



**Groundwater Sample Results,
Level 2 Laboratory Report, Level 4 Laboratory Report,
Electronic Data Deliverable, Data Validation Report,
Sample Location Report, SDG 2001409**

*MCAS
Tustin, CA
April 2021*

July 24, 2020

Vista Work Order No. 2001409

Ms. Kimberly Shiroodi
KMEA
2423 Hoover Avenue
National City, CA 91950

Dear Ms. Shiroodi,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on July 03, 2020 under your Project Name 'MCAS El Toro and Tustin, PFAS'.

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

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

Sincerely,

Martha Maier
Laboratory Director



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

Vista Work Order No. 2001409

Case Narrative

Sample Condition on Receipt:

Two blank water samples and twelve groundwater samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

PFAS Isotope Dilution/LC-MSMS Method Compliant with Table B-15 of QSM 5.3 (Aqueous)

The following samples contained particulate and were centrifuged prior to extraction:

<u>Laboratory ID</u>	<u>Sample Name</u>
2001409-04	222MW09D-20200701
2001409-05	DUP02-20200701
2001409-06	IS72MW17D-20200701
2001409-07	DUP03-20200701
2001409-13	TW07D-20200702
2001409-14	TW05D-20200702

The samples were extracted and analyzed for a selected list of PFAS using Isotope Dilution and LC-MS/MS compliant with Table B-15 of QSM 5.3. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the hold times.

Quality Control

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

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 the LOQ. The OPR recoveries were within the method acceptance criteria.

As requested, an MS/MSD were performed on samples "IS72MW16DR-20200701" and "I003MW01D-20200701". The MS/MSD recoveries and RPDs for sample "IS72MW16DR-20200701" were within the method acceptance criteria. The MS/MSD recoveries and/or RPDs for sample "I003MW01D-20200701" were outside of the acceptance criteria for PFBS, PFHxA, PFHpA, PFHxS, PFOA, PFNA, and PFOS.

The labeled standard recoveries outside the acceptance criteria are flagged with an "H" qualifier.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2001409-01	EB02-20200701	01-Jul-20 16:00	03-Jul-20 08:46	HDPE Bottle, 250 mL
2001409-02	IS72MW16DR-20200701	MS/MSD01-Jul-20 07:50	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-03	IS72MW15D-20200701	01-Jul-20 08:40	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-04	222MW09D-20200701	01-Jul-20 09:40	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-05	DUP02-20200701	01-Jul-20 09:45	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-06	IS72MW17D-20200701	01-Jul-20 10:30	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-07	DUP03-20200701	01-Jul-20 10:35	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-08	I003MW01D-20200701	MS/MSD01-Jul-20 11:25	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-09	I003MW02D-20200701	01-Jul-20 13:20	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-10	DUP04-20200701	01-Jul-20 13:25	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-11	I003MW05D-20200701	01-Jul-20 15:45	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-12	EB03-20200702	02-Jul-20 15:00	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-13	TW07D-20200702	02-Jul-20 11:30	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-14	TW05D-20200702	02-Jul-20 14:00	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL

ANALYTICAL RESULTS

Sample ID: Method Blank
PFAS Isotope Dilution Table B-15

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Aqueous	Lab Sample:	B0G0034-BLK1	Column:	BEH C18
Project:	MCAS El Toro and Tustin, PFAS						

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFHxA	307-24-4	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
HFPO-DA	13252-13-6	ND	0.00241	0.00300	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFHpA	375-85-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
ADONA	919005-14-4	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFHxS	355-46-4	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFOA	335-67-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFNA	375-95-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFOS	1763-23-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
9Cl-PF3ONS	756426-58-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFDA	335-76-2	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
MeFOSAA	2355-31-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
EtFOSAA	2991-50-6	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFUnA	2058-94-8	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
11Cl-PF3OUdS	763051-92-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFDoA	307-55-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFTrDA	72629-94-8	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFTeDA	376-06-7	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	73.7	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C3-HFPO-DA	IS	63.4	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C2-PFHxA	IS	70.9	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C4-PFHpA	IS	65.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C3-PFHxS	IS	72.4	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C5-PFNA	IS	64.8	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C2-PFOA	IS	68.7	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C8-PFOS	IS	68.0	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C2-PFDA	IS	64.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
d3-MeFOSAA	IS	58.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C2-PFUnA	IS	59.1	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
d5-EtFOSAA	IS	56.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C2-PFDoA	IS	62.0	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C2-PFTeDA	IS	58.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: OPR

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Aqueous		Lab Sample:	B0G0034-BS1	Column:	BEH C18			
Project:	MCAS El Toro and Tustin, PFAS										

Analyte	CAS Number	Amt Found (ug/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0415	0.0400	104	72 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFHxA	307-24-4	0.0421	0.0400	105	72 - 129		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
HFPO-DA	13252-13-6	0.0366	0.0400	91.6	70 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFHpA	375-85-9	0.0426	0.0400	107	72 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
ADONA	919005-14-4	0.0423	0.0400	106	70 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFHxS	355-46-4	0.0400	0.0400	100	68 - 131		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFOA	335-67-1	0.0414	0.0400	104	71 - 133		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFNA	375-95-1	0.0421	0.0400	105	69 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFOS	1763-23-1	0.0355	0.0400	88.7	65 - 140		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
9CI-PF3ONS	756426-58-1	0.0357	0.0400	89.3	70 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFDA	335-76-2	0.0425	0.0400	106	71 - 129		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
MeFOSAA	2355-31-9	0.0394	0.0400	98.5	65 - 136		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
EtFOSAA	2991-50-6	0.0416	0.0400	104	61 - 135		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFUnA	2058-94-8	0.0423	0.0400	106	69 - 133		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
11CI-PF3OUdS	763051-92-9	0.0508	0.0400	127	70 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFDoA	307-55-1	0.0495	0.0400	124	72 - 134		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFTTrDA	72629-94-8	0.0442	0.0400	110	65 - 144		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFTeDA	376-06-7	0.0416	0.0400	104	71 - 132		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	85.8	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C3-HFPO-DA	IS	75.6	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C2-PFHxA	IS	79.5	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C4-PFHpA	IS	76.3	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C3-PFHxS	IS	80.4	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C5-PFNA	IS	72.6	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C2-PFOA	IS	81.0	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C8-PFOS	IS	82.4	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C2-PFDA	IS	70.2	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
d3-MeFOSAA	IS	66.7	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C2-PFUnA	IS	66.3	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
d5-EtFOSAA	IS	63.1	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C2-PFDoA	IS	51.9	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C2-PFTeDA	IS	59.2	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1

Sample ID: EB02-20200701

PFAS Isotope Dilution Table B-15

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Blank Water	Lab Sample:	2001409-01	Column:	BEH C18
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 16:00	Date Received:	03-Jul-20 08:46		

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFHxA	307-24-4	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
HFPO-DA	13252-13-6	ND	0.00247	0.00307	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFHpA	375-85-9	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
ADONA	919005-14-4	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFHxS	355-46-4	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFOA	335-67-1	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFNA	375-95-1	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFOS	1763-23-1	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
9Cl-PF3ONS	756426-58-1	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFDA	335-76-2	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
MeFOSAA	2355-31-9	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
EtFOSAA	2991-50-6	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFUnA	2058-94-8	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
11Cl-PF3OUdS	763051-92-9	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFDoA	307-55-1	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFTrDA	72629-94-8	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFTeDA	376-06-7	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	87.5	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C3-HFPO-DA	IS	60.5	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C2-PFHxA	IS	71.5	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C4-PFHpA	IS	77.2	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C3-PFHxS	IS	75.4	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C5-PFNA	IS	70.0	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C2-PFOA	IS	76.5	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C8-PFOS	IS	70.2	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C2-PFDA	IS	75.4	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
d3-MeFOSAA	IS	67.7	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C2-PFUnA	IS	67.9	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
d5-EtFOSAA	IS	66.0	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C2-PFDoA	IS	69.3	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C2-PFTeDA	IS	63.1	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: IS72MW16DR-20200701

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-02	Column:	BEH C18				
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 07:50	Date Received:	03-Jul-20 08:46						

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0236	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFHxA	307-24-4	0.0429	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
HFPO-DA	13252-13-6	ND	0.00255	0.00318	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFHpA	375-85-9	0.0132	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
ADONA	919005-14-4	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFHxS	355-46-4	0.161	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFOA	335-67-1	0.167	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFNA	375-95-1	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFOS	1763-23-1	0.0650	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
9Cl-PF3ONS	756426-58-1	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFDA	335-76-2	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
MeFOSAA	2355-31-9	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
EtFOSAA	2991-50-6	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFUnA	2058-94-8	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
11Cl-PF3OUdS	763051-92-9	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFDoA	307-55-1	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFTrDA	72629-94-8	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFTeDA	376-06-7	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	85.8	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C3-HFPO-DA	IS	65.0	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C2-PFHxA	IS	74.7	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C4-PFHpA	IS	73.6	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C3-PFHxS	IS	78.3	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C5-PFNA	IS	69.1	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C2-PFOA	IS	78.1	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C8-PFOS	IS	84.5	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C2-PFDA	IS	84.3	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
d3-MeFOSAA	IS	76.4	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C2-PFUnA	IS	78.0	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
d5-EtFOSAA	IS	77.6	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C2-PFDoA	IS	78.7	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C2-PFTeDA	IS	75.3	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: IS72MW16DR-20200701

PFAS Isotope Dilution Table B-15

Name:	KMEA	Lab Sample:	B0G0034-MS1/B0G0034-MSD1	Source Lab Sample:	2001409-02
Project:	MCAS El Toro and Tustin, PFAS	QC Batch:	B0G0034	Date Extracted:	11-Jul-20
Matrix:	Aqueous	Samp Size:	0.242/0.245 L	Column:	BEH C18

Analyte	CAS Number	Sample (ug/L)	MS (ug/L)	MS Spike	MS % Rec	MS Quals	MSD (ug/L)	MSD Spike	MSD % Rec	RPD	MSD Quals	%Rec Limits	RPD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
PFBS	375-73-5	0.0236	0.0654	0.0414	101		0.0647	0.0409	100	0.995		72-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFHxA	307-24-4	0.0429	0.0889	0.0414	111		0.0900	0.0409	115	3.54		72-129	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
HFPO-DA	13252-13-6	ND	0.0403	0.0414	97.4		0.0381	0.0409	93.1	4.51		70-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFHpA	375-85-9	0.0132	0.0605	0.0414	114		0.0538	0.0409	99.2	13.9		72-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
ADONA	919005-14-4	ND	0.0434	0.0414	105		0.0383	0.0409	93.7	11.4		70-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFHxS	355-46-4	0.161	0.198	0.0414	90.5		0.189	0.0409	69.5	26.3		68-131	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFOA	335-67-1	0.167	0.212	0.0414	109		0.206	0.0409	95.0	13.7		71-133	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFNA	375-95-1	ND	0.0467	0.0414	111		0.0497	0.0409	119	6.96		69-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFOS	1763-23-1	0.0650	0.115	0.0414	121		0.107	0.0409	102	17.0		65-140	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
9CI-PF3ONS	756426-58-1	ND	0.0427	0.0414	103		0.0353	0.0409	86.2	17.8		70-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFDA	335-76-2	ND	0.0472	0.0414	114		0.0484	0.0409	118	3.45		71-129	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
MeFOSAA	2355-31-9	ND	0.0442	0.0414	107		0.0424	0.0409	104	2.84		65-136	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
EtFOSAA	2991-50-6	ND	0.0544	0.0414	131		0.0411	0.0409	100	26.8		61-135	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFUnA	2058-94-8	ND	0.0483	0.0414	117		0.0443	0.0409	108	8.00		69-133	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
11CI-PF3OUdS	763051-92-9	ND	0.0403	0.0414	97.4		0.0486	0.0409	119	20.0		70-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFDoA	307-55-1	ND	0.0423	0.0414	102		0.0432	0.0409	106	3.85		72-134	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFTrDA	72629-94-8	ND	0.0423	0.0414	102		0.0477	0.0409	117	13.7		65-144	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFTeDA	376-06-7	ND	0.0424	0.0414	102		0.0389	0.0409	95.2	6.90		71-132	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C3-PFBS	IS	88.6		80.9		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C3-HFPO-DA	IS	67.1		62.1		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C2-PFHxA	IS	78.4		64.9		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C4-PFHpA	IS	76.4		70.3		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C3-PFHxS	IS	79.7		68.6		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C5-PFNA	IS	72.3		63.9		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C2-PFOA	IS	78.4		69.6		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C8-PFOS	IS	77.3		69.0		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C2-PFDA	IS	71.2		67.1		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
d3-MeFOSAA	IS	73.5		68.7		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C2-PFUnA	IS	68.4		63.2		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
d5-EtFOSAA	IS	61.2		66.7		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C2-PFDoA	IS	70.8		63.0		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1

Sample ID: IS72MW16DR-20200701	PFAS Isotope Dilution Table B-15
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Name: KMEA	Lab Sample: B0G0034-MS1/B0G0034-MSD1	Source Lab Sample: 2001409-02
Project: MCAS El Toro and Tustin, PFAS	QC Batch: B0G0034	Date Extracted: 11-Jul-20
Matrix: Aqueous	Samp Size: 0.242/0.245 L	Column: BEH C18

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C2-PFTeDA	IS	67.1		63.7		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1

Sample ID: IS72MW15D-20200701

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-03	Column:	BEH C18				
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 08:40	Date Received:	03-Jul-20 08:46						

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0191	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFHxA	307-24-4	0.0454	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
HFPO-DA	13252-13-6	ND	0.00236	0.00293	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFHpA	375-85-9	0.0143	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
ADONA	919005-14-4	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFHxS	355-46-4	0.149	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFOA	335-67-1	0.167	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFNA	375-95-1	0.00153	0.00134	0.00195	0.00391	J	B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFOS	1763-23-1	0.136	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
9Cl-PF3ONS	756426-58-1	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFDA	335-76-2	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
MeFOSAA	2355-31-9	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
EtFOSAA	2991-50-6	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFUnA	2058-94-8	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
11Cl-PF3OUdS	763051-92-9	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFDoA	307-55-1	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFTrDA	72629-94-8	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFTeDA	376-06-7	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	89.0	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C3-HFPO-DA	IS	60.0	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C2-PFHxA	IS	69.4	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C4-PFHpA	IS	70.2	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C3-PFHxS	IS	79.7	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C5-PFNA	IS	60.7	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C2-PFOA	IS	70.8	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C8-PFOS	IS	79.4	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C2-PFDA	IS	76.7	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
d3-MeFOSAA	IS	72.0	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C2-PFUnA	IS	68.3	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
d5-EtFOSAA	IS	62.7	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C2-PFDoA	IS	76.8	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C2-PFTeDA	IS	63.2	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: 222MW09D-20200701

PFAS Isotope Dilution Table B-15

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-04	Column:	BEH C18
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 09:40	Date Received:	03-Jul-20 08:46		

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0105	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFHxA	307-24-4	0.0207	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
HFPO-DA	13252-13-6	ND	0.00244	0.00304	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFHpA	375-85-9	0.00555	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
ADONA	919005-14-4	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFHxS	355-46-4	0.0702	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFOA	335-67-1	0.0839	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFNA	375-95-1	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFOS	1763-23-1	0.0150	0.00139	0.00202	0.00405	Q	B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
9Cl-PF3ONS	756426-58-1	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFDA	335-76-2	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
MeFOSAA	2355-31-9	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
EtFOSAA	2991-50-6	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFUnA	2058-94-8	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
11Cl-PF3OUdS	763051-92-9	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFDoA	307-55-1	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFTrDA	72629-94-8	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFTeDA	376-06-7	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	81.5	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C3-HFPO-DA	IS	59.6	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C2-PFHxA	IS	70.2	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C4-PFHpA	IS	68.0	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C3-PFHxS	IS	64.8	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C5-PFNA	IS	63.6	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C2-PFOA	IS	70.7	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C8-PFOS	IS	69.6	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C2-PFDA	IS	66.2	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
d3-MeFOSAA	IS	67.7	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C2-PFUnA	IS	65.0	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
d5-EtFOSAA	IS	67.5	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C2-PFDoA	IS	66.3	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C2-PFTeDA	IS	62.2	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: DUP02-20200701
PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data					
Name:	KMEA	Matrix:	Groundwater		Lab Sample:	2001409-05		Column:	BEH C18	
Project:	MCAS El Toro and Tustin, PFAS		Date Collected:	01-Jul-20 09:45		Date Received:	03-Jul-20 08:46			

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0105	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFHxA	307-24-4	0.0226	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
HFPO-DA	13252-13-6	ND	0.00233	0.00290	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFHpA	375-85-9	0.00521	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
ADONA	919005-14-4	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFHxS	355-46-4	0.0610	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFOA	335-67-1	0.0822	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFNA	375-95-1	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFOS	1763-23-1	0.0154	0.00132	0.00193	0.00386	Q	B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
9Cl-PF3ONS	756426-58-1	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFDA	335-76-2	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
MeFOSAA	2355-31-9	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
EtFOSAA	2991-50-6	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFUnA	2058-94-8	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
11Cl-PF3OUdS	763051-92-9	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFDoA	307-55-1	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFTrDA	72629-94-8	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFTeDA	376-06-7	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	74.2	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C3-HFPO-DA	IS	56.9	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C2-PFHxA	IS	73.6	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C4-PFHpA	IS	71.2	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C3-PFHxS	IS	72.6	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C5-PFNA	IS	67.9	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C2-PFOA	IS	70.4	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C8-PFOS	IS	73.2	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C2-PFDA	IS	74.6	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
d3-MeFOSAA	IS	70.4	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C2-PFUnA	IS	63.4	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
d5-EtFOSAA	IS	66.0	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C2-PFDoA	IS	67.4	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C2-PFTeDA	IS	55.3	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: IS72MW17D-20200701

PFAS Isotope Dilution Table B-15

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-06	Column:	BEH C18
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 10:30	Date Received:	03-Jul-20 08:46		

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0262	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFHxA	307-24-4	0.185	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
HFPO-DA	13252-13-6	ND	0.00243	0.00302	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFHpA	375-85-9	0.0980	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
ADONA	919005-14-4	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFHxS	355-46-4	0.0788	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFOA	335-67-1	0.781	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFNA	375-95-1	0.00477	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFOS	1763-23-1	0.0432	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
9Cl-PF3ONS	756426-58-1	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFDA	335-76-2	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
MeFOSAA	2355-31-9	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
EtFOSAA	2991-50-6	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFUnA	2058-94-8	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
11Cl-PF3OUdS	763051-92-9	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFDoA	307-55-1	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFTrDA	72629-94-8	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFTeDA	376-06-7	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	77.2	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C3-HFPO-DA	IS	53.7	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C2-PFHxA	IS	68.5	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C4-PFHpA	IS	66.1	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C3-PFHxS	IS	67.0	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C5-PFNA	IS	69.1	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C2-PFOA	IS	67.6	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C8-PFOS	IS	72.0	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C2-PFDA	IS	76.1	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
d3-MeFOSAA	IS	72.4	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C2-PFUnA	IS	62.7	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
d5-EtFOSAA	IS	64.1	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C2-PFDoA	IS	65.9	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C2-PFTeDA	IS	54.4	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: DUP03-20200701

PFAS Isotope Dilution Table B-15

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-07	Column:	BEH C18
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 10:35	Date Received:	03-Jul-20 08:46		

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0285	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFHxA	307-24-4	0.189	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
HFPO-DA	13252-13-6	ND	0.00246	0.00306	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFHpA	375-85-9	0.0945	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
ADONA	919005-14-4	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFHxS	355-46-4	0.0737	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFOA	335-67-1	0.755	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFNA	375-95-1	0.00546	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFOS	1763-23-1	0.0418	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
9Cl-PF3ONS	756426-58-1	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFDA	335-76-2	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
MeFOSAA	2355-31-9	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
EtFOSAA	2991-50-6	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFUnA	2058-94-8	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
11Cl-PF3OUdS	763051-92-9	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFDoA	307-55-1	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFTrDA	72629-94-8	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFTeDA	376-06-7	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	80.4	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C3-HFPO-DA	IS	62.6	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C2-PFHxA	IS	72.4	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C4-PFHpA	IS	73.4	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C3-PFHxS	IS	81.3	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C5-PFNA	IS	70.6	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C2-PFOA	IS	73.5	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C8-PFOS	IS	82.8	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C2-PFDA	IS	74.5	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
d3-MeFOSAA	IS	77.1	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C2-PFUnA	IS	68.3	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
d5-EtFOSAA	IS	72.4	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C2-PFDoA	IS	77.3	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C2-PFTeDA	IS	61.1	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: I003MW01D-20200701

PFAS Isotope Dilution Table B-15

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-08	Column:	BEH C18
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 11:25	Date Received:	03-Jul-20 08:46		

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.982	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFHxA	307-24-4	4.92	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
HFPO-DA	13252-13-6	ND	0.00241	0.00300	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFHpA	375-85-9	0.853	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
ADONA	919005-14-4	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFHxS	355-46-4	5.98	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
PFOA	335-67-1	10.6	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
PFNA	375-95-1	0.0153	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFOS	1763-23-1	3.12	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
9Cl-PF3ONS	756426-58-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFDA	335-76-2	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
MeFOSAA	2355-31-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
EtFOSAA	2991-50-6	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFUnA	2058-94-8	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
11Cl-PF3OUdS	763051-92-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFDoA	307-55-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFTrDA	72629-94-8	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFTeDA	376-06-7	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	70.9	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C3-HFPO-DA	IS	59.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C2-PFHxA	IS	103	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
13C4-PFHpA	IS	67.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C3-PFHxS	IS	100	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
13C5-PFNA	IS	61.7	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C2-PFOA	IS	119	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
13C8-PFOS	IS	130	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
13C2-PFDA	IS	72.3	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
d3-MeFOSAA	IS	70.8	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C2-PFUnA	IS	62.3	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
d5-EtFOSAA	IS	57.4	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C2-PFDoA	IS	67.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C2-PFTeDA	IS	61.4	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: I003MW01D-20200701

PFAS Isotope Dilution Table B-15

Name:	KMEA	Lab Sample:	B0G0034-MS2/B0G0034-MSD2	Source Lab Sample:	2001409-08
Project:	MCAS El Toro and Tustin, PFAS	QC Batch:	B0G0034	Date Extracted:	11-Jul-20
Matrix:	Aqueous	Samp Size:	0.246/0.258 L	Column:	BEH C18

Analyte	CAS Number	Sample (ug/L)	MS (ug/L)	MS Spike	MS % Rec	MS Quals	MSD (ug/L)	MSD Spike	MSD % Rec	MSD RPD	MSD Quals	%Rec Limits	RPD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
PFBS	375-73-5	0.982	1.02	0.0407	104		1.00	0.0388	48.3	73.1	H	72-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFHxA	307-24-4	4.92	6.73	0.407	444	D, H	4.86	0.388	-16.0	215	D, H	72-129	30	16-Jul-20 20:49	10	15-Jul-20 16:24	10
HFPO-DA	13252-13-6	ND	0.0408	0.0407	100		0.0401	0.0388	103	2.96		70-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFHpA	375-85-9	0.853	0.955	0.0407	250	H	0.956	0.0388	265	5.83	H	72-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
ADONA	919005-14-4	ND	0.0452	0.0407	111		0.0453	0.0388	117	5.26		70-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFHxS	355-46-4	5.98	11.1	0.407	1260	D, H	7.48	0.388	387	106	D, H	68-131	30	16-Jul-20 20:49	10	15-Jul-20 16:24	10
PFOA	335-67-1	10.6	11.3	0.407	160	D, H	10.8	0.388	39.3	121	D, H	71-133	30	16-Jul-20 20:49	10	15-Jul-20 16:24	10
PFNA	375-95-1	0.0153	0.0693	0.0407	133	H	0.0607	0.0388	117	12.8		69-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFOS	1763-23-1	3.12	4.10	0.407	240	D, H	5.59	0.388	636	90.4	D, H	65-140	30	16-Jul-20 20:49	10	15-Jul-20 16:24	10
9Cl-PF3ONS	756426-58-1	ND	0.0492	0.0407	121		0.0491	0.0388	127	4.84		70-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFDA	335-76-2	ND	0.0463	0.0407	112		0.0432	0.0388	109	2.71		71-129	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
MeFOSAA	2355-31-9	ND	0.0422	0.0407	103		0.0418	0.0388	107	3.81		65-136	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
EtFOSAA	2991-50-6	ND	0.0410	0.0407	101		0.0425	0.0388	110	8.53		61-135	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFUnA	2058-94-8	ND	0.0443	0.0407	109		0.0426	0.0388	110	0.913		69-133	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
11Cl-PF3OUdS	763051-92-9	ND	0.0413	0.0407	102		0.0433	0.0388	112	9.35		70-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFDoA	307-55-1	ND	0.0405	0.0407	99.6		0.0413	0.0388	106	6.23		72-134	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFTTrDA	72629-94-8	ND	0.0373	0.0407	91.6		0.0393	0.0388	101	9.76		65-144	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFTeDA	376-06-7	ND	0.0415	0.0407	102		0.0451	0.0388	116	12.8		71-132	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	MSD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C3-PFBS	IS	70.9		73.3		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
13C3-HFPO-DA	IS	63.5		62.6		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
13C2-PFHxA	IS	56.0	D	67.0	D	50-150	16-Jul-20 20:49	10	15-Jul-20 16:24	10
13C4-PFHpA	IS	66.6		68.3		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
13C3-PFHxS	IS	49.0	D, H	56.0	D	50-150	16-Jul-20 20:49	10	15-Jul-20 16:24	10
13C5-PFNA	IS	68.8		66.0		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
13C2-PFOA	IS	68.1	D	76.6	D	50-150	16-Jul-20 20:49	10	15-Jul-20 16:24	10
13C8-PFOS	IS	52.0	D	50.0	D	50-150	16-Jul-20 20:49	10	15-Jul-20 16:24	10
13C2-PFDA	IS	74.7		76.3		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
d3-MeFOSAA	IS	72.1		69.3		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
13C2-PFUnA	IS	65.9		65.7		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
d5-EtFOSAA	IS	68.5		67.4		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
13C2-PFDoA	IS	72.2		68.2		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1

Sample ID: I003MW01D-20200701	PFAS Isotope Dilution Table B-15
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Name: KMEA	Lab Sample: B0G0034-MS2/B0G0034-MSD2	Source Lab Sample: 2001409-08
Project: MCAS El Toro and Tustin, PFAS	QC Batch: B0G0034	Date Extracted: 11-Jul-20
Matrix: Aqueous	Samp Size: 0.246/0.258 L	Column: BEH C18

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C2-PFTeDA	IS	62.6		58.3		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1

Sample ID: I003MW02D-20200701

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Groundwater		Lab Sample:	2001409-09		Column:	BEH C18		
Project:	MCAS El Toro and Tustin, PFAS		Date Collected:	01-Jul-20 13:20		Date Received:	03-Jul-20 08:46				

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.364	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFHxA	307-24-4	2.59	0.0133	0.0195	0.0390	D	B0G0034	11-Jul-20	0.257 L	15-Jul-20 16:45	10
HFPO-DA	13252-13-6	ND	0.00235	0.00292	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFHpA	375-85-9	0.537	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
ADONA	919005-14-4	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFHxS	355-46-4	2.49	0.0133	0.0195	0.0390	D	B0G0034	11-Jul-20	0.257 L	15-Jul-20 16:45	10
PFOA	335-67-1	11.1	0.0133	0.0195	0.0390	D	B0G0034	11-Jul-20	0.257 L	15-Jul-20 16:45	10
PFNA	375-95-1	0.00392	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFOS	1763-23-1	0.879	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
9Cl-PF3ONS	756426-58-1	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFDA	335-76-2	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
MeFOSAA	2355-31-9	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
EtFOSAA	2991-50-6	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFUnA	2058-94-8	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
11Cl-PF3OUdS	763051-92-9	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFDoA	307-55-1	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFTrDA	72629-94-8	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFTeDA	376-06-7	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	72.4	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C3-HFPO-DA	IS	58.5	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C2-PFHxA	IS	135	50 - 150	D	B0G0034	11-Jul-20	0.257 L	15-Jul-20 16:45	10
13C4-PFHpA	IS	62.4	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C3-PFHxS	IS	139	50 - 150	D	B0G0034	11-Jul-20	0.257 L	15-Jul-20 16:45	10
13C5-PFNA	IS	66.8	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C2-PFOA	IS	137	50 - 150	D	B0G0034	11-Jul-20	0.257 L	15-Jul-20 16:45	10
13C8-PFOS	IS	70.7	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C2-PFDA	IS	67.2	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
d3-MeFOSAA	IS	63.9	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C2-PFUnA	IS	64.8	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
d5-EtFOSAA	IS	56.8	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C2-PFDoA	IS	60.8	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C2-PFTeDA	IS	58.2	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: DUP04-20200701
PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Groundwater		Lab Sample:	2001409-10		Column:	BEH C18		
Project:	MCAS El Toro and Tustin, PFAS		Date Collected:	01-Jul-20 13:25		Date Received:	03-Jul-20 08:46				

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.397	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFHxA	307-24-4	2.57	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:55	10
HFPO-DA	13252-13-6	ND	0.00241	0.00300	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFHpA	375-85-9	0.529	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
ADONA	919005-14-4	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFHxS	355-46-4	2.59	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:55	10
PFOA	335-67-1	11.0	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:55	10
PFNA	375-95-1	0.00425	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFOS	1763-23-1	0.972	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
9Cl-PF3ONS	756426-58-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFDA	335-76-2	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
MeFOSAA	2355-31-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
EtFOSAA	2991-50-6	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFUnA	2058-94-8	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
11Cl-PF3OUdS	763051-92-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFDoA	307-55-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFTrDA	72629-94-8	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFTeDA	376-06-7	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	82.0	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C3-HFPO-DA	IS	64.1	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C2-PFHxA	IS	133	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:55	10
13C4-PFHpA	IS	75.3	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C3-PFHxS	IS	131	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:55	10
13C5-PFNA	IS	71.3	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C2-PFOA	IS	140	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:55	10
13C8-PFOS	IS	71.6	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C2-PFDA	IS	80.0	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
d3-MeFOSAA	IS	74.1	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C2-PFUnA	IS	68.8	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
d5-EtFOSAA	IS	69.6	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C2-PFDoA	IS	74.3	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C2-PFTeDA	IS	64.1	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: I003MW05D-20200701

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Groundwater		Lab Sample:	2001409-11		Column:	BEH C18		
Project:	MCAS El Toro and Tustin, PFAS		Date Collected:	01-Jul-20 15:45		Date Received:	03-Jul-20 08:46				

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.00356	0.00145	0.00212	0.00423	J	B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFHxA	307-24-4	0.0229	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
HFPO-DA	13252-13-6	ND	0.00255	0.00318	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFHpA	375-85-9	0.00525	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
ADONA	919005-14-4	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFHxS	355-46-4	0.0112	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFOA	335-67-1	0.0109	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFNA	375-95-1	0.00264	0.00145	0.00212	0.00423	J	B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFOS	1763-23-1	0.0570	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
9Cl-PF3ONS	756426-58-1	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFDA	335-76-2	0.00189	0.00145	0.00212	0.00423	J	B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
MeFOSAA	2355-31-9	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
EtFOSAA	2991-50-6	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFUnA	2058-94-8	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
11Cl-PF3OUdS	763051-92-9	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFDoA	307-55-1	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFTrDA	72629-94-8	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFTeDA	376-06-7	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	73.0	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C3-HFPO-DA	IS	62.2	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C2-PFHxA	IS	67.6	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C4-PFHpA	IS	71.3	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C3-PFHxS	IS	70.7	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C5-PFNA	IS	68.9	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C2-PFOA	IS	71.0	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C8-PFOS	IS	75.1	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C2-PFDA	IS	74.9	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
d3-MeFOSAA	IS	67.2	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C2-PFUnA	IS	63.4	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
d5-EtFOSAA	IS	61.6	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C2-PFDoA	IS	61.4	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C2-PFTeDA	IS	63.1	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: EB03-20200702
PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Blank Water		Lab Sample:	2001409-12		Column:	BEH C18		
Project:	MCAS El Toro and Tustin, PFAS		Date Collected:	02-Jul-20 15:00		Date Received:	03-Jul-20 08:46				

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFHxA	307-24-4	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
HFPO-DA	13252-13-6	ND	0.00249	0.00310	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFHpA	375-85-9	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
ADONA	919005-14-4	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFHxS	355-46-4	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFOA	335-67-1	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFNA	375-95-1	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFOS	1763-23-1	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
9Cl-PF3ONS	756426-58-1	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFDA	335-76-2	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
MeFOSAA	2355-31-9	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
EtFOSAA	2991-50-6	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFUnA	2058-94-8	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
11Cl-PF3OUdS	763051-92-9	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFDoA	307-55-1	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFTrDA	72629-94-8	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFTeDA	376-06-7	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	84.1	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C3-HFPO-DA	IS	69.6	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C2-PFHxA	IS	78.1	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C4-PFHpA	IS	81.9	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C3-PFHxS	IS	81.4	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C5-PFNA	IS	71.1	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C2-PFOA	IS	75.8	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C8-PFOS	IS	76.2	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C2-PFDA	IS	82.4	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
d3-MeFOSAA	IS	71.6	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C2-PFUnA	IS	75.5	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
d5-EtFOSAA	IS	70.6	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C2-PFDoA	IS	74.9	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C2-PFTeDA	IS	62.7	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: TW07D-20200702

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Groundwater		Lab Sample:	2001409-13		Column:	BEH C18		
Project:	MCAS El Toro and Tustin, PFAS		Date Collected:	02-Jul-20 11:30		Date Received:	03-Jul-20 08:46				

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFHxA	307-24-4	0.00535	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
HFPO-DA	13252-13-6	ND	0.00223	0.00278	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFHpA	375-85-9	0.00202	0.00127	0.00185	0.00371	J	B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
ADONA	919005-14-4	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFHxS	355-46-4	0.00225	0.00127	0.00185	0.00371	J	B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFOA	335-67-1	0.00616	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFNA	375-95-1	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFOS	1763-23-1	0.0402	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
9Cl-PF3ONS	756426-58-1	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFDA	335-76-2	0.00282	0.00127	0.00185	0.00371	J	B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
MeFOSAA	2355-31-9	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
EtFOSAA	2991-50-6	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFUnA	2058-94-8	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
11Cl-PF3OUdS	763051-92-9	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFDoA	307-55-1	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFTrDA	72629-94-8	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFTeDA	376-06-7	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	68.4	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C3-HFPO-DA	IS	64.2	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C2-PFHxA	IS	71.0	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C4-PFHpA	IS	70.6	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C3-PFHxS	IS	73.9	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C5-PFNA	IS	70.0	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C2-PFOA	IS	72.8	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C8-PFOS	IS	79.2	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C2-PFDA	IS	74.8	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
d3-MeFOSAA	IS	67.5	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C2-PFUnA	IS	63.7	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
d5-EtFOSAA	IS	54.5	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C2-PFDoA	IS	46.2	50 - 150	H	B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C2-PFTeDA	IS	12.6	50 - 150	H	B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: TW05D-20200702

PFAS Isotope Dilution Table B-15

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-14	Column:	BEH C18
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	02-Jul-20 14:00	Date Received:	03-Jul-20 08:46		

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.00677	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFHxA	307-24-4	0.0778	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
HFPO-DA	13252-13-6	ND	0.00232	0.00288	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFHpA	375-85-9	0.0184	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
ADONA	919005-14-4	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFHxS	355-46-4	0.0289	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFOA	335-67-1	0.352	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFNA	375-95-1	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFOS	1763-23-1	0.0172	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
9Cl-PF3ONS	756426-58-1	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFDA	335-76-2	0.00596	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
MeFOSAA	2355-31-9	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
EtFOSAA	2991-50-6	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFUnA	2058-94-8	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
11Cl-PF3OUdS	763051-92-9	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFDoA	307-55-1	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFTrDA	72629-94-8	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFTeDA	376-06-7	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	84.6	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C3-HFPO-DA	IS	61.1	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C2-PFHxA	IS	69.4	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C4-PFHpA	IS	67.3	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C3-PFHxS	IS	67.9	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C5-PFNA	IS	64.8	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C2-PFOA	IS	72.4	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C8-PFOS	IS	63.8	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C2-PFDA	IS	74.1	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
d3-MeFOSAA	IS	63.0	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C2-PFUnA	IS	60.2	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
d5-EtFOSAA	IS	58.8	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C2-PFDoA	IS	55.8	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C2-PFTeDA	IS	28.0	50 - 150	H	B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

DATA QUALIFIERS & ABBREVIATIONS

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

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

Vista Analytical Laboratory Certifications

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

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

NELAP Accredited Test Methods

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

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

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

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

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

2001409 2.0°C

Vista PM: Jade White-Dobbs

DATE: 7/1/2020

PAGE: 1 OF 2

LABORATORY CLIENT: KMEA					CLIENT PROJECT NAME / NUMBER: MCAS El Toro and Tustin, PFAS					P.O. NO.: TO 008 Mod 4					
ADDRESS: 9210 Sky Park Court, Suite 220					PROJECT CONTACT: Kimberly Shiroodi / Brian Johnson					CONTRACT NO.: N62473-16-D-2405					
CITY: San Diego, CA 92123					SAMPLER(S): (SIGNATURE) <i>Wey Ruelke</i>					LAB USE ONLY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
TEL: (619) 399-5900					E-MAIL <i>kimberly.shiroodi@woodplc.com</i>					E-MAIL <i>brian.johnson@woodplc.com</i>					
TURNAROUND TIME <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 10 DAYS <input checked="" type="checkbox"/> Standard										REQUESTED ANALYSIS					
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL ___/___/___															
SPECIAL INSTRUCTIONS <i>GW samples potentially contain elevated levels of PFAS.</i>															
LAB USE ONLY	SAMPLE ID	SAMPLING		Matrix	#Cont	QC Level	PFAS by LC/MS-MS								
		DATE	TIME												
	<i>EB02 - 2020 0701</i>	<i>7/1/20</i>	<i>16:00</i>	<i>BV</i>	<i>2</i>		<i>X</i>								
	<i>IS72 MW16DR - 20200701</i>		<i>7:50</i>	<i>GW</i>	<i>6</i>	<i>IV</i>	<i>X</i>	<i>MS</i>	<i>/</i>	<i>MS</i>	<i>D</i>				
	<i>IS72 MW15D - 20200701</i>		<i>8:40</i>		<i>2</i>	<i>IV</i>	<i>X</i>								
	<i>222 MW09D - 2020 0701</i>		<i>9:40</i>		<i>2</i>	<i>IV</i>	<i>X</i>								
	<i>DVP02 - 20200701</i>		<i>9:45</i>		<i>2</i>		<i>X</i>								
	<i>IS72 MW17D - 20200701</i>		<i>10:30</i>		<i>2</i>	<i>IV</i>	<i>X</i>								
	<i>DVP03 - 2020 0701</i>		<i>10:35</i>		<i>2</i>		<i>X</i>								
	<i>I003 MW01D - 2020 0701</i>		<i>11:25</i>		<i>6</i>	<i>IV</i>	<i>X</i>	<i>MS</i>	<i>/</i>	<i>MS</i>	<i>D</i>				
	<i>I003 MW02D - 2020 0701</i>		<i>13:20</i>		<i>2</i>	<i>IV</i>	<i>X</i>								
	<i>DVP04 - 2020 0701</i>		<i>13:25</i>		<i>2</i>		<i>X</i>								
Relinquished by: (Signature) <i>Wey Ruelke</i>					Received by: (Signature) / Carrier Tracking Number FedEx					Date: <i>7/2/20</i>		Time: <i>16:00</i>			
Relinquished by: (Signature) <i>FedEx</i>					Received by: (Signature) <i>Thuyh Loan</i>					Date: <i>07/03/2020</i>		Time: <i>08:46</i>			
Relinquished by: (Signature)					Received by: (Signature)					Date:		Time:			

LABORATORY CLIENT: KMEA				CLIENT PROJECT NAME / NUMBER: MCAS El Toro and Tustin, PFAS				P.O. NO.: TO 008 Mod 4					
ADDRESS: 9210 Sky Park Court, Suite 220				PROJECT CONTACT: Kimberly Shiroodi / Brian Johnson				CONTRACT NO.: N62473-16-D-2405					
CITY: San Diego, CA 92123				SAMPLER(S): (SIGNATURE) <i>Uey Rulke</i>				LAB USE ONLY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
TEL: (619) 399-5900		E-Mail <i>kimberly.shiroodi@woodplc.com</i>		E-MAIL <i>brian.johnson@woodplc.com</i>		REQUESTED ANALYSIS							
TURNAROUND TIME <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 10 DAYS <input checked="" type="checkbox"/> Standard													
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL ___/___/___													
SPECIAL INSTRUCTIONS <i>GW Samples potentially contain elevated levels of PFAS. * filter as needed</i>													
LAB USE ONLY	SAMPLE ID	SAMPLING		Matrix	#Cont	QC Level	PFAS by LC/MS-MS						
		DATE	TIME										
	<i>I003 MW05D - 20200701</i>	<i>7/1/20</i>	<i>15:45</i>	<i>GW</i>	<i>2</i>	<i>IV</i>	<i>X</i>						
	<i>E803 - 20200702</i>	<i>7/2/20</i>	<i>15:00</i>	<i>BW</i>	<i>2</i>		<i>X</i>						
	<i>TW07D - 20200702</i>	<i>"</i>	<i>11:30</i>	<i>GW</i>	<i>3*</i>	<i>IV</i>	<i>X</i>						
	<i>TW05D - 20200702</i>	<i>"</i>	<i>14:00</i>	<i>"</i>	<i>3*</i>	<i>IV</i>	<i>X</i>						
Relinquished by: (Signature) <i>Uey Rulke</i>				Received by: (Signature) / Carrier Tracking Number <i>FedEx</i>				Date: <i>7/2/20</i>	Time: <i>16:00</i>				
Relinquished by: (Signature) <i>FedEx</i>				Received by: (Signature) <i>[Signature]</i>				Date: <i>07/03/2020</i>	Time: <i>08:40</i>				
Relinquished by: (Signature)				Received by: (Signature)				Date:	Time:				

Sample Log-In Checklist

 Page # 1 of 1

 Vista Work Order #: 2001409 TAT std

Samples Arrival:	Date/Time: 07/03/2020 08:46	Initials: HOG	Location: WR-2
			Shelf/Rack: NA
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac
		<input type="checkbox"/> GLS	<input type="checkbox"/> DHL
		<input type="checkbox"/> Hand Delivered	<input type="checkbox"/> Other
Preservation:	<input checked="" type="checkbox"/> Ice	<input type="checkbox"/> Blue Ice	<input type="checkbox"/> Dry Ice
	<input type="checkbox"/> None		
Temp °C: 2.0 (uncorrected)	Probe used: Y / <input checked="" type="checkbox"/> N		Thermometer ID: IR-3
Temp °C: 2.0 (corrected)			

	YES	NO	NA
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Custody Seals Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Airbill <u>—</u> Trk # <u>8142 4183 5180</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Documentation Present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Container	<input checked="" type="checkbox"/> Vista	<input type="checkbox"/> Client	<input type="checkbox"/> Retain
	<input type="checkbox"/> Return	<input type="checkbox"/> Dispose	
Chain of Custody / Sample Documentation Present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chain of Custody / Sample Documentation Complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Holding Time Acceptable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Logged In:	Date/Time: 07/03/20 09:14	Initials: WWS	Location: R-13, WR-2 ↓ ↓ Shelf/Rack: 2-2, 6-2
COC Anomaly/Sample Acceptance Form completed?			
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

CoC/Label Reconciliation Report WO# 2001409

LabNumber	CoC Sample ID	SampleAlias	Sample Date/Time	Container	BaseMatrix	Sample Comments
2001409-01	A EB02-20200701		01-Jul-20 16:00	HDPE Bottle, 250 mL	Aqueous	
2001409-01	B EB02-20200701		01-Jul-20 16:00	HDPE Bottle, 250 mL	Aqueous	
2001409-02	A IS72MW16DR-20200701		01-Jul-20 07:50	HDPE Bottle, 250 mL	Aqueous	MS/MSD
2001409-02	B IS72MW16DR-20200701		01-Jul-20 07:50	HDPE Bottle, 250 mL	Aqueous	MS/MSD
2001409-02	C IS72MW16DR-20200701		01-Jul-20 07:50	HDPE Bottle, 250 mL	Aqueous	MS/MSD
2001409-02	D IS72MW16DR-20200701		01-Jul-20 07:50	HDPE Bottle, 250 mL	Aqueous	MS/MSD
2001409-02	E IS72MW16DR-20200701		01-Jul-20 07:50	HDPE Bottle, 250 mL	Aqueous	MS/MSD
2001409-02	F IS72MW16DR-20200701		01-Jul-20 07:50	HDPE Bottle, 250 mL	Aqueous	MS/MSD
2001409-03	A IS72MW15D-20200701		01-Jul-20 08:40	HDPE Bottle, 250 mL	Aqueous	
2001409-03	B IS72MW15D-20200701		01-Jul-20 08:40	HDPE Bottle, 250 mL	Aqueous	
2001409-04	A 222MW09D-20200701		01-Jul-20 09:40	HDPE Bottle, 250 mL	Aqueous	
2001409-04	B 222MW09D-20200701		01-Jul-20 09:40	HDPE Bottle, 250 mL	Aqueous	
2001409-05	A DUP02-20200701		01-Jul-20 09:45	HDPE Bottle, 250 mL	Aqueous	
2001409-05	B DUP02-20200701		01-Jul-20 09:45	HDPE Bottle, 250 mL	Aqueous	
2001409-06	A IS72MW17D-20200701		01-Jul-20 10:30	HDPE Bottle, 250 mL	Aqueous	
2001409-06	B IS72MW17D-20200701		01-Jul-20 10:30	HDPE Bottle, 250 mL	Aqueous	
2001409-07	A DUP03-20200701		01-Jul-20 10:35	HDPE Bottle, 250 mL	Aqueous	
2001409-07	B DUP03-20200701		01-Jul-20 10:35	HDPE Bottle, 250 mL	Aqueous	
2001409-08	A I003MW01D-20200701		01-Jul-20 11:25	HDPE Bottle, 250 mL	Aqueous	MS/MSD
2001409-08	B I003MW01D-20200701		01-Jul-20 11:25	HDPE Bottle, 250 mL	Aqueous	MS/MSD
2001409-08	C I003MW01D-20200701		01-Jul-20 11:25	HDPE Bottle, 250 mL	Aqueous	MS/MSD
2001409-08	D I003MW01D-20200701		01-Jul-20 11:25	HDPE Bottle, 250 mL	Aqueous	MS/MSD
2001409-08	E I003MW01D-20200701		01-Jul-20 11:25	HDPE Bottle, 250 mL	Aqueous	MS/MSD
2001409-08	F I003MW01D-20200701		01-Jul-20 11:25	HDPE Bottle, 250 mL	Aqueous	MS/MSD
2001409-09	A I003MW02D-20200701		01-Jul-20 13:20	HDPE Bottle, 250 mL	Aqueous	
2001409-09	B I003MW02D-20200701		01-Jul-20 13:20	HDPE Bottle, 250 mL	Aqueous	
2001409-10	A DUP04-20200701		01-Jul-20 13:25	HDPE Bottle, 250 mL	Aqueous	
2001409-10	B DUP04-20200701		01-Jul-20 13:25	HDPE Bottle, 250 mL	Aqueous	
2001409-11	A I003MW05D-20200701		01-Jul-20 15:45	HDPE Bottle, 250 mL	Aqueous	

2001409-11	B	I003MW05D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 15:45	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-12	A	EB03-20200702	<input checked="" type="checkbox"/>	02-Jul-20 15:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-12	B	EB03-20200702	<input checked="" type="checkbox"/>	02-Jul-20 15:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
* 2001409-13	A	TW07D-20200702	<input checked="" type="checkbox"/>	02-Jul-20 11:30	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
* 2001409-13	B	TW07D-20200702	<input checked="" type="checkbox"/>	02-Jul-20 11:30	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
* 2001409-13	C	TW07D-20200702	<input checked="" type="checkbox"/>	02-Jul-20 11:30	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
* 2001409-14	A	TW05D-20200702	<input checked="" type="checkbox"/>	02-Jul-20 14:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
* 2001409-14	B	TW05D-20200702	<input checked="" type="checkbox"/>	02-Jul-20 14:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
* 2001409-14	C	TW05D-20200702	<input checked="" type="checkbox"/>	02-Jul-20 14:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous

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

	Yes	No	NA
Sample Container Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample Custody Seals Intact?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Adequate Sample Volume?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Container Type Appropriate for Analysis(es)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preservation Documented: Na2S2O3 Trizma <u>None</u> Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
If Chlorinated or Drinking Water Samples, Acceptable Preservation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments: * particulate present in sample

Verified by/Date: WMS 07/03/20



July 24, 2020

Vista Work Order No. 2001409

Ms. Kimberly Shiroodi
KMEA
2423 Hoover Avenue
National City, CA 91950

Dear Ms. Shiroodi,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on July 03, 2020 under your Project Name 'MCAS El Toro and Tustin, PFAS'.

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

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

Sincerely,

Martha Maier
Laboratory Director



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

Vista Work Order No. 2001409

Case Narrative

Sample Condition on Receipt:

Two blank water samples and twelve groundwater samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

PFAS Isotope Dilution/LC-MSMS Method Compliant with Table B-15 of QSM 5.3 (Aqueous)

The following samples contained particulate and were centrifuged prior to extraction:

<u>Laboratory ID</u>	<u>Sample Name</u>
2001409-04	222MW09D-20200701
2001409-05	DUP02-20200701
2001409-06	IS72MW17D-20200701
2001409-07	DUP03-20200701
2001409-13	TW07D-20200702
2001409-14	TW05D-20200702

The samples were extracted and analyzed for a selected list of PFAS using Isotope Dilution and LC-MS/MS compliant with Table B-15 of QSM 5.3. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the hold times.

Quality Control

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

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 the LOQ. The OPR recoveries were within the method acceptance criteria.

As requested, an MS/MSD were performed on samples "IS72MW16DR-20200701" and "I003MW01D-20200701". The MS/MSD recoveries and RPDs for sample "IS72MW16DR-20200701" were within the method acceptance criteria. The MS/MSD recoveries and/or RPDs for sample "I003MW01D-20200701" were outside of the acceptance criteria for PFBS, PFHxA, PFHpA, PFHxS, PFOA, PFNA, and PFOS.

The labeled standard recoveries outside the acceptance criteria are flagged with an "H" qualifier.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2001409-01	EB02-20200701	01-Jul-20 16:00	03-Jul-20 08:46	HDPE Bottle, 250 mL
2001409-02	IS72MW16DR-20200701	MS/MSD01-Jul-20 07:50	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-03	IS72MW15D-20200701	01-Jul-20 08:40	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-04	222MW09D-20200701	01-Jul-20 09:40	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-05	DUP02-20200701	01-Jul-20 09:45	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-06	IS72MW17D-20200701	01-Jul-20 10:30	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-07	DUP03-20200701	01-Jul-20 10:35	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-08	I003MW01D-20200701	MS/MSD01-Jul-20 11:25	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-09	I003MW02D-20200701	01-Jul-20 13:20	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-10	DUP04-20200701	01-Jul-20 13:25	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-11	I003MW05D-20200701	01-Jul-20 15:45	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-12	EB03-20200702	02-Jul-20 15:00	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-13	TW07D-20200702	02-Jul-20 11:30	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2001409-14	TW05D-20200702	02-Jul-20 14:00	03-Jul-20 08:46	HDPE Bottle, 250 mL HDPE Bottle, 250 mL HDPE Bottle, 250 mL

ANALYTICAL RESULTS

Sample ID: Method Blank
PFAS Isotope Dilution Table B-15

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Aqueous	Lab Sample:	B0G0034-BLK1	Column:	BEH C18
Project:	MCAS El Toro and Tustin, PFAS						

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFHxA	307-24-4	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
HFPO-DA	13252-13-6	ND	0.00241	0.00300	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFHpA	375-85-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
ADONA	919005-14-4	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFHxS	355-46-4	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFOA	335-67-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFNA	375-95-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFOS	1763-23-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
9Cl-PF3ONS	756426-58-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFDA	335-76-2	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
MeFOSAA	2355-31-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
EtFOSAA	2991-50-6	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFUnA	2058-94-8	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
11Cl-PF3OUdS	763051-92-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFDoA	307-55-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFTrDA	72629-94-8	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
PFTeDA	376-06-7	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	73.7	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C3-HFPO-DA	IS	63.4	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C2-PFHxA	IS	70.9	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C4-PFHpA	IS	65.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C3-PFHxS	IS	72.4	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C5-PFNA	IS	64.8	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C2-PFOA	IS	68.7	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C8-PFOS	IS	68.0	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C2-PFDA	IS	64.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
d3-MeFOSAA	IS	58.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C2-PFUnA	IS	59.1	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
d5-EtFOSAA	IS	56.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C2-PFDoA	IS	62.0	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1
13C2-PFTeDA	IS	58.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:35	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: OPR

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Aqueous		Lab Sample:	B0G0034-BS1	Column:	BEH C18			
Project:	MCAS El Toro and Tustin, PFAS										

Analyte	CAS Number	Amt Found (ug/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0415	0.0400	104	72 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFHxA	307-24-4	0.0421	0.0400	105	72 - 129		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
HFPO-DA	13252-13-6	0.0366	0.0400	91.6	70 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFHpA	375-85-9	0.0426	0.0400	107	72 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
ADONA	919005-14-4	0.0423	0.0400	106	70 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFHxS	355-46-4	0.0400	0.0400	100	68 - 131		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFOA	335-67-1	0.0414	0.0400	104	71 - 133		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFNA	375-95-1	0.0421	0.0400	105	69 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFOS	1763-23-1	0.0355	0.0400	88.7	65 - 140		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
9CI-PF3ONS	756426-58-1	0.0357	0.0400	89.3	70 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFDA	335-76-2	0.0425	0.0400	106	71 - 129		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
MeFOSAA	2355-31-9	0.0394	0.0400	98.5	65 - 136		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
EtFOSAA	2991-50-6	0.0416	0.0400	104	61 - 135		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFUnA	2058-94-8	0.0423	0.0400	106	69 - 133		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
11CI-PF3OUdS	763051-92-9	0.0508	0.0400	127	70 - 130		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFDoA	307-55-1	0.0495	0.0400	124	72 - 134		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFTTrDA	72629-94-8	0.0442	0.0400	110	65 - 144		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
PFTeDA	376-06-7	0.0416	0.0400	104	71 - 132		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	85.8	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C3-HFPO-DA	IS	75.6	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C2-PFHxA	IS	79.5	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C4-PFHpA	IS	76.3	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C3-PFHxS	IS	80.4	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C5-PFNA	IS	72.6	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C2-PFOA	IS	81.0	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C8-PFOS	IS	82.4	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C2-PFDA	IS	70.2	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
d3-MeFOSAA	IS	66.7	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C2-PFUnA	IS	66.3	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
d5-EtFOSAA	IS	63.1	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C2-PFDoA	IS	51.9	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1
13C2-PFTeDA	IS	59.2	50- 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 02:45	1

Sample ID: EB02-20200701

PFAS Isotope Dilution Table B-15

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Blank Water	Lab Sample:	2001409-01	Column:	BEH C18
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 16:00	Date Received:	03-Jul-20 08:46		

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFHxA	307-24-4	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
HFPO-DA	13252-13-6	ND	0.00247	0.00307	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFHpA	375-85-9	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
ADONA	919005-14-4	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFHxS	355-46-4	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFOA	335-67-1	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFNA	375-95-1	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFOS	1763-23-1	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
9Cl-PF3ONS	756426-58-1	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFDA	335-76-2	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
MeFOSAA	2355-31-9	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
EtFOSAA	2991-50-6	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFUnA	2058-94-8	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
11Cl-PF3OUdS	763051-92-9	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFDoA	307-55-1	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFTrDA	72629-94-8	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
PFTeDA	376-06-7	ND	0.00140	0.00205	0.00410		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	87.5	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C3-HFPO-DA	IS	60.5	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C2-PFHxA	IS	71.5	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C4-PFHpA	IS	77.2	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C3-PFHxS	IS	75.4	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C5-PFNA	IS	70.0	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C2-PFOA	IS	76.5	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C8-PFOS	IS	70.2	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C2-PFDA	IS	75.4	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
d3-MeFOSAA	IS	67.7	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C2-PFUnA	IS	67.9	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
d5-EtFOSAA	IS	66.0	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C2-PFDoA	IS	69.3	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1
13C2-PFTeDA	IS	63.1	50 - 150		B0G0034	11-Jul-20	0.244 L	15-Jul-20 03:37	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: IS72MW16DR-20200701

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-02	Column:	BEH C18				
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 07:50	Date Received:	03-Jul-20 08:46						

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0236	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFHxA	307-24-4	0.0429	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
HFPO-DA	13252-13-6	ND	0.00255	0.00318	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFHpA	375-85-9	0.0132	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
ADONA	919005-14-4	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFHxS	355-46-4	0.161	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFOA	335-67-1	0.167	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFNA	375-95-1	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFOS	1763-23-1	0.0650	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
9Cl-PF3ONS	756426-58-1	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFDA	335-76-2	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
MeFOSAA	2355-31-9	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
EtFOSAA	2991-50-6	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFUnA	2058-94-8	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
11Cl-PF3OUdS	763051-92-9	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFDoA	307-55-1	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFTrDA	72629-94-8	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
PFTeDA	376-06-7	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	85.8	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C3-HFPO-DA	IS	65.0	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C2-PFHxA	IS	74.7	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C4-PFHpA	IS	73.6	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C3-PFHxS	IS	78.3	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C5-PFNA	IS	69.1	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C2-PFOA	IS	78.1	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C8-PFOS	IS	84.5	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C2-PFDA	IS	84.3	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
d3-MeFOSAA	IS	76.4	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C2-PFUnA	IS	78.0	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
d5-EtFOSAA	IS	77.6	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C2-PFDoA	IS	78.7	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1
13C2-PFTeDA	IS	75.3	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 03:47	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: IS72MW16DR-20200701

PFAS Isotope Dilution Table B-15

Name:	KMEA	Lab Sample:	B0G0034-MS1/B0G0034-MSD1	Source Lab Sample:	2001409-02
Project:	MCAS El Toro and Tustin, PFAS	QC Batch:	B0G0034	Date Extracted:	11-Jul-20
Matrix:	Aqueous	Samp Size:	0.242/0.245 L	Column:	BEH C18

Analyte	CAS Number	Sample (ug/L)	MS (ug/L)	MS Spike	MS % Rec	MS Quals	MSD (ug/L)	MSD Spike	MSD % Rec	RPD	MSD Quals	%Rec Limits	RPD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
PFBS	375-73-5	0.0236	0.0654	0.0414	101		0.0647	0.0409	100	0.995		72-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFHxA	307-24-4	0.0429	0.0889	0.0414	111		0.0900	0.0409	115	3.54		72-129	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
HFPO-DA	13252-13-6	ND	0.0403	0.0414	97.4		0.0381	0.0409	93.1	4.51		70-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFHpA	375-85-9	0.0132	0.0605	0.0414	114		0.0538	0.0409	99.2	13.9		72-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
ADONA	919005-14-4	ND	0.0434	0.0414	105		0.0383	0.0409	93.7	11.4		70-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFHxS	355-46-4	0.161	0.198	0.0414	90.5		0.189	0.0409	69.5	26.3		68-131	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFOA	335-67-1	0.167	0.212	0.0414	109		0.206	0.0409	95.0	13.7		71-133	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFNA	375-95-1	ND	0.0467	0.0414	111		0.0497	0.0409	119	6.96		69-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFOS	1763-23-1	0.0650	0.115	0.0414	121		0.107	0.0409	102	17.0		65-140	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
9Cl-PF3ONS	756426-58-1	ND	0.0427	0.0414	103		0.0353	0.0409	86.2	17.8		70-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFDA	335-76-2	ND	0.0472	0.0414	114		0.0484	0.0409	118	3.45		71-129	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
MeFOSAA	2355-31-9	ND	0.0442	0.0414	107		0.0424	0.0409	104	2.84		65-136	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
EtFOSAA	2991-50-6	ND	0.0544	0.0414	131		0.0411	0.0409	100	26.8		61-135	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFUnA	2058-94-8	ND	0.0483	0.0414	117		0.0443	0.0409	108	8.00		69-133	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
11Cl-PF3OUdS	763051-92-9	ND	0.0403	0.0414	97.4		0.0486	0.0409	119	20.0		70-130	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFDoA	307-55-1	ND	0.0423	0.0414	102		0.0432	0.0409	106	3.85		72-134	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFTrDA	72629-94-8	ND	0.0423	0.0414	102		0.0477	0.0409	117	13.7		65-144	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1
PFTeDA	376-06-7	ND	0.0424	0.0414	102		0.0389	0.0409	95.2	6.90		71-132	30	15-Jul-20 02:56	1	15-Jul-20 03:06	1

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C3-PFBS	IS	88.6		80.9		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C3-HFPO-DA	IS	67.1		62.1		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C2-PFHxA	IS	78.4		64.9		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C4-PFHpA	IS	76.4		70.3		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C3-PFHxS	IS	79.7		68.6		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C5-PFNA	IS	72.3		63.9		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C2-PFOA	IS	78.4		69.6		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C8-PFOS	IS	77.3		69.0		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C2-PFDA	IS	71.2		67.1		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
d3-MeFOSAA	IS	73.5		68.7		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C2-PFUnA	IS	68.4		63.2		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
d5-EtFOSAA	IS	61.2		66.7		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1
13C2-PFDoA	IS	70.8		63.0		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1

Sample ID: IS72MW16DR-20200701	PFAS Isotope Dilution Table B-15
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Name: KMEA	Lab Sample: B0G0034-MS1/B0G0034-MSD1	Source Lab Sample: 2001409-02
Project: MCAS El Toro and Tustin, PFAS	QC Batch: B0G0034	Date Extracted: 11-Jul-20
Matrix: Aqueous	Samp Size: 0.242/0.245 L	Column: BEH C18

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C2-PFTeDA	IS	67.1		63.7		50-150	15-Jul-20 02:56	1	15-Jul-20 03:06	1

Sample ID: IS72MW15D-20200701

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-03	Column:	BEH C18				
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 08:40	Date Received:	03-Jul-20 08:46						

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0191	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFHxA	307-24-4	0.0454	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
HFPO-DA	13252-13-6	ND	0.00236	0.00293	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFHpA	375-85-9	0.0143	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
ADONA	919005-14-4	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFHxS	355-46-4	0.149	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFOA	335-67-1	0.167	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFNA	375-95-1	0.00153	0.00134	0.00195	0.00391	J	B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFOS	1763-23-1	0.136	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
9Cl-PF3ONS	756426-58-1	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFDA	335-76-2	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
MeFOSAA	2355-31-9	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
EtFOSAA	2991-50-6	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFUnA	2058-94-8	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
11Cl-PF3OUdS	763051-92-9	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFDoA	307-55-1	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFTrDA	72629-94-8	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
PFTeDA	376-06-7	ND	0.00134	0.00195	0.00391		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	89.0	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C3-HFPO-DA	IS	60.0	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C2-PFHxA	IS	69.4	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C4-PFHpA	IS	70.2	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C3-PFHxS	IS	79.7	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C5-PFNA	IS	60.7	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C2-PFOA	IS	70.8	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C8-PFOS	IS	79.4	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C2-PFDA	IS	76.7	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
d3-MeFOSAA	IS	72.0	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C2-PFUnA	IS	68.3	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
d5-EtFOSAA	IS	62.7	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C2-PFDoA	IS	76.8	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1
13C2-PFTeDA	IS	63.2	50 - 150		B0G0034	11-Jul-20	0.256 L	15-Jul-20 03:58	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: 222MW09D-20200701
PFAS Isotope Dilution Table B-15

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-04	Column:	BEH C18
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 09:40	Date Received:	03-Jul-20 08:46		

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0105	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFHxA	307-24-4	0.0207	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
HFPO-DA	13252-13-6	ND	0.00244	0.00304	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFHpA	375-85-9	0.00555	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
ADONA	919005-14-4	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFHxS	355-46-4	0.0702	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFOA	335-67-1	0.0839	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFNA	375-95-1	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFOS	1763-23-1	0.0150	0.00139	0.00202	0.00405	Q	B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
9Cl-PF3ONS	756426-58-1	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFDA	335-76-2	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
MeFOSAA	2355-31-9	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
EtFOSAA	2991-50-6	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFUnA	2058-94-8	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
11Cl-PF3OUdS	763051-92-9	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFDoA	307-55-1	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFTrDA	72629-94-8	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
PFTeDA	376-06-7	ND	0.00139	0.00202	0.00405		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	81.5	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C3-HFPO-DA	IS	59.6	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C2-PFHxA	IS	70.2	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C4-PFHpA	IS	68.0	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C3-PFHxS	IS	64.8	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C5-PFNA	IS	63.6	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C2-PFOA	IS	70.7	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C8-PFOS	IS	69.6	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C2-PFDA	IS	66.2	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
d3-MeFOSAA	IS	67.7	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C2-PFUnA	IS	65.0	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
d5-EtFOSAA	IS	67.5	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C2-PFDoA	IS	66.3	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1
13C2-PFTeDA	IS	62.2	50 - 150		B0G0034	11-Jul-20	0.247 L	15-Jul-20 04:08	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: DUP02-20200701

PFAS Isotope Dilution Table B-15

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-05	Column:	BEH C18
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 09:45	Date Received:	03-Jul-20 08:46		

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0105	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFHxA	307-24-4	0.0226	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
HFPO-DA	13252-13-6	ND	0.00233	0.00290	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFHpA	375-85-9	0.00521	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
ADONA	919005-14-4	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFHxS	355-46-4	0.0610	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFOA	335-67-1	0.0822	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFNA	375-95-1	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFOS	1763-23-1	0.0154	0.00132	0.00193	0.00386	Q	B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
9Cl-PF3ONS	756426-58-1	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFDA	335-76-2	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
MeFOSAA	2355-31-9	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
EtFOSAA	2991-50-6	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFUnA	2058-94-8	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
11Cl-PF3OUdS	763051-92-9	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFDoA	307-55-1	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFTrDA	72629-94-8	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
PFTeDA	376-06-7	ND	0.00132	0.00193	0.00386		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	74.2	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C3-HFPO-DA	IS	56.9	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C2-PFHxA	IS	73.6	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C4-PFHpA	IS	71.2	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C3-PFHxS	IS	72.6	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C5-PFNA	IS	67.9	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C2-PFOA	IS	70.4	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C8-PFOS	IS	73.2	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C2-PFDA	IS	74.6	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
d3-MeFOSAA	IS	70.4	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C2-PFUnA	IS	63.4	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
d5-EtFOSAA	IS	66.0	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C2-PFDoA	IS	67.4	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1
13C2-PFTeDA	IS	55.3	50 - 150		B0G0034	11-Jul-20	0.259 L	15-Jul-20 04:18	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: IS72MW17D-20200701

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-06	Column:	BEH C18				
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 10:30	Date Received:	03-Jul-20 08:46						

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0262	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFHxA	307-24-4	0.185	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
HFPO-DA	13252-13-6	ND	0.00243	0.00302	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFHpA	375-85-9	0.0980	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
ADONA	919005-14-4	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFHxS	355-46-4	0.0788	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFOA	335-67-1	0.781	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFNA	375-95-1	0.00477	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFOS	1763-23-1	0.0432	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
9Cl-PF3ONS	756426-58-1	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFDA	335-76-2	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
MeFOSAA	2355-31-9	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
EtFOSAA	2991-50-6	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFUnA	2058-94-8	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
11Cl-PF3OUdS	763051-92-9	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFDoA	307-55-1	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFTrDA	72629-94-8	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
PFTeDA	376-06-7	ND	0.00138	0.00202	0.00403		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	77.2	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C3-HFPO-DA	IS	53.7	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C2-PFHxA	IS	68.5	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C4-PFHpA	IS	66.1	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C3-PFHxS	IS	67.0	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C5-PFNA	IS	69.1	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C2-PFOA	IS	67.6	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C8-PFOS	IS	72.0	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C2-PFDA	IS	76.1	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
d3-MeFOSAA	IS	72.4	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C2-PFUnA	IS	62.7	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
d5-EtFOSAA	IS	64.1	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C2-PFDoA	IS	65.9	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1
13C2-PFTeDA	IS	54.4	50 - 150		B0G0034	11-Jul-20	0.248 L	15-Jul-20 04:29	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: DUP03-20200701
PFAS Isotope Dilution Table B-15

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-07	Column:	BEH C18
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 10:35	Date Received:	03-Jul-20 08:46		

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.0285	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFHxA	307-24-4	0.189	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
HFPO-DA	13252-13-6	ND	0.00246	0.00306	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFHpA	375-85-9	0.0945	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
ADONA	919005-14-4	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFHxS	355-46-4	0.0737	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFOA	335-67-1	0.755	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFNA	375-95-1	0.00546	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFOS	1763-23-1	0.0418	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
9Cl-PF3ONS	756426-58-1	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFDA	335-76-2	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
MeFOSAA	2355-31-9	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
EtFOSAA	2991-50-6	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFUnA	2058-94-8	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
11Cl-PF3OUdS	763051-92-9	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFDoA	307-55-1	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFTrDA	72629-94-8	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
PFTeDA	376-06-7	ND	0.00140	0.00204	0.00409		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	80.4	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C3-HFPO-DA	IS	62.6	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C2-PFHxA	IS	72.4	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C4-PFHpA	IS	73.4	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C3-PFHxS	IS	81.3	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C5-PFNA	IS	70.6	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C2-PFOA	IS	73.5	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C8-PFOS	IS	82.8	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C2-PFDA	IS	74.5	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
d3-MeFOSAA	IS	77.1	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C2-PFUnA	IS	68.3	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
d5-EtFOSAA	IS	72.4	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C2-PFDoA	IS	77.3	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1
13C2-PFTeDA	IS	61.1	50 - 150		B0G0034	11-Jul-20	0.245 L	15-Jul-20 04:39	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: I003MW01D-20200701

PFAS Isotope Dilution Table B-15

Client Data				Laboratory Data			
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-08	Column:	BEH C18
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 11:25	Date Received:	03-Jul-20 08:46		

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.982	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFHxA	307-24-4	4.92	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
HFPO-DA	13252-13-6	ND	0.00241	0.00300	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFHpA	375-85-9	0.853	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
ADONA	919005-14-4	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFHxS	355-46-4	5.98	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
PFOA	335-67-1	10.6	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
PFNA	375-95-1	0.0153	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFOS	1763-23-1	3.12	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
9Cl-PF3ONS	756426-58-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFDA	335-76-2	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
MeFOSAA	2355-31-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
EtFOSAA	2991-50-6	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFUnA	2058-94-8	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
11Cl-PF3OUdS	763051-92-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFDoA	307-55-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFTrDA	72629-94-8	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
PFTeDA	376-06-7	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	70.9	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C3-HFPO-DA	IS	59.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C2-PFHxA	IS	103	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
13C4-PFHpA	IS	67.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C3-PFHxS	IS	100	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
13C5-PFNA	IS	61.7	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C2-PFOA	IS	119	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
13C8-PFOS	IS	130	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:34	10
13C2-PFDA	IS	72.3	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
d3-MeFOSAA	IS	70.8	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C2-PFUnA	IS	62.3	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
d5-EtFOSAA	IS	57.4	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C2-PFDoA	IS	67.5	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1
13C2-PFTeDA	IS	61.4	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 04:50	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: I003MW01D-20200701

PFAS Isotope Dilution Table B-15

Name:	KMEA	Lab Sample:	B0G0034-MS2/B0G0034-MSD2	Source Lab Sample:	2001409-08
Project:	MCAS El Toro and Tustin, PFAS	QC Batch:	B0G0034	Date Extracted:	11-Jul-20
Matrix:	Aqueous	Samp Size:	0.246/0.258 L	Column:	BEH C18

Analyte	CAS Number	Sample (ug/L)	MS (ug/L)	MS Spike	MS % Rec	MS Quals	MSD (ug/L)	MSD Spike	MSD % Rec	MSD RPD	MSD Quals	%Rec Limits	RPD Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
PFBS	375-73-5	0.982	1.02	0.0407	104		1.00	0.0388	48.3	73.1	H	72-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFHxA	307-24-4	4.92	6.73	0.407	444	D, H	4.86	0.388	-16.0	215	D, H	72-129	30	16-Jul-20 20:49	10	15-Jul-20 16:24	10
HFPO-DA	13252-13-6	ND	0.0408	0.0407	100		0.0401	0.0388	103	2.96		70-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFHpA	375-85-9	0.853	0.955	0.0407	250	H	0.956	0.0388	265	5.83	H	72-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
ADONA	919005-14-4	ND	0.0452	0.0407	111		0.0453	0.0388	117	5.26		70-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFHxS	355-46-4	5.98	11.1	0.407	1260	D, H	7.48	0.388	387	106	D, H	68-131	30	16-Jul-20 20:49	10	15-Jul-20 16:24	10
PFOA	335-67-1	10.6	11.3	0.407	160	D, H	10.8	0.388	39.3	121	D, H	71-133	30	16-Jul-20 20:49	10	15-Jul-20 16:24	10
PFNA	375-95-1	0.0153	0.0693	0.0407	133	H	0.0607	0.0388	117	12.8		69-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFOS	1763-23-1	3.12	4.10	0.407	240	D, H	5.59	0.388	636	90.4	D, H	65-140	30	16-Jul-20 20:49	10	15-Jul-20 16:24	10
9CI-PF3ONS	756426-58-1	ND	0.0492	0.0407	121		0.0491	0.0388	127	4.84		70-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFDA	335-76-2	ND	0.0463	0.0407	112		0.0432	0.0388	109	2.71		71-129	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
MeFOSAA	2355-31-9	ND	0.0422	0.0407	103		0.0418	0.0388	107	3.81		65-136	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
EtFOSAA	2991-50-6	ND	0.0410	0.0407	101		0.0425	0.0388	110	8.53		61-135	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFUnA	2058-94-8	ND	0.0443	0.0407	109		0.0426	0.0388	110	0.913		69-133	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
11CI-PF3OUdS	763051-92-9	ND	0.0413	0.0407	102		0.0433	0.0388	112	9.35		70-130	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFDoA	307-55-1	ND	0.0405	0.0407	99.6		0.0413	0.0388	106	6.23		72-134	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFTTrDA	72629-94-8	ND	0.0373	0.0407	91.6		0.0393	0.0388	101	9.76		65-144	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1
PFTeDA	376-06-7	ND	0.0415	0.0407	102		0.0451	0.0388	116	12.8		71-132	30	15-Jul-20 03:16	1	15-Jul-20 03:27	1

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C3-PFBS	IS	70.9		73.3		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
13C3-HFPO-DA	IS	63.5		62.6		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
13C2-PFHxA	IS	56.0	D	67.0	D	50-150	16-Jul-20 20:49	10	15-Jul-20 16:24	10
13C4-PFHpA	IS	66.6		68.3		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
13C3-PFHxS	IS	49.0	D, H	56.0	D	50-150	16-Jul-20 20:49	10	15-Jul-20 16:24	10
13C5-PFNA	IS	68.8		66.0		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
13C2-PFOA	IS	68.1	D	76.6	D	50-150	16-Jul-20 20:49	10	15-Jul-20 16:24	10
13C8-PFOS	IS	52.0	D	50.0	D	50-150	16-Jul-20 20:49	10	15-Jul-20 16:24	10
13C2-PFDA	IS	74.7		76.3		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
d3-MeFOSAA	IS	72.1		69.3		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
13C2-PFUnA	IS	65.9		65.7		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
d5-EtFOSAA	IS	68.5		67.4		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1
13C2-PFDoA	IS	72.2		68.2		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1

Sample ID: I003MW01D-20200701	PFAS Isotope Dilution Table B-15
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Name: KMEA	Lab Sample: B0G0034-MS2/B0G0034-MSD2	Source Lab Sample: 2001409-08
Project: MCAS El Toro and Tustin, PFAS	QC Batch: B0G0034	Date Extracted: 11-Jul-20
Matrix: Aqueous	Samp Size: 0.246/0.258 L	Column: BEH C18

Labeled Standards	Type	MS % Rec	MS Quals	MSD % Rec	MSD Quals	Limits	MS Analyzed	MS Dil	MSD Analyzed	MSD Dil
13C2-PFTeDA	IS	62.6		58.3		50-150	15-Jul-20 03:16	1	15-Jul-20 03:27	1

Sample ID: I003MW02D-20200701

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-09	Column:	BEH C18				
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 13:20	Date Received:	03-Jul-20 08:46						

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.364	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFHxA	307-24-4	2.59	0.0133	0.0195	0.0390	D	B0G0034	11-Jul-20	0.257 L	15-Jul-20 16:45	10
HFPO-DA	13252-13-6	ND	0.00235	0.00292	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFHpA	375-85-9	0.537	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
ADONA	919005-14-4	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFHxS	355-46-4	2.49	0.0133	0.0195	0.0390	D	B0G0034	11-Jul-20	0.257 L	15-Jul-20 16:45	10
PFOA	335-67-1	11.1	0.0133	0.0195	0.0390	D	B0G0034	11-Jul-20	0.257 L	15-Jul-20 16:45	10
PFNA	375-95-1	0.00392	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFOS	1763-23-1	0.879	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
9Cl-PF3ONS	756426-58-1	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFDA	335-76-2	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
MeFOSAA	2355-31-9	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
EtFOSAA	2991-50-6	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFUnA	2058-94-8	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
11Cl-PF3OUdS	763051-92-9	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFDoA	307-55-1	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFTrDA	72629-94-8	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
PFTeDA	376-06-7	ND	0.00133	0.00195	0.00390		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	72.4	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C3-HFPO-DA	IS	58.5	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C2-PFHxA	IS	135	50 - 150	D	B0G0034	11-Jul-20	0.257 L	15-Jul-20 16:45	10
13C4-PFHpA	IS	62.4	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C3-PFHxS	IS	139	50 - 150	D	B0G0034	11-Jul-20	0.257 L	15-Jul-20 16:45	10
13C5-PFNA	IS	66.8	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C2-PFOA	IS	137	50 - 150	D	B0G0034	11-Jul-20	0.257 L	15-Jul-20 16:45	10
13C8-PFOS	IS	70.7	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C2-PFDA	IS	67.2	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
d3-MeFOSAA	IS	63.9	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C2-PFUnA	IS	64.8	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
d5-EtFOSAA	IS	56.8	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C2-PFDoA	IS	60.8	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1
13C2-PFTeDA	IS	58.2	50 - 150		B0G0034	11-Jul-20	0.257 L	16-Jul-20 20:28	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: DUP04-20200701
PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-10	Column:	BEH C18				
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 13:25	Date Received:	03-Jul-20 08:46						

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.397	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFHxA	307-24-4	2.57	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:55	10
HFPO-DA	13252-13-6	ND	0.00241	0.00300	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFHpA	375-85-9	0.529	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
ADONA	919005-14-4	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFHxS	355-46-4	2.59	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:55	10
PFOA	335-67-1	11.0	0.0137	0.0200	0.0400	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:55	10
PFNA	375-95-1	0.00425	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFOS	1763-23-1	0.972	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
9Cl-PF3ONS	756426-58-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFDA	335-76-2	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
MeFOSAA	2355-31-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
EtFOSAA	2991-50-6	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFUnA	2058-94-8	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
11Cl-PF3OUdS	763051-92-9	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFDoA	307-55-1	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFTrDA	72629-94-8	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
PFTeDA	376-06-7	ND	0.00137	0.00200	0.00400		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	82.0	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C3-HFPO-DA	IS	64.1	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C2-PFHxA	IS	133	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:55	10
13C4-PFHpA	IS	75.3	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C3-PFHxS	IS	131	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:55	10
13C5-PFNA	IS	71.3	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C2-PFOA	IS	140	50 - 150	D	B0G0034	11-Jul-20	0.250 L	15-Jul-20 16:55	10
13C8-PFOS	IS	71.6	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C2-PFDA	IS	80.0	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
d3-MeFOSAA	IS	74.1	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C2-PFUnA	IS	68.8	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
d5-EtFOSAA	IS	69.6	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C2-PFDoA	IS	74.3	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1
13C2-PFTeDA	IS	64.1	50 - 150		B0G0034	11-Jul-20	0.250 L	15-Jul-20 05:41	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: I003MW05D-20200701

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Groundwater	Lab Sample:	2001409-11	Column:	BEH C18				
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	01-Jul-20 15:45	Date Received:	03-Jul-20 08:46						

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.00356	0.00145	0.00212	0.00423	J	B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFHxA	307-24-4	0.0229	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
HFPO-DA	13252-13-6	ND	0.00255	0.00318	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFHpA	375-85-9	0.00525	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
ADONA	919005-14-4	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFHxS	355-46-4	0.0112	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFOA	335-67-1	0.0109	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFNA	375-95-1	0.00264	0.00145	0.00212	0.00423	J	B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFOS	1763-23-1	0.0570	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
9Cl-PF3ONS	756426-58-1	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFDA	335-76-2	0.00189	0.00145	0.00212	0.00423	J	B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
MeFOSAA	2355-31-9	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
EtFOSAA	2991-50-6	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFUnA	2058-94-8	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
11Cl-PF3OUdS	763051-92-9	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFDoA	307-55-1	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFTrDA	72629-94-8	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
PFTeDA	376-06-7	ND	0.00145	0.00212	0.00423		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	73.0	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C3-HFPO-DA	IS	62.2	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C2-PFHxA	IS	67.6	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C4-PFHpA	IS	71.3	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C3-PFHxS	IS	70.7	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C5-PFNA	IS	68.9	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C2-PFOA	IS	71.0	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C8-PFOS	IS	75.1	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C2-PFDA	IS	74.9	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
d3-MeFOSAA	IS	67.2	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C2-PFUnA	IS	63.4	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
d5-EtFOSAA	IS	61.6	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C2-PFDoA	IS	61.4	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1
13C2-PFTeDA	IS	63.1	50 - 150		B0G0034	11-Jul-20	0.236 L	15-Jul-20 17:05	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: EB03-20200702

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Blank Water		Lab Sample:	2001409-12		Column:	BEH C18		
Project:	MCAS El Toro and Tustin, PFAS		Date Collected:	02-Jul-20 15:00		Date Received:	03-Jul-20 08:46				

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFHxA	307-24-4	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
HFPO-DA	13252-13-6	ND	0.00249	0.00310	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFHpA	375-85-9	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
ADONA	919005-14-4	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFHxS	355-46-4	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFOA	335-67-1	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFNA	375-95-1	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFOS	1763-23-1	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
9Cl-PF3ONS	756426-58-1	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFDA	335-76-2	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
MeFOSAA	2355-31-9	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
EtFOSAA	2991-50-6	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFUnA	2058-94-8	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
11Cl-PF3OUdS	763051-92-9	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFDoA	307-55-1	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFTrDA	72629-94-8	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
PFTeDA	376-06-7	ND	0.00142	0.00207	0.00413		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	84.1	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C3-HFPO-DA	IS	69.6	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C2-PFHxA	IS	78.1	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C4-PFHpA	IS	81.9	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C3-PFHxS	IS	81.4	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C5-PFNA	IS	71.1	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C2-PFOA	IS	75.8	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C8-PFOS	IS	76.2	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C2-PFDA	IS	82.4	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
d3-MeFOSAA	IS	71.6	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C2-PFUnA	IS	75.5	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
d5-EtFOSAA	IS	70.6	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C2-PFDoA	IS	74.9	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1
13C2-PFTeDA	IS	62.7	50 - 150		B0G0034	11-Jul-20	0.242 L	15-Jul-20 06:02	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: TW07D-20200702

PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data						
Name:	KMEA	Matrix:	Groundwater		Lab Sample:	2001409-13		Column:	BEH C18		
Project:	MCAS El Toro and Tustin, PFAS		Date Collected:	02-Jul-20 11:30		Date Received:	03-Jul-20 08:46				

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFHxA	307-24-4	0.00535	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
HFPO-DA	13252-13-6	ND	0.00223	0.00278	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFHpA	375-85-9	0.00202	0.00127	0.00185	0.00371	J	B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
ADONA	919005-14-4	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFHxS	355-46-4	0.00225	0.00127	0.00185	0.00371	J	B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFOA	335-67-1	0.00616	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFNA	375-95-1	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFOS	1763-23-1	0.0402	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
9Cl-PF3ONS	756426-58-1	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFDA	335-76-2	0.00282	0.00127	0.00185	0.00371	J	B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
MeFOSAA	2355-31-9	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
EtFOSAA	2991-50-6	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFUnA	2058-94-8	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
11Cl-PF3OUdS	763051-92-9	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFDoA	307-55-1	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFTrDA	72629-94-8	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
PFTeDA	376-06-7	ND	0.00127	0.00185	0.00371		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	68.4	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C3-HFPO-DA	IS	64.2	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C2-PFHxA	IS	71.0	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C4-PFHpA	IS	70.6	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C3-PFHxS	IS	73.9	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C5-PFNA	IS	70.0	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C2-PFOA	IS	72.8	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C8-PFOS	IS	79.2	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C2-PFDA	IS	74.8	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
d3-MeFOSAA	IS	67.5	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C2-PFUnA	IS	63.7	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
d5-EtFOSAA	IS	54.5	50 - 150		B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C2-PFDoA	IS	46.2	50 - 150	H	B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1
13C2-PFTeDA	IS	12.6	50 - 150	H	B0G0034	11-Jul-20	0.270 L	15-Jul-20 17:16	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

Sample ID: TW05D-20200702
PFAS Isotope Dilution Table B-15

Client Data					Laboratory Data					
Name:	KMEA	Matrix:	Groundwater		Lab Sample:	2001409-14	Column:	BEH C18		
Project:	MCAS El Toro and Tustin, PFAS	Date Collected:	02-Jul-20 14:00		Date Received:	03-Jul-20 08:46				

Analyte	CAS Number	Conc. (ug/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	0.00677	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFHxA	307-24-4	0.0778	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
HFPO-DA	13252-13-6	ND	0.00232	0.00288	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFHpA	375-85-9	0.0184	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
ADONA	919005-14-4	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFHxS	355-46-4	0.0289	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFOA	335-67-1	0.352	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFNA	375-95-1	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFOS	1763-23-1	0.0172	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
9Cl-PF3ONS	756426-58-1	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFDA	335-76-2	0.00596	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
MeFOSAA	2355-31-9	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
EtFOSAA	2991-50-6	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFUnA	2058-94-8	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
11Cl-PF3OUdS	763051-92-9	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFDoA	307-55-1	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFTrDA	72629-94-8	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
PFTeDA	376-06-7	ND	0.00132	0.00192	0.00385		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	84.6	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C3-HFPO-DA	IS	61.1	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C2-PFHxA	IS	69.4	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C4-PFHpA	IS	67.3	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C3-PFHxS	IS	67.9	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C5-PFNA	IS	64.8	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C2-PFOA	IS	72.4	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C8-PFOS	IS	63.8	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C2-PFDA	IS	74.1	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
d3-MeFOSAA	IS	63.0	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C2-PFUnA	IS	60.2	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
d5-EtFOSAA	IS	58.8	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C2-PFDoA	IS	55.8	50 - 150		B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1
13C2-PFTeDA	IS	28.0	50 - 150	H	B0G0034	11-Jul-20	0.260 L	15-Jul-20 06:23	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

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

DATA QUALIFIERS & ABBREVIATIONS

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

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

Vista Analytical Laboratory Certifications

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

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

NELAP Accredited Test Methods

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

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

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

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

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

2001409 2.0°C

Vista PM: Jade White-Dobbs

DATE: 7/1/2020

PAGE: 1 OF 2

LABORATORY CLIENT: KMEA				CLIENT PROJECT NAME / NUMBER: MCAS El Toro and Tustin, PFAS				P.O. NO.: TO 008 Mod 4								
ADDRESS: 9210 Sky Park Court, Suite 220				PROJECT CONTACT: Kimberly Shiroodi / Brian Johnson				CONTRACT NO.: N62473-16-D-2405								
CITY: San Diego, CA 92123				SAMPLER(S): (SIGNATURE) <i>Wey Ruelke</i>				LAB USE ONLY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>								
TEL: (619) 399-5900		E-Mail <i>kimberly.shiroodi@woodplc.com</i>		E-MAIL <i>brian.johnson@woodplc.com</i>		REQUESTED ANALYSIS										
TURNAROUND TIME <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 10 DAYS <input checked="" type="checkbox"/> Standard																
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL ___/___/___																
SPECIAL INSTRUCTIONS <i>GW samples potentially contain elevated levels of PFAS.</i>																
LAB USE ONLY	SAMPLE ID	SAMPLING		Matrix	#Cont	QC Level	PFAS by LC/MS-MS									
		DATE	TIME													
	<i>EB02 - 2020 0701</i>	<i>7/1/20</i>	<i>16:00</i>	<i>BV</i>	<i>2</i>		<i>X</i>									
	<i>IS72 MW16DR - 20200701</i>		<i>7:50</i>	<i>GW</i>	<i>6</i>	<i>IV</i>	<i>X</i>		<i>MS</i>	<i>/</i>	<i>MS</i>	<i>D</i>				
	<i>IS72 MW15D - 20200701</i>		<i>8:40</i>		<i>2</i>	<i>IV</i>	<i>X</i>									
	<i>222 MW09D - 2020 0701</i>		<i>9:40</i>		<i>2</i>	<i>IV</i>	<i>X</i>									
	<i>DVP02 - 20200701</i>		<i>9:45</i>		<i>2</i>		<i>X</i>									
	<i>IS72 MW17D - 20200701</i>		<i>10:30</i>		<i>2</i>	<i>IV</i>	<i>X</i>									
	<i>DVP03 - 2020 0701</i>		<i>10:35</i>		<i>2</i>		<i>X</i>									
	<i>I003 MW01D - 2020 0701</i>		<i>11:25</i>		<i>6</i>	<i>IV</i>	<i>X</i>		<i>MS</i>	<i>/</i>	<i>MS</i>	<i>D</i>				
	<i>I003 MW02D - 2020 0701</i>		<i>13:20</i>		<i>2</i>	<i>IV</i>	<i>X</i>									
	<i>DVP04 - 2020 0701</i>		<i>13:25</i>		<i>2</i>		<i>X</i>									
Relinquished by: (Signature) <i>Wey Ruelke</i>				Received by: (Signature) / Carrier Tracking Number FedEx				Date: <i>7/2/20</i>		Time: <i>16:00</i>						
Relinquished by: (Signature) <i>FedEx</i>				Received by: (Signature) <i>Thuyh Tran</i>				Date: <i>07/03/2020</i>		Time: <i>08:46</i>						
Relinquished by: (Signature)				Received by: (Signature)				Date:		Time:						

LABORATORY CLIENT: KMEA				CLIENT PROJECT NAME / NUMBER: MCAS El Toro and Tustin, PFAS				P.O. NO.: TO 008 Mod 4			
ADDRESS: 9210 Sky Park Court, Suite 220				PROJECT CONTACT: Kimberly Shiroodi / Brian Johnson				CONTRACT NO.: N62473-16-D-2405			
CITY: San Diego, CA 92123				SAMPLER(S): (SIGNATURE) <i>Uey Rulke</i>				LAB USE ONLY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
TEL: (619) 399-5900		E-Mail <i>kimberly.shiroodi@woodplc.com</i>		E-MAIL <i>brian.johnson@woodplc.com</i>		REQUESTED ANALYSIS					
TURNAROUND TIME <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 10 DAYS <input checked="" type="checkbox"/> Standard											
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL ___/___/___											
SPECIAL INSTRUCTIONS <i>GW Samples potentially contain elevated levels of PFAS. * filter as needed</i>											
LAB USE ONLY	SAMPLE ID	SAMPLING		Matrix	#Cont	QC Level	PFAS by LC/MS-MS				
		DATE	TIME								
	<i>I003 MW05D - 20200701</i>	<i>7/1/20</i>	<i>15:45</i>	<i>GW</i>	<i>2</i>	<i>IV</i>	<i>X</i>				
	<i>E803 - 20200702</i>	<i>7/2/20</i>	<i>15:00</i>	<i>BW</i>	<i>2</i>		<i>X</i>				
	<i>TW07D - 20200702</i>	<i>"</i>	<i>11:30</i>	<i>GW</i>	<i>3*</i>	<i>IV</i>	<i>X</i>				
	<i>TW05D - 20200702</i>	<i>"</i>	<i>14:00</i>	<i>"</i>	<i>3*</i>	<i>IV</i>	<i>X</i>				
<i>MC 7-2-20</i>											
Relinquished by: (Signature) <i>Uey Rulke</i>				Received by: (Signature) / Carrier Tracking Number FedEx				Date: <i>7/2/20</i>		Time: <i>16:00</i>	
Relinquished by: (Signature) <i>FedEx</i>				Received by: (Signature) <i>[Signature]</i>				Date: <i>07/03/2020</i>		Time: <i>08:40</i>	
Relinquished by: (Signature)				Received by: (Signature)				Date:		Time:	

Sample Log-In Checklist

 Page # 1 of 1

 Vista Work Order #: 2001409 TAT std

Samples Arrival:	Date/Time: 07/03/2020 08:46	Initials: HOG	Location: WR-2
			Shelf/Rack: NA
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac
		<input type="checkbox"/> GLS	<input type="checkbox"/> DHL
		<input type="checkbox"/> Hand Delivered	<input type="checkbox"/> Other
Preservation:	<input checked="" type="checkbox"/> Ice	<input type="checkbox"/> Blue Ice	<input type="checkbox"/> Dry Ice
	<input type="checkbox"/> None		
Temp °C: 2.0 (uncorrected)	Probe used: Y / <input checked="" type="checkbox"/> N		Thermometer ID: IR-3
Temp °C: 2.0 (corrected)			

	YES	NO	NA
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Custody Seals Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Airbill <u>—</u> Trk # <u>8142 4183 5180</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Documentation Present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Container	<input checked="" type="checkbox"/> Vista	<input type="checkbox"/> Client	<input type="checkbox"/> Retain
	<input type="checkbox"/> Return	<input type="checkbox"/> Dispose	
Chain of Custody / Sample Documentation Present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chain of Custody / Sample Documentation Complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Holding Time Acceptable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Logged In:	Date/Time: 07/03/20 09:14	Initials: WWS	Location: R-13, WR-2 ↓ ↓ Shelf/Rack: 2-2, 6-2
COC Anomaly/Sample Acceptance Form completed?			
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

CoC/Label Reconciliation Report WO# 2001409

LabNumber	CoC Sample ID	SampleAlias	Sample Date/Time	Container	BaseMatrix	Sample Comments
2001409-01	A EB02-20200701	<input checked="" type="checkbox"/>	01-Jul-20 16:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-01	B EB02-20200701	<input checked="" type="checkbox"/>	01-Jul-20 16:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-02	A IS72MW16DR-20200701	<input checked="" type="checkbox"/>	01-Jul-20 07:50	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous MS/MSD
2001409-02	B IS72MW16DR-20200701	<input checked="" type="checkbox"/>	01-Jul-20 07:50	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous MS/MSD
2001409-02	C IS72MW16DR-20200701	<input checked="" type="checkbox"/>	01-Jul-20 07:50	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous MS/MSD
2001409-02	D IS72MW16DR-20200701	<input checked="" type="checkbox"/>	01-Jul-20 07:50	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous MS/MSD
2001409-02	E IS72MW16DR-20200701	<input checked="" type="checkbox"/>	01-Jul-20 07:50	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous MS/MSD
2001409-02	F IS72MW16DR-20200701	<input checked="" type="checkbox"/>	01-Jul-20 07:50	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous MS/MSD
2001409-03	A IS72MW15D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 08:40	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-03	B IS72MW15D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 08:40	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-04	A 222MW09D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 09:40	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-04	B 222MW09D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 09:40	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-05	A DUP02-20200701	<input checked="" type="checkbox"/>	01-Jul-20 09:45	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-05	B DUP02-20200701	<input checked="" type="checkbox"/>	01-Jul-20 09:45	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-06	A IS72MW17D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 10:30	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-06	B IS72MW17D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 10:30	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-07	A DUP03-20200701	<input checked="" type="checkbox"/>	01-Jul-20 10:35	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-07	B DUP03-20200701	<input checked="" type="checkbox"/>	01-Jul-20 10:35	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-08	A I003MW01D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 11:25	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous MS/MSD
2001409-08	B I003MW01D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 11:25	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous MS/MSD
2001409-08	C I003MW01D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 11:25	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous MS/MSD
2001409-08	D I003MW01D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 11:25	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous MS/MSD
2001409-08	E I003MW01D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 11:25	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous MS/MSD
2001409-08	F I003MW01D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 11:25	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous MS/MSD
2001409-09	A I003MW02D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 13:20	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-09	B I003MW02D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 13:20	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-10	A DUP04-20200701	<input checked="" type="checkbox"/>	01-Jul-20 13:25	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-10	B DUP04-20200701	<input checked="" type="checkbox"/>	01-Jul-20 13:25	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-11	A I003MW05D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 15:45	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous

2001409-11	B	I003MW05D-20200701	<input checked="" type="checkbox"/>	01-Jul-20 15:45	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-12	A	EB03-20200702	<input checked="" type="checkbox"/>	02-Jul-20 15:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
2001409-12	B	EB03-20200702	<input checked="" type="checkbox"/>	02-Jul-20 15:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
* 2001409-13	A	TW07D-20200702	<input checked="" type="checkbox"/>	02-Jul-20 11:30	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
* 2001409-13	B	TW07D-20200702	<input checked="" type="checkbox"/>	02-Jul-20 11:30	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
* 2001409-13	C	TW07D-20200702	<input checked="" type="checkbox"/>	02-Jul-20 11:30	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
* 2001409-14	A	TW05D-20200702	<input checked="" type="checkbox"/>	02-Jul-20 14:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
* 2001409-14	B	TW05D-20200702	<input checked="" type="checkbox"/>	02-Jul-20 14:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous
* 2001409-14	C	TW05D-20200702	<input checked="" type="checkbox"/>	02-Jul-20 14:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous

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

	Yes	No	NA
Sample Container Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample Custody Seals Intact?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Adequate Sample Volume?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Container Type Appropriate for Analysis(es)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preservation Documented: Na2S2O3 Trizma <u>None</u> Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
If Chlorinated or Drinking Water Samples, Acceptable Preservation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments: * particulate present in sample

Verified by/Date: WLS 07/03/20

EXTRACTION INFORMATION

Process Sheet
Workorder: 2001409

Prep Expiration: 2020-07-15
 Client: KMEA

Workorder Due: 24-Jul-20 00:00

TAT: 21

Method: **537M PFAS DOD QSM 5.3 (LOQ as mRL)**
 Matrix: **Aqueous**

Prep Batch: BGC10034

Version: 537.1 List of 18-EIS
 DoD: DoD QSM 5.3

Prep Data Entered: TC 07/12/20
 Date and Initials

Initial Sequence: SDG004

LabSampleID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
2001409-01	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EB02-20200701		R-13 A-2	HDPE Bottle, 250 mL
2001409-02	ABC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IS72MW16DR-20200701	MS/MSD	R-13 A-2	HDPE Bottle, 250 mL
2001409-03	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IS72MW15D-20200701		R-13 A-2	HDPE Bottle, 250 mL
2001409-04		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	222MW09D-20200701		R-13 A-2	HDPE Bottle, 250 mL
2001409-05		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DUP02-20200701		R-13 A-2	HDPE Bottle, 250 mL
2001409-06		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IS72MW17D-20200701		R-13 A-2	HDPE Bottle, 250 mL
2001409-07		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DUP03-20200701		R-13 A-2	HDPE Bottle, 250 mL
2001409-08	ABC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	I003MW01D-20200701	MS/MSD	R-13 A-2	HDPE Bottle, 250 mL
2001409-09	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	I003MW02D-20200701		R-13 A-2	HDPE Bottle, 250 mL
2001409-10		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DUP04-20200701		R-13 A-2	HDPE Bottle, 250 mL
2001409-11		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	I003MW05D-20200701		R-13 A-2	HDPE Bottle, 250 mL
2001409-12		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EB03-20200702		R-13 A-2	HDPE Bottle, 250 mL
2001409-13		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TW07D-20200702		R-13 A-2	HDPE Bottle, 250 mL
2001409-14		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TW05D-20200702		R-13 A-2	HDPE Bottle, 250 mL

WO Comments: May have elevated PFAS levels - isolate samples. ME 07/11/2020
Instrument - begin w/ dils.
Report to DL

Pre-Prep Check Out: CHT 07/07/20

Prep Check Out: ME 07/11/2020

Prep Reconciled Initials/Date: CHT 07/07/20

Pre-Prep Check In: CHT 07/07/20

Prep Check In: N/A

Spike Reconciled Initials/Date: ME 07/11/2020

VialBoxID: Giraffe

Matrix: Aqueous

Method: 537M PFAS DOD QSM 5.3 (LOQ as mRL)

Vista Internal Chain-of-Custody



B0G0034

Location	Reason	Initials	Date/Time	LabNumber	Cont						
	L2	R13	L2	R12	L2	R12	L2	R12	L4		
	Prep	R9	R4	R9	R6	R9	R9	R8			
	CHT	CHT	ME	ME	HR	AM	FR				
	07/10/20 07:55	07/10/20 08:31	07/11/2020 06:48	07/11/2020 15:00	07/12/20 06:39	07/12/20 15:08	07/12/20 14:40				
Initial Storage	LabNumber	Cont									
R-13 A-2	2001409-01	A	O	O	O	E	E	E	E		
R-13 A-2	2001409-02	ABC									
R-13 A-2	2001409-03	A									
R-13 A-2	2001409-04										
R-13 A-2	2001409-05										
R-13 A-2	2001409-06										
R-13 A-2	2001409-07										
R-13 A-2	2001409-08	ABL									
R-13 A-2	2001409-09	A									
R-13 A-2	2001409-10										
R-13 A-2	2001409-11										
R-13 A-2	2001409-12										
R-13 A-2	2001409-13										
R-13 A-2	2001409-14										

Location Key:
 L1 = Prep Lab 1
 L2 = Prep Lab 2
 L3 = HRMS Diox
 L4 = Instrument
 Other = _____

Reason Key:
 R1 = Percent Solids
 R2 = Eluate Preservation
 R3 = Sub-Sample
 R4 = Extraction
 R6 = Concentration
 R7 = Filtering
 R8 = Analysis
 R9 = Storage
 Other = _____

Type Key:
 O = Original Sample
 E = Extract of Sample

Matrix: Aqueous

PREPARATION BENCH SHEET

Method: 537M PFAS DOD QSM 5.3 (LOQ as mRL)

B0G0034

Chemist: ME

Prep Date: 07/11/2020

Prep Time: 7:42

Hood#: 06

Prepared using: Sonication Shaker SPE Extraction Centrifuge ID: C3-4115

DATE 07/11/2020

Rec Date/Initials: AM 07/12/20 Date/Initials: CHT 07/07/20 Balance ID: HRMS-9

Table with columns: Cen, VISTA Sample ID, Rec Vial1, Rec Vial2, pH, Chlorine (Cl), Bottle + Sample (g), Bottle Only (g), Sample Amt. (L), IS/NS CHEM/WIT DATE, SPE and Reconciliation, ENVI-Carb and Reconciliation. Rows include B0G0034-BLK1, B0G0034-BS1, B0G0034-MS1, B0G0034-MS2, B0G0034-MSD1, B0G0034-MSD2, 2001409-01, 2001409-02, 2001409-03, 2001409-04, 2001409-05, 2001409-06, 2001409-07, 2001409-08.

IS: 20E1201, (V10), 10µL IS SUP: N/A NS: 20E1202, (V8), 10µL NS SUP: N/A SPE Chem: Strata-XL-AW 100µm 200mg/6mL SPE Lot#: S18-006863 ENVI-Carb Lot#: B02483 Ele SOLV: MeOH/0.5%NH4OH in MeOH Final Volume(s): 1 mL Notes:

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

- 1 = Sample centrifuged twice 2 = Sample deeply colored after centrifuge 3 = Cartridge sorbent discolored after SPE 4 = Sample clogged cartridge, additional cartridge(s) used 5 = Sample recombined at final volume

- 6 = Sample took longer to SPE, required stronger vacuum 7 = Required Nitrogen line to finish SPE 8 = Required Nitrogen line to finish elution 9 = Sample arrived with low volume 10 = Trizma added to QC (5g/L)

Matrix: Aqueous

PREPARATION BENCH SHEET

Method: 537M PFAS DOD QSM 5.3 (LOQ as mRL)

B0G0034

Chemist: ME

Prep Date: 07/11/2020

Prep Time: 7:42

Hood#: 06

Prepared using: Sonication Shaker SPE Extraction Centrifuge ID: 03-04105 ^{ME 07/11/2020}

Rec Date/Initials: <u>AM 07/12/20</u>		Date/Initials: <u>CH 07/07/20</u>		Balance ID: <u>HRMS-9</u>							
Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation
<input type="checkbox"/>	2001409-09	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	0	282.89	26.31	0.25658	<u>ME HP 07/11/2020</u>	<u>ME 07/11/2020</u>	<u>ME 07/11/2020</u>
<input type="checkbox"/>	2001409-10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	0	276.22	26.27	0.24995	↓	↓	↓
<input type="checkbox"/>	2001409-11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	0	262.74	26.28	0.23646	↓	↓	↓
<input type="checkbox"/>	2001409-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	267.78	25.77	0.24201	↓	↓	↓
<input checked="" type="checkbox"/>	2001409-13 ^{② ③ ⑥ ⑧ ⑨}	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	0	295.93	26.10	0.26983	↓	↓	↓
<input checked="" type="checkbox"/>	2001409-14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	0	285.80	26.04	0.25976	↓	↓	↓

IS: <u>20E1201, (V10), 10µL</u>	SPE Chem: <u>strata-XL-AW 100µm</u> ^{200mg/6mL}	Notes:
IS SUP: <u>N/A</u>	SPE Lot#: <u>S18-006863</u>	② ME 07/11/2020.
NS: <u>20E1202, (V8), 10µL</u>	ENVI-Carb Lot#: <u>B02483</u>	① Sample color, Brown. ME 07/11/2020.
NS SUP: <u>N/A</u>	Ele SOLV: MeOH/0.5%NH4OH in MeOH	⑥ ME 07/11/2020.
	Final Volume(s) <u>1</u> mL	⑧ Sample, muddy. ME 07/11/2020.
		⑨ ME 07/11/2020.

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

- 1 = Sample centrifuged twice
- 2 = Sample deeply colored after centrifuge
- 3 = Cartridge sorbent discolored after SPE
- 4 = Sample clogged cartridge, additional cartridge(s) used
- 5 = Sample recombined at final volume

- 6 = Sample took longer to SPE, required stronger vacuum
- 7 = Required Nitrogen line to finish SPE
- 8 = Required Nitrogen line to finish elution
- 9 = Sample arrived with low volume
- 10 = Trizma added to QC (5g/L)

Batch: B0G0034

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
2001409-01	0.24388 ✓	N/A	N/A	1000	11-Jul-20 07:42	ME			Blank Water	537M PFAS DOD QSM 5.3
2001409-02	0.23645 ✓			1000	11-Jul-20 07:42	ME			Groundwater	537M PFAS DOD QSM 5.3
2001409-03	0.25566 ✓			1000	11-Jul-20 07:42	ME			Groundwater	537M PFAS DOD QSM 5.3
2001409-04	0.24708 ✓			1000	11-Jul-20 07:42	ME			Groundwater	537M PFAS DOD QSM 5.3
2001409-05	0.25888 ✓			1000	11-Jul-20 07:42	ME			Groundwater	537M PFAS DOD QSM 5.3
2001409-06	0.24802 ✓			1000	11-Jul-20 07:42	ME			Groundwater	537M PFAS DOD QSM 5.3
2001409-07	0.24473 ✓			1000	11-Jul-20 07:42	ME			Groundwater	537M PFAS DOD QSM 5.3
2001409-08	0.25006 ✓			1000	11-Jul-20 07:42	ME			Groundwater	537M PFAS DOD QSM 5.3
2001409-09	0.25658 ✓			1000	11-Jul-20 07:42	ME			Groundwater	537M PFAS DOD QSM 5.3
2001409-10	0.24995 ✓			1000	11-Jul-20 07:42	ME			Groundwater	537M PFAS DOD QSM 5.3
2001409-11	0.23646 ✓			1000	11-Jul-20 07:42	ME			Groundwater	537M PFAS DOD QSM 5.3
2001409-12	0.24201 ✓			1000	11-Jul-20 07:42	ME			Blank Water	537M PFAS DOD QSM 5.3
2001409-13	0.26983 ✓			1000	11-Jul-20 07:42	ME			Groundwater	537M PFAS DOD QSM 5.3
2001409-14	0.25976 ✓			1000	11-Jul-20 07:42	ME			Groundwater	537M PFAS DOD QSM 5.3
B0G0034-BLK1	0.25 ✓			1000	11-Jul-20 07:42	ME				QC
B0G0034-BS1	0.25 ✓			1000	11-Jul-20 07:42	ME	20E1202 ✓	10 ✓		QC
B0G0034-MS1	0.24175 ✓			1000	11-Jul-20 07:42	ME	20E1202	10		QC
B0G0034-MS2	0.24593 ✓			1000	11-Jul-20 07:42	ME	20E1202	10		QC
B0G0034-MSD1	0.2446 ✓			1000	11-Jul-20 07:42	ME	20E1202	10		QC
B0G0034-MSD2	0.25788 ✓			1000	11-Jul-20 07:42	ME	20E1202	10		QC

All bolded data on report verified against written benchsheet by (initial/date) TC 07/12/20

Printed: 7/12/2020 7:11:12AM
Page 1 of 1

Sample Data – PFAS Isotope Dilution Table B-15

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-67.qld

Last Altered: Monday, July 20, 2020 15:21:41 Pacific Daylight Time
 Printed: Monday, July 20, 2020 15:23:09 Pacific Daylight Time

Name: 200714M1_67, Date: 15-Jul-2020, Time: 02:35:16, ID: B0G0034-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7		1.173e3	0.250		2.51						YES
2	7 PFHxA	313.0 > 269.0		1.023e4	0.250		3.05						YES
3	9 HFPO-DA	285.1 > 168.9		8.011e2	0.250		3.27						YES
4	11 PFHpA	363.0 > 318.9		5.622e3	0.250		3.67						YES
5	12 ADONA	376.8 > 250.9		5.622e3	0.250		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.173e3		0.250	127.271	2.52	2.51	1170	36.866	73.7		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.023e4		0.250	1154.290	3.05	3.05	10200	35.457	70.9		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	8.011e2		0.250	101.036	3.28	3.27	801	31.717	63.4		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	5.622e3		0.250	686.728	3.67	3.67	5620	32.747	65.5		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	5.622e3		0.250	686.728	3.67	3.67	5620	32.747	65.5		
11	-1												
12	13 L-PFHxS	399 > 80.0		2.888e3	0.250		3.81						YES
13	1... Total PFHxS	399 > 80	0.000e0	2.888e3	0.250		3.83		0.000				
14	16 L-PFOA	412.8 > 368.9		1.198e4	0.250		4.18						YES
15	1... Total PFOA	412.8 > 368.9	0.000e0	1.198e4	0.250		4.20		0.000				
16	21 PFNA	463.0 > 418.8		1.149e4	0.250		4.62						YES
17	61 13C3-PFHxS-EIS	401.8 > 79.9	2.888e3		0.250	319.274	3.82	3.81	2890	36.187	72.4		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	2.888e3		0.250	319.274	3.82	3.81	2890	36.187	72.4		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.198e4		0.250	1394.720	4.19	4.18	12000	34.354	68.7		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.198e4		0.250	1394.720	4.19	4.18	12000	34.354	68.7		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.149e4		0.250	1417.984	4.63	4.62	11500	32.404	64.8		
22	-1												
23	23 L-PFOS	499 > 80		3.067e3	0.250		4.70						YES
24	1... Total PFOS	499 > 80	0.000e0	3.067e3	0.250		4.73		0.000				
25	25 9Cl-PF30NS	531 > 351.0		3.067e3	0.250		4.91						YES
26	26 PFDA	513 > 468.8		1.089e4	0.250		5.00						YES
27	33 PFUdA	563.0 > 518.9		1.473e4	0.250		5.32						YES
28	73 13C8-PFOS-EIS	507.0 > 80	3.067e3		0.250	361.054	4.71	4.70	3070	33.982	68.0		
29	73 13C8-PFOS-EIS	507.0 > 80	3.067e3		0.250	361.054	4.71	4.70	3070	33.982	68.0		
30	73 13C8-PFOS-EIS	507.0 > 80	3.067e3		0.250	361.054	4.71	4.70	3070	33.982	68.0		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.089e4		0.250	1350.069	5.00	5.00	10900	32.258	64.5		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.473e4		0.250	1994.364	5.33	5.32	14700	29.537	59.1		
33	-1												
34	29 L-MeFOSAA	570 > 419		7.489e3	0.250		5.14						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	7.489e3	0.250		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419		6.816e3	0.250		5.30						YES

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-67.qld

Last Altered: Monday, July 20, 2020 15:21:41 Pacific Daylight Time
 Printed: Monday, July 20, 2020 15:23:09 Pacific Daylight Time

Name: 200714M1_67, Date: 15-Jul-2020, Time: 02:35:16, ID: B0G0034-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	0.000e0	6.816e3	0.250		5.33		0.000				
38	35 11Cl-PF30UdS	630.9 > 450.9		1.714e4	0.250		5.54						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	7.489e3		0.250	1024.448	5.15	5.14	7490	29.241	58.5		
40	79 d3-N-MeFOSAA-EIS	573. > 419	7.489e3		0.250	1024.448	5.15	5.14	7490	29.241	58.5		
41	83 d5-N-EtFOSAA-EIS	589. > 419	6.816e3		0.250	964.220	5.31	5.30	6820	28.274	56.5		
42	83 d5-N-EtFOSAA-EIS	589. > 419	6.816e3		0.250	964.220	5.31	5.30	6820	28.274	56.5		
43	85 13C2-PFDoA-EIS	615 > 570	1.714e4		0.250	2212.380	5.62	5.61	17100	30.998	62.0		
44	-1												
45	37 PFDoA	612.9 > 569.0		1.714e4	0.250		5.61						YES
46	39 PFTrDA	662.9 > 618.9		1.714e4	0.250		5.86						YES
47	41 PFTeDA	713.0 > 669.0		1.123e4	0.250		6.07						YES
48	1... TDCA	498.3>106.9			0.250		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.067e3		0.250	361.054	4.71	4.70	3070	33.982	68.0		
50	85 13C2-PFDoA-EIS	615 > 570	1.714e4		0.250	2212.380	5.62	5.61	17100	30.998	62.0		
51	85 13C2-PFDoA-EIS	615 > 570	1.714e4		0.250	2212.380	5.62	5.61	17100	30.998	62.0		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.123e4		0.250	1536.348	6.08	6.07	11200	29.245	58.5		

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-67.qld

Last Altered: Monday, July 20, 2020 15:21:41 Pacific Daylight Time

Printed: Monday, July 20, 2020 15:23:09 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 20 Jul 2020 15:16:23

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_67, Date: 15-Jul-2020, Time: 02:35:16, ID: B0G0034-BLK1 Method Blank 0.25, Description: Method Blank

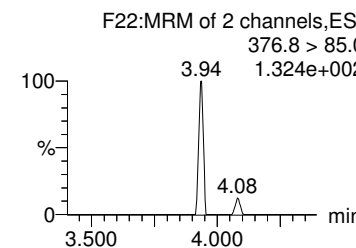
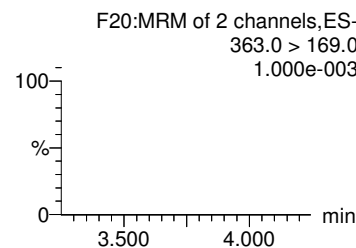
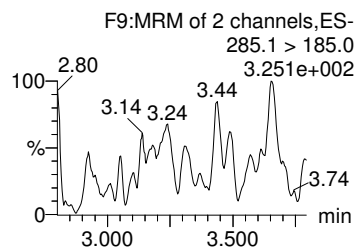
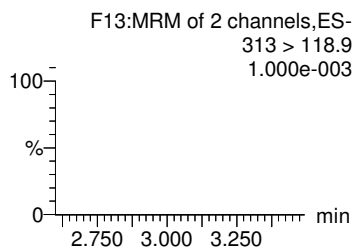
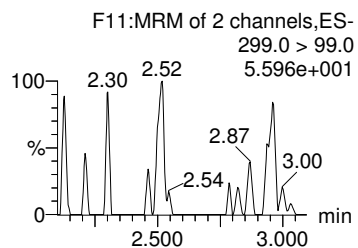
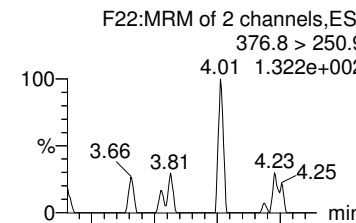
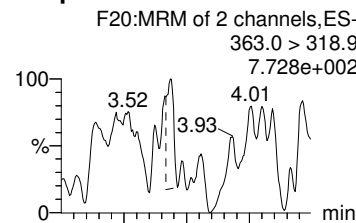
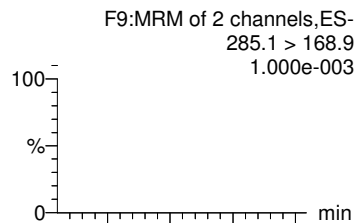
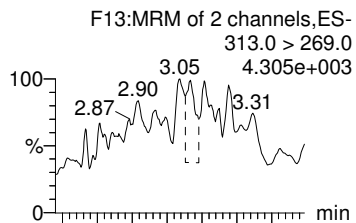
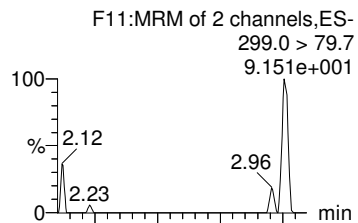
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



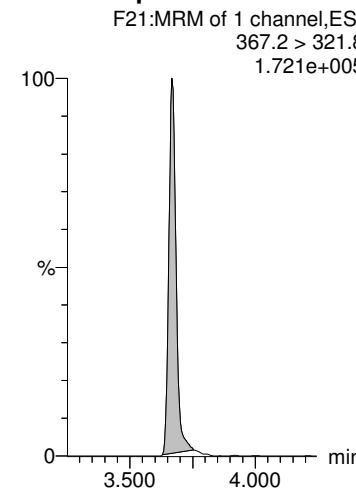
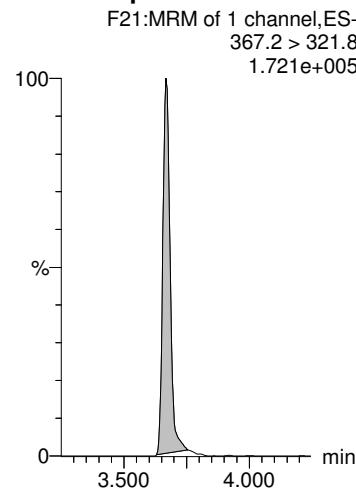
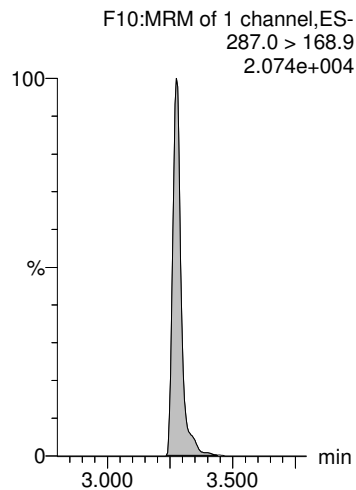
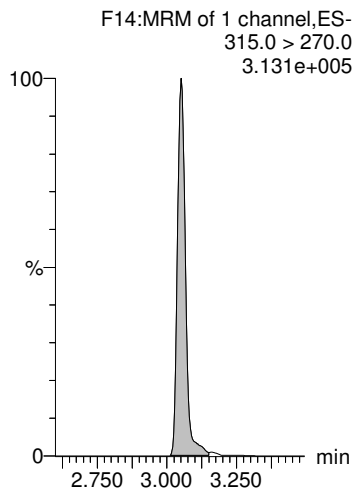
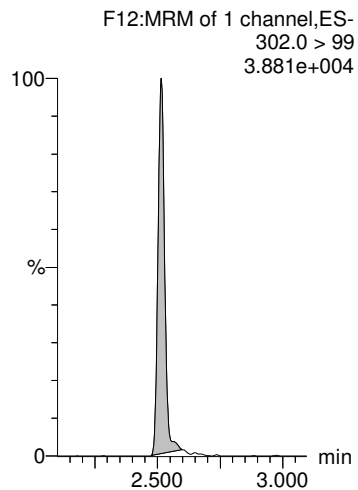
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-67.qld

Last Altered: Monday, July 20, 2020 15:21:41 Pacific Daylight Time

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Name: 200714M1_67, Date: 15-Jul-2020, Time: 02:35:16, ID: B0G0034-BLK1 Method Blank 0.25, Description: Method Blank

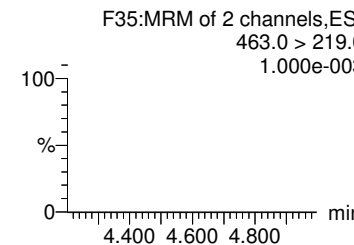
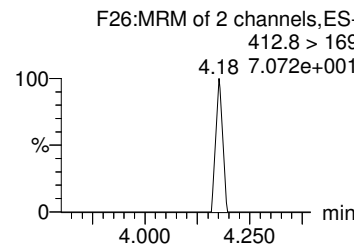
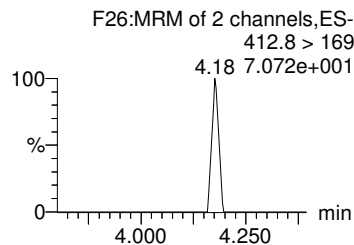
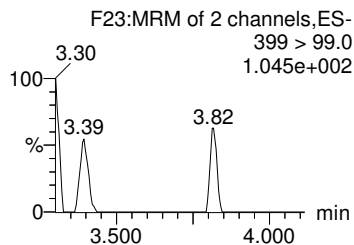
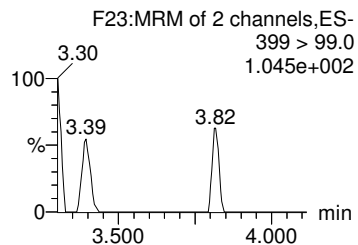
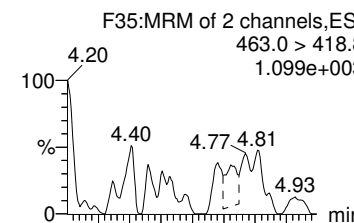
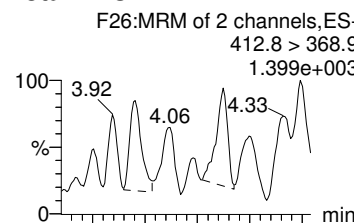
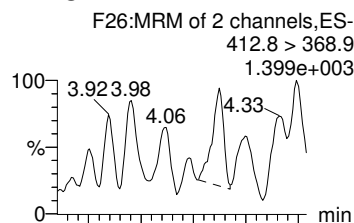
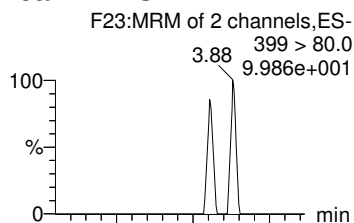
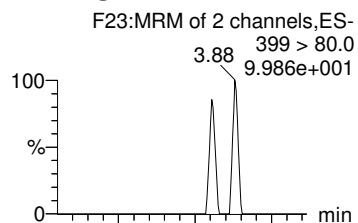
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



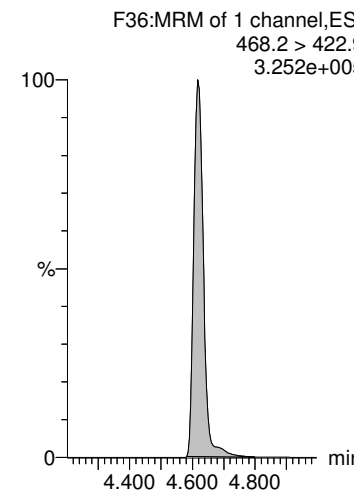
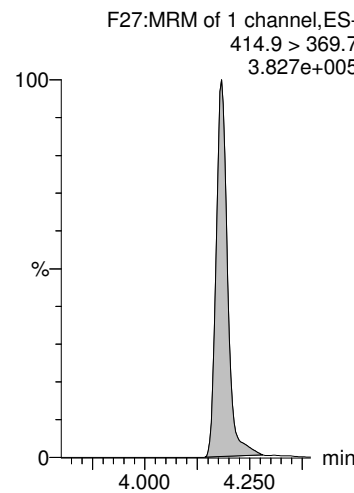
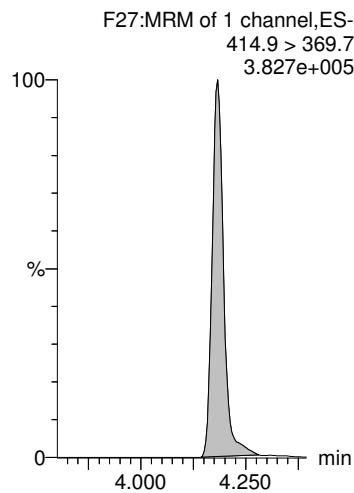
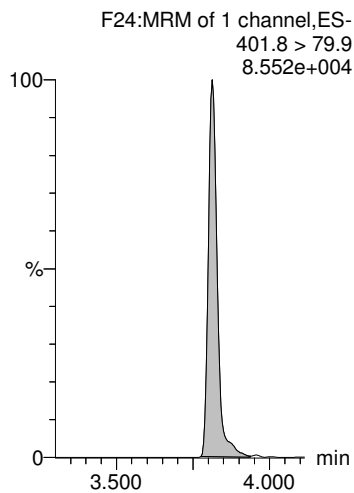
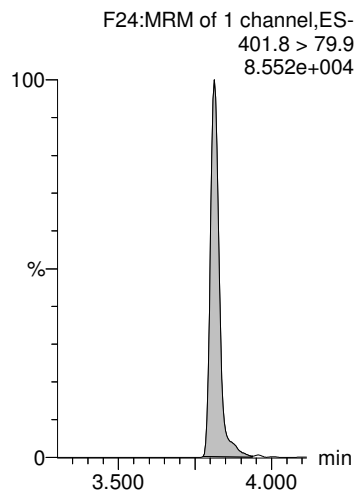
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-67.qld

Last Altered: Monday, July 20, 2020 15:21:41 Pacific Daylight Time

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Name: 200714M1_67, Date: 15-Jul-2020, Time: 02:35:16, ID: B0G0034-BLK1 Method Blank 0.25, Description: Method Blank

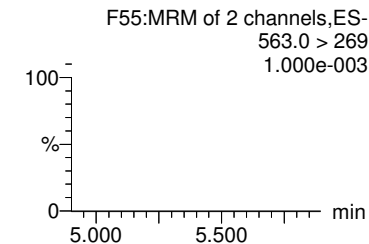
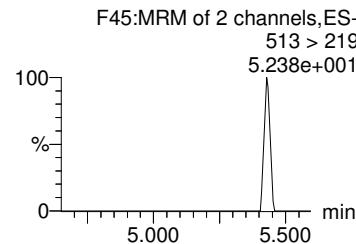
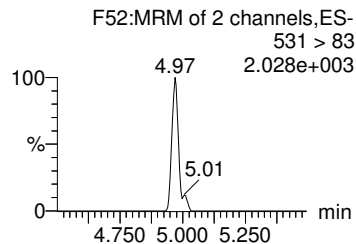
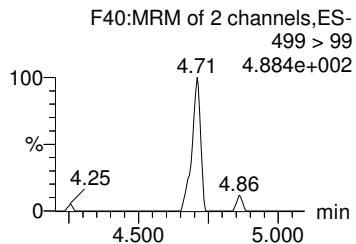
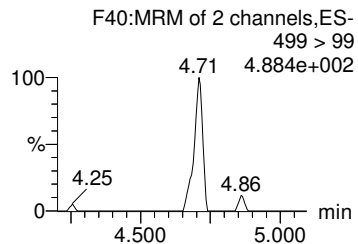
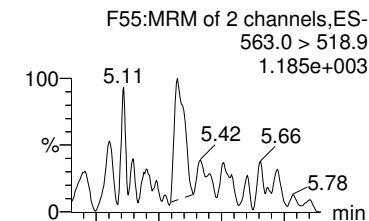
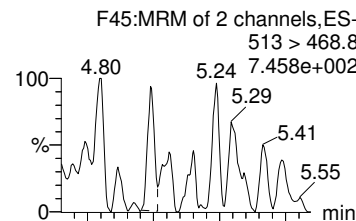
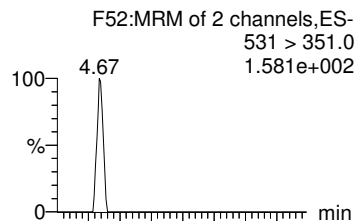
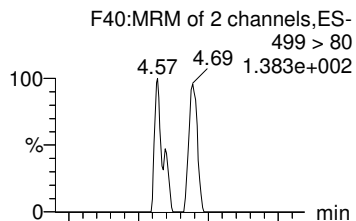
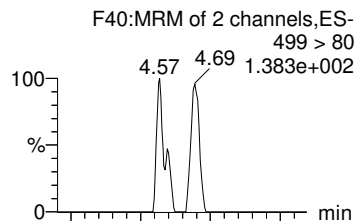
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



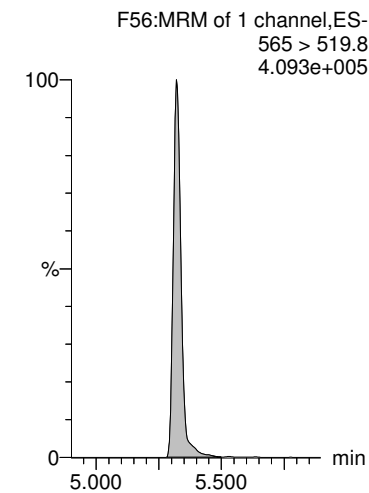
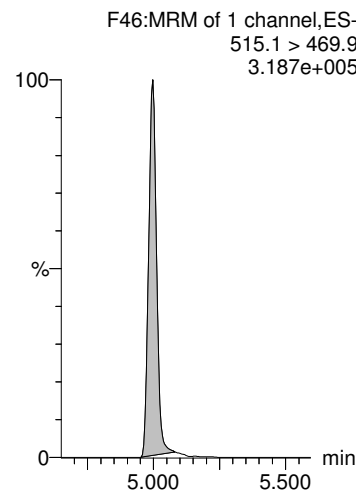
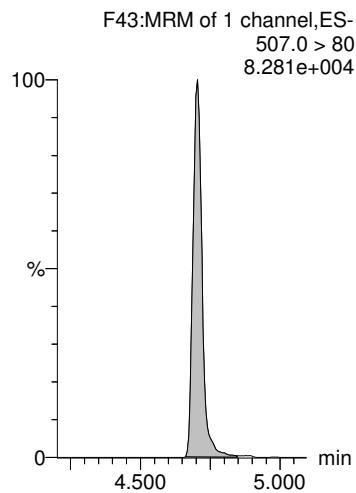
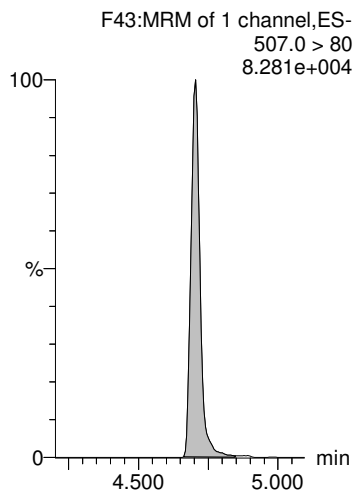
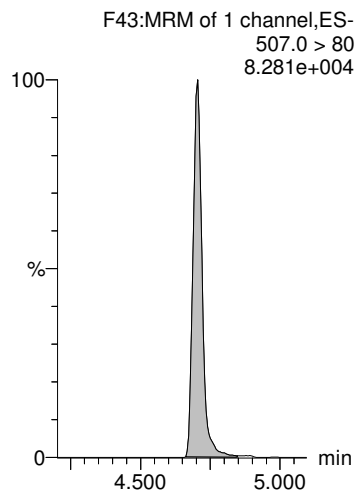
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



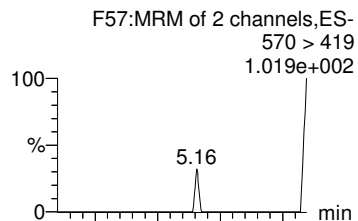
Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-67.qld

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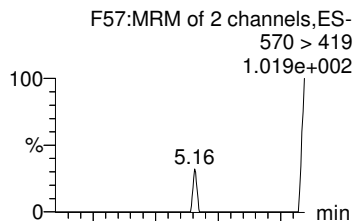
Printed: Monday, July 20, 2020 15:23:09 Pacific Daylight Time

Name: 200714M1_67, Date: 15-Jul-2020, Time: 02:35:16, ID: B0G0034-BLK1 Method Blank 0.25, Description: Method Blank

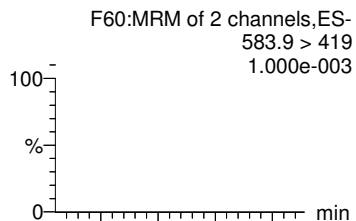
L-MeFOSAA



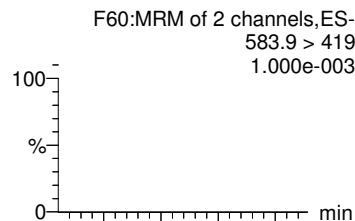
Total N-MeFOSAA



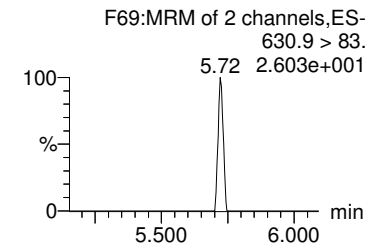
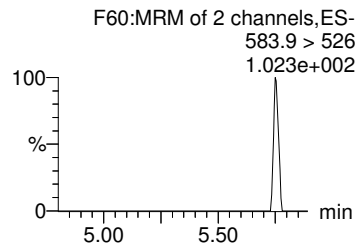
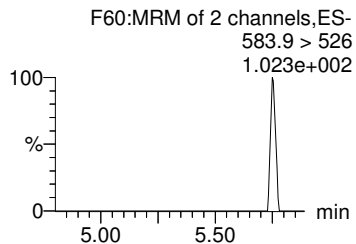
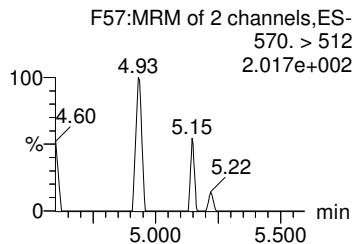
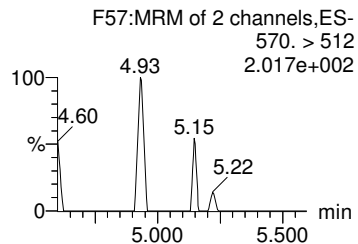
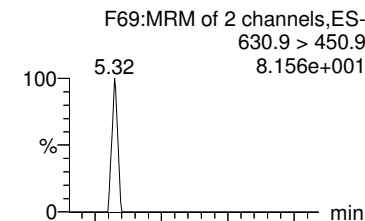
L-EtFOSAA



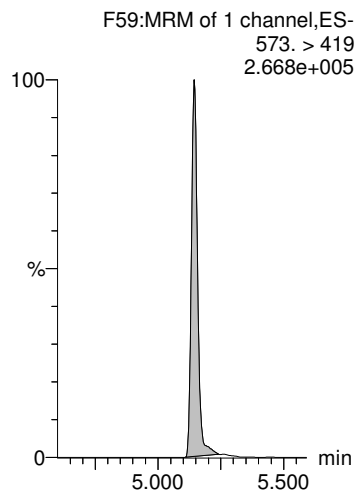
Total N-EtFOSAA



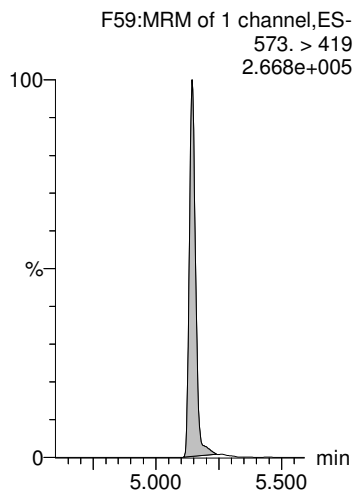
11CI-PF30UdS



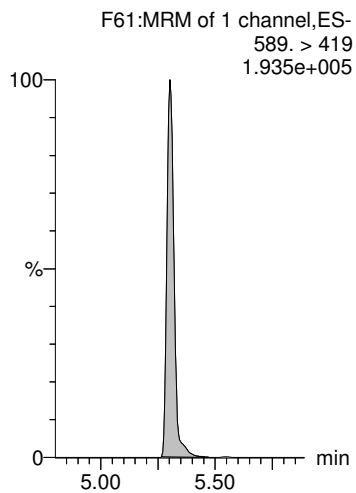
d3-N-MeFOSAA-EIS



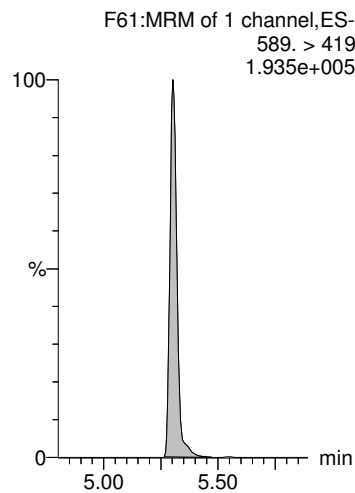
d3-N-MeFOSAA-EIS



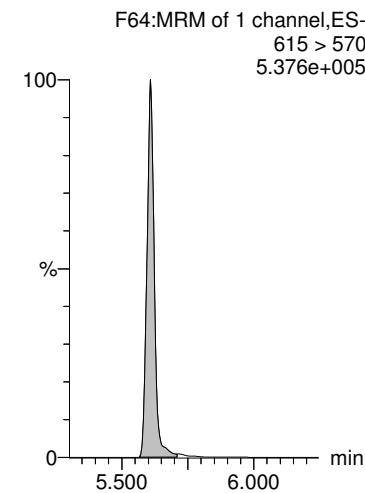
d5-N-EtFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFDoA-EIS



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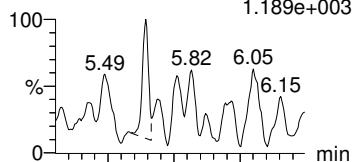
Last Altered: Monday, July 20, 2020 15:21:41 Pacific Daylight Time

Printed: Monday, July 20, 2020 15:23:09 Pacific Daylight Time

Name: 200714M1_67, Date: 15-Jul-2020, Time: 02:35:16, ID: B0G0034-BLK1 Method Blank 0.25, Description: Method Blank

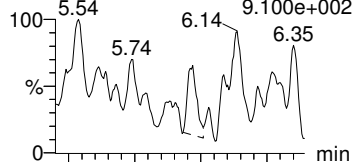
PFD_oA

F63:MRM of 2 channels,ES-
612.9 > 569.0
1.189e+003



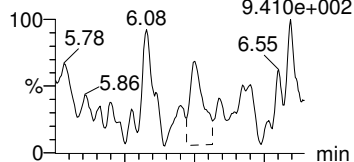
PFT_rDA

F72:MRM of 2 channels,ES-
662.9 > 618.9
9.100e+002



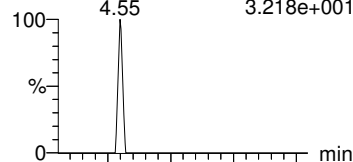
PFT_eDA

F74:MRM of 2 channels,ES-
713.0 > 669.0
9.410e+002



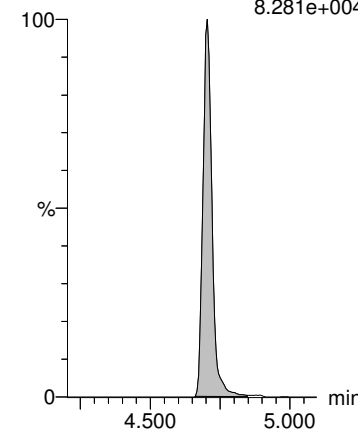
TDCA

F39:MRM of 2 channels,ES-
498.3 > 106.9
3.218e+001

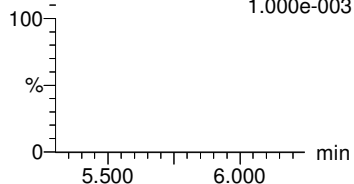


13C8-PFOS-EIS

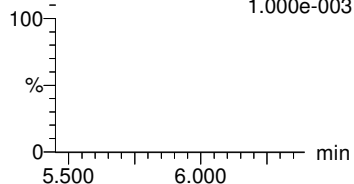
F43:MRM of 1 channel,ES-
507.0 > 80
8.281e+004



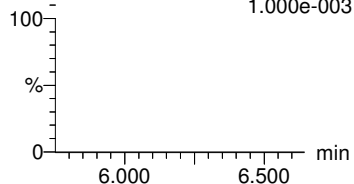
F63:MRM of 2 channels,ES-
612.9 > 318.8
1.000e-003



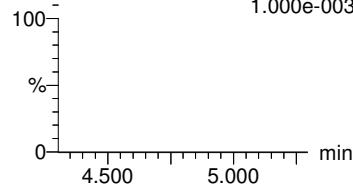
F72:MRM of 2 channels,ES-
662.9 > 319
1.000e-003



F74:MRM of 2 channels,ES-
713. > 369.0
1.000e-003

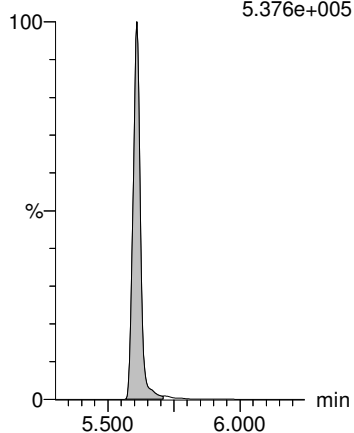


F39:MRM of 2 channels,ES-
498.3 > 123.9
1.000e-003



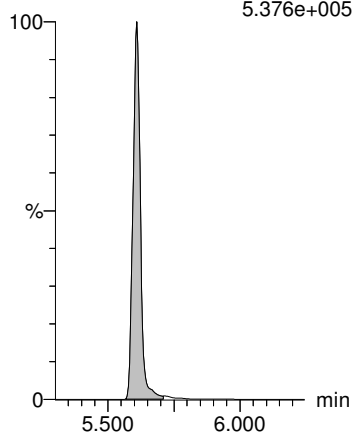
13C2-PFD_oA-EIS

F64:MRM of 1 channel,ES-
615 > 570
5.376e+005



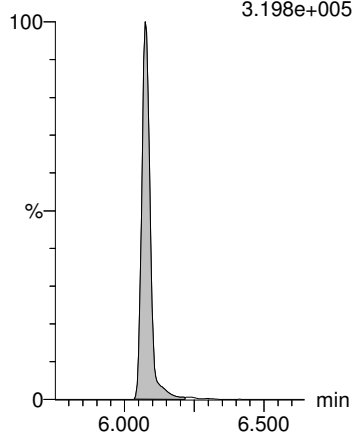
13C2-PFD_oA-EIS

F64:MRM of 1 channel,ES-
615 > 570
5.376e+005



13C2-PFT_eDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
3.198e+005



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-68.qld

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Name: 200714M1_68, Date: 15-Jul-2020, Time: 02:45:38, ID: B0G0034-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	2.199e3	1.364e3	0.250		2.51	2.51	20.1	41.465	103.7	2.720	NO
2	7 PFHxA	313.0 > 269.0	1.004e4	1.147e4	0.250		3.05	3.05	10.9	42.149	105.4	19.033	NO
3	9 HFPO-DA	285.1 > 168.9	7.103e2	9.544e2	0.250		3.27	3.27	9.30	36.645	91.6	1.964	NO
4	11 PFHpA	363.0 > 318.9	7.088e3	6.553e3	0.250		3.67	3.67	13.5	42.608	106.5	12.627	NO
5	12 ADONA	376.8 > 250.9	2.559e4	6.553e3	0.250		3.76	3.78	48.8	42.287	105.7	3.787	NO
6	51 13C3-PFBS-EIS	302.0 > 99	1.364e3		0.250	127.271	2.52	2.51	1360	42.879	85.8		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.147e4		0.250	1154.290	3.05	3.05	11500	39.737	79.5		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	9.544e2		0.250	101.036	3.28	3.27	954	37.785	75.6		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	6.553e3		0.250	686.728	3.67	3.67	6550	38.171	76.3		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	6.553e3		0.250	686.728	3.67	3.67	6550	38.171	76.3		
11	-1												
12	13 L-PFHxS	399 > 80.0	2.867e3	3.208e3	0.250		3.81	3.81	11.2	40.002	100.0	1.564	NO
13	1... Total PFHxS	399 > 80	2.867e3	3.208e3	0.250		3.83		11.2	40.002			
14	16 L-PFOA	412.8 > 368.9	1.683e4	1.412e4	0.250		4.18	4.18	14.9	41.439	103.6	3.928	NO
15	1... Total PFOA	412.8 > 368.9	1.683e4	1.412e4	0.250		4.20		14.9	41.439			
16	21 PFNA	463.0 > 418.8	1.270e4	1.286e4	0.250		4.62	4.62	12.3	42.086	105.2	4.224	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	3.208e3		0.250	319.274	3.82	3.81	3210	40.193	80.4		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	3.208e3		0.250	319.274	3.82	3.81	3210	40.193	80.4		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.412e4		0.250	1394.720	4.19	4.18	14100	40.494	81.0		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.412e4		0.250	1394.720	4.19	4.18	14100	40.494	81.0		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.286e4		0.250	1417.984	4.63	4.62	12900	36.289	72.6		
22	-1												
23	23 L-PFOS	499 > 80	2.656e3	3.718e3	0.250		4.70	4.70	8.93	35.469	88.7	1.969	NO
24	1... Total PFOS	499 > 80	2.656e3	3.718e3	0.250		4.73		8.93	35.469			
25	25 9Cl-PF30NS	531 > 351.0	9.398e3	3.718e3	0.250		4.91	4.92	31.6	35.731	89.3	24.087	NO
26	26 PFDA	513 > 468.8	1.434e4	1.185e4	0.250		4.99	4.99	15.1	42.469	106.2	5.855	NO
27	33 PFUdA	563.0 > 518.9	1.290e4	1.653e4	0.250		5.32	5.32	9.75	42.284	105.7	9.548	NO
28	73 13C8-PFOS-EIS	507.0 > 80	3.718e3		0.250	361.054	4.71	4.70	3720	41.195	82.4		
29	73 13C8-PFOS-EIS	507.0 > 80	3.718e3		0.250	361.054	4.71	4.70	3720	41.195	82.4		
30	73 13C8-PFOS-EIS	507.0 > 80	3.718e3		0.250	361.054	4.71	4.70	3720	41.195	82.4		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.185e4		0.250	1350.069	5.00	4.99	11800	35.104	70.2		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.653e4		0.250	1994.364	5.33	5.32	16500	33.160	66.3		
33	-1												
34	29 L-MeFOSAA	570 > 419	6.355e3	8.542e3	0.250		5.14	5.15	9.30	39.384	98.5	2.545	NO
35	1... Total N-MeFOSAA	570. > 419	6.355e3	8.542e3	0.250		5.17		9.30	39.384			
36	31 L-EtFOSAA	583.9 > 419	5.737e3	7.608e3	0.250		5.30	5.31	9.43	41.602	104.0	1.317	NO

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#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	5.737e3	7.608e3	0.250		5.33		9.43	41.602			
38	35 11Cl-PF30UdS	630.9 > 450.9	7.846e3	1.435e4	0.250		5.54	5.54	6.83	50.752	126.9	23.667	NO
39	79 d3-N-MeFOSAA-EIS	573. > 419	8.542e3		0.250	1024.448	5.15	5.14	8540	33.353	66.7		
40	79 d3-N-MeFOSAA-EIS	573. > 419	8.542e3		0.250	1024.448	5.15	5.14	8540	33.353	66.7		
41	83 d5-N-EtFOSAA-EIS	589. > 419	7.608e3		0.250	964.220	5.31	5.30	7610	31.562	63.1		
42	83 d5-N-EtFOSAA-EIS	589. > 419	7.608e3		0.250	964.220	5.31	5.30	7610	31.562	63.1		
43	85 13C2-PFDoA-EIS	615 > 570	1.435e4		0.250	2212.380	5.62	5.61	14400	25.949	51.9		
44	-1												
45	37 PFDoA	612.9 > 569.0	1.410e4	1.435e4	0.250		5.61	5.61	12.3	49.502	123.8	10.595	NO
46	39 PFTrDA	662.9 > 618.9	1.163e4	1.435e4	0.250		5.86	5.86	10.1	44.159	110.4	8.545	NO
47	41 PFTeDA	713.0 > 669.0	1.485e4	1.137e4	0.250		6.07	6.07	16.3	41.631	104.1	12.965	NO
48	1... TDCA	498.3>106.9			0.250		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.718e3		0.250	361.054	4.71	4.70	3720	41.195	82.4		
50	85 13C2-PFDoA-EIS	615 > 570	1.435e4		0.250	2212.380	5.62	5.61	14400	25.949	51.9		
51	85 13C2-PFDoA-EIS	615 > 570	1.435e4		0.250	2212.380	5.62	5.61	14400	25.949	51.9		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.137e4		0.250	1536.348	6.08	6.07	11400	29.612	59.2		

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 20 Jul 2020 15:27:25

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_68, Date: 15-Jul-2020, Time: 02:45:38, ID: B0G0034-BS1 OPR 0.25, Description: OPR

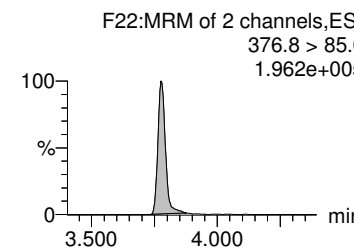
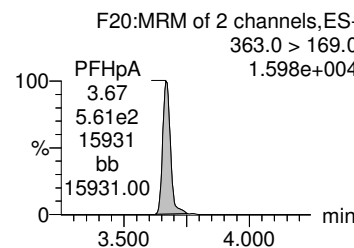
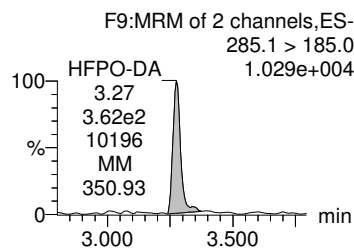
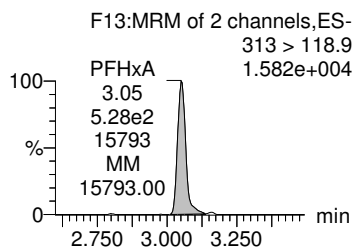
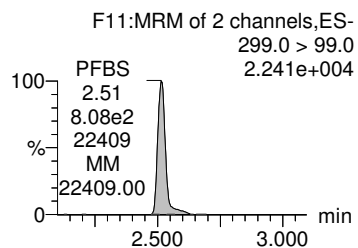
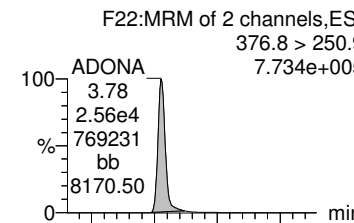
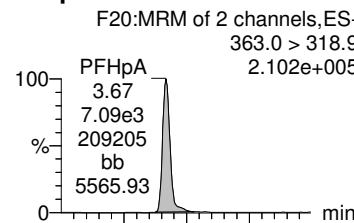
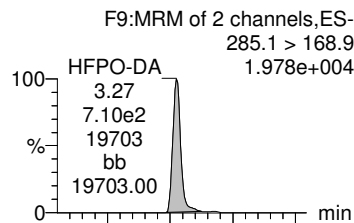
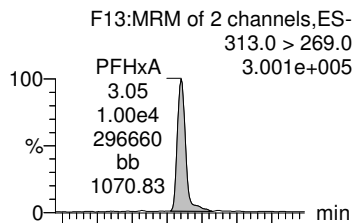
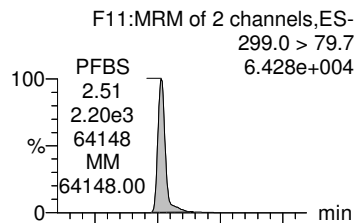
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



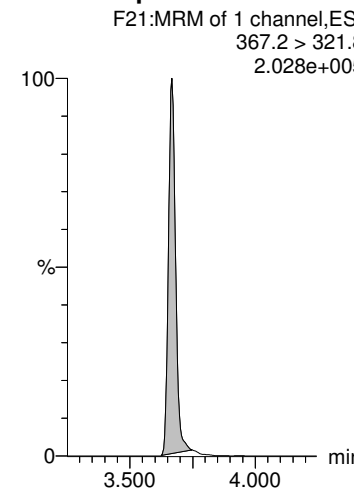
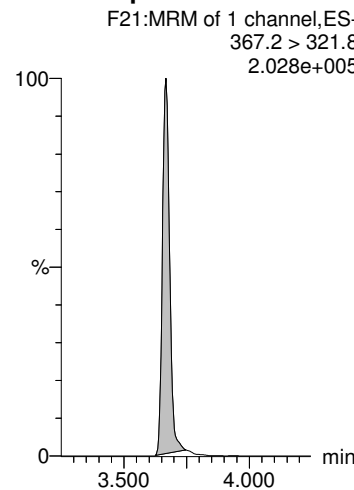
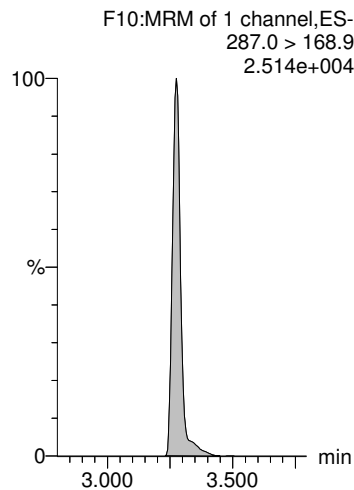
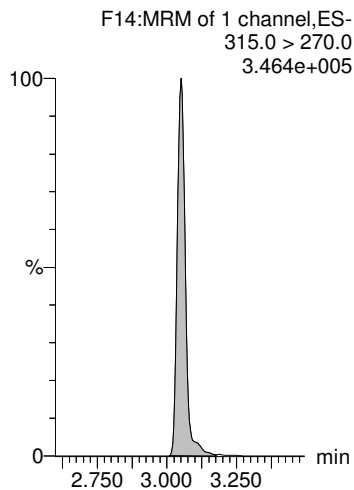
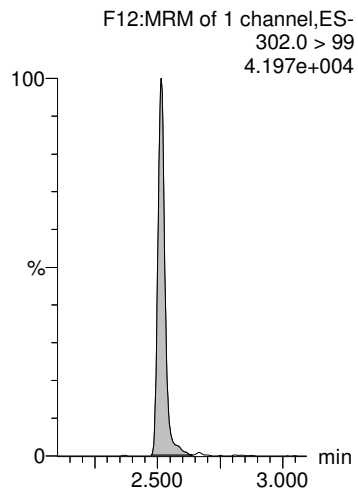
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



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Name: 200714M1_68, Date: 15-Jul-2020, Time: 02:45:38, ID: B0G0034-BS1 OPR 0.25, Description: OPR

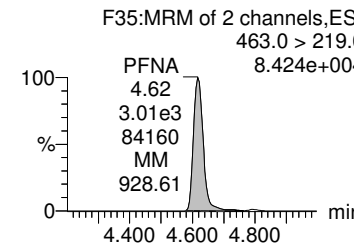
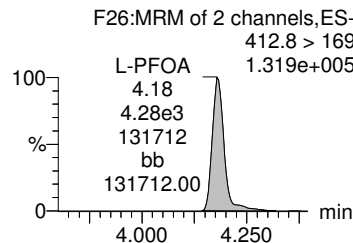
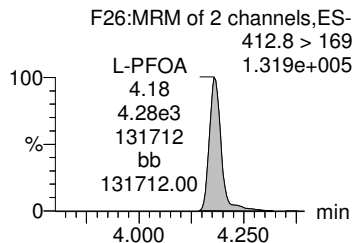
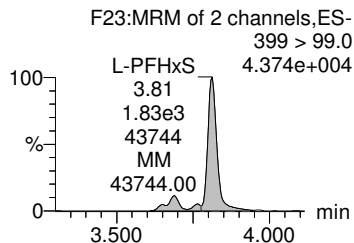
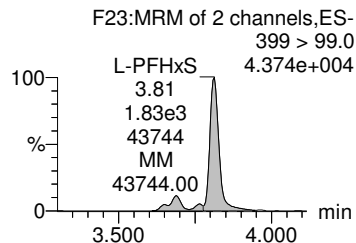
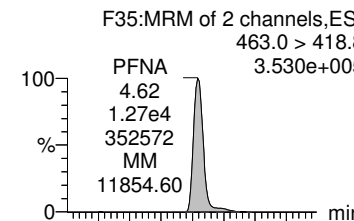
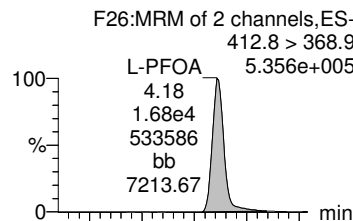
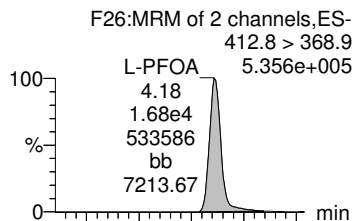
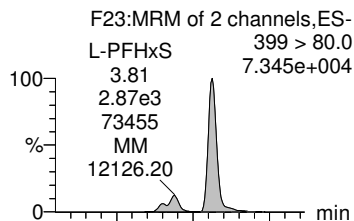
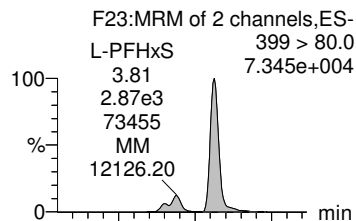
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



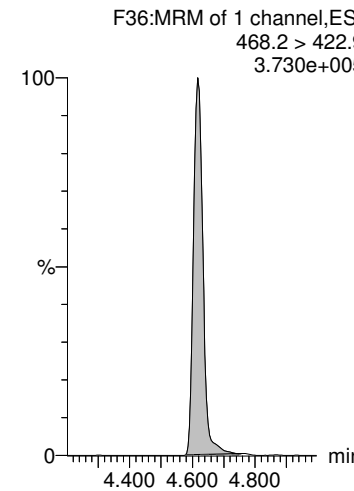
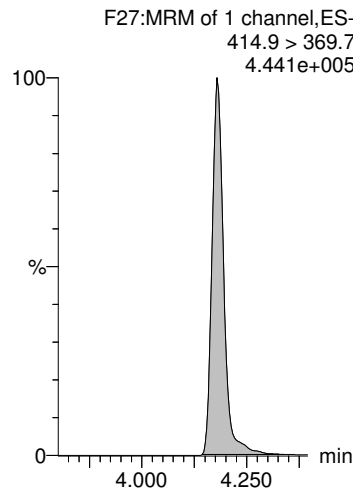
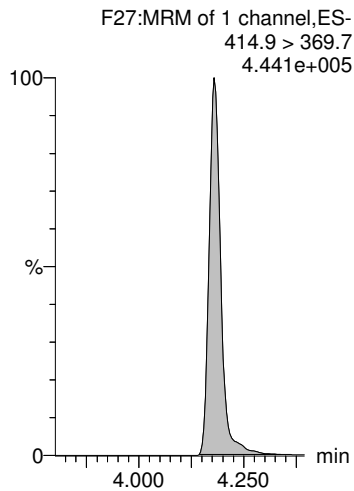
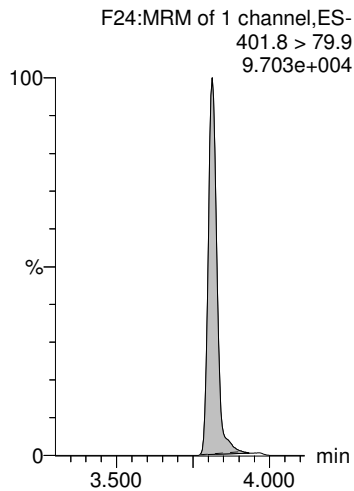
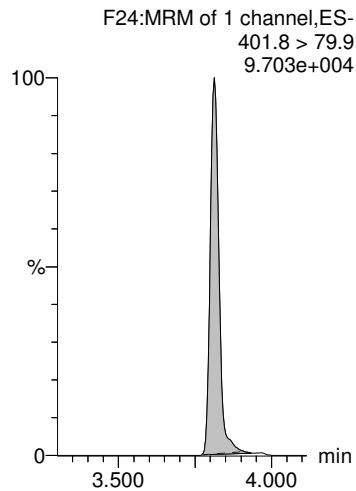
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



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Name: 200714M1_68, Date: 15-Jul-2020, Time: 02:45:38, ID: B0G0034-BS1 OPR 0.25, Description: OPR

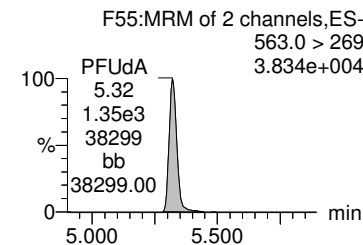
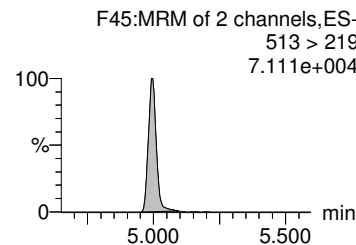
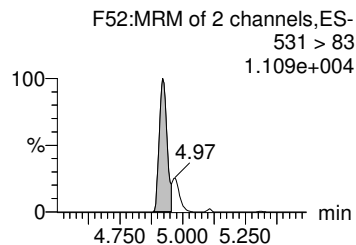
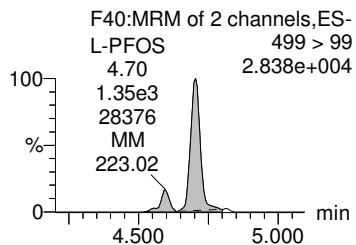
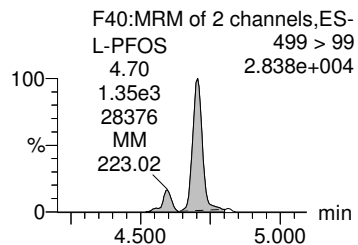
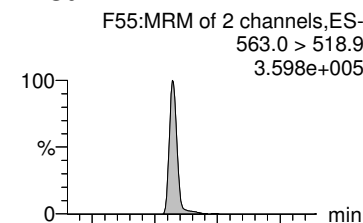
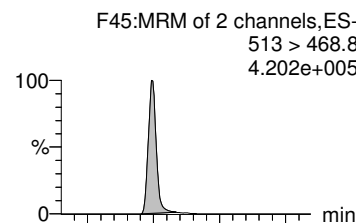
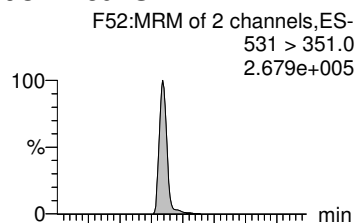
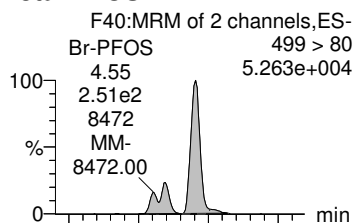
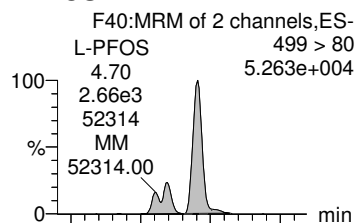
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



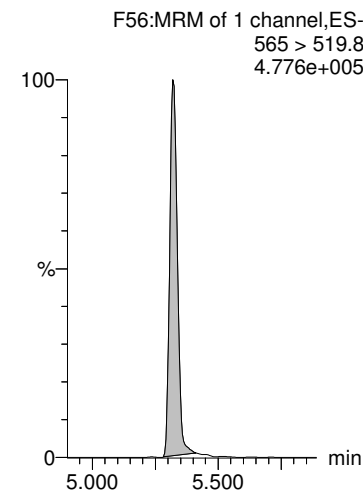
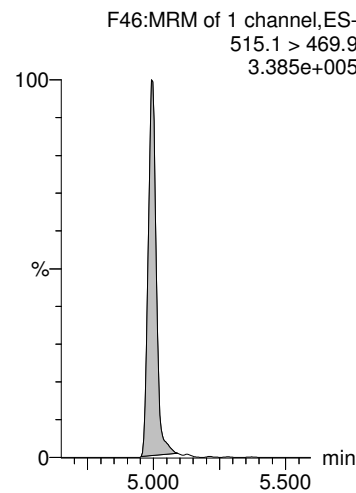
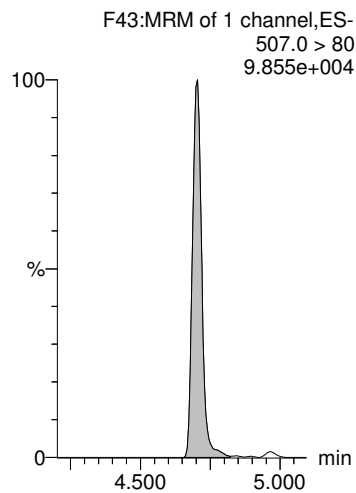
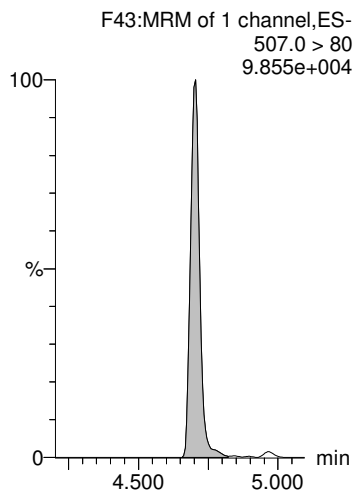
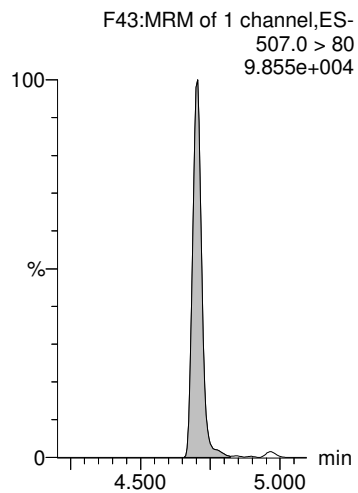
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



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Name: 200714M1_68, Date: 15-Jul-2020, Time: 02:45:38, ID: B0G0034-BS1 OPR 0.25, Description: OPR

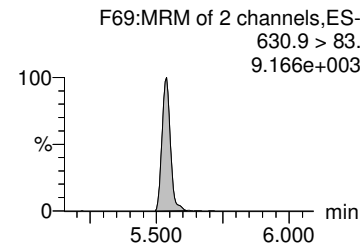
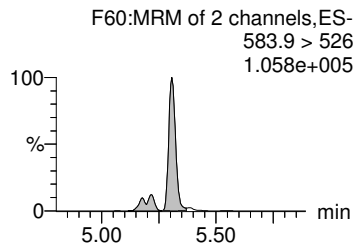
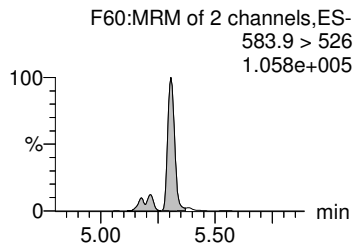
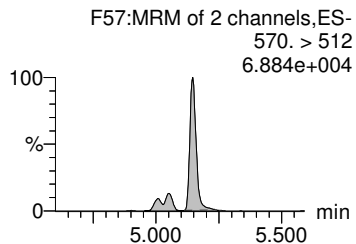
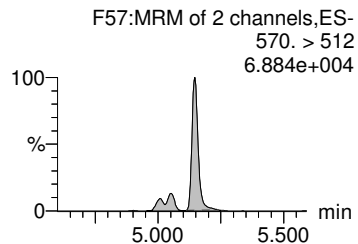
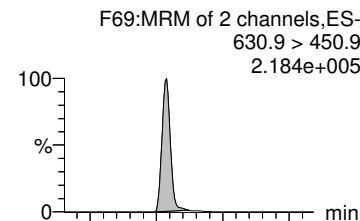
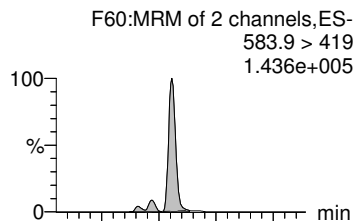
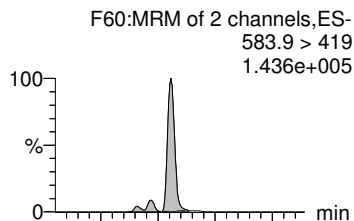
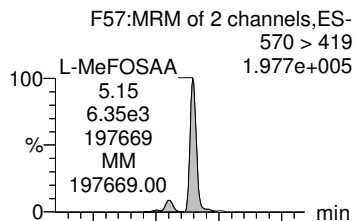
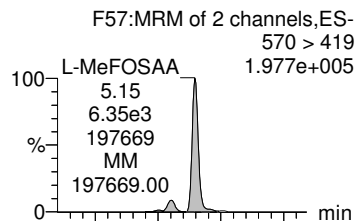
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30UdS



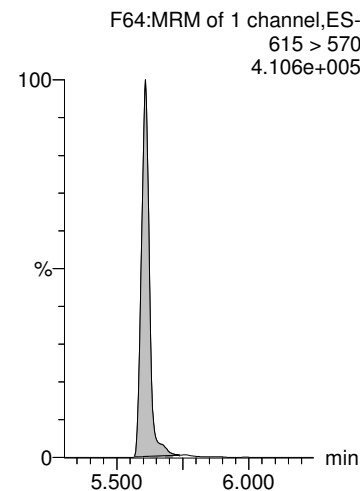
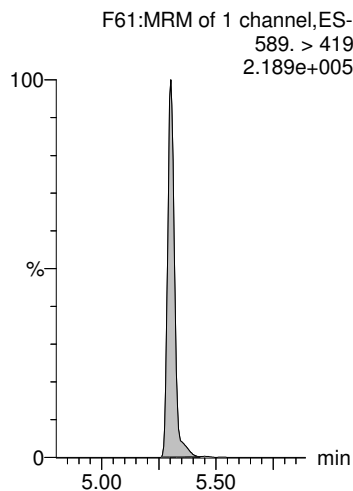
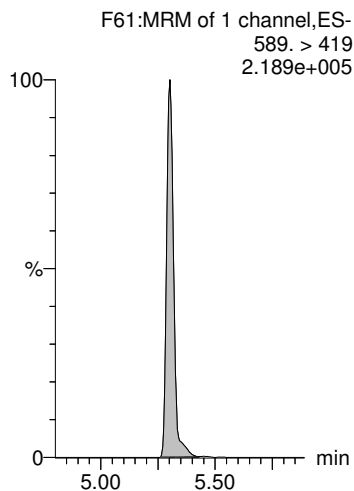
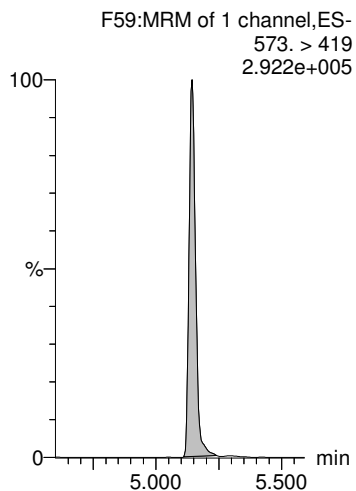
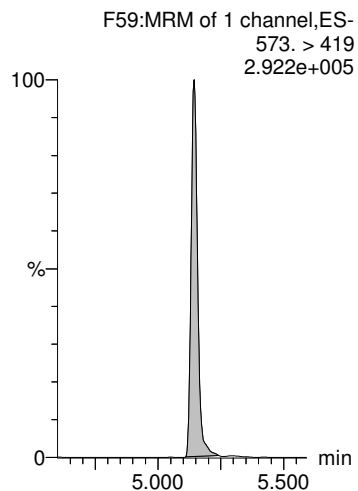
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



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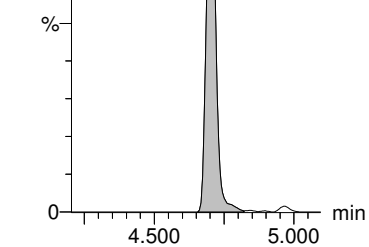
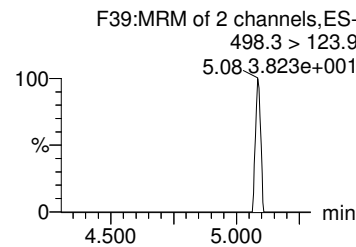
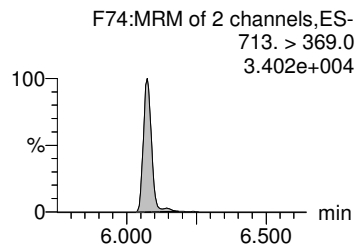
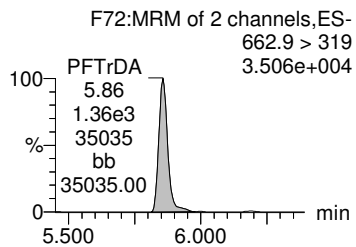
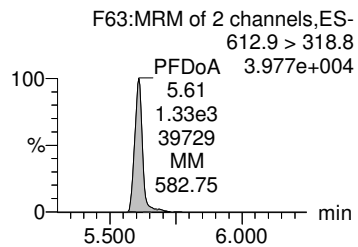
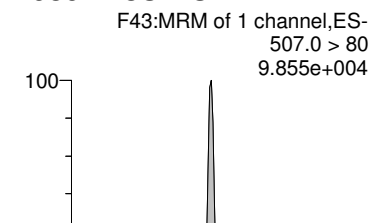
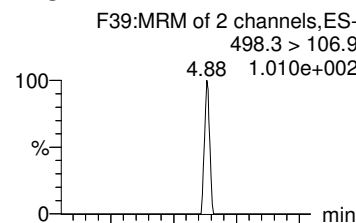
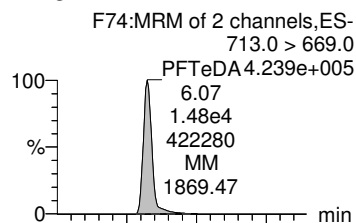
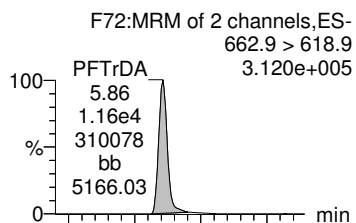
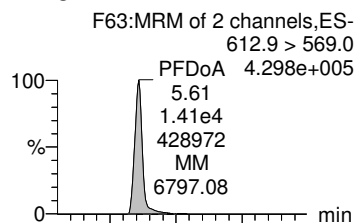
PFDoA

PFTTrDA

PFTeDA

TDCA

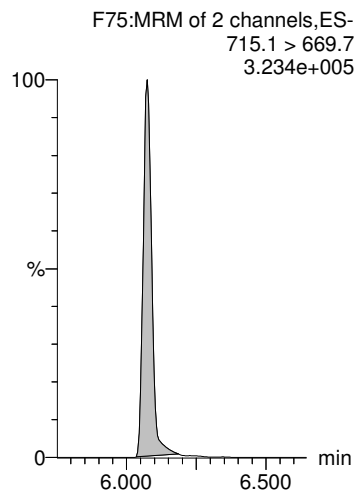
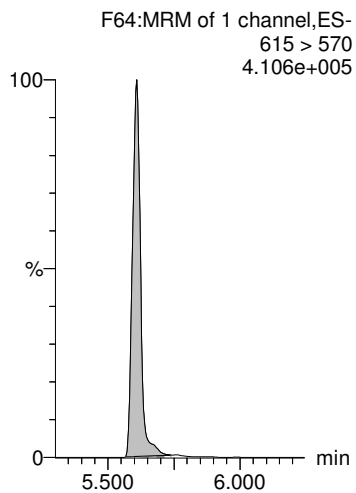
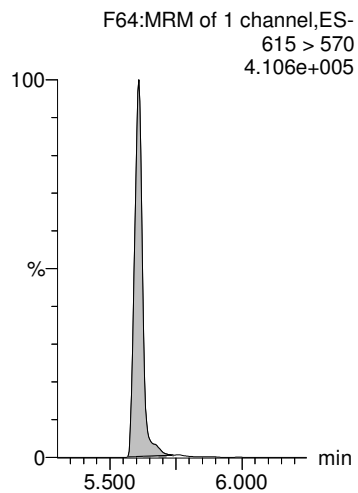
13C8-PFOS-EIS



13C2-PFDoA-EIS

13C2-PFDoA-EIS

13C2-PFTeDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-73.qld

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Name: 200714M1_73, Date: 15-Jul-2020, Time: 03:37:29, ID: 2001409-01 EB02-20200701 0.24388, Description: EB02-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7		1.392e3	0.244		2.52						YES
2	7 PFHxA	313.0 > 269.0		1.031e4	0.244		3.05						YES
3	9 HFPO-DA	285.1 > 168.9		7.635e2	0.244		3.27						YES
4	11 PFHpA	363.0 > 318.9		6.624e3	0.244		3.67						YES
5	12 ADONA	376.8 > 250.9		6.624e3	0.244		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.392e3		0.244	127.271	2.52	2.52	1390	44.851	87.5		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.031e4		0.244	1154.290	3.05	3.05	10300	36.632	71.5		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	7.635e2		0.244	101.036	3.28	3.27	764	30.986	60.5		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	6.624e3		0.244	686.728	3.67	3.67	6620	39.549	77.2		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	6.624e3		0.244	686.728	3.67	3.67	6620	39.549	77.2		
11	-1												
12	13 L-PFHxS	399 > 80.0		3.009e3	0.244		3.81						YES
13	1... Total PFHxS	399 > 80	0.000e0	3.009e3	0.244		3.83		0.000				
14	16 L-PFOA	412.8 > 368.9		1.334e4	0.244		4.18						YES
15	1... Total PFOA	412.8 > 368.9	0.000e0	1.334e4	0.244		4.20		0.000				
16	21 PFNA	463.0 > 418.8		1.240e4	0.244		4.62						YES
17	61 13C3-PFHxS-EIS	401.8 > 79.9	3.009e3		0.244	319.274	3.82	3.81	3010	38.644	75.4		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	3.009e3		0.244	319.274	3.82	3.81	3010	38.644	75.4		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.334e4		0.244	1394.720	4.19	4.18	13300	39.221	76.5		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.334e4		0.244	1394.720	4.19	4.18	13300	39.221	76.5		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.240e4		0.244	1417.984	4.63	4.62	12400	35.859	70.0		
22	-1												
23	23 L-PFOS	499 > 80	2.647e1	3.168e3	0.244		4.70	4.70	0.104	0.440		0.738	YES
24	1... Total PFOS	499 > 80	2.647e1	3.168e3	0.244		4.73		0.104	0.440			
25	25 9Cl-PF30NS	531 > 351.0		3.168e3	0.244		4.91						YES
26	26 PFDA	513 > 468.8		1.272e4	0.244		5.00						YES
27	33 PFUdA	563.0 > 518.9		1.692e4	0.244		5.32						YES
28	73 13C8-PFOS-EIS	507.0 > 80	3.168e3		0.244	361.054	4.71	4.70	3170	35.978	70.2		
29	73 13C8-PFOS-EIS	507.0 > 80	3.168e3		0.244	361.054	4.71	4.70	3170	35.978	70.2		
30	73 13C8-PFOS-EIS	507.0 > 80	3.168e3		0.244	361.054	4.71	4.70	3170	35.978	70.2		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.272e4		0.244	1350.069	5.00	5.00	12700	38.621	75.4		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.692e4		0.244	1994.364	5.33	5.32	16900	34.797	67.9		
33	-1												
34	29 L-MeFOSAA	570 > 419		8.669e3	0.244		5.14						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	8.669e3	0.244		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419		7.951e3	0.244		5.30						YES

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-73.qld

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Name: 200714M1_73, Date: 15-Jul-2020, Time: 03:37:29, ID: 2001409-01 EB02-20200701 0.24388, Description: EB02-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	0.000e0	7.951e3	0.244		5.33		0.000				
38	35 11Cl-PF30UdS	630.9 > 450.9		1.917e4	0.244		5.54						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	8.669e3		0.244	1024.448	5.15	5.14	8670	34.698	67.7		
40	79 d3-N-MeFOSAA-EIS	573. > 419	8.669e3		0.244	1024.448	5.15	5.14	8670	34.698	67.7		
41	83 d5-N-EtFOSAA-EIS	589. > 419	7.951e3		0.244	964.220	5.31	5.30	7950	33.811	66.0		
42	83 d5-N-EtFOSAA-EIS	589. > 419	7.951e3		0.244	964.220	5.31	5.30	7950	33.811	66.0		
43	85 13C2-PFDoA-EIS	615 > 570	1.917e4		0.244	2212.380	5.62	5.61	19200	35.535	69.3		
44	-1												
45	37 PFDoA	612.9 > 569.0		1.917e4	0.244		5.61						YES
46	39 PFTrDA	662.9 > 618.9		1.917e4	0.244		5.86						YES
47	41 PFTeDA	713.0 > 669.0		1.211e4	0.244		6.07						YES
48	1... TDCA	498.3>106.9			0.244		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.168e3		0.244	361.054	4.71	4.70	3170	35.978	70.2		
50	85 13C2-PFDoA-EIS	615 > 570	1.917e4		0.244	2212.380	5.62	5.61	19200	35.535	69.3		
51	85 13C2-PFDoA-EIS	615 > 570	1.917e4		0.244	2212.380	5.62	5.61	19200	35.535	69.3		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.211e4		0.244	1536.348	6.08	6.07	12100	32.326	63.1		

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-73.qld

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Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_73, Date: 15-Jul-2020, Time: 03:37:29, ID: 2001409-01 EB02-20200701 0.24388, Description: EB02-20200701

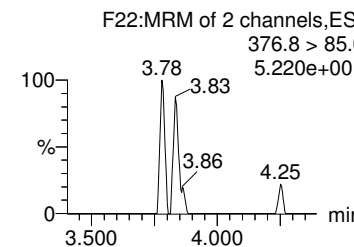
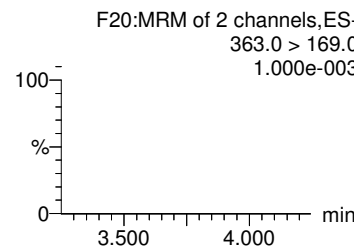
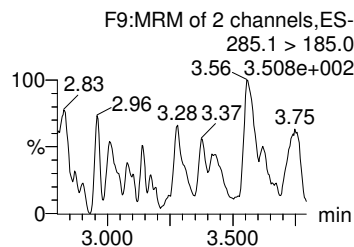
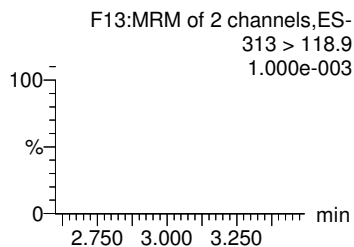
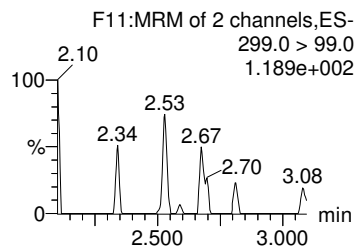
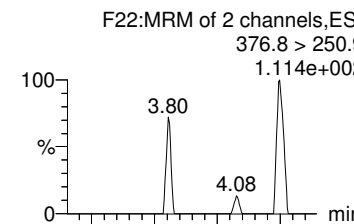
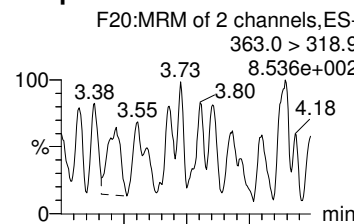
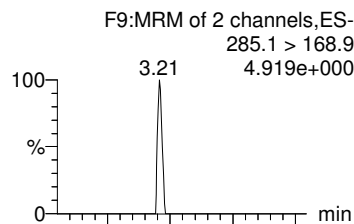
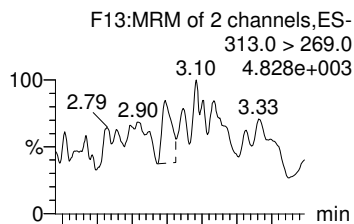
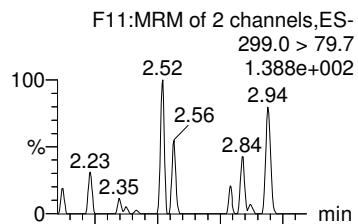
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



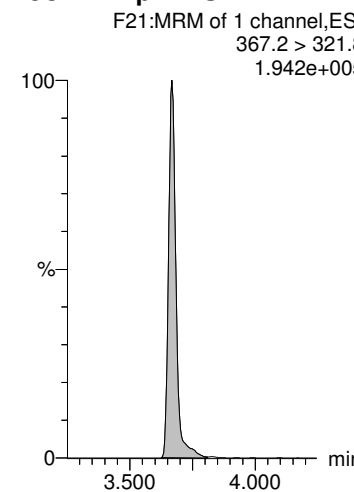
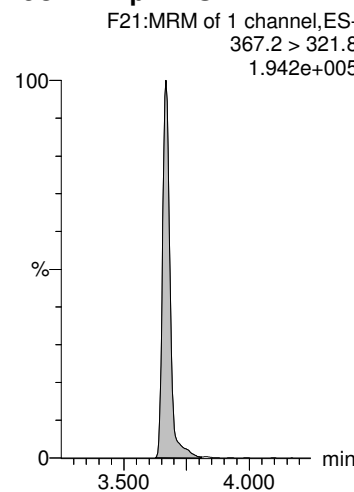
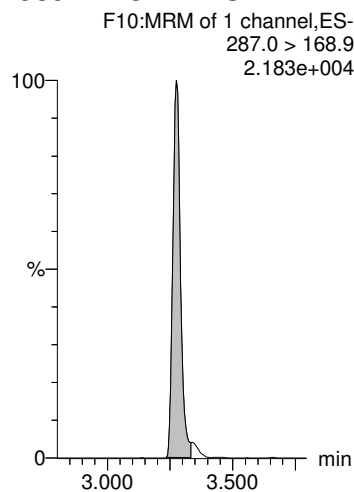
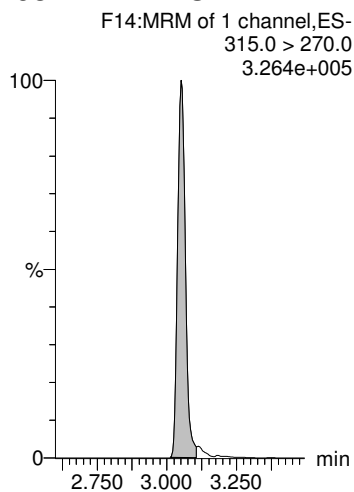
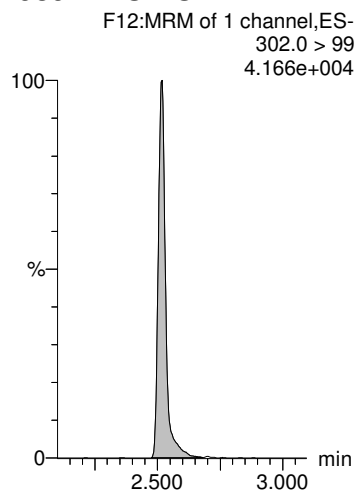
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13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



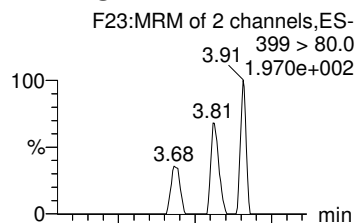
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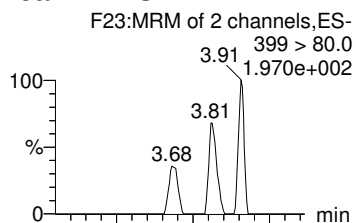
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Name: 200714M1_73, Date: 15-Jul-2020, Time: 03:37:29, ID: 2001409-01 EB02-20200701 0.24388, Description: EB02-20200701

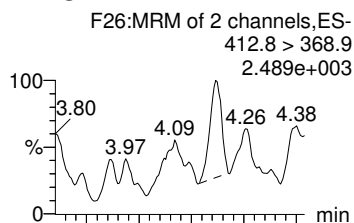
L-PFHxS



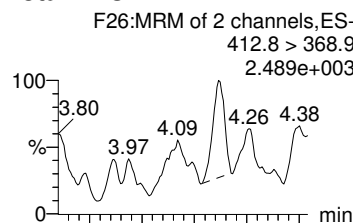
Total PFHxS



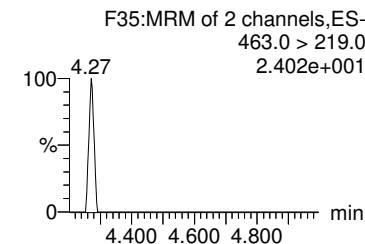
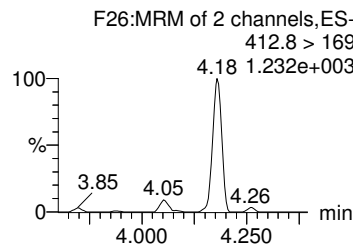
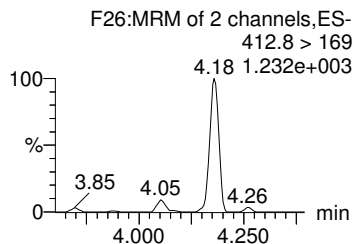
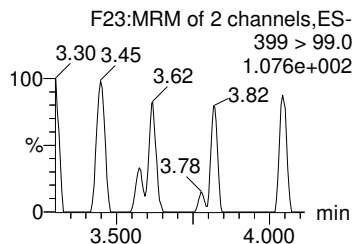
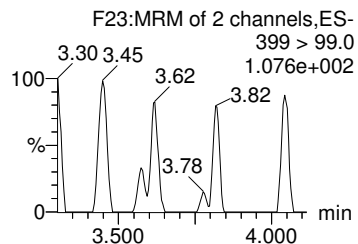
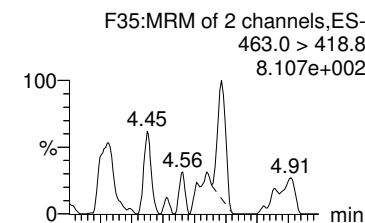
L-PFOA



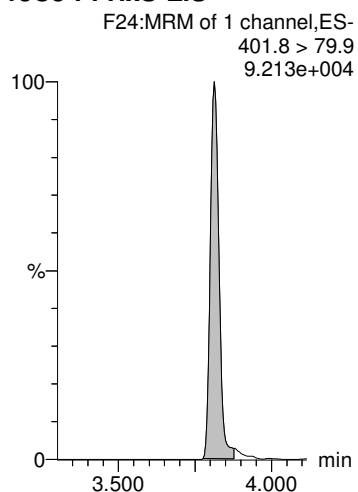
Total PFOA



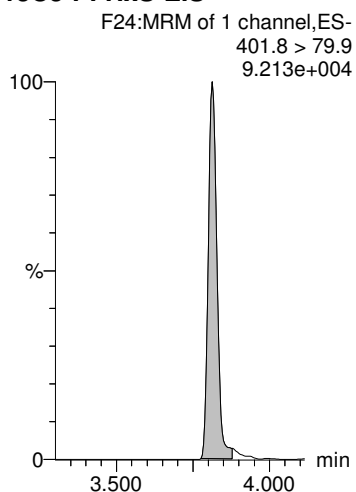
PFNA



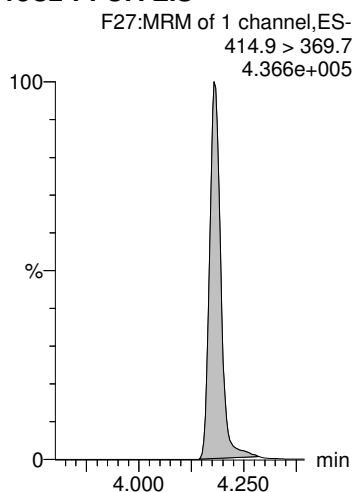
13C3-PFHxS-EIS



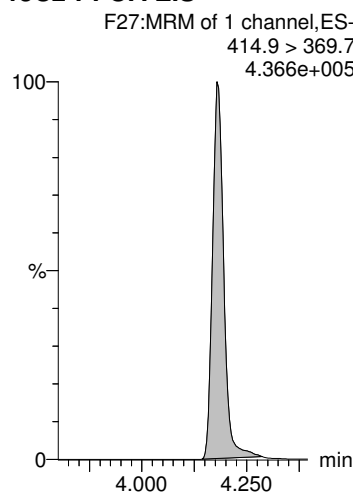
13C3-PFHxS-EIS



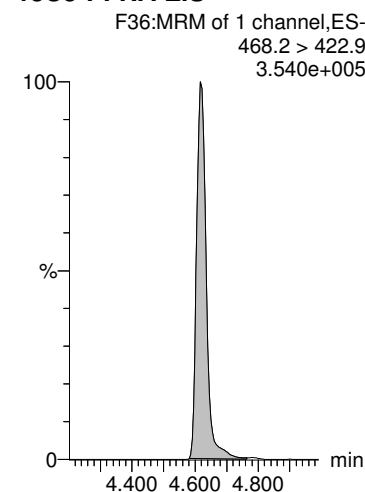
13C2-PFOA-EIS



13C2-PFOA-EIS



13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-73.qld

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Name: 200714M1_73, Date: 15-Jul-2020, Time: 03:37:29, ID: 2001409-01 EB02-20200701 0.24388, Description: EB02-20200701

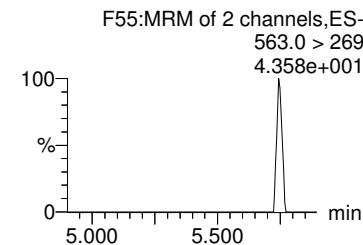
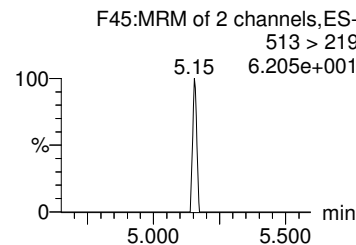
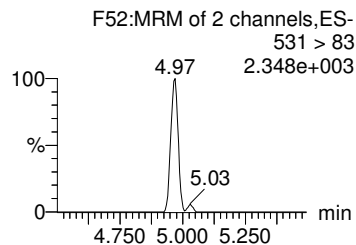
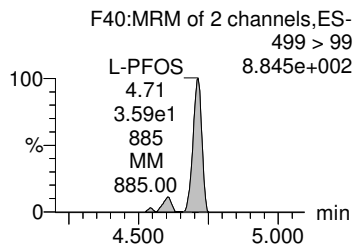
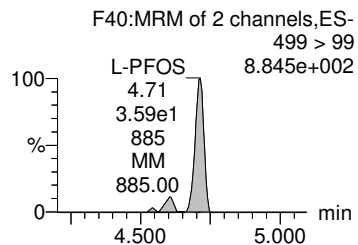
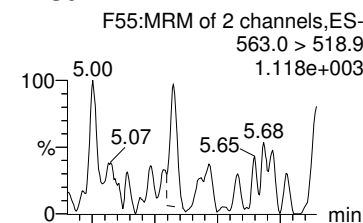
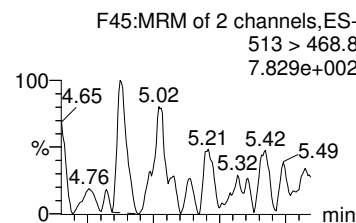
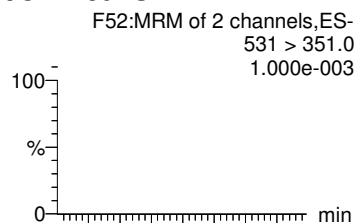
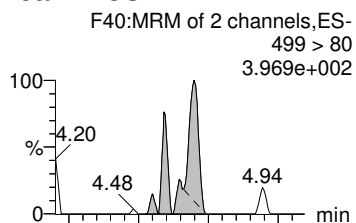
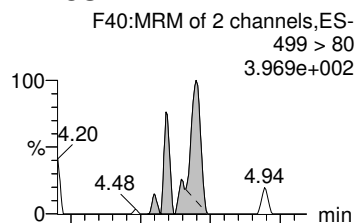
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



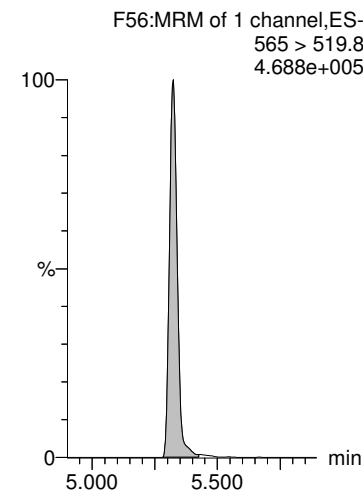
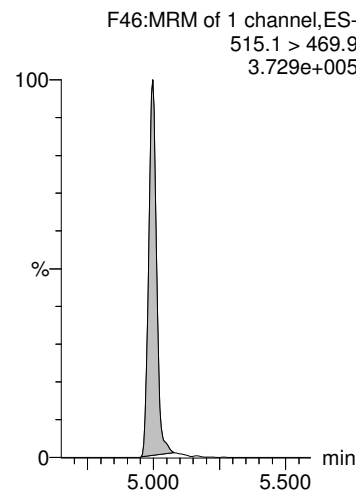
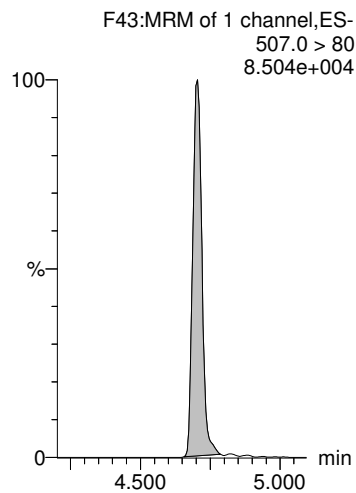
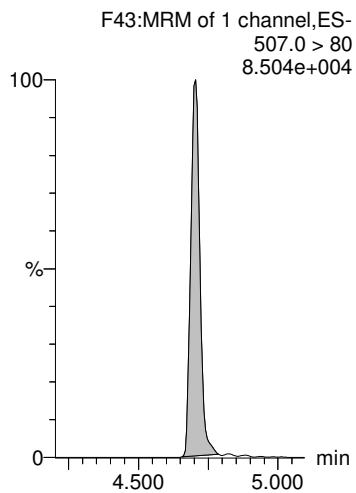
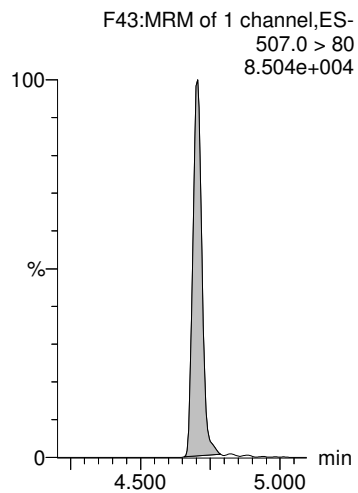
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-73.qld

Last Altered: Monday, July 20, 2020 16:44:57 Pacific Daylight Time

Printed: Monday, July 20, 2020 16:47:35 Pacific Daylight Time

Name: 200714M1_73, Date: 15-Jul-2020, Time: 03:37:29, ID: 2001409-01 EB02-20200701 0.24388, Description: EB02-20200701

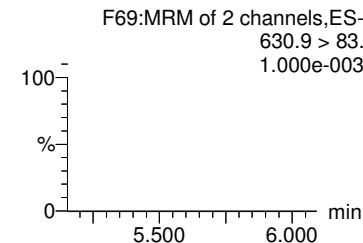
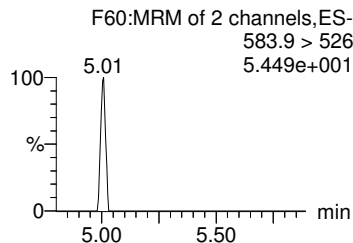
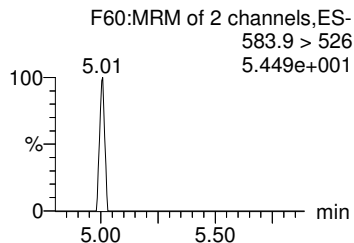
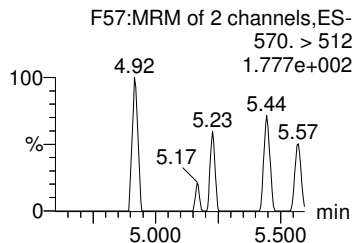
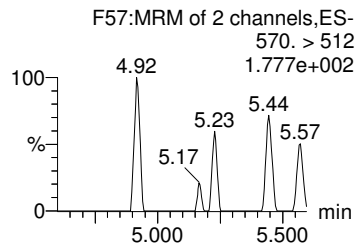
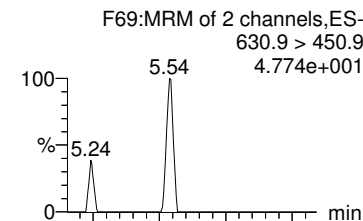
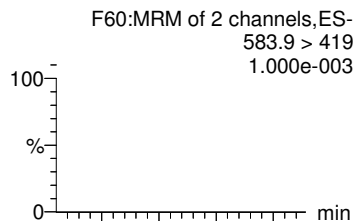
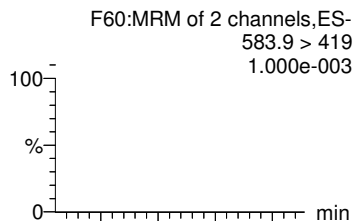
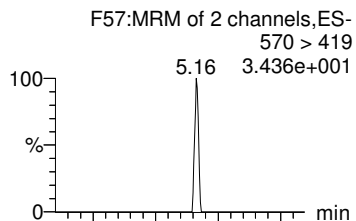
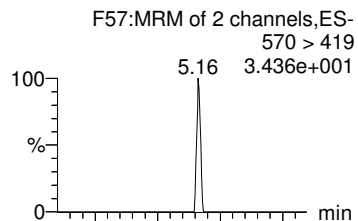
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30UdS



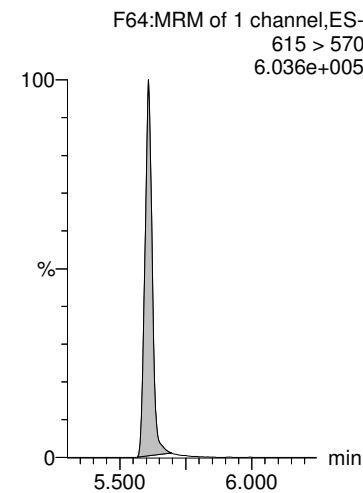
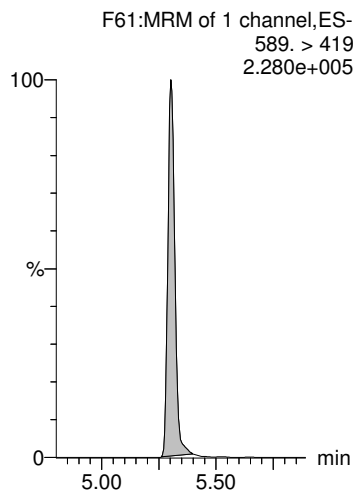
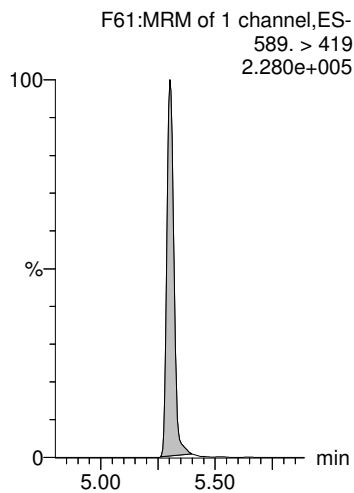
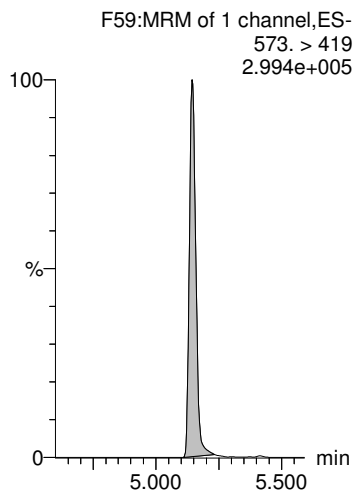
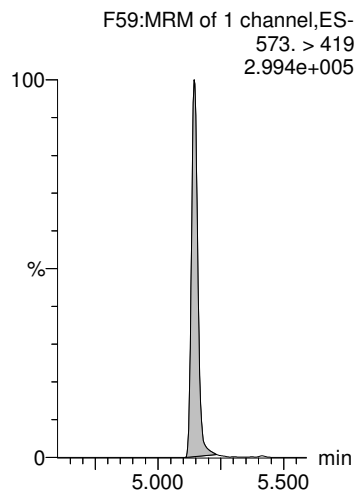
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-73.qld

Last Altered: Monday, July 20, 2020 16:44:57 Pacific Daylight Time

Printed: Monday, July 20, 2020 16:47:35 Pacific Daylight Time

Name: 200714M1_73, Date: 15-Jul-2020, Time: 03:37:29, ID: 2001409-01 EB02-20200701 0.24388, Description: EB02-20200701

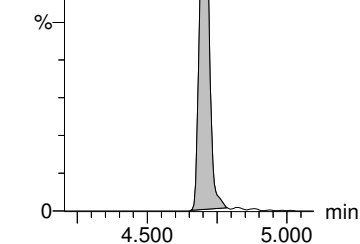
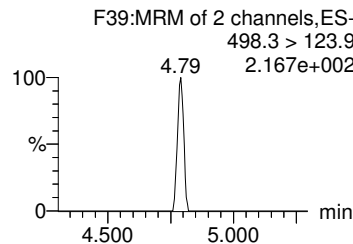
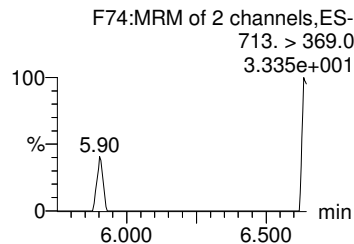
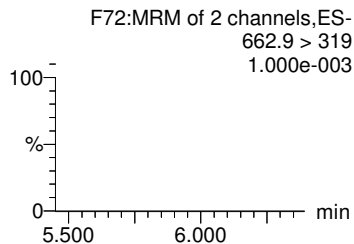
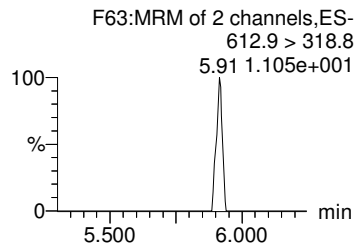
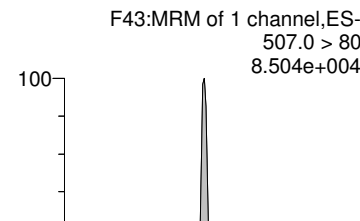
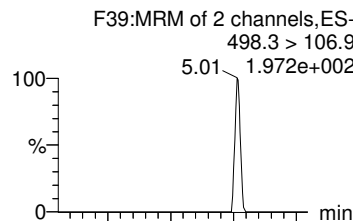
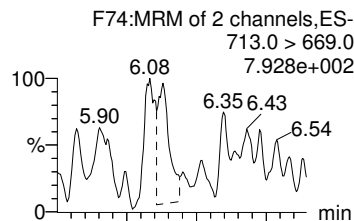
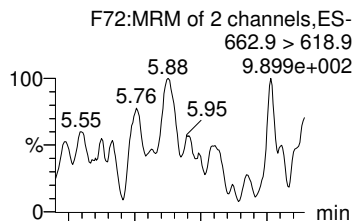
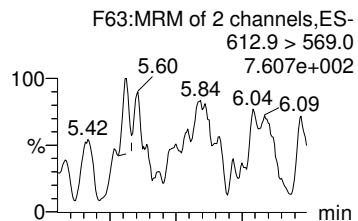
PFD_oA

PFT_rDA

PFT_eDA

TDCA

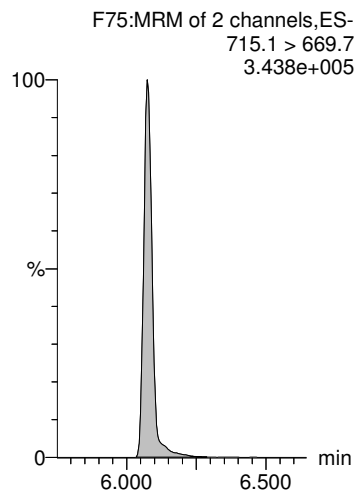
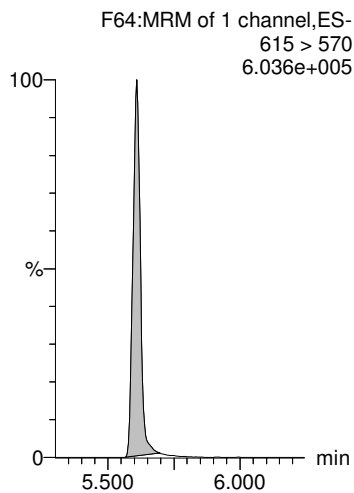
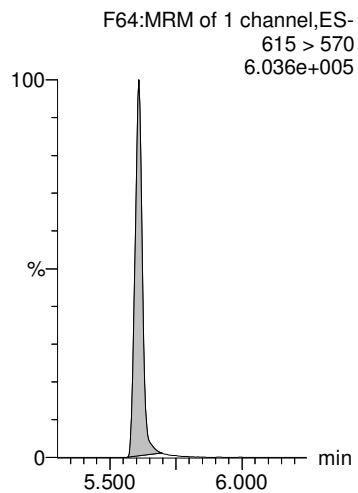
13C₈-PFOS-EIS



13C₂-PFD_oA-EIS

13C₂-PFT_rDA-EIS

13C₂-PFT_eDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-74.qld

Last Altered: Monday, July 20, 2020 16:56:35 Pacific Daylight Time
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Name: 200714M1_74, Date: 15-Jul-2020, Time: 03:47:51, ID: 2001409-02 IS72MW16DR-20200701 0.23645, Description: IS72MW16DR-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	1.186e3	1.364e3	0.236		2.52	2.52	10.9	23.639		2.632	NO
2	7 PFHxA	313.0 > 269.0	9.096e3	1.078e4	0.236		3.05	3.05	10.5	42.904		17.471	NO
3	9 HFPO-DA	285.1 > 168.9		8.210e2	0.236		3.28						YES
4	11 PFHpA	363.0 > 318.9	2.018e3	6.319e3	0.236		3.67	3.67	3.99	13.187		17.010	NO
5	12 ADONA	376.8 > 250.9		6.319e3	0.236		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.364e3		0.236	127.271	2.52	2.52	1360	45.333	85.8		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.078e4		0.236	1154.290	3.05	3.05	10800	39.509	74.7		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	8.210e2		0.236	101.036	3.28	3.28	821	34.365	65.0		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	6.319e3		0.236	686.728	3.67	3.67	6320	38.913	73.6		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	6.319e3		0.236	686.728	3.67	3.67	6320	38.913	73.6		
11	-1												
12	13 L-PFHxS	399 > 80.0	1.057e4	3.125e3	0.236		3.81	3.81	42.3	160.544		1.785	NO
13	1... Total PFHxS	399 > 80	1.057e4	3.125e3	0.236		3.83		42.3	160.544			
14	16 L-PFOA	412.8 > 368.9	6.129e4	1.362e4	0.236		4.18	4.18	56.3	167.071		3.398	NO
15	1... Total PFOA	412.8 > 368.9	6.129e4	1.362e4	0.236		4.20		56.3	167.071			
16	21 PFNA	463.0 > 418.8	2.640e2	1.224e4	0.236		4.62	4.62	0.270	0.903		4.938	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	3.125e3		0.236	319.274	3.82	3.81	3130	41.396	78.3		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	3.125e3		0.236	319.274	3.82	3.81	3130	41.396	78.3		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.362e4		0.236	1394.720	4.19	4.18	13600	41.299	78.1		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.362e4		0.236	1394.720	4.19	4.18	13600	41.299	78.1		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.224e4		0.236	1417.984	4.63	4.62	12200	36.507	69.1		
22	-1												
23	23 L-PFOS	499 > 80	4.721e3	3.813e3	0.236		4.70	4.70	15.5	65.043		2.181	NO
24	1... Total PFOS	499 > 80	4.721e3	3.813e3	0.236		4.73		15.5	65.043			
25	25 9Cl-PF30NS	531 > 351.0		3.813e3	0.236		4.91						YES
26	26 PFDA	513 > 468.8		1.423e4	0.236		5.00						YES
27	33 PFUdA	563.0 > 518.9		1.944e4	0.236		5.32						YES
28	73 13C8-PFOS-EIS	507.0 > 80	3.813e3		0.236	361.054	4.71	4.70	3810	44.661	84.5		
29	73 13C8-PFOS-EIS	507.0 > 80	3.813e3		0.236	361.054	4.71	4.70	3810	44.661	84.5		
30	73 13C8-PFOS-EIS	507.0 > 80	3.813e3		0.236	361.054	4.71	4.70	3810	44.661	84.5		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.423e4		0.236	1350.069	5.00	5.00	14200	44.562	84.3		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.944e4		0.236	1994.364	5.33	5.32	19400	41.218	78.0		
33	-1												
34	29 L-MeFOSAA	570 > 419		9.782e3	0.236		5.15						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	9.782e3	0.236		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419		9.357e3	0.236		5.30						YES

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-74.qld

Last Altered: Monday, July 20, 2020 16:56:35 Pacific Daylight Time

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Name: 200714M1_74, Date: 15-Jul-2020, Time: 03:47:51, ID: 2001409-02 IS72MW16DR-20200701 0.23645, Description: IS72MW16DR-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	0.000e0	9.357e3	0.236		5.33		0.000				
38	35 11Cl-PF30UdS	630.9 > 450.9		2.177e4	0.236		5.54						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	9.782e3		0.236	1024.448	5.15	5.15	9780	40.382	76.4		
40	79 d3-N-MeFOSAA-EIS	573. > 419	9.782e3		0.236	1024.448	5.15	5.15	9780	40.382	76.4		
41	83 d5-N-EtFOSAA-EIS	589. > 419	9.357e3		0.236	964.220	5.31	5.30	9360	41.042	77.6		
42	83 d5-N-EtFOSAA-EIS	589. > 419	9.357e3		0.236	964.220	5.31	5.30	9360	41.042	77.6		
43	85 13C2-PFDoA-EIS	615 > 570	2.177e4		0.236	2212.380	5.62	5.61	21800	41.622	78.7		
44	-1												
45	37 PFDoA	612.9 > 569.0		2.177e4	0.236		5.61						YES
46	39 PFTrDA	662.9 > 618.9		2.177e4	0.236		5.86						YES
47	41 PFTeDA	713.0 > 669.0		1.447e4	0.236		6.07						YES
48	1... TDCA	498.3>106.9			0.236		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.813e3		0.236	361.054	4.71	4.70	3810	44.661	84.5		
50	85 13C2-PFDoA-EIS	615 > 570	2.177e4		0.236	2212.380	5.62	5.61	21800	41.622	78.7		
51	85 13C2-PFDoA-EIS	615 > 570	2.177e4		0.236	2212.380	5.62	5.61	21800	41.622	78.7		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.447e4		0.236	1536.348	6.08	6.07	14500	39.822	75.3		

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-74.qld

Last Altered: Monday, July 20, 2020 16:56:35 Pacific Daylight Time

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 20 Jul 2020 16:49:14

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_74, Date: 15-Jul-2020, Time: 03:47:51, ID: 2001409-02 IS72MW16DR-20200701 0.23645, Description: IS72MW16DR-20200701

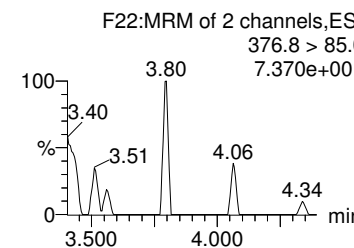
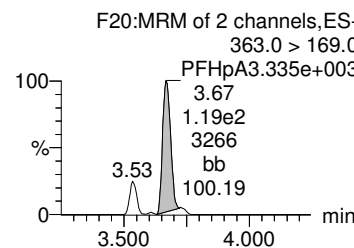
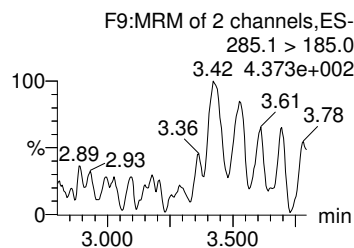
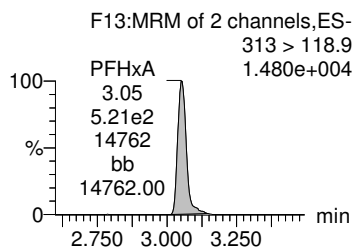
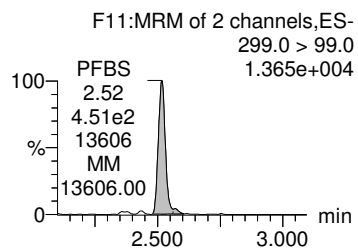
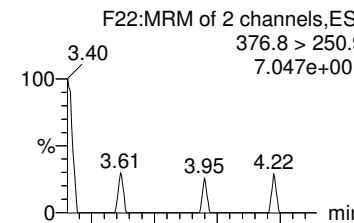
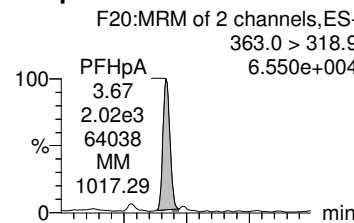
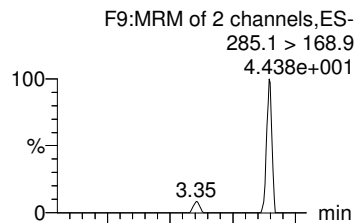
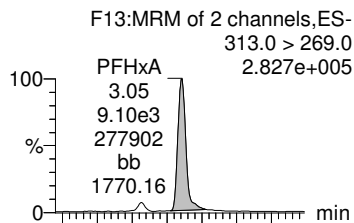
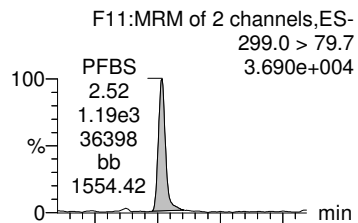
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



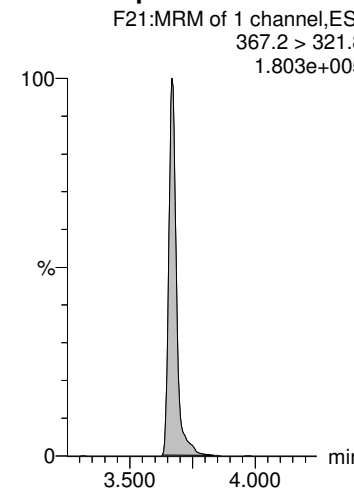
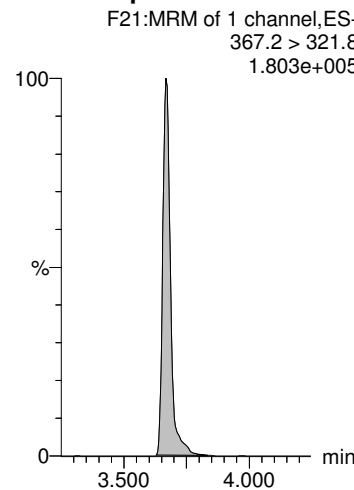
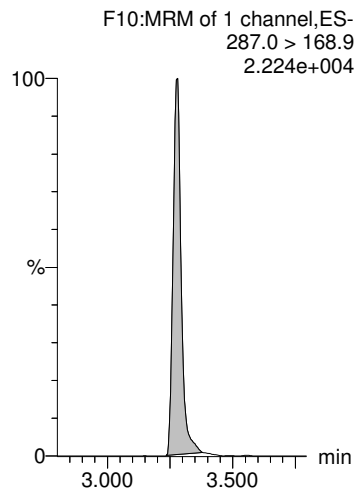
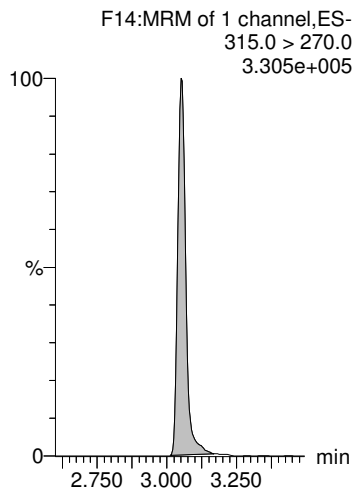
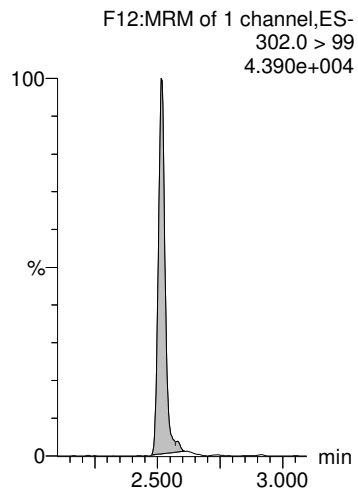
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-74.qld

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Name: 200714M1_74, Date: 15-Jul-2020, Time: 03:47:51, ID: 2001409-02 IS72MW16DR-20200701 0.23645, Description: IS72MW16DR-20200701

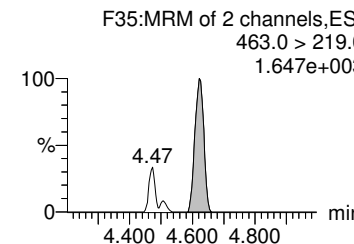
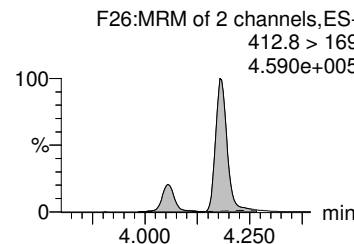
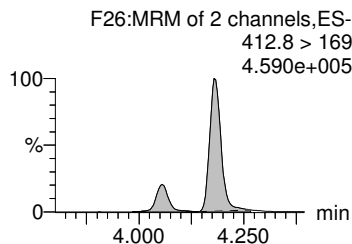
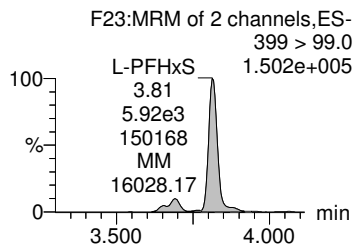
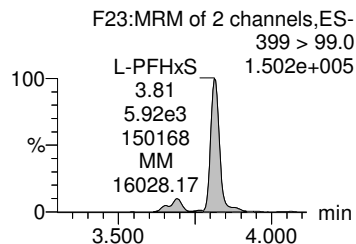
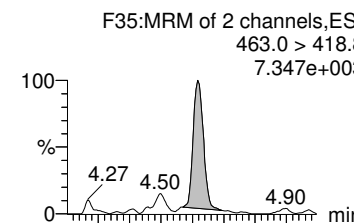
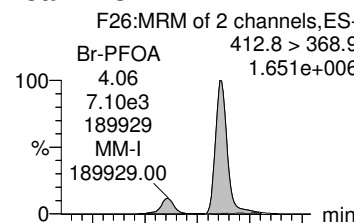
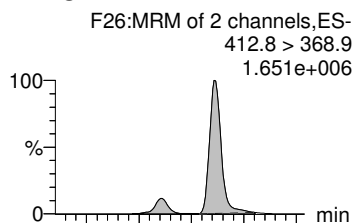
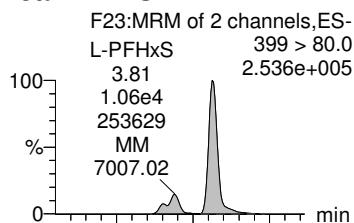
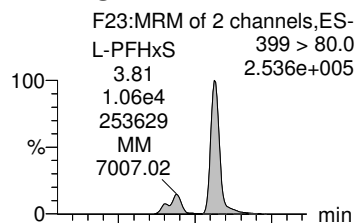
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



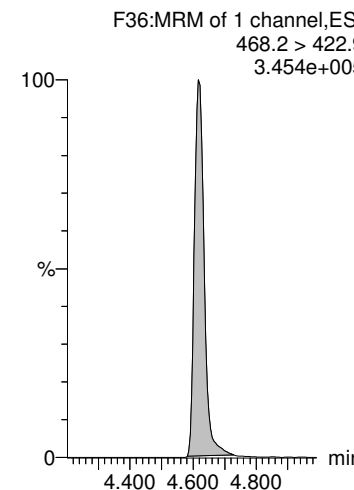
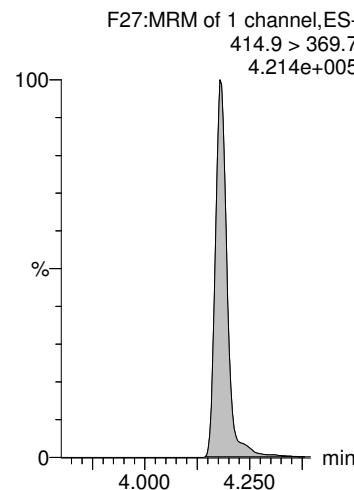
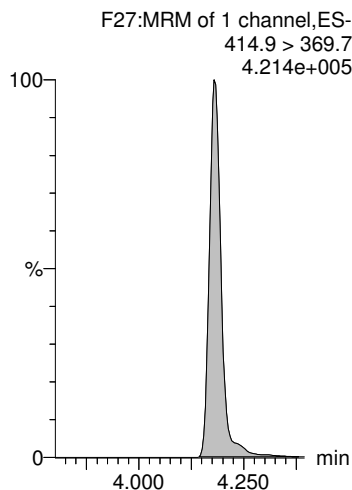
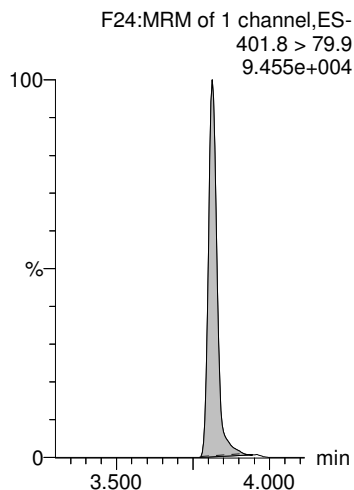
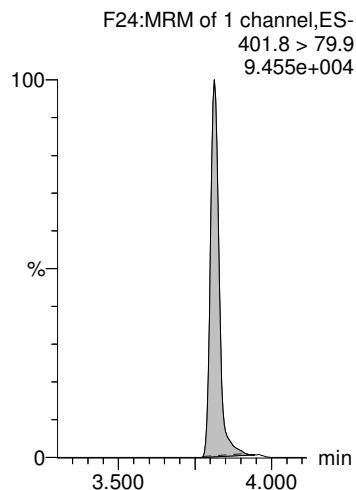
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-74.qld

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Name: 200714M1_74, Date: 15-Jul-2020, Time: 03:47:51, ID: 2001409-02 IS72MW16DR-20200701 0.23645, Description: IS72MW16DR-20200701

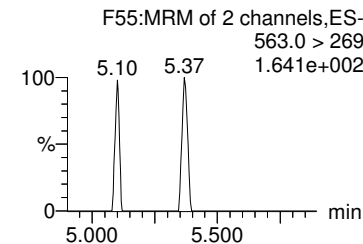
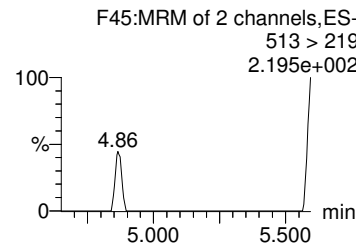
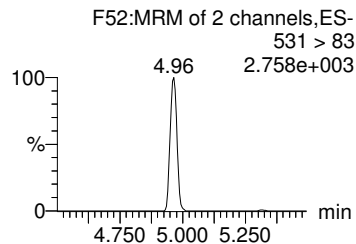
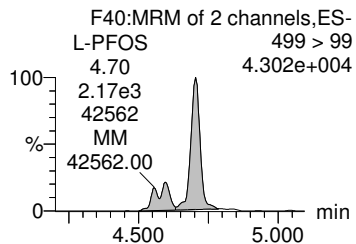
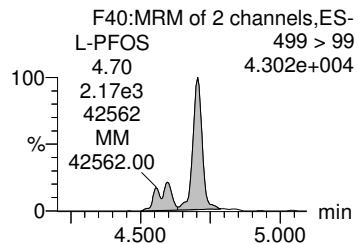
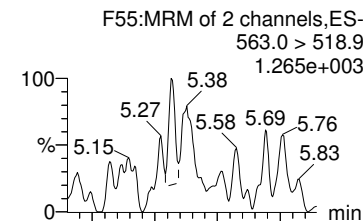
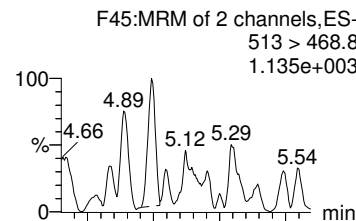
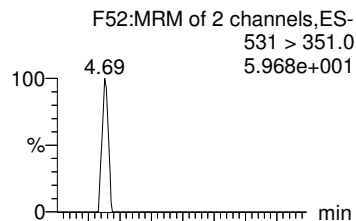
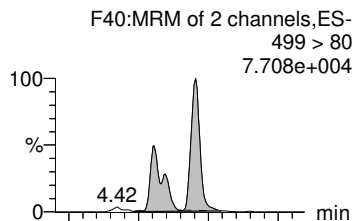
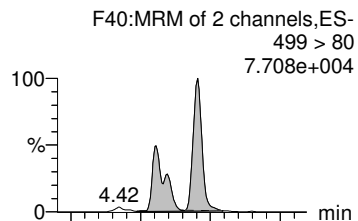
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



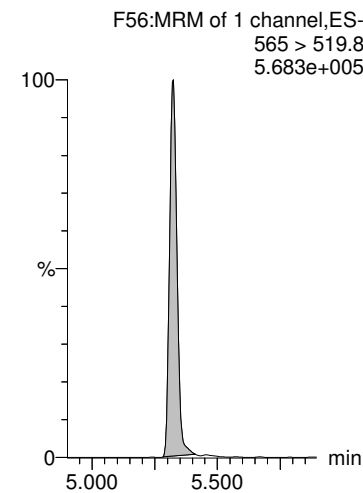
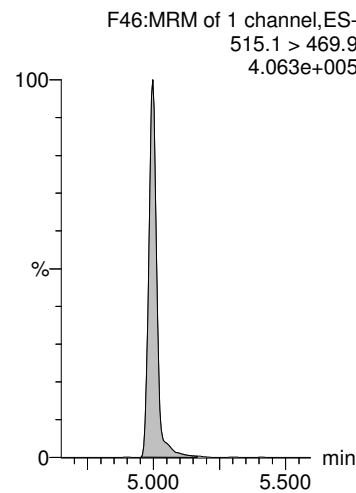
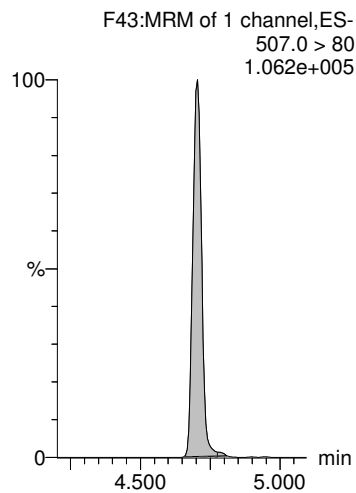
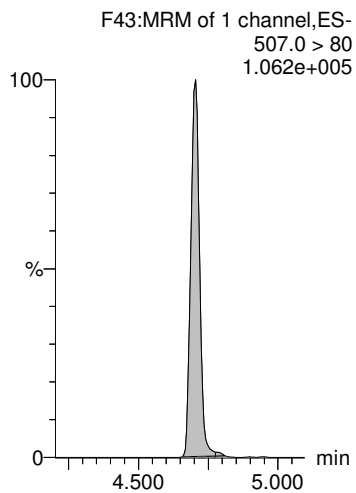
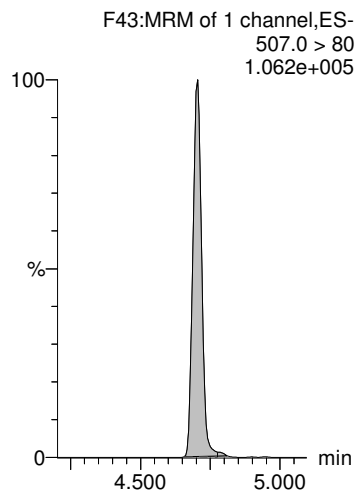
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-74.qld

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Name: 200714M1_74, Date: 15-Jul-2020, Time: 03:47:51, ID: 2001409-02 IS72MW16DR-20200701 0.23645, Description: IS72MW16DR-20200701

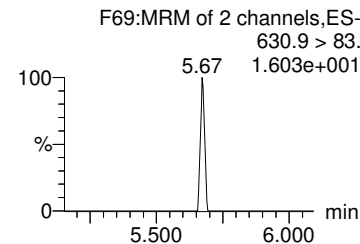
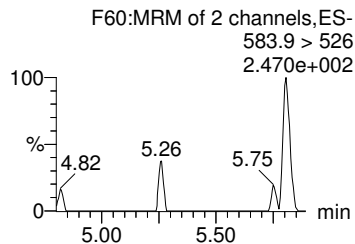
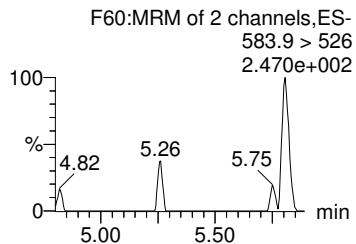
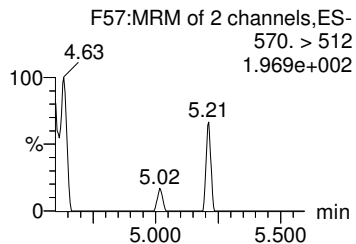
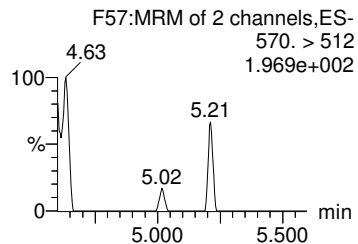
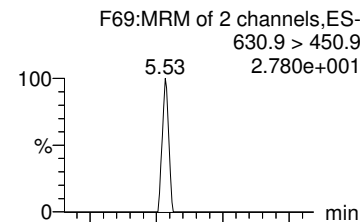
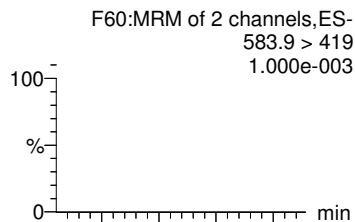
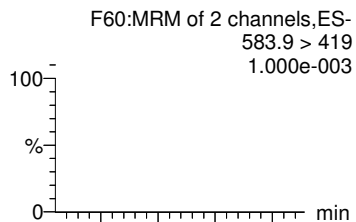
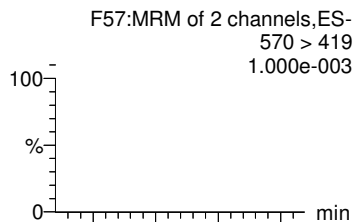
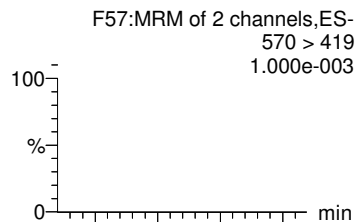
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30UdS



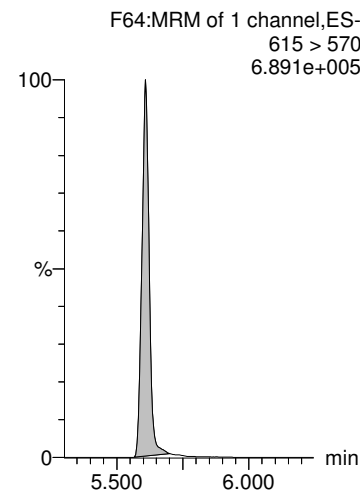
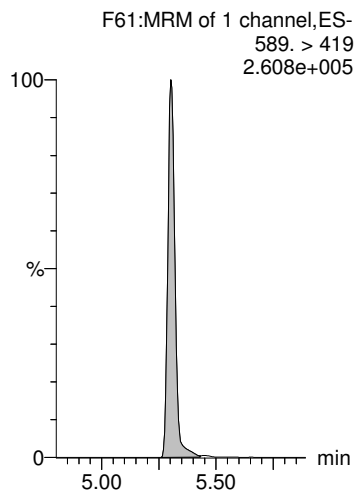
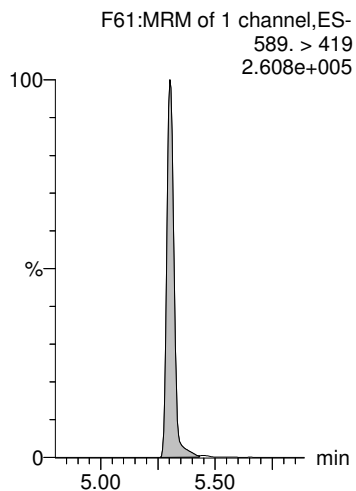
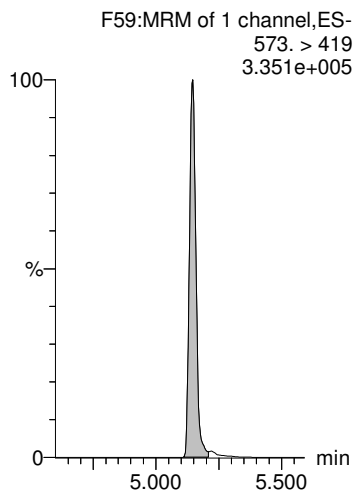
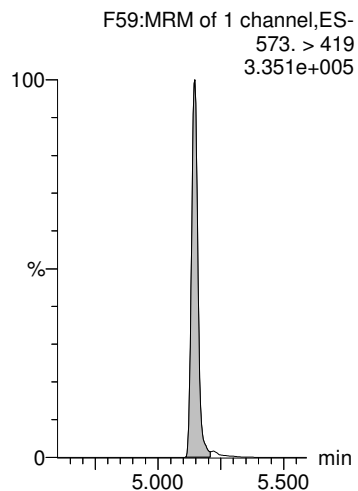
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-74.qld

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Name: 200714M1_74, Date: 15-Jul-2020, Time: 03:47:51, ID: 2001409-02 IS72MW16DR-20200701 0.23645, Description: IS72MW16DR-20200701

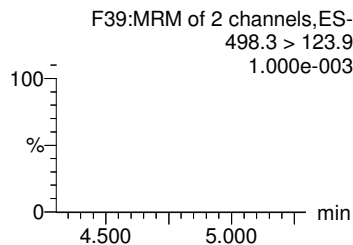
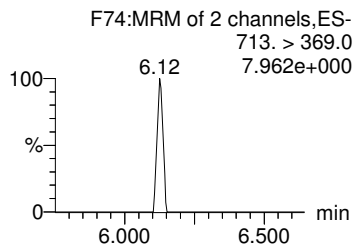
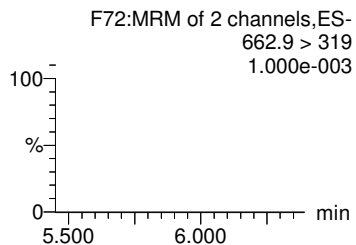
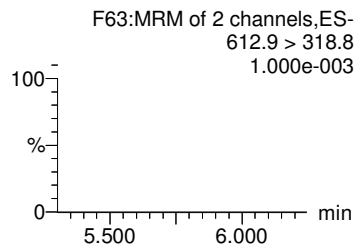
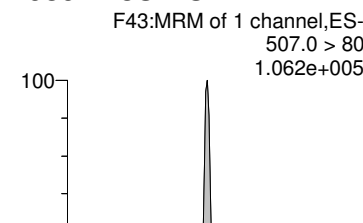
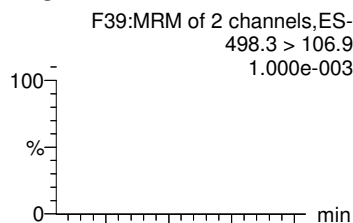
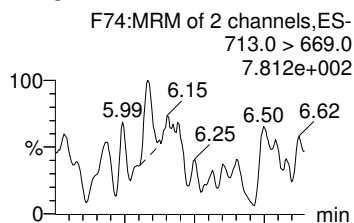
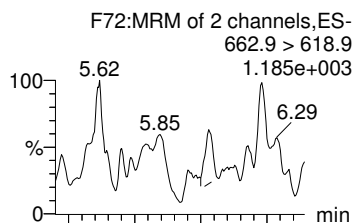
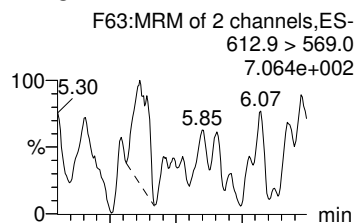
PFD_oA

PFT_rDA

PFT_eDA

TDCA

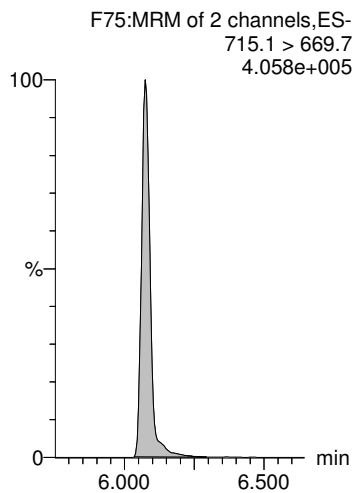
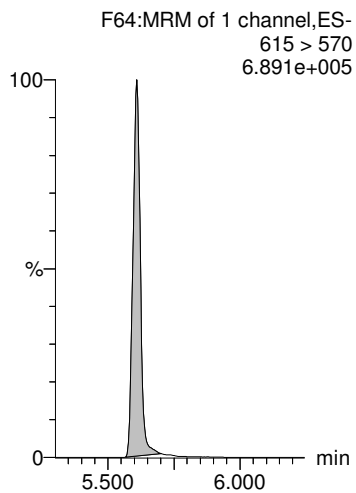
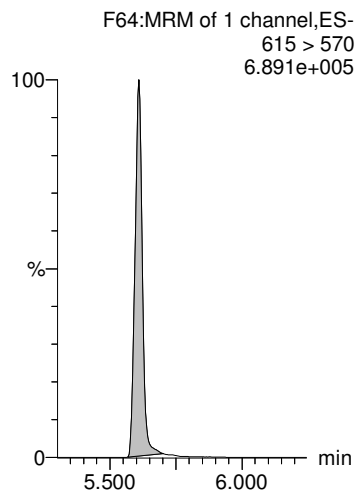
13C₈-PFOS-EIS



13C₂-PFD_oA-EIS

13C₂-PFD_oA-EIS

13C₂-PFT_eDA-EIS



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Name: 200714M1_69, Date: 15-Jul-2020, Time: 02:56:00, ID: B0G0034-MS1 Matrix Spike 0.24175, Description: Matrix Spike

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	3.465e3	1.409e3	0.242		2.52	2.52	30.7	65.441		2.439	NO
2	7 PFHxA	313.0 > 269.0	2.011e4	1.131e4	0.242		3.05	3.05	22.2	88.945		16.470	NO
3	9 HFPO-DA	285.1 > 168.9	6.714e2	8.471e2	0.242		3.28	3.28	9.91	40.327		1.921	NO
4	11 PFHpA	363.0 > 318.9	9.735e3	6.561e3	0.242		3.67	3.67	18.5	60.539		11.843	NO
5	12 ADONA	376.8 > 250.9	2.543e4	6.561e3	0.242		3.76	3.78	48.4	43.397		3.710	NO
6	51 13C3-PFBS-EIS	302.0 > 99	1.409e3		0.242	127.271	2.52	2.52	1410	45.796	88.6		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.131e4		0.242	1154.290	3.05	3.05	11300	40.521	78.4		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	8.471e2		0.242	101.036	3.28	3.28	847	34.680	67.1		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	6.561e3		0.242	686.728	3.67	3.67	6560	39.518	76.4		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	6.561e3		0.242	686.728	3.67	3.67	6560	39.518	76.4		
11	-1												
12	13 L-PFHxS	399 > 80.0	1.354e4	3.179e3	0.242		3.81	3.81	53.2	198.002		1.740	NO
13	1... Total PFHxS	399 > 80	1.354e4	3.179e3	0.242		3.83		53.2	198.002			
14	16 L-PFOA	412.8 > 368.9	7.967e4	1.367e4	0.242		4.18	4.18	72.9	212.089		3.603	NO
15	1... Total PFOA	412.8 > 368.9	7.967e4	1.367e4	0.242		4.20		72.9	212.089			
16	21 PFNA	463.0 > 418.8	1.356e4	1.281e4	0.242		4.62	4.62	13.2	46.684		4.364	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	3.179e3		0.242	319.274	3.82	3.81	3180	41.185	79.7		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	3.179e3		0.242	319.274	3.82	3.81	3180	41.185	79.7		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.367e4		0.242	1394.720	4.19	4.18	13700	40.539	78.4		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.367e4		0.242	1394.720	4.19	4.18	13700	40.539	78.4		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.281e4		0.242	1417.984	4.63	4.62	12800	37.362	72.3		
22	-1												
23	23 L-PFOS	499 > 80	7.804e3	3.487e3	0.242		4.70	4.70	28.0	115.087		2.095	NO
24	1... Total PFOS	499 > 80	7.804e3	3.487e3	0.242		4.73		28.0	115.087			
25	25 9Cl-PF30NS	531 > 351.0	1.017e4	3.487e3	0.242		4.91	4.92	36.4	42.652		21.427	NO
26	26 PFDA	513 > 468.8	1.562e4	1.202e4	0.242		5.00	5.00	16.2	47.203		5.505	NO
27	33 PFUdA	563.0 > 518.9	1.469e4	1.704e4	0.242		5.32	5.32	10.8	48.343		10.753	NO
28	73 13C8-PFOS-EIS	507.0 > 80	3.487e3		0.242	361.054	4.71	4.70	3490	39.947	77.3		
29	73 13C8-PFOS-EIS	507.0 > 80	3.487e3		0.242	361.054	4.71	4.70	3490	39.947	77.3		
30	73 13C8-PFOS-EIS	507.0 > 80	3.487e3		0.242	361.054	4.71	4.70	3490	39.947	77.3		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.202e4		0.242	1350.069	5.00	5.00	12000	36.825	71.2		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.704e4		0.242	1994.364	5.33	5.32	17000	35.348	68.4		
33	-1												
34	29 L-MeFOSAA	570 > 419	7.605e3	9.411e3	0.242		5.14	5.15	10.1	44.221		2.691	NO
35	1... Total N-MeFOSAA	570. > 419	7.605e3	9.411e3	0.242		5.17		10.1	44.221			
36	31 L-EtFOSAA	583.9 > 419	7.029e3	7.372e3	0.242		5.30	5.31	11.9	54.361		1.387	NO

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Name: 200714M1_69, Date: 15-Jul-2020, Time: 02:56:00, ID: B0G0034-MS1 Matrix Spike 0.24175, Description: Matrix Spike

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	7.029e3	7.372e3	0.242		5.33		11.9	54.361			
38	35 11Cl-PF30UdS	630.9 > 450.9	8.212e3	1.957e4	0.242		5.54	5.54	5.25	40.306		20.696	NO
39	79 d3-N-MeFOSAA-EIS	573. > 419	9.411e3		0.242	1024.448	5.15	5.14	9410	37.999	73.5		
40	79 d3-N-MeFOSAA-EIS	573. > 419	9.411e3		0.242	1024.448	5.15	5.14	9410	37.999	73.5		
41	83 d5-N-EtFOSAA-EIS	589. > 419	7.372e3		0.242	964.220	5.31	5.30	7370	31.625	61.2		
42	83 d5-N-EtFOSAA-EIS	589. > 419	7.372e3		0.242	964.220	5.31	5.30	7370	31.625	61.2		
43	85 13C2-PFDoA-EIS	615 > 570	1.957e4		0.242	2212.380	5.62	5.61	19600	36.583	70.8		
44	-1												
45	37 PFDoA	612.9 > 569.0	1.594e4	1.957e4	0.242		5.61	5.61	10.2	42.329		8.541	NO
46	39 PFTrDA	662.9 > 618.9	1.470e4	1.957e4	0.242		5.86	5.86	9.39	42.336		9.377	NO
47	41 PFTeDA	713.0 > 669.0	1.655e4	1.288e4	0.242		6.07	6.07	16.1	42.389		13.258	NO
48	1... TDCA	498.3>106.9			0.242		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.487e3		0.242	361.054	4.71	4.70	3490	39.947	77.3		
50	85 13C2-PFDoA-EIS	615 > 570	1.957e4		0.242	2212.380	5.62	5.61	19600	36.583	70.8		
51	85 13C2-PFDoA-EIS	615 > 570	1.957e4		0.242	2212.380	5.62	5.61	19600	36.583	70.8		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.288e4		0.242	1536.348	6.08	6.07	12900	34.673	67.1		

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-69.qld

Last Altered: Monday, July 20, 2020 15:53:56 Pacific Daylight Time

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 20 Jul 2020 15:41:41

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_69, Date: 15-Jul-2020, Time: 02:56:00, ID: B0G0034-MS1 Matrix Spike 0.24175, Description: Matrix Spike

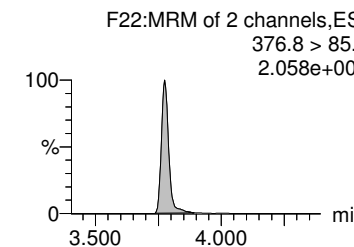
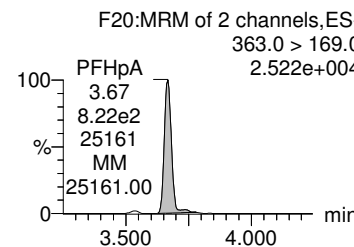
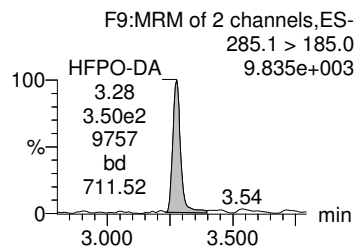
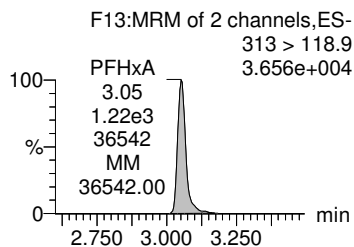
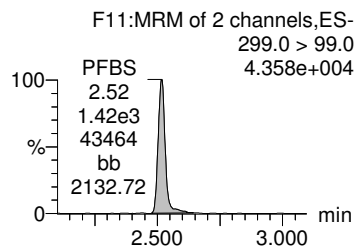
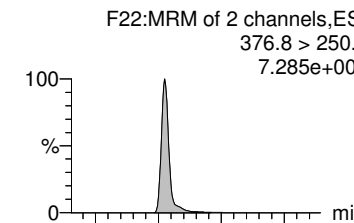
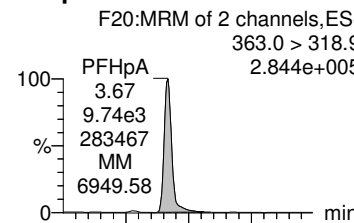
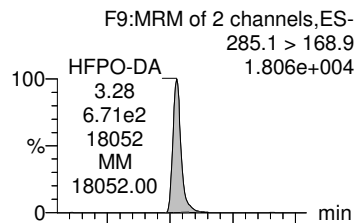
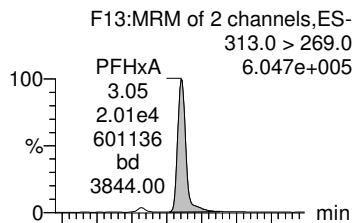
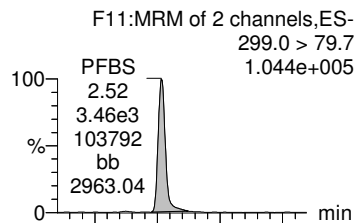
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



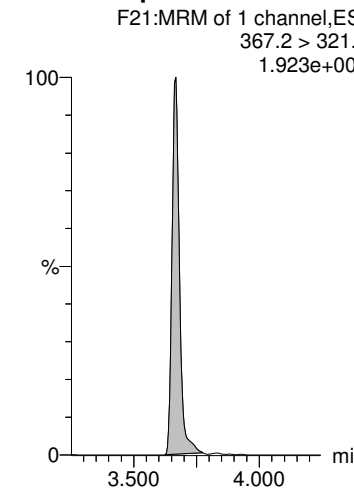
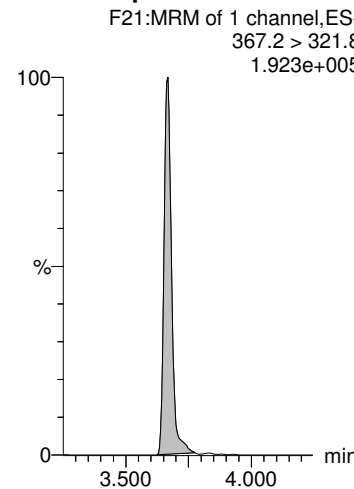
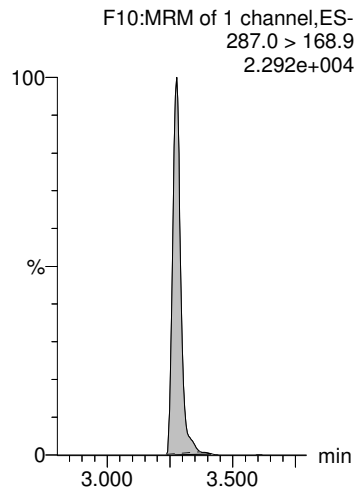
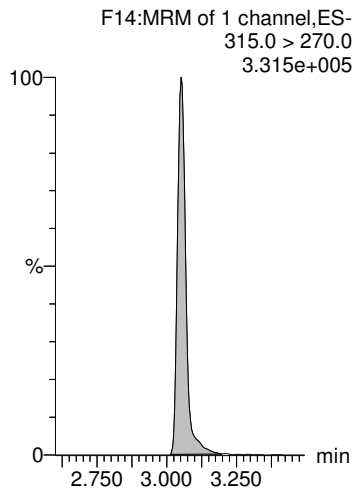
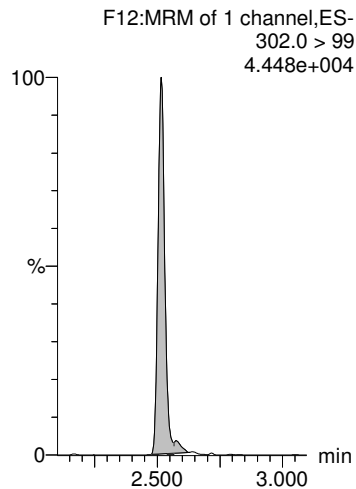
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-69.qld

Last Altered: Monday, July 20, 2020 15:53:56 Pacific Daylight Time

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Name: 200714M1_69, Date: 15-Jul-2020, Time: 02:56:00, ID: B0G0034-MS1 Matrix Spike 0.24175, Description: Matrix Spike

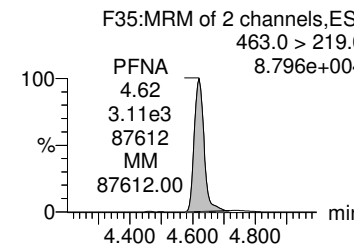
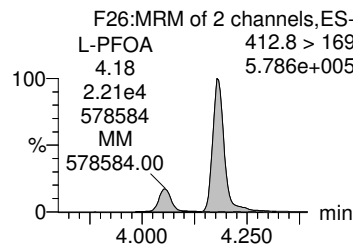
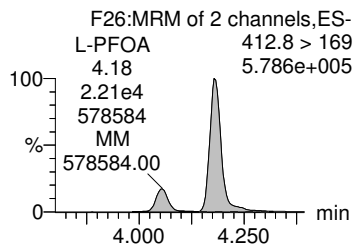
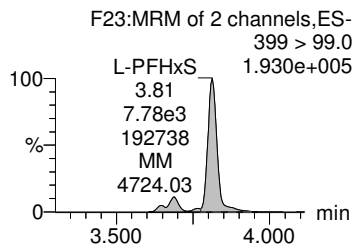
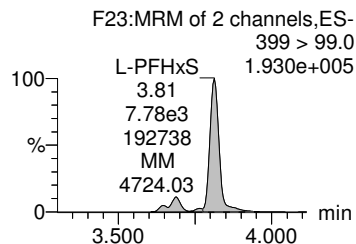
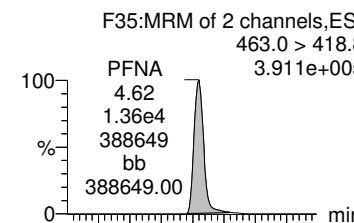
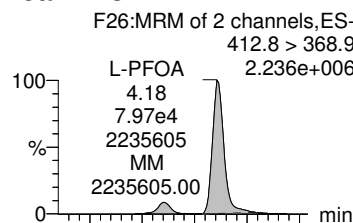
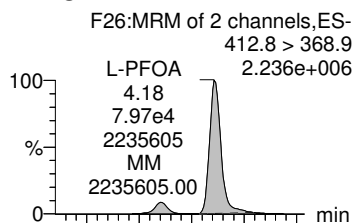
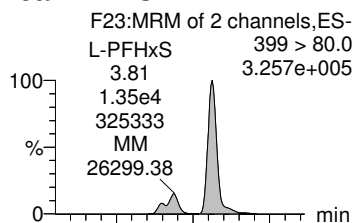
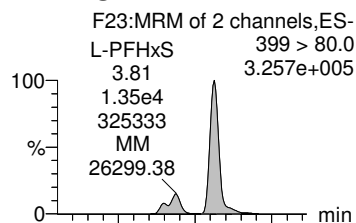
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



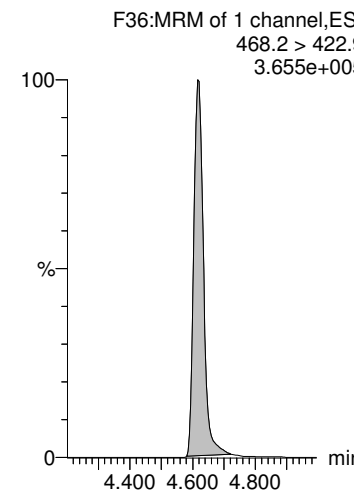
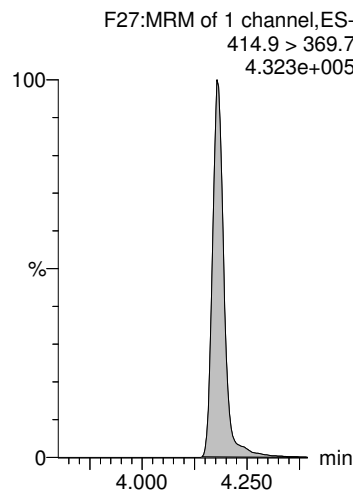
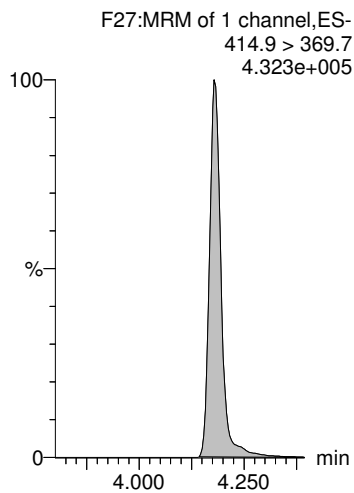
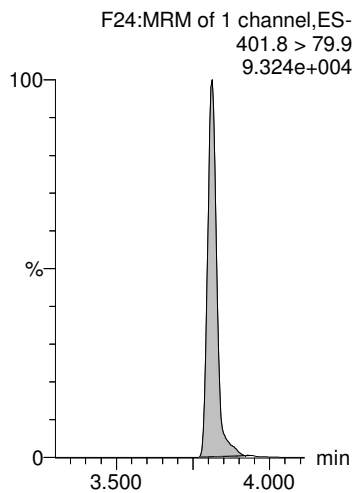
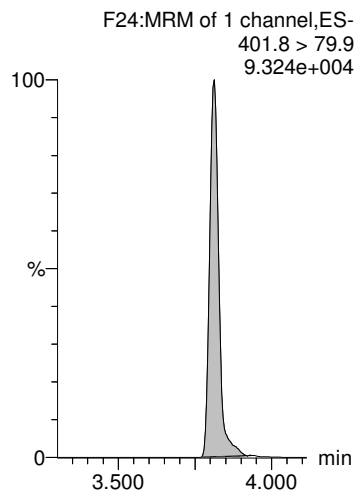
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-69.qld

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Name: 200714M1_69, Date: 15-Jul-2020, Time: 02:56:00, ID: B0G0034-MS1 Matrix Spike 0.24175, Description: Matrix Spike

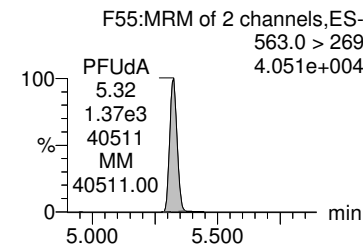
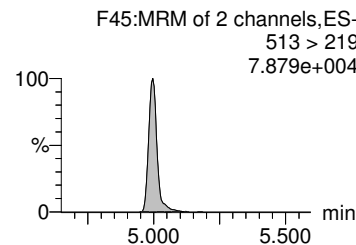
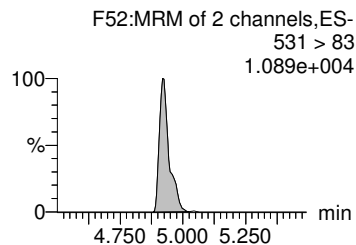
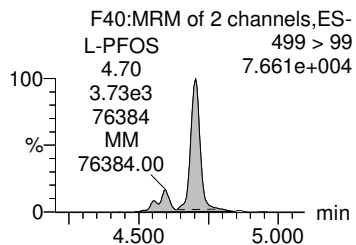
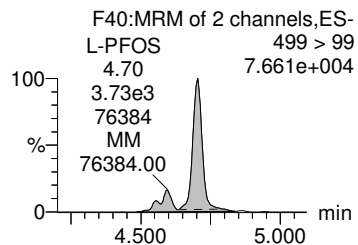
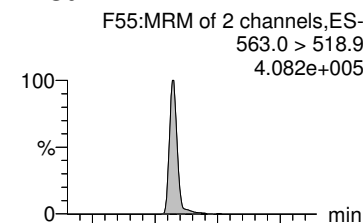
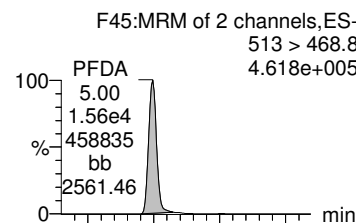
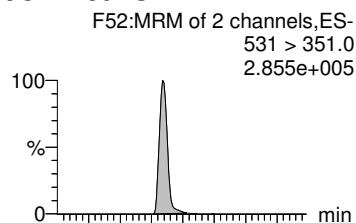
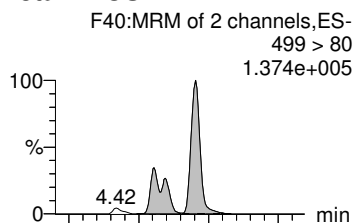
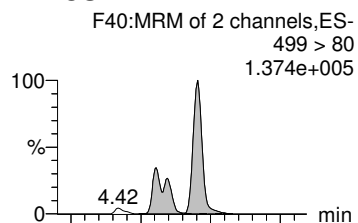
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



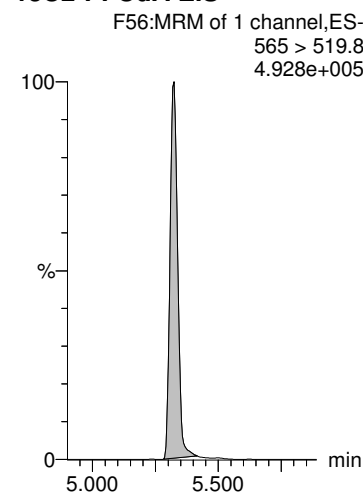
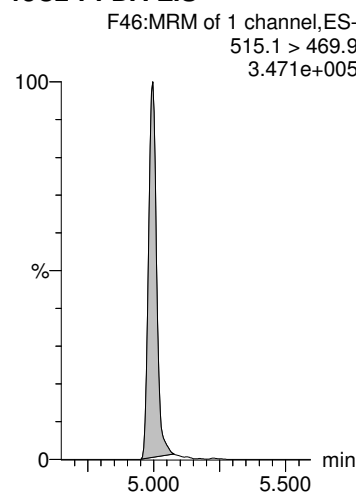
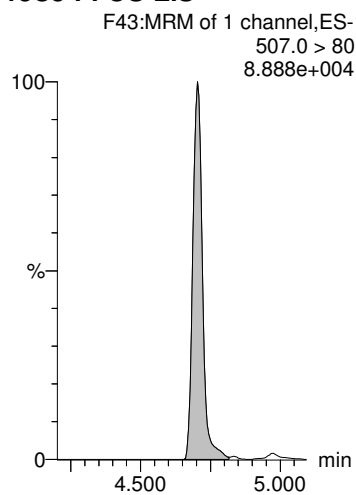
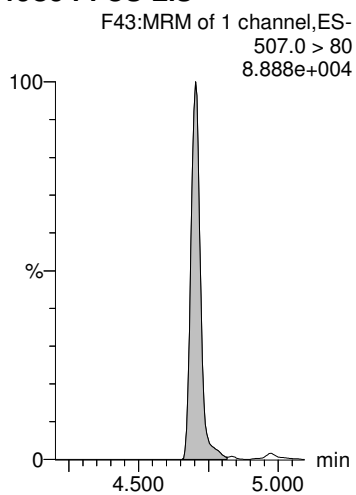
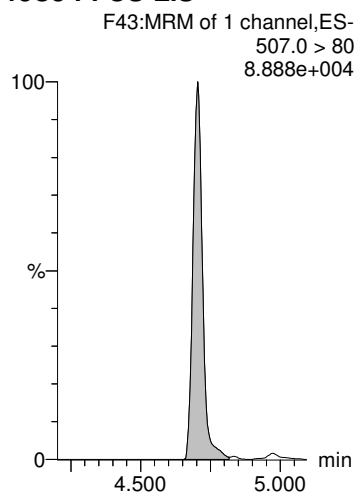
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-69.qld

Last Altered: Monday, July 20, 2020 15:53:56 Pacific Daylight Time

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Name: 200714M1_69, Date: 15-Jul-2020, Time: 02:56:00, ID: B0G0034-MS1 Matrix Spike 0.24175, Description: Matrix Spike

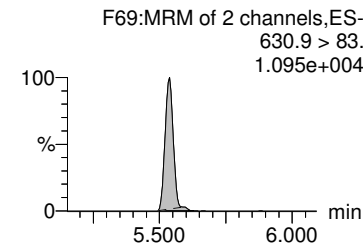
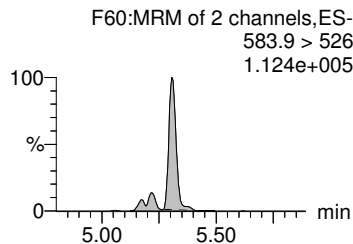
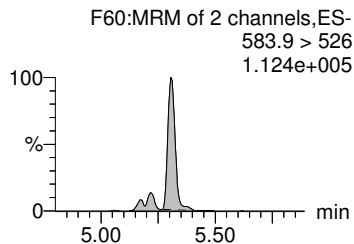
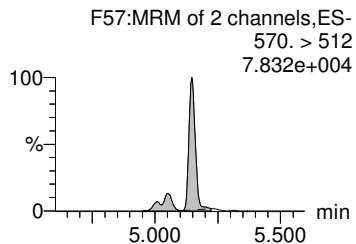
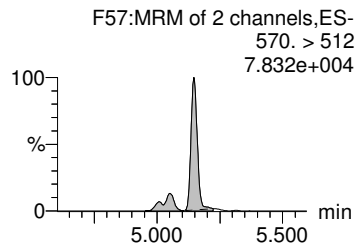
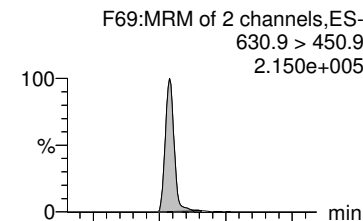
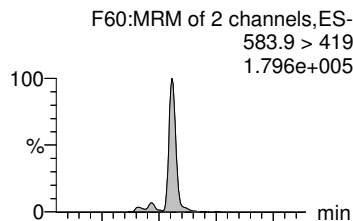
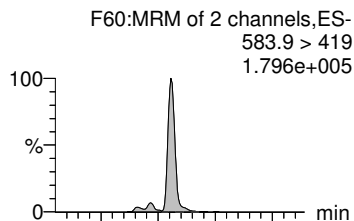
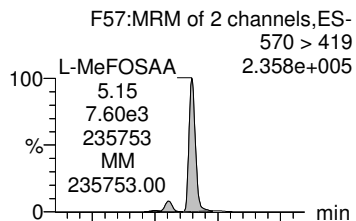
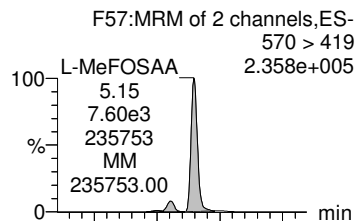
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30uS



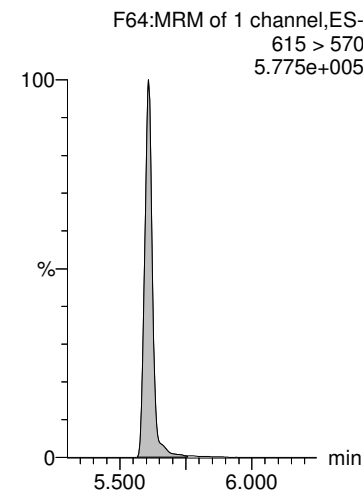
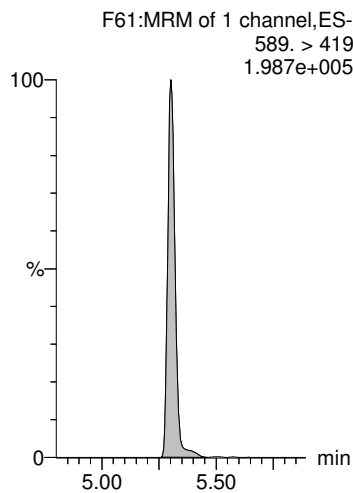
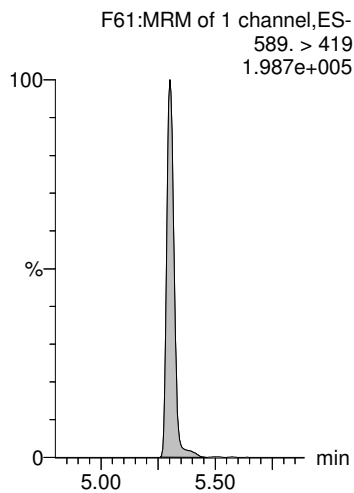
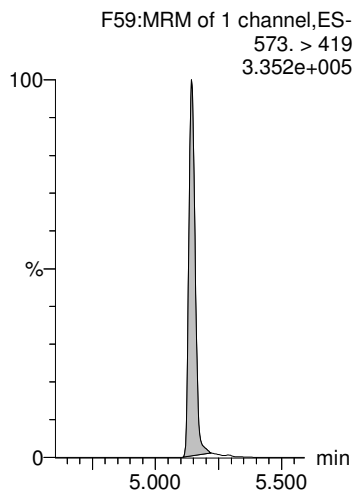
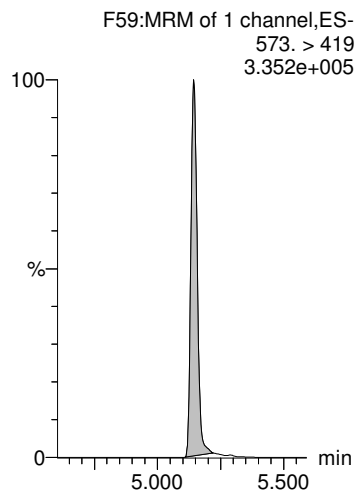
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-69.qld

Last Altered: Monday, July 20, 2020 15:53:56 Pacific Daylight Time

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Name: 200714M1_69, Date: 15-Jul-2020, Time: 02:56:00, ID: B0G0034-MS1 Matrix Spike 0.24175, Description: Matrix Spike

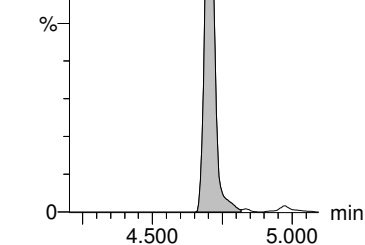
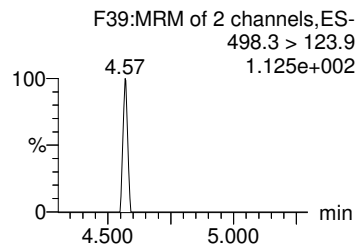
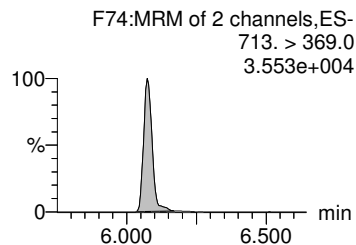
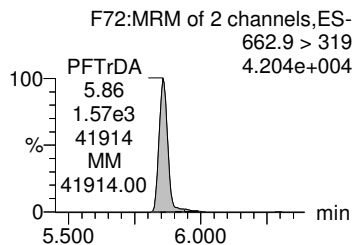
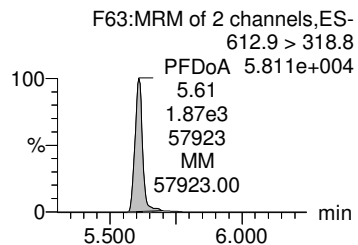
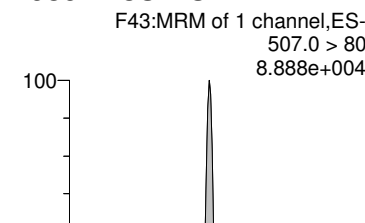
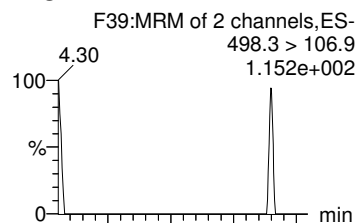
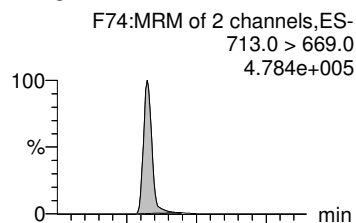
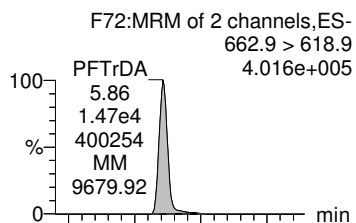
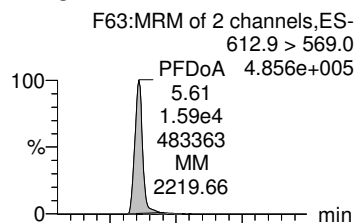
PFDoA

PFTTrDA

PFTeDA

TDCA

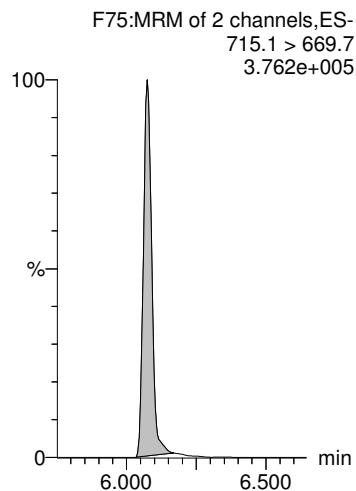
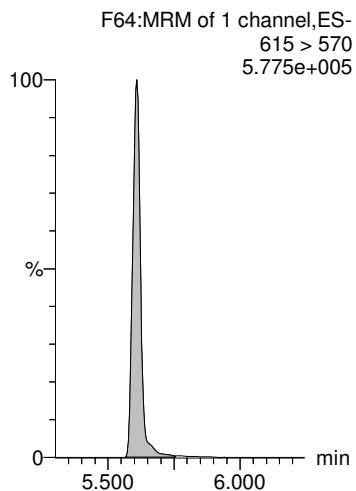
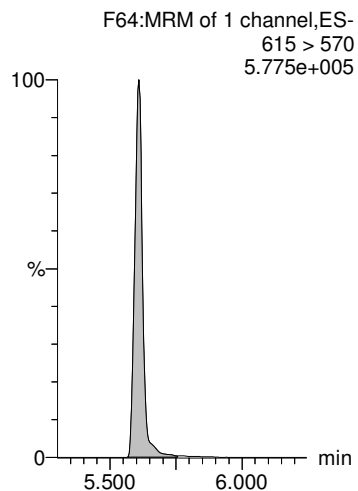
13C8-PFOS-EIS



13C2-PFDoA-EIS

13C2-PFDoA-EIS

13C2-PFTeDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-70.qld

Last Altered: Monday, July 20, 2020 16:06:37 Pacific Daylight Time
 Printed: Monday, July 20, 2020 16:07:36 Pacific Daylight Time

Name: 200714M1_70, Date: 15-Jul-2020, Time: 03:06:22, ID: B0G0034-MSD1 Matrix Spike Dup 0.2446, Description: Matrix Spike Dup

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	3.166e3	1.286e3	0.245		2.51	2.51	30.8	64.737		2.564	NO
2	7 PFHxA	313.0 > 269.0	1.704e4	9.360e3	0.245		3.05	3.05	22.8	90.022		17.790	NO
3	9 HFPO-DA	285.1 > 168.9	5.939e2	7.845e2	0.245		3.27	3.27	9.46	38.091		2.067	NO
4	11 PFHpA	363.0 > 318.9	8.055e3	6.037e3	0.245		3.67	3.67	16.7	53.774		12.198	NO
5	12 ADONA	376.8 > 250.9	2.090e4	6.037e3	0.245		3.76	3.78	43.3	38.303		3.452	NO
6	51 13C3-PFBS-EIS	302.0 > 99	1.286e3		0.245	127.271	2.52	2.51	1290	41.318	80.9		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	9.360e3		0.245	1154.290	3.05	3.05	9360	33.153	64.9		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	7.845e2		0.245	101.036	3.28	3.27	785	31.744	62.1		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	6.037e3		0.245	686.728	3.67	3.67	6040	35.941	70.3		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	6.037e3		0.245	686.728	3.67	3.67	6040	35.941	70.3		
11	-1												
12	13 L-PFHxS	399 > 80.0	1.125e4	2.737e3	0.245		3.81	3.81	51.4	188.962		1.637	NO
13	1... Total PFHxS	399 > 80	1.125e4	2.737e3	0.245		3.83		51.4	188.962			
14	16 L-PFOA	412.8 > 368.9	6.954e4	1.214e4	0.245		4.18	4.18	71.6	205.935		3.513	NO
15	1... Total PFOA	412.8 > 368.9	6.954e4	1.214e4	0.245		4.20		71.6	205.935			
16	21 PFNA	463.0 > 418.8	1.292e4	1.132e4	0.245		4.62	4.62	14.3	49.748		4.376	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	2.737e3		0.245	319.274	3.82	3.81	2740	35.042	68.6		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	2.737e3		0.245	319.274	3.82	3.81	2740	35.042	68.6		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.214e4		0.245	1394.720	4.19	4.18	12100	35.592	69.6		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.214e4		0.245	1394.720	4.19	4.18	12100	35.592	69.6		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.132e4		0.245	1417.984	4.63	4.62	11300	32.641	63.9		
22	-1												
23	23 L-PFOS	499 > 80	6.545e3	3.113e3	0.245		4.70	4.70	26.3	106.856		2.040	NO
24	1... Total PFOS	499 > 80	6.545e3	3.113e3	0.245		4.73		26.3	106.856			
25	25 9Cl-PF30NS	531 > 351.0	7.597e3	3.113e3	0.245		4.91	4.93	30.5	35.262		21.978	NO
26	26 PFDA	513 > 468.8	1.525e4	1.132e4	0.245		5.00	5.00	16.8	48.382		6.115	NO
27	33 PFUdA	563.0 > 518.9	1.261e4	1.577e4	0.245		5.32	5.32	9.99	44.302		9.371	NO
28	73 13C8-PFOS-EIS	507.0 > 80	3.113e3		0.245	361.054	4.71	4.70	3110	35.244	69.0		
29	73 13C8-PFOS-EIS	507.0 > 80	3.113e3		0.245	361.054	4.71	4.70	3110	35.244	69.0		
30	73 13C8-PFOS-EIS	507.0 > 80	3.113e3		0.245	361.054	4.71	4.70	3110	35.244	69.0		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.132e4		0.245	1350.069	5.00	5.00	11300	34.274	67.1		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.577e4		0.245	1994.364	5.33	5.32	15800	32.318	63.2		
33	-1												
34	29 L-MeFOSAA	570 > 419	6.904e3	8.799e3	0.245		5.14	5.15	9.81	42.441		2.830	NO
35	1... Total N-MeFOSAA	570. > 419	6.904e3	8.799e3	0.245		5.17		9.81	42.441			
36	31 L-EtFOSAA	583.9 > 419	5.856e3	8.044e3	0.245		5.30	5.31	9.10	41.062		1.203	NO

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Name: 200714M1_70, Date: 15-Jul-2020, Time: 03:06:22, ID: B0G0034-MSD1 Matrix Spike Dup 0.2446, Description: Matrix Spike Dup

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	5.856e3	8.044e3	0.245		5.33		9.10	41.062			
38	35 11Cl-PF30UdS	630.9 > 450.9	8.922e3	1.742e4	0.245		5.54	5.54	6.40	48.607		27.714	NO
39	79 d3-N-MeFOSAA-EIS	573. > 419	8.799e3		0.245	1024.448	5.15	5.14	8800	35.115	68.7		
40	79 d3-N-MeFOSAA-EIS	573. > 419	8.799e3		0.245	1024.448	5.15	5.14	8800	35.115	68.7		
41	83 d5-N-EtFOSAA-EIS	589. > 419	8.044e3		0.245	964.220	5.31	5.30	8040	34.108	66.7		
42	83 d5-N-EtFOSAA-EIS	589. > 419	8.044e3		0.245	964.220	5.31	5.30	8040	34.108	66.7		
43	85 13C2-PFDoA-EIS	615 > 570	1.742e4		0.245	2212.380	5.62	5.61	17400	32.189	63.0		
44	-1												
45	37 PFDoA	612.9 > 569.0	1.464e4	1.742e4	0.245		5.61	5.61	10.5	43.180		8.280	NO
46	39 PFTrDA	662.9 > 618.9	1.493e4	1.742e4	0.245		5.86	5.86	10.7	47.743		9.868	NO
47	41 PFTeDA	713.0 > 669.0	1.460e4	1.222e4	0.245		6.07	6.07	14.9	38.925		13.532	NO
48	1... TDCA	498.3>106.9			0.245		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.113e3		0.245	361.054	4.71	4.70	3110	35.244	69.0		
50	85 13C2-PFDoA-EIS	615 > 570	1.742e4		0.245	2212.380	5.62	5.61	17400	32.189	63.0		
51	85 13C2-PFDoA-EIS	615 > 570	1.742e4		0.245	2212.380	5.62	5.61	17400	32.189	63.0		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.222e4		0.245	1536.348	6.08	6.07	12200	32.529	63.7		

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-70.qld

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 20 Jul 2020 15:56:13

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_70, Date: 15-Jul-2020, Time: 03:06:22, ID: B0G0034-MSD1 Matrix Spike Dup 0.2446, Description: Matrix Spike Dup

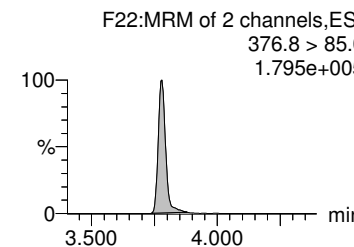
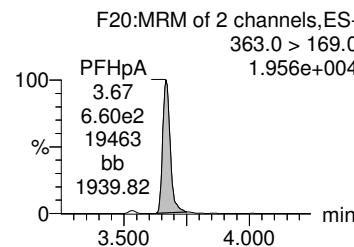
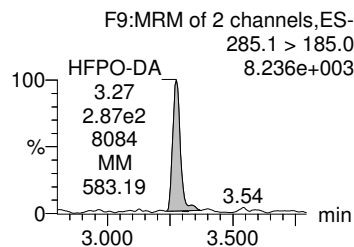
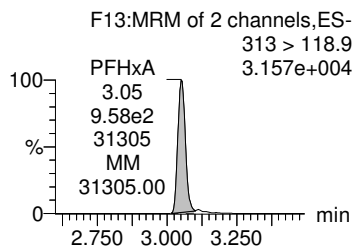
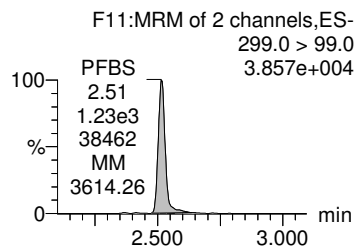
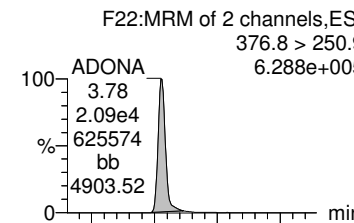
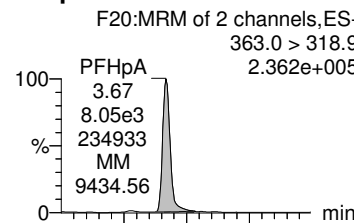
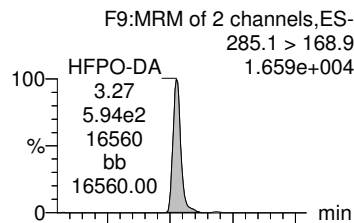
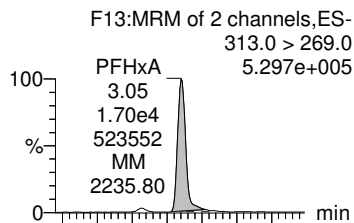
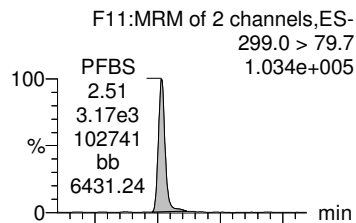
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



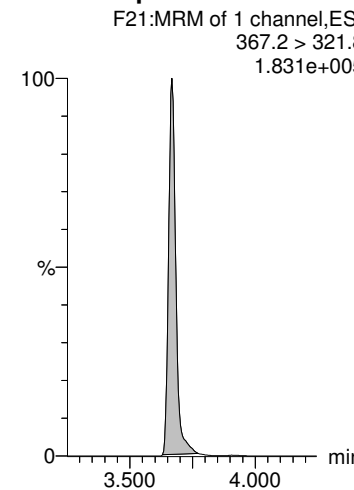
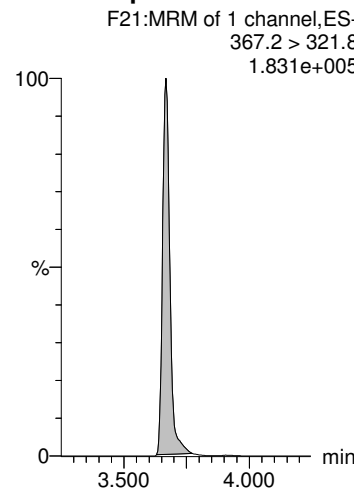
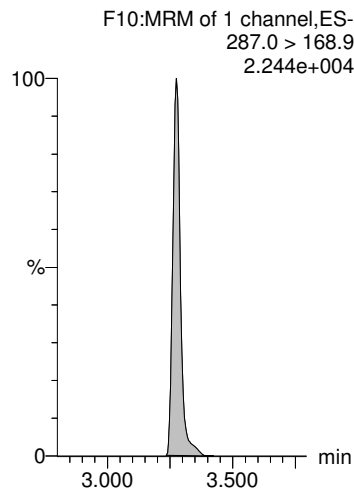
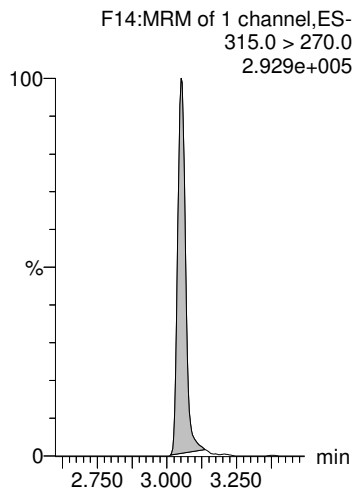
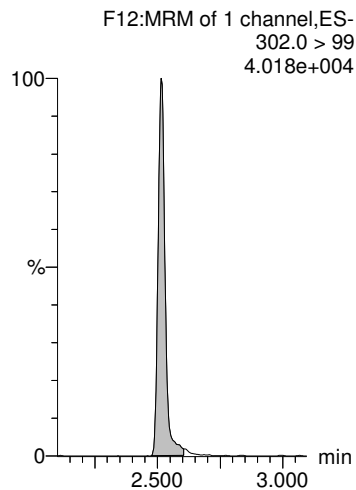
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



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Name: 200714M1_70, Date: 15-Jul-2020, Time: 03:06:22, ID: B0G0034-MSD1 Matrix Spike Dup 0.2446, Description: Matrix Spike Dup

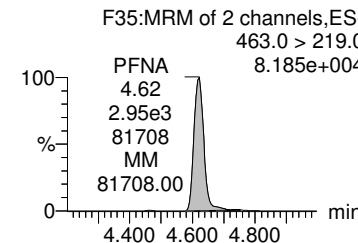
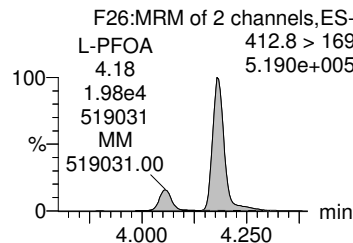
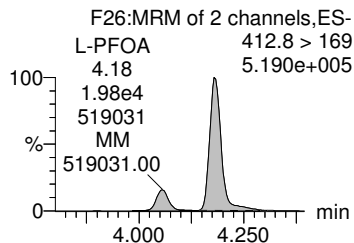
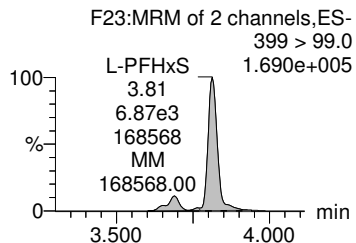
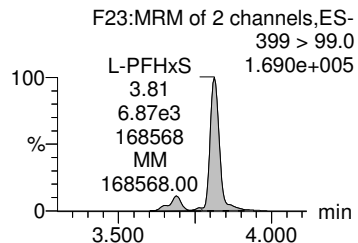
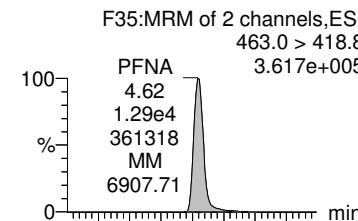
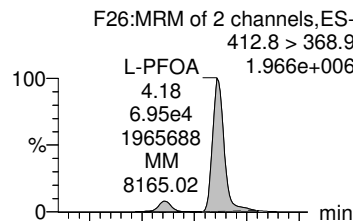
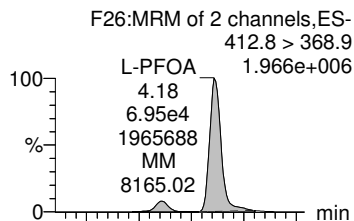
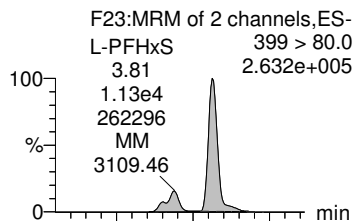
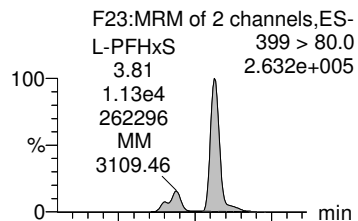
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



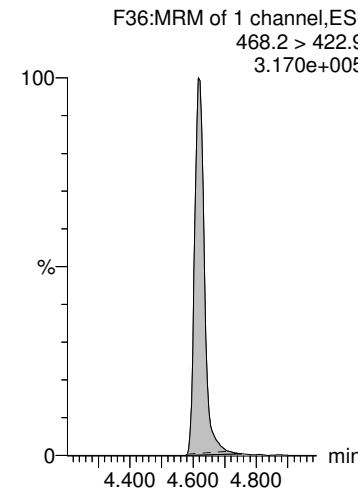
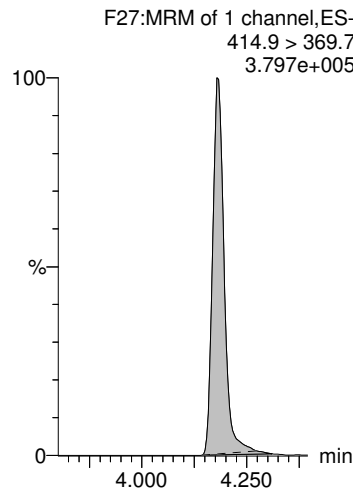
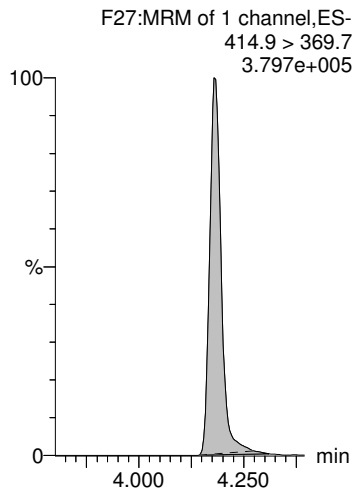
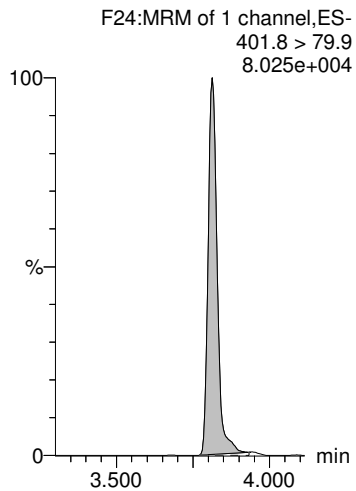
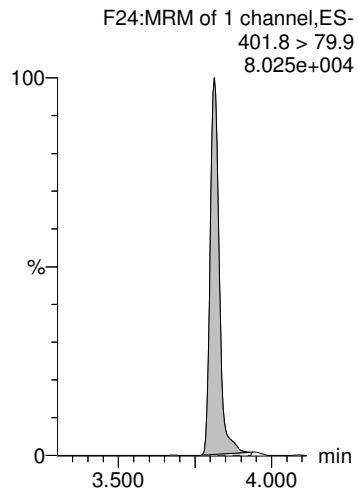
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



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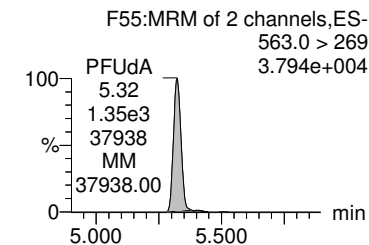
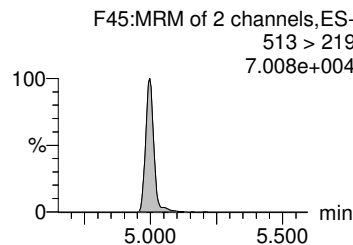
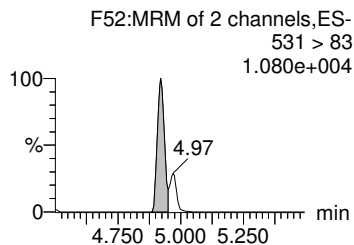
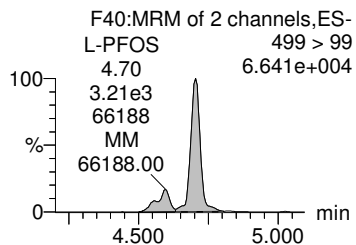
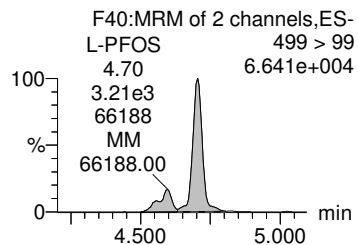
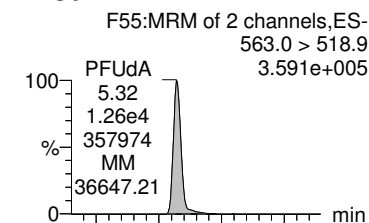
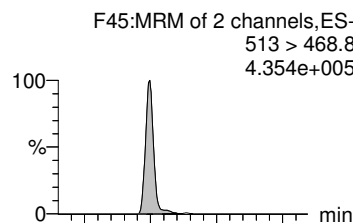
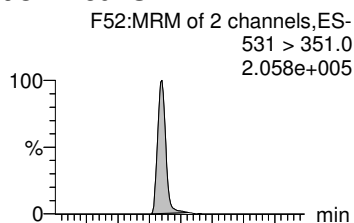
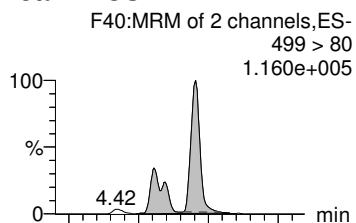
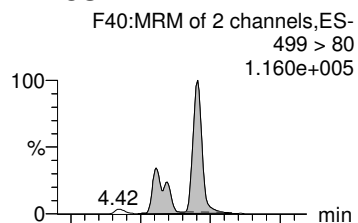
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



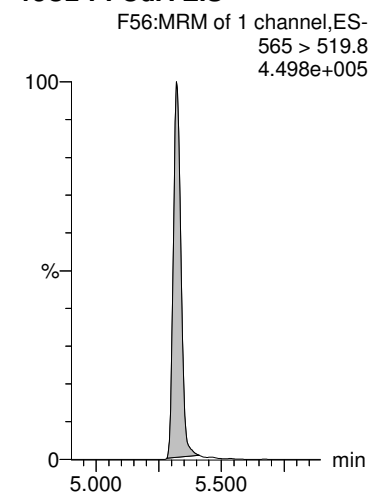
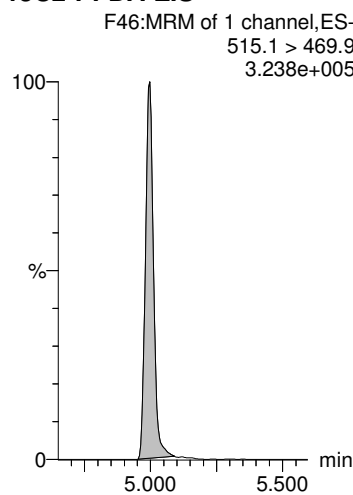
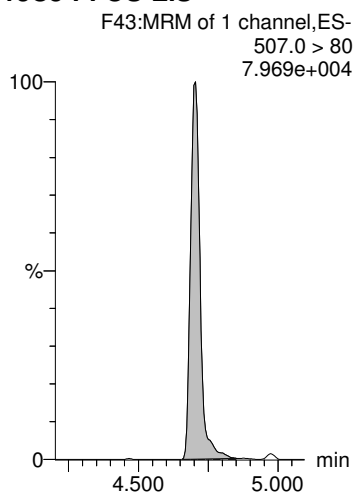
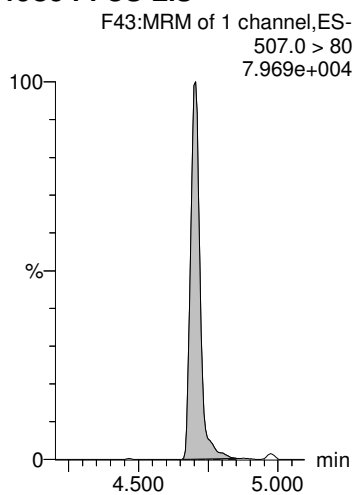
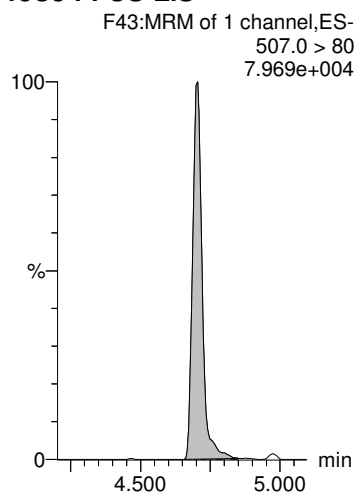
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



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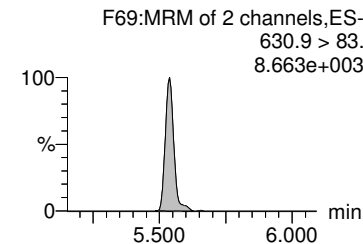
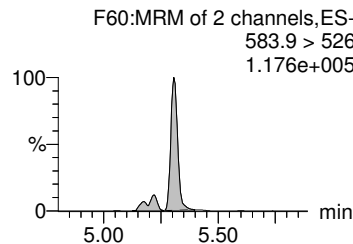
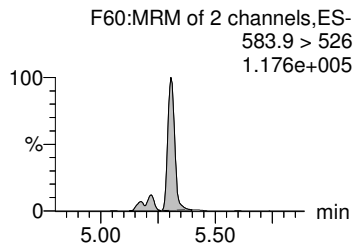
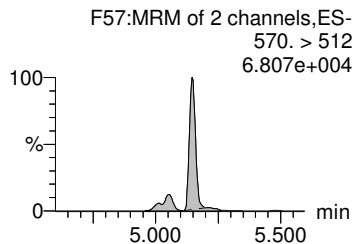
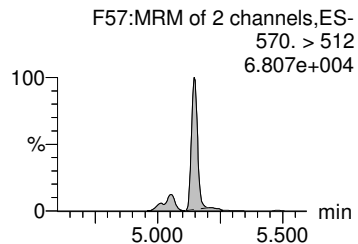
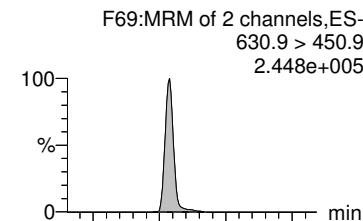
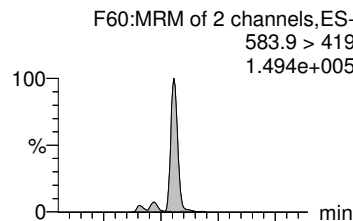
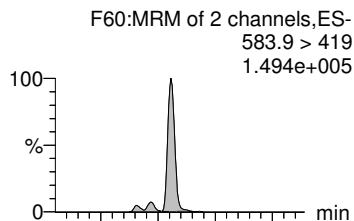
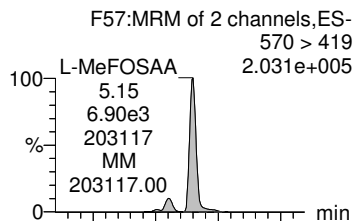
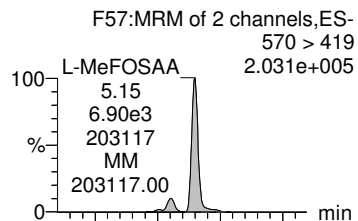
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30uS



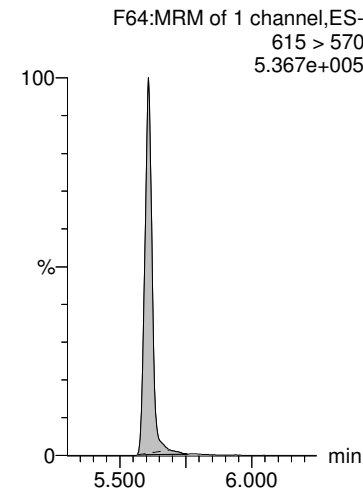
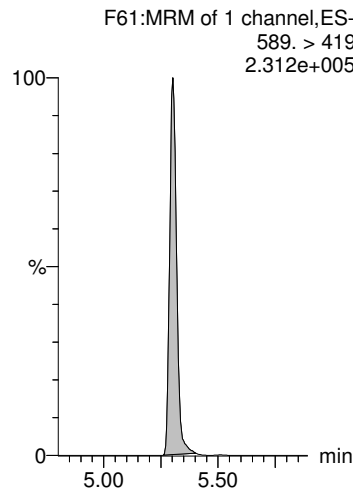
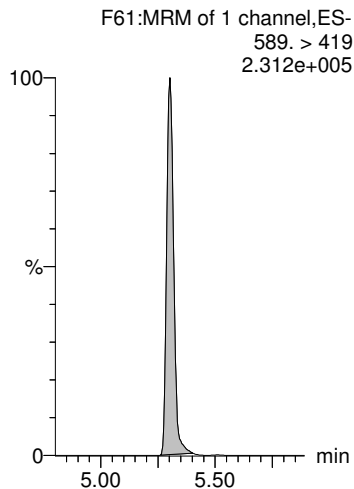
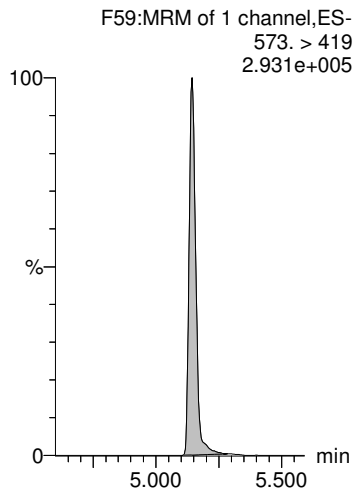
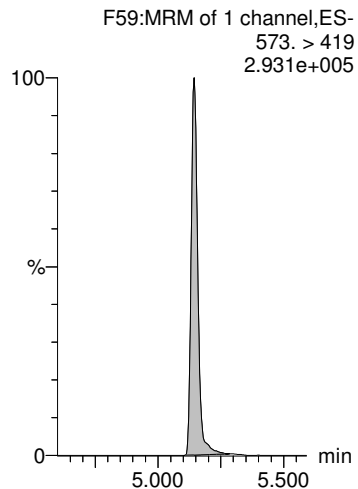
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



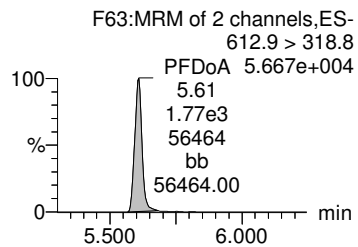
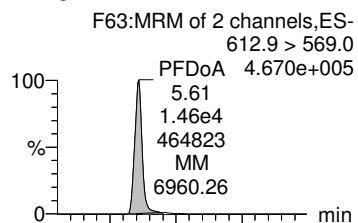
Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-70.qld

Last Altered: Monday, July 20, 2020 16:06:37 Pacific Daylight Time

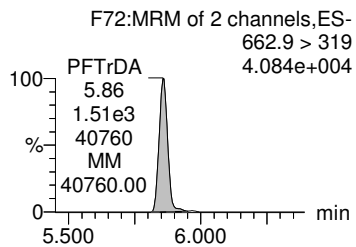
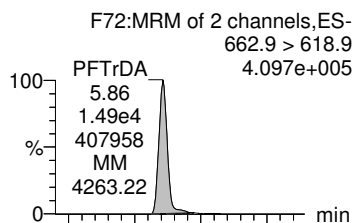
Printed: Monday, July 20, 2020 16:07:36 Pacific Daylight Time

Name: 200714M1_70, Date: 15-Jul-2020, Time: 03:06:22, ID: B0G0034-MSD1 Matrix Spike Dup 0.2446, Description: Matrix Spike Dup

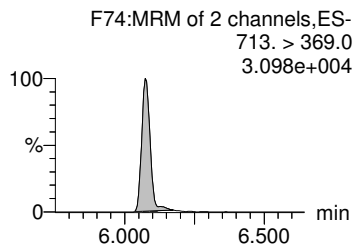
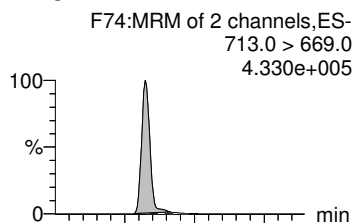
PFDoA



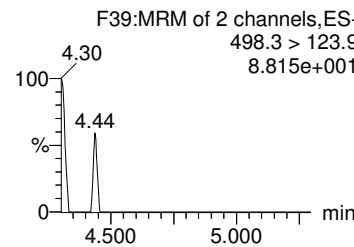
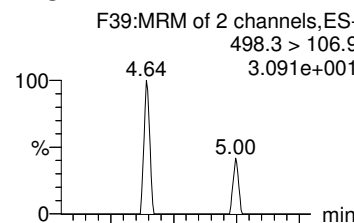
PFTTrDA



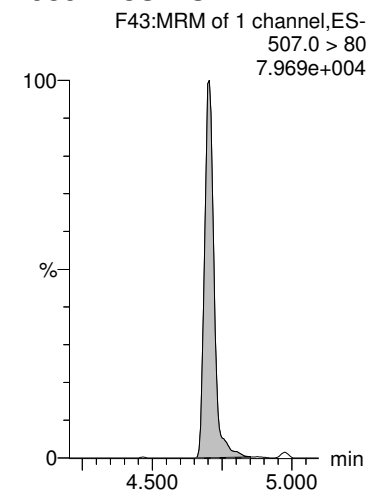
PFTeDA



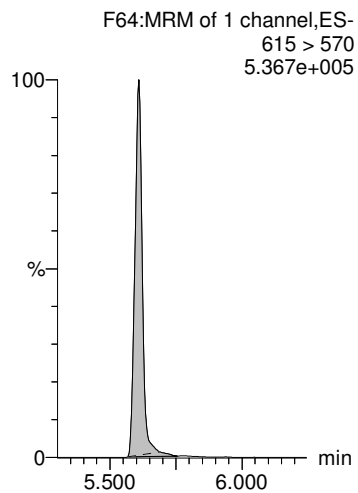
TDCA



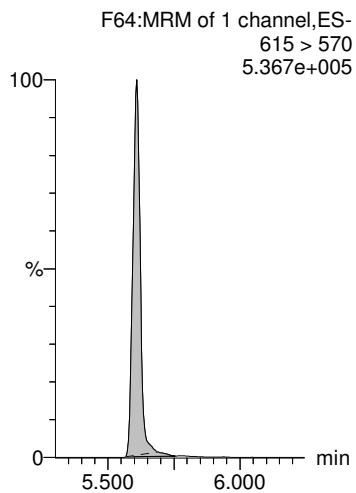
13C8-PFOS-EIS



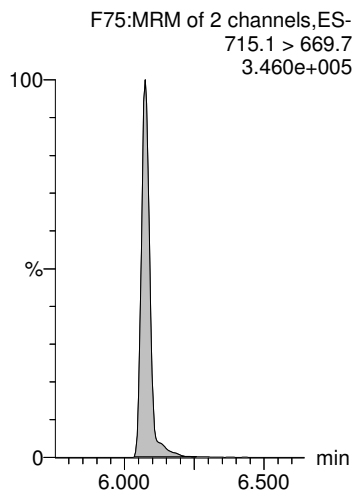
13C2-PFDoA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-75.qld

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Name: 200714M1_75, Date: 15-Jul-2020, Time: 03:58:13, ID: 2001409-03 IS72MW15D-20200701 0.25566, Description: IS72MW15D-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	1.078e3	1.417e3	0.256		2.52	2.52	9.52	19.141		2.355	NO
2	7 PFHxA	313.0 > 269.0	9.669e3	1.002e4	0.256		3.05	3.05	12.1	45.442		14.609	NO
3	9 HFPO-DA	285.1 > 168.9		7.573e2	0.256		3.28						YES
4	11 PFHpA	363.0 > 318.9	2.257e3	6.022e3	0.256		3.67	3.67	4.69	14.338		11.389	NO
5	12 ADONA	376.8 > 250.9		6.022e3	0.256		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.417e3		0.256	127.271	2.52	2.52	1420	43.534	89.0		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.002e4		0.256	1154.290	3.05	3.05	10000	33.955	69.4		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	7.573e2		0.256	101.036	3.28	3.28	757	29.317	60.0		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	6.022e3		0.256	686.728	3.67	3.67	6020	34.299	70.2		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	6.022e3		0.256	686.728	3.67	3.67	6020	34.299	70.2		
11	-1												
12	13 L-PFHxS	399 > 80.0	1.076e4	3.181e3	0.256		3.82	3.82	42.3	148.565		1.719	NO
13	1... Total PFHxS	399 > 80	1.076e4	3.181e3	0.256		3.83		42.3	148.565			
14	16 L-PFOA	412.8 > 368.9	5.992e4	1.235e4	0.256		4.18	4.18	60.6	166.680		3.367	NO
15	1... Total PFOA	412.8 > 368.9	5.992e4	1.235e4	0.256		4.20		60.6	166.680			
16	21 PFNA	463.0 > 418.8	4.105e2	1.075e4	0.256		4.62	4.62	0.477	1.530		2.648	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	3.181e3		0.256	319.274	3.82	3.82	3180	38.969	79.7		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	3.181e3		0.256	319.274	3.82	3.82	3180	38.969	79.7		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.235e4		0.256	1394.720	4.19	4.18	12400	34.639	70.8		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.235e4		0.256	1394.720	4.19	4.18	12400	34.639	70.8		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.075e4		0.256	1417.984	4.63	4.62	10800	29.654	60.7		
22	-1												
23	23 L-PFOS	499 > 80	1.004e4	3.582e3	0.256		4.70	4.70	35.0	136.338		2.187	NO
24	1... Total PFOS	499 > 80	1.004e4	3.582e3	0.256		4.73		35.0	136.338			
25	25 9Cl-PF30NS	531 > 351.0		3.582e3	0.256		4.91						YES
26	26 PFDA	513 > 468.8	1.046e2	1.294e4	0.256		5.00	5.00	0.101	0.125		6.517	NO
27	33 PFUdA	563.0 > 518.9		1.702e4	0.256		5.32						YES
28	73 13C8-PFOS-EIS	507.0 > 80	3.582e3		0.256	361.054	4.71	4.70	3580	38.802	79.4		
29	73 13C8-PFOS-EIS	507.0 > 80	3.582e3		0.256	361.054	4.71	4.70	3580	38.802	79.4		
30	73 13C8-PFOS-EIS	507.0 > 80	3.582e3		0.256	361.054	4.71	4.70	3580	38.802	79.4		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.294e4		0.256	1350.069	5.00	5.00	12900	37.498	76.7		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.702e4		0.256	1994.364	5.33	5.32	17000	33.382	68.3		
33	-1												
34	29 L-MeFOSAA	570 > 419		9.218e3	0.256		5.15						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	9.218e3	0.256		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419		7.551e3	0.256		5.31						YES

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-75.qld

Last Altered: Monday, July 20, 2020 17:14:17 Pacific Daylight Time

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Name: 200714M1_75, Date: 15-Jul-2020, Time: 03:58:13, ID: 2001409-03 IS72MW15D-20200701 0.25566, Description: IS72MW15D-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	0.000e0	7.551e3	0.256		5.33		0.000				
38	35 11Cl-PF30UdS	630.9 > 450.9		2.123e4	0.256		5.54						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	9.218e3		0.256	1024.448	5.15	5.15	9220	35.193	72.0		
40	79 d3-N-MeFOSAA-EIS	573. > 419	9.218e3		0.256	1024.448	5.15	5.15	9220	35.193	72.0		
41	83 d5-N-EtFOSAA-EIS	589. > 419	7.551e3		0.256	964.220	5.31	5.31	7550	30.632	62.7		
42	83 d5-N-EtFOSAA-EIS	589. > 419	7.551e3		0.256	964.220	5.31	5.31	7550	30.632	62.7		
43	85 13C2-PFDoA-EIS	615 > 570	2.123e4		0.256	2212.380	5.62	5.61	21200	37.542	76.8		
44	-1												
45	37 PFDoA	612.9 > 569.0		2.123e4	0.256		5.61						YES
46	39 PFTrDA	662.9 > 618.9		2.123e4	0.256		5.86						YES
47	41 PFTeDA	713.0 > 669.0		1.214e4	0.256		6.08						YES
48	1... TDCA	498.3>106.9			0.256		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.582e3		0.256	361.054	4.71	4.70	3580	38.802	79.4		
50	85 13C2-PFDoA-EIS	615 > 570	2.123e4		0.256	2212.380	5.62	5.61	21200	37.542	76.8		
51	85 13C2-PFDoA-EIS	615 > 570	2.123e4		0.256	2212.380	5.62	5.61	21200	37.542	76.8		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.214e4		0.256	1536.348	6.08	6.08	12100	30.902	63.2		

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-75.qld

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 20 Jul 2020 17:04:18

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_75, Date: 15-Jul-2020, Time: 03:58:13, ID: 2001409-03 IS72MW15D-20200701 0.25566, Description: IS72MW15D-20200701

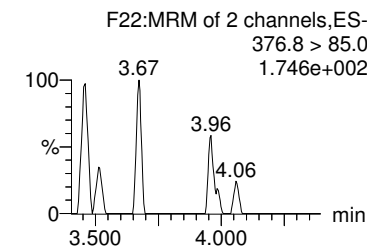
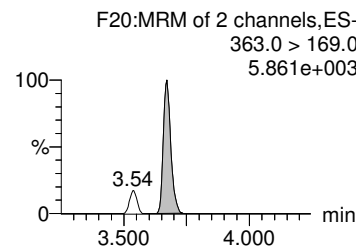
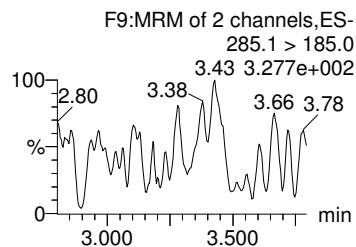
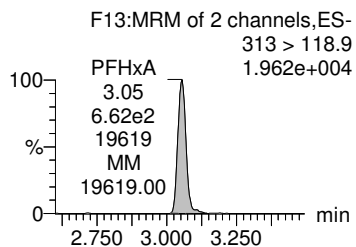
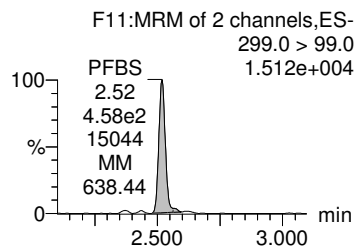
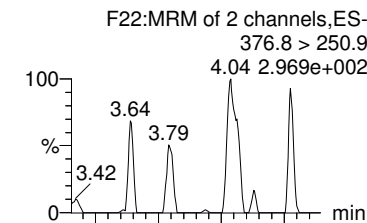
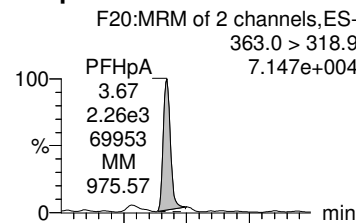
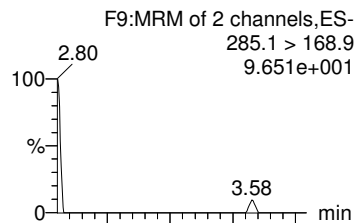
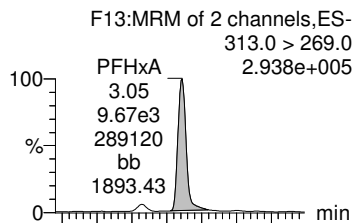
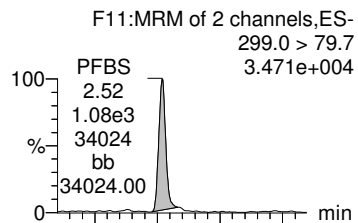
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



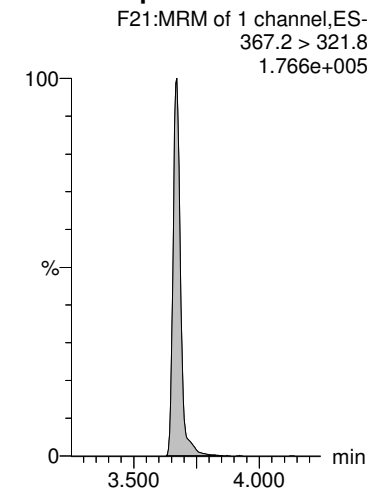
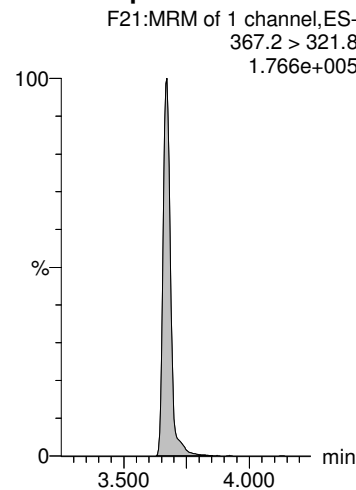
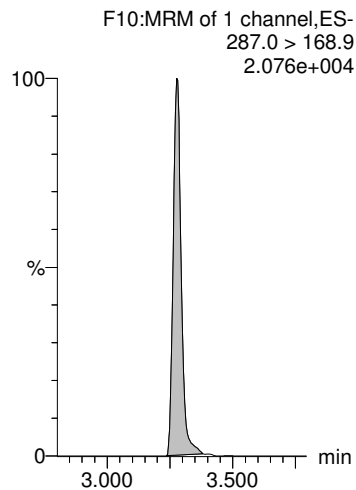
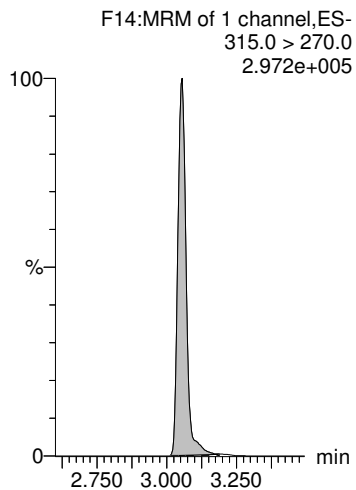
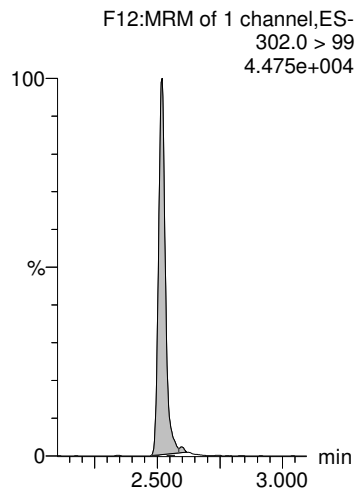
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-75.qld

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Name: 200714M1_75, Date: 15-Jul-2020, Time: 03:58:13, ID: 2001409-03 IS72MW15D-20200701 0.25566, Description: IS72MW15D-20200701

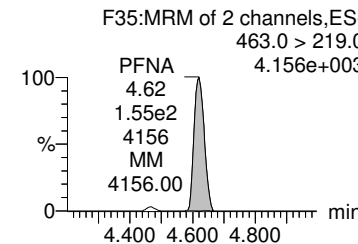
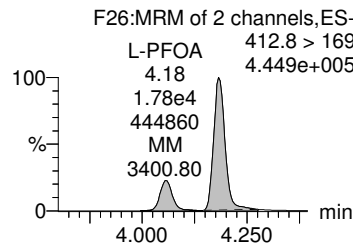
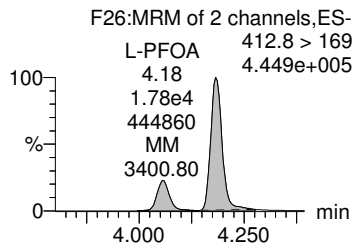
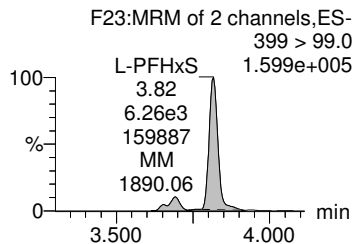
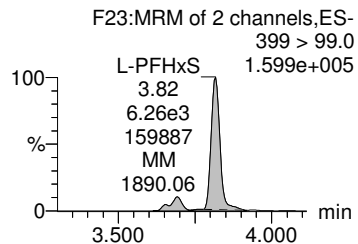
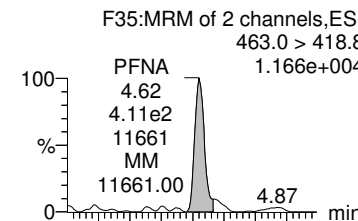
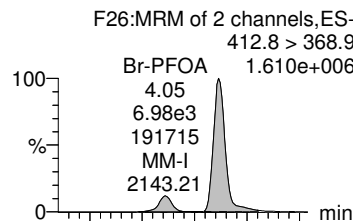
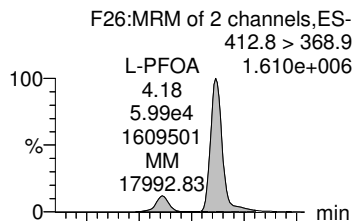
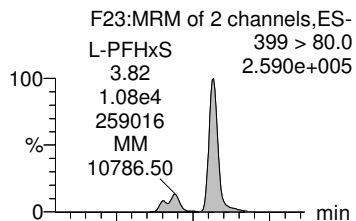
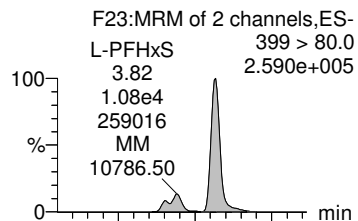
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



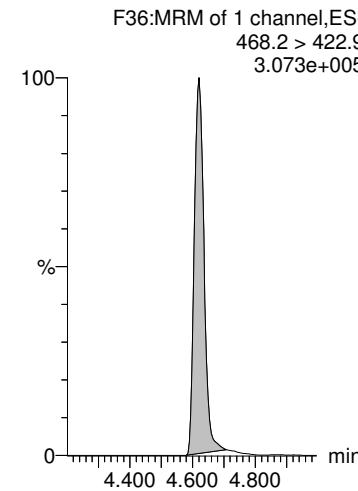
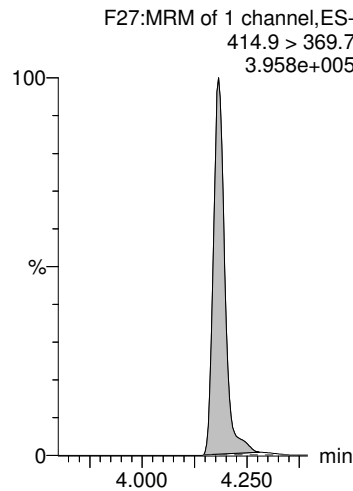
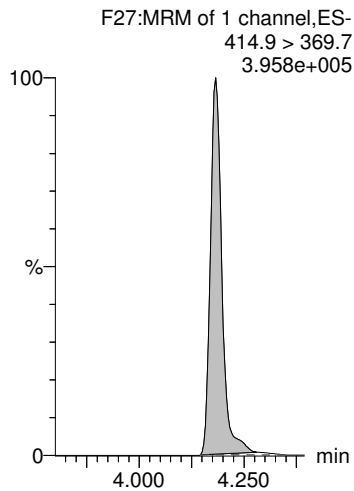
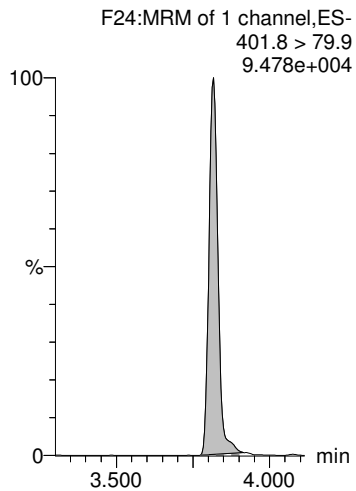
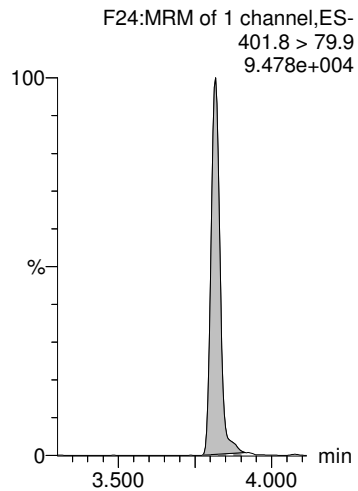
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-75.qld

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Name: 200714M1_75, Date: 15-Jul-2020, Time: 03:58:13, ID: 2001409-03 IS72MW15D-20200701 0.25566, Description: IS72MW15D-20200701

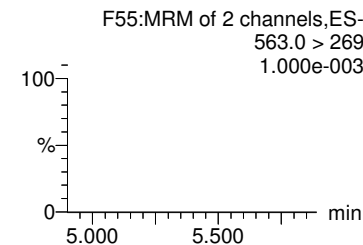
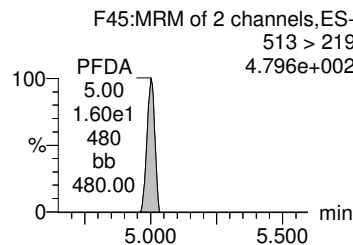
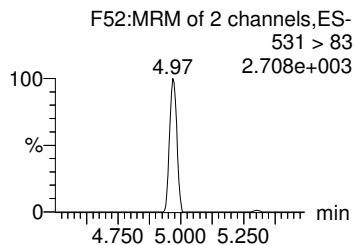
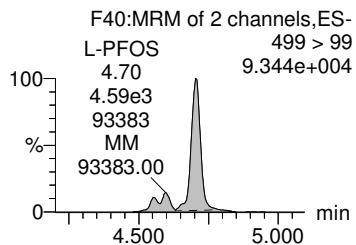
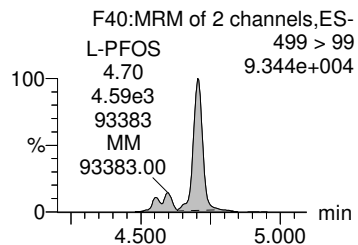
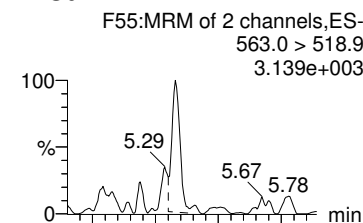
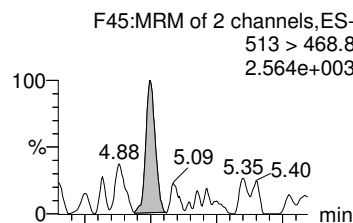
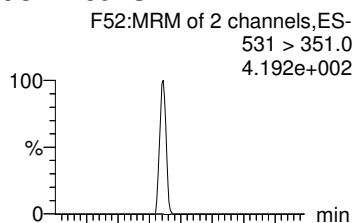
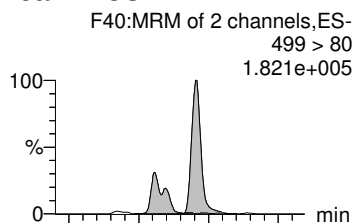
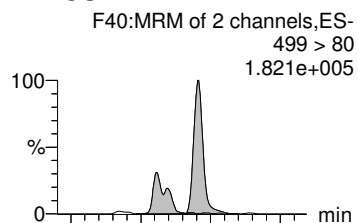
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



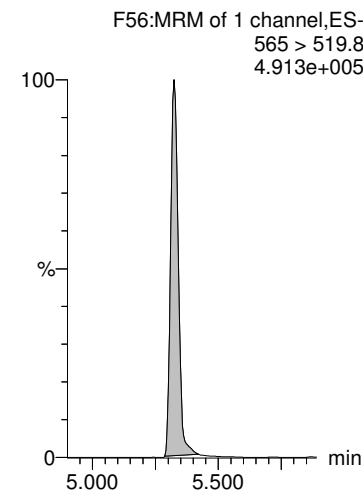
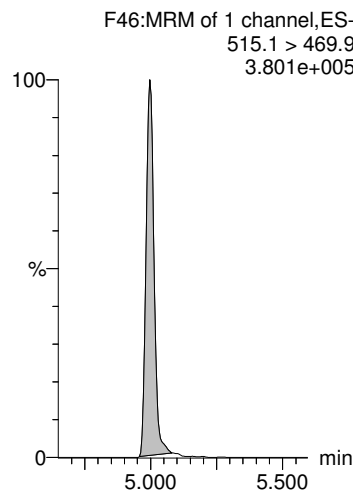
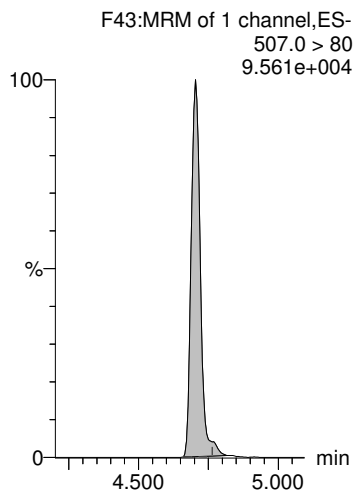
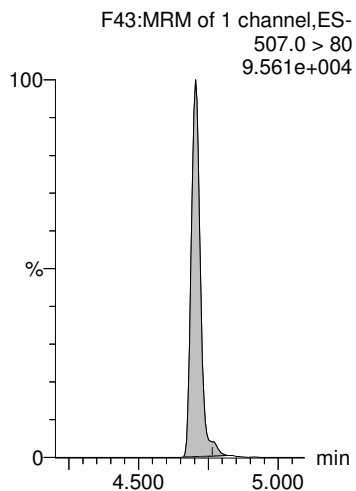
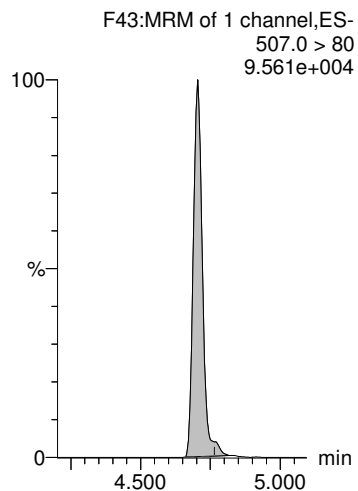
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-75.qld

Last Altered: Monday, July 20, 2020 17:14:17 Pacific Daylight Time

Printed: Monday, July 20, 2020 17:16:01 Pacific Daylight Time

Name: 200714M1_75, Date: 15-Jul-2020, Time: 03:58:13, ID: 2001409-03 IS72MW15D-20200701 0.25566, Description: IS72MW15D-20200701

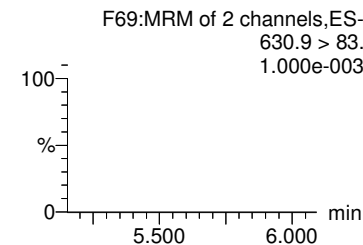
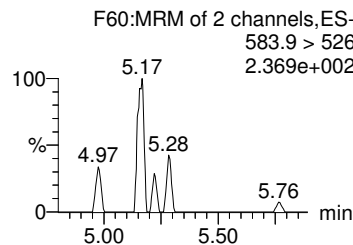
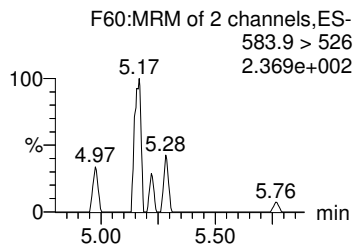
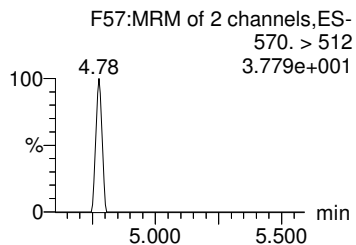
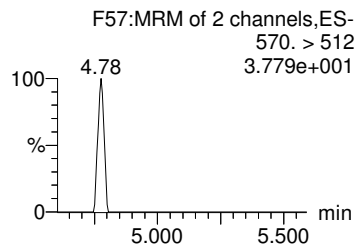
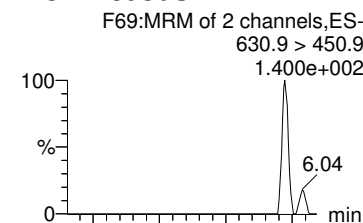
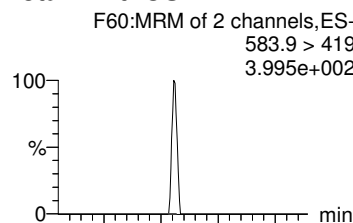
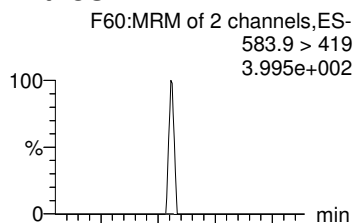
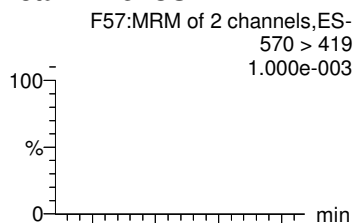
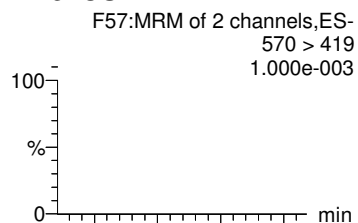
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30uS



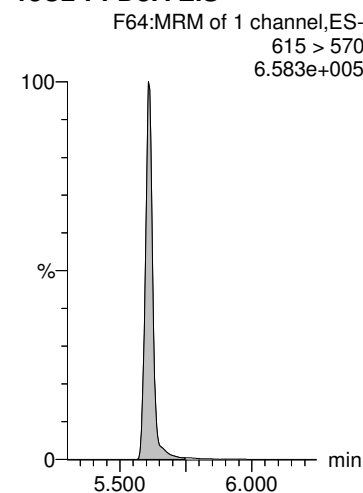
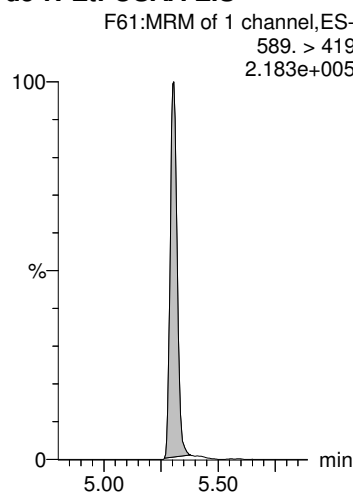
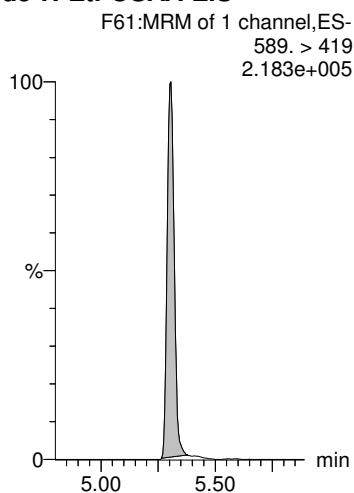
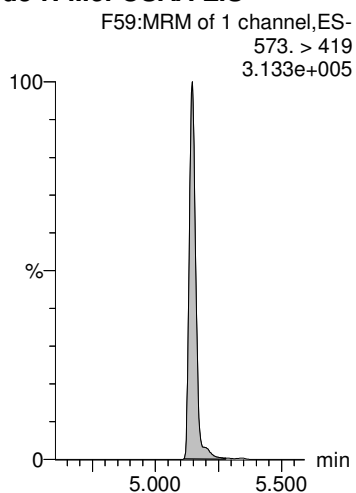
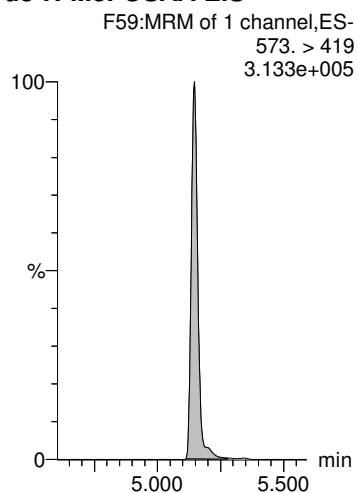
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-75.qld

Last Altered: Monday, July 20, 2020 17:14:17 Pacific Daylight Time

Printed: Monday, July 20, 2020 17:16:01 Pacific Daylight Time

Name: 200714M1_75, Date: 15-Jul-2020, Time: 03:58:13, ID: 2001409-03 IS72MW15D-20200701 0.25566, Description: IS72MW15D-20200701

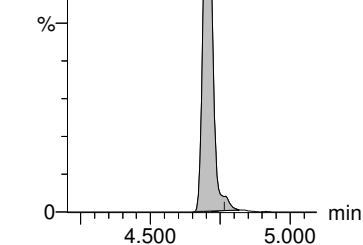
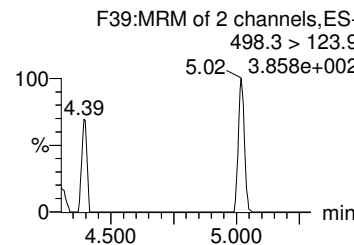
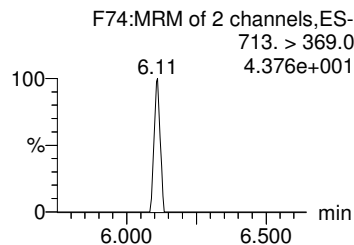
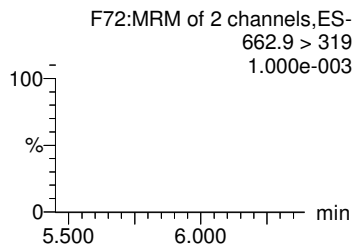
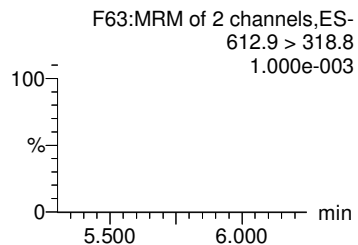
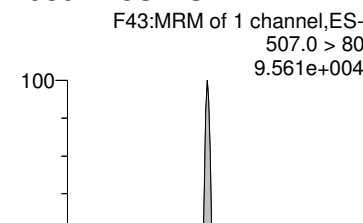
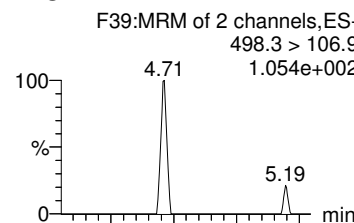
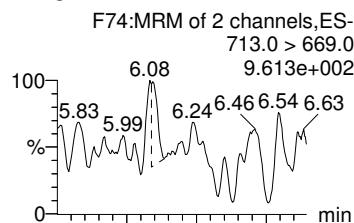
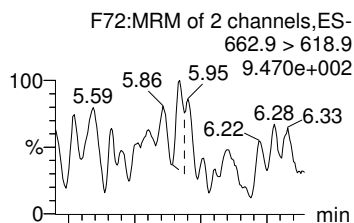
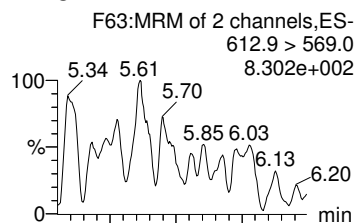
PFD_oA

PFT_rDA

PFT_eDA

TDCA

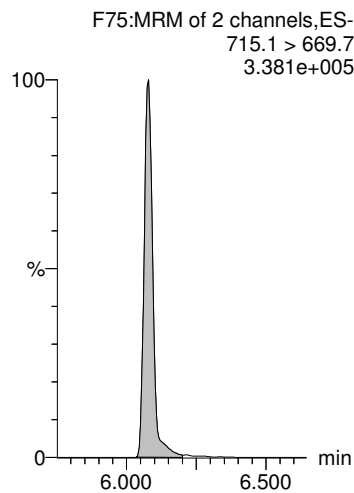
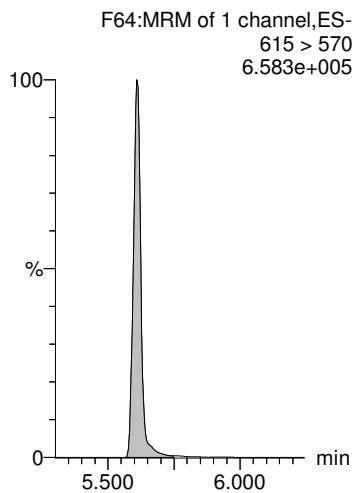
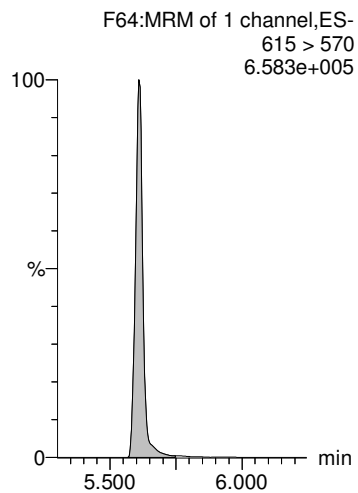
13C8-PFOS-EIS



13C2-PFD_oA-EIS

13C2-PFD_oA-EIS

13C2-PFT_eDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-76.qld

Last Altered: Monday, July 20, 2020 17:26:06 Pacific Daylight Time

Printed: Monday, July 20, 2020 17:26:37 Pacific Daylight Time

Name: 200714M1_76, Date: 15-Jul-2020, Time: 04:08:35, ID: 2001409-04 222MW09D-20200701 0.24708, Description: 222MW09D-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	5.213e2	1.296e3	0.247		2.51	2.52	5.03	10.459		2.432	NO
2	7 PFHxA	313.0 > 269.0	4.351e3	1.012e4	0.247		3.05	3.05	5.37	20.739		18.818	NO
3	9 HFPO-DA	285.1 > 168.9		7.527e2	0.247		3.27						YES
4	11 PFHpA	363.0 > 318.9	8.313e2	5.836e3	0.247		3.67	3.67	1.78	5.553		12.900	NO
5	12 ADONA	376.8 > 250.9		5.836e3	0.247		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.296e3		0.247	127.271	2.52	2.51	1300	41.219	81.5		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.012e4		0.247	1154.290	3.05	3.05	10100	35.492	70.2		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	7.527e2		0.247	101.036	3.28	3.27	753	30.152	59.6		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	5.836e3		0.247	686.728	3.67	3.67	5840	34.392	68.0		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	5.836e3		0.247	686.728	3.67	3.67	5840	34.392	68.0		
11	-1												
12	13 L-PFHxS	399 > 80.0	4.006e3	2.587e3	0.247		3.81	3.81	19.4	70.192		1.637	NO
13	1... Total PFHxS	399 > 80	4.006e3	2.587e3	0.247		3.83		19.4	70.192			
14	16 L-PFOA	412.8 > 368.9	2.924e4	1.232e4	0.247		4.18	4.18	29.7	83.934		3.513	NO
15	1... Total PFOA	412.8 > 368.9	2.924e4	1.232e4	0.247		4.20		29.7	83.934			
16	21 PFNA	463.0 > 418.8		1.127e4	0.247		4.62						YES
17	61 13C3-PFHxS-EIS	401.8 > 79.9	2.587e3		0.247	319.274	3.82	3.81	2590	32.791	64.8		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	2.587e3		0.247	319.274	3.82	3.81	2590	32.791	64.8		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.232e4		0.247	1394.720	4.19	4.18	12300	35.748	70.7		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.232e4		0.247	1394.720	4.19	4.18	12300	35.748	70.7		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.127e4		0.247	1417.984	4.63	4.62	11300	32.157	63.6		
22	-1												
23	23 L-PFOS	499 > 80	9.364e2	3.140e3	0.247		4.70	4.56	3.73	14.986		3.506	YES
24	1... Total PFOS	499 > 80	9.364e2	3.140e3	0.247		4.73		3.73	14.986			
25	25 9Cl-PF30NS	531 > 351.0		3.140e3	0.247		4.91						YES
26	26 PFDA	513 > 468.8		1.118e4	0.247		5.00						YES
27	33 PFUdA	563.0 > 518.9		1.621e4	0.247		5.32						YES
28	73 13C8-PFOS-EIS	507.0 > 80	3.140e3		0.247	361.054	4.71	4.70	3140	35.200	69.6		
29	73 13C8-PFOS-EIS	507.0 > 80	3.140e3		0.247	361.054	4.71	4.70	3140	35.200	69.6		
30	73 13C8-PFOS-EIS	507.0 > 80	3.140e3		0.247	361.054	4.71	4.70	3140	35.200	69.6		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.118e4		0.247	1350.069	5.00	5.00	11200	33.502	66.2		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.621e4		0.247	1994.364	5.33	5.32	16200	32.897	65.0		
33	-1												
34	29 L-MeFOSAA	570 > 419		8.676e3	0.247		5.14						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	8.676e3	0.247		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419		8.136e3	0.247		5.30						YES

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-76.qld

Last Altered: Monday, July 20, 2020 17:26:06 Pacific Daylight Time
 Printed: Monday, July 20, 2020 17:26:37 Pacific Daylight Time

Name: 200714M1_76, Date: 15-Jul-2020, Time: 04:08:35, ID: 2001409-04 222MW09D-20200701 0.24708, Description: 222MW09D-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	0.000e0	8.136e3	0.247		5.33		0.000				
38	35 11Cl-PF30UdS	630.9 > 450.9		1.833e4	0.247		5.54						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	8.676e3		0.247	1024.448	5.15	5.14	8680	34.275	67.7		
40	79 d3-N-MeFOSAA-EIS	573. > 419	8.676e3		0.247	1024.448	5.15	5.14	8680	34.275	67.7		
41	83 d5-N-EtFOSAA-EIS	589. > 419	8.136e3		0.247	964.220	5.31	5.30	8140	34.149	67.5		
42	83 d5-N-EtFOSAA-EIS	589. > 419	8.136e3		0.247	964.220	5.31	5.30	8140	34.149	67.5		
43	85 13C2-PFDoA-EIS	615 > 570	1.833e4		0.247	2212.380	5.62	5.61	18300	33.525	66.3		
44	-1												
45	37 PFDoA	612.9 > 569.0		1.833e4	0.247		5.61						YES
46	39 PFTrDA	662.9 > 618.9		1.833e4	0.247		5.86						YES
47	41 PFTeDA	713.0 > 669.0		1.195e4	0.247		6.07						YES
48	1... TDCA	498.3>106.9			0.247		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.140e3		0.247	361.054	4.71	4.70	3140	35.200	69.6		
50	85 13C2-PFDoA-EIS	615 > 570	1.833e4		0.247	2212.380	5.62	5.61	18300	33.525	66.3		
51	85 13C2-PFDoA-EIS	615 > 570	1.833e4		0.247	2212.380	5.62	5.61	18300	33.525	66.3		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.195e4		0.247	1536.348	6.08	6.07	12000	31.489	62.2		

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-76.qld

Last Altered: Monday, July 20, 2020 17:26:06 Pacific Daylight Time

Printed: Monday, July 20, 2020 17:26:37 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 20 Jul 2020 17:18:01

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_76, Date: 15-Jul-2020, Time: 04:08:35, ID: 2001409-04 222MW09D-20200701 0.24708, Description: 222MW09D-20200701

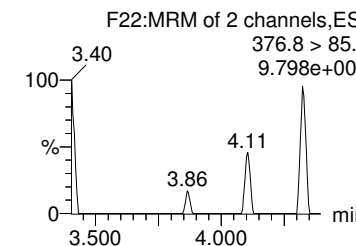
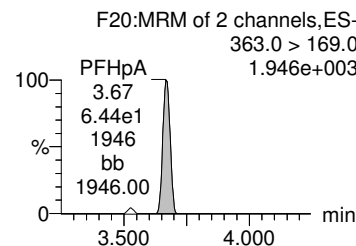
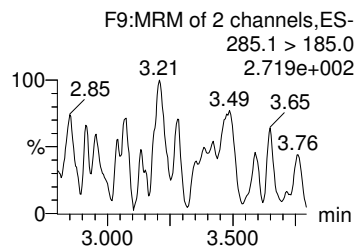
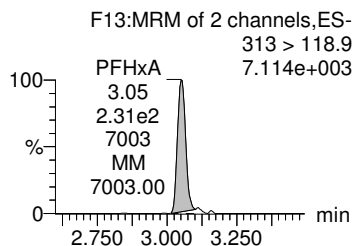
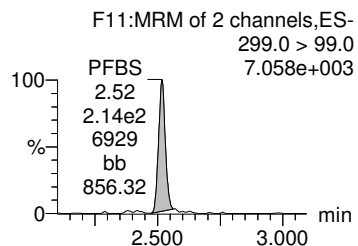
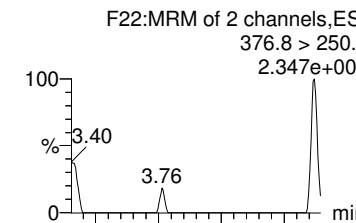
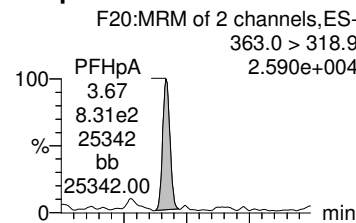
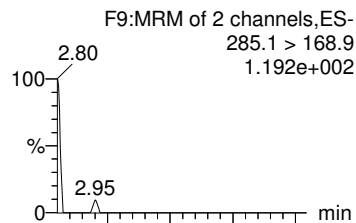
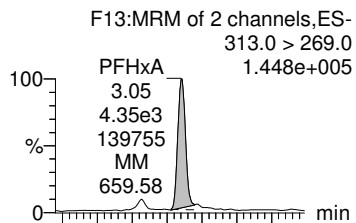
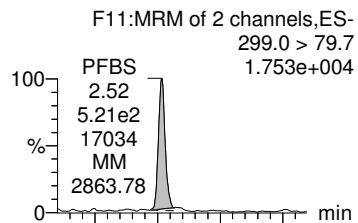
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



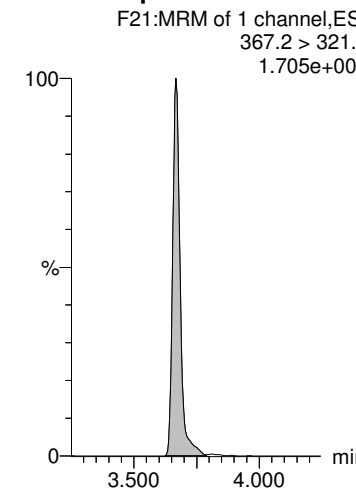
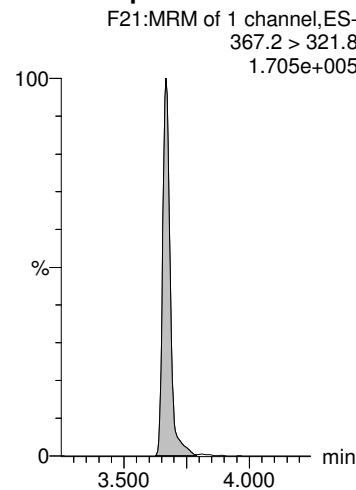
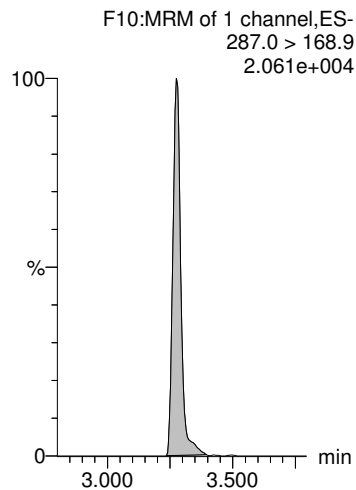
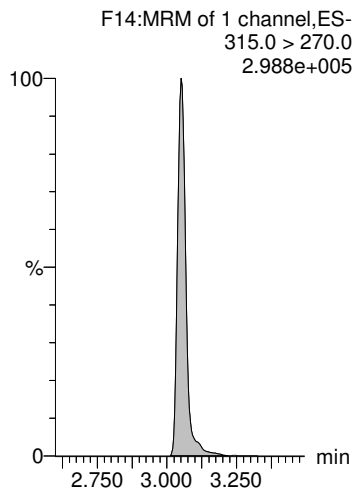
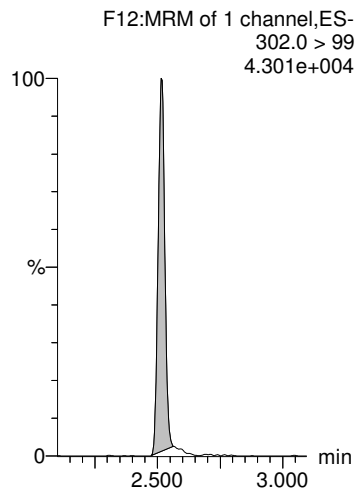
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-76.qld

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Name: 200714M1_76, Date: 15-Jul-2020, Time: 04:08:35, ID: 2001409-04 222MW09D-20200701 0.24708, Description: 222MW09D-20200701

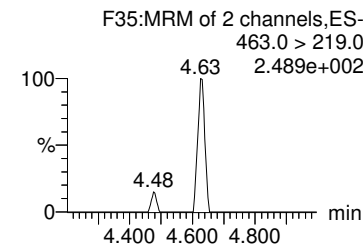
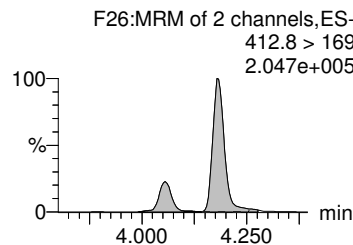
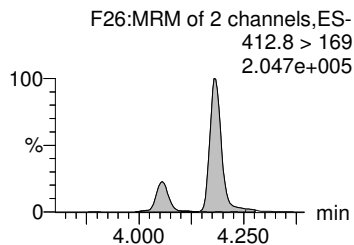
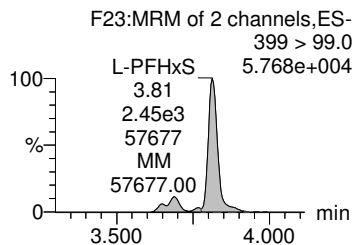
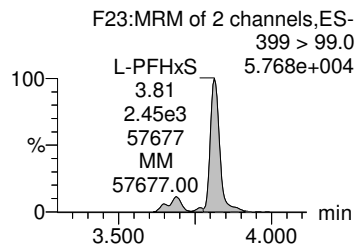
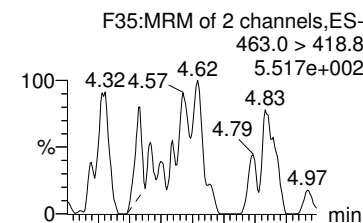
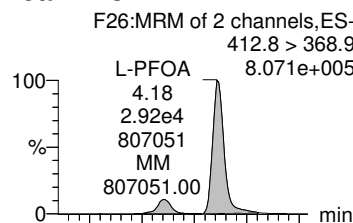
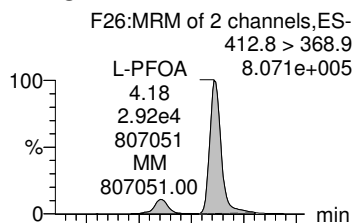
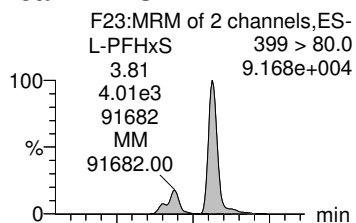
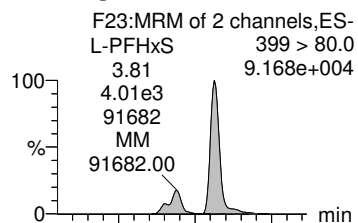
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



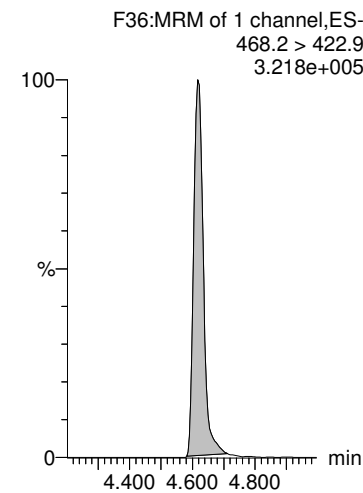
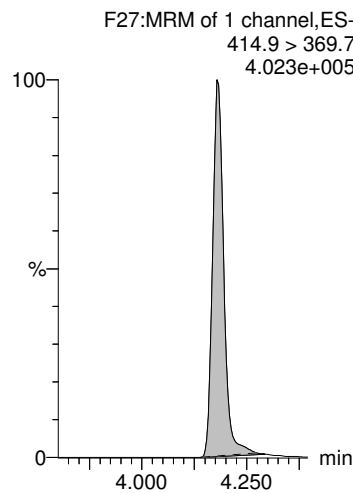
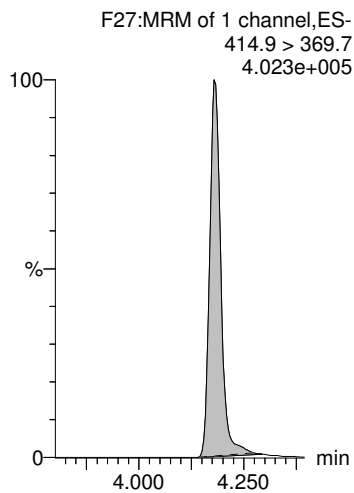
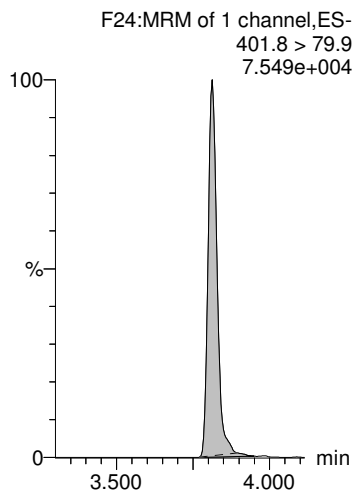
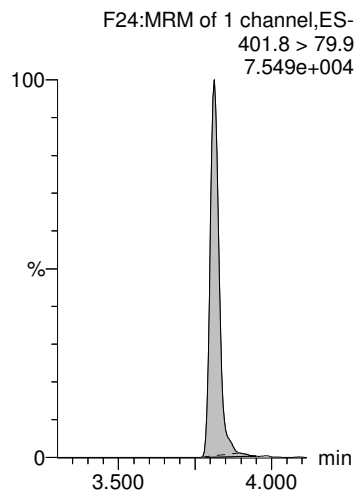
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-76.qld

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Name: 200714M1_76, Date: 15-Jul-2020, Time: 04:08:35, ID: 2001409-04 222MW09D-20200701 0.24708, Description: 222MW09D-20200701

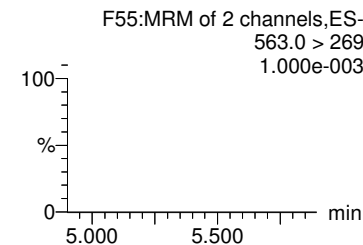
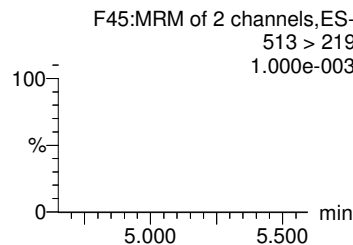
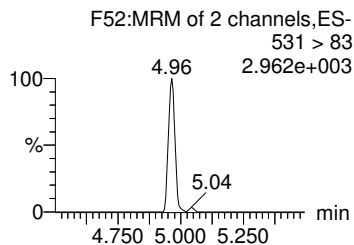
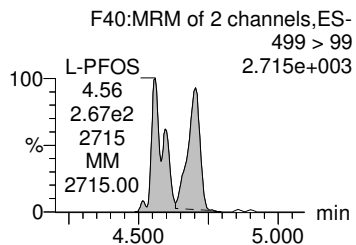
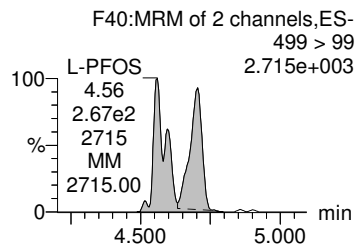
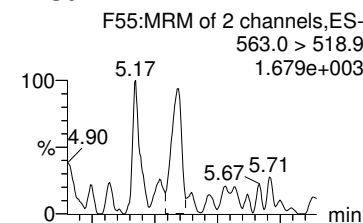
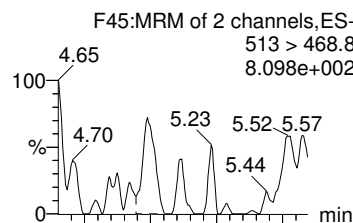
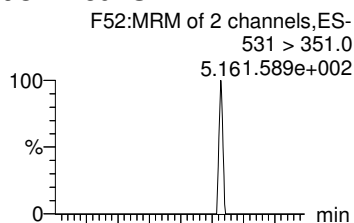
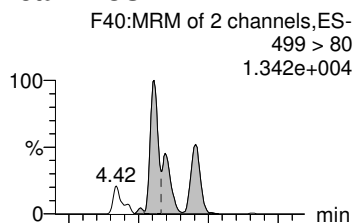
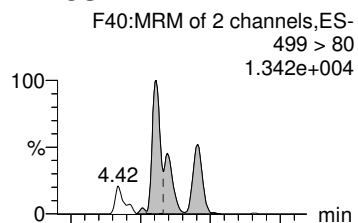
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



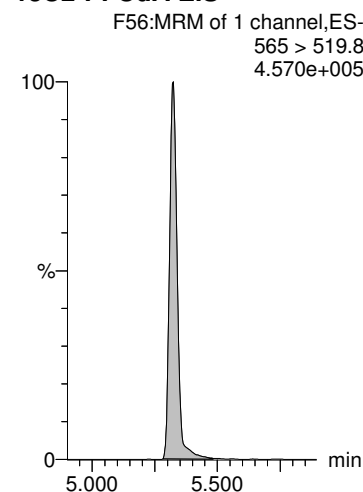
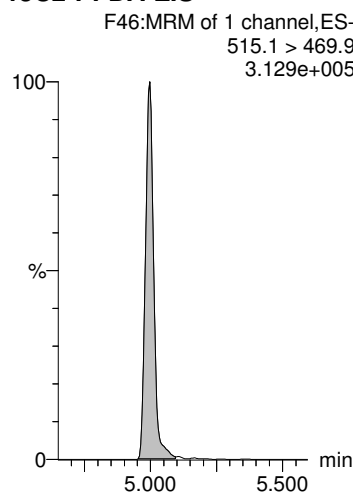
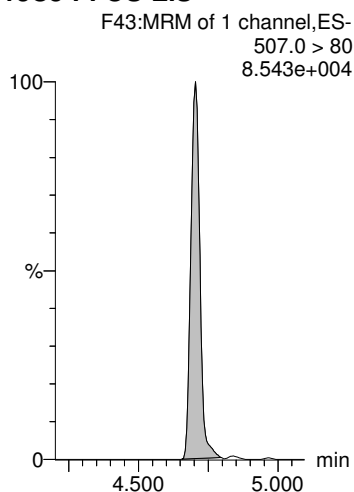
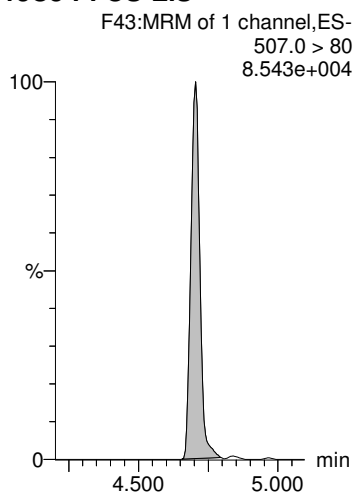
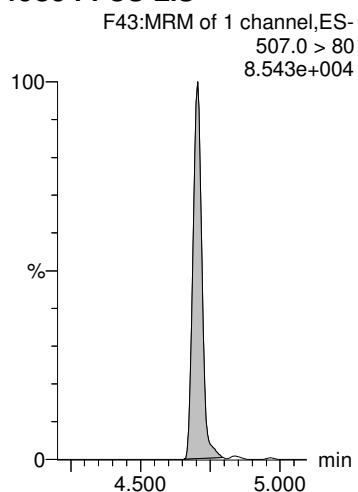
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



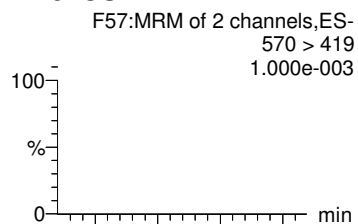
Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-76.qld

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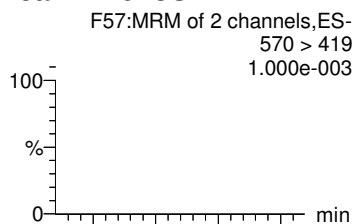
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Name: 200714M1_76, Date: 15-Jul-2020, Time: 04:08:35, ID: 2001409-04 222MW09D-20200701 0.24708, Description: 222MW09D-20200701

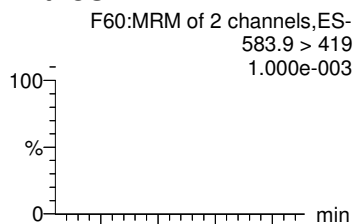
L-MeFOSAA



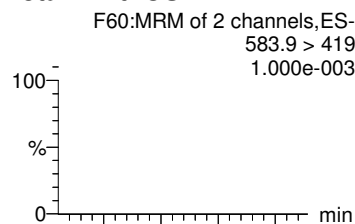
Total N-MeFOSAA



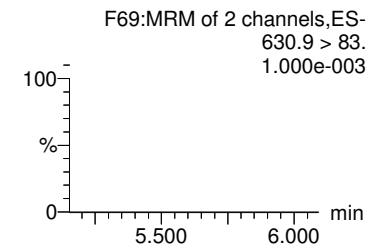
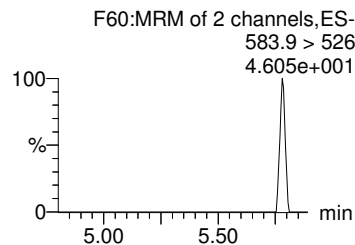
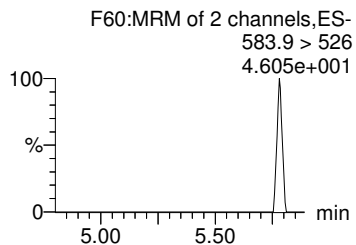
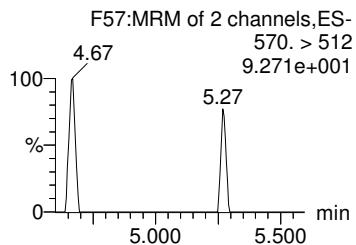
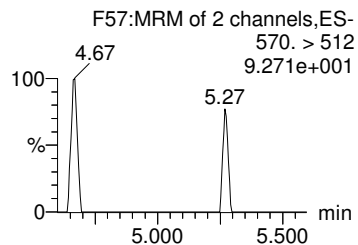
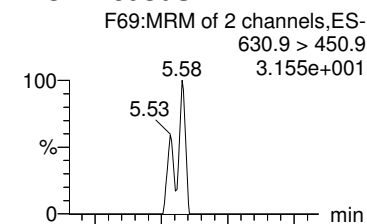
L-EtFOSAA



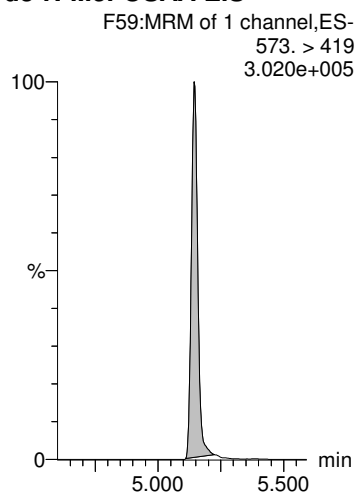
Total N-EtFOSAA



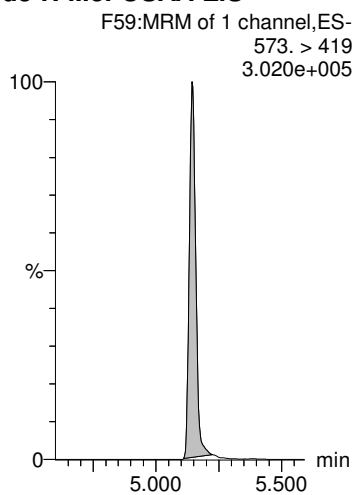
11CI-PF30UdS



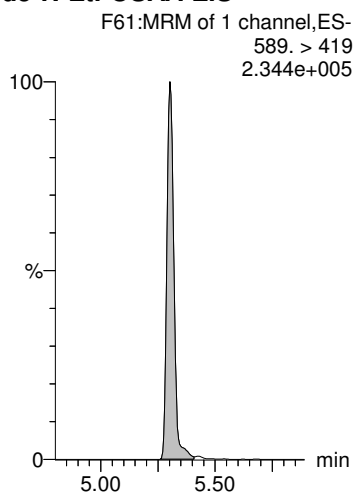
d3-N-MeFOSAA-EIS



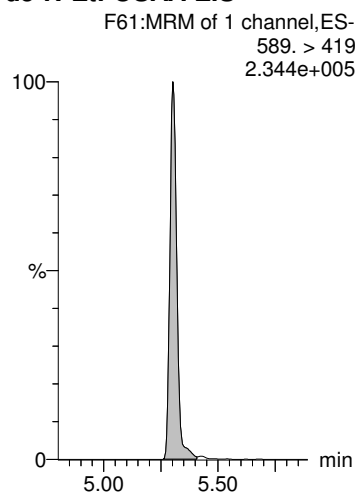
d3-N-MeFOSAA-EIS



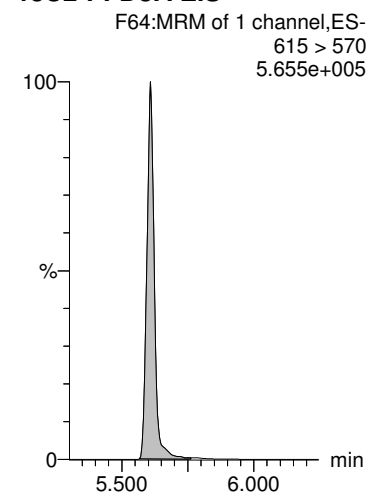
d5-N-EtFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFDoA-EIS



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Name: 200714M1_76, Date: 15-Jul-2020, Time: 04:08:35, ID: 2001409-04 222MW09D-20200701 0.24708, Description: 222MW09D-20200701

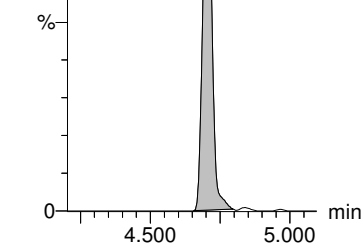
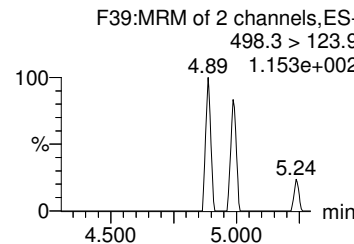
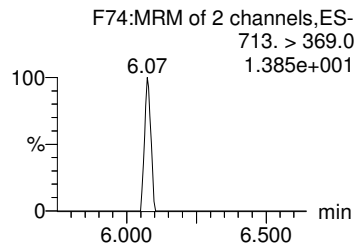
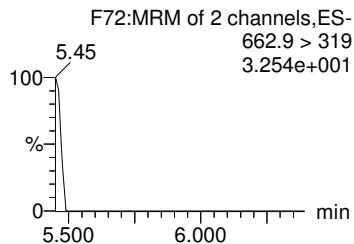
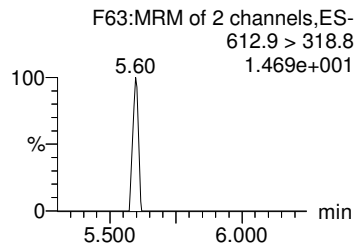
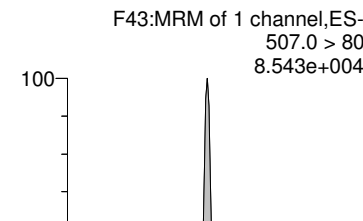
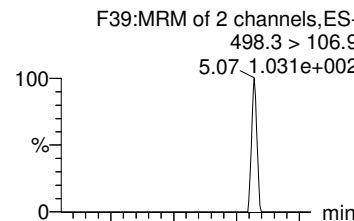
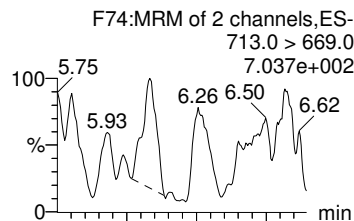
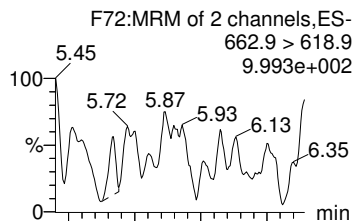
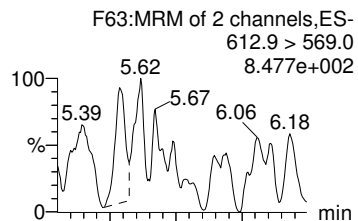
PFD_oA

PFT_rDA

PFT_eDA

TDCA

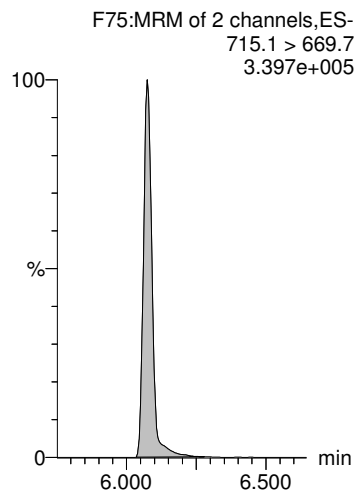
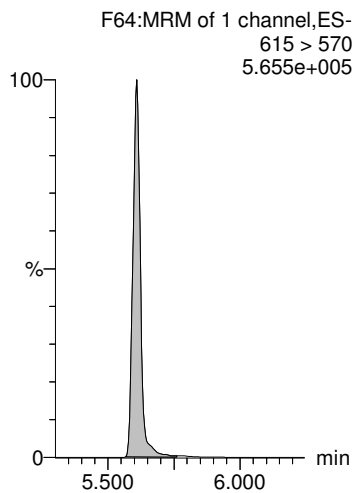
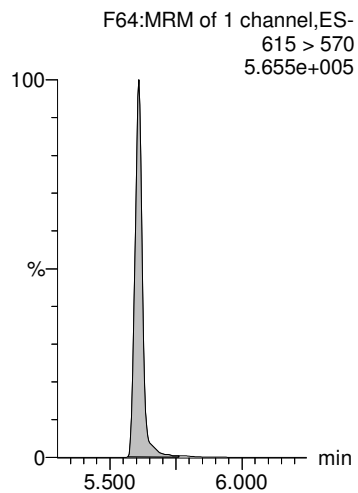
13C8-PFOS-EIS



13C2-PFD_oA-EIS

13C2-PFD_oA-EIS

13C2-PFT_eDA-EIS



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Name: 200714M1_77, Date: 15-Jul-2020, Time: 04:18:57, ID: 2001409-05 DUP02-20200701 0.25888, Description: DUP02-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	5.008e2	1.180e3	0.259		2.51	2.51	5.30	10.529		2.470	NO
2	7 PFHxA	313.0 > 269.0	5.193e3	1.062e4	0.259		3.05	3.05	6.11	22.556		19.253	NO
3	9 HFPO-DA	285.1 > 168.9		7.182e2	0.259		3.27						YES
4	11 PFHpA	363.0 > 318.9	8.571e2	6.114e3	0.259		3.67	3.67	1.75	5.213		11.350	NO
5	12 ADONA	376.8 > 250.9		6.114e3	0.259		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.180e3		0.259	127.271	2.52	2.51	1180	35.827	74.2		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.062e4		0.259	1154.290	3.05	3.05	10600	35.551	73.6		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	7.182e2		0.259	101.036	3.28	3.27	718	27.458	56.9		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	6.114e3		0.259	686.728	3.67	3.67	6110	34.393	71.2		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	6.114e3		0.259	686.728	3.67	3.67	6110	34.393	71.2		
11	-1												
12	13 L-PFHxS	399 > 80.0	4.088e3	2.897e3	0.259		3.81	3.81	17.6	61.041		1.735	NO
13	1... Total PFHxS	399 > 80	4.088e3	2.897e3	0.259		3.83		17.6	61.041			
14	16 L-PFOA	412.8 > 368.9	2.989e4	1.227e4	0.259		4.18	4.18	30.4	82.234		3.560	NO
15	1... Total PFOA	412.8 > 368.9	2.989e4	1.227e4	0.259		4.20		30.4	82.234			
16	21 PFNA	463.0 > 418.8		1.204e4	0.259		4.62						YES
17	61 13C3-PFHxS-EIS	401.8 > 79.9	2.897e3		0.259	319.274	3.82	3.81	2900	35.045	72.6		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	2.897e3		0.259	319.274	3.82	3.81	2900	35.045	72.6		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.227e4		0.259	1394.720	4.19	4.18	12300	33.982	70.4		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.227e4		0.259	1394.720	4.19	4.18	12300	33.982	70.4		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.204e4		0.259	1417.984	4.63	4.62	12000	32.793	67.9		
22	-1												
23	23 L-PFOS	499 > 80	1.059e3	3.303e3	0.259		4.70	4.56	4.01	15.372		3.255	YES
24	1... Total PFOS	499 > 80	1.059e3	3.303e3	0.259		4.73		4.01	15.372			
25	25 9Cl-PF30NS	531 > 351.0		3.303e3	0.259		4.91						YES
26	26 PFDA	513 > 468.8		1.259e4	0.259		5.00						YES
27	33 PFUdA	563.0 > 518.9		1.579e4	0.259		5.32						YES
28	73 13C8-PFOS-EIS	507.0 > 80	3.303e3		0.259	361.054	4.71	4.70	3300	35.340	73.2		
29	73 13C8-PFOS-EIS	507.0 > 80	3.303e3		0.259	361.054	4.71	4.70	3300	35.340	73.2		
30	73 13C8-PFOS-EIS	507.0 > 80	3.303e3		0.259	361.054	4.71	4.70	3300	35.340	73.2		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.259e4		0.259	1350.069	5.00	5.00	12600	36.012	74.6		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.579e4		0.259	1994.364	5.33	5.32	15800	30.590	63.4		
33	-1												
34	29 L-MeFOSAA	570 > 419		9.018e3	0.259		5.15						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	9.018e3	0.259		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419		7.961e3	0.259		5.30						YES

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Name: 200714M1_77, Date: 15-Jul-2020, Time: 04:18:57, ID: 2001409-05 DUP02-20200701 0.25888, Description: DUP02-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	0.000e0	7.961e3	0.259		5.33		0.000				
38	35 11Cl-PF30UdS	630.9 > 450.9		1.863e4	0.259		5.54						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	9.018e3		0.259	1024.448	5.15	5.15	9020	34.005	70.4		
40	79 d3-N-MeFOSAA-EIS	573. > 419	9.018e3		0.259	1024.448	5.15	5.15	9020	34.005	70.4		
41	83 d5-N-EtFOSAA-EIS	589. > 419	7.961e3		0.259	964.220	5.31	5.30	7960	31.892	66.0		
42	83 d5-N-EtFOSAA-EIS	589. > 419	7.961e3		0.259	964.220	5.31	5.30	7960	31.892	66.0		
43	85 13C2-PFDoA-EIS	615 > 570	1.863e4		0.259	2212.380	5.62	5.61	18600	32.531	67.4		
44	-1												
45	37 PFDoA	612.9 > 569.0		1.863e4	0.259		5.61						YES
46	39 PFTrDA	662.9 > 618.9		1.863e4	0.259		5.86						YES
47	41 PFTeDA	713.0 > 669.0		1.062e4	0.259		6.07						YES
48	1... TDCA	498.3>106.9			0.259		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.303e3		0.259	361.054	4.71	4.70	3300	35.340	73.2		
50	85 13C2-PFDoA-EIS	615 > 570	1.863e4		0.259	2212.380	5.62	5.61	18600	32.531	67.4		
51	85 13C2-PFDoA-EIS	615 > 570	1.863e4		0.259	2212.380	5.62	5.61	18600	32.531	67.4		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.062e4		0.259	1536.348	6.08	6.07	10600	26.700	55.3		

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-77.qld

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 20 Jul 2020 17:29:33

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_77, Date: 15-Jul-2020, Time: 04:18:57, ID: 2001409-05 DUP02-20200701 0.25888, Description: DUP02-20200701

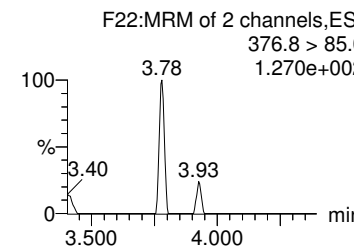
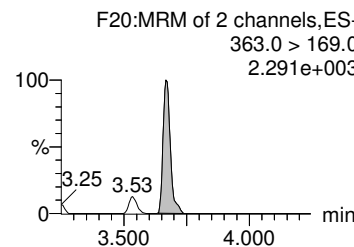
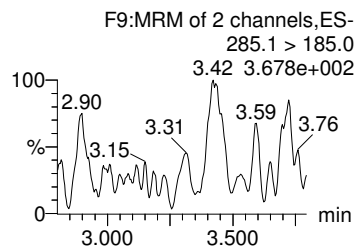
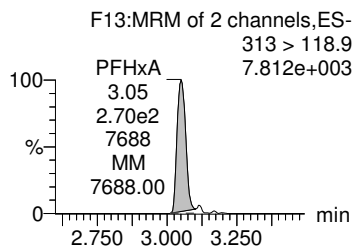
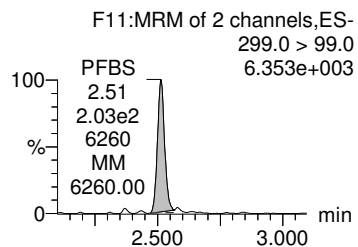
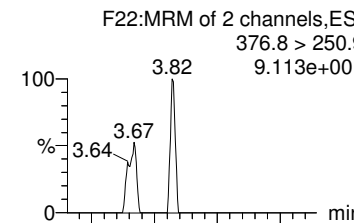
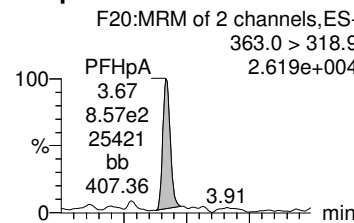
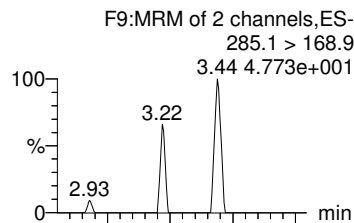
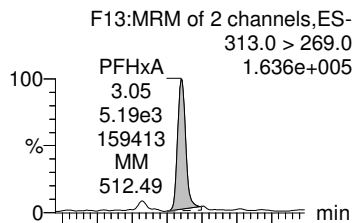
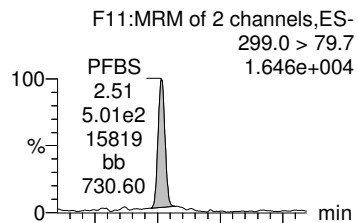
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



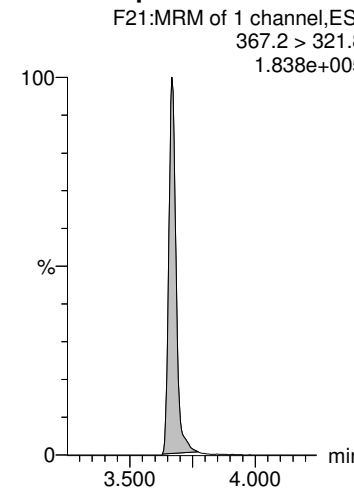
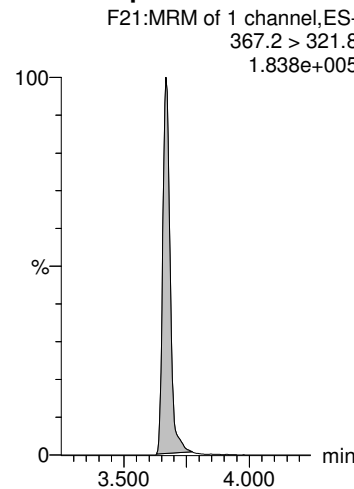
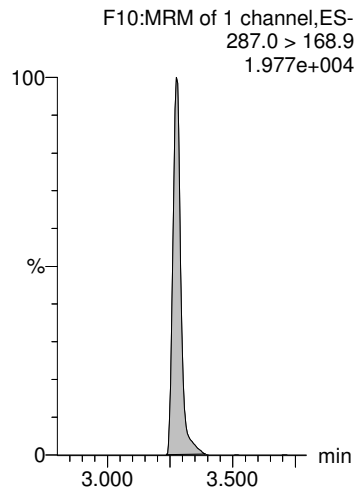
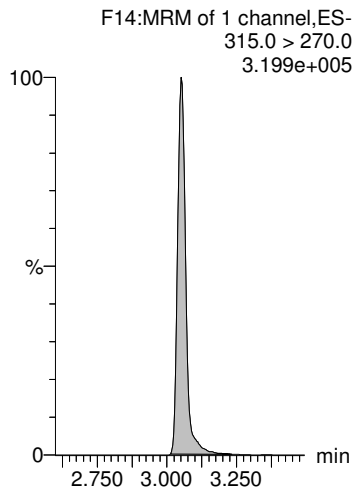
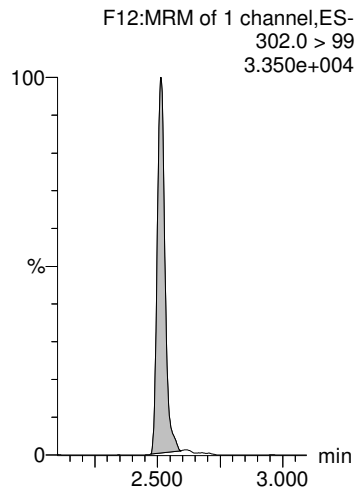
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



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Name: 200714M1_77, Date: 15-Jul-2020, Time: 04:18:57, ID: 2001409-05 DUP02-20200701 0.25888, Description: DUP02-20200701

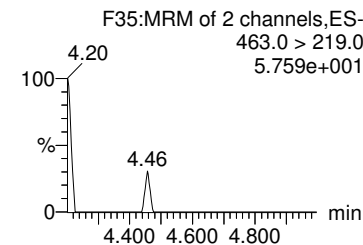
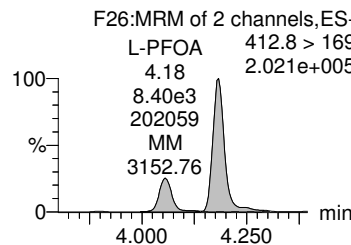
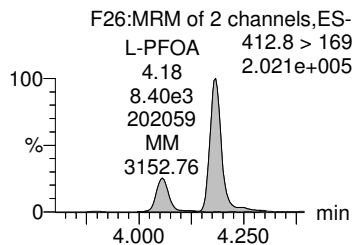
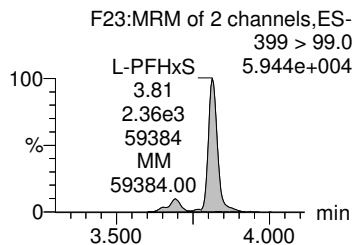
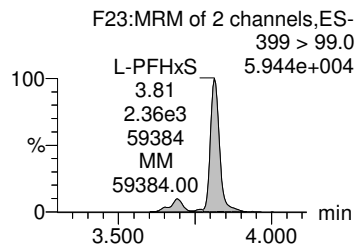
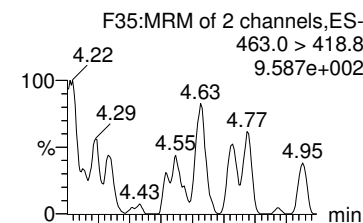
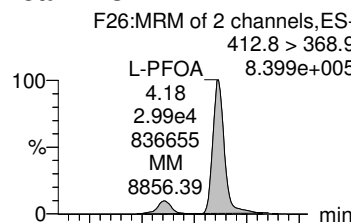
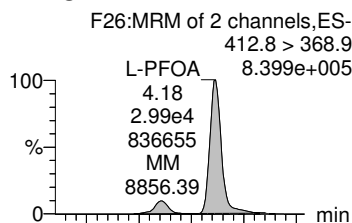
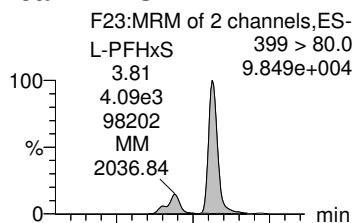
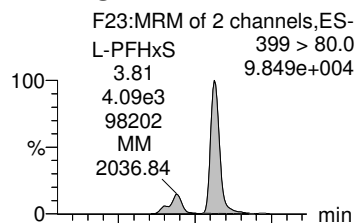
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



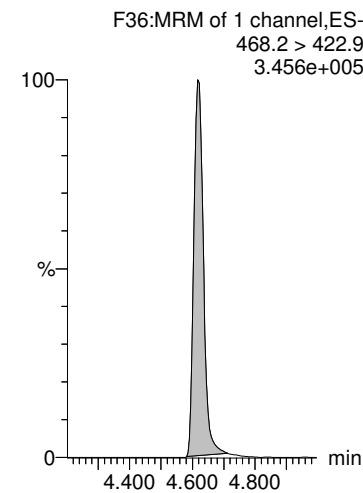
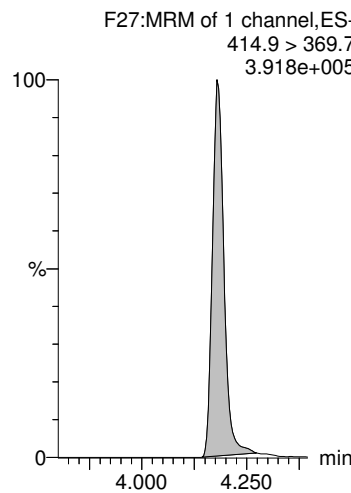
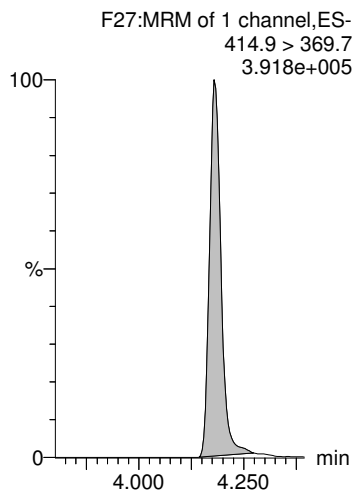
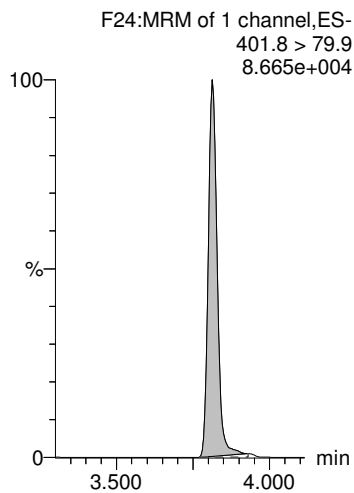
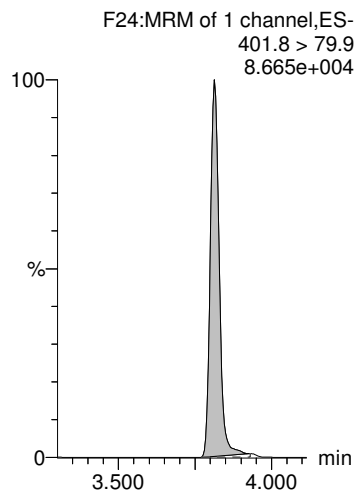
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



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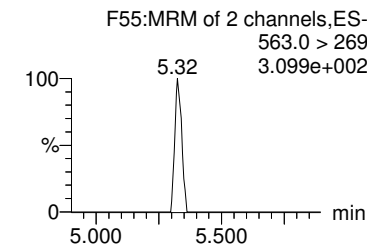
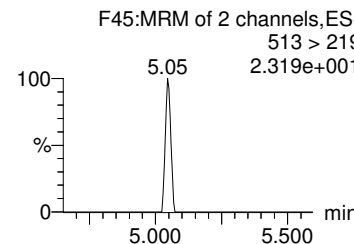
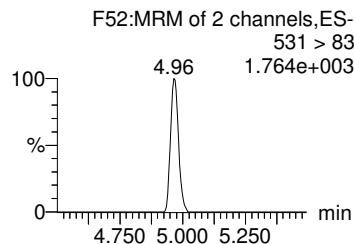
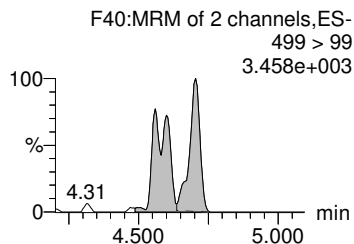
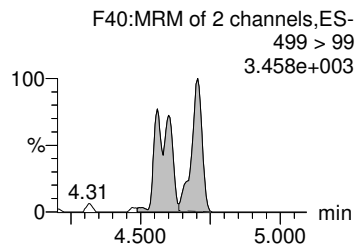
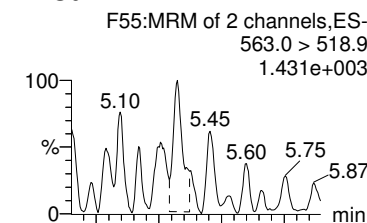
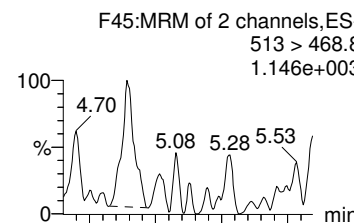
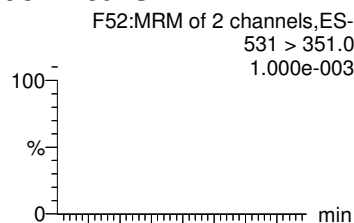
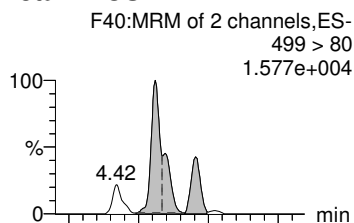
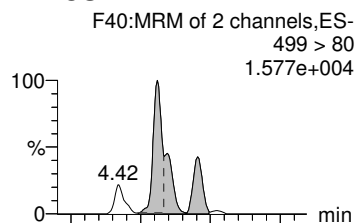
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



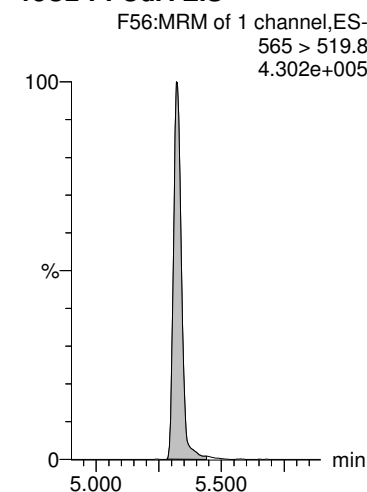
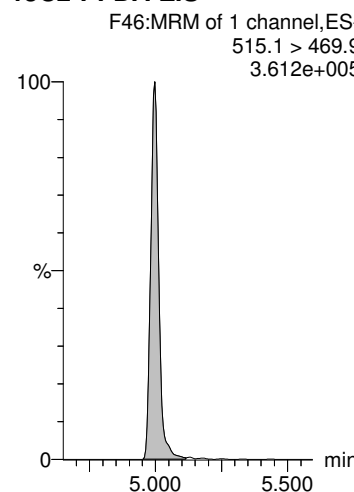
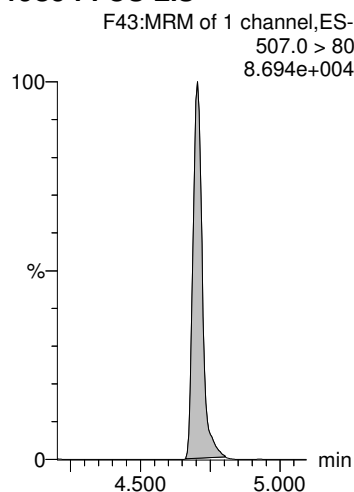
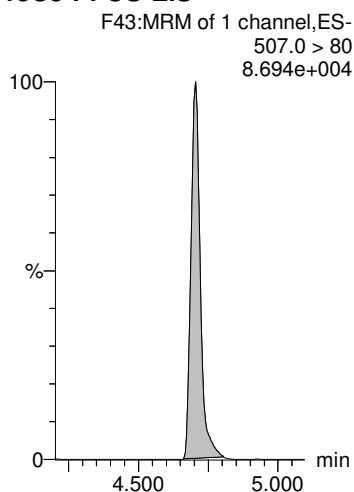
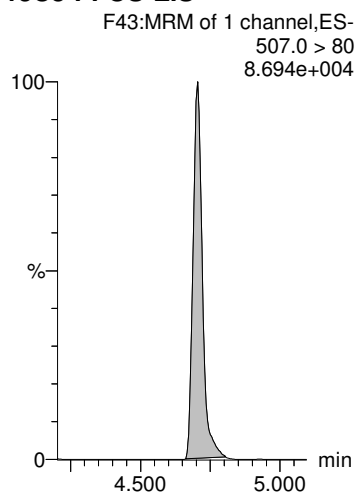
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



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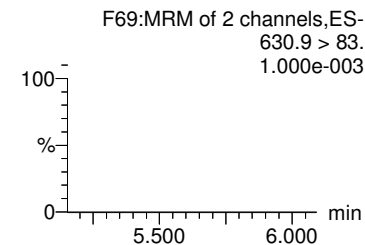
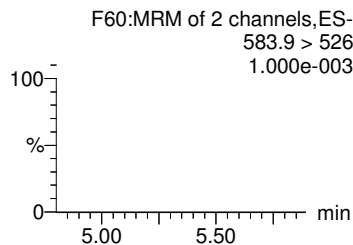
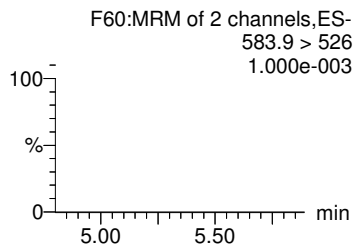
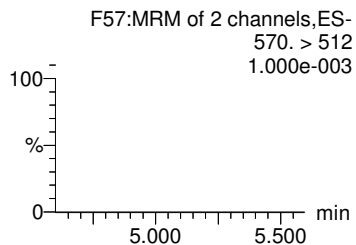
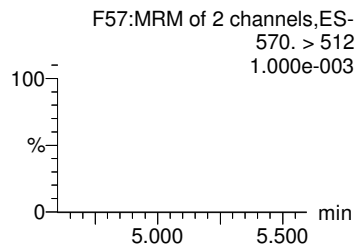
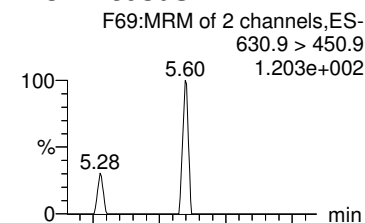
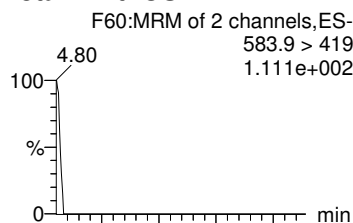
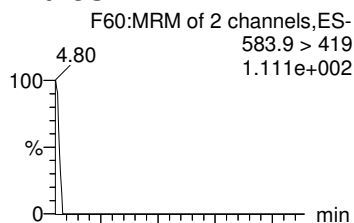
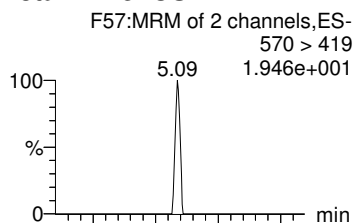
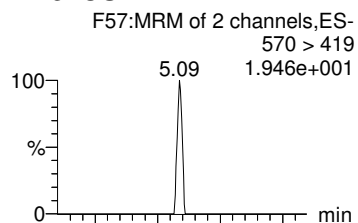
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30UdS



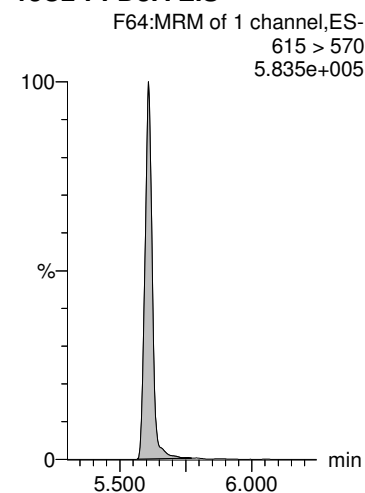
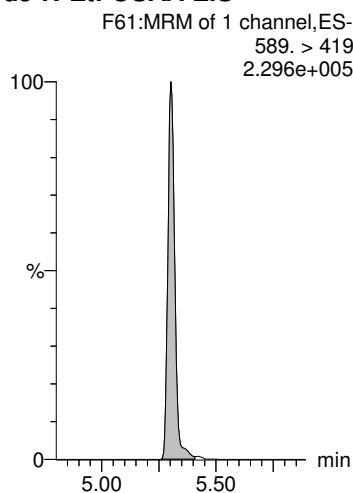
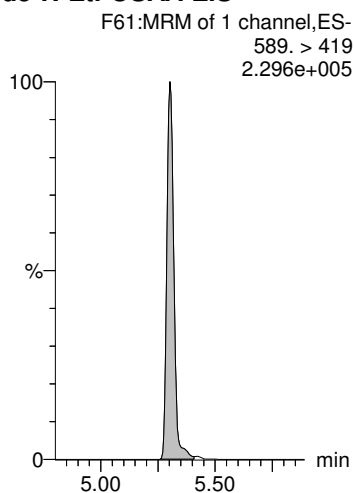
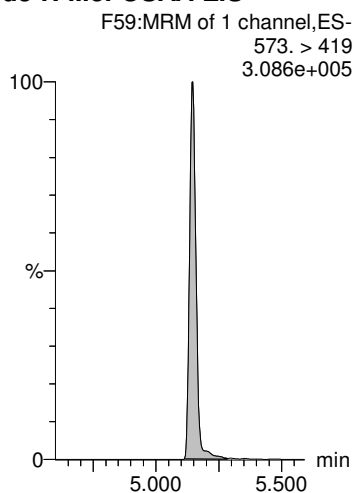
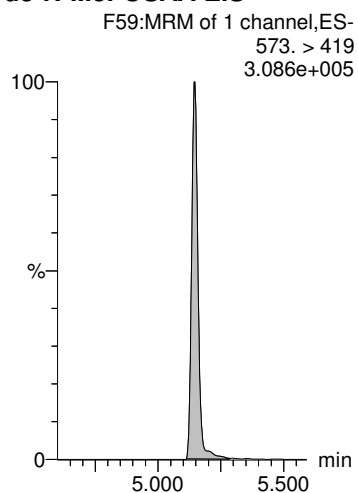
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



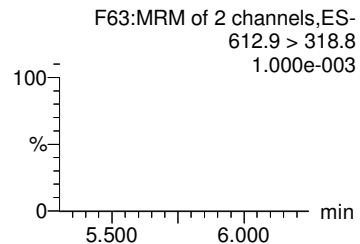
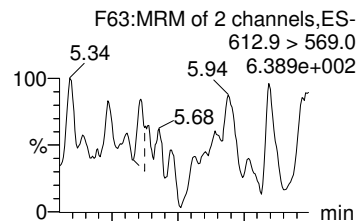
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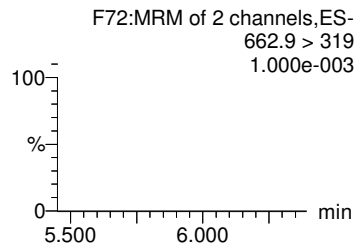
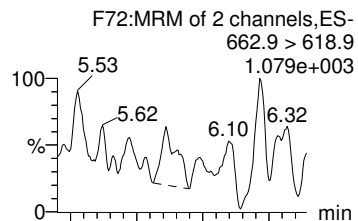
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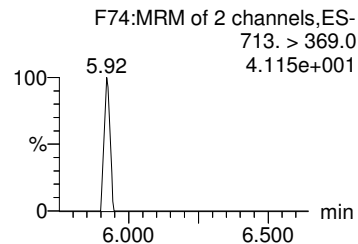
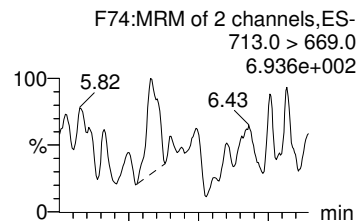
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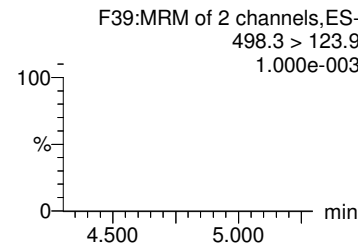
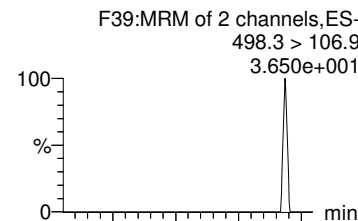
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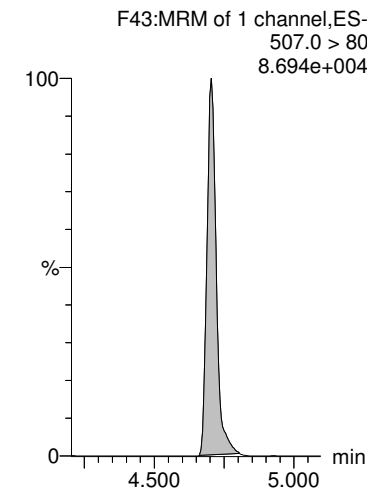
PFT_eDA



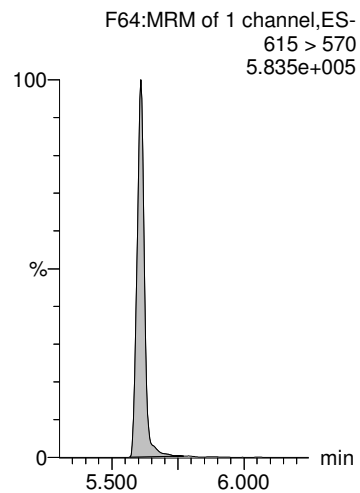
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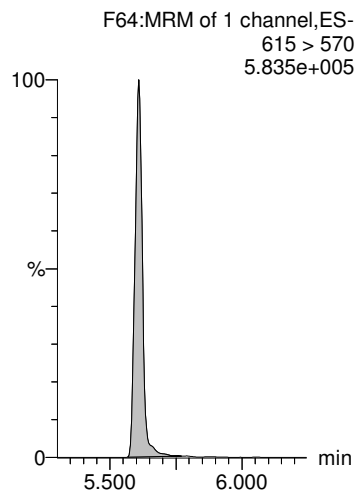
13C₈-PFOS-EIS



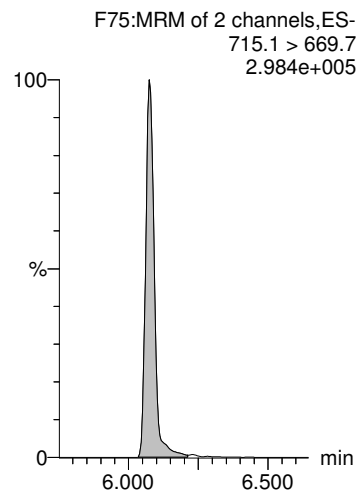
13C₂-PFD_oA-EIS



13C₂-PFD_oA-EIS



13C₂-PFT_eDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-78.qld

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Name: 200714M1_78, Date: 15-Jul-2020, Time: 04:29:20, ID: 2001409-06 IS72MW17D-20200701 0.24802, Description: IS72MW17D-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	1.240e3	1.229e3	0.248		2.52	2.52	12.6	26.160		2.408	NO
2	7 PFHxA	313.0 > 269.0	3.735e4	9.888e3	0.248		3.05	3.05	47.2	184.934		18.186	NO
3	9 HFPO-DA	285.1 > 168.9		6.786e2	0.248		3.28						YES
4	11 PFHpA	363.0 > 318.9	1.396e4	5.676e3	0.248		3.67	3.67	30.7	98.014		12.174	NO
5	12 ADONA	376.8 > 250.9		5.676e3	0.248		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.229e3		0.248	127.271	2.52	2.52	1230	38.929	77.2		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	9.888e3		0.248	1154.290	3.05	3.05	9890	34.539	68.5		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	6.786e2		0.248	101.036	3.28	3.28	679	27.082	53.7		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	5.676e3		0.248	686.728	3.67	3.67	5680	33.325	66.1		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	5.676e3		0.248	686.728	3.67	3.67	5680	33.325	66.1		
11	-1												
12	13 L-PFHxS	399 > 80.0	4.665e3	2.673e3	0.248		3.82	3.81	21.8	78.817		1.699	NO
13	1... Total PFHxS	399 > 80	4.665e3	2.673e3	0.248		3.83		21.8	78.817			
14	16 L-PFOA	412.8 > 368.9	2.539e5	1.178e4	0.248		4.18	4.18	269	781.470		3.268	NO
15	1... Total PFOA	412.8 > 368.9	2.539e5	1.178e4	0.248		4.20		269	781.470			
16	21 PFNA	463.0 > 418.8	1.375e3	1.225e4	0.248		4.62	4.62	1.40	4.766		5.369	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	2.673e3		0.248	319.274	3.82	3.82	2670	33.760	67.0		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	2.673e3		0.248	319.274	3.82	3.82	2670	33.760	67.0		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.178e4		0.248	1394.720	4.19	4.18	11800	34.058	67.6		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.178e4		0.248	1394.720	4.19	4.18	11800	34.058	67.6		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.225e4		0.248	1417.984	4.63	4.62	12300	34.840	69.1		
22	-1												
23	23 L-PFOS	499 > 80	2.801e3	3.248e3	0.248		4.70	4.70	10.8	43.178		2.070	NO
24	1... Total PFOS	499 > 80	2.801e3	3.248e3	0.248		4.73		10.8	43.178			
25	25 9Cl-PF30NS	531 > 351.0		3.248e3	0.248		4.91						YES
26	26 PFDA	513 > 468.8		1.284e4	0.248		5.00						YES
27	33 PFUdA	563.0 > 518.9	7.218e1	1.562e4	0.248		5.32	5.32	0.0578	0.209		72.326	NO
28	73 13C8-PFOS-EIS	507.0 > 80	3.248e3		0.248	361.054	4.71	4.70	3250	36.269	72.0		
29	73 13C8-PFOS-EIS	507.0 > 80	3.248e3		0.248	361.054	4.71	4.70	3250	36.269	72.0		
30	73 13C8-PFOS-EIS	507.0 > 80	3.248e3		0.248	361.054	4.71	4.70	3250	36.269	72.0		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.284e4		0.248	1350.069	5.00	5.00	12800	38.345	76.1		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.562e4		0.248	1994.364	5.33	5.32	15600	31.582	62.7		
33	-1												
34	29 L-MeFOSAA	570 > 419		9.266e3	0.248		5.15						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	9.266e3	0.248		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419	5.670e0	7.722e3	0.248		5.30	5.30	0.00918	0.394		1.976	NO

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#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	5.670e0	7.722e3	0.248		5.33		0.00918	0.394			
38	35 11Cl-PF30UdS	630.9 > 450.9		1.823e4	0.248		5.54						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	9.266e3		0.248	1024.448	5.15	5.15	9270	36.470	72.4		
40	79 d3-N-MeFOSAA-EIS	573. > 419	9.266e3		0.248	1024.448	5.15	5.15	9270	36.470	72.4		
41	83 d5-N-EtFOSAA-EIS	589. > 419	7.722e3		0.248	964.220	5.31	5.30	7720	32.288	64.1		
42	83 d5-N-EtFOSAA-EIS	589. > 419	7.722e3		0.248	964.220	5.31	5.30	7720	32.288	64.1		
43	85 13C2-PFDoA-EIS	615 > 570	1.823e4		0.248	2212.380	5.62	5.61	18200	33.225	65.9		
44	-1												
45	37 PFDoA	612.9 > 569.0	2.416e2	1.823e4	0.248		5.61	5.61	0.166	0.172		14.936	NO
46	39 PFTrDA	662.9 > 618.9	1.824e2	1.823e4	0.248		5.86	5.86	0.125	0.494		22.465	NO
47	41 PFTeDA	713.0 > 669.0	2.584e2	1.044e4	0.248		6.07	6.07	0.309	0.986		19.986	NO
48	1... TDCA	498.3>106.9			0.248		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.248e3		0.248	361.054	4.71	4.70	3250	36.269	72.0		
50	85 13C2-PFDoA-EIS	615 > 570	1.823e4		0.248	2212.380	5.62	5.61	18200	33.225	65.9		
51	85 13C2-PFDoA-EIS	615 > 570	1.823e4		0.248	2212.380	5.62	5.61	18200	33.225	65.9		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.044e4		0.248	1536.348	6.08	6.07	10400	27.405	54.4		

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 20 Jul 2020 17:40:21

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

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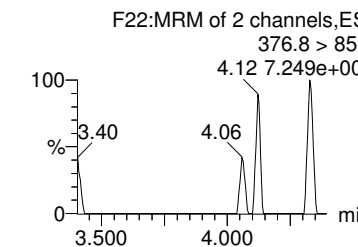
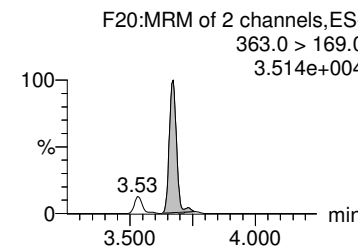
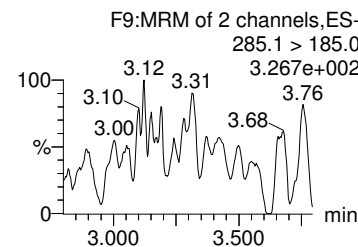
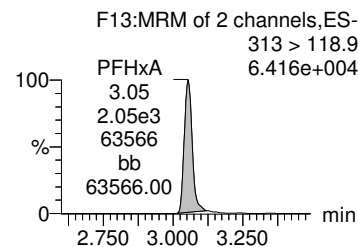
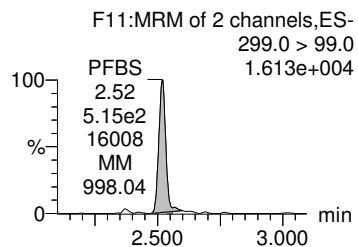
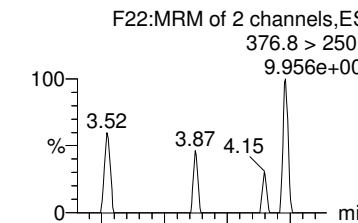
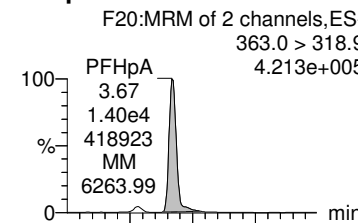
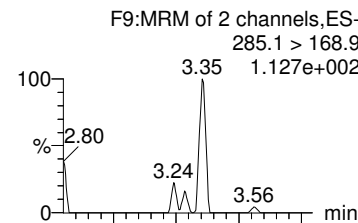
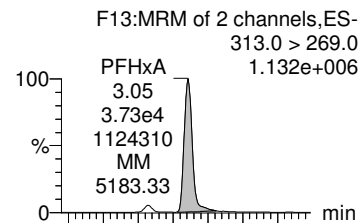
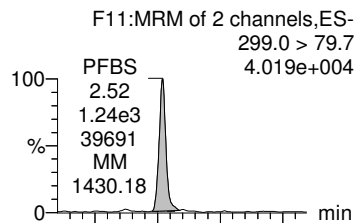
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



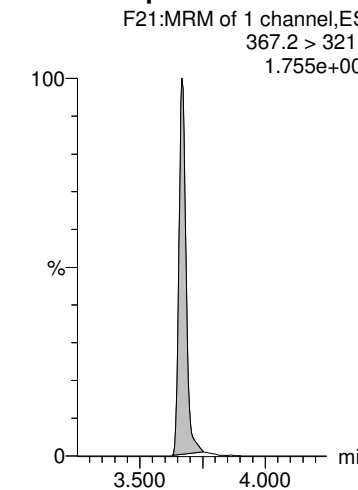
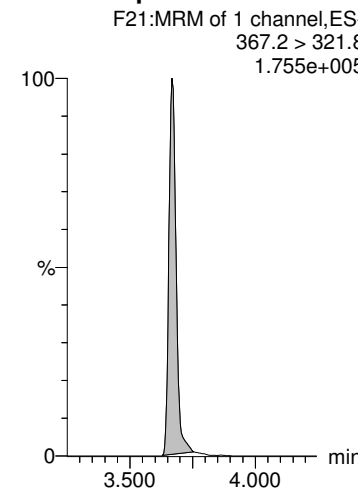
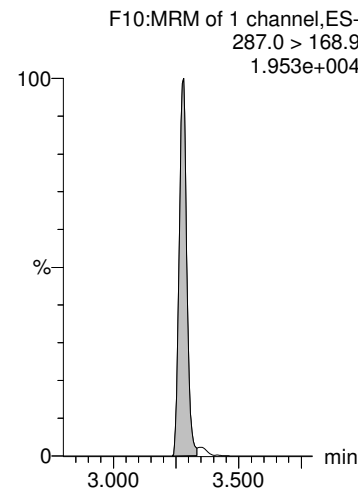
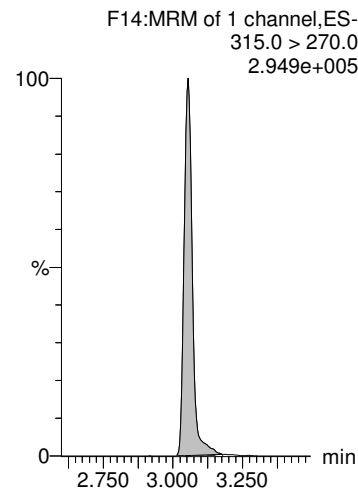
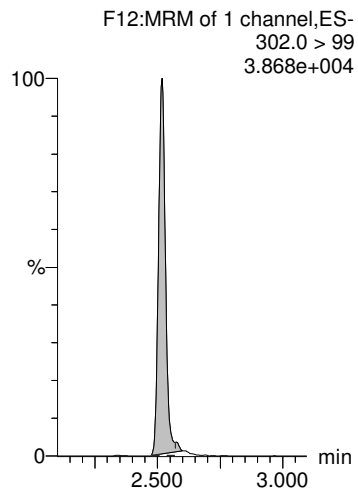
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



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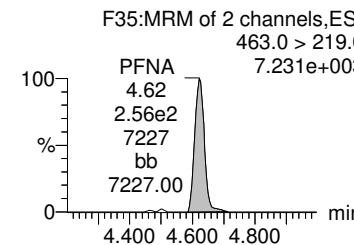
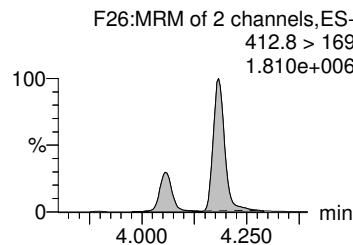
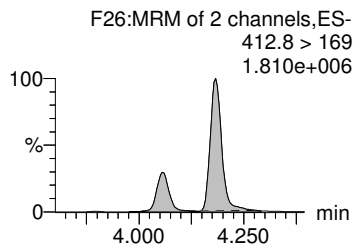
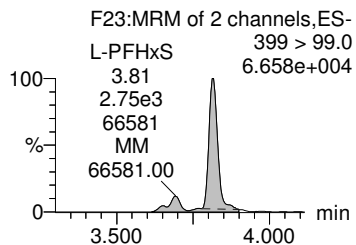
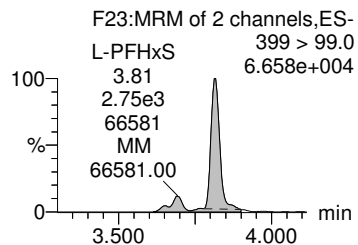
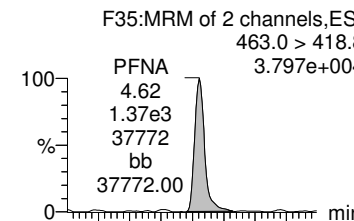
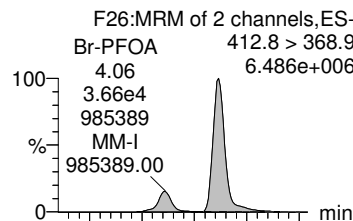
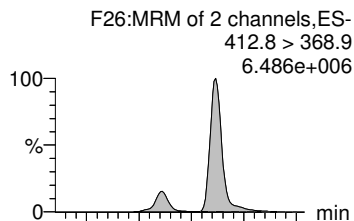
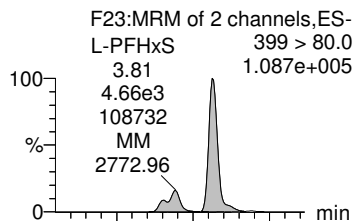
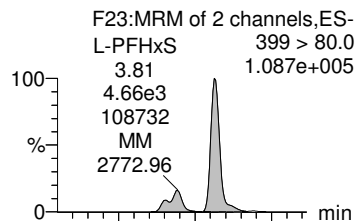
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



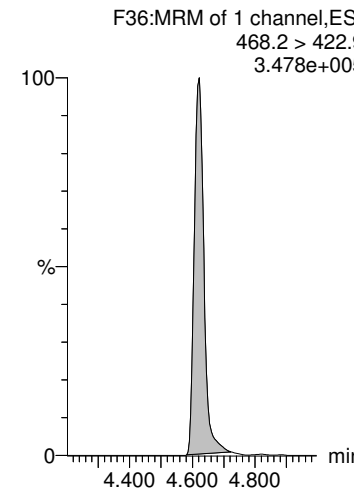
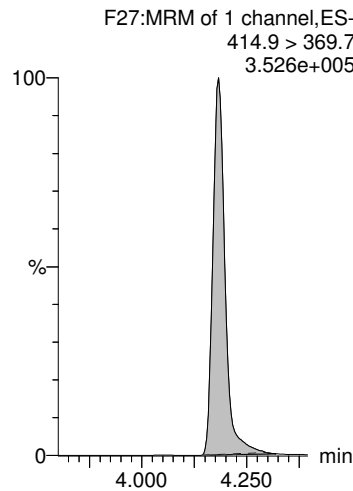
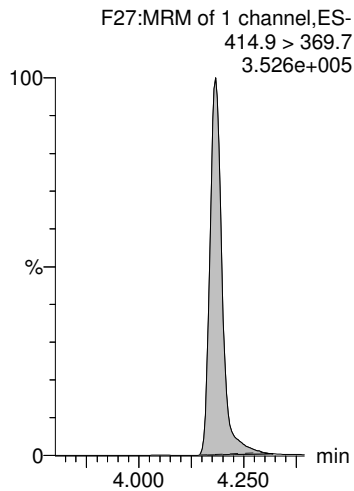
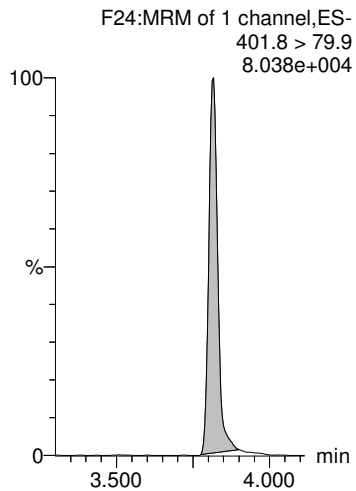
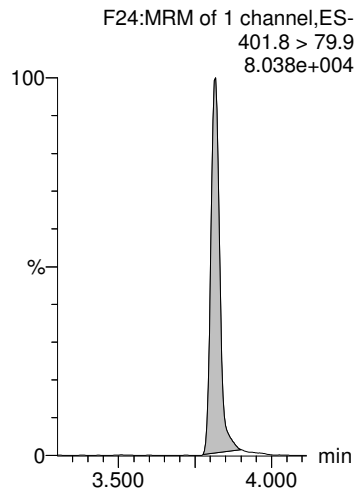
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



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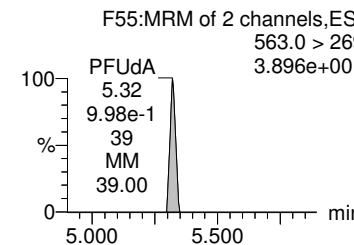
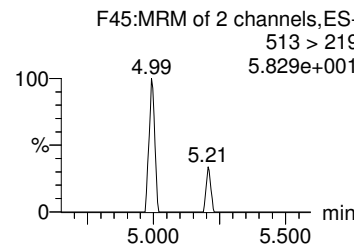
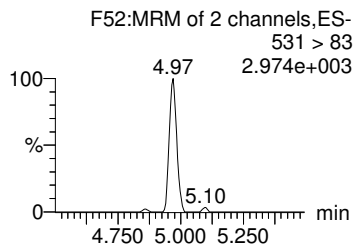
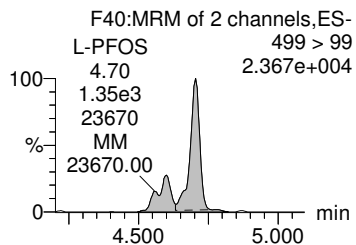
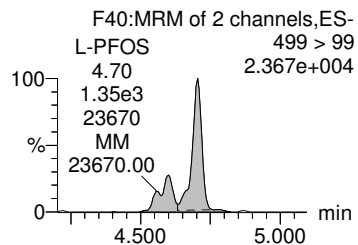
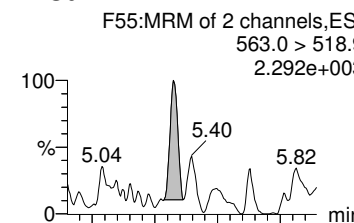
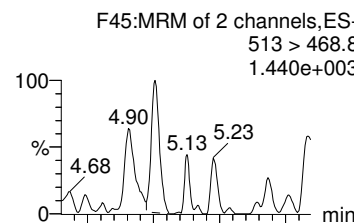
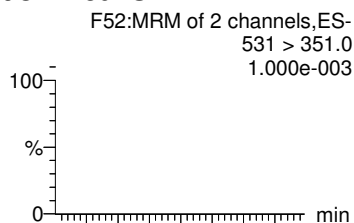
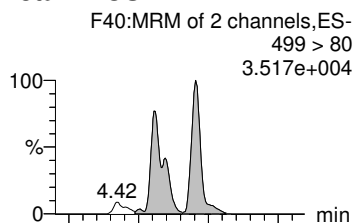
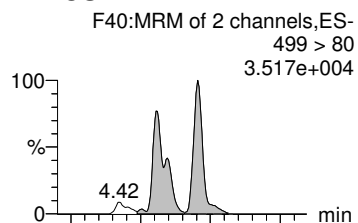
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



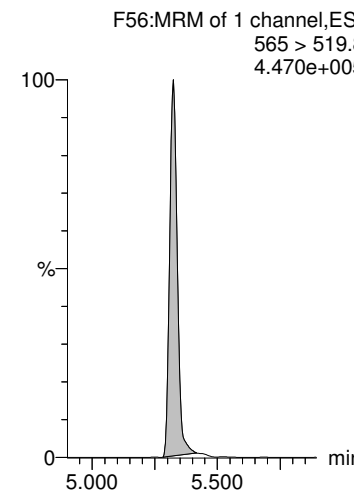
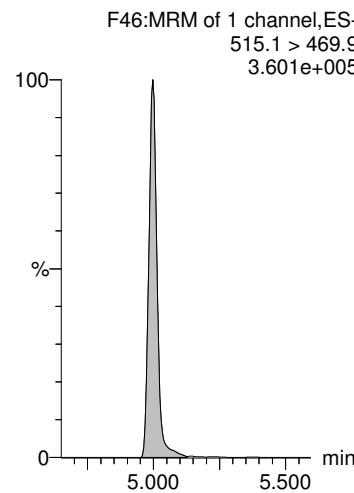
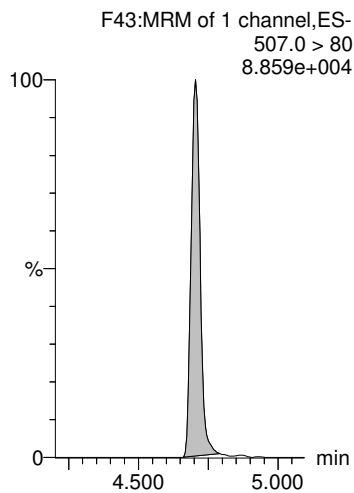
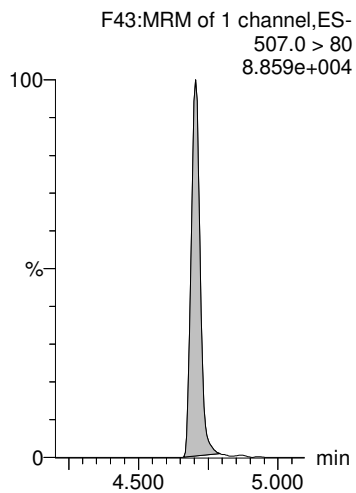
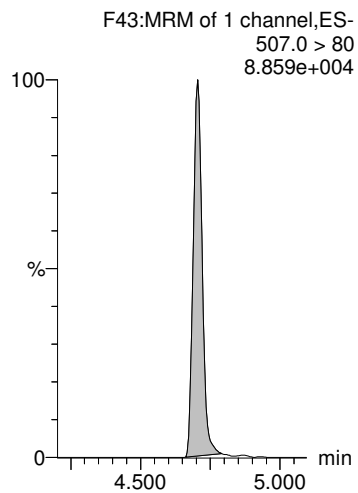
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



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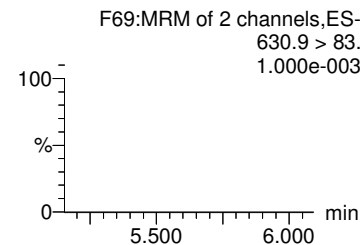
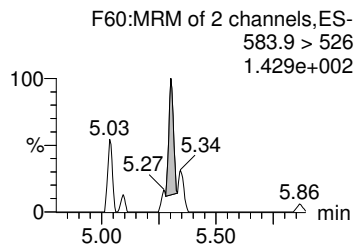
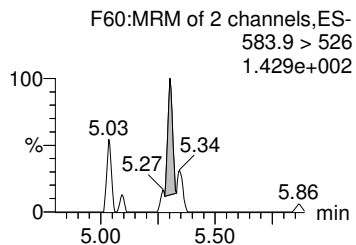
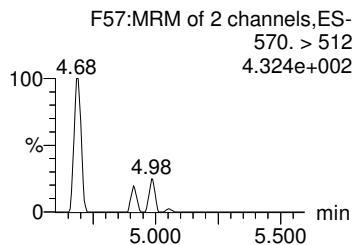
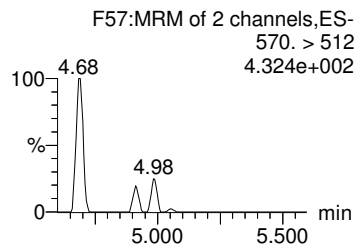
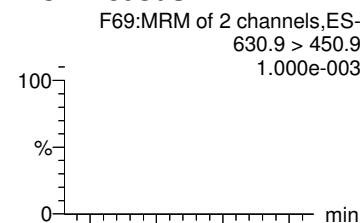
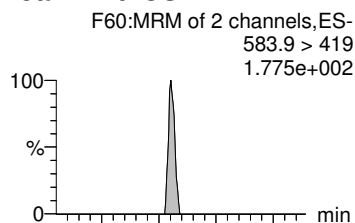
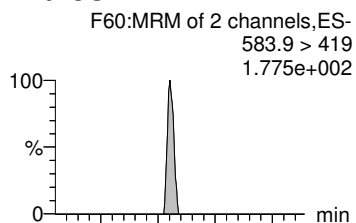
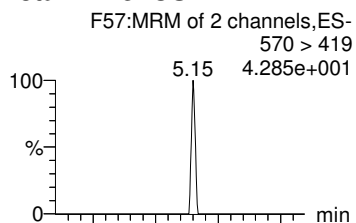
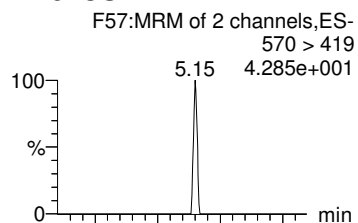
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30UdS



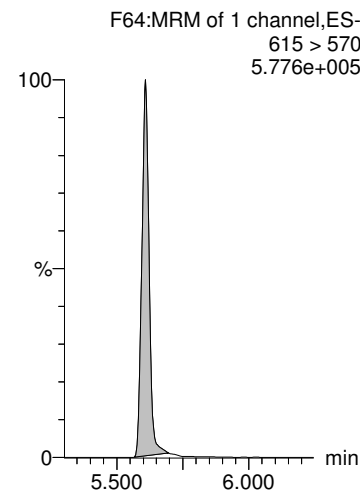
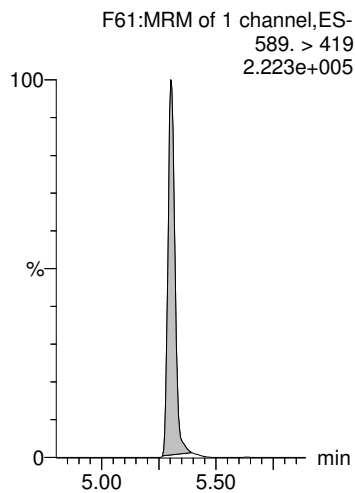
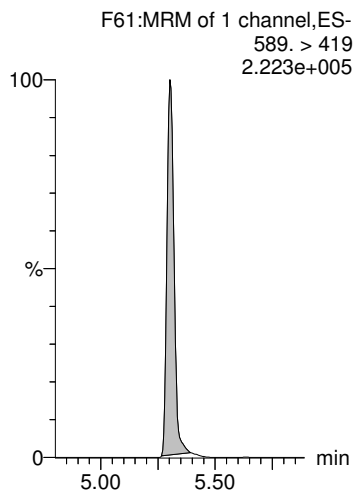
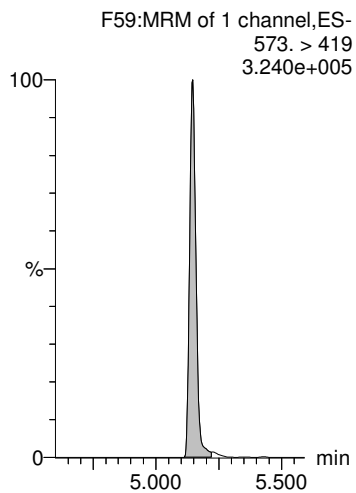
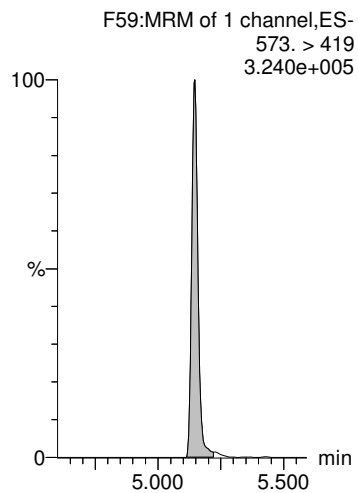
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-78.qld

Last Altered: Monday, July 20, 2020 17:48:26 Pacific Daylight Time

Printed: Monday, July 20, 2020 17:52:48 Pacific Daylight Time

Name: 200714M1_78, Date: 15-Jul-2020, Time: 04:29:20, ID: 2001409-06 IS72MW17D-20200701 0.24802, Description: IS72MW17D-20200701

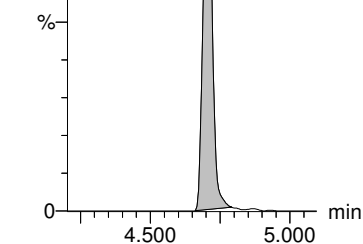
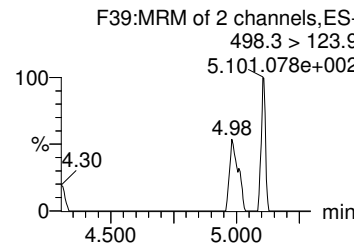
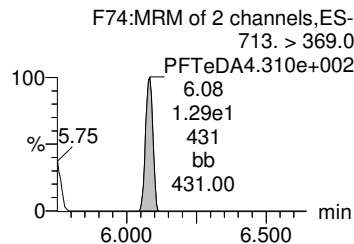
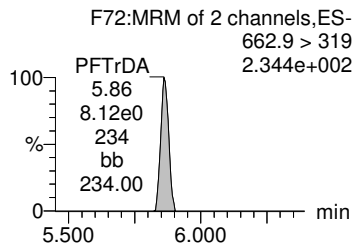
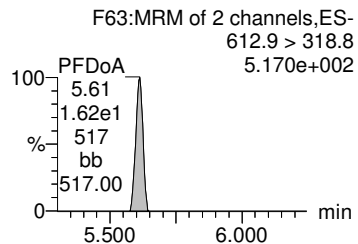
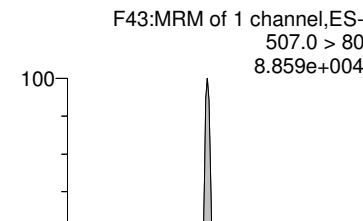
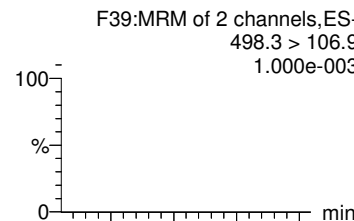
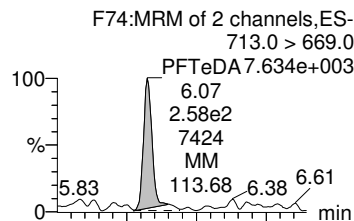
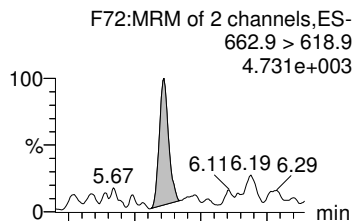
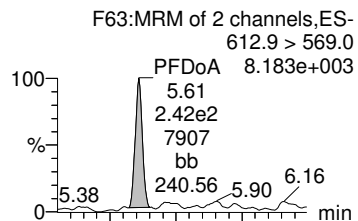
PFDoA

PFTTrDA

PFTeDA

TDCA

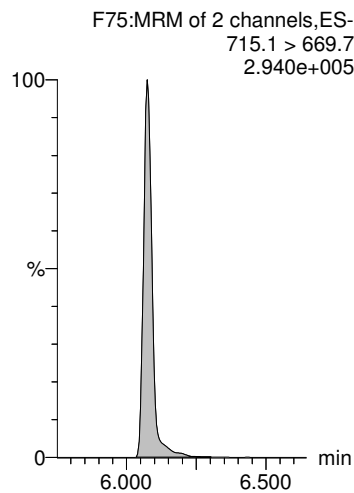
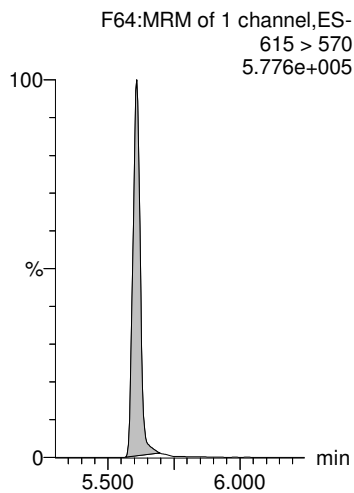
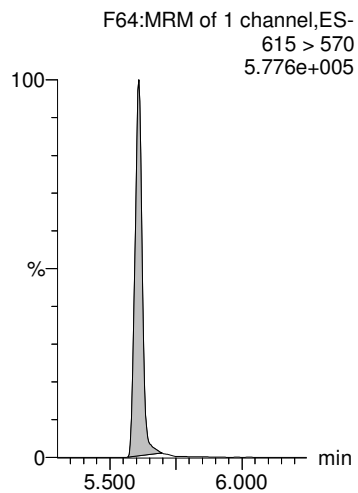
13C8-PFOS-EIS



13C2-PFDoA-EIS

13C2-PFDoA-EIS

13C2-PFTeDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-79.qld

Last Altered: Monday, July 20, 2020 18:02:41 Pacific Daylight Time
 Printed: Monday, July 20, 2020 18:03:07 Pacific Daylight Time

Name: 200714M1_79, Date: 15-Jul-2020, Time: 04:39:42, ID: 2001409-07 DUP03-20200701 0.24473, Description: DUP03-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	1.390e3	1.280e3	0.245		2.51	2.52	13.6	28.534		2.596	NO
2	7 PFHxA	313.0 > 269.0	3.991e4	1.045e4	0.245		3.05	3.05	47.7	189.498		18.997	NO
3	9 HFPO-DA	285.1 > 168.9		7.902e2	0.245		3.28						YES
4	11 PFHpA	363.0 > 318.9	1.473e4	6.298e3	0.245		3.67	3.67	29.2	94.474		12.908	NO
5	12 ADONA	376.8 > 250.9		6.298e3	0.245		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.280e3		0.245	127.271	2.52	2.51	1280	41.088	80.4		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.045e4		0.245	1154.290	3.05	3.05	10500	36.999	72.4		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	7.902e2		0.245	101.036	3.28	3.28	790	31.959	62.6		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	6.298e3		0.245	686.728	3.67	3.67	6300	37.475	73.4		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	6.298e3		0.245	686.728	3.67	3.67	6300	37.475	73.4		
11	-1												
12	13 L-PFHxS	399 > 80.0	5.225e3	3.243e3	0.245		3.82	3.82	20.1	73.738		1.741	NO
13	1... Total PFHxS	399 > 80	5.225e3	3.243e3	0.245		3.83		20.1	73.738			
14	16 L-PFOA	412.8 > 368.9	2.638e5	1.281e4	0.245		4.18	4.18	257	755.480		3.373	NO
15	1... Total PFOA	412.8 > 368.9	2.638e5	1.281e4	0.245		4.20		257	755.480			
16	21 PFNA	463.0 > 418.8	1.584e3	1.252e4	0.245		4.62	4.62	1.58	5.456		6.334	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	3.243e3		0.245	319.274	3.82	3.82	3240	41.506	81.3		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	3.243e3		0.245	319.274	3.82	3.82	3240	41.506	81.3		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.281e4		0.245	1394.720	4.19	4.18	12800	37.542	73.5		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.281e4		0.245	1394.720	4.19	4.18	12800	37.542	73.5		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.252e4		0.245	1417.984	4.63	4.62	12500	36.083	70.6		
22	-1												
23	23 L-PFOS	499 > 80	3.081e3	3.738e3	0.245		4.70	4.70	10.3	41.813		2.232	NO
24	1... Total PFOS	499 > 80	3.081e3	3.738e3	0.245		4.73		10.3	41.813			
25	25 9CI-PF30NS	531 > 351.0		3.738e3	0.245		4.91						YES
26	26 PFDA	513 > 468.8		1.257e4	0.245		5.00						YES
27	33 PFUdA	563.0 > 518.9	1.245e2	1.703e4	0.245		5.32	5.33	0.0913	0.361		12.576	NO
28	73 13C8-PFOS-EIS	507.0 > 80	3.738e3		0.245	361.054	4.71	4.70	3740	42.307	82.8		
29	73 13C8-PFOS-EIS	507.0 > 80	3.738e3		0.245	361.054	4.71	4.70	3740	42.307	82.8		
30	73 13C8-PFOS-EIS	507.0 > 80	3.738e3		0.245	361.054	4.71	4.70	3740	42.307	82.8		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.257e4		0.245	1350.069	5.00	5.00	12600	38.034	74.5		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.703e4		0.245	1994.364	5.33	5.32	17000	34.901	68.3		
33	-1												
34	29 L-MeFOSAA	570 > 419		9.875e3	0.245		5.15						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	9.875e3	0.245		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419		8.728e3	0.245		5.31						YES

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-79.qld

Last Altered: Monday, July 20, 2020 18:02:41 Pacific Daylight Time

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Name: 200714M1_79, Date: 15-Jul-2020, Time: 04:39:42, ID: 2001409-07 DUP03-20200701 0.24473, Description: DUP03-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	0.000e0	8.728e3	0.245		5.33		0.000				
38	35 11Cl-PF30UdS	630.9 > 450.9		2.137e4	0.245		5.55						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	9.875e3		0.245	1024.448	5.15	5.15	9870	39.386	77.1		
40	79 d3-N-MeFOSAA-EIS	573. > 419	9.875e3		0.245	1024.448	5.15	5.15	9870	39.386	77.1		
41	83 d5-N-EtFOSAA-EIS	589. > 419	8.728e3		0.245	964.220	5.31	5.31	8730	36.988	72.4		
42	83 d5-N-EtFOSAA-EIS	589. > 419	8.728e3		0.245	964.220	5.31	5.31	8730	36.988	72.4		
43	85 13C2-PFDoA-EIS	615 > 570	2.137e4		0.245	2212.380	5.62	5.61	21400	39.469	77.3		
44	-1												
45	37 PFDoA	612.9 > 569.0	3.133e2	2.137e4	0.245		5.61	5.61	0.183	0.248		11.068	NO
46	39 PFTrDA	662.9 > 618.9	1.975e2	2.137e4	0.245		5.87	5.86	0.116	0.458		9.094	NO
47	41 PFTeDA	713.0 > 669.0	2.651e2	1.174e4	0.245		6.08	6.08	0.282	0.929		21.115	NO
48	1... TDCA	498.3>106.9			0.245		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.738e3		0.245	361.054	4.71	4.70	3740	42.307	82.8		
50	85 13C2-PFDoA-EIS	615 > 570	2.137e4		0.245	2212.380	5.62	5.61	21400	39.469	77.3		
51	85 13C2-PFDoA-EIS	615 > 570	2.137e4		0.245	2212.380	5.62	5.61	21400	39.469	77.3		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.174e4		0.245	1536.348	6.08	6.08	11700	31.233	61.1		

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-79.qld

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 20 Jul 2020 17:54:58
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_79, Date: 15-Jul-2020, Time: 04:39:42, ID: 2001409-07 DUP03-20200701 0.24473, Description: DUP03-20200701

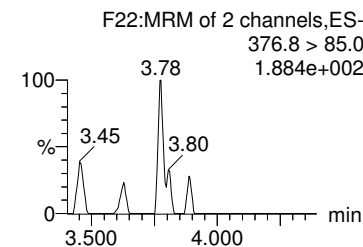
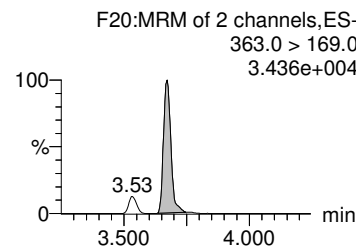
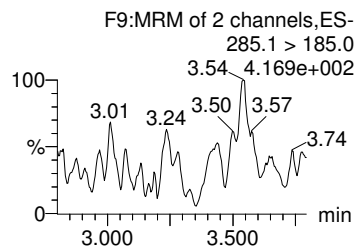
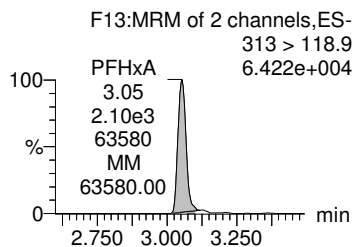
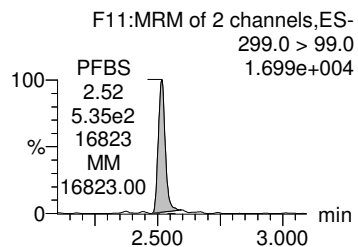
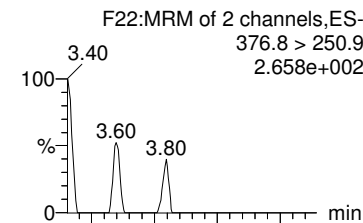
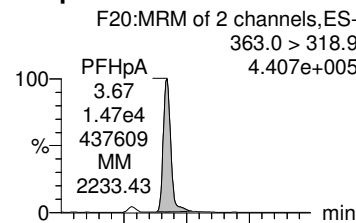
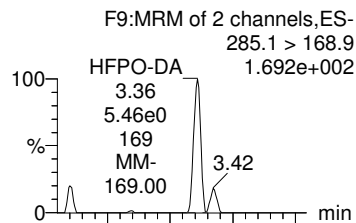
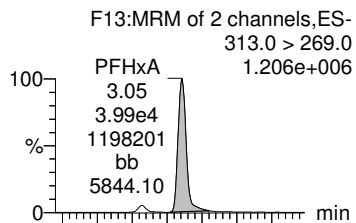
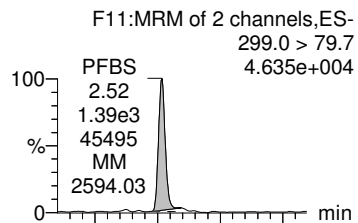
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



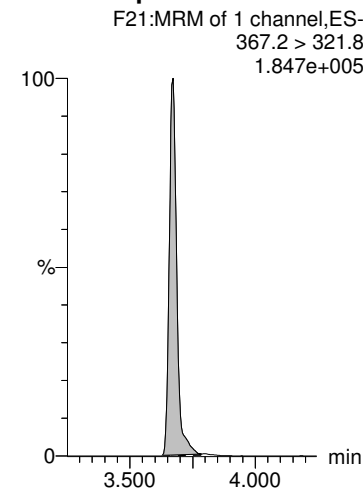
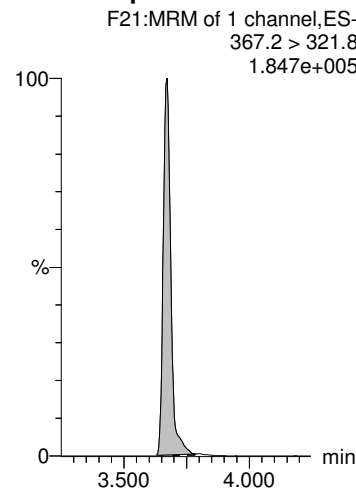
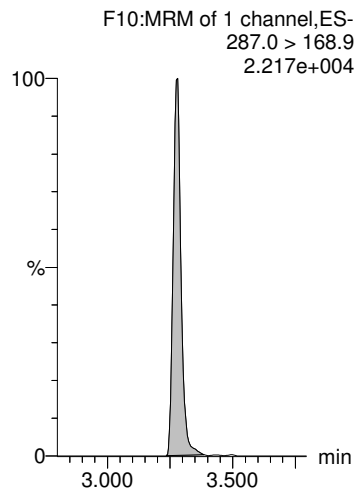
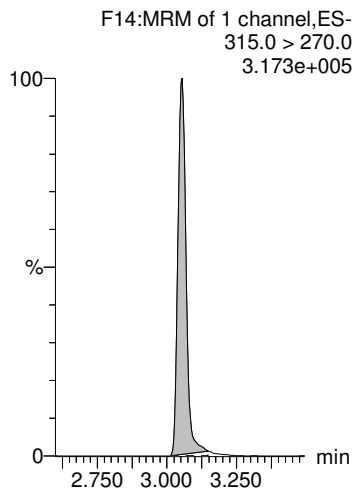
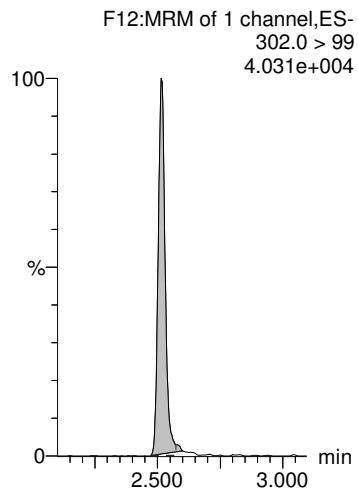
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-79.qld

Last Altered: Monday, July 20, 2020 18:02:41 Pacific Daylight Time

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Name: 200714M1_79, Date: 15-Jul-2020, Time: 04:39:42, ID: 2001409-07 DUP03-20200701 0.24473, Description: DUP03-20200701

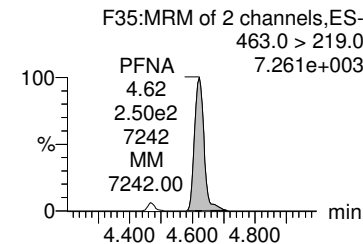
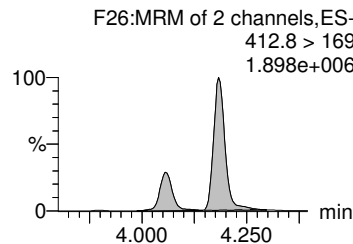
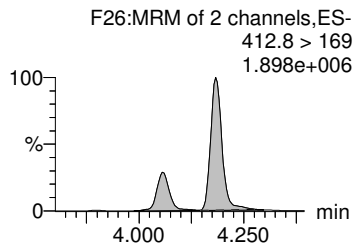
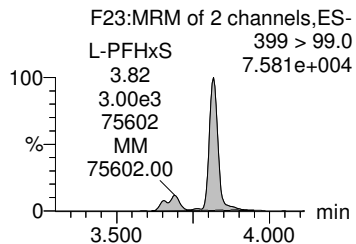
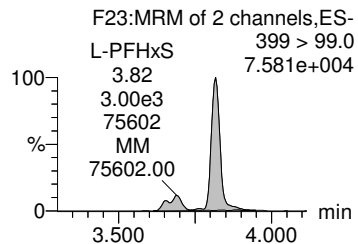
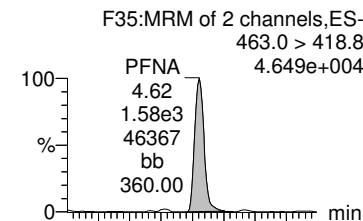
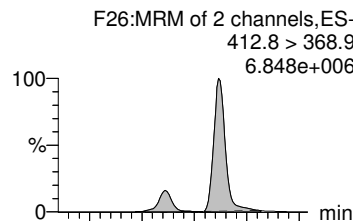
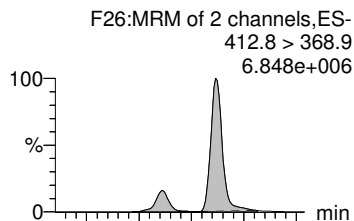
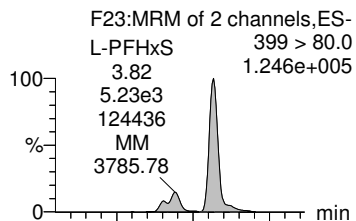
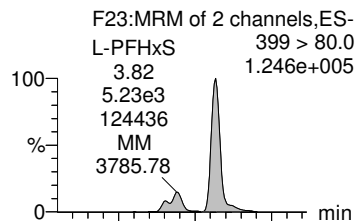
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



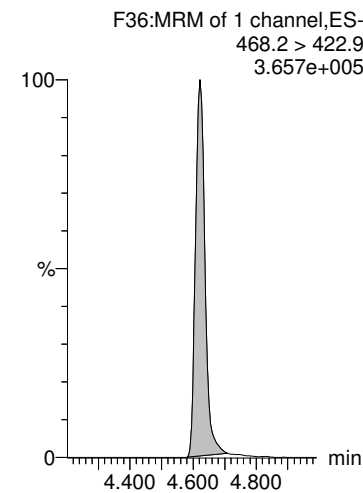
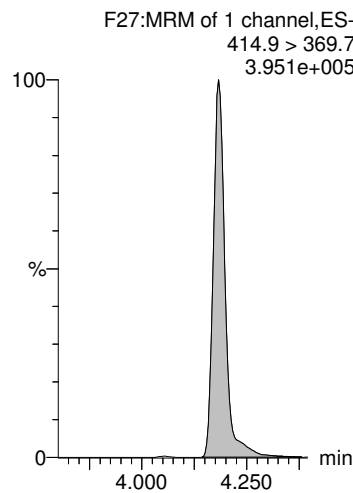
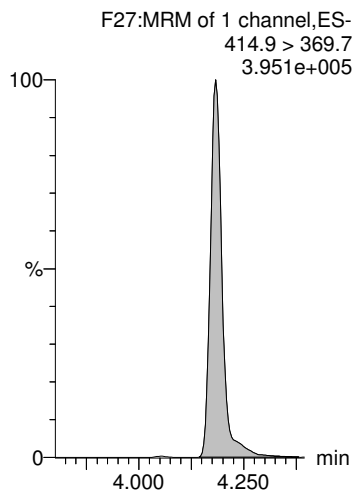
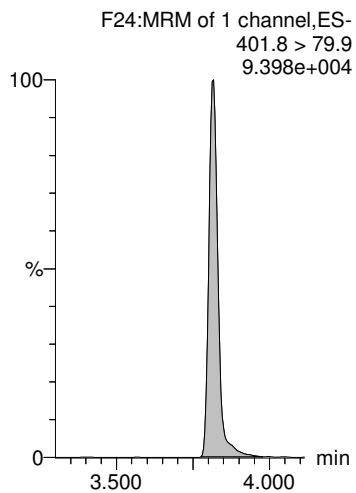
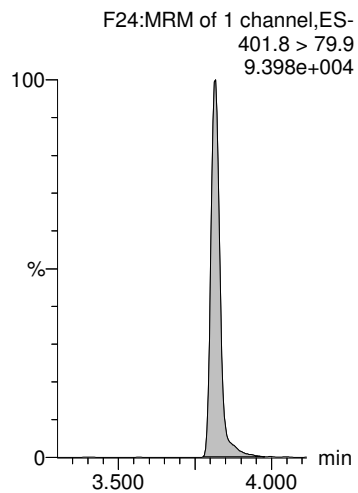
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-79.qld

Last Altered: Monday, July 20, 2020 18:02:41 Pacific Daylight Time

Printed: Monday, July 20, 2020 18:03:07 Pacific Daylight Time

Name: 200714M1_79, Date: 15-Jul-2020, Time: 04:39:42, ID: 2001409-07 DUP03-20200701 0.24473, Description: DUP03-20200701

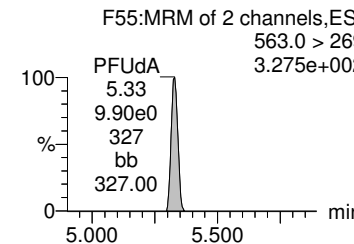
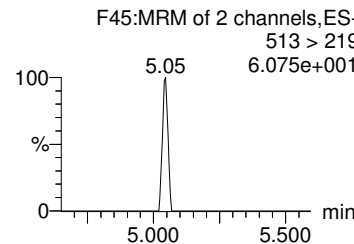
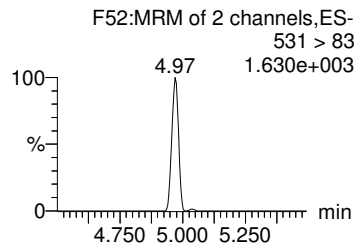
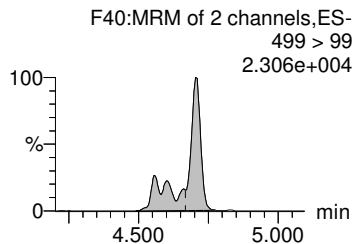
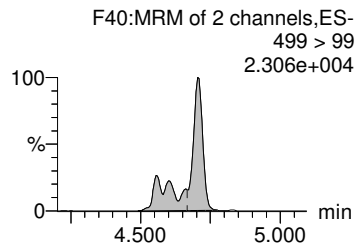
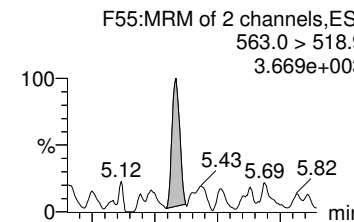
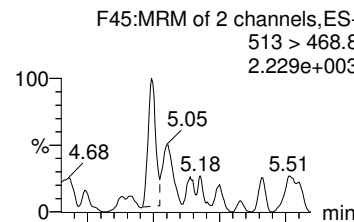
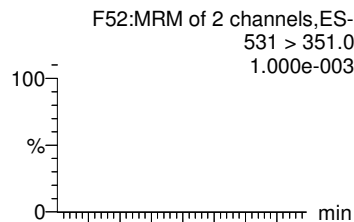
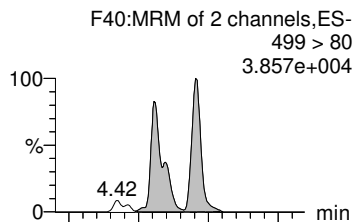
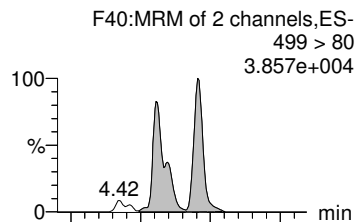
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



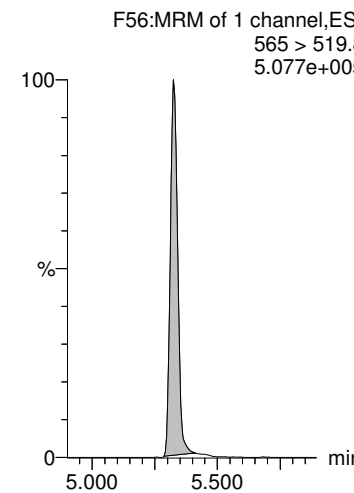
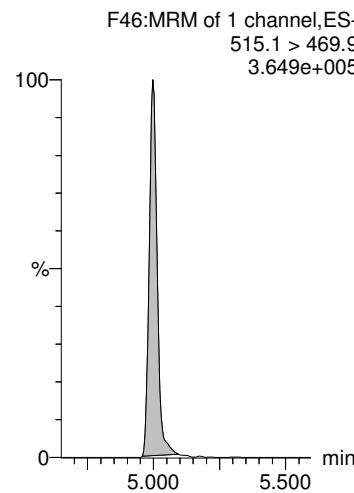
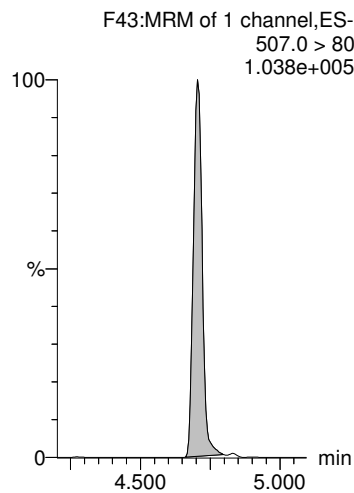
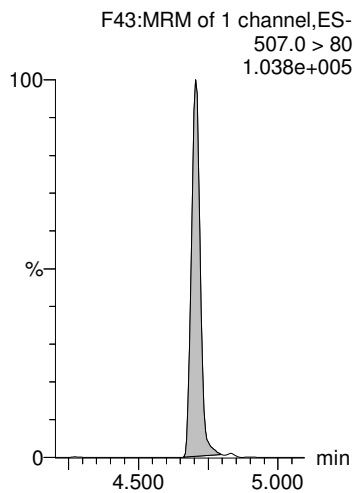
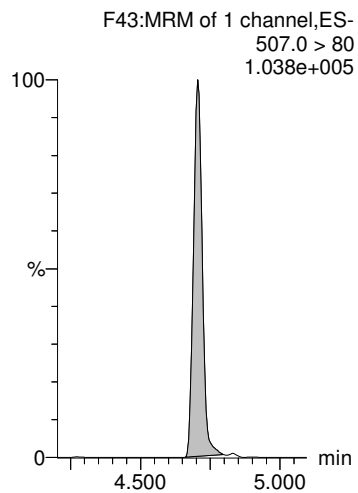
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-79.qld

Last Altered: Monday, July 20, 2020 18:02:41 Pacific Daylight Time

Printed: Monday, July 20, 2020 18:03:07 Pacific Daylight Time

Name: 200714M1_79, Date: 15-Jul-2020, Time: 04:39:42, ID: 2001409-07 DUP03-20200701 0.24473, Description: DUP03-20200701

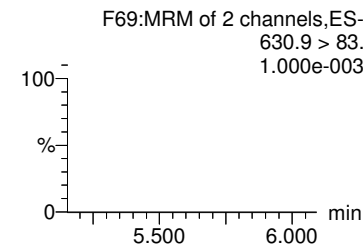
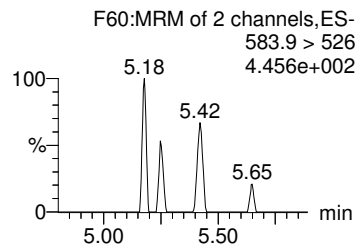
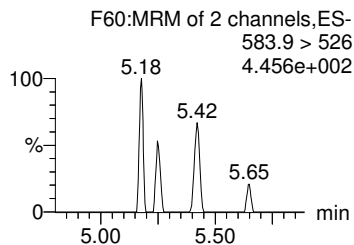
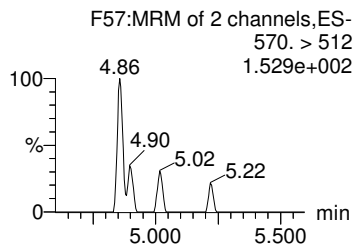
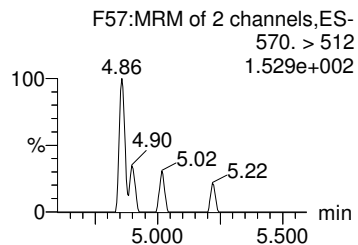
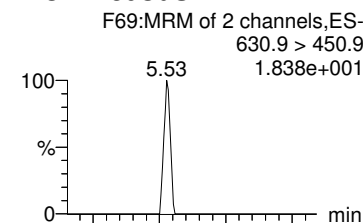
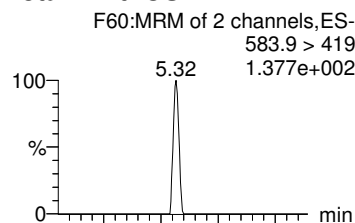
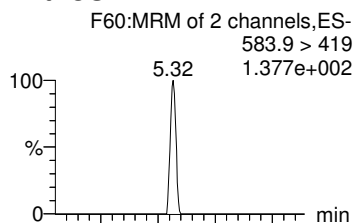
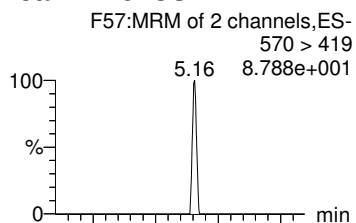
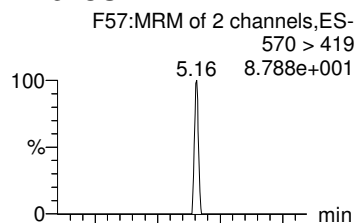
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30UdS



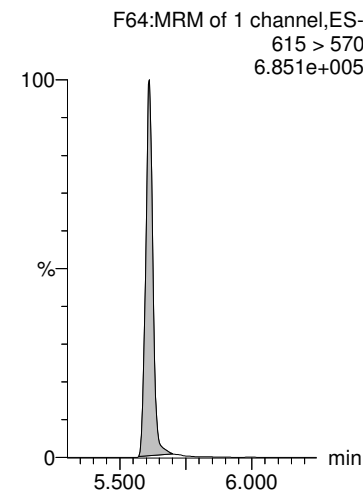
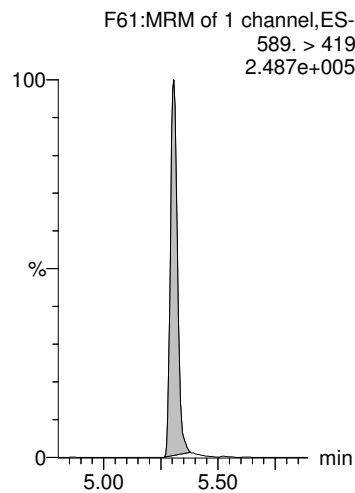
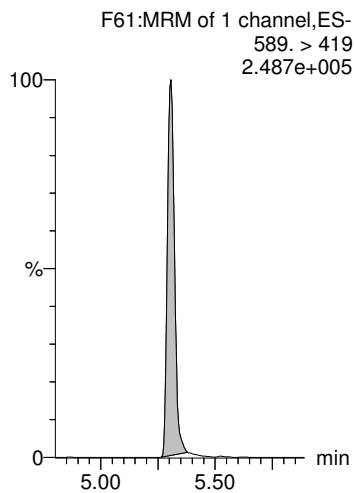
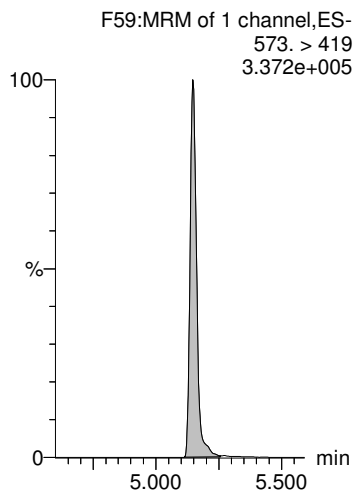
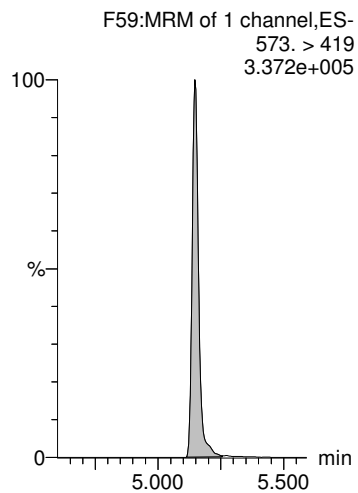
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-79.qld

Last Altered: Monday, July 20, 2020 18:02:41 Pacific Daylight Time

Printed: Monday, July 20, 2020 18:03:07 Pacific Daylight Time

Name: 200714M1_79, Date: 15-Jul-2020, Time: 04:39:42, ID: 2001409-07 DUP03-20200701 0.24473, Description: DUP03-20200701

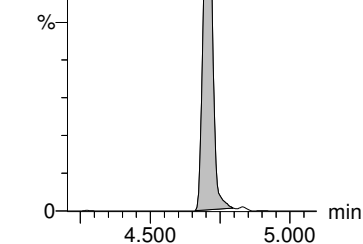
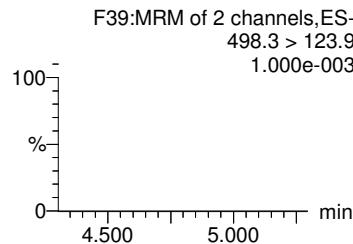
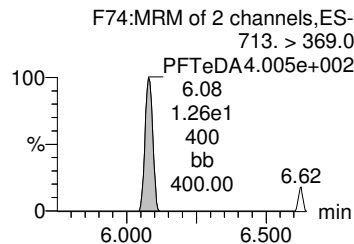
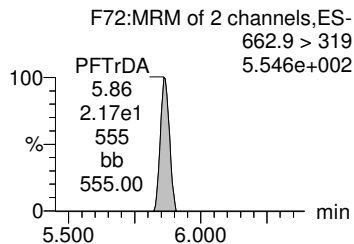
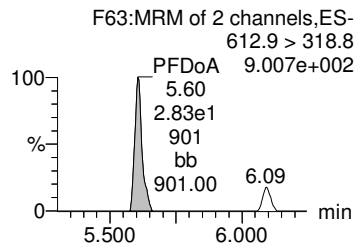
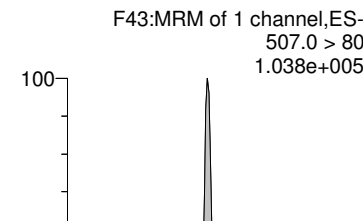
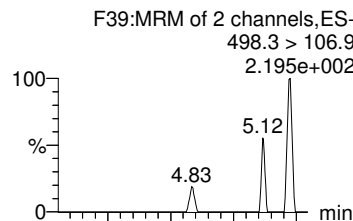
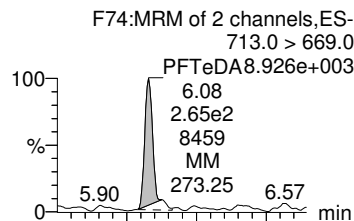
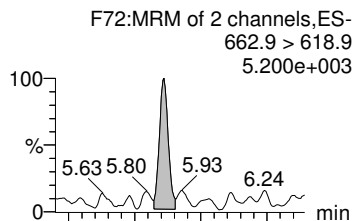
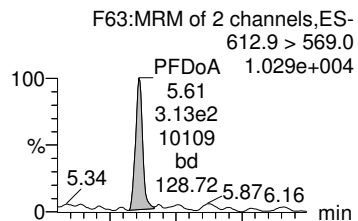
PFDoA

PFTTrDA

PFTeDA

TDCA

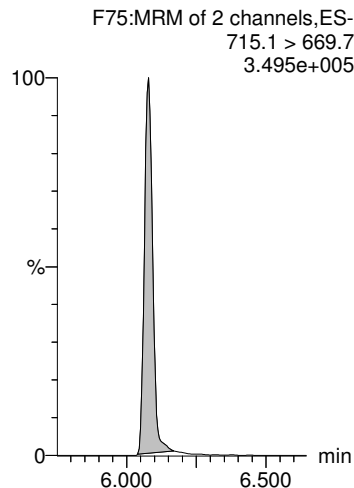
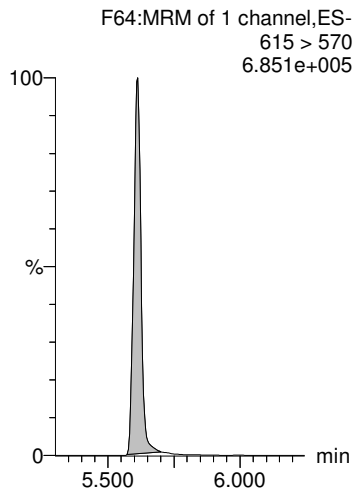
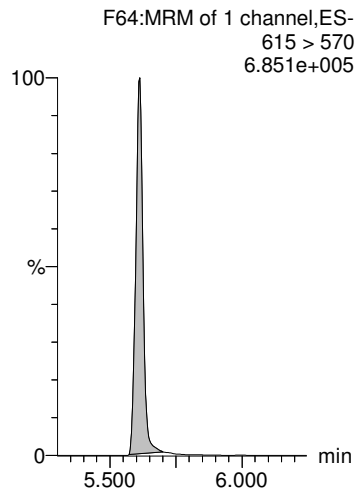
13C8-PFOS-EIS



13C2-PFDoA-EIS

13C2-PFDoA-EIS

13C2-PFTeDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-80.qld

Last Altered: Wednesday, July 22, 2020 16:01:14 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 16:01:45 Pacific Daylight Time

*See Dilution

Name: 200714M1_80, Date: 15-Jul-2020, Time: 04:50:05, ID: 2001409-08 I003MW01D-20200701 0.25006, Description: I003MW01D-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	4.275e4	1.128e3	0.250		2.51	2.51	474	981.699		2.596	NO
2	7 PFHxA	313.0 > 269.0	7.004e5	8.645e3	0.250		3.05	3.05	1010	4323.135 *E		16.709	NO
3	9 HFPO-DA	285.1 > 168.9		7.511e2	0.250		3.27						YES
4	11 PFHpA	363.0 > 318.9	1.210e5	5.793e3	0.250		3.67	3.67	261	852.783		11.465	NO
5	12 ADONA	376.8 > 250.9		5.793e3	0.250		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.128e3		0.250	127.271	2.52	2.51	1130	35.458	70.9		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	8.645e3		0.250	1154.290	3.05	3.05	8640	29.950	59.9		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	7.511e2		0.250	101.036	3.28	3.27	751	29.729	59.5		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	5.793e3		0.250	686.728	3.67	3.67	5790	33.732	67.5		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	5.793e3		0.250	686.728	3.67	3.67	5790	33.732	67.5		
11	-1												
12	13 L-PFHxS	399 > 80.0	2.401e5	2.025e3	0.250		3.81	3.81	1480	6565.630 *E		1.687	NO
13	1... Total PFHxS	399 > 80	2.401e5	2.025e3	0.250		3.83		1480	6565.630			
14	16 L-PFOA	412.8 > 368.9	2.890e6	8.563e3	0.250		4.18	4.18	4220		*E	3.281	NO
15	1... Total PFOA	412.8 > 368.9	2.890e6	8.563e3	0.250		4.20		0.000				
16	21 PFNA	463.0 > 418.8	3.941e3	1.093e4	0.250		4.62	4.62	4.51	15.342		4.074	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	2.025e3		0.250	319.274	3.82	3.81	2020	25.362	50.7		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	2.025e3		0.250	319.274	3.82	3.81	2020	25.362	50.7		
19	69 13C2-PFOA-EIS	414.9 > 369.7	8.563e3		0.250	1394.720	4.19	4.18	8560	24.552	49.1		
20	69 13C2-PFOA-EIS	414.9 > 369.7	8.563e3		0.250	1394.720	4.19	4.18	8560	24.552	49.1		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.093e4		0.250	1417.984	4.63	4.62	10900	30.819	61.7		
22	-1												
23	23 L-PFOS	499 > 80	1.883e5	2.922e3	0.250		4.70	4.70	806	3440.537 *E		2.178	NO
24	1... Total PFOS	499 > 80	1.883e5	2.922e3	0.250		4.73		806	3440.537			
25	25 9Cl-PF30NS	531 > 351.0		2.922e3	0.250		4.91						YES
26	26 PFDA	513 > 468.8	3.560e2	1.220e4	0.250		4.99	5.00	0.365	0.869		10.298	YES
27	33 PFUdA	563.0 > 518.9		1.554e4	0.250		5.32						YES
28	73 13C8-PFOS-EIS	507.0 > 80	2.922e3		0.250	361.054	4.71	4.70	2920	32.367	64.8		
29	73 13C8-PFOS-EIS	507.0 > 80	2.922e3		0.250	361.054	4.71	4.70	2920	32.367	64.8		
30	73 13C8-PFOS-EIS	507.0 > 80	2.922e3		0.250	361.054	4.71	4.70	2920	32.367	64.8		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.220e4		0.250	1350.069	5.00	4.99	12200	36.138	72.3		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.554e4		0.250	1994.364	5.33	5.32	15500	31.161	62.3		
33	-1												
34	29 L-MeFOSAA	570 > 419	2.877e0	9.071e3	0.250		5.14	5.15	0.00396	0.345		3.057	NO
35	1... Total N-MeFOSAA	570. > 419	2.877e0	9.071e3	0.250		5.17		0.00396	0.345			
36	31 L-EtFOSAA	583.9 > 419		6.924e3	0.250		5.30						YES

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-80.qld

Last Altered: Wednesday, July 22, 2020 16:01:14 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 16:01:45 Pacific Daylight Time

Name: 200714M1_80, Date: 15-Jul-2020, Time: 04:50:05, ID: 2001409-08 I003MW01D-20200701 0.25006, Description: I003MW01D-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	0.000e0	6.924e3	0.250		5.33		0.000				
38	35 11Cl-PF30UdS	630.9 > 450.9		1.867e4	0.250		5.54						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	9.071e3		0.250	1024.448	5.15	5.14	9070	35.411	70.8		
40	79 d3-N-MeFOSAA-EIS	573. > 419	9.071e3		0.250	1024.448	5.15	5.14	9070	35.411	70.8		
41	83 d5-N-EtFOSAA-EIS	589. > 419	6.924e3		0.250	964.220	5.31	5.30	6920	28.715	57.4		
42	83 d5-N-EtFOSAA-EIS	589. > 419	6.924e3		0.250	964.220	5.31	5.30	6920	28.715	57.4		
43	85 13C2-PFDoA-EIS	615 > 570	1.867e4		0.250	2212.380	5.62	5.61	18700	33.751	67.5		
44	-1												
45	37 PFDoA	612.9 > 569.0		1.867e4	0.250		5.61						YES
46	39 PFTrDA	662.9 > 618.9		1.867e4	0.250		5.86						YES
47	41 PFTeDA	713.0 > 669.0		1.179e4	0.250		6.07						YES
48	1... TDCA	498.3>106.9			0.250		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	2.922e3		0.250	361.054	4.71	4.70	2920	32.367	64.8		
50	85 13C2-PFDoA-EIS	615 > 570	1.867e4		0.250	2212.380	5.62	5.61	18700	33.751	67.5		
51	85 13C2-PFDoA-EIS	615 > 570	1.867e4		0.250	2212.380	5.62	5.61	18700	33.751	67.5		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.179e4		0.250	1536.348	6.08	6.07	11800	30.685	61.4		

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-80.qld

Last Altered: Wednesday, July 22, 2020 16:01:14 Pacific Daylight Time

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 22 Jul 2020 15:56:37

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_80, Date: 15-Jul-2020, Time: 04:50:05, ID: 2001409-08 I003MW01D-20200701 0.25006, Description: I003MW01D-20200701

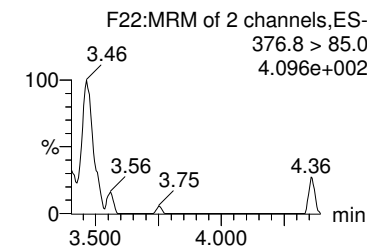
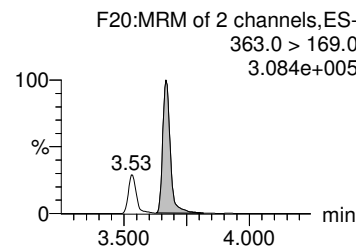
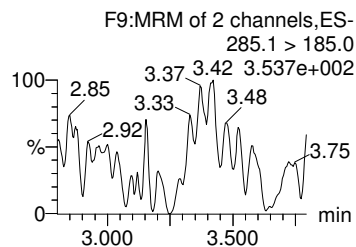
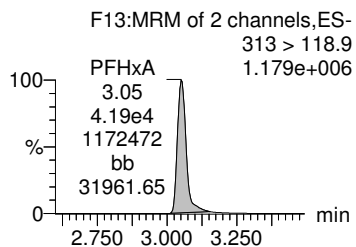
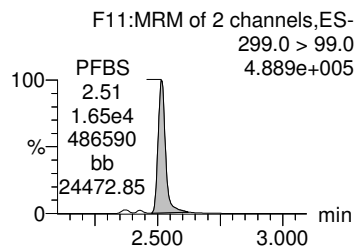
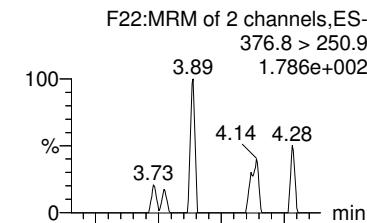
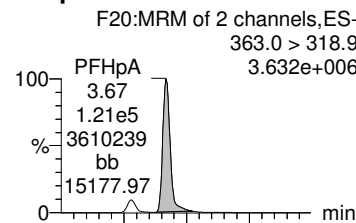
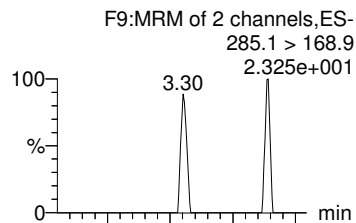
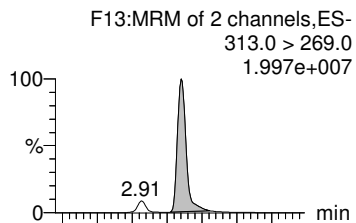
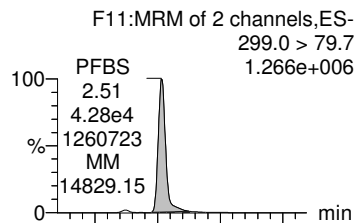
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



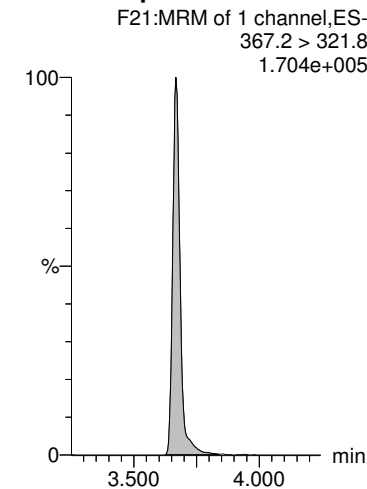
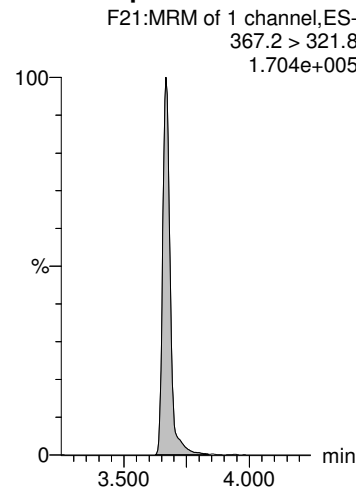
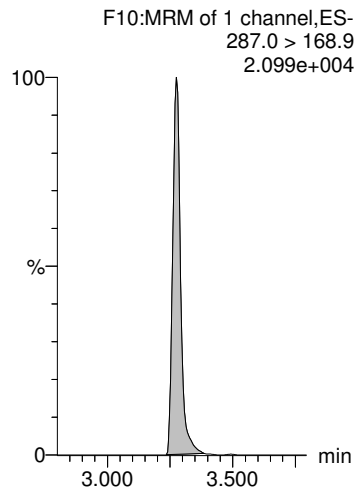
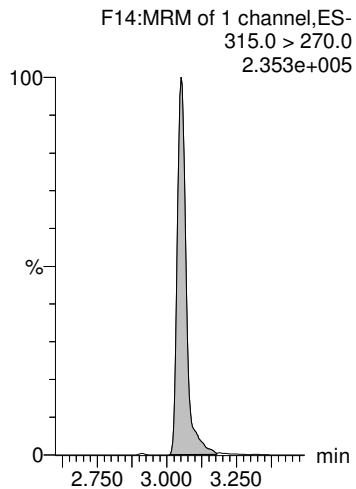
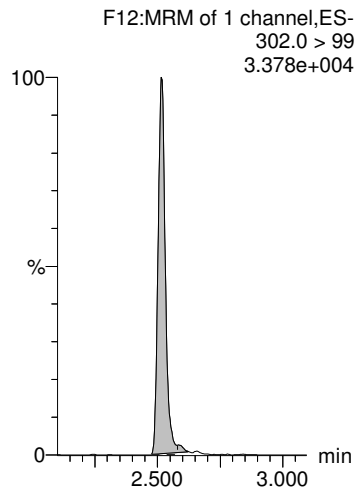
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-80.qld

Last Altered: Wednesday, July 22, 2020 16:01:14 Pacific Daylight Time

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Name: 200714M1_80, Date: 15-Jul-2020, Time: 04:50:05, ID: 2001409-08 I003MW01D-20200701 0.25006, Description: I003MW01D-20200701

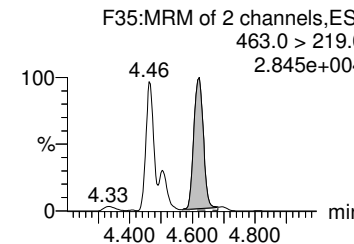
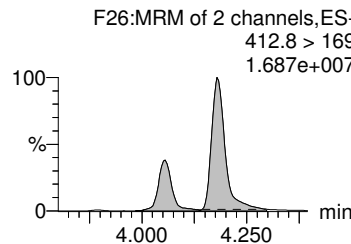
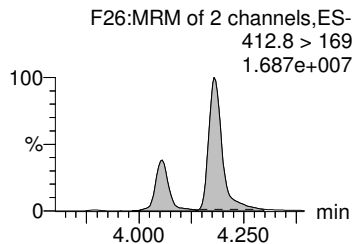
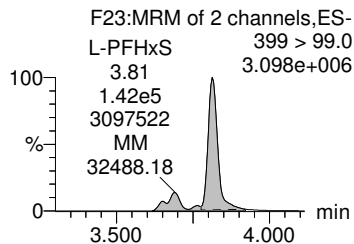
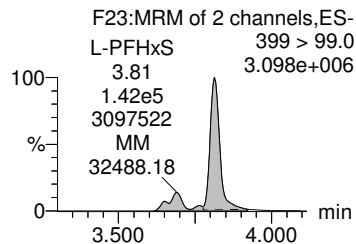
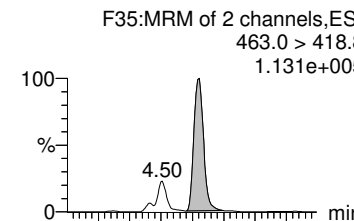
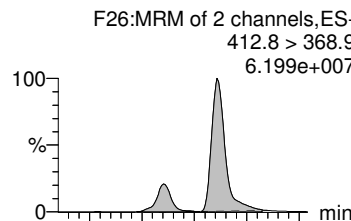
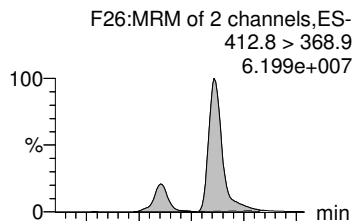
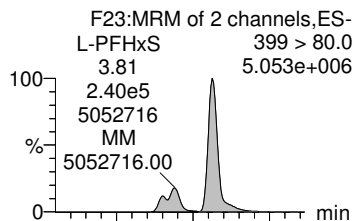
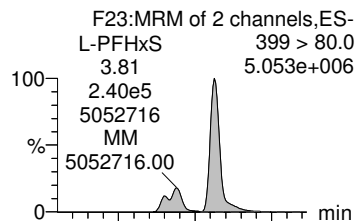
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



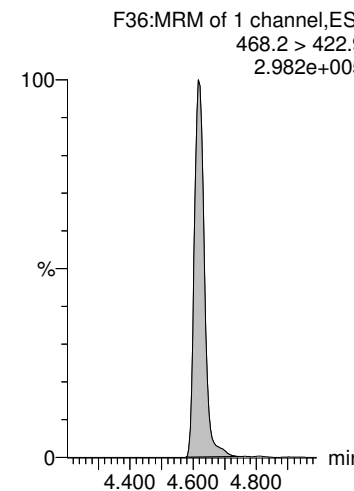
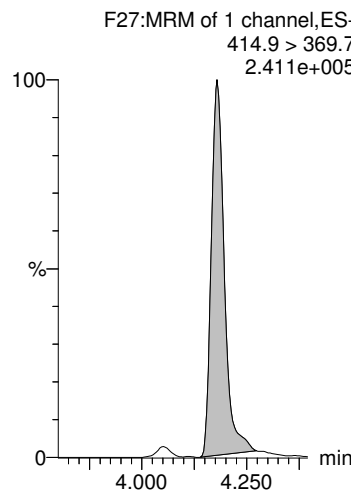
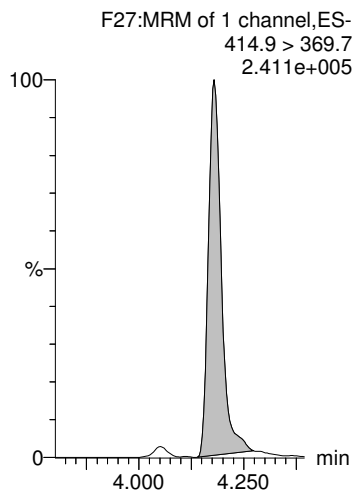
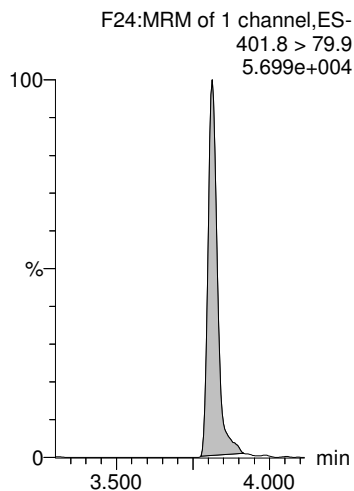
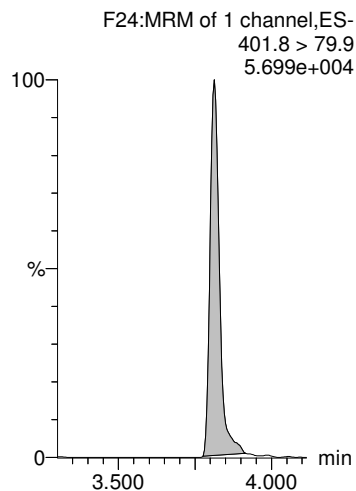
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-80.qld

Last Altered: Wednesday, July 22, 2020 16:01:14 Pacific Daylight Time

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Name: 200714M1_80, Date: 15-Jul-2020, Time: 04:50:05, ID: 2001409-08 I003MW01D-20200701 0.25006, Description: I003MW01D-20200701

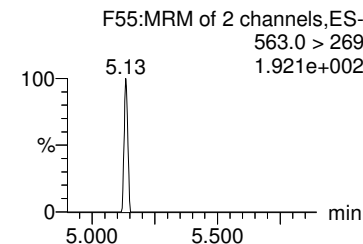
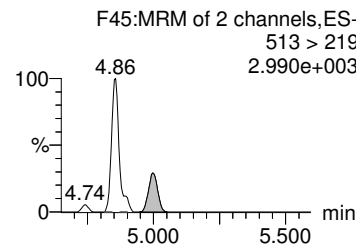
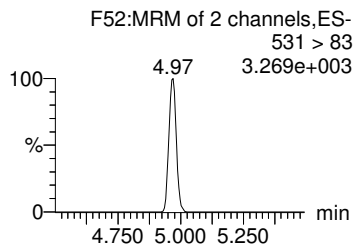
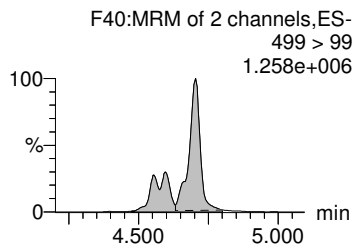
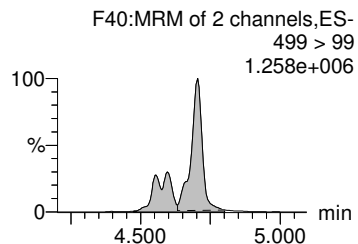
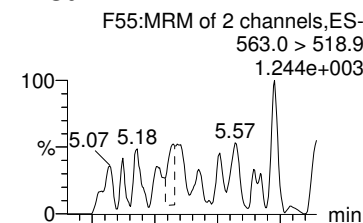
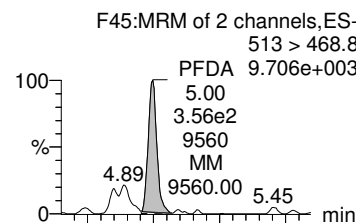
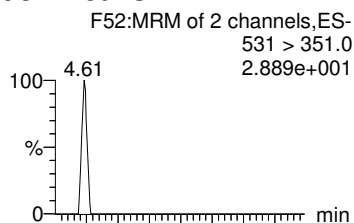
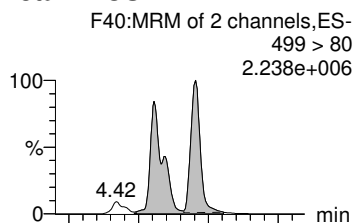
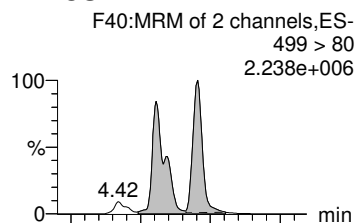
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



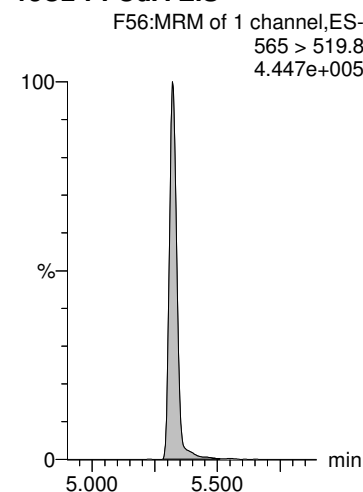
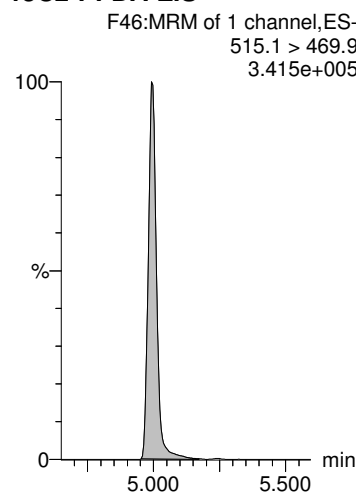
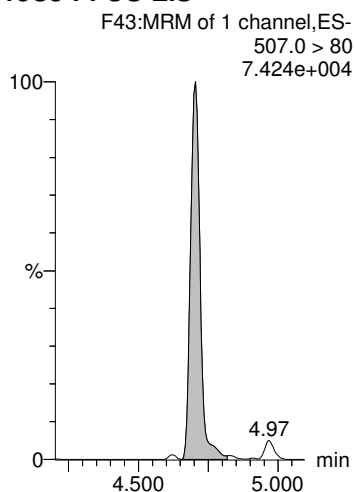
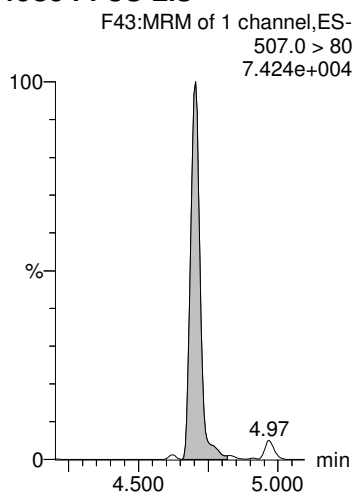
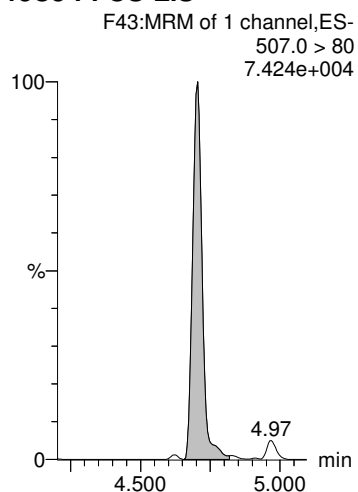
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-80.qld

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Name: 200714M1_80, Date: 15-Jul-2020, Time: 04:50:05, ID: 2001409-08 I003MW01D-20200701 0.25006, Description: I003MW01D-20200701

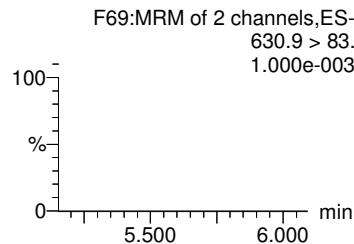
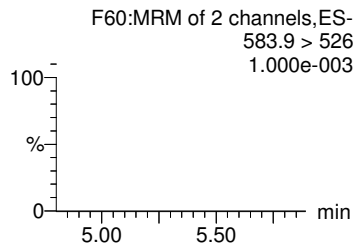
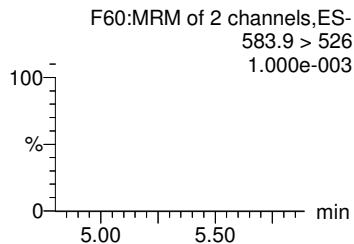
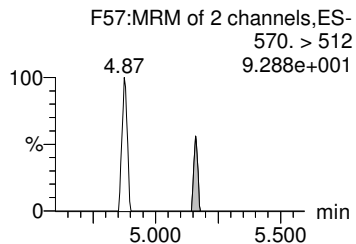
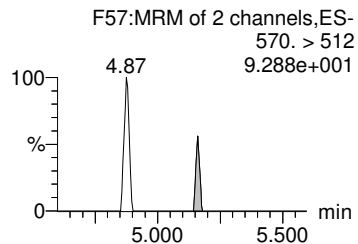
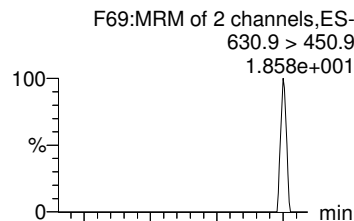
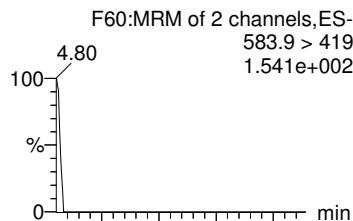
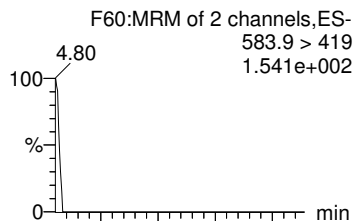
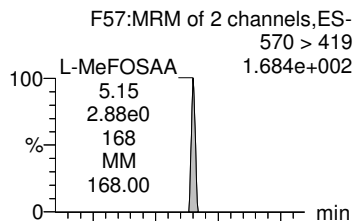
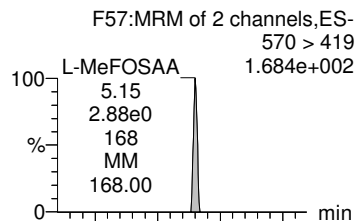
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30uS



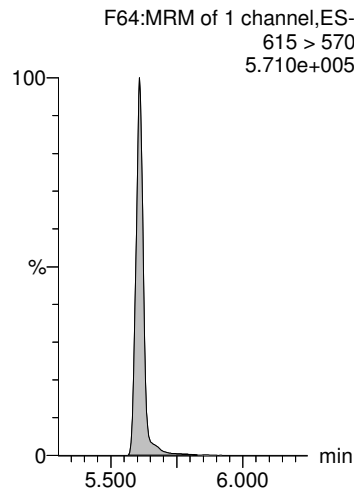
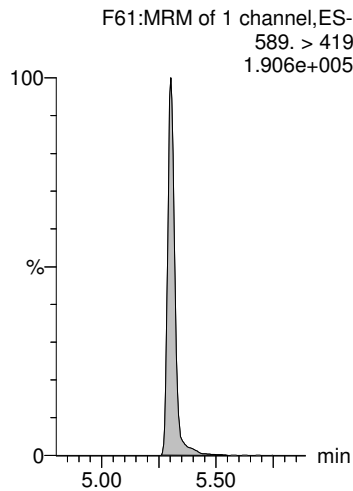
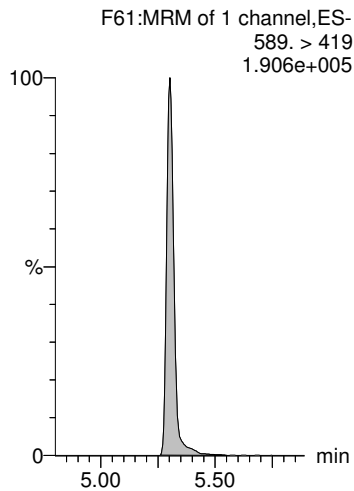
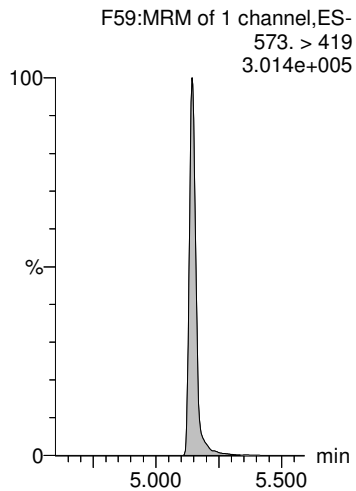
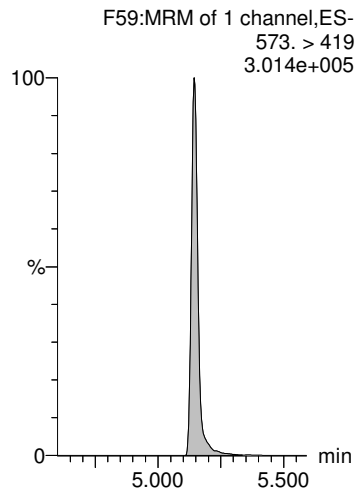
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-80.qld

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Name: 200714M1_80, Date: 15-Jul-2020, Time: 04:50:05, ID: 2001409-08 I003MW01D-20200701 0.25006, Description: I003MW01D-20200701

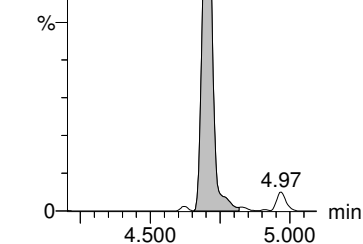
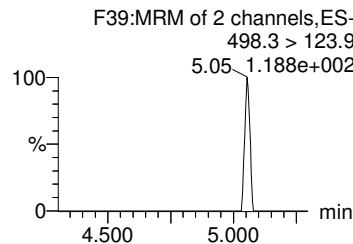
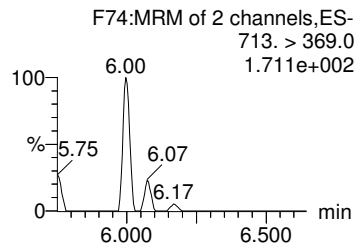
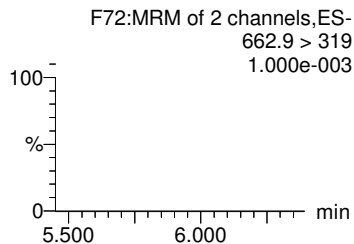
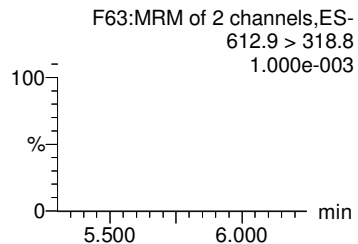
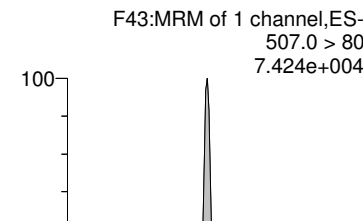
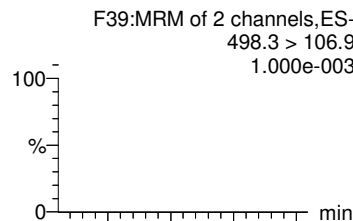
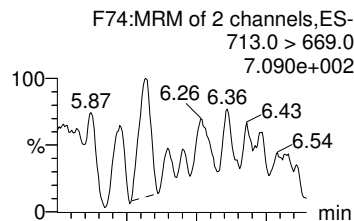
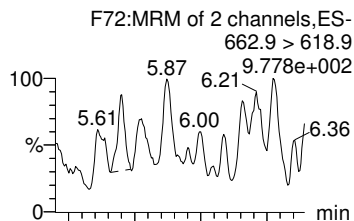
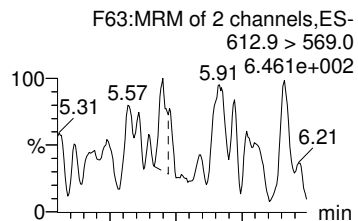
PFD_oA

PFT_rDA

PFT_eDA

TDCA

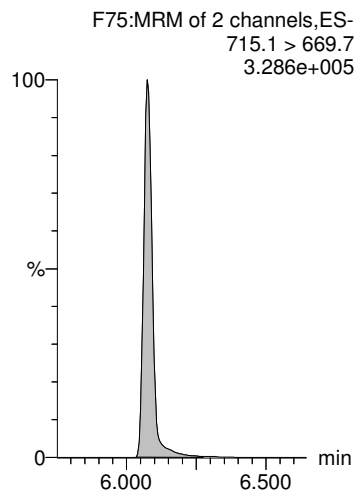
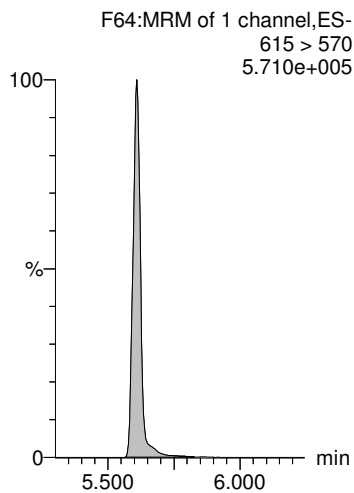
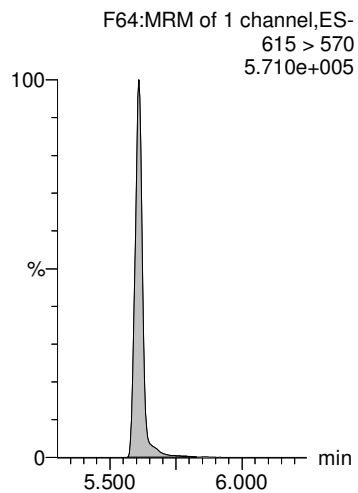
13C₈-PFOS-EIS



13C₂-PFD_oA-EIS

13C₂-PFD_oA-EIS

13C₂-PFT_eDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-20.qld

Last Altered: Tuesday, July 21, 2020 20:31:39 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 16:19:48 Pacific Daylight Time

Name: 200715M1_20, Date: 15-Jul-2020, Time: 16:34:41, ID: 2001409-08@10X I003MW01D-20200701 0.25006, Description: I003MW01D-20200701

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	7 PFHxA	313.0 > 269.0	1.287e5	1.464e3	0.250		3.05	1098.573	4920.876		17.129	NO
2	13 L-PFHxS	399 > 80.0	4.350e4	3.770e2	0.250		3.81	1442.292	5978.931		1.641	NO
3	1... Total PFHxS	399 > 80	4.350e4	3.770e2	0.250			1442.292	5978.931			
4	23 L-PFOS	499 > 80	3.107e4	5.292e2	0.250		4.70	733.918	3124.943		2.189	NO
5	1... Total PFOS	499 > 80	3.107e4	5.292e2	0.250			733.918	3124.943			
6	69 13C2-PFOA-EIS	414.9 > 369.7	2.057e3		0.250	1379.301	4.18	2056.810	5.963	11.9		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.464e3		0.250	1140.399	3.05	1463.947	5.134	10.3		
8	61 13C3-PFHxS-EIS	401.8 > 79.9	3.770e2		0.250	300.225	3.81	376.988	5.022	10.0		
9	61 13C3-PFHxS-EIS	401.8 > 79.9	3.770e2		0.250	300.225	3.81	376.988	5.022	10.0		
10	73 13C8-PFOS-EIS	507.0 > 80	5.292e2		0.250	325.478	4.70	529.242	6.503	13.0		
11	73 13C8-PFOS-EIS	507.0 > 80	5.292e2		0.250	325.478	4.70	529.242	6.503	13.0		
12	-1											

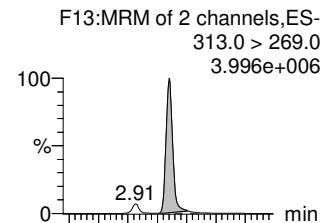
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Printed: Wednesday, July 22, 2020 16:19:48 Pacific Daylight Time

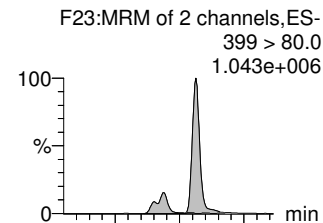
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Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Name: 200715M1_20, Date: 15-Jul-2020, Time: 16:34:41, ID: 2001409-08@10X I003MW01D-20200701 0.25006, Description: I003MW01D-20200701

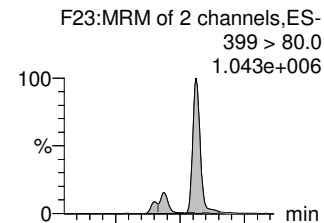
PFHxA



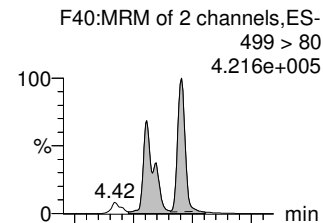
L-PFHxS



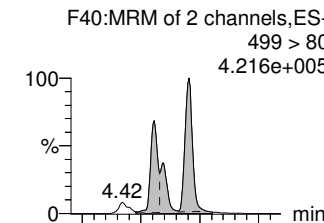
Total PFHxS



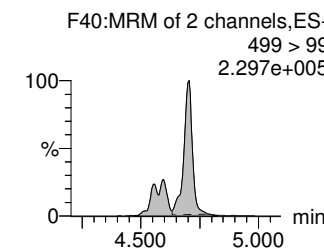
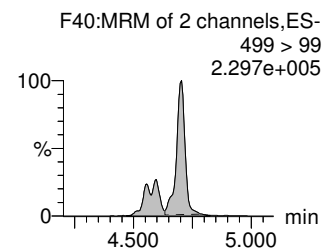
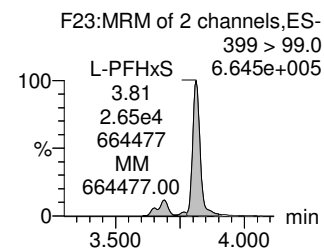
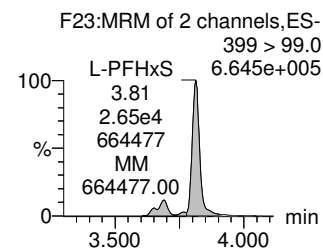
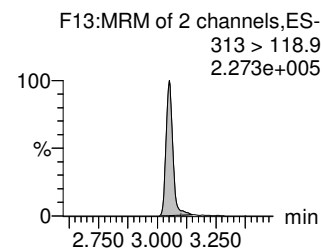
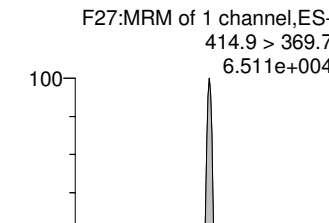
L-PFOS



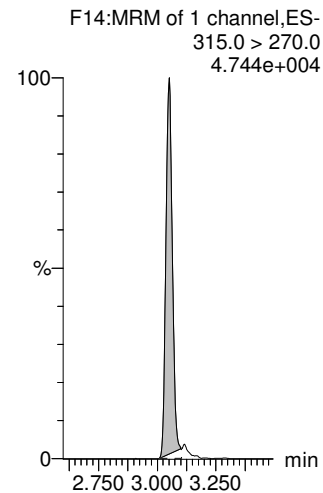
Total PFOS



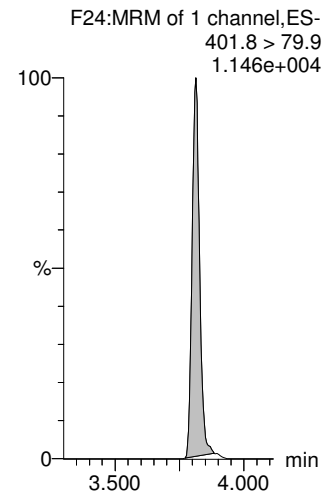
13C2-PFOA-EIS



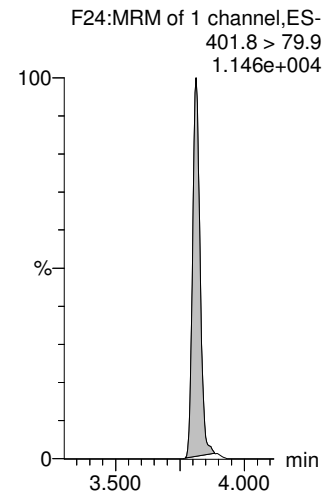
13C2-PFHxA-EIS



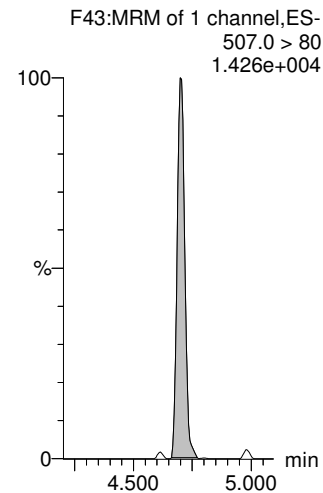
13C3-PFHxS-EIS



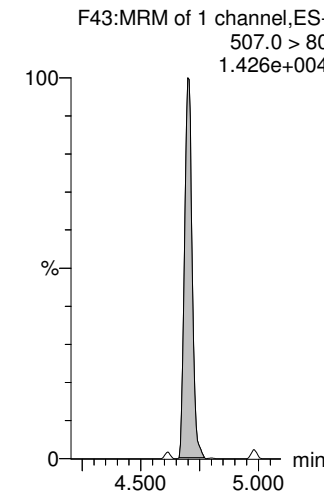
13C3-PFHxS-EIS



13C8-PFOS-EIS



13C8-PFOS-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-20 ug.qld

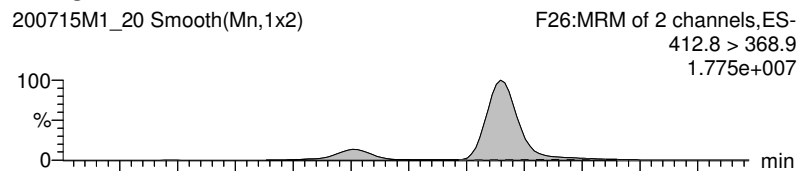
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Printed: Wednesday, July 22, 2020 16:43:12 Pacific Daylight Time

*Conc. in ug/L

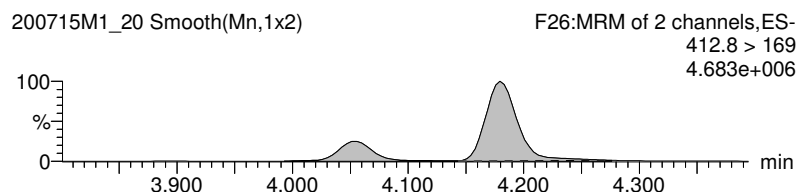
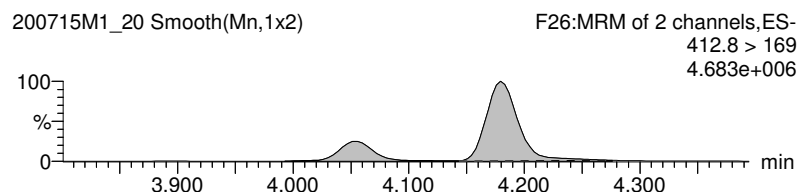
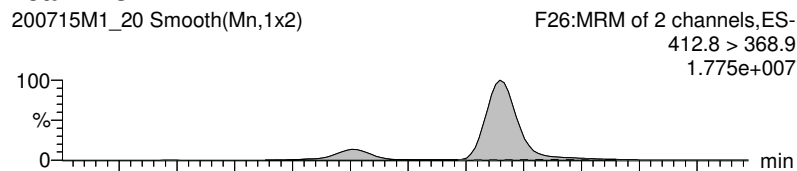
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Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Name: 200715M1_20, Date: 15-Jul-2020, Time: 16:34:41, ID: 2001409-08@10X I003MW01D-20200701 0.25006, Description: I003MW01D-20200701

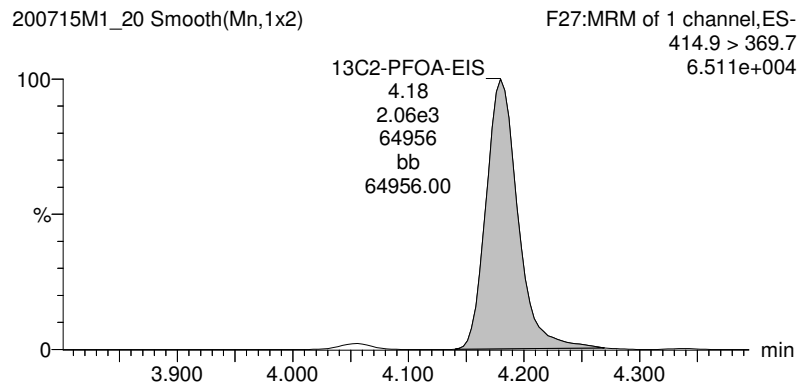
L-PFOA



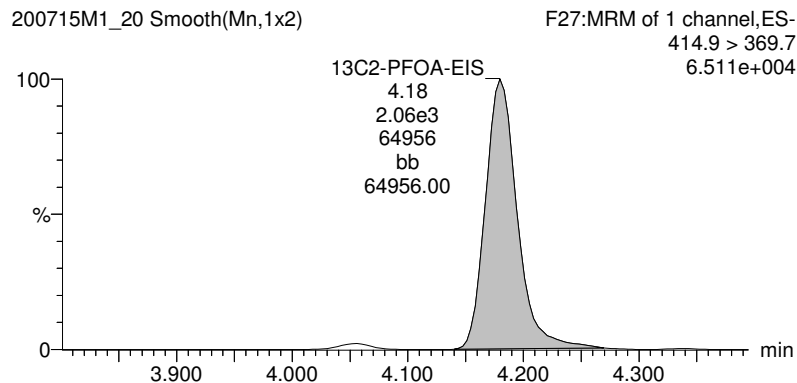
Total PFOA



13C2-PFOA-EIS



13C2-PFOA-EIS



#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	16 L-PFOA	412.8 > 368.9	6.675e5	2.057e3	0.250		4.18	4.057	10.621		3.453	NO
2	1... Total PFOA	412.8 > 368.9	6.675e5	2.057e3	0.250			4.057	10.621			
3	69 13C2-PFOA-EIS	414.9 > 369.7	2.057e3		0.250	1379.301	4.18	2056.810	5.963	11929.6	11.9	
4	69 13C2-PFOA-EIS	414.9 > 369.7	2.057e3		0.250	1379.301	4.18	2056.810	5.963	11929.6	11.9	

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-71.qld

Last Altered: Wednesday, July 22, 2020 15:43:15 Pacific Daylight Time

*See Dilution

Printed: Wednesday, July 22, 2020 15:44:55 Pacific Daylight Time

Name: 200714M1_71, Date: 15-Jul-2020, Time: 03:16:44, ID: B0G0034-MS2 Matrix Spike 0.24593, Description: Matrix Spike

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	4.384e4	1.128e3	0.246		2.51	2.51	486	1023.927		2.485	NO
2	7 PFHxA	313.0 > 269.0	7.139e5	8.379e3	0.246		3.05	3.05	1070	4649.872	*E	17.193	NO
3	9 HFPO-DA	285.1 > 168.9	6.542e2	8.014e2	0.246		3.27	3.28	10.2	40.817		2.438	NO
4	11 PFHpA	363.0 > 318.9	1.310e5	5.719e3	0.246		3.67	3.67	286	954.526		12.347	NO
5	12 ADONA	376.8 > 250.9	2.348e4	5.719e3	0.246		3.76	3.78	51.3	45.186		3.569	NO
6	51 13C3-PFBS-EIS	302.0 > 99	1.128e3		0.246	127.271	2.52	2.51	1130	36.052	70.9		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	8.379e3		0.246	1154.290	3.05	3.05	8380	29.517	58.1		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	8.014e2		0.246	101.036	3.28	3.27	801	32.253	63.5		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	5.719e3		0.246	686.728	3.67	3.67	5720	33.865	66.6		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	5.719e3		0.246	686.728	3.67	3.67	5720	33.865	66.6		
11	-1												
12	13 L-PFHxS	399 > 80.0	2.485e5	1.863e3	0.246		3.81	3.81	1670	7832.175	*E	1.742	NO
13	1... Total PFHxS	399 > 80	2.485e5	1.863e3	0.246		3.83		1670	7832.175			
14	16 L-PFOA	412.8 > 368.9	2.886e6	8.626e3	0.246		4.18	4.18	4180		*E	3.309	NO
15	1... Total PFOA	412.8 > 368.9	2.886e6	8.626e3	0.246		4.20		0.000				
16	21 PFNA	463.0 > 418.8	1.949e4	1.220e4	0.246		4.62	4.62	20.0	69.306		3.755	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	1.863e3		0.246	319.274	3.82	3.81	1860	23.726	46.7		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	1.863e3		0.246	319.274	3.82	3.81	1860	23.726	46.7		
19	69 13C2-PFOA-EIS	414.9 > 369.7	8.626e3		0.246	1394.720	4.19	4.18	8630	25.148	49.5		
20	69 13C2-PFOA-EIS	414.9 > 369.7	8.626e3		0.246	1394.720	4.19	4.18	8630	25.148	49.5		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.220e4		0.246	1417.984	4.63	4.62	12200	34.976	68.8		
22	-1												
23	23 L-PFOS	499 > 80	2.000e5	2.785e3	0.246		4.70	4.70	897	3935.022	*E	2.273	NO
24	1... Total PFOS	499 > 80	2.000e5	2.785e3	0.246		4.73		897	3935.022			
25	25 9Cl-PF30NS	531 > 351.0	9.521e3	2.785e3	0.246		4.91	4.92	42.7	49.189		24.156	NO
26	26 PFDA	513 > 468.8	1.636e4	1.261e4	0.246		5.00	5.00	16.2	46.328		5.850	NO
27	33 PFUdA	563.0 > 518.9	1.320e4	1.643e4	0.246		5.32	5.32	10.0	44.268		9.112	NO
28	73 13C8-PFOS-EIS	507.0 > 80	2.785e3		0.246	361.054	4.71	4.70	2790	31.370	61.7		
29	73 13C8-PFOS-EIS	507.0 > 80	2.785e3		0.246	361.054	4.71	4.70	2790	31.370	61.7		
30	73 13C8-PFOS-EIS	507.0 > 80	2.785e3		0.246	361.054	4.71	4.70	2790	31.370	61.7		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.261e4		0.246	1350.069	5.00	5.00	12600	37.968	74.7		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.643e4		0.246	1994.364	5.33	5.32	16400	33.505	65.9		
33	-1												
34	29 L-MeFOSAA	570 > 419	7.244e3	9.229e3	0.246		5.14	5.15	9.81	42.227		2.824	NO
35	1... Total N-MeFOSAA	570. > 419	7.244e3	9.229e3	0.246		5.17		9.81	42.227			
36	31 L-EtFOSAA	583.9 > 419	6.042e3	8.261e3	0.246		5.30	5.31	9.14	41.028		1.353	NO

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-71.qld

Last Altered: Wednesday, July 22, 2020 15:43:15 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 15:44:55 Pacific Daylight Time

Name: 200714M1_71, Date: 15-Jul-2020, Time: 03:16:44, ID: B0G0034-MS2 Matrix Spike 0.24593, Description: Matrix Spike

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	6.042e3	8.261e3	0.246		5.33		9.14	41.028			
38	35 11Cl-PF30UdS	630.9 > 450.9	8.742e3	1.996e4	0.246		5.54	5.54	5.48	41.344		24.370	NO
39	79 d3-N-MeFOSAA-EIS	573. > 419	9.229e3		0.246	1024.448	5.15	5.14	9230	36.631	72.1		
40	79 d3-N-MeFOSAA-EIS	573. > 419	9.229e3		0.246	1024.448	5.15	5.14	9230	36.631	72.1		
41	83 d5-N-EtFOSAA-EIS	589. > 419	8.261e3		0.246	964.220	5.31	5.30	8260	34.839	68.5		
42	83 d5-N-EtFOSAA-EIS	589. > 419	8.261e3		0.246	964.220	5.31	5.30	8260	34.839	68.5		
43	85 13C2-PFDoA-EIS	615 > 570	1.996e4		0.246	2212.380	5.62	5.61	20000	36.684	72.2		
44	-1												
45	37 PFDoA	612.9 > 569.0	1.584e4	1.996e4	0.246		5.61	5.61	9.92	40.527		8.135	NO
46	39 PFTrDA	662.9 > 618.9	1.343e4	1.996e4	0.246		5.86	5.86	8.41	37.261		8.596	NO
47	41 PFTeDA	713.0 > 669.0	1.541e4	1.203e4	0.246		6.07	6.07	16.0	41.528		13.379	NO
48	1... TDCA	498.3>106.9			0.246		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	2.785e3		0.246	361.054	4.71	4.70	2790	31.370	61.7		
50	85 13C2-PFDoA-EIS	615 > 570	1.996e4		0.246	2212.380	5.62	5.61	20000	36.684	72.2		
51	85 13C2-PFDoA-EIS	615 > 570	1.996e4		0.246	2212.380	5.62	5.61	20000	36.684	72.2		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.203e4		0.246	1536.348	6.08	6.07	12000	31.832	62.6		

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-71.qld

Last Altered: Wednesday, July 22, 2020 15:43:15 Pacific Daylight Time

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 22 Jul 2020 15:35:20

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_71, Date: 15-Jul-2020, Time: 03:16:44, ID: B0G0034-MS2 Matrix Spike 0.24593, Description: Matrix Spike

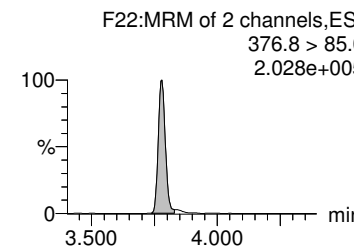
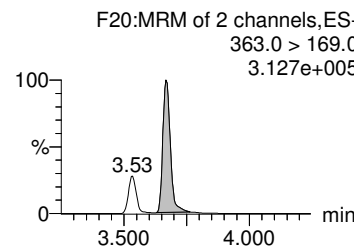
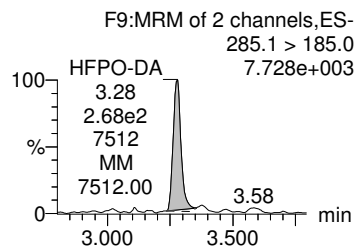
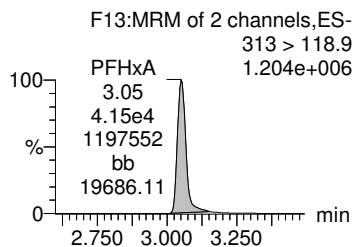
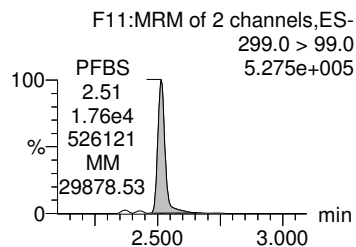
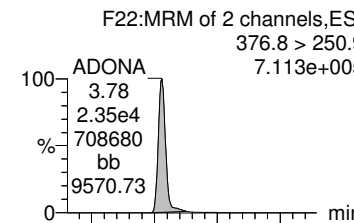
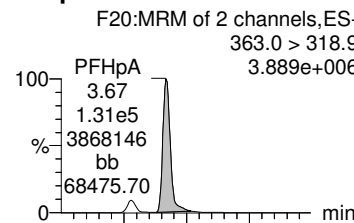
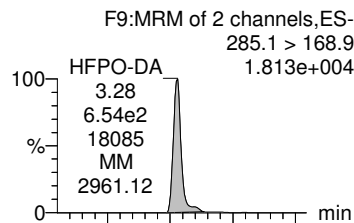
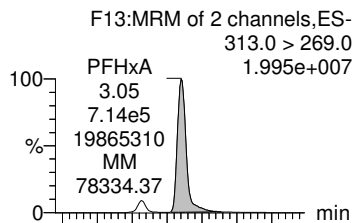
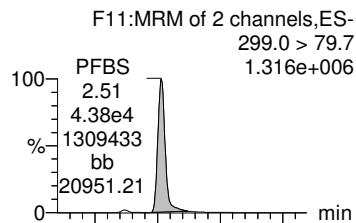
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



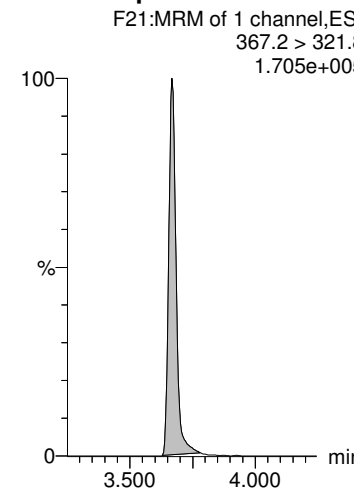
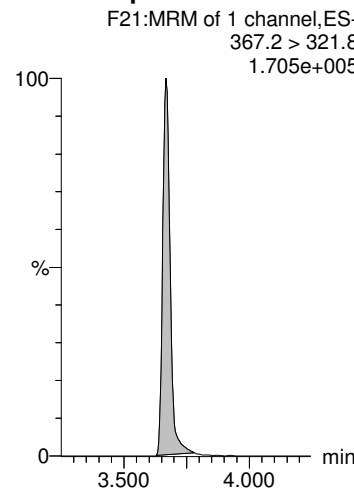
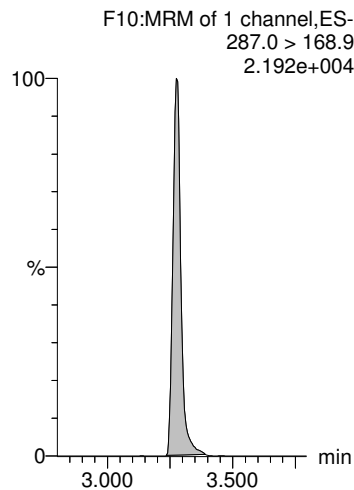
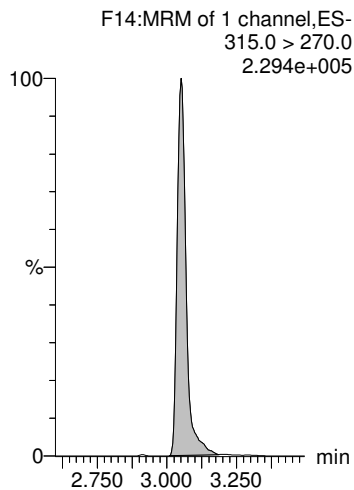
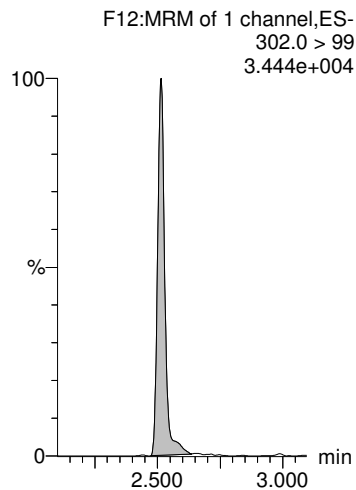
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-71.qld

Last Altered: Wednesday, July 22, 2020 15:43:15 Pacific Daylight Time

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Name: 200714M1_71, Date: 15-Jul-2020, Time: 03:16:44, ID: B0G0034-MS2 Matrix Spike 0.24593, Description: Matrix Spike

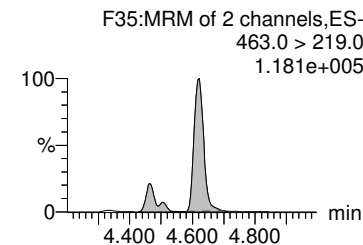
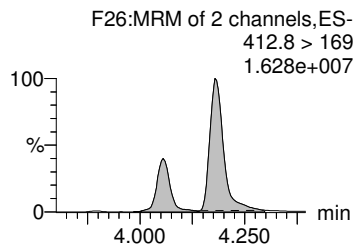
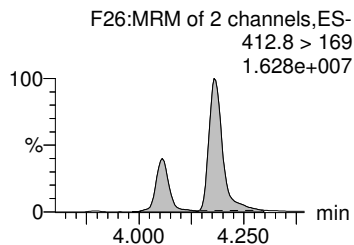
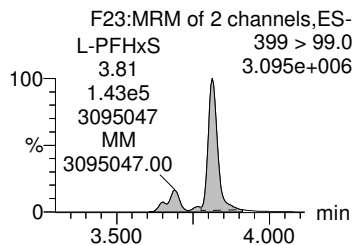
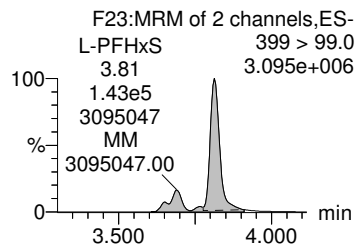
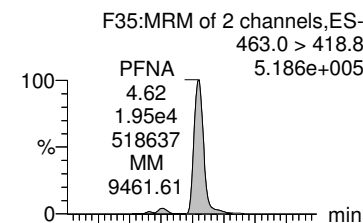
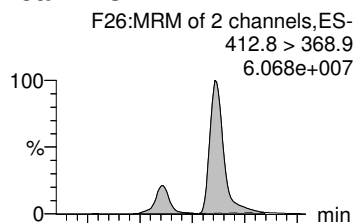
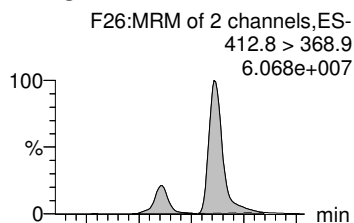
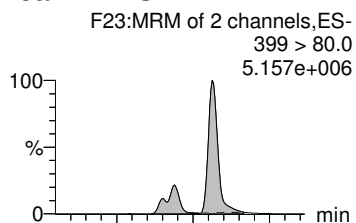
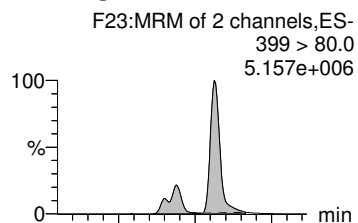
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



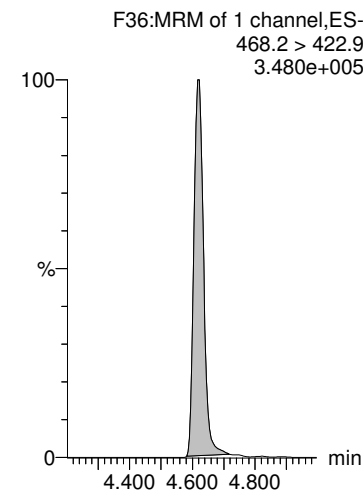
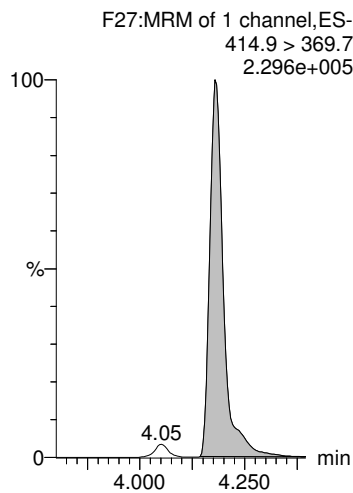
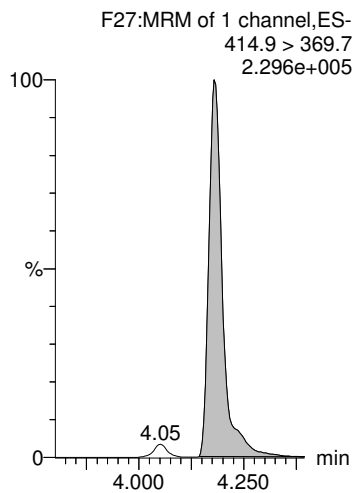
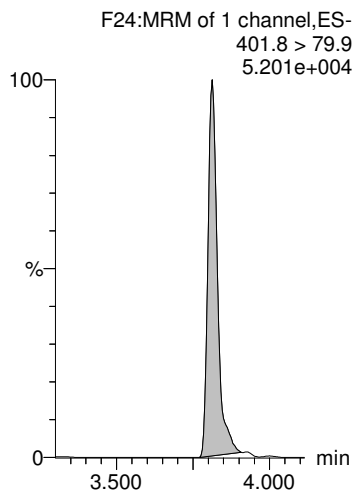
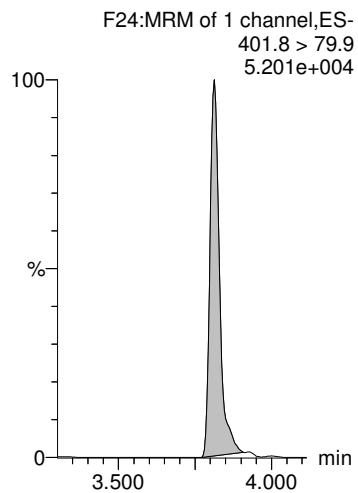
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-71.qld

Last Altered: Wednesday, July 22, 2020 15:43:15 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 15:44:55 Pacific Daylight Time

Name: 200714M1_71, Date: 15-Jul-2020, Time: 03:16:44, ID: B0G0034-MS2 Matrix Spike 0.24593, Description: Matrix Spike

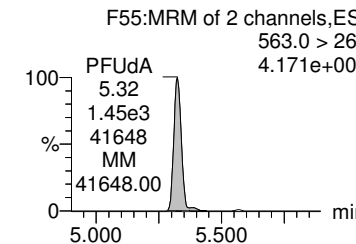
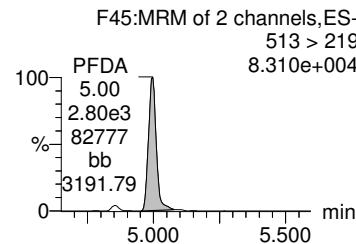
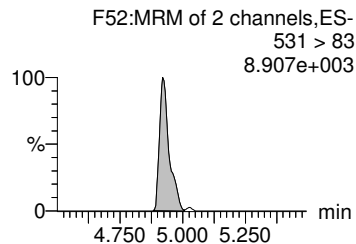
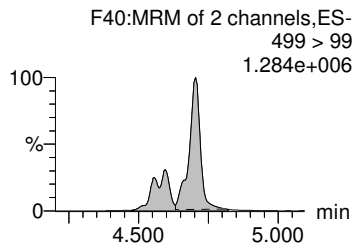
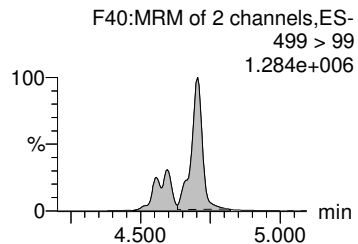
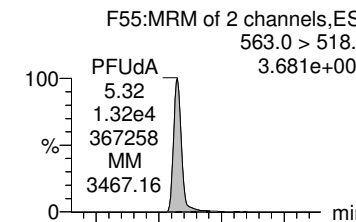
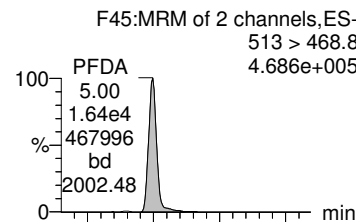
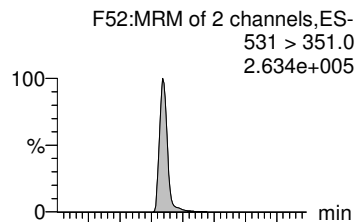
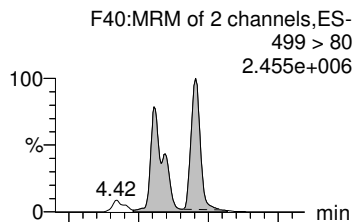
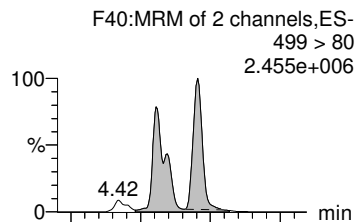
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



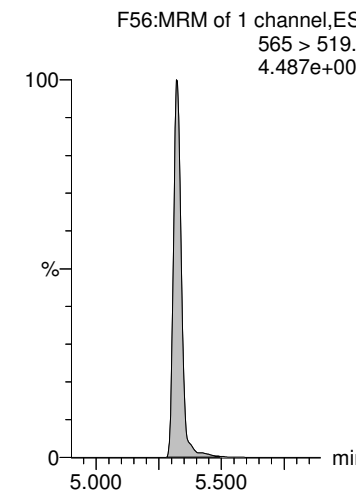
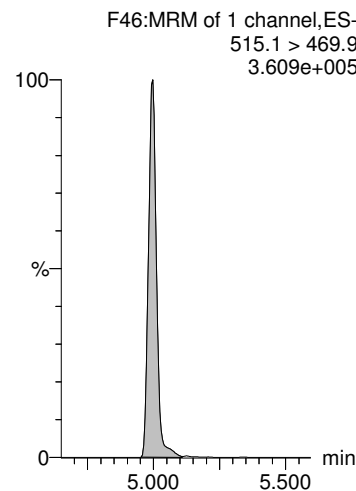
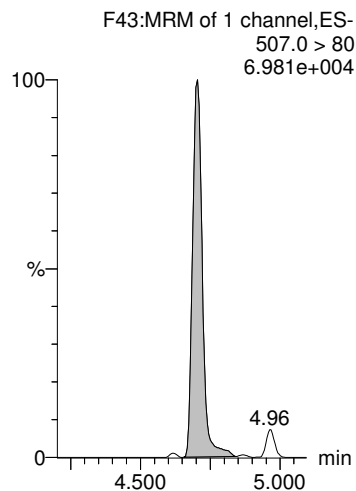
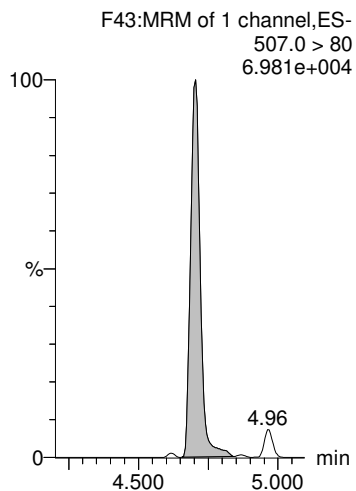
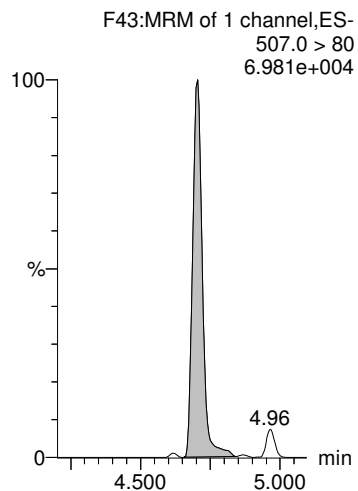
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-71.qld

Last Altered: Wednesday, July 22, 2020 15:43:15 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 15:44:55 Pacific Daylight Time

Name: 200714M1_71, Date: 15-Jul-2020, Time: 03:16:44, ID: B0G0034-MS2 Matrix Spike 0.24593, Description: Matrix Spike

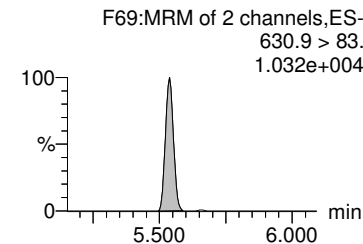
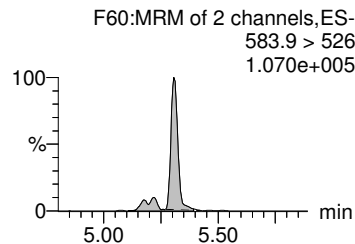
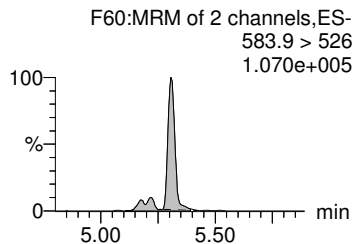
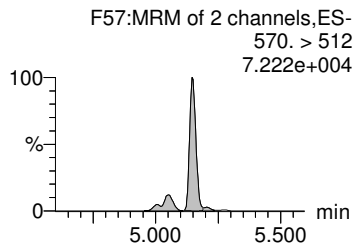
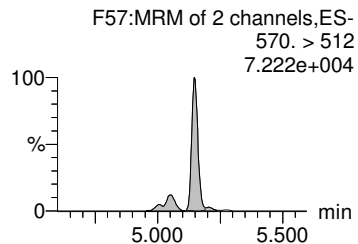
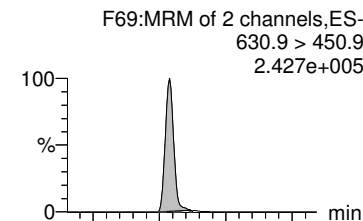
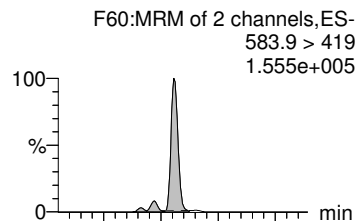
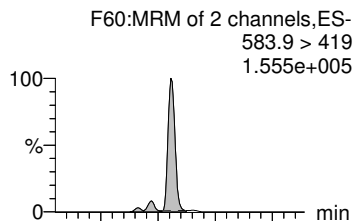
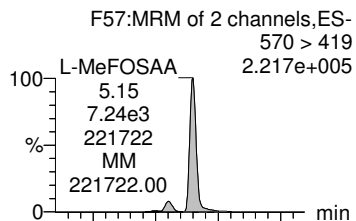
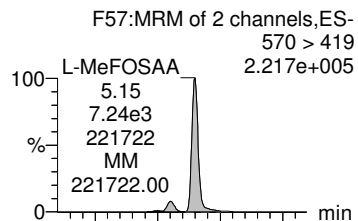
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30UdS



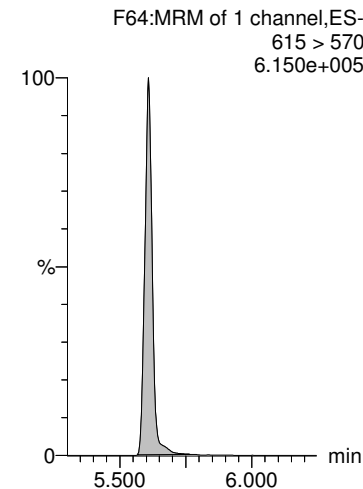
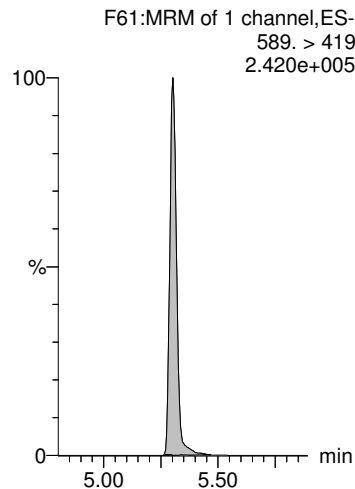
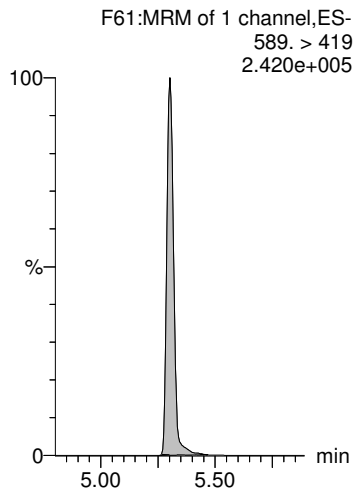
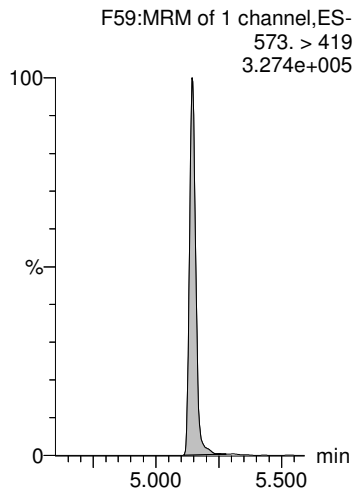
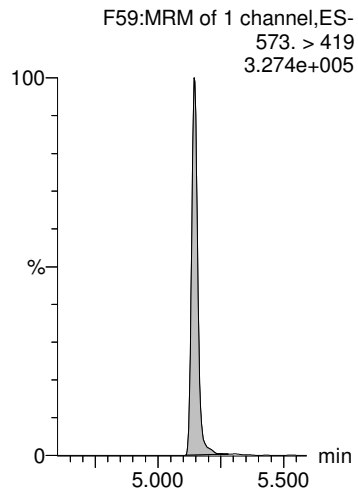
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-71.qld

Last Altered: Wednesday, July 22, 2020 15:43:15 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 15:44:55 Pacific Daylight Time

Name: 200714M1_71, Date: 15-Jul-2020, Time: 03:16:44, ID: B0G0034-MS2 Matrix Spike 0.24593, Description: Matrix Spike

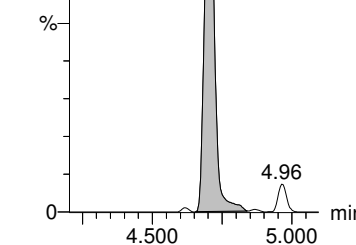
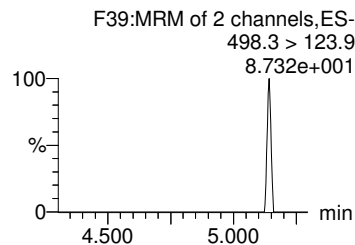
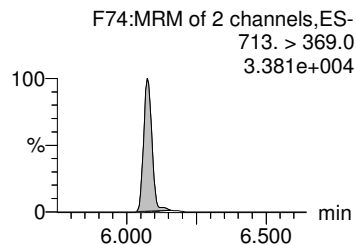
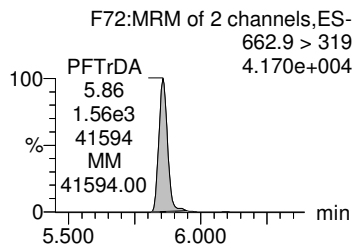
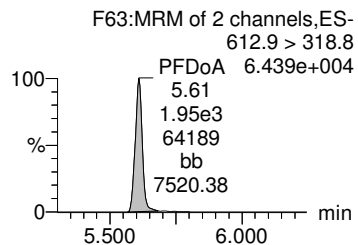
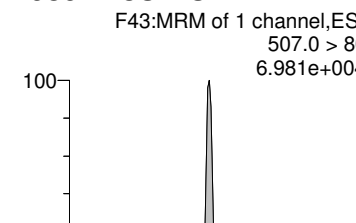
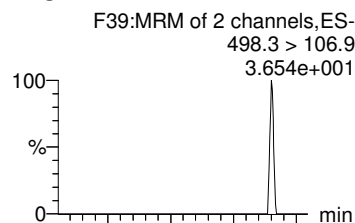
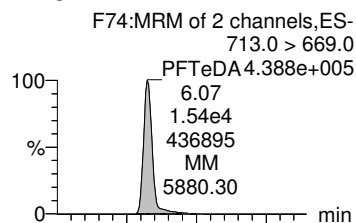
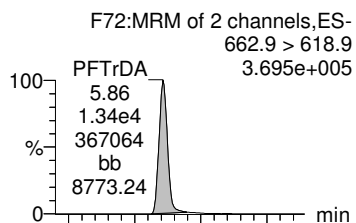
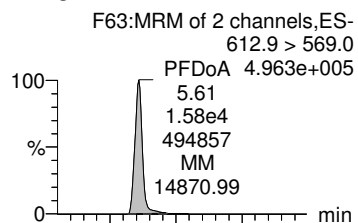
PFDoA

PFTTrDA

PFTeDA

TDCA

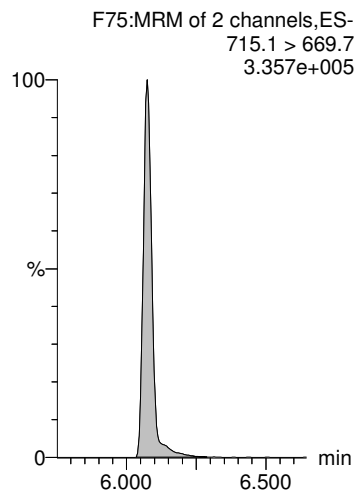
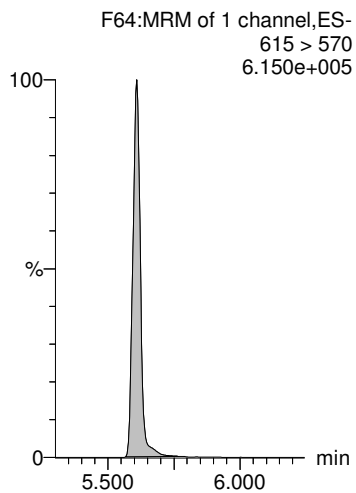
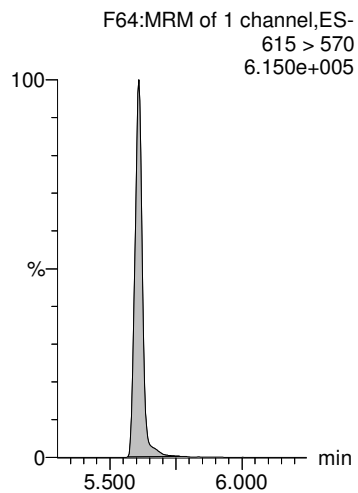
13C8-PFOS-EIS



13C2-PFDoA-EIS

13C2-PFDoA-EIS

13C2-PFTeDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200716M1\200716M1-33.qld

Last Altered: Tuesday, July 21, 2020 22:38:28 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 16:30:05 Pacific Daylight Time

Name: 200716M1_33, Date: 16-Jul-2020, Time: 20:49:33, ID: B0G0034-MS2@10X Matrix Spike 0.24593, Description: Matrix Spike

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	7 PFHxA	313.0 > 269.0	7.293e4	7.948e2	0.246		3.01	1147.020	6729.040		16.375	NO
2	13 L-PFHxS	399 > 80.0	2.558e4	1.911e2	0.246		3.78	1672.840	11104.002		1.663	NO
3	1... Total PFHxS	399 > 80	2.558e4	1.911e2	0.246			1672.840	11104.002			
4	23 L-PFOS	499 > 80	1.688e4	2.262e2	0.246		4.67	932.884	4100.122		2.191	NO
5	1... Total PFOS	499 > 80	1.688e4	2.262e2	0.246			932.884	4100.122			
6	69 13C2-PFOA-EIS	414.9 > 369.7	1.192e3		0.246	1399.638	4.14	1192.188	3.464	6.8		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	7.948e2		0.246	1137.740	3.01	794.812	2.841	5.6		
8	61 13C3-PFHxS-EIS	401.8 > 79.9	1.911e2		0.246	314.930	3.78	191.127	2.468	4.9		
9	61 13C3-PFHxS-EIS	401.8 > 79.9	1.911e2		0.246	314.930	3.78	191.127	2.468	4.9		
10	73 13C8-PFOS-EIS	507.0 > 80	2.262e2		0.246	345.707	4.67	226.191	2.660	5.2		
11	73 13C8-PFOS-EIS	507.0 > 80	2.262e2		0.246	345.707	4.67	226.191	2.660	5.2		
12	-1											

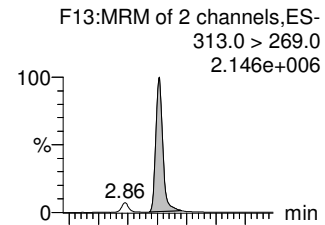
Dataset: M:\Projects\PFAS.PRO\Results\200716M1\200716M1-33.qld

Last Altered: Tuesday, July 21, 2020 22:38:28 Pacific Daylight Time
Printed: Wednesday, July 22, 2020 16:30:05 Pacific Daylight Time

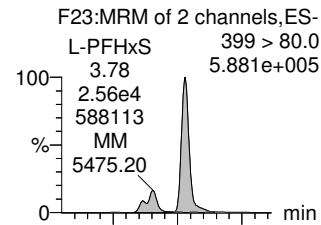
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 21 Jul 2020 22:33:42
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Name: 200716M1_33, Date: 16-Jul-2020, Time: 20:49:33, ID: B0G0034-MS2@10X Matrix Spike 0.24593, Description: Matrix Spike

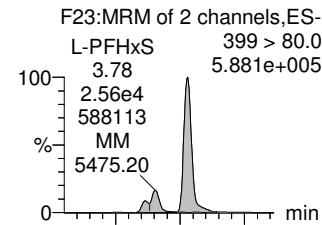
PFHxA



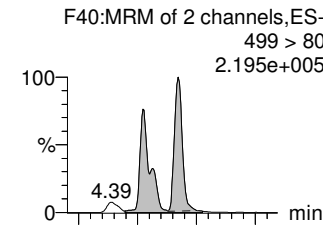
L-PFHxS



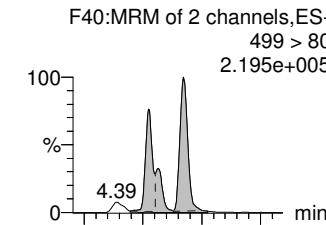
Total PFHxS



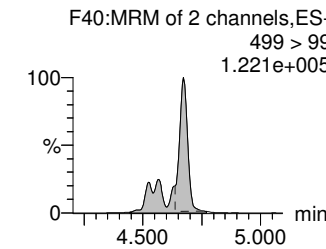
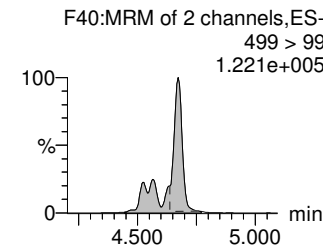
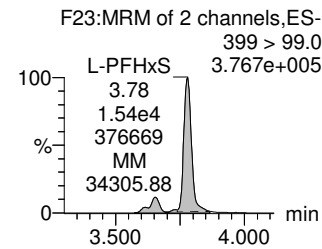
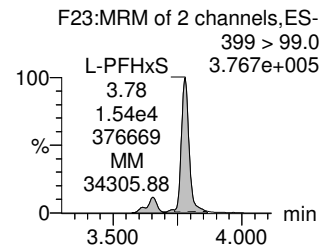
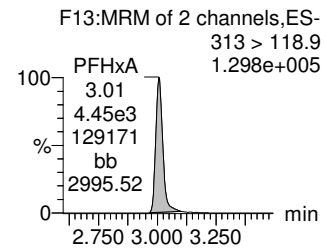
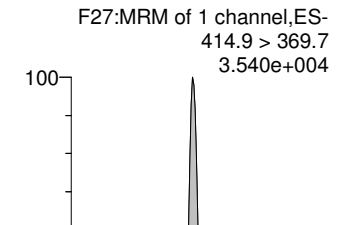
L-PFOS



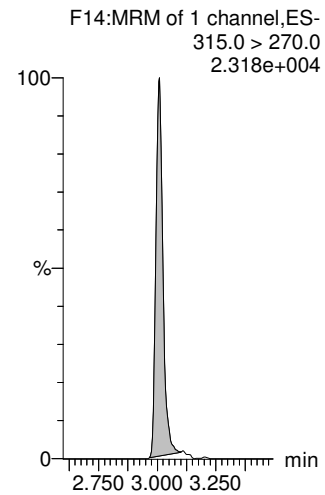
Total PFOS



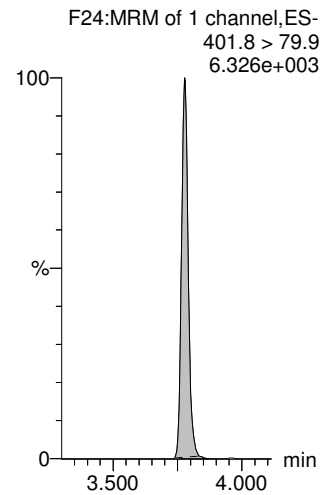
13C2-PFOA-EIS



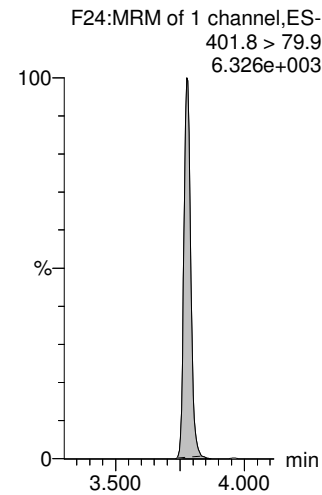
13C2-PFHxA-EIS



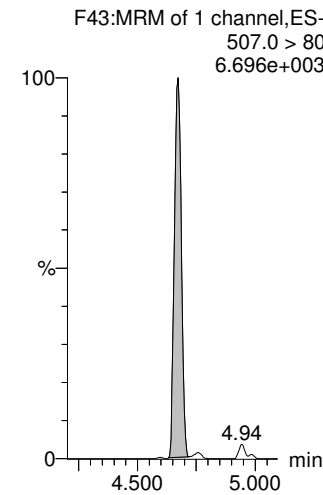
13C3-PFHxS-EIS



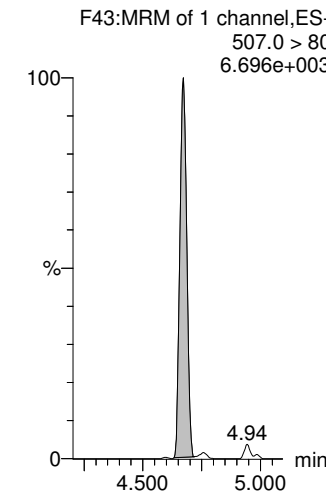
13C3-PFHxS-EIS



13C8-PFOS-EIS



13C8-PFOS-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200716M1\200716M1-33 ug.qld

Last Altered: Tuesday, July 21, 2020 12:01:56 Pacific Daylight Time

* Conc. in ug/L

Printed: Wednesday, July 22, 2020 16:31:41 Pacific Daylight Time

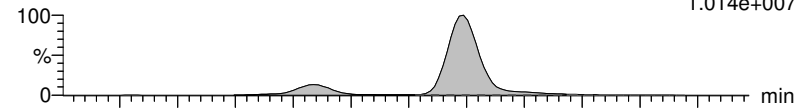
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 21 Jul 2020 11:58:41

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Name: 200716M1_33, Date: 16-Jul-2020, Time: 20:49:33, ID: B0G0034-MS2@10X Matrix Spike 0.24593, Description: Matrix Spike

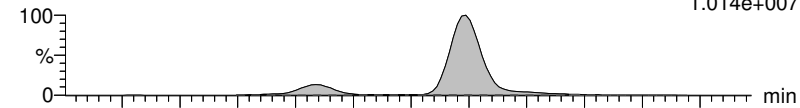
L-PFOA

200716M1_33 Smooth(Mn,1x2) F26:MRM of 2 channels,ES-
Matrix Spike B0G0034-MS2@10X Matrix Spike 0.24593 412.8 > 368.9
1.014e+007

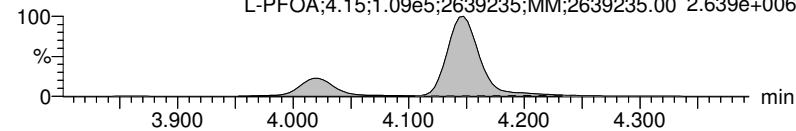


Total PFOA

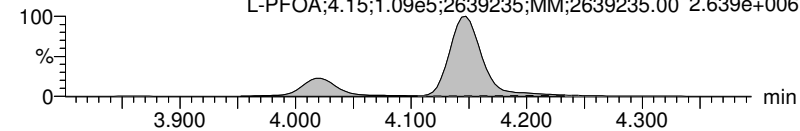
200716M1_33 Smooth(Mn,1x2) F26:MRM of 2 channels,ES-
Matrix Spike B0G0034-MS2@10X Matrix Spike 0.24593 412.8 > 368.9
1.014e+007



200716M1_33 Smooth(Mn,1x2) F26:MRM of 2 channels,ES-
Matrix Spike B0G0034-MS2@10X Matrix Spike 0.24593 412.8 > 169
L-PFOA;4.15;1.09e5;2639235;MM;2639235.00 2.639e+006

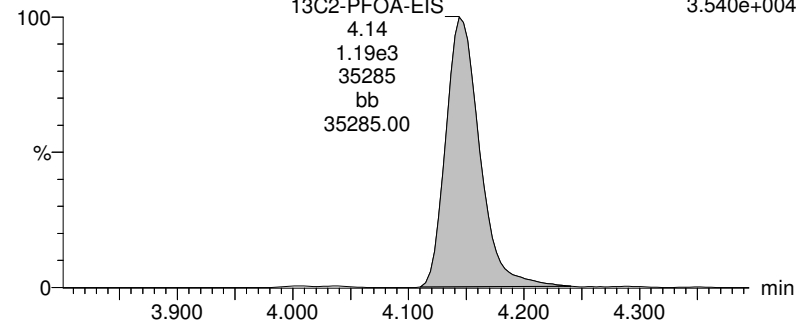


200716M1_33 Smooth(Mn,1x2) F26:MRM of 2 channels,ES-
Matrix Spike B0G0034-MS2@10X Matrix Spike 0.24593 412.8 > 169
L-PFOA;4.15;1.09e5;2639235;MM;2639235.00 2.639e+006



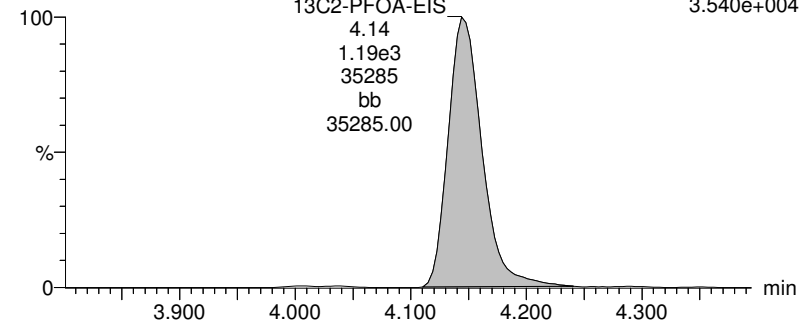
13C2-PFOA-EIS

200716M1_33 Smooth(Mn,1x2) F27:MRM of 1 channel,ES-
Matrix Spike B0G0034-MS2@10X Matrix Spike 0.24593 414.9 > 369.7
3.540e+004



13C2-PFOA-EIS

200716M1_33 Smooth(Mn,1x2) F27:MRM of 1 channel,ES-
Matrix Spike B0G0034-MS2@10X Matrix Spike 0.24593 414.9 > 369.7
3.540e+004



#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	16 L-PFOA	412.8 > 368.9	3.856e5	1.192e3	0.246		4.15	4.043	11.273		3.534	NO
2	1... Total PFOA	412.8 > 368.9	3.856e5	1.192e3	0.246			4.043	11.273			
3	69 13C2-PFOA-EIS	414.9 > 369.7	1.192e3		0.246	1399.638	4.14	1192.188	3.464	6814:3	6.81	
4	69 13C2-PFOA-EIS	414.9 > 369.7	1.192e3		0.246	1399.638	4.14	1192.188	3.464	6814:3	6.81	

Vista Analytical Laboratory L18

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-72.qld

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*See Dilution

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Name: 200714M1_72, Date: 15-Jul-2020, Time: 03:27:07, ID: B0G0034-MSD2 Matrix Spike Dup 0.25788, Description: Matrix Spike Dup

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	4.644e4	1.167e3	0.258		2.52	2.52	497	1000.423		2.430	NO
2	7 PFHxA	313.0 > 269.0	7.366e5	8.100e3	0.258		3.05	3.05	1140	4772.312 *E		16.141	NO
3	9 HFPO-DA	285.1 > 168.9	6.647e2	7.905e2	0.258		3.28	3.28	10.5	40.084		2.571	NO
4	11 PFHpA	363.0 > 318.9	1.407e5	5.863e3	0.258		3.67	3.67	300	955.500		11.782	NO
5	12 ADONA	376.8 > 250.9	2.531e4	5.863e3	0.258		3.76	3.78	54.0	45.313		3.687	NO
6	51 13C3-PFBS-EIS	302.0 > 99	1.167e3		0.258	127.271	2.52	2.52	1170	35.552	73.3		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	8.100e3		0.258	1154.290	3.05	3.05	8100	27.210	56.1		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	7.905e2		0.258	101.036	3.28	3.28	790	30.339	62.6		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	5.863e3		0.258	686.728	3.67	3.67	5860	33.108	68.3		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	5.863e3		0.258	686.728	3.67	3.67	5860	33.108	68.3		
11	-1												
12	13 L-PFHxS	399 > 80.0	2.529e5	2.064e3	0.258		3.81	3.81	1530	6648.292 *E		1.699	NO
13	1... Total PFHxS	399 > 80	2.529e5	2.064e3	0.258		3.83		1530	6648.292			
14	16 L-PFOA	412.8 > 368.9	2.990e6	8.504e3	0.258		4.18	4.18	4390		*E	3.333	NO
15	1... Total PFOA	412.8 > 368.9	2.990e6	8.504e3	0.258		4.20		0.000				
16	21 PFNA	463.0 > 418.8	1.716e4	1.169e4	0.258		4.62	4.62	18.3	60.690		4.625	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	2.064e3		0.258	319.274	3.82	3.81	2060	25.070	51.7		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	2.064e3		0.258	319.274	3.82	3.81	2060	25.070	51.7		
19	69 13C2-PFOA-EIS	414.9 > 369.7	8.504e3		0.258	1394.720	4.19	4.18	8500	23.643	48.8		
20	69 13C2-PFOA-EIS	414.9 > 369.7	8.504e3		0.258	1394.720	4.19	4.18	8500	23.643	48.8		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.169e4		0.258	1417.984	4.63	4.62	11700	31.974	66.0		
22	-1												
23	23 L-PFOS	499 > 80	2.003e5	2.738e3	0.258		4.70	4.70	914	3829.174 *E		2.169	NO
24	1... Total PFOS	499 > 80	2.003e5	2.738e3	0.258		4.73		914	3829.174			
25	25 9Cl-PF30NS	531 > 351.0	9.796e3	2.738e3	0.258		4.91	4.92	44.7	49.104		29.174	NO
26	26 PFDA	513 > 468.8	1.635e4	1.288e4	0.258		5.00	5.00	15.9	43.193		6.045	NO
27	33 PFUdA	563.0 > 518.9	1.328e4	1.637e4	0.258		5.32	5.32	10.1	42.624		9.144	NO
28	73 13C8-PFOS-EIS	507.0 > 80	2.738e3		0.258	361.054	4.71	4.70	2740	29.409	60.7		
29	73 13C8-PFOS-EIS	507.0 > 80	2.738e3		0.258	361.054	4.71	4.70	2740	29.409	60.7		
30	73 13C8-PFOS-EIS	507.0 > 80	2.738e3		0.258	361.054	4.71	4.70	2740	29.409	60.7		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.288e4		0.258	1350.069	5.00	5.00	12900	37.001	76.3		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.637e4		0.258	1994.364	5.33	5.32	16400	31.826	65.7		
33	-1												
34	29 L-MeFOSAA	570 > 419	7.230e3	8.876e3	0.258		5.15	5.15	10.2	41.789		2.667	NO
35	1... Total N-MeFOSAA	570. > 419	7.230e3	8.876e3	0.258		5.17		10.2	41.789			
36	31 L-EtFOSAA	583.9 > 419	6.450e3	8.118e3	0.258		5.30	5.31	9.93	42.487		1.315	NO

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Name: 200714M1_72, Date: 15-Jul-2020, Time: 03:27:07, ID: B0G0034-MSD2 Matrix Spike Dup 0.25788, Description: Matrix Spike Dup

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	6.450e3	8.118e3	0.258		5.33		9.93	42.487			
38	35 11Cl-PF30UdS	630.9 > 450.9	9.079e3	1.886e4	0.258		5.54	5.54	6.02	43.340		22.209	NO
39	79 d3-N-MeFOSAA-EIS	573. > 419	8.876e3		0.258	1024.448	5.15	5.15	8880	33.596	69.3		
40	79 d3-N-MeFOSAA-EIS	573. > 419	8.876e3		0.258	1024.448	5.15	5.15	8880	33.596	69.3		
41	83 d5-N-EtFOSAA-EIS	589. > 419	8.118e3		0.258	964.220	5.31	5.30	8120	32.647	67.4		
42	83 d5-N-EtFOSAA-EIS	589. > 419	8.118e3		0.258	964.220	5.31	5.30	8120	32.647	67.4		
43	85 13C2-PFDoA-EIS	615 > 570	1.886e4		0.258	2212.380	5.62	5.61	18900	33.052	68.2		
44	-1												
45	37 PFDoA	612.9 > 569.0	1.597e4	1.886e4	0.258		5.61	5.61	10.6	41.293		9.026	NO
46	39 PFTrDA	662.9 > 618.9	1.404e4	1.886e4	0.258		5.86	5.86	9.31	39.334		8.901	NO
47	41 PFTeDA	713.0 > 669.0	1.634e4	1.120e4	0.258		6.07	6.07	18.2	45.084		13.156	NO
48	1... TDCA	498.3>106.9			0.258		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	2.738e3		0.258	361.054	4.71	4.70	2740	29.409	60.7		
50	85 13C2-PFDoA-EIS	615 > 570	1.886e4		0.258	2212.380	5.62	5.61	18900	33.052	68.2		
51	85 13C2-PFDoA-EIS	615 > 570	1.886e4		0.258	2212.380	5.62	5.61	18900	33.052	68.2		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.120e4		0.258	1536.348	6.08	6.07	11200	28.268	58.3		

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 22 Jul 2020 15:47:46

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_72, Date: 15-Jul-2020, Time: 03:27:07, ID: B0G0034-MSD2 Matrix Spike Dup 0.25788, Description: Matrix Spike Dup

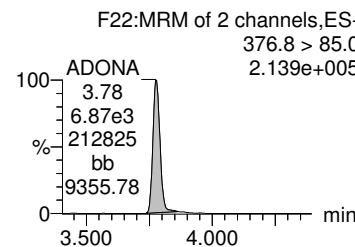
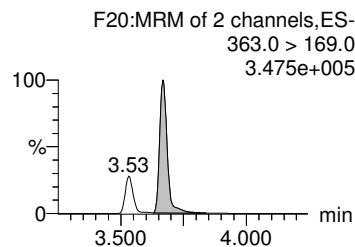
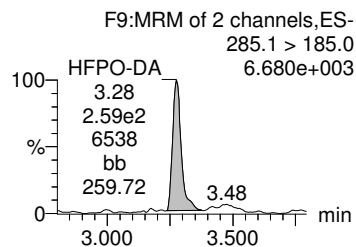
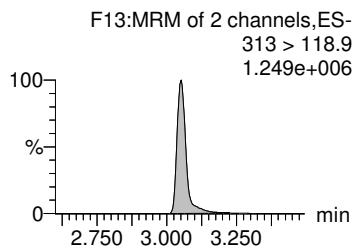
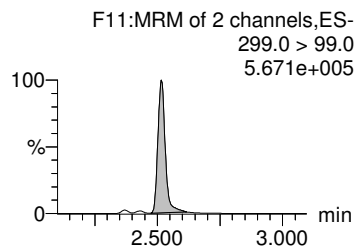
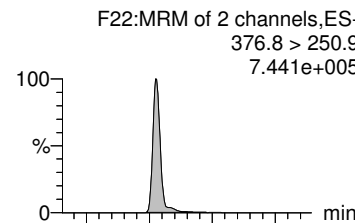
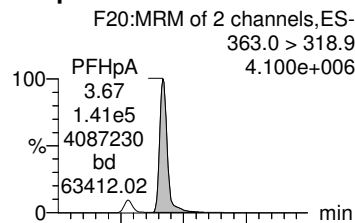
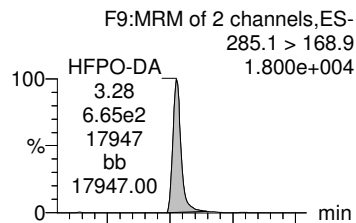
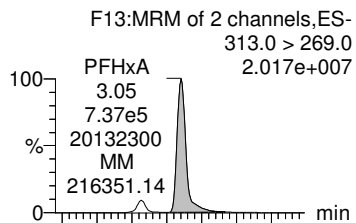
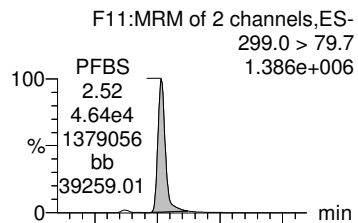
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



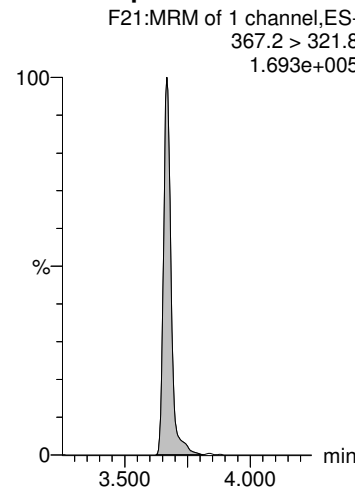
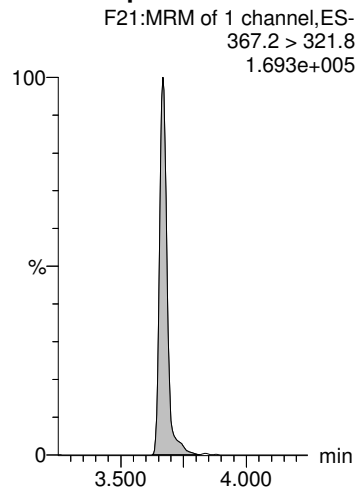
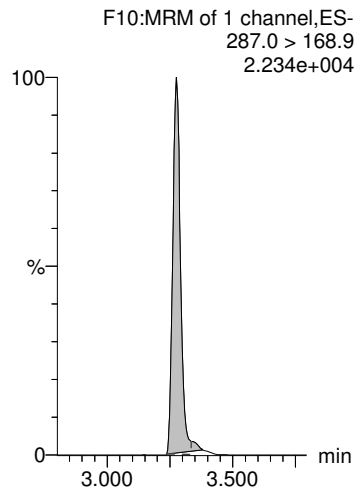
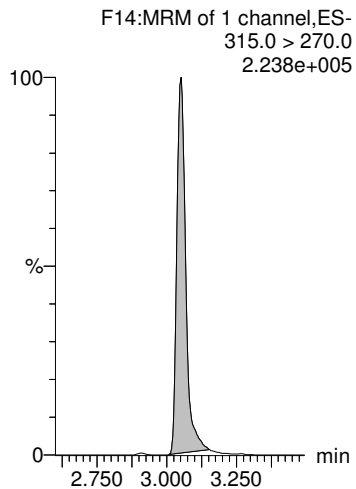
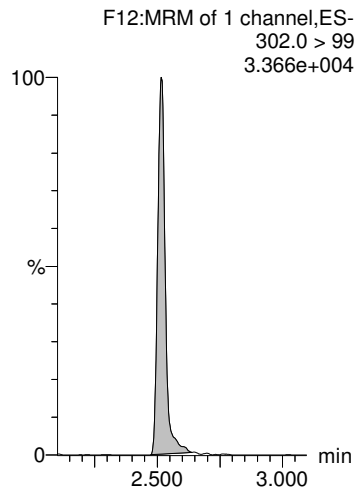
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



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Name: 200714M1_72, Date: 15-Jul-2020, Time: 03:27:07, ID: B0G0034-MSD2 Matrix Spike Dup 0.25788, Description: Matrix Spike Dup

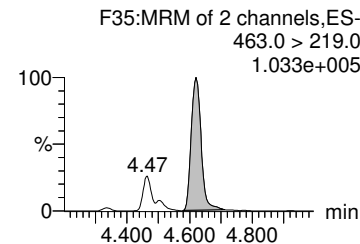
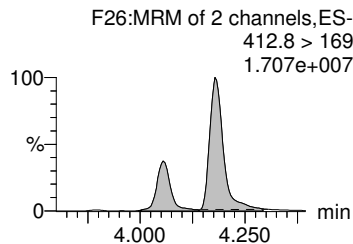
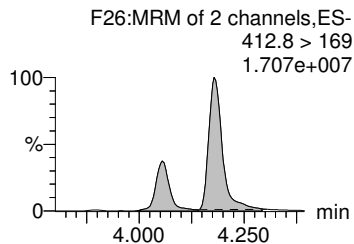
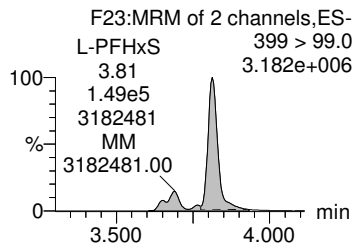
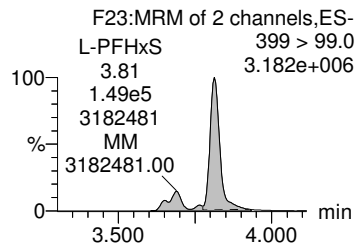
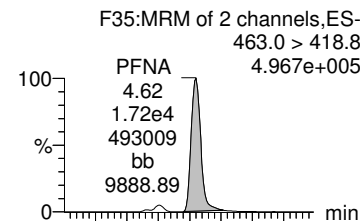
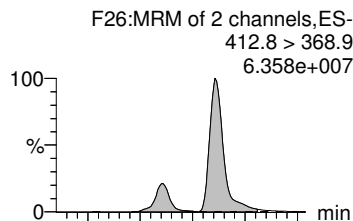
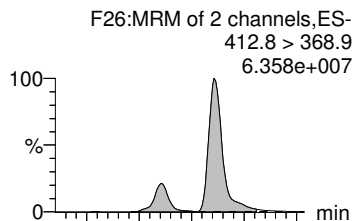
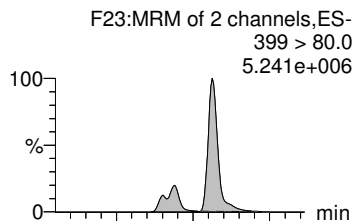
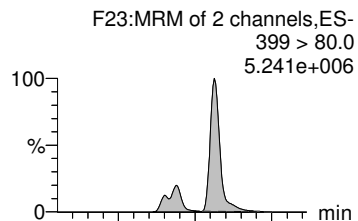
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



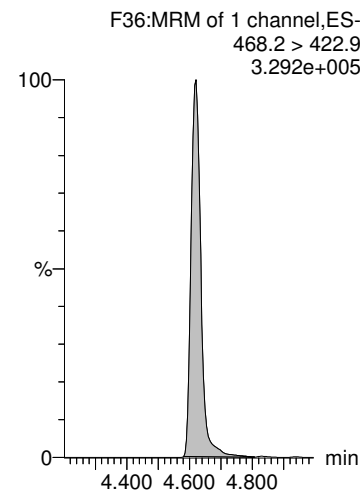
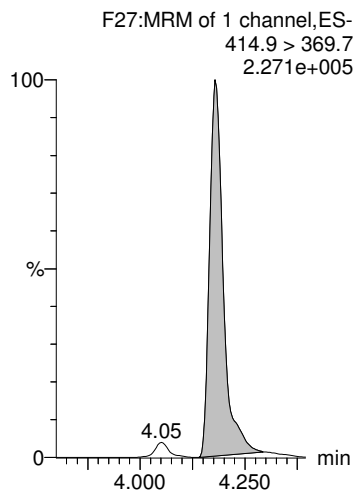
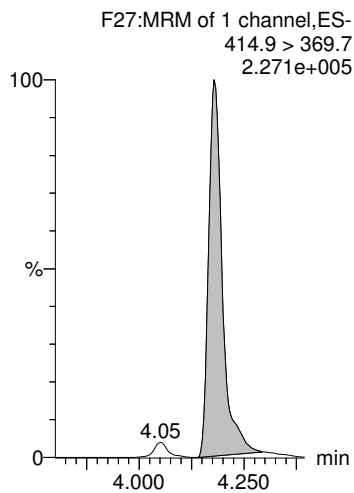
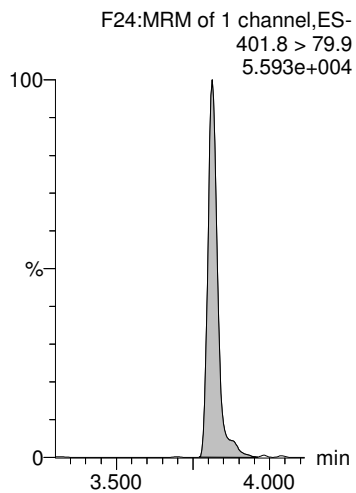
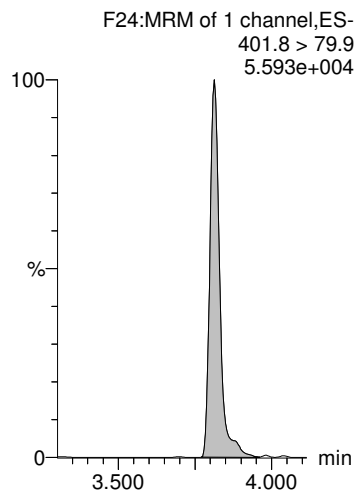
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



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Name: 200714M1_72, Date: 15-Jul-2020, Time: 03:27:07, ID: B0G0034-MSD2 Matrix Spike Dup 0.25788, Description: Matrix Spike Dup

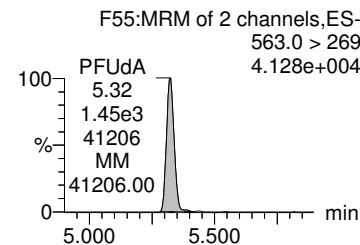
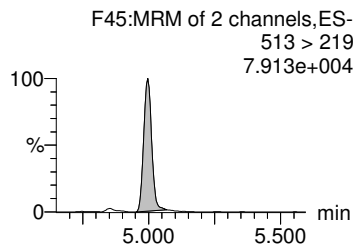
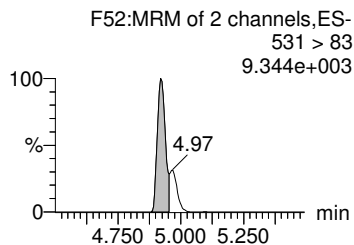
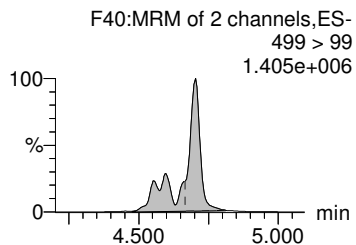
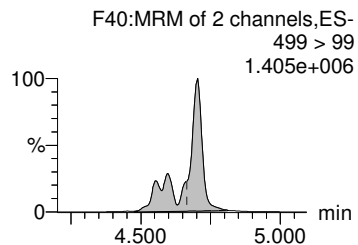
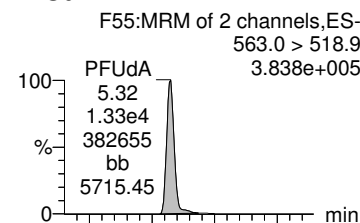
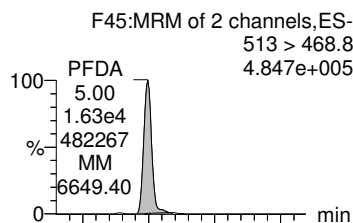
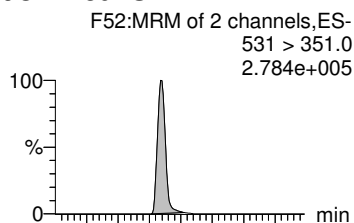
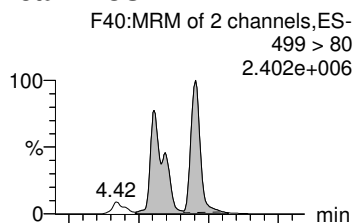
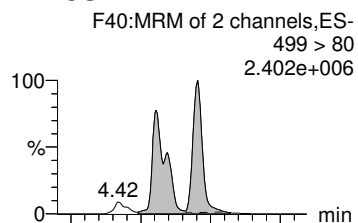
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



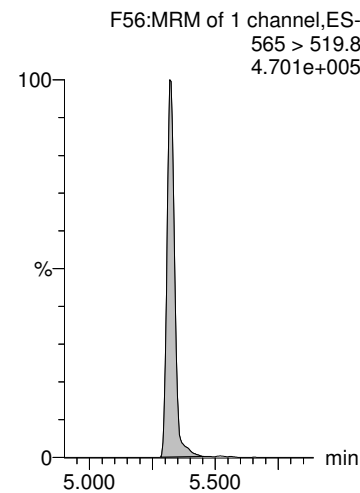
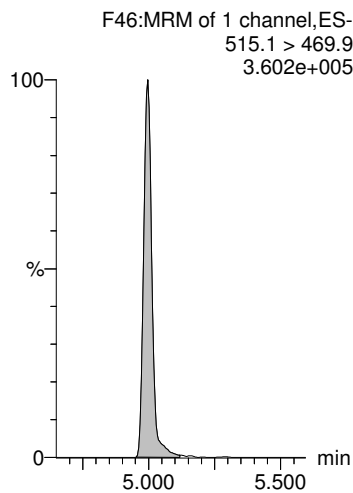
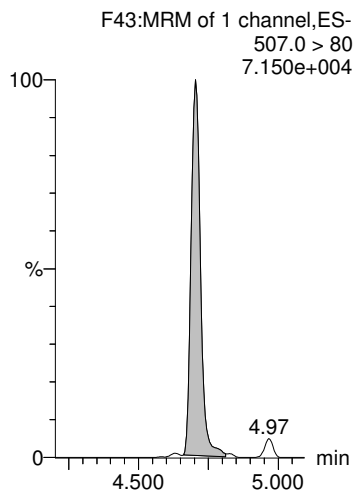
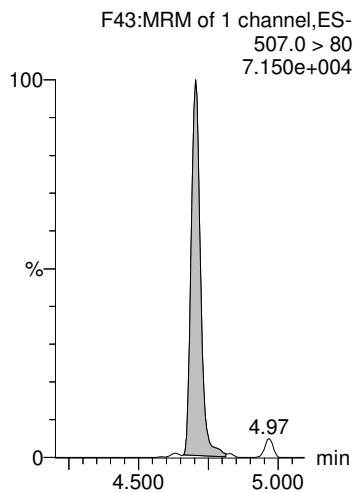
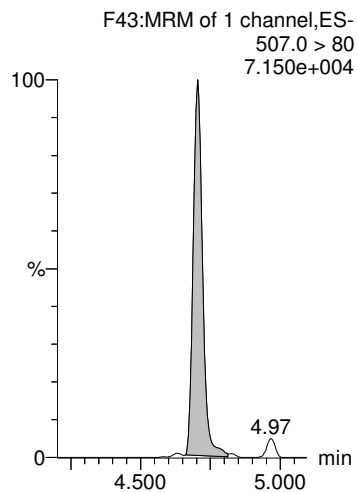
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS

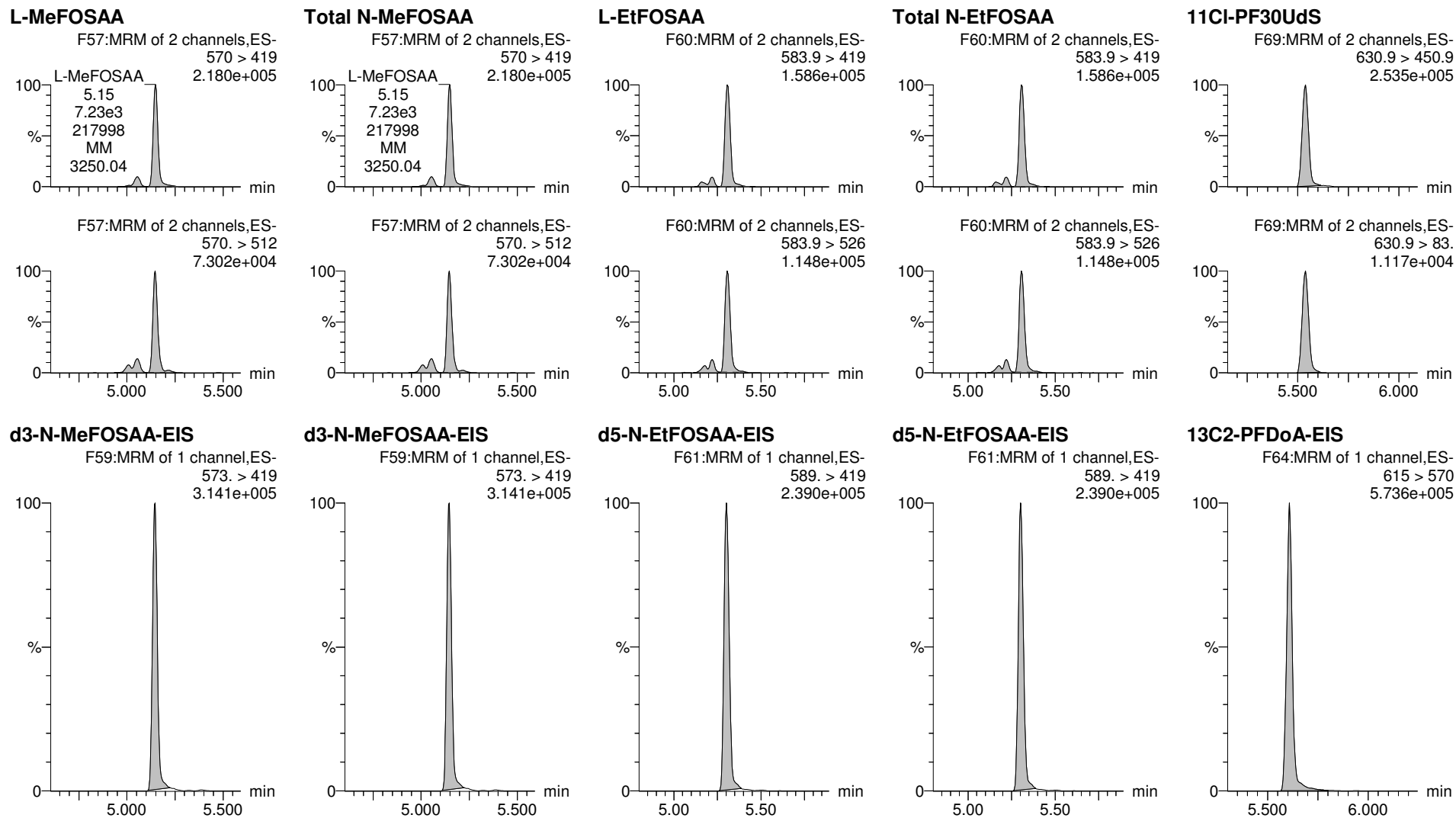


Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-72.qld

Last Altered: Wednesday, July 22, 2020 15:53:36 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 15:54:07 Pacific Daylight Time

Name: 200714M1_72, Date: 15-Jul-2020, Time: 03:27:07, ID: B0G0034-MSD2 Matrix Spike Dup 0.25788, Description: Matrix Spike Dup



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-72.qld

Last Altered: Wednesday, July 22, 2020 15:53:36 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 15:54:07 Pacific Daylight Time

Name: 200714M1_72, Date: 15-Jul-2020, Time: 03:27:07, ID: B0G0034-MSD2 Matrix Spike Dup 0.25788, Description: Matrix Spike Dup

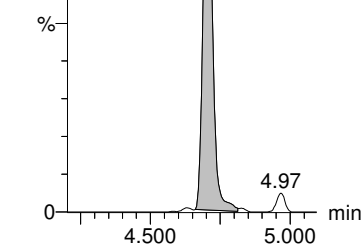
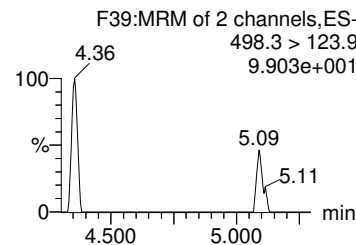
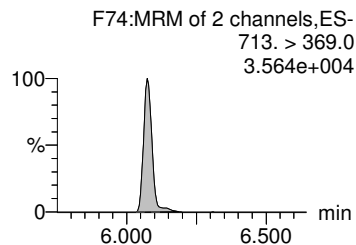
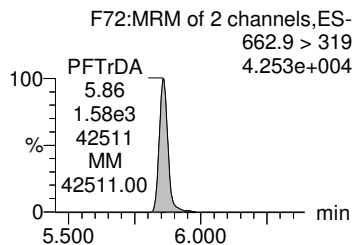
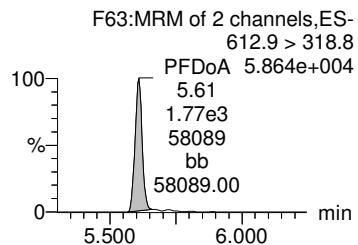
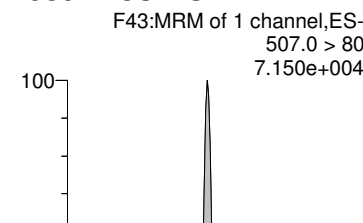
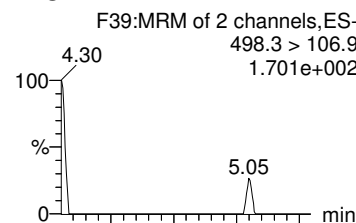
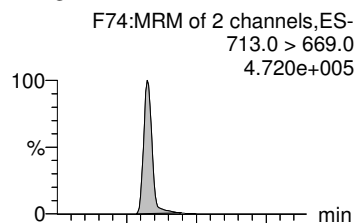
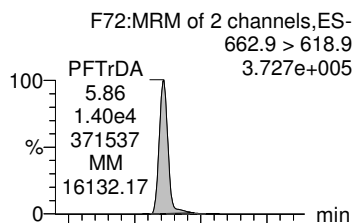
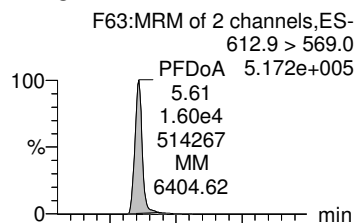
PFDoA

PFTTrDA

PFTeDA

TDCA

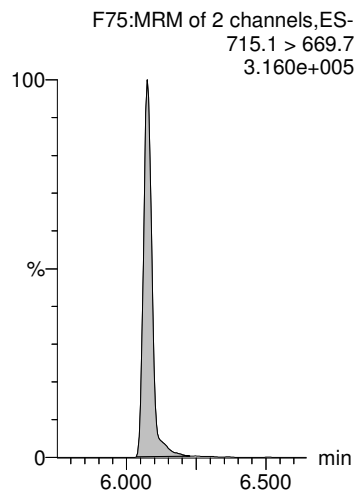
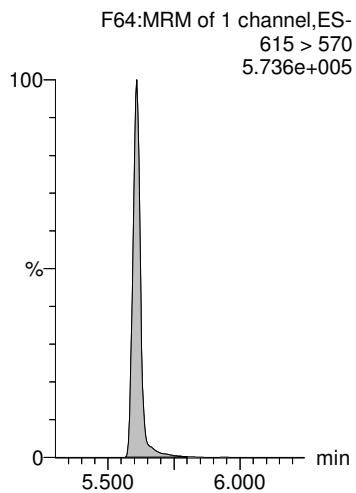
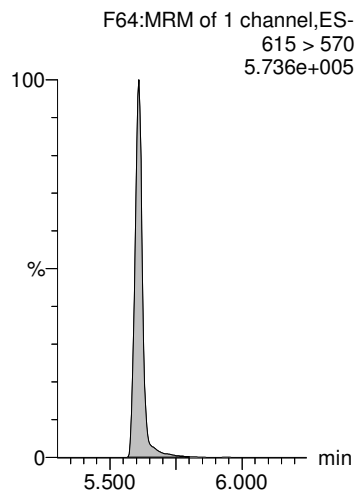
13C8-PFOS-EIS



13C2-PFDoA-EIS

13C2-PFDoA-EIS

13C2-PFTeDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-19.qld

Last Altered: Tuesday, July 21, 2020 20:15:50 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 16:28:53 Pacific Daylight Time

Name: 200715M1_19, Date: 15-Jul-2020, Time: 16:24:18, ID: B0G0034-MSD2@10X Matrix Spike Dup 0.25788, Description: Matrix Spike Dup

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	7 PFHxA	313.0 > 269.0	8.526e4	9.564e2	0.258		3.05	1114.368	4858.932		16.906	NO
2	13 L-PFHxS	399 > 80.0	3.008e4	2.092e2	0.258		3.81	1797.233	7479.632		1.734	NO
3	1... Total PFHxS	399 > 80	3.008e4	2.092e2	0.258			1797.233	7479.632			
4	23 L-PFOS	499 > 80	1.992e4	2.019e2	0.258		4.70	1233.489	5594.552		2.117	NO
5	1... Total PFOS	499 > 80	1.992e4	2.019e2	0.258			1233.489	5594.552			
6	69 13C2-PFOA-EIS	414.9 > 369.7	1.321e3		0.258	1379.301	4.18	1320.810	3.713	7.7		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	9.564e2		0.258	1140.399	3.05	956.379	3.252	6.7		
8	61 13C3-PFHxS-EIS	401.8 > 79.9	2.092e2		0.258	300.225	3.81	209.184	2.702	5.6		
9	61 13C3-PFHxS-EIS	401.8 > 79.9	2.092e2		0.258	300.225	3.81	209.184	2.702	5.6		
10	73 13C8-PFOS-EIS	507.0 > 80	2.019e2		0.258	325.478	4.70	201.871	2.405	5.0		
11	73 13C8-PFOS-EIS	507.0 > 80	2.019e2		0.258	325.478	4.70	201.871	2.405	5.0		
12	-1											

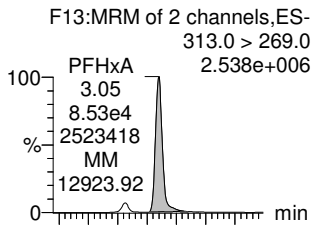
Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-19.qld

Last Altered: Tuesday, July 21, 2020 20:15:50 Pacific Daylight Time
Printed: Wednesday, July 22, 2020 16:28:53 Pacific Daylight Time

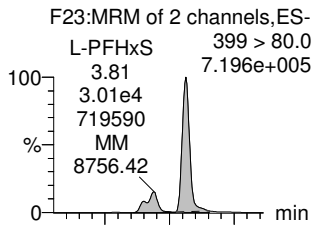
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 21 Jul 2020 20:11:06
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Name: 200715M1_19, Date: 15-Jul-2020, Time: 16:24:18, ID: B0G0034-MSD2@10X Matrix Spike Dup 0.25788, Description: Matrix Spike Dup

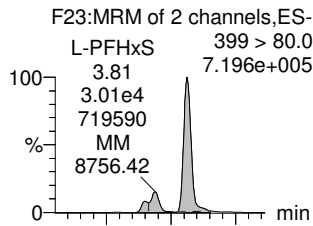
PFHxA



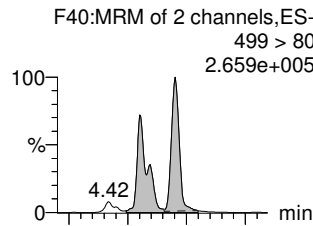
L-PFHxS



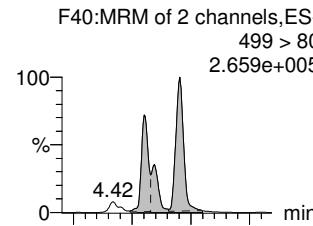
Total PFHxS



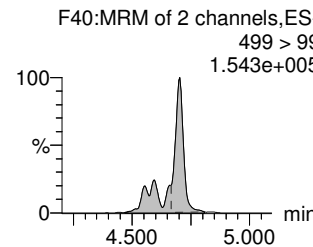
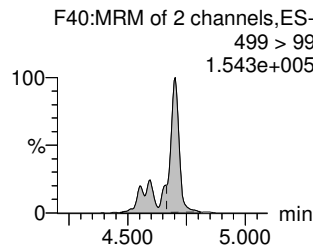
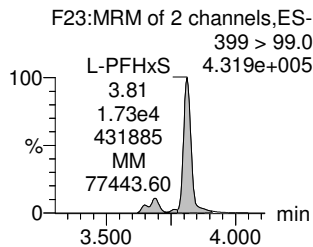
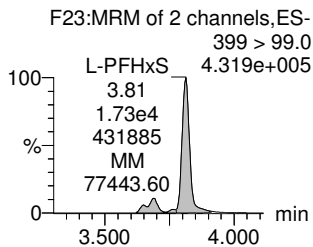
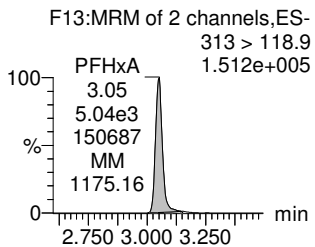
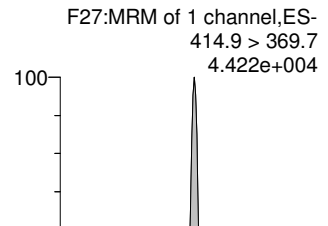
L-PFOS



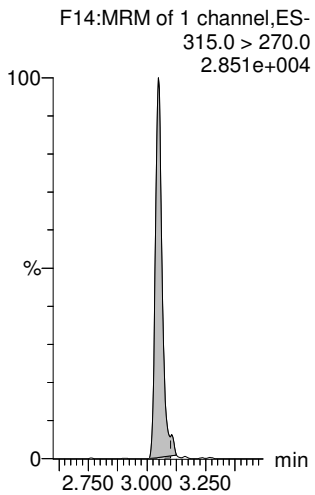
Total PFOS



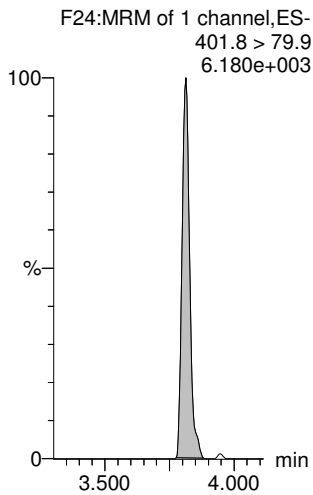
13C2-PFOA-EIS



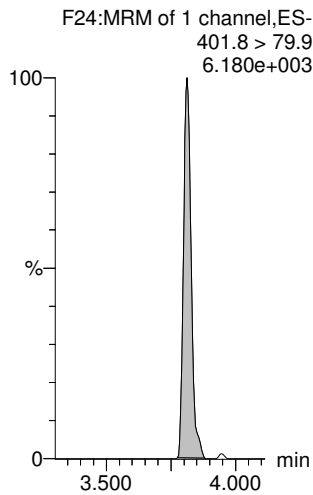
13C2-PFHxA-EIS



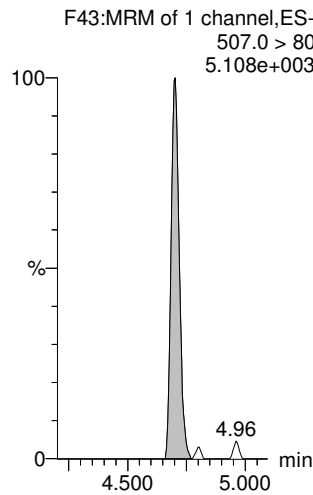
13C3-PFHxS-EIS



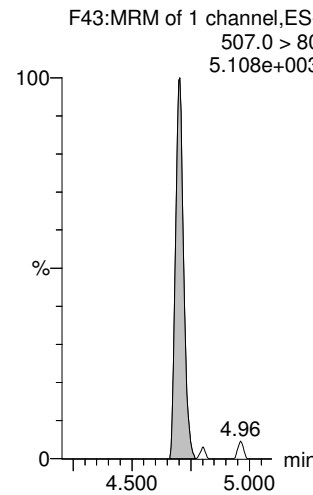
13C3-PFHxS-EIS



13C8-PFOS-EIS



13C8-PFOS-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-19 ug.qld

Last Altered: Wednesday, July 22, 2020 16:37:40 Pacific Daylight Time
Printed: Wednesday, July 22, 2020 16:38:48 Pacific Daylight Time

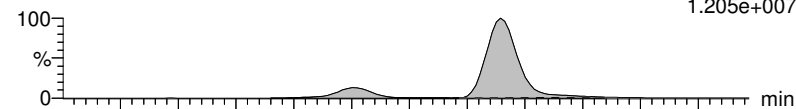
*Conc. in ug/L

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 22 Jul 2020 16:37:06
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

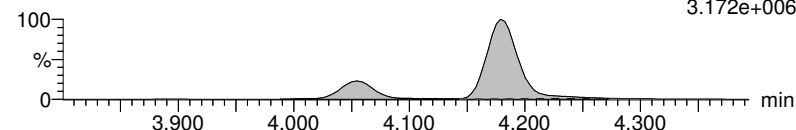
Name: 200715M1_19, Date: 15-Jul-2020, Time: 16:24:18, ID: B0G0034-MSD2@10X Matrix Spike Dup 0.25788, Description: Matrix Spike Dup

L-PFOA

200715M1_19 Smooth(Mn,1x2) F26:MRM of 2 channels,ES-
Matrix Spike Dup B0G0034-MSD2@10X Matrix Spike Dup 0.25788 412.8 > 368.9
1.205e+007

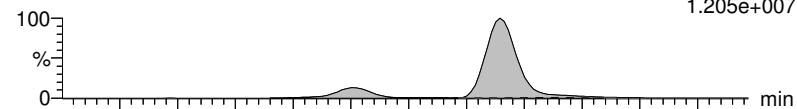


200715M1_19 Smooth(Mn,1x2) F26:MRM of 2 channels,ES-
Matrix Spike Dup B0G0034-MSD2@10X Matrix Spike Dup 0.25788 412.8 > 169
3.172e+006

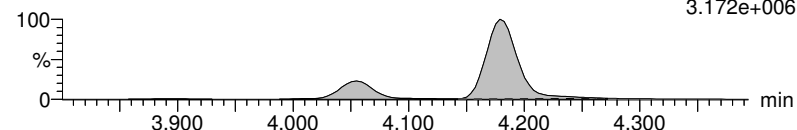


Total PFOA

200715M1_19 Smooth(Mn,1x2) F26:MRM of 2 channels,ES-
Matrix Spike Dup B0G0034-MSD2@10X Matrix Spike Dup 0.25788 412.8 > 368.9
1.205e+007

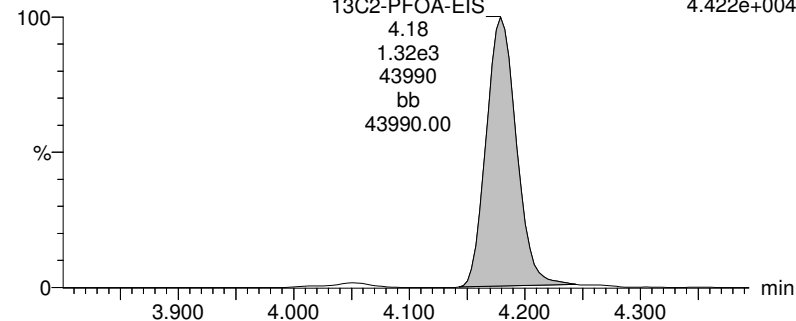


200715M1_19 Smooth(Mn,1x2) F26:MRM of 2 channels,ES-
Matrix Spike Dup B0G0034-MSD2@10X Matrix Spike Dup 0.25788 412.8 > 169
3.172e+006



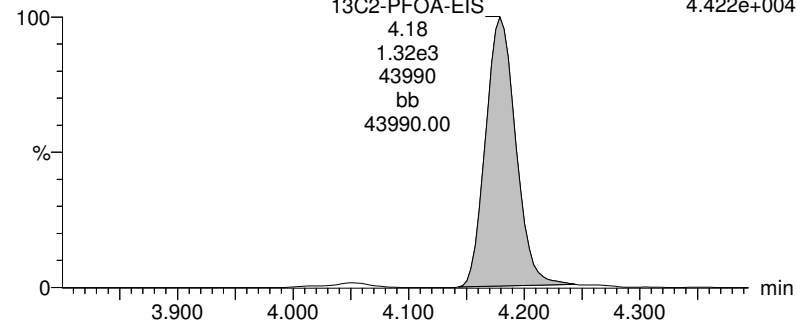
13C2-PFOA-EIS

200715M1_19 Smooth(Mn,1x2) F27:MRM of 1 channel,ES-
Matrix Spike Dup B0G0034-MSD2@10X Matrix Spike Dup 0.25788 414.9 > 369.7
4.422e+004



13C2-PFOA-EIS

200715M1_19 Smooth(Mn,1x2) F27:MRM of 1 channel,ES-
Matrix Spike Dup B0G0034-MSD2@10X Matrix Spike Dup 0.25788 414.9 > 369.7
4.422e+004



#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	16 L-PFOA	412.8 > 368.9	4.481e5	1.321e3	0.258		4.18	4.241	10.774		3.499	NO
2	1... Total PFOA	412.8 > 368.9	4.481e5	1.321e3	0.258			4.241	10.774			
3	69 13C2-PFOA-EIS	414.9 > 369.7	1.321e3		0.258	1379.301	4.18	1320.810	3.713	7660.8	7.66	
4	69 13C2-PFOA-EIS	414.9 > 369.7	1.321e3		0.258	1379.301	4.18	1320.810	3.713	7660.8	7.66	

Dataset: M:\Projects\PFAS.PRO\Results\200716M1\200716M1-31.qld

Last Altered: Tuesday, July 21, 2020 13:17:59 Pacific Daylight Time

*See Dilution

Printed: Tuesday, July 21, 2020 13:18:31 Pacific Daylight Time

Name: 200716M1_31, Date: 16-Jul-2020, Time: 20:28:45, ID: 2001409-09 I003MW02D-20200701 0.25658, Description: I003MW02D-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	1.707e4	1.164e3	0.257		2.47	2.47	183	364.107		2.528	NO
2	7 PFHxA	313.0 > 269.0	4.436e5	7.849e3	0.257		3.01	3.01	706	3091.056	*E	17.326	NO
3	9 HFPO-DA	285.1 > 168.9		6.744e2	0.257		3.24						YES
4	11 PFHpA	363.0 > 318.9	7.191e4	5.401e3	0.257		3.63	3.63	166	536.674		11.472	NO
5	12 ADONA	376.8 > 250.9		5.401e3	0.257		3.72						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.164e3		0.257	128.650	2.47	2.47	1160	35.255	72.4		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	7.849e3		0.257	1137.740	3.00	3.01	7850	26.888	55.2		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	6.744e2		0.257	92.194	3.23	3.24	674	28.508	58.5		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	5.401e3		0.257	692.259	3.63	3.63	5400	30.408	62.4		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	5.401e3		0.257	692.259	3.63	3.63	5400	30.408	62.4		
11	-1												
12	13 L-PFHxS	399 > 80.0	1.181e5	2.356e3	0.257		3.78	3.78	626	2547.556	*E	1.658	NO
13	1... Total PFHxS	399 > 80	1.181e5	2.356e3	0.257		3.83		626	2547.556			
14	16 L-PFOA	412.8 > 368.9	2.695e6	7.860e3	0.257		4.14	4.14	4290		E*	3.312	NO
15	1... Total PFOA	412.8 > 368.9	2.695e6	7.860e3	0.257		4.20		0.000				
16	21 PFNA	463.0 > 418.8	1.063e3	1.075e4	0.257		4.59	4.59	1.24	3.915		5.034	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	2.356e3		0.257	314.930	3.77	3.78	2360	29.152	59.8		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	2.356e3		0.257	314.930	3.77	3.78	2360	29.152	59.8		
19	69 13C2-PFOA-EIS	414.9 > 369.7	7.860e3		0.257	1399.638	4.14	4.14	7860	21.888	44.9		
20	69 13C2-PFOA-EIS	414.9 > 369.7	7.860e3		0.257	1399.638	4.14	4.14	7860	21.888	44.9		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.075e4		0.257	1287.206	4.58	4.59	10700	32.541	66.8		
22	-1												
23	23 L-PFOS	499 > 80	5.367e4	3.055e3	0.257		4.67	4.52	220	879.273		2.307	NO
24	1... Total PFOS	499 > 80	5.367e4	3.055e3	0.257		4.73		220	879.273			
25	25 9Cl-PF30NS	531 > 351.0		3.055e3	0.257		4.88						YES
26	26 PFDA	513 > 468.8		1.024e4	0.257		4.96						YES
27	33 PFUdA	563.0 > 518.9		1.512e4	0.257		5.30						YES
28	73 13C8-PFOS-EIS	507.0 > 80	3.055e3		0.257	345.707	4.67	4.67	3050	34.441	70.7		
29	73 13C8-PFOS-EIS	507.0 > 80	3.055e3		0.257	345.707	4.67	4.67	3050	34.441	70.7		
30	73 13C8-PFOS-EIS	507.0 > 80	3.055e3		0.257	345.707	4.67	4.67	3050	34.441	70.7		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.024e4		0.257	1219.007	4.96	4.96	10200	32.747	67.2		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.512e4		0.257	1866.610	5.29	5.30	15100	31.563	64.8		
33	-1												
34	29 L-MeFOSAA	570 > 419		8.789e3	0.257		5.12						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	8.789e3	0.257		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419		6.918e3	0.257		5.27						YES

Dataset: M:\Projects\PFAS.PRO\Results\200716M1\200716M1-31.qld

Last Altered: Tuesday, July 21, 2020 13:17:59 Pacific Daylight Time

Printed: Tuesday, July 21, 2020 13:18:31 Pacific Daylight Time

Name: 200716M1_31, Date: 16-Jul-2020, Time: 20:28:45, ID: 2001409-09 I003MW02D-20200701 0.25658, Description: I003MW02D-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	0.000e0	6.918e3	0.257		5.33		0.000				
38	35 11Cl-PF30UdS	630.9 > 450.9		1.647e4	0.257		5.51						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	8.789e3		0.257	1100.634	5.11	5.12	8790	31.124	63.9		
40	79 d3-N-MeFOSAA-EIS	573. > 419	8.789e3		0.257	1100.634	5.11	5.12	8790	31.124	63.9		
41	83 d5-N-EtFOSAA-EIS	589. > 419	6.918e3		0.257	974.623	5.27	5.27	6920	27.666	56.8		
42	83 d5-N-EtFOSAA-EIS	589. > 419	6.918e3		0.257	974.623	5.27	5.27	6920	27.666	56.8		
43	85 13C2-PFDoA-EIS	615 > 570	1.647e4		0.257	2166.175	5.58	5.58	16500	29.632	60.8		
44	-1												
45	37 PFDoA	612.9 > 569.0		1.647e4	0.257		5.58						YES
46	39 PFTrDA	662.9 > 618.9		1.647e4	0.257		5.83						YES
47	41 PFTeDA	713.0 > 669.0		1.072e4	0.257		6.05						YES
48	1... TDCA	498.3>106.9			0.257		5.07						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.055e3		0.257	345.707	4.67	4.67	3050	34.441	70.7		
50	85 13C2-PFDoA-EIS	615 > 570	1.647e4		0.257	2166.175	5.58	5.58	16500	29.632	60.8		
51	85 13C2-PFDoA-EIS	615 > 570	1.647e4		0.257	2166.175	5.58	5.58	16500	29.632	60.8		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.072e4		0.257	1473.321	6.05	6.05	10700	28.358	58.2		

Dataset: M:\Projects\PFAS.PRO\Results\200716M1\200716M1-31.qld

Last Altered: Tuesday, July 21, 2020 13:17:59 Pacific Daylight Time

Printed: Tuesday, July 21, 2020 13:18:31 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 21 Jul 2020 13:09:10

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Name: 200716M1_31, Date: 16-Jul-2020, Time: 20:28:45, ID: 2001409-09 I003MW02D-20200701 0.25658, Description: I003MW02D-20200701

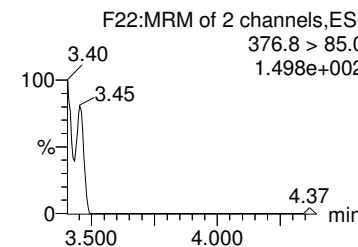
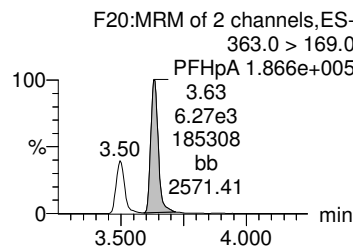
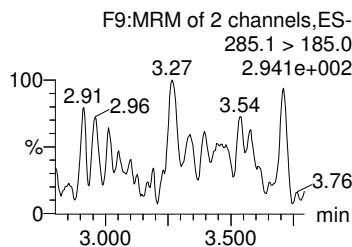
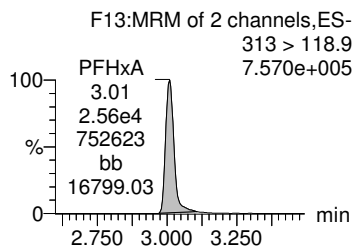
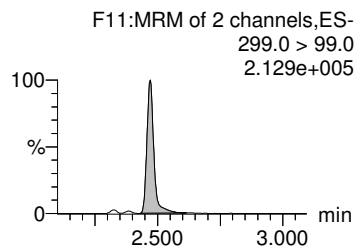
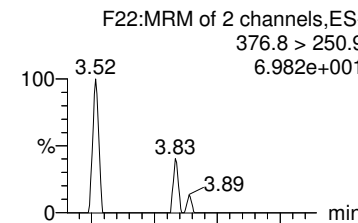
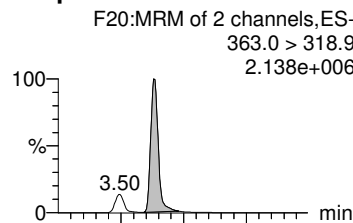
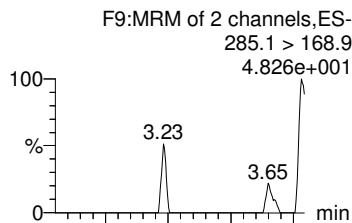
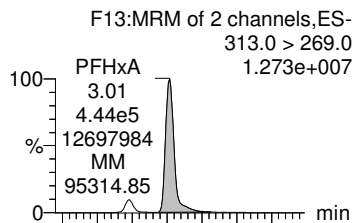
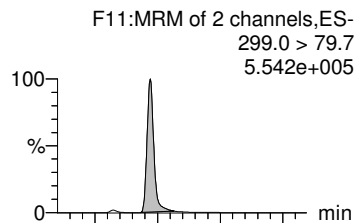
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



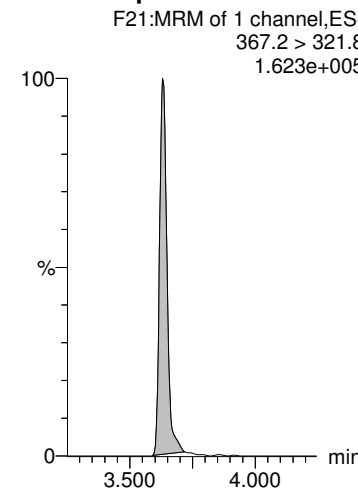
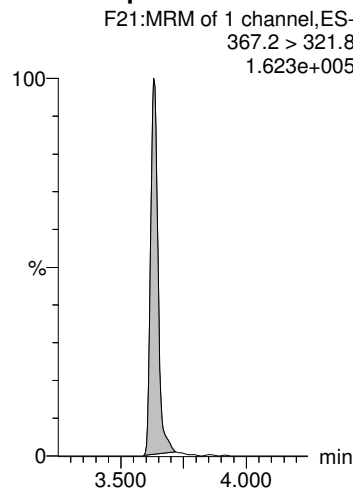
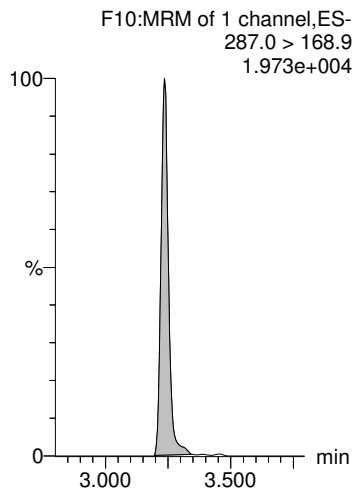
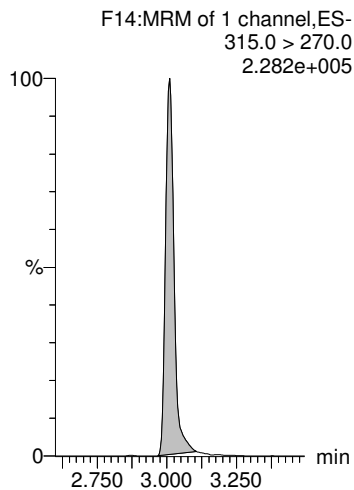
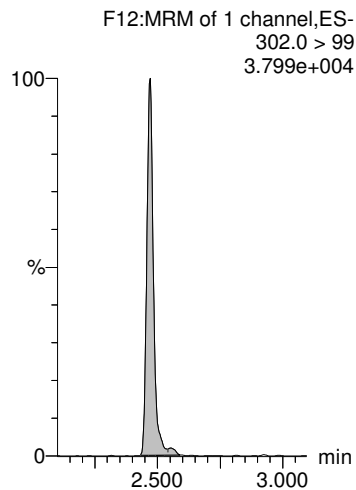
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200716M1\200716M1-31.qld

Last Altered: Tuesday, July 21, 2020 13:17:59 Pacific Daylight Time

Printed: Tuesday, July 21, 2020 13:18:31 Pacific Daylight Time

Name: 200716M1_31, Date: 16-Jul-2020, Time: 20:28:45, ID: 2001409-09 I003MW02D-20200701 0.25658, Description: I003MW02D-20200701

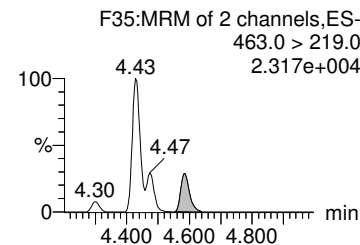
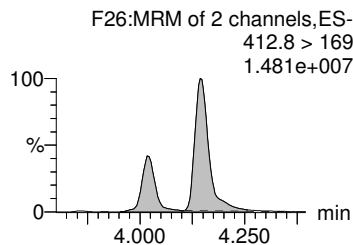
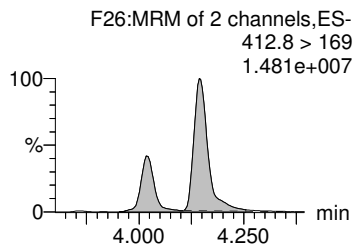
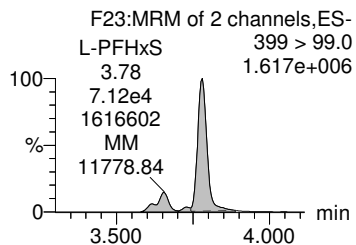
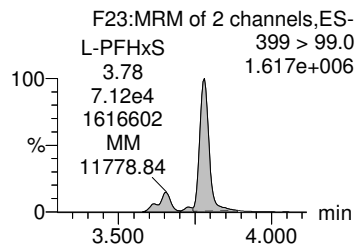
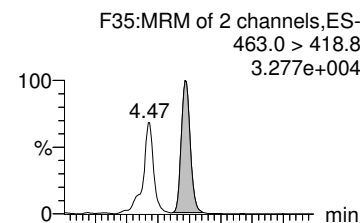
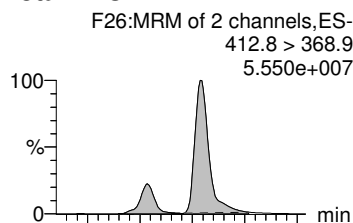
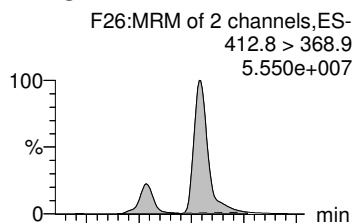
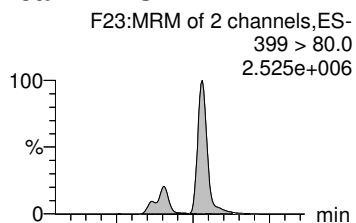
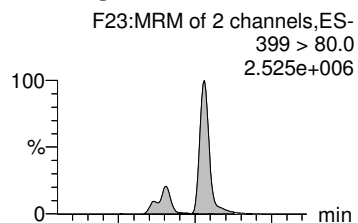
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



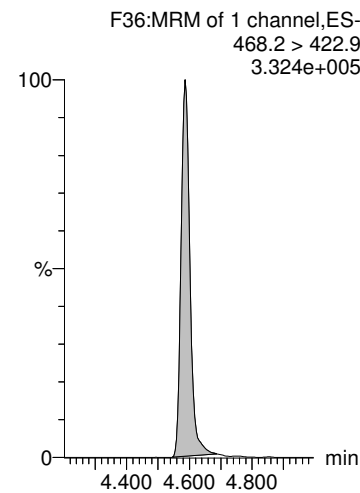
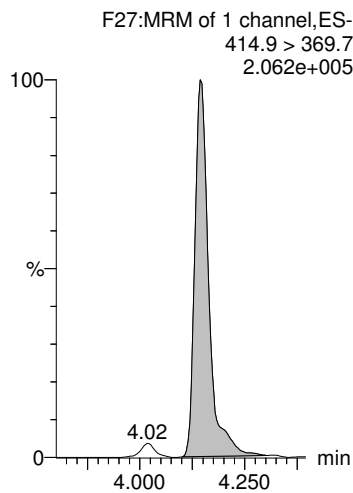
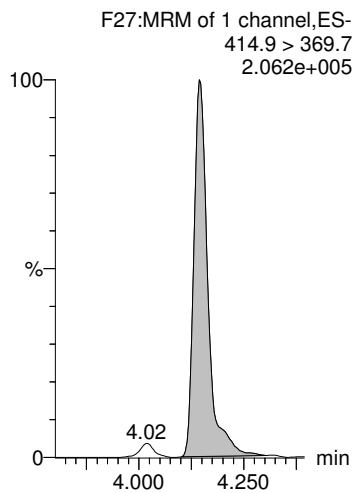
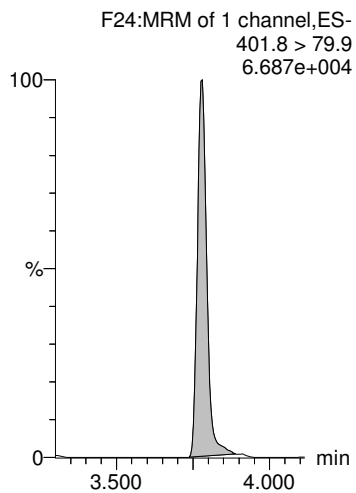
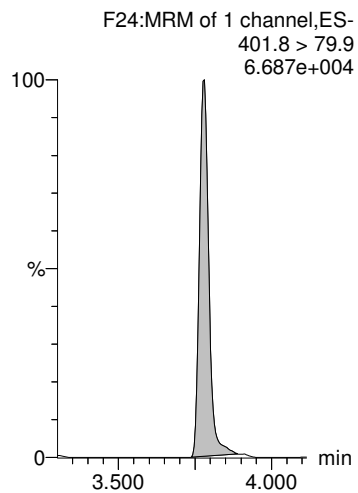
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200716M1\200716M1-31.qld

Last Altered: Tuesday, July 21, 2020 13:17:59 Pacific Daylight Time

Printed: Tuesday, July 21, 2020 13:18:31 Pacific Daylight Time

Name: 200716M1_31, Date: 16-Jul-2020, Time: 20:28:45, ID: 2001409-09 I003MW02D-20200701 0.25658, Description: I003MW02D-20200701

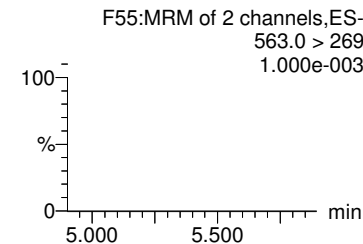
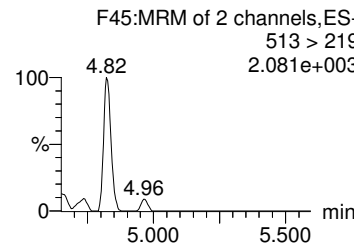
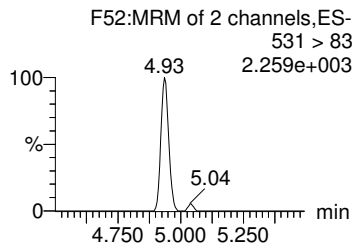
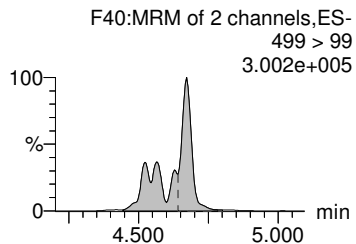
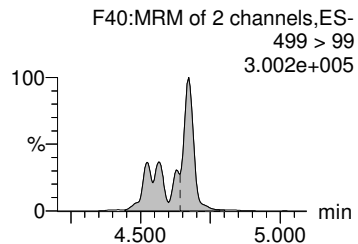
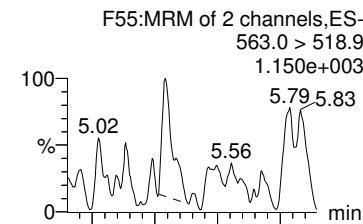
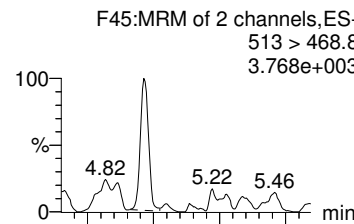
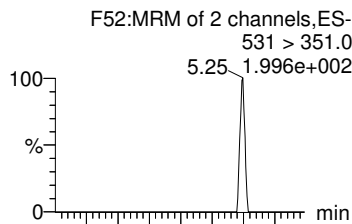
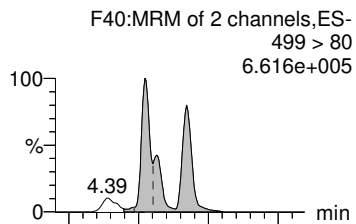
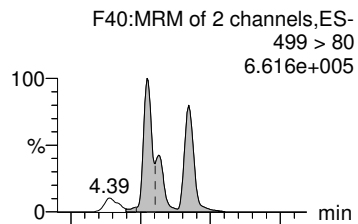
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



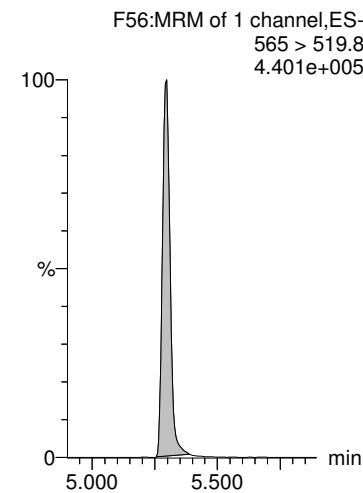
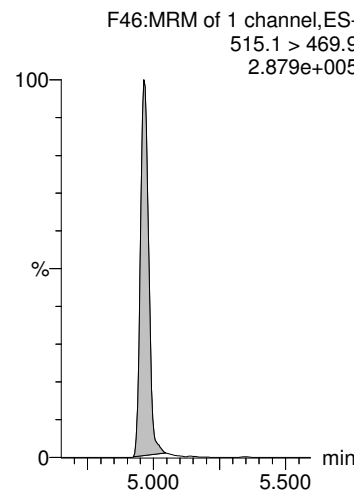
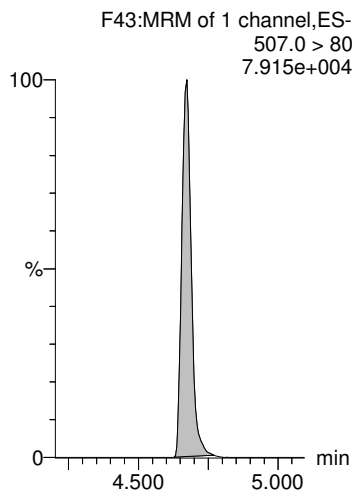
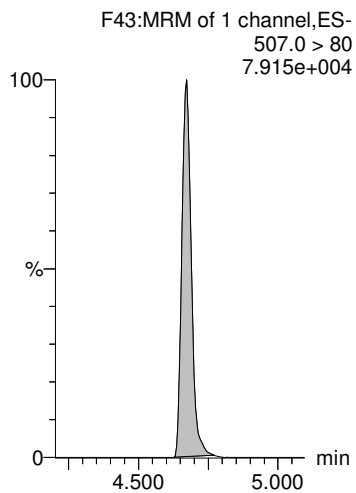
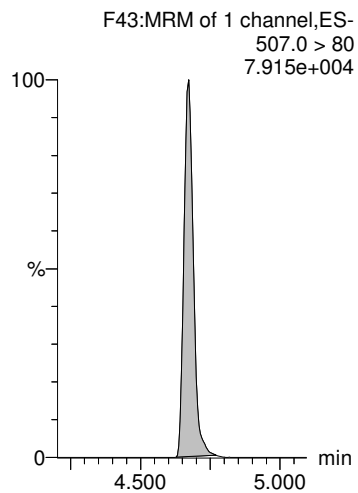
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



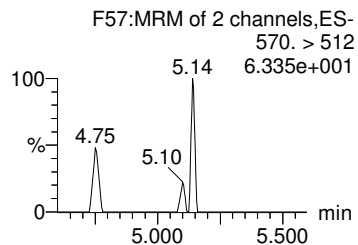
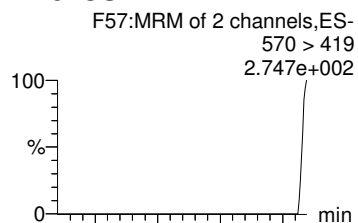
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Last Altered: Tuesday, July 21, 2020 13:17:59 Pacific Daylight Time

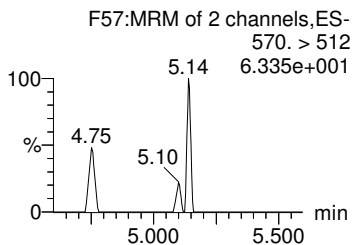
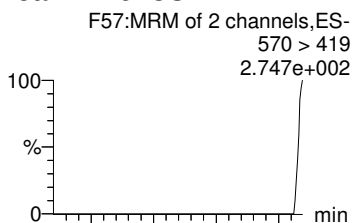
Printed: Tuesday, July 21, 2020 13:18:31 Pacific Daylight Time

Name: 200716M1_31, Date: 16-Jul-2020, Time: 20:28:45, ID: 2001409-09 I003MW02D-20200701 0.25658, Description: I003MW02D-20200701

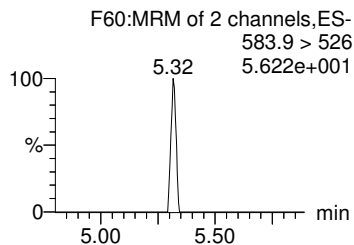
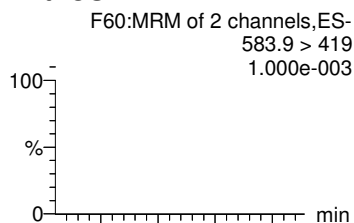
L-MeFOSAA



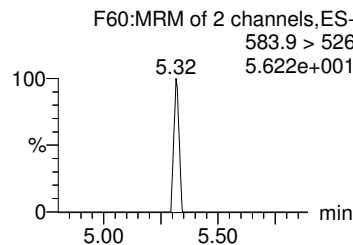
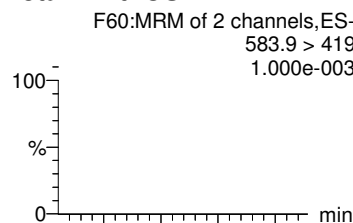
Total N-MeFOSAA



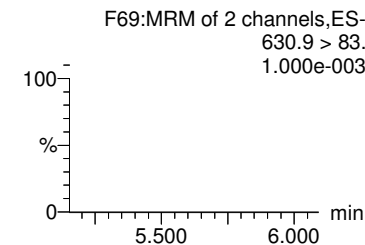
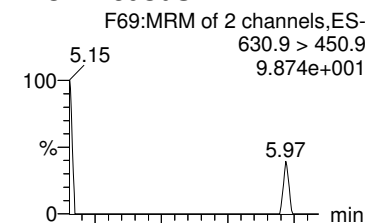
L-EtFOSAA



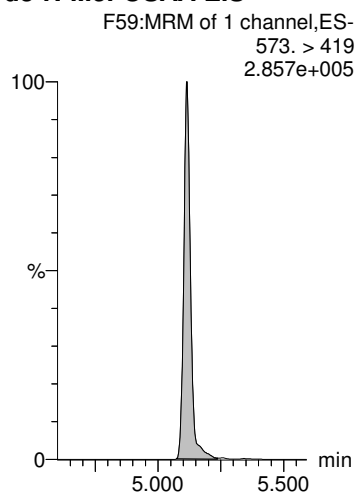
Total N-EtFOSAA



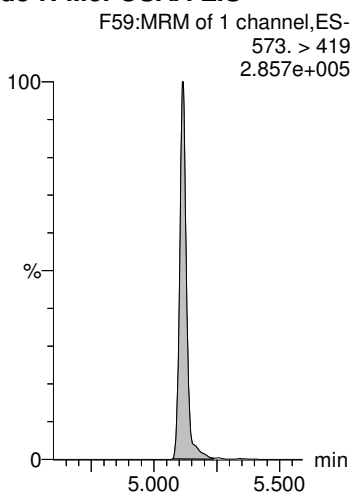
11CI-PF30UdS



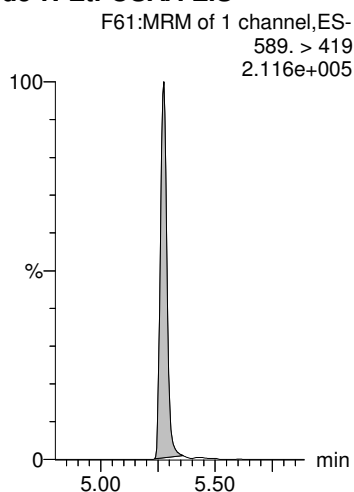
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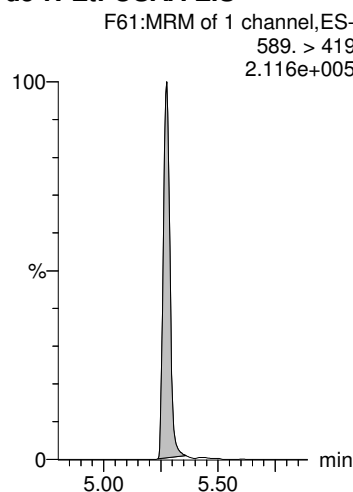
d3-N-MeFOSAA-EIS



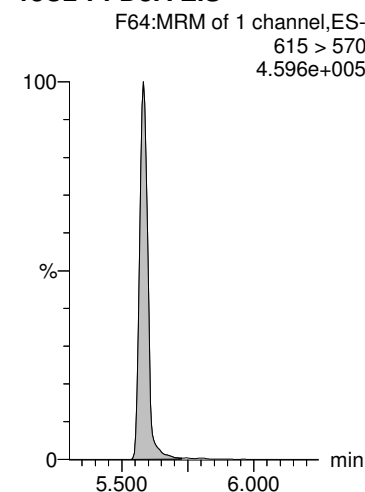
d5-N-EtFOSAA-EIS



d5-N-EtFOSAA-EIS



13C2-PFDoA-EIS



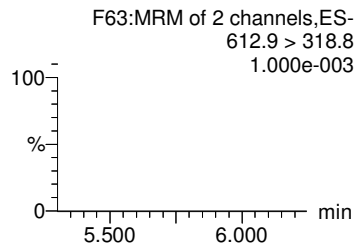
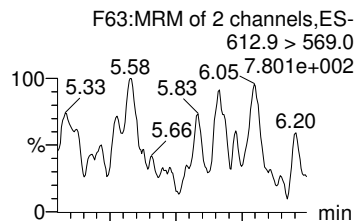
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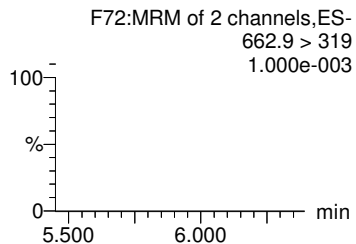
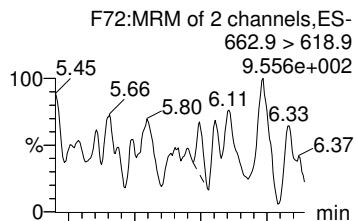
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Name: 200716M1_31, Date: 16-Jul-2020, Time: 20:28:45, ID: 2001409-09 I003MW02D-20200701 0.25658, Description: I003MW02D-20200701

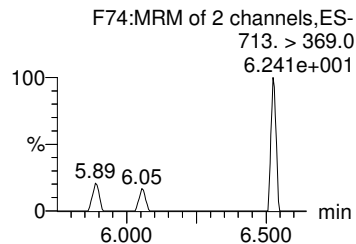
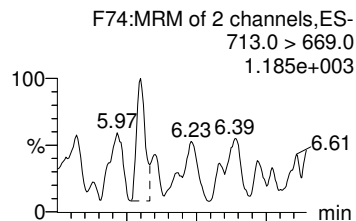
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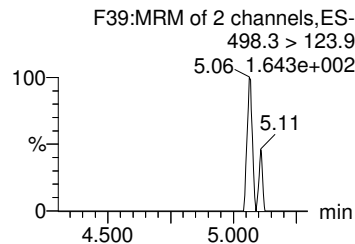
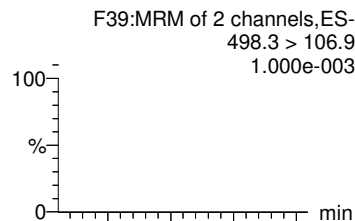
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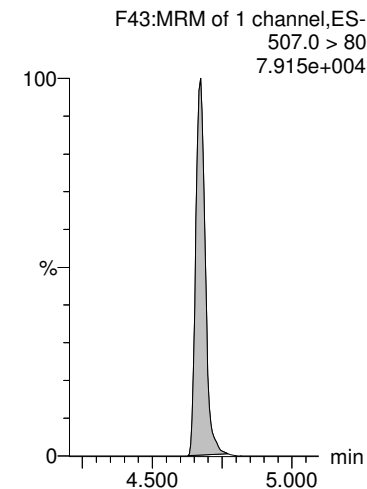
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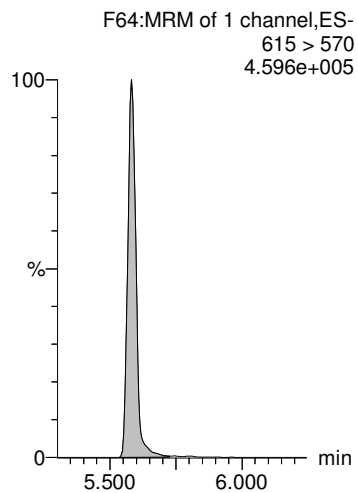
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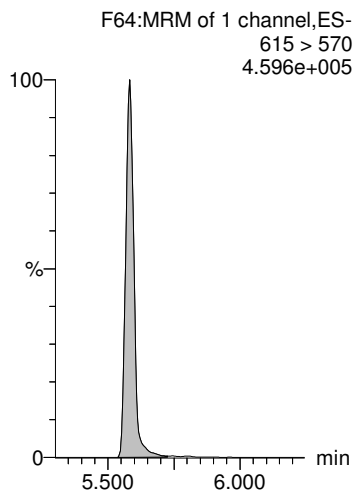
13C₈-PFOS-EIS



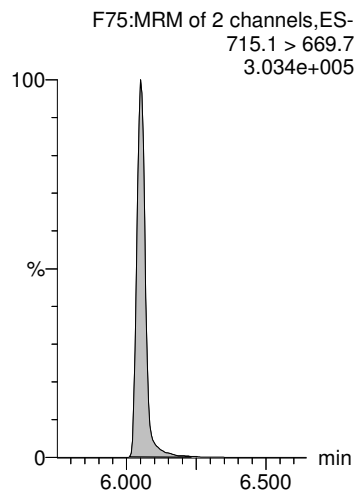
13C₂-PFD_oA-EIS



13C₂-PFD_oA-EIS



13C₂-PFT_eDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-21.qld

Last Altered: Tuesday, July 21, 2020 20:38:20 Pacific Daylight Time
Printed: Wednesday, July 22, 2020 16:22:02 Pacific Daylight Time

Name: 200715M1_21, Date: 15-Jul-2020, Time: 16:45:05, ID: 2001409-09@10X I003MW02D-20200701 0.25658, Description: I003MW02D-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	7 PFHxA	313.0 > 269.0	1.001e5	1.923e3	0.257		3.05	650.738	2590.523		16.725	NO
2	13 L-PFHxS	399 > 80.0	2.743e4	5.221e2	0.257		3.82	656.700	2485.484		1.858	NO
3	1... Total PFHxS	399 > 80	2.743e4	5.221e2	0.257			656.700	2485.484			
4	23 L-PFOS	499 > 80	1.076e4	5.356e2	0.257		4.56	251.157	972.282		2.383	NO
5	1... Total PFOS	499 > 80	1.076e4	5.356e2	0.257			251.157	972.282			
6	69 13C2-PFOA-EIS	414.9 > 369.7	2.435e3		0.257	1379.301	4.18	2434.785	6.880	14.1		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.923e3		0.257	1140.399	3.05	1923.076	6.572	13.5		
8	61 13C3-PFHxS-EIS	401.8 > 79.9	5.221e2		0.257	300.225	3.82	522.131	6.778	13.9		
9	61 13C3-PFHxS-EIS	401.8 > 79.9	5.221e2		0.257	300.225	3.82	522.131	6.778	13.9		
10	73 13C8-PFOS-EIS	507.0 > 80	5.356e2		0.257	325.478	4.70	535.633	6.414	13.2		
11	73 13C8-PFOS-EIS	507.0 > 80	5.356e2		0.257	325.478	4.70	535.633	6.414	13.2		
12	-1											

use original

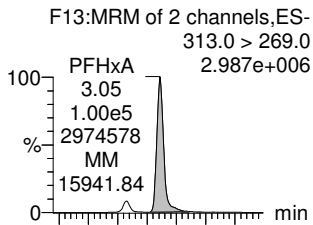
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Last Altered: Tuesday, July 21, 2020 20:38:20 Pacific Daylight Time
Printed: Wednesday, July 22, 2020 16:22:02 Pacific Daylight Time

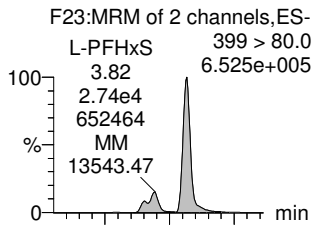
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Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Name: 200715M1_21, Date: 15-Jul-2020, Time: 16:45:05, ID: 2001409-09@10X I003MW02D-20200701 0.25658, Description: I003MW02D-20200701

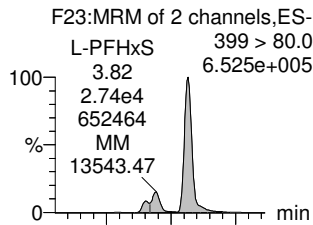
PFHxA



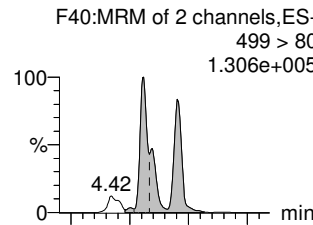
L-PFHxS



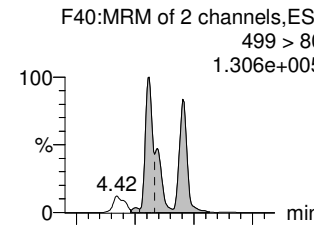
Total PFHxS



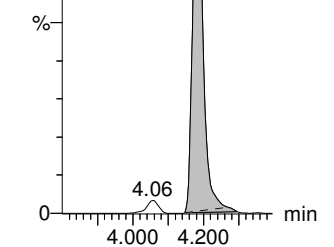
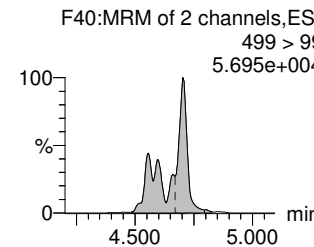
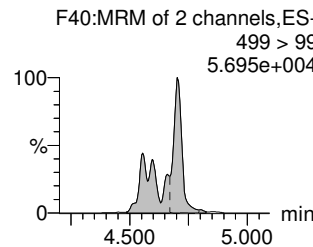
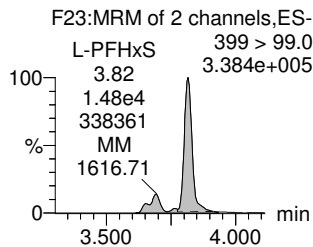
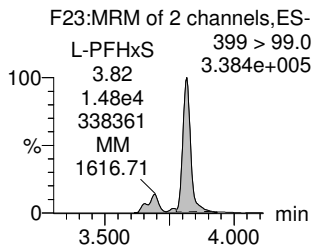
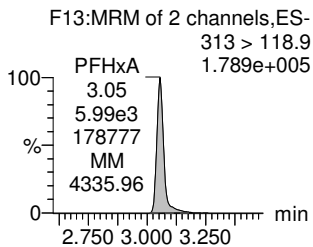
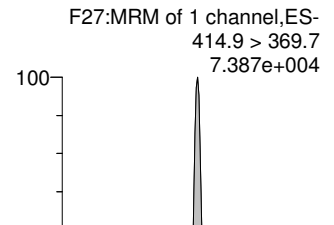
L-PFOS



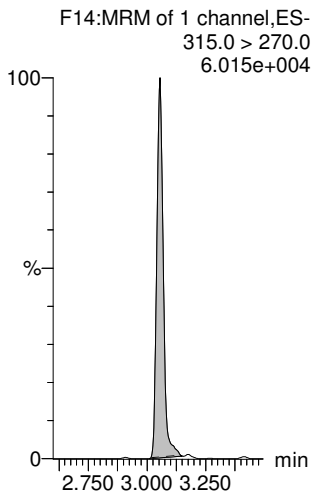
Total PFOS



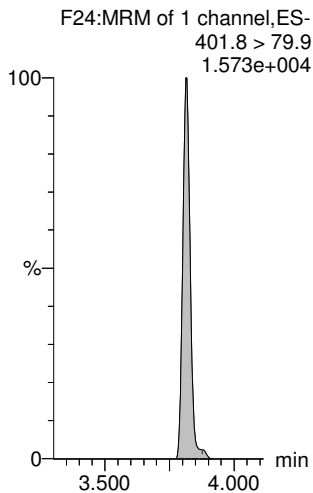
13C2-PFOA-EIS



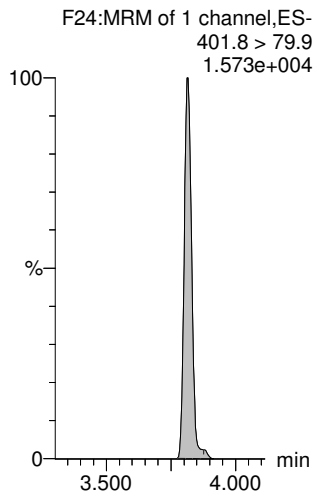
13C2-PFHxA-EIS



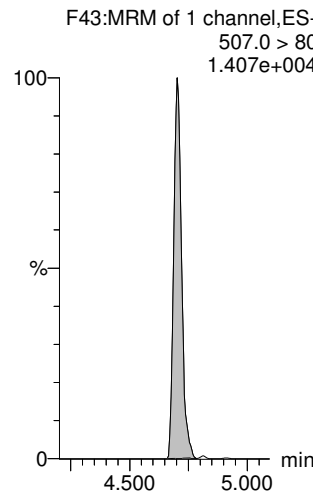
13C3-PFHxS-EIS



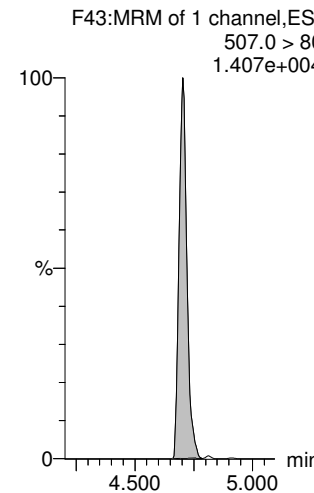
13C3-PFHxS-EIS



13C8-PFOS-EIS



13C8-PFOS-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-21 ug.qld

Last Altered: Wednesday, July 22, 2020 16:46:18 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 16:47:01 Pacific Daylight Time

*Conc. in ug/L

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 22 Jul 2020 16:45:20

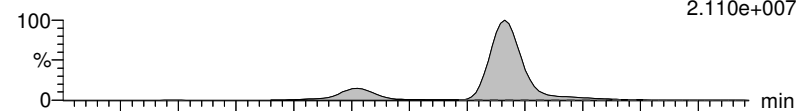
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Name: 200715M1_21, Date: 15-Jul-2020, Time: 16:45:05, ID: 2001409-09@10X I003MW02D-20200701 0.25658, Description: I003MW02D-20200701

L-PFOA

200715M1_21 Smooth(Mn,1x2)

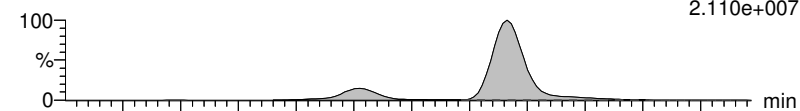
F26:MRM of 2 channels,ES-
412.8 > 368.9
2.110e+007



Total PFOA

200715M1_21 Smooth(Mn,1x2)

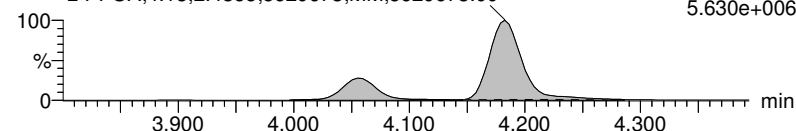
F26:MRM of 2 channels,ES-
412.8 > 368.9
2.110e+007



200715M1_21 Smooth(Mn,1x2)

L-PFOA;4.18;2.43e5;5629673;MM;5629673.00

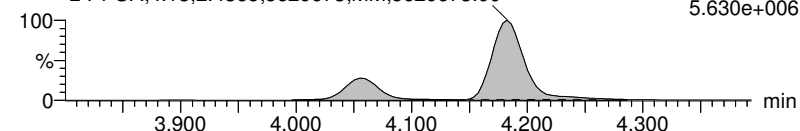
F26:MRM of 2 channels,ES-
412.8 > 169
5.630e+006



200715M1_21 Smooth(Mn,1x2)

L-PFOA;4.18;2.43e5;5629673;MM;5629673.00

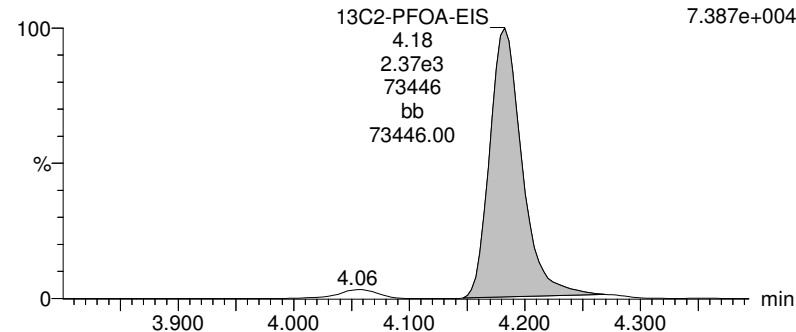
F26:MRM of 2 channels,ES-
412.8 > 169
5.630e+006



13C2-PFOA-EIS

200715M1_21 Smooth(Mn,1x2)

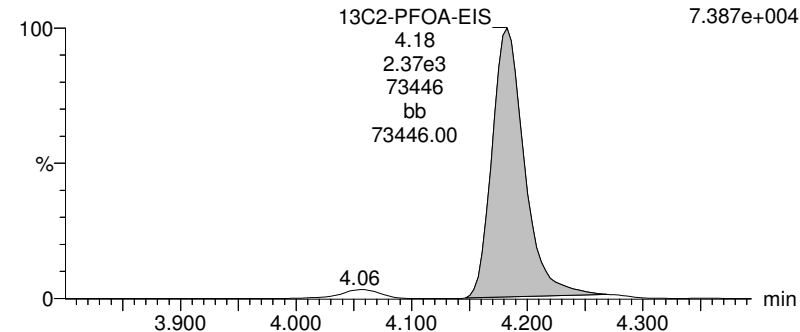
F27:MRM of 1 channel,ES-
414.9 > 369.7
7.387e+004



13C2-PFOA-EIS

200715M1_21 Smooth(Mn,1x2)

F27:MRM of 1 channel,ES-
414.9 > 369.7
7.387e+004



#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	16 L-PFOA	412.8 > 368.9	8.257e5	2.370e3	0.257		4.18	4.355	11.126		3.394	NO
2	1... Total PFOA	412.8 > 368.9	8.257e5	2.370e3	0.257			4.355	11.126			
3	69 13C2-PFOA-EIS	414.9 > 369.7	2.370e3		0.257	1379.301	4.18	2369.896	6.696	13745.5	13.7	
4	69 13C2-PFOA-EIS	414.9 > 369.7	2.370e3		0.257	1379.301	4.18	2369.896	6.696	13745.5	13.7	

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-85.qld

Last Altered: Wednesday, July 22, 2020 16:09:20 Pacific Daylight Time

*See Dilution

Printed: Wednesday, July 22, 2020 16:09:57 Pacific Daylight Time

Name: 200714M1_85, Date: 15-Jul-2020, Time: 05:41:58, ID: 2001409-10 DUP04-20200701 0.24995, Description: DUP04-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	2.008e4	1.304e3	0.250		2.52	2.52	192	397.282		2.745	NO
2	7 PFHxA	313.0 > 269.0	4.975e5	9.716e3	0.250		3.05	3.05	640	2629.099	*E	16.150	NO
3	9 HFPO-DA	285.1 > 168.9		8.098e2	0.250		3.28						YES
4	11 PFHpA	363.0 > 318.9	8.481e4	6.464e3	0.250		3.67	3.67	164	528.761		11.934	NO
5	12 ADONA	376.8 > 250.9		6.464e3	0.250		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.304e3		0.250	127.271	2.52	2.52	1300	41.000	82.0		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	9.716e3		0.250	1154.290	3.05	3.05	9720	33.676	67.3		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	8.098e2		0.250	101.036	3.28	3.28	810	32.067	64.1		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	6.464e3		0.250	686.728	3.67	3.67	6460	37.660	75.3		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	6.464e3		0.250	686.728	3.67	3.67	6460	37.660	75.3		
11	-1												
12	13 L-PFHxS	399 > 80.0	1.435e5	2.836e3	0.250		3.81	3.81	632	2436.401	*E	1.674	NO
13	1... Total PFHxS	399 > 80	1.435e5	2.836e3	0.250		3.83		632	2436.401			
14	16 L-PFOA	412.8 > 368.9	3.045e6	9.017e3	0.250		4.18	4.18	4220		*E	3.275	NO
15	1... Total PFOA	412.8 > 368.9	3.045e6	9.017e3	0.250		4.20		0.000				
16	21 PFNA	463.0 > 418.8	1.276e3	1.263e4	0.250		4.62	4.62	1.26	4.250		3.739	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	2.836e3		0.250	319.274	3.82	3.81	2840	35.542	71.1		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	2.836e3		0.250	319.274	3.82	3.81	2840	35.542	71.1		
19	69 13C2-PFOA-EIS	414.9 > 369.7	9.017e3		0.250	1394.720	4.19	4.18	9020	25.864	51.7		
20	69 13C2-PFOA-EIS	414.9 > 369.7	9.017e3		0.250	1394.720	4.19	4.18	9020	25.864	51.7		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.263e4		0.250	1417.984	4.63	4.62	12600	35.646	71.3		
22	-1												
23	23 L-PFOS	499 > 80	6.203e4	3.231e3	0.250		4.70	4.56	240	971.962		2.300	NO
24	1... Total PFOS	499 > 80	6.203e4	3.231e3	0.250		4.73		240	971.962			
25	25 9Cl-PF30NS	531 > 351.0		3.231e3	0.250		4.91						YES
26	26 PFDA	513 > 468.8		1.350e4	0.250		5.00						YES
27	33 PFUdA	563.0 > 518.9	5.017e1	1.715e4	0.250		5.32	5.32	0.0366	0.116		5.614	NO
28	73 13C8-PFOS-EIS	507.0 > 80	3.231e3		0.250	361.054	4.71	4.70	3230	35.803	71.6		
29	73 13C8-PFOS-EIS	507.0 > 80	3.231e3		0.250	361.054	4.71	4.70	3230	35.803	71.6		
30	73 13C8-PFOS-EIS	507.0 > 80	3.231e3		0.250	361.054	4.71	4.70	3230	35.803	71.6		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.350e4		0.250	1350.069	5.00	5.00	13500	39.994	80.0		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.715e4		0.250	1994.364	5.33	5.32	17100	34.397	68.8		
33	-1												
34	29 L-MeFOSAA	570 > 419		9.494e3	0.250		5.14						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	9.494e3	0.250		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419		8.390e3	0.250		5.30						YES

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-85.qld

Last Altered: Wednesday, July 22, 2020 16:09:20 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 16:09:57 Pacific Daylight Time

Name: 200714M1_85, Date: 15-Jul-2020, Time: 05:41:58, ID: 2001409-10 DUP04-20200701 0.24995, Description: DUP04-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	0.000e0	8.390e3	0.250		5.33		0.000				
38	35 11Cl-PF30UdS	630.9 > 450.9		2.054e4	0.250		5.54						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	9.494e3		0.250	1024.448	5.15	5.14	9490	37.079	74.1		
40	79 d3-N-MeFOSAA-EIS	573. > 419	9.494e3		0.250	1024.448	5.15	5.14	9490	37.079	74.1		
41	83 d5-N-EtFOSAA-EIS	589. > 419	8.390e3		0.250	964.220	5.31	5.30	8390	34.811	69.6		
42	83 d5-N-EtFOSAA-EIS	589. > 419	8.390e3		0.250	964.220	5.31	5.30	8390	34.811	69.6		
43	85 13C2-PFDoA-EIS	615 > 570	2.054e4		0.250	2212.380	5.62	5.61	20500	37.143	74.3		
44	-1												
45	37 PFDoA	612.9 > 569.0		2.054e4	0.250		5.61						YES
46	39 PFTrDA	662.9 > 618.9		2.054e4	0.250		5.86						YES
47	41 PFTeDA	713.0 > 669.0		1.230e4	0.250		6.07						YES
48	1... TDCA	498.3>106.9			0.250		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.231e3		0.250	361.054	4.71	4.70	3230	35.803	71.6		
50	85 13C2-PFDoA-EIS	615 > 570	2.054e4		0.250	2212.380	5.62	5.61	20500	37.143	74.3		
51	85 13C2-PFDoA-EIS	615 > 570	2.054e4		0.250	2212.380	5.62	5.61	20500	37.143	74.3		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.230e4		0.250	1536.348	6.08	6.07	12300	32.043	64.1		

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-85.qld

Last Altered: Wednesday, July 22, 2020 16:09:20 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 16:09:57 Pacific Daylight Time

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 22 Jul 2020 16:04:37

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_85, Date: 15-Jul-2020, Time: 05:41:58, ID: 2001409-10 DUP04-20200701 0.24995, Description: DUP04-20200701

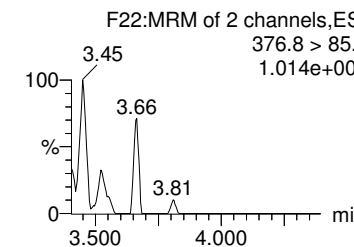
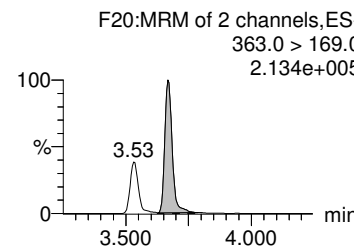
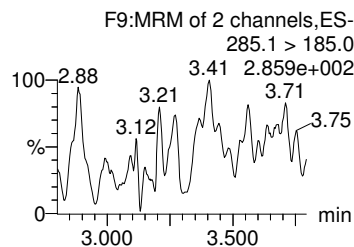
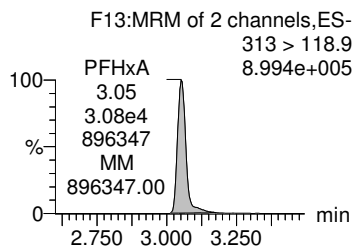
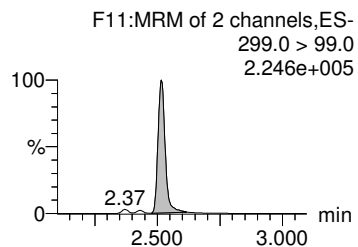
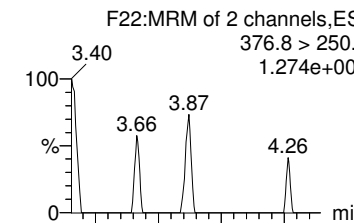
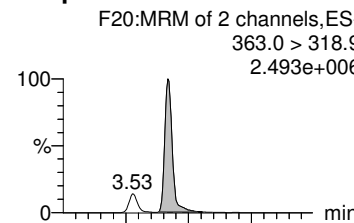
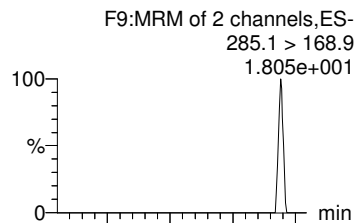
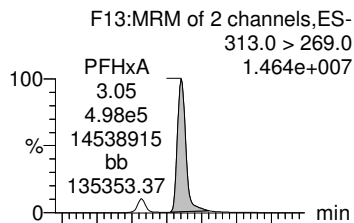
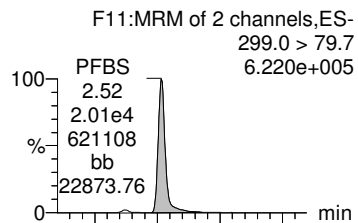
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



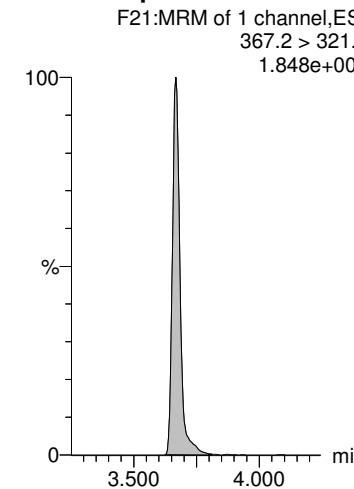
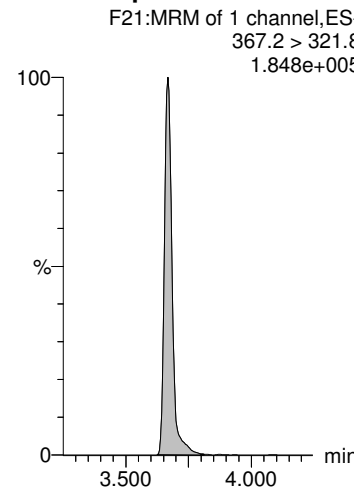
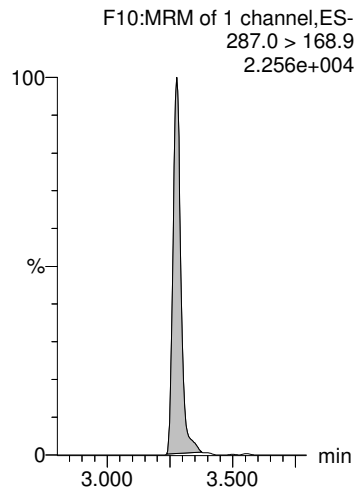
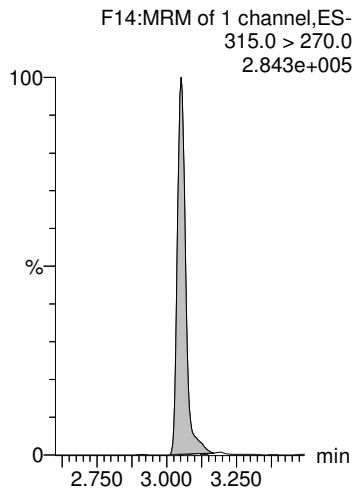
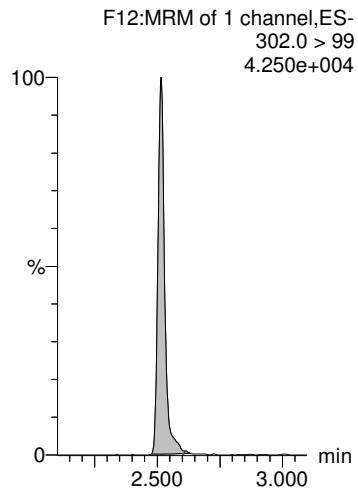
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-85.qld

Last Altered: Wednesday, July 22, 2020 16:09:20 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 16:09:57 Pacific Daylight Time

Name: 200714M1_85, Date: 15-Jul-2020, Time: 05:41:58, ID: 2001409-10 DUP04-20200701 0.24995, Description: DUP04-20200701

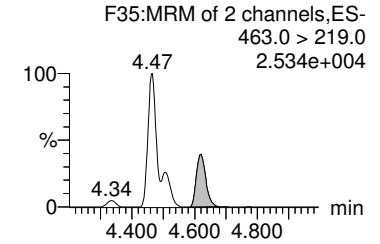
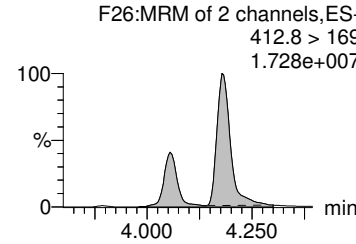
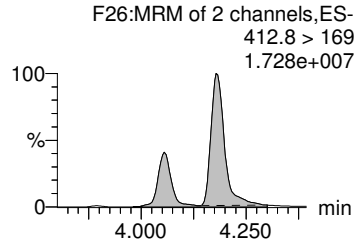
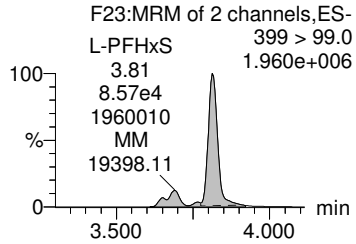
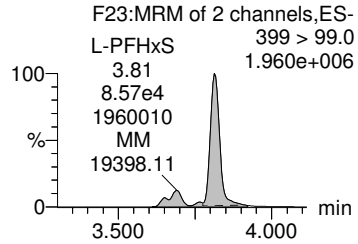
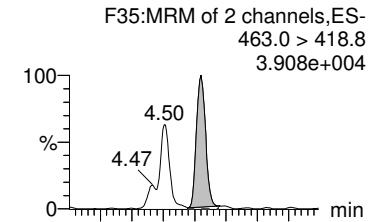
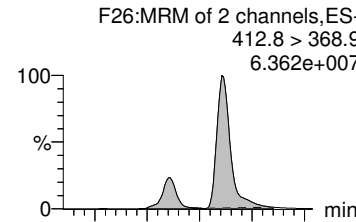
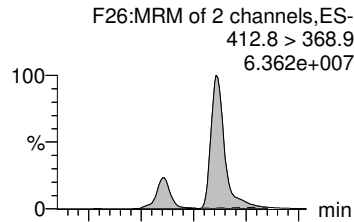
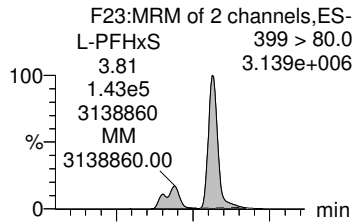
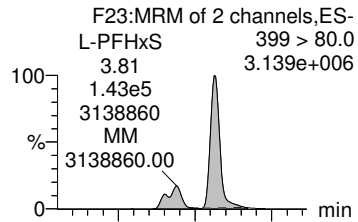
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



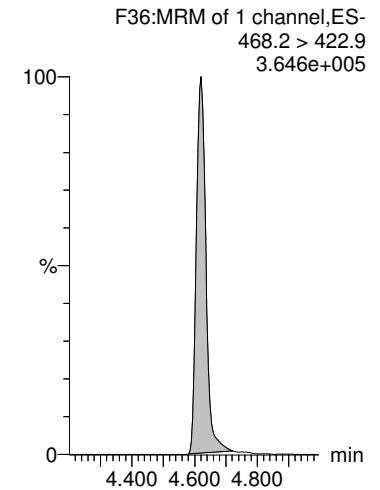
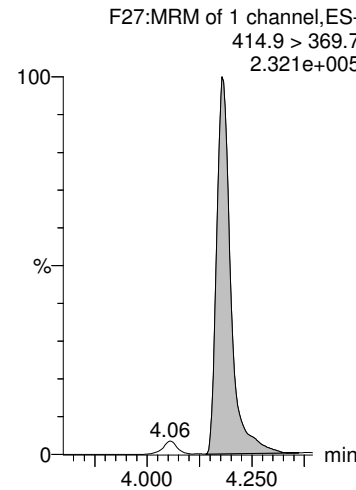
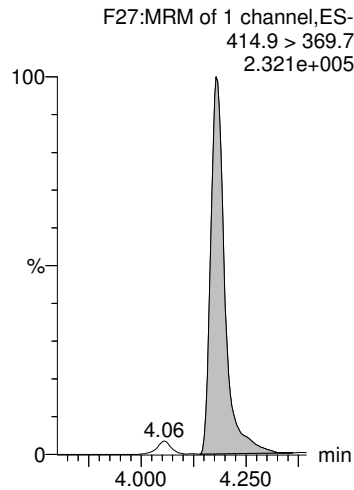
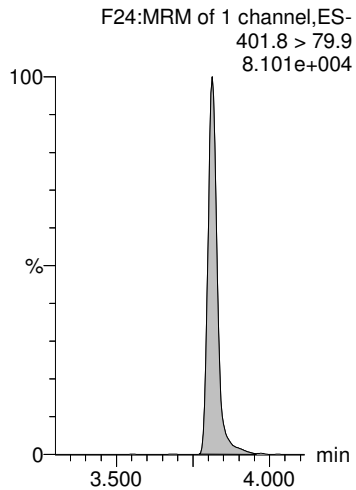
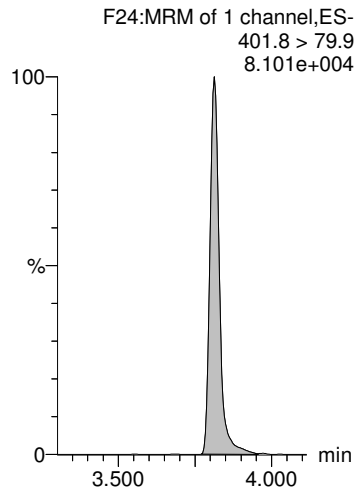
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-85.qld

Last Altered: Wednesday, July 22, 2020 16:09:20 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 16:09:57 Pacific Daylight Time

Name: 200714M1_85, Date: 15-Jul-2020, Time: 05:41:58, ID: 2001409-10 DUP04-20200701 0.24995, Description: DUP04-20200701

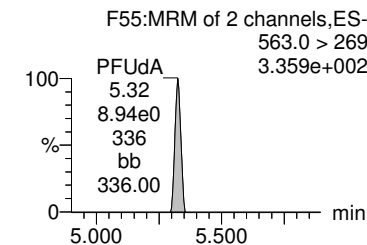
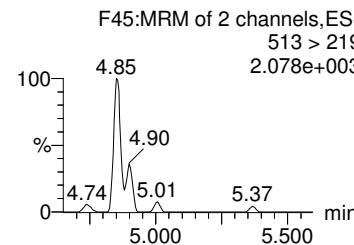
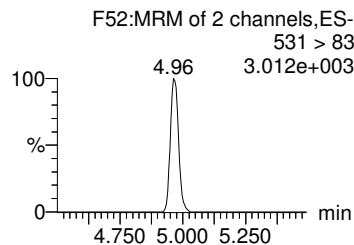
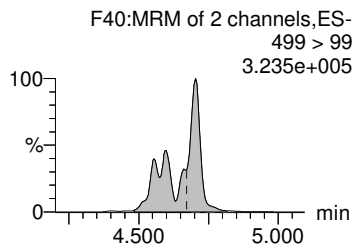
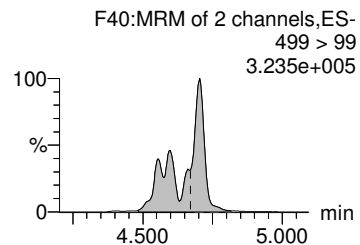
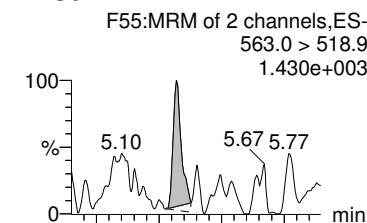
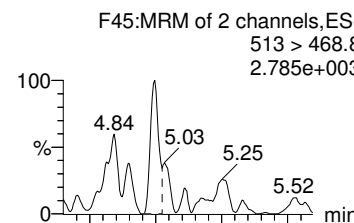
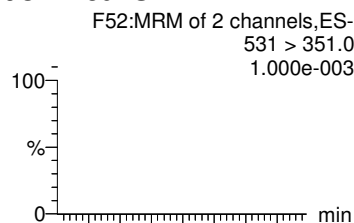
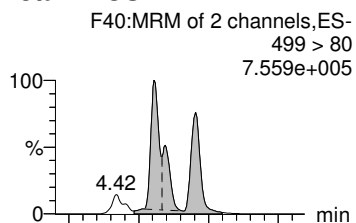
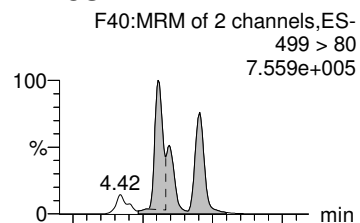
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



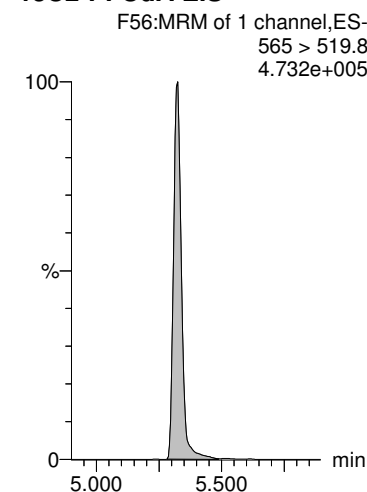
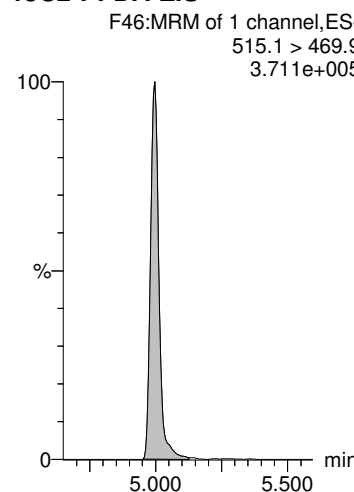
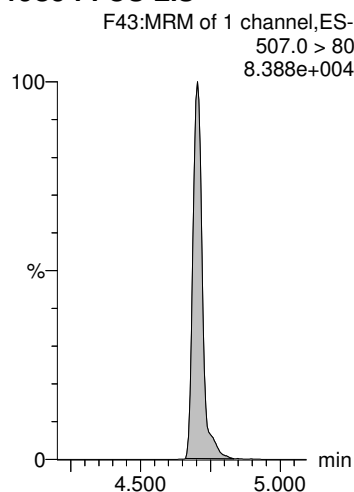
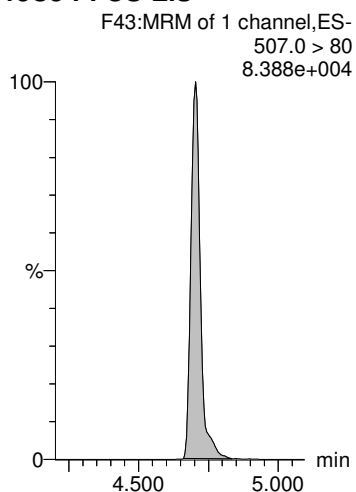
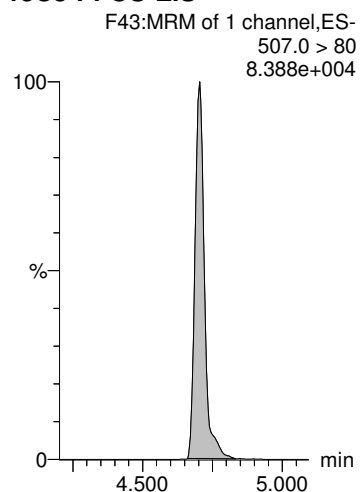
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-85.qld

Last Altered: Wednesday, July 22, 2020 16:09:20 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 16:09:57 Pacific Daylight Time

Name: 200714M1_85, Date: 15-Jul-2020, Time: 05:41:58, ID: 2001409-10 DUP04-20200701 0.24995, Description: DUP04-20200701

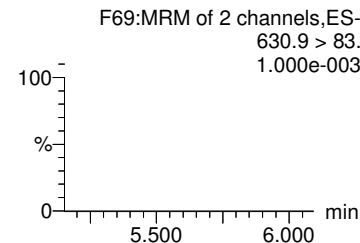
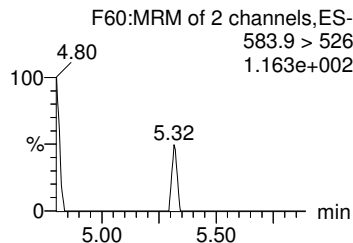
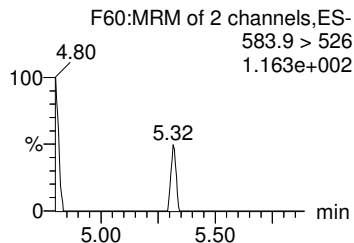
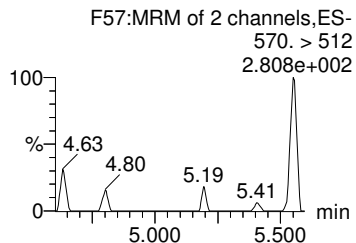
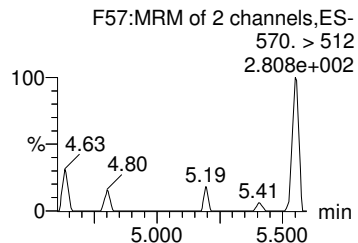
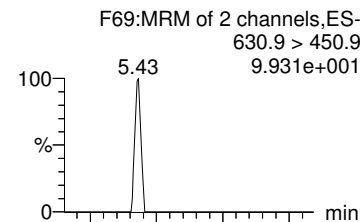
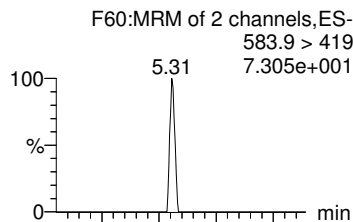
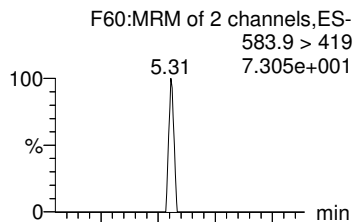
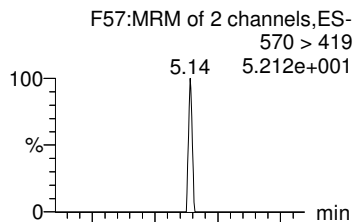
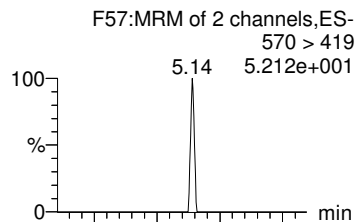
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30UdS



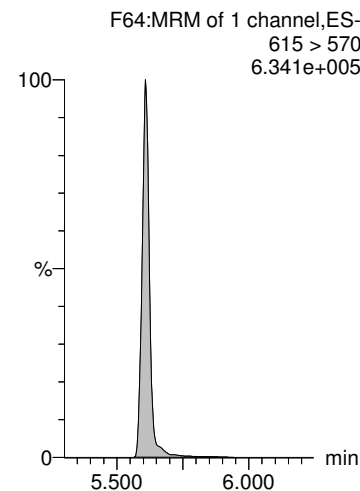
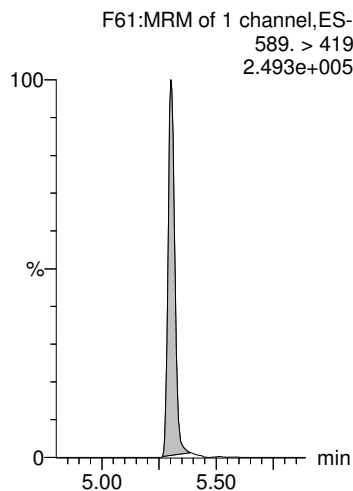
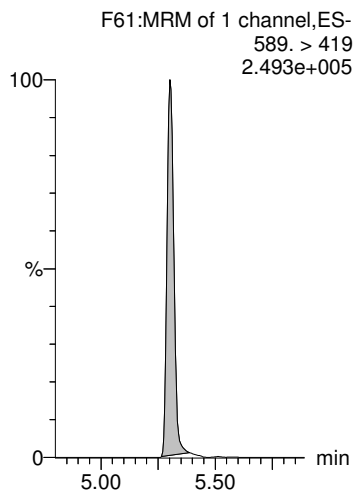
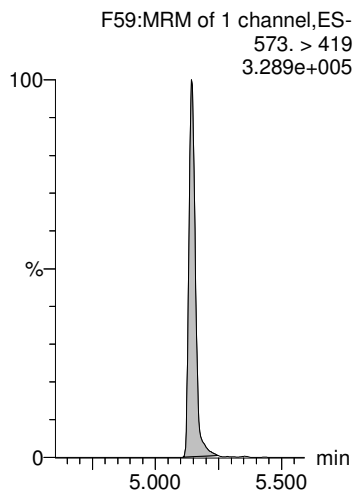
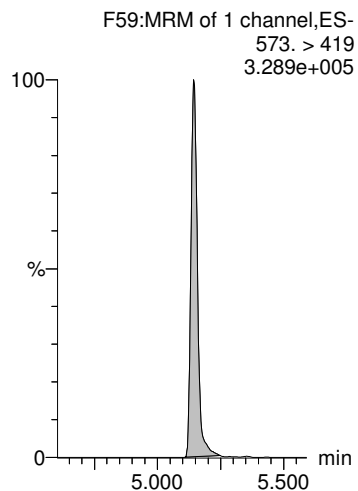
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-85.qld

Last Altered: Wednesday, July 22, 2020 16:09:20 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 16:09:57 Pacific Daylight Time

Name: 200714M1_85, Date: 15-Jul-2020, Time: 05:41:58, ID: 2001409-10 DUP04-20200701 0.24995, Description: DUP04-20200701

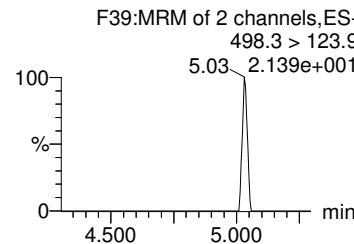
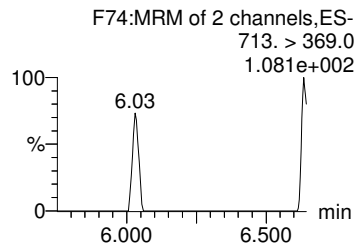
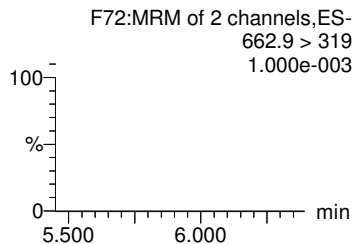
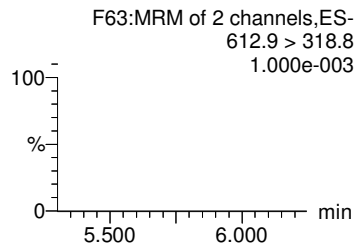
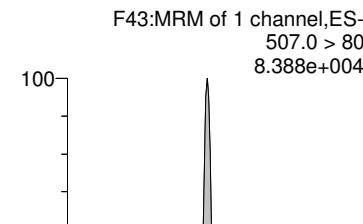
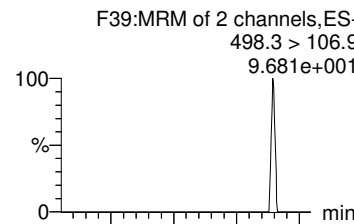
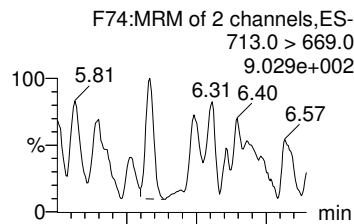
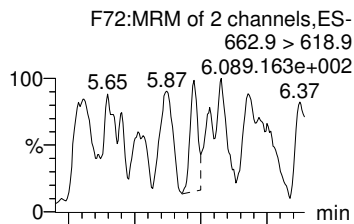
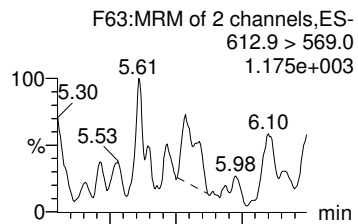
PFD_oA

PFT_rDA

PFT_eDA

TDCA

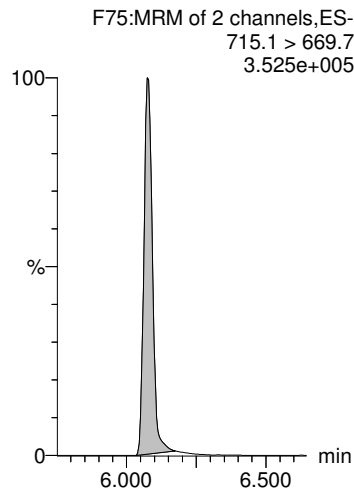
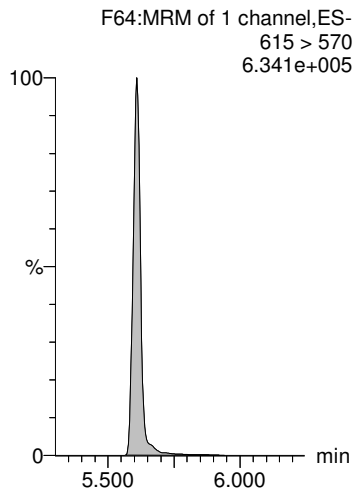
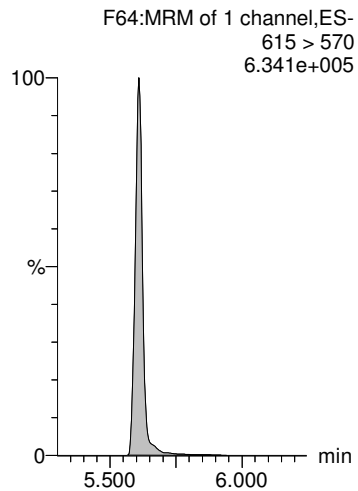
13C₈-PFOS-EIS



13C₂-PFD_oA-EIS

13C₂-PFD_oA-EIS

13C₂-PFT_eDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-22.qld

Last Altered: Tuesday, July 21, 2020 20:43:42 Pacific Daylight Time

Printed: Wednesday, July 22, 2020 16:26:01 Pacific Daylight Time

Name: 200715M1_22, Date: 15-Jul-2020, Time: 16:55:30, ID: 2001409-10@10X DUP04-20200701 0.24995, Description: DUP04-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	7 PFHxA	313.0 > 269.0	9.561e4	1.891e3	0.250		3.05	631.910	2573.732		16.075	NO
2	13 L-PFHxS	399 > 80.0	2.628e4	4.930e2	0.250		3.81	666.436	2591.133		1.643	NO
3	1... Total PFHxS	399 > 80	2.628e4	4.930e2	0.250			666.436	2591.133			
4	57 13C2-PFHxA-EIS	315.0 > 270.0	1.891e3		0.250	1140.399	3.05	1891.219	6.635	13.3		
5	61 13C3-PFHxS-EIS	401.8 > 79.9	4.930e2		0.250	300.225	3.81	492.997	6.570	13.1		
6	61 13C3-PFHxS-EIS	401.8 > 79.9	4.930e2		0.250	300.225	3.81	492.997	6.570	13.1		

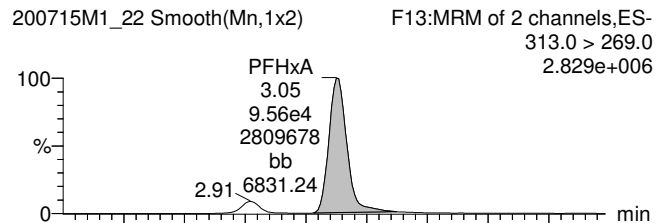
Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-22.qld

Last Altered: Tuesday, July 21, 2020 20:43:42 Pacific Daylight Time
Printed: Wednesday, July 22, 2020 16:26:01 Pacific Daylight Time

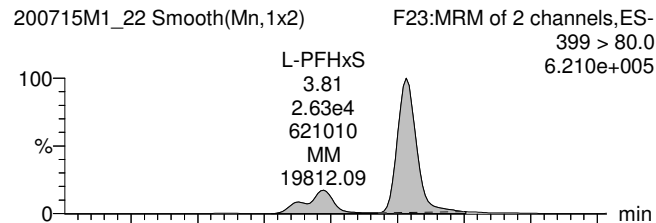
Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 21 Jul 2020 20:41:36
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Name: 200715M1_22, Date: 15-Jul-2020, Time: 16:55:30, ID: 2001409-10@10X DUP04-20200701 0.24995, Description: DUP04-20200701

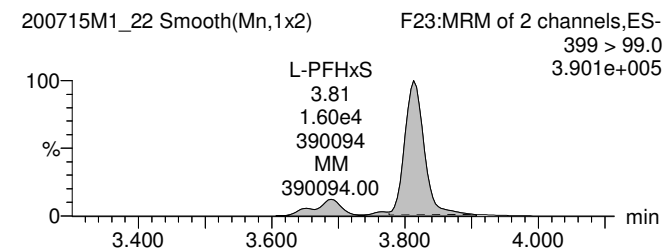
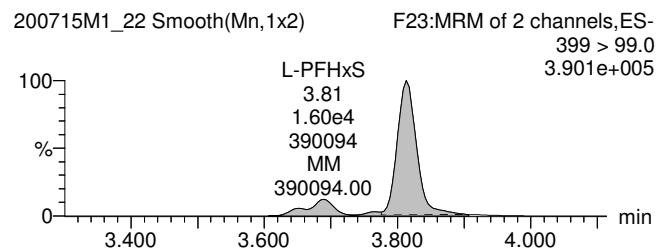
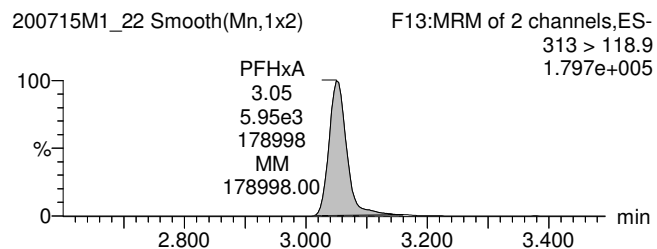
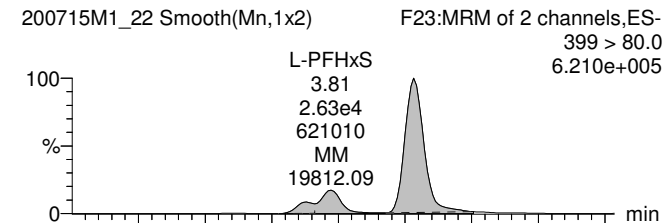
PFHxA



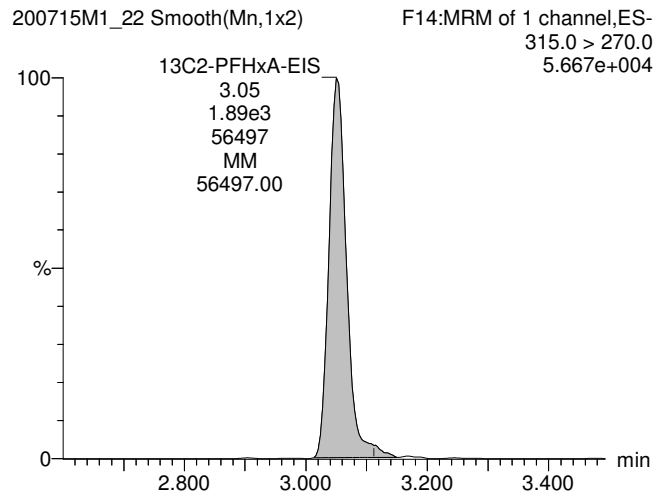
L-PFHxS



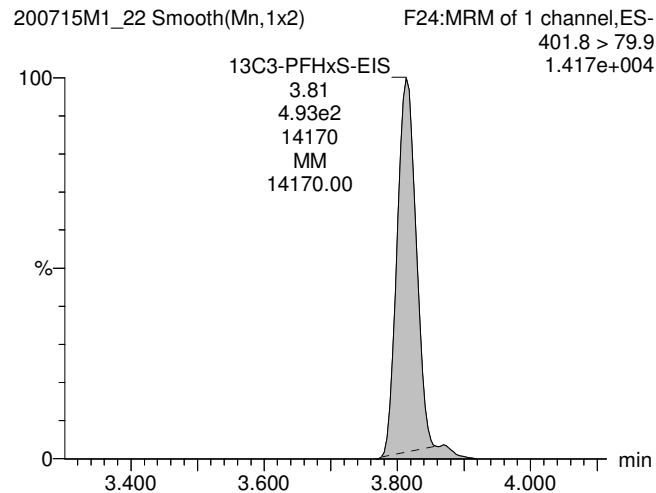
Total PFHxS



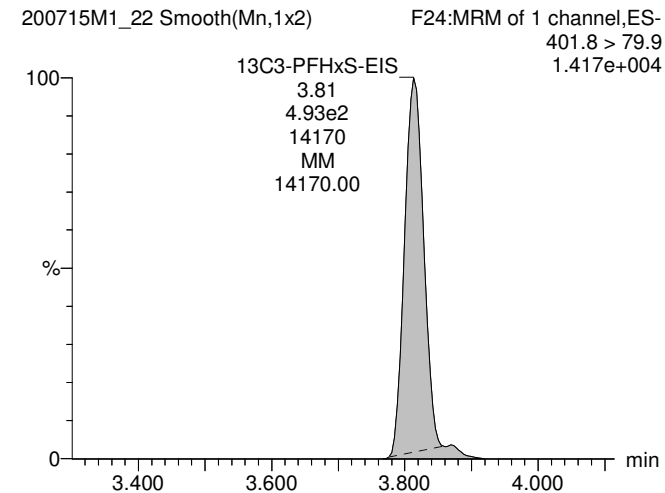
13C2-PFHxA-EIS



13C3-PFHxS-EIS



13C3-PFHxS-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-22 ug.qld

Last Altered: Wednesday, July 22, 2020 16:54:17 Pacific Daylight Time
Printed: Wednesday, July 22, 2020 16:54:51 Pacific Daylight Time

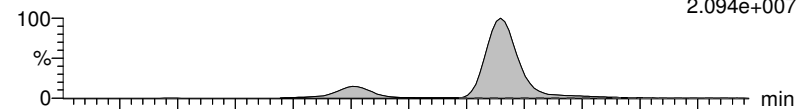
*Conc. in ug/L

Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 22 Jul 2020 16:53:20
Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

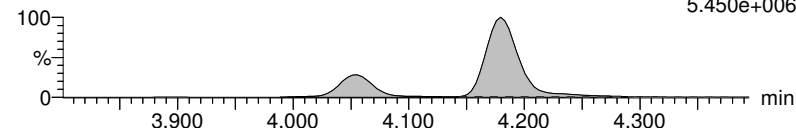
Name: 200715M1_22, Date: 15-Jul-2020, Time: 16:55:30, ID: 2001409-10@10X DUP04-20200701 0.24995, Description: DUP04-20200701

L-PFOA

200715M1_22 Smooth(Mn,1x2) F26:MRM of 2 channels,ES-
DUP04-20200701 2001409-10@10X DUP04-20200701 0.24995 412.8 > 368.9
2.094e+007

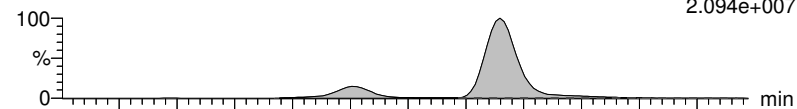


200715M1_22 Smooth(Mn,1x2) F26:MRM of 2 channels,ES-
DUP04-20200701 2001409-10@10X DUP04-20200701 0.24995 412.8 > 169
5.450e+006

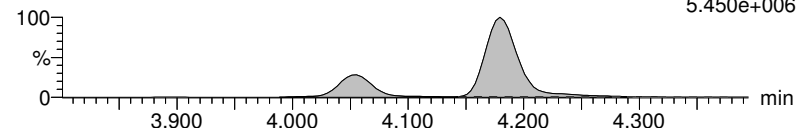


Total PFOA

200715M1_22 Smooth(Mn,1x2) F26:MRM of 2 channels,ES-
DUP04-20200701 2001409-10@10X DUP04-20200701 0.24995 412.8 > 368.9
2.094e+007

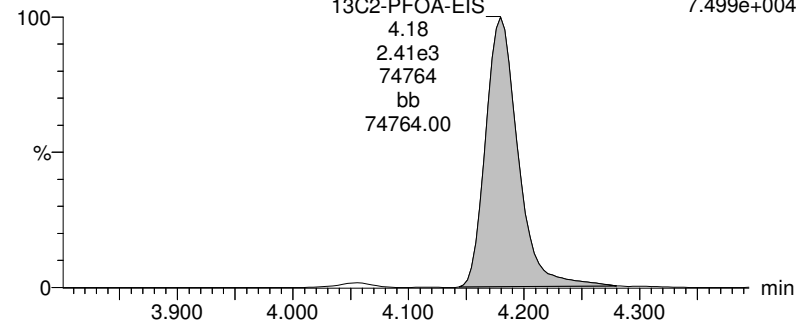


200715M1_22 Smooth(Mn,1x2) F26:MRM of 2 channels,ES-
DUP04-20200701 2001409-10@10X DUP04-20200701 0.24995 412.8 > 169
5.450e+006



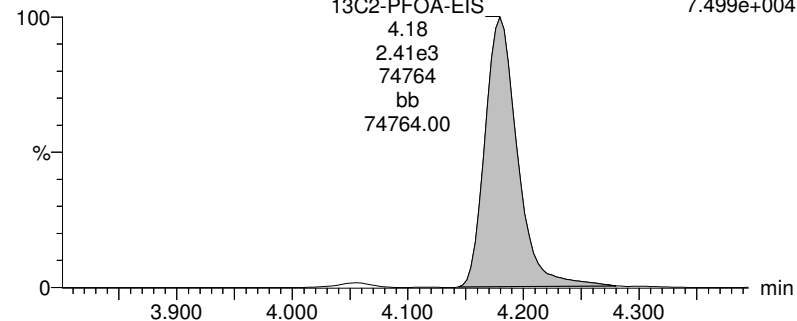
13C2-PFOA-EIS

200715M1_22 Smooth(Mn,1x2) F27:MRM of 1 channel,ES-
DUP04-20200701 2001409-10@10X DUP04-20200701 0.24995 414.9 > 369.7
7.499e+004



13C2-PFOA-EIS

200715M1_22 Smooth(Mn,1x2) F27:MRM of 1 channel,ES-
DUP04-20200701 2001409-10@10X DUP04-20200701 0.24995 414.9 > 369.7
7.499e+004



#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	16 L-PFOA	412.8 > 368.9	8.115e5	2.409e3	0.250		4.18	4.211	11.037		3.414	NO
2	1... Total PFOA	412.8 > 368.9	8.115e5	2.409e3	0.250			4.211	11.037			
3	69 13C2-PFOA-EIS	414.9 > 369.7	2.409e3		0.250	1379.301	4.18	2408.846	6.987	13971.4	13.9	
4	69 13C2-PFOA-EIS	414.9 > 369.7	2.409e3		0.250	1379.301	4.18	2408.846	6.987	13971.4	13.9	

Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-23.qld

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Name: 200715M1_23, Date: 15-Jul-2020, Time: 17:05:55, ID: 2001409-11 I003MW05D-20200701 0.23646, Description: I003MW05D-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	1.648e2	1.211e3	0.236		2.52	2.52	1.70	3.563		3.469	NO
2	7 PFHxA	313.0 > 269.0	4.507e3	9.629e3	0.236		3.05	3.05	5.85	22.900		20.633	NO
3	9 HFPO-DA	285.1 > 168.9		7.434e2	0.236		3.28						YES
4	11 PFHpA	363.0 > 318.9	7.527e2	6.043e3	0.236		3.67	3.67	1.56	5.248		12.077	NO
5	12 ADONA	376.8 > 250.9		6.043e3	0.236		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.211e3		0.236	132.713	2.51	2.52	1210	38.600	73.0		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	9.629e3		0.236	1140.399	3.05	3.05	9630	35.710	67.6		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	7.434e2		0.236	95.609	3.27	3.28	743	32.883	62.2		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	6.043e3		0.236	678.250	3.66	3.67	6040	37.680	71.3		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	6.043e3		0.236	678.250	3.66	3.67	6040	37.680	71.3		
11	-1												
12	13 L-PFHxS	399 > 80.0	6.042e2	2.655e3	0.236		3.81	3.81	2.84	11.166		1.616	NO
13	1... Total PFHxS	399 > 80	6.042e2	2.655e3	0.236		3.83		2.84	11.166			
14	16 L-PFOA	412.8 > 368.9	3.870e3	1.224e4	0.236		4.18	4.18	3.95	10.939		3.562	NO
15	1... Total PFOA	412.8 > 368.9	3.870e3	1.224e4	0.236		4.20		3.95	10.939			
16	21 PFNA	463.0 > 418.8	7.592e2	1.169e4	0.236		4.62	4.62	0.812	2.645		4.707	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	2.655e3		0.236	300.225	3.81	3.81	2650	37.395	70.7		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	2.655e3		0.236	300.225	3.81	3.81	2650	37.395	70.7		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.224e4		0.236	1379.301	4.18	4.18	12200	37.521	71.0		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.224e4		0.236	1379.301	4.18	4.18	12200	37.521	71.0		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.169e4		0.236	1357.417	4.62	4.62	11700	36.424	68.9		
22	-1												
23	23 L-PFOS	499 > 80	3.394e3	3.054e3	0.236		4.70	4.70	13.9	57.004		2.032	NO
24	1... Total PFOS	499 > 80	3.394e3	3.054e3	0.236		4.73		13.9	57.004			
25	25 9CI-PF30NS	531 > 351.0		3.054e3	0.236		4.91						YES
26	26 PFDA	513 > 468.8	7.189e2	1.215e4	0.236		5.00	5.00	0.740	1.895		8.980	NO
27	33 PFUdA	563.0 > 518.9	6.247e1	1.570e4	0.236		5.32	5.32	0.0497	0.157		25.047	NO
28	73 13C8-PFOS-EIS	507.0 > 80	3.054e3		0.236	325.478	4.70	4.70	3050	39.679	75.1		
29	73 13C8-PFOS-EIS	507.0 > 80	3.054e3		0.236	325.478	4.70	4.70	3050	39.679	75.1		
30	73 13C8-PFOS-EIS	507.0 > 80	3.054e3		0.236	325.478	4.70	4.70	3050	39.679	75.1		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.215e4		0.236	1297.091	4.99	5.00	12200	39.615	74.9		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.570e4		0.236	1982.390	5.32	5.32	15700	33.502	63.4		
33	-1												
34	29 L-MeFOSAA	570 > 419		8.635e3	0.236		5.14						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	8.635e3	0.236		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419		7.723e3	0.236		5.30						YES

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Name: 200715M1_23, Date: 15-Jul-2020, Time: 17:05:55, ID: 2001409-11 I003MW05D-20200701 0.23646, Description: I003MW05D-20200701

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	0.000e0	7.723e3	0.236		5.33		0.000				
38	35 11Cl-PF30UdS	630.9 > 450.9		1.825e4	0.236		5.54						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	8.635e3		0.236	1028.346	5.14	5.14	8630	35.510	67.2		
40	79 d3-N-MeFOSAA-EIS	573. > 419	8.635e3		0.236	1028.346	5.14	5.14	8630	35.510	67.2		
41	83 d5-N-EtFOSAA-EIS	589. > 419	7.723e3		0.236	1002.506	5.30	5.30	7720	32.579	61.6		
42	83 d5-N-EtFOSAA-EIS	589. > 419	7.723e3		0.236	1002.506	5.30	5.30	7720	32.579	61.6		
43	85 13C2-PFDoA-EIS	615 > 570	1.825e4		0.236	2377.108	5.61	5.61	18300	32.470	61.4		
44	-1												
45	37 PFDoA	612.9 > 569.0		1.825e4	0.236		5.61						YES
46	39 PFTrDA	662.9 > 618.9		1.825e4	0.236		5.86						YES
47	41 PFTeDA	713.0 > 669.0		1.201e4	0.236		6.07						YES
48	1... TDCA	498.3>106.9			0.236	26.140	4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.054e3		0.236	325.478	4.70	4.70	3050	39.679	75.1		
50	85 13C2-PFDoA-EIS	615 > 570	1.825e4		0.236	2377.108	5.61	5.61	18300	32.470	61.4		
51	85 13C2-PFDoA-EIS	615 > 570	1.825e4		0.236	2377.108	5.61	5.61	18300	32.470	61.4		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.201e4		0.236	1521.910	6.07	6.07	12000	33.365	63.1		

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 20 Jul 2020 21:42:28

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Name: 200715M1_23, Date: 15-Jul-2020, Time: 17:05:55, ID: 2001409-11 I003MW05D-20200701 0.23646, Description: I003MW05D-20200701

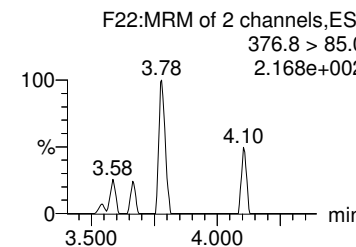
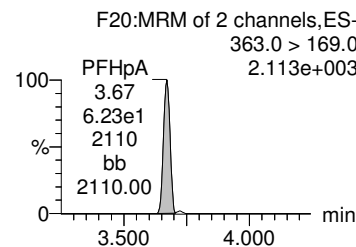
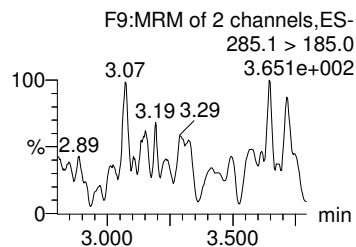
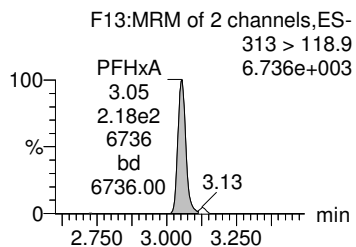
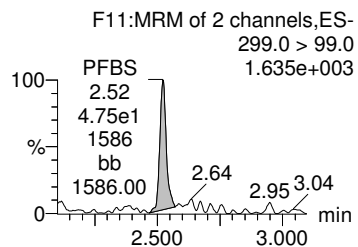
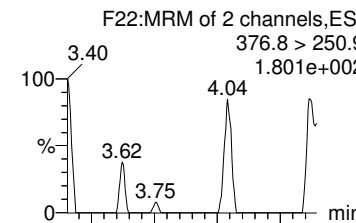
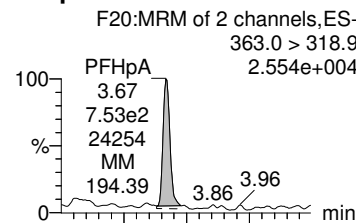
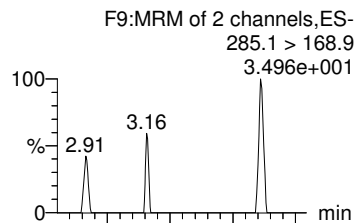
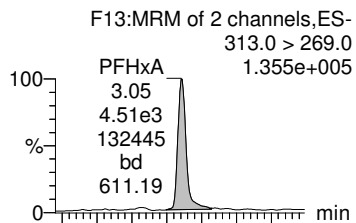
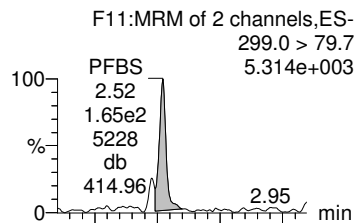
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



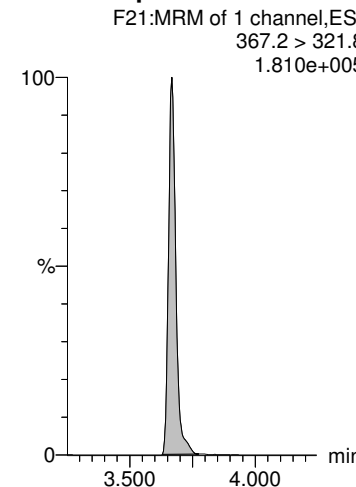
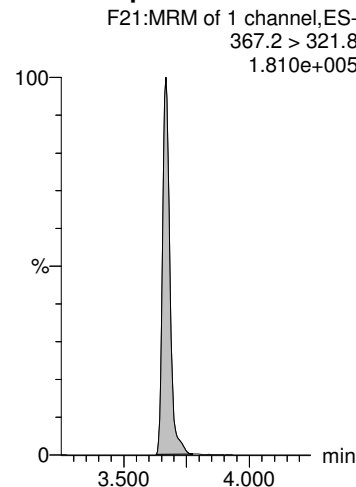
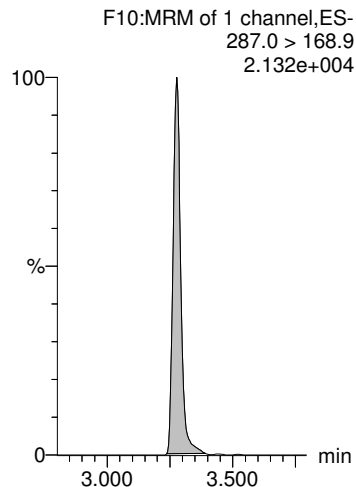
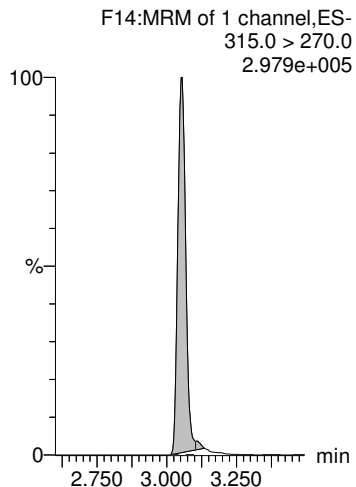
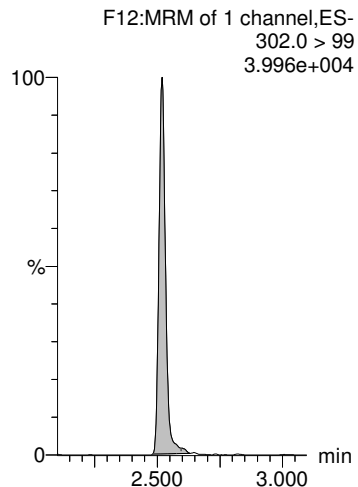
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



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Name: 200715M1_23, Date: 15-Jul-2020, Time: 17:05:55, ID: 2001409-11 I003MW05D-20200701 0.23646, Description: I003MW05D-20200701

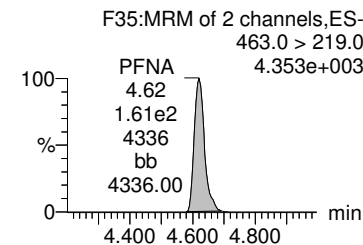
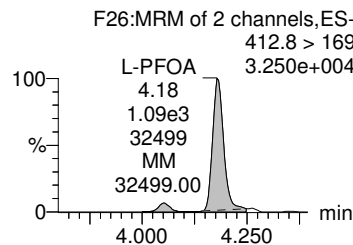
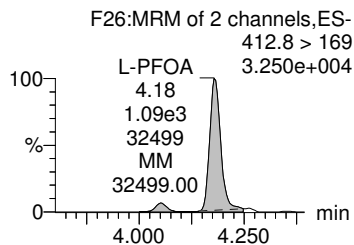
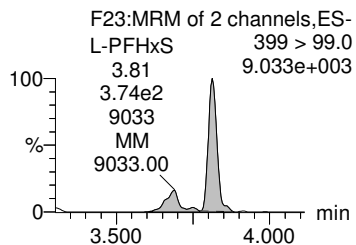
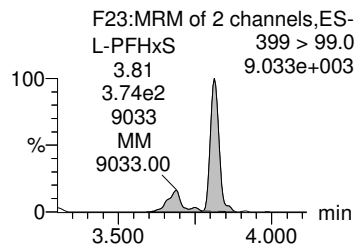
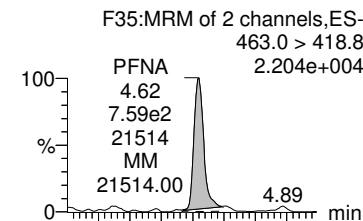
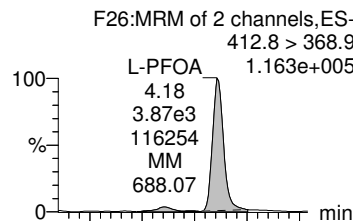
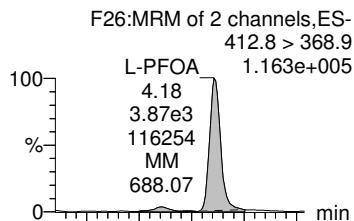
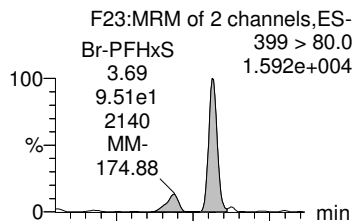
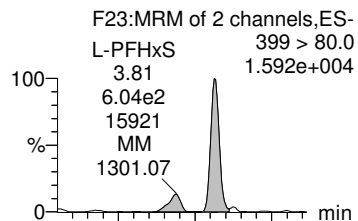
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



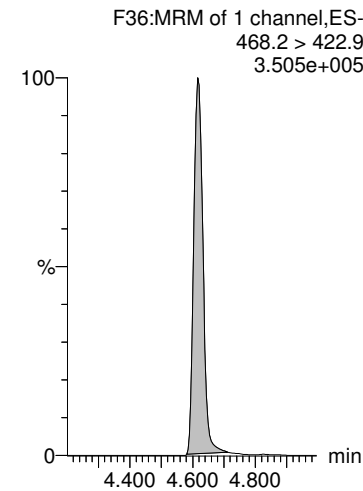
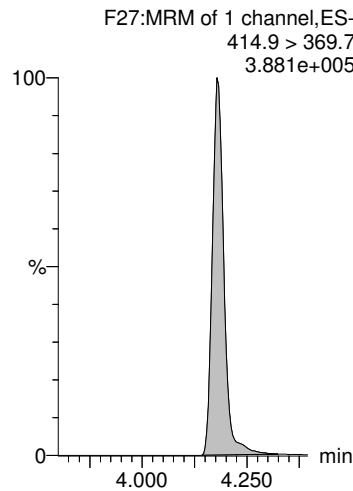
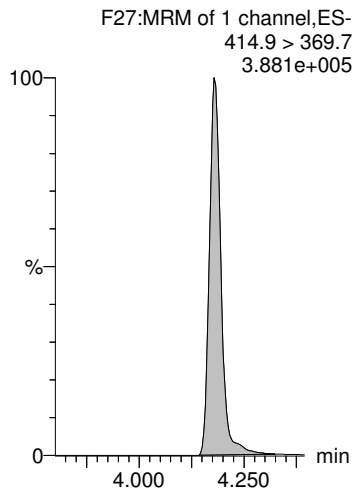
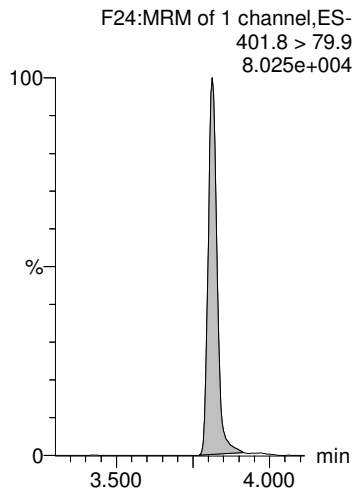
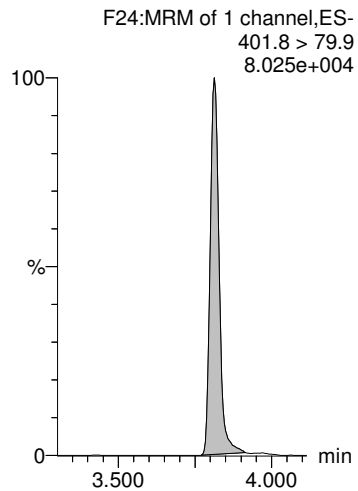
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



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Name: 200715M1_23, Date: 15-Jul-2020, Time: 17:05:55, ID: 2001409-11 I003MW05D-20200701 0.23646, Description: I003MW05D-20200701

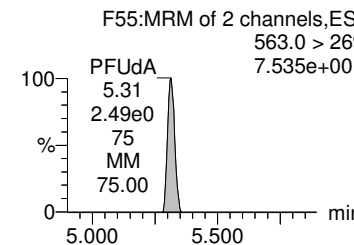
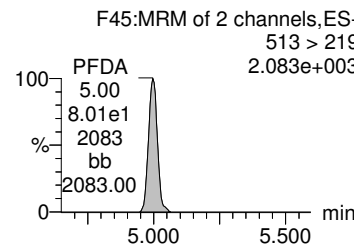
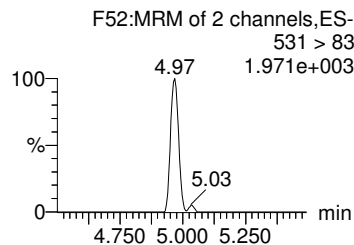
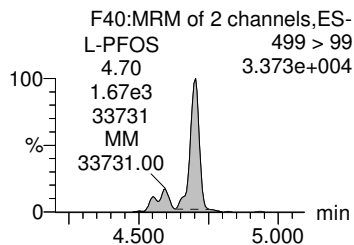
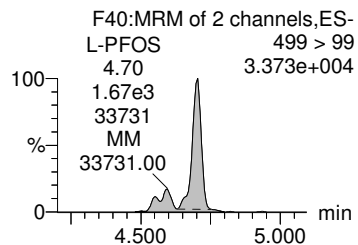
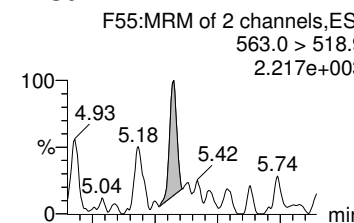
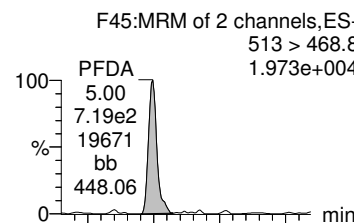
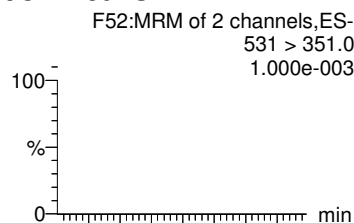
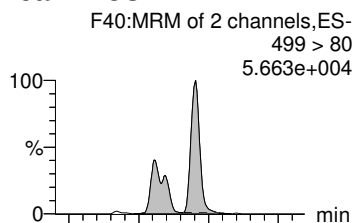
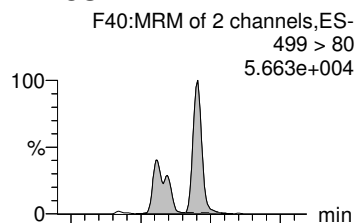
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



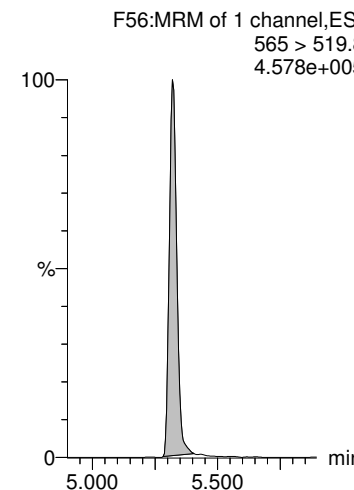
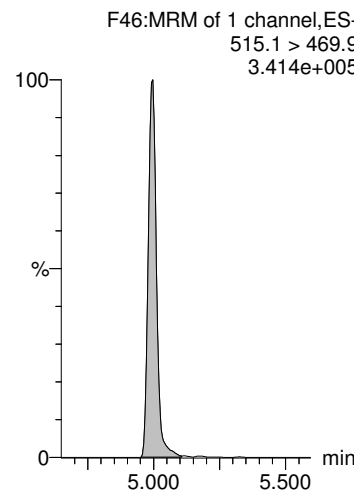
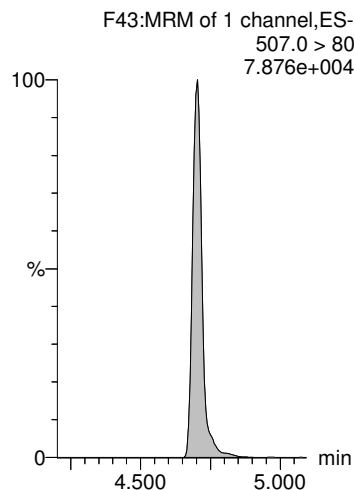
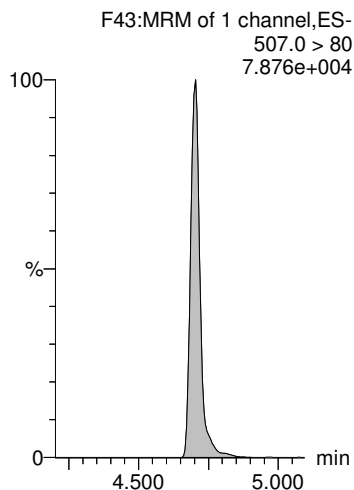
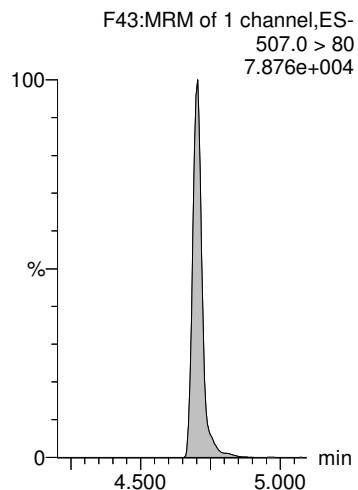
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



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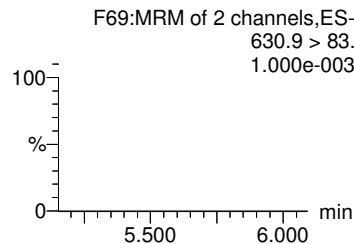
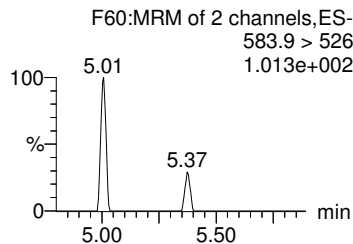
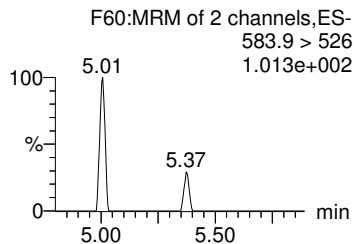
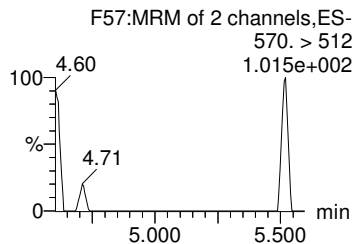
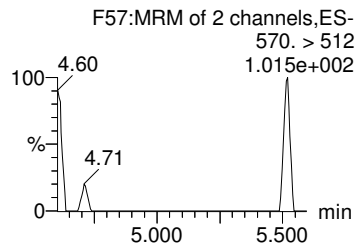
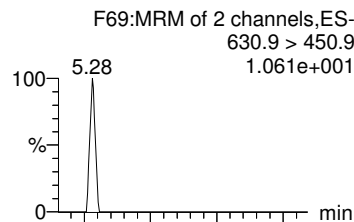
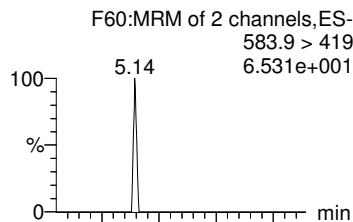
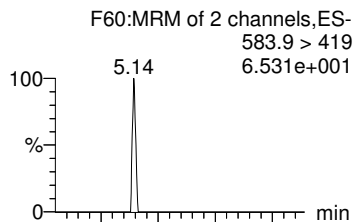
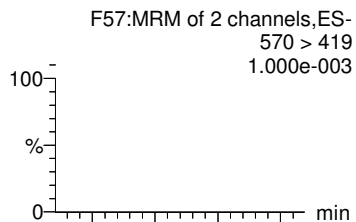
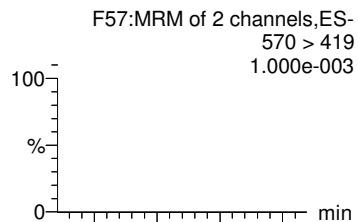
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30uS



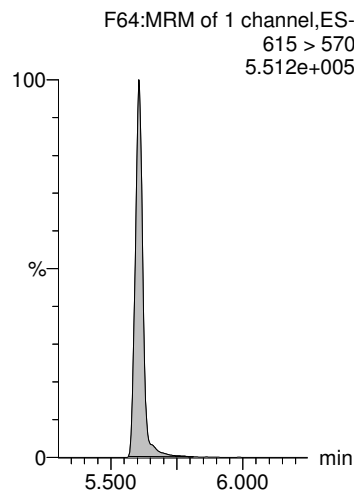
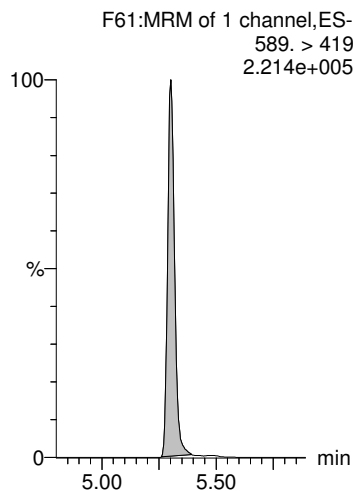
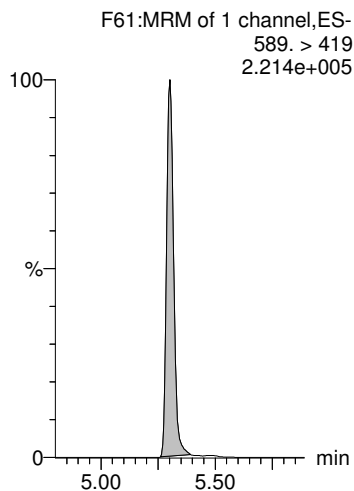
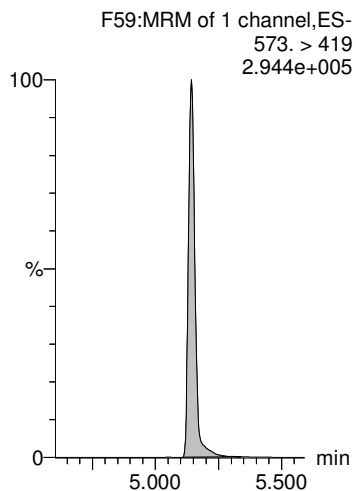
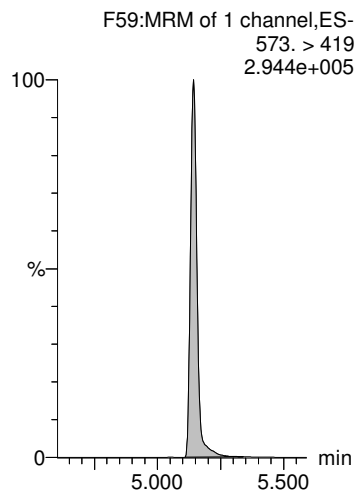
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-23.qld

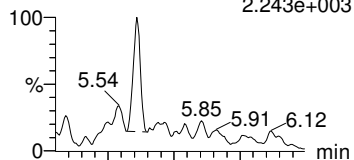
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Printed: Monday, July 20, 2020 21:49:15 Pacific Daylight Time

Name: 200715M1_23, Date: 15-Jul-2020, Time: 17:05:55, ID: 2001409-11 I003MW05D-20200701 0.23646, Description: I003MW05D-20200701

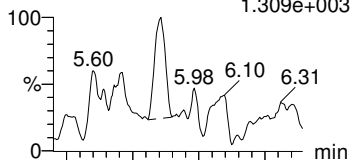
PFD_oA

F63:MRM of 2 channels,ES-
612.9 > 569.0
2.243e+003



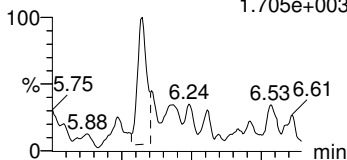
PFT_rDA

F72:MRM of 2 channels,ES-
662.9 > 618.9
1.309e+003



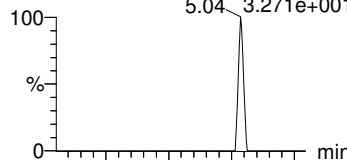
PFT_eDA

F74:MRM of 2 channels,ES-
713.0 > 669.0
1.705e+003



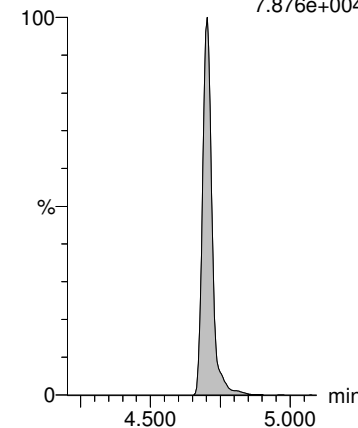
TDCA

F39:MRM of 2 channels,ES-
498.3 > 106.9
3.271e+001

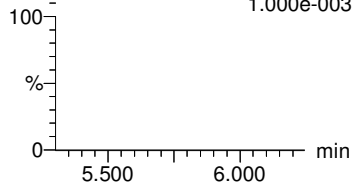


13C₈-PFOS-EIS

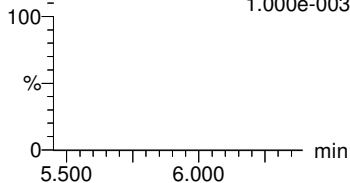
F43:MRM of 1 channel,ES-
507.0 > 80
7.876e+004



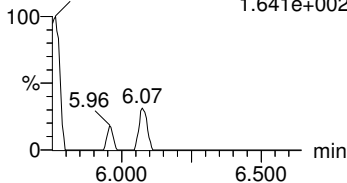
F63:MRM of 2 channels,ES-
612.9 > 318.8
1.000e-003



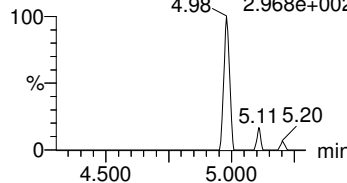
F72:MRM of 2 channels,ES-
662.9 > 319
1.000e-003



F74:MRM of 2 channels,ES-
713.0 > 369.0
1.641e+002

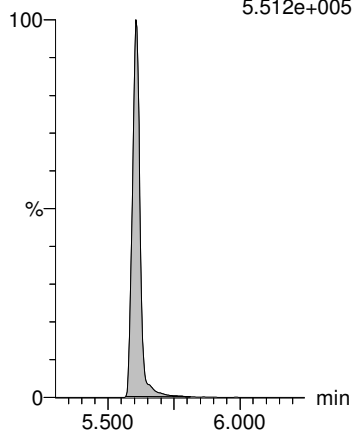


F39:MRM of 2 channels,ES-
498.3 > 123.9
2.968e+002



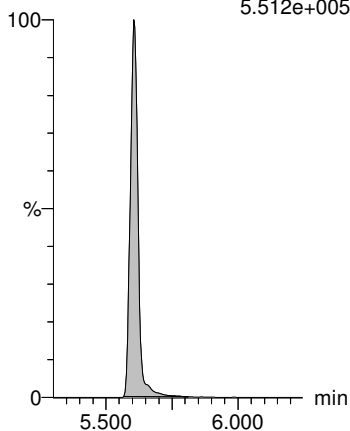
13C₂-PFD_oA-EIS

F64:MRM of 1 channel,ES-
615 > 570
5.512e+005



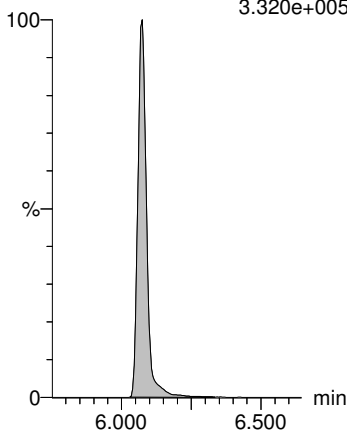
13C₂-PFD_oA-EIS

F64:MRM of 1 channel,ES-
615 > 570
5.512e+005



13C₂-PFT_eDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
3.320e+005



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-87.qld

Last Altered: Monday, July 20, 2020 18:56:03 Pacific Daylight Time
 Printed: Monday, July 20, 2020 18:56:27 Pacific Daylight Time

Name: 200714M1_87, Date: 15-Jul-2020, Time: 06:02:45, ID: 2001409-12 EB03-20200702 0.24201, Description: EB03-20200702

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7		1.338e3	0.242		2.52						YES
2	7 PFHxA	313.0 > 269.0		1.127e4	0.242		3.05						YES
3	9 HFPO-DA	285.1 > 168.9		8.785e2	0.242		3.27						YES
4	11 PFHpA	363.0 > 318.9		7.028e3	0.242		3.67						YES
5	12 ADONA	376.8 > 250.9		7.028e3	0.242		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.338e3		0.242	127.271	2.52	2.52	1340	43.436	84.1		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.127e4		0.242	1154.290	3.05	3.05	11300	40.361	78.1		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	8.785e2		0.242	101.036	3.28	3.27	878	35.926	69.6		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	7.028e3		0.242	686.728	3.67	3.67	7030	42.290	81.9		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	7.028e3		0.242	686.728	3.67	3.67	7030	42.290	81.9		
11	-1												
12	13 L-PFHxS	399 > 80.0		3.248e3	0.242		3.81						YES
13	1... Total PFHxS	399 > 80	0.000e0	3.248e3	0.242		3.83		0.000				
14	16 L-PFOA	412.8 > 368.9		1.322e4	0.242		4.18						YES
15	1... Total PFOA	412.8 > 368.9	0.000e0	1.322e4	0.242		4.20		0.000				
16	21 PFNA	463.0 > 418.8		1.260e4	0.242		4.62						YES
17	61 13C3-PFHxS-EIS	401.8 > 79.9	3.248e3		0.242	319.274	3.82	3.81	3250	42.040	81.4		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	3.248e3		0.242	319.274	3.82	3.81	3250	42.040	81.4		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.322e4		0.242	1394.720	4.19	4.18	13200	39.157	75.8		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.322e4		0.242	1394.720	4.19	4.18	13200	39.157	75.8		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.260e4		0.242	1417.984	4.63	4.62	12600	36.706	71.1		
22	-1												
23	23 L-PFOS	499 > 80	2.602e1	3.441e3	0.242		4.70	4.70	0.0945	0.403		11.205	NO
24	1... Total PFOS	499 > 80	2.602e1	3.441e3	0.242		4.73		0.0945	0.403			
25	25 9Cl-PF30NS	531 > 351.0		3.441e3	0.242		4.91						YES
26	26 PFDA	513 > 468.8		1.391e4	0.242		5.00						YES
27	33 PFUdA	563.0 > 518.9		1.881e4	0.242		5.32						YES
28	73 13C8-PFOS-EIS	507.0 > 80	3.441e3		0.242	361.054	4.71	4.70	3440	39.382	76.2		
29	73 13C8-PFOS-EIS	507.0 > 80	3.441e3		0.242	361.054	4.71	4.70	3440	39.382	76.2		
30	73 13C8-PFOS-EIS	507.0 > 80	3.441e3		0.242	361.054	4.71	4.70	3440	39.382	76.2		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.391e4		0.242	1350.069	5.00	5.00	13900	42.563	82.4		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.881e4		0.242	1994.364	5.33	5.32	18800	38.972	75.5		
33	-1												
34	29 L-MeFOSAA	570 > 419		9.169e3	0.242		5.14						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	9.169e3	0.242		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419		8.514e3	0.242		5.30						YES

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-87.qld

Last Altered: Monday, July 20, 2020 18:56:03 Pacific Daylight Time
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Name: 200714M1_87, Date: 15-Jul-2020, Time: 06:02:45, ID: 2001409-12 EB03-20200702 0.24201, Description: EB03-20200702

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	0.000e0	8.514e3	0.242		5.33		0.000				
38	35 11Cl-PF30UdS	630.9 > 450.9		2.073e4	0.242		5.54						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	9.169e3		0.242	1024.448	5.15	5.14	9170	36.984	71.6		
40	79 d3-N-MeFOSAA-EIS	573. > 419	9.169e3		0.242	1024.448	5.15	5.14	9170	36.984	71.6		
41	83 d5-N-EtFOSAA-EIS	589. > 419	8.514e3		0.242	964.220	5.31	5.30	8510	36.487	70.6		
42	83 d5-N-EtFOSAA-EIS	589. > 419	8.514e3		0.242	964.220	5.31	5.30	8510	36.487	70.6		
43	85 13C2-PFDoA-EIS	615 > 570	2.073e4		0.242	2212.380	5.62	5.61	20700	38.712	74.9		
44	-1												
45	37 PFDoA	612.9 > 569.0		2.073e4	0.242		5.61						YES
46	39 PFTrDA	662.9 > 618.9		2.073e4	0.242		5.86						YES
47	41 PFTeDA	713.0 > 669.0		1.204e4	0.242		6.07						YES
48	1... TDCA	498.3>106.9			0.242		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.441e3		0.242	361.054	4.71	4.70	3440	39.382	76.2		
50	85 13C2-PFDoA-EIS	615 > 570	2.073e4		0.242	2212.380	5.62	5.61	20700	38.712	74.9		
51	85 13C2-PFDoA-EIS	615 > 570	2.073e4		0.242	2212.380	5.62	5.61	20700	38.712	74.9		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	1.204e4		0.242	1536.348	6.08	6.07	12000	32.388	62.7		

Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-87.qld

Last Altered: Monday, July 20, 2020 18:56:03 Pacific Daylight Time

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 20 Jul 2020 18:54:16

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_87, Date: 15-Jul-2020, Time: 06:02:45, ID: 2001409-12 EB03-20200702 0.24201, Description: EB03-20200702

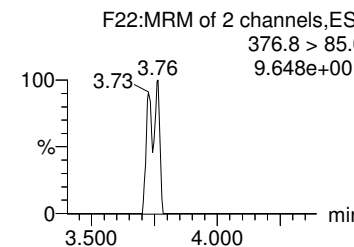
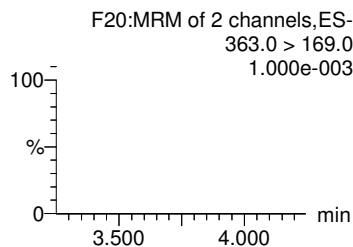
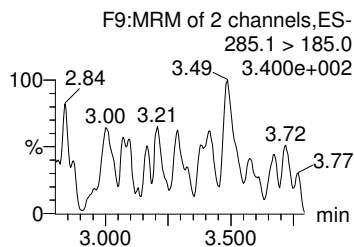
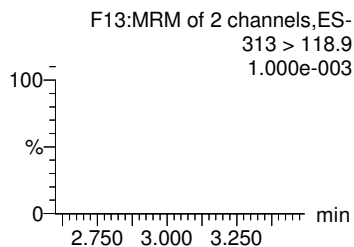
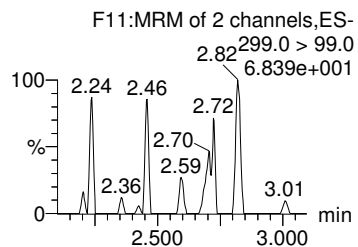
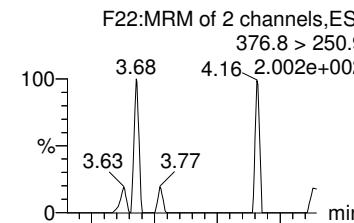
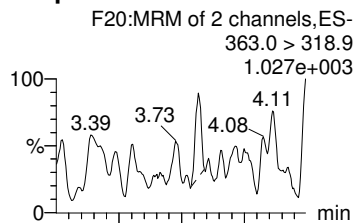
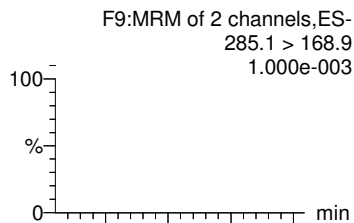
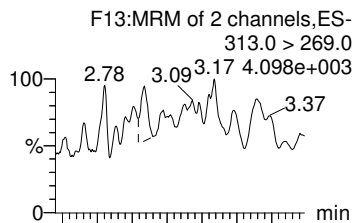
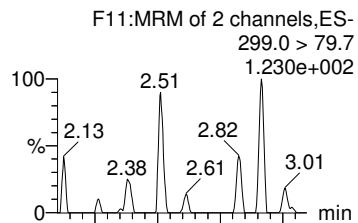
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



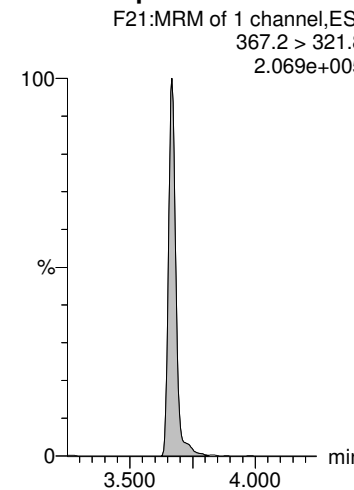
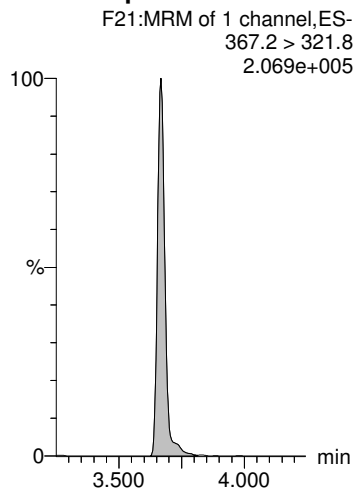
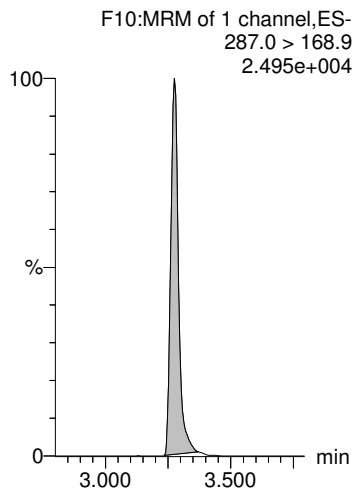
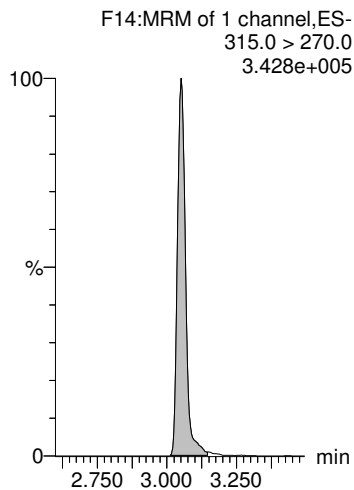
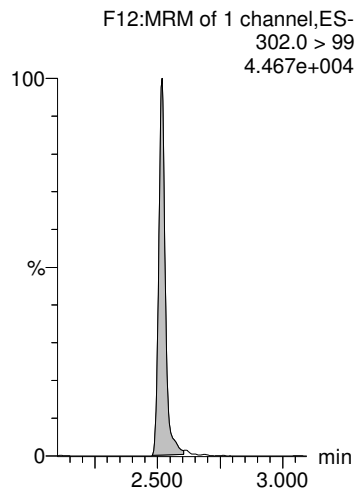
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-87.qld

Last Altered: Monday, July 20, 2020 18:56:03 Pacific Daylight Time

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Name: 200714M1_87, Date: 15-Jul-2020, Time: 06:02:45, ID: 2001409-12 EB03-20200702 0.24201, Description: EB03-20200702

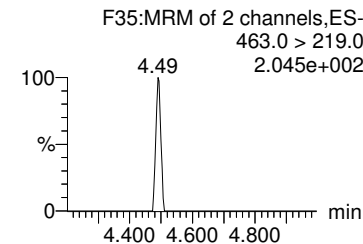
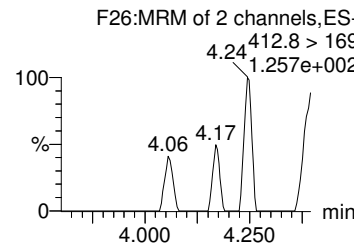
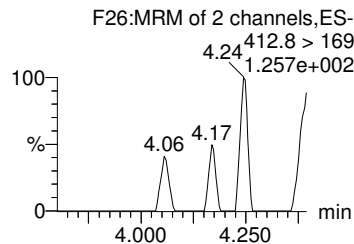
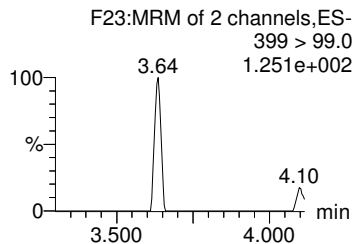
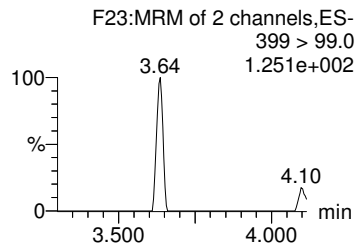
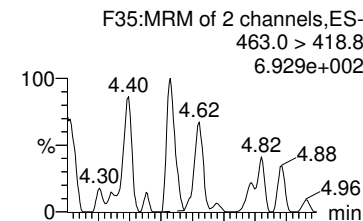
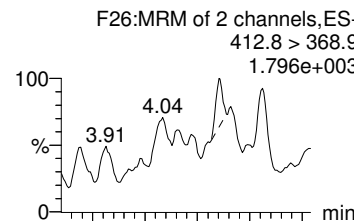
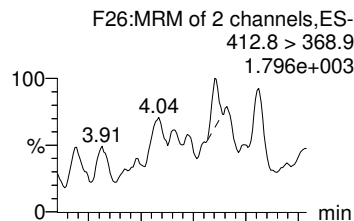
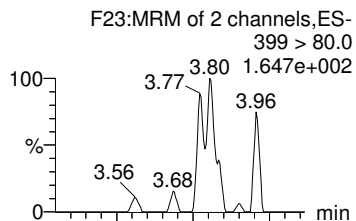
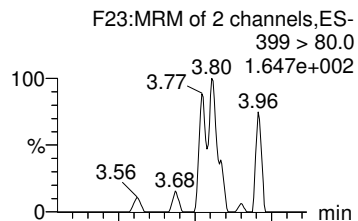
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



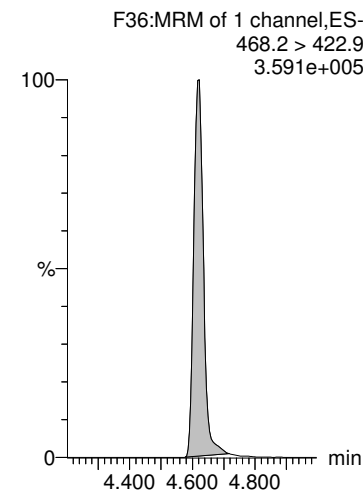
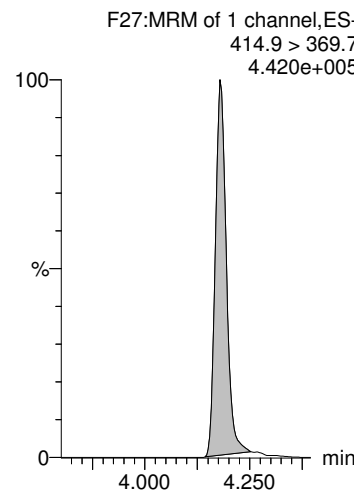
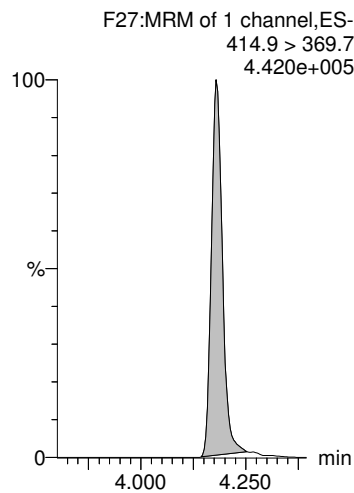
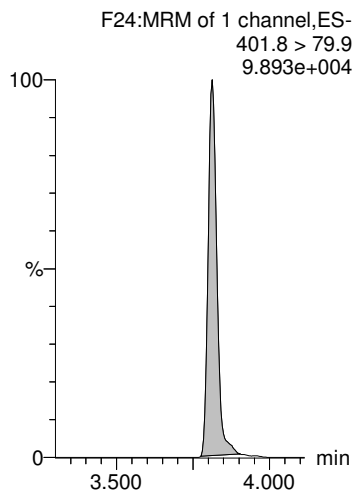
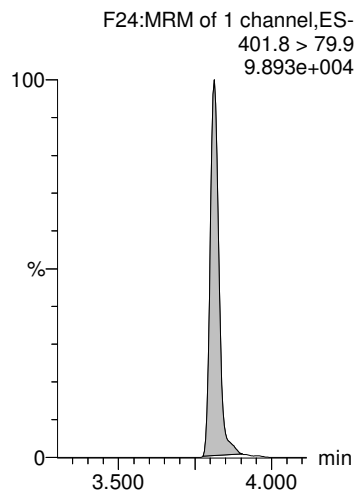
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-87.qld

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Name: 200714M1_87, Date: 15-Jul-2020, Time: 06:02:45, ID: 2001409-12 EB03-20200702 0.24201, Description: EB03-20200702

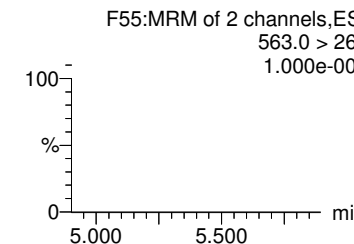
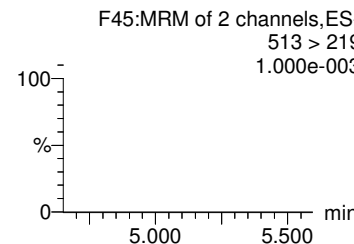
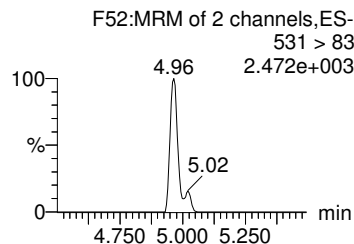
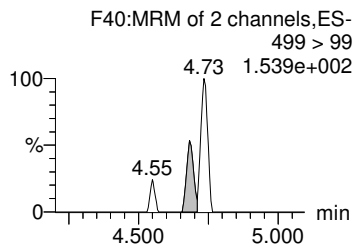
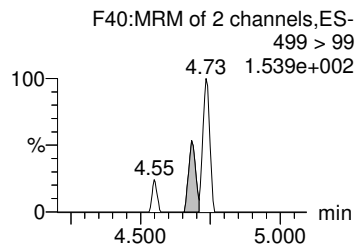
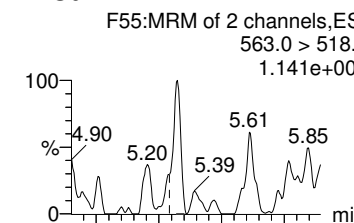
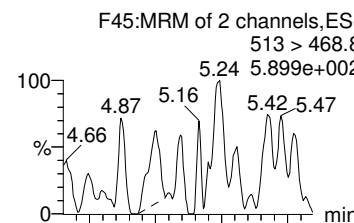
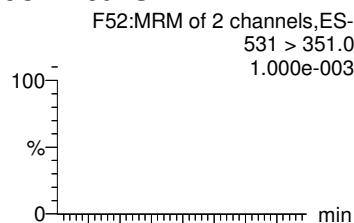
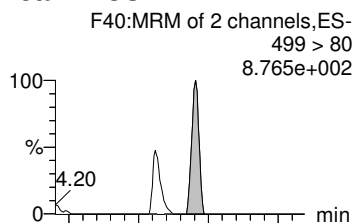
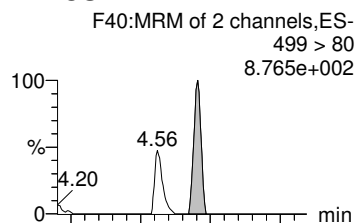
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



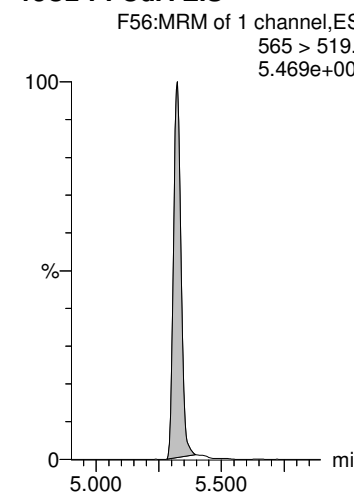
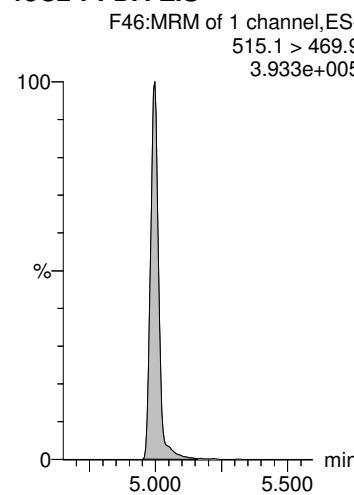
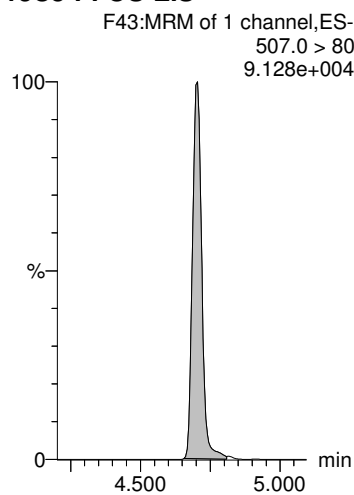
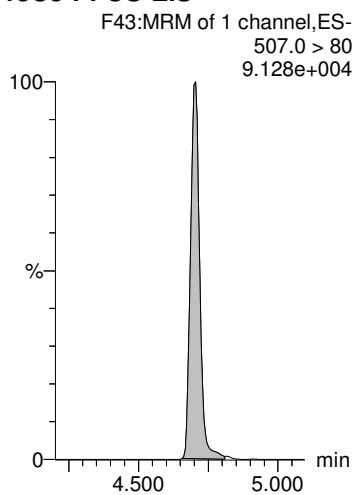
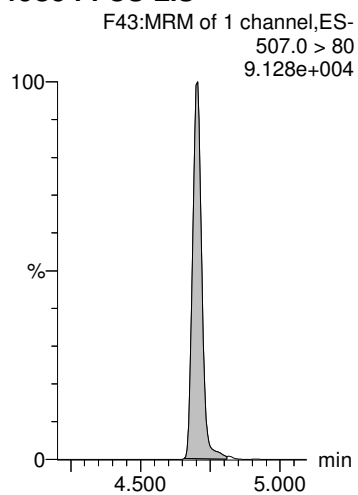
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-87.qld

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Name: 200714M1_87, Date: 15-Jul-2020, Time: 06:02:45, ID: 2001409-12 EB03-20200702 0.24201, Description: EB03-20200702

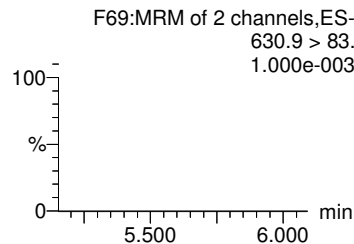
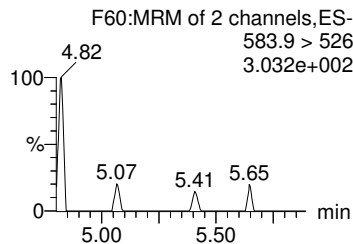
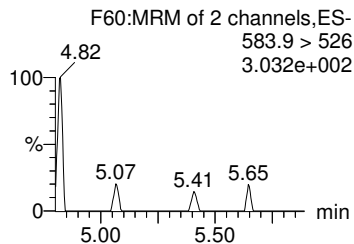
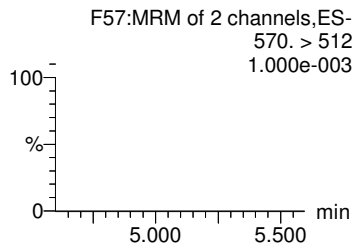
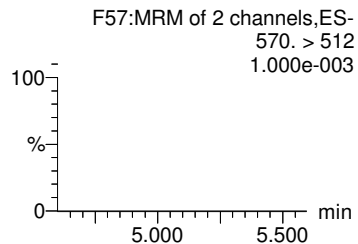
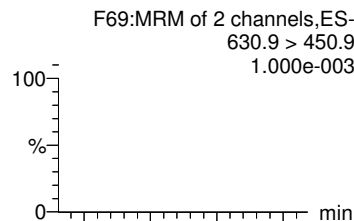
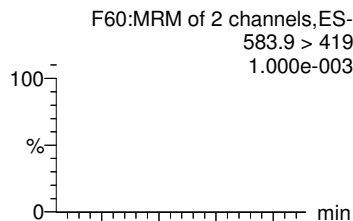
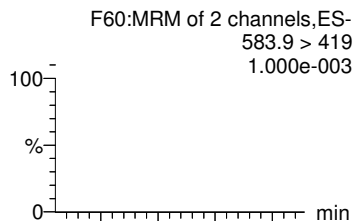
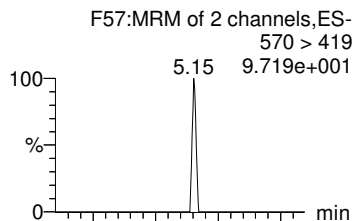
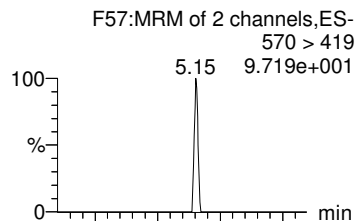
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30UdS



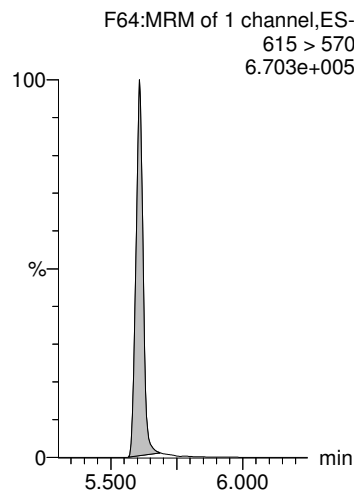
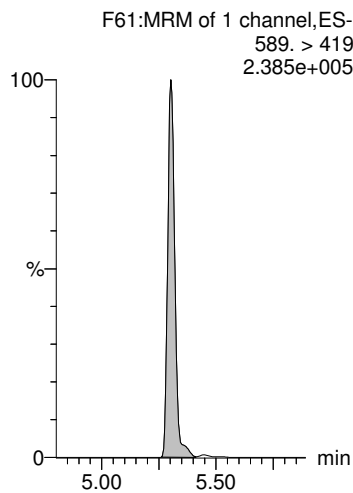
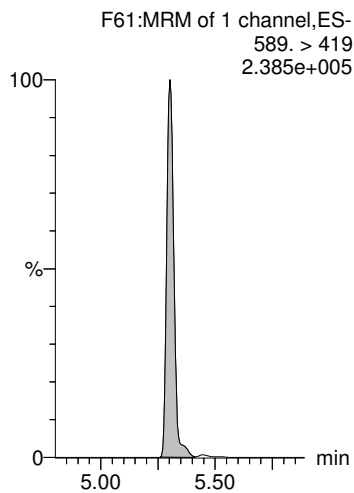
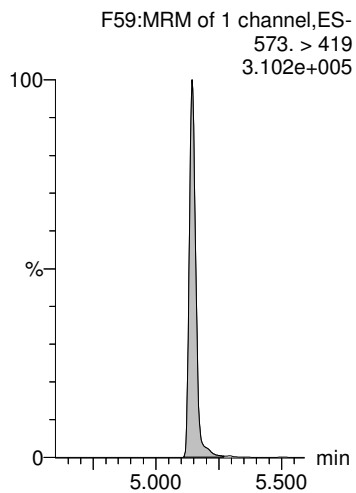
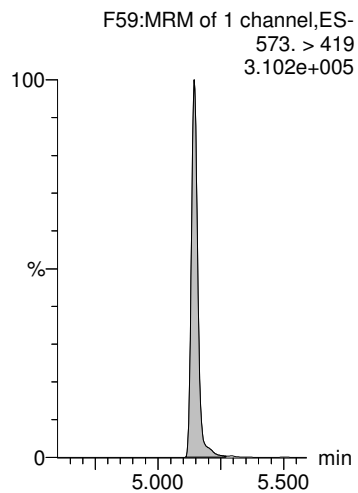
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-87.qld

Last Altered: Monday, July 20, 2020 18:56:03 Pacific Daylight Time

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Name: 200714M1_87, Date: 15-Jul-2020, Time: 06:02:45, ID: 2001409-12 EB03-20200702 0.24201, Description: EB03-20200702

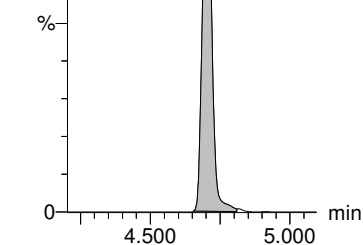
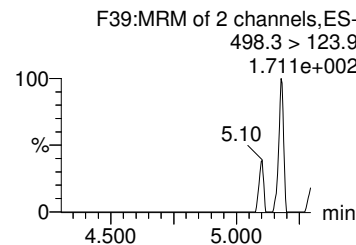
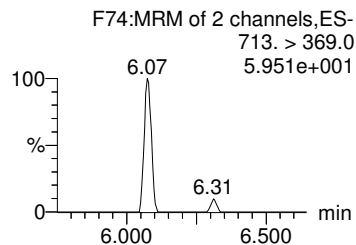
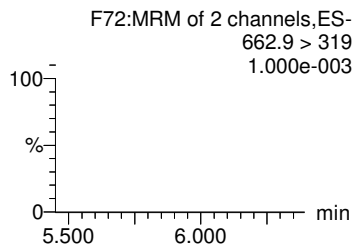
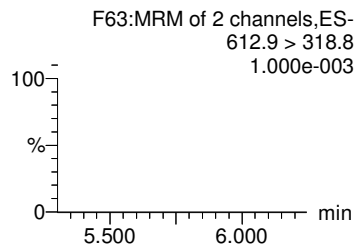
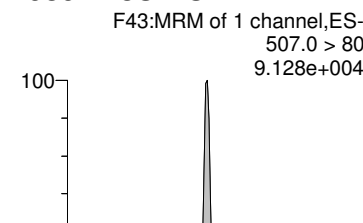
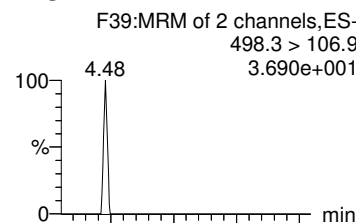
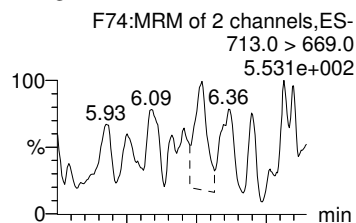
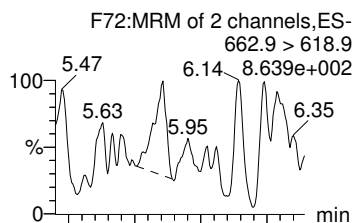
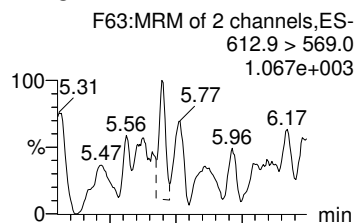
PFD_oA

PFT_rDA

PFT_eDA

TDCA

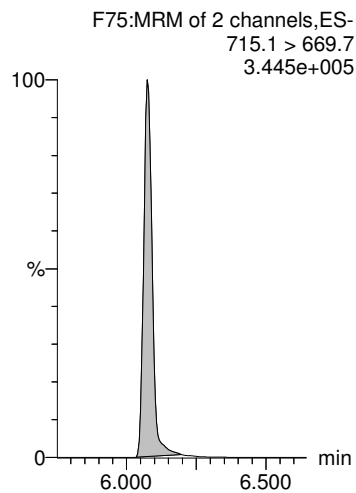
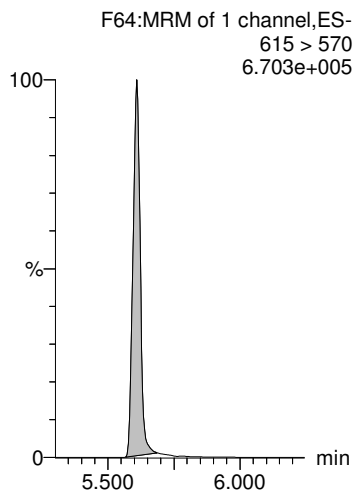
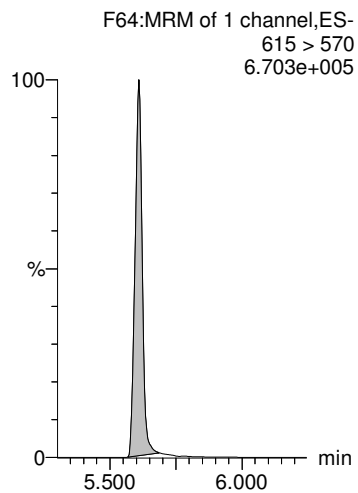
13C₈-PFOS-EIS



13C₂-PFD_oA-EIS

13C₂-PFD_oA-EIS

13C₂-PFT_eDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-24.qld

Last Altered: Monday, July 20, 2020 21:55:15 Pacific Daylight Time
 Printed: Monday, July 20, 2020 21:56:34 Pacific Daylight Time

Name: 200715M1_24, Date: 15-Jul-2020, Time: 17:16:20, ID: 2001409-13 TW07D-20200702 0.26983, Description: TW07D-20200702

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	2.757e1	1.135e3	0.270		2.52	2.53	0.304	0.485		1.789	NO
2	7 PFHxA	313.0 > 269.0	1.266e3	1.012e4	0.270		3.05	3.06	1.56	5.347		16.876	NO
3	9 HFPO-DA	285.1 > 168.9		7.672e2	0.270		3.28						YES
4	11 PFHpA	363.0 > 318.9	3.286e2	5.990e3	0.270		3.67	3.67	0.686	2.021		17.535	NO
5	12 ADONA	376.8 > 250.9		5.990e3	0.270		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.135e3		0.270	132.713	2.51	2.52	1130	31.686	68.4		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.012e4		0.270	1140.399	3.05	3.05	10100	32.897	71.0		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	7.672e2		0.270	95.609	3.27	3.28	767	29.738	64.2		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	5.990e3		0.270	678.250	3.66	3.67	5990	32.727	70.6		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	5.990e3		0.270	678.250	3.66	3.67	5990	32.727	70.6		
11	-1												
12	13 L-PFHxS	399 > 80.0	1.453e2	2.773e3	0.270		3.82	3.82	0.655	2.255		1.699	NO
13	1... Total PFHxS	399 > 80	1.453e2	2.773e3	0.270		3.83		0.655	2.255			
14	16 L-PFOA	412.8 > 368.9	2.577e3	1.256e4	0.270		4.18	4.18	2.56	6.160		3.995	NO
15	1... Total PFOA	412.8 > 368.9	2.577e3	1.256e4	0.270		4.20		2.56	6.160			
16	21 PFNA	463.0 > 418.8	1.879e2	1.188e4	0.270		4.62	4.62	0.198	0.442		2.692	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	2.773e3		0.270	300.225	3.81	3.82	2770	34.236	73.9		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	2.773e3		0.270	300.225	3.81	3.82	2770	34.236	73.9		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.256e4		0.270	1379.301	4.18	4.18	12600	33.744	72.8		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.256e4		0.270	1379.301	4.18	4.18	12600	33.744	72.8		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.188e4		0.270	1357.417	4.62	4.62	11900	32.443	70.0		
22	-1												
23	23 L-PFOS	499 > 80	2.877e3	3.223e3	0.270		4.70	4.71	11.2	40.162		2.198	NO
24	1... Total PFOS	499 > 80	2.877e3	3.223e3	0.270		4.73		11.2	40.162			
25	25 9Cl-PF30NS	531 > 351.0		3.223e3	0.270		4.91						YES
26	26 PFDA	513 > 468.8	1.144e3	1.212e4	0.270		5.00	5.00	1.18	2.818		5.677	NO
27	33 PFUdA	563.0 > 518.9	8.862e1	1.579e4	0.270		5.32	5.32	0.0702	0.216		41.820	NO
28	73 13C8-PFOS-EIS	507.0 > 80	3.223e3		0.270	325.478	4.70	4.70	3220	36.695	79.2		
29	73 13C8-PFOS-EIS	507.0 > 80	3.223e3		0.270	325.478	4.70	4.70	3220	36.695	79.2		
30	73 13C8-PFOS-EIS	507.0 > 80	3.223e3		0.270	325.478	4.70	4.70	3220	36.695	79.2		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.212e4		0.270	1297.091	4.99	5.00	12100	34.631	74.8		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.579e4		0.270	1982.390	5.32	5.32	15800	29.514	63.7		
33	-1												
34	29 L-MeFOSAA	570 > 419		8.678e3	0.270		5.14						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	8.678e3	0.270		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419		6.830e3	0.270		5.30						YES

Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-24.qld

Last Altered: Monday, July 20, 2020 21:55:15 Pacific Daylight Time

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Name: 200715M1_24, Date: 15-Jul-2020, Time: 17:16:20, ID: 2001409-13 TW07D-20200702 0.26983, Description: TW07D-20200702

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	0.000e0	6.830e3	0.270		5.33		0.000				
38	35 11Cl-PF30UdS	630.9 > 450.9		1.372e4	0.270		5.54						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	8.678e3		0.270	1028.346	5.14	5.14	8680	31.276	67.5		
40	79 d3-N-MeFOSAA-EIS	573. > 419	8.678e3		0.270	1028.346	5.14	5.14	8680	31.276	67.5		
41	83 d5-N-EtFOSAA-EIS	589. > 419	6.830e3		0.270	1002.506	5.30	5.30	6830	25.247	54.5		
42	83 d5-N-EtFOSAA-EIS	589. > 419	6.830e3		0.270	1002.506	5.30	5.30	6830	25.247	54.5		
43	85 13C2-PFDoA-EIS	615 > 570	1.372e4		0.270	2377.108	5.61	5.61	13700	21.388	46.2		
44	-1												
45	37 PFDoA	612.9 > 569.0	7.725e1	1.372e4	0.270		5.61	5.61	0.0704			7.951	NO
46	39 PFTrDA	662.9 > 618.9		1.372e4	0.270		5.86						YES
47	41 PFTeDA	713.0 > 669.0	6.768e1	2.391e3	0.270		6.07	6.07	0.354	0.730		33.755	NO
48	1... TDCA	498.3>106.9			0.270	26.140	4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	3.223e3		0.270	325.478	4.70	4.70	3220	36.695	79.2		
50	85 13C2-PFDoA-EIS	615 > 570	1.372e4		0.270	2377.108	5.61	5.61	13700	21.388	46.2		
51	85 13C2-PFDoA-EIS	615 > 570	1.372e4		0.270	2377.108	5.61	5.61	13700	21.388	46.2		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	2.391e3		0.270	1521.910	6.07	6.07	2390	5.823	12.6		

Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-24.qld

Last Altered: Monday, July 20, 2020 21:55:15 Pacific Daylight Time

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 20 Jul 2020 21:50:30

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Name: 200715M1_24, Date: 15-Jul-2020, Time: 17:16:20, ID: 2001409-13 TW07D-20200702 0.26983, Description: TW07D-20200702

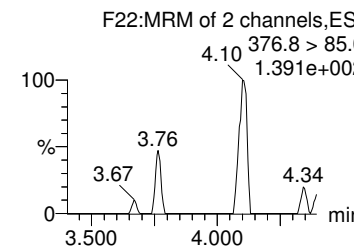
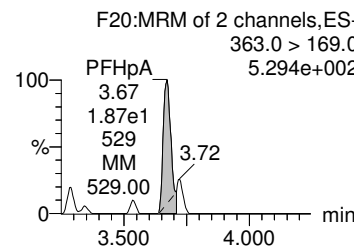
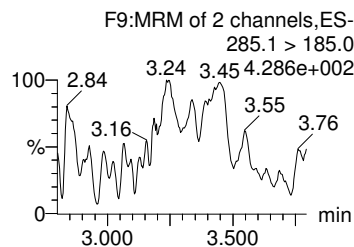
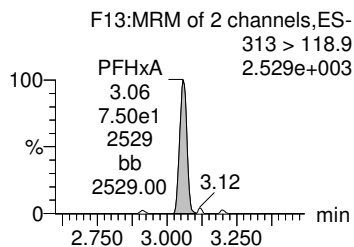
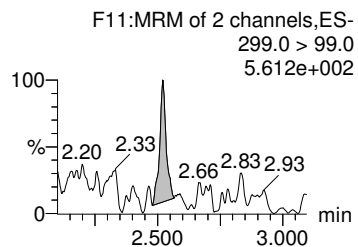
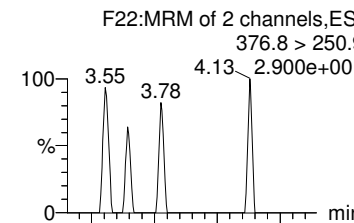
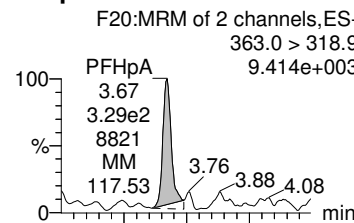
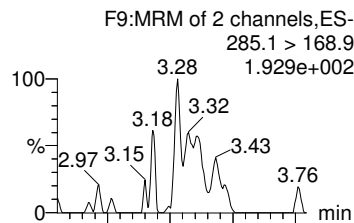
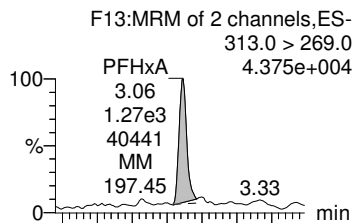
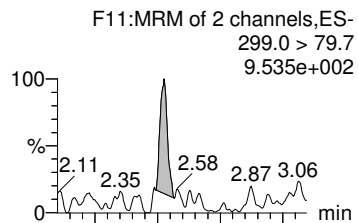
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



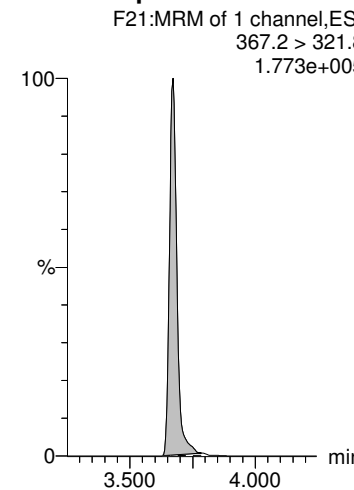
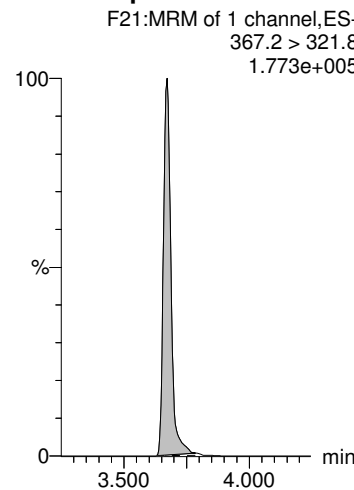
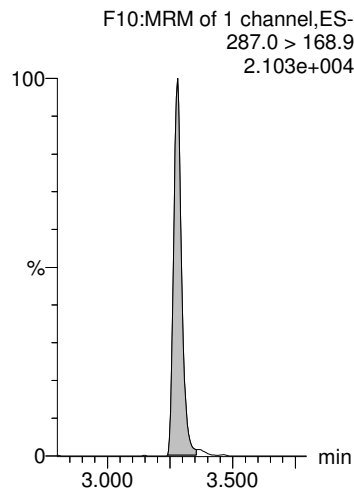
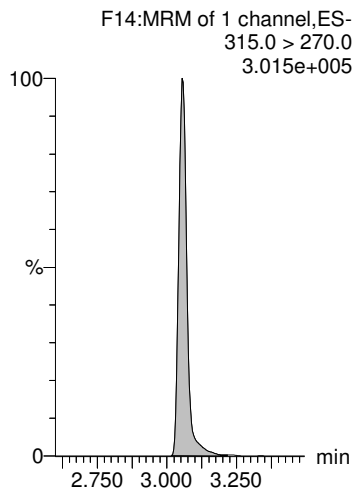
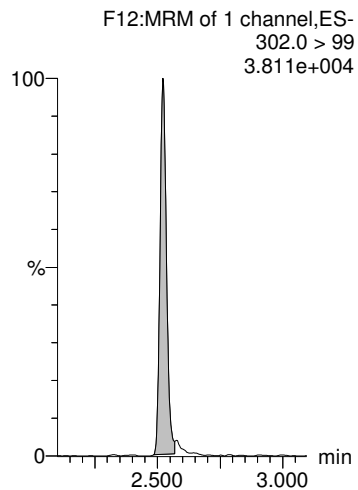
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-24.qld

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Name: 200715M1_24, Date: 15-Jul-2020, Time: 17:16:20, ID: 2001409-13 TW07D-20200702 0.26983, Description: TW07D-20200702

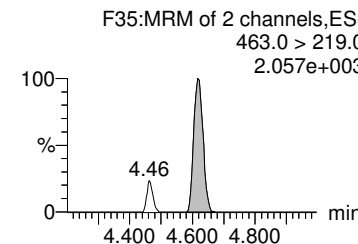
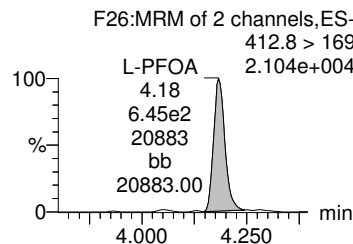
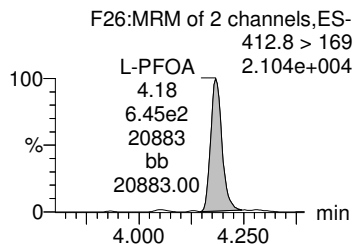
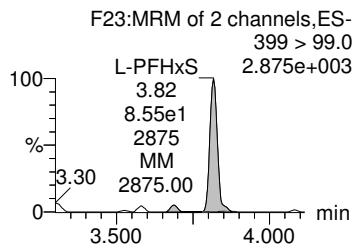
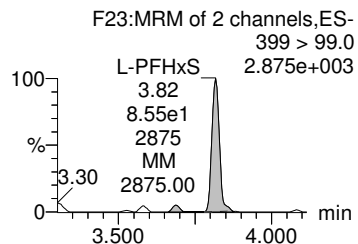
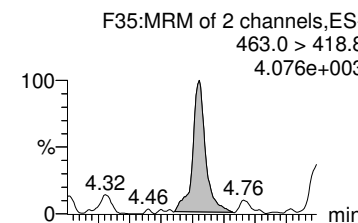
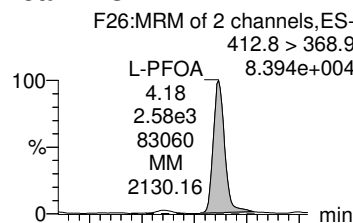
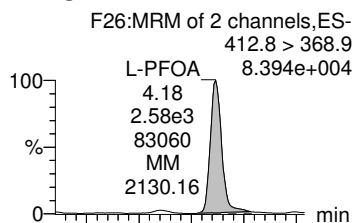
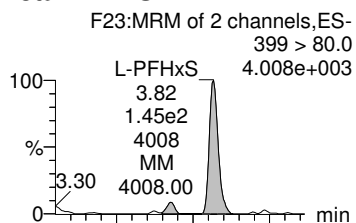
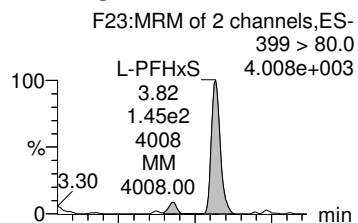
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



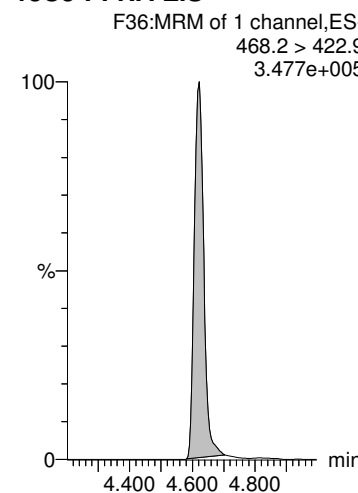
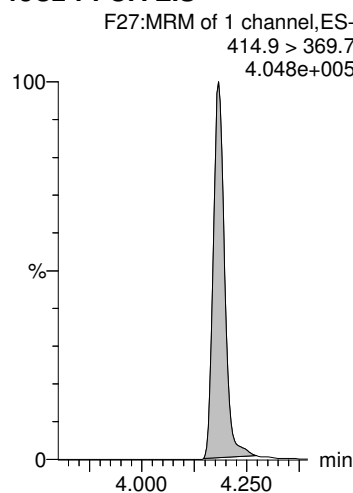
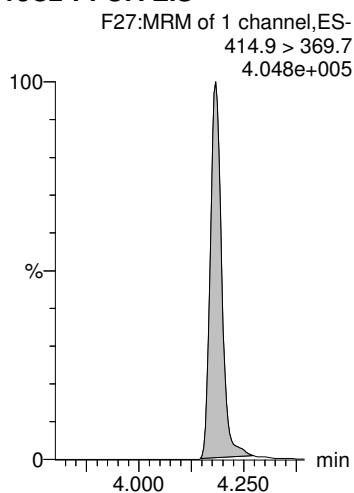
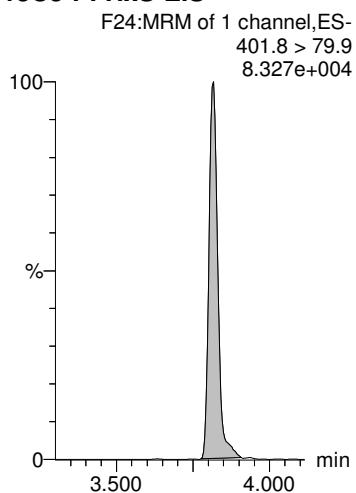
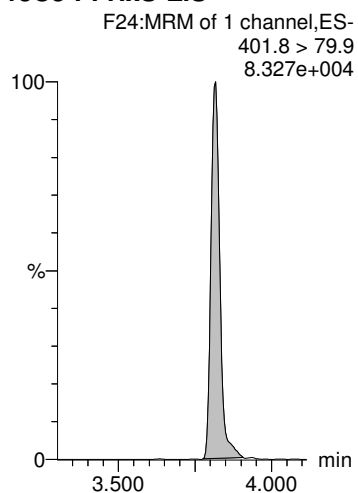
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-24.qld

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Name: 200715M1_24, Date: 15-Jul-2020, Time: 17:16:20, ID: 2001409-13 TW07D-20200702 0.26983, Description: TW07D-20200702

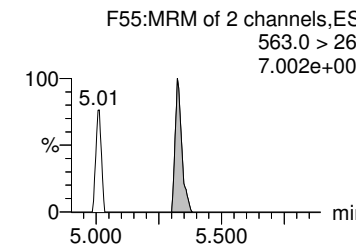
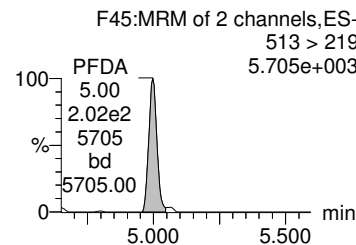
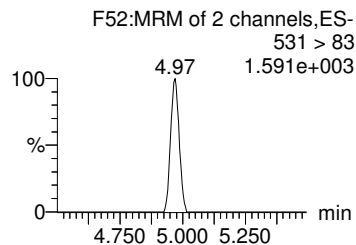
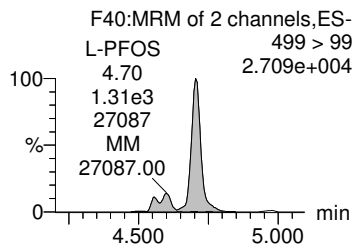
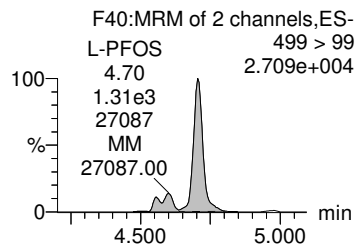
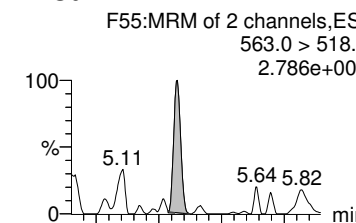
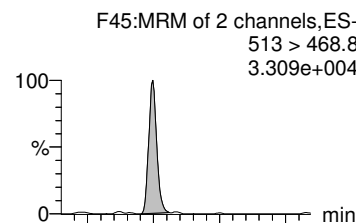
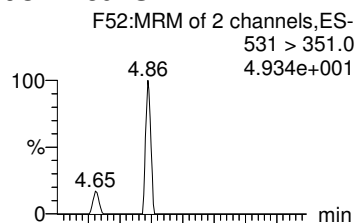
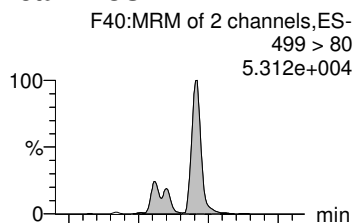
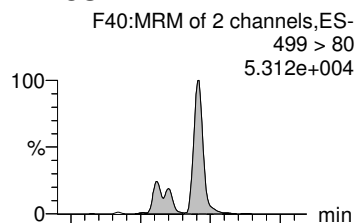
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



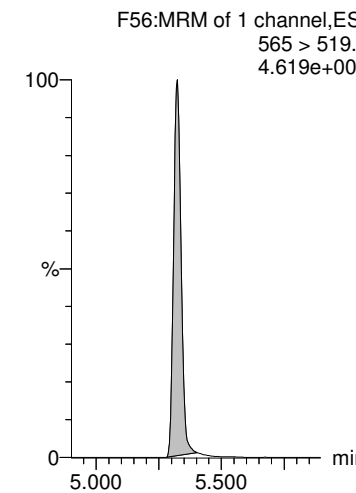
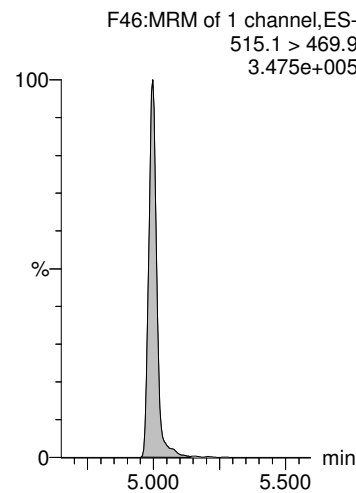
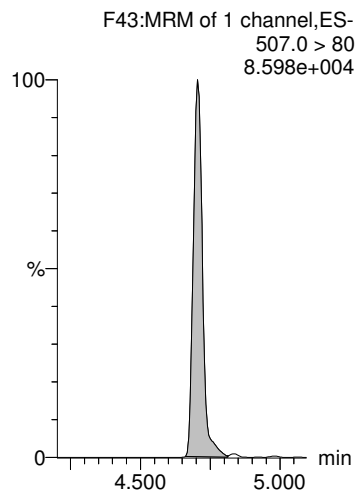
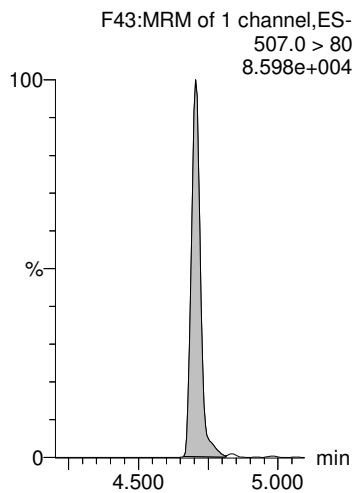
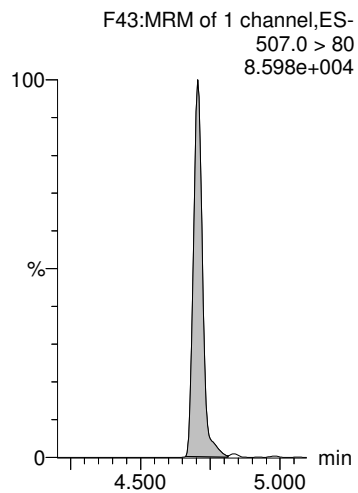
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200715M1\200715M1-24.qld

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Name: 200715M1_24, Date: 15-Jul-2020, Time: 17:16:20, ID: 2001409-13 TW07D-20200702 0.26983, Description: TW07D-20200702

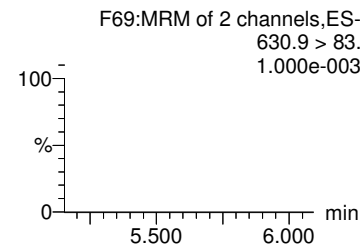
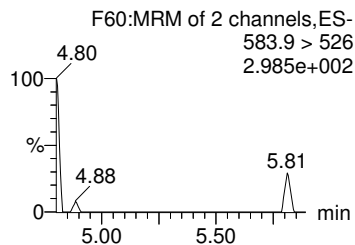
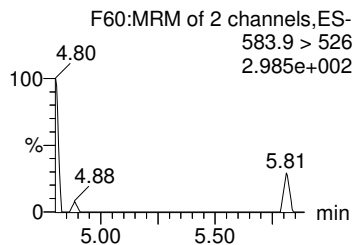
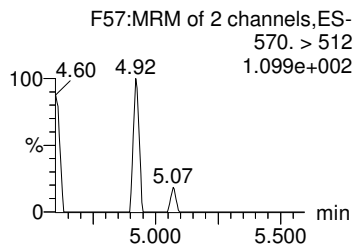
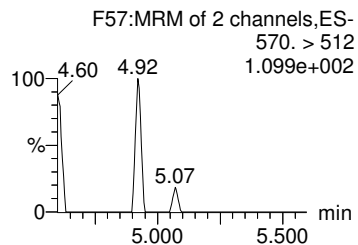
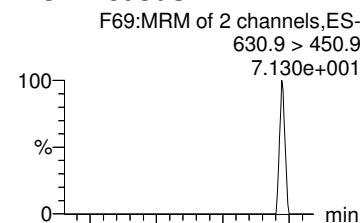
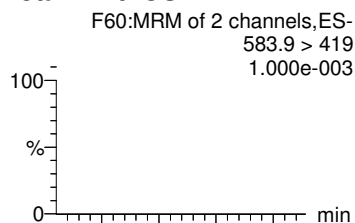
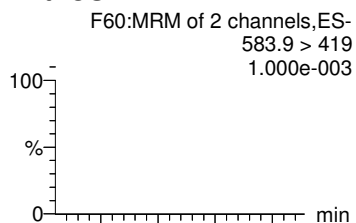
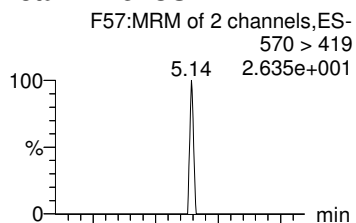
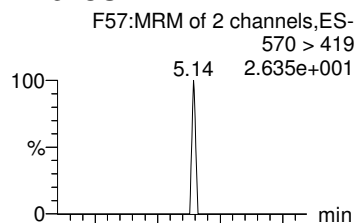
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30UdS



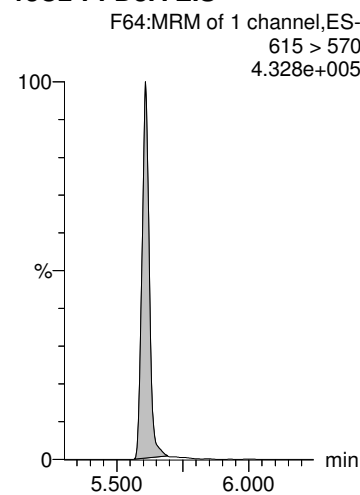
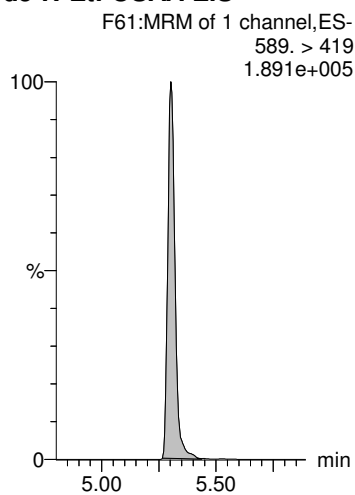
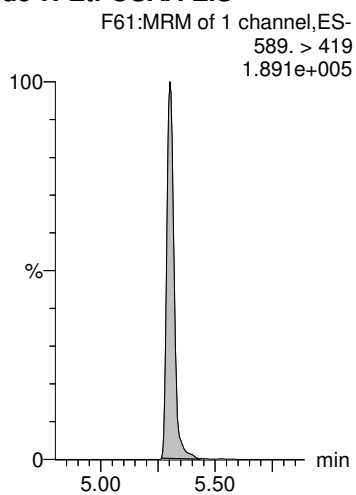
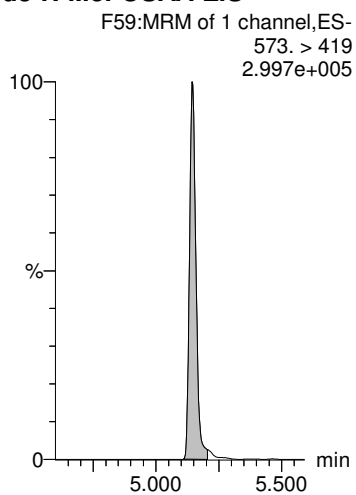
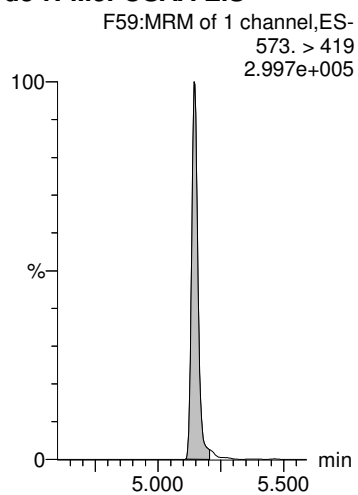
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



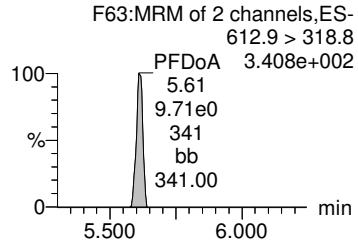
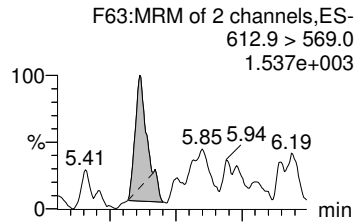
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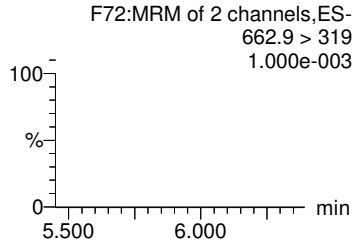
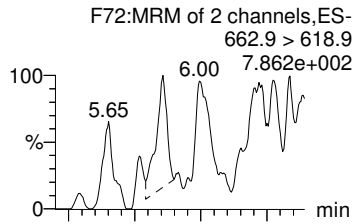
Printed: Monday, July 20, 2020 21:56:34 Pacific Daylight Time

Name: 200715M1_24, Date: 15-Jul-2020, Time: 17:16:20, ID: 2001409-13 TW07D-20200702 0.26983, Description: TW07D-20200702

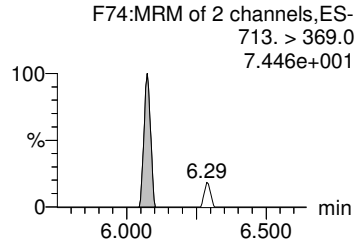
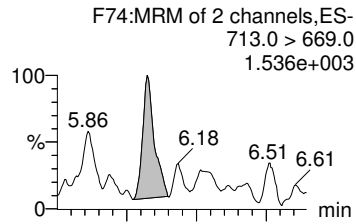
PFDoA



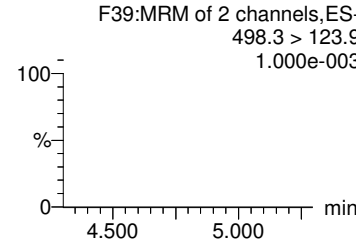
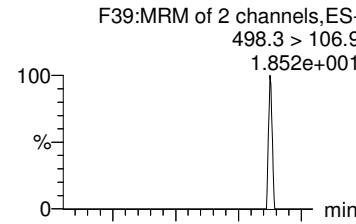
PFTrDA



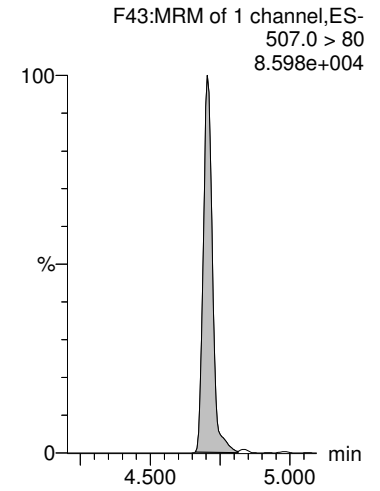
PFTeDA



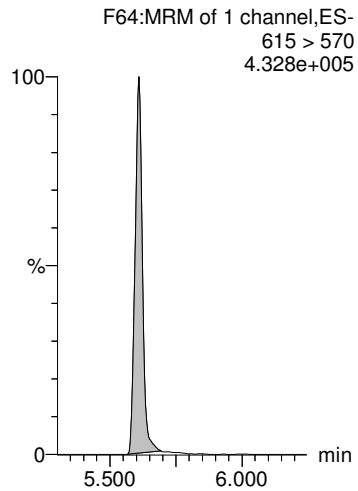
TDCA



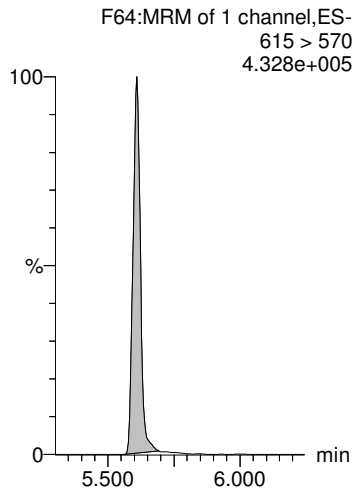
13C8-PFOS-EIS



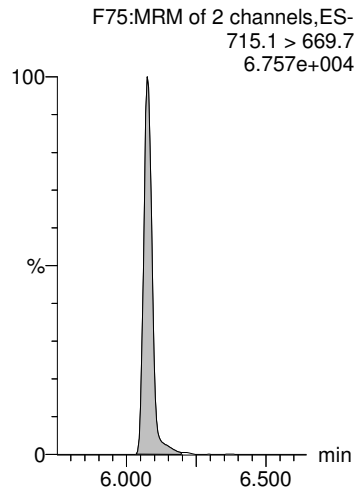
13C2-PFDoA-EIS



13C2-PFDoA-EIS



13C2-PFTeDA-EIS



Dataset: M:\Projects\PFAS.PRO\Results\200714M1\200714M1-89.qld

Last Altered: Monday, July 20, 2020 19:03:32 Pacific Daylight Time
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Name: 200714M1_89, Date: 15-Jul-2020, Time: 06:23:29, ID: 2001409-14 TW05D-20200702 0.25976, Description: TW05D-20200702

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	5 PFBS	299.0 > 79.7	3.688e2	1.346e3	0.260		2.51	2.52	3.42	6.773		2.351	NO
2	7 PFHxA	313.0 > 269.0	1.674e4	1.001e4	0.260		3.05	3.05	20.9	77.802		17.839	NO
3	9 HFPO-DA	285.1 > 168.9		7.719e2	0.260		3.27						YES
4	11 PFHpA	363.0 > 318.9	2.815e3	5.779e3	0.260		3.67	3.67	6.09	18.379		13.924	NO
5	12 ADONA	376.8 > 250.9		5.779e3	0.260		3.76						YES
6	51 13C3-PFBS-EIS	302.0 > 99	1.346e3		0.260	127.271	2.52	2.51	1350	40.718	84.6		
7	57 13C2-PFHxA-EIS	315.0 > 270.0	1.001e4		0.260	1154.290	3.05	3.05	10000	33.387	69.4		
8	53 13C3-HFPO-DA-EIS	287.0 > 168.9	7.719e2		0.260	101.036	3.28	3.27	772	29.413	61.1		
9	59 13C4-PFHpA-EIS	367.2 > 321.8	5.779e3		0.260	686.728	3.67	3.67	5780	32.395	67.3		
10	59 13C4-PFHpA-EIS	367.2 > 321.8	5.779e3		0.260	686.728	3.67	3.67	5780	32.395	67.3		
11	-1												
12	13 L-PFHxS	399 > 80.0	1.817e3	2.709e3	0.260		3.81	3.81	8.38	28.881		1.708	NO
13	1... Total PFHxS	399 > 80	1.817e3	2.709e3	0.260		3.83		8.38	28.881			
14	16 L-PFOA	412.8 > 368.9	1.304e5	1.262e4	0.260		4.18	4.18	129	352.374		3.283	NO
15	1... Total PFOA	412.8 > 368.9	1.304e5	1.262e4	0.260		4.20		129	352.374			
16	21 PFNA	463.0 > 418.8	3.497e2	1.148e4	0.260		4.62	4.62	0.381	1.187		6.347	NO
17	61 13C3-PFHxS-EIS	401.8 > 79.9	2.709e3		0.260	319.274	3.82	3.81	2710	32.666	67.9		
18	61 13C3-PFHxS-EIS	401.8 > 79.9	2.709e3		0.260	319.274	3.82	3.81	2710	32.666	67.9		
19	69 13C2-PFOA-EIS	414.9 > 369.7	1.262e4		0.260	1394.720	4.19	4.18	12600	34.827	72.4		
20	69 13C2-PFOA-EIS	414.9 > 369.7	1.262e4		0.260	1394.720	4.19	4.18	12600	34.827	72.4		
21	65 13C5-PFNA-EIS	468.2 > 422.9	1.148e4		0.260	1417.984	4.63	4.62	11500	31.178	64.8		
22	-1												
23	23 L-PFOS	499 > 80	1.034e3	2.878e3	0.260		4.70	4.70	4.49	17.174		2.476	NO
24	1... Total PFOS	499 > 80	1.034e3	2.878e3	0.260		4.73		4.49	17.174			
25	25 9Cl-PF30NS	531 > 351.0		2.878e3	0.260		4.91						YES
26	26 PFDA	513 > 468.8	2.257e3	1.250e4	0.260		4.99	5.00	2.26	5.960		8.074	NO
27	33 PFUdA	563.0 > 518.9		1.502e4	0.260		5.32						YES
28	73 13C8-PFOS-EIS	507.0 > 80	2.878e3		0.260	361.054	4.71	4.70	2880	30.683	63.8		
29	73 13C8-PFOS-EIS	507.0 > 80	2.878e3		0.260	361.054	4.71	4.70	2880	30.683	63.8		
30	73 13C8-PFOS-EIS	507.0 > 80	2.878e3		0.260	361.054	4.71	4.70	2880	30.683	63.8		
31	75 13C2-PFDA-EIS	515.1 > 469.9	1.250e4		0.260	1350.069	5.00	4.99	12500	35.646	74.1		
32	81 13C2-PFUdA-EIS	565 > 519.8	1.502e4		0.260	1994.364	5.33	5.32	15000	28.989	60.2		
33	-1												
34	29 L-MeFOSAA	570 > 419		8.062e3	0.260		5.14						YES
35	1... Total N-MeFOSAA	570. > 419	0.000e0	8.062e3	0.260		5.17		0.000				
36	31 L-EtFOSAA	583.9 > 419	4.377e0	7.090e3	0.260		5.30	5.31	0.00772	0.370		0.487	NO

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#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
37	1... Total N-EtFOSAA	583.9 > 419	4.377e0	7.090e3	0.260		5.33		0.00772	0.370			
38	35 11Cl-PF30UdS	630.9 > 450.9		1.543e4	0.260		5.54						YES
39	79 d3-N-MeFOSAA-EIS	573. > 419	8.062e3		0.260	1024.448	5.15	5.14	8060	30.297	63.0		
40	79 d3-N-MeFOSAA-EIS	573. > 419	8.062e3		0.260	1024.448	5.15	5.14	8060	30.297	63.0		
41	83 d5-N-EtFOSAA-EIS	589. > 419	7.090e3		0.260	964.220	5.31	5.30	7090	28.306	58.8		
42	83 d5-N-EtFOSAA-EIS	589. > 419	7.090e3		0.260	964.220	5.31	5.30	7090	28.306	58.8		
43	85 13C2-PFDoA-EIS	615 > 570	1.543e4		0.260	2212.380	5.62	5.61	15400	26.850	55.8		
44	-1												
45	37 PFDoA	612.9 > 569.0	1.974e2	1.543e4	0.260		5.61	5.61	0.160	0.142		16.047	NO
46	39 PFTrDA	662.9 > 618.9		1.543e4	0.260		5.86						YES
47	41 PFTeDA	713.0 > 669.0	5.824e1	5.385e3	0.260		6.08	6.07	0.135	0.517		134.193	NO
48	1... TDCA	498.3>106.9			0.260		4.85						YES
49	73 13C8-PFOS-EIS	507.0 > 80	2.878e3		0.260	361.054	4.71	4.70	2880	30.683	63.8		
50	85 13C2-PFDoA-EIS	615 > 570	1.543e4		0.260	2212.380	5.62	5.61	15400	26.850	55.8		
51	85 13C2-PFDoA-EIS	615 > 570	1.543e4		0.260	2212.380	5.62	5.61	15400	26.850	55.8		
52	91 13C2-PFTeDA-EIS	715.1 > 669.7	5.385e3		0.260	1536.348	6.08	6.08	5390	13.494	28.0		

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Method: M:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 20 Jul 2020 18:58:02

Calibration: M:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_89, Date: 15-Jul-2020, Time: 06:23:29, ID: 2001409-14 TW05D-20200702 0.25976, Description: TW05D-20200702

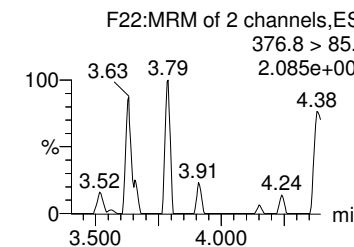
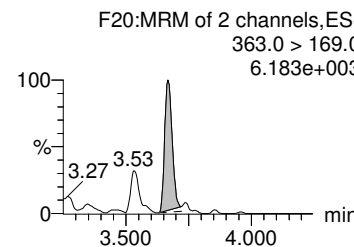
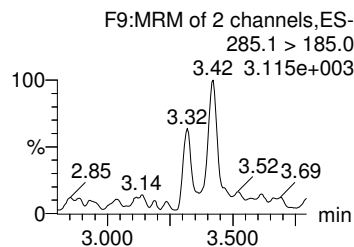
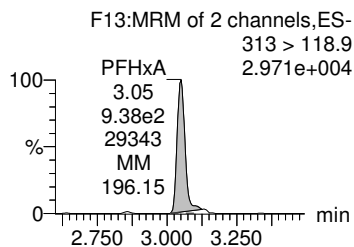
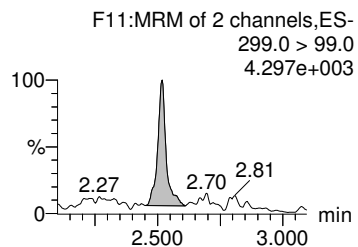
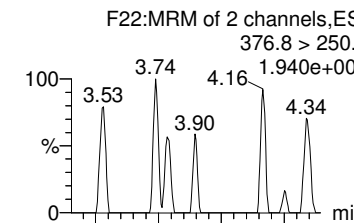
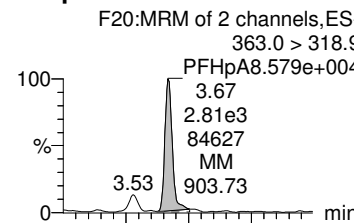
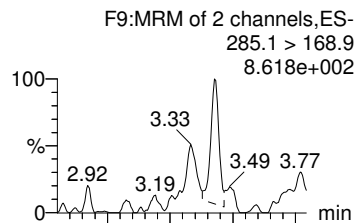
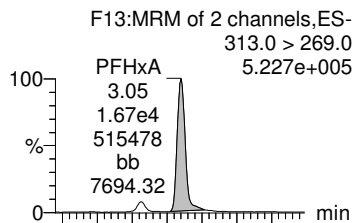
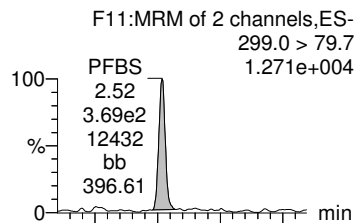
PFBS

PFHxA

HFPO-DA

PFHpA

ADONA



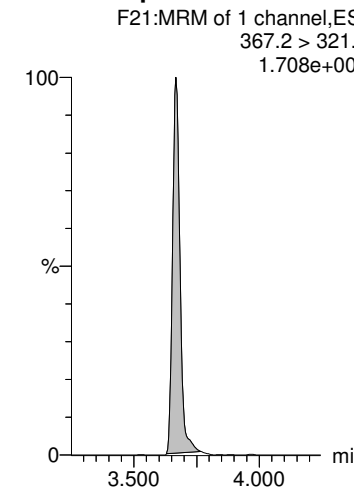
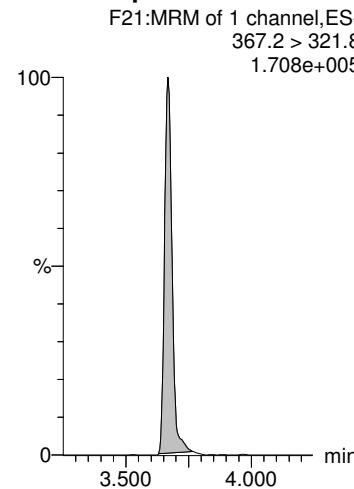
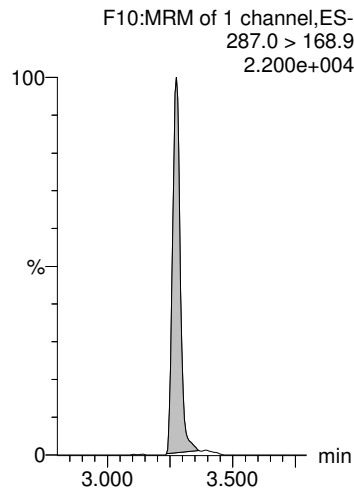
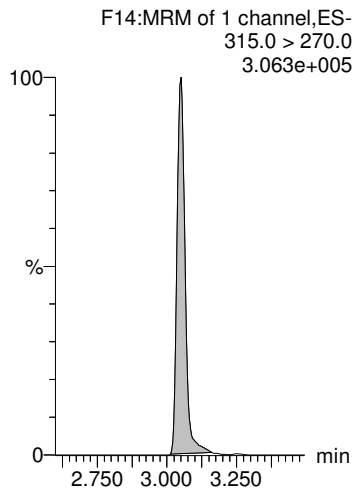
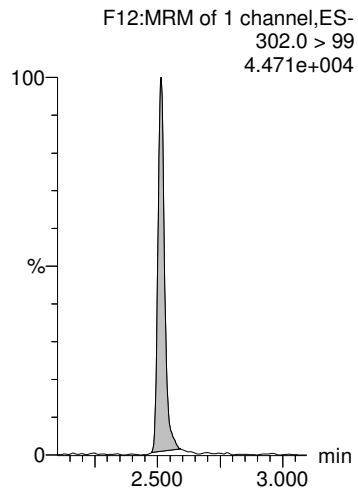
13C3-PFBS-EIS

13C2-PFHxA-EIS

13C3-HFPO-DA-EIS

13C4-PFHpA-EIS

13C4-PFHpA-EIS



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Name: 200714M1_89, Date: 15-Jul-2020, Time: 06:23:29, ID: 2001409-14 TW05D-20200702 0.25976, Description: TW05D-20200702

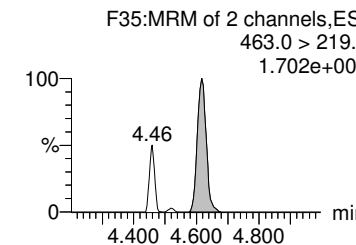
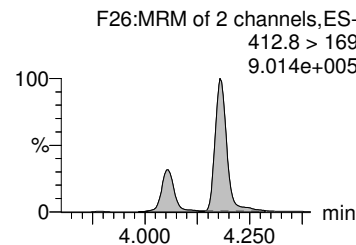
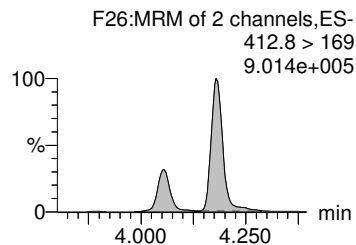
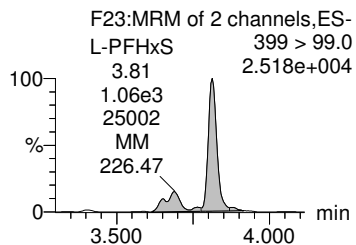
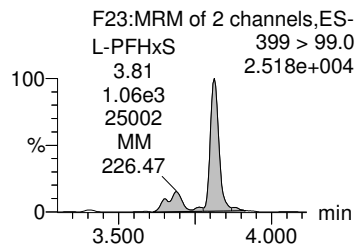
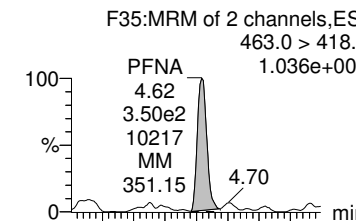
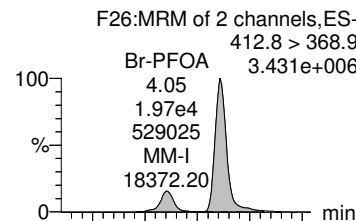
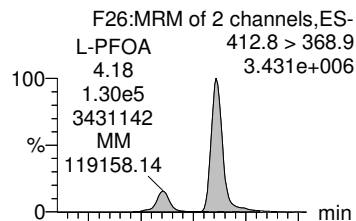
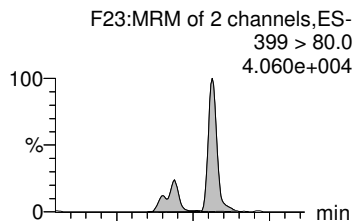
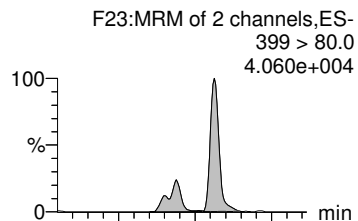
L-PFHxS

Total PFHxS

L-PFOA

Total PFOA

PFNA



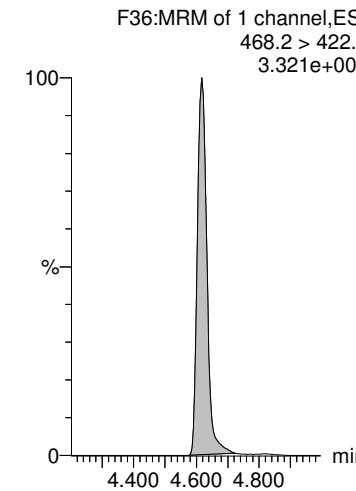
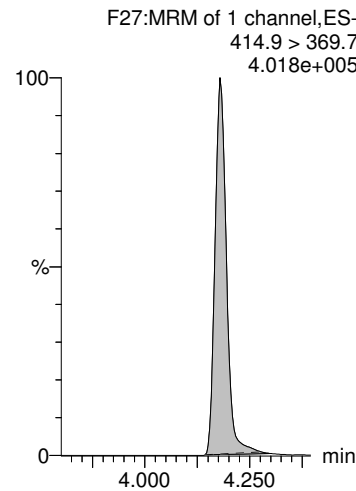
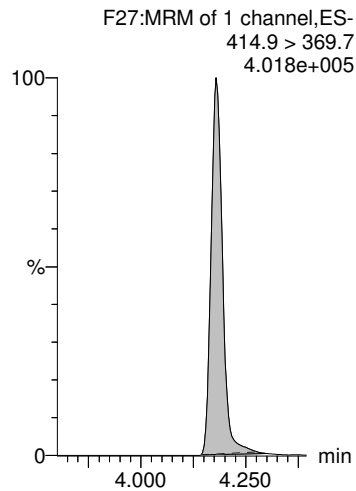
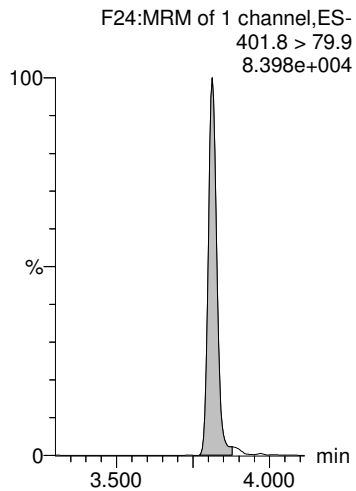
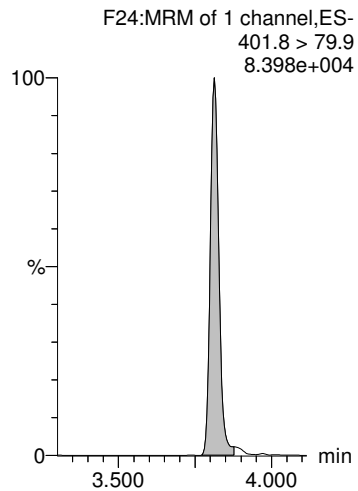
13C3-PFHxS-EIS

13C3-PFHxS-EIS

13C2-PFOA-EIS

13C2-PFOA-EIS

13C5-PFNA-EIS



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Name: 200714M1_89, Date: 15-Jul-2020, Time: 06:23:29, ID: 2001409-14 TW05D-20200702 0.25976, Description: TW05D-20200702

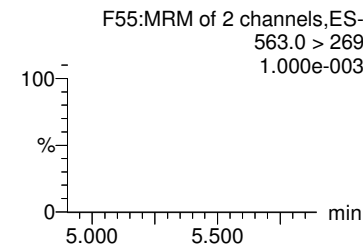
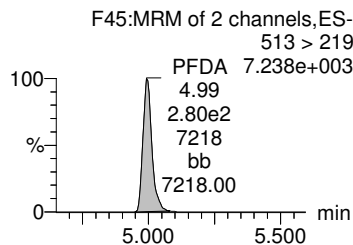
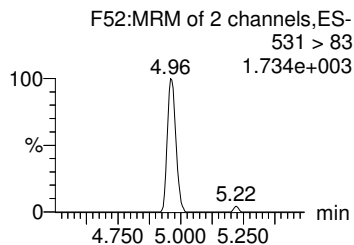
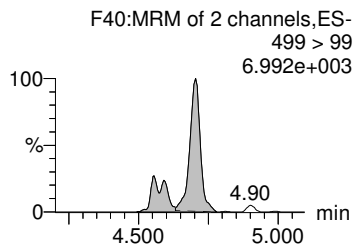
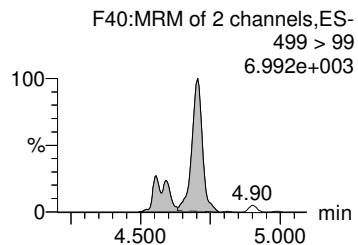
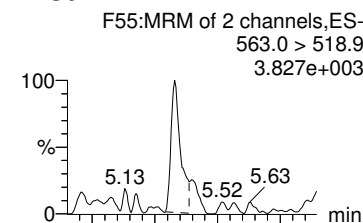
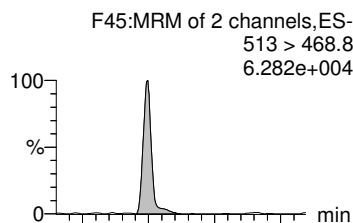
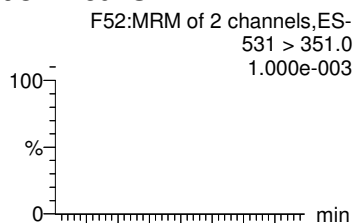
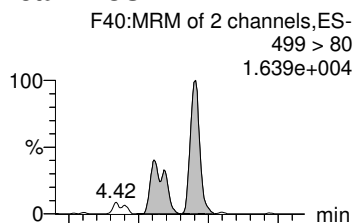
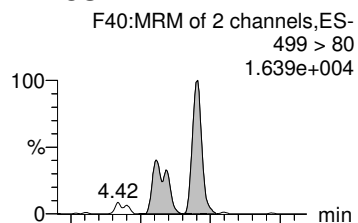
L-PFOS

Total PFOS

9CI-PF30NS

PFDA

PFUdA



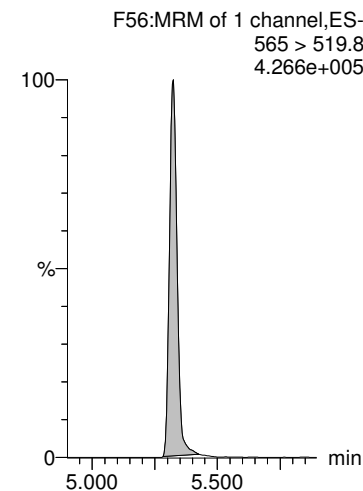
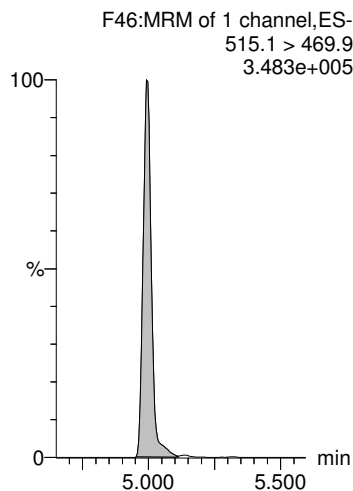
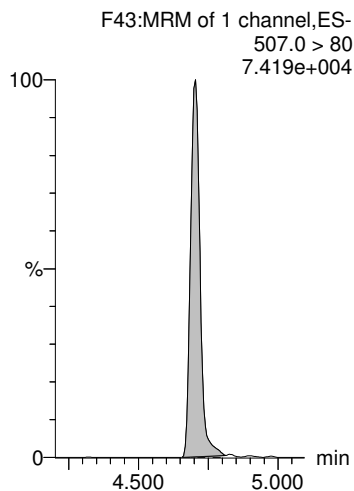
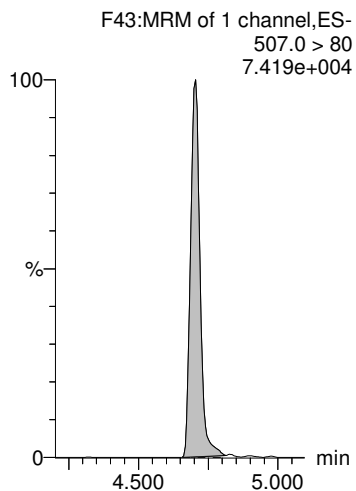
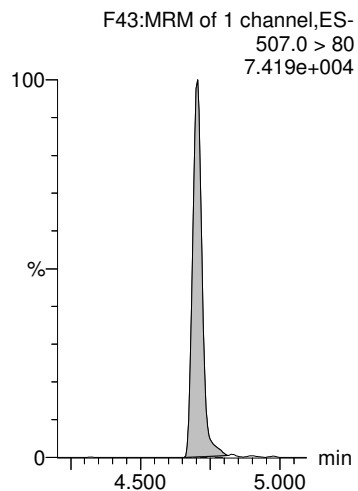
13C8-PFOS-EIS

13C8-PFOS-EIS

13C8-PFOS-EIS

13C2-PFDA-EIS

13C2-PFUdA-EIS



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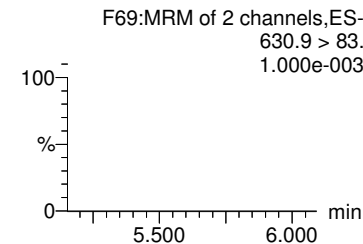
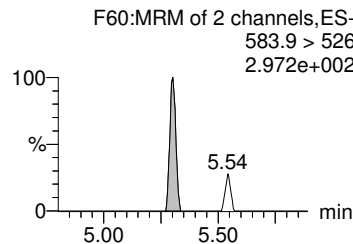
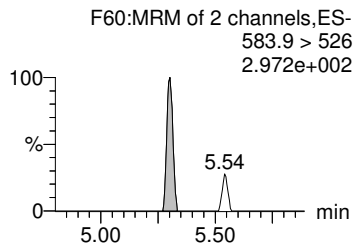
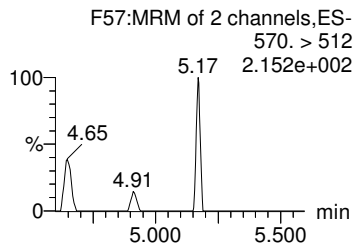
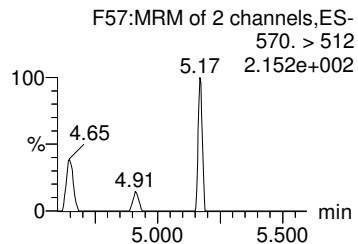
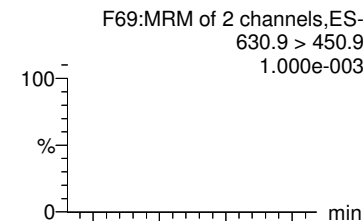
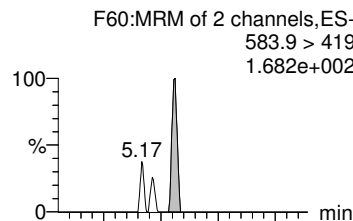
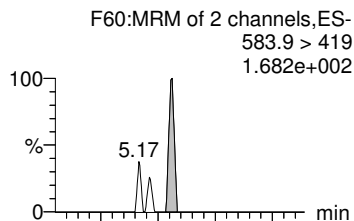
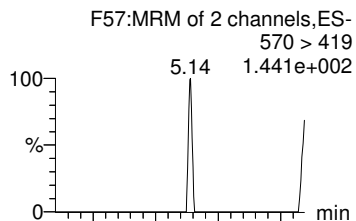
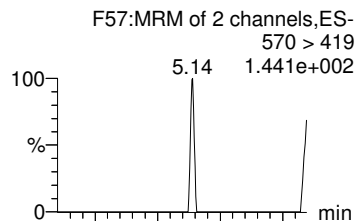
L-MeFOSAA

Total N-MeFOSAA

L-EtFOSAA

Total N-EtFOSAA

11CI-PF30UdS



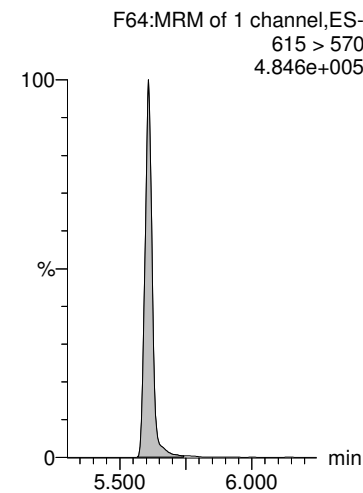
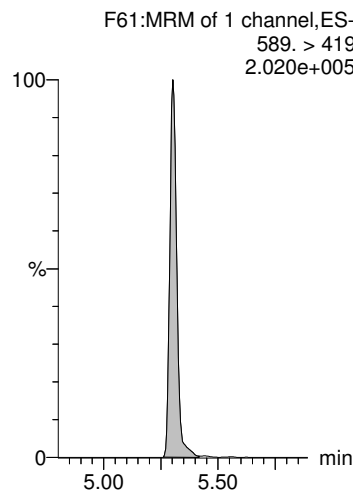
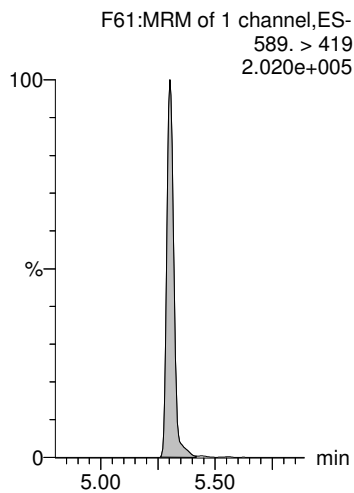
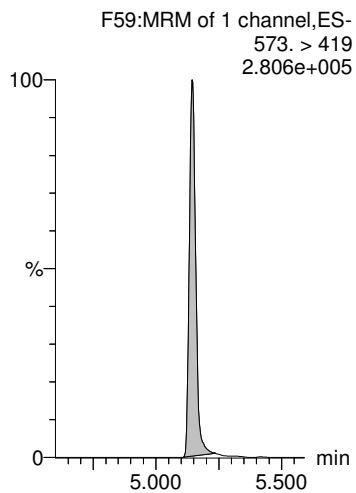
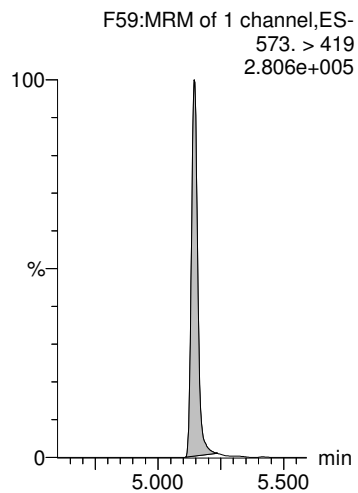
d3-N-MeFOSAA-EIS

d3-N-MeFOSAA-EIS

d5-N-EtFOSAA-EIS

d5-N-EtFOSAA-EIS

13C2-PFDoA-EIS



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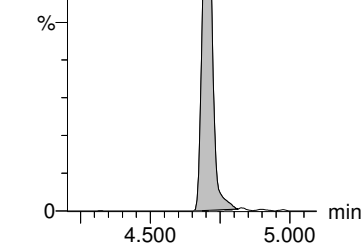
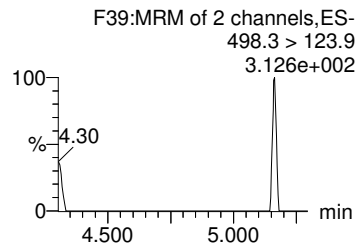
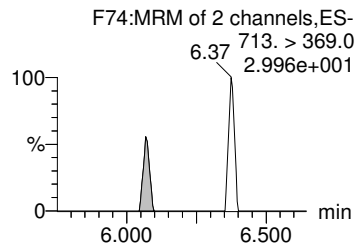
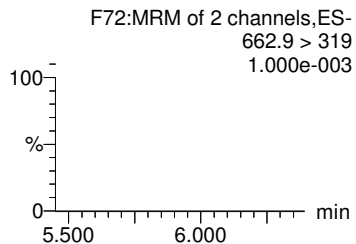
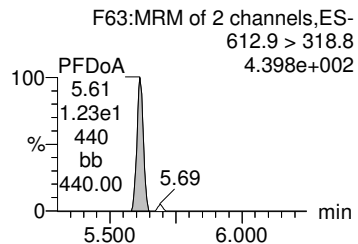
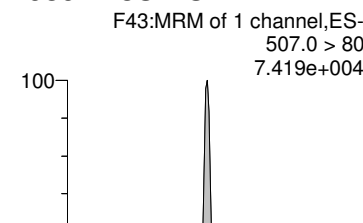
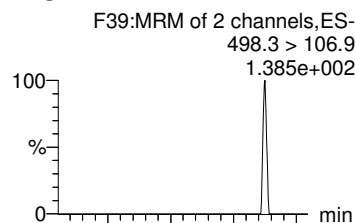
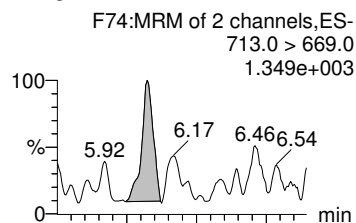
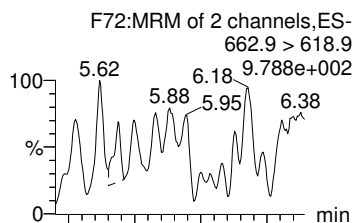
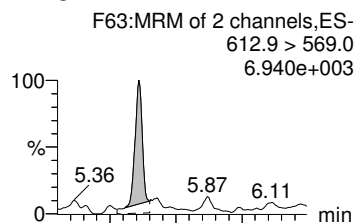
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PFT_rDA

PFT_eDA

TDCA

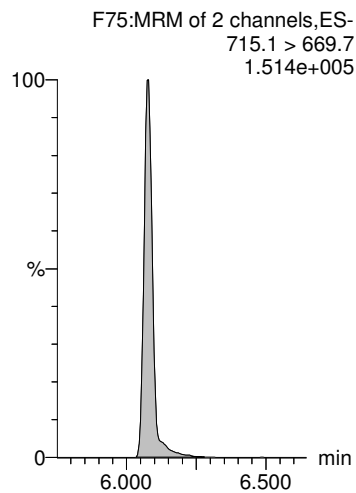
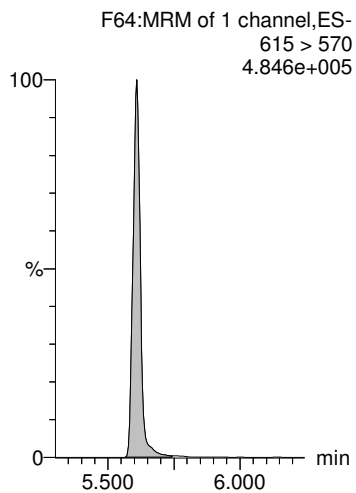
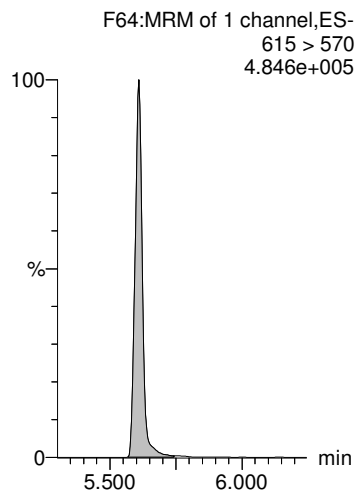
13C₈-PFOS-EIS



13C₂-PFD_oA-EIS

13C₂-PFD_oA-EIS

13C₂-PFT_eDA-EIS



INSTRUMENT BLANKS (IB)
AND
CONTINUING CALIBRATION VERIFICATIONS (CCV)

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Last Altered: Wednesday, July 15, 2020 11:16:54 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 11:16:58 Pacific Daylight Time

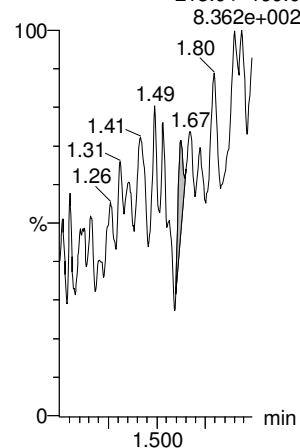
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Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

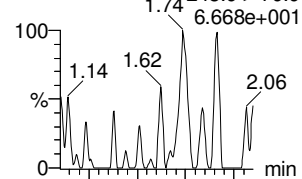
PFBA

IB IB F2:MRM of 1 channel,ES-213.0 > 169.0
8.362e+002

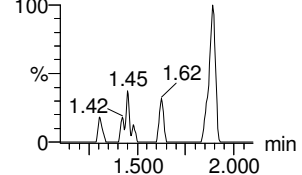


PFPrS

IB IB F6:MRM of 2 channels,ES-248.9 > 79.9
6.668e+001

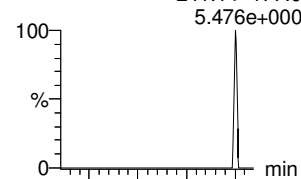


IB IB F6:MRM of 2 channels,ES-248.9 > 98.9
5.148e+001

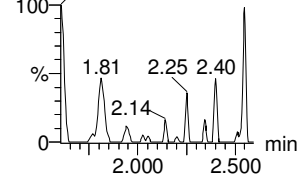


3:3 FTCA

IB IB F5:MRM of 2 channels,ES-241.1 > 177.0
5.476e+000

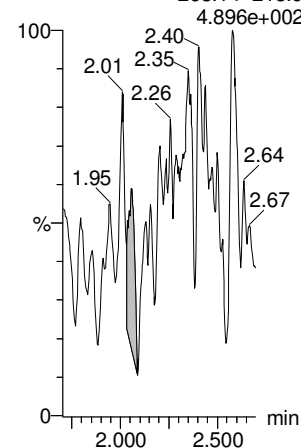


IB IB F5:MRM of 2 channels,ES-241.1 > 117.0
5.668e+001



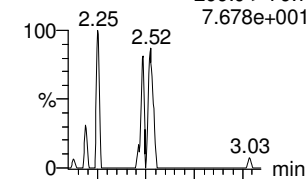
PFPeA

IB IB F7:MRM of 1 channel,ES-263.1 > 218.9
4.896e+002

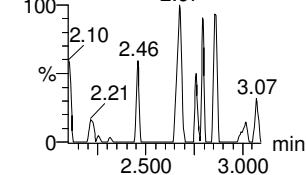


PFBS

F11:MRM of 2 channels,ES-299.0 > 79.7
7.678e+001

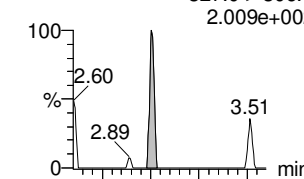


F11:MRM of 2 channels,ES-299.0 > 99.0
2.676.359e+001

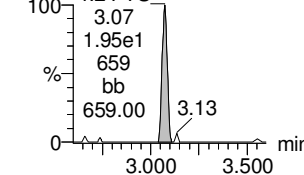


4:2 FTS

F16:MRM of 2 channels,ES-327.0 > 306.9
2.009e+002

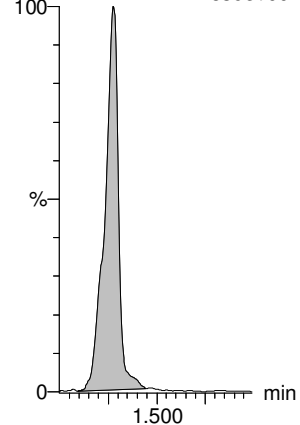


F16:MRM of 2 channels,ES-327.0 > 80.9
6.589e+002



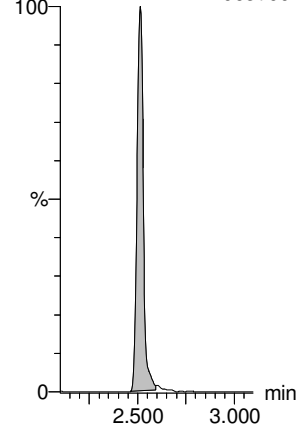
13C3-PFBA-EIS

IB IB F3:MRM of 1 channel,ES-216.1 > 171.8
7.539e+004



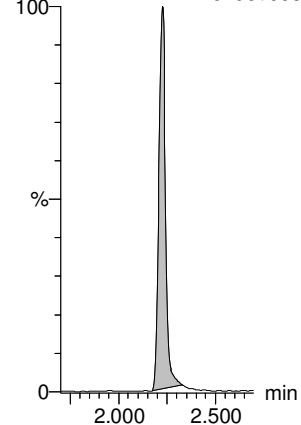
13C3-PFBS-EIS

IB IB F12:MRM of 1 channel,ES-302.0 > 99
4.706e+004



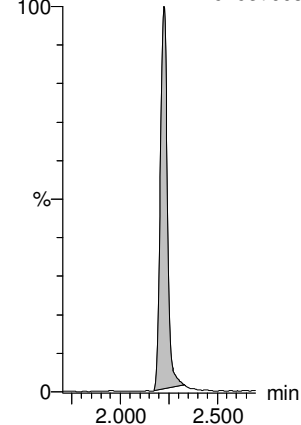
13C3-PFPeA-EIS

IB IB F8:MRM of 1 channel,ES-266.0 > 221.8
1.949e+005



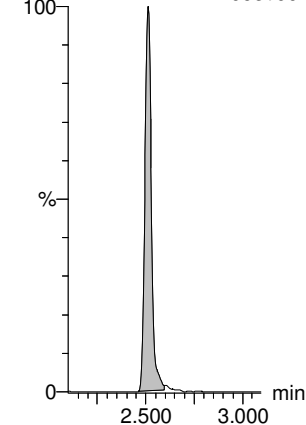
13C3-PFPeA-EIS

IB IB F8:MRM of 1 channel,ES-266.0 > 221.8
1.949e+005



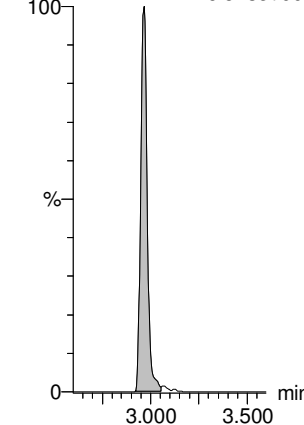
13C3-PFBS-EIS

IB IB F12:MRM of 1 channel,ES-302.0 > 99
4.706e+004



13C2-4:2 FTS-EIS

F17:MRM of 2 channels,ES-329.0 > 79.9
6.523e+004



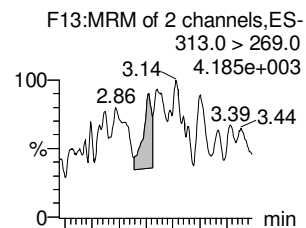
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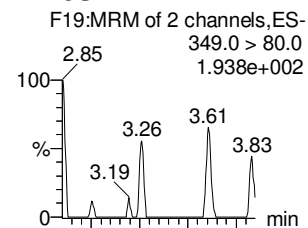
Printed: Wednesday, July 15, 2020 11:16:58 Pacific Daylight Time

Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

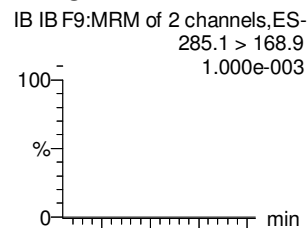
PFHxA



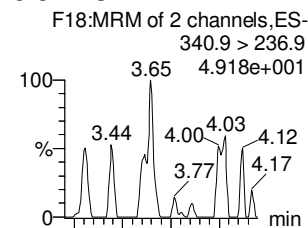
PFPeS



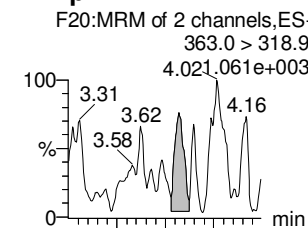
HFPO-DA



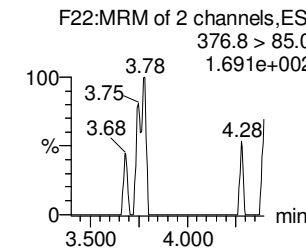
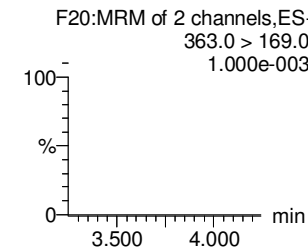
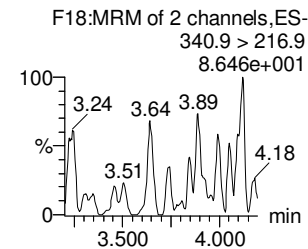
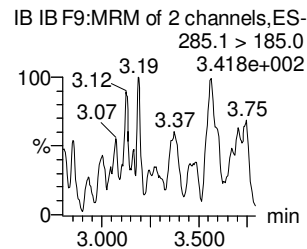
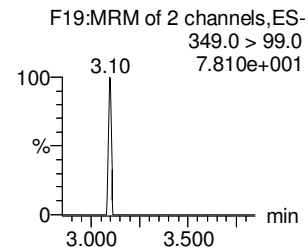
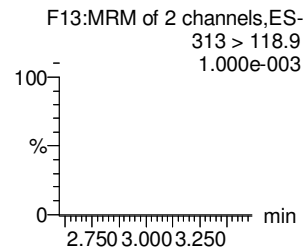
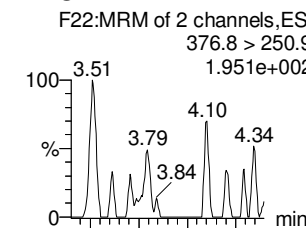
5:3 FTCA



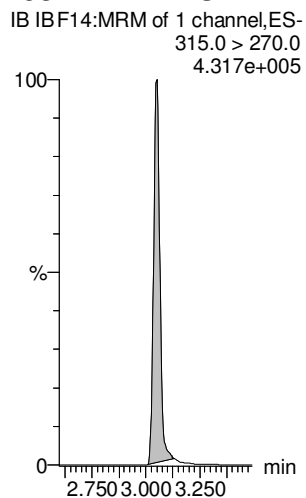
PFHpA



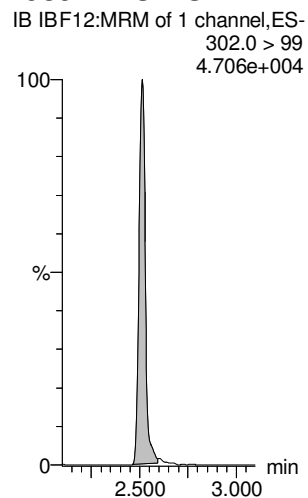
ADONA



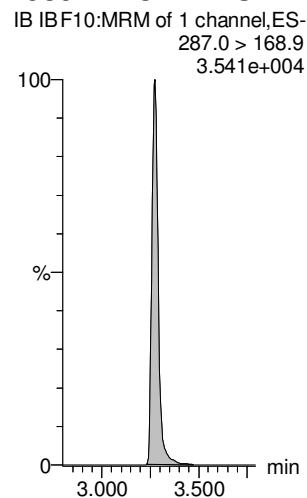
13C2-PFHxA-EIS



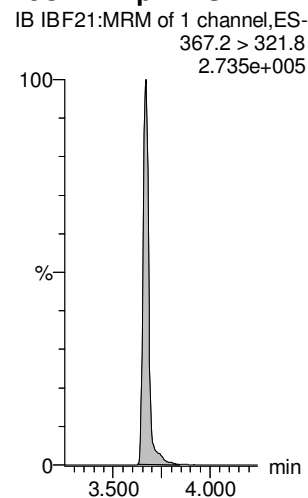
13C3-PFBS-EIS



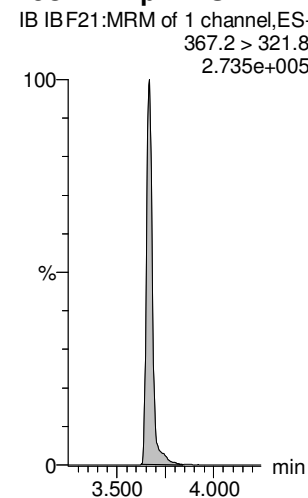
13C3-HFPO-DA-EIS



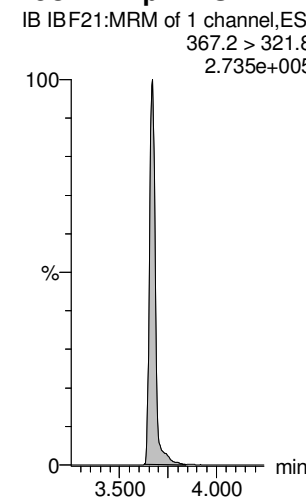
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



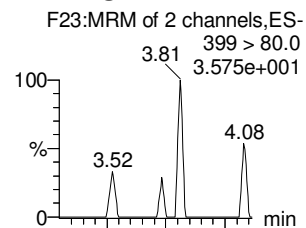
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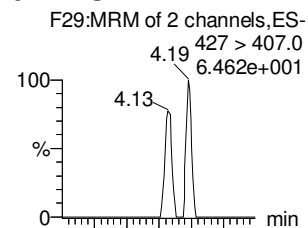
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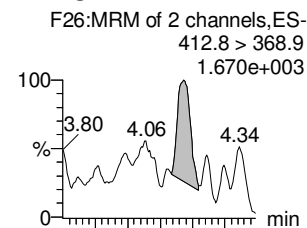
L-PFHxS



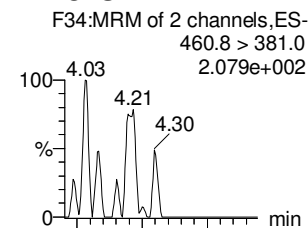
6:2 FTS



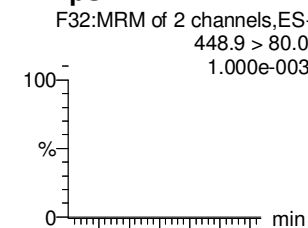
L-PFOA



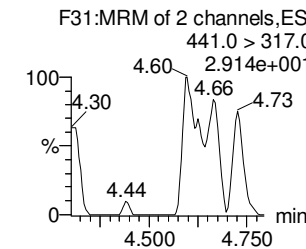
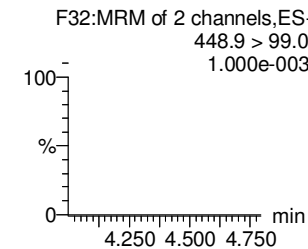
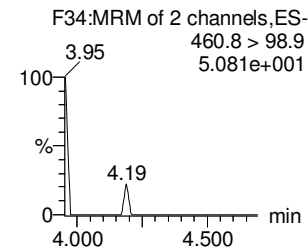
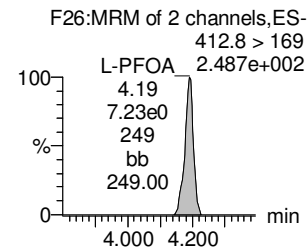
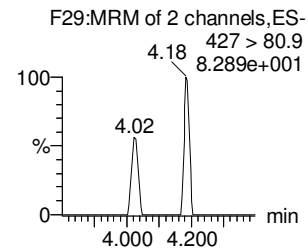
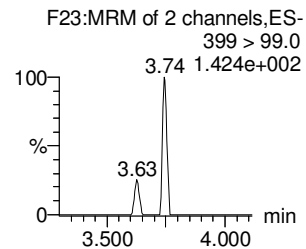
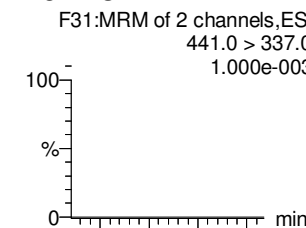
PFEChS



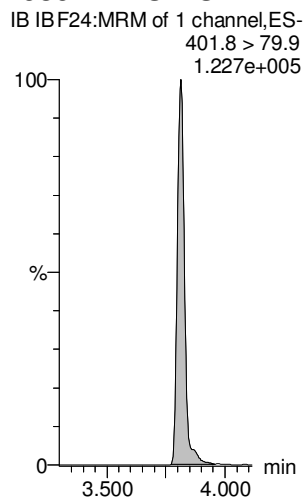
PFHpS



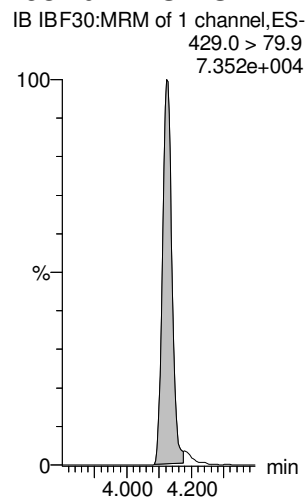
7:3 FTCA



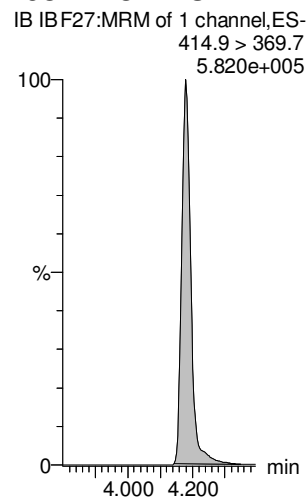
13C3-PFHxS-EIS



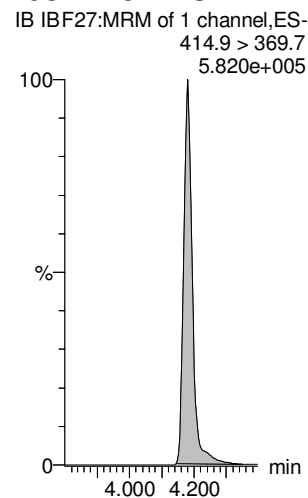
13C2-6:2 FTS-EIS



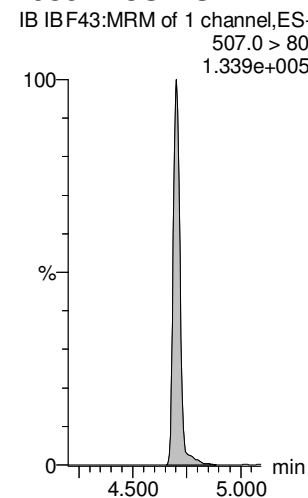
13C2-PFOA-EIS



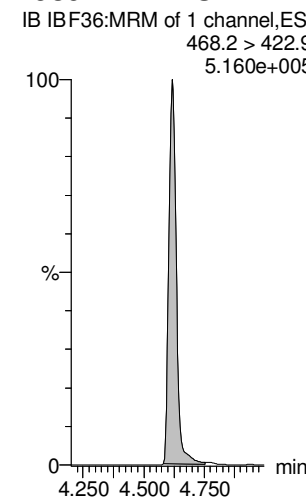
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



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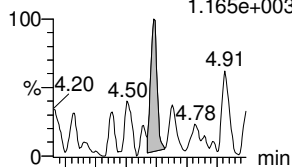
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Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

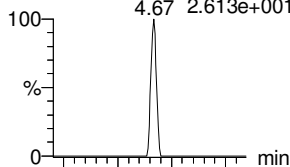
PFNA

F35:MRM of 2 channels,ES-
463.0 > 418.8
1.165e+003



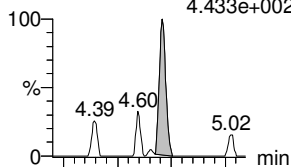
PFOSA

F38:MRM of 2 channels,ES-
498.0 > 78.0
2.613e+001



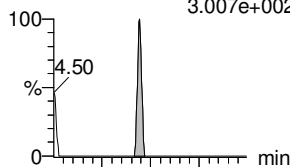
L-PFOS

F40:MRM of 2 channels,ES-
499 > 80
4.433e+002



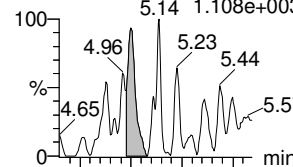
9CI-PF30NS

F52:MRM of 2 channels,ES-
531 > 351.0
3.007e+002



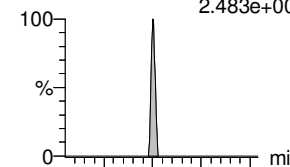
PFDA

F45:MRM of 2 channels,ES-
513 > 468.8
1.108e+003

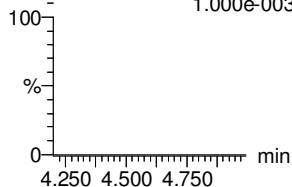


8:2 FTS

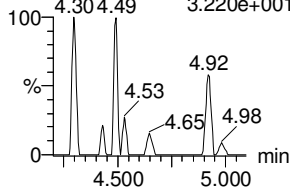
F50:MRM of 2 channels,ES-
526.9 > 507.0
2.483e+002



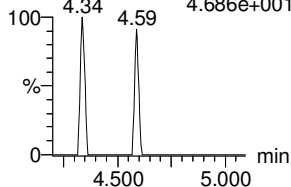
F35:MRM of 2 channels,ES-
463.0 > 219.0
1.000e-003



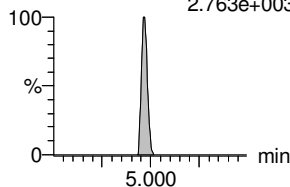
F38:MRM of 2 channels,ES-
498.0 > 169.0
3.220e+001



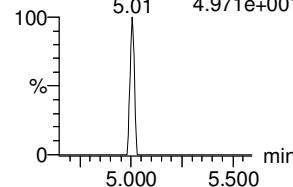
F40:MRM of 2 channels,ES-
499 > 99
4.686e+001



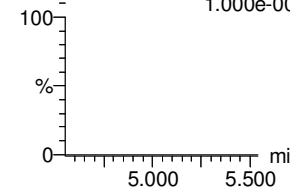
F52:MRM of 2 channels,ES-
531 > 83
2.763e+003



F45:MRM of 2 channels,ES-
513 > 219
4.971e+001

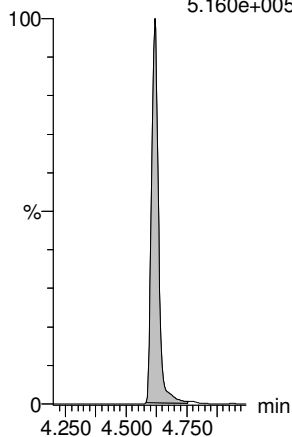


F50:MRM of 2 channels,ES-
526.9 > 80.9
1.000e-003



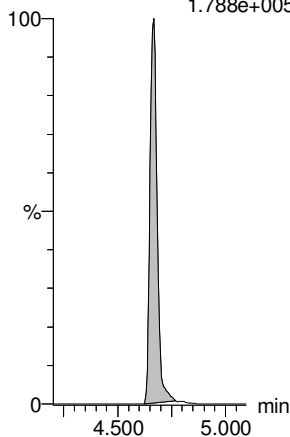
13C5-PFNA-EIS

IB IBF36:MRM of 1 channel,ES-
468.2 > 422.9
5.160e+005



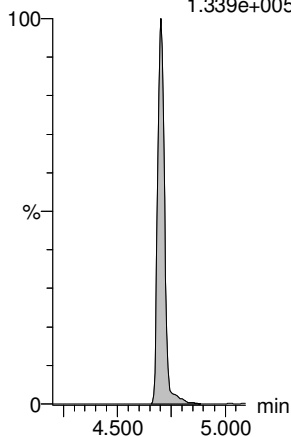
13C8-PFOSA-EIS

IB IBF42:MRM of 1 channel,ES-
506. > 78
1.788e+005



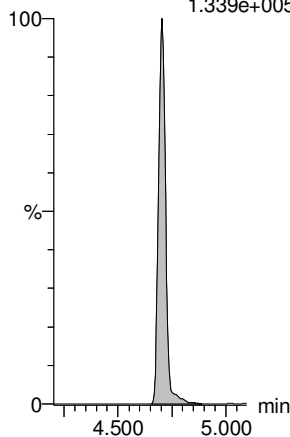
13C8-PFOS-EIS

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.339e+005



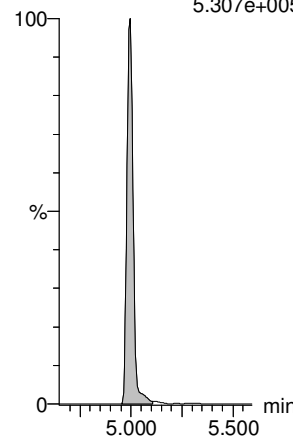
13C8-PFOS-EIS

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.339e+005



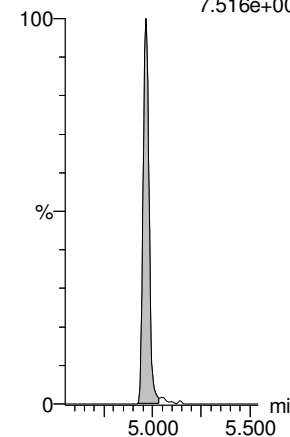
13C2-PFDA-EIS

IB IBF46:MRM of 1 channel,ES-
515.1 > 469.9
5.307e+005



13C2-8:2 FTS-EIS

IB IBF51:MRM of 1 channel,ES-
528.9 > 79.9
7.516e+004



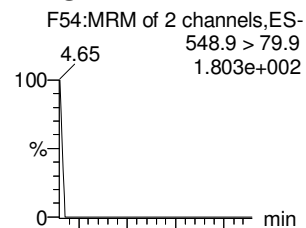
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Last Altered: Wednesday, July 15, 2020 11:16:54 Pacific Daylight Time

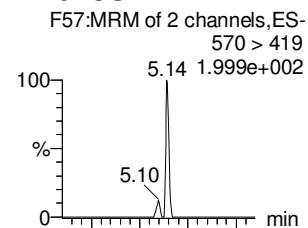
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Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

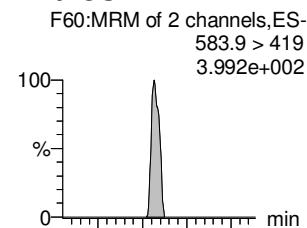
PFNS



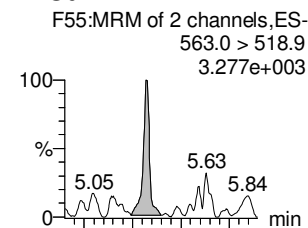
L-MeFOSAA



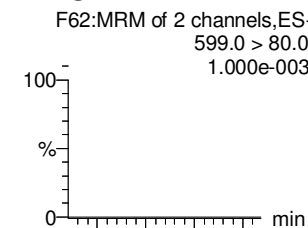
L-EtFOSAA



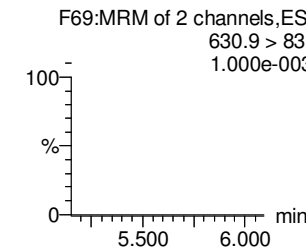
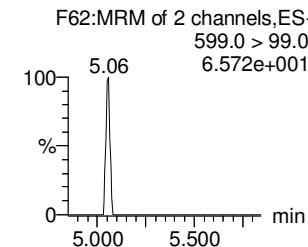
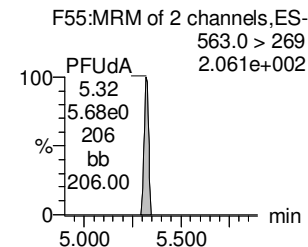
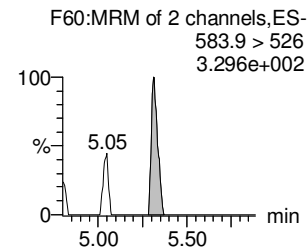
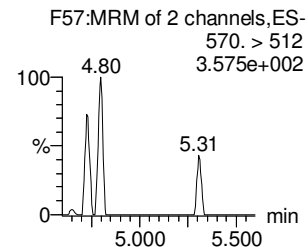
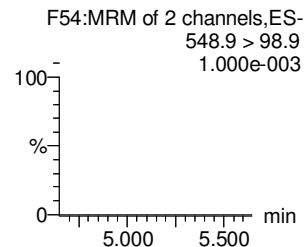
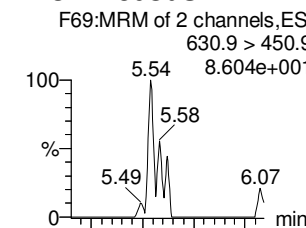
PFUdA



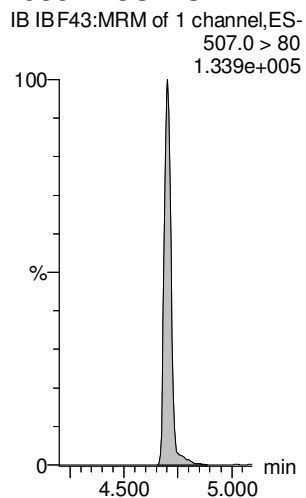
PFDS



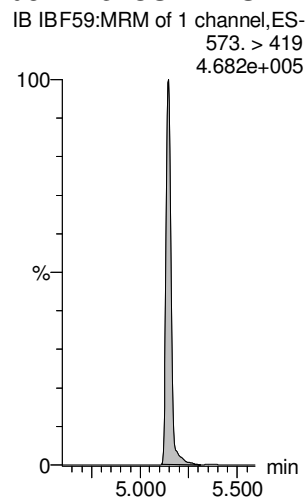
11Cl-PF30UdS



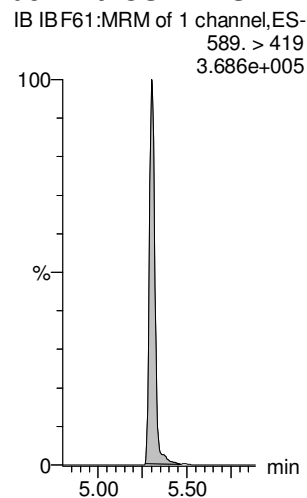
13C8-PFOS-EIS



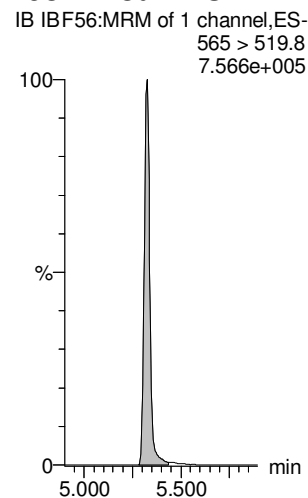
d3-N-MeFOSAA-EIS



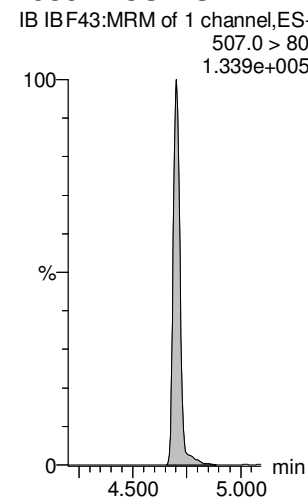
d5-N-EtFOSAA-EIS



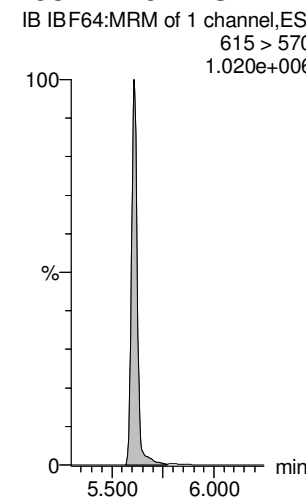
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



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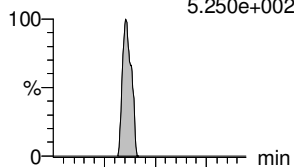
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Printed: Wednesday, July 15, 2020 11:16:58 Pacific Daylight Time

Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

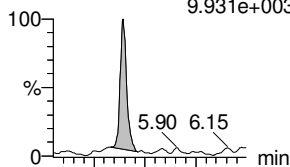
10:2 FTS

F67:MRM of 2 channels,ES-
626.9 > 607
5.250e+002



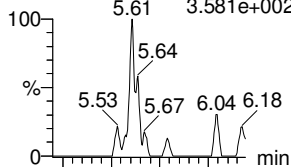
PFDaA

F63:MRM of 2 channels,ES-
612.9 > 569.0
9.931e+003



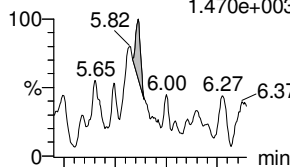
N-MeFOSA

F44:MRM of 2 channels,ES-
512.1 > 168.9
3.581e+002



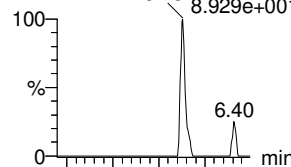
PFTrDA

F72:MRM of 2 channels,ES-
662.9 > 618.9
1.470e+003



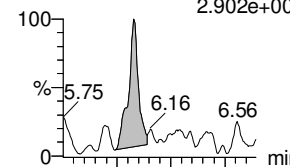
PFDoS

F73:MRM of 2 channels,ES-
698.9 > 80
8.929e+001

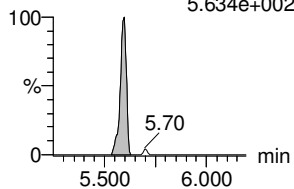


PFTeDA

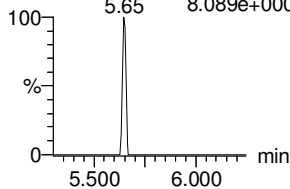
F74:MRM of 2 channels,ES-
713.0 > 669.0
2.902e+003



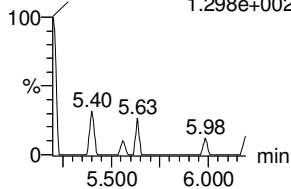
F67:MRM of 2 channels,ES-
626.9 > 81
5.634e+002



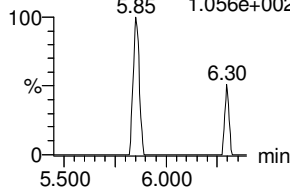
F63:MRM of 2 channels,ES-
612.9 > 318.8
8.089e+000



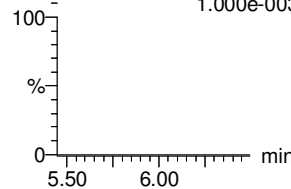
F44:MRM of 2 channels,ES-
512.1 > 219
1.298e+002



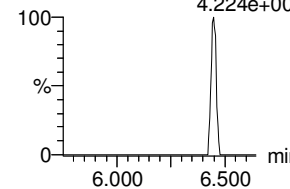
F72:MRM of 2 channels,ES-
662.9 > 319
1.056e+002



F73:MRM of 2 channels,ES-
698.9 > 99
1.000e-003

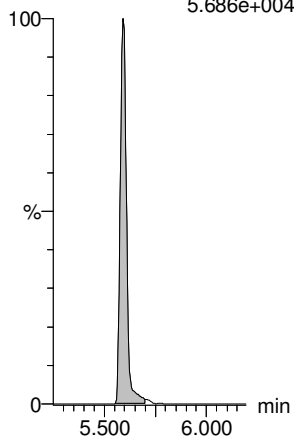


F74:MRM of 2 channels,ES-
713.0 > 369.0
4.224e+001



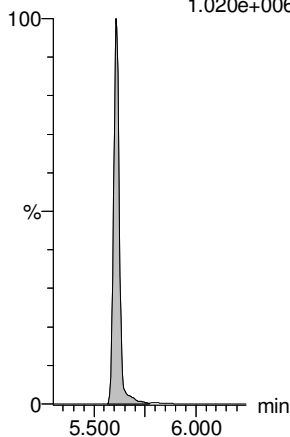
13C2-10:2 FTS-EIS

IB IBF70:MRM of 1 channel,ES-
633 > 79.9
5.686e+004



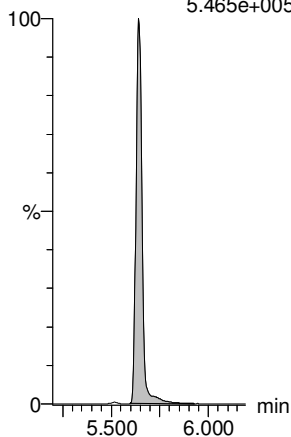
13C2-PFDaA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
1.020e+006



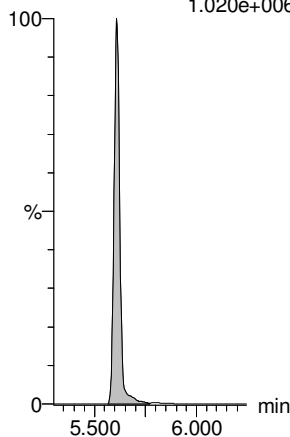
d3-N-MeFOSA-EIS

IB IBF47:MRM of 1 channel,ES-
515.2 > 168.9
5.465e+005



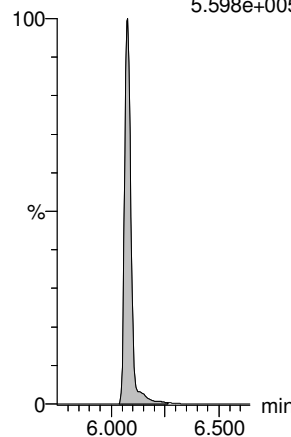
13C2-PFDaA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
1.020e+006



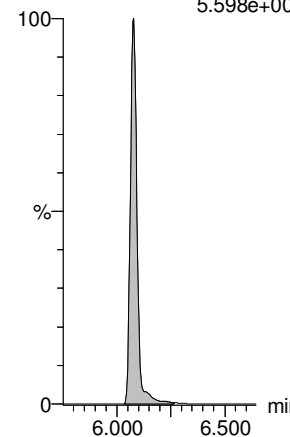
13C2-PFTeDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.598e+005



13C2-PFTeDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.598e+005



Dataset: Untitled

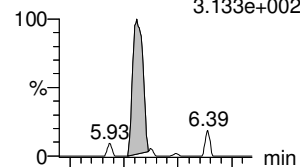
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Printed: Wednesday, July 15, 2020 11:16:58 Pacific Daylight Time

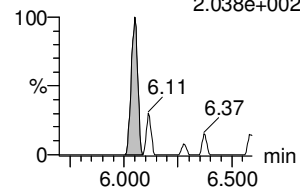
Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

N-EtFOSA

F49:MRM of 2 channels,ES-
526.1 > 168.9
3.133e+002

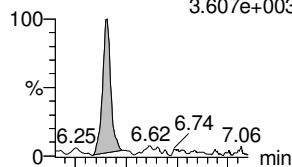


F49:MRM of 2 channels,ES-
526.1 > 219
2.038e+002

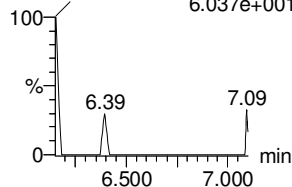


PFHxDA

F76:MRM of 2 channels,ES-
813.1 > 768.6
3.607e+003

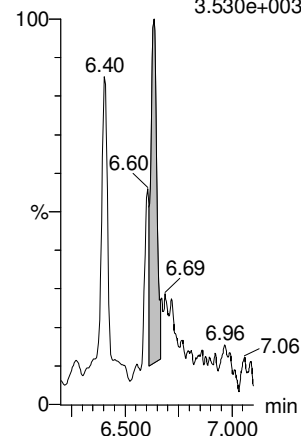


F76:MRM of 2 channels,ES-
813.1 > 219
6.037e+001



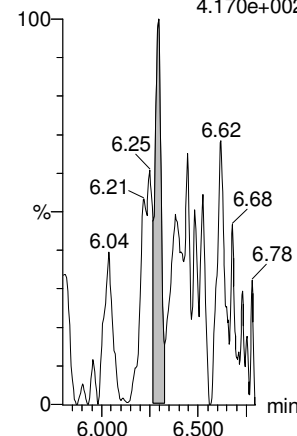
PFODA

IB IBF78:MRM of 1 channel,ES-
913 > 869
3.530e+003



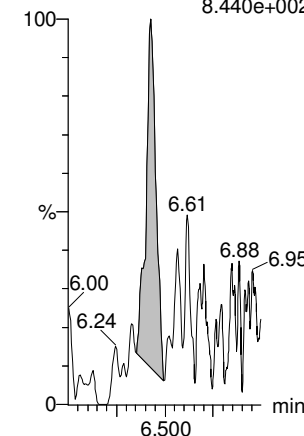
N-MeFOSE

IB IBF65:MRM of 1 channel,ES-
616.1 > 58.9
4.170e+002



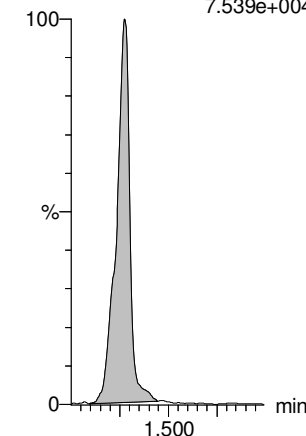
N-EtFOSE

IB IBF68:MRM of 1 channel,ES-
630.1 > 58.9
8.440e+002



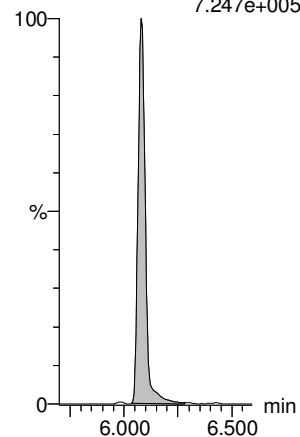
13C3-PFBA-RSD

IB IB F3:MRM of 1 channel,ES-
216.1 > 171.8
7.539e+004



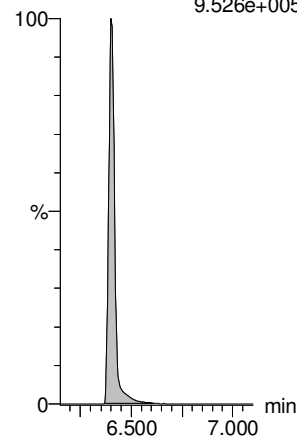
d5-N-ETFOSA-EIS

IB IBF53:MRM of 1 channel,ES-
531.1 > 168.9
7.247e+005



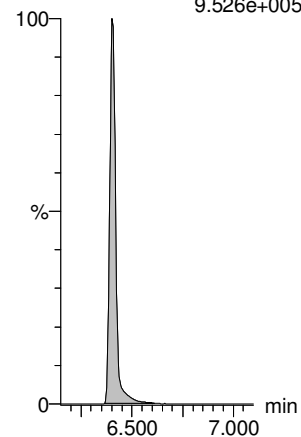
13C2-PFHxDA-EIS

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
9.526e+005



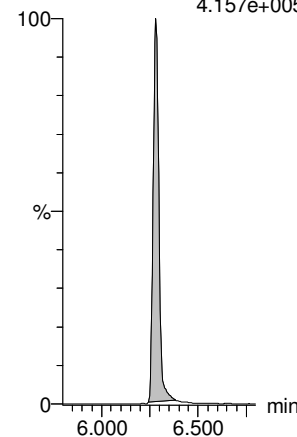
13C2-PFHxDA-EIS

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
9.526e+005



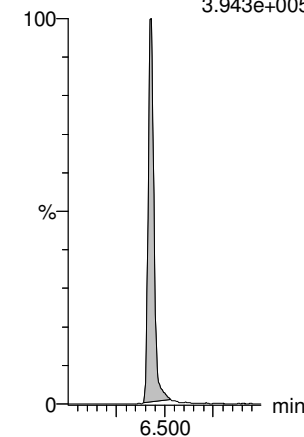
d7-N-MeFOSE-EIS

IB IBF66:MRM of 1 channel,ES-
623.1 > 58.9
4.157e+005



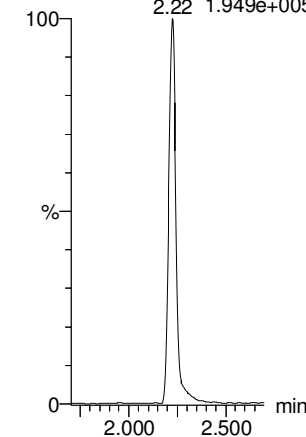
d9-N-EtFOSE-EIS

IB IBF71:MRM of 1 channel,ES-
639.2 > 58.8
3.943e+005



13C3-PFPeA-RSD

IB IB F8:MRM of 1 channel,ES-
266.0 > 221.8
1.949e+005



Dataset: Untitled

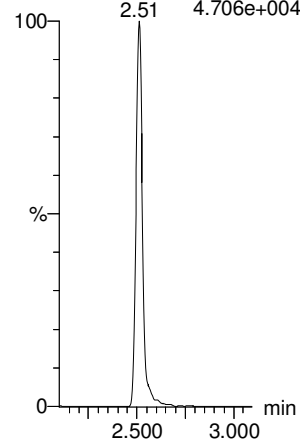
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Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

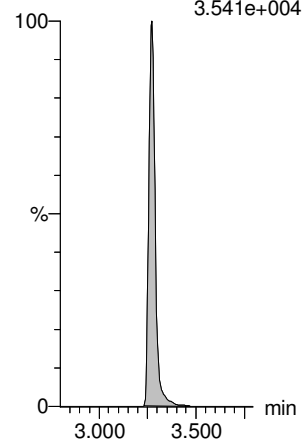
13C3-PFBS-RSD

IB IBF12:MRM of 1 channel,ES-
302.0 > 99
4.706e+004



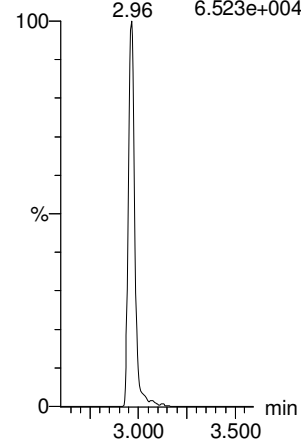
13C3-HFPO-DA-RSD

IB IBF10:MRM of 1 channel,ES-
287.0 > 168.9
3.541e+004



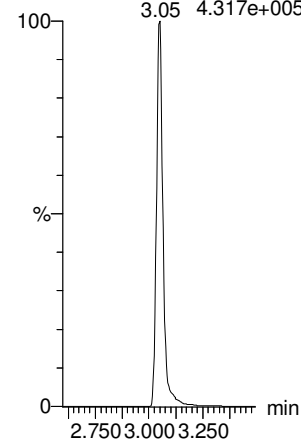
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.523e+004



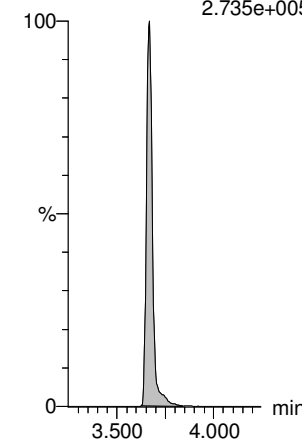
13C2-PFHxA-RSD

IB IBF14:MRM of 1 channel,ES-
315.0 > 270.0
4.317e+005



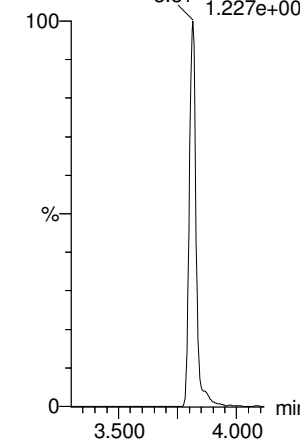
13C4-PFHpA-RSD

IB IBF21:MRM of 1 channel,ES-
367.2 > 321.8
2.735e+005



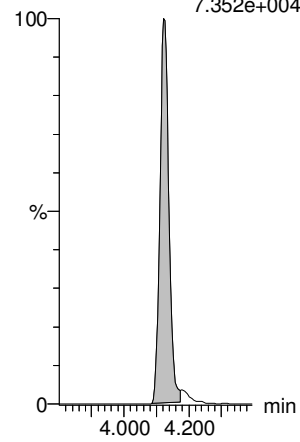
13C3-PFHxS-RSD

IB IBF24:MRM of 1 channel,ES-
401.8 > 79.9
1.227e+005



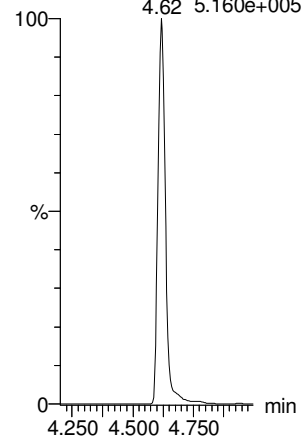
13C2-6:2 FTS-RSD

IB IBF30:MRM of 1 channel,ES-
429.0 > 79.9
7.352e+004



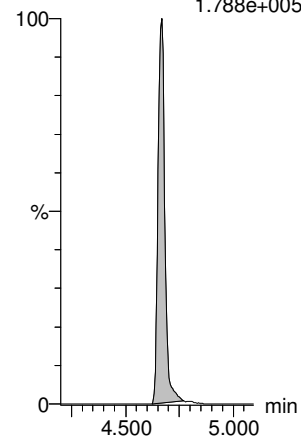
13C5-PFNA-RSD

IB IBF36:MRM of 1 channel,ES-
468.2 > 422.9
5.160e+005



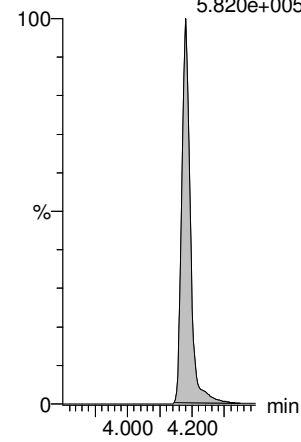
13C8-PFOA-RSD

IB IBF42:MRM of 1 channel,ES-
506. > 78
1.788e+005



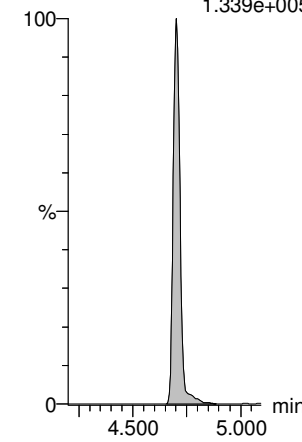
13C2-PFOA-RSD

IB IBF27:MRM of 1 channel,ES-
414.9 > 369.7
5.820e+005



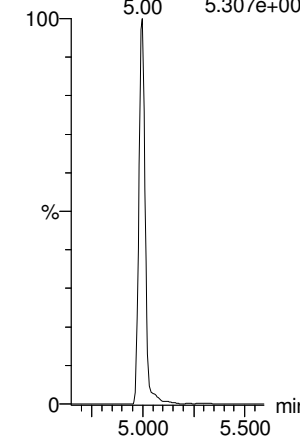
13C8-PFOS-RSD

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.339e+005



13C2-PFDA-RSD

IB IBF46:MRM of 1 channel,ES-
515.1 > 469.9
5.307e+005



Dataset: Untitled

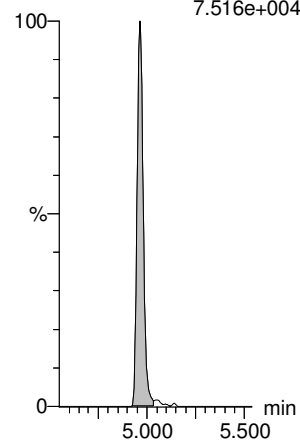
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Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

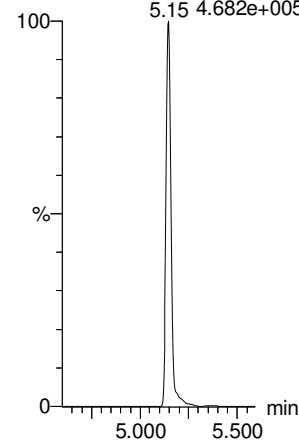
13C2-8:2 FTS-RSD

IB IBF51:MRM of 1 channel,ES-
528.9 > 79.9
7.516e+004



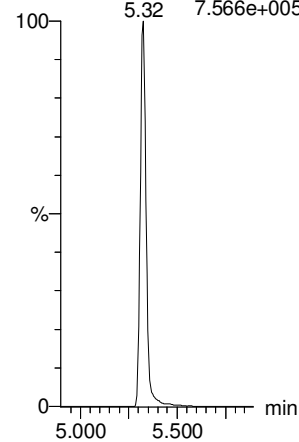
d3-N-MeFOSAA-RSD

IB IBF59:MRM of 1 channel,ES-
573. > 419
4.682e+005



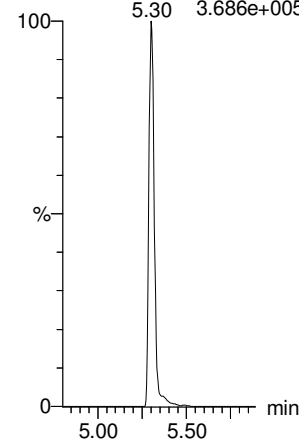
13C2-PFUdA-RSD

IB IBF56:MRM of 1 channel,ES-
565 > 519.8
7.566e+005



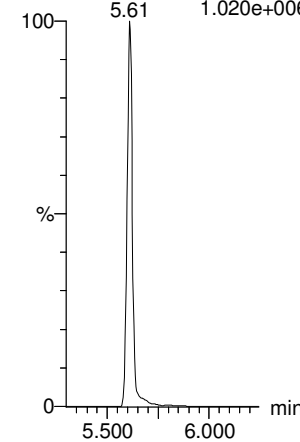
d5-N-EtFOSAA-RSD

IB IBF61:MRM of 1 channel,ES-
589. > 419
3.686e+005



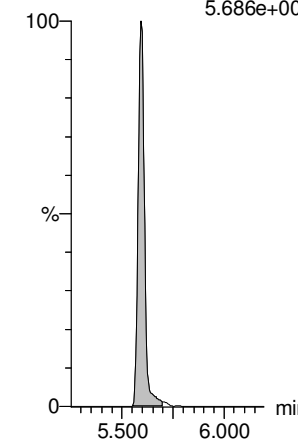
13C2-PFDoA-RSD

IB IBF64:MRM of 1 channel,ES-
615 > 570
1.020e+006



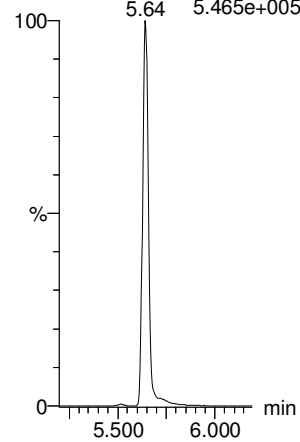
13C2-10:2 FTS-RSD

IB IBF70:MRM of 1 channel,ES-
633 > 79.9
5.686e+004



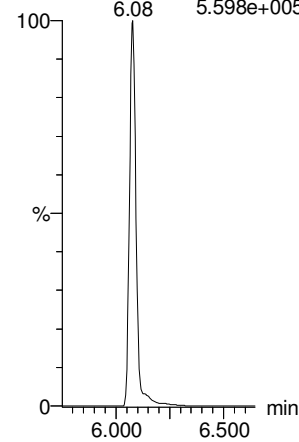
d3-N-MeFOSA-RSD

IB IBF47:MRM of 1 channel,ES-
515.2 > 168.9
5.465e+005



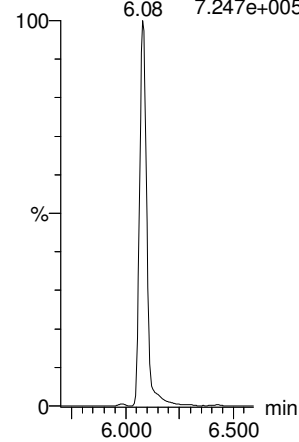
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.598e+005



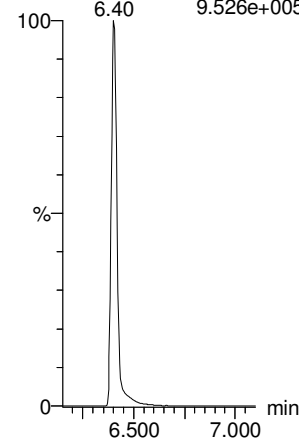
d5-N-ETFOSA-RSD

IB IBF53:MRM of 1 channel,ES-
531.1 > 168.9
7.247e+005



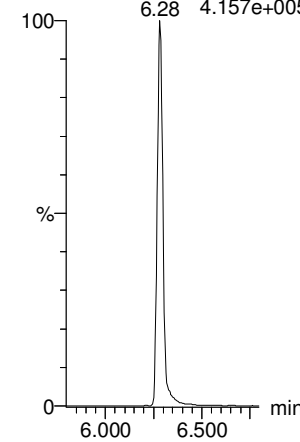
13C2-PFHxDA-RSD

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
9.526e+005



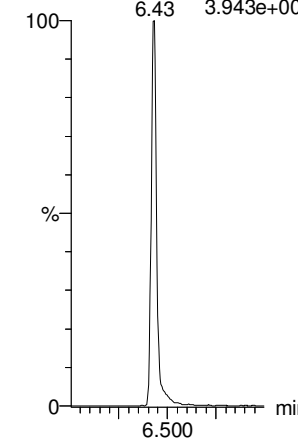
d7-N-MeFOSE-RSD

IB IBF66:MRM of 1 channel,ES-
623.1 > 58.9
4.157e+005



d9-N-EtFOSE-RSD

IB IBF71:MRM of 1 channel,ES-
639.2 > 58.8
3.943e+005



Dataset: Untitled

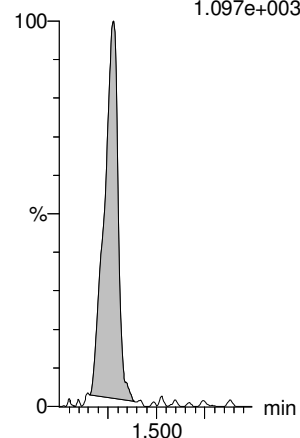
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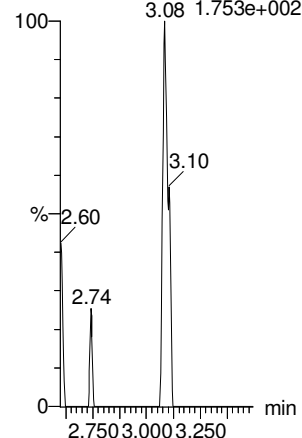
13C4-PFBA

IB IB F4:MRM of 1 channel,ES-
217.0 > 172.0
1.097e+003



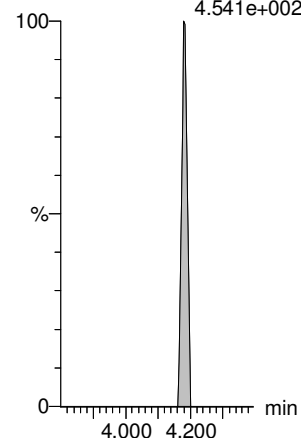
13C5-PFHxA

IB IB F15:MRM of 1 channel,ES-
318.0 > 272.9
1.753e+002



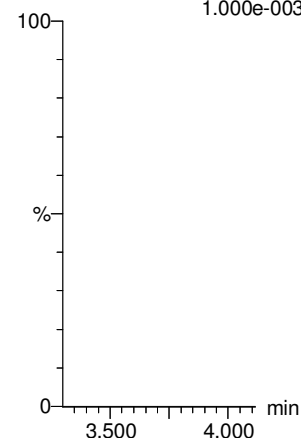
13C8-PFOA

IB IB F28:MRM of 1 channel,ES-
420.9 > 376.0
4.541e+002



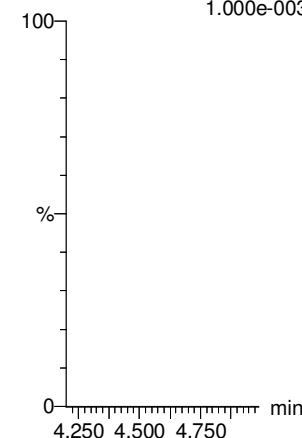
18O2-PFHxS

IB IB F25:MRM of 1 channel,ES-
-
403.0 > 103.0
1.000e-003



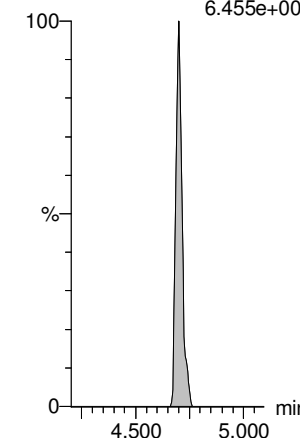
13C9-PFNA

IB IB F37:MRM of 1 channel,ES-
-
472.2 > 426.9
1.000e-003



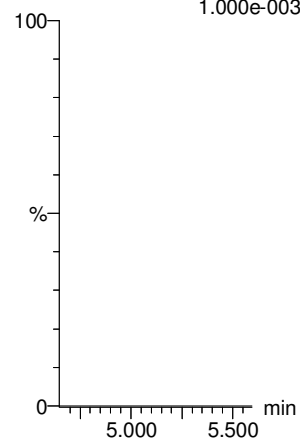
13C4-PFOS

IB IB F41:MRM of 1 channel,ES-
503 > 80.0
6.455e+002



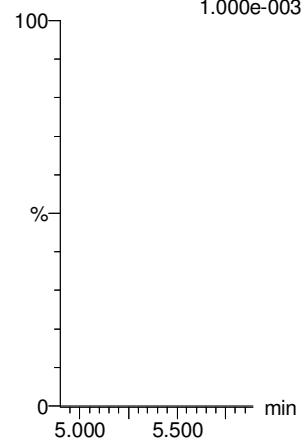
13C6-PFDA

IB IB F48:MRM of 1 channel,ES-
-
519.1 > 473.7
1.000e-003



13C7-PFUdA

IB IB F58:MRM of 1 channel,ES-
-
570.1 > 524.8
1.000e-003



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Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	5.794	5950.318	1.00	1.63	0.012		0.0435		NO		
2	2 PFPrS	248.9 > 79.9		1765.250	1.00						NO		
3	3 3:3 FTCA	241.1 > 177.0		7917.305	1.00						NO		
4	4 PFPeA	263.1 > 218.9	7.672	7917.305	1.00	2.05	0.012		0.00257		NO		
5	5 PFBS	299.0 > 79.7		1765.250	1.00						NO		
6	6 4:2 FTS	327.0 > 306.9	5.314	2448.580	1.00	3.00	0.027		0.0954		NO	0.273	YES
7	47 13C3-PFBA-EIS	216.1 > 171.8	5950.318		1.00	1.28	5950.318	12.500	13.4	107.1	NO		
8	51 13C3-PFBS-EIS	302.0 > 99	1765.250		1.00	2.51	1765.250	12.500	13.9	111.0	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8	7917.305		1.00	2.22	7917.305	12.500	13.3	106.3	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8	7917.305		1.00	2.22	7917.305	12.500	13.3	106.3	NO		
11	51 13C3-PFBS-EIS	302.0 > 99	1765.250		1.00	2.51	1765.250	12.500	13.9	111.0	NO		
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9	2448.580		1.00	2.96	2448.580	12.500	11.4	91.4	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0	103.121	14306.351	1.00	3.01	0.090				NO		
15	8 PFPeS	349.0 > 80.0		1765.250	1.00						NO		
16	9 HFPO-DA	285.1 > 168.9		1297.422	1.00						NO		
17	10 5:3 FTCA	340.9 > 236.9		9400.164	1.00						NO		
18	11 PFHpA	363.0 > 318.9	42.176	9400.164	1.00	3.82	0.056		0.0112		NO		
19	12 ADONA	376.8 > 250.9		9400.164	1.00						NO		
20	57 13C2-PFHxA-EIS	315.0 > 270.0	14306.351		1.00	3.05	14306.351	12.500	12.4	99.2	NO		
21	51 13C3-PFBS-EIS	302.0 > 99	1765.250		1.00	2.51	1765.250	12.500	13.9	111.0	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	1297.422		1.00	3.27	1297.422	12.500	12.8	102.7	NO		
23	59 13C4-PFHpA-EIS	367.2 > 321.8	9400.164		1.00	3.67	9400.164	12.500	13.7	109.5	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8	9400.164		1.00	3.67	9400.164	12.500	13.7	109.5	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8	9400.164		1.00	3.67	9400.164	12.500	13.7	109.5	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0		4169.069	1.00						NO		
28	15 6:2 FTS	427 > 407.0		2393.729	1.00						NO		
29	16 L-PFOA	412.8 > 368.9	55.877	18489.316	1.00	4.17	0.038				NO	7.730	YES
30	18 PFecHS	460.8 > 381.0		18489.316	1.00						NO		
31	19 PFHpS	448.9 > 80.0		4986.125	1.00						NO		
32	20 7:3 FTCA	441.0 > 337.0		18038.891	1.00						NO		
33	61 13C3-PFHxS-EIS	401.8 > 79.9	4169.069		1.00	3.81	4169.069	12.500	13.1	104.5	NO		
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9	2393.729		1.00	4.12	2393.729	12.500	12.6	100.8	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7	18489.316		1.00	4.18	18489.316	12.500	13.3	106.1	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7	18489.316		1.00	4.18	18489.316	12.500	13.3	106.1	NO		

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Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	4986.125		1.00	4.70	4986.125	12.500	13.8	110.5	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	18038.891		1.00	4.62	18038.891	12.500	12.7	101.8	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	36.039	18038.891	1.00	4.61	0.025		0.00445		NO		
41	22 PFOSA	498.0 > 78.0		6678.667	1.00						NO		
42	23 L-PFOS	499 > 80	14.949	4986.125	1.00	4.71	0.037		0.0409		NO		
43	25 9CI-PF30NS	531 > 351.0	8.008	4986.125	1.00	4.94	0.020				NO	0.083	YES
44	26 PFDA	513 > 468.8	45.941	18495.654	1.00	5.00	0.031				NO		
45	27 8:2 FTS	526.9 > 507.0	6.147	2639.643	1.00	5.00	0.029		0.0701		NO		
46	65 13C5-PFNA-EIS	468.2 > 422.9	18038.891		1.00	4.62	18038.891	12.500	12.7	101.8	NO		
47	67 13C8-PFOSA-EIS	506. > 78	6678.667		1.00	4.67	6678.667	12.500	12.8	102.5	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	4986.125		1.00	4.70	4986.125	12.500	13.8	110.5	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	4986.125		1.00	4.70	4986.125	12.500	13.8	110.5	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	18495.654		1.00	5.00	18495.654	12.500	13.7	109.6	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2639.643		1.00	4.96	2639.643	12.500	14.1	112.8	NO		
52	-1												
53	28 PFNS	548.9 > 79.9		4986.125	1.00						NO		
54	29 L-MeFOSAA	570 > 419		13878.084	1.00						NO		
55	31 L-EtFOSAA	583.9 > 419	20.498	12899.690	1.00	5.32	0.020		0.109		NO	1.548	NO
56	33 PFUdA	563.0 > 518.9	124.049	26328.637	1.00	5.32	0.059		0.0531		NO	21.847	YES
57	34 PFDS	599.0 > 80.0		4986.125	1.00						NO		
58	35 11CI-PF30UdS	630.9 > 450.9		32547.236	1.00						NO		
59	73 13C8-PFOS-EIS	507.0 > 80	4986.125		1.00	4.70	4986.125	12.500	13.8	110.5	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	13878.084		1.00	5.15	13878.084	12.500	13.5	108.4	NO		
61	83 d5-N-EtFOSAA-EIS	589. > 419	12899.690		1.00	5.30	12899.690	12.500	13.4	107.0	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	26328.637		1.00	5.32	26328.637	12.500	13.2	105.6	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	4986.125		1.00	4.70	4986.125	12.500	13.8	110.5	NO		
64	85 13C2-PFDoA-EIS	615 > 570	32547.236		1.00	5.61	32547.236	12.500	14.7	117.7	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	25.877	1959.913	1.00	5.61	0.165		0.0674		NO	1.350	NO
67	37 PFDoA	612.9 > 569.0	340.449	32547.236	1.00	5.64	0.131		0.00728		NO		
68	38 N-MeFOSA	512.1 > 168.9		19163.627	1.00						NO		
69	39 PFTTrDA	662.9 > 618.9	17.726	32547.236	1.00	5.86	0.007				NO		
70	40 PFDoS	698.9 > 80		20007.096	1.00						NO		
71	41 PFTeDA	713.0 > 669.0	142.886	20007.096	1.00	6.08	0.089		0.105		NO		
72	87 13C2-10:2 FTS-EIS	633 > 79.9	1959.913		1.00	5.59	1959.913	12.500	13.0	103.7	NO		

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Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFDoA-EIS	615 > 570	32547.236		1.00	5.61	32547.236	12.500	14.7	117.7	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	19163.627		1.00	5.64	19163.627	149.200	137	91.9	NO		
75	85 13C2-PFDoA-EIS	615 > 570	32547.236		1.00	5.61	32547.236	12.500	14.7	117.7	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	20007.096		1.00	6.08	20007.096	12.500	13.0	104.2	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	20007.096		1.00	6.08	20007.096	12.500	13.0	104.2	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	16.821	27612.697	1.00	6.06	0.091	0.0463			NO	2.383	YES
80	43 PFHxDA	813.1 > 768.6	161.239	31412.145	1.00	6.41	0.064				NO		
81	44 PFOA	913 > 869	99.039	31412.145	1.00	6.63	0.039	0.0132			NO		
82	45 N-MeFOSE	616.1 > 58.9	15.149	13675.430	1.00	6.30	0.165	0.258			NO		
83	46 N-EtFOSE	630.1 > 58.9	44.107	13082.985	1.00	6.43	0.503	0.397			NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	5956.590	85.362	1.00	1.28	872.254	12.500	1250	10004.1	YES		
85	93 d5-N-ETFOSE-EIS	531.1 > 168.9	27612.697		1.00	6.08	27612.697	149.200	148	99.4	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	31412.145		1.00	6.40	31412.145	12.500	13.8	110.7	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	31412.145		1.00	6.40	31412.145	12.500	13.8	110.7	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	13675.430		1.00	6.28	13675.430	149.200	143	95.6	NO		
89	99 d9-N-EtFOSE-EIS	639.2 > 58.8	13082.985		1.00	6.43	13082.985	149.200	134	89.8	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99			1.00			12.500			NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	1297.422		1.00	3.27		12.500			NO		
94	56 13C2-4:2 FTS-RSD	329.0 > 79.9			1.00			12.500			NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	9400.164		1.00	3.67		12.500			NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9			1.00			12.500			NO		
98	64 13C2-6:2 FTS-RSD	429.0 > 79.9	2393.729	21.043	1.00	4.12	1421.927	12.500	2620	20958.9	YES		
99	66 13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68 13C8-PFOA-RSD	506. > 78	6678.667		1.00	4.67		12.500			NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	18489.316	8.964	1.00	4.18	25782.737	12.500	37700	30185...	YES		
102	74 13C8-PFOS-RSD	507.0 > 80	4986.125	21.043	1.00	4.70	2961.867	12.500	2950	23633.3	YES		
103	76 13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1												
105	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2639.643	21.043	1.00	4.96	1568.005	12.500	2680	21401.6	YES		
106	80 d3-N-MeFOSAA-RSD	573. > 419			1.00			12.500			NO		
107	82 13C2-PFUdA-RSD	565 > 519.8			1.00			12.500			NO		
108	84 d5-N-EtFOSAA-RSD	589. > 419			1.00			12.500			NO		

Dataset: Untitled

Last Altered: Wednesday, July 15, 2020 11:16:54 Pacific Daylight Time

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Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86 13C2-PFDoA-RSD	615 > 570			1.00			12.500					
110	88 13C2-10:2 FTS-RSD	633 > 79.9	1959.913	21.043	1.00	5.59	1164.231	12.500	2700	21604.9	YES		
111	90 d3-N-MeFOSA-RSD	515.2 > 168.9			1.00			149.200			NO		
112	92 13C2-PFTeDA-RSD	715.1 > 669.7			1.00			12.500			NO		
113	94 d5-N-ETFOSA-RSD	531.1 > 168.9			1.00			149.200			NO		
114	96 13C2-PFHxDA-RSD	815 > 769.7			1.00			12.500			NO		
115	98 d7-N-MeFOSE-RSD	623.1 > 58.9			1.00			149.200			NO		
116	1... d9-N-EtFOSE-RSD	639.2 > 58.8			1.00			149.200			NO		
117	-1												
118	1... 13C4-PFBA	217.0 > 172.0	85.362	85.362	1.00	1.28	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1... 13C8-PFOA	420.9 > 376.0	8.964	8.964	1.00	4.18	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0			1.00			12.500			NO		
122	1... 13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
123	1... 13C4-PFOS	503 > 80.0	21.043	21.043	1.00	4.70	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1... 13C7-PFUdA	570.1 > 524.8			1.00			12.500			NO		

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John 7/15/2020

Name: 200714M1_63, Date: 15-Jul-2020, Time: 01:53:45, ID: ST200714M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	414.593	4594.845	1.00	1.28	1.128	1.000	0.830	83.0	NO		
2	2 PFPoS	248.9 > 79.9	218.257	1540.366	1.00	1.61	1.771	1.000	1.09	108.5	NO	2.584	NO
3	3 3:3 FTCA	241.1 > 177.0	35.979	7792.769	1.00	2.09	0.058	1.000	0.929	92.9	NO	1.709	NO
4	4 PFPeA	263.1 > 218.9	608.035	7792.769	1.00	2.23	0.975	1.000	1.04	103.7	NO		
5	5 PFBS	299.0 > 79.7	250.980	1540.366	1.00	2.52	2.037	1.000	1.04	104.5	NO	3.321	NO
6	6 4:2 FTS	327.0 > 306.9	578.691	2789.419	1.00	2.97	2.593	1.000	1.01	101.3	NO	1.811	NO
7	47 13C3-PFBA-EIS	216.1 > 171.8	4594.845		1.00	1.28	4594.845	12.500	10.3	82.7	NO		
8	51 13C3-PFBS-EIS	302.0 > 99	1540.366		1.00	2.51	1540.366	12.500	12.1	96.8	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8	7792.769		1.00	2.23	7792.769	12.500	13.1	104.6	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8	7792.769		1.00	2.23	7792.769	12.500	13.1	104.6	NO		
11	51 13C3-PFBS-EIS	302.0 > 99	1540.366		1.00	2.51	1540.366	12.500	12.1	96.8	NO		
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9	2789.419		1.00	2.96	2789.419	12.500	13.0	104.1	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0	1182.717	14473.272	1.00	3.05	1.021	1.000	0.903	90.3	NO	17.118	NO
15	8 PFPeS	349.0 > 80.0	294.635	1540.366	1.00	3.26	2.391	1.000	1.02	101.8	NO	1.729	NO
16	9 HFPO-DA	285.1 > 168.9	81.581	1109.112	1.00	3.28	0.919	1.000	1.04	104.1	NO	2.169	NO
17	10 5:3 FTCA	340.9 > 236.9	193.681	8179.194	1.00	3.61	0.296	1.000	0.895	89.5	NO	1.414	NO
18	11 PFHpA	363.0 > 318.9	851.628	8179.194	1.00	3.67	1.302	1.000	0.994	99.4	NO	13.592	NO
19	12 ADONA	376.8 > 250.9	3055.184	8179.194	1.00	3.78	4.669	1.000	1.02	101.6	NO	3.683	NO
20	57 13C2-PFHxA-EIS	315.0 > 270.0	14473.272		1.00	3.05	14473.272	12.500	12.5	100.3	NO		
21	51 13C3-PFBS-EIS	302.0 > 99	1540.366		1.00	2.51	1540.366	12.500	12.1	96.8	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	1109.112		1.00	3.27	1109.112	12.500	11.0	87.8	NO		
23	59 13C4-PFHpA-EIS	367.2 > 321.8	8179.194		1.00	3.67	8179.194	12.500	11.9	95.3	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8	8179.194		1.00	3.67	8179.194	12.500	11.9	95.3	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8	8179.194		1.00	3.67	8179.194	12.500	11.9	95.3	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0	323.937	3745.220	1.00	3.81	1.081	1.000	0.966	96.6	NO	1.672	NO
28	15 6:2 FTS	427 > 407.0	556.817	2140.728	1.00	4.13	3.251	1.000	1.02	102.0	NO	2.625	NO
29	16 L-PFOA	412.8 > 368.9	2099.382	17097.223	1.00	4.18	1.535	1.000	0.997	99.7	NO	3.892	NO
30	18 PFecHS	460.8 > 381.0	581.843	17097.223	1.00	4.20	0.425	1.000	1.05	104.9	NO	1.105	NO
31	19 PFHpS	448.9 > 80.0	313.241	4012.450	1.00	4.29	0.976	1.000	0.993	99.3	NO	2.452	NO
32	20 7:3 FTCA	441.0 > 337.0	395.192	16133.357	1.00	4.60	0.306	1.000	1.00	100.3	NO	1.326	NO
33	61 13C3-PFHxS-EIS	401.8 > 79.9	3745.220		1.00	3.81	3745.220	12.500	11.7	93.8	NO		
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9	2140.728		1.00	4.13	2140.728	12.500	11.3	90.2	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7	17097.223		1.00	4.18	17097.223	12.500	12.3	98.1	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7	17097.223		1.00	4.18	17097.223	12.500	12.3	98.1	NO		

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Name: 200714M1_63, Date: 15-Jul-2020, Time: 01:53:45, ID: ST200714M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	4012.450		1.00	4.70	4012.450	12.500	11.1	88.9	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	16133.357		1.00	4.62	16133.357	12.500	11.4	91.0	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	1672.545	16133.357	1.00	4.62	1.296	1.000	1.09	109.1	NO	4.833	NO
41	22 PFOSA	498.0 > 78.0	462.521	6131.429	1.00	4.67	0.943	1.000	0.986	98.6	NO	19.196	NO
42	23 L-PFOS	499 > 80	373.893	4012.450	1.00	4.70	1.165	1.000	1.16	115.9	NO	2.575	NO
43	25 9CI-PF30NS	531 > 351.0	1228.828	4012.450	1.00	4.92	3.828	1.000	1.05	105.3	NO	7.863	YES
44	26 PFDA	513 > 468.8	1925.957	16100.463	1.00	5.00	1.495	1.000	1.01	101.2	NO	7.660	NO
45	27 8:2 FTS	526.9 > 507.0	448.133	2518.881	1.00	4.97	2.224	1.000	0.937	93.7	NO	1.911	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	16133.357		1.00	4.62	16133.357	12.500	11.4	91.0	NO		
47	67 13C8-PFOSA-EIS	506. > 78	6131.429		1.00	4.67	6131.429	12.500	11.8	94.1	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	4012.450		1.00	4.70	4012.450	12.500	11.1	88.9	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	4012.450		1.00	4.70	4012.450	12.500	11.1	88.9	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	16100.463		1.00	5.00	16100.463	12.500	11.9	95.4	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2518.881		1.00	4.97	2518.881	12.500	13.5	107.7	NO		
52	-1												
53	28 PFNS	548.9 > 79.9	321.197	4012.450	1.00	5.06	1.001	1.000	0.980	98.0	NO	1.549	NO
54	29 L-MeFOSAA	570 > 419	865.684	11685.704	1.00	5.15	0.926	1.000	1.05	105.2	NO	2.672	NO
55	31 L-EtFOSAA	583.9 > 419	841.600	11308.000	1.00	5.31	0.930	1.000	1.10	110.2	NO	1.405	NO
56	33 PFUdA	563.0 > 518.9	1655.445	23152.455	1.00	5.32	0.894	1.000	0.958	95.8	NO	12.968	NO
57	34 PFDS	599.0 > 80.0	227.409	4012.450	1.00	5.37	0.708	1.000	0.850	85.0	NO	2.192	YES
58	35 11CI-PF30UdS	630.9 > 450.9	1325.824	28176.305	1.00	5.54	0.588	1.000	1.09	109.4	NO	27.708	NO
59	73 13C8-PFOS-EIS	507.0 > 80	4012.450		1.00	4.70	4012.450	12.500	11.1	88.9	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	11685.704		1.00	5.14	11685.704	12.500	11.4	91.3	NO		
61	83 d5-N-EtFOSAA-EIS	589. > 419	11308.000		1.00	5.31	11308.000	12.500	11.7	93.8	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	23152.455		1.00	5.32	23152.455	12.500	11.6	92.9	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	4012.450		1.00	4.70	4012.450	12.500	11.1	88.9	NO		
64	85 13C2-PFDoA-EIS	615 > 570	28176.305		1.00	5.61	28176.305	12.500	12.7	101.9	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	466.893	1702.374	1.00	5.60	3.428	1.000	1.06	106.3	NO	1.630	NO
67	37 PFDoA	612.9 > 569.0	2540.530	28176.305	1.00	5.61	1.127	1.000	1.02	101.9	NO	9.844	NO
68	38 N-MeFOSA	512.1 > 168.9	653.640	20196.221	1.00	5.61	4.829	5.000	4.68	93.7	NO	1.366	NO
69	39 PFTTrDA	662.9 > 618.9	1871.759	28176.305	1.00	5.86	0.830	1.000	0.891	89.1	NO	7.839	NO
70	40 PFDoS	698.9 > 80	382.506	18680.703	1.00	5.88	0.256	1.000	0.981	98.1	NO	1.902	NO
71	41 PFTeDA	713.0 > 669.0	2313.375	18680.703	1.00	6.07	1.548	1.000	1.03	102.9	NO	17.727	NO
72	87 13C2-10:2 FTS-EIS	633 > 79.9	1702.374		1.00	5.59	1702.374	12.500	11.3	90.1	NO		

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Name: 200714M1_63, Date: 15-Jul-2020, Time: 01:53:45, ID: ST200714M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFDoA-EIS	615 > 570	28176.305		1.00	5.61	28176.305	12.500	12.7	101.9	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	20196.221		1.00	5.64	20196.221	149.200	144	96.8	NO		
75	85 13C2-PFDoA-EIS	615 > 570	28176.305		1.00	5.61	28176.305	12.500	12.7	101.9	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	18680.703		1.00	6.07	18680.703	12.500	12.2	97.3	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	18680.703		1.00	6.07	18680.703	12.500	12.2	97.3	NO		
78	-1												
79	42 N-EiFOSA	526.1 > 168.9	877.378	28836.754	1.00	6.07	4.540	5.000	5.24	104.7	NO	1.566	NO
80	43 PFHxDA	813.1 > 768.6	1505.492	28351.014	1.00	6.40	0.664	1.000	0.988	98.8	NO	30.510	NO
81	44 PFODA	913 > 869	2464.913	28351.014	1.00	6.63	1.087	1.000	1.07	106.8	NO		
82	45 N-MeFOSE	616.1 > 58.9	442.378	13869.120	1.00	6.29	4.759	5.000	4.72	94.5	NO		
83	46 N-EiFOSE	630.1 > 58.9	540.308	13702.650	1.00	6.44	5.883	5.000	5.43	108.5	NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	4594.845	6639.254	1.00	1.28	8.651	12.500	12.4	99.2	NO		
85	93 d5-N-ETFOSA-EIS	531.1 > 168.9	28836.754		1.00	6.08	28836.754	149.200	155	103.8	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	28351.014		1.00	6.40	28351.014	12.500	12.5	99.9	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	28351.014		1.00	6.40	28351.014	12.500	12.5	99.9	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	13869.120		1.00	6.28	13869.120	149.200	145	96.9	NO		
89	99 d9-N-EiFOSE-EIS	639.2 > 58.8	13702.650		1.00	6.43	13702.650	149.200	140	94.0	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	7792.769	17031.389	1.00	2.23	5.719	12.500	12.1	96.7	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1543.467	2159.225	1.00	2.51	8.935	12.500	11.5	91.9	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	1109.112	17031.389	1.00	3.27	0.814	12.500	11.3	90.3	NO		
94	56 13C2-4:2 FTS-RSD	329.0 > 79.9	2790.624	2159.225	1.00	2.96	16.155	12.500	13.5	107.9	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	14479.267	17031.389	1.00	3.05	10.627	12.500	12.1	97.2	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	8179.194	17031.389	1.00	3.67	6.003	12.500	11.5	92.3	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	3745.220	2159.225	1.00	3.81	21.682	12.500	12.3	98.3	NO		
98	64 13C2-6:2 FTS-RSD	429.0 > 79.9	2140.728	4413.430	1.00	4.13	6.063	12.500	11.2	89.4	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	16088.722	18238.145	1.00	4.62	11.027	12.500	11.8	94.6	NO		
100	68 13C8-PFOSA-RSD	506. > 78	6131.429	26917.350	1.00	4.67	2.847	12.500	11.8	94.4	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	17111.625	25539.219	1.00	4.18	8.375	12.500	12.3	98.1	NO		
102	74 13C8-PFOS-RSD	507.0 > 80	4012.450	4413.430	1.00	4.70	11.364	12.500	11.3	90.7	NO		
103	76 13C2-PFDA-RSD	515.1 > 469.9	16099.233	21745.984	1.00	5.00	9.254	12.500	11.6	92.4	NO		
104	-1												
105	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2518.881	4413.430	1.00	4.97	7.134	12.500	12.2	97.4	NO		
106	80 d3-N-MeFOSAA-RSD	573. > 419	11685.704	26917.350	1.00	5.14	5.427	12.500	10.9	86.8	NO		
107	82 13C2-PFUdA-RSD	565 > 519.8	23152.455	26917.350	1.00	5.32	10.752	12.500	11.7	93.2	NO		
108	84 d5-N-EiFOSAA-RSD	589. > 419	11308.000	26917.350	1.00	5.31	5.251	12.500	11.7	93.9	NO		

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Name: 200714M1_63, Date: 15-Jul-2020, Time: 01:53:45, ID: ST200714M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86 13C2-PFDoA-RSD	615 > 570	28176.305	21745.984	1.00	5.61	16.196	12.500	11.8	94.3	NO		
110	88 13C2-10:2 FTS-RSD	633 > 79.9	1702.374	4413.430	1.00	5.59	4.822	12.500	11.2	89.5	NO		
111	90 d3-N-MeFOSA-RSD	515.2 > 168.9	20372.889	26917.350	1.00	5.64	9.461	149.200	141	94.4	NO		
112	92 13C2-PFTeDA-RSD	715.1 > 669.7	18686.551	26917.350	1.00	6.07	8.678	12.500	12.3	98.0	NO		
113	94 d5-N-ETFOSA-RSD	531.1 > 168.9	28864.895	26917.350	1.00	6.08	13.404	149.200	153	102.2	NO		
114	96 13C2-PFHxDA-RSD	815 > 769.7	28351.014	26917.350	1.00	6.40	13.166	12.500	12.1	97.1	NO		
115	98 d7-N-MeFOSE-RSD	623.1 > 58.9	13758.329	26917.350	1.00	6.28	6.389	149.200	148	99.1	NO		
116	1... d9-N-EtFOSE-RSD	639.2 > 58.8	13698.777	26917.350	1.00	6.43	6.361	149.200	135	90.5	NO		
117	-1												
118	1... 13C4-PFBA	217.0 > 172.0	6639.254	6639.254	1.00	1.28	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9	17031.389	17031.389	1.00	3.05	12.500	12.500	12.5	100.0	NO		
120	1... 13C8-PFOA	420.9 > 376.0	25539.219	25539.219	1.00	4.18	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0	2159.225	2159.225	1.00	3.81	12.500	12.500	12.5	100.0	NO		
122	1... 13C9-PFNA	472.2 > 426.9	18238.145	18238.145	1.00	4.62	12.500	12.500	12.5	100.0	NO		
123	1... 13C4-PFOS	503 > 80.0	4413.430	4413.430	1.00	4.70	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7	21745.984	21745.984	1.00	5.00	12.500	12.500	12.5	100.0	NO		
125	1... 13C7-PFUDa	570.1 > 524.8	26917.350	26917.350	1.00	5.32	12.500	12.500	12.5	100.0	NO		

Dataset: Untitled

Last Altered: Wednesday, July 15, 2020 12:28:06 Pacific Daylight Time
 Printed: Wednesday, July 15, 2020 12:29:07 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 15 Jul 2020 09:41:38
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Compound name: PFBA

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1	1 200714M1_1	IPA	14-Jul-20	15:09:15
2	2 200714M1_2	IPA	14-Jul-20	15:19:41
3	3 200714M1_3	ST200714M1-1 PFC CS-2 20F1901	14-Jul-20	15:30:06
4	4 200714M1_4	ST200714M1-2 PFC CS-1 20F1902	14-Jul-20	15:40:31
5	5 200714M1_5	ST200714M1-3 PFC CS0 20F1903	14-Jul-20	15:50:56
6	6 200714M1_6	ST200714M1-4 PFC CS1 20F1904	14-Jul-20	16:02:04
7	7 200714M1_7	ST200714M1-5 PFC CS2 20F1905	14-Jul-20	16:12:23
8	8 200714M1_8	ST200714M1-6 PFC CS3 20F1906	14-Jul-20	16:22:46
9	9 200714M1_9	ST200714M1-7 PFC CS4 20F1907	14-Jul-20	16:33:08
10	10 200714M1_10	ST200714M1-8 PFC CS5 20F1908	14-Jul-20	16:43:33
11	11 200714M1_11	ST200714M1-9 PFC CS6 20F1909	14-Jul-20	16:53:57
12	12 200714M1_12	ST200714M1-10 PFC CS7 20F1910	14-Jul-20	17:04:19
13	13 200714M1_13	IB	14-Jul-20	17:14:41
14	14 200714M1_14	ICV200714M1-1 PFC ICV 20F1911	14-Jul-20	17:25:04
15	15 200714M1_15	IB	14-Jul-20	17:35:26
16	16 200714M1_16	B0G0031-BLK1 Method Blank 2	14-Jul-20	17:45:48
17	17 200714M1_17	B0G0031-BS1 OPR 2	14-Jul-20	17:56:10
18	18 200714M1_18	B0G0031-MS1 Matrix Spike 2.13	14-Jul-20	18:06:33
19	19 200714M1_19	B0G0031-MSD1 Matrix Spike Dup 2.12	14-Jul-20	18:16:54
20	20 200714M1_20	2001367-01 CH48-SS04-000H 2.03	14-Jul-20	18:27:17
21	21 200714M1_21	2001367-02 CH48-SB04-0406 2.23	14-Jul-20	18:37:39
22	22 200714M1_22	2001394-01 CH48-SB08-0204 2.43	14-Jul-20	18:48:02
23	23 200714M1_23	2001394-02 CH48-SB08-0406 2.34	14-Jul-20	18:58:24
24	24 200714M1_24	2001394-03 CH48-SB08-0810 2.52	14-Jul-20	19:08:46
25	25 200714M1_25	2001394-04 CH48-SS09-000H 2.47	14-Jul-20	19:19:08
26	26 200714M1_26	2001394-05 CH48-SB09-0406 2.13	14-Jul-20	19:29:30
27	27 200714M1_27	2001394-06 CH48-SB09-0810 2.52	14-Jul-20	19:39:52
28	28 200714M1_28	2001394-07 CH48-SS10-000H 2.48	14-Jul-20	19:50:15
29	29 200714M1_29	2001394-08 CH48-SB10-0406 2.14	14-Jul-20	20:00:37
30	30 200714M1_30	IB	14-Jul-20	20:10:59
31	31 200714M1_31	ST200714M1-11 PFC CS3 20F1906	14-Jul-20	20:21:21
32	32 200714M1_32	IB	14-Jul-20	20:31:46

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Compound name: PFBA

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34	34 200714M1_34	2001404-01 CH48-SS11-000H 2.52	14-Jul-20	20:52:33
35	35 200714M1_35	2001404-02 CH48-SB11-0406 2.45	14-Jul-20	21:02:55
36	36 200714M1_36	2001404-03 CH48-SB11-0810 2.47	14-Jul-20	21:13:21
37	37 200714M1_37	2001404-04 CH48-SS12-000H 2.17	14-Jul-20	21:23:46
38	38 200714M1_38	2001404-05 CH48-SB12-0406 2.24	14-Jul-20	21:34:09
39	39 200714M1_39	2001404-06 CH48-SB12-0810 2.41	14-Jul-20	21:44:34
40	40 200714M1_40	B0G0041-BLK1 Method Blank 0.125	14-Jul-20	21:54:56
41	41 200714M1_41	B0G0041-BS1 OPR 0.125	14-Jul-20	22:05:18
42	42 200714M1_42	2001412-01 MW-4 0.10686	14-Jul-20	22:15:40
43	43 200714M1_43	2001412-02 MW-7 0.10919	14-Jul-20	22:26:03
44	44 200714M1_44	2001412-03 MW-3 0.11335	14-Jul-20	22:36:25
45	45 200714M1_45	IB	14-Jul-20	22:46:47
46	46 200714M1_46	ST200714M1-12 PFC CS3 20F1906	14-Jul-20	22:57:09
47	47 200714M1_47	IB	14-Jul-20	23:07:31
48	48 200714M1_48	2001412-04 MW-5S 0.11707	14-Jul-20	23:17:53
49	49 200714M1_49	2001412-05 MW-5D 0.11049	14-Jul-20	23:28:16
50	50 200714M1_50	2001412-06 MW-2 0.10949	14-Jul-20	23:38:38
51	51 200714M1_51	2001412-07 MW-6 0.11185	14-Jul-20	23:49:00
52	52 200714M1_52	2001413-01 DPH-MW12D 0.11327	14-Jul-20	23:59:23
53	53 200714M1_53	2001413-02 DPH-MW13 0.11222	15-Jul-20	00:09:44
54	54 200714M1_54	2001414-01 DPH-IRELAND 0.10792	15-Jul-20	00:20:07
55	55 200714M1_55	2001414-02 DPH #1 0.11842	15-Jul-20	00:30:29
56	56 200714M1_56	2001414-03 DPH-EX4 0.11579	15-Jul-20	00:40:52
57	57 200714M1_57	B0G0030-BLK1 Method Blank 1	15-Jul-20	00:51:16
58	58 200714M1_58	B0G0030-BS1 OPR 1	15-Jul-20	01:01:41
59	59 200714M1_59	B0G0030-MS1 Matrix Spike 1.03	15-Jul-20	01:12:06
60	60 200714M1_60	B0G0030-MSD1 Matrix Spike Dup 1.04	15-Jul-20	01:22:31
61	61 200714M1_61	2001407-01 AST Waste-PFAS 1.03	15-Jul-20	01:32:56
62	62 200714M1_62	IB	15-Jul-20	01:43:20
63	63 200714M1_63	ST200714M1-13 PFC CS0 20F1903	15-Jul-20	01:53:45
64	64 200714M1_64	IB	15-Jul-20	02:04:09
65	65 200714M1_65	2001408-01 UST 52 Waste-PFAS 1.18	15-Jul-20	02:14:31
66	66 200714M1_66	2001362-04@20X GMW-24 0.25105	15-Jul-20	02:24:53
67	67 200714M1_67	B0G0034-BLK1 Method Blank 0.25	15-Jul-20	02:35:16
68	68 200714M1_68	B0G0034-BS1 OPR 0.25	15-Jul-20	02:45:38

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Compound name: PFBA

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70	70 200714M1_70	B0G0034-MSD1 Matrix Spike Dup 0.2446	15-Jul-20	03:06:22
71	71 200714M1_71	B0G0034-MS2 Matrix Spike 0.24593	15-Jul-20	03:16:44
72	72 200714M1_72	B0G0034-MSD2 Matrix Spike Dup 0.25788	15-Jul-20	03:27:07
73	73 200714M1_73	2001409-01 EB02-20200701 0.24388	15-Jul-20	03:37:29
74	74 200714M1_74	2001409-02 IS72MW16DR-20200701 0.23645	15-Jul-20	03:47:51
75	75 200714M1_75	2001409-03 IS72MW15D-20200701 0.25566	15-Jul-20	03:58:13
76	76 200714M1_76	2001409-04 222MW09D-20200701 0.24708	15-Jul-20	04:08:35
77	77 200714M1_77	2001409-05 DUP02-20200701 0.25888	15-Jul-20	04:18:57
78	78 200714M1_78	2001409-06 IS72MW17D-20200701 0.24802	15-Jul-20	04:29:20
79	79 200714M1_79	2001409-07 DUP03-20200701 0.24473	15-Jul-20	04:39:42
80	80 200714M1_80	2001409-08 I003MW01D-20200701 0.25006	15-Jul-20	04:50:05
81	81 200714M1_81	2001409-09 I003MW02D-20200701 0.25658	15-Jul-20	05:00:27
82	82 200714M1_82	IB	15-Jul-20	05:10:49
83	83 200714M1_83	ST200714M1-14 PFC CS3 20F1906	15-Jul-20	05:21:11
84	84 200714M1_84	IB	15-Jul-20	05:31:33
85	85 200714M1_85	2001409-10 DUP04-20200701 0.24995	15-Jul-20	05:41:58
86	86 200714M1_86	2001409-11 I003MW05D-20200701 0.23646	15-Jul-20	05:52:23
87	87 200714M1_87	2001409-12 EB03-20200702 0.24201	15-Jul-20	06:02:45
88	88 200714M1_88	2001409-13 TW07D-20200702 0.26983	15-Jul-20	06:13:08
89	89 200714M1_89	2001409-14 TW05D-20200702 0.25976	15-Jul-20	06:23:29
90	90 200714M1_90	2001400-01 30/10 F PM 0.1974	15-Jul-20	06:33:52
91	91 200714M1_91	2001400-02 30/10 PFA PM 0.19799	15-Jul-20	06:44:14
92	92 200714M1_92	2001400-03 120/10 F PM 0.19557	15-Jul-20	06:54:36
93	93 200714M1_93	2001400-04 120/10 PFA PM 0.18942	15-Jul-20	07:04:58
94	94 200714M1_94	2001400-05 NAC F PM 0.25304	15-Jul-20	07:15:21
95	95 200714M1_95	2001400-06 NAC PFA PM 0.24487	15-Jul-20	07:25:43
96	96 200714M1_96	IB	15-Jul-20	07:36:05
97	97 200714M1_97	ST200714M1-15 PFC CS3 20F1906	15-Jul-20	07:46:28
98	98 200714M1_98	IB	15-Jul-20	07:56:50
99	99 200714M1_99	B0G0049-BS2 OPR 2	15-Jul-20	08:07:15
100	100 200714M1_100	B0G0048-BS2 OPR 0.125	15-Jul-20	08:17:39
101	101 200714M1_101	B0G0095-BLK1@1000X Method Blank 0.001	15-Jul-20	08:28:04
102	102 200714M1_102	B0G0095-BS1@1000X OPR 0.001	15-Jul-20	08:38:26
103	103 200714M1_103	2001427-01@1000X Phase 4 Sample 1 0.00102	15-Jul-20	08:48:51
104	104 200714M1_104	2001427-02@1000X Phase 4, Sample 4 0.00103	15-Jul-20	08:59:16

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Compound name: PFBA

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106	106 200714M1_106	2001382-01RE1@100X(1:10) FC2006101400DB 0.00101	15-Jul-20	09:20:05
107	107 200714M1_107	2001382-03RE1@100X(1:10) FC2006101440DB 0.001	15-Jul-20	09:30:31
108	108 200714M1_108	IB	15-Jul-20	09:40:55
109	109 200714M1_109	ST200714M1-16 PFC CS3 20F1906	15-Jul-20	09:51:20
110	110 200714M1_110	IB	15-Jul-20	10:01:44

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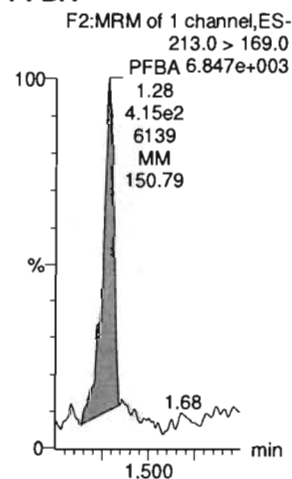
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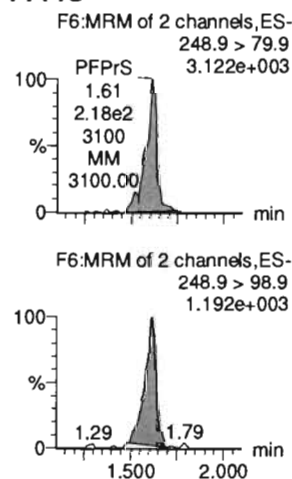
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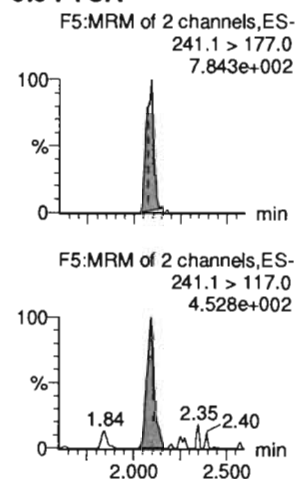
PFBA



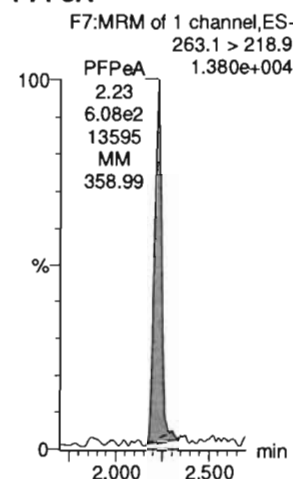
PFPrS



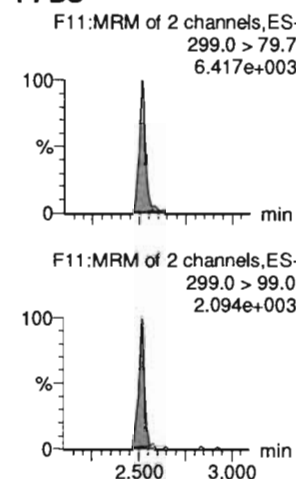
3:3 FTCA



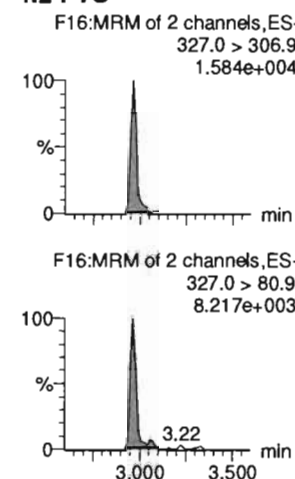
PFPeA



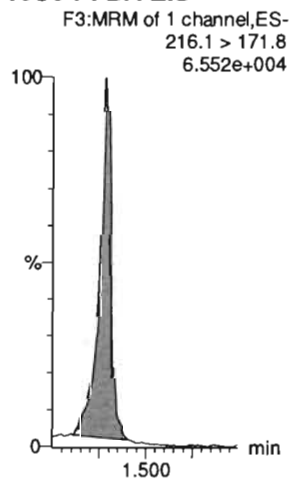
PFBS



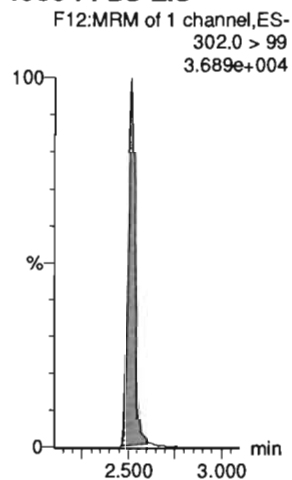
4:2 FTS



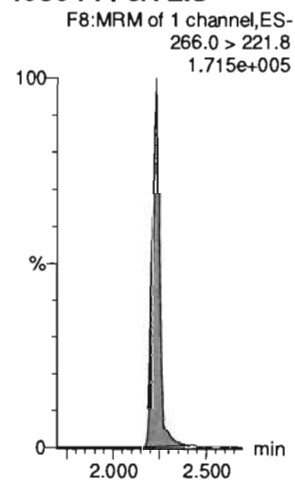
13C3-PFBA-EIS



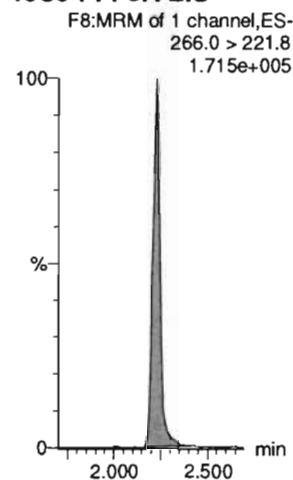
13C3-PFBS-EIS



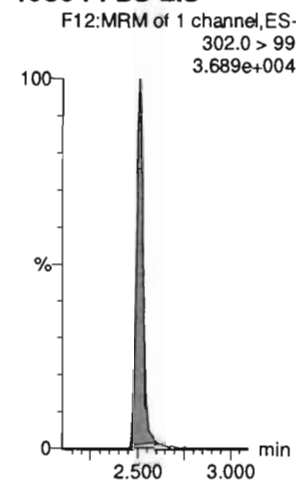
13C3-PFPeA-EIS



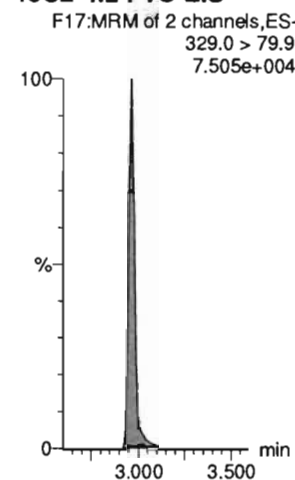
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

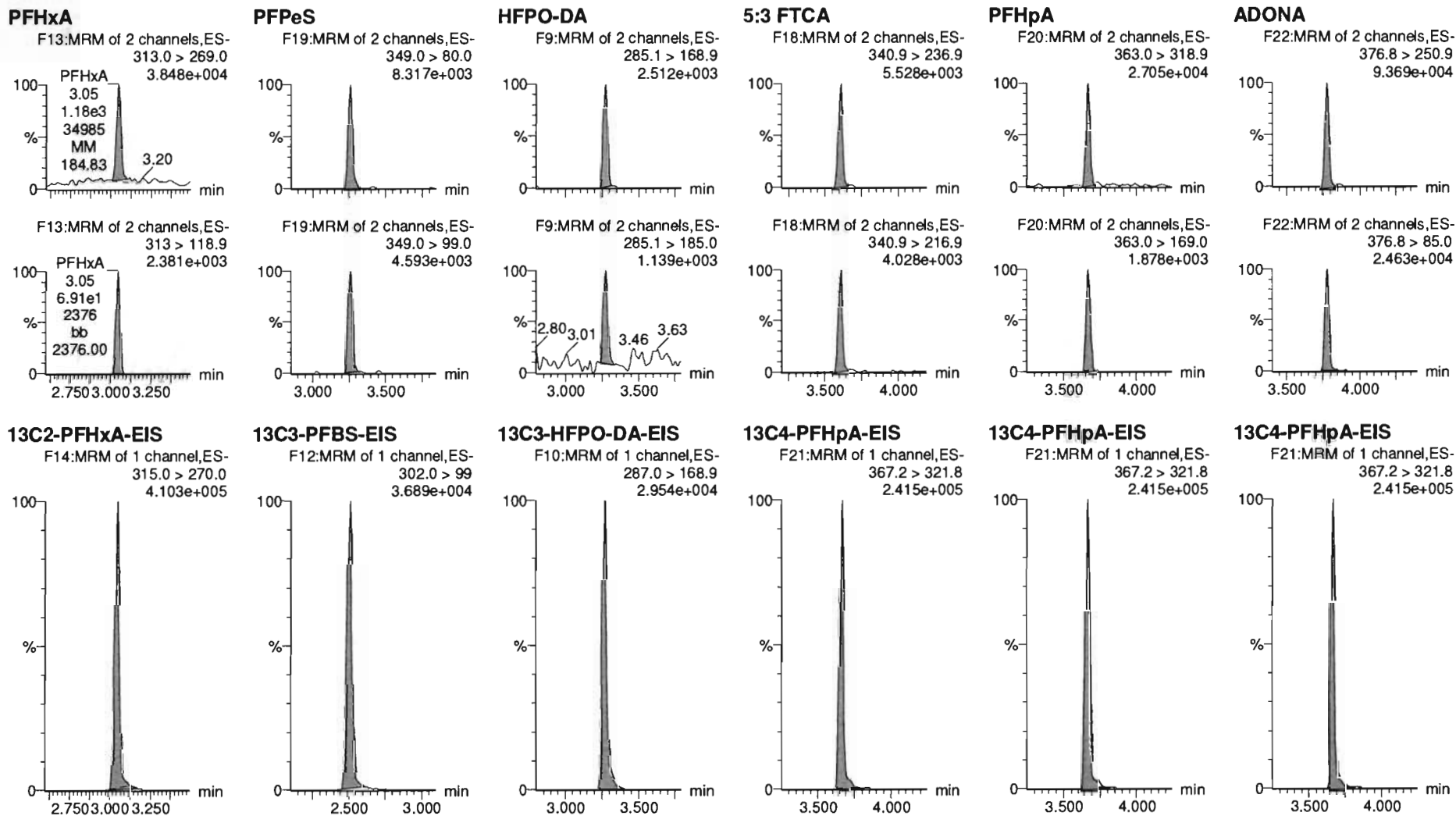


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Last Altered: Wednesday, July 15, 2020 11:51:43 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:24:35 Pacific Daylight Time

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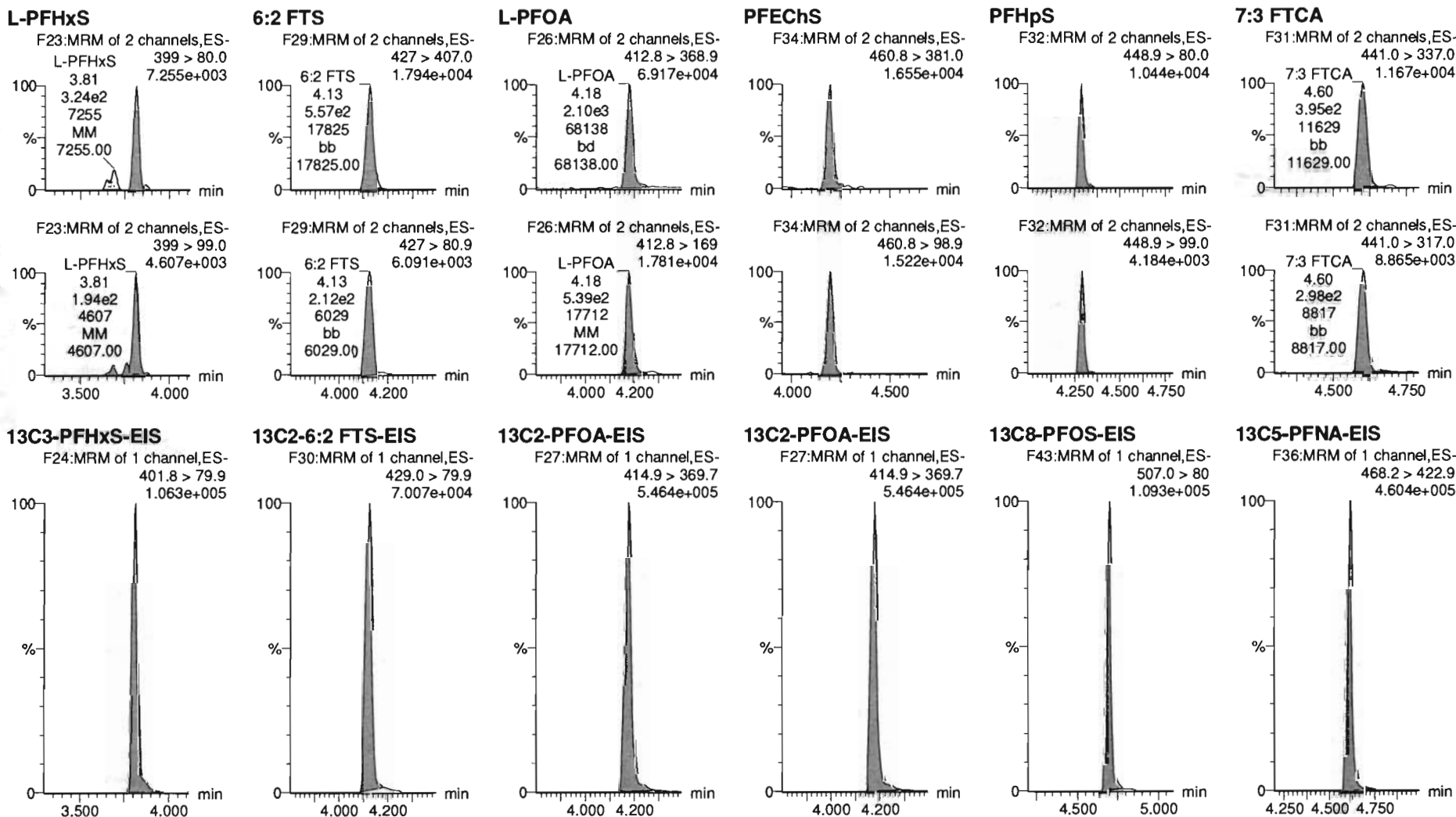


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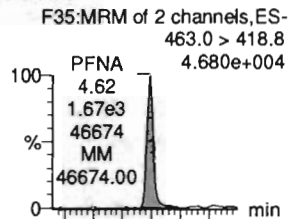
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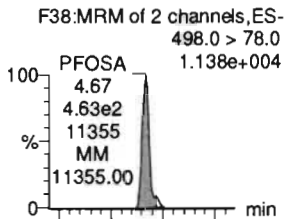
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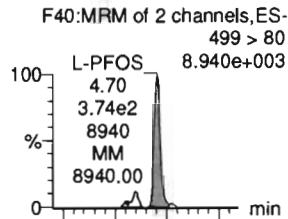
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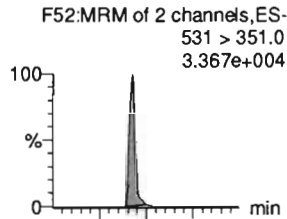
PFOSA



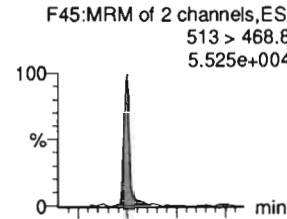
L-PFOS



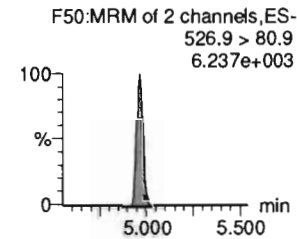
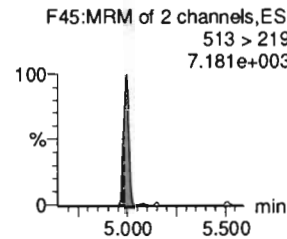
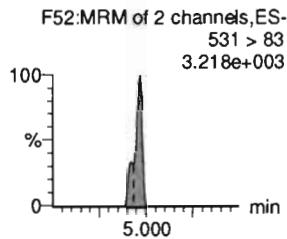
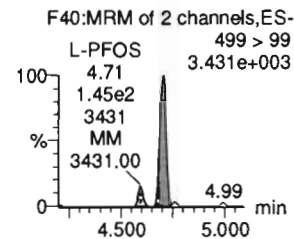
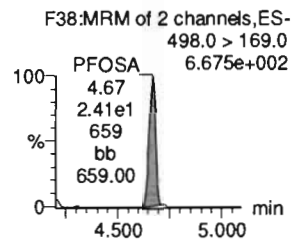
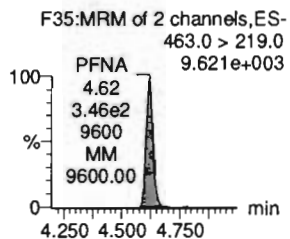
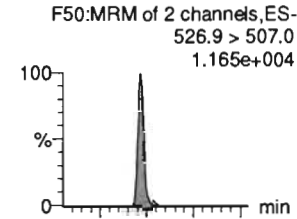
9CI-PF30NS



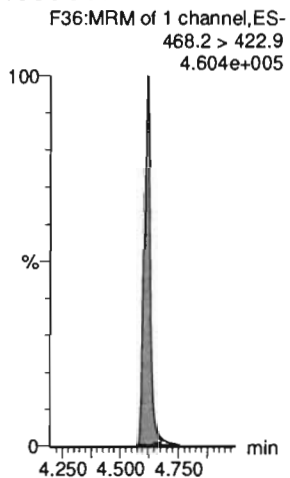
PFDA



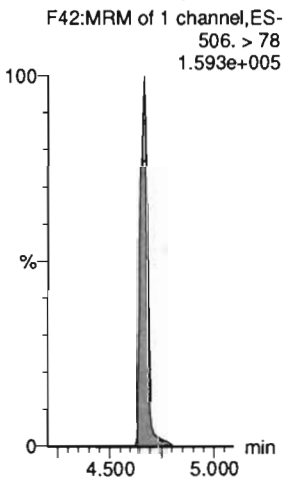
8:2 FTS



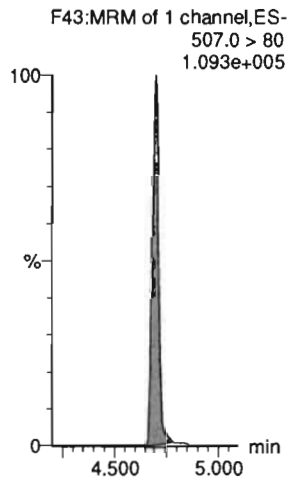
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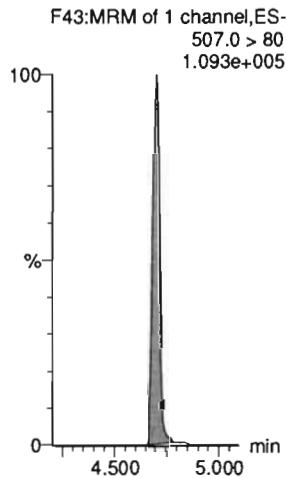
13C8-PFOSA-EIS



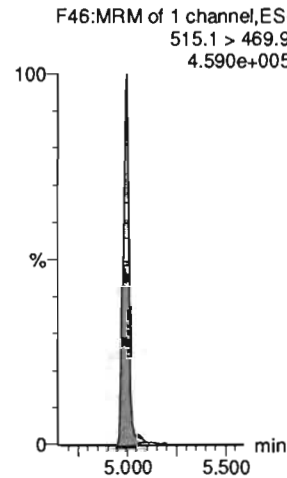
13C8-PFOS-EIS



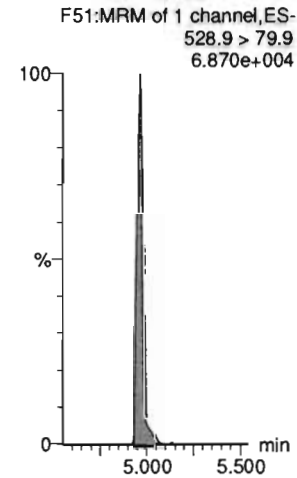
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-63.qld

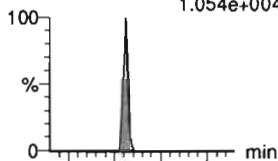
Last Altered: Wednesday, July 15, 2020 11:51:43 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:24:35 Pacific Daylight Time

Name: 200714M1_63, Date: 15-Jul-2020, Time: 01:53:45, ID: ST200714M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

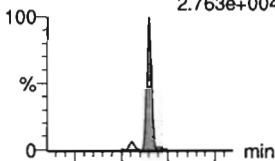
PFNS

F54:MRM of 2 channels,ES-
548.9 > 79.9
1.054e+004



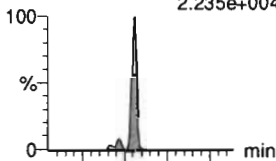
L-MeFOSAA

F57:MRM of 2 channels,ES-
570 > 419
2.763e+004



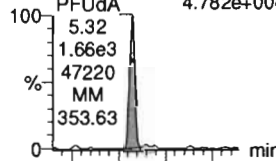
L-EtFOSAA

F60:MRM of 2 channels,ES-
583.9 > 419
2.235e+004



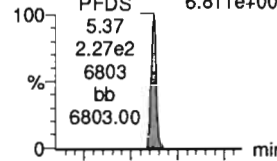
PFUdA

F55:MRM of 2 channels,ES-
563.0 > 518.9
4.782e+004



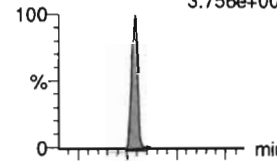
PFDS

F62:MRM of 2 channels,ES-
599.0 > 80.0
6.811e+003

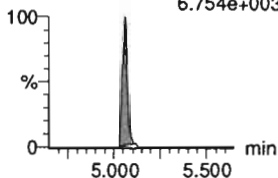


11Cl-PF30UdS

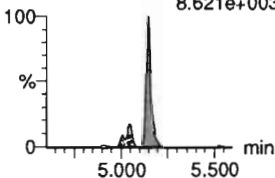
F69:MRM of 2 channels,ES-
630.9 > 450.9
3.756e+004



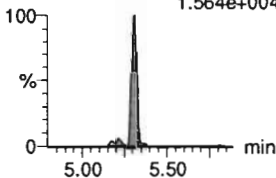
F54:MRM of 2 channels,ES-
548.9 > 98.9
6.754e+003



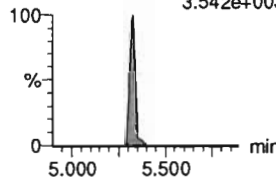
F57:MRM of 2 channels,ES-
570 > 512
8.621e+003



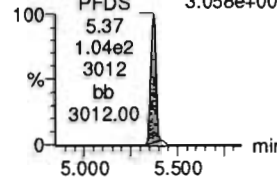
F60:MRM of 2 channels,ES-
583.9 > 526
1.564e+004



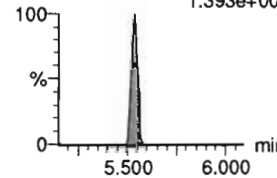
F55:MRM of 2 channels,ES-
563.0 > 269
3.542e+003



F62:MRM of 2 channels,ES-
599.0 > 99.0
3.058e+003

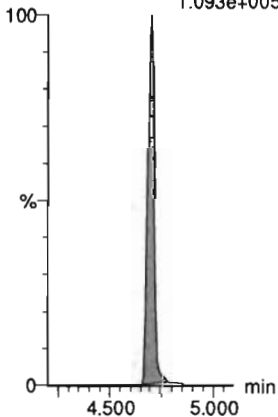


F69:MRM of 2 channels,ES-
630.9 > 83.
1.393e+003



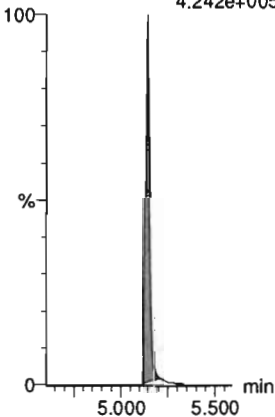
13C8-PFOS-EIS

F43:MRM of 1 channel,ES-
507.0 > 80
1.093e+005



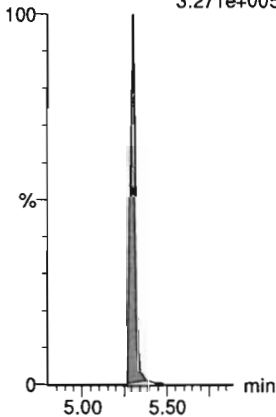
d3-N-MeFOSAA-EIS

F59:MRM of 1 channel,ES-
573 > 419
4.242e+005



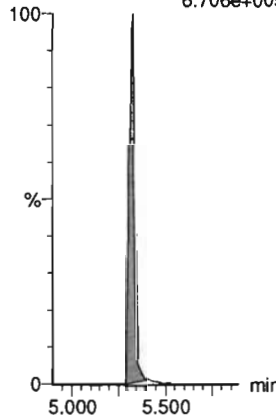
d5-N-EtFOSAA-EIS

F61:MRM of 1 channel,ES-
589 > 419
3.271e+005



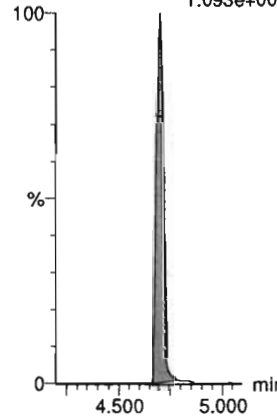
13C2-PFUdA-EIS

F56:MRM of 1 channel,ES-
565 > 519.8
6.706e+005



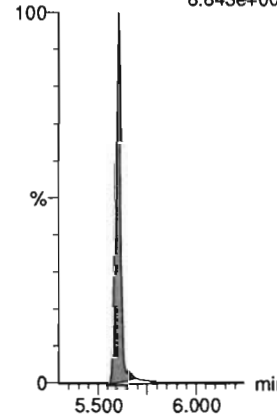
13C8-PFOS-EIS

F43:MRM of 1 channel,ES-
507.0 > 80
1.093e+005



13C2-PFDoA-EIS

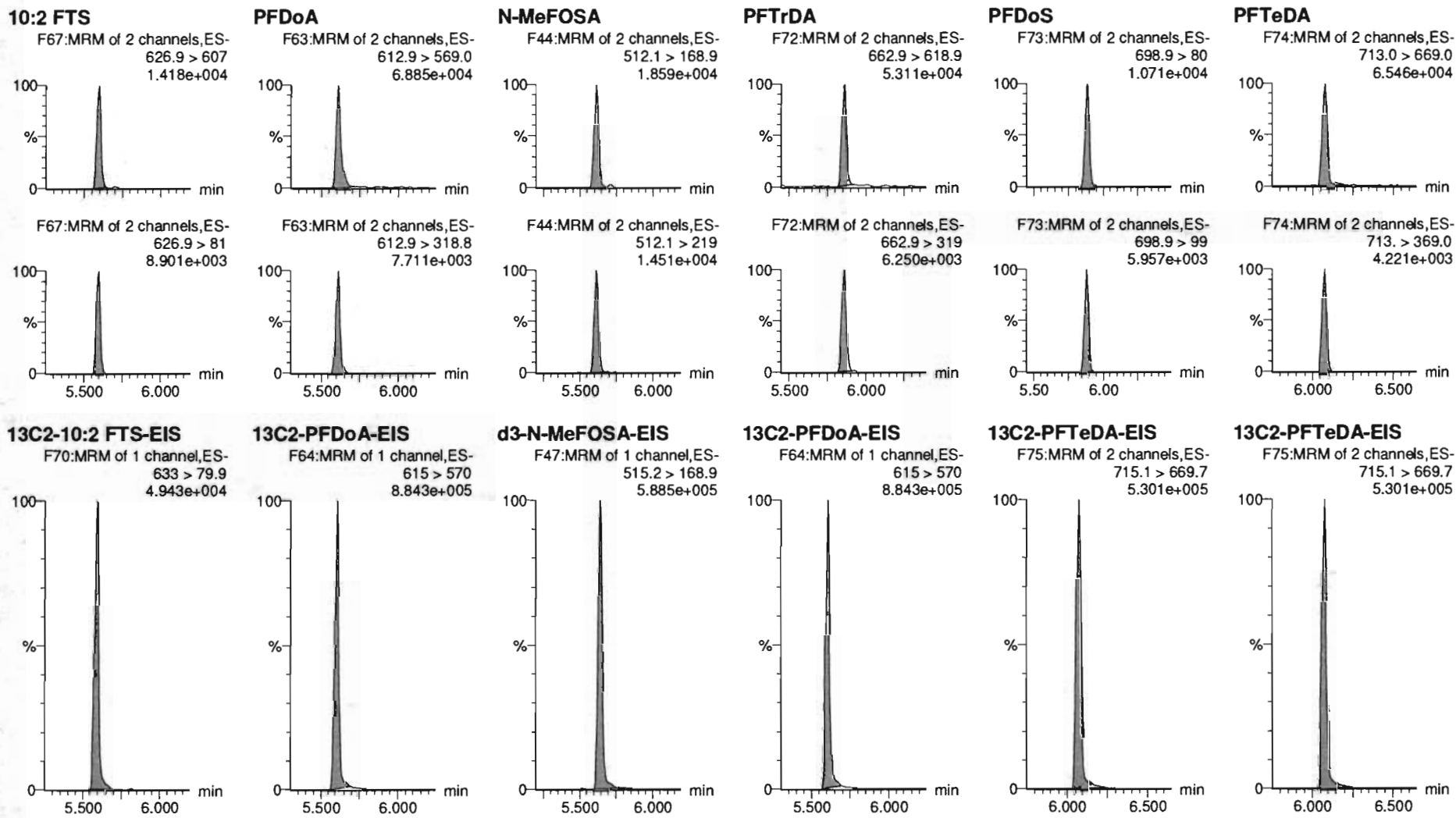
F64:MRM of 1 channel,ES-
615 > 570
8.843e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-63.qld

Last Altered: Wednesday, July 15, 2020 11:51:43 Pacific Daylight Time
Printed: Wednesday, July 15, 2020 12:24:35 Pacific Daylight Time

Name: 200714M1_63, Date: 15-Jul-2020, Time: 01:53:45, ID: ST200714M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

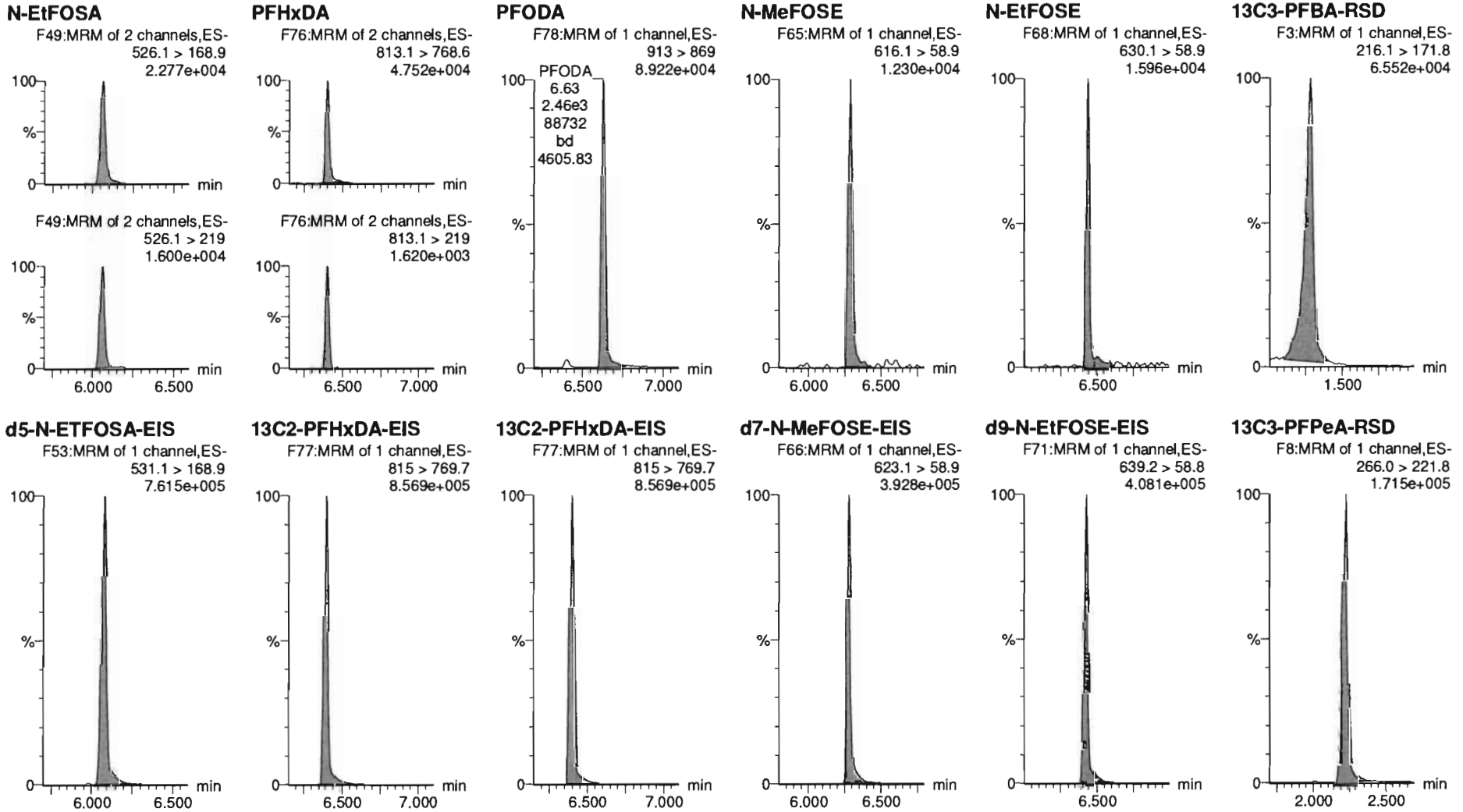


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-63.qld

Last Altered: Wednesday, July 15, 2020 11:51:43 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:24:35 Pacific Daylight Time

Name: 200714M1_63, Date: 15-Jul-2020, Time: 01:53:45, ID: ST200714M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903



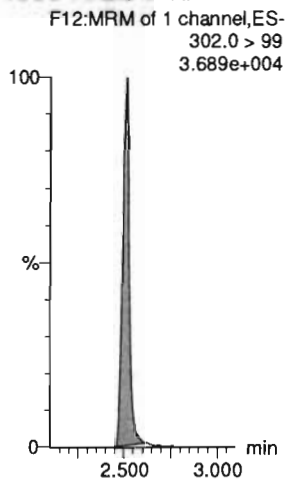
Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-63.qld

Last Altered: Wednesday, July 15, 2020 11:51:43 Pacific Daylight Time

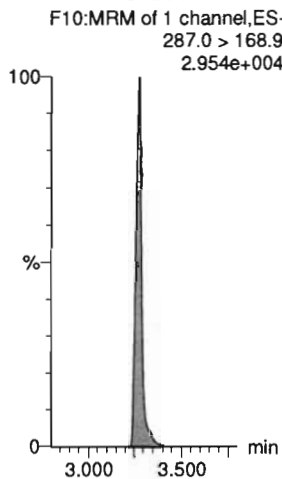
Printed: Wednesday, July 15, 2020 12:24:35 Pacific Daylight Time

Name: 200714M1_63, Date: 15-Jul-2020, Time: 01:53:45, ID: ST200714M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

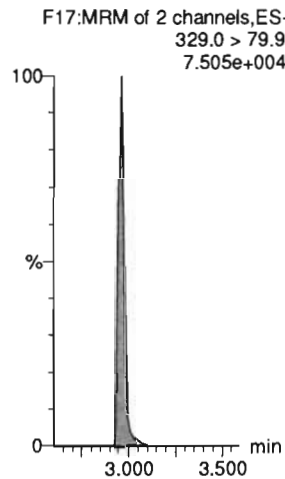
13C3-PFBS-RSD



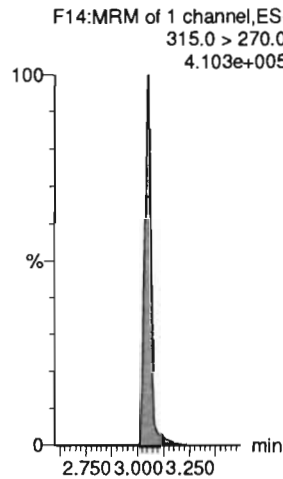
13C3-HFPO-DA-RSD



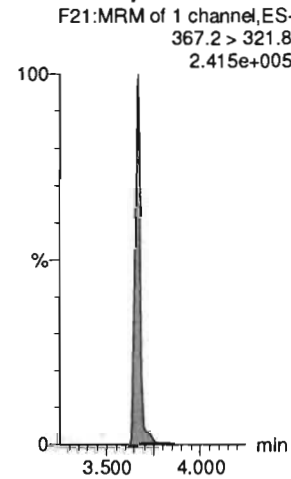
13C2-4:2 FTS-RSD



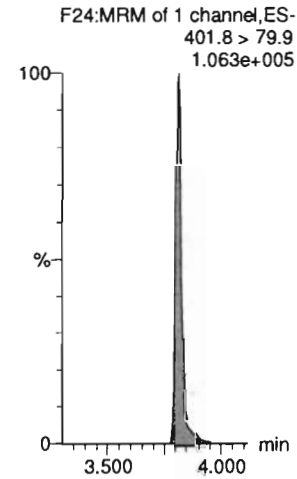
13C2-PFHxA-RSD



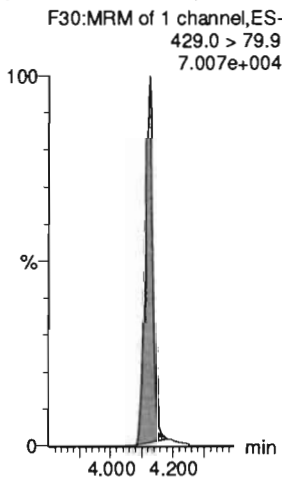
13C4-PFHpA-RSD



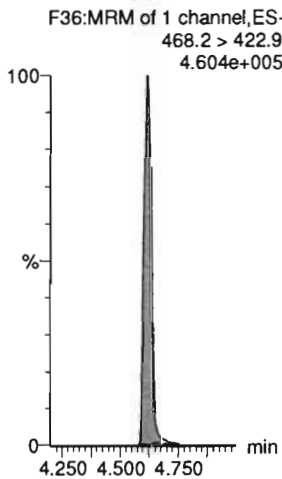
13C3-PFHxS-RSD



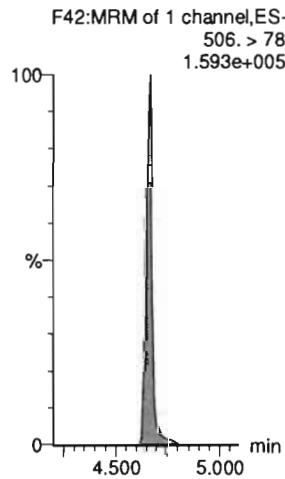
13C2-6:2 FTS-RSD



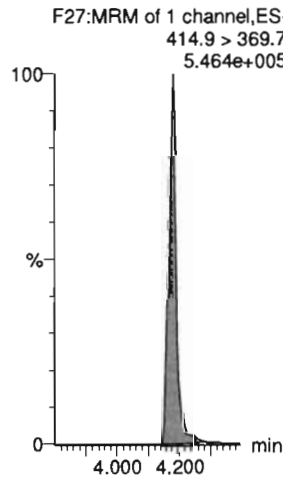
13C5-PFNA-RSD



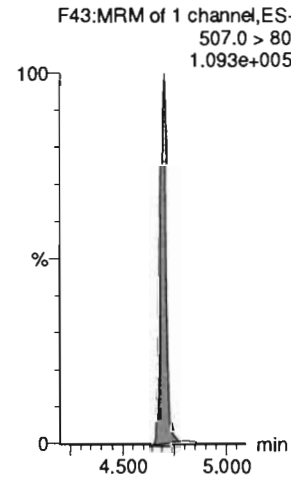
13C8-PFOA-RSD



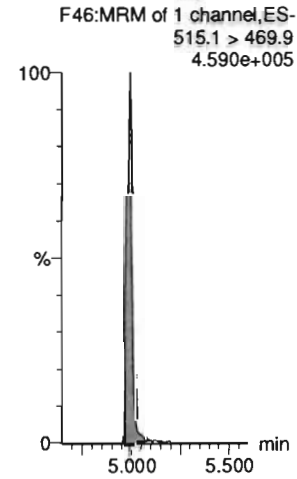
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-63.qld

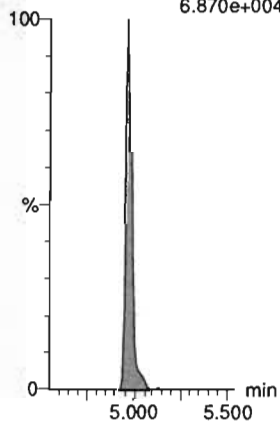
Last Altered: Wednesday, July 15, 2020 11:51:43 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:24:35 Pacific Daylight Time

Name: 200714M1_63, Date: 15-Jul-2020, Time: 01:53:45, ID: ST200714M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

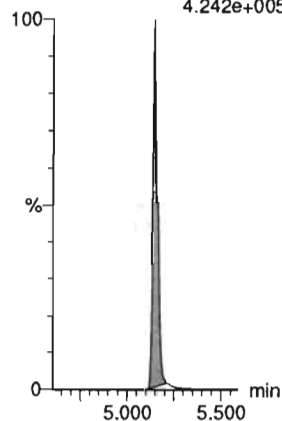
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.870e+004



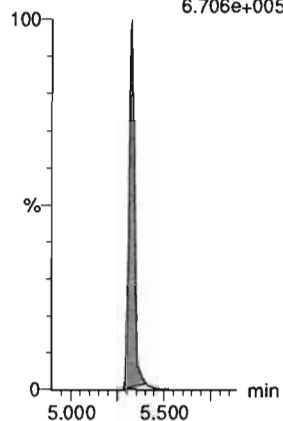
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.242e+005



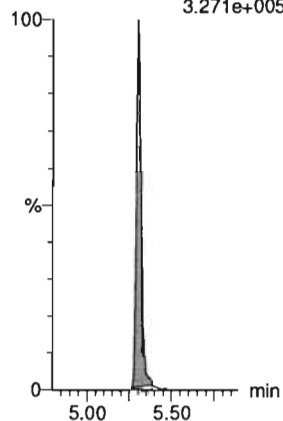
13C2-PFUdA-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.706e+005



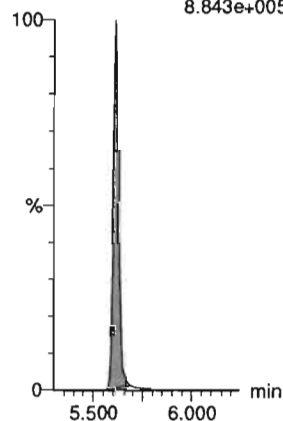
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.271e+005



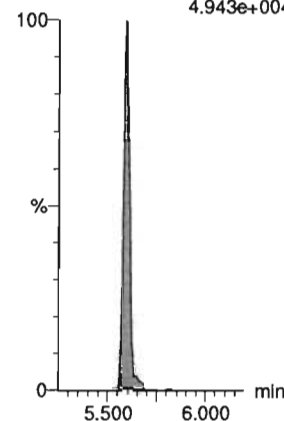
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
8.843e+005



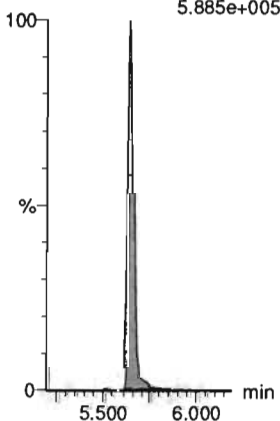
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.943e+004



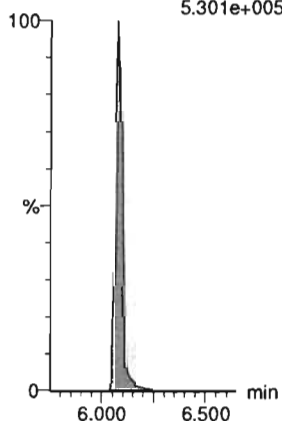
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.885e+005



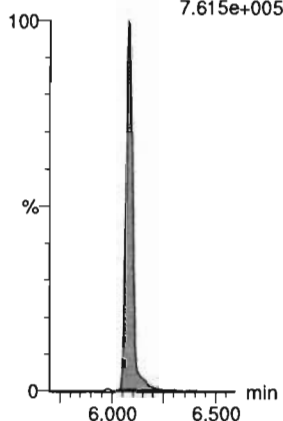
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.301e+005



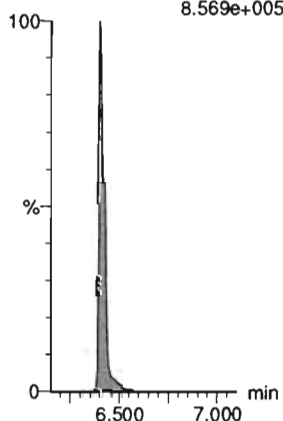
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.615e+005



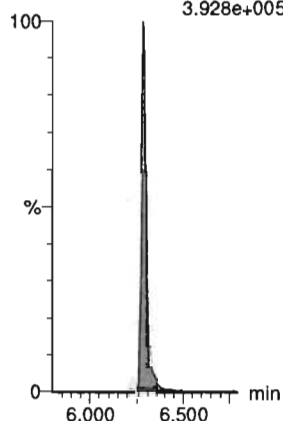
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.569e+005



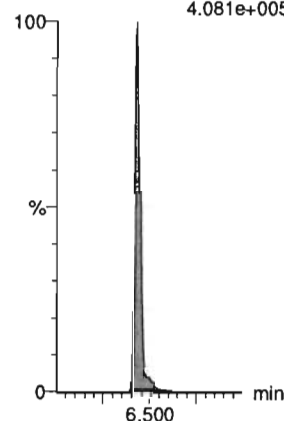
d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.928e+005



d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.081e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-63.qld

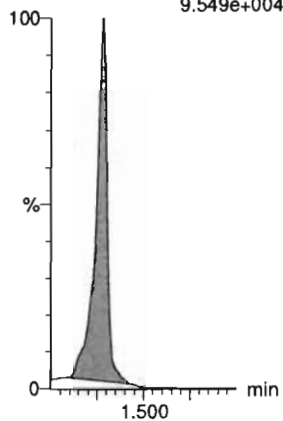
Last Altered: Wednesday, July 15, 2020 11:51:43 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:24:35 Pacific Daylight Time

Name: 200714M1_63, Date: 15-Jul-2020, Time: 01:53:45, ID: ST200714M1-13 PFC CS0 20F1903, Description: PFC CS0 20F1903

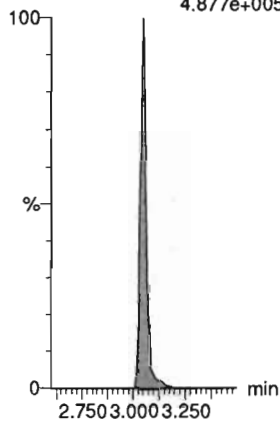
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
9.549e+004



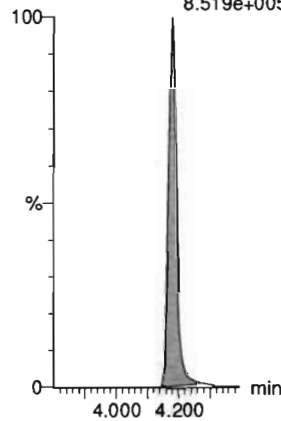
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.877e+005



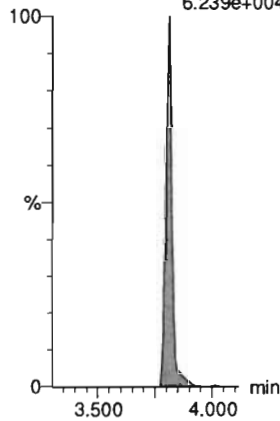
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
8.519e+005



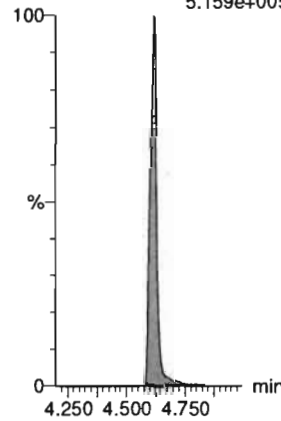
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
6.239e+004



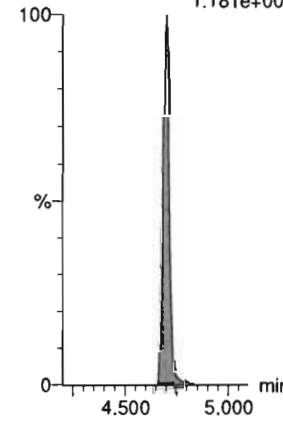
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
5.159e+005



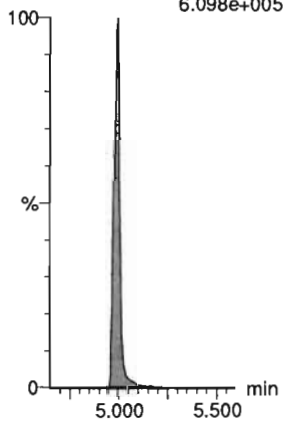
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.181e+005



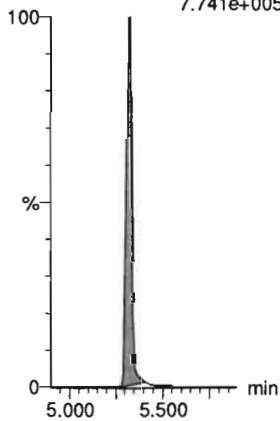
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
6.098e+005



13C7-PFUdA

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.741e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-83.qld

Last Altered: Wednesday, July 15, 2020 12:00:55 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:23:13 Pacific Daylight Time

NJM 7/15/2020

Name: 200714M1_83, Date: 15-Jul-2020, Time: 05:21:11, ID: ST200714M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	5392.587	4853.231	1.00	1.28	13.889	10.000	9.83	98.3	NO		
2	2 PFPrS	248.9 > 79.9	2222.753	1720.256	1.00	1.61	16.151	10.000	9.47	94.7	NO	2.307	NO
3	3 3:3 FTCA	241.1 > 177.0	399.118	8389.620	1.00	2.09	0.595	10.000	8.95	89.5	NO	2.055	NO
4	4 PFPeA	263.1 > 218.9	6172.168	8389.620	1.00	2.23	9.196	10.000	9.88	98.8	NO		
5	5 PFBS	299.0 > 79.7	2827.753	1720.256	1.00	2.51	20.547	10.000	10.6	105.7	NO	2.602	NO
6	6 4:2 FTS	327.0 > 306.9	5634.192	2669.520	1.00	2.96	26.382	10.000	9.55	95.5	NO	1.852	NO
7	47 13C3-PFBA-EIS	216.1 > 171.8	4853.231		1.00	1.28	4853.231	12.500	10.9	87.4	NO		
8	51 13C3-PFBS-EIS	302.0 > 99	1720.256		1.00	2.51	1720.256	12.500	13.5	108.1	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8	8389.620		1.00	2.23	8389.620	12.500	14.1	112.6	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8	8389.620		1.00	2.23	8389.620	12.500	14.1	112.6	NO		
11	51 13C3-PFBS-EIS	302.0 > 99	1720.256		1.00	2.51	1720.256	12.500	13.5	108.1	NO		
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9	2669.520		1.00	2.96	2669.520	12.500	12.5	99.7	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0	12511.983	15270.901	1.00	3.05	10.242	10.000	9.85	98.5	NO	17.230	NO
15	8 PFPeS	349.0 > 80.0	3314.833	1720.256	1.00	3.26	24.087	10.000	10.6	106.1	NO	1.641	NO
16	9 HFPO-DA	285.1 > 168.9	833.834	1360.883	1.00	3.28	7.659	10.000	7.56	75.6	NO	1.772	NO
17	10 5:3 FTCA	340.9 > 236.9	2271.441	8891.064	1.00	3.61	3.193	10.000	9.68	96.8	NO	1.556	NO
18	11 PFHpA	363.0 > 318.9	9233.508	8891.064	1.00	3.67	12.981	10.000	10.2	102.3	NO	11.708	NO
19	12 ADONA	376.8 > 250.9	31409.316	8891.064	1.00	3.78	44.159	10.000	9.56	95.6	NO	3.554	NO
20	57 13C2-PFHxA-EIS	315.0 > 270.0	15270.901		1.00	3.05	15270.901	12.500	13.2	105.8	NO		
21	51 13C3-PFBS-EIS	302.0 > 99	1720.256		1.00	2.51	1720.256	12.500	13.5	108.1	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	1360.883		1.00	3.27	1360.883	12.500	13.5	107.8	NO		
23	59 13C4-PFHpA-EIS	367.2 > 321.8	8891.064		1.00	3.67	8891.064	12.500	12.9	103.6	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8	8891.064		1.00	3.67	8891.064	12.500	12.9	103.6	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8	8891.064		1.00	3.67	8891.064	12.500	12.9	103.6	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0	3392.617	3987.046	1.00	3.81	10.636	10.000	9.52	95.2	NO	1.531	NO
28	15 6:2 FTS	427 > 407.0	6129.085	2346.701	1.00	4.13	32.647	10.000	10.3	103.4	NO	2.220	NO
29	16 L-PFOA	412.8 > 368.9	18562.496	17464.846	1.00	4.18	13.286	10.000	9.23	92.3	NO	3.440	NO
30	18 PFecHS	460.8 > 381.0	5834.949	17464.846	1.00	4.20	4.176	10.000	9.79	97.9	NO	0.930	NO
31	19 PFHpS	448.9 > 80.0	3303.985	3959.112	1.00	4.29	10.432	10.000	12.1	120.6	NO	1.801	NO
32	20 7:3 FTCA	441.0 > 337.0	4060.515	17198.168	1.00	4.60	2.951	10.000	9.07	90.7	NO	1.400	NO
33	61 13C3-PFHxS-EIS	401.8 > 79.9	3987.046		1.00	3.81	3987.046	12.500	12.5	99.9	NO		
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9	2346.701		1.00	4.13	2346.701	12.500	12.4	98.9	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7	17464.846		1.00	4.18	17464.846	12.500	12.5	100.2	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7	17464.846		1.00	4.18	17464.846	12.500	12.5	100.2	NO		

Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-83.qld

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Name: 200714M1_83, Date: 15-Jul-2020, Time: 05:21:11, ID: ST200714M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	3959.112		1.00	4.70	3959.112	12.500	11.0	87.7	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	17198.168		1.00	4.62	17198.168	12.500	12.1	97.0	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	16963.803	17198.168	1.00	4.62	12.330	10.000	10.5	105.2	NO	3.994	NO
41	22 PFOSA	498.0 > 78.0	4907.869	6820.899	1.00	4.67	8.994	10.000	8.48	84.8	NO	28.626	NO
42	23 L-PFOS	499 > 80	3708.099	3959.112	1.00	4.70	11.707	10.000	11.6	116.3	NO	1.909	NO
43	25 9CI-PF30NS	531 > 351.0	11471.835	3959.112	1.00	4.93	36.220	10.000	10.2	102.5	NO	19.533	NO
44	26 PFDA	513 > 468.8	20225.566	17190.098	1.00	5.00	14.707	10.000	10.3	103.2	NO	5.732	NO
45	27 8:2 FTS	526.9 > 507.0	5757.181	2593.552	1.00	4.97	27.748	10.000	11.1	110.8	NO	1.837	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	17198.168		1.00	4.62	17198.168	12.500	12.1	97.0	NO		
47	67 13C8-PFOSA-EIS	506. > 78	6820.899		1.00	4.67	6820.899	12.500	13.1	104.7	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	3959.112		1.00	4.70	3959.112	12.500	11.0	87.7	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	3959.112		1.00	4.70	3959.112	12.500	11.0	87.7	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	17190.098		1.00	5.00	17190.098	12.500	12.7	101.9	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2593.552		1.00	4.97	2593.552	12.500	13.9	110.9	NO		
52	-1												
53	28 PFNS	548.9 > 79.9	3325.102	3959.112	1.00	5.06	10.498	10.000	10.3	103.1	NO	1.550	NO
54	29 L-MeFOSAA	570 > 419	10559.960	13348.117	1.00	5.15	9.889	10.000	10.5	104.7	NO	2.802	NO
55	31 L-EiFOSAA	583.9 > 419	8960.748	12280.383	1.00	5.31	9.121	10.000	10.1	100.7	NO	1.360	NO
56	33 PFUdA	563.0 > 518.9	18040.068	23996.559	1.00	5.32	9.397	10.000	10.2	101.9	NO	10.104	NO
57	34 PFDS	599.0 > 80.0	3245.782	3959.112	1.00	5.37	10.248	10.000	12.4	124.4	NO	1.432	NO
58	35 11CI-PF30UdS	630.9 > 450.9	13448.524	31997.473	1.00	5.54	5.254	10.000	9.76	97.6	NO	24.909	NO
59	73 13C8-PFOS-EIS	507.0 > 80	3959.112		1.00	4.70	3959.112	12.500	11.0	87.7	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	13348.117		1.00	5.14	13348.117	12.500	13.0	104.2	NO		
61	83 d5-N-EiFOSAA-EIS	589. > 419	12280.383		1.00	5.30	12280.383	12.500	12.7	101.9	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	23996.559		1.00	5.32	23996.559	12.500	12.0	96.3	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	3959.112		1.00	4.70	3959.112	12.500	11.0	87.7	NO		
64	85 13C2-PFDoA-EIS	615 > 570	31997.473		1.00	5.61	31997.473	12.500	14.5	115.7	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	4631.484	1867.127	1.00	5.60	31.007	10.000	9.50	95.0	NO	1.504	NO
67	37 PFDoA	612.9 > 569.0	23861.971	31997.473	1.00	5.61	9.322	10.000	9.36	93.6	NO	8.760	NO
68	38 N-MeFOSA	512.1 > 168.9	7087.808	21666.590	1.00	5.61	48.808	50.000	49.9	99.9	NO	1.283	NO
69	39 PFTrDA	662.9 > 618.9	20778.660	31997.473	1.00	5.86	8.117	10.000	8.84	88.4	NO	8.901	NO
70	40 PFDoS	698.9 > 80	4046.985	19497.365	1.00	5.88	2.595	10.000	9.69	96.9	NO	1.849	NO
71	41 PFTeDA	713.0 > 669.0	23574.906	19497.365	1.00	6.08	15.114	10.000	9.64	96.4	NO	13.727	NO
72	87 13C2-10:2 FTS-EIS	633 > 79.9	1867.127		1.00	5.59	1867.127	12.500	12.4	98.8	NO		

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Name: 200714M1_83, Date: 15-Jul-2020, Time: 05:21:11, ID: ST200714M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFDoA-EIS	615 > 570	31997.473		1.00	5.61	31997.473	12.500	14.5	115.7	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	21666.590		1.00	5.64	21666.590	149.200	155	103.8	NO		
75	85 13C2-PFDoA-EIS	615 > 570	31997.473		1.00	5.61	31997.473	12.500	14.5	115.7	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	19497.365		1.00	6.08	19497.365	12.500	12.7	101.5	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	19497.365		1.00	6.08	19497.365	12.500	12.7	101.5	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	9032.852	30391.156	1.00	6.07	44.345	50.000	51.8	103.7	NO	1.474	NO
80	43 PFHxDA	813.1 > 768.6	14288.721	29104.760	1.00	6.40	6.137	10.000	10.7	106.6	NO	24.204	NO
81	44 PFODA	913 > 869	25061.854	29104.760	1.00	6.63	10.764	10.000	10.8	108.2	NO		
82	45 N-MeFOSE	616.1 > 58.9	4582.363	13461.553	1.00	6.29	50.788	50.000	49.6	99.1	NO		
83	46 N-EtFOSE	630.1 > 58.9	6254.010	15686.021	1.00	6.44	59.486	50.000	55.6	111.2	NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	4853.231	6814.086	1.00	1.28	8.903	12.500	12.8	102.1	NO		
85	93 d5-N-ETFOSA-EIS	531.1 > 168.9	30391.156		1.00	6.08	30391.156	149.200	163	109.4	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	29104.760		1.00	6.40	29104.760	12.500	12.8	102.5	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	29104.760		1.00	6.40	29104.760	12.500	12.8	102.5	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	13461.553		1.00	6.28	13461.553	149.200	140	94.1	NO		
89	99 d9-N-EtFOSE-EIS	639.2 > 58.8	15686.021		1.00	6.43	15686.021	149.200	161	107.6	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	8389.620	17291.945	1.00	2.23	6.065	12.500	12.8	102.6	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1717.033	2188.992	1.00	2.51	9.805	12.500	12.6	100.9	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	1360.883	17291.945	1.00	3.27	0.984	12.500	13.6	109.1	NO		
94	56 13C2-4:2 FTS-RSD	329.0 > 79.9	2671.354	2188.992	1.00	2.96	15.254	12.500	12.7	101.9	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	15280.243	17291.945	1.00	3.05	11.046	12.500	12.6	101.0	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	8891.064	17291.945	1.00	3.67	6.427	12.500	12.4	98.8	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	3987.046	2188.992	1.00	3.81	22.768	12.500	12.9	103.2	NO		
98	64 13C2-6:2 FTS-RSD	429.0 > 79.9	2362.792	4365.308	1.00	4.13	6.766	12.500	12.5	99.7	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	17198.168	18951.447	1.00	4.62	11.344	12.500	12.2	97.3	NO		
100	68 13C8-PFOSA-RSD	506. > 78	6820.899	28926.232	1.00	4.67	2.948	12.500	12.2	97.7	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	17464.846	26783.340	1.00	4.18	8.151	12.500	11.9	95.4	NO		
102	74 13C8-PFOS-RSD	507.0 > 80	3959.112	4365.308	1.00	4.70	11.337	12.500	11.3	90.5	NO		
103	76 13C2-PFDA-RSD	515.1 > 469.9	17190.098	21242.066	1.00	5.00	10.116	12.500	12.6	101.1	NO		
104	-1												
105	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2593.552	4365.308	1.00	4.97	7.427	12.500	12.7	101.4	NO		
106	80 d3-N-MeFOSAA-RSD	573. > 419	13348.117	28926.232	1.00	5.14	5.768	12.500	11.5	92.3	NO		
107	82 13C2-PFUdA-RSD	565 > 519.8	23996.559	28926.232	1.00	5.32	10.370	12.500	11.2	89.9	NO		
108	84 d5-N-EtFOSAA-RSD	589. > 419	12277.879	28926.232	1.00	5.30	5.306	12.500	11.9	94.9	NO		

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Name: 200714M1_83, Date: 15-Jul-2020, Time: 05:21:11, ID: ST200714M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86	13C2-PFDoA-RSD	615 > 570	31980.807	21242.066	1.00	5.61	18.819	12.500	13.7	109.6	NO	
110	88	13C2-10:2 FTS-RSD	633 > 79.9	1871.737	4365.308	1.00	5.59	5.360	12.500	12.4	99.5	NO	
111	90	d3-N-MeFOSA-RSD	515.2 > 168.9	21751.824	28926.232	1.00	5.64	9.400	149.200	140	93.8	NO	
112	92	13C2-PFTeDA-RSD	715.1 > 669.7	19497.365	28926.232	1.00	6.08	8.425	12.500	11.9	95.2	NO	
113	94	d5-N-ETFOSA-RSD	531.1 > 168.9	30391.156	28926.232	1.00	6.08	13.133	149.200	149	100.2	NO	
114	96	13C2-PFHxDA-RSD	815 > 769.7	29094.639	28926.232	1.00	6.40	12.573	12.500	11.6	92.7	NO	
115	98	d7-N-MeFOSE-RSD	623.1 > 58.9	13458.584	28926.232	1.00	6.28	5.816	149.200	135	90.2	NO	
116	1...	d9-N-EiFOSE-RSD	639.2 > 58.8	15670.296	28926.232	1.00	6.43	6.772	149.200	144	96.4	NO	
117		-1											
118	1...	13C4-PFBA	217.0 > 172.0	6814.086	6814.086	1.00	1.28	12.500	12.500	12.5	100.0	NO	
119	1...	13C5-PFHxA	318.0 > 272.9	17291.945	17291.945	1.00	3.05	12.500	12.500	12.5	100.0	NO	
120	1...	13C8-PFOA	420.9 > 376.0	26783.340	26783.340	1.00	4.18	12.500	12.500	12.5	100.0	NO	
121	1...	18O2-PFHxS	403.0 > 103.0	2188.992	2188.992	1.00	3.81	12.500	12.500	12.5	100.0	NO	
122	1...	13C9-PFNA	472.2 > 426.9	18951.447	18951.447	1.00	4.62	12.500	12.500	12.5	100.0	NO	
123	1...	13C4-PFOS	503 > 80.0	4365.308	4365.308	1.00	4.70	12.500	12.500	12.5	100.0	NO	
124	1...	13C6-PFDA	519.1 > 473.7	21242.066	21242.066	1.00	5.00	12.500	12.500	12.5	100.0	NO	
125	1...	13C7-PFUDa	570.1 > 524.8	28926.232	28926.232	1.00	5.32	12.500	12.500	12.5	100.0	NO	

Dataset: Untitled

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 15 Jul 2020 09:41:38

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200714M1_1	IPA	14-Jul-20	15:09:15
2	2 200714M1_2	IPA	14-Jul-20	15:19:41
3	3 200714M1_3	ST200714M1-1 PFC CS-2 20F1901	14-Jul-20	15:30:06
4	4 200714M1_4	ST200714M1-2 PFC CS-1 20F1902	14-Jul-20	15:40:31
5	5 200714M1_5	ST200714M1-3 PFC CS0 20F1903	14-Jul-20	15:50:56
6	6 200714M1_6	ST200714M1-4 PFC CS1 20F1904	14-Jul-20	16:02:04
7	7 200714M1_7	ST200714M1-5 PFC CS2 20F1905	14-Jul-20	16:12:23
8	8 200714M1_8	ST200714M1-6 PFC CS3 20F1906	14-Jul-20	16:22:46
9	9 200714M1_9	ST200714M1-7 PFC CS4 20F1907	14-Jul-20	16:33:08
10	10 200714M1_10	ST200714M1-8 PFC CS5 20F1908	14-Jul-20	16:43:33
11	11 200714M1_11	ST200714M1-9 PFC CS6 20F1909	14-Jul-20	16:53:57
12	12 200714M1_12	ST200714M1-10 PFC CS7 20F1910	14-Jul-20	17:04:19
13	13 200714M1_13	IB	14-Jul-20	17:14:41
14	14 200714M1_14	ICV200714M1-1 PFC ICV 20F1911	14-Jul-20	17:25:04
15	15 200714M1_15	IB	14-Jul-20	17:35:26
16	16 200714M1_16	BOG0031-BLK1 Method Blank 2	14-Jul-20	17:45:48
17	17 200714M1_17	BOG0031-BS1 OPR 2	14-Jul-20	17:56:10
18	18 200714M1_18	BOG0031-MS1 Matrix Spike 2.13	14-Jul-20	18:06:33
19	19 200714M1_19	BOG0031-MSD1 Matrix Spike Dup 2.12	14-Jul-20	18:16:54
20	20 200714M1_20	2001367-01 CH48-SS04-000H 2.03	14-Jul-20	18:27:17
21	21 200714M1_21	2001367-02 CH48-SB04-0406 2.23	14-Jul-20	18:37:39
22	22 200714M1_22	2001394-01 CH48-SB08-0204 2.43	14-Jul-20	18:48:02
23	23 200714M1_23	2001394-02 CH48-SB08-0406 2.34	14-Jul-20	18:58:24
24	24 200714M1_24	2001394-03 CH48-SB08-0810 2.52	14-Jul-20	19:08:46
25	25 200714M1_25	2001394-04 CH48-SS09-000H 2.47	14-Jul-20	19:19:08
26	26 200714M1_26	2001394-05 CH48-SB09-0406 2.13	14-Jul-20	19:29:30
27	27 200714M1_27	2001394-06 CH48-SB09-0810 2.52	14-Jul-20	19:39:52
28	28 200714M1_28	2001394-07 CH48-SS10-000H 2.48	14-Jul-20	19:50:15
29	29 200714M1_29	2001394-08 CH48-SB10-0406 2.14	14-Jul-20	20:00:37
30	30 200714M1_30	IB	14-Jul-20	20:10:59
31	31 200714M1_31	ST200714M1-11 PFC CS3 20F1906	14-Jul-20	20:21:21
32	32 200714M1_32	IB	14-Jul-20	20:31:46

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 200714M1_33	2001394-09 CH48-SB10-0810 2.53	14-Jul-20	20:42:11
34	34 200714M1_34	2001404-01 CH48-SS11-000H 2.52	14-Jul-20	20:52:33
35	35 200714M1_35	2001404-02 CH48-SB11-0406 2.45	14-Jul-20	21:02:55
36	36 200714M1_36	2001404-03 CH48-SB11-0810 2.47	14-Jul-20	21:13:21
37	37 200714M1_37	2001404-04 CH48-SS12-000H 2.17	14-Jul-20	21:23:46
38	38 200714M1_38	2001404-05 CH48-SB12-0406 2.24	14-Jul-20	21:34:09
39	39 200714M1_39	2001404-06 CH48-SB12-0810 2.41	14-Jul-20	21:44:34
40	40 200714M1_40	B0G0041-BLK1 Method Blank 0.125	14-Jul-20	21:54:56
41	41 200714M1_41	B0G0041-BS1 OPR 0.125	14-Jul-20	22:05:18
42	42 200714M1_42	2001412-01 MW-4 0.10686	14-Jul-20	22:15:40
43	43 200714M1_43	2001412-02 MW-7 0.10919	14-Jul-20	22:26:03
44	44 200714M1_44	2001412-03 MW-3 0.11335	14-Jul-20	22:36:25
45	45 200714M1_45	IB	14-Jul-20	22:46:47
46	46 200714M1_46	ST200714M1-12 PFC CS3 20F1906	14-Jul-20	22:57:09
47	47 200714M1_47	IB	14-Jul-20	23:07:31
48	48 200714M1_48	2001412-04 MW-5S 0.11707	14-Jul-20	23:17:53
49	49 200714M1_49	2001412-05 MW-5D 0.11049	14-Jul-20	23:28:16
50	50 200714M1_50	2001412-06 MW-2 0.10949	14-Jul-20	23:38:38
51	51 200714M1_51	2001412-07 MW-6 0.11185	14-Jul-20	23:49:00
52	52 200714M1_52	2001413-01 DPH-MW12D 0.11327	14-Jul-20	23:59:23
53	53 200714M1_53	2001413-02 DPH-MW13 0.11222	15-Jul-20	00:09:44
54	54 200714M1_54	2001414-01 DPH-IRELAND 0.10792	15-Jul-20	00:20:07
55	55 200714M1_55	2001414-02 DPH #1 0.11842	15-Jul-20	00:30:29
56	56 200714M1_56	2001414-03 DPH-EX4 0.11579	15-Jul-20	00:40:52
57	57 200714M1_57	B0G0030-BLK1 Method Blank 1	15-Jul-20	00:51:16
58	58 200714M1_58	B0G0030-BS1 OPR 1	15-Jul-20	01:01:41
59	59 200714M1_59	B0G0030-MS1 Matrix Spike 1.03	15-Jul-20	01:12:06
60	60 200714M1_60	B0G0030-MSD1 Matrix Spike Dup 1.04	15-Jul-20	01:22:31
61	61 200714M1_61	2001407-01 AST Waste-PFAS 1.03	15-Jul-20	01:32:56
62	62 200714M1_62	IB	15-Jul-20	01:43:20
63	63 200714M1_63	ST200714M1-13 PFC CS0 20F1903	15-Jul-20	01:53:45
64	64 200714M1_64	IB	15-Jul-20	02:04:09
65	65 200714M1_65	2001408-01 UST 52 Waste-PFAS 1.18	15-Jul-20	02:14:31
66	66 200714M1_66	2001362-04@20X GMW-24 0.25105	15-Jul-20	02:24:53
67	67 200714M1_67	B0G0034-BLK1 Method Blank 0.25	15-Jul-20	02:35:16
68	68 200714M1_68	B0G0034-BS1 OPR 0.25	15-Jul-20	02:45:38

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Last Altered: Wednesday, July 15, 2020 12:28:06 Pacific Daylight Time
 Printed: Wednesday, July 15, 2020 12:29:07 Pacific Daylight Time

Compound name: PFBA

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70	70 200714M1_70	B0G0034-MSD1 Matrix Spike Dup 0.2446	15-Jul-20	03:06:22
71	71 200714M1_71	B0G0034-MS2 Matrix Spike 0.24593	15-Jul-20	03:16:44
72	72 200714M1_72	B0G0034-MSD2 Matrix Spike Dup 0.25788	15-Jul-20	03:27:07
73	73 200714M1_73	2001409-01 EB02-20200701 0.24388	15-Jul-20	03:37:29
74	74 200714M1_74	2001409-02 IS72MW16DR-20200701 0.23645	15-Jul-20	03:47:51
75	75 200714M1_75	2001409-03 IS72MW15D-20200701 0.25566	15-Jul-20	03:58:13
76	76 200714M1_76	2001409-04 222MW09D-20200701 0.24708	15-Jul-20	04:08:35
77	77 200714M1_77	2001409-05 DUP02-20200701 0.25888	15-Jul-20	04:18:57
78	78 200714M1_78	2001409-06 IS72MW17D-20200701 0.24802	15-Jul-20	04:29:20
79	79 200714M1_79	2001409-07 DUP03-20200701 0.24473	15-Jul-20	04:39:42
80	80 200714M1_80	2001409-08 I003MW01D-20200701 0.25006	15-Jul-20	04:50:05
81	81 200714M1_81	2001409-09 I003MW02D-20200701 0.25658	15-Jul-20	05:00:27
82	82 200714M1_82	IB	15-Jul-20	05:10:49
83	83 200714M1_83	ST200714M1-14 PFC CS3 20F1906	15-Jul-20	05:21:11
84	84 200714M1_84	IB	15-Jul-20	05:31:33
85	85 200714M1_85	2001409-10 DUP04-20200701 0.24995	15-Jul-20	05:41:58
86	86 200714M1_86	2001409-11 I003MW05D-20200701 0.23646	15-Jul-20	05:52:23
87	87 200714M1_87	2001409-12 EB03-20200702 0.24201	15-Jul-20	06:02:45
88	88 200714M1_88	2001409-13 TW07D-20200702 0.26983	15-Jul-20	06:13:08
89	89 200714M1_89	2001409-14 TW05D-20200702 0.25976	15-Jul-20	06:23:29
90	90 200714M1_90	2001400-01 30/10 F PM 0.1974	15-Jul-20	06:33:52
91	91 200714M1_91	2001400-02 30/10 PFA PM 0.19799	15-Jul-20	06:44:14
92	92 200714M1_92	2001400-03 120/10 F PM 0.19557	15-Jul-20	06:54:36
93	93 200714M1_93	2001400-04 120/10 PFA PM 0.18942	15-Jul-20	07:04:58
94	94 200714M1_94	2001400-05 NAC F PM 0.25304	15-Jul-20	07:15:21
95	95 200714M1_95	2001400-06 NAC PFA PM 0.24487	15-Jul-20	07:25:43
96	96 200714M1_96	IB	15-Jul-20	07:36:05
97	97 200714M1_97	ST200714M1-15 PFC CS3 20F1906	15-Jul-20	07:46:28
98	98 200714M1_98	IB	15-Jul-20	07:56:50
99	99 200714M1_99	B0G0049-BS2 OPR 2	15-Jul-20	08:07:15
100	100 200714M1_100	B0G0048-BS2 OPR 0.125	15-Jul-20	08:17:39
101	101 200714M1_101	B0G0095-BLK1@1000X Method Blank 0.001	15-Jul-20	08:28:04
102	102 200714M1_102	B0G0095-BS1@1000X OPR 0.001	15-Jul-20	08:38:26
103	103 200714M1_103	2001427-01@1000X Phase 4 Sample 1 0.00102	15-Jul-20	08:48:51
104	104 200714M1_104	2001427-02@1000X Phase 4, Sample 4 0.00103	15-Jul-20	08:59:16

Dataset: Untitled

Last Altered: Wednesday, July 15, 2020 12:28:06 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:29:07 Pacific Daylight Time

Compound name: PFBA

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105	105 200714M1_105	2001427-03@1000X Phase 4, Sample 7 0.00102	15-Jul-20	09:09:41
106	106 200714M1_106	2001382-01RE1@100X(1:10) FC2006101400DB 0.00101	15-Jul-20	09:20:05
107	107 200714M1_107	2001382-03RE1@100X(1:10) FC2006101440DB 0.001	15-Jul-20	09:30:31
108	108 200714M1_108	IB	15-Jul-20	09:40:55
109	109 200714M1_109	ST200714M1-16 PFC CS3 20F1906	15-Jul-20	09:51:20
110	110 200714M1_110	IB	15-Jul-20	10:01:44

Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-83.qld

Last Altered: Wednesday, July 15, 2020 12:00:55 Pacific Daylight Time

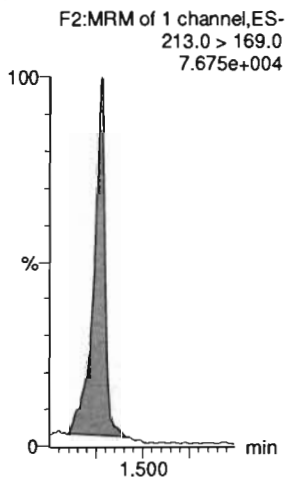
Printed: Wednesday, July 15, 2020 12:23:13 Pacific Daylight Time

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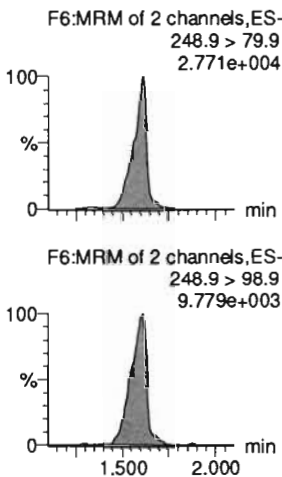
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_83, Date: 15-Jul-2020, Time: 05:21:11, ID: ST200714M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

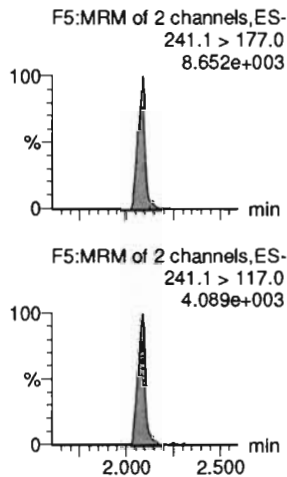
PFBA



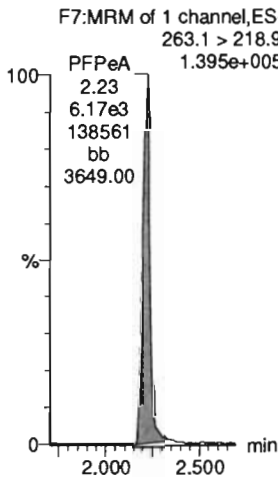
PFPrS



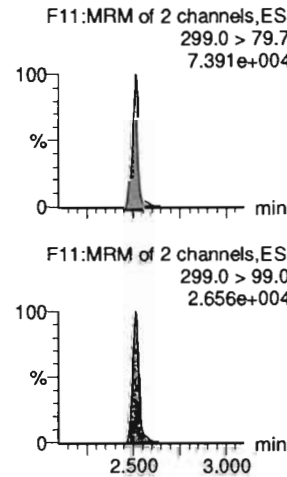
3:3 FTCA



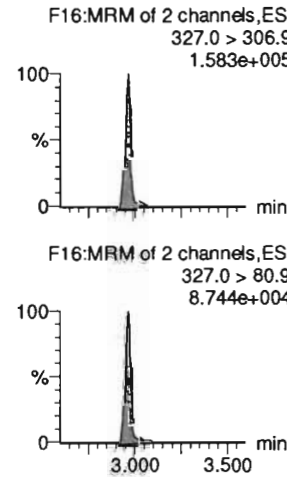
PFPeA



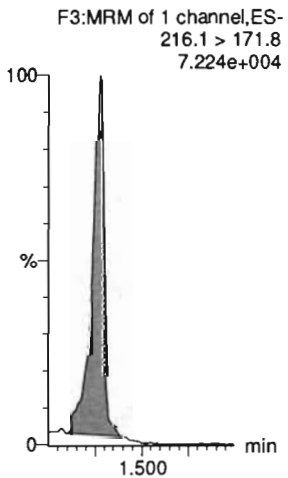
PFBS



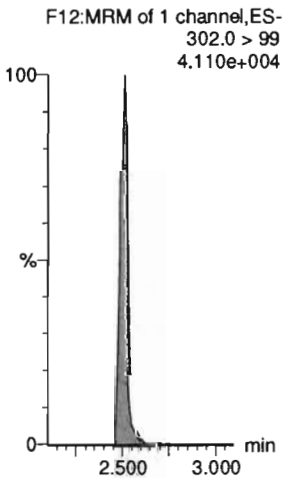
4:2 FTS



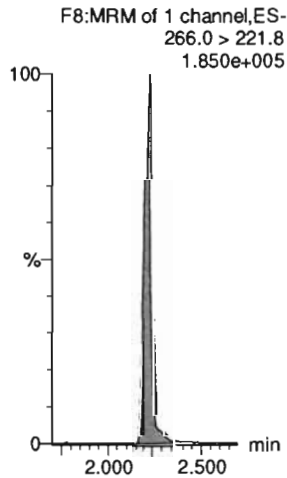
13C3-PFBA-EIS



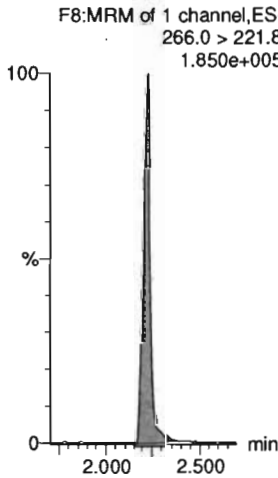
13C3-PFBS-EIS



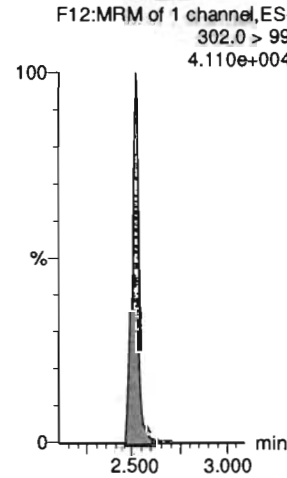
13C3-PFPeA-EIS



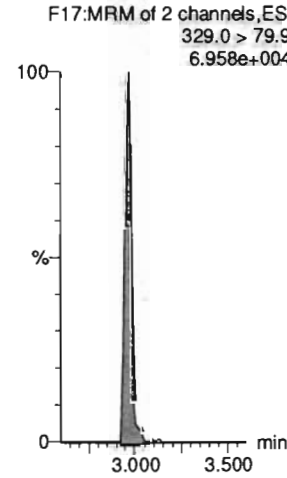
13C3-PFPeA-EIS



13C3-PFBS-EIS



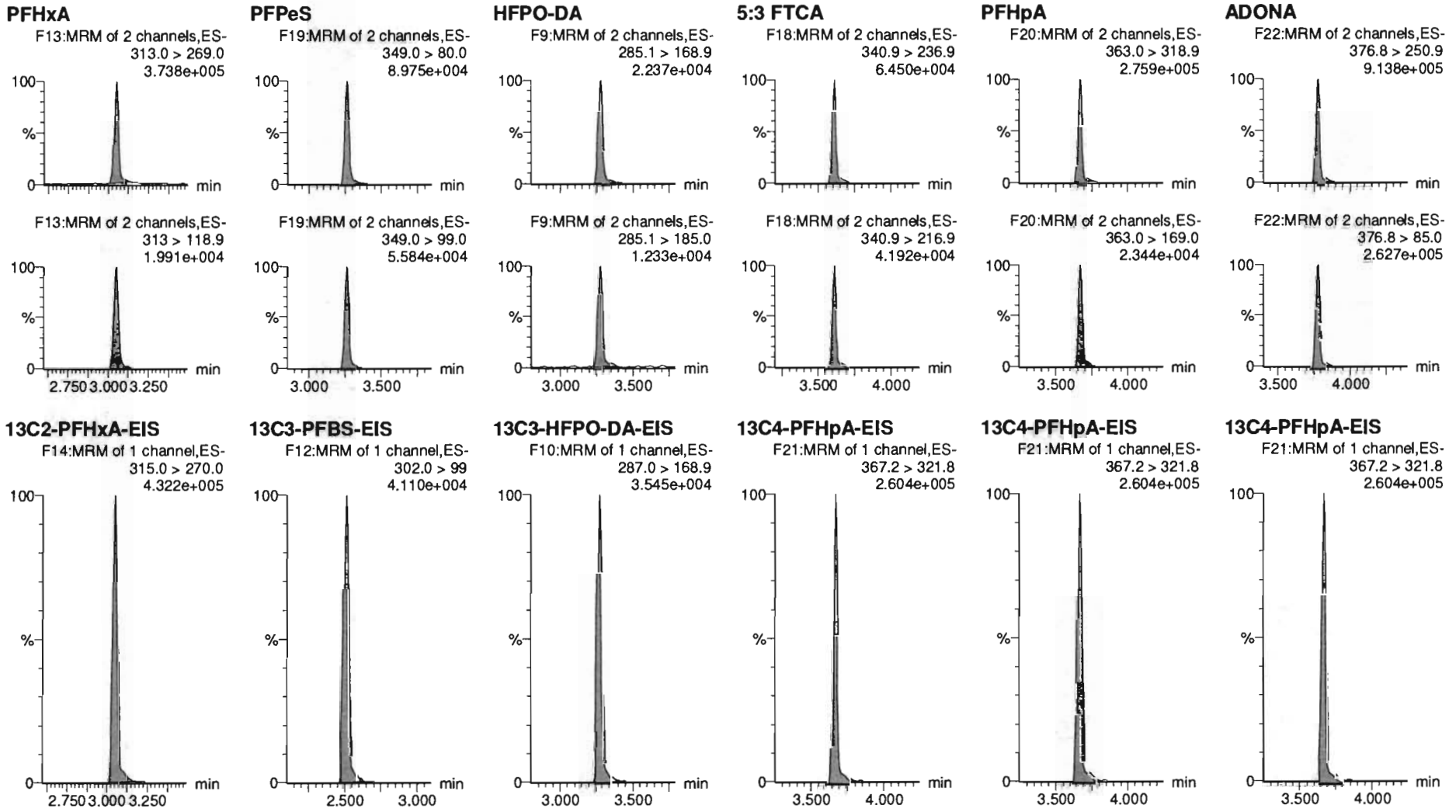
13C2-4:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-83.qld

Last Altered: Wednesday, July 15, 2020 12:00:55 Pacific Daylight Time
Printed: Wednesday, July 15, 2020 12:23:13 Pacific Daylight Time

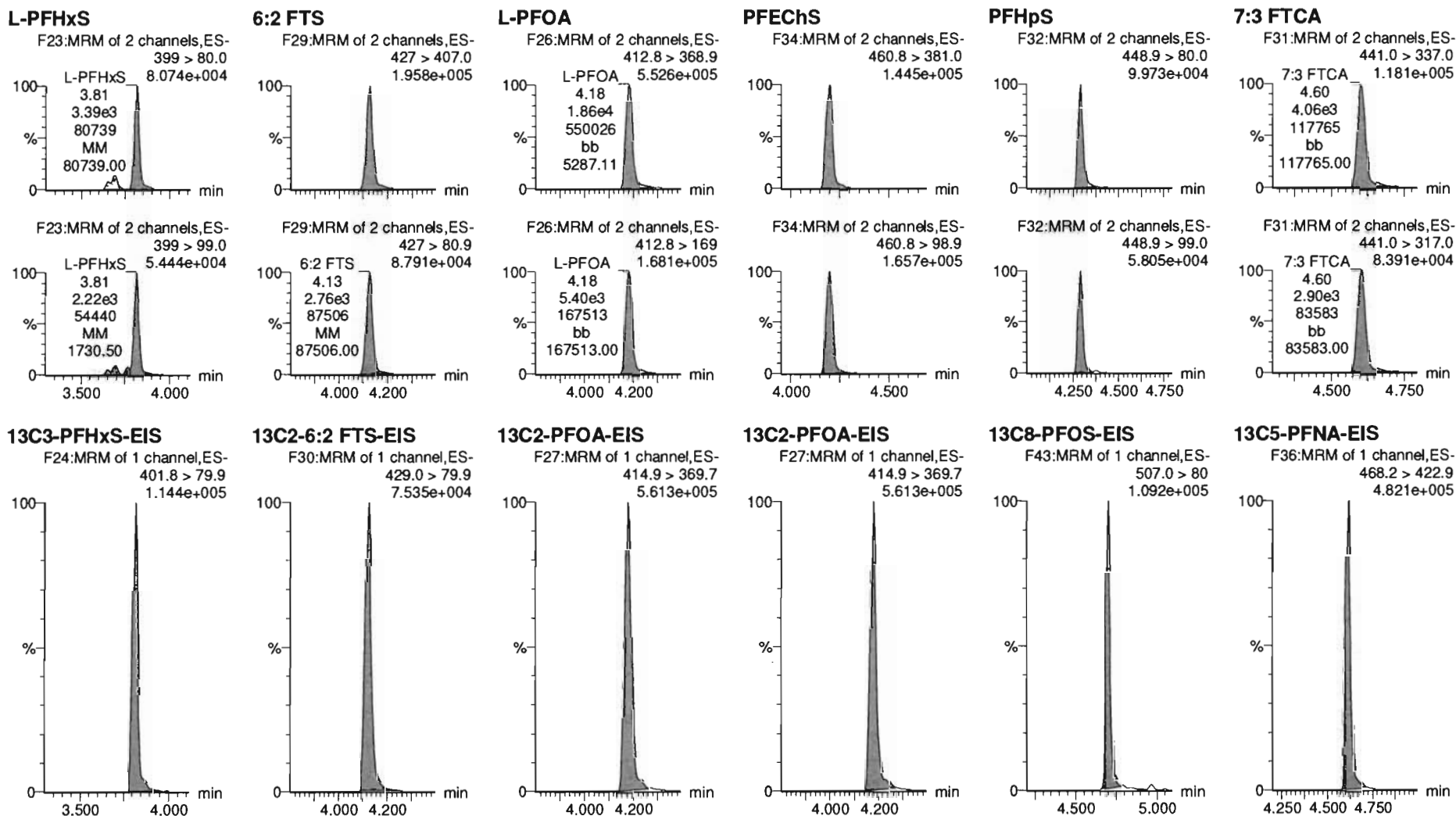
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Printed: Wednesday, July 15, 2020 12:23:13 Pacific Daylight Time

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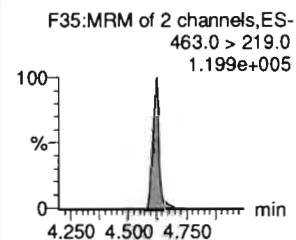
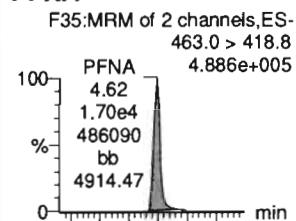
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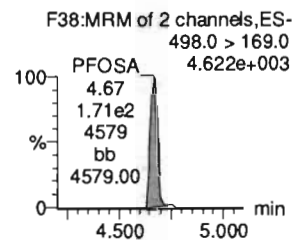
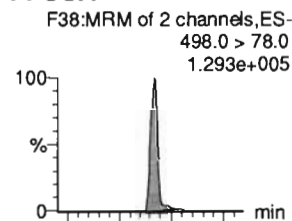
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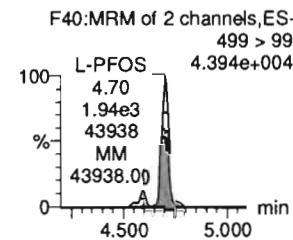
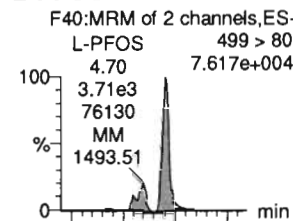
PFNA



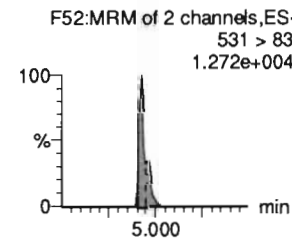
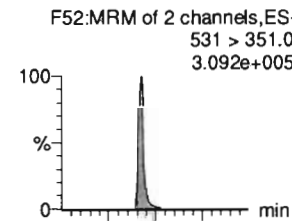
PFOSA



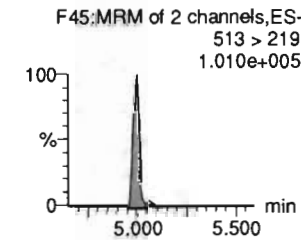
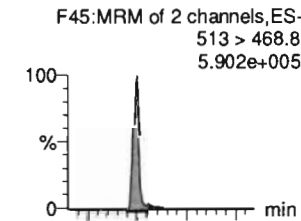
L-PFOS



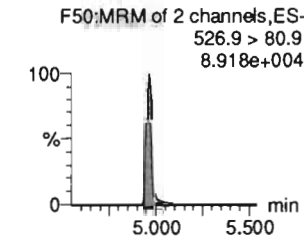
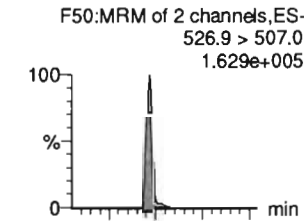
9CI-PF30NS



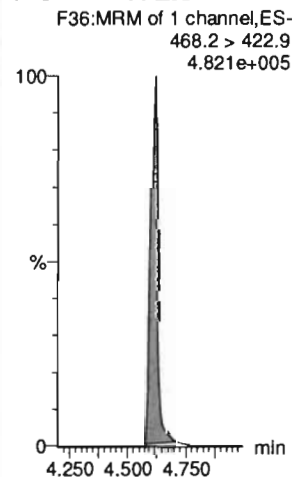
PFDA



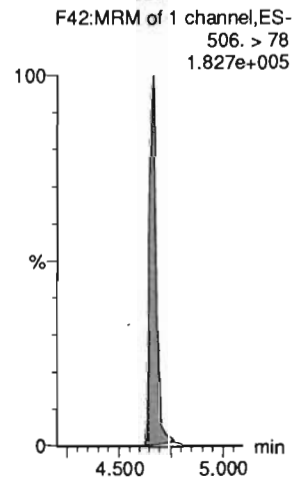
8:2 FTS



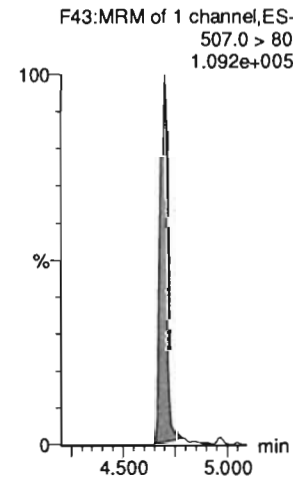
13C5-PFNA-EIS



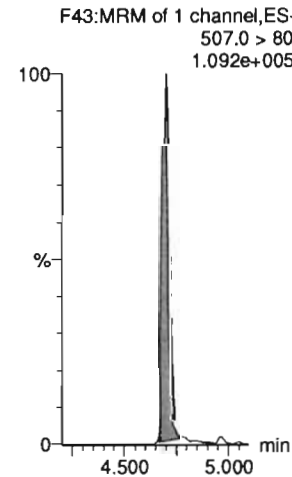
13C8-PFOA-EIS



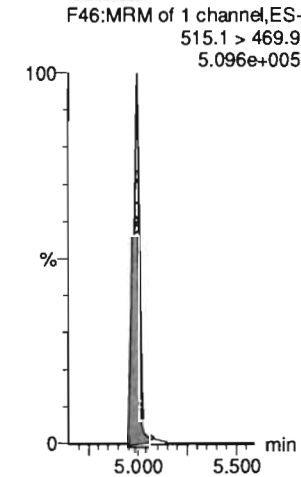
13C8-PFOS-EIS



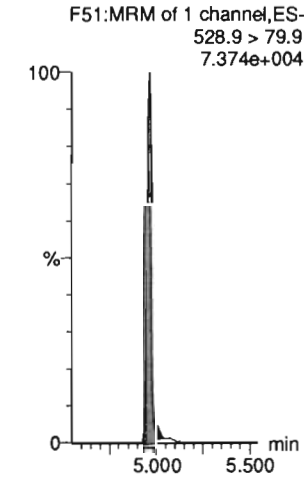
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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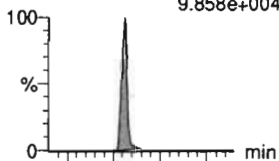
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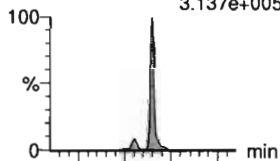
PFNS

F54:MRM of 2 channels,ES-
548.9 > 79.9
9.858e+004



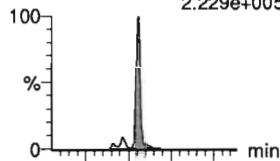
L-MeFOSAA

F57:MRM of 2 channels,ES-
570 > 419
3.137e+005



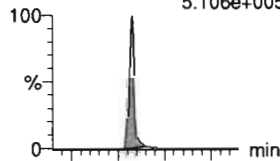
L-EtFOSAA

F60:MRM of 2 channels,ES-
583.9 > 419
2.229e+005



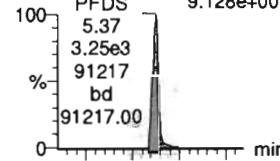
PFUdA

F55:MRM of 2 channels,ES-
563.0 > 518.9
5.106e+005



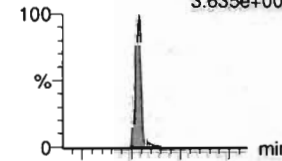
PFDS

F62:MRM of 2 channels,ES-
599.0 > 80.0
9.128e+004

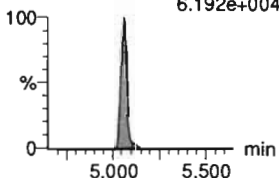


11Cl-PF30UdS

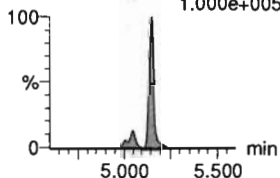
F69:MRM of 2 channels,ES-
630.9 > 450.9
3.635e+005



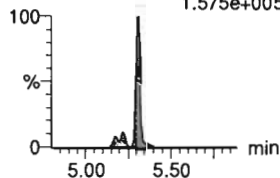
F54:MRM of 2 channels,ES-
548.9 > 98.9
6.192e+004



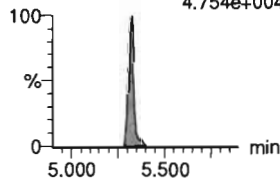
F57:MRM of 2 channels,ES-
570 > 512
1.000e+005



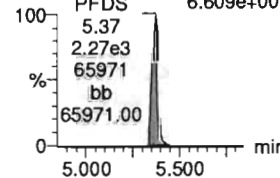
F60:MRM of 2 channels,ES-
583.9 > 526
1.575e+005



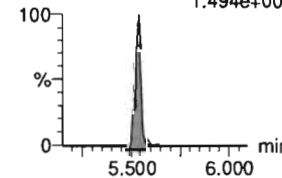
F55:MRM of 2 channels,ES-
563.0 > 269
4.754e+004



F62:MRM of 2 channels,ES-
599.0 > 99.0
6.609e+004

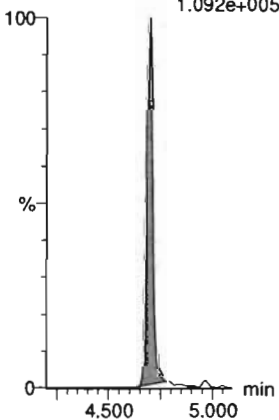


F69:MRM of 2 channels,ES-
630.9 > 83.
1.494e+004



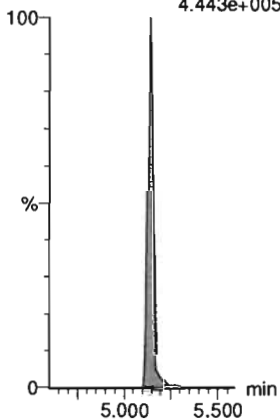
13C8-PFOS-EIS

F43:MRM of 1 channel,ES-
507.0 > 80
1.092e+005



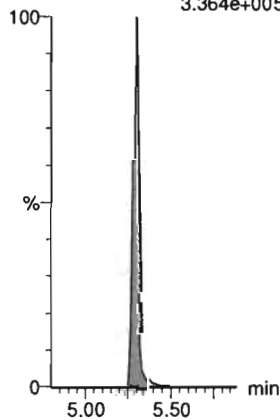
d3-N-MeFOSAA-EIS

F59:MRM of 1 channel,ES-
573. > 419
4.443e+005



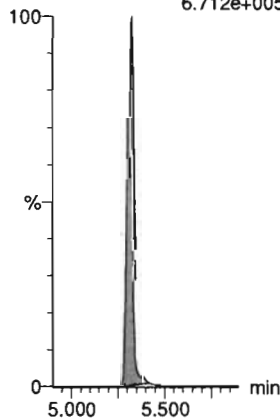
d5-N-EtFOSAA-EIS

F61:MRM of 1 channel,ES-
589. > 419
3.364e+005



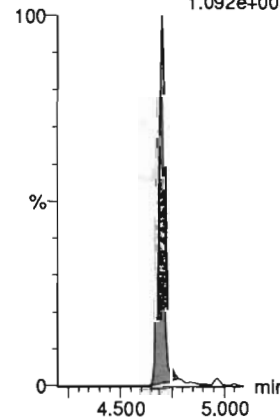
13C2-PFUdA-EIS

F56:MRM of 1 channel,ES-
565 > 519.8
6.712e+005



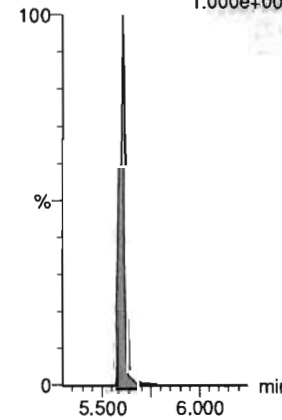
13C8-PFOS-EIS

F43:MRM of 1 channel,ES-
507.0 > 80
1.092e+005



13C2-PFDoA-EIS

F64:MRM of 1 channel,ES-
615 > 570
1.000e+006

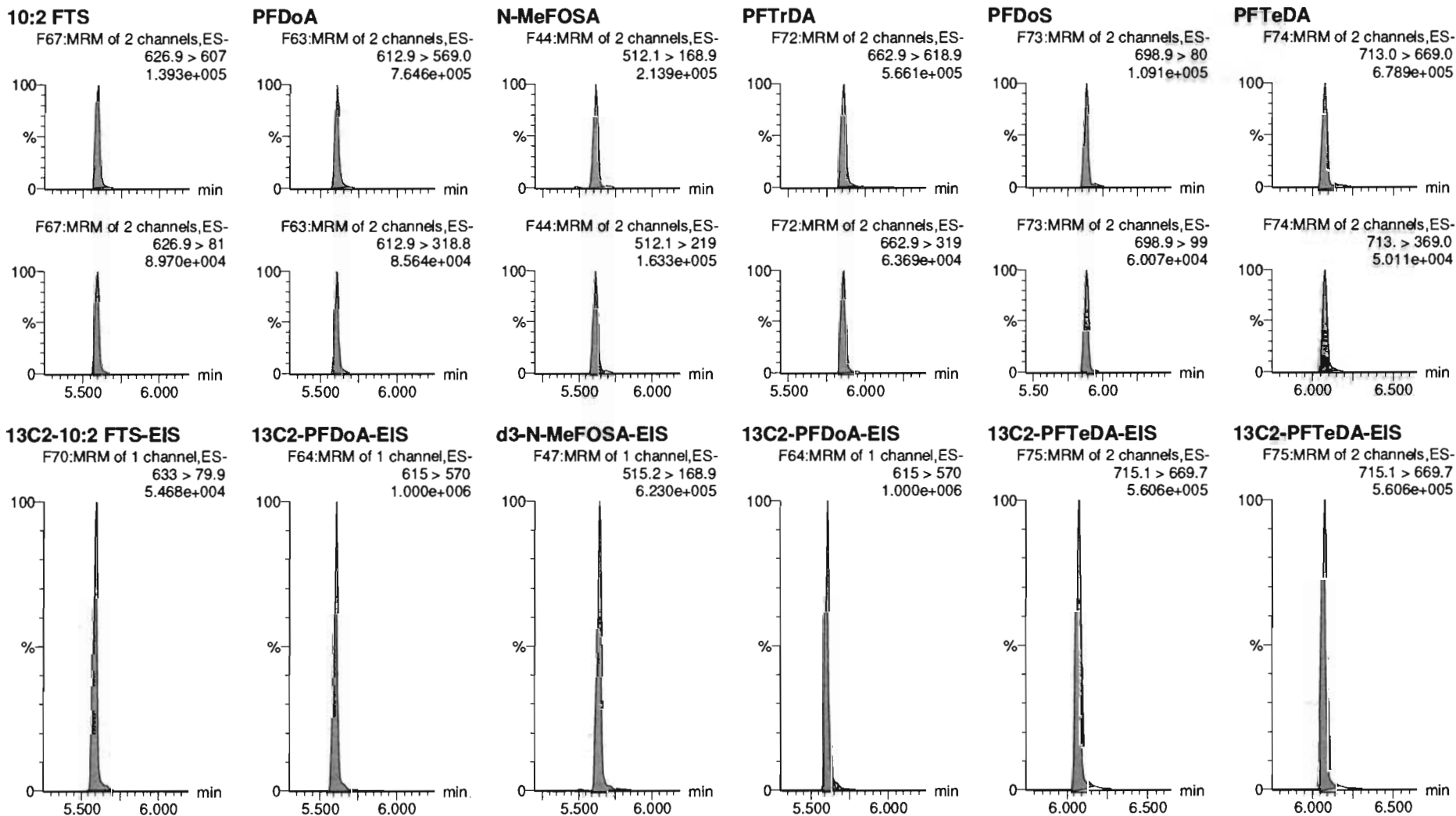


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-83.qld

Last Altered: Wednesday, July 15, 2020 12:00:55 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:23:13 Pacific Daylight Time

Name: 200714M1_83, Date: 15-Jul-2020, Time: 05:21:11, ID: ST200714M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

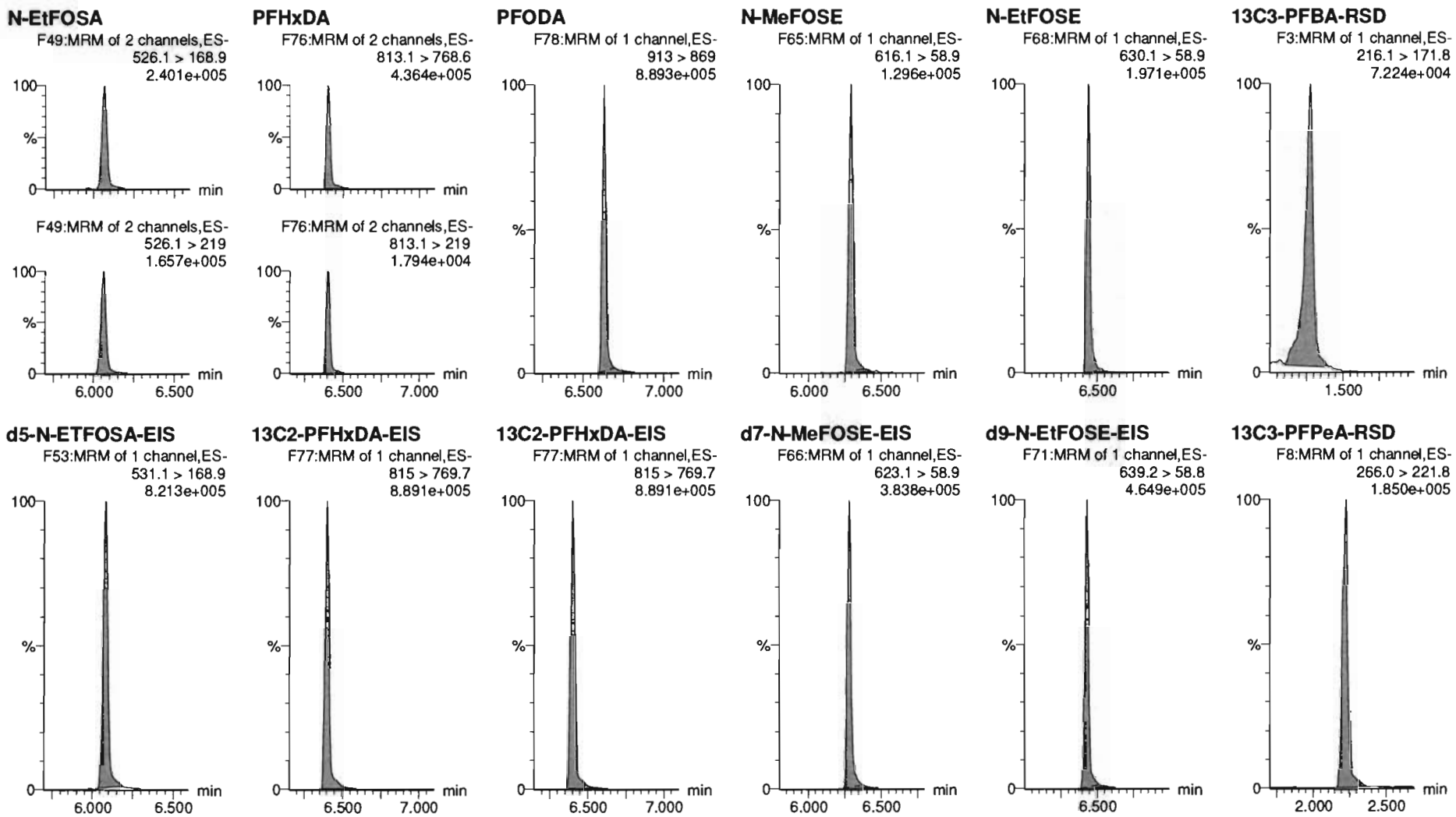


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-83.qld

Last Altered: Wednesday, July 15, 2020 12:00:55 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:23:13 Pacific Daylight Time

Name: 200714M1_83, Date: 15-Jul-2020, Time: 05:21:11, ID: ST200714M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-83.qld

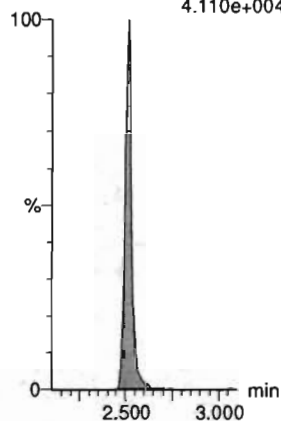
Last Altered: Wednesday, July 15, 2020 12:00:55 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:23:13 Pacific Daylight Time

Name: 200714M1_83, Date: 15-Jul-2020, Time: 05:21:11, ID: ST200714M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

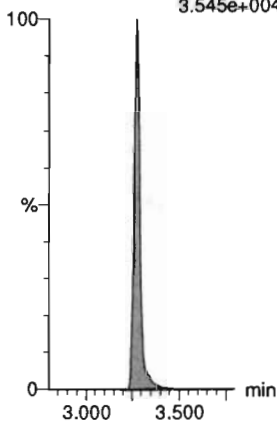
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
4.110e+004



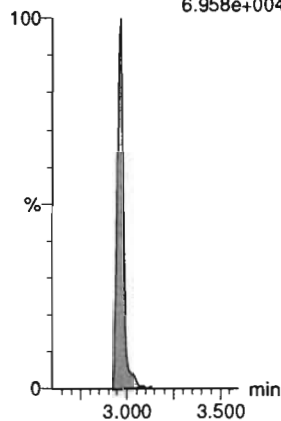
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.545e+004



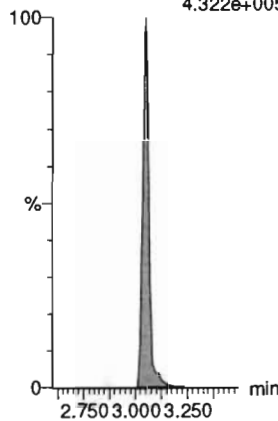
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.958e+004



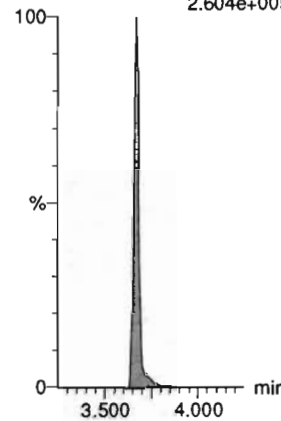
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
4.322e+005



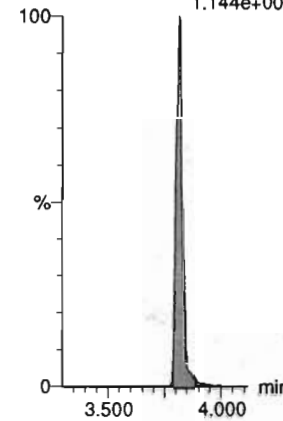
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.604e+005



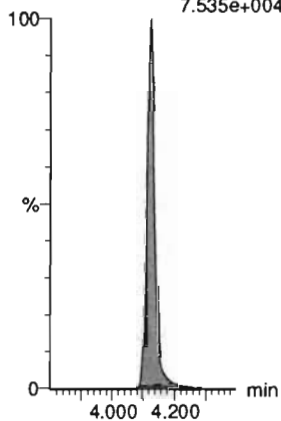
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.144e+005



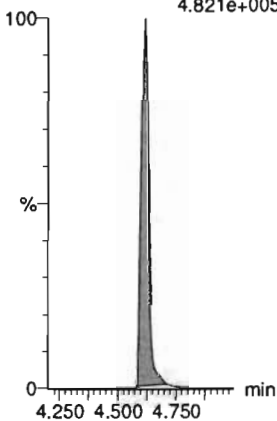
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
7.535e+004



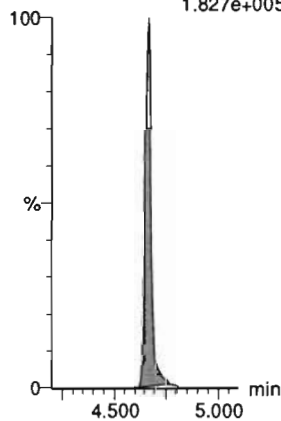
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.821e+005



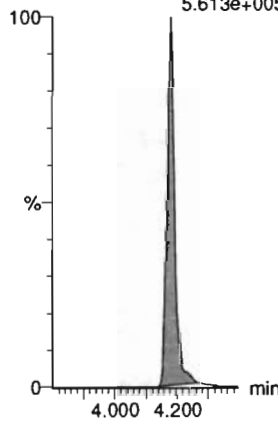
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.827e+005



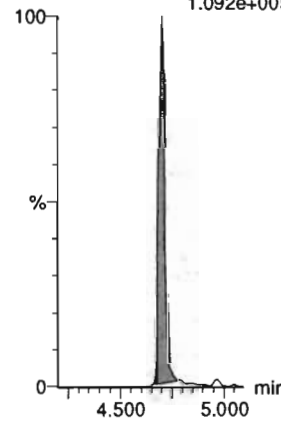
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.613e+005



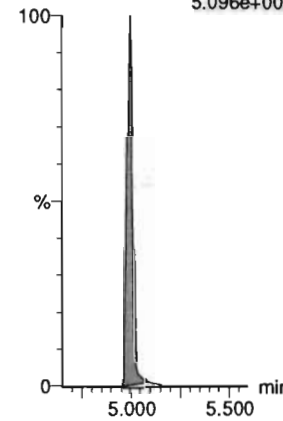
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.092e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
5.096e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-83.qld

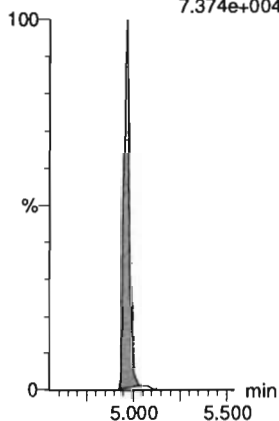
Last Altered: Wednesday, July 15, 2020 12:00:55 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:23:13 Pacific Daylight Time

Name: 200714M1_83, Date: 15-Jul-2020, Time: 05:21:11, ID: ST200714M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

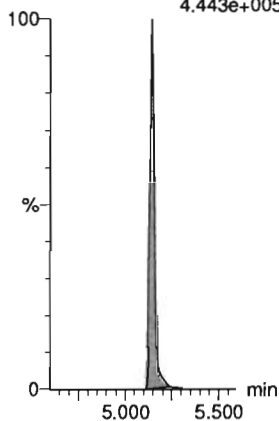
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
7.374e+004



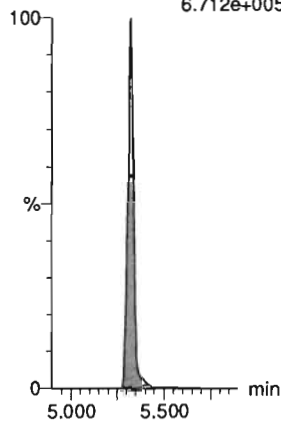
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.443e+005



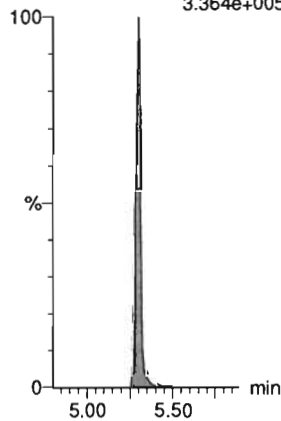
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.712e+005



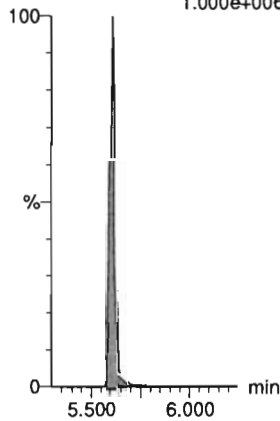
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.364e+005



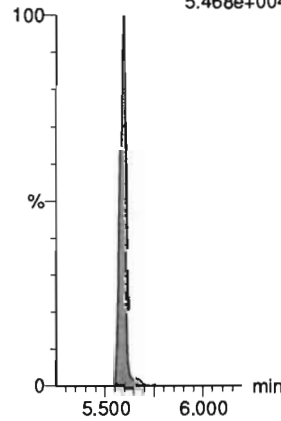
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
1.000e+006



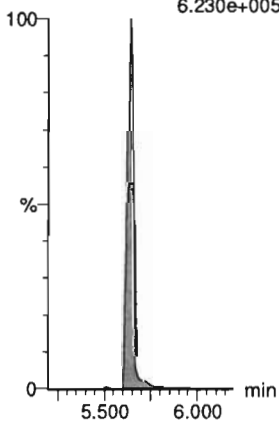
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.468e+004



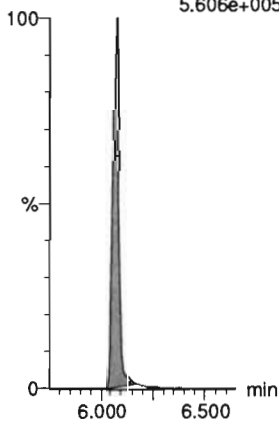
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
6.230e+005



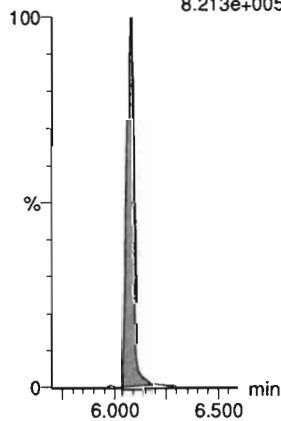
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.606e+005



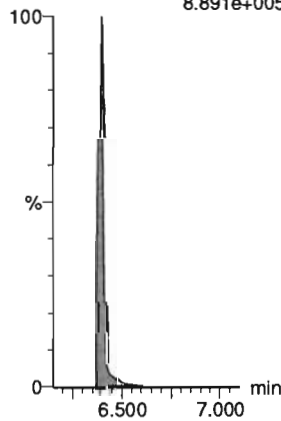
d5-N-ETFOsa-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
8.213e+005



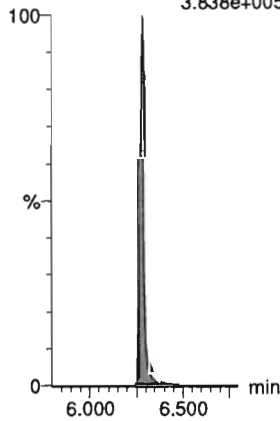
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.891e+005



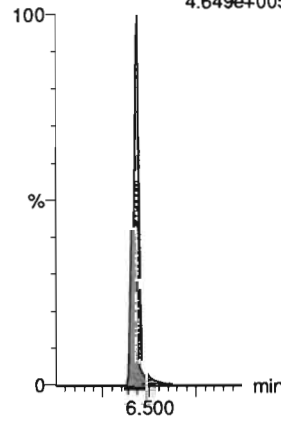
d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.838e+005



d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.649e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-83.qld

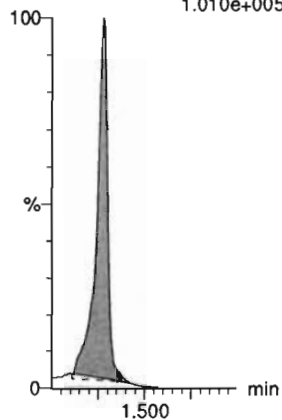
Last Altered: Wednesday, July 15, 2020 12:00:55 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:23:13 Pacific Daylight Time

Name: 200714M1_83, Date: 15-Jul-2020, Time: 05:21:11, ID: ST200714M1-14 PFC CS3 20F1906, Description: PFC CS3 20F1906

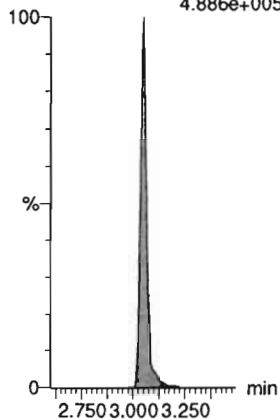
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
1.010e+005



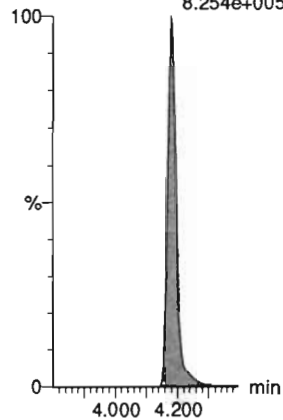
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.886e+005



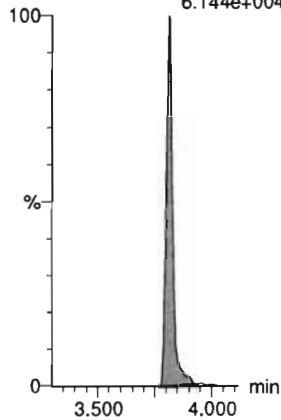
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
8.254e+005



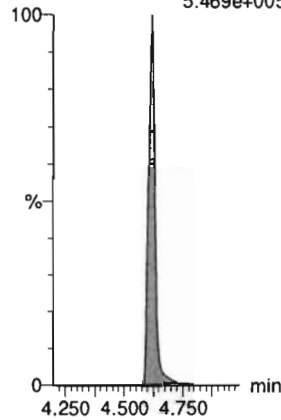
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
6.144e+004



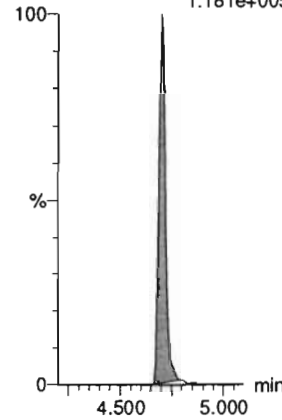
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
5.469e+005



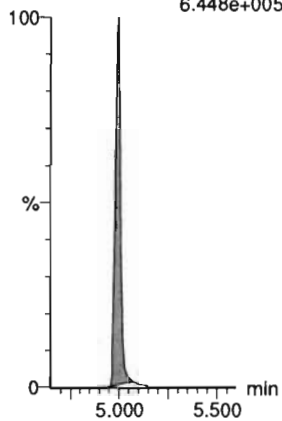
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.181e+005



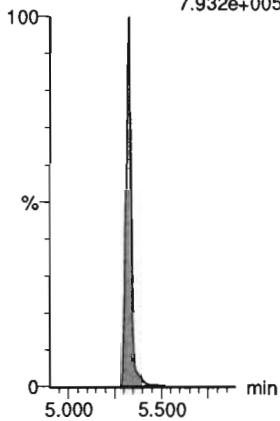
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
6.448e+005



13C7-PFUDa

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.932e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-97.qld

Last Altered: Wednesday, July 15, 2020 12:12:07 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:21:05 Pacific Daylight Time

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7/15/2020

Name: 200714M1_97, Date: 15-Jul-2020, Time: 07:46:28, ID: ST200714M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	5281.173	5005.821	1.00	1.28	13.188	10.000	9.33	93.3	NO		
2	2 PFPrS	248.9 > 79.9	2289.656	1840.827	1.00	1.62	15.548	10.000	9.12	91.2	NO	2.302	NO
3	3 3:3 FTCA	241.1 > 177.0	420.179	8199.401	1.00	2.09	0.641	10.000	9.64	96.4	NO	2.343	NO
4	4 PFPeA	263.1 > 218.9	6209.183	8199.401	1.00	2.23	9.466	10.000	10.2	101.7	NO		
5	5 PFBS	299.0 > 79.7	2770.065	1840.827	1.00	2.52	18.810	10.000	9.68	96.8	NO	2.645	NO
6	6 4:2 FTS	327.0 > 306.9	6178.038	2982.907	1.00	2.96	25.889	10.000	9.37	93.7	NO	1.937	NO
7	47 13C3-PFBA-EIS	216.1 > 171.8	5005.821		1.00	1.28	5005.821	12.500	11.3	90.1	NO		
8	51 13C3-PFBS-EIS	302.0 > 99	1840.827		1.00	2.51	1840.827	12.500	14.5	115.7	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8	8199.401		1.00	2.23	8199.401	12.500	13.8	110.1	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8	8199.401		1.00	2.23	8199.401	12.500	13.8	110.1	NO		
11	51 13C3-PFBS-EIS	302.0 > 99	1840.827		1.00	2.51	1840.827	12.500	14.5	115.7	NO		
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9	2982.907		1.00	2.96	2982.907	12.500	13.9	111.4	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0	13176.479	15441.613	1.00	3.05	10.666	10.000	10.3	102.6	NO	16.782	NO
15	8 PFPeS	349.0 > 80.0	3286.101	1840.827	1.00	3.26	22.314	10.000	9.82	98.2	NO	1.798	NO
16	9 HFPO-DA	285.1 > 168.9	977.805	1262.430	1.00	3.27	9.682	10.000	9.53	95.3	NO	2.631	NO
17	10 5:3 FTCA	340.9 > 236.9	2274.117	8754.555	1.00	3.61	3.247	10.000	9.84	98.4	NO	1.560	NO
18	11 PFHpA	363.0 > 318.9	9252.424	8754.555	1.00	3.67	13.211	10.000	10.4	104.1	NO	11.682	NO
19	12 ADONA	376.8 > 250.9	32654.541	8754.555	1.00	3.78	46.625	10.000	10.1	101.0	NO	3.626	NO
20	57 13C2-PFHxA-EIS	315.0 > 270.0	15441.613		1.00	3.05	15441.613	12.500	13.4	107.0	NO		
21	51 13C3-PFBS-EIS	302.0 > 99	1840.827		1.00	2.51	1840.827	12.500	14.5	115.7	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	1262.430		1.00	3.27	1262.430	12.500	12.5	100.0	NO		
23	59 13C4-PFHpA-EIS	367.2 > 321.8	8754.555		1.00	3.67	8754.555	12.500	12.7	102.0	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8	8754.555		1.00	3.67	8754.555	12.500	12.7	102.0	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8	8754.555		1.00	3.67	8754.555	12.500	12.7	102.0	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0	3599.493	4136.558	1.00	3.81	10.877	10.000	9.74	97.4	NO	1.655	NO
28	15 6:2 FTS	427 > 407.0	6164.945	2571.460	1.00	4.13	29.968	10.000	9.48	94.8	NO	2.332	NO
29	16 L-PFOA	412.8 > 368.9	21078.229	17630.092	1.00	4.18	14.945	10.000	10.4	103.9	NO	4.006	NO
30	18 PFecHS	460.8 > 381.0	5900.390	17630.092	1.00	4.19	4.183	10.000	9.81	98.1	NO	0.892	NO
31	19 PFHpS	448.9 > 80.0	3554.428	4816.602	1.00	4.29	9.224	10.000	10.6	106.4	NO	2.178	NO
32	20 7:3 FTCA	441.0 > 337.0	3947.642	17574.289	1.00	4.60	2.808	10.000	8.63	86.3	NO	1.358	NO
33	61 13C3-PFHxS-EIS	401.8 > 79.9	4136.558		1.00	3.81	4136.558	12.500	13.0	103.6	NO		
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9	2571.460		1.00	4.13	2571.460	12.500	13.5	108.3	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7	17630.092		1.00	4.18	17630.092	12.500	12.6	101.1	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7	17630.092		1.00	4.18	17630.092	12.500	12.6	101.1	NO		

Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-97.qld

Last Altered: Wednesday, July 15, 2020 12:12:07 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 12:21:05 Pacific Daylight Time

Name: 200714M1_97, Date: 15-Jul-2020, Time: 07:46:28, ID: ST200714M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	4816.602		1.00	4.70	4816.602	12.500	13.3	106.7	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	17574.289		1.00	4.62	17574.289	12.500	12.4	99.2	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	18235.934	17574.289	1.00	4.62	12.971	10.000	11.1	110.6	NO	4.080	NO
41	22 PFOSA	498.0 > 78.0	5160.965	6449.310	1.00	4.67	10.003	10.000	9.42	94.2	NO	30.792	NO
42	23 L-PFOS	499 > 80	3651.908	4816.602	1.00	4.70	9.477	10.000	9.41	94.1	NO	2.060	NO
43	25 9Cl-PF30NS	531 > 351.0	14172.723	4816.602	1.00	4.93	36.781	10.000	10.4	104.1	NO	22.143	NO
44	26 PFDA	513 > 468.8	20765.248	17849.984	1.00	5.00	14.542	10.000	10.2	102.1	NO	5.645	NO
45	27 8:2 FTS	526.9 > 507.0	5462.675	2544.422	1.00	4.97	26.837	10.000	10.7	107.2	NO	1.712	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	17574.289		1.00	4.62	17574.289	12.500	12.4	99.2	NO		
47	67 13C8-PFOSA-EIS	506. > 78	6449.310		1.00	4.67	6449.310	12.500	12.4	99.0	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	4816.602		1.00	4.70	4816.602	12.500	13.3	106.7	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	4816.602		1.00	4.70	4816.602	12.500	13.3	106.7	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	17849.984		1.00	5.00	17849.984	12.500	13.2	105.8	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2544.422		1.00	4.97	2544.422	12.500	13.6	108.8	NO		
52	-1												
53	28 PFNS	548.9 > 79.9	3614.095	4816.602	1.00	5.06	9.379	10.000	9.21	92.1	NO	1.528	NO
54	29 L-MeFOSAA	570 > 419	9779.597	14204.347	1.00	5.15	8.606	10.000	9.12	91.2	NO	2.559	NO
55	31 L-EiFOSAA	583.9 > 419	9345.877	13272.950	1.00	5.31	8.802	10.000	9.72	97.2	NO	1.424	NO
56	33 PFUdA	563.0 > 518.9	18583.789	26676.738	1.00	5.32	8.708	10.000	9.44	94.4	NO	9.822	NO
57	34 PFDS	599.0 > 80.0	3015.020	4816.602	1.00	5.37	7.825	10.000	9.49	94.9	NO	1.336	NO
58	35 11Cl-PF30UdS	630.9 > 450.9	13594.948	30558.719	1.00	5.54	5.561	10.000	10.3	103.3	NO	23.516	NO
59	73 13C8-PFOS-EIS	507.0 > 80	4816.602		1.00	4.70	4816.602	12.500	13.3	106.7	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	14204.347		1.00	5.15	14204.347	12.500	13.9	110.9	NO		
61	83 d5-N-EiFOSAA-EIS	589. > 419	13272.950		1.00	5.30	13272.950	12.500	13.8	110.1	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	26676.738		1.00	5.32	26676.738	12.500	13.4	107.0	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	4816.602		1.00	4.70	4816.602	12.500	13.3	106.7	NO		
64	85 13C2-PFDoA-EIS	615 > 570	30558.719		1.00	5.61	30558.719	12.500	13.8	110.5	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	4712.622	1830.962	1.00	5.60	32.173	10.000	9.86	98.6	NO	1.542	NO
67	37 PFDoA	612.9 > 569.0	23121.602	30558.719	1.00	5.61	9.458	10.000	9.50	95.0	NO	8.583	NO
68	38 N-MeFOSA	512.1 > 168.9	7480.924	21239.383	1.00	5.61	52.551	50.000	53.8	107.6	NO	1.392	NO
69	39 PFTrDA	662.9 > 618.9	22317.818	30558.719	1.00	5.86	9.129	10.000	9.95	99.5	NO	8.827	NO
70	40 PFDoS	698.9 > 80	3997.101	18899.355	1.00	5.88	2.644	10.000	9.87	98.7	NO	1.866	NO
71	41 PFTeDA	713.0 > 669.0	22330.111	18899.355	1.00	6.08	14.769	10.000	9.42	94.2	NO	12.212	NO
72	87 13C2-10:2 FTS-EIS	633 > 79.9	1830.962		1.00	5.59	1830.962	12.500	12.1	96.9	NO		

FBR 7/15/2020

Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-97.qld

Last Altered: Wednesday, July 15, 2020 12:12:07 Pacific Daylight Time

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Name: 200714M1_97, Date: 15-Jul-2020, Time: 07:46:28, ID: ST200714M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFDoA-EIS	615 > 570	30558.719		1.00	5.61	30558.719	12.500	13.8	110.5	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	21239.383		1.00	5.64	21239.383	149.200	152	101.8	NO		
75	85 13C2-PFDoA-EIS	615 > 570	30558.719		1.00	5.61	30558.719	12.500	13.8	110.5	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	18899.355		1.00	6.07	18899.355	12.500	12.3	98.4	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	18899.355		1.00	6.07	18899.355	12.500	12.3	98.4	NO		
78	-1												
79	42 N-EiFOSA	526.1 > 168.9	8825.438	30553.969	1.00	6.06	43.096	50.000	50.4	100.7	NO	1.467	NO
80	43 PFHxDA	813.1 > 768.6	14348.718	29826.771	1.00	6.40	6.013	10.000	10.4	104.5	NO	24.770	NO
81	44 PFODA	913 > 869	24612.598	29826.771	1.00	6.63	10.315	10.000	10.4	103.7	NO		
82	45 N-MeFOSE	616.1 > 58.9	4596.810	13065.524	1.00	6.29	52.493	50.000	51.2	102.5	NO		
83	46 N-EiFOSE	630.1 > 58.9	5763.576	15836.339	1.00	6.44	54.301	50.000	50.8	101.5	NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	5005.821	7079.054	1.00	1.28	8.839	12.500	12.7	101.4	NO		
85	93 d5-N-ETFOSA-EIS	531.1 > 168.9	30553.969		1.00	6.08	30553.969	149.200	164	110.0	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	29826.771		1.00	6.40	29826.771	12.500	13.1	105.1	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	29826.771		1.00	6.40	29826.771	12.500	13.1	105.1	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	13065.524		1.00	6.28	13065.524	149.200	136	91.3	NO		
89	99 d9-N-EiFOSE-EIS	639.2 > 58.8	15836.339		1.00	6.43	15836.339	149.200	162	108.7	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	8199.401	16617.027	1.00	2.23	6.168	12.500	13.0	104.3	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1845.432	2357.508	1.00	2.51	9.785	12.500	12.6	100.7	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	1262.430	16617.027	1.00	3.27	0.950	12.500	13.2	105.3	NO		
94	56 13C2-4:2 FTS-RSD	329.0 > 79.9	2982.907	2357.508	1.00	2.96	15.816	12.500	13.2	105.6	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	15461.279	16617.027	1.00	3.05	11.631	12.500	13.3	106.4	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	8754.555	16617.027	1.00	3.67	6.586	12.500	12.7	101.2	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	4136.558	2357.508	1.00	3.81	21.933	12.500	12.4	99.5	NO		
98	64 13C2-6:2 FTS-RSD	429.0 > 79.9	2571.460	4619.155	1.00	4.13	6.959	12.500	12.8	102.6	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	17574.289	18377.150	1.00	4.62	11.954	12.500	12.8	102.5	NO		
100	68 13C8-PFOSA-RSD	506. > 78	6448.509	28391.738	1.00	4.67	2.839	12.500	11.8	94.1	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	17630.092	26057.852	1.00	4.18	8.457	12.500	12.4	99.0	NO		
102	74 13C8-PFOS-RSD	507.0 > 80	4816.602	4619.155	1.00	4.70	13.034	12.500	13.0	104.0	NO		
103	76 13C2-PFDA-RSD	515.1 > 469.9	17844.568	21817.725	1.00	5.00	10.224	12.500	12.8	102.1	NO		
104	-1												
105	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2561.411	4619.155	1.00	4.97	6.931	12.500	11.8	94.6	NO		
106	80 d3-N-MeFOSAA-RSD	573. > 419	14204.964	28391.738	1.00	5.15	6.254	12.500	12.5	100.0	NO		
107	82 13C2-PFUDa-RSD	565 > 519.8	26854.330	28391.738	1.00	5.32	11.823	12.500	12.8	102.5	NO		
108	84 d5-N-EiFOSAA-RSD	589. > 419	13109.425	28391.738	1.00	5.30	5.772	12.500	12.9	103.2	NO		

Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-97.qld

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Name: 200714M1_97, Date: 15-Jul-2020, Time: 07:46:28, ID: ST200714M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86	13C2-PFDoA-RSD	615 > 570	30390.023	21817.725	1.00	5.61	17.411	12.500	12.7	101.4	NO	
110	88	13C2-10:2 FTS-RSD	633 > 79.9	1832.803	4619.155	1.00	5.59	4.960	12.500	11.5	92.0	NO	
111	90	d3-N-MeFOSA-RSD	515.2 > 168.9	21239.383	28391.738	1.00	5.64	9.351	149.200	139	93.3	NO	
112	92	13C2-PFTeDA-RSD	715.1 > 669.7	18898.084	28391.738	1.00	6.07	8.320	12.500	11.7	94.0	NO	
113	94	d5-N-ETFOSA-RSD	531.1 > 168.9	30553.969	28391.738	1.00	6.08	13.452	149.200	153	102.6	NO	
114	96	13C2-PFHxDA-RSD	815 > 769.7	29949.930	28391.738	1.00	6.40	13.186	12.500	12.2	97.2	NO	
115	98	d7-N-MeFOSE-RSD	623.1 > 58.9	13014.104	28391.738	1.00	6.28	5.730	149.200	133	88.9	NO	
116	1...	d9-N-EiFOSE-RSD	639.2 > 58.8	15872.798	28391.738	1.00	6.43	6.988	149.200	148	99.4	NO	
117		-1											
118	1...	13C4-PFBA	217.0 > 172.0	7079.054	7079.054	1.00	1.28	12.500	12.500	12.5	100.0	NO	
119	1...	13C5-PFHxA	318.0 > 272.9	16617.027	16617.027	1.00	3.05	12.500	12.500	12.5	100.0	NO	
120	1...	13C8-PFOA	420.9 > 376.0	26057.852	26057.852	1.00	4.18	12.500	12.500	12.5	100.0	NO	
121	1...	18O2-PFHxS	403.0 > 103.0	2357.508	2357.508	1.00	3.81	12.500	12.500	12.5	100.0	NO	
122	1...	13C9-PFNA	472.2 > 426.9	18377.150	18377.150	1.00	4.62	12.500	12.500	12.5	100.0	NO	
123	1...	13C4-PFOS	503 > 80.0	4619.155	4619.155	1.00	4.70	12.500	12.500	12.5	100.0	NO	
124	1...	13C6-PFDA	519.1 > 473.7	21817.725	21817.725	1.00	5.00	12.500	12.500	12.5	100.0	NO	
125	1...	13C7-PFUDa	570.1 > 524.8	28391.738	28391.738	1.00	5.32	12.500	12.500	12.5	100.0	NO	

Dataset: Untitled

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 15 Jul 2020 09:41:38

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 200714M1_1	IPA	14-Jul-20	15:09:15
2	2 200714M1_2	IPA	14-Jul-20	15:19:41
3	3 200714M1_3	ST200714M1-1 PFC CS-2 20F1901	14-Jul-20	15:30:06
4	4 200714M1_4	ST200714M1-2 PFC CS-1 20F1902	14-Jul-20	15:40:31
5	5 200714M1_5	ST200714M1-3 PFC CS0 20F1903	14-Jul-20	15:50:56
6	6 200714M1_6	ST200714M1-4 PFC CS1 20F1904	14-Jul-20	16:02:04
7	7 200714M1_7	ST200714M1-5 PFC CS2 20F1905	14-Jul-20	16:12:23
8	8 200714M1_8	ST200714M1-6 PFC CS3 20F1906	14-Jul-20	16:22:46
9	9 200714M1_9	ST200714M1-7 PFC CS4 20F1907	14-Jul-20	16:33:08
10	10 200714M1_10	ST200714M1-8 PFC CS5 20F1908	14-Jul-20	16:43:33
11	11 200714M1_11	ST200714M1-9 PFC CS6 20F1909	14-Jul-20	16:53:57
12	12 200714M1_12	ST200714M1-10 PFC CS7 20F1910	14-Jul-20	17:04:19
13	13 200714M1_13	IB	14-Jul-20	17:14:41
14	14 200714M1_14	ICV200714M1-1 PFC ICV 20F1911	14-Jul-20	17:25:04
15	15 200714M1_15	IB	14-Jul-20	17:35:26
16	16 200714M1_16	B0G0031-BLK1 Method Blank 2	14-Jul-20	17:45:48
17	17 200714M1_17	B0G0031-BS1 OPR 2	14-Jul-20	17:56:10
18	18 200714M1_18	B0G0031-MS1 Matrix Spike 2.13	14-Jul-20	18:06:33
19	19 200714M1_19	B0G0031-MSD1 Matrix Spike Dup 2.12	14-Jul-20	18:16:54
20	20 200714M1_20	2001367-01 CH48-SS04-000H 2.03	14-Jul-20	18:27:17
21	21 200714M1_21	2001367-02 CH48-SB04-0406 2.23	14-Jul-20	18:37:39
22	22 200714M1_22	2001394-01 CH48-SB08-0204 2.43	14-Jul-20	18:48:02
23	23 200714M1_23	2001394-02 CH48-SB08-0406 2.34	14-Jul-20	18:58:24
24	24 200714M1_24	2001394-03 CH48-SB08-0810 2.52	14-Jul-20	19:08:46
25	25 200714M1_25	2001394-04 CH48-SS09-000H 2.47	14-Jul-20	19:19:08
26	26 200714M1_26	2001394-05 CH48-SB09-0406 2.13	14-Jul-20	19:29:30
27	27 200714M1_27	2001394-06 CH48-SB09-0810 2.52	14-Jul-20	19:39:52
28	28 200714M1_28	2001394-07 CH48-SS10-000H 2.48	14-Jul-20	19:50:15
29	29 200714M1_29	2001394-08 CH48-SB10-0406 2.14	14-Jul-20	20:00:37
30	30 200714M1_30	IB	14-Jul-20	20:10:59
31	31 200714M1_31	ST200714M1-11 PFC CS3 20F1906	14-Jul-20	20:21:21
32	32 200714M1_32	IB	14-Jul-20	20:31:46

Dataset: Untitled

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 200714M1_33	2001394-09 CH48-SB10-0810 2.53	14-Jul-20	20:42:11
34	34 200714M1_34	2001404-01 CH48-SS11-000H 2.52	14-Jul-20	20:52:33
35	35 200714M1_35	2001404-02 CH48-SB11-0406 2.45	14-Jul-20	21:02:55
36	36 200714M1_36	2001404-03 CH48-SB11-0810 2.47	14-Jul-20	21:13:21
37	37 200714M1_37	2001404-04 CH48-SS12-000H 2.17	14-Jul-20	21:23:46
38	38 200714M1_38	2001404-05 CH48-SB12-0406 2.24	14-Jul-20	21:34:09
39	39 200714M1_39	2001404-06 CH48-SB12-0810 2.41	14-Jul-20	21:44:34
40	40 200714M1_40	B0G0041-BLK1 Method Blank 0.125	14-Jul-20	21:54:56
41	41 200714M1_41	B0G0041-BS1 OPR 0.125	14-Jul-20	22:05:18
42	42 200714M1_42	2001412-01 MW-4 0.10686	14-Jul-20	22:15:40
43	43 200714M1_43	2001412-02 MW-7 0.10919	14-Jul-20	22:26:03
44	44 200714M1_44	2001412-03 MW-3 0.11335	14-Jul-20	22:36:25
45	45 200714M1_45	IB	14-Jul-20	22:46:47
46	46 200714M1_46	ST200714M1-12 PFC CS3 20F1906	14-Jul-20	22:57:09
47	47 200714M1_47	IB	14-Jul-20	23:07:31
48	48 200714M1_48	2001412-04 MW-5S 0.11707	14-Jul-20	23:17:53
49	49 200714M1_49	2001412-05 MW-5D 0.11049	14-Jul-20	23:28:16
50	50 200714M1_50	2001412-06 MW-2 0.10949	14-Jul-20	23:38:38
51	51 200714M1_51	2001412-07 MW-6 0.11185	14-Jul-20	23:49:00
52	52 200714M1_52	2001413-01 DPH-MW12D 0.11327	14-Jul-20	23:59:23
53	53 200714M1_53	2001413-02 DPH-MW13 0.11222	15-Jul-20	00:09:44
54	54 200714M1_54	2001414-01 DPH-IRELAND 0.10792	15-Jul-20	00:20:07
55	55 200714M1_55	2001414-02 DPH #1 0.11842	15-Jul-20	00:30:29
56	56 200714M1_56	2001414-03 DPH-EX4 0.11579	15-Jul-20	00:40:52
57	57 200714M1_57	B0G0030-BLK1 Method Blank 1	15-Jul-20	00:51:16
58	58 200714M1_58	B0G0030-BS1 OPR 1	15-Jul-20	01:01:41
59	59 200714M1_59	B0G0030-MS1 Matrix Spike 1.03	15-Jul-20	01:12:06
60	60 200714M1_60	B0G0030-MSD1 Matrix Spike Dup 1.04	15-Jul-20	01:22:31
61	61 200714M1_61	2001407-01 AST Waste-PFAS 1.03	15-Jul-20	01:32:56
62	62 200714M1_62	IB	15-Jul-20	01:43:20
63	63 200714M1_63	ST200714M1-13 PFC CS0 20F1903	15-Jul-20	01:53:45
64	64 200714M1_64	IB	15-Jul-20	02:04:09
65	65 200714M1_65	2001408-01 UST 52 Waste-PFAS 1.18	15-Jul-20	02:14:31
66	66 200714M1_66	2001362-04@20X GMW-24 0.25105	15-Jul-20	02:24:53
67	67 200714M1_67	B0G0034-BLK1 Method Blank 0.25	15-Jul-20	02:35:16
68	68 200714M1_68	B0G0034-BS1 OPR 0.25	15-Jul-20	02:45:38

Dataset: Untitled

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
69	69 200714M1_69	B0G0034-MS1 Matrix Spike 0.24175	15-Jul-20	02:56:00
70	70 200714M1_70	B0G0034-MSD1 Matrix Spike Dup 0.2446	15-Jul-20	03:06:22
71	71 200714M1_71	B0G0034-MS2 Matrix Spike 0.24593	15-Jul-20	03:16:44
72	72 200714M1_72	B0G0034-MSD2 Matrix Spike Dup 0.25788	15-Jul-20	03:27:07
73	73 200714M1_73	2001409-01 EB02-20200701 0.24388	15-Jul-20	03:37:29
74	74 200714M1_74	2001409-02 IS72MW16DR-20200701 0.23645	15-Jul-20	03:47:51
75	75 200714M1_75	2001409-03 IS72MW15D-20200701 0.25566	15-Jul-20	03:58:13
76	76 200714M1_76	2001409-04 222MW09D-20200701 0.24708	15-Jul-20	04:08:35
77	77 200714M1_77	2001409-05 DUP02-20200701 0.25888	15-Jul-20	04:18:57
78	78 200714M1_78	2001409-06 IS72MW17D-20200701 0.24802	15-Jul-20	04:29:20
79	79 200714M1_79	2001409-07 DUP03-20200701 0.24473	15-Jul-20	04:39:42
80	80 200714M1_80	2001409-08 I003MW01D-20200701 0.25006	15-Jul-20	04:50:05
81	81 200714M1_81	2001409-09 I003MW02D-20200701 0.25658	15-Jul-20	05:00:27
82	82 200714M1_82	IB	15-Jul-20	05:10:49
83	83 200714M1_83	ST200714M1-14 PFC CS3 20F1906	15-Jul-20	05:21:11
84	84 200714M1_84	IB	15-Jul-20	05:31:33
85	85 200714M1_85	2001409-10 DUP04-20200701 0.24995	15-Jul-20	05:41:58
86	86 200714M1_86	2001409-11 I003MW05D-20200701 0.23646	15-Jul-20	05:52:23
87	87 200714M1_87	2001409-12 EB03-20200702 0.24201	15-Jul-20	06:02:45
88	88 200714M1_88	2001409-13 TW07D-20200702 0.26983	15-Jul-20	06:13:08
89	89 200714M1_89	2001409-14 TW05D-20200702 0.25976	15-Jul-20	06:23:29
90	90 200714M1_90	2001400-01 30/10 F PM 0.1974	15-Jul-20	06:33:52
91	91 200714M1_91	2001400-02 30/10 PFA PM 0.19799	15-Jul-20	06:44:14
92	92 200714M1_92	2001400-03 120/10 F PM 0.19557	15-Jul-20	06:54:36
93	93 200714M1_93	2001400-04 120/10 PFA PM 0.18942	15-Jul-20	07:04:58
94	94 200714M1_94	2001400-05 NAC F PM 0.25304	15-Jul-20	07:15:21
95	95 200714M1_95	2001400-06 NAC PFA PM 0.24487	15-Jul-20	07:25:43
96	96 200714M1_96	IB	15-Jul-20	07:36:05
97	97 200714M1_97	ST200714M1-15 PFC CS3 20F1906	15-Jul-20	07:46:28
98	98 200714M1_98	IB	15-Jul-20	07:56:50
99	99 200714M1_99	B0G0049-BS2 OPR 2	15-Jul-20	08:07:15
100	100 200714M1_100	B0G0048-BS2 OPR 0.125	15-Jul-20	08:17:39
101	101 200714M1_101	B0G0095-BLK1@1000X Method Blank 0.001	15-Jul-20	08:28:04
102	102 200714M1_102	B0G0095-BS1@1000X OPR 0.001	15-Jul-20	08:38:26
103	103 200714M1_103	2001427-01@1000X Phase 4 Sample 1 0.00102	15-Jul-20	08:48:51
104	104 200714M1_104	2001427-02@1000X Phase 4, Sample 4 0.00103	15-Jul-20	08:59:16

Dataset: Untitled

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Printed: Wednesday, July 15, 2020 12:29:07 Pacific Daylight Time

Compound name: PFBA

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105	105 200714M1_105	2001427-03@1000X Phase 4, Sample 7 0.00102	15-Jul-20	09:09:41
106	106 200714M1_106	2001382-01RE1@100X(1:10) FC2006101400DB 0.00101	15-Jul-20	09:20:05
107	107 200714M1_107	2001382-03RE1@100X(1:10) FC2006101440DB 0.001	15-Jul-20	09:30:31
108	108 200714M1_108	IB	15-Jul-20	09:40:55
109	109 200714M1_109	ST200714M1-16 PFC CS3 20F1906	15-Jul-20	09:51:20
110	110 200714M1_110	IB	15-Jul-20	10:01:44

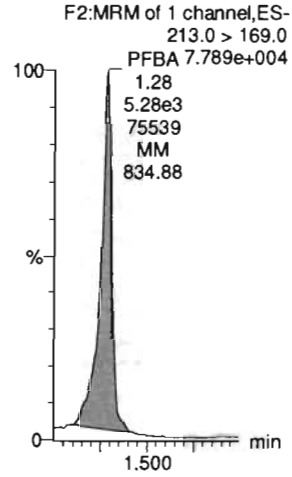
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Printed: Wednesday, July 15, 2020 12:21:05 Pacific Daylight Time

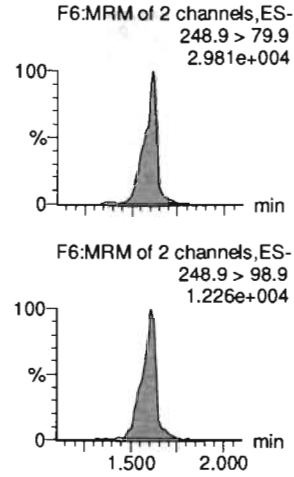
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Name: 200714M1_97, Date: 15-Jul-2020, Time: 07:46:28, ID: ST200714M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

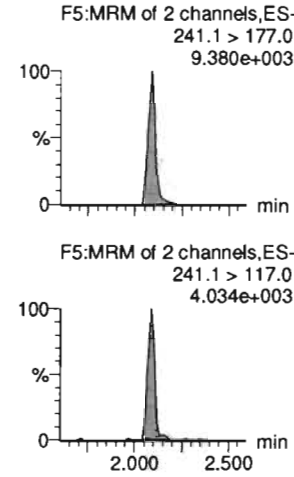
PFBA



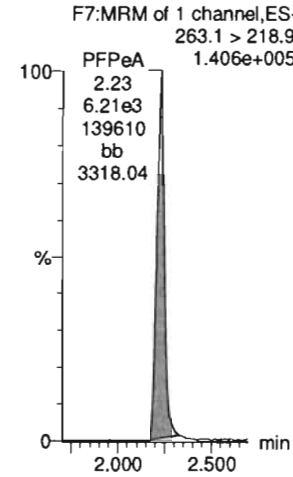
PFPrS



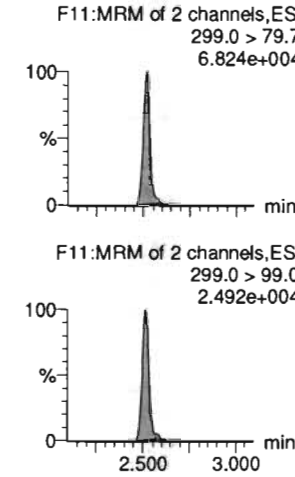
3:3 FTCA



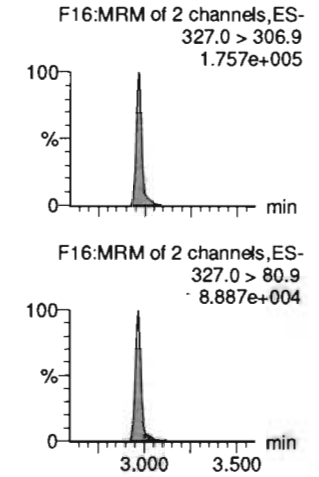
PFPeA



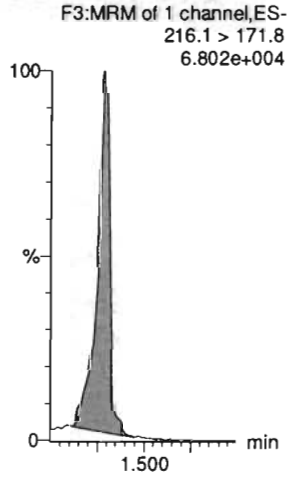
PFBS



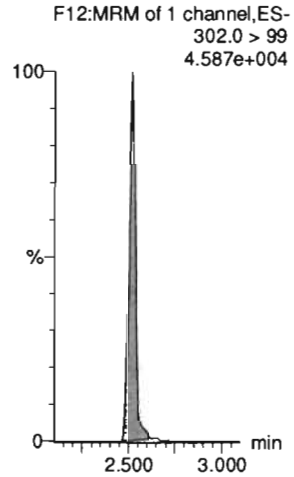
4:2 FTS



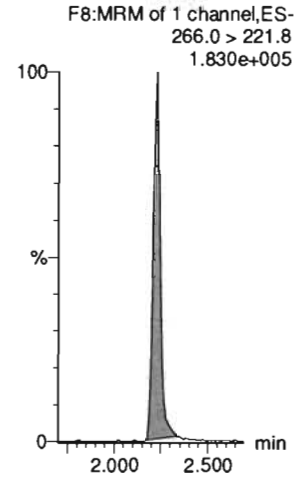
13C3-PFBA-EIS



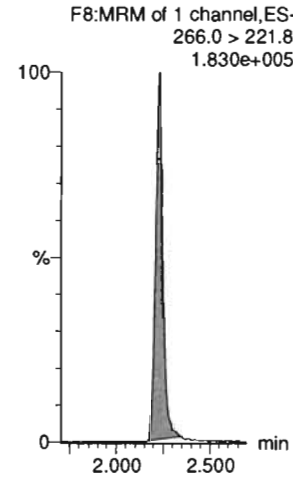
13C3-PFBS-EIS



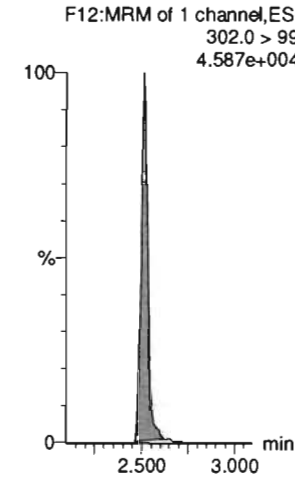
13C3-PFPeA-EIS



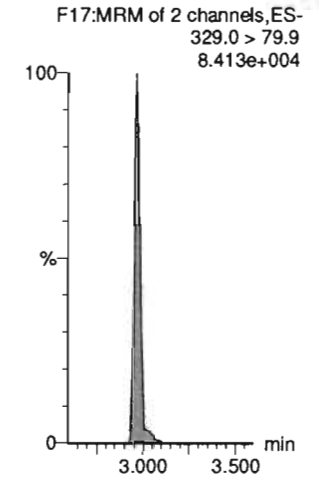
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

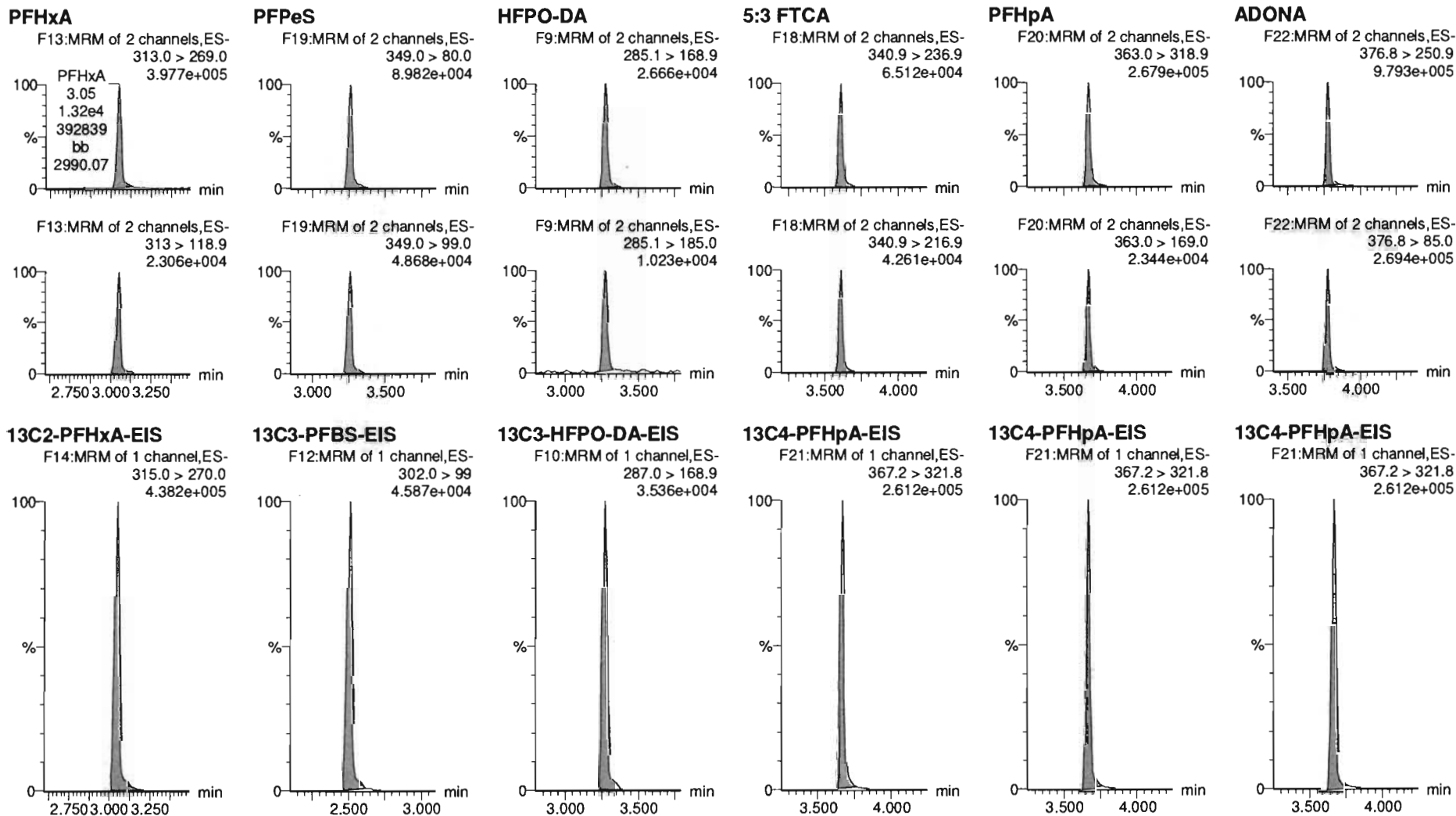


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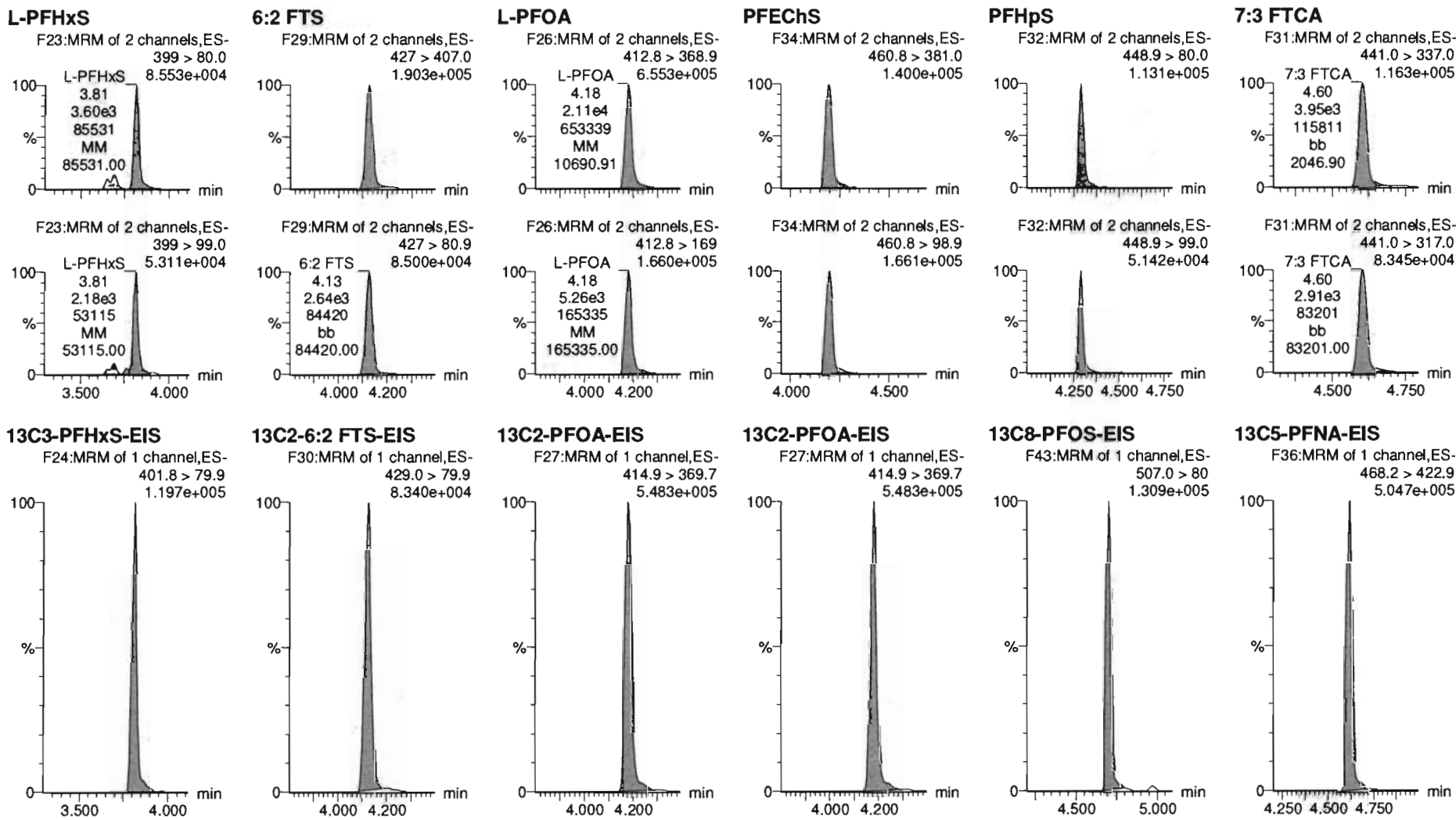


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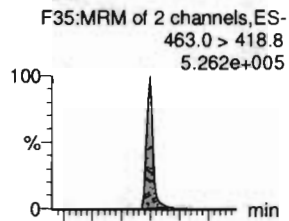
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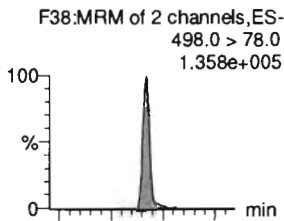
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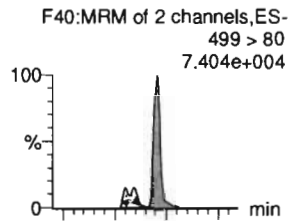
PFNA



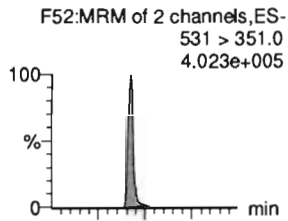
PFOSA



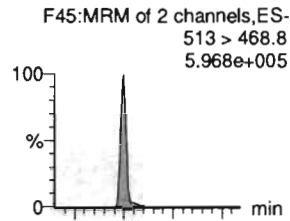
L-PFOS



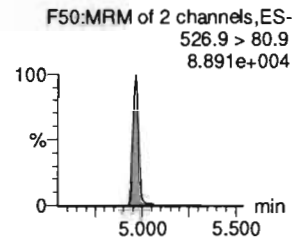
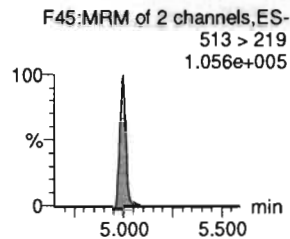
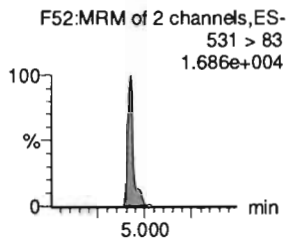
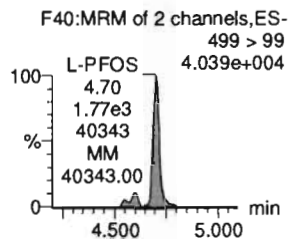
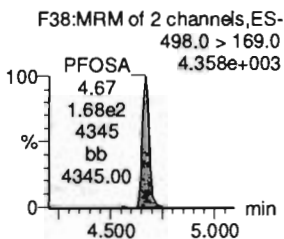
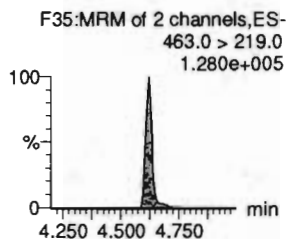
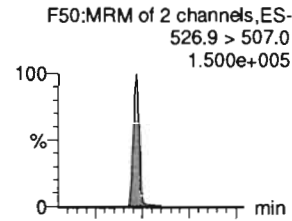
9CI-PF30NS



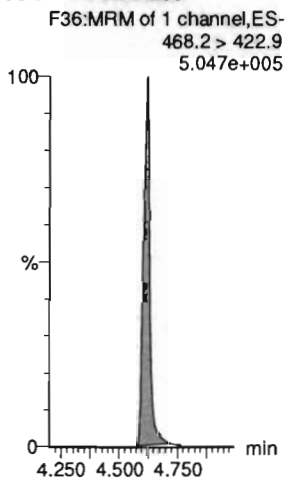
PFDA



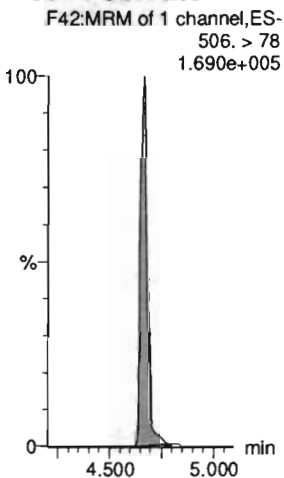
8:2 FTS



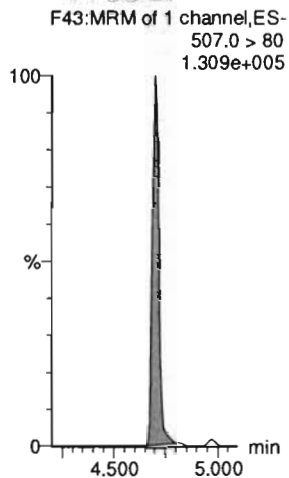
13C5-PFNA-EIS



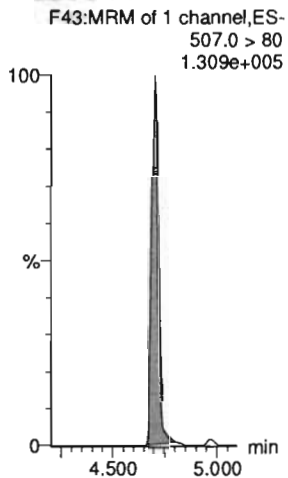
13C8-PFOSA-EIS



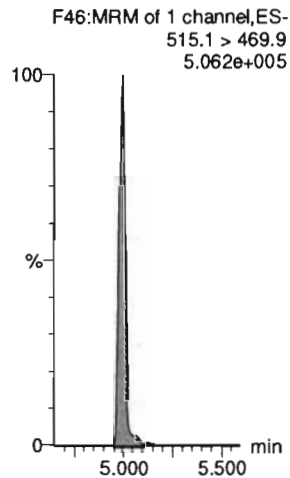
13C8-PFOS-EIS



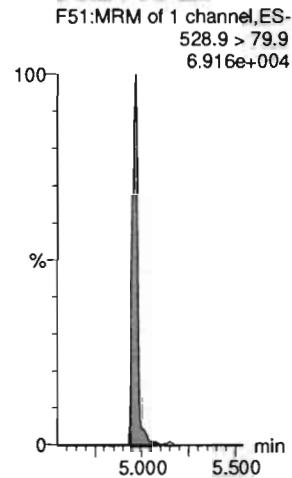
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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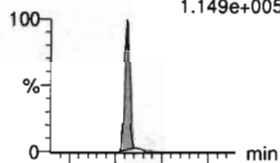
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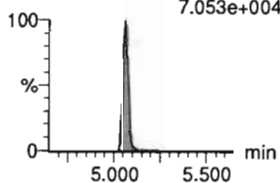
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PFNS

F54:MRM of 2 channels,ES-
548.9 > 79.9
1.149e+005

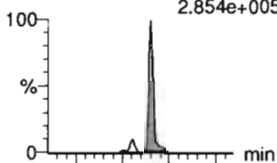


F54:MRM of 2 channels,ES-
548.9 > 98.9
7.053e+004

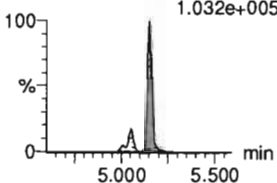


L-MeFOSAA

F57:MRM of 2 channels,ES-
570 > 419
2.854e+005

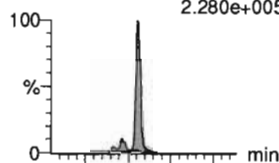


F57:MRM of 2 channels,ES-
570 > 512
1.032e+005

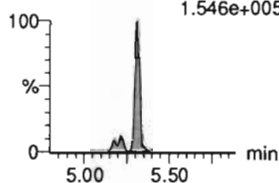


L-EtFOSAA

F60:MRM of 2 channels,ES-
583.9 > 419
2.280e+005

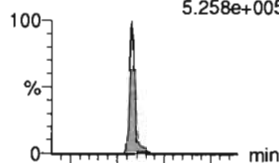


F60:MRM of 2 channels,ES-
583.9 > 526
1.546e+005

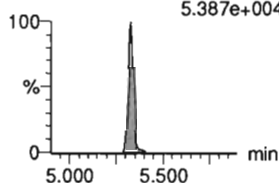


PFUdA

F55:MRM of 2 channels,ES-
563.0 > 518.9
5.258e+005

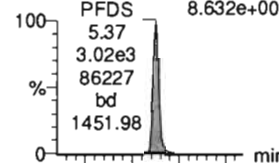


F55:MRM of 2 channels,ES-
563.0 > 269
5.387e+004

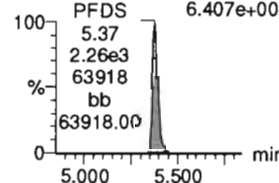


PFDS

F62:MRM of 2 channels,ES-
599.0 > 80.0
8.632e+004

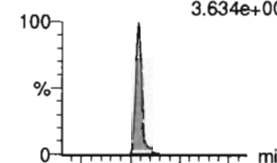


F62:MRM of 2 channels,ES-
599.0 > 99.0
6.407e+004

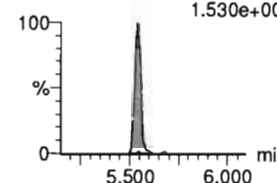


11CI-PF30Uds

F69:MRM of 2 channels,ES-
630.9 > 450.9
3.634e+005

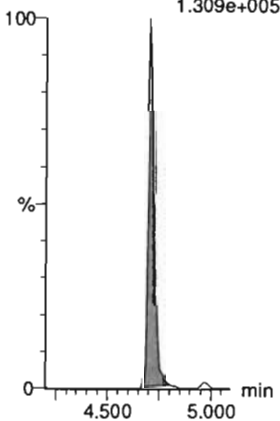


F69:MRM of 2 channels,ES-
630.9 > 83.
1.530e+004



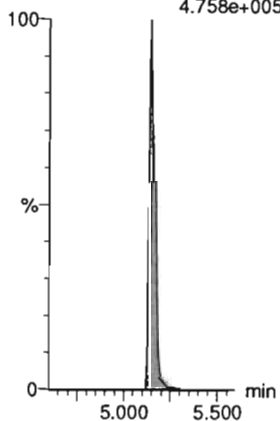
13C8-PFOS-EIS

F43:MRM of 1 channel,ES-
507.0 > 80
1.309e+005



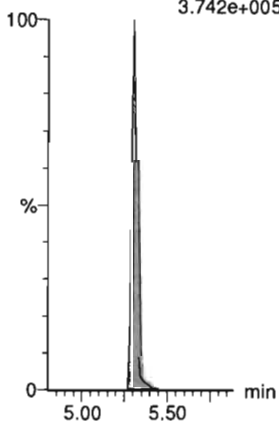
d3-N-MeFOSAA-EIS

F59:MRM of 1 channel,ES-
573. > 419
4.758e+005



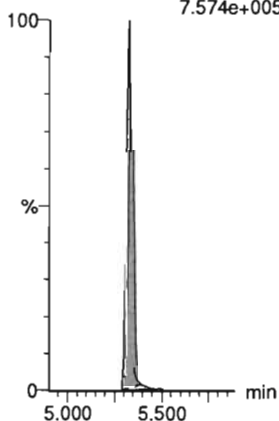
d5-N-EtFOSAA-EIS

F61:MRM of 1 channel,ES-
589. > 419
3.742e+005



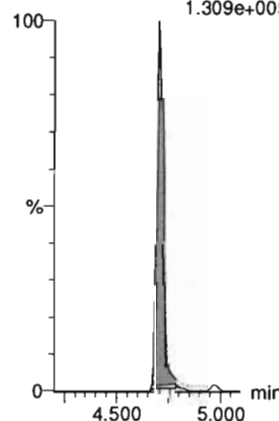
13C2-PFUdA-EIS

F56:MRM of 1 channel,ES-
565 > 519.8
7.574e+005



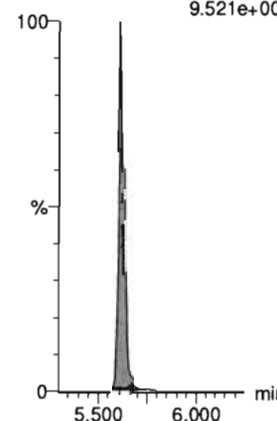
13C8-PFOS-EIS

F43:MRM of 1 channel,ES-
507.0 > 80
1.309e+005



13C2-PFDoA-EIS

F64:MRM of 1 channel,ES-
615 > 570
9.521e+005

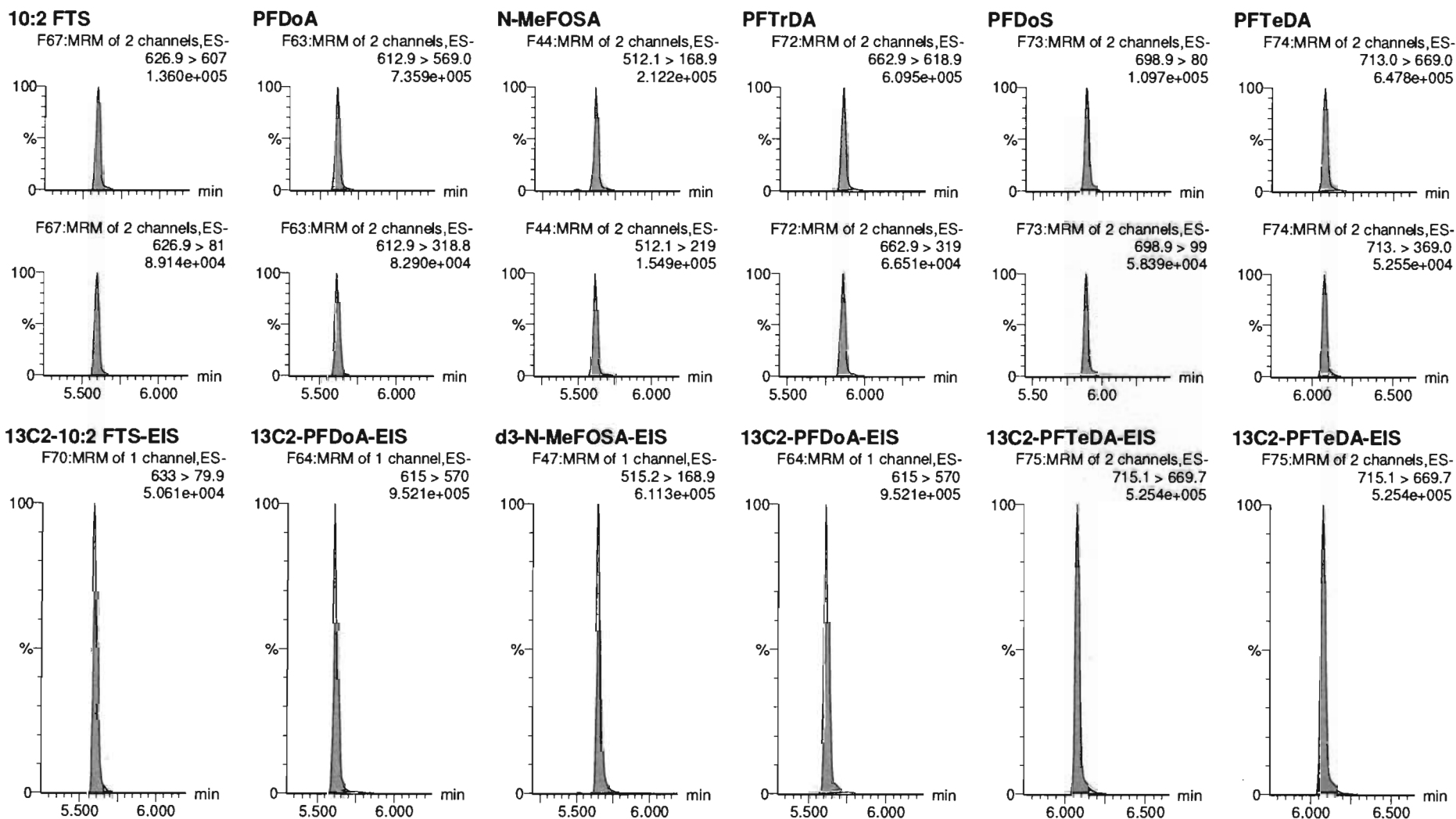


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Last Altered: Wednesday, July 15, 2020 12:12:07 Pacific Daylight Time

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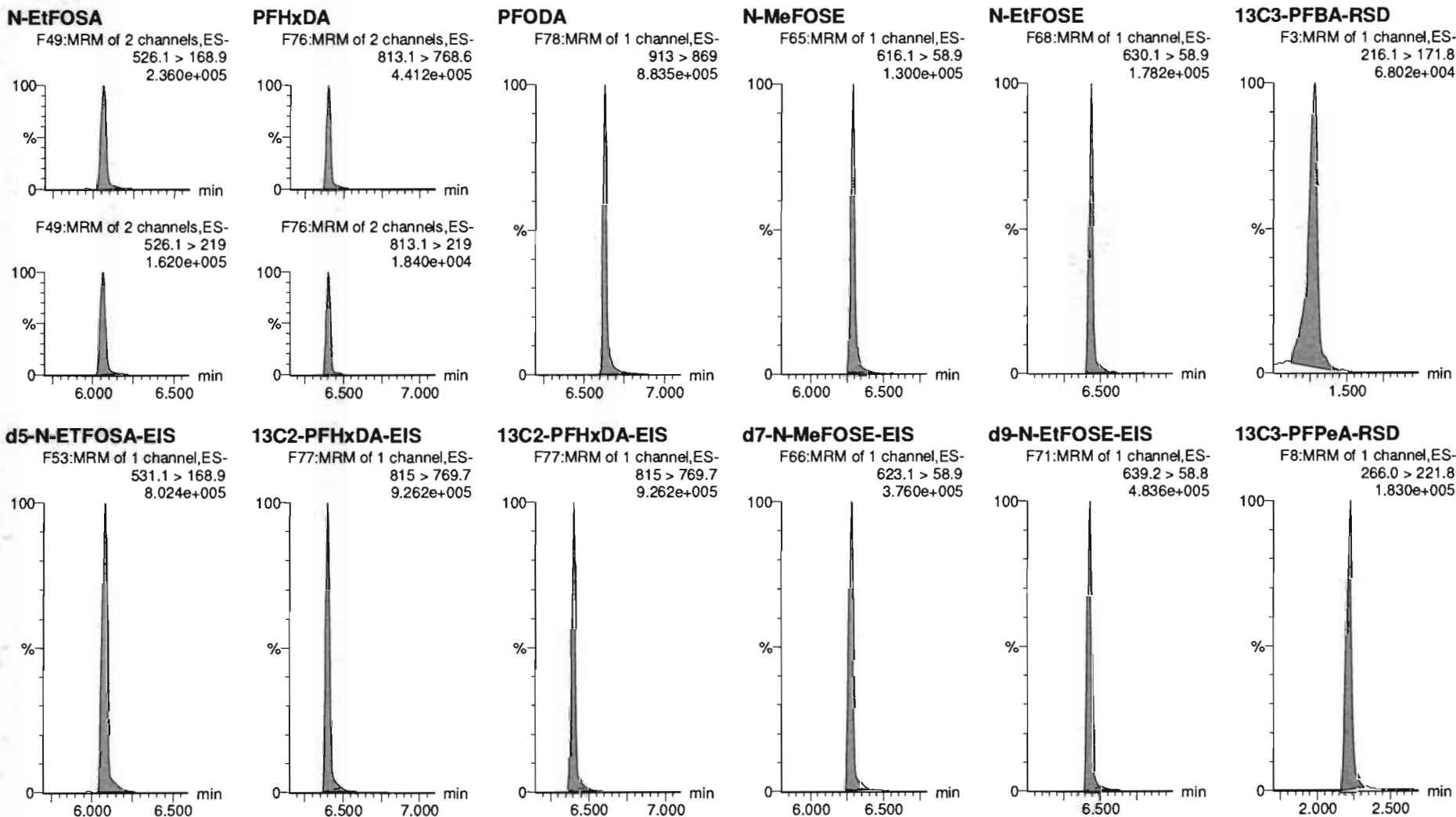


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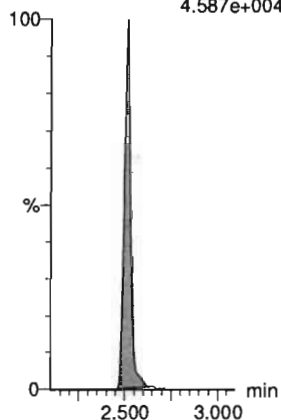
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Last Altered: Wednesday, July 15, 2020 12:12:07 Pacific Daylight Time
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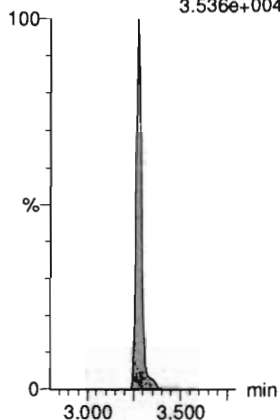
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
4.587e+004



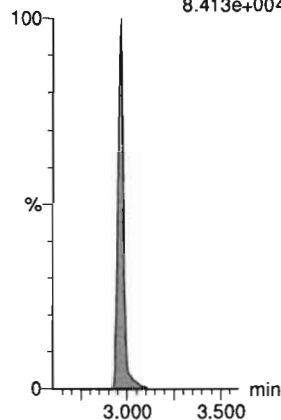
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.536e+004



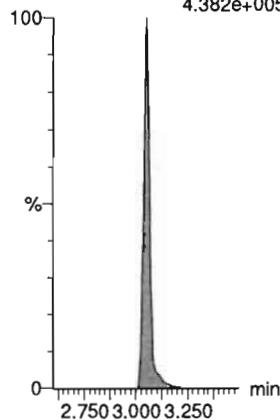
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
8.413e+004



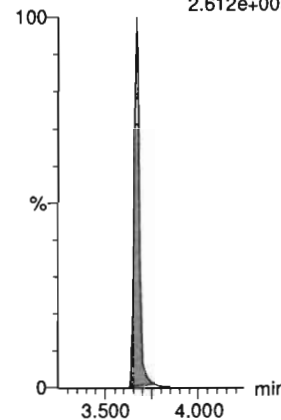
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
4.382e+005



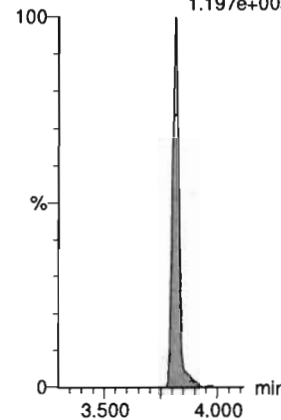
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.612e+005



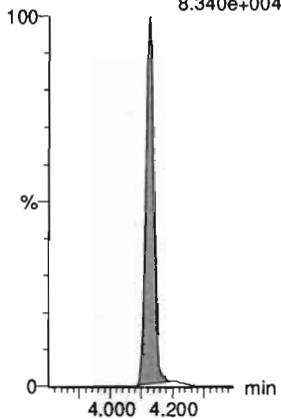
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.197e+005



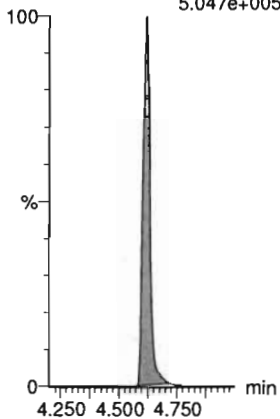
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
8.340e+004



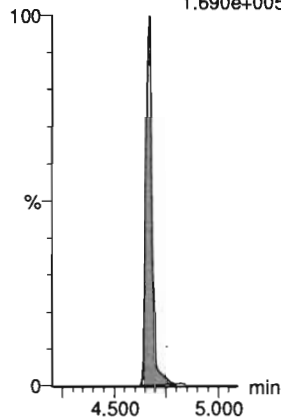
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
5.047e+005



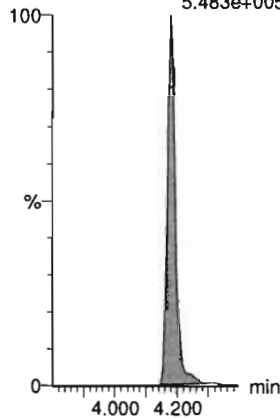
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.690e+005



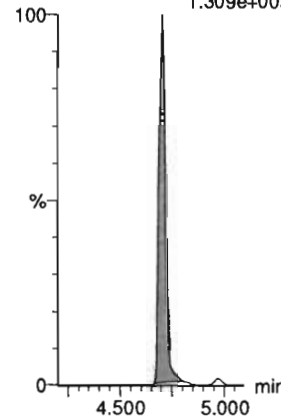
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.483e+005



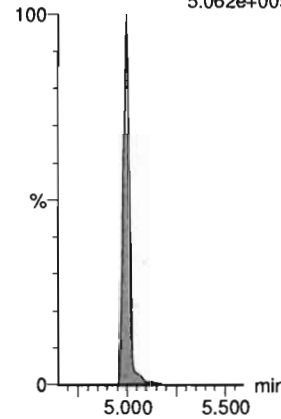
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.309e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
5.062e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-97.qld

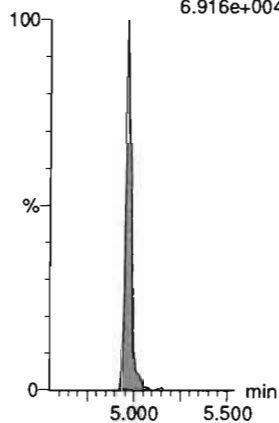
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Printed: Wednesday, July 15, 2020 12:21:05 Pacific Daylight Time

Name: 200714M1_97, Date: 15-Jul-2020, Time: 07:46:28, ID: ST200714M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

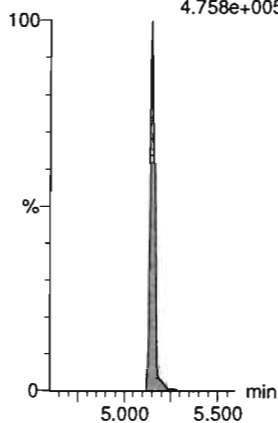
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.916e+004



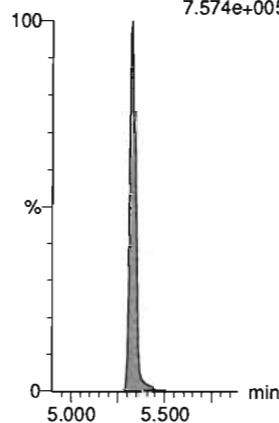
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.758e+005



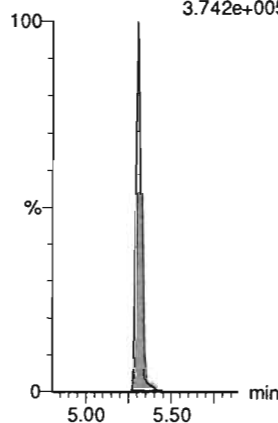
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
7.574e+005



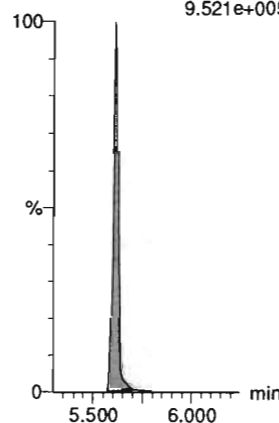
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.742e+005



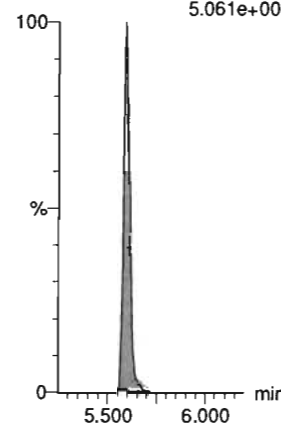
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
9.521e+005



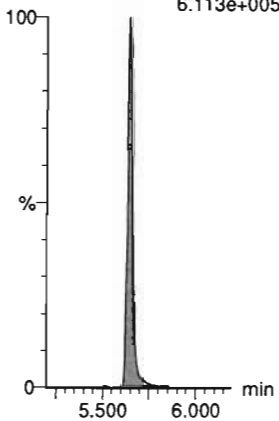
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.061e+004



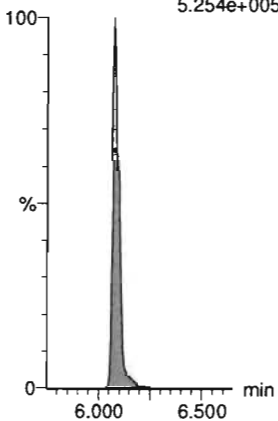
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
6.113e+005



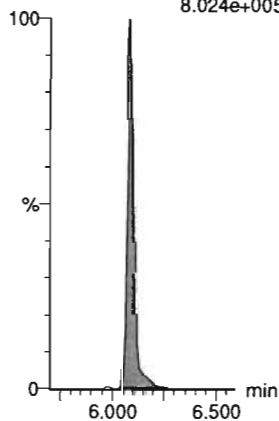
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.254e+005



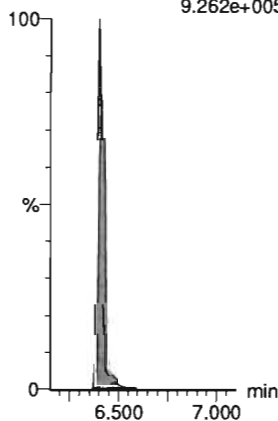
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
8.024e+005



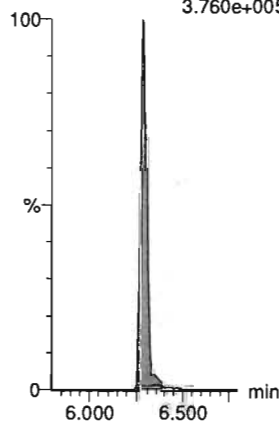
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
9.262e+005



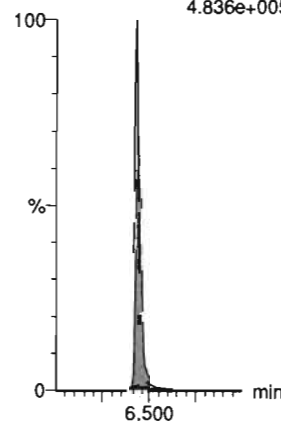
d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.760e+005



d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.836e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-97.qld

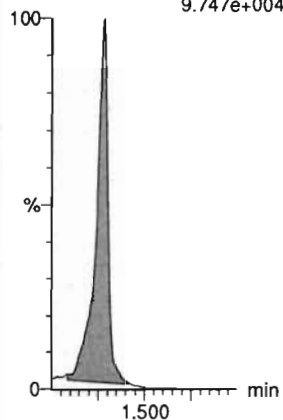
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Printed: Wednesday, July 15, 2020 12:21:05 Pacific Daylight Time

Name: 200714M1_97, Date: 15-Jul-2020, Time: 07:46:28, ID: ST200714M1-15 PFC CS3 20F1906, Description: PFC CS3 20F1906

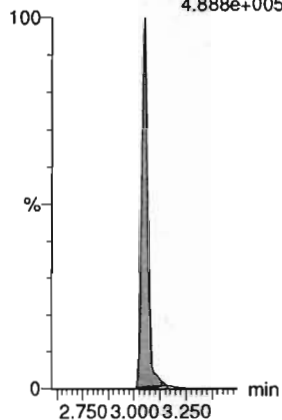
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
9.747e+004



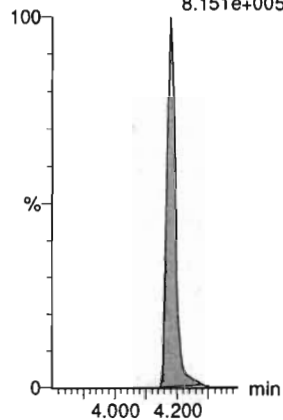
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.888e+005



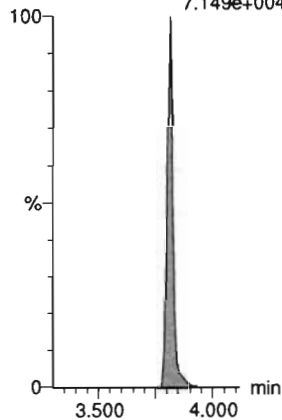
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
8.151e+005



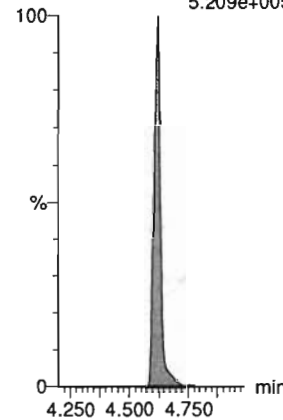
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
7.149e+004



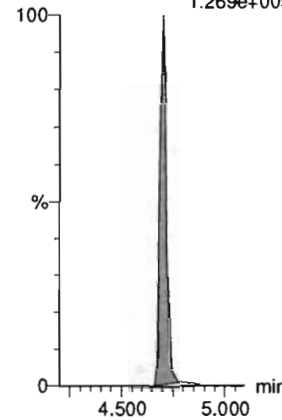
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
5.209e+005



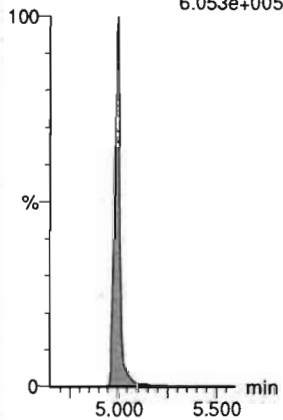
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.269e+005



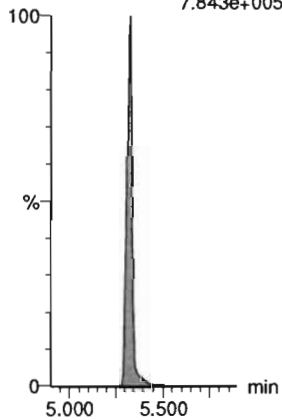
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
6.053e+005



13C7-PFUdA

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.843e+005



Dataset: Untitled

Last Altered: Thursday, July 16, 2020 11:07:18 Pacific Daylight Time

Printed: Thursday, July 16, 2020 11:07:27 Pacific Daylight Time

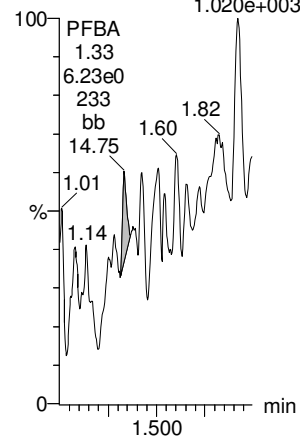
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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

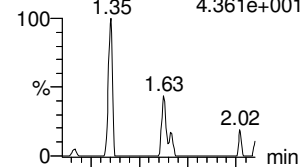
PFBA

IB IB F2:MRM of 1 channel,ES-
213.0 > 169.0
1.020e+003

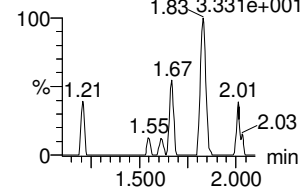


PFPrS

IB IB F6:MRM of 2 channels,ES-
248.9 > 79.9
4.361e+001

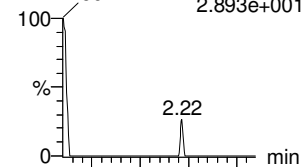


IB IB F6:MRM of 2 channels,ES-
248.9 > 98.9
1.83.3.331e+001

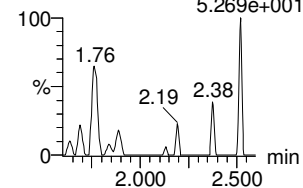


3:3 FTCA

IB IB F5:MRM of 2 channels,ES-
241.1 > 177.0
2.893e+001

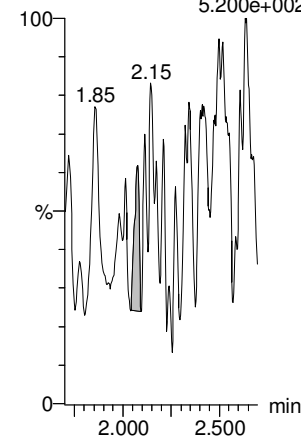


IB IB F5:MRM of 2 channels,ES-
241.1 > 117.0
5.269e+001



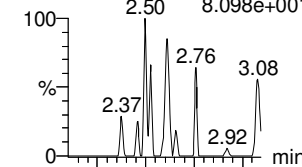
PFPeA

IB IB F7:MRM of 1 channel,ES-
263.1 > 218.9
5.200e+002

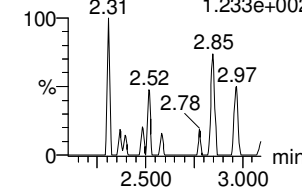


PFBS

F11:MRM of 2 channels,ES-
299.0 > 79.7
8.098e+001

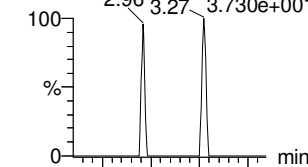


F11:MRM of 2 channels,ES-
299.0 > 99.0
1.233e+002

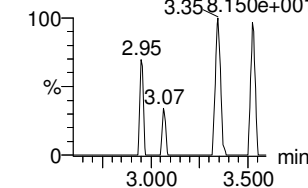


4:2 FTS

F16:MRM of 2 channels,ES-
327.0 > 306.9
3.730e+001

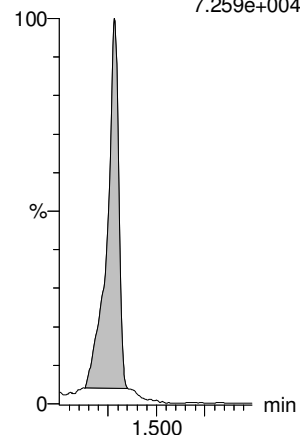


F16:MRM of 2 channels,ES-
327.0 > 80.9
3.358.150e+001



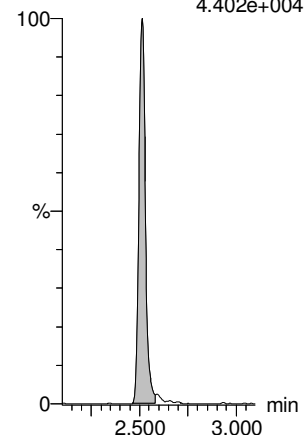
13C3-PFBA-EIS

IB IB F3:MRM of 1 channel,ES-
216.1 > 171.8
7.259e+004



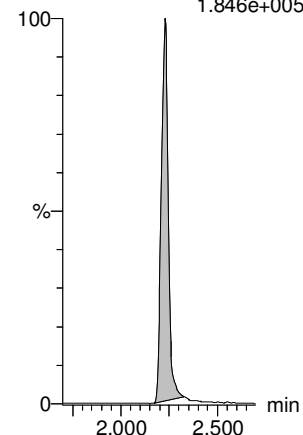
13C3-PFBS-EIS

IB IB F12:MRM of 1 channel,ES-
302.0 > 99
4.402e+004



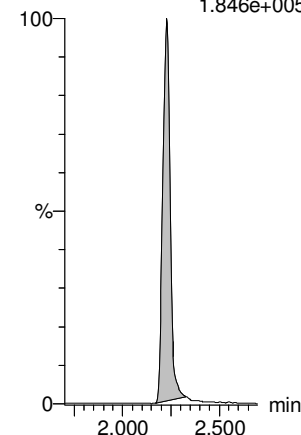
13C3-PFPeA-EIS

IB IB F8:MRM of 1 channel,ES-
266.0 > 221.8
1.846e+005



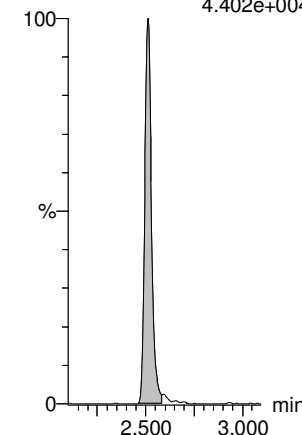
13C3-PFPeA-EIS

IB IB F8:MRM of 1 channel,ES-
266.0 > 221.8
1.846e+005



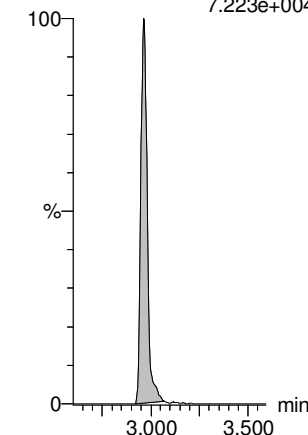
13C3-PFBS-EIS

IB IB F12:MRM of 1 channel,ES-
302.0 > 99
4.402e+004



13C2-4:2 FTS-EIS

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.223e+004



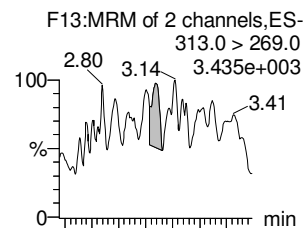
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Last Altered: Thursday, July 16, 2020 11:07:18 Pacific Daylight Time

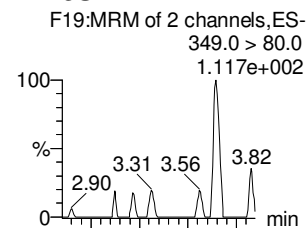
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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

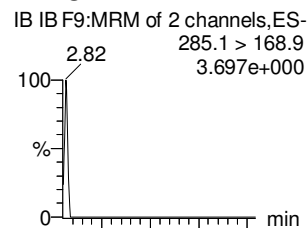
PFHxA



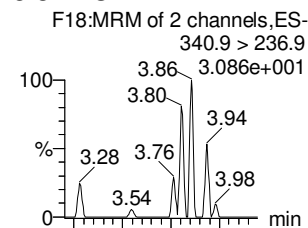
PFPeS



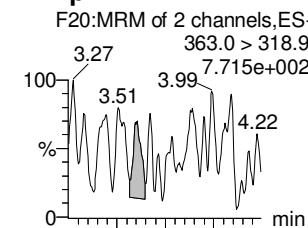
HFPO-DA



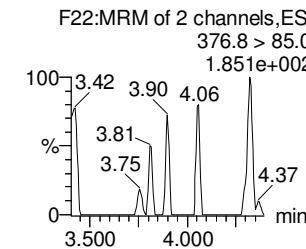
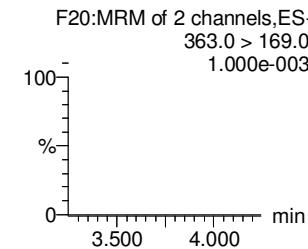
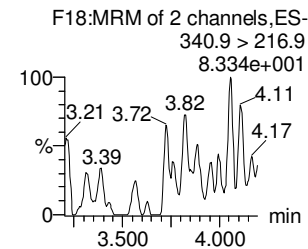
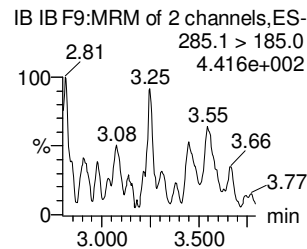
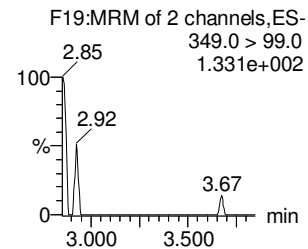
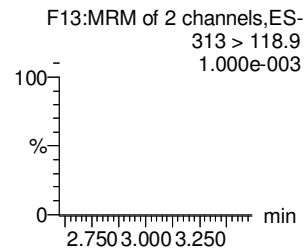
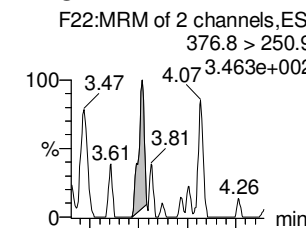
5:3 FTCA



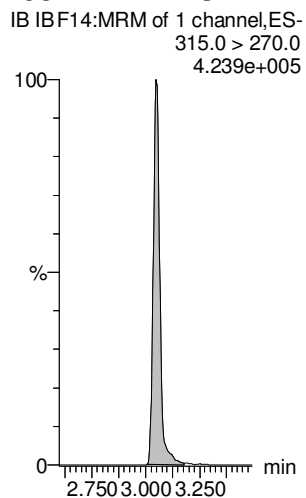
PFHpA



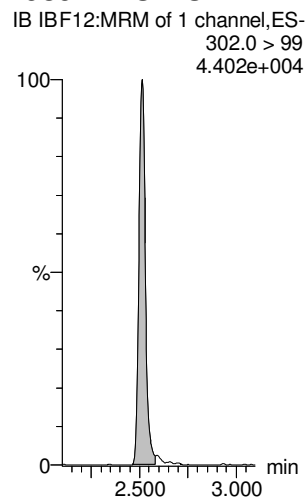
ADONA



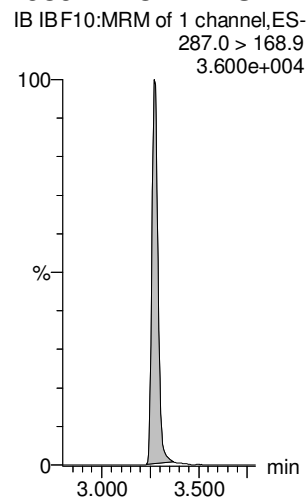
13C2-PFHxA-EIS



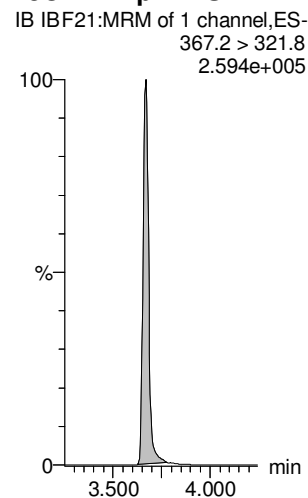
13C3-PFBS-EIS



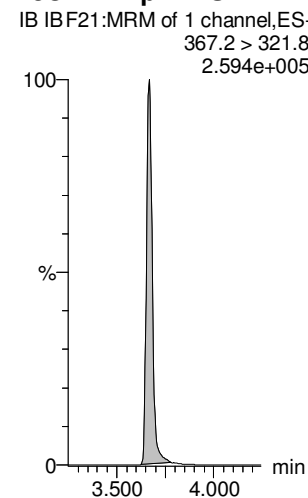
13C3-HFPO-DA-EIS



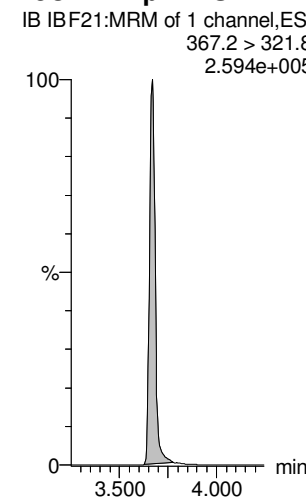
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



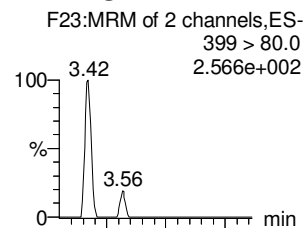
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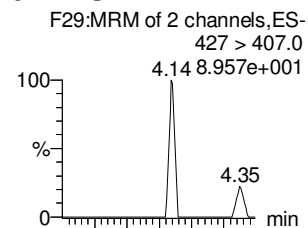
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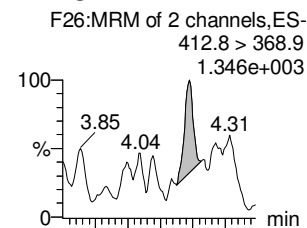
L-PFHxS



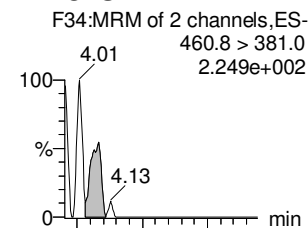
6:2 FTS



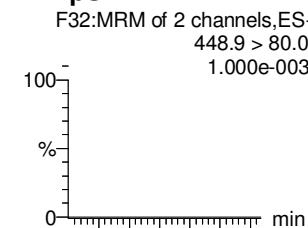
L-PFOA



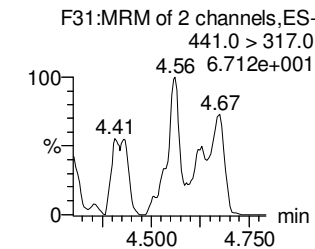
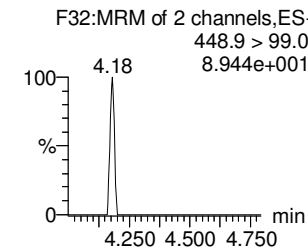
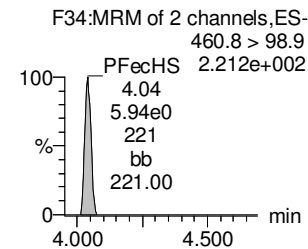
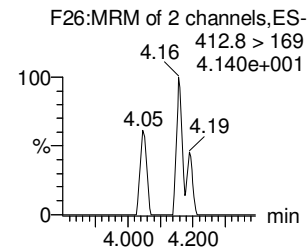
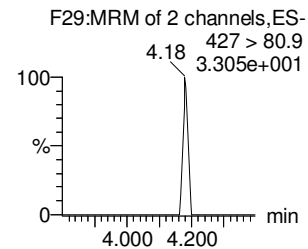
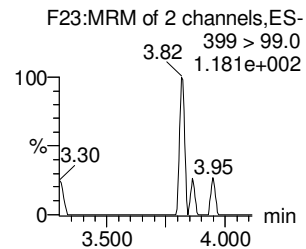
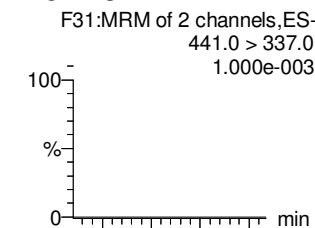
PFChS



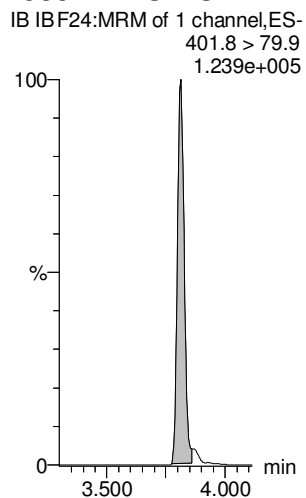
PFHpS



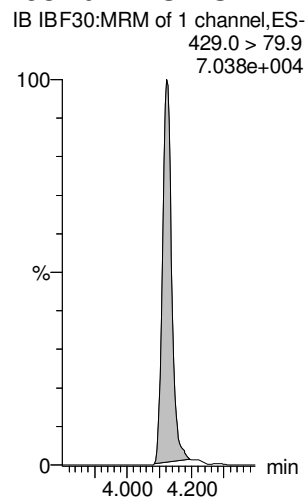
7:3 FTCA



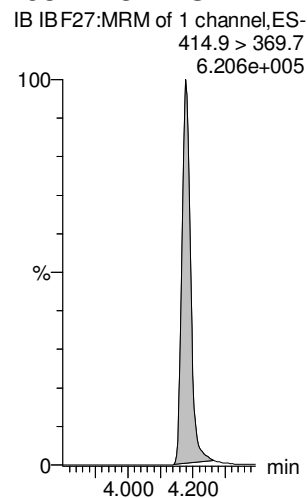
13C3-PFHxS-EIS



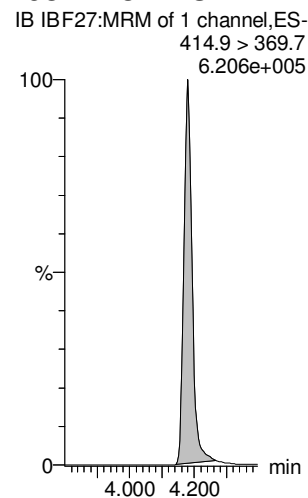
13C2-6:2 FTS-EIS



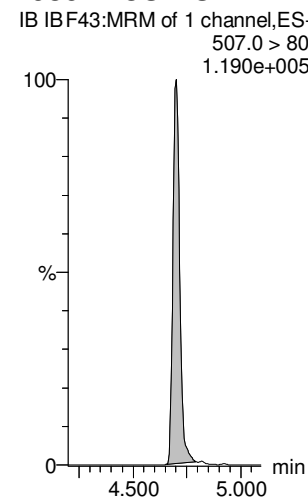
13C2-PFOA-EIS



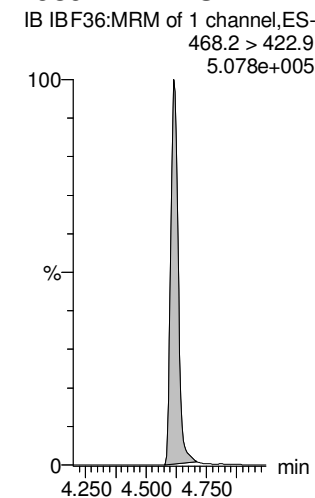
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



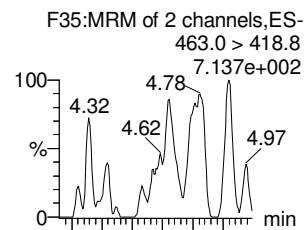
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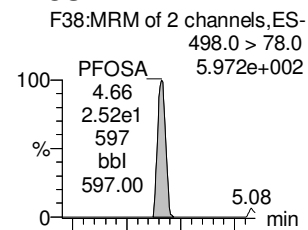
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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

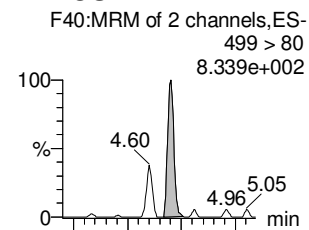
PFNA



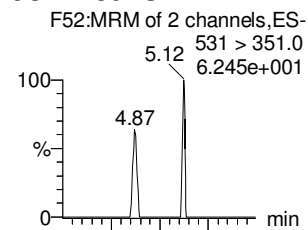
PFOSA



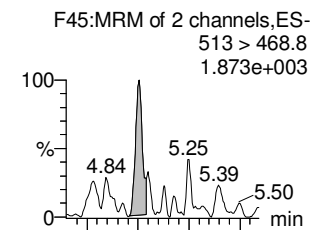
L-PFOS



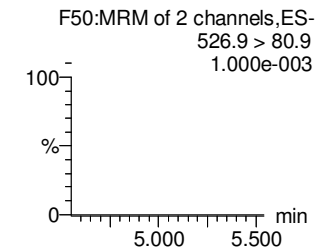
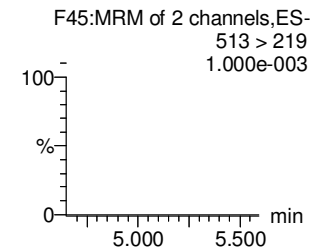
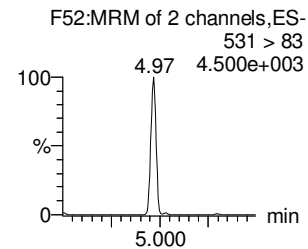
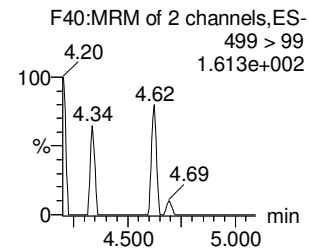
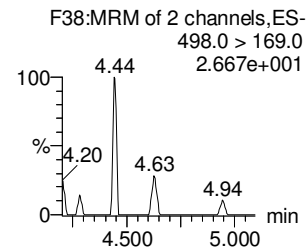
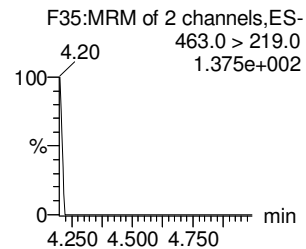
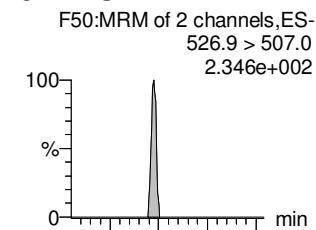
9CI-PF30NS



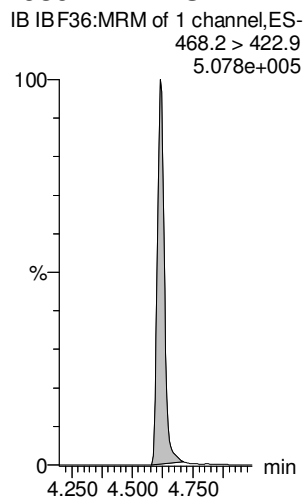
PFDA



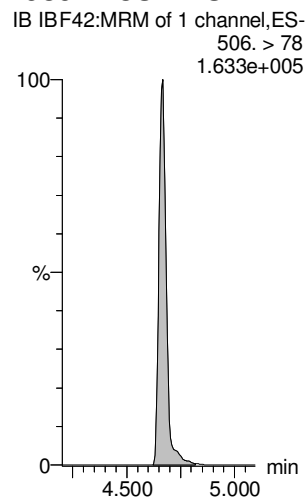
8:2 FTS



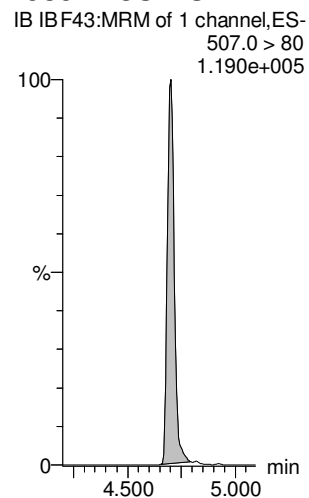
13C5-PFNA-EIS



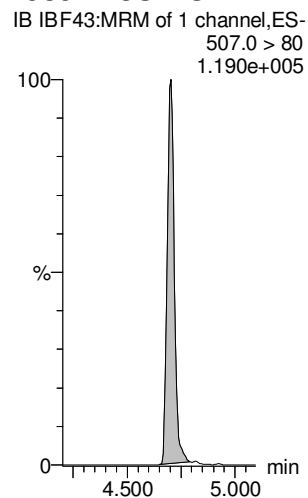
13C8-PFOSA-EIS



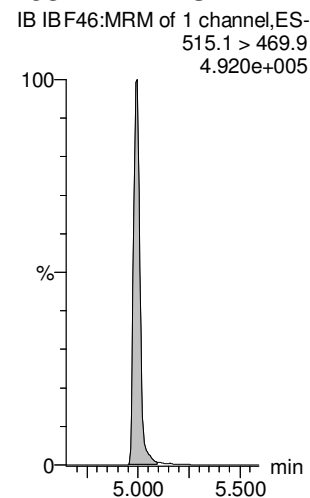
13C8-PFOS-EIS



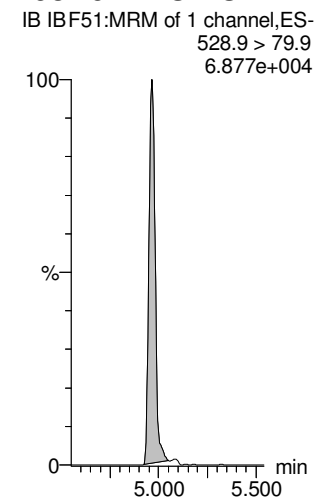
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



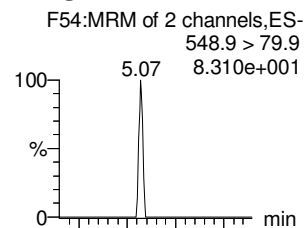
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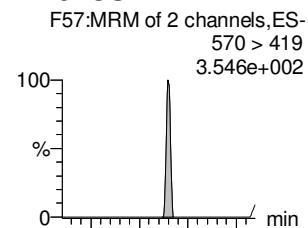
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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

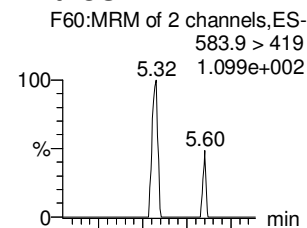
PFNS



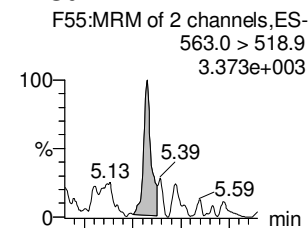
L-MeFOSAA



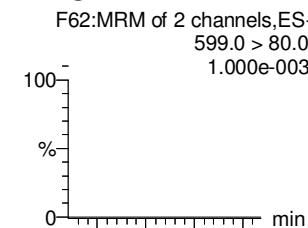
L-EtFOSAA



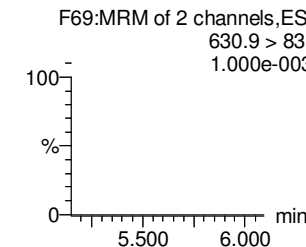
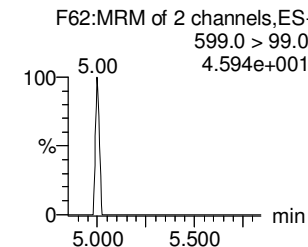
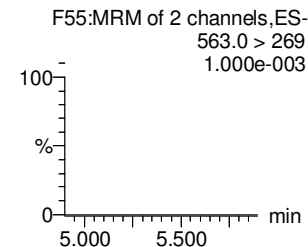
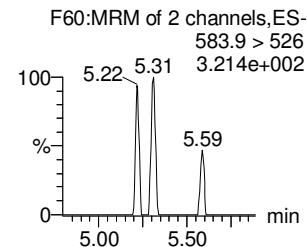
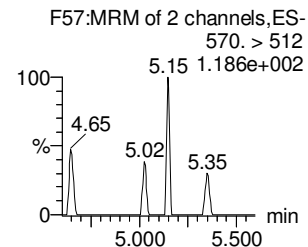
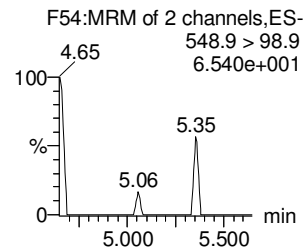
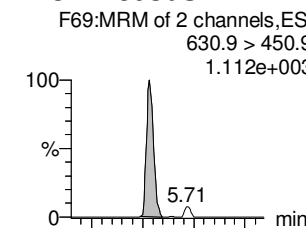
PFUdA



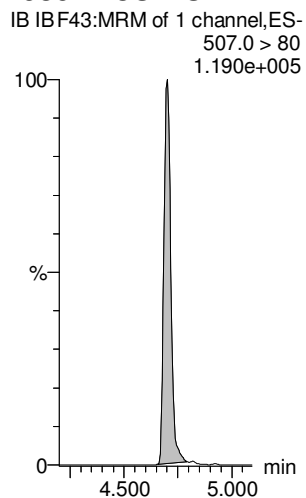
PFDS



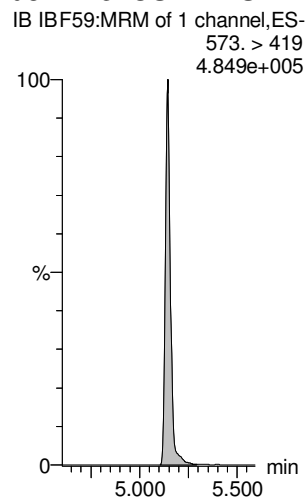
11Cl-PF30UdS



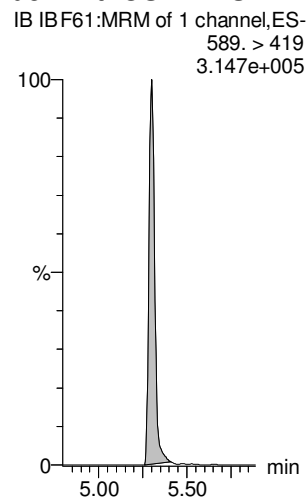
13C8-PFOS-EIS



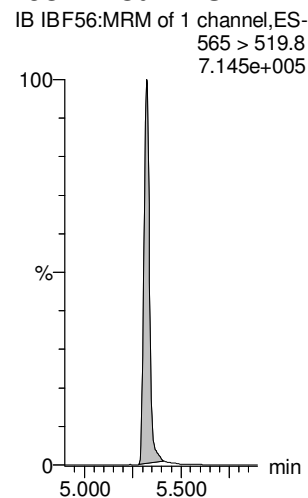
d3-N-MeFOSAA-EIS



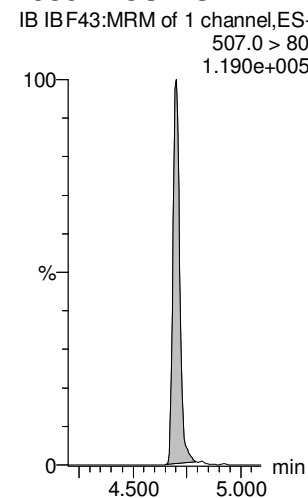
d5-N-EtFOSAA-EIS



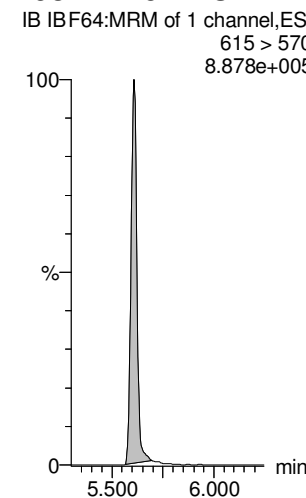
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: Untitled

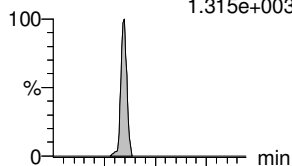
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Printed: Thursday, July 16, 2020 11:07:27 Pacific Daylight Time

Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

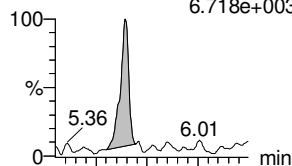
10:2 FTS

F67:MRM of 2 channels,ES-
626.9 > 607
1.315e+003



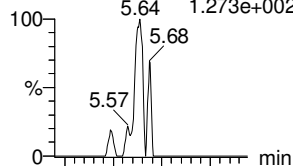
PFDoA

F63:MRM of 2 channels,ES-
612.9 > 569.0
6.718e+003



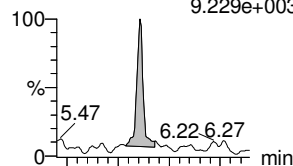
N-MeFOSA

F44:MRM of 2 channels,ES-
512.1 > 168.9
1.273e+002



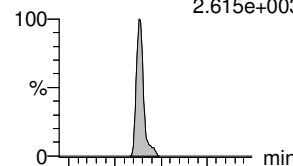
PFTrDA

F72:MRM of 2 channels,ES-
662.9 > 618.9
9.229e+003



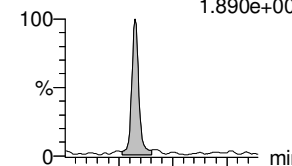
PFDoS

F73:MRM of 2 channels,ES-
698.9 > 80
2.615e+003

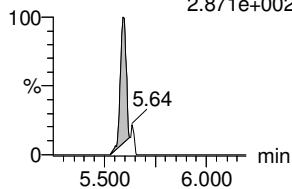


PFTeDA

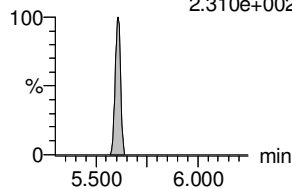
F74:MRM of 2 channels,ES-
713.0 > 669.0
1.890e+004



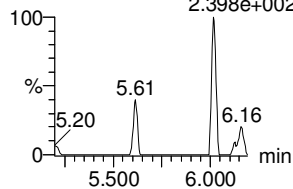
F67:MRM of 2 channels,ES-
626.9 > 81
2.871e+002



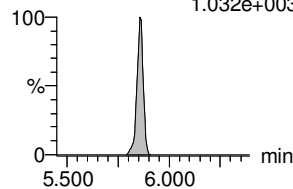
F63:MRM of 2 channels,ES-
612.9 > 318.8
2.310e+002



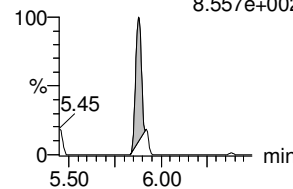
F44:MRM of 2 channels,ES-
512.1 > 219
2.398e+002



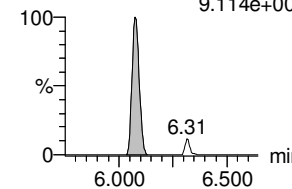
F72:MRM of 2 channels,ES-
662.9 > 319
1.032e+003



F73:MRM of 2 channels,ES-
698.9 > 99
8.557e+002

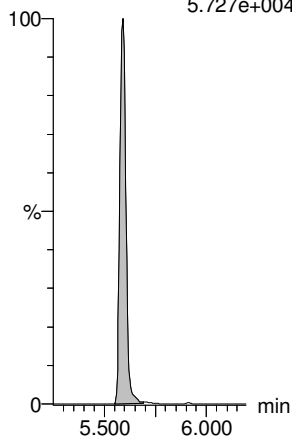


F74:MRM of 2 channels,ES-
713.0 > 369.0
9.114e+002



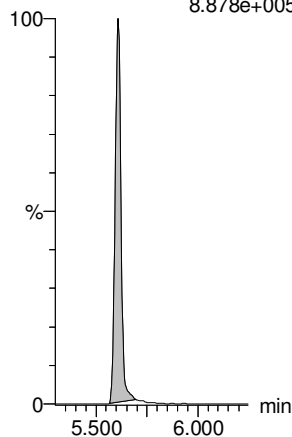
13C2-10:2 FTS-EIS

IB IBF70:MRM of 1 channel,ES-
633 > 79.9
5.727e+004



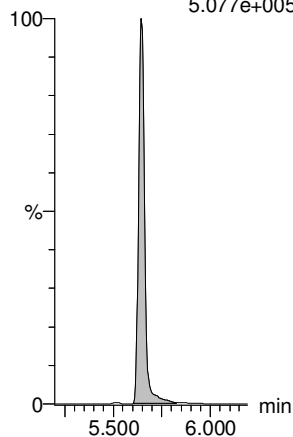
13C2-PFDoA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
8.878e+005



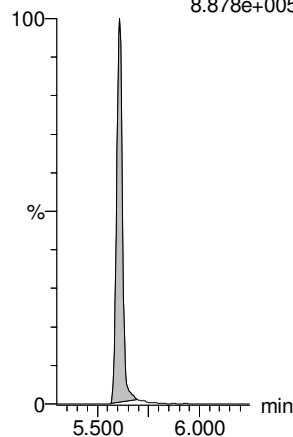
d3-N-MeFOSA-EIS

IB IBF47:MRM of 1 channel,ES-
515.2 > 168.9
5.077e+005



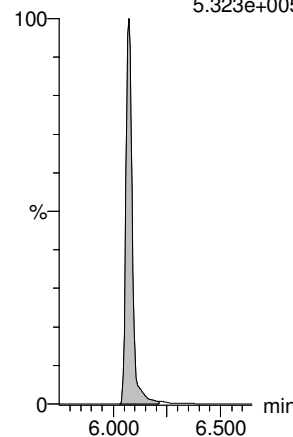
13C2-PFDoA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
8.878e+005



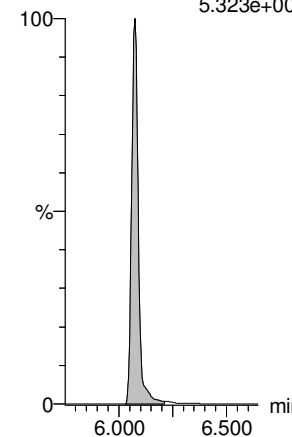
13C2-PFTeDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.323e+005



13C2-PFTeDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.323e+005



Dataset: Untitled

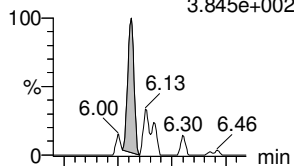
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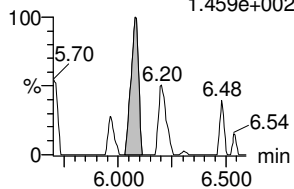
Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

N-EtFOSA

F49:MRM of 2 channels,ES-
526.1 > 168.9
3.845e+002

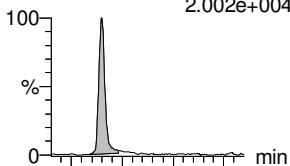


F49:MRM of 2 channels,ES-
526.1 > 219
1.459e+002

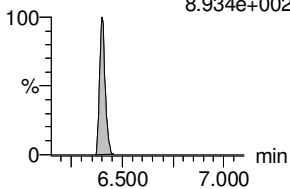


PFHxDA

F76:MRM of 2 channels,ES-
813.1 > 768.6
2.002e+004

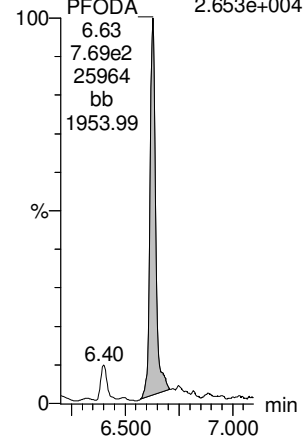


F76:MRM of 2 channels,ES-
813.1 > 219
8.934e+002



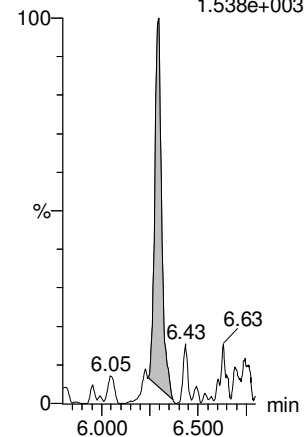
PFODA

IB IBF78:MRM of 1 channel,ES-
913 > 869
2.653e+004



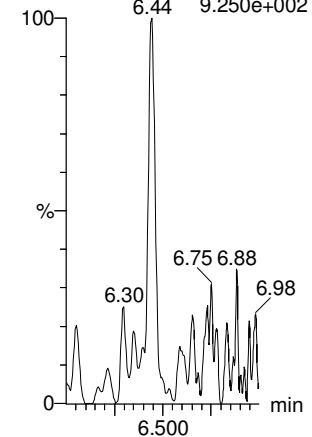
N-MeFOSE

IB IBF65:MRM of 1 channel,ES-
616.1 > 58.9
1.538e+003



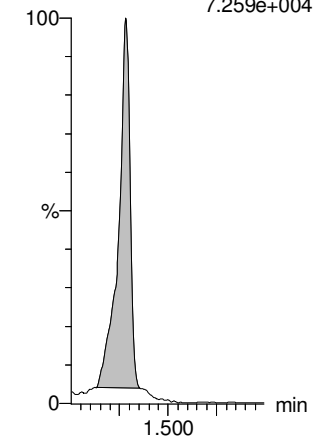
N-EtFOSE

IB IBF68:MRM of 1 channel,ES-
630.1 > 58.9
9.250e+002



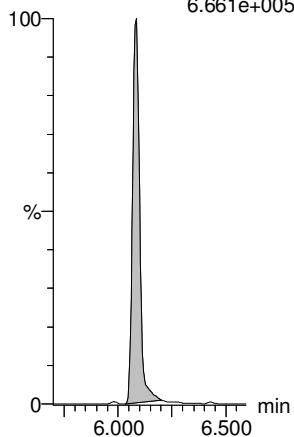
13C3-PFBA-RSD

IB IB F3:MRM of 1 channel,ES-
216.1 > 171.8
7.259e+004



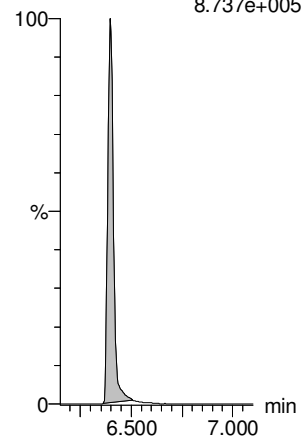
d5-N-ETFOSA-EIS

IB IBF53:MRM of 1 channel,ES-
531.1 > 168.9
6.661e+005



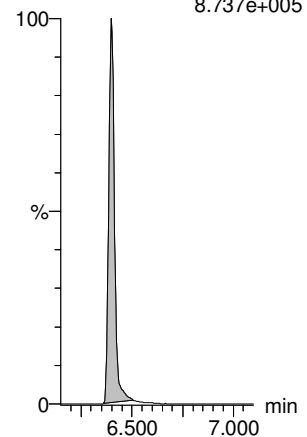
13C2-PFHxDA-EIS

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
8.737e+005



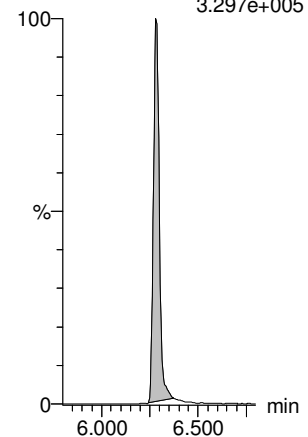
13C2-PFHxDA-EIS

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
8.737e+005



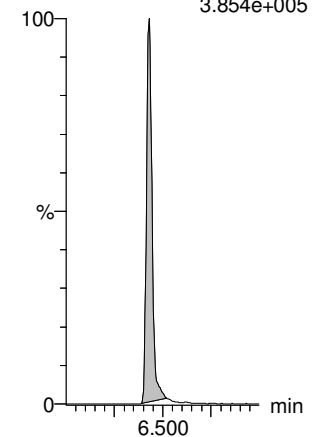
d7-N-MeFOSE-EIS

IB IBF66:MRM of 1 channel,ES-
623.1 > 58.9
3.297e+005



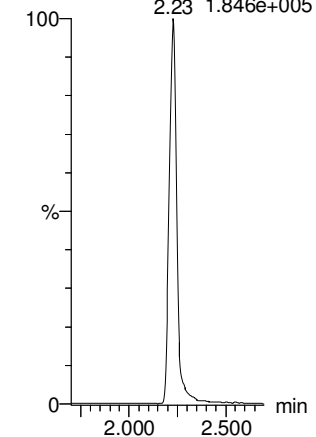
d9-N-EtFOSE-EIS

IB IBF71:MRM of 1 channel,ES-
639.2 > 58.8
3.854e+005



13C3-PFPeA-RSD

IB IB F8:MRM of 1 channel,ES-
266.0 > 221.8
1.846e+005



Dataset: Untitled

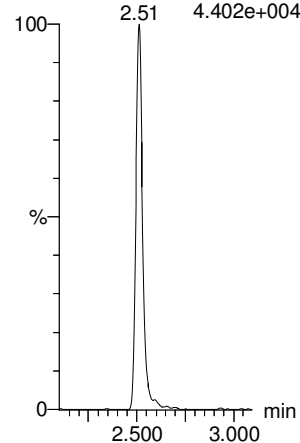
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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

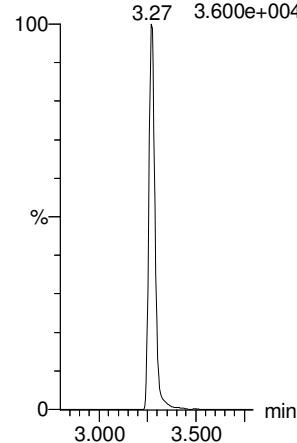
13C3-PFBS-RSD

IB IBF12:MRM of 1 channel,ES-
302.0 > 99
4.402e+004



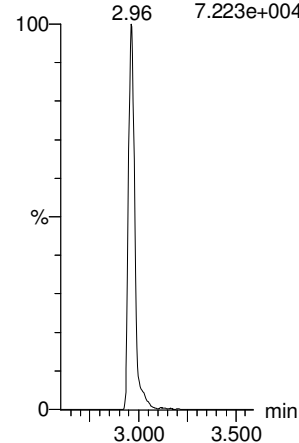
13C3-HFPO-DA-RSD

IB IBF10:MRM of 1 channel,ES-
287.0 > 168.9
3.600e+004



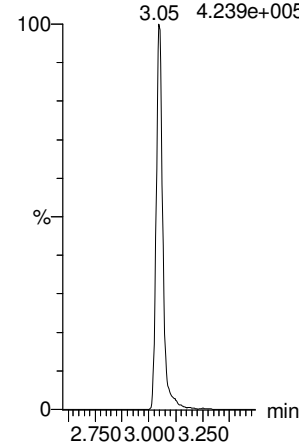
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.223e+004



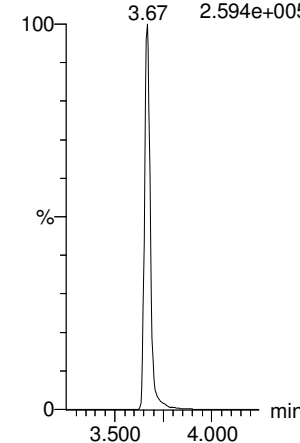
13C2-PFHxA-RSD

IB IBF14:MRM of 1 channel,ES-
315.0 > 270.0
4.239e+005



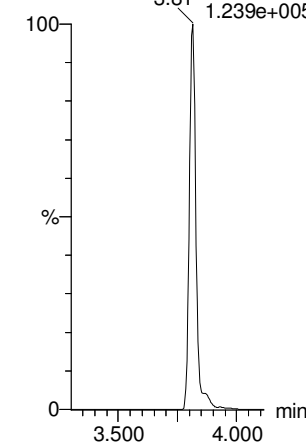
13C4-PFHpA-RSD

IB IBF21:MRM of 1 channel,ES-
367.2 > 321.8
2.594e+005



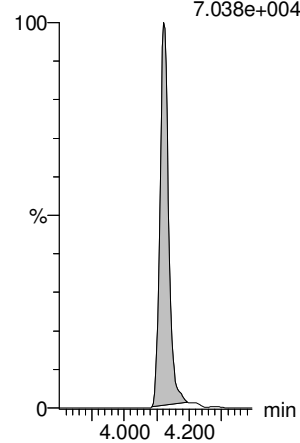
13C3-PFHxS-RSD

IB IBF24:MRM of 1 channel,ES-
401.8 > 79.9
1.239e+005



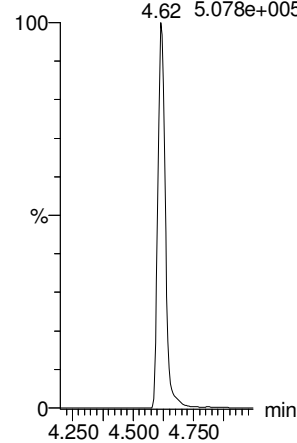
13C2-6:2 FTS-RSD

IB IBF30:MRM of 1 channel,ES-
429.0 > 79.9
7.038e+004



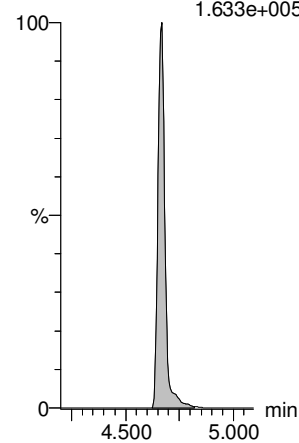
13C5-PFNA-RSD

IB IBF36:MRM of 1 channel,ES-
468.2 > 422.9
5.078e+005



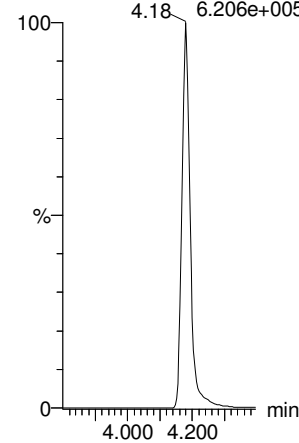
13C8-PFOA-RSD

IB IBF42:MRM of 1 channel,ES-
506. > 78
1.633e+005



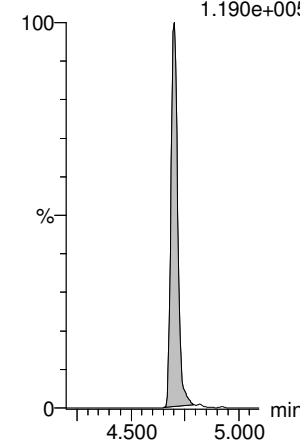
13C2-PFOA-RSD

IB IBF27:MRM of 1 channel,ES-
414.9 > 369.7
6.206e+005



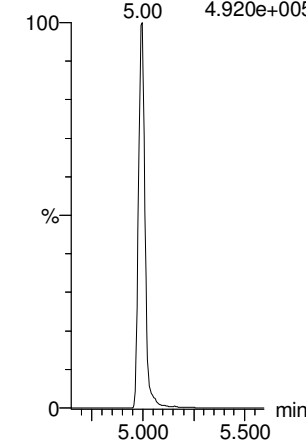
13C8-PFOS-RSD

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.190e+005



13C2-PFDA-RSD

IB IBF46:MRM of 1 channel,ES-
515.1 > 469.9
4.920e+005



Dataset: Untitled

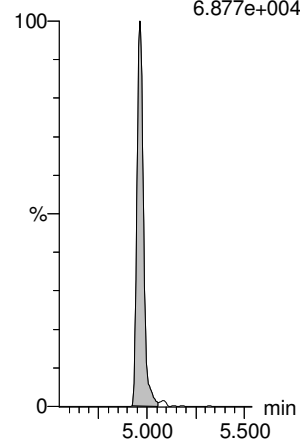
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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

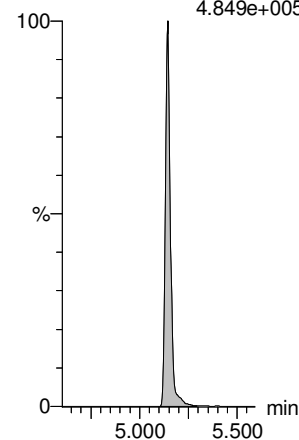
13C2-8:2 FTS-RSD

IB IBF51:MRM of 1 channel,ES-
528.9 > 79.9
6.877e+004



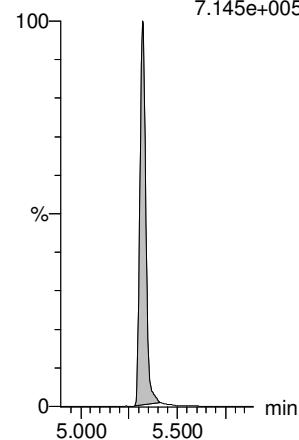
d3-N-MeFOSAA-RSD

IB IBF59:MRM of 1 channel,ES-
573. > 419
4.849e+005



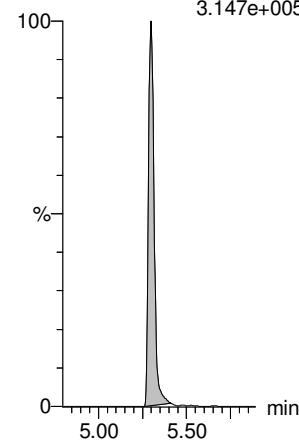
13C2-PFUdA-RSD

IB IBF56:MRM of 1 channel,ES-
565 > 519.8
7.145e+005



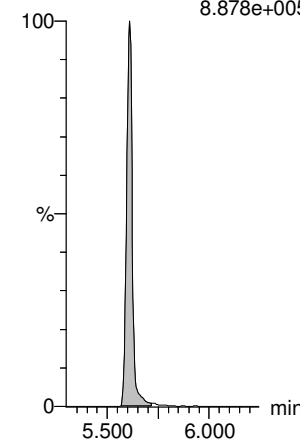
d5-N-EtFOSAA-RSD

IB IBF61:MRM of 1 channel,ES-
589. > 419
3.147e+005



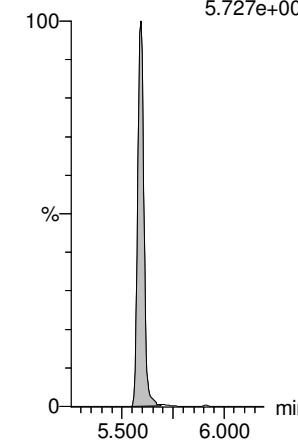
13C2-PFDoA-RSD

IB IBF64:MRM of 1 channel,ES-
615 > 570
8.878e+005



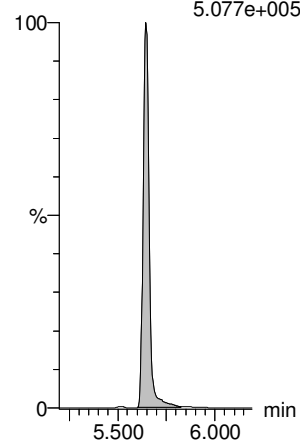
13C2-10:2 FTS-RSD

IB IBF70:MRM of 1 channel,ES-
633 > 79.9
5.727e+004



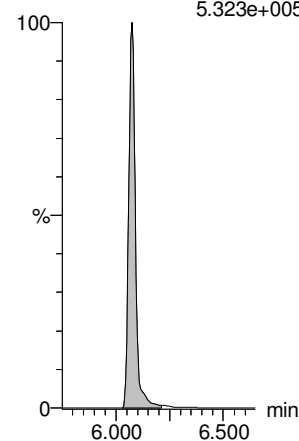
d3-N-MeFOSA-RSD

IB IBF47:MRM of 1 channel,ES-
515.2 > 168.9
5.077e+005



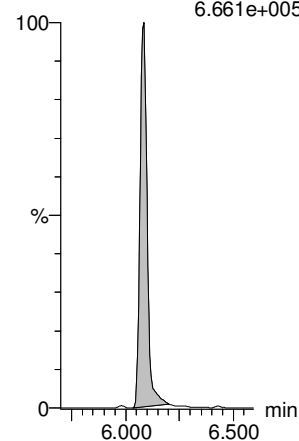
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.323e+005



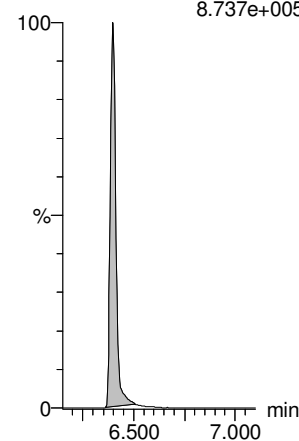
d5-N-ETFOSA-RSD

IB IBF53:MRM of 1 channel,ES-
531.1 > 168.9
6.661e+005



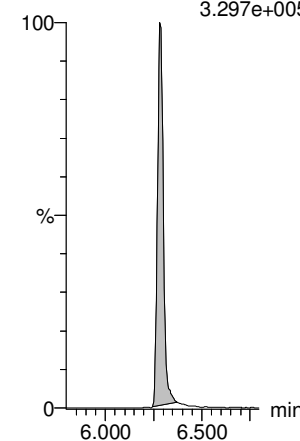
13C2-PFHxDA-RSD

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
8.737e+005



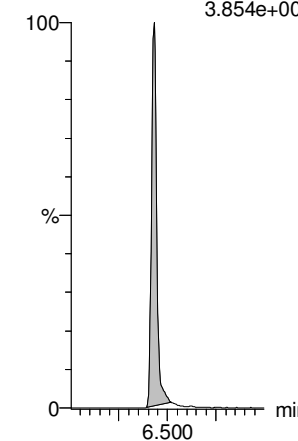
d7-N-MeFOSE-RSD

IB IBF66:MRM of 1 channel,ES-
623.1 > 58.9
3.297e+005



d9-N-EtFOSE-RSD

IB IBF71:MRM of 1 channel,ES-
639.2 > 58.8
3.854e+005



Dataset: Untitled

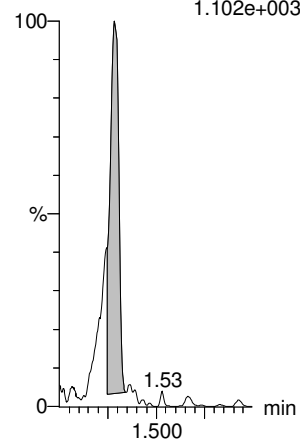
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Printed: Thursday, July 16, 2020 11:07:27 Pacific Daylight Time

Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

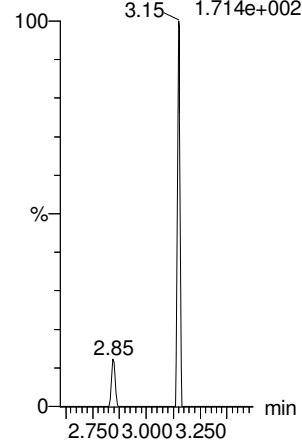
13C4-PFBA

IB IB F4:MRM of 1 channel,ES-
217.0 > 172.0
1.102e+003



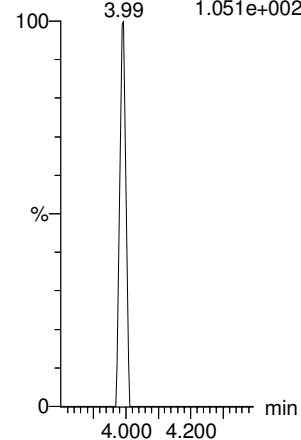
13C5-PFHxA

IB IB F15:MRM of 1 channel,ES-
318.0 > 272.9
1.714e+002



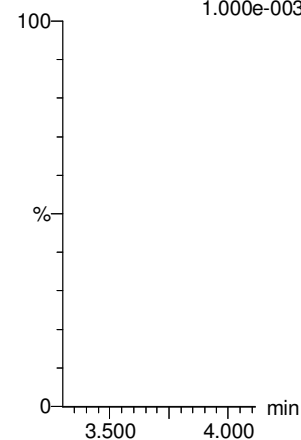
13C8-PFOA

IB IB F28:MRM of 1 channel,ES-
420.9 > 376.0
1.051e+002



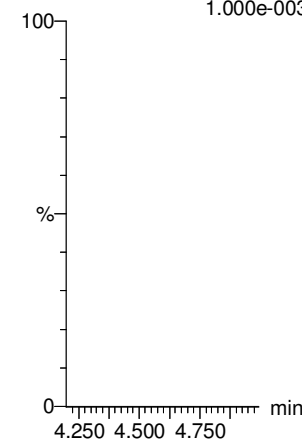
18O2-PFHxS

IB IB F25:MRM of 1 channel,ES-
- 403.0 > 103.0
1.000e-003



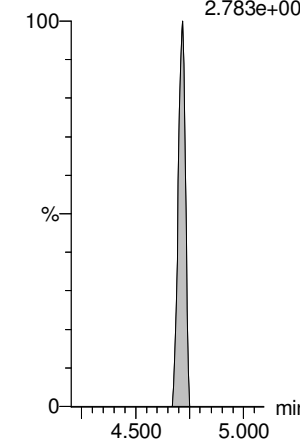
13C9-PFNA

IB IB F37:MRM of 1 channel,ES-
- 472.2 > 426.9
1.000e-003



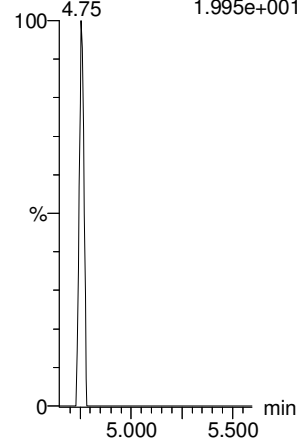
13C4-PFOS

IB IB F41:MRM of 1 channel,ES-
503 > 80.0
2.783e+002



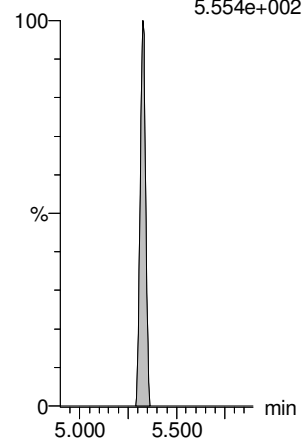
13C6-PFDA

IB IB F48:MRM of 1 channel,ES-
519.1 > 473.7
1.995e+001



13C7-PFUdA

IB IB F58:MRM of 1 channel,ES-
570.1 > 524.8
5.554e+002



Dataset: Untitled

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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	6.227	4701.382	1.00	1.33	0.017		0.0823				
2	2 PFPrS	248.9 > 79.9		1711.878	1.00								
3	3 3:3 FTCA	241.1 > 177.0		7882.732	1.00								
4	4 PFPeA	263.1 > 218.9	5.331	7882.732	1.00	2.08	0.008		0.0152				
5	5 PFBS	299.0 > 79.7		1711.878	1.00								
6	6 4:2 FTS	327.0 > 306.9		2681.477	1.00								
7	47 13C3-PFBA-EIS	216.1 > 171.8	4701.382		1.00	1.28	4701.382	12.500	13.5	108.0			NO
8	51 13C3-PFBS-EIS	302.0 > 99	1711.878		1.00	2.51	1711.878	12.500	12.9	103.2			NO
9	49 13C3-PFPeA-EIS	266.0 > 221.8	7882.732		1.00	2.23	7882.732	12.500	12.5	100.1			NO
10	49 13C3-PFPeA-EIS	266.0 > 221.8	7882.732		1.00	2.23	7882.732	12.500	12.5	100.1			NO
11	51 13C3-PFBS-EIS	302.0 > 99	1711.878		1.00	2.51	1711.878	12.500	12.9	103.2			NO
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9	2681.477		1.00	2.96	2681.477	12.500	11.9	95.3			NO
13	-1												
14	7 PFHxA	313.0 > 269.0	66.310	14829.404	1.00	3.05	0.056		0.0470				NO
15	8 PFPeS	349.0 > 80.0		1711.878	1.00								NO
16	9 HFPO-DA	285.1 > 168.9		1257.637	1.00								NO
17	10 5:3 FTCA	340.9 > 236.9		8625.975	1.00								NO
18	11 PFHpA	363.0 > 318.9	22.020	8625.975	1.00	3.61	0.032		0.0230				NO
19	12 ADONA	376.8 > 250.9	10.898	8625.975	1.00	3.77	0.016						NO
20	57 13C2-PFHxA-EIS	315.0 > 270.0	14829.404		1.00	3.05	14829.404	12.500	13.0	104.0			NO
21	51 13C3-PFBS-EIS	302.0 > 99	1711.878		1.00	2.51	1711.878	12.500	12.9	103.2			NO
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	1257.637		1.00	3.27	1257.637	12.500	13.2	105.2			NO
23	59 13C4-PFHpA-EIS	367.2 > 321.8	8625.975		1.00	3.67	8625.975	12.500	12.7	101.7			NO
24	59 13C4-PFHpA-EIS	367.2 > 321.8	8625.975		1.00	3.67	8625.975	12.500	12.7	101.7			NO
25	59 13C4-PFHpA-EIS	367.2 > 321.8	8625.975		1.00	3.67	8625.975	12.500	12.7	101.7			NO
26	-1												
27	13 L-PFHxS	399 > 80.0		3940.911	1.00								NO
28	15 6:2 FTS	427 > 407.0		2223.923	1.00								NO
29	16 L-PFOA	412.8 > 368.9	27.223	18654.504	1.00	4.19	0.018						NO
30	18 PFecHS	460.8 > 381.0	5.687	18654.504	1.00	4.08	0.004		0.0816			0.958	NO
31	19 PFHpS	448.9 > 80.0		4394.348	1.00								NO
32	20 7:3 FTCA	441.0 > 337.0		17554.930	1.00								NO
33	61 13C3-PFHxS-EIS	401.8 > 79.9	3940.911		1.00	3.81	3940.911	12.500	13.1	105.0			NO
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9	2223.923		1.00	4.12	2223.923	12.500	12.4	99.4			NO
35	69 13C2-PFOA-EIS	414.9 > 369.7	18654.504		1.00	4.18	18654.504	12.500	13.5	108.2			NO
36	69 13C2-PFOA-EIS	414.9 > 369.7	18654.504		1.00	4.18	18654.504	12.500	13.5	108.2			NO

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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	4394.348		1.00	4.70	4394.348	12.500	13.5	108.0	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	17554.930		1.00	4.62	17554.930	12.500	12.9	103.5	NO		
39	-1												
40	21 PFNA	463.0 > 418.8		17554.930	1.00						NO		
41	22 PFOSA	498.0 > 78.0	25.244	6314.237	1.00	4.66	0.050				NO		
42	23 L-PFOS	499 > 80	27.738	4394.348	1.00	4.70	0.079		0.159		NO		
43	25 9CI-PF30NS	531 > 351.0		4394.348	1.00						NO		
44	26 PFDA	513 > 468.8	70.644	17581.195	1.00	5.01	0.050				NO		
45	27 8:2 FTS	526.9 > 507.0	7.233	2533.474	1.00	4.97	0.036				NO		
46	65 13C5-PFNA-EIS	468.2 > 422.9	17554.930		1.00	4.62	17554.930	12.500	12.9	103.5	NO		
47	67 13C8-PFOSA-EIS	506. > 78	6314.237		1.00	4.67	6314.237	12.500	13.0	104.1	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	4394.348		1.00	4.70	4394.348	12.500	13.5	108.0	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	4394.348		1.00	4.70	4394.348	12.500	13.5	108.0	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	17581.195		1.00	5.00	17581.195	12.500	13.6	108.4	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2533.474		1.00	4.96	2533.474	12.500	12.9	103.4	NO		
52	-1												
53	28 PFNS	548.9 > 79.9		4394.348	1.00						NO		
54	29 L-MeFOSAA	570 > 419	8.342	14547.329	1.00	5.15	0.007		0.0422		NO		
55	31 L-EtFOSAA	583.9 > 419		11383.651	1.00						NO		
56	33 PFUdA	563.0 > 518.9	153.304	24968.045	1.00	5.32	0.077		0.0652		NO		
57	34 PFDS	599.0 > 80.0		4394.348	1.00						NO		
58	35 11CI-PF30UdS	630.9 > 450.9	43.321	28324.574	1.00	5.53	0.019		0.0236		NO		
59	73 13C8-PFOS-EIS	507.0 > 80	4394.348		1.00	4.70	4394.348	12.500	13.5	108.0	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	14547.329		1.00	5.14	14547.329	12.500	14.1	113.2	NO		
61	83 d5-N-EtFOSAA-EIS	589. > 419	11383.651		1.00	5.30	11383.651	12.500	11.4	90.8	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	24968.045		1.00	5.32	24968.045	12.500	12.6	100.8	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	4394.348		1.00	4.70	4394.348	12.500	13.5	108.0	NO		
64	85 13C2-PFDoA-EIS	615 > 570	28324.574		1.00	5.61	28324.574	12.500	11.9	95.3	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	43.223	1965.713	1.00	5.60	0.275		0.0788		NO	5.191	YES
67	37 PFDoA	612.9 > 569.0	289.742	28324.574	1.00	5.64	0.128		0.00620		NO	42.416	YES
68	38 N-MeFOSA	512.1 > 168.9		17677.881	1.00						NO		
69	39 PFTTrDA	662.9 > 618.9	320.515	28324.574	1.00	5.86	0.141		0.0840		NO	8.340	NO
70	40 PFDoS	698.9 > 80	114.725	18801.447	1.00	5.88	0.076		0.322		NO	4.415	YES
71	41 PFTeDA	713.0 > 669.0	710.548	18801.447	1.00	6.07	0.472		0.275		NO	20.529	NO
72	87 13C2-10:2 FTS-EIS	633 > 79.9	1965.713		1.00	5.59	1965.713	12.500	12.8	102.6	NO		

Dataset: Untitled

Last Altered: Thursday, July 16, 2020 11:07:18 Pacific Daylight Time

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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFDoA-EIS	615 > 570	28324.574		1.00	5.61	28324.574	12.500	11.9	95.3	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	17677.881		1.00	5.64	17677.881	149.200	135	90.7	NO		
75	85 13C2-PFDoA-EIS	615 > 570	28324.574		1.00	5.61	28324.574	12.500	11.9	95.3	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	18801.447		1.00	6.07	18801.447	12.500	12.4	98.8	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	18801.447		1.00	6.07	18801.447	12.500	12.4	98.8	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	12.535	24940.955	1.00	6.06	0.075	0.0141			NO	2.139	NO
80	43 PFHxDA	813.1 > 768.6	697.140	28116.994	1.00	6.40	0.310	0.388			NO	25.003	NO
81	44 PFOA	913 > 869	768.976	28116.994	1.00	6.63	0.342	0.340			NO		
82	45 N-MeFOSE	616.1 > 58.9	59.009	11091.317	1.00	6.30	0.794	0.878			NO		
83	46 N-EtFOSE	630.1 > 58.9		12338.968	1.00						NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	4701.382	52.925	1.00	1.28	1110.388	12.500	1610	12859.8	YES		
85	93 d5-N-ETFOSE-EIS	531.1 > 168.9	24940.955		1.00	6.08	24940.955	149.200	131	87.9	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	28116.994		1.00	6.40	28116.994	12.500	12.9	103.0	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	28116.994		1.00	6.40	28116.994	12.500	12.9	103.0	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	11091.317		1.00	6.28	11091.317	149.200	126	84.7	NO		
89	99 d9-N-EtFOSE-EIS	639.2 > 58.8	12338.968		1.00	6.43	12338.968	149.200	135	90.6	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99			1.00			12.500			NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9			1.00			12.500			NO		
94	56 13C2-4:2 FTS-RSD	329.0 > 79.9			1.00			12.500			NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8			1.00			12.500			NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9			1.00			12.500			NO		
98	64 13C2-6:2 FTS-RSD	429.0 > 79.9	2223.923	10.466	1.00	4.12	2656.128	12.500	5000	40011.9	YES		
99	66 13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68 13C8-PFOA-RSD	506. > 78	6314.237	19.659	1.00	4.67	4014.851	12.500	17900	14292...	YES		
101	70 13C2-PFOA-RSD	414.9 > 369.7			1.00			12.500			NO		
102	74 13C8-PFOS-RSD	507.0 > 80	4394.348	10.466	1.00	4.70	5248.361	12.500	5280	42256.4	YES		
103	76 13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1												
105	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2579.170	10.466	1.00	4.96	3080.415	12.500	5320	42551.8	YES		
106	80 d3-N-MeFOSAA-RSD	573. > 419	14547.329	19.659	1.00	5.14	9249.790	12.500	18200	14585...	YES		
107	82 13C2-PFUdA-RSD	565 > 519.8	24968.045	19.659	1.00	5.32	15875.709	12.500	17800	14269...	YES		
108	84 d5-N-EtFOSAA-RSD	589. > 419	11383.651	19.659	1.00	5.30	7238.193	12.500	16300	13032...	YES		

Dataset: Untitled

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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86 13C2-PFDoA-RSD	615 > 570	29082.549		1.00	5.61		12.500					
110	88 13C2-10:2 FTS-RSD	633 > 79.9	1965.713	10.466	1.00	5.59	2347.737	12.500	5720	45768.6			YES
111	90 d3-N-MeFOSA-RSD	515.2 > 168.9	17677.881	19.659	1.00	5.64	11240.323	149.200	178000	11929...			YES
112	92 13C2-PFTeDA-RSD	715.1 > 669.7	18801.447	19.659	1.00	6.07	11954.733	12.500	16900	13533...			YES
113	94 d5-N-ETFOSA-RSD	531.1 > 168.9	24940.955	19.659	1.00	6.08	15858.484	149.200	180000	12033...			YES
114	96 13C2-PFHxDA-RSD	815 > 769.7	28116.994	19.659	1.00	6.40	17877.940	12.500	16500	13198...			YES
115	98 d7-N-MeFOSE-RSD	623.1 > 58.9	11091.317	19.659	1.00	6.28	7052.315	149.200	174000	11657...			YES
116	1... d9-N-EtFOSE-RSD	639.2 > 58.8	12338.968	19.659	1.00	6.43	7845.623	149.200	172000	11552...			YES
117	-1												
118	1... 13C4-PFBA	217.0 > 172.0	52.925	52.925	1.00	1.28	12.500	12.500	12.5	100.0			NO
119	1... 13C5-PFHxA	318.0 > 272.9			1.00			12.500					NO
120	1... 13C8-PFOA	420.9 > 376.0			1.00			12.500					NO
121	1... 18O2-PFHxS	403.0 > 103.0			1.00			12.500					NO
122	1... 13C9-PFNA	472.2 > 426.9			1.00			12.500					NO
123	1... 13C4-PFOS	503 > 80.0	10.466	10.466	1.00	4.72	12.500	12.500	12.5	100.0			NO
124	1... 13C6-PFDA	519.1 > 473.7			1.00			12.500					NO
125	1... 13C7-PFUDa	570.1 > 524.8	19.659	19.659	1.00	5.32	12.500	12.500	12.5	100.0			NO

LC Calibration Standards Review Checklist

Q4

Calibration ID:	L M H	ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	
ST200715MI-11	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	NIA <input checked="" type="checkbox"/>
_____	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Full Mass Cal. Date: 20200714

- Run Log Present:
- # of Samples per Sequence Checked:
- Instrument Blank Saved:
- All Branches in Acquisition Window:
- IIS Area Saved: NIA

Reviewed By: RV 02/16/20
 Initials/Date

Comments:

Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-30.qld

Last Altered: Thursday, July 16, 2020 12:03:02 Pacific Daylight Time

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Name: 200715M1_30, Date: 15-Jul-2020, Time: 18:18:50, ID: ST200715M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	4578.900	4292.062	1.00	1.29	13.335	10.000	9.53	95.3	NO		
2	2 PFPrS	248.9 > 79.9	2139.248	1702.144	1.00	1.62	15.710	10.000	10.8	108.1	NO	2.427	NO
3	3 3:3 FTCA	241.1 > 177.0	355.559	7872.726	1.00	2.10	0.565	10.000	9.43	94.3	NO	1.820	NO
4	4 PFPeA	263.1 > 218.9	5928.442	7872.726	1.00	2.24	9.413	10.000	9.92	99.2	NO		
5	5 PFBS	299.0 > 79.7	2800.738	1702.144	1.00	2.52	20.568	10.000	10.5	104.6	NO	2.481	NO
6	6 4:2 FTS	327.0 > 306.9	5610.069	2488.469	1.00	2.97	28.180	10.000	10.9	108.5	NO	1.770	NO
7	47 13C3-PFBA-EIS	216.1 > 171.8	4292.062		1.00	1.29	4292.062	12.500	12.3	98.6	NO		
8	51 13C3-PFBS-EIS	302.0 > 99	1702.144		1.00	2.52	1702.144	12.500	12.8	102.6	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8	7872.726		1.00	2.24	7872.726	12.500	12.5	99.9	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8	7872.726		1.00	2.24	7872.726	12.500	12.5	99.9	NO		
11	51 13C3-PFBS-EIS	302.0 > 99	1702.144		1.00	2.52	1702.144	12.500	12.8	102.6	NO		
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9	2488.469		1.00	2.97	2488.469	12.500	11.1	88.4	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0	12859.501	14865.154	1.00	3.05	10.813	10.000	10.0	100.2	NO	17.210	NO
15	8 PFPeS	349.0 > 80.0	3274.145	1702.144	1.00	3.26	24.044	10.000	10.4	104.5	NO	1.622	NO
16	9 HFPO-DA	285.1 > 168.9	840.076	1253.530	1.00	3.28	8.377	10.000	9.20	92.0	NO	1.924	NO
17	10 5:3 FTCA	340.9 > 236.9	2056.567	8846.088	1.00	3.61	2.906	10.000	9.29	92.9	NO	1.472	NO
18	11 PFHpA	363.0 > 318.9	8832.324	8846.088	1.00	3.67	12.481	10.000	9.97	99.7	NO	10.517	NO
19	12 ADONA	376.8 > 250.9	32608.213	8846.088	1.00	3.78	46.077	10.000	10.4	103.9	NO	3.833	NO
20	57 13C2-PFHxA-EIS	315.0 > 270.0	14865.154		1.00	3.05	14865.154	12.500	13.0	104.3	NO		
21	51 13C3-PFBS-EIS	302.0 > 99	1702.144		1.00	2.52	1702.144	12.500	12.8	102.6	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	1253.530		1.00	3.28	1253.530	12.500	13.1	104.9	NO		
23	59 13C4-PFHpA-EIS	367.2 > 321.8	8846.088		1.00	3.67	8846.088	12.500	13.0	104.3	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8	8846.088		1.00	3.67	8846.088	12.500	13.0	104.3	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8	8846.088		1.00	3.67	8846.088	12.500	13.0	104.3	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0	3424.772	3846.394	1.00	3.82	11.130	10.000	10.3	103.3	NO	1.587	NO
28	15 6:2 FTS	427 > 407.0	6249.310	2484.217	1.00	4.13	31.445	10.000	9.95	99.5	NO	2.579	NO
29	16 L-PFOA	412.8 > 368.9	20806.447	17855.615	1.00	4.18	14.566	10.000	9.67	96.7	NO	3.884	NO
30	18 PFecHS	460.8 > 381.0	5861.058	17855.615	1.00	4.20	4.103	10.000	9.21	92.1	NO	0.934	NO
31	19 PFHpS	448.9 > 80.0	3560.912	4508.965	1.00	4.29	9.872	10.000	11.1	110.8	NO	1.912	NO
32	20 7:3 FTCA	441.0 > 337.0	3856.551	16665.729	1.00	4.61	2.893	10.000	10.1	101.1	NO	1.511	NO
33	61 13C3-PFHxS-EIS	401.8 > 79.9	3846.394		1.00	3.82	3846.394	12.500	12.8	102.5	NO		
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9	2484.217		1.00	4.13	2484.217	12.500	13.9	111.0	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7	17855.615		1.00	4.18	17855.615	12.500	12.9	103.6	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7	17855.615		1.00	4.18	17855.615	12.500	12.9	103.6	NO		

Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-30.qld

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Name: 200715M1_30, Date: 15-Jul-2020, Time: 18:18:50, ID: ST200715M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	4508.965		1.00	4.70	4508.965	12.500	13.9	110.8	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	16665.729		1.00	4.62	16665.729	12.500	12.3	98.2	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	17625.316	16665.729	1.00	4.62	13.220	10.000	10.9	108.6	NO	4.092	NO
41	22 PFOSA	498.0 > 78.0	4397.091	5566.448	1.00	4.67	9.874	10.000	9.81	98.1	NO	26.091	NO
42	23 L-PFOS	499 > 80	3751.246	4508.965	1.00	4.70	10.399	10.000	10.1	101.1	NO	2.053	NO
43	25 9Cl-PF30NS	531 > 351.0	13606.797	4508.965	1.00	4.93	37.722	10.000	10.2	101.9	NO	22.153	NO
44	26 PFDA	513 > 468.8	18369.205	16893.180	1.00	5.00	13.592	10.000	9.57	95.7	NO	5.502	NO
45	27 8:2 FTS	526.9 > 507.0	5555.167	2558.773	1.00	4.97	27.138	10.000	10.9	108.7	NO	1.824	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	16665.729		1.00	4.62	16665.729	12.500	12.3	98.2	NO		
47	67 13C8-PFOSA-EIS	506. > 78	5566.448		1.00	4.67	5566.448	12.500	11.5	91.8	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	4508.965		1.00	4.70	4508.965	12.500	13.9	110.8	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	4508.965		1.00	4.70	4508.965	12.500	13.9	110.8	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	16893.180		1.00	5.00	16893.180	12.500	13.0	104.2	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2558.773		1.00	4.97	2558.773	12.500	13.1	104.4	NO		
52	-1												
53	28 PFNS	548.9 > 79.9	3737.422	4508.965	1.00	5.06	10.361	10.000	9.82	98.2	NO	1.577	NO
54	29 L-MeFOSAA	570 > 419	10211.217	13296.612	1.00	5.15	9.599	10.000	10.6	106.5	NO	2.936	NO
55	31 L-EtFOSAA	583.9 > 419	9253.417	12697.050	1.00	5.31	9.110	10.000	10.0	100.3	NO	1.317	NO
56	33 PFUdA	563.0 > 518.9	19091.553	26293.354	1.00	5.32	9.076	10.000	9.43	94.3	NO	9.007	NO
57	34 PFDS	599.0 > 80.0	2848.345	4508.965	1.00	5.37	7.896	10.000	9.10	91.0	NO	1.315	NO
58	35 11Cl-PF30UdS	630.9 > 450.9	12941.070	29956.199	1.00	5.54	5.400	10.000	10.1	100.6	NO	24.445	NO
59	73 13C8-PFOS-EIS	507.0 > 80	4508.965		1.00	4.70	4508.965	12.500	13.9	110.8	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	13296.612		1.00	5.15	13296.612	12.500	12.9	103.4	NO		
61	83 d5-N-EtFOSAA-EIS	589. > 419	12697.050		1.00	5.31	12697.050	12.500	12.7	101.3	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	26293.354		1.00	5.32	26293.354	12.500	13.3	106.1	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	4508.965		1.00	4.70	4508.965	12.500	13.9	110.8	NO		
64	85 13C2-PFDoA-EIS	615 > 570	29956.199		1.00	5.61	29956.199	12.500	12.6	100.8	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	4908.180	1824.192	1.00	5.60	33.633	10.000	10.7	106.8	NO	1.612	NO
67	37 PFDoA	612.9 > 569.0	23323.711	29956.199	1.00	5.61	9.732	10.000	10.2	102.2	NO	8.785	NO
68	38 N-MeFOSA	512.1 > 168.9	6753.180	19487.316	1.00	5.62	51.704	50.000	51.7	103.5	NO	1.412	NO
69	39 PFTTrDA	662.9 > 618.9	20698.357	29956.199	1.00	5.86	8.637	10.000	9.78	97.8	NO	9.194	NO
70	40 PFDoS	698.9 > 80	4255.776	18869.826	1.00	5.88	2.819	10.000	11.2	111.5	NO	1.792	NO
71	41 PFTeDA	713.0 > 669.0	23541.287	18869.826	1.00	6.07	15.595	10.000	10.3	102.8	NO	13.965	NO
72	87 13C2-10:2 FTS-EIS	633 > 79.9	1824.192		1.00	5.59	1824.192	12.500	11.9	95.2	NO		

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Name: 200715M1_30, Date: 15-Jul-2020, Time: 18:18:50, ID: ST200715M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFD _o A-EIS	615 > 570	29956.199		1.00	5.61	29956.199	12.500	12.6	100.8	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	19487.316		1.00	5.65	19487.316	149.200	149	100.0	NO		
75	85 13C2-PFD _o A-EIS	615 > 570	29956.199		1.00	5.61	29956.199	12.500	12.6	100.8	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	18869.826		1.00	6.07	18869.826	12.500	12.4	99.2	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	18869.826		1.00	6.07	18869.826	12.500	12.4	99.2	NO		
78	-1												
79	42 N-EiFOSA	526.1 > 168.9	8355.490	29096.654	1.00	6.07	42.845	50.000	50.2	100.5	NO	1.409	NO
80	43 PFHxDA	813.1 > 768.6	14393.516	28874.385	1.00	6.40	6.231	10.000	10.3	103.0	NO	26.725	NO
81	44 PFODA	913 > 869	24278.102	28874.385	1.00	6.63	10.510	10.000	9.95	99.5	NO		
82	45 N-MeFOSE	616.1 > 58.9	3923.106	12359.856	1.00	6.29	47.357	50.000	45.1	90.3	NO		
83	46 N-EiFOSE	630.1 > 58.9	5211.076	14689.535	1.00	6.44	52.928	50.000	49.3	98.6	NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	4276.604	6064.248	1.00	1.29	8.815	12.500	12.8	102.1	NO		
85	93 d5-N-ETFOSA-EIS	531.1 > 168.9	29096.654		1.00	6.08	29096.654	149.200	153	102.5	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	28874.385		1.00	6.40	28874.385	12.500	13.2	105.7	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	28874.385		1.00	6.40	28874.385	12.500	13.2	105.7	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	12359.856		1.00	6.28	12359.856	149.200	141	94.4	NO		
89	99 d9-N-EiFOSE-EIS	639.2 > 58.8	14689.535		1.00	6.43	14689.535	149.200	161	107.9	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	7872.726	17265.689	1.00	2.24	5.700	12.500	12.2	97.2	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1700.970	2120.170	1.00	2.52	10.029	12.500	13.0	104.4	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	1253.530	17265.689	1.00	3.28	0.908	12.500	12.8	102.8	NO		
94	56 13C2-4:2 FTS-RSD	329.0 > 79.9	2488.469	2120.170	1.00	2.97	14.671	12.500	11.9	95.4	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	14865.154	17265.689	1.00	3.05	10.762	12.500	12.5	100.1	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	8848.396	17265.689	1.00	3.67	6.406	12.500	12.8	102.4	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	3846.394	2120.170	1.00	3.82	22.677	12.500	12.8	102.5	NO		
98	64 13C2-6:2 FTS-RSD	429.0 > 79.9	2484.217	4592.396	1.00	4.13	6.762	12.500	12.7	101.9	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	16665.729	18438.369	1.00	4.62	11.298	12.500	12.0	95.9	NO		
100	68 13C8-PFOSA-RSD	506. > 78	5566.448	28343.357	1.00	4.67	2.455	12.500	10.9	87.4	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	17855.615	25520.730	1.00	4.18	8.746	12.500	12.6	100.6	NO		
102	74 13C8-PFOS-RSD	507.0 > 80	4508.965	4592.396	1.00	4.70	12.273	12.500	12.4	98.8	NO		
103	76 13C2-PFDA-RSD	515.1 > 469.9	16893.180	22783.236	1.00	5.00	9.268	12.500	11.8	94.7	NO		
104	-1												
105	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2558.773	4592.396	1.00	4.97	6.965	12.500	12.0	96.2	NO		
106	80 d3-N-MeFOSAA-RSD	573. > 419	13446.642	28343.357	1.00	5.15	5.930	12.500	11.7	93.5	NO		
107	82 13C2-PFUdA-RSD	565 > 519.8	26291.104	28343.357	1.00	5.32	11.595	12.500	13.0	104.2	NO		
108	84 d5-N-EiFOSAA-RSD	589. > 419	12708.256	28343.357	1.00	5.31	5.605	12.500	12.6	100.9	NO		

Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-30.qld

Last Altered: Thursday, July 16, 2020 12:03:02 Pacific Daylight Time

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Name: 200715M1_30, Date: 15-Jul-2020, Time: 18:18:50, ID: ST200715M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86 13C2-PFDoA-RSD	615 > 570	30329.752	22783.236	1.00	5.61	16.640	12.500	12.2	97.3	NO		
110	88 13C2-10:2 FTS-RSD	633 > 79.9	1824.192	4592.396	1.00	5.59	4.965	12.500	12.1	96.8	NO		
111	90 d3-N-MeFOSA-RSD	515.2 > 168.9	19624.395	28343.357	1.00	5.65	8.655	149.200	137	91.9	NO		
112	92 13C2-PFTeDA-RSD	715.1 > 669.7	18869.826	28343.357	1.00	6.07	8.322	12.500	11.8	94.2	NO		
113	94 d5-N-ETFOSA-RSD	531.1 > 168.9	29113.598	28343.357	1.00	6.08	12.840	149.200	145	97.4	NO		
114	96 13C2-PFHxDA-RSD	815 > 769.7	29199.051	28343.357	1.00	6.40	12.877	12.500	11.9	95.1	NO		
115	98 d7-N-MeFOSE-RSD	623.1 > 58.9	12432.356	28343.357	1.00	6.28	5.483	149.200	135	90.6	NO		
116	1... d9-N-EtFOSE-RSD	639.2 > 58.8	14698.254	28343.357	1.00	6.43	6.482	149.200	142	95.4	NO		
117	-1												
118	1... 13C4-PFBA	217.0 > 172.0	6064.248	6064.248	1.00	1.29	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9	17265.689	17265.689	1.00	3.05	12.500	12.500	12.5	100.0	NO		
120	1... 13C8-PFOA	420.9 > 376.0	25520.730	25520.730	1.00	4.18	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0	2120.170	2120.170	1.00	3.81	12.500	12.500	12.5	100.0	NO		
122	1... 13C9-PFNA	472.2 > 426.9	18438.369	18438.369	1.00	4.62	12.500	12.500	12.5	100.0	NO		
123	1... 13C4-PFOS	503 > 80.0	4592.396	4592.396	1.00	4.70	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7	22783.236	22783.236	1.00	5.00	12.500	12.500	12.5	100.0	NO		
125	1... 13C7-PFUdA	570.1 > 524.8	28343.357	28343.357	1.00	5.32	12.500	12.500	12.5	100.0	NO		

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 16 Jul 2020 10:04:09
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Compound name: PFBA

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1	1 200715M1_1	IPA	15-Jul-20	13:17:29
2	2 200715M1_2	IPA	15-Jul-20	13:27:55
3	3 200715M1_3	ST200715M1-1 PFC CS-2 20F1901	15-Jul-20	13:38:20
4	4 200715M1_4	ST200715M1-2 PFC CS-1 20F1902	15-Jul-20	13:48:42
5	5 200715M1_5	ST200715M1-3 PFC CS0 20F1903	15-Jul-20	13:59:07
6	6 200715M1_6	ST200715M1-4 PFC CS1 20F1904	15-Jul-20	14:09:29
7	7 200715M1_7	ST200715M1-5 PFC CS2 20F1905	15-Jul-20	14:19:52
8	8 200715M1_8	ST200715M1-6 PFC CS3 20F1906	15-Jul-20	14:30:14
9	9 200715M1_9	ST200715M1-7 PFC CS4 20F1907	15-Jul-20	14:40:36
10	10 200715M1_10	ST200715M1-8 PFC CS5 20F1908	15-Jul-20	14:50:59
11	11 200715M1_11	ST200715M1-9 PFC CS6 20F1909	15-Jul-20	15:01:21
12	12 200715M1_12	ST200715M1-10 PFC CS7 20F1910	15-Jul-20	15:11:43
13	13 200715M1_13	IB	15-Jul-20	15:22:05
14	14 200715M1_14	ICV200715M1-1 PFC ICV 20F1911	15-Jul-20	15:32:27
15	15 200715M1_15	IB	15-Jul-20	15:42:50
16	16 200715M1_16	B0G0030-MS1 Matrix Spike 1.03	15-Jul-20	15:53:14
17	17 200715M1_17	2001408-01 UST 52 Waste-PFAS 1.18	15-Jul-20	16:03:34
18	18 200715M1_18	B0G0034-MS2@10X Matrix Spike 0.24593	15-Jul-20	16:13:56
19	19 200715M1_19	B0G0034-MSD2@10X Matrix Spike Dup 0.25788	15-Jul-20	16:24:18
20	20 200715M1_20	2001409-08@10X I003MW01D-20200701 0.25006	15-Jul-20	16:34:41
21	21 200715M1_21	2001409-09@10X I003MW02D-20200701 0.25658	15-Jul-20	16:45:05
22	22 200715M1_22	2001409-10@10X DUP04-20200701 0.24995	15-Jul-20	16:55:30
23	23 200715M1_23	2001409-11 I003MW05D-20200701 0.23646	15-Jul-20	17:05:55
24	24 200715M1_24	2001409-13 TW07D-20200702 0.26983	15-Jul-20	17:16:20
25	25 200715M1_25	2001400-04 120/10 PFA PM 0.18942	15-Jul-20	17:26:45
26	26 200715M1_26	2001400-03@5X 120/10 F PM 0.19557	15-Jul-20	17:37:10
27	27 200715M1_27	2001400-05@5X NAC F PM 0.25304	15-Jul-20	17:47:35
28	28 200715M1_28	2001400-06@5X NAC PFA PM 0.24487	15-Jul-20	17:58:00
29	29 200715M1_29	IB	15-Jul-20	18:08:25
30	30 200715M1_30	ST200715M1-11 PFC CS3 20F1906	15-Jul-20	18:18:50
31	31 200715M1_31	IB	15-Jul-20	18:29:15

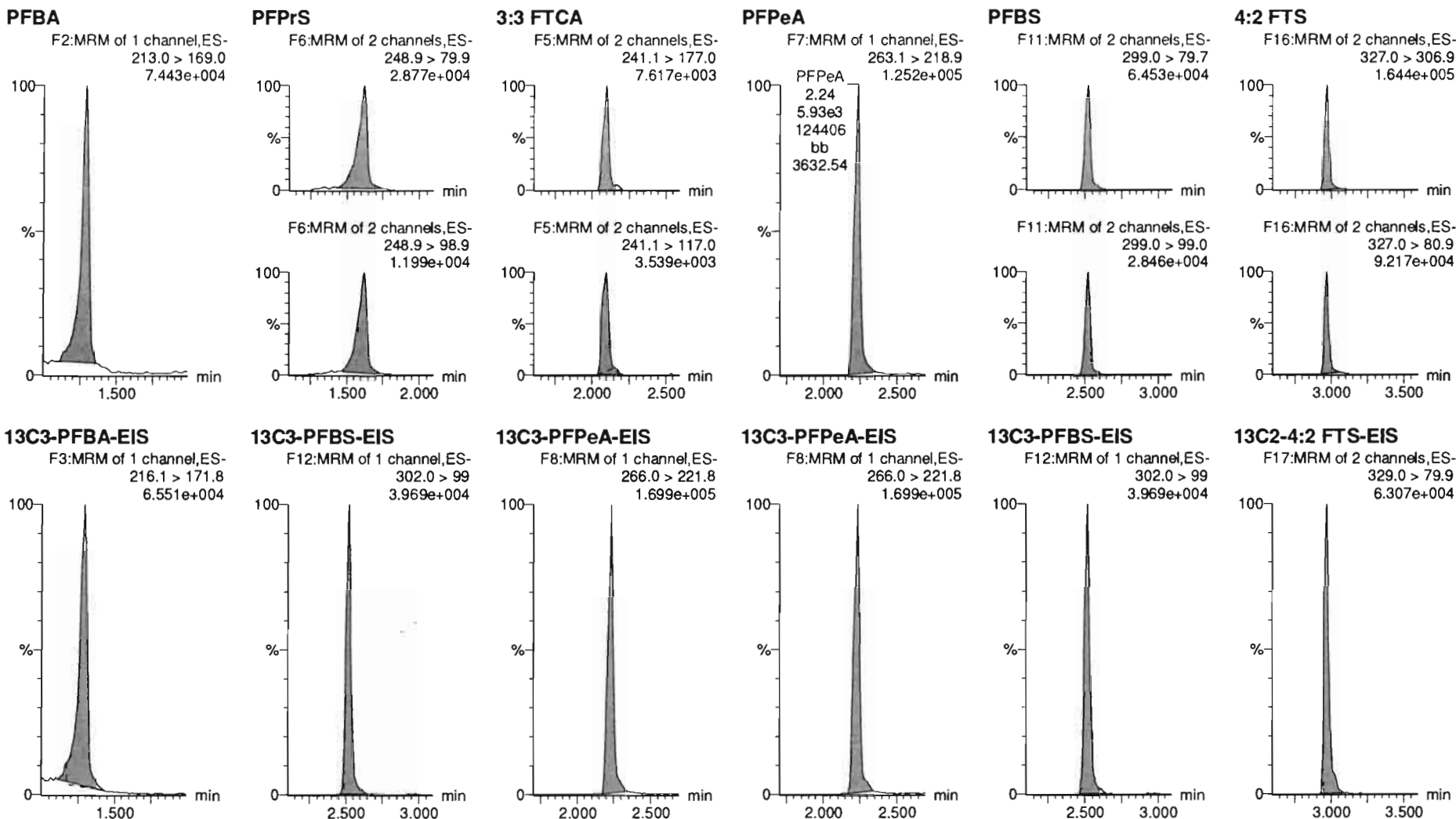
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 16 Jul 2020 10:04:09
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Name: 200715M1_30, Date: 15-Jul-2020, Time: 18:18:50, ID: ST200715M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

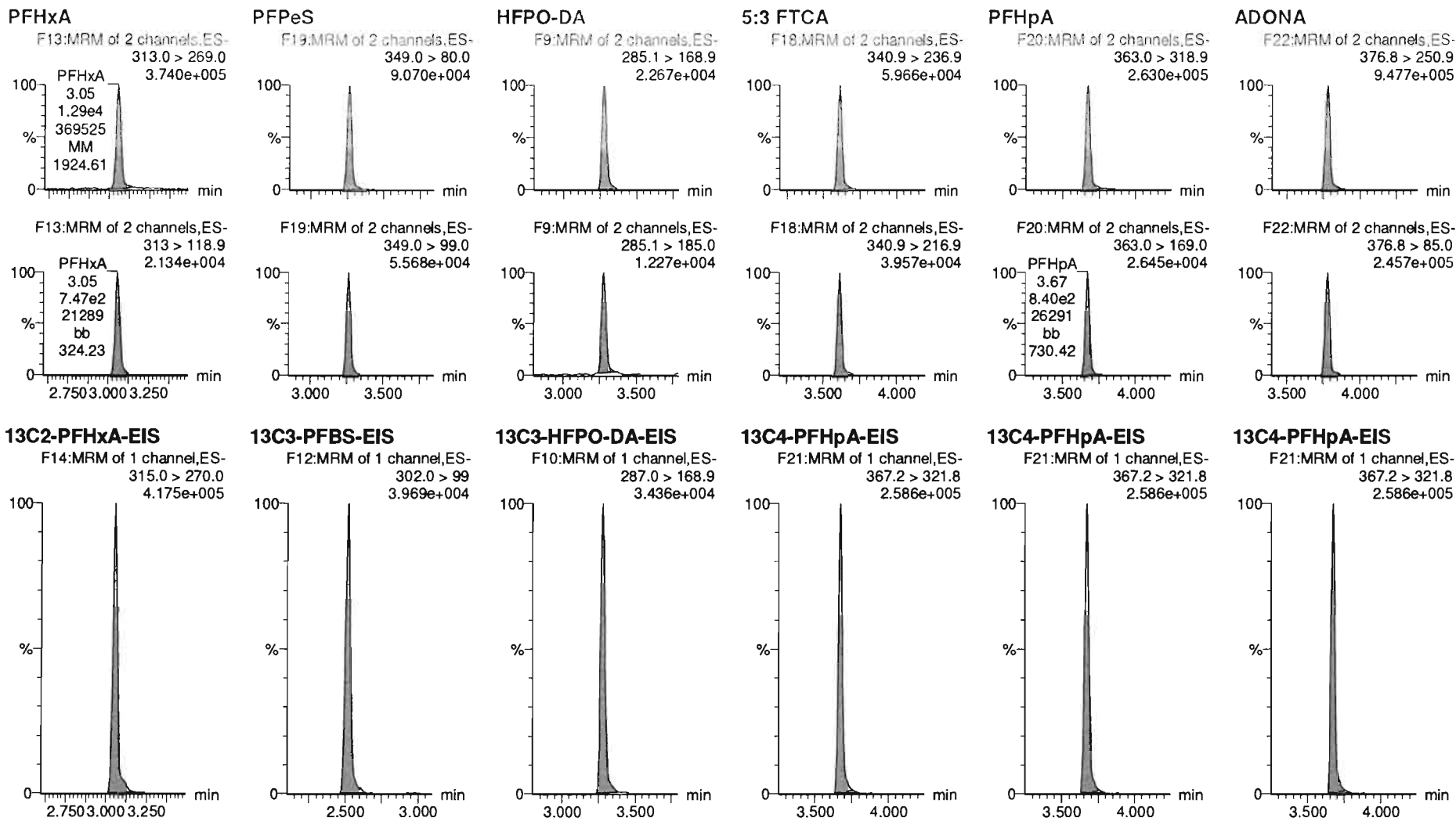


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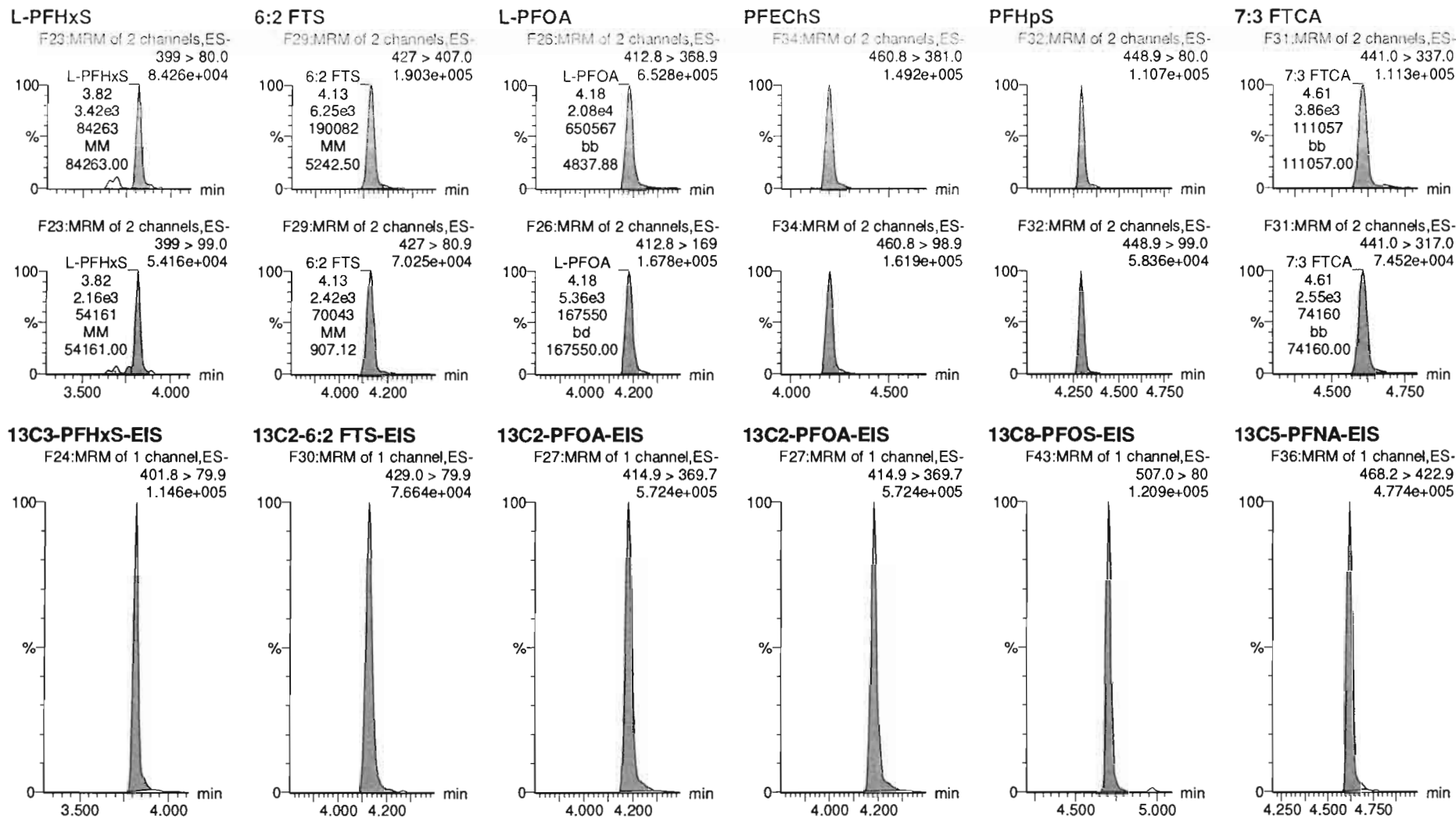


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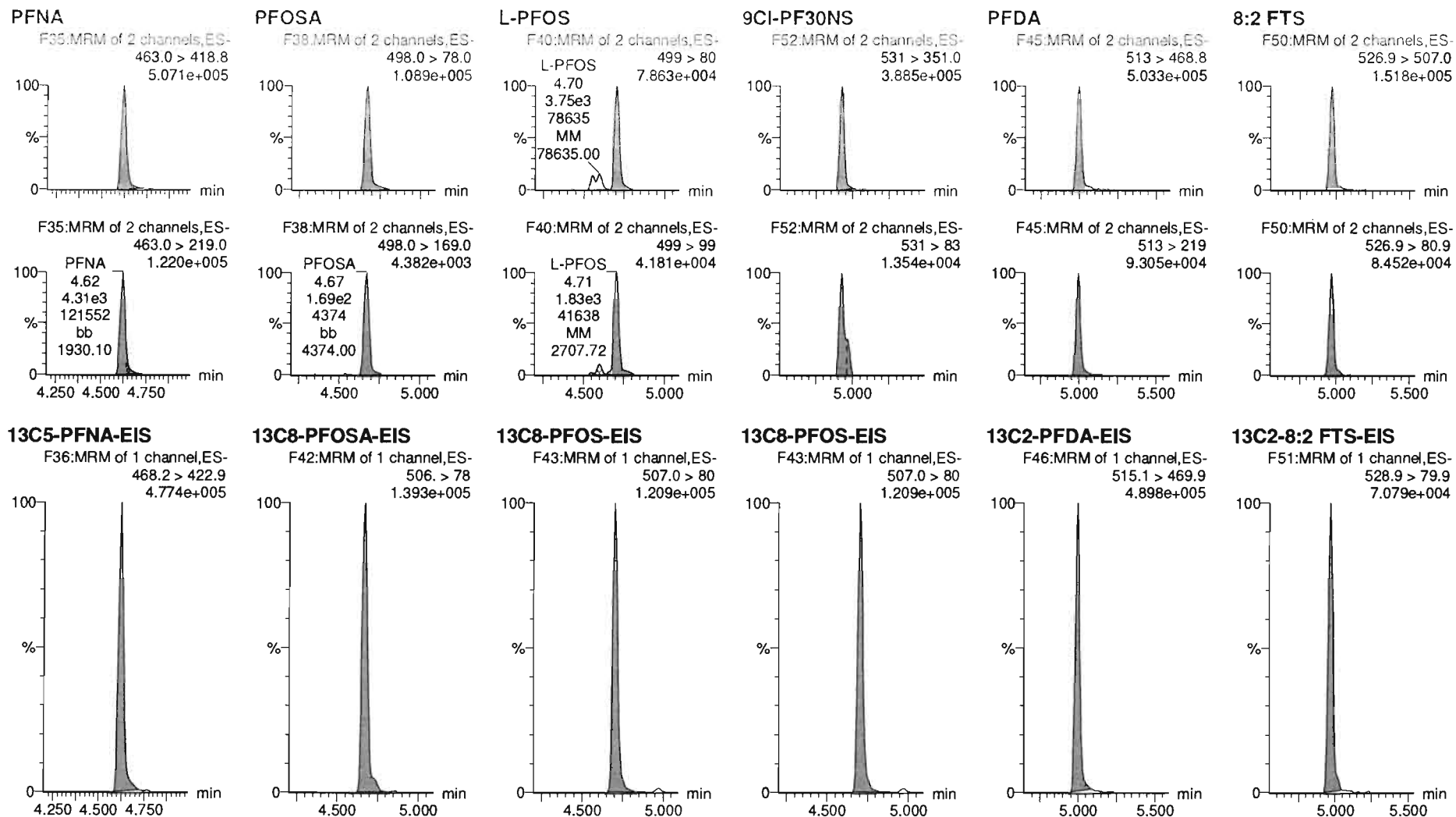


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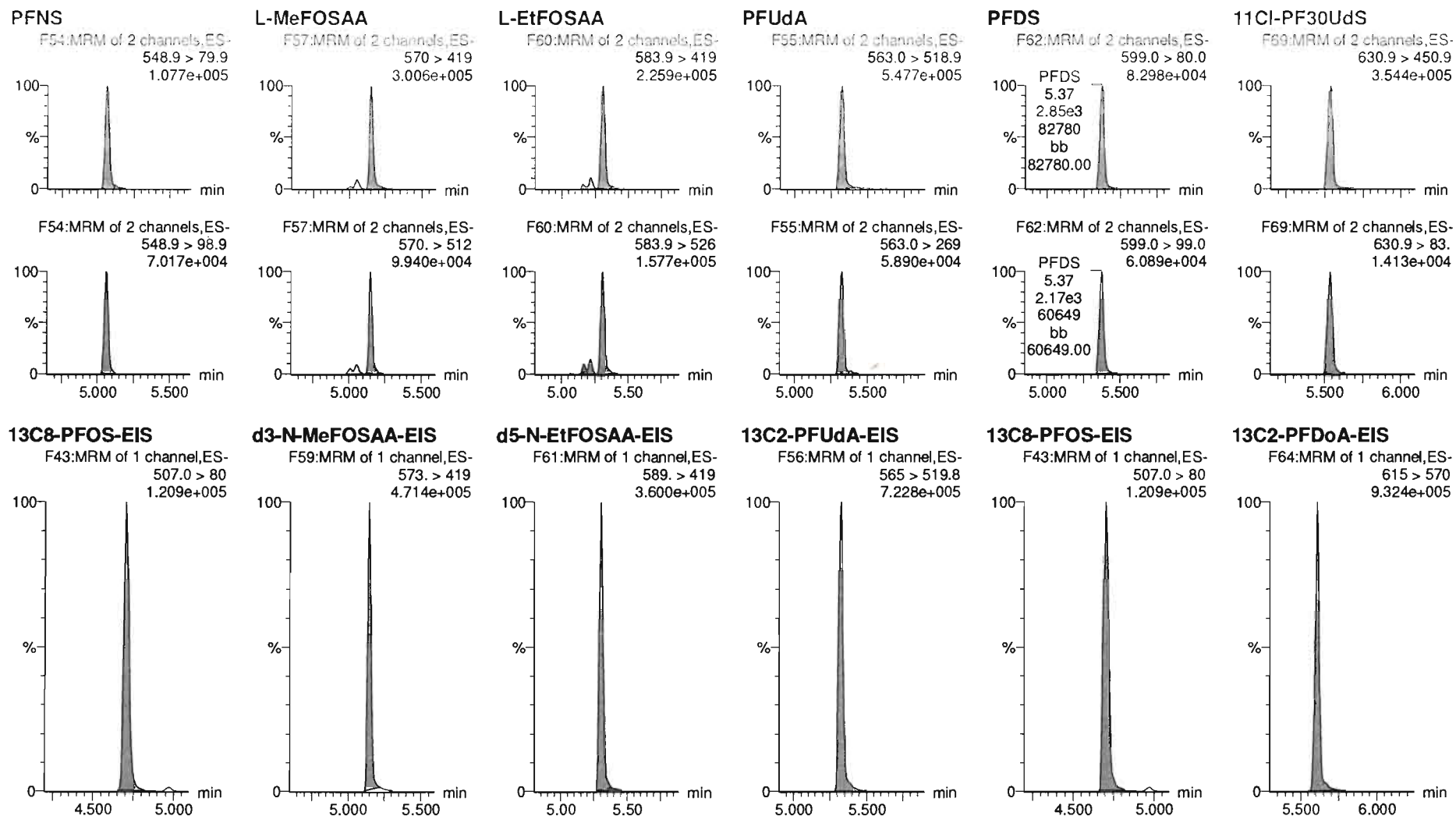


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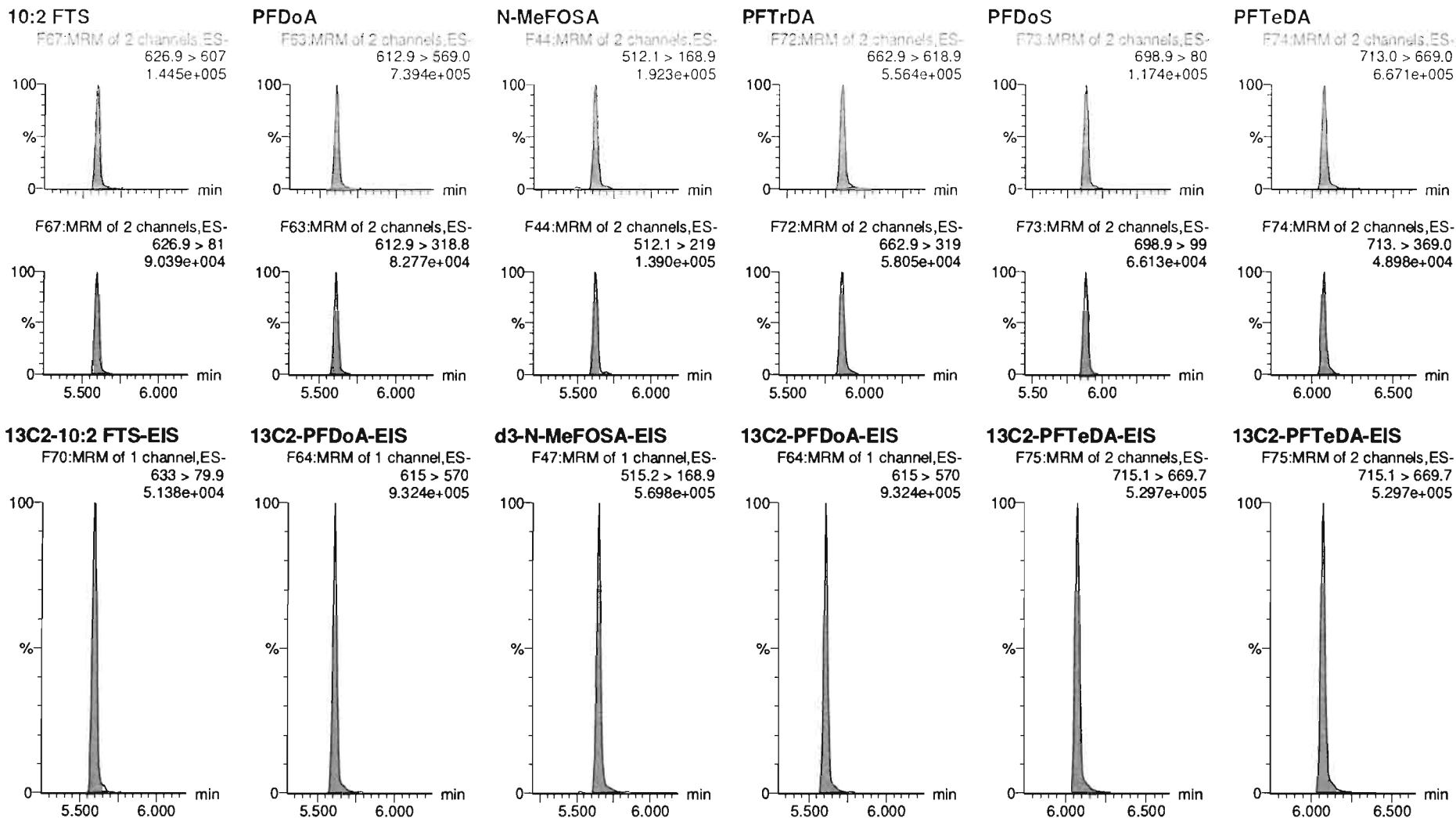


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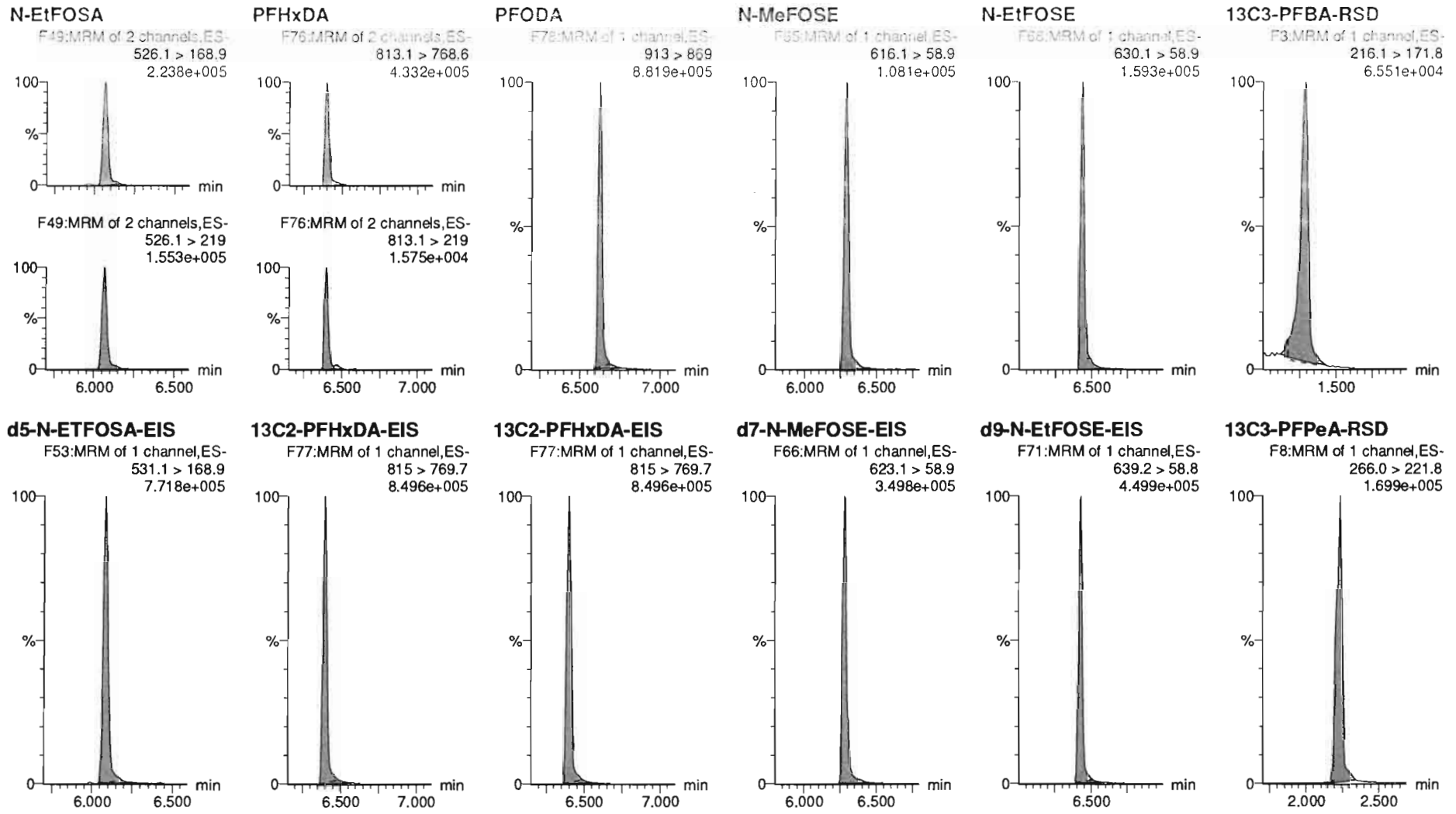
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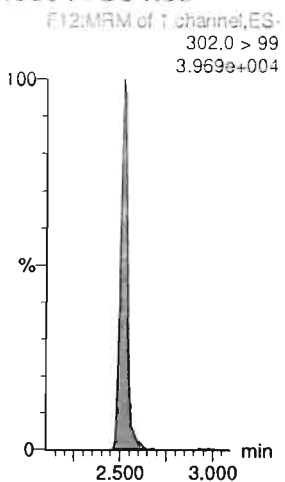
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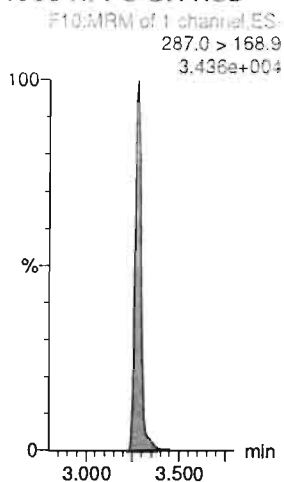
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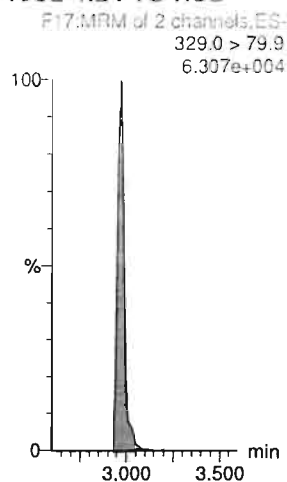
13C3-PFBS-RSD



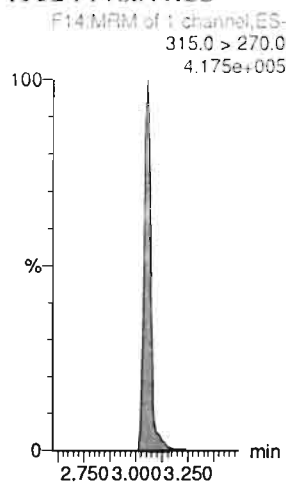
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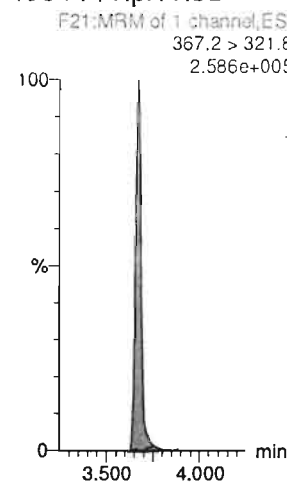
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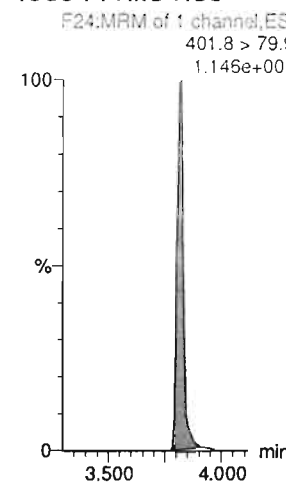
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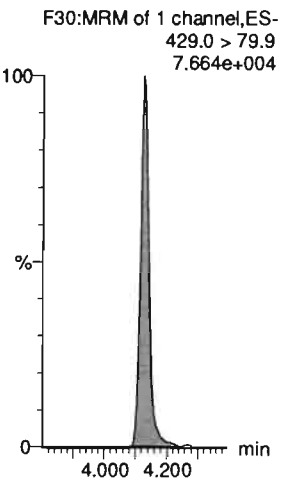
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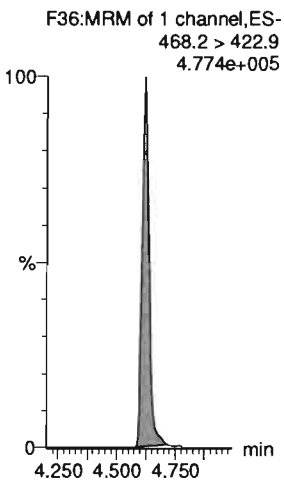
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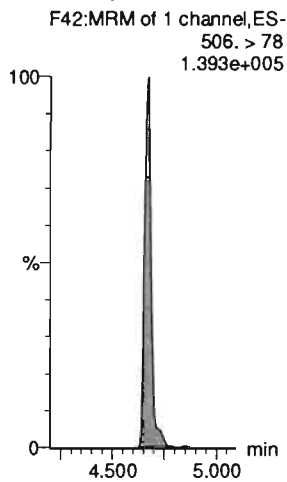
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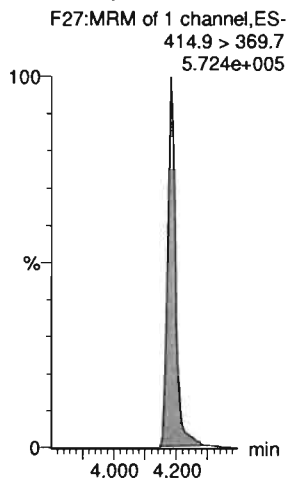
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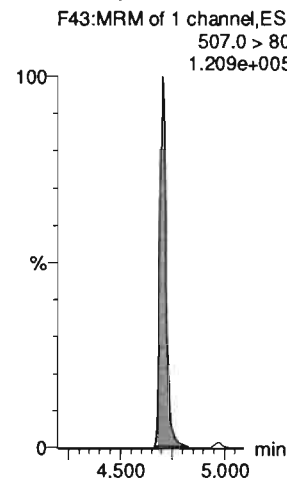
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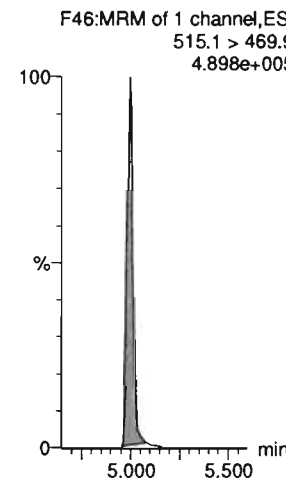
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13C8-PFOS-RSD



13C2-PFDA-RSD



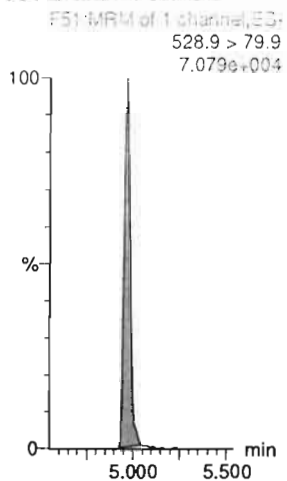
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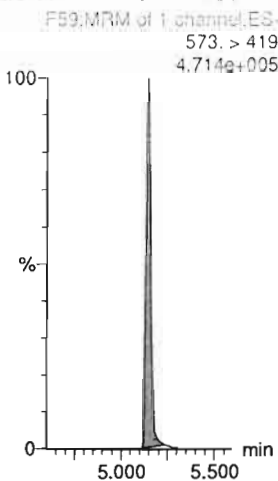
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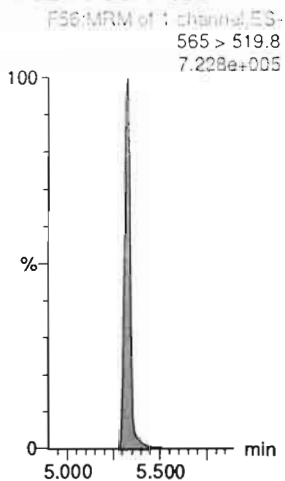
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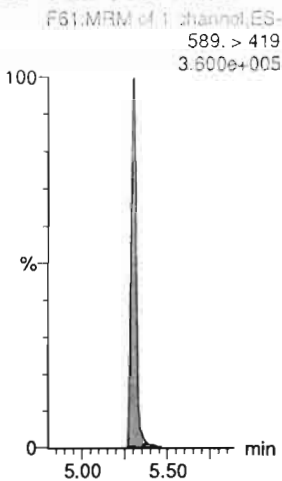
d3-N-MeFOSAA-RSD



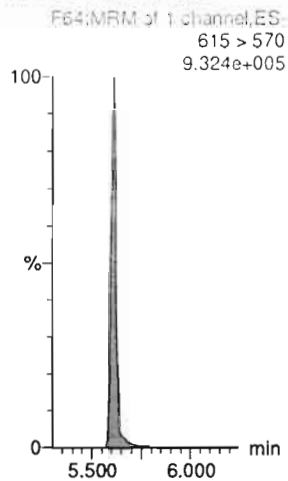
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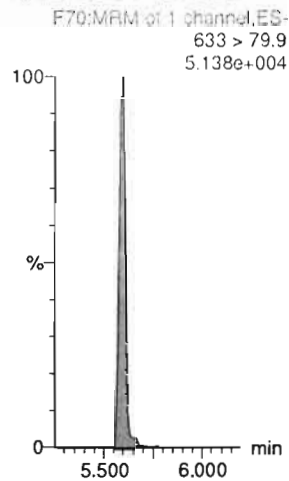
d5-N-EtFOSAA-RSD



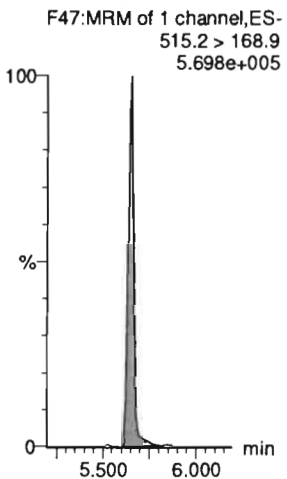
13C2-PFDoA-RSD



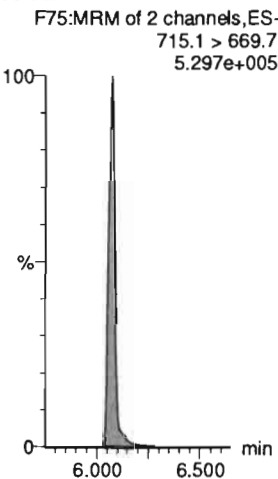
13C2-10:2 FTS-RSD



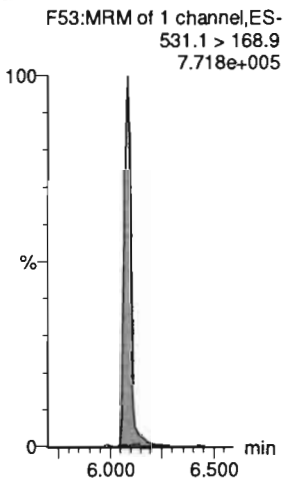
d3-N-MeFOSA-RSD



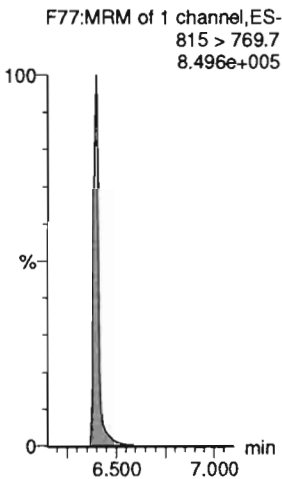
13C2-PFTeDA-RSD



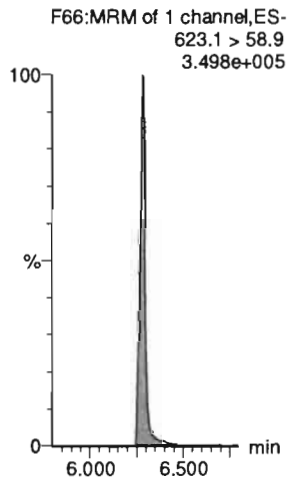
d5-N-ETFOSA-RSD



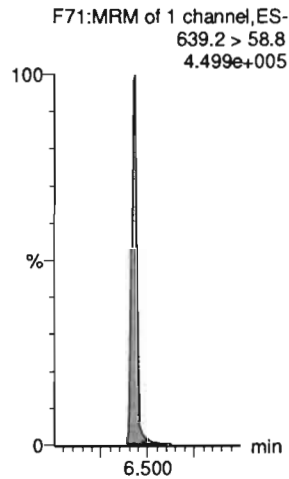
13C2-PFHxDA-RSD



d7-N-MeFOSE-RSD



d9-N-EtFOSE-RSD

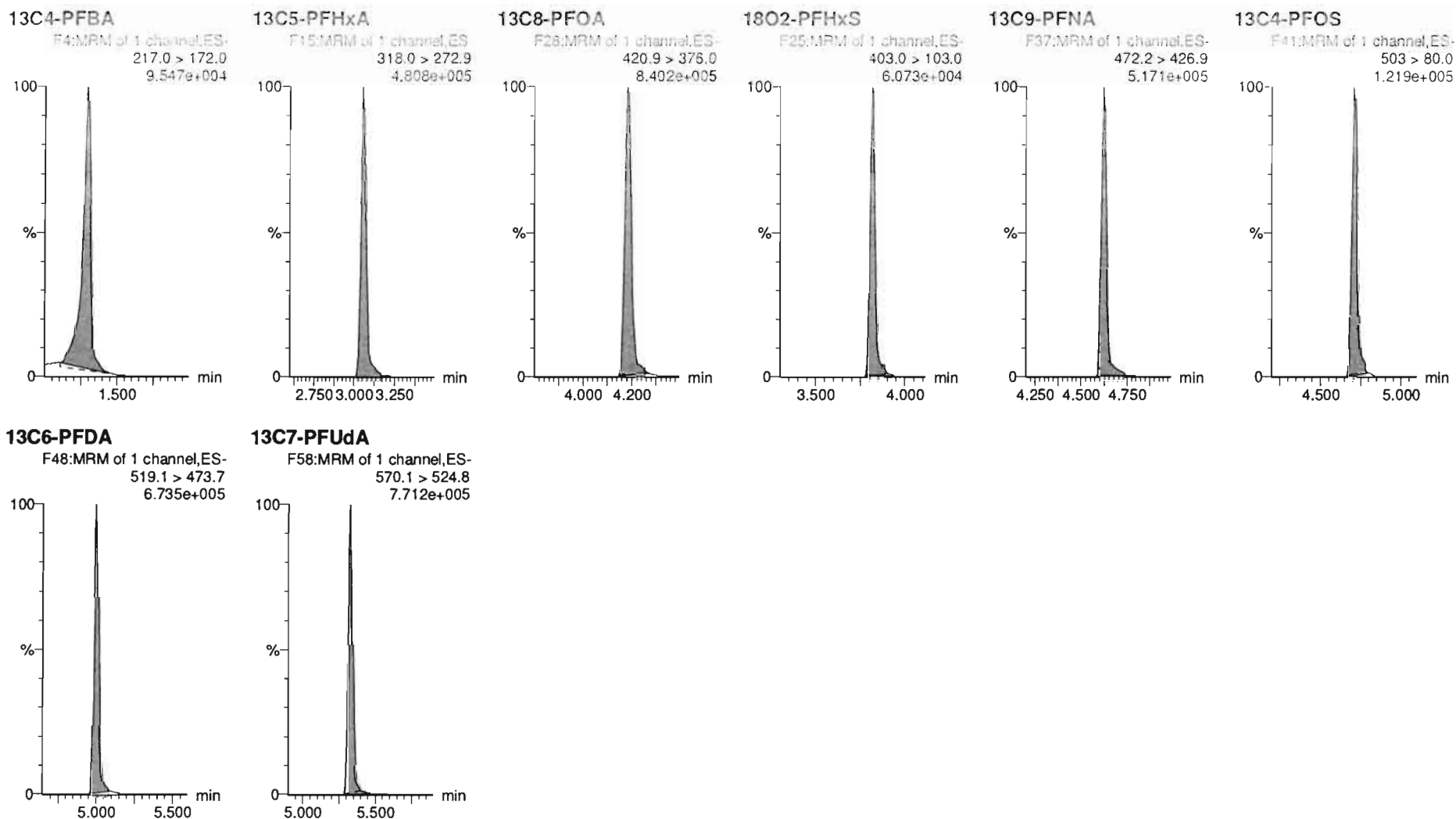


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-30.qld

Last Altered: Thursday, July 16, 2020 12:03:02 Pacific Daylight Time

Printed: Thursday, July 16, 2020 12:07:37 Pacific Daylight Time

Name: 200715M1_30, Date: 15-Jul-2020, Time: 18:18:50, ID: ST200715M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906



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Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

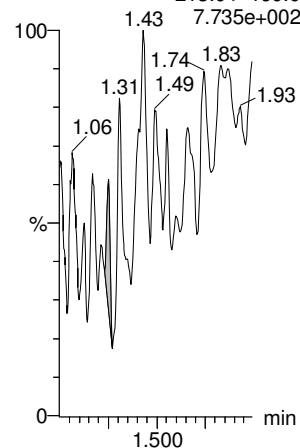
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Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

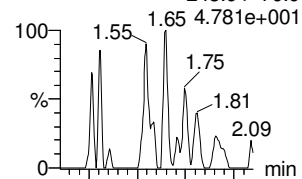
PFBA

IB IB F2:MRM of 1 channel,ES-
213.0 > 169.0
7.735e+002

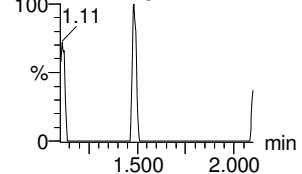


PFPrS

IB IB F6:MRM of 2 channels,ES-
248.9 > 79.9
4.781e+001

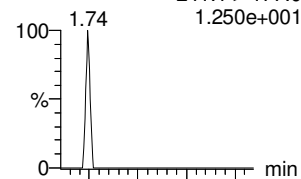


IB IB F6:MRM of 2 channels,ES-
248.9 > 98.9
1.917e+001

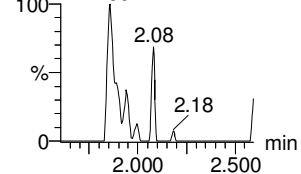


3:3 FTCA

IB IB F5:MRM of 2 channels,ES-
241.1 > 177.0
1.250e+001

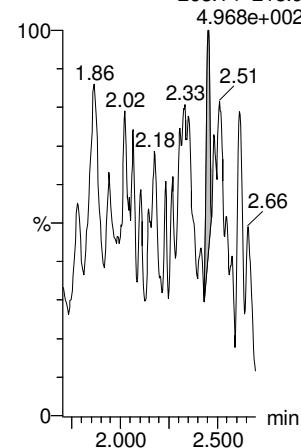


IB IB F5:MRM of 2 channels,ES-
241.1 > 117.0
3.607e+001



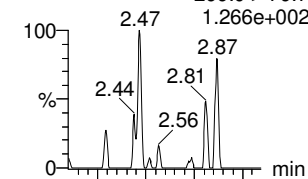
PFPeA

IB IB F7:MRM of 1 channel,ES-
263.1 > 218.9
4.968e+002

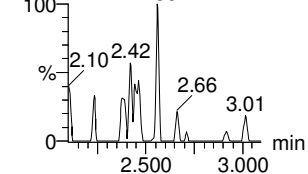


PFBS

F11:MRM of 2 channels,ES-
299.0 > 79.7
1.266e+002

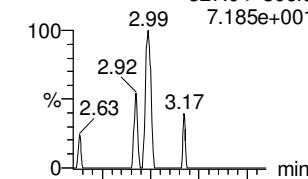


F11:MRM of 2 channels,ES-
299.0 > 99.0
9.543e+001

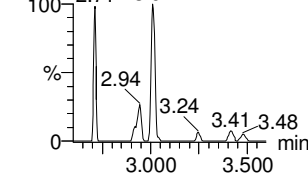


4:2 FTS

F16:MRM of 2 channels,ES-
327.0 > 306.9
7.185e+001

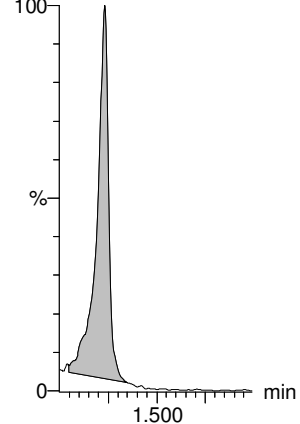


F16:MRM of 2 channels,ES-
327.0 > 80.9
2.895e+002



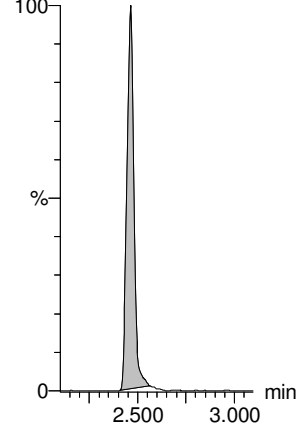
13C3-PFBA-EIS

IB IB F3:MRM of 1 channel,ES-
216.1 > 171.8
6.609e+004



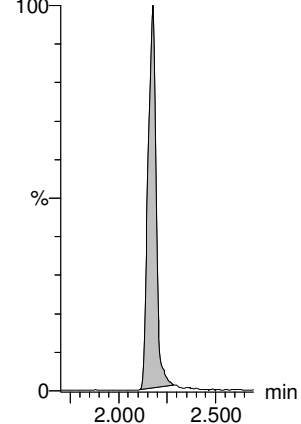
13C3-PFBS-EIS

IB IB F12:MRM of 1 channel,ES-
302.0 > 99
4.267e+004



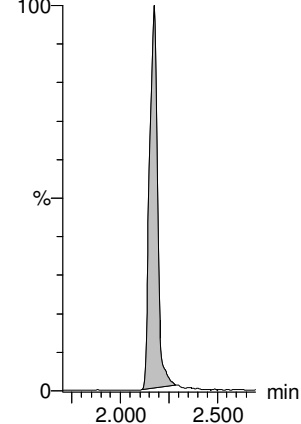
13C3-PFPeA-EIS

IB IB F8:MRM of 1 channel,ES-
266.0 > 221.8
1.653e+005



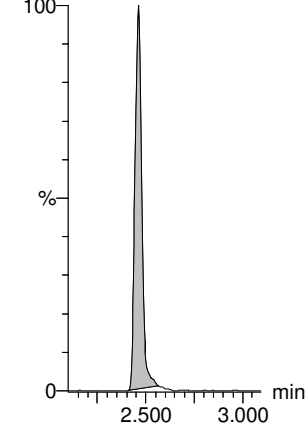
13C3-PFPeA-EIS

IB IB F8:MRM of 1 channel,ES-
266.0 > 221.8
1.653e+005



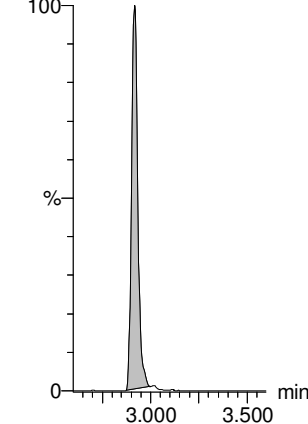
13C3-PFBS-EIS

IB IB F12:MRM of 1 channel,ES-
302.0 > 99
4.267e+004



13C2-4:2 FTS-EIS

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.806e+004



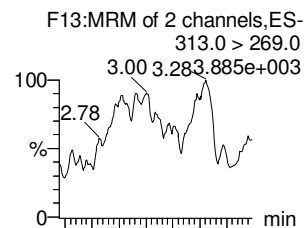
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Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

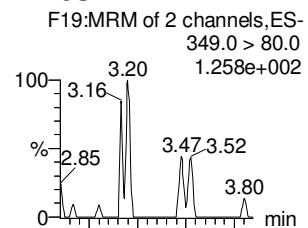
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Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

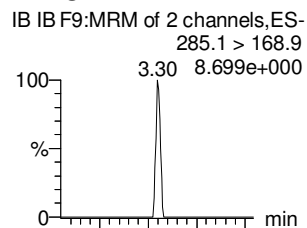
PFHxA



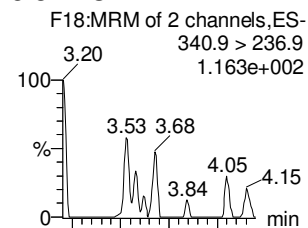
PFPeS



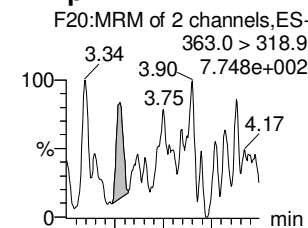
HFPO-DA



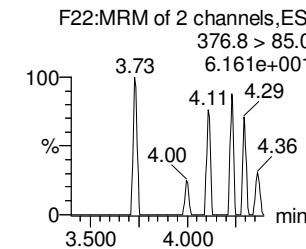
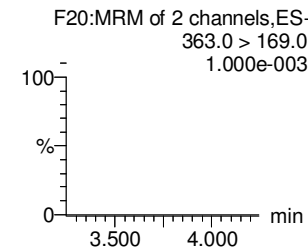
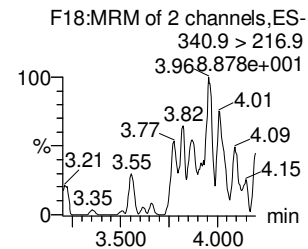
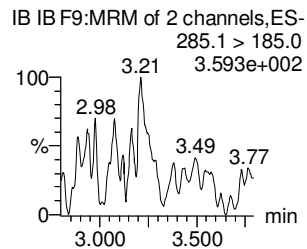
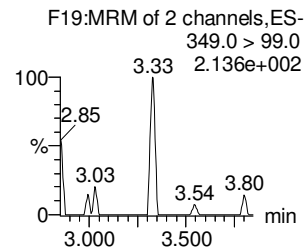
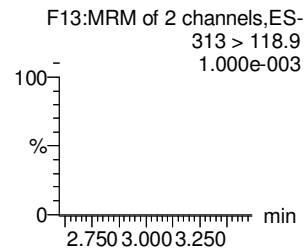
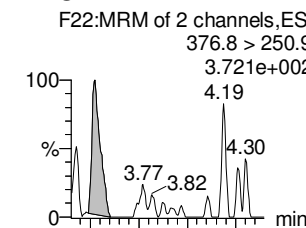
5:3 FTCA



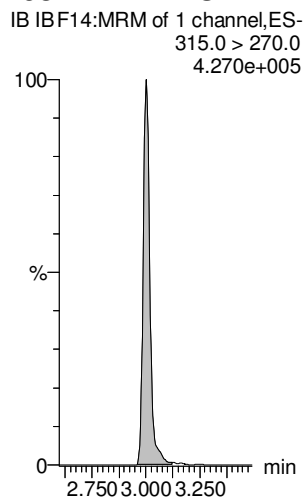
PFHpA



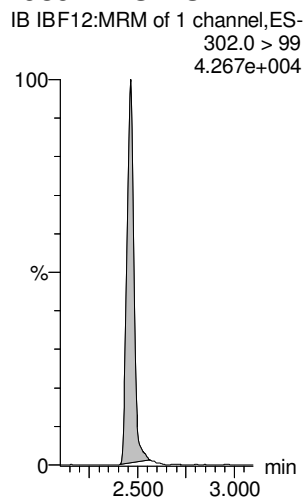
ADONA



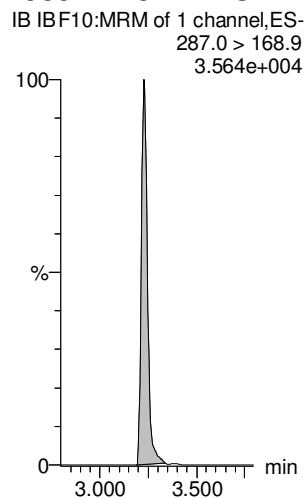
13C2-PFHxA-EIS



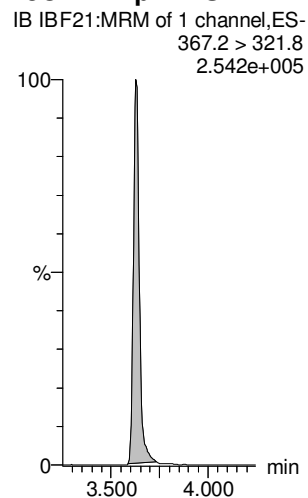
13C3-PFBS-EIS



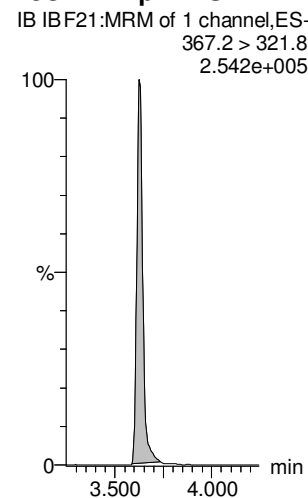
13C3-HFPO-DA-EIS



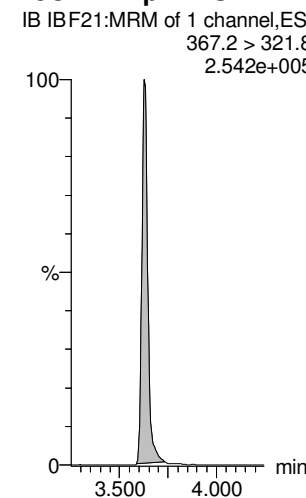
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



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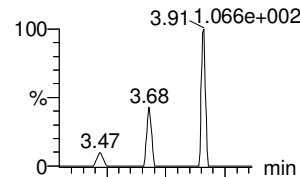
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Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

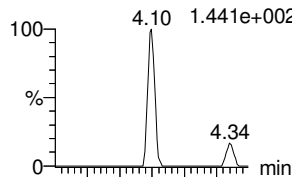
L-PFHxS

F23:MRM of 2 channels,ES-
399 > 80.0



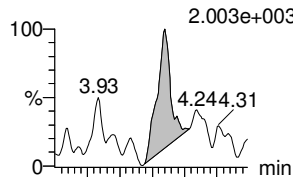
6:2 FTS

F29:MRM of 2 channels,ES-
427 > 407.0



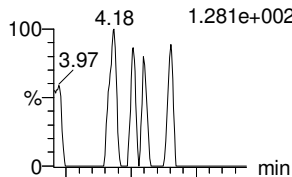
L-PFOA

F26:MRM of 2 channels,ES-
412.8 > 368.9



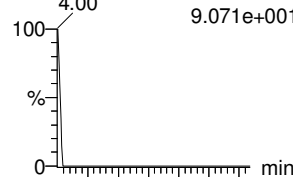
PFEChS

F34:MRM of 2 channels,ES-
460.8 > 381.0



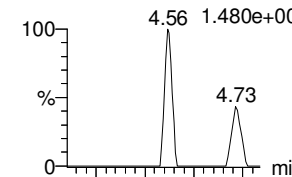
PFHps

F32:MRM of 2 channels,ES-
448.9 > 80.0

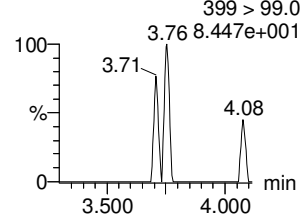


7:3 FTCA

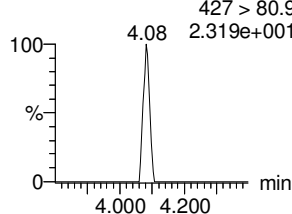
F31:MRM of 2 channels,ES-
441.0 > 337.0



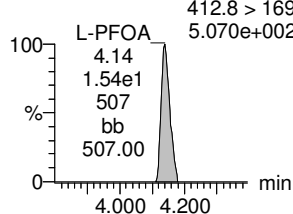
F23:MRM of 2 channels,ES-
399 > 99.0



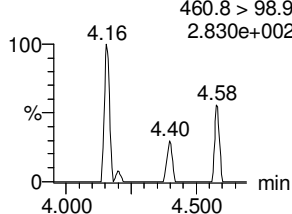
F29:MRM of 2 channels,ES-
427 > 80.9



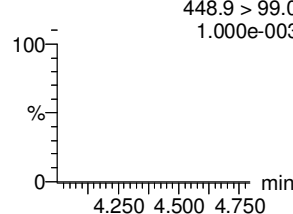
F26:MRM of 2 channels,ES-
412.8 > 169



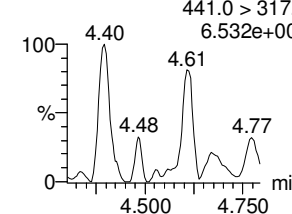
F34:MRM of 2 channels,ES-
460.8 > 98.9



F32:MRM of 2 channels,ES-
448.9 > 99.0

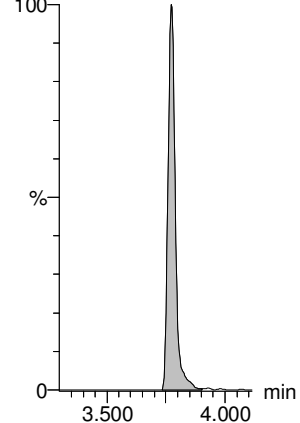


F31:MRM of 2 channels,ES-
441.0 > 317.0



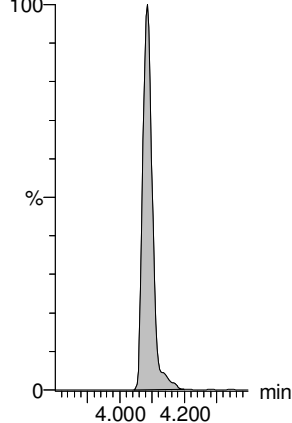
13C3-PFHxS-EIS

IB IBF24:MRM of 1 channel,ES-
401.8 > 79.9



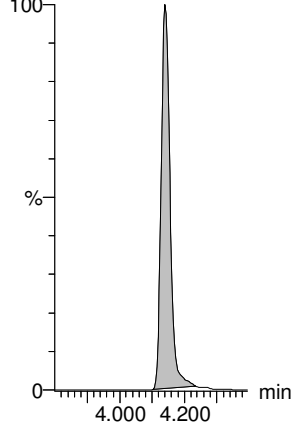
13C2-6:2 FTS-EIS

IB IBF30:MRM of 1 channel,ES-
429.0 > 79.9



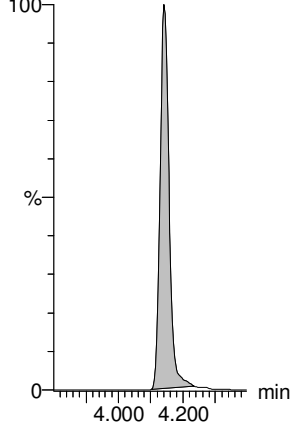
13C2-PFOA-EIS

IB IBF27:MRM of 1 channel,ES-
414.9 > 369.7



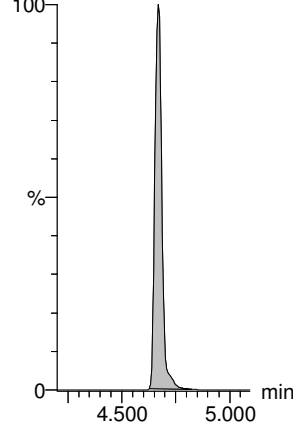
13C2-PFOA-EIS

IB IBF27:MRM of 1 channel,ES-
414.9 > 369.7



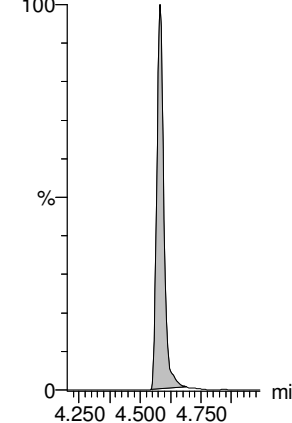
13C8-PFOS-EIS

IB IBF43:MRM of 1 channel,ES-
507.0 > 80



13C5-PFNA-EIS

IB IBF36:MRM of 1 channel,ES-
468.2 > 422.9



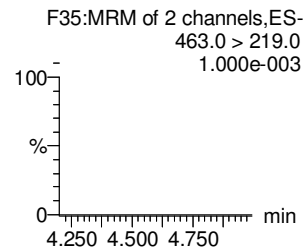
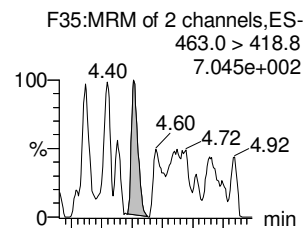
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Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

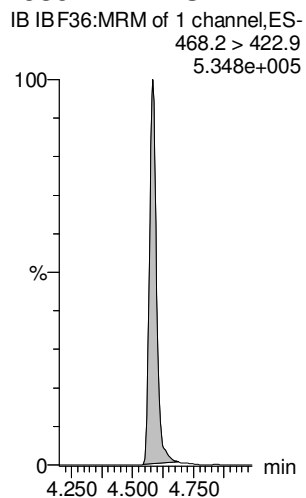
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Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

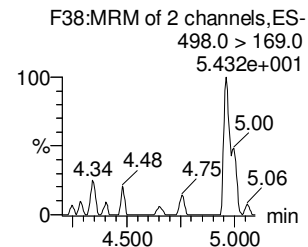
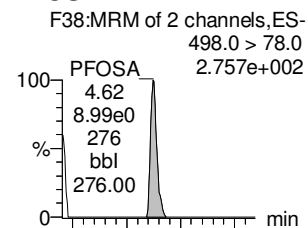
PFNA



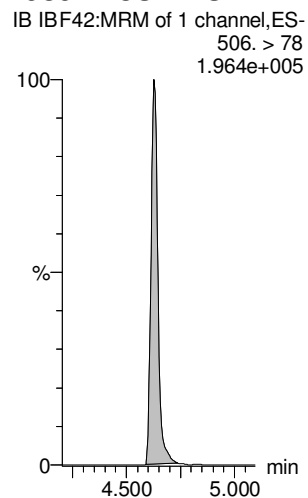
13C5-PFNA-EIS



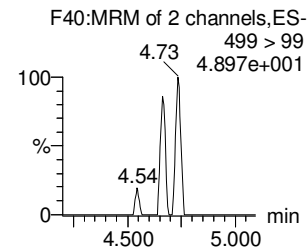
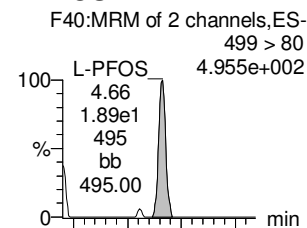
PFOSA



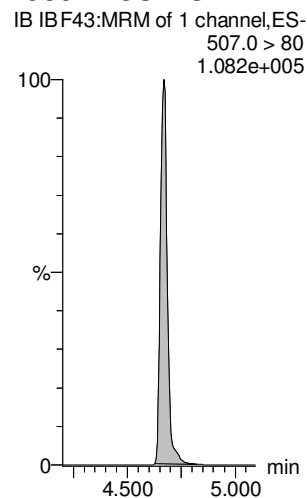
13C8-PFOSA-EIS



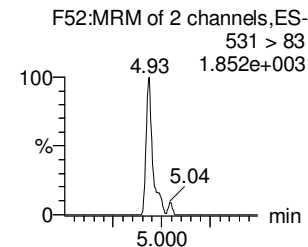
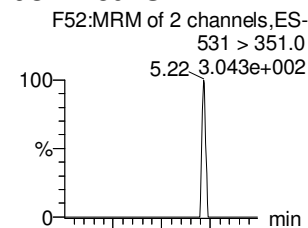
L-PFOS



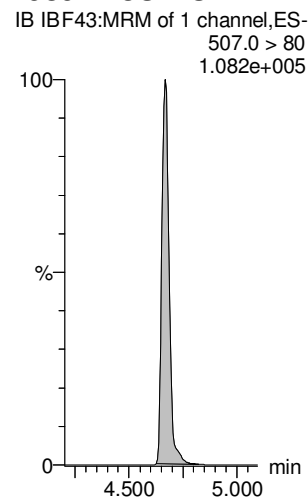
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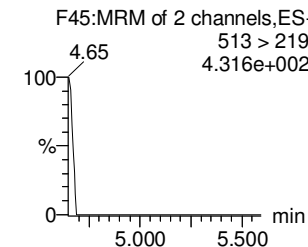
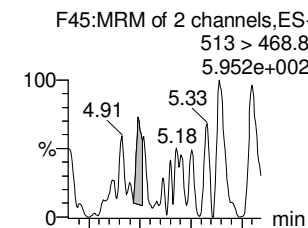
9CI-PF30NS



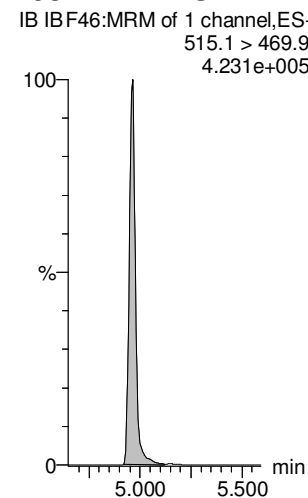
13C8-PFOS-EIS



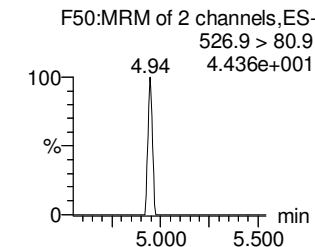
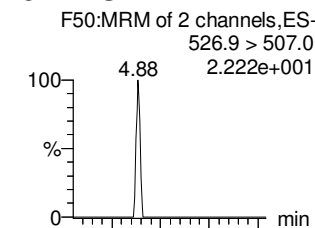
PFDA



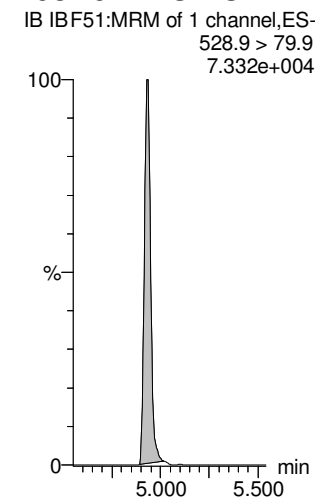
13C2-PFDA-EIS



8:2 FTS



13C2-8:2 FTS-EIS



Dataset: Untitled

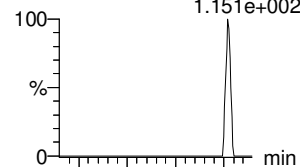
Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

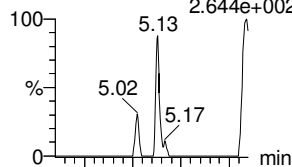
PFNS

F54:MRM of 2 channels,ES-
548.9 > 79.9
1.151e+002



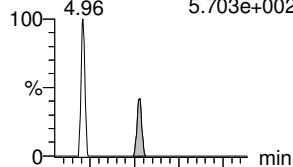
L-MeFOSAA

F57:MRM of 2 channels,ES-
570 > 419
2.644e+002



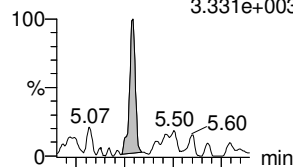
L-EtFOSAA

F60:MRM of 2 channels,ES-
583.9 > 419
5.703e+002



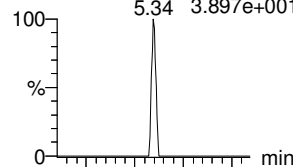
PFUdA

F55:MRM of 2 channels,ES-
563.0 > 518.9
3.331e+003



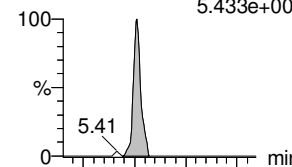
PFDS

F62:MRM of 2 channels,ES-
599.0 > 80.0
3.897e+001

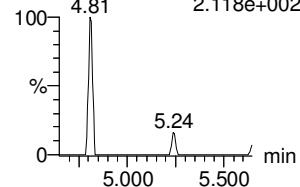


11Cl-PF30UdS

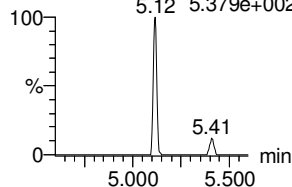
F69:MRM of 2 channels,ES-
630.9 > 450.9
5.433e+002



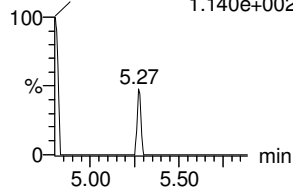
F54:MRM of 2 channels,ES-
548.9 > 98.9
2.118e+002



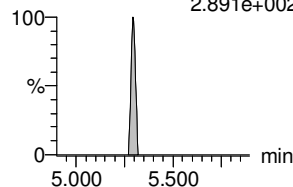
F57:MRM of 2 channels,ES-
570 > 512
5.379e+002



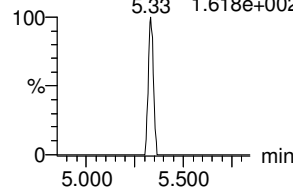
F60:MRM of 2 channels,ES-
583.9 > 526
1.140e+002



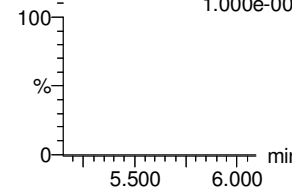
F55:MRM of 2 channels,ES-
563.0 > 269
2.891e+002



F62:MRM of 2 channels,ES-
599.0 > 99.0
1.618e+002

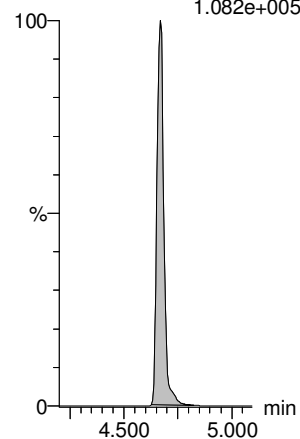


F69:MRM of 2 channels,ES-
630.9 > 83.
1.000e-003



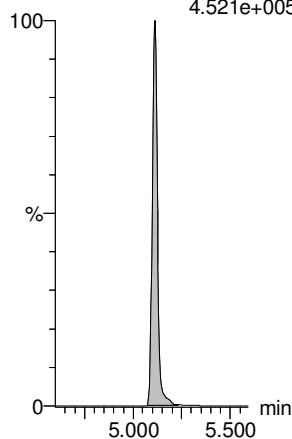
13C8-PFOS-EIS

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.082e+005



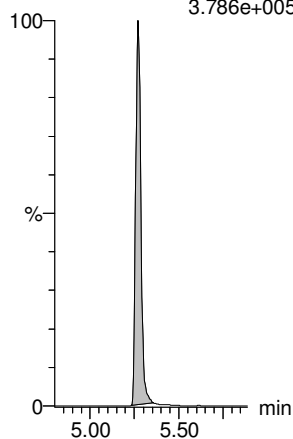
d3-N-MeFOSAA-EIS

IB IBF59:MRM of 1 channel,ES-
573 > 419
4.521e+005



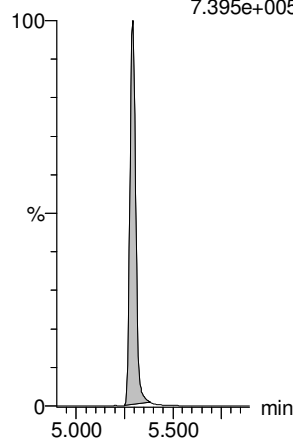
d5-N-EtFOSAA-EIS

IB IBF61:MRM of 1 channel,ES-
589 > 419
3.786e+005



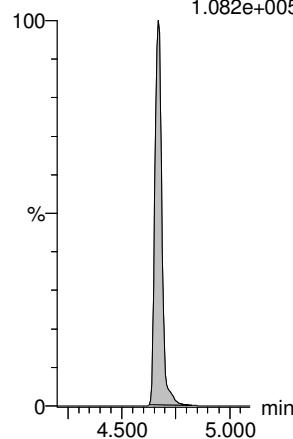
13C2-PFUdA-EIS

IB IBF56:MRM of 1 channel,ES-
565 > 519.8
7.395e+005



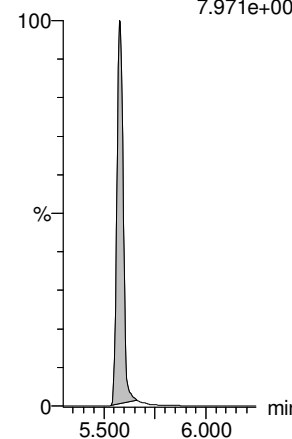
13C8-PFOS-EIS

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.082e+005



13C2-PFDoA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
7.971e+005



Dataset: Untitled

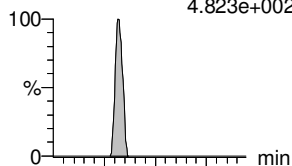
Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

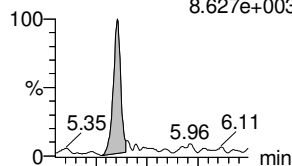
10:2 FTS

F67:MRM of 2 channels,ES-
626.9 > 607
4.823e+002



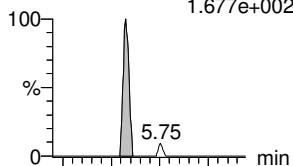
PFDaA

F63:MRM of 2 channels,ES-
612.9 > 569.0
8.627e+003



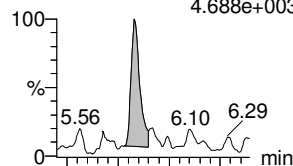
N-MeFOSA

F44:MRM of 2 channels,ES-
512.1 > 168.9
1.677e+002



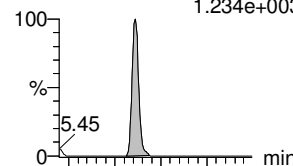
PFTrDA

F72:MRM of 2 channels,ES-
662.9 > 618.9
4.688e+003



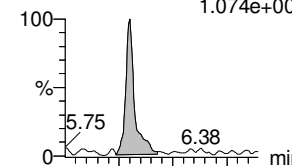
PFDoS

F73:MRM of 2 channels,ES-
698.9 > 80
1.234e+003

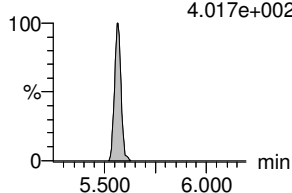


PFTeDA

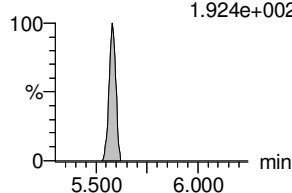
F74:MRM of 2 channels,ES-
713.0 > 669.0
1.074e+004



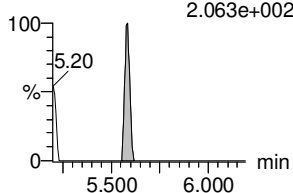
**F67:MRM of 2 channels,ES-
626.9 > 81
4.017e+002**



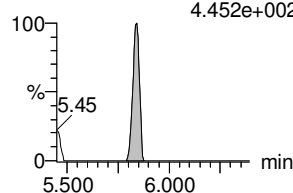
**F63:MRM of 2 channels,ES-
612.9 > 318.8
1.924e+002**



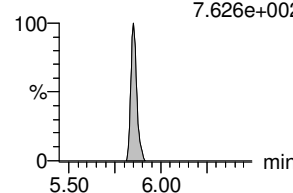
**F44:MRM of 2 channels,ES-
512.1 > 219
2.063e+002**



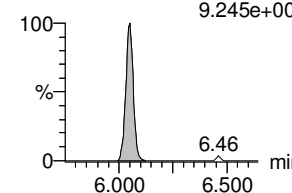
**F72:MRM of 2 channels,ES-
662.9 > 319
4.452e+002**



**F73:MRM of 2 channels,ES-
698.9 > 99
7.626e+002**

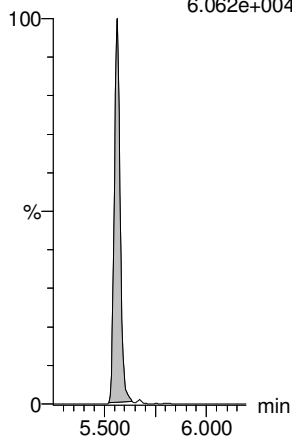


**F74:MRM of 2 channels,ES-
713.0 > 369.0
9.245e+002**



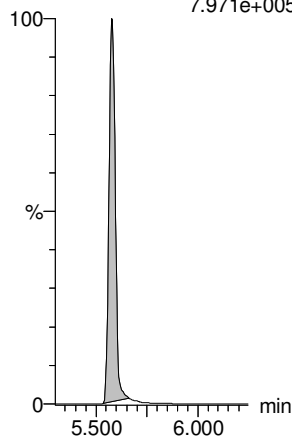
13C2-10:2 FTS-EIS

IB IBF70:MRM of 1 channel,ES-
633 > 79.9
6.062e+004



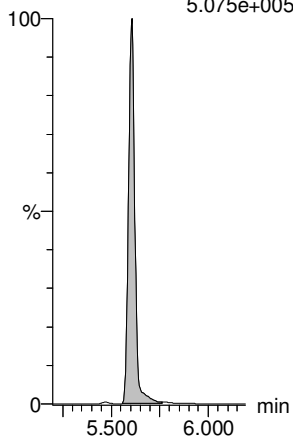
13C2-PFDaA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
7.971e+005



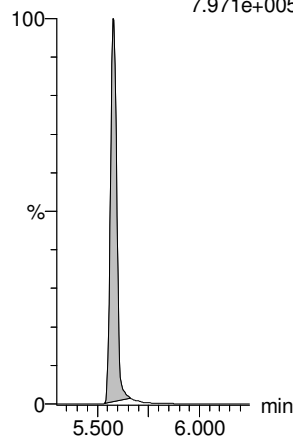
d3-N-MeFOSA-EIS

IB IBF47:MRM of 1 channel,ES-
515.2 > 168.9
5.075e+005



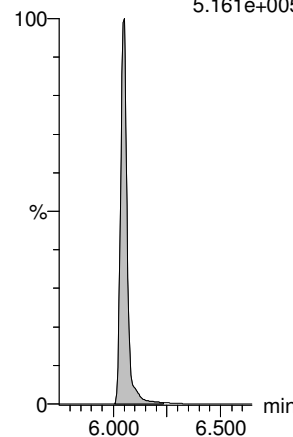
13C2-PFDaA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
7.971e+005



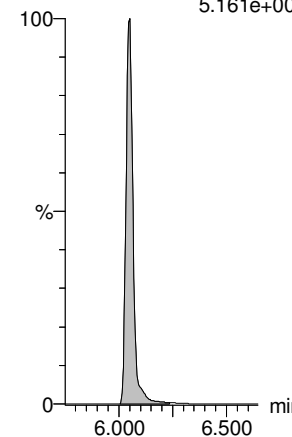
13C2-PFTeDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.161e+005



13C2-PFTeDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.161e+005



Dataset: Untitled

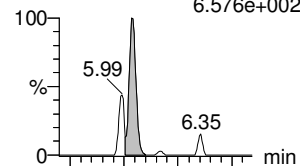
Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

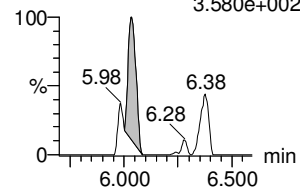
Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

N-EtFOSA

F49:MRM of 2 channels,ES-
526.1 > 168.9
6.576e+002

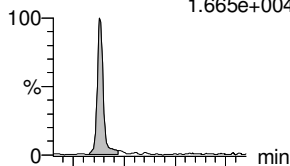


F49:MRM of 2 channels,ES-
526.1 > 219
3.580e+002

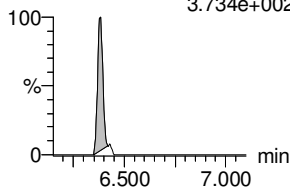


PFHxDA

F76:MRM of 2 channels,ES-
813.1 > 768.6
1.665e+004

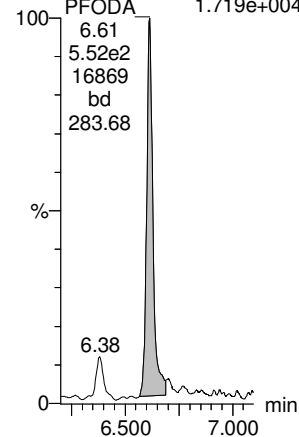


F76:MRM of 2 channels,ES-
813.1 > 219
3.734e+002



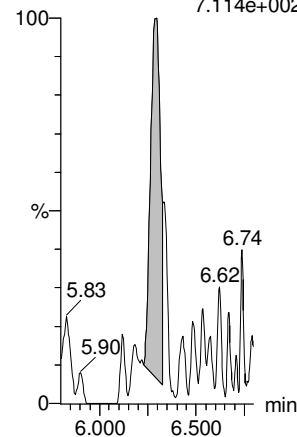
PFODA

IB IB F78:MRM of 1 channel,ES-
913 > 869
1.719e+004



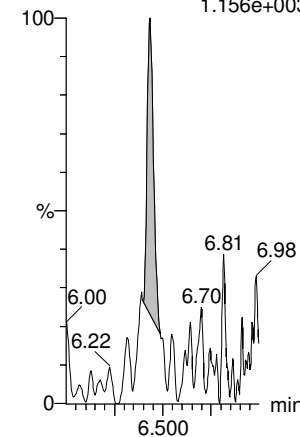
N-MeFOSE

IB IB F65:MRM of 1 channel,ES-
616.1 > 58.9
7.114e+002



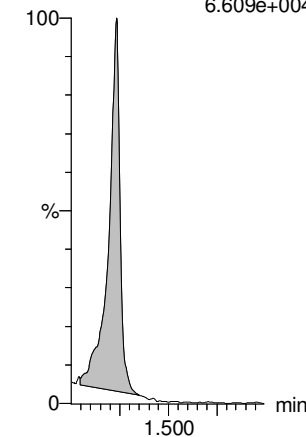
N-EtFOSE

IB IB F68:MRM of 1 channel,ES-
630.1 > 58.9
1.156e+003



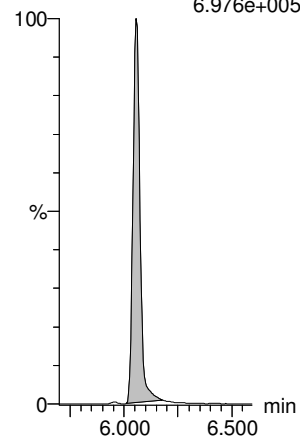
13C3-PFBA-RSD

IB IB F3:MRM of 1 channel,ES-
216.1 > 171.8
6.609e+004



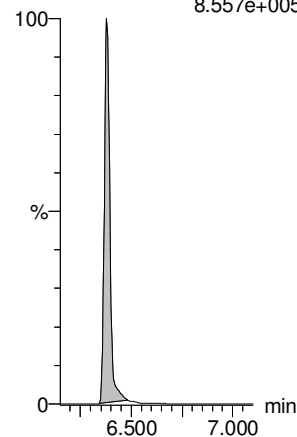
d5-N-ETFOSA-EIS

IB IB F53:MRM of 1 channel,ES-
531.1 > 168.9
6.976e+005



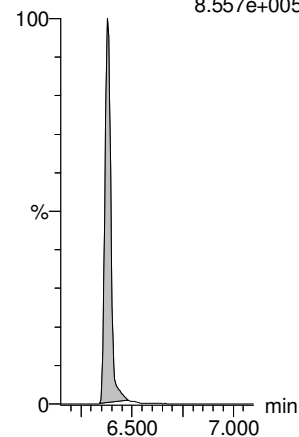
13C2-PFHxDA-EIS

IB IB F77:MRM of 1 channel,ES-
815 > 769.7
8.557e+005



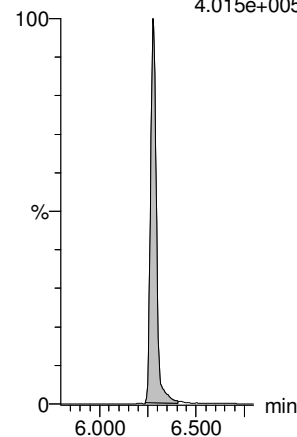
13C2-PFHxDA-EIS

IB IB F77:MRM of 1 channel,ES-
815 > 769.7
8.557e+005



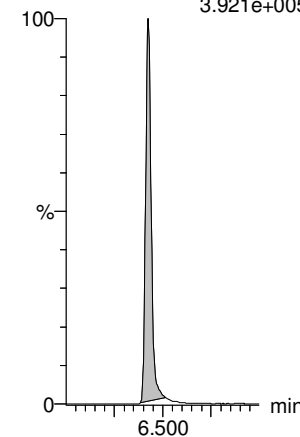
d7-N-MeFOSE-EIS

IB IB F66:MRM of 1 channel,ES-
623.1 > 58.9
4.015e+005



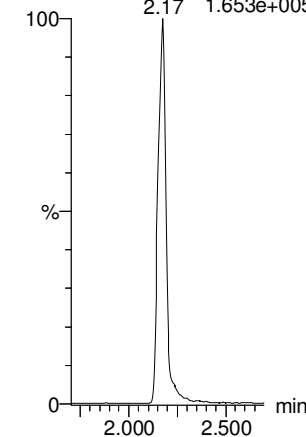
d9-N-EtFOSE-EIS

IB IB F71:MRM of 1 channel,ES-
639.2 > 58.8
3.921e+005



13C3-PFPeA-RSD

IB IB F8:MRM of 1 channel,ES-
266.0 > 221.8
1.653e+005



Dataset: Untitled

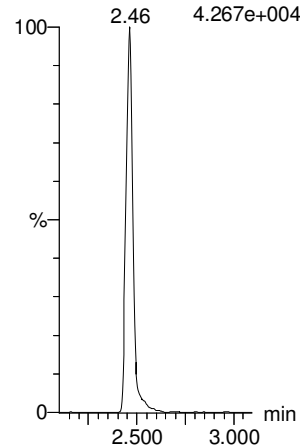
Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

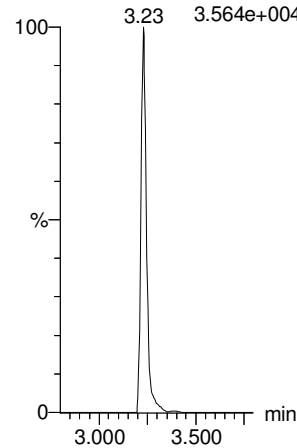
13C3-PFBS-RSD

IB IBF12:MRM of 1 channel,ES-
302.0 > 99
4.267e+004



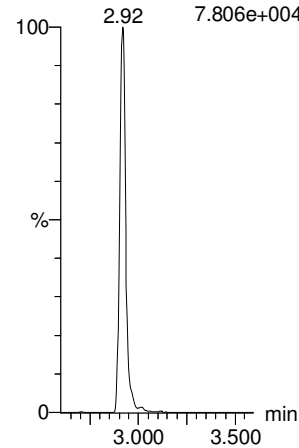
13C3-HFPO-DA-RSD

IB IBF10:MRM of 1 channel,ES-
287.0 > 168.9
3.564e+004



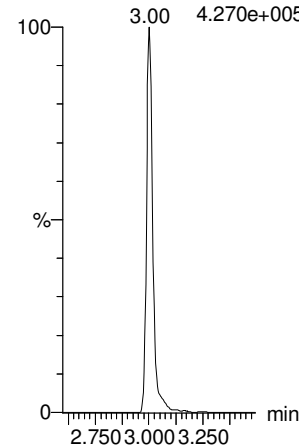
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.806e+004



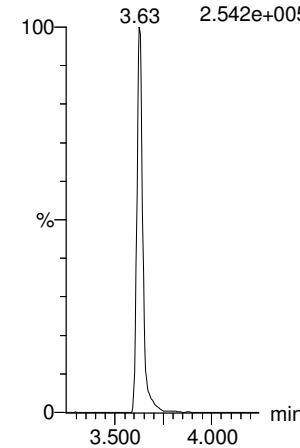
13C2-PFHxA-RSD

IB IBF14:MRM of 1 channel,ES-
315.0 > 270.0
4.270e+005



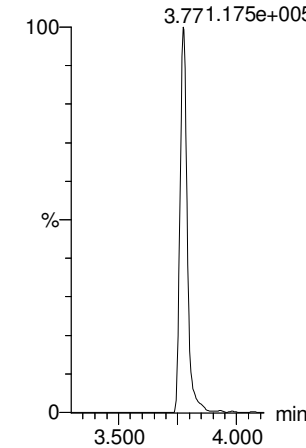
13C4-PFHpA-RSD

IB IBF21:MRM of 1 channel,ES-
367.2 > 321.8
2.542e+005



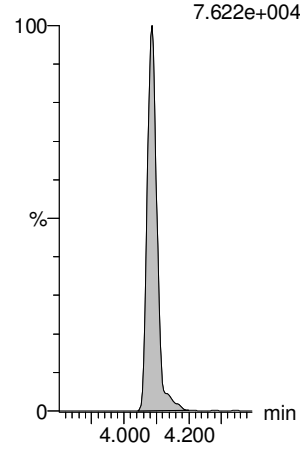
13C3-PFHxS-RSD

IB IBF24:MRM of 1 channel,ES-
401.8 > 79.9
1.175e+005



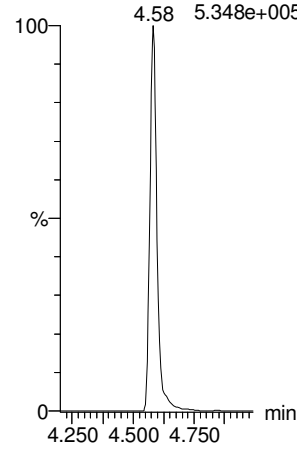
13C2-6:2 FTS-RSD

IB IBF30:MRM of 1 channel,ES-
429.0 > 79.9
7.622e+004



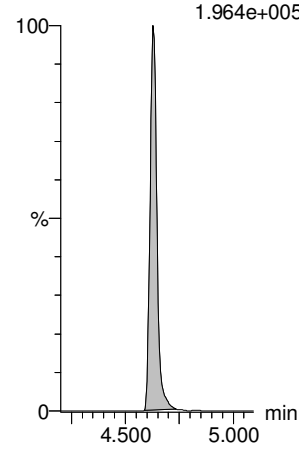
13C5-PFNA-RSD

IB IBF36:MRM of 1 channel,ES-
468.2 > 422.9
5.348e+005



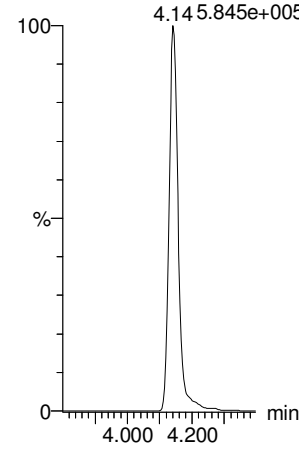
13C8-PFOA-RSD

IB IBF42:MRM of 1 channel,ES-
506. > 78
1.964e+005



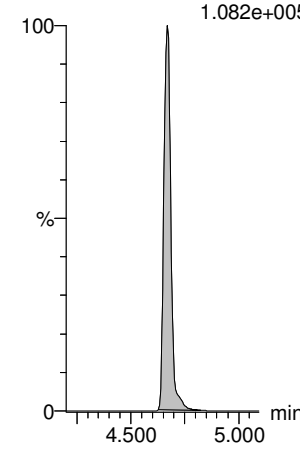
13C2-PFOA-RSD

IB IBF27:MRM of 1 channel,ES-
414.9 > 369.7
5.845e+005



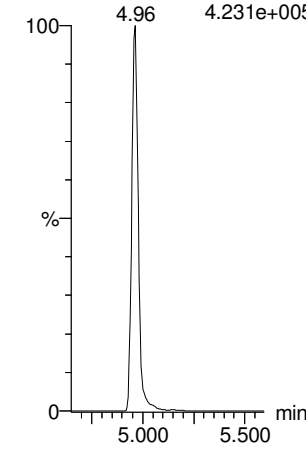
13C8-PFOS-RSD

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.082e+005



13C2-PFDA-RSD

IB IBF46:MRM of 1 channel,ES-
515.1 > 469.9
4.231e+005



Dataset: Untitled

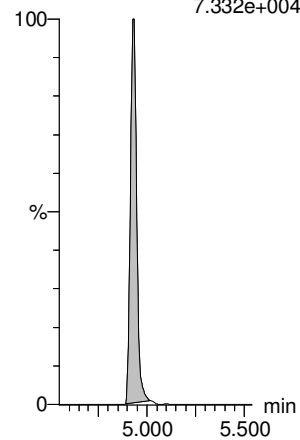
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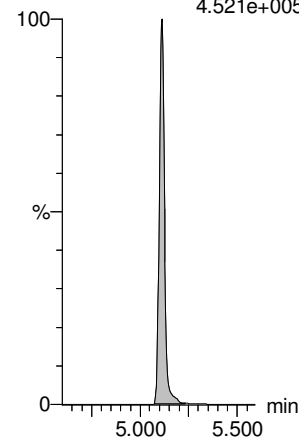
13C2-8:2 FTS-RSD

IB IBF51:MRM of 1 channel,ES-
528.9 > 79.9
7.332e+004



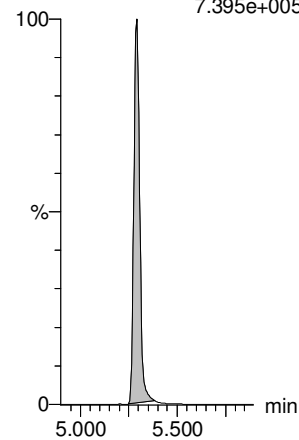
d3-N-MeFOSAA-RSD

IB IBF59:MRM of 1 channel,ES-
573. > 419
4.521e+005



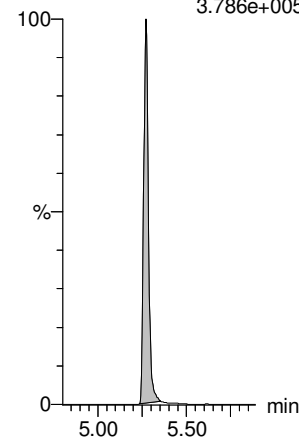
13C2-PFUdA-RSD

IB IBF56:MRM of 1 channel,ES-
565 > 519.8
7.395e+005



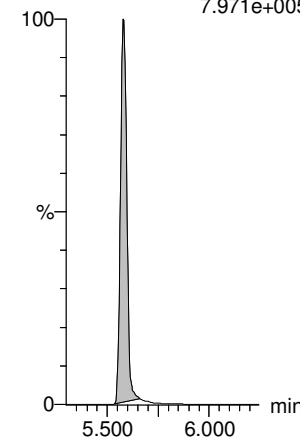
d5-N-EtFOSAA-RSD

IB IBF61:MRM of 1 channel,ES-
589. > 419
3.786e+005



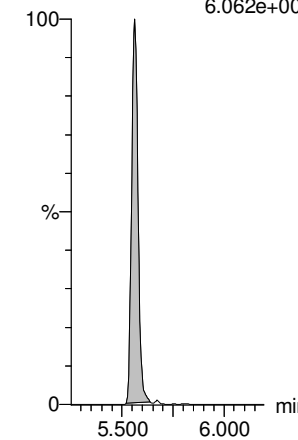
13C2-PFDoA-RSD

IB IBF64:MRM of 1 channel,ES-
615 > 570
7.971e+005



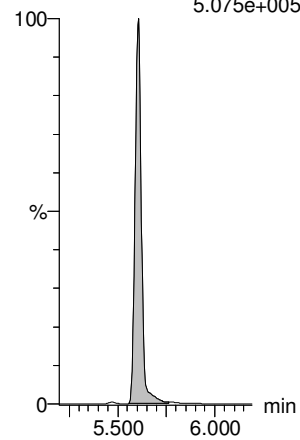
13C2-10:2 FTS-RSD

IB IBF70:MRM of 1 channel,ES-
633 > 79.9
6.062e+004



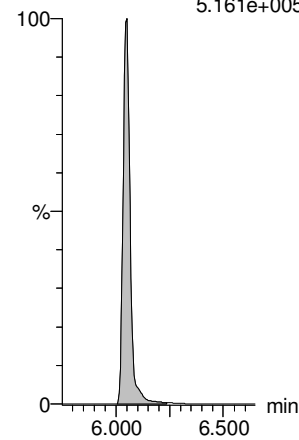
d3-N-MeFOSA-RSD

IB IBF47:MRM of 1 channel,ES-
515.2 > 168.9
5.075e+005



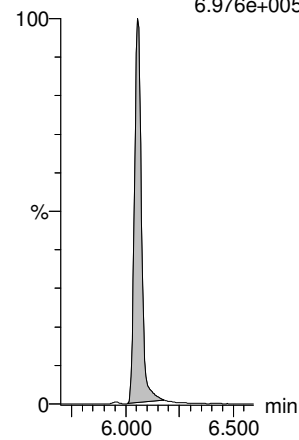
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.161e+005



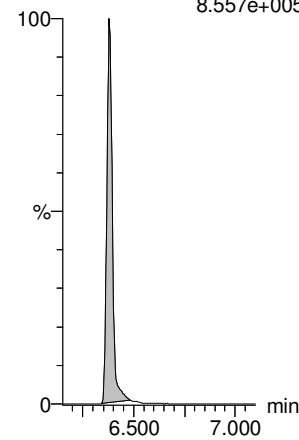
d5-N-ETFOSA-RSD

IB IBF53:MRM of 1 channel,ES-
531.1 > 168.9
6.976e+005



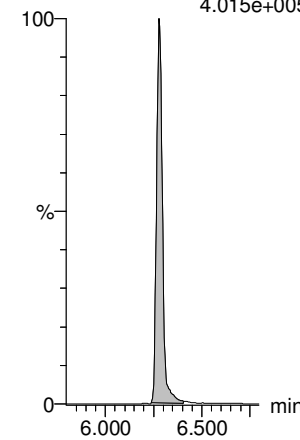
13C2-PFHxDA-RSD

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
8.557e+005



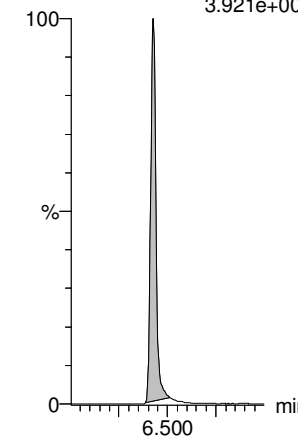
d7-N-MeFOSE-RSD

IB IBF66:MRM of 1 channel,ES-
623.1 > 58.9
4.015e+005



d9-N-EtFOSE-RSD

IB IBF71:MRM of 1 channel,ES-
639.2 > 58.8
3.921e+005



Dataset: Untitled

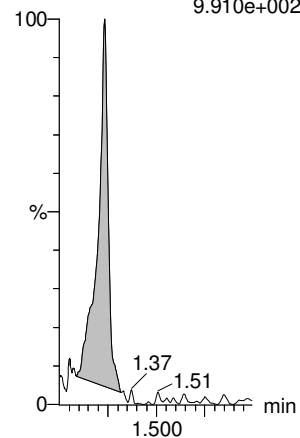
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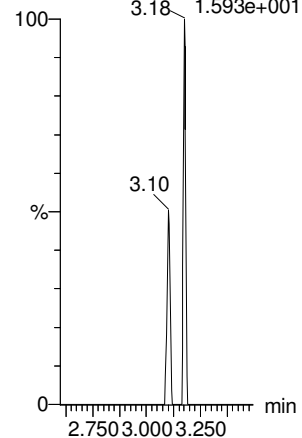
13C4-PFBA

IB IB F4:MRRM of 1 channel,ES-
217.0 > 172.0
9.910e+002



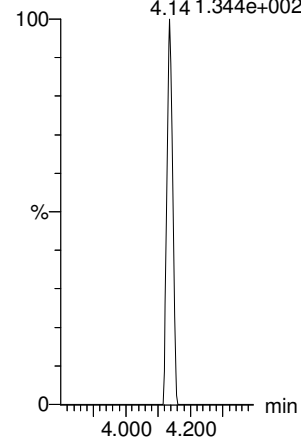
13C5-PFHxA

IB IB F15:MRRM of 1 channel,ES-
318.0 > 272.9
1.593e+001



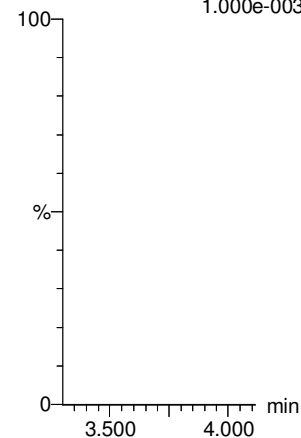
13C8-PFOA

IB IB F28:MRRM of 1 channel,ES-
420.9 > 376.0
1.344e+002



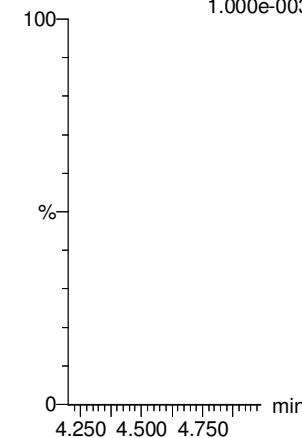
18O2-PFHxS

IB IB F25:MRRM of 1 channel,ES-
- 403.0 > 103.0
1.000e-003



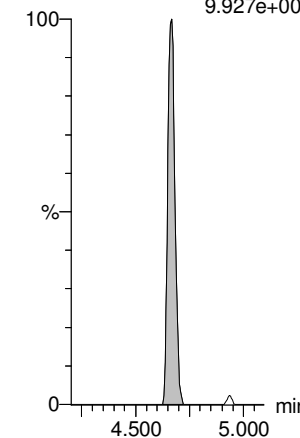
13C9-PFNA

IB IB F37:MRRM of 1 channel,ES-
- 472.2 > 426.9
1.000e-003



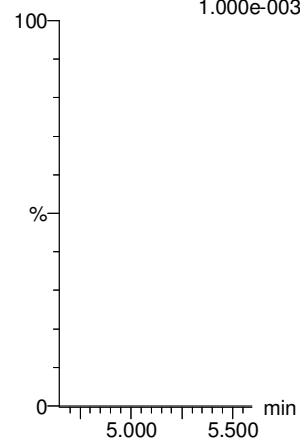
13C4-PFOS

IB IB F41:MRRM of 1 channel,ES-
503 > 80.0
9.927e+002



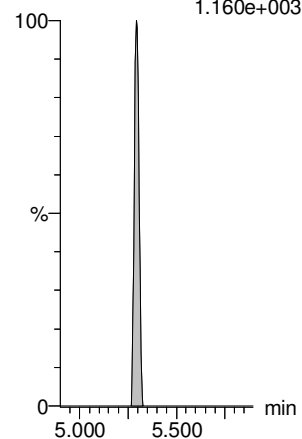
13C6-PFDA

IB IB F48:MRRM of 1 channel,ES-
- 519.1 > 473.7
1.000e-003



13C7-PFUdA

IB IB F58:MRRM of 1 channel,ES-
570.1 > 524.8
1.160e+003



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	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	5.182	4434.297	1.00	1.25	0.015		0.0441		NO		
2	2 PFPrS	248.9 > 79.9		1730.476	1.00						NO		
3	3 3:3 FTCA	241.1 > 177.0		7810.505	1.00						NO		
4	4 PFPeA	263.1 > 218.9	5.555	7810.505	1.00	2.45	0.009		0.0231		NO		
5	5 PFBS	299.0 > 79.7		1730.476	1.00						NO		
6	6 4:2 FTS	327.0 > 306.9		2807.940	1.00						NO		
7	47 13C3-PFBA-EIS	216.1 > 171.8	4434.297		1.00	1.23	4434.297	12.500	16.0	127.7	NO		
8	51 13C3-PFBS-EIS	302.0 > 99	1730.476		1.00	2.46	1730.476	12.500	13.5	107.6	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8	7810.505		1.00	2.17	7810.505	12.500	12.8	102.1	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8	7810.505		1.00	2.17	7810.505	12.500	12.8	102.1	NO		
11	51 13C3-PFBS-EIS	302.0 > 99	1730.476		1.00	2.46	1730.476	12.500	13.5	107.6	NO		
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9	2807.940		1.00	2.92	2807.940	12.500	13.1	104.4	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0		14880.430	1.00						NO		
15	8 PFPeS	349.0 > 80.0		1730.476	1.00						NO		
16	9 HFPO-DA	285.1 > 168.9		1240.286	1.00						NO		
17	10 5:3 FTCA	340.9 > 236.9		8756.831	1.00						NO		
18	11 PFHpA	363.0 > 318.9	21.848	8756.831	1.00	3.53	0.031				NO		
19	12 ADONA	376.8 > 250.9	17.692	8756.831	1.00	3.53	0.025				NO		
20	57 13C2-PFHxA-EIS	315.0 > 270.0	14880.430		1.00	3.00	14880.430	12.500	13.1	104.6	NO		
21	51 13C3-PFBS-EIS	302.0 > 99	1730.476		1.00	2.46	1730.476	12.500	13.5	107.6	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	1240.286		1.00	3.23	1240.286	12.500	13.5	107.6	NO		
23	59 13C4-PFHpA-EIS	367.2 > 321.8	8756.831		1.00	3.63	8756.831	12.500	12.6	101.2	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8	8756.831		1.00	3.63	8756.831	12.500	12.6	101.2	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8	8756.831		1.00	3.63	8756.831	12.500	12.6	101.2	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0		4122.390	1.00						NO		
28	15 6:2 FTS	427 > 407.0		2620.670	1.00						NO		
29	16 L-PFOA	412.8 > 368.9	83.416	18321.959	1.00	4.14	0.057		0.0427		NO	5.422	NO
30	18 PFecHS	460.8 > 381.0		18321.959	1.00						NO		
31	19 PFHpS	448.9 > 80.0		4126.378	1.00						NO		
32	20 7:3 FTCA	441.0 > 337.0		17381.471	1.00						NO		
33	61 13C3-PFHxS-EIS	401.8 > 79.9	4122.390		1.00	3.77	4122.390	12.500	13.1	104.7	NO		
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9	2620.670		1.00	4.09	2620.670	12.500	12.9	103.4	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7	18321.959		1.00	4.14	18321.959	12.500	13.1	104.7	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7	18321.959		1.00	4.14	18321.959	12.500	13.1	104.7	NO		

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Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	4126.378		1.00	4.67	4126.378	12.500	11.9	95.5	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	17381.471		1.00	4.58	17381.471	12.500	13.5	108.0	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	20.780	17381.471	1.00	4.51	0.015		0.0415		NO		
41	22 PFOSA	498.0 > 78.0	8.987	7013.849	1.00	4.62	0.016				NO		
42	23 L-PFOS	499 > 80	18.868	4126.378	1.00	4.66	0.057		0.0519		NO		
43	25 9CI-PF30NS	531 > 351.0		4126.378	1.00						NO		
44	26 PFDA	513 > 468.8	11.459	15410.529	1.00	4.99	0.009				NO		
45	27 8:2 FTS	526.9 > 507.0		2629.430	1.00						NO		
46	65 13C5-PFNA-EIS	468.2 > 422.9	17381.471		1.00	4.58	17381.471	12.500	13.5	108.0	NO		
47	67 13C8-PFOSA-EIS	506. > 78	7013.849		1.00	4.63	7013.849	12.500	13.1	105.1	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	4126.378		1.00	4.67	4126.378	12.500	11.9	95.5	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	4126.378		1.00	4.67	4126.378	12.500	11.9	95.5	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	15410.529		1.00	4.96	15410.529	12.500	12.6	101.1	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2629.430		1.00	4.93	2629.430	12.500	12.8	102.1	NO		
52	-1												
53	28 PFNS	548.9 > 79.9		4126.378	1.00						NO		
54	29 L-MeFOSAA	570 > 419		13577.655	1.00						NO		
55	31 L-EtFOSAA	583.9 > 419	7.224	12572.043	1.00	5.28	0.007		0.0720		NO		
56	33 PFUdA	563.0 > 518.9	108.380	24846.676	1.00	5.29	0.055		0.0165		NO	15.017	YES
57	34 PFDS	599.0 > 80.0		4126.378	1.00						NO		
58	35 11CI-PF30UdS	630.9 > 450.9	22.421	27846.889	1.00	5.51	0.010				NO		
59	73 13C8-PFOS-EIS	507.0 > 80	4126.378		1.00	4.67	4126.378	12.500	11.9	95.5	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	13577.655		1.00	5.11	13577.655	12.500	12.3	98.7	NO		
61	83 d5-N-EtFOSAA-EIS	589. > 419	12572.043		1.00	5.27	12572.043	12.500	12.9	103.2	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	24846.676		1.00	5.29	24846.676	12.500	13.3	106.5	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	4126.378		1.00	4.67	4126.378	12.500	11.9	95.5	NO		
64	85 13C2-PFDoA-EIS	615 > 570	27846.889		1.00	5.58	27846.889	12.500	12.9	102.8	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	21.299	2131.885	1.00	5.57	0.125		0.0351		NO	1.370	NO
67	37 PFDoA	612.9 > 569.0	346.319	27846.889	1.00	5.60	0.155		0.145		NO	48.497	YES
68	38 N-MeFOSA	512.1 > 168.9	5.692	18487.889	1.00	5.57	0.046				NO	0.943	NO
69	39 PFTTrDA	662.9 > 618.9	214.432	27846.889	1.00	5.83	0.096		0.0628		NO	13.019	NO
70	40 PFDoS	698.9 > 80	50.605	18912.121	1.00	5.86	0.033		0.181		NO	1.802	NO
71	41 PFTeDA	713.0 > 669.0	496.588	18912.121	1.00	6.05	0.328		0.216		NO	13.860	NO
72	87 13C2-10:2 FTS-EIS	633 > 79.9	2131.885		1.00	5.56	2131.885	12.500	13.6	109.0	NO		

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#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFDoA-EIS	615 > 570	27846.889		1.00	5.58	27846.889	12.500	12.9	102.8	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	18487.889		1.00	5.61	18487.889	149.200	137	92.0	NO		
75	85 13C2-PFDoA-EIS	615 > 570	27846.889		1.00	5.58	27846.889	12.500	12.9	102.8	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	18912.121		1.00	6.05	18912.121	12.500	12.8	102.7	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	18912.121		1.00	6.05	18912.121	12.500	12.8	102.7	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	23.440	25914.576	1.00	6.04	0.135				NO	1.783	NO
80	43 PFHxDA	813.1 > 768.6	586.975	28050.771	1.00	6.38	0.262		0.243		NO	51.748	YES
81	44 PFOA	913 > 869	552.109	28050.771	1.00	6.61	0.246		0.240		NO		
82	45 N-MeFOSE	616.1 > 58.9	38.528	13707.638	1.00	6.30	0.419				NO		
83	46 N-EtFOSE	630.1 > 58.9	32.955	12685.249	1.00	6.43	0.388				NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	4434.297	56.952	1.00	1.23	973.253	12.500	1410	11247.0	YES		
85	93 d5-N-ETFOSE-EIS	531.1 > 168.9	25914.576		1.00	6.06	25914.576	149.200	138	92.8	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	28050.771		1.00	6.38	28050.771	12.500	13.1	104.7	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	28050.771		1.00	6.38	28050.771	12.500	13.1	104.7	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	13707.638		1.00	6.28	13707.638	149.200	152	102.0	NO		
89	99 d9-N-EtFOSE-EIS	639.2 > 58.8	12685.249		1.00	6.43	12685.249	149.200	132	88.3	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99			1.00			12.500			NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9			1.00			12.500			NO		
94	56 13C2-4:2 FTS-RSD	329.0 > 79.9			1.00			12.500			NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8			1.00			12.500			NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9			1.00			12.500			NO		
98	64 13C2-6:2 FTS-RSD	429.0 > 79.9	2620.670	37.602	1.00	4.09	871.187	12.500	1530	12251.2	YES		
99	66 13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68 13C8-PFOA-RSD	506. > 78	7013.849	31.798	1.00	4.63	2757.190	12.500	11400	90830.8	YES		
101	70 13C2-PFOA-RSD	414.9 > 369.7			1.00			12.500			NO		
102	74 13C8-PFOS-RSD	507.0 > 80	4126.378	37.602	1.00	4.67	1371.728	12.500	1340	10722.6	YES		
103	76 13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1												
105	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2629.430	37.602	1.00	4.93	874.099	12.500	1390	11100.5	YES		
106	80 d3-N-MeFOSAA-RSD	573. > 419	13577.655	31.798	1.00	5.11	5337.464	12.500	10300	82770.8	YES		
107	82 13C2-PFUdA-RSD	565 > 519.8	24846.676	31.798	1.00	5.29	9767.389	12.500	11100	88439.8	YES		
108	84 d5-N-EtFOSAA-RSD	589. > 419	12572.043	31.798	1.00	5.27	4942.152	12.500	10900	87147.7	YES		

Dataset: Untitled

Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86 13C2-PFDoA-RSD	615 > 570	27846.889		1.00	5.58		12.500					
110	88 13C2-10:2 FTS-RSD	633 > 79.9	2131.885	37.602	1.00	5.56	708.701	12.500	1610	12893.6	YES		
111	90 d3-N-MeFOSA-RSD	515.2 > 168.9	18487.889	31.798	1.00	5.61	7267.709	149.200	116000	77988.5	YES		
112	92 13C2-PFTeDA-RSD	715.1 > 669.7	18912.121	31.798	1.00	6.05	7434.477	12.500	10700	85579.6	YES		
113	94 d5-N-ETFOSA-RSD	531.1 > 168.9	25914.576	31.798	1.00	6.06	10187.188	149.200	116000	77750.8	YES		
114	96 13C2-PFHxDA-RSD	815 > 769.7	28050.771	31.798	1.00	6.38	11026.940	12.500	10400	83541.0	YES		
115	98 d7-N-MeFOSE-RSD	623.1 > 58.9	13707.638	31.798	1.00	6.28	5388.561	149.200	128000	85892.2	YES		
116	1... d9-N-EtFOSE-RSD	639.2 > 58.8	12685.249	31.798	1.00	6.43	4986.654	149.200	108000	72370.7	YES		
117	-1												
118	1... 13C4-PFBA	217.0 > 172.0	56.952	56.952	1.00	1.23	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1... 13C8-PFOA	420.9 > 376.0			1.00			12.500			NO		
121	1... 18O2-PFHxS	403.0 > 103.0			1.00			12.500			NO		
122	1... 13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
123	1... 13C4-PFOS	503 > 80.0	37.602	37.602	1.00	4.67	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1... 13C7-PFUDa	570.1 > 524.8	31.798	31.798	1.00	5.29	12.500	12.500	12.5	100.0	NO		

LC Calibration Standards Review Checklist Q4

Calibration ID:		ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	
<u>ST200716MI-11</u>	<u>LMH</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<u>-12</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<u>-13</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<u>LMH</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<u>LMH</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<u>LMH</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<u>LMH</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<u>LMH</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<u>LMH</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<u>LMH</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NIA

Full Mass Cal. Date: 20200716

- Run Log Present:
 - # of Samples per Sequence Checked:
 - Instrument Blank Saved:
 - All Branches in Acquisition Window:
 - IIS Area Saved: NIA
- Reviewed By: OT/AT/OPV
Initials/Date

Comments:

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-27.qld

Last Altered: Friday, July 17, 2020 10:12:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:35:02 Pacific Daylight Time

Vopv 07/17/20

Name: 200716M1_27, Date: 16-Jul-2020, Time: 19:47:09, ID: ST200716M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	3857.507	3420.228	1.00	1.23	14.098	10.000	10.1	100.6	NO		
2	2 PFPrS	248.9 > 79.9	1789.373	1593.076	1.00	1.56	14.040	10.000	9.44	94.4	NO	2.304	NO
3	3 3:3 FTCA	241.1 > 177.0	393.499	7083.384	1.00	2.04	0.694	10.000	9.61	96.1	NO	2.168	NO
4	4 PFPeA	263.1 > 218.9	5615.285	7083.384	1.00	2.18	9.909	10.000	10.5	104.7	NO		
5	5 PFBS	299.0 > 79.7	2528.179	1593.076	1.00	2.47	19.837	10.000	10.0	100.2	NO	2.567	NO
6	6 4:2 FTS	327.0 > 306.9	5590.935	2480.502	1.00	2.92	28.174	10.000	11.0	109.8	NO	1.849	NO
7	47 13C3-PFBA-EIS	216.1 > 171.8	3420.228		1.00	1.23	3420.228	12.500	12.3	98.5	NO		
8	51 13C3-PFBS-EIS	302.0 > 99	1593.076		1.00	2.47	1593.076	12.500	12.4	99.1	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8	7083.384		1.00	2.18	7083.384	12.500	11.6	92.6	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8	7083.384		1.00	2.18	7083.384	12.500	11.6	92.6	NO		
11	51 13C3-PFBS-EIS	302.0 > 99	1593.076		1.00	2.47	1593.076	12.500	12.4	99.1	NO		
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9	2480.502		1.00	2.92	2480.502	12.500	11.5	92.2	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0	11340.995	13344.986	1.00	3.01	10.623	10.000	9.87	98.7	NO	16.241	NO
15	8 PFPeS	349.0 > 80.0	2895.870	1593.076	1.00	3.22	22.722	10.000	10.2	102.5	NO	1.611	NO
16	9 HFPO-DA	285.1 > 168.9	841.484	1139.295	1.00	3.24	9.233	10.000	9.56	95.6	NO	2.115	NO
17	10 5:3 FTCA	340.9 > 236.9	2261.987	8220.473	1.00	3.57	3.440	10.000	10.2	101.6	NO	1.588	NO
18	11 PFHpA	363.0 > 318.9	8007.824	8220.473	1.00	3.63	12.177	10.000	9.81	98.1	NO	10.806	NO
19	12 ADONA	376.8 > 250.9	30401.480	8220.473	1.00	3.74	46.228	10.000	9.98	99.8	NO	3.517	NO
20	57 13C2-PFHxA-EIS	315.0 > 270.0	13344.986		1.00	3.01	13344.986	12.500	11.7	93.8	NO		
21	51 13C3-PFBS-EIS	302.0 > 99	1593.076		1.00	2.47	1593.076	12.500	12.4	99.1	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	1139.295		1.00	3.24	1139.295	12.500	12.4	98.9	NO		
23	59 13C4-PFHpA-EIS	367.2 > 321.8	8220.473		1.00	3.63	8220.473	12.500	11.9	95.0	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8	8220.473		1.00	3.63	8220.473	12.500	11.9	95.0	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8	8220.473		1.00	3.63	8220.473	12.500	11.9	95.0	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0	3150.424	3644.062	1.00	3.78	10.807	10.000	10.2	101.9	NO	1.583	NO
28	15 6:2 FTS	427 > 407.0	5747.893	2243.477	1.00	4.09	32.026	10.000	10.4	104.3	NO	2.342	NO
29	16 L-PFOA	412.8 > 368.9	19469.428	15929.561	1.00	4.15	15.278	10.000	10.5	104.9	NO	4.005	NO
30	18 PFecHS	460.8 > 381.0	5397.405	15929.561	1.00	4.16	4.235	10.000	9.65	96.5	NO	0.890	NO
31	19 PFHpS	448.9 > 80.0	3037.978	4142.256	1.00	4.26	9.168	10.000	10.2	101.8	NO	2.021	NO
32	20 7:3 FTCA	441.0 > 337.0	4411.783	15357.426	1.00	4.57	3.591	10.000	9.51	95.1	NO	1.489	NO
33	61 13C3-PFHxS-EIS	401.8 > 79.9	3644.062		1.00	3.78	3644.062	12.500	11.6	92.6	NO		
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9	2243.477		1.00	4.09	2243.477	12.500	11.1	88.5	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7	15929.561		1.00	4.15	15929.561	12.500	11.4	91.0	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7	15929.561		1.00	4.15	15929.561	12.500	11.4	91.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-27.qld

Last Altered: Friday, July 17, 2020 10:12:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:35:02 Pacific Daylight Time

Name: 200716M1_27, Date: 16-Jul-2020, Time: 19:47:09, ID: ST200716M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vcl	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	4142.256		1.00	4.67	4142.256	12.500	12.0	95.9	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	15357.426		1.00	4.59	15357.426	12.500	11.9	95.4	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	15098.765	15357.426	1.00	4.59	12.289	10.000	9.74	97.4	NO	3.930	NO
41	22 PFOSA	498.0 > 78.0	5025.571	6455.790	1.00	4.64	9.731	10.000	10.5	105.2	NO	29.527	NO
42	23 L-PFOS	499 > 80	3338.879	4142.256	1.00	4.67	10.076	10.000	10.2	102.1	NO	1.843	NO
43	25 9Cl-PF30NS	531 > 351.0	11797.671	4142.256	1.00	4.90	35.602	10.000	10.3	102.9	NO	24.492	NO
44	26 PFDA	513 > 468.8	19238.580	15160.980	1.00	4.97	15.862	10.000	10.3	103.1	NO	5.666	NO
45	27 8:2 FTS	526.9 > 507.0	5275.901	2606.479	1.00	4.93	25.302	10.000	10.3	103.1	NO	1.770	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	15357.426		1.00	4.59	15357.426	12.500	11.9	95.4	NO		
47	67 13C8-PFOSA-EIS	506. > 78	6455.790		1.00	4.63	6455.790	12.500	12.1	96.8	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	4142.256		1.00	4.67	4142.256	12.500	12.0	95.9	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	4142.256		1.00	4.67	4142.256	12.500	12.0	95.9	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	15160.980		1.00	4.97	15160.980	12.500	12.4	99.5	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2606.479		1.00	4.93	2606.479	12.500	12.7	101.2	NO		
52	-1												
53	28 PFNS	548.9 > 79.9	3423.519	4142.256	1.00	5.03	10.331	10.000	9.82	98.2	NO	1.664	NO
54	29 L-MeFOSAA	570 > 419	9217.457	12331.545	1.00	5.12	9.343	10.000	10.5	104.9	NO	2.716	NO
55	31 L-EiFOSAA	583.9 > 419	8460.233	11504.998	1.00	5.28	9.192	10.000	10.2	102.4	NO	1.340	NO
56	33 PFUdA	563.0 > 518.9	18159.660	23633.963	1.00	5.30	9.605	10.000	10.2	102.1	NO	9.017	NO
57	34 PFDS	599.0 > 80.0	2766.529	4142.256	1.00	5.34	8.348	10.000	10.3	102.6	NO	1.441	NO
58	35 11Cl-PF30UdS	630.9 > 450.9	12727.712	25077.313	1.00	5.51	6.344	10.000	10.8	108.2	NO	23.327	NO
59	73 13C8-PFOS-EIS	507.0 > 80	4142.256		1.00	4.67	4142.256	12.500	12.0	95.9	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	12331.545		1.00	5.12	12331.545	12.500	11.2	89.6	NO		
61	83 d5-N-EiFOSAA-EIS	589. > 419	11504.998		1.00	5.27	11504.998	12.500	11.8	94.4	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	23633.963		1.00	5.30	23633.963	12.500	12.7	101.3	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	4142.256		1.00	4.67	4142.256	12.500	12.0	95.9	NO		
64	85 13C2-PFDoA-EIS	615 > 570	25077.313		1.00	5.59	25077.313	12.500	11.6	92.6	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	4621.083	1747.612	1.00	5.57	33.053	10.000	9.91	99.1	NO	1.639	NO
67	37 PFDoA	612.9 > 569.0	20733.717	25077.313	1.00	5.58	10.335	10.000	10.5	105.0	NO	8.263	NO
68	38 N-MeFOSA	512.1 > 168.9	6034.552	18725.838	1.00	5.58	48.081	50.000	51.4	102.9	NO	1.348	NO
69	39 PFTTrDA	662.9 > 618.9	20164.555	25077.313	1.00	5.83	10.051	10.000	10.8	108.3	NO	9.026	NO
70	40 PFDoS	698.9 > 80	3940.261	17579.377	1.00	5.86	2.802	10.000	10.3	102.6	NO	1.881	NO
71	41 PFTeDA	713.0 > 669.0	20284.652	17579.377	1.00	6.05	14.424	10.000	9.78	97.8	NO	13.739	NO
72	87 13C2-10:2 FTS-EIS	633 > 79.9	1747.612		1.00	5.57	1747.612	12.500	11.2	89.4	NO		

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-27.qld

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Name: 200716M1_27, Date: 16-Jul-2020, Time: 19:47:09, ID: ST200716M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFD _o A-EIS	615 > 570	25077.313		1.00	5.59	25077.313	12.500	11.6	92.6	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	18725.838		1.00	5.61	18725.838	149.200	139	93.2	NO		
75	85 13C2-PFD _o A-EIS	615 > 570	25077.313		1.00	5.59	25077.313	12.500	11.6	92.6	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	17579.377		1.00	6.05	17579.377	12.500	11.9	95.5	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	17579.377		1.00	6.05	17579.377	12.500	11.9	95.5	NO		
78	-1												
79	42 N-EiFOSA	526.1 > 168.9	7698.649	27953.539	1.00	6.04	41.091	50.000	49.5	99.0	NO	1.445	NO
80	43 PFHxDA	813.1 > 768.6	14644.896	27058.354	1.00	6.38	6.765	10.000	9.94	99.4	NO	28.293	NO
81	44 PFOA	913 > 869	21127.271	27058.354	1.00	6.61	9.760	10.000	9.73	97.3	NO		
82	45 N-MeFOSE	616.1 > 58.9	4069.295	13159.446	1.00	6.29	46.137	50.000	48.4	96.8	NO		
83	46 N-EiFOSE	630.1 > 58.9	4852.477	14218.905	1.00	6.44	50.917	50.000	48.9	97.9	NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	3408.783	4877.215	1.00	1.23	8.736	12.500	12.6	101.0	NO		
85	93 d5-N-ETFOSA-EIS	531.1 > 168.9	27953.539		1.00	6.06	27953.539	149.200	149	100.1	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	27058.354		1.00	6.38	27058.354	12.500	12.6	101.0	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	27058.354		1.00	6.38	27058.354	12.500	12.6	101.0	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	13159.446		1.00	6.28	13159.446	149.200	146	97.9	NO		
89	99 d9-N-EiFOSE-EIS	639.2 > 58.8	14218.905		1.00	6.43	14218.905	149.200	148	99.0	NO		
90	50 13C3-PFP _e A-RSD	266.0 > 221.8	7083.384	15898.966	1.00	2.18	5.569	12.500	11.7	93.2	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1592.911	2041.046	1.00	2.47	9.755	12.500	12.6	100.7	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	1139.295	15898.966	1.00	3.24	0.896	12.500	12.5	99.8	NO		
94	56 13C2-4:2 FTS-RSD	329.0 > 79.9	2482.020	2041.046	1.00	2.92	15.201	12.500	12.5	99.6	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	13344.986	15898.966	1.00	3.01	10.492	12.500	11.9	94.8	NO		
96	60 13C4-PFH _p A-RSD	367.2 > 321.8	8225.084	15898.966	1.00	3.63	6.467	12.500	12.2	97.8	NO		
97	62 13C3-PFH _x S-RSD	401.8 > 79.9	3644.062	2041.046	1.00	3.78	22.317	12.500	12.4	98.9	NO		
98	64 13C2-6:2 FTS-RSD	429.0 > 79.9	2242.145	3576.360	1.00	4.09	7.837	12.500	13.8	110.2	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	15357.426	16612.557	1.00	4.59	11.556	12.500	12.8	102.7	NO		
100	68 13C8-PFOA-RSD	506. > 78	6455.790	24551.736	1.00	4.63	3.287	12.500	13.5	108.3	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	15929.561	23235.590	1.00	4.15	8.570	12.500	12.3	98.5	NO		
102	74 13C8-PFOS-RSD	507.0 > 80	4147.189	3576.360	1.00	4.67	14.495	12.500	14.2	113.3	NO		
103	76 13C2-PFDA-RSD	515.1 > 469.9	15161.918	20465.730	1.00	4.97	9.261	12.500	12.2	97.8	NO		
104	-1												
105	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2606.479	3576.360	1.00	4.93	9.110	12.500	14.5	115.7	NO		
106	80 d3-N-MeFOSAA-RSD	573. > 419	12331.545	24551.736	1.00	5.12	6.278	12.500	12.2	97.4	NO		
107	82 13C2-PFUdA-RSD	565 > 519.8	23633.963	24551.736	1.00	5.30	12.033	12.500	13.6	109.0	NO		
108	84 d5-N-EiFOSAA-RSD	589. > 419	11504.998	24551.736	1.00	5.27	5.858	12.500	12.9	103.3	NO		

FBR 7/17/2020

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-27.qld

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Name: 200716M1_27, Date: 16-Jul-2020, Time: 19:47:09, ID: ST200716M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86 13C2-PFDoA-RSD	615 > 570	25077.313	20465.730	1.00	5.59	15.317	12.500	11.6	93.1	NO		
110	88 13C2-10:2 FTS-RSD	633 > 79.9	1747.612	3576.360	1.00	5.57	6.108	12.500	13.9	111.1	NO		
111	90 d3-N-MeFOSA-RSD	515.2 > 168.9	18725.838	24551.736	1.00	5.61	9.534	149.200	153	102.3	NO		
112	92 13C2-PFTeDA-RSD	715.1 > 669.7	17579.377	24551.736	1.00	6.05	8.950	12.500	12.9	103.0	NO		
113	94 d5-N-ETFOSA-RSD	531.1 > 168.9	27953.539	24551.736	1.00	6.06	14.232	149.200	162	108.6	NO		
114	96 13C2-PFHxDA-RSD	815 > 769.7	27058.354	24551.736	1.00	6.38	13.776	12.500	13.0	104.4	NO		
115	98 d7-N-MeFOSE-RSD	623.1 > 58.9	13169.242	24551.736	1.00	6.28	6.705	149.200	159	106.9	NO		
116	1... d9-N-EtFOSE-RSD	639.2 > 58.8	14218.905	24551.736	1.00	6.43	7.239	149.200	157	105.1	NO		
117	-1												
118	1... 13C4-PFBA	217.0 > 172.0	4877.215	4877.215	1.00	1.23	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9	15898.966	15898.966	1.00	3.01	12.500	12.500	12.5	100.0	NO		
120	1... 13C8-PFOA	420.9 > 376.0	23235.590	23235.590	1.00	4.15	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0	2041.046	2041.046	1.00	3.78	12.500	12.500	12.5	100.0	NO		
122	1... 13C9-PFNA	472.2 > 426.9	16612.557	16612.557	1.00	4.59	12.500	12.500	12.5	100.0	NO		
123	1... 13C4-PFOS	503 > 80.0	3576.360	3576.360	1.00	4.67	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7	20465.730	20465.730	1.00	4.97	12.500	12.500	12.5	100.0	NO		
125	1... 13C7-PFUdA	570.1 > 524.8	24551.736	24551.736	1.00	5.30	12.500	12.500	12.5	100.0	NO		

Dataset: Untitled

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	200716M1_1	IPA	16-Jul-20	15:17:08
2	200716M1_2	IPA	16-Jul-20	15:27:33
3	200716M1_3	ST200716M1-1 PFC CS-2 20F1901	16-Jul-20	15:37:57
4	200716M1_4	ST200716M1-2 PFC CS-1 20F1902	16-Jul-20	15:48:23
5	200716M1_5	ST200716M1-3 PFC CS0 20F1903	16-Jul-20	15:58:48
6	200716M1_6	ST200716M1-4 PFC CS1 20F1904	16-Jul-20	16:09:12
7	200716M1_7	ST200716M1-5 PFC CS2 20F1905	16-Jul-20	16:19:37
8	200716M1_8	ST200716M1-6 PFC CS3 20F1906	16-Jul-20	16:29:59
9	200716M1_9	ST200716M1-7 PFC CS4 20F1907	16-Jul-20	16:40:22
10	200716M1_10	ST200716M1-8 PFC CS5 20F1908	16-Jul-20	16:50:44
11	200716M1_11	ST200716M1-9 PFC CS6 20F1909	16-Jul-20	17:01:06
12	200716M1_12	ST200716M1-10 PFC CS7 20F1910	16-Jul-20	17:11:28
13	200716M1_13	IB	16-Jul-20	17:21:51
14	200716M1_14	ICV200716M1-1 PFC ICV 20F1911	16-Jul-20	17:32:13
15	200716M1_15	IB	16-Jul-20	17:42:35
16	200716M1_16	2001348-15 AB-10 (4.5-5) 1.43	16-Jul-20	17:53:00
17	200716M1_17	2001348-16 AB-11 (0.5-1) 1.34	16-Jul-20	18:03:20
18	200716M1_18	2001348-17 AB-11 (3-3.5) 1.34	16-Jul-20	18:13:42
19	200716M1_19	2001348-18 AB-12 (0.5-1) 1.28	16-Jul-20	18:24:04
20	200716M1_20	2001348-19 AB-14 (0.5-1) 1.25	16-Jul-20	18:34:26
21	200716M1_21	2001348-20 AB-16 (0.5-1) 1.32	16-Jul-20	18:44:48
22	200716M1_22	2001348-21 AB-17 (0.5-1) 1.26	16-Jul-20	18:55:10
23	200716M1_23	2001348-22 AB-18 (0.5-1) 1.26	16-Jul-20	19:05:33
24	200716M1_24	2001348-23 AB-19 (0.5-1) 1.27	16-Jul-20	19:15:55
25	200716M1_25	2001348-24 AB-19 (3-3.5) 1.42	16-Jul-20	19:26:19
26	200716M1_26	IB	16-Jul-20	19:36:44
27	200716M1_27	ST200716M1-11 PFC CS3 20F1906	16-Jul-20	19:47:09
28	200716M1_28	IB	16-Jul-20	19:57:34
29	200716M1_29	B0F0250-BLK1 Method Blank 0.25	16-Jul-20	20:07:58
30	200716M1_30	B0F0250-BS1 OPR 0.25	16-Jul-20	20:18:23
31	200716M1_31	2001409-09 I003MW02D-20200701 0.25658	16-Jul-20	20:28:45
32	200716M1_32	IB	16-Jul-20	20:39:11

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Last Altered: Friday, July 17, 2020 10:36:40 Pacific Daylight Time

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Compound name: PFBA

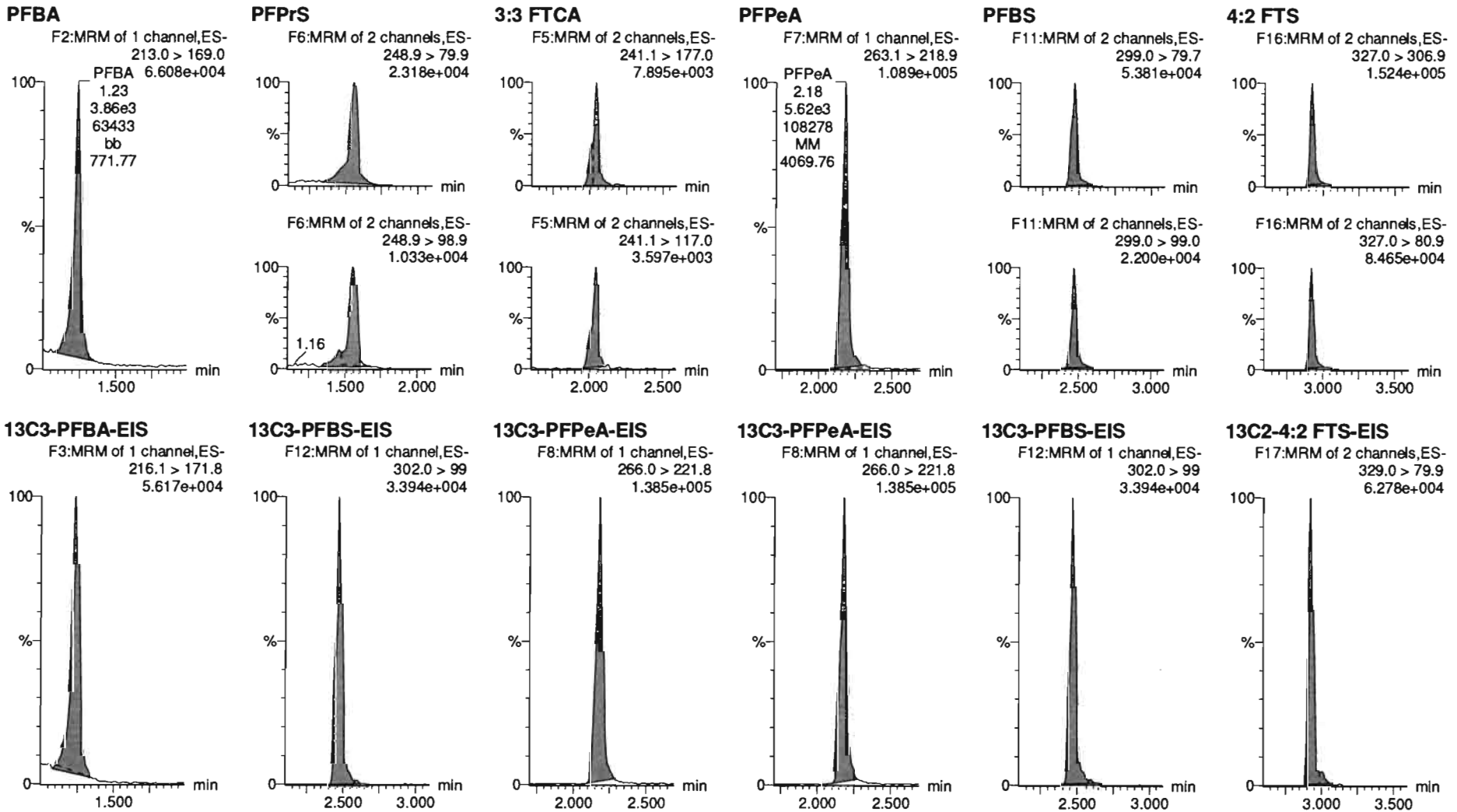
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34	34 200716M1_34	B0G0098-BLK1 Method Blank 0.125	16-Jul-20	20:59:55
35	35 200716M1_35	B0G0098-BS1 OPR 0.125	16-Jul-20	21:10:21
36	36 200716M1_36	2001453-01 GZ-2 0.11568	16-Jul-20	21:20:46
37	37 200716M1_37	2001453-02 MW-11 0.11484	16-Jul-20	21:31:11
38	38 200716M1_38	2001454-01 231 Baboosic Lake Rd 0.10912	16-Jul-20	21:41:36
39	39 200716M1_39	2001455-01 MW-3P 0.11235	16-Jul-20	21:52:01
40	40 200716M1_40	2001455-02 MW-4P 0.10875	16-Jul-20	22:02:26
41	41 200716M1_41	2001456-01 DPH #1 0.11172	16-Jul-20	22:12:52
42	42 200716M1_42	B0G0117-BLK1 Method Blank 0.01	16-Jul-20	22:23:17
43	43 200716M1_43	B0G0117-BS1 OPR 0.01	16-Jul-20	22:33:42
44	44 200716M1_44	B0G0117-BSD1 LCSD 0.01	16-Jul-20	22:44:06
45	45 200716M1_45	2001466-01 Milk Tank 0.01	16-Jul-20	22:54:30
46	46 200716M1_46	B0G0118-BLK1 Method Blank 0.25	16-Jul-20	23:04:55
47	47 200716M1_47	B0G0118-BS1 OPR 0.25	16-Jul-20	23:15:20
48	48 200716M1_48	2001467-01 Field Blank 0.25709	16-Jul-20	23:25:45
49	49 200716M1_49	2001467-02 Water Source 0.23027	16-Jul-20	23:36:08
50	50 200716M1_50	IB	16-Jul-20	23:46:30
51	51 200716M1_51	ST200716M1-12 PFC CS3 20F1906	16-Jul-20	23:56:52
52	52 200716M1_52	IB	17-Jul-20	00:07:14
53	53 200716M1_53	B0G0099-BLK1 Method Blank 0.125	17-Jul-20	00:17:37
54	54 200716M1_54	B0G0099-BS1 OPR 0.125	17-Jul-20	00:27:59
55	55 200716M1_55	2001457-01 Outfall-0.5h-1 0.10952	17-Jul-20	00:38:21
56	56 200716M1_56	2001457-02 Outfall-0.5h-2 0.11116	17-Jul-20	00:48:46
57	57 200716M1_57	2001457-03 Outfall-2h-1 0.11406	17-Jul-20	00:59:10
58	58 200716M1_58	2001457-04 Outfall-2h-2 0.11326	17-Jul-20	01:09:35
59	59 200716M1_59	2001457-05 Outfall-4h-1 0.11279	17-Jul-20	01:20:01
60	60 200716M1_60	2001457-06 Outfall-4h-2 0.11498	17-Jul-20	01:30:25
61	61 200716M1_61	2001457-07 Outfall-8h-1 0.11046	17-Jul-20	01:40:51
62	62 200716M1_62	2001457-08 Outfall-8h-2 0.11053	17-Jul-20	01:51:15
63	63 200716M1_63	2001457-09 AST-1 0.10956	17-Jul-20	02:01:40
64	64 200716M1_64	2001457-10 AST-2 0.11142	17-Jul-20	02:12:05
65	65 200716M1_65	IB	17-Jul-20	02:22:30
66	66 200716M1_66	ST200716M1-13 PFC CS3 20F1906	17-Jul-20	02:32:55
67	67 200716M1_67	IB	17-Jul-20	02:43:16

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-27.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55
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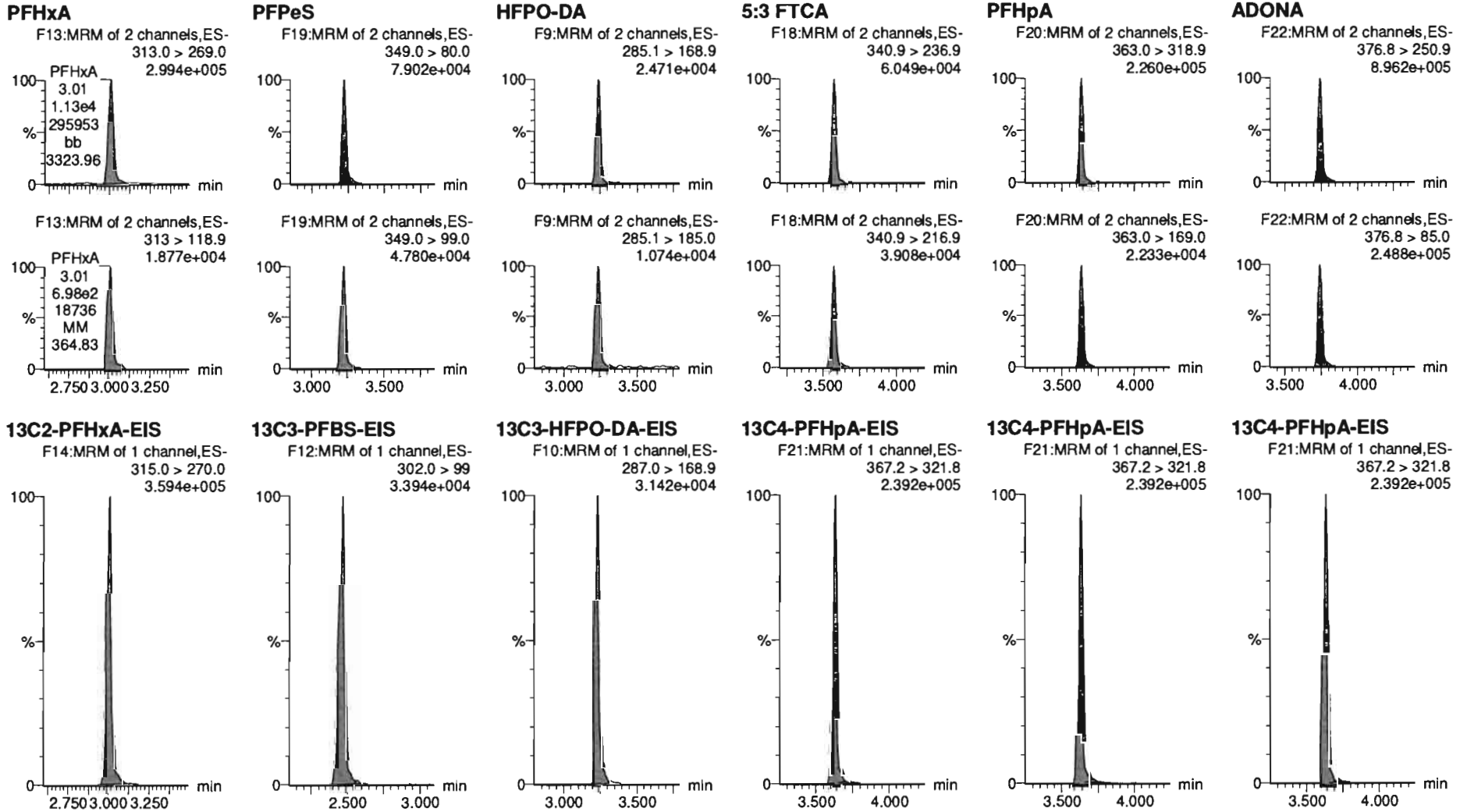
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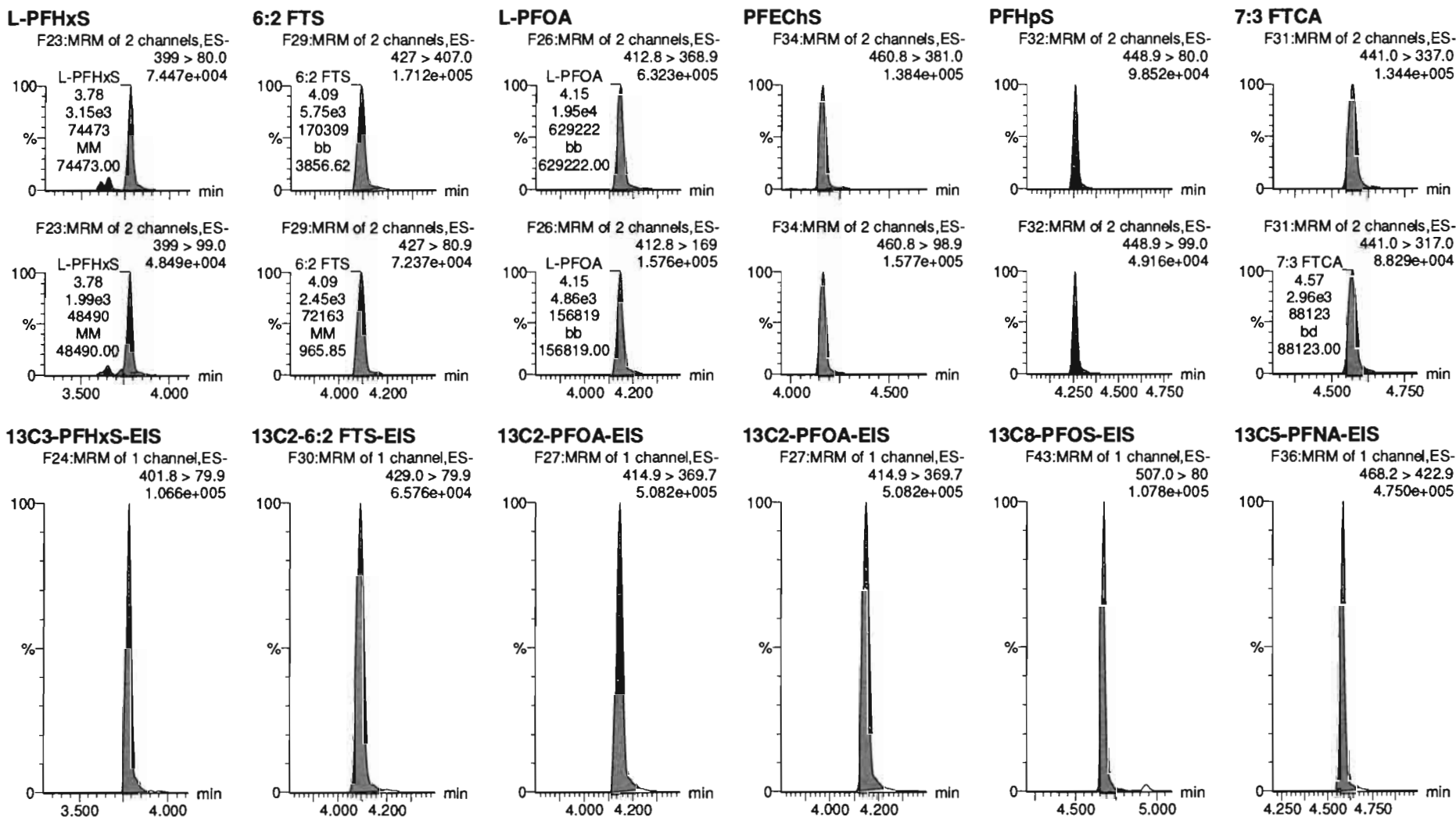


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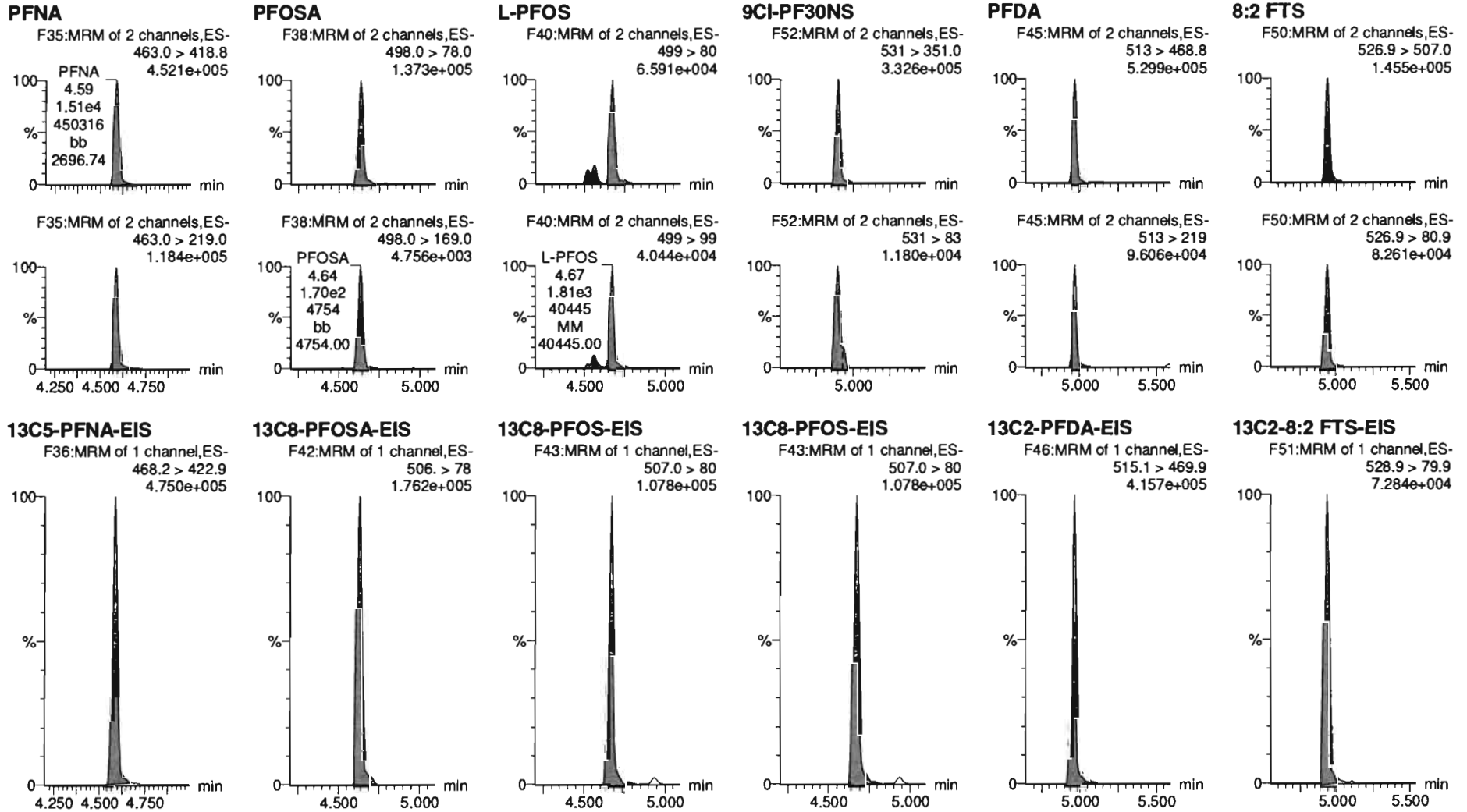
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Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-27.qld

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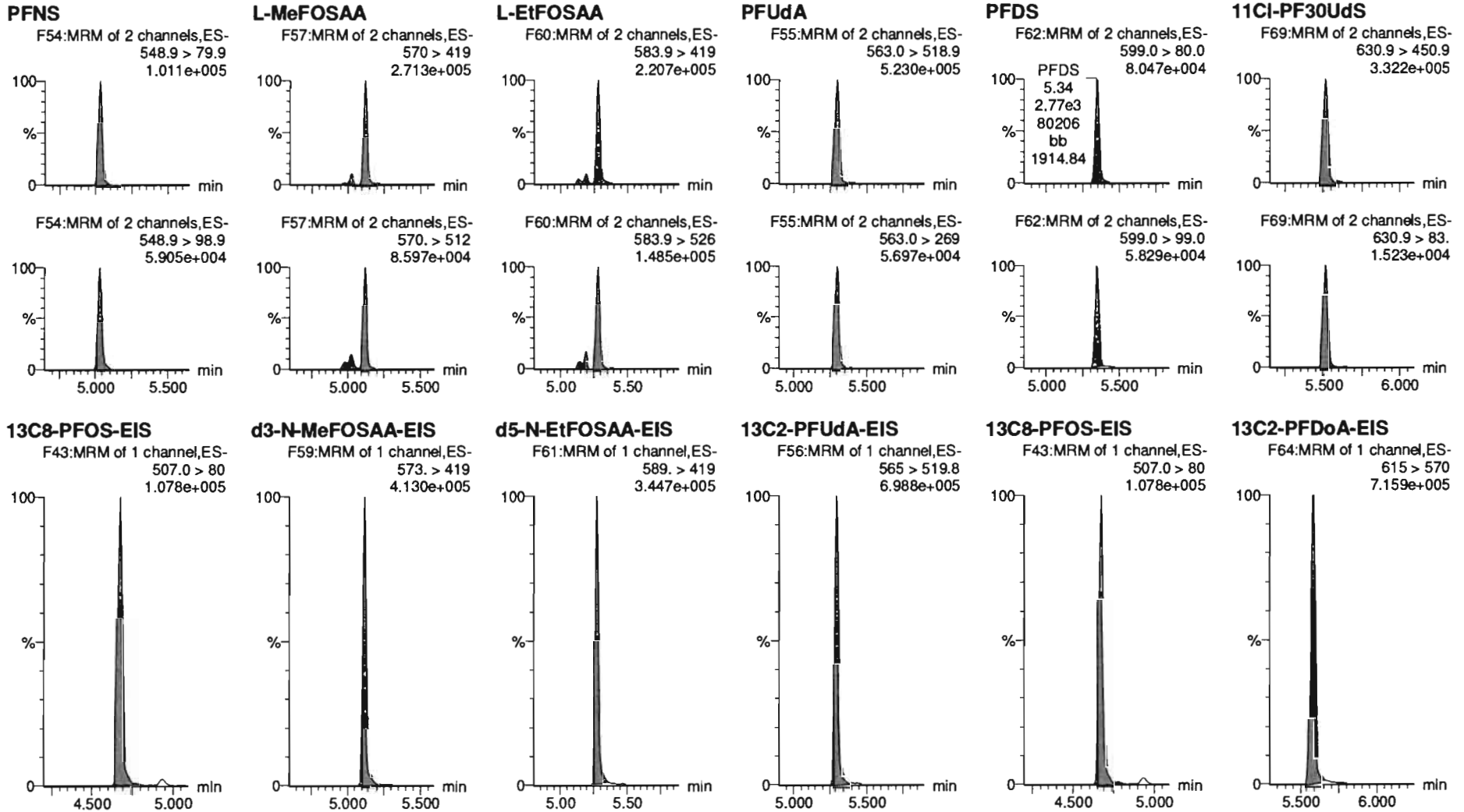
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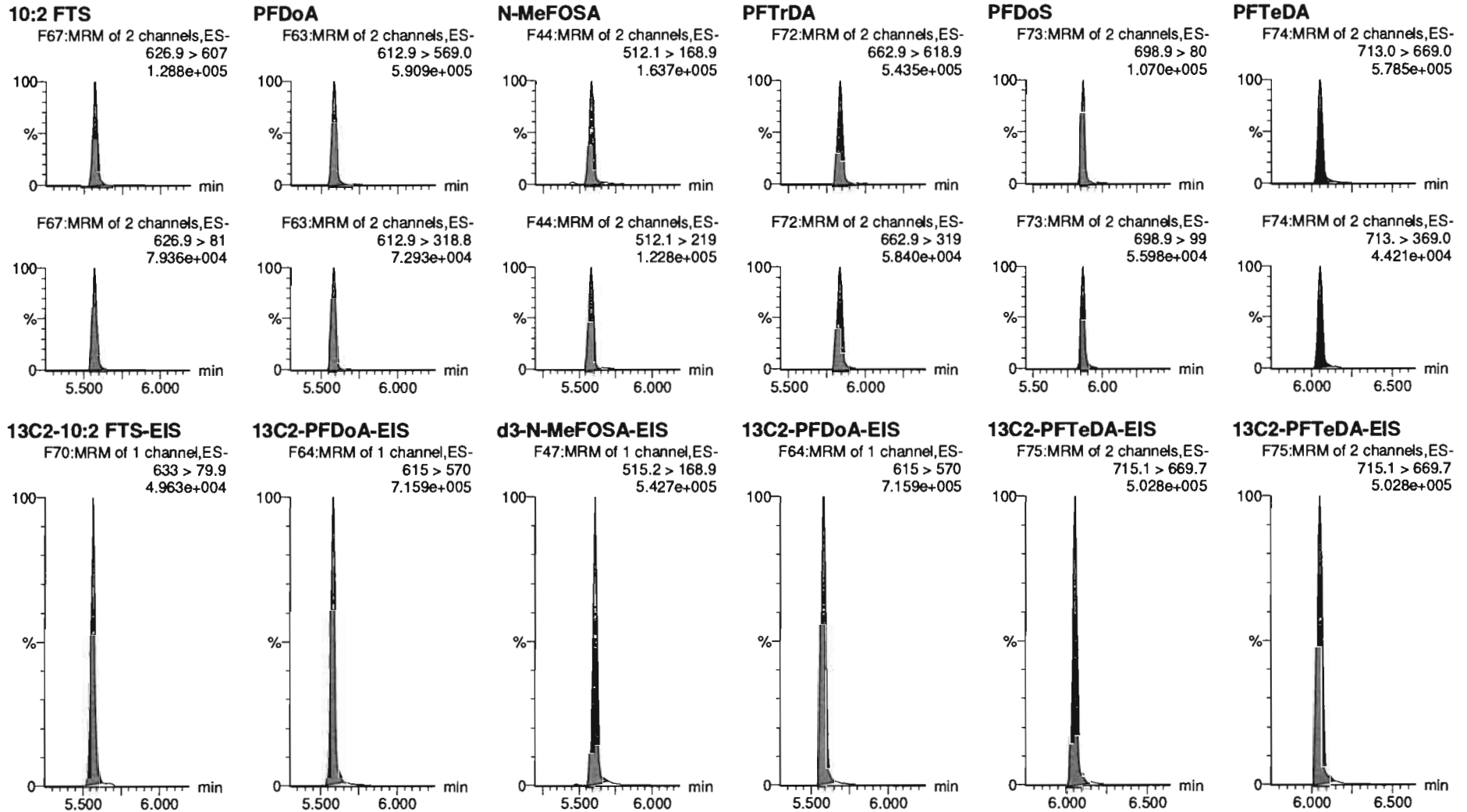


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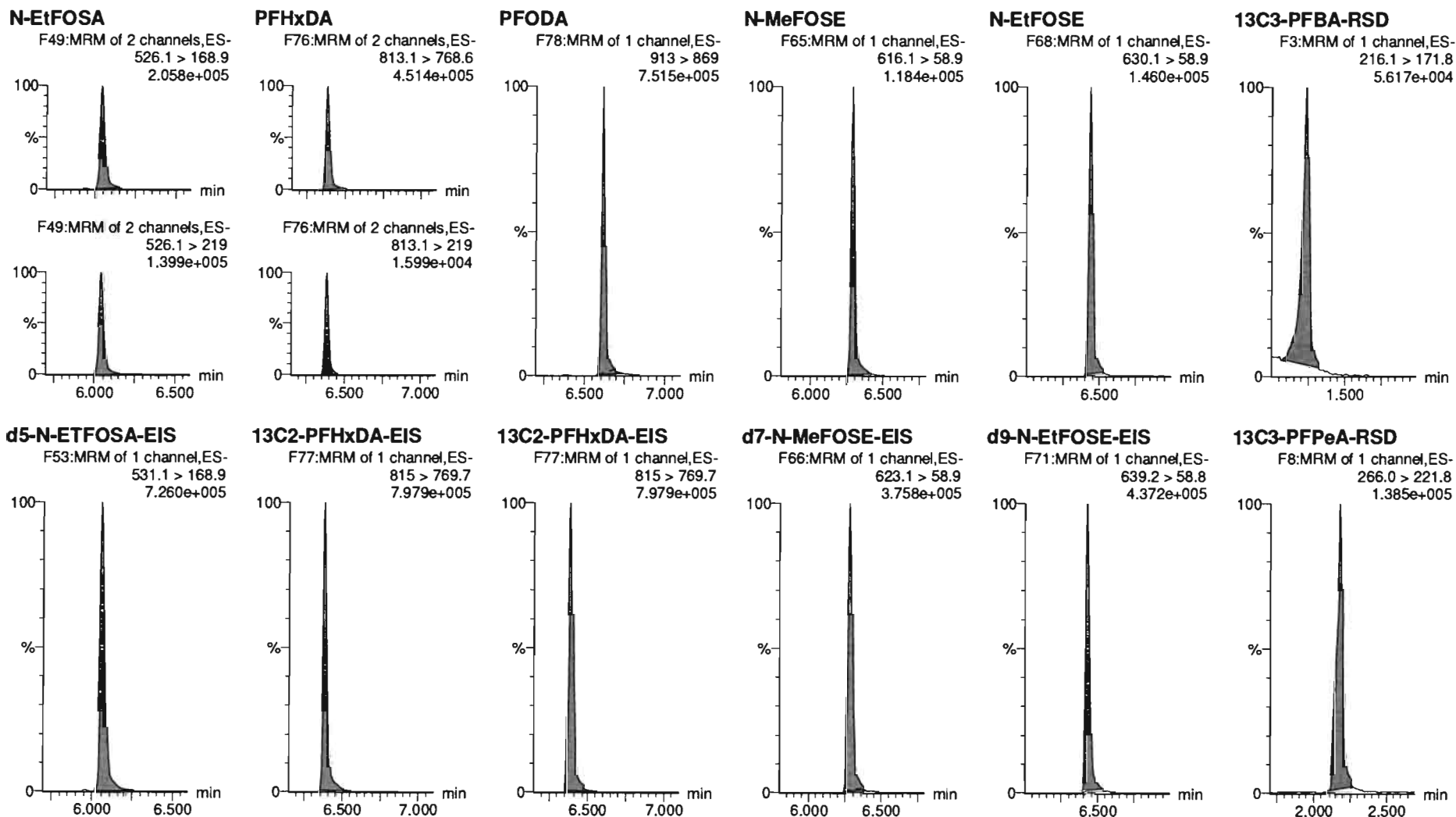


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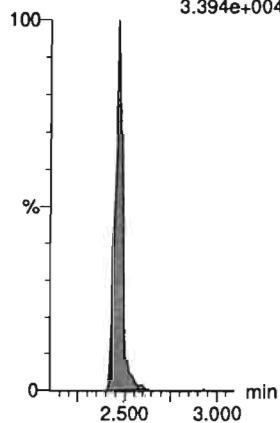
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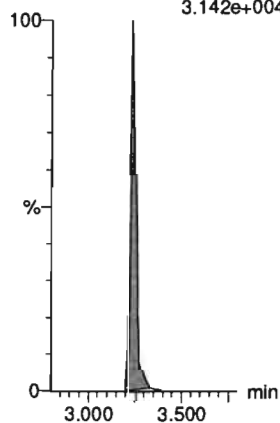
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.394e+004



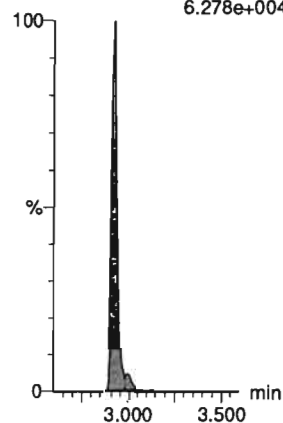
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.142e+004



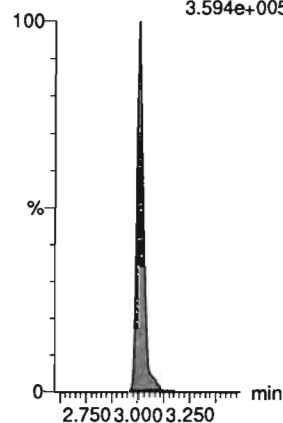
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.278e+004



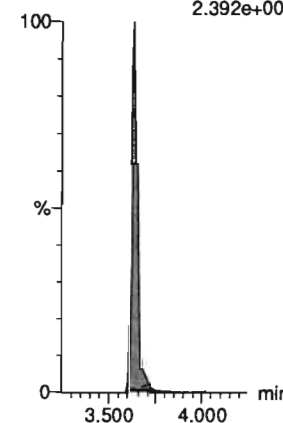
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.594e+005



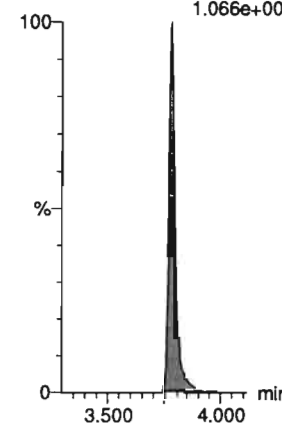
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.392e+005



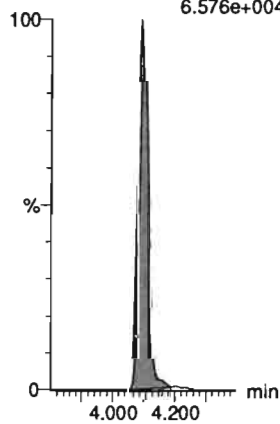
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.066e+005



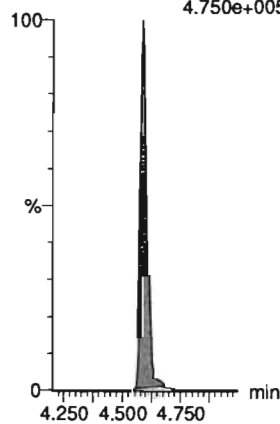
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
6.576e+004



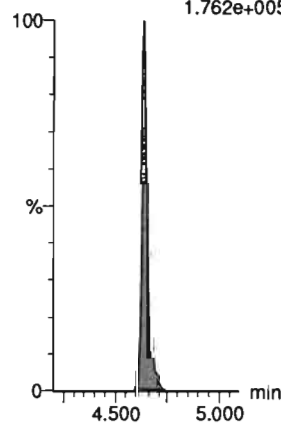
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.750e+005



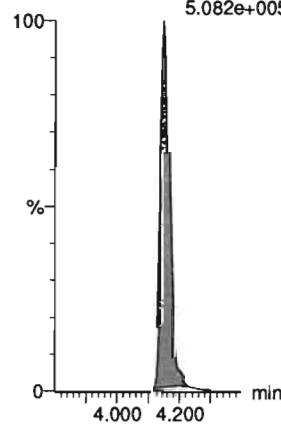
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.762e+005



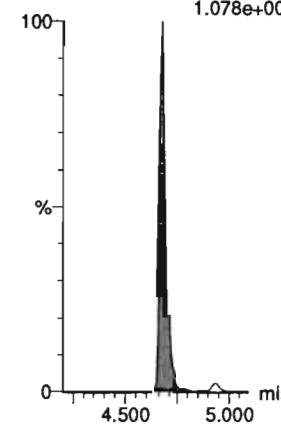
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.082e+005



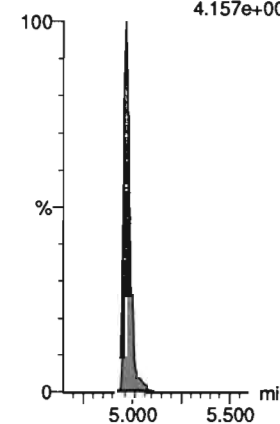
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.078e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.157e+005



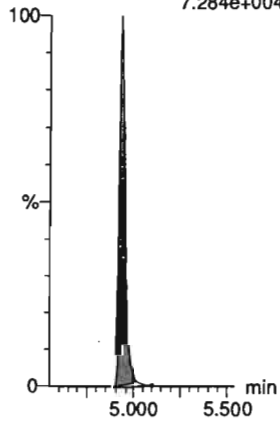
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Printed: Friday, July 17, 2020 10:35:02 Pacific Daylight Time

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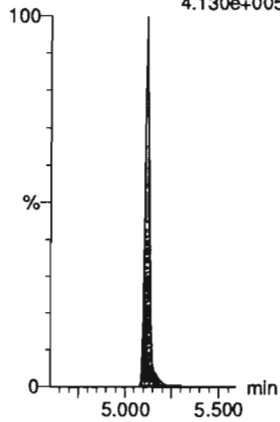
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
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7.284e+004



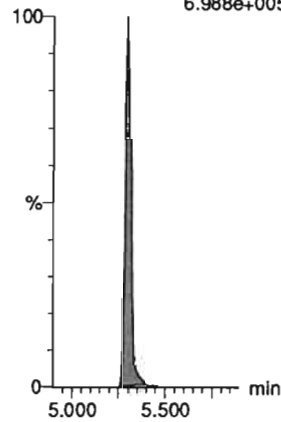
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.130e+005



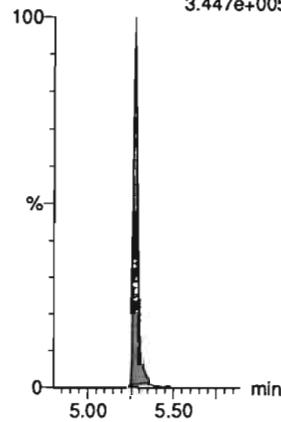
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.988e+005



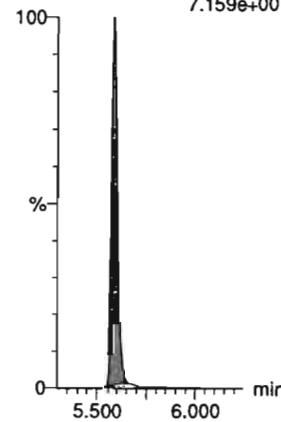
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.447e+005



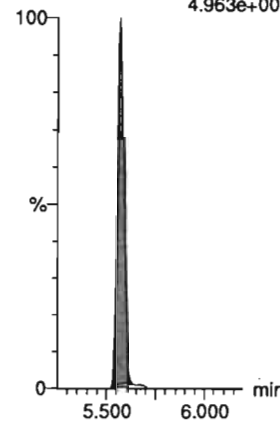
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
7.159e+005



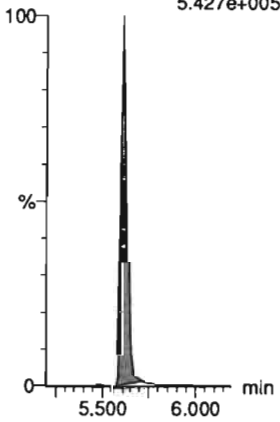
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.963e+004



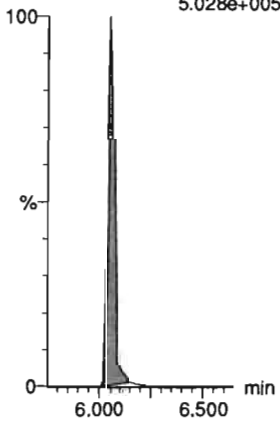
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.427e+005



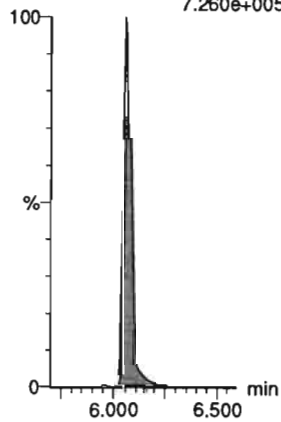
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.028e+005



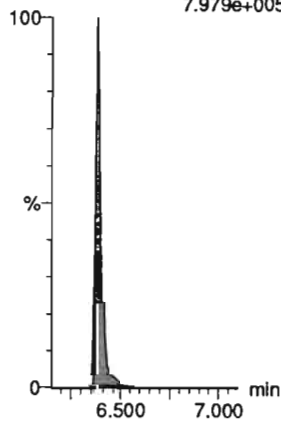
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.260e+005



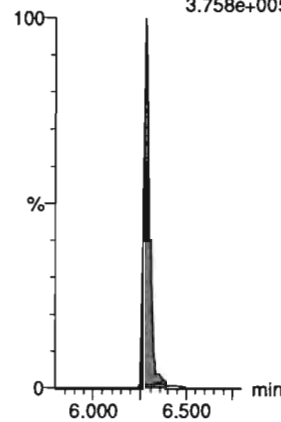
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.979e+005



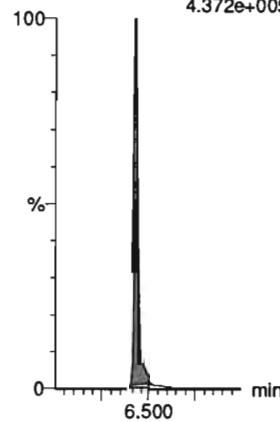
d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.758e+005



d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.372e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-27.qld

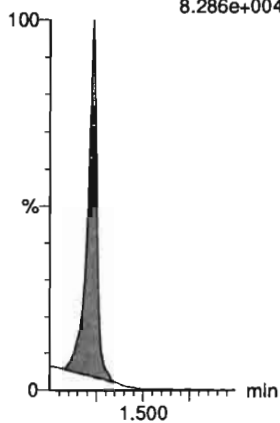
Last Altered: Friday, July 17, 2020 10:12:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:35:02 Pacific Daylight Time

Name: 200716M1_27, Date: 16-Jul-2020, Time: 19:47:09, ID: ST200716M1-11 PFC CS3 20F1906, Description: PFC CS3 20F1906

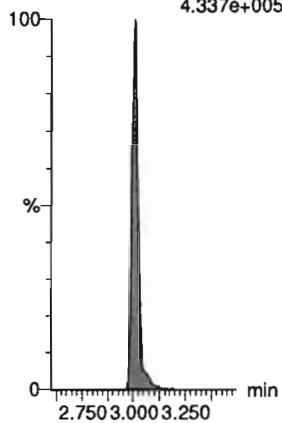
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
8.286e+004



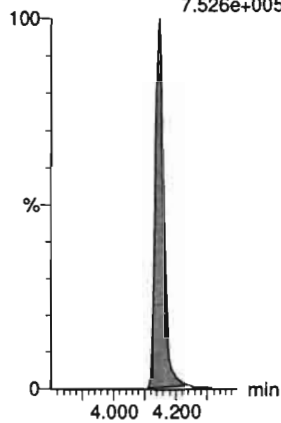
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.337e+005



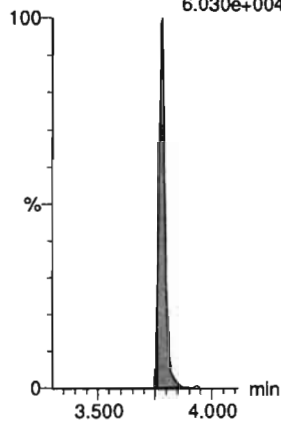
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.526e+005



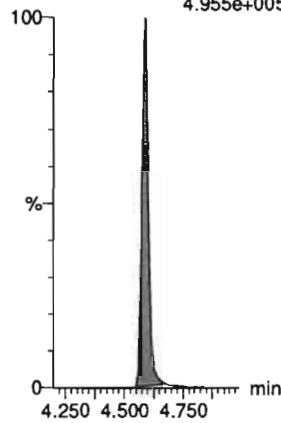
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
6.030e+004



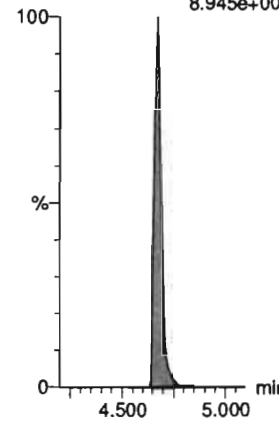
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
4.955e+005



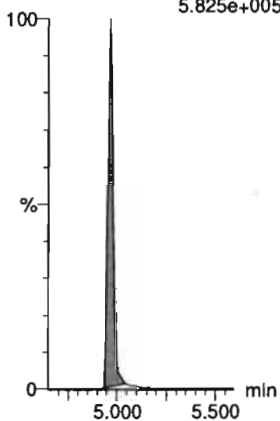
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
8.945e+004



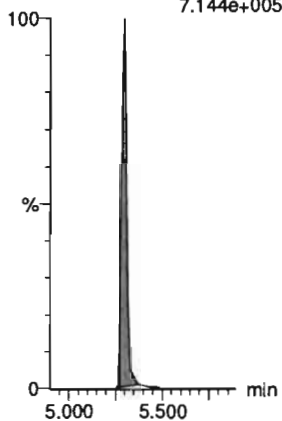
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.825e+005



13C7-PFUdA

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.144e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-51.qld

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✓ *OPV* *07/17/20*

Name: 200716M1_51, Date: 16-Jul-2020, Time: 23:56:52, ID: ST200716M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	3834.446	3429.292	1.00	1.22	13.977	10.000	9.97	99.7	NO		
2	2 PFPrS	248.9 > 79.9	1655.986	1633.306	1.00	1.55	12.674	10.000	8.53	85.3	NO	2.267	NO
3	3 3:3 FTCA	241.1 > 177.0	353.488	7446.342	1.00	2.04	0.593	10.000	8.22	82.2	NO	2.112	NO
4	4 PFPeA	263.1 > 218.9	5594.556	7446.342	1.00	2.18	9.391	10.000	9.92	99.2	NO		
5	5 PFBS	299.0 > 79.7	2650.330	1633.306	1.00	2.47	20.283	10.000	10.2	102.5	NO	2.607	NO
6	6 4:2 FTS	327.0 > 306.9	5276.291	2517.458	1.00	2.92	26.199	10.000	10.2	102.1	NO	1.832	NO
7	47 13C3-PFBA-EIS	216.1 > 171.8	3429.292		1.00	1.22	3429.292	12.500	12.3	98.8	NO		
8	51 13C3-PFBS-EIS	302.0 > 99	1633.306		1.00	2.47	1633.306	12.500	12.7	101.6	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8	7446.342		1.00	2.18	7446.342	12.500	12.2	97.3	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8	7446.342		1.00	2.18	7446.342	12.500	12.2	97.3	NO		
11	51 13C3-PFBS-EIS	302.0 > 99	1633.306		1.00	2.47	1633.306	12.500	12.7	101.6	NO		
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9	2517.458		1.00	2.92	2517.458	12.500	11.7	93.6	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0	12385.526	13757.234	1.00	3.01	11.254	10.000	10.5	104.6	NO	17.003	NO
15	8 PFPeS	349.0 > 80.0	2855.858	1633.306	1.00	3.22	21.856	10.000	9.86	98.6	NO	1.690	NO
16	9 HFPO-DA	285.1 > 168.9	873.944	1182.762	1.00	3.23	9.236	10.000	9.57	95.7	NO	2.085	NO
17	10 5:3 FTCA	340.9 > 236.9	2270.962	8333.580	1.00	3.57	3.406	10.000	10.1	100.6	NO	1.578	NO
18	11 PFHpA	363.0 > 318.9	8018.884	8333.580	1.00	3.63	12.028	10.000	9.69	96.9	NO	11.612	NO
19	12 ADONA	376.8 > 250.9	29789.709	8333.580	1.00	3.74	44.683	10.000	9.65	96.5	NO	3.533	NO
20	57 13C2-PFHxA-EIS	315.0 > 270.0	13757.234		1.00	3.01	13757.234	12.500	12.1	96.7	NO		
21	51 13C3-PFBS-EIS	302.0 > 99	1633.306		1.00	2.47	1633.306	12.500	12.7	101.6	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	1182.762		1.00	3.23	1182.762	12.500	12.8	102.6	NO		
23	59 13C4-PFHpA-EIS	367.2 > 321.8	8333.580		1.00	3.63	8333.580	12.500	12.0	96.3	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8	8333.580		1.00	3.63	8333.580	12.500	12.0	96.3	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8	8333.580		1.00	3.63	8333.580	12.500	12.0	96.3	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0	3234.326	3653.247	1.00	3.78	11.067	10.000	10.4	104.4	NO	1.759	NO
28	15 6:2 FTS	427 > 407.0	5372.052	2069.077	1.00	4.09	32.454	10.000	10.6	105.7	NO	2.156	NO
29	16 L-PFOA	412.8 > 368.9	19754.852	17845.172	1.00	4.15	13.838	10.000	9.50	95.0	NO	4.437	NO
30	18 PFecHS	460.8 > 381.0	5538.426	17845.172	1.00	4.16	3.879	10.000	8.84	88.4	NO	0.971	NO
31	19 PFHpS	448.9 > 80.0	3211.544	4079.136	1.00	4.26	9.841	10.000	10.9	109.3	NO	2.188	NO
32	20 7:3 FTCA	441.0 > 337.0	4220.892	15660.304	1.00	4.57	3.369	10.000	8.92	89.2	NO	1.467	NO
33	61 13C3-PFHxS-EIS	401.8 > 79.9	3653.247		1.00	3.78	3653.247	12.500	11.6	92.8	NO		
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9	2069.077		1.00	4.09	2069.077	12.500	10.2	81.7	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7	17845.172		1.00	4.15	17845.172	12.500	12.7	102.0	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7	17845.172		1.00	4.15	17845.172	12.500	12.7	102.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-51.qld

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Name: 200716M1_51, Date: 16-Jul-2020, Time: 23:56:52, ID: ST200716M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/Vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	4079.136		1.00	4.67	4079.136	12.500	11.8	94.4	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	15660.304		1.00	4.59	15660.304	12.500	12.2	97.3	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	15750.159	15660.304	1.00	4.59	12.572	10.000	9.96	99.6	NO	4.007	NO
41	22 PFOSA	498.0 > 78.0	4687.033	6843.604	1.00	4.64	8.561	10.000	9.24	92.4	NO	27.346	NO
42	23 L-PFOS	499 > 80	3491.962	4079.136	1.00	4.68	10.701	10.000	10.8	108.4	NO	1.999	NO
43	25 9Cl-PF30NS	531 > 351.0	12082.601	4079.136	1.00	4.90	37.026	10.000	10.7	107.0	NO	18.895	NO
44	26 PFDA	513 > 468.8	18594.977	13977.577	1.00	4.97	16.629	10.000	10.8	108.1	NO	5.437	NO
45	27 8:2 FTS	526.9 > 507.0	5254.468	2512.819	1.00	4.94	26.138	10.000	10.6	106.5	NO	1.699	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	15660.304		1.00	4.59	15660.304	12.500	12.2	97.3	NO		
47	67 13C8-PFOSA-EIS	506. > 78	6843.604		1.00	4.64	6843.604	12.500	12.8	102.6	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	4079.136		1.00	4.67	4079.136	12.500	11.8	94.4	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	4079.136		1.00	4.67	4079.136	12.500	11.8	94.4	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	13977.577		1.00	4.97	13977.577	12.500	11.5	91.7	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2512.819		1.00	4.94	2512.819	12.500	12.2	97.6	NO		
52	-1												
53	28 PFNS	548.9 > 79.9	3497.738	4079.136	1.00	5.03	10.718	10.000	10.2	101.9	NO	1.713	NO
54	29 L-MeFOSAA	570 > 419	9613.921	13345.288	1.00	5.12	9.005	10.000	10.1	101.1	NO	2.787	NO
55	31 L-EtFOSAA	583.9 > 419	8745.793	12297.148	1.00	5.28	8.890	10.000	9.91	99.1	NO	1.350	NO
56	33 PFUdA	563.0 > 518.9	16986.480	20316.299	1.00	5.30	10.451	10.000	11.1	111.1	NO	11.871	NO
57	34 PFDS	599.0 > 80.0	2915.425	4079.136	1.00	5.34	8.934	10.000	11.0	109.8	NO	1.373	NO
58	35 11Cl-PF30UdS	630.9 > 450.9	12055.080	24782.133	1.00	5.51	6.081	10.000	10.4	103.7	NO	24.892	NO
59	73 13C8-PFOS-EIS	507.0 > 80	4079.136		1.00	4.67	4079.136	12.500	11.8	94.4	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	13345.288		1.00	5.12	13345.288	12.500	12.1	97.0	NO		
61	83 d5-N-EtFOSAA-EIS	589. > 419	12297.148		1.00	5.27	12297.148	12.500	12.6	100.9	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	20316.299		1.00	5.30	20316.299	12.500	10.9	87.1	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	4079.136		1.00	4.67	4079.136	12.500	11.8	94.4	NO		
64	85 13C2-PFDoA-EIS	615 > 570	24782.133		1.00	5.59	24782.133	12.500	11.4	91.5	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	4346.450	1769.583	1.00	5.57	30.703	10.000	9.20	92.0	NO	1.561	NO
67	37 PFDoA	612.9 > 569.0	17451.201	24782.133	1.00	5.59	8.802	10.000	8.94	89.4	NO	7.079	NO
68	38 N-MeFOSA	512.1 > 168.9	6424.390	19473.330	1.00	5.58	49.222	50.000	52.7	105.4	NO	1.382	NO
69	39 PFTrDA	662.9 > 618.9	20060.266	24782.133	1.00	5.83	10.118	10.000	10.9	109.0	NO	9.038	NO
70	40 PFDoS	698.9 > 80	3631.453	18072.539	1.00	5.86	2.512	10.000	9.20	92.0	NO	1.795	NO
71	41 PFTeDA	713.0 > 669.0	20974.072	18072.539	1.00	6.05	14.507	10.000	9.84	98.4	NO	13.229	NO
72	87 13C2-10:2 FTS-EIS	633 > 79.9	1769.583		1.00	5.57	1769.583	12.500	11.3	90.5	NO		

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Name: 200716M1_51, Date: 16-Jul-2020, Time: 23:56:52, ID: ST200716M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFDoA-EIS	615 > 570	24782.133		1.00	5.59	24782.133	12.500	11.4	91.5	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	19473.330		1.00	5.61	19473.330	149.200	145	96.9	NO		
75	85 13C2-PFDoA-EIS	615 > 570	24782.133		1.00	5.59	24782.133	12.500	11.4	91.5	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	18072.539		1.00	6.05	18072.539	12.500	12.3	98.1	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	18072.539		1.00	6.05	18072.539	12.500	12.3	98.1	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	8175.100	27951.199	1.00	6.04	43.638	50.000	52.6	105.2	NO	1.520	NO
80	43 PFHxDA	813.1 > 768.6	15089.072	27982.213	1.00	6.38	6.740	10.000	9.91	99.1	NO	30.961	NO
81	44 PFOA	913 > 869	21392.344	27982.213	1.00	6.61	9.556	10.000	9.52	95.2	NO		
82	45 N-MeFOSE	616.1 > 58.9	4669.939	12938.384	1.00	6.29	53.852	50.000	56.6	113.2	NO		
83	46 N-EtFOSE	630.1 > 58.9	5392.404	14152.513	1.00	6.44	56.848	50.000	54.7	109.4	NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	3429.292	5110.192	1.00	1.22	8.388	12.500	12.1	96.9	NO		
85	93 d5-N-ETFOSA-EIS	531.1 > 168.9	27951.199		1.00	6.06	27951.199	149.200	149	100.1	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	27982.213		1.00	6.38	27982.213	12.500	13.1	104.4	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	27982.213		1.00	6.38	27982.213	12.500	13.1	104.4	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	12938.384		1.00	6.28	12938.384	149.200	144	96.3	NO		
89	99 d9-N-EtFOSE-EIS	639.2 > 58.8	14152.513		1.00	6.43	14152.513	149.200	147	98.5	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	7446.342	16029.904	1.00	2.18	5.807	12.500	12.1	97.2	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1632.817	2150.456	1.00	2.47	9.491	12.500	12.2	98.0	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	1182.762	16029.904	1.00	3.23	0.922	12.500	12.8	102.8	NO		
94	56 13C2-4:2 FTS-RSD	329.0 > 79.9	2533.867	2150.456	1.00	2.92	14.729	12.500	12.1	96.5	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	13757.234	16029.904	1.00	3.01	10.728	12.500	12.1	96.9	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	8333.580	16029.904	1.00	3.63	6.498	12.500	12.3	98.3	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	3653.247	2150.456	1.00	3.78	21.235	12.500	11.8	94.1	NO		
98	64 13C2-6:2 FTS-RSD	429.0 > 79.9	2071.865	4298.070	1.00	4.09	6.026	12.500	10.6	84.7	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	15660.304	18058.150	1.00	4.59	10.840	12.500	12.0	96.3	NO		
100	68 13C8-PFOSA-RSD	506. > 78	6847.311	26317.643	1.00	4.64	3.252	12.500	13.4	107.1	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	17845.172	24664.314	1.00	4.15	9.044	12.500	13.0	103.9	NO		
102	74 13C8-PFOS-RSD	507.0 > 80	4079.136	4298.070	1.00	4.67	11.863	12.500	11.6	92.7	NO		
103	76 13C2-PFDA-RSD	515.1 > 469.9	13977.577	19797.186	1.00	4.97	8.825	12.500	11.7	93.2	NO		
104	-1												
105	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2515.486	4298.070	1.00	4.94	7.316	12.500	11.6	92.9	NO		
106	80 d3-N-MeFOSAA-RSD	573. > 419	13345.288	26317.643	1.00	5.12	6.339	12.500	12.3	98.3	NO		
107	82 13C2-PFUDa-RSD	565 > 519.8	20316.299	26317.643	1.00	5.30	9.650	12.500	10.9	87.4	NO		
108	84 d5-N-EtFOSAA-RSD	589. > 419	12297.148	26317.643	1.00	5.27	5.841	12.500	12.9	103.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-51.qld

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Name: 200716M1_51, Date: 16-Jul-2020, Time: 23:56:52, ID: ST200716M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86 13C2-PFDoA-RSD	615 > 570	24649.764	19797.186	1.00	5.59	15.564	12.500	11.8	94.6	NO		
110	88 13C2-10:2 FTS-RSD	633 > 79.9	1769.599	4298.070	1.00	5.57	5.146	12.500	11.7	93.6	NO		
111	90 d3-N-MeFOSA-RSD	515.2 > 168.9	19584.383	26317.643	1.00	5.61	9.302	149.200	149	99.8	NO		
112	92 13C2-PFTeDA-RSD	715.1 > 669.7	18085.313	26317.643	1.00	6.05	8.590	12.500	12.4	98.9	NO		
113	94 d5-N-ETFOSA-RSD	531.1 > 168.9	27951.199	26317.643	1.00	6.06	13.276	149.200	151	101.3	NO		
114	96 13C2-PFHxDA-RSD	815 > 769.7	28008.477	26317.643	1.00	6.38	13.303	12.500	12.6	100.8	NO		
115	98 d7-N-MeFOSE-RSD	623.1 > 58.9	12946.940	26317.643	1.00	6.28	6.149	149.200	146	98.0	NO		
116	1... d9-N-EtFOSE-RSD	639.2 > 58.8	14156.682	26317.643	1.00	6.43	6.724	149.200	146	97.6	NO		
117	-1												
118	1... 13C4-PFBA	217.0 > 172.0	5110.192	5110.192	1.00	1.22	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9	16029.904	16029.904	1.00	3.01	12.500	12.500	12.5	100.0	NO		
120	1... 13C8-PFOA	420.9 > 376.0	24664.314	24664.314	1.00	4.15	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0	2150.456	2150.456	1.00	3.78	12.500	12.500	12.5	100.0	NO		
122	1... 13C9-PFNA	472.2 > 426.9	18058.150	18058.150	1.00	4.59	12.500	12.500	12.5	100.0	NO		
123	1... 13C4-PFOS	503 > 80.0	4298.070	4298.070	1.00	4.68	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7	19797.186	19797.186	1.00	4.97	12.500	12.500	12.5	100.0	NO		
125	1... 13C7-PFUdA	570.1 > 524.8	26317.643	26317.643	1.00	5.30	12.500	12.500	12.5	100.0	NO		

Dataset: Untitled

Last Altered: Friday, July 17, 2020 10:36:40 Pacific Daylight Time

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	200716M1_1	IPA	16-Jul-20	15:17:08
2	200716M1_2	IPA	16-Jul-20	15:27:33
3	200716M1_3	ST200716M1-1 PFC CS-2 20F1901	16-Jul-20	15:37:57
4	200716M1_4	ST200716M1-2 PFC CS-1 20F1902	16-Jul-20	15:48:23
5	200716M1_5	ST200716M1-3 PFC CS0 20F1903	16-Jul-20	15:58:48
6	200716M1_6	ST200716M1-4 PFC CS1 20F1904	16-Jul-20	16:09:12
7	200716M1_7	ST200716M1-5 PFC CS2 20F1905	16-Jul-20	16:19:37
8	200716M1_8	ST200716M1-6 PFC CS3 20F1906	16-Jul-20	16:29:59
9	200716M1_9	ST200716M1-7 PFC CS4 20F1907	16-Jul-20	16:40:22
10	200716M1_10	ST200716M1-8 PFC CS5 20F1908	16-Jul-20	16:50:44
11	200716M1_11	ST200716M1-9 PFC CS6 20F1909	16-Jul-20	17:01:06
12	200716M1_12	ST200716M1-10 PFC CS7 20F1910	16-Jul-20	17:11:28
13	200716M1_13	IB	16-Jul-20	17:21:51
14	200716M1_14	ICV200716M1-1 PFC ICV 20F1911	16-Jul-20	17:32:13
15	200716M1_15	IB	16-Jul-20	17:42:35
16	200716M1_16	2001348-15 AB-10 (4,5-5) 1.43	16-Jul-20	17:53:00
17	200716M1_17	2001348-16 AB-11 (0,5-1) 1.34	16-Jul-20	18:03:20
18	200716M1_18	2001348-17 AB-11 (3-3,5) 1.34	16-Jul-20	18:13:42
19	200716M1_19	2001348-18 AB-12 (0,5-1) 1.28	16-Jul-20	18:24:04
20	200716M1_20	2001348-19 AB-14 (0,5-1) 1.25	16-Jul-20	18:34:26
21	200716M1_21	2001348-20 AB-16 (0,5-1) 1.32	16-Jul-20	18:44:48
22	200716M1_22	2001348-21 AB-17 (0,5-1) 1.26	16-Jul-20	18:55:10
23	200716M1_23	2001348-22 AB-18 (0,5-1) 1.26	16-Jul-20	19:05:33
24	200716M1_24	2001348-23 AB-19 (0,5-1) 1.27	16-Jul-20	19:15:55
25	200716M1_25	2001348-24 AB-19 (3-3,5) 1.42	16-Jul-20	19:26:19
26	200716M1_26	IB	16-Jul-20	19:36:44
27	200716M1_27	ST200716M1-11 PFC CS3 20F1906	16-Jul-20	19:47:09
28	200716M1_28	IB	16-Jul-20	19:57:34
29	200716M1_29	B0F0250-BLK1 Method Blank 0.25	16-Jul-20	20:07:58
30	200716M1_30	B0F0250-BS1 OPR 0.25	16-Jul-20	20:18:23
31	200716M1_31	2001409-09 I003MW02D-20200701 0.25658	16-Jul-20	20:28:45
32	200716M1_32	IB	16-Jul-20	20:39:11

Dataset: Untitled

Last Altered: Friday, July 17, 2020 10:36:40 Pacific Daylight Time

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Compound name: PFBA

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34	34 200716M1_34	B0G0098-BLK1 Method Blank 0.125	16-Jul-20	20:59:55
35	35 200716M1_35	B0G0098-BS1 OPR 0.125	16-Jul-20	21:10:21
36	36 200716M1_36	2001453-01 GZ-2 0.11568	16-Jul-20	21:20:46
37	37 200716M1_37	2001453-02 MW-11 0.11484	16-Jul-20	21:31:11
38	38 200716M1_38	2001454-01 231 Baboosic Lake Rd 0.10912	16-Jul-20	21:41:36
39	39 200716M1_39	2001455-01 MW-3P 0.11235	16-Jul-20	21:52:01
40	40 200716M1_40	2001455-02 MW-4P 0.10875	16-Jul-20	22:02:26
41	41 200716M1_41	2001456-01 DPH #1 0.11172	16-Jul-20	22:12:52
42	42 200716M1_42	B0G0117-BLK1 Method Blank 0.01	16-Jul-20	22:23:17
43	43 200716M1_43	B0G0117-BS1 OPR 0.01	16-Jul-20	22:33:42
44	44 200716M1_44	B0G0117-BSD1 LCSD 0.01	16-Jul-20	22:44:06
45	45 200716M1_45	2001466-01 Milk Tank 0.01	16-Jul-20	22:54:30
46	46 200716M1_46	B0G0118-BLK1 Method Blank 0.25	16-Jul-20	23:04:55
47	47 200716M1_47	B0G0118-BS1 OPR 0.25	16-Jul-20	23:15:20
48	48 200716M1_48	2001467-01 Field Blank 0.25709	16-Jul-20	23:25:45
49	49 200716M1_49	2001467-02 Water Source 0.23027	16-Jul-20	23:36:08
50	50 200716M1_50	IB	16-Jul-20	23:46:30
51	51 200716M1_51	ST200716M1-12 PFC CS3 20F1906	16-Jul-20	23:56:52
52	52 200716M1_52	IB	17-Jul-20	00:07:14
53	53 200716M1_53	B0G0099-BLK1 Method Blank 0.125	17-Jul-20	00:17:37
54	54 200716M1_54	B0G0099-BS1 OPR 0.125	17-Jul-20	00:27:59
55	55 200716M1_55	2001457-01 Outfall-0.5h-1 0.10952	17-Jul-20	00:38:21
56	56 200716M1_56	2001457-02 Outfall-0.5h-2 0.11116	17-Jul-20	00:48:46
57	57 200716M1_57	2001457-03 Outfall-2h-1 0.11406	17-Jul-20	00:59:10
58	58 200716M1_58	2001457-04 Outfall-2h-2 0.11326	17-Jul-20	01:09:35
59	59 200716M1_59	2001457-05 Outfall-4h-1 0.11279	17-Jul-20	01:20:01
60	60 200716M1_60	2001457-06 Outfall-4h-2 0.11498	17-Jul-20	01:30:25
61	61 200716M1_61	2001457-07 Outfall-8h-1 0.11046	17-Jul-20	01:40:51
62	62 200716M1_62	2001457-08 Outfall-8h-2 0.11053	17-Jul-20	01:51:15
63	63 200716M1_63	2001457-09 AST-1 0.10956	17-Jul-20	02:01:40
64	64 200716M1_64	2001457-10 AST-2 0.11142	17-Jul-20	02:12:05
65	65 200716M1_65	IB	17-Jul-20	02:22:30
66	66 200716M1_66	ST200716M1-13 PFC CS3 20F1906	17-Jul-20	02:32:55
67	67 200716M1_67	IB	17-Jul-20	02:43:16

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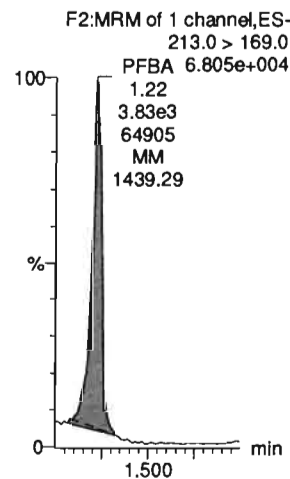
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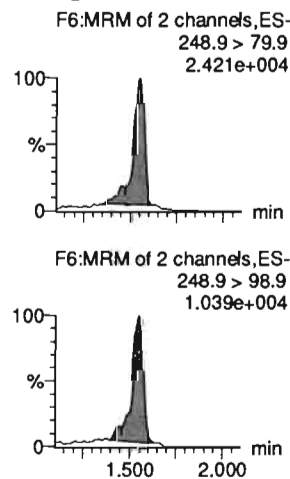
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Name: 200716M1_51, Date: 16-Jul-2020, Time: 23:56:52, ID: ST200716M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

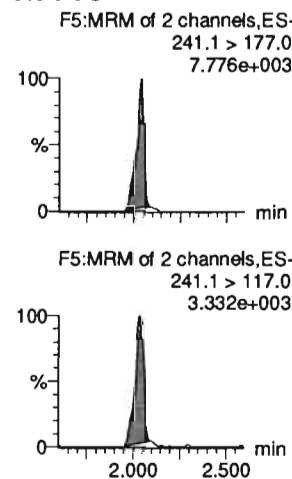
PFBA



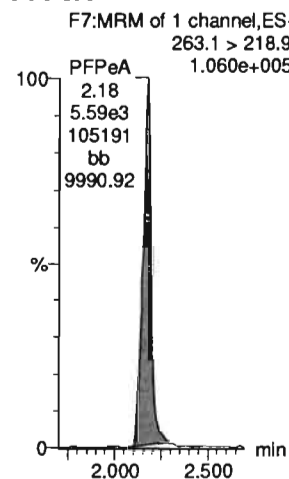
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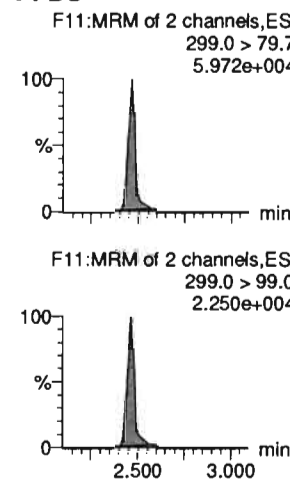
3:3 FTCA



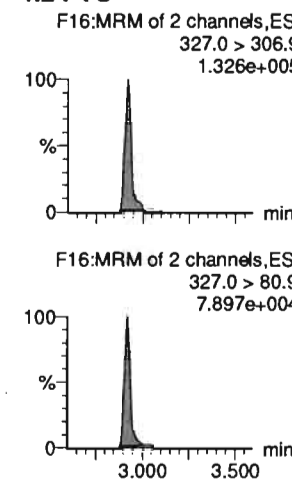
PFPeA



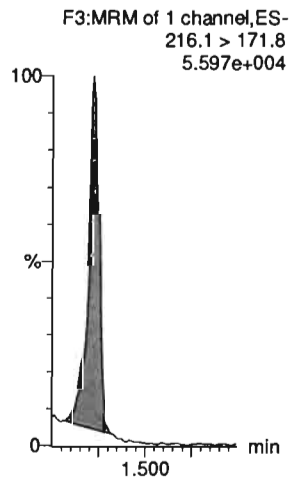
PFBS



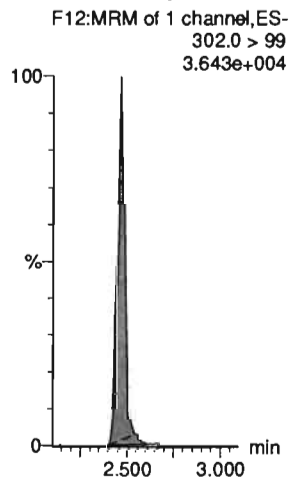
4:2 FTS



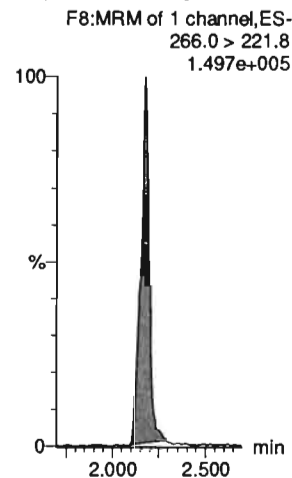
13C3-PFBA-EIS



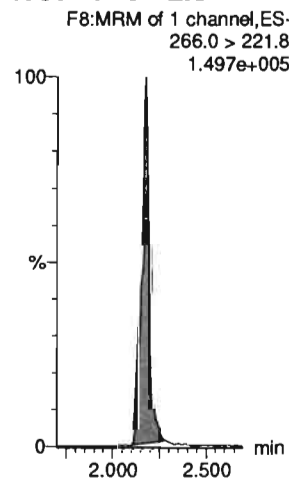
13C3-PFBS-EIS



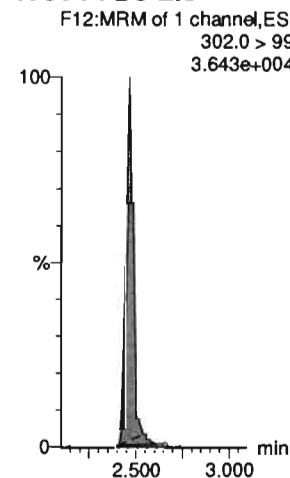
13C3-PFPeA-EIS



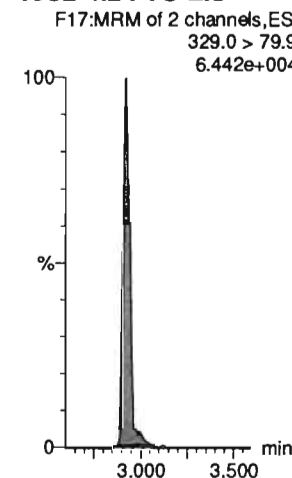
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

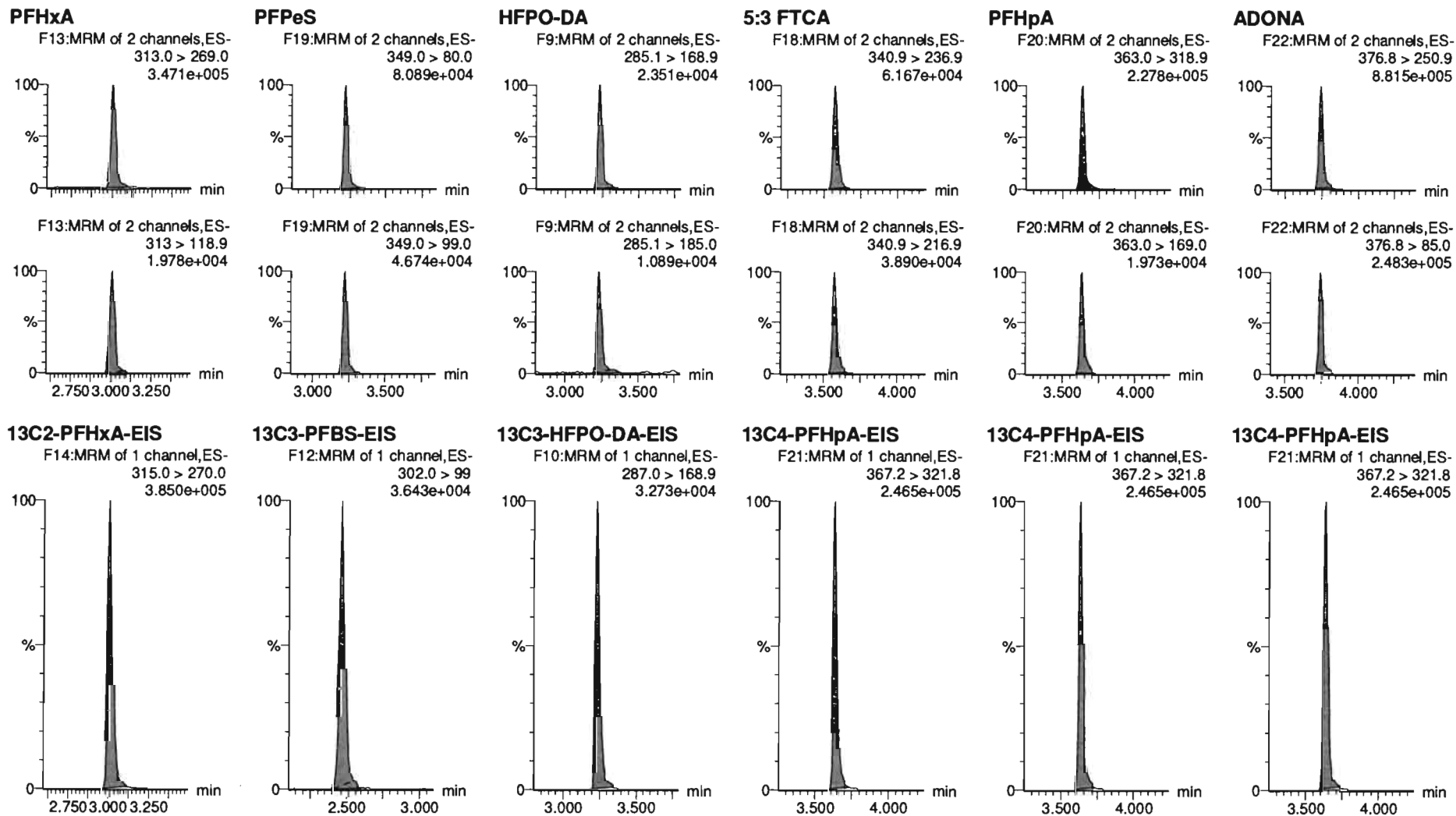


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Printed: Friday, July 17, 2020 10:33:49 Pacific Daylight Time

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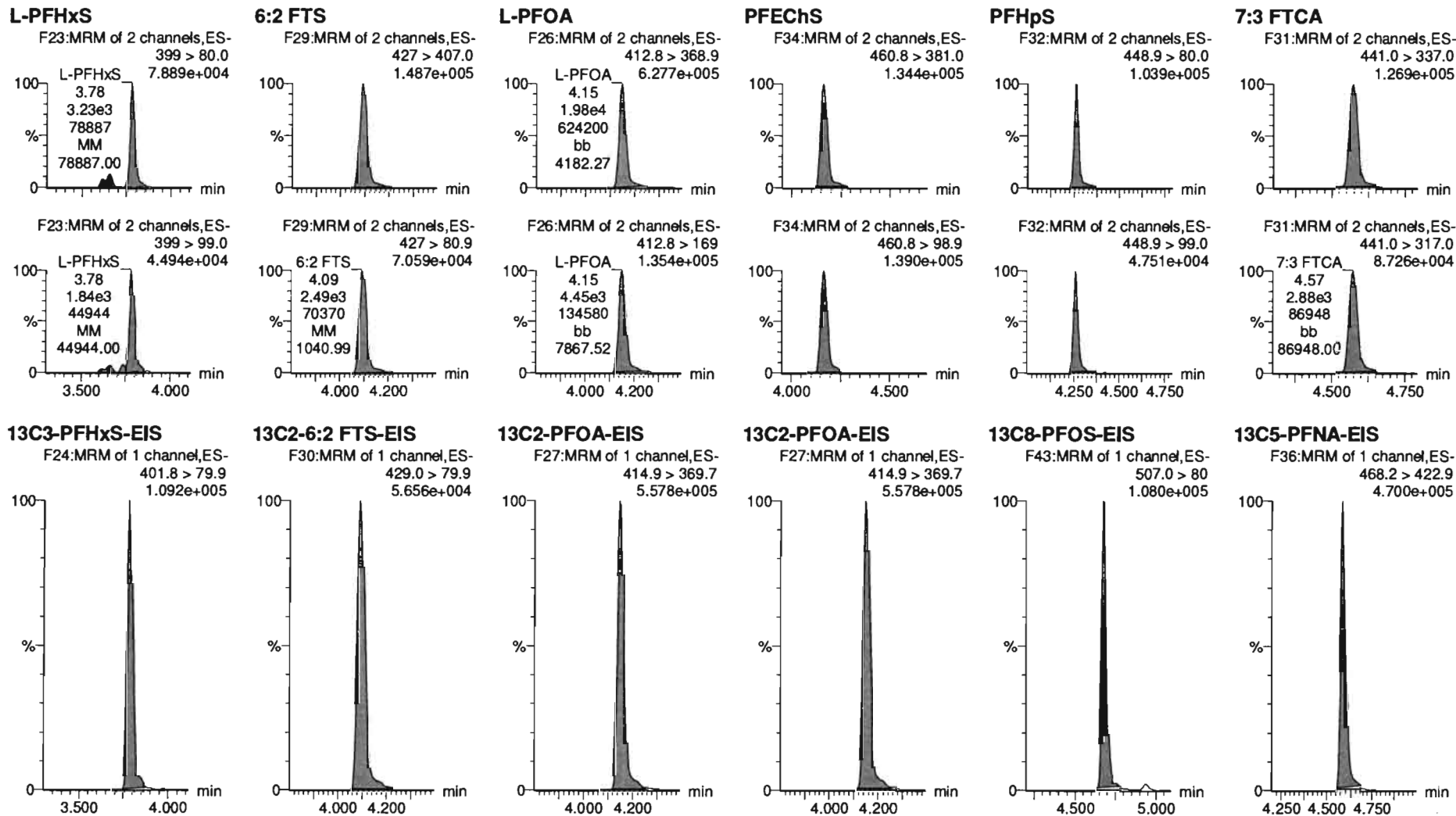


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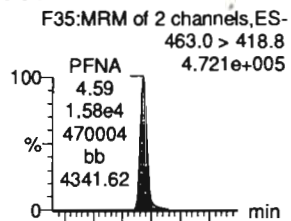
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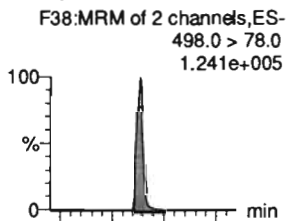
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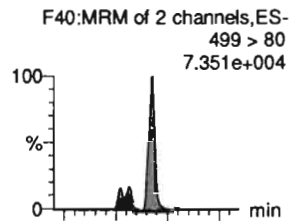
PFNA



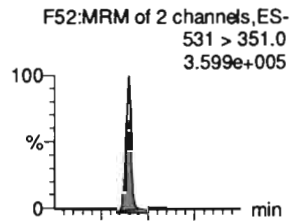
PFOSA



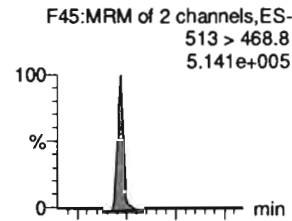
L-PFOS



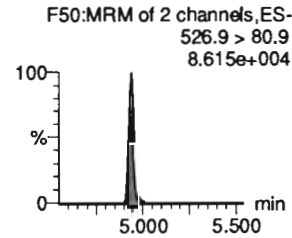
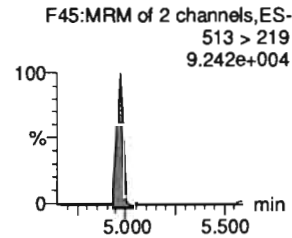
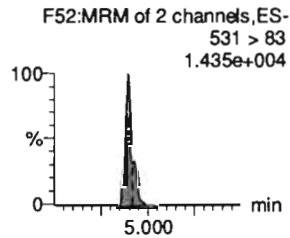
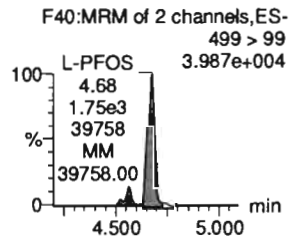
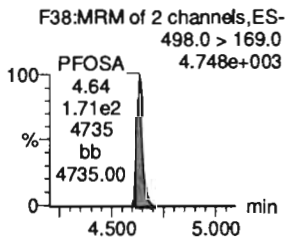
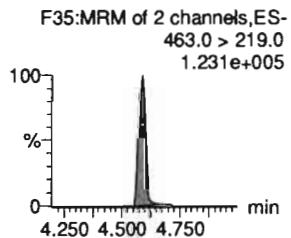
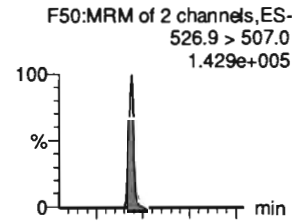
9CI-PF30NS



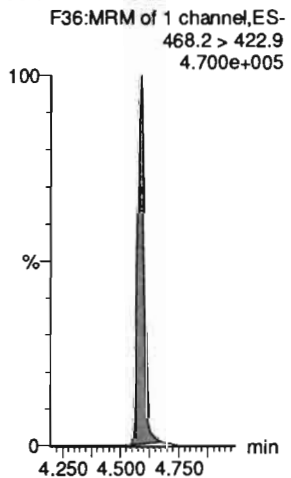
PFDA



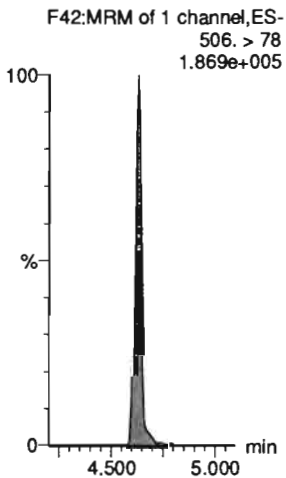
8:2 FTS



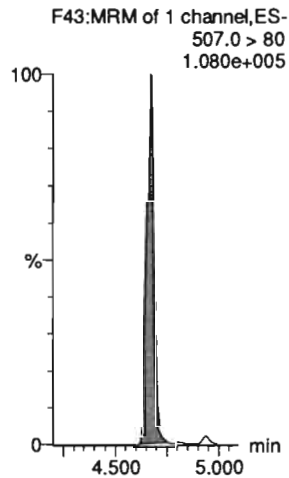
13C5-PFNA-EIS



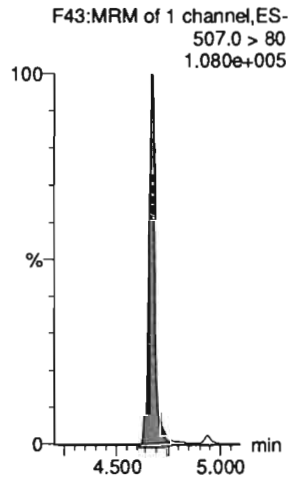
13C8-PFOSA-EIS



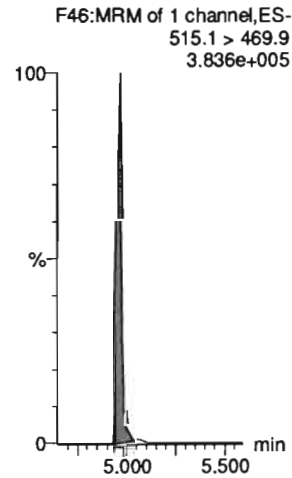
13C8-PFOS-EIS



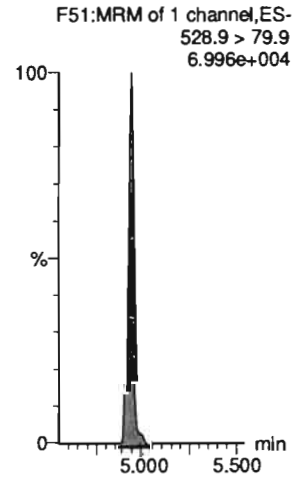
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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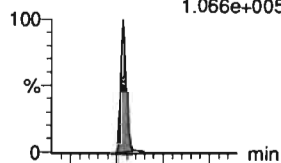
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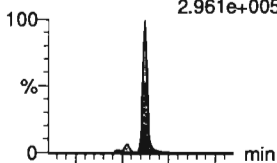
PFNS

F54:MRM of 2 channels,ES-
548.9 > 79.9
1.066e+005



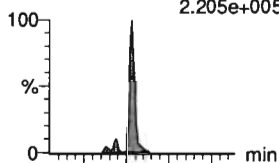
L-MeFOSAA

F57:MRM of 2 channels,ES-
570 > 419
2.961e+005



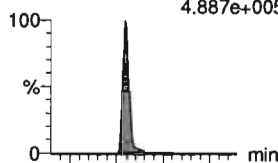
L-EtFOSAA

F60:MRM of 2 channels,ES-
583.9 > 419
2.205e+005



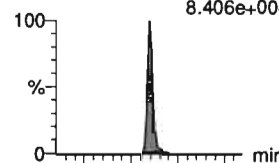
PFUdA

F55:MRM of 2 channels,ES-
563.0 > 518.9
4.887e+005



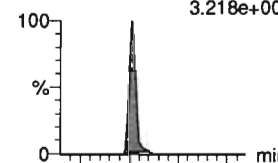
PFDS

F62:MRM of 2 channels,ES-
599.0 > 80.0
8.406e+004

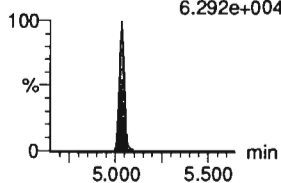


11CI-PF30UdS

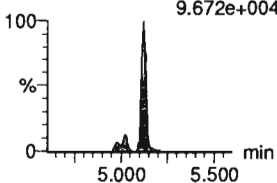
F69:MRM of 2 channels,ES-
630.9 > 450.9
3.218e+005



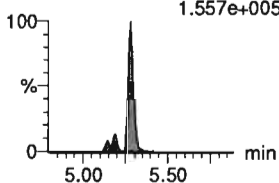
F54:MRM of 2 channels,ES-
548.9 > 98.9
6.292e+004



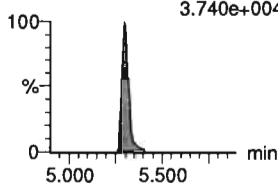
F57:MRM of 2 channels,ES-
570 > 512
9.672e+004



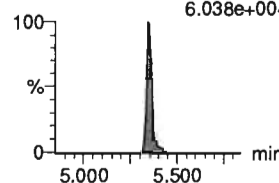
F60:MRM of 2 channels,ES-
583.9 > 526
1.557e+005



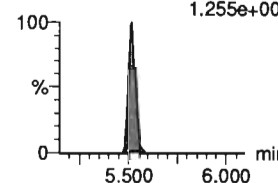
F55:MRM of 2 channels,ES-
563.0 > 269
3.740e+004



F62:MRM of 2 channels,ES-
599.0 > 99.0
6.038e+004

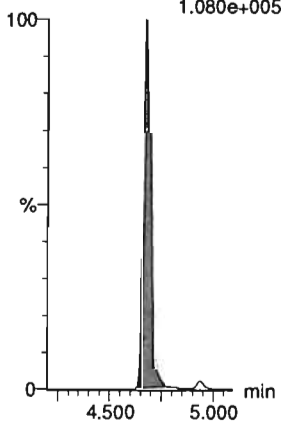


F69:MRM of 2 channels,ES-
630.9 > 83.
1.255e+004



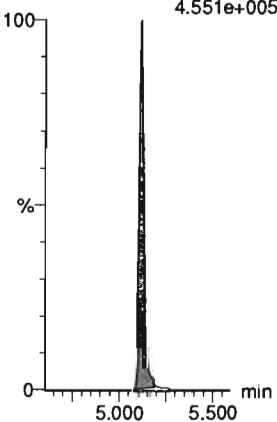
13C8-PFOS-EIS

F43:MRM of 1 channel,ES-
507.0 > 80
1.080e+005



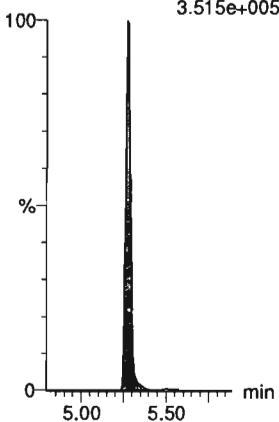
d3-N-MeFOSAA-EIS

F59:MRM of 1 channel,ES-
573. > 419
4.551e+005



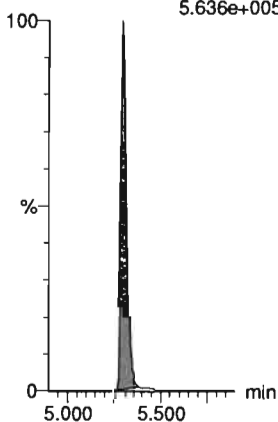
d5-N-EtFOSAA-EIS

F61:MRM of 1 channel,ES-
589. > 419
3.515e+005



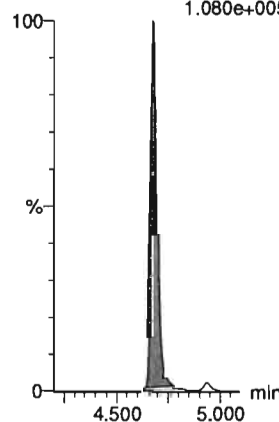
13C2-PFUdA-EIS

F56:MRM of 1 channel,ES-
565 > 519.8
5.636e+005



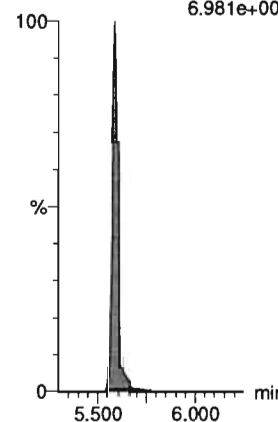
13C8-PFOS-EIS

F43:MRM of 1 channel,ES-
507.0 > 80
1.080e+005



13C2-PFDoA-EIS

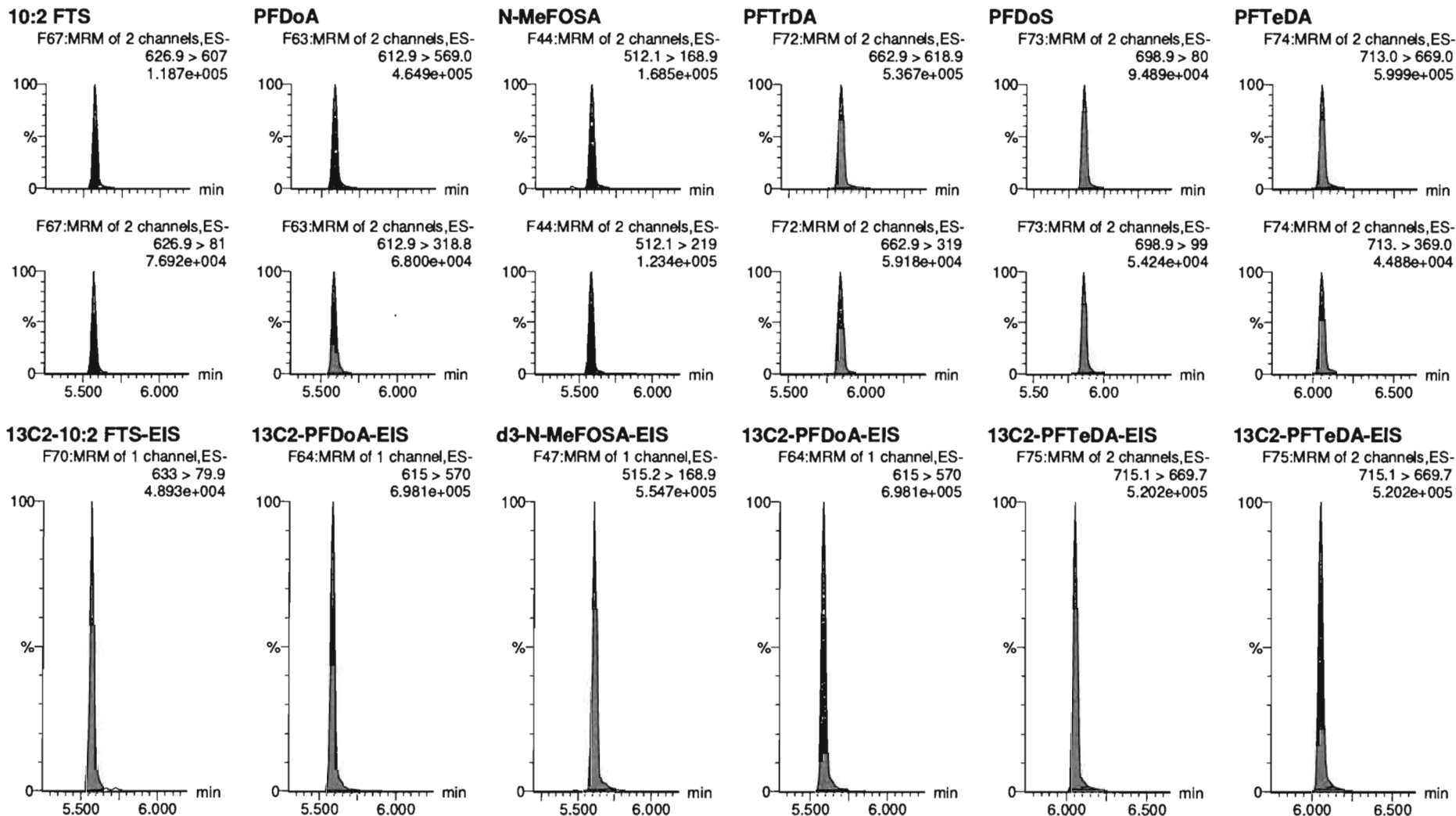
F64:MRM of 1 channel,ES-
615 > 570
6.981e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-51.qld

Last Altered: Friday, July 17, 2020 10:23:10 Pacific Daylight Time
Printed: Friday, July 17, 2020 10:33:49 Pacific Daylight Time

Name: 200716M1_51, Date: 16-Jul-2020, Time: 23:56:52, ID: ST200716M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

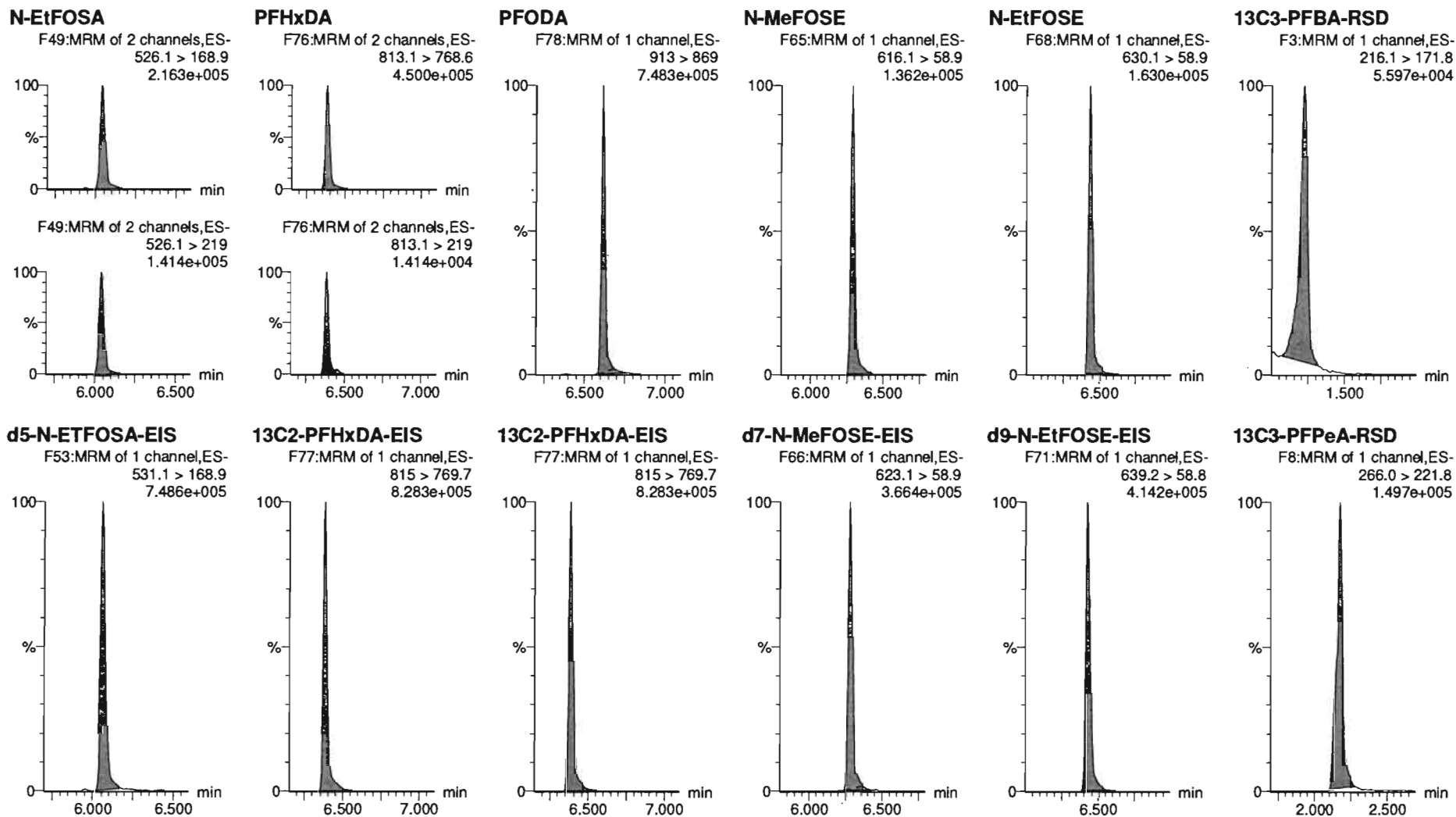


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-51.qld

Last Altered: Friday, July 17, 2020 10:23:10 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:33:49 Pacific Daylight Time

Name: 200716M1_51, Date: 16-Jul-2020, Time: 23:56:52, ID: ST200716M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906



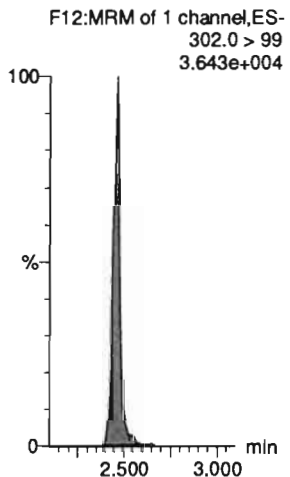
Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-51.qld

Last Altered: Friday, July 17, 2020 10:23:10 Pacific Daylight Time

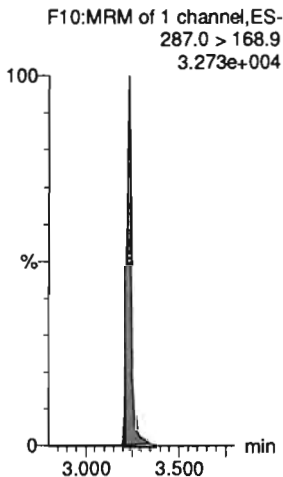
Printed: Friday, July 17, 2020 10:33:49 Pacific Daylight Time

Name: 200716M1_51, Date: 16-Jul-2020, Time: 23:56:52, ID: ST200716M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

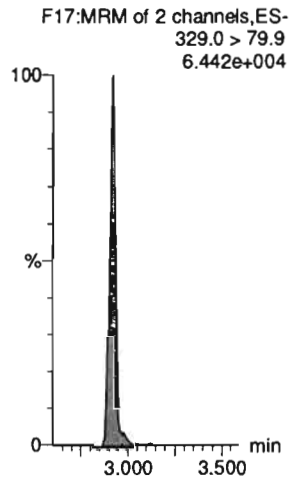
13C3-PFBS-RSD



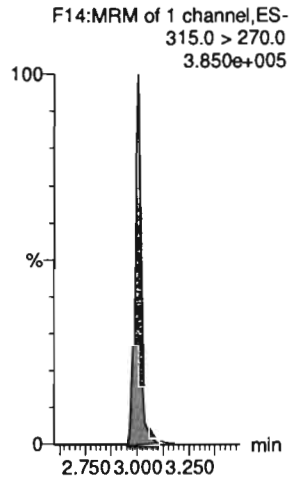
13C3-HFPO-DA-RSD



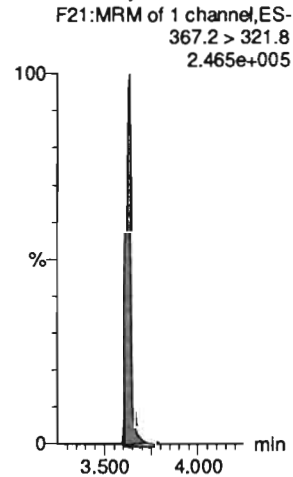
13C2-4:2 FTS-RSD



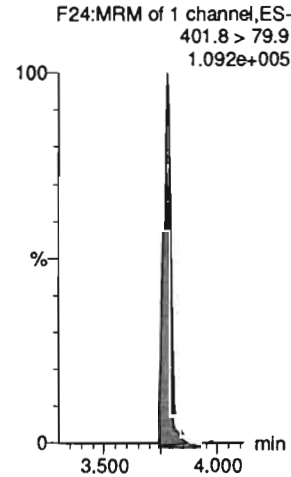
13C2-PFHxA-RSD



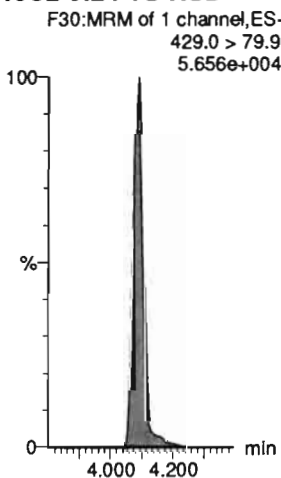
13C4-PFHpA-RSD



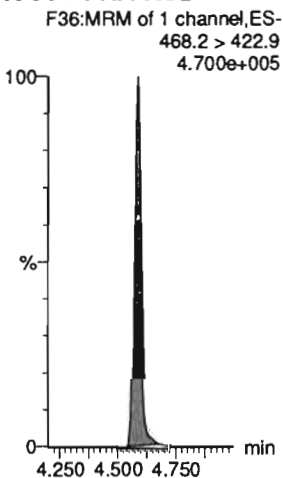
13C3-PFHxS-RSD



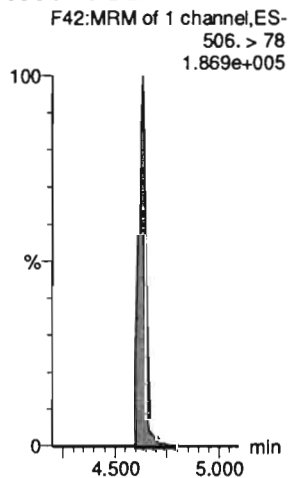
13C2-6:2 FTS-RSD



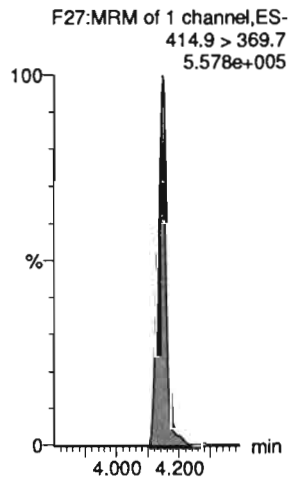
13C5-PFNA-RSD



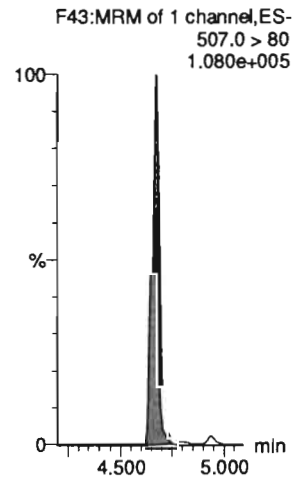
13C8-PFOA-RSD



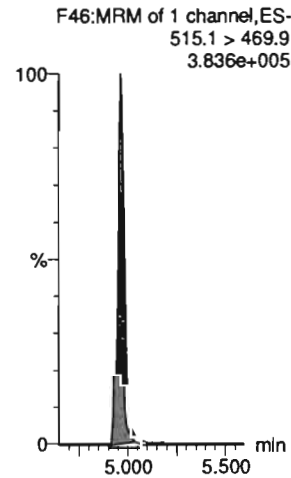
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-51.qld

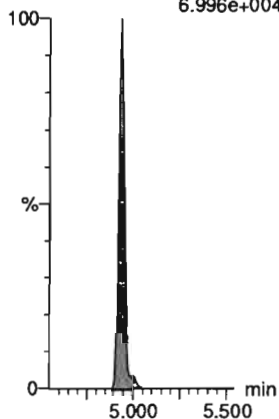
Last Altered: Friday, July 17, 2020 10:23:10 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:33:49 Pacific Daylight Time

Name: 200716M1_51, Date: 16-Jul-2020, Time: 23:56:52, ID: ST200716M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

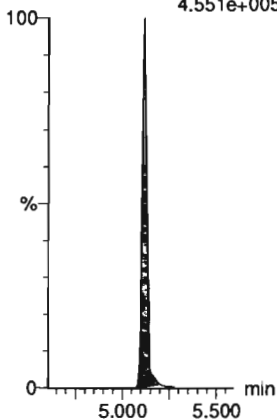
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.996e+004



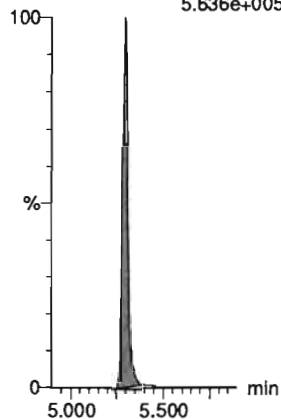
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.551e+005



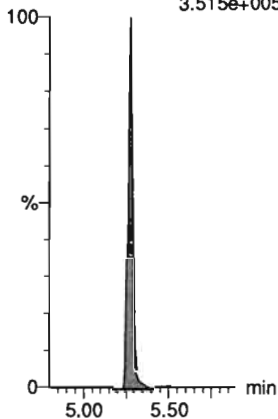
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
5.636e+005



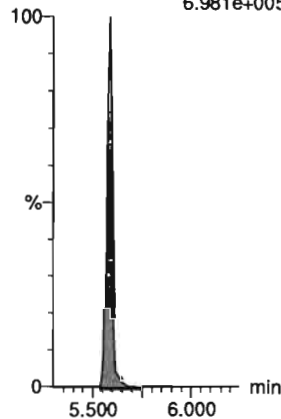
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.515e+005



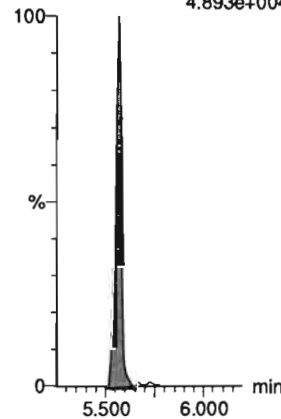
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
6.981e+005



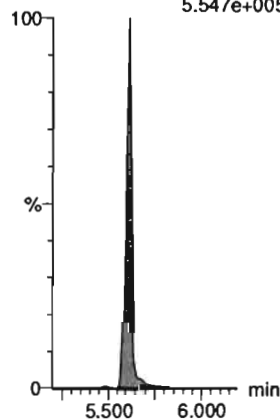
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.893e+004



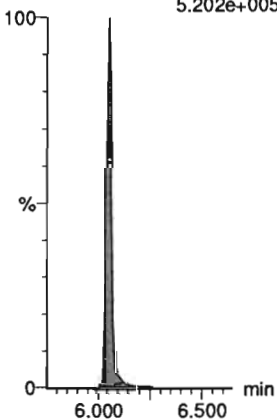
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.547e+005



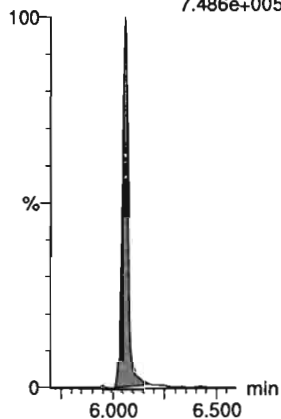
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.202e+005



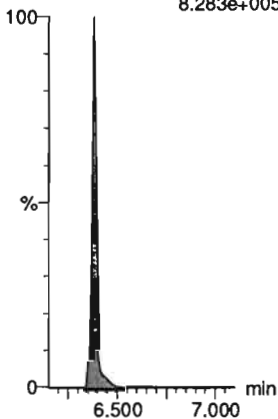
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.486e+005



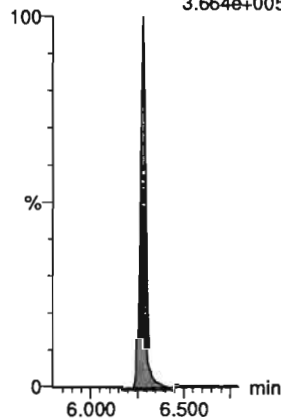
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.283e+005



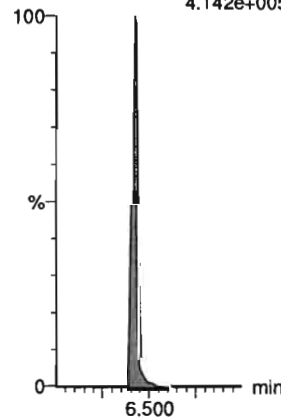
d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.664e+005



d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.142e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-51.qld

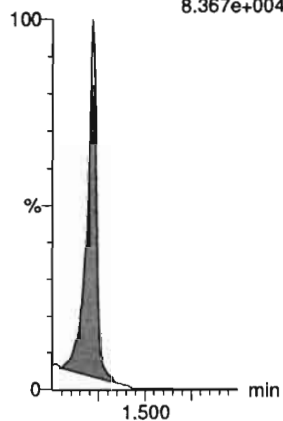
Last Altered: Friday, July 17, 2020 10:23:10 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:33:49 Pacific Daylight Time

Name: 200716M1_51, Date: 16-Jul-2020, Time: 23:56:52, ID: ST200716M1-12 PFC CS3 20F1906, Description: PFC CS3 20F1906

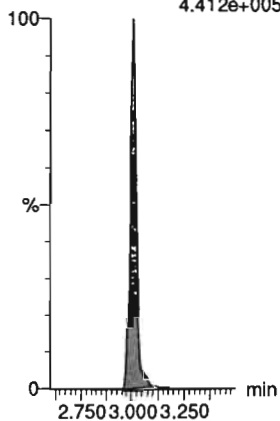
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
8.367e+004



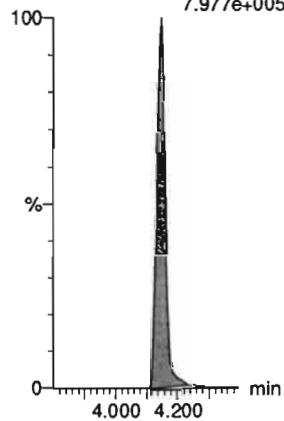
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.412e+005



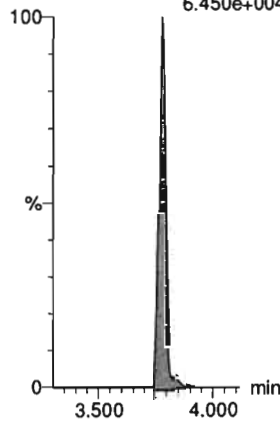
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.977e+005



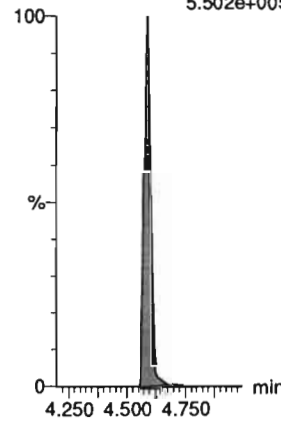
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
6.450e+004



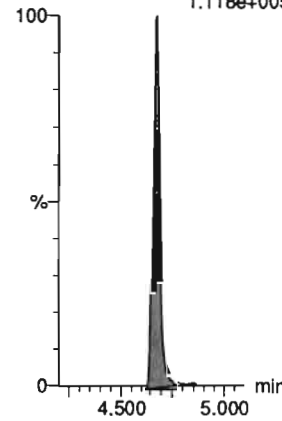
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
5.502e+005



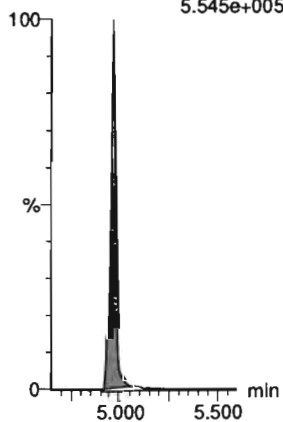
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.118e+005



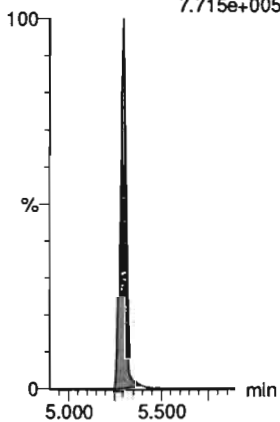
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.545e+005



13C7-PFUdA

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.715e+005



INITIAL CALIBRATION (ICAL)
INCLUDING ASSOCIATED
INITIAL CALIBRATION VERIFICATION (ICV) AND INSTRUMENT BLANK (IB)

Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:42:35 Pacific Daylight Time
 Printed: Wednesday, July 15, 2020 10:44:13 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 15 Jul 2020 09:41:38
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

✓ am 7/15/2020

Compound name: PFBA

Coefficient of Determination: R² = 0.999705
 Calibration curve: -0.000111958 * x² + 1.41935 * x + -0.0495168
 Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	IS Conc.	IS Area	IS Response	IS Conc. Flag
1	200714M1_3	Standard	0.250	1.30	136.182	5205.756	0.327	0.3	6.1	NO	1.000			MM
2	200714M1_4	Standard	0.500	1.29	278.863	5531.135	0.630	0.5	-4.2	NO	1.000			MM
3	200714M1_5	Standard	1.000	1.28	550.217	5182.185	1.327	1.0	-3.0	NO	1.000			MM
4	200714M1_6	Standard	2.000	1.30	1139.073	5166.975	2.756	2.0	-1.2	NO	1.000			MM
5	200714M1_7	Standard	5.000	1.28	3200.482	5677.718	7.046	5.0	0.0	NO	1.000			MM
6	200714M1_8	Standard	10.000	1.28	6259.708	5554.837	14.086	10.0	-0.3	NO	1.000			MM
7	200714M1_9	Standard	50.000	1.28	28888.898	5034.837	71.723	50.8	1.5	NO	1.000			MM
8	200714M1_10	Standard	100.000	1.28	60651.742	5230.322	144.952	103.0	3.0	NO	1.000			MM
9	200714M1_11	Standard	250.000	1.28	149407.688	5502.728	339.395	243.8	-2.5	NO	1.000			MM
10	200714M1_12	Standard	500.000	1.27	281852.594	5144.136	684.888	502.5	0.5	NO	1.000			MM

Compound name: PFPoS

Coefficient of Determination: R² = 0.999386
 Calibration curve: -1.40269e-005 * x² + 1.71456 * x + -0.0891451
 Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	IS Conc.	IS Area	IS Response	IS Conc. Flag
1	200714M1_3	Standard	0.250	1.63	45.538	1619.785	0.351	0.3	2.8	NO	0.999			MM
2	200714M1_4	Standard	0.500	1.63	95.357	1542.003	0.773	0.5	0.6	NO	0.999			bb
3	200714M1_5	Standard	1.000	1.62	195.505	1572.677	1.554	1.0	-4.2	NO	0.999			MM
4	200714M1_6	Standard	2.000	1.62	411.547	1540.725	3.339	2.0	-0.0	NO	0.999			MM
5	200714M1_7	Standard	5.000	1.62	1066.641	1661.736	8.024	4.7	-5.4	NO	0.999			MM
6	200714M1_8	Standard	10.000	1.62	2309.712	1641.052	17.593	10.3	3.1	NO	0.999			MM
7	200714M1_9	Standard	50.000	1.62	10713.865	1545.745	86.640	50.6	1.2	NO	0.999			MM
8	200714M1_10	Standard	100.000	1.62	22358.043	1560.274	179.120	104.6	4.6	NO	0.999			MM
9	200714M1_11	Standard	250.000	1.61	51455.465	1556.813	413.147	241.5	-3.4	NO	0.999			MM
10	200714M1_12	Standard	500.000	1.61	98340.914	1430.605	859.260	503.3	0.7	NO	0.999			bb

Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:42:35 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:44:13 Pacific Daylight Time

Compound name: 3:3 FTCA

Coefficient of Determination: R² = 0.998491

Calibration curve: $-5.97883e-005 * x^2 + 0.0675419 * x + -0.00500428$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Comp. Flag	CoD	CoD Flag	Revised
1	200714M1_3	Standard	0.250	2.10	9.085	7533.483	0.015	0.3	18.9	NO	0.998	NO	MM
2	200714M1_4	Standard	0.500	2.10	18.920	7467.684	0.032	0.5	8.6	NO	0.998	NO	bb
3	200714M1_5	Standard	1.000	2.09	34.607	7232.226	0.060	1.0	-4.0	NO	0.998	NO	bb
4	200714M1_6	Standard	2.000	2.10	65.322	7496.248	0.109	1.7	-15.5	NO	0.998	NO	bb
5	200714M1_7	Standard	5.000	2.09	202.332	8073.678	0.313	4.7	-5.4	NO	0.998	NO	MM
6	200714M1_8	Standard	10.000	2.09	371.499	7447.868	0.623	9.4	-6.2	NO	0.998	NO	bb
7	200714M1_9	Standard	50.000	2.09	1936.645	7195.139	3.365	52.3	4.6	NO	0.998	NO	MM
8	200714M1_10	Standard	100.000	2.09	3533.632	7257.970	6.086	98.8	-1.2	NO	0.998	NO	MM
9	200714M1_11	Standard	250.000	2.09	1998.659	7519.482	3.322	51.6	-79.4	YES	0.998	NO	bbX
10	200714M1_12	Standard	500.000	2.08	3649.086	6873.220	6.636	108.8	-78.2	YES	0.998	NO	bbX

Compound name: PFPeA

Coefficient of Determination: R² = 0.999141

Calibration curve: $-9.63721e-005 * x^2 + 0.931122 * x + 0.00971831$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Comp. Flag	CoD	CoD Flag	Revised
1	200714M1_3	Standard	0.250	2.24	138.329	7533.483	0.230	0.2	-5.6	NO	0.999	NO	bb
2	200714M1_4	Standard	0.500	2.24	283.432	7467.684	0.474	0.5	-0.2	NO	0.999	NO	bb
3	200714M1_5	Standard	1.000	2.23	533.609	7232.226	0.922	1.0	-2.0	NO	0.999	NO	bb
4	200714M1_6	Standard	2.000	2.24	1149.498	7496.248	1.917	2.0	2.4	NO	0.999	NO	MM
5	200714M1_7	Standard	5.000	2.23	3102.984	8073.678	4.804	5.2	3.0	NO	0.999	NO	bb
6	200714M1_8	Standard	10.000	2.23	5734.415	7447.868	9.624	10.3	3.4	NO	0.999	NO	bb
7	200714M1_9	Standard	50.000	2.23	27031.949	7195.139	46.962	50.7	1.4	NO	0.999	NO	bb
8	200714M1_10	Standard	100.000	2.23	56209.465	7257.970	96.806	105.1	5.1	NO	0.999	NO	MM
9	200714M1_11	Standard	250.000	2.23	130697.086	7519.482	217.264	239.2	-4.3	NO	0.999	NO	bb
10	200714M1_12	Standard	500.000	2.23	244812.063	6873.220	445.228	504.5	0.9	NO	0.999	NO	bb

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Compound name: PFBS

Coefficient of Determination: R² = 0.999858

Calibration curve: $-5.86372e-005 * x^2 + 1.94346 * x + 0.00599295$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	200714M1_3	Standard	0.250	2.54	49.944	1619.785	0.385	0.2	-21.9	NO	1.000	NO	bb
2	200714M1_4	Standard	0.500	2.52	132.882	1542.003	1.077	0.6	10.2	NO	1.000	NO	MM
3	200714M1_5	Standard	1.000	2.52	224.954	1572.677	1.788	0.9	-8.3	NO	1.000	NO	bb
4	200714M1_6	Standard	2.000	2.53	536.454	1540.725	4.352	2.2	11.8	NO	1.000	NO	MM
5	200714M1_7	Standard	5.000	2.51	1359.923	1661.736	10.230	5.3	5.2	NO	1.000	NO	MM
6	200714M1_8	Standard	10.000	2.52	2646.830	1641.052	20.161	10.4	3.7	NO	1.000	NO	bb
7	200714M1_9	Standard	50.000	2.51	12115.429	1545.745	97.974	50.5	1.0	NO	1.000	NO	MM
8	200714M1_10	Standard	100.000	2.52	24280.682	1560.274	194.523	100.4	0.4	NO	1.000	NO	MM
9	200714M1_11	Standard	250.000	2.51	59319.566	1556.813	476.290	246.9	-1.2	NO	1.000	NO	MM
10	200714M1_12	Standard	500.000	2.51	109843.711	1430.605	959.766	501.4	0.3	NO	1.000	NO	MM

Compound name: 4:2 FTS

Coefficient of Determination: R² = 0.999899

Calibration curve: $-0.00114026 * x^2 + 2.79845 * x + -0.239829$

Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	200714M1_3	Standard	0.250	2.98	91.471	2286.760	0.500	0.3	5.8	NO	1.000	NO	bb
2	200714M1_4	Standard	0.500	2.97	247.216	2525.173	1.224	0.5	4.6	NO	1.000	NO	bb
3	200714M1_5	Standard	1.000	2.97	549.012	2519.148	2.724	1.1	6.0	NO	1.000	NO	bb
4	200714M1_6	Standard	2.000	2.98	1080.640	2835.252	4.764	1.8	-10.5	NO	1.000	NO	bb
5	200714M1_7	Standard	5.000	2.96	2796.152	2559.750	13.654	5.0	-0.5	NO	1.000	NO	bb
6	200714M1_8	Standard	10.000	2.97	5568.818	2678.368	25.990	9.4	-5.9	NO	1.000	NO	bb
7	200714M1_9	Standard	50.000	2.97	25976.682	2376.029	136.660	49.9	-0.1	NO	1.000	NO	MM
8	200714M1_10	Standard	100.000	2.97	49658.336	2304.789	269.321	100.4	0.4	NO	1.000	NO	MM
9	200714M1_11	Standard	250.000	2.96	106542.836	2111.907	630.608	251.1	0.4	NO	1.000	NO	MM
10	200714M1_12	Standard	500.000	2.96	177476.656	1994.125	1112.497	499.1	-0.2	NO	1.000	NO	bb

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Compound name: PFHxA

Coefficient of Determination: R² = 0.999910

Calibration curve: -8.75659e-005 * x² + 1.0314 * x + 0.0901618

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Sample	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	QO	Col Flag	Acquired
1	200714M1_3	Standard	0.250	3.07	404.774	14401.321	0.351	0.3	1.3	NO	1.000	NO	bb
2	200714M1_4	Standard	0.500	3.06	593.003	13555.125	0.547	0.4	-11.4	NO	1.000	NO	MM
3	200714M1_5	Standard	1.000	3.05	1236.365	13139.938	1.176	1.1	5.3	NO	1.000	NO	MM
4	200714M1_6	Standard	2.000	3.07	2462.016	13791.441	2.231	2.1	3.8	NO	1.000	NO	MM
5	200714M1_7	Standard	5.000	3.05	5941.434	14461.780	5.135	4.9	-2.1	NO	1.000	NO	MM
6	200714M1_8	Standard	10.000	3.05	12170.927	14428.629	10.544	10.1	1.4	NO	1.000	NO	MM
7	200714M1_9	Standard	50.000	3.05	56928.426	13530.821	52.591	51.1	2.2	NO	1.000	NO	MM
8	200714M1_10	Standard	100.000	3.05	112190.539	13652.202	102.722	100.4	0.4	NO	1.000	NO	bb
9	200714M1_11	Standard	250.000	3.05	272565.594	13651.143	249.581	247.1	-1.2	NO	1.000	NO	MM
10	200714M1_12	Standard	500.000	3.05	503368.063	12707.380	495.153	501.3	0.3	NO	1.000	NO	MM

Compound name: PFPeS

Coefficient of Determination: R² = 0.999620

Calibration curve: -0.000662738 * x² + 2.27003 * x + 0.0816257

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Sample	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	QO	Col Flag	Acquired
1	200714M1_3	Standard	0.250	3.27	79.450	1619.785	0.613	0.2	-6.3	NO	1.000	NO	bb
2	200714M1_4	Standard	0.500	3.26	151.931	1542.003	1.232	0.5	1.3	NO	1.000	NO	bb
3	200714M1_5	Standard	1.000	3.26	304.389	1572.677	2.419	1.0	3.0	NO	1.000	NO	MM
4	200714M1_6	Standard	2.000	3.26	578.990	1540.725	4.697	2.0	1.7	NO	1.000	NO	bb
5	200714M1_7	Standard	5.000	3.26	1458.031	1661.736	10.968	4.8	-4.0	NO	1.000	NO	bb
6	200714M1_8	Standard	10.000	3.26	3022.856	1641.052	23.025	10.1	1.4	NO	1.000	NO	bb
7	200714M1_9	Standard	50.000	3.26	14141.752	1545.745	114.360	51.1	2.2	NO	1.000	NO	bb
8	200714M1_10	Standard	100.000	3.26	28284.715	1560.274	226.601	102.9	2.9	NO	1.000	NO	MM
9	200714M1_11	Standard	250.000	3.26	63765.199	1556.813	511.985	242.7	-2.9	NO	1.000	NO	MM
10	200714M1_12	Standard	500.000	3.26	111590.452	1430.605	975.029	503.5	0.7	NO	1.000	NO	MM

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Compound name: HFPO-DA

Coefficient of Determination: R² = 0.999340

Calibration curve: $-0.000565042 * x^2 + 1.03824 * x + -0.160627$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Standard
1 200714M1_3	Standard	0.250	3.29	9.968	1209.347	0.103	0.3	1.6	NO	0.999	NO	bb
2 200714M1_4	Standard	0.500	3.28	38.247	1141.485	0.419	0.6	11.7	NO	0.999	NO	bb
3 200714M1_5	Standard	1.000	3.28	84.433	1075.121	0.982	1.1	10.1	NO	0.999	NO	bb
4 200714M1_6	Standard	2.000	3.27	177.840	1184.672	1.876	2.0	-1.8	NO	0.999	NO	bb
5 200714M1_7	Standard	5.000	3.28	447.341	1258.710	4.442	4.4	-11.1	NO	0.999	NO	MM
6 200714M1_8	Standard	10.000	3.28	881.724	1262.951	8.727	8.6	-14.0	NO	0.999	NO	bb
7 200714M1_9	Standard	50.000	3.28	4390.855	1077.185	50.953	50.6	1.3	NO	0.999	NO	MM
8 200714M1_10	Standard	100.000	3.28	8970.061	1108.319	101.167	103.4	3.4	NO	0.999	NO	bb
9 200714M1_11	Standard	250.000	3.27	18669.018	1052.957	221.626	246.8	-1.3	NO	0.999	NO	MM
10 200714M1_12	Standard	500.000	3.27	29744.576	982.907	378.273	501.2	0.2	NO	0.999	NO	MM

Compound name: 5:3 FTCA

Coefficient of Determination: R² = 0.999843

Calibration curve: $-0.000327151 * x^2 + 0.333303 * x + -0.00209153$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Standard
1 200714M1_3	Standard	0.250	3.62	60.881	8312.272	0.092	0.3	12.4	NO	1.000	NO	bb
2 200714M1_4	Standard	0.500	3.61	101.921	8373.188	0.152	0.5	-7.4	NO	1.000	NO	bb
3 200714M1_5	Standard	1.000	3.61	217.725	8322.799	0.327	1.0	-1.2	NO	1.000	NO	bb
4 200714M1_6	Standard	2.000	3.61	408.461	7978.203	0.640	1.9	-3.5	NO	1.000	NO	bb
5 200714M1_7	Standard	5.000	3.61	1107.953	8664.206	1.598	4.8	-3.5	NO	1.000	NO	MM
6 200714M1_8	Standard	10.000	3.61	2259.735	8584.102	3.291	10.0	-0.2	NO	1.000	NO	MM
7 200714M1_9	Standard	50.000	3.61	10543.432	8223.753	16.026	50.6	1.2	NO	1.000	NO	MM
8 200714M1_10	Standard	100.000	3.61	19213.354	8013.425	29.971	99.7	-0.3	NO	1.000	NO	MM
9 200714M1_11	Standard	250.000	3.61	11217.271	7866.277	17.825	56.6	-77.3	YES	1.000	NO	MMX
10 200714M1_12	Standard	500.000	3.61	19617.785	7194.641	34.084	115.3	-76.9	YES	1.000	NO	MMX

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Compound name: PFHpA

Coefficient of Determination: R² = 0.999847
 Calibration curve: $-0.00020404 * x^2 + 1.26747 * x + 0.0418661$
 Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	excluded
1	200714M1_3	Standard	0.250	3.68	262.075	8312.272	0.394	0.3	11.2	NO	1.000	NO	MM
2	200714M1_4	Standard	0.500	3.67	376.745	8373.188	0.562	0.4	-17.9	NO	1.000	NO	bb
3	200714M1_5	Standard	1.000	3.67	950.220	8322.799	1.427	1.1	9.3	NO	1.000	NO	bb
4	200714M1_6	Standard	2.000	3.67	1494.400	7978.203	2.341	1.8	-9.3	NO	1.000	NO	MM
5	200714M1_7	Standard	5.000	3.67	4611.437	8664.206	6.653	5.2	4.4	NO	1.000	NO	MM
6	200714M1_8	Standard	10.000	3.67	8805.045	8584.102	12.822	10.1	1.0	NO	1.000	NO	MM
7	200714M1_9	Standard	50.000	3.67	41801.625	8223.753	63.538	50.5	1.0	NO	1.000	NO	MM
8	200714M1_10	Standard	100.000	3.67	81011.945	8013.425	126.369	101.3	1.3	NO	1.000	NO	MM
9	200714M1_11	Standard	250.000	3.67	188798.547	7866.277	300.013	246.4	-1.4	NO	1.000	NO	MM
10	200714M1_12	Standard	500.000	3.66	336390.063	7194.641	584.446	501.6	0.3	NO	1.000	NO	MM

Compound name: ADONA

Coefficient of Determination: R² = 0.999810
 Calibration curve: $-0.000516851 * x^2 + 4.62627 * x + -0.0289918$
 Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	excluded
1	200714M1_3	Standard	0.250	3.79	733.066	8312.272	1.102	0.2	-2.2	NO	1.000	NO	bb
2	200714M1_4	Standard	0.500	3.78	1571.343	8373.188	2.346	0.5	2.7	NO	1.000	NO	bb
3	200714M1_5	Standard	1.000	3.78	2856.376	8322.799	4.290	0.9	-6.6	NO	1.000	NO	MM
4	200714M1_6	Standard	2.000	3.78	5930.051	7978.203	9.291	2.0	0.8	NO	1.000	NO	bb
5	200714M1_7	Standard	5.000	3.78	17057.547	8664.206	24.609	5.3	6.6	NO	1.000	NO	MM
6	200714M1_8	Standard	10.000	3.78	30971.139	8584.102	45.100	9.8	-2.3	NO	1.000	NO	MM
7	200714M1_9	Standard	50.000	3.78	145986.859	8223.753	221.898	48.2	-3.5	NO	1.000	NO	bb
8	200714M1_10	Standard	100.000	3.78	300649.781	8013.425	468.978	102.6	2.6	NO	1.000	NO	bb
9	200714M1_11	Standard	250.000	3.78	704719.250	7866.277	1119.842	249.0	-0.4	NO	1.000	NO	MM
10	200714M1_12	Standard	500.000	3.78	1257392.500	7194.641	2184.599	500.2	0.0	NO	1.000	NO	MM

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Compound name: L-PFHxS

Coefficient of Determination: R² = 0.999291

Calibration curve: $-0.000131212 * x^2 + 1.11832 * x + 0.000563986$

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc. Flag	CoD	CoD Flag	Assigned
1 200714M1_3	Standard	0.250	3.82	77.921	3603.342	0.270	0.2	-3.5	NO	0.999	NO	MM
2 200714M1_4	Standard	0.500	3.82	167.144	3701.893	0.564	0.5	0.8	NO	0.999	NO	MM
3 200714M1_5	Standard	1.000	3.82	300.823	3680.122	1.022	0.9	-8.7	NO	0.999	NO	MM
4 200714M1_6	Standard	2.000	3.82	648.179	3384.709	2.394	2.1	7.0	NO	0.999	NO	MM
5 200714M1_7	Standard	5.000	3.82	1635.429	3516.220	5.814	5.2	4.0	NO	0.999	NO	MM
6 200714M1_8	Standard	10.000	3.82	3402.882	3990.926	10.658	9.5	-4.6	NO	0.999	NO	MM
7 200714M1_9	Standard	50.000	3.82	16083.207	3447.252	58.319	52.5	4.9	NO	0.999	NO	MM
8 200714M1_10	Standard	100.000	3.82	31947.945	3506.330	113.894	103.1	3.1	NO	0.999	NO	MM
9 200714M1_11	Standard	250.000	3.81	74008.727	3537.433	261.520	240.6	-3.7	NO	0.999	NO	MM
10 200714M1_12	Standard	500.000	3.81	135481.438	3193.206	530.350	504.0	0.8	NO	0.999	NO	MM

Compound name: 6:2 FTS

Coefficient of Determination: R² = 0.998832

Calibration curve: $-0.00107369 * x^2 + 3.16796 * x + 0.0199397$

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc. Flag	CoD	CoD Flag	Assigned
1 200714M1_3	Standard	0.250	4.14	144.474	2175.639	0.830	0.3	2.3	NO	0.999	NO	bb
2 200714M1_4	Standard	0.500	4.13	268.104	2238.626	1.497	0.5	-6.7	NO	0.999	NO	bb
3 200714M1_5	Standard	1.000	4.13	574.977	2352.270	3.055	1.0	-4.2	NO	0.999	NO	bb
4 200714M1_6	Standard	2.000	4.13	1164.491	2391.619	6.086	1.9	-4.2	NO	0.999	NO	bb
5 200714M1_7	Standard	5.000	4.13	3066.852	2233.630	17.163	5.4	8.4	NO	0.999	NO	MM
6 200714M1_8	Standard	10.000	4.13	6022.660	2373.864	31.713	10.0	0.4	NO	0.999	NO	MM
7 200714M1_9	Standard	50.000	4.13	26620.182	1942.279	171.321	55.1	10.2	NO	0.999	NO	MM
8 200714M1_10	Standard	100.000	4.13	52194.297	2150.064	303.446	99.1	-0.9	NO	0.999	NO	bb
9 200714M1_11	Standard	250.000	4.12	117298.055	2097.132	699.158	240.3	-3.9	NO	0.999	NO	MM
10 200714M1_12	Standard	500.000	4.12	201499.625	1897.495	1327.406	505.7	1.1	NO	0.999	NO	bb

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Compound name: L-PFOA

Coefficient of Determination: R² = 0.998820

Calibration curve: -0.000207503 * x² + 1.42944 * x + 0.110252

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	QSD	QSD Flag	QSD
1 200714M1_3	Standard	0.250	4.19	661.351	16917.770	0.489	0.3	5.9	NO	0.999	NO	bb
2 200714M1_4	Standard	0.500	4.19	1019.935	16808.074	0.759	0.5	-9.3	NO	0.999	NO	bb
3 200714M1_5	Standard	1.000	4.19	1843.762	16590.518	1.389	0.9	-10.5	NO	0.999	NO	MM
4 200714M1_6	Standard	2.000	4.18	4005.772	16958.545	2.953	2.0	-0.5	NO	0.999	NO	MM
5 200714M1_7	Standard	5.000	4.18	10622.452	17078.789	7.775	5.4	7.3	NO	0.999	NO	bb
6 200714M1_8	Standard	10.000	4.19	20083.170	17433.994	14.399	10.0	0.1	NO	0.999	NO	MM
7 200714M1_9	Standard	50.000	4.18	95928.164	15431.021	77.707	54.7	9.4	NO	0.999	NO	bb
8 200714M1_10	Standard	100.000	4.18	188371.813	16531.629	142.433	101.0	1.0	NO	0.999	NO	MM
9 200714M1_11	Standard	250.000	4.18	398420.531	15111.304	329.572	238.8	-4.5	NO	0.999	NO	MM
10 200714M1_12	Standard	500.000	4.18	736060.125	13743.616	669.456	505.3	1.1	NO	0.999	NO	MM

Compound name: PFecHS

Coefficient of Determination: R² = 0.999833

Calibration curve: 9.38457e-006 * x² + 0.428942 * x + -0.0244016

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	QSD	QSD Flag	QSD
1 200714M1_3	Standard	0.250	4.21	123.931	16917.770	0.092	0.3	8.1	NO	1.000	NO	MM
2 200714M1_4	Standard	0.500	4.21	253.042	16808.074	0.188	0.5	-0.9	NO	1.000	NO	bb
3 200714M1_5	Standard	1.000	4.20	520.358	16590.518	0.392	1.0	-2.9	NO	1.000	NO	bb
4 200714M1_6	Standard	2.000	4.20	1064.051	16958.545	0.784	1.9	-5.7	NO	1.000	NO	MM
5 200714M1_7	Standard	5.000	4.20	2908.466	17078.789	2.129	5.0	0.4	NO	1.000	NO	MM
6 200714M1_8	Standard	10.000	4.20	5815.136	17433.994	4.169	9.8	-2.3	NO	1.000	NO	MM
7 200714M1_9	Standard	50.000	4.20	27491.238	15431.021	22.269	51.9	3.8	NO	1.000	NO	MM
8 200714M1_10	Standard	100.000	4.20	57165.313	16531.629	43.224	100.6	0.6	NO	1.000	NO	MM
9 200714M1_11	Standard	250.000	4.19	128362.813	15111.304	106.181	246.3	-1.5	NO	1.000	NO	MM
10 200714M1_12	Standard	500.000	4.19	239104.344	13743.616	217.469	501.5	0.3	NO	1.000	NO	bb

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Compound name: PFHpS

Coefficient of Determination: R² = 0.996957

Calibration curve: $-4.26521e-005 * x^2 + 0.855205 * x + 0.126863$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Recorded
1	200714M1_3	Standard	0.250	4.31	98.488	3872.767	0.318	0.2	-10.7	NO	0.997	NO	bb
2	200714M1_4	Standard	0.500	4.29	166.242	4129.702	0.503	0.4	-12.0	NO	0.997	NO	bb
3	200714M1_5	Standard	1.000	4.29	308.115	4145.868	0.929	0.9	-6.2	NO	0.997	NO	bb
4	200714M1_6	Standard	2.000	4.29	598.129	3935.700	1.900	2.1	3.7	NO	0.997	NO	bb
5	200714M1_7	Standard	5.000	4.29	1673.871	4252.208	4.921	5.6	12.1	NO	0.997	NO	bb
6	200714M1_8	Standard	10.000	4.30	3321.472	4513.172	9.199	10.6	6.1	NO	0.997	NO	bb
7	200714M1_9	Standard	50.000	4.29	14278.865	3971.815	44.938	52.5	5.1	NO	0.997	NO	MM
8	200714M1_10	Standard	100.000	4.29	31154.039	4219.949	92.282	108.3	8.3	NO	0.997	NO	MM
9	200714M1_11	Standard	250.000	4.29	61281.074	3945.386	194.154	229.5	-8.2	NO	0.997	NO	MM
10	200714M1_12	Standard	500.000	4.29	116525.125	3435.482	423.977	508.5	1.7	NO	0.997	NO	bb

Compound name: 7:3 FTCA

Coefficient of Determination: R² = 0.998598

Calibration curve: $-0.000431207 * x^2 + 0.332292 * x + -0.0265027$

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Recorded
1	200714M1_3	Standard	0.250	4.62	76.726	16850.670	0.057	0.3	0.4	NO	0.999	NO	bb
2	200714M1_4	Standard	0.500	4.61	202.896	15425.141	0.164	0.6	15.0	NO	0.999	NO	bb
3	200714M1_5	Standard	1.000	4.61	351.117	15994.863	0.274	0.9	-9.3	NO	0.999	NO	bb
4	200714M1_6	Standard	2.000	4.60	841.783	16162.178	0.651	2.0	2.2	NO	0.999	NO	bb
5	200714M1_7	Standard	5.000	4.61	2125.021	16644.262	1.596	4.9	-1.7	NO	0.999	NO	bb
6	200714M1_8	Standard	10.000	4.61	4169.198	17724.799	2.940	9.0	-9.7	NO	0.999	NO	bb
7	200714M1_9	Standard	50.000	4.61	20094.186	15591.793	16.110	52.1	4.2	NO	0.999	NO	bb
8	200714M1_10	Standard	100.000	4.61	36675.277	16016.228	28.624	98.9	-1.1	NO	0.999	NO	MM
9	200714M1_11	Standard	250.000	4.60	20092.646	14369.805	17.478	56.9	-77.2	YES	0.999	NO	bbX
10	200714M1_12	Standard	500.000	4.60	34162.531	13306.186	32.093	113.3	-77.3	YES	0.999	NO	bbX

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Compound name: PFNA

Coefficient of Determination: R² = 0.999234

Calibration curve: 7.49382e-005 * x² + 1.16973 * x + 0.0197669

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

Peak	Name	Type	Conc	RT	Area	IS Area	Response	Conc	%Dev	Comp Flag	CoD	CoD	CoD	CoD
1	200714M1_3	Standard	0.250	4.63	425.597	16850.670	0.316	0.3	1.2	NO	0.999	NO	MM	
2	200714M1_4	Standard	0.500	4.63	673.893	15425.141	0.546	0.4	-10.0	NO	0.999	NO	MM	
3	200714M1_5	Standard	1.000	4.63	1321.634	15994.863	1.033	0.9	-13.4	NO	0.999	NO	bd	
4	200714M1_6	Standard	2.000	4.62	3338.412	16162.178	2.582	2.2	9.5	NO	0.999	NO	MM	
5	200714M1_7	Standard	5.000	4.62	8711.054	16644.262	6.542	5.6	11.5	NO	0.999	NO	MM	
6	200714M1_8	Standard	10.000	4.63	17166.174	17724.799	12.106	10.3	3.3	NO	0.999	NO	MM	
7	200714M1_9	Standard	50.000	4.62	78080.180	15591.793	62.597	53.3	6.6	NO	0.999	NO	bb	
8	200714M1_10	Standard	100.000	4.62	152267.719	16016.228	118.839	100.9	0.9	NO	0.999	NO	bb	
9	200714M1_11	Standard	250.000	4.62	329078.719	14369.805	286.259	241.0	-3.6	NO	0.999	NO	bb	
10	200714M1_12	Standard	500.000	4.62	647676.625	13306.186	608.436	503.9	0.8	NO	0.999	NO	MM	

Compound name: PFOSA

Coefficient of Determination: R² = 0.998590

Calibration curve: -0.000382392 * x² + 1.07773 * x + -0.119463

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

Peak	Name	Type	Conc	RT	Area	IS Area	Response	Conc	%Dev	Comp Flag	CoD	CoD	CoD	CoD
1	200714M1_3	Standard	0.250	4.68	90.462	6578.292	0.172	0.3	8.1	NO	0.999	NO	bb	
2	200714M1_4	Standard	0.500	4.68	248.330	6157.467	0.504	0.6	15.7	NO	0.999	NO	bb	
3	200714M1_5	Standard	1.000	4.68	422.188	5862.965	0.900	0.9	-5.4	NO	0.999	NO	bb	
4	200714M1_6	Standard	2.000	4.67	981.448	5934.599	2.067	2.0	1.5	NO	0.999	NO	MM	
5	200714M1_7	Standard	5.000	4.67	2682.052	6683.184	5.016	4.8	-4.5	NO	0.999	NO	MM	
6	200714M1_8	Standard	10.000	4.67	4910.935	6514.104	9.424	8.9	-11.2	NO	0.999	NO	MM	
7	200714M1_9	Standard	50.000	4.67	24475.508	6123.517	49.962	47.3	-5.5	NO	0.999	NO	MM	
8	200714M1_10	Standard	100.000	4.67	50407.383	6254.037	100.750	96.9	-3.1	NO	0.999	NO	MM	
9	200714M1_11	Standard	250.000	4.67	107320.953	5196.956	258.134	264.4	5.8	NO	0.999	NO	MM	
10	200714M1_12	Standard	500.000	4.67	194643.188	5558.474	437.717	492.2	-1.6	NO	0.999	NO	MM	

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Compound name: L-PFOS

Coefficient of Determination: R² = 0.999261

Calibration curve: $-8.32828e-005 * x^2 + 1.008 * x + -0.00370904$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

Peak Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	Qob	Qob Flag	Integration
1 200714M1_3	Standard	0.250	4.71	87.867	3872.767	0.284	0.3	14.0	NO	0.999	NO	bb
2 200714M1_4	Standard	0.500	4.71	130.997	4129.702	0.397	0.4	-20.6	NO	0.999	NO	MM
3 200714M1_5	Standard	1.000	4.71	337.488	4145.868	1.018	1.0	1.3	NO	0.999	NO	MM
4 200714M1_6	Standard	2.000	4.71	589.632	3935.700	1.873	1.9	-6.9	NO	0.999	NO	MM
5 200714M1_7	Standard	5.000	4.71	1832.255	4252.208	5.386	5.3	7.0	NO	0.999	NO	MM
6 200714M1_8	Standard	10.000	4.71	3568.115	4513.172	9.883	9.8	-1.8	NO	0.999	NO	MM
7 200714M1_9	Standard	50.000	4.71	16979.875	3971.815	53.439	53.3	6.5	NO	0.999	NO	MM
8 200714M1_10	Standard	100.000	4.71	34372.520	4219.949	101.816	101.9	1.9	NO	0.999	NO	MM
9 200714M1_11	Standard	250.000	4.70	75130.156	3945.386	238.032	240.9	-3.6	NO	0.999	NO	MM
10 200714M1_12	Standard	500.000	4.70	133808.375	3435.482	486.862	504.0	0.8	NO	0.999	NO	MM

Compound name: 9CI-PF30NS

Coefficient of Determination: R² = 0.997783

Calibration curve: $-0.000408372 * x^2 + 3.52774 * x + 0.112248$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

Peak Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	Qob	Qob Flag	Integration
1 200714M1_3	Standard	0.250	4.93	267.262	3872.767	0.863	0.2	-14.9	NO	0.998	NO	bb
2 200714M1_4	Standard	0.500	4.93	635.248	4129.702	1.923	0.5	2.7	NO	0.998	NO	bd
3 200714M1_5	Standard	1.000	4.93	1110.675	4145.868	3.349	0.9	-8.2	NO	0.998	NO	bb
4 200714M1_6	Standard	2.000	4.93	2470.433	3935.700	7.846	2.2	9.6	NO	0.998	NO	MM
5 200714M1_7	Standard	5.000	4.93	6912.283	4252.208	20.320	5.7	14.6	NO	0.998	NO	MM
6 200714M1_8	Standard	10.000	4.93	12802.830	4513.172	35.460	10.0	0.3	NO	0.998	NO	MM
7 200714M1_9	Standard	50.000	4.93	62046.250	3971.815	195.270	55.7	11.4	NO	0.998	NO	bb
8 200714M1_10	Standard	100.000	4.93	120444.398	4219.949	356.771	102.3	2.3	NO	0.998	NO	MM
9 200714M1_11	Standard	250.000	4.92	253205.531	3945.386	802.220	233.7	-6.5	NO	0.998	NO	bb
10 200714M1_12	Standard	500.000	4.92	463223.375	3435.482	1685.438	507.6	1.5	NO	0.998	NO	MM

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Compound name: PFDA

Coefficient of Determination: R² = 0.999681

Calibration curve: -0.000325761 * x² + 1.42273 * x + 0.0555571

Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

Peak	Sample	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	Conc	Conc	Conc
1	200714M1_3	Standard	0.250	5.01	560.283	16584.525	0.422	0.3	3.1	NO	1.000	NO	MM
2	200714M1_4	Standard	0.500	5.00	964.963	16551.223	0.729	0.5	-5.4	NO	1.000	NO	MM
3	200714M1_5	Standard	1.000	5.01	1625.802	15251.222	1.333	0.9	-10.2	NO	1.000	NO	MM
4	200714M1_6	Standard	2.000	5.00	3968.308	16127.962	3.076	2.1	6.2	NO	1.000	NO	MM
5	200714M1_7	Standard	5.000	5.00	9937.113	17082.514	7.271	5.1	1.6	NO	1.000	NO	MM
6	200714M1_8	Standard	10.000	5.00	19497.498	16875.867	14.442	10.1	1.4	NO	1.000	NO	MM
7	200714M1_9	Standard	50.000	5.00	90599.977	15278.743	74.123	52.7	5.4	NO	1.000	NO	MM
8	200714M1_10	Standard	100.000	5.00	173647.625	15701.982	138.237	99.4	-0.6	NO	1.000	NO	MM
9	200714M1_11	Standard	250.000	5.00	408131.031	15488.965	329.372	245.2	-1.9	NO	1.000	NO	MM
10	200714M1_12	Standard	500.000	4.99	740934.375	14636.690	632.771	502.5	0.5	NO	1.000	NO	MM

Compound name: 8:2 FTS

Coefficient of Determination: R² = 0.998959

Calibration curve: -0.00126785 * x² + 2.53193 * x + -0.148307

Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

Peak	Sample	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	Conc	Conc	Conc
1	200714M1_3	Standard	0.250	4.98	95.074	2373.602	0.501	0.3	2.5	NO	0.999	NO	bb
2	200714M1_4	Standard	0.500	4.97	187.287	2459.960	0.952	0.4	-13.1	NO	0.999	NO	MM
3	200714M1_5	Standard	1.000	4.97	422.913	2322.965	2.276	1.0	-4.2	NO	0.999	NO	bb
4	200714M1_6	Standard	2.000	4.97	994.088	2450.440	5.071	2.1	3.2	NO	0.999	NO	MM
5	200714M1_7	Standard	5.000	4.97	2635.611	2479.588	13.287	5.3	6.4	NO	0.999	NO	MM
6	200714M1_8	Standard	10.000	4.97	4743.552	2339.469	25.345	10.1	1.2	NO	0.999	NO	bb
7	200714M1_9	Standard	50.000	4.97	24988.164	2321.619	134.541	54.7	9.4	NO	0.999	NO	MM
8	200714M1_10	Standard	100.000	4.97	39760.926	2169.737	229.065	95.1	-4.9	NO	0.999	NO	bb
9	200714M1_11	Standard	250.000	4.96	100245.383	2280.753	549.409	247.8	-0.9	NO	0.999	NO	MM
10	200714M1_12	Standard	500.000	4.96	176226.125	2313.728	952.068	502.5	0.5	NO	0.999	NO	MM

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Compound name: PFNS

Coefficient of Determination: R² = 0.999231

Calibration curve: $-2.18342e-005 * x^2 + 1.01808 * x + 0.00304828$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Comp. Flag	Q/D	Q/P	Q/S
1	200714M1_3	Standard	0.250	5.07	82.599	3872.767	0.267	0.3	3.5	NO	0.999	NO	bb
2	200714M1_4	Standard	0.500	5.07	125.519	4129.702	0.380	0.4	-26.0	NO	0.999	NO	MM
3	200714M1_5	Standard	1.000	5.07	359.083	4145.868	1.083	1.1	6.0	NO	0.999	NO	MM
4	200714M1_6	Standard	2.000	5.06	660.961	3935.700	2.099	2.1	3.0	NO	0.999	NO	MM
5	200714M1_7	Standard	5.000	5.06	1982.080	4252.208	5.827	5.7	14.4	NO	0.999	NO	MM
6	200714M1_8	Standard	10.000	5.07	3527.318	4513.172	9.770	9.6	-4.1	NO	0.999	NO	MM
7	200714M1_9	Standard	50.000	5.06	17545.494	3971.815	55.219	54.3	8.6	NO	0.999	NO	MM
8	200714M1_10	Standard	100.000	5.06	33052.344	4219.949	97.905	96.4	-3.6	NO	0.999	NO	MM
9	200714M1_11	Standard	250.000	5.06	79084.383	3945.386	250.560	247.4	-1.0	NO	0.999	NO	MM
10	200714M1_12	Standard	500.000	5.06	138845.078	3435.482	505.188	501.6	0.3	NO	0.999	NO	MM

Compound name: L-MeFOSAA

Coefficient of Determination: R² = 0.998632

Calibration curve: $-0.00028932 * x^2 + 0.955308 * x + -0.0784984$

Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Comp. Flag	Q/D	Q/P	Q/S
1	200714M1_3	Standard	0.250	5.16	157.165	12749.966	0.154	0.2	-2.6	NO	0.999	NO	MM
2	200714M1_4	Standard	0.500	5.15	453.622	13181.073	0.430	0.5	6.5	NO	0.999	NO	MM
3	200714M1_5	Standard	1.000	5.16	942.937	12533.542	0.940	1.1	6.7	NO	0.999	NO	MM
4	200714M1_6	Standard	2.000	5.15	1814.574	13064.995	1.736	1.9	-5.0	NO	0.999	NO	MM
5	200714M1_7	Standard	5.000	5.15	4954.321	13391.169	4.625	4.9	-1.4	NO	0.999	NO	MM
6	200714M1_8	Standard	10.000	5.16	8648.850	12805.601	8.442	8.9	-10.6	NO	0.999	NO	MM
7	200714M1_9	Standard	50.000	5.15	47641.738	12185.622	48.871	52.1	4.1	NO	0.999	NO	MM
8	200714M1_10	Standard	100.000	5.15	94649.781	12076.561	97.968	106.0	6.0	NO	0.999	NO	MM
9	200714M1_11	Standard	250.000	5.15	206680.766	12262.323	210.687	237.7	-4.9	NO	0.999	NO	MM
10	200714M1_12	Standard	500.000	5.15	378188.125	11558.793	408.983	505.6	1.1	NO	0.999	NO	MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 15 Jul 2020 09:41:38

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Compound name: L-EtFOSAA

Coefficient of Determination: R² = 0.999572

Calibration curve: -0.000310614 * x² + 0.917172 * x + -0.0803781

Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

Peak	Sample	Conc	RT	Area	IS Area	Response	Conc	%Dev	Comp. Flag	Conc	Conc	MM	
1	200714M1_3	Standard	0.250	5.33	140.197	11464.519	0.153	0.3	1.7	NO	1.000	NO	MM
2	200714M1_4	Standard	0.500	5.32	365.420	11271.978	0.405	0.5	5.9	NO	1.000	NO	MM
3	200714M1_5	Standard	1.000	5.32	848.257	11665.944	0.909	1.1	7.9	NO	1.000	NO	MM
4	200714M1_6	Standard	2.000	5.31	1557.960	11559.660	1.685	1.9	-3.7	NO	1.000	NO	MM
5	200714M1_7	Standard	5.000	5.31	4187.570	12323.457	4.248	4.7	-5.5	NO	1.000	NO	MM
6	200714M1_8	Standard	10.000	5.32	7936.937	12052.755	8.231	9.1	-9.1	NO	1.000	NO	MM
7	200714M1_9	Standard	50.000	5.31	41205.027	11403.832	45.166	50.2	0.4	NO	1.000	NO	MM
8	200714M1_10	Standard	100.000	5.31	80353.453	10936.157	91.844	103.9	3.9	NO	1.000	NO	MM
9	200714M1_11	Standard	250.000	5.31	169742.078	10287.323	206.252	245.4	-1.9	NO	1.000	NO	MM
10	200714M1_12	Standard	500.000	5.31	300147.063	9822.442	381.966	501.8	0.4	NO	1.000	NO	MM

Compound name: PFUdA

Coefficient of Determination: R² = 0.999368

Calibration curve: -0.000166193 * x² + 0.923243 * x + 0.00984833

Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

Peak	Sample	Conc	RT	Area	IS Area	Response	Conc	%Dev	Comp. Flag	Conc	Conc	MM	
1	200714M1_3	Standard	0.250	5.34	519.576	23473.732	0.277	0.3	15.6	NO	0.999	NO	bb
2	200714M1_4	Standard	0.500	5.33	890.955	24846.895	0.448	0.5	-5.0	NO	0.999	NO	MM
3	200714M1_5	Standard	1.000	5.33	1520.347	23812.502	0.798	0.9	-14.6	NO	0.999	NO	bb
4	200714M1_6	Standard	2.000	5.32	3620.195	22990.896	1.968	2.1	6.1	NO	0.999	NO	MM
5	200714M1_7	Standard	5.000	5.33	9194.157	26130.531	4.398	4.8	-4.9	NO	0.999	NO	MM
6	200714M1_8	Standard	10.000	5.33	18872.637	24929.555	9.463	10.3	2.6	NO	0.999	NO	MM
7	200714M1_9	Standard	50.000	5.33	87742.375	22921.271	47.850	52.3	4.6	NO	0.999	NO	MM
8	200714M1_10	Standard	100.000	5.33	176068.344	23668.957	92.985	102.6	2.6	NO	0.999	NO	MM
9	200714M1_11	Standard	250.000	5.32	370154.906	21726.574	212.962	241.1	-3.6	NO	0.999	NO	MM
10	200714M1_12	Standard	500.000	5.32	636401.438	18799.791	423.144	504.0	0.8	NO	0.999	NO	MM

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Compound name: PFDS

Coefficient of Determination: R² = 0.998331

Calibration curve: $-5.87249e-005 * x^2 + 0.824091 * x + 0.00797254$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

IS	IS Area	IS Conc.	Area	Area	Area	Area	Area	Area	Area	Area	Area	Area	Area	Area
1	200714M1_3	Standard	0.250	5.39	56.328	3872.767	0.182	0.2	-15.6	NO	0.998	NO	bb	
2	200714M1_4	Standard	0.500	5.38	117.547	4129.702	0.356	0.4	-15.6	NO	0.998	NO	bb	
3	200714M1_5	Standard	1.000	5.38	275.154	4145.868	0.830	1.0	-0.3	NO	0.998	NO	bb	
4	200714M1_6	Standard	2.000	5.37	612.029	3935.700	1.944	2.3	17.5	NO	0.998	NO	bb	
5	200714M1_7	Standard	5.000	5.38	1459.379	4252.208	4.290	5.2	4.0	NO	0.998	NO	bd	
6	200714M1_8	Standard	10.000	5.38	3169.511	4513.172	8.779	10.7	6.5	NO	0.998	NO	MM	
7	200714M1_9	Standard	50.000	5.37	14736.560	3971.815	46.379	56.5	13.0	NO	0.998	NO	MM	
8	200714M1_10	Standard	100.000	5.37	26927.563	4219.949	79.763	97.5	-2.5	NO	0.998	NO	MM	
9	200714M1_11	Standard	250.000	5.37	61344.797	3945.386	194.356	239.9	-4.0	NO	0.998	NO	MM	
10	200714M1_12	Standard	500.000	5.37	110277.102	3435.482	401.243	505.1	1.0	NO	0.998	NO	MM	

Compound name: 11Cl-PF30UdS

Coefficient of Determination: R² = 0.999051

Calibration curve: $2.45458e-005 * x^2 + 0.538266 * x + -0.000516182$

Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

IS	IS Area	IS Conc.	Area	Area	Area	Area	Area	Area	Area	Area	Area	Area	Area	Area
1	200714M1_3	Standard	0.250	5.55	302.720	27961.152	0.135	0.3	1.0	NO	0.999	NO	bb	
2	200714M1_4	Standard	0.500	5.55	571.298	26979.160	0.265	0.5	-1.5	NO	0.999	NO	MM	
3	200714M1_5	Standard	1.000	5.55	1134.186	27847.480	0.509	0.9	-5.3	NO	0.999	NO	MM	
4	200714M1_6	Standard	2.000	5.54	2538.433	29214.402	1.086	2.0	0.9	NO	0.999	NO	bb	
5	200714M1_7	Standard	5.000	5.54	6355.563	31592.418	2.515	4.7	-6.6	NO	0.999	NO	MM	
6	200714M1_8	Standard	10.000	5.54	12653.906	27654.746	5.720	10.6	6.2	NO	0.999	NO	MM	
7	200714M1_9	Standard	50.000	5.54	62112.273	27687.736	28.041	52.0	3.9	NO	0.999	NO	MM	
8	200714M1_10	Standard	100.000	5.54	124320.719	27507.436	56.494	104.5	4.5	NO	0.999	NO	MM	
9	200714M1_11	Standard	250.000	5.54	261975.047	25182.369	130.039	239.0	-4.4	NO	0.999	NO	MM	
10	200714M1_12	Standard	500.000	5.54	504938.563	22728.314	277.703	504.3	0.9	NO	0.999	NO	MM	

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Compound name: 10:2 FTS

Coefficient of Determination: R² = 0.999485

Calibration curve: $-0.00109875 * x^2 + 3.27887 * x + -0.0560132$

Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev.	Conc. Flag	CoD	CoD Flag	Weighting
1	200714M1_3	Standard	0.250	5.61	124.348	2060.834	0.754	0.2	-1.1	NO	0.999	NO	bb
2	200714M1_4	Standard	0.500	5.60	246.193	1853.805	1.660	0.5	4.7	NO	0.999	NO	bb
3	200714M1_5	Standard	1.000	5.61	466.659	1906.258	3.060	1.0	-4.9	NO	0.999	NO	bb
4	200714M1_6	Standard	2.000	5.60	877.621	1854.338	5.916	1.8	-8.9	NO	0.999	NO	bb
5	200714M1_7	Standard	5.000	5.60	2409.549	1823.428	16.518	5.1	1.3	NO	0.999	NO	MM
6	200714M1_8	Standard	10.000	5.61	4832.769	1889.260	31.975	9.8	-2.0	NO	0.999	NO	MM
7	200714M1_9	Standard	50.000	5.60	20768.459	1552.419	167.227	51.9	3.8	NO	0.999	NO	MM
8	200714M1_10	Standard	100.000	5.60	41518.547	1594.796	325.422	102.8	2.8	NO	0.999	NO	MM
9	200714M1_11	Standard	250.000	5.60	84194.164	1444.621	728.514	241.8	-3.3	NO	0.999	NO	MM
10	200714M1_12	Standard	500.000	5.59	154017.453	1401.567	1373.618	504.1	0.8	NO	0.999	NO	MM

Compound name: PFDaA

Coefficient of Determination: R² = 0.999898

Calibration curve: $-0.000254272 * x^2 + 0.985434 * x + 0.123573$

Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev.	Conc. Flag	CoD	CoD Flag	Weighting
1	200714M1_3	Standard	0.250	5.62	872.826	27961.152	0.390	0.3	8.2	NO	1.000	NO	MM
2	200714M1_4	Standard	0.500	5.62	1277.178	26979.160	0.592	0.5	-5.0	NO	1.000	NO	bb
3	200714M1_5	Standard	1.000	5.62	2411.300	27847.480	1.082	1.0	-2.7	NO	1.000	NO	MM
4	200714M1_6	Standard	2.000	5.61	5111.875	29214.402	2.187	2.1	4.8	NO	1.000	NO	bb
5	200714M1_7	Standard	5.000	5.61	11892.315	31592.418	4.705	4.7	-6.9	NO	1.000	NO	MM
6	200714M1_8	Standard	10.000	5.62	22156.508	27654.746	10.015	10.1	0.6	NO	1.000	NO	MM
7	200714M1_9	Standard	50.000	5.61	108028.883	27687.736	48.771	50.0	0.0	NO	1.000	NO	MM
8	200714M1_10	Standard	100.000	5.61	214953.672	27507.436	97.680	101.7	1.7	NO	1.000	NO	MM
9	200714M1_11	Standard	250.000	5.61	460341.500	25182.369	228.504	247.6	-1.0	NO	1.000	NO	MM
10	200714M1_12	Standard	500.000	5.61	781863.750	22728.314	430.005	501.0	0.2	NO	1.000	NO	bb

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Compound name: N-MeFOSA

Coefficient of Determination: R² = 0.999472

Calibration curve: -0.000100234 * x² + 0.977388 * x + 0.25356

Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

Peak No.	Name	Type	Conc	RT	Area	IS Area	Response	Conc	% Dev	Chk	Flag	Q	Q	Q
1	200714M1_3	Standard	1.250	5.63	168.180	19782.893	1.268	1.0	-16.9	NO		0.999	NO	bb
2	200714M1_4	Standard	2.500	5.62	342.679	19874.738	2.572	2.4	-5.1	NO		0.999	NO	bb
3	200714M1_5	Standard	5.000	5.62	629.454	19034.811	4.934	4.8	-4.2	NO		0.999	NO	bb
4	200714M1_6	Standard	10.000	5.61	1467.737	20258.713	10.809	10.8	8.1	NO		0.999	NO	MM
5	200714M1_7	Standard	25.000	5.62	3750.807	20455.109	27.358	27.8	11.2	NO		0.999	NO	bb
6	200714M1_8	Standard	50.000	5.62	7165.597	20863.533	51.243	52.5	4.9	NO		0.999	NO	MM
7	200714M1_9	Standard	250.000	5.62	33112.617	20008.807	246.911	259.3	3.7	NO		0.999	NO	MM
8	200714M1_10	Standard	500.000	5.62	63849.199	20465.270	465.486	501.8	0.4	NO		0.999	NO	MM
9	200714M1_11	Standard	1250.000	5.61	143016.875	20580.441	1036.815	1210.9	-3.1	NO		0.999	NO	MM
10	200714M1_12	Standard	2500.000	5.61	247603.688	20183.967	1830.288	2527.5	1.1	NO		0.999	NO	MM

Compound name: PFTrDA

Coefficient of Determination: R² = 0.999860

Calibration curve: -8.15035e-005 * x² + 0.917377 * x + 0.0127673

Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

Peak No.	Name	Type	Conc	RT	Area	IS Area	Response	Conc	% Dev	Chk	Flag	Q	Q	Q
1	200714M1_3	Standard	0.250	5.87	556.677	27961.152	0.249	0.3	2.9	NO		1.000	NO	bb
2	200714M1_4	Standard	0.500	5.87	1069.436	26979.160	0.495	0.5	5.2	NO		1.000	NO	bb
3	200714M1_5	Standard	1.000	5.87	1941.989	27847.480	0.872	0.9	-6.4	NO		1.000	NO	bb
4	200714M1_6	Standard	2.000	5.86	4381.087	29214.402	1.875	2.0	1.5	NO		1.000	NO	MM
5	200714M1_7	Standard	5.000	5.86	11087.827	31592.418	4.387	4.8	-4.6	NO		1.000	NO	MM
6	200714M1_8	Standard	10.000	5.87	22053.406	27654.746	9.968	10.9	8.6	NO		1.000	NO	MM
7	200714M1_9	Standard	50.000	5.86	99895.695	27687.736	45.099	49.4	-1.3	NO		1.000	NO	MM
8	200714M1_10	Standard	100.000	5.86	198050.422	27507.436	89.999	99.0	-1.0	NO		1.000	NO	MM
9	200714M1_11	Standard	250.000	5.86	454638.531	25182.369	225.673	251.6	0.6	NO		1.000	NO	MM
10	200714M1_12	Standard	500.000	5.86	796131.313	22728.314	437.852	499.4	-0.1	NO		1.000	NO	MM

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Compound name: PFDoS

Coefficient of Determination: R² = 0.999712

Calibration curve: $-5.73949e-005 * x^2 + 0.269273 * x + -0.00804463$

Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

1	200714M1_3	Standard	0.250	5.90	119.450	19406.287	0.077	0.3	26.3	NO	1.000	NO	MM
2	200714M1_4	Standard	0.500	5.89	143.657	18179.182	0.099	0.4	-20.7	NO	1.000	NO	bb
3	200714M1_5	Standard	1.000	5.89	386.415	17923.145	0.269	1.0	3.1	NO	1.000	NO	MM
4	200714M1_6	Standard	2.000	5.89	707.338	18194.086	0.486	1.8	-8.2	NO	1.000	NO	MM
5	200714M1_7	Standard	5.000	5.89	1897.038	19310.354	1.228	4.6	-8.1	NO	1.000	NO	bb
6	200714M1_8	Standard	10.000	5.89	4006.968	19204.354	2.608	9.7	-2.6	NO	1.000	NO	MM
7	200714M1_9	Standard	50.000	5.89	18646.791	18117.227	12.865	48.3	-3.4	NO	1.000	NO	MM
8	200714M1_10	Standard	100.000	5.89	36495.699	17245.291	26.453	100.4	0.4	NO	1.000	NO	MM
9	200714M1_11	Standard	250.000	5.88	83246.578	16058.223	64.801	254.5	1.8	NO	1.000	NO	MM
10	200714M1_12	Standard	500.000	5.88	145589.891	15195.150	119.767	497.6	-0.5	NO	1.000	NO	MM

Compound name: PFTeDA

Coefficient of Determination: R² = 0.999876

Calibration curve: $-0.000342665 * x^2 + 1.57889 * x + -0.0767766$

Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

1	200714M1_3	Standard	0.250	6.09	512.820	19406.287	0.330	0.3	3.1	NO	1.000	NO	MM
2	200714M1_4	Standard	0.500	6.08	1074.185	18179.182	0.739	0.5	3.3	NO	1.000	NO	MM
3	200714M1_5	Standard	1.000	6.08	2212.417	17923.145	1.543	1.0	2.6	NO	1.000	NO	MM
4	200714M1_6	Standard	2.000	6.08	4474.019	18194.086	3.074	2.0	-0.2	NO	1.000	NO	MM
5	200714M1_7	Standard	5.000	6.08	11975.542	19310.354	7.752	5.0	-0.7	NO	1.000	NO	MM
6	200714M1_8	Standard	10.000	6.08	21854.840	19204.354	14.225	9.1	-9.2	NO	1.000	NO	MM
7	200714M1_9	Standard	50.000	6.08	113159.648	18117.227	78.075	50.0	0.1	NO	1.000	NO	MM
8	200714M1_10	Standard	100.000	6.08	215110.469	17245.291	155.920	101.0	1.0	NO	1.000	NO	MM
9	200714M1_11	Standard	250.000	6.08	479787.813	16058.223	373.475	250.2	0.1	NO	1.000	NO	MM
10	200714M1_12	Standard	500.000	6.07	854937.563	15195.150	703.298	499.7	-0.1	NO	1.000	NO	MM

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Compound name: N-EtFOSA

Coefficient of Determination: R² = 0.999312

Calibration curve: $-5.14651e-005 * x^2 + 0.857236 * x + 0.0512256$

Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

IS	IS Name	Type	Std Conc	IS Conc	Area	IS Area	Response	Comp	IS Conc	IS Area	IS Area	IS Area	IS Area	IS Area
1	200714M1_3	Standard	1.250	6.07	184.840	26114.488	1.056	1.2	-6.2	NO	0.999	NO	bb	
2	200714M1_4	Standard	2.500	6.07	376.956	26486.838	2.123	2.4	-3.3	NO	0.999	NO	MM	
3	200714M1_5	Standard	5.000	6.07	780.546	25941.777	4.489	5.2	3.6	NO	0.999	NO	MM	
4	200714M1_6	Standard	10.000	6.06	1563.787	27290.533	8.549	9.9	-0.8	NO	0.999	NO	bb	
5	200714M1_7	Standard	25.000	6.07	4247.267	27832.994	22.768	26.5	6.2	NO	0.999	NO	bb	
6	200714M1_8	Standard	50.000	6.07	8183.979	27775.551	43.961	51.4	2.8	NO	0.999	NO	MM	
7	200714M1_9	Standard	250.000	6.07	38094.461	26479.145	214.648	254.2	1.7	NO	0.999	NO	MM	
8	200714M1_10	Standard	500.000	6.07	73335.172	25337.428	431.836	519.9	4.0	NO	0.999	NO	MM	
9	200714M1_11	Standard	1250.000	6.06	167926.141	26251.313	954.412	1199.7	-4.0	NO	0.999	NO	MM	
10	200714M1_12	Standard	2500.000	6.06	292143.875	23737.102	1836.276	2524.7	1.0	NO	0.999	NO	MM	

Compound name: PFHxDA

Coefficient of Determination: R² = 0.999490

Calibration curve: $-2.36464e-005 * x^2 + 0.565858 * x + 0.104925$

Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

IS	IS Name	Type	Std Conc	IS Conc	Area	IS Area	Response	Comp	IS Conc	IS Area	IS Area	IS Area	IS Area
1	200714M1_3	Standard	0.250	6.41	487.302	28151.404	0.216	0.2	-21.2	NO	0.999	NO	MM
2	200714M1_4	Standard	0.500	6.41	792.447	26856.342	0.369	0.5	-6.7	NO	0.999	NO	MM
3	200714M1_5	Standard	1.000	6.41	1548.213	27454.617	0.705	1.1	6.0	NO	0.999	NO	MM
4	200714M1_6	Standard	2.000	6.41	2885.700	27503.053	1.312	2.1	6.6	NO	0.999	NO	MM
5	200714M1_7	Standard	5.000	6.41	7427.525	29537.770	3.143	5.4	7.4	NO	0.999	NO	MM
6	200714M1_8	Standard	10.000	6.41	13645.644	28385.369	6.009	10.4	4.4	NO	0.999	NO	MM
7	200714M1_9	Standard	50.000	6.41	65478.621	27431.236	29.838	52.7	5.3	NO	0.999	NO	MM
8	200714M1_10	Standard	100.000	6.41	128609.766	28349.387	56.707	100.5	0.5	NO	0.999	NO	MM
9	200714M1_11	Standard	250.000	6.40	282454.375	25967.018	135.968	242.6	-3.0	NO	0.999	NO	MM
10	200714M1_12	Standard	500.000	6.40	533158.625	23889.063	278.976	503.4	0.7	NO	0.999	NO	MM

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Compound name: PFODA

Coefficient of Determination: R² = 0.999967

Calibration curve: $-6.90757e-005 * x^2 + 0.992702 * x + 0.0262967$

Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

Peak	Name	Type	Std. Conc.	R ²	Area	IS Area	Response	Conc.	IS Conc.	Conf. Flag	IS Conc.	IS Area	IS Conc.	IS Area
1	200714M1_3	Standard	0.250	6.64	581.616	28151.404	0.258	0.2	-6.5	NO	1.000	NO	MM	
2	200714M1_4	Standard	0.500	6.64	1122.557	26856.342	0.522	0.5	-0.0	NO	1.000	NO	MM	
3	200714M1_5	Standard	1.000	6.64	2247.742	27454.617	1.023	1.0	0.4	NO	1.000	NO	MM	
4	200714M1_6	Standard	2.000	6.63	4537.806	27503.053	2.062	2.1	2.6	NO	1.000	NO	MM	
5	200714M1_7	Standard	5.000	6.64	11739.596	29537.770	4.968	5.0	-0.4	NO	1.000	NO	MM	
6	200714M1_8	Standard	10.000	6.64	23663.752	28385.369	10.421	10.5	4.8	NO	1.000	NO	MM	
7	200714M1_9	Standard	50.000	6.63	107825.047	27431.236	49.134	49.6	-0.7	NO	1.000	NO	MM	
8	200714M1_10	Standard	100.000	6.63	223538.469	28349.387	98.564	100.0	-0.0	NO	1.000	NO	MM	
9	200714M1_11	Standard	250.000	6.63	506089.781	25967.018	243.621	249.7	-0.1	NO	1.000	NO	MM	
10	200714M1_12	Standard	500.000	6.63	915952.875	23889.063	479.274	500.2	0.0	NO	1.000	NO	MM	

Compound name: N-MeFOSE

Coefficient of Determination: R² = 0.999262

Calibration curve: $-4.59673e-005 * x^2 + 1.02878 * x + -0.100429$

Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

Peak	Name	Type	Std. Conc.	R ²	Area	IS Area	Response	Conc.	IS Conc.	Conf. Flag	IS Conc.	IS Area	IS Conc.	IS Area
1	200714M1_3	Standard	1.250	6.30	102.679	12291.156	1.246	1.3	4.7	NO	0.999	NO	MM	
2	200714M1_4	Standard	2.500	6.30	202.285	11746.694	2.569	2.6	3.8	NO	0.999	NO	MM	
3	200714M1_5	Standard	5.000	6.30	398.295	12507.773	4.751	4.7	-5.7	NO	0.999	NO	bb	
4	200714M1_6	Standard	10.000	6.29	821.433	12494.564	9.809	9.6	-3.6	NO	0.999	NO	MM	
5	200714M1_7	Standard	25.000	6.29	2176.200	12944.263	25.084	24.5	-2.0	NO	0.999	NO	MM	
6	200714M1_8	Standard	50.000	6.30	4666.540	14311.119	48.651	47.5	-5.0	NO	0.999	NO	MM	
7	200714M1_9	Standard	250.000	6.29	21311.803	13131.866	242.138	238.0	-4.8	NO	0.999	NO	MM	
8	200714M1_10	Standard	500.000	6.29	46242.910	12929.898	533.604	531.4	6.3	NO	0.999	NO	MM	
9	200714M1_11	Standard	1250.000	6.29	107810.922	13476.807	1193.561	1227.6	-1.8	NO	0.999	NO	MM	
10	200714M1_12	Standard	2500.000	6.29	205780.438	13407.777	2289.898	2506.7	0.3	NO	0.999	NO	MM	

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Compound name: N-EtFOSE

Coefficient of Determination: R² = 0.999839

Calibration curve: $-2.46856e-005 * x^2 + 1.06967 * x + 0.0785905$

Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

ID	Sample Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	SD	CV	Flag	Std. Dev.	CV	Flag
1	200714M1_3	Standard	1.250	6.45	157.267	14018.888	1.674	1.5	19.3	NO	1.000	NO	MM	
2	200714M1_4	Standard	2.500	6.44	261.480	13818.731	2.823	2.6	2.6	NO	1.000	NO	bb	
3	200714M1_5	Standard	5.000	6.44	453.406	13490.115	5.015	4.6	-7.7	NO	1.000	NO	bb	
4	200714M1_6	Standard	10.000	6.44	943.931	13380.596	10.525	9.8	-2.3	NO	1.000	NO	MM	
5	200714M1_7	Standard	25.000	6.44	2677.050	15093.138	26.463	24.7	-1.3	NO	1.000	NO	MM	
6	200714M1_8	Standard	50.000	6.44	5071.301	14574.147	51.916	48.5	-3.0	NO	1.000	NO	MM	
7	200714M1_9	Standard	250.000	6.44	24525.480	14099.037	259.536	243.9	-2.4	NO	1.000	NO	MM	
8	200714M1_10	Standard	500.000	6.44	49105.359	13955.995	524.973	496.4	-0.7	NO	1.000	NO	MM	
9	200714M1_11	Standard	1250.000	6.44	122711.453	13863.642	1320.616	1271.9	1.7	NO	1.000	NO	MM	
10	200714M1_12	Standard	2500.000	6.44	244788.453	14548.509	2510.390	2489.9	-0.4	NO	1.000	NO	MM	

Compound name: 13C3-PFBA-EIS

Response Factor: 444.387

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

ID	Sample Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	SD	CV	Flag	Std. Dev.	CV	Flag
1	200714M1_3	Standard	12.500	1.29	5205.756		5205.756	11.7	-6.3	NO		NO	bbX	
2	200714M1_4	Standard	12.500	1.28	5531.135		5531.135	12.4	-0.4	NO		NO	MMX	
3	200714M1_5	Standard	12.500	1.28	5182.185		5182.185	11.7	-6.7	NO		NO	MMX	
4	200714M1_6	Standard	12.500	1.30	5166.975		5166.975	11.6	-7.0	NO		NO	bbX	
5	200714M1_7	Standard	12.500	1.28	5677.718		5677.718	12.8	2.2	NO		NO	bbX	
6	200714M1_8	Standard	12.500	1.28	5554.837		5554.837	12.5	0.0	NO		NO	MM	
7	200714M1_9	Standard	12.500	1.28	5034.837		5034.837	11.3	-9.4	NO		NO	MMX	
8	200714M1_10	Standard	12.500	1.28	5230.322		5230.322	11.8	-5.8	NO		NO	bbX	
9	200714M1_11	Standard	12.500	1.28	5502.728		5502.728	12.4	-0.9	NO		NO	bbX	
10	200714M1_12	Standard	12.500	1.28	5144.136		5144.136	11.6	-7.4	NO		NO	bbX	

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Compound name: 13C3-PFBA-RSD

Response Factor: 0.69752
 RRF SD: 0.0210831, Relative SD: 3.02257
 Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
 Curve type: RF

Peak	Sample	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Standard
1	200714M1_3	Standard	12.500	1.29	5384.654	7304.719	9.214	13.2	5.7	NO		NO	bb
2	200714M1_4	Standard	12.500	1.28	5540.282	7771.031	8.912	12.8	2.2	NO		NO	MM
3	200714M1_5	Standard	12.500	1.28	5172.887	7550.250	8.564	12.3	-1.8	NO		NO	bb
4	200714M1_6	Standard	12.500	1.30	5472.501	8067.108	8.480	12.2	-2.7	NO		NO	MM
5	200714M1_7	Standard	12.500	1.28	5786.219	8113.643	8.914	12.8	2.2	NO		NO	bb
6	200714M1_8	Standard	12.500	1.28	5574.410	8369.593	8.325	11.9	-4.5	NO		NO	MM
7	200714M1_9	Standard	12.500	1.28	5040.291	7138.081	8.826	12.7	1.2	NO		NO	MM
8	200714M1_10	Standard	12.500	1.28	5246.372	7544.018	8.693	12.5	-0.3	NO		NO	bb
9	200714M1_11	Standard	12.500	1.28	5617.581	8004.470	8.773	12.6	0.6	NO		NO	bb
10	200714M1_12	Standard	12.500	1.28	5150.533	7584.518	8.489	12.2	-2.6	NO		NO	bb

Compound name: 13C3-PFPeA-EIS

Response Factor: 595.829
 RRF SD: 0, Relative SD: 0
 Response type: External Std, Area
 Curve type: RF

Peak	Sample	Type	Std Conc	RT	Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Standard
1	200714M1_3	Standard	12.500	2.24	7533.483	7533.483	12.6	1.1	NO		NO	bbX
2	200714M1_4	Standard	12.500	2.23	7467.684	7467.684	12.5	0.3	NO		NO	bbX
3	200714M1_5	Standard	12.500	2.23	7232.226	7232.226	12.1	-2.9	NO		NO	bbX
4	200714M1_6	Standard	12.500	2.24	7496.248	7496.248	12.6	0.6	NO		NO	bbX
5	200714M1_7	Standard	12.500	2.23	8073.678	8073.678	13.6	8.4	NO		NO	MMX
6	200714M1_8	Standard	12.500	2.23	7447.868	7447.868	12.5	0.0	NO		NO	bb
7	200714M1_9	Standard	12.500	2.23	7195.139	7195.139	12.1	-3.4	NO		NO	bbX
8	200714M1_10	Standard	12.500	2.23	7257.970	7257.970	12.2	-2.5	NO		NO	bbX
9	200714M1_11	Standard	12.500	2.22	7519.482	7519.482	12.6	1.0	NO		NO	MMX
10	200714M1_12	Standard	12.500	2.22	6873.220	6873.220	11.5	-7.7	NO		NO	MMX

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Compound name: 13C3-PFPeA-RSD

Response Factor: 0.473013

RRF SD: 0.0198797, Relative SD: 4.20279

Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)

Curve type: RF

Sample	Time	Std. Conc.	RF	Area	IS Area	Response	Conc.	%Dev	Comp. Flag	Obs
1 200714M1_3	Standard	12.500	2.24	7533.483	15209.932	6.191	13.1	4.7	NO	bb
2 200714M1_4	Standard	12.500	2.23	7467.684	15838.066	5.894	12.5	-0.3	NO	bb
3 200714M1_5	Standard	12.500	2.23	7232.226	16003.178	5.649	11.9	-4.5	NO	bb
4 200714M1_6	Standard	12.500	2.24	7656.414	15653.435	6.114	12.9	3.4	NO	bd
5 200714M1_7	Standard	12.500	2.23	8079.239	16861.885	5.989	12.7	1.3	NO	MM
6 200714M1_8	Standard	12.500	2.23	7447.868	16735.422	5.563	11.8	-5.9	NO	bb
7 200714M1_9	Standard	12.500	2.23	7195.139	16092.557	5.589	11.8	-5.5	NO	bb
8 200714M1_10	Standard	12.500	2.23	7257.970	15475.205	5.863	12.4	-0.8	NO	bb
9 200714M1_11	Standard	12.500	2.22	7529.535	15653.903	6.013	12.7	1.7	NO	MM
10 200714M1_12	Standard	12.500	2.22	6872.564	13718.043	6.262	13.2	5.9	NO	MM

Compound name: 13C3-PFBS-EIS

Response Factor: 127.271

RRF SD: 5.67535, Relative SD: 4.45926

Response type: External Std, Area

Curve type: RF

Sample	Time	Std. Conc.	RF	Area	IS Area	Response	Conc.	%Dev	Comp. Flag	Obs
1 200714M1_3	Standard	12.500	2.53	1619.785	1619.785	12.7	1.8	NO	NO	MMX
2 200714M1_4	Standard	12.500	2.52	1542.003	1542.003	12.1	-3.1	NO	NO	bbX
3 200714M1_5	Standard	12.500	2.52	1572.677	1572.677	12.4	-1.1	NO	NO	MMX
4 200714M1_6	Standard	12.500	2.53	1540.725	1540.725	12.1	-3.2	NO	NO	MM
5 200714M1_7	Standard	12.500	2.51	1661.736	1661.736	13.1	4.5	NO	NO	MMX
6 200714M1_8	Standard	12.500	2.52	1641.052	1641.052	12.9	3.2	NO	NO	bb
7 200714M1_9	Standard	12.500	2.51	1545.745	1545.745	12.1	-2.8	NO	NO	MMX
8 200714M1_10	Standard	12.500	2.51	1560.274	1560.274	12.3	-1.9	NO	NO	MMX
9 200714M1_11	Standard	12.500	2.51	1556.813	1556.813	12.2	-2.1	NO	NO	MMX
10 200714M1_12	Standard	12.500	2.51	1430.605	1430.605	11.2	-10.1	NO	NO	MMX

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Compound name: 13C3-PFBS-RSD

Response Factor: 0.777703

RRF SD: 0.0601386, Relative SD: 7.73285

Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)

Curve type: RF

IS	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area
1	200714M1_3	Standard	12.500	2.53	1619.169	1745.180	11.597	14.9	19.3	NO	NO	MM
2	200714M1_4	Standard	12.500	2.52	1542.003	2081.197	9.262	11.9	-4.7	NO	NO	bb
3	200714M1_5	Standard	12.500	2.52	1571.303	1995.269	9.844	12.7	1.3	NO	NO	MM
4	200714M1_6	Standard	12.500	2.53	1540.942	2003.151	9.616	12.4	-1.1	NO	NO	MM
5	200714M1_7	Standard	12.500	2.51	1671.080	2281.428	9.156	11.8	-5.8	NO	NO	MM
6	200714M1_8	Standard	12.500	2.52	1641.052	2072.809	9.896	12.7	1.8	NO	NO	bb
7	200714M1_9	Standard	12.500	2.51	1547.749	2179.594	8.876	11.4	-8.7	NO	NO	MM
8	200714M1_10	Standard	12.500	2.51	1560.385	2004.690	9.730	12.5	0.1	NO	NO	MM
9	200714M1_11	Standard	12.500	2.51	1556.466	2098.879	9.270	11.9	-4.6	NO	NO	MM
10	200714M1_12	Standard	12.500	2.51	1430.140	1793.680	9.967	12.8	2.5	NO	NO	MM

Compound name: 13C3-HFPO-DA-EIS

Response Factor: 101.036

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

IS	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area
1	200714M1_3	Standard	12.500	3.29	1209.347	1209.347	12.0	-4.2	NO	NO	bbX	
2	200714M1_4	Standard	12.500	3.28	1141.485	1141.485	11.3	-9.6	NO	NO	MMX	
3	200714M1_5	Standard	12.500	3.28	1075.121	1075.121	10.6	-14.9	NO	NO	bbX	
4	200714M1_6	Standard	12.500	3.27	1184.672	1184.672	11.7	-6.2	NO	NO	bbX	
5	200714M1_7	Standard	12.500	3.28	1258.710	1258.710	12.5	-0.3	NO	NO	bbX	
6	200714M1_8	Standard	12.500	3.28	1262.951	1262.951	12.5	0.0	NO	NO	bb	
7	200714M1_9	Standard	12.500	3.28	1077.185	1077.185	10.7	-14.7	NO	NO	MMX	
8	200714M1_10	Standard	12.500	3.28	1108.319	1108.319	11.0	-12.2	NO	NO	bbX	
9	200714M1_11	Standard	12.500	3.27	1052.957	1052.957	10.4	-16.6	NO	NO	MMX	
10	200714M1_12	Standard	12.500	3.27	982.907	982.907	9.7	-22.2	NO	NO	bbX	

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Compound name: 13C3-HFPO-DA-RSD

Response Factor: 0.0721427
 RRF SD: 0.00429979, Relative SD: 5.96012
 Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
 Curve type: RF

Peak	Sample	Standard	IS Conc	IS Area	Area	Response	Conc	RF	RF SD	Relative SD	Response	Conc	RF	RF SD	Relative SD
1	200714M1_3	Standard	12.500	3.29	1209.347	15209.932	0.994	13.8	10.2	NO	NO	bb			
2	200714M1_4	Standard	12.500	3.28	1141.460	15838.066	0.901	12.5	-0.1	NO	NO	MM			
3	200714M1_5	Standard	12.500	3.28	1075.121	16003.178	0.840	11.6	-6.9	NO	NO	bb			
4	200714M1_6	Standard	12.500	3.27	1184.672	15653.435	0.946	13.1	4.9	NO	NO	bb			
5	200714M1_7	Standard	12.500	3.28	1258.710	16861.885	0.933	12.9	3.5	NO	NO	bb			
6	200714M1_8	Standard	12.500	3.28	1262.951	16735.422	0.943	13.1	4.6	NO	NO	bb			
7	200714M1_9	Standard	12.500	3.28	1077.257	16092.557	0.837	11.6	-7.2	NO	NO	MM			
8	200714M1_10	Standard	12.500	3.28	1108.319	15475.205	0.895	12.4	-0.7	NO	NO	bb			
9	200714M1_11	Standard	12.500	3.27	1043.457	15653.903	0.833	11.5	-7.6	NO	NO	MM			
10	200714M1_12	Standard	12.500	3.27	982.907	13718.043	0.896	12.4	-0.7	NO	NO	bb			

Compound name: 13C2-4:2 FTS-EIS

Response Factor: 214.269
 RRF SD: 0, Relative SD: 0
 Response type: External Std, Area
 Curve type: RF

Peak	Sample	Standard	IS Conc	IS Area	Area	Response	Conc	RF	RF SD	Relative SD	Response	Conc	RF	RF SD	Relative SD
1	200714M1_3	Standard	12.500	2.98	2286.760	2286.760	10.7	-14.6	NO	NO	bbX				
2	200714M1_4	Standard	12.500	2.97	2525.173	2525.173	11.8	-5.7	NO	NO	MMX				
3	200714M1_5	Standard	12.500	2.97	2519.148	2519.148	11.8	-5.9	NO	NO	MMX				
4	200714M1_6	Standard	12.500	2.98	2835.252	2835.252	13.2	5.9	NO	NO	MMX				
5	200714M1_7	Standard	12.500	2.97	2559.750	2559.750	11.9	-4.4	NO	NO	bbX				
6	200714M1_8	Standard	12.500	2.97	2678.368	2678.368	12.5	0.0	NO	NO	MM				
7	200714M1_9	Standard	12.500	2.97	2376.029	2376.029	11.1	-11.3	NO	NO	MMX				
8	200714M1_10	Standard	12.500	2.97	2304.789	2304.789	10.8	-13.9	NO	NO	MMX				
9	200714M1_11	Standard	12.500	2.96	2111.907	2111.907	9.9	-21.1	NO	NO	MMX				
10	200714M1_12	Standard	12.500	2.96	1994.125	1994.125	9.3	-25.5	NO	NO	MMX				

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Compound name: 13C2-4:2 FTS-RSD

Response Factor: 1.19796

RRF SD: 0.123308, Relative SD: 10.2932

Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)

Curve type: RF

	Sample	Type	IS Conc.	RT	Area	IS Area	Response	Conc.	% Dev	Peak ID	Qual	Code
1	200714M1_3	Standard	12.500	2.98	2286.760	1745.180	16.379	13.7	9.4	NO	NO	bb
2	200714M1_4	Standard	12.500	2.97	2526.845	2081.197	15.177	12.7	1.3	NO	NO	MM
3	200714M1_5	Standard	12.500	2.97	2520.340	1995.269	15.789	13.2	5.4	NO	NO	MM
4	200714M1_6	Standard	12.500	2.98	2835.465	2003.151	17.694	14.8	18.2	NO	NO	MM
5	200714M1_7	Standard	12.500	2.97	2559.750	2281.428	14.025	11.7	-6.3	NO	NO	bb
6	200714M1_8	Standard	12.500	2.97	2680.627	2072.809	16.165	13.5	8.0	NO	NO	MM
7	200714M1_9	Standard	12.500	2.97	2376.078	2179.594	13.627	11.4	-9.0	NO	NO	MM
8	200714M1_10	Standard	12.500	2.97	2304.565	2004.690	14.370	12.0	-4.0	NO	NO	MM
9	200714M1_11	Standard	12.500	2.96	2112.199	2098.879	12.579	10.5	-16.0	NO	NO	MM
10	200714M1_12	Standard	12.500	2.96	2000.267	1793.680	13.940	11.6	-6.9	NO	NO	MM

Compound name: 13C2-PFHxA-EIS

Response Factor: 1154.29

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	Sample	Type	IS Conc.	RT	Area	IS Area	Response	Conc.	% Dev	Peak ID	Qual	Code
1	200714M1_3	Standard	12.500	3.07	14401.321	14401.321	12.5	12.5	-0.2	NO	NO	bbX
2	200714M1_4	Standard	12.500	3.05	13555.125	13555.125	11.7	11.7	-6.1	NO	NO	MMX
3	200714M1_5	Standard	12.500	3.05	13139.938	13139.938	11.4	11.4	-8.9	NO	NO	MMX
4	200714M1_6	Standard	12.500	3.06	13791.441	13791.441	11.9	11.9	-4.4	NO	NO	MMX
5	200714M1_7	Standard	12.500	3.05	14461.780	14461.780	12.5	12.5	0.2	NO	NO	MMX
6	200714M1_8	Standard	12.500	3.05	14428.629	14428.629	12.5	12.5	0.0	NO	NO	bb
7	200714M1_9	Standard	12.500	3.05	13530.821	13530.821	11.7	11.7	-6.2	NO	NO	MMX
8	200714M1_10	Standard	12.500	3.05	13652.202	13652.202	11.8	11.8	-5.4	NO	NO	bbX
9	200714M1_11	Standard	12.500	3.05	13651.143	13651.143	11.8	11.8	-5.4	NO	NO	MMX
10	200714M1_12	Standard	12.500	3.05	12707.380	12707.380	11.0	11.0	-11.9	NO	NO	MMX

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Compound name: 13C2-PFHxA-RSD

Response Factor: 0.874888

RRF SD: 0.0371983, Relative SD: 4.25178

Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)

Curve type: RF

Sample	Type	Conc	RT	Area	IS Area	Response	Conc	%Dev	Flag	CU
1 200714M1_3	Standard	12.500	3.07	14401.321	15209.932	11.835	13.5	8.2	NO	bb
2 200714M1_4	Standard	12.500	3.05	13557.860	15838.066	10.700	12.2	-2.2	NO	MM
3 200714M1_5	Standard	12.500	3.05	13139.930	16003.178	10.264	11.7	-6.1	NO	MM
4 200714M1_6	Standard	12.500	3.06	13759.550	15653.435	10.988	12.6	0.5	NO	MM
5 200714M1_7	Standard	12.500	3.05	14499.794	16861.885	10.749	12.3	-1.7	NO	MM
6 200714M1_8	Standard	12.500	3.05	14512.935	16735.422	10.840	12.4	-0.9	NO	bd
7 200714M1_9	Standard	12.500	3.05	13520.475	16092.557	10.502	12.0	-4.0	NO	MM
8 200714M1_10	Standard	12.500	3.05	13652.202	15475.205	11.027	12.6	0.8	NO	bb
9 200714M1_11	Standard	12.500	3.05	13649.618	15653.903	10.900	12.5	-0.3	NO	MM
10 200714M1_12	Standard	12.500	3.05	12681.933	13718.043	11.556	13.2	5.7	NO	MM

Compound name: 13C4-PFHpA-EIS

Response Factor: 686.728

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

Sample	Type	Conc	RT	Area	Response	Conc	%Dev	Flag	CU
1 200714M1_3	Standard	12.500	3.68	8312.272	8312.272	12.1	-3.2	NO	bbX
2 200714M1_4	Standard	12.500	3.67	8373.188	8373.188	12.2	-2.5	NO	bbX
3 200714M1_5	Standard	12.500	3.67	8322.799	8322.799	12.1	-3.0	NO	bbX
4 200714M1_6	Standard	12.500	3.67	7978.203	7978.203	11.6	-7.1	NO	MMX
5 200714M1_7	Standard	12.500	3.67	8664.206	8664.206	12.6	0.9	NO	MMX
6 200714M1_8	Standard	12.500	3.67	8584.102	8584.102	12.5	0.0	NO	MM
7 200714M1_9	Standard	12.500	3.67	8223.753	8223.753	12.0	-4.2	NO	bbX
8 200714M1_10	Standard	12.500	3.67	8013.425	8013.425	11.7	-6.6	NO	MMX
9 200714M1_11	Standard	12.500	3.67	7866.277	7866.277	11.5	-8.4	NO	MMX
10 200714M1_12	Standard	12.500	3.66	7194.641	7194.641	10.5	-16.2	NO	MMX

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Compound name: 13C4-PFHpA-RSD

Response Factor: 0.520386
 RRF SD: 0.0165305, Relative SD: 3.17659
 Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	% Dev	Conc Flag	Std	Conc Flag	Peak
1	200714M1_3	Standard	12.500	3.68	8553.060	15209.932	7.029	13.5	8.1	NO		NO	bb
2	200714M1_4	Standard	12.500	3.67	8373.188	15838.066	6.608	12.7	1.6	NO		NO	bb
3	200714M1_5	Standard	12.500	3.67	8322.799	16003.178	6.501	12.5	-0.1	NO		NO	bb
4	200714M1_6	Standard	12.500	3.67	7974.517	15653.435	6.368	12.2	-2.1	NO		NO	MM
5	200714M1_7	Standard	12.500	3.67	8661.494	16861.885	6.421	12.3	-1.3	NO		NO	MM
6	200714M1_8	Standard	12.500	3.67	8580.926	16735.422	6.409	12.3	-1.5	NO		NO	MM
7	200714M1_9	Standard	12.500	3.67	8223.753	16092.557	6.388	12.3	-1.8	NO		NO	bb
8	200714M1_10	Standard	12.500	3.67	8011.402	15475.205	6.471	12.4	-0.5	NO		NO	MM
9	200714M1_11	Standard	12.500	3.67	7878.438	15653.903	6.291	12.1	-3.3	NO		NO	MM
10	200714M1_12	Standard	12.500	3.66	7200.746	13718.043	6.561	12.6	0.9	NO		NO	MM

Compound name: 13C3-PFHxS-EIS

Response Factor: 319.274
 RRF SD: 0, Relative SD: 0
 Response type: External Std, Area
 Curve type: RF

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	% Dev	Conc Flag	Std	Conc Flag	Peak
1	200714M1_3	Standard	12.500	3.83	3603.342		3603.342	11.3	-9.7	NO		NO	bdX
2	200714M1_4	Standard	12.500	3.82	3701.893		3701.893	11.6	-7.2	NO		NO	bdX
3	200714M1_5	Standard	12.500	3.82	3680.122		3680.122	11.5	-7.8	NO		NO	bbX
4	200714M1_6	Standard	12.500	3.81	3384.709		3384.709	10.6	-15.2	NO		NO	MMX
5	200714M1_7	Standard	12.500	3.81	3516.220		3516.220	11.0	-11.9	NO		NO	MMX
6	200714M1_8	Standard	12.500	3.82	3990.926		3990.926	12.5	0.0	NO		NO	MM
7	200714M1_9	Standard	12.500	3.82	3447.252		3447.252	10.8	-13.6	NO		NO	bbX
8	200714M1_10	Standard	12.500	3.82	3506.330		3506.330	11.0	-12.1	NO		NO	MMX
9	200714M1_11	Standard	12.500	3.81	3537.433		3537.433	11.1	-11.4	NO		NO	MMX
10	200714M1_12	Standard	12.500	3.81	3193.206		3193.206	10.0	-20.0	NO		NO	bbX

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Compound name: 13C3-PFHxS-RSD

Response Factor: 1.76409

RRF SD: 0.155361, Relative SD: 8.80688

Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)

Curve type: RF

Sample	Type	Conc	Area	IS Area	Response	Conc	Area	Conc Flag	Area Flag	RF	
1 200714M1_3	Standard	12.500	3.83	3603.342	1745.180	25.809	14.6	17.0	NO	NO	bd
2 200714M1_4	Standard	12.500	3.82	3701.893	2081.197	22.234	12.6	0.8	NO	NO	bd
3 200714M1_5	Standard	12.500	3.82	3680.122	1995.269	23.055	13.1	4.6	NO	NO	bb
4 200714M1_6	Standard	12.500	3.81	3383.805	2003.151	21.116	12.0	-4.2	NO	NO	MM
5 200714M1_7	Standard	12.500	3.81	3506.015	2281.428	19.210	10.9	-12.9	NO	NO	MM
6 200714M1_8	Standard	12.500	3.82	3980.528	2072.809	24.004	13.6	8.9	NO	NO	MM
7 200714M1_9	Standard	12.500	3.82	3447.252	2179.594	19.770	11.2	-10.3	NO	NO	bb
8 200714M1_10	Standard	12.500	3.82	3506.565	2004.690	21.865	12.4	-0.8	NO	NO	MM
9 200714M1_11	Standard	12.500	3.81	3558.837	2098.879	21.195	12.0	-3.9	NO	NO	MM
10 200714M1_12	Standard	12.500	3.81	3193.206	1793.680	22.253	12.6	0.9	NO	NO	bb

Compound name: 13C2-6:2 FTS-EIS

Response Factor: 189.909

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

Sample	Type	Conc	Area	IS Area	Response	Conc	Area	Conc Flag	Area Flag	RF
1 200714M1_3	Standard	12.500	4.14	2175.639	2175.639	11.5	-8.4	NO	NO	MMX
2 200714M1_4	Standard	12.500	4.13	2238.626	2238.626	11.8	-5.7	NO	NO	MMX
3 200714M1_5	Standard	12.500	4.13	2352.270	2352.270	12.4	-0.9	NO	NO	bdX
4 200714M1_6	Standard	12.500	4.13	2391.619	2391.619	12.6	0.7	NO	NO	MMX
5 200714M1_7	Standard	12.500	4.13	2233.630	2233.630	11.8	-5.9	NO	NO	bbX
6 200714M1_8	Standard	12.500	4.13	2373.864	2373.864	12.5	0.0	NO	NO	bb
7 200714M1_9	Standard	12.500	4.13	1942.279	1942.279	10.2	-18.2	NO	NO	MMX
8 200714M1_10	Standard	12.500	4.13	2150.064	2150.064	11.3	-9.4	NO	NO	bbX
9 200714M1_11	Standard	12.500	4.12	2097.132	2097.132	11.0	-11.7	NO	NO	MMX
10 200714M1_12	Standard	12.500	4.12	1897.495	1897.495	10.0	-20.1	NO	NO	MMX

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Compound name: 13C2-6:2 FTS-RSD

Response Factor: 0.542748

RRF SD: 0.0333787, Relative SD: 6.14994

Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)

Curve type: RF

Peak	Sample	Standard	IS Conc.	IS Area	Area	Response	Conc.	Dev.	Comp.	Flg.		
1	200714M1_3	Standard	12.500	4.14	2178.633	4025.025	6.766	12.5	-0.3	NO	NO	MM
2	200714M1_4	Standard	12.500	4.13	2236.724	3913.630	7.144	13.2	5.3	NO	NO	MM
3	200714M1_5	Standard	12.500	4.13	2352.270	3941.901	7.459	13.7	9.9	NO	NO	bd
4	200714M1_6	Standard	12.500	4.13	2399.650	4291.203	6.990	12.9	3.0	NO	NO	MM
5	200714M1_7	Standard	12.500	4.13	2233.630	4435.660	6.295	11.6	-7.2	NO	NO	bb
6	200714M1_8	Standard	12.500	4.13	2373.864	4524.652	6.558	12.1	-3.3	NO	NO	bb
7	200714M1_9	Standard	12.500	4.13	1945.230	3898.886	6.236	11.5	-8.1	NO	NO	MM
8	200714M1_10	Standard	12.500	4.13	2150.064	4108.686	6.541	12.1	-3.6	NO	NO	bb
9	200714M1_11	Standard	12.500	4.12	2096.824	3600.637	7.279	13.4	7.3	NO	NO	MM
10	200714M1_12	Standard	12.500	4.12	1897.684	3607.937	6.575	12.1	-3.1	NO	NO	MM

Compound name: 13C5-PFNA-EIS

Response Factor: 1417.98

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

Peak	Sample	Standard	IS Conc.	IS Area	Area	Response	Conc.	Dev.	Comp.	Flg.	
1	200714M1_3	Standard	12.500	4.63	16850.670	16850.670	11.9	-4.9	NO	NO	bbX
2	200714M1_4	Standard	12.500	4.62	15425.141	15425.141	10.9	-13.0	NO	NO	bbX
3	200714M1_5	Standard	12.500	4.63	15994.863	15994.863	11.3	-9.8	NO	NO	bbX
4	200714M1_6	Standard	12.500	4.62	16162.178	16162.178	11.4	-8.8	NO	NO	bbX
5	200714M1_7	Standard	12.500	4.62	16644.262	16644.262	11.7	-6.1	NO	NO	bbX
6	200714M1_8	Standard	12.500	4.63	17724.799	17724.799	12.5	0.0	NO	NO	MM
7	200714M1_9	Standard	12.500	4.62	15591.793	15591.793	11.0	-12.0	NO	NO	bbX
8	200714M1_10	Standard	12.500	4.62	16016.228	16016.228	11.3	-9.6	NO	NO	bdX
9	200714M1_11	Standard	12.500	4.62	14369.805	14369.805	10.1	-18.9	NO	NO	MMX
10	200714M1_12	Standard	12.500	4.62	13306.186	13306.186	9.4	-24.9	NO	NO	bbX

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Compound name: 13C5-PFNA-RSD

Response Factor: 0.932756

RRF SD: 0.0501251, Relative SD: 5.37387

Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)

Curve type: RF

Peak	Sample	Type	IS Conc	RF	Area	IS Area	RRF	Comp	Adj	Comp	Flag	Out
1	200714M1_3	Standard	12.500	4.63	16850.670	16117.922	13.068	14.0	12.1	NO	NO	bb
2	200714M1_4	Standard	12.500	4.62	15425.141	16864.814	11.433	12.3	-1.9	NO	NO	bb
3	200714M1_5	Standard	12.500	4.63	15994.863	17471.799	11.443	12.3	-1.9	NO	NO	bb
4	200714M1_6	Standard	12.500	4.62	16162.178	17810.285	11.343	12.2	-2.7	NO	NO	bb
5	200714M1_7	Standard	12.500	4.62	16644.262	19237.209	10.815	11.6	-7.2	NO	NO	bb
6	200714M1_8	Standard	12.500	4.63	17724.359	18221.951	12.159	13.0	4.3	NO	NO	MM
7	200714M1_9	Standard	12.500	4.62	15591.793	16414.910	11.873	12.7	1.8	NO	NO	bb
8	200714M1_10	Standard	12.500	4.62	16008.404	17646.348	11.340	12.2	-2.7	NO	NO	MM
9	200714M1_11	Standard	12.500	4.62	14380.024	16009.469	11.228	12.0	-3.7	NO	NO	MM
10	200714M1_12	Standard	12.500	4.62	13306.186	13986.255	11.892	12.7	2.0	NO	NO	bb

Compound name: 13C8-PFOSA-EIS

Response Factor: 521.128

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

Peak	Sample	Type	IS Conc	RF	Area	IS Area	RRF	Comp	Adj	Comp	Flag	Out
1	200714M1_3	Standard	12.500	4.68	6578.292	6578.292	12.6	1.0	NO	NO	bbX	
2	200714M1_4	Standard	12.500	4.67	6157.467	6157.467	11.8	-5.5	NO	NO	bbX	
3	200714M1_5	Standard	12.500	4.67	5862.965	5862.965	11.3	-10.0	NO	NO	bbX	
4	200714M1_6	Standard	12.500	4.67	5934.599	5934.599	11.4	-8.9	NO	NO	bbX	
5	200714M1_7	Standard	12.500	4.67	6683.184	6683.184	12.8	2.6	NO	NO	MMX	
6	200714M1_8	Standard	12.500	4.67	6514.104	6514.104	12.5	0.0	NO	NO	MM	
7	200714M1_9	Standard	12.500	4.67	6123.517	6123.517	11.8	-6.0	NO	NO	bbX	
8	200714M1_10	Standard	12.500	4.67	6254.037	6254.037	12.0	-4.0	NO	NO	MMX	
9	200714M1_11	Standard	12.500	4.67	5196.956	5196.956	10.0	-20.2	NO	NO	MMX	
10	200714M1_12	Standard	12.500	4.67	5558.474	5558.474	10.7	-14.7	NO	NO	MMX	

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Compound name: 13C8-PFOSA-RSD

Response Factor: 0.241319
 RRF SD: 0.0158506, Relative SD: 6.5683
 Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
 Curve type: RF

Peak	Sample	Type	Std Conc	RF	Area	IS Area	Response	Conc	IS Conc	IS Area	IS Area	IS Area	IS Area	IS Area
1	200714M1_3	Standard	12.500	4.68	6578.292	27549.652	2.985	12.4	-1.1	NO	NO	bb		
2	200714M1_4	Standard	12.500	4.67	6157.467	26150.707	2.943	12.2	-2.4	NO	NO	bb		
3	200714M1_5	Standard	12.500	4.67	5862.965	25894.262	2.830	11.7	-6.2	NO	NO	bb		
4	200714M1_6	Standard	12.500	4.67	5934.599	23011.564	3.224	13.4	6.9	NO	NO	bb		
5	200714M1_7	Standard	12.500	4.67	6681.762	27359.916	3.053	12.7	1.2	NO	NO	MM		
6	200714M1_8	Standard	12.500	4.67	6513.580	28266.154	2.880	11.9	-4.5	NO	NO	MM		
7	200714M1_9	Standard	12.500	4.67	6123.517	24106.254	3.175	13.2	5.3	NO	NO	bb		
8	200714M1_10	Standard	12.500	4.67	6257.376	26399.508	2.963	12.3	-1.8	NO	NO	MM		
9	200714M1_11	Standard	12.500	4.67	5195.395	23828.053	2.725	11.3	-9.6	NO	NO	MM		
10	200714M1_12	Standard	12.500	4.67	5597.309	20662.023	3.386	14.0	12.3	NO	NO	MM		

Compound name: 13C2-PFOA-EIS

Response Factor: 1394.72
 RRF SD: 0, Relative SD: 0
 Response type: External Std, Area
 Curve type: RF

Peak	Sample	Type	Std Conc	RF	Area	IS Area	Response	Conc	IS Conc	IS Area	IS Area	IS Area	IS Area
1	200714M1_3	Standard	12.500	4.19	16917.770	16917.770	12.1	-3.0	NO	NO	bbX		
2	200714M1_4	Standard	12.500	4.19	16808.074	16808.074	12.1	-3.6	NO	NO	bbX		
3	200714M1_5	Standard	12.500	4.19	16590.518	16590.518	11.9	-4.8	NO	NO	bbX		
4	200714M1_6	Standard	12.500	4.18	16958.545	16958.545	12.2	-2.7	NO	NO	bbX		
5	200714M1_7	Standard	12.500	4.18	17078.789	17078.789	12.2	-2.0	NO	NO	MMX		
6	200714M1_8	Standard	12.500	4.19	17433.994	17433.994	12.5	0.0	NO	NO	MM		
7	200714M1_9	Standard	12.500	4.18	15431.021	15431.021	11.1	-11.5	NO	NO	MMX		
8	200714M1_10	Standard	12.500	4.18	16531.629	16531.629	11.9	-5.2	NO	NO	bbX		
9	200714M1_11	Standard	12.500	4.18	15111.304	15111.304	10.8	-13.3	NO	NO	MMX		
10	200714M1_12	Standard	12.500	4.18	13743.616	13743.616	9.9	-21.2	NO	NO	MMX		

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Compound name: 13C2-PFOA-RSD

Response Factor: 0.683316

RRF SD: 0.0270718, Relative SD: 3.96182

Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)

Curve type: RF

Peak	Retention Time	Area	Height	Width	Area Ratio	Height Ratio	Width Ratio	Area Ratio	Height Ratio	Width Ratio	Area Ratio	Height Ratio	Width Ratio	Area Ratio	Height Ratio	Width Ratio
1	200714M1_3	Standard	12.500	4.19	16917.770	23259.205	9.092	13.3	6.4	NO	NO	bb				
2	200714M1_4	Standard	12.500	4.19	16808.074	26316.832	7.984	11.7	-6.5	NO	NO	bb				
3	200714M1_5	Standard	12.500	4.19	16590.518	23654.121	8.767	12.8	2.6	NO	NO	bb				
4	200714M1_6	Standard	12.500	4.18	16958.545	25053.836	8.461	12.4	-0.9	NO	NO	bb				
5	200714M1_7	Standard	12.500	4.18	17075.303	24614.545	8.671	12.7	1.5	NO	NO	MM				
6	200714M1_8	Standard	12.500	4.19	17348.676	25424.986	8.529	12.5	-0.1	NO	NO	MM				
7	200714M1_9	Standard	12.500	4.18	15449.603	24070.348	8.023	11.7	-6.1	NO	NO	MM				
8	200714M1_10	Standard	12.500	4.18	16531.629	24455.654	8.450	12.4	-1.1	NO	NO	bb				
9	200714M1_11	Standard	12.500	4.18	15106.344	21737.660	8.687	12.7	1.7	NO	NO	MM				
10	200714M1_12	Standard	12.500	4.18	13734.048	19619.289	8.750	12.8	2.4	NO	NO	MM				

Compound name: 13C8-PFOS-EIS

Response Factor: 361.054

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

Peak	Retention Time	Area	Height	Width	Area Ratio	Height Ratio	Width Ratio	Area Ratio	Height Ratio	Width Ratio	Area Ratio	Height Ratio	Width Ratio	Area Ratio	Height Ratio	Width Ratio
1	200714M1_3	Standard	12.500	4.71	3872.767	3872.767	10.7	-14.2	NO	NO	MMX					
2	200714M1_4	Standard	12.500	4.71	4129.702	4129.702	11.4	-8.5	NO	NO	bbX					
3	200714M1_5	Standard	12.500	4.71	4145.868	4145.868	11.5	-8.1	NO	NO	bbX					
4	200714M1_6	Standard	12.500	4.70	3935.700	3935.700	10.9	-12.8	NO	NO	MMX					
5	200714M1_7	Standard	12.500	4.71	4252.208	4252.208	11.8	-5.8	NO	NO	bbX					
6	200714M1_8	Standard	12.500	4.71	4513.172	4513.172	12.5	0.0	NO	NO	MM					
7	200714M1_9	Standard	12.500	4.71	3971.815	3971.815	11.0	-12.0	NO	NO	bbX					
8	200714M1_10	Standard	12.500	4.71	4219.949	4219.949	11.7	-6.5	NO	NO	bbX					
9	200714M1_11	Standard	12.500	4.70	3945.386	3945.386	10.9	-12.6	NO	NO	bbX					
10	200714M1_12	Standard	12.500	4.70	3435.482	3435.482	9.5	-23.9	NO	NO	bbX					

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Compound name: 13C8-PFOS-RSD

Response Factor: 1.00261

RRF SD: 0.0563495, Relative SD: 5.6203

Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)

Curve type: RF

Peak	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	IS Flag	IS Conc
1	200714M1_3	Standard	12.500	4.71	3872.015	4025.025	12.025	12.0	-4.1	NO		NO	MM
2	200714M1_4	Standard	12.500	4.71	4129.702	3913.630	13.190	13.2	5.2	NO		NO	bb
3	200714M1_5	Standard	12.500	4.71	4145.868	3941.901	13.147	13.1	4.9	NO		NO	bb
4	200714M1_6	Standard	12.500	4.70	3929.382	4291.203	11.446	11.4	-8.7	NO		NO	MM
5	200714M1_7	Standard	12.500	4.71	4252.208	4435.660	11.983	12.0	-4.4	NO		NO	bb
6	200714M1_8	Standard	12.500	4.71	4475.193	4524.652	12.363	12.3	-1.4	NO		NO	MM
7	200714M1_9	Standard	12.500	4.71	3971.815	3898.886	12.734	12.7	1.6	NO		NO	bb
8	200714M1_10	Standard	12.500	4.71	4219.949	4108.686	12.838	12.8	2.4	NO		NO	bb
9	200714M1_11	Standard	12.500	4.70	3945.386	3600.637	13.697	13.7	9.3	NO		NO	bb
10	200714M1_12	Standard	12.500	4.70	3435.482	3607.937	11.903	11.9	-5.0	NO		NO	bb

Compound name: 13C2-PFDA-EIS

Response Factor: 1350.07

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

Peak	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	IS Flag	IS Conc
1	200714M1_3	Standard	12.500	5.01	16584.525		16584.525	12.3	-1.7	NO		NO	bbX
2	200714M1_4	Standard	12.500	5.00	16551.223		16551.223	12.3	-1.9	NO		NO	bbX
3	200714M1_5	Standard	12.500	5.00	15251.222		15251.222	11.3	-9.6	NO		NO	bdX
4	200714M1_6	Standard	12.500	5.00	16127.962		16127.962	11.9	-4.4	NO		NO	MMX
5	200714M1_7	Standard	12.500	5.00	17082.514		17082.514	12.7	1.2	NO		NO	MMX
6	200714M1_8	Standard	12.500	5.00	16875.867		16875.867	12.5	0.0	NO		NO	bb
7	200714M1_9	Standard	12.500	5.00	15278.743		15278.743	11.3	-9.5	NO		NO	MMX
8	200714M1_10	Standard	12.500	5.00	15701.982		15701.982	11.6	-7.0	NO		NO	MMX
9	200714M1_11	Standard	12.500	5.00	15488.965		15488.965	11.5	-8.2	NO		NO	MMX
10	200714M1_12	Standard	12.500	4.99	14636.690		14636.690	10.8	-13.3	NO		NO	MMX

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Compound name: 13C2-PFDA-RSD

Response Factor: 0.80083
 RRF SD: 0.0435743, Relative SD: 5.44115
 Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)
 Curve type: RF

Peak	Sample	Type	Std Conc	RF	Area	IS Area	Response	Conc	%Dev	Comp Flag	GoD	GoD Flag	Integr
1	200714M1_3	Standard	12.500	5.01	16584.525	20060.865	10.334	12.9	3.2	NO		NO	bb
2	200714M1_4	Standard	12.500	5.00	16551.223	20449.191	10.117	12.6	1.1	NO		NO	bb
3	200714M1_5	Standard	12.500	5.00	15251.222	21414.059	8.903	11.1	-11.1	NO		NO	bd
4	200714M1_6	Standard	12.500	5.00	16142.040	20898.156	9.655	12.1	-3.5	NO		NO	MM
5	200714M1_7	Standard	12.500	5.00	17081.314	21863.621	9.766	12.2	-2.4	NO		NO	MM
6	200714M1_8	Standard	12.500	5.00	16875.867	21614.633	9.760	12.2	-2.5	NO		NO	bb
7	200714M1_9	Standard	12.500	5.00	15278.964	19343.250	9.874	12.3	-1.4	NO		NO	MM
8	200714M1_10	Standard	12.500	5.00	15715.661	19042.045	10.316	12.9	3.1	NO		NO	MM
9	200714M1_11	Standard	12.500	5.00	15500.558	18375.990	10.544	13.2	5.3	NO		NO	MM
10	200714M1_12	Standard	12.500	4.99	14640.147	16889.211	10.835	13.5	8.2	NO		NO	MM

Compound name: 13C2-8:2 FTS-EIS

Response Factor: 187.158
 RRF SD: 0, Relative SD: 0
 Response type: External Std, Area
 Curve type: RF

Peak	Sample	Type	Std Conc	RF	Area	IS Area	Response	Conc	%Dev	Comp Flag	GoD	GoD Flag	Integr
1	200714M1_3	Standard	12.500	4.98	2373.602		2373.602	12.7	1.5	NO		NO	bbX
2	200714M1_4	Standard	12.500	4.97	2459.960		2459.960	13.1	5.2	NO		NO	MMX
3	200714M1_5	Standard	12.500	4.97	2322.965		2322.965	12.4	-0.7	NO		NO	MMX
4	200714M1_6	Standard	12.500	4.97	2450.440		2450.440	13.1	4.7	NO		NO	MMX
5	200714M1_7	Standard	12.500	4.97	2479.588		2479.588	13.2	6.0	NO		NO	bbX
6	200714M1_8	Standard	12.500	4.97	2339.469		2339.469	12.5	0.0	NO		NO	MM
7	200714M1_9	Standard	12.500	4.97	2321.619		2321.619	12.4	-0.8	NO		NO	MMX
8	200714M1_10	Standard	12.500	4.97	2169.737		2169.737	11.6	-7.3	NO		NO	MMX
9	200714M1_11	Standard	12.500	4.96	2280.753		2280.753	12.2	-2.5	NO		NO	bbX
10	200714M1_12	Standard	12.500	4.96	2313.728		2313.728	12.4	-1.1	NO		NO	MMX

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Compound name: 13C2-8:2 FTS-RSD

Response Factor: 0.586127
 RRF SD: 0.0415913, Relative SD: 7.09596
 Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
 Curve type: RF

Peak	Sample	Standard	IS	Area	IS	Conc	IS	Conc	IS	Conc	IS	Conc	IS	Conc
1	200714M1_3	Standard	12.500	4.98	2373.602	4025.025	7.371	12.6	0.6	NO	NO	bb		
2	200714M1_4	Standard	12.500	4.97	2462.694	3913.630	7.866	13.4	7.4	NO	NO	MM		
3	200714M1_5	Standard	12.500	4.97	2320.378	3941.901	7.358	12.6	0.4	NO	NO	MM		
4	200714M1_6	Standard	12.500	4.97	2456.206	4291.203	7.155	12.2	-2.3	NO	NO	MM		
5	200714M1_7	Standard	12.500	4.97	2479.588	4435.660	6.988	11.9	-4.6	NO	NO	bb		
6	200714M1_8	Standard	12.500	4.97	2368.575	4524.652	6.544	11.2	-10.7	NO	NO	MM		
7	200714M1_9	Standard	12.500	4.97	2323.846	3898.886	7.450	12.7	1.7	NO	NO	MM		
8	200714M1_10	Standard	12.500	4.97	2167.941	4108.686	6.596	11.3	-10.0	NO	NO	MM		
9	200714M1_11	Standard	12.500	4.96	2280.753	3600.637	7.918	13.5	8.1	NO	NO	bb		
10	200714M1_12	Standard	12.500	4.96	2315.101	3607.937	8.021	13.7	9.5	NO	NO	MM		

Compound name: d3-N-MeFOSAA-EIS

Response Factor: 1024.45
 RRF SD: 0, Relative SD: 0
 Response type: External Std, Area
 Curve type: RF

Peak	Sample	Standard	IS	Area	IS	Conc	IS	Conc	IS	Conc	IS	Conc
1	200714M1_3	Standard	12.500	5.16	12749.966	12749.966	12.4	-0.4	NO	NO	bbX	
2	200714M1_4	Standard	12.500	5.15	13181.073	13181.073	12.9	2.9	NO	NO	MMX	
3	200714M1_5	Standard	12.500	5.15	12533.542	12533.542	12.2	-2.1	NO	NO	MMX	
4	200714M1_6	Standard	12.500	5.15	13064.995	13064.995	12.8	2.0	NO	NO	MMX	
5	200714M1_7	Standard	12.500	5.15	13391.169	13391.169	13.1	4.6	NO	NO	MMX	
6	200714M1_8	Standard	12.500	5.15	12805.601	12805.601	12.5	0.0	NO	NO	MM	
7	200714M1_9	Standard	12.500	5.15	12185.622	12185.622	11.9	-4.8	NO	NO	MMX	
8	200714M1_10	Standard	12.500	5.15	12076.561	12076.561	11.8	-5.7	NO	NO	MMX	
9	200714M1_11	Standard	12.500	5.14	12262.323	12262.323	12.0	-4.2	NO	NO	MMX	
10	200714M1_12	Standard	12.500	5.14	11558.793	11558.793	11.3	-9.7	NO	NO	MMX	

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Compound name: d3-N-MeFOSAA-RSD

Response Factor: 0.500139
 RRF SD: 0.0399566, Relative SD: 7.9891
 Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
 Curve type: RF

Peak #	Name	Type	IS Conc	RRF	Area	IS Area	Response	Conc	% Dev	Conc Flag	IS Conc	Conc Flag
1	200714M1_3	Standard	12.500	5.16	12749.966	27549.652	5.785	11.6	-7.5	NO		NO
2	200714M1_4	Standard	12.500	5.15	13163.438	26150.707	6.292	12.6	0.6	NO		NO
3	200714M1_5	Standard	12.500	5.15	12544.958	25894.262	6.056	12.1	-3.1	NO		NO
4	200714M1_6	Standard	12.500	5.15	13065.113	23011.564	7.097	14.2	13.5	NO		NO
5	200714M1_7	Standard	12.500	5.15	13395.890	27359.916	6.120	12.2	-2.1	NO		NO
6	200714M1_8	Standard	12.500	5.15	12824.072	28266.154	5.671	11.3	-9.3	NO		NO
7	200714M1_9	Standard	12.500	5.15	12182.459	24106.254	6.317	12.6	1.0	NO		NO
8	200714M1_10	Standard	12.500	5.15	12077.711	26399.508	5.719	11.4	-8.5	NO		NO
9	200714M1_11	Standard	12.500	5.14	12269.784	23828.053	6.437	12.9	3.0	NO		NO
10	200714M1_12	Standard	12.500	5.14	11609.744	20662.023	7.024	14.0	12.3	NO		NO

Compound name: 13C2-PFUDa-EIS

Response Factor: 1994.36
 RRF SD: 0, Relative SD: 0
 Response type: External Std, Area
 Curve type: RF

Peak #	Name	Type	IS Conc	RRF	Area	IS Area	Response	Conc	% Dev	Conc Flag	IS Conc	Conc Flag
1	200714M1_3	Standard	12.500	5.34	23473.732	23473.732	11.8	-5.8	NO		NO	bbX
2	200714M1_4	Standard	12.500	5.33	24846.895	24846.895	12.5	-0.3	NO		NO	bbX
3	200714M1_5	Standard	12.500	5.33	23812.502	23812.502	11.9	-4.5	NO		NO	MMX
4	200714M1_6	Standard	12.500	5.32	22990.896	22990.896	11.5	-7.8	NO		NO	MMX
5	200714M1_7	Standard	12.500	5.33	26130.531	26130.531	13.1	4.8	NO		NO	bdX
6	200714M1_8	Standard	12.500	5.33	24929.555	24929.555	12.5	0.0	NO		NO	MM
7	200714M1_9	Standard	12.500	5.33	22921.271	22921.271	11.5	-8.1	NO		NO	MMX
8	200714M1_10	Standard	12.500	5.33	23668.957	23668.957	11.9	-5.1	NO		NO	MMX
9	200714M1_11	Standard	12.500	5.32	21726.574	21726.574	10.9	-12.8	NO		NO	bbX
10	200714M1_12	Standard	12.500	5.32	18799.791	18799.791	9.4	-24.6	NO		NO	MMX

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Compound name: 13C2-PFUDa-RSD

Response Factor: 0.922599

RRF SD: 0.0421383, Relative SD: 4.56735

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

PK	Sample	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Comp Flag	CoD	Do
1	200714M1_3	Standard	12.500	5.34	23432.396	27549.652	10.632	11.5	-7.8	NO		bd
2	200714M1_4	Standard	12.500	5.33	24846.895	26150.707	11.877	12.9	3.0	NO		bb
3	200714M1_5	Standard	12.500	5.33	23733.998	25894.262	11.457	12.4	-0.7	NO		MM
4	200714M1_6	Standard	12.500	5.32	22976.637	23011.564	12.481	13.5	8.2	NO		MM
5	200714M1_7	Standard	12.500	5.33	26130.531	27359.916	11.938	12.9	3.5	NO		bd
6	200714M1_8	Standard	12.500	5.33	24930.533	28266.154	11.025	11.9	-4.4	NO		MM
7	200714M1_9	Standard	12.500	5.33	22872.180	24106.254	11.860	12.9	2.8	NO		MM
8	200714M1_10	Standard	12.500	5.33	23662.803	26399.508	11.204	12.1	-2.8	NO		MM
9	200714M1_11	Standard	12.500	5.32	21726.574	23828.053	11.398	12.4	-1.2	NO		bb
10	200714M1_12	Standard	12.500	5.32	18931.219	20662.023	11.453	12.4	-0.7	NO		MM

Compound name: d5-N-EtFOSAA-EIS

Response Factor: 964.22

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

PK	Sample	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Comp Flag	CoD	Do
1	200714M1_3	Standard	12.500	5.32	11464.519		11464.519	11.9	-4.9	NO		bbX
2	200714M1_4	Standard	12.500	5.31	11271.978		11271.978	11.7	-6.5	NO		bbX
3	200714M1_5	Standard	12.500	5.31	11665.944		11665.944	12.1	-3.2	NO		bbX
4	200714M1_6	Standard	12.500	5.31	11559.660		11559.660	12.0	-4.1	NO		bbX
5	200714M1_7	Standard	12.500	5.31	12323.457		12323.457	12.8	2.2	NO		bbX
6	200714M1_8	Standard	12.500	5.31	12052.755		12052.755	12.5	0.0	NO		MM
7	200714M1_9	Standard	12.500	5.31	11403.832		11403.832	11.8	-5.4	NO		MMX
8	200714M1_10	Standard	12.500	5.31	10936.157		10936.157	11.3	-9.3	NO		MMX
9	200714M1_11	Standard	12.500	5.30	10287.323		10287.323	10.7	-14.6	NO		bbX
10	200714M1_12	Standard	12.500	5.30	9822.442		9822.442	10.2	-18.5	NO		MMX

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Compound name: d5-N-EtFOSAA-RSD

Response Factor: 0.447246
 RRF SD: 0.0288092, Relative SD: 6.44147
 Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
 Curve type: RF

Peak	Sample	Conc	RT	Area	IS Area	Response	Conc	IS Dev	Conc Flag	IS Flag	Conc	IS
1	200714M1_3	Standard	12.500	5.32	11464.519	27549.652	5.202	11.6	-7.0	NO	NO	bb
2	200714M1_4	Standard	12.500	5.31	11271.978	26150.707	5.388	12.0	-3.6	NO	NO	bb
3	200714M1_5	Standard	12.500	5.31	11665.944	25894.262	5.632	12.6	0.7	NO	NO	bb
4	200714M1_6	Standard	12.500	5.31	11559.660	23011.564	6.279	14.0	12.3	NO	NO	bb
5	200714M1_7	Standard	12.500	5.31	12323.457	27359.916	5.630	12.6	0.7	NO	NO	bb
6	200714M1_8	Standard	12.500	5.31	12050.285	28266.154	5.329	11.9	-4.7	NO	NO	MM
7	200714M1_9	Standard	12.500	5.31	11403.247	24106.254	5.913	13.2	5.8	NO	NO	MM
8	200714M1_10	Standard	12.500	5.31	10960.670	26399.508	5.190	11.6	-7.2	NO	NO	MM
9	200714M1_11	Standard	12.500	5.30	10287.323	23828.053	5.397	12.1	-3.5	NO	NO	bb
10	200714M1_12	Standard	12.500	5.30	9829.449	20662.023	5.947	13.3	6.4	NO	NO	MM

Compound name: 13C2-PFDoA-EIS

Response Factor: 2212.38
 RRF SD: 0, Relative SD: 0
 Response type: External Std, Area
 Curve type: RF

Peak	Sample	Conc	RT	Area	Response	Conc	IS Dev	Conc Flag	IS Flag	Conc	IS
1	200714M1_3	Standard	12.500	5.62	27961.152	27961.152	12.6	1.1	NO	NO	MMX
2	200714M1_4	Standard	12.500	5.62	26979.160	26979.160	12.2	-2.4	NO	NO	bbX
3	200714M1_5	Standard	12.500	5.62	27847.480	27847.480	12.6	0.7	NO	NO	MMX
4	200714M1_6	Standard	12.500	5.61	29214.402	29214.402	13.2	5.6	NO	NO	bbX
5	200714M1_7	Standard	12.500	5.61	31592.418	31592.418	14.3	14.2	NO	NO	MMX
6	200714M1_8	Standard	12.500	5.62	27654.746	27654.746	12.5	0.0	NO	NO	MM
7	200714M1_9	Standard	12.500	5.61	27687.736	27687.736	12.5	0.1	NO	NO	MMX
8	200714M1_10	Standard	12.500	5.61	27507.436	27507.436	12.4	-0.5	NO	NO	MMX
9	200714M1_11	Standard	12.500	5.61	25182.369	25182.369	11.4	-8.9	NO	NO	MMX
10	200714M1_12	Standard	12.500	5.61	22728.314	22728.314	10.3	-17.8	NO	NO	MMX

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Compound name: 13C2-PFDoA-RSD

Response Factor: 1.37372

RRF SD: 0.0598777, Relative SD: 4.3588

Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)

Curve type: RF

Peak #	Name	Type	Std. Conc.	RRF	Area	IS Area	Response	Conc.	%Dev	Comp. Flag	CoD	IS Conc.	IS Area
1	200714M1_3	Standard	12.500	5.62	28277.430	20060.865	17.620	12.8	2.6	NO		NO	bb
2	200714M1_4	Standard	12.500	5.62	26979.160	20449.191	16.492	12.0	-4.0	NO		NO	bb
3	200714M1_5	Standard	12.500	5.62	27888.115	21414.059	16.279	11.9	-5.2	NO		NO	MM
4	200714M1_6	Standard	12.500	5.61	29214.402	20898.156	17.474	12.7	1.8	NO		NO	bb
5	200714M1_7	Standard	12.500	5.61	31595.395	21863.621	18.064	13.1	5.2	NO		NO	MM
6	200714M1_8	Standard	12.500	5.62	27646.736	21614.633	15.988	11.6	-6.9	NO		NO	MM
7	200714M1_9	Standard	12.500	5.61	27687.303	19343.250	17.892	13.0	4.2	NO		NO	MM
8	200714M1_10	Standard	12.500	5.61	27376.287	19042.045	17.971	13.1	4.7	NO		NO	MM
9	200714M1_11	Standard	12.500	5.61	25182.848	18375.990	17.130	12.5	-0.2	NO		NO	MM
10	200714M1_12	Standard	12.500	5.61	22705.555	16889.211	16.805	12.2	-2.1	NO		NO	MM

Compound name: 13C2-10:2 FTS-EIS

Response Factor: 151.141

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

Peak #	Name	Type	Std. Conc.	RRF	Area	IS Area	Response	Conc.	%Dev	Comp. Flag	CoD	IS Conc.	IS Area
1	200714M1_3	Standard	12.500	5.61	2060.834		2060.834	13.6	9.1	NO		NO	bbX
2	200714M1_4	Standard	12.500	5.60	1853.805		1853.805	12.3	-1.9	NO		NO	MMX
3	200714M1_5	Standard	12.500	5.60	1906.258		1906.258	12.6	0.9	NO		NO	MMX
4	200714M1_6	Standard	12.500	5.60	1854.338		1854.338	12.3	-1.8	NO		NO	MMX
5	200714M1_7	Standard	12.500	5.60	1823.428		1823.428	12.1	-3.5	NO		NO	MMX
6	200714M1_8	Standard	12.500	5.60	1889.260		1889.260	12.5	0.0	NO		NO	MM
7	200714M1_9	Standard	12.500	5.60	1552.419		1552.419	10.3	-17.8	NO		NO	MMX
8	200714M1_10	Standard	12.500	5.60	1594.796		1594.796	10.6	-15.6	NO		NO	MMX
9	200714M1_11	Standard	12.500	5.59	1444.621		1444.621	9.6	-23.5	NO		NO	MMX
10	200714M1_12	Standard	12.500	5.59	1401.567		1401.567	9.3	-25.8	NO		NO	MMX

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Compound name: 13C2-10:2 FTS-RSD

Response Factor: 0.431099

RRF SD: 0.044128, Relative SD: 10.2362

Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)

Curve type: RF

Peak	Name	Standard	Area	Area	Area	Area	Area	Area	Area	Area	Area	Area	Area
1	200714M1_3	Standard	12.500	5.61	2060.834	4025.025	6.400	14.8	18.8	NO	NO	bb	
2	200714M1_4	Standard	12.500	5.60	1865.138	3913.630	5.957	13.8	10.5	NO	NO	MM	
3	200714M1_5	Standard	12.500	5.60	1907.996	3941.901	6.050	14.0	12.3	NO	NO	MM	
4	200714M1_6	Standard	12.500	5.60	1852.701	4291.203	5.397	12.5	0.1	NO	NO	MM	
5	200714M1_7	Standard	12.500	5.60	1826.628	4435.660	5.148	11.9	-4.5	NO	NO	MM	
6	200714M1_8	Standard	12.500	5.60	1889.768	4524.652	5.221	12.1	-3.1	NO	NO	MM	
7	200714M1_9	Standard	12.500	5.60	1554.477	3898.886	4.984	11.6	-7.5	NO	NO	MM	
8	200714M1_10	Standard	12.500	5.60	1595.038	4108.686	4.853	11.3	-9.9	NO	NO	MM	
9	200714M1_11	Standard	12.500	5.59	1445.532	3600.637	5.018	11.6	-6.9	NO	NO	MM	
10	200714M1_12	Standard	12.500	5.59	1402.757	3607.937	4.860	11.3	-9.8	NO	NO	MM	

Compound name: d3-N-MeFOSA-EIS

Response Factor: 139.836

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

Peak	Name	Standard	Area	Area	Area	Area	Area	Area	Area	Area	Area	Area	Area
1	200714M1_3	Standard	149.200	5.66	19782.893	19782.893	141.5	-5.2	NO	NO	bbX		
2	200714M1_4	Standard	149.200	5.65	19874.738	19874.738	142.1	-4.7	NO	NO	bbX		
3	200714M1_5	Standard	149.200	5.65	19034.811	19034.811	136.1	-8.8	NO	NO	MMX		
4	200714M1_6	Standard	149.200	5.64	20258.713	20258.713	144.9	-2.9	NO	NO	MMX		
5	200714M1_7	Standard	149.200	5.64	20455.109	20455.109	146.3	-2.0	NO	NO	bbX		
6	200714M1_8	Standard	149.200	5.65	20863.533	20863.533	149.2	0.0	NO	NO	MM		
7	200714M1_9	Standard	149.200	5.64	20008.807	20008.807	143.1	-4.1	NO	NO	MMX		
8	200714M1_10	Standard	149.200	5.64	20465.270	20465.270	146.4	-1.9	NO	NO	MMX		
9	200714M1_11	Standard	149.200	5.64	20580.441	20580.441	147.2	-1.4	NO	NO	MMX		
10	200714M1_12	Standard	149.200	5.64	20183.967	20183.967	144.3	-3.3	NO	NO	MMX		

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Compound name: d3-N-MeFOSA-RSD

Response Factor: 0.067178

RRF SD: 0.00696545, Relative SD: 10.3687

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

1	200714M1_3	Standard	149.200	5.66	19782.893	27549.652	8.976	133.6	-10.4	NO	NO	bb
2	200714M1_4	Standard	149.200	5.65	19874.738	26150.707	9.500	141.4	-5.2	NO	NO	bb
3	200714M1_5	Standard	149.200	5.65	19018.006	25894.262	9.181	136.7	-8.4	NO	NO	MM
4	200714M1_6	Standard	149.200	5.64	20279.527	23011.564	11.016	164.0	9.9	NO	NO	MM
5	200714M1_7	Standard	149.200	5.64	20455.109	27359.916	9.345	139.1	-6.8	NO	NO	bb
6	200714M1_8	Standard	149.200	5.65	20868.127	28266.154	9.228	137.4	-7.9	NO	NO	MM
7	200714M1_9	Standard	149.200	5.64	20028.629	24106.254	10.386	154.6	3.6	NO	NO	MM
8	200714M1_10	Standard	149.200	5.64	20309.949	26399.508	9.617	143.2	-4.1	NO	NO	MM
9	200714M1_11	Standard	149.200	5.64	20581.959	23828.053	10.797	160.7	7.7	NO	NO	MM
10	200714M1_12	Standard	149.200	5.64	20139.217	20662.023	12.184	181.4	21.6	NO	NO	MM

Compound name: 13C2-PFTeDA-EIS

Response Factor: 1536.35

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

1	200714M1_3	Standard	12.500	6.09	19406.287	19406.287	12.6	1.1	NO	NO	MMX
2	200714M1_4	Standard	12.500	6.08	18179.182	18179.182	11.8	-5.3	NO	NO	bbX
3	200714M1_5	Standard	12.500	6.08	17923.145	17923.145	11.7	-6.7	NO	NO	MMX
4	200714M1_6	Standard	12.500	6.08	18194.086	18194.086	11.8	-5.3	NO	NO	MMX
5	200714M1_7	Standard	12.500	6.08	19310.354	19310.354	12.6	0.6	NO	NO	MMX
6	200714M1_8	Standard	12.500	6.08	19204.354	19204.354	12.5	0.0	NO	NO	bd
7	200714M1_9	Standard	12.500	6.08	18117.227	18117.227	11.8	-5.7	NO	NO	MMX
8	200714M1_10	Standard	12.500	6.08	17245.291	17245.291	11.2	-10.2	NO	NO	bdX
9	200714M1_11	Standard	12.500	6.08	16058.223	16058.223	10.5	-16.4	NO	NO	bdX
10	200714M1_12	Standard	12.500	6.07	15195.150	15195.150	9.9	-20.9	NO	NO	bdX

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Compound name: 13C2-PFTeDA-RSD

Response Factor: 0.708179

RRF SD: 0.0406275, Relative SD: 5.73689

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

ID	Sample Name	Type	IS Conc	IS Area	IS Conc	IS Area	Response	Conc	%Dev	Pass	Code	
1	200714M1_3	Standard	12.500	6.09	19410.969	27549.652	8.807	12.4	-0.5	NO	NO	MM
2	200714M1_4	Standard	12.500	6.08	18179.182	26150.707	8.690	12.3	-1.8	NO	NO	bb
3	200714M1_5	Standard	12.500	6.08	17941.564	25894.262	8.661	12.2	-2.2	NO	NO	MM
4	200714M1_6	Standard	12.500	6.08	18187.658	23011.564	9.880	14.0	11.6	NO	NO	MM
5	200714M1_7	Standard	12.500	6.08	19295.938	27359.916	8.816	12.4	-0.4	NO	NO	MM
6	200714M1_8	Standard	12.500	6.08	19204.354	28266.154	8.493	12.0	-4.1	NO	NO	bd
7	200714M1_9	Standard	12.500	6.08	18140.701	24106.254	9.407	13.3	6.3	NO	NO	MM
8	200714M1_10	Standard	12.500	6.08	17245.291	26399.508	8.166	11.5	-7.8	NO	NO	bd
9	200714M1_11	Standard	12.500	6.08	16058.223	23828.053	8.424	11.9	-4.8	NO	NO	bd
10	200714M1_12	Standard	12.500	6.07	15174.701	20662.023	9.180	13.0	3.7	NO	NO	bd

Compound name: d5-N-ETFOSA-EIS

Response Factor: 186.163

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

ID	Sample Name	Type	IS Conc	IS Area	IS Conc	IS Area	Response	Conc	%Dev	Pass	Code
1	200714M1_3	Standard	149.200	6.09	26114.488	26114.488	140.3	-6.0	NO	NO	MMX
2	200714M1_4	Standard	149.200	6.08	26486.838	26486.838	142.3	-4.6	NO	NO	bbX
3	200714M1_5	Standard	149.200	6.08	25941.777	25941.777	139.3	-6.6	NO	NO	MMX
4	200714M1_6	Standard	149.200	6.08	27290.533	27290.533	146.6	-1.7	NO	NO	bbX
5	200714M1_7	Standard	149.200	6.08	27832.994	27832.994	149.5	0.2	NO	NO	MMX
6	200714M1_8	Standard	149.200	6.08	27775.551	27775.551	149.2	0.0	NO	NO	MM
7	200714M1_9	Standard	149.200	6.08	26479.145	26479.145	142.2	-4.7	NO	NO	MMX
8	200714M1_10	Standard	149.200	6.08	25337.428	25337.428	136.1	-8.8	NO	NO	MMX
9	200714M1_11	Standard	149.200	6.08	26251.313	26251.313	141.0	-5.5	NO	NO	MMX
10	200714M1_12	Standard	149.200	6.08	23737.102	23737.102	127.5	-14.5	NO	NO	MMX

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Compound name: d5-N-ETFOSA-RSD

Response Factor: 0.0878676

RRF SD: 0.00674093, Relative SD: 7.67169

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

Peak	Sample	Type	Std. Conc.	RRF	Area	IS Area	Response	Conc. (ng/L)	%Dev	Comp. Flag	IS	MM
1	200714M1_3	Standard	149.200	6.09	26112.094	27549.652	11.848	134.8	-9.6	NO	NO	MM
2	200714M1_4	Standard	149.200	6.08	26659.826	26150.707	12.743	145.0	-2.8	NO	NO	bd
3	200714M1_5	Standard	149.200	6.08	25958.195	25894.262	12.531	142.6	-4.4	NO	NO	MM
4	200714M1_6	Standard	149.200	6.08	27290.533	23011.564	14.824	168.7	13.1	NO	NO	bb
5	200714M1_7	Standard	149.200	6.08	27827.102	27359.916	12.713	144.7	-3.0	NO	NO	MM
6	200714M1_8	Standard	149.200	6.08	27768.285	28266.154	12.280	139.8	-6.3	NO	NO	MM
7	200714M1_9	Standard	149.200	6.08	26503.197	24106.254	13.743	156.4	4.8	NO	NO	MM
8	200714M1_10	Standard	149.200	6.08	25841.109	26399.508	12.236	139.3	-6.7	NO	NO	MM
9	200714M1_11	Standard	149.200	6.08	26306.055	23828.053	13.800	157.1	5.3	NO	NO	bd
10	200714M1_12	Standard	149.200	6.08	23770.307	20662.023	14.380	163.7	9.7	NO	NO	MM

Compound name: 13C2-PFHxDA-EIS

Response Factor: 2270.83

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

Peak	Sample	Type	Std. Conc.	RRF	Area	IS Area	Response	Conc. (ng/L)	%Dev	Comp. Flag	IS	MM
1	200714M1_3	Standard	12.500	6.41	28151.404	28151.404	12.4	-0.8	NO	NO	NO	MMX
2	200714M1_4	Standard	12.500	6.41	26856.342	26856.342	11.8	-5.4	NO	NO	NO	MMX
3	200714M1_5	Standard	12.500	6.41	27454.617	27454.617	12.1	-3.3	NO	NO	NO	MMX
4	200714M1_6	Standard	12.500	6.41	27503.053	27503.053	12.1	-3.1	NO	NO	NO	MMX
5	200714M1_7	Standard	12.500	6.41	29537.770	29537.770	13.0	4.1	NO	NO	NO	MMX
6	200714M1_8	Standard	12.500	6.41	28385.369	28385.369	12.5	0.0	NO	NO	NO	MM
7	200714M1_9	Standard	12.500	6.41	27431.236	27431.236	12.1	-3.4	NO	NO	NO	bbX
8	200714M1_10	Standard	12.500	6.41	28349.387	28349.387	12.5	-0.1	NO	NO	NO	MMX
9	200714M1_11	Standard	12.500	6.40	25967.018	25967.018	11.4	-8.5	NO	NO	NO	MMX
10	200714M1_12	Standard	12.500	6.40	23889.063	23889.063	10.5	-15.8	NO	NO	NO	MMX

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Compound name: 13C2-PFHxDA-RSD

Response Factor: 1.08472

RRF SD: 0.062188, Relative SD: 5.73311

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

Peak	Sample	Std	Area	IS Area	Response	Comp. Flow	Comp. Flow	Flag	Flag			
1	200714M1_3	Standard	12.500	6.41	28213.355	27549.652	12.801	11.8	-5.6	NO	NO	MM
2	200714M1_4	Standard	12.500	6.41	26859.949	26150.707	12.839	11.8	-5.3	NO	NO	MM
3	200714M1_5	Standard	12.500	6.41	27463.488	25894.262	13.258	12.2	-2.2	NO	NO	MM
4	200714M1_6	Standard	12.500	6.41	27502.150	23011.564	14.939	13.8	10.2	NO	NO	MM
5	200714M1_7	Standard	12.500	6.41	29536.742	27359.916	13.495	12.4	-0.5	NO	NO	MM
6	200714M1_8	Standard	12.500	6.41	28382.514	28266.154	12.551	11.6	-7.4	NO	NO	MM
7	200714M1_9	Standard	12.500	6.41	27431.236	24106.254	14.224	13.1	4.9	NO	NO	bb
8	200714M1_10	Standard	12.500	6.41	28355.473	26399.508	13.426	12.4	-1.0	NO	NO	MM
9	200714M1_11	Standard	12.500	6.40	25857.668	23828.053	13.565	12.5	0.0	NO	NO	MM
10	200714M1_12	Standard	12.500	6.40	23954.477	20662.023	14.492	13.4	6.9	NO	NO	MM

Compound name: d7-N-MeFOSE-EIS

Response Factor: 95.919

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

Peak	Sample	Std	Area	IS Area	Response	Comp. Flow	Comp. Flow	Flag	Flag		
1	200714M1_3	Standard	149.200	6.29	12291.156	12291.156	128.1	-14.1	NO	NO	MMX
2	200714M1_4	Standard	149.200	6.29	11746.694	11746.694	122.5	-17.9	NO	NO	MMX
3	200714M1_5	Standard	149.200	6.29	12507.773	12507.773	130.4	-12.6	NO	NO	MMX
4	200714M1_6	Standard	149.200	6.28	12494.564	12494.564	130.3	-12.7	NO	NO	MMX
5	200714M1_7	Standard	149.200	6.28	12944.263	12944.263	134.9	-9.6	NO	NO	MMX
6	200714M1_8	Standard	149.200	6.29	14311.119	14311.119	149.2	0.0	NO	NO	bd
7	200714M1_9	Standard	149.200	6.28	13131.866	13131.866	136.9	-8.2	NO	NO	bdX
8	200714M1_10	Standard	149.200	6.28	12929.898	12929.898	134.8	-9.7	NO	NO	bdX
9	200714M1_11	Standard	149.200	6.28	13476.807	13476.807	140.5	-5.8	NO	NO	MMX
10	200714M1_12	Standard	149.200	6.28	13407.777	13407.777	139.8	-6.3	NO	NO	bbX

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Compound name: d7-N-MeFOSE-RSD

Response Factor: 0.0432046
 RRF SD: 0.00524475, Relative SD: 12.1394
 Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
 Curve type: RF

# Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CPD	Conc Flag	Download
1 200714M1_3	Standard	149.200	6.29	12299.415	27549.652	5.581	129.2	-13.4	NO		NO	MM
2 200714M1_4	Standard	149.200	6.29	11750.654	26150.707	5.617	130.0	-12.9	NO		NO	MM
3 200714M1_5	Standard	149.200	6.29	12519.508	25894.262	6.044	139.9	-6.2	NO		NO	MM
4 200714M1_6	Standard	149.200	6.28	12493.118	23011.564	6.786	157.1	5.3	NO		NO	MM
5 200714M1_7	Standard	149.200	6.28	13020.253	27359.916	5.949	137.7	-7.7	NO		NO	MM
6 200714M1_8	Standard	149.200	6.29	14311.119	28266.154	6.329	146.5	-1.8	NO		NO	bd
7 200714M1_9	Standard	149.200	6.28	13131.866	24106.254	6.809	157.6	5.6	NO		NO	bd
8 200714M1_10	Standard	149.200	6.28	12929.898	26399.508	6.122	141.7	-5.0	NO		NO	bd
9 200714M1_11	Standard	149.200	6.28	13487.252	23828.053	7.075	163.8	9.8	NO		NO	MM
10 200714M1_12	Standard	149.200	6.28	13471.162	20662.023	8.150	188.6	26.4	NO		NO	bd

Compound name: d9-N-EtFOSE-EIS

Response Factor: 97.682
 RRF SD: 0, Relative SD: 0
 Response type: External Std, Area
 Curve type: RF

# Name	Type	Std Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc Flag	CPD	Conc Flag	Download
1 200714M1_3	Standard	149.200	6.43	14018.888		14018.888	143.5	-3.8	NO		NO	MMX
2 200714M1_4	Standard	149.200	6.43	13818.731		13818.731	141.5	-5.2	NO		NO	MMX
3 200714M1_5	Standard	149.200	6.43	13490.115		13490.115	138.1	-7.4	NO		NO	MMX
4 200714M1_6	Standard	149.200	6.43	13380.596		13380.596	137.0	-8.2	NO		NO	MMX
5 200714M1_7	Standard	149.200	6.43	15093.138		15093.138	154.5	3.6	NO		NO	MMX
6 200714M1_8	Standard	149.200	6.43	14574.147		14574.147	149.2	0.0	NO		NO	MM
7 200714M1_9	Standard	149.200	6.43	14099.037		14099.037	144.3	-3.3	NO		NO	MMX
8 200714M1_10	Standard	149.200	6.43	13955.995		13955.995	142.9	-4.2	NO		NO	bdX
9 200714M1_11	Standard	149.200	6.43	13863.642		13863.642	141.9	-4.9	NO		NO	MMX
10 200714M1_12	Standard	149.200	6.43	14548.509		14548.509	148.9	-0.2	NO		NO	MMX

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Compound name: d9-N-EtFOSE-RSD

Response Factor: 0.0471051

RRF SD: 0.00497888, Relative SD: 10.5697

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

Peak	Sample	Type	Std. Conc.	RF	Area	IS Area	Response	Conc.	%Dev.	Comp. Flag	Code	MM
1	200714M1_3	Standard	149.200	6.43	14034.632	27549.652	6.368	135.2	-9.4	NO	NO	MM
2	200714M1_4	Standard	149.200	6.43	13818.731	26150.707	6.605	140.2	-6.0	NO	NO	MM
3	200714M1_5	Standard	149.200	6.43	13483.574	25894.262	6.509	138.2	-7.4	NO	NO	MM
4	200714M1_6	Standard	149.200	6.43	13421.641	23011.564	7.291	154.8	3.7	NO	NO	MM
5	200714M1_7	Standard	149.200	6.43	15464.721	27359.916	7.065	150.0	0.5	NO	NO	MM
6	200714M1_8	Standard	149.200	6.43	14578.313	28266.154	6.447	136.9	-8.3	NO	NO	MM
7	200714M1_9	Standard	149.200	6.43	14090.972	24106.254	7.307	155.1	4.0	NO	NO	MM
8	200714M1_10	Standard	149.200	6.43	13955.995	26399.508	6.608	140.3	-6.0	NO	NO	bd
9	200714M1_11	Standard	149.200	6.43	13749.183	23828.053	7.213	153.1	2.6	NO	NO	MM
10	200714M1_12	Standard	149.200	6.43	14658.824	20662.023	8.868	188.3	26.2	NO	NO	MM

Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 7.40149e-017, Relative SD: 7.40149e-015

Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)

Curve type: RF

Peak	Sample	Type	Std. Conc.	RF	Area	IS Area	Response	Conc.	%Dev.	Comp. Flag	Code	MM
1	200714M1_3	Standard	12.500	1.29	7304.719	7304.719	12.500	12.5	0.0	NO	NO	bb
2	200714M1_4	Standard	12.500	1.28	7771.031	7771.031	12.500	12.5	0.0	NO	NO	bb
3	200714M1_5	Standard	12.500	1.28	7550.250	7550.250	12.500	12.5	0.0	NO	NO	bb
4	200714M1_6	Standard	12.500	1.29	8067.108	8067.108	12.500	12.5	0.0	NO	NO	bb
5	200714M1_7	Standard	12.500	1.28	8113.643	8113.643	12.500	12.5	0.0	NO	NO	bb
6	200714M1_8	Standard	12.500	1.28	8369.593	8369.593	12.500	12.5	0.0	NO	NO	bb
7	200714M1_9	Standard	12.500	1.28	7138.081	7138.081	12.500	12.5	0.0	NO	NO	bb
8	200714M1_10	Standard	12.500	1.28	7544.018	7544.018	12.500	12.5	0.0	NO	NO	bb
9	200714M1_11	Standard	12.500	1.28	8004.470	8004.470	12.500	12.5	0.0	NO	NO	bb
10	200714M1_12	Standard	12.500	1.28	7584.518	7584.518	12.500	12.5	0.0	NO	NO	bb

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Compound name: 13C5-PFHxA

Response Factor: 1
 RRF SD: 7.40149e-017, Relative SD: 7.40149e-015
 Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)
 Curve type: RF

Peak	Sample	Standard	IS Conc	RF	Area	IS Area	Response	Conc	IS Day	Conc	Q/D	Conc	MM
1	200714M1_3	Standard	12.500	3.06	15209.932	15209.932	12.500	12.5	0.0	NO		NO	MM
2	200714M1_4	Standard	12.500	3.05	15838.066	15838.066	12.500	12.5	0.0	NO		NO	MM
3	200714M1_5	Standard	12.500	3.05	16003.178	16003.178	12.500	12.5	0.0	NO		NO	MM
4	200714M1_6	Standard	12.500	3.06	15653.435	15653.435	12.500	12.5	0.0	NO		NO	MM
5	200714M1_7	Standard	12.500	3.05	16861.885	16861.885	12.500	12.5	0.0	NO		NO	MM
6	200714M1_8	Standard	12.500	3.05	16735.422	16735.422	12.500	12.5	0.0	NO		NO	bb
7	200714M1_9	Standard	12.500	3.05	16092.557	16092.557	12.500	12.5	0.0	NO		NO	MM
8	200714M1_10	Standard	12.500	3.05	15475.205	15475.205	12.500	12.5	0.0	NO		NO	MM
9	200714M1_11	Standard	12.500	3.05	15653.903	15653.903	12.500	12.5	0.0	NO		NO	bb
10	200714M1_12	Standard	12.500	3.05	13718.043	13718.043	12.500	12.5	0.0	NO		NO	MM

Compound name: 18O2-PFHxS

Response Factor: 1
 RRF SD: 3.70074e-017, Relative SD: 3.70074e-015
 Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)
 Curve type: RF

Peak	Sample	Standard	IS Conc	RF	Area	IS Area	Response	Conc	IS Day	Conc	Q/D	Conc	MM
1	200714M1_3	Standard	12.500	3.83	1745.180	1745.180	12.500	12.5	0.0	NO		NO	bb
2	200714M1_4	Standard	12.500	3.82	2081.197	2081.197	12.500	12.5	0.0	NO		NO	bb
3	200714M1_5	Standard	12.500	3.82	1995.269	1995.269	12.500	12.5	0.0	NO		NO	bb
4	200714M1_6	Standard	12.500	3.81	2003.151	2003.151	12.500	12.5	0.0	NO		NO	MM
5	200714M1_7	Standard	12.500	3.82	2281.428	2281.428	12.500	12.5	0.0	NO		NO	bb
6	200714M1_8	Standard	12.500	3.82	2072.809	2072.809	12.500	12.5	0.0	NO		NO	MM
7	200714M1_9	Standard	12.500	3.82	2179.594	2179.594	12.500	12.5	0.0	NO		NO	bb
8	200714M1_10	Standard	12.500	3.81	2004.690	2004.690	12.500	12.5	0.0	NO		NO	bb
9	200714M1_11	Standard	12.500	3.81	2098.879	2098.879	12.500	12.5	0.0	NO		NO	MM
10	200714M1_12	Standard	12.500	3.81	1793.680	1793.680	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)

Curve type: RF

Peak	Retention Time	Area	IS Area	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area
1	200714M1_3	Standard	12.500	4.19	23259.205	23259.205	12.500	12.5	0.0	NO	NO	bb	
2	200714M1_4	Standard	12.500	4.18	26316.832	26316.832	12.500	12.5	0.0	NO	NO	bb	
3	200714M1_5	Standard	12.500	4.19	23654.121	23654.121	12.500	12.5	0.0	NO	NO	bb	
4	200714M1_6	Standard	12.500	4.18	25053.836	25053.836	12.500	12.5	0.0	NO	NO	MM	
5	200714M1_7	Standard	12.500	4.18	24614.545	24614.545	12.500	12.5	0.0	NO	NO	MM	
6	200714M1_8	Standard	12.500	4.19	25424.986	25424.986	12.500	12.5	0.0	NO	NO	MM	
7	200714M1_9	Standard	12.500	4.18	24070.348	24070.348	12.500	12.5	0.0	NO	NO	MM	
8	200714M1_10	Standard	12.500	4.18	24455.654	24455.654	12.500	12.5	0.0	NO	NO	MM	
9	200714M1_11	Standard	12.500	4.18	21737.660	21737.660	12.500	12.5	0.0	NO	NO	bb	
10	200714M1_12	Standard	12.500	4.18	19619.289	19619.289	12.500	12.5	0.0	NO	NO	bb	

Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 7.40149e-017, Relative SD: 7.40149e-015

Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)

Curve type: RF

Peak	Retention Time	Area	IS Area	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area	IS Conc.	IS Area
1	200714M1_3	Standard	12.500	4.63	16117.922	16117.922	12.500	12.5	0.0	NO	NO	MM	
2	200714M1_4	Standard	12.500	4.62	16864.814	16864.814	12.500	12.5	0.0	NO	NO	MM	
3	200714M1_5	Standard	12.500	4.63	17471.799	17471.799	12.500	12.5	0.0	NO	NO	bb	
4	200714M1_6	Standard	12.500	4.62	17810.285	17810.285	12.500	12.5	0.0	NO	NO	bb	
5	200714M1_7	Standard	12.500	4.62	19237.209	19237.209	12.500	12.5	0.0	NO	NO	MM	
6	200714M1_8	Standard	12.500	4.63	18221.951	18221.951	12.500	12.5	0.0	NO	NO	bb	
7	200714M1_9	Standard	12.500	4.62	16414.910	16414.910	12.500	12.5	0.0	NO	NO	bb	
8	200714M1_10	Standard	12.500	4.62	17646.348	17646.348	12.500	12.5	0.0	NO	NO	MM	
9	200714M1_11	Standard	12.500	4.62	16009.469	16009.469	12.500	12.5	0.0	NO	NO	MM	
10	200714M1_12	Standard	12.500	4.62	13986.255	13986.255	12.500	12.5	0.0	NO	NO	MM	

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Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 5.23364e-017, Relative SD: 5.23364e-015

Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std Conc	RF	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Revised
1	200714M1_3	Standard	12.500	4.72	4025.025	4025.025	12.500	12.5	0.0	NO		NO	bb
2	200714M1_4	Standard	12.500	4.71	3913.630	3913.630	12.500	12.5	0.0	NO		NO	bb
3	200714M1_5	Standard	12.500	4.71	3941.901	3941.901	12.500	12.5	0.0	NO		NO	MM
4	200714M1_6	Standard	12.500	4.70	4291.203	4291.203	12.500	12.5	0.0	NO		NO	MM
5	200714M1_7	Standard	12.500	4.71	4435.660	4435.660	12.500	12.5	0.0	NO		NO	MM
6	200714M1_8	Standard	12.500	4.71	4524.652	4524.652	12.500	12.5	0.0	NO		NO	bb
7	200714M1_9	Standard	12.500	4.71	3898.886	3898.886	12.500	12.5	0.0	NO		NO	bb
8	200714M1_10	Standard	12.500	4.71	4108.686	4108.686	12.500	12.5	0.0	NO		NO	bb
9	200714M1_11	Standard	12.500	4.70	3600.637	3600.637	12.500	12.5	0.0	NO		NO	bb
10	200714M1_12	Standard	12.500	4.70	3607.937	3607.937	12.500	12.5	0.0	NO		NO	MM

Compound name: 13C6-PFDA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std Conc	RF	Area	IS Area	Response	Conc	%Dev	Conc Flag	CoD	CoD Flag	Revised
1	200714M1_3	Standard	12.500	5.01	20060.865	20060.865	12.500	12.5	0.0	NO		NO	MM
2	200714M1_4	Standard	12.500	5.00	20449.191	20449.191	12.500	12.5	0.0	NO		NO	bb
3	200714M1_5	Standard	12.500	5.00	21414.059	21414.059	12.500	12.5	0.0	NO		NO	MM
4	200714M1_6	Standard	12.500	5.00	20898.156	20898.156	12.500	12.5	0.0	NO		NO	MM
5	200714M1_7	Standard	12.500	5.00	21863.621	21863.621	12.500	12.5	0.0	NO		NO	MM
6	200714M1_8	Standard	12.500	5.00	21614.633	21614.633	12.500	12.5	0.0	NO		NO	bb
7	200714M1_9	Standard	12.500	5.00	19343.250	19343.250	12.500	12.5	0.0	NO		NO	bb
8	200714M1_10	Standard	12.500	5.00	19042.045	19042.045	12.500	12.5	0.0	NO		NO	bb
9	200714M1_11	Standard	12.500	4.99	18375.990	18375.990	12.500	12.5	0.0	NO		NO	bb
10	200714M1_12	Standard	12.500	4.99	16889.211	16889.211	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C7-PFUDa

Response Factor: 1

RRF SD: 7.40149e-017, Relative SD: 7.40149e-015

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

Peak	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	Adj. Conc.	IS Conc.	IS Area	Code
1	200714M1_3	Standard	12.500	5.33	27549.652	27549.652	12.500	12.5	0.0	NO		bb
2	200714M1_4	Standard	12.500	5.33	26150.707	26150.707	12.500	12.5	0.0	NO		bb
3	200714M1_5	Standard	12.500	5.33	25894.262	25894.262	12.500	12.5	0.0	NO		MM
4	200714M1_6	Standard	12.500	5.33	23011.564	23011.564	12.500	12.5	0.0	NO		MM
5	200714M1_7	Standard	12.500	5.33	27359.916	27359.916	12.500	12.5	0.0	NO		MM
6	200714M1_8	Standard	12.500	5.33	28266.154	28266.154	12.500	12.5	0.0	NO		MM
7	200714M1_9	Standard	12.500	5.32	24106.254	24106.254	12.500	12.5	0.0	NO		bb
8	200714M1_10	Standard	12.500	5.32	26399.508	26399.508	12.500	12.5	0.0	NO		MM
9	200714M1_11	Standard	12.500	5.32	23828.053	23828.053	12.500	12.5	0.0	NO		MM
10	200714M1_12	Standard	12.500	5.32	20662.023	20662.023	12.500	12.5	0.0	NO		MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 15 Jul 2020 09:41:38

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_8, Date: 14-Jul-2020, Time: 16:22:46, ID: ST200714M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

Name	ISL	CoD	CoD-Flag	%RSD
1 PFBA	47	0.9997	NO	
2 PFPrS	51	0.9994	NO	
3 3:3 FTCA	49	0.9985	NO	
4 PFPeA	49	0.9991	NO	
5 PFBS	51	0.9999	NO	
6 4:2 FTS	55	0.9999	NO	
7 PFHxA	57	0.9999	NO	
8 PFPeS	51	0.9996	NO	
9 HFPO-DA	53	0.9993	NO	
10 5:3 FTCA	59	0.9998	NO	
11 PFHpA	59	0.9998	NO	
12 ADONA	59	0.9998	NO	
13 L-PFHxS	61	0.9993	NO	
15 6:2 FTS	63	0.9988	NO	
16 L-PFOA	69	0.9988	NO	
18 PFecHS	69	0.9998	NO	
19 PFHpS	73	0.9970	NO	
20 7:3 FTCA	65	0.9986	NO	
21 PFNA	65	0.9992	NO	
22 PFOSA	67	0.9986	NO	
23 L-PFOS	73	0.9993	NO	
25 9Cl-PF30NS	73	0.9978	NO	
26 PFDA	75	0.9997	NO	
27 8:2 FTS	77	0.9990	NO	
28 PFNS	73	0.9992	NO	
29 L-MeFOSAA	79	0.9986	NO	

Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:42:35 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:47:39 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 15 Jul 2020 09:41:38

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_8, Date: 14-Jul-2020, Time: 16:22:46, ID: ST200714M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

31	L-EtFOSAA	83	0.9996	NO	
33	PFUdA	81	0.9994	NO	
34	PFDS	73	0.9983	NO	
35	11Cl-PF30UdS	85	0.9991	NO	
36	10:2 FTS	87	0.9995	NO	
37	PFDaA	85	0.9999	NO	
38	N-MeFOSA	89	0.9995	NO	
39	PFTTrDA	85	0.9999	NO	
40	PFDoS	91	0.9997	NO	
41	PFTeDA	91	0.9999	NO	
42	N-EtFOSA	93	0.9993	NO	
43	PFHxDA	95	0.9995	NO	
44	PFODA	95	1.0000	NO	
45	N-MeFOSE	97	0.9993	NO	
46	N-EtFOSE	99	0.9998	NO	
47	13C3-PFBA-EIS			NO	0.000
48	13C3-PFBA-RSD	101		NO	3.023
49	13C3-PFPeA-EIS			NO	0.000
50	13C3-PFPeA-RSD	102		NO	4.203
51	13C3-PFBS-EIS			NO	4.459
52	13C3-PFBS-RSD	103		NO	7.733
53	13C3-HFPO-DA-EIS			NO	0.000
54	13C3-HFPO-DA-RSD	102		NO	5.960
55	13C2-4:2 FTS-EIS			NO	0.000
56	13C2-4:2 FTS-RSD	103		NO	10.293
57	13C2-PFHxA-EIS			NO	0.000
58	13C2-PFHxA-RSD	102		NO	4.252
59	13C4-PFHpA-EIS			NO	0.000
60	13C4-PFHpA-RSD	102		NO	3.177
61	13C3-PFHxS-EIS			NO	0.000
62	13C3-PFHxS-RSD	103		NO	8.807
63	13C2-6:2 FTS-EIS			NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:42:35 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:47:39 Pacific Daylight Time

Name: 200714M1_8, Date: 14-Jul-2020, Time: 16:22:46, ID: ST200714M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

64	13C2-6:2 FTS-RSD	106	NO	6.150
65	13C5-PFNA-EIS		NO	0.000
66	13C5-PFNA-RSD	105	NO	5.374
67	13C8-PFOA-EIS		NO	0.000
68	13C8-PFOA-RSD	108	NO	6.568
69	13C2-PFOA-EIS		NO	0.000
70	13C2-PFOA-RSD	104	NO	3.962
73	13C8-PFOS-EIS		NO	0.000
74	13C8-PFOS-RSD	106	NO	5.620
75	13C2-PFDA-EIS		NO	0.000
76	13C2-PFDA-RSD	107	NO	5.441
77	13C2-8:2 FTS-EIS		NO	0.000
78	13C2-8:2 FTS-RSD	106	NO	7.096
79	d3-N-MeFOSAA-EIS		NO	0.000
80	d3-N-MeFOSAA-RSD	108	NO	7.989
81	13C2-PFUDa-EIS		NO	0.000
82	13C2-PFUDa-RSD	108	NO	4.567
83	d5-N-EtFOSAA-EIS		NO	0.000
84	d5-N-EtFOSAA-RSD	108	NO	6.441
85	13C2-PFDoA-EIS		NO	0.000
86	13C2-PFDoA-RSD	107	NO	4.359
87	13C2-10:2 FTS-EIS		NO	0.000
88	13C2-10:2 FTS-RSD	106	NO	10.236
89	d3-N-MeFOSA-EIS		NO	0.000
90	d3-N-MeFOSA-RSD	108	NO	10.369
91	13C2-PFTeDA-EIS		NO	0.000
92	13C2-PFTeDA-RSD	108	NO	5.737
93	d5-N-ETFOSA-EIS		NO	0.000
94	d5-N-ETFOSA-RSD	108	NO	7.672
95	13C2-PFHxDA-EIS		NO	0.000
96	13C2-PFHxDA-RSD	108	NO	5.733
97	d7-N-MeFOSE-EIS		NO	0.000
98	d7-N-MeFOSE-RSD	108	NO	12.139
99	d9-N-EtFOSE-EIS		NO	0.000
1...	d9-N-EtFOSE-RSD	108	NO	10.570
1...	13C4-PFBA	101	NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:42:35 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:47:39 Pacific Daylight Time

Name: 200714M1_8, Date: 14-Jul-2020, Time: 16:22:46, ID: ST200714M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

Peak	Mass	Area	Ratio	Flag	WSD
1...	13C5-PFHxA	102		NO	0.000
1...	18O2-PFHxS	103		NO	0.000
1...	13C8-PFOA	104		NO	0.000
1...	13C9-PFNA	105		NO	0.000
1...	13C4-PFOS	106		NO	0.000
1...	13C6-PFDA	107		NO	0.000
1...	13C7-PFUdA	108		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:52:53 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 14 Jul 2020 07:46:55

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_8, Date: 14-Jul-2020, Time: 16:22:46, ID: ST200714M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

1	PFBA	1.28	1.28			
2	PFPrS	1.67	1.62	2.309	2.309	NO
3	3:3 FTCA	2.10	2.09	2.087	2.087	NO
4	PFPeA	2.23	2.23			
5	PFBS	2.52	2.52	2.531	2.531	NO
6	4:2 FTS	2.97	2.97	1.914	1.914	NO
7	PFHxA	3.05	3.05	17.166	17.166	NO
8	PFPeS	3.25	3.26	1.733	1.733	NO
9	HFPO-DA	3.28	3.28	1.934	1.934	NO
10	5:3 FTCA	3.62	3.61	1.543	1.543	NO
11	PFHpA	3.67	3.67	12.673	12.673	NO
12	ADONA	3.76	3.78	3.536	3.536	NO
13	L-PFHxS	3.82	3.82	1.592	1.592	NO
15	6:2 FTS	4.13	4.13	2.303	2.303	NO
16	L-PFOA	4.19	4.19	3.852	3.852	NO
18	PFecHS	4.20	4.20	0.968	0.968	NO
19	PFHpS	4.32	4.30	1.900	1.900	NO
20	7:3 FTCA	4.62	4.61	1.418	1.418	NO
21	PFNA	4.63	4.63	4.248	4.248	NO
22	PFOSA	4.67	4.67	27.603	27.603	NO
23	L-PFOS	4.71	4.71	2.005	2.005	NO
25	9Cl-PF30NS	4.92	4.93	20.622	20.622	NO
26	PFDA	5.00	5.00	5.391	5.391	NO
27	8:2 FTS	4.97	4.97	1.655	1.655	NO
28	PFNS	5.05	5.07	1.630	1.630	NO
29	L-MeFOSAA	5.15	5.16	2.896	2.896	NO

Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:53:21 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 14 Jul 2020 07:46:55

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_8, Date: 14-Jul-2020, Time: 16:22:46, ID: ST200714M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

31 L-EtFOSAA	5.31	5.32	1.222	1.222	NO
33 PFUdA	5.33	5.33	10.728	10.728	NO
34 PFDS	5.34	5.38	1.394	1.394	NO
35 11Cl-PF30UdS	5.55	5.54	23.420	23.420	NO
36 10:2 FTS	5.60	5.61	1.612	1.612	NO
37 PFDoA	5.62	5.62	8.613	8.613	NO
38 N-MeFOSA	5.64	5.62	1.408	1.408	NO
39 PFTTrDA	5.87	5.87	8.861	8.861	NO
40 PFDoS	5.89	5.89	1.856	1.856	NO
41 PFTeDA	6.08	6.08	13.307	13.307	NO
42 N-EtFOSA	6.06	6.07	1.451	1.451	NO
43 PFHxDA	6.41	6.41	25.378	25.378	NO
44 PFODA	6.62	6.64			
45 N-MeFOSE	6.29	6.30			
46 N-EtFOSE	6.43	6.44			

Dataset: Untitled

Last Altered: Wednesday, July 15, 2020 10:56:08 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:56:20 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 15 Jul 2020 09:41:38

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Compound name: PFBA

Name	D	Time	Acq Time
1 200714M1_1	IPA	14-Jul-20	15:09:15
2 200714M1_2	IPA	14-Jul-20	15:19:41
3 200714M1_3	ST200714M1-1 PFC CS-2 20F1901	14-Jul-20	15:30:06
4 200714M1_4	ST200714M1-2 PFC CS-1 20F1902	14-Jul-20	15:40:31
5 200714M1_5	ST200714M1-3 PFC CS0 20F1903	14-Jul-20	15:50:56
6 200714M1_6	ST200714M1-4 PFC CS1 20F1904	14-Jul-20	16:02:04
7 200714M1_7	ST200714M1-5 PFC CS2 20F1905	14-Jul-20	16:12:23
8 200714M1_8	ST200714M1-6 PFC CS3 20F1906	14-Jul-20	16:22:46
9 200714M1_9	ST200714M1-7 PFC CS4 20F1907	14-Jul-20	16:33:08
10 200714M1_10	ST200714M1-8 PFC CS5 20F1908	14-Jul-20	16:43:33
11 200714M1_11	ST200714M1-9 PFC CS6 20F1909	14-Jul-20	16:53:57
12 200714M1_12	ST200714M1-10 PFC CS7 20F1910	14-Jul-20	17:04:19
13 200714M1_13	IB	14-Jul-20	17:14:41
14 200714M1_14	ICV200714M1-1 PFC ICV 20F1911	14-Jul-20	17:25:04
15 200714M1_15	IB	14-Jul-20	17:35:26

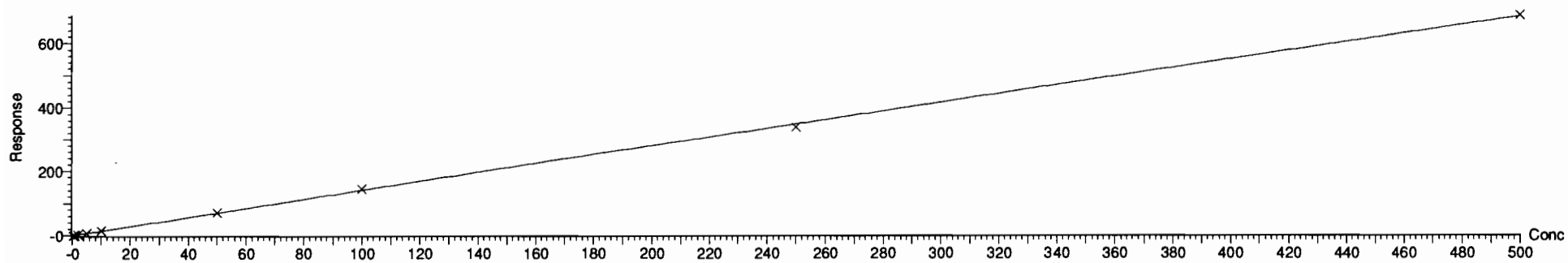
Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

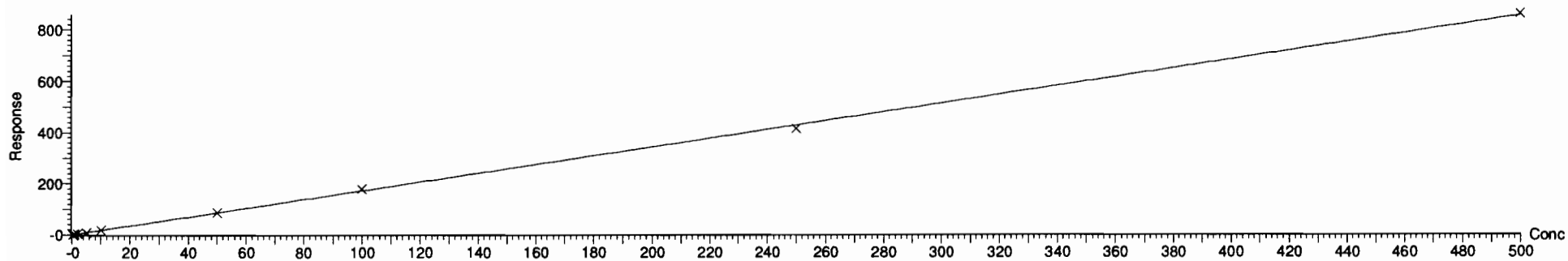
Printed: Wednesday, July 15, 2020 10:54:07 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 14 Jul 2020 07:46:55
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Compound name: PFBA
Coefficient of Determination: $R^2 = 0.999705$
Calibration curve: $-0.000111958 * x^2 + 1.41935 * x + -0.0495168$
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



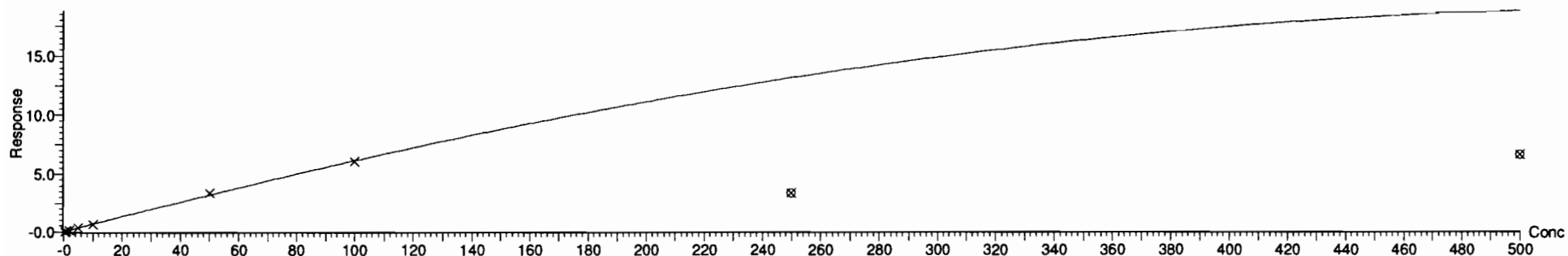
Compound name: PFPrS
Coefficient of Determination: $R^2 = 0.999386$
Calibration curve: $-1.40269e-005 * x^2 + 1.71456 * x + -0.0891451$
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



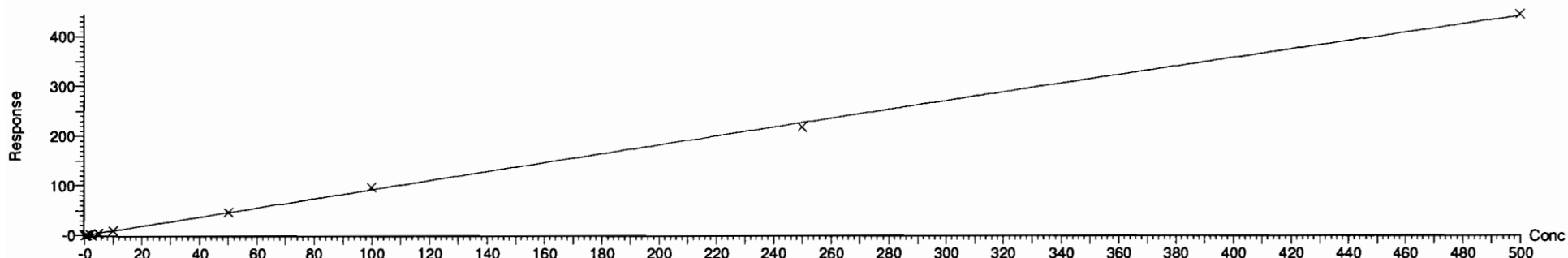
Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time
Printed: Wednesday, July 15, 2020 10:54:07 Pacific Daylight Time

Compound name: 3:3 FTCA
Coefficient of Determination: $R^2 = 0.998491$
Calibration curve: $-5.97883e-005 * x^2 + 0.0675419 * x + -0.00500428$
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFPeA
Coefficient of Determination: $R^2 = 0.999141$
Calibration curve: $-9.63721e-005 * x^2 + 0.931122 * x + 0.00971831$
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:54:07 Pacific Daylight Time

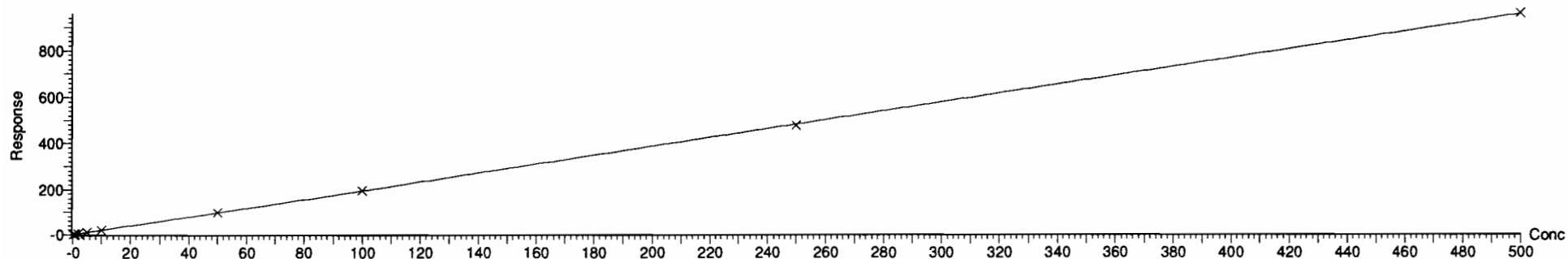
Compound name: PFBS

Coefficient of Determination: $R^2 = 0.999858$

Calibration curve: $-5.86372e-005 * x^2 + 1.94346 * x + 0.00599295$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



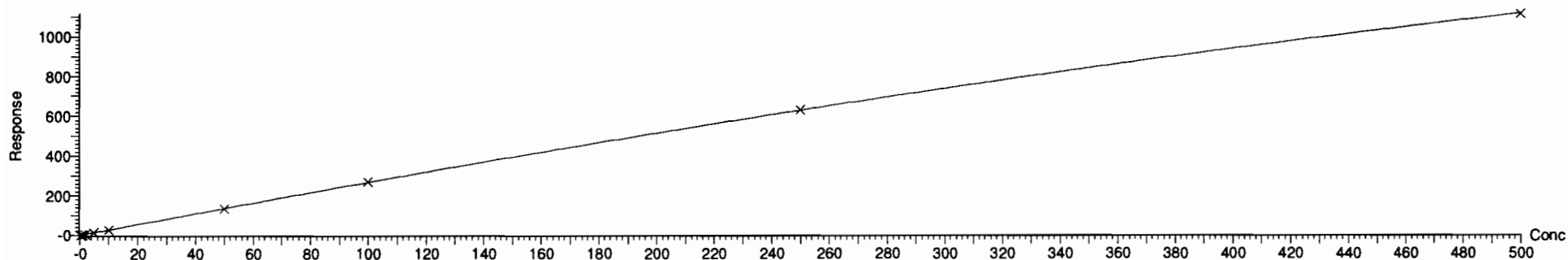
Compound name: 4:2 FTS

Coefficient of Determination: $R^2 = 0.999899$

Calibration curve: $-0.00114026 * x^2 + 2.79845 * x + -0.239829$

Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

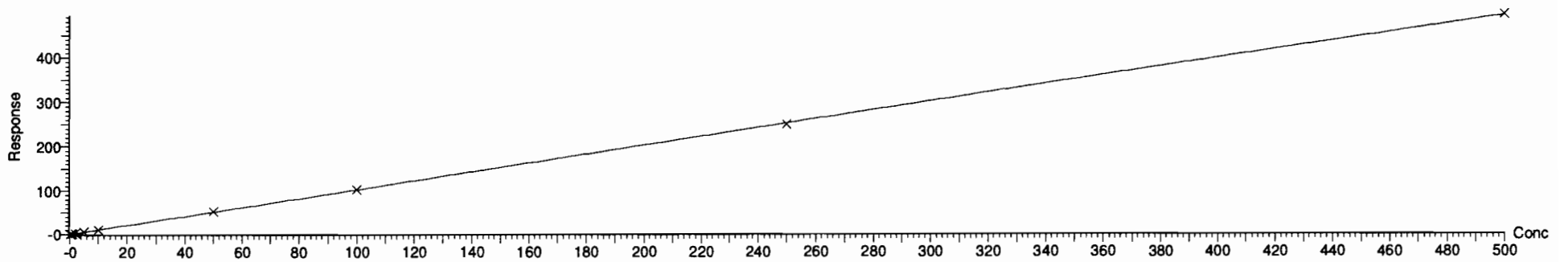


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

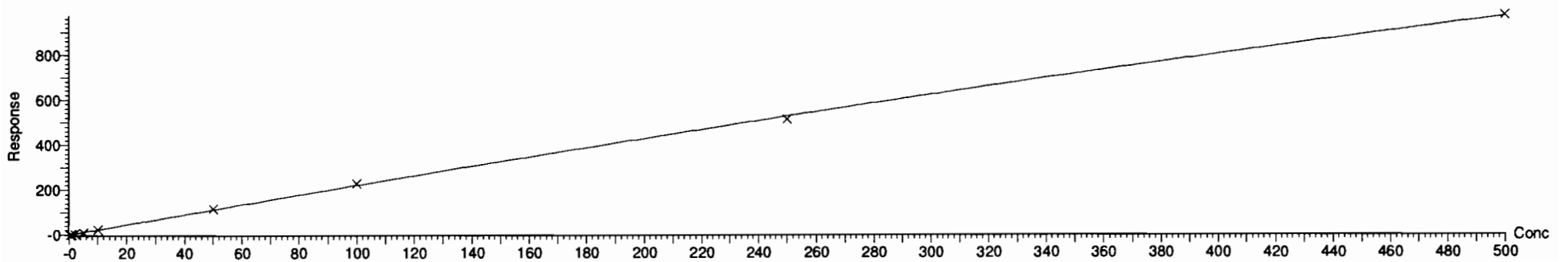
Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:54:07 Pacific Daylight Time

Compound name: PFHxA
Coefficient of Determination: $R^2 = 0.999910$
Calibration curve: $-8.75659e-005 * x^2 + 1.0314 * x + 0.0901618$
Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFPeS
Coefficient of Determination: $R^2 = 0.999620$
Calibration curve: $-0.000662738 * x^2 + 2.27003 * x + 0.0816257$
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

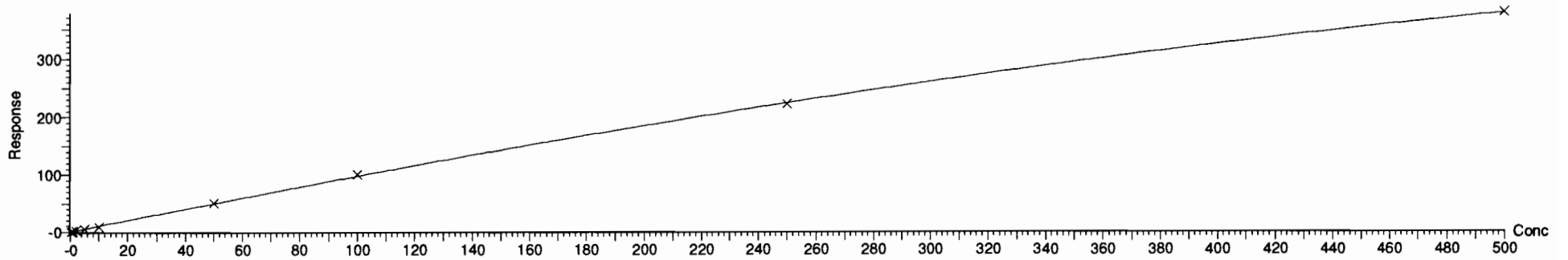


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

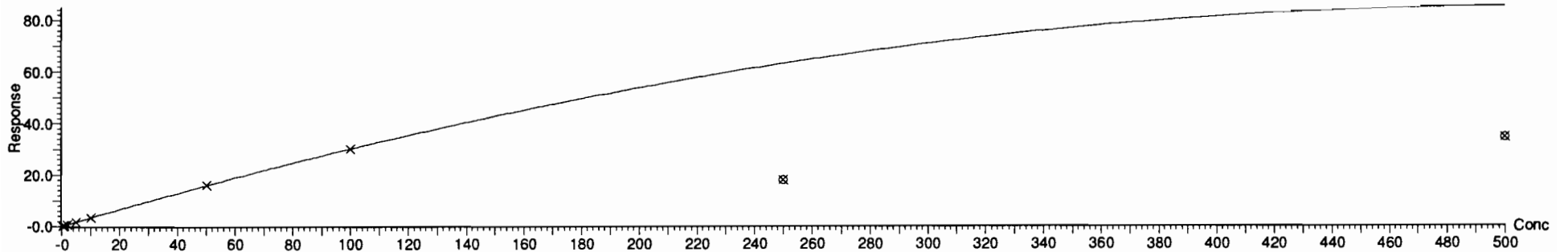
Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:54:07 Pacific Daylight Time

Compound name: HFPO-DA
Coefficient of Determination: $R^2 = 0.999340$
Calibration curve: $-0.000565042 * x^2 + 1.03824 * x + -0.160627$
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 5:3 FTCA
Coefficient of Determination: $R^2 = 0.999843$
Calibration curve: $-0.000327151 * x^2 + 0.333303 * x + -0.00209153$
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:54:07 Pacific Daylight Time

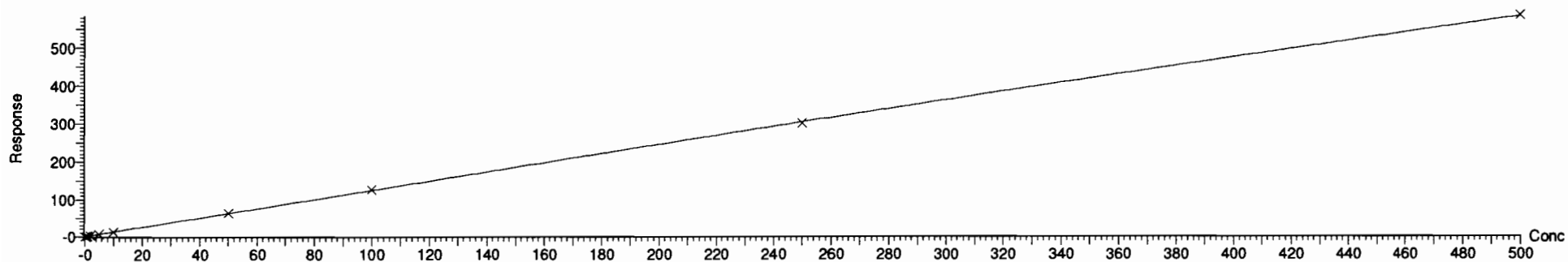
Compound name: PFHpA

Coefficient of Determination: $R^2 = 0.999847$

Calibration curve: $-0.00020404 * x^2 + 1.26747 * x + 0.0418661$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



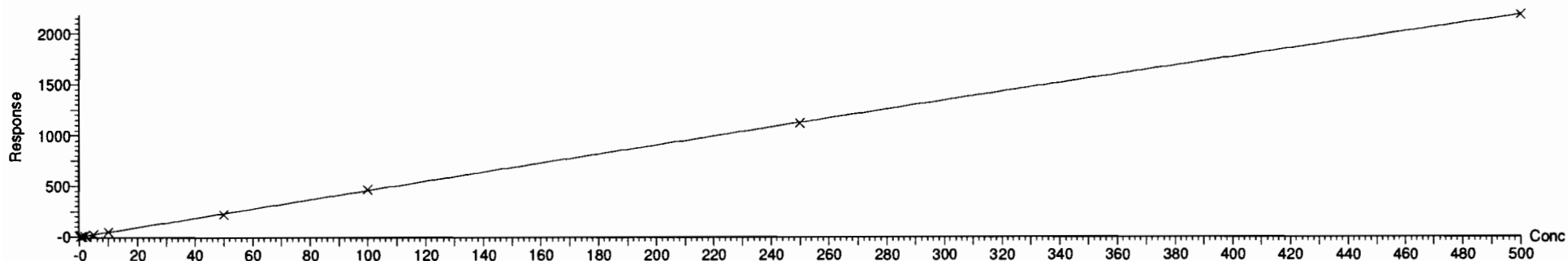
Compound name: ADONA

Coefficient of Determination: $R^2 = 0.999810$

Calibration curve: $-0.000516851 * x^2 + 4.62627 * x - 0.0289918$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:54:07 Pacific Daylight Time

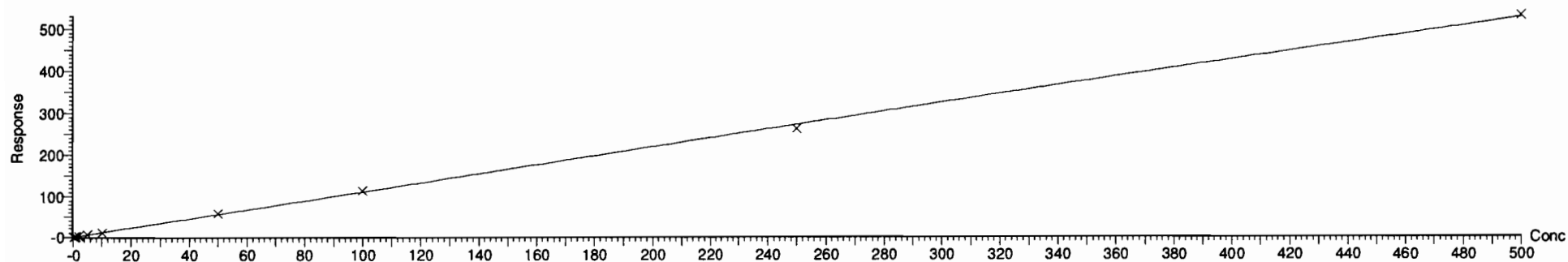
Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.999291$

Calibration curve: $-0.000131212 * x^2 + 1.11832 * x + 0.000563986$

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



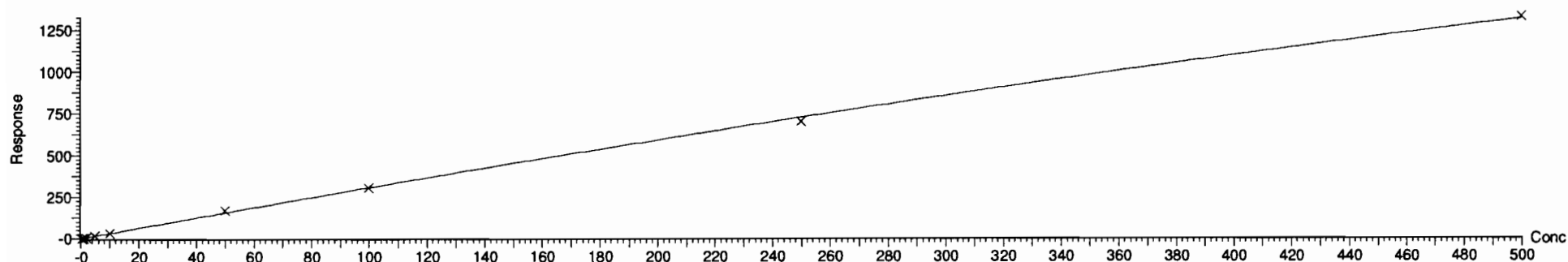
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.998832$

Calibration curve: $-0.00107369 * x^2 + 3.16796 * x + 0.0199397$

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:54:07 Pacific Daylight Time

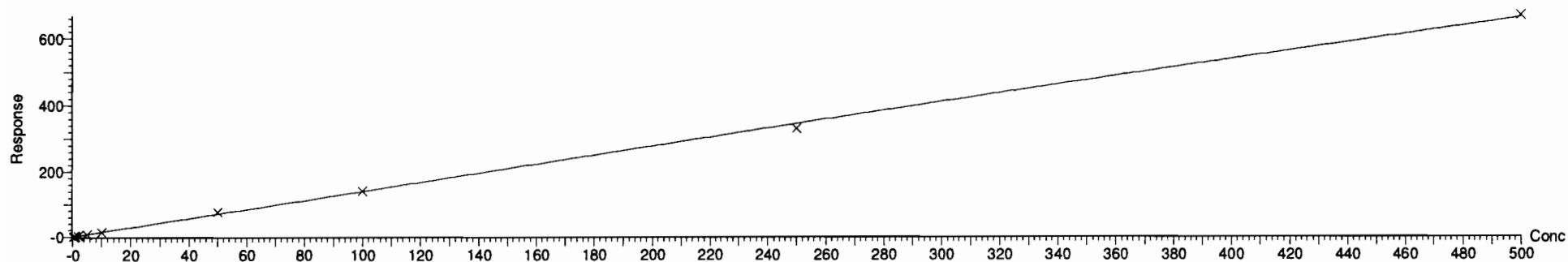
Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.998820$

Calibration curve: $-0.000207503 * x^2 + 1.42944 * x + 0.110252$

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



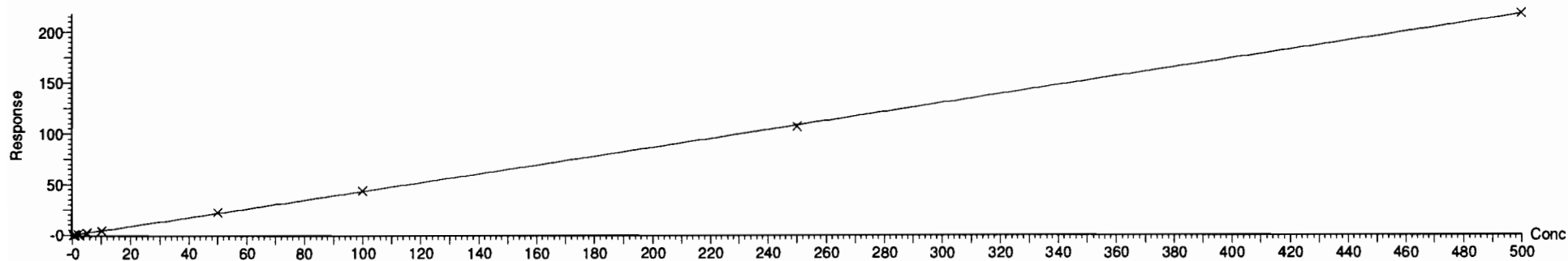
Compound name: PFecHS

Coefficient of Determination: $R^2 = 0.999833$

Calibration curve: $9.38457e-006 * x^2 + 0.428942 * x - 0.0244016$

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:54:07 Pacific Daylight Time

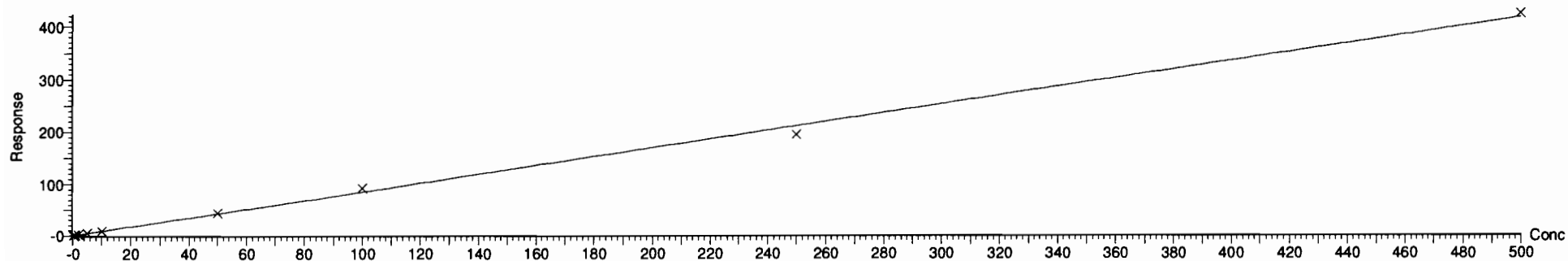
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.996957$

Calibration curve: $-4.26521e-005 * x^2 + 0.855205 * x + 0.126863$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



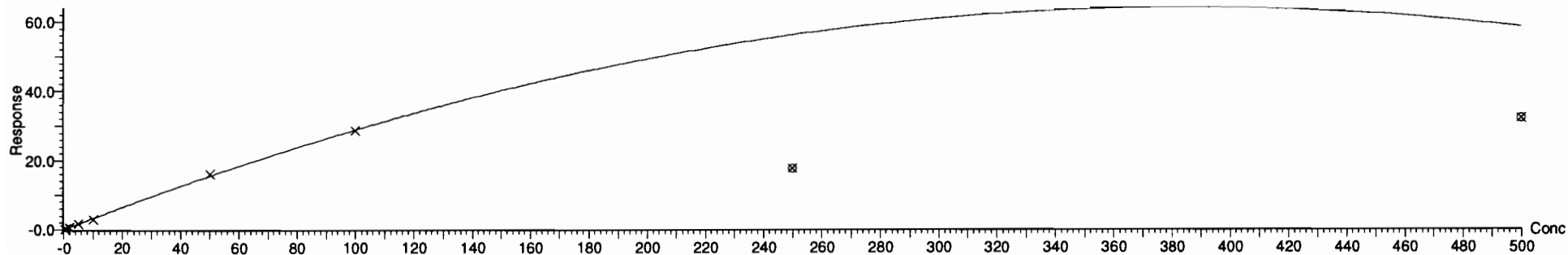
Compound name: 7:3 FTCA

Coefficient of Determination: $R^2 = 0.998598$

Calibration curve: $-0.000431207 * x^2 + 0.332292 * x + -0.0265027$

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

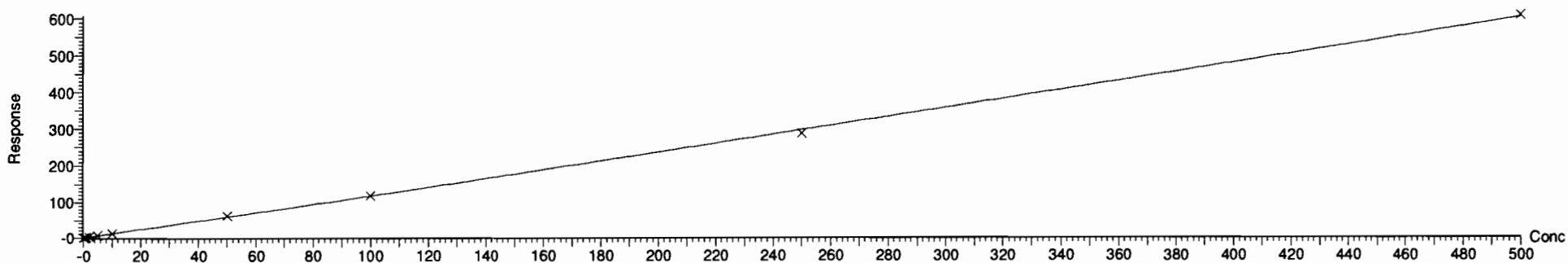


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

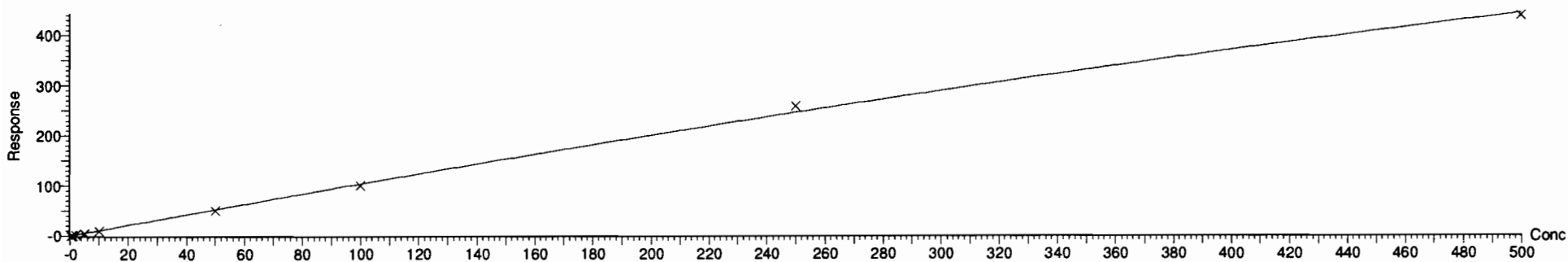
Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:54:07 Pacific Daylight Time

Compound name: PFNA
Coefficient of Determination: $R^2 = 0.999234$
Calibration curve: $7.49382e-005 * x^2 + 1.16973 * x + 0.0197669$
Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFOSA
Coefficient of Determination: $R^2 = 0.998590$
Calibration curve: $-0.000382392 * x^2 + 1.07773 * x + -0.119463$
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 10:54:07 Pacific Daylight Time

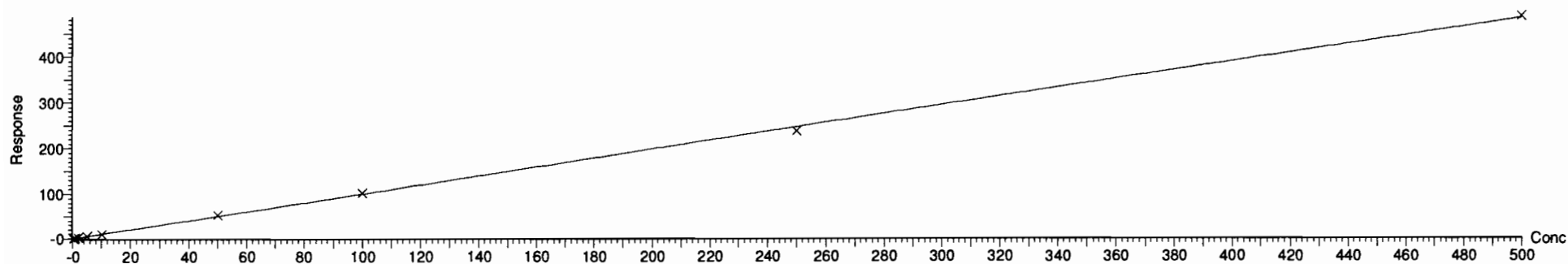
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999261$

Calibration curve: $-8.32828e-005 * x^2 + 1.008 * x + -0.00370904$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



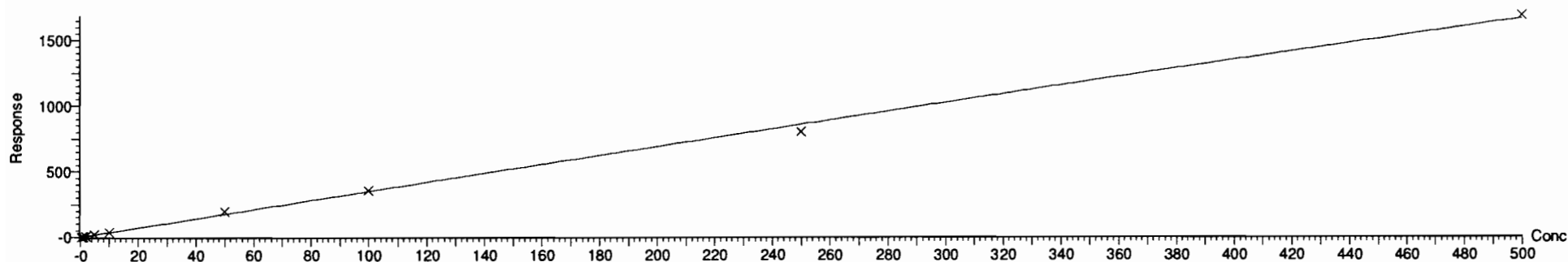
Compound name: 9Cl-PF30NS

Coefficient of Determination: $R^2 = 0.997783$

Calibration curve: $-0.000408372 * x^2 + 3.52774 * x + 0.112248$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

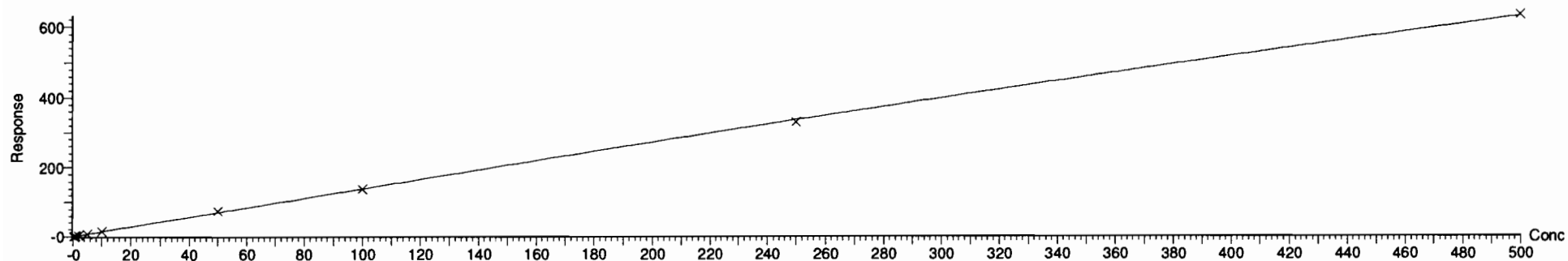
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



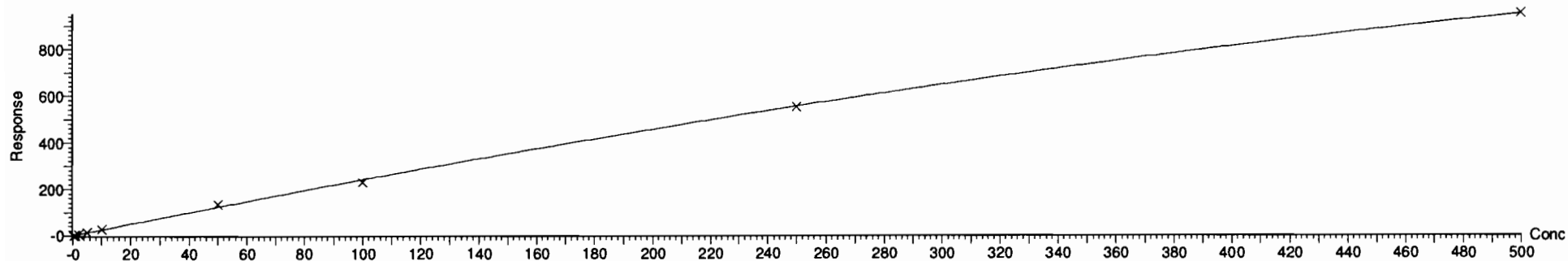
Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time
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Compound name: PFDA
Coefficient of Determination: $R^2 = 0.999681$
Calibration curve: $-0.000325761 * x^2 + 1.42273 * x + 0.0555571$
Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: 8:2 FTS
Coefficient of Determination: $R^2 = 0.998959$
Calibration curve: $-0.00126785 * x^2 + 2.53193 * x - 0.148307$
Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

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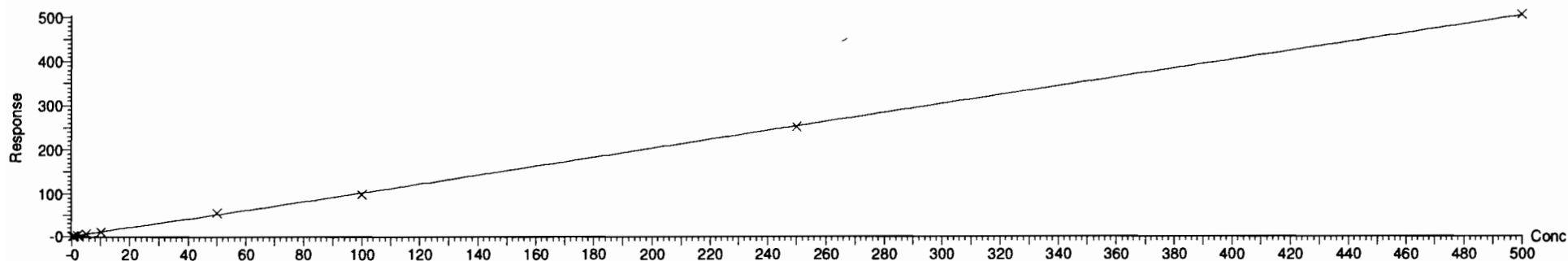
Compound name: PFNS

Coefficient of Determination: $R^2 = 0.999231$

Calibration curve: $-2.18342e-005 * x^2 + 1.01808 * x + 0.00304828$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



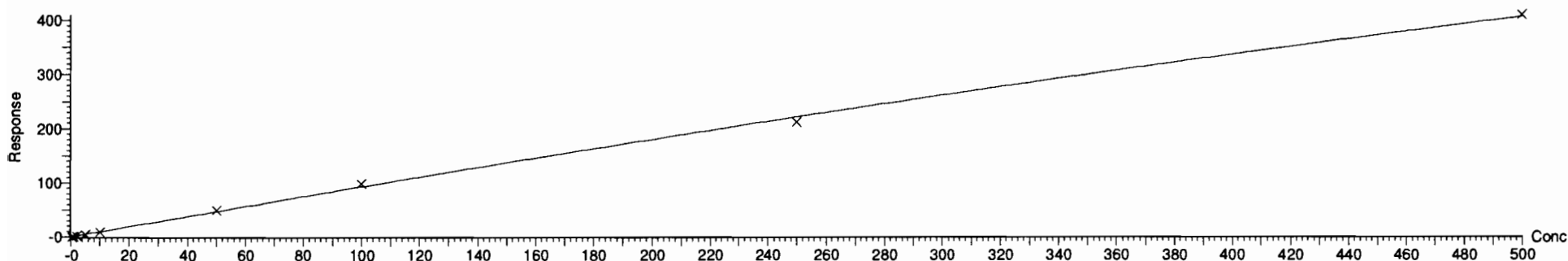
Compound name: L-MeFOSAA

Coefficient of Determination: $R^2 = 0.998632$

Calibration curve: $-0.00028932 * x^2 + 0.955308 * x + -0.0784984$

Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 14 Jul 2020 07:46:55

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

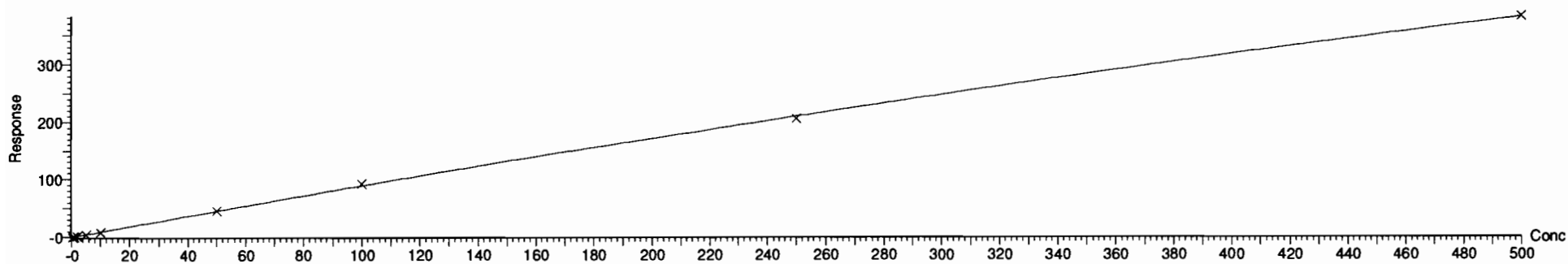
Compound name: L-EtFOSAA

Coefficient of Determination: $R^2 = 0.999572$

Calibration curve: $-0.000310614 * x^2 + 0.917172 * x + -0.0803781$

Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



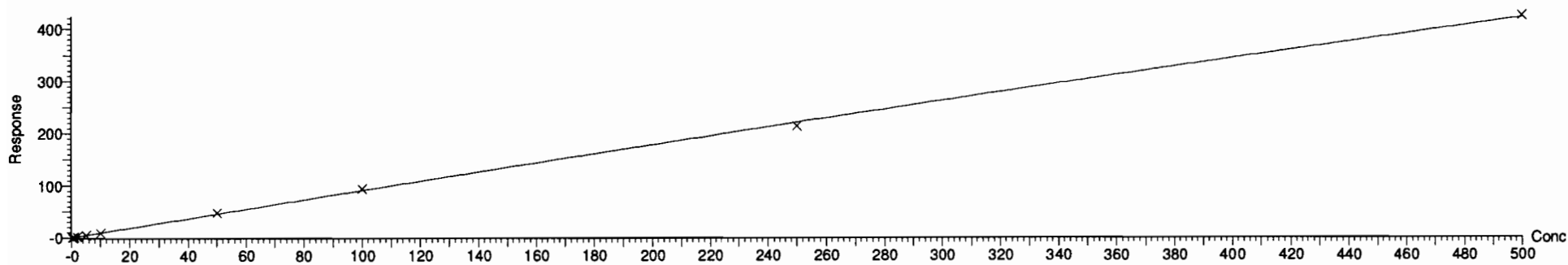
Compound name: PFUdA

Coefficient of Determination: $R^2 = 0.999368$

Calibration curve: $-0.000166193 * x^2 + 0.923243 * x + 0.00984833$

Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)

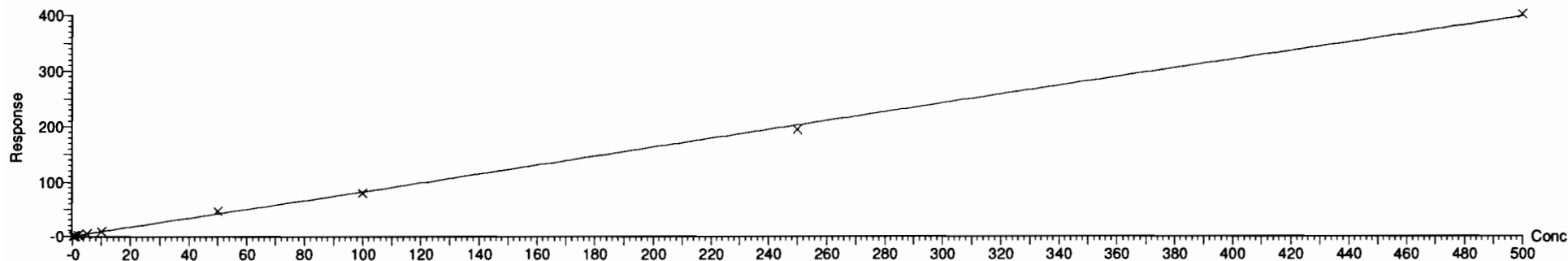
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



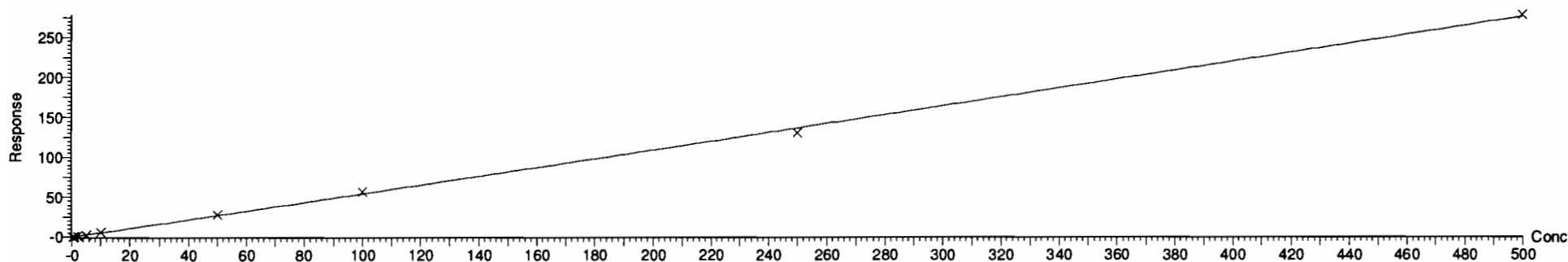
Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time
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Compound name: PFDS
Coefficient of Determination: $R^2 = 0.998331$
Calibration curve: $-5.87249e-005 * x^2 + 0.824091 * x + 0.00797254$
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 11Cl-PF30UdS
Coefficient of Determination: $R^2 = 0.999051$
Calibration curve: $2.45458e-005 * x^2 + 0.538266 * x + -0.000516182$
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

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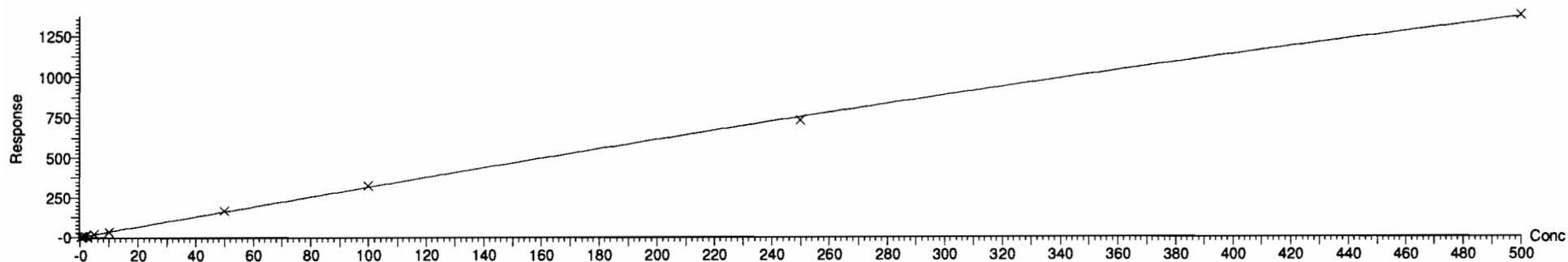
Compound name: 10:2 FTS

Coefficient of Determination: $R^2 = 0.999485$

Calibration curve: $-0.00109875 * x^2 + 3.27887 * x + -0.0560132$

Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



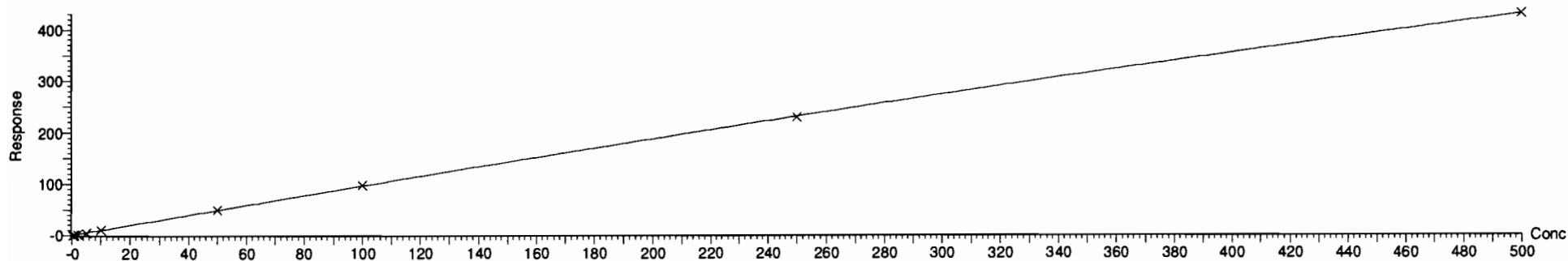
Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.999898$

Calibration curve: $-0.000254272 * x^2 + 0.985434 * x + 0.123573$

Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

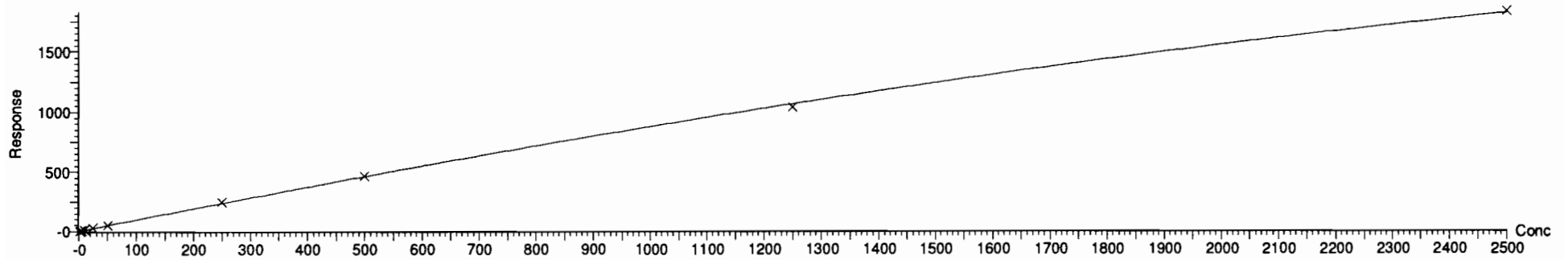


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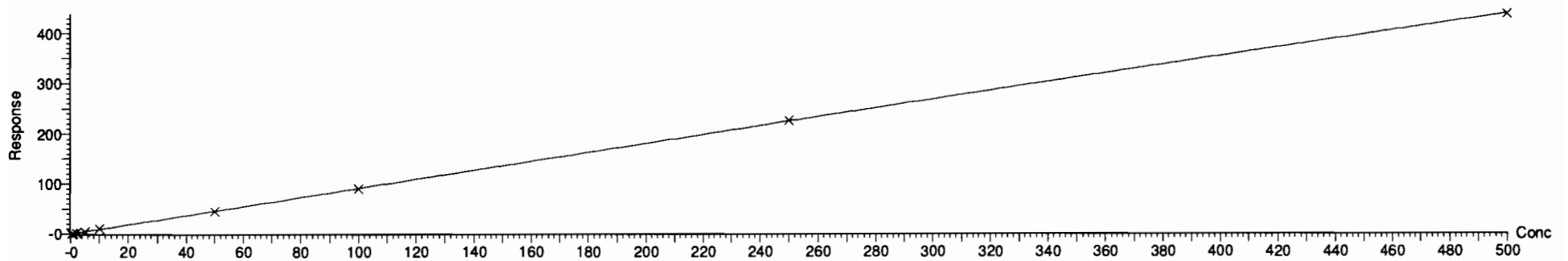
Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

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Compound name: N-MeFOSA
Coefficient of Determination: $R^2 = 0.999472$
Calibration curve: $-0.000100234 * x^2 + 0.977388 * x + 0.25356$
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFTTrDA
Coefficient of Determination: $R^2 = 0.999860$
Calibration curve: $-8.15035e-005 * x^2 + 0.917377 * x + 0.0127673$
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

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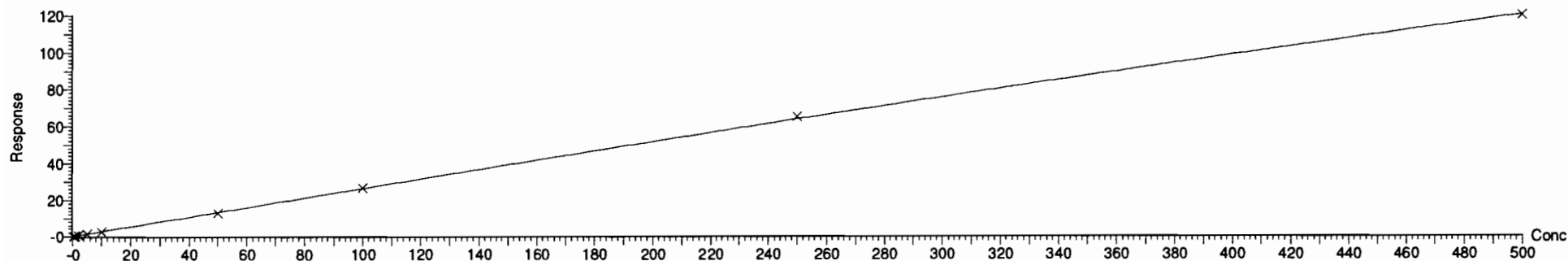
Compound name: PFDoS

Coefficient of Determination: $R^2 = 0.999712$

Calibration curve: $-5.73949e-005 * x^2 + 0.269273 * x + -0.00804463$

Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



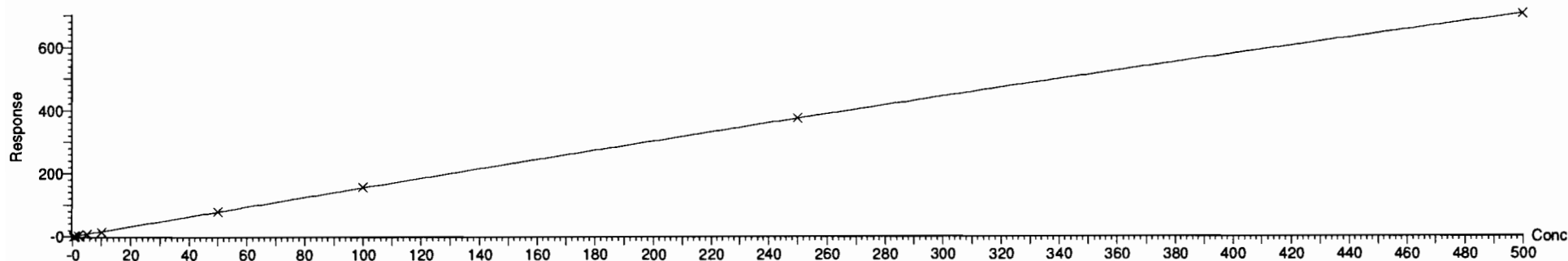
Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.999876$

Calibration curve: $-0.000342665 * x^2 + 1.57889 * x + -0.0767766$

Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

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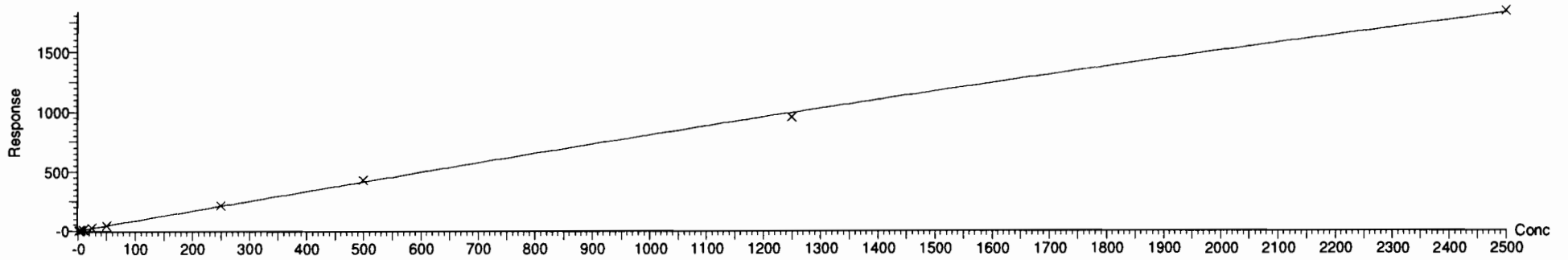
Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.999312$

Calibration curve: $-5.14651e-005 * x^2 + 0.857236 * x + 0.0512256$

Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



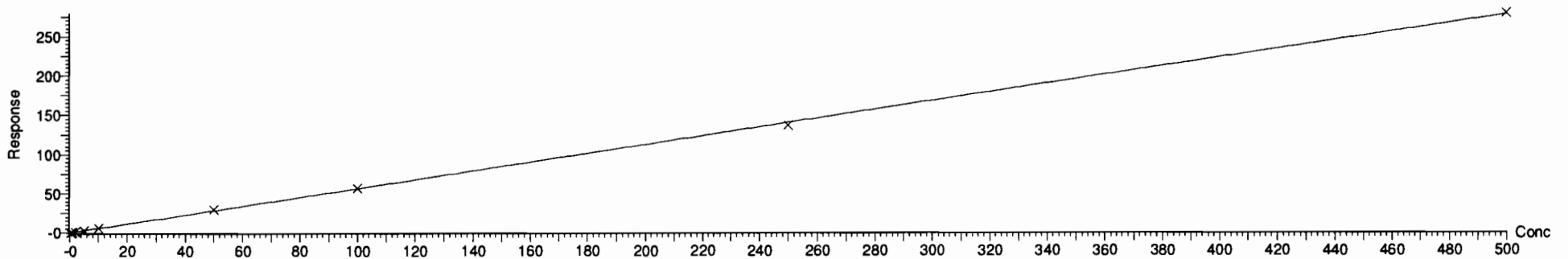
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999490$

Calibration curve: $-2.36464e-005 * x^2 + 0.565858 * x + 0.104925$

Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)

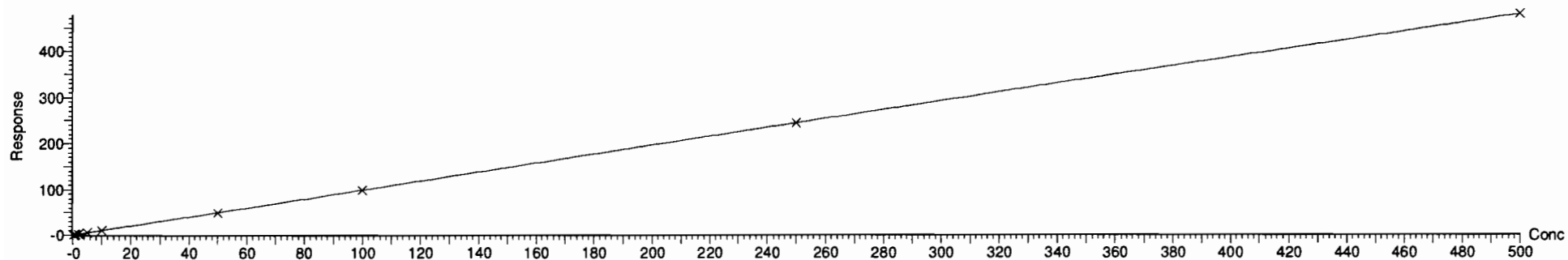
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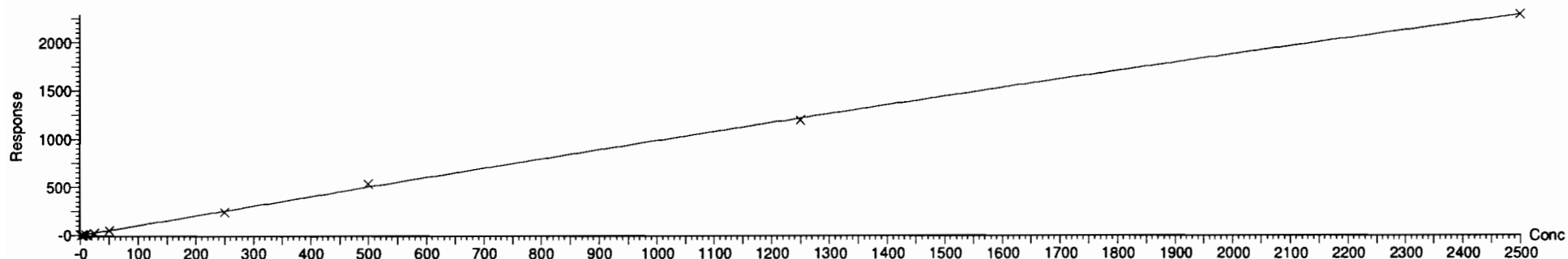
Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time
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Compound name: PFODA
Coefficient of Determination: $R^2 = 0.999967$
Calibration curve: $-6.90757e-005 * x^2 + 0.992702 * x + 0.0262967$
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: N-MeFOSE
Coefficient of Determination: $R^2 = 0.999262$
Calibration curve: $-4.59673e-005 * x^2 + 1.02878 * x + -0.100429$
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 10:52:09 Pacific Daylight Time

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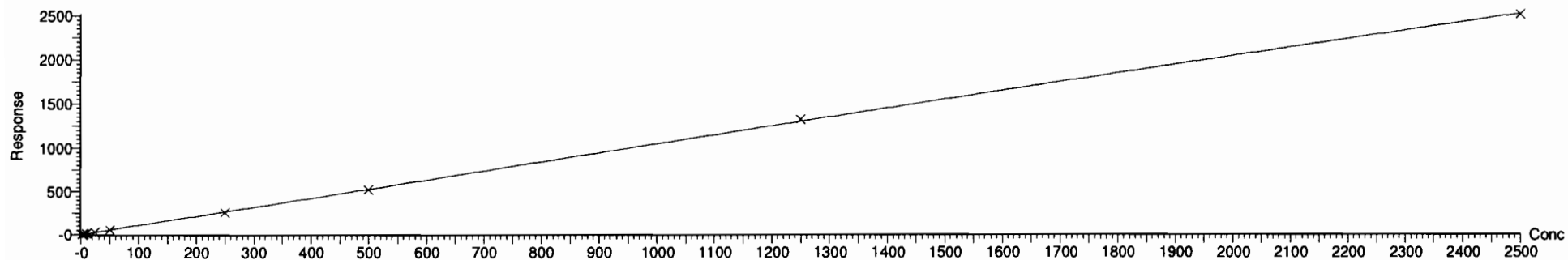
Compound name: N-EtFOSE

Coefficient of Determination: $R^2 = 0.999839$

Calibration curve: $-2.46856e-005 * x^2 + 1.06967 * x + 0.0785905$

Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

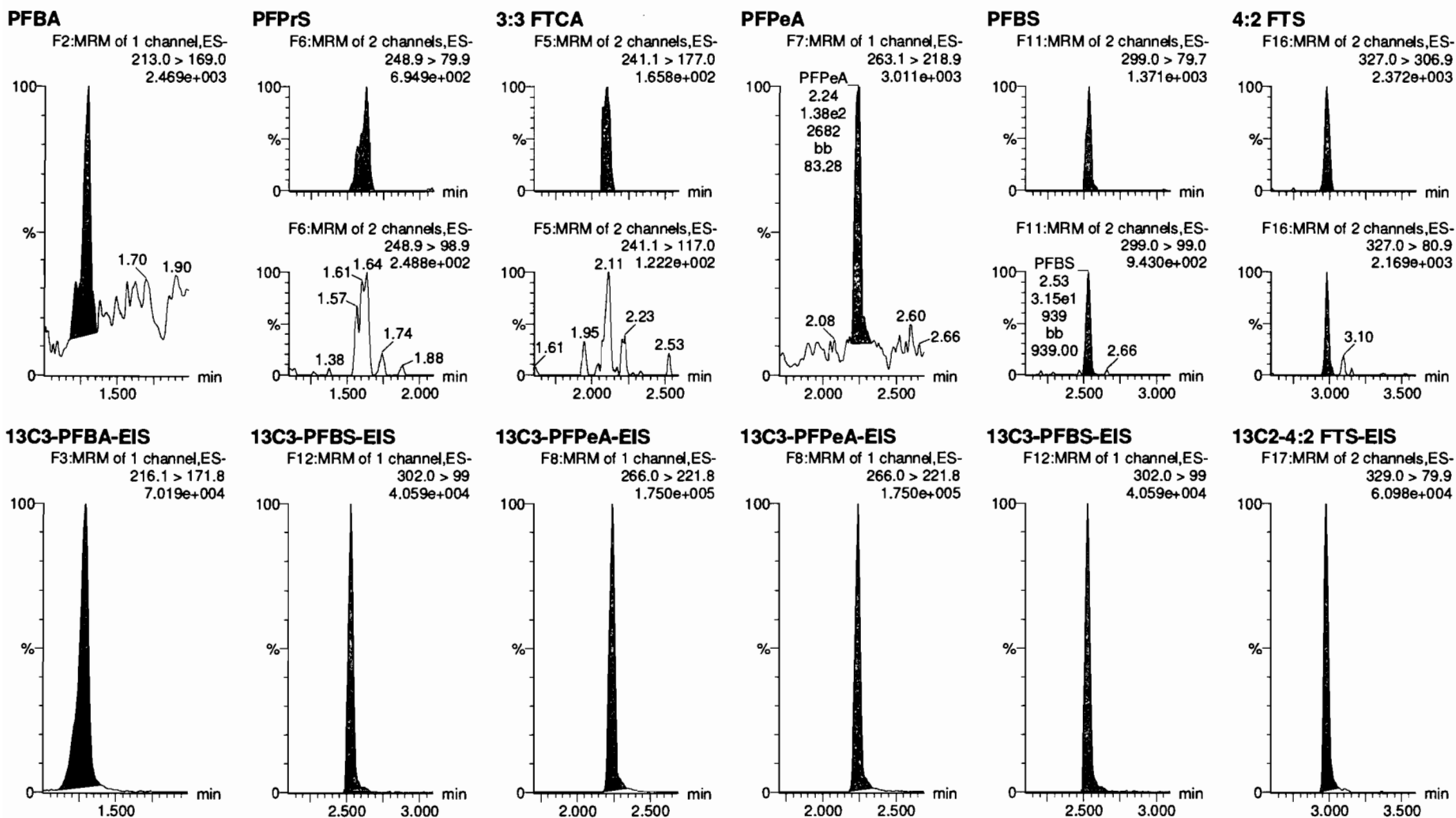
Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 15 Jul 2020 09:41:38

Calibration: 15 Jul 2020 09:40:36

Name: 200714M1_3, Date: 14-Jul-2020, Time: 15:30:06, ID: ST200714M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

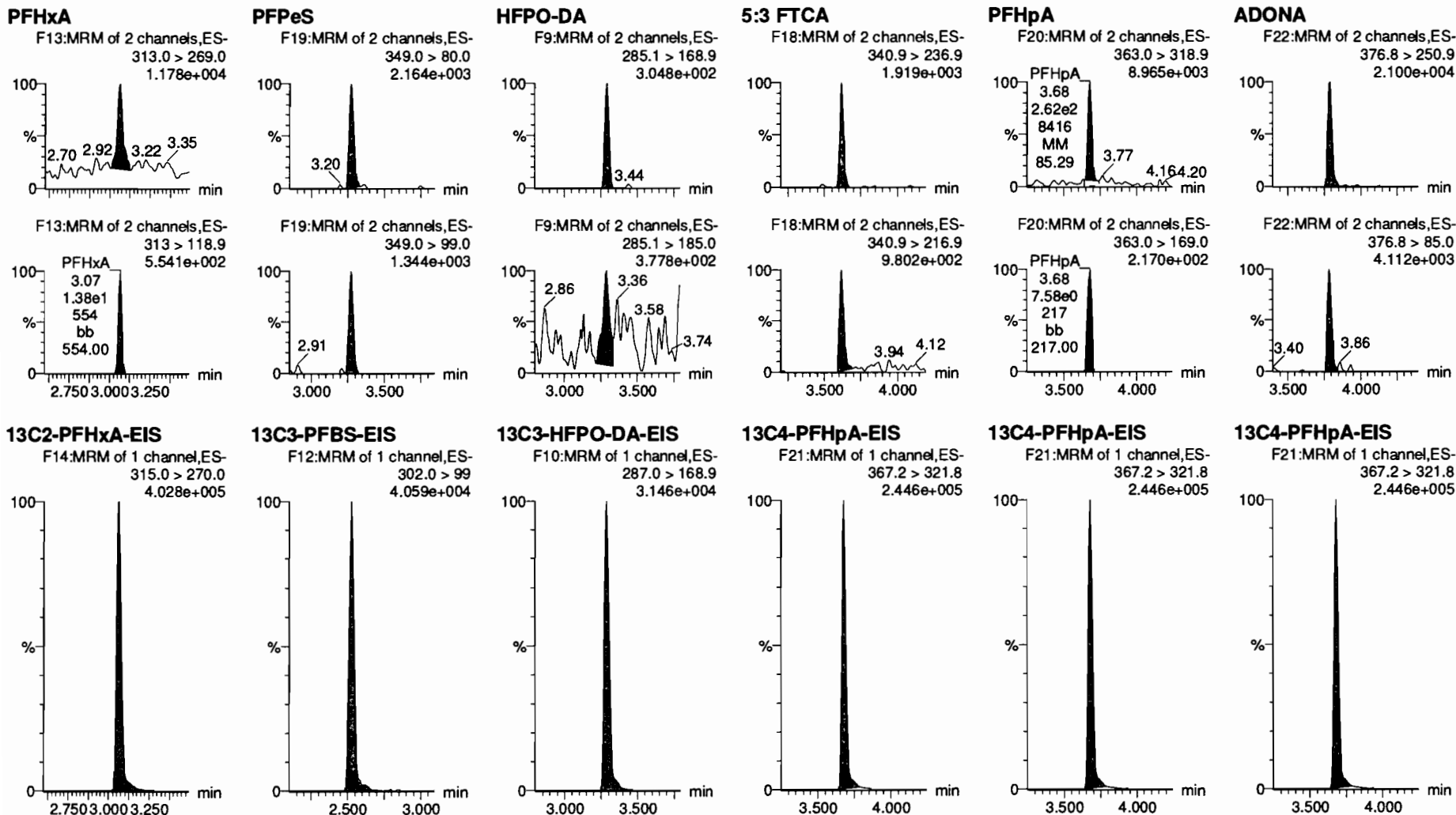


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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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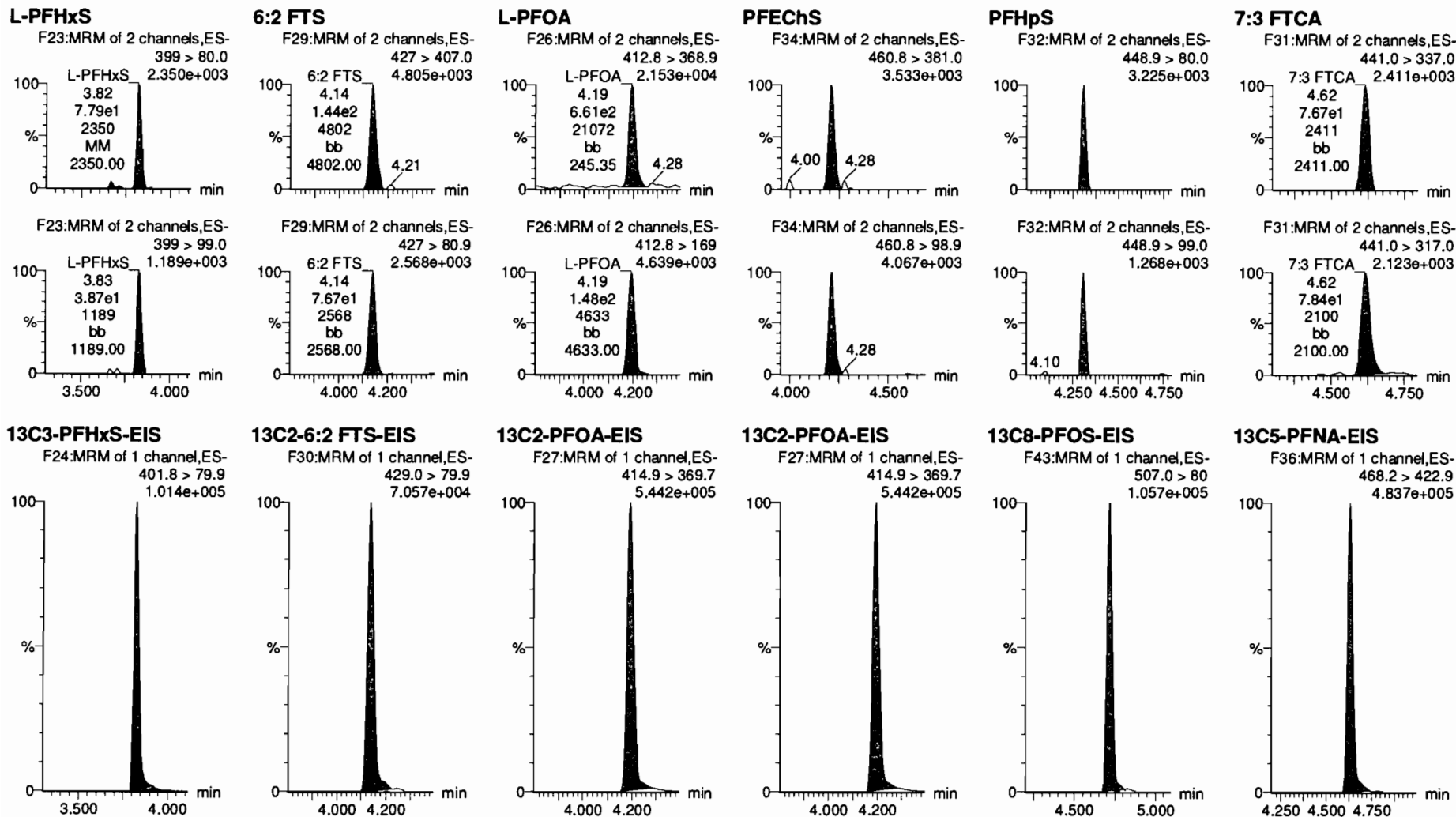


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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

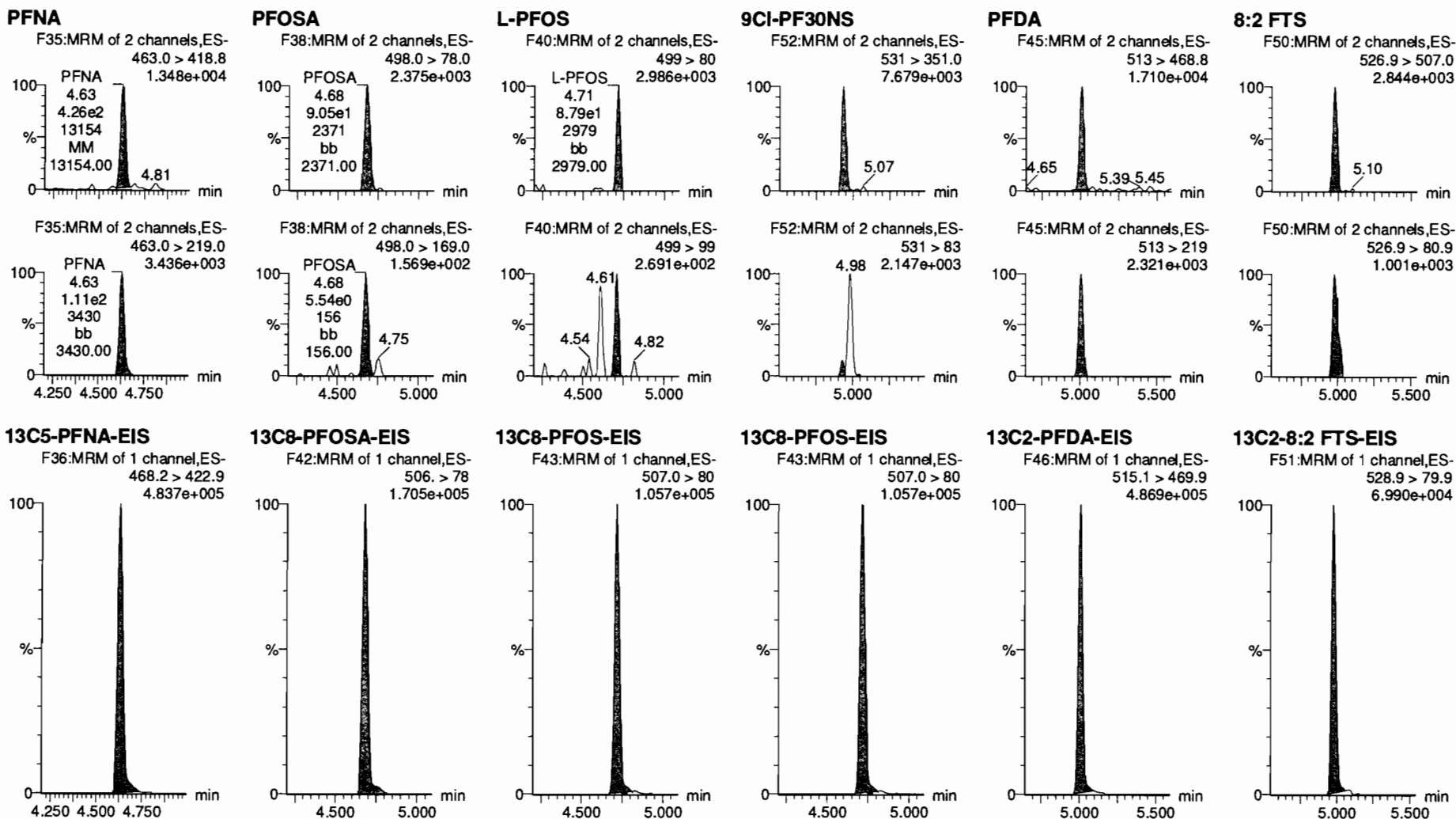
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Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time
Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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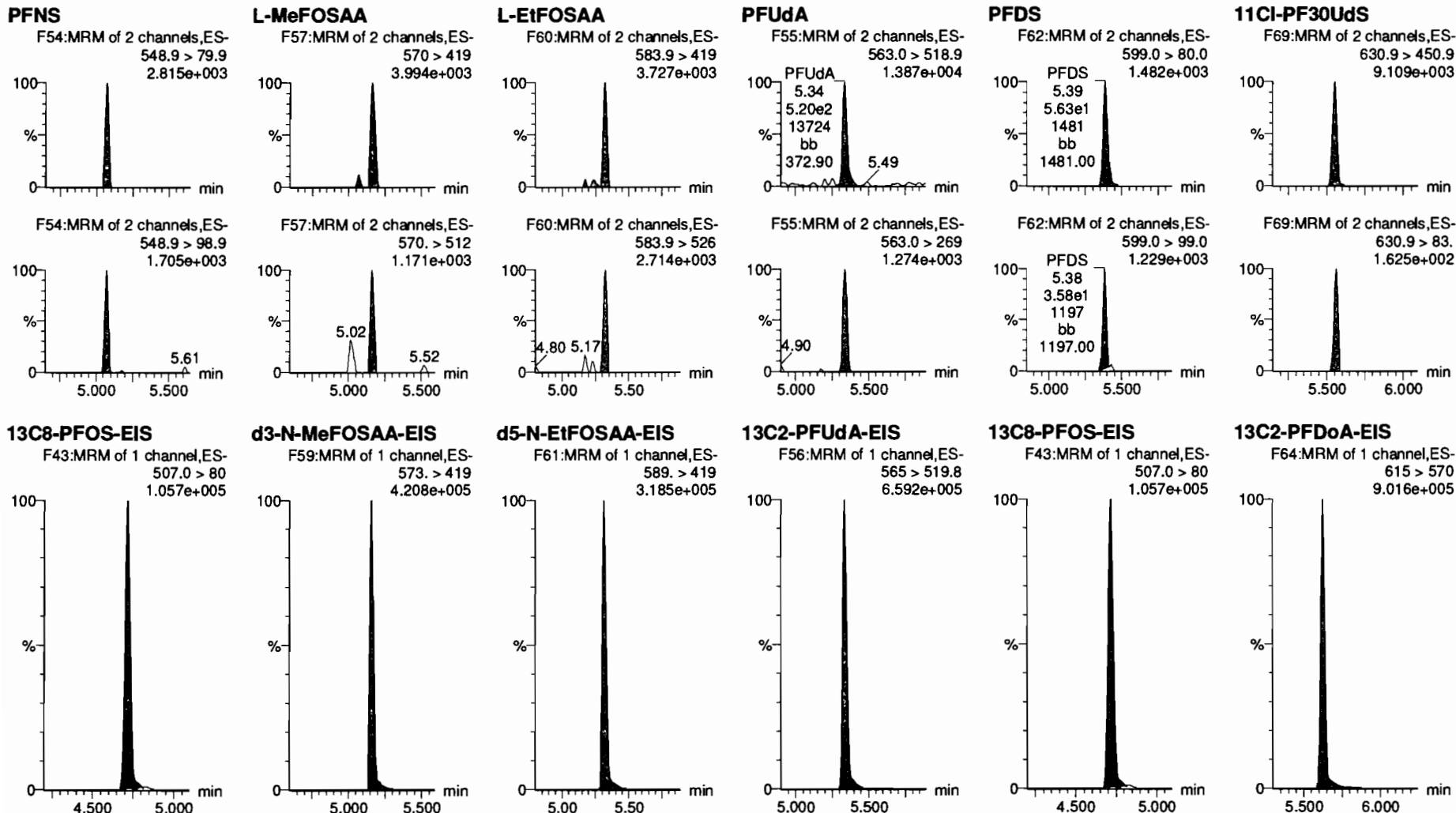


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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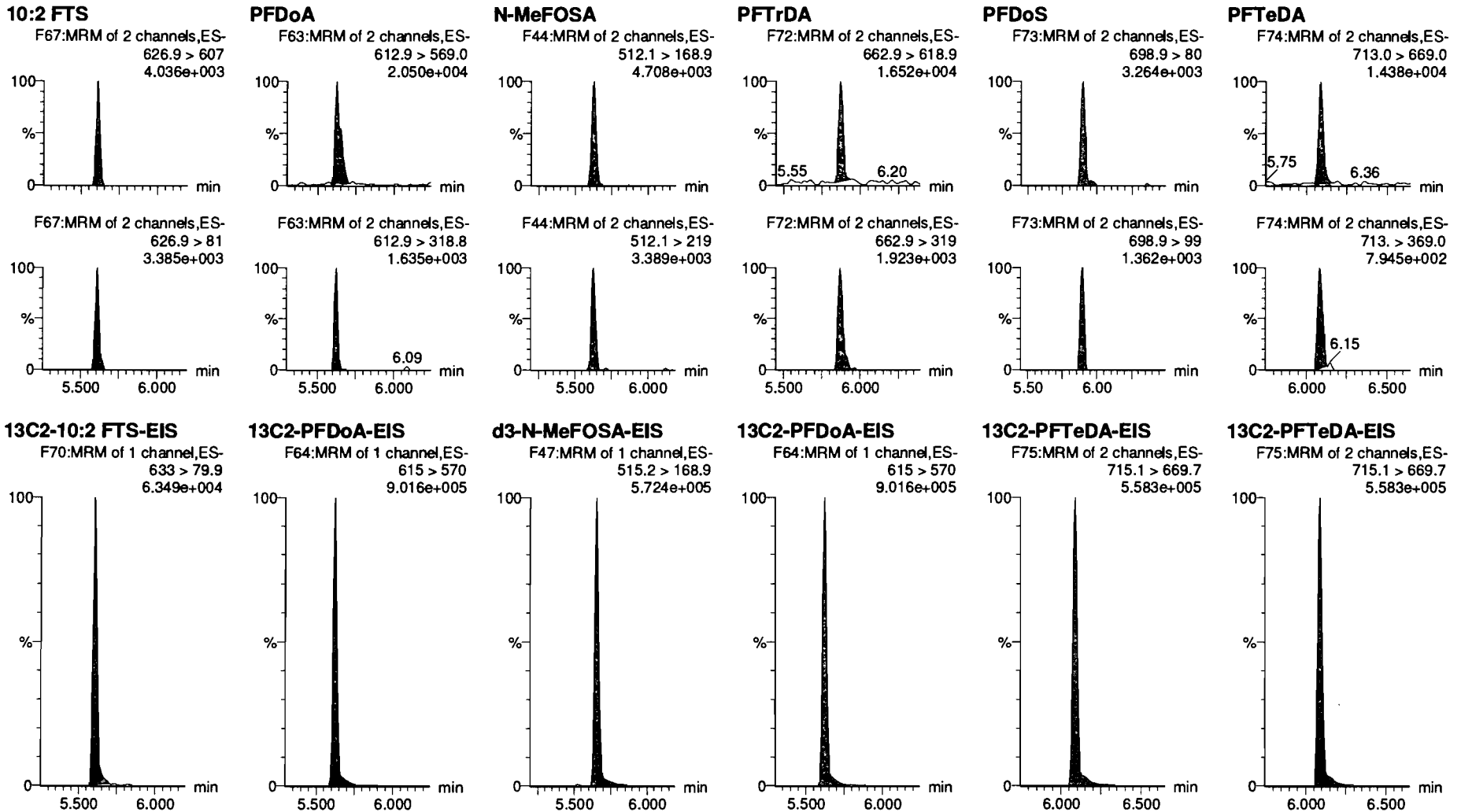


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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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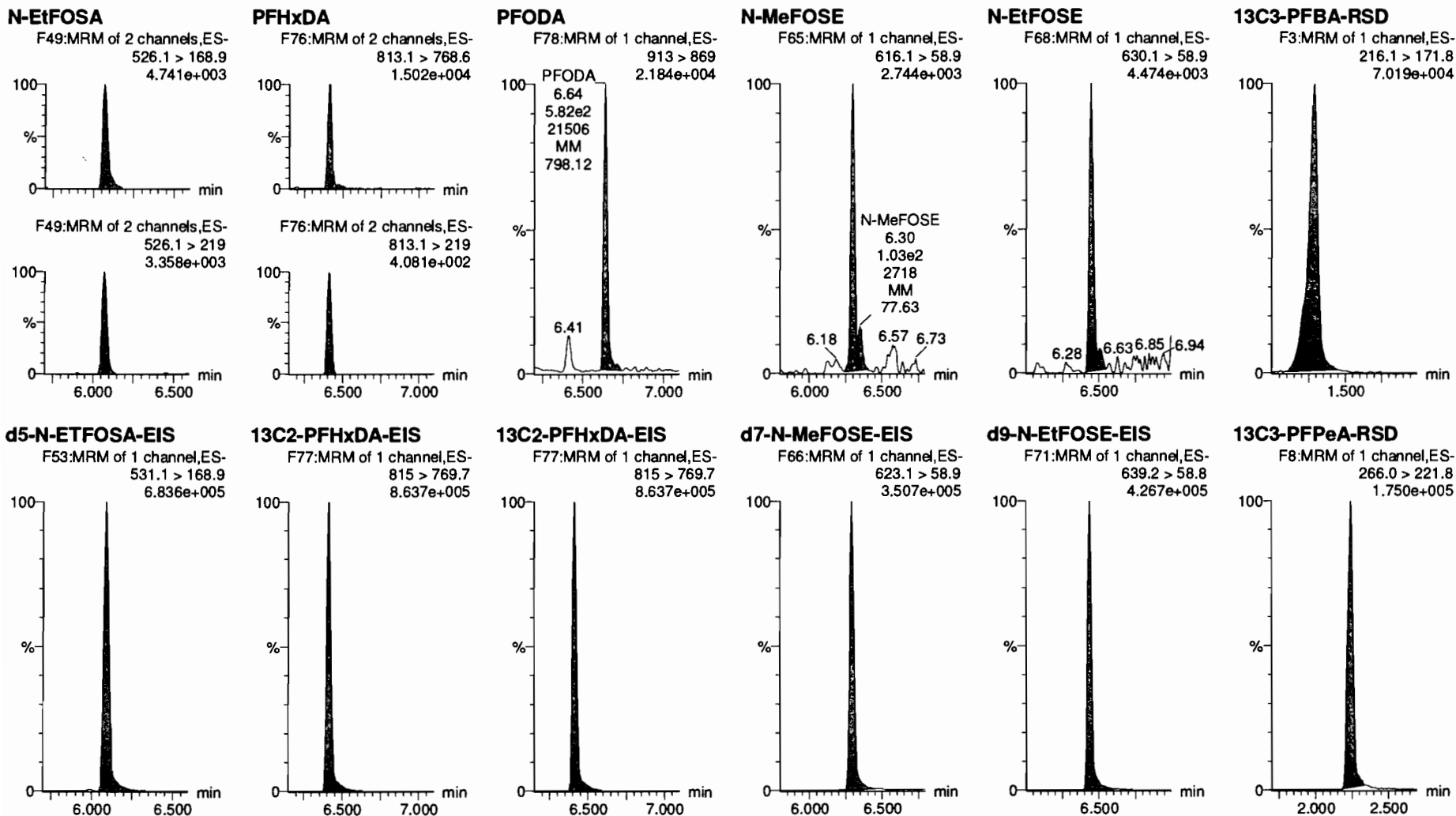


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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_3, Date: 14-Jul-2020, Time: 15:30:06, ID: ST200714M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901



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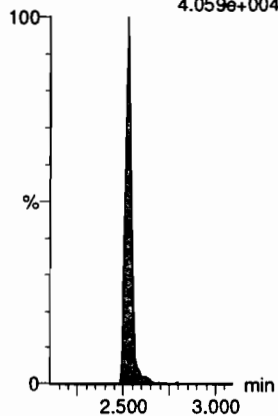
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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_3, Date: 14-Jul-2020, Time: 15:30:06, ID: ST200714M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

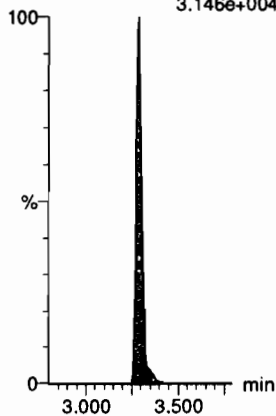
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
4.059e+004



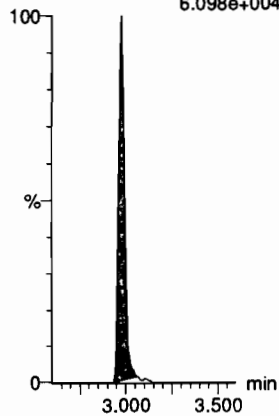
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.146e+004



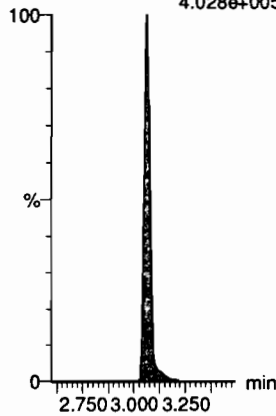
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.098e+004



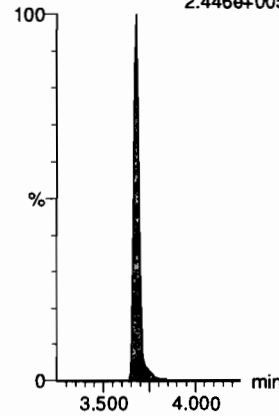
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
4.028e+005



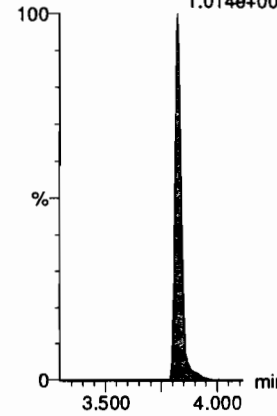
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.446e+005



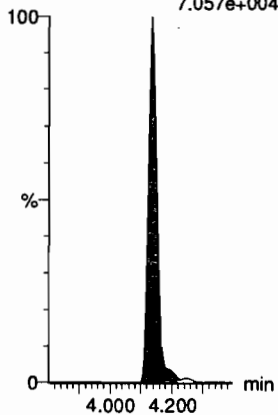
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.014e+005



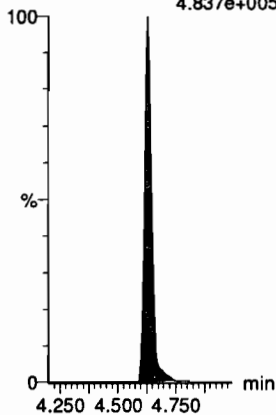
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
7.057e+004



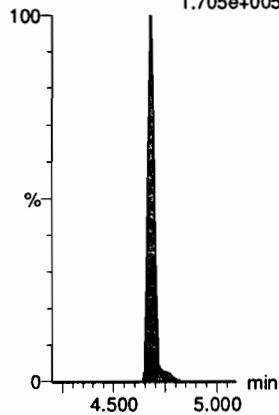
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.837e+005



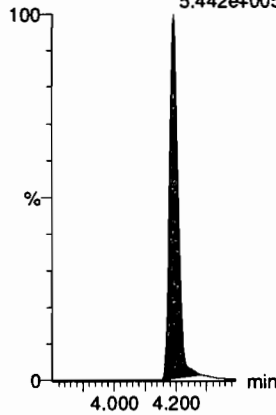
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.705e+005



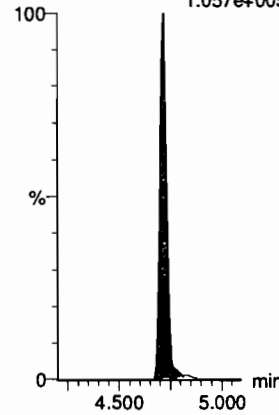
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.442e+005



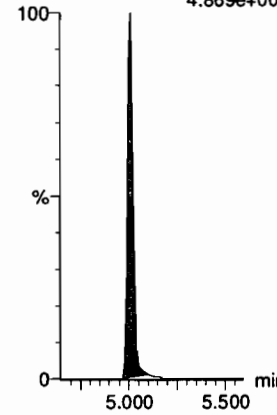
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.057e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.869e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

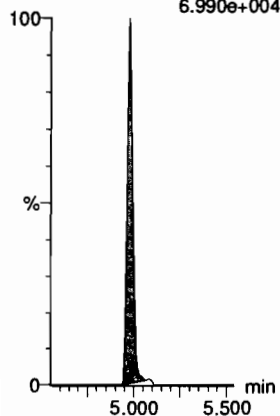
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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_3, Date: 14-Jul-2020, Time: 15:30:06, ID: ST200714M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

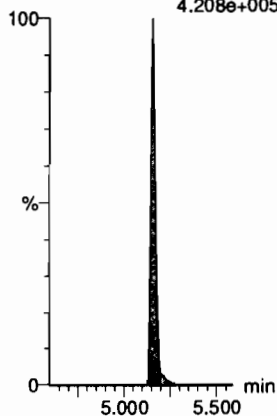
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.990e+004



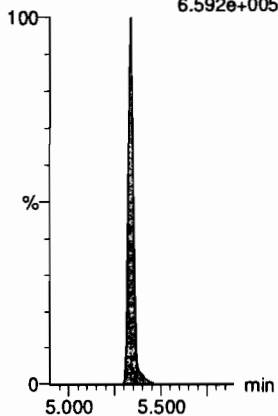
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.208e+005



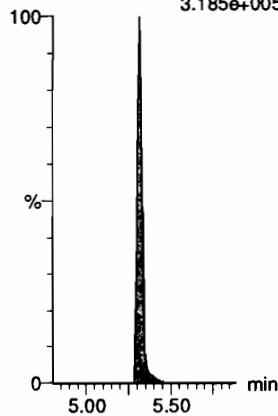
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.592e+005



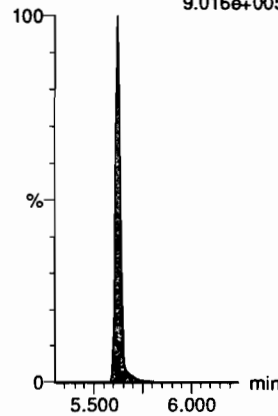
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.185e+005



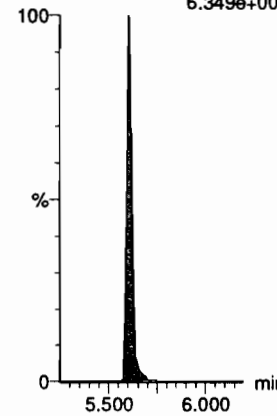
13C2-PFDaA-RSD

F64:MRM of 1 channel,ES-
615 > 570
9.016e+005



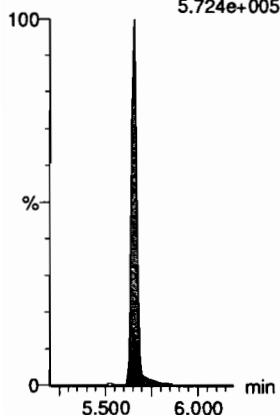
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
6.349e+004



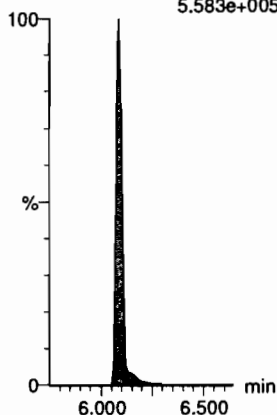
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.724e+005



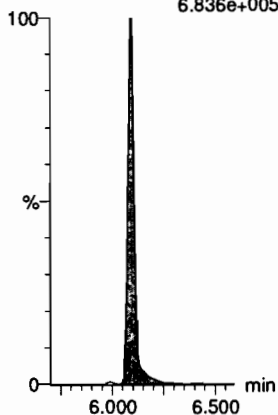
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.583e+005



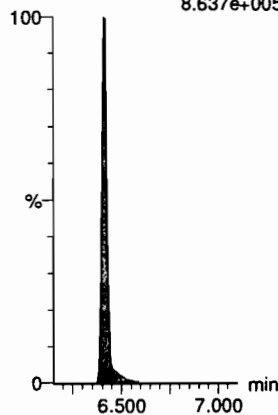
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.836e+005



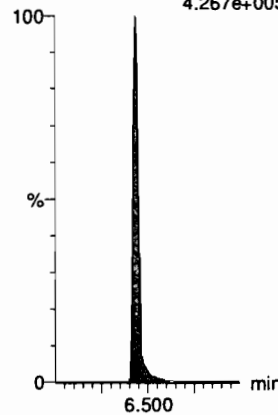
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.637e+005



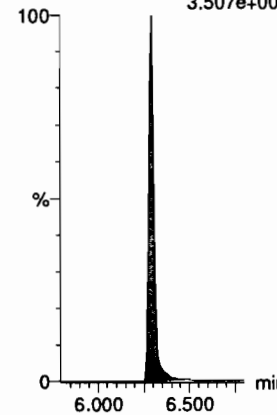
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.267e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.507e+005



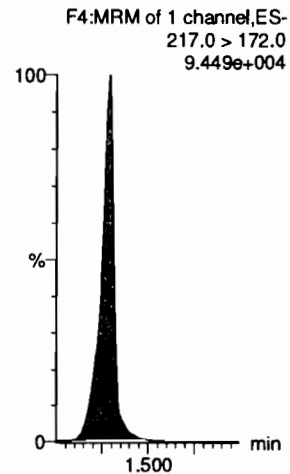
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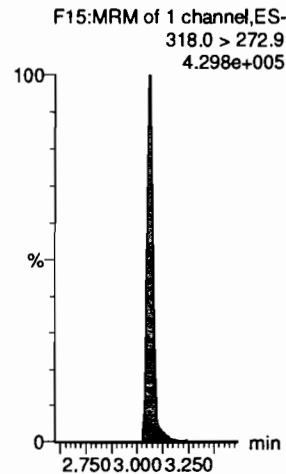
Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_3, Date: 14-Jul-2020, Time: 15:30:06, ID: ST200714M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

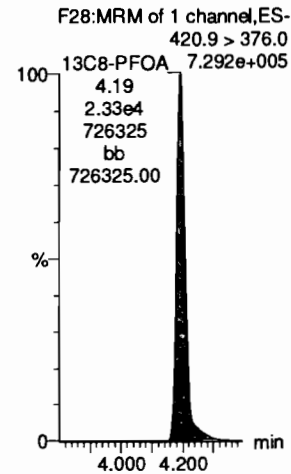
13C4-PFBA



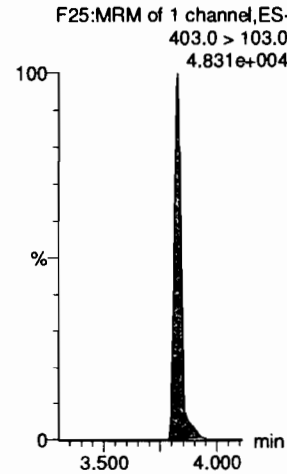
13C5-PFHxA



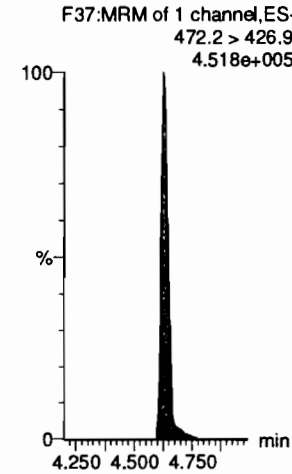
13C8-PFOA



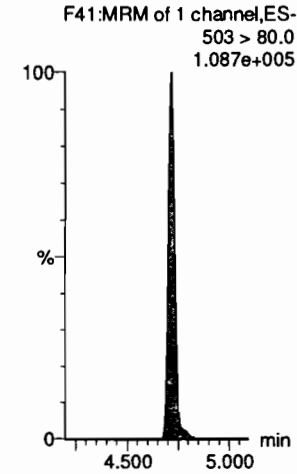
18O2-PFHxS



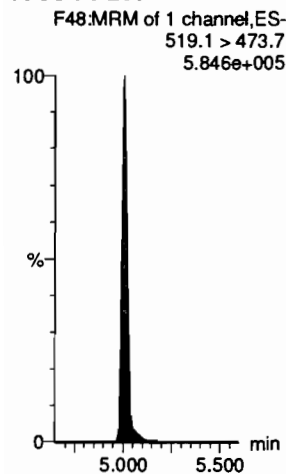
13C9-PFNA



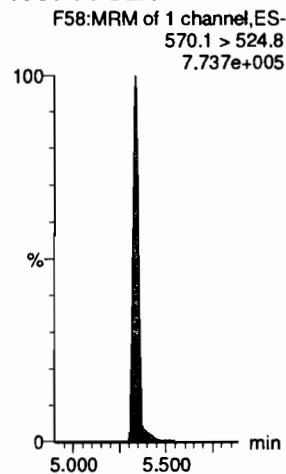
13C4-PFOS



13C6-PFDA



13C7-PFuDA

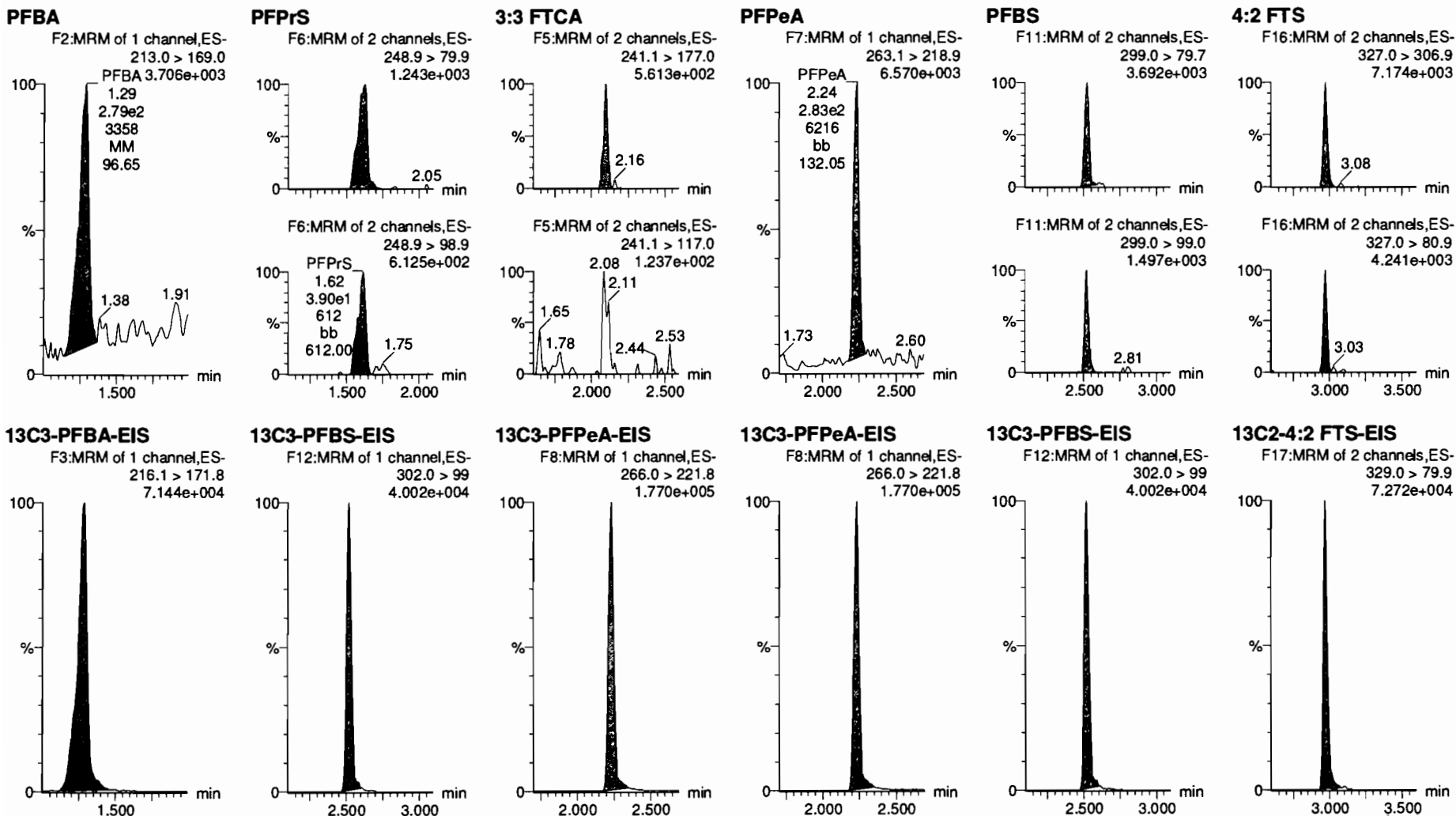


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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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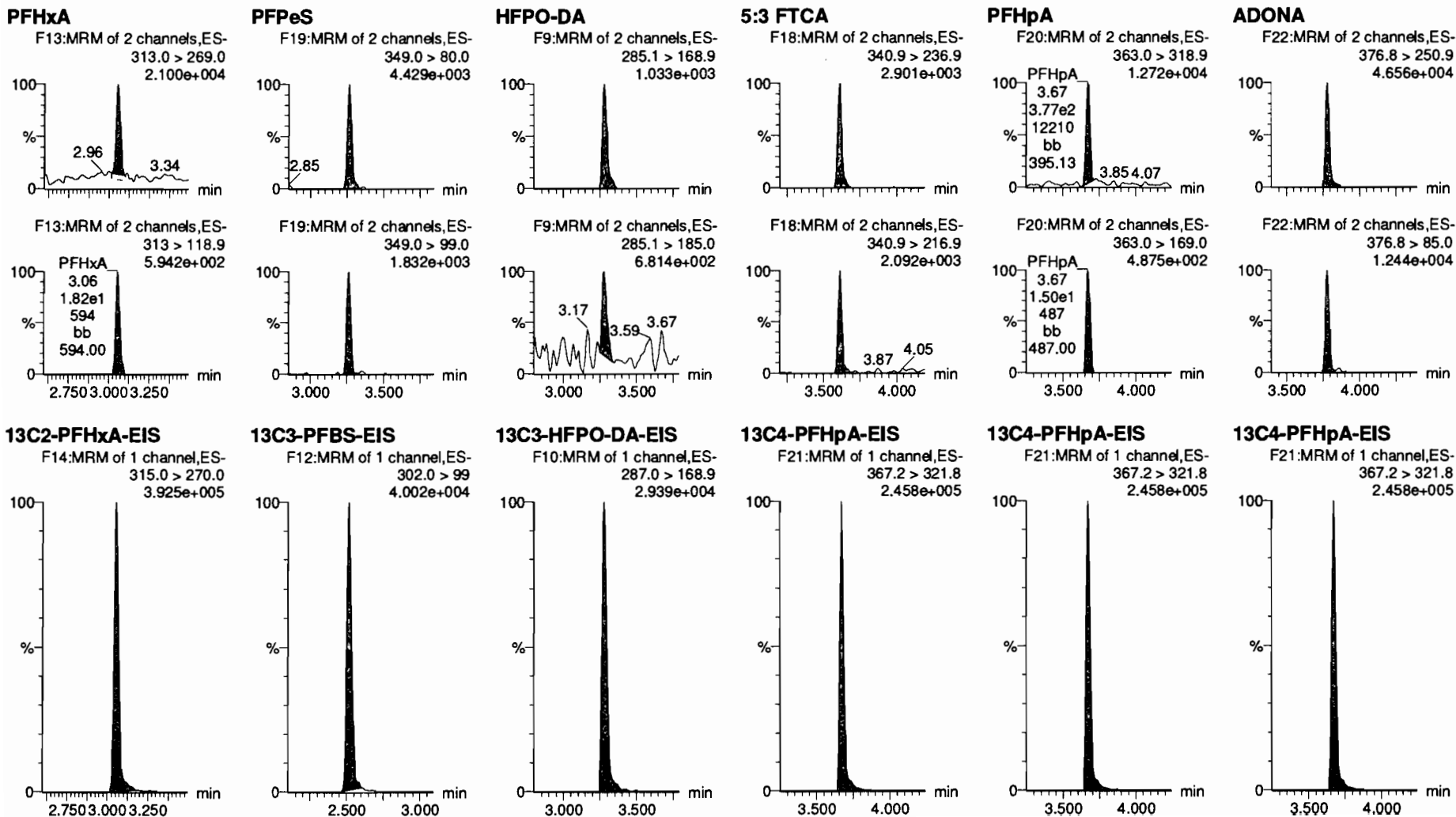


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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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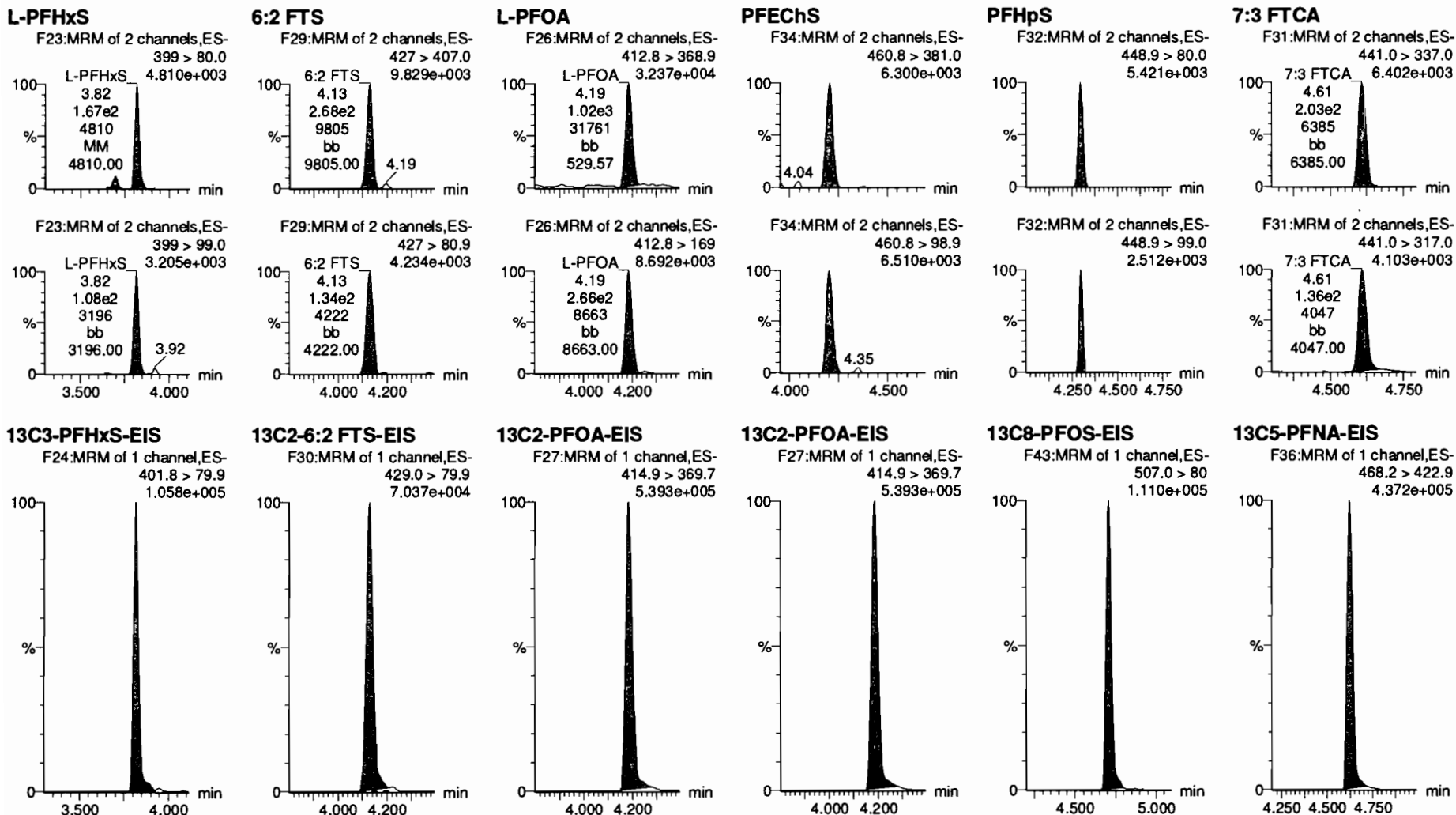


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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_4, Date: 14-Jul-2020, Time: 15:40:31, ID: ST200714M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

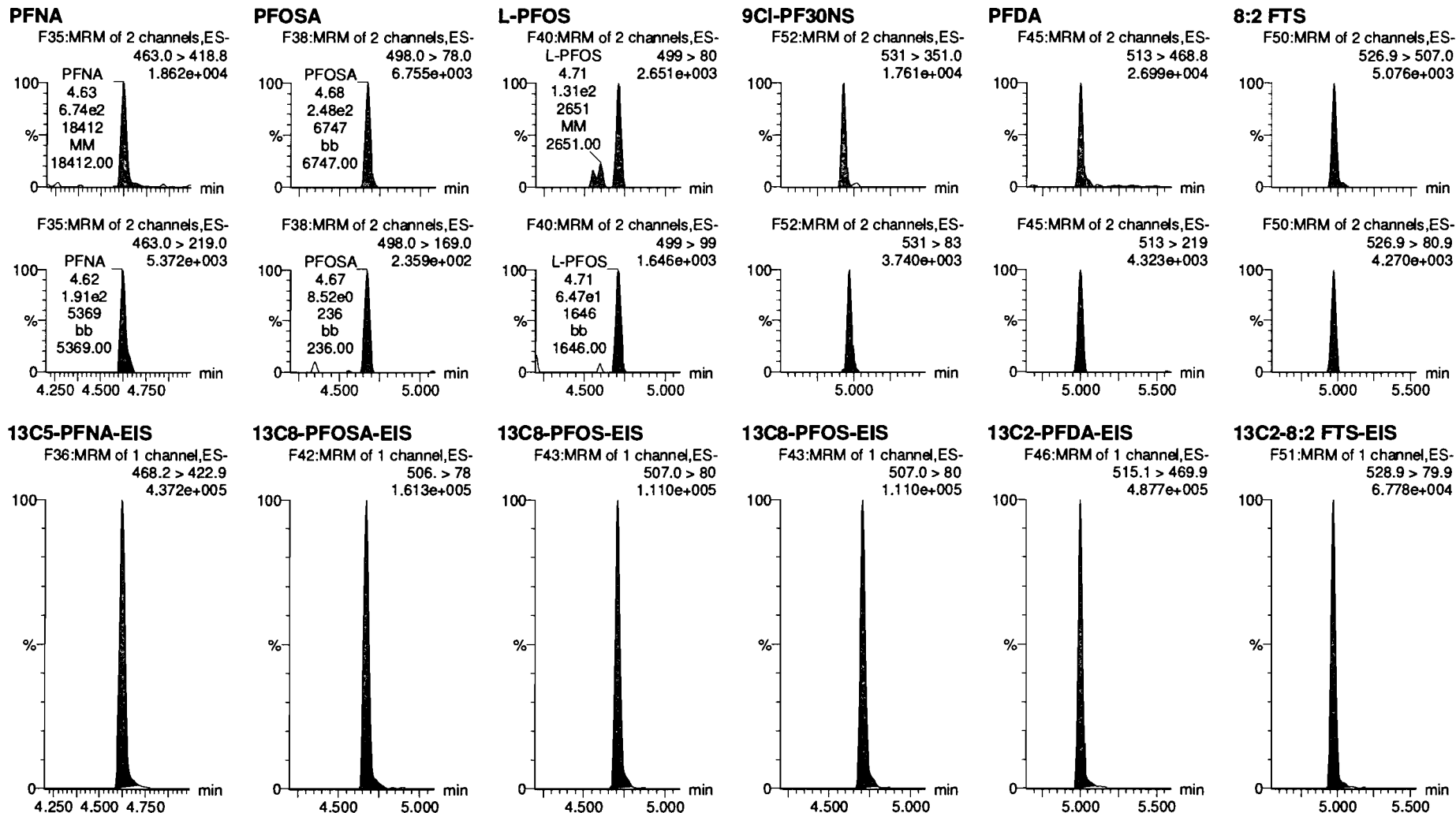


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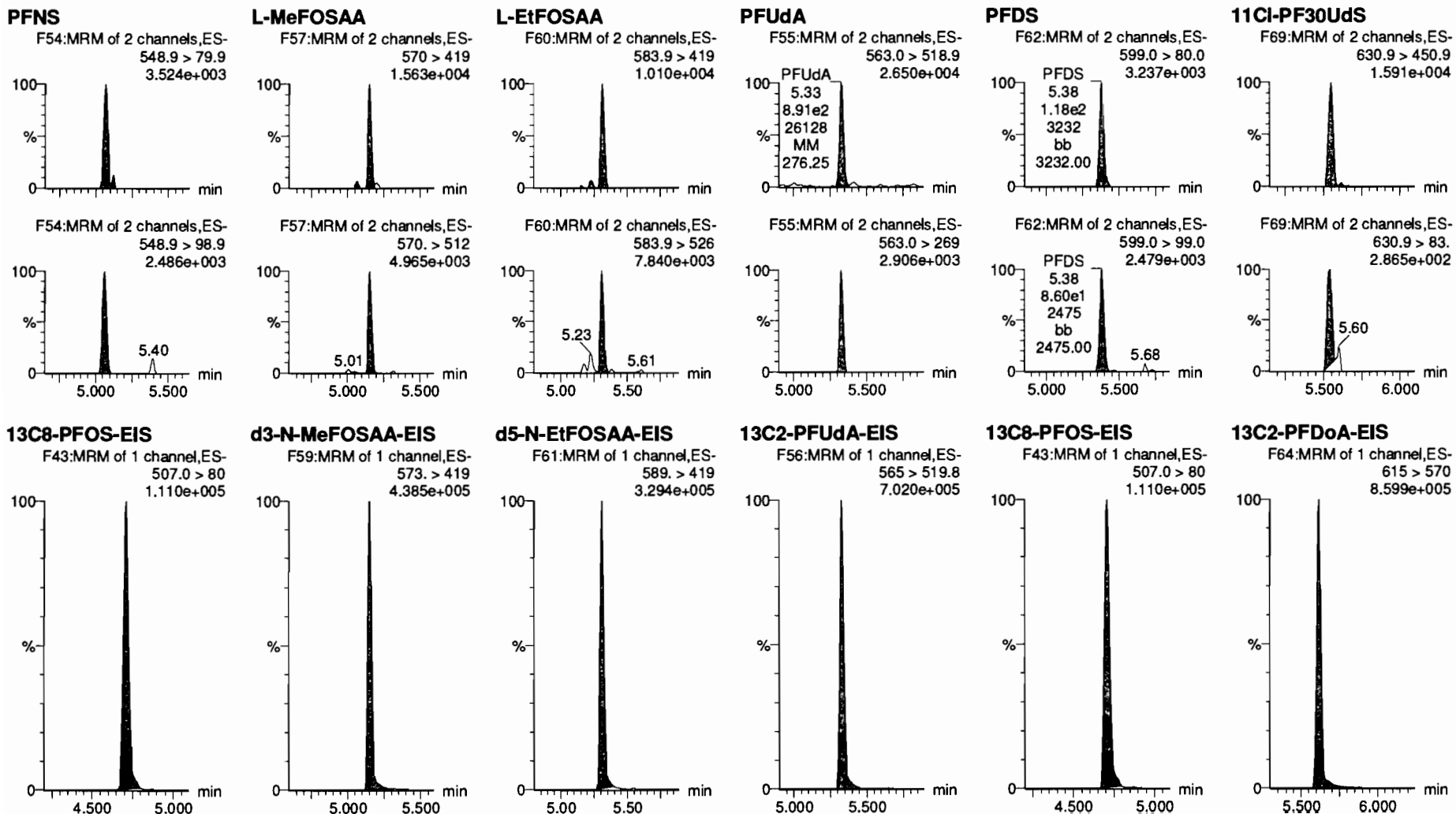


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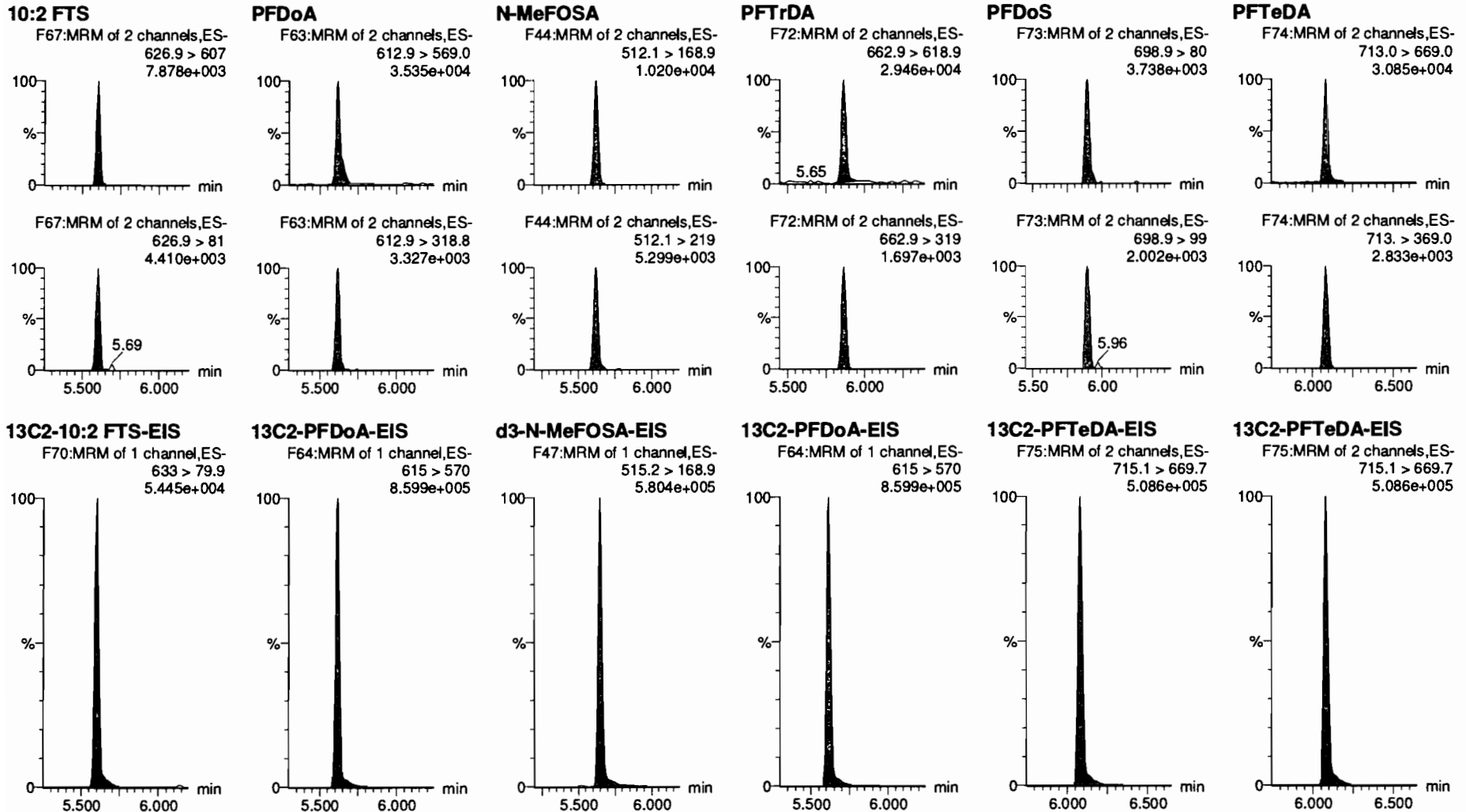
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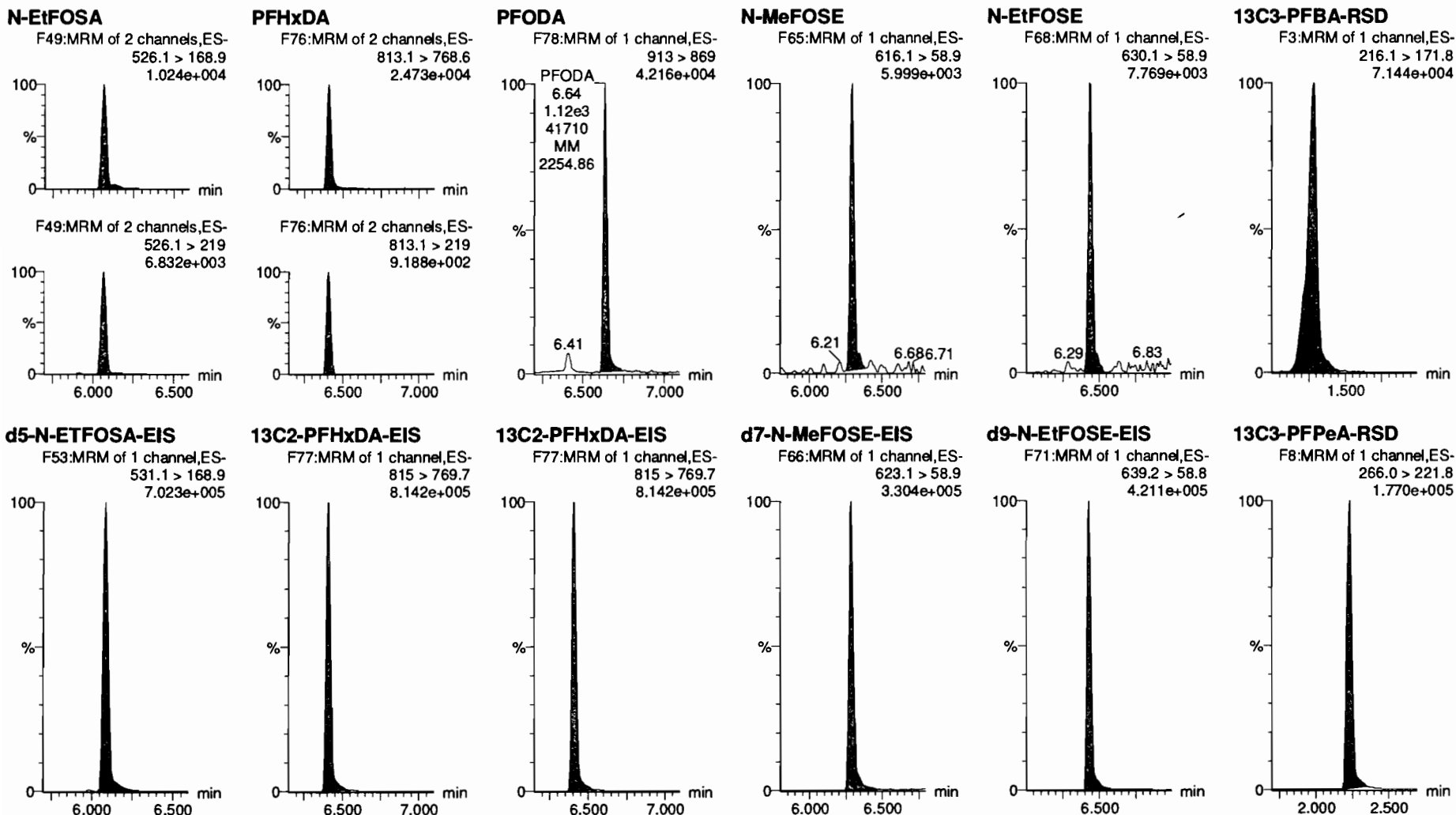
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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time
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Name: 200714M1_4, Date: 14-Jul-2020, Time: 15:40:31, ID: ST200714M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902



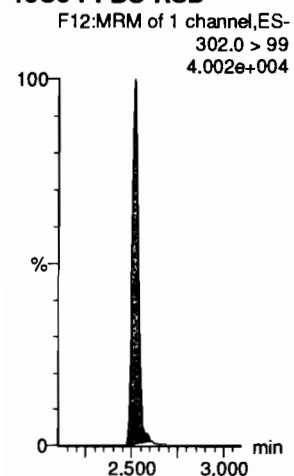
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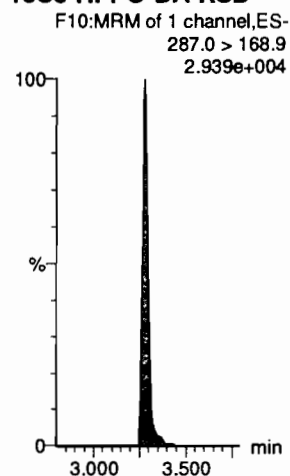
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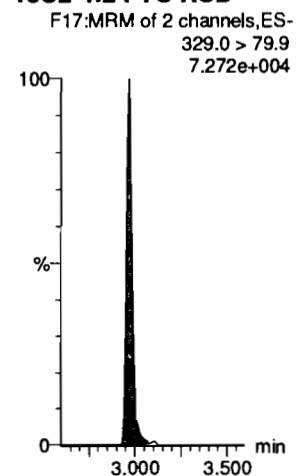
13C3-PFBS-RSD



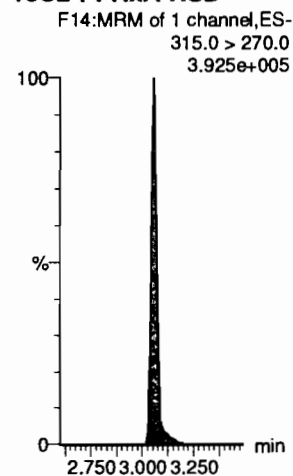
13C3-HFPO-DA-RSD



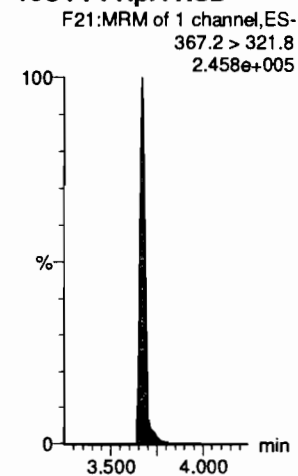
13C2-4:2 FTS-RSD



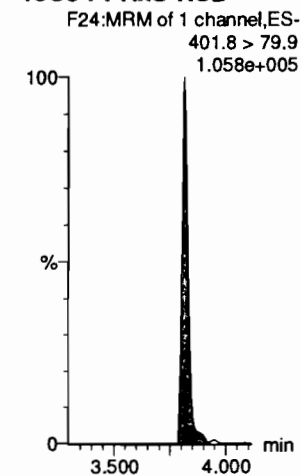
13C2-PFHxA-RSD



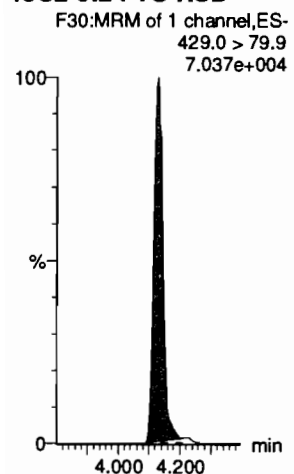
13C4-PFHpA-RSD



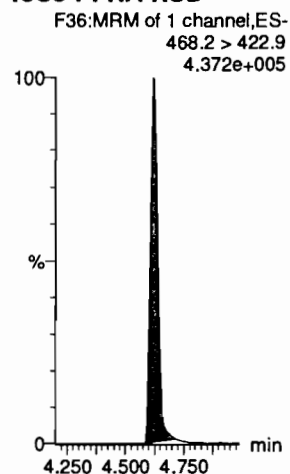
13C3-PFHxS-RSD



13C2-6:2 FTS-RSD



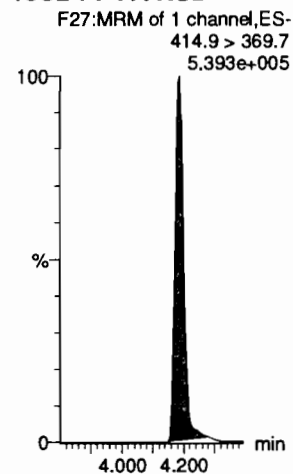
13C5-PFNA-RSD



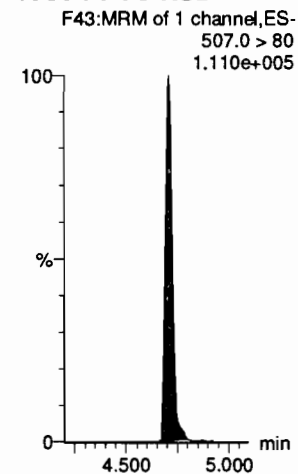
13C8-PFOA-RSD



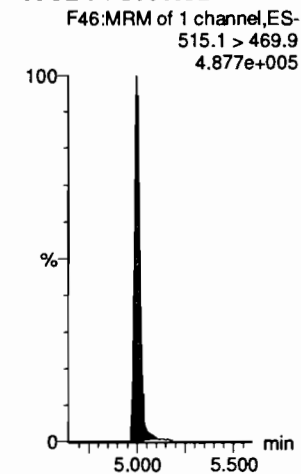
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

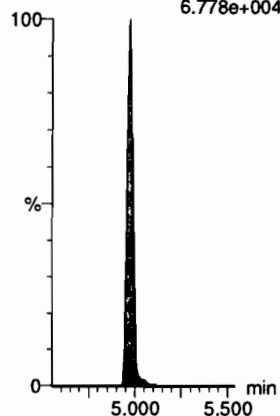
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Name: 200714M1_4, Date: 14-Jul-2020, Time: 15:40:31, ID: ST200714M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

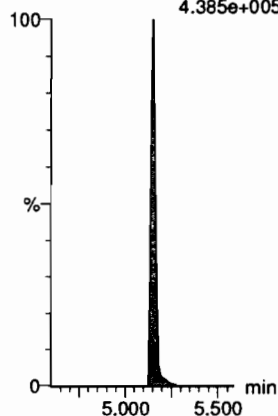
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.778e+004



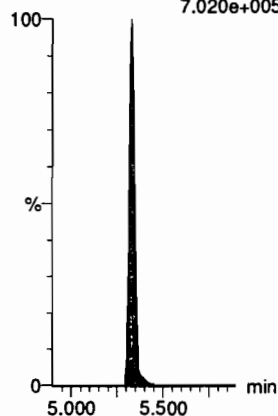
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.385e+005



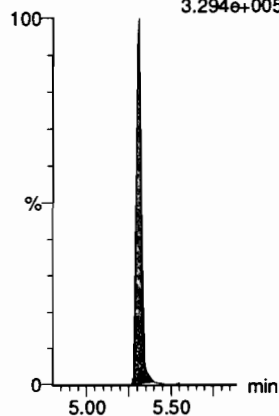
13C2-PFUdA-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
7.020e+005



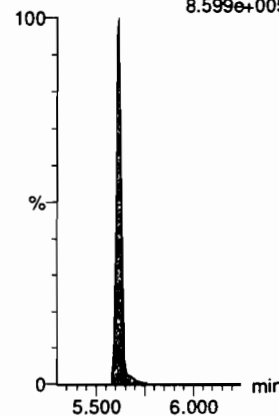
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.294e+005



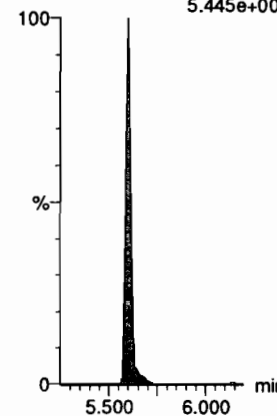
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
8.599e+005



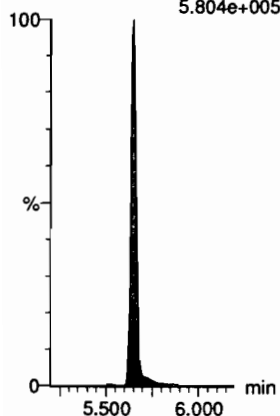
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.445e+004



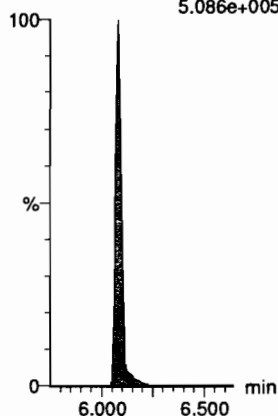
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.804e+005



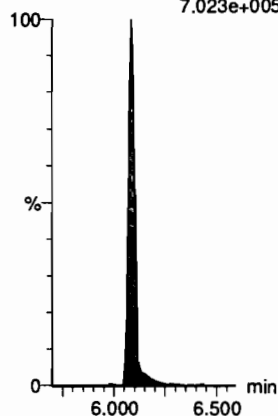
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.086e+005



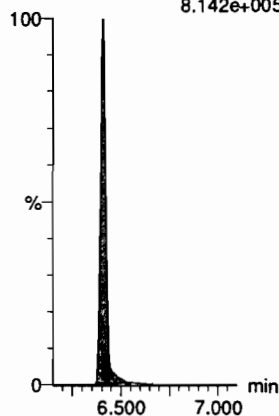
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.023e+005



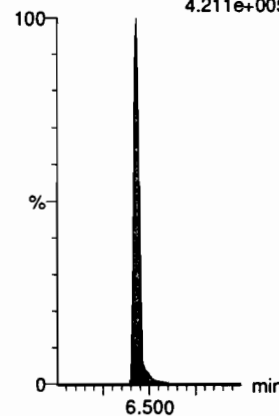
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.142e+005



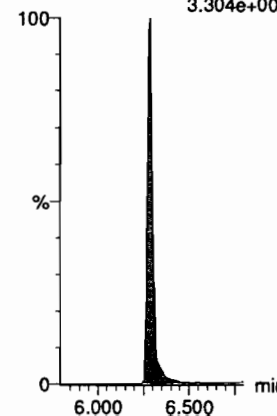
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.211e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.304e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

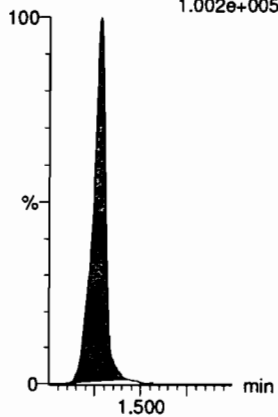
Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_4, Date: 14-Jul-2020, Time: 15:40:31, ID: ST200714M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

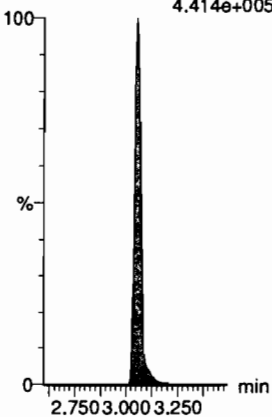
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
1.002e+005



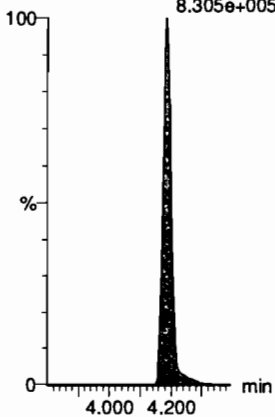
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.414e+005



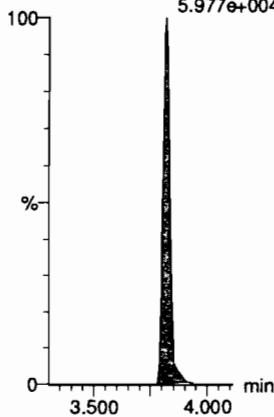
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
8.305e+005



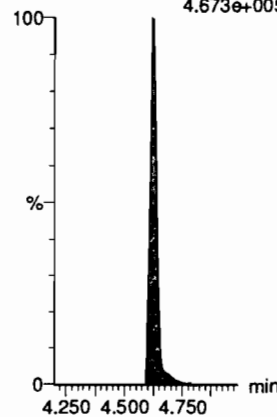
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
5.977e+004



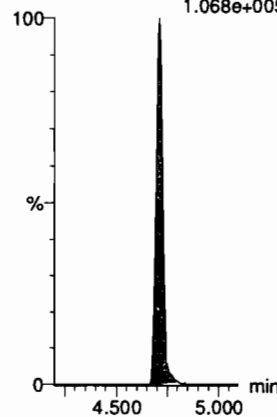
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
4.673e+005



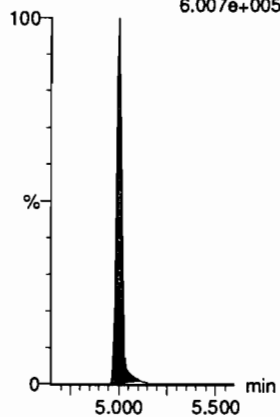
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.068e+005



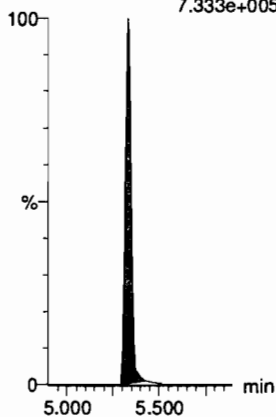
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
6.007e+005



13C7-PFUdA

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.333e+005

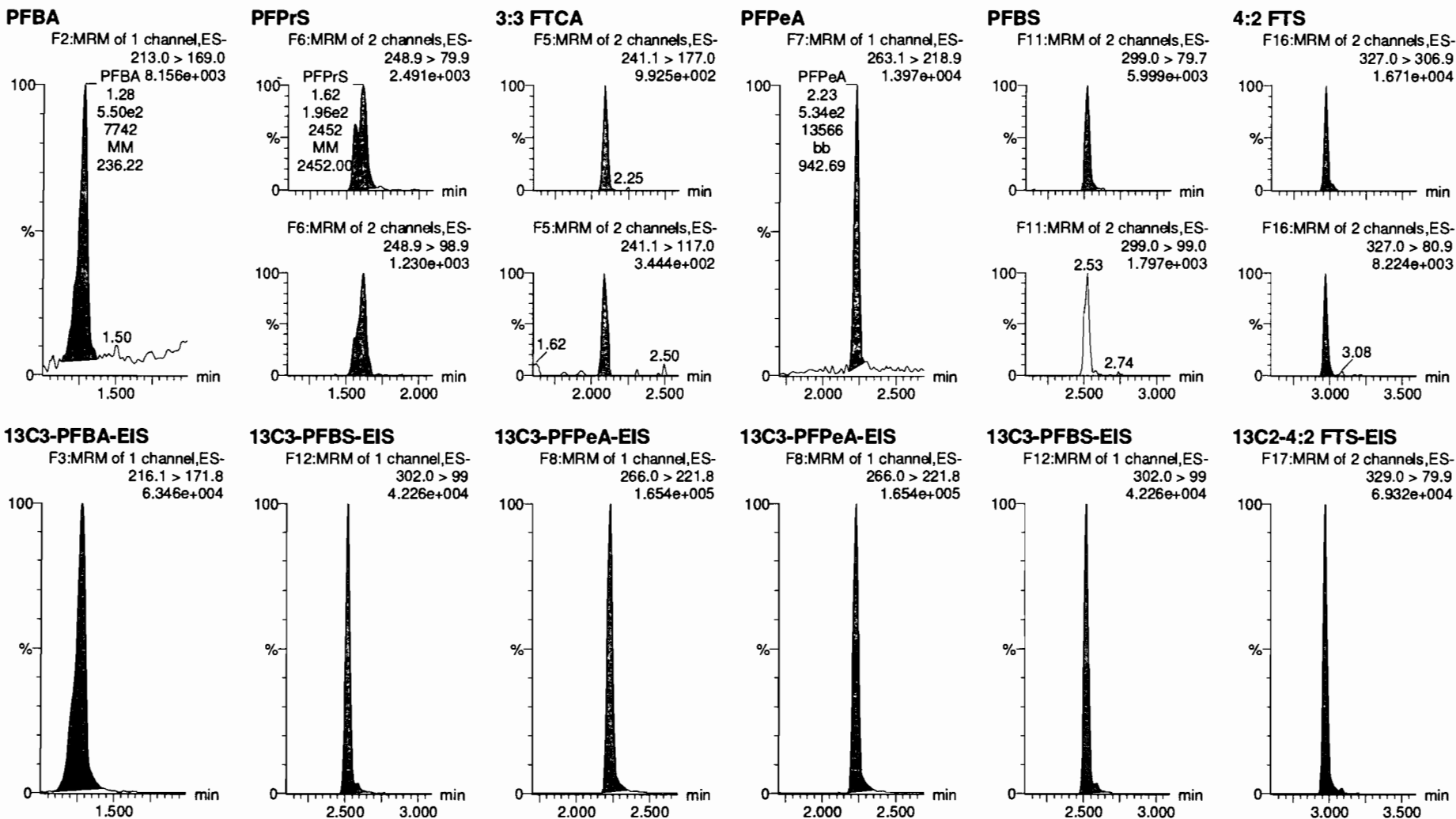


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_5, Date: 14-Jul-2020, Time: 15:50:56, ID: ST200714M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

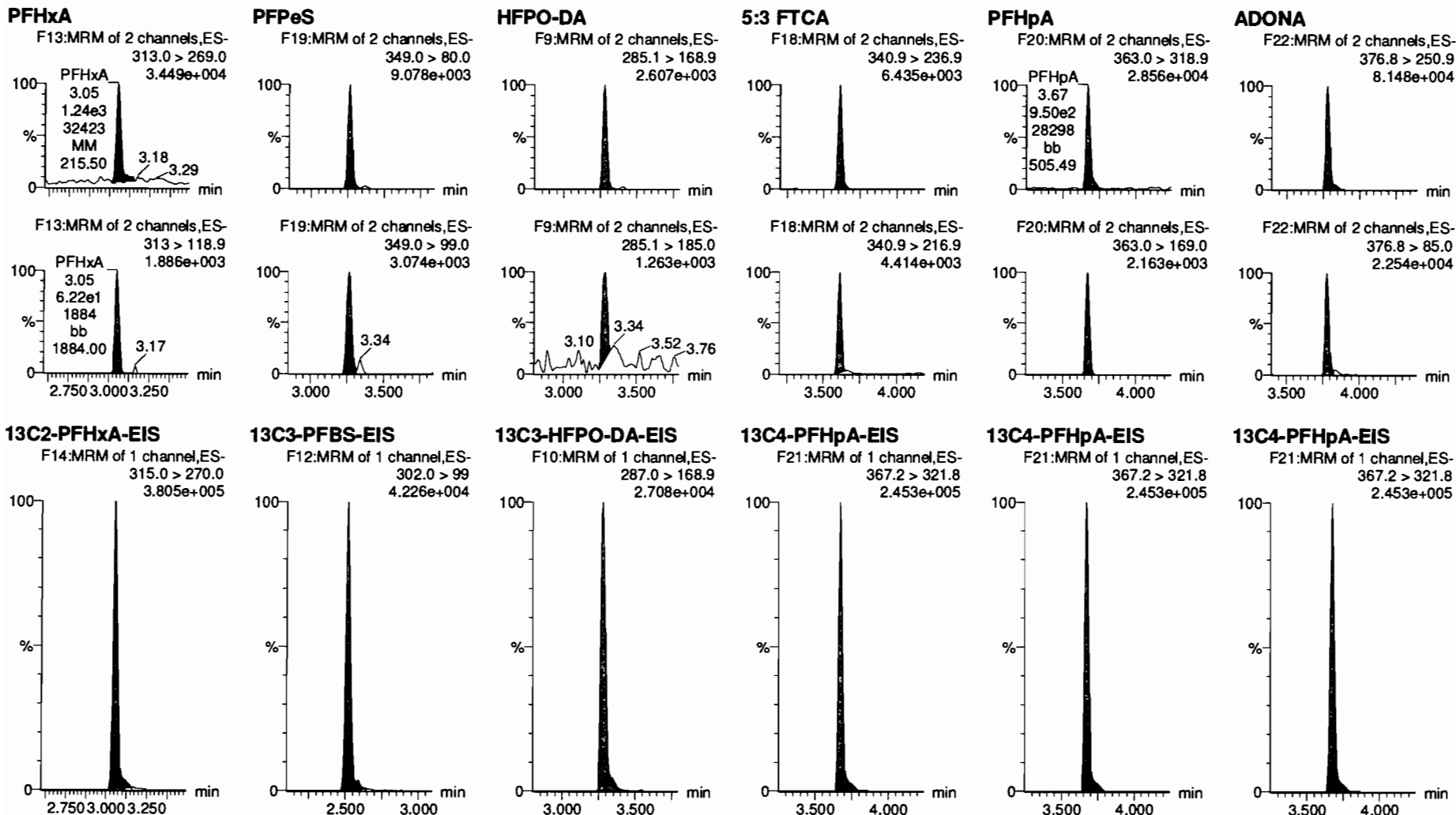


Dataset: F:\Projects\PFAS.RPO\Results\200714M1\200714M1-CRV.qld

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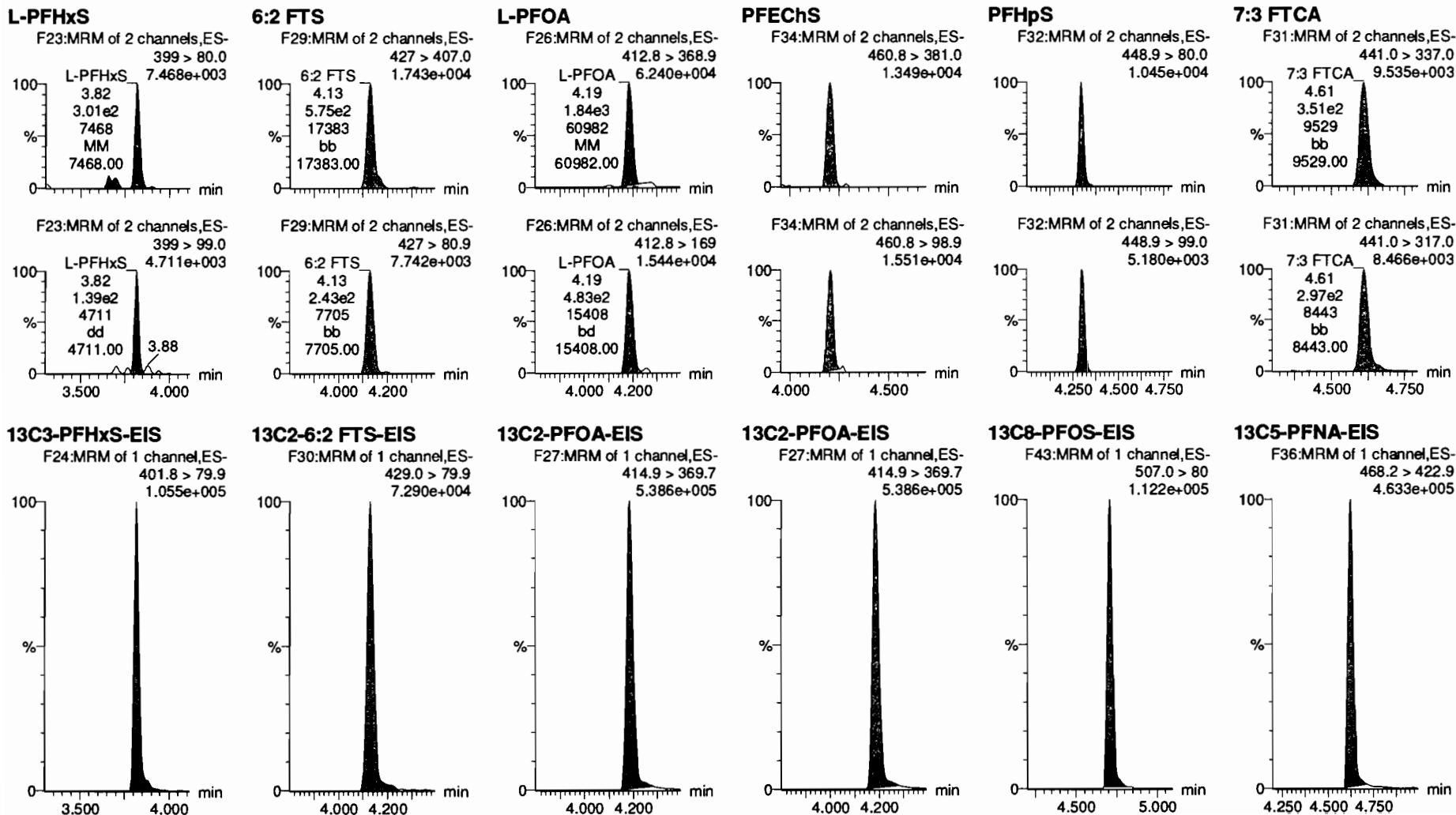


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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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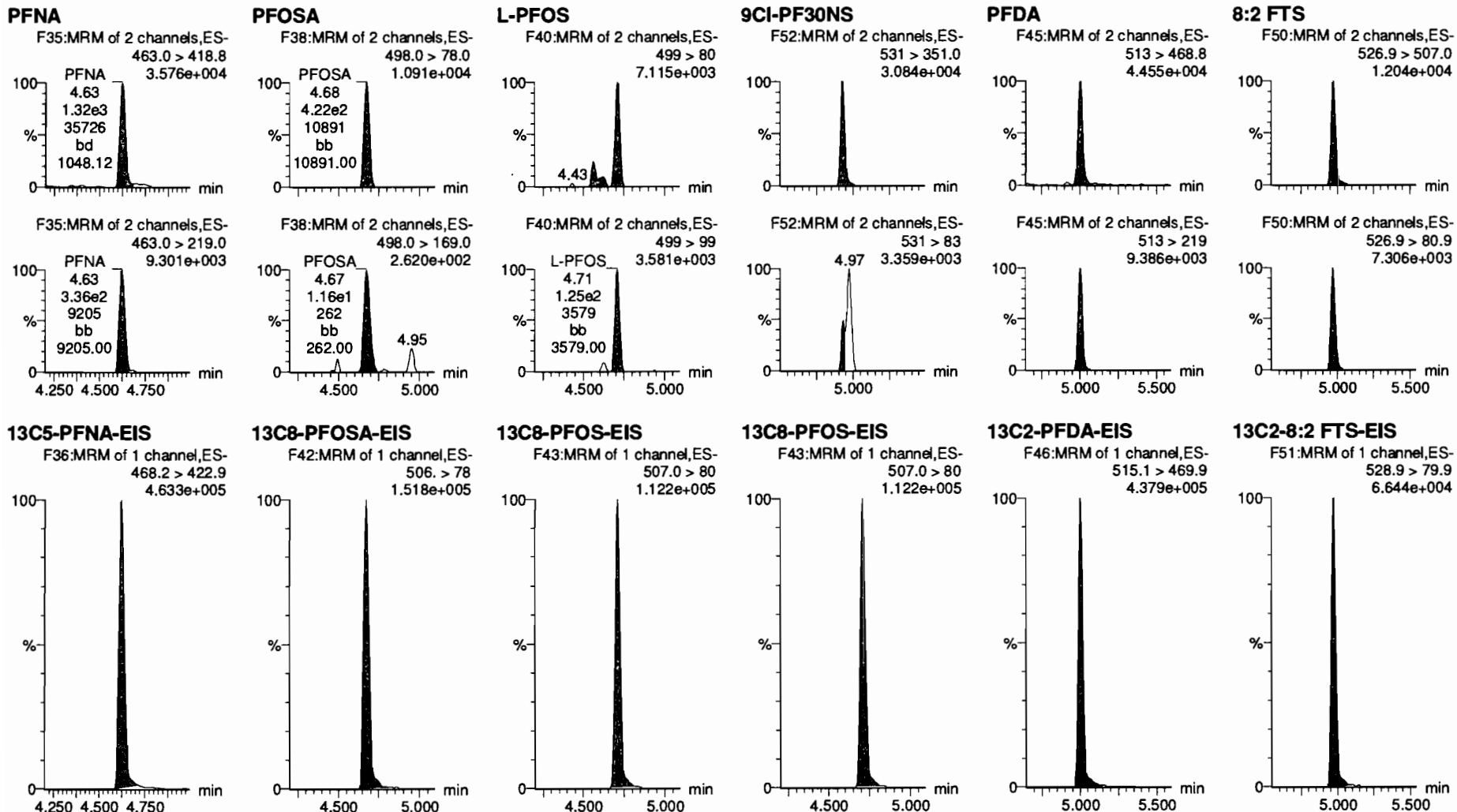


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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

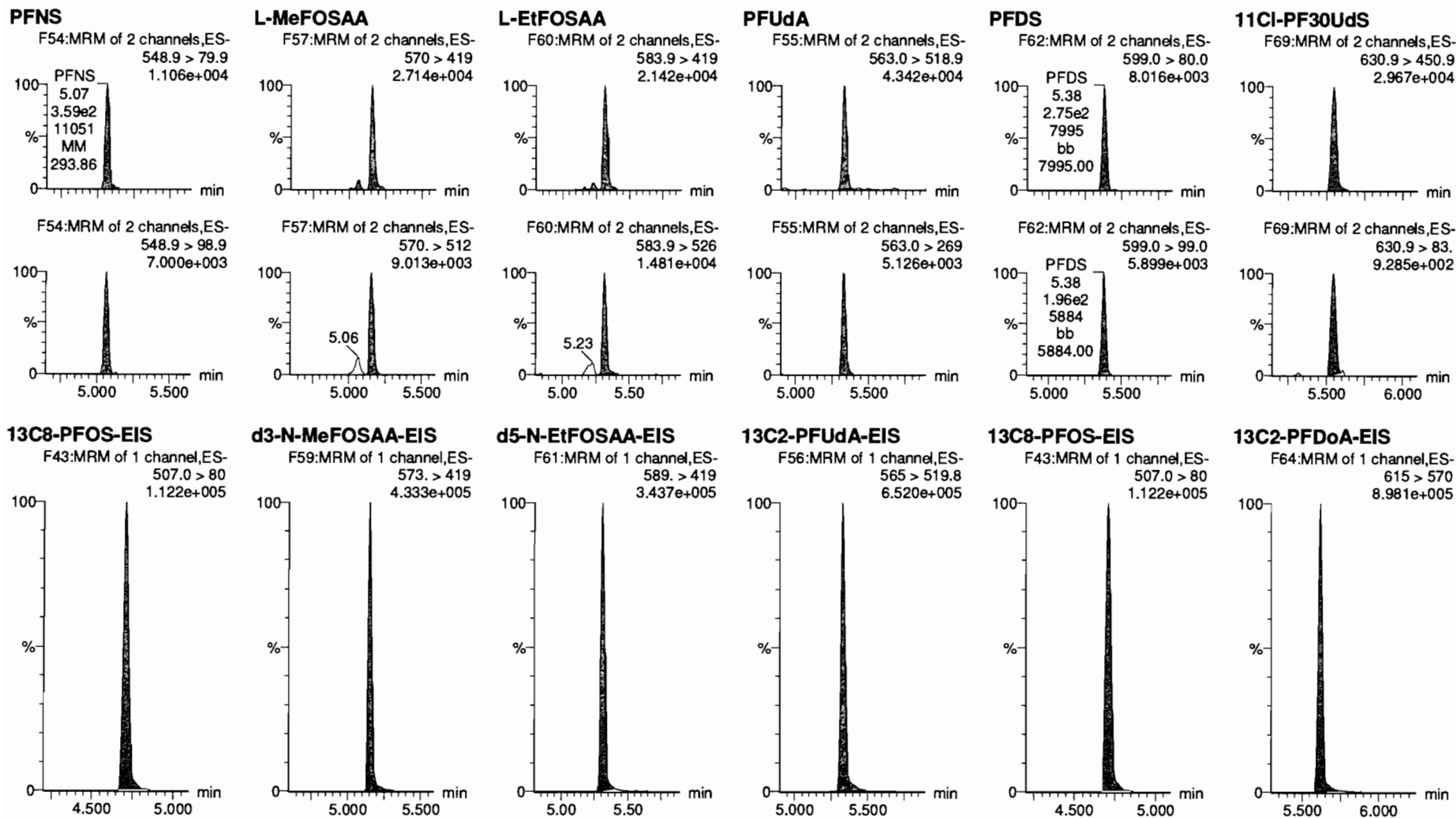
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Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time
Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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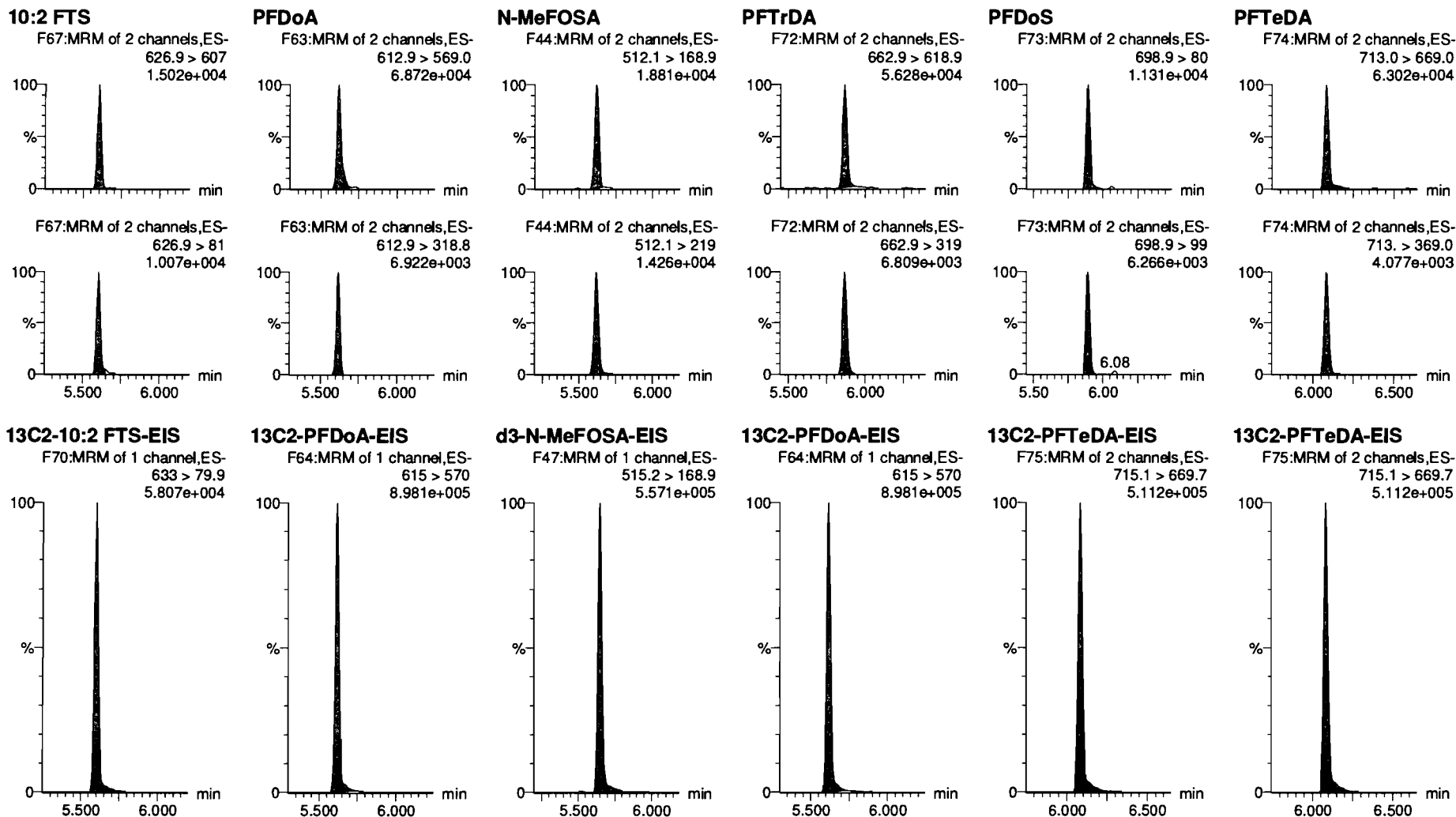


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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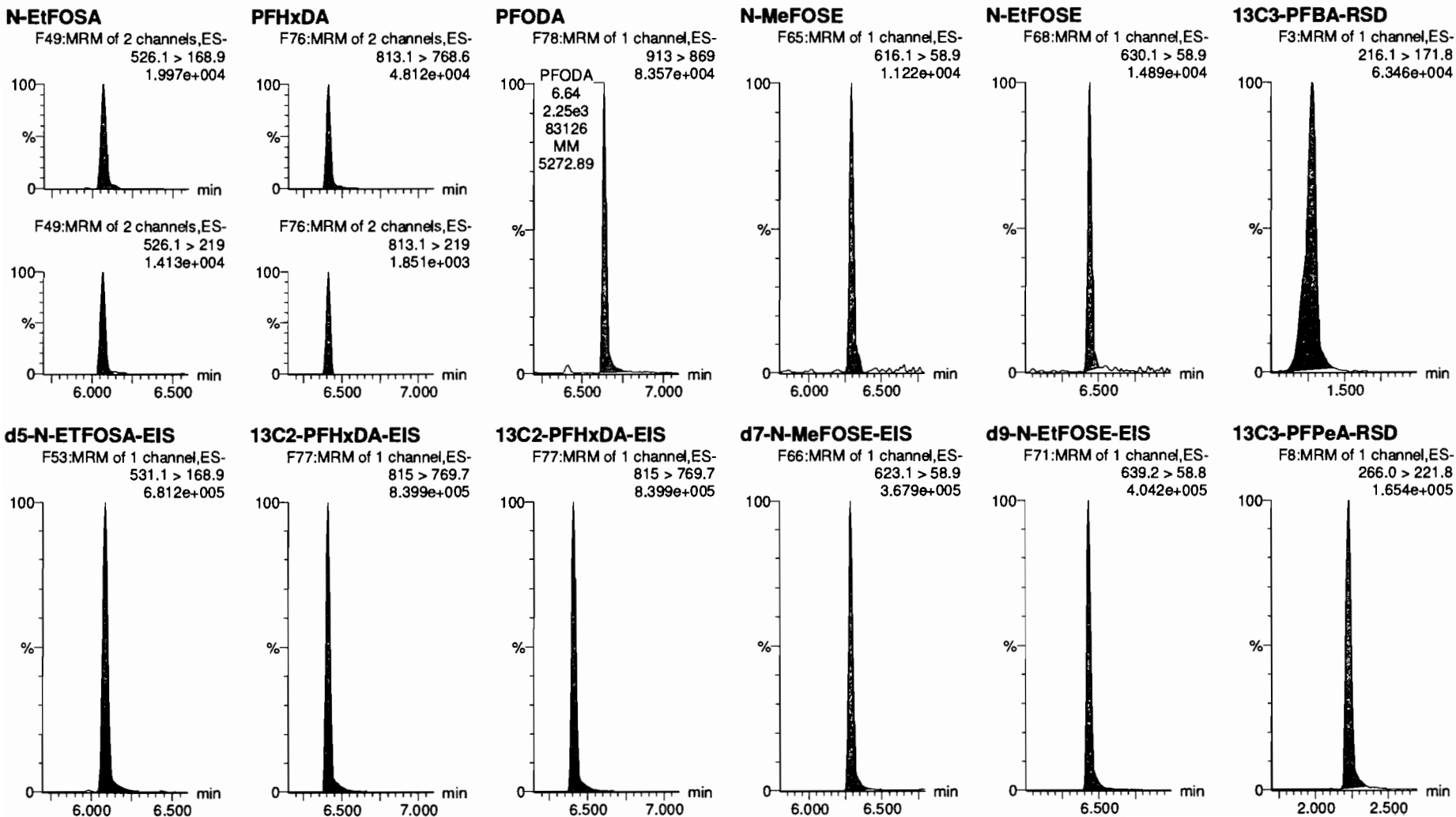


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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_5, Date: 14-Jul-2020, Time: 15:50:56, ID: ST200714M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903



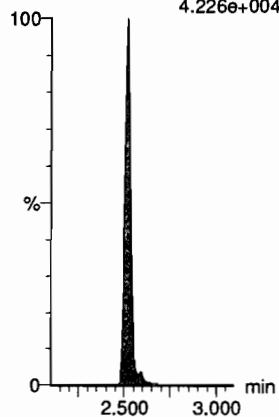
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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_5, Date: 14-Jul-2020, Time: 15:50:56, ID: ST200714M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

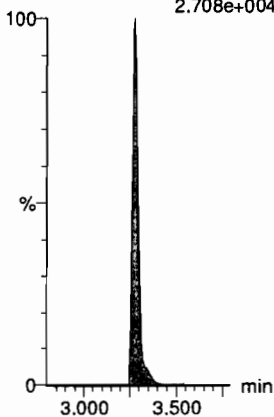
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
4.226e+004



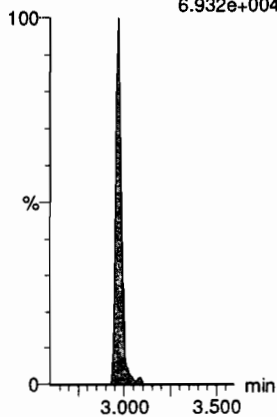
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
2.708e+004



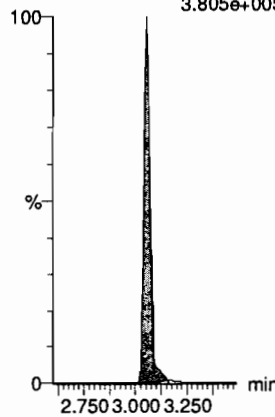
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.932e+004



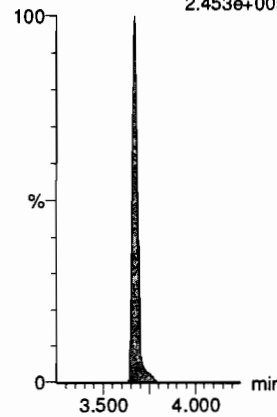
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.805e+005



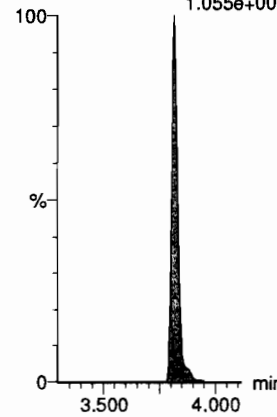
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.453e+005



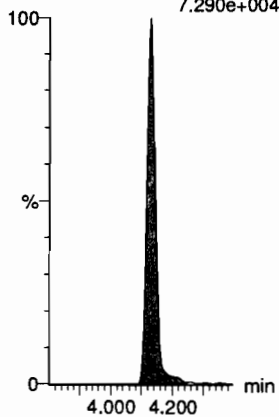
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.055e+005



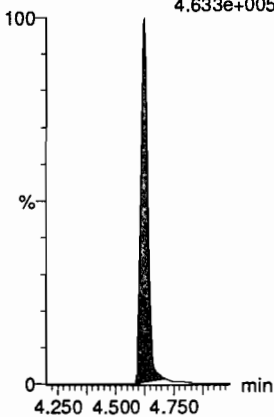
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
7.290e+004



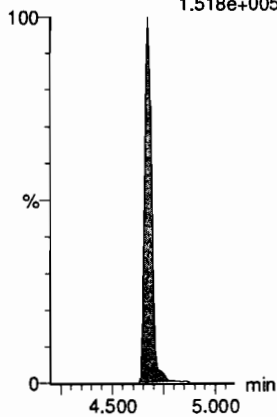
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.633e+005



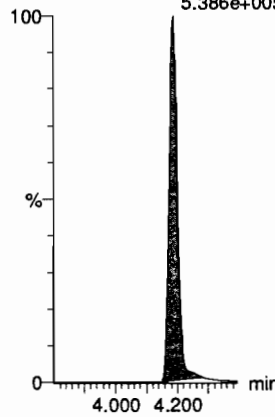
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.518e+005



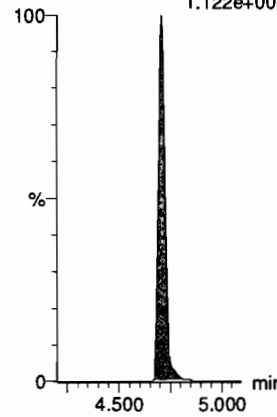
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.386e+005



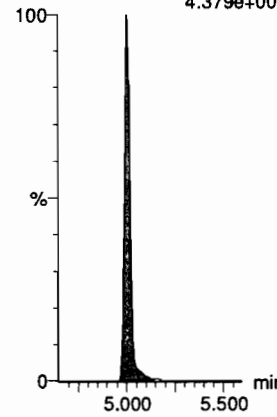
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.122e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.379e+005



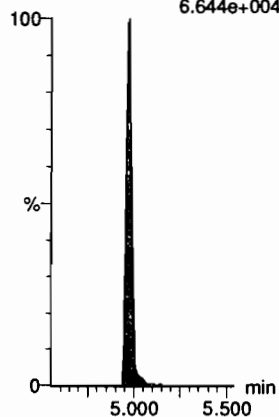
Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time
Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_5, Date: 14-Jul-2020, Time: 15:50:56, ID: ST200714M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

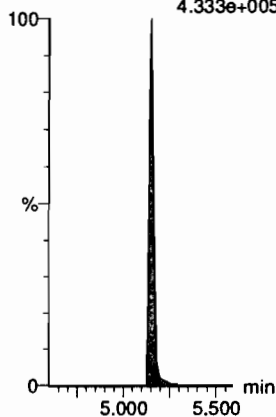
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.644e+004



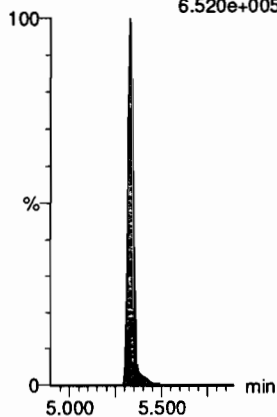
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.333e+005



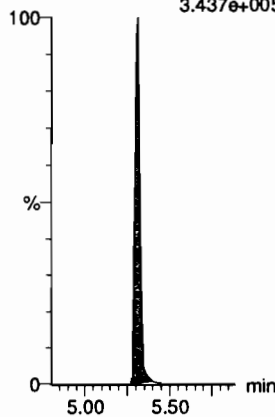
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.520e+005



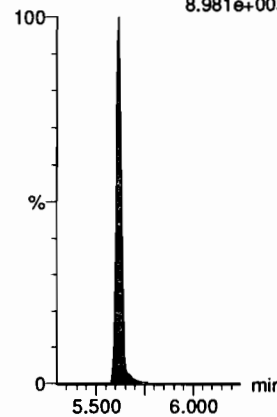
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.437e+005



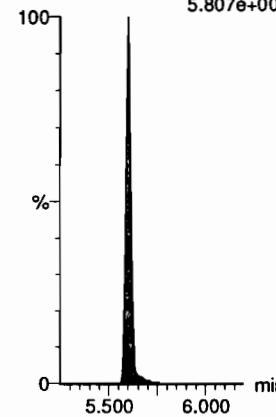
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
8.981e+005



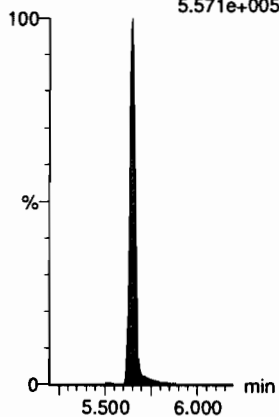
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.807e+004



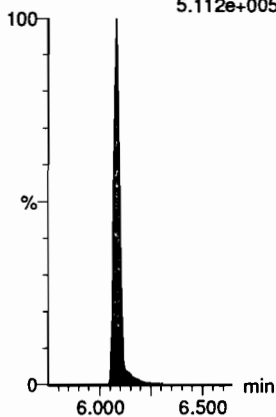
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.571e+005



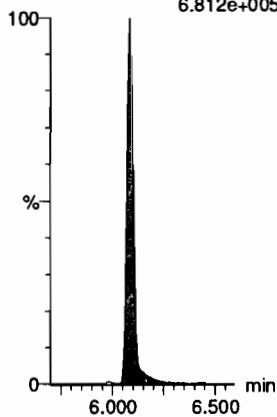
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.112e+005



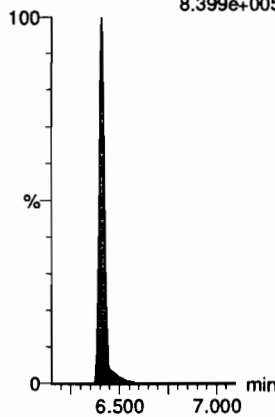
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.812e+005



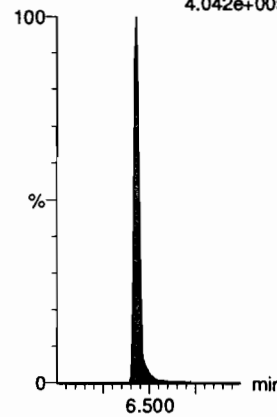
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.399e+005



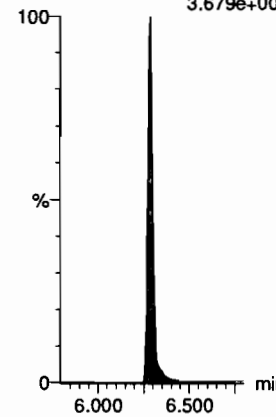
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.042e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.679e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

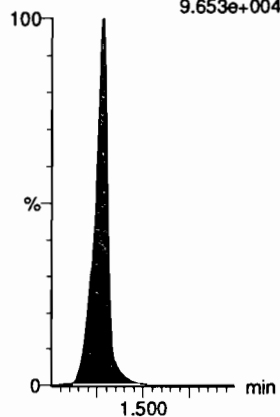
Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_5, Date: 14-Jul-2020, Time: 15:50:56, ID: ST200714M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

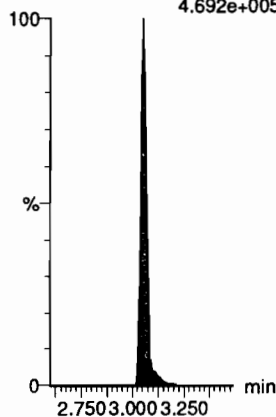
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
9.653e+004



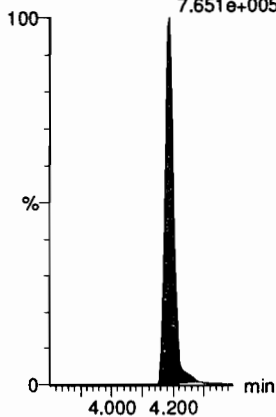
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.692e+005



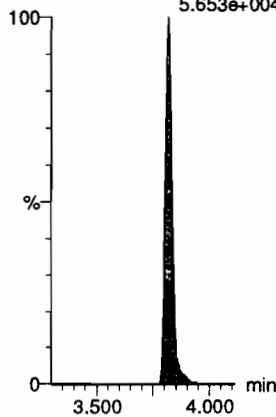
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.651e+005



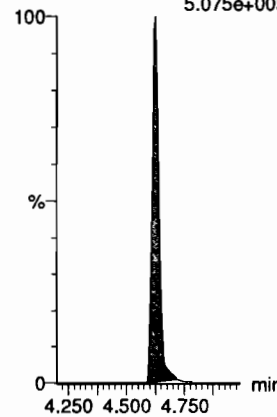
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
5.653e+004



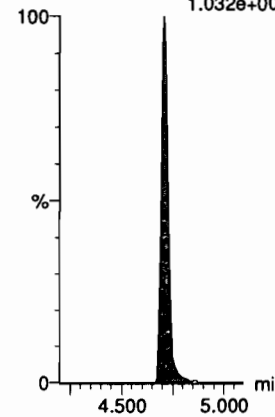
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
5.075e+005



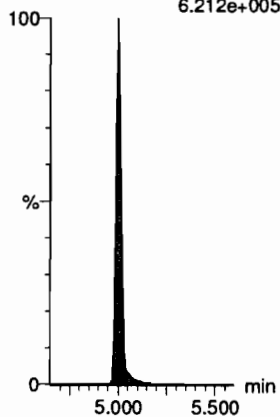
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.032e+005



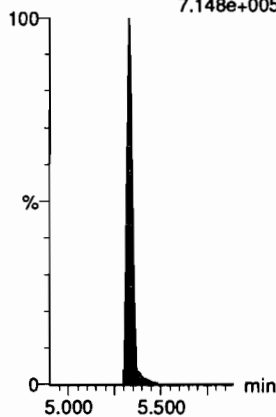
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
6.212e+005



13C7-PFUdA

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.148e+005



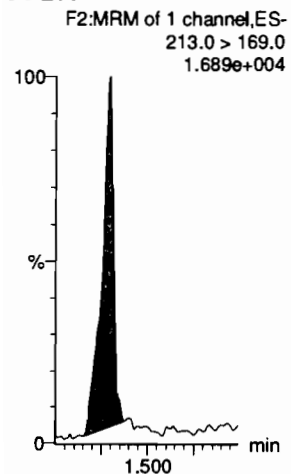
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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

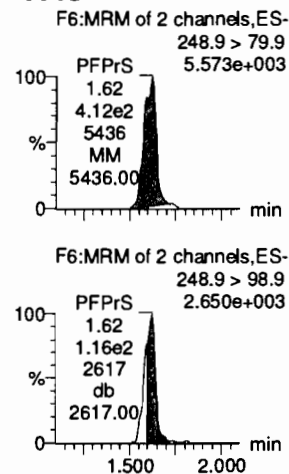
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Name: 200714M1_6, Date: 14-Jul-2020, Time: 16:02:04, ID: ST200714M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

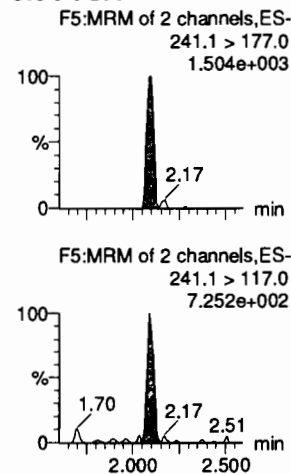
PFBA



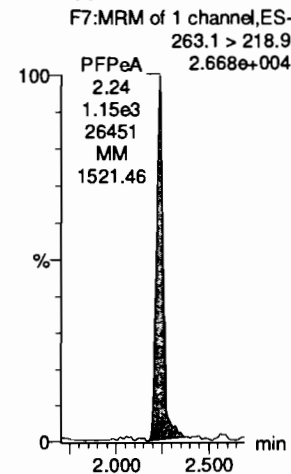
PFPPrS



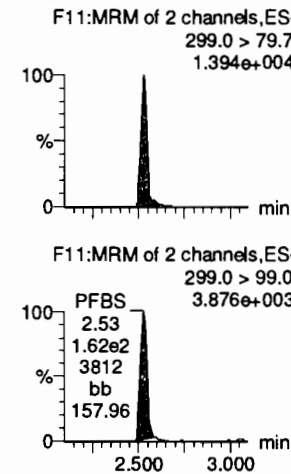
3:3 FTCA



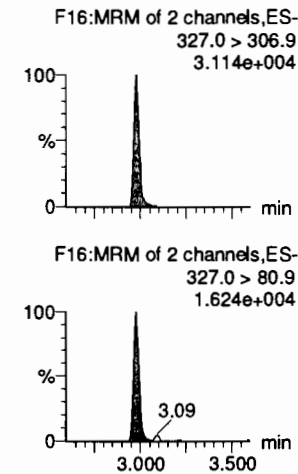
PFPeA



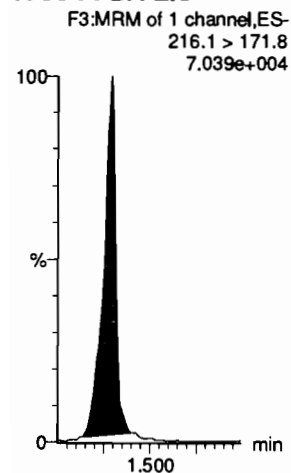
PFBS



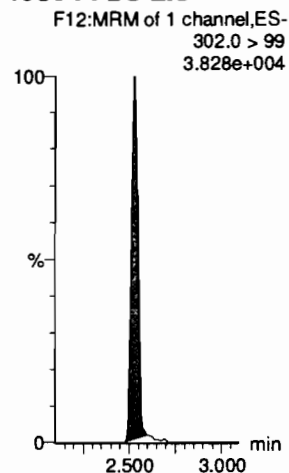
4:2 FTS



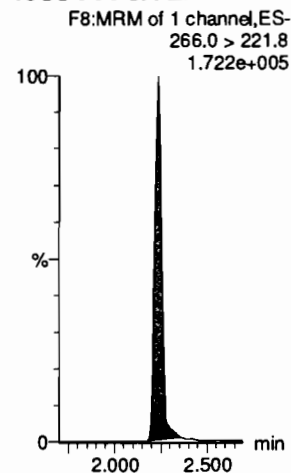
13C3-PFBA-EIS



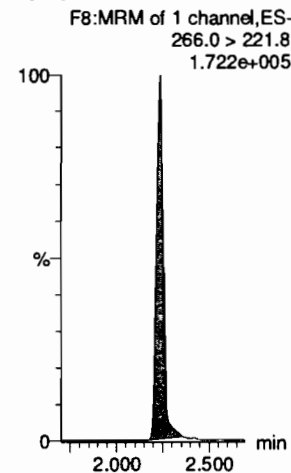
13C3-PFBS-EIS



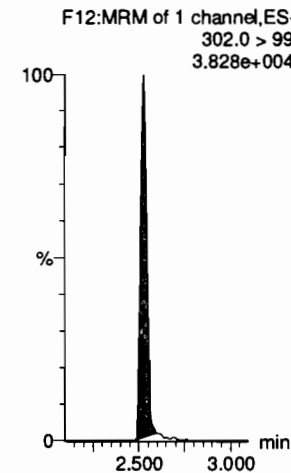
13C3-PFPeA-EIS



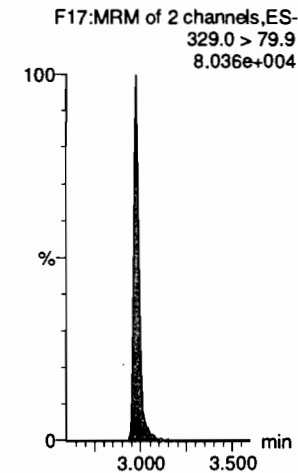
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

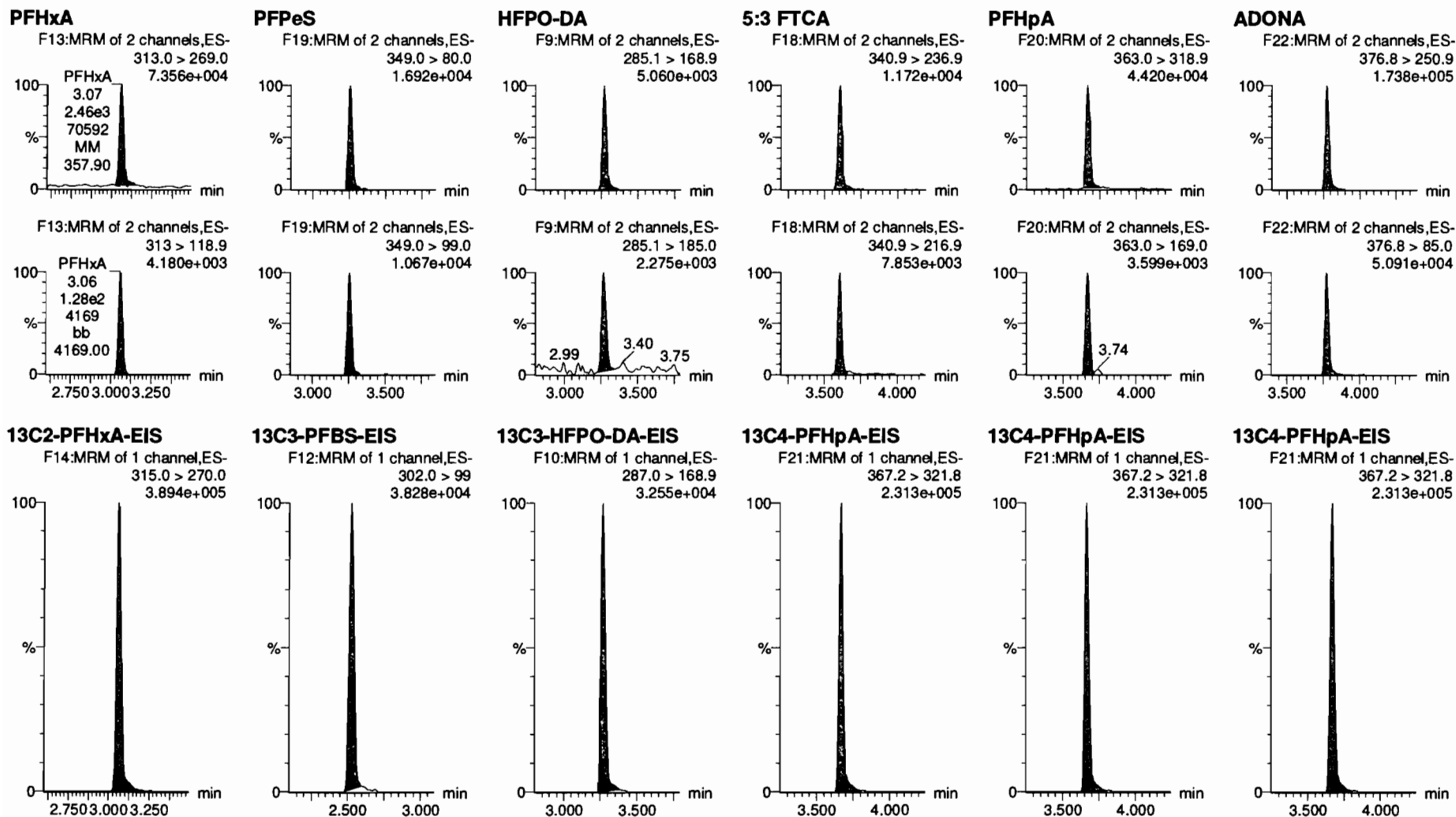


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_6, Date: 14-Jul-2020, Time: 16:02:04, ID: ST200714M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

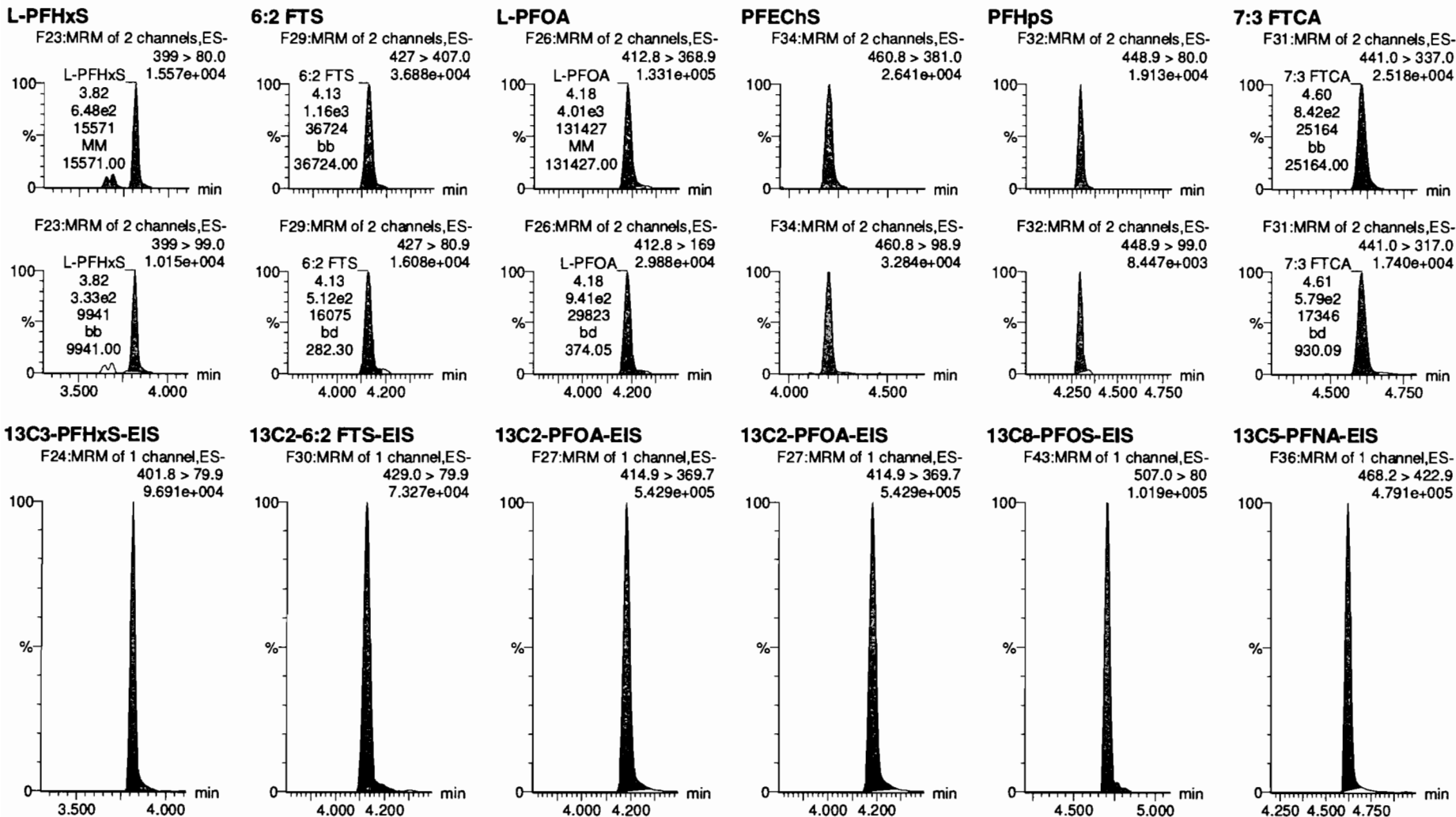


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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_6, Date: 14-Jul-2020, Time: 16:02:04, ID: ST200714M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

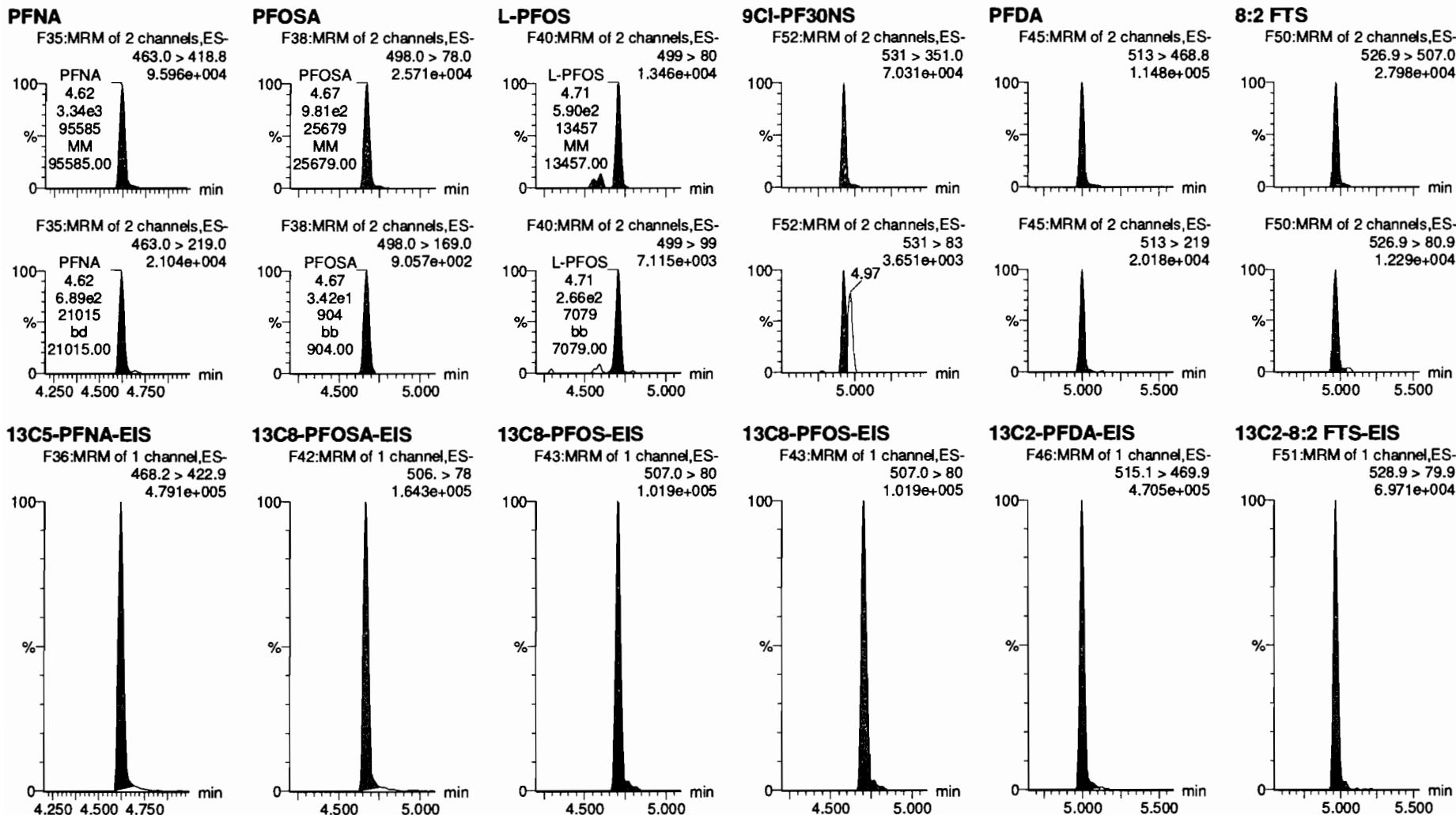


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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_6, Date: 14-Jul-2020, Time: 16:02:04, ID: ST200714M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

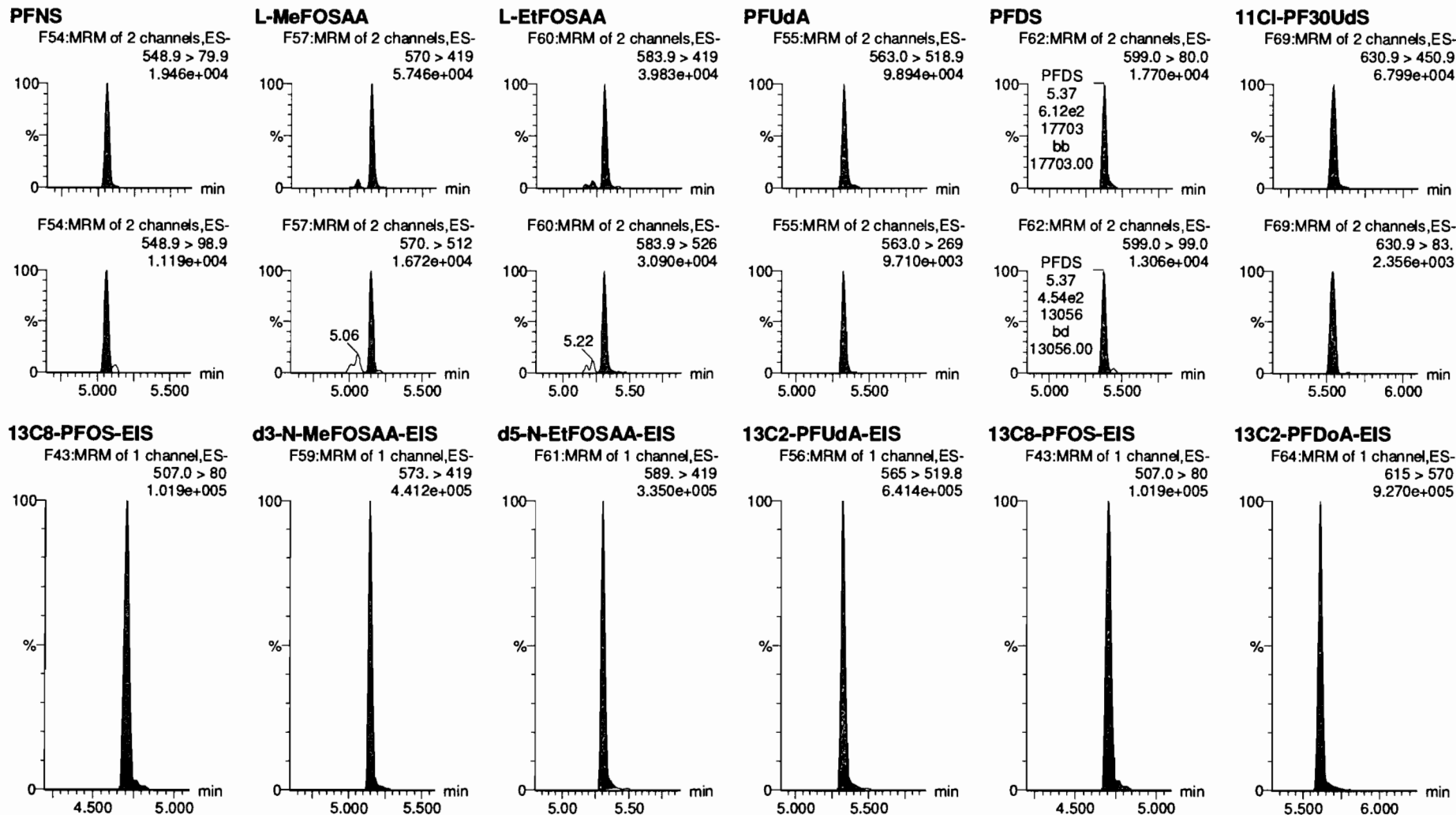


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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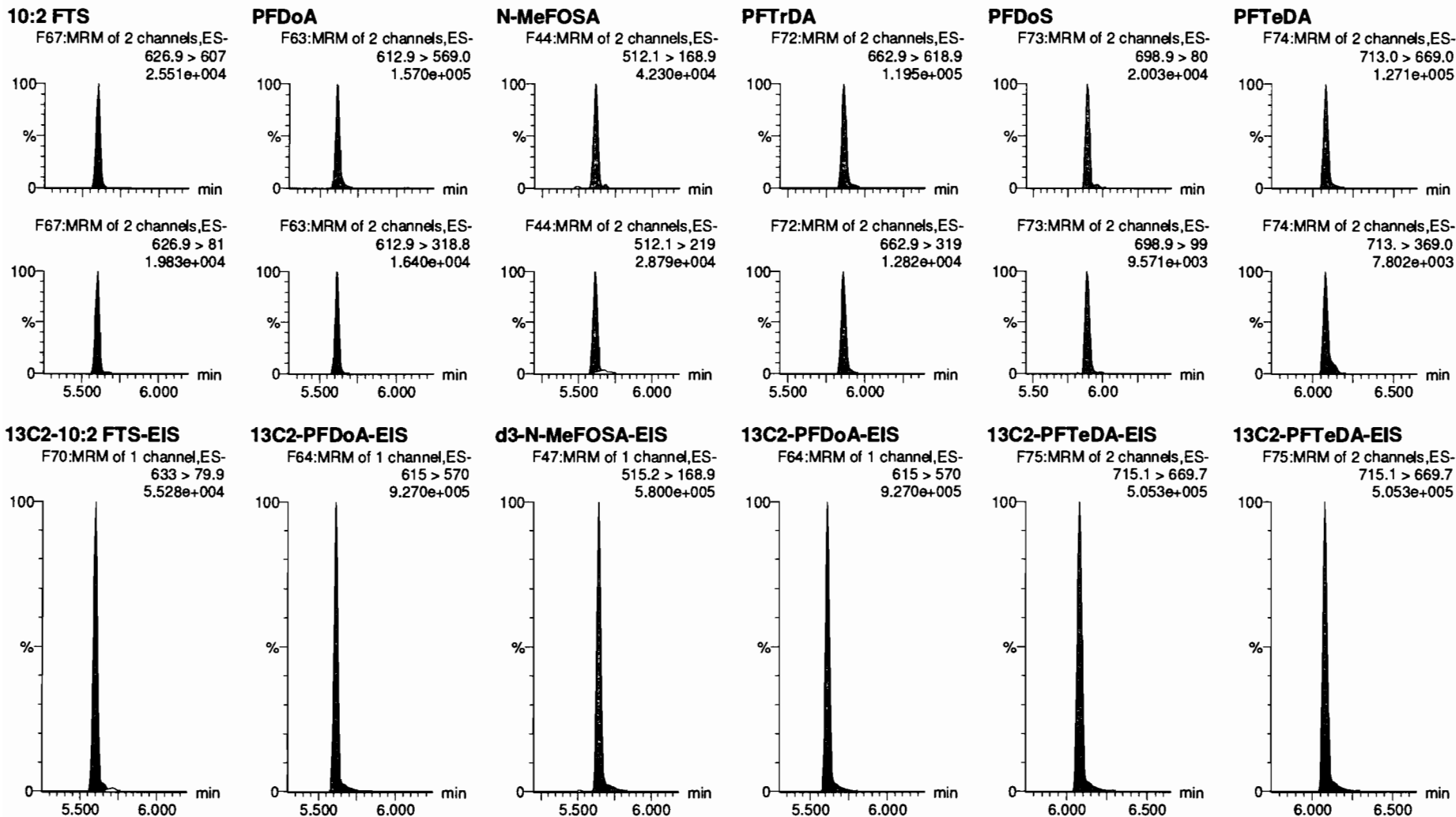


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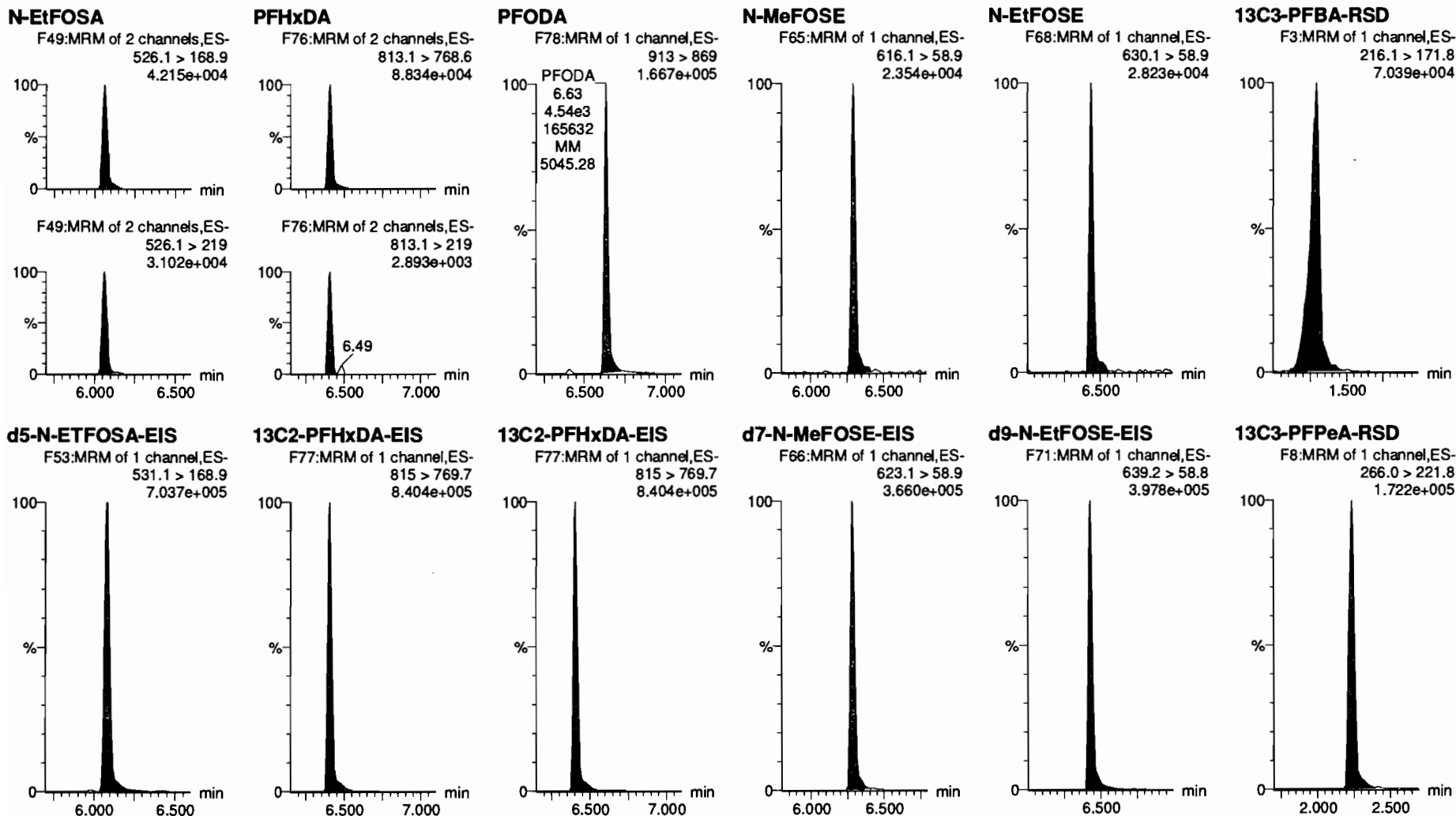


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Printed: Wednesday, July 15, 2020 10:33:37 Pacific Daylight Time

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Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

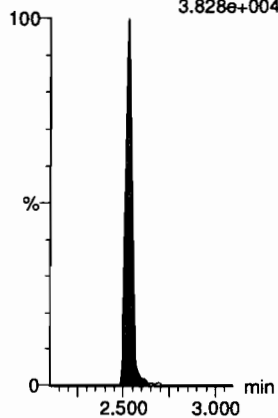
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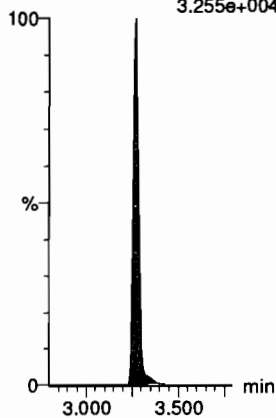
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.828e+004



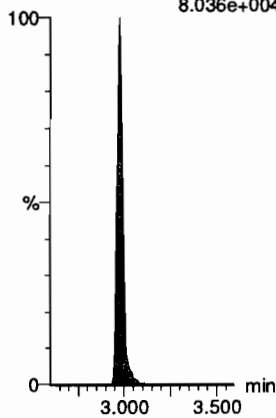
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.255e+004



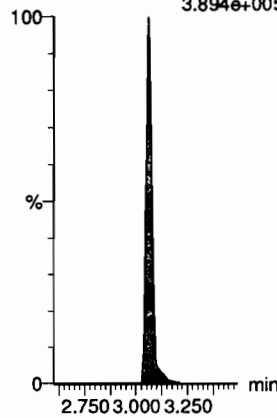
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
8.036e+004



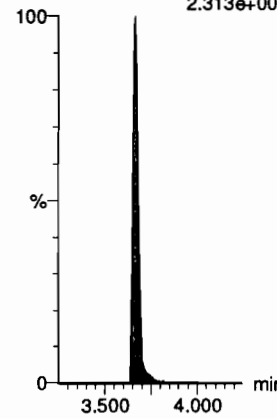
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.894e+005



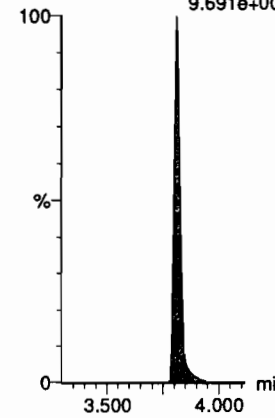
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.313e+005



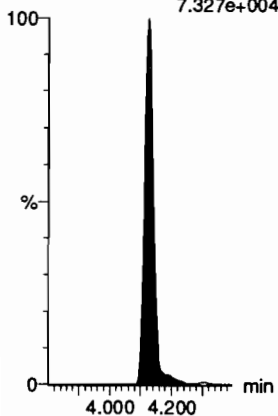
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
9.691e+004



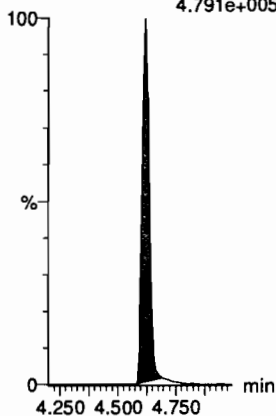
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
7.327e+004



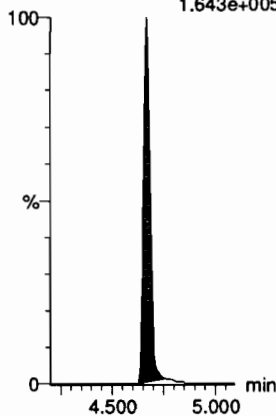
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.791e+005



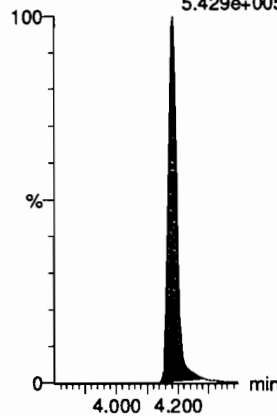
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.643e+005



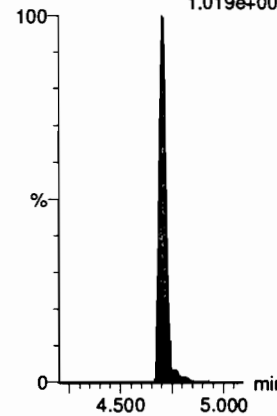
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.429e+005



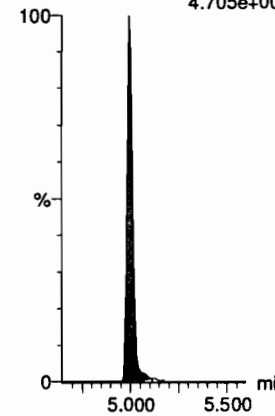
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.019e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.705e+005



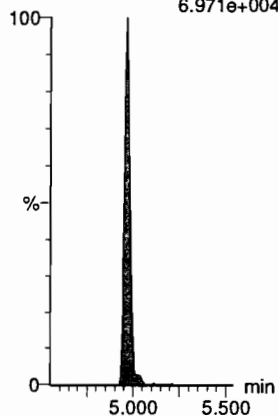
Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time
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Name: 200714M1_6, Date: 14-Jul-2020, Time: 16:02:04, ID: ST200714M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

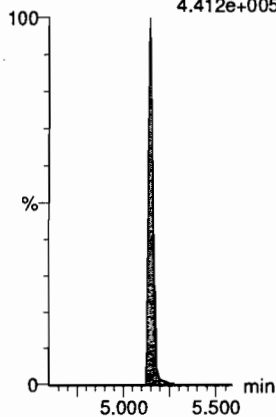
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.971e+004



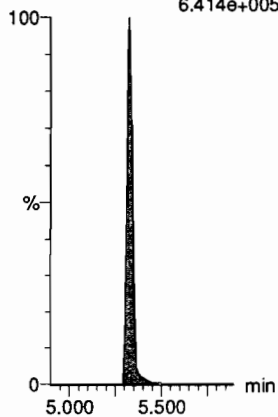
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.412e+005



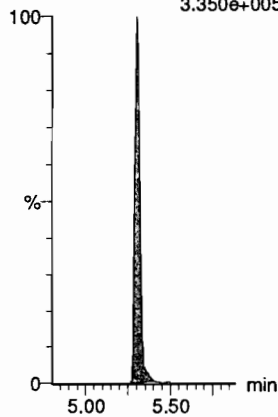
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.414e+005



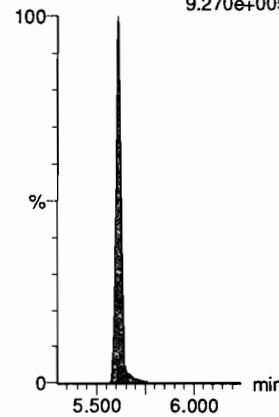
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.350e+005



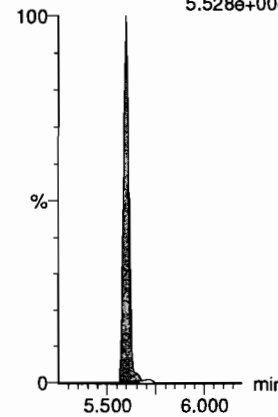
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
9.270e+005



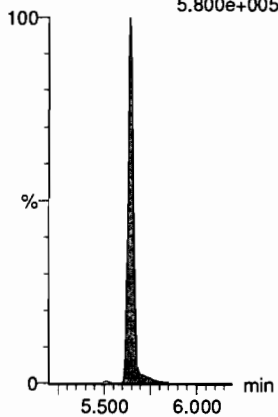
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.528e+004



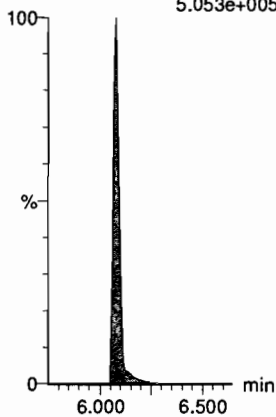
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.800e+005



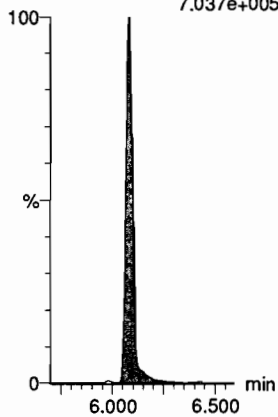
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.053e+005



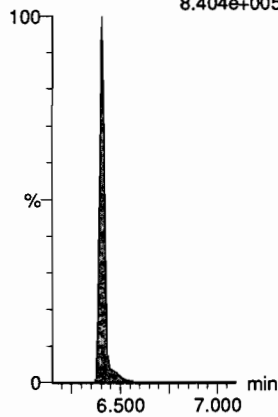
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.037e+005



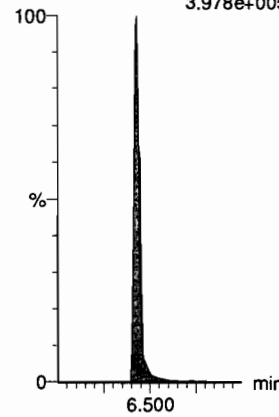
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.404e+005



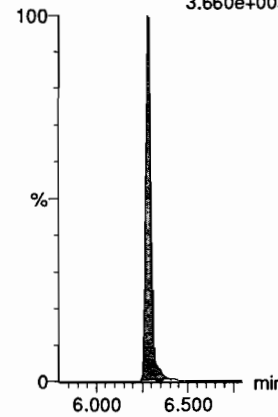
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
3.978e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.660e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

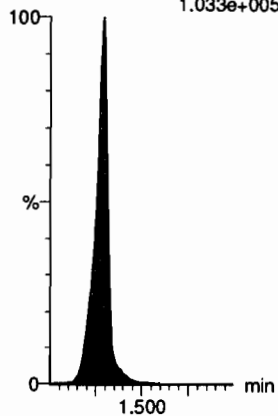
Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_6, Date: 14-Jul-2020, Time: 16:02:04, ID: ST200714M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

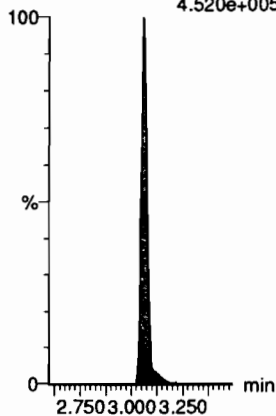
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
1.033e+005



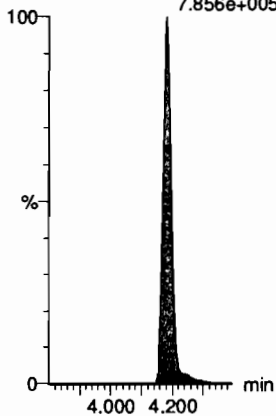
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.520e+005



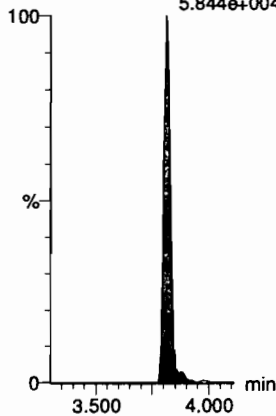
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.856e+005



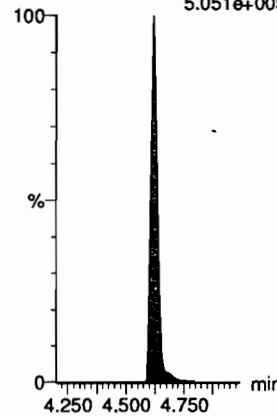
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
5.844e+004



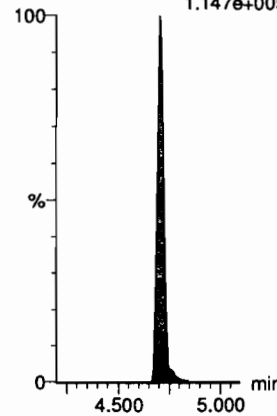
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
5.051e+005



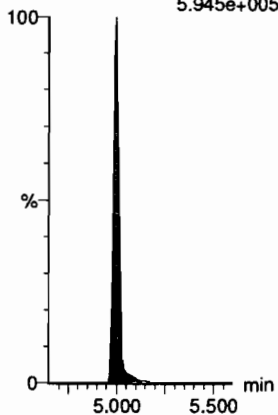
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.147e+005



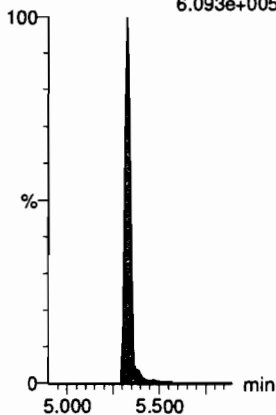
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.945e+005



13C7-PFUdA

F58:MRM of 1 channel,ES-
570.1 > 524.8
6.093e+005

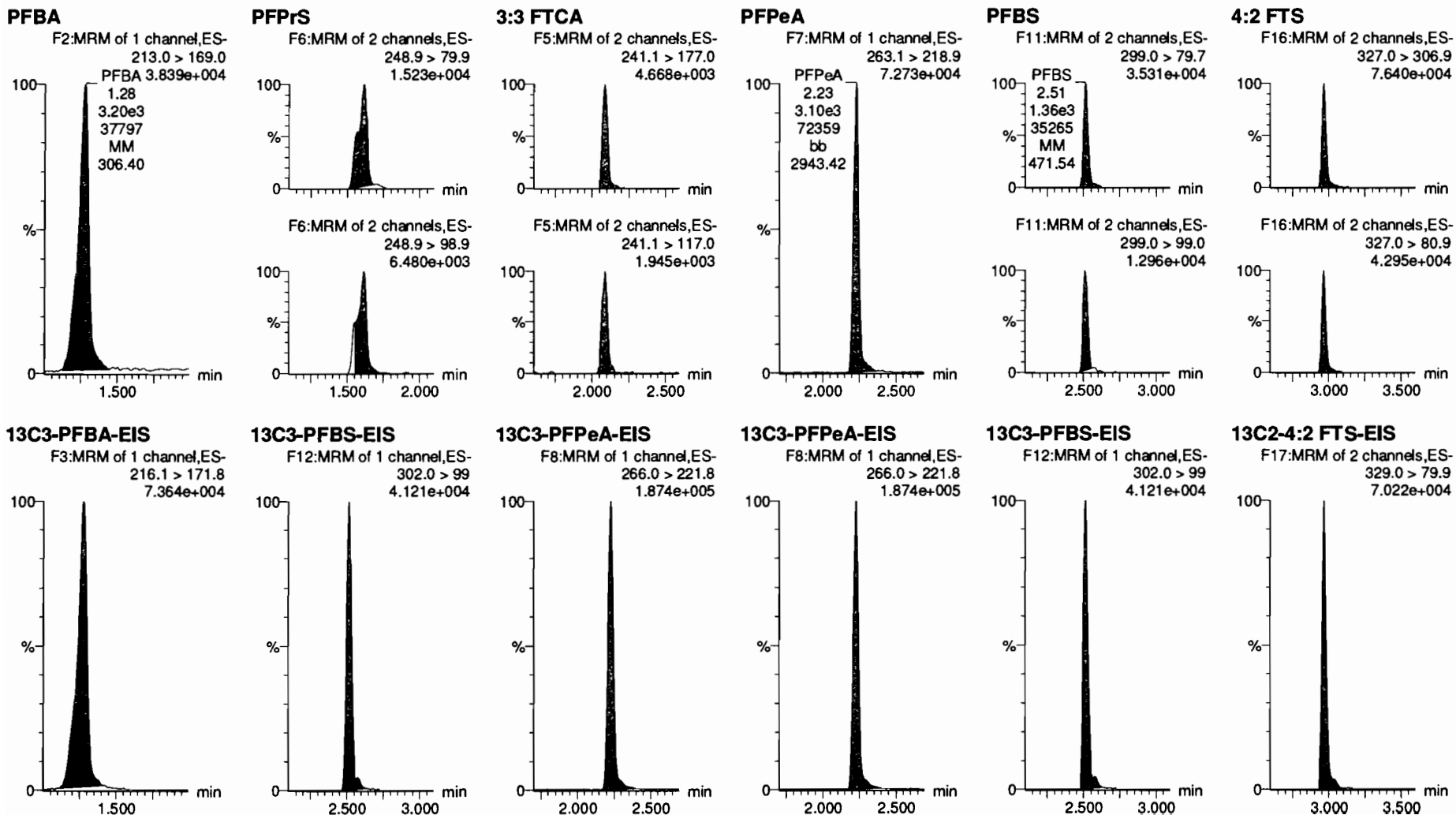


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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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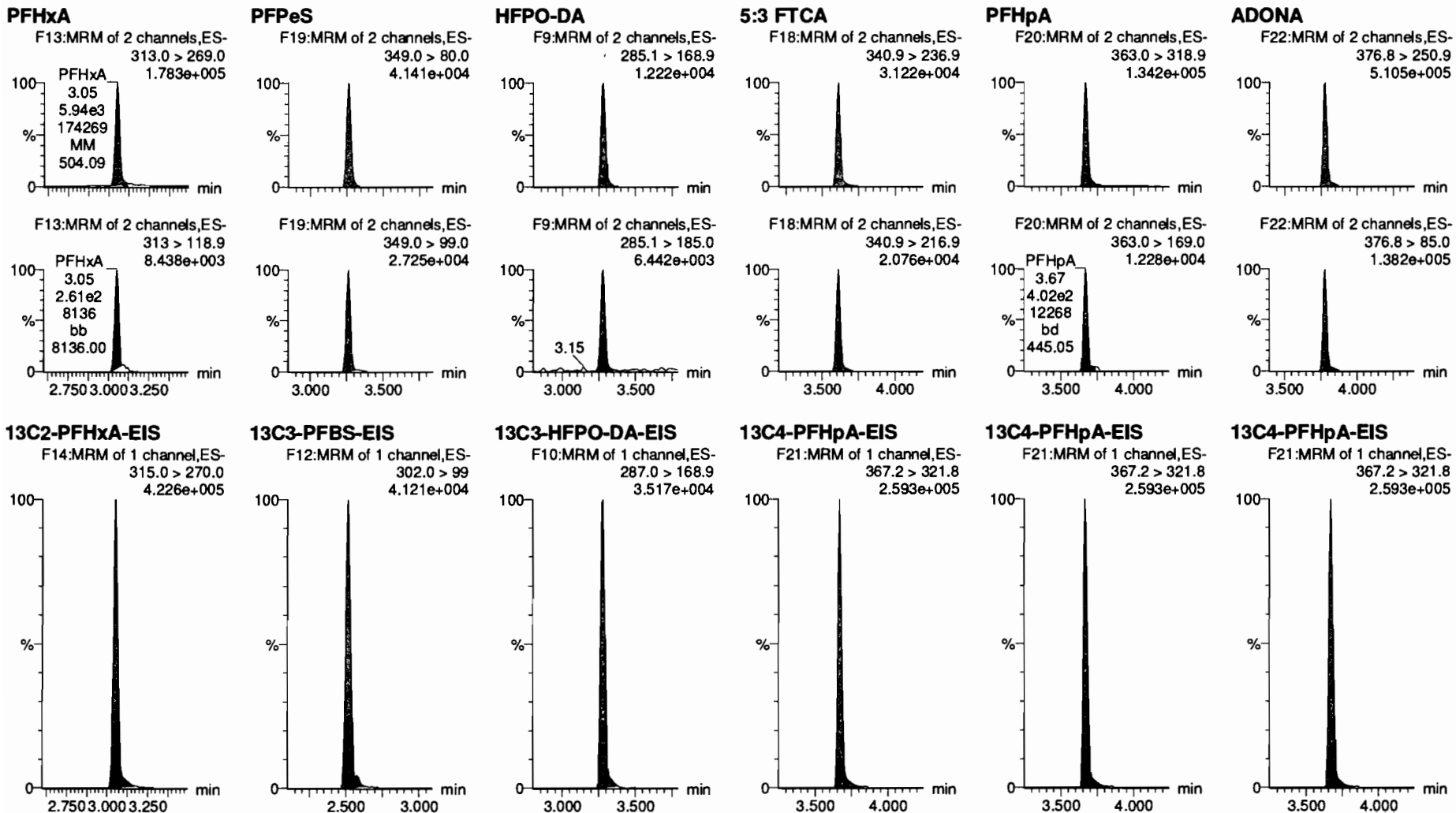


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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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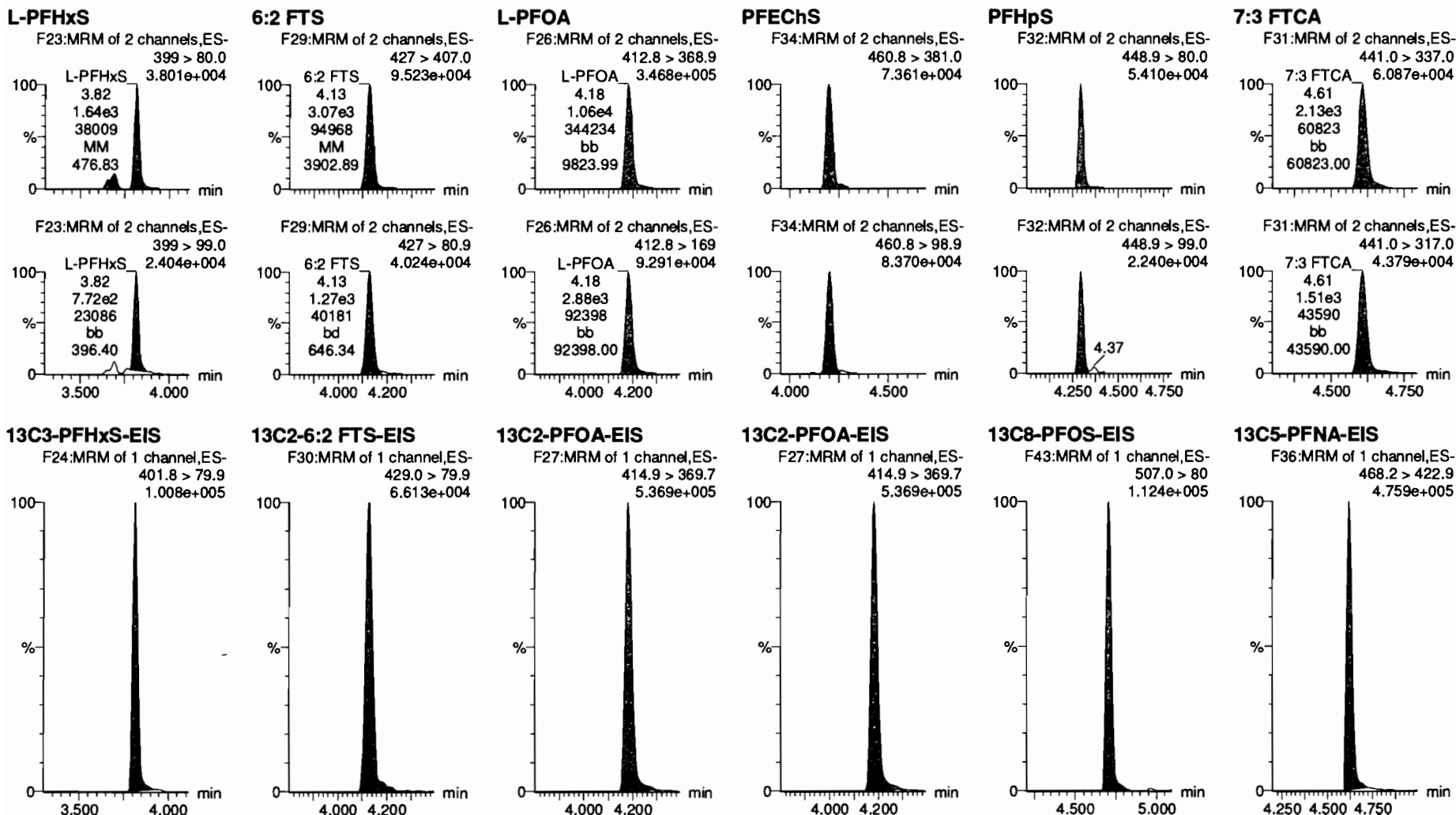


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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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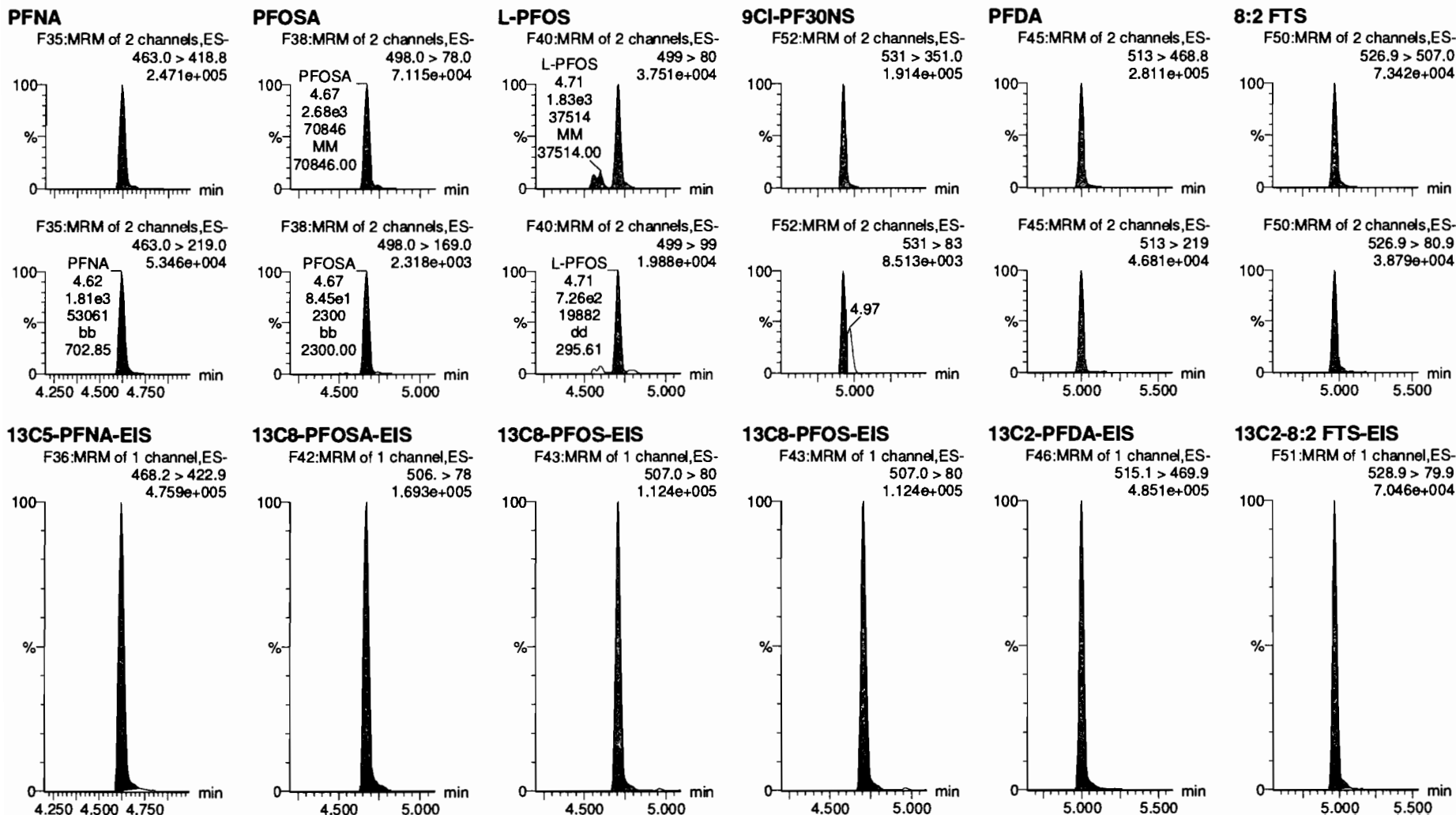


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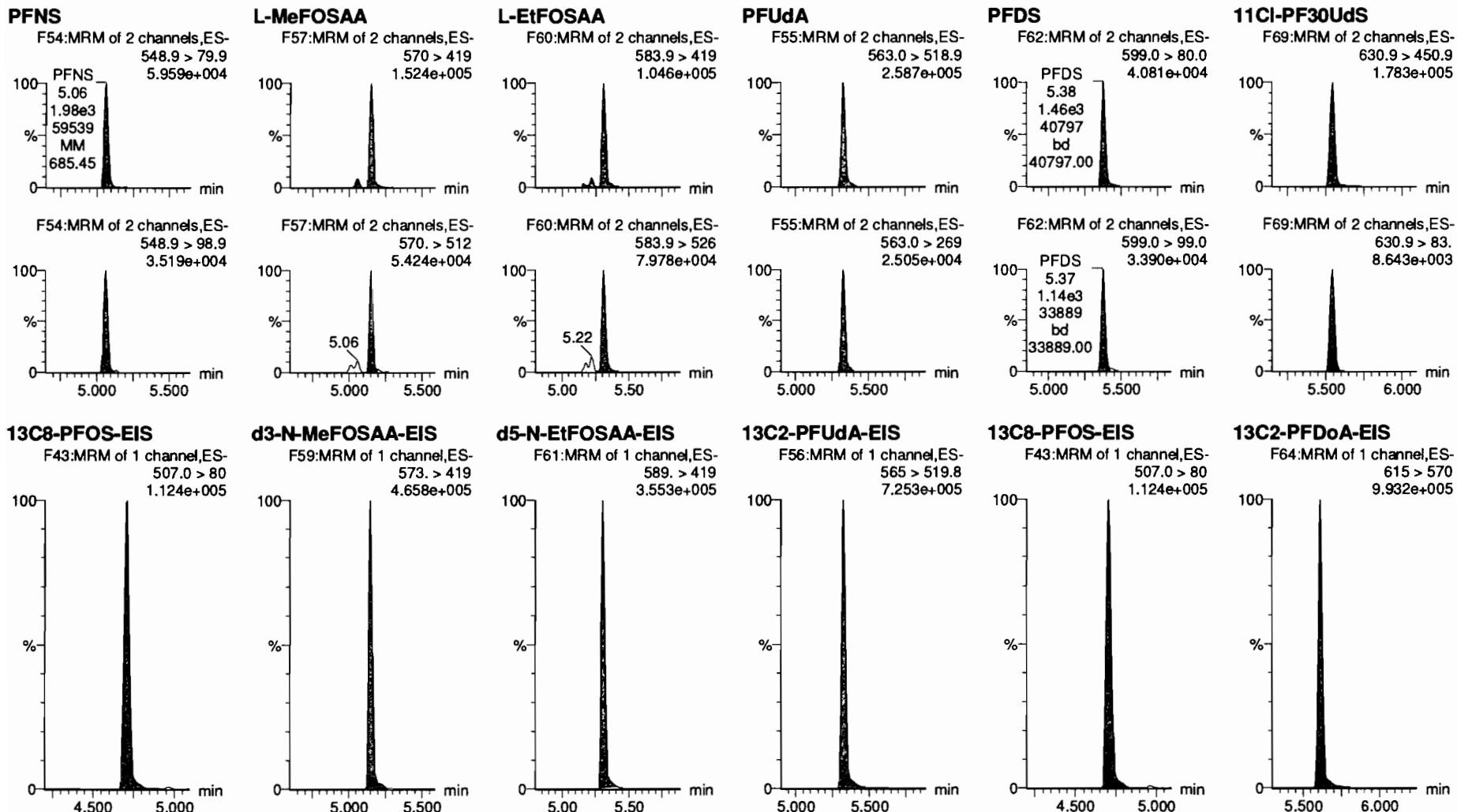


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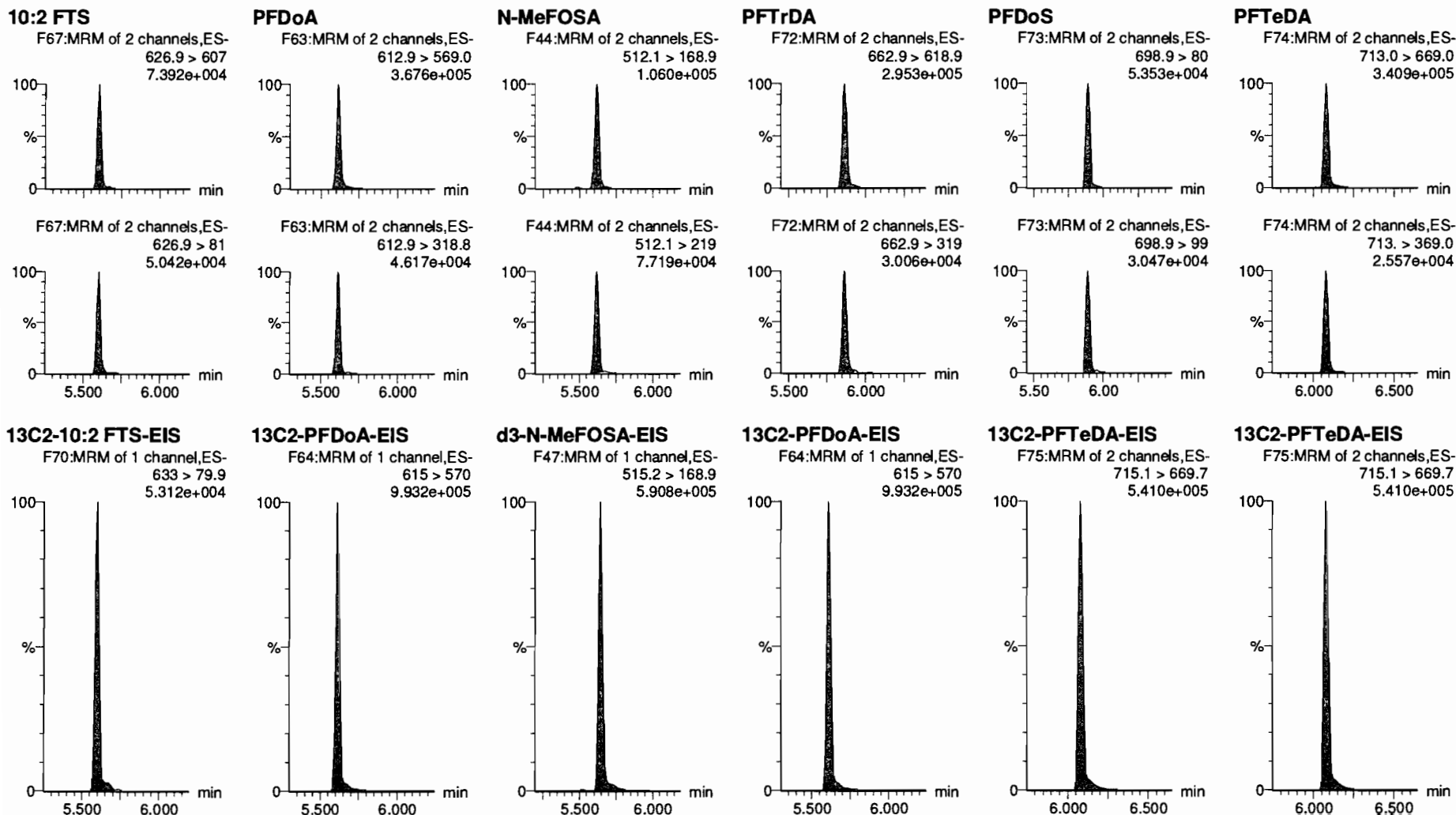


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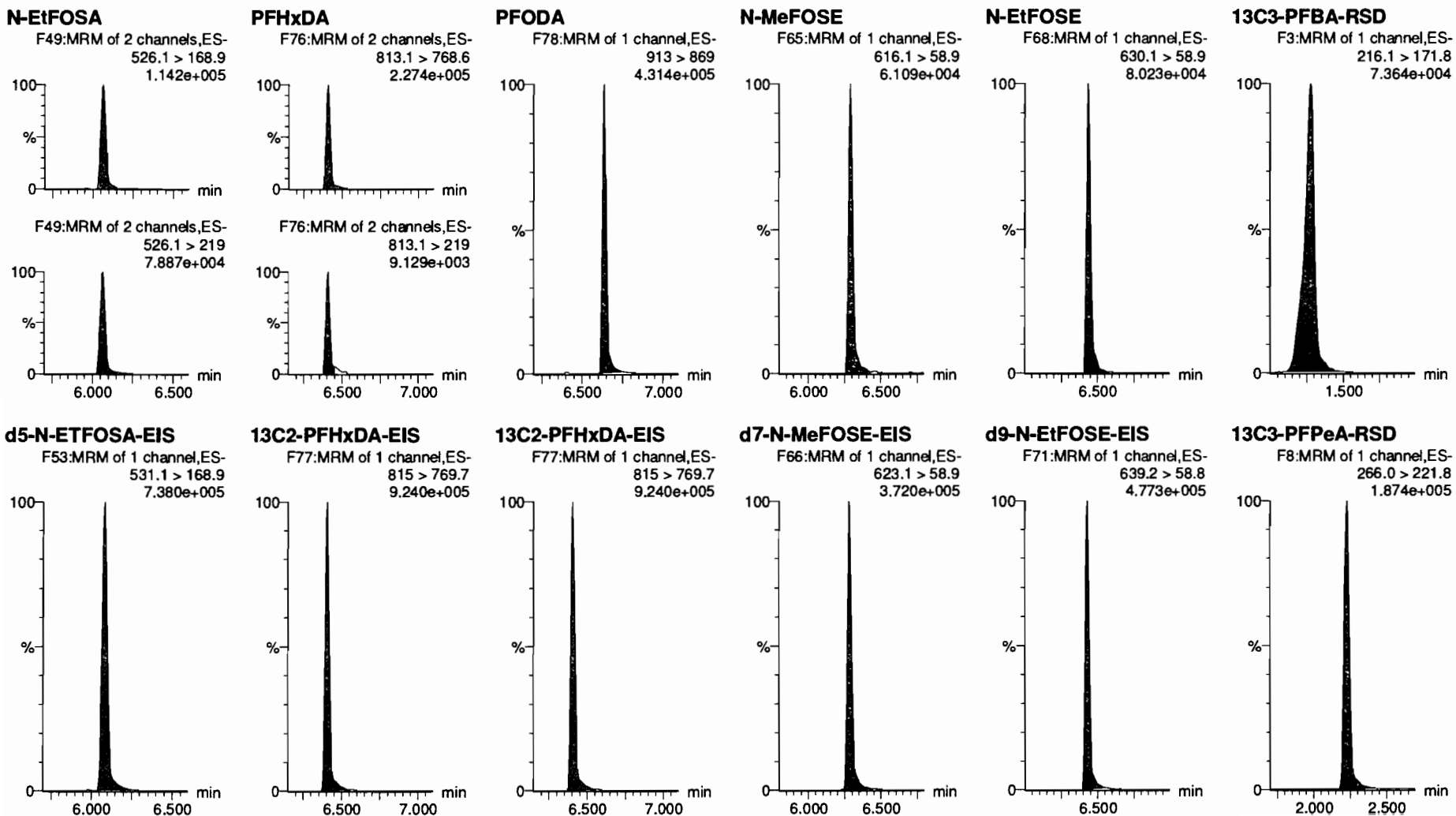


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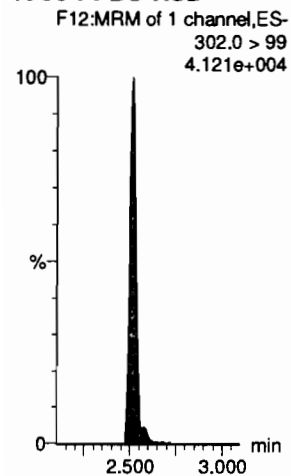
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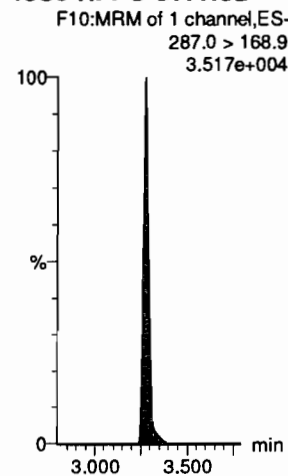
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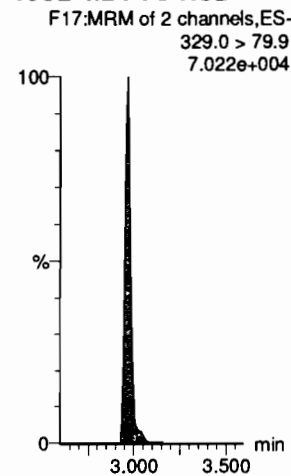
13C3-PFBS-RSD



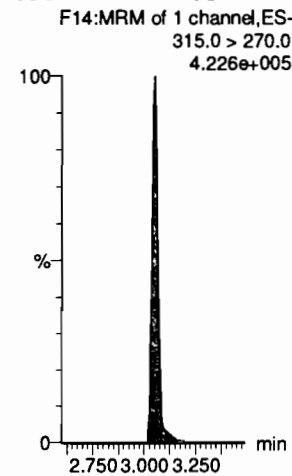
13C3-HFPO-DA-RSD



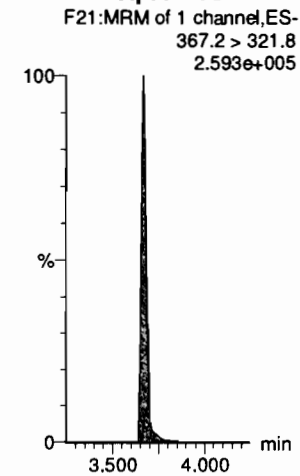
13C2-4:2 FTS-RSD



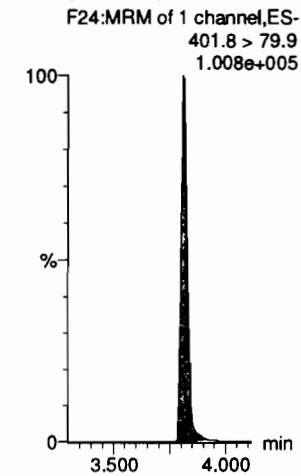
13C2-PFHxA-RSD



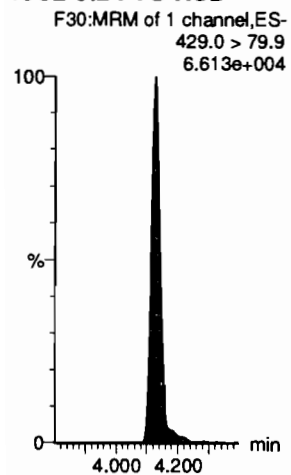
13C4-PFHpA-RSD



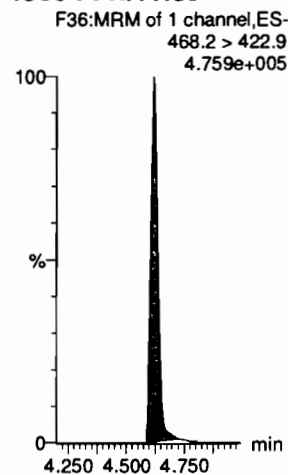
13C3-PFHxS-RSD



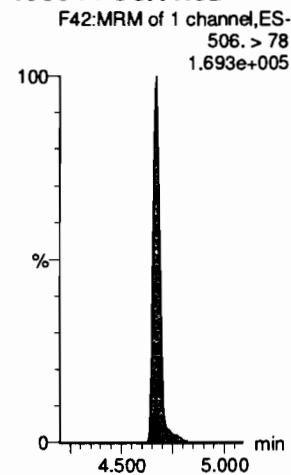
13C2-6:2 FTS-RSD



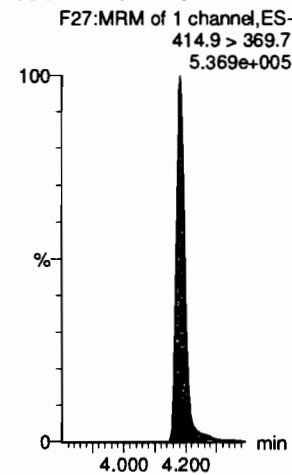
13C5-PFNA-RSD



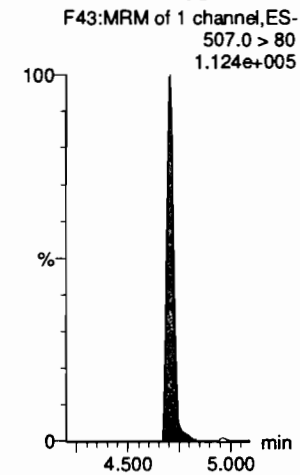
13C8-PFOSA-RSD



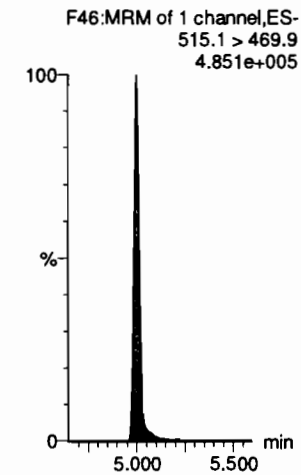
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

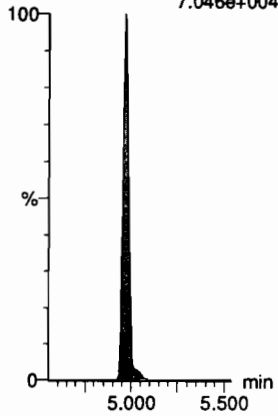
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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_7, Date: 14-Jul-2020, Time: 16:12:23, ID: ST200714M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

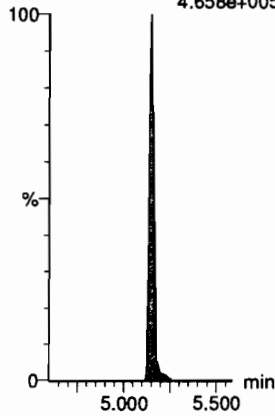
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
7.046e+004



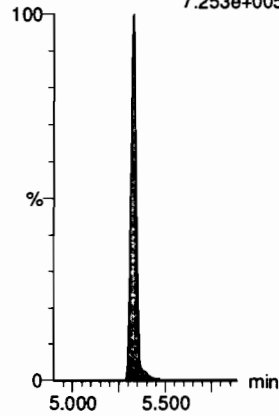
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.658e+005



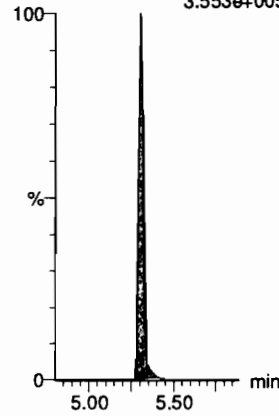
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
7.253e+005



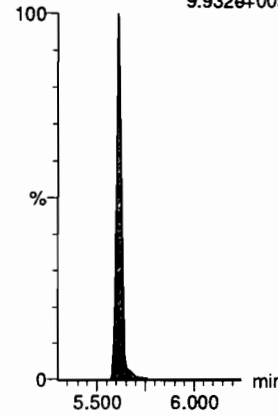
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.553e+005



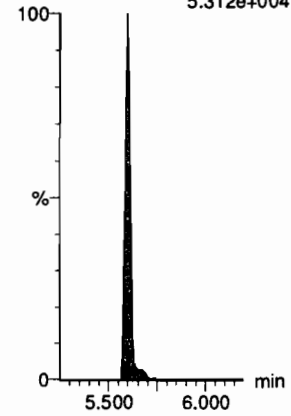
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
9.932e+005



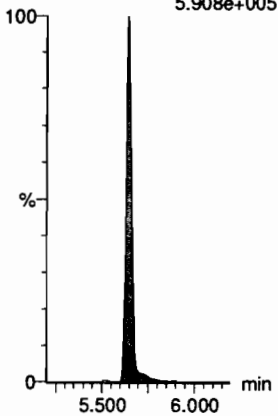
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.312e+004



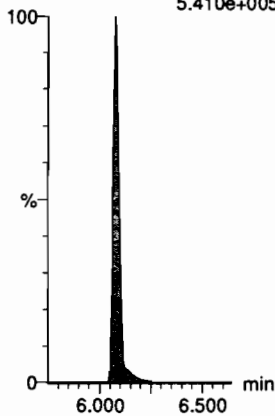
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.908e+005



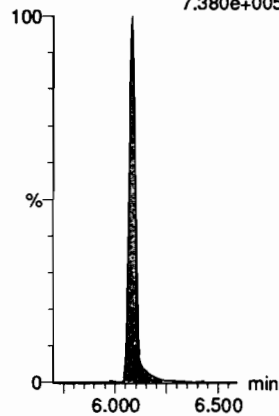
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.410e+005



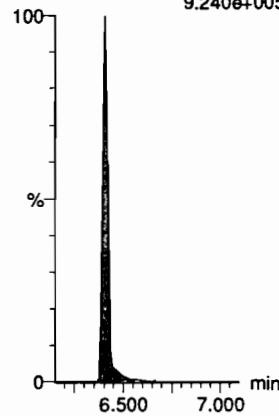
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.380e+005



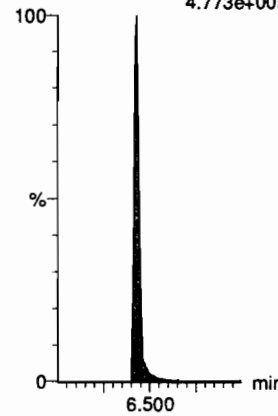
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
9.240e+005



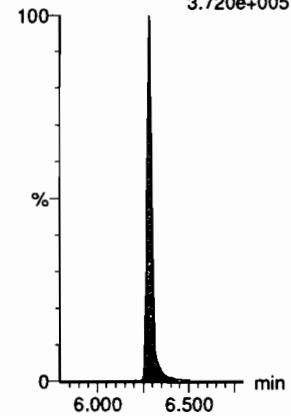
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.773e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.720e+005



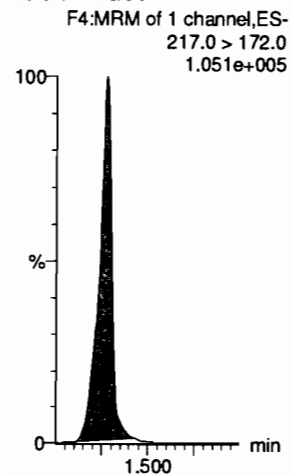
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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

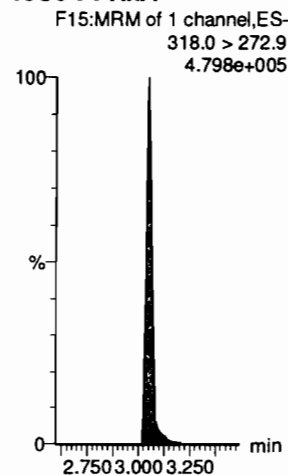
Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_7, Date: 14-Jul-2020, Time: 16:12:23, ID: ST200714M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

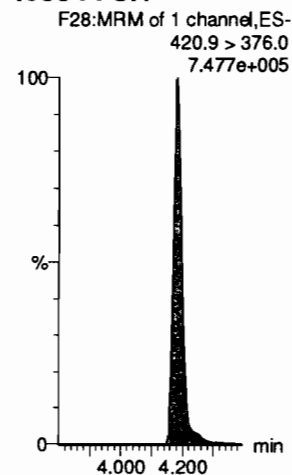
13C4-PFBA



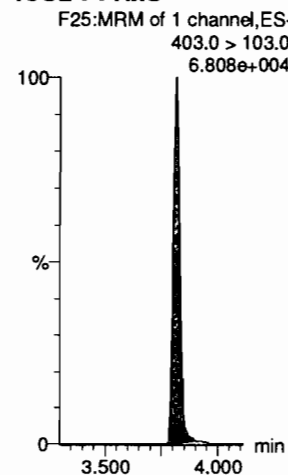
13C5-PFHxA



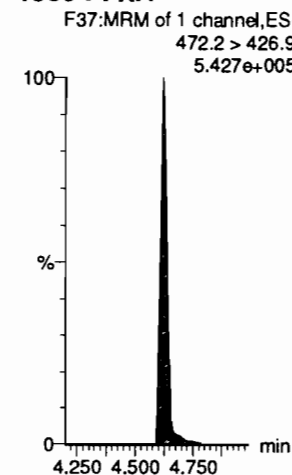
13C8-PFOA



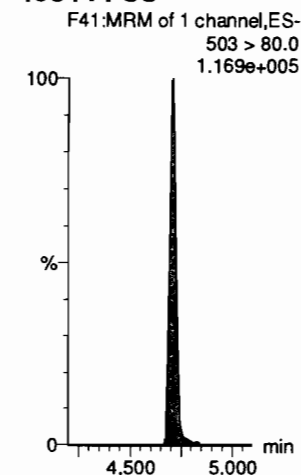
18O2-PFHxS



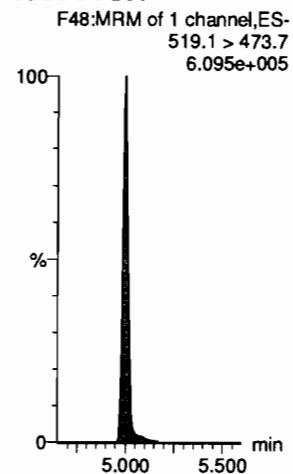
13C9-PFNA



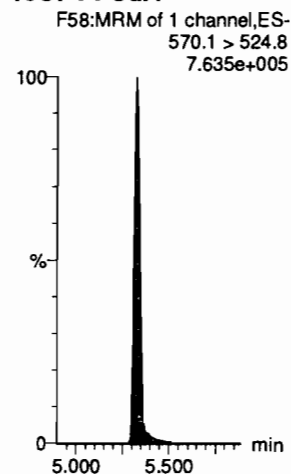
13C4-PFOS



13C6-PFDA



13C7-PFUDA

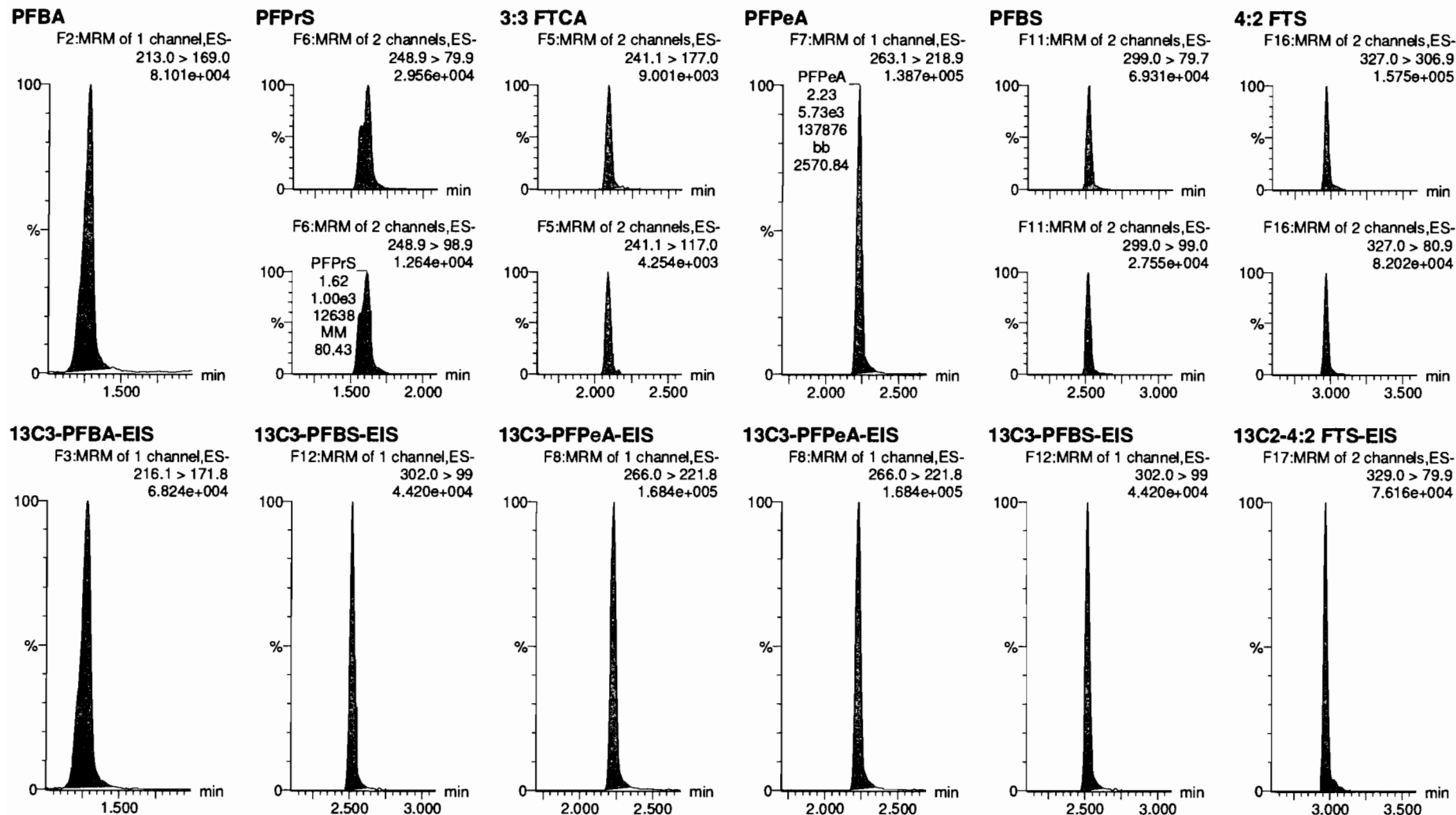


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_8, Date: 14-Jul-2020, Time: 16:22:46, ID: ST200714M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

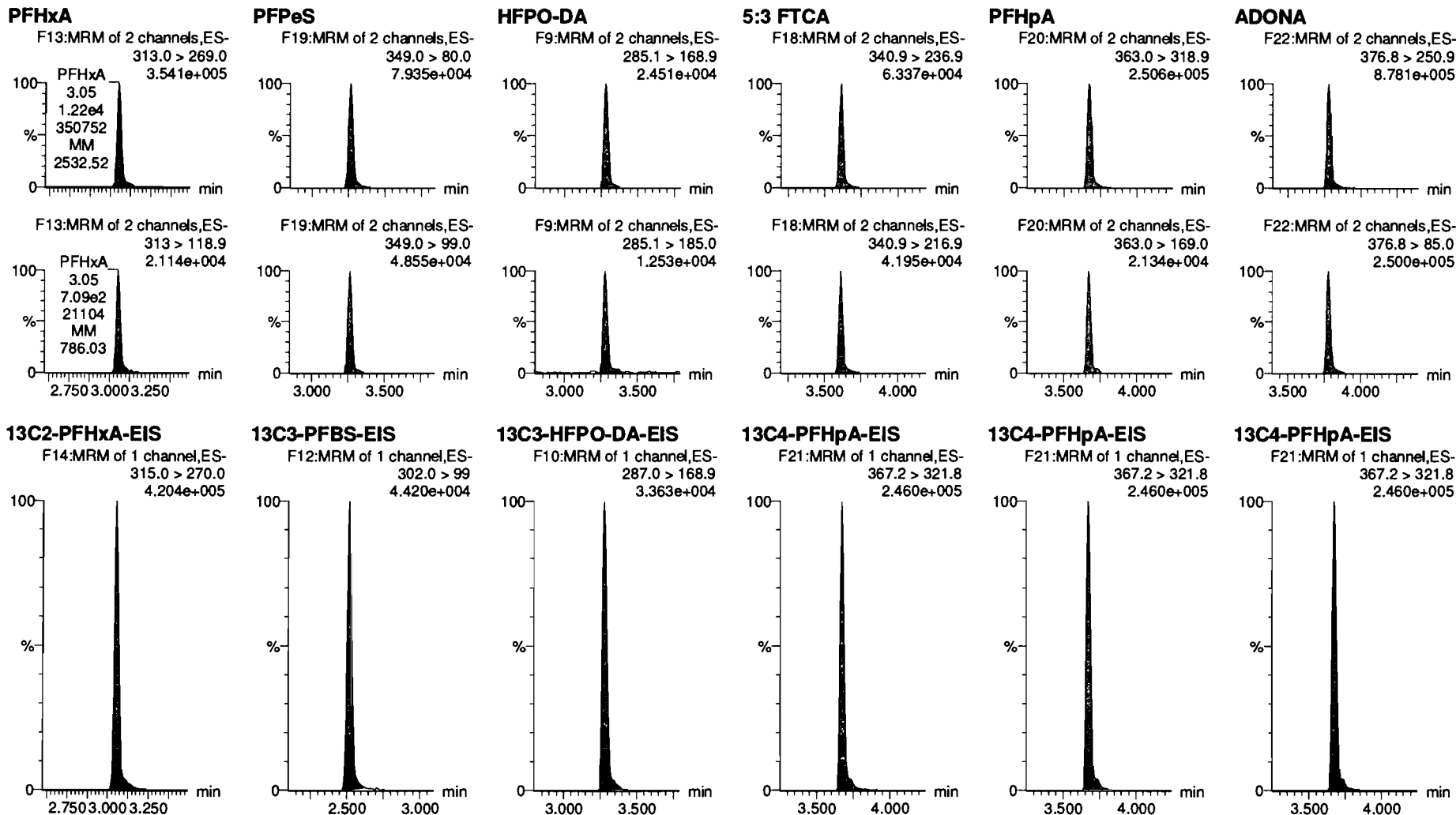


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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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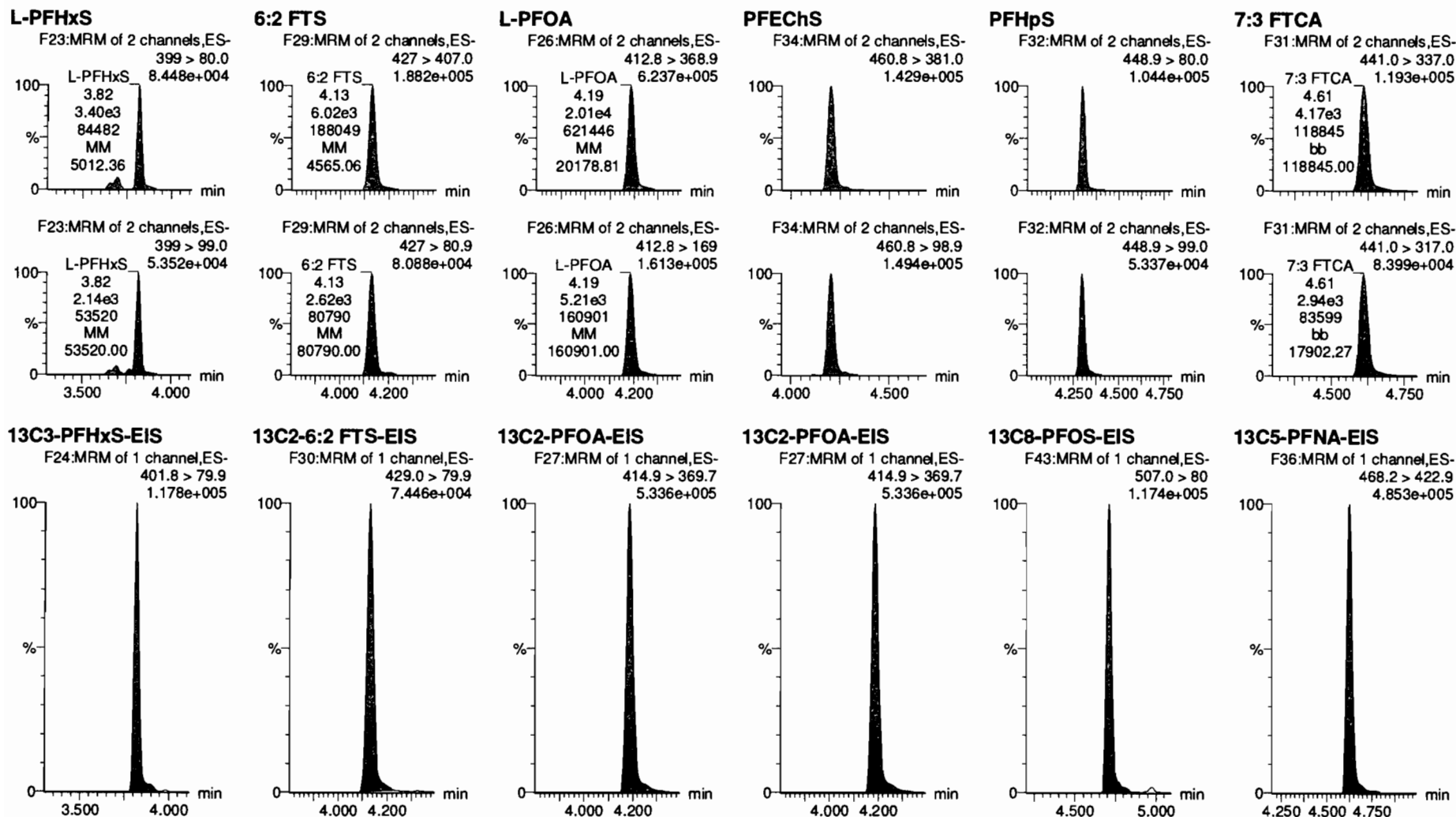


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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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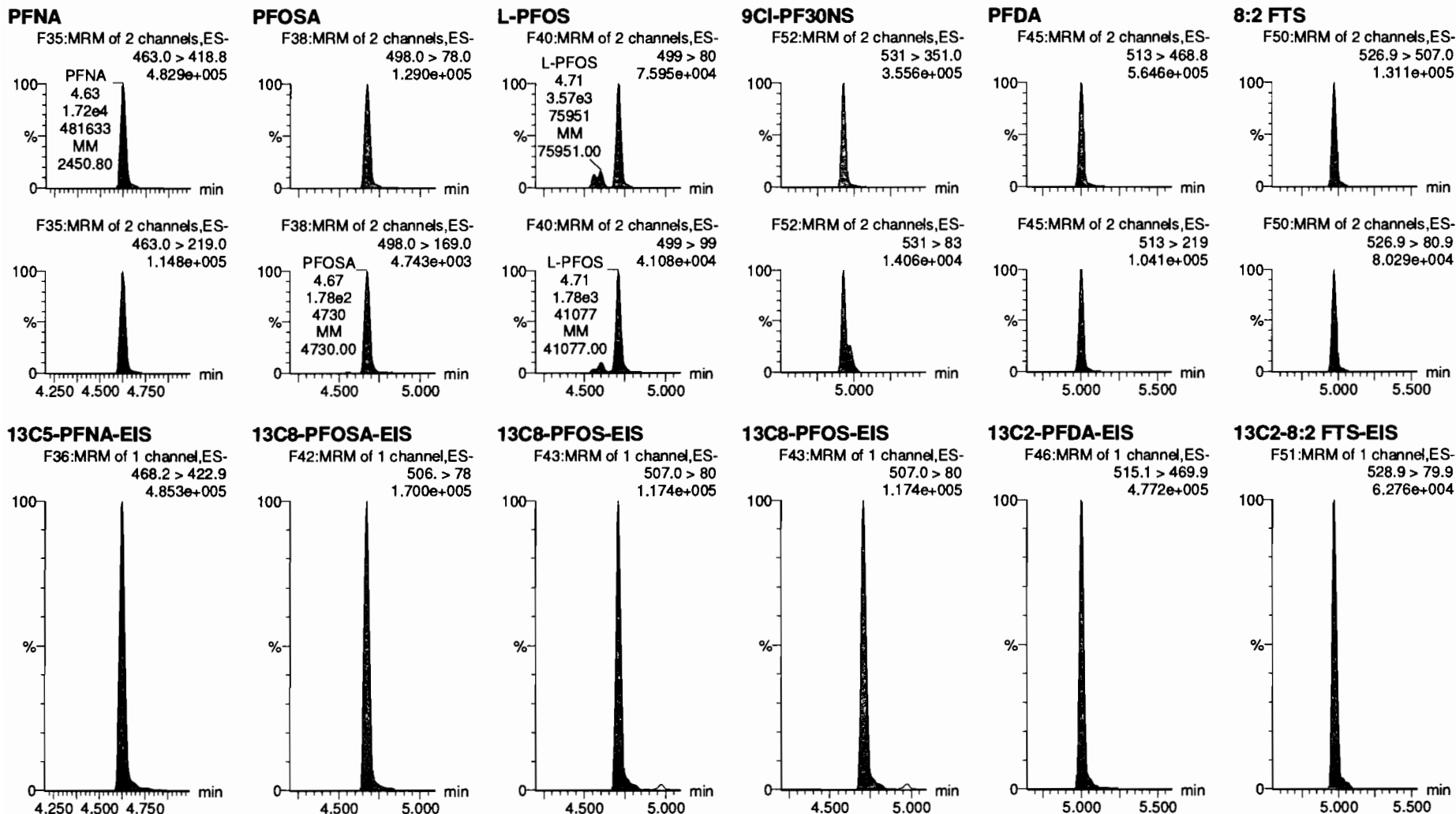


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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_8, Date: 14-Jul-2020, Time: 16:22:46, ID: ST200714M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

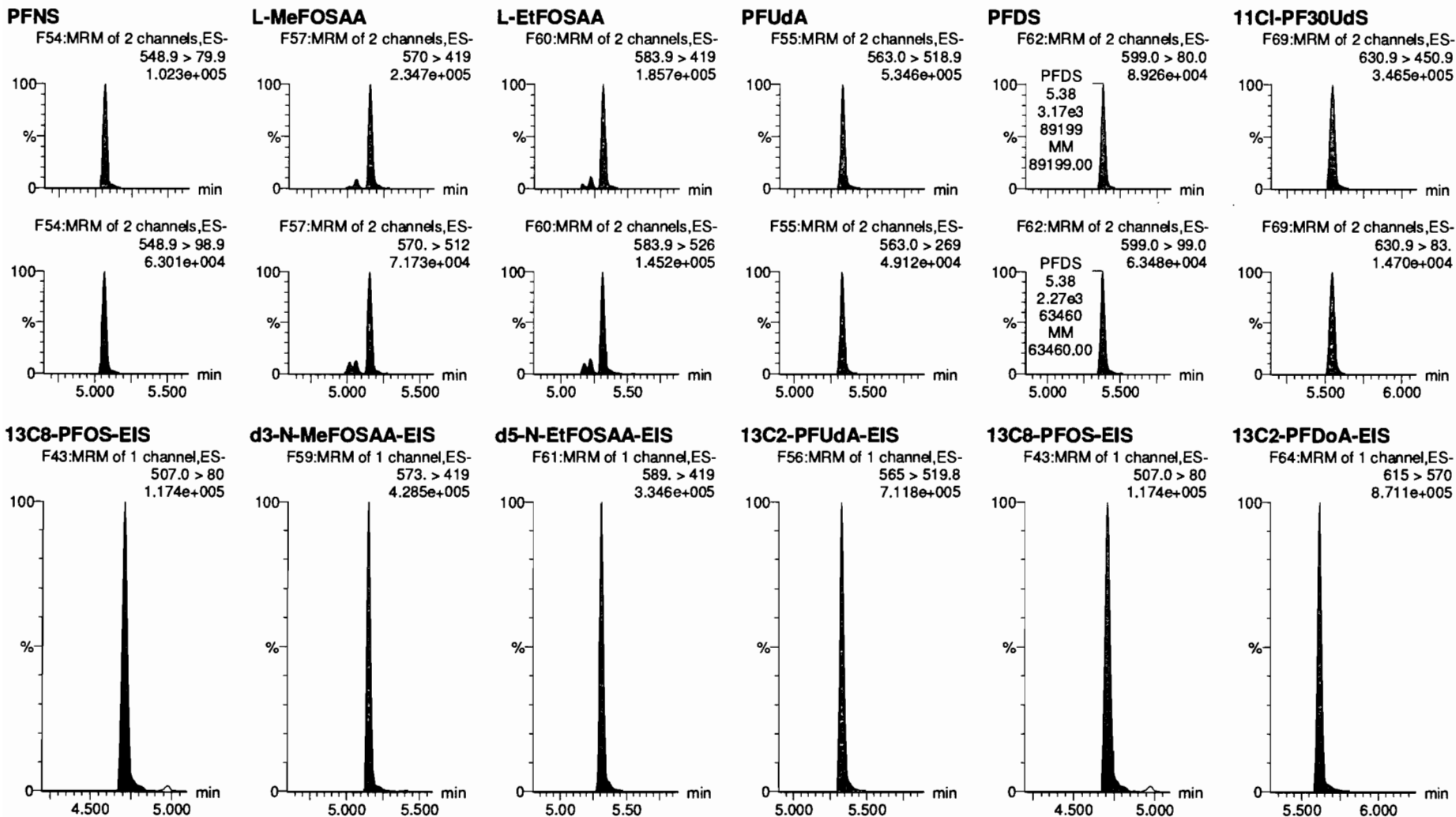


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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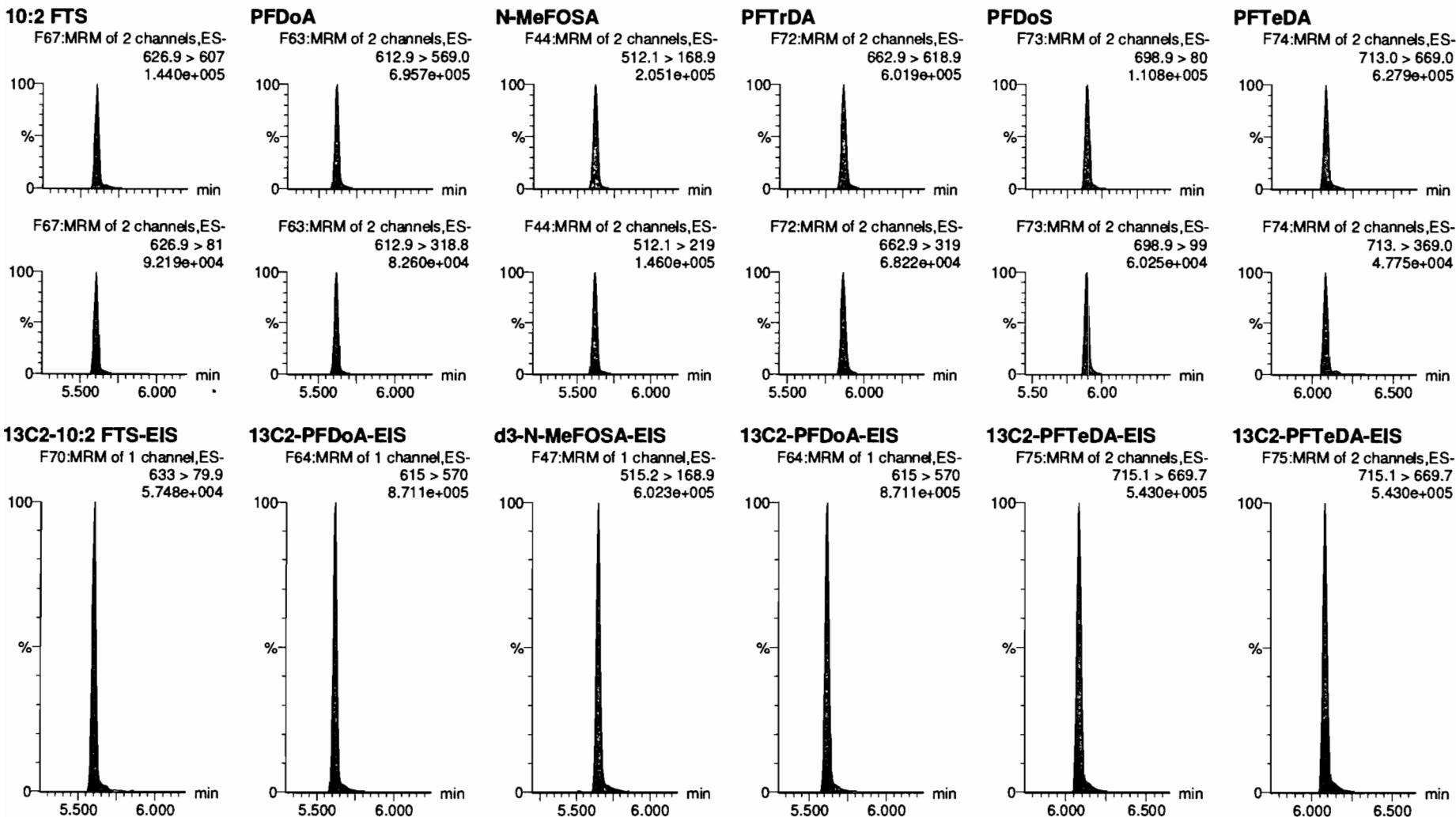


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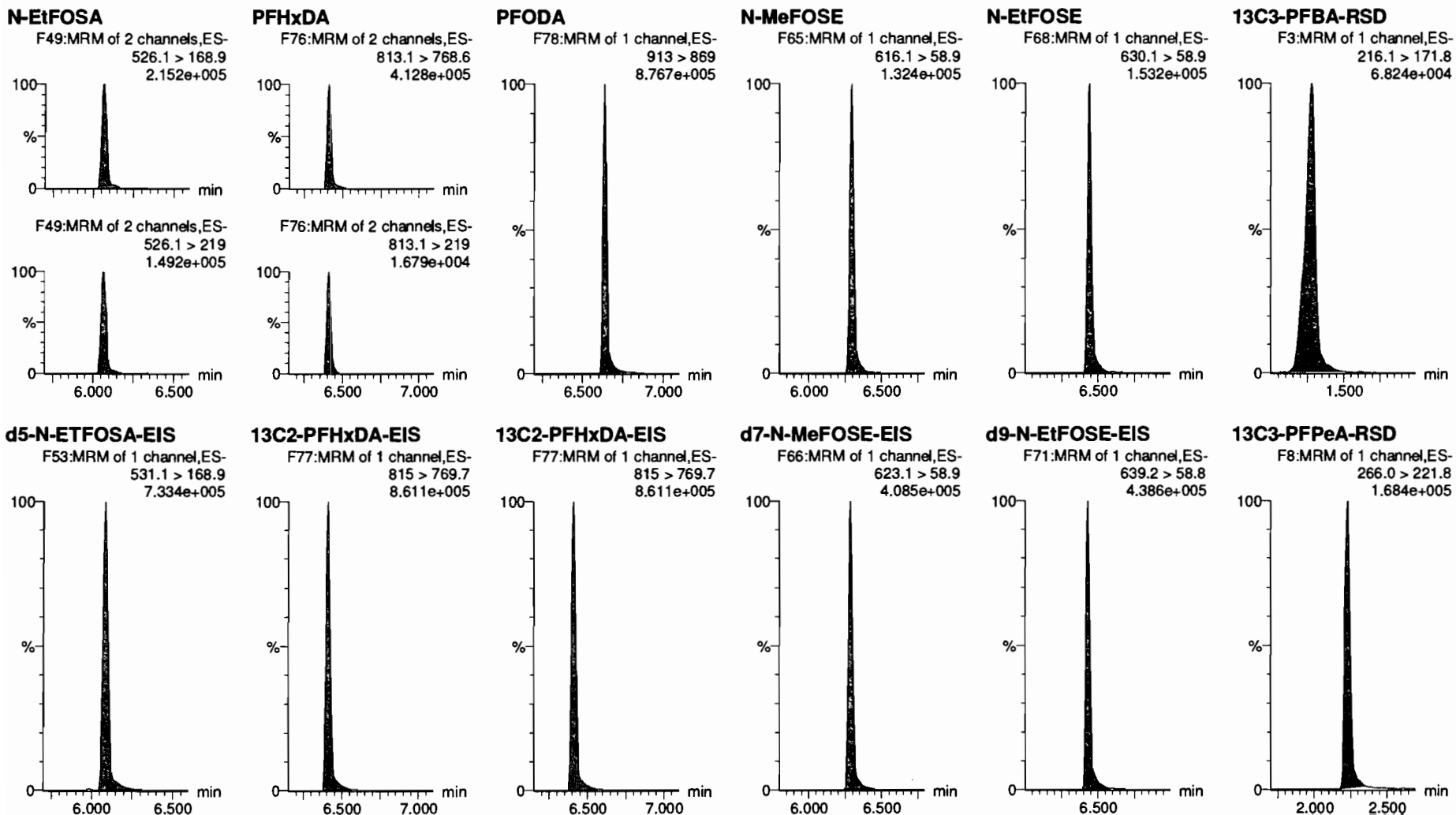


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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_8, Date: 14-Jul-2020, Time: 16:22:46, ID: ST200714M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

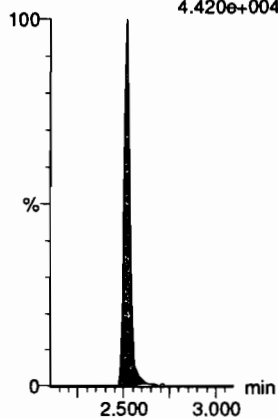
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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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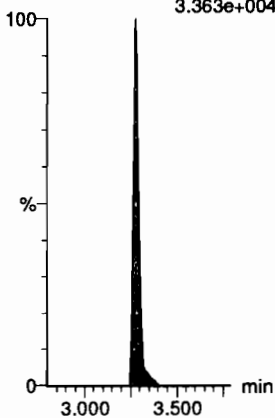
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
4.420e+004



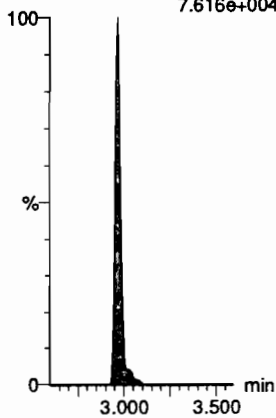
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.363e+004



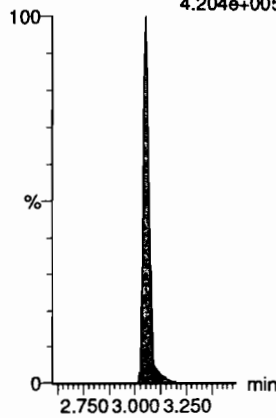
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.616e+004



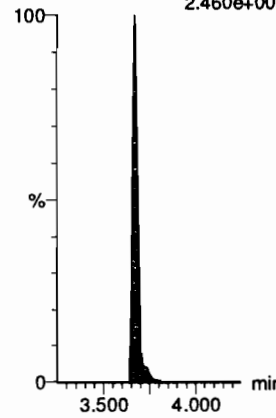
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
4.204e+005



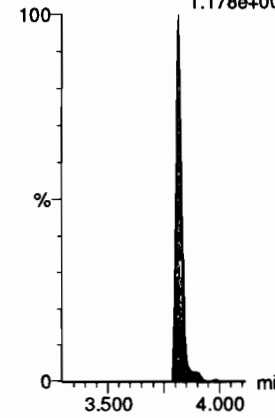
13C4-PFHpA-RSD

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



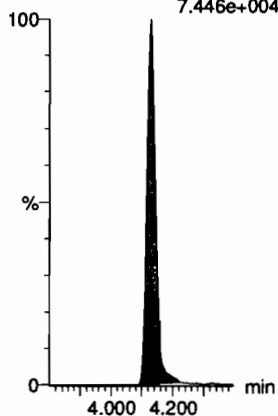
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.178e+005



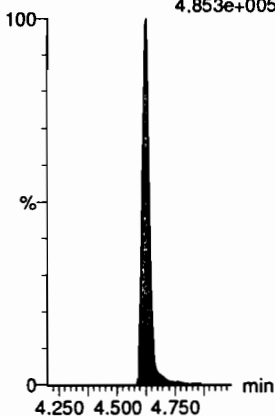
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
7.446e+004



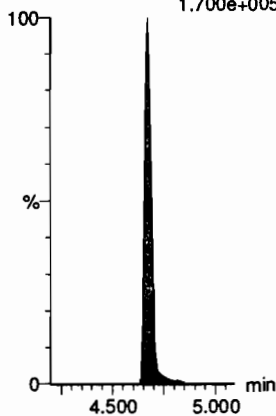
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.853e+005



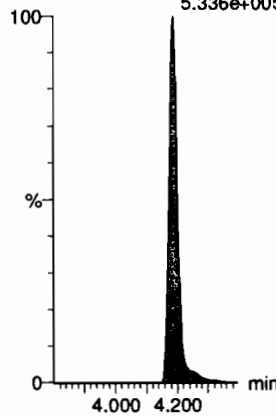
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.700e+005



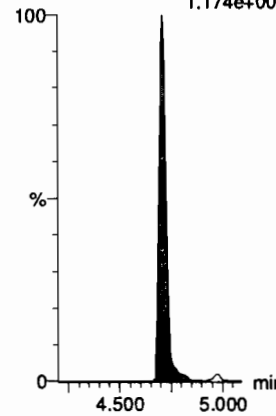
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.336e+005



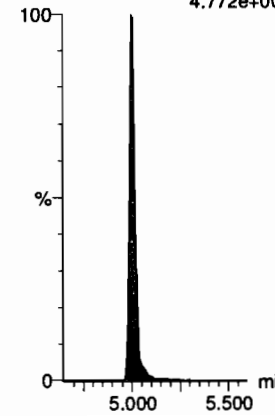
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.174e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.772e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

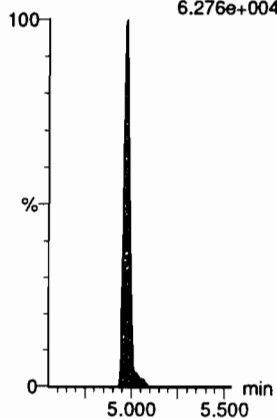
Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_8, Date: 14-Jul-2020, Time: 16:22:46, ID: ST200714M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

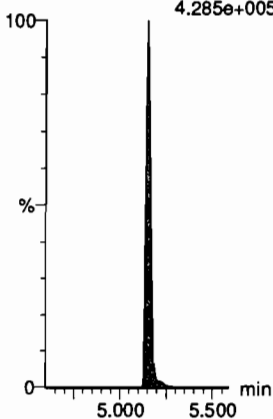
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.276e+004



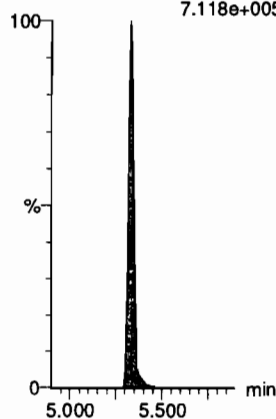
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.285e+005



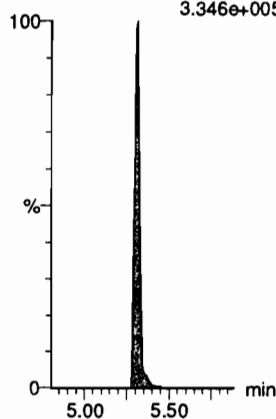
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
7.118e+005



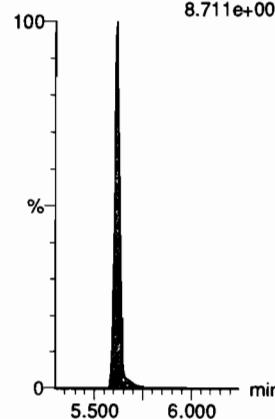
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.346e+005



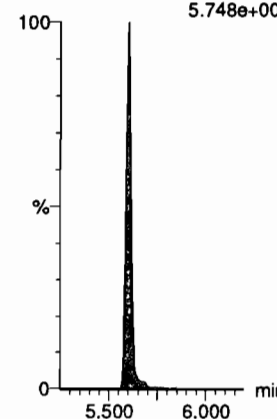
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
8.711e+005



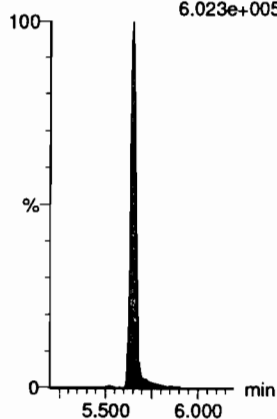
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.748e+004



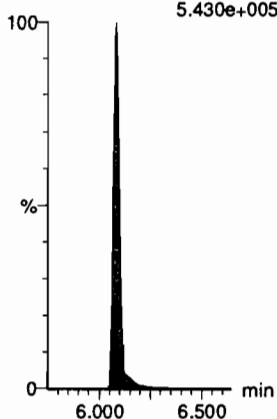
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
6.023e+005



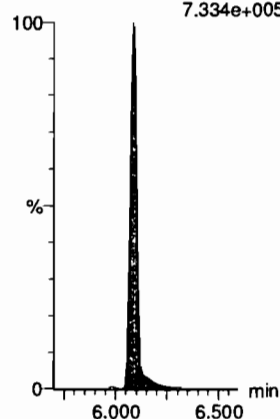
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.430e+005



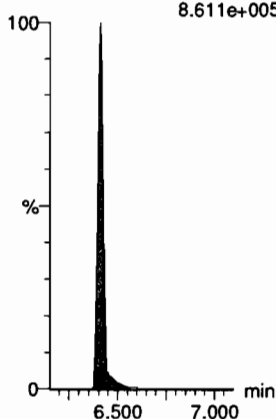
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.334e+005



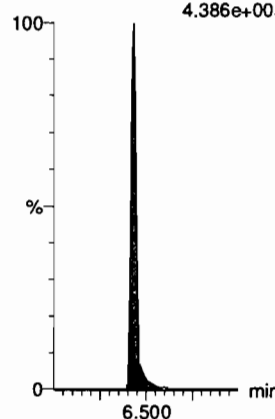
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.611e+005



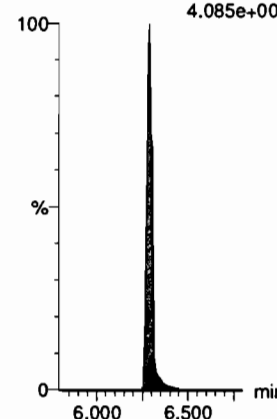
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.386e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
4.085e+005



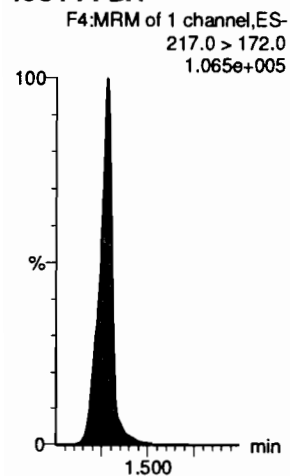
Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

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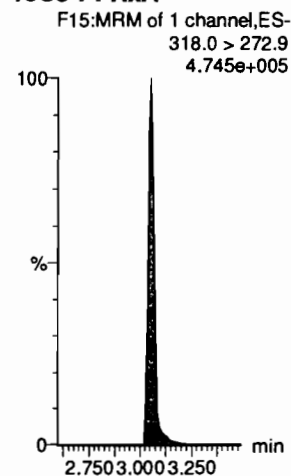
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Name: 200714M1_8, Date: 14-Jul-2020, Time: 16:22:46, ID: ST200714M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

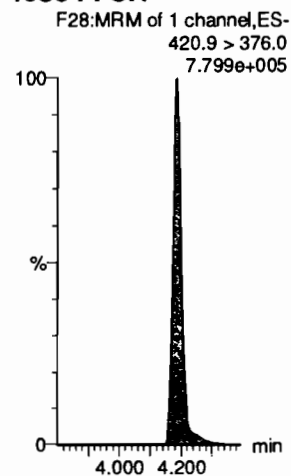
13C4-PFBA



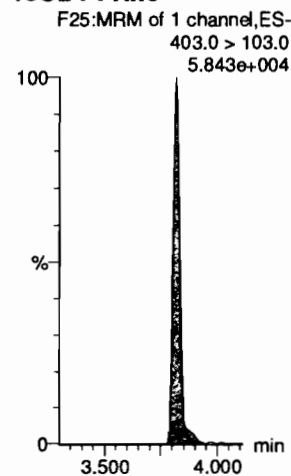
13C5-PFHxA



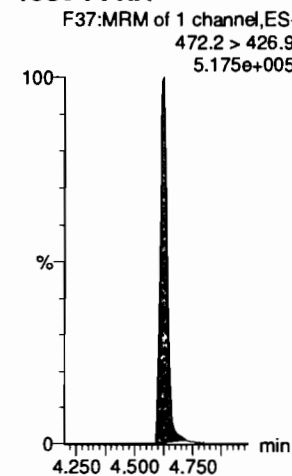
13C8-PFOA



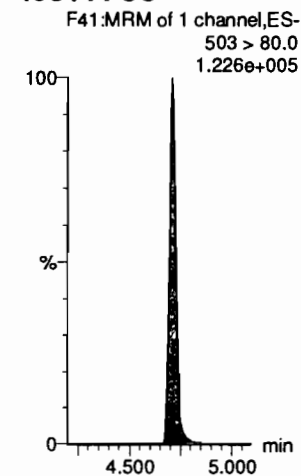
18O2-PFHxS



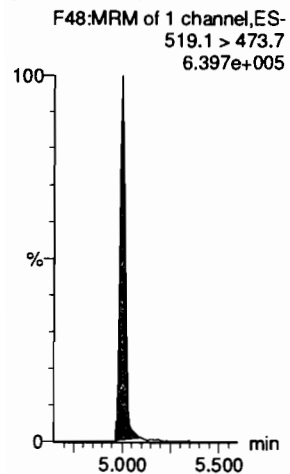
13C9-PFNA



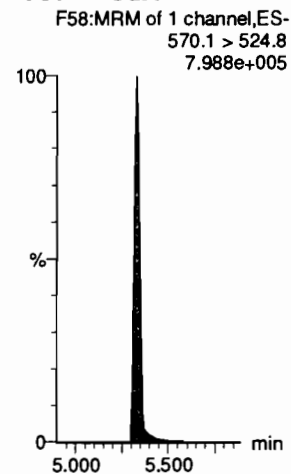
13C4-PFOS



13C6-PFDA



13C7-PFudA

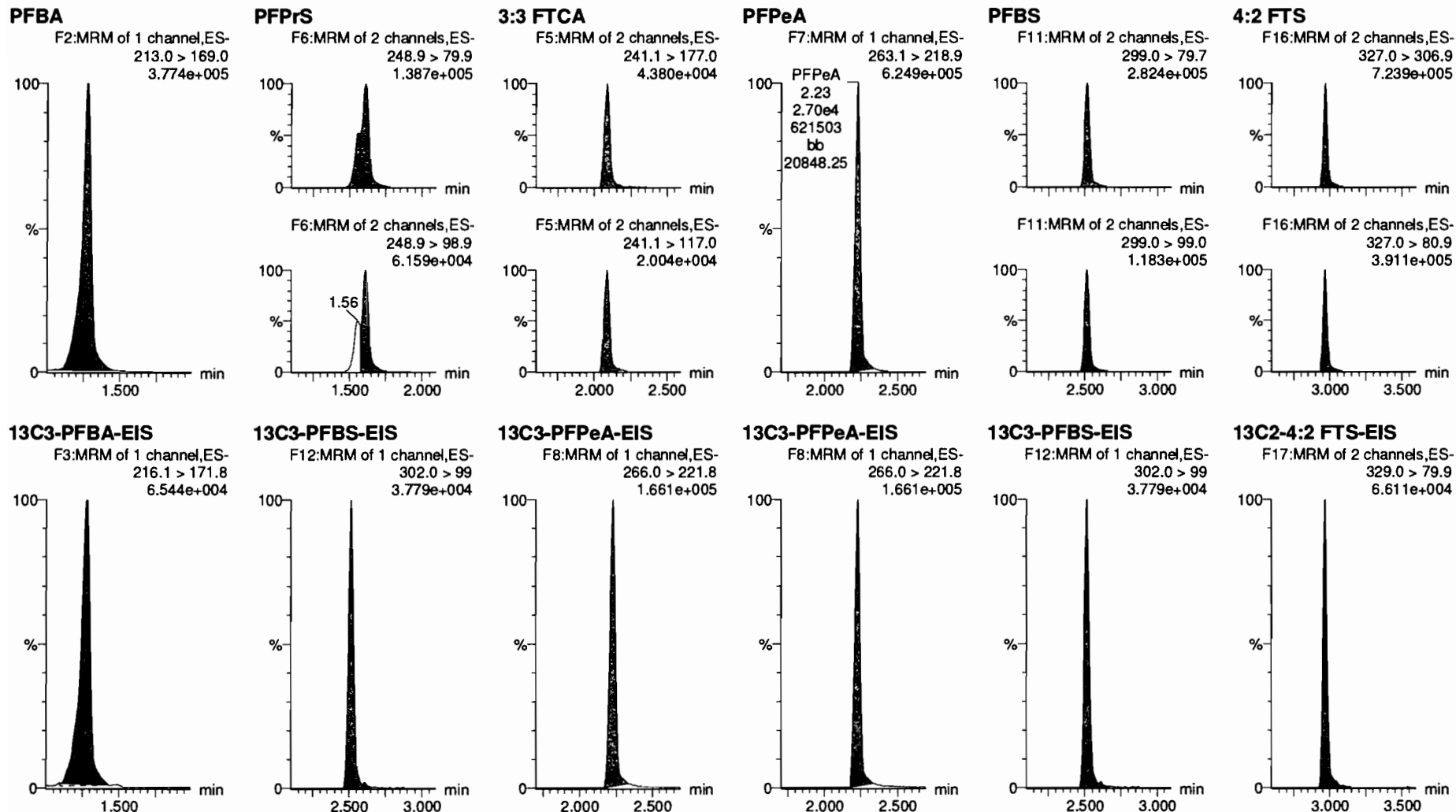


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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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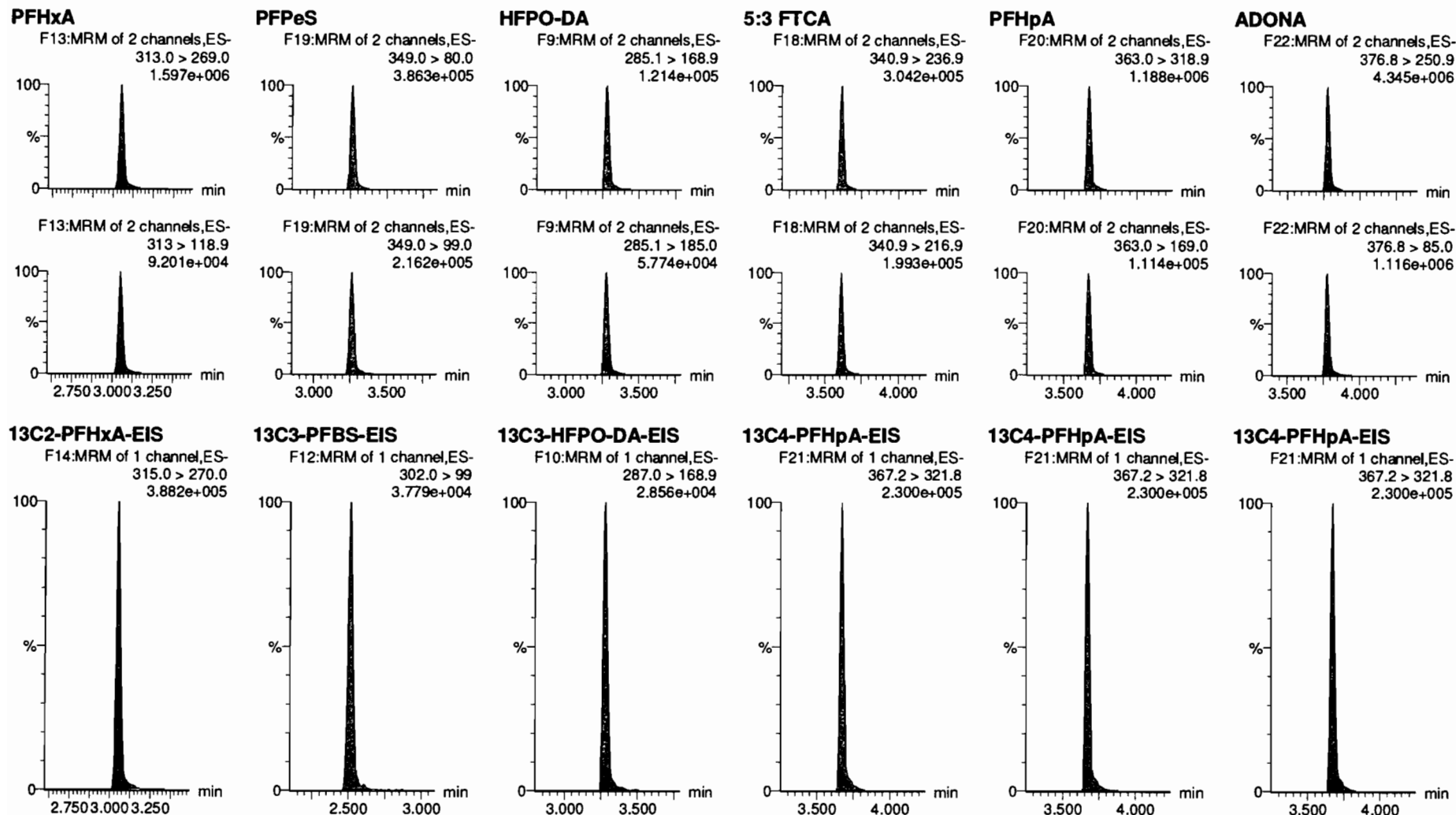


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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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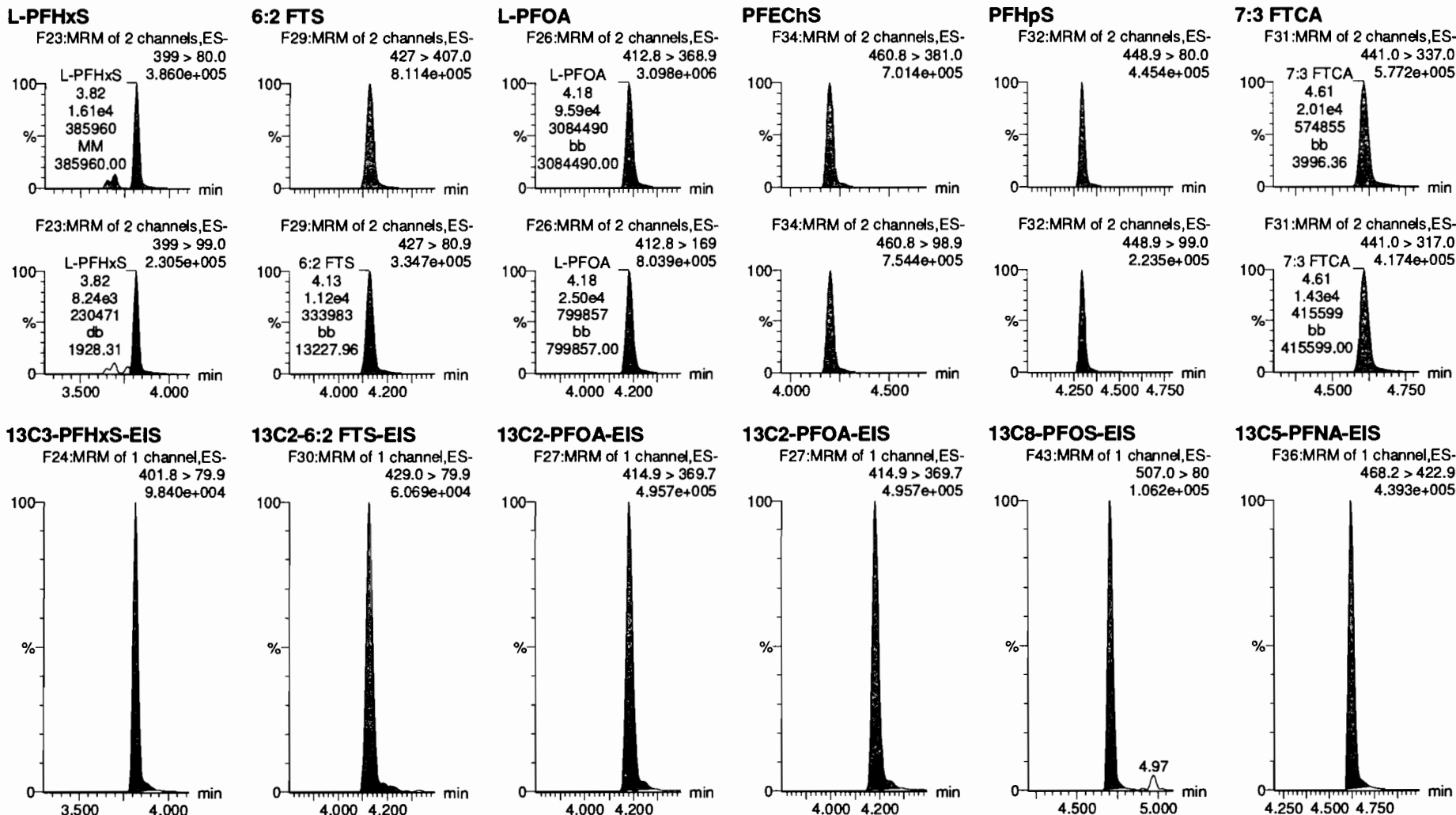


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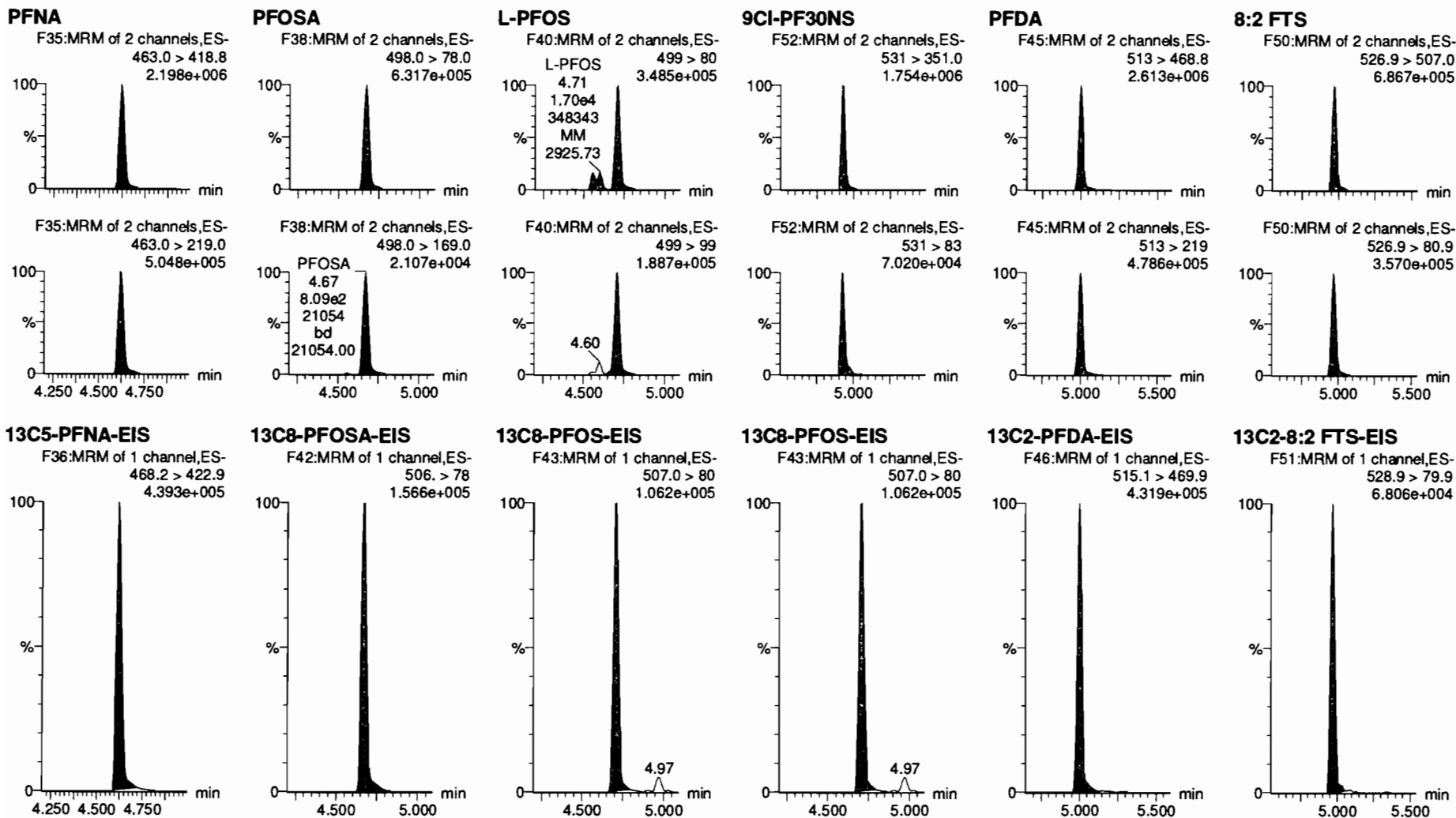


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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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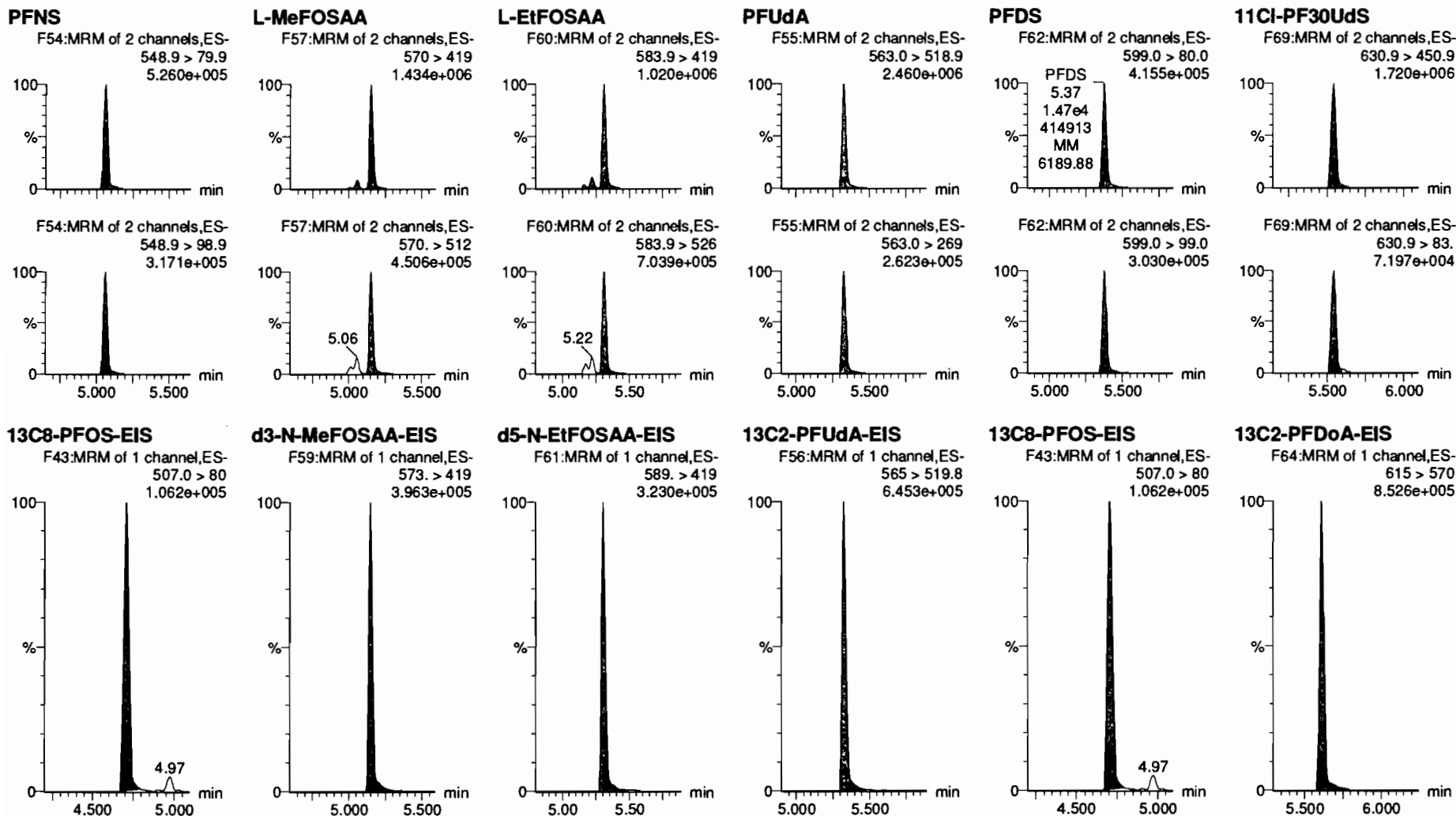


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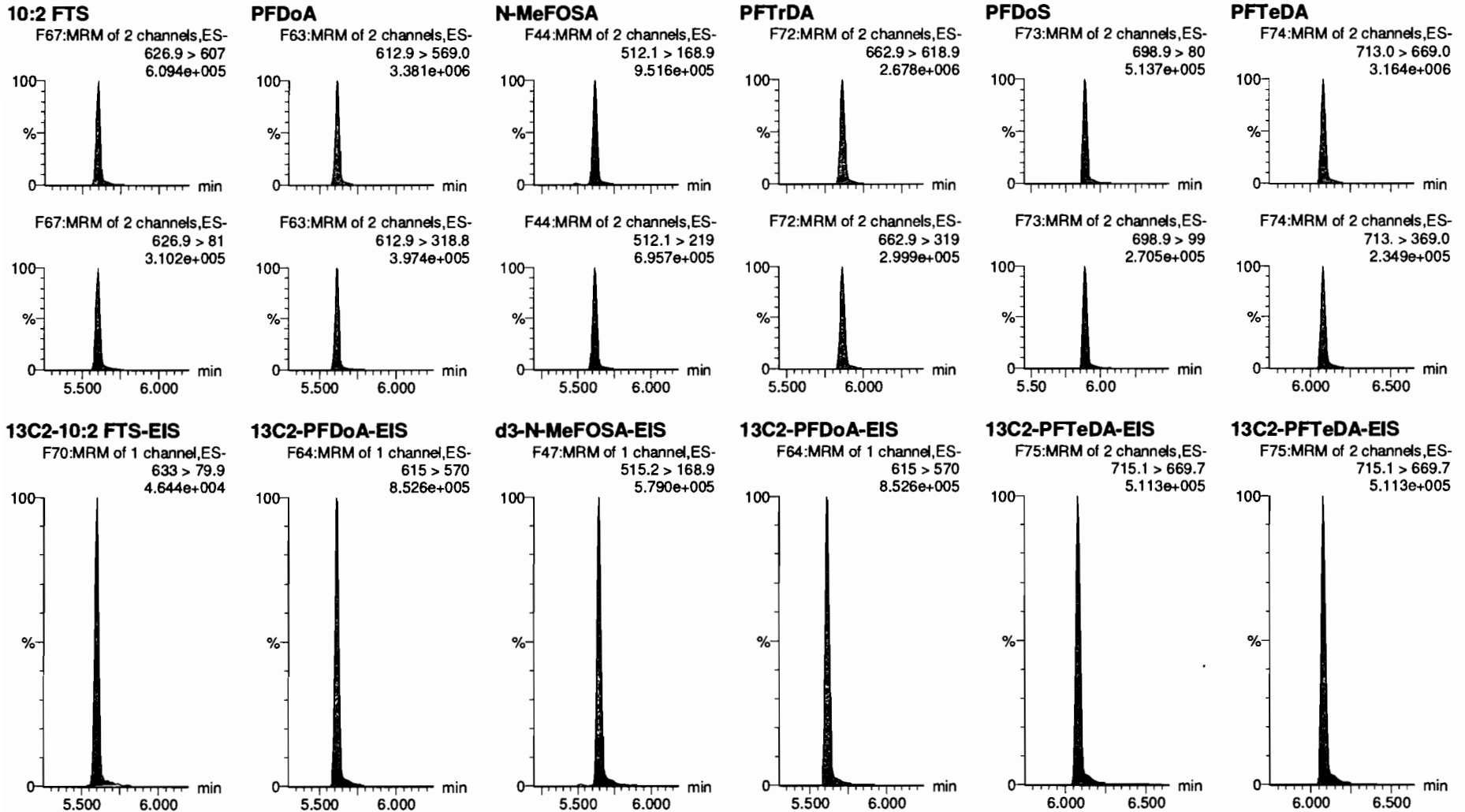


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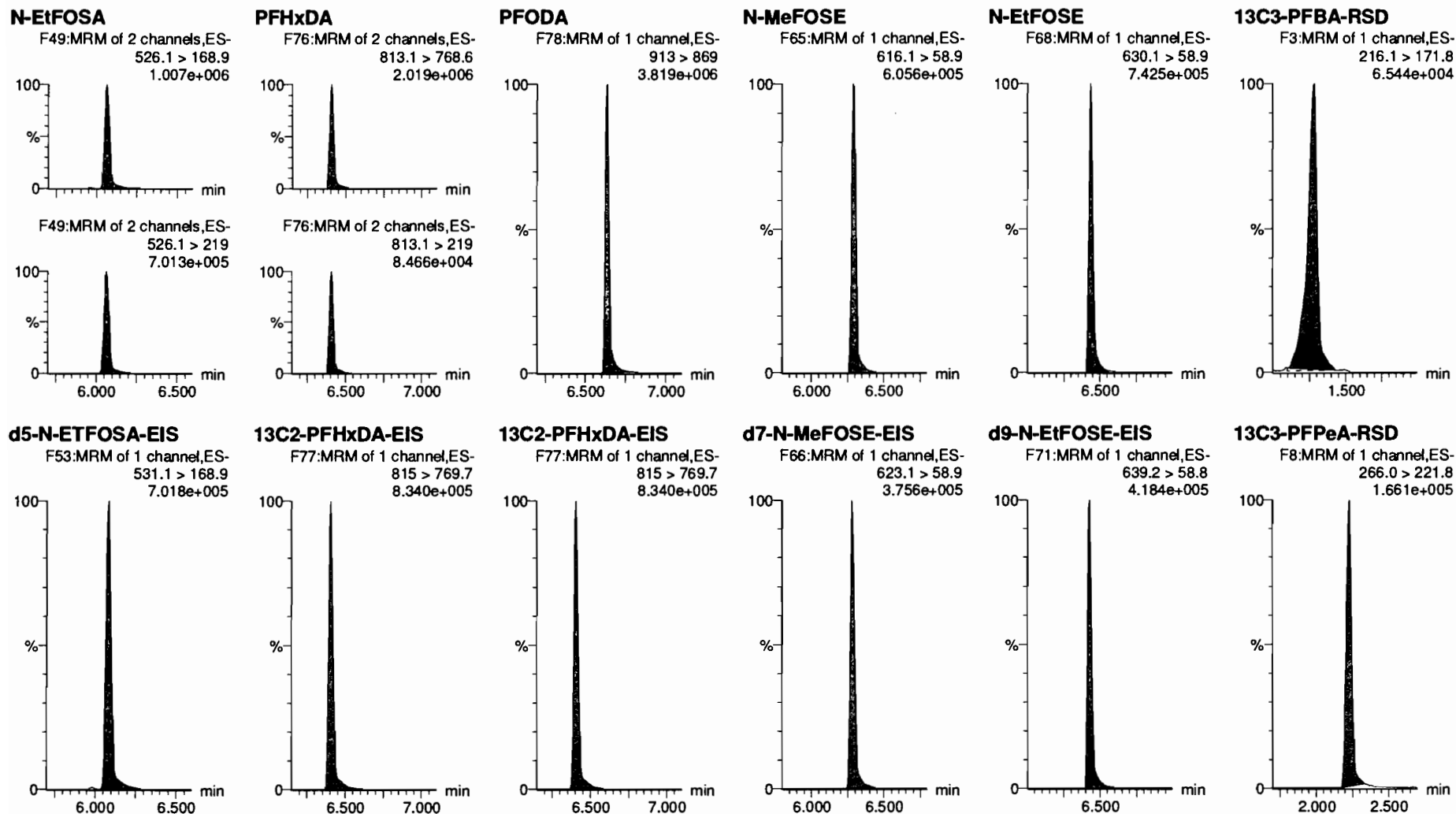


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Name: 200714M1_9, Date: 14-Jul-2020, Time: 16:33:08, ID: ST200714M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

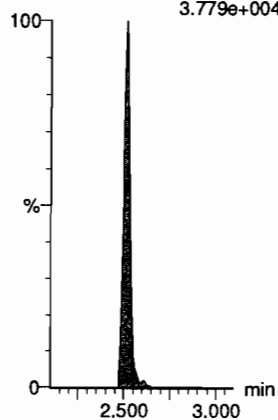
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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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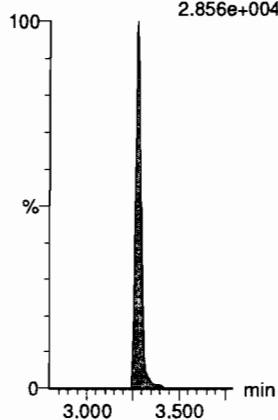
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.779e+004



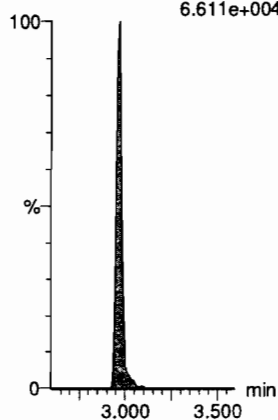
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
2.856e+004



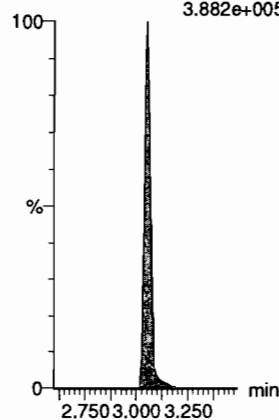
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.611e+004



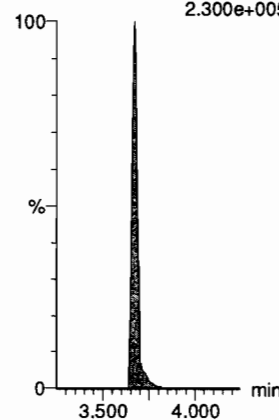
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.882e+005



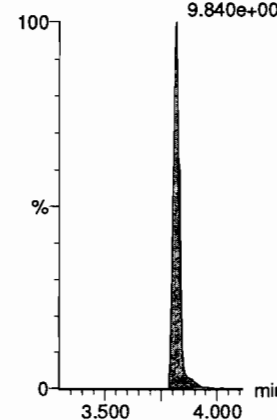
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.300e+005



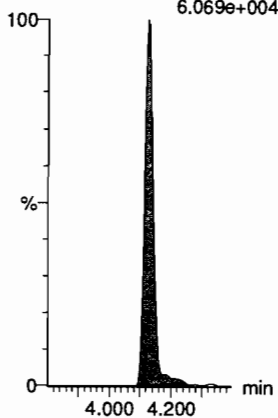
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
9.840e+004



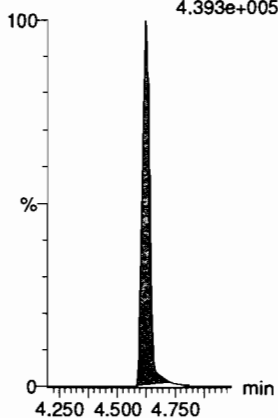
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
6.069e+004



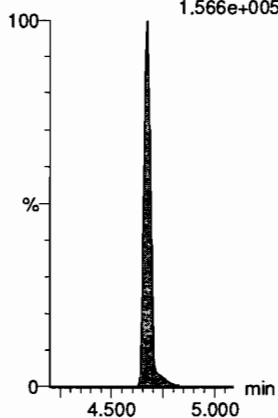
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.393e+005



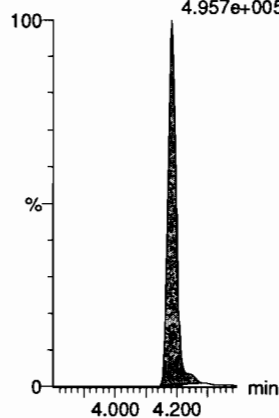
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.566e+005



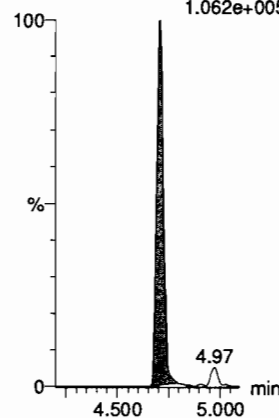
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
4.957e+005



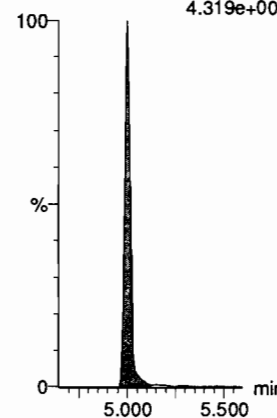
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.062e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.319e+005



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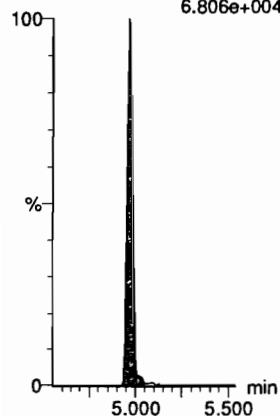
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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_9, Date: 14-Jul-2020, Time: 16:33:08, ID: ST200714M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

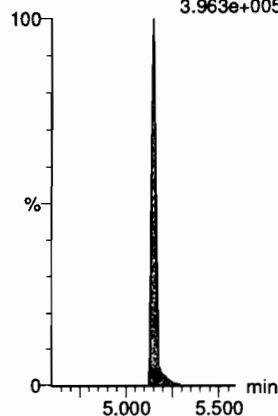
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.806e+004



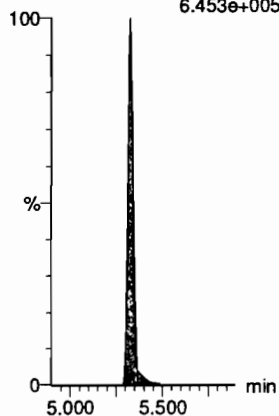
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
3.963e+005



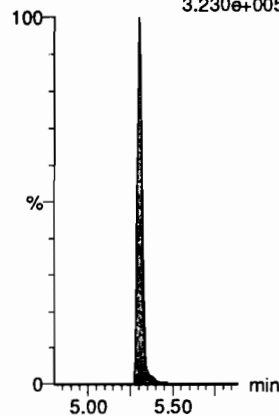
13C2-PFudA-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.453e+005



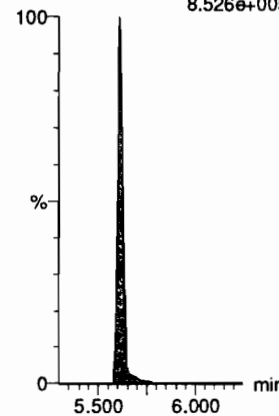
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.230e+005



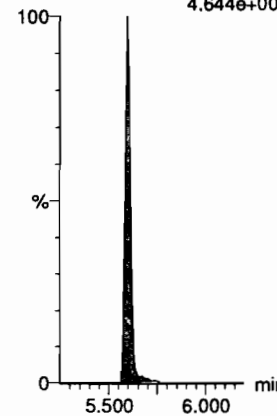
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
8.526e+005



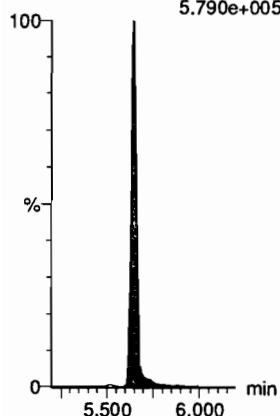
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.644e+004



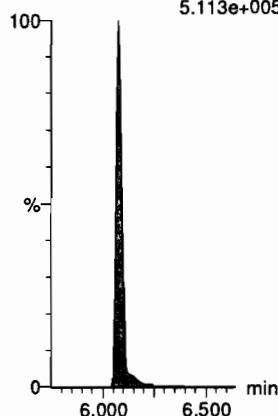
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.790e+005



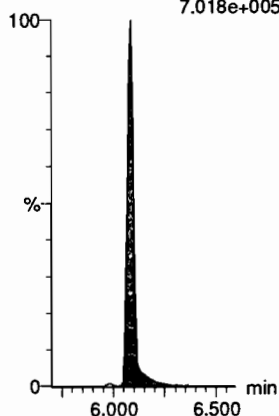
13C2-PFteDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.113e+005



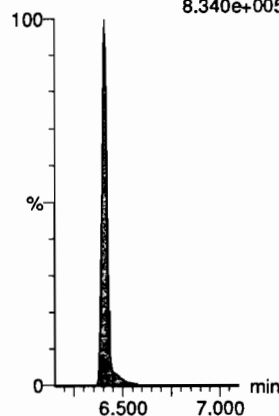
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.018e+005



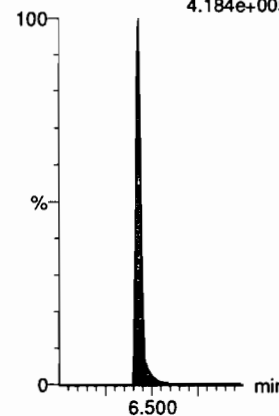
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.340e+005



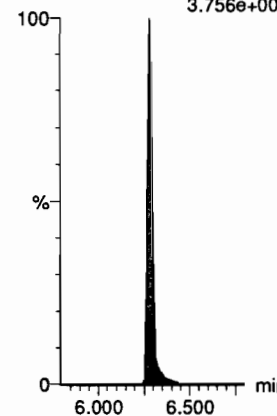
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.184e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.756e+005



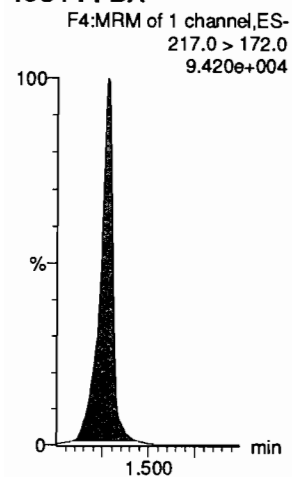
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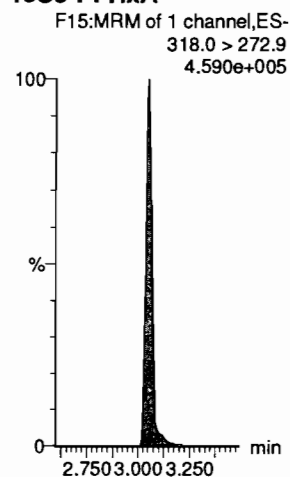
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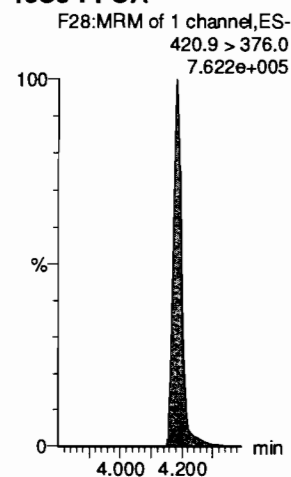
13C4-PFBA



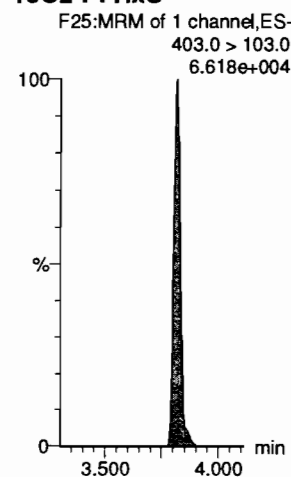
13C5-PFHxA



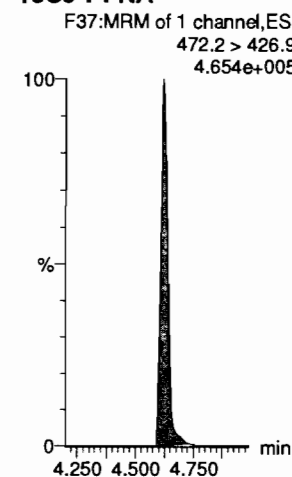
13C8-PFOA



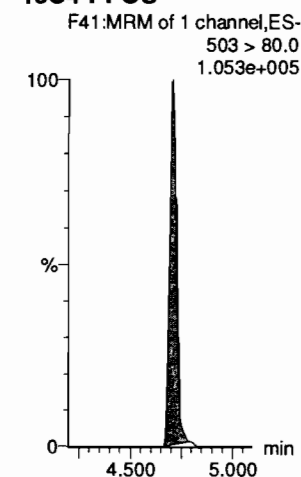
18O2-PFHxS



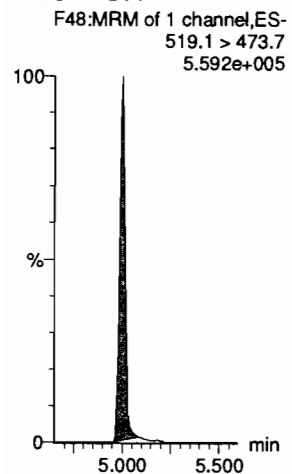
13C9-PFNA



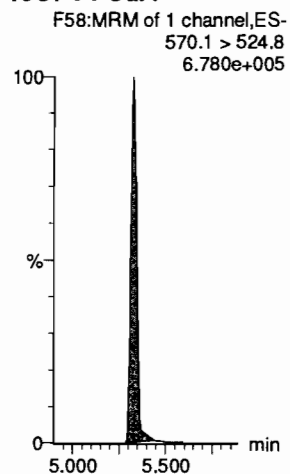
13C4-PFOS



13C6-PFDA



13C7-PFudA

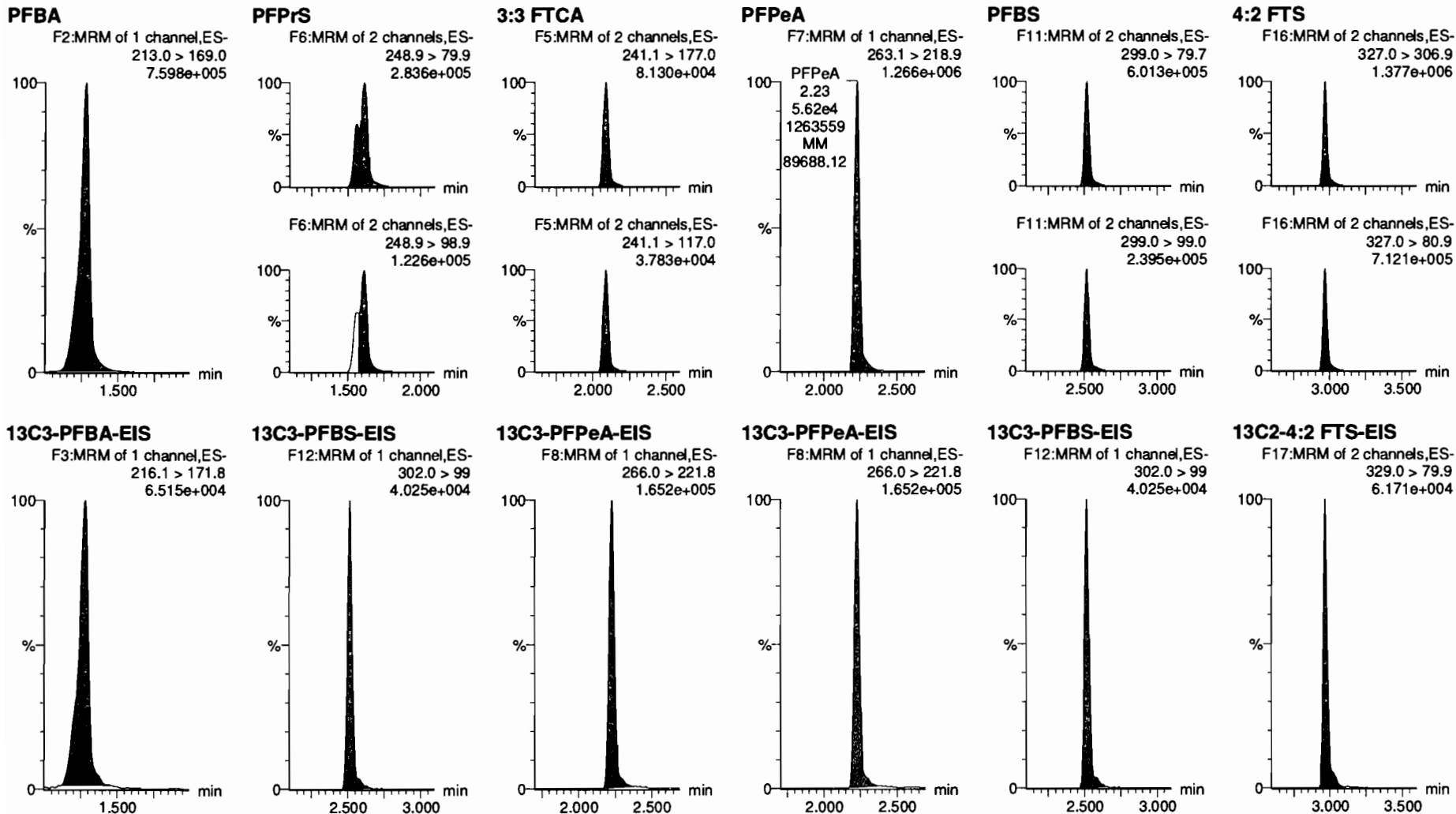


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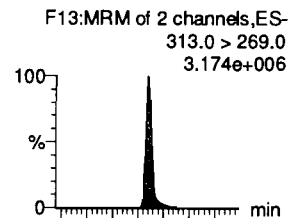
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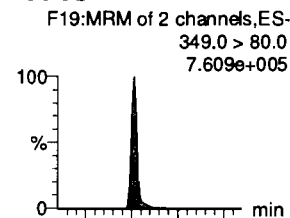
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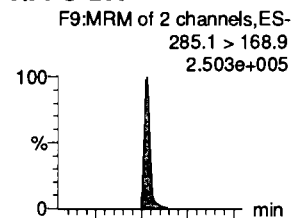
PFHxA



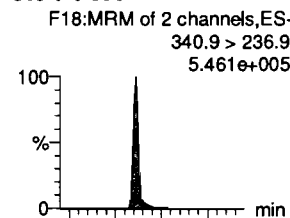
PFPeS



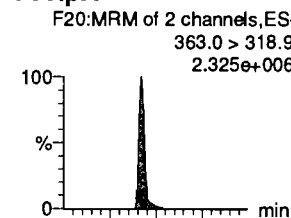
HFPO-DA



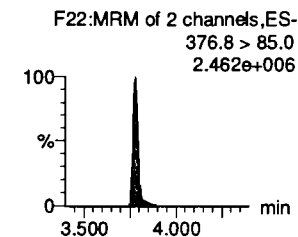
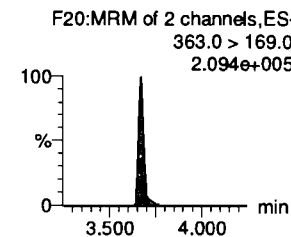
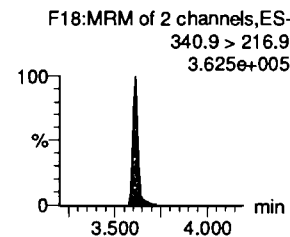
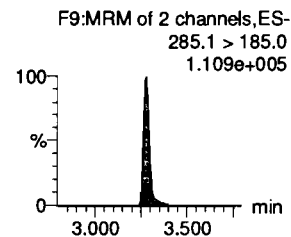
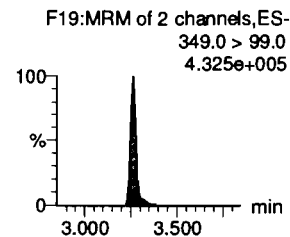
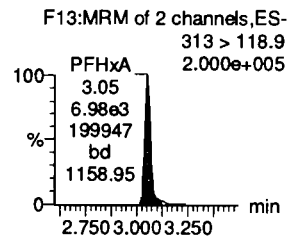
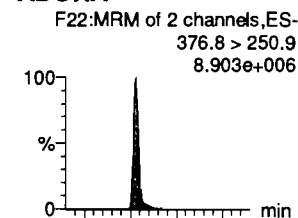
5:3 FTCA



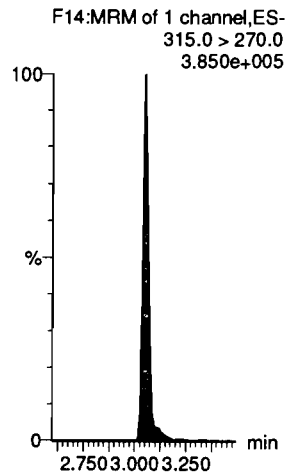
PFHpA



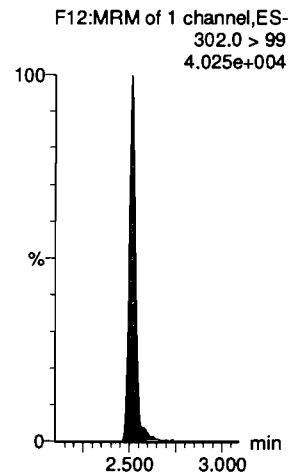
ADONA



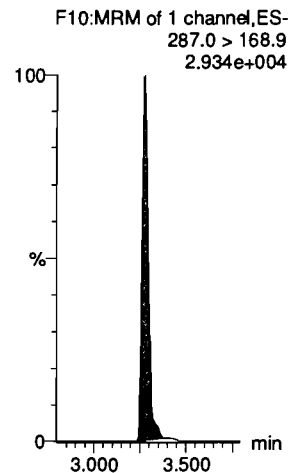
13C2-PFHxA-EIS



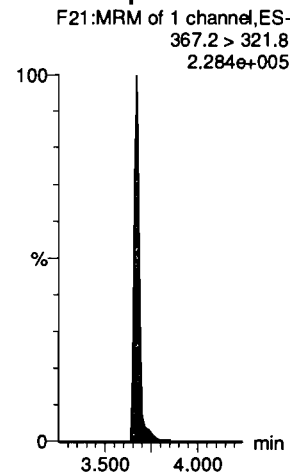
13C3-PFBS-EIS



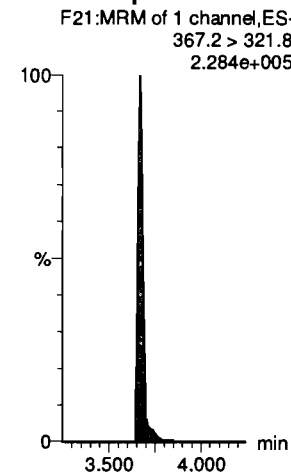
13C3-HFPO-DA-EIS



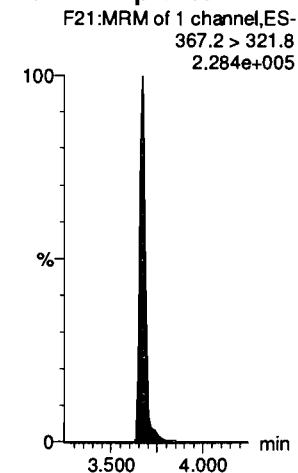
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

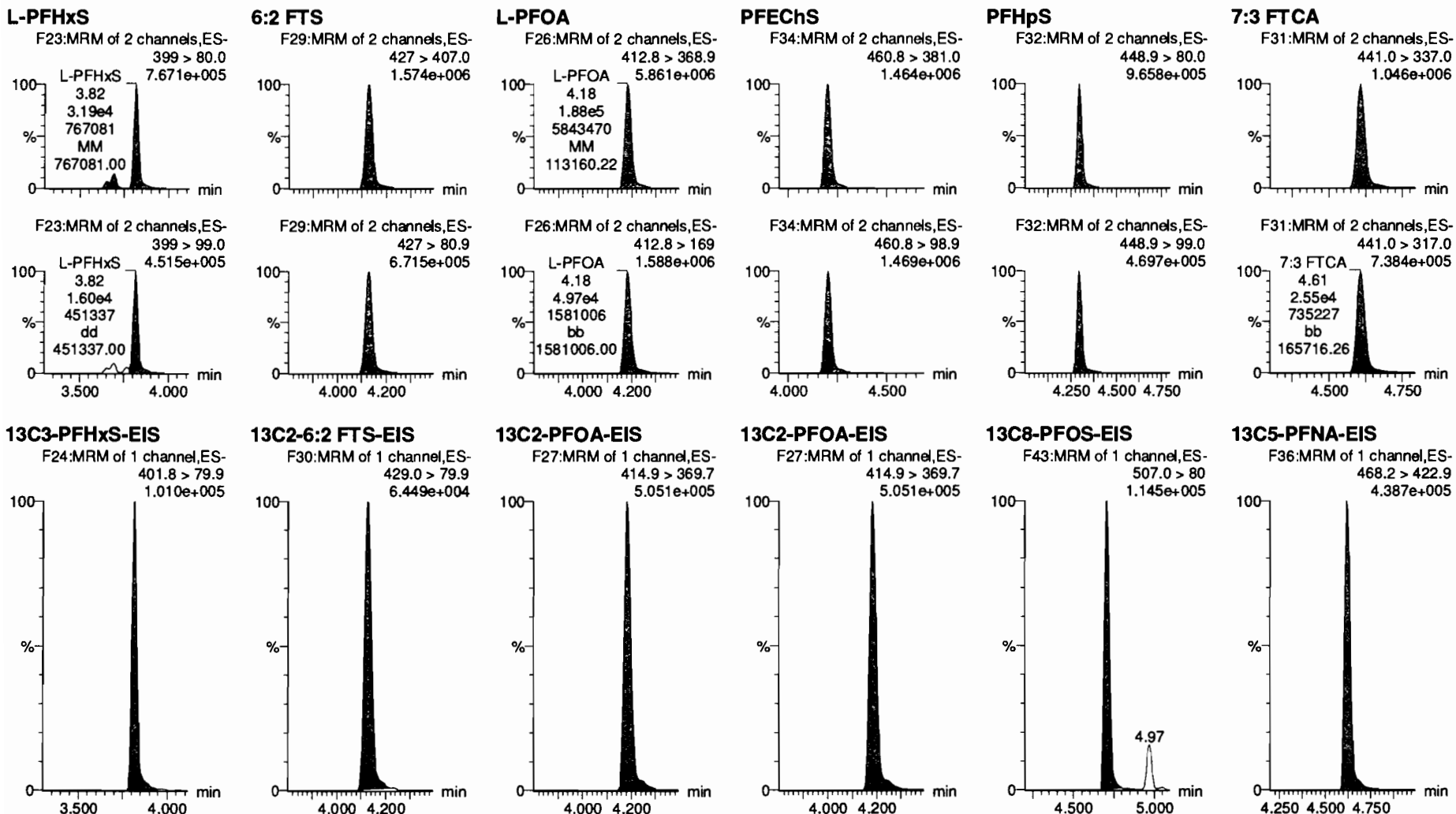


Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_10, Date: 14-Jul-2020, Time: 16:43:33, ID: ST200714M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

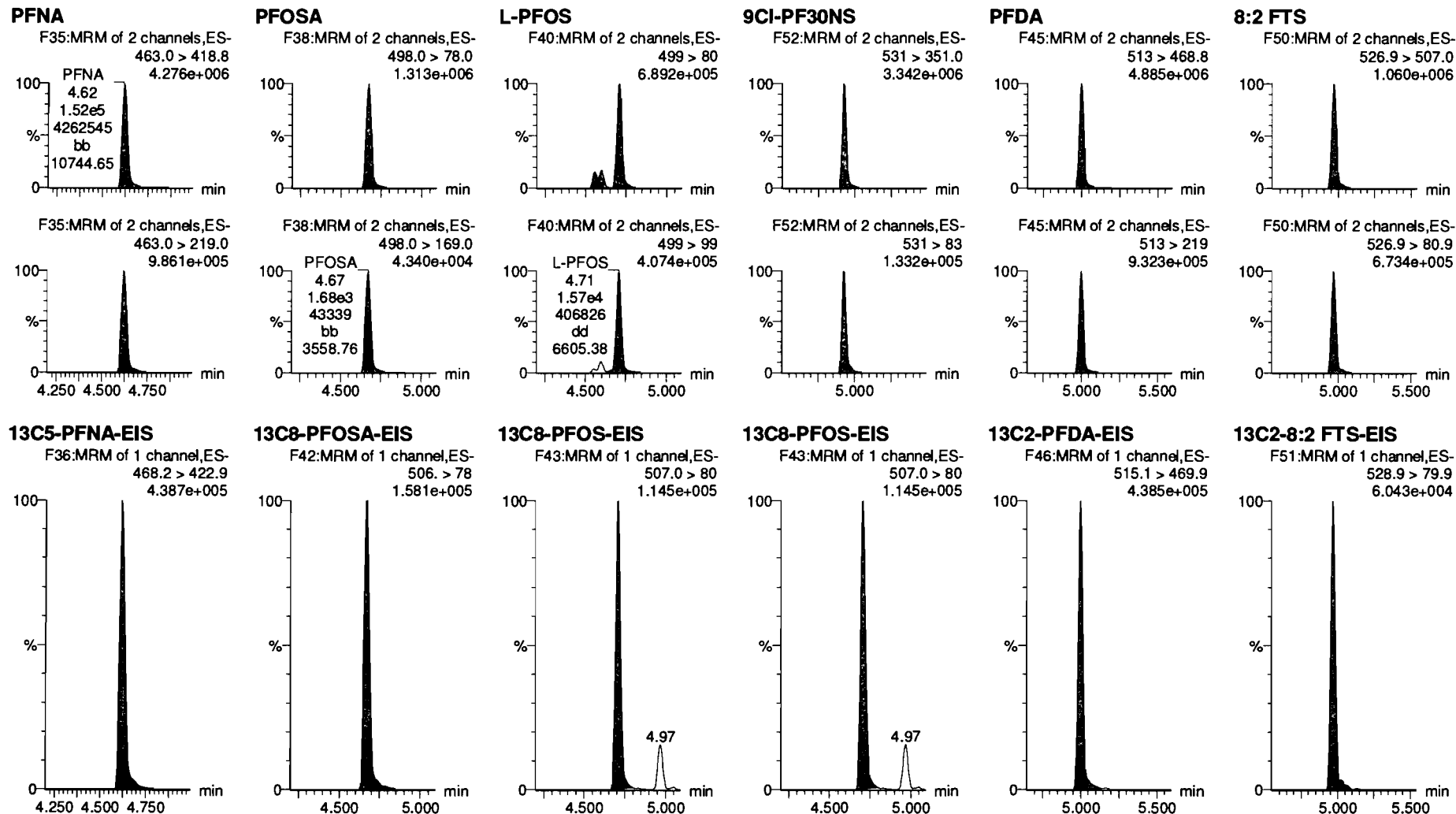


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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_10, Date: 14-Jul-2020, Time: 16:43:33, ID: ST200714M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

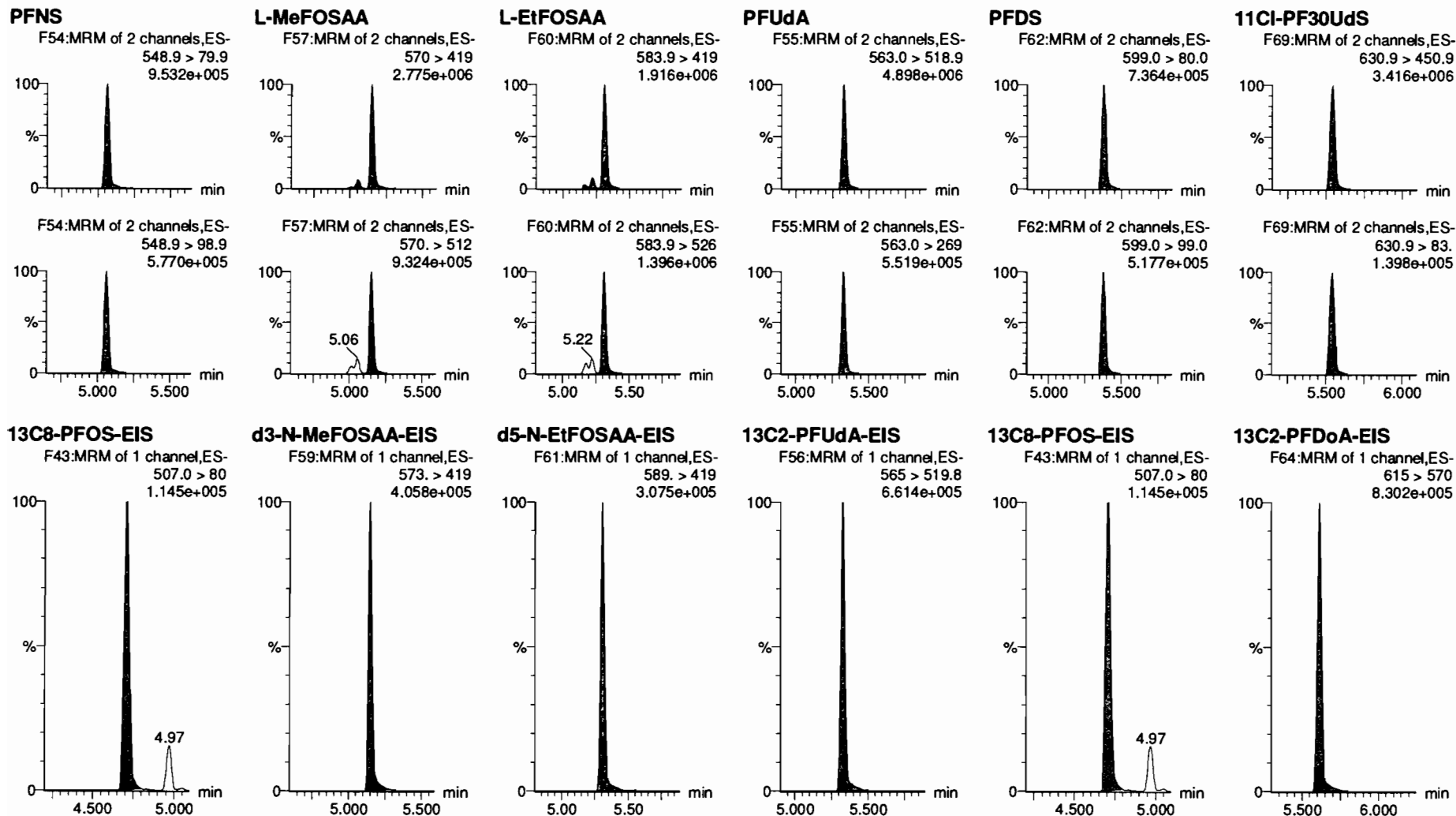


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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_10, Date: 14-Jul-2020, Time: 16:43:33, ID: ST200714M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

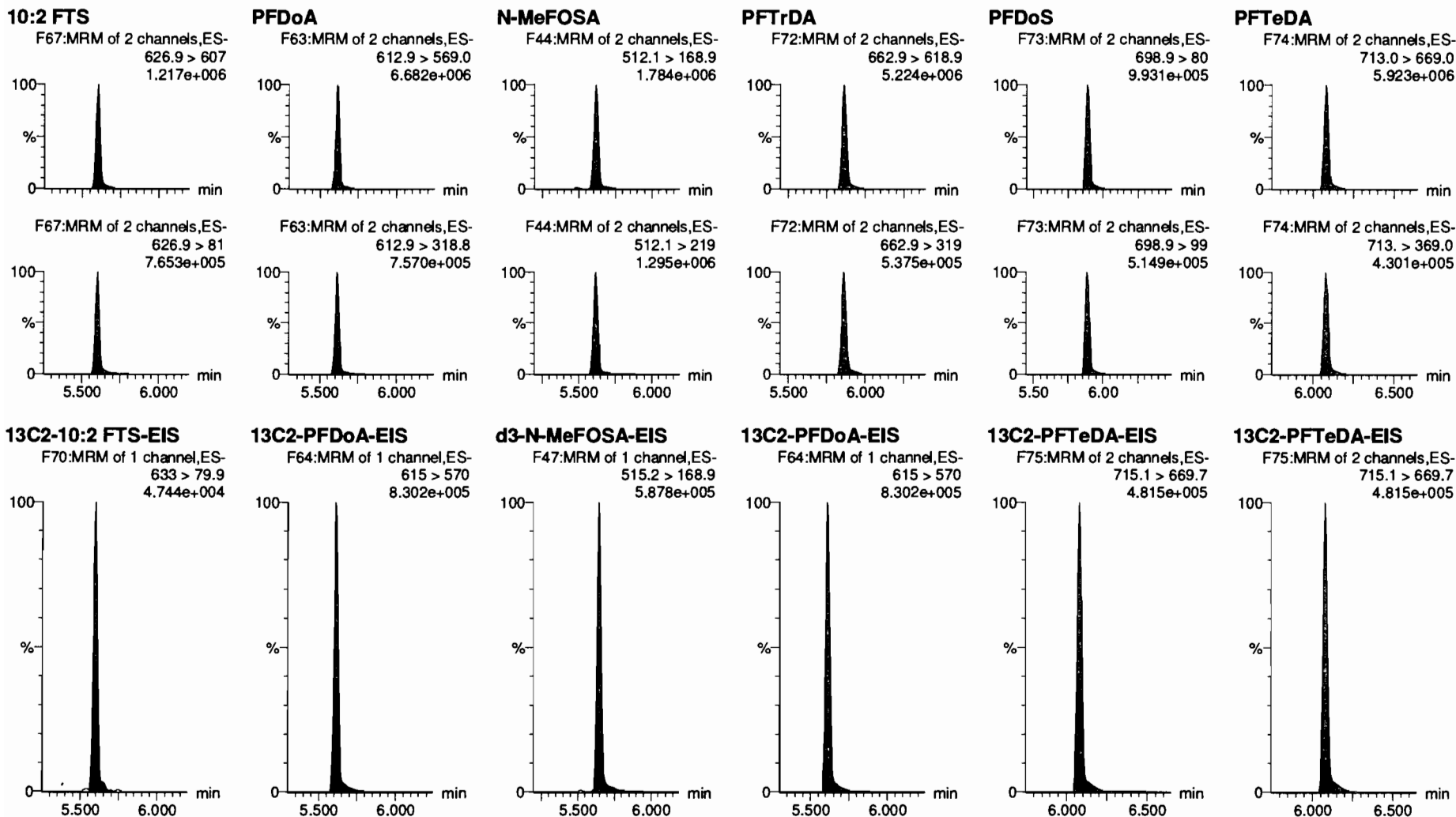


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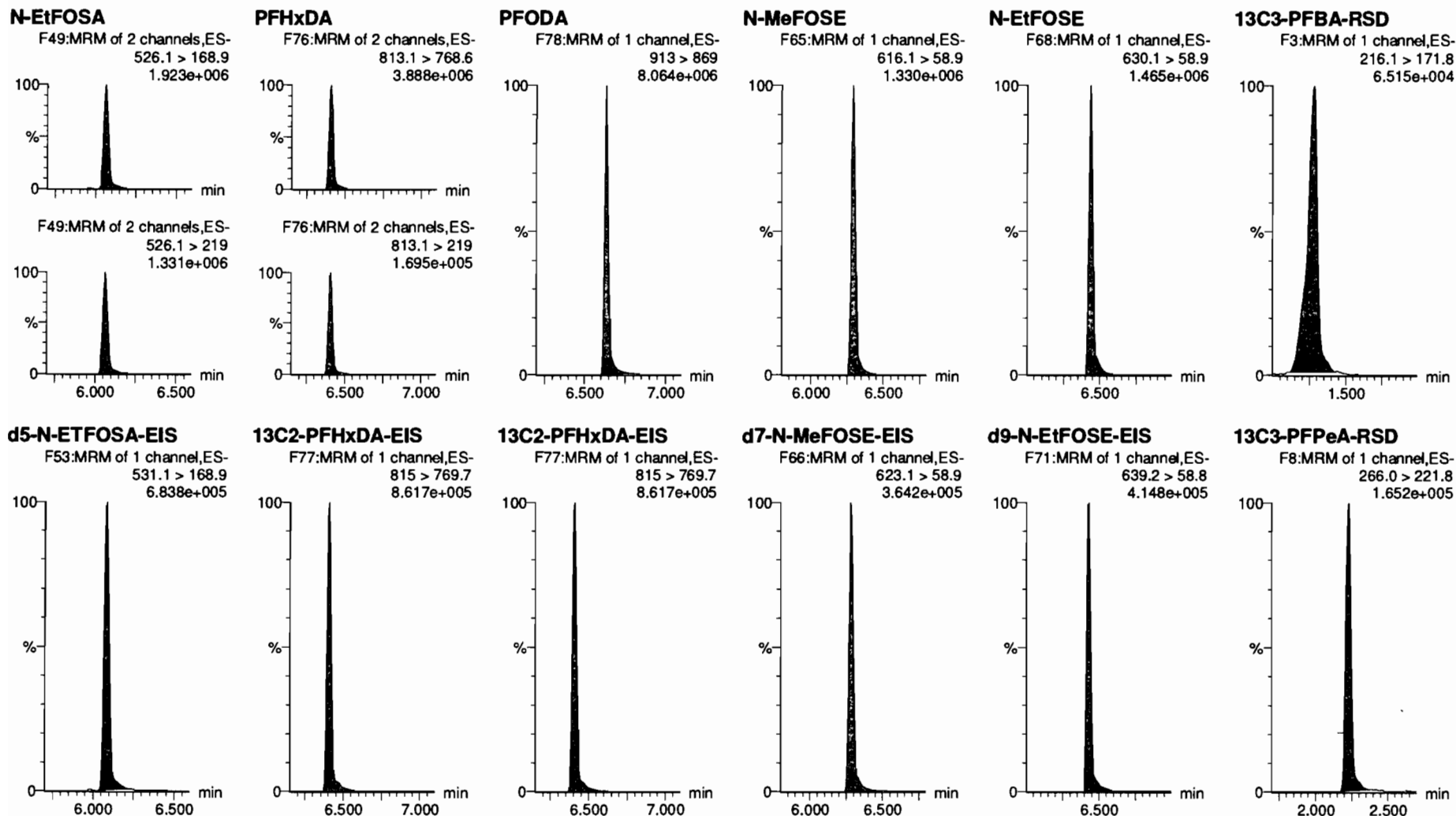


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Name: 200714M1_10, Date: 14-Jul-2020, Time: 16:43:33, ID: ST200714M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

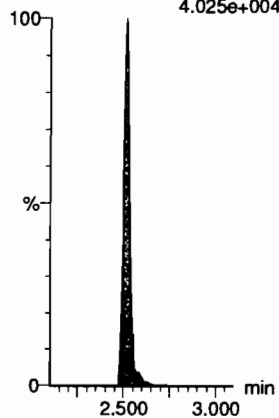
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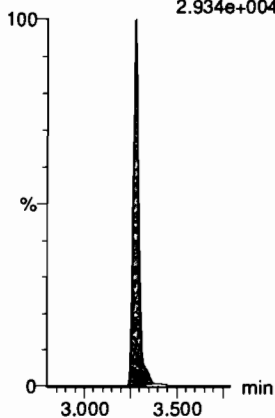
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
4.025e+004



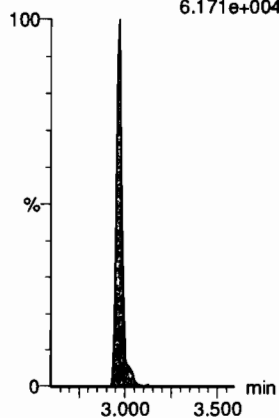
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
2.934e+004



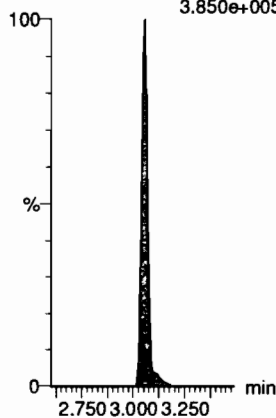
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.171e+004



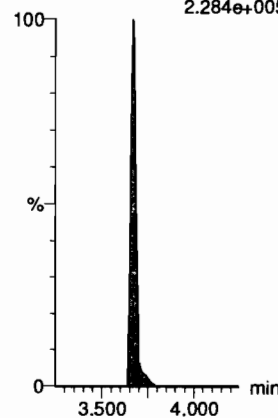
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.850e+005



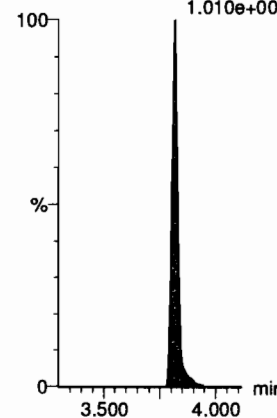
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.284e+005



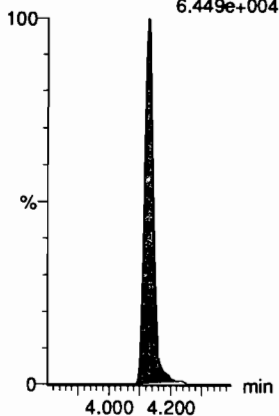
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.010e+005



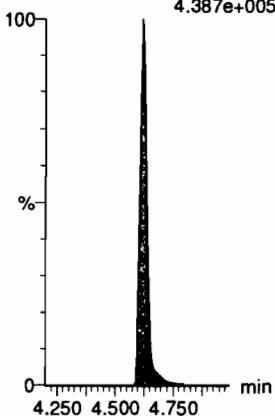
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
6.449e+004



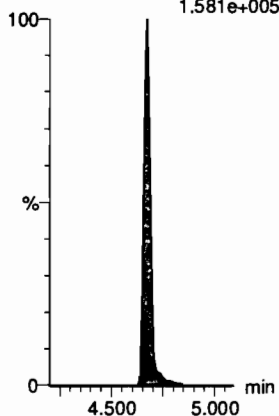
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.387e+005



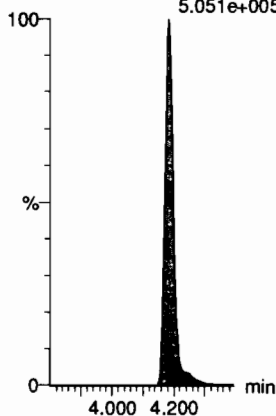
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.581e+005



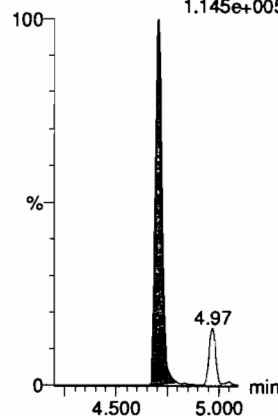
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.051e+005



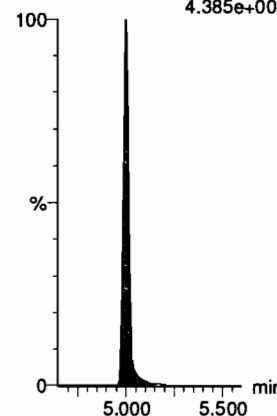
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.145e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.385e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

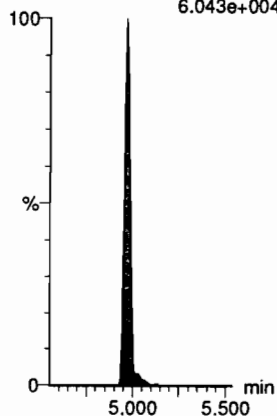
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Name: 200714M1_10, Date: 14-Jul-2020, Time: 16:43:33, ID: ST200714M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

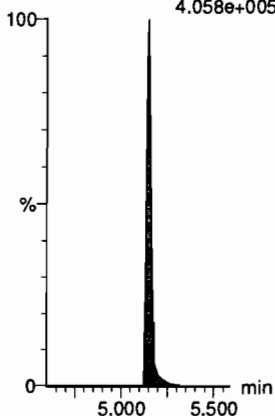
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.043e+004



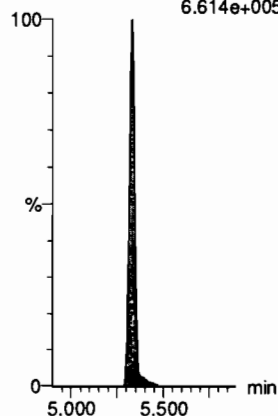
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.058e+005



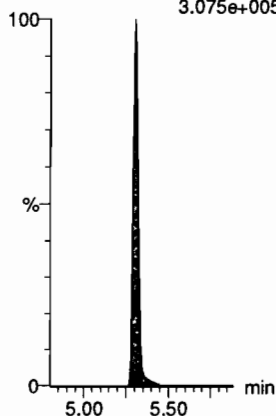
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.614e+005



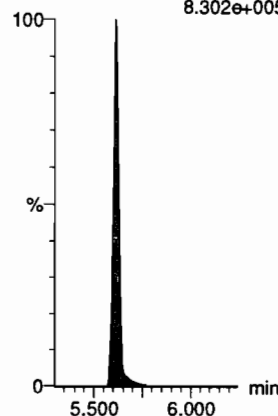
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.075e+005



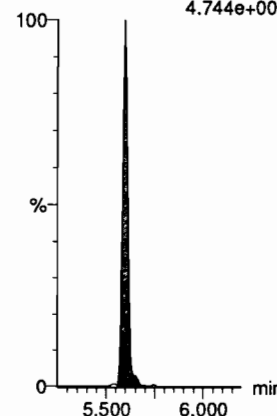
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
8.302e+005



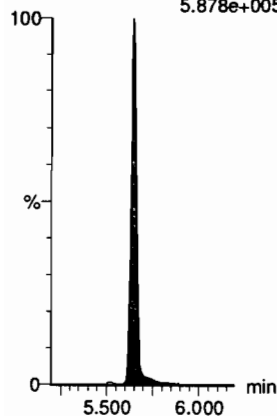
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.744e+004



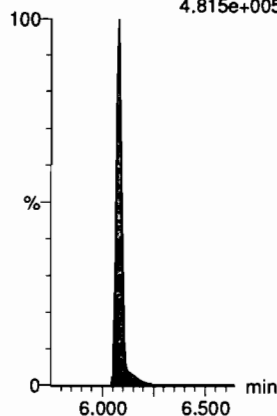
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.878e+005



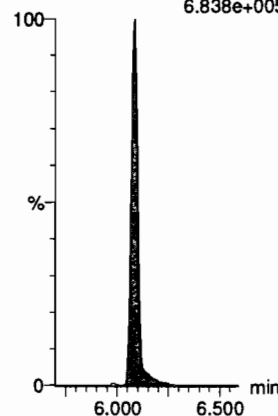
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.815e+005



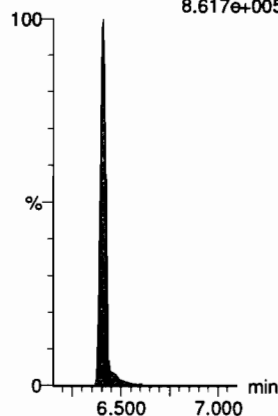
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.838e+005



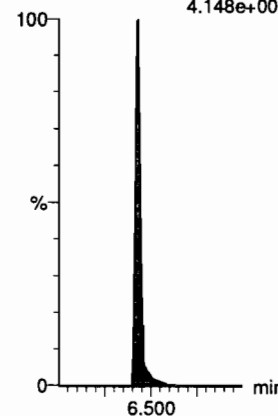
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.617e+005



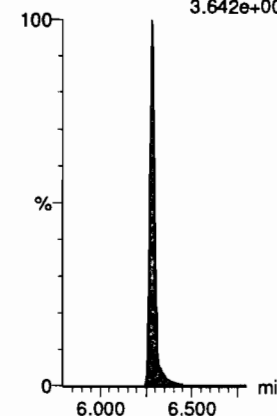
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.148e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.642e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

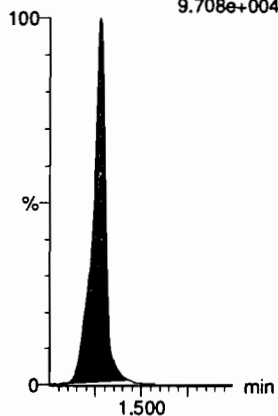
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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_10, Date: 14-Jul-2020, Time: 16:43:33, ID: ST200714M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

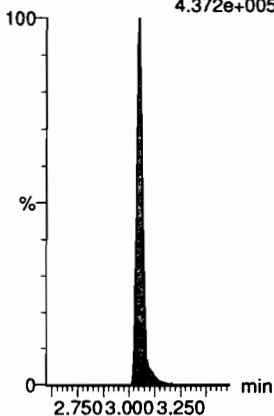
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
9.708e+004



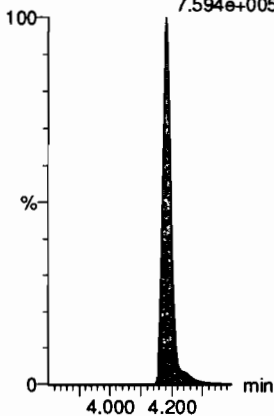
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.372e+005



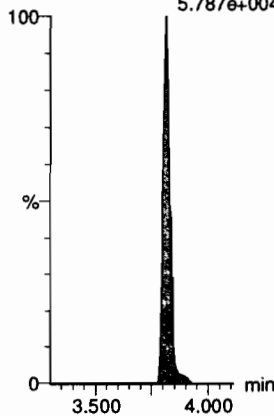
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.594e+005



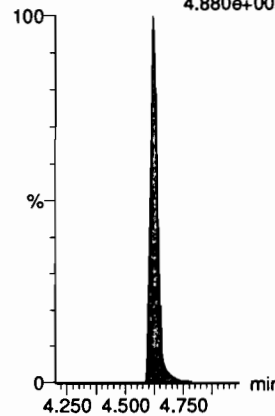
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
5.787e+004



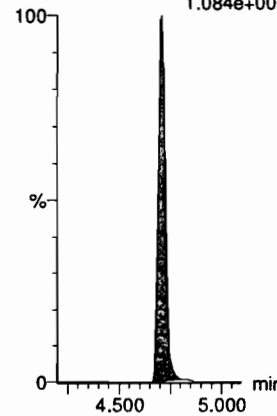
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
4.880e+005



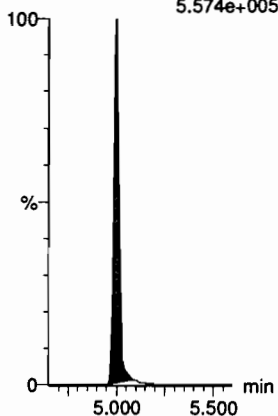
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.084e+005



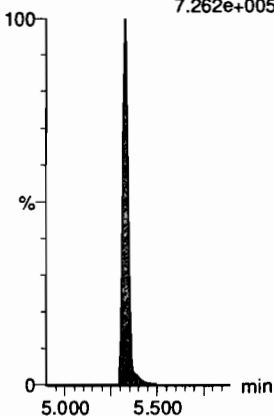
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.574e+005



13C7-PFUdA

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.262e+005

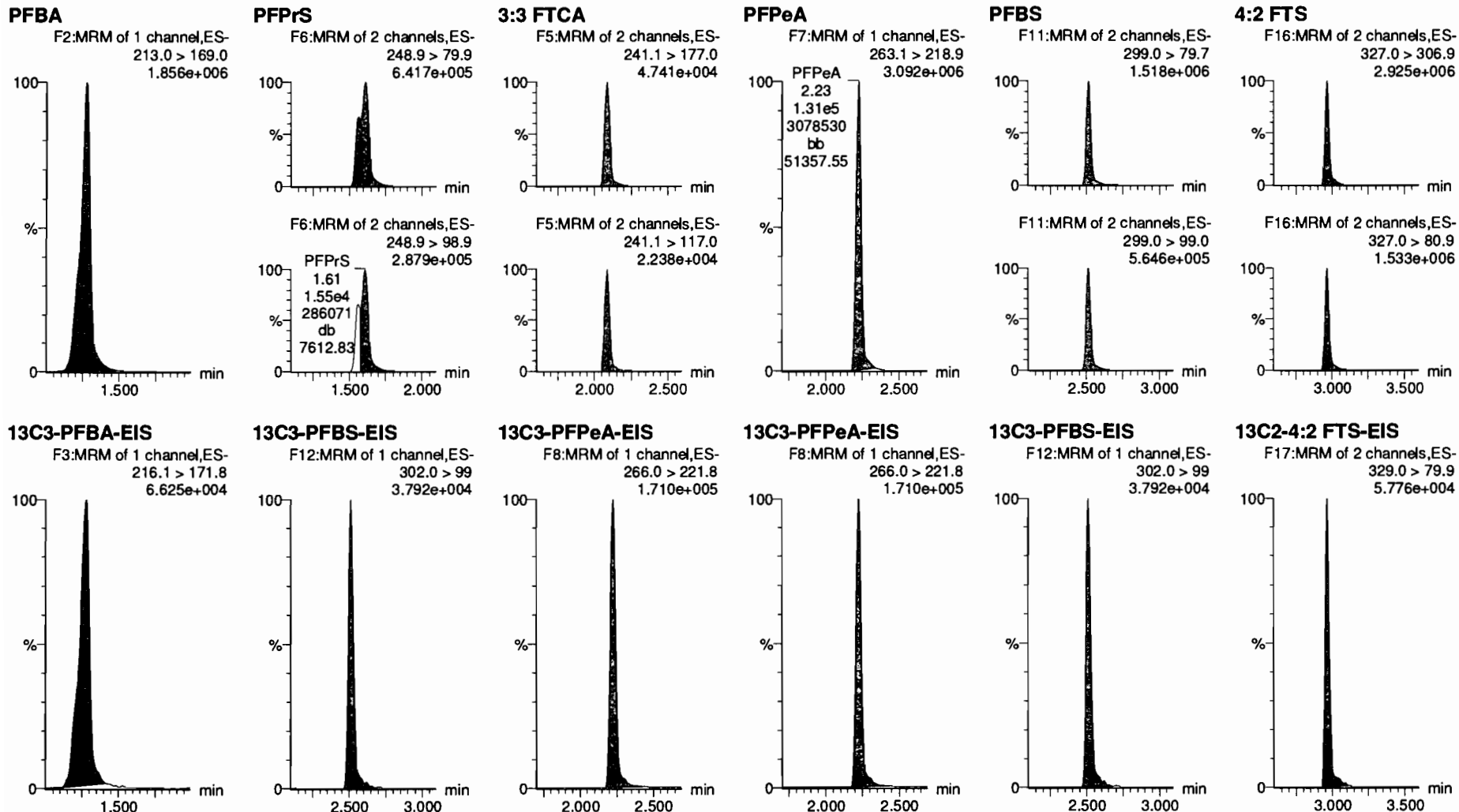


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Name: 200714M1_11, Date: 14-Jul-2020, Time: 16:53:57, ID: ST200714M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

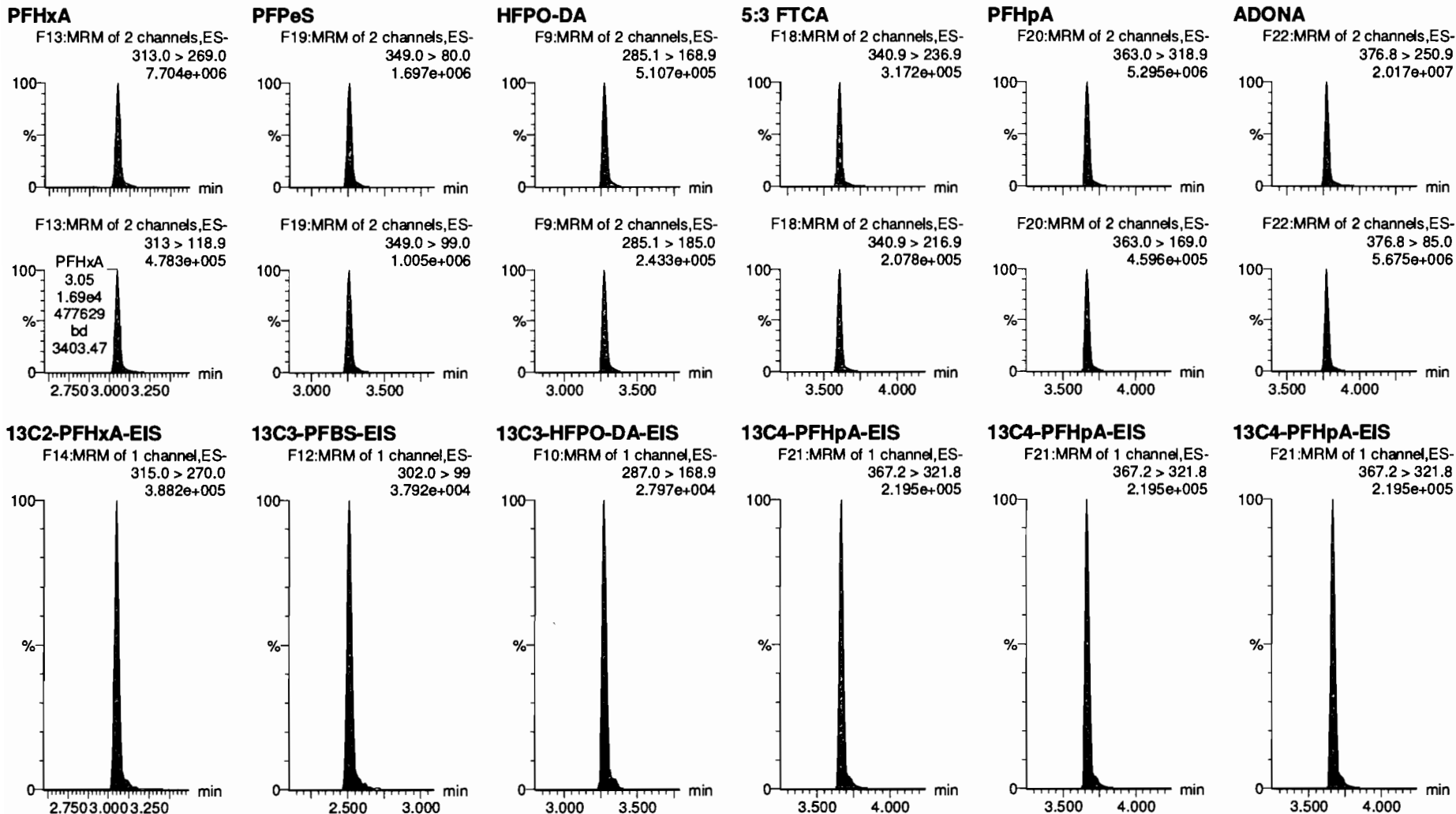


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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

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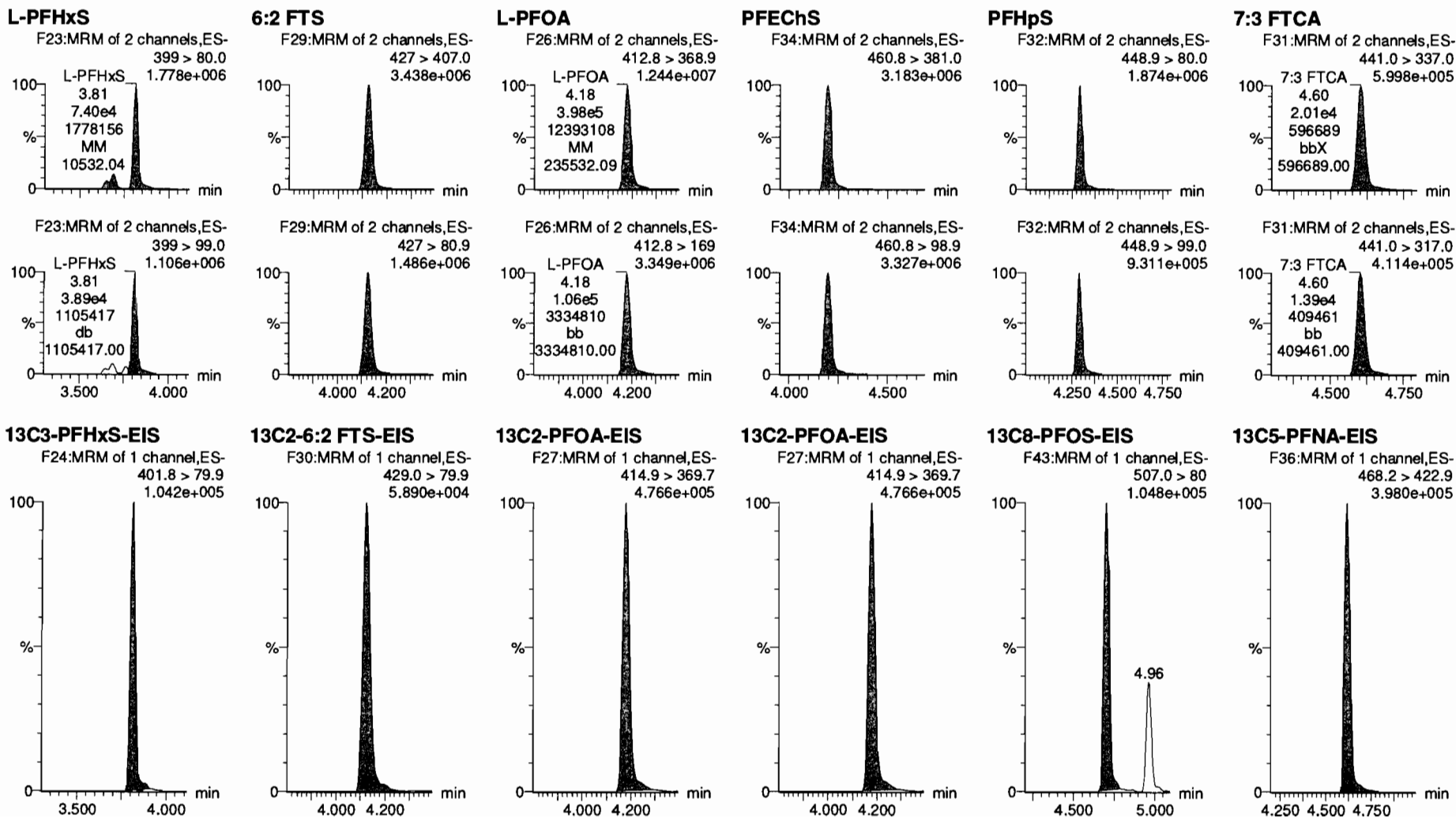


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Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_11, Date: 14-Jul-2020, Time: 16:53:57, ID: ST200714M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909



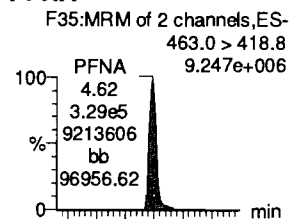
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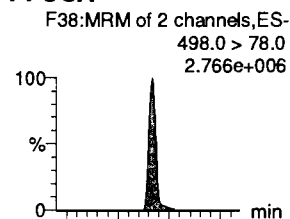
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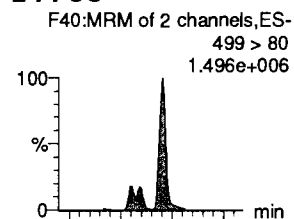
PFNA



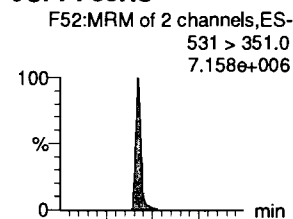
PFOSA



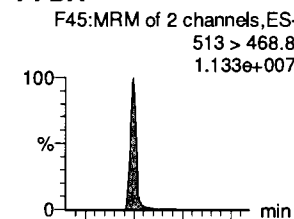
L-PFOS



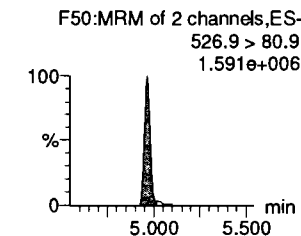
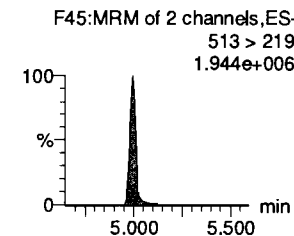
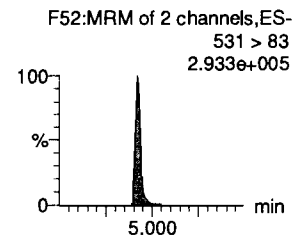
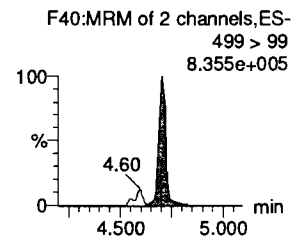
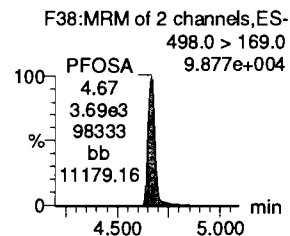
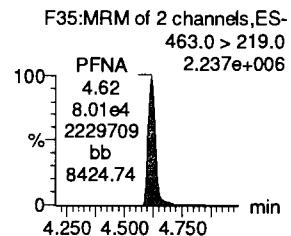
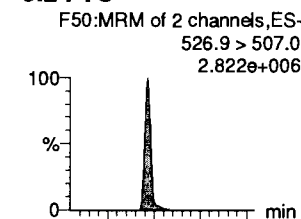
9CI-PF30NS



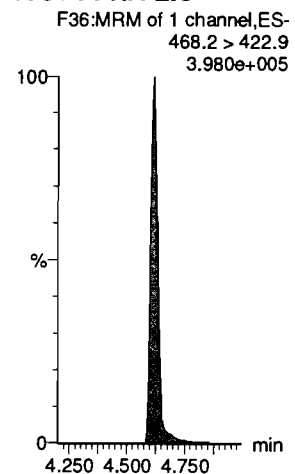
PFDA



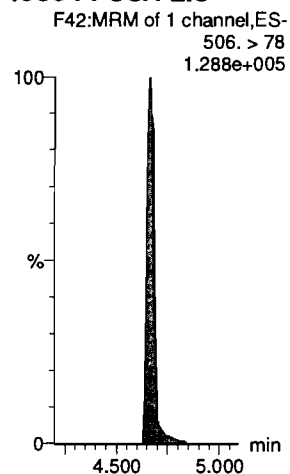
8:2 FTS



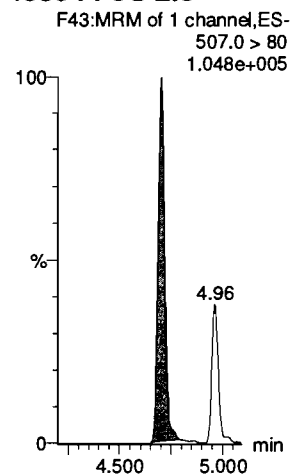
13C5-PFNA-EIS



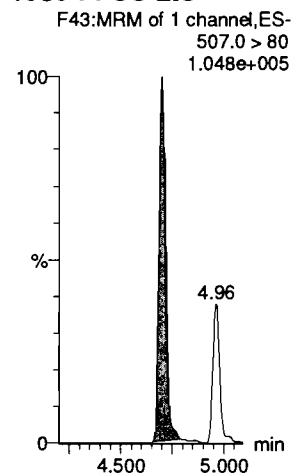
13C8-PFOSA-EIS



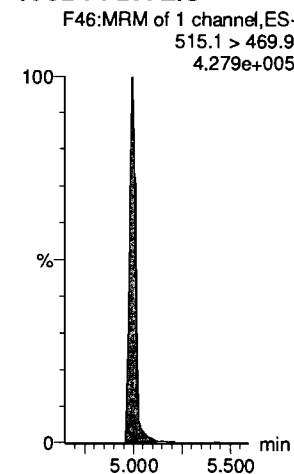
13C8-PFOS-EIS



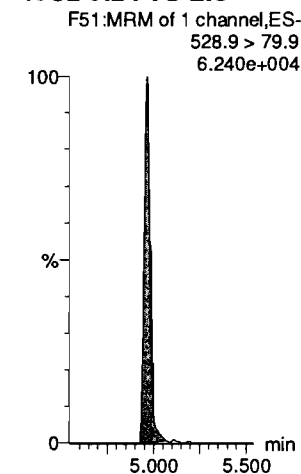
13C8-PFOS-EIS



13C2-PFDA-EIS



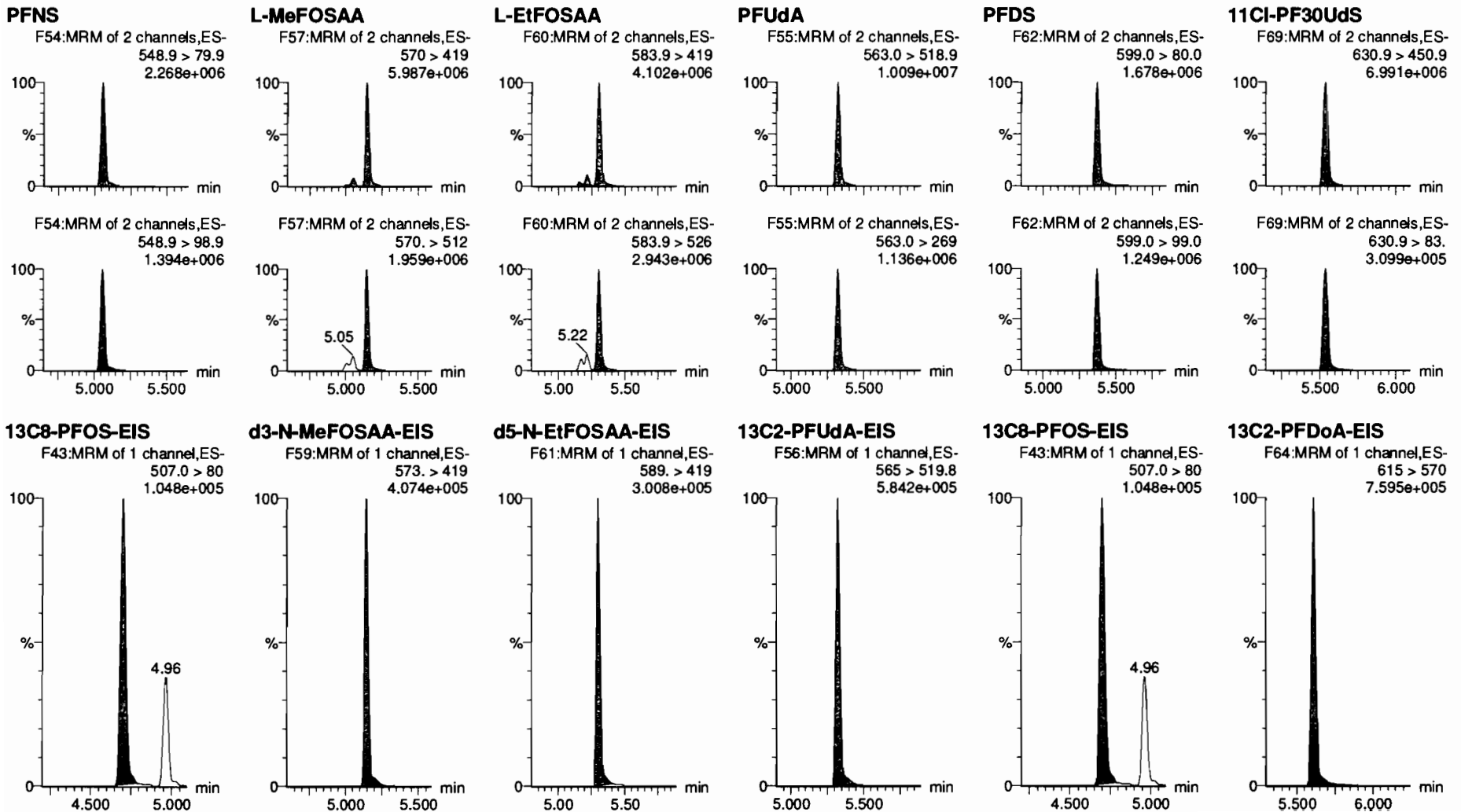
13C2-8:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time
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Name: 200714M1_11, Date: 14-Jul-2020, Time: 16:53:57, ID: ST200714M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

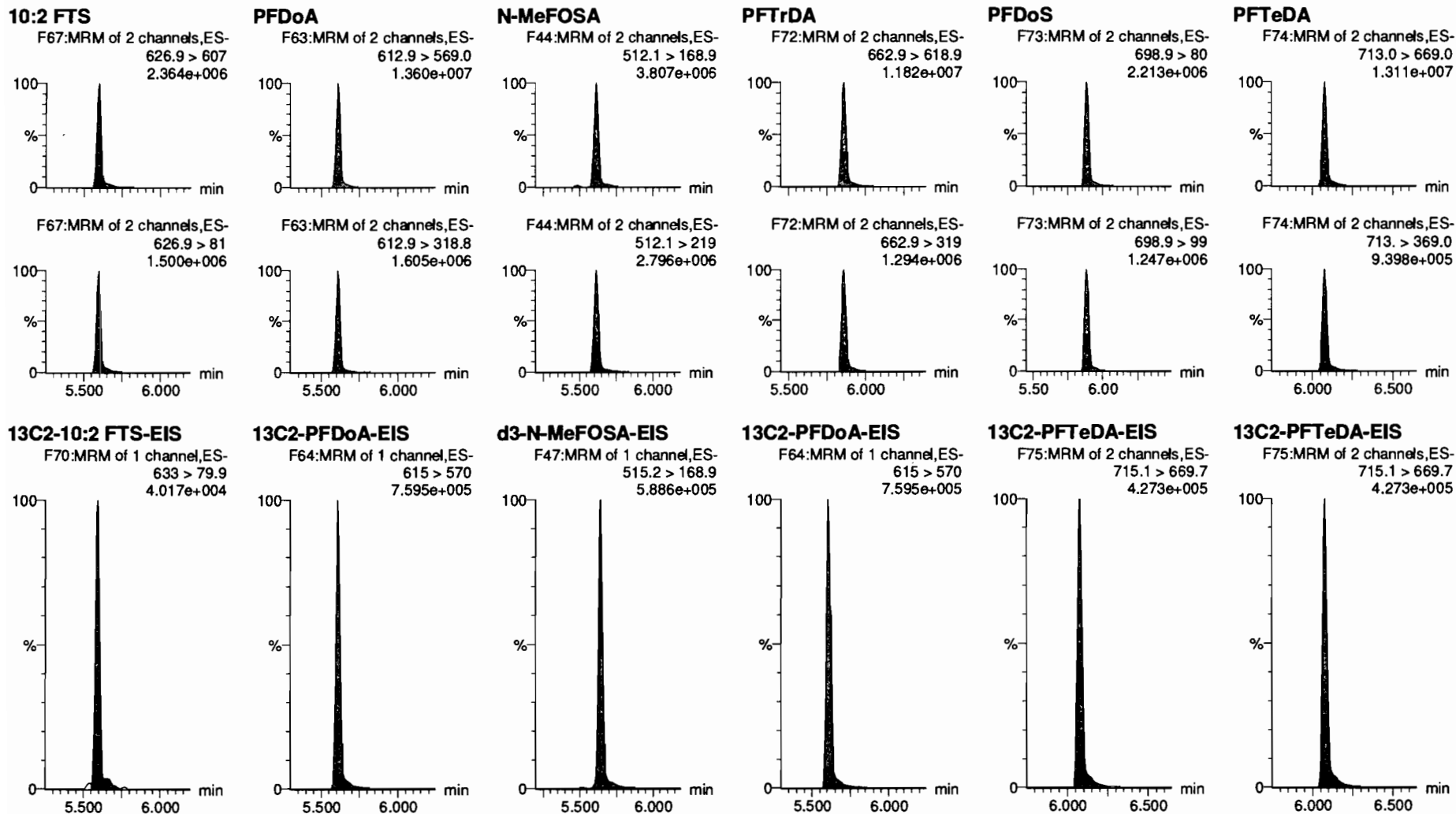


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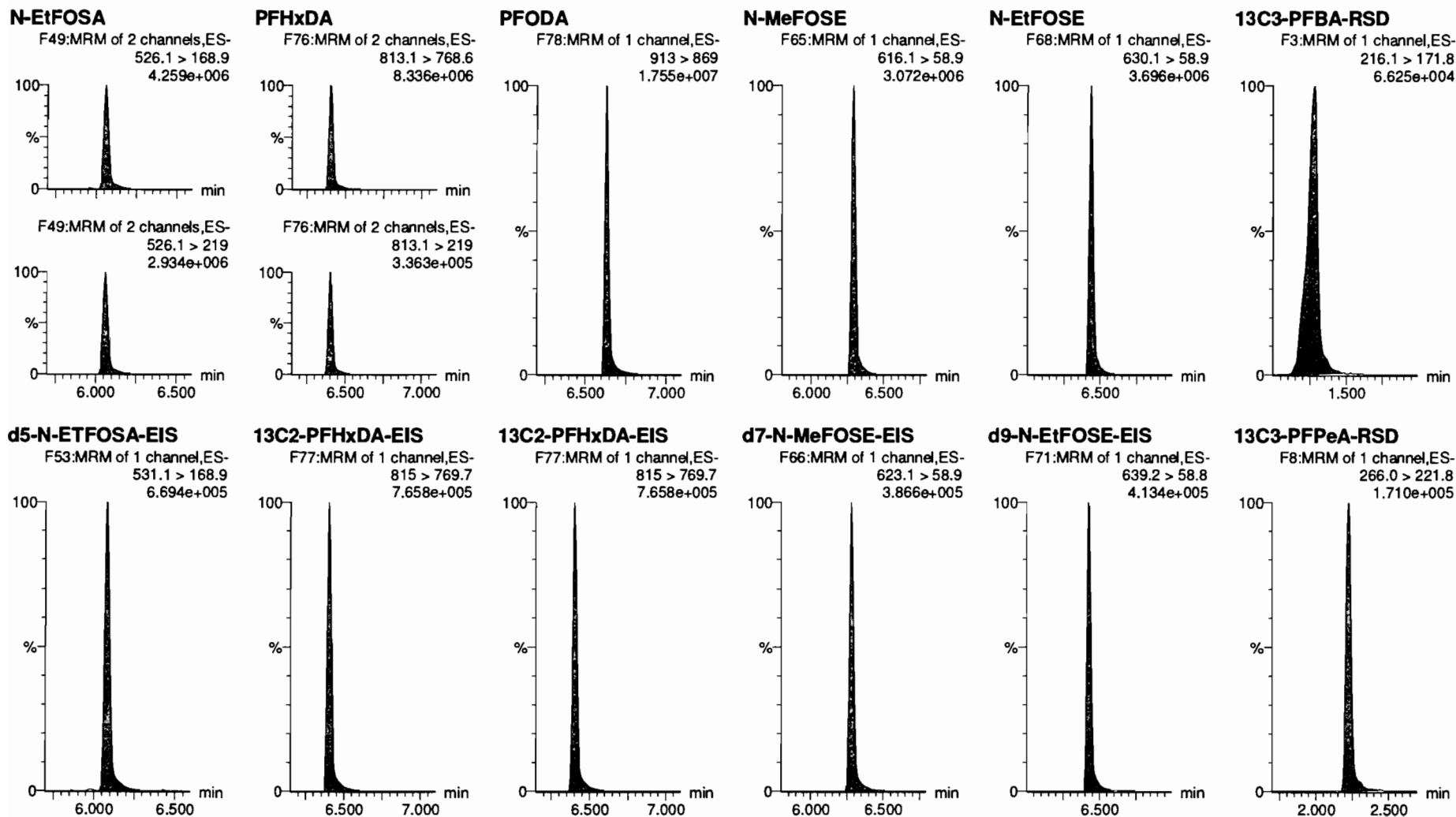


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Name: 200714M1_11, Date: 14-Jul-2020, Time: 16:53:57, ID: ST200714M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

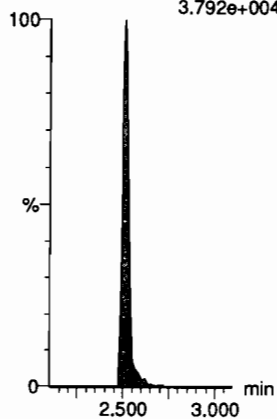
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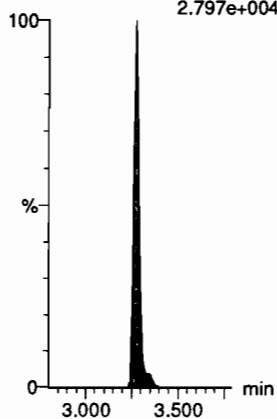
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.792e+004



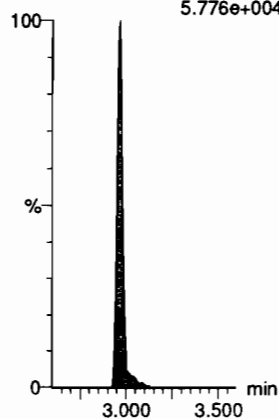
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
2.797e+004



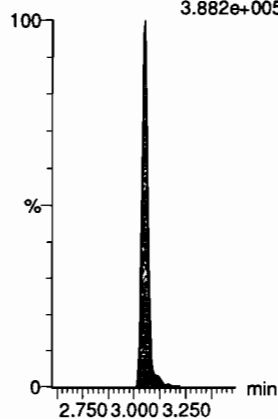
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
5.776e+004



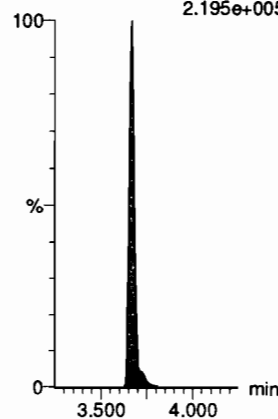
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.882e+005



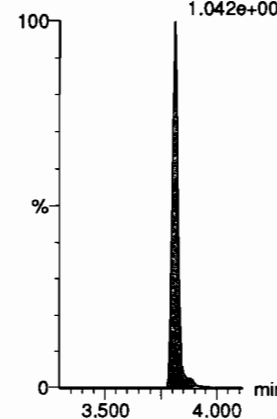
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.195e+005



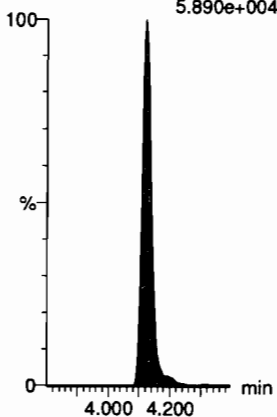
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.042e+005



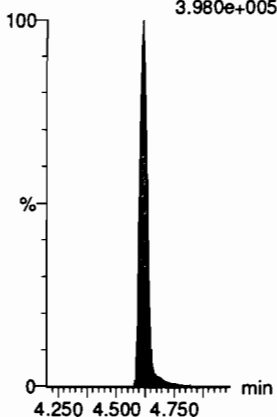
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
5.890e+004



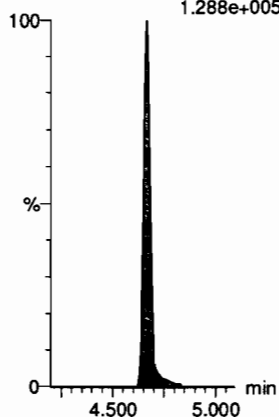
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
3.980e+005



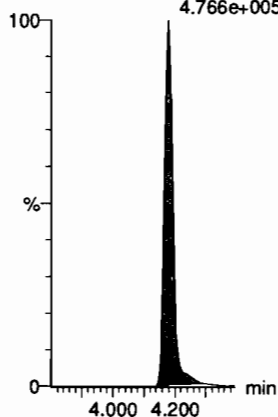
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.288e+005



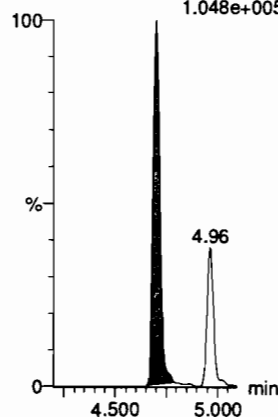
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
4.766e+005



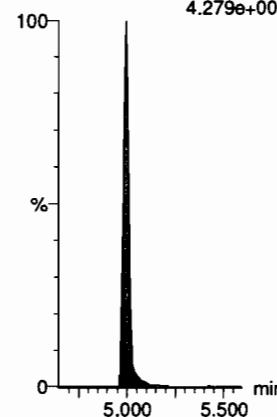
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.048e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.279e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

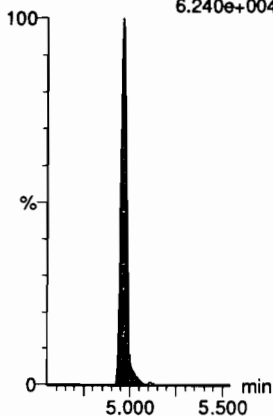
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Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_11, Date: 14-Jul-2020, Time: 16:53:57, ID: ST200714M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

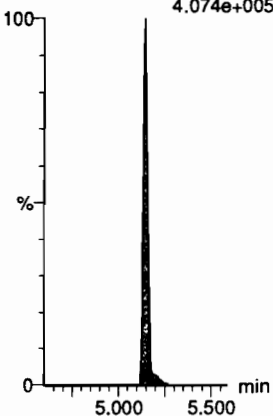
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.240e+004



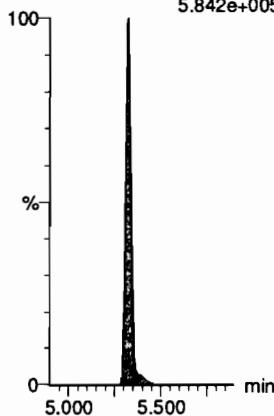
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.074e+005



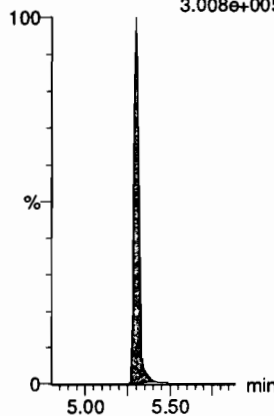
13C2-PFUdA-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
5.842e+005



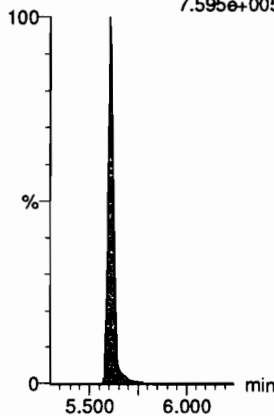
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.008e+005



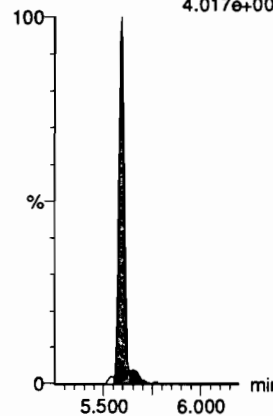
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
7.595e+005



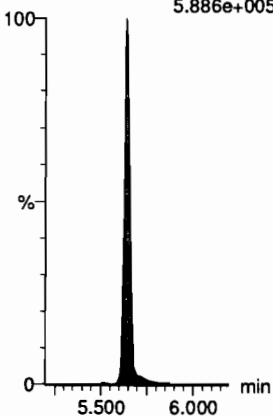
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.017e+004



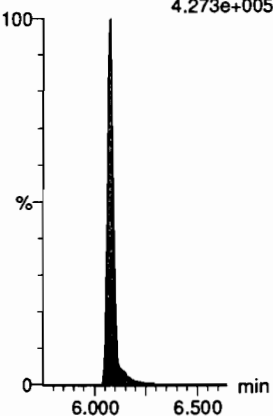
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.886e+005



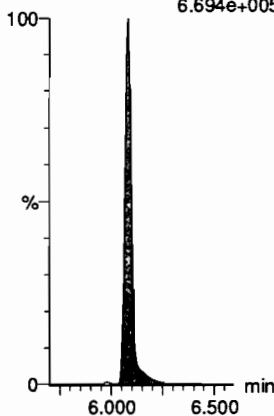
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.273e+005



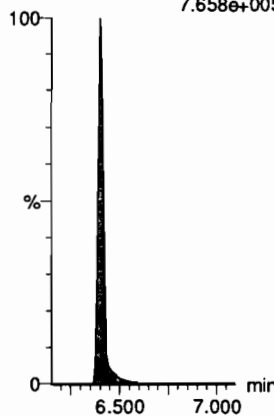
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.694e+005



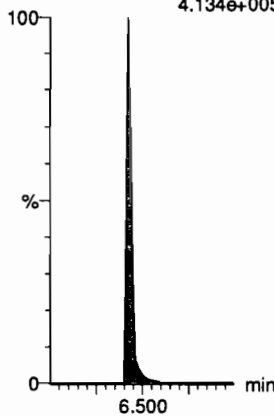
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.658e+005



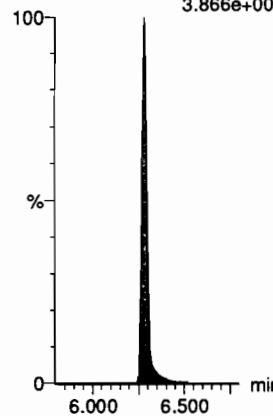
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.134e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.866e+005



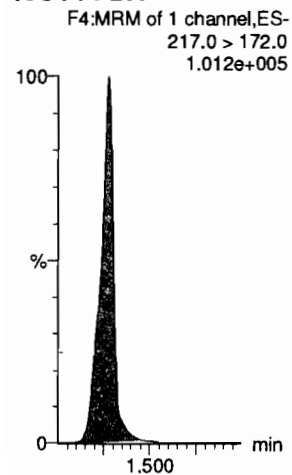
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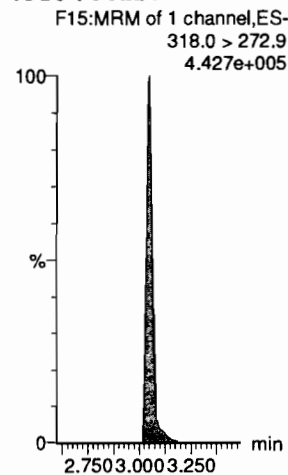
Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_11, Date: 14-Jul-2020, Time: 16:53:57, ID: ST200714M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

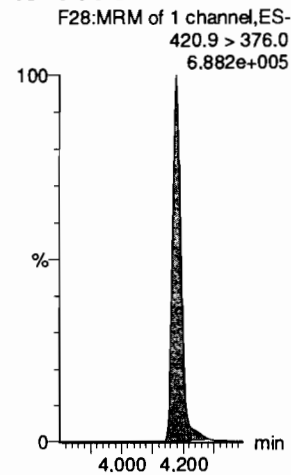
13C4-PFBA



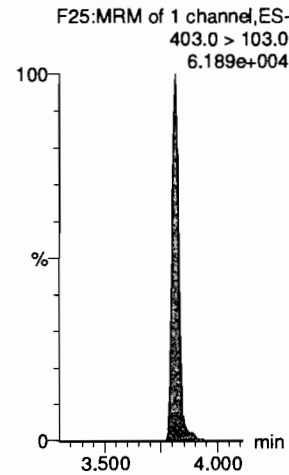
13C5-PFHxA



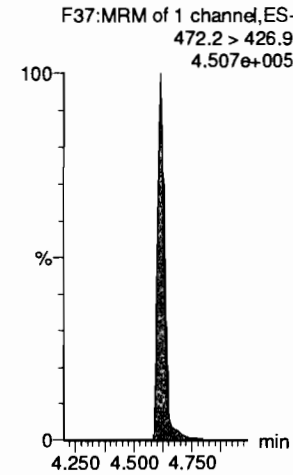
13C8-PFOA



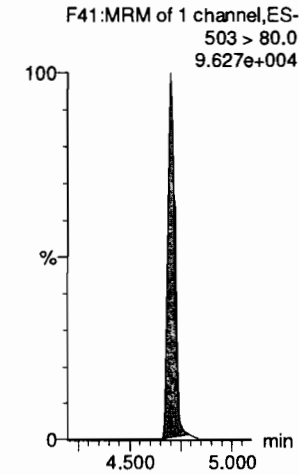
18O2-PFHxS



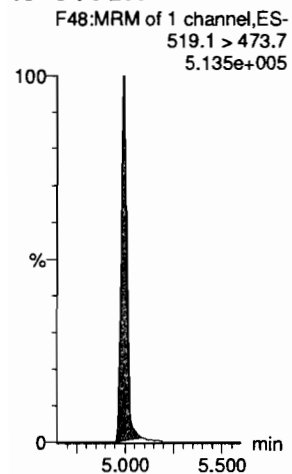
13C9-PFNA



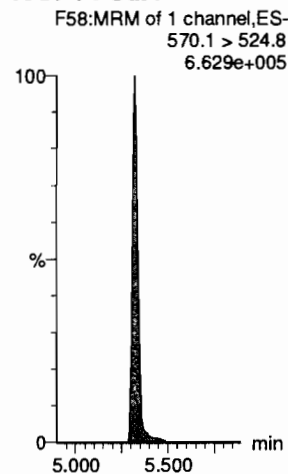
13C4-PFOS



13C6-PFDA



13C7-PFUDa

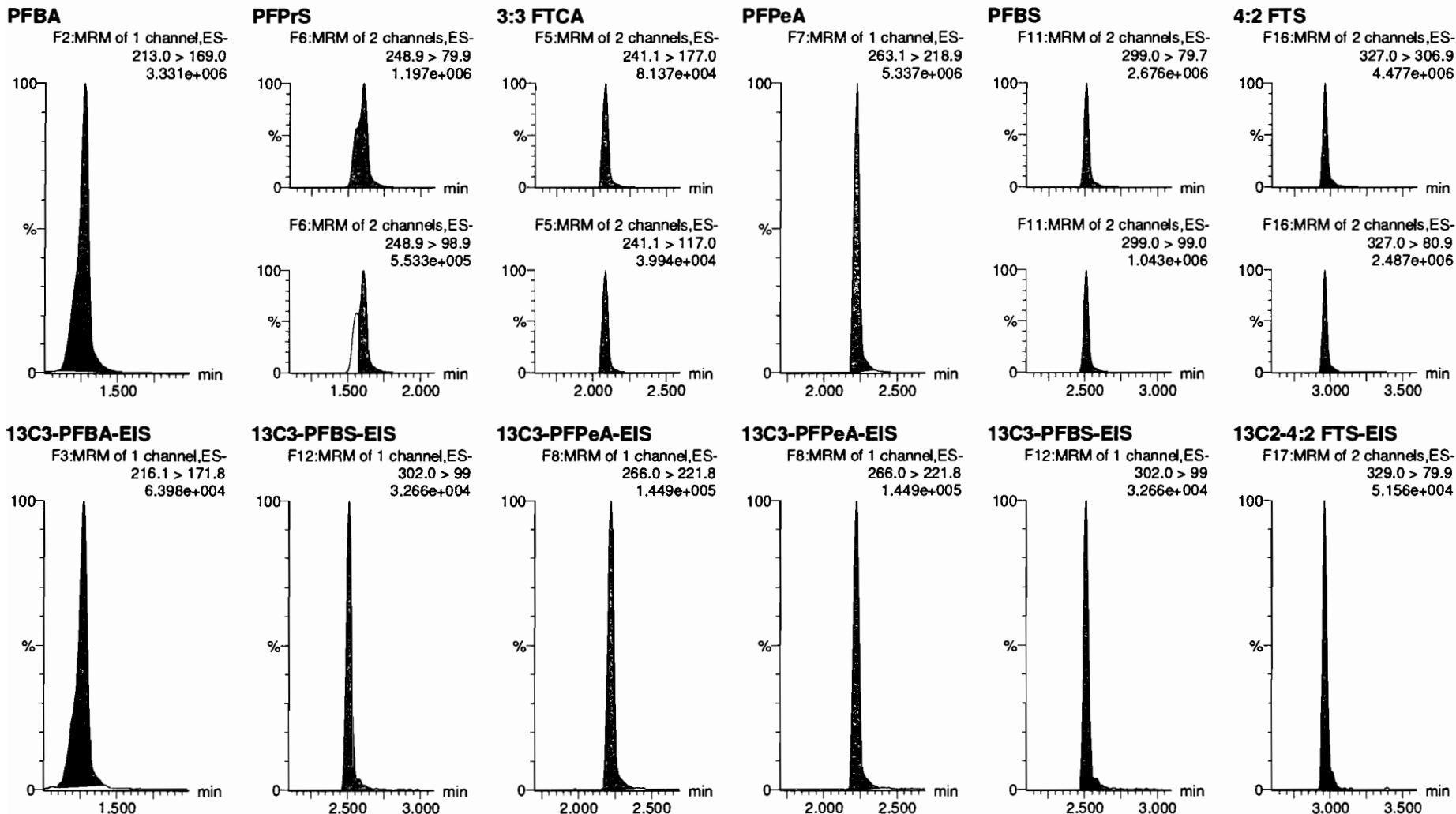


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Name: 200714M1_12, Date: 14-Jul-2020, Time: 17:04:19, ID: ST200714M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

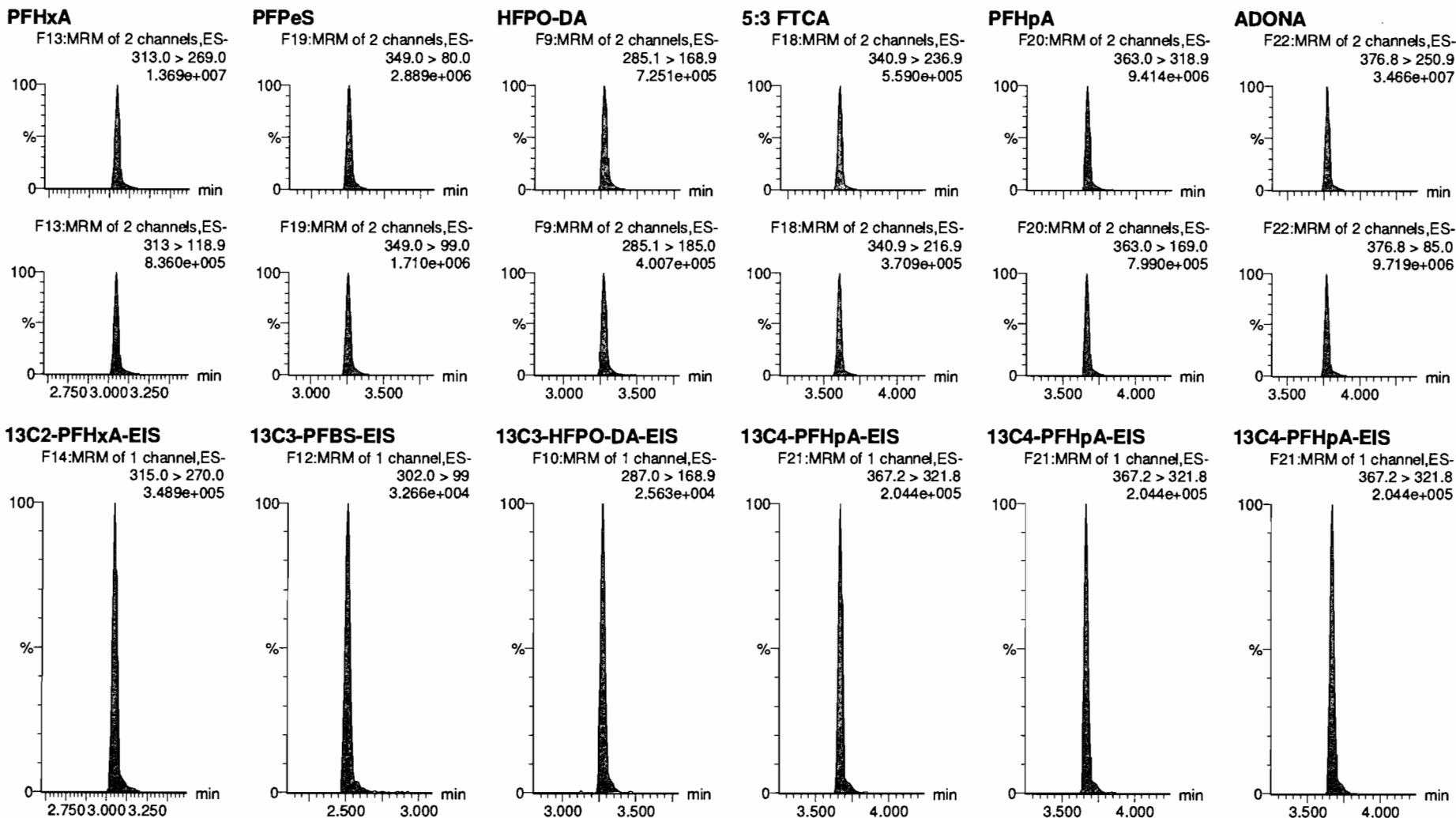


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Name: 200714M1_12, Date: 14-Jul-2020, Time: 17:04:19, ID: ST200714M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

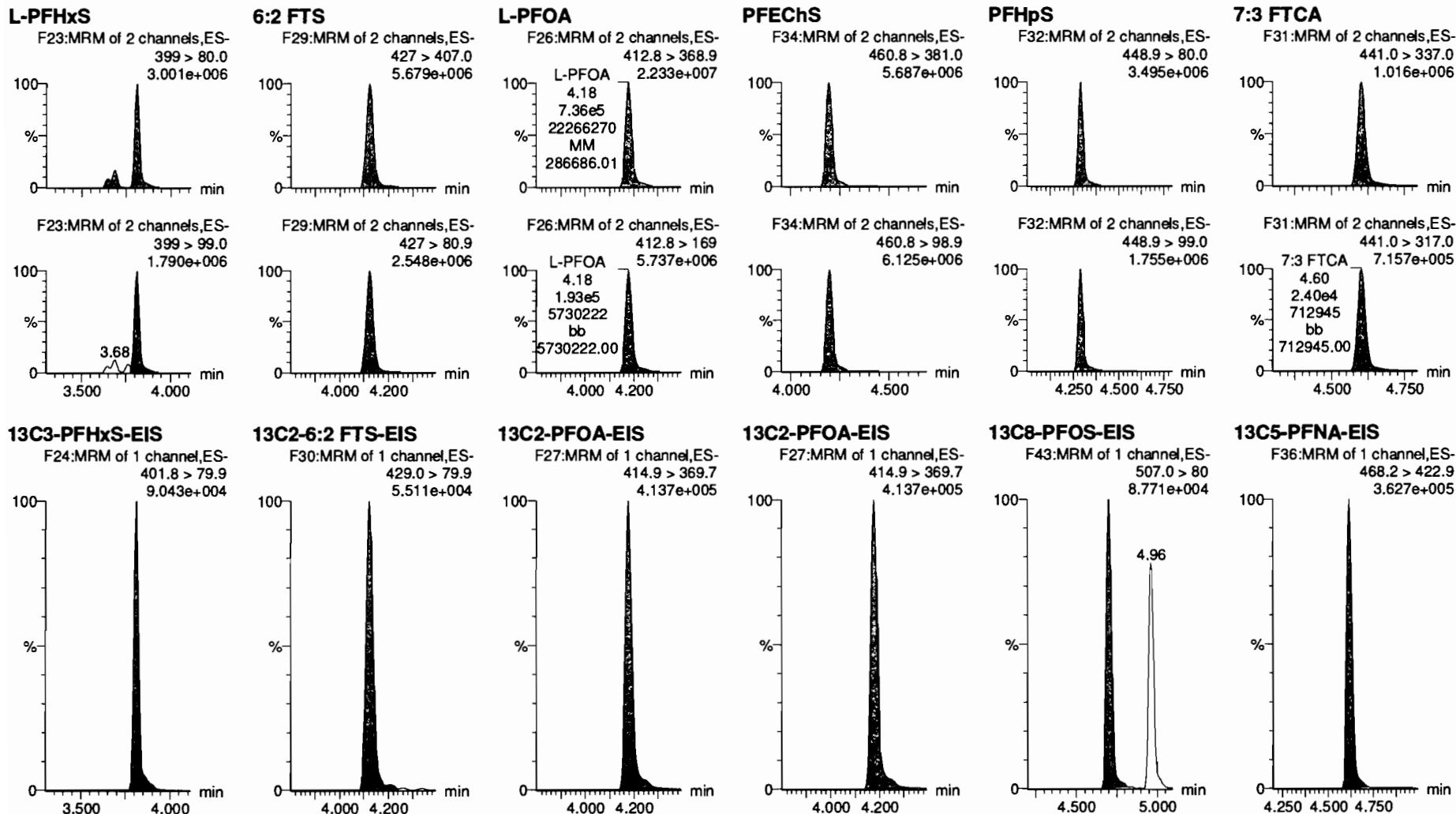


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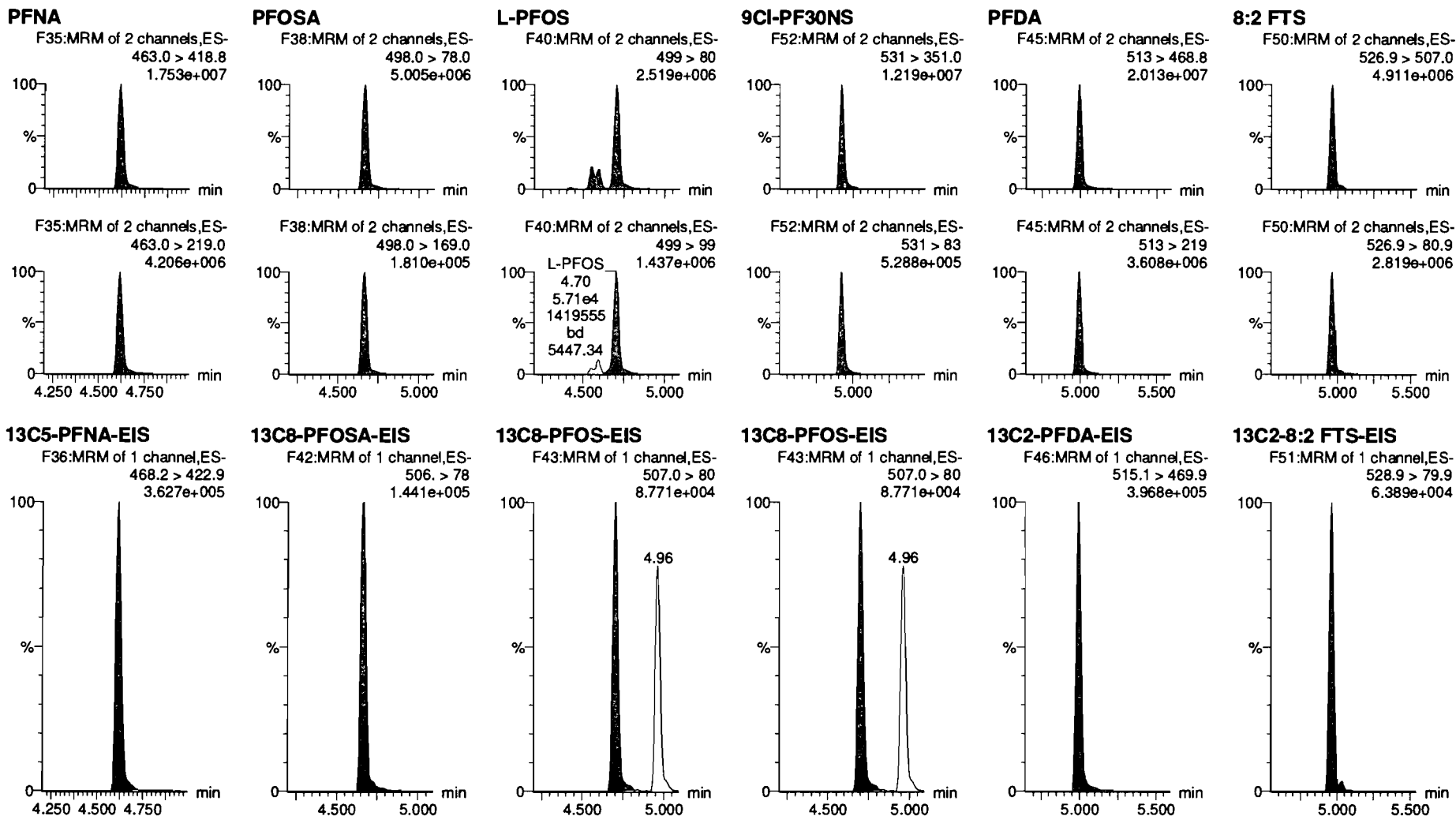


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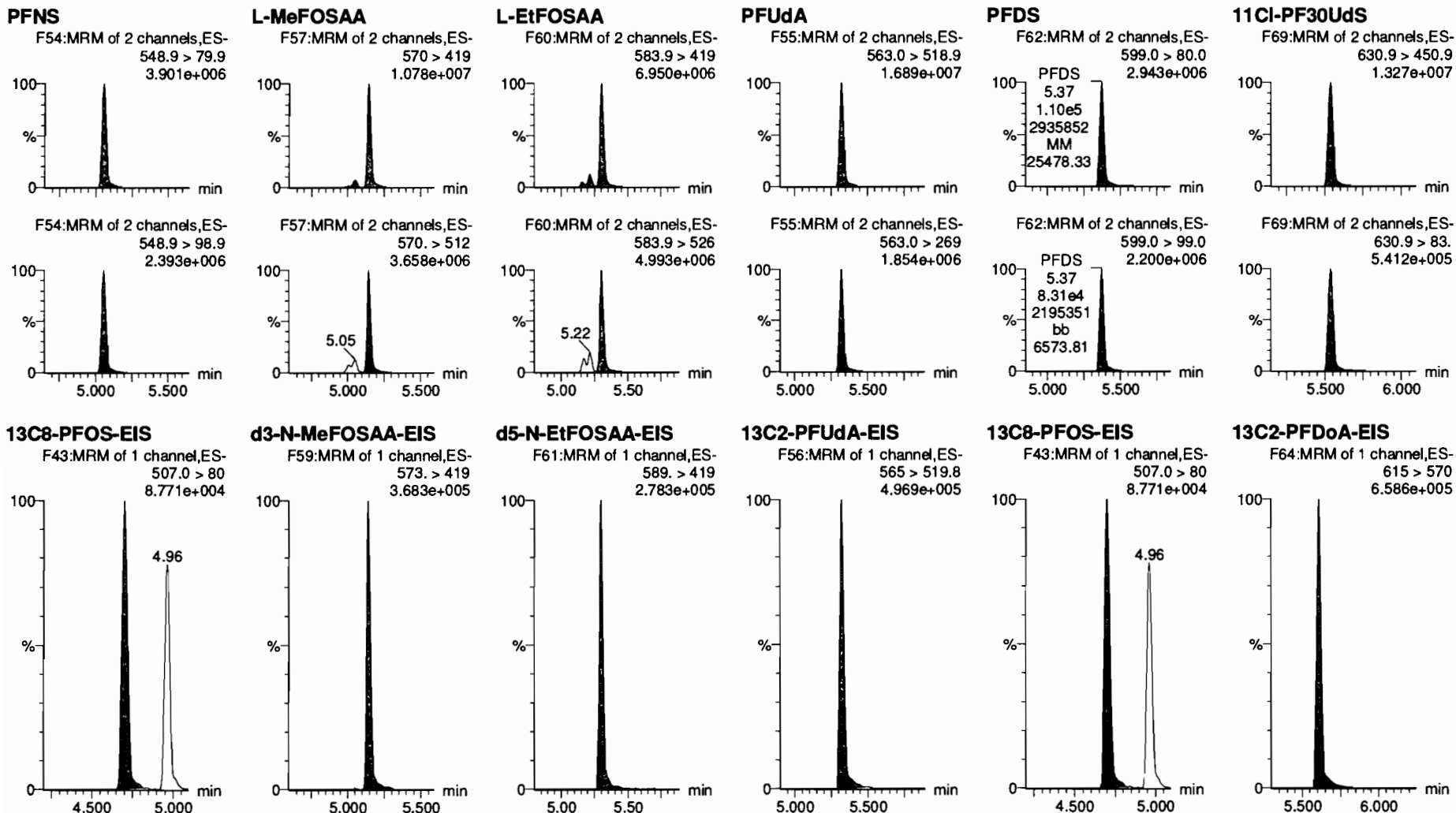


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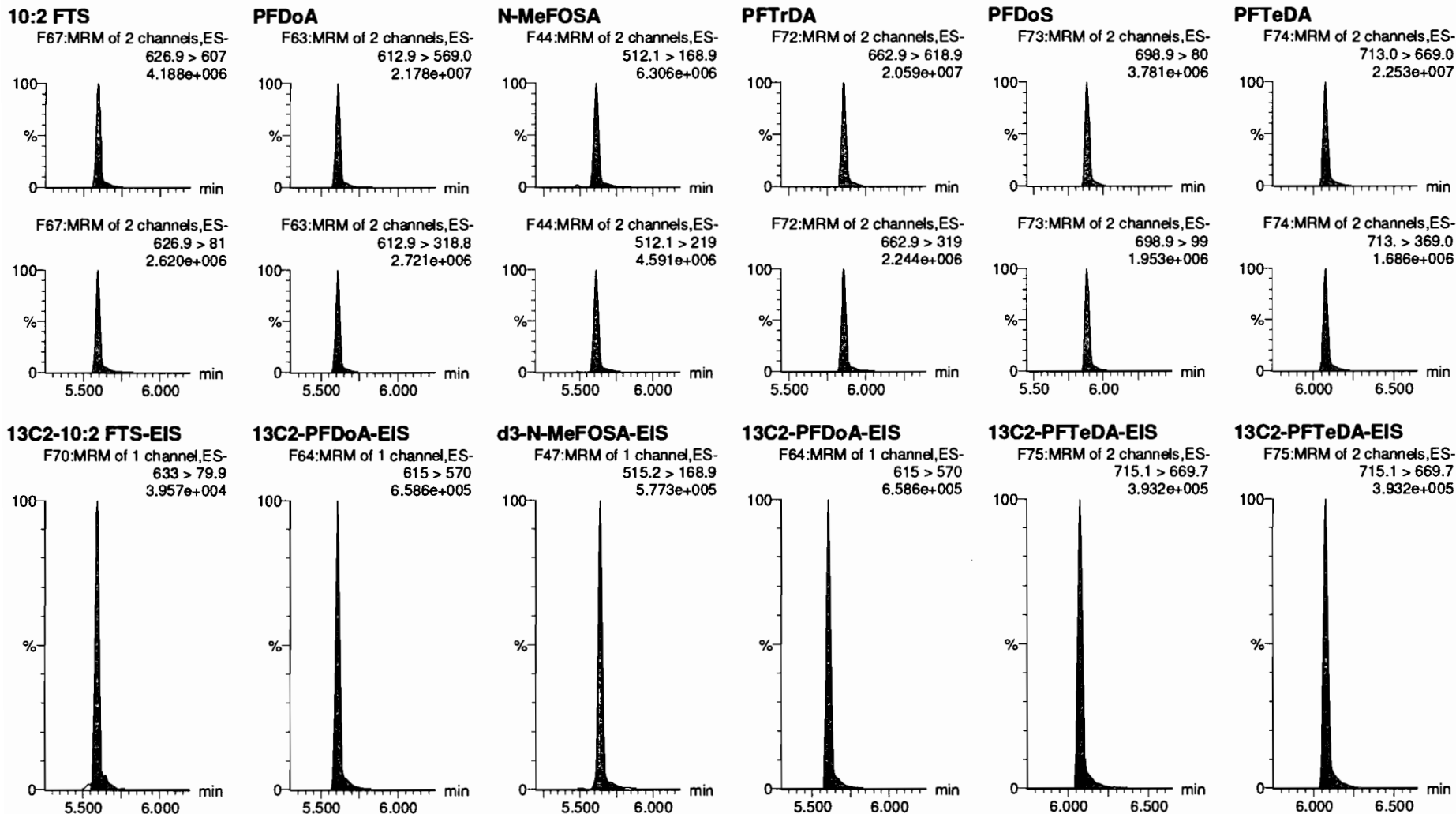


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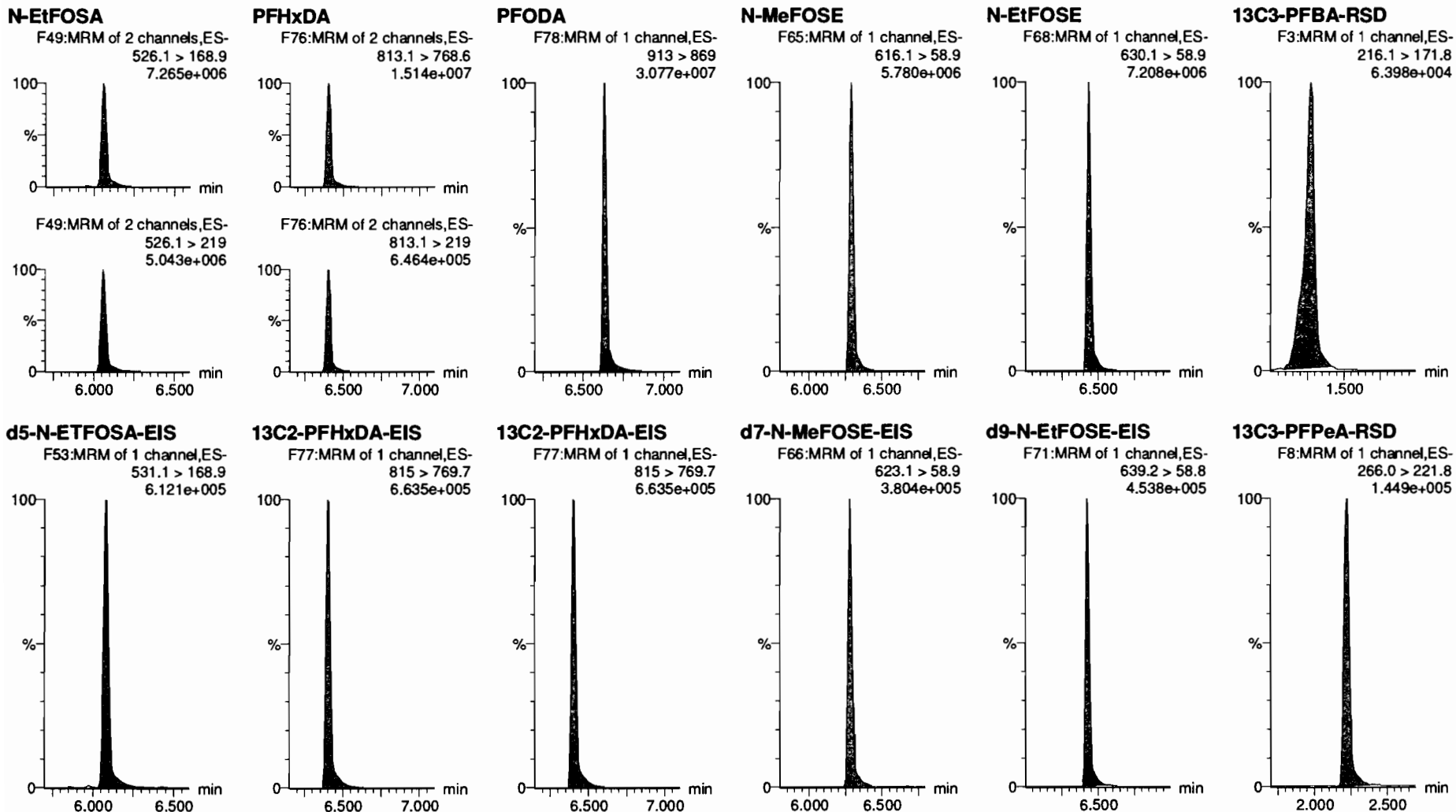


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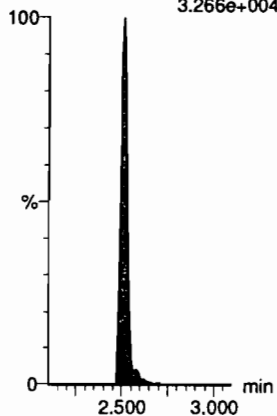
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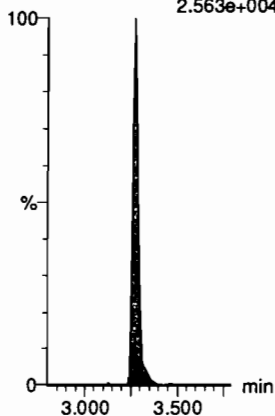
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.266e+004



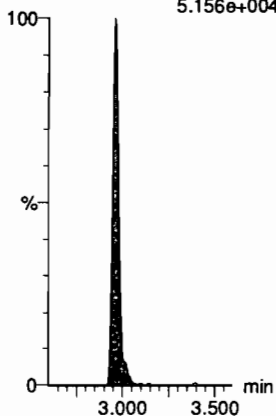
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
2.563e+004



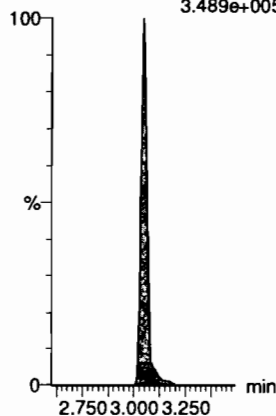
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
5.156e+004



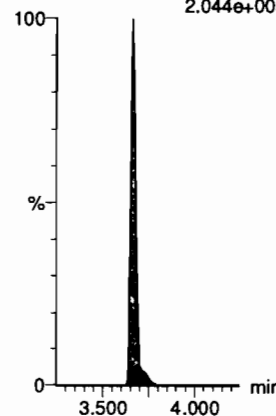
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.489e+005



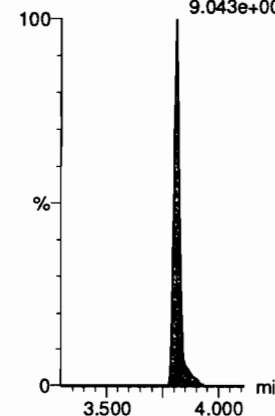
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.044e+005



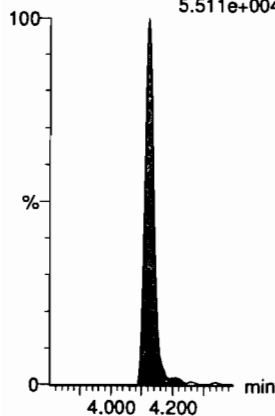
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
9.043e+004



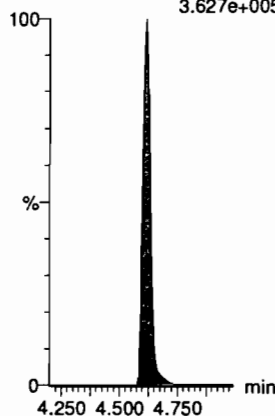
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
5.511e+004



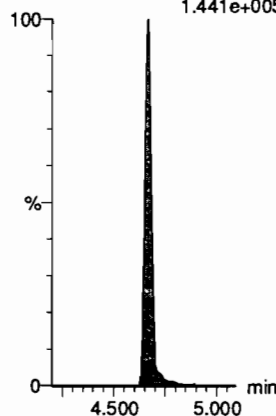
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
3.627e+005



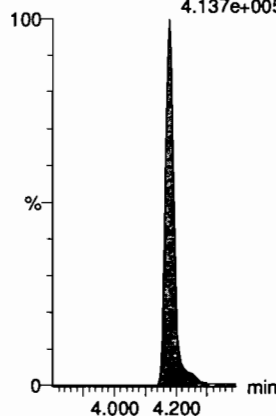
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.441e+005



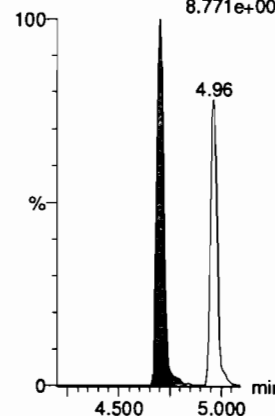
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
4.137e+005



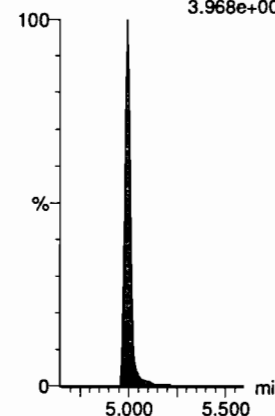
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
8.771e+004



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
3.968e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

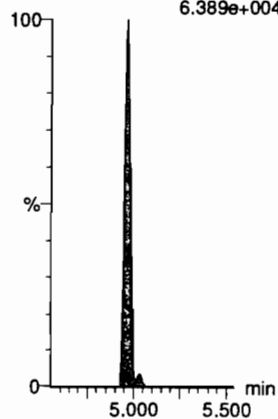
Last Altered: Wednesday, July 15, 2020 09:41:39 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_12, Date: 14-Jul-2020, Time: 17:04:19, ID: ST200714M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

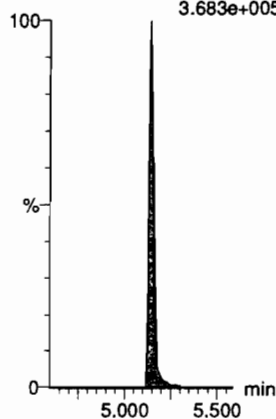
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.389e+004



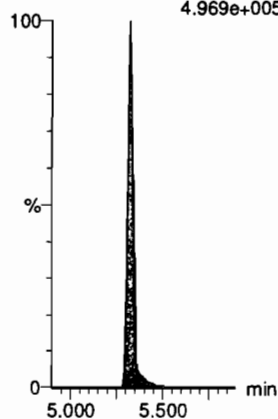
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
3.683e+005



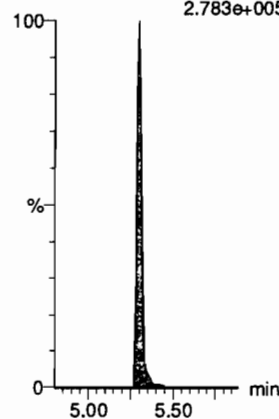
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
4.969e+005



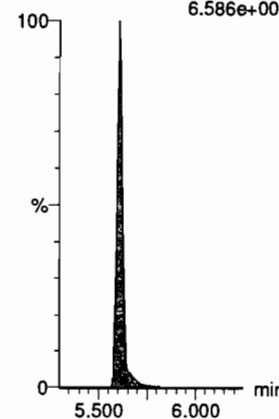
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
2.783e+005



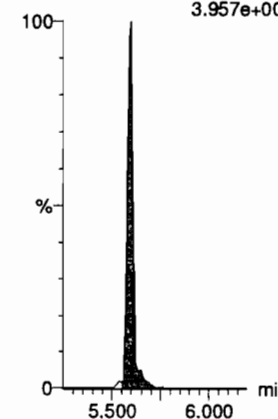
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
6.586e+005



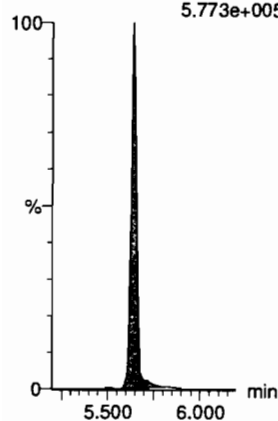
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
3.957e+004



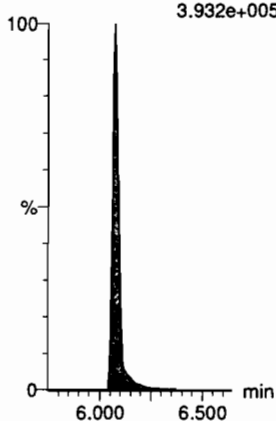
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.773e+005



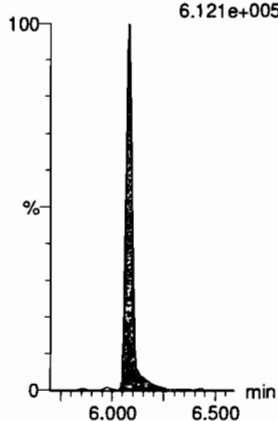
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
3.932e+005



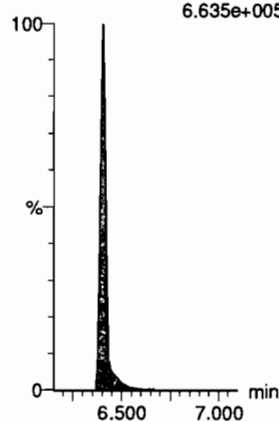
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.121e+005



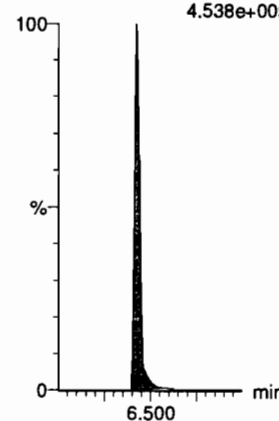
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
6.635e+005



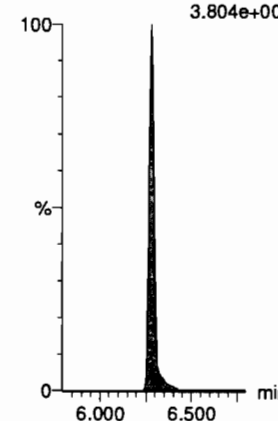
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.538e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.804e+005



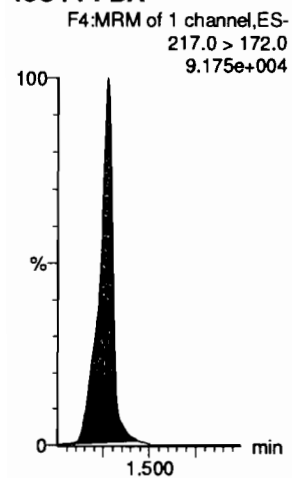
Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-CRV.qld

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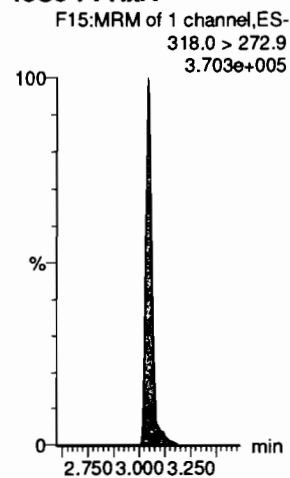
Printed: Wednesday, July 15, 2020 09:42:09 Pacific Daylight Time

Name: 200714M1_12, Date: 14-Jul-2020, Time: 17:04:19, ID: ST200714M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

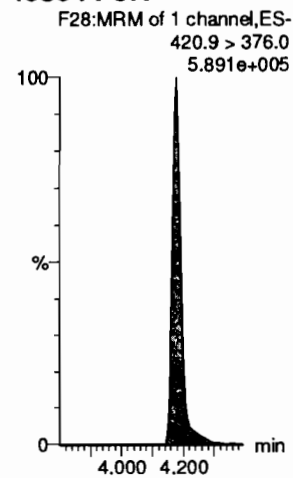
13C4-PFBA



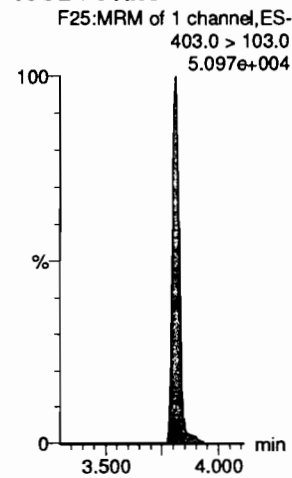
13C5-PFHxA



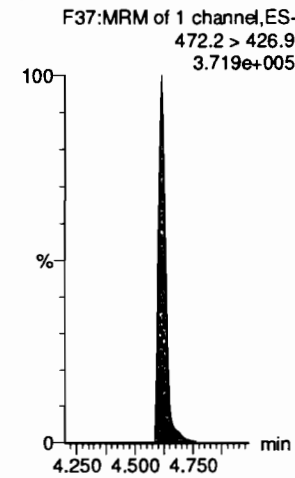
13C8-PFOA



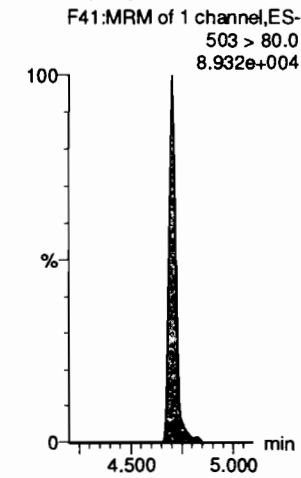
18O2-PFHxS



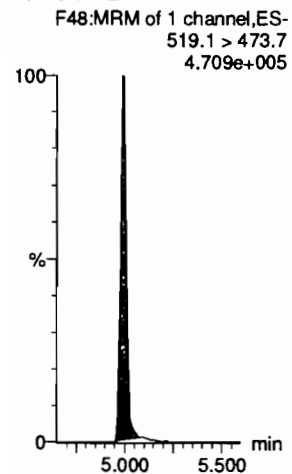
13C9-PFNA



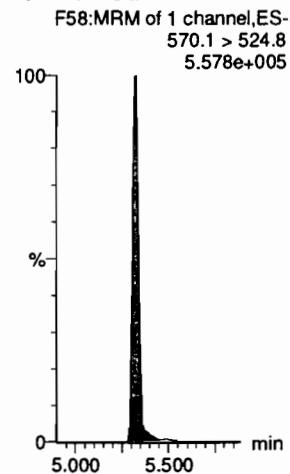
13C4-PFOS



13C6-PFDA



13C7-PFUDa



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Ⓐ Not in ICV

✓
DM 7/15/2020

Name: 200714M1_14, Date: 14-Jul-2020, Time: 17:25:04, ID: ICV200714M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

1	PFBA	213.0 > 169.0	5147.122	4936.185	1.00	1.28	13.034	10.000	9.22	92.2	NO		
2	PFPpS	248.9 > 79.9		1731.734	1.00			10.000		Ⓐ	NO		
3	3:3 FTCA	241.1 > 177.0		7459.140	1.00			10.000		↓	NO		
4	PFPeA	263.1 > 218.9	5613.897	7459.140	1.00	2.23	9.408	10.000	10.1	101.0	NO		
5	PFBS	299.0 > 79.7	2203.493	1731.734	1.00	2.51	15.905	8.840	8.18	92.6	NO	2.475	NO
6	4:2 FTS	327.0 > 306.9	5166.338	2649.422	1.00	2.96	24.375	9.360	8.83	94.3	NO	1.936	NO
47	13C3-PFBA-EIS	216.1 > 171.8		4936.185	1.00	1.28	4936.185	12.500	11.1	88.9	NO		
51	13C3-PFBS-EIS	302.0 > 99		1731.734	1.00	2.51	1731.734	12.500	13.6	108.9	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8		7459.140	1.00	2.22	7459.140	12.500	12.5	100.2	NO		
49	13C3-PFPeA-EIS	266.0 > 221.8		7459.140	1.00	2.22	7459.140	12.500	12.5	100.2	NO		
51	13C3-PFBS-EIS	302.0 > 99		1731.734	1.00	2.51	1731.734	12.500	13.6	108.9	NO		
55	13C2-4:2 FTS-EIS	329.0 > 79.9		2649.422	1.00	2.96	2649.422	12.500	12.4	98.9	NO		
-1													
7	PFHxA	313.0 > 269.0	11539.805	13307.957	1.00	3.05	10.839	10.000	10.4	104.3	NO	17.690	NO
8	PFPeS	349.0 > 80.0	2876.356	1731.734	1.00	3.26	20.762	9.360	9.13	97.6	NO	2.040	NO
9	HFPO-DA	285.1 > 168.9	857.239	1016.805	1.00	3.27	10.538	10.000	10.4	103.6	NO	2.149	NO
10	5:3 FTCA	340.9 > 236.9		8253.244	1.00			10.000		Ⓐ	NO		
11	PFHpA	363.0 > 318.9	8258.085	8253.244	1.00	3.67	12.507	10.000	9.85	98.5	NO	10.804	NO
12	ADONA	376.8 > 250.9	28699.461	8253.244	1.00	3.78	43.467	9.440	9.41	99.7	NO	3.648	NO
57	13C2-PFHxA-EIS	315.0 > 270.0		13307.957	1.00	3.05	13307.957	12.500	11.5	92.2	NO		
51	13C3-PFBS-EIS	302.0 > 99		1731.734	1.00	2.51	1731.734	12.500	13.6	108.9	NO		
53	13C3-HFPO-DA-EIS	287.0 > 168.9		1016.805	1.00	3.27	1016.805	12.500	10.1	80.5	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8		8253.244	1.00	3.66	8253.244	12.500	12.0	96.1	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8		8253.244	1.00	3.66	8253.244	12.500	12.0	96.1	NO		
59	13C4-PFHpA-EIS	367.2 > 321.8		8253.244	1.00	3.66	8253.244	12.500	12.0	96.1	NO		
-1													
13	L-PFHxS	399 > 80.0	2940.862	3675.795	1.00	3.81	10.001	9.120	8.95	98.2	NO	1.768	NO
15	6:2 FTS	427 > 407.0	5730.833	2333.021	1.00	4.12	30.705	9.480	9.72	102.5	NO	2.293	NO
16	L-PFOA	412.8 > 368.9	18984.682	16902.998	1.00	4.18	14.039	10.000	9.76	97.6	NO	3.714	NO
18	PFecHS	460.8 > 381.0		16902.998	1.00			10.000		Ⓐ	NO		
19	PFHpS	448.9 > 80.0	3253.657	4346.680	1.00	4.29	9.357	9.520	10.8	113.4	NO	2.265	NO
20	7:3 FTCA	441.0 > 337.0		15929.503	1.00			10.000		Ⓐ	NO		
61	13C3-PFHxS-EIS	401.8 > 79.9		3675.795	1.00	3.81	3675.795	12.500	11.5	92.1	NO		
63	13C2-6:2 FTS-EIS	429.0 > 79.9		2333.021	1.00	4.12	2333.021	12.500	12.3	98.3	NO		
69	13C2-PFOA-EIS	414.9 > 369.7		16902.998	1.00	4.18	16902.998	12.500	12.1	97.0	NO		
69	13C2-PFOA-EIS	414.9 > 369.7		16902.998	1.00	4.18	16902.998	12.500	12.1	97.0	NO		

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Name: 200714M1_14, Date: 14-Jul-2020, Time: 17:25:04, ID: ICV200714M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

73	13C8-PFOS-EIS	507.0 > 80	4346.680		1.00	4.70	4346.680	12.500	12.0	96.3	NO		
65	13C5-PFNA-EIS	468.2 > 422.9	15929.503		1.00	4.62	15929.503	12.500	11.2	89.9	NO		
	-1												
21	PFNA	463.0 > 418.8	15470.358	15929.503	1.00	4.62	12.140	10.000	10.4	103.5	NO	5.056	NO
22	PFOSA	498.0 > 78.0	5000.947	6018.836	1.00	4.67	10.386	10.000	9.78	97.8	NO	29.277	NO
23	L-PFOS	499 > 80	2797.955	4346.680	1.00	4.70	8.046	9.280	7.99	86.1	NO	1.943	NO
25	9CI-PF30NS	531 > 351.0	10756.750	4346.680	1.00	4.92	30.934	9.320	8.75	93.8	NO	18.184	NO
26	PFDA	513 > 468.8	18191.484	16184.270	1.00	5.00	14.050	10.000	9.86	98.6	NO	5.617	NO
27	8:2 FTS	526.9 > 507.0	4882.446	2513.079	1.00	4.96	24.285	9.600	9.70	101.0	NO	1.875	NO
65	13C5-PFNA-EIS	468.2 > 422.9	15929.503		1.00	4.62	15929.503	12.500	11.2	89.9	NO		
67	13C8-PFOSA-EIS	506. > 78	6018.836		1.00	4.66	6018.836	12.500	11.5	92.4	NO		
73	13C8-PFOS-EIS	507.0 > 80	4346.680		1.00	4.70	4346.680	12.500	12.0	96.3	NO		
73	13C8-PFOS-EIS	507.0 > 80	4346.680		1.00	4.70	4346.680	12.500	12.0	96.3	NO		
75	13C2-PFDA-EIS	515.1 > 469.9	16184.270		1.00	5.00	16184.270	12.500	12.0	95.9	NO		
77	13C2-8:2 FTS-EIS	528.9 > 79.9	2513.079		1.00	4.96	2513.079	12.500	13.4	107.4	NO		
	-1												
28	PFNS	548.9 > 79.9	3255.091	4346.680	1.00	5.06	9.361	9.600	9.19	95.8	NO	1.619	NO
29	L-MeFOSAA	570 > 419	9350.072	13201.381	1.00	5.15	8.853	10.000	9.38	93.8	NO	2.707	NO
31	L-EtFOSAA	583.9 > 419	7992.613	12408.091	1.00	5.31	8.052	10.000	8.89	88.9	NO	1.253	NO
33	PFUdA	563.0 > 518.9	15149.056	22171.654	1.00	5.32	8.541	10.000	9.26	92.6	NO	9.059	NO
34	PFDS	599.0 > 80.0	2725.863	4346.680	1.00	5.37	7.839	9.640	9.51	98.6	NO	1.349	NO
35	11CI-PF30UdS	630.9 > 450.9	10604.864	30022.975	1.00	5.54	4.415	9.440	8.20	86.9	NO	25.205	NO
73	13C8-PFOS-EIS	507.0 > 80	4346.680		1.00	4.70	4346.680	12.500	12.0	96.3	NO		
79	d3-N-MeFOSAA-EIS	573. > 419	13201.381		1.00	5.14	13201.381	12.500	12.9	103.1	NO		
83	d5-N-EtFOSAA-EIS	589. > 419	12408.091		1.00	5.30	12408.091	12.500	12.9	102.9	NO		
81	13C2-PFUdA-EIS	565 > 519.8	22171.654		1.00	5.32	22171.654	12.500	11.1	88.9	NO		
73	13C8-PFOS-EIS	507.0 > 80	4346.680		1.00	4.70	4346.680	12.500	12.0	96.3	NO		
85	13C2-PFDoA-EIS	615 > 570	30022.975		1.00	5.61	30022.975	12.500	13.6	108.6	NO		
	-1												
36	10:2 FTS	626.9 > 607		1870.116	1.00			10.000		ⓐ	NO		
37	PFDoA	612.9 > 569.0	22236.805	30022.975	1.00	5.61	9.258	10.000	9.29	92.9	NO	8.692	NO
38	N-MeFOSA	512.1 > 168.9		19907.787	1.00			9.600		ⓐ	NO		
39	PFTrDA	662.9 > 618.9	20380.391	30022.975	1.00	5.86	8.485	10.000	9.24	92.4	NO	9.762	NO
40	PFDoS	698.9 > 80		17591.057	1.00			10.000		ⓐ	NO		
41	PFTeDA	713.0 > 669.0	20906.553	17591.057	1.00	6.07	14.856	10.000	9.48	94.8	NO	13.630	NO
87	13C2-10:2 FTS-EIS	633 > 79.9		1870.116	1.00	5.59	1870.116	12.500	12.4	99.0	NO		

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Name: 200714M1_14, Date: 14-Jul-2020, Time: 17:25:04, ID: ICV200714M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

Peak	Retention	Area	IS Area	Height	RT	Response	Area	Height	Area	Response	
85	13C2-PFDoA-EIS	615 > 570	30022.975	1.00	5.61	30022.975	12.500	13.6	108.6	NO	
89	d3-N-MeFOSA-EIS	515.2 > 168.9	19907.787	1.00	5.64	19907.787	149.200	142	95.4	NO	
85	13C2-PFDoA-EIS	615 > 570	30022.975	1.00	5.61	30022.975	12.500	13.6	108.6	NO	
91	13C2-PFTeDA-EIS	715.1 > 669.7	17591.057	1.00	6.07	17591.057	12.500	11.4	91.6	NO	
91	13C2-PFTeDA-EIS	715.1 > 669.7	17591.057	1.00	6.07	17591.057	12.500	11.4	91.6	NO	
-1											
42	N-EtFOSA	526.1 > 168.9	28010.596	1.00			9.600			NO	
43	PFHxDA	813.1 > 768.6	27520.877	1.00			10.000			NO	
44	PFODA	913 > 869	27520.877	1.00			10.000			NO	
45	N-MeFOSE	616.1 > 58.9	12988.890	1.00			9.600			NO	
46	N-EtFOSE	630.1 > 58.9	14745.846	1.00			9.600			NO	
48	13C3-PFBA-RSD	216.1 > 171.8	4936.185	7120.702	1.00	1.28	8.665	12.500	12.4	99.4	NO
93	d5-N-ETFOSA-EIS	531.1 > 168.9	28010.596	1.00	6.08	28010.596	149.200	150	100.8	NO	
95	13C2-PFHxDA-EIS	815 > 769.7	27520.877	1.00	6.40	27520.877	12.500	12.1	97.0	NO	
95	13C2-PFHxDA-EIS	815 > 769.7	27520.877	1.00	6.40	27520.877	12.500	12.1	97.0	NO	
97	d7-N-MeFOSE-EIS	623.1 > 58.9	12988.890	1.00	6.28	12988.890	149.200	135	90.8	NO	
99	d9-N-EtFOSE-EIS	639.2 > 58.8	14745.846	1.00	6.43	14745.846	149.200	151	101.2	NO	
50	13C3-PFPeA-RSD	266.0 > 221.8	7448.480	15198.950	1.00	2.22	6.126	12.500	13.0	103.6	NO
-1											
52	13C3-PFBS-RSD	302.0 > 99	1731.628	1892.581	1.00	2.51	11.437	12.500	14.7	117.6	NO
54	13C3-HFPO-DA-RSD	287.0 > 168.9	1016.805	15198.950	1.00	3.27	0.836	12.500	11.6	92.7	NO
56	13C2-4:2 FTS-RSD	329.0 > 79.9	2649.422	1892.581	1.00	2.96	17.499	12.500	14.6	116.9	NO
58	13C2-PFHxA-RSD	315.0 > 270.0	13230.045	15198.950	1.00	3.05	10.881	12.500	12.4	99.5	NO
60	13C4-PFHpA-RSD	367.2 > 321.8	8253.244	15198.950	1.00	3.66	6.788	12.500	13.0	104.3	NO
62	13C3-PFHxS-RSD	401.8 > 79.9	3682.959	1892.581	1.00	3.81	24.325	12.500	13.8	110.3	NO
64	13C2-6:2 FTS-RSD	429.0 > 79.9	2332.531	4142.811	1.00	4.12	7.038	12.500	13.0	103.7	NO
66	13C5-PFNA-RSD	468.2 > 422.9	15929.503	17584.426	1.00	4.62	11.324	12.500	12.1	97.1	NO
68	13C8-PFOSA-RSD	506. > 78	6018.836	24285.885	1.00	4.66	3.098	12.500	12.8	102.7	NO
70	13C2-PFOA-RSD	414.9 > 369.7	16885.730	25289.186	1.00	4.18	8.346	12.500	12.2	97.7	NO
74	13C8-PFOS-RSD	507.0 > 80	4346.680	4142.811	1.00	4.70	13.115	12.500	13.1	104.6	NO
76	13C2-PFDA-RSD	515.1 > 469.9	16142.869	16142.375	1.00	5.00	12.500	12.500	15.6	124.9	NO
-1											
78	13C2-8:2 FTS-RSD	528.9 > 79.9	2526.991	4142.811	1.00	4.96	7.625	12.500	13.0	104.1	NO
80	d3-N-MeFOSAA-RSD	573. > 419	13201.381	24285.885	1.00	5.14	6.795	12.500	13.6	108.7	NO
82	13C2-PFUDa-RSD	565 > 519.8	22171.654	24285.885	1.00	5.32	11.412	12.500	12.4	99.0	NO
84	d5-N-EtFOSAA-RSD	589. > 419	12408.091	24285.885	1.00	5.30	6.386	12.500	14.3	114.2	NO



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-ICV.qld

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Name: 200714M1_14, Date: 14-Jul-2020, Time: 17:25:04, ID: ICV200714M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

86	13C2-PFD α A-RSD	615 > 570	30018.404	16142.375	1.00	5.61	23.245	12.500	16.9	135.4	NO
88	13C2-10:2 FTS-RSD	633 > 79.9	1871.010	4142.811	1.00	5.59	5.645	12.500	13.1	104.8	NO
90	d3-N-MeFOSA-RSD	515.2 > 168.9	19907.787	24285.885	1.00	5.64	10.247	149.200	153	102.2	NO
92	13C2-PFTeDA-RSD	715.1 > 669.7	17578.379	24285.885	1.00	6.07	9.048	12.500	12.8	102.2	NO
94	d5-N-ETFOSA-RSD	531.1 > 168.9	28846.215	24285.885	1.00	6.08	14.847	149.200	169	113.3	NO
96	13C2-PFHxDA-RSD	815 > 769.7	27520.877	24285.885	1.00	6.40	14.165	12.500	13.1	104.5	NO
98	d7-N-MeFOSE-RSD	623.1 > 58.9	12988.890	24285.885	1.00	6.28	6.685	149.200	155	103.7	NO
1...	d9-N-EtFOSE-RSD	639.2 > 58.8	14745.846	24285.885	1.00	6.43	7.590	149.200	161	108.0	NO
	-1										
1...	13C4-PFBA	217.0 > 172.0	7120.702	7120.702	1.00	1.28	12.500	12.500	12.5	100.0	NO
1...	13C5-PFHxA	318.0 > 272.9	15198.950	15198.950	1.00	3.05	12.500	12.500	12.5	100.0	NO
1...	13C8-PFOA	420.9 > 376.0	25289.186	25289.186	1.00	4.18	12.500	12.500	12.5	100.0	NO
1...	18O2-PFHxS	403.0 > 103.0	1892.581	1892.581	1.00	3.81	12.500	12.500	12.5	100.0	NO
1...	13C9-PFNA	472.2 > 426.9	17584.426	17584.426	1.00	4.62	12.500	12.500	12.5	100.0	NO
1...	13C4-PFOS	503 > 80.0	4142.811	4142.811	1.00	4.70	12.500	12.500	12.5	100.0	NO
1...	13C6-PFDA	519.1 > 473.7	16142.375	16142.375	1.00	5.00	12.500	12.500	12.5	100.0	NO
1...	13C7-PFUdA	570.1 > 524.8	24285.885	24285.885	1.00	5.32	12.500	12.500	12.5	100.0	NO

Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-ICV.qld

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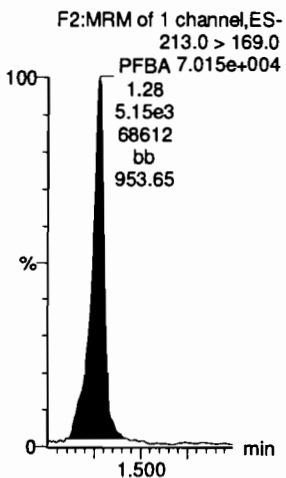
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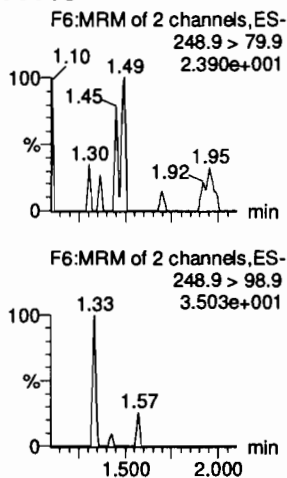
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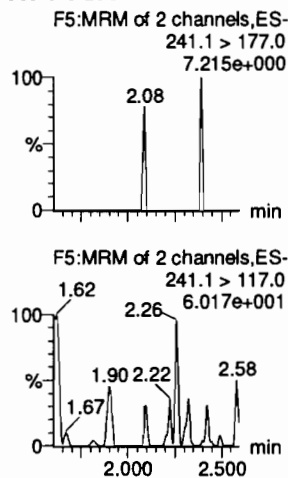
PFBA



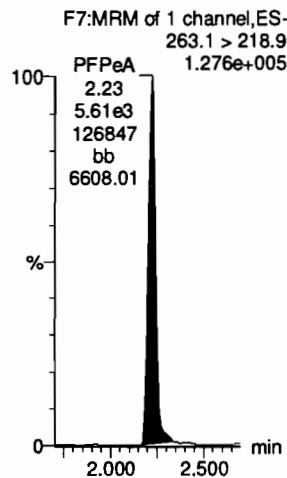
PFPoS



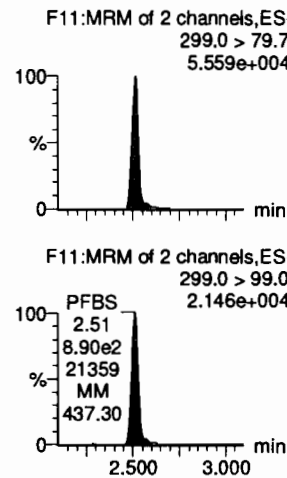
3:3 FTCA



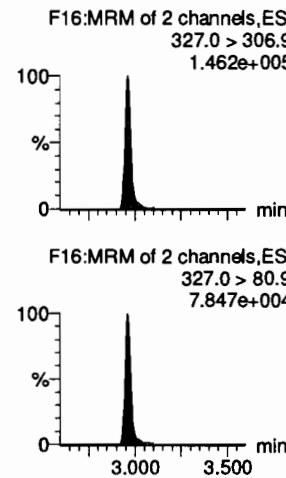
PFPeA



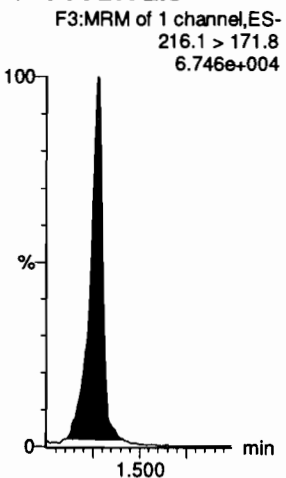
PFBS



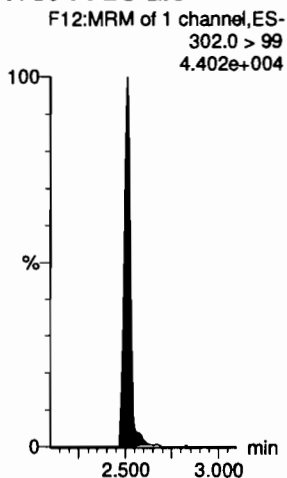
4:2 FTS



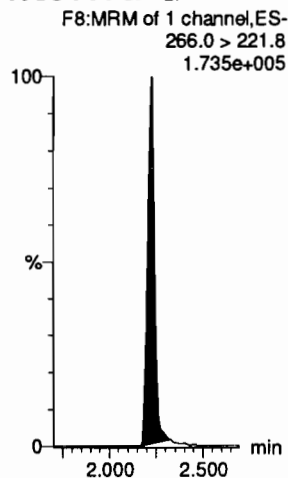
13C3-PFBA-EIS



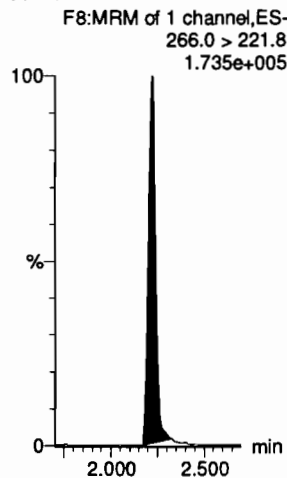
13C3-PFBS-EIS



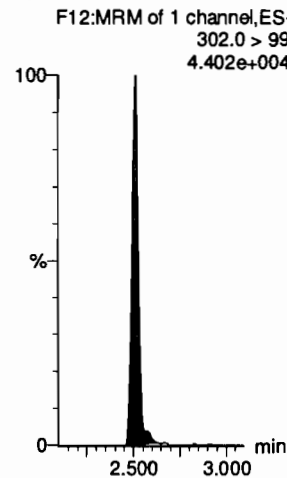
13C3-PFPeA-EIS



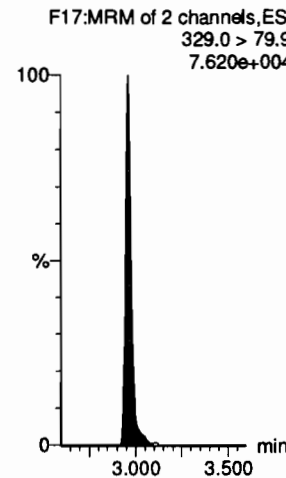
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

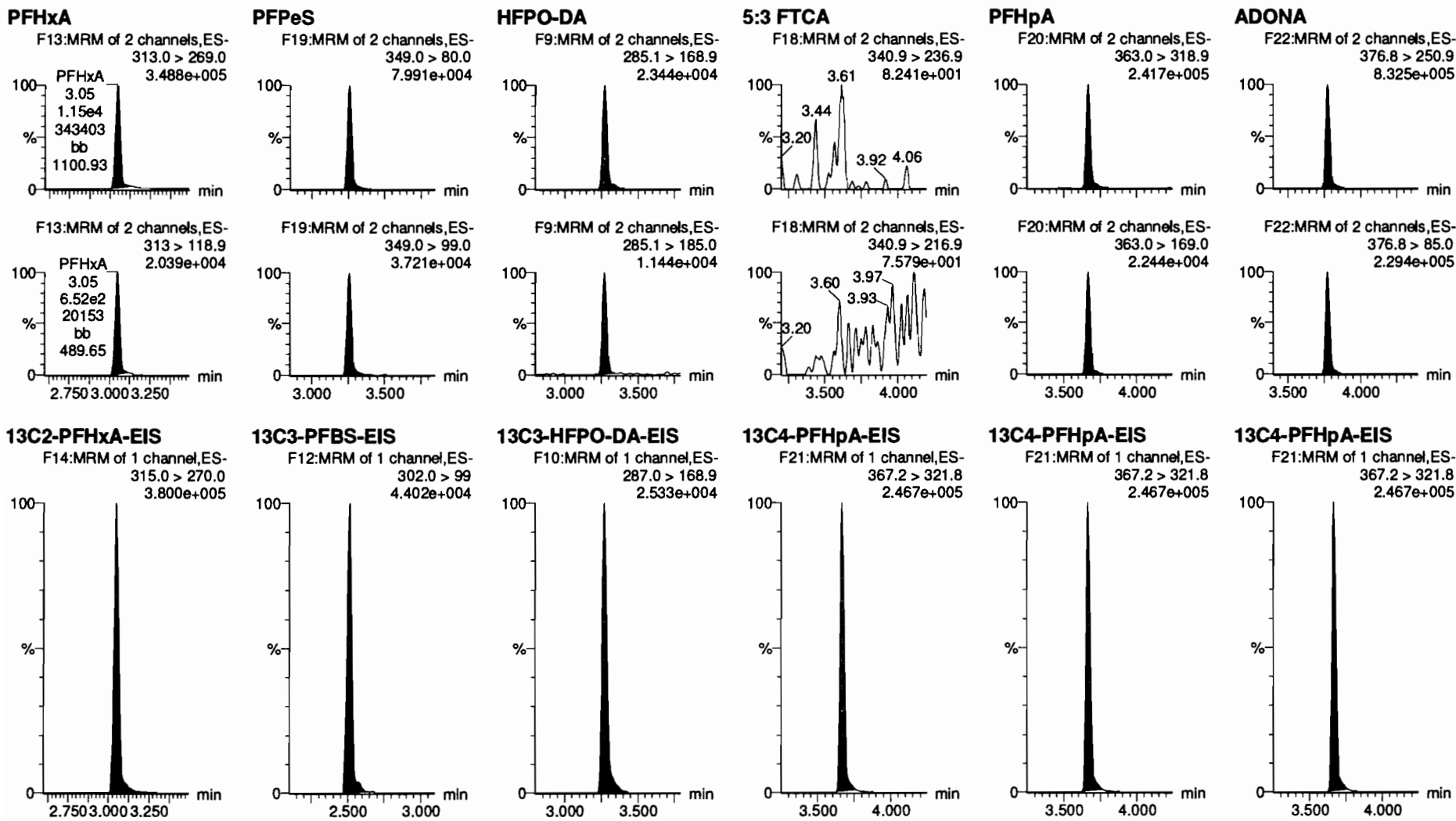


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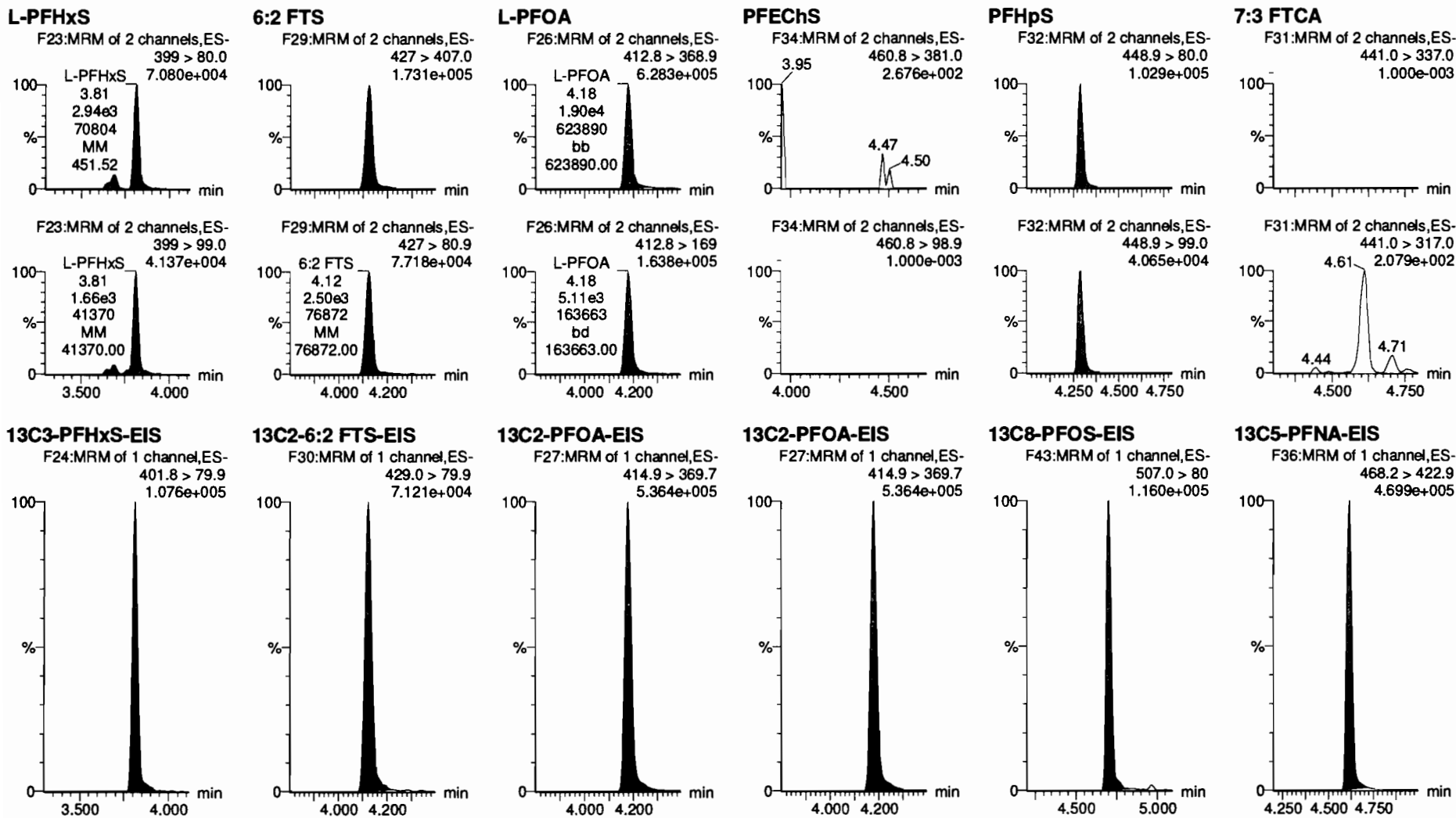
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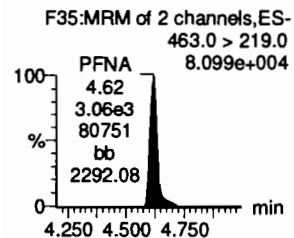
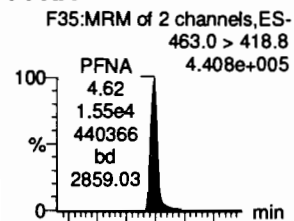
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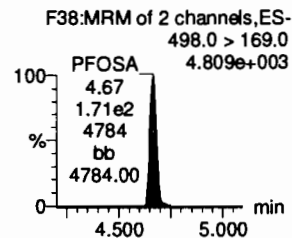
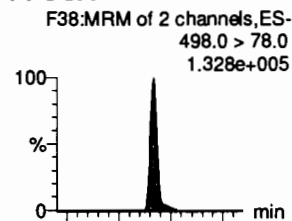
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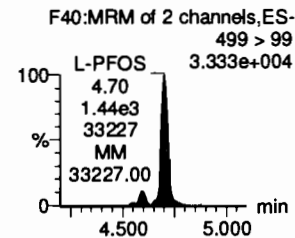
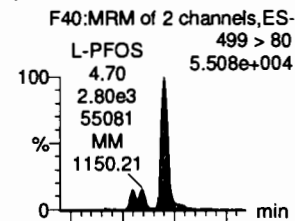
PFNA



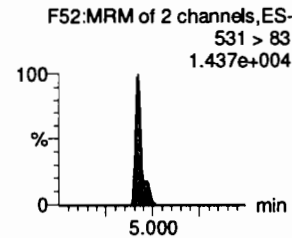
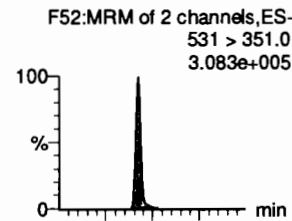
PFOSA



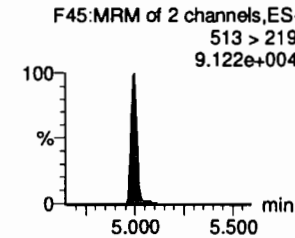
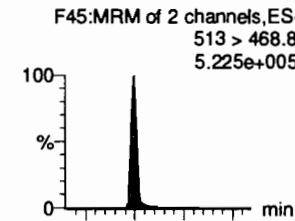
L-PFOS



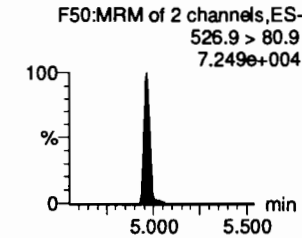
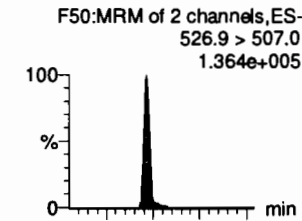
9CI-PF30NS



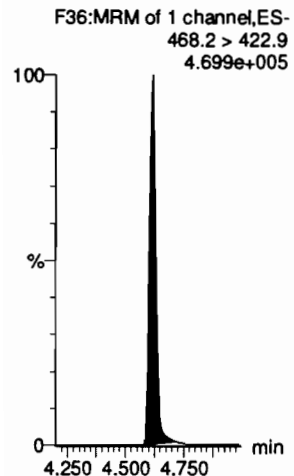
PFDA



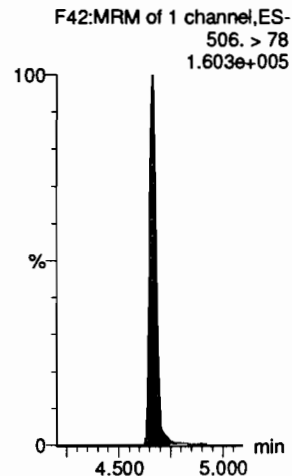
8:2 FTS



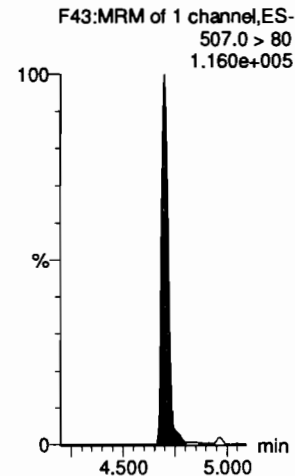
13C5-PFNA-EIS



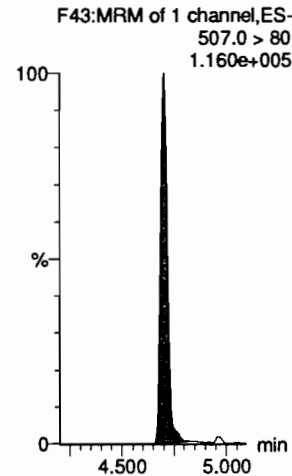
13C8-PFOSA-EIS



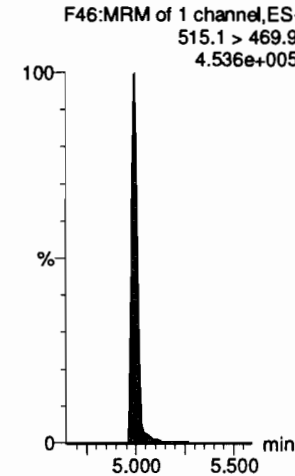
13C8-PFOS-EIS



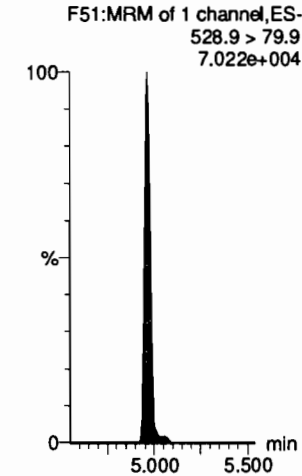
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS

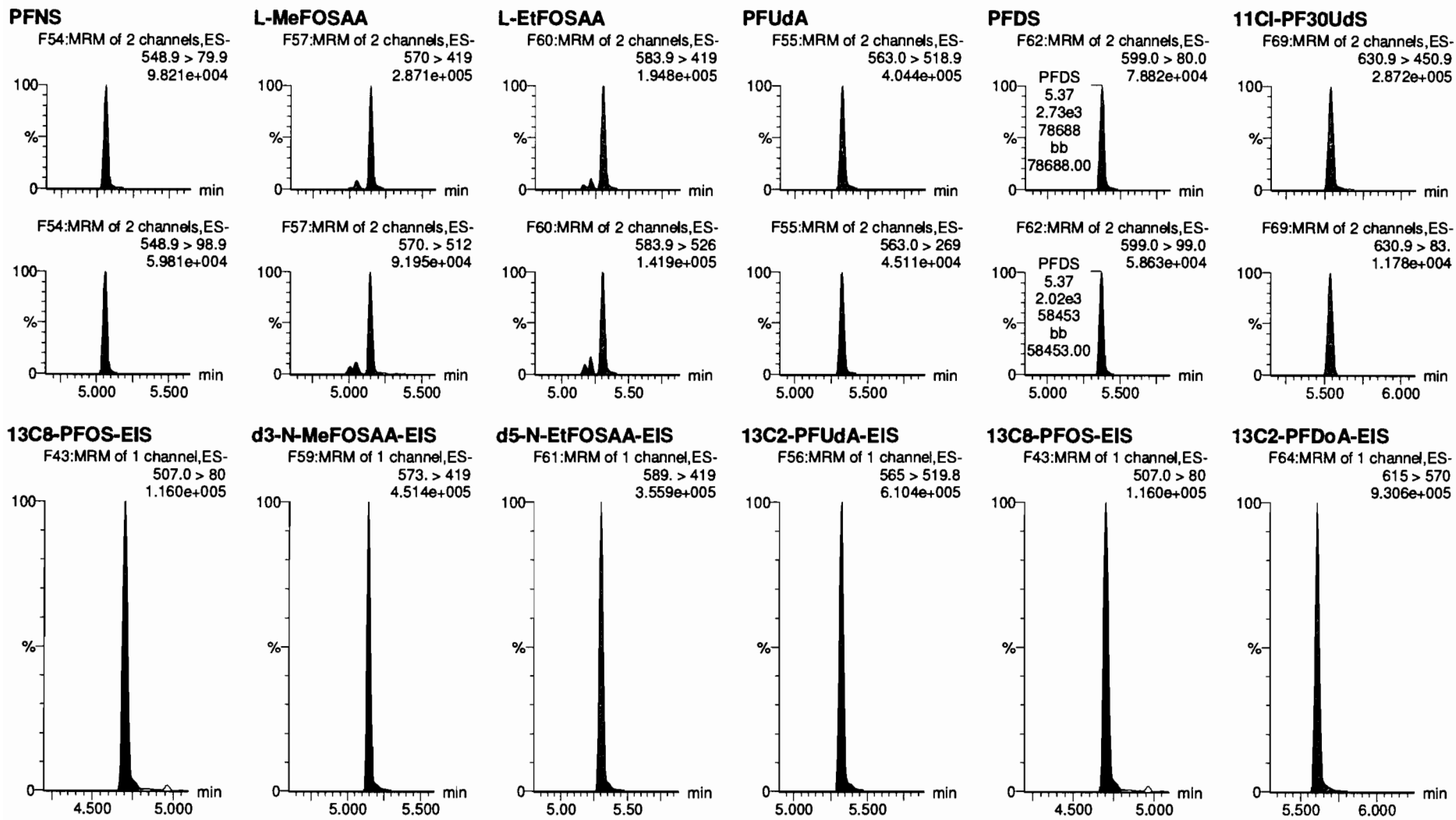


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Name: 200714M1_14, Date: 14-Jul-2020, Time: 17:25:04, ID: ICV200714M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

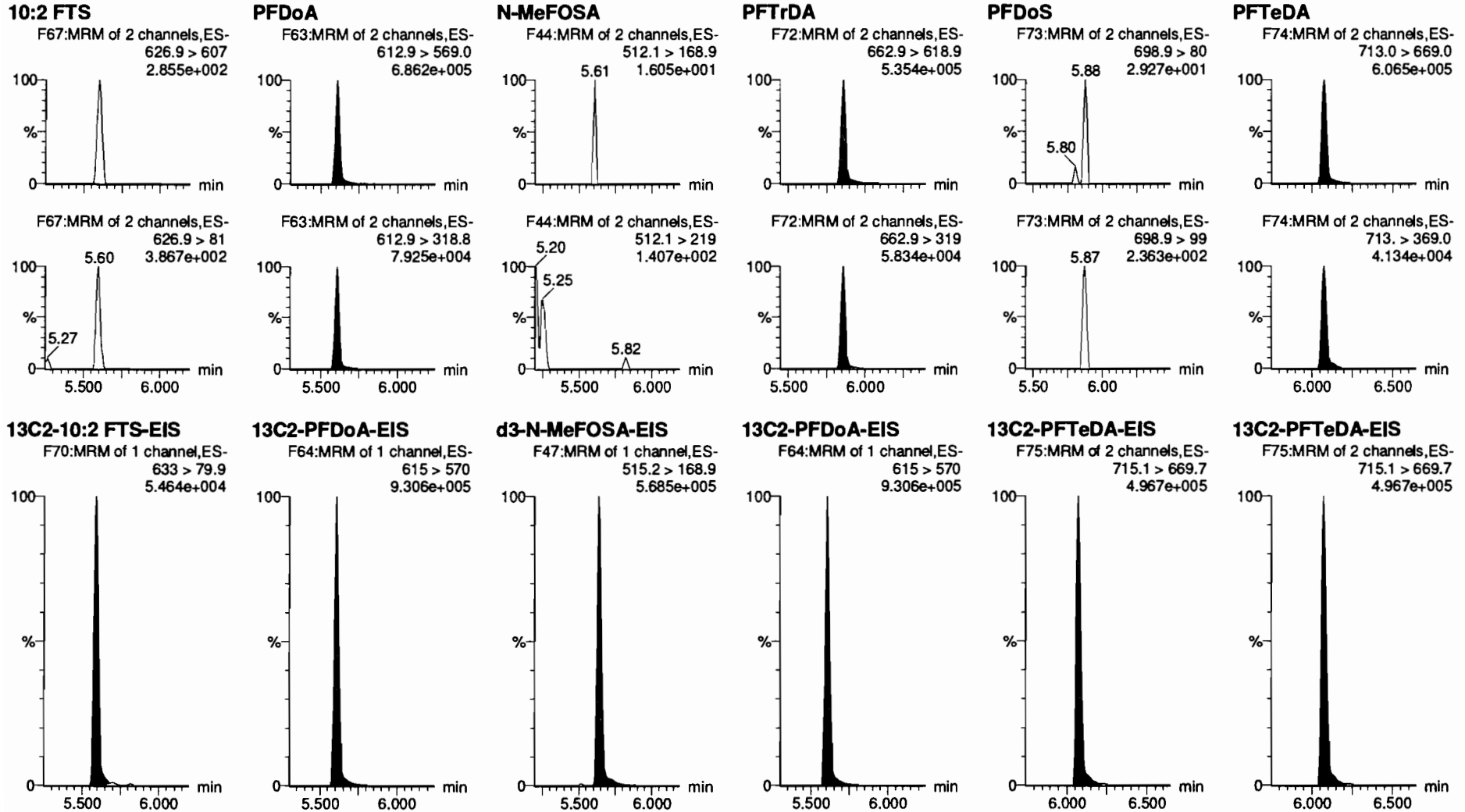


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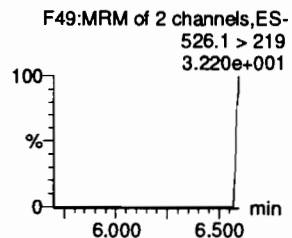
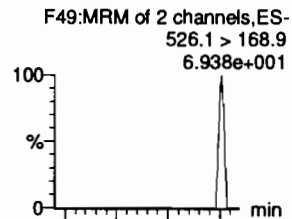
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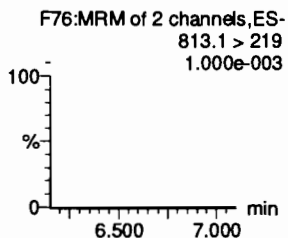
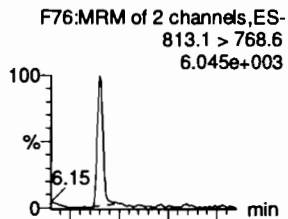
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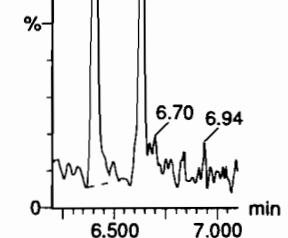
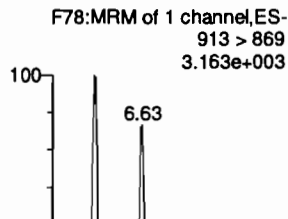
N-EtFOSA



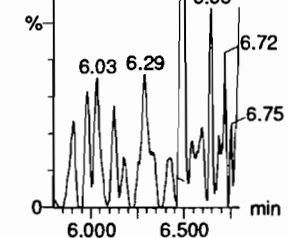
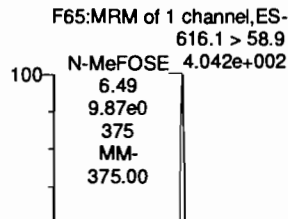
PFHxDA



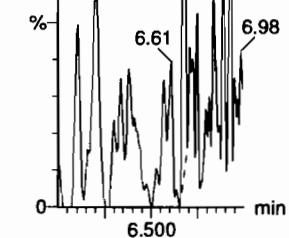
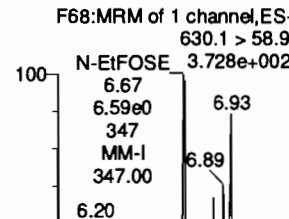
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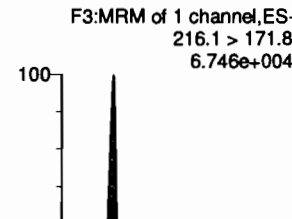
N-MeFOSE



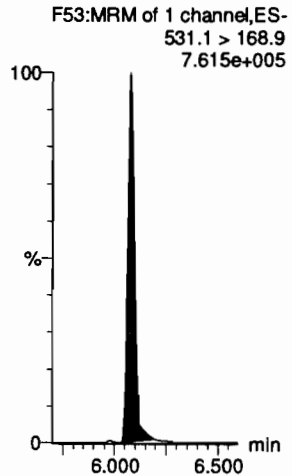
N-EtFOSE



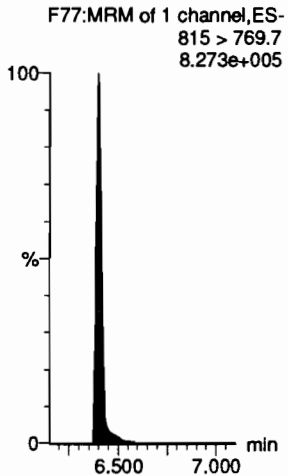
13C3-PFBA-RSD



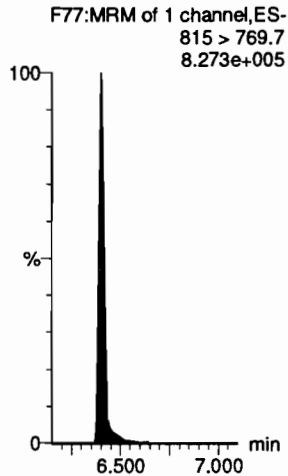
d5-N-ETFOSA-EIS



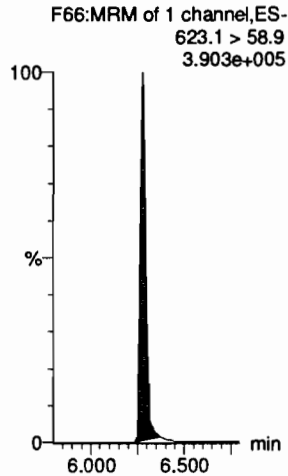
13C2-PFHxDA-EIS



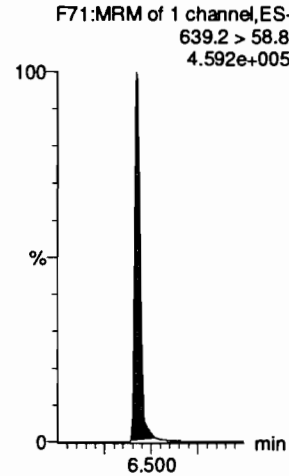
13C2-PFHxDA-EIS



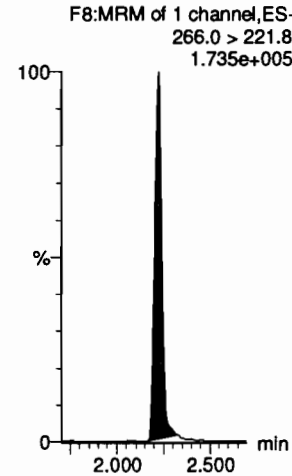
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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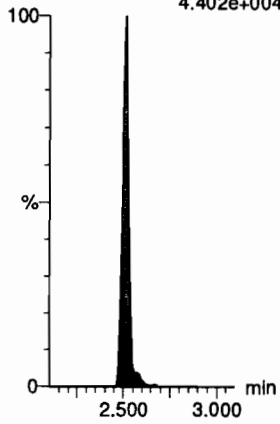
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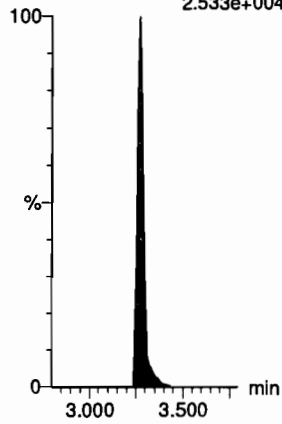
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
4.402e+004



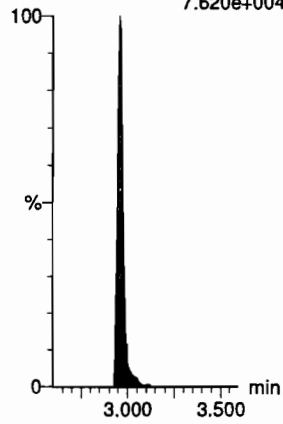
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
2.533e+004



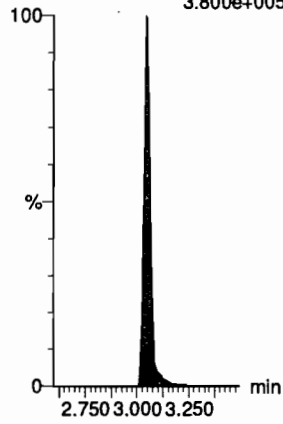
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.620e+004



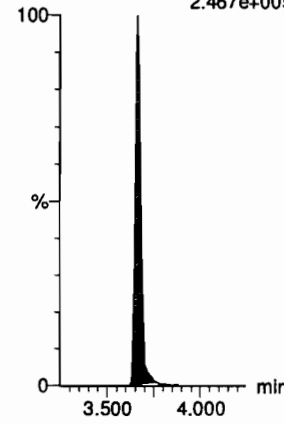
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.800e+005



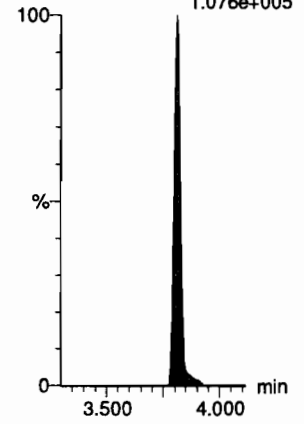
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.467e+005



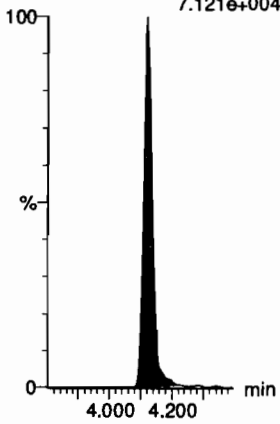
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.076e+005



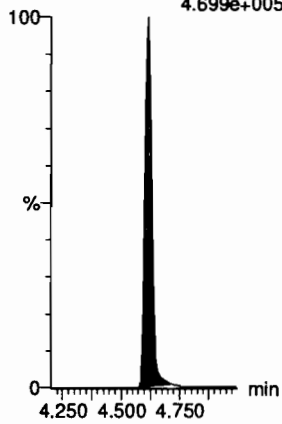
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
7.121e+004



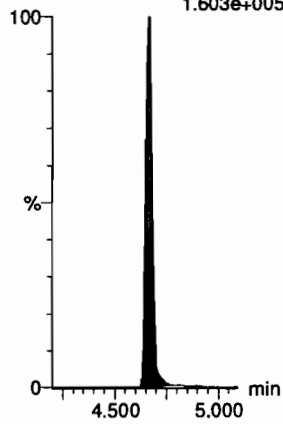
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.699e+005



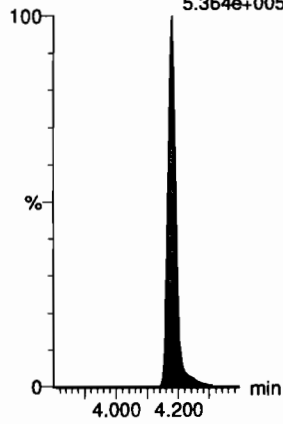
13C8-PFOSA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.603e+005



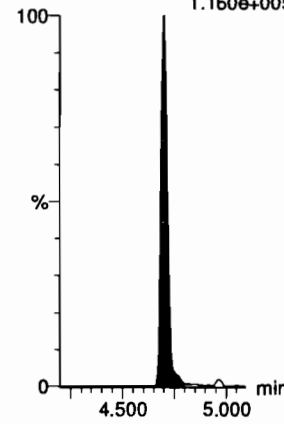
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.364e+005



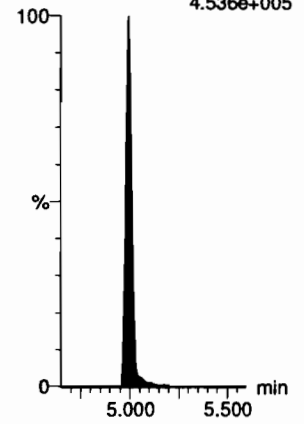
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.160e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.536e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-ICV.qld

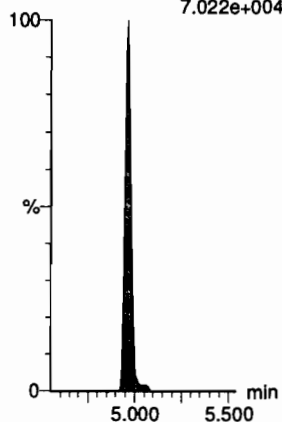
Last Altered: Wednesday, July 15, 2020 11:15:40 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 11:15:58 Pacific Daylight Time

Name: 200714M1_14, Date: 14-Jul-2020, Time: 17:25:04, ID: ICV200714M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

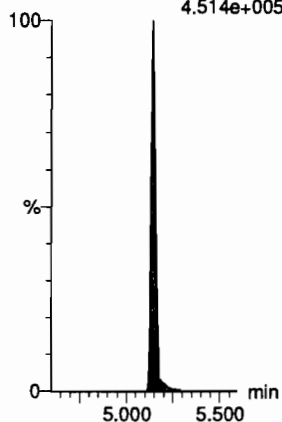
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
7.022e+004



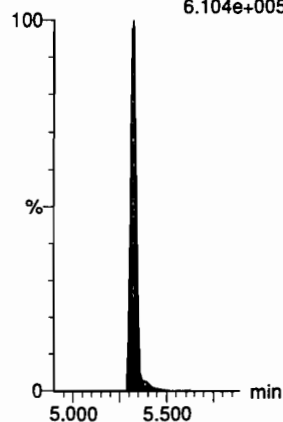
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.514e+005



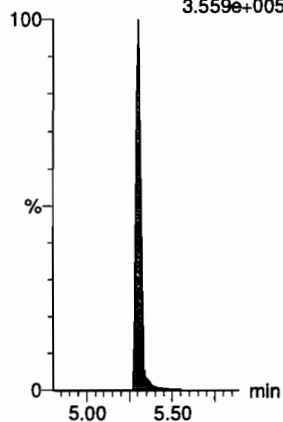
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.104e+005



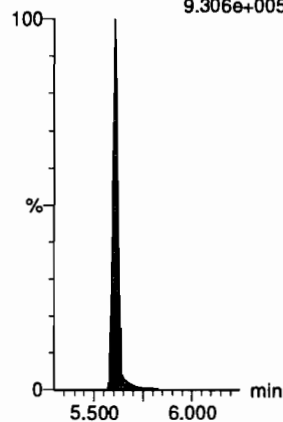
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.559e+005



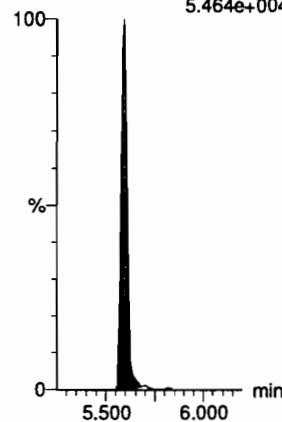
13C2-PFDaA-RSD

F64:MRM of 1 channel,ES-
615 > 570
9.306e+005



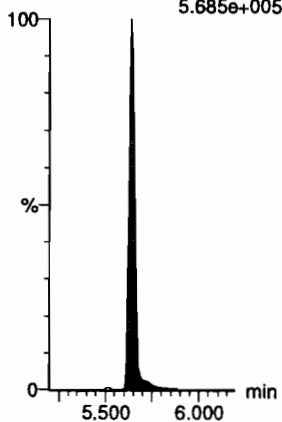
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.464e+004



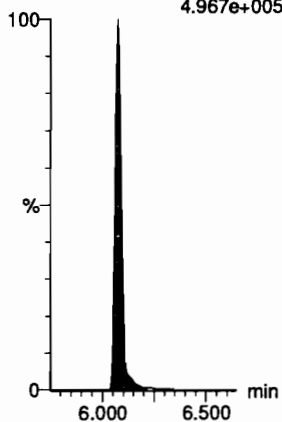
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.685e+005



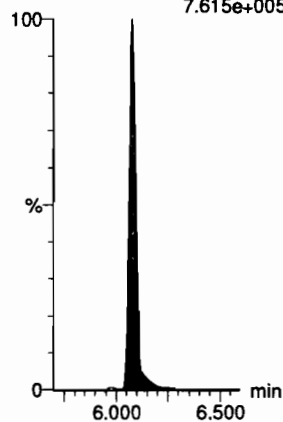
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.967e+005



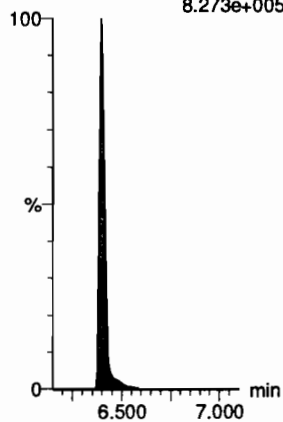
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.615e+005



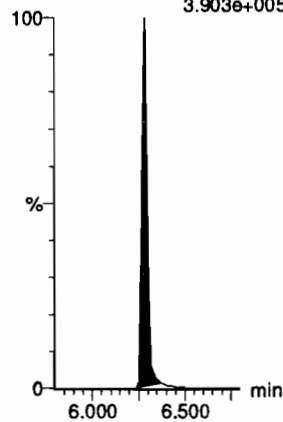
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.273e+005



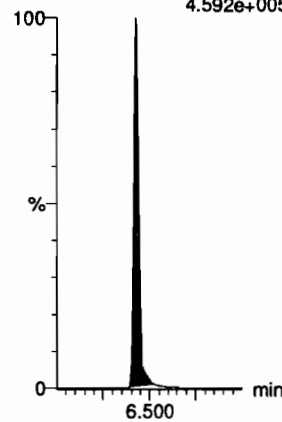
d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.903e+005



d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.592e+005



Dataset: F:\Projects\PFAS.PRO\Results\200714M1\200714M1-ICV.qld

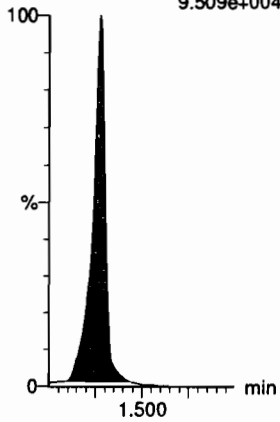
Last Altered: Wednesday, July 15, 2020 11:15:40 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 11:15:58 Pacific Daylight Time

Name: 200714M1_14, Date: 14-Jul-2020, Time: 17:25:04, ID: ICV200714M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

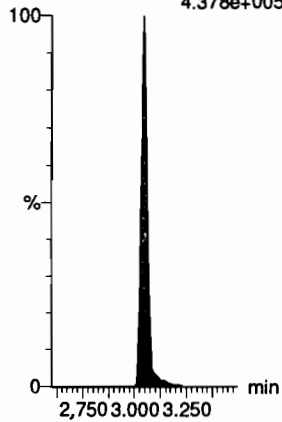
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
9.509e+004



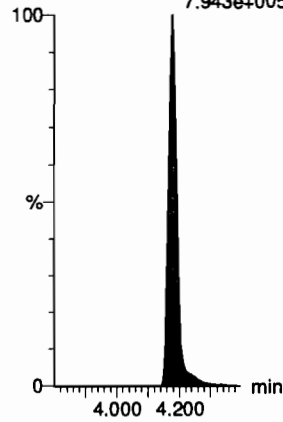
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.378e+005



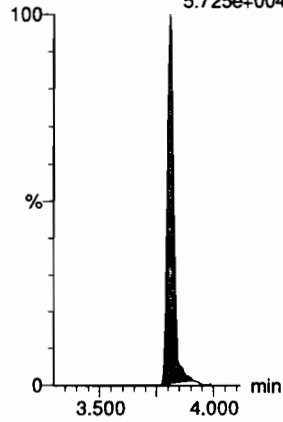
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.943e+005



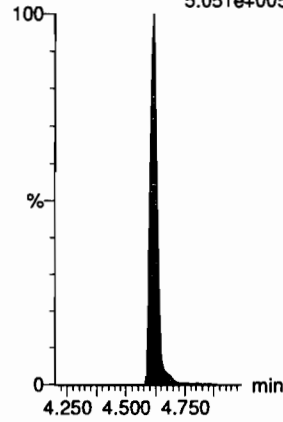
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
5.725e+004



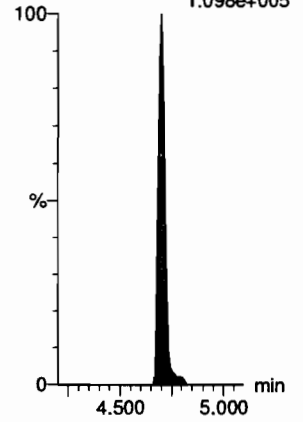
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
5.051e+005



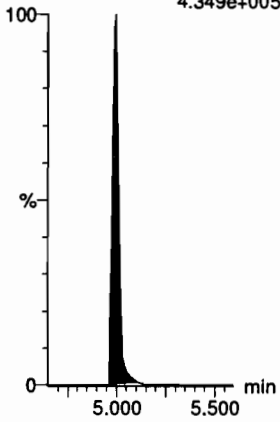
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.098e+005



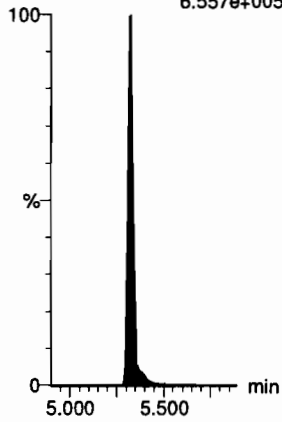
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
4.349e+005



13C7-PFUDa

F58:MRM of 1 channel,ES-
570.1 > 524.8
6.557e+005



Dataset: Untitled

Last Altered: Wednesday, July 15, 2020 11:16:54 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 11:16:58 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420.mdb 15 Jul 2020 09:41:38

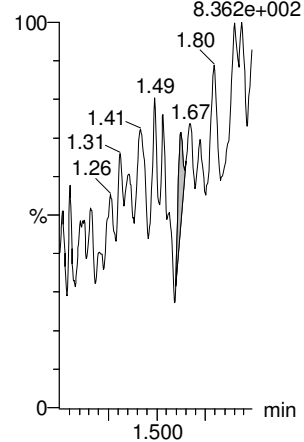
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-14-20.cdb 15 Jul 2020 10:42:35

Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

PFBA

IB IB F2:MRM of 1 channel,ES-213.0 > 169.0

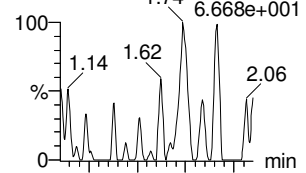
8.362e+002



PFPrS

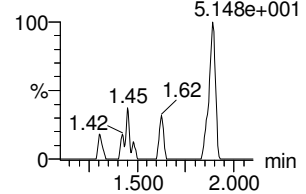
IB IB F6:MRM of 2 channels,ES-248.9 > 79.9

6.668e+001



IB IB F6:MRM of 2 channels,ES-248.9 > 98.9

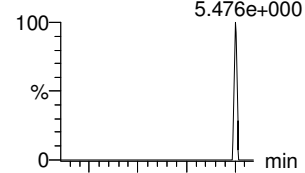
5.148e+001



3:3 FTCA

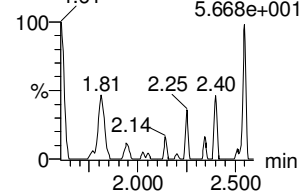
IB IB F5:MRM of 2 channels,ES-241.1 > 177.0

5.476e+000



IB IB F5:MRM of 2 channels,ES-241.1 > 117.0

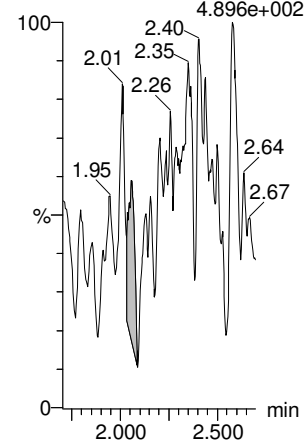
5.668e+001



PFPeA

IB IB F7:MRM of 1 channel,ES-263.1 > 218.9

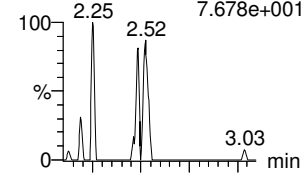
4.896e+002



PFBS

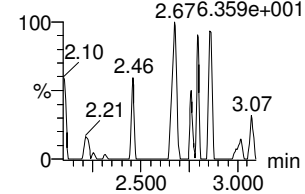
F11:MRM of 2 channels,ES-299.0 > 79.7

7.678e+001



F11:MRM of 2 channels,ES-299.0 > 99.0

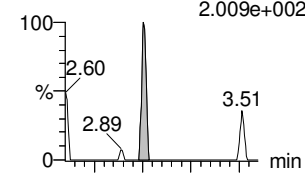
2.676.359e+001



4:2 FTS

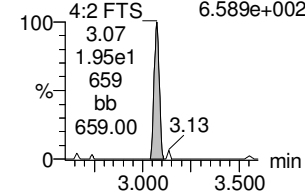
F16:MRM of 2 channels,ES-327.0 > 306.9

2.009e+002



F16:MRM of 2 channels,ES-327.0 > 80.9

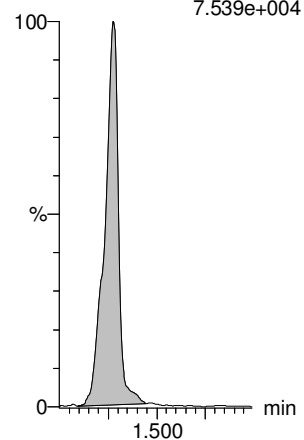
6.589e+002



13C3-PFBA-EIS

IB IB F3:MRM of 1 channel,ES-216.1 > 171.8

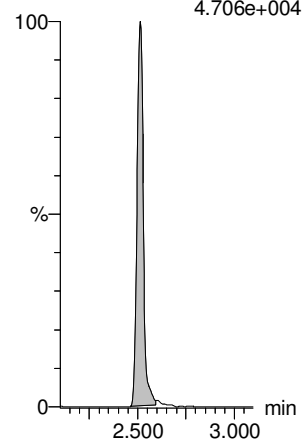
7.539e+004



13C3-PFBS-EIS

IB IB F12:MRM of 1 channel,ES-302.0 > 99

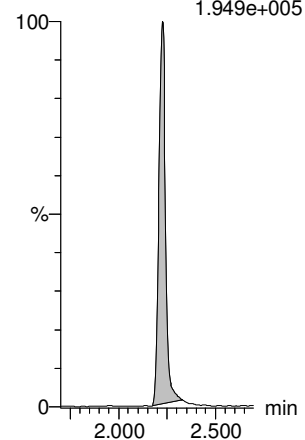
4.706e+004



13C3-PFPeA-EIS

IB IB F8:MRM of 1 channel,ES-266.0 > 221.8

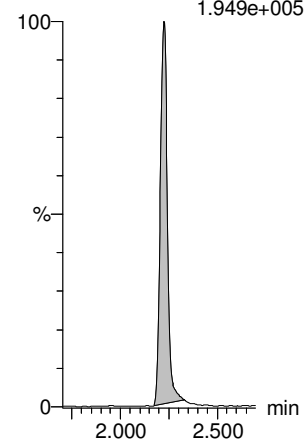
1.949e+005



13C3-PFPeA-EIS

IB IB F8:MRM of 1 channel,ES-266.0 > 221.8

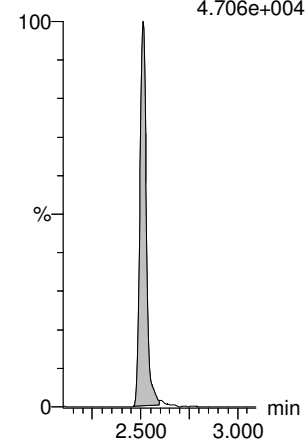
1.949e+005



13C3-PFBS-EIS

IB IB F12:MRM of 1 channel,ES-302.0 > 99

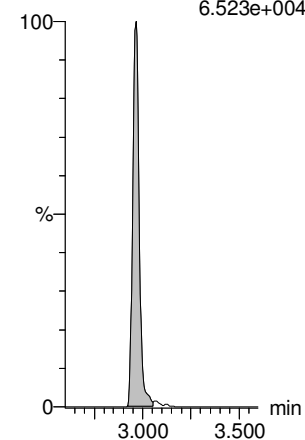
4.706e+004



13C2-4:2 FTS-EIS

F17:MRM of 2 channels,ES-329.0 > 79.9

6.523e+004



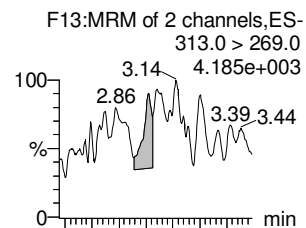
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Last Altered: Wednesday, July 15, 2020 11:16:54 Pacific Daylight Time

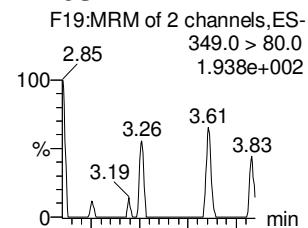
Printed: Wednesday, July 15, 2020 11:16:58 Pacific Daylight Time

Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

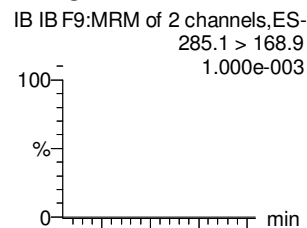
PFHxA



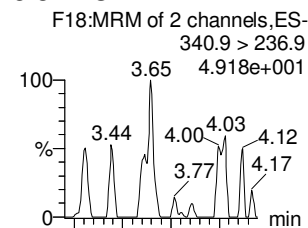
PFPeS



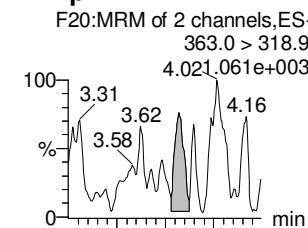
HFPO-DA



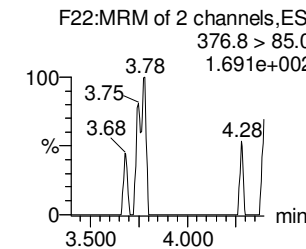
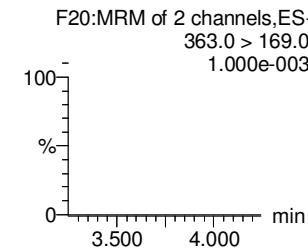
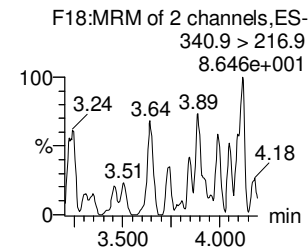
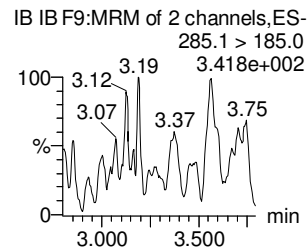
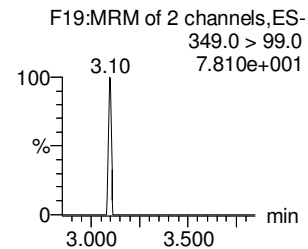
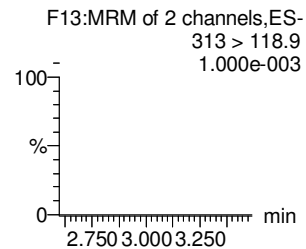
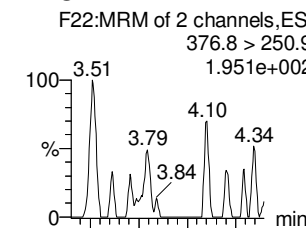
5:3 FTCA



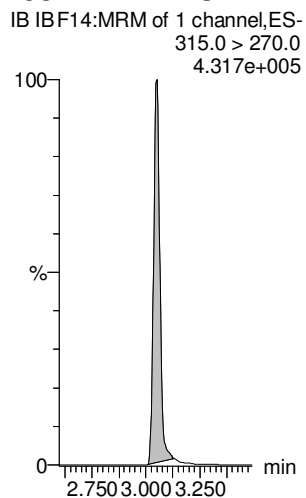
PFHpA



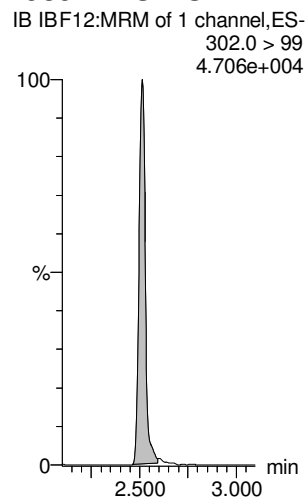
ADONA



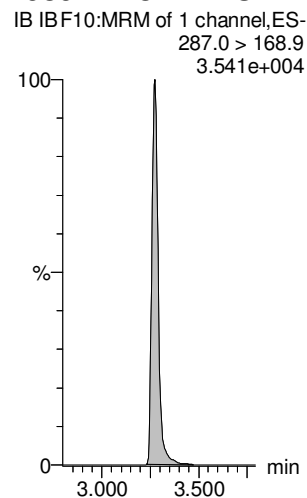
13C2-PFHxA-EIS



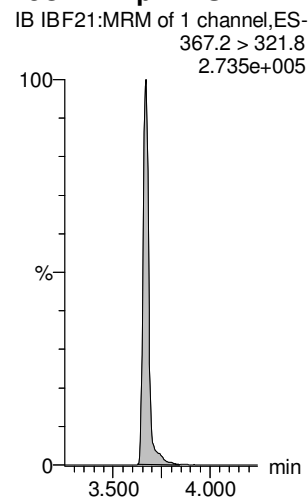
13C3-PFBS-EIS



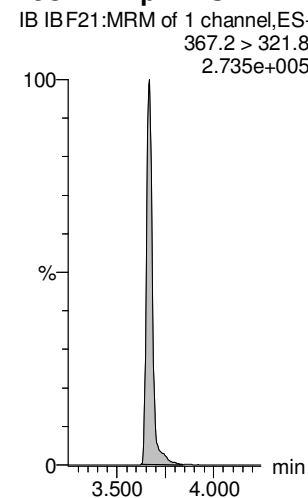
13C3-HFPO-DA-EIS



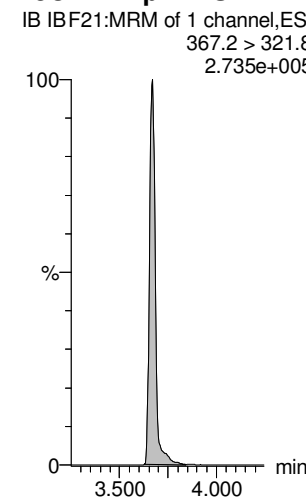
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



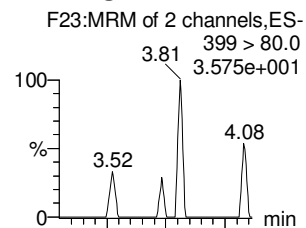
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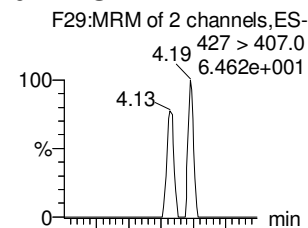
Printed: Wednesday, July 15, 2020 11:16:58 Pacific Daylight Time

Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

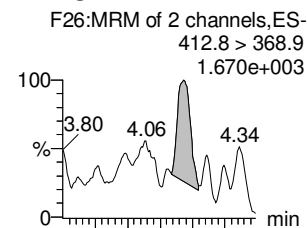
L-PFHxS



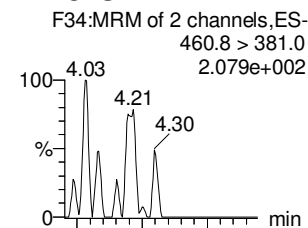
6:2 FTS



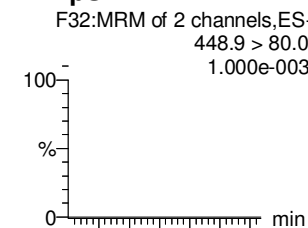
L-PFOA



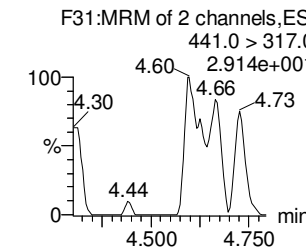
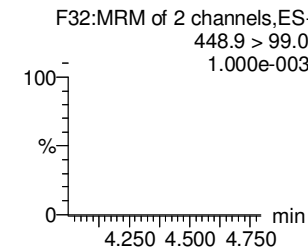
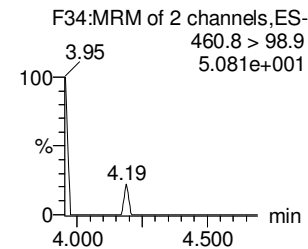
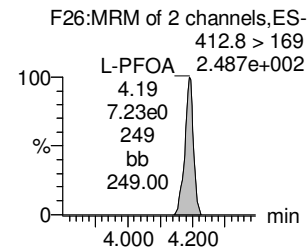
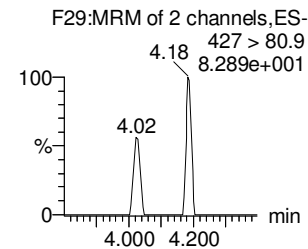
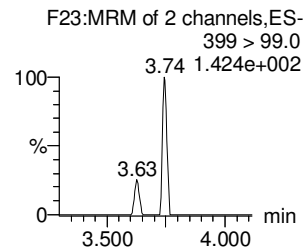
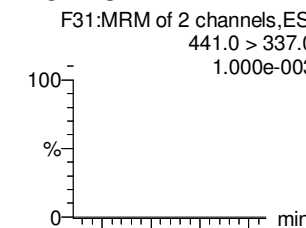
PFEChS



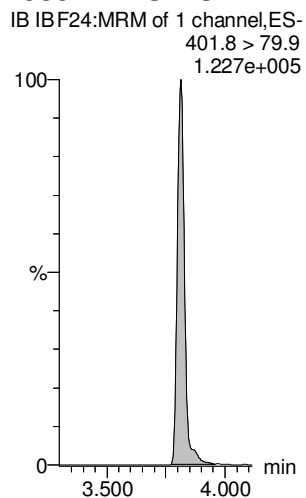
PFHpS



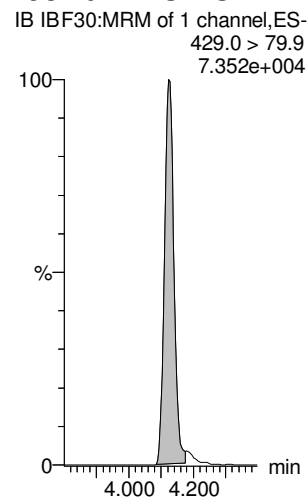
7:3 FTCA



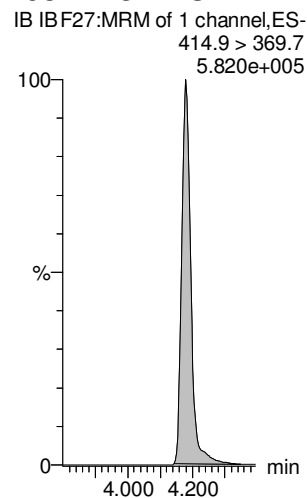
13C3-PFHxS-EIS



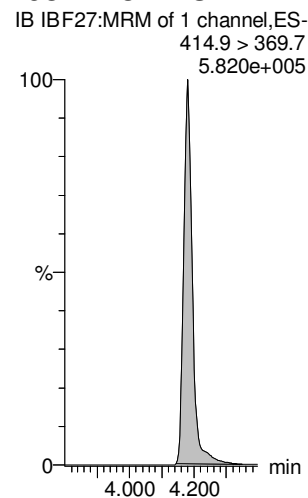
13C2-6:2 FTS-EIS



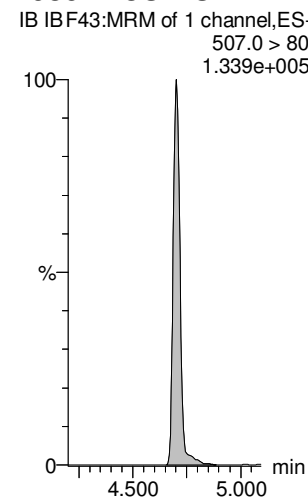
13C2-PFOA-EIS



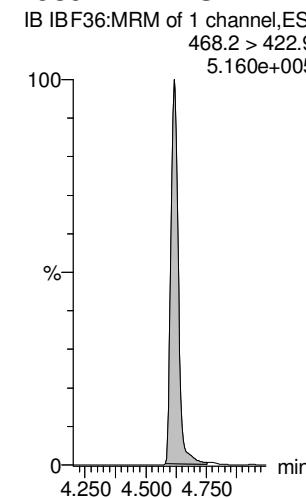
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



Dataset: Untitled

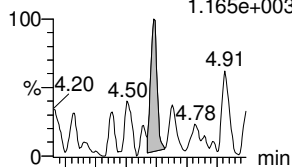
Last Altered: Wednesday, July 15, 2020 11:16:54 Pacific Daylight Time

Printed: Wednesday, July 15, 2020 11:16:58 Pacific Daylight Time

Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

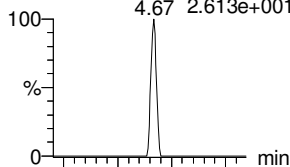
PFNA

F35:MRM of 2 channels,ES-
463.0 > 418.8
1.165e+003



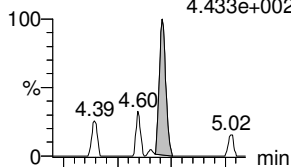
PFOSA

F38:MRM of 2 channels,ES-
498.0 > 78.0
2.613e+001



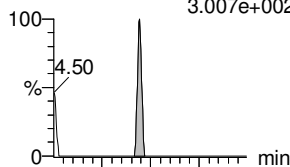
L-PFOS

F40:MRM of 2 channels,ES-
499 > 80
4.433e+002



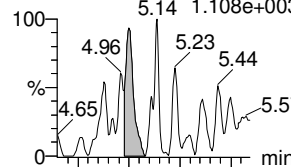
9CI-PF30NS

F52:MRM of 2 channels,ES-
531 > 351.0
3.007e+002



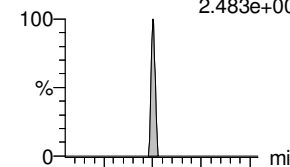
PFDA

F45:MRM of 2 channels,ES-
513 > 468.8
1.108e+003

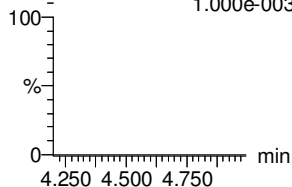


8:2 FTS

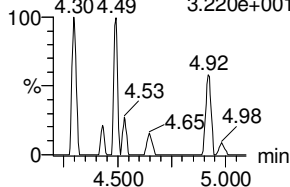
F50:MRM of 2 channels,ES-
526.9 > 507.0
2.483e+002



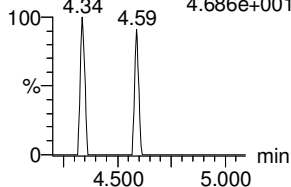
F35:MRM of 2 channels,ES-
463.0 > 219.0
1.000e-003



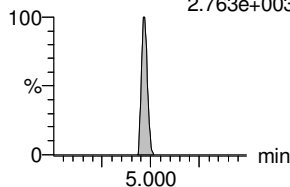
F38:MRM of 2 channels,ES-
498.0 > 169.0
3.220e+001



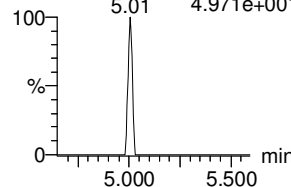
F40:MRM of 2 channels,ES-
499 > 99
4.686e+001



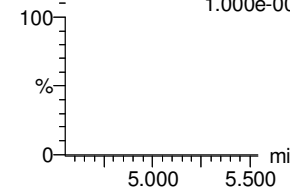
F52:MRM of 2 channels,ES-
531 > 83
2.763e+003



F45:MRM of 2 channels,ES-
513 > 219
4.971e+001

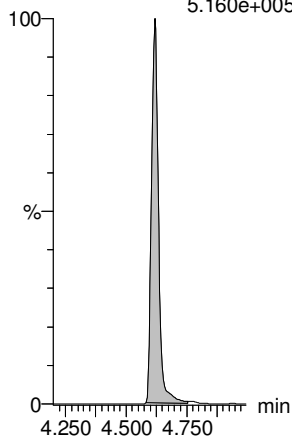


F50:MRM of 2 channels,ES-
526.9 > 80.9
1.000e-003



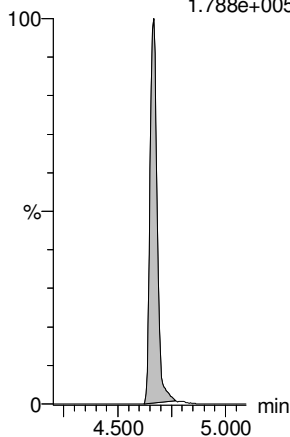
13C5-PFNA-EIS

IB IBF36:MRM of 1 channel,ES-
468.2 > 422.9
5.160e+005



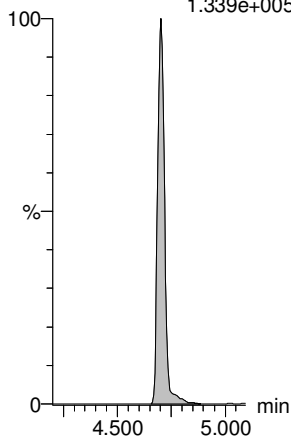
13C8-PFOSA-EIS

IB IBF42:MRM of 1 channel,ES-
506. > 78
1.788e+005



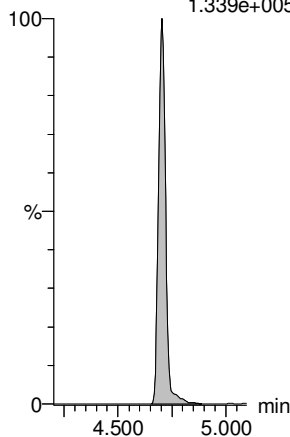
13C8-PFOS-EIS

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.339e+005



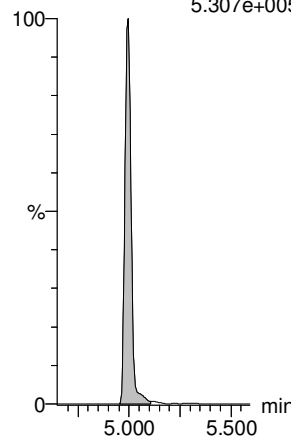
13C8-PFOS-EIS

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.339e+005



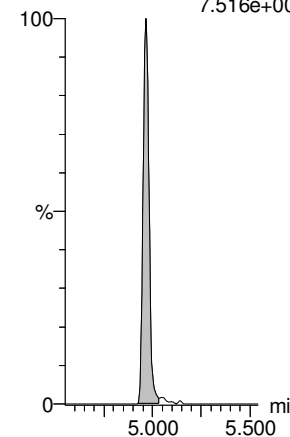
13C2-PFDA-EIS

IB IBF46:MRM of 1 channel,ES-
515.1 > 469.9
5.307e+005



13C2-8:2 FTS-EIS

IB IBF51:MRM of 1 channel,ES-
528.9 > 79.9
7.516e+004



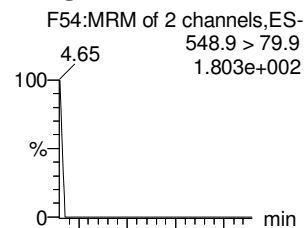
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Last Altered: Wednesday, July 15, 2020 11:16:54 Pacific Daylight Time

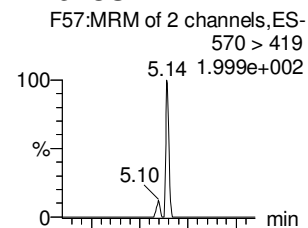
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Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

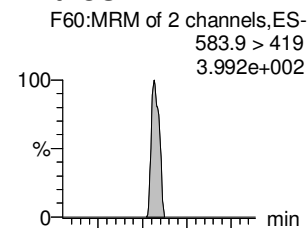
PFNS



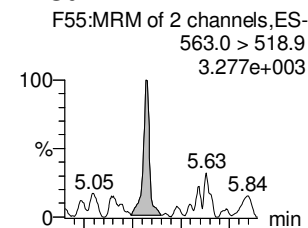
L-MeFOSAA



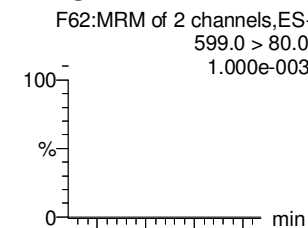
L-EtFOSAA



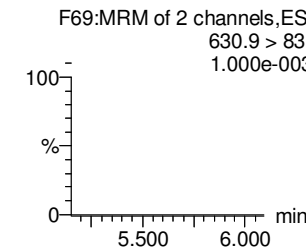
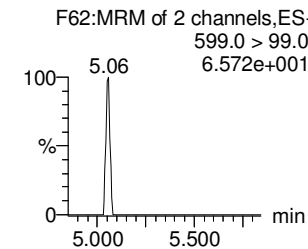
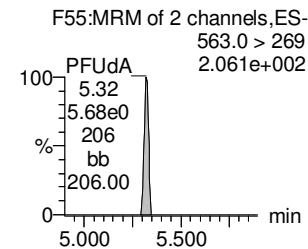
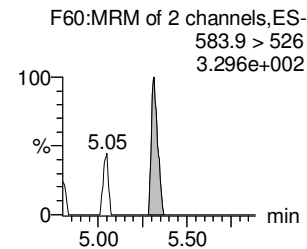
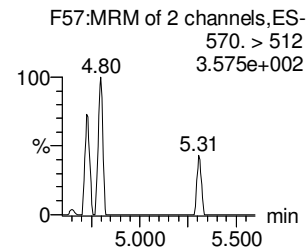
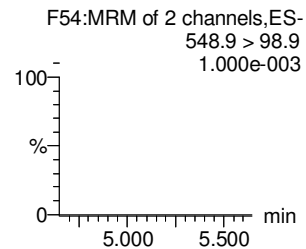
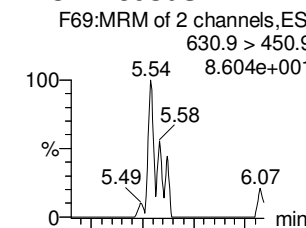
PFUdA



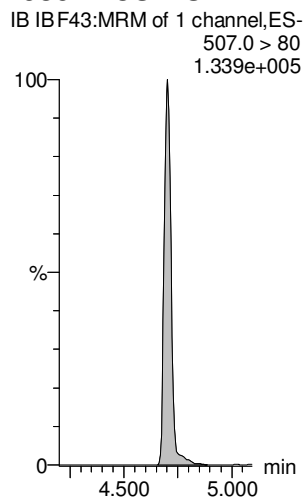
PFDS



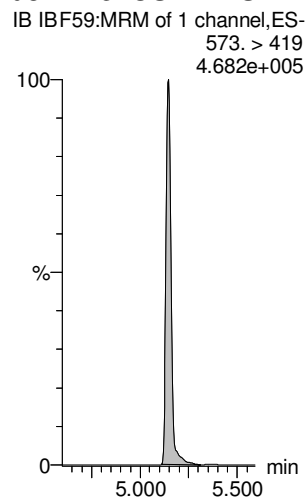
11Cl-PF30UdS



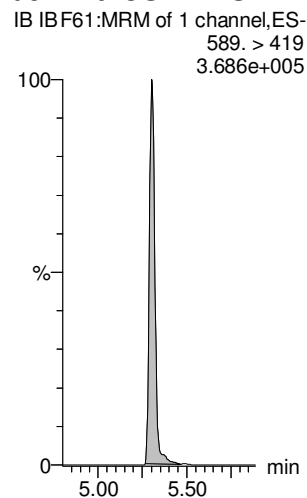
13C8-PFOS-EIS



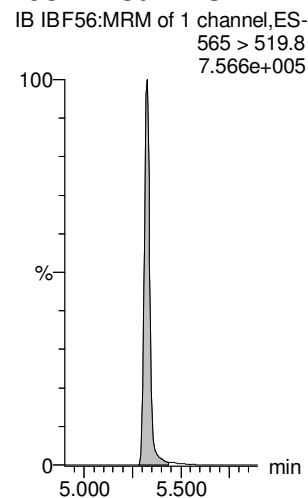
d3-N-MeFOSAA-EIS



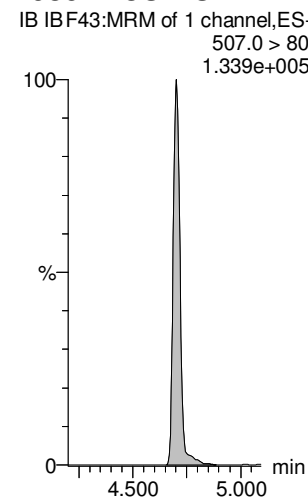
d5-N-EtFOSAA-EIS



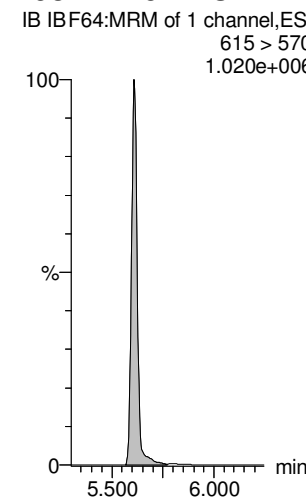
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: Untitled

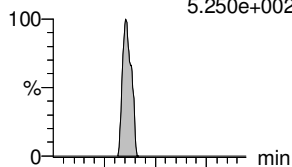
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Printed: Wednesday, July 15, 2020 11:16:58 Pacific Daylight Time

Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

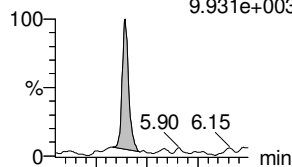
10:2 FTS

F67:MRM of 2 channels,ES-
626.9 > 607
5.250e+002



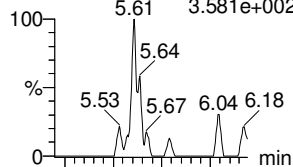
PFDaA

F63:MRM of 2 channels,ES-
612.9 > 569.0
9.931e+003



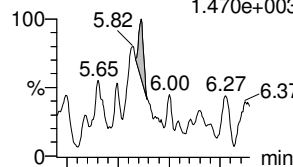
N-MeFOSA

F44:MRM of 2 channels,ES-
512.1 > 168.9
3.581e+002



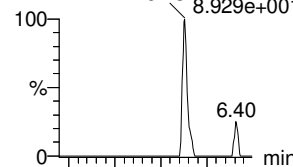
PFTrDA

F72:MRM of 2 channels,ES-
662.9 > 618.9
1.470e+003



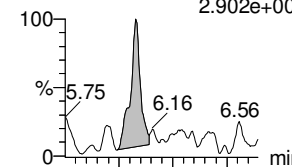
PFDoS

F73:MRM of 2 channels,ES-
698.9 > 80
8.929e+001

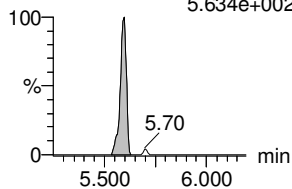


PFTeDA

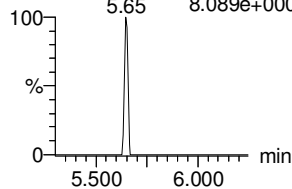
F74:MRM of 2 channels,ES-
713.0 > 669.0
2.902e+003



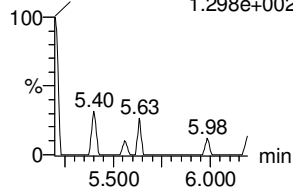
F67:MRM of 2 channels,ES-
626.9 > 81
5.634e+002



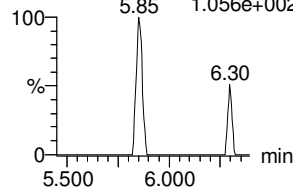
F63:MRM of 2 channels,ES-
612.9 > 318.8
8.089e+000



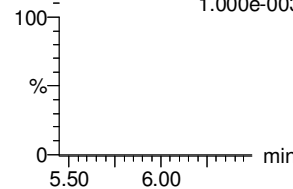
F44:MRM of 2 channels,ES-
512.1 > 219
1.298e+002



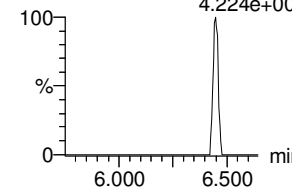
F72:MRM of 2 channels,ES-
662.9 > 319
1.056e+002



F73:MRM of 2 channels,ES-
698.9 > 99
1.000e-003

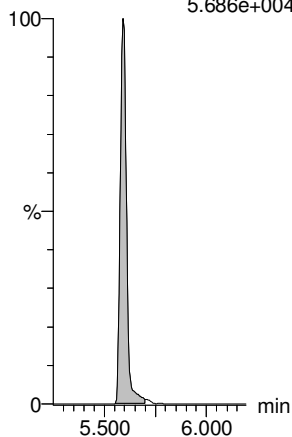


F74:MRM of 2 channels,ES-
713.0 > 369.0
4.224e+001



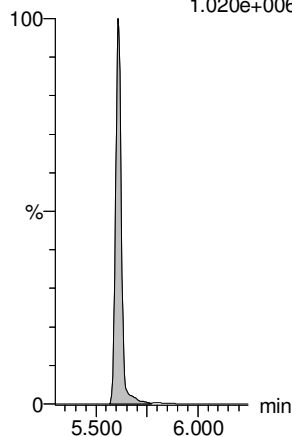
13C2-10:2 FTS-EIS

IB IBF70:MRM of 1 channel,ES-
633 > 79.9
5.686e+004



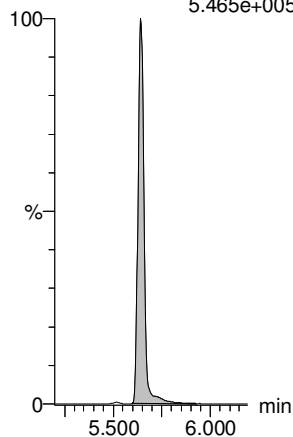
13C2-PFDaA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
1.020e+006



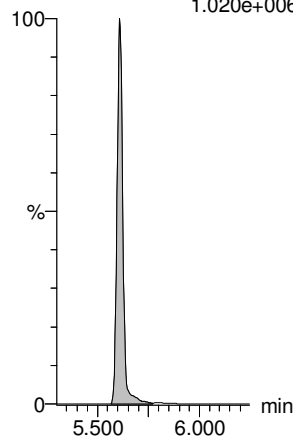
d3-N-MeFOSA-EIS

IB IBF47:MRM of 1 channel,ES-
515.2 > 168.9
5.465e+005



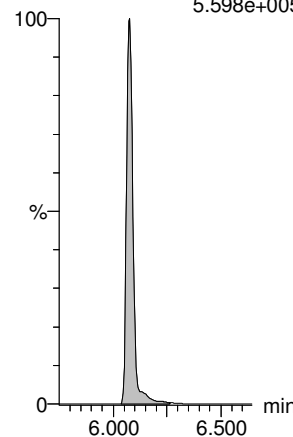
13C2-PFTeDA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
1.020e+006



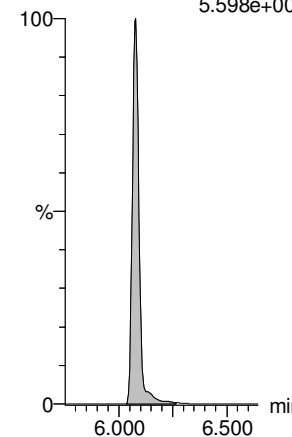
13C2-PFTeDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.598e+005



13C2-PFTeDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.598e+005



Dataset: Untitled

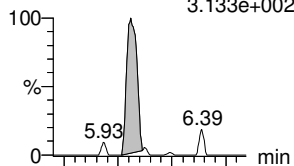
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Printed: Wednesday, July 15, 2020 11:16:58 Pacific Daylight Time

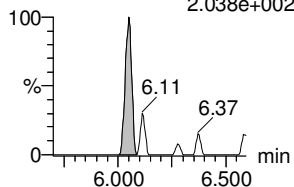
Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

N-EtFOSA

F49:MRM of 2 channels,ES-
526.1 > 168.9
3.133e+002

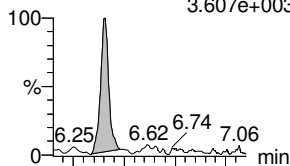


F49:MRM of 2 channels,ES-
526.1 > 219
2.038e+002

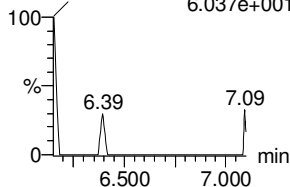


PFHxDA

F76:MRM of 2 channels,ES-
813.1 > 768.6
3.607e+003

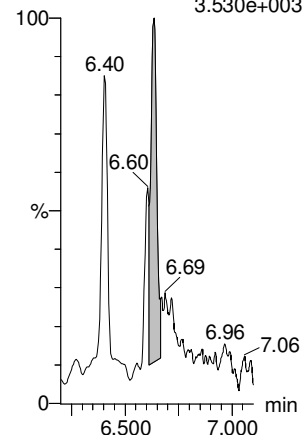


F76:MRM of 2 channels,ES-
813.1 > 219
6.037e+001



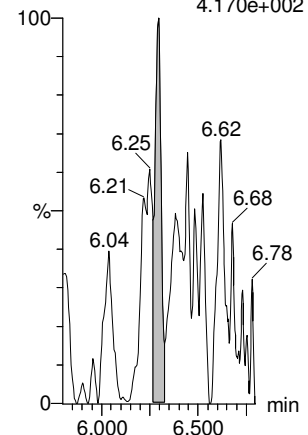
PFODA

IB IBF78:MRM of 1 channel,ES-
913 > 869
3.530e+003



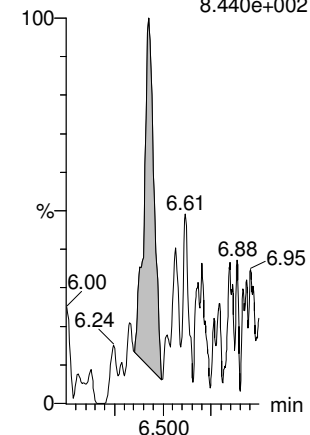
N-MeFOSE

IB IBF65:MRM of 1 channel,ES-
616.1 > 58.9
4.170e+002



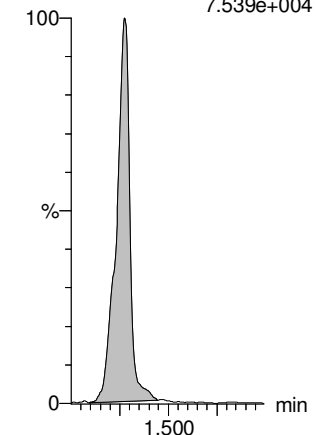
N-EtFOSE

IB IBF68:MRM of 1 channel,ES-
630.1 > 58.9
8.440e+002



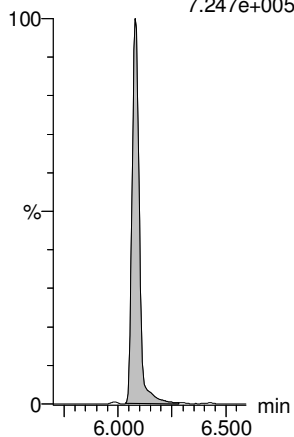
13C3-PFBA-RSD

IB IB F3:MRM of 1 channel,ES-
216.1 > 171.8
7.539e+004



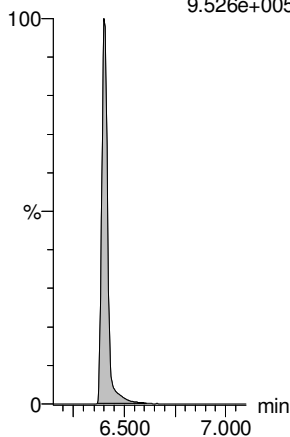
d5-N-ETFOSA-EIS

IB IBF53:MRM of 1 channel,ES-
531.1 > 168.9
7.247e+005



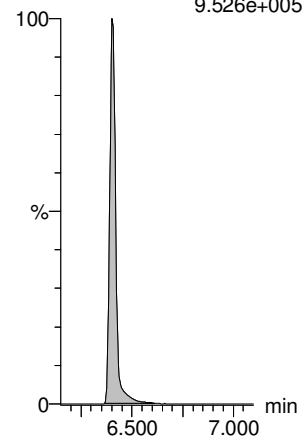
13C2-PFHxDA-EIS

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
9.526e+005



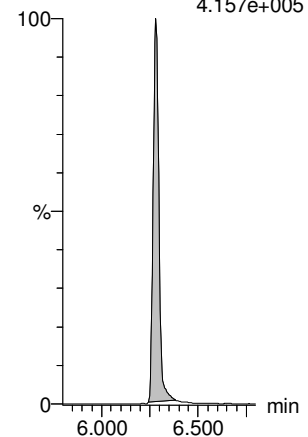
13C2-PFHxDA-EIS

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
9.526e+005



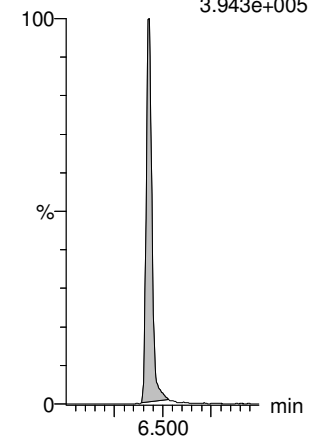
d7-N-MeFOSE-EIS

IB IBF66:MRM of 1 channel,ES-
623.1 > 58.9
4.157e+005



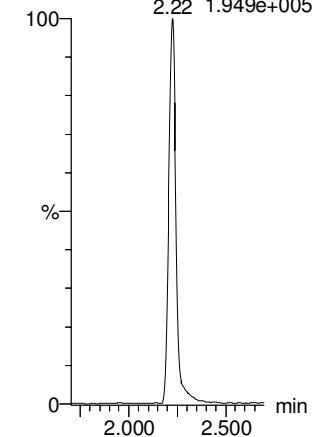
d9-N-EtFOSE-EIS

IB IBF71:MRM of 1 channel,ES-
639.2 > 58.8
3.943e+005



13C3-PFPeA-RSD

IB IB F8:MRM of 1 channel,ES-
266.0 > 221.8
1.949e+005



Dataset: Untitled

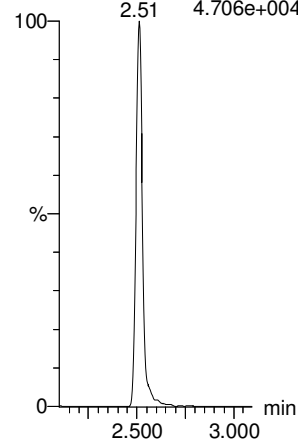
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Printed: Wednesday, July 15, 2020 11:16:58 Pacific Daylight Time

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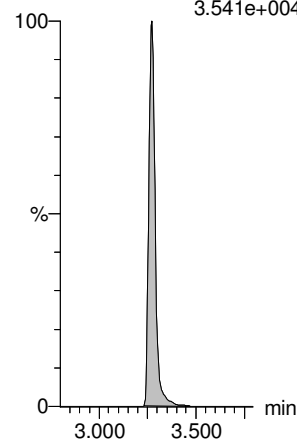
13C3-PFBS-RSD

IB IBF12:MRM of 1 channel,ES-
302.0 > 99
4.706e+004



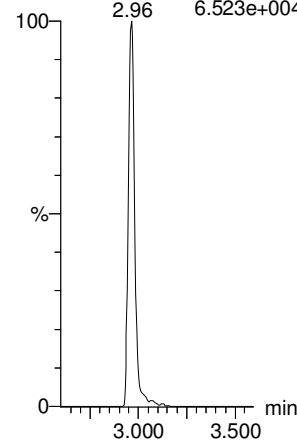
13C3-HFPO-DA-RSD

IB IBF10:MRM of 1 channel,ES-
287.0 > 168.9
3.541e+004



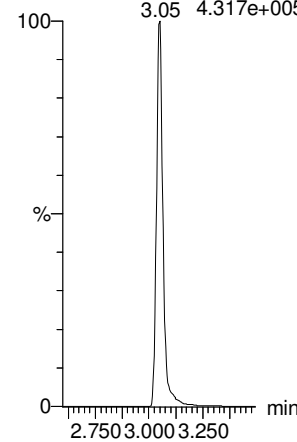
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.523e+004



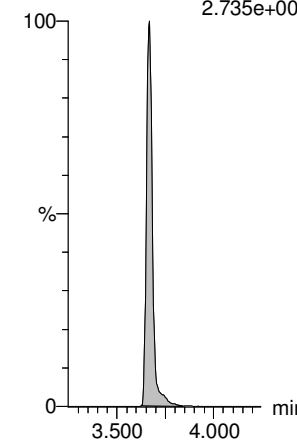
13C2-PFHxA-RSD

IB IBF14:MRM of 1 channel,ES-
315.0 > 270.0
4.317e+005



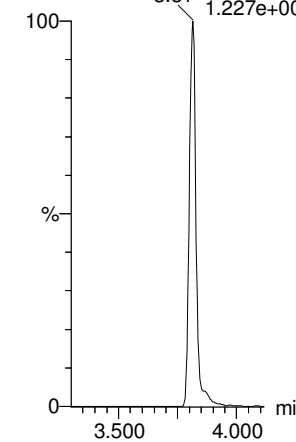
13C4-PFHpA-RSD

IB IBF21:MRM of 1 channel,ES-
367.2 > 321.8
2.735e+005



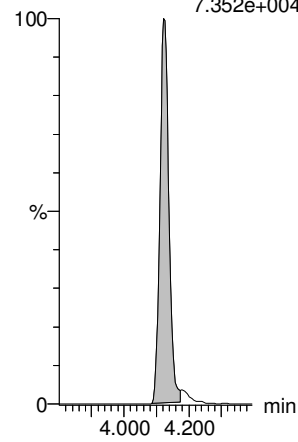
13C3-PFHxS-RSD

IB IBF24:MRM of 1 channel,ES-
401.8 > 79.9
1.227e+005



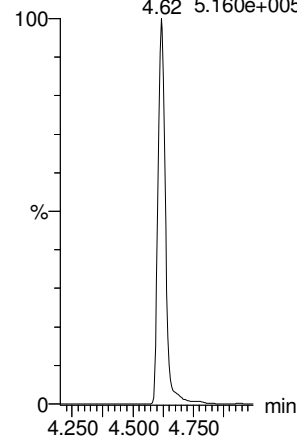
13C2-6:2 FTS-RSD

IB IBF30:MRM of 1 channel,ES-
429.0 > 79.9
7.352e+004



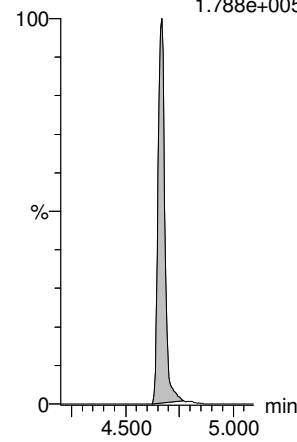
13C5-PFNA-RSD

IB IBF36:MRM of 1 channel,ES-
468.2 > 422.9
5.160e+005



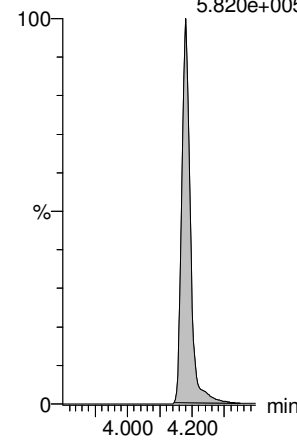
13C8-PFOA-RSD

IB IBF42:MRM of 1 channel,ES-
506. > 78
1.788e+005



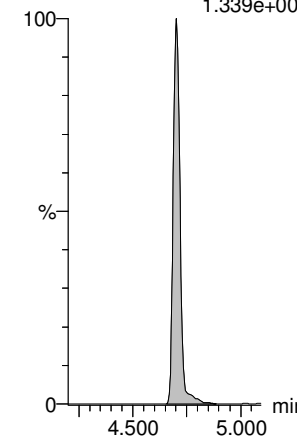
13C2-PFOA-RSD

IB IBF27:MRM of 1 channel,ES-
414.9 > 369.7
5.820e+005



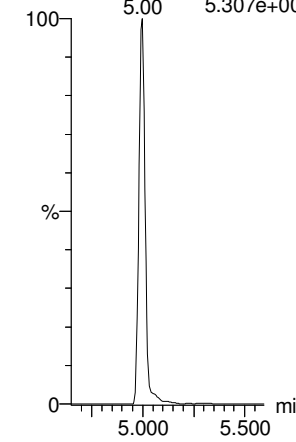
13C8-PFOS-RSD

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.339e+005



13C2-PFDA-RSD

IB IBF46:MRM of 1 channel,ES-
515.1 > 469.9
5.307e+005



Dataset: Untitled

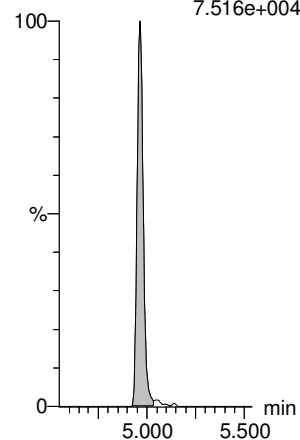
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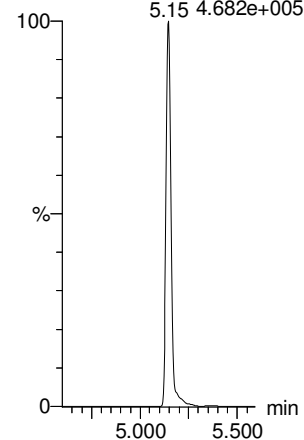
13C2-8:2 FTS-RSD

IB IBF51:MRM of 1 channel,ES-
528.9 > 79.9
7.516e+004



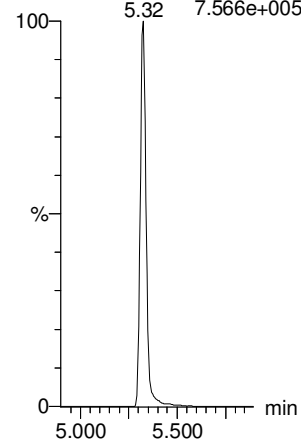
d3-N-MeFOSAA-RSD

IB IBF59:MRM of 1 channel,ES-
573. > 419
4.682e+005



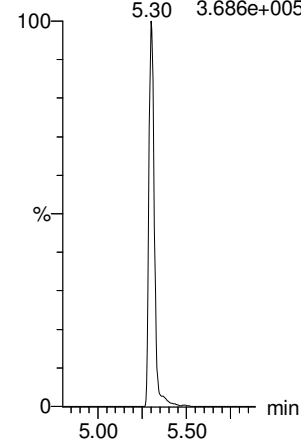
13C2-PFUdA-RSD

IB IBF56:MRM of 1 channel,ES-
565 > 519.8
7.566e+005



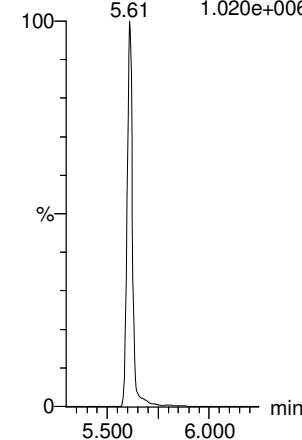
d5-N-EtFOSAA-RSD

IB IBF61:MRM of 1 channel,ES-
589. > 419
3.686e+005



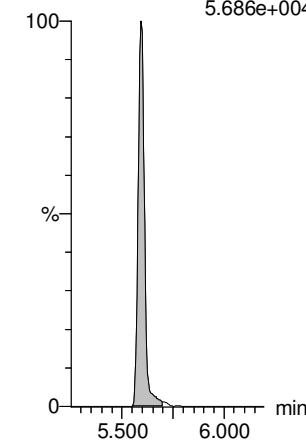
13C2-PFDoA-RSD

IB IBF64:MRM of 1 channel,ES-
615 > 570
1.020e+006



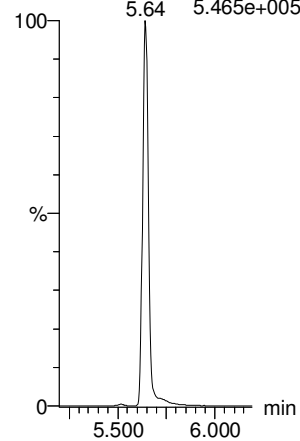
13C2-10:2 FTS-RSD

IB IBF70:MRM of 1 channel,ES-
633 > 79.9
5.686e+004



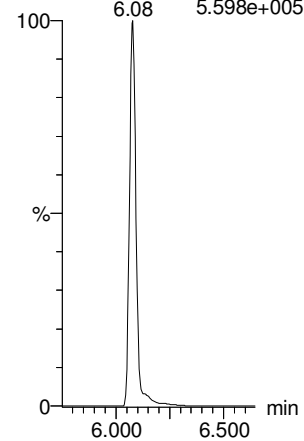
d3-N-MeFOSA-RSD

IB IBF47:MRM of 1 channel,ES-
515.2 > 168.9
5.465e+005



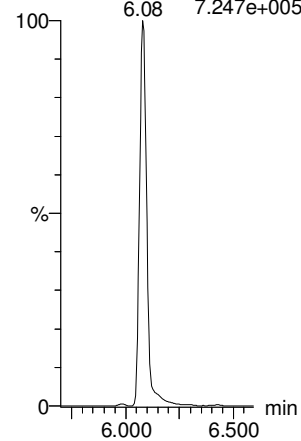
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.598e+005



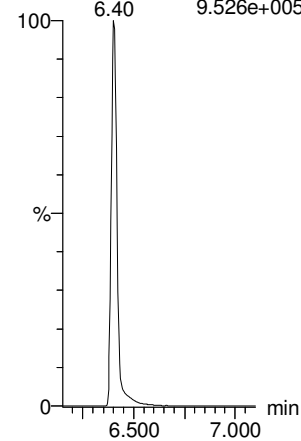
d5-N-ETFOSA-RSD

IB IBF53:MRM of 1 channel,ES-
531.1 > 168.9
7.247e+005



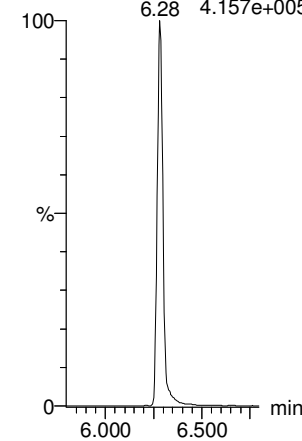
13C2-PFHxDA-RSD

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
9.526e+005



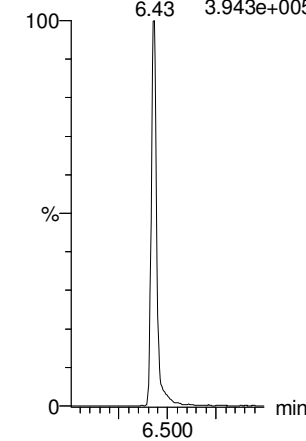
d7-N-MeFOSE-RSD

IB IBF66:MRM of 1 channel,ES-
623.1 > 58.9
4.157e+005



d9-N-EtFOSE-RSD

IB IBF71:MRM of 1 channel,ES-
639.2 > 58.8
3.943e+005



Dataset: Untitled

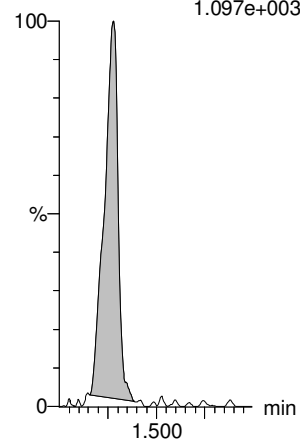
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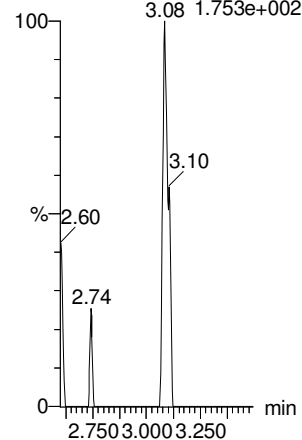
13C4-PFBA

IB IB F4:MRM of 1 channel,ES-
217.0 > 172.0
1.097e+003



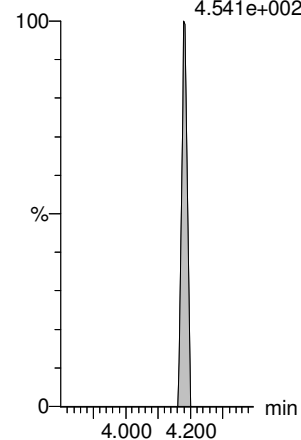
13C5-PFHxA

IB IB F15:MRM of 1 channel,ES-
318.0 > 272.9
1.753e+002



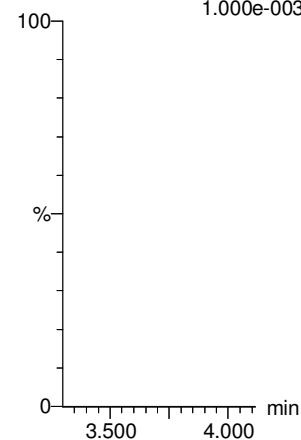
13C8-PFOA

IB IB F28:MRM of 1 channel,ES-
420.9 > 376.0
4.541e+002



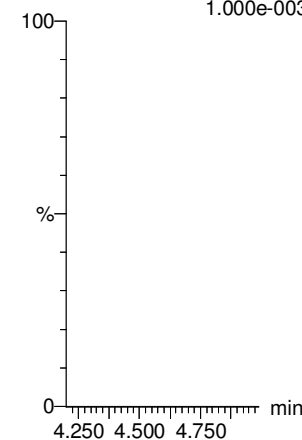
18O2-PFHxS

IB IB F25:MRM of 1 channel,ES-
-
403.0 > 103.0
1.000e-003



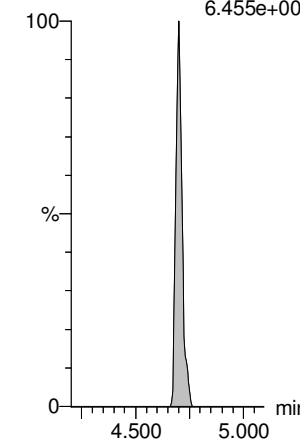
13C9-PFNA

IB IB F37:MRM of 1 channel,ES-
-
472.2 > 426.9
1.000e-003



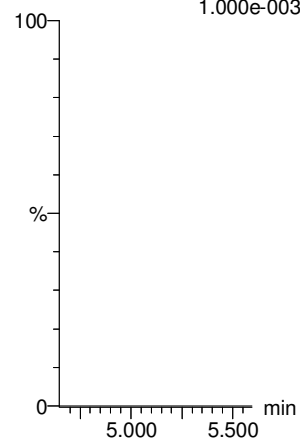
13C4-PFOS

IB IB F41:MRM of 1 channel,ES-
503 > 80.0
6.455e+002



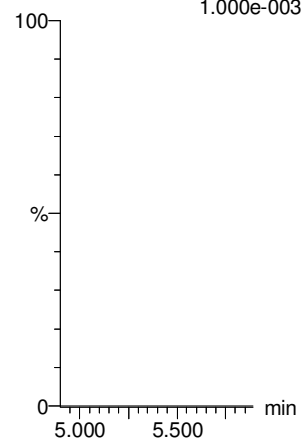
13C6-PFDA

IB IB F48:MRM of 1 channel,ES-
-
519.1 > 473.7
1.000e-003



13C7-PFUdA

IB IB F58:MRM of 1 channel,ES-
-
570.1 > 524.8
1.000e-003



Dataset: Untitled

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Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	5.794	5950.318	1.00	1.63	0.012		0.0435		NO		
2	2 PFPrS	248.9 > 79.9		1765.250	1.00						NO		
3	3 3:3 FTCA	241.1 > 177.0		7917.305	1.00						NO		
4	4 PFPeA	263.1 > 218.9	7.672	7917.305	1.00	2.05	0.012		0.00257		NO		
5	5 PFBS	299.0 > 79.7		1765.250	1.00						NO		
6	6 4:2 FTS	327.0 > 306.9	5.314	2448.580	1.00	3.00	0.027		0.0954		NO	0.273	YES
7	47 13C3-PFBA-EIS	216.1 > 171.8	5950.318		1.00	1.28	5950.318	12.500	13.4	107.1	NO		
8	51 13C3-PFBS-EIS	302.0 > 99	1765.250		1.00	2.51	1765.250	12.500	13.9	111.0	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8	7917.305		1.00	2.22	7917.305	12.500	13.3	106.3	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8	7917.305		1.00	2.22	7917.305	12.500	13.3	106.3	NO		
11	51 13C3-PFBS-EIS	302.0 > 99	1765.250		1.00	2.51	1765.250	12.500	13.9	111.0	NO		
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9	2448.580		1.00	2.96	2448.580	12.500	11.4	91.4	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0	103.121	14306.351	1.00	3.01	0.090				NO		
15	8 PFPeS	349.0 > 80.0		1765.250	1.00						NO		
16	9 HFPO-DA	285.1 > 168.9		1297.422	1.00						NO		
17	10 5:3 FTCA	340.9 > 236.9		9400.164	1.00						NO		
18	11 PFHpA	363.0 > 318.9	42.176	9400.164	1.00	3.82	0.056		0.0112		NO		
19	12 ADONA	376.8 > 250.9		9400.164	1.00						NO		
20	57 13C2-PFHxA-EIS	315.0 > 270.0	14306.351		1.00	3.05	14306.351	12.500	12.4	99.2	NO		
21	51 13C3-PFBS-EIS	302.0 > 99	1765.250		1.00	2.51	1765.250	12.500	13.9	111.0	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	1297.422		1.00	3.27	1297.422	12.500	12.8	102.7	NO		
23	59 13C4-PFHpA-EIS	367.2 > 321.8	9400.164		1.00	3.67	9400.164	12.500	13.7	109.5	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8	9400.164		1.00	3.67	9400.164	12.500	13.7	109.5	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8	9400.164		1.00	3.67	9400.164	12.500	13.7	109.5	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0		4169.069	1.00						NO		
28	15 6:2 FTS	427 > 407.0		2393.729	1.00						NO		
29	16 L-PFOA	412.8 > 368.9	55.877	18489.316	1.00	4.17	0.038				NO	7.730	YES
30	18 PFecHS	460.8 > 381.0		18489.316	1.00						NO		
31	19 PFHpS	448.9 > 80.0		4986.125	1.00						NO		
32	20 7:3 FTCA	441.0 > 337.0		18038.891	1.00						NO		
33	61 13C3-PFHxS-EIS	401.8 > 79.9	4169.069		1.00	3.81	4169.069	12.500	13.1	104.5	NO		
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9	2393.729		1.00	4.12	2393.729	12.500	12.6	100.8	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7	18489.316		1.00	4.18	18489.316	12.500	13.3	106.1	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7	18489.316		1.00	4.18	18489.316	12.500	13.3	106.1	NO		

Dataset: Untitled

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Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	4986.125		1.00	4.70	4986.125	12.500	13.8	110.5	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	18038.891		1.00	4.62	18038.891	12.500	12.7	101.8	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	36.039	18038.891	1.00	4.61	0.025		0.00445		NO		
41	22 PFOSA	498.0 > 78.0		6678.667	1.00						NO		
42	23 L-PFOS	499 > 80	14.949	4986.125	1.00	4.71	0.037		0.0409		NO		
43	25 9CI-PF30NS	531 > 351.0	8.008	4986.125	1.00	4.94	0.020				NO	0.083	YES
44	26 PFDA	513 > 468.8	45.941	18495.654	1.00	5.00	0.031				NO		
45	27 8:2 FTS	526.9 > 507.0	6.147	2639.643	1.00	5.00	0.029		0.0701		NO		
46	65 13C5-PFNA-EIS	468.2 > 422.9	18038.891		1.00	4.62	18038.891	12.500	12.7	101.8	NO		
47	67 13C8-PFOSA-EIS	506. > 78	6678.667		1.00	4.67	6678.667	12.500	12.8	102.5	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	4986.125		1.00	4.70	4986.125	12.500	13.8	110.5	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	4986.125		1.00	4.70	4986.125	12.500	13.8	110.5	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	18495.654		1.00	5.00	18495.654	12.500	13.7	109.6	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2639.643		1.00	4.96	2639.643	12.500	14.1	112.8	NO		
52	-1												
53	28 PFNS	548.9 > 79.9		4986.125	1.00						NO		
54	29 L-MeFOSAA	570 > 419		13878.084	1.00						NO		
55	31 L-EtFOSAA	583.9 > 419	20.498	12899.690	1.00	5.32	0.020		0.109		NO	1.548	NO
56	33 PFUdA	563.0 > 518.9	124.049	26328.637	1.00	5.32	0.059		0.0531		NO	21.847	YES
57	34 PFDS	599.0 > 80.0		4986.125	1.00						NO		
58	35 11CI-PF30UdS	630.9 > 450.9		32547.236	1.00						NO		
59	73 13C8-PFOS-EIS	507.0 > 80	4986.125		1.00	4.70	4986.125	12.500	13.8	110.5	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	13878.084		1.00	5.15	13878.084	12.500	13.5	108.4	NO		
61	83 d5-N-EtFOSAA-EIS	589. > 419	12899.690		1.00	5.30	12899.690	12.500	13.4	107.0	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	26328.637		1.00	5.32	26328.637	12.500	13.2	105.6	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	4986.125		1.00	4.70	4986.125	12.500	13.8	110.5	NO		
64	85 13C2-PFDoA-EIS	615 > 570	32547.236		1.00	5.61	32547.236	12.500	14.7	117.7	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	25.877	1959.913	1.00	5.61	0.165		0.0674		NO	1.350	NO
67	37 PFDoA	612.9 > 569.0	340.449	32547.236	1.00	5.64	0.131		0.00728		NO		
68	38 N-MeFOSA	512.1 > 168.9		19163.627	1.00						NO		
69	39 PFTTrDA	662.9 > 618.9	17.726	32547.236	1.00	5.86	0.007				NO		
70	40 PFDoS	698.9 > 80		20007.096	1.00						NO		
71	41 PFTeDA	713.0 > 669.0	142.886	20007.096	1.00	6.08	0.089		0.105		NO		
72	87 13C2-10:2 FTS-EIS	633 > 79.9	1959.913		1.00	5.59	1959.913	12.500	13.0	103.7	NO		

Dataset: Untitled

Last Altered: Wednesday, July 15, 2020 11:16:54 Pacific Daylight Time

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Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFDoA-EIS	615 > 570	32547.236		1.00	5.61	32547.236	12.500	14.7	117.7	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	19163.627		1.00	5.64	19163.627	149.200	137	91.9	NO		
75	85 13C2-PFDoA-EIS	615 > 570	32547.236		1.00	5.61	32547.236	12.500	14.7	117.7	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	20007.096		1.00	6.08	20007.096	12.500	13.0	104.2	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	20007.096		1.00	6.08	20007.096	12.500	13.0	104.2	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	16.821	27612.697	1.00	6.06	0.091	0.0463			NO	2.383	YES
80	43 PFHxDA	813.1 > 768.6	161.239	31412.145	1.00	6.41	0.064				NO		
81	44 PFODA	913 > 869	99.039	31412.145	1.00	6.63	0.039	0.0132			NO		
82	45 N-MeFOSE	616.1 > 58.9	15.149	13675.430	1.00	6.30	0.165	0.258			NO		
83	46 N-EtFOSE	630.1 > 58.9	44.107	13082.985	1.00	6.43	0.503	0.397			NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	5956.590	85.362	1.00	1.28	872.254	12.500	1250	10004.1	YES		
85	93 d5-N-ETFOSE-EIS	531.1 > 168.9	27612.697		1.00	6.08	27612.697	149.200	148	99.4	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	31412.145		1.00	6.40	31412.145	12.500	13.8	110.7	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	31412.145		1.00	6.40	31412.145	12.500	13.8	110.7	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	13675.430		1.00	6.28	13675.430	149.200	143	95.6	NO		
89	99 d9-N-EtFOSE-EIS	639.2 > 58.8	13082.985		1.00	6.43	13082.985	149.200	134	89.8	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99			1.00			12.500			NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	1297.422		1.00	3.27		12.500			NO		
94	56 13C2-4:2 FTS-RSD	329.0 > 79.9			1.00			12.500			NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	9400.164		1.00	3.67		12.500			NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9			1.00			12.500			NO		
98	64 13C2-6:2 FTS-RSD	429.0 > 79.9	2393.729	21.043	1.00	4.12	1421.927	12.500	2620	20958.9	YES		
99	66 13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68 13C8-PFOA-RSD	506. > 78	6678.667		1.00	4.67		12.500			NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	18489.316	8.964	1.00	4.18	25782.737	12.500	37700	30185...	YES		
102	74 13C8-PFOS-RSD	507.0 > 80	4986.125	21.043	1.00	4.70	2961.867	12.500	2950	23633.3	YES		
103	76 13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1												
105	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2639.643	21.043	1.00	4.96	1568.005	12.500	2680	21401.6	YES		
106	80 d3-N-MeFOSAA-RSD	573. > 419			1.00			12.500			NO		
107	82 13C2-PFUdA-RSD	565 > 519.8			1.00			12.500			NO		
108	84 d5-N-EtFOSAA-RSD	589. > 419			1.00			12.500			NO		

Dataset: Untitled

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Name: 200714M1_13, Date: 14-Jul-2020, Time: 17:14:41, ID: IB, Description: IB

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86 13C2-PFDoA-RSD	615 > 570			1.00			12.500					
110	88 13C2-10:2 FTS-RSD	633 > 79.9	1959.913	21.043	1.00	5.59	1164.231	12.500	2700	21604.9	YES		
111	90 d3-N-MeFOSA-RSD	515.2 > 168.9			1.00			149.200			NO		
112	92 13C2-PFTeDA-RSD	715.1 > 669.7			1.00			12.500			NO		
113	94 d5-N-ETFOSA-RSD	531.1 > 168.9			1.00			149.200			NO		
114	96 13C2-PFHxDA-RSD	815 > 769.7			1.00			12.500			NO		
115	98 d7-N-MeFOSE-RSD	623.1 > 58.9			1.00			149.200			NO		
116	1... d9-N-EtFOSE-RSD	639.2 > 58.8			1.00			149.200			NO		
117	-1												
118	1... 13C4-PFBA	217.0 > 172.0	85.362	85.362	1.00	1.28	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1... 13C8-PFOA	420.9 > 376.0	8.964	8.964	1.00	4.18	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0			1.00			12.500			NO		
122	1... 13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
123	1... 13C4-PFOS	503 > 80.0	21.043	21.043	1.00	4.70	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1... 13C7-PFUdA	570.1 > 524.8			1.00			12.500			NO		

High Point
 3:3 FTCA 100.000
 5:3 FTCA 100.000
 7:3 FTCA 100.000

Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 16 Jul 2020 10:04:09
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Compound name: PFBA

Coefficient of Determination: R² = 0.999414
 Calibration curve: -0.000219776 * x² + 1.41147 * x + -0.0996353
 Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

✓opv 07/16/20

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	1.29	92.451	3810.528	0.303	0.3	14.2	NO	0.999	NO	MM
2	2 200715M1_4	Standard	0.500	1.29	188.105	3981.092	0.591	0.5	-2.2	NO	0.999	NO	bb
3	3 200715M1_5	Standard	1.000	1.29	333.972	3826.575	1.091	0.8	-15.6	NO	0.999	NO	bb
4	4 200715M1_6	Standard	2.000	1.28	814.696	3696.284	2.755	2.0	1.2	NO	0.999	NO	bb
5	5 200715M1_7	Standard	5.000	1.28	2307.840	4106.928	7.024	5.1	1.0	NO	0.999	NO	MM
6	6 200715M1_8	Standard	10.000	1.28	4799.399	4351.292	13.787	9.9	-1.5	NO	0.999	NO	bb
7	7 200715M1_9	Standard	50.000	1.28	22098.471	3913.667	70.581	50.5	0.9	NO	0.999	NO	MM
8	8 200715M1_10	Standard	100.000	1.28	44046.480	3794.782	145.089	104.6	4.6	NO	0.999	NO	MM
9	9 200715M1_11	Standard	250.000	1.28	117311.885	4464.819	328.434	241.9	-3.3	NO	0.999	NO	MM
10	10 200715M1_12	Standard	500.000	1.28	224156.969	4279.891	654.681	503.3	0.7	NO	0.999	NO	MM

Compound name: PFPs

Coefficient of Determination: R² = 0.999781
 Calibration curve: 0.000369777 * x² + 1.45632 * x + -0.0740526
 Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	1.61	40.200	1588.639	0.316	0.3	7.2	NO	1.000	NO	MM
2	2 200715M1_4	Standard	0.500	1.61	81.070	1578.119	0.642	0.5	-1.7	NO	1.000	NO	MM
3	3 200715M1_5	Standard	1.000	1.62	165.011	1537.663	1.341	1.0	-2.8	NO	1.000	NO	MM
4	4 200715M1_6	Standard	2.000	1.61	349.529	1597.334	2.735	1.9	-3.6	NO	1.000	NO	MM
5	5 200715M1_7	Standard	5.000	1.61	955.125	1674.115	7.132	4.9	-1.2	NO	1.000	NO	bb
6	6 200715M1_8	Standard	10.000	1.61	1958.269	1658.911	14.756	10.2	1.6	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	1.61	9788.313	1610.910	75.953	51.5	3.1	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	1.61	19173.924	1666.353	143.831	96.5	-3.5	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	1.61	48982.309	1563.281	391.663	252.8	1.1	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	1.61	98021.156	1495.844	819.112	499.2	-0.2	NO	1.000	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

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Compound name: 3:3 FTCA

Coefficient of Determination: R² = 0.996771

Calibration curve: $-6.31115e-005 * x^2 + 0.061407 * x + -0.00873109$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	2.09	6.453	7262.500	0.011	0.3	29.3	NO	0.997	NO	bb
2	2 200715M1_4	Standard	0.500	2.09	10.944	7574.775	0.018	0.4	-12.7	NO	0.997	NO	MM
3	3 200715M1_5	Standard	1.000	2.09	32.124	7375.006	0.054	1.0	3.0	NO	0.997	NO	bb
4	4 200715M1_6	Standard	2.000	2.09	72.392	7762.324	0.117	2.0	2.2	NO	0.997	NO	bb
5	5 200715M1_7	Standard	5.000	2.09	155.826	8374.615	0.233	3.9	-21.1	NO	0.997	NO	MM
6	6 200715M1_8	Standard	10.000	2.09	357.812	7877.926	0.568	9.5	-5.2	NO	0.997	NO	MM
7	7 200715M1_9	Standard	50.000	2.09	1833.753	7462.058	3.072	53.1	6.1	NO	0.997	NO	MM
8	8 200715M1_10	Standard	100.000	2.09	3301.125	7608.884	5.423	98.4	-1.6	NO	0.997	NO	MM
9	9 200715M1_11	Standard	250.000	2.09	1939.335	7708.376	3.145	54.4	-78.2	YES	0.997	NO	MMX
10	10 200715M1_12	Standard	500.000	2.09	3590.215	7581.056	5.920	108.7	-78.3	YES	0.997	NO	MMX

Compound name: PFPeA

Coefficient of Determination: R² = 0.999919

Calibration curve: $-0.00016367 * x^2 + 0.951322 * x + -0.00596755$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	2.22	135.715	7262.500	0.234	0.3	0.7	NO	1.000	NO	bb
2	2 200715M1_4	Standard	0.500	2.23	272.890	7574.775	0.450	0.5	-4.1	NO	1.000	NO	bb
3	3 200715M1_5	Standard	1.000	2.23	552.424	7375.006	0.936	1.0	-0.9	NO	1.000	NO	bb
4	4 200715M1_6	Standard	2.000	2.23	1198.578	7762.324	1.930	2.0	1.8	NO	1.000	NO	bb
5	5 200715M1_7	Standard	5.000	2.23	3125.316	8374.615	4.665	4.9	-1.7	NO	1.000	NO	MM
6	6 200715M1_8	Standard	10.000	2.23	5998.903	7877.926	9.519	10.0	0.3	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	2.23	28426.199	7462.058	47.618	50.5	1.0	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	2.23	57699.504	7608.884	94.790	101.4	1.4	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	2.23	138607.156	7708.376	224.767	246.7	-1.3	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	2.23	264333.406	7581.056	435.845	501.4	0.3	NO	1.000	NO	bb

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Compound name: PFBS

Coefficient of Determination: R² = 0.999934

Calibration curve: $-0.000135856 * x^2 + 1.96343 * x + 0.0467545$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	2.51	58.521	1588.639	0.460	0.2	-15.7	NO	1.000	NO	bb
2	2 200715M1_4	Standard	0.500	2.51	144.005	1578.119	1.141	0.6	11.4	NO	1.000	NO	bb
3	3 200715M1_5	Standard	1.000	2.52	235.876	1537.663	1.917	1.0	-4.7	NO	1.000	NO	bb
4	4 200715M1_6	Standard	2.000	2.51	518.679	1597.334	4.059	2.0	2.2	NO	1.000	NO	bb
5	5 200715M1_7	Standard	5.000	2.51	1406.523	1674.115	10.502	5.3	6.5	NO	1.000	NO	bb
6	6 200715M1_8	Standard	10.000	2.51	2616.152	1658.911	19.713	10.0	0.2	NO	1.000	NO	bb
7	7 200715M1_9	Standard	50.000	2.51	12597.687	1610.910	97.753	49.9	-0.1	NO	1.000	NO	bb
8	8 200715M1_10	Standard	100.000	2.51	26194.111	1666.353	196.493	100.8	0.8	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	2.51	59890.676	1563.281	478.886	248.1	-0.7	NO	1.000	NO	bb
10	10 200715M1_12	Standard	500.000	2.51	113597.336	1495.844	949.275	500.8	0.2	NO	1.000	NO	bb

Compound name: 4:2 FTS

Coefficient of Determination: R² = 0.999272

Calibration curve: $-0.000604122 * x^2 + 2.6055 * x + -0.0298561$

Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	2.96	111.362	2500.828	0.557	0.2	-10.0	NO	0.999	NO	bb
2	2 200715M1_4	Standard	0.500	2.96	275.730	2644.010	1.304	0.5	2.4	NO	0.999	NO	MM
3	3 200715M1_5	Standard	1.000	2.96	527.270	2578.922	2.556	1.0	-0.7	NO	0.999	NO	bb
4	4 200715M1_6	Standard	2.000	2.96	1234.484	2736.076	5.640	2.2	8.9	NO	0.999	NO	MM
5	5 200715M1_7	Standard	5.000	2.96	2941.249	3007.869	12.223	4.7	-5.8	NO	0.999	NO	bb
6	6 200715M1_8	Standard	10.000	2.96	5798.591	2813.665	25.761	9.9	-0.8	NO	0.999	NO	MM
7	7 200715M1_9	Standard	50.000	2.96	26000.586	2570.640	126.431	49.1	-1.8	NO	0.999	NO	bb
8	8 200715M1_10	Standard	100.000	2.96	50943.711	2368.017	268.915	105.8	5.8	NO	0.999	NO	MM
9	9 200715M1_11	Standard	250.000	2.96	108956.219	2286.208	595.726	242.3	-3.1	NO	0.999	NO	MM
10	10 200715M1_12	Standard	500.000	2.96	196590.594	2122.146	1157.970	503.1	0.6	NO	0.999	NO	MM

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Compound name: PFHxA

Coefficient of Determination: R² = 0.999511

Calibration curve: -0.00015243 * x² + 1.08034 * x + 0.00515069

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	3.04	279.544	13849.214	0.252	0.2	-8.5	NO	1.000	NO	bb
2	2 200715M1_4	Standard	0.500	3.05	665.299	13735.677	0.605	0.6	11.1	NO	1.000	NO	bb
3	3 200715M1_5	Standard	1.000	3.05	1207.161	13710.646	1.101	1.0	1.4	NO	1.000	NO	MM
4	4 200715M1_6	Standard	2.000	3.05	2284.912	14070.766	2.030	1.9	-6.3	NO	1.000	NO	bb
5	5 200715M1_7	Standard	5.000	3.05	6801.764	15302.237	5.556	5.1	2.8	NO	1.000	NO	bb
6	6 200715M1_8	Standard	10.000	3.05	12618.365	14254.992	11.065	10.3	2.5	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	3.05	58143.078	14194.674	51.201	47.7	-4.6	NO	1.000	NO	bb
8	8 200715M1_10	Standard	100.000	3.05	121880.008	13668.045	111.464	104.7	4.7	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	3.05	292361.063	14255.167	256.364	245.8	-1.7	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	3.05	534548.250	13273.075	503.414	501.5	0.3	NO	1.000	NO	MM

Compound name: PFPeS

Coefficient of Determination: R² = 0.999542

Calibration curve: -0.00111865 * x² + 2.31268 * x + 0.00205152

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	3.25	66.711	1508.639	0.525	0.2	-9.6	NO	1.000	NO	bb
2	2 200715M1_4	Standard	0.500	3.26	143.444	1578.119	1.136	0.5	-1.9	NO	1.000	NO	bb
3	3 200715M1_5	Standard	1.000	3.26	260.616	1537.663	2.119	0.9	-8.4	NO	1.000	NO	bb
4	4 200715M1_6	Standard	2.000	3.26	649.098	1597.334	5.080	2.2	9.9	NO	1.000	NO	bb
5	5 200715M1_7	Standard	5.000	3.26	1562.807	1674.115	11.669	5.1	1.1	NO	1.000	NO	bb
6	6 200715M1_8	Standard	10.000	3.26	3258.836	1658.911	24.556	10.7	6.7	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	3.26	15254.396	1610.910	118.368	52.5	5.0	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	3.26	29087.717	1666.353	218.199	99.1	-0.9	NO	1.000	NO	bb
9	9 200715M1_11	Standard	250.000	3.26	62240.824	1563.281	497.678	244.0	-2.4	NO	1.000	NO	bb
10	10 200715M1_12	Standard	500.000	3.26	105517.914	1495.844	881.759	504.3	0.9	NO	1.000	NO	bb

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Compound name: HFPO-DA

Coefficient of Determination: R² = 0.995991

Calibration curve: $-0.000191647 * x^2 + 0.916021 * x + -0.0340677$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	3.27	17.073	1206.299	0.177	0.2	-7.9	NO	0.996	NO	bb
2	2 200715M1_4	Standard	0.500	3.27	34.920	1234.542	0.354	0.4	-15.4	NO	0.996	NO	bb
3	3 200715M1_5	Standard	1.000	3.27	77.962	1184.322	0.823	0.9	-6.4	NO	0.996	NO	bb
4	4 200715M1_6	Standard	2.000	3.27	166.357	1105.480	1.881	2.1	4.6	NO	0.996	NO	bb
5	5 200715M1_7	Standard	5.000	3.27	449.359	1235.498	4.546	5.0	0.1	NO	0.996	NO	bb
6	6 200715M1_8	Standard	10.000	3.27	857.579	1195.115	8.970	9.8	-1.5	NO	0.996	NO	MM
7	7 200715M1_9	Standard	50.000	3.27	4393.604	1091.459	50.318	55.6	11.2	NO	0.996	NO	MM
8	8 200715M1_10	Standard	100.000	3.27	8372.830	1085.391	96.426	107.7	7.7	NO	0.996	NO	bb
9	9 200715M1_11	Standard	250.000	3.27	18008.391	1139.857	197.485	226.3	-9.5	NO	0.996	NO	bb
10	10 200715M1_12	Standard	500.000	3.27	35107.523	1049.959	417.963	510.9	2.2	NO	0.996	NO	bb

Compound name: 5:3 FTCA

Coefficient of Determination: R² = 0.999103

Calibration curve: $-0.000391658 * x^2 + 0.318331 * x + -0.0187006$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	3.60	43.696	8359.609	0.065	0.3	5.6	NO	0.999	NO	bb
2	2 200715M1_4	Standard	0.500	3.61	91.738	8266.442	0.139	0.5	-1.0	NO	0.999	NO	bb
3	3 200715M1_5	Standard	1.000	3.61	207.997	8220.309	0.316	1.1	5.4	NO	0.999	NO	bb
4	4 200715M1_6	Standard	2.000	3.61	399.713	8026.460	0.622	2.0	1.0	NO	0.999	NO	bb
5	5 200715M1_7	Standard	5.000	3.61	1021.372	8886.182	1.437	4.6	-8.0	NO	0.999	NO	bb
6	6 200715M1_8	Standard	10.000	3.61	2003.676	8478.127	2.954	9.4	-5.5	NO	0.999	NO	bb
7	7 200715M1_9	Standard	50.000	3.61	9855.767	7991.593	15.416	51.8	3.6	NO	0.999	NO	MM
8	8 200715M1_10	Standard	100.000	3.61	18432.721	8326.295	27.672	99.1	-0.9	NO	0.999	NO	MM
9	9 200715M1_11	Standard	250.000	3.60	10232.448	7968.048	16.052	54.1	-78.4	YES	0.999	NO	MMX
10	10 200715M1_12	Standard	500.000	3.61	19040.717	7203.576	33.040	122.2	-75.6	YES	0.999	NO	MMX

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Compound name: PFHpA

Coefficient of Determination: R² = 0.999701
 Calibration curve: $-7.88893e-005 * x^2 + 1.25214 * x + 0.00307883$
 Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	3.66	184.334	8359.609	0.276	0.2	-12.9	NO	1.000	NO	MM
2	2 200715M1_4	Standard	0.500	3.66	362.355	8266.442	0.548	0.4	-13.0	NO	1.000	NO	MM
3	3 200715M1_5	Standard	1.000	3.66	943.356	8220.309	1.434	1.1	14.3	NO	1.000	NO	bb
4	4 200715M1_6	Standard	2.000	3.66	1636.886	8026.460	2.549	2.0	1.7	NO	1.000	NO	bb
5	5 200715M1_7	Standard	5.000	3.66	4619.994	8886.182	6.499	5.2	3.8	NO	1.000	NO	MM
6	6 200715M1_8	Standard	10.000	3.66	8922.023	8478.127	13.154	10.5	5.1	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	3.66	40960.074	7991.593	64.067	51.3	2.7	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	3.66	83843.656	8326.295	125.872	101.2	1.2	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	3.66	191806.313	7968.048	300.899	244.1	-2.4	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	3.67	351236.500	7203.576	609.483	502.7	0.5	NO	1.000	NO	bb

Compound name: ADONA

Coefficient of Determination: R² = 0.999307
 Calibration curve: $0.00038629 * x^2 + 4.40723 * x + 0.248414$
 Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	3.77	787.227	8359.609	1.177	0.2	-15.7	NO	0.999	NO	bb
2	2 200715M1_4	Standard	0.500	3.77	1594.691	8266.442	2.411	0.5	-1.8	NO	0.999	NO	bb
3	3 200715M1_5	Standard	1.000	3.77	2906.998	8220.309	4.420	0.9	-5.3	NO	0.999	NO	bb
4	4 200715M1_6	Standard	2.000	3.78	6150.454	8026.460	9.578	2.1	5.8	NO	0.999	NO	MM
5	5 200715M1_7	Standard	5.000	3.77	17085.631	8886.182	24.034	5.4	7.9	NO	0.999	NO	MM
6	6 200715M1_8	Standard	10.000	3.77	31617.389	8478.127	46.616	10.5	5.1	NO	0.999	NO	MM
7	7 200715M1_9	Standard	50.000	3.77	148525.750	7991.593	232.316	52.4	4.8	NO	0.999	NO	MM
8	8 200715M1_10	Standard	100.000	3.78	303009.563	8326.295	454.899	102.2	2.2	NO	0.999	NO	MM
9	9 200715M1_11	Standard	250.000	3.78	690203.438	7968.048	1082.767	240.6	-3.8	NO	0.999	NO	MM
10	10 200715M1_12	Standard	500.000	3.78	1336406.125	7203.576	2318.998	503.9	0.8	NO	0.999	NO	MM

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Compound name: L-PFHxS

Coefficient of Determination: R² = 0.999527
 Calibration curve: $-7.58949e-005 * x^2 + 1.07816 * x + -0.00126516$
 Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	3.81	60.004	3603.641	0.208	0.2	-22.3	NO	1.000	NO	MM
2	2 200715M1_4	Standard	0.500	3.81	178.491	3744.717	0.596	0.6	10.8	NO	1.000	NO	MM
3	3 200715M1_5	Standard	1.000	3.81	339.690	3396.599	1.250	1.2	16.1	NO	1.000	NO	MM
4	4 200715M1_6	Standard	2.000	3.81	644.723	3805.583	2.118	2.0	-1.7	NO	1.000	NO	MM
5	5 200715M1_7	Standard	5.000	3.81	1805.261	3927.901	5.745	5.3	6.6	NO	1.000	NO	MM
6	6 200715M1_8	Standard	10.000	3.81	3024.631	3752.807	10.075	9.4	-6.5	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	3.81	16117.791	3892.143	51.764	48.2	-3.6	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	3.81	31777.717	3784.593	104.958	98.0	-2.0	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	3.81	75874.820	3486.138	272.059	257.0	2.8	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	3.81	140975.219	3407.862	517.096	497.0	-0.6	NO	1.000	NO	MM

Compound name: 6:2 FTS

Coefficient of Determination: R² = 0.999909
 Calibration curve: $-0.000793626 * x^2 + 3.16545 * x + 0.0219456$
 Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	4.12	146.804	2192.839	0.837	0.3	3.0	NO	1.000	NO	bb
2	2 200715M1_4	Standard	0.500	4.12	270.977	2169.043	1.562	0.5	-2.7	NO	1.000	NO	bb
3	3 200715M1_5	Standard	1.000	4.12	604.643	2546.394	2.968	0.9	-6.9	NO	1.000	NO	MM
4	4 200715M1_6	Standard	2.000	4.12	1222.829	2325.632	6.573	2.1	3.5	NO	1.000	NO	bb
5	5 200715M1_7	Standard	5.000	4.12	3327.296	2570.855	16.178	5.1	2.2	NO	1.000	NO	MM
6	6 200715M1_8	Standard	10.000	4.12	5889.707	2238.409	32.890	10.4	4.1	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	4.12	27173.490	2195.068	154.742	49.5	-1.0	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	4.12	50818.117	2031.595	312.674	101.3	1.3	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	4.12	116989.063	1989.764	734.943	247.5	-1.0	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	4.13	211086.891	1902.262	1387.078	501.2	0.2	NO	1.000	NO	MM

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Compound name: L-PFOA

Coefficient of Determination: R² = 0.999939
 Calibration curve: $-0.000416136 * x^2 + 1.50337 * x + 0.0669438$
 Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	4.18	552.053	16276.913	0.424	0.2	-5.0	NO	1.000	NO	MM
2	2 200715M1_4	Standard	0.500	4.18	1151.976	16437.480	0.876	0.5	7.7	NO	1.000	NO	MM
3	3 200715M1_5	Standard	1.000	4.18	2034.773	16220.784	1.568	1.0	-0.1	NO	1.000	NO	MM
4	4 200715M1_6	Standard	2.000	4.18	4171.446	17503.104	2.979	1.9	-3.1	NO	1.000	NO	MM
5	5 200715M1_7	Standard	5.000	4.18	11347.915	18882.857	7.512	5.0	-0.8	NO	1.000	NO	bb
6	6 200715M1_8	Standard	10.000	4.18	20729.891	17241.262	15.029	10.0	-0.2	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	4.18	97142.711	16069.390	75.565	50.9	1.9	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	4.18	192271.953	16359.328	146.913	100.5	0.5	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	4.18	439804.813	15858.872	346.655	247.5	-1.0	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	4.18	755238.813	14544.563	649.073	501.2	0.2	NO	1.000	NO	MM

Compound name: PFecHS

Coefficient of Determination: R² = 0.999478
 Calibration curve: $-4.78815e-005 * x^2 + 0.449534 * x + -0.0328553$
 Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	4.18	125.446	16276.913	0.097	0.3	15.6	NO	0.999	NO	bb
2	2 200715M1_4	Standard	0.500	4.19	266.072	16437.480	0.202	0.5	4.6	NO	0.999	NO	bb
3	3 200715M1_5	Standard	1.000	4.19	541.831	16220.784	0.418	1.0	0.2	NO	0.999	NO	bb
4	4 200715M1_6	Standard	2.000	4.19	1056.858	17503.104	0.755	1.8	-12.4	NO	0.999	NO	MM
5	5 200715M1_7	Standard	5.000	4.19	3088.007	18882.857	2.044	4.6	-7.5	NO	0.999	NO	MM
6	6 200715M1_8	Standard	10.000	4.19	5963.906	17241.262	4.324	9.7	-3.0	NO	0.999	NO	MM
7	7 200715M1_9	Standard	50.000	4.19	28526.012	16069.390	22.190	49.7	-0.6	NO	0.999	NO	MM
8	8 200715M1_10	Standard	100.000	4.19	61006.883	16359.328	46.615	104.9	4.9	NO	0.999	NO	MM
9	9 200715M1_11	Standard	250.000	4.19	135605.547	15858.872	106.885	244.2	-2.3	NO	0.999	NO	MM
10	10 200715M1_12	Standard	500.000	4.19	248518.781	14544.563	213.584	502.0	0.4	NO	0.999	NO	MM

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Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.999764$

Calibration curve: $-0.000179835 * x^2 + 0.891082 * x + 0.0225907$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	4.28	65.501	4103.405	0.200	0.2	-20.6	NO	1.000	NO	bb
2	2 200715M1_4	Standard	0.500	4.29	165.550	4241.993	0.488	0.5	4.4	NO	1.000	NO	bb
3	3 200715M1_5	Standard	1.000	4.29	284.024	3865.490	0.918	1.0	0.6	NO	1.000	NO	bb
4	4 200715M1_6	Standard	2.000	4.29	650.858	4573.725	1.779	2.0	-1.4	NO	1.000	NO	bb
5	5 200715M1_7	Standard	5.000	4.29	1738.141	4292.235	5.062	5.7	13.2	NO	1.000	NO	bb
6	6 200715M1_8	Standard	10.000	4.29	3057.370	4068.479	9.393	10.5	5.4	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	4.29	14236.724	4116.464	43.231	49.0	-2.1	NO	1.000	NO	bb
8	8 200715M1_10	Standard	100.000	4.29	30272.232	4282.628	88.358	101.2	1.2	NO	1.000	NO	bb
9	9 200715M1_11	Standard	250.000	4.29	67032.969	3999.260	209.517	247.5	-1.0	NO	1.000	NO	bb
10	10 200715M1_12	Standard	500.000	4.29	125932.422	3920.758	401.493	501.2	0.2	NO	1.000	NO	MM

Compound name: 7:3 FTCA

Coefficient of Determination: $R^2 = 0.999759$

Calibration curve: $-0.000283078 * x^2 + 0.28967 * x + -0.00595288$

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	4.60	61.903	12918.478	0.060	0.2	-9.0	NO	1.000	NO	bb
2	2 200715M1_4	Standard	0.500	4.60	179.430	15931.702	0.141	0.5	1.4	NO	1.000	NO	bb
3	3 200715M1_5	Standard	1.000	4.60	374.090	15032.104	0.311	1.1	9.6	NO	1.000	NO	MM
4	4 200715M1_6	Standard	2.000	4.60	773.217	16805.354	0.575	2.0	0.5	NO	1.000	NO	MM
5	5 200715M1_7	Standard	5.000	4.60	2038.140	17572.900	1.450	5.1	1.0	NO	1.000	NO	bb
6	6 200715M1_8	Standard	10.000	4.60	3724.918	16967.709	2.744	9.6	-4.2	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	4.60	17738.559	15947.166	13.904	50.5	1.0	NO	1.000	NO	bb
8	8 200715M1_10	Standard	100.000	4.60	33420.852	16022.165	26.074	99.8	-0.2	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	4.60	19541.100	15178.310	16.093	59.0	-76.4	YES	1.000	NO	MMX
10	10 200715M1_12	Standard	500.000	4.60	32765.967	13875.285	29.518	114.8	-77.0	YES	1.000	NO	MMX

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Compound name: PFNA

Coefficient of Determination: R² = 0.999842

Calibration curve: $-5.21889e-005 * x^2 + 1.2135 * x + 0.052946$

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	4.61	369.475	12918.478	0.358	0.3	0.4	NO	1.000	NO	bb
2	2 200715M1_4	Standard	0.500	4.61	844.894	15931.702	0.663	0.5	0.5	NO	1.000	NO	MM
3	3 200715M1_5	Standard	1.000	4.62	1525.475	15032.104	1.269	1.0	0.2	NO	1.000	NO	bb
4	4 200715M1_6	Standard	2.000	4.62	3125.871	16805.354	2.325	1.9	-6.4	NO	1.000	NO	MM
5	5 200715M1_7	Standard	5.000	4.62	8948.332	17572.900	6.365	5.2	4.1	NO	1.000	NO	MM
6	6 200715M1_8	Standard	10.000	4.62	16885.514	16967.709	12.439	10.2	2.1	NO	1.000	NO	bb
7	7 200715M1_9	Standard	50.000	4.62	75244.141	15947.166	58.979	48.7	-2.7	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	4.62	158830.313	16022.165	123.915	102.5	2.5	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	4.62	361281.094	15178.310	297.531	247.8	-0.9	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	4.62	660044.188	13875.285	594.622	500.7	0.1	NO	1.000	NO	MM

Compound name: PFOSA

Coefficient of Determination: R² = 0.999352

Calibration curve: $-0.000265477 * x^2 + 1.00153 * x + 0.0698581$

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	4.66	147.952	5684.478	0.325	0.3	2.0	NO	0.999	NO	bb
2	2 200715M1_4	Standard	0.500	4.67	281.640	6062.049	0.581	0.5	2.0	NO	0.999	NO	bb
3	3 200715M1_5	Standard	1.000	4.66	416.903	5429.739	0.960	0.9	-11.1	NO	0.999	NO	MM
4	4 200715M1_6	Standard	2.000	4.67	910.150	5392.492	2.110	2.0	1.9	NO	0.999	NO	bb
5	5 200715M1_7	Standard	5.000	4.67	2570.285	5907.124	5.439	5.4	7.4	NO	0.999	NO	bb
6	6 200715M1_8	Standard	10.000	4.66	4652.271	6066.631	9.586	9.5	-4.7	NO	0.999	NO	MM
7	7 200715M1_9	Standard	50.000	4.67	22449.434	5648.320	49.682	50.2	0.4	NO	0.999	NO	MM
8	8 200715M1_10	Standard	100.000	4.67	45255.949	5544.292	102.033	104.7	4.7	NO	0.999	NO	MM
9	9 200715M1_11	Standard	250.000	4.67	104921.664	5785.917	226.675	241.7	-3.3	NO	0.999	NO	MM
10	10 200715M1_12	Standard	500.000	4.67	195177.266	5580.908	437.154	503.7	0.7	NO	0.999	NO	MM

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Compound name: L-PFOS

Coefficient of Determination: R² = 0.999761
 Calibration curve: $-0.000127452 * x^2 + 1.03891 * x + -0.0860112$
 Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	4.59	65.875	4103.405	0.201	0.3	10.4	NO	1.000	NO	MM
2	2 200715M1_4	Standard	0.500	4.70	128.540	4241.993	0.379	0.4	-10.5	NO	1.000	NO	MM
3	3 200715M1_5	Standard	1.000	4.70	288.467	3865.490	0.933	1.0	-1.9	NO	1.000	NO	MM
4	4 200715M1_6	Standard	2.000	4.70	726.788	4573.725	1.986	2.0	-0.2	NO	1.000	NO	MM
5	5 200715M1_7	Standard	5.000	4.70	1818.187	4292.235	5.295	5.2	3.7	NO	1.000	NO	MM
6	6 200715M1_8	Standard	10.000	4.70	3330.987	4068.479	10.234	9.9	-0.5	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	4.70	17162.994	4116.464	52.117	50.6	1.1	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	4.70	33967.586	4282.628	99.144	96.7	-3.3	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	4.70	81872.102	3999.260	255.898	254.3	1.7	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	4.70	152443.531	3920.758	486.014	498.4	-0.3	NO	1.000	NO	MM

Compound name: 9CI-PF30NS

Coefficient of Determination: R² = 0.999615
 Calibration curve: $-0.00102146 * x^2 + 3.72379 * x + -0.127134$
 Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	4.92	264.826	4103.405	0.807	0.3	0.3	NO	1.000	NO	MM
2	2 200715M1_4	Standard	0.500	4.92	636.266	4241.993	1.875	0.5	7.5	NO	1.000	NO	bb
3	3 200715M1_5	Standard	1.000	4.92	1206.214	3865.490	3.901	1.1	8.2	NO	1.000	NO	bb
4	4 200715M1_6	Standard	2.000	4.92	2483.794	4573.725	6.788	1.9	-7.1	NO	1.000	NO	MM
5	5 200715M1_7	Standard	5.000	4.92	6587.146	4292.235	19.183	5.2	3.9	NO	1.000	NO	MM
6	6 200715M1_8	Standard	10.000	4.92	10510.588	4068.479	32.293	8.7	-12.7	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	4.92	60247.195	4116.464	182.946	49.8	-0.3	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	4.92	122508.234	4282.628	357.573	98.7	-1.3	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	4.92	282544.250	3999.260	883.114	255.0	2.0	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	4.92	501659.969	3920.758	1599.372	497.4	-0.5	NO	1.000	NO	MM

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Compound name: PFDA

Coefficient of Determination: R² = 0.998675
 Calibration curve: -0.000107961 * x² + 1.4095 * x + 0.10817
 Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	4.99	514.786	16470.783	0.391	0.2	-19.8	NO	0.999	NO	bb
2	2 200715M1_4	Standard	0.500	4.99	1012.739	16286.476	0.777	0.5	-5.1	NO	0.999	NO	MM
3	3 200715M1_5	Standard	1.000	4.99	1716.079	15465.957	1.387	0.9	-9.3	NO	0.999	NO	MM
4	4 200715M1_6	Standard	2.000	4.99	3863.077	13836.718	3.490	2.4	20.0	NO	0.999	NO	bb
5	5 200715M1_7	Standard	5.000	4.99	10734.449	17583.635	7.631	5.3	6.8	NO	0.999	NO	MM
6	6 200715M1_8	Standard	10.000	4.99	19406.588	16213.641	14.962	10.5	5.5	NO	0.999	NO	MM
7	7 200715M1_9	Standard	50.000	4.99	94819.680	16955.154	69.905	49.7	-0.6	NO	0.999	NO	bb
8	8 200715M1_10	Standard	100.000	4.99	191280.047	16067.380	148.811	106.4	6.4	NO	0.999	NO	MM
9	9 200715M1_11	Standard	250.000	4.99	413783.094	15709.929	329.237	237.8	-4.9	NO	0.999	NO	MM
10	10 200715M1_12	Standard	500.000	5.00	789730.938	14424.368	684.372	505.0	1.0	NO	0.999	NO	MM

Compound name: 8:2 FTS

Coefficient of Determination: R² = 0.998417
 Calibration curve: -0.00074622 * x² + 2.49959 * x + 0.0488689
 Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	4.96	125.045	2487.122	0.628	0.2	-7.2	NO	0.998	NO	bb
2	2 200715M1_4	Standard	0.500	4.96	272.590	2551.278	1.336	0.5	3.0	NO	0.998	NO	MM
3	3 200715M1_5	Standard	1.000	4.96	404.965	2419.287	2.092	0.8	-18.2	NO	0.998	NO	bb
4	4 200715M1_6	Standard	2.000	4.96	1098.143	2343.060	5.858	2.3	16.3	NO	0.998	NO	MM
5	5 200715M1_7	Standard	5.000	4.96	2739.816	2691.968	12.722	5.1	1.6	NO	0.998	NO	MM
6	6 200715M1_8	Standard	10.000	4.96	5302.395	2450.895	27.043	10.8	8.3	NO	0.998	NO	MM
7	7 200715M1_9	Standard	50.000	4.96	25851.512	2363.442	136.726	55.6	11.2	NO	0.998	NO	MM
8	8 200715M1_10	Standard	100.000	4.96	45857.801	2525.837	226.944	93.4	-6.6	NO	0.998	NO	MM
9	9 200715M1_11	Standard	250.000	4.96	102401.375	2231.093	573.718	247.8	-0.9	NO	0.998	NO	MM
10	10 200715M1_12	Standard	500.000	4.96	178336.672	2088.632	1067.305	502.3	0.5	NO	0.998	NO	MM

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Compound name: PFNS

Coefficient of Determination: R² = 0.999363

Calibration curve: $-0.000320195 * x^2 + 1.06593 * x + -0.076599$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	5.05	68.951	4103.405	0.210	0.3	7.6	NO	0.999	NO	bb
2	2 200715M1_4	Standard	0.500	5.06	142.394	4241.993	0.420	0.5	-6.9	NO	0.999	NO	bb
3	3 200715M1_5	Standard	1.000	5.06	297.755	3865.490	0.963	1.0	-2.5	NO	0.999	NO	bb
4	4 200715M1_6	Standard	2.000	5.06	660.834	4573.725	1.806	1.8	-11.6	NO	0.999	NO	bb
5	5 200715M1_7	Standard	5.000	5.06	1891.541	4292.235	5.509	5.2	5.0	NO	0.999	NO	bb
6	6 200715M1_8	Standard	10.000	5.06	3896.207	4068.479	11.971	11.3	13.4	NO	0.999	NO	MM
7	7 200715M1_9	Standard	50.000	5.06	16533.102	4116.464	50.204	47.9	-4.3	NO	0.999	NO	MM
8	8 200715M1_10	Standard	100.000	5.06	34555.383	4282.628	100.859	97.6	-2.4	NO	0.999	NO	bb
9	9 200715M1_11	Standard	250.000	5.06	80492.336	3999.260	251.585	255.7	2.3	NO	0.999	NO	MM
10	10 200715M1_12	Standard	500.000	5.06	141438.563	3920.758	450.929	497.4	-0.5	NO	0.999	NO	MM

Compound name: L-MeFOSAA

Coefficient of Determination: R² = 0.999936

Calibration curve: $-0.000252855 * x^2 + 0.907264 * x + -0.0311046$

Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	5.15	189.043	12986.963	0.182	0.2	-6.1	NO	1.000	NO	bb
2	2 200715M1_4	Standard	0.500	5.15	441.302	12744.641	0.433	0.5	2.3	NO	1.000	NO	MM
3	3 200715M1_5	Standard	1.000	5.14	858.677	12235.014	0.877	1.0	0.2	NO	1.000	NO	MM
4	4 200715M1_6	Standard	2.000	5.15	1916.342	12940.886	1.851	2.1	3.8	NO	1.000	NO	MM
5	5 200715M1_7	Standard	5.000	5.15	5116.182	13760.870	4.647	5.2	3.3	NO	1.000	NO	MM
6	6 200715M1_8	Standard	10.000	5.15	8961.173	12854.320	8.714	9.7	-3.3	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	5.14	45469.074	12641.216	44.961	50.3	0.6	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	5.15	92996.078	13349.120	87.081	98.7	-1.3	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	5.14	217340.250	12789.861	212.415	251.8	0.7	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	5.15	390256.406	12512.507	389.866	499.2	-0.2	NO	1.000	NO	MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 16 Jul 2020 10:04:09

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Compound name: L-EtFOSAA

Coefficient of Determination: R² = 0.999822

Calibration curve: $-0.000204465 * x^2 + 0.916501 * x + -0.0663958$

Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	5.30	184.273	11511.801	0.200	0.3	16.3	NO	1.000	NO	MM
2	2 200715M1_4	Standard	0.500	5.30	330.244	11378.273	0.363	0.5	-6.3	NO	1.000	NO	MM
3	3 200715M1_5	Standard	1.000	5.31	683.475	10755.292	0.794	0.9	-6.1	NO	1.000	NO	MM
4	4 200715M1_6	Standard	2.000	5.31	1533.112	10768.891	1.780	2.0	0.8	NO	1.000	NO	MM
5	5 200715M1_7	Standard	5.000	5.30	4649.804	13311.401	4.366	4.8	-3.2	NO	1.000	NO	MM
6	6 200715M1_8	Standard	10.000	5.30	8820.324	12531.320	8.798	9.7	-3.1	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	5.30	41410.305	11441.161	45.243	50.0	-0.0	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	5.31	80486.227	10944.914	91.922	102.7	2.7	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	5.30	180454.703	10571.330	213.377	246.4	-1.4	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	5.31	324604.219	9943.763	408.050	501.4	0.3	NO	1.000	NO	MM

Compound name: PFUdA

Coefficient of Determination: R² = 0.999325

Calibration curve: $-0.000264985 * x^2 + 0.963665 * x + 0.0138771$

Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	5.32	431.502	21713.557	0.248	0.2	-2.6	NO	0.999	NO	MM
2	2 200715M1_4	Standard	0.500	5.32	853.692	21823.635	0.489	0.5	-1.4	NO	0.999	NO	MM
3	3 200715M1_5	Standard	1.000	5.32	1781.136	22818.738	0.976	1.0	-0.2	NO	0.999	NO	MM
4	4 200715M1_6	Standard	2.000	5.32	3667.344	23585.467	1.944	2.0	0.2	NO	0.999	NO	MM
5	5 200715M1_7	Standard	5.000	5.32	10157.860	25240.473	5.031	5.2	4.3	NO	0.999	NO	bb
6	6 200715M1_8	Standard	10.000	5.32	19261.256	24779.875	9.716	10.1	1.0	NO	0.999	NO	MM
7	7 200715M1_9	Standard	50.000	5.32	80736.859	20155.475	50.071	52.7	5.4	NO	0.999	NO	MM
8	8 200715M1_10	Standard	100.000	5.32	167594.078	21906.117	95.632	102.1	2.1	NO	0.999	NO	MM
9	9 200715M1_11	Standard	250.000	5.32	397245.281	22967.895	216.196	240.2	-3.9	NO	0.999	NO	MM
10	10 200715M1_12	Standard	500.000	5.32	713987.063	21297.865	419.048	504.9	1.0	NO	0.999	NO	MM

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Compound name: PFDS

Coefficient of Determination: R² = 0.999771

Calibration curve: $-0.000156808 * x^2 + 0.868255 * x + 0.00491911$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	5.36	70.394	4103.405	0.214	0.2	-3.5	NO	1.000	NO	bb
2	2 200715M1_4	Standard	0.500	5.37	149.320	4241.993	0.440	0.5	0.2	NO	1.000	NO	bb
3	3 200715M1_5	Standard	1.000	5.37	279.993	3865.490	0.905	1.0	3.7	NO	1.000	NO	MM
4	4 200715M1_6	Standard	2.000	5.37	610.196	4573.725	1.668	1.9	-4.2	NO	1.000	NO	bb
5	5 200715M1_7	Standard	5.000	5.37	1603.445	4292.235	4.670	5.4	7.6	NO	1.000	NO	bb
6	6 200715M1_8	Standard	10.000	5.37	2866.902	4068.479	8.808	10.2	1.6	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	5.37	13764.308	4116.464	41.797	48.6	-2.9	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	5.37	28714.852	4282.628	83.812	98.3	-1.7	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	5.37	67500.898	3999.260	210.979	254.7	1.9	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	5.37	123419.719	3920.758	393.482	498.0	-0.4	NO	1.000	NO	MM

Compound name: 11CI-PF30UdS

Coefficient of Determination: R² = 0.999334

Calibration curve: $5.85527e-005 * x^2 + 0.535299 * x + 0.00649676$

Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	5.53	283.542	27216.324	0.130	0.2	-7.5	NO	0.999	NO	bb
2	2 200715M1_4	Standard	0.500	5.53	583.699	27789.732	0.263	0.5	-4.3	NO	0.999	NO	MM
3	3 200715M1_5	Standard	1.000	5.53	1261.096	27263.471	0.578	1.1	6.8	NO	0.999	NO	MM
4	4 200715M1_6	Standard	2.000	5.54	2593.863	29136.977	1.113	2.1	3.3	NO	0.999	NO	MM
5	5 200715M1_7	Standard	5.000	5.53	6665.600	31340.125	2.659	5.0	-1.0	NO	0.999	NO	bb
6	6 200715M1_8	Standard	10.000	5.53	12994.171	29713.848	5.466	10.2	1.9	NO	0.999	NO	MM
7	7 200715M1_9	Standard	50.000	5.53	61471.926	26622.371	28.863	53.6	7.2	NO	0.999	NO	MM
8	8 200715M1_10	Standard	100.000	5.53	124069.664	28292.191	54.816	101.3	1.3	NO	0.999	NO	bb
9	9 200715M1_11	Standard	250.000	5.53	279025.969	26297.012	132.632	241.4	-3.4	NO	0.999	NO	MM
10	10 200715M1_12	Standard	500.000	5.54	538853.063	23684.768	284.388	503.5	0.7	NO	0.999	NO	MM

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Compound name: 10:2 FTS

Coefficient of Determination: R² = 0.999477
 Calibration curve: $-0.000797594 * x^2 + 3.15437 * x + 0.026343$
 Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	5.59	137.452	1864.558	0.921	0.3	13.5	NO	0.999	NO	bb
2	2 200715M1_4	Standard	0.500	5.59	190.705	1812.044	1.316	0.4	-18.3	NO	0.999	NO	bb
3	3 200715M1_5	Standard	1.000	5.59	394.466	1759.246	2.803	0.9	-12.0	NO	0.999	NO	MM
4	4 200715M1_6	Standard	2.000	5.59	936.045	1731.797	6.756	2.1	6.7	NO	0.999	NO	MM
5	5 200715M1_7	Standard	5.000	5.59	2631.112	1756.685	18.722	5.9	18.7	NO	0.999	NO	MM
6	6 200715M1_8	Standard	10.000	5.59	4500.158	1915.311	29.370	9.3	-6.8	NO	0.999	NO	MM
7	7 200715M1_9	Standard	50.000	5.59	20792.908	1657.751	156.786	50.3	0.7	NO	0.999	NO	MM
8	8 200715M1_10	Standard	100.000	5.59	42098.906	1675.064	314.159	102.2	2.2	NO	0.999	NO	MM
9	9 200715M1_11	Standard	250.000	5.59	92193.891	1589.930	724.827	244.9	-2.0	NO	0.999	NO	MM
10	10 200715M1_12	Standard	500.000	5.59	148977.328	1346.159	1383.356	502.4	0.5	NO	0.999	NO	MM

Compound name: PFDoA

Coefficient of Determination: R² = 0.999949
 Calibration curve: $-0.000173618 * x^2 + 0.941709 * x + 0.122025$
 Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	5.60	794.785	27216.324	0.365	0.3	3.2	NO	1.000	NO	MM
2	2 200715M1_4	Standard	0.500	5.60	1266.975	27789.732	0.570	0.5	-4.9	NO	1.000	NO	MM
3	3 200715M1_5	Standard	1.000	5.60	2366.620	27263.471	1.085	1.0	2.3	NO	1.000	NO	bb
4	4 200715M1_6	Standard	2.000	5.61	4790.914	29136.977	2.055	2.1	2.7	NO	1.000	NO	bb
5	5 200715M1_7	Standard	5.000	5.60	11830.762	31340.125	4.719	4.9	-2.3	NO	1.000	NO	bb
6	6 200715M1_8	Standard	10.000	5.60	22261.449	29713.848	9.365	9.8	-1.7	NO	1.000	NO	bb
7	7 200715M1_9	Standard	50.000	5.60	99355.875	26622.371	46.651	49.9	-0.3	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	5.60	212534.313	28292.191	93.901	101.5	1.5	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	5.61	469507.188	26297.012	223.175	248.2	-0.7	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	5.61	811119.936	23684.768	428.081	500.7	0.1	NO	1.000	NO	MM

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Compound name: N-MeFOSA

Coefficient of Determination: R² = 0.999293
 Calibration curve: $-0.000112035 * x^2 + 1.00389 * x + 0.0548453$
 Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	1.250	5.61	156.619	17857.908	1.309	1.2	-0.1	NO	0.999	NO	bb
2	2 200715M1_4	Standard	2.500	5.61	279.720	18034.945	2.314	2.3	-10.0	NO	0.999	NO	bb
3	3 200715M1_5	Standard	5.000	5.61	629.093	18174.342	5.164	5.1	1.9	NO	0.999	NO	MM
4	4 200715M1_6	Standard	10.000	5.61	1291.056	19201.684	10.032	9.9	-0.5	NO	0.999	NO	MM
5	5 200715M1_7	Standard	25.000	5.61	3469.688	19852.658	26.076	26.0	4.0	NO	0.999	NO	MM
6	6 200715M1_8	Standard	50.000	5.61	6902.621	19480.156	52.868	52.9	5.8	NO	0.999	NO	MM
7	7 200715M1_9	Standard	250.000	5.61	31738.314	18609.023	254.466	261.0	4.4	NO	0.999	NO	MM
8	8 200715M1_10	Standard	500.000	5.61	62540.473	19361.150	481.947	508.9	1.8	NO	0.999	NO	MM
9	9 200715M1_11	Standard	1250.000	5.61	141040.953	20212.590	1041.099	1196.9	-4.2	NO	0.999	NO	MM
10	10 200715M1_12	Standard	2500.000	5.62	247942.000	20256.490	1826.227	2537.9	1.5	NO	0.999	NO	MM

Compound name: PFTrDA

Coefficient of Determination: R² = 0.999866
 Calibration curve: $1.96095e-005 * x^2 + 0.876376 * x + 0.0678529$
 Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	5.85	615.350	27216.324	0.283	0.2	-2.0	NO	1.000	NO	bb
2	2 200715M1_4	Standard	0.500	5.86	1121.206	27789.732	0.504	0.5	-0.4	NO	1.000	NO	MM
3	3 200715M1_5	Standard	1.000	5.86	2103.255	27263.471	0.964	1.0	2.3	NO	1.000	NO	MM
4	4 200715M1_6	Standard	2.000	5.86	4028.231	29136.977	1.728	1.9	-5.3	NO	1.000	NO	MM
5	5 200715M1_7	Standard	5.000	5.86	11570.521	31340.125	4.615	5.2	3.8	NO	1.000	NO	MM
6	6 200715M1_8	Standard	10.000	5.86	21531.498	29713.848	9.058	10.3	2.6	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	5.86	91173.547	26622.371	42.809	48.7	-2.6	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	5.86	203506.438	28292.191	89.913	102.3	2.3	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	5.86	459857.969	26297.012	218.589	248.0	-0.8	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	5.86	840832.250	23684.768	443.762	500.7	0.1	NO	1.000	NO	MM

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Compound name: PFDoS

Coefficient of Determination: R² = 0.999265

Calibration curve: $-3.05828e-005 * x^2 + 0.252789 * x + -0.00521903$

Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	5.88	70.899	17971.713	0.049	0.2	-13.7	NO	0.999	NO	MM
2	2 200715M1_4	Standard	0.500	5.88	207.992	18979.020	0.137	0.6	12.5	NO	0.999	NO	MM
3	3 200715M1_5	Standard	1.000	5.88	340.851	17408.055	0.245	1.0	-1.1	NO	0.999	NO	bb
4	4 200715M1_6	Standard	2.000	5.88	741.300	18047.332	0.513	2.1	2.6	NO	0.999	NO	MM
5	5 200715M1_7	Standard	5.000	5.88	1890.866	19655.859	1.202	4.8	-4.4	NO	0.999	NO	MM
6	6 200715M1_8	Standard	10.000	5.88	3735.064	19023.869	2.454	9.7	-2.6	NO	0.999	NO	MM
7	7 200715M1_9	Standard	50.000	5.88	18234.143	17978.385	12.678	50.5	1.0	NO	0.999	NO	MM
8	8 200715M1_10	Standard	100.000	5.88	34148.152	18057.844	23.638	94.6	-5.4	NO	0.999	NO	MM
9	9 200715M1_11	Standard	250.000	5.88	84780.750	16716.736	63.395	258.9	3.6	NO	0.999	NO	MM
10	10 200715M1_12	Standard	500.000	5.88	151486.469	16055.199	117.942	496.4	-0.7	NO	0.999	NO	MM

Compound name: PFTeDA

Coefficient of Determination: R² = 0.999414

Calibration curve: $-0.00036151 * x^2 + 1.51583 * x + 0.0550336$

Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	6.07	576.545	17971.713	0.401	0.2	-8.7	NO	0.999	NO	MM
2	2 200715M1_4	Standard	0.500	6.07	1152.580	18979.020	0.759	0.5	-7.1	NO	0.999	NO	MM
3	3 200715M1_5	Standard	1.000	6.07	2296.496	17408.055	1.649	1.1	5.2	NO	0.999	NO	MM
4	4 200715M1_6	Standard	2.000	6.07	4557.372	18047.332	3.157	2.0	2.4	NO	0.999	NO	MM
5	5 200715M1_7	Standard	5.000	6.07	12475.688	19655.859	7.934	5.2	4.1	NO	0.999	NO	MM
6	6 200715M1_8	Standard	10.000	6.07	23457.371	19023.869	15.413	10.2	1.6	NO	0.999	NO	MM
7	7 200715M1_9	Standard	50.000	6.07	109452.219	17978.385	76.100	50.8	1.6	NO	0.999	NO	MM
8	8 200715M1_10	Standard	100.000	6.07	221890.094	18057.844	153.597	103.9	3.9	NO	0.999	NO	MM
9	9 200715M1_11	Standard	250.000	6.07	460333.156	16716.736	344.216	240.9	-3.6	NO	0.999	NO	MM
10	10 200715M1_12	Standard	500.000	6.07	863708.375	16055.199	672.452	504.2	0.8	NO	0.999	NO	MM

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Compound name: N-EtFOSA

Coefficient of Determination: R² = 0.999735
 Calibration curve: $-5.83556e-005 * x^2 + 0.854595 * x + 0.0629453$
 Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	1.250	6.06	185.858	24485.918	1.132	1.3	0.1	NO	1.000	NO	bb
2	2 200715M1_4	Standard	2.500	6.06	366.497	26706.414	2.047	2.3	-7.1	NO	1.000	NO	bb
3	3 200715M1_5	Standard	5.000	6.06	795.927	27051.570	4.390	5.1	1.3	NO	1.000	NO	bb
4	4 200715M1_6	Standard	10.000	6.07	1541.733	26944.609	8.537	9.9	-0.8	NO	1.000	NO	MM
5	5 200715M1_7	Standard	25.000	6.06	4369.011	29415.279	22.160	25.9	3.6	NO	1.000	NO	MM
6	6 200715M1_8	Standard	50.000	6.06	8705.089	28386.770	45.754	53.7	7.3	NO	1.000	NO	MM
7	7 200715M1_9	Standard	250.000	6.06	38860.152	26915.307	215.414	256.5	2.6	NO	1.000	NO	MM
8	8 200715M1_10	Standard	500.000	6.06	75302.984	27116.939	414.324	502.0	0.4	NO	1.000	NO	MM
9	9 200715M1_11	Standard	1250.000	6.06	168012.906	26174.148	957.721	1222.7	-2.2	NO	1.000	NO	MM
10	10 200715M1_12	Standard	2500.000	6.07	292267.125	24489.436	1780.615	2515.6	0.6	NO	1.000	NO	MM

Compound name: PFHxDA

Coefficient of Determination: R² = 0.999788
 Calibration curve: $-0.000157647 * x^2 + 0.599321 * x + 0.0773469$
 Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	6.39	474.278	27585.535	0.215	0.2	-8.2	NO	1.000	NO	MM
2	2 200715M1_4	Standard	0.500	6.40	807.328	27576.564	0.366	0.5	-3.7	NO	1.000	NO	MM
3	3 200715M1_5	Standard	1.000	6.40	1443.846	26955.750	0.670	1.0	-1.2	NO	1.000	NO	bb
4	4 200715M1_6	Standard	2.000	6.40	3048.963	28387.383	1.343	2.1	5.6	NO	1.000	NO	MM
5	5 200715M1_7	Standard	5.000	6.40	7362.440	29386.883	3.132	5.1	2.1	NO	1.000	NO	MM
6	6 200715M1_8	Standard	10.000	6.40	13829.398	27305.875	6.331	10.5	4.6	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	6.40	64833.852	27255.193	29.735	50.1	0.3	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	6.40	127792.727	26814.029	59.574	102.0	2.0	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	6.40	289143.094	26316.504	137.339	244.8	-2.1	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	6.40	547048.688	26155.508	261.440	502.5	0.5	NO	1.000	NO	MM

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Compound name: PFODA

Coefficient of Determination: R² = 0.999894

Calibration curve: -0.000283611 * x² + 1.06055 * x + -0.0187072

Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	0.250	6.62	584.012	27585.535	0.265	0.3	6.9	NO	1.000	NO	MM
2	2 200715M1_4	Standard	0.500	6.62	1093.099	27576.564	0.495	0.5	-3.0	NO	1.000	NO	MM
3	3 200715M1_5	Standard	1.000	6.62	2178.031	26955.750	1.010	1.0	-3.0	NO	1.000	NO	MM
4	4 200715M1_6	Standard	2.000	6.63	4716.161	28387.383	2.077	2.0	-1.2	NO	1.000	NO	MM
5	5 200715M1_7	Standard	5.000	6.62	12236.568	29386.883	5.205	4.9	-1.4	NO	1.000	NO	MM
6	6 200715M1_8	Standard	10.000	6.62	23831.783	27305.875	10.910	10.3	3.3	NO	1.000	NO	MM
7	7 200715M1_9	Standard	50.000	6.62	110513.820	27255.193	50.685	48.4	-3.1	NO	1.000	NO	MM
8	8 200715M1_10	Standard	100.000	6.62	224413.672	26814.029	104.616	101.4	1.4	NO	1.000	NO	MM
9	9 200715M1_11	Standard	250.000	6.62	521265.000	26316.504	247.594	250.2	0.1	NO	1.000	NO	MM
10	10 200715M1_12	Standard	500.000	6.63	960685.438	26155.508	459.122	499.7	-0.1	NO	1.000	NO	MM

Compound name: N-MeFOSE

Coefficient of Determination: R² = 0.999734

Calibration curve: -4.34352e-005 * x² + 1.05429 * x + -0.132007

Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	1.250	6.29	121.419	12846.417	1.410	1.5	17.0	NO	1.000	NO	MM
2	2 200715M1_4	Standard	2.500	6.29	182.648	11612.916	2.347	2.4	-6.0	NO	1.000	NO	MM
3	3 200715M1_5	Standard	5.000	6.29	369.236	11275.587	4.886	4.8	-4.8	NO	1.000	NO	bb
4	4 200715M1_6	Standard	10.000	6.30	774.804	12725.938	9.084	8.7	-12.6	NO	1.000	NO	bb
5	5 200715M1_7	Standard	25.000	6.29	2437.814	12340.043	29.475	28.1	12.5	NO	1.000	NO	MM
6	6 200715M1_8	Standard	50.000	6.29	4292.026	13094.211	48.905	46.6	-6.8	NO	1.000	NO	MM
7	7 200715M1_9	Standard	250.000	6.29	20865.166	12012.232	259.159	248.5	-0.6	NO	1.000	NO	MM
8	8 200715M1_10	Standard	500.000	6.29	44111.965	12531.708	525.188	508.9	1.8	NO	1.000	NO	MM
9	9 200715M1_11	Standard	1250.000	6.29	103359.461	12419.161	1241.729	1241.4	-0.7	NO	1.000	NO	MM
10	10 200715M1_12	Standard	2500.000	6.30	192836.188	12157.314	2366.572	2502.9	0.1	NO	1.000	NO	MM

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Compound name: N-EtFOSE

Coefficient of Determination: R^2 = 0.999751
 Calibration curve: $-5.67311e-005 * x^2 + 1.07173 * x + 0.206426$
 Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	1.250	6.44	144.825	12768.449	1.692	1.4	10.9	NO	1.000	NO	bb
2	2 200715M1_4	Standard	2.500	6.44	214.248	13463.024	2.374	2.0	-19.1	NO	1.000	NO	bb
3	3 200715M1_5	Standard	5.000	6.44	508.850	13203.722	5.750	5.2	3.5	NO	1.000	NO	MM
4	4 200715M1_6	Standard	10.000	6.44	977.577	13597.650	10.726	9.8	-1.8	NO	1.000	NO	MM
5	5 200715M1_7	Standard	25.000	6.44	2804.786	14329.234	29.204	27.1	8.4	NO	1.000	NO	MM
6	6 200715M1_8	Standard	50.000	6.44	4921.997	13618.002	53.926	50.3	0.5	NO	1.000	NO	MM
7	7 200715M1_9	Standard	250.000	6.44	22154.799	13057.600	253.147	239.0	-4.4	NO	1.000	NO	MM
8	8 200715M1_10	Standard	500.000	6.44	48423.184	13579.630	532.028	510.0	2.0	NO	1.000	NO	MM
9	9 200715M1_11	Standard	1250.000	6.44	126202.984	15047.017	1251.377	1250.2	0.0	NO	1.000	NO	MM
10	10 200715M1_12	Standard	2500.000	6.44	229667.625	14744.692	2323.983	2498.8	-0.0	NO	1.000	NO	MM

Compound name: 13C3-PFBA-EIS

Response Factor: 348.103
 RRF SD: 0, Relative SD: 0
 Response type: External Std, Area
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	1.28	3810.528		3810.528	10.9	-12.4	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	1.28	3981.092		3981.092	11.4	-8.5	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	1.28	3826.575		3826.575	11.0	-12.1	NO		NO	MMX
4	4 200715M1_6	Standard	12.500	1.28	3696.284		3696.284	10.6	-15.1	NO		NO	bbX
5	5 200715M1_7	Standard	12.500	1.28	4106.928		4106.928	11.8	-5.6	NO		NO	bbX
6	6 200715M1_8	Standard	12.500	1.28	4351.292		4351.292	12.5	0.0	NO		NO	bb
7	7 200715M1_9	Standard	12.500	1.28	3913.667		3913.667	11.2	-10.1	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	1.28	3794.782		3794.782	10.9	-12.8	NO		NO	bbX
9	9 200715M1_11	Standard	12.500	1.28	4464.819		4464.819	12.8	2.6	NO		NO	bbX
10	10 200715M1_12	Standard	12.500	1.28	4279.891		4279.891	12.3	-1.6	NO		NO	bbX

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Compound name: 13C3-PFBA-RSD

Response Factor: 0.690763

RRF SD: 0.0209554, Relative SD: 3.03367

Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	1.28	3810.528	5230.337	9.107	13.2	5.5	NO		NO	bb
2	2 200715M1_4	Standard	12.500	1.28	3993.868	5738.711	8.699	12.6	0.8	NO		NO	MM
3	3 200715M1_5	Standard	12.500	1.28	3818.348	5447.928	8.761	12.7	1.5	NO		NO	MM
4	4 200715M1_6	Standard	12.500	1.28	3696.284	5483.338	8.426	12.2	-2.4	NO		NO	bb
5	5 200715M1_7	Standard	12.500	1.28	4121.161	6097.196	8.449	12.2	-2.2	NO		NO	MM
6	6 200715M1_8	Standard	12.500	1.28	4335.425	6221.629	8.710	12.6	0.9	NO		NO	MM
7	7 200715M1_9	Standard	12.500	1.28	3851.059	5718.170	8.418	12.2	-2.5	NO		NO	MM
8	8 200715M1_10	Standard	12.500	1.28	3794.782	5653.271	8.391	12.1	-2.8	NO		NO	bb
9	9 200715M1_11	Standard	12.500	1.28	4476.405	6666.486	8.393	12.2	-2.8	NO		NO	MM
10	10 200715M1_12	Standard	12.500	1.28	4279.891	5950.858	8.990	13.0	4.1	NO		NO	bb

Compound name: 13C3-PFPeA-EIS

Response Factor: 630.234

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	2.23	7262.500		7262.500	11.5	-7.8	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	2.23	7574.775		7574.775	12.0	-3.8	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	2.23	7375.006		7375.006	11.7	-6.4	NO		NO	MMX
4	4 200715M1_6	Standard	12.500	2.23	7762.324		7762.324	12.3	-1.5	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	2.23	8374.615		8374.615	13.3	6.3	NO		NO	MMX
6	6 200715M1_8	Standard	12.500	2.23	7877.926		7877.926	12.5	0.0	NO		NO	bb
7	7 200715M1_9	Standard	12.500	2.23	7462.058		7462.058	11.8	-5.3	NO		NO	bbX
8	8 200715M1_10	Standard	12.500	2.23	7608.884		7608.884	12.1	-3.4	NO		NO	bbX
9	9 200715M1_11	Standard	12.500	2.23	7708.376		7708.376	12.2	-2.2	NO		NO	bbX
10	10 200715M1_12	Standard	12.500	2.23	7581.056		7581.056	12.0	-3.8	NO		NO	MMX

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Compound name: 13C3-PFPeA-RSD

Response Factor: 0.468915

RRF SD: 0.016154, Relative SD: 3.44496

Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	2.23	7262.500	15165.624	5.986	12.8	2.1	NO		NO	bb
2	2 200715M1_4	Standard	12.500	2.23	7574.775	16511.236	5.735	12.2	-2.2	NO		NO	bb
3	3 200715M1_5	Standard	12.500	2.23	7370.010	16169.102	5.698	12.2	-2.8	NO		NO	MM
4	4 200715M1_6	Standard	12.500	2.23	7828.338	16907.969	5.787	12.3	-1.3	NO		NO	MM
5	5 200715M1_7	Standard	12.500	2.23	8377.570	18526.199	5.653	12.1	-3.6	NO		NO	MM
6	6 200715M1_8	Standard	12.500	2.23	7877.926	16965.084	5.805	12.4	-1.0	NO		NO	bb
7	7 200715M1_9	Standard	12.500	2.23	7339.137	16047.514	5.717	12.2	-2.5	NO		NO	bb
8	8 200715M1_10	Standard	12.500	2.23	7608.884	15871.535	5.993	12.8	2.2	NO		NO	bb
9	9 200715M1_11	Standard	12.500	2.23	7708.376	16283.072	5.917	12.6	1.0	NO		NO	bb
10	10 200715M1_12	Standard	12.500	2.23	7581.180	14982.611	6.325	13.5	7.9	NO		NO	MM

Compound name: 13C3-PFBS-EIS

Response Factor: 132.713

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	2.51	1588.639		1588.639	12.0	-4.2	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	2.51	1578.119		1578.119	11.9	-4.9	NO		NO	MMX
3	3 200715M1_5	Standard	12.500	2.51	1537.663		1537.663	11.6	-7.3	NO		NO	bbX
4	4 200715M1_6	Standard	12.500	2.51	1597.334		1597.334	12.0	-3.7	NO		NO	bbX
5	5 200715M1_7	Standard	12.500	2.51	1674.115		1674.115	12.6	0.9	NO		NO	bbX
6	6 200715M1_8	Standard	12.500	2.51	1658.911		1658.911	12.5	0.0	NO		NO	bb
7	7 200715M1_9	Standard	12.500	2.51	1610.910		1610.910	12.1	-2.9	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	2.51	1666.353		1666.353	12.6	0.4	NO		NO	MMX
9	9 200715M1_11	Standard	12.500	2.52	1563.281		1563.281	11.8	-5.8	NO		NO	bbX
10	10 200715M1_12	Standard	12.500	2.51	1495.844		1495.844	11.3	-9.8	NO		NO	bbX

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Compound name: 13C3-PFBS-RSD

Response Factor: 0.76848

RRF SD: 0.0472063, Relative SD: 6.14281

Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	2.51	1588.639	2121.129	9.362	12.2	-2.5	NO		NO	bb
2	2 200715M1_4	Standard	12.500	2.51	1576.935	2023.361	9.742	12.7	1.4	NO		NO	MM
3	3 200715M1_5	Standard	12.500	2.51	1537.794	1841.082	10.441	13.6	8.7	NO		NO	bb
4	4 200715M1_6	Standard	12.500	2.51	1597.334	2210.802	9.031	11.8	-6.0	NO		NO	bb
5	5 200715M1_7	Standard	12.500	2.51	1674.115	2389.930	8.756	11.4	-8.8	NO		NO	bb
6	6 200715M1_8	Standard	12.500	2.51	1628.102	2222.832	9.156	11.9	-4.7	NO		NO	bd
7	7 200715M1_9	Standard	12.500	2.51	1613.348	2165.071	9.315	12.1	-3.0	NO		NO	MM
8	8 200715M1_10	Standard	12.500	2.51	1662.079	1969.061	10.551	13.7	9.8	NO		NO	MM
9	9 200715M1_11	Standard	12.500	2.52	1588.007	2006.865	9.891	12.9	3.0	NO		NO	bb
10	10 200715M1_12	Standard	12.500	2.51	1495.844	1905.016	9.815	12.8	2.2	NO		NO	bb

Compound name: 13C3-HFPO-DA-EIS

Response Factor: 95.6092

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	3.27	1206.299		1206.299	12.6	0.9	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	3.27	1234.542		1234.542	12.9	3.3	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	3.27	1184.322		1184.322	12.4	-0.9	NO		NO	bbX
4	4 200715M1_6	Standard	12.500	3.27	1105.480		1105.480	11.6	-7.5	NO		NO	bbX
5	5 200715M1_7	Standard	12.500	3.27	1235.498		1235.498	12.9	3.4	NO		NO	MMX
6	6 200715M1_8	Standard	12.500	3.27	1195.115		1195.115	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	3.27	1091.459		1091.459	11.4	-8.7	NO		NO	bbX
8	8 200715M1_10	Standard	12.500	3.27	1085.391		1085.391	11.4	-9.2	NO		NO	bbX
9	9 200715M1_11	Standard	12.500	3.27	1139.857		1139.857	11.9	-4.6	NO		NO	bbX
10	10 200715M1_12	Standard	12.500	3.27	1049.959		1049.959	11.0	-12.1	NO		NO	bbX

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Compound name: 13C3-HFPO-DA-RSD

Response Factor: 0.0706461

RRF SD: 0.0042111, Relative SD: 5.96084

Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	3.27	1206.299	15165.624	0.994	14.1	12.6	NO		NO	bb
2	2 200715M1_4	Standard	12.500	3.27	1234.542	16511.236	0.935	13.2	5.8	NO		NO	bb
3	3 200715M1_5	Standard	12.500	3.27	1184.322	16169.102	0.916	13.0	3.7	NO		NO	bb
4	4 200715M1_6	Standard	12.500	3.27	1105.480	16907.969	0.817	11.6	-7.5	NO		NO	bb
5	5 200715M1_7	Standard	12.500	3.27	1234.302	18526.199	0.833	11.8	-5.7	NO		NO	MM
6	6 200715M1_8	Standard	12.500	3.27	1194.602	16965.084	0.880	12.5	-0.3	NO		NO	MM
7	7 200715M1_9	Standard	12.500	3.27	1091.459	16047.514	0.850	12.0	-3.7	NO		NO	bb
8	8 200715M1_10	Standard	12.500	3.27	1085.391	15871.535	0.855	12.1	-3.2	NO		NO	bb
9	9 200715M1_11	Standard	12.500	3.27	1139.857	16283.072	0.875	12.4	-0.9	NO		NO	bb
10	10 200715M1_12	Standard	12.500	3.27	1049.959	14982.611	0.876	12.4	-0.8	NO		NO	bb

Compound name: 13C2-4:2 FTS-EIS

Response Factor: 225.093

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	2.96	2500.828		2500.828	11.1	-11.1	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	2.96	2644.010		2644.010	11.7	-6.0	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	2.96	2578.922		2578.922	11.5	-8.3	NO		NO	MMX
4	4 200715M1_6	Standard	12.500	2.96	2736.076		2736.076	12.2	-2.8	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	2.96	3007.869		3007.869	13.4	6.9	NO		NO	bbX
6	6 200715M1_8	Standard	12.500	2.96	2813.665		2813.665	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	2.96	2570.640		2570.640	11.4	-8.6	NO		NO	bbX
8	8 200715M1_10	Standard	12.500	2.96	2368.017		2368.017	10.5	-15.8	NO		NO	bbX
9	9 200715M1_11	Standard	12.500	2.96	2286.208		2286.208	10.2	-18.7	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	2.96	2122.146		2122.146	9.4	-24.6	NO		NO	bbX

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Compound name: 13C2-4:2 FTS-RSD

Response Factor: 1.22991

RRF SD: 0.0867742, Relative SD: 7.05534

Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	2.96	2500.828	2121.129	14.738	12.0	-4.1	NO		NO	bb
2	2 200715M1_4	Standard	12.500	2.96	2644.010	2023.361	16.334	13.3	6.2	NO		NO	bb
3	3 200715M1_5	Standard	12.500	2.96	2596.389	1841.082	17.628	14.3	14.7	NO		NO	MM
4	4 200715M1_6	Standard	12.500	2.96	2735.970	2210.802	15.469	12.6	0.6	NO		NO	MM
5	5 200715M1_7	Standard	12.500	2.96	3007.869	2389.930	15.732	12.8	2.3	NO		NO	bb
6	6 200715M1_8	Standard	12.500	2.96	2813.666	2222.832	15.823	12.9	2.9	NO		NO	MM
7	7 200715M1_9	Standard	12.500	2.96	2570.640	2165.071	14.842	12.1	-3.5	NO		NO	bb
8	8 200715M1_10	Standard	12.500	2.96	2368.017	1969.061	15.033	12.2	-2.2	NO		NO	bb
9	9 200715M1_11	Standard	12.500	2.96	2282.325	2006.865	14.216	11.6	-7.5	NO		NO	MM
10	10 200715M1_12	Standard	12.500	2.96	2122.146	1905.016	13.925	11.3	-9.4	NO		NO	bb

Compound name: 13C2-PFHxA-EIS

Response Factor: 1140.4

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	3.04	13849.214		13849.214	12.1	-2.8	NO		NO	MMX
2	2 200715M1_4	Standard	12.500	3.04	13735.677		13735.677	12.0	-3.6	NO		NO	MMX
3	3 200715M1_5	Standard	12.500	3.05	13710.646		13710.646	12.0	-3.8	NO		NO	MMX
4	4 200715M1_6	Standard	12.500	3.05	14070.766		14070.766	12.3	-1.3	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	3.05	15302.237		15302.237	13.4	7.3	NO		NO	bbX
6	6 200715M1_8	Standard	12.500	3.05	14254.992		14254.992	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	3.05	14194.674		14194.674	12.4	-0.4	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	3.05	13668.045		13668.045	12.0	-4.1	NO		NO	MMX
9	9 200715M1_11	Standard	12.500	3.04	14255.167		14255.167	12.5	0.0	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	3.05	13273.075		13273.075	11.6	-6.9	NO		NO	MMX

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Compound name: 13C2-PFHxA-RSD

Response Factor: 0.860015

RRF SD: 0.0292291, Relative SD: 3.39868

Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	3.04	13861.319	15165.624	11.425	13.3	6.3	NO		NO	MM
2	2 200715M1_4	Standard	12.500	3.04	13730.972	16511.236	10.395	12.1	-3.3	NO		NO	MM
3	3 200715M1_5	Standard	12.500	3.05	13713.138	16169.102	10.601	12.3	-1.4	NO		NO	MM
4	4 200715M1_6	Standard	12.500	3.05	14068.944	16907.969	10.401	12.1	-3.2	NO		NO	MM
5	5 200715M1_7	Standard	12.500	3.05	15302.237	18526.199	10.325	12.0	-4.0	NO		NO	bb
6	6 200715M1_8	Standard	12.500	3.05	14268.659	16965.084	10.513	12.2	-2.2	NO		NO	MM
7	7 200715M1_9	Standard	12.500	3.05	14192.576	16047.514	11.055	12.9	2.8	NO		NO	MM
8	8 200715M1_10	Standard	12.500	3.05	13664.960	15871.535	10.762	12.5	0.1	NO		NO	MM
9	9 200715M1_11	Standard	12.500	3.04	14258.965	16283.072	10.946	12.7	1.8	NO		NO	MM
10	10 200715M1_12	Standard	12.500	3.05	13278.063	14982.611	11.078	12.9	3.0	NO		NO	MM

Compound name: 13C4-PFHpA-EIS

Response Factor: 678.25

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	3.66	8359.609		8359.609	12.3	-1.4	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	3.66	8266.442		8266.442	12.2	-2.5	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	3.66	8220.309		8220.309	12.1	-3.0	NO		NO	MMX
4	4 200715M1_6	Standard	12.500	3.66	8026.460		8026.460	11.8	-5.3	NO		NO	bbX
5	5 200715M1_7	Standard	12.500	3.66	8886.182		8886.182	13.1	4.8	NO		NO	bbX
6	6 200715M1_8	Standard	12.500	3.66	8478.127		8478.127	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	3.66	7991.593		7991.593	11.8	-5.7	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	3.66	8326.295		8326.295	12.3	-1.8	NO		NO	bbX
9	9 200715M1_11	Standard	12.500	3.66	7968.048		7968.048	11.7	-6.0	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	3.67	7203.576		7203.576	10.6	-15.0	NO		NO	bbX

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Compound name: 13C4-PFHpA-RSD

Response Factor: 0.500588

RRF SD: 0.0232434, Relative SD: 4.64321

Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	3.66	8359.609	15165.624	6.890	13.8	10.1	NO		NO	bb
2	2 200715M1_4	Standard	12.500	3.66	8266.442	16511.236	6.258	12.5	0.0	NO		NO	bb
3	3 200715M1_5	Standard	12.500	3.66	8218.623	16169.102	6.354	12.7	1.5	NO		NO	bb
4	4 200715M1_6	Standard	12.500	3.66	8026.460	16907.969	5.934	11.9	-5.2	NO		NO	bb
5	5 200715M1_7	Standard	12.500	3.66	8886.182	18526.199	5.996	12.0	-4.2	NO		NO	bb
6	6 200715M1_8	Standard	12.500	3.66	8478.101	16965.084	6.247	12.5	-0.2	NO		NO	MM
7	7 200715M1_9	Standard	12.500	3.66	7993.429	16047.514	6.226	12.4	-0.5	NO		NO	MM
8	8 200715M1_10	Standard	12.500	3.66	8326.295	15871.535	6.558	13.1	4.8	NO		NO	bb
9	9 200715M1_11	Standard	12.500	3.66	7947.621	16283.072	6.101	12.2	-2.5	NO		NO	MM
10	10 200715M1_12	Standard	12.500	3.67	7203.576	14982.611	6.010	12.0	-4.0	NO		NO	bb

Compound name: 13C3-PFHxS-EIS

Response Factor: 300.225

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	3.81	3603.641		3603.641	12.0	-4.0	NO		NO	MMX
2	2 200715M1_4	Standard	12.500	3.81	3744.717		3744.717	12.5	-0.2	NO		NO	MMX
3	3 200715M1_5	Standard	12.500	3.81	3396.599		3396.599	11.3	-9.5	NO		NO	MMX
4	4 200715M1_6	Standard	12.500	3.81	3805.583		3805.583	12.7	1.4	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	3.81	3927.901		3927.901	13.1	4.7	NO		NO	MMX
6	6 200715M1_8	Standard	12.500	3.81	3752.807		3752.807	12.5	0.0	NO		NO	bb
7	7 200715M1_9	Standard	12.500	3.81	3892.143		3892.143	13.0	3.7	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	3.81	3784.593		3784.593	12.6	0.8	NO		NO	MMX
9	9 200715M1_11	Standard	12.500	3.81	3486.138		3486.138	11.6	-7.1	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	3.81	3407.862		3407.862	11.4	-9.2	NO		NO	MMX

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Compound name: 13C3-PFHxS-RSD

Response Factor: 1.76963

RRF SD: 0.0864699, Relative SD: 4.88632

Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	3.81	3604.292	2121.129	21.240	12.0	-4.0	NO		NO	MM
2	2 200715M1_4	Standard	12.500	3.81	3744.740	2023.361	23.134	13.1	4.6	NO		NO	MM
3	3 200715M1_5	Standard	12.500	3.81	3394.239	1841.082	23.045	13.0	4.2	NO		NO	MM
4	4 200715M1_6	Standard	12.500	3.81	3806.137	2210.802	21.520	12.2	-2.7	NO		NO	MM
5	5 200715M1_7	Standard	12.500	3.81	3928.495	2389.930	20.547	11.6	-7.1	NO		NO	MM
6	6 200715M1_8	Standard	12.500	3.81	3752.807	2222.832	21.104	11.9	-4.6	NO		NO	bb
7	7 200715M1_9	Standard	12.500	3.81	3892.194	2165.071	22.472	12.7	1.6	NO		NO	MM
8	8 200715M1_10	Standard	12.500	3.81	3784.847	1969.061	24.027	13.6	8.6	NO		NO	MM
9	9 200715M1_11	Standard	12.500	3.81	3487.840	2006.865	21.724	12.3	-1.8	NO		NO	MM
10	10 200715M1_12	Standard	12.500	3.81	3412.247	1905.016	22.390	12.7	1.2	NO		NO	MM

Compound name: 13C2-6:2 FTS-EIS

Response Factor: 179.073

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.12	2192.839		2192.839	12.2	-2.0	NO		NQ	bbX
2	2 200715M1_4	Standard	12.500	4.12	2169.043		2169.043	12.1	-3.1	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	4.12	2546.394		2546.394	14.2	13.8	NO		NO	MMX
4	4 200715M1_6	Standard	12.500	4.12	2325.632		2325.632	13.0	3.9	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	4.12	2570.855		2570.855	14.4	14.9	NO		NO	MMX
6	6 200715M1_8	Standard	12.500	4.12	2238.409		2238.409	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	4.12	2195.068		2195.068	12.3	-1.9	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	4.12	2031.595		2031.595	11.3	-9.2	NO		NO	bbX
9	9 200715M1_11	Standard	12.500	4.12	1989.764		1989.764	11.1	-11.1	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	4.12	1902.262		1902.262	10.6	-15.0	NO		NO	MMX

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Compound name: 13C2-6:2 FTS-RSD

Response Factor: 0.531067

RRF SD: 0.0453183, Relative SD: 8.53343

Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.12	2192.839	4004.379	6.845	12.9	3.1	NO		NO	bb
2	2 200715M1_4	Standard	12.500	4.12	2169.043	4115.850	6.587	12.4	-0.8	NO		NO	bb
3	3 200715M1_5	Standard	12.500	4.12	2551.767	4318.500	7.386	13.9	11.3	NO		NO	MM
4	4 200715M1_6	Standard	12.500	4.12	2325.184	4358.610	6.668	12.6	0.5	NO		NO	MM
5	5 200715M1_7	Standard	12.500	4.12	2579.592	4459.583	7.230	13.6	8.9	NO		NO	MM
6	6 200715M1_8	Standard	12.500	4.12	2233.862	3779.397	7.388	13.9	11.3	NO		NO	MM
7	7 200715M1_9	Standard	12.500	4.12	2216.484	4441.667	6.238	11.7	-6.0	NO		NO	MM
8	8 200715M1_10	Standard	12.500	4.12	2031.595	4154.363	6.113	11.5	-7.9	NO		NO	bb
9	9 200715M1_11	Standard	12.500	4.12	1997.869	4262.748	5.859	11.0	-11.7	NO		NO	MM
10	10 200715M1_12	Standard	12.500	4.12	1899.936	3913.575	6.068	11.4	-8.6	NO		NO	MM

Compound name: 13C5-PFNA-EIS

Response Factor: 1357.42

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.61	12918.478		12918.478	9.5	-23.9	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	4.61	15931.702		15931.702	11.7	-6.1	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	4.61	15032.104		15032.104	11.1	-11.4	NO		NO	bbX
4	4 200715M1_6	Standard	12.500	4.62	16805.354		16805.354	12.4	-1.0	NO		NO	bbX
5	5 200715M1_7	Standard	12.500	4.61	17572.900		17572.900	12.9	3.6	NO		NO	MMX
6	6 200715M1_8	Standard	12.500	4.62	16967.709		16967.709	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	4.62	15947.166		15947.166	11.7	-6.0	NO		NO	bbX
8	8 200715M1_10	Standard	12.500	4.62	16022.165		16022.165	11.8	-5.6	NO		NO	bbX
9	9 200715M1_11	Standard	12.500	4.62	15178.310		15178.310	11.2	-10.5	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	4.62	13875.285		13875.285	10.2	-18.2	NO		NO	MMX

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Compound name: 13C5-PFNA-RSD

Response Factor: 0.942581

RRF SD: 0.0473325, Relative SD: 5.02159

Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.61	12918.478	12205.961	13.230	14.0	12.3	NO		NO	bb
2	2 200715M1_4	Standard	12.500	4.61	15931.702	17179.746	11.592	12.3	-1.6	NO		NO	bb
3	3 200715M1_5	Standard	12.500	4.61	15032.104	16457.924	11.417	12.1	-3.1	NO		NO	bb
4	4 200715M1_6	Standard	12.500	4.62	16805.354	17364.441	12.098	12.8	2.7	NO		NO	bb
5	5 200715M1_7	Standard	12.500	4.61	17452.680	18033.172	12.098	12.8	2.7	NO		NO	MM
6	6 200715M1_8	Standard	12.500	4.62	16963.756	18779.924	11.291	12.0	-4.2	NO		NO	MM
7	7 200715M1_9	Standard	12.500	4.62	15947.166	17647.207	11.296	12.0	-4.1	NO		NO	bb
8	8 200715M1_10	Standard	12.500	4.62	16022.165	17305.980	11.573	12.3	-1.8	NO		NO	bb
9	9 200715M1_11	Standard	12.500	4.62	15152.724	15986.530	11.848	12.6	0.6	NO		NO	MM
10	10 200715M1_12	Standard	12.500	4.62	13910.761	15278.456	11.381	12.1	-3.4	NO		NO	MM

Compound name: 13C8-PFOSA-EIS

Response Factor: 485.33

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.66	5684.478		5684.478	11.7	-6.3	NO		NO	MMX
2	2 200715M1_4	Standard	12.500	4.66	6062.049		6062.049	12.5	-0.1	NO		NO	MMX
3	3 200715M1_5	Standard	12.500	4.66	5429.739		5429.739	11.2	-10.5	NO		NO	MMX
4	4 200715M1_6	Standard	12.500	4.66	5392.492		5392.492	11.1	-11.1	NO		NO	bbX
5	5 200715M1_7	Standard	12.500	4.66	5907.124		5907.124	12.2	-2.6	NO		NO	bbX
6	6 200715M1_8	Standard	12.500	4.66	6066.631		6066.631	12.5	0.0	NO		NO	bb
7	7 200715M1_9	Standard	12.500	4.66	5648.320		5648.320	11.6	-6.9	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	4.66	5544.292		5544.292	11.4	-8.6	NO		NO	bbX
9	9 200715M1_11	Standard	12.500	4.66	5785.917		5785.917	11.9	-4.6	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	4.67	5580.908		5580.908	11.5	-8.0	NO		NO	MMX

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Compound name: 13C8-PFOSA-RSD

Response Factor: 0.224729

RRF SD: 0.0128889, Relative SD: 5.73534

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.66	5683.938	25187.146	2.821	12.6	0.4	NO		NO	MM
2	2 200715M1_4	Standard	12.500	4.66	6061.798	26669.326	2.841	12.6	1.1	NO		NO	MM
3	3 200715M1_5	Standard	12.500	4.66	5428.826	23479.758	2.890	12.9	2.9	NO		NO	MM
4	4 200715M1_6	Standard	12.500	4.66	5392.492	26826.811	2.513	11.2	-10.6	NO		NO	bb
5	5 200715M1_7	Standard	12.500	4.66	5907.124	28207.387	2.618	11.6	-6.8	NO		NO	bb
6	6 200715M1_8	Standard	12.500	4.66	6066.631	26910.139	2.818	12.5	0.3	NO		NO	bb
7	7 200715M1_9	Standard	12.500	4.66	5645.897	24665.676	2.861	12.7	1.9	NO		NO	MM
8	8 200715M1_10	Standard	12.500	4.66	5544.292	25617.725	2.705	12.0	-3.7	NO		NO	bb
9	9 200715M1_11	Standard	12.500	4.66	5749.287	24280.848	2.960	13.2	5.4	NO		NO	MM
10	10 200715M1_12	Standard	12.500	4.67	5574.598	22740.701	3.064	13.6	9.1	NO		NO	MM

Compound name: 13C2-PFOA-EIS

Response Factor: 1379.3

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.17	16276.913		16276.913	11.8	-5.6	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	4.18	16437.480		16437.480	11.9	-4.7	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	4.18	16220.784		16220.784	11.8	-5.9	NO		NO	bbX
4	4 200715M1_6	Standard	12.500	4.18	17503.104		17503.104	12.7	1.5	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	4.18	18882.857		18882.857	13.7	9.5	NO		NO	MMX
6	6 200715M1_8	Standard	12.500	4.18	17241.262		17241.262	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	4.18	16069.390		16069.390	11.7	-6.8	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	4.18	16359.328		16359.328	11.9	-5.1	NO		NO	MMX
9	9 200715M1_11	Standard	12.500	4.18	15858.872		15858.872	11.5	-8.0	NO		NO	bbX
10	10 200715M1_12	Standard	12.500	4.18	14544.563		14544.563	10.5	-15.6	NO		NO	bbX

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Compound name: 13C2-PFOA-RSD

Response Factor: 0.695344

RRF SD: 0.0167803, Relative SD: 2.41323

Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.17	16276.913	22375.002	9.093	13.1	4.6	NO		NO	bb
2	2 200715M1_4	Standard	12.500	4.18	16437.480	24619.717	8.346	12.0	-4.0	NO		NO	bb
3	3 200715M1_5	Standard	12.500	4.18	16220.784	23483.850	8.634	12.4	-0.7	NO		NO	bb
4	4 200715M1_6	Standard	12.500	4.18	17506.318	25044.734	8.738	12.6	0.5	NO		NO	MM
5	5 200715M1_7	Standard	12.500	4.18	18881.637	27821.918	8.483	12.2	-2.4	NO		NO	MM
6	6 200715M1_8	Standard	12.500	4.18	17231.365	24728.844	8.710	12.5	0.2	NO		NO	MM
7	7 200715M1_9	Standard	12.500	4.18	16088.838	23415.309	8.589	12.4	-1.2	NO		NO	MM
8	8 200715M1_10	Standard	12.500	4.18	16260.987	22926.961	8.866	12.8	2.0	NO		NO	MM
9	9 200715M1_11	Standard	12.500	4.18	15858.872	22984.322	8.625	12.4	-0.8	NO		NO	bb
10	10 200715M1_12	Standard	12.500	4.18	14544.563	20578.494	8.835	12.7	1.6	NO		NO	bb

Compound name: 13C8-PFOS-EIS

Response Factor: 325.478

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.70	4103.405		4103.405	12.6	0.9	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	4.70	4241.993		4241.993	13.0	4.3	NO		NO	MMX
3	3 200715M1_5	Standard	12.500	4.70	3865.490		3865.490	11.9	-5.0	NO		NO	bbX
4	4 200715M1_6	Standard	12.500	4.70	4573.725		4573.725	14.1	12.4	NO		NO	bbX
5	5 200715M1_7	Standard	12.500	4.70	4292.235		4292.235	13.2	5.5	NO		NO	bbX
6	6 200715M1_8	Standard	12.500	4.70	4068.479		4068.479	12.5	0.0	NO		NO	bb
7	7 200715M1_9	Standard	12.500	4.70	4116.464		4116.464	12.6	1.2	NO		NO	bbX
8	8 200715M1_10	Standard	12.500	4.70	4282.628		4282.628	13.2	5.3	NO		NO	bbX
9	9 200715M1_11	Standard	12.500	4.70	3999.260		3999.260	12.3	-1.7	NO		NO	bbX
10	10 200715M1_12	Standard	12.500	4.70	3920.758		3920.758	12.0	-3.6	NO		NO	bbX

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Compound name: 13C8-PFOS-RSD

Response Factor: 0.993621

RRF SD: 0.059595, Relative SD: 5.99776

Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.70	4103.405	4004.379	12.809	12.9	3.1	NO		NO	bb
2	2 200715M1_4	Standard	12.500	4.70	4240.889	4115.850	12.880	13.0	3.7	NO		NO	MM
3	3 200715M1_5	Standard	12.500	4.70	3865.490	4318.500	11.189	11.3	-9.9	NO		NO	bb
4	4 200715M1_6	Standard	12.500	4.70	4573.725	4358.610	13.117	13.2	5.6	NO		NO	bb
5	5 200715M1_7	Standard	12.500	4.70	4292.235	4459.583	12.031	12.1	-3.1	NO		NO	bb
6	6 200715M1_8	Standard	12.500	4.70	4068.479	3779.397	13.456	13.5	8.3	NO		NO	bb
7	7 200715M1_9	Standard	12.500	4.70	4116.464	4441.667	11.585	11.7	-6.7	NO		NO	bb
8	8 200715M1_10	Standard	12.500	4.70	4282.628	4154.363	12.886	13.0	3.7	NO		NO	bb
9	9 200715M1_11	Standard	12.500	4.70	3999.260	4262.748	11.727	11.8	-5.6	NO		NO	bb
10	10 200715M1_12	Standard	12.500	4.70	3920.758	3913.575	12.523	12.6	0.8	NO		NO	bb

Compound name: 13C2-PFDA-EIS

Response Factor: 1297.09

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.99	16470.783		16470.783	12.7	1.6	NO		NO	MMX
2	2 200715M1_4	Standard	12.500	4.99	16286.476		16286.476	12.6	0.4	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	4.99	15465.957		15465.957	11.9	-4.6	NO		NO	bbX
4	4 200715M1_6	Standard	12.500	4.99	13836.718		13836.718	10.7	-14.7	NO		NO	bbX
5	5 200715M1_7	Standard	12.500	4.99	17583.635		17583.635	13.6	8.4	NO		NO	MMX
6	6 200715M1_8	Standard	12.500	4.99	16213.641		16213.641	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	4.99	16955.154		16955.154	13.1	4.6	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	4.99	16067.380		16067.380	12.4	-0.9	NO		NO	bbX
9	9 200715M1_11	Standard	12.500	4.99	15709.929		15709.929	12.1	-3.1	NO		NO	bbX
10	10 200715M1_12	Standard	12.500	5.00	14424.368		14424.368	11.1	-11.0	NO		NO	bbX

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Compound name: 13C2-PFDA-RSD

Response Factor: 0.782852

RRF SD: 0.0422818, Relative SD: 5.401

Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.99	16478.641	19488.051	10.570	13.5	8.0	NO		NO	MM
2	2 200715M1_4	Standard	12.500	4.99	16286.476	20891.623	9.745	12.4	-0.4	NO		NO	bb
3	3 200715M1_5	Standard	12.500	4.99	15465.957	20198.857	9.571	12.2	-2.2	NO		NO	bb
4	4 200715M1_6	Standard	12.500	4.99	13836.718	19530.875	8.856	11.3	-9.5	NO		NO	bb
5	5 200715M1_7	Standard	12.500	4.99	17581.564	22094.248	9.947	12.7	1.6	NO		NO	MM
6	6 200715M1_8	Standard	12.500	4.99	16214.437	22507.453	9.005	11.5	-8.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	4.99	16955.297	21049.486	10.069	12.9	2.9	NO		NO	MM
8	8 200715M1_10	Standard	12.500	4.99	16067.380	19649.299	10.221	13.1	4.5	NO		NO	bb
9	9 200715M1_11	Standard	12.500	4.99	15709.929	19500.191	10.070	12.9	2.9	NO		NO	bb
10	10 200715M1_12	Standard	12.500	5.00	14424.368	18392.611	9.803	12.5	0.2	NO		NO	bb

Compound name: 13C2-8:2 FTS-EIS

Response Factor: 196.072

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.96	2487.122		2487.122	12.7	1.5	NO		NO	MMX
2	2 200715M1_4	Standard	12.500	4.96	2551.278		2551.278	13.0	4.1	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	4.96	2419.287		2419.287	12.3	-1.3	NO		NO	bbX
4	4 200715M1_6	Standard	12.500	4.96	2343.060		2343.060	12.0	-4.4	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	4.96	2691.968		2691.968	13.7	9.8	NO		NO	bbX
6	6 200715M1_8	Standard	12.500	4.96	2450.895		2450.895	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	4.96	2363.442		2363.442	12.1	-3.6	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	4.96	2525.837		2525.837	12.9	3.1	NO		NO	MMX
9	9 200715M1_11	Standard	12.500	4.96	2231.093		2231.093	11.4	-9.0	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	4.96	2088.632		2088.632	10.7	-14.8	NO		NO	bbX

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Compound name: 13C2-8:2 FTS-RSD

Response Factor: 0.579137

RRF SD: 0.0465735, Relative SD: 8.04188

Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.96	2494.596	4004.379	7.787	13.4	7.6	NO		NO	MM
2	2 200715M1_4	Standard	12.500	4.96	2551.278	4115.850	7.748	13.4	7.0	NO		NO	bb
3	3 200715M1_5	Standard	12.500	4.96	2419.287	4318.500	7.003	12.1	-3.3	NO		NO	bb
4	4 200715M1_6	Standard	12.500	4.96	2341.926	4358.610	6.716	11.6	-7.2	NO		NO	MM
5	5 200715M1_7	Standard	12.500	4.96	2691.968	4459.583	7.545	13.0	4.2	NO		NO	bb
6	6 200715M1_8	Standard	12.500	4.96	2457.502	3779.397	8.128	14.0	12.3	NO		NO	MM
7	7 200715M1_9	Standard	12.500	4.96	2366.188	4441.667	6.659	11.5	-8.0	NO		NO	MM
8	8 200715M1_10	Standard	12.500	4.96	2524.476	4154.363	7.596	13.1	4.9	NO		NO	MM
9	9 200715M1_11	Standard	12.500	4.96	2229.647	4262.748	6.538	11.3	-9.7	NO		NO	MM
10	10 200715M1_12	Standard	12.500	4.96	2088.632	3913.575	6.671	11.5	-7.8	NO		NO	bb

Compound name: d3-N-MeFOSAA-EIS

Response Factor: 1028.35

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	5.14	12986.963		12986.963	12.6	1.0	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	5.14	12744.641		12744.641	12.4	-0.9	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	5.14	12235.014		12235.014	11.9	-4.8	NO		NO	MMX
4	4 200715M1_6	Standard	12.500	5.14	12940.886		12940.886	12.6	0.7	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	5.14	13760.870		13760.870	13.4	7.1	NO		NO	MMX
6	6 200715M1_8	Standard	12.500	5.14	12854.320		12854.320	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	5.14	12641.216		12641.216	12.3	-1.7	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	5.14	13349.120		13349.120	13.0	3.8	NO		NO	MMX
9	9 200715M1_11	Standard	12.500	5.14	12789.861		12789.861	12.4	-0.5	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	5.14	12512.507		12512.507	12.2	-2.7	NO		NO	MMX

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Compound name: d3-N-MeFOSAA-RSD

Response Factor: 0.507351
 RRF SD: 0.0246084, Relative SD: 4.85037
 Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	5.14	12986.963	25187.146	6.445	12.7	1.6	NO		NO	bb
2	2 200715M1_4	Standard	12.500	5.14	12744.641	26669.326	5.973	11.8	-5.8	NO		NO	bb
3	3 200715M1_5	Standard	12.500	5.14	12234.564	23479.758	6.513	12.8	2.7	NO		NO	MM
4	4 200715M1_6	Standard	12.500	5.14	12949.771	26826.811	6.034	11.9	-4.9	NO		NO	MM
5	5 200715M1_7	Standard	12.500	5.14	13759.953	28207.387	6.098	12.0	-3.9	NO		NO	MM
6	6 200715M1_8	Standard	12.500	5.14	12850.570	26910.139	5.969	11.8	-5.9	NO		NO	MM
7	7 200715M1_9	Standard	12.500	5.14	12646.376	24665.676	6.409	12.6	1.1	NO		NO	MM
8	8 200715M1_10	Standard	12.500	5.14	13356.086	25617.725	6.517	12.8	2.8	NO		NO	MM
9	9 200715M1_11	Standard	12.500	5.14	12778.649	24280.848	6.579	13.0	3.7	NO		NO	MM
10	10 200715M1_12	Standard	12.500	5.14	12519.312	22740.701	6.882	13.6	8.5	NO		NO	MM

Compound name: 13C2-PFudA-EIS

Response Factor: 1982.39
 RRF SD: 0, Relative SD: 0
 Response type: External Std, Area
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	5.32	21713.557		21713.557	11.0	-12.4	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	5.32	21823.635		21823.635	11.0	-11.9	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	5.32	22818.738		22818.738	11.5	-7.9	NO		NO	bbX
4	4 200715M1_6	Standard	12.500	5.32	23585.467		23585.467	11.9	-4.8	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	5.32	25240.473		25240.473	12.7	1.9	NO		NO	MMX
6	6 200715M1_8	Standard	12.500	5.32	24779.875		24779.875	12.5	0.0	NO		NO	bb
7	7 200715M1_9	Standard	12.500	5.32	20155.475		20155.475	10.2	-18.7	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	5.32	21906.117		21906.117	11.1	-11.6	NO		NO	bbX
9	9 200715M1_11	Standard	12.500	5.32	22967.895		22967.895	11.6	-7.3	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	5.32	21297.865		21297.865	10.7	-14.1	NO		NO	MMX

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Compound name: 13C2-PFUDa-RSD

Response Factor: 0.890054

RRF SD: 0.0528495, Relative SD: 5.93779

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	5.32	21713.557	25187.146	10.776	12.1	-3.1	NO		NO	bb
2	2 200715M1_4	Standard	12.500	5.32	21823.635	26669.326	10.229	11.5	-8.1	NO		NO	bb
3	3 200715M1_5	Standard	12.500	5.32	22818.738	23479.758	12.148	13.6	9.2	NO		NO	bb
4	4 200715M1_6	Standard	12.500	5.32	23644.465	26826.811	11.017	12.4	-1.0	NO		NO	MM
5	5 200715M1_7	Standard	12.500	5.32	25260.326	28207.387	11.194	12.6	0.6	NO		NO	MM
6	6 200715M1_8	Standard	12.500	5.32	24779.875	26910.139	11.510	12.9	3.5	NO		NO	bb
7	7 200715M1_9	Standard	12.500	5.32	20154.992	24665.676	10.214	11.5	-8.2	NO		NO	MM
8	8 200715M1_10	Standard	12.500	5.32	21906.117	25617.725	10.689	12.0	-3.9	NO		NO	bb
9	9 200715M1_11	Standard	12.500	5.32	22977.580	24280.848	11.829	13.3	6.3	NO		NO	MM
10	10 200715M1_12	Standard	12.500	5.32	21194.252	22740.701	11.650	13.1	4.7	NO		NO	MM

Compound name: d5-N-EtFOSAA-EIS

Response Factor: 1002.51

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	5.30	11511.801		11511.801	11.5	-8.1	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	5.30	11378.273		11378.273	11.3	-9.2	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	5.30	10755.292		10755.292	10.7	-14.2	NO		NO	bbX
4	4 200715M1_6	Standard	12.500	5.30	10768.891		10768.891	10.7	-14.1	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	5.30	13311.401		13311.401	13.3	6.2	NO		NO	bbX
6	6 200715M1_8	Standard	12.500	5.30	12531.320		12531.320	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	5.30	11441.161		11441.161	11.4	-8.7	NO		NO	bbX
8	8 200715M1_10	Standard	12.500	5.30	10944.914		10944.914	10.9	-12.7	NO		NO	bbX
9	9 200715M1_11	Standard	12.500	5.30	10571.330		10571.330	10.5	-15.6	NO		NO	bbX
10	10 200715M1_12	Standard	12.500	5.30	9943.763		9943.763	9.9	-20.6	NO		NO	MMX

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Compound name: d5-N-EtFOSAA-RSD

Response Factor: 0.444305

RRF SD: 0.0224136, Relative SD: 5.04464

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	5.30	11511.801	25187.146	5.713	12.9	2.9	NO		NO	bb
2	2 200715M1_4	Standard	12.500	5.30	11378.273	26669.326	5.333	12.0	-4.0	NO		NO	bb
3	3 200715M1_5	Standard	12.500	5.30	10755.292	23479.758	5.726	12.9	3.1	NO		NO	bb
4	4 200715M1_6	Standard	12.500	5.30	10768.618	26826.811	5.018	11.3	-9.7	NO		NO	MM
5	5 200715M1_7	Standard	12.500	5.30	13311.401	28207.387	5.899	13.3	6.2	NO		NO	bb
6	6 200715M1_8	Standard	12.500	5.30	12519.506	26910.139	5.815	13.1	4.7	NO		NO	MM
7	7 200715M1_9	Standard	12.500	5.30	11441.161	24665.676	5.798	13.0	4.4	NO		NO	bb
8	8 200715M1_10	Standard	12.500	5.30	10944.914	25617.725	5.340	12.0	-3.8	NO		NO	bb
9	9 200715M1_11	Standard	12.500	5.30	10571.330	24280.848	5.442	12.2	-2.0	NO		NO	bb
10	10 200715M1_12	Standard	12.500	5.30	9920.904	22740.701	5.453	12.3	-1.8	NO		NO	MM

Compound name: 13C2-PFDoA-EIS

Response Factor: 2377.11

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	5.61	27216.324		27216.324	11.4	-8.4	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	5.61	27789.732		27789.732	11.7	-6.5	NO		NO	MMX
3	3 200715M1_5	Standard	12.500	5.61	27263.471		27263.471	11.5	-8.2	NO		NO	MMX
4	4 200715M1_6	Standard	12.500	5.61	29136.977		29136.977	12.3	-1.9	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	5.61	31340.125		31340.125	13.2	5.5	NO		NO	MMX
6	6 200715M1_8	Standard	12.500	5.61	29713.848		29713.848	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	5.61	26622.371		26622.371	11.2	-10.4	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	5.61	28292.191		28292.191	11.9	-4.8	NO		NO	MMX
9	9 200715M1_11	Standard	12.500	5.61	26297.012		26297.012	11.1	-11.5	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	5.61	23684.768		23684.768	10.0	-20.3	NO		NO	MMX

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Compound name: 13C2-PFDoA-RSD

Response Factor: 1.36755

RRF SD: 0.0710104, Relative SD: 5.19252

Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	5.61	27216.324	19488.051	17.457	12.8	2.1	NO		NO	bb
2	2 200715M1_4	Standard	12.500	5.61	27905.729	20891.623	16.697	12.2	-2.3	NO		NO	bb
3	3 200715M1_5	Standard	12.500	5.61	27286.404	20198.857	16.886	12.3	-1.2	NO		NO	MM
4	4 200715M1_6	Standard	12.500	5.61	29232.475	19530.875	18.709	13.7	9.4	NO		NO	MM
5	5 200715M1_7	Standard	12.500	5.61	31383.740	22094.248	17.756	13.0	3.9	NO		NO	MM
6	6 200715M1_8	Standard	12.500	5.61	29904.477	22507.453	16.608	12.1	-2.8	NO		NO	MM
7	7 200715M1_9	Standard	12.500	5.61	26597.961	21049.486	15.795	11.5	-7.6	NO		NO	MM
8	8 200715M1_10	Standard	12.500	5.61	28275.229	19649.299	17.987	13.2	5.2	NO		NO	MM
9	9 200715M1_11	Standard	12.500	5.61	26422.613	19500.191	16.937	12.4	-0.9	NO		NO	MM
10	10 200715M1_12	Standard	12.500	5.61	23706.674	18392.611	16.112	11.8	-5.7	NO		NO	MM

Compound name: 13C2-10:2 FTS-EIS

Response Factor: 153.225

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	5.59	1864.558		1864.558	12.2	-2.6	NO		NO	MMX
2	2 200715M1_4	Standard	12.500	5.59	1812.044		1812.044	11.8	-5.4	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	5.59	1759.246		1759.246	11.5	-8.1	NO		NO	bdX
4	4 200715M1_6	Standard	12.500	5.59	1731.797		1731.797	11.3	-9.6	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	5.59	1756.685		1756.685	11.5	-8.3	NO		NO	bbX
6	6 200715M1_8	Standard	12.500	5.59	1915.311		1915.311	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	5.59	1657.751		1657.751	10.8	-13.4	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	5.59	1675.064		1675.064	10.9	-12.5	NO		NO	MMX
9	9 200715M1_11	Standard	12.500	5.59	1589.930		1589.930	10.4	-17.0	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	5.59	1346.159		1346.159	8.8	-29.7	NO		NO	MMX

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Compound name: 13C2-10:2 FTS-RSD

Response Factor: 0.410367

RRF SD: 0.0484018, Relative SD: 11.7948

Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	5.59	1864.456	4004.379	5.820	14.2	13.5	NO		NO	MM
2	2 200715M1_4	Standard	12.500	5.59	1812.044	4115.850	5.503	13.4	7.3	NO		NO	bb
3	3 200715M1_5	Standard	12.500	5.59	1759.246	4318.500	5.092	12.4	-0.7	NO		NO	bd
4	4 200715M1_6	Standard	12.500	5.59	1731.866	4358.610	4.967	12.1	-3.2	NO		NO	MM
5	5 200715M1_7	Standard	12.500	5.59	1756.685	4459.583	4.924	12.0	-4.0	NO		NO	bb
6	6 200715M1_8	Standard	12.500	5.59	1916.641	3779.397	6.339	15.4	23.6	NO		NO	MM
7	7 200715M1_9	Standard	12.500	5.59	1658.719	4441.667	4.668	11.4	-9.0	NO		NO	MM
8	8 200715M1_10	Standard	12.500	5.59	1671.683	4154.363	5.030	12.3	-1.9	NO		NO	MM
9	9 200715M1_11	Standard	12.500	5.59	1589.566	4262.748	4.661	11.4	-9.1	NO		NO	MM
10	10 200715M1_12	Standard	12.500	5.59	1343.563	3913.575	4.291	10.5	-16.3	NO		NO	MM

Compound name: d3-N-MeFOSA-EIS

Response Factor: 130.564

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	149.200	5.64	17857.908		17857.908	136.8	-8.3	NO		NO	bbX
2	2 200715M1_4	Standard	149.200	5.64	18034.945		18034.945	138.1	-7.4	NO		NO	bbX
3	3 200715M1_5	Standard	149.200	5.64	18174.342		18174.342	139.2	-6.7	NO		NO	MMX
4	4 200715M1_6	Standard	149.200	5.64	19201.684		19201.684	147.1	-1.4	NO		NO	bbX
5	5 200715M1_7	Standard	149.200	5.64	19852.658		19852.658	152.1	1.9	NO		NO	bbX
6	6 200715M1_8	Standard	149.200	5.64	19480.156		19480.156	149.2	0.0	NO		NO	bb
7	7 200715M1_9	Standard	149.200	5.64	18609.023		18609.023	142.5	-4.5	NO		NO	MMX
8	8 200715M1_10	Standard	149.200	5.64	19361.150		19361.150	148.3	-0.6	NO		NO	MMX
9	9 200715M1_11	Standard	149.200	5.64	20212.590		20212.590	154.8	3.8	NO		NO	MMX
10	10 200715M1_12	Standard	149.200	5.64	20256.490		20256.490	155.1	4.0	NO		NO	MMX

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Compound name: d3-N-MeFOSA-RSD

Response Factor: 0.0631548

RRF SD: 0.00547896, Relative SD: 8.67545

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	149.200	5.64	17857.908	25187.146	8.863	140.3	-5.9	NO		NO	bb
2	2 200715M1_4	Standard	149.200	5.64	18034.945	26669.326	8.453	133.8	-10.3	NO		NO	bb
3	3 200715M1_5	Standard	149.200	5.64	18191.832	23479.758	9.685	153.4	2.8	NO		NO	MM
4	4 200715M1_6	Standard	149.200	5.64	19201.684	26826.811	8.947	141.7	-5.0	NO		NO	bb
5	5 200715M1_7	Standard	149.200	5.64	19852.658	28207.387	8.798	139.3	-6.6	NO		NO	bb
6	6 200715M1_8	Standard	149.200	5.64	19480.156	26910.139	9.049	143.3	-4.0	NO		NO	bb
7	7 200715M1_9	Standard	149.200	5.64	18601.234	24665.676	9.427	149.3	0.0	NO		NO	MM
8	8 200715M1_10	Standard	149.200	5.64	19358.707	25617.725	9.446	149.6	0.2	NO		NO	MM
9	9 200715M1_11	Standard	149.200	5.64	20255.295	24280.848	10.428	165.1	10.7	NO		NO	MM
10	10 200715M1_12	Standard	149.200	5.64	20253.336	22740.701	11.133	176.3	18.1	NO		NO	MM

Compound name: 13C2-PFTeDA-EIS

Response Factor: 1521.91

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	6.07	17971.713		17971.713	11.8	-5.5	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	6.07	18979.020		18979.020	12.5	-0.2	NO		NO	bbX
3	3 200715M1_5	Standard	12.500	6.07	17408.055		17408.055	11.4	-8.5	NO		NO	MMX
4	4 200715M1_6	Standard	12.500	6.07	18047.332		18047.332	11.9	-5.1	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	6.07	19655.859		19655.859	12.9	3.3	NO		NO	MMX
6	6 200715M1_8	Standard	12.500	6.07	19023.869		19023.869	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	6.07	17978.385		17978.385	11.8	-5.5	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	6.07	18057.844		18057.844	11.9	-5.1	NO		NO	MMX
9	9 200715M1_11	Standard	12.500	6.07	16716.736		16716.736	11.0	-12.1	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	6.07	16055.199		16055.199	10.5	-15.6	NO		NO	MMX

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Compound name: 13C2-PFTeDA-RSD

Response Factor: 0.706684

RRF SD: 0.0195438, Relative SD: 2.76556

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	6.07	17971.713	25187.146	8.919	12.6	1.0	NO		NO	bb
2	2 200715M1_4	Standard	12.500	6.07	18979.020	26669.326	8.896	12.6	0.7	NO		NO	bb
3	3 200715M1_5	Standard	12.500	6.07	17411.365	23479.758	9.269	13.1	4.9	NO		NO	MM
4	4 200715M1_6	Standard	12.500	6.07	18039.389	26826.811	8.405	11.9	-4.8	NO		NO	MM
5	5 200715M1_7	Standard	12.500	6.07	19647.457	28207.387	8.707	12.3	-1.4	NO		NO	MM
6	6 200715M1_8	Standard	12.500	6.07	19021.990	26910.139	8.836	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	6.07	17986.541	24665.676	9.115	12.9	3.2	NO		NO	MM
8	8 200715M1_10	Standard	12.500	6.07	18086.057	25617.725	8.825	12.5	-0.1	NO		NO	MM
9	9 200715M1_11	Standard	12.500	6.07	16718.480	24280.848	8.607	12.2	-2.6	NO		NO	MM
10	10 200715M1_12	Standard	12.500	6.07	15930.406	22740.701	8.757	12.4	-0.9	NO		NO	MM

Compound name: d5-N-ETFOSA-EIS

Response Factor: 190.26

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	149.200	6.08	24485.918		24485.918	128.7	-13.7	NO		NO	bbX
2	2 200715M1_4	Standard	149.200	6.08	26706.414		26706.414	140.4	-5.9	NO		NO	bbX
3	3 200715M1_5	Standard	149.200	6.08	27051.570		27051.570	142.2	-4.7	NO		NO	MMX
4	4 200715M1_6	Standard	149.200	6.08	26944.609		26944.609	141.6	-5.1	NO		NO	MMX
5	5 200715M1_7	Standard	149.200	6.08	29415.279		29415.279	154.6	3.6	NO		NO	bbX
6	6 200715M1_8	Standard	149.200	6.08	28386.770		28386.770	149.2	0.0	NO		NO	MM
7	7 200715M1_9	Standard	149.200	6.08	26915.307		26915.307	141.5	-5.2	NO		NO	MMX
8	8 200715M1_10	Standard	149.200	6.08	27116.939		27116.939	142.5	-4.5	NO		NO	MMX
9	9 200715M1_11	Standard	149.200	6.08	26174.148		26174.148	137.6	-7.8	NO		NO	MMX
10	10 200715M1_12	Standard	149.200	6.08	24489.436		24489.436	128.7	-13.7	NO		NO	MMX

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Compound name: d5-N-ETFOSA-RSD

Response Factor: 0.0883277

RRF SD: 0.00427552, Relative SD: 4.84052

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	149.200	6.08	24485.918	25187.146	12.152	137.6	-7.8	NO		NO	bb
2	2 200715M1_4	Standard	149.200	6.08	26706.414	26669.326	12.517	141.7	-5.0	NO		NO	bb
3	3 200715M1_5	Standard	149.200	6.08	27040.631	23479.758	14.396	163.0	9.2	NO		NO	MM
4	4 200715M1_6	Standard	149.200	6.08	27169.680	26826.811	12.660	143.3	-3.9	NO		NO	bd
5	5 200715M1_7	Standard	149.200	6.08	29415.279	28207.387	13.035	147.6	-1.1	NO		NO	bb
6	6 200715M1_8	Standard	149.200	6.08	28407.033	26910.139	13.195	149.4	0.1	NO		NO	MM
7	7 200715M1_9	Standard	149.200	6.08	26943.496	24665.676	13.654	154.6	3.6	NO		NO	MM
8	8 200715M1_10	Standard	149.200	6.08	27122.668	25617.725	13.234	149.8	0.4	NO		NO	MM
9	9 200715M1_11	Standard	149.200	6.08	26178.223	24280.848	13.477	152.6	2.3	NO		NO	MM
10	10 200715M1_12	Standard	149.200	6.08	24494.514	22740.701	13.464	152.4	2.2	NO		NO	MM

Compound name: 13C2-PFHxDA-EIS

Response Factor: 2184.47

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	6.39	27585.535		27585.535	12.6	1.0	NO		NO	bbX
2	2 200715M1_4	Standard	12.500	6.40	27576.564		27576.564	12.6	1.0	NO		NO	MMX
3	3 200715M1_5	Standard	12.500	6.40	26955.750		26955.750	12.3	-1.3	NO		NO	MMX
4	4 200715M1_6	Standard	12.500	6.40	28387.383		28387.383	13.0	4.0	NO		NO	MMX
5	5 200715M1_7	Standard	12.500	6.40	29386.883		29386.883	13.5	7.6	NO		NO	MMX
6	6 200715M1_8	Standard	12.500	6.40	27305.875		27305.875	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	6.40	27255.193		27255.193	12.5	-0.2	NO		NO	MMX
8	8 200715M1_10	Standard	12.500	6.40	26814.029		26814.029	12.3	-1.8	NO		NO	MMX
9	9 200715M1_11	Standard	12.500	6.40	26316.504		26316.504	12.0	-3.6	NO		NO	MMX
10	10 200715M1_12	Standard	12.500	6.40	26155.508		26155.508	12.0	-4.2	NO		NO	MMX

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Compound name: 13C2-PFHxDA-RSD

Response Factor: 1.08361

RRF SD: 0.0474527, Relative SD: 4.37913

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	6.39	27692.186	25187.146	13.743	12.7	1.5	NO		NO	bd
2	2 200715M1_4	Standard	12.500	6.40	27571.795	26669.326	12.923	11.9	-4.6	NO		NO	MM
3	3 200715M1_5	Standard	12.500	6.40	27128.518	23479.758	14.443	13.3	6.6	NO		NO	MM
4	4 200715M1_6	Standard	12.500	6.40	28388.393	26826.811	13.228	12.2	-2.3	NO		NO	MM
5	5 200715M1_7	Standard	12.500	6.40	29601.953	28207.387	13.118	12.1	-3.2	NO		NO	MM
6	6 200715M1_8	Standard	12.500	6.40	27307.967	26910.139	12.685	11.7	-6.4	NO		NO	MM
7	7 200715M1_9	Standard	12.500	6.40	27345.605	24665.676	13.858	12.8	2.3	NO		NO	MM
8	8 200715M1_10	Standard	12.500	6.40	27244.701	25617.725	13.294	12.3	-1.9	NO		NO	MM
9	9 200715M1_11	Standard	12.500	6.40	26770.211	24280.848	13.782	12.7	1.7	NO		NO	MM
10	10 200715M1_12	Standard	12.500	6.40	26158.215	22740.701	14.379	13.3	6.2	NO		NO	MM

Compound name: d7-N-MeFOSE-EIS

Response Factor: 87.7628

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	149.200	6.28	12846.417		12846.417	146.4	-1.9	NO		NO	MMX
2	2 200715M1_4	Standard	149.200	6.29	11612.916		11612.916	132.3	-11.3	NO		NO	MMX
3	3 200715M1_5	Standard	149.200	6.28	11275.587		11275.587	128.5	-13.9	NO		NO	bbX
4	4 200715M1_6	Standard	149.200	6.29	12725.938		12725.938	145.0	-2.8	NO		NO	MMX
5	5 200715M1_7	Standard	149.200	6.28	12340.043		12340.043	140.6	-5.8	NO		NO	MMX
6	6 200715M1_8	Standard	149.200	6.28	13094.211		13094.211	149.2	0.0	NO		NO	bb
7	7 200715M1_9	Standard	149.200	6.28	12012.232		12012.232	136.9	-8.3	NO		NO	MMX
8	8 200715M1_10	Standard	149.200	6.28	12531.708		12531.708	142.8	-4.3	NO		NO	MMX
9	9 200715M1_11	Standard	149.200	6.28	12419.161		12419.161	141.5	-5.2	NO		NO	MMX
10	10 200715M1_12	Standard	149.200	6.29	12157.314		12157.314	138.5	-7.2	NO		NO	bbX

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Compound name: d7-N-MeFOSE-RSD

Response Factor: 0.0405465

RRF SD: 0.00258177, Relative SD: 6.36742

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	149.200	6.28	12853.018	25187.146	6.379	157.3	5.4	NO		NO	MM
2	2 200715M1_4	Standard	149.200	6.29	11623.554	26669.326	5.448	134.4	-9.9	NO		NO	MM
3	3 200715M1_5	Standard	149.200	6.28	11275.587	23479.758	6.003	148.0	-0.8	NO		NO	bb
4	4 200715M1_6	Standard	149.200	6.29	12660.355	26826.811	5.899	145.5	-2.5	NO		NO	MM
5	5 200715M1_7	Standard	149.200	6.28	12342.115	28207.387	5.469	134.9	-9.6	NO		NO	MM
6	6 200715M1_8	Standard	149.200	6.28	13094.211	26910.139	6.082	150.0	0.5	NO		NO	bb
7	7 200715M1_9	Standard	149.200	6.28	12002.320	24665.676	6.083	150.0	0.5	NO		NO	MM
8	8 200715M1_10	Standard	149.200	6.28	12535.771	25617.725	6.117	150.9	1.1	NO		NO	MM
9	9 200715M1_11	Standard	149.200	6.28	12260.236	24280.848	6.312	155.7	4.3	NO		NO	MM
10	10 200715M1_12	Standard	149.200	6.29	12196.347	22740.701	6.704	165.3	10.8	NO		NO	bd

Compound name: d9-N-EtFOSE-EIS

Response Factor: 91.2735

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	149.200	6.43	12768.449		12768.449	139.9	-6.2	NO		NO	bbX
2	2 200715M1_4	Standard	149.200	6.43	13463.024		13463.024	147.5	-1.1	NO		NO	MMX
3	3 200715M1_5	Standard	149.200	6.43	13203.722		13203.722	144.7	-3.0	NO		NO	MMX
4	4 200715M1_6	Standard	149.200	6.43	13597.650		13597.650	149.0	-0.1	NO		NO	MMX
5	5 200715M1_7	Standard	149.200	6.43	14329.234		14329.234	157.0	5.2	NO		NO	MMX
6	6 200715M1_8	Standard	149.200	6.43	13618.002		13618.002	149.2	0.0	NO		NO	MM
7	7 200715M1_9	Standard	149.200	6.43	13057.600		13057.600	143.1	-4.1	NO		NO	MMX
8	8 200715M1_10	Standard	149.200	6.43	13579.630		13579.630	148.8	-0.3	NO		NO	MMX
9	9 200715M1_11	Standard	149.200	6.43	15047.017		15047.017	164.9	10.5	NO		NO	MMX
10	10 200715M1_12	Standard	149.200	6.43	14744.692		14744.692	161.5	8.3	NO		NO	MMX

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Compound name: d9-N-EtFOSE-RSD

Response Factor: 0.0455181
 RRF SD: 0.00444248, Relative SD: 9.75981
 Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	149.200	6.43	12768.449	25187.146	6.337	139.2	-6.7	NO		NO	bb
2	2 200715M1_4	Standard	149.200	6.43	13452.962	26669.326	6.305	138.5	-7.2	NO		NO	MM
3	3 200715M1_5	Standard	149.200	6.43	13209.283	23479.758	7.032	154.5	3.5	NO		NO	MM
4	4 200715M1_6	Standard	149.200	6.43	13640.383	26826.811	6.356	139.6	-6.4	NO		NO	MM
5	5 200715M1_7	Standard	149.200	6.43	14320.565	28207.387	6.346	139.4	-6.6	NO		NO	MM
6	6 200715M1_8	Standard	149.200	6.43	13632.323	26910.139	6.332	139.1	-6.8	NO		NO	MM
7	7 200715M1_9	Standard	149.200	6.43	13056.917	24665.676	6.617	145.4	-2.6	NO		NO	MM
8	8 200715M1_10	Standard	149.200	6.43	13644.822	25617.725	6.658	146.3	-2.0	NO		NO	MM
9	9 200715M1_11	Standard	149.200	6.43	15155.959	24280.848	7.802	171.4	14.9	NO		NO	MM
10	10 200715M1_12	Standard	149.200	6.43	14785.124	22740.701	8.127	178.5	19.7	NO		NO	MM

Compound name: 13C4-PFBA

Response Factor: 1
 RRF SD: 3.70074e-017, Relative SD: 3.70074e-015
 Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	1.28	5230.337	5230.337	12.500	12.5	0.0	NO		NO	bb
2	2 200715M1_4	Standard	12.500	1.28	5738.711	5738.711	12.500	12.5	0.0	NO		NO	MM
3	3 200715M1_5	Standard	12.500	1.28	5447.928	5447.928	12.500	12.5	0.0	NO		NO	MM
4	4 200715M1_6	Standard	12.500	1.28	5483.338	5483.338	12.500	12.5	0.0	NO		NO	MM
5	5 200715M1_7	Standard	12.500	1.28	6097.196	6097.196	12.500	12.5	0.0	NO		NO	bb
6	6 200715M1_8	Standard	12.500	1.28	6221.629	6221.629	12.500	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	1.28	5718.170	5718.170	12.500	12.5	0.0	NO		NO	MM
8	8 200715M1_10	Standard	12.500	1.28	5653.271	5653.271	12.500	12.5	0.0	NO		NO	MM
9	9 200715M1_11	Standard	12.500	1.28	6666.486	6666.486	12.500	12.5	0.0	NO		NO	MM
10	10 200715M1_12	Standard	12.500	1.28	5950.858	5950.858	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 8.27511e-017, Relative SD: 8.27511e-015

Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	3.04	15165.624	15165.624	12.500	12.5	0.0	NO		NO	MM
2	2 200715M1_4	Standard	12.500	3.04	16511.236	16511.236	12.500	12.5	0.0	NO		NO	MM
3	3 200715M1_5	Standard	12.500	3.05	16169.102	16169.102	12.500	12.5	0.0	NO		NO	MM
4	4 200715M1_6	Standard	12.500	3.05	16907.969	16907.969	12.500	12.5	0.0	NO		NO	MM
5	5 200715M1_7	Standard	12.500	3.05	18526.199	18526.199	12.500	12.5	0.0	NO		NO	MM
6	6 200715M1_8	Standard	12.500	3.05	16965.084	16965.084	12.500	12.5	0.0	NO		NO	bb
7	7 200715M1_9	Standard	12.500	3.05	16047.514	16047.514	12.500	12.5	0.0	NO		NO	MM
8	8 200715M1_10	Standard	12.500	3.05	15871.535	15871.535	12.500	12.5	0.0	NO		NO	MM
9	9 200715M1_11	Standard	12.500	3.04	16283.072	16283.072	12.500	12.5	0.0	NO		NO	MM
10	10 200715M1_12	Standard	12.500	3.05	14982.611	14982.611	12.500	12.5	0.0	NO		NO	bb

Compound name: 18O2-PFHxS

Response Factor: 1

RRF SD: 8.27511e-017, Relative SD: 8.27511e-015

Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	3.81	2121.129	2121.129	12.500	12.5	0.0	NO		NO	MM
2	2 200715M1_4	Standard	12.500	3.81	2023.361	2023.361	12.500	12.5	0.0	NO		NO	MM
3	3 200715M1_5	Standard	12.500	3.81	1841.082	1841.082	12.500	12.5	0.0	NO		NO	bb
4	4 200715M1_6	Standard	12.500	3.81	2210.802	2210.802	12.500	12.5	0.0	NO		NO	MM
5	5 200715M1_7	Standard	12.500	3.81	2389.930	2389.930	12.500	12.5	0.0	NO		NO	MM
6	6 200715M1_8	Standard	12.500	3.81	2222.832	2222.832	12.500	12.5	0.0	NO		NO	bb
7	7 200715M1_9	Standard	12.500	3.81	2165.071	2165.071	12.500	12.5	0.0	NO		NO	MM
8	8 200715M1_10	Standard	12.500	3.81	1969.061	1969.061	12.500	12.5	0.0	NO		NO	bb
9	9 200715M1_11	Standard	12.500	3.81	2006.865	2006.865	12.500	12.5	0.0	NO		NO	bb
10	10 200715M1_12	Standard	12.500	3.81	1905.016	1905.016	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 7.40149e-017, Relative SD: 7.40149e-015

Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.17	22375.002	22375.002	12.500	12.5	0.0	NO		NO	bb
2	2 200715M1_4	Standard	12.500	4.18	24619.717	24619.717	12.500	12.5	0.0	NO		NO	bb
3	3 200715M1_5	Standard	12.500	4.18	23483.850	23483.850	12.500	12.5	0.0	NO		NO	bb
4	4 200715M1_6	Standard	12.500	4.18	25044.734	25044.734	12.500	12.5	0.0	NO		NO	bb
5	5 200715M1_7	Standard	12.500	4.18	27821.918	27821.918	12.500	12.5	0.0	NO		NO	MM
6	6 200715M1_8	Standard	12.500	4.18	24728.844	24728.844	12.500	12.5	0.0	NO		NO	bb
7	7 200715M1_9	Standard	12.500	4.18	23415.309	23415.309	12.500	12.5	0.0	NO		NO	MM
8	8 200715M1_10	Standard	12.500	4.18	22926.961	22926.961	12.500	12.5	0.0	NO		NO	MM
9	9 200715M1_11	Standard	12.500	4.18	22984.322	22984.322	12.500	12.5	0.0	NO		NO	bb
10	10 200715M1_12	Standard	12.500	4.18	20578.494	20578.494	12.500	12.5	0.0	NO		NO	MM

Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 3.70074e-017, Relative SD: 3.70074e-015

Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200715M1_3	Standard	12.500	4.61	12205.961	12205.961	12.500	12.5	0.0	NO		NO	bb
2	2 200715M1_4	Standard	12.500	4.61	17179.746	17179.746	12.500	12.5	0.0	NO		NO	bb
3	3 200715M1_5	Standard	12.500	4.61	16457.924	16457.924	12.500	12.5	0.0	NO		NO	bb
4	4 200715M1_6	Standard	12.500	4.62	17364.441	17364.441	12.500	12.5	0.0	NO		NO	bb
5	5 200715M1_7	Standard	12.500	4.61	18033.172	18033.172	12.500	12.5	0.0	NO		NO	MM
6	6 200715M1_8	Standard	12.500	4.62	18779.924	18779.924	12.500	12.5	0.0	NO		NO	MM
7	7 200715M1_9	Standard	12.500	4.61	17647.207	17647.207	12.500	12.5	0.0	NO		NO	MM
8	8 200715M1_10	Standard	12.500	4.62	17305.980	17305.980	12.500	12.5	0.0	NO		NO	bb
9	9 200715M1_11	Standard	12.500	4.62	15986.530	15986.530	12.500	12.5	0.0	NO		NO	MM
10	10 200715M1_12	Standard	12.500	4.62	15278.456	15278.456	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 3.70074e-017, Relative SD: 3.70074e-015

Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200715M1_3	Standard	12.500	4.70	4004.379	4004.379	12.500	12.5	0.0	NO		NO	bb
2	2	200715M1_4	Standard	12.500	4.70	4115.850	4115.850	12.500	12.5	0.0	NO		NO	MM
3	3	200715M1_5	Standard	12.500	4.70	4318.500	4318.500	12.500	12.5	0.0	NO		NO	bb
4	4	200715M1_6	Standard	12.500	4.70	4358.610	4358.610	12.500	12.5	0.0	NO		NO	MM
5	5	200715M1_7	Standard	12.500	4.70	4459.583	4459.583	12.500	12.5	0.0	NO		NO	bb
6	6	200715M1_8	Standard	12.500	4.70	3779.397	3779.397	12.500	12.5	0.0	NO		NO	MM
7	7	200715M1_9	Standard	12.500	4.70	4441.667	4441.667	12.500	12.5	0.0	NO		NO	MM
8	8	200715M1_10	Standard	12.500	4.70	4154.363	4154.363	12.500	12.5	0.0	NO		NO	MM
9	9	200715M1_11	Standard	12.500	4.70	4262.748	4262.748	12.500	12.5	0.0	NO		NO	bb
10	10	200715M1_12	Standard	12.500	4.70	3913.575	3913.575	12.500	12.5	0.0	NO		NO	MM

Compound name: 13C6-PFDA

Response Factor: 1

RRF SD: 7.40149e-017, Relative SD: 7.40149e-015

Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	200715M1_3	Standard	12.500	4.99	19488.051	19488.051	12.500	12.5	0.0	NO		NO	MM
2	2	200715M1_4	Standard	12.500	4.99	20891.623	20891.623	12.500	12.5	0.0	NO		NO	MM
3	3	200715M1_5	Standard	12.500	4.99	20198.857	20198.857	12.500	12.5	0.0	NO		NO	bb
4	4	200715M1_6	Standard	12.500	4.99	19530.875	19530.875	12.500	12.5	0.0	NO		NO	MM
5	5	200715M1_7	Standard	12.500	4.99	22094.248	22094.248	12.500	12.5	0.0	NO		NO	MM
6	6	200715M1_8	Standard	12.500	4.99	22507.453	22507.453	12.500	12.5	0.0	NO		NO	MM
7	7	200715M1_9	Standard	12.500	4.99	21049.486	21049.486	12.500	12.5	0.0	NO		NO	MM
8	8	200715M1_10	Standard	12.500	4.99	19649.299	19649.299	12.500	12.5	0.0	NO		NO	MM
9	9	200715M1_11	Standard	12.500	4.99	19500.191	19500.191	12.500	12.5	0.0	NO		NO	bb
10	10	200715M1_12	Standard	12.500	5.00	18392.611	18392.611	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C7-PFUDa

Response Factor: 1

RRF SD: 8.27511e-017, Relative SD: 8.27511e-015

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	Excluded
1	1 200715M1_3	Standard	12.500	5.32	25187.146	25187.146	12.500	12.5	0.0	NO		NO	MM
2	2 200715M1_4	Standard	12.500	5.32	26669.326	26669.326	12.500	12.5	0.0	NO		NO	MM
3	3 200715M1_5	Standard	12.500	5.32	23479.758	23479.758	12.500	12.5	0.0	NO		NO	MM
4	4 200715M1_6	Standard	12.500	5.32	26826.811	26826.811	12.500	12.5	0.0	NO		NO	MM
5	5 200715M1_7	Standard	12.500	5.32	28207.387	28207.387	12.500	12.5	0.0	NO		NO	bb
6	6 200715M1_8	Standard	12.500	5.32	26910.139	26910.139	12.500	12.5	0.0	NO		NO	bb
7	7 200715M1_9	Standard	12.500	5.32	24665.676	24665.676	12.500	12.5	0.0	NO		NO	MM
8	8 200715M1_10	Standard	12.500	5.32	25617.725	25617.725	12.500	12.5	0.0	NO		NO	MM
9	9 200715M1_11	Standard	12.500	5.32	24280.848	24280.848	12.500	12.5	0.0	NO		NO	MM
10	10 200715M1_12	Standard	12.500	5.32	22740.701	22740.701	12.500	12.5	0.0	NO		NO	MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 16 Jul 2020 10:04:09

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Name: 200715M1_8, Date: 15-Jul-2020, Time: 14:30:14, ID: ST200715M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	47	0.9994	NO	
2	2 PFPrS	51	0.9998	NO	
3	3 3:3 FTCA	49	0.9968	NO	
4	4 PFPeA	49	0.9999	NO	
5	5 PFBS	51	0.9999	NO	
6	6 4:2 FTS	55	0.9993	NO	
7	7 PFHxA	57	0.9995	NO	
8	8 PFPeS	51	0.9995	NO	
9	9 HFPO-DA	53	0.9960	NO	
10	10 5:3 FTCA	59	0.9991	NO	
11	11 PFHpA	59	0.9997	NO	
12	12 ADONA	59	0.9993	NO	
13	13 L-PFHxS	61	0.9995	NO	
14	15 6:2 FTS	63	0.9999	NO	
15	16 L-PFOA	69	0.9999	NO	
16	18 PFecHS	69	0.9995	NO	
17	19 PFHpS	73	0.9998	NO	
18	20 7:3 FTCA	65	0.9998	NO	
19	21 PFNA	65	0.9998	NO	
20	22 PFOSA	67	0.9994	NO	
21	23 L-PFOS	73	0.9998	NO	
22	25 9CI-PF30NS	73	0.9996	NO	
23	26 PFDA	75	0.9987	NO	
24	27 8:2 FTS	77	0.9984	NO	
25	28 PFNS	73	0.9994	NO	
26	29 L-MeFOSAA	79	0.9999	NO	

Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:41:57 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 16 Jul 2020 10:04:09

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Name: 200715M1_8, Date: 15-Jul-2020, Time: 14:30:14, ID: ST200715M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	IS#	CoD	CoD Flag	%RSD
1	31 L-EtFOSAA	83	0.9998	NO	
2	33 PFUdA	81	0.9993	NO	
3	34 PFDS	73	0.9998	NO	
4	35 11Cl-PF30UdS	85	0.9993	NO	
5	36 10:2 FTS	87	0.9995	NO	
6	37 PFDoA	85	0.9999	NO	
7	38 N-MeFOSA	89	0.9993	NO	
8	39 PFTTrDA	85	0.9999	NO	
9	40 PFDoS	91	0.9993	NO	
10	41 PFTeDA	91	0.9994	NO	
11	42 N-EtFOSA	93	0.9997	NO	
12	43 PFHxDA	95	0.9998	NO	
13	44 PFOA	95	0.9999	NO	
14	45 N-MeFOSE	97	0.9997	NO	
15	46 N-EtFOSE	99	0.9998	NO	
16	47 13C3-PFBA-EIS			NO	0.000
17	48 13C3-PFBA-RSD	101		NO	3.034
18	49 13C3-PFPeA-EIS			NO	0.000
19	50 13C3-PFPeA-RSD	102		NO	3.445
20	51 13C3-PFBS-EIS			NO	0.000
21	52 13C3-PFBS-RSD	103		NO	6.143
22	53 13C3-HFPO-DA-EIS			NO	0.000
23	54 13C3-HFPO-DA-RSD	102		NO	5.961
24	55 13C2-4:2 FTS-EIS			NO	0.000
25	56 13C2-4:2 FTS-RSD	103		NO	7.055
26	57 13C2-PFHxA-EIS			NO	0.000
27	58 13C2-PFHxA-RSD	102		NO	3.399
28	59 13C4-PFHpA-EIS			NO	0.000
29	60 13C4-PFHpA-RSD	102		NO	4.643
30	61 13C3-PFHxS-EIS			NO	0.000
31	62 13C3-PFHxS-RSD	103		NO	4.886
32	63 13C2-6:2 FTS-EIS			NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:41:57 Pacific Daylight Time

Name: 200715M1_8, Date: 15-Jul-2020, Time: 14:30:14, ID: ST200715M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	IS#	CoD	CoD Flag	%RSD
33	64 13C2-6:2 FTS-RSD	106		NO	8.533
34	65 13C5-PFNA-EIS			NO	0.000
35	66 13C5-PFNA-RSD	105		NO	5.022
36	67 13C8-PFOA-EIS			NO	0.000
37	68 13C8-PFOA-RSD	108		NO	5.735
38	69 13C2-PFOA-EIS			NO	0.000
39	70 13C2-PFOA-RSD	104		NO	2.413
40	73 13C8-PFOS-EIS			NO	0.000
41	74 13C8-PFOS-RSD	106		NO	5.998
42	75 13C2-PFDA-EIS			NO	0.000
43	76 13C2-PFDA-RSD	107		NO	5.401
44	77 13C2-8:2 FTS-EIS			NO	0.000
45	78 13C2-8:2 FTS-RSD	106		NO	8.042
46	79 d3-N-MeFOSAA-EIS			NO	0.000
47	80 d3-N-MeFOSAA-RSD	108		NO	4.850
48	81 13C2-PFUdA-EIS			NO	0.000
49	82 13C2-PFUdA-RSD	108		NO	5.938
50	83 d5-N-EtFOSAA-EIS			NO	0.000
51	84 d5-N-EtFOSAA-RSD	108		NO	5.045
52	85 13C2-PFDoA-EIS			NO	0.000
53	86 13C2-PFDoA-RSD	107		NO	5.193
54	87 13C2-10:2 FTS-EIS			NO	0.000
55	88 13C2-10:2 FTS-RSD	106		NO	11.795
56	89 d3-N-MeFOSA-EIS			NO	0.000
57	90 d3-N-MeFOSA-RSD	108		NO	8.675
58	91 13C2-PFTeDA-EIS			NO	0.000
59	92 13C2-PFTeDA-RSD	108		NO	2.766
60	93 d5-N-ETFOSA-EIS			NO	0.000
61	94 d5-N-ETFOSA-RSD	108		NO	4.841
62	95 13C2-PFHxDA-EIS			NO	0.000
63	96 13C2-PFHxDA-RSD	108		NO	4.379
64	97 d7-N-MeFOSE-EIS			NO	0.000
65	98 d7-N-MeFOSE-RSD	108		NO	6.367
66	99 d9-N-EtFOSE-EIS			NO	0.000
67	1... d9-N-EtFOSE-RSD	108		NO	9.760
68	1... 13C4-PFBA	101		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:41:57 Pacific Daylight Time

Name: 200715M1_8, Date: 15-Jul-2020, Time: 14:30:14, ID: ST200715M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	IS#	CoD	CoD Flag	%RSD
69	1... 13C5-PFHxA	102		NO	0.000
70	1... 18O2-PFHxS	103		NO	0.000
71	1... 13C8-PFOA	104		NO	0.000
72	1... 13C9-PFNA	105		NO	0.000
73	1... 13C4-PFOS	106		NO	0.000
74	1... 13C6-PFDA	107		NO	0.000
75	1... 13C7-PFUDa	108		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:42:30 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 16 Jul 2020 10:04:09

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Name: 200715M1_8, Date: 15-Jul-2020, Time: 14:30:14, ID: ST200715M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	1 PFBA	1.28	1.28			
2	2 PFPoS	1.67	1.61	2.351	2.351	NO
3	3 3:3 FTCA	2.09	2.09	2.238	2.238	NO
4	4 PFPeA	2.23	2.23			
5	5 PFBS	2.51	2.51	2.473	2.473	NO
6	6 4:2 FTS	2.96	2.96	1.944	1.944	NO
7	7 PFHxA	3.05	3.05	18.666	18.666	NO
8	8 PFPeS	3.16	3.26	1.774	1.774	NO
9	9 HFPO-DA	3.27	3.27	2.007	2.007	NO
10	10 5:3 FTCA	3.61	3.61	1.551	1.551	NO
11	11 PFHpA	3.66	3.66	11.797	11.797	NO
12	12 ADONA	3.75	3.77	3.528	3.528	NO
13	13 L-PFHxS	3.81	3.81	1.631	1.631	NO
14	15 6:2 FTS	4.12	4.12	2.289	2.289	NO
15	16 L-PFOA	4.18	4.18	3.890	3.890	NO
16	18 PFecHS	4.19	4.19	0.960	0.960	NO
17	19 PFHpS	4.31	4.29	2.091	2.091	NO
18	20 7:3 FTCA	4.61	4.60	1.402	1.402	NO
19	21 PFNA	4.62	4.62	4.169	4.169	NO
20	22 PFOSA	4.66	4.66	27.614	27.614	NO
21	23 L-PFOS	4.70	4.70	2.166	2.166	NO
22	25 9Cl-PF30NS	4.91	4.92	24.239	24.239	NO
23	26 PFDA	4.99	4.99	5.927	5.927	NO
24	27 8:2 FTS	4.96	4.96	1.694	1.694	NO
25	28 PFNS	5.04	5.06	1.609	1.609	NO
26	29 L-MeFOSAA	5.14	5.15	2.591	2.591	NO

Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:43:02 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 16 Jul 2020 10:04:09

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Name: 200715M1_8, Date: 15-Jul-2020, Time: 14:30:14, ID: ST200715M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	31 L-EtFOSAA	5.30	5.30	1.317	1.317	NO
2	33 PFUDA	5.32	5.32	9.903	9.903	NO
3	34 PFDS	5.33	5.37	1.394	1.394	NO
4	35 11Cl-PF30UdS	5.54	5.53	27.052	27.052	NO
5	36 10:2 FTS	5.59	5.59	1.530	1.530	NO
6	37 PFDoA	5.61	5.60	8.687	8.687	NO
7	38 N-MeFOSA	5.63	5.61	1.362	1.362	NO
8	39 PFTTrDA	5.86	5.86	9.002	9.002	NO
9	40 PFDoS	5.88	5.88	1.731	1.731	NO
10	41 PFTeDA	6.07	6.07	14.064	14.064	NO
11	42 N-EtFOSA	6.06	6.06	1.555	1.555	NO
12	43 PFHxDA	6.40	6.40	23.108	23.108	NO
13	44 PFODA	6.61	6.62			
14	45 N-MeFOSE	6.28	6.29			
15	46 N-EtFOSE	6.43	6.44			

Dataset: Untitled

Last Altered: Thursday, July 16, 2020 10:45:49 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:45:55 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 16 Jul 2020 10:04:09

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 200715M1_1	IPA	15-Jul-20	13:17:29
2	2 200715M1_2	IPA	15-Jul-20	13:27:55
3	3 200715M1_3	ST200715M1-1 PFC CS-2 20F1901	15-Jul-20	13:38:20
4	4 200715M1_4	ST200715M1-2 PFC CS-1 20F1902	15-Jul-20	13:48:42
5	5 200715M1_5	ST200715M1-3 PFC CS0 20F1903	15-Jul-20	13:59:07
6	6 200715M1_6	ST200715M1-4 PFC CS1 20F1904	15-Jul-20	14:09:29
7	7 200715M1_7	ST200715M1-5 PFC CS2 20F1905	15-Jul-20	14:19:52
8	8 200715M1_8	ST200715M1-6 PFC CS3 20F1906	15-Jul-20	14:30:14
9	9 200715M1_9	ST200715M1-7 PFC CS4 20F1907	15-Jul-20	14:40:36
10	10 200715M1_10	ST200715M1-8 PFC CS5 20F1908	15-Jul-20	14:50:59
11	11 200715M1_11	ST200715M1-9 PFC CS6 20F1909	15-Jul-20	15:01:21
12	12 200715M1_12	ST200715M1-10 PFC CS7 20F1910	15-Jul-20	15:11:43
13	13 200715M1_13	IB	15-Jul-20	15:22:05
14	14 200715M1_14	ICV200715M1-1 PFC ICV 20F1911	15-Jul-20	15:32:27
15	15 200715M1_15	IB	15-Jul-20	15:42:50

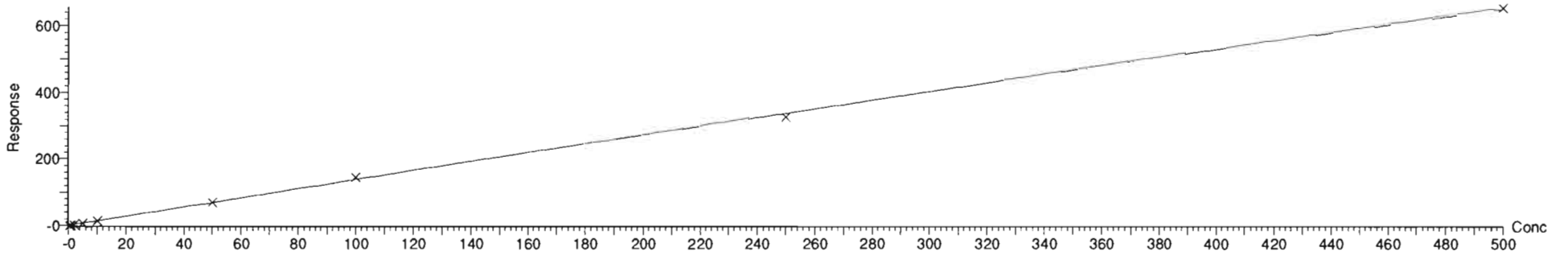
Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

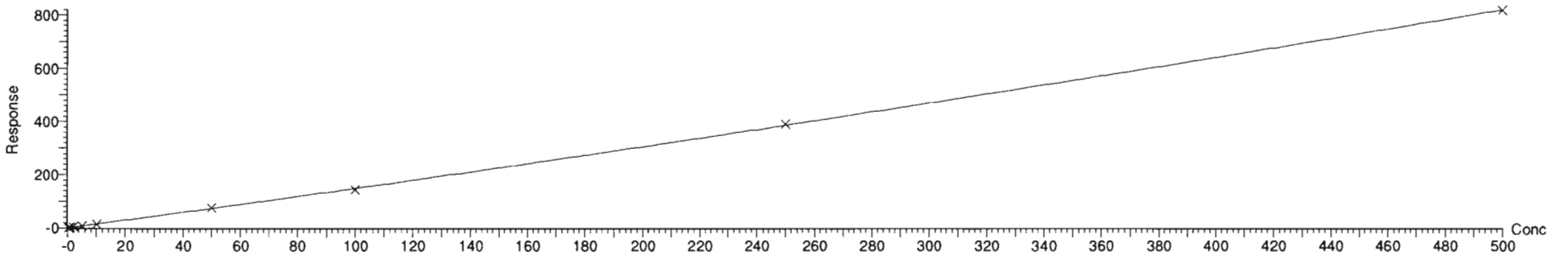
Printed: Thursday, July 16, 2020 10:43:36 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 16 Jul 2020 10:04:09
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Compound name: PFBA
Coefficient of Determination: $R^2 = 0.999414$
Calibration curve: $-0.000219776 * x^2 + 1.41147 * x + -0.0996353$
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFPrS
Coefficient of Determination: $R^2 = 0.999781$
Calibration curve: $0.000369777 * x^2 + 1.45632 * x + -0.0740526$
Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

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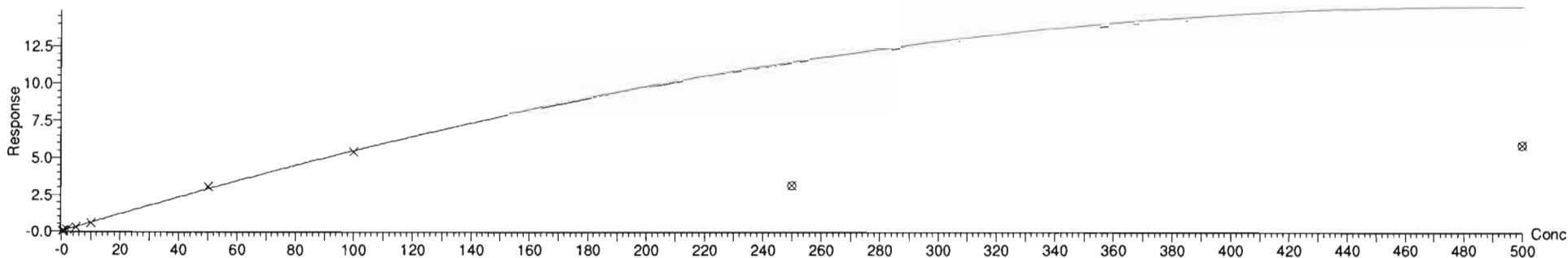
Compound name: 3:3 FTCA

Coefficient of Determination: $R^2 = 0.996771$

Calibration curve: $-6.31115e-005 * x^2 + 0.061407 * x + -0.00873109$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



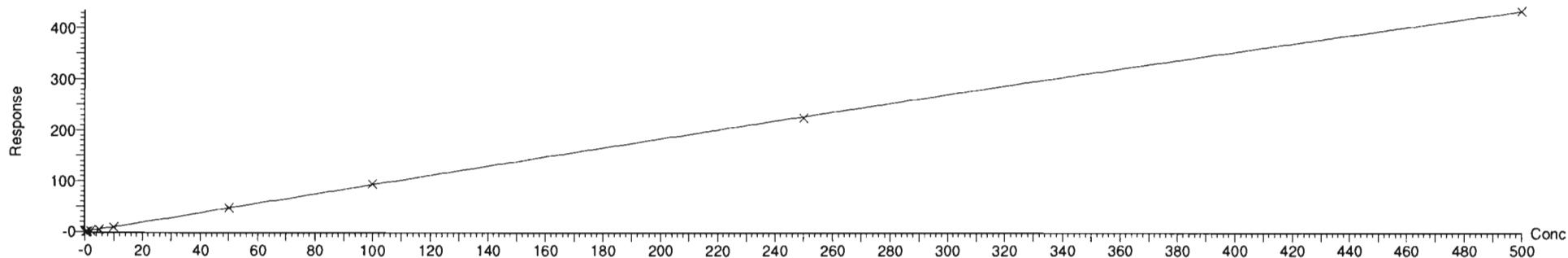
Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999919$

Calibration curve: $-0.00016367 * x^2 + 0.951322 * x + -0.00596755$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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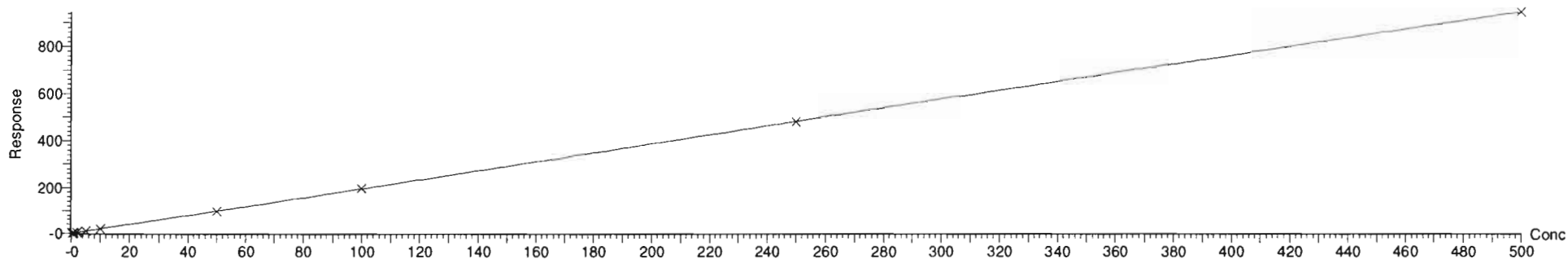
Compound name: PFBS

Coefficient of Determination: $R^2 = 0.999934$

Calibration curve: $-0.000135856 * x^2 + 1.96343 * x + 0.0467545$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



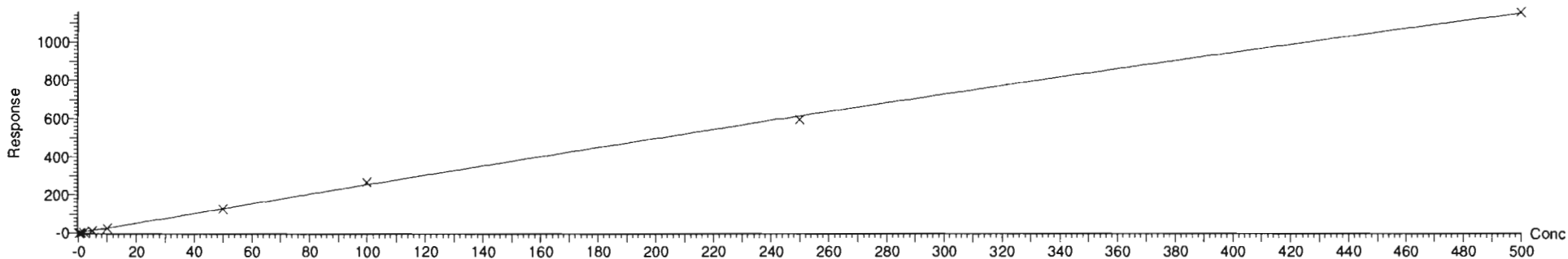
Compound name: 4:2 FTS

Coefficient of Determination: $R^2 = 0.999272$

Calibration curve: $-0.000604122 * x^2 + 2.6055 * x + -0.0298561$

Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

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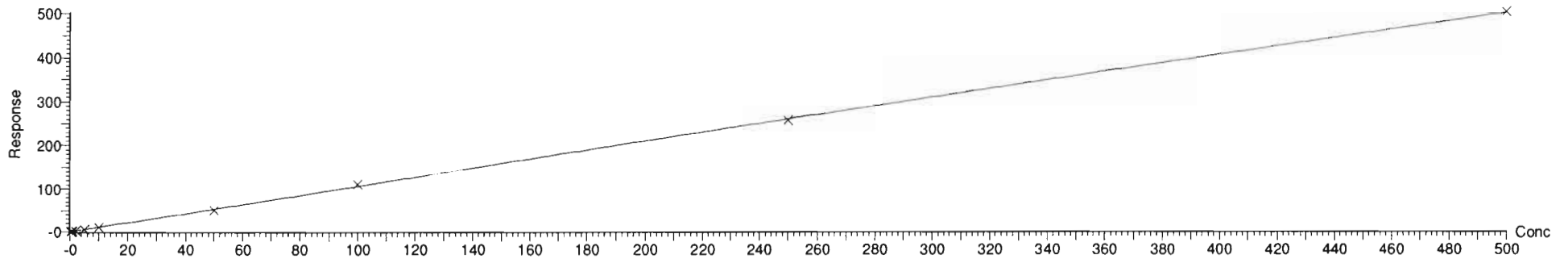
Compound name: PFHxA

Coefficient of Determination: $R^2 = 0.999511$

Calibration curve: $-0.00015243 * x^2 + 1.08034 * x + 0.00515069$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



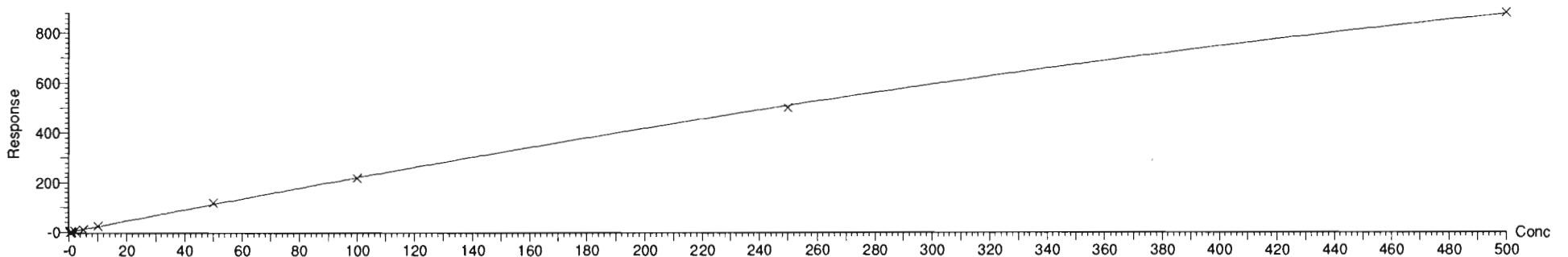
Compound name: PFPeS

Coefficient of Determination: $R^2 = 0.999542$

Calibration curve: $-0.00111865 * x^2 + 2.31268 * x + 0.00205152$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

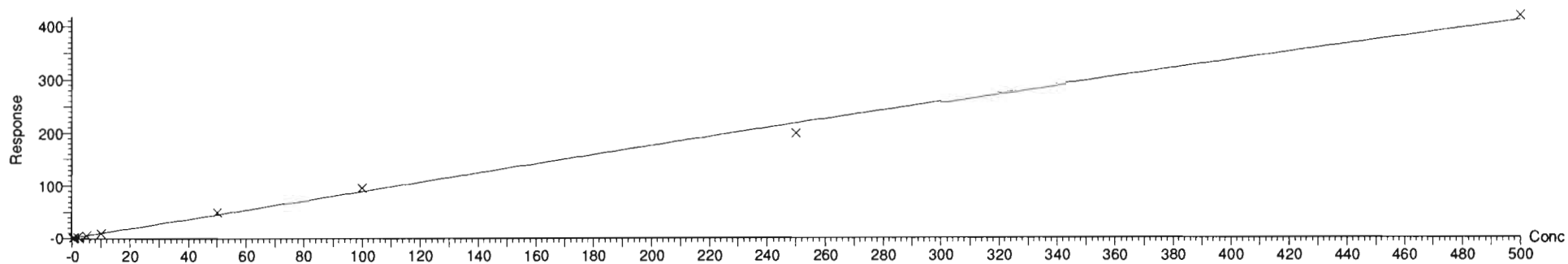
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



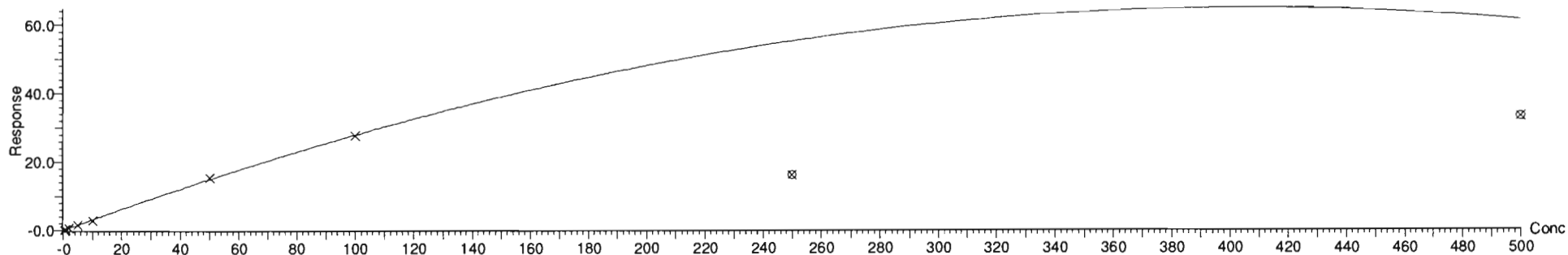
Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

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Compound name: HFPO-DA
Coefficient of Determination: $R^2 = 0.995991$
Calibration curve: $-0.000191647 * x^2 + 0.916021 * x + -0.0340677$
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 5:3 FTCA
Coefficient of Determination: $R^2 = 0.999103$
Calibration curve: $-0.000391658 * x^2 + 0.318331 * x + -0.0187006$
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

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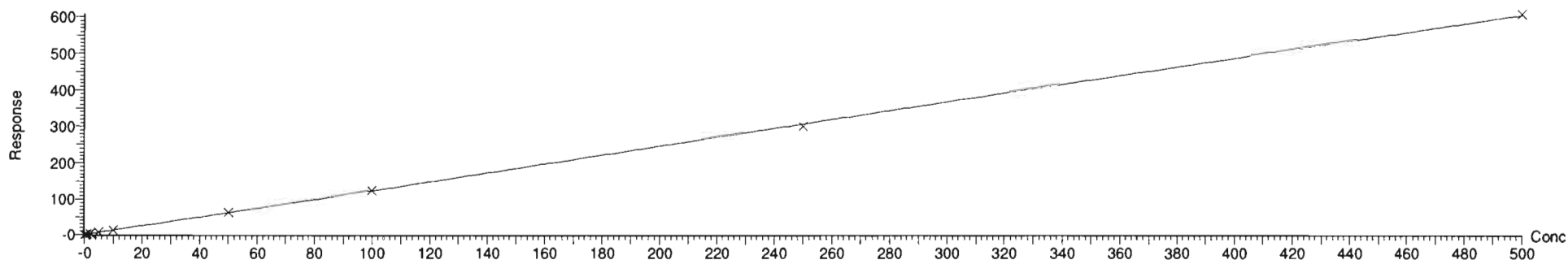
Compound name: PFHpA

Coefficient of Determination: $R^2 = 0.999701$

Calibration curve: $-7.88893e-005 * x^2 + 1.25214 * x + 0.00307883$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



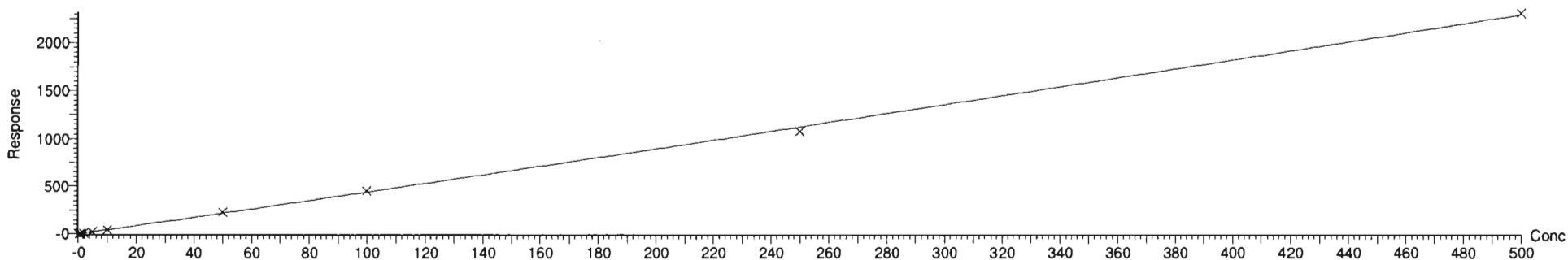
Compound name: ADONA

Coefficient of Determination: $R^2 = 0.999307$

Calibration curve: $0.00038629 * x^2 + 4.40723 * x + 0.248414$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

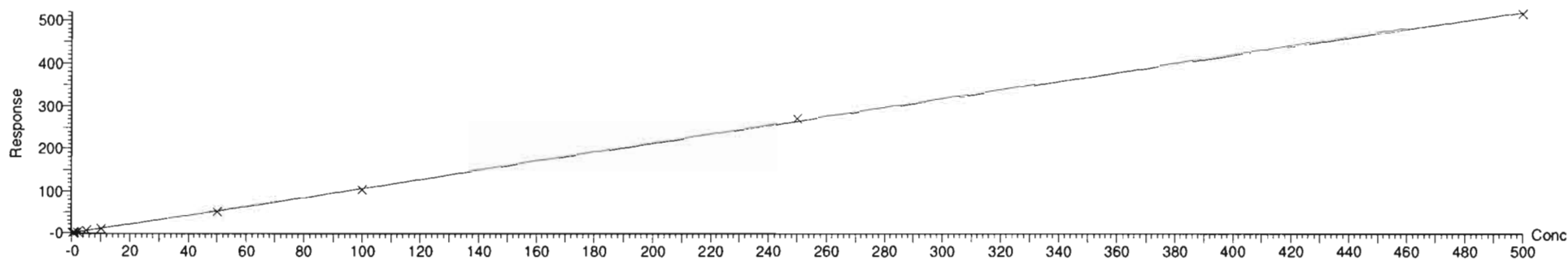
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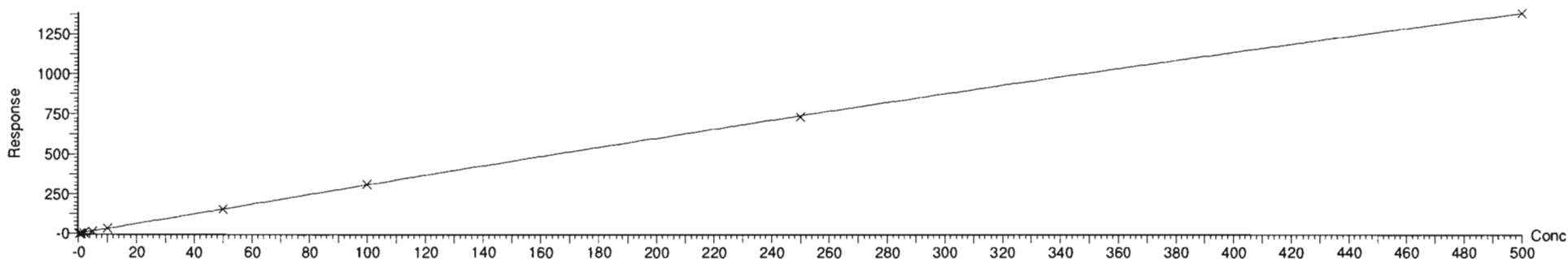
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Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time
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Compound name: L-PFHxS
Coefficient of Determination: $R^2 = 0.999527$
Calibration curve: $-7.58949e-005 * x^2 + 1.07816 * x + -0.00126516$
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: 6:2 FTS
Coefficient of Determination: $R^2 = 0.999909$
Calibration curve: $-0.000793626 * x^2 + 3.16545 * x + 0.0219456$
Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

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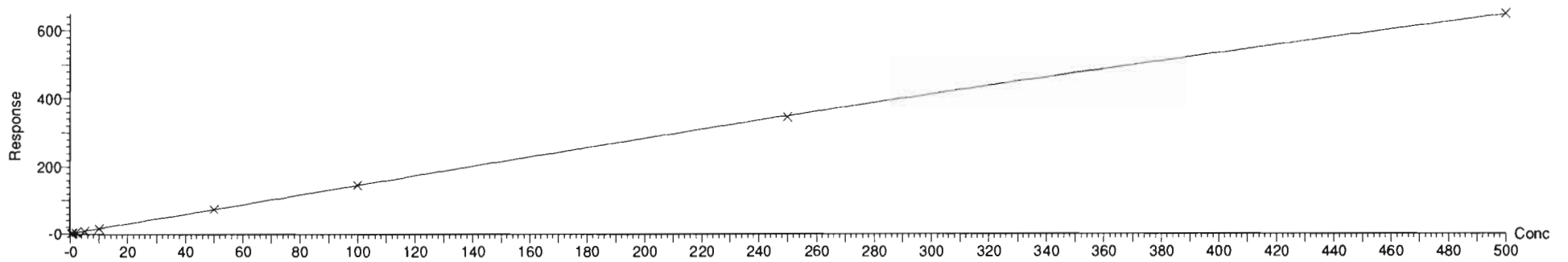
Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999939$

Calibration curve: $-0.000416136 * x^2 + 1.50337 * x + 0.0669438$

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



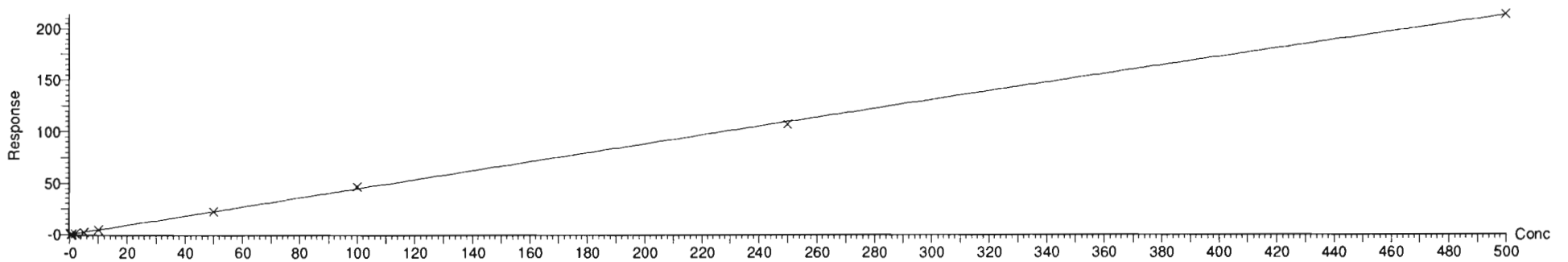
Compound name: PFecHS

Coefficient of Determination: $R^2 = 0.999478$

Calibration curve: $-4.78815e-005 * x^2 + 0.449534 * x - 0.0328553$

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:43:36 Pacific Daylight Time

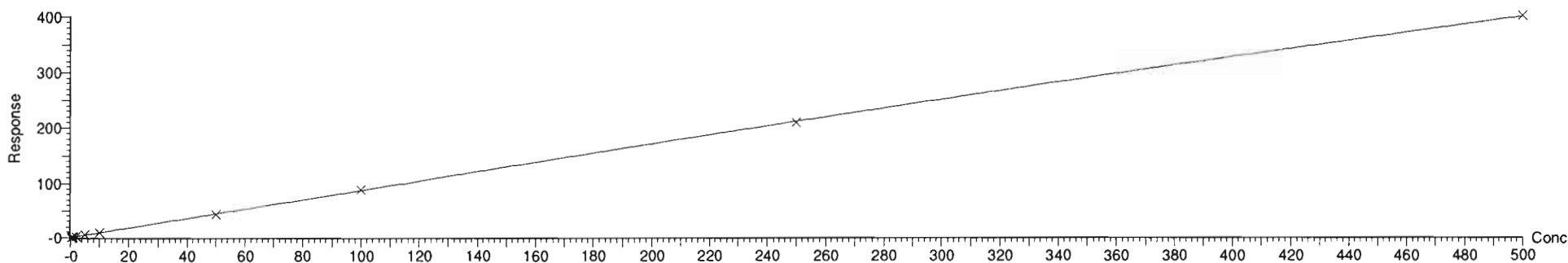
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.999764$

Calibration curve: $-0.000179835 * x^2 + 0.891082 * x + 0.0225907$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



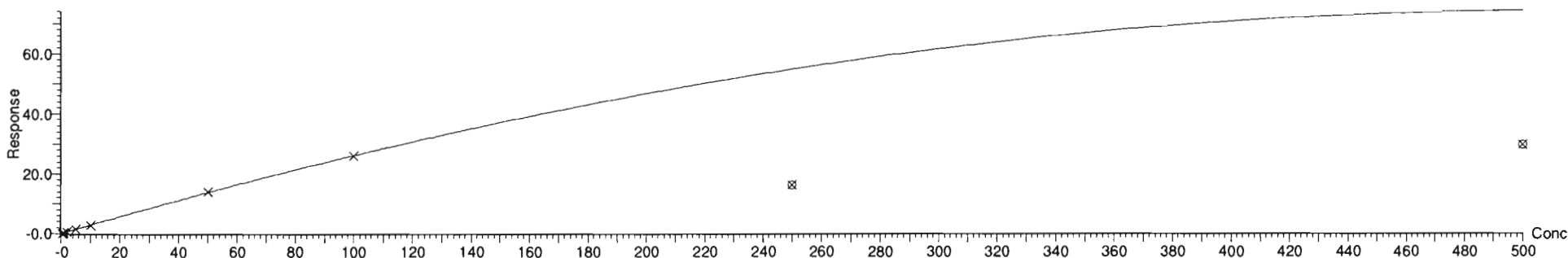
Compound name: 7:3 FTCA

Coefficient of Determination: $R^2 = 0.999759$

Calibration curve: $-0.000283078 * x^2 + 0.28967 * x - 0.00595288$

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:43:36 Pacific Daylight Time

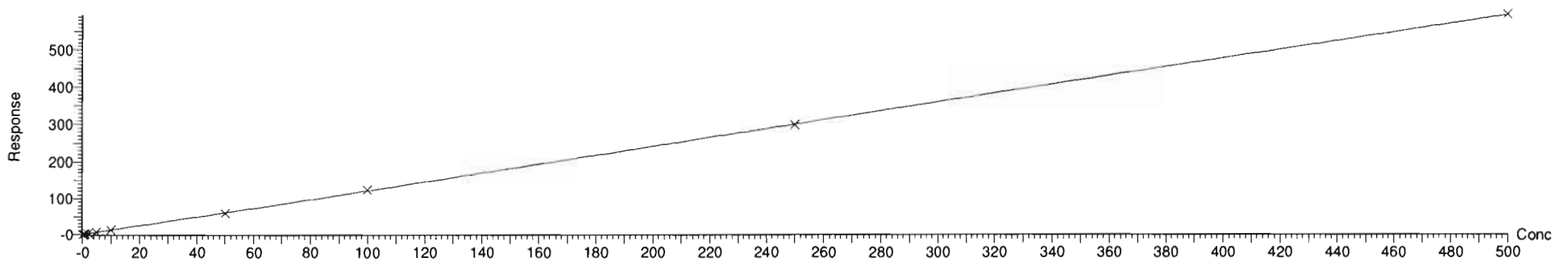
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999842$

Calibration curve: $-5.21889e-005 * x^2 + 1.2135 * x + 0.052946$

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



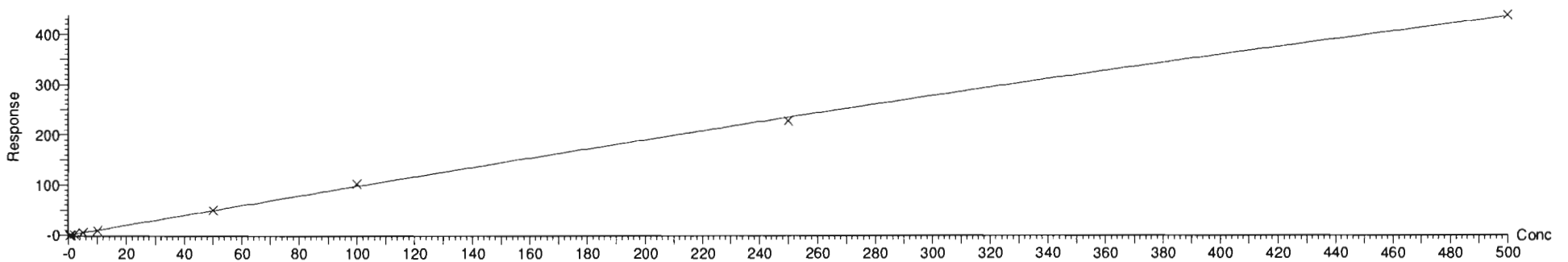
Compound name: PFOSA

Coefficient of Determination: $R^2 = 0.999352$

Calibration curve: $-0.000265477 * x^2 + 1.00153 * x + 0.0698581$

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:43:36 Pacific Daylight Time

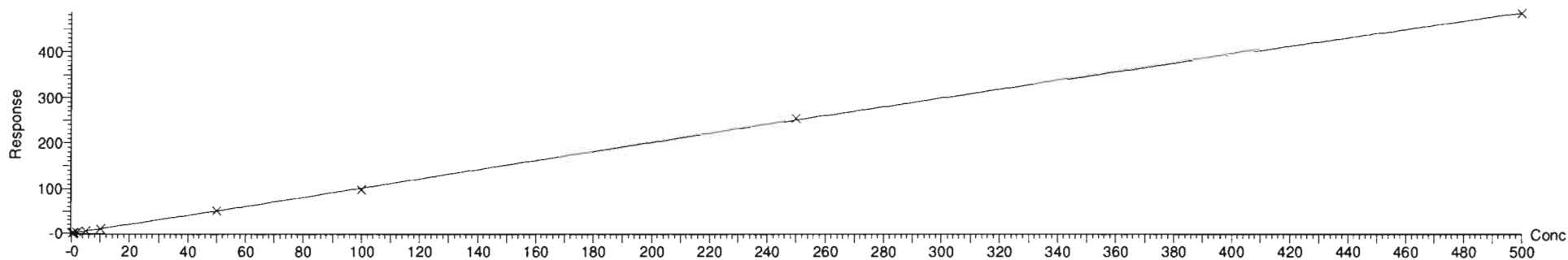
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999761$

Calibration curve: $-0.000127452 * x^2 + 1.03891 * x + -0.0860112$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



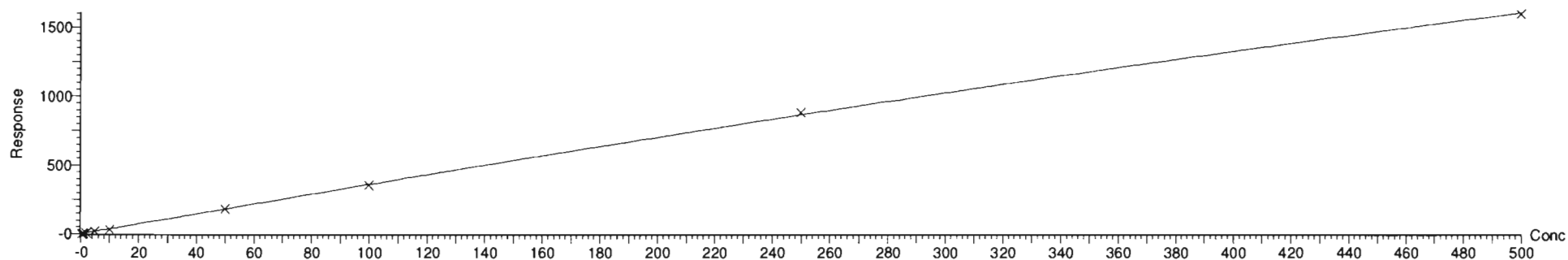
Compound name: 9CI-PF30NS

Coefficient of Determination: $R^2 = 0.999615$

Calibration curve: $-0.00102146 * x^2 + 3.72379 * x + -0.127134$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:43:36 Pacific Daylight Time

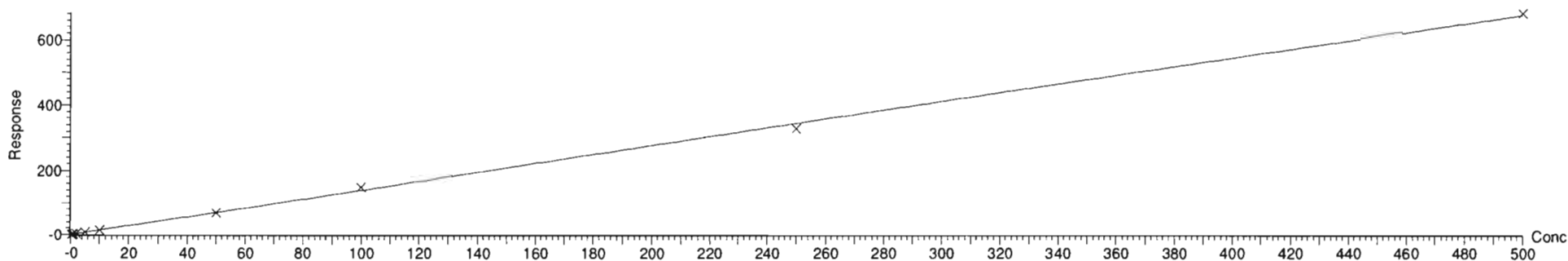
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.998675$

Calibration curve: $-0.000107961 * x^2 + 1.4095 * x + 0.10817$

Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



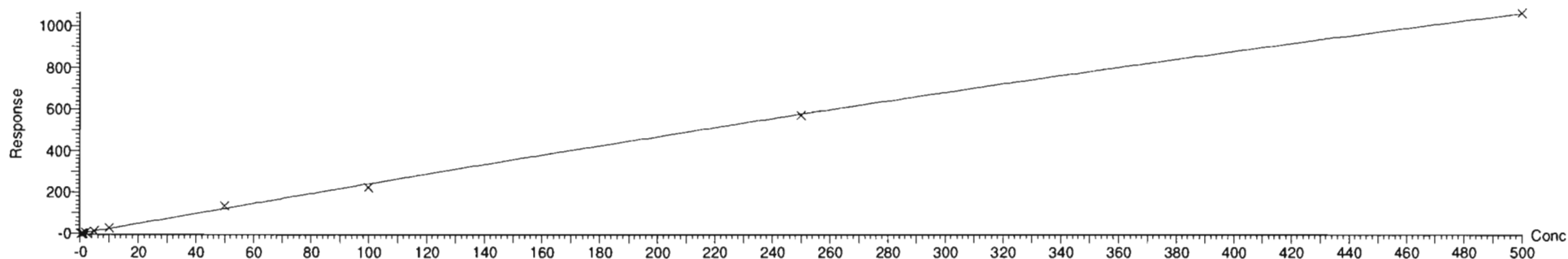
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.998417$

Calibration curve: $-0.00074622 * x^2 + 2.49959 * x + 0.0488689$

Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:43:36 Pacific Daylight Time

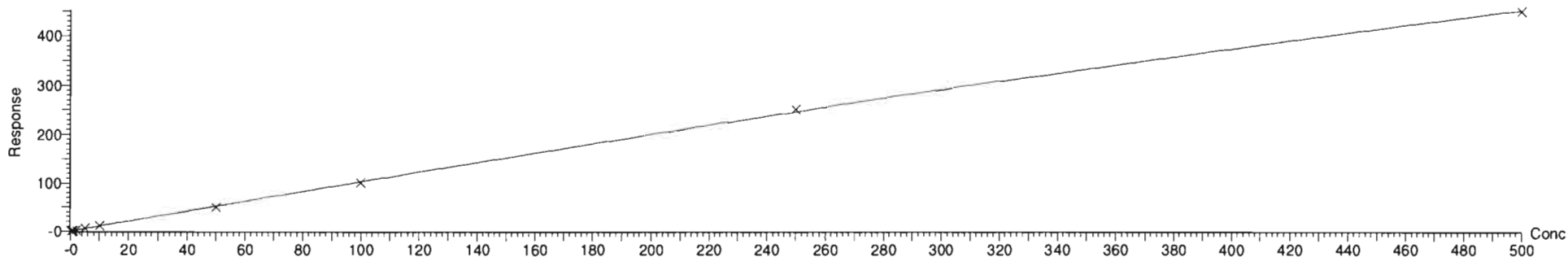
Compound name: PFNS

Coefficient of Determination: $R^2 = 0.999363$

Calibration curve: $-0.000320195 * x^2 + 1.06593 * x + -0.076599$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



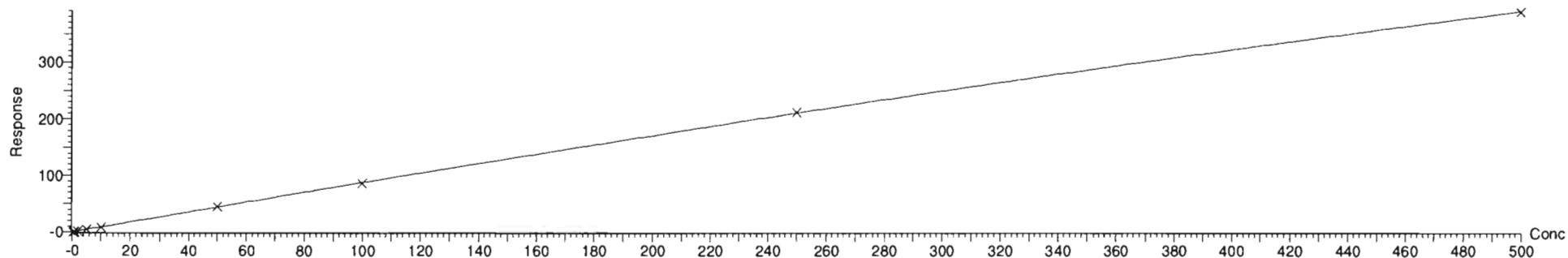
Compound name: L-MeFOSAA

Coefficient of Determination: $R^2 = 0.999936$

Calibration curve: $-0.000252855 * x^2 + 0.907264 * x + -0.0311046$

Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

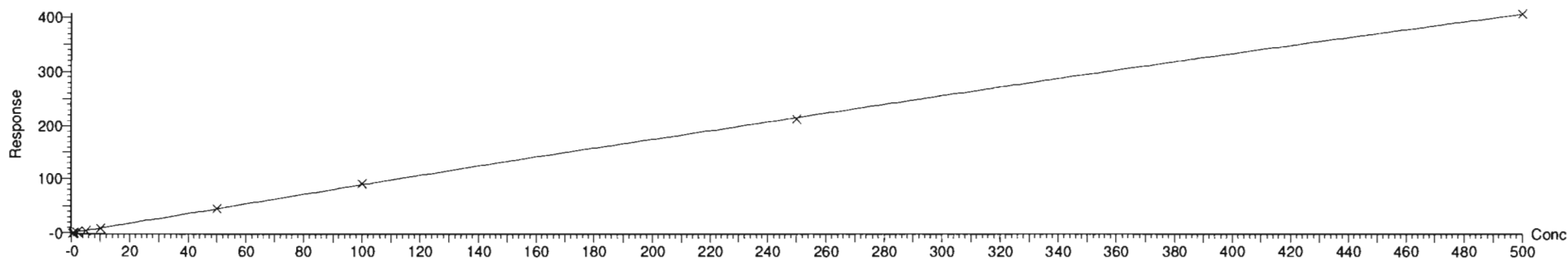


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

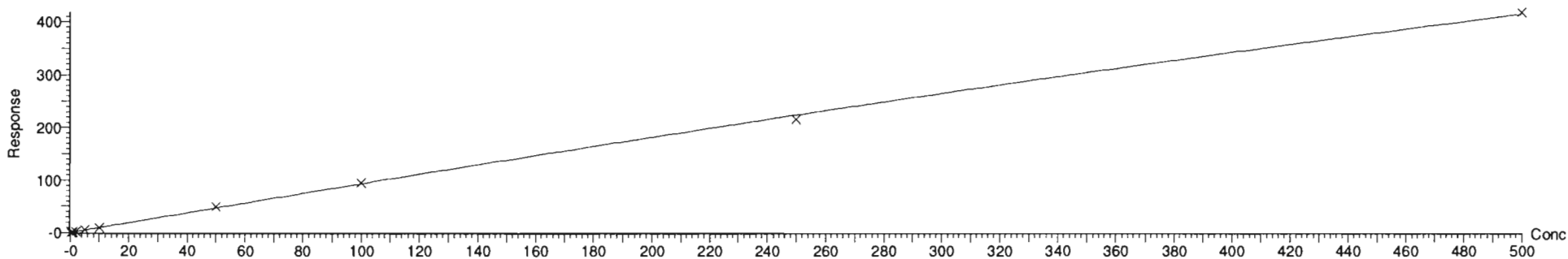
Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time
Printed: Thursday, July 16, 2020 10:44:01 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 16 Jul 2020 10:04:09
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Compound name: L-EtFOSAA
Coefficient of Determination: $R^2 = 0.999822$
Calibration curve: $-0.000204465 * x^2 + 0.916501 * x + -0.0663958$
Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



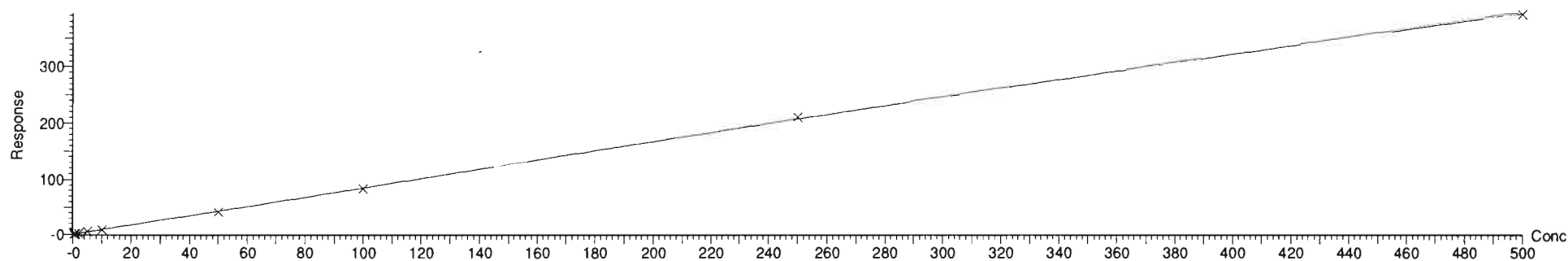
Compound name: PFUdA
Coefficient of Determination: $R^2 = 0.999325$
Calibration curve: $-0.000264985 * x^2 + 0.963665 * x + 0.0138771$
Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



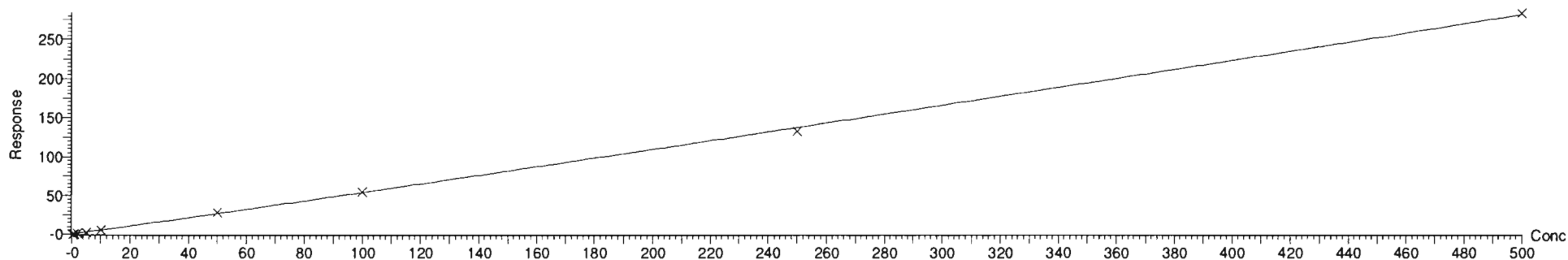
Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time
Printed: Thursday, July 16, 2020 10:44:01 Pacific Daylight Time

Compound name: PFDS
Coefficient of Determination: $R^2 = 0.999771$
Calibration curve: $-0.000156808 * x^2 + 0.868255 * x + 0.00491911$
Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



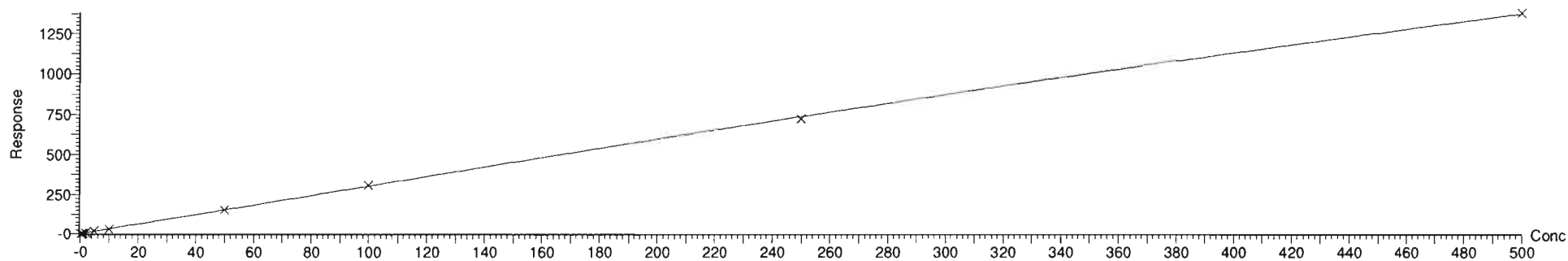
Compound name: 11Cl-PF30UdS
Coefficient of Determination: $R^2 = 0.999334$
Calibration curve: $5.85527e-005 * x^2 + 0.535299 * x + 0.00649676$
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



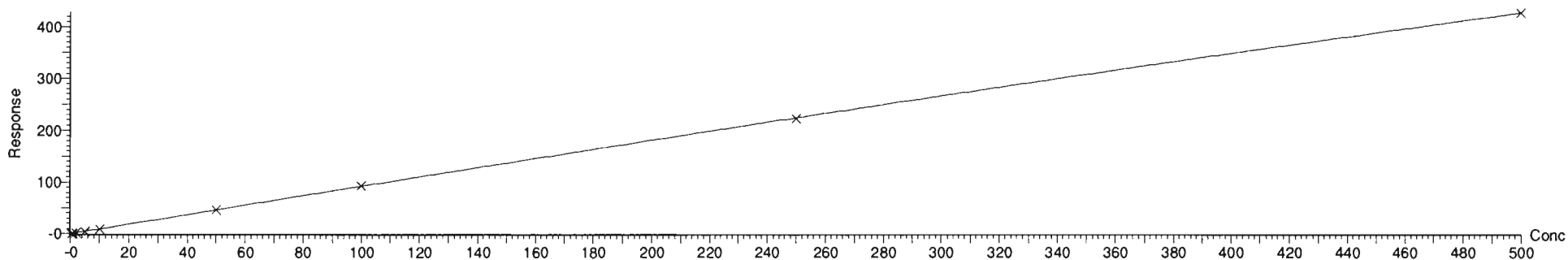
Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time
Printed: Thursday, July 16, 2020 10:44:01 Pacific Daylight Time

Compound name: 10:2 FTS
Coefficient of Determination: $R^2 = 0.999477$
Calibration curve: $-0.000797594 * x^2 + 3.15437 * x + 0.026343$
Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



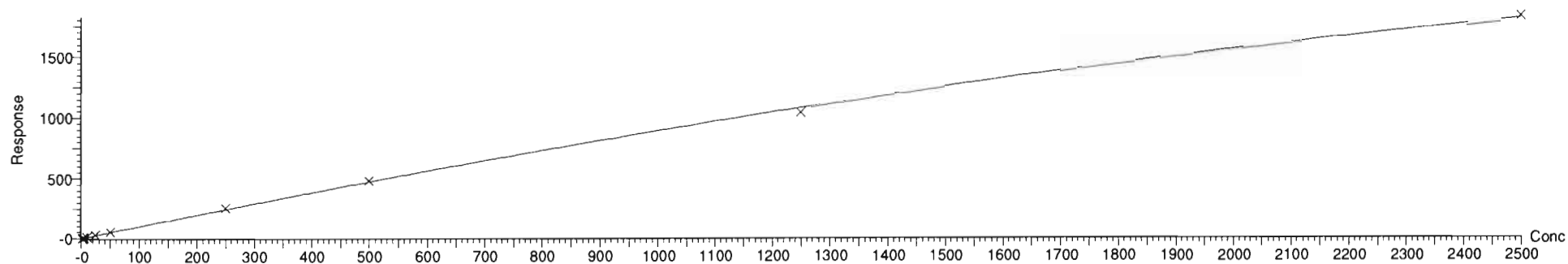
Compound name: PFDoA
Coefficient of Determination: $R^2 = 0.999949$
Calibration curve: $-0.000173618 * x^2 + 0.941709 * x + 0.122025$
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



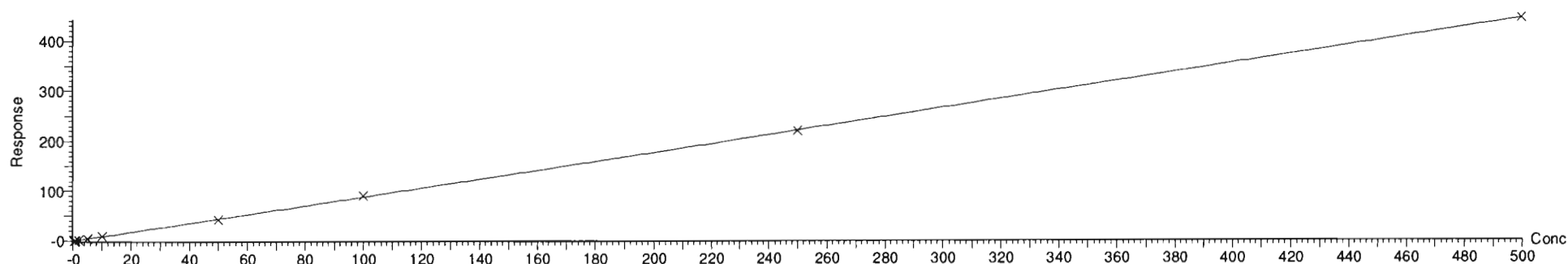
Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time
Printed: Thursday, July 16, 2020 10:44:01 Pacific Daylight Time

Compound name: N-MeFOSA
Coefficient of Determination: $R^2 = 0.999293$
Calibration curve: $-0.000112035 * x^2 + 1.00389 * x + 0.0548453$
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Compound name: PFTrDA
Coefficient of Determination: $R^2 = 0.999866$
Calibration curve: $1.96095e-005 * x^2 + 0.876376 * x + 0.0678529$
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:44:01 Pacific Daylight Time

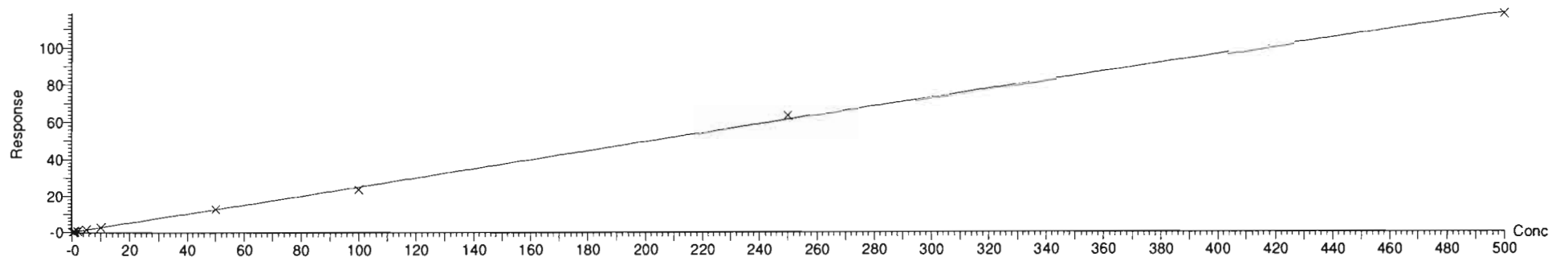
Compound name: PFDoS

Coefficient of Determination: $R^2 = 0.999265$

Calibration curve: $-3.05828e-005 * x^2 + 0.252789 * x + -0.00521903$

Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



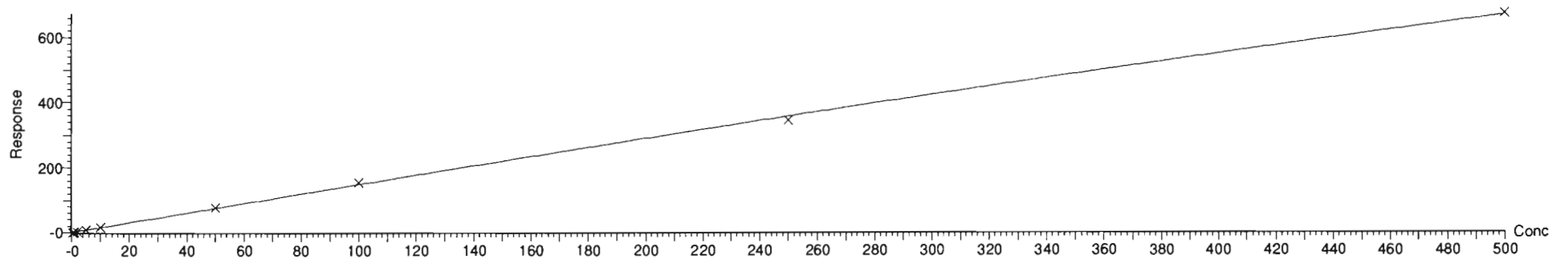
Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.999414$

Calibration curve: $-0.00036151 * x^2 + 1.51583 * x + 0.0550336$

Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:44:01 Pacific Daylight Time

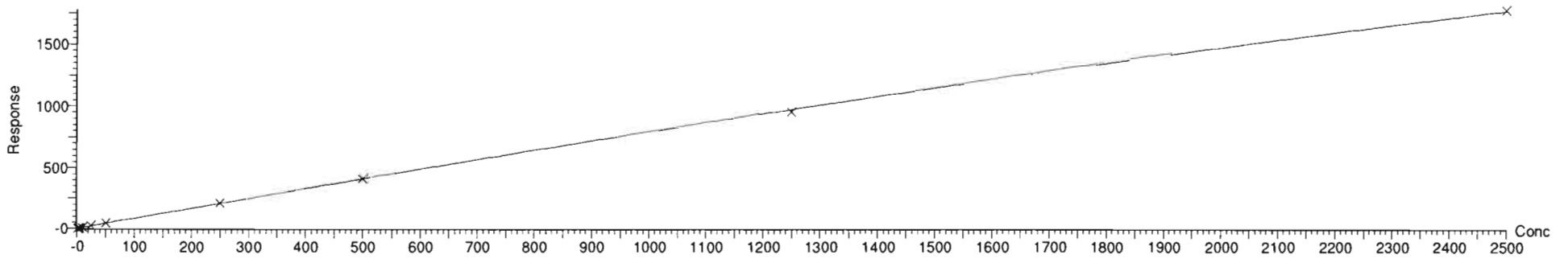
Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.999735$

Calibration curve: $-5.83556e-005 * x^2 + 0.854595 * x + 0.0629453$

Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



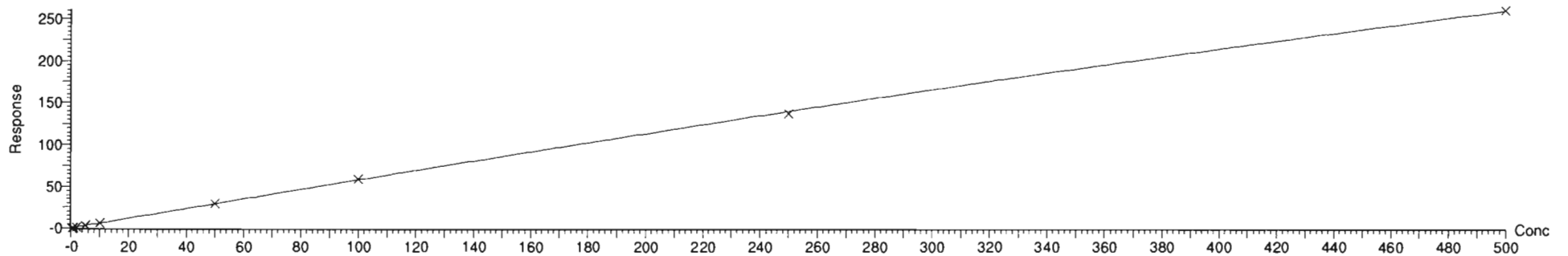
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999788$

Calibration curve: $-0.000157647 * x^2 + 0.599321 * x + 0.0773469$

Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)

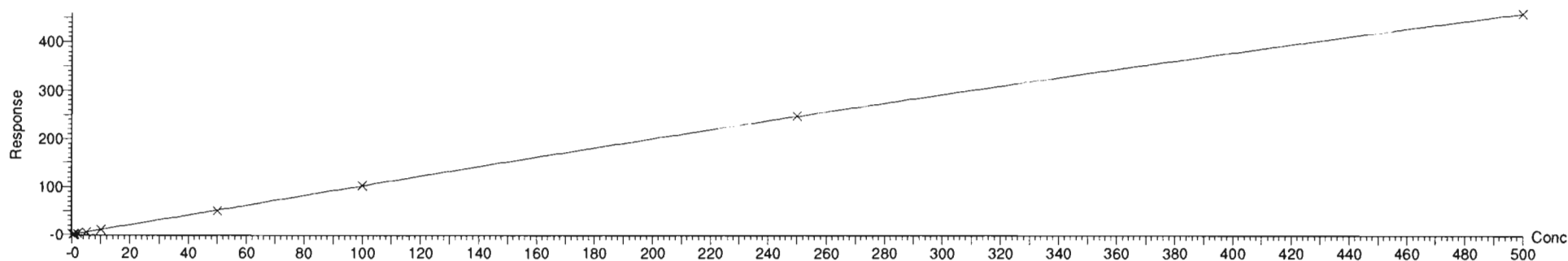
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



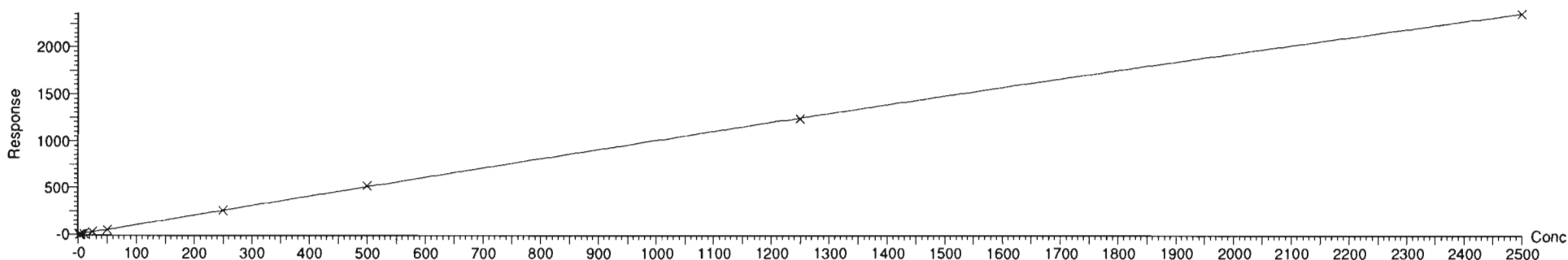
Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time
Printed: Thursday, July 16, 2020 10:44:01 Pacific Daylight Time

Compound name: PFODA
Coefficient of Determination: $R^2 = 0.999894$
Calibration curve: $-0.000283611 * x^2 + 1.06055 * x + -0.0187072$
Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: N-MeFOSE
Coefficient of Determination: $R^2 = 0.999734$
Calibration curve: $-4.34352e-005 * x^2 + 1.05429 * x + -0.132007$
Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:37:32 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:44:01 Pacific Daylight Time

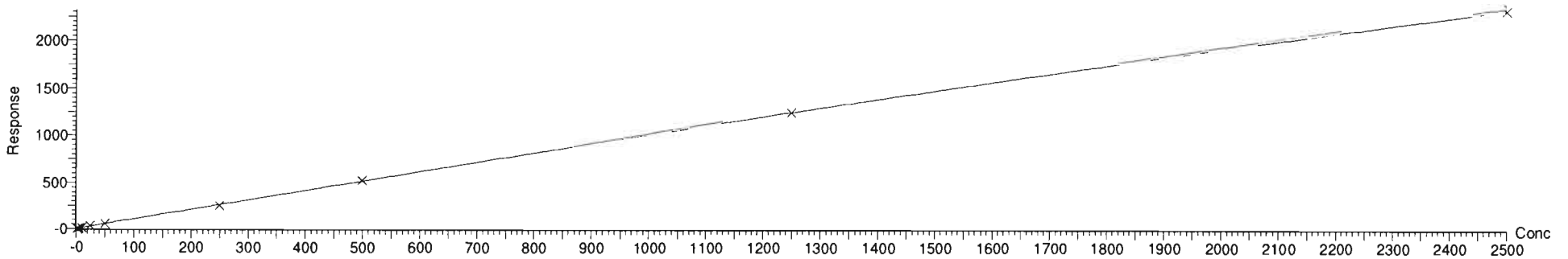
Compound name: N-EtFOSE

Coefficient of Determination: $R^2 = 0.999751$

Calibration curve: $-5.67311e-005 * x^2 + 1.07173 * x + 0.206426$

Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

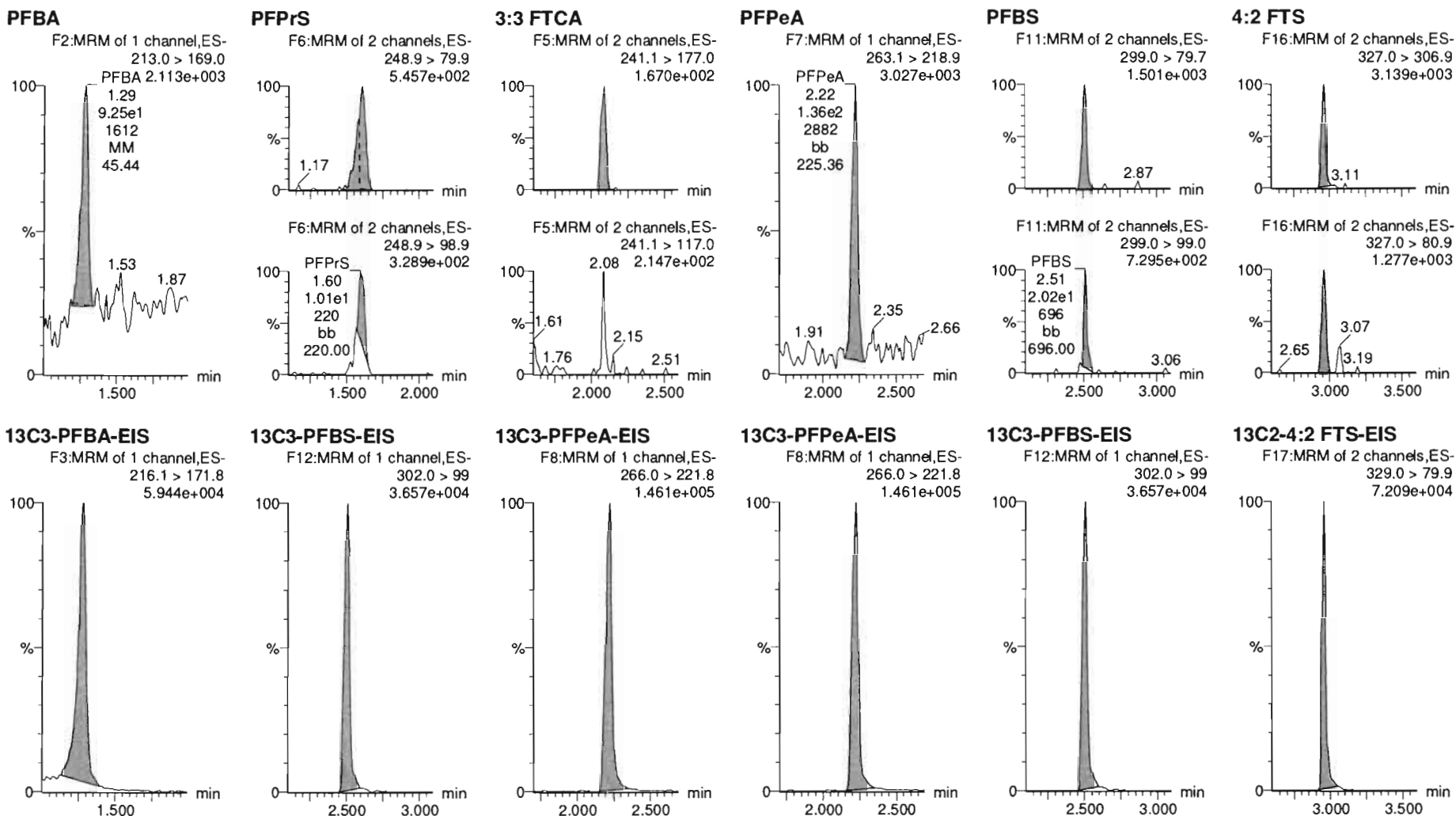
Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 16 Jul 2020 10:04:09

Calibration: 16 Jul 2020 10:03:24

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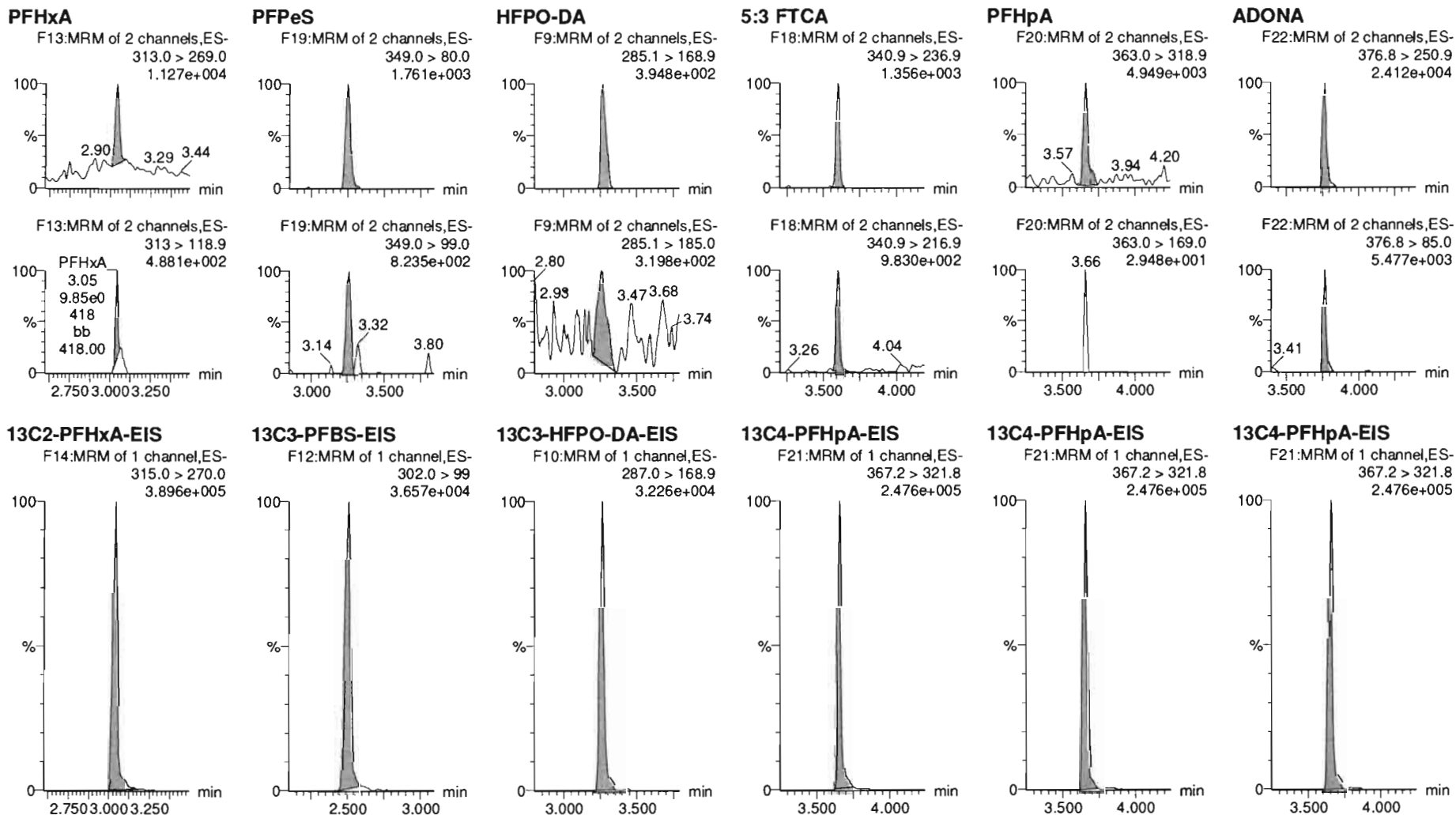


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

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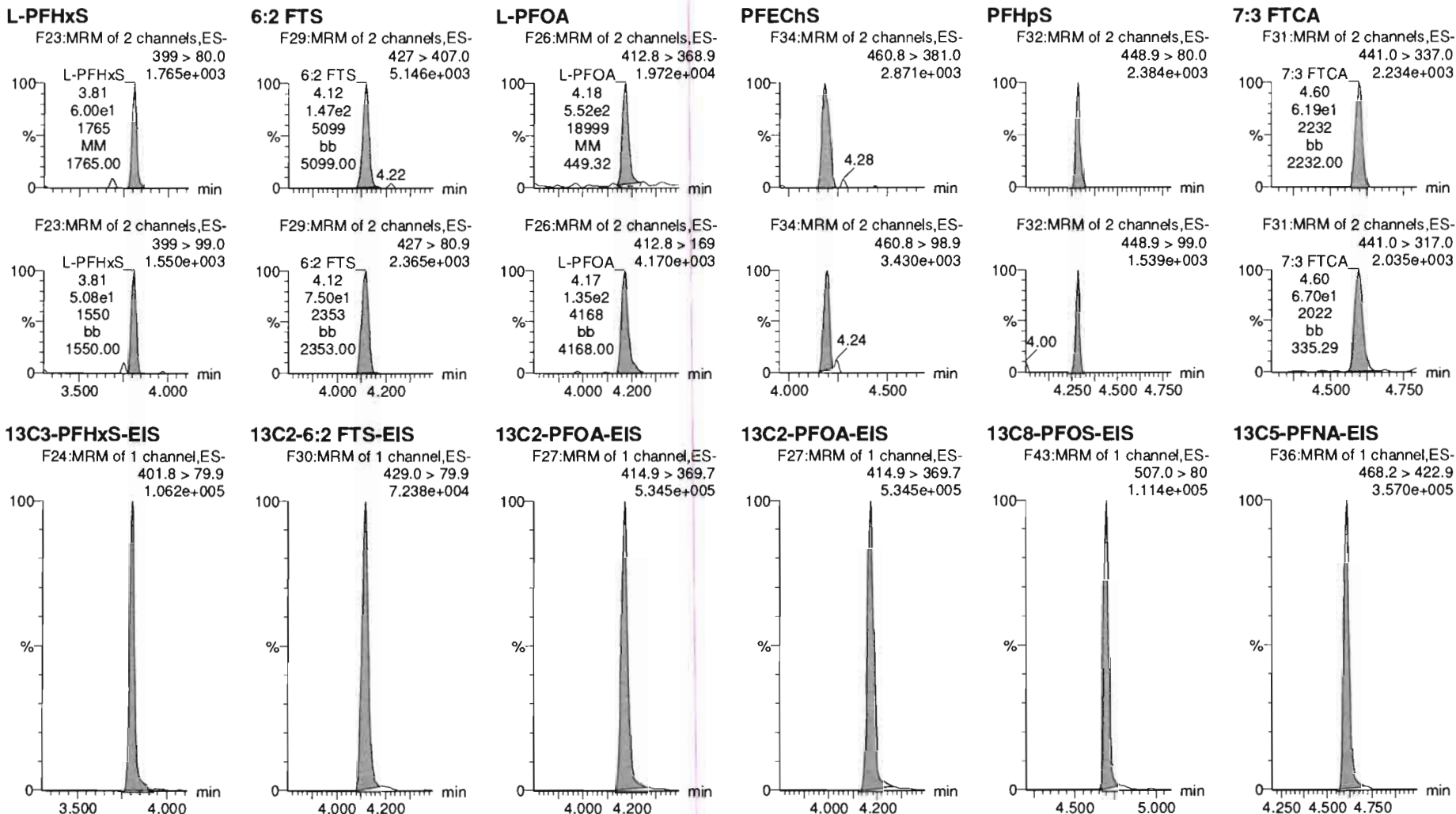


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Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

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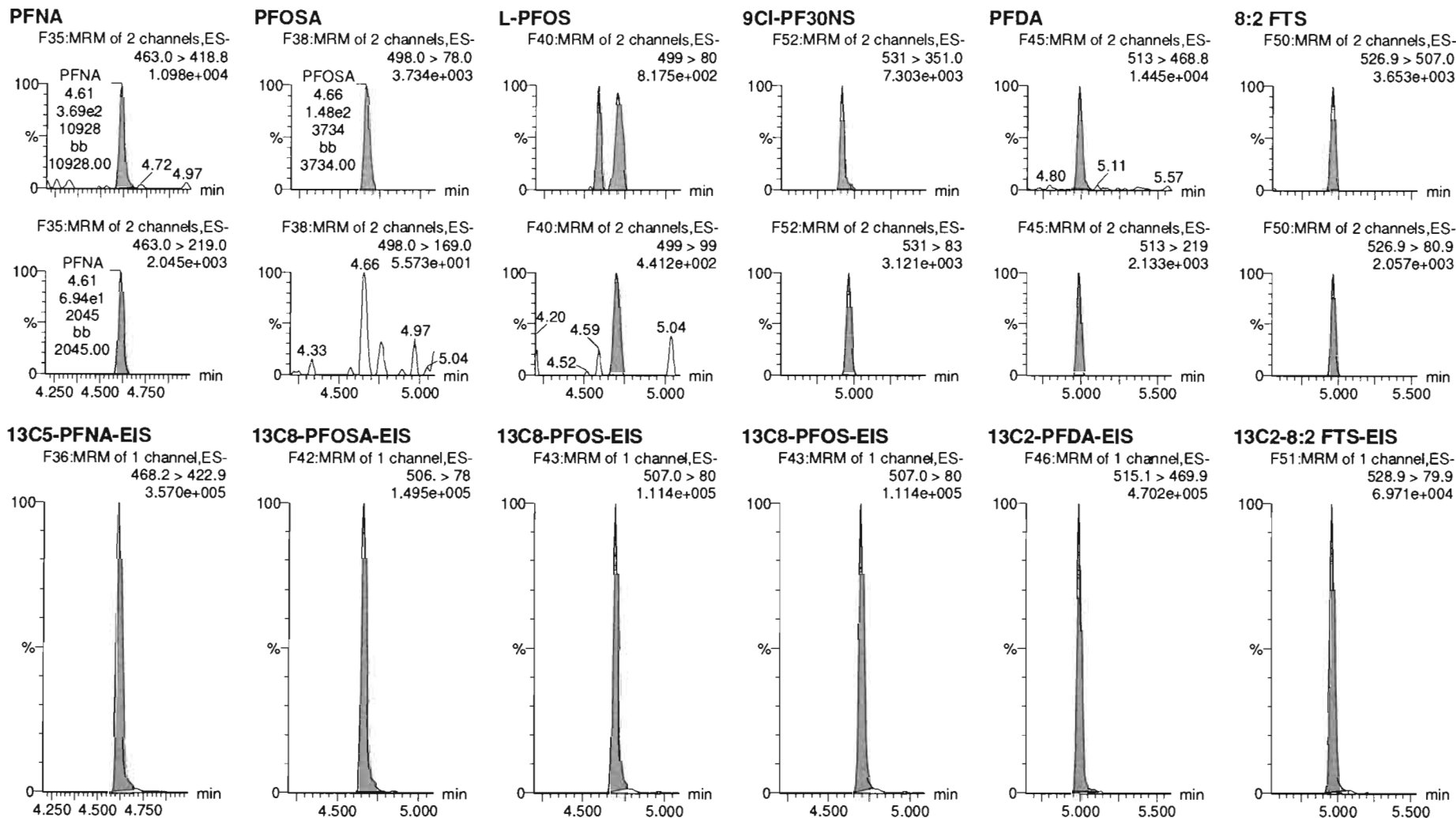


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:29:30 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:29:41 Pacific Daylight Time

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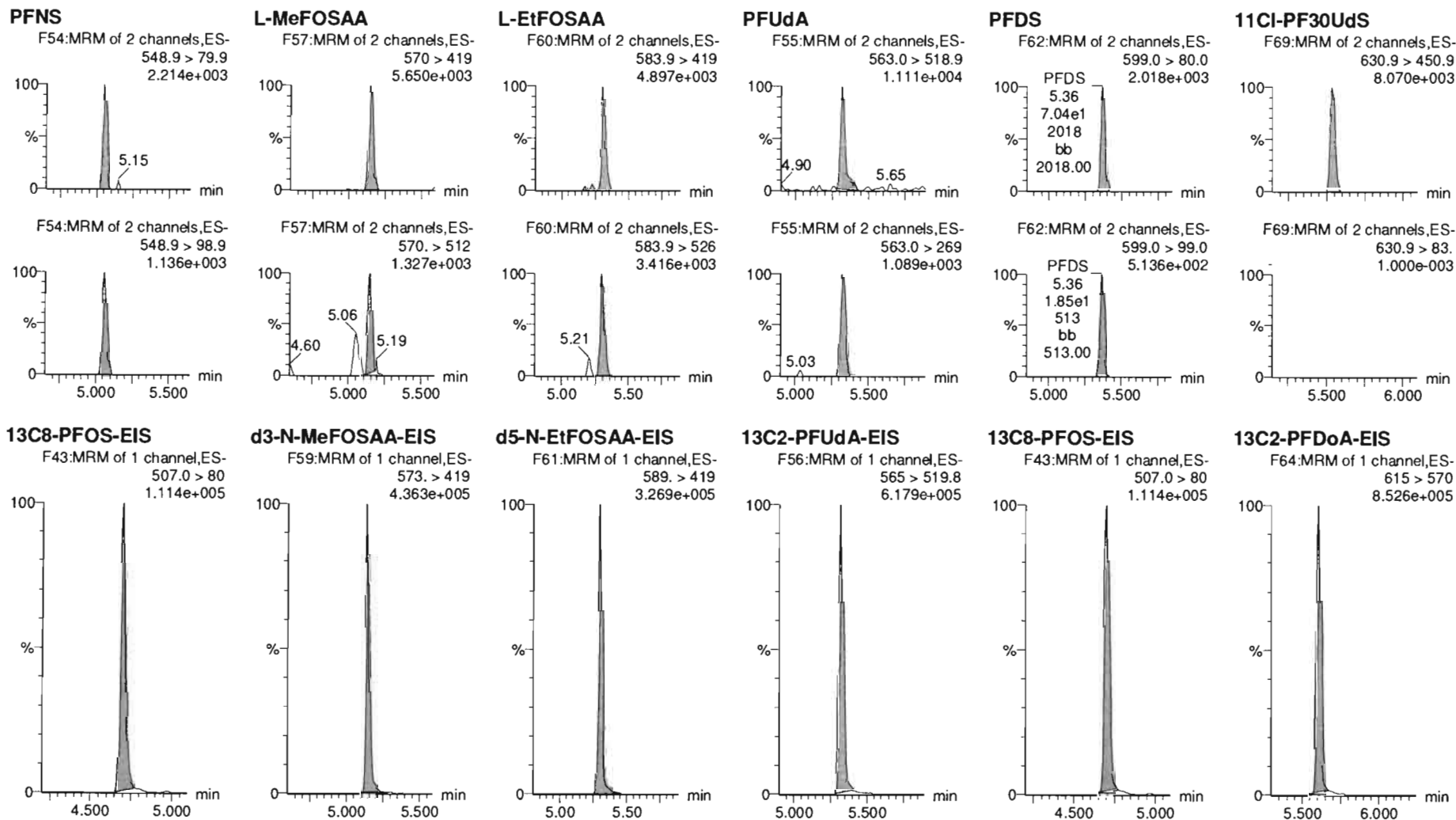


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Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

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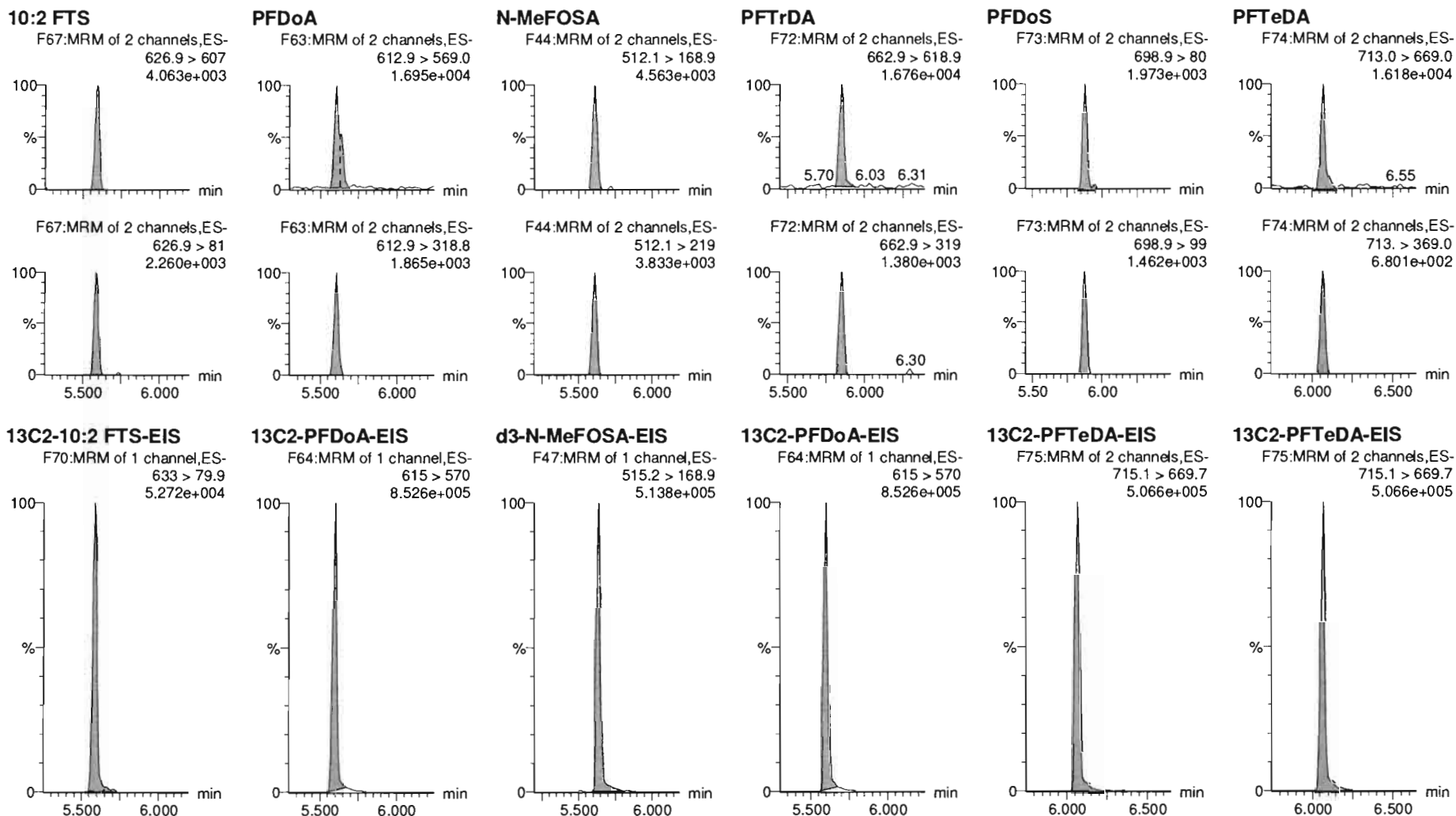


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

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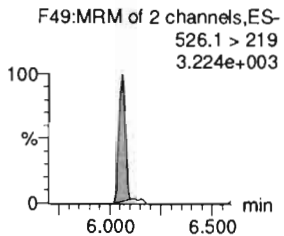
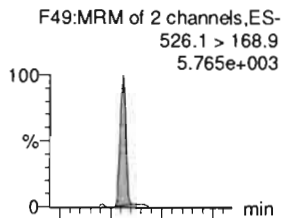
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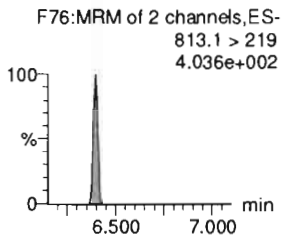
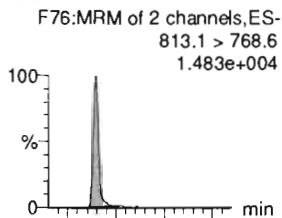
Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

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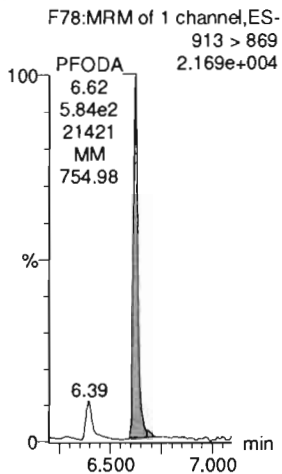
N-EtFOSEA



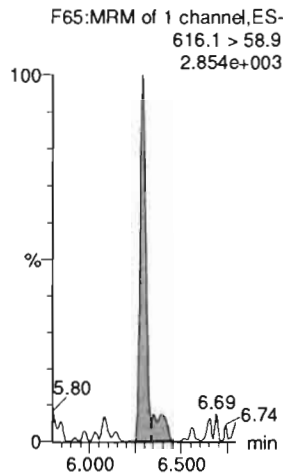
PFHxDA



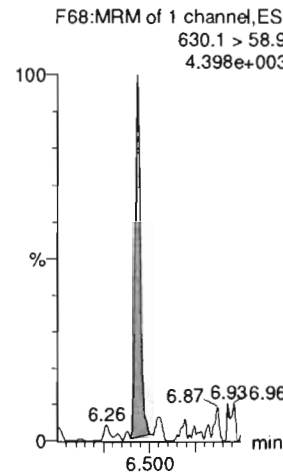
PFODA



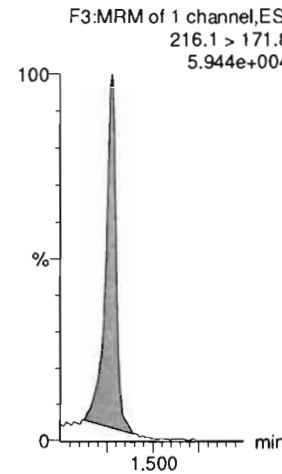
N-MeFOSE



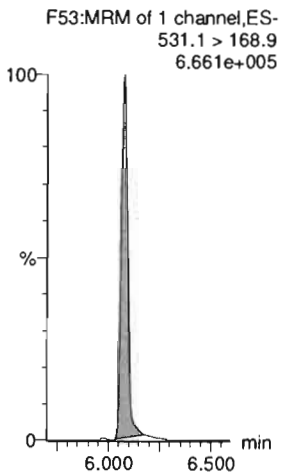
N-EtFOSE



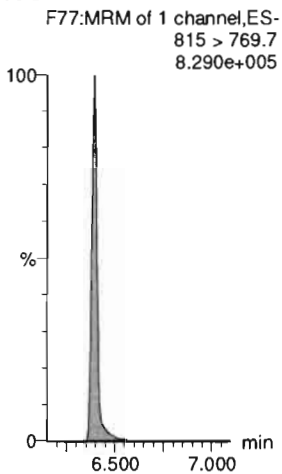
13C3-PFBA-RSD



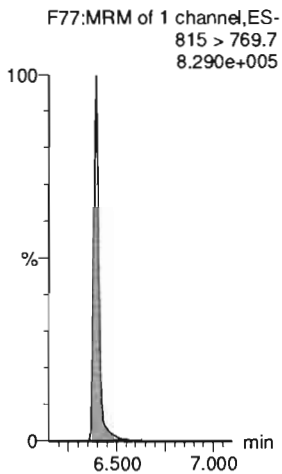
d5-N-ETFOSEA-EIS



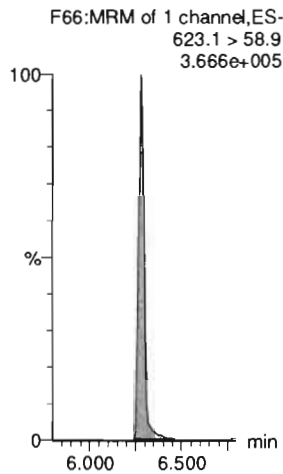
13C2-PFHxDA-EIS



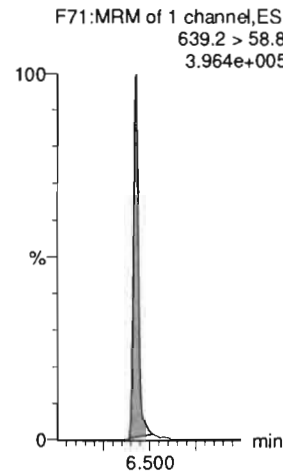
13C2-PFHxDA-EIS



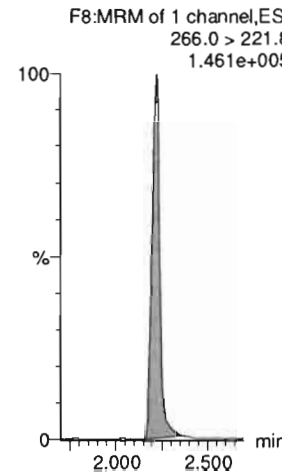
d7-N-MeFOSE-EIS



d9-N-EtFOSE-EIS



13C3-PFPeA-RSD



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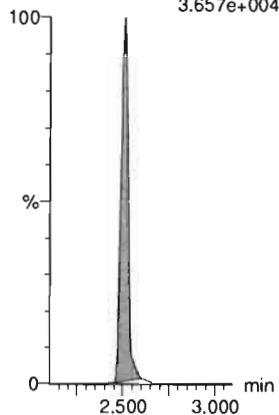
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Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_3, Date: 15-Jul-2020, Time: 13:38:20, ID: ST200715M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

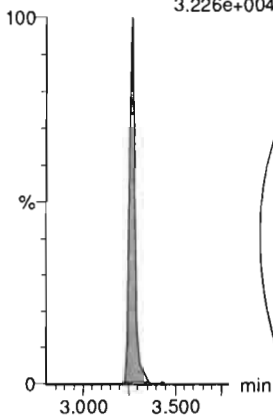
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.657e+004



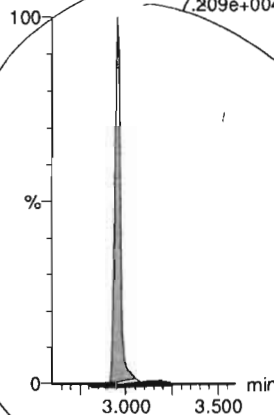
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.226e+004



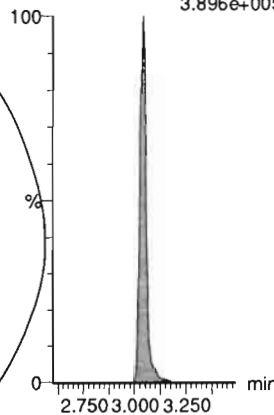
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.209e+004



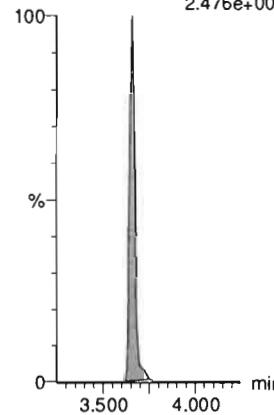
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.896e+005



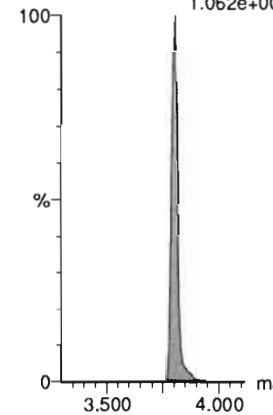
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.476e+005



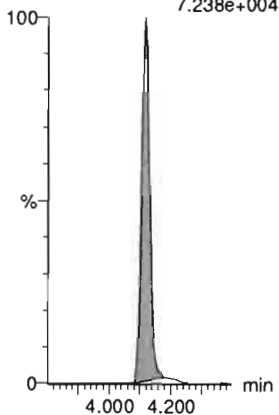
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.062e+005



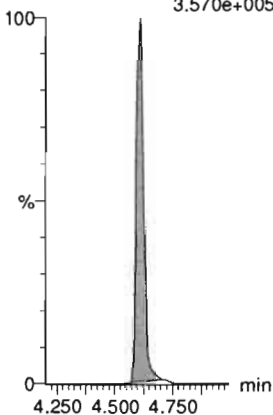
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
7.238e+004



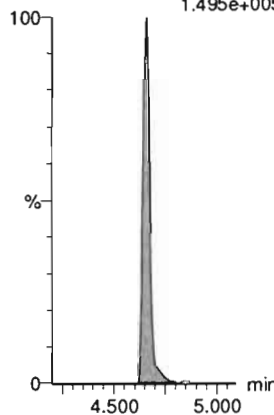
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
3.570e+005



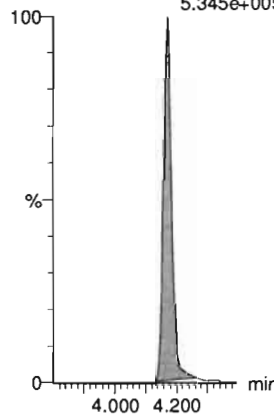
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.495e+005



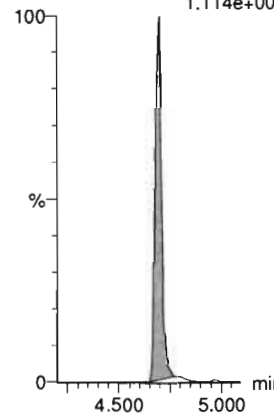
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.345e+005



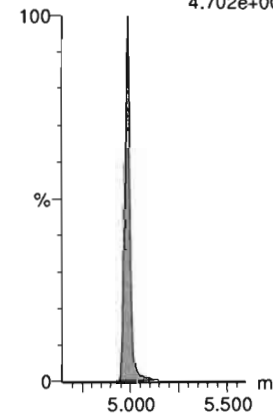
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.114e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.702e+005



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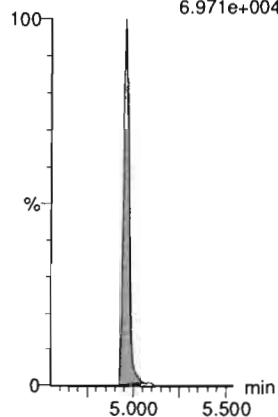
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Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_3, Date: 15-Jul-2020, Time: 13:38:20, ID: ST200715M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

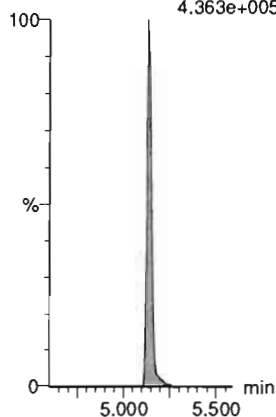
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.971e+004



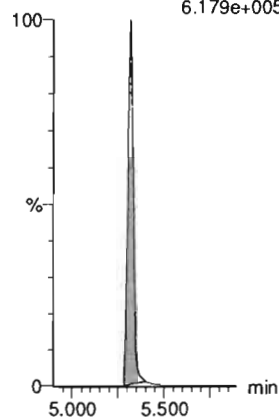
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.363e+005



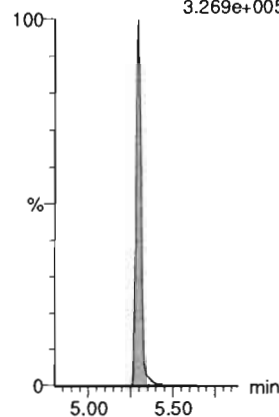
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.179e+005



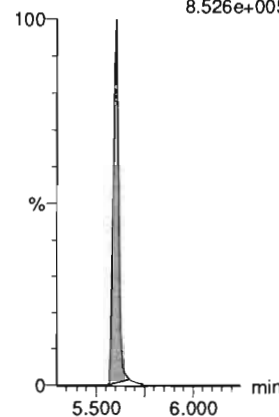
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.269e+005



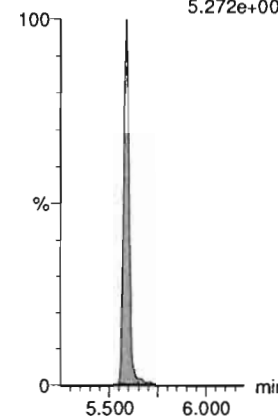
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
8.526e+005



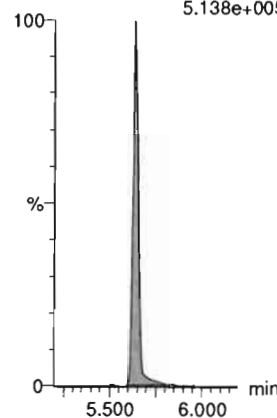
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.272e+004



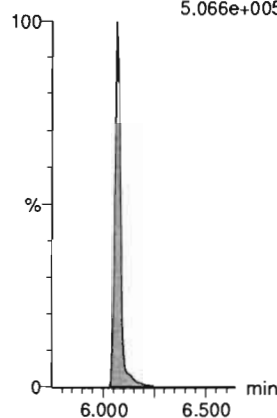
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.138e+005



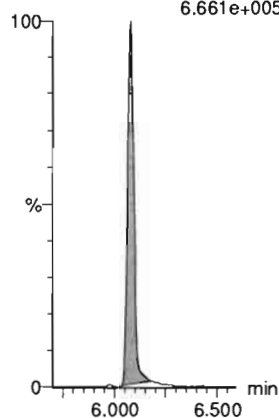
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.066e+005



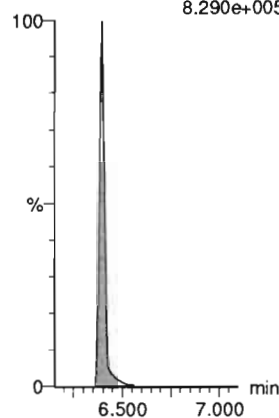
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.661e+005



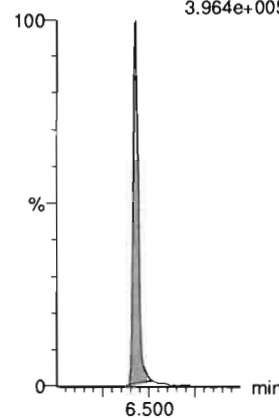
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.290e+005



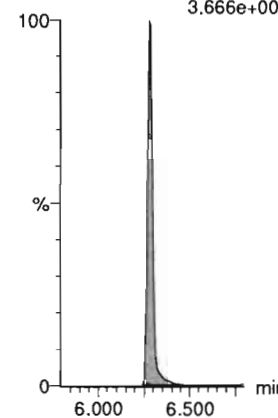
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
3.964e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.666e+005



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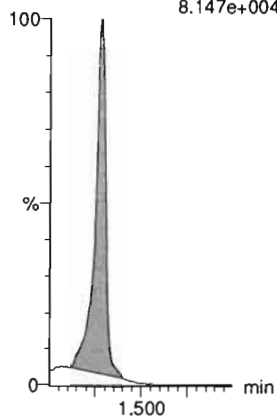
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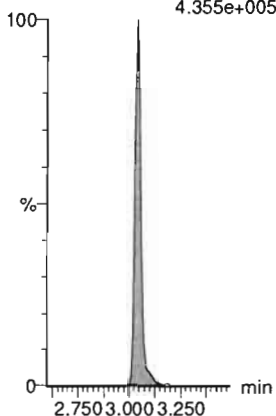
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
8.147e+004



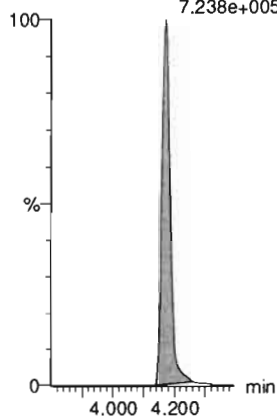
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.355e+005



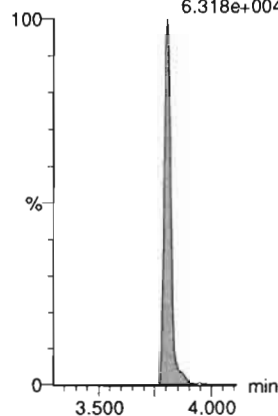
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.238e+005



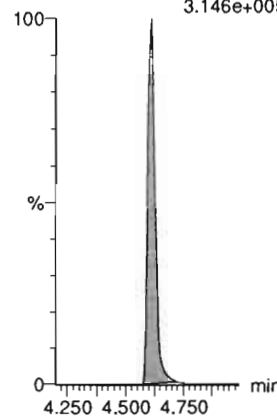
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
6.318e+004



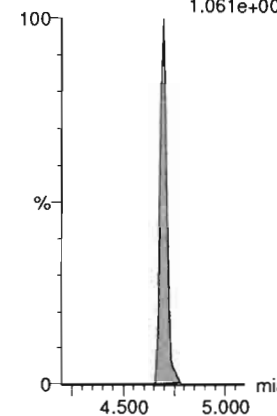
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
3.146e+005



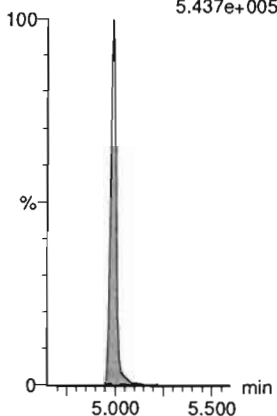
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.061e+005



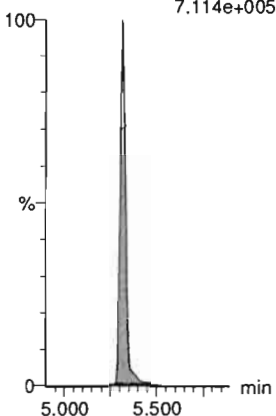
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.437e+005



13C7-PFUDa

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.114e+005

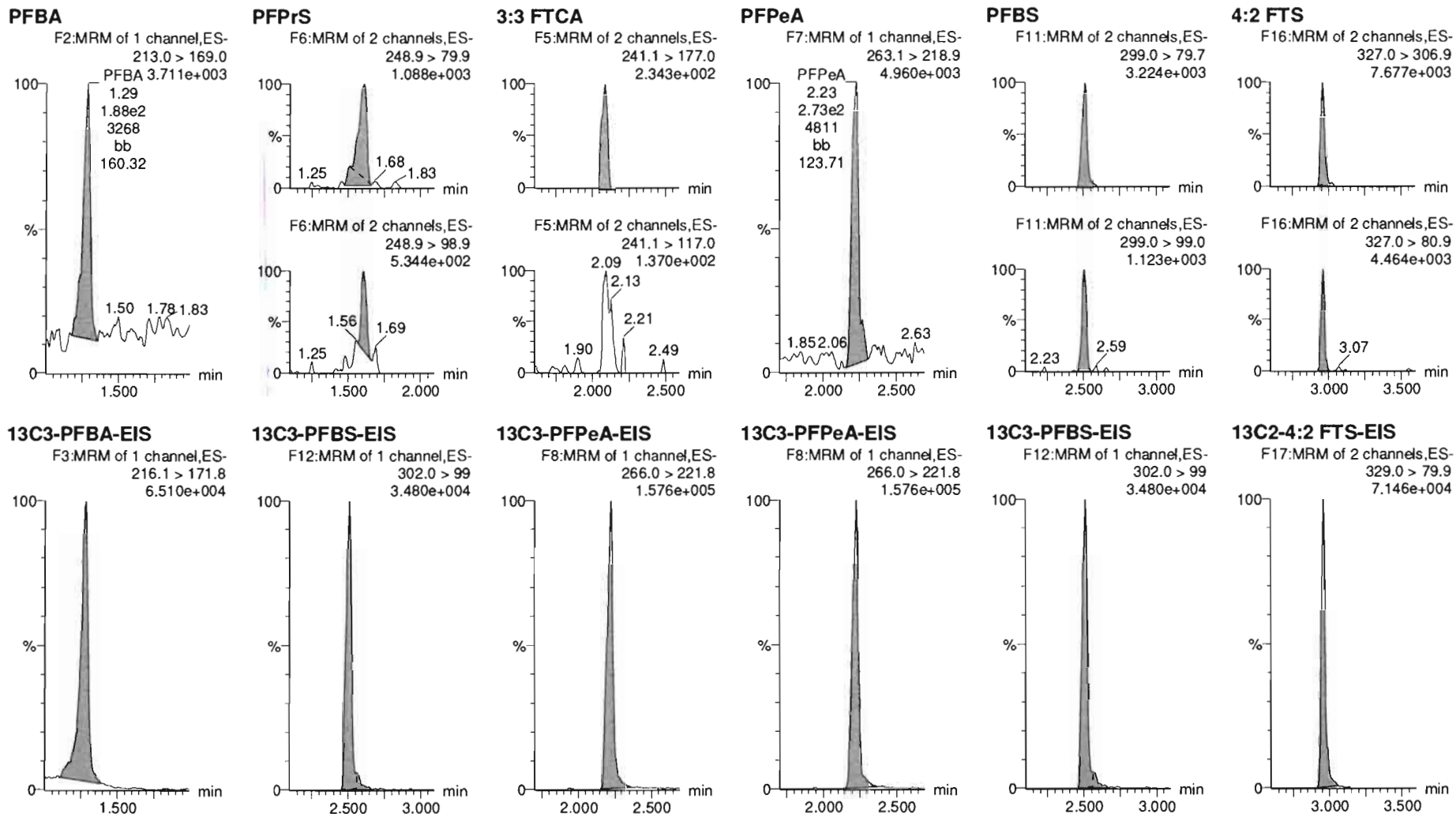


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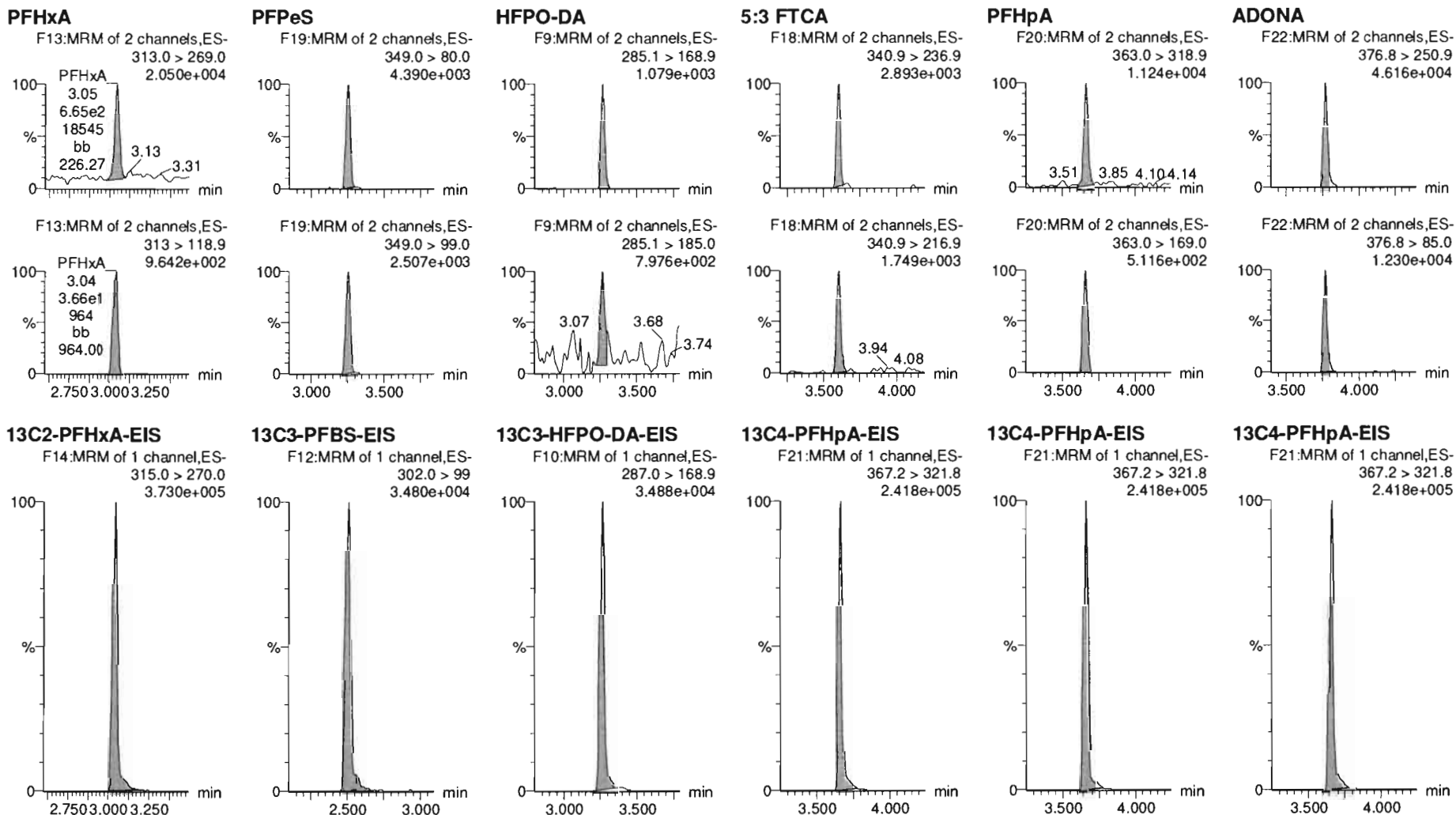


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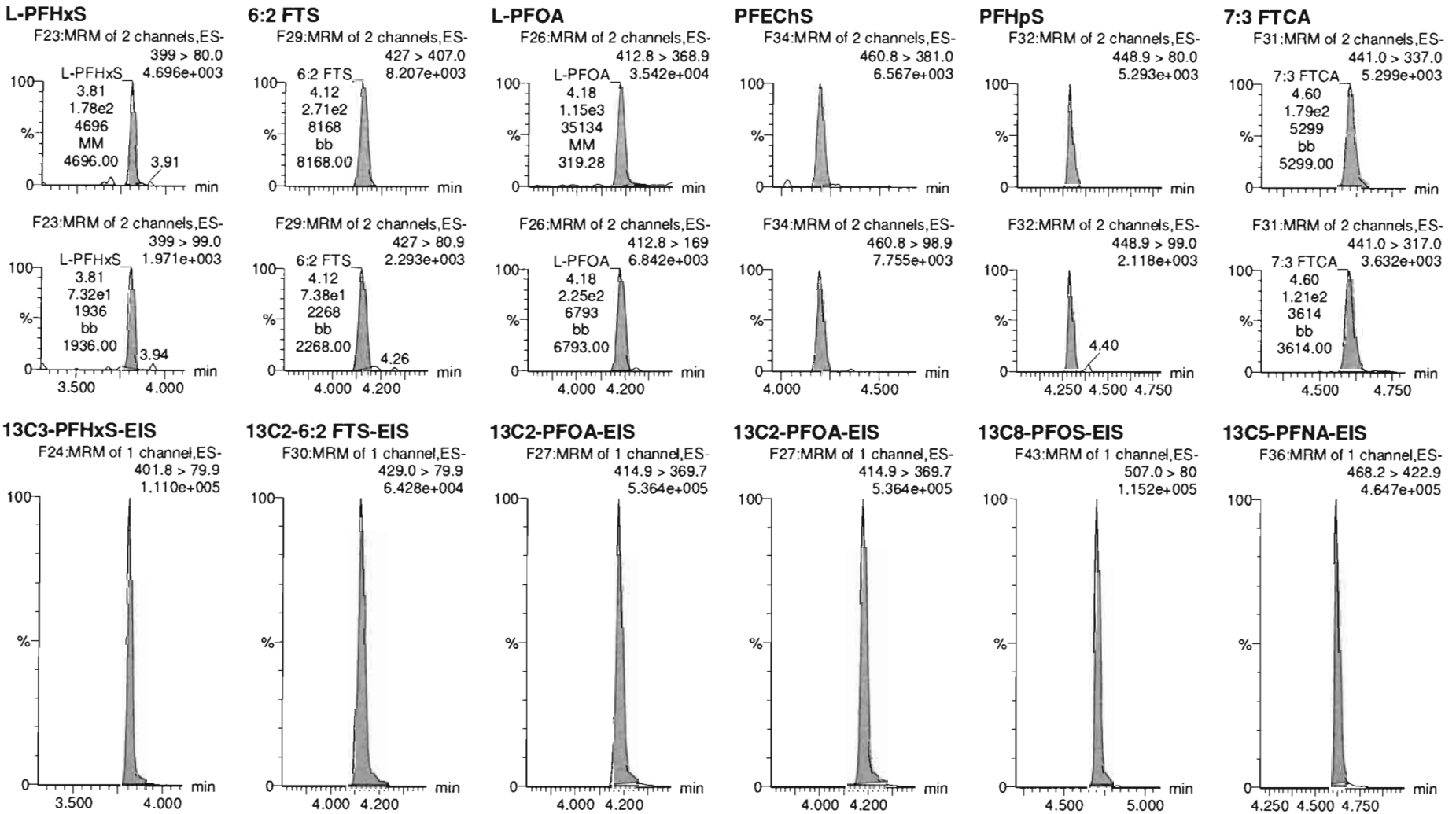


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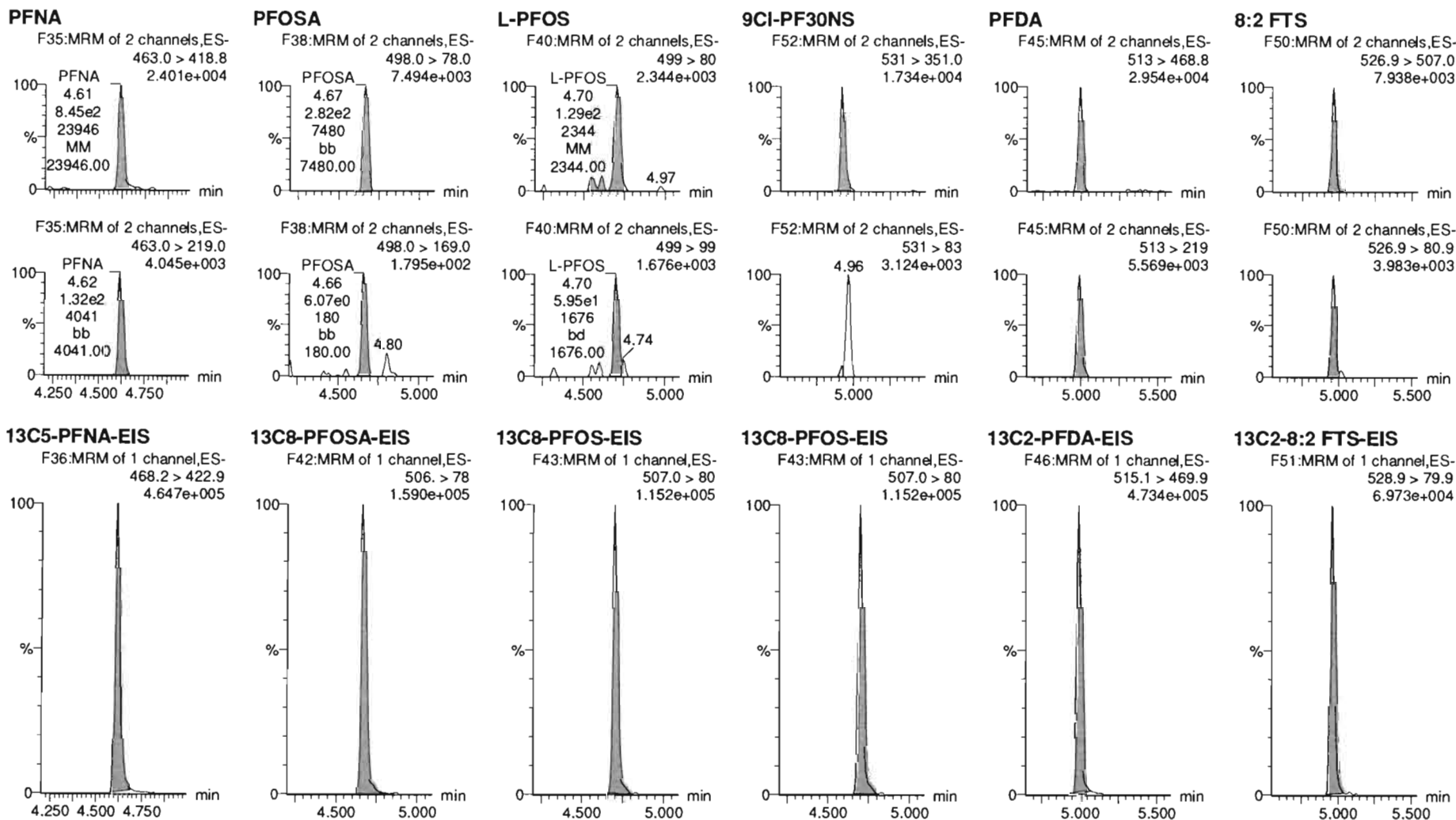


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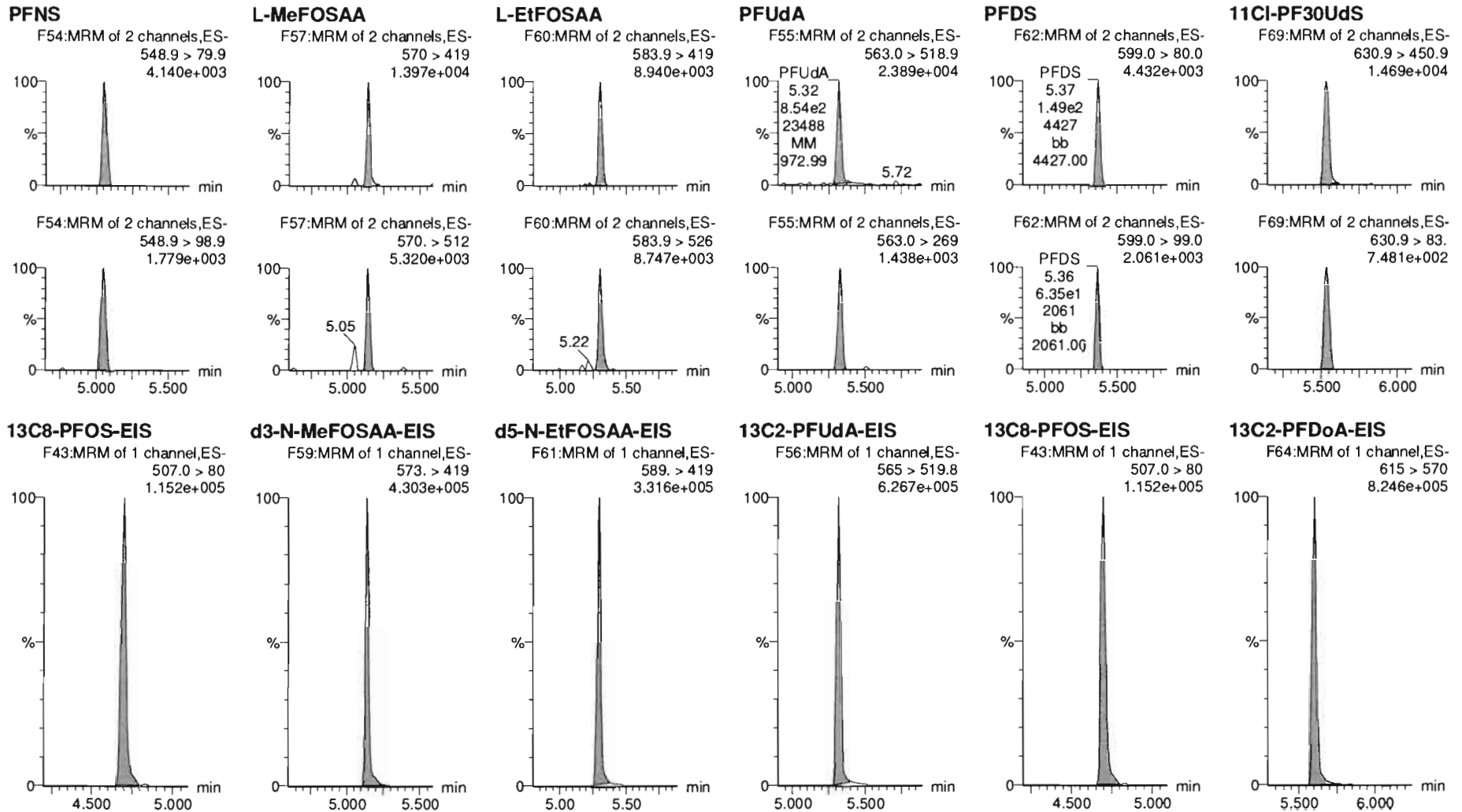
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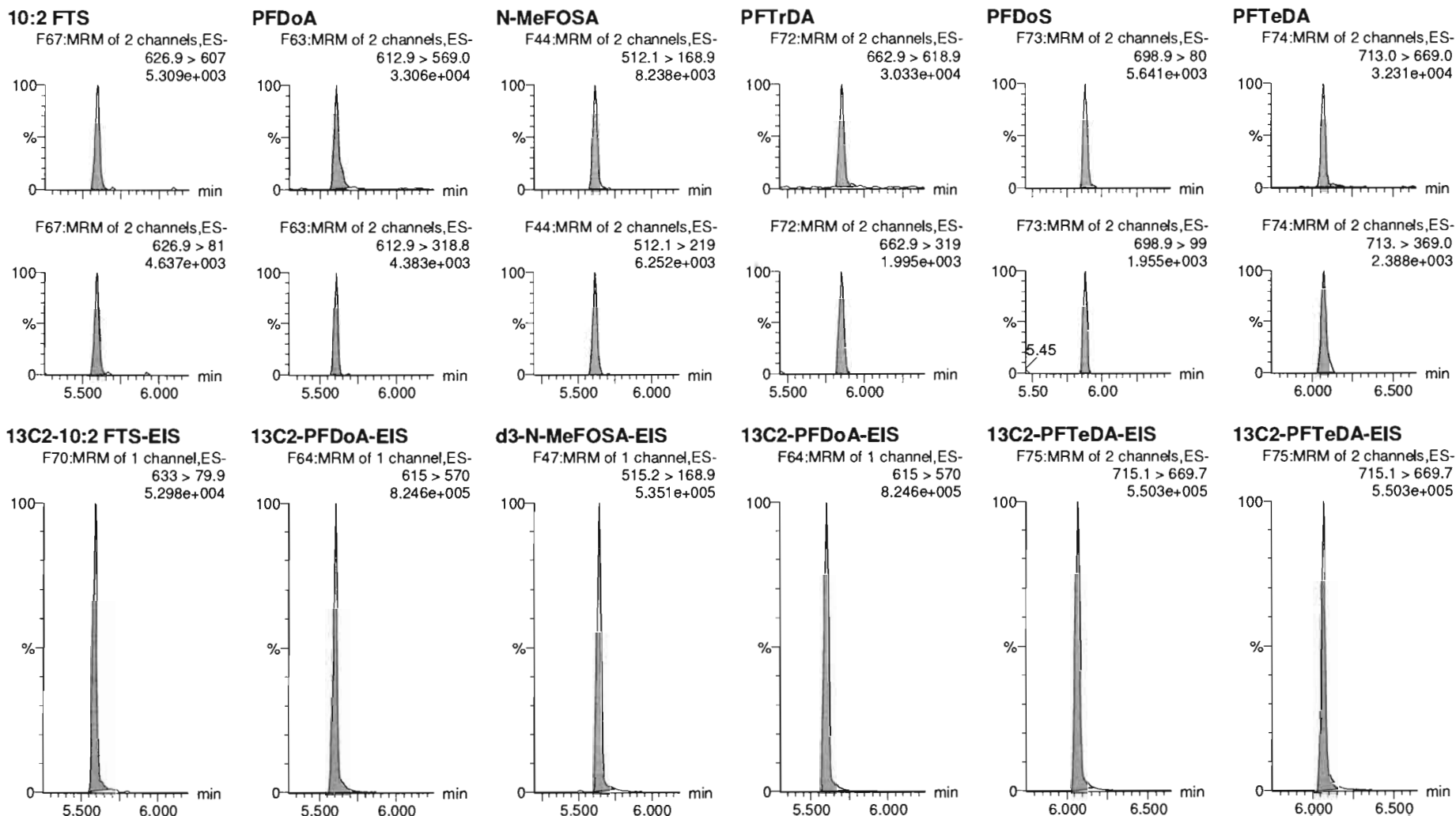


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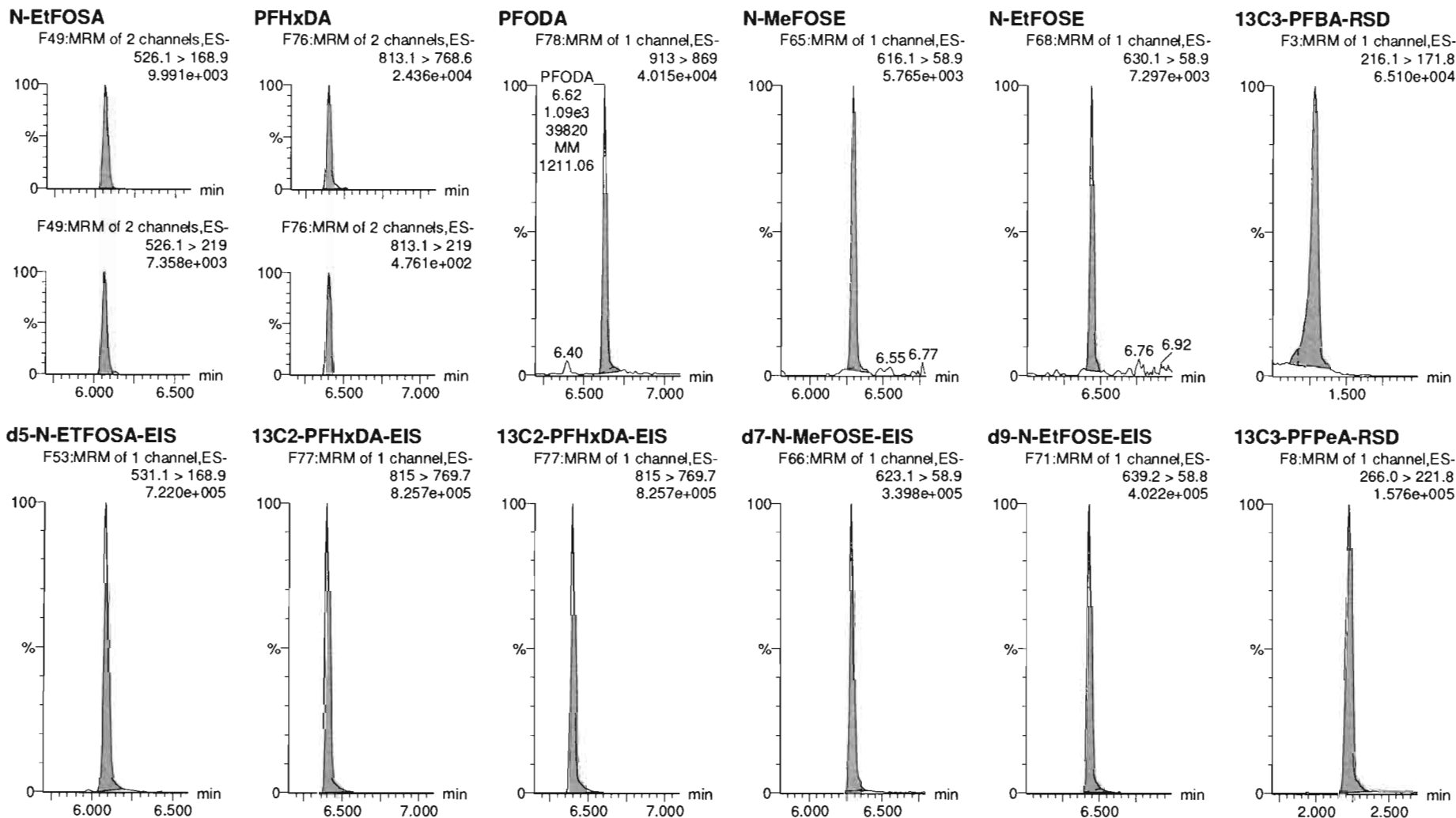


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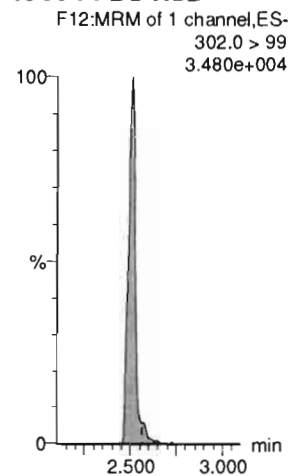
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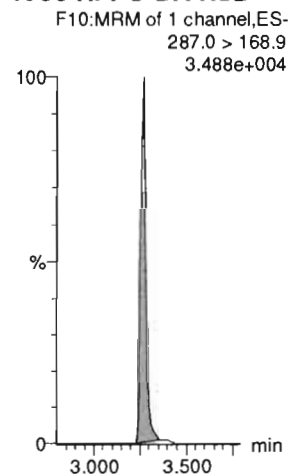
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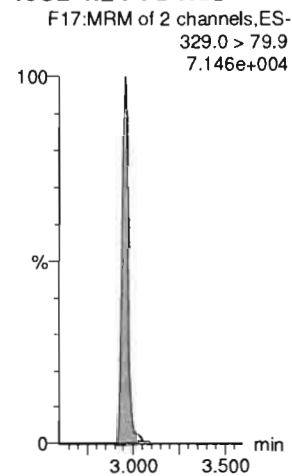
13C3-PFBS-RSD



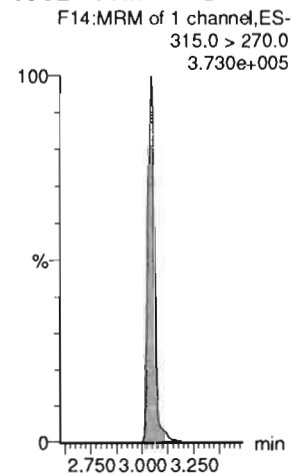
13C3-HFPO-DA-RSD



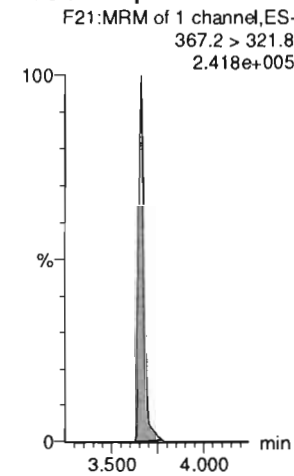
13C2-4:2 FTS-RSD



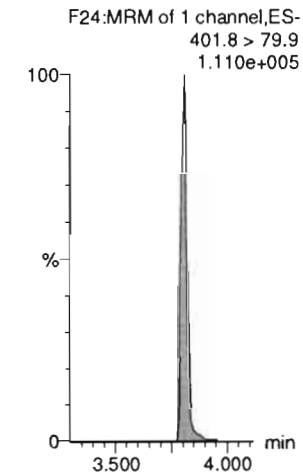
13C2-PFHxA-RSD



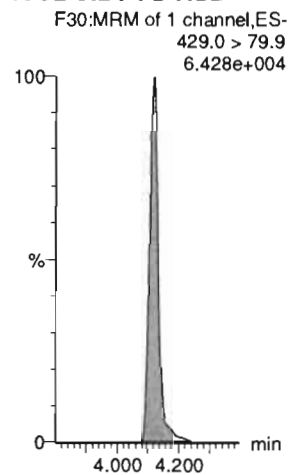
13C4-PFHpA-RSD



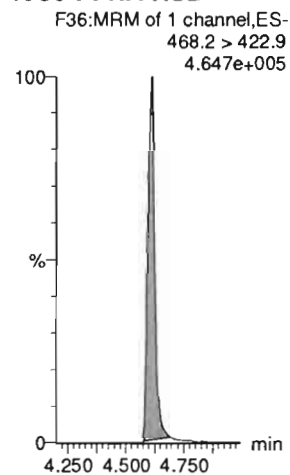
13C3-PFHxS-RSD



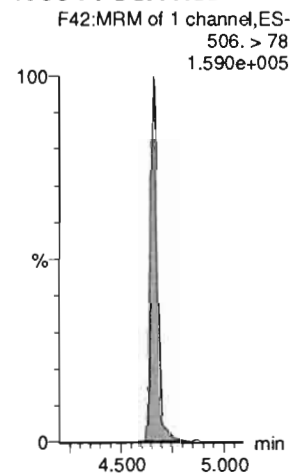
13C2-6:2 FTS-RSD



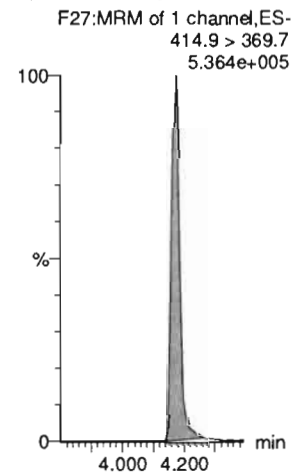
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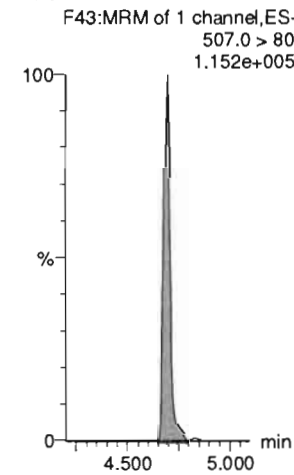
13C8-PFOA-RSD



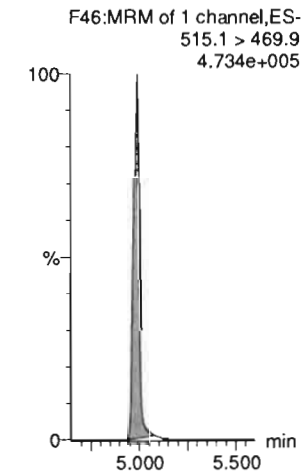
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

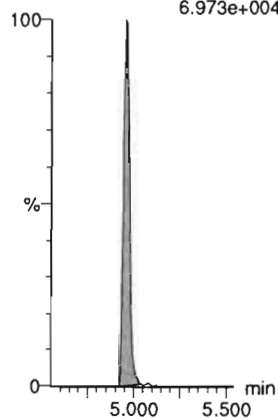
Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_4, Date: 15-Jul-2020, Time: 13:48:42, ID: ST200715M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

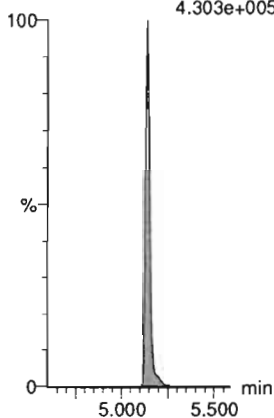
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.973e+004



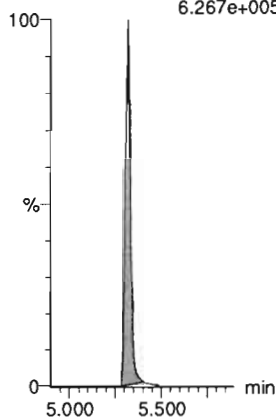
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.303e+005



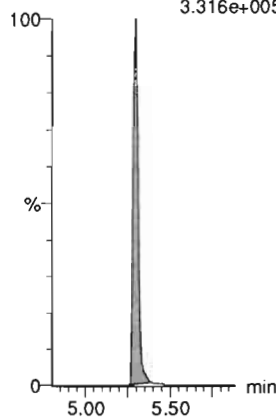
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.267e+005



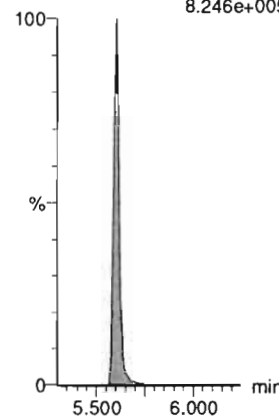
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.316e+005



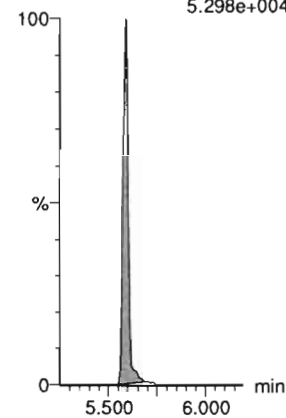
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
8.246e+005



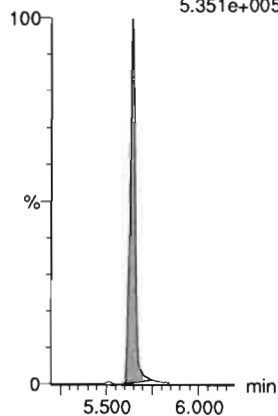
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.298e+004



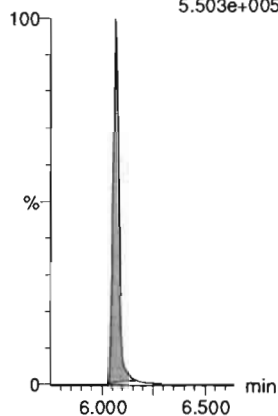
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.351e+005



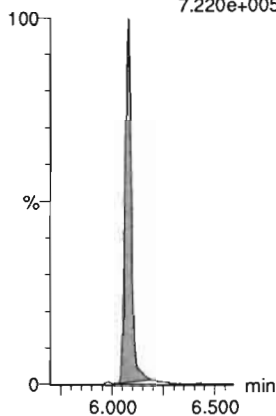
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.503e+005



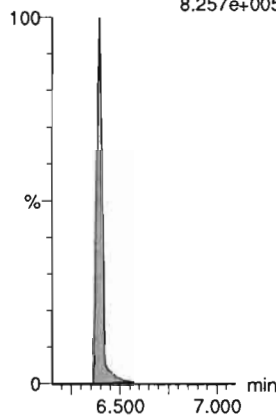
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.220e+005



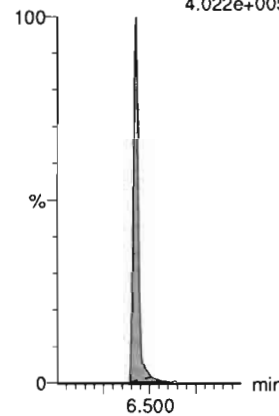
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.257e+005



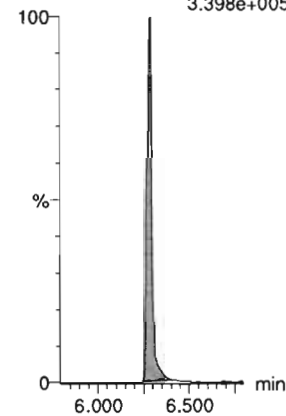
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.022e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.398e+005



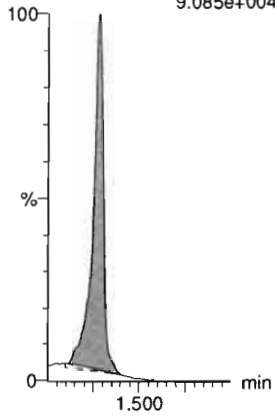
Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time
Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_4, Date: 15-Jul-2020, Time: 13:48:42, ID: ST200715M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

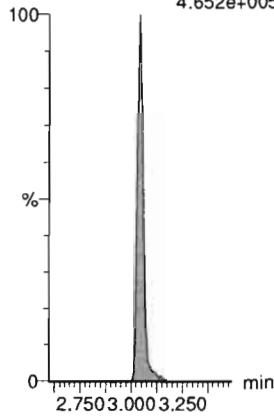
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
9.085e+004



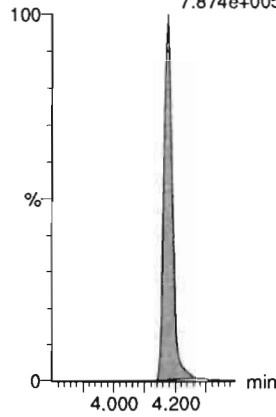
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.652e+005



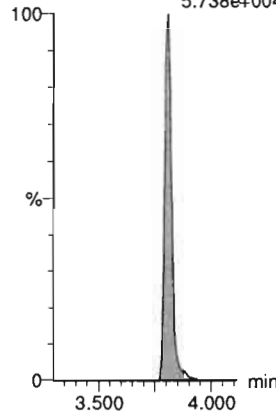
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.874e+005



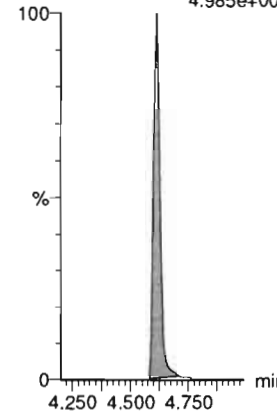
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
5.738e+004



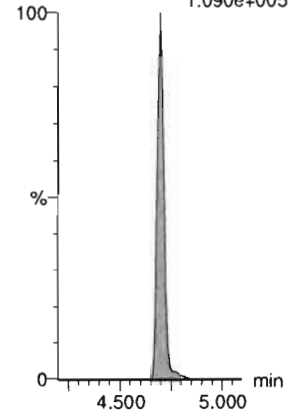
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
4.985e+005



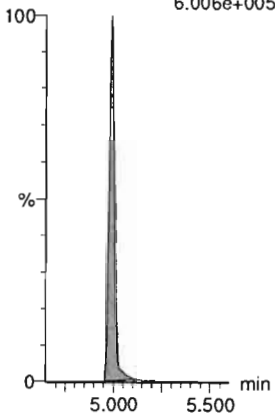
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.090e+005



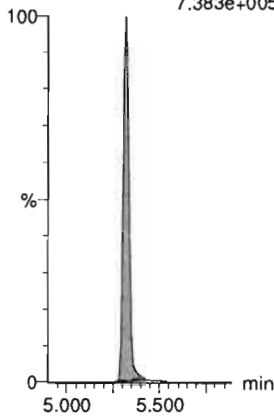
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
6.006e+005



13C7-PFUdA

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.383e+005



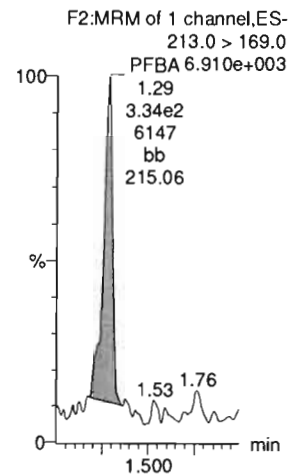
Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

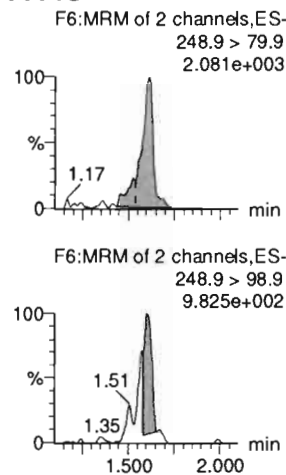
Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_5, Date: 15-Jul-2020, Time: 13:59:07, ID: ST200715M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

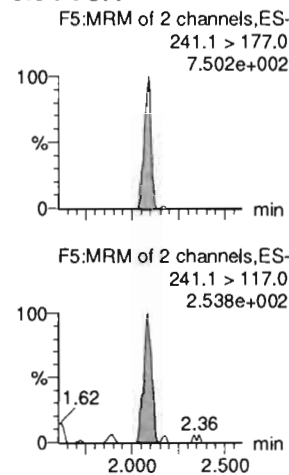
PFBA



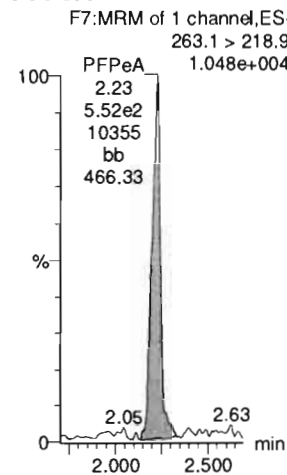
PFPPrS



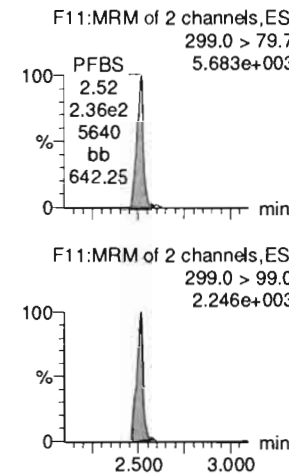
3:3 FTCA



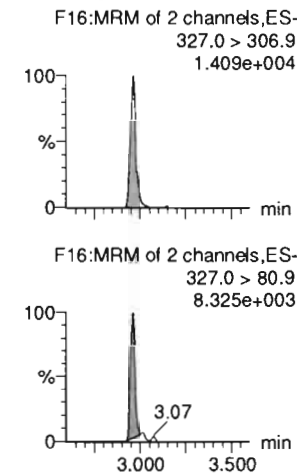
PFPeA



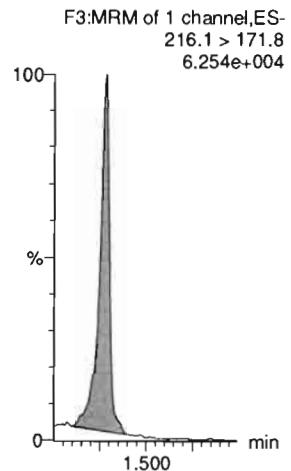
PFBS



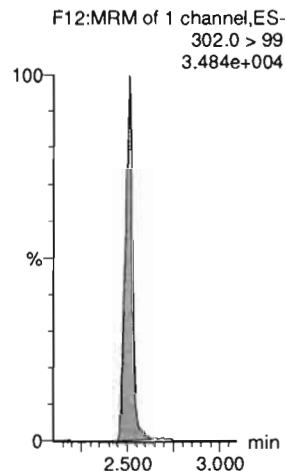
4:2 FTS



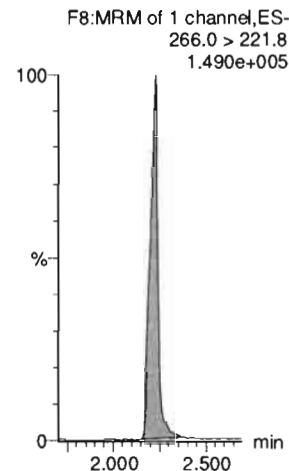
13C3-PFBA-EIS



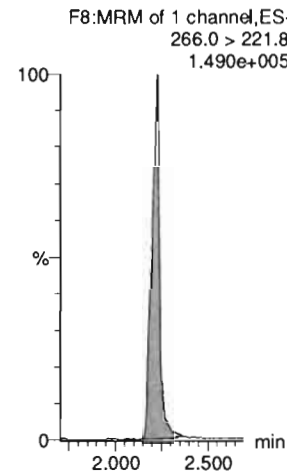
13C3-PFBS-EIS



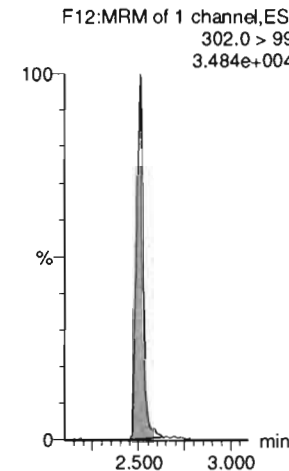
13C3-PFPeA-EIS



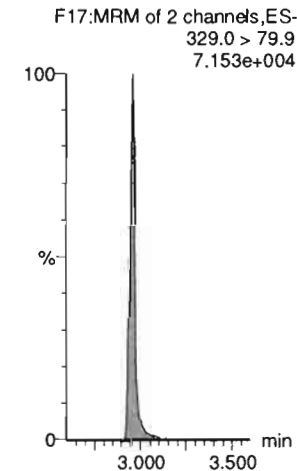
13C3-PFPeA-EIS



13C3-PFBS-EIS



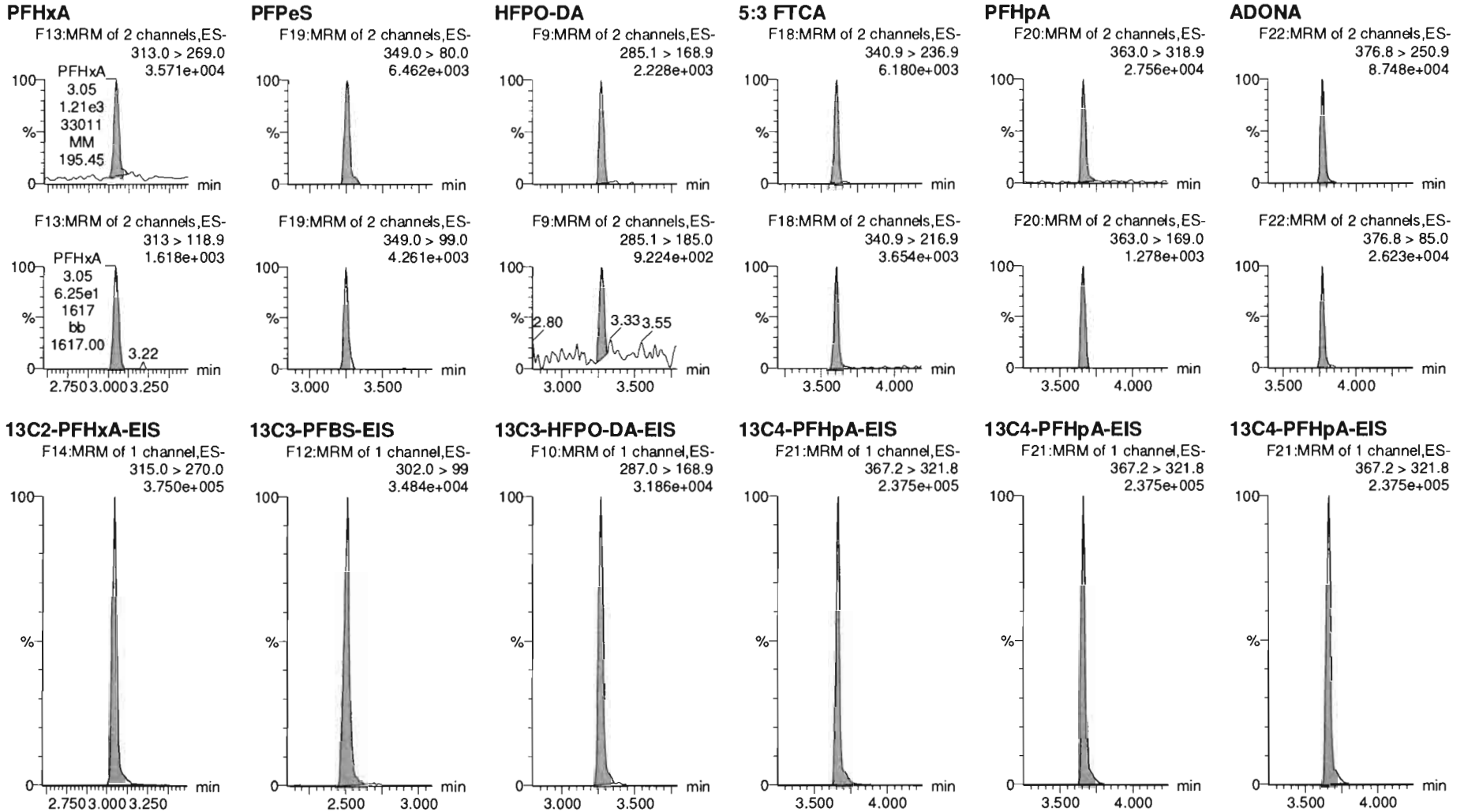
13C2-4:2 FTS-EIS



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time
Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_5, Date: 15-Jul-2020, Time: 13:59:07, ID: ST200715M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

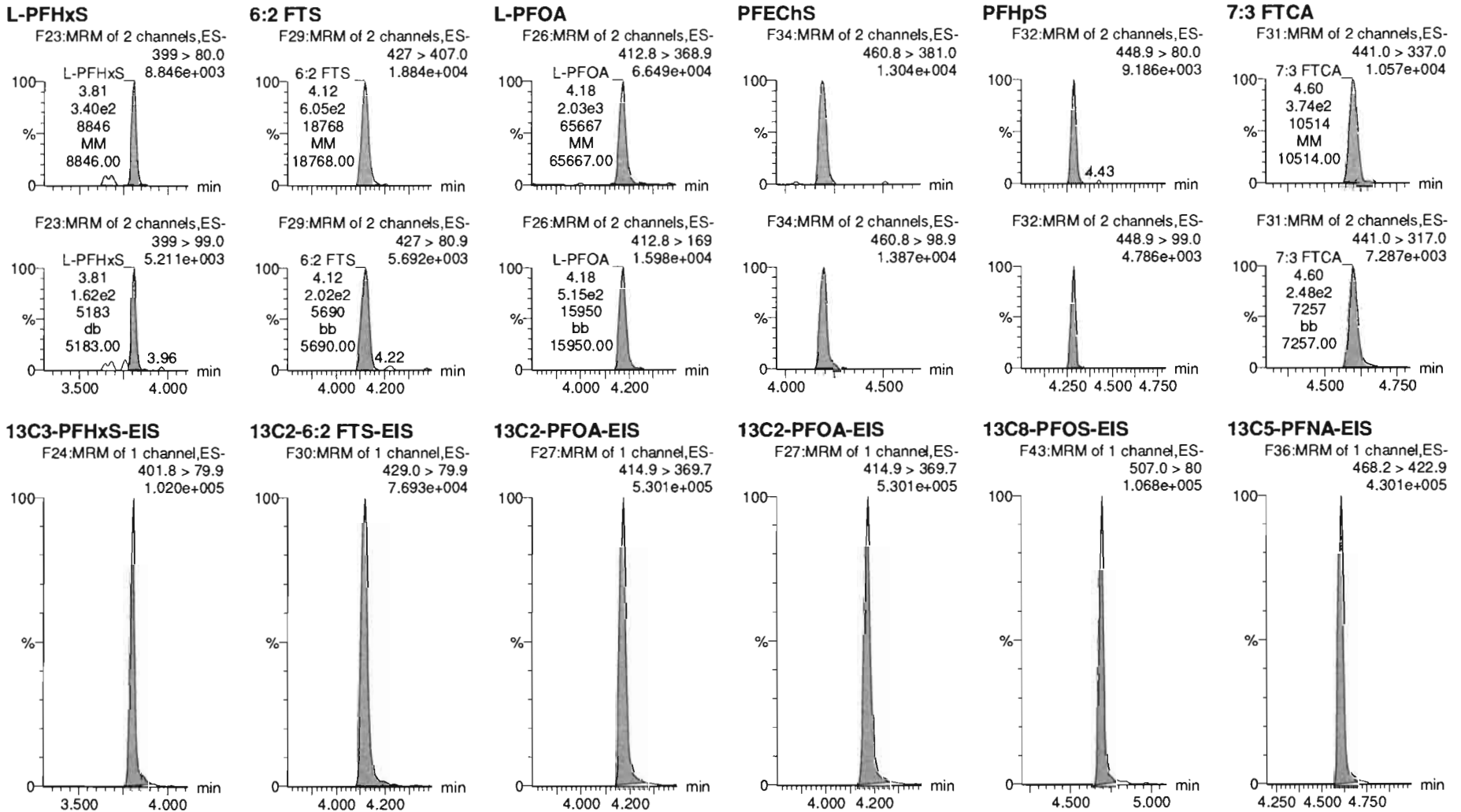


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_5, Date: 15-Jul-2020, Time: 13:59:07, ID: ST200715M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

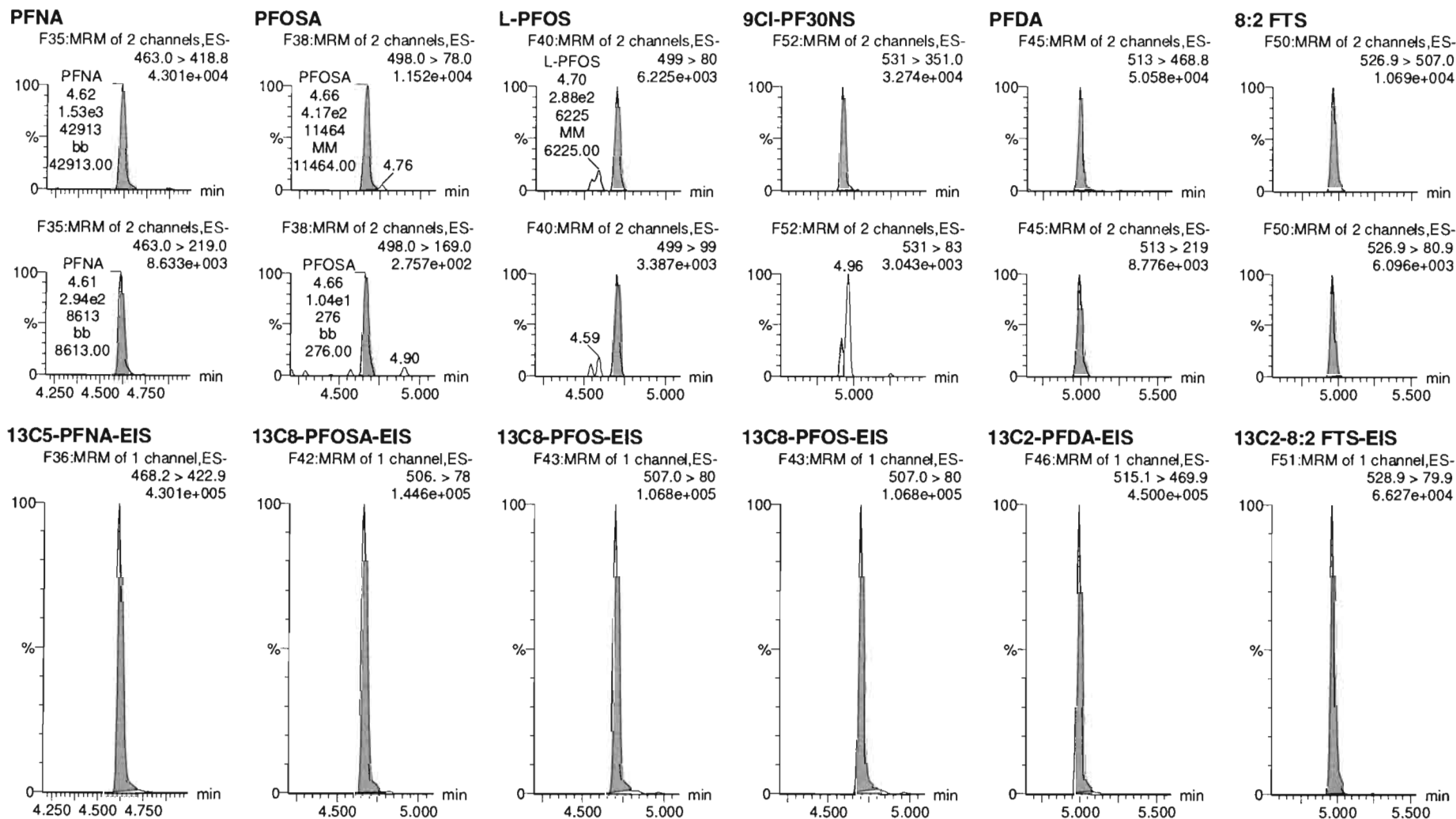


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_5, Date: 15-Jul-2020, Time: 13:59:07, ID: ST200715M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

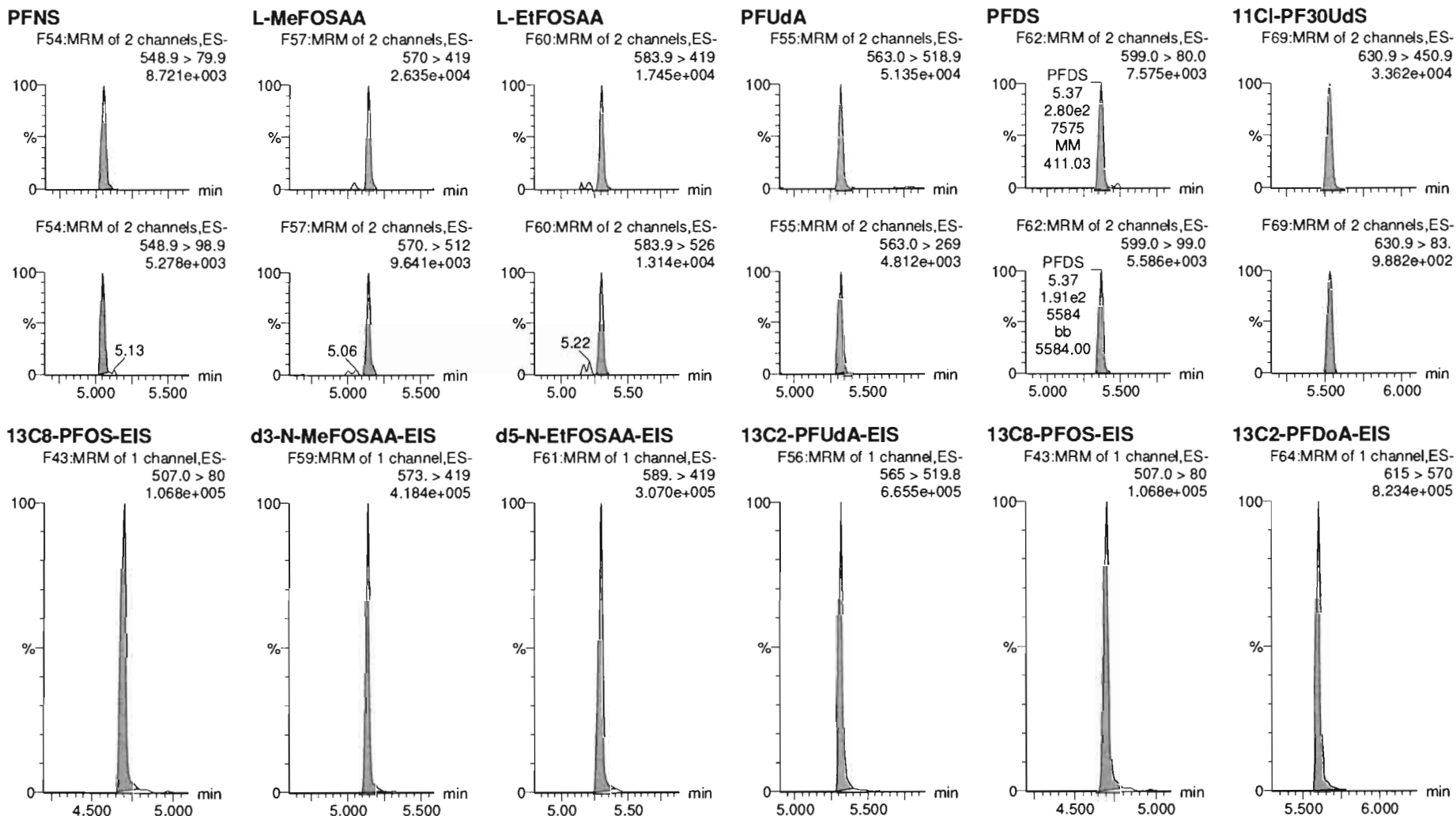


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_5, Date: 15-Jul-2020, Time: 13:59:07, ID: ST200715M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

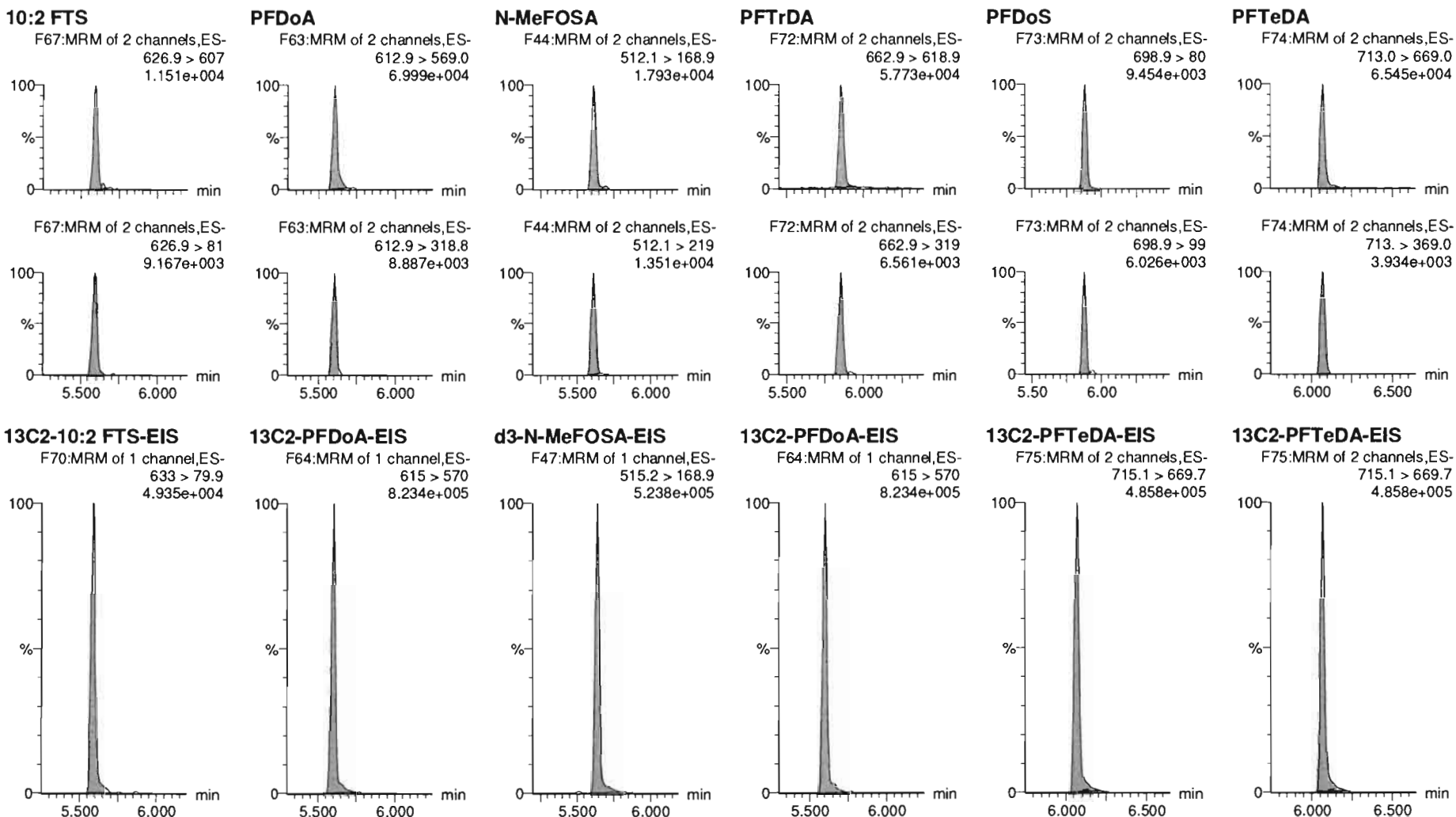


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_5, Date: 15-Jul-2020, Time: 13:59:07, ID: ST200715M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

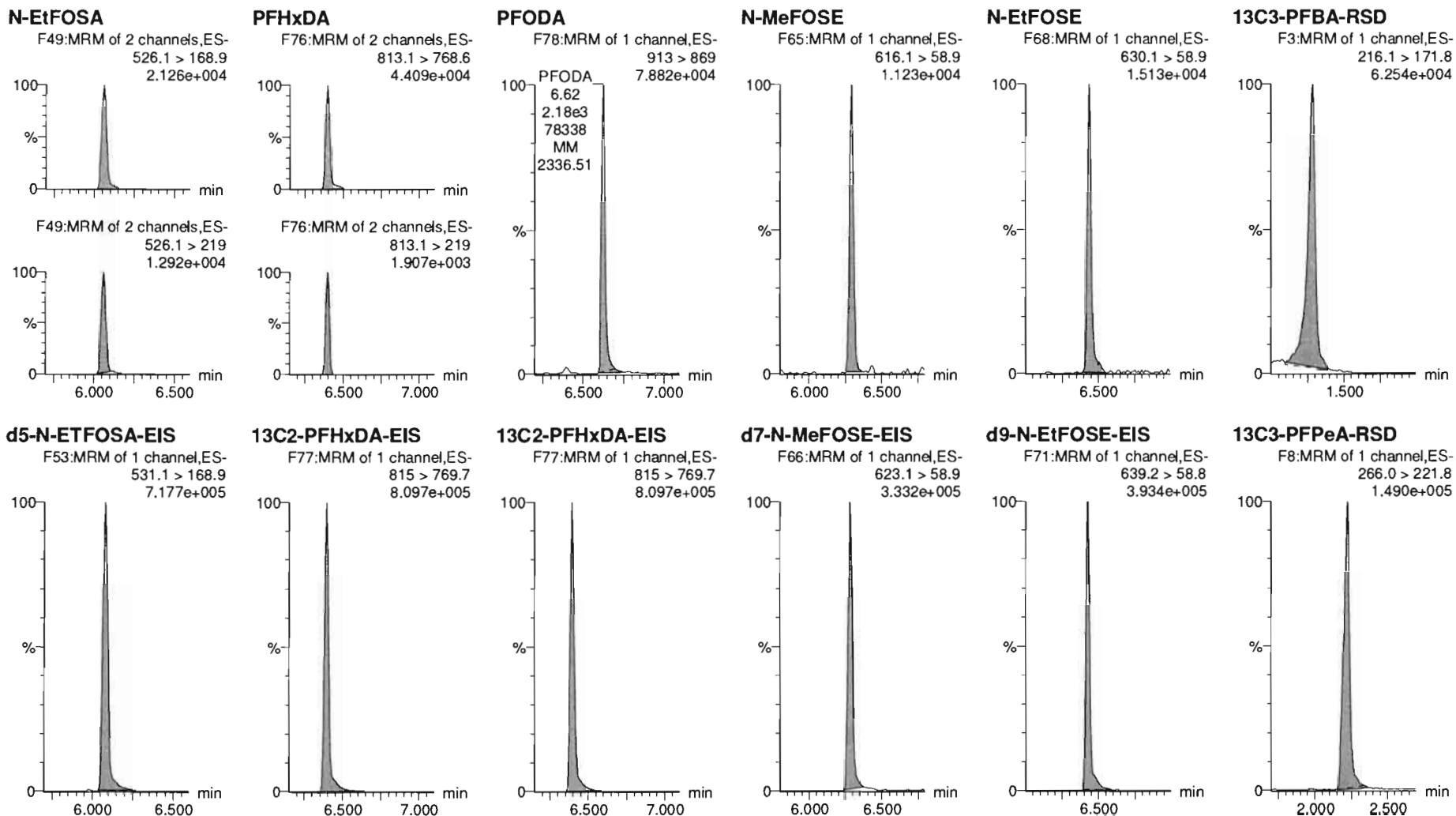


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_5, Date: 15-Jul-2020, Time: 13:59:07, ID: ST200715M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

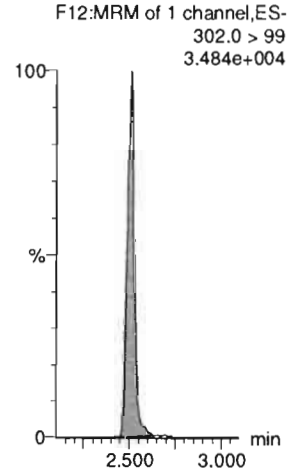


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

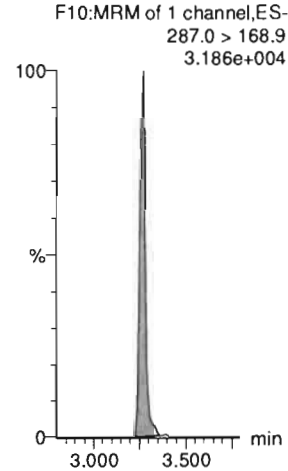
Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time
Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_5, Date: 15-Jul-2020, Time: 13:59:07, ID: ST200715M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

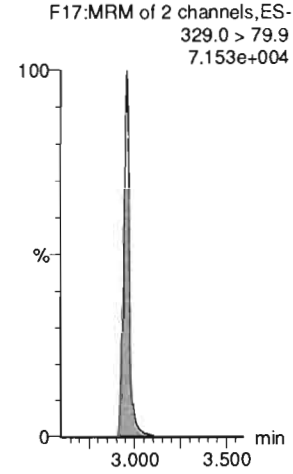
13C3-PFBS-RSD



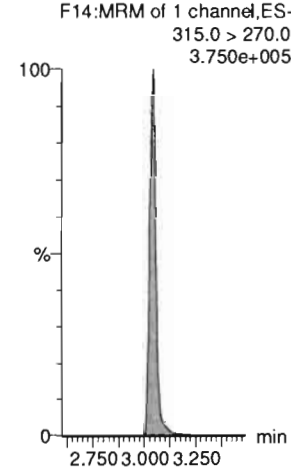
13C3-HFPO-DA-RSD



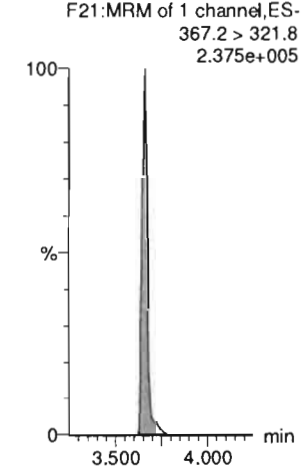
13C2-4:2 FTS-RSD



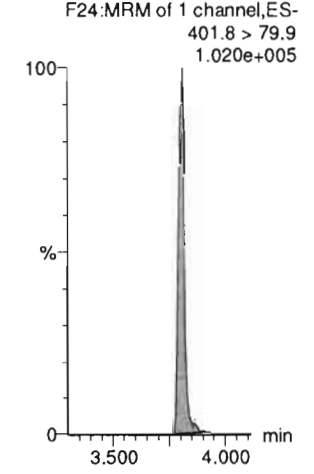
13C2-PFHxA-RSD



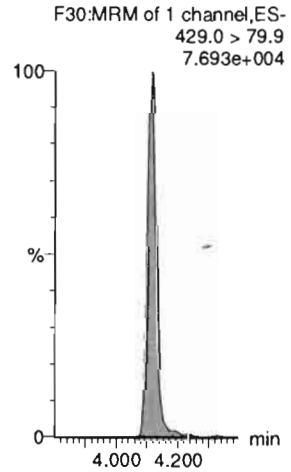
13C4-PFHpA-RSD



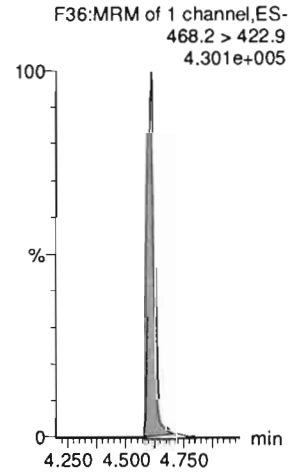
13C3-PFHxS-RSD



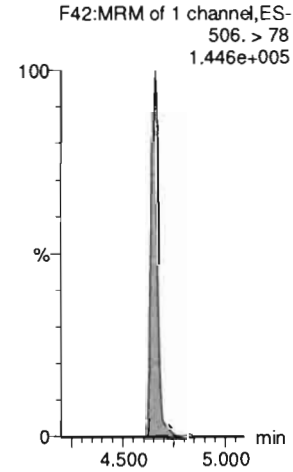
13C2-6:2 FTS-RSD



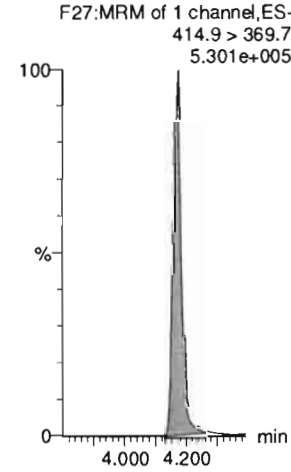
13C5-PFNA-RSD



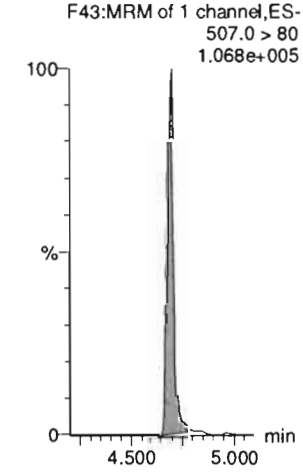
13C8-PFOA-RSD



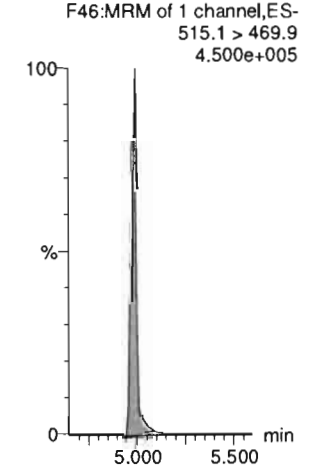
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

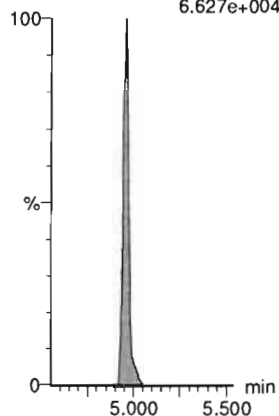
Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_5, Date: 15-Jul-2020, Time: 13:59:07, ID: ST200715M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

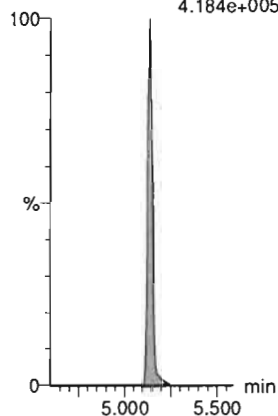
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.627e+004



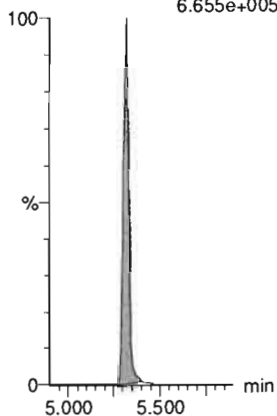
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.184e+005



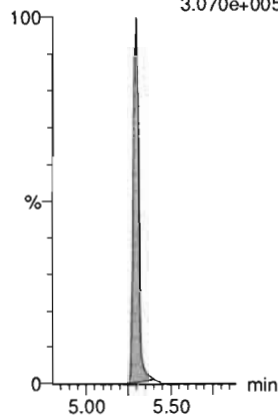
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.655e+005



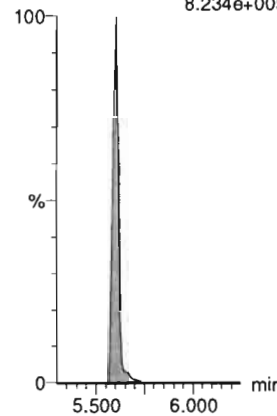
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.070e+005



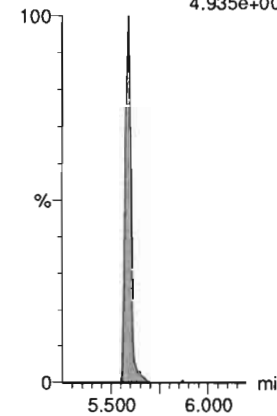
13C2-PFDaA-RSD

F64:MRM of 1 channel,ES-
615 > 570
8.234e+005



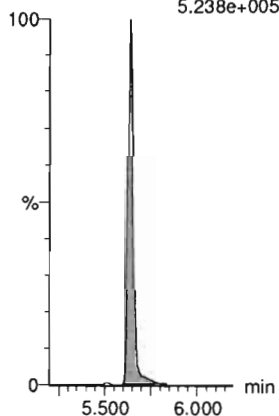
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.935e+004



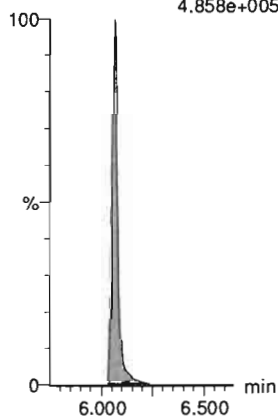
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.238e+005



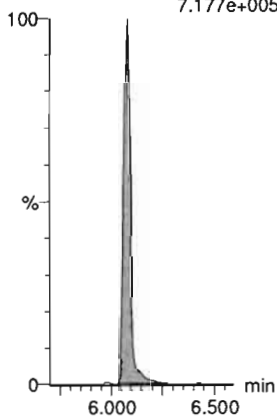
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.858e+005



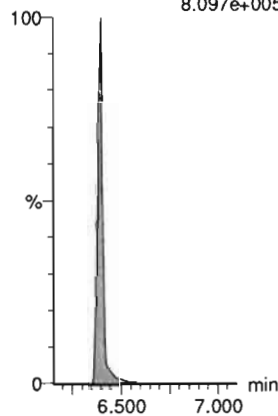
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.177e+005



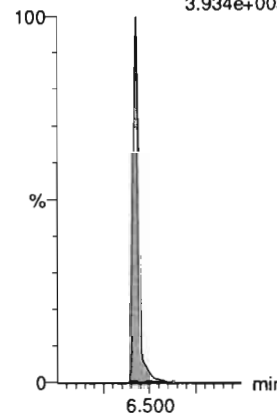
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.097e+005



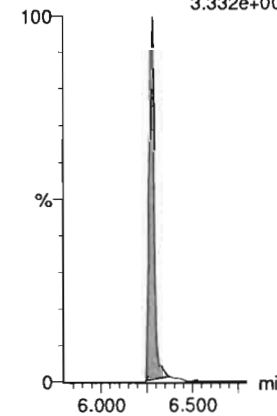
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
3.934e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.332e+005



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

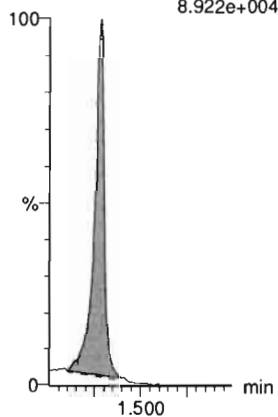
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Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_5, Date: 15-Jul-2020, Time: 13:59:07, ID: ST200715M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

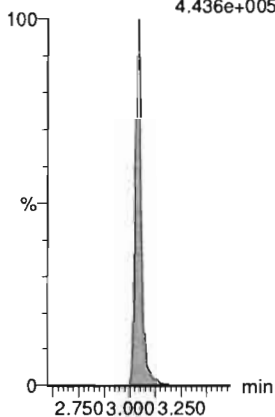
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
8.922e+004



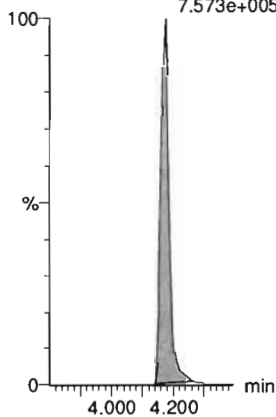
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.436e+005



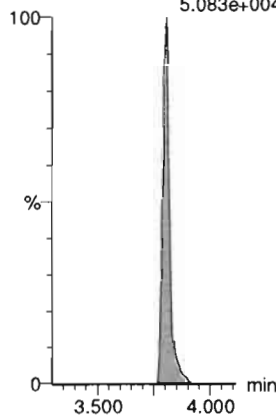
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.573e+005



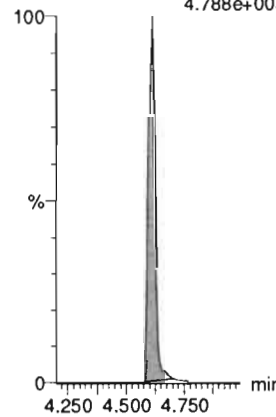
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
5.083e+004



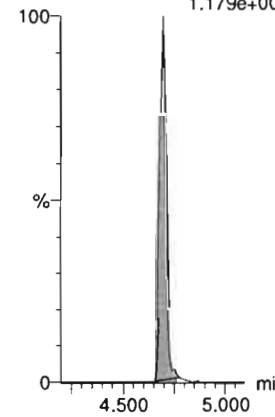
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
4.788e+005



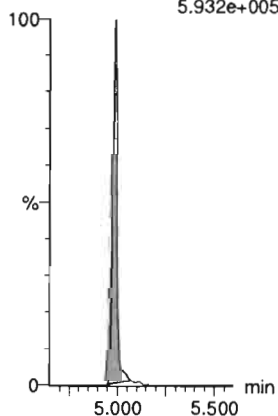
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.179e+005



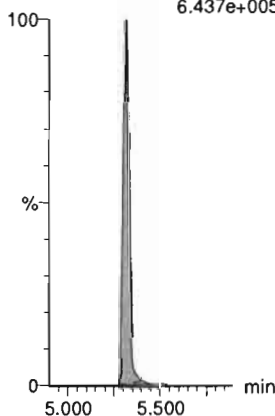
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.932e+005



13C7-PFUDa

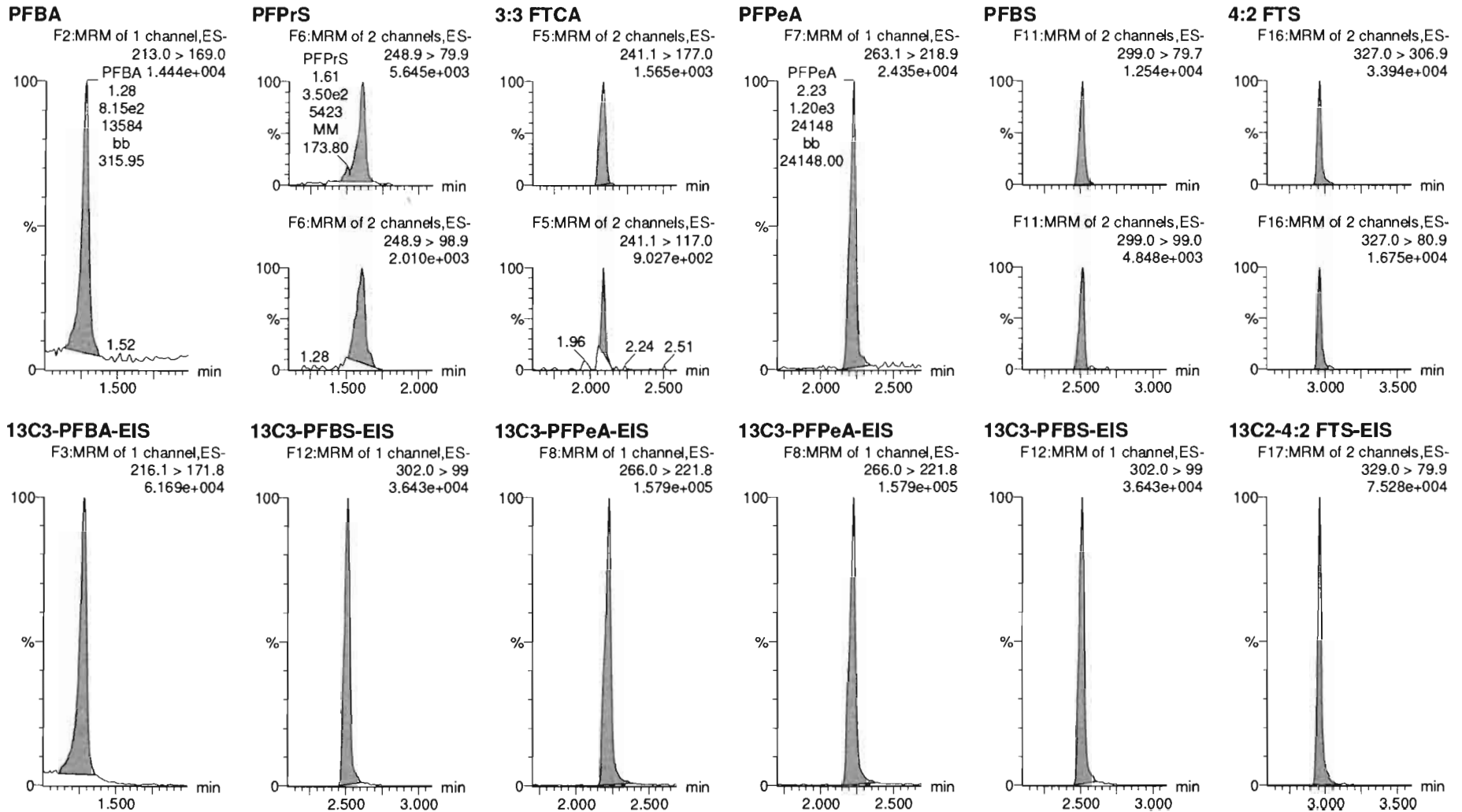
F58:MRM of 1 channel,ES-
570.1 > 524.8
6.437e+005



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time
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Name: 200715M1_6, Date: 15-Jul-2020, Time: 14:09:29, ID: ST200715M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

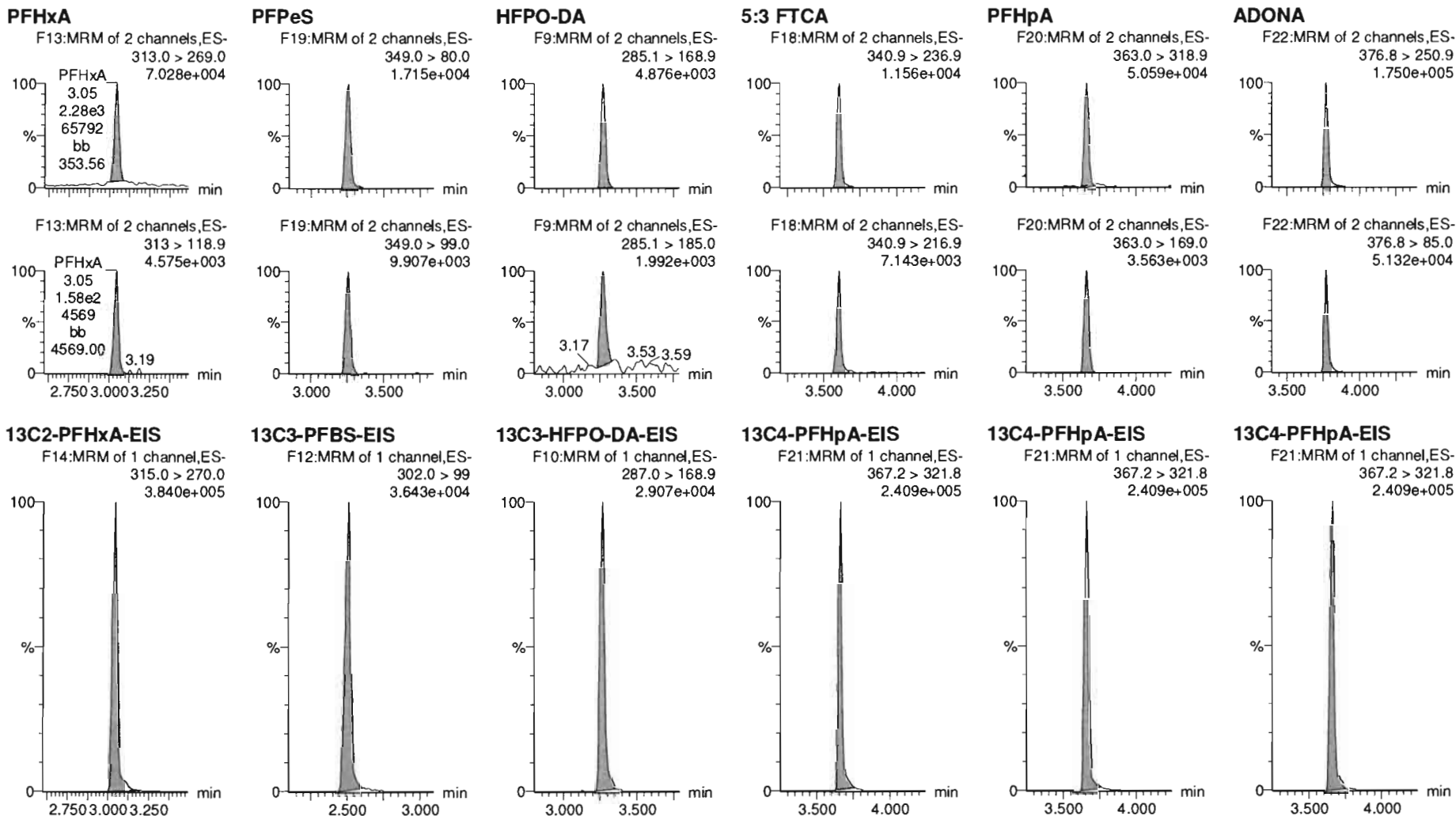


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Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_6, Date: 15-Jul-2020, Time: 14:09:29, ID: ST200715M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

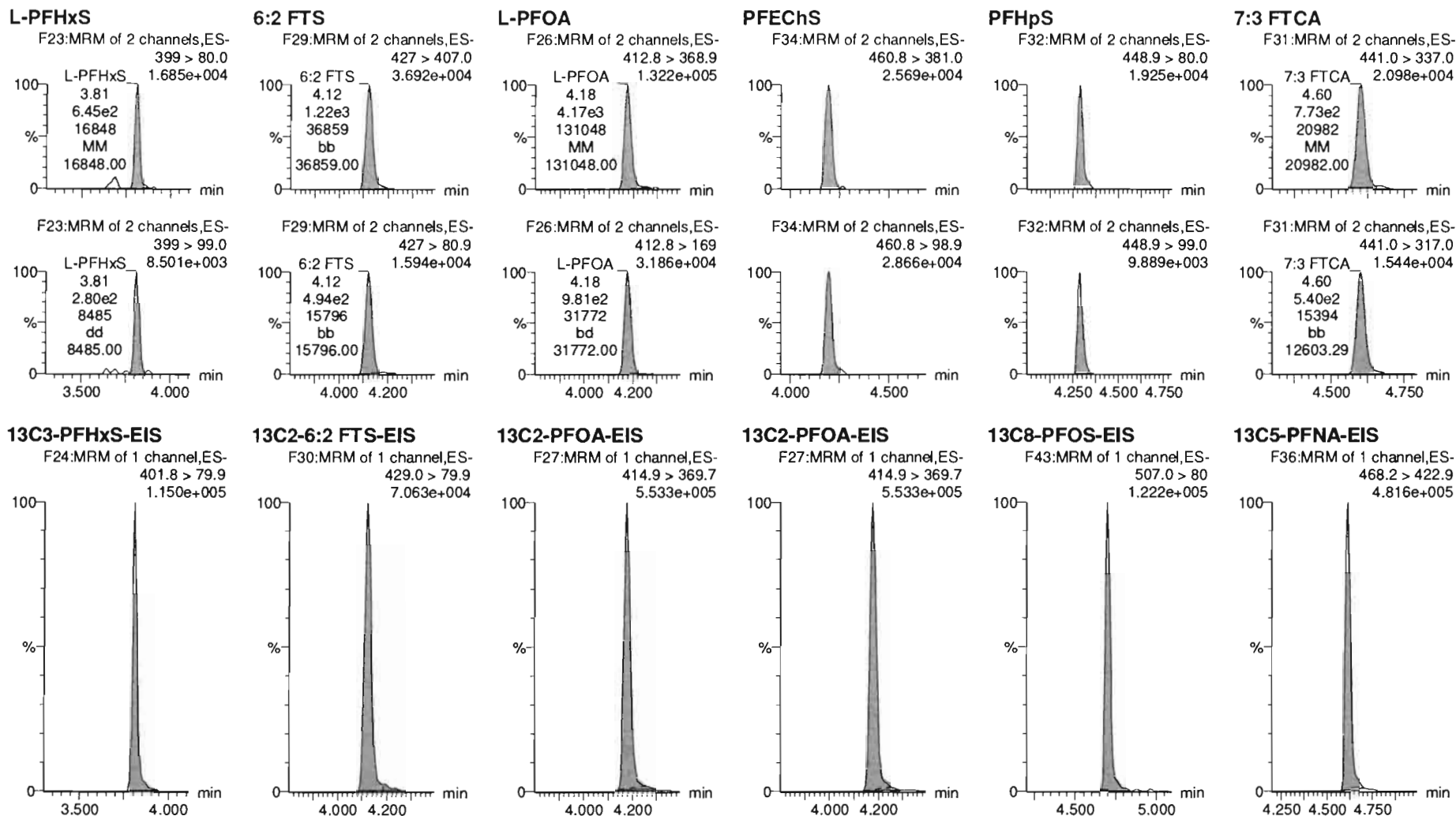


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Name: 200715M1_6, Date: 15-Jul-2020, Time: 14:09:29, ID: ST200715M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

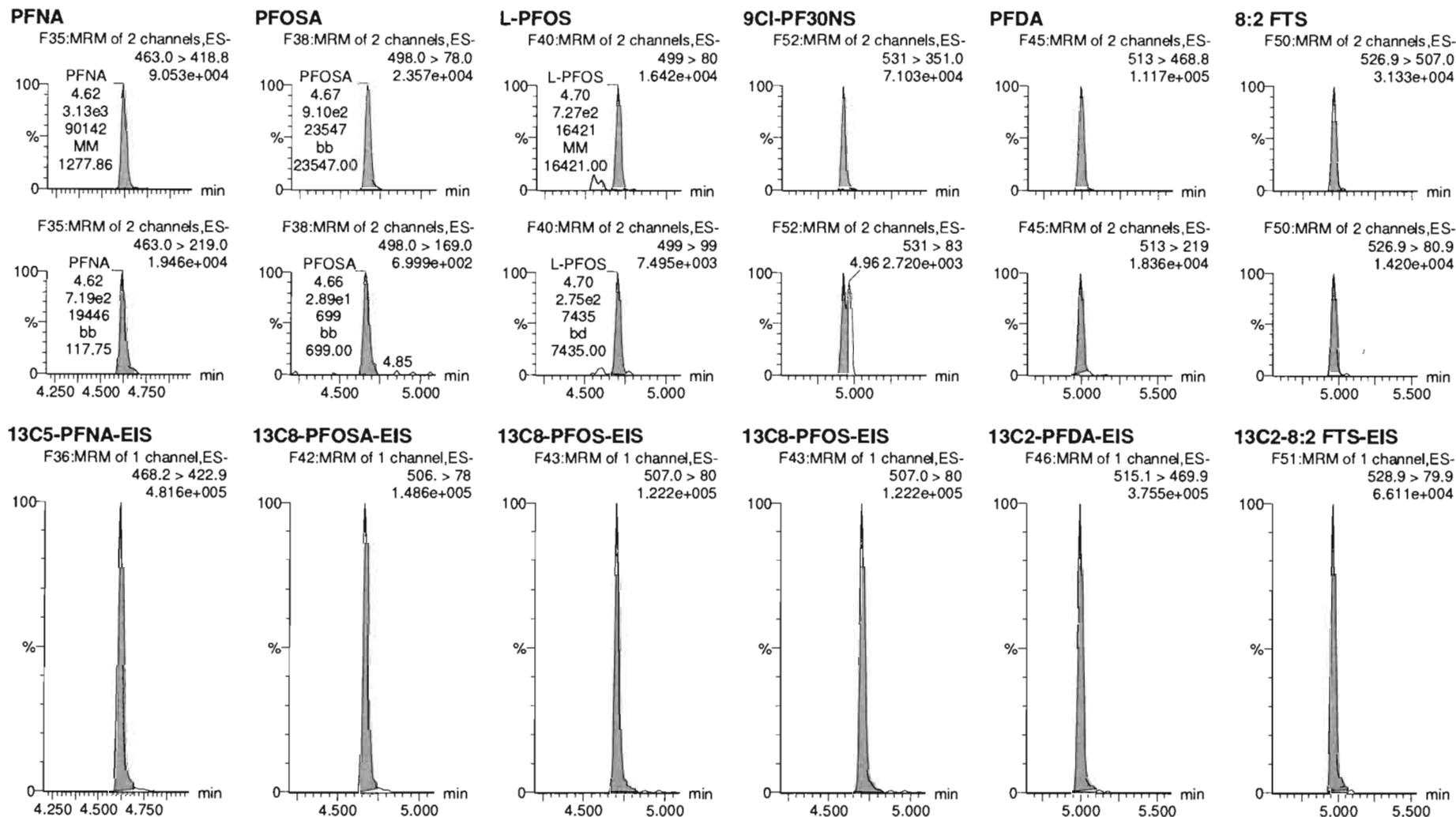


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

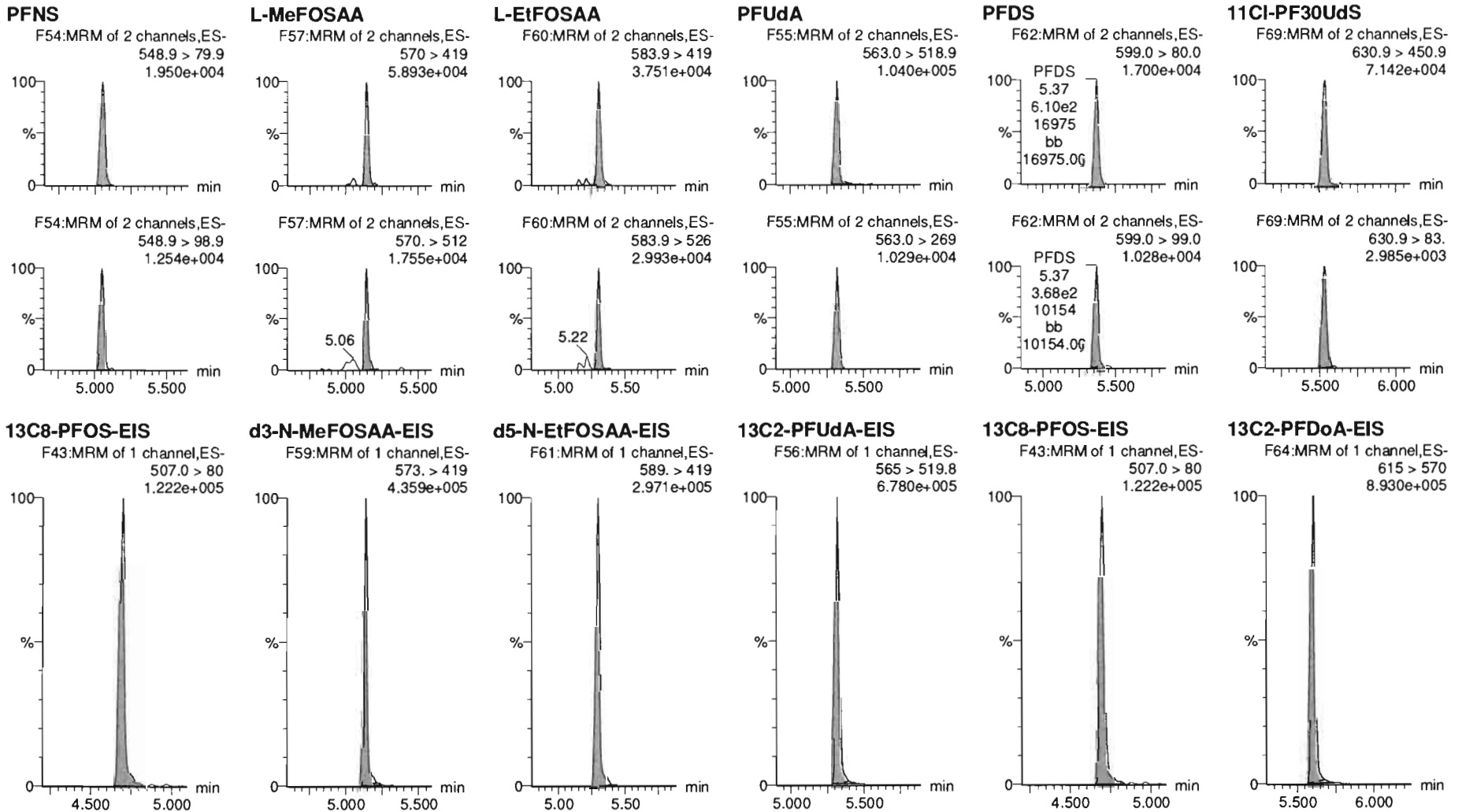
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Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time
Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_6, Date: 15-Jul-2020, Time: 14:09:29, ID: ST200715M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

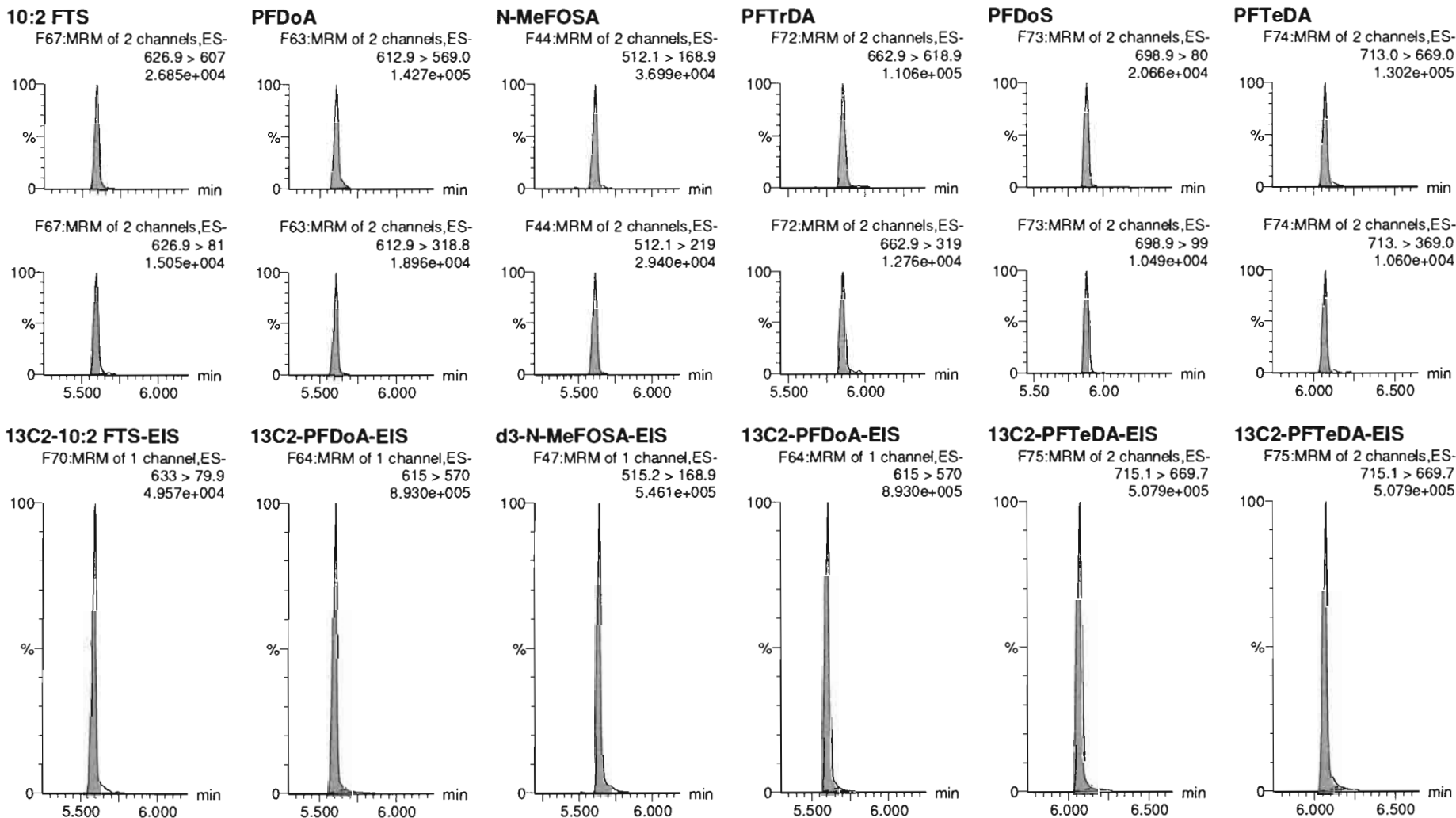


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_6, Date: 15-Jul-2020, Time: 14:09:29, ID: ST200715M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

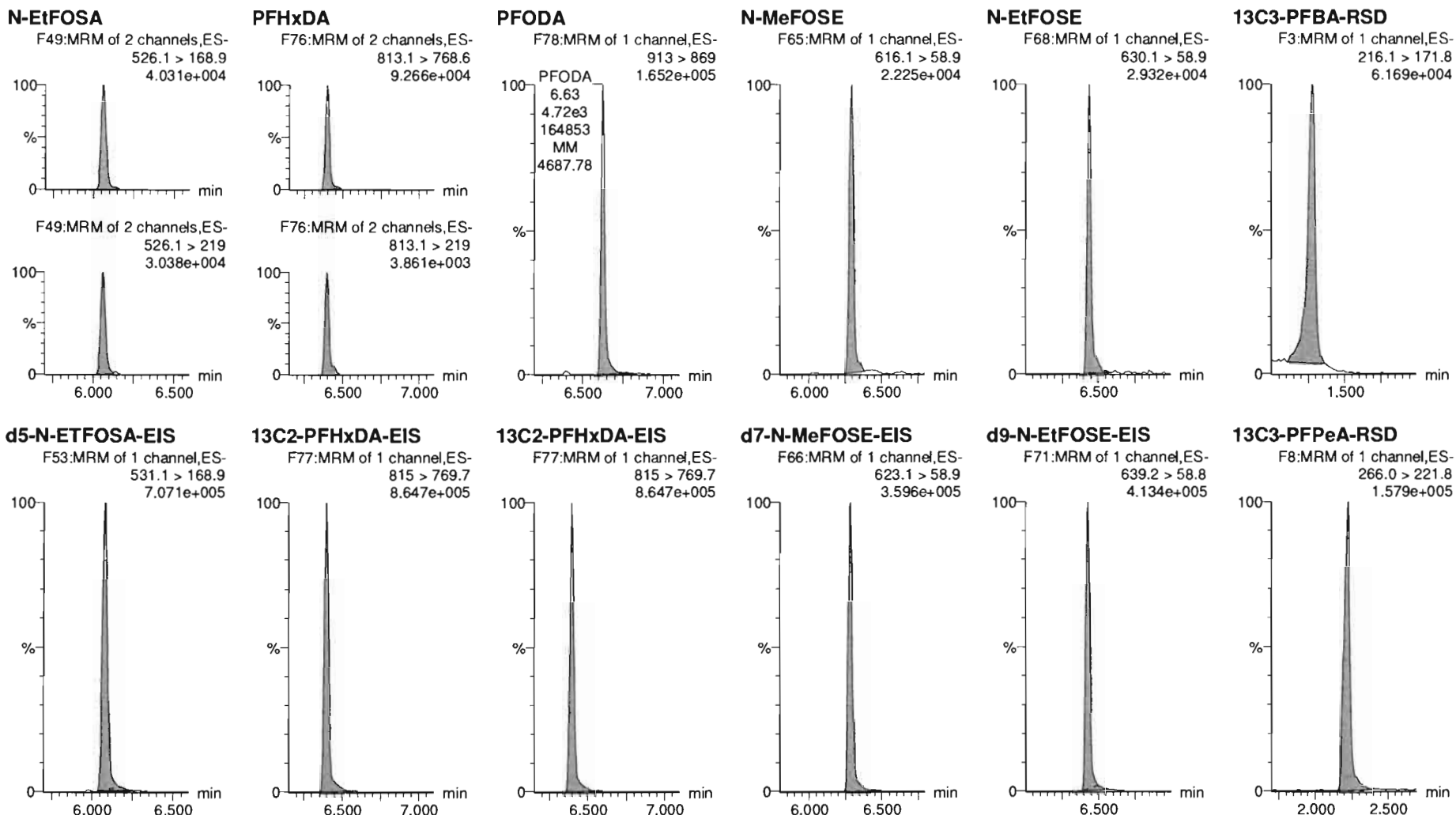


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_6, Date: 15-Jul-2020, Time: 14:09:29, ID: ST200715M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

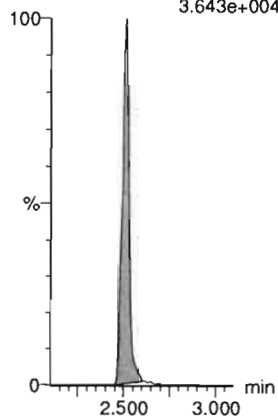
Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_6, Date: 15-Jul-2020, Time: 14:09:29, ID: ST200715M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

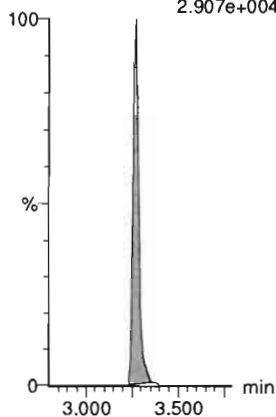
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.643e+004



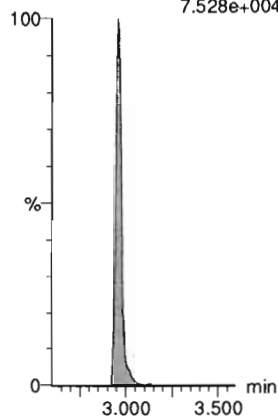
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
2.907e+004



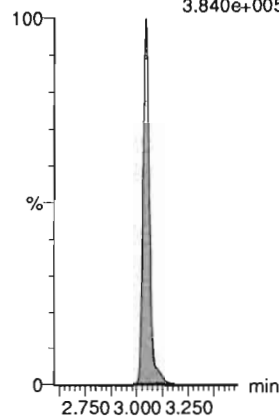
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.528e+004



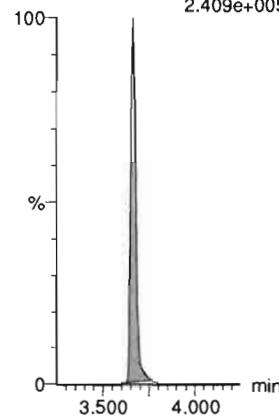
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.840e+005



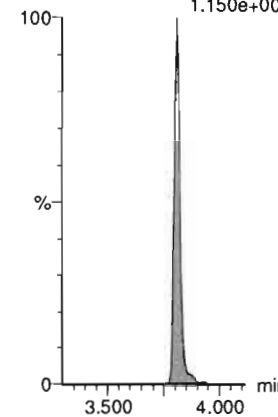
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.409e+005



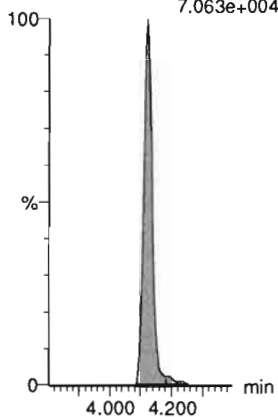
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.150e+005



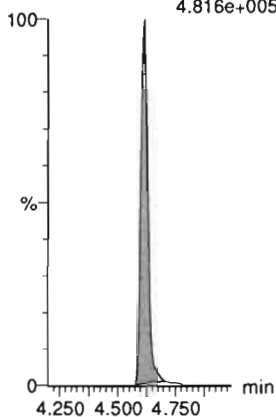
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
7.063e+004



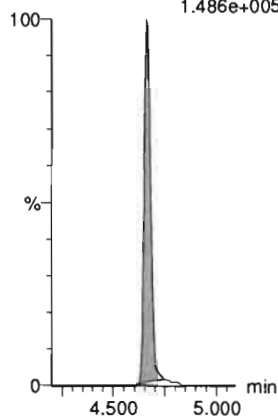
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.816e+005



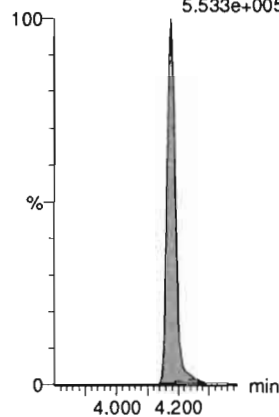
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.486e+005



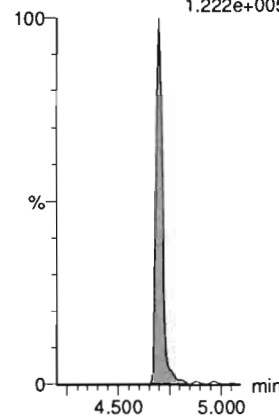
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.533e+005



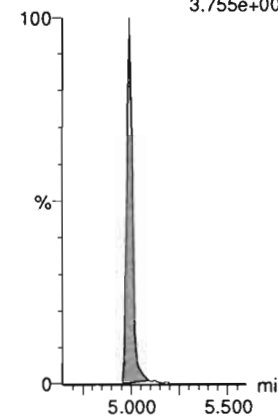
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.222e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
3.755e+005



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

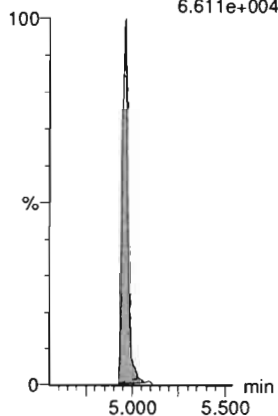
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Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_6, Date: 15-Jul-2020, Time: 14:09:29, ID: ST200715M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

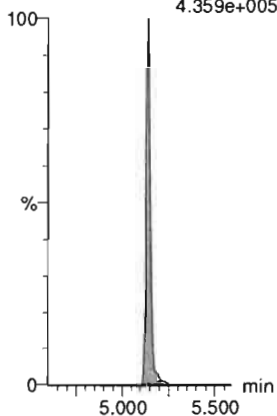
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.611e+004



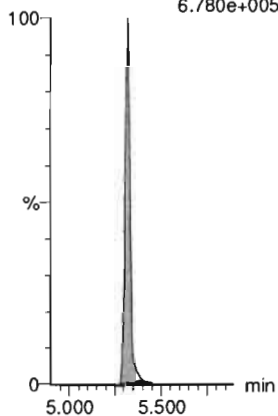
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.359e+005



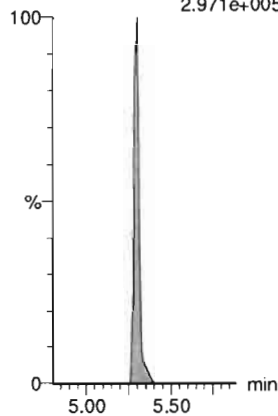
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.780e+005



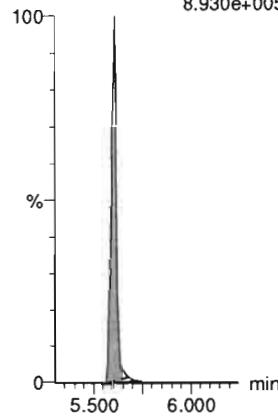
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
2.971e+005



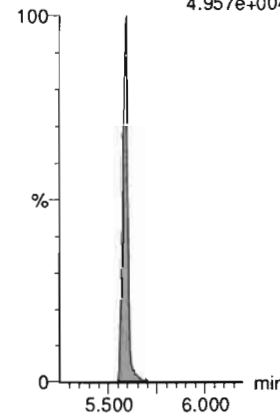
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
8.930e+005



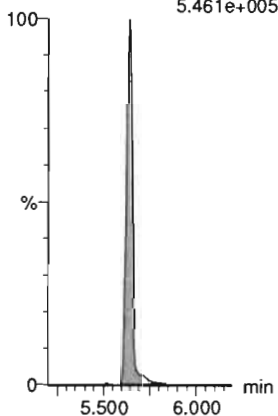
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.957e+004



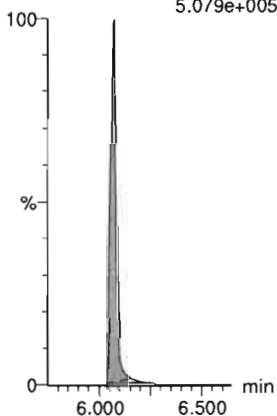
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.461e+005



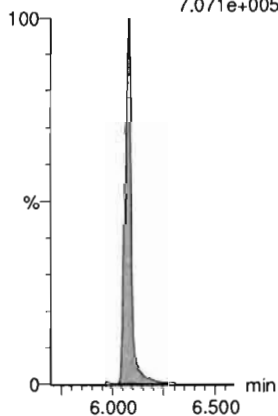
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.079e+005



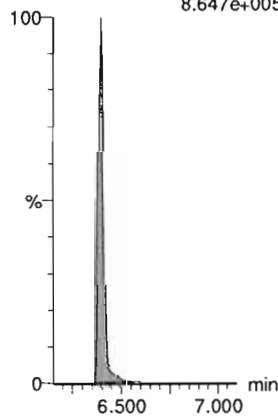
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.071e+005



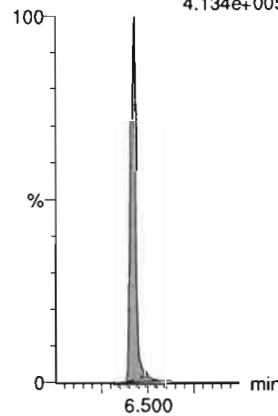
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.647e+005



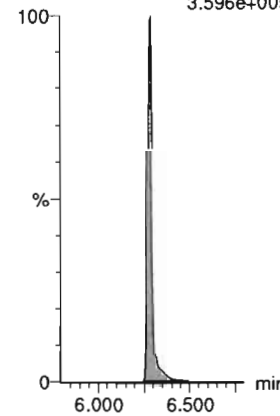
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.134e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.596e+005



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

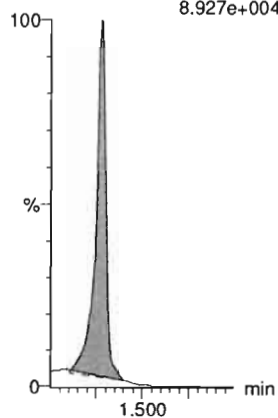
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Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_6, Date: 15-Jul-2020, Time: 14:09:29, ID: ST200715M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

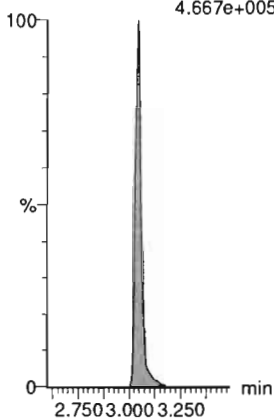
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
8.927e+004



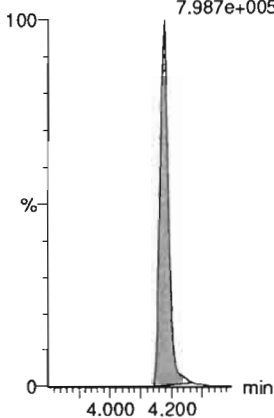
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.667e+005



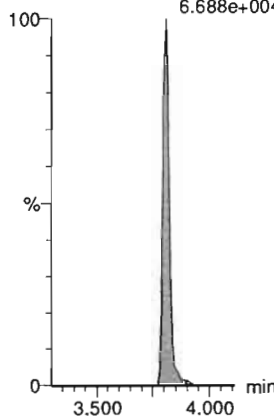
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.987e+005



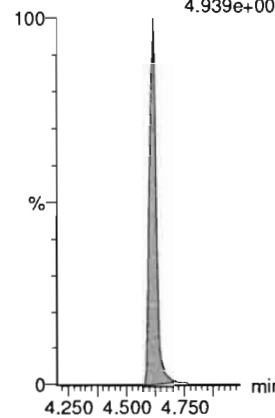
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
6.688e+004



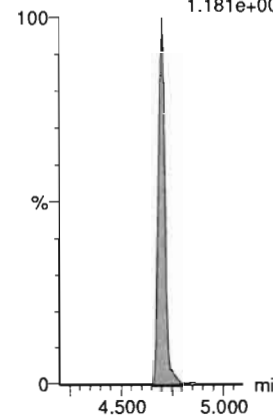
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
4.939e+005



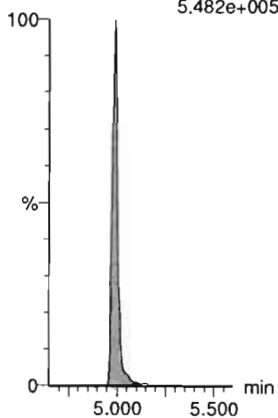
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.181e+005



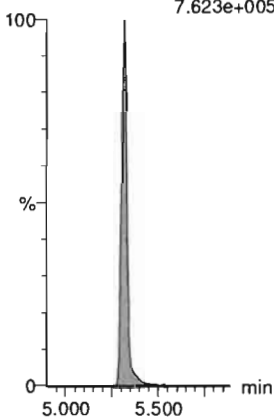
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.482e+005



13C7-PFUdA

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.623e+005

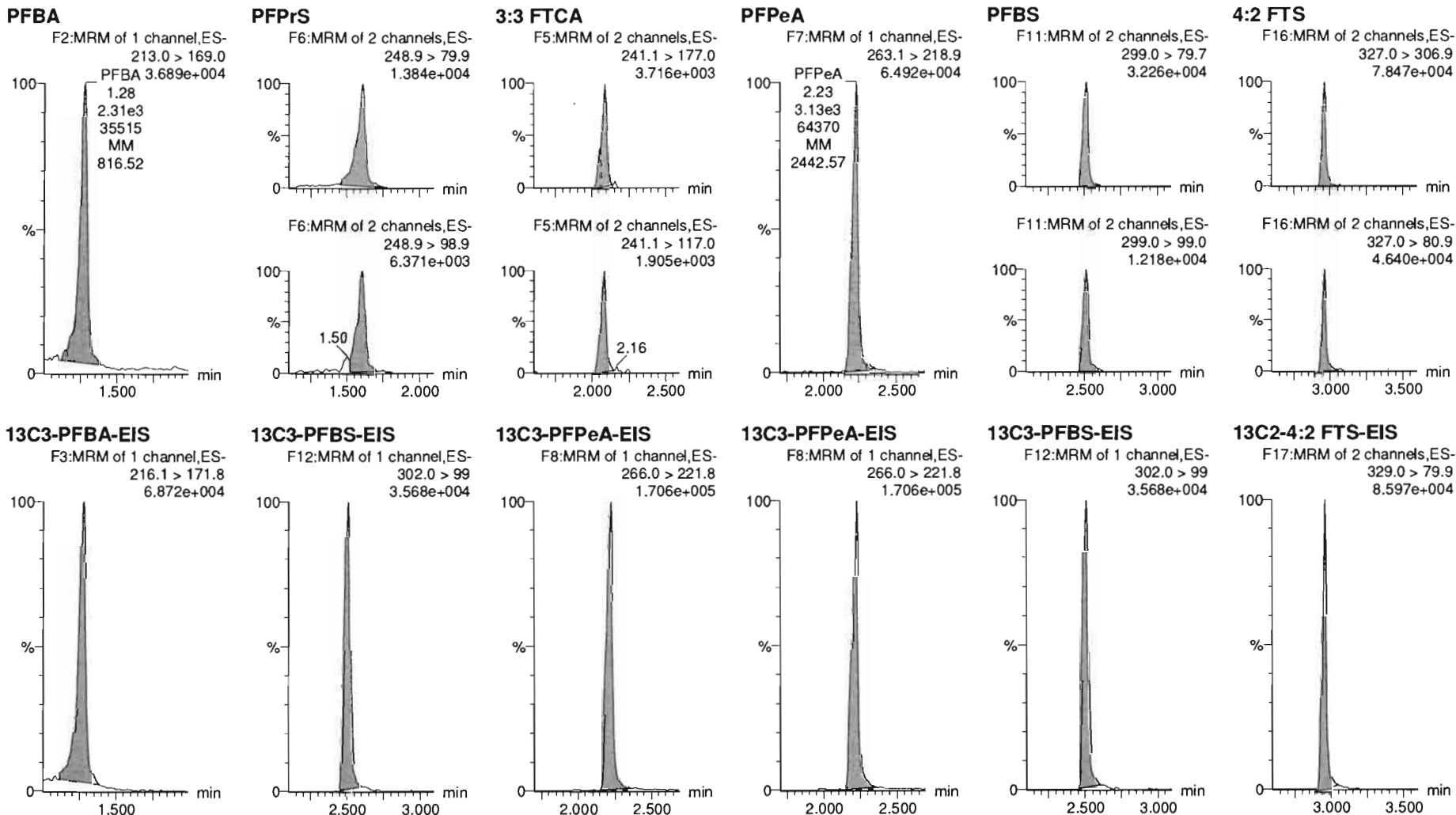


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

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Name: 200715M1_7, Date: 15-Jul-2020, Time: 14:19:52, ID: ST200715M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

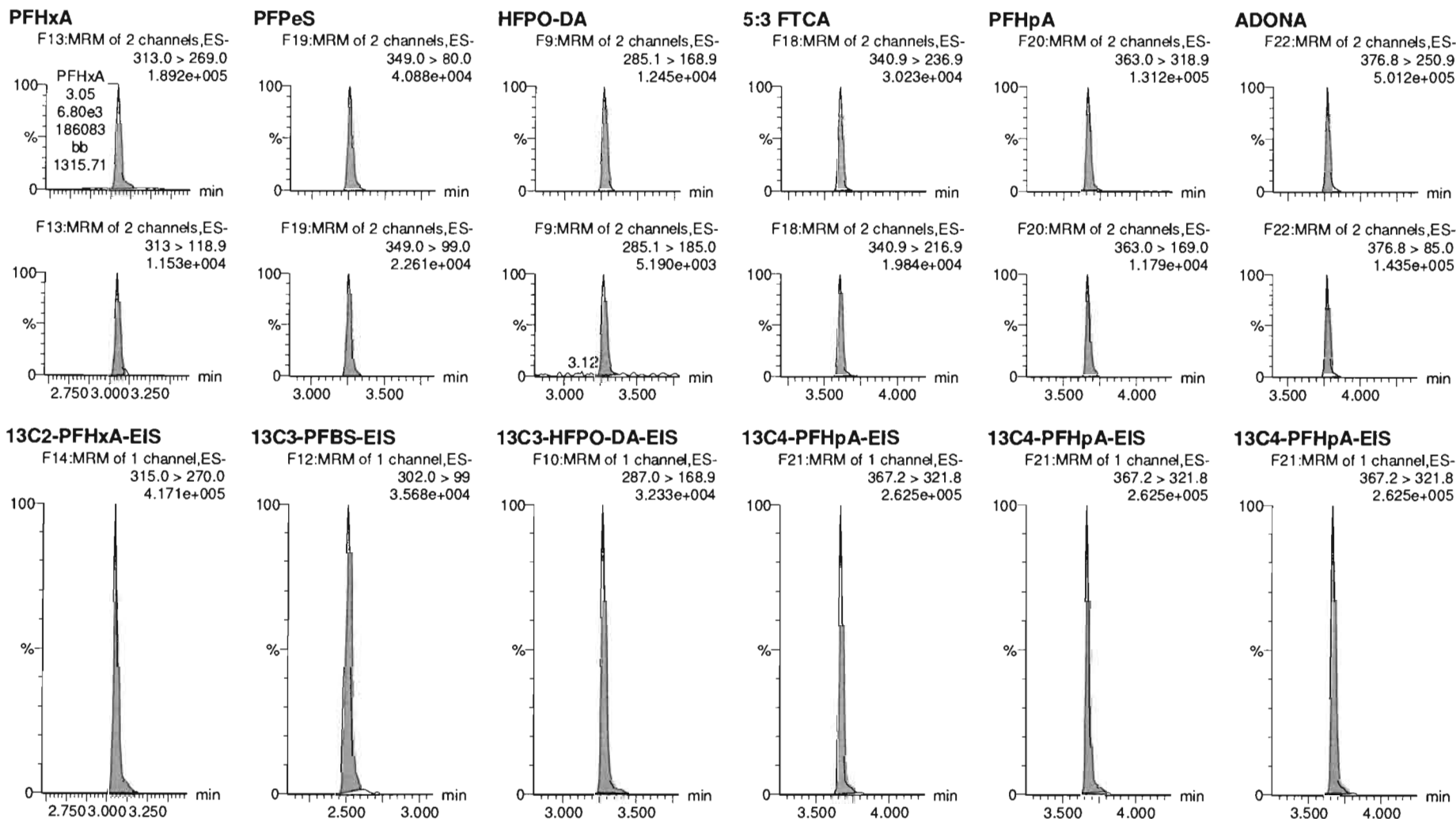


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_7, Date: 15-Jul-2020, Time: 14:19:52, ID: ST200715M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

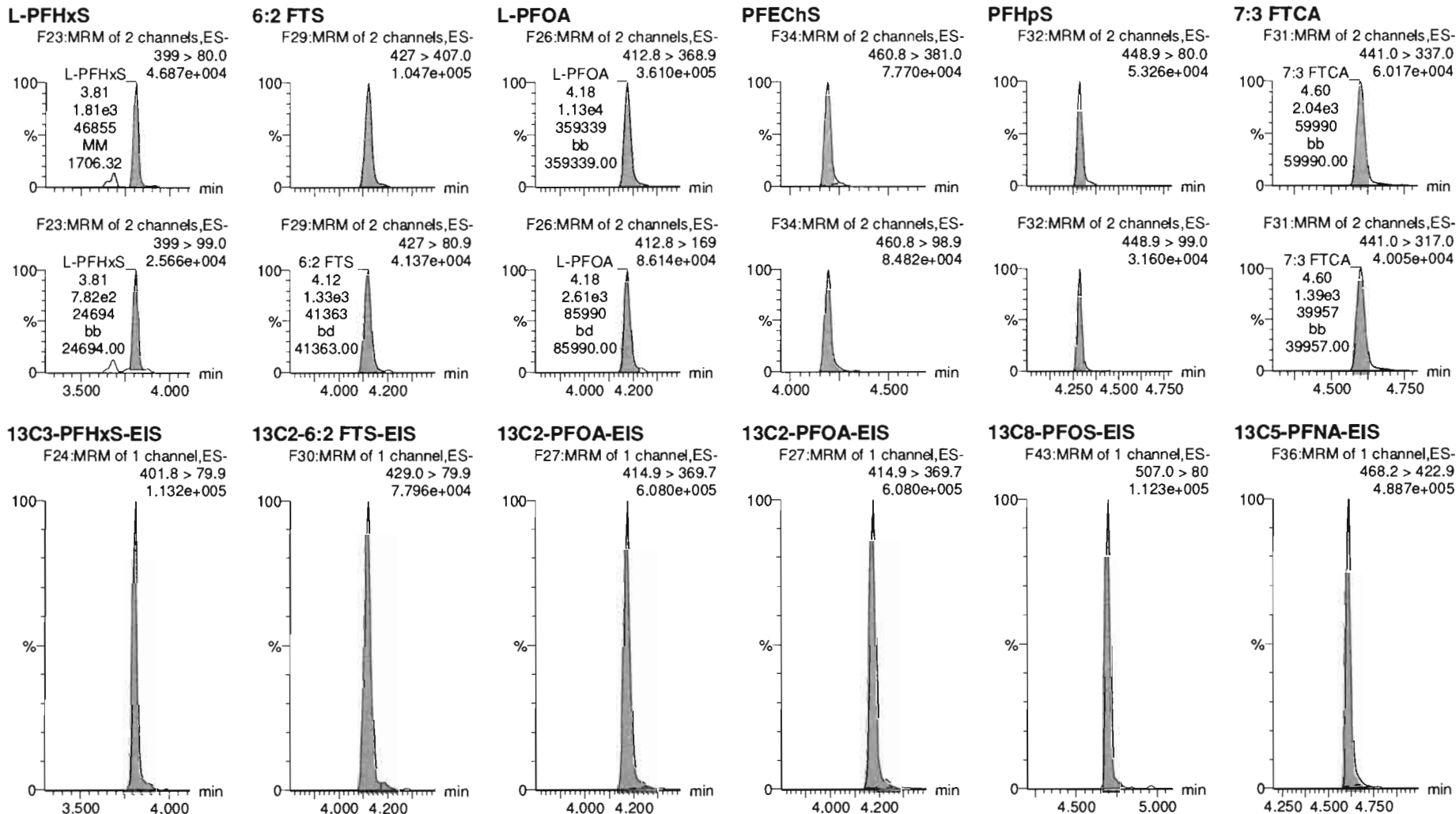


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_7, Date: 15-Jul-2020, Time: 14:19:52, ID: ST200715M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

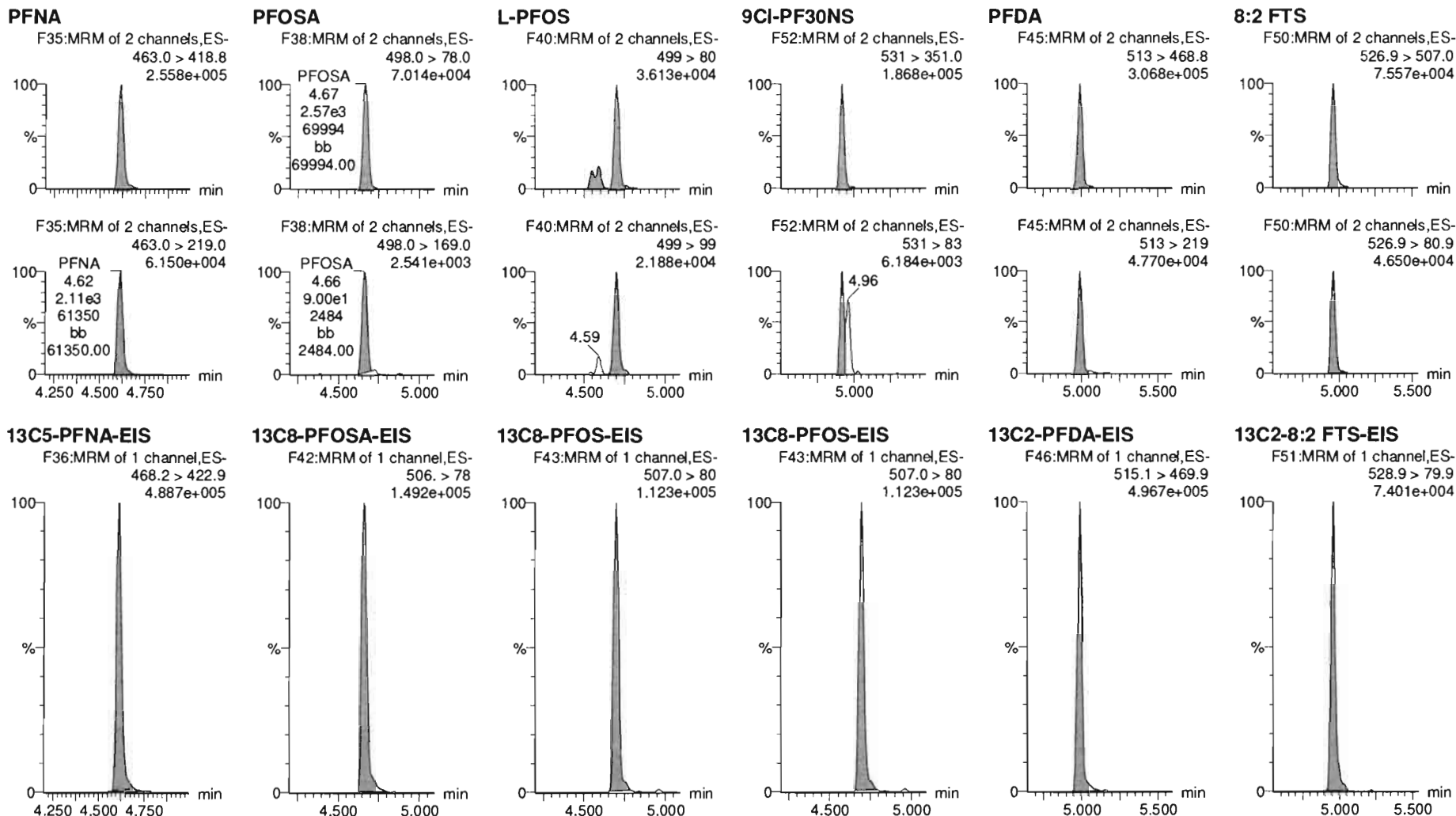


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Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

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Name: 200715M1_7, Date: 15-Jul-2020, Time: 14:19:52, ID: ST200715M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

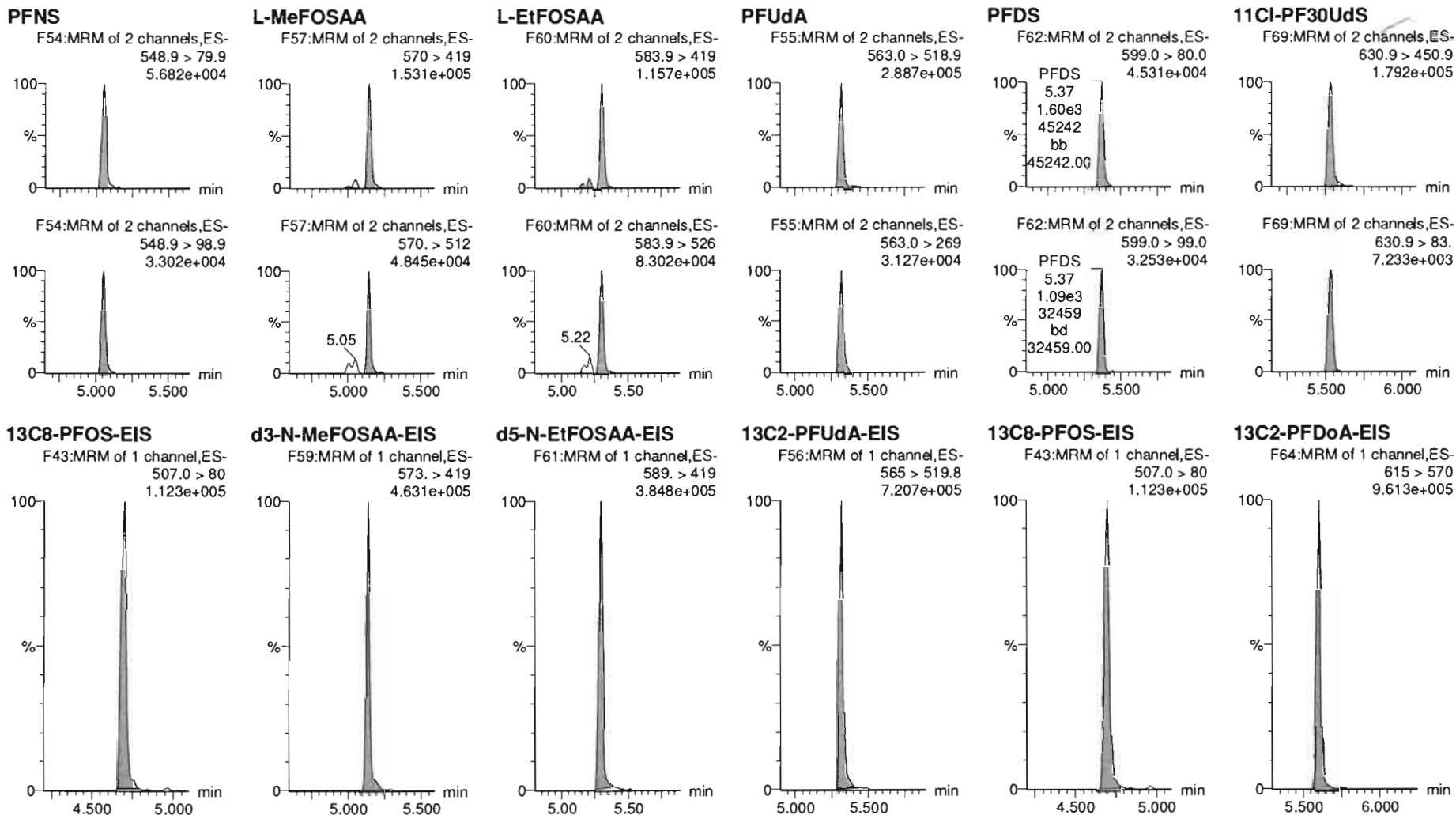


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

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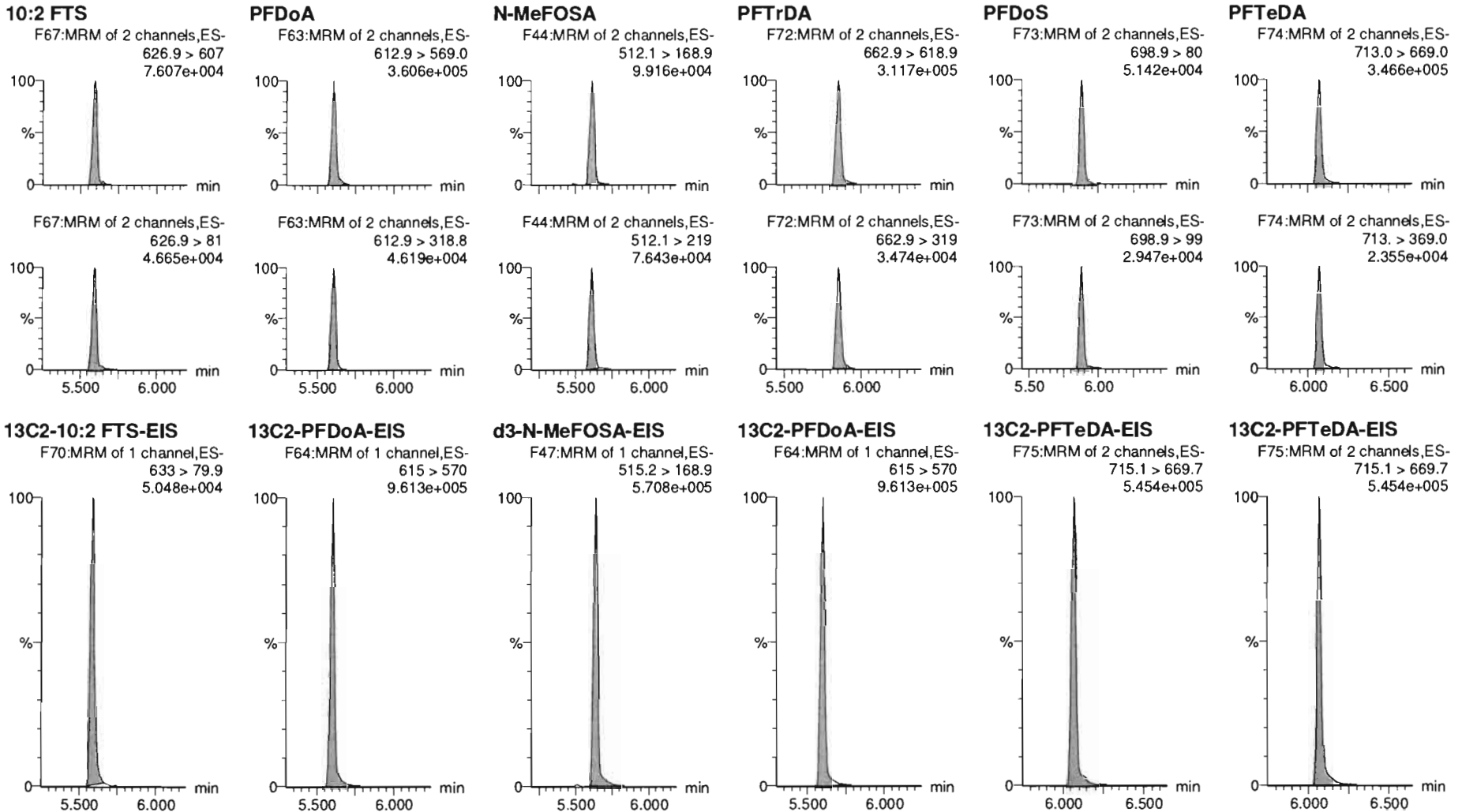
Name: 200715M1_7, Date: 15-Jul-2020, Time: 14:19:52, ID: ST200715M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time
Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

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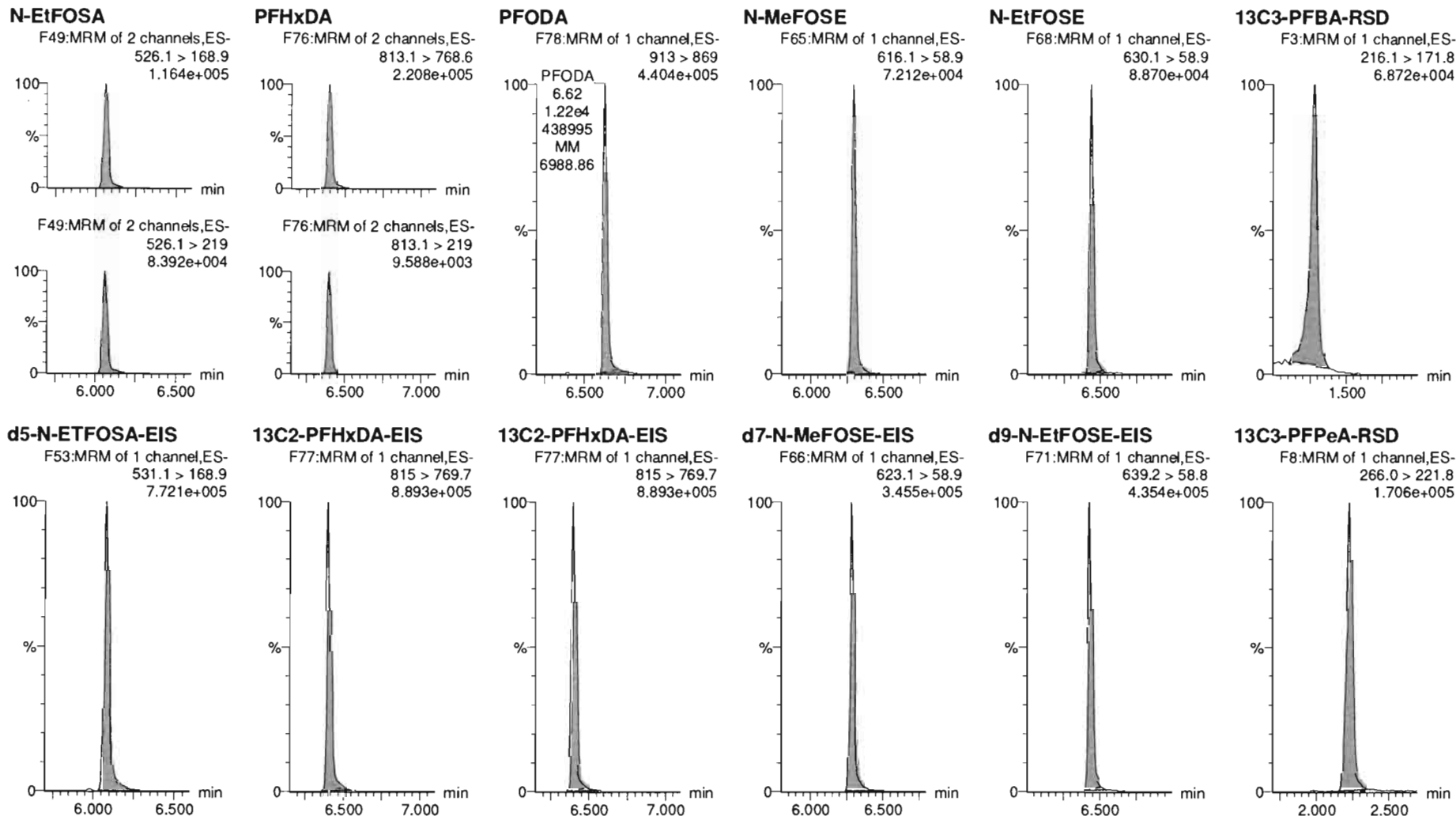


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Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_7, Date: 15-Jul-2020, Time: 14:19:52, ID: ST200715M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

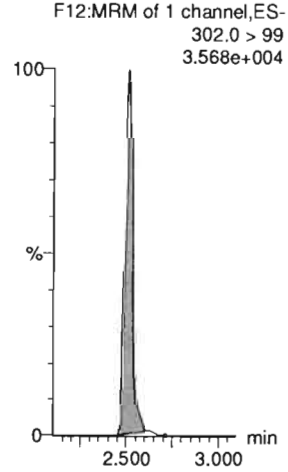


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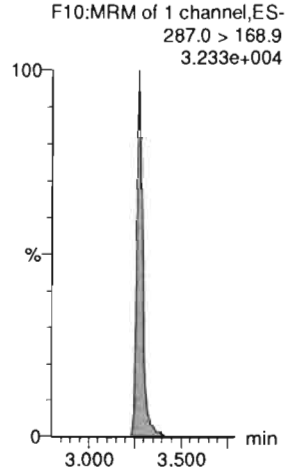
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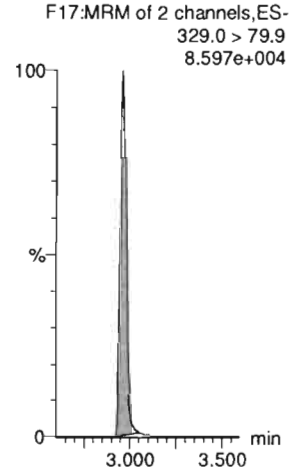
13C3-PFBS-RSD



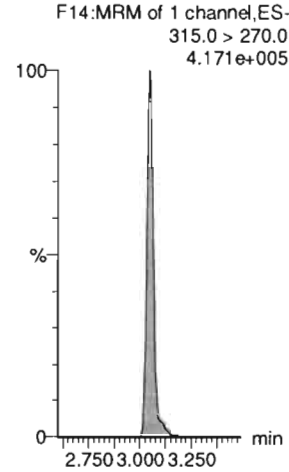
13C3-HFPO-DA-RSD



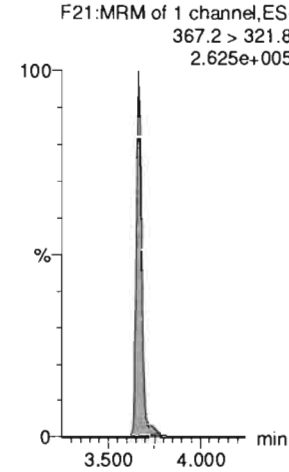
13C2-4:2 FTS-RSD



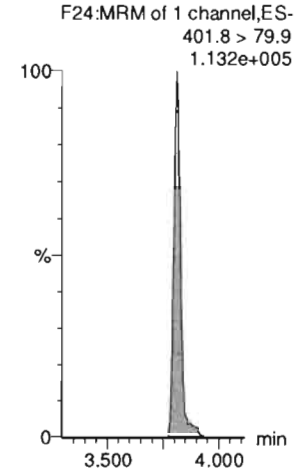
13C2-PFHxA-RSD



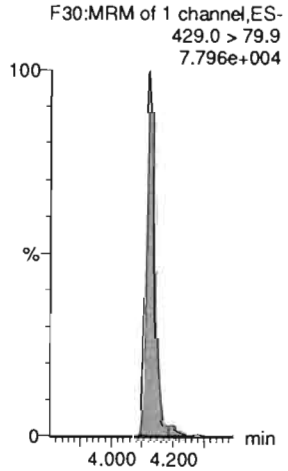
13C4-PFHpA-RSD



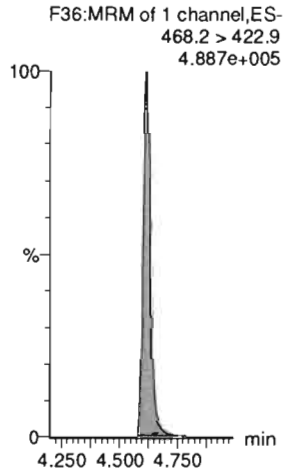
13C3-PFHxS-RSD



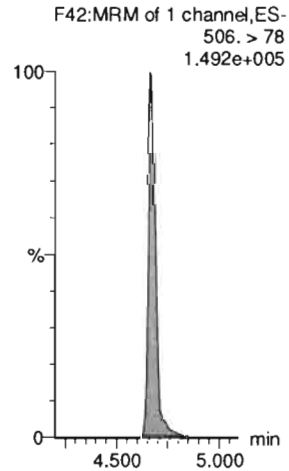
13C2-6:2 FTS-RSD



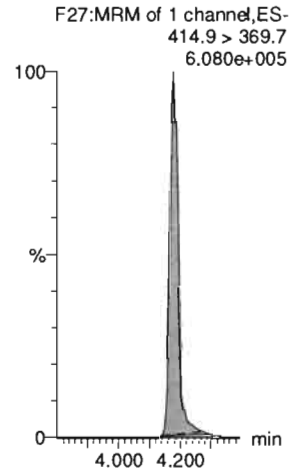
13C5-PFNA-RSD



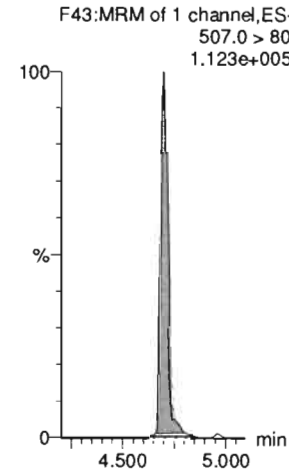
13C8-PFOA-RSD



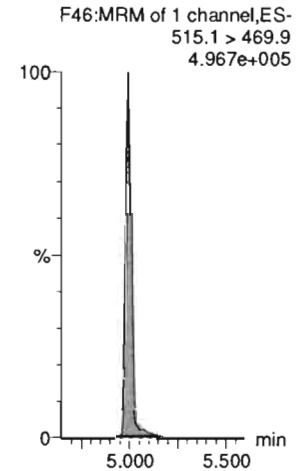
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

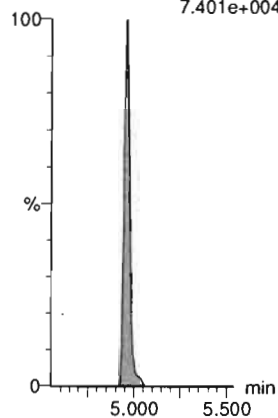
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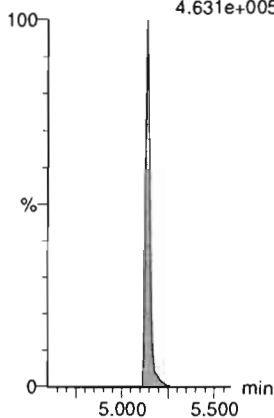
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
7.401e+004



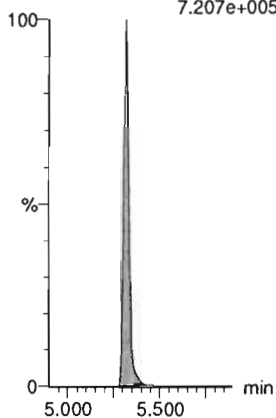
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.631e+005



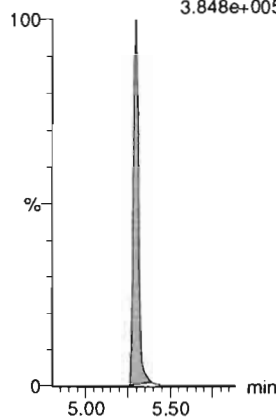
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
7.207e+005



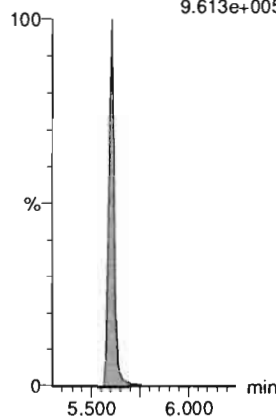
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.848e+005



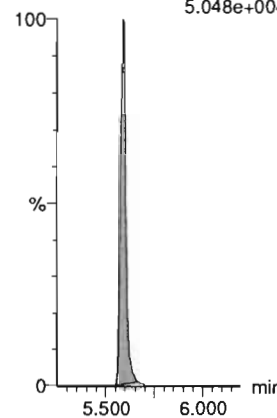
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
9.613e+005



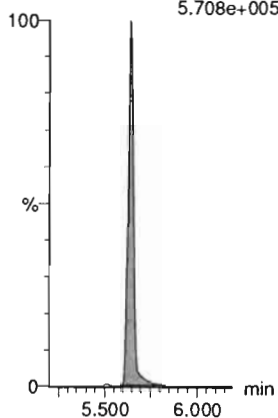
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.048e+004



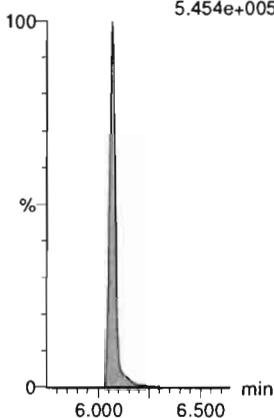
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.708e+005



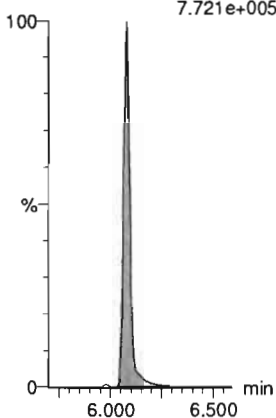
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.454e+005



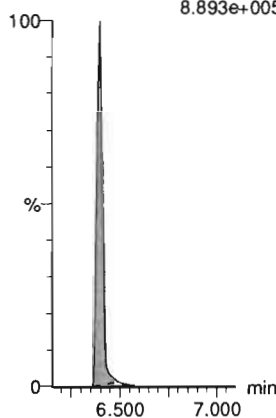
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.721e+005



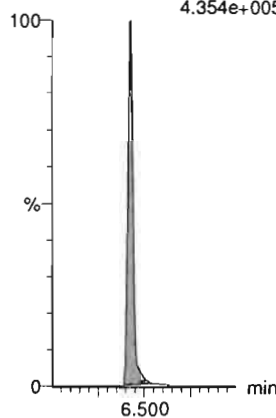
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.893e+005



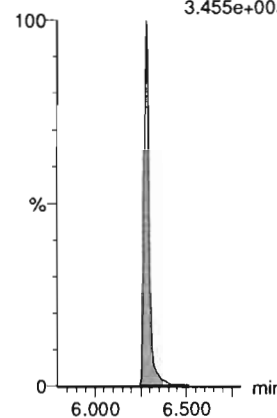
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.354e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.455e+005



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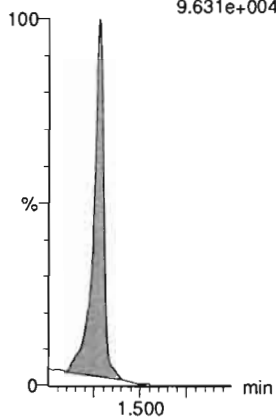
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Name: 200715M1_7, Date: 15-Jul-2020, Time: 14:19:52, ID: ST200715M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

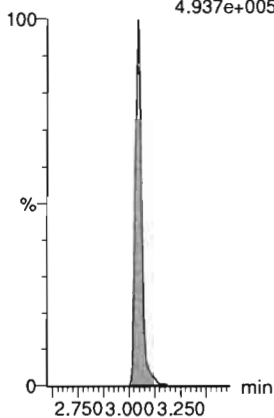
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
9.631e+004



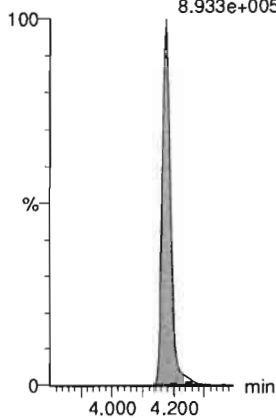
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.937e+005



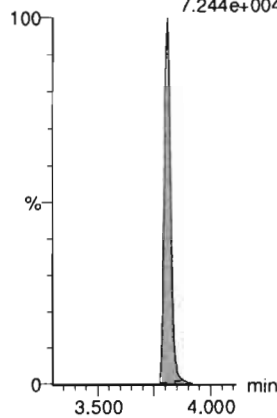
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
8.933e+005



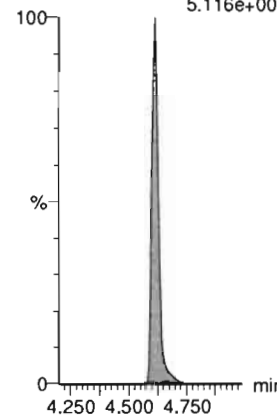
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
7.244e+004



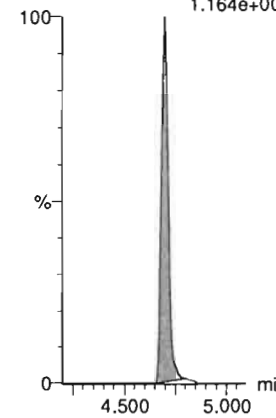
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
5.116e+005



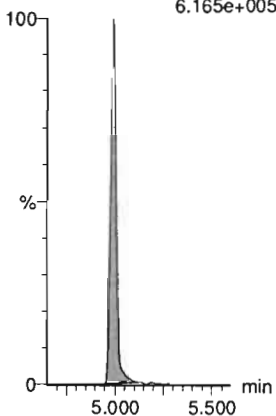
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.164e+005



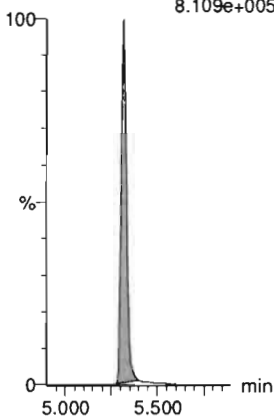
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
6.165e+005



13C7-PFUDA

F58:MRM of 1 channel,ES-
570.1 > 524.8
8.109e+005

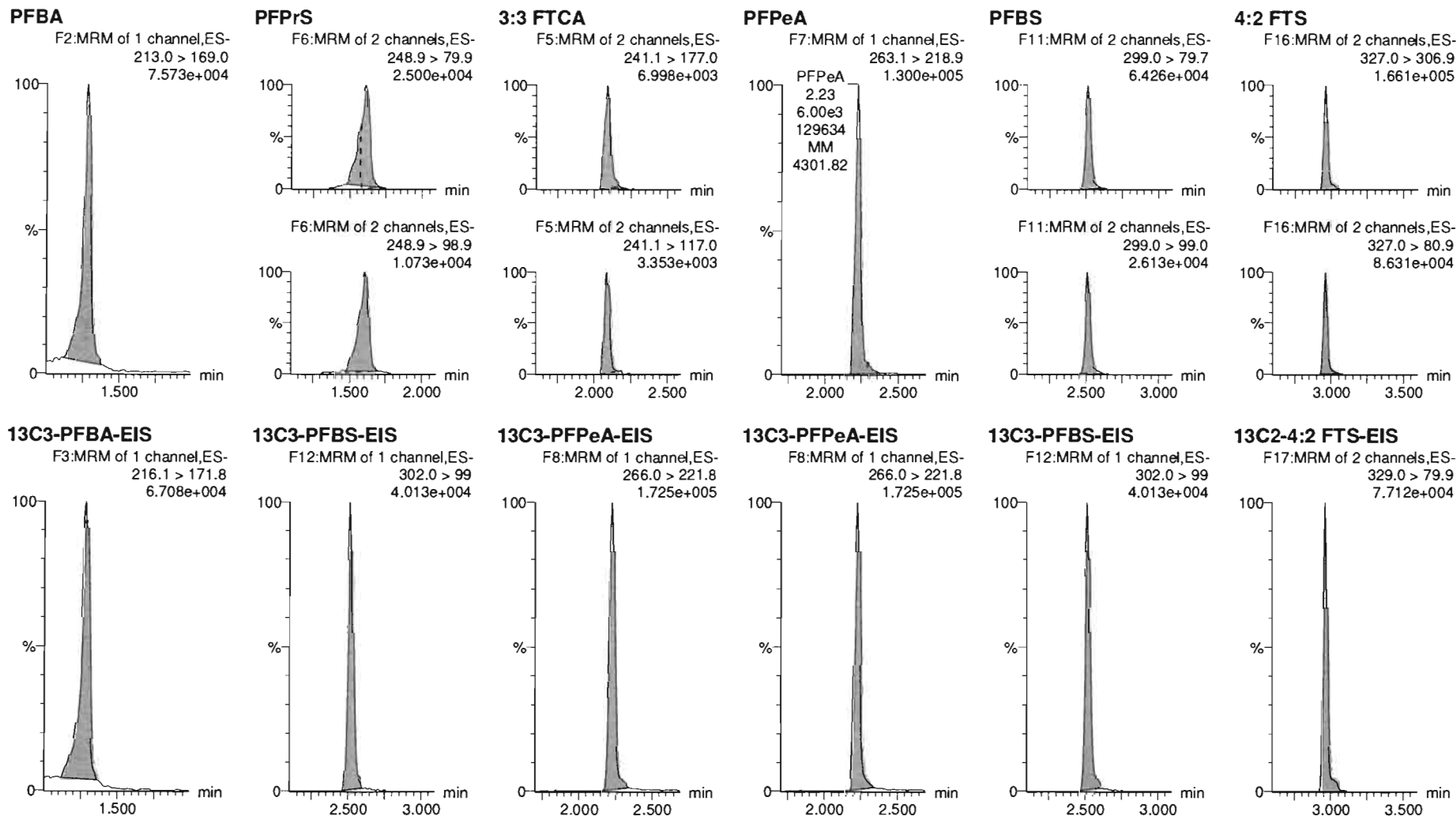


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Name: 200715M1_8, Date: 15-Jul-2020, Time: 14:30:14, ID: ST200715M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

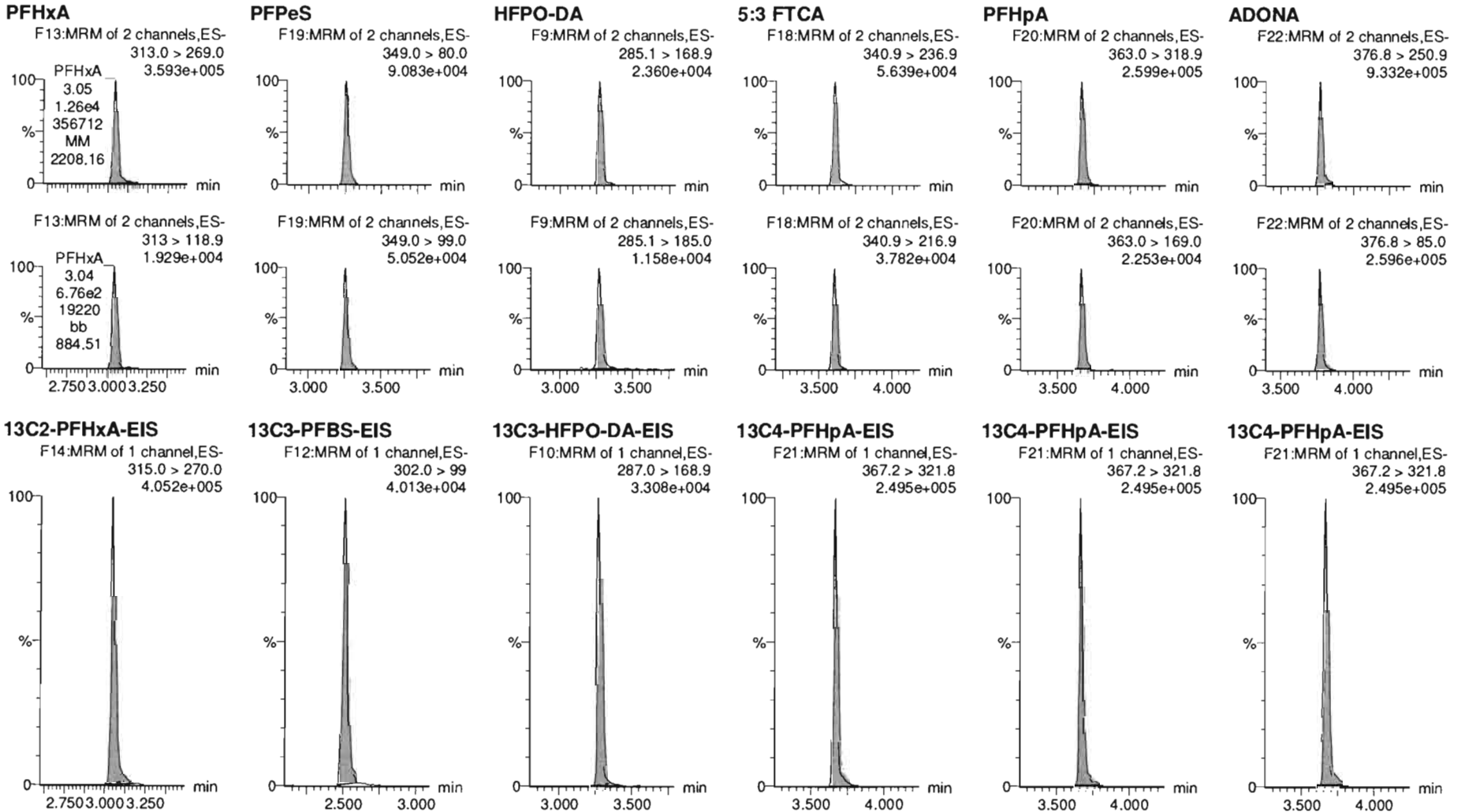


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Name: 200715M1_8, Date: 15-Jul-2020, Time: 14:30:14, ID: ST200715M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

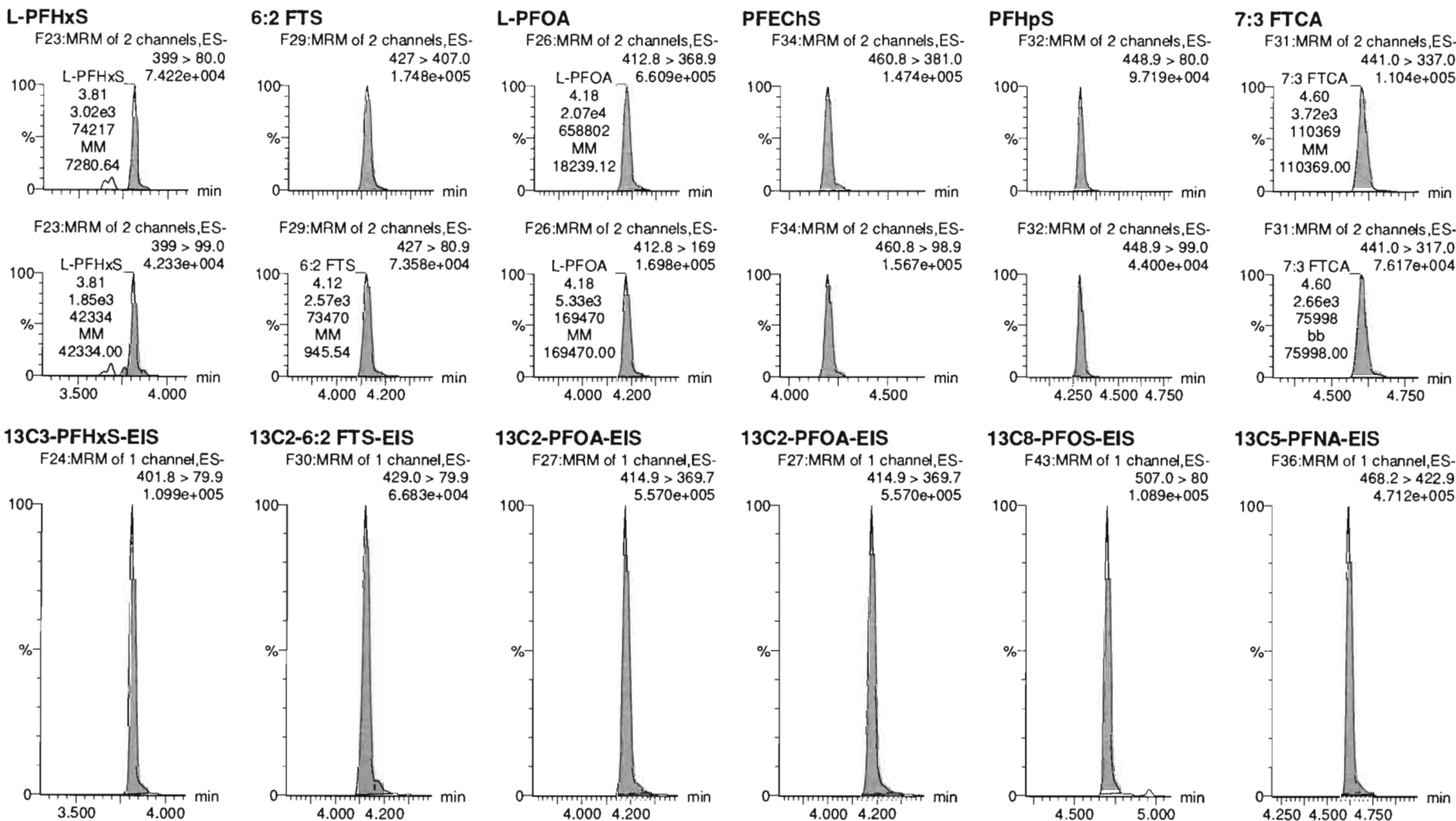


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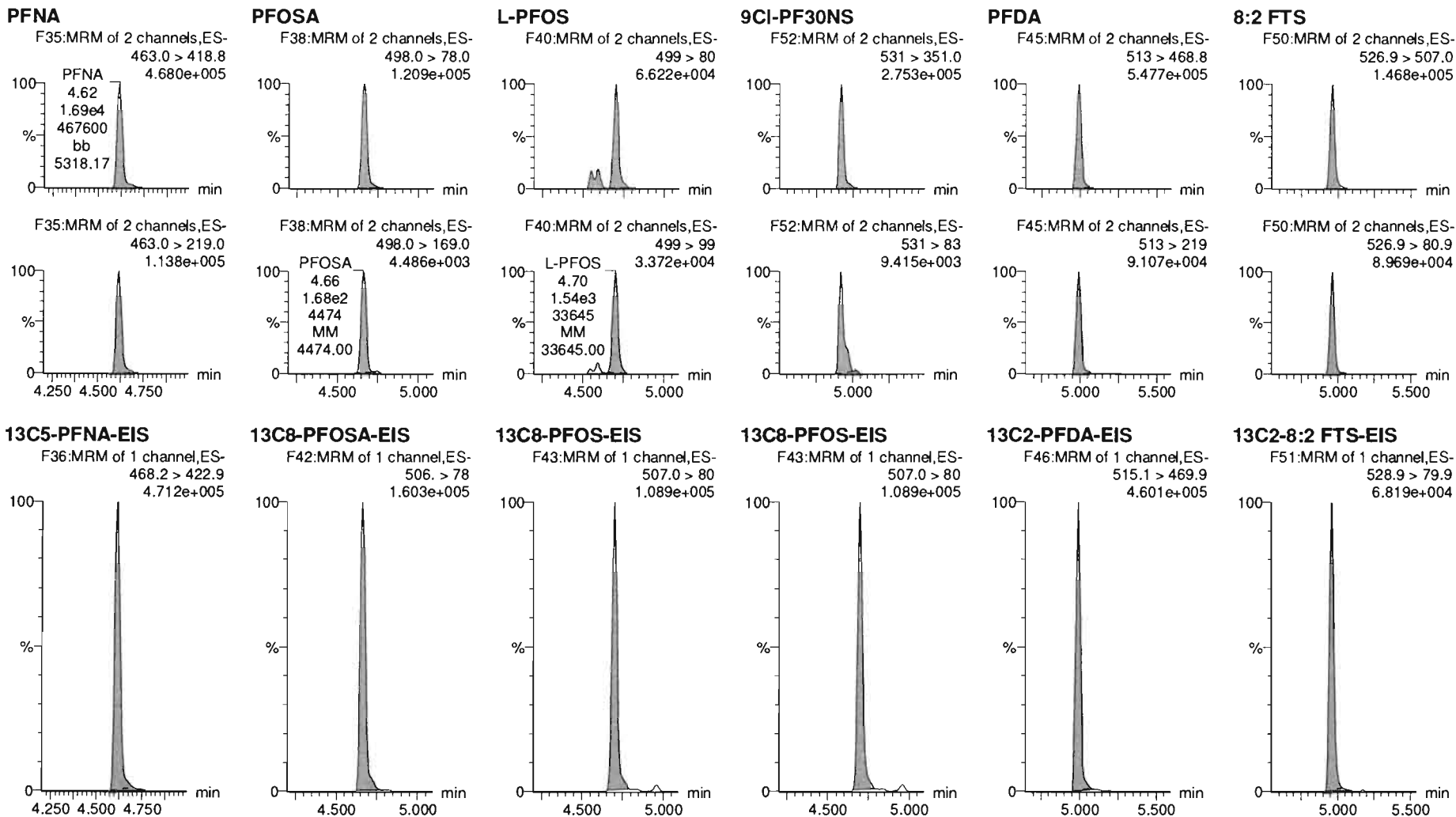
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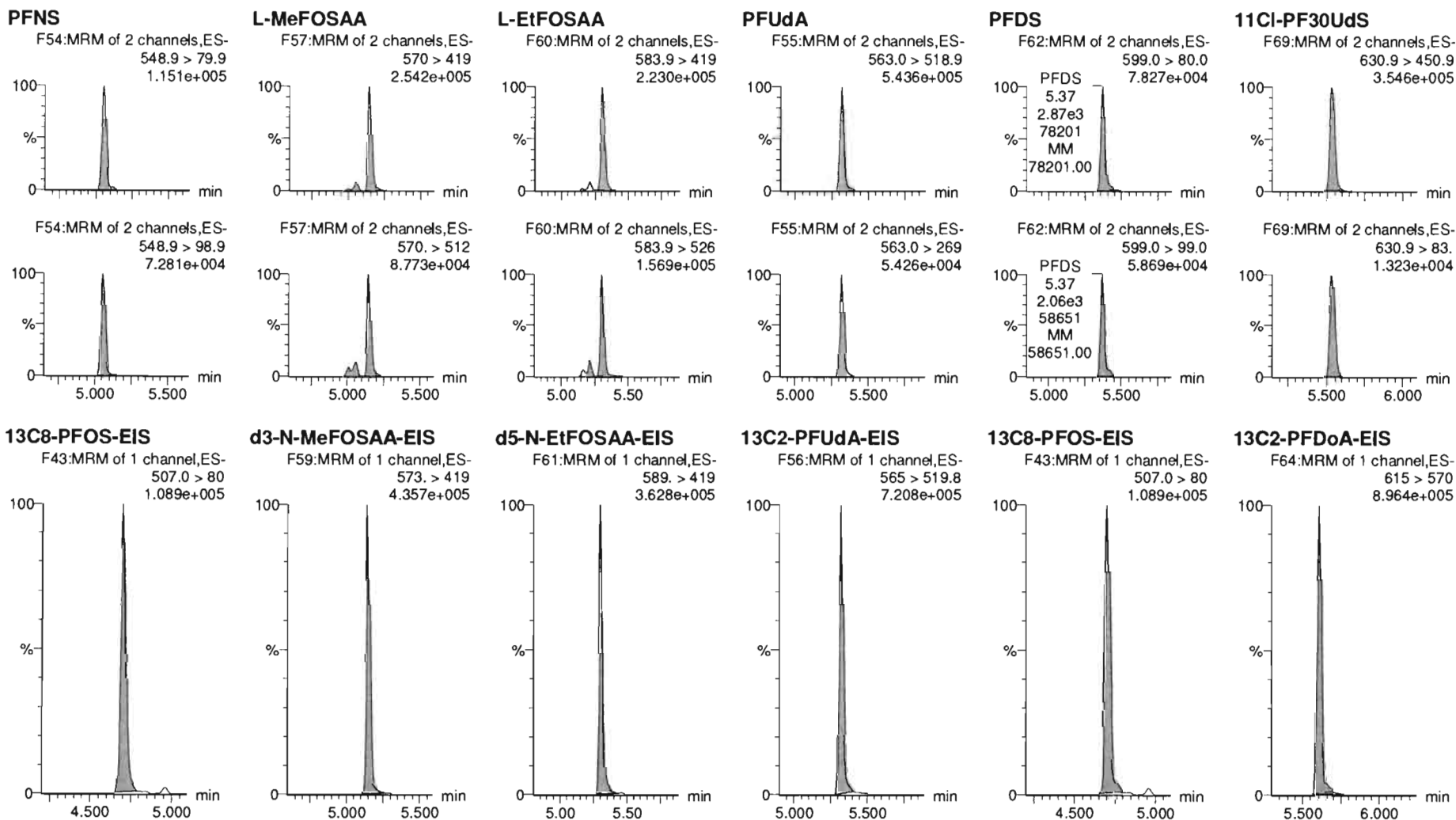


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Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

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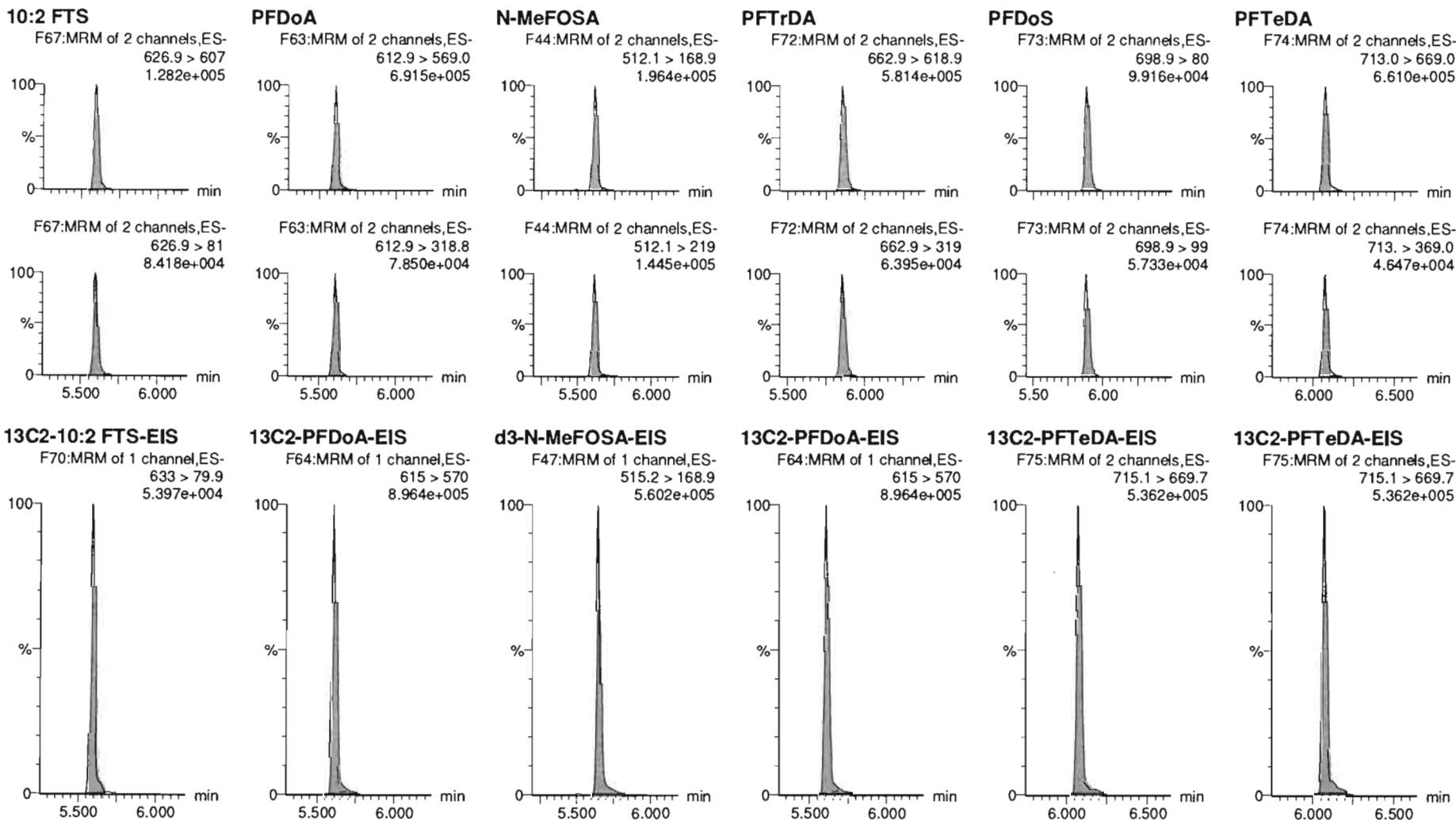


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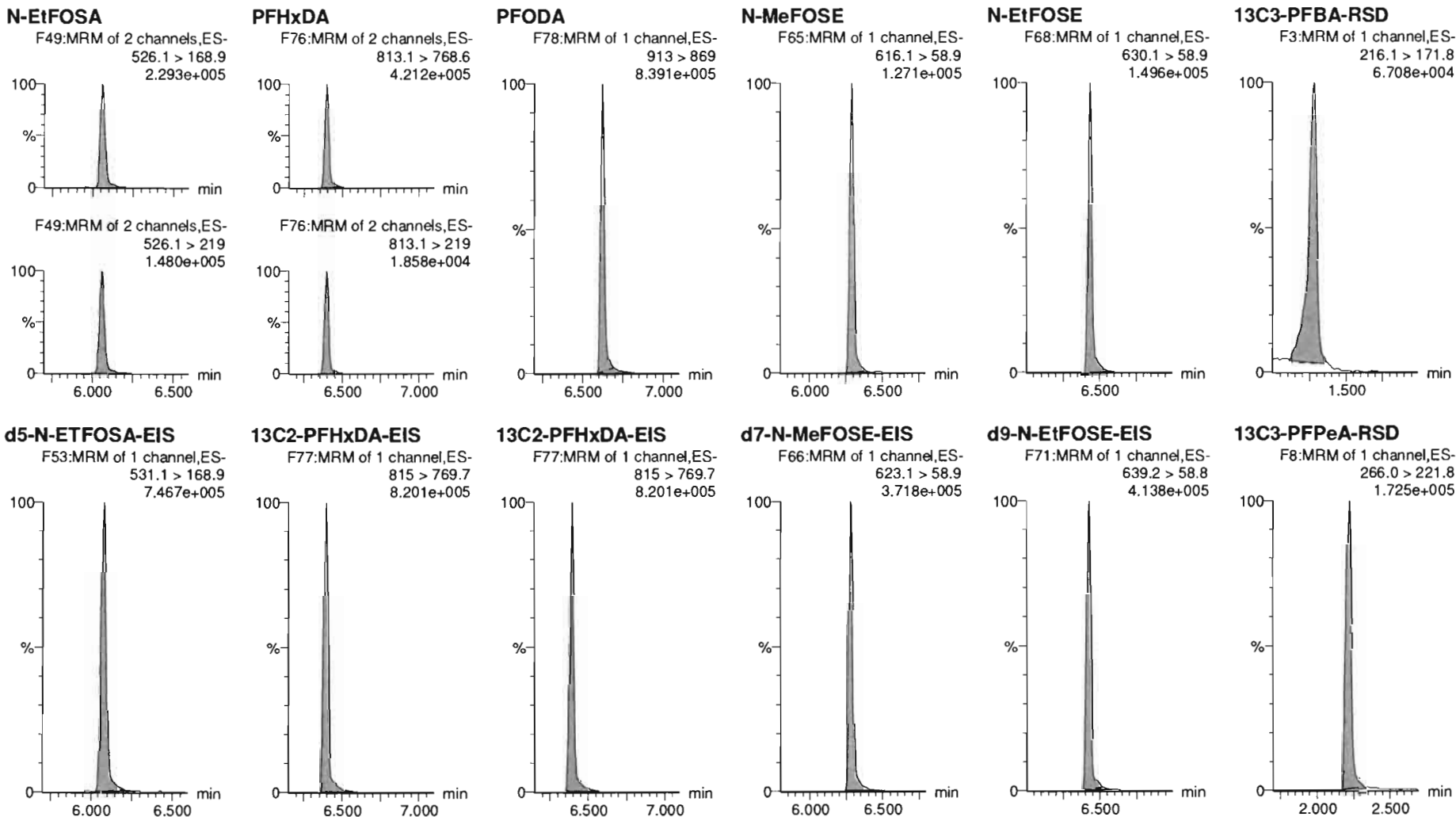


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Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_8, Date: 15-Jul-2020, Time: 14:30:14, ID: ST200715M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

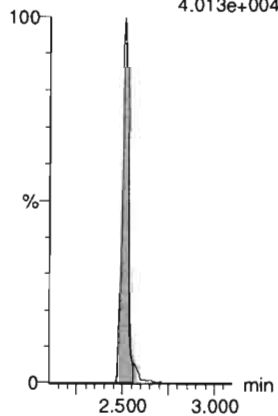
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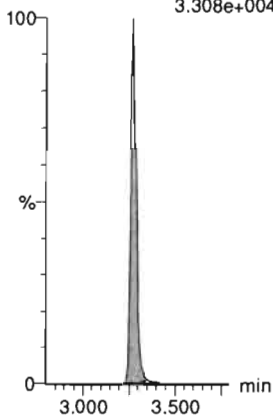
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
4.013e+004



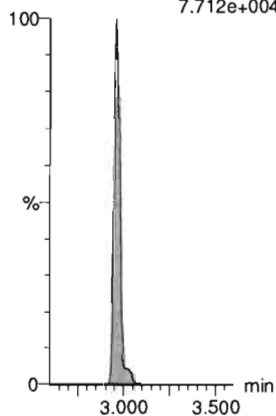
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.308e+004



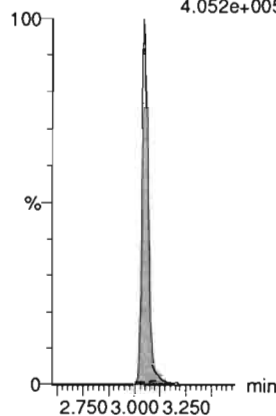
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.712e+004



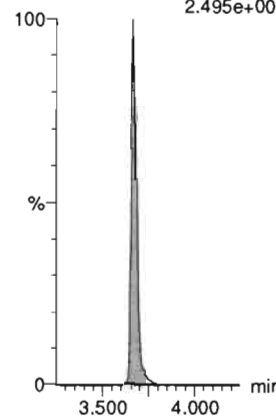
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
4.052e+005



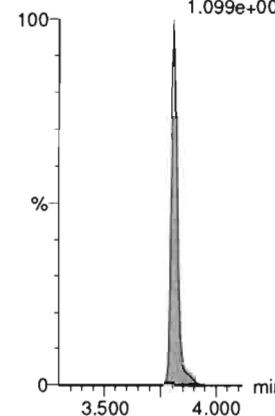
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.495e+005



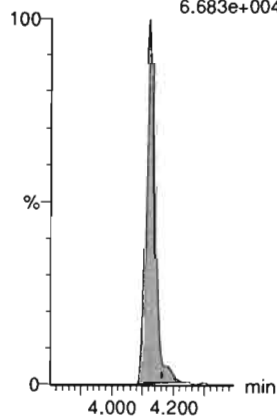
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.099e+005



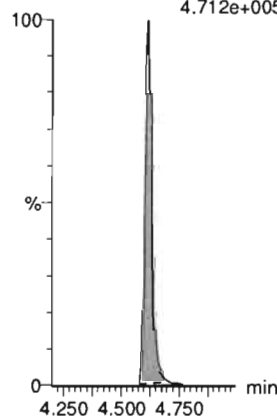
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
6.683e+004



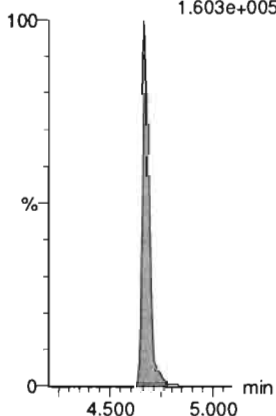
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.712e+005



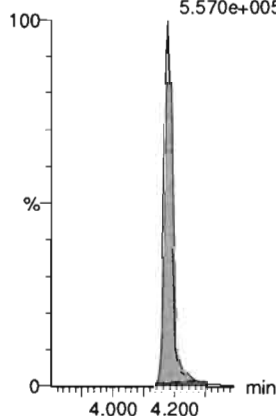
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.603e+005



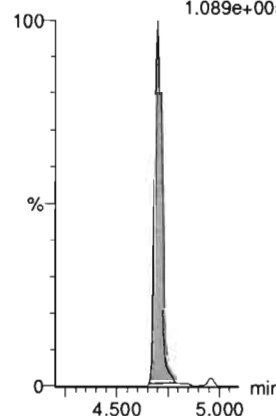
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.570e+005



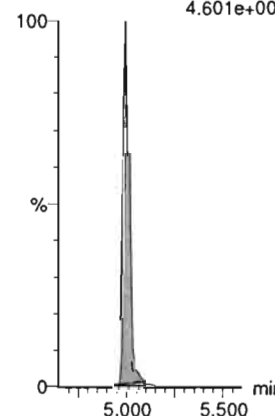
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.089e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.601e+005



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

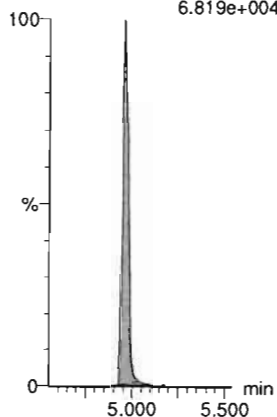
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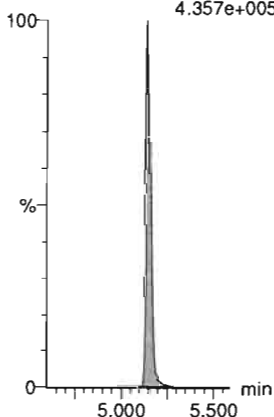
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.819e+004



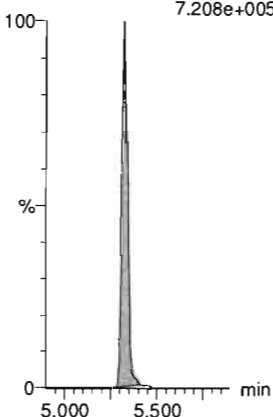
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.357e+005



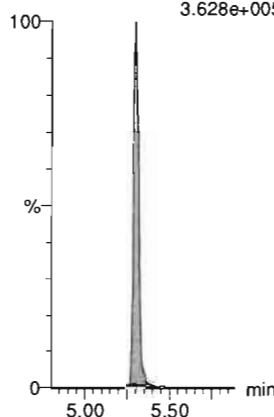
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
7.208e+005



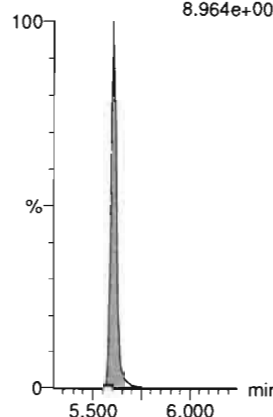
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.628e+005



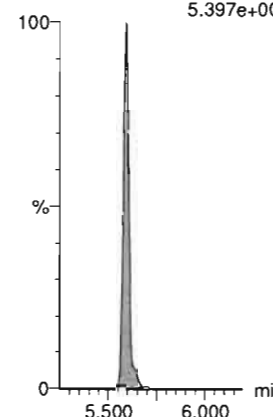
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
8.964e+005



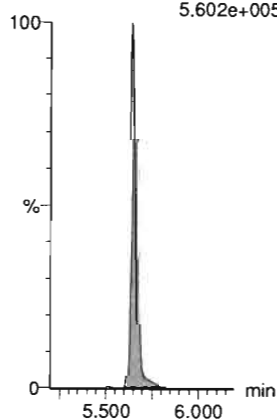
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.397e+004



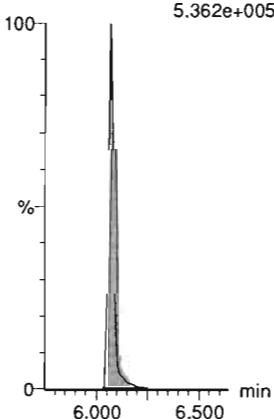
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.602e+005



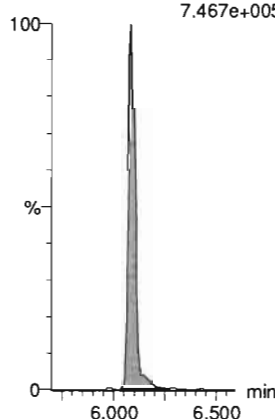
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.362e+005



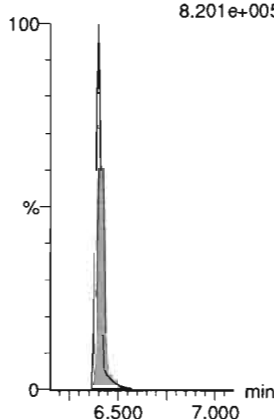
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.467e+005



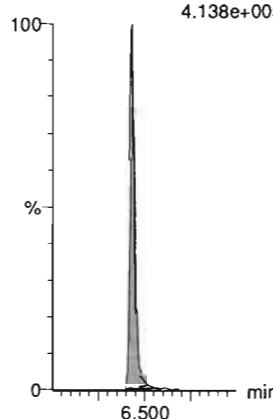
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.201e+005



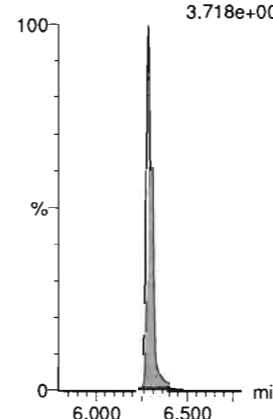
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.138e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.718e+005



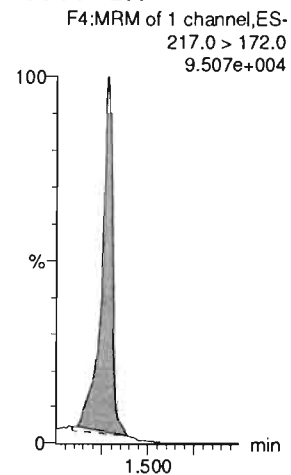
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Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

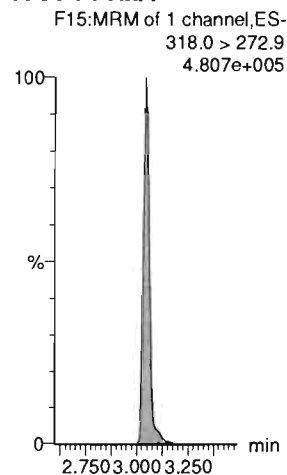
Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_8, Date: 15-Jul-2020, Time: 14:30:14, ID: ST200715M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

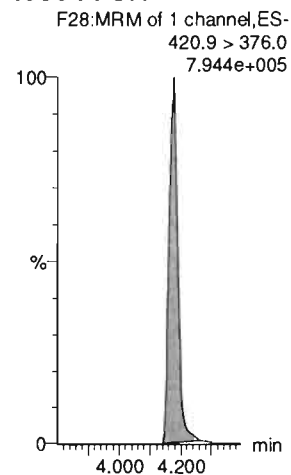
13C4-PFBA



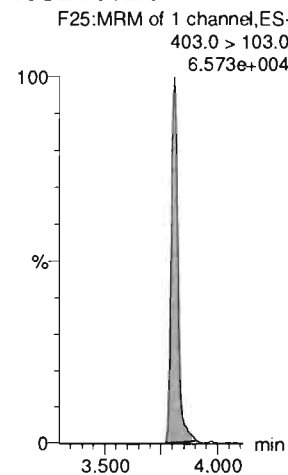
13C5-PFHxA



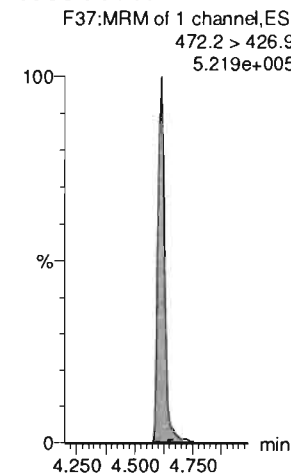
13C8-PFOA



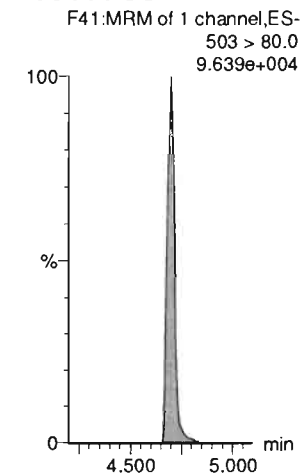
18O2-PFHxS



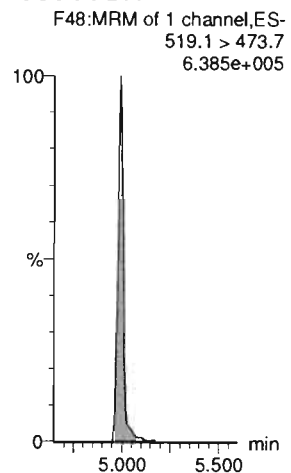
13C9-PFNA



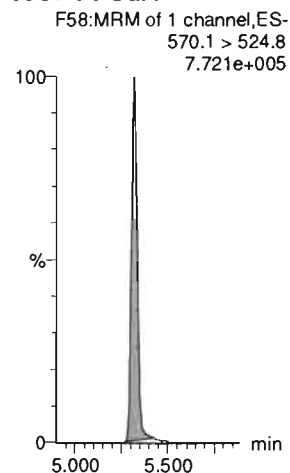
13C4-PFOS



13C6-PFDA



13C7-PFuDA



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

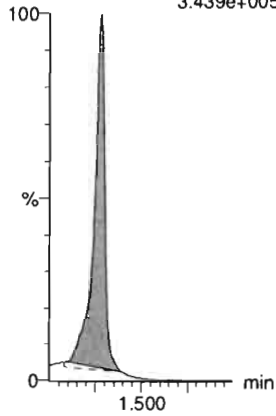
Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_9, Date: 15-Jul-2020, Time: 14:40:36, ID: ST200715M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

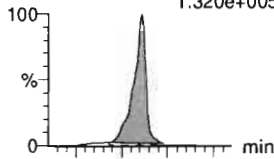
PFBA

F2:MRM of 1 channel,ES-
213.0 > 169.0
3.439e+005

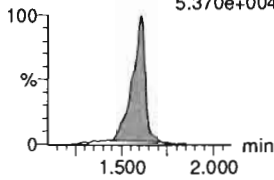


PFPrS

F6:MRM of 2 channels,ES-
248.9 > 79.9
1.320e+005

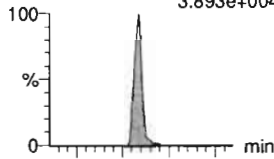


F6:MRM of 2 channels,ES-
248.9 > 98.9
5.370e+004

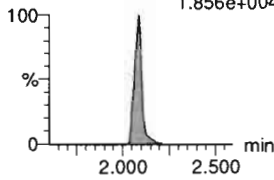


3:3 FTCA

F5:MRM of 2 channels,ES-
241.1 > 177.0
3.893e+004

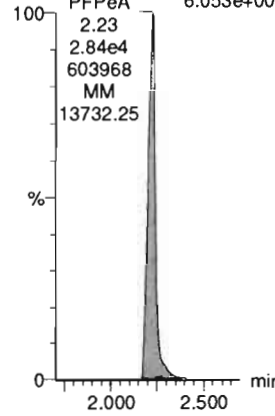


F5:MRM of 2 channels,ES-
241.1 > 117.0
1.856e+004



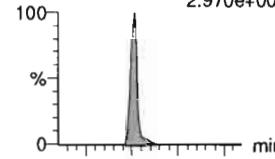
PFPeA

F7:MRM of 1 channel,ES-
263.1 > 218.9
6.053e+005

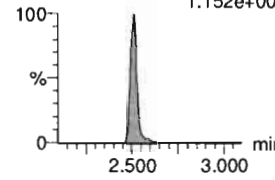


PFBS

F11:MRM of 2 channels,ES-
299.0 > 79.7
2.970e+005

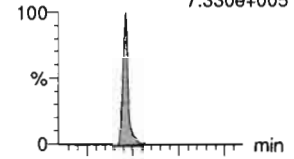


F11:MRM of 2 channels,ES-
299.0 > 99.0
1.152e+005

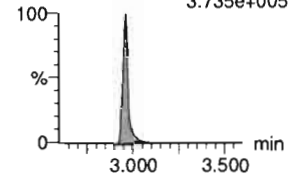


4:2 FTS

F16:MRM of 2 channels,ES-
327.0 > 306.9
7.330e+005

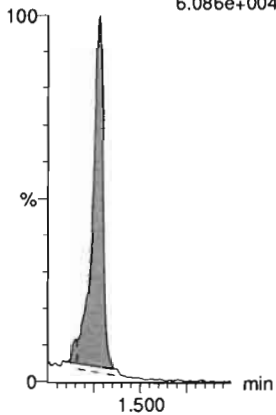


F16:MRM of 2 channels,ES-
327.0 > 80.9
3.735e+005



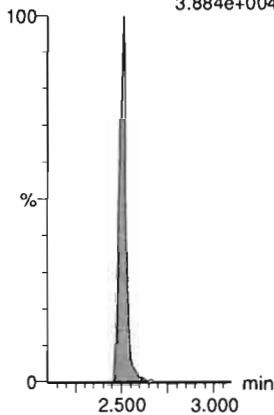
13C3-PFBA-EIS

F3:MRM of 1 channel,ES-
216.1 > 171.8
6.086e+004



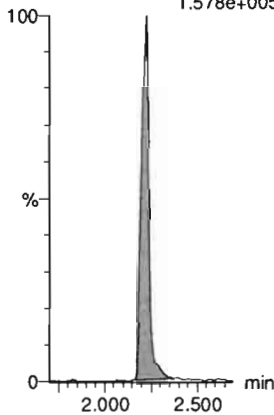
13C3-PFBS-EIS

F12:MRM of 1 channel,ES-
302.0 > 99
3.884e+004



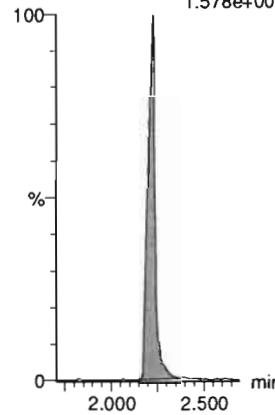
13C3-PFPeA-EIS

F8:MRM of 1 channel,ES-
266.0 > 221.8
1.578e+005



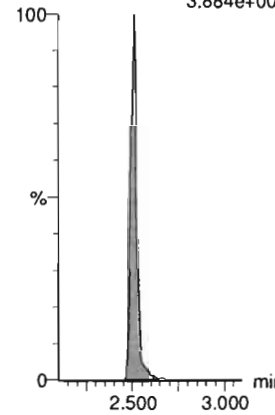
13C3-PFPeA-EIS

F8:MRM of 1 channel,ES-
266.0 > 221.8
1.578e+005



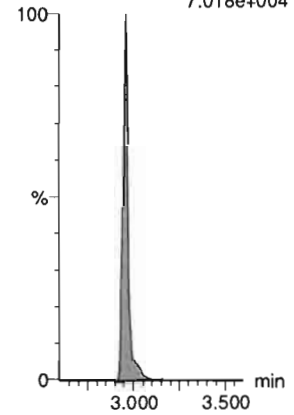
13C3-PFBS-EIS

F12:MRM of 1 channel,ES-
302.0 > 99
3.884e+004



13C2-4:2 FTS-EIS

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.018e+004

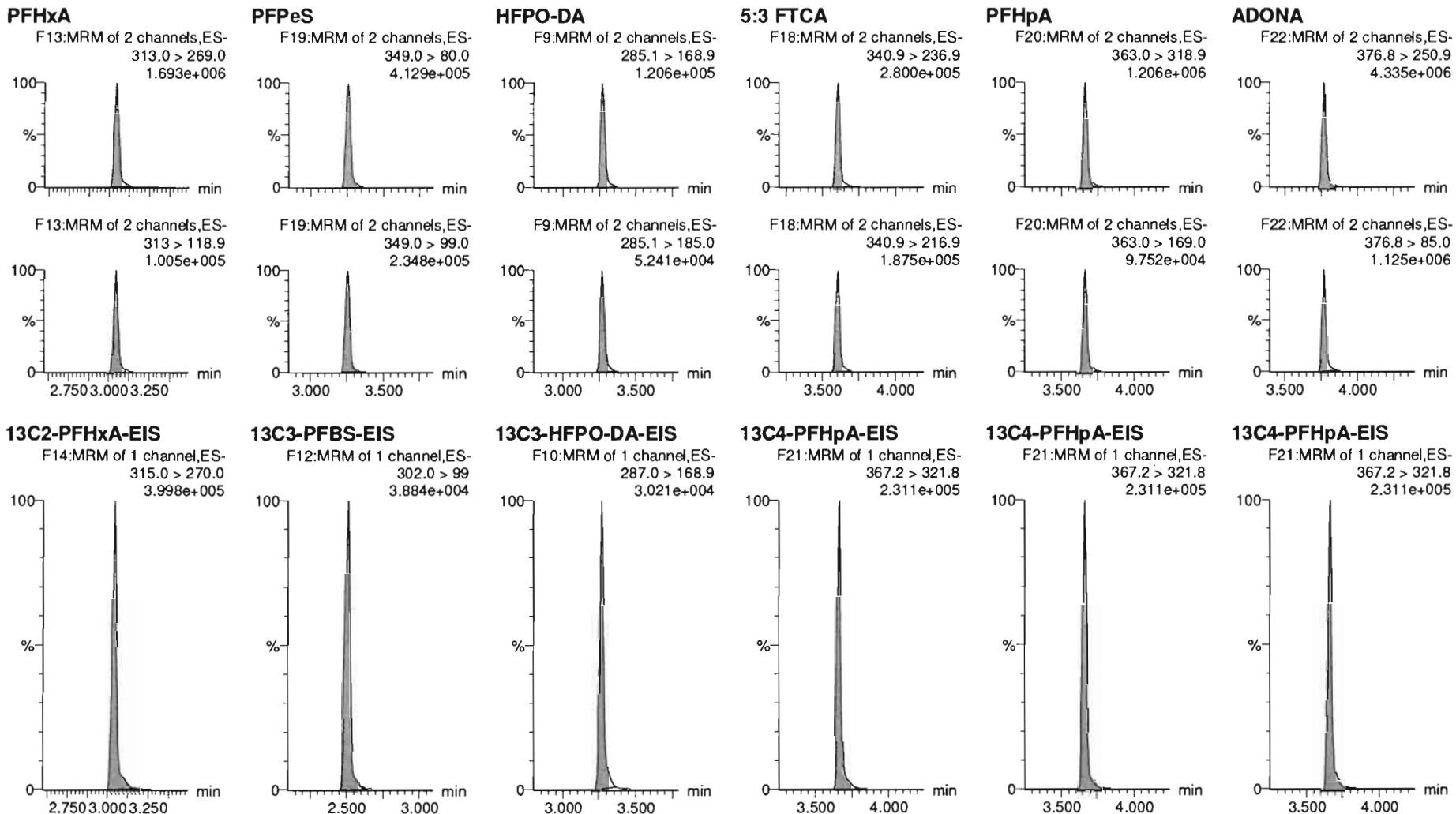


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_9, Date: 15-Jul-2020, Time: 14:40:36, ID: ST200715M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

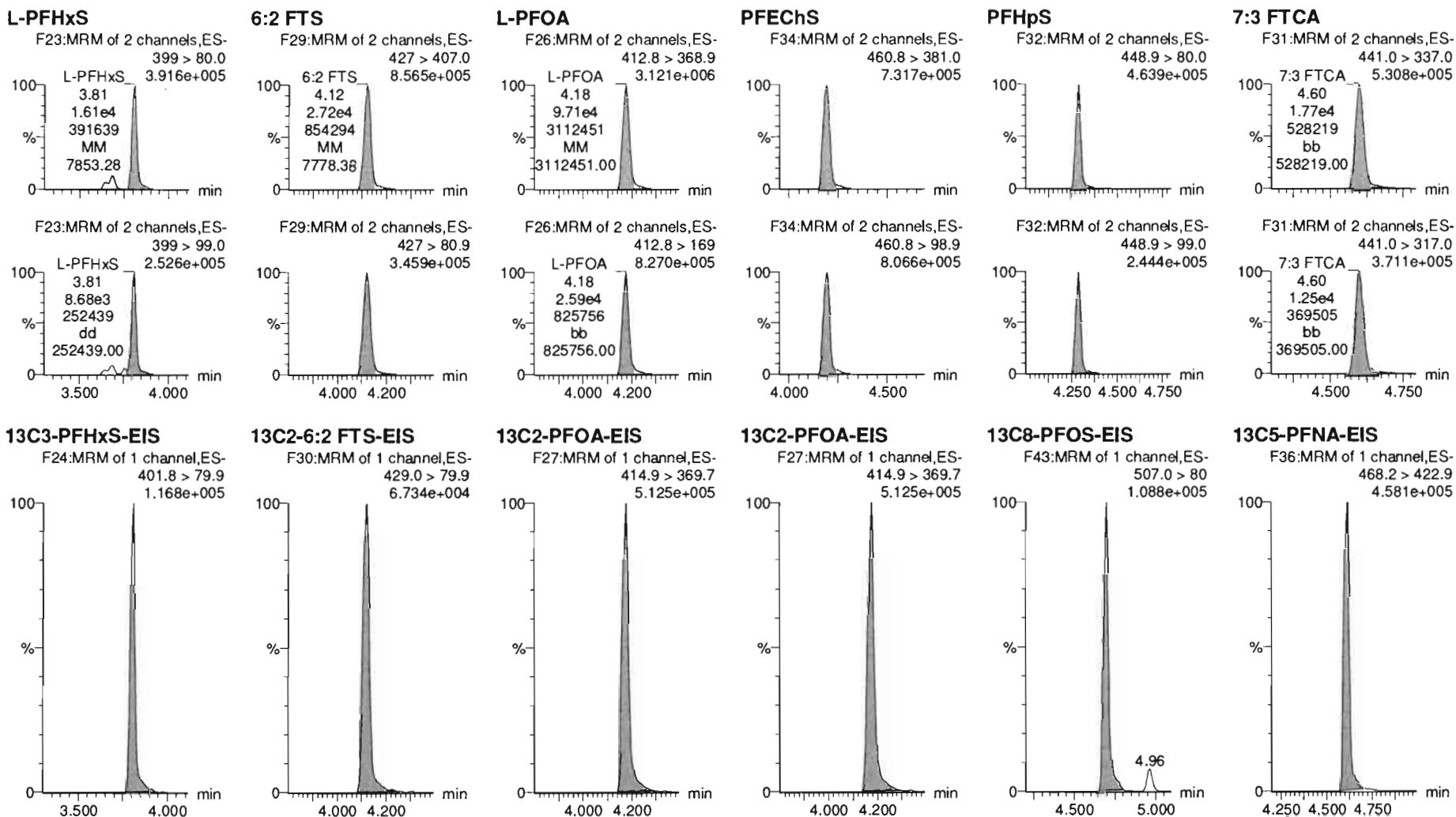


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_9, Date: 15-Jul-2020, Time: 14:40:36, ID: ST200715M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

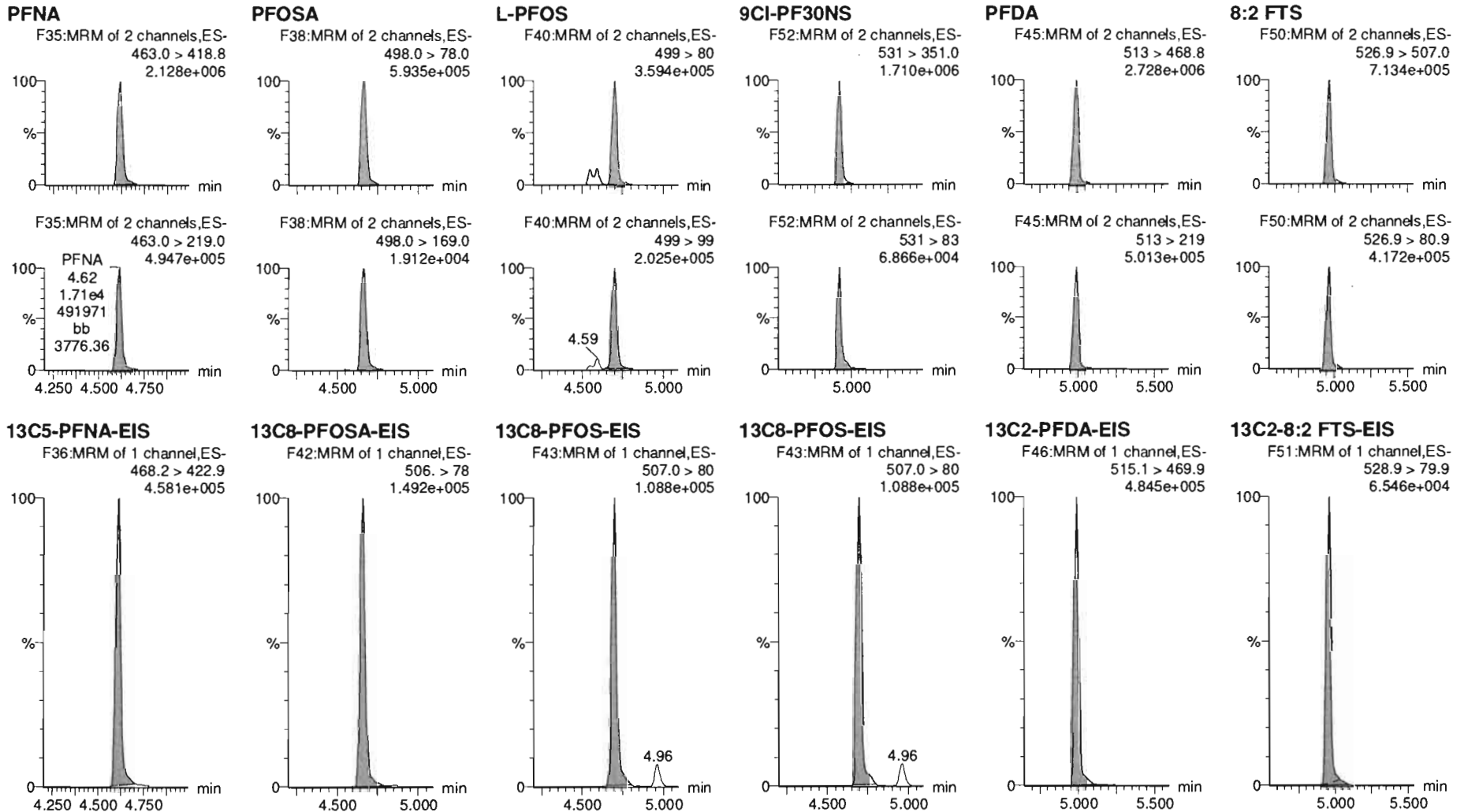


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

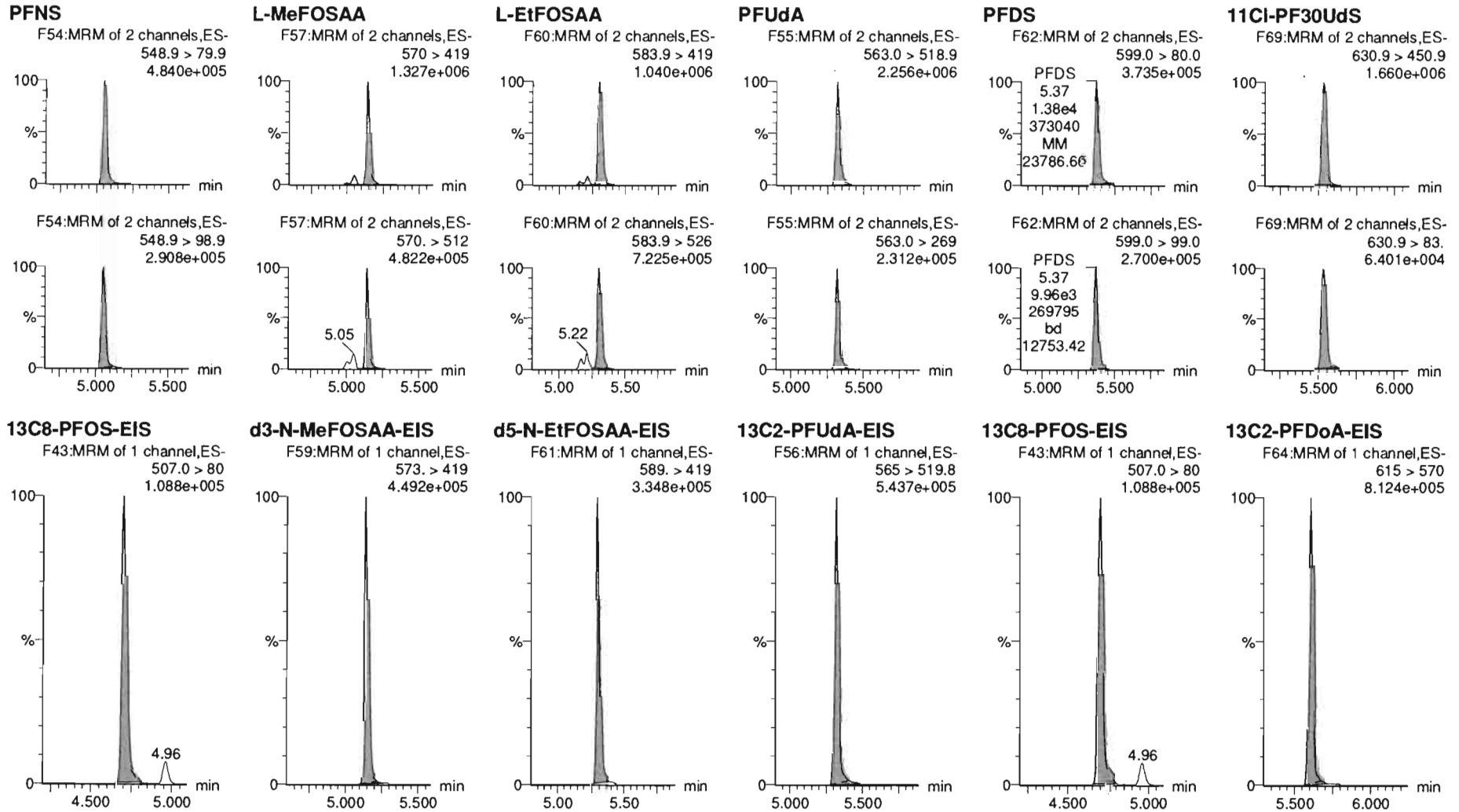
Name: 200715M1_9, Date: 15-Jul-2020, Time: 14:40:36, ID: ST200715M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time
Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_9, Date: 15-Jul-2020, Time: 14:40:36, ID: ST200715M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

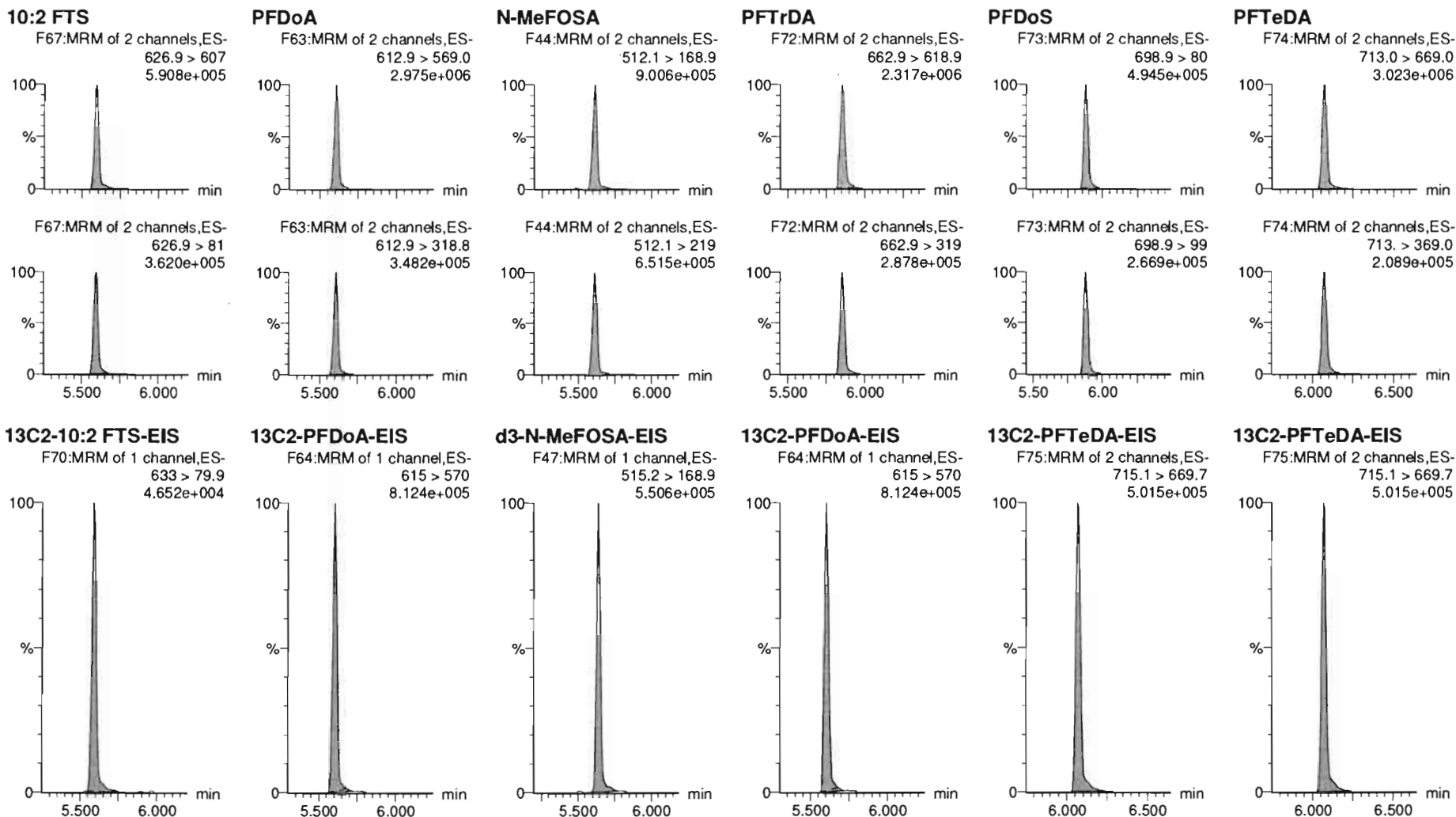


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Name: 200715M1_9, Date: 15-Jul-2020, Time: 14:40:36, ID: ST200715M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

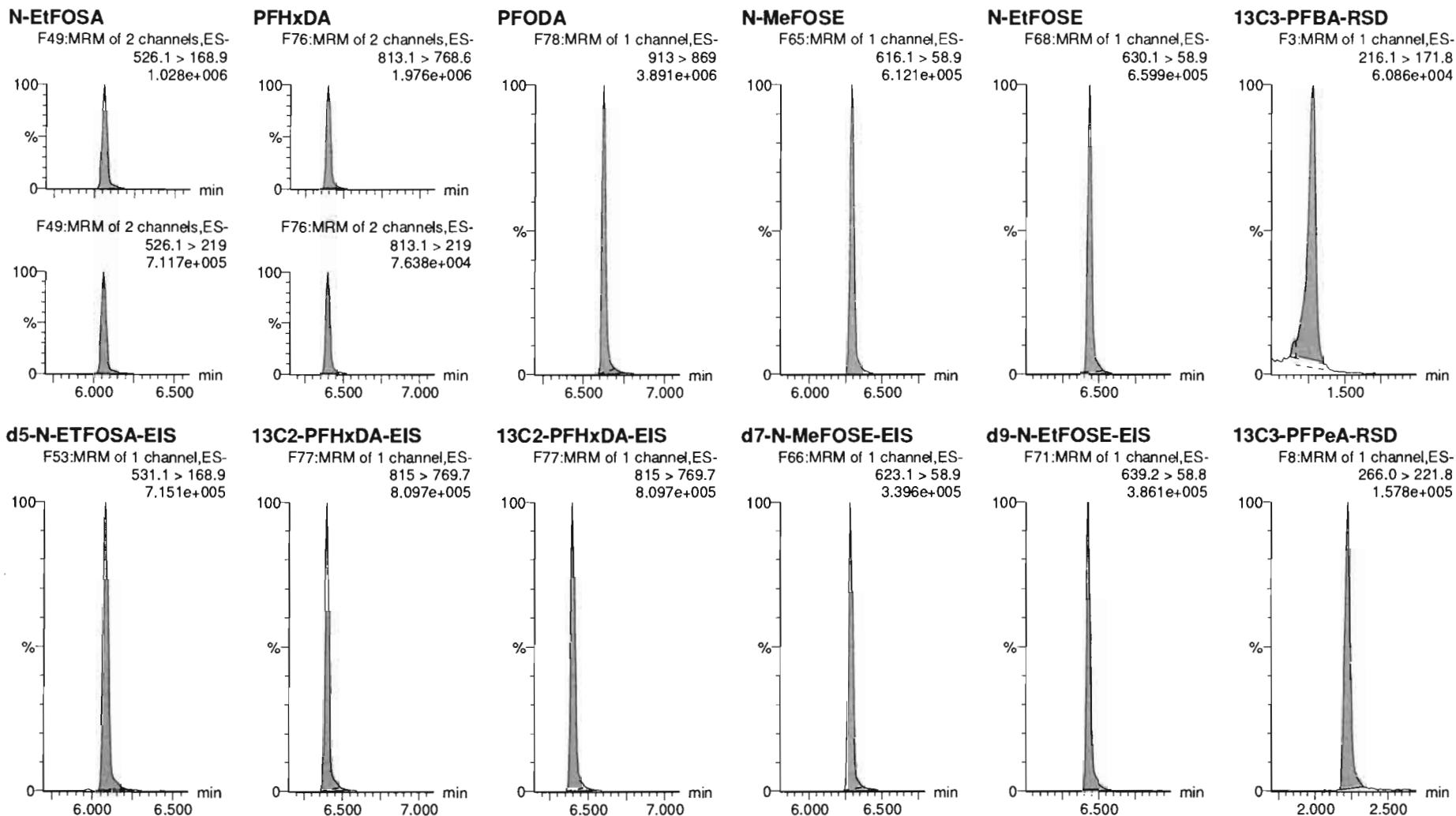


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Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_9, Date: 15-Jul-2020, Time: 14:40:36, ID: ST200715M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

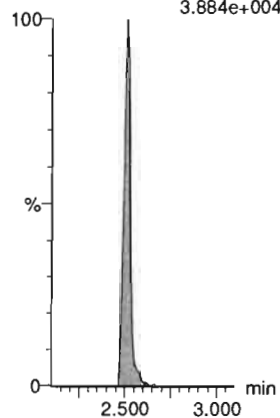
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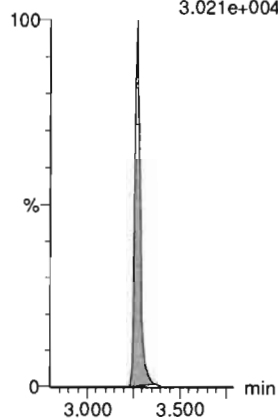
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.884e+004



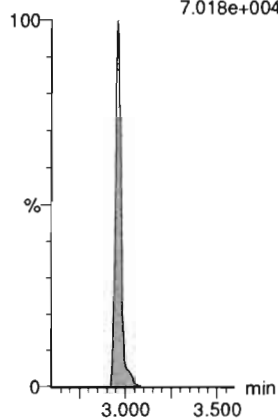
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.021e+004



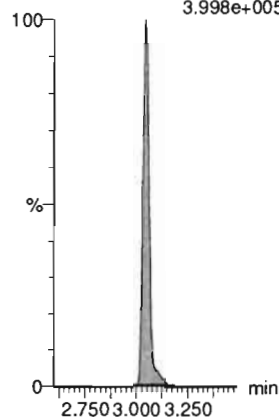
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.018e+004



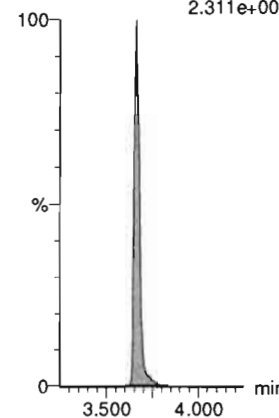
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.998e+005



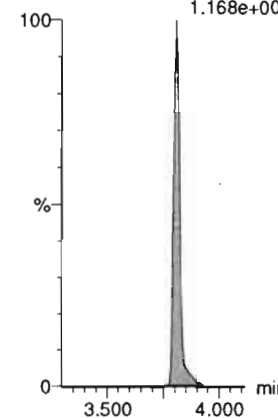
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.311e+005



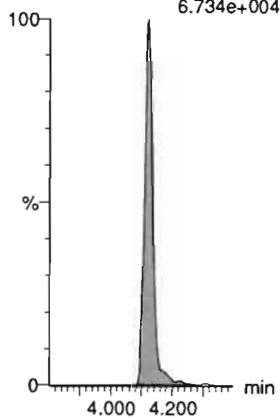
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.168e+005



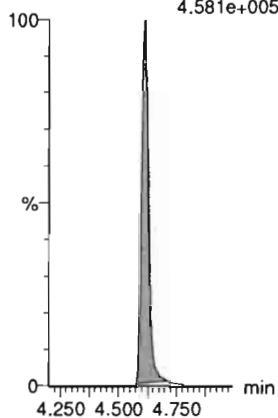
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
6.734e+004



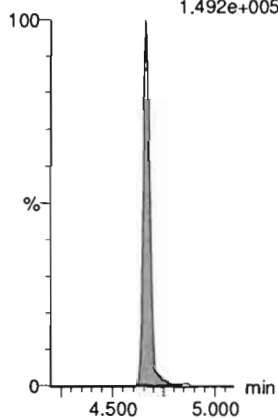
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.581e+005



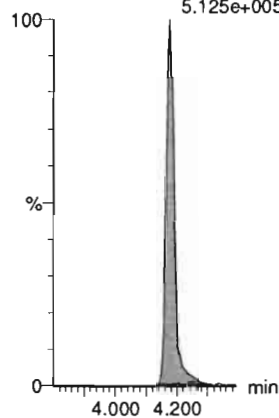
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.492e+005



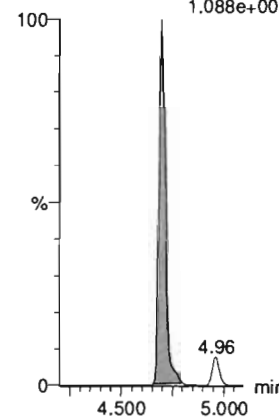
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.125e+005



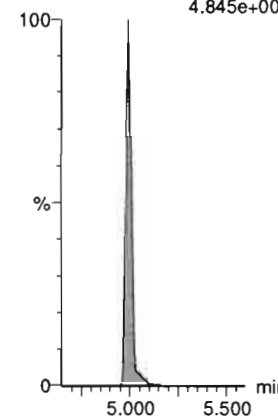
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.088e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.845e+005



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

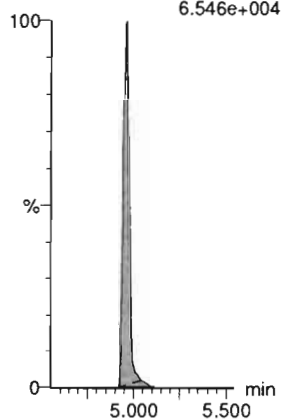
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Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_9, Date: 15-Jul-2020, Time: 14:40:36, ID: ST200715M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

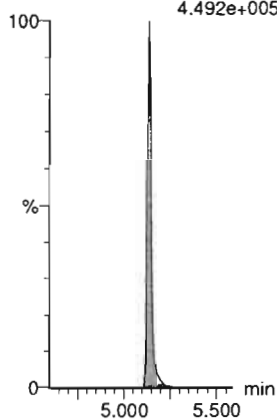
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.546e+004



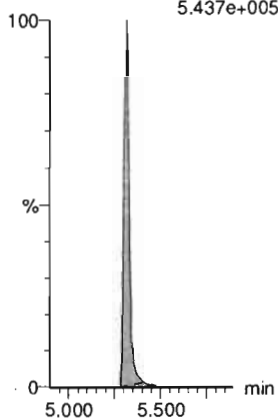
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.492e+005



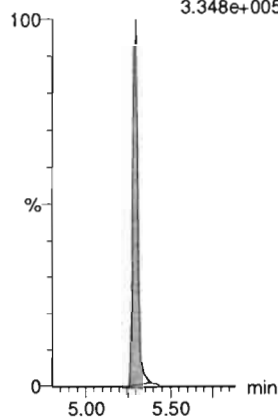
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
5.437e+005



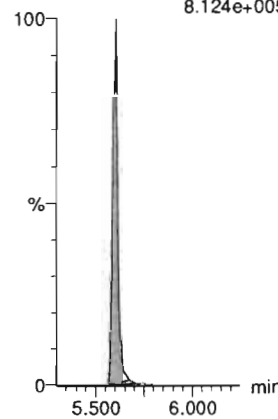
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.348e+005



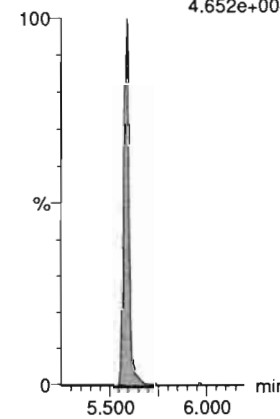
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
8.124e+005



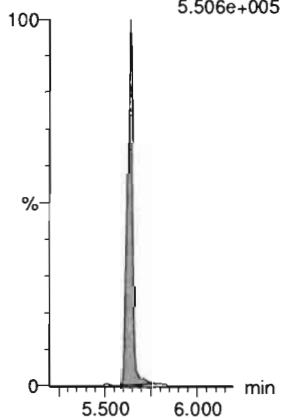
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.652e+004



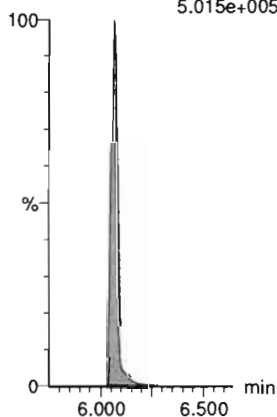
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.506e+005



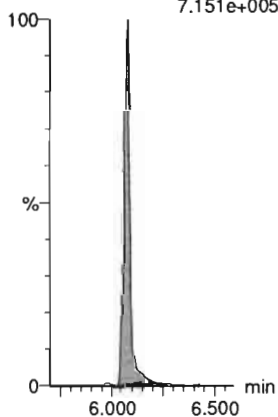
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.015e+005



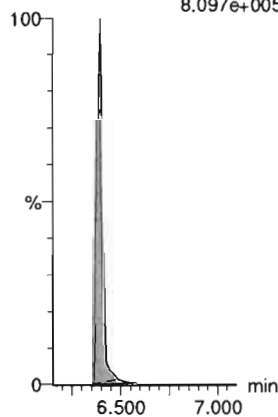
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.151e+005



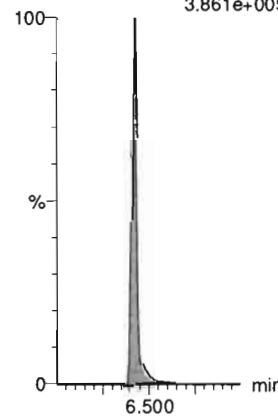
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.097e+005



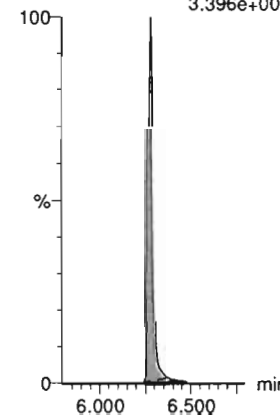
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
3.861e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.396e+005



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

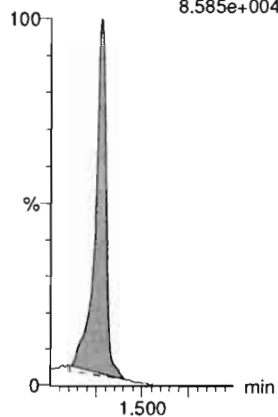
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Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_9, Date: 15-Jul-2020, Time: 14:40:36, ID: ST200715M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

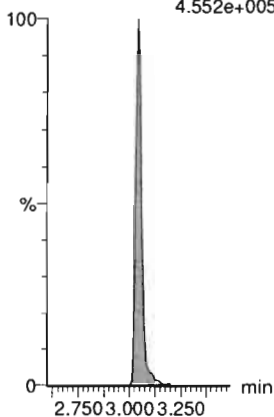
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
8.585e+004



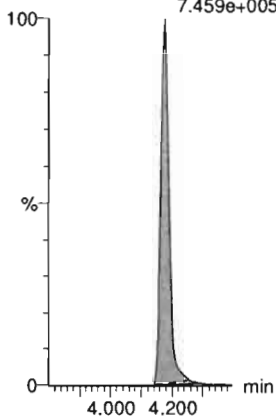
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.552e+005



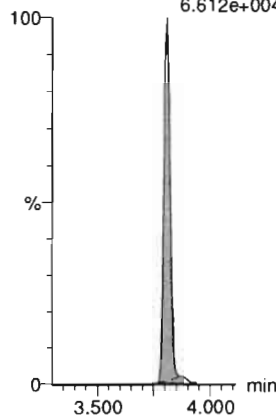
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.459e+005



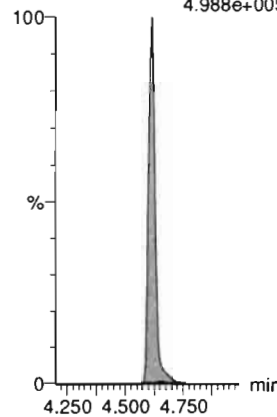
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
6.612e+004



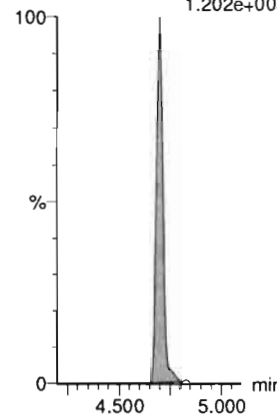
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
4.988e+005



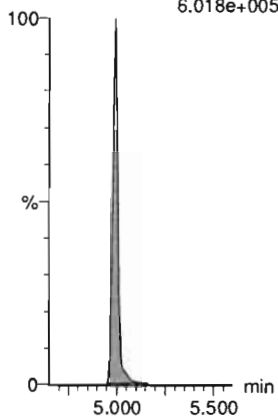
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.202e+005



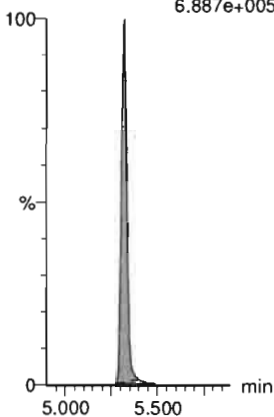
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
6.018e+005



13C7-PFUdA

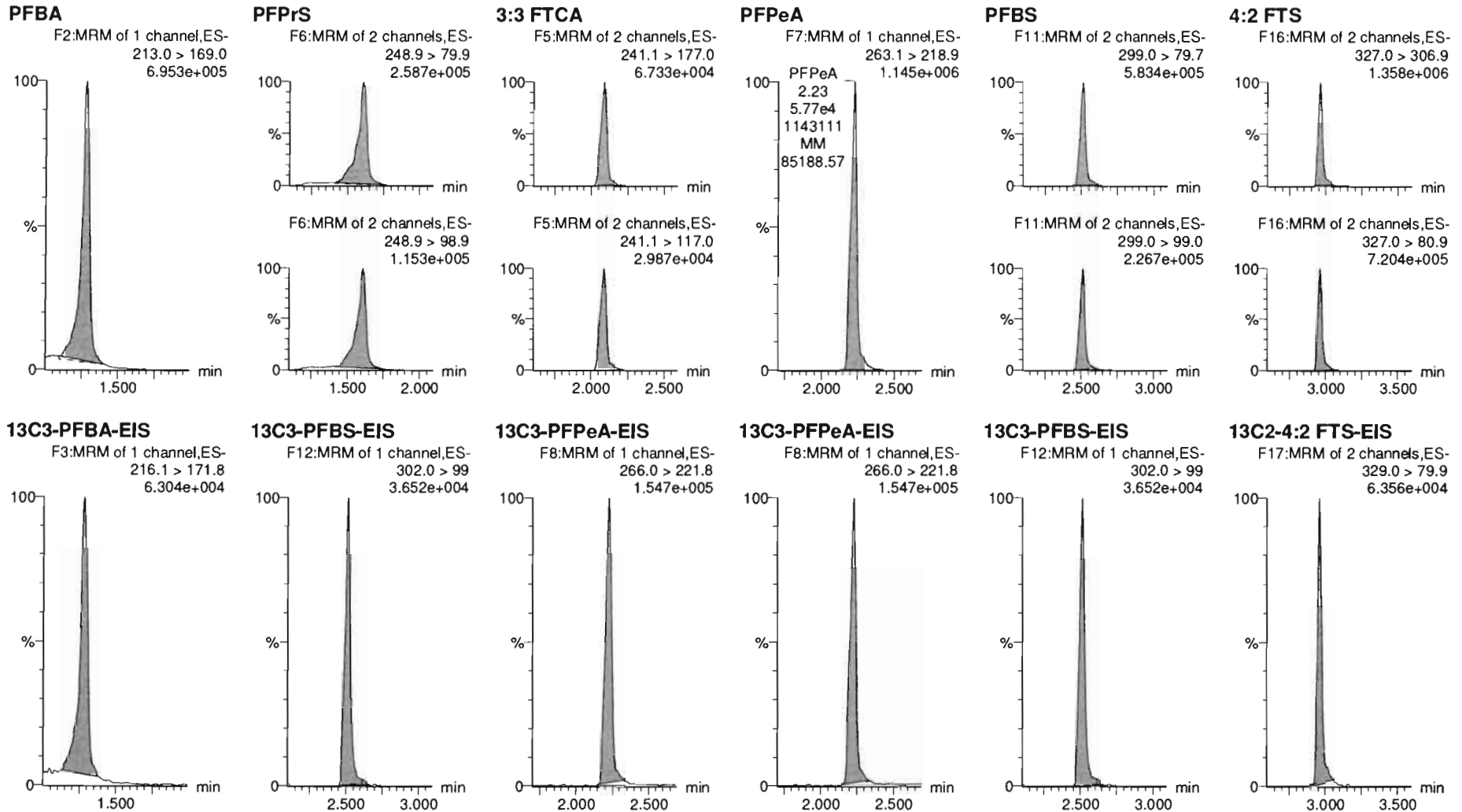
F58:MRM of 1 channel,ES-
570.1 > 524.8
6.887e+005



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time
Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_10, Date: 15-Jul-2020, Time: 14:50:59, ID: ST200715M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

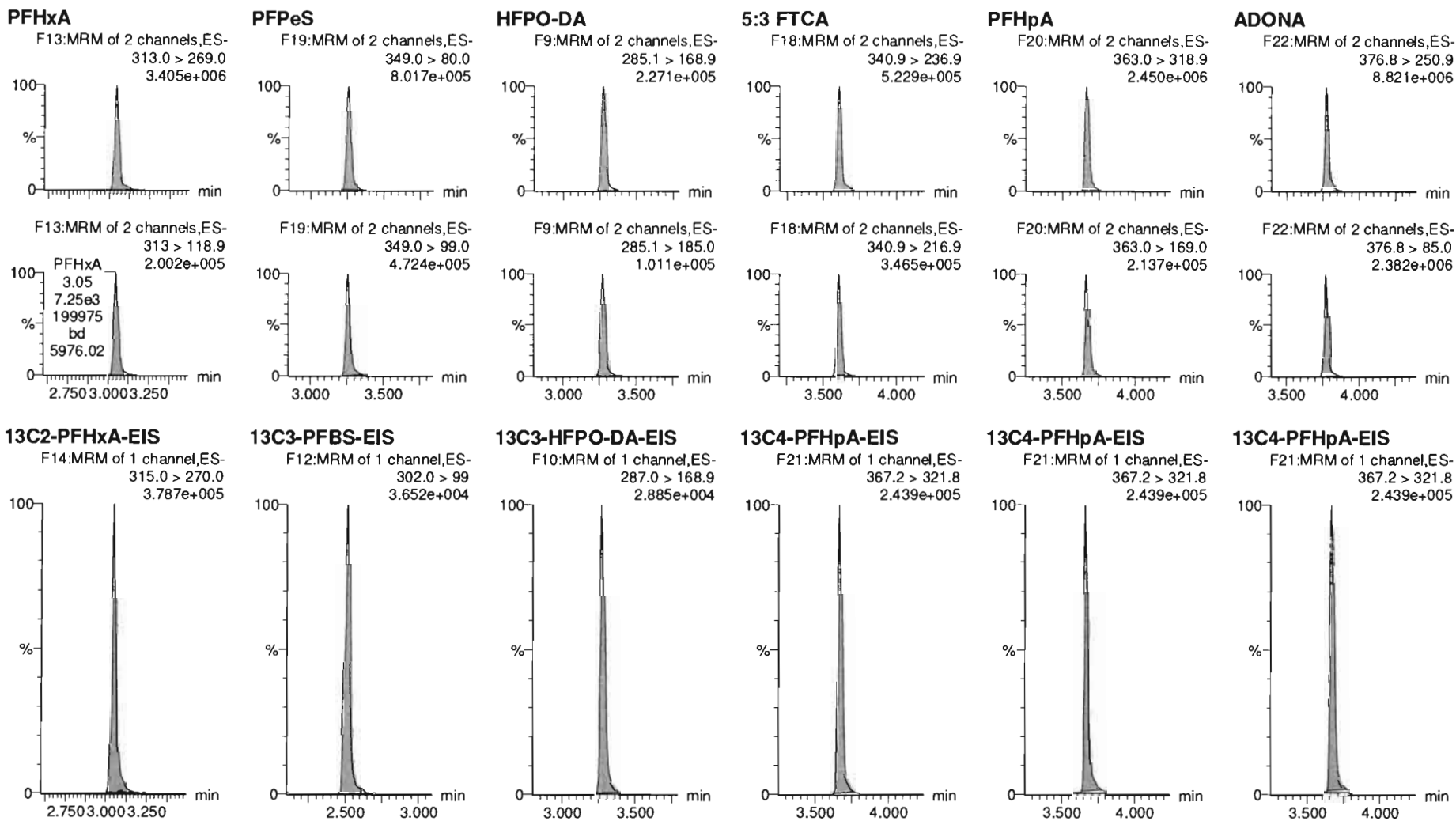


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Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_10, Date: 15-Jul-2020, Time: 14:50:59, ID: ST200715M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

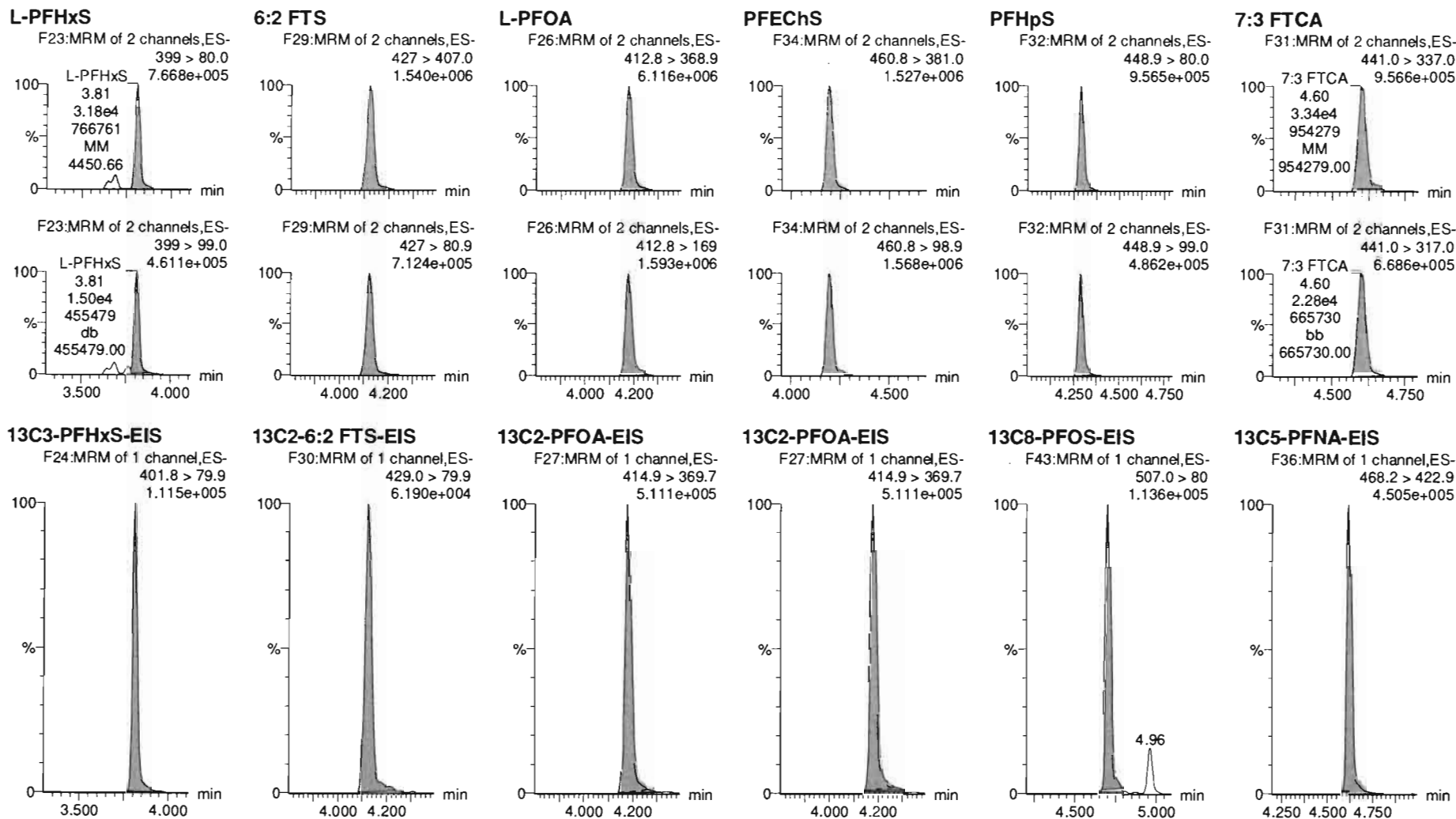


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_10, Date: 15-Jul-2020, Time: 14:50:59, ID: ST200715M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

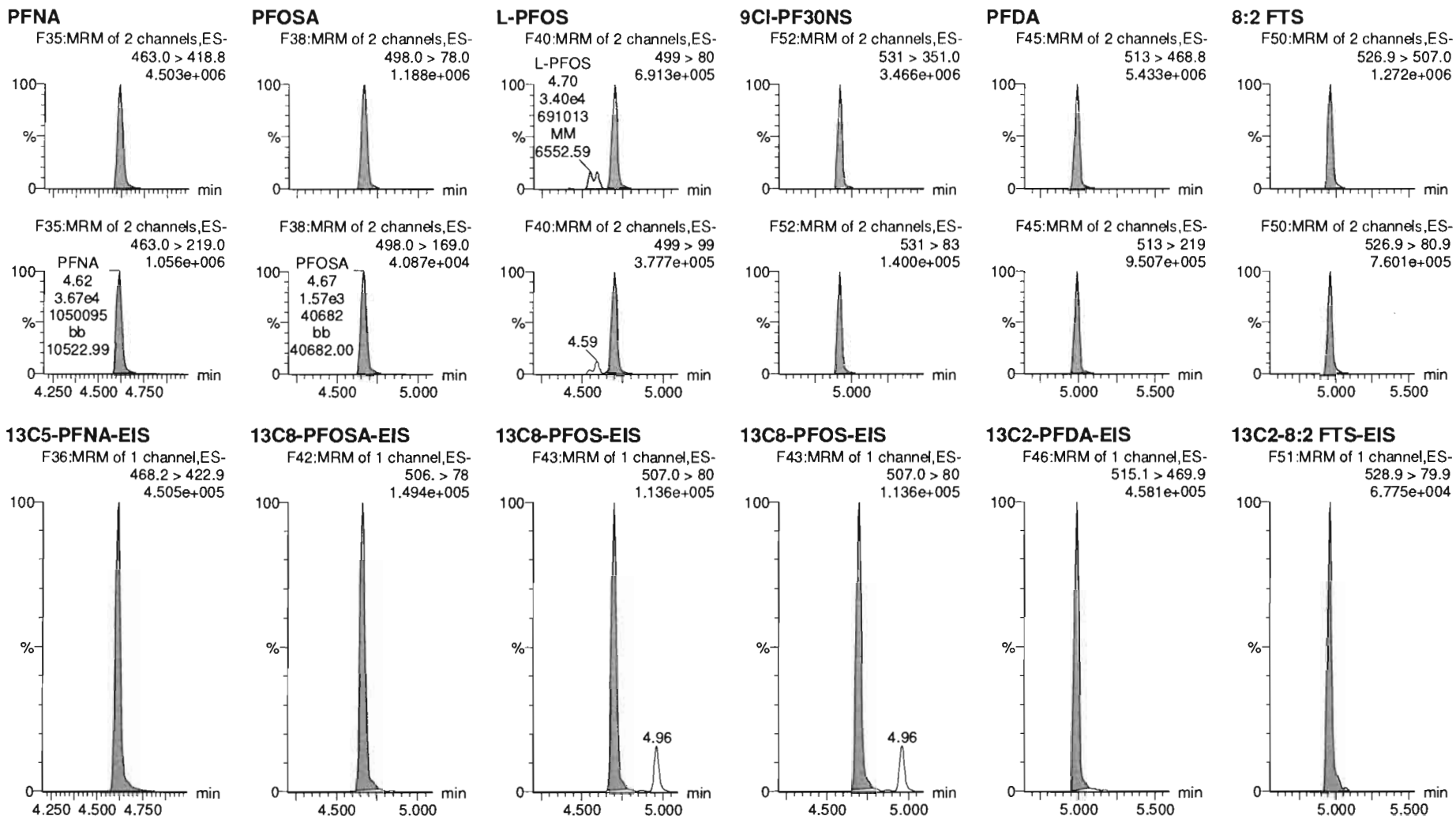


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_10, Date: 15-Jul-2020, Time: 14:50:59, ID: ST200715M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

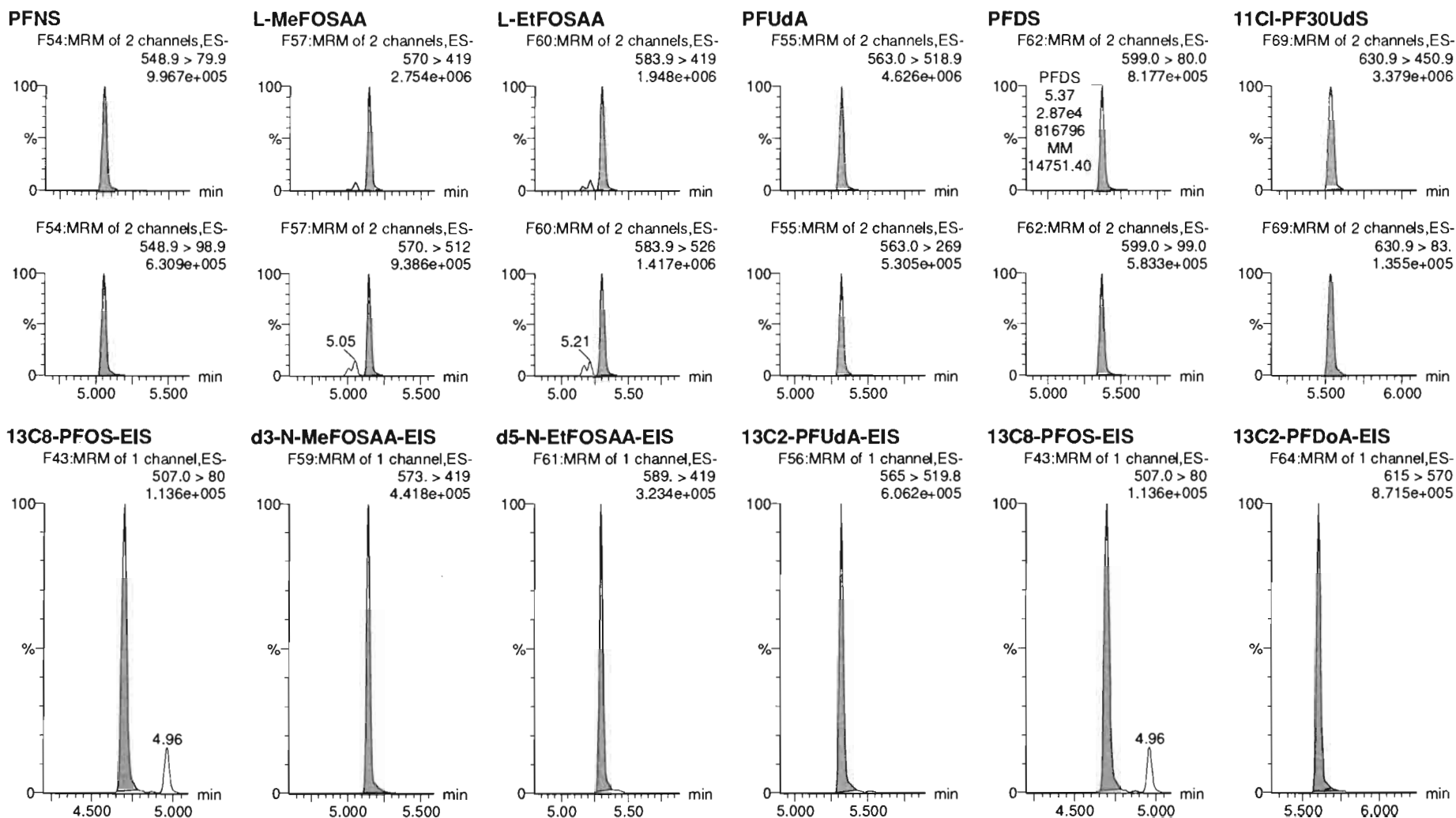


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Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

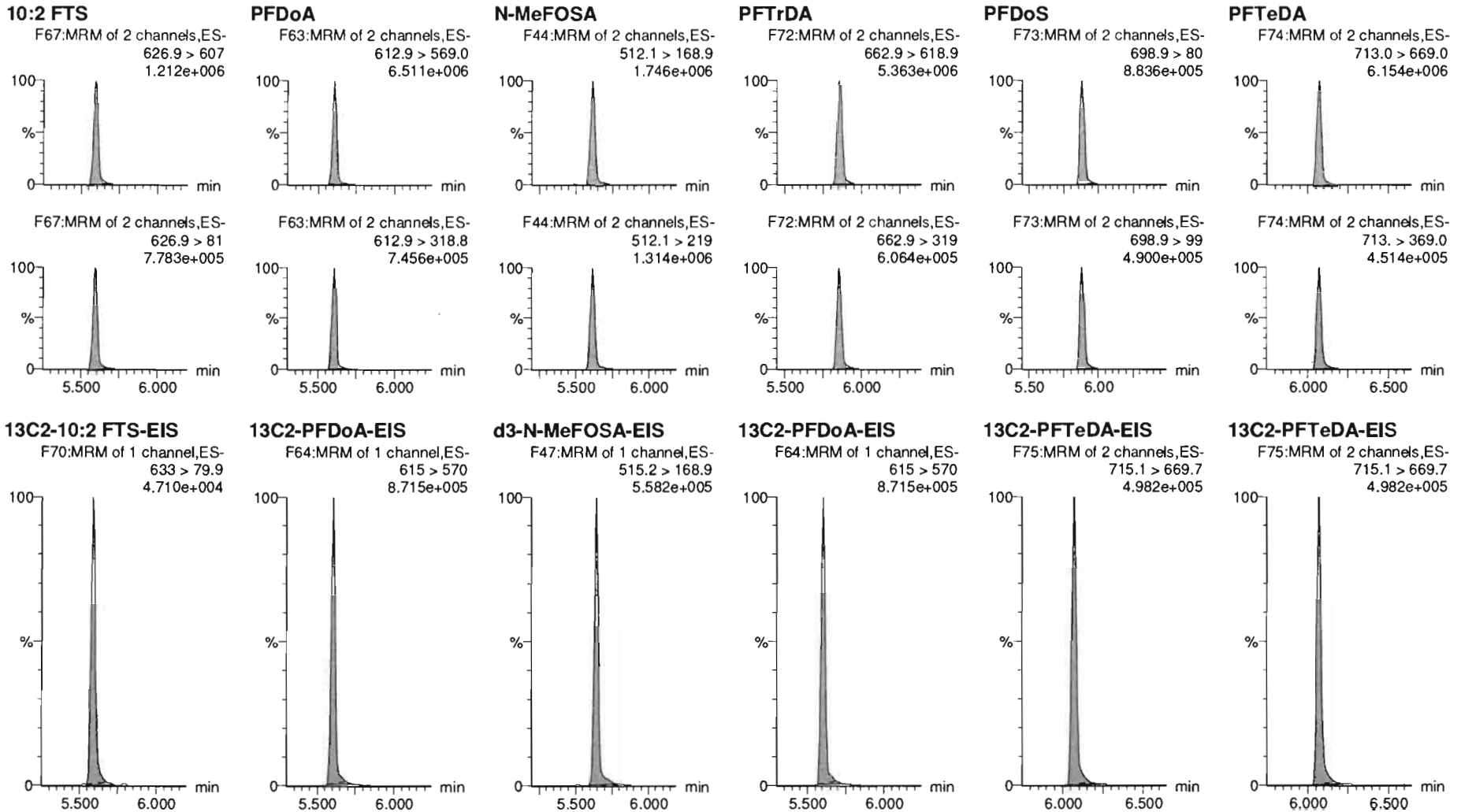
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Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time
Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_10, Date: 15-Jul-2020, Time: 14:50:59, ID: ST200715M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

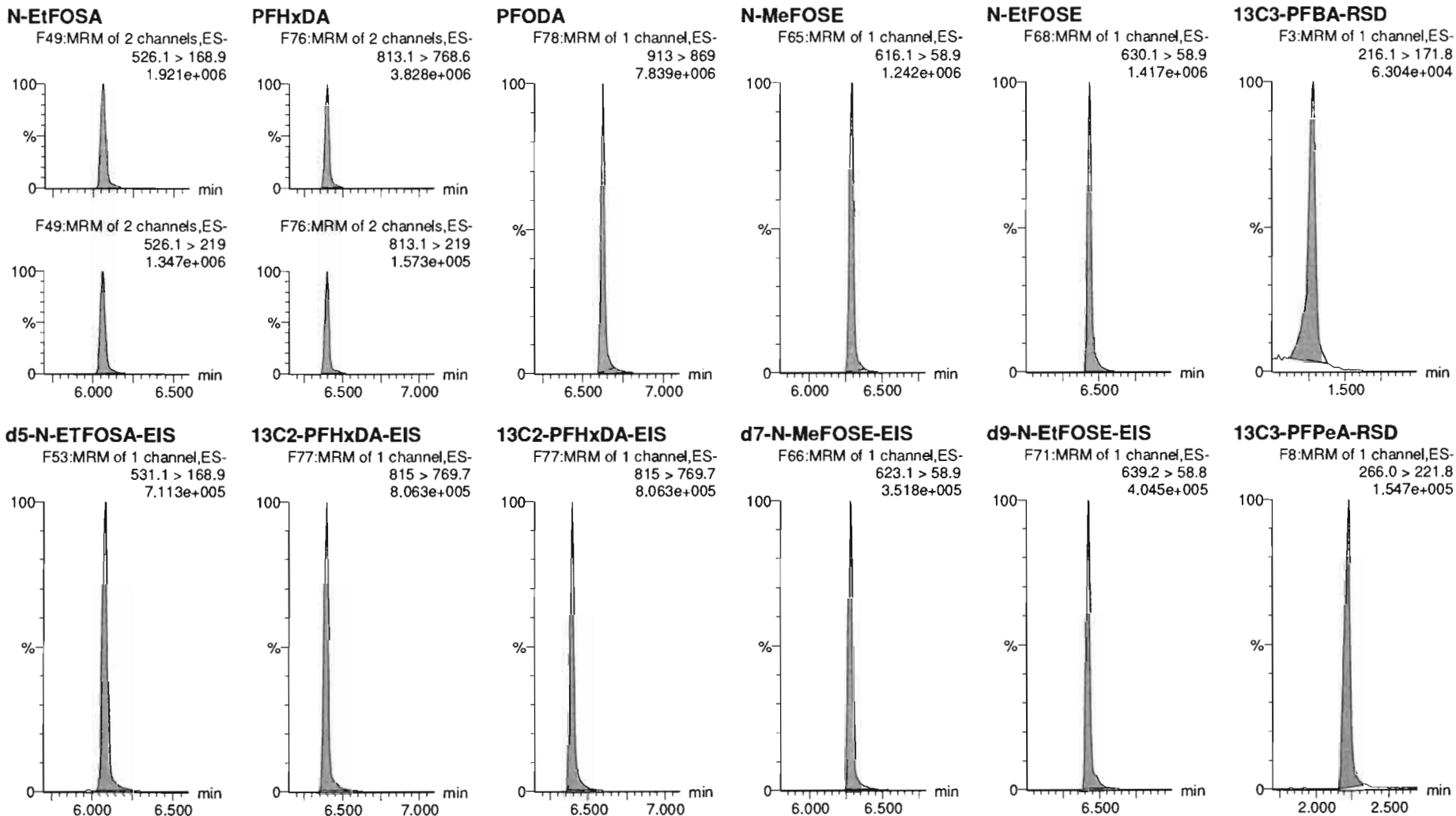


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Last Altered: Thursday, July 16, 2020 10:04:10 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_10, Date: 15-Jul-2020, Time: 14:50:59, ID: ST200715M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

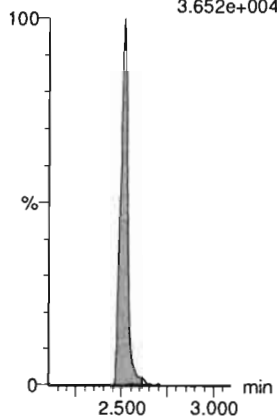
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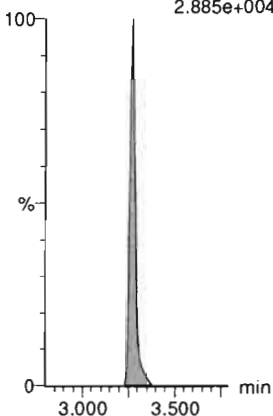
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.652e+004



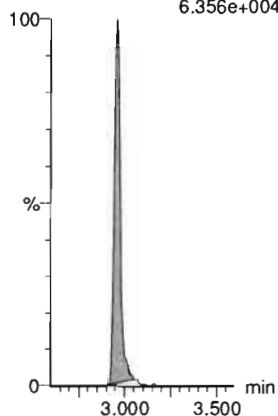
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
2.885e+004



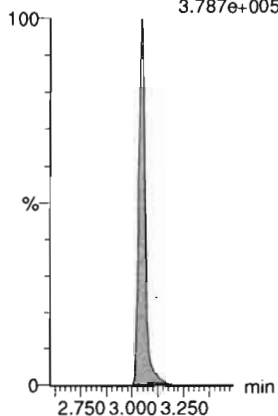
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.356e+004



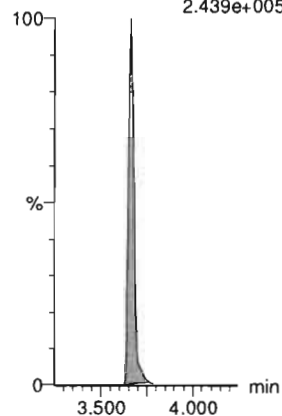
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.787e+005



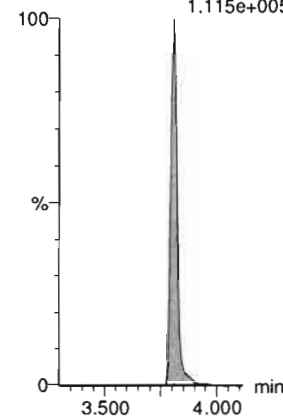
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.439e+005



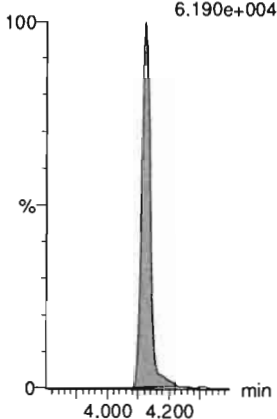
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.115e+005



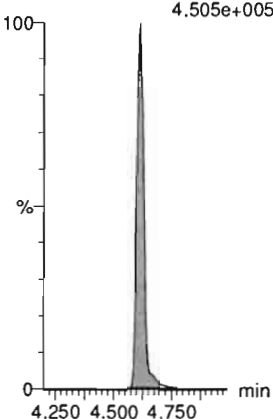
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
6.190e+004



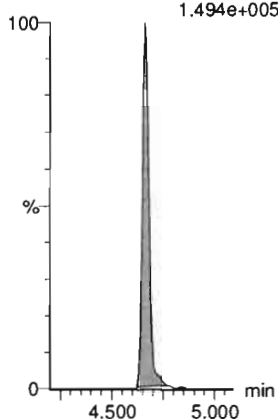
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.505e+005



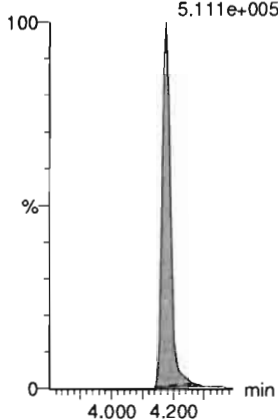
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.494e+005



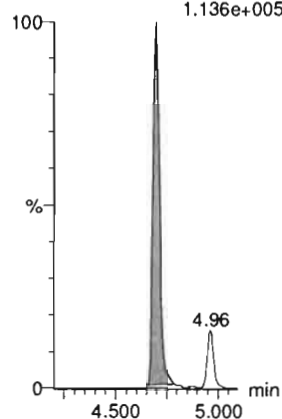
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.111e+005



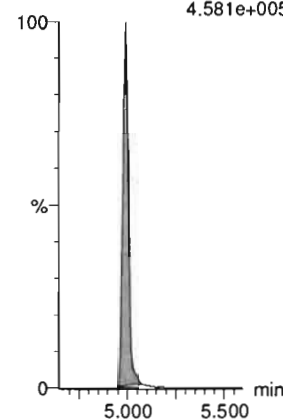
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.136e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.581e+005



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

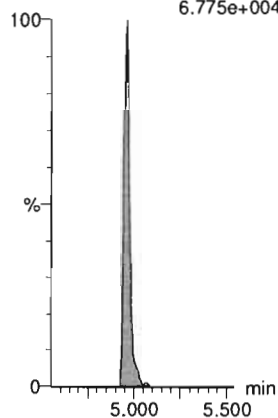
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Name: 200715M1_10, Date: 15-Jul-2020, Time: 14:50:59, ID: ST200715M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

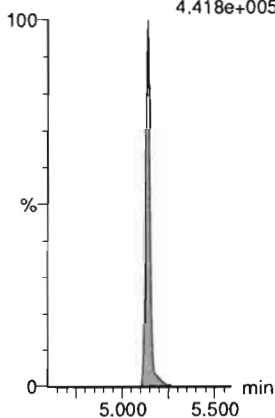
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.775e+004



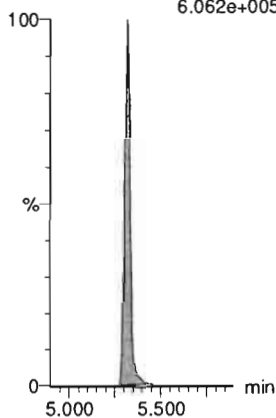
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.418e+005



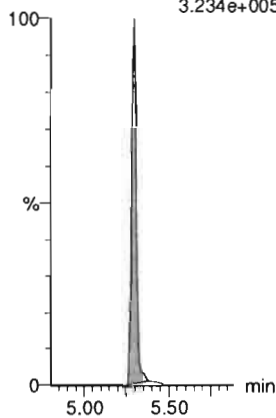
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.062e+005



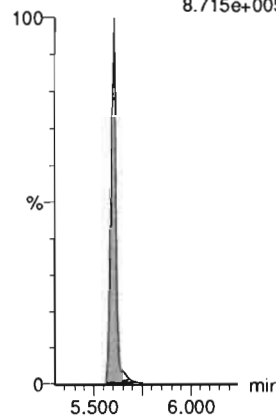
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.234e+005



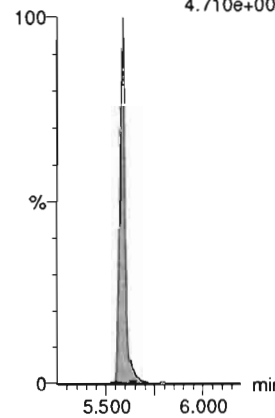
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
8.715e+005



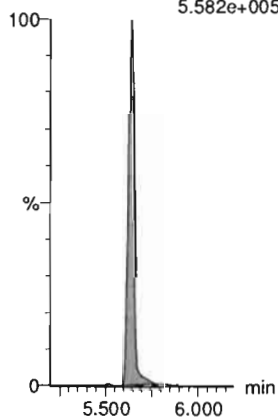
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.710e+004



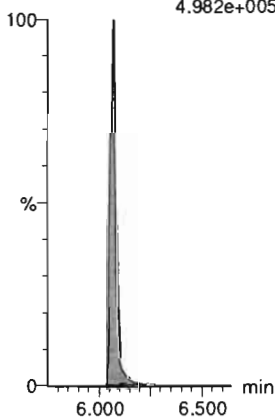
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.582e+005



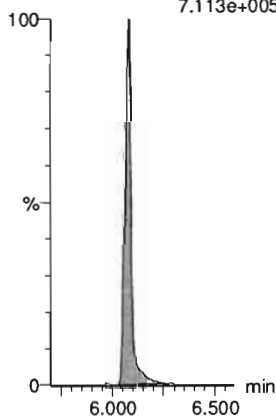
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.982e+005



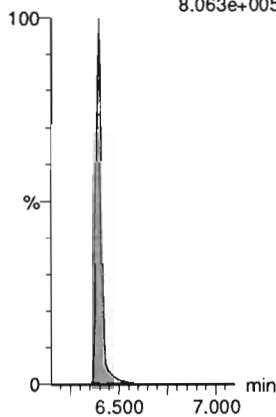
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.113e+005



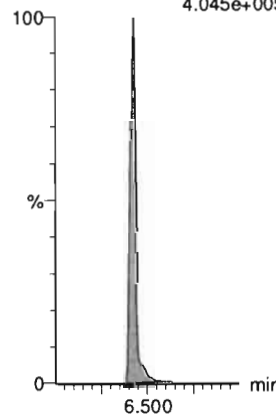
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
8.063e+005



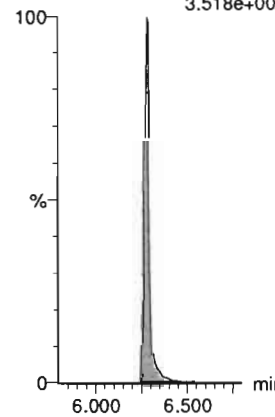
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.045e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.518e+005



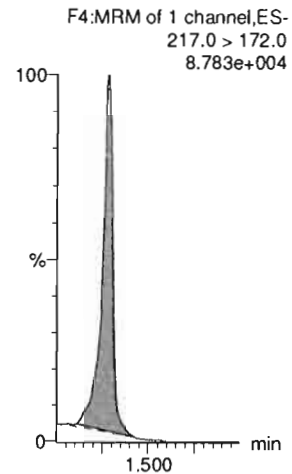
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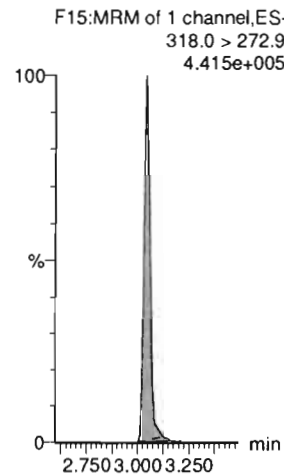
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Name: 200715M1_10, Date: 15-Jul-2020, Time: 14:50:59, ID: ST200715M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

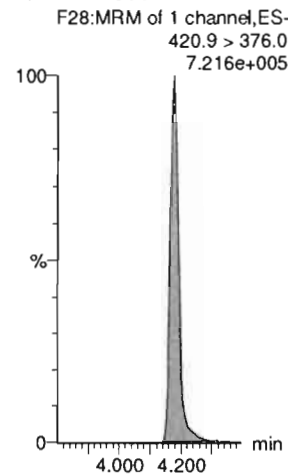
13C4-PFBA



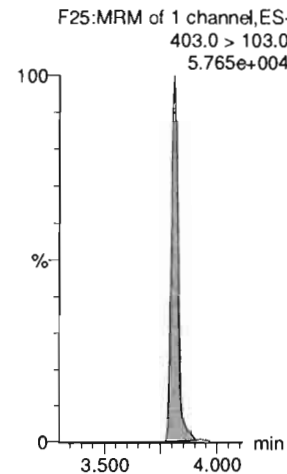
13C5-PFHxA



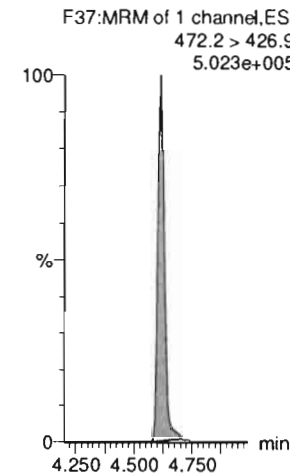
13C8-PFOA



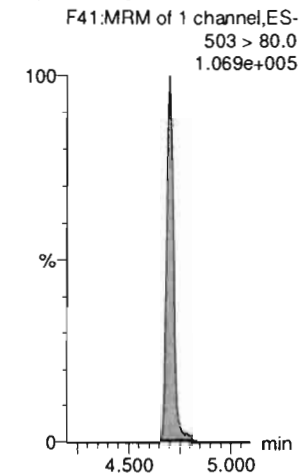
18O2-PFHxS



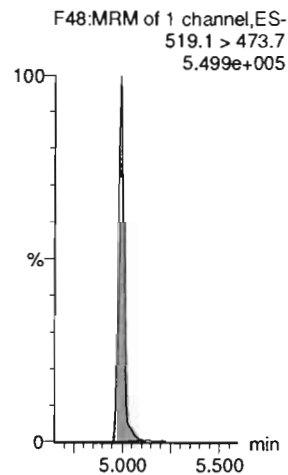
13C9-PFNA



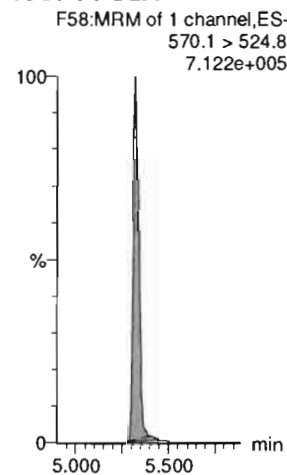
13C4-PFOS



13C6-PFDA



13C7-PFUDA



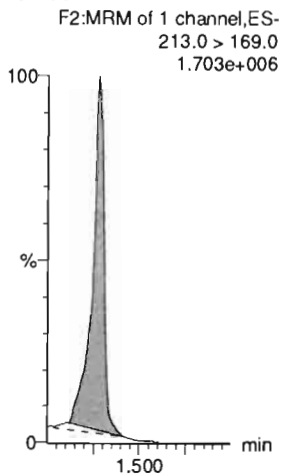
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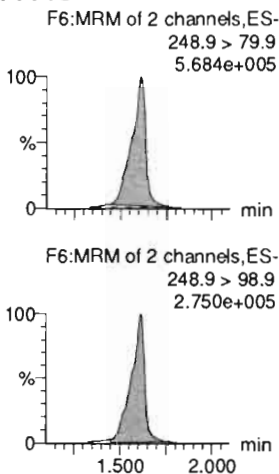
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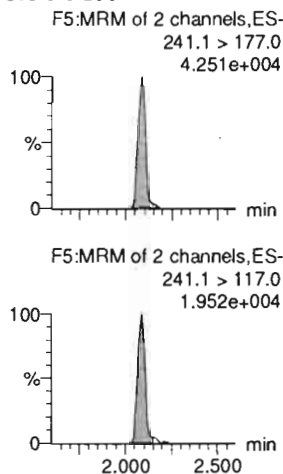
PFBA



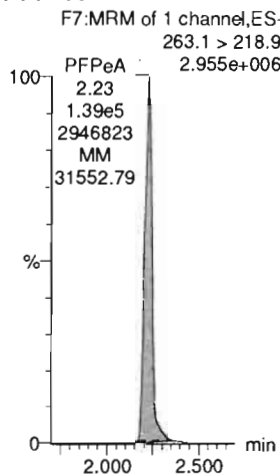
PFPrS



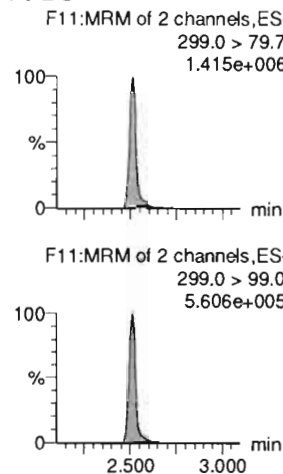
3:3 FTCA



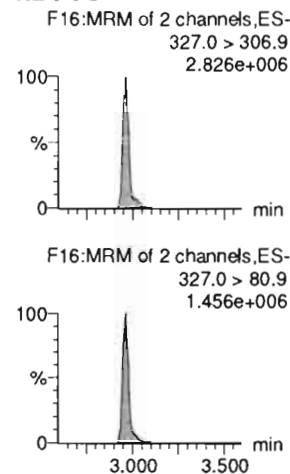
PFPeA



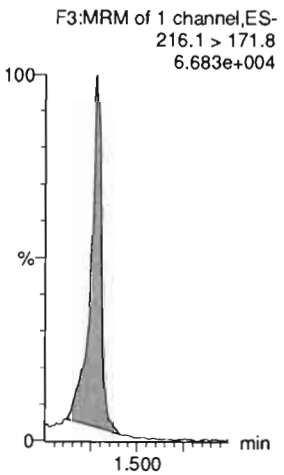
PFBS



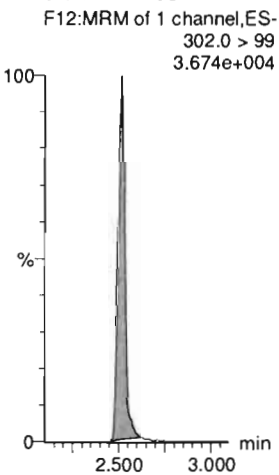
4:2 FTS



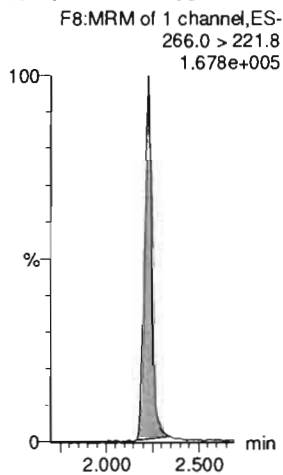
13C3-PFBA-EIS



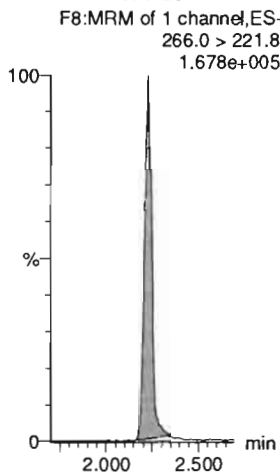
13C3-PFBS-EIS



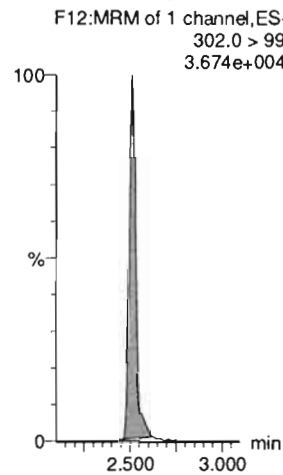
13C3-PFPeA-EIS



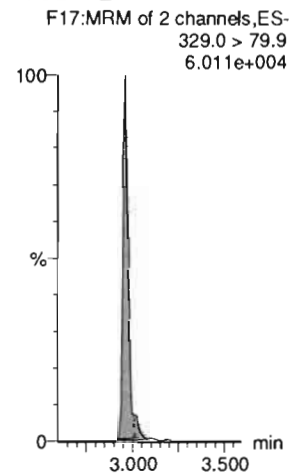
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

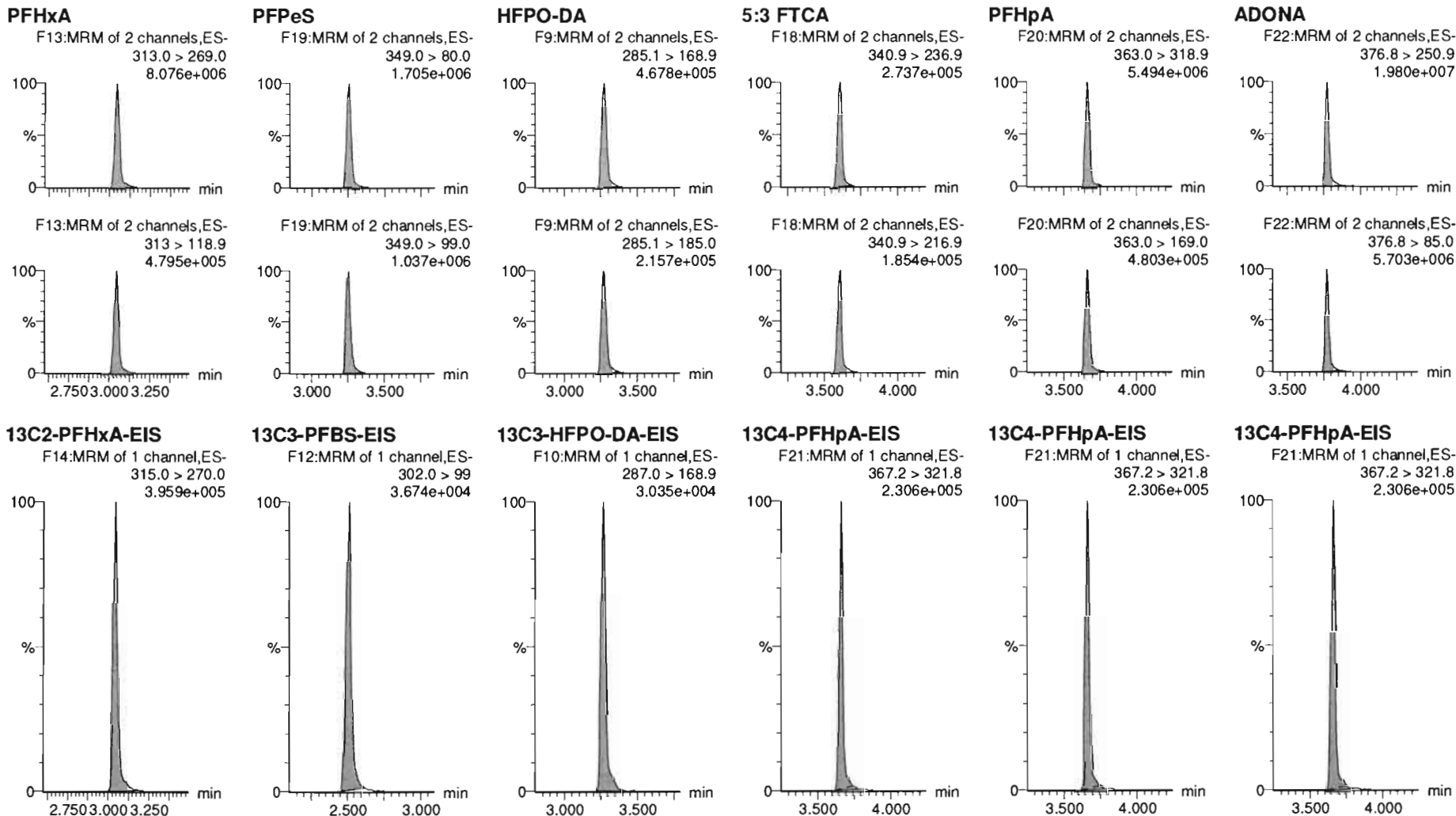


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-CRV.qld

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Name: 200715M1_11, Date: 15-Jul-2020, Time: 15:01:21, ID: ST200715M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

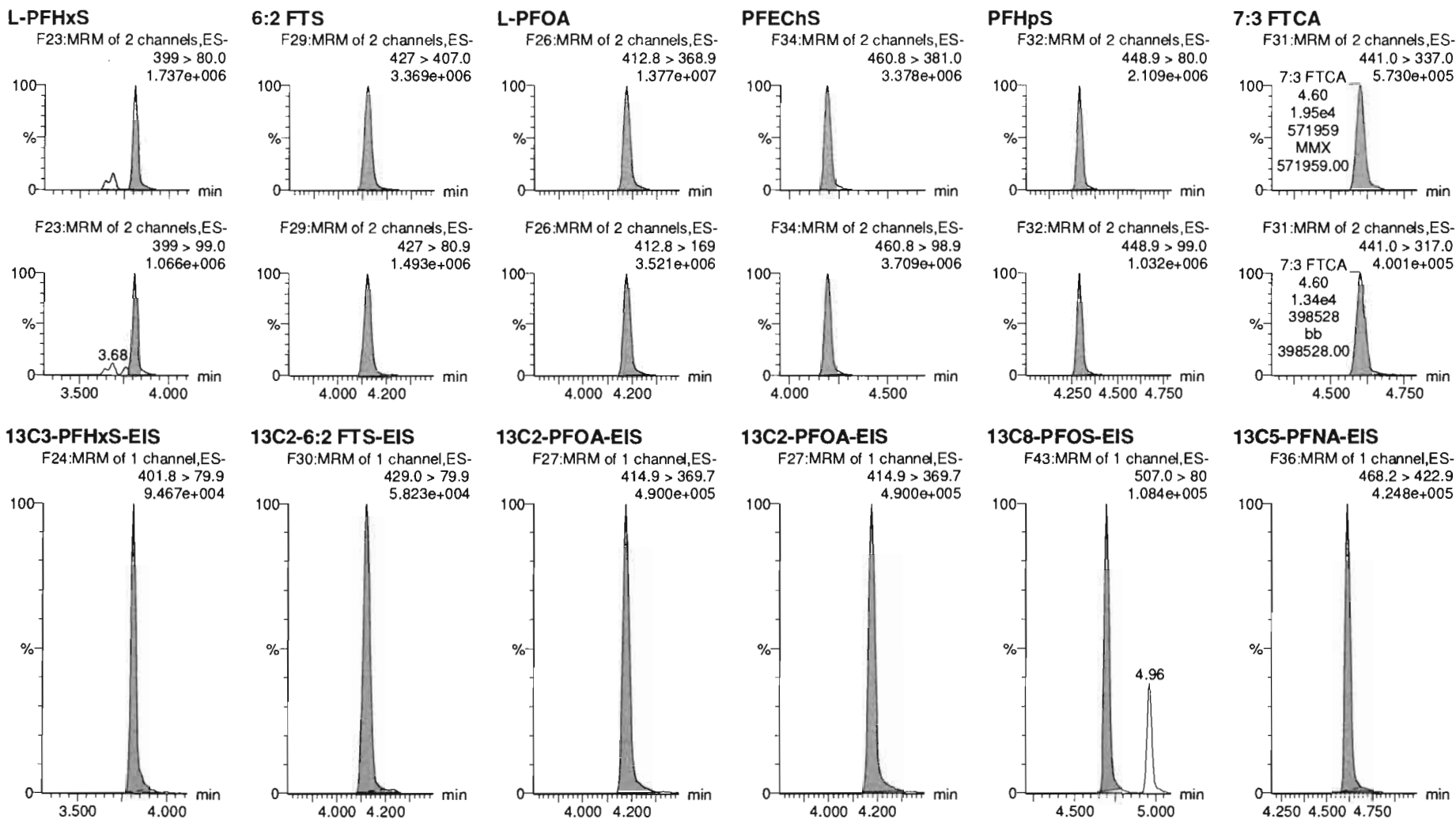


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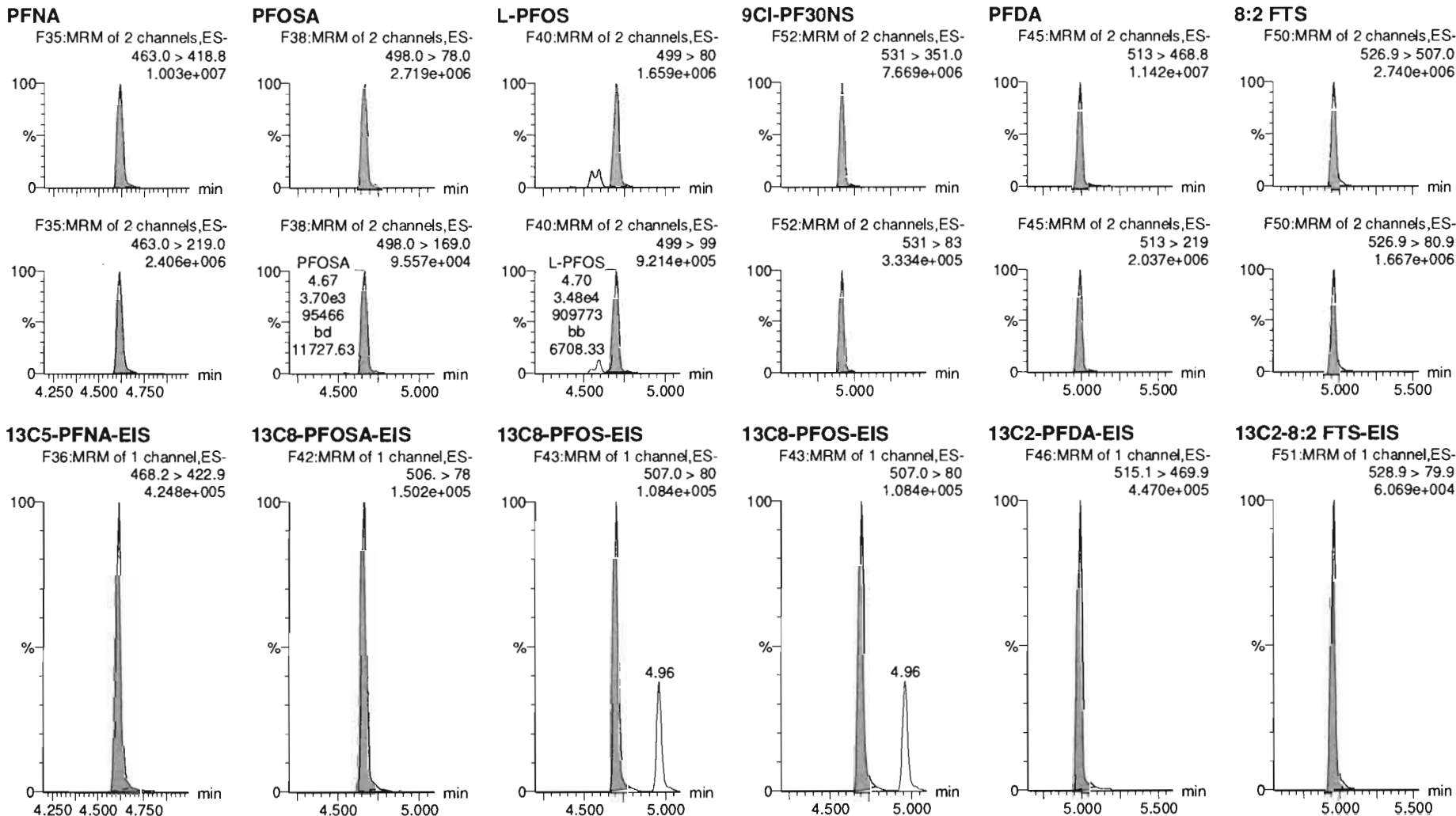


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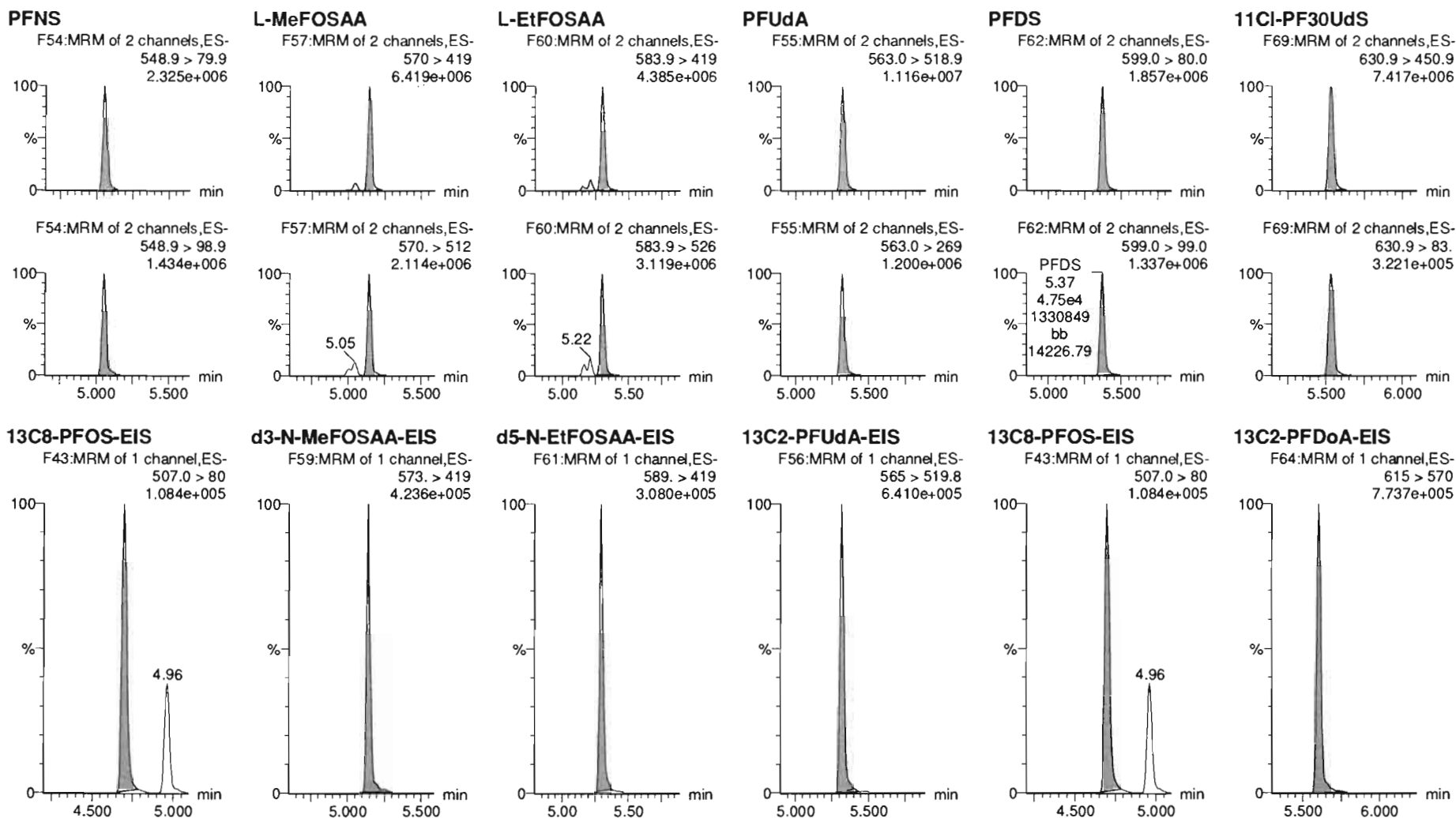


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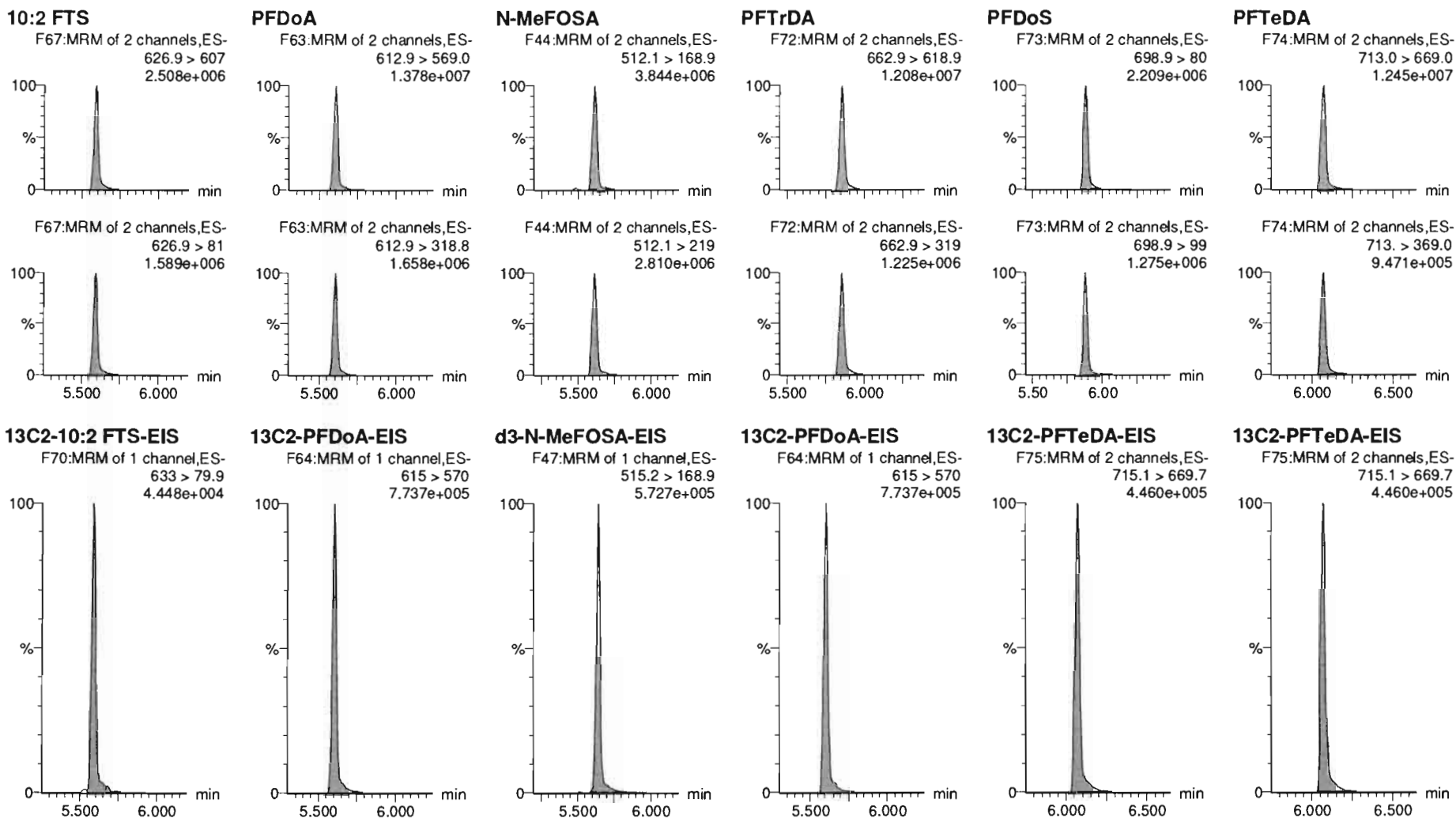


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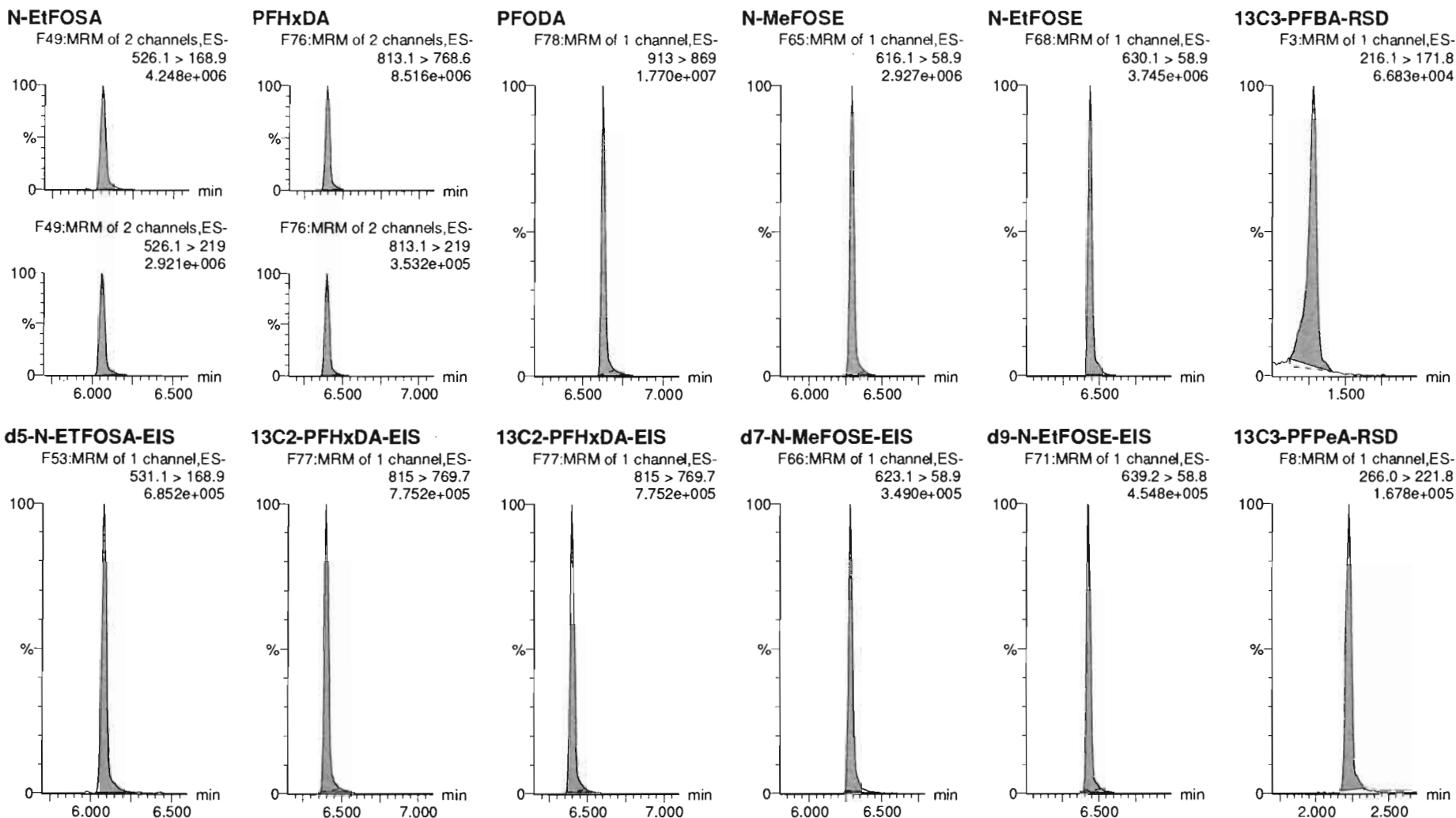


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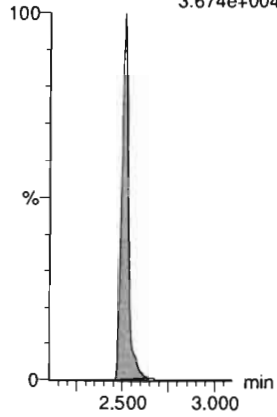
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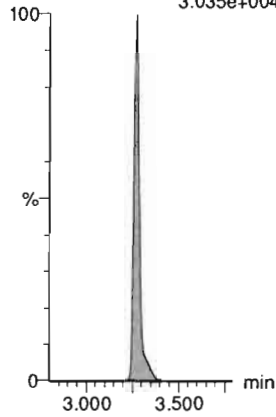
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.674e+004



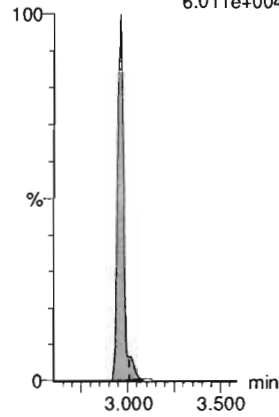
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.035e+004



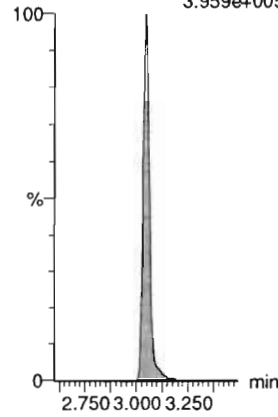
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.011e+004



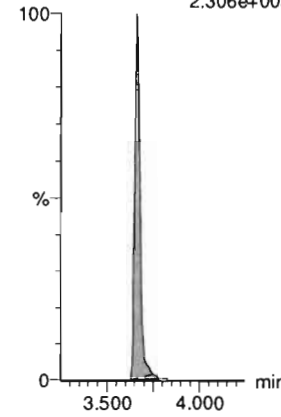
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.959e+005



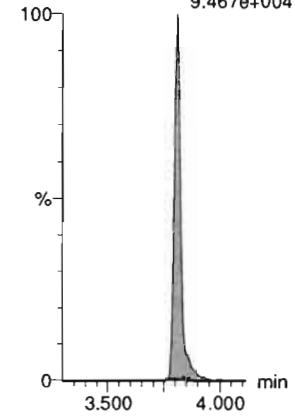
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.306e+005



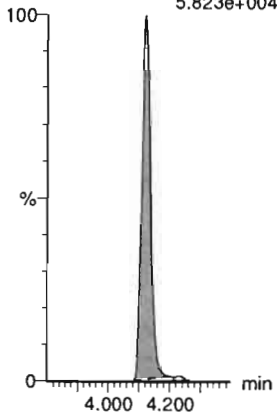
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
9.467e+004



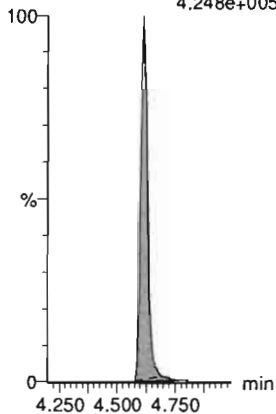
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
5.823e+004



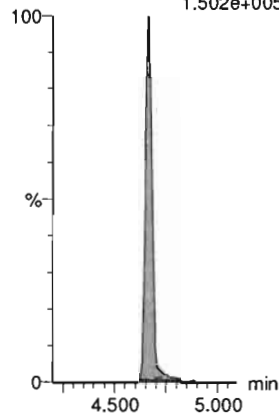
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.248e+005



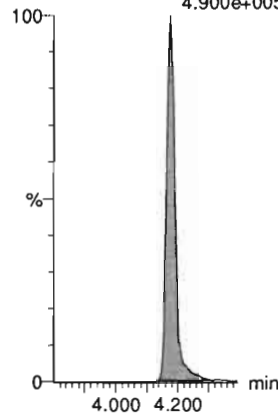
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.502e+005



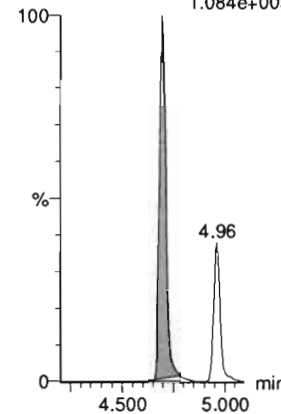
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
4.900e+005



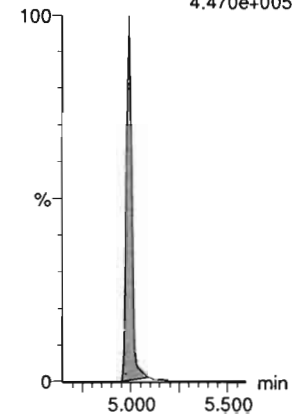
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.084e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.470e+005



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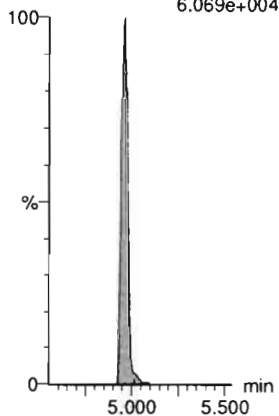
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Name: 200715M1_11, Date: 15-Jul-2020, Time: 15:01:21, ID: ST200715M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

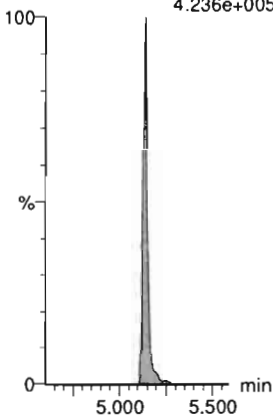
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.069e+004



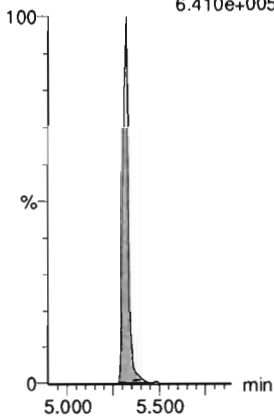
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.236e+005



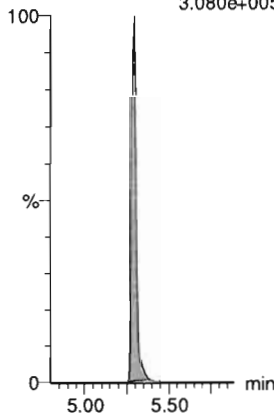
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.410e+005



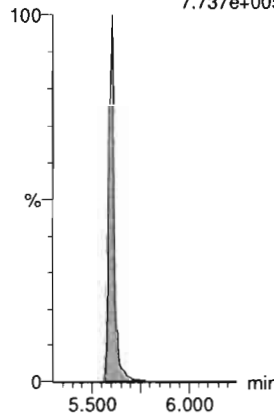
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.080e+005



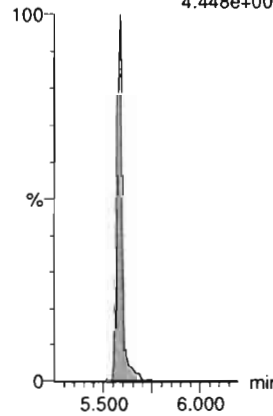
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
7.737e+005



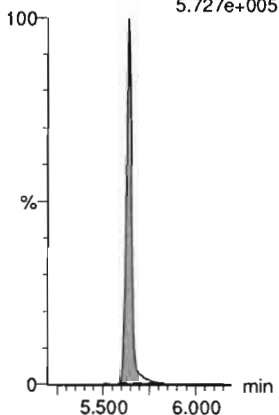
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.448e+004



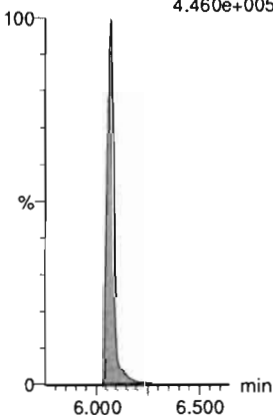
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.727e+005



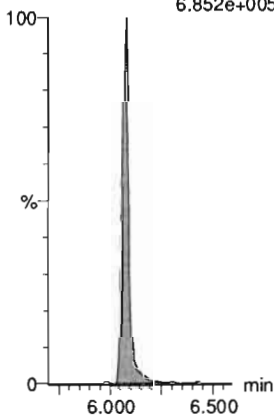
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.460e+005



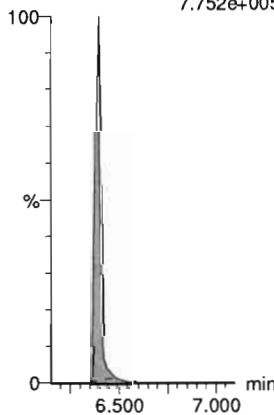
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.852e+005



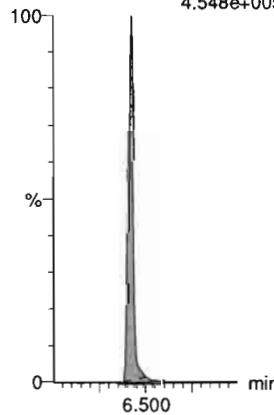
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.752e+005



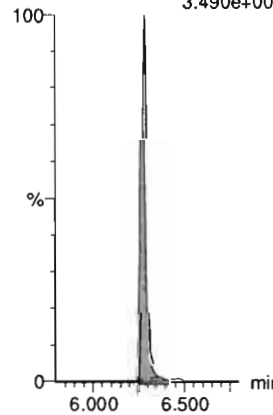
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.548e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.490e+005



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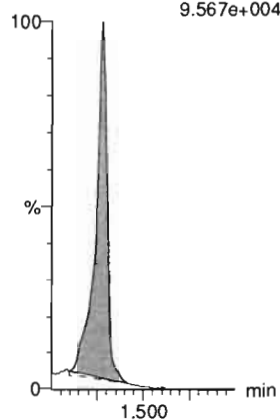
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Name: 200715M1_11, Date: 15-Jul-2020, Time: 15:01:21, ID: ST200715M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

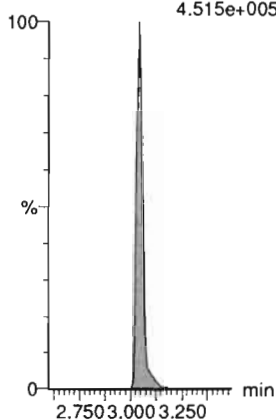
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
9.567e+004



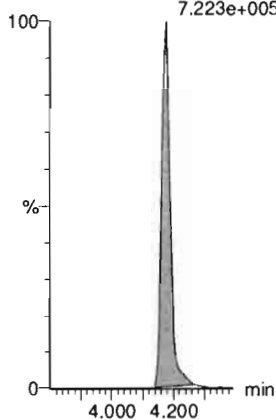
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.515e+005



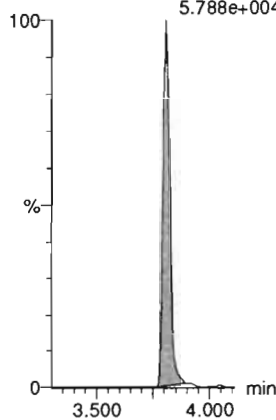
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.223e+005



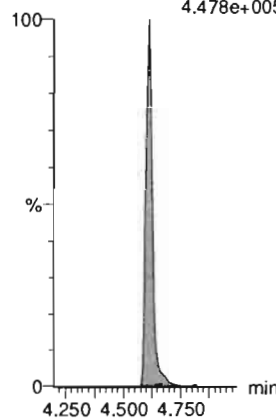
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
5.788e+004



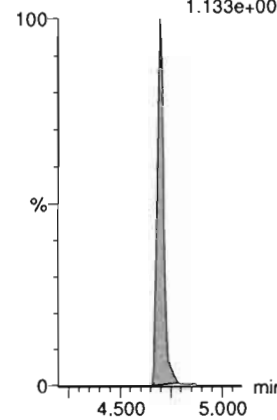
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
4.478e+005



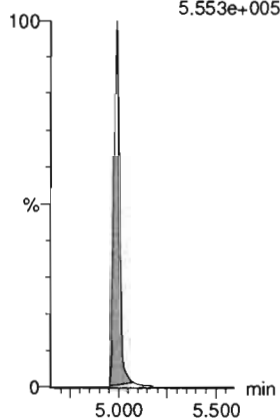
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.133e+005



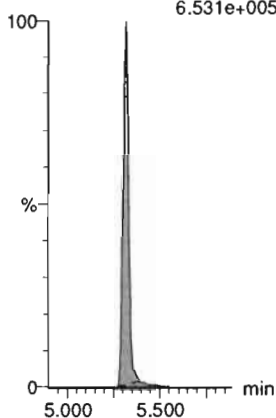
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.553e+005



13C7-PFUdA

F58:MRM of 1 channel,ES-
570.1 > 524.8
6.531e+005

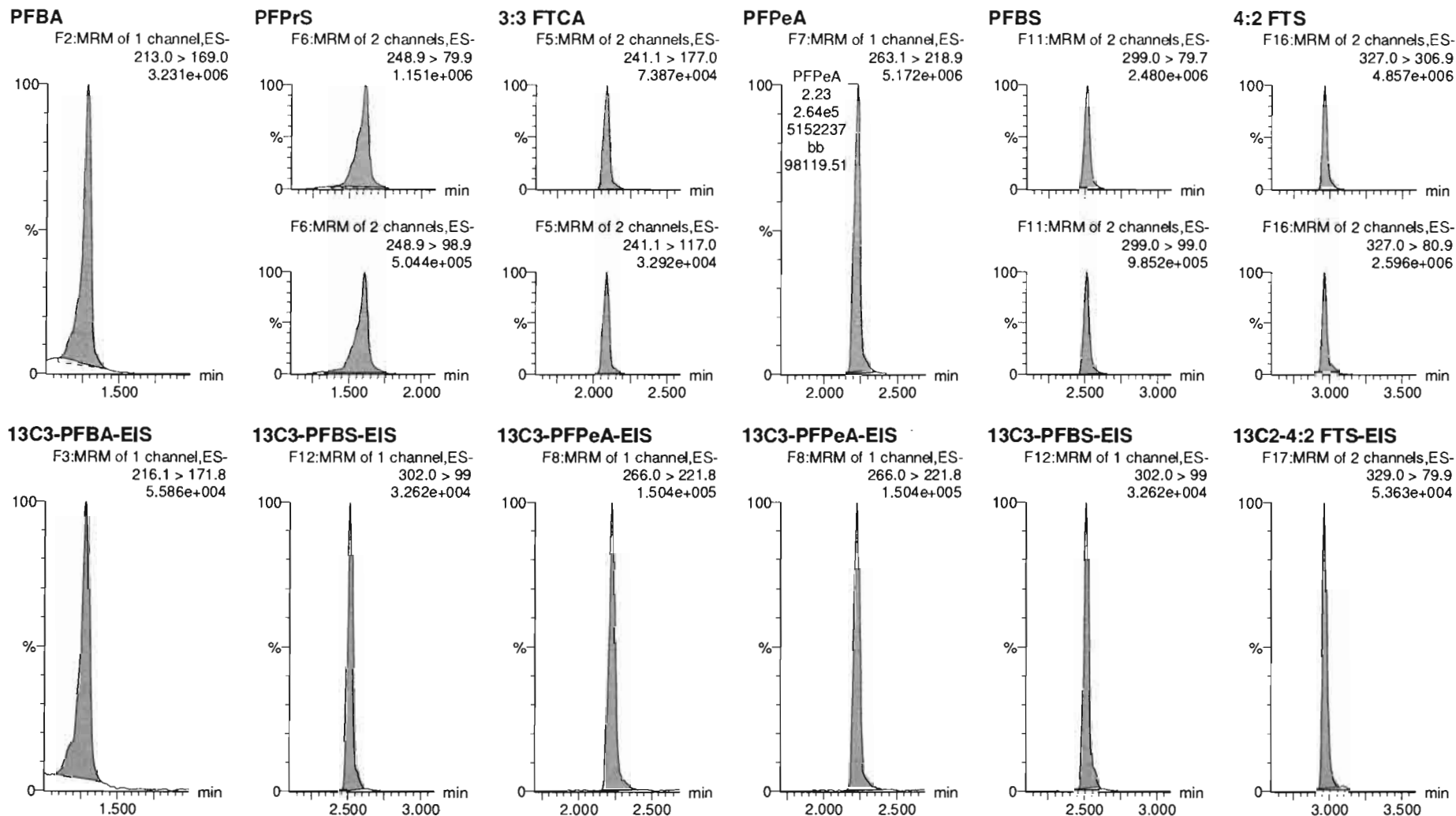


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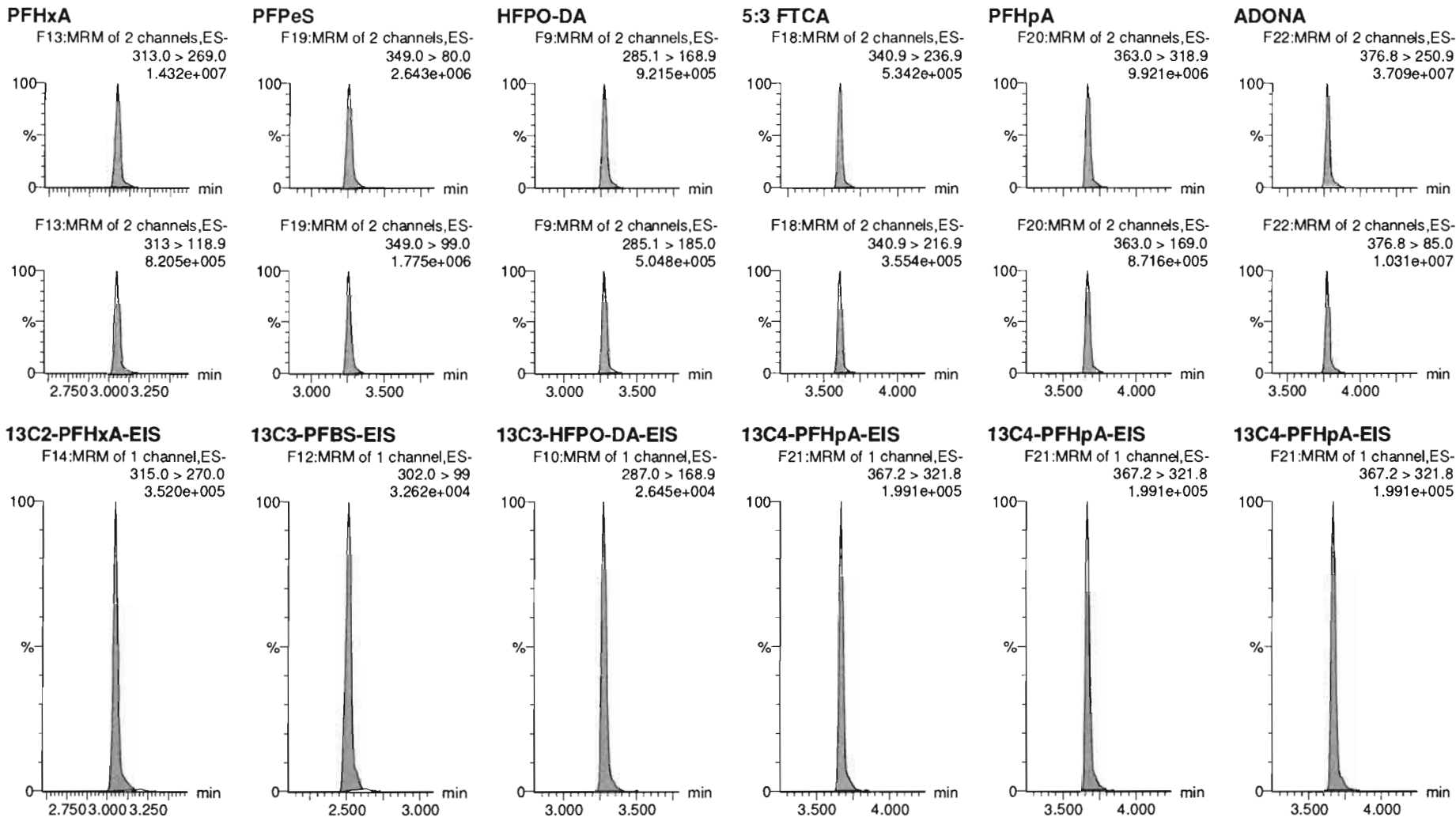


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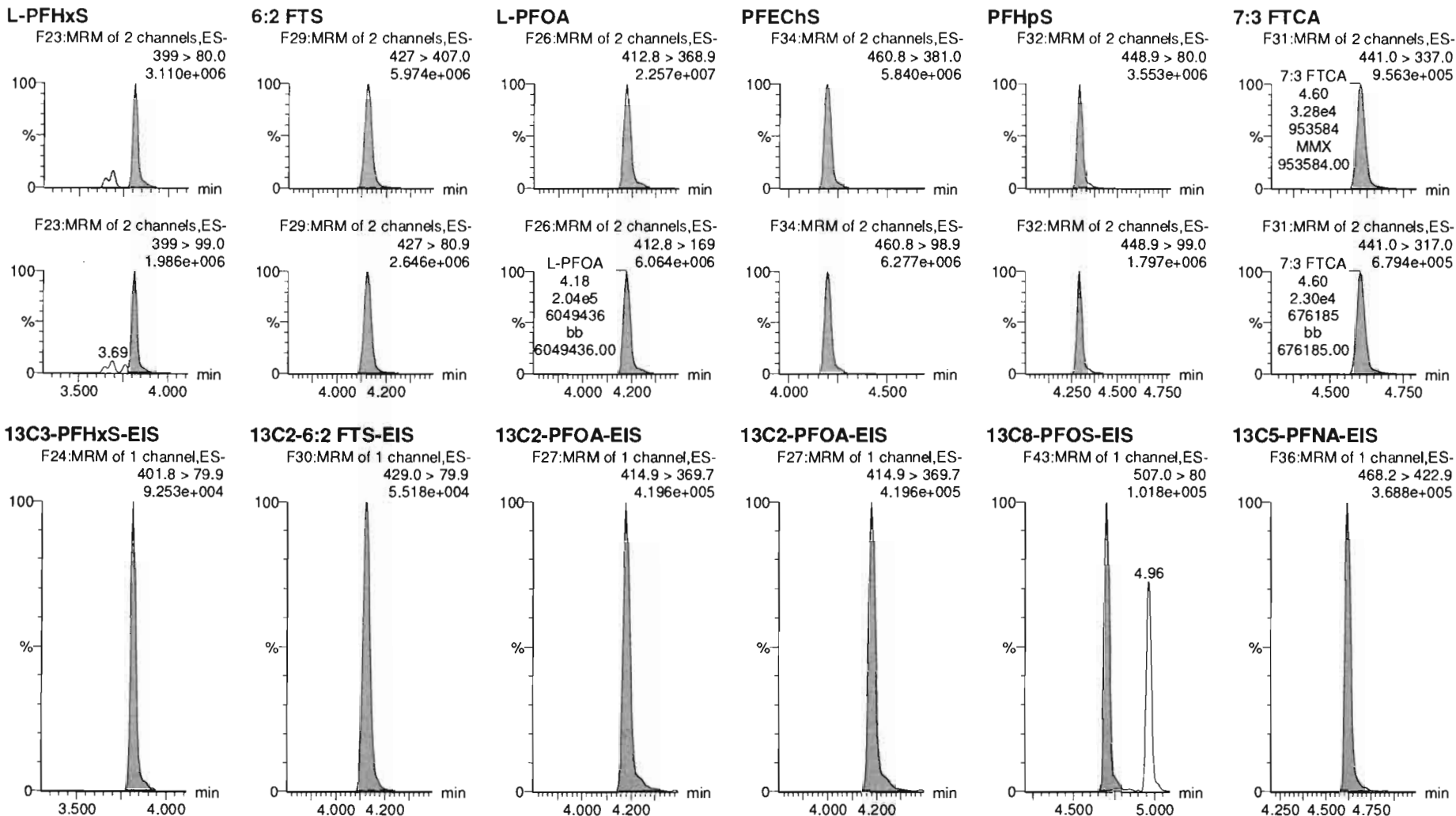


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Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

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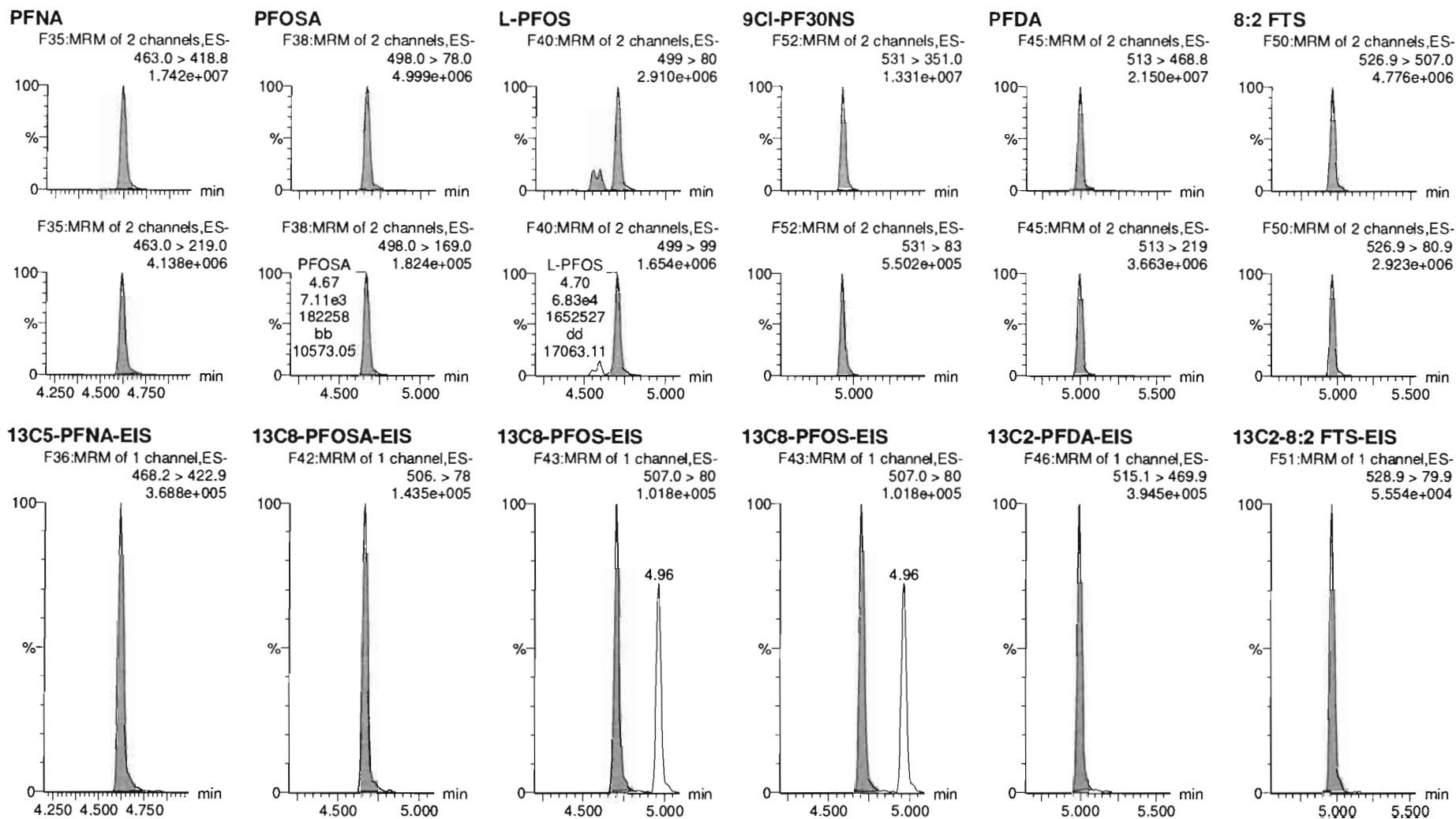


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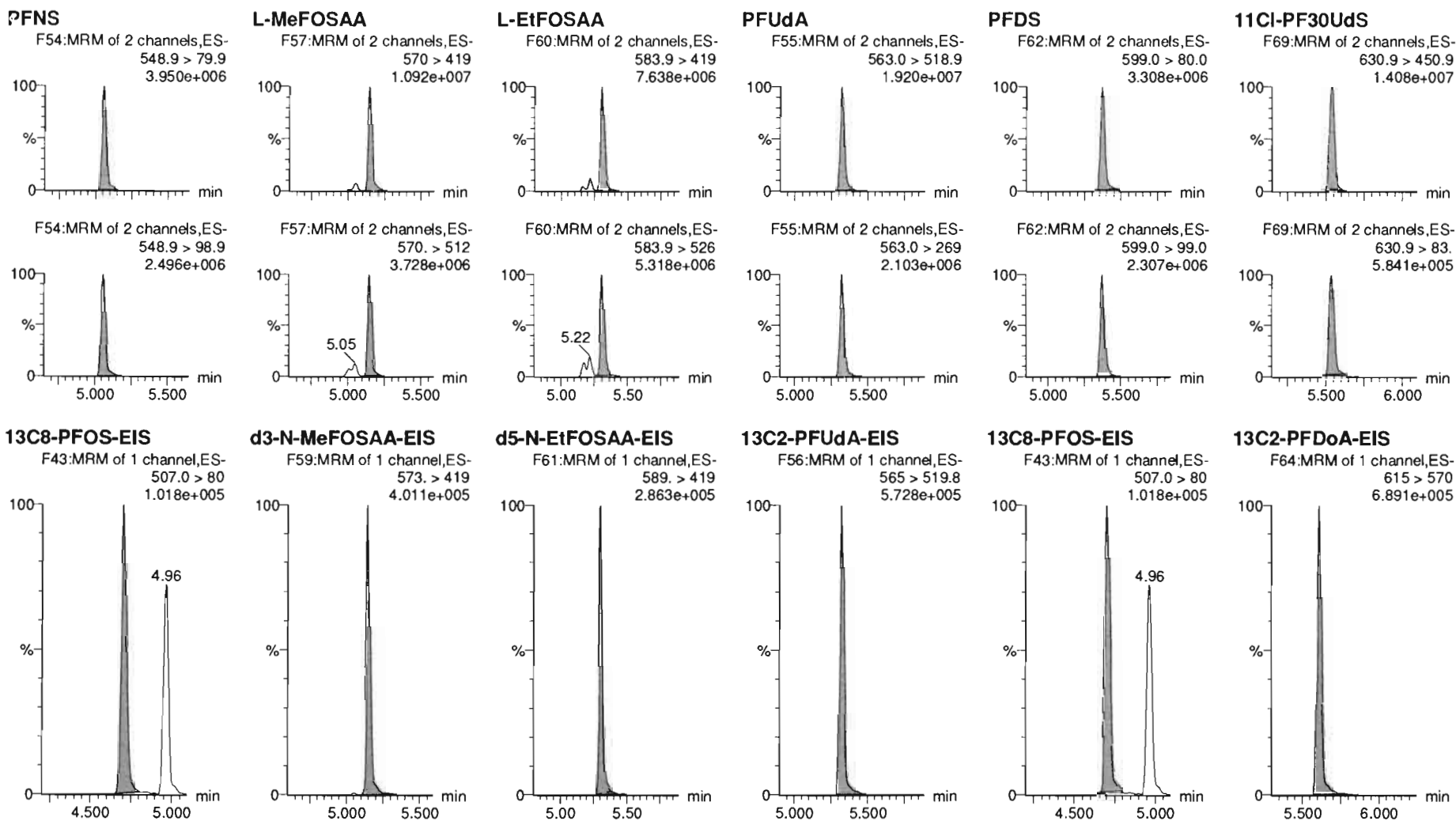


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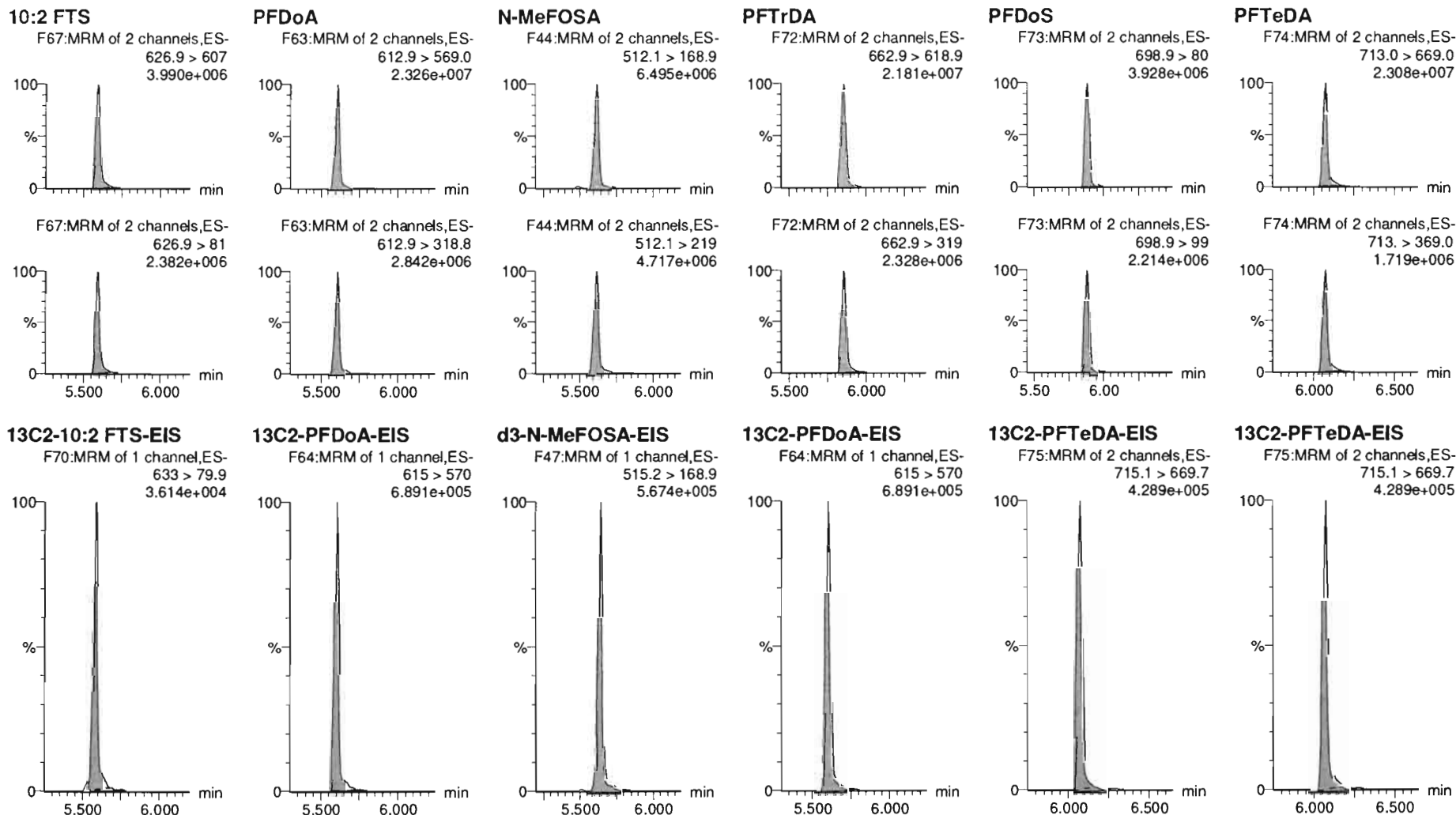


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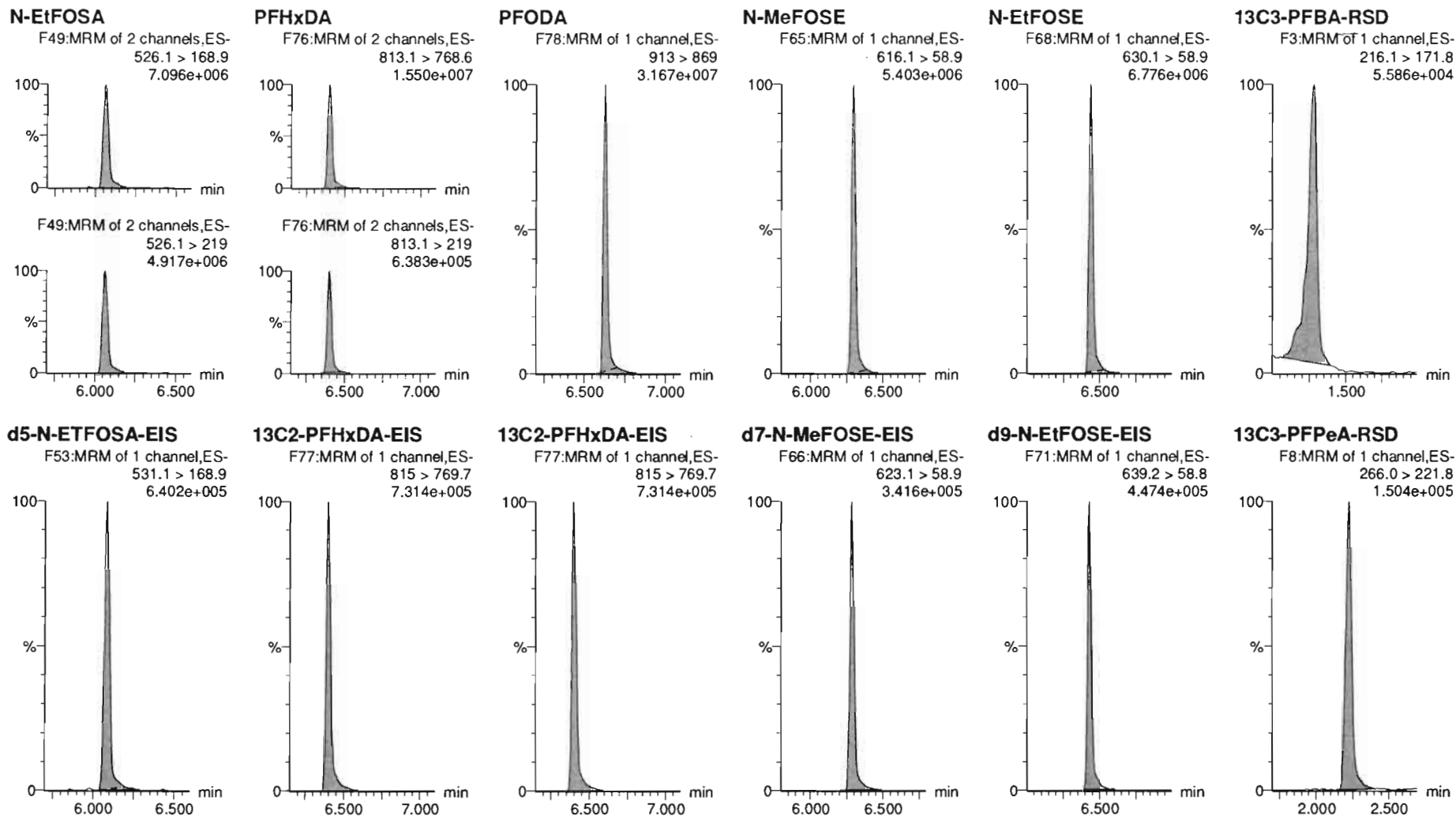


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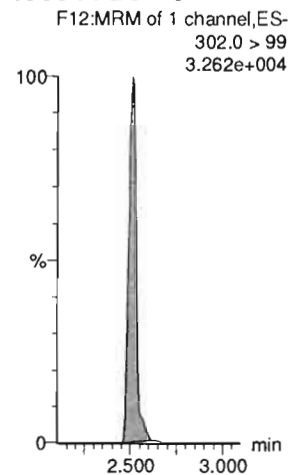
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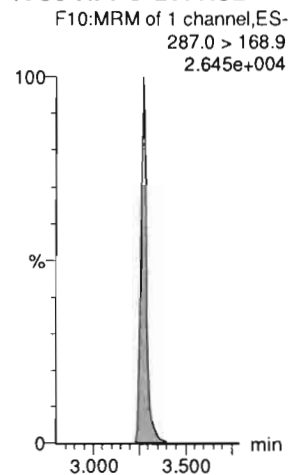
Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_12, Date: 15-Jul-2020, Time: 15:11:43, ID: ST200715M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

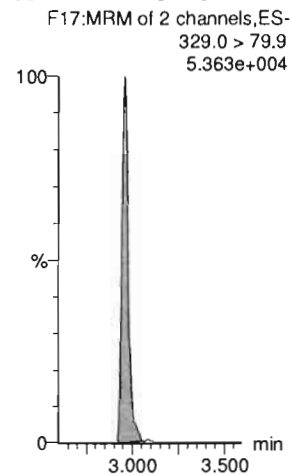
13C3-PFBS-RSD



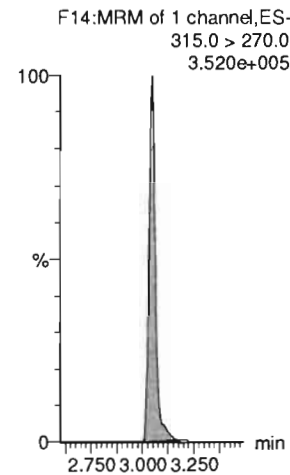
13C3-HFPO-DA-RSD



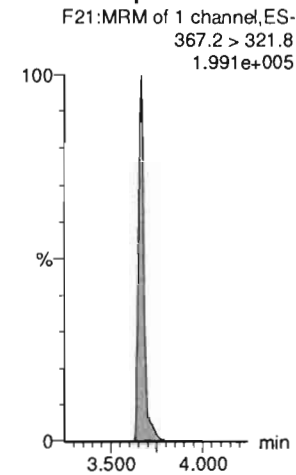
13C2-4:2 FTS-RSD



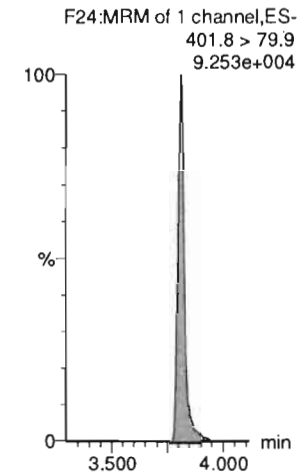
13C2-PFHxA-RSD



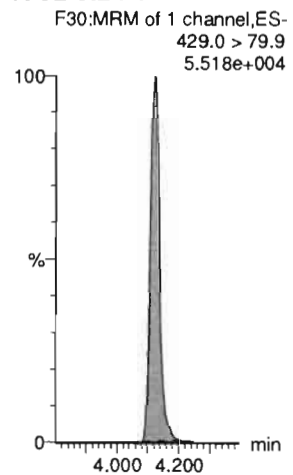
13C4-PFHpA-RSD



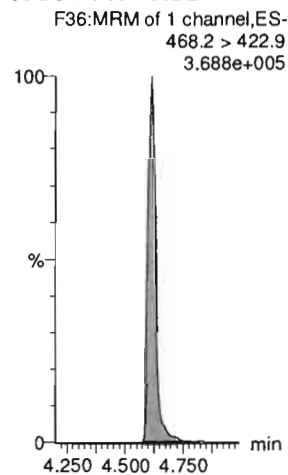
13C3-PFHxS-RSD



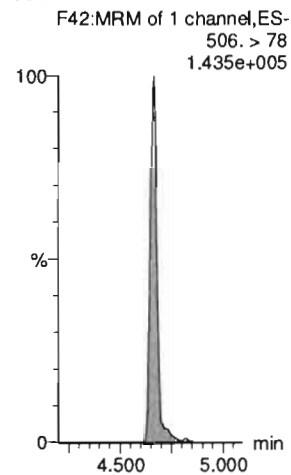
13C2-6:2 FTS-RSD



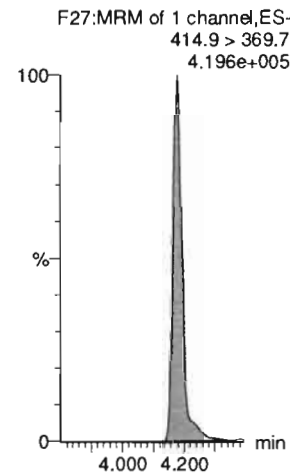
13C5-PFNA-RSD



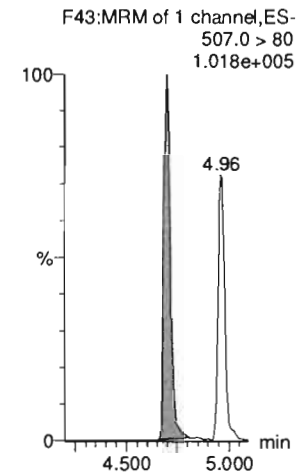
13C8-PFOA-RSD



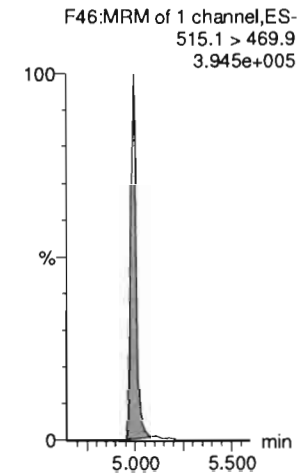
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



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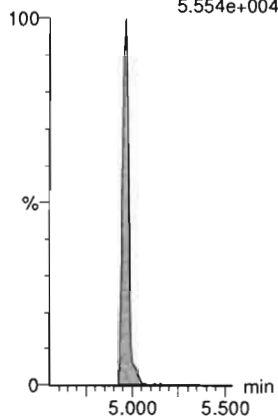
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Printed: Thursday, July 16, 2020 10:04:35 Pacific Daylight Time

Name: 200715M1_12, Date: 15-Jul-2020, Time: 15:11:43, ID: ST200715M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

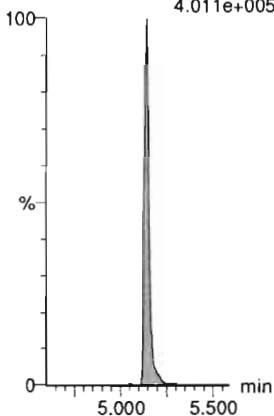
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
5.554e+004



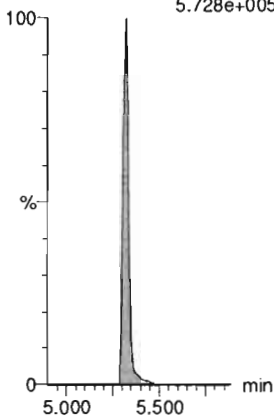
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.011e+005



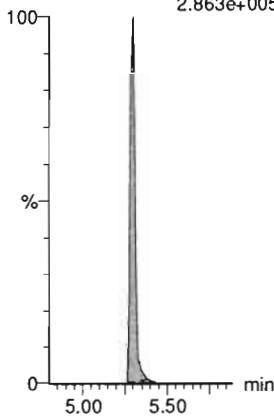
13C2-PFuDA-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
5.728e+005



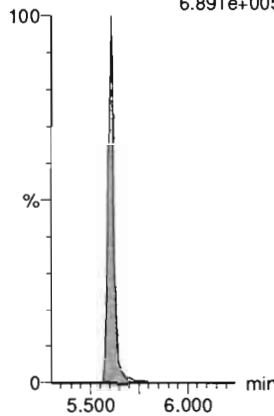
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
2.863e+005



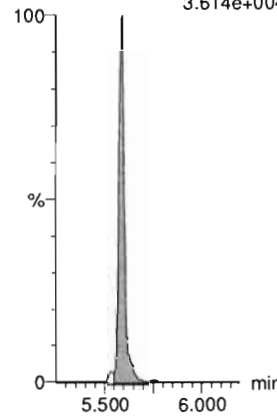
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
6.891e+005



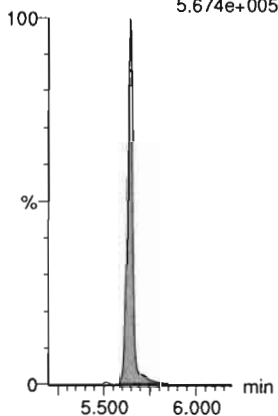
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
3.614e+004



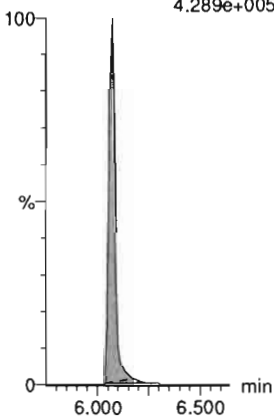
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.674e+005



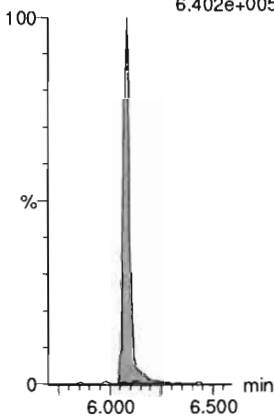
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.289e+005



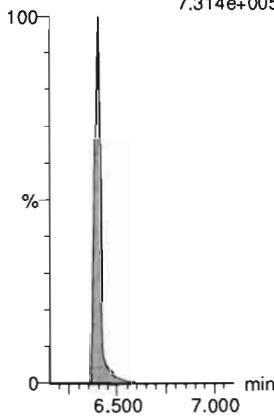
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.402e+005



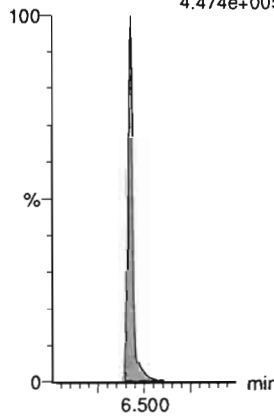
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.314e+005



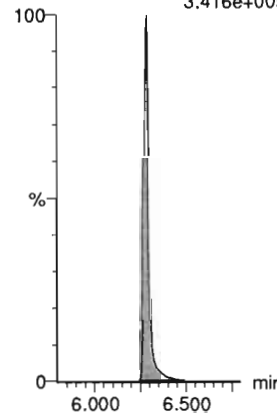
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.474e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.416e+005



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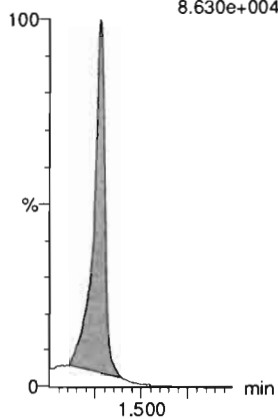
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Name: 200715M1_12, Date: 15-Jul-2020, Time: 15:11:43, ID: ST200715M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

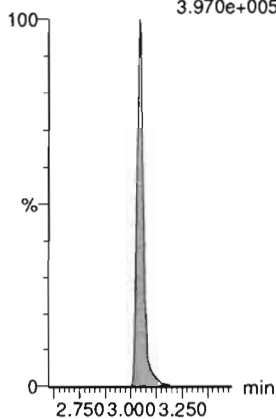
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
8.630e+004



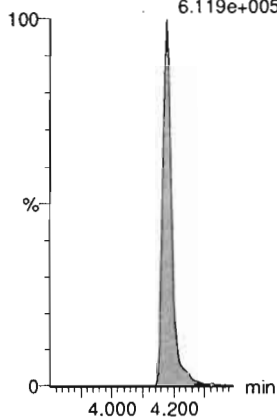
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
3.970e+005



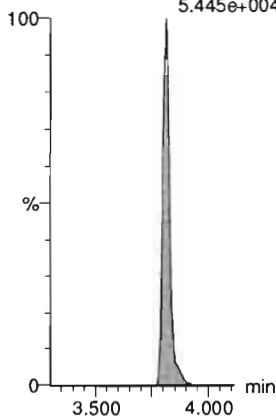
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
6.119e+005



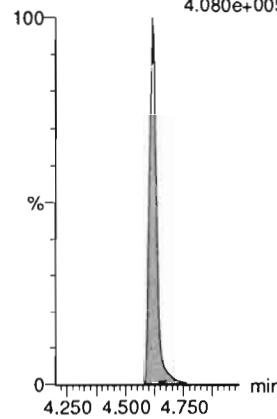
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
5.445e+004



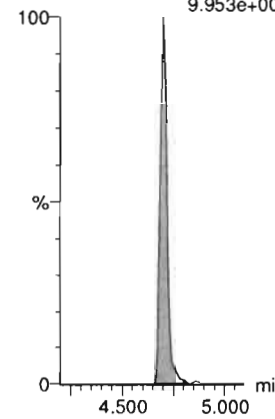
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
4.080e+005



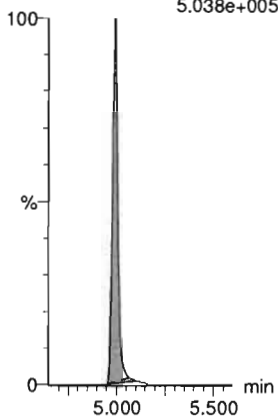
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
9.953e+004



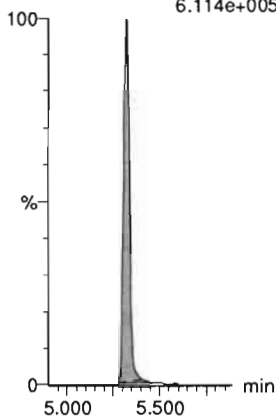
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.038e+005



13C7-PFUDA

F58:MRM of 1 channel,ES-
570.1 > 524.8
6.114e+005



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Ⓐ Not in ICV

✓ m/v 07/16/20

Name: 200715M1_14, Date: 15-Jul-2020, Time: 15:32:27, ID: ICV200715M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	3909.563	3930.742	1.00	1.29	12.433	10.000	8.89	88.9	NO		
2	2 PFPrS	248.9 > 79.9		1686.442	1.00			10.000		Ⓐ	NO		
3	3 3:3 FTCA	241.1 > 177.0		7562.477	1.00			10.000		↓	NO		
4	4 PFPeA	263.1 > 218.9	5612.391	7562.477	1.00	2.23	9.277	10.000	9.77	97.7	NO		
5	5 PFBS	299.0 > 79.7	2215.953	1686.442	1.00	2.51	16.425	8.840	8.35	94.4	NO	2.571	NO
6	6 4:2 FTS	327.0 > 306.9	5427.813	2820.209	1.00	2.96	24.058	9.360	9.26	99.0	NO	1.952	NO
7	47 13C3-PFBA-EIS	216.1 > 171.8	3930.742		1.00	1.29	3930.742	12.500	11.3	90.3	NO		
8	51 13C3-PFBS-EIS	302.0 > 99	1686.442		1.00	2.51	1686.442	12.500	12.7	101.7	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8	7562.477		1.00	2.23	7562.477	12.500	12.0	96.0	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8	7562.477		1.00	2.23	7562.477	12.500	12.0	96.0	NO		
11	51 13C3-PFBS-EIS	302.0 > 99	1686.442		1.00	2.51	1686.442	12.500	12.7	101.7	NO		
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9	2820.209		1.00	2.96	2820.209	12.500	12.5	100.2	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0	12255.870	14078.713	1.00	3.05	10.882	10.000	10.1	100.8	NO	17.138	NO
15	8 PFPeS	349.0 > 80.0	2876.720	1686.442	1.00	3.26	21.322	9.360	9.26	98.9	NO	1.875	NO
16	9 HFPO-DA	285.1 > 168.9	867.448	1068.873	1.00	3.27	10.144	10.000	11.1	111.4	NO	2.348	NO
17	10 5:3 FTCA	340.9 > 236.9		8153.567	1.00			10.000		Ⓐ	NO		
18	11 PFHpA	363.0 > 318.9	8459.452	8153.567	1.00	3.66	12.969	10.000	10.4	103.6	NO	12.631	NO
19	12 ADONA	376.8 > 250.9	29461.693	8153.567	1.00	3.78	45.167	9.440	10.2	107.9	NO	3.519	NO
20	57 13C2-PFHxA-EIS	315.0 > 270.0	14078.713		1.00	3.05	14078.713	12.500	12.3	98.8	NO		
21	51 13C3-PFBS-EIS	302.0 > 99	1686.442		1.00	2.51	1686.442	12.500	12.7	101.7	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	1068.873		1.00	3.27	1068.873	12.500	11.2	89.4	NO		
23	59 13C4-PFHpA-EIS	367.2 > 321.8	8153.567		1.00	3.66	8153.567	12.500	12.0	96.2	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8	8153.567		1.00	3.66	8153.567	12.500	12.0	96.2	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8	8153.567		1.00	3.66	8153.567	12.500	12.0	96.2	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0	2774.312	3439.999	1.00	3.81	10.081	9.120	9.36	102.6	NO	1.659	NO
28	15 6:2 FTS	427 > 407.0	5748.752	2385.853	1.00	4.12	30.119	9.480	9.53	100.5	NO	2.282	NO
29	16 L-PFOA	412.8 > 368.9	19575.660	17074.268	1.00	4.18	14.331	10.000	9.51	95.1	NO	3.963	NO
30	18 PFecHS	460.8 > 381.0		17074.268	1.00			10.000		Ⓐ	NO		
31	19 PFHpS	448.9 > 80.0	3000.345	4286.676	1.00	4.29	8.749	9.520	9.81	103.1	NO	1.995	NO
32	20 7:3 FTCA	441.0 > 337.0		17073.355	1.00			10.000		Ⓐ	NO		
33	61 13C3-PFHxS-EIS	401.8 > 79.9	3439.999		1.00	3.81	3439.999	12.500	11.5	91.7	NO		
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9	2385.853		1.00	4.12	2385.853	12.500	13.3	106.6	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7	17074.268		1.00	4.18	17074.268	12.500	12.4	99.0	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7	17074.268		1.00	4.18	17074.268	12.500	12.4	99.0	NO		

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Name: 200715M1_14, Date: 15-Jul-2020, Time: 15:32:27, ID: ICV200715M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	4286.676		1.00	4.70	4286.676	12.500	13.2	105.4	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	17073.355		1.00	4.62	17073.355	12.500	12.6	100.6	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	16119.407	17073.355	1.00	4.62	11.802	10.000	9.69	96.9	NO	4.278	NO
41	22 PFOSA	498.0 > 78.0	4232.018	5508.590	1.00	4.67	9.603	10.000	9.54	95.4	NO	26.145	NO
42	23 L-PFOS	499 > 80	3218.162	4286.676	1.00	4.70	9.384	9.280	9.13	98.3	NO	2.016	NO
43	25 9CI-PF30NS	531 > 351.0	10732.148	4286.676	1.00	4.92	31.295	9.320	8.46	90.7	NO	21.538	NO
44	26 PFDA	513 > 468.8	19056.359	15782.861	1.00	4.99	15.093	10.000	10.6	106.4	NO	5.830	NO
45	27 8:2 FTS	526.9 > 507.0	5017.472	2224.392	1.00	4.96	28.196	9.600	11.3	117.7	NO	1.854	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	17073.355		1.00	4.62	17073.355	12.500	12.6	100.6	NO		
47	67 13C8-PFOSA-EIS	506. > 78	5508.590		1.00	4.66	5508.590	12.500	11.4	90.8	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	4286.676		1.00	4.70	4286.676	12.500	13.2	105.4	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	4286.676		1.00	4.70	4286.676	12.500	13.2	105.4	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	15782.861		1.00	4.99	15782.861	12.500	12.2	97.3	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2224.392		1.00	4.96	2224.392	12.500	11.3	90.8	NO		
52	-1												
53	28 PFNS	548.9 > 79.9	3334.525	4286.676	1.00	5.06	9.724	9.600	9.22	96.0	NO	1.641	NO
54	29 L-MeFOSAA	570 > 419	9429.042	12400.410	1.00	5.15	9.505	10.000	10.5	105.4	NO	2.772	NO
55	31 L-EtFOSAA	583.9 > 419	7839.589	11928.582	1.00	5.31	8.215	10.000	9.05	90.5	NO	1.273	NO
56	33 PFUdA	563.0 > 518.9	17115.752	22555.596	1.00	5.32	9.485	10.000	9.86	98.6	NO	9.356	NO
57	34 PFDS	599.0 > 80.0	2703.674	4286.676	1.00	5.37	7.884	9.640	9.09	94.3	NO	1.418	NO
58	35 11CI-PF30UdS	630.9 > 450.9	11490.037	28811.928	1.00	5.53	4.985	9.440	9.29	98.4	NO	24.129	NO
59	73 13C8-PFOS-EIS	507.0 > 80	4286.676		1.00	4.70	4286.676	12.500	13.2	105.4	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	12400.410		1.00	5.14	12400.410	12.500	12.1	96.5	NO		
61	83 d5-N-EtFOSAA-EIS	589. > 419	11928.582		1.00	5.30	11928.582	12.500	11.9	95.2	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	22555.596		1.00	5.32	22555.596	12.500	11.4	91.0	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	4286.676		1.00	4.70	4286.676	12.500	13.2	105.4	NO		
64	85 13C2-PFDoA-EIS	615 > 570	28811.928		1.00	5.61	28811.928	12.500	12.1	97.0	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607		1795.878	1.00			10.000			NO		
67	37 PFDoA	612.9 > 569.0	21443.137	28811.928	1.00	5.60	9.303	10.000	9.77	97.7	NO	8.741	NO
68	38 N-MeFOSA	512.1 > 168.9		18630.451	1.00			9.600			NO		
69	39 PFTrDA	662.9 > 618.9	19989.748	28811.928	1.00	5.86	8.673	10.000	9.82	98.2	NO	9.795	NO
70	40 PFDoS	698.9 > 80		17766.521	1.00			10.000			NO		
71	41 PFTeDA	713.0 > 669.0	22412.520	17766.521	1.00	6.07	15.769	10.000	10.4	103.9	NO	13.939	NO
72	87 13C2-10:2 FTS-EIS	633 > 79.9	1795.878		1.00	5.59	1795.878	12.500	11.7	93.8	NO		

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Name: 200715M1_14, Date: 15-Jul-2020, Time: 15:32:27, ID: ICV200715M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFDoA-EIS	615 > 570	28811.928		1.00	5.61	28811.928	12.500	12.1	97.0	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	18630.451		1.00	5.64	18630.451	149.200	143	95.6	NO		
75	85 13C2-PFDoA-EIS	615 > 570	28811.928		1.00	5.61	28811.928	12.500	12.1	97.0	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	17766.521		1.00	6.07	17766.521	12.500	11.7	93.4	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	17766.521		1.00	6.07	17766.521	12.500	11.7	93.4	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9		27019.105	1.00			9.600			NO		
80	43 PFHxDA	813.1 > 768.6		27213.371	1.00			10.000			NO		
81	44 PFODA	913 > 869		27213.371	1.00			10.000			NO		
82	45 N-MeFOSE	616.1 > 58.9		11989.898	1.00			9.600			NO		
83	46 N-EtFOSE	630.1 > 58.9		13458.873	1.00			9.600			NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	3930.742	5427.280	1.00	1.29	9.053	12.500	13.1	104.8	NO		
85	93 d5-N-ETFOSA-EIS	531.1 > 168.9	27019.105		1.00	6.08	27019.105	149.200	142	95.2	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	27213.371		1.00	6.40	27213.371	12.500	12.5	99.7	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	27213.371		1.00	6.40	27213.371	12.500	12.5	99.7	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	11989.898		1.00	6.28	11989.898	149.200	137	91.6	NO		
89	99 d9-N-EtFOSE-EIS	639.2 > 58.8	13458.873		1.00	6.43	13458.873	149.200	147	98.8	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8	7562.477	16122.232	1.00	2.23	5.863	12.500	12.5	100.0	NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99	1686.442	2151.892	1.00	2.51	9.796	12.500	12.7	102.0	NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9	1068.873	16122.232	1.00	3.27	0.829	12.500	11.7	93.8	NO		
94	56 13C2-4:2 FTS-RSD	329.0 > 79.9	2820.424	2151.892	1.00	2.96	16.383	12.500	13.3	106.6	NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0	14081.651	16122.232	1.00	3.05	10.918	12.500	12.7	101.6	NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8	8146.961	16122.232	1.00	3.66	6.317	12.500	12.6	100.9	NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9	3439.999	2151.892	1.00	3.81	19.982	12.500	11.3	90.3	NO		
98	64 13C2-6:2 FTS-RSD	429.0 > 79.9	2385.853	4559.549	1.00	4.12	6.541	12.500	12.3	98.5	NO		
99	66 13C5-PFNA-RSD	468.2 > 422.9	17141.604	17055.709	1.00	4.62	12.563	12.500	13.3	106.6	NO		
100	68 13C8-PFOSA-RSD	506. > 78	5516.684	28506.020	1.00	4.66	2.419	12.500	10.8	86.1	NO		
101	70 13C2-PFOA-RSD	414.9 > 369.7	17056.189	24239.377	1.00	4.18	8.796	12.500	12.6	101.2	NO		
102	74 13C8-PFOS-RSD	507.0 > 80	4286.676	4559.549	1.00	4.70	11.752	12.500	11.8	94.6	NO		
103	76 13C2-PFDA-RSD	515.1 > 469.9	15782.861	21635.947	1.00	4.99	9.118	12.500	11.6	93.2	NO		
104	-1												
105	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2224.392	4559.549	1.00	4.96	6.098	12.500	10.5	84.2	NO		
106	80 d3-N-MeFOSAA-RSD	573. > 419	12400.410	28506.020	1.00	5.14	5.438	12.500	10.7	85.7	NO		
107	82 13C2-PFUDa-RSD	565 > 519.8	22555.596	28506.020	1.00	5.32	9.891	12.500	11.1	88.9	NO		
108	84 d5-N-EtFOSAA-RSD	589. > 419	11928.582	28506.020	1.00	5.30	5.231	12.500	11.8	94.2	NO		



Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-ICV.qld

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Name: 200715M1_14, Date: 15-Jul-2020, Time: 15:32:27, ID: ICV200715M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86 13C2-PFDoA-RSD	615 > 570	28814.699	21635.947	1.00	5.61	16.647	12.500	12.2	97.4	NO		
110	88 13C2-10:2 FTS-RSD	633 > 79.9	1796.115	4559.549	1.00	5.59	4.924	12.500	12.0	96.0	NO		
111	90 d3-N-MeFOSA-RSD	515.2 > 168.9	18637.590	28506.020	1.00	5.64	8.173	149.200	129	86.7	NO		
112	92 13C2-PFTeDA-RSD	715.1 > 669.7	17791.949	28506.020	1.00	6.07	7.802	12.500	11.0	88.3	NO		
113	94 d5-N-ETFOSA-RSD	531.1 > 168.9	27006.045	28506.020	1.00	6.08	11.842	149.200	134	89.9	NO		
114	96 13C2-PFHxDA-RSD	815 > 769.7	27213.371	28506.020	1.00	6.40	11.933	12.500	11.0	88.1	NO		
115	98 d7-N-MeFOSE-RSD	623.1 > 58.9	11872.033	28506.020	1.00	6.28	5.206	149.200	128	86.1	NO		
116	1... d9-N-EtFOSE-RSD	639.2 > 58.8	13449.028	28506.020	1.00	6.43	5.897	149.200	130	86.8	NO		
117	-1												
118	1... 13C4-PFBA	217.0 > 172.0	5427.280	5427.280	1.00	1.28	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9	16122.232	16122.232	1.00	3.05	12.500	12.500	12.5	100.0	NO		
120	1... 13C8-PFOA	420.9 > 376.0	24239.377	24239.377	1.00	4.18	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0	2151.892	2151.892	1.00	3.81	12.500	12.500	12.5	100.0	NO		
122	1... 13C9-PFNA	472.2 > 426.9	17055.709	17055.709	1.00	4.62	12.500	12.500	12.5	100.0	NO		
123	1... 13C4-PFOS	503 > 80.0	4559.549	4559.549	1.00	4.70	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7	21635.947	21635.947	1.00	4.99	12.500	12.500	12.5	100.0	NO		
125	1... 13C7-PFUdA	570.1 > 524.8	28506.020	28506.020	1.00	5.32	12.500	12.500	12.5	100.0	NO		

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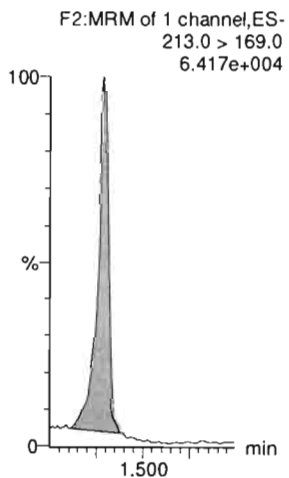
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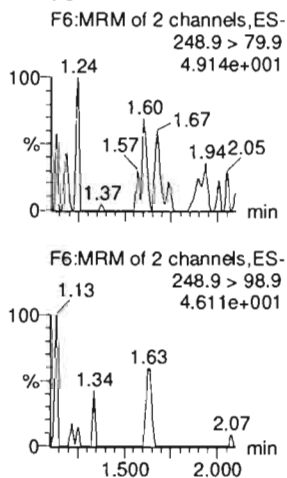
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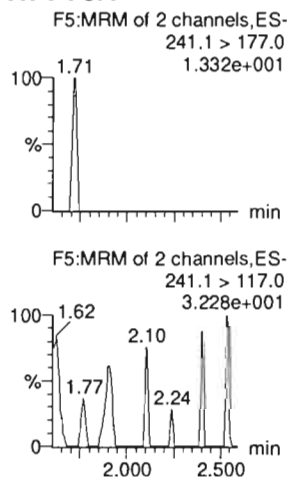
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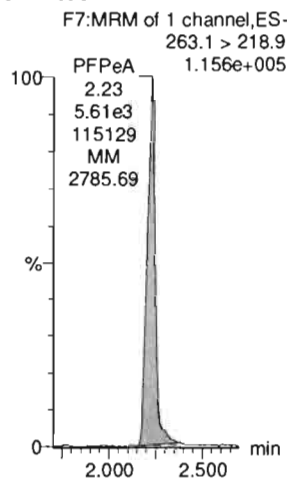
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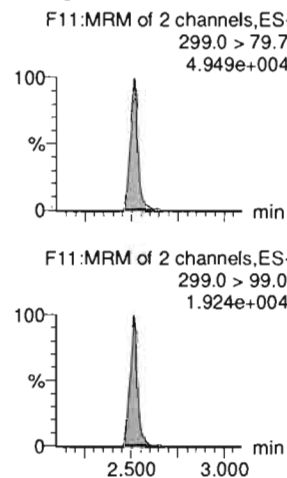
3:3 FTCA



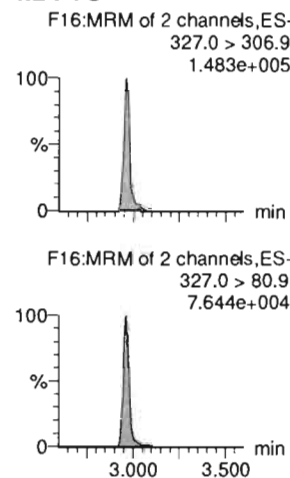
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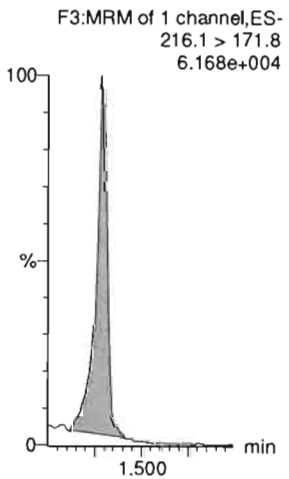
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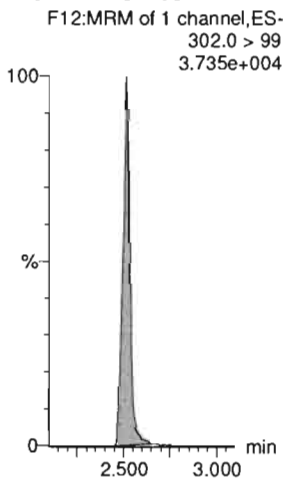
4:2 FTS



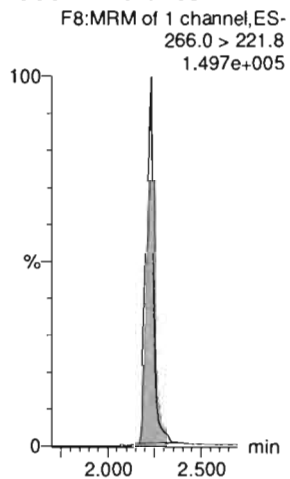
13C3-PFBA-EIS



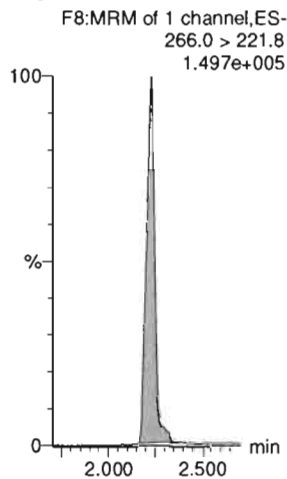
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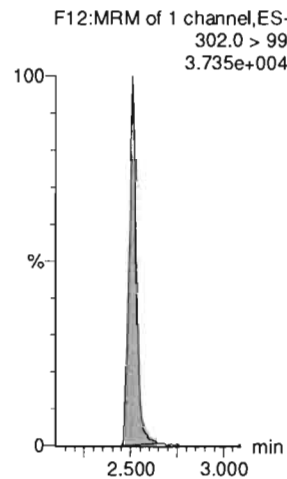
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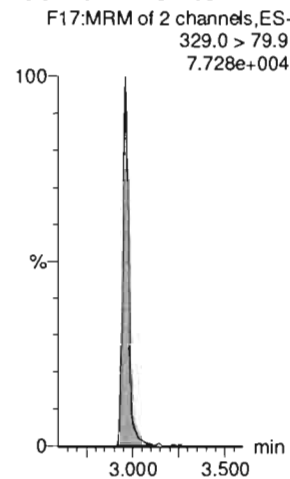
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13C3-PFBS-EIS



13C2-4:2 FTS-EIS



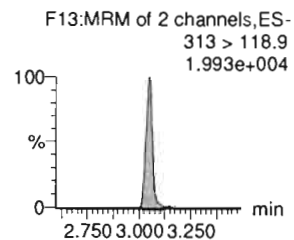
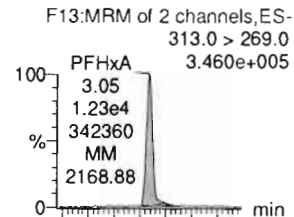
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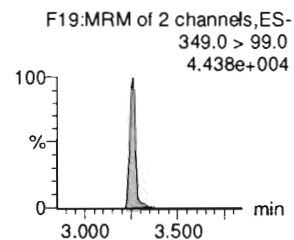
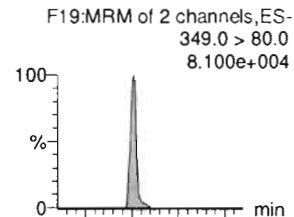
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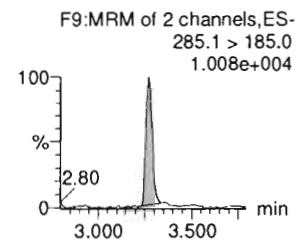
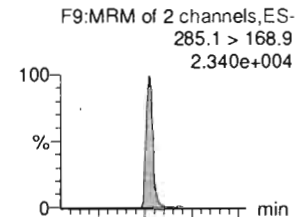
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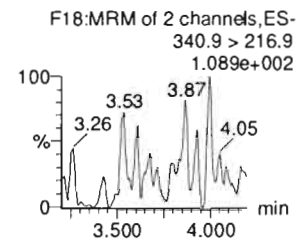
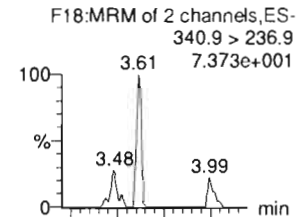
PFPeS



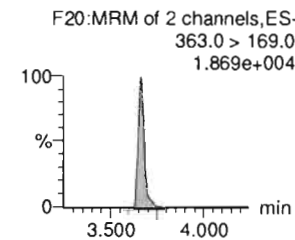
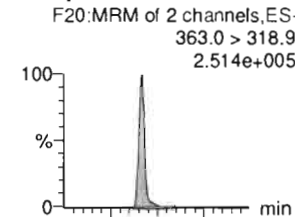
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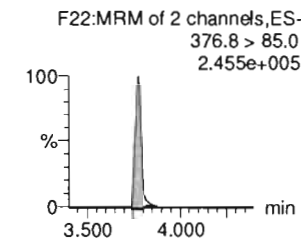
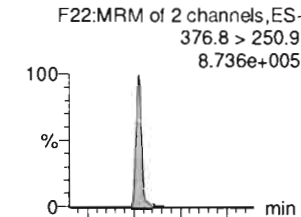
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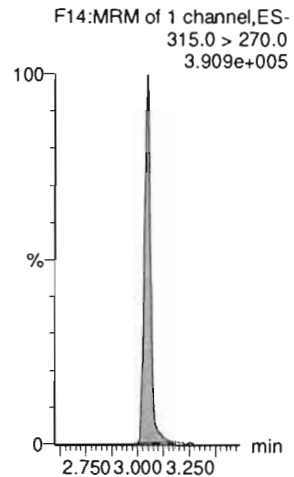
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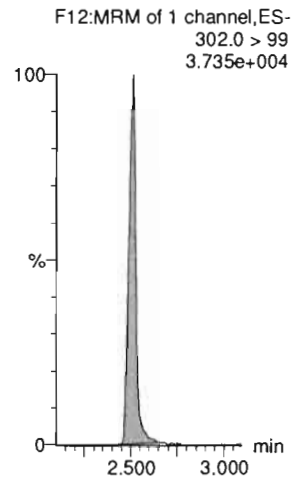
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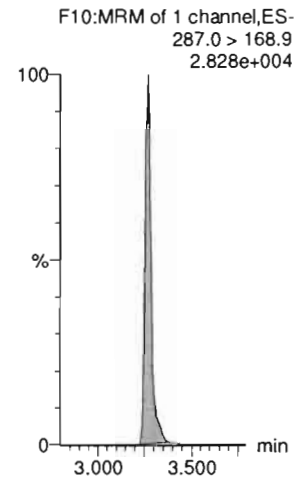
13C2-PFHxA-EIS



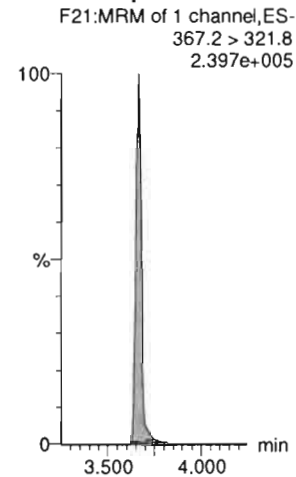
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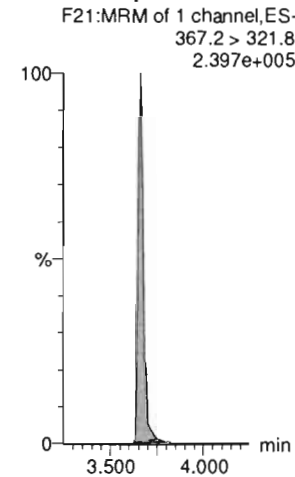
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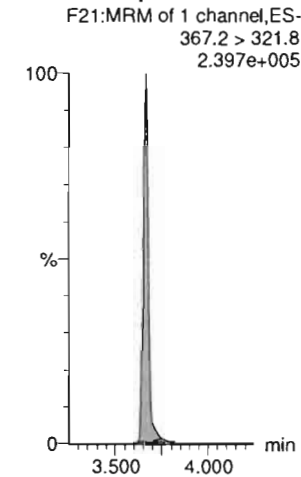
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

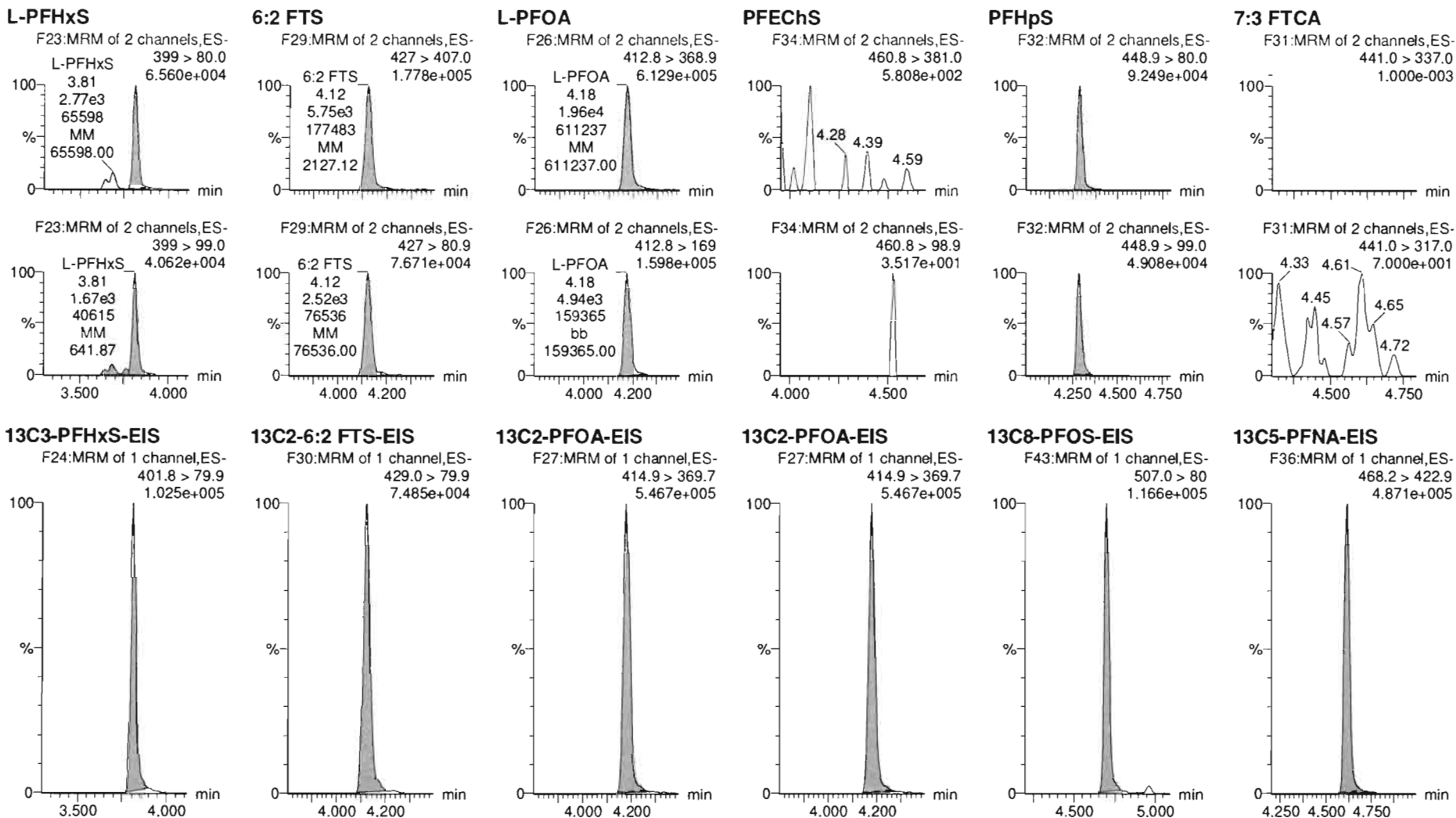


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Name: 200715M1_14, Date: 15-Jul-2020, Time: 15:32:27, ID: ICV200715M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911



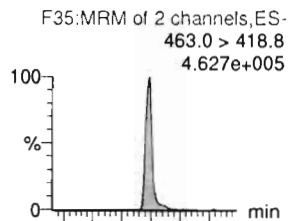
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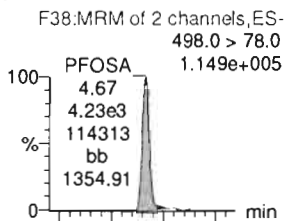
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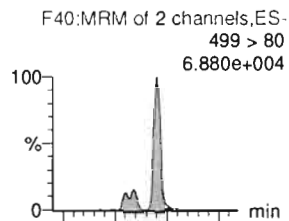
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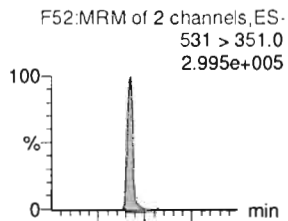
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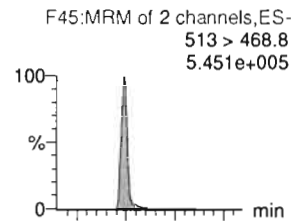
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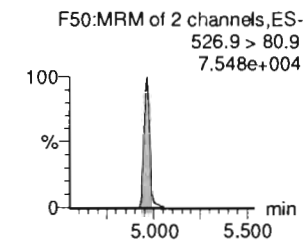
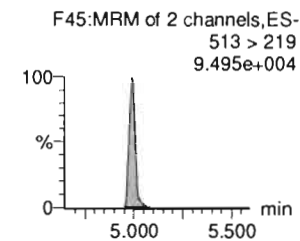
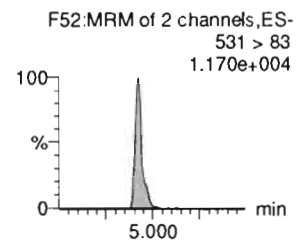
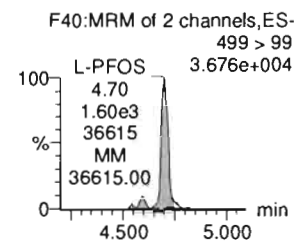
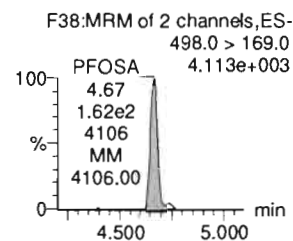
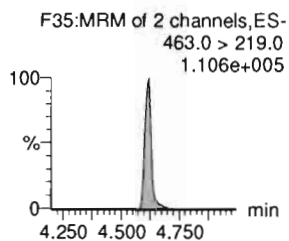
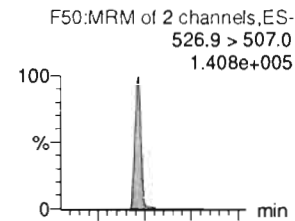
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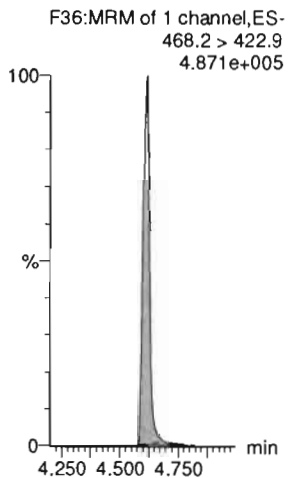
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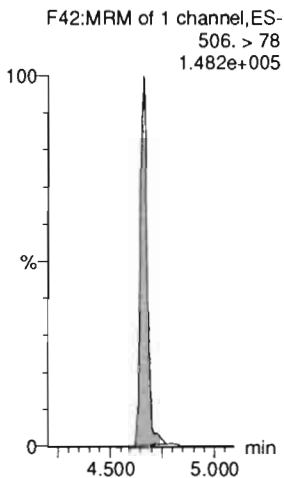
8:2 FTS



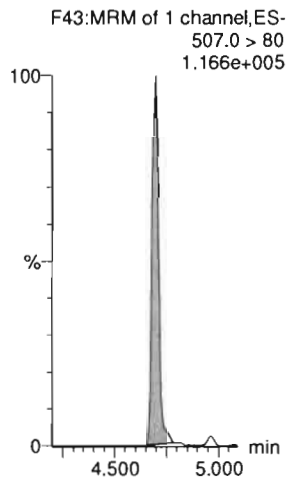
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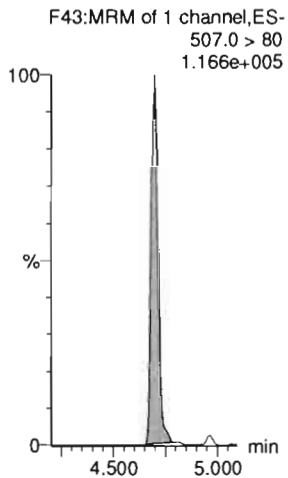
13C8-PFOSA-EIS



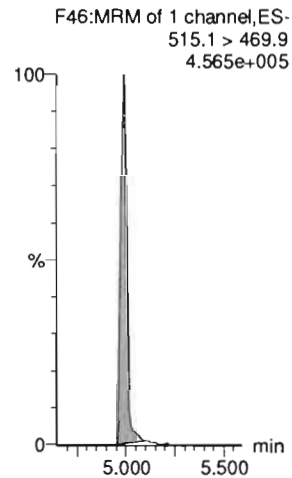
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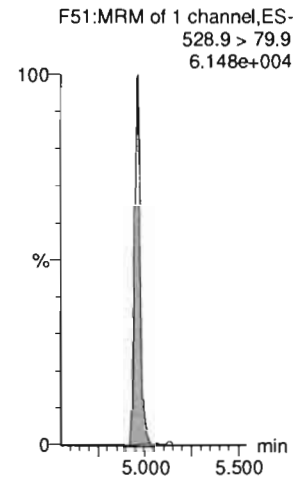
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS

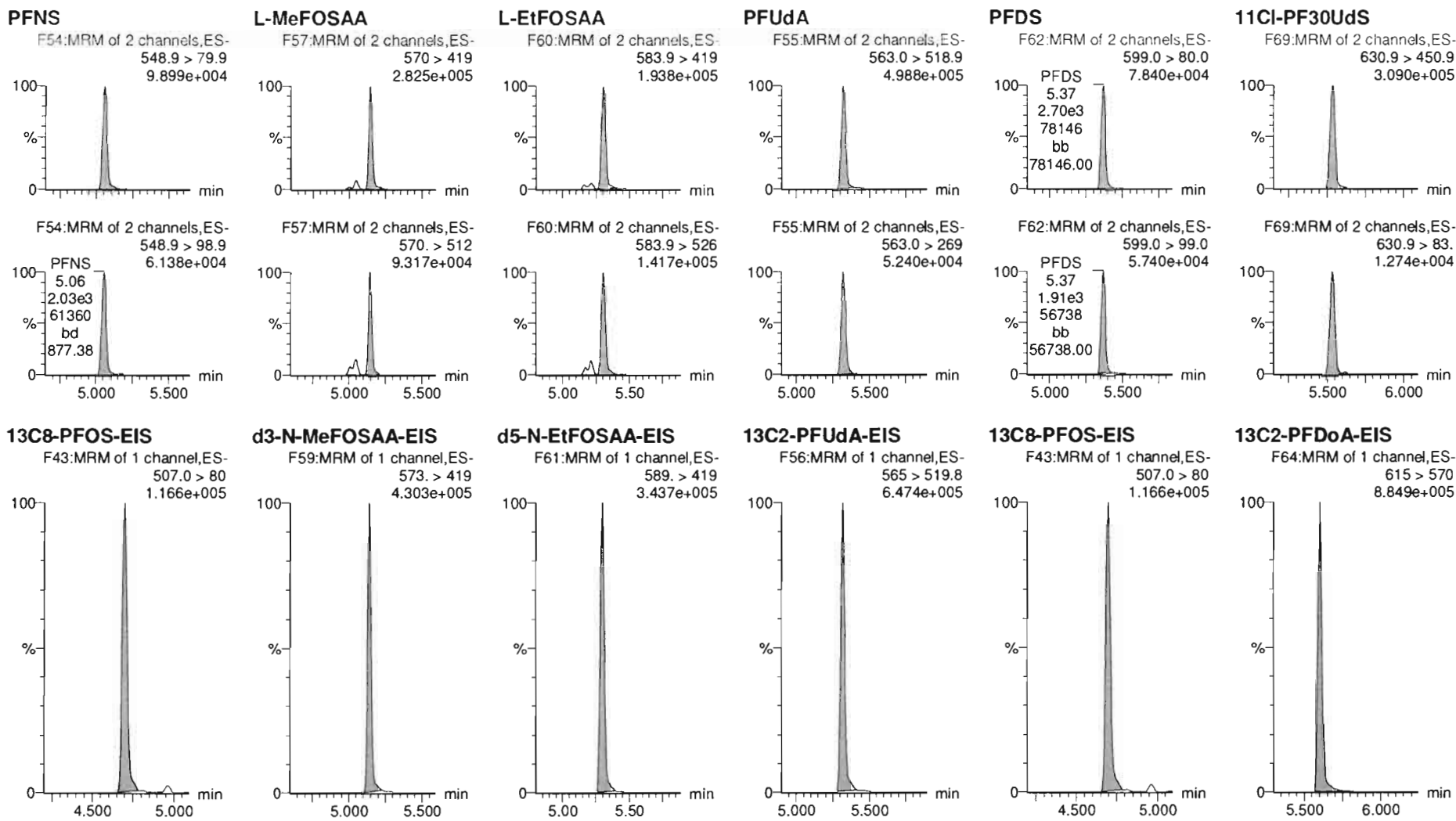


Dataset: F:\Projects\PFAS.PRO\Results\200715M1\200715M1-ICV.qld

Last Altered: Thursday, July 16, 2020 10:55:21 Pacific Daylight Time

Printed: Thursday, July 16, 2020 10:55:48 Pacific Daylight Time

Name: 200715M1_14, Date: 15-Jul-2020, Time: 15:32:27, ID: ICV200715M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

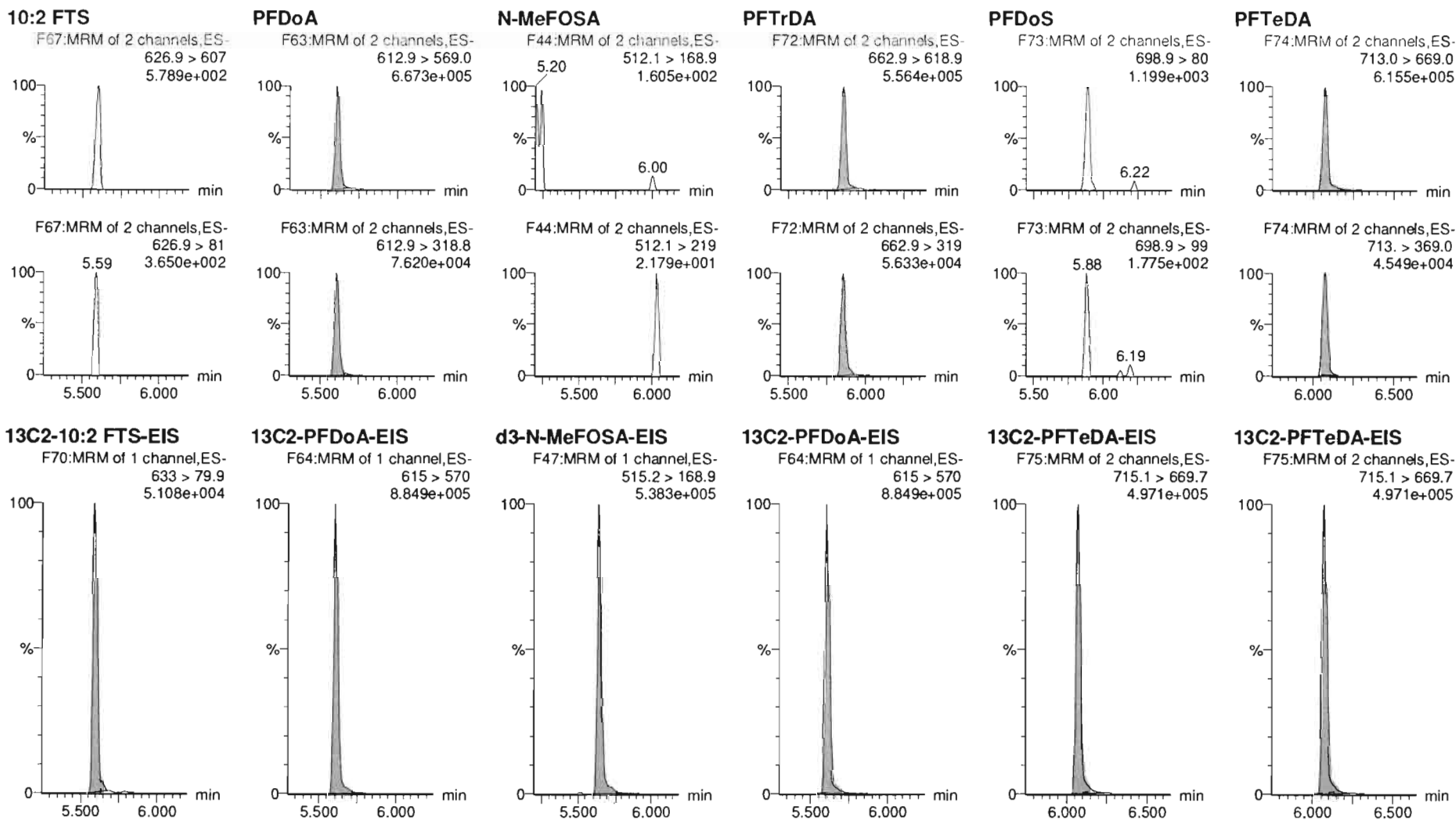


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Last Altered: Thursday, July 16, 2020 10:55:21 Pacific Daylight Time

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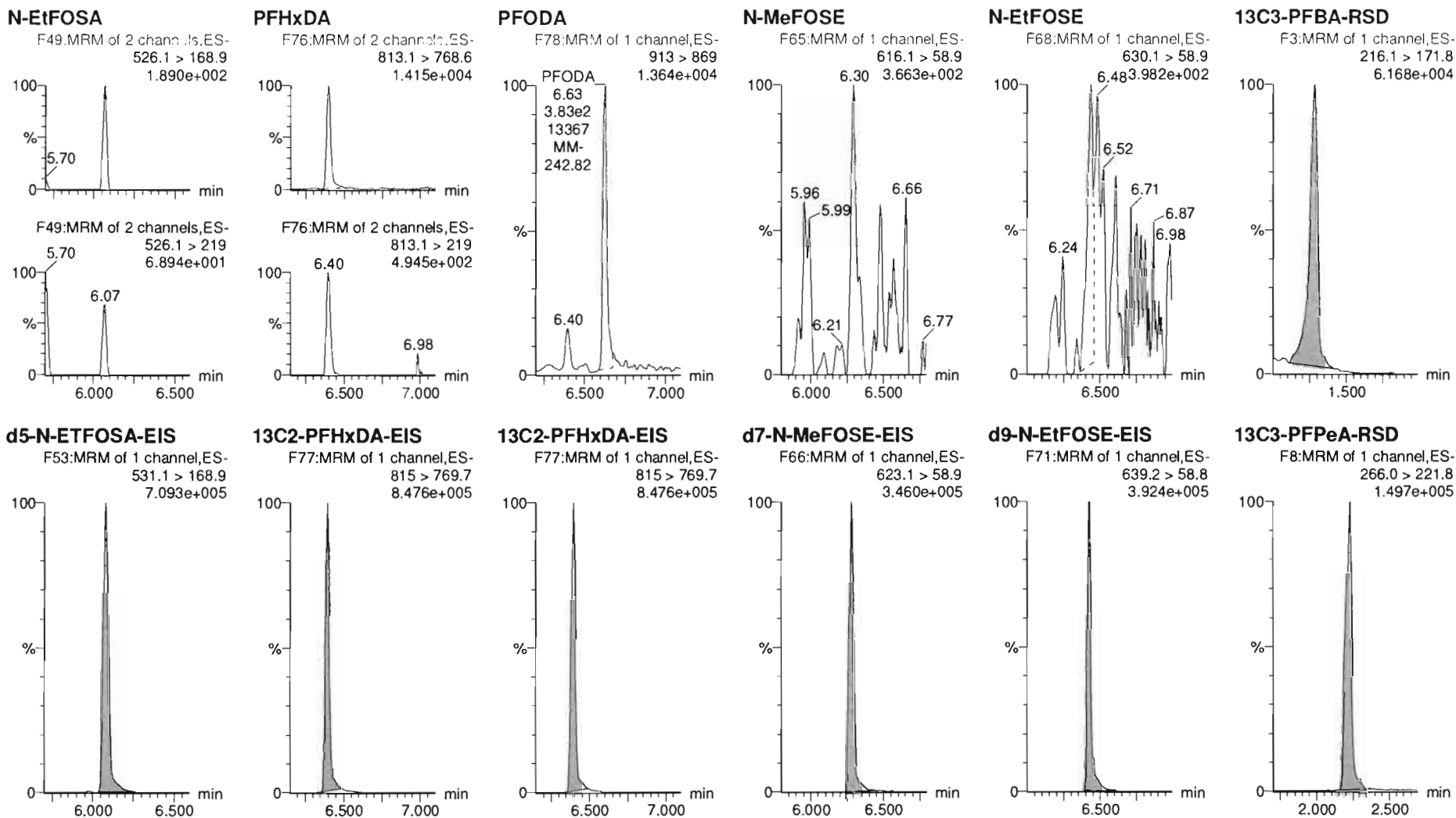


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Printed: Thursday, July 16, 2020 10:55:48 Pacific Daylight Time

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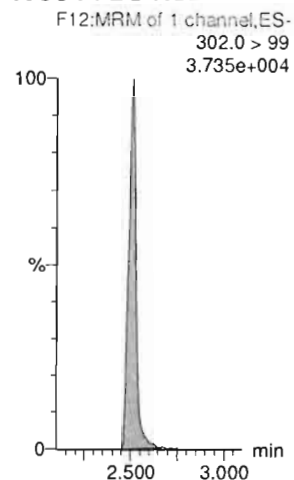
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Last Altered: Thursday, July 16, 2020 10:55:21 Pacific Daylight Time

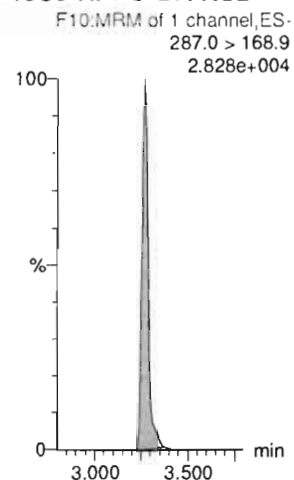
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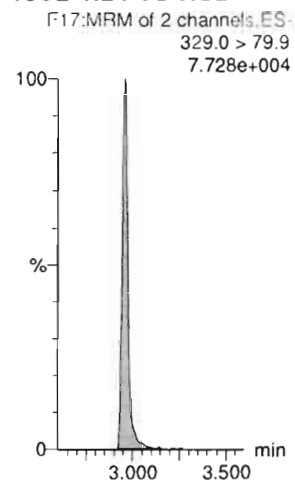
13C3-PFBS-RSD



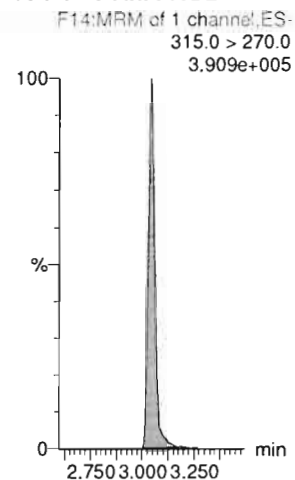
13C3-HFPO-DA-RSD



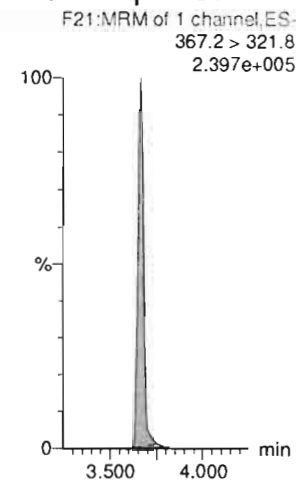
13C2-4:2 FTS-RSD



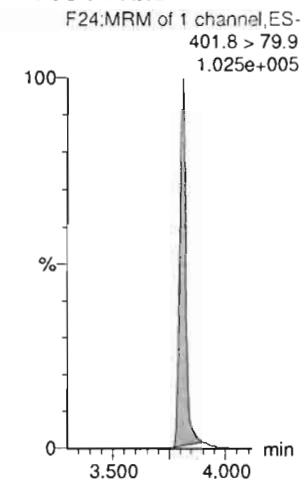
13C2-PFHxA-RSD



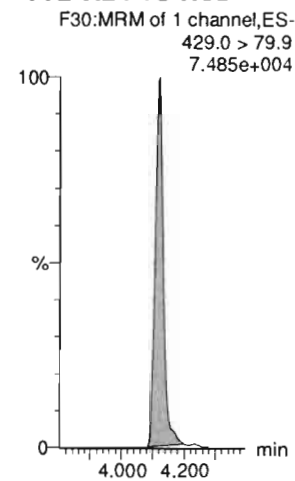
13C4-PFHpA-RSD



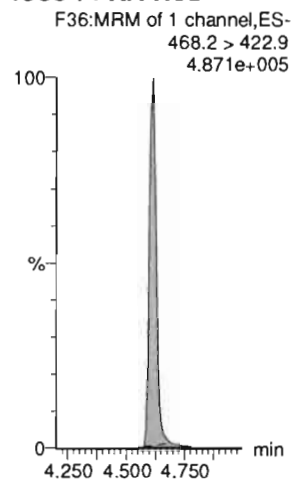
13C3-PFHxS-RSD



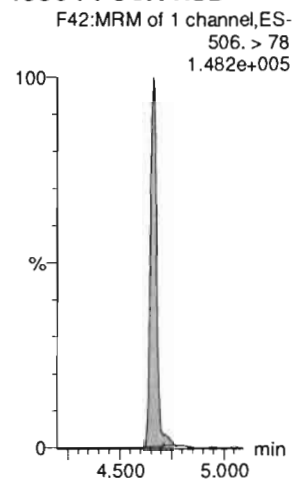
13C2-6:2 FTS-RSD



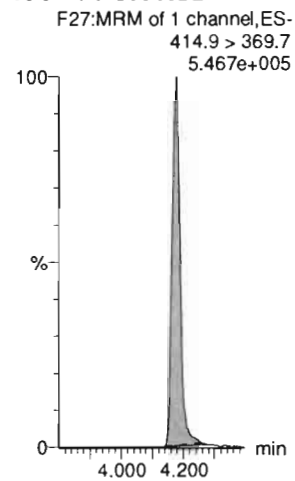
13C5-PFNA-RSD



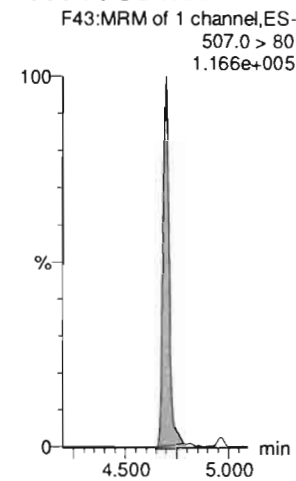
13C8-PFOA-RSD



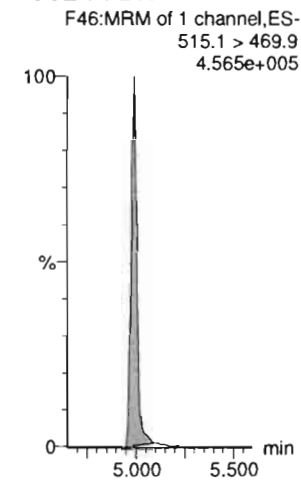
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



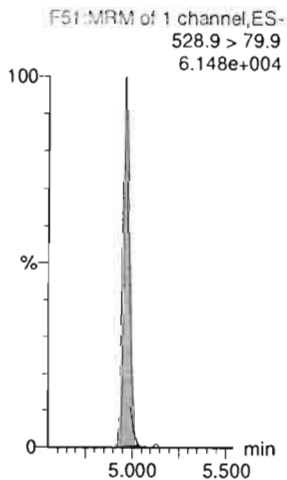
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Last Altered: Thursday, July 16, 2020 10:55:21 Pacific Daylight Time

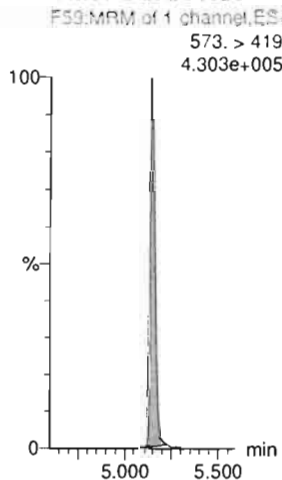
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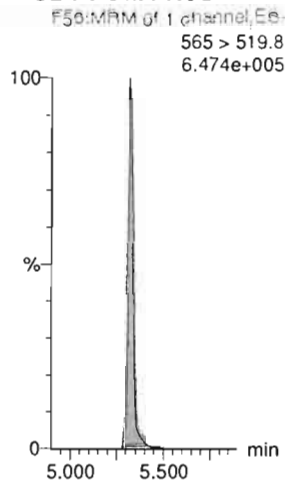
13C2-8:2 FTS-RSD



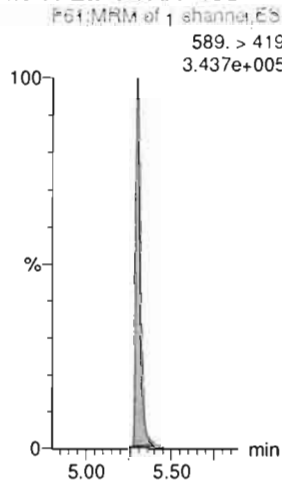
d3-N-MeFOSAA-RSD



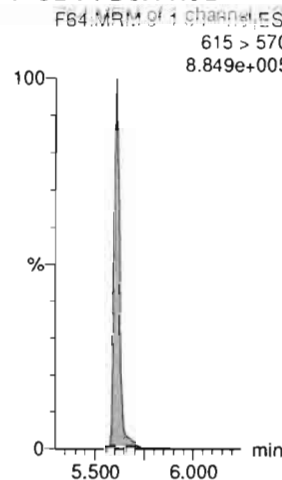
13C2-PFUDa-RSD



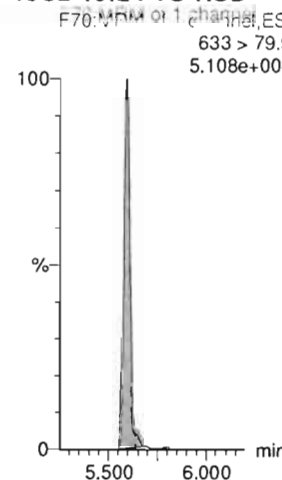
d5-N-EtFOSAA-RSD



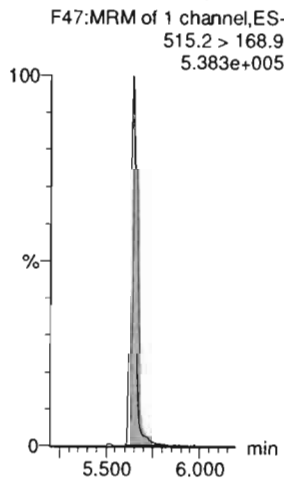
13C2-PFDoA-RSD



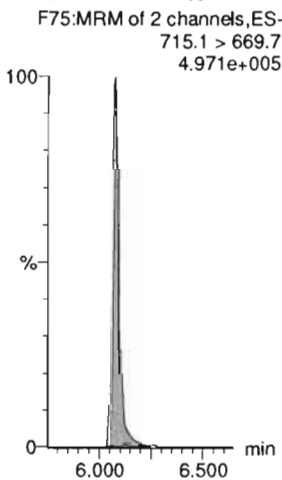
13C2-10:2 FTS-RSD



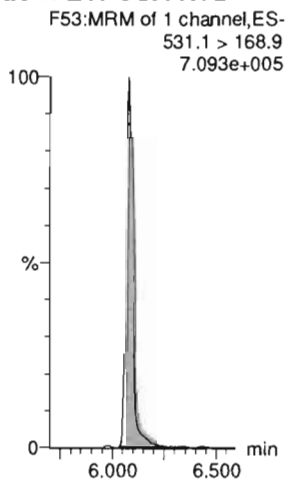
d3-N-MeFOSA-RSD



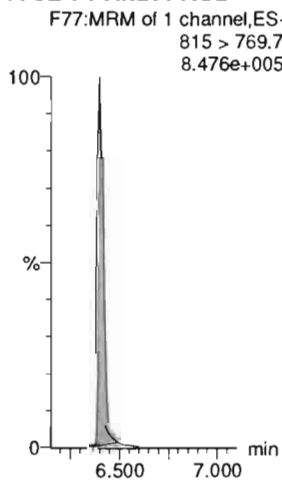
13C2-PFTeDA-RSD



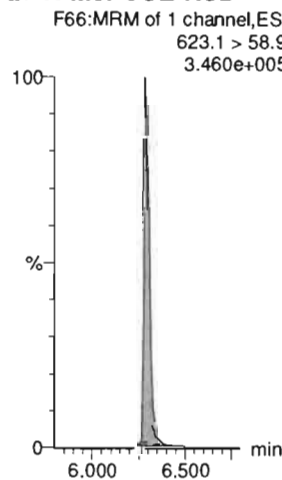
d5-N-ETFOSA-RSD



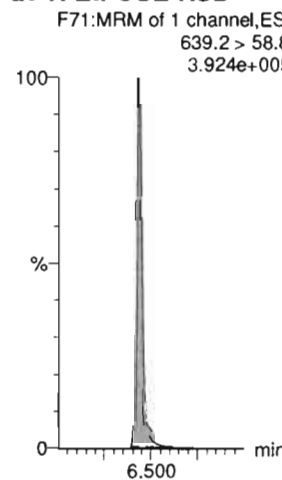
13C2-PFHxDA-RSD



d7-N-MeFOSE-RSD



d9-N-EtFOSE-RSD



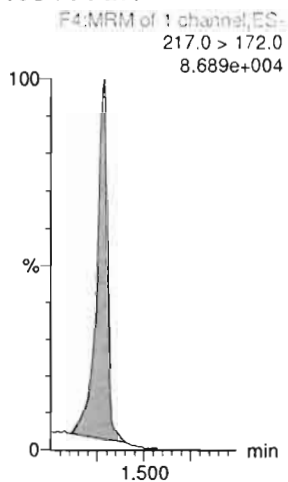
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Last Altered: Thursday, July 16, 2020 10:55:21 Pacific Daylight Time

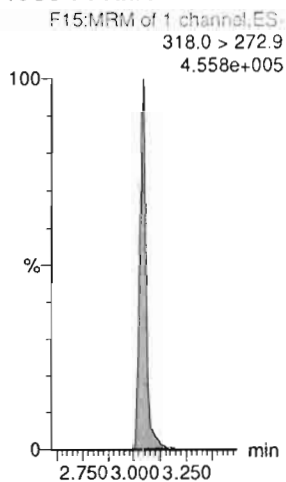
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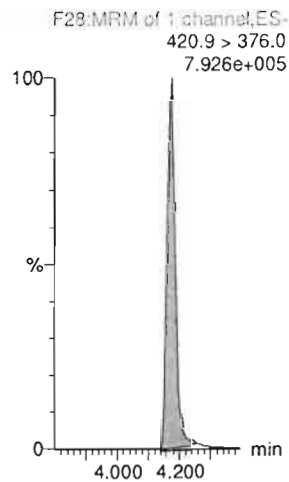
13C4-PFBA



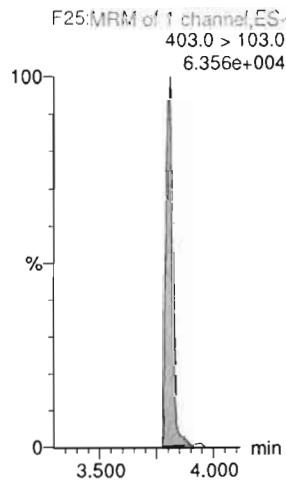
13C5-PFHxA



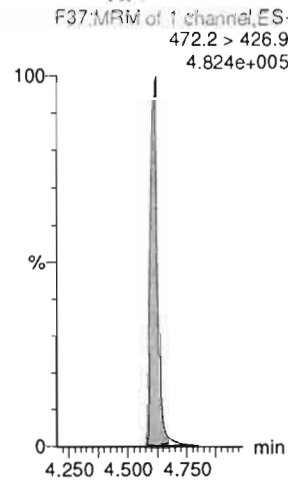
13C8-PFOA



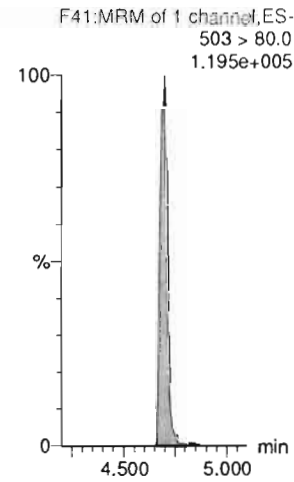
18O2-PFHxS



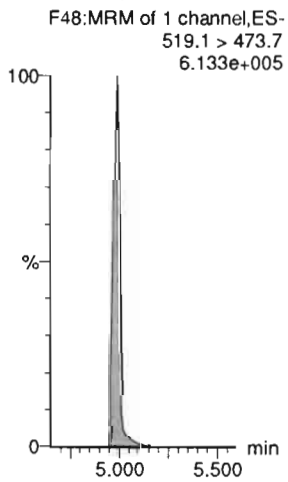
13C9-PFNA



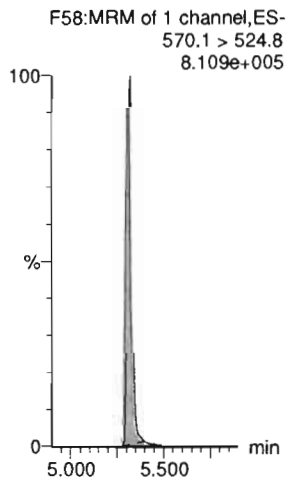
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Untitled

Last Altered: Thursday, July 16, 2020 11:07:18 Pacific Daylight Time

Printed: Thursday, July 16, 2020 11:07:27 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071520.mdb 16 Jul 2020 10:04:09

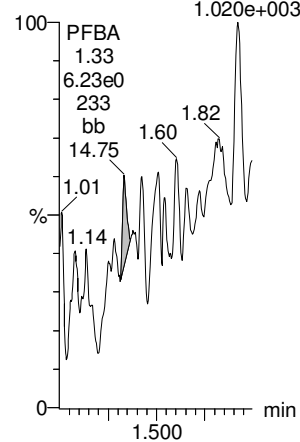
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-15-20.cdb 16 Jul 2020 10:37:32

Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

PFBA

IB IB F2:MRM of 1 channel,ES-213.0 > 169.0

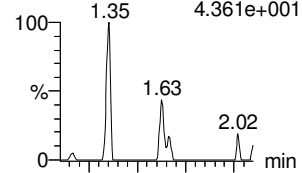
1.020e+003



PFPrS

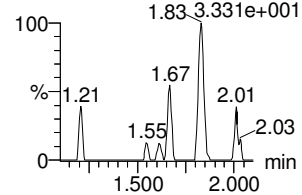
IB IB F6:MRM of 2 channels,ES-248.9 > 79.9

4.361e+001



IB IB F6:MRM of 2 channels,ES-248.9 > 98.9

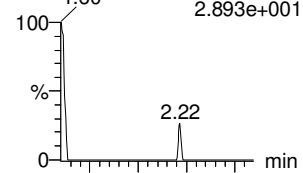
1.83, 3.331e+001



3:3 FTCA

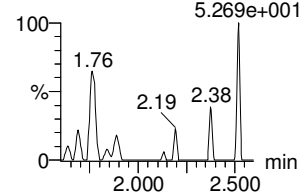
IB IB F5:MRM of 2 channels,ES-241.1 > 177.0

2.893e+001



IB IB F5:MRM of 2 channels,ES-241.1 > 117.0

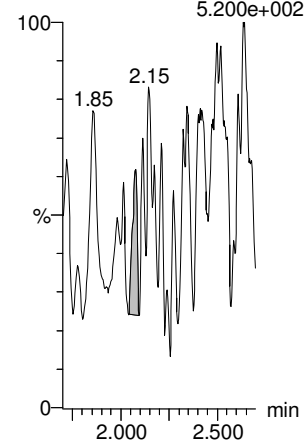
5.269e+001



PFPeA

IB IB F7:MRM of 1 channel,ES-263.1 > 218.9

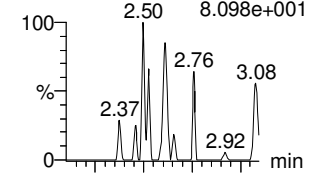
5.200e+002



PFBS

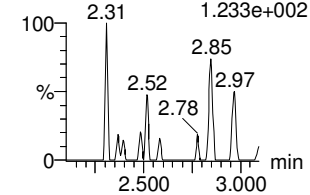
F11:MRM of 2 channels,ES-299.0 > 79.7

8.098e+001



F11:MRM of 2 channels,ES-299.0 > 99.0

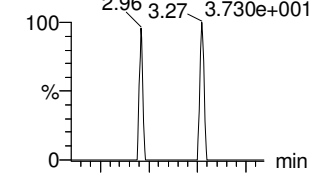
1.233e+002



4:2 FTS

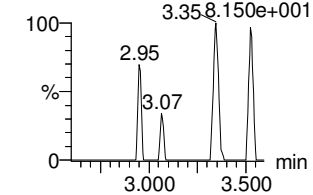
F16:MRM of 2 channels,ES-327.0 > 306.9

3.730e+001



F16:MRM of 2 channels,ES-327.0 > 80.9

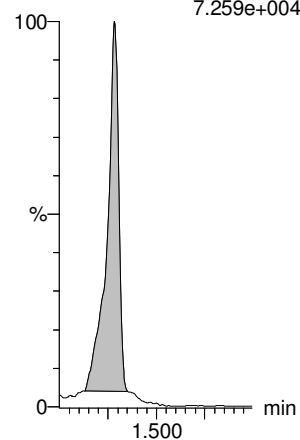
3.358, 1.50e+001



13C3-PFBA-EIS

IB IB F3:MRM of 1 channel,ES-216.1 > 171.8

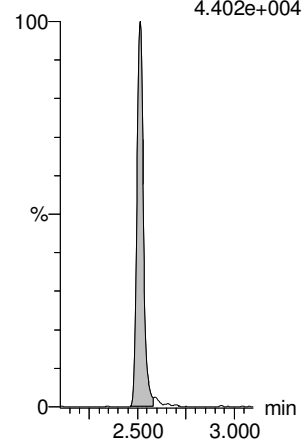
7.259e+004



13C3-PFBS-EIS

IB IB F12:MRM of 1 channel,ES-302.0 > 99

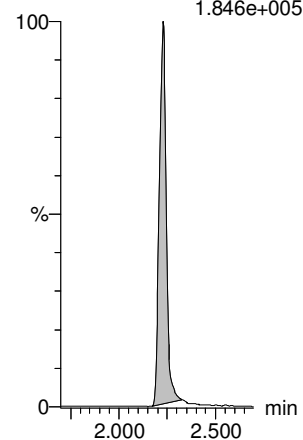
4.402e+004



13C3-PFPeA-EIS

IB IB F8:MRM of 1 channel,ES-266.0 > 221.8

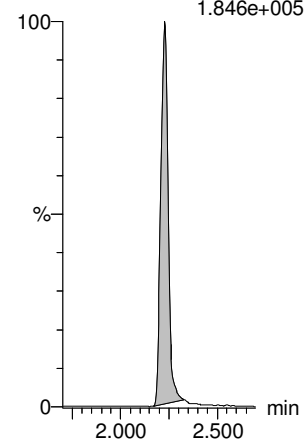
1.846e+005



13C3-PFPeA-EIS

IB IB F8:MRM of 1 channel,ES-266.0 > 221.8

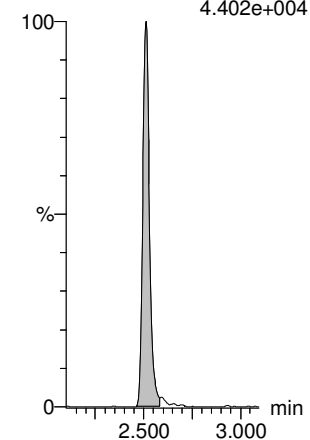
1.846e+005



13C3-PFBS-EIS

IB IB F12:MRM of 1 channel,ES-302.0 > 99

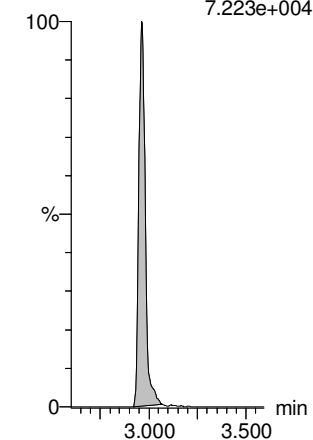
4.402e+004



13C2-4:2 FTS-EIS

F17:MRM of 2 channels,ES-329.0 > 79.9

7.223e+004



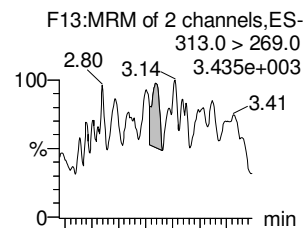
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Last Altered: Thursday, July 16, 2020 11:07:18 Pacific Daylight Time

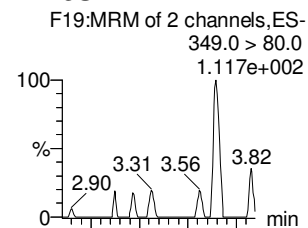
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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

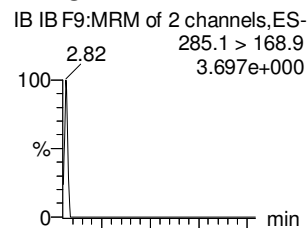
PFHxA



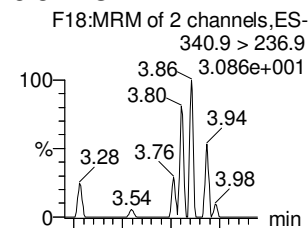
PFPeS



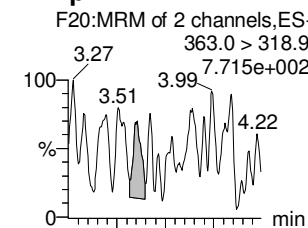
HFPO-DA



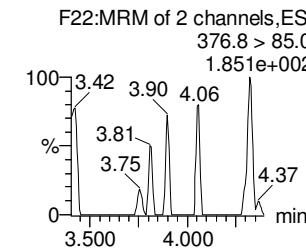
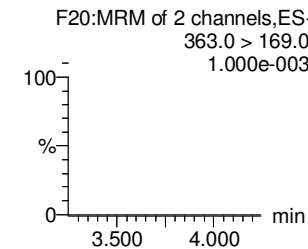
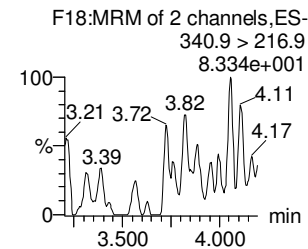
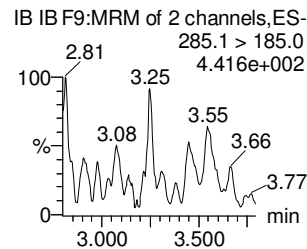
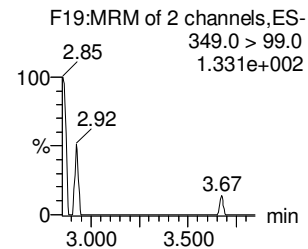
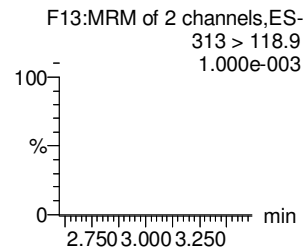
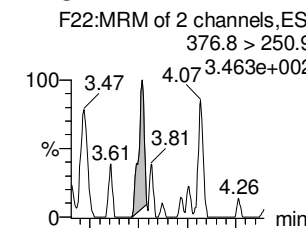
5:3 FTCA



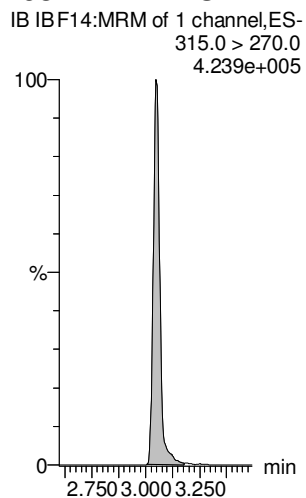
PFHpA



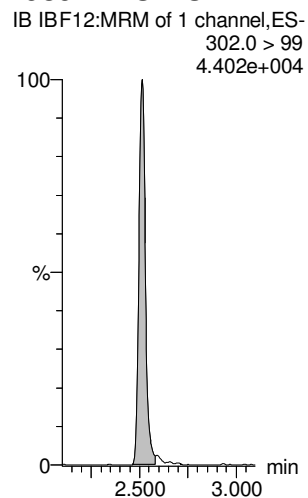
ADONA



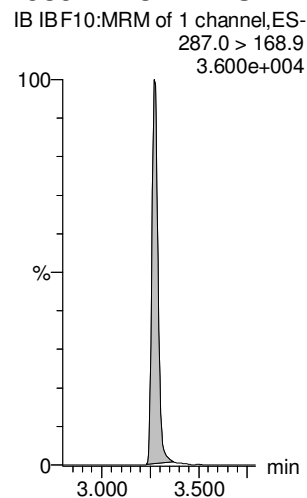
13C2-PFHxA-EIS



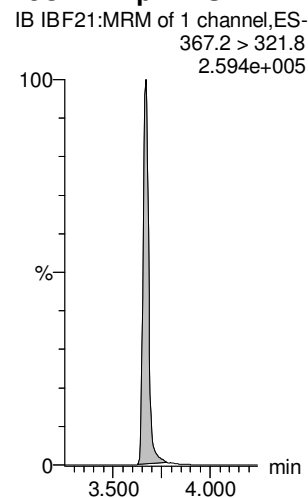
13C3-PFBS-EIS



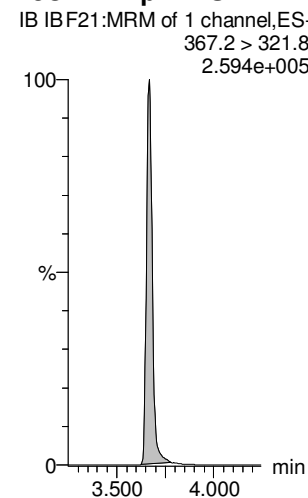
13C3-HFPO-DA-EIS



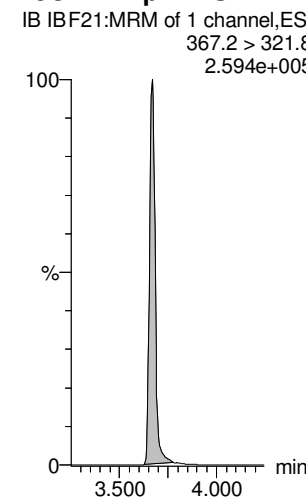
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



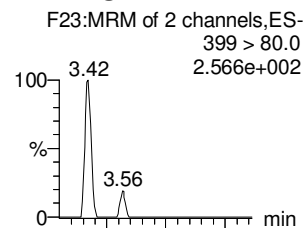
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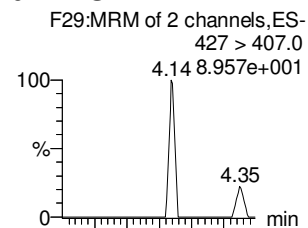
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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

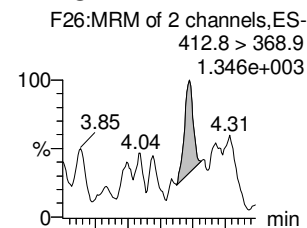
L-PFHxS



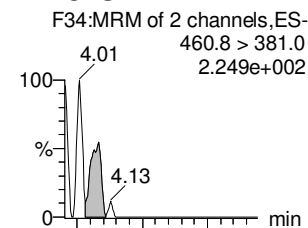
6:2 FTS



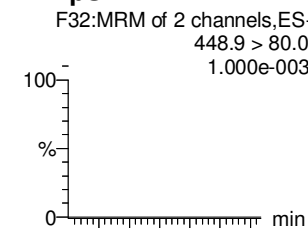
L-PFOA



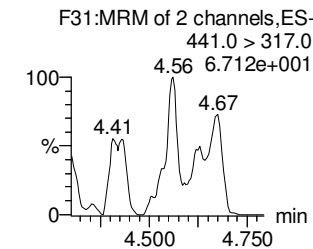
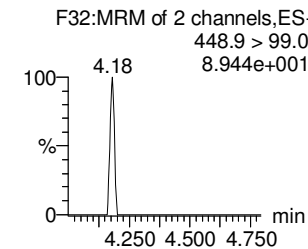
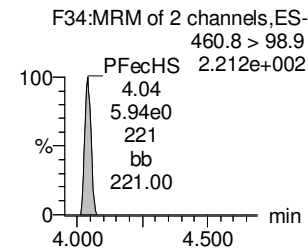
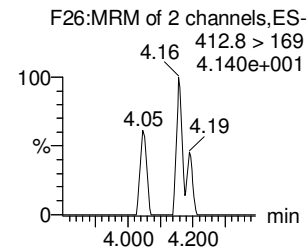
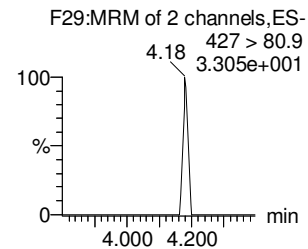
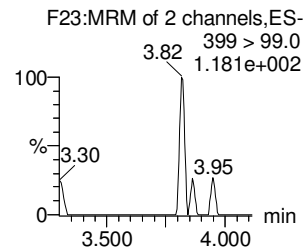
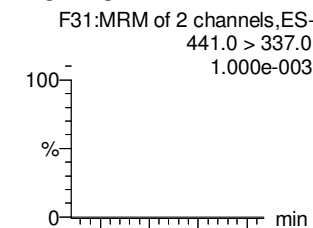
PFChS



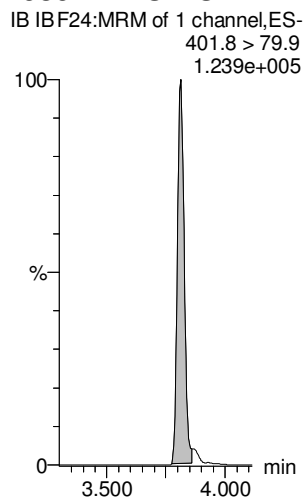
PFHpS



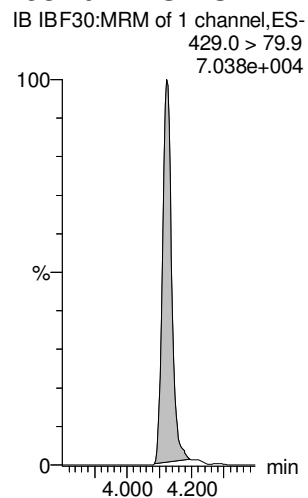
7:3 FTCA



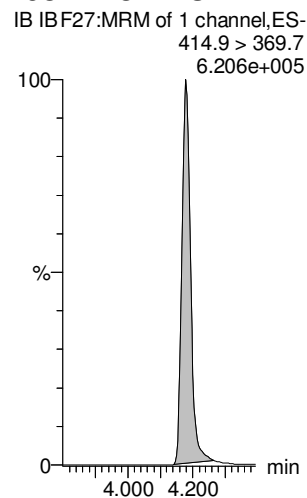
13C3-PFHxS-EIS



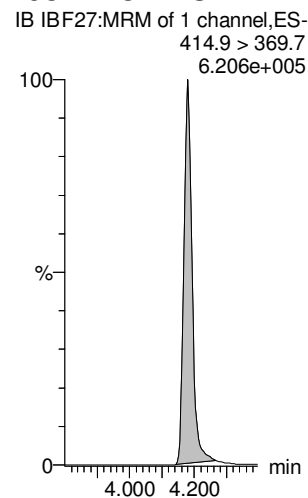
13C2-6:2 FTS-EIS



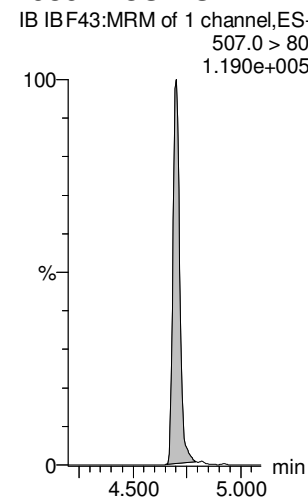
13C2-PFOA-EIS



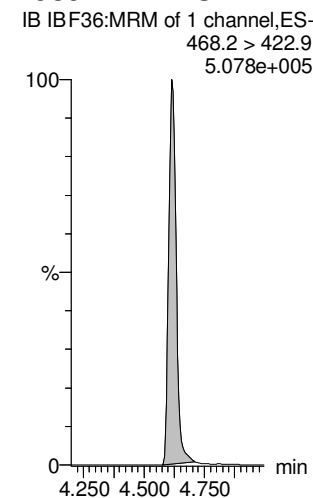
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



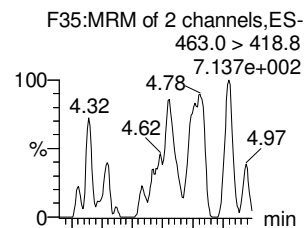
Dataset: Untitled

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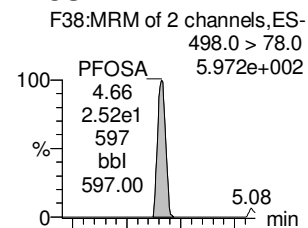
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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

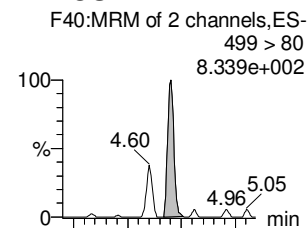
PFNA



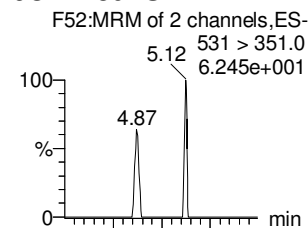
PFOSA



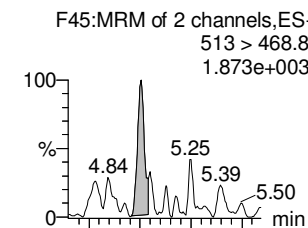
L-PFOS



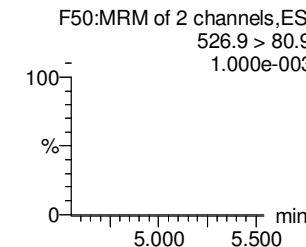
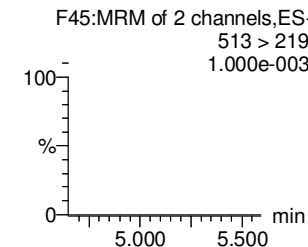
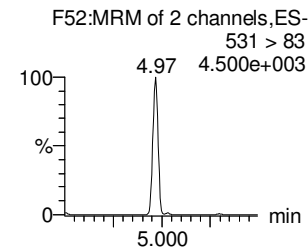
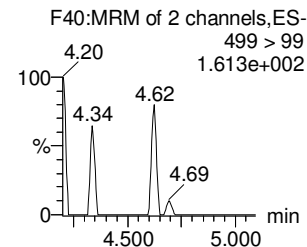
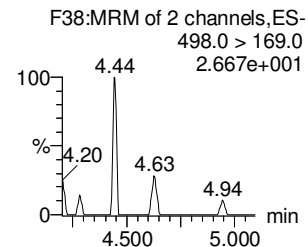
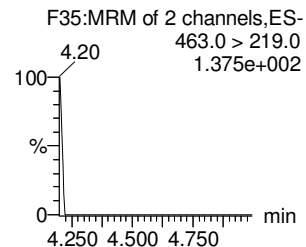
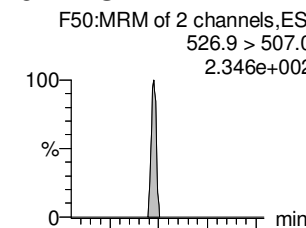
9CI-PF30NS



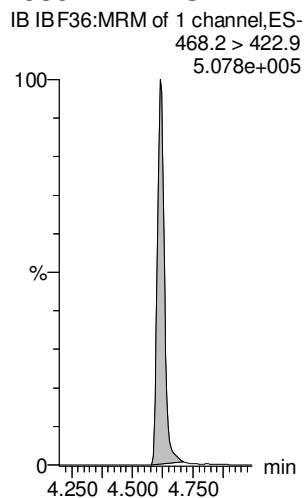
PFDA



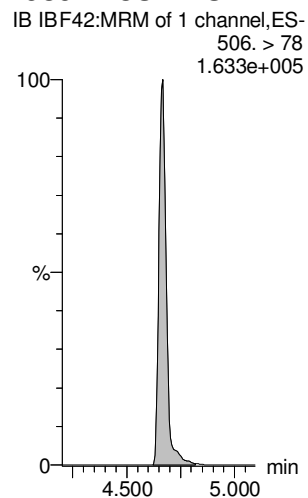
8:2 FTS



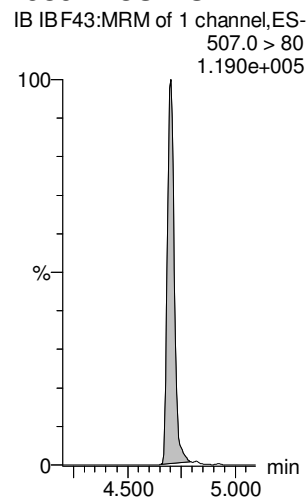
13C5-PFNA-EIS



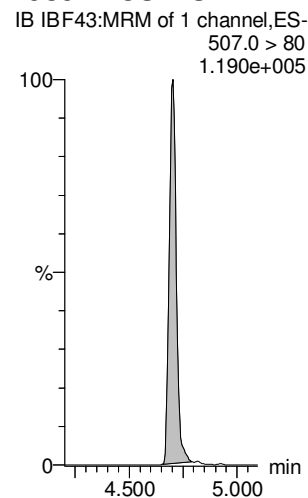
13C8-PFOSA-EIS



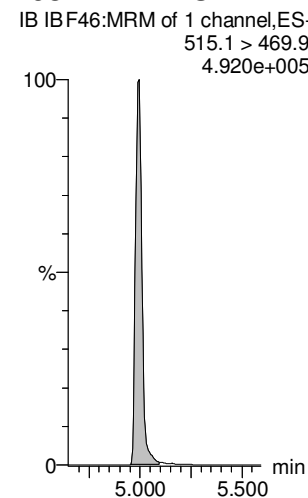
13C8-PFOS-EIS



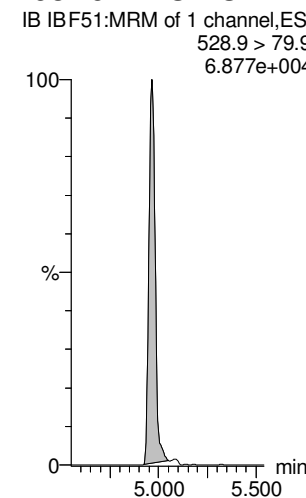
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



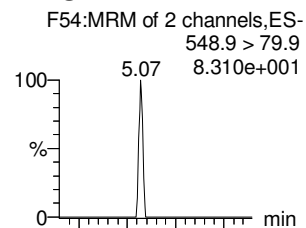
Dataset: Untitled

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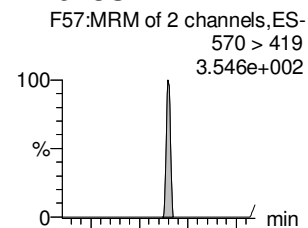
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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

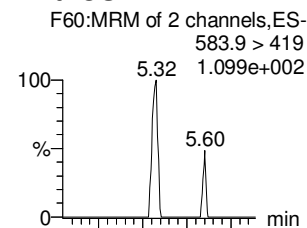
PFNS



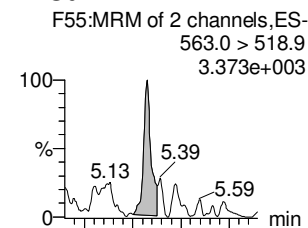
L-MeFOSAA



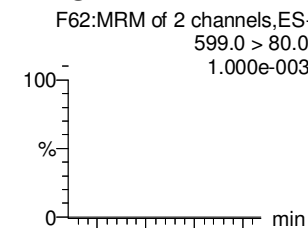
L-EtFOSAA



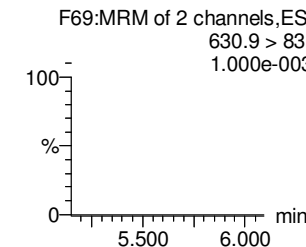
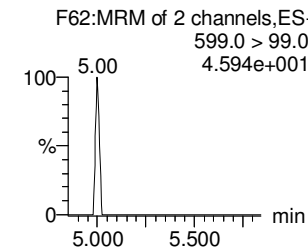
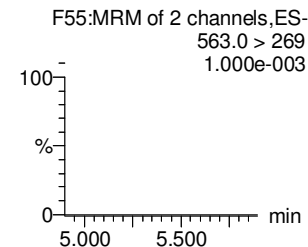
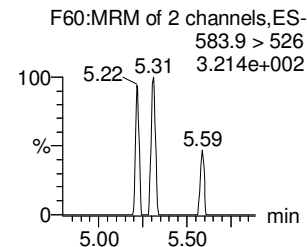
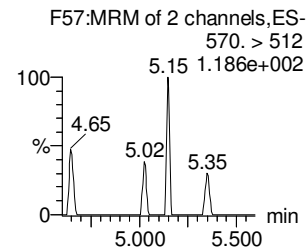
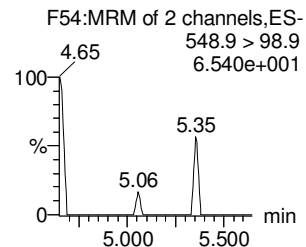
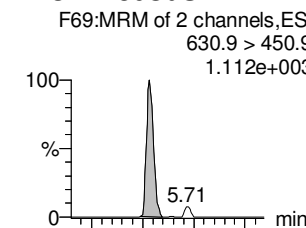
PFUdA



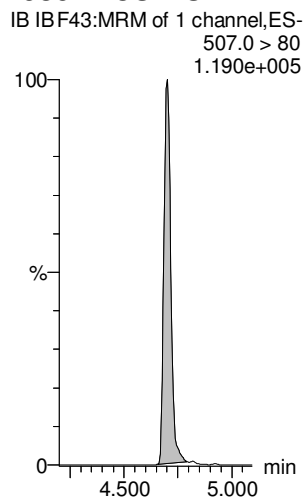
PFDS



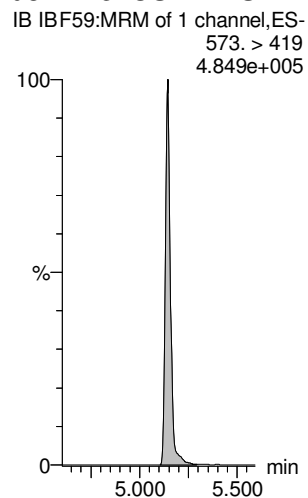
11Cl-PF30UdS



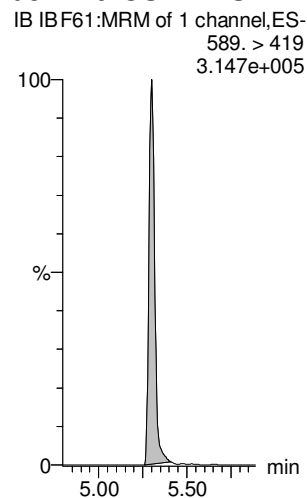
13C8-PFOS-EIS



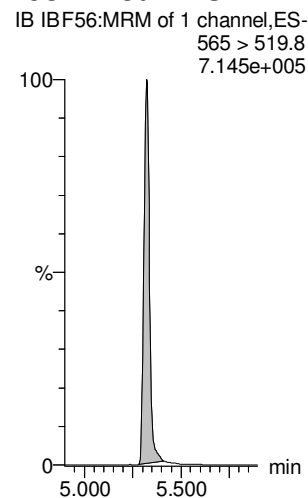
d3-N-MeFOSAA-EIS



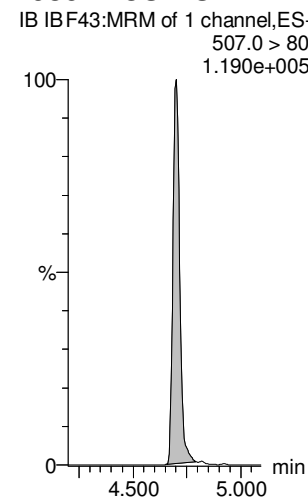
d5-N-EtFOSAA-EIS



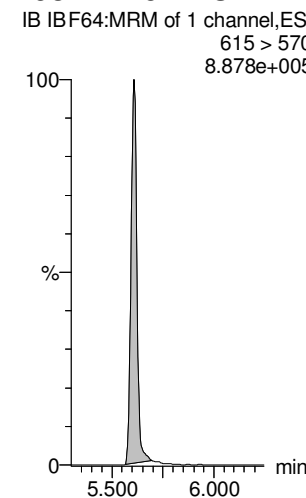
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS



Dataset: Untitled

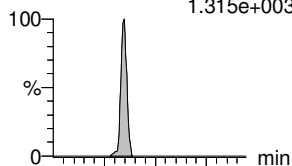
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Printed: Thursday, July 16, 2020 11:07:27 Pacific Daylight Time

Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

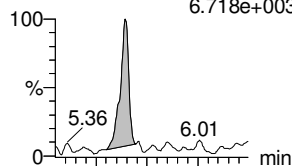
10:2 FTS

F67:MRM of 2 channels,ES-
626.9 > 607
1.315e+003



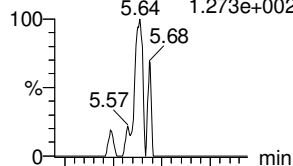
PFDoA

F63:MRM of 2 channels,ES-
612.9 > 569.0
6.718e+003



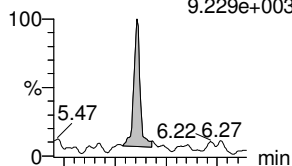
N-MeFOSA

F44:MRM of 2 channels,ES-
512.1 > 168.9
1.273e+002



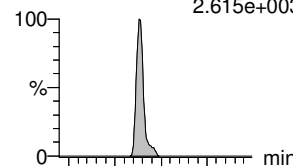
PFTrDA

F72:MRM of 2 channels,ES-
662.9 > 618.9
9.229e+003



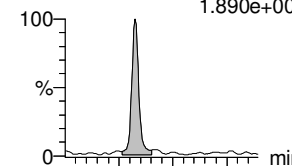
PFDoS

F73:MRM of 2 channels,ES-
698.9 > 80
2.615e+003



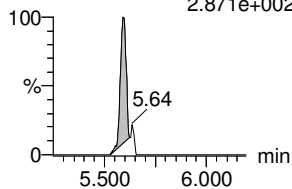
PFTeDA

F74:MRM of 2 channels,ES-
713.0 > 669.0
1.890e+004



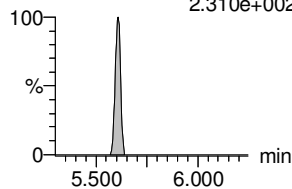
10:2 FTS

F67:MRM of 2 channels,ES-
626.9 > 81
2.871e+002



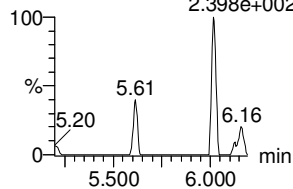
PFDoA

F63:MRM of 2 channels,ES-
612.9 > 318.8
2.310e+002



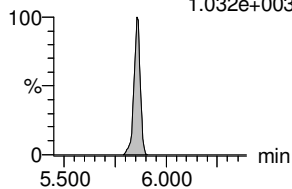
N-MeFOSA

F44:MRM of 2 channels,ES-
512.1 > 219
2.398e+002



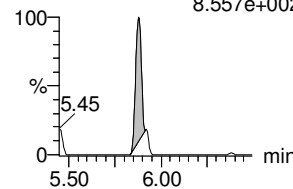
PFTrDA

F72:MRM of 2 channels,ES-
662.9 > 319
1.032e+003



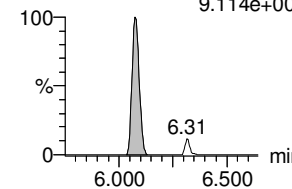
PFDoS

F73:MRM of 2 channels,ES-
698.9 > 99
8.557e+002



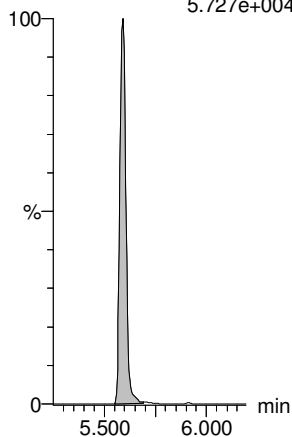
PFTeDA

F74:MRM of 2 channels,ES-
713. > 369.0
9.114e+002



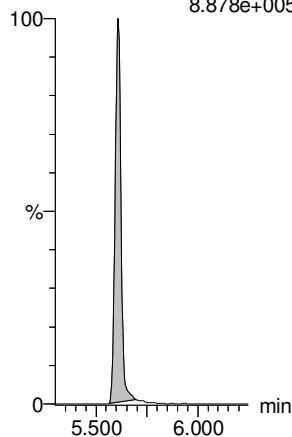
13C2-10:2 FTS-EIS

IB IBF70:MRM of 1 channel,ES-
633 > 79.9
5.727e+004



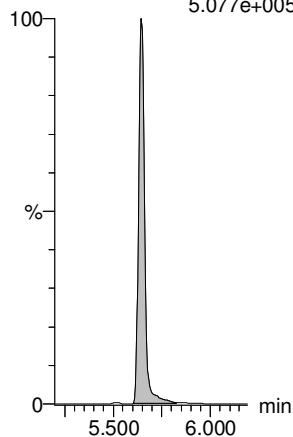
13C2-PFDoA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
8.878e+005



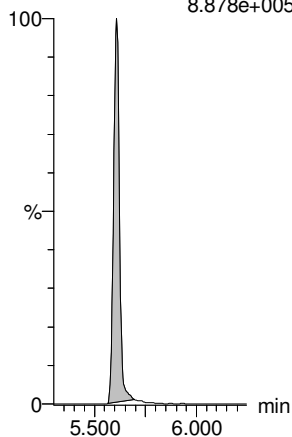
d3-N-MeFOSA-EIS

IB IBF47:MRM of 1 channel,ES-
515.2 > 168.9
5.077e+005



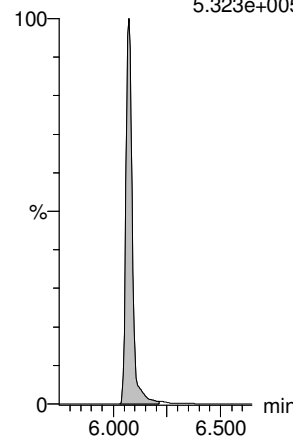
13C2-PFDoA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
8.878e+005



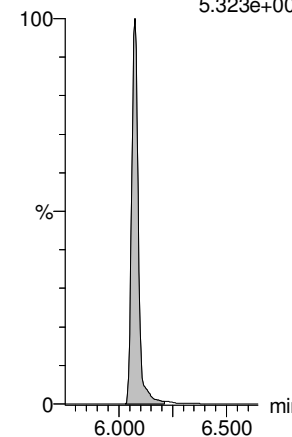
13C2-PFTeDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.323e+005



13C2-PFTeDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.323e+005



Dataset: Untitled

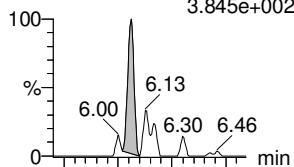
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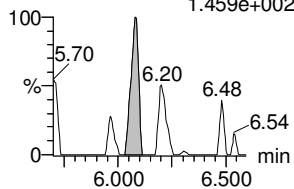
Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

N-EtFOSA

F49:MRM of 2 channels,ES-
526.1 > 168.9
3.845e+002

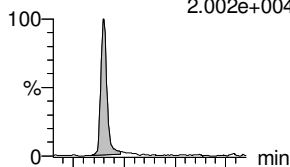


F49:MRM of 2 channels,ES-
526.1 > 219
1.459e+002

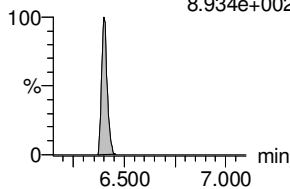


PFHxDA

F76:MRM of 2 channels,ES-
813.1 > 768.6
2.002e+004

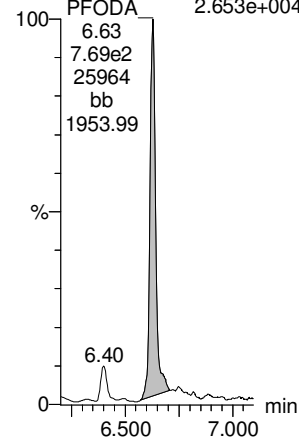


F76:MRM of 2 channels,ES-
813.1 > 219
8.934e+002



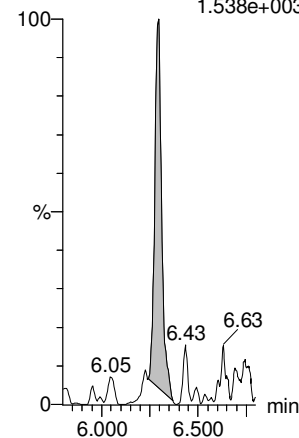
PFODA

IB IBF78:MRM of 1 channel,ES-
913 > 869
2.653e+004



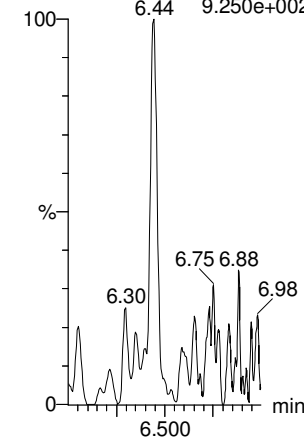
N-MeFOSE

IB IBF65:MRM of 1 channel,ES-
616.1 > 58.9
1.538e+003



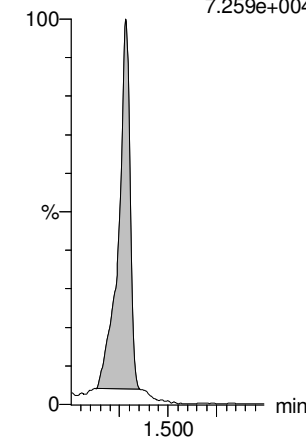
N-EtFOSE

IB IBF68:MRM of 1 channel,ES-
630.1 > 58.9
9.250e+002



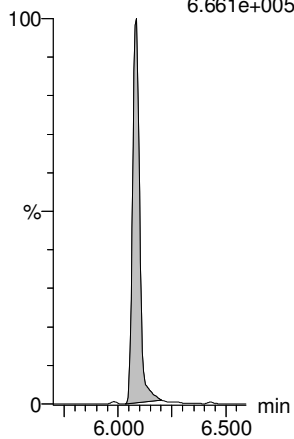
13C3-PFBA-RSD

IB IB F3:MRM of 1 channel,ES-
216.1 > 171.8
7.259e+004



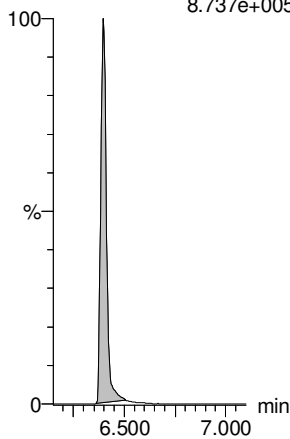
d5-N-ETFOSA-EIS

IB IBF53:MRM of 1 channel,ES-
531.1 > 168.9
6.661e+005



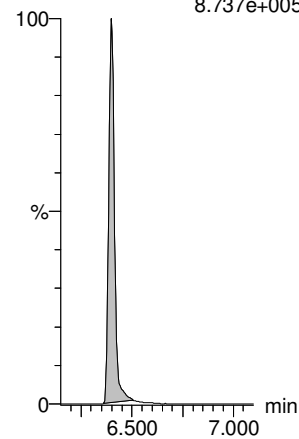
13C2-PFHxDA-EIS

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
8.737e+005



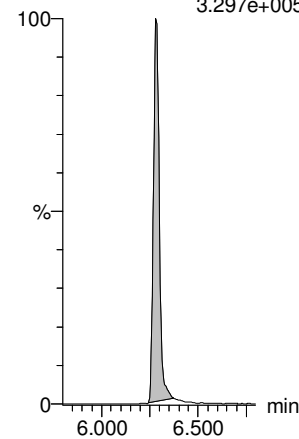
13C2-PFHxDA-EIS

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
8.737e+005



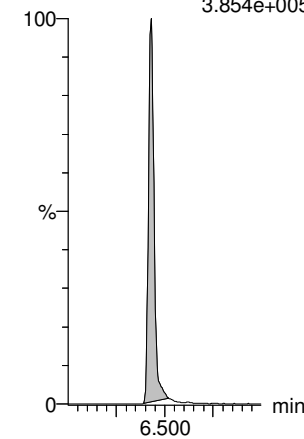
d7-N-MeFOSE-EIS

IB IBF66:MRM of 1 channel,ES-
623.1 > 58.9
3.297e+005



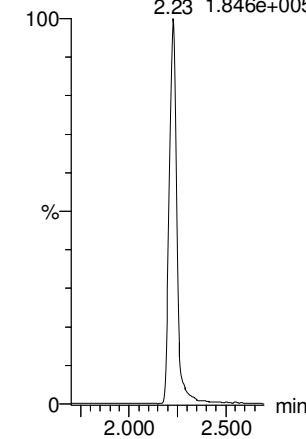
d9-N-EtFOSE-EIS

IB IBF71:MRM of 1 channel,ES-
639.2 > 58.8
3.854e+005



13C3-PFPeA-RSD

IB IB F8:MRM of 1 channel,ES-
266.0 > 221.8
1.846e+005



Dataset: Untitled

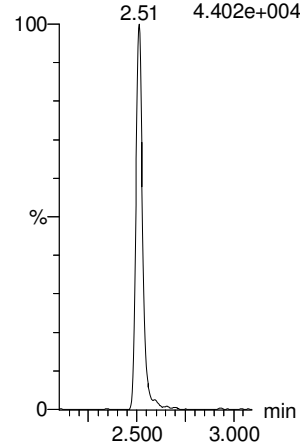
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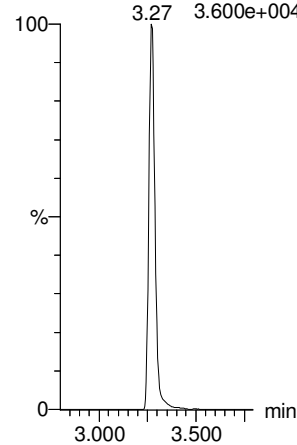
13C3-PFBS-RSD

IB IBF12:MRM of 1 channel,ES-
302.0 > 99
4.402e+004



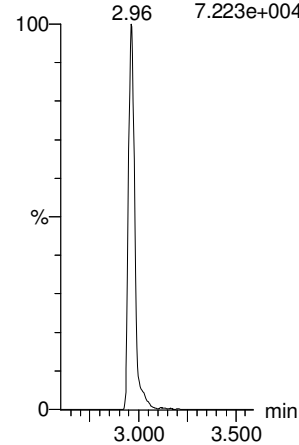
13C3-HFPO-DA-RSD

IB IBF10:MRM of 1 channel,ES-
287.0 > 168.9
3.600e+004



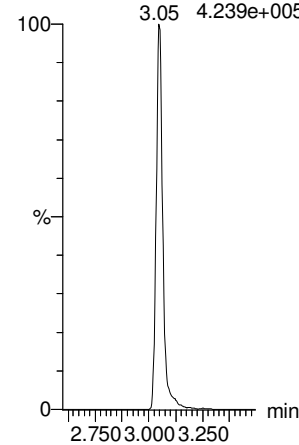
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.223e+004



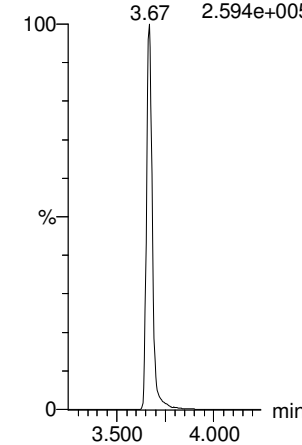
13C2-PFHxA-RSD

IB IBF14:MRM of 1 channel,ES-
315.0 > 270.0
4.239e+005



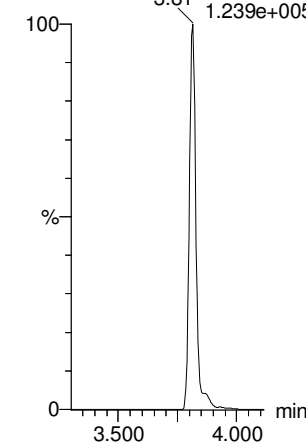
13C4-PFHpA-RSD

IB IBF21:MRM of 1 channel,ES-
367.2 > 321.8
2.594e+005



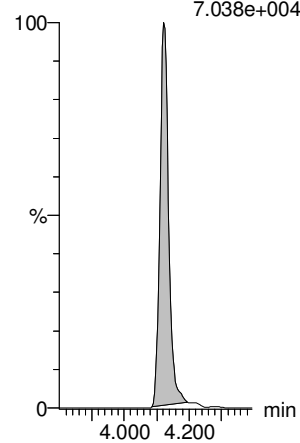
13C3-PFHxS-RSD

IB IBF24:MRM of 1 channel,ES-
401.8 > 79.9
1.239e+005



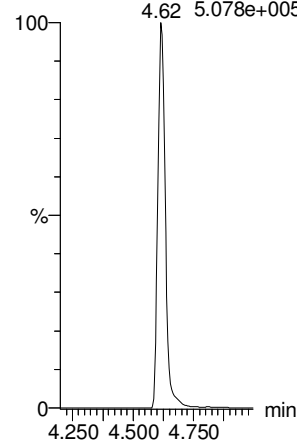
13C2-6:2 FTS-RSD

IB IBF30:MRM of 1 channel,ES-
429.0 > 79.9
7.038e+004



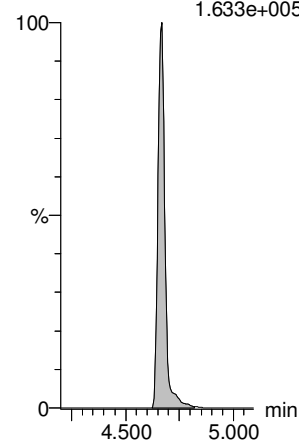
13C5-PFNA-RSD

IB IBF36:MRM of 1 channel,ES-
468.2 > 422.9
5.078e+005



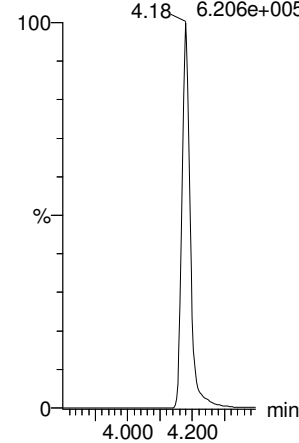
13C8-PFOA-RSD

IB IBF42:MRM of 1 channel,ES-
506. > 78
1.633e+005



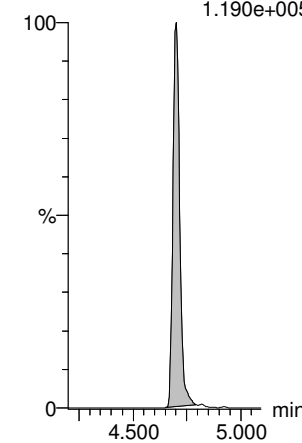
13C2-PFOA-RSD

IB IBF27:MRM of 1 channel,ES-
414.9 > 369.7
6.206e+005



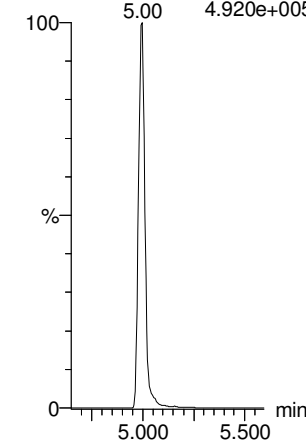
13C8-PFOS-RSD

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.190e+005



13C2-PFDA-RSD

IB IBF46:MRM of 1 channel,ES-
515.1 > 469.9
4.920e+005



Dataset: Untitled

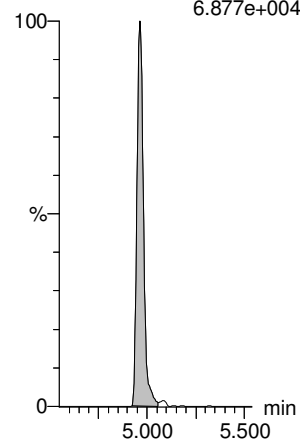
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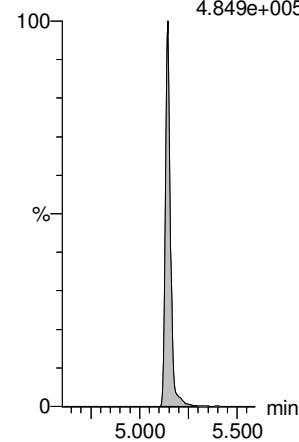
13C2-8:2 FTS-RSD

IB IBF51:MRM of 1 channel,ES-
528.9 > 79.9
6.877e+004



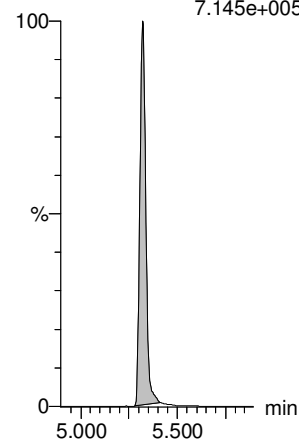
d3-N-MeFOSAA-RSD

IB IBF59:MRM of 1 channel,ES-
573. > 419
4.849e+005



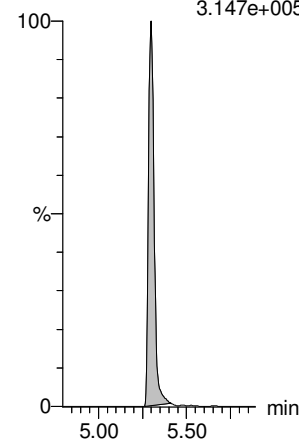
13C2-PFUDa-RSD

IB IBF56:MRM of 1 channel,ES-
565 > 519.8
7.145e+005



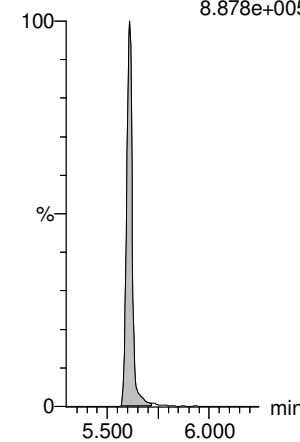
d5-N-EtFOSAA-RSD

IB IBF61:MRM of 1 channel,ES-
589. > 419
3.147e+005



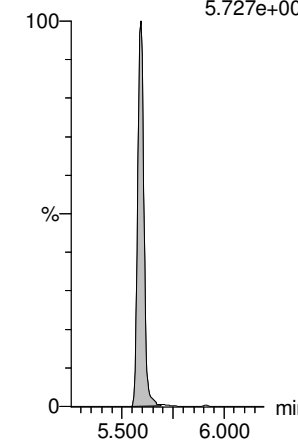
13C2-PFDoA-RSD

IB IBF64:MRM of 1 channel,ES-
615 > 570
8.878e+005



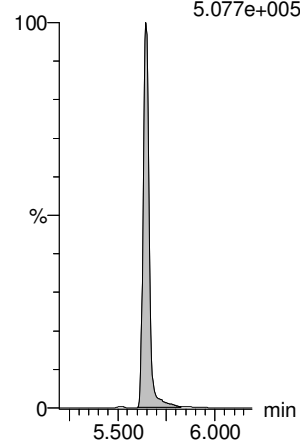
13C2-10:2 FTS-RSD

IB IBF70:MRM of 1 channel,ES-
633 > 79.9
5.727e+004



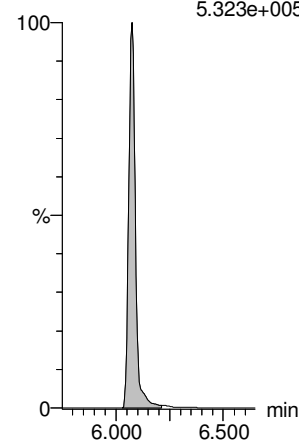
d3-N-MeFOSA-RSD

IB IBF47:MRM of 1 channel,ES-
515.2 > 168.9
5.077e+005



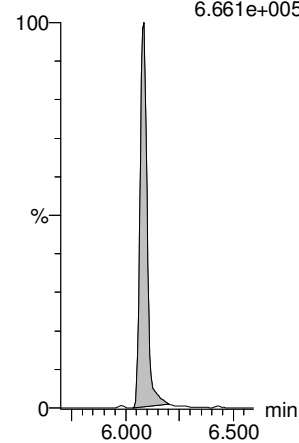
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.323e+005



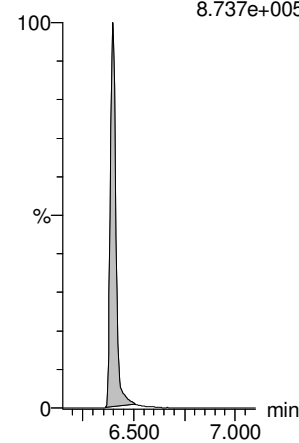
d5-N-ETFOSA-RSD

IB IBF53:MRM of 1 channel,ES-
531.1 > 168.9
6.661e+005



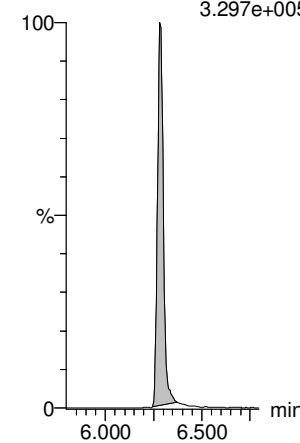
13C2-PFHxDA-RSD

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
8.737e+005



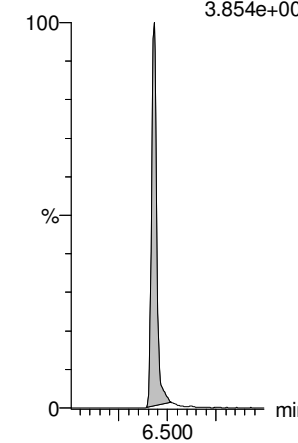
d7-N-MeFOSE-RSD

IB IBF66:MRM of 1 channel,ES-
623.1 > 58.9
3.297e+005



d9-N-EtFOSE-RSD

IB IBF71:MRM of 1 channel,ES-
639.2 > 58.8
3.854e+005



Dataset: Untitled

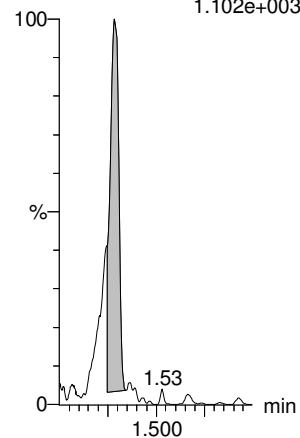
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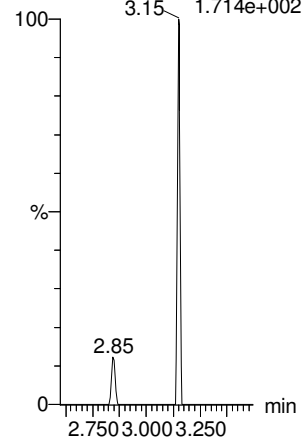
13C4-PFBA

IB IB F4:MRM of 1 channel,ES-
217.0 > 172.0
1.102e+003



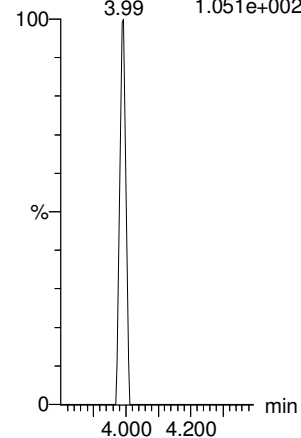
13C5-PFHxA

IB IB F15:MRM of 1 channel,ES-
318.0 > 272.9
1.714e+002



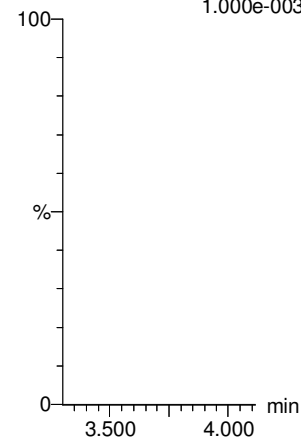
13C8-PFOA

IB IB F28:MRM of 1 channel,ES-
420.9 > 376.0
1.051e+002



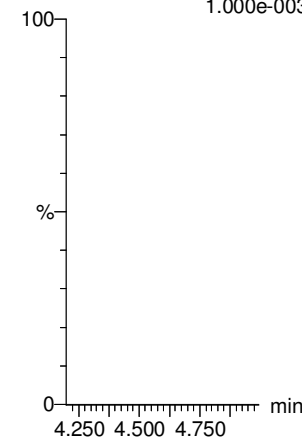
18O2-PFHxS

IB IB F25:MRM of 1 channel,ES-
- 403.0 > 103.0
1.000e-003



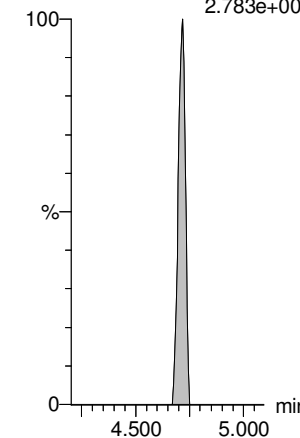
13C9-PFNA

IB IB F37:MRM of 1 channel,ES-
- 472.2 > 426.9
1.000e-003



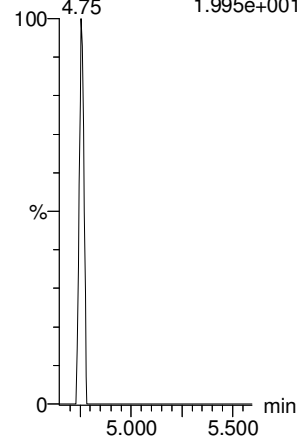
13C4-PFOS

IB IB F41:MRM of 1 channel,ES-
503 > 80.0
2.783e+002



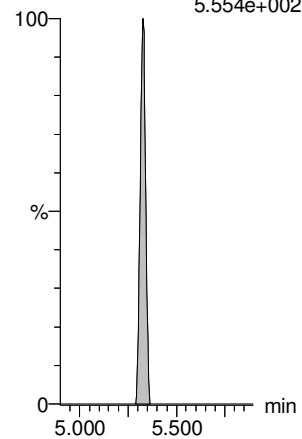
13C6-PFDA

IB IB F48:MRM of 1 channel,ES-
519.1 > 473.7
1.995e+001



13C7-PFUdA

IB IB F58:MRM of 1 channel,ES-
570.1 > 524.8
5.554e+002



Dataset: Untitled

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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	6.227	4701.382	1.00	1.33	0.017		0.0823		NO		
2	2 PFPrS	248.9 > 79.9		1711.878	1.00						NO		
3	3 3:3 FTCA	241.1 > 177.0		7882.732	1.00						NO		
4	4 PFPeA	263.1 > 218.9	5.331	7882.732	1.00	2.08	0.008		0.0152		NO		
5	5 PFBS	299.0 > 79.7		1711.878	1.00						NO		
6	6 4:2 FTS	327.0 > 306.9		2681.477	1.00						NO		
7	47 13C3-PFBA-EIS	216.1 > 171.8	4701.382		1.00	1.28	4701.382	12.500	13.5	108.0	NO		
8	51 13C3-PFBS-EIS	302.0 > 99	1711.878		1.00	2.51	1711.878	12.500	12.9	103.2	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8	7882.732		1.00	2.23	7882.732	12.500	12.5	100.1	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8	7882.732		1.00	2.23	7882.732	12.500	12.5	100.1	NO		
11	51 13C3-PFBS-EIS	302.0 > 99	1711.878		1.00	2.51	1711.878	12.500	12.9	103.2	NO		
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9	2681.477		1.00	2.96	2681.477	12.500	11.9	95.3	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0	66.310	14829.404	1.00	3.05	0.056		0.0470		NO		
15	8 PFPeS	349.0 > 80.0		1711.878	1.00						NO		
16	9 HFPO-DA	285.1 > 168.9		1257.637	1.00						NO		
17	10 5:3 FTCA	340.9 > 236.9		8625.975	1.00						NO		
18	11 PFHpA	363.0 > 318.9	22.020	8625.975	1.00	3.61	0.032		0.0230		NO		
19	12 ADONA	376.8 > 250.9	10.898	8625.975	1.00	3.77	0.016				NO		
20	57 13C2-PFHxA-EIS	315.0 > 270.0	14829.404		1.00	3.05	14829.404	12.500	13.0	104.0	NO		
21	51 13C3-PFBS-EIS	302.0 > 99	1711.878		1.00	2.51	1711.878	12.500	12.9	103.2	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	1257.637		1.00	3.27	1257.637	12.500	13.2	105.2	NO		
23	59 13C4-PFHpA-EIS	367.2 > 321.8	8625.975		1.00	3.67	8625.975	12.500	12.7	101.7	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8	8625.975		1.00	3.67	8625.975	12.500	12.7	101.7	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8	8625.975		1.00	3.67	8625.975	12.500	12.7	101.7	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0		3940.911	1.00						NO		
28	15 6:2 FTS	427 > 407.0		2223.923	1.00						NO		
29	16 L-PFOA	412.8 > 368.9	27.223	18654.504	1.00	4.19	0.018				NO		
30	18 PFecHS	460.8 > 381.0	5.687	18654.504	1.00	4.08	0.004		0.0816		NO	0.958	NO
31	19 PFHpS	448.9 > 80.0		4394.348	1.00						NO		
32	20 7:3 FTCA	441.0 > 337.0		17554.930	1.00						NO		
33	61 13C3-PFHxS-EIS	401.8 > 79.9	3940.911		1.00	3.81	3940.911	12.500	13.1	105.0	NO		
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9	2223.923		1.00	4.12	2223.923	12.500	12.4	99.4	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7	18654.504		1.00	4.18	18654.504	12.500	13.5	108.2	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7	18654.504		1.00	4.18	18654.504	12.500	13.5	108.2	NO		

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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	4394.348		1.00	4.70	4394.348	12.500	13.5	108.0	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	17554.930		1.00	4.62	17554.930	12.500	12.9	103.5	NO		
39	-1												
40	21 PFNA	463.0 > 418.8		17554.930	1.00						NO		
41	22 PFOSA	498.0 > 78.0	25.244	6314.237	1.00	4.66	0.050				NO		
42	23 L-PFOS	499 > 80	27.738	4394.348	1.00	4.70	0.079		0.159		NO		
43	25 9CI-PF30NS	531 > 351.0		4394.348	1.00						NO		
44	26 PFDA	513 > 468.8	70.644	17581.195	1.00	5.01	0.050				NO		
45	27 8:2 FTS	526.9 > 507.0	7.233	2533.474	1.00	4.97	0.036				NO		
46	65 13C5-PFNA-EIS	468.2 > 422.9	17554.930		1.00	4.62	17554.930	12.500	12.9	103.5	NO		
47	67 13C8-PFOSA-EIS	506. > 78	6314.237		1.00	4.67	6314.237	12.500	13.0	104.1	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	4394.348		1.00	4.70	4394.348	12.500	13.5	108.0	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	4394.348		1.00	4.70	4394.348	12.500	13.5	108.0	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	17581.195		1.00	5.00	17581.195	12.500	13.6	108.4	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2533.474		1.00	4.96	2533.474	12.500	12.9	103.4	NO		
52	-1												
53	28 PFNS	548.9 > 79.9		4394.348	1.00						NO		
54	29 L-MeFOSAA	570 > 419	8.342	14547.329	1.00	5.15	0.007		0.0422		NO		
55	31 L-EtFOSAA	583.9 > 419		11383.651	1.00						NO		
56	33 PFUdA	563.0 > 518.9	153.304	24968.045	1.00	5.32	0.077		0.0652		NO		
57	34 PFDS	599.0 > 80.0		4394.348	1.00						NO		
58	35 11CI-PF30UdS	630.9 > 450.9	43.321	28324.574	1.00	5.53	0.019		0.0236		NO		
59	73 13C8-PFOS-EIS	507.0 > 80	4394.348		1.00	4.70	4394.348	12.500	13.5	108.0	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	14547.329		1.00	5.14	14547.329	12.500	14.1	113.2	NO		
61	83 d5-N-EtFOSAA-EIS	589. > 419	11383.651		1.00	5.30	11383.651	12.500	11.4	90.8	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	24968.045		1.00	5.32	24968.045	12.500	12.6	100.8	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	4394.348		1.00	4.70	4394.348	12.500	13.5	108.0	NO		
64	85 13C2-PFDoA-EIS	615 > 570	28324.574		1.00	5.61	28324.574	12.500	11.9	95.3	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	43.223	1965.713	1.00	5.60	0.275		0.0788		NO	5.191	YES
67	37 PFDoA	612.9 > 569.0	289.742	28324.574	1.00	5.64	0.128		0.00620		NO	42.416	YES
68	38 N-MeFOSA	512.1 > 168.9		17677.881	1.00						NO		
69	39 PFTrDA	662.9 > 618.9	320.515	28324.574	1.00	5.86	0.141		0.0840		NO	8.340	NO
70	40 PFDoS	698.9 > 80	114.725	18801.447	1.00	5.88	0.076		0.322		NO	4.415	YES
71	41 PFTeDA	713.0 > 669.0	710.548	18801.447	1.00	6.07	0.472		0.275		NO	20.529	NO
72	87 13C2-10:2 FTS-EIS	633 > 79.9	1965.713		1.00	5.59	1965.713	12.500	12.8	102.6	NO		

Dataset: Untitled

Last Altered: Thursday, July 16, 2020 11:07:18 Pacific Daylight Time

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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFDoA-EIS	615 > 570	28324.574		1.00	5.61	28324.574	12.500	11.9	95.3	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	17677.881		1.00	5.64	17677.881	149.200	135	90.7	NO		
75	85 13C2-PFDoA-EIS	615 > 570	28324.574		1.00	5.61	28324.574	12.500	11.9	95.3	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	18801.447		1.00	6.07	18801.447	12.500	12.4	98.8	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	18801.447		1.00	6.07	18801.447	12.500	12.4	98.8	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	12.535	24940.955	1.00	6.06	0.075	0.0141			NO	2.139	NO
80	43 PFHxDA	813.1 > 768.6	697.140	28116.994	1.00	6.40	0.310	0.388			NO	25.003	NO
81	44 PFOA	913 > 869	768.976	28116.994	1.00	6.63	0.342	0.340			NO		
82	45 N-MeFOSE	616.1 > 58.9	59.009	11091.317	1.00	6.30	0.794	0.878			NO		
83	46 N-EtFOSE	630.1 > 58.9		12338.968	1.00						NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	4701.382	52.925	1.00	1.28	1110.388	12.500	1610	12859.8	YES		
85	93 d5-N-ETFOSE-EIS	531.1 > 168.9	24940.955		1.00	6.08	24940.955	149.200	131	87.9	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	28116.994		1.00	6.40	28116.994	12.500	12.9	103.0	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	28116.994		1.00	6.40	28116.994	12.500	12.9	103.0	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	11091.317		1.00	6.28	11091.317	149.200	126	84.7	NO		
89	99 d9-N-EtFOSE-EIS	639.2 > 58.8	12338.968		1.00	6.43	12338.968	149.200	135	90.6	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99			1.00			12.500			NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9			1.00			12.500			NO		
94	56 13C2-4:2 FTS-RSD	329.0 > 79.9			1.00			12.500			NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8			1.00			12.500			NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9			1.00			12.500			NO		
98	64 13C2-6:2 FTS-RSD	429.0 > 79.9	2223.923	10.466	1.00	4.12	2656.128	12.500	5000	40011.9	YES		
99	66 13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68 13C8-PFOA-RSD	506. > 78	6314.237	19.659	1.00	4.67	4014.851	12.500	17900	14292...	YES		
101	70 13C2-PFOA-RSD	414.9 > 369.7			1.00			12.500			NO		
102	74 13C8-PFOS-RSD	507.0 > 80	4394.348	10.466	1.00	4.70	5248.361	12.500	5280	42256.4	YES		
103	76 13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1												
105	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2579.170	10.466	1.00	4.96	3080.415	12.500	5320	42551.8	YES		
106	80 d3-N-MeFOSAA-RSD	573. > 419	14547.329	19.659	1.00	5.14	9249.790	12.500	18200	14585...	YES		
107	82 13C2-PFUdA-RSD	565 > 519.8	24968.045	19.659	1.00	5.32	15875.709	12.500	17800	14269...	YES		
108	84 d5-N-EtFOSAA-RSD	589. > 419	11383.651	19.659	1.00	5.30	7238.193	12.500	16300	13032...	YES		

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Name: 200715M1_13, Date: 15-Jul-2020, Time: 15:22:05, ID: IB, Description: IB

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86 13C2-PFDoA-RSD	615 > 570	29082.549		1.00	5.61		12.500					
110	88 13C2-10:2 FTS-RSD	633 > 79.9	1965.713	10.466	1.00	5.59	2347.737	12.500	5720	45768.6			YES
111	90 d3-N-MeFOSA-RSD	515.2 > 168.9	17677.881	19.659	1.00	5.64	11240.323	149.200	178000	11929...			YES
112	92 13C2-PFTeDA-RSD	715.1 > 669.7	18801.447	19.659	1.00	6.07	11954.733	12.500	16900	13533...			YES
113	94 d5-N-ETFOSA-RSD	531.1 > 168.9	24940.955	19.659	1.00	6.08	15858.484	149.200	180000	12033...			YES
114	96 13C2-PFHxDA-RSD	815 > 769.7	28116.994	19.659	1.00	6.40	17877.940	12.500	16500	13198...			YES
115	98 d7-N-MeFOSE-RSD	623.1 > 58.9	11091.317	19.659	1.00	6.28	7052.315	149.200	174000	11657...			YES
116	1... d9-N-EtFOSE-RSD	639.2 > 58.8	12338.968	19.659	1.00	6.43	7845.623	149.200	172000	11552...			YES
117	-1												
118	1... 13C4-PFBA	217.0 > 172.0	52.925	52.925	1.00	1.28	12.500	12.500	12.5	100.0			NO
119	1... 13C5-PFHxA	318.0 > 272.9			1.00			12.500					NO
120	1... 13C8-PFOA	420.9 > 376.0			1.00			12.500					NO
121	1... 18O2-PFHxS	403.0 > 103.0			1.00			12.500					NO
122	1... 13C9-PFNA	472.2 > 426.9			1.00			12.500					NO
123	1... 13C4-PFOS	503 > 80.0	10.466	10.466	1.00	4.72	12.500	12.500	12.5	100.0			NO
124	1... 13C6-PFDA	519.1 > 473.7			1.00			12.500					NO
125	1... 13C7-PFUDa	570.1 > 524.8	19.659	19.659	1.00	5.32	12.500	12.500	12.5	100.0			NO

Low point
 MeF05A 2.500

High point
 3:3 FTCA 100.000
 5:3 FTCA 100.000
 7:3 FTCA 100.000

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

✓
 07/17/20

Compound name: PFBA

Coefficient of Determination: R² = 0.999820
 Calibration curve: -0.000297504 * x² + 1.40919 * x + -0.0474863
 Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	1.29	96.079	3453.303	0.348	0.3	12.2	NO	1.000	NO	MM
2	2 200716M1_4	Standard	0.500	1.29	220.613	3692.767	0.747	0.6	12.7	NO	1.000	NO	MM
3	3 200716M1_5	Standard	1.000	1.29	320.405	3100.005	1.292	1.0	-4.9	NO	1.000	NO	MM
4	4 200716M1_6	Standard	2.000	1.27	654.410	3565.017	2.295	1.7	-16.9	NO	1.000	NO	bb
5	5 200716M1_7	Standard	5.000	1.23	1891.062	3495.002	6.763	4.8	-3.2	NO	1.000	NO	MM
6	6 200716M1_8	Standard	10.000	1.23	3814.997	3471.270	13.738	9.8	-2.0	NO	1.000	NO	bb
7	7 200716M1_9	Standard	50.000	1.23	20281.604	3595.130	70.518	50.6	1.2	NO	1.000	NO	bb
8	8 200716M1_10	Standard	100.000	1.23	41360.008	3687.270	140.212	101.7	1.7	NO	1.000	NO	db
9	9 200716M1_11	Standard	250.000	1.23	95665.031	3621.095	330.235	247.3	-1.1	NO	1.000	NO	MM
10	10 200716M1_12	Standard	500.000	1.23	183332.891	3629.817	631.343	501.1	0.2	NO	1.000	NO	MM

Compound name: PFPrS

Coefficient of Determination: R² = 0.998831
 Calibration curve: -4.72972e-005 * x² + 1.49835 * x + -0.098437
 Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	1.62	43.736	1474.470	0.371	0.3	25.3	NO	0.999	NO	MM
2	2 200716M1_4	Standard	0.500	1.62	67.891	1605.821	0.528	0.4	-16.3	NO	0.999	NO	MM
3	3 200716M1_5	Standard	1.000	1.62	163.537	1520.914	1.344	1.0	-3.7	NO	0.999	NO	MM
4	4 200716M1_6	Standard	2.000	1.59	309.083	1526.605	2.531	1.8	-12.3	NO	0.999	NO	MM
5	5 200716M1_7	Standard	5.000	1.56	910.513	1631.737	6.975	4.7	-5.6	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	1.56	1755.374	1608.129	13.645	9.2	-8.3	NO	0.999	NO	MM
7	7 200716M1_9	Standard	50.000	1.56	9153.282	1676.090	68.264	45.7	-8.6	NO	0.999	NO	MM
8	8 200716M1_10	Standard	100.000	1.55	18786.018	1575.796	149.020	99.8	-0.2	NO	0.999	NO	MM
9	9 200716M1_11	Standard	250.000	1.55	45730.496	1474.594	387.653	260.9	4.4	NO	0.999	NO	bb
10	10 200716M1_12	Standard	500.000	1.55	81750.523	1400.006	729.912	494.9	-1.0	NO	0.999	NO	MM

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Compound name: 3:3 FTCA

Coefficient of Determination: R² = 0.997883

Calibration curve: $-6.39309e-005 * x^2 + 0.0737422 * x + -0.00838705$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	2.09	6.053	6682.791	0.011	0.3	6.9	NO	0.998	NO	bb
2	2 200716M1_4	Standard	0.500	2.10	14.624	7211.443	0.025	0.5	-8.5	NO	0.998	NO	MM
3	3 200716M1_5	Standard	1.000	2.09	28.593	6916.715	0.052	0.8	-18.5	NO	0.998	NO	bb
4	4 200716M1_6	Standard	2.000	2.07	62.460	7256.326	0.108	1.6	-21.3	NO	0.998	NO	MM
5	5 200716M1_7	Standard	5.000	2.04	200.352	7396.624	0.339	4.7	-5.5	NO	0.998	NO	MM
6	6 200716M1_8	Standard	10.000	2.04	432.847	7652.071	0.707	9.8	-2.1	NO	0.998	NO	MM
7	7 200716M1_9	Standard	50.000	2.04	2107.193	7163.342	3.677	52.4	4.7	NO	0.998	NO	MM
8	8 200716M1_10	Standard	100.000	2.04	3934.447	7394.703	6.651	98.8	-1.2	NO	0.998	NO	MM
9	9 200716M1_11	Standard	250.000	2.04	2181.171	7153.824	3.811	54.4	-78.3	YES	0.998	NO	bbX
10	10 200716M1_12	Standard	500.000	2.04	3957.662	7107.080	6.961	103.9	-79.2	YES	0.998	NO	bbX

Compound name: PFPeA

Coefficient of Determination: R² = 0.999763

Calibration curve: $-0.000226674 * x^2 + 0.950046 * x + -0.0130612$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	2.23	111.807	6682.791	0.209	0.2	-6.4	NO	1.000	NO	bb
2	2 200716M1_4	Standard	0.500	2.23	258.540	7211.443	0.448	0.5	-2.9	NO	1.000	NO	bb
3	3 200716M1_5	Standard	1.000	2.23	522.792	6916.715	0.945	1.0	0.8	NO	1.000	NO	MM
4	4 200716M1_6	Standard	2.000	2.21	1078.383	7256.326	1.858	2.0	-1.5	NO	1.000	NO	MM
5	5 200716M1_7	Standard	5.000	2.18	2877.916	7396.624	4.864	5.1	2.8	NO	1.000	NO	bb
6	6 200716M1_8	Standard	10.000	2.18	5702.544	7652.071	9.315	9.8	-1.6	NO	1.000	NO	bb
7	7 200716M1_9	Standard	50.000	2.17	28219.354	7163.342	49.243	52.5	5.0	NO	1.000	NO	bb
8	8 200716M1_10	Standard	100.000	2.18	54534.660	7394.703	92.185	99.4	-0.6	NO	1.000	NO	bb
9	9 200716M1_11	Standard	250.000	2.17	125992.195	7153.824	220.148	246.2	-1.5	NO	1.000	NO	bb
10	10 200716M1_12	Standard	500.000	2.17	238690.266	7107.080	419.811	502.0	0.4	NO	1.000	NO	bb

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Compound name: PFBS

Coefficient of Determination: R² = 0.999771
 Calibration curve: $-0.000215653 * x^2 + 1.98325 * x + -0.0201386$
 Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	2.51	58.125	1474.470	0.493	0.3	3.4	NO	1.000	NO	bb
2	2 200716M1_4	Standard	0.500	2.52	108.479	1605.821	0.844	0.4	-12.8	NO	1.000	NO	bb
3	3 200716M1_5	Standard	1.000	2.52	226.144	1520.914	1.859	0.9	-5.3	NO	1.000	NO	bb
4	4 200716M1_6	Standard	2.000	2.49	484.715	1526.605	3.969	2.0	0.6	NO	1.000	NO	bb
5	5 200716M1_7	Standard	5.000	2.46	1406.073	1631.737	10.771	5.4	8.9	NO	1.000	NO	MM
6	6 200716M1_8	Standard	10.000	2.46	2583.337	1608.129	20.080	10.1	1.5	NO	1.000	NO	bb
7	7 200716M1_9	Standard	50.000	2.46	12973.508	1676.090	96.754	49.1	-1.9	NO	1.000	NO	MM
8	8 200716M1_10	Standard	100.000	2.46	25385.141	1575.796	201.368	102.7	2.7	NO	1.000	NO	bb
9	9 200716M1_11	Standard	250.000	2.46	56077.500	1474.594	475.364	246.3	-1.5	NO	1.000	NO	bb
10	10 200716M1_12	Standard	500.000	2.46	105313.641	1400.006	940.296	501.5	0.3	NO	1.000	NO	bb

Compound name: 4:2 FTS

Coefficient of Determination: R² = 0.999247
 Calibration curve: $-0.000648832 * x^2 + 2.55369 * x + 0.202418$
 Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	2.96	143.855	2354.683	0.764	0.2	-12.1	NO	0.999	NO	bb
2	2 200716M1_4	Standard	0.500	2.96	303.855	2527.022	1.503	0.5	1.9	NO	0.999	NO	bb
3	3 200716M1_5	Standard	1.000	2.96	550.866	2384.587	2.888	1.1	5.2	NO	0.999	NO	bb
4	4 200716M1_6	Standard	2.000	2.93	1056.193	2647.303	4.987	1.9	-6.3	NO	0.999	NO	MM
5	5 200716M1_7	Standard	5.000	2.92	2890.793	2753.717	13.122	5.1	1.3	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	2.91	5911.133	2689.098	27.477	10.7	7.1	NO	0.999	NO	MM
7	7 200716M1_9	Standard	50.000	2.92	26400.000	2554.653	129.176	51.2	2.3	NO	0.999	NO	MM
8	8 200716M1_10	Standard	100.000	2.92	49167.070	2381.582	258.059	103.7	3.7	NO	0.999	NO	MM
9	9 200716M1_11	Standard	250.000	2.92	103224.125	2243.658	575.088	239.7	-4.1	NO	0.999	NO	MM
10	10 200716M1_12	Standard	500.000	2.92	175020.734	1946.039	1124.211	504.9	1.0	NO	0.999	NO	MM

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Compound name: PFHxA

Coefficient of Determination: R² = 0.999388

Calibration curve: -0.000229273 * x² + 1.0725 * x + 0.0631198

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	3.04	303.818	12847.223	0.296	0.2	-13.3	NO	0.999	NO	MM
2	2 200716M1_4	Standard	0.500	3.04	597.291	13757.812	0.543	0.4	-10.6	NO	0.999	NO	MM
3	3 200716M1_5	Standard	1.000	3.05	1216.284	12271.497	1.239	1.1	9.7	NO	0.999	NO	MM
4	4 200716M1_6	Standard	2.000	3.02	2231.812	12606.678	2.213	2.0	0.3	NO	0.999	NO	bb
5	5 200716M1_7	Standard	5.000	3.00	6562.755	13704.264	5.986	5.5	10.6	NO	0.999	NO	bb
6	6 200716M1_8	Standard	10.000	3.00	12229.615	14221.752	10.749	10.0	-0.2	NO	0.999	NO	bb
7	7 200716M1_9	Standard	50.000	3.00	61940.789	14026.105	55.201	52.0	4.0	NO	0.999	NO	MM
8	8 200716M1_10	Standard	100.000	3.00	119813.063	13955.083	107.320	102.2	2.2	NO	0.999	NO	MM
9	9 200716M1_11	Standard	250.000	3.00	265663.094	13537.773	245.298	241.1	-3.6	NO	0.999	NO	MM
10	10 200716M1_12	Standard	500.000	3.00	474529.625	12291.006	482.598	504.3	0.9	NO	0.999	NO	MM

Compound name: PFPeS

Coefficient of Determination: R² = 0.999817

Calibration curve: -0.000908064 * x² + 2.24168 * x + -0.157153

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	3.26	44.034	1474.470	0.373	0.2	-5.3	NO	1.000	NO	bb
2	2 200716M1_4	Standard	0.500	3.25	117.275	1605.821	0.913	0.5	-4.5	NO	1.000	NO	bb
3	3 200716M1_5	Standard	1.000	3.25	252.082	1520.914	2.072	1.0	-0.5	NO	1.000	NO	bb
4	4 200716M1_6	Standard	2.000	3.23	539.914	1526.605	4.421	2.0	2.2	NO	1.000	NO	bb
5	5 200716M1_7	Standard	5.000	3.21	1470.326	1631.737	11.264	5.1	2.1	NO	1.000	NO	bb
6	6 200716M1_8	Standard	10.000	3.21	3094.036	1608.129	24.050	10.8	8.5	NO	1.000	NO	MM
7	7 200716M1_9	Standard	50.000	3.21	14270.886	1676.090	106.430	48.5	-3.0	NO	1.000	NO	bb
8	8 200716M1_10	Standard	100.000	3.21	27289.305	1575.796	216.472	100.7	0.7	NO	1.000	NO	MM
9	9 200716M1_11	Standard	250.000	3.21	59300.883	1474.594	502.688	249.5	-0.2	NO	1.000	NO	bb
10	10 200716M1_12	Standard	500.000	3.21	100134.461	1400.006	894.054	500.3	0.1	NO	1.000	NO	bb

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Compound name: HFPO-DA

Coefficient of Determination: R² = 0.999448

Calibration curve: $-0.000290861 * x^2 + 0.977886 * x + -0.0928594$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	3.27	14.559	1110.328	0.164	0.3	5.0	NO	0.999	NO	bb
2	2 200716M1_4	Standard	0.500	3.26	37.974	1095.816	0.433	0.5	7.6	NO	0.999	NO	bb
3	3 200716M1_5	Standard	1.000	3.27	73.894	1072.329	0.861	1.0	-2.4	NO	0.999	NO	bb
4	4 200716M1_6	Standard	2.000	3.24	184.604	1143.106	2.019	2.2	8.0	NO	0.999	NO	bb
5	5 200716M1_7	Standard	5.000	3.23	417.034	1191.018	4.377	4.6	-8.5	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	3.23	802.998	1152.428	8.710	9.0	-9.7	NO	0.999	NO	bb
7	7 200716M1_9	Standard	50.000	3.23	4019.885	1089.236	46.132	48.0	-4.1	NO	0.999	NO	bb
8	8 200716M1_10	Standard	100.000	3.23	8502.039	1075.038	98.857	104.4	4.4	NO	0.999	NO	bb
9	9 200716M1_11	Standard	250.000	3.23	17090.916	947.425	225.492	249.1	-0.3	NO	0.999	NO	bb
10	10 200716M1_12	Standard	500.000	3.23	30849.746	927.217	415.892	499.6	-0.1	NO	0.999	NO	bb

Compound name: 5:3 FTCA

Coefficient of Determination: R² = 0.998686

Calibration curve: $-0.000218146 * x^2 + 0.343278 * x + -0.0247894$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	3.60	44.643	7604.798	0.073	0.3	14.4	NO	0.999	NO	bb
2	2 200716M1_4	Standard	0.500	3.60	81.892	8449.176	0.121	0.4	-14.9	NO	0.999	NO	bb
3	3 200716M1_5	Standard	1.000	3.61	177.089	7776.597	0.285	0.9	-9.8	NO	0.999	NO	bb
4	4 200716M1_6	Standard	2.000	3.58	362.874	8177.523	0.555	1.7	-15.5	NO	0.999	NO	bb
5	5 200716M1_7	Standard	5.000	3.57	1123.489	8422.578	1.667	4.9	-1.1	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	3.57	2229.371	8653.238	3.220	9.5	-4.9	NO	0.999	NO	bb
7	7 200716M1_9	Standard	50.000	3.57	11340.576	8227.887	17.229	52.0	4.0	NO	0.999	NO	MM
8	8 200716M1_10	Standard	100.000	3.57	20443.789	8030.001	31.824	99.0	-1.0	NO	0.999	NO	MM
9	9 200716M1_11	Standard	250.000	3.57	11465.306	7403.116	19.359	58.7	-76.5	YES	0.999	NO	MMX
10	10 200716M1_12	Standard	500.000	3.57	20944.797	6876.236	38.075	120.2	-76.0	YES	0.999	NO	MMX

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Compound name: PFHpA

Coefficient of Determination: R² = 0.999227

Calibration curve: -0.00021511 * x² + 1.23781 * x + 0.0514585

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	3.66	226.357	7604.798	0.372	0.3	3.6	NO	0.999	NO	bb
2	2 200716M1_4	Standard	0.500	3.66	395.332	8449.176	0.585	0.4	-13.8	NO	0.999	NO	MM
3	3 200716M1_5	Standard	1.000	3.66	807.377	7776.597	1.298	1.0	0.7	NO	0.999	NO	bb
4	4 200716M1_6	Standard	2.000	3.64	1711.045	8177.523	2.615	2.1	3.6	NO	0.999	NO	bb
5	5 200716M1_7	Standard	5.000	3.63	4395.093	8422.578	6.523	5.2	4.7	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	3.63	8306.798	8653.238	12.000	9.7	-3.3	NO	0.999	NO	bb
7	7 200716M1_9	Standard	50.000	3.63	41933.602	8227.887	63.707	51.9	3.8	NO	0.999	NO	bb
8	8 200716M1_10	Standard	100.000	3.63	81182.000	8030.001	126.373	103.9	3.9	NO	0.999	NO	bb
9	9 200716M1_11	Standard	250.000	3.63	168551.609	7403.116	284.596	239.9	-4.0	NO	0.999	NO	bb
10	10 200716M1_12	Standard	500.000	3.63	313419.125	6876.236	569.751	504.5	0.9	NO	0.999	NO	bb

Compound name: ADONA

Coefficient of Determination: R² = 0.999876

Calibration curve: -0.000754205 * x² + 4.6315 * x + 0.0822599

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	3.77	756.924	7604.798	1.244	0.3	0.4	NO	1.000	NO	bb
2	2 200716M1_4	Standard	0.500	3.77	1581.078	8449.176	2.339	0.5	-2.5	NO	1.000	NO	bb
3	3 200716M1_5	Standard	1.000	3.77	3030.182	7776.597	4.871	1.0	3.4	NO	1.000	NO	bb
4	4 200716M1_6	Standard	2.000	3.75	6222.262	8177.523	9.511	2.0	1.8	NO	1.000	NO	bb
5	5 200716M1_7	Standard	5.000	3.74	15921.225	8422.578	23.629	5.1	1.8	NO	1.000	NO	bb
6	6 200716M1_8	Standard	10.000	3.74	30164.207	8653.238	43.574	9.4	-6.0	NO	1.000	NO	MM
7	7 200716M1_9	Standard	50.000	3.73	151031.281	8227.887	229.450	49.9	-0.1	NO	1.000	NO	bb
8	8 200716M1_10	Standard	100.000	3.74	298710.281	8030.001	464.991	102.1	2.1	NO	1.000	NO	bb
9	9 200716M1_11	Standard	250.000	3.74	651800.563	7403.116	1100.551	247.6	-1.0	NO	1.000	NO	bb
10	10 200716M1_12	Standard	500.000	3.74	1172059.375	6876.236	2130.634	500.9	0.2	NO	1.000	NO	MM

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Compound name: L-PFHxS

Coefficient of Determination: R² = 0.999787

Calibration curve: $-0.000166528 * x^2 + 1.06736 * x + -0.0560919$

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	3.80	58.654	3440.093	0.213	0.3	0.9	NO	1.000	NO	MM
2	2 200716M1_4	Standard	0.500	3.80	128.210	3674.576	0.436	0.5	-7.8	NO	1.000	NO	MM
3	3 200716M1_5	Standard	1.000	3.81	301.210	3601.989	1.045	1.0	3.2	NO	1.000	NO	MM
4	4 200716M1_6	Standard	2.000	3.78	650.626	3626.549	2.243	2.2	7.7	NO	1.000	NO	MM
5	5 200716M1_7	Standard	5.000	3.78	1632.847	3882.599	5.257	5.0	-0.4	NO	1.000	NO	MM
6	6 200716M1_8	Standard	10.000	3.77	3216.924	3936.627	10.215	9.6	-3.6	NO	1.000	NO	MM
7	7 200716M1_9	Standard	50.000	3.77	15649.410	3640.123	53.739	50.8	1.6	NO	1.000	NO	MM
8	8 200716M1_10	Standard	100.000	3.78	31133.463	3814.260	102.030	97.1	-2.9	NO	1.000	NO	MM
9	9 200716M1_11	Standard	250.000	3.77	68595.422	3296.484	260.108	253.8	1.5	NO	1.000	NO	MM
10	10 200716M1_12	Standard	500.000	3.78	126534.266	3223.684	490.643	498.5	-0.3	NO	1.000	NO	MM

Compound name: 6:2 FTS

Coefficient of Determination: R² = 0.997718

Calibration curve: $-0.00126953 * x^2 + 3.08666 * x + -0.0235817$

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	4.12	126.686	2220.564	0.713	0.2	-4.5	NO	0.998	NO	bb
2	2 200716M1_4	Standard	0.500	4.12	252.427	2317.970	1.361	0.4	-10.3	NO	0.998	NO	MM
3	3 200716M1_5	Standard	1.000	4.12	529.679	2233.133	2.965	1.0	-3.1	NO	0.998	NO	bb
4	4 200716M1_6	Standard	2.000	4.09	1182.000	2201.324	6.712	2.2	9.2	NO	0.998	NO	bb
5	5 200716M1_7	Standard	5.000	4.09	2945.213	2240.328	16.433	5.3	6.9	NO	0.998	NO	MM
6	6 200716M1_8	Standard	10.000	4.09	6323.104	2534.014	31.191	10.2	1.6	NO	0.998	NO	MM
7	7 200716M1_9	Standard	50.000	4.09	27175.547	2484.055	136.750	45.1	-9.7	NO	0.998	NO	MM
8	8 200716M1_10	Standard	100.000	4.09	56057.051	2163.266	323.914	109.9	9.9	NO	0.998	NO	MM
9	9 200716M1_11	Standard	250.000	4.09	109069.773	2035.267	669.874	240.9	-3.6	NO	0.998	NO	MM
10	10 200716M1_12	Standard	500.000	4.09	173093.109	1754.852	1232.961	503.9	0.8	NO	0.998	NO	MM

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Compound name: L-PFOA

Coefficient of Determination: R² = 0.999976

Calibration curve: -0.00045165 * x² + 1.46173 * x + -0.00544194

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	4.17	466.241	15266.421	0.382	0.3	6.0	NO	1.000	NO	MM
2	2 200716M1_4	Standard	0.500	4.17	928.826	17836.352	0.651	0.4	-10.2	NO	1.000	NO	MM
3	3 200716M1_5	Standard	1.000	4.17	1899.867	15933.414	1.490	1.0	2.4	NO	1.000	NO	MM
4	4 200716M1_6	Standard	2.000	4.15	4000.288	16806.707	2.975	2.0	2.0	NO	1.000	NO	MM
5	5 200716M1_7	Standard	5.000	4.14	9535.130	16605.633	7.178	4.9	-1.6	NO	1.000	NO	MM
6	6 200716M1_8	Standard	10.000	4.14	20191.242	17495.480	14.426	9.9	-1.0	NO	1.000	NO	MM
7	7 200716M1_9	Standard	50.000	4.14	98576.625	16932.582	72.771	50.6	1.2	NO	1.000	NO	MM
8	8 200716M1_10	Standard	100.000	4.14	184282.641	16273.101	141.555	99.9	-0.1	NO	1.000	NO	MM
9	9 200716M1_11	Standard	250.000	4.14	398969.594	14829.414	336.299	249.3	-0.3	NO	1.000	NO	MM
10	10 200716M1_12	Standard	500.000	4.14	683426.563	13815.776	618.339	500.4	0.1	NO	1.000	NO	bb

Compound name: PFecHS

Coefficient of Determination: R² = 0.999345

Calibration curve: -4.80554e-005 * x² + 0.441946 * x + -0.0241861

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	4.19	95.125	15266.421	0.078	0.2	-7.6	NO	0.999	NO	bb
2	2 200716M1_4	Standard	0.500	4.18	317.307	17836.352	0.222	0.6	11.6	NO	0.999	NO	bb
3	3 200716M1_5	Standard	1.000	4.19	523.010	15933.414	0.410	1.0	-1.7	NO	0.999	NO	bb
4	4 200716M1_6	Standard	2.000	4.17	1133.456	16806.707	0.843	2.0	-1.9	NO	0.999	NO	MM
5	5 200716M1_7	Standard	5.000	4.16	2926.938	16605.633	2.203	5.0	0.9	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	4.16	6176.838	17495.480	4.413	10.1	0.5	NO	0.999	NO	MM
7	7 200716M1_9	Standard	50.000	4.16	27910.578	16932.582	20.604	46.9	-6.2	NO	0.999	NO	bb
8	8 200716M1_10	Standard	100.000	4.16	60042.250	16273.101	46.121	105.6	5.6	NO	0.999	NO	bb
9	9 200716M1_11	Standard	250.000	4.16	125668.383	14829.414	105.928	246.3	-1.5	NO	0.999	NO	MM
10	10 200716M1_12	Standard	500.000	4.16	231384.500	13815.776	209.348	501.0	0.2	NO	0.999	NO	MM

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Compound name: PFHpS

Coefficient of Determination: R² = 0.999825

Calibration curve: -0.000126829 * x² + 0.901406 * x + 0.00523513

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	4.28	61.738	3737.801	0.206	0.2	-10.7	NO	1.000	NO	bb
2	2 200716M1_4	Standard	0.500	4.28	148.388	4280.788	0.433	0.5	-5.0	NO	1.000	NO	bb
3	3 200716M1_5	Standard	1.000	4.28	288.168	3620.178	0.995	1.1	9.8	NO	1.000	NO	bb
4	4 200716M1_6	Standard	2.000	4.26	623.665	4359.096	1.788	2.0	-1.1	NO	1.000	NO	bb
5	5 200716M1_7	Standard	5.000	4.26	1580.538	4053.160	4.874	5.4	8.1	NO	1.000	NO	MM
6	6 200716M1_8	Standard	10.000	4.26	3090.603	4321.339	8.940	9.9	-0.7	NO	1.000	NO	MM
7	7 200716M1_9	Standard	50.000	4.25	14972.957	4064.977	46.043	51.4	2.9	NO	1.000	NO	bb
8	8 200716M1_10	Standard	100.000	4.26	29531.225	4146.322	89.028	100.2	0.2	NO	1.000	NO	bb
9	9 200716M1_11	Standard	250.000	4.26	66534.945	3882.045	214.239	246.2	-1.5	NO	1.000	NO	MM
10	10 200716M1_12	Standard	500.000	4.26	115165.844	3424.007	420.435	501.9	0.4	NO	1.000	NO	bb

Compound name: 7:3 FTCA

Coefficient of Determination: R² = 0.992237

Calibration curve: -0.000707974 * x² + 0.389524 * x + -0.0487429

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	4.59	66.287	14785.480	0.056	0.3	7.7	NO	0.992	NO	bb
2	2 200716M1_4	Standard	0.500	4.59	164.656	13098.897	0.157	0.5	5.8	NO	0.992	NO	bb
3	3 200716M1_5	Standard	1.000	4.60	268.516	14623.358	0.230	0.7	-28.5	NO	0.992	NO	bb
4	4 200716M1_6	Standard	2.000	4.57	724.395	14657.138	0.618	1.7	-14.2	NO	0.992	NO	MM
5	5 200716M1_7	Standard	5.000	4.57	1952.638	15642.675	1.560	4.2	-16.8	NO	0.992	NO	bb
6	6 200716M1_8	Standard	10.000	4.57	4269.146	16090.073	3.317	8.8	-12.2	NO	0.992	NO	bb
7	7 200716M1_9	Standard	50.000	4.57	21204.178	13599.350	19.490	55.8	11.6	NO	0.992	NO	bb
8	8 200716M1_10	Standard	100.000	4.57	37315.738	15059.856	30.973	96.6	-3.4	NO	0.992	NO	bb
9	9 200716M1_11	Standard	250.000	4.57	20693.795	13958.328	18.532	52.8	-78.9	YES	0.992	NO	bbX
10	10 200716M1_12	Standard	500.000	4.57	36301.723	13377.763	33.920	108.7	-78.3	YES	0.992	NO	bbX

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Compound name: PFNA

Coefficient of Determination: R² = 0.999697

Calibration curve: $-0.000315416 * x^2 + 1.26868 * x + -0.0377432$

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	4.61	401.478	14785.480	0.339	0.3	18.9	NO	1.000	NO	MM
2	2 200716M1_4	Standard	0.500	4.61	499.370	13098.897	0.477	0.4	-18.9	NO	1.000	NO	bb
3	3 200716M1_5	Standard	1.000	4.61	1360.944	14623.358	1.163	0.9	-5.3	NO	1.000	NO	MM
4	4 200716M1_6	Standard	2.000	4.59	3125.300	14657.138	2.665	2.1	6.6	NO	1.000	NO	bb
5	5 200716M1_7	Standard	5.000	4.58	8327.477	15642.675	6.654	5.3	5.6	NO	1.000	NO	bb
6	6 200716M1_8	Standard	10.000	4.58	15529.951	16090.073	12.065	9.6	-4.4	NO	1.000	NO	MM
7	7 200716M1_9	Standard	50.000	4.58	64845.922	13599.350	59.604	47.6	-4.9	NO	1.000	NO	bb
8	8 200716M1_10	Standard	100.000	4.58	151508.016	15059.856	125.755	101.7	1.7	NO	1.000	NO	bb
9	9 200716M1_11	Standard	250.000	4.58	334773.750	13958.328	299.798	252.1	0.9	NO	1.000	NO	bb
10	10 200716M1_12	Standard	500.000	4.58	593062.813	13377.763	554.150	498.6	-0.3	NO	1.000	NO	bb

Compound name: PFOSA

Coefficient of Determination: R² = 0.996802

Calibration curve: $-0.000107401 * x^2 + 0.917942 * x + 0.0854965$

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	4.66	106.834	4730.386	0.282	0.2	-14.2	NO	0.997	NO	bb
2	2 200716M1_4	Standard	0.500	4.66	203.558	5444.975	0.467	0.4	-16.8	NO	0.997	NO	MM
3	3 200716M1_5	Standard	1.000	4.66	471.064	5057.359	1.164	1.2	17.5	NO	0.997	NO	bb
4	4 200716M1_6	Standard	2.000	4.64	960.172	6140.721	1.955	2.0	1.8	NO	0.997	NO	bb
5	5 200716M1_7	Standard	5.000	4.63	2489.037	6701.012	4.643	5.0	-0.6	NO	0.997	NO	bb
6	6 200716M1_8	Standard	10.000	4.63	4970.825	6671.915	9.313	10.1	0.6	NO	0.997	NO	bb
7	7 200716M1_9	Standard	50.000	4.63	25547.564	6134.731	52.055	57.0	14.0	NO	0.997	NO	MM
8	8 200716M1_10	Standard	100.000	4.63	49601.836	6578.007	94.257	103.9	3.9	NO	0.997	NO	MM
9	9 200716M1_11	Standard	250.000	4.63	104163.133	6329.902	205.697	230.2	-7.9	NO	0.997	NO	MM
10	10 200716M1_12	Standard	500.000	4.63	203366.516	5784.542	439.461	509.0	1.8	NO	0.997	NO	MM

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Compound name: L-PFOS

Coefficient of Determination: R² = 0.999295
 Calibration curve: $-6.16685e-005 * x^2 + 0.987343 * x + 0.00589475$
 Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	4.69	56.959	3737.801	0.190	0.2	-25.2	NO	0.999	NO	MM
2	2 200716M1_4	Standard	0.500	4.69	174.313	4280.788	0.509	0.5	1.9	NO	0.999	NO	MM
3	3 200716M1_5	Standard	1.000	4.69	349.579	3620.178	1.207	1.2	21.7	NO	0.999	NO	MM
4	4 200716M1_6	Standard	2.000	4.67	658.251	4359.096	1.888	1.9	-4.7	NO	0.999	NO	MM
5	5 200716M1_7	Standard	5.000	4.67	1733.045	4053.160	5.345	5.4	8.2	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	4.67	3245.953	4321.339	9.389	9.5	-4.9	NO	0.999	NO	MM
7	7 200716M1_9	Standard	50.000	4.67	17221.605	4064.977	52.957	53.8	7.6	NO	0.999	NO	MM
8	8 200716M1_10	Standard	100.000	4.67	32543.213	4146.322	98.109	100.0	-0.0	NO	0.999	NO	MM
9	9 200716M1_11	Standard	250.000	4.67	73384.391	3882.045	236.294	243.0	-2.8	NO	0.999	NO	MM
10	10 200716M1_12	Standard	500.000	4.67	131821.875	3424.007	481.241	503.2	0.6	NO	0.999	NO	MM

Compound name: 9CI-PF30NS

Coefficient of Determination: R² = 0.999210
 Calibration curve: $-0.000101636 * x^2 + 3.45837 * x + 0.0262883$
 Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	4.91	284.070	3737.801	0.950	0.3	6.8	NO	0.999	NO	bb
2	2 200716M1_4	Standard	0.500	4.92	513.628	4280.788	1.500	0.4	-14.8	NO	0.999	NO	MM
3	3 200716M1_5	Standard	1.000	4.91	989.181	3620.178	3.416	1.0	-2.0	NO	0.999	NO	bb
4	4 200716M1_6	Standard	2.000	4.89	2287.596	4359.096	6.560	1.9	-5.5	NO	0.999	NO	bb
5	5 200716M1_7	Standard	5.000	4.89	6119.588	4053.160	18.873	5.5	9.0	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	4.89	12614.813	4321.339	36.490	10.5	5.5	NO	0.999	NO	MM
7	7 200716M1_9	Standard	50.000	4.89	61209.754	4064.977	188.223	54.5	9.0	NO	0.999	NO	MM
8	8 200716M1_10	Standard	100.000	4.89	109747.578	4146.322	330.858	95.9	-4.1	NO	0.999	NO	MM
9	9 200716M1_11	Standard	250.000	4.89	263107.688	3882.045	847.194	246.8	-1.3	NO	0.999	NO	MM
10	10 200716M1_12	Standard	500.000	4.89	468549.375	3424.007	1710.530	502.0	0.4	NO	0.999	NO	MM

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Compound name: PFDA

Coefficient of Determination: R² = 0.999565

Calibration curve: $-0.000486054 * x^2 + 1.53502 * x + 0.0929487$

Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	4.98	551.140	13797.694	0.499	0.3	5.9	NO	1.000	NO	bb
2	2 200716M1_4	Standard	0.500	4.99	995.477	14520.313	0.857	0.5	-0.4	NO	1.000	NO	bb
3	3 200716M1_5	Standard	1.000	4.99	1784.035	14308.783	1.559	1.0	-4.5	NO	1.000	NO	MM
4	4 200716M1_6	Standard	2.000	4.96	3425.925	14510.879	2.951	1.9	-6.8	NO	1.000	NO	bb
5	5 200716M1_7	Standard	5.000	4.96	9287.652	15047.466	7.715	5.0	-0.5	NO	1.000	NO	bb
6	6 200716M1_8	Standard	10.000	4.96	19453.994	15237.587	15.959	10.4	3.7	NO	1.000	NO	MM
7	7 200716M1_9	Standard	50.000	4.96	85555.875	13846.010	77.239	51.1	2.2	NO	1.000	NO	MM
8	8 200716M1_10	Standard	100.000	4.96	183993.531	15038.225	152.938	102.9	2.9	NO	1.000	NO	MM
9	9 200716M1_11	Standard	250.000	4.96	382251.844	13916.746	343.338	242.2	-3.1	NO	1.000	NO	MM
10	10 200716M1_12	Standard	500.000	4.96	674295.000	12964.328	650.145	503.9	0.8	NO	1.000	NO	MM

Compound name: 8:2 FTS

Coefficient of Determination: R² = 0.999172

Calibration curve: $-0.00125897 * x^2 + 2.46671 * x + 0.0110557$

Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	4.95	126.471	2394.937	0.660	0.3	5.3	NO	0.999	NO	bb
2	2 200716M1_4	Standard	0.500	4.95	270.983	2689.803	1.259	0.5	1.2	NO	0.999	NO	bb
3	3 200716M1_5	Standard	1.000	4.96	425.016	2229.580	2.383	1.0	-3.8	NO	0.999	NO	bb
4	4 200716M1_6	Standard	2.000	4.93	999.280	2469.646	5.058	2.0	2.4	NO	0.999	NO	bb
5	5 200716M1_7	Standard	5.000	4.93	2404.479	2693.277	11.160	4.5	-9.4	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	4.93	5397.270	2574.366	26.207	10.7	6.8	NO	0.999	NO	MM
7	7 200716M1_9	Standard	50.000	4.93	23262.916	2523.174	115.246	47.9	-4.2	NO	0.999	NO	bb
8	8 200716M1_10	Standard	100.000	4.93	46676.125	2369.214	246.264	105.5	5.5	NO	0.999	NO	bb
9	9 200716M1_11	Standard	250.000	4.93	96220.352	2285.133	526.339	243.7	-2.5	NO	0.999	NO	MM
10	10 200716M1_12	Standard	500.000	4.93	169000.625	2289.998	922.493	503.2	0.6	NO	0.999	NO	MM

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Compound name: PFNS

Coefficient of Determination: R² = 0.999088

Calibration curve: $-0.000240145 * x^2 + 1.06036 * x + -0.0566042$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	5.05	49.002	3737.801	0.164	0.2	-16.8	NO	0.999	NO	bb
2	2 200716M1_4	Standard	0.500	5.05	207.446	4280.788	0.606	0.6	24.9	NO	0.999	NO	bb
3	3 200716M1_5	Standard	1.000	5.05	280.398	3620.178	0.968	1.0	-3.3	NO	0.999	NO	bb
4	4 200716M1_6	Standard	2.000	5.03	597.334	4359.096	1.713	1.7	-16.5	NO	0.999	NO	bb
5	5 200716M1_7	Standard	5.000	5.03	1737.160	4053.160	5.357	5.1	2.2	NO	0.999	NO	bb
6	6 200716M1_8	Standard	10.000	5.02	3777.934	4321.339	10.928	10.4	3.8	NO	0.999	NO	MM
7	7 200716M1_9	Standard	50.000	5.02	18380.299	4064.977	56.520	54.0	8.0	NO	0.999	NO	MM
8	8 200716M1_10	Standard	100.000	5.03	34470.234	4146.322	103.918	100.3	0.3	NO	0.999	NO	MM
9	9 200716M1_11	Standard	250.000	5.02	75018.555	3882.045	241.556	241.0	-3.6	NO	0.999	NO	MM
10	10 200716M1_12	Standard	500.000	5.03	129790.859	3424.007	473.827	504.6	0.9	NO	0.999	NO	MM

Compound name: L-MeFOSAA

Coefficient of Determination: R² = 0.999342

Calibration curve: $-0.000279389 * x^2 + 0.894746 * x + -0.0130983$

Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	5.14	180.799	11481.528	0.197	0.2	-6.1	NO	0.999	NO	MM
2	2 200716M1_4	Standard	0.500	5.14	457.130	12702.068	0.450	0.5	3.5	NO	0.999	NO	MM
3	3 200716M1_5	Standard	1.000	5.14	862.526	12164.494	0.886	1.0	0.6	NO	0.999	NO	MM
4	4 200716M1_6	Standard	2.000	5.12	1740.244	12847.561	1.693	1.9	-4.6	NO	0.999	NO	MM
5	5 200716M1_7	Standard	5.000	5.12	4694.579	13254.147	4.427	5.0	-0.6	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	5.12	9515.622	13757.930	8.646	9.7	-2.9	NO	0.999	NO	MM
7	7 200716M1_9	Standard	50.000	5.12	48065.996	13214.355	45.468	51.7	3.3	NO	0.999	NO	MM
8	8 200716M1_10	Standard	100.000	5.12	92375.711	12837.161	89.950	103.9	3.9	NO	0.999	NO	MM
9	9 200716M1_11	Standard	250.000	5.11	196191.734	12318.764	199.078	240.6	-3.8	NO	0.999	NO	MM
10	10 200716M1_12	Standard	500.000	5.12	356671.219	11723.827	380.285	504.5	0.9	NO	0.999	NO	MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Compound name: L-EtFOSAA

Coefficient of Determination: R² = 0.999761

Calibration curve: $-0.000145067 * x^2 + 0.904546 * x + -0.0579331$

Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	5.30	158.517	10929.339	0.181	0.3	5.8	NO	1.000	NO	MM
2	2 200716M1_4	Standard	0.500	5.30	386.316	11602.136	0.416	0.5	4.8	NO	1.000	NO	MM
3	3 200716M1_5	Standard	1.000	5.30	613.197	11547.045	0.664	0.8	-20.2	NO	1.000	NO	MM
4	4 200716M1_6	Standard	2.000	5.28	1660.356	11531.773	1.800	2.1	2.7	NO	1.000	NO	MM
5	5 200716M1_7	Standard	5.000	5.27	4367.151	11647.003	4.687	5.3	5.0	NO	1.000	NO	MM
6	6 200716M1_8	Standard	10.000	5.27	8750.762	12182.784	8.979	10.0	0.1	NO	1.000	NO	MM
7	7 200716M1_9	Standard	50.000	5.27	42801.898	11465.699	46.663	52.1	4.2	NO	1.000	NO	MM
8	8 200716M1_10	Standard	100.000	5.27	79444.992	11427.619	86.900	97.7	-2.3	NO	1.000	NO	MM
9	9 200716M1_11	Standard	250.000	5.27	171910.703	9917.195	216.683	249.6	-0.2	NO	1.000	NO	MM
10	10 200716M1_12	Standard	500.000	5.27	300648.969	9026.664	416.335	500.5	0.1	NO	1.000	NO	MM

Compound name: PFUdA

Coefficient of Determination: R² = 0.999622

Calibration curve: $-0.000334788 * x^2 + 0.940558 * x + 0.0390359$

Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	5.31	396.935	18394.889	0.270	0.2	-1.9	NO	1.000	NO	bb
2	2 200716M1_4	Standard	0.500	5.31	883.894	23035.406	0.480	0.5	-6.3	NO	1.000	NO	MM
3	3 200716M1_5	Standard	1.000	5.31	1571.822	19821.711	0.991	1.0	1.3	NO	1.000	NO	MM
4	4 200716M1_6	Standard	2.000	5.30	3330.596	21651.639	1.923	2.0	0.2	NO	1.000	NO	MM
5	5 200716M1_7	Standard	5.000	5.29	9223.955	23844.900	4.835	5.1	2.2	NO	1.000	NO	bb
6	6 200716M1_8	Standard	10.000	5.29	17717.332	23332.625	9.492	10.1	0.9	NO	1.000	NO	MM
7	7 200716M1_9	Standard	50.000	5.29	89200.398	22756.363	48.998	53.1	6.1	NO	1.000	NO	MM
8	8 200716M1_10	Standard	100.000	5.29	166223.000	23131.418	89.825	98.9	-1.1	NO	1.000	NO	MM
9	9 200716M1_11	Standard	250.000	5.29	351001.188	20850.883	210.423	245.1	-2.0	NO	1.000	NO	MM
10	10 200716M1_12	Standard	500.000	5.29	628425.688	20222.676	388.441	503.0	0.6	NO	1.000	NO	MM

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Compound name: PFDS

Coefficient of Determination: R² = 0.999238

Calibration curve: $-2.28685e-005 * x^2 + 0.814751 * x + -0.00795756$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	5.36	53.075	3737.801	0.177	0.2	-9.0	NO	0.999	NO	MM
2	2 200716M1_4	Standard	0.500	5.36	128.649	4280.788	0.376	0.5	-5.8	NO	0.999	NO	bb
3	3 200716M1_5	Standard	1.000	5.36	228.849	3620.178	0.790	1.0	-2.0	NO	0.999	NO	MM
4	4 200716M1_6	Standard	2.000	5.34	531.359	4359.096	1.524	1.9	-6.0	NO	0.999	NO	bb
5	5 200716M1_7	Standard	5.000	5.34	1502.547	4053.160	4.634	5.7	14.0	NO	0.999	NO	bb
6	6 200716M1_8	Standard	10.000	5.34	2805.338	4321.339	8.115	10.0	-0.3	NO	0.999	NO	MM
7	7 200716M1_9	Standard	50.000	5.34	14210.186	4064.977	43.697	53.7	7.4	NO	0.999	NO	MM
8	8 200716M1_10	Standard	100.000	5.34	27041.357	4146.322	81.522	100.4	0.4	NO	0.999	NO	MM
9	9 200716M1_11	Standard	250.000	5.34	60740.793	3882.045	195.582	241.7	-3.3	NO	0.999	NO	MM
10	10 200716M1_12	Standard	500.000	5.34	110833.930	3424.007	404.621	503.8	0.8	NO	0.999	NO	MM

Compound name: 11CI-PF30UdS

Coefficient of Determination: R² = 0.999060

Calibration curve: $-2.94036e-006 * x^2 + 0.585056 * x + 0.0114915$

Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	5.52	326.230	24835.223	0.164	0.3	4.4	NO	0.999	NO	bb
2	2 200716M1_4	Standard	0.500	5.52	641.217	24685.922	0.325	0.5	7.1	NO	0.999	NO	bb
3	3 200716M1_5	Standard	1.000	5.53	1108.547	24152.318	0.574	1.0	-3.9	NO	0.999	NO	bb
4	4 200716M1_6	Standard	2.000	5.51	2459.564	25851.379	1.189	2.0	0.7	NO	0.999	NO	bb
5	5 200716M1_7	Standard	5.000	5.51	6386.500	27134.795	2.942	5.0	0.2	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	5.51	11806.389	27077.182	5.450	9.3	-7.0	NO	0.999	NO	MM
7	7 200716M1_9	Standard	50.000	5.51	63314.883	24350.934	32.501	55.5	11.1	NO	0.999	NO	MM
8	8 200716M1_10	Standard	100.000	5.51	118852.828	26451.115	56.166	96.0	-4.0	NO	0.999	NO	MM
9	9 200716M1_11	Standard	250.000	5.51	268806.781	23214.963	144.738	247.7	-0.9	NO	0.999	NO	MM
10	10 200716M1_12	Standard	500.000	5.51	494299.438	21114.590	292.629	501.4	0.3	NO	0.999	NO	MM

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Compound name: 10:2 FTS

Coefficient of Determination: R² = 0.999434

Calibration curve: -0.00156627 * x² + 3.35002 * x + 0.00744276

Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	5.58	141.615	1747.449	1.013	0.3	20.1	NO	0.999	NO	MM
2	2 200716M1_4	Standard	0.500	5.58	190.915	1846.451	1.292	0.4	-23.3	NO	0.999	NO	bb
3	3 200716M1_5	Standard	1.000	5.58	430.510	1652.811	3.256	1.0	-3.0	NO	0.999	NO	MM
4	4 200716M1_6	Standard	2.000	5.57	976.442	1625.294	7.510	2.2	12.1	NO	0.999	NO	MM
5	5 200716M1_7	Standard	5.000	5.57	2507.986	1945.996	16.110	4.8	-3.6	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	5.57	5371.652	1955.315	34.340	10.3	3.0	NO	0.999	NO	MM
7	7 200716M1_9	Standard	50.000	5.56	22998.764	1881.247	152.816	46.6	-6.7	NO	0.999	NO	MM
8	8 200716M1_10	Standard	100.000	5.57	42540.832	1648.753	322.523	101.0	1.0	NO	0.999	NO	MM
9	9 200716M1_11	Standard	250.000	5.56	83886.258	1393.946	752.237	254.9	2.0	NO	0.999	NO	MM
10	10 200716M1_12	Standard	500.000	5.56	146818.594	1436.501	1277.571	496.7	-0.7	NO	0.999	NO	MM

Compound name: PFD0A

Coefficient of Determination: R² = 0.999461

Calibration curve: -0.000274562 * x² + 0.985606 * x + 0.012166

Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	5.60	450.357	24835.223	0.227	0.2	-12.9	NO	0.999	NO	MM
2	2 200716M1_4	Standard	0.500	5.60	1010.777	24685.922	0.512	0.5	1.4	NO	0.999	NO	MM
3	3 200716M1_5	Standard	1.000	5.60	1901.403	24152.318	0.984	1.0	-1.4	NO	0.999	NO	MM
4	4 200716M1_6	Standard	2.000	5.58	4399.693	25851.379	2.127	2.1	7.4	NO	0.999	NO	bb
5	5 200716M1_7	Standard	5.000	5.58	11306.596	27134.795	5.209	5.3	5.6	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	5.58	21576.281	27077.182	9.961	10.1	1.2	NO	0.999	NO	MM
7	7 200716M1_9	Standard	50.000	5.58	99049.258	24350.934	50.845	52.3	4.7	NO	0.999	NO	bb
8	8 200716M1_10	Standard	100.000	5.58	205839.875	26451.115	97.274	101.6	1.6	NO	0.999	NO	MM
9	9 200716M1_11	Standard	250.000	5.58	412144.500	23214.963	221.917	241.4	-3.4	NO	0.999	NO	MM
10	10 200716M1_12	Standard	500.000	5.58	721821.313	21114.590	427.324	504.4	0.9	NO	0.999	NO	MM

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Compound name: N-MeFOSA

Coefficient of Determination: R² = 0.998609

Calibration curve: $-9.93717e-005 * x^2 + 0.923851 * x + 0.828296$

Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	1.250	5.62	100.252	15227.502	0.982	0.2	-86.7	YES	0.999	NO	bbX
2	2 200716M1_4	Standard	2.500	5.62	309.524	16091.911	2.870	2.2	-11.6	NO	0.999	NO	MM
3	3 200716M1_5	Standard	5.000	5.63	534.082	15539.526	5.128	4.7	-6.9	NO	0.999	NO	MM
4	4 200716M1_6	Standard	10.000	5.59	1178.575	17586.680	9.999	9.9	-0.6	NO	0.999	NO	MM
5	5 200716M1_7	Standard	25.000	5.58	3325.360	18962.348	26.165	27.5	10.0	NO	0.999	NO	MM
6	6 200716M1_8	Standard	50.000	5.58	6629.864	20090.084	49.237	52.7	5.4	NO	0.999	NO	MM
7	7 200716M1_9	Standard	250.000	5.57	31477.293	20120.025	233.420	259.0	3.6	NO	0.999	NO	MM
8	8 200716M1_10	Standard	500.000	5.58	60650.383	19852.748	455.808	521.8	4.4	NO	0.999	NO	MM
9	9 200716M1_11	Standard	1250.000	5.57	125946.672	19790.193	949.523	1175.5	-6.0	NO	0.999	NO	MM
10	10 200716M1_12	Standard	2500.000	5.57	218590.688	19068.180	1710.375	2549.7	2.0	NO	0.999	NO	MM

Compound name: PFTrDA

Coefficient of Determination: R² = 0.997587

Calibration curve: $-8.89778e-005 * x^2 + 0.925933 * x + 0.03811$

Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	5.85	467.936	24835.223	0.236	0.2	-14.7	NO	0.998	NO	MM
2	2 200716M1_4	Standard	0.500	5.85	1070.082	24685.922	0.542	0.5	8.8	NO	0.998	NO	bb
3	3 200716M1_5	Standard	1.000	5.85	1772.447	24152.318	0.917	0.9	-5.0	NO	0.998	NO	MM
4	4 200716M1_6	Standard	2.000	5.83	3983.977	25851.379	1.926	2.0	2.0	NO	0.998	NO	bb
5	5 200716M1_7	Standard	5.000	5.83	10990.504	27134.795	5.063	5.4	8.6	NO	0.998	NO	MM
6	6 200716M1_8	Standard	10.000	5.83	21963.611	27077.182	10.139	10.9	9.2	NO	0.998	NO	MM
7	7 200716M1_9	Standard	50.000	5.83	104289.258	24350.934	53.535	58.1	16.2	NO	0.998	NO	MM
8	8 200716M1_10	Standard	100.000	5.83	181486.938	26451.115	85.765	93.4	-6.6	NO	0.998	NO	MM
9	9 200716M1_11	Standard	250.000	5.83	408052.688	23214.963	219.714	242.9	-2.8	NO	0.998	NO	MM
10	10 200716M1_12	Standard	500.000	5.83	750522.063	21114.590	444.315	504.2	0.8	NO	0.998	NO	MM

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Compound name: PFDoS

Coefficient of Determination: R² = 0.999492

Calibration curve: $-8.00501e-005 * x^2 + 0.27558 * x + -0.0164536$

Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	5.87	76.344	16837.004	0.057	0.3	6.2	NO	0.999	NO	bb
2	2 200716M1_4	Standard	0.500	5.87	180.986	18082.414	0.125	0.5	2.8	NO	0.999	NO	bb
3	3 200716M1_5	Standard	1.000	5.87	309.546	16005.106	0.242	0.9	-6.3	NO	0.999	NO	bb
4	4 200716M1_6	Standard	2.000	5.86	740.882	17128.986	0.541	2.0	1.1	NO	0.999	NO	bb
5	5 200716M1_7	Standard	5.000	5.86	1959.289	18314.139	1.337	4.9	-1.6	NO	0.999	NO	MM
6	6 200716M1_8	Standard	10.000	5.86	3805.047	18416.514	2.583	9.5	-5.4	NO	0.999	NO	MM
7	7 200716M1_9	Standard	50.000	5.86	18809.229	17106.428	13.744	50.7	1.4	NO	0.999	NO	MM
8	8 200716M1_10	Standard	100.000	5.86	37646.168	16906.807	27.834	104.2	4.2	NO	0.999	NO	MM
9	9 200716M1_11	Standard	250.000	5.86	80618.383	16216.787	62.141	242.7	-2.9	NO	0.999	NO	MM
10	10 200716M1_12	Standard	500.000	5.86	142096.875	15002.484	118.394	503.2	0.6	NO	0.999	NO	MM

Compound name: PFTeDA

Coefficient of Determination: R² = 0.999509

Calibration curve: $-0.00050905 * x^2 + 1.47844 * x + 0.00871595$

Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	6.06	499.906	16837.004	0.371	0.2	-1.9	NO	1.000	NO	MM
2	2 200716M1_4	Standard	0.500	6.06	1064.238	18082.414	0.736	0.5	-1.6	NO	1.000	NO	bb
3	3 200716M1_5	Standard	1.000	6.06	2038.200	16005.106	1.592	1.1	7.1	NO	1.000	NO	MM
4	4 200716M1_6	Standard	2.000	6.05	3912.278	17128.986	2.855	1.9	-3.7	NO	1.000	NO	MM
5	5 200716M1_7	Standard	5.000	6.05	10760.650	18314.139	7.344	5.0	-0.6	NO	1.000	NO	MM
6	6 200716M1_8	Standard	10.000	6.05	21495.652	18416.514	14.590	9.9	-1.0	NO	1.000	NO	MM
7	7 200716M1_9	Standard	50.000	6.05	103658.023	17106.428	75.745	52.2	4.3	NO	1.000	NO	MM
8	8 200716M1_10	Standard	100.000	6.05	197337.656	16906.807	145.901	102.3	2.3	NO	1.000	NO	MM
9	9 200716M1_11	Standard	250.000	6.05	425082.281	16216.787	327.656	241.7	-3.3	NO	1.000	NO	MM
10	10 200716M1_12	Standard	500.000	6.05	739453.125	15002.484	616.109	504.3	0.9	NO	1.000	NO	MM

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Compound name: N-EtFOSA

Coefficient of Determination: R² = 0.999270

Calibration curve: $-7.20593e-005 * x^2 + 0.827682 * x + 0.289092$

Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	1.250	6.07	204.267	22555.848	1.351	1.3	2.7	NO	0.999	NO	bb
2	2 200716M1_4	Standard	2.500	6.07	354.181	24479.529	2.159	2.3	-9.6	NO	0.999	NO	bb
3	3 200716M1_5	Standard	5.000	6.07	632.857	22901.035	4.123	4.6	-7.3	NO	0.999	NO	bb
4	4 200716M1_6	Standard	10.000	6.05	1472.606	26044.004	8.436	9.9	-1.5	NO	0.999	NO	MM
5	5 200716M1_7	Standard	25.000	6.04	4103.705	27309.660	22.420	26.8	7.2	NO	0.999	NO	bb
6	6 200716M1_8	Standard	50.000	6.04	8196.923	27927.477	43.791	52.8	5.6	NO	0.999	NO	MM
7	7 200716M1_9	Standard	250.000	6.04	38908.344	27722.570	209.401	258.5	3.4	NO	0.999	NO	MM
8	8 200716M1_10	Standard	500.000	6.04	74442.984	27352.152	406.070	513.2	2.6	NO	0.999	NO	MM
9	9 200716M1_11	Standard	1250.000	6.04	155760.438	26168.555	888.068	1197.4	-4.2	NO	0.999	NO	MM
10	10 200716M1_12	Standard	2500.000	6.04	264212.188	24132.254	1633.517	2530.9	1.2	NO	0.999	NO	MM

Compound name: PFHxDA

Coefficient of Determination: R² = 0.999734

Calibration curve: $-0.000214437 * x^2 + 0.672593 * x + 0.0981787$

Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	6.39	519.541	24767.301	0.262	0.2	-2.4	NO	1.000	NO	bb
2	2 200716M1_4	Standard	0.500	6.39	892.936	25781.379	0.433	0.5	-0.4	NO	1.000	NO	MM
3	3 200716M1_5	Standard	1.000	6.39	1513.078	24557.643	0.770	1.0	-0.1	NO	1.000	NO	MM
4	4 200716M1_6	Standard	2.000	6.38	2921.935	26151.498	1.397	1.9	-3.4	NO	1.000	NO	MM
5	5 200716M1_7	Standard	5.000	6.38	7468.726	26518.660	3.521	5.1	1.9	NO	1.000	NO	MM
6	6 200716M1_8	Standard	10.000	6.38	14934.665	26798.934	6.966	10.2	2.4	NO	1.000	NO	MM
7	7 200716M1_9	Standard	50.000	6.38	70871.578	26271.545	33.721	50.8	1.6	NO	1.000	NO	MM
8	8 200716M1_10	Standard	100.000	6.38	138057.047	25896.428	66.639	102.3	2.3	NO	1.000	NO	MM
9	9 200716M1_11	Standard	250.000	6.38	304118.813	25131.242	151.265	243.7	-2.5	NO	1.000	NO	MM
10	10 200716M1_12	Standard	500.000	6.38	544228.375	23934.084	284.233	503.2	0.6	NO	1.000	NO	MM

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Compound name: PFODA

Coefficient of Determination: R² = 0.999567

Calibration curve: -0.000300502 * x² + 1.00594 * x + 0.0050702

Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	0.250	6.62	481.594	24767.301	0.243	0.2	-5.4	NO	1.000	NO	bb
2	2 200716M1_4	Standard	0.500	6.62	1074.081	25781.379	0.521	0.5	2.5	NO	1.000	NO	MM
3	3 200716M1_5	Standard	1.000	6.62	1948.230	24557.643	0.992	1.0	-1.9	NO	1.000	NO	MM
4	4 200716M1_6	Standard	2.000	6.61	4162.985	26151.498	1.990	2.0	-1.3	NO	1.000	NO	MM
5	5 200716M1_7	Standard	5.000	6.61	10877.262	26518.660	5.127	5.1	2.0	NO	1.000	NO	MM
6	6 200716M1_8	Standard	10.000	6.61	22193.588	26798.934	10.352	10.3	3.2	NO	1.000	NO	MM
7	7 200716M1_9	Standard	50.000	6.61	107010.273	26271.545	50.915	51.4	2.8	NO	1.000	NO	MM
8	8 200716M1_10	Standard	100.000	6.61	207112.156	25896.428	99.971	102.5	2.5	NO	1.000	NO	MM
9	9 200716M1_11	Standard	250.000	6.61	453808.594	25131.242	225.719	241.9	-3.3	NO	1.000	NO	MM
10	10 200716M1_12	Standard	500.000	6.61	824720.500	23934.084	430.725	504.1	0.8	NO	1.000	NO	MM

Compound name: N-MeFOSE

Coefficient of Determination: R² = 0.999593

Calibration curve: -2.13611e-005 * x² + 0.944853 * x + 0.455482

Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	1.250	6.29	101.371	9974.983	1.516	1.1	-10.2	NO	1.000	NO	bb
2	2 200716M1_4	Standard	2.500	6.29	240.815	11742.650	3.060	2.8	10.3	NO	1.000	NO	bb
3	3 200716M1_5	Standard	5.000	6.29	363.989	9481.713	5.728	5.6	11.6	NO	1.000	NO	MM
4	4 200716M1_6	Standard	10.000	6.29	855.972	11784.808	10.837	11.0	9.9	NO	1.000	NO	MM
5	5 200716M1_7	Standard	25.000	6.29	2245.665	12859.286	26.055	27.1	8.4	NO	1.000	NO	MM
6	6 200716M1_8	Standard	50.000	6.29	4606.597	13439.767	51.140	53.7	7.4	NO	1.000	NO	MM
7	7 200716M1_9	Standard	250.000	6.29	22023.326	13565.212	242.228	257.4	3.0	NO	1.000	NO	MM
8	8 200716M1_10	Standard	500.000	6.29	41207.352	13164.023	467.041	499.5	-0.1	NO	1.000	NO	MM
9	9 200716M1_11	Standard	1250.000	6.29	102265.180	13592.341	1122.541	1221.3	-2.3	NO	1.000	NO	MM
10	10 200716M1_12	Standard	2500.000	6.29	196081.109	13053.414	2241.199	2514.5	0.6	NO	1.000	NO	MM

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Compound name: N-EtFOSE

Coefficient of Determination: R² = 0.998893

Calibration curve: $-2.3498e-005 * x^2 + 1.02958 * x + 0.578144$

Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	1.250	6.44	107.685	10623.848	1.512	0.9	-27.4	NO	0.999	NO	MM
2	2 200716M1_4	Standard	2.500	6.43	249.658	11288.930	3.300	2.6	5.7	NO	0.999	NO	bb
3	3 200716M1_5	Standard	5.000	6.44	444.574	10991.662	6.035	5.3	6.0	NO	0.999	NO	MM
4	4 200716M1_6	Standard	10.000	6.43	984.136	13351.052	10.998	10.1	1.2	NO	0.999	NO	MM
5	5 200716M1_7	Standard	25.000	6.43	2837.505	15316.232	27.641	26.3	5.2	NO	0.999	NO	MM
6	6 200716M1_8	Standard	50.000	6.43	5218.854	14369.110	54.189	52.1	4.3	NO	0.999	NO	MM
7	7 200716M1_9	Standard	250.000	6.43	26050.164	14411.063	269.701	263.0	5.2	NO	0.999	NO	MM
8	8 200716M1_10	Standard	500.000	6.43	54219.957	15319.813	528.049	518.5	3.7	NO	0.999	NO	MM
9	9 200716M1_11	Standard	1250.000	6.43	121375.961	15217.984	1189.993	1187.4	-5.0	NO	0.999	NO	MM
10	10 200716M1_12	Standard	2500.000	6.43	233465.484	14200.184	2453.000	2527.8	1.1	NO	0.999	NO	MM

Compound name: 13C3-PFBA-EIS

Response Factor: 277.702

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	1.29	3453.303		3453.303	12.4	-0.5	NO		NO	MMX
2	2 200716M1_4	Standard	12.500	1.29	3692.767		3692.767	13.3	6.4	NO		NO	MMX
3	3 200716M1_5	Standard	12.500	1.29	3100.005		3100.005	11.2	-10.7	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	1.27	3565.017		3565.017	12.8	2.7	NO		NO	MMX
5	5 200716M1_7	Standard	12.500	1.23	3495.002		3495.002	12.6	0.7	NO		NO	MMX
6	6 200716M1_8	Standard	12.500	1.22	3471.270		3471.270	12.5	0.0	NO		NO	MM
7	7 200716M1_9	Standard	12.500	1.23	3595.130		3595.130	12.9	3.6	NO		NO	bbX
8	8 200716M1_10	Standard	12.500	1.23	3687.270		3687.270	13.3	6.2	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	1.23	3621.095		3621.095	13.0	4.3	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	1.23	3629.817		3629.817	13.1	4.6	NO		NO	MMX

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Compound name: 13C3-PFBA-RSD

Response Factor: 0.692274

RRF SD: 0.0264144, Relative SD: 3.81559

Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	1.29	3467.276	4667.732	9.285	13.4	7.3	NO		NO	MM
2	2 200716M1_4	Standard	12.500	1.29	3683.424	5209.174	8.839	12.8	2.1	NO		NO	MM
3	3 200716M1_5	Standard	12.500	1.29	3100.005	4750.278	8.157	11.8	-5.7	NO		NO	bb
4	4 200716M1_6	Standard	12.500	1.27	3589.130	5172.902	8.673	12.5	0.2	NO		NO	MM
5	5 200716M1_7	Standard	12.500	1.23	3491.953	5250.818	8.313	12.0	-3.9	NO		NO	MM
6	6 200716M1_8	Standard	12.500	1.22	3476.025	5136.342	8.459	12.2	-2.2	NO		NO	MM
7	7 200716M1_9	Standard	12.500	1.23	3595.130	5278.134	8.514	12.3	-1.6	NO		NO	bb
8	8 200716M1_10	Standard	12.500	1.23	3686.979	5142.237	8.962	12.9	3.6	NO		NO	MM
9	9 200716M1_11	Standard	12.500	1.23	3645.338	5336.839	8.538	12.3	-1.3	NO		NO	MM
10	10 200716M1_12	Standard	12.500	1.23	3640.225	5175.000	8.793	12.7	1.6	NO		NO	MM

Compound name: 13C3-PFPeA-EIS

Response Factor: 612.166

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	2.23	6682.791		6682.791	10.9	-12.7	NO		NO	MMX
2	2 200716M1_4	Standard	12.500	2.23	7211.443		7211.443	11.8	-5.8	NO		NO	bbX
3	3 200716M1_5	Standard	12.500	2.23	6916.715		6916.715	11.3	-9.6	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	2.21	7256.326		7256.326	11.9	-5.2	NO		NO	bbX
5	5 200716M1_7	Standard	12.500	2.18	7396.624		7396.624	12.1	-3.3	NO		NO	bbX
6	6 200716M1_8	Standard	12.500	2.18	7652.071		7652.071	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	2.17	7163.342		7163.342	11.7	-6.4	NO		NO	bbX
8	8 200716M1_10	Standard	12.500	2.17	7394.703		7394.703	12.1	-3.4	NO		NO	bbX
9	9 200716M1_11	Standard	12.500	2.17	7153.824		7153.824	11.7	-6.5	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	2.17	7107.080		7107.080	11.6	-7.1	NO		NO	MMX

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Compound name: 13C3-PFPeA-RSD

Response Factor: 0.477917

RRF SD: 0.0199706, Relative SD: 4.17867

Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	2.23	6685.683	13406.339	6.234	13.0	4.3	NO		NO	MM
2	2 200716M1_4	Standard	12.500	2.23	7211.443	15290.270	5.895	12.3	-1.3	NO		NO	bb
3	3 200716M1_5	Standard	12.500	2.23	6916.715	14961.682	5.779	12.1	-3.3	NO		NO	bb
4	4 200716M1_6	Standard	12.500	2.21	7256.326	14831.448	6.116	12.8	2.4	NO		NO	bb
5	5 200716M1_7	Standard	12.500	2.18	7557.952	16295.238	5.798	12.1	-3.0	NO		NO	bb
6	6 200716M1_8	Standard	12.500	2.18	7573.123	15481.451	6.115	12.8	2.4	NO		NO	bb
7	7 200716M1_9	Standard	12.500	2.17	7064.293	15898.762	5.554	11.6	-7.0	NO		NO	bb
8	8 200716M1_10	Standard	12.500	2.17	7394.703	15862.639	5.827	12.2	-2.5	NO		NO	bb
9	9 200716M1_11	Standard	12.500	2.17	7140.178	14808.042	6.027	12.6	0.9	NO		NO	MM
10	10 200716M1_12	Standard	12.500	2.17	7102.432	13882.283	6.395	13.4	7.1	NO		NO	bb

Compound name: 13C3-PFBS-EIS

Response Factor: 128.65

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	2.51	1474.470		1474.470	11.5	-8.3	NO		NO	MMX
2	2 200716M1_4	Standard	12.500	2.51	1605.821		1605.821	12.5	-0.1	NO		NO	bbX
3	3 200716M1_5	Standard	12.500	2.51	1520.914		1520.914	11.8	-5.4	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	2.49	1526.605		1526.605	11.9	-5.1	NO		NO	MMX
5	5 200716M1_7	Standard	12.500	2.46	1631.737		1631.737	12.7	1.5	NO		NO	bbX
6	6 200716M1_8	Standard	12.500	2.47	1608.129		1608.129	12.5	0.0	NO		NO	MM
7	7 200716M1_9	Standard	12.500	2.46	1676.090		1676.090	13.0	4.2	NO		NO	MMX
8	8 200716M1_10	Standard	12.500	2.46	1575.796		1575.796	12.2	-2.0	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	2.46	1474.594		1474.594	11.5	-8.3	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	2.46	1400.006		1400.006	10.9	-12.9	NO		NO	MMX

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Compound name: 13C3-PFBS-RSD

Response Factor: 0.774872

RRF SD: 0.0370251, Relative SD: 4.77822

Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	2.51	1478.825	1809.374	10.216	13.2	5.5	NO		NO	MM
2	2 200716M1_4	Standard	12.500	2.51	1605.821	2013.662	9.968	12.9	2.9	NO		NO	bb
3	3 200716M1_5	Standard	12.500	2.51	1520.914	2032.979	9.352	12.1	-3.5	NO		NO	bb
4	4 200716M1_6	Standard	12.500	2.49	1531.840	2145.837	8.923	11.5	-7.9	NO		NO	MM
5	5 200716M1_7	Standard	12.500	2.46	1631.737	2161.988	9.434	12.2	-2.6	NO		NO	bb
6	6 200716M1_8	Standard	12.500	2.47	1607.074	2045.270	9.822	12.7	1.4	NO		NO	MM
7	7 200716M1_9	Standard	12.500	2.46	1675.163	2286.730	9.157	11.8	-5.5	NO		NO	MM
8	8 200716M1_10	Standard	12.500	2.46	1576.278	1994.676	9.878	12.7	2.0	NO		NO	MM
9	9 200716M1_11	Standard	12.500	2.46	1478.435	1781.565	10.373	13.4	7.1	NO		NO	MM
10	10 200716M1_12	Standard	12.500	2.46	1399.780	1797.312	9.735	12.6	0.5	NO		NO	MM!

Compound name: 13C3-HFPO-DA-EIS

Response Factor: 92.1942

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	3.27	1110.32E		1110.32E	12.0	-3.7	NO		NO	bbX
2	2 200716M1_4	Standard	12.500	3.27	1095.816		1095.816	11.9	-4.9	NO		NO	bbX
3	3 200716M1_5	Standard	12.500	3.27	1072.329		1072.329	11.6	-7.0	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	3.24	1143.106		1143.106	12.4	-0.8	NO		NO	bbX
5	5 200716M1_7	Standard	12.500	3.23	1191.018		1191.018	12.9	3.3	NO		NO	bbX
6	6 200716M1_8	Standard	12.500	3.23	1152.428		1152.428	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	3.23	1089.236		1089.236	11.8	-5.5	NO		NO	bbX
8	8 200716M1_10	Standard	12.500	3.23	1075.038		1075.038	11.7	-6.7	NO		NO	bbX
9	9 200716M1_11	Standard	12.500	3.23	947.425		947.425	10.3	-17.8	NO		NO	bbX
10	10 200716M1_12	Standard	12.500	3.23	927.217		927.217	10.1	-19.5	NO		NO	bbX

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Compound name: 13C3-HFPO-DA-RSD

Response Factor: 0.0717817

RRF SD: 0.00548948, Relative SD: 7.64746

Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	3.27	1110.328	13406.339	1.035	14.4	15.4	NO		NO	bb
2	2 200716M1_4	Standard	12.500	3.27	1095.816	15290.270	0.896	12.5	-0.2	NO		NO	bb
3	3 200716M1_5	Standard	12.500	3.27	1072.329	14961.682	0.896	12.5	-0.2	NO		NO	bb
4	4 200716M1_6	Standard	12.500	3.24	1143.106	14831.448	0.963	13.4	7.4	NO		NO	bb
5	5 200716M1_7	Standard	12.500	3.23	1191.018	16295.238	0.914	12.7	1.8	NO		NO	bb
6	6 200716M1_8	Standard	12.500	3.23	1152.428	15481.451	0.930	13.0	3.7	NO		NO	bb
7	7 200716M1_9	Standard	12.500	3.23	1089.236	15898.762	0.856	11.9	-4.6	NO		NO	bb
8	8 200716M1_10	Standard	12.500	3.23	1075.038	15862.639	0.847	11.8	-5.6	NO		NO	bb
9	9 200716M1_11	Standard	12.500	3.23	947.425	14808.042	0.800	11.1	-10.9	NO		NO	bb
10	10 200716M1_12	Standard	12.500	3.23	927.217	13882.283	0.835	11.6	-7.0	NO		NO	bb

Compound name: 13C2-4:2 FTS-EIS

Response Factor: 215.128

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	2.96	2354.683		2354.683	10.9	-12.4	NO		NO	MMX
2	2 200716M1_4	Standard	12.500	2.96	2527.022		2527.022	11.7	-6.0	NO		NO	bbX
3	3 200716M1_5	Standard	12.500	2.96	2384.587		2384.587	11.1	-11.3	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	2.93	2647.303		2647.303	12.3	-1.6	NO		NO	MMX
5	5 200716M1_7	Standard	12.500	2.92	2753.717		2753.717	12.8	2.4	NO		NO	MMX
6	6 200716M1_8	Standard	12.500	2.92	2689.098		2689.098	12.5	0.0	NO		NO	MM
7	7 200716M1_9	Standard	12.500	2.92	2554.653		2554.653	11.9	-5.0	NO		NO	MMX
8	8 200716M1_10	Standard	12.500	2.92	2381.582		2381.582	11.1	-11.4	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	2.91	2243.658		2243.658	10.4	-16.6	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	2.92	1946.039		1946.039	9.0	-27.6	NO		NO	MMX

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Compound name: 13C2-4:2 FTS-RSD

Response Factor: 1.22048

RRF SD: 0.076986, Relative SD: 6.30784

Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	2.96	2356.732	1809.374	16.281	13.3	6.7	NO		NO	MM
2	2 200716M1_4	Standard	12.500	2.96	2527.022	2013.662	15.687	12.9	2.8	NO		NO	bb
3	3 200716M1_5	Standard	12.500	2.96	2384.587	2032.979	14.662	12.0	-3.9	NO		NO	bb
4	4 200716M1_6	Standard	12.500	2.93	2643.847	2145.837	15.401	12.6	1.0	NO		NO	MM
5	5 200716M1_7	Standard	12.500	2.92	2753.760	2161.988	15.921	13.0	4.4	NO		NO	MM
6	6 200716M1_8	Standard	12.500	2.92	2686.522	2045.270	16.419	13.5	7.6	NO		NO	MM
7	7 200716M1_9	Standard	12.500	2.92	2554.964	2286.730	13.966	11.4	-8.5	NO		NO	MM
8	8 200716M1_10	Standard	12.500	2.92	2383.372	1994.676	14.936	12.2	-2.1	NO		NO	MM
9	9 200716M1_11	Standard	12.500	2.91	2243.527	1781.565	15.741	12.9	3.2	NO		NO	MM
10	10 200716M1_12	Standard	12.500	2.92	1947.608	1797.312	13.545	11.1	-11.2	NO		NO	MM

Compound name: 13C2-PFHxA-EIS

Response Factor: 1137.74

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	3.04	12847.223		12847.223	11.3	-9.7	NO		NO	MMX
2	2 200716M1_4	Standard	12.500	3.04	13757.812		13757.812	12.1	-3.3	NO		NO	bdX
3	3 200716M1_5	Standard	12.500	3.04	12271.497		12271.497	10.8	-13.7	NO		NO	MMX
4	4 200716M1_6	Standard	12.500	3.02	12606.678		12606.678	11.1	-11.4	NO		NO	bbX
5	5 200716M1_7	Standard	12.500	3.00	13704.264		13704.264	12.0	-3.6	NO		NO	bbX
6	6 200716M1_8	Standard	12.500	3.00	14221.752		14221.752	12.5	0.0	NO		NO	MM
7	7 200716M1_9	Standard	12.500	3.00	14026.105		14026.105	12.3	-1.4	NO		NO	MMX
8	8 200716M1_10	Standard	12.500	3.00	13955.083		13955.083	12.3	-1.9	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	3.00	13537.773		13537.773	11.9	-4.8	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	3.00	12291.006		12291.006	10.8	-13.6	NO		NO	MMX

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Compound name: 13C2-PFHxA-RSD

Response Factor: 0.885309

RRF SD: 0.040438, Relative SD: 4.56767

Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	3.04	12830.048	13406.339	11.963	13.5	8.1	NO		NO	MM
2	2 200716M1_4	Standard	12.500	3.04	13757.812	15290.270	11.247	12.7	1.6	NO		NO	bd
3	3 200716M1_5	Standard	12.500	3.04	12281.893	14961.682	10.261	11.6	-7.3	NO		NO	MM
4	4 200716M1_6	Standard	12.500	3.02	12606.678	14831.448	10.625	12.0	-4.0	NO		NO	bb
5	5 200716M1_7	Standard	12.500	3.00	13704.264	16295.238	10.512	11.9	-5.0	NO		NO	bb
6	6 200716M1_8	Standard	12.500	3.00	14241.329	15481.451	11.499	13.0	3.9	NO		NO	MM
7	7 200716M1_9	Standard	12.500	3.00	14026.427	15898.762	11.028	12.5	-0.3	NO		NO	MM
8	8 200716M1_10	Standard	12.500	3.00	14007.807	15862.639	11.038	12.5	-0.3	NO		NO	MM
9	9 200716M1_11	Standard	12.500	3.00	13527.233	14808.042	11.419	12.9	3.2	NO		NO	MM
10	10 200716M1_12	Standard	12.500	3.00	12295.629	13882.283	11.071	12.5	0.0	NO		NO	MM

Compound name: 13C4-PFHpA-EIS

Response Factor: 692.259

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	3.66	7604.798		7604.798	11.0	-12.1	NO		NO	bbX
2	2 200716M1_4	Standard	12.500	3.66	8449.176		8449.176	12.2	-2.4	NO		NO	bdX
3	3 200716M1_5	Standard	12.500	3.66	7776.597		7776.597	11.2	-10.1	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	3.64	8177.523		8177.523	11.8	-5.5	NO		NO	bbX
5	5 200716M1_7	Standard	12.500	3.63	8422.578		8422.578	12.2	-2.7	NO		NO	bbX
6	6 200716M1_8	Standard	12.500	3.63	8653.238		8653.238	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	3.63	8227.887		8227.887	11.9	-4.9	NO		NO	bbX
8	8 200716M1_10	Standard	12.500	3.63	8030.001		8030.001	11.6	-7.2	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	3.63	7403.116		7403.116	10.7	-14.4	NO		NO	bbX
10	10 200716M1_12	Standard	12.500	3.63	6876.236		6876.236	9.9	-20.5	NO		NO	MMX

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Compound name: 13C4-PFHpA-RSD

Response Factor: 0.528789

RRF SD: 0.0261087, Relative SD: 4.93746

Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	3.66	7604.798	13406.339	7.091	13.4	7.3	NO		NO	bb
2	2 200716M1_4	Standard	12.500	3.66	8449.176	15290.270	6.907	13.1	4.5	NO		NO	bd
3	3 200716M1_5	Standard	12.500	3.66	7776.597	14961.682	6.497	12.3	-1.7	NO		NO	bb
4	4 200716M1_6	Standard	12.500	3.64	8177.523	14831.448	6.892	13.0	4.3	NO		NO	bb
5	5 200716M1_7	Standard	12.500	3.63	8422.578	16295.238	6.461	12.2	-2.3	NO		NO	bb
6	6 200716M1_8	Standard	12.500	3.63	8653.238	15481.451	6.987	13.2	5.7	NO		NO	bb
7	7 200716M1_9	Standard	12.500	3.63	8227.887	15898.762	6.469	12.2	-2.1	NO		NO	bb
8	8 200716M1_10	Standard	12.500	3.63	8025.019	15862.639	6.324	12.0	-4.3	NO		NO	MM
9	9 200716M1_11	Standard	12.500	3.63	7403.116	14808.042	6.249	11.8	-5.5	NO		NO	bb
10	10 200716M1_12	Standard	12.500	3.63	6909.773	13882.283	6.222	11.8	-5.9	NO		NO	MM

Compound name: 13C3-PFHxS-EIS

Response Factor: 314.93

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	3.81	3440.093		3440.093	10.9	-12.6	NO		NO	MMX
2	2 200716M1_4	Standard	12.500	3.81	3674.576		3674.576	11.7	-6.7	NO		NO	MMX
3	3 200716M1_5	Standard	12.500	3.81	3601.989		3601.989	11.4	-8.5	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	3.78	3626.549		3626.549	11.5	-7.9	NO		NO	bbX
5	5 200716M1_7	Standard	12.500	3.77	3882.599		3882.599	12.3	-1.4	NO		NO	MMX
6	6 200716M1_8	Standard	12.500	3.77	3936.627		3936.627	12.5	0.0	NO		NO	MM
7	7 200716M1_9	Standard	12.500	3.77	3640.123		3640.123	11.6	-7.5	NO		NO	bbX
8	8 200716M1_10	Standard	12.500	3.77	3814.260		3814.260	12.1	-3.1	NO		NO	bdX
9	9 200716M1_11	Standard	12.500	3.77	3296.484		3296.484	10.5	-16.3	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	3.77	3223.684		3223.684	10.2	-18.1	NO		NO	bbX

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Compound name: 13C3-PFHxS-RSD

Response Factor: 1.80525

RRF SD: 0.104009, Relative SD: 5.76146

Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	3.81	3438.085	1809.374	23.752	13.2	5.3	NO		NO	MM
2	2 200716M1_4	Standard	12.500	3.81	3667.861	2013.662	22.769	12.6	0.9	NO		NO	MM
3	3 200716M1_5	Standard	12.500	3.81	3601.989	2032.979	22.147	12.3	-1.9	NO		NO	bb
4	4 200716M1_6	Standard	12.500	3.78	3626.549	2145.837	21.125	11.7	-6.4	NO		NO	bb
5	5 200716M1_7	Standard	12.500	3.77	3880.657	2161.988	22.437	12.4	-0.6	NO		NO	MM
6	6 200716M1_8	Standard	12.500	3.77	3937.128	2045.270	24.062	13.3	6.6	NO		NO	MM
7	7 200716M1_9	Standard	12.500	3.77	3640.123	2286.730	19.898	11.0	-11.8	NO		NO	bb
8	8 200716M1_10	Standard	12.500	3.77	3814.260	1994.676	23.903	13.2	5.9	NO		NO	bd
9	9 200716M1_11	Standard	12.500	3.77	3298.460	1781.565	23.143	12.8	2.6	NO		NO	MM
10	10 200716M1_12	Standard	12.500	3.77	3223.684	1797.312	22.420	12.4	-0.6	NO		NO	bb

Compound name: 13C2-6:2 FTS-EIS

Response Factor: 202.721

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.12	2220.564		2220.564	11.0	-12.4	NO		NO	bbX
2	2 200716M1_4	Standard	12.500	4.12	2317.970		2317.970	11.4	-8.5	NO		NO	bbX
3	3 200716M1_5	Standard	12.500	4.12	2233.133		2233.133	11.0	-11.9	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	4.09	2201.324		2201.324	10.9	-13.1	NO		NO	bbX
5	5 200716M1_7	Standard	12.500	4.09	2240.328		2240.328	11.1	-11.6	NO		NO	MMX
6	6 200716M1_8	Standard	12.500	4.09	2534.014		2534.014	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.09	2484.055		2484.055	12.3	-2.0	NO		NO	MMX
8	8 200716M1_10	Standard	12.500	4.09	2163.266		2163.266	10.7	-14.6	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	4.09	2035.267		2035.267	10.0	-19.7	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	4.09	1754.852		1754.852	8.7	-30.7	NO		NO	bbX

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Compound name: 13C2-6:2 FTS-RSD

Response Factor: 0.568884

RRF SD: 0.0441481, Relative SD: 7.76047

Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.12	2220.564	3553.227	7.812	13.7	9.9	NO		NO	bb
2	2 200716M1_4	Standard	12.500	4.12	2317.970	4363.476	6.640	11.7	-6.6	NO		NO	bb
3	3 200716M1_5	Standard	12.500	4.12	2233.133	4046.456	6.898	12.1	-3.0	NO		NO	bb
4	4 200716M1_6	Standard	12.500	4.09	2201.324	4009.125	6.863	12.1	-3.5	NO		NO	bb
5	5 200716M1_7	Standard	12.500	4.09	2239.560	3628.592	7.715	13.6	8.5	NO		NO	MM
6	6 200716M1_8	Standard	12.500	4.09	2534.014	4044.107	7.832	13.8	10.1	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.09	2487.652	4343.966	7.158	12.6	0.7	NO		NO	MM
8	8 200716M1_10	Standard	12.500	4.09	2175.780	3835.643	7.091	12.5	-0.3	NO		NO	MM
9	9 200716M1_11	Standard	12.500	4.09	2038.409	3640.133	7.000	12.3	-1.6	NO		NO	MM
10	10 200716M1_12	Standard	12.500	4.09	1754.852	3595.807	6.100	10.7	-14.2	NO		NO	bb

Compound name: 13C5-PFNA-EIS

Response Factor: 1287.21

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.61	14785.480		14785.480	11.5	-8.1	NO		NO	bbX
2	2 200716M1_4	Standard	12.500	4.61	13098.897		13098.897	10.2	-18.6	NO		NO	bbX
3	3 200716M1_5	Standard	12.500	4.61	14623.358		14623.358	11.4	-9.1	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	4.59	14657.138		14657.138	11.4	-8.9	NO		NO	bbX
5	5 200716M1_7	Standard	12.500	4.58	15642.675		15642.675	12.2	-2.8	NO		NO	bbX
6	6 200716M1_8	Standard	12.500	4.58	16090.073		16090.073	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.58	13599.350		13599.350	10.6	-15.5	NO		NO	bbX
8	8 200716M1_10	Standard	12.500	4.58	15059.856		15059.856	11.7	-6.4	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	4.58	13958.328		13958.328	10.8	-13.2	NO		NO	bbX
10	10 200716M1_12	Standard	12.500	4.58	13377.763		13377.763	10.4	-16.9	NO		NO	bbX

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Compound name: 13C5-PFNA-RSD

Response Factor: 0.900406

RRF SD: 0.0617615, Relative SD: 6.85929

Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.61	14785.480	14720.889	12.555	13.9	11.5	NO	NO	NO	bb
2	2 200716M1_4	Standard	12.500	4.61	13098.897	15854.003	10.328	11.5	-8.2	NO	NO	NO	bb
3	3 200716M1_5	Standard	12.500	4.61	14623.358	15495.425	11.797	13.1	4.8	NO	NO	NO	bb
4	4 200716M1_6	Standard	12.500	4.59	14657.138	16885.260	10.851	12.1	-3.6	NO	NO	NO	bb
5	5 200716M1_7	Standard	12.500	4.58	15642.675	17440.455	11.211	12.5	-0.4	NO	NO	NO	bb
6	6 200716M1_8	Standard	12.500	4.58	16090.073	17307.252	11.621	12.9	3.3	NO	NO	NO	bb
7	7 200716M1_9	Standard	12.500	4.58	13599.350	17089.824	9.947	11.0	-11.6	NO	NO	NO	bb
8	8 200716M1_10	Standard	12.500	4.58	15066.301	16189.154	11.633	12.9	3.4	NO	NO	NO	MM
9	9 200716M1_11	Standard	12.500	4.58	13958.328	16039.473	10.878	12.1	-3.3	NO	NO	NO	bb
10	10 200716M1_12	Standard	12.500	4.58	13377.763	14255.175	11.731	13.0	4.2	NO	NO	NO	bb

Compound name: 13C8-PFOSA-EIS

Response Factor: 533.753

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.66	4730.386		4730.386	8.9	-29.1	NO	NO	NO	bbX
2	2 200716M1_4	Standard	12.500	4.66	5444.975		5444.975	10.2	-18.4	NO	NO	NO	MMX
3	3 200716M1_5	Standard	12.500	4.66	5057.359		5057.359	9.5	-24.2	NO	NO	NO	bbX
4	4 200716M1_6	Standard	12.500	4.64	6140.721		6140.721	11.5	-8.0	NO	NO	NO	MMX
5	5 200716M1_7	Standard	12.500	4.63	6701.012		6701.012	12.6	0.4	NO	NO	NO	bbX
6	6 200716M1_8	Standard	12.500	4.63	6671.915		6671.915	12.5	0.0	NO	NO	NO	bb
7	7 200716M1_9	Standard	12.500	4.63	6134.731		6134.731	11.5	-8.1	NO	NO	NO	MMX
8	8 200716M1_10	Standard	12.500	4.63	6578.007		6578.007	12.3	-1.4	NO	NO	NO	MMX
9	9 200716M1_11	Standard	12.500	4.63	6329.902		6329.902	11.9	-5.1	NO	NO	NO	bdX
10	10 200716M1_12	Standard	12.500	4.63	5784.542		5784.542	10.8	-13.3	NO	NO	NO	bbX

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Compound name: 13C8-PFOA-RSD

Response Factor: 0.242842

RRF SD: 0.0239005, Relative SD: 9.84201

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.66	4730.386	21369.121	2.767	11.4	-8.8	NO		NO	bb
2	2 200716M1_4	Standard	12.500	4.66	5444.253	26003.246	2.617	10.8	-13.8	NO		NO	MM
3	3 200716M1_5	Standard	12.500	4.66	5057.359	23557.088	2.684	11.1	-11.6	NO		NO	bb
4	4 200716M1_6	Standard	12.500	4.64	6142.259	25204.080	3.046	12.5	0.4	NO		NO	MM
5	5 200716M1_7	Standard	12.500	4.63	6701.012	26736.242	3.133	12.9	3.2	NO		NO	bb
6	6 200716M1_8	Standard	12.500	4.63	6671.915	27068.148	3.081	12.7	1.5	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.63	6125.951	25828.271	2.965	12.2	-2.3	NO		NO	MM
8	8 200716M1_10	Standard	12.500	4.63	6578.619	26091.271	3.152	13.0	3.8	NO		NO	MM
9	9 200716M1_11	Standard	12.500	4.63	6329.902	21901.248	3.613	14.9	19.0	NO		NO	bd
10	10 200716M1_12	Standard	12.500	4.63	5784.542	21924.377	3.298	13.6	8.6	NO		NO	bb

Compound name: 13C2-PFOA-EIS

Response Factor: 1399.64

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.17	15266.421		15266.421	10.9	-12.7	NO		NjO	bbX
2	2 200716M1_4	Standard	12.500	4.17	17836.352		17836.352	12.7	1.9	NO		NO	MMX
3	3 200716M1_5	Standard	12.500	4.17	15933.414		15933.414	11.4	-8.9	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	4.15	16806.707		16806.707	12.0	-3.9	NO		NO	bbX
5	5 200716M1_7	Standard	12.500	4.14	16605.633		16605.633	11.9	-5.1	NO		NO	bbX
6	6 200716M1_8	Standard	12.500	4.14	17495.480		17495.480	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.14	16932.582		16932.582	12.1	-3.2	NO		NO	MMX
8	8 200716M1_10	Standard	12.500	4.14	16273.101		16273.101	11.6	-7.0	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	4.14	14829.414		14829.414	10.6	-15.2	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	4.14	13815.776		13815.776	9.9	-21.0	NO		NO	bbX

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Compound name: 13C2-PFOA-RSD

Response Factor: 0.696047

RRF SD: 0.0139514, Relative SD: 2.00437

Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.17	15266.421	21756.119	8.771	12.6	0.8	NO		NO	bb
2	2 200716M1_4	Standard	12.500	4.17	17893.643	24910.848	8.979	12.9	3.2	NO		NO	MM
3	3 200716M1_5	Standard	12.500	4.17	15933.414	23463.400	8.488	12.2	-2.4	NO		NO	bb
4	4 200716M1_6	Standard	12.500	4.15	16806.707	24114.963	8.712	12.5	0.1	NO		NO	bb
5	5 200716M1_7	Standard	12.500	4.14	16605.633	24583.709	8.443	12.1	-3.0	NO		NO	bb
6	6 200716M1_8	Standard	12.500	4.14	17495.480	24867.438	8.794	12.6	1.1	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.14	16928.705	24204.590	8.743	12.6	0.5	NO		NO	MM
8	8 200716M1_10	Standard	12.500	4.14	16272.346	23889.076	8.515	12.2	-2.1	NO		NO	MM
9	9 200716M1_11	Standard	12.500	4.14	14835.400	20870.215	8.886	12.8	2.1	NO		NO	MM
10	10 200716M1_12	Standard	12.500	4.14	13815.776	19907.129	8.675	12.5	-0.3	NO		NO	bb

Compound name: 13C8-PFOS-EIS

Response Factor: 345.707

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.69	3737.801		3737.801	10.8	-13.5	NO		NO	bbX
2	2 200716M1_4	Standard	12.500	4.69	4280.788		4280.788	12.4	-0.9	NO		NO	bbX
3	3 200716M1_5	Standard	12.500	4.69	3620.178		3620.178	10.5	-16.2	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	4.67	4359.096		4359.096	12.6	0.9	NO		NO	bbX
5	5 200716M1_7	Standard	12.500	4.67	4053.160		4053.160	11.7	-6.2	NO		NO	bbX
6	6 200716M1_8	Standard	12.500	4.67	4321.339		4321.339	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.67	4064.977		4064.977	11.8	-5.9	NO		NO	MMX
8	8 200716M1_10	Standard	12.500	4.67	4146.322		4146.322	12.0	-4.1	NO		NO	bbX
9	9 200716M1_11	Standard	12.500	4.67	3882.045		3882.045	11.2	-10.2	NO		NO	bbX
10	10 200716M1_12	Standard	12.500	4.67	3424.007		3424.007	9.9	-20.8	NO		NO	MMX

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Compound name: 13C8-PFOS-RSD

Response Factor: 1.02343
 RRF SD: 0.0762058, Relative SD: 7.44609
 Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.69	3737.801	3553.227	13.149	12.8	2.8	NO		NO	bb
2	2 200716M1_4	Standard	12.500	4.69	4280.788	4363.476	12.263	12.0	-4.1	NO		NO	bb
3	3 200716M1_5	Standard	12.500	4.69	3620.178	4046.456	11.183	10.9	-12.6	NO		NO	bb
4	4 200716M1_6	Standard	12.500	4.67	4359.096	4009.125	13.591	13.3	6.2	NO		NO	bb
5	5 200716M1_7	Standard	12.500	4.67	4053.160	3628.592	13.963	13.6	9.1	NO		NO	bb
6	6 200716M1_8	Standard	12.500	4.67	4321.339	4044.107	13.357	13.1	4.4	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.67	4058.196	4343.966	11.678	11.4	-8.7	NO		NO	MM
8	8 200716M1_10	Standard	12.500	4.67	4146.322	3835.643	13.512	13.2	5.6	NO		NO	bb
9	9 200716M1_11	Standard	12.500	4.67	3882.045	3640.133	13.331	13.0	4.2	NO		NO	bb
10	10 200716M1_12	Standard	12.500	4.67	3423.828	3595.807	11.902	11.6	-7.0	NO		NO	MM

Compound name: 13C2-PFDA-EIS

Response Factor: 1219.01
 RRF SD: 0, Relative SD: 0
 Response type: External Std, Area
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.98	13797.694		13797.694	11.3	-9.4	NO		NO	bbX
2	2 200716M1_4	Standard	12.500	4.99	14520.313		14520.313	11.9	-4.7	NO		NO	MMX
3	3 200716M1_5	Standard	12.500	4.99	14308.783		14308.783	11.7	-6.1	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	4.96	14510.879		14510.879	11.9	-4.8	NO		NO	bbX
5	5 200716M1_7	Standard	12.500	4.96	15047.466		15047.466	12.3	-1.2	NO		NO	bbX
6	6 200716M1_8	Standard	12.500	4.96	15237.587		15237.587	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.96	13846.010		13846.010	11.4	-9.1	NO		NO	MMX
8	8 200716M1_10	Standard	12.500	4.96	15038.225		15038.225	12.3	-1.3	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	4.96	13916.746		13916.746	11.4	-8.7	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	4.96	12964.328		12964.328	10.6	-14.9	NO		NO	MMX

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Compound name: 13C2-PFDA-RSD

Response Factor: 0.757268

RRF SD: 0.0346807, Relative SD: 4.57971

Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.98	13797.694	17091.533	10.091	13.3	6.6	NO		NO	bb
2	2 200716M1_4	Standard	12.500	4.99	14541.081	19421.510	9.359	12.4	-1.1	NO		NO	MM
3	3 200716M1_5	Standard	12.500	4.99	14308.783	19410.592	9.215	12.2	-2.7	NO		NO	bb
4	4 200716M1_6	Standard	12.500	4.96	14510.879	20323.623	8.925	11.8	-5.7	NO		NO	bb
5	5 200716M1_7	Standard	12.500	4.96	15047.466	20953.268	8.977	11.9	-5.2	NO		NO	bb
6	6 200716M1_8	Standard	12.500	4.96	15237.587	20425.955	9.325	12.3	-1.5	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.96	13850.105	18486.043	9.365	12.4	-1.1	NO		NO	MM
8	8 200716M1_10	Standard	12.500	4.96	15041.097	19430.633	9.676	12.8	2.2	NO		NO	MM
9	9 200716M1_11	Standard	12.500	4.96	13914.011	18360.225	9.473	12.5	0.1	NO		NO	MM
10	10 200716M1_12	Standard	12.500	4.96	12965.688	15806.957	10.253	13.5	8.3	NO		NO	MM

Compound name: 13C2-8:2 FTS-EIS

Response Factor: 205.949

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.95	2394.937		2394.937	11.6	-7.0	NO		NO	bbX
2	2 200716M1_4	Standard	12.500	4.95	2689.803		2689.803	13.1	4.5	NO		NO	bdX
3	3 200716M1_5	Standard	12.500	4.95	2229.580		2229.580	10.8	-13.4	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	4.93	2469.646		2469.646	12.0	-4.1	NO		NO	bbX
5	5 200716M1_7	Standard	12.500	4.93	2693.277		2693.277	13.1	4.6	NO		NO	MMX
6	6 200716M1_8	Standard	12.500	4.93	2574.366		2574.366	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.93	2523.174		2523.174	12.3	-2.0	NO		NO	MMX
8	8 200716M1_10	Standard	12.500	4.93	2369.214		2369.214	11.5	-8.0	NO		NO	bbX
9	9 200716M1_11	Standard	12.500	4.93	2285.133		2285.133	11.1	-11.2	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	4.93	2289.998		2289.998	11.1	-11.0	NO		NO	bbX

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Compound name: 13C2-8:2 FTS-RSD

Response Factor: 0.629951

RRF SD: 0.0514593, Relative SD: 8.16878

Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.95	2394.937	3553.227	8.425	13.4	7.0	NO		NO	bb
2	2 200716M1_4	Standard	12.500	4.95	2689.803	4363.476	7.705	12.2	-2.1	NO		NO	bd
3	3 200716M1_5	Standard	12.500	4.95	2229.580	4046.456	6.887	10.9	-12.5	NO		NO	bb
4	4 200716M1_6	Standard	12.500	4.93	2469.646	4009.125	7.700	12.2	-2.2	NO		NO	bb
5	5 200716M1_7	Standard	12.500	4.93	2693.867	3628.592	9.280	14.7	17.9	NO		NO	MM
6	6 200716M1_8	Standard	12.500	4.93	2574.366	4044.107	7.957	12.6	1.1	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.93	2524.270	4343.966	7.264	11.5	-7.8	NO		NO	MM
8	8 200716M1_10	Standard	12.500	4.93	2369.214	3835.643	7.721	12.3	-1.9	NO		NO	bb
9	9 200716M1_11	Standard	12.500	4.93	2283.992	3640.133	7.843	12.5	-0.4	NO		NO	MM
10	10 200716M1_12	Standard	12.500	4.93	2289.998	3595.807	7.961	12.6	1.1	NO		NO	bb

Compound name: d3-N-MeFOSAA-EIS

Response Factor: 1100.63

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	5.13	11481.528		11481.528	10.4	-16.5	NO		NO	MMX
2	2 200716M1_4	Standard	12.500	5.13	12702.068		12702.068	11.5	-7.7	NO		NO	bbX
3	3 200716M1_5	Standard	12.500	5.13	12164.494		12164.494	11.1	-11.6	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	5.12	12847.561		12847.561	11.7	-6.6	NO		NO	MMX
5	5 200716M1_7	Standard	12.500	5.11	13254.147		13254.147	12.0	-3.7	NO		NO	MMX
6	6 200716M1_8	Standard	12.500	5.11	13757.930		13757.930	12.5	0.0	NO		NO	MM
7	7 200716M1_9	Standard	12.500	5.11	13214.355		13214.355	12.0	-4.0	NO		NO	bdX
8	8 200716M1_10	Standard	12.500	5.11	12837.161		12837.161	11.7	-6.7	NO		NO	bbX
9	9 200716M1_11	Standard	12.500	5.11	12318.764		12318.764	11.2	-10.5	NO		NO	bdX
10	10 200716M1_12	Standard	12.500	5.11	11723.827		11723.827	10.7	-14.8	NO		NO	MMX

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Compound name: d3-N-MeFOSAA-RSD

Response Factor: 0.515879

RRF SD: 0.0233603, Relative SD: 4.52824

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	5.13	11512.754	21369.121	6.734	13.1	4.4	NO		NO	MM
2	2 200716M1_4	Standard	12.500	5.13	12702.068	26003.246	6.106	11.8	-5.3	NO		NO	bb
3	3 200716M1_5	Standard	12.500	5.13	12164.494	23557.088	6.455	12.5	0.1	NO		NO	bb
4	4 200716M1_6	Standard	12.500	5.12	12852.183	25204.080	6.374	12.4	-1.2	NO		NO	MM
5	5 200716M1_7	Standard	12.500	5.11	13249.182	26736.242	6.194	12.0	-3.9	NO		NO	MM
6	6 200716M1_8	Standard	12.500	5.11	13760.932	27068.148	6.355	12.3	-1.5	NO		NO	MM
7	7 200716M1_9	Standard	12.500	5.11	13214.355	25828.271	6.395	12.4	-0.8	NO		NO	bd
8	8 200716M1_10	Standard	12.500	5.11	12837.161	26091.271	6.150	11.9	-4.6	NO		NO	bb
9	9 200716M1_11	Standard	12.500	5.11	12318.764	21901.248	7.031	13.6	9.0	NO		NO	bd
10	10 200716M1_12	Standard	12.500	5.11	11734.128	21924.377	6.690	13.0	3.7	NO		NO	MM

Compound name: 13C2-PFUDa-EIS

Response Factor: 1866.61

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	5.31	18394.889		18394.889	9.9	-21.2	NO		NO	bbX
2	2 200716M1_4	Standard	12.500	5.31	23035.406		23035.406	12.3	-1.3	NO		NO	bbX
3	3 200716M1_5	Standard	12.500	5.31	19821.711		19821.711	10.6	-15.0	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	5.29	21651.639		21651.639	11.6	-7.2	NO		NO	bbX
5	5 200716M1_7	Standard	12.500	5.29	23844.900		23844.900	12.8	2.2	NO		NO	MMX
6	6 200716M1_8	Standard	12.500	5.29	23332.625		23332.625	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	5.29	22756.363		22756.363	12.2	-2.5	NO		NO	MMX
8	8 200716M1_10	Standard	12.500	5.29	23131.418		23131.418	12.4	-0.9	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	5.29	20850.883		20850.883	11.2	-10.6	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	5.29	20222.676		20222.676	10.8	-13.3	NO		NO	bbX

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Compound name: 13C2-PFUDa-RSD

Response Factor: 0.883529

RRF SD: 0.0312333, Relative SD: 3.53506

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	5.31	18394.889	21369.121	10.760	12.2	-2.6	NO		NO	bb
2	2 200716M1_4	Standard	12.500	5.31	23035.406	26003.246	11.073	12.5	0.3	NO		NO	bb
3	3 200716M1_5	Standard	12.500	5.31	19821.711	23557.088	10.518	11.9	-4.8	NO		NO	bb
4	4 200716M1_6	Standard	12.500	5.29	21651.639	25204.080	10.738	12.2	-2.8	NO		NO	bb
5	5 200716M1_7	Standard	12.500	5.29	23824.955	26736.242	11.139	12.6	0.9	NO		NO	MM
6	6 200716M1_8	Standard	12.500	5.29	23332.625	27068.148	10.775	12.2	-2.4	NO		NO	bb
7	7 200716M1_9	Standard	12.500	5.29	22744.984	25828.271	11.008	12.5	-0.3	NO		NO	MM
8	8 200716M1_10	Standard	12.500	5.29	23126.311	26091.271	11.080	12.5	0.3	NO		NO	MM
9	9 200716M1_11	Standard	12.500	5.29	20702.006	21901.248	11.816	13.4	7.0	NO		NO	MM
10	10 200716M1_12	Standard	12.500	5.29	20231.449	21924.377	11.535	13.1	4.4	NO		NO	MM

Compound name: d5-N-EtFOSAA-EIS

Response Factor: 974.623

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	5.29	10929.339		10929.339	11.2	-10.3	NO		NO	bbX
2	2 200716M1_4	Standard	12.500	5.29	11602.136		11602.136	11.9	-4.8	NO		NO	MMX
3	3 200716M1_5	Standard	12.500	5.29	11547.045		11547.045	11.8	-5.2	NO		NO	bdX
4	4 200716M1_6	Standard	12.500	5.27	11531.773		11531.773	11.8	-5.3	NO		NO	MMX
5	5 200716M1_7	Standard	12.500	5.27	11647.003		11647.003	12.0	-4.4	NO		NO	bbX
6	6 200716M1_8	Standard	12.500	5.27	12182.784		12182.784	12.5	0.0	NO		NO	MM
7	7 200716M1_9	Standard	12.500	5.27	11465.699		11465.699	11.8	-5.9	NO		NO	bbX
8	8 200716M1_10	Standard	12.500	5.27	11427.619		11427.619	11.7	-6.2	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	5.27	9917.195		9917.195	10.2	-18.6	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	5.27	9026.664		9026.664	9.3	-25.9	NO		NO	MMX

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Compound name: d5-N-EtFOSAA-RSD

Response Factor: 0.453681
 RRF SD: 0.0282915, Relative SD: 6.236
 Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	5.29	10929.339	21369.121	6.393	14.1	12.7	NO		NO	bb
2	2 200716M1_4	Standard	12.500	5.29	11573.005	26003.246	5.563	12.3	-1.9	NO		NO	MM
3	3 200716M1_5	Standard	12.500	5.29	11547.045	23557.088	6.127	13.5	8.0	NO		NO	bd
4	4 200716M1_6	Standard	12.500	5.27	11544.200	25204.080	5.725	12.6	1.0	NO		NO	MM
5	5 200716M1_7	Standard	12.500	5.27	11647.003	26736.242	5.445	12.0	-4.0	NO		NO	bb
6	6 200716M1_8	Standard	12.500	5.27	12175.690	27068.148	5.623	12.4	-0.9	NO		NO	MM
7	7 200716M1_9	Standard	12.500	5.27	11465.699	25828.271	5.549	12.2	-2.2	NO		NO	bb
8	8 200716M1_10	Standard	12.500	5.27	11428.450	26091.271	5.475	12.1	-3.5	NO		NO	MM
9	9 200716M1_11	Standard	12.500	5.27	9920.543	21901.248	5.662	12.5	-0.2	NO		NO	MM
10	10 200716M1_12	Standard	12.500	5.27	9027.162	21924.377	5.147	11.3	-9.2	NO		NO	MM

Compound name: 13C2-PFDoA-EIS

Response Factor: 2166.17
 RRF SD: 0, Relative SD: 0
 Response type: External Std, Area
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	5.60	24835.223		24835.223	11.5	-8.3	NO		NO	MMX
2	2 200716M1_4	Standard	12.500	5.60	24685.922		24685.922	11.4	-8.8	NO		NO	MMX
3	3 200716M1_5	Standard	12.500	5.60	24152.318		24152.318	11.1	-10.8	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	5.58	25851.379		25851.379	11.9	-4.5	NO		NO	MMX
5	5 200716M1_7	Standard	12.500	5.58	27134.795		27134.795	12.5	0.2	NO		NO	MMX
6	6 200716M1_8	Standard	12.500	5.58	27077.182		27077.182	12.5	0.0	NO		NO	MM
7	7 200716M1_9	Standard	12.500	5.58	24350.934		24350.934	11.2	-10.1	NO		NO	MMX
8	8 200716M1_10	Standard	12.500	5.58	26451.115		26451.115	12.2	-2.3	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	5.58	23214.963		23214.963	10.7	-14.3	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	5.58	21114.59C		21114.59C	9.7	-22.0	NO		NO	MMX

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Compound name: 13C2-PFDoA-RSD

Response Factor: 1.31619

RRF SD: 0.0588256, Relative SD: 4.46939

Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	5.60	24793.580	17091.533	18.133	13.8	10.2	NO		NO	MM
2	2 200716M1_4	Standard	12.500	5.60	25110.936	19421.510	16.162	12.3	-1.8	NO		NO	MM
3	3 200716M1_5	Standard	12.500	5.60	24152.318	19410.592	15.554	11.8	-5.5	NO		NO	bb
4	4 200716M1_6	Standard	12.500	5.58	25862.438	20323.623	15.907	12.1	-3.3	NO		NO	MM
5	5 200716M1_7	Standard	12.500	5.58	27132.203	20953.268	16.186	12.3	-1.6	NO		NO	MM
6	6 200716M1_8	Standard	12.500	5.58	27094.994	20425.955	16.581	12.6	0.8	NO		NO	MM
7	7 200716M1_9	Standard	12.500	5.58	24348.971	18486.043	16.464	12.5	0.1	NO		NO	MM
8	8 200716M1_10	Standard	12.500	5.58	26455.326	19430.633	17.019	12.9	3.4	NO		NO	MM
9	9 200716M1_11	Standard	12.500	5.58	23251.104	18360.225	15.830	12.0	-3.8	NO		NO	MM
10	10 200716M1_12	Standard	12.500	5.58	21102.795	15806.957	16.688	12.7	1.4	NO		NO	MM

Compound name: 13C2-10:2 FTS-EIS

Response Factor: 156.425

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	5.58	1747.449		1747.449	11.2	-10.6	NO		NO	bbX
2	2 200716M1_4	Standard	12.500	5.58	1846.451		1846.451	11.8	-5.6	NO		NO	bbX
3	3 200716M1_5	Standard	12.500	5.58	1652.811		1652.811	10.6	-15.5	NO		NO	MMX
4	4 200716M1_6	Standard	12.500	5.56	1625.294		1625.294	10.4	-16.9	NO		NO	MMX
5	5 200716M1_7	Standard	12.500	5.56	1945.996		1945.996	12.4	-0.5	NO		NO	MMX
6	6 200716M1_8	Standard	12.500	5.56	1955.315		1955.315	12.5	0.0	NO		NO	MM
7	7 200716M1_9	Standard	12.500	5.56	1881.247		1881.247	12.0	-3.8	NO		NO	MMX
8	8 200716M1_10	Standard	12.500	5.56	1648.753		1648.753	10.5	-15.7	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	5.56	1393.946		1393.946	8.9	-28.7	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	5.56	1436.501		1436.501	9.2	-26.5	NO		NO	MMX

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Compound name: 13C2-10:2 FTS-RSD

Response Factor: 0.439723

RRF SD: 0.0491232, Relative SD: 11.1714

Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	5.58	1747.449	3553.227	6.147	14.0	11.8	NO		NO	bb
2	2 200716M1_4	Standard	12.500	5.58	1846.451	4363.476	5.290	12.0	-3.8	NO		NO	bb
3	3 200716M1_5	Standard	12.500	5.58	1653.467	4046.456	5.108	11.6	-7.1	NO		NO	MM
4	4 200716M1_6	Standard	12.500	5.56	1626.125	4009.125	5.070	11.5	-7.8	NO		NO	MM
5	5 200716M1_7	Standard	12.500	5.56	1952.345	3628.592	6.726	15.3	22.4	NO		NO	MM
6	6 200716M1_8	Standard	12.500	5.56	1958.733	4044.107	6.054	13.8	10.1	NO		NO	MM
7	7 200716M1_9	Standard	12.500	5.56	1879.550	4343.966	5.409	12.3	-1.6	NO		NO	MM
8	8 200716M1_10	Standard	12.500	5.56	1649.453	3835.643	5.375	12.2	-2.2	NO		NO	MM
9	9 200716M1_11	Standard	12.500	5.56	1394.200	3640.133	4.788	10.9	-12.9	NO		NO	MM
10	10 200716M1_12	Standard	12.500	5.56	1438.102	3595.807	4.999	11.4	-9.0	NO		NO	MM

Compound name: d3-N-MeFOSA-EIS

Response Factor: 134.652

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	149.200	5.65	15227.502		15227.502	113.1	-24.2	NO		NO	bbX
2	2 200716M1_4	Standard	149.200	5.65	16091.911		16091.911	119.5	-19.9	NO		NO	bbX
3	3 200716M1_5	Standard	149.200	5.65	15539.526		15539.526	115.4	-22.7	NO		NO	MMX
4	4 200716M1_6	Standard	149.200	5.61	17586.680		17586.680	130.6	-12.5	NO		NO	MMX
5	5 200716M1_7	Standard	149.200	5.61	18962.348		18962.348	140.8	-5.6	NO		NO	MMX
6	6 200716M1_8	Standard	149.200	5.61	20090.084		20090.084	149.2	0.0	NO		NO	MM
7	7 200716M1_9	Standard	149.200	5.61	20120.025		20120.025	149.4	0.1	NO		NO	MMX
8	8 200716M1_10	Standard	149.200	5.61	19852.748		19852.748	147.4	-1.2	NO		NO	MMX
9	9 200716M1_11	Standard	149.200	5.61	19790.193		19790.193	147.0	-1.5	NO		NO	bbX
10	10 200716M1_12	Standard	149.200	5.61	19068.180		19068.180	141.6	-5.1	NO		NO	MMX

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Compound name: d3-N-MeFOSA-RSD

Response Factor: 0.0624594

RRF SD: 0.00730501, Relative SD: 11.6956

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	149.200	5.65	15227.502	21369.121	8.907	142.6	-4.4	NO		NO	bb
2	2 200716M1_4	Standard	149.200	5.65	16091.911	26003.246	7.736	123.8	-17.0	NO		NO	bb
3	3 200716M1_5	Standard	149.200	5.65	15588.490	23557.088	8.272	132.4	-11.2	NO		NO	MM
4	4 200716M1_6	Standard	149.200	5.61	17580.480	25204.080	8.719	139.6	-6.4	NO		NO	MM
5	5 200716M1_7	Standard	149.200	5.61	18966.760	26736.242	8.868	142.0	-4.8	NO		NO	MM
6	6 200716M1_8	Standard	149.200	5.61	20100.668	27068.148	9.282	148.6	-0.4	NO		NO	MM
7	7 200716M1_9	Standard	149.200	5.61	20072.656	25828.271	9.714	155.5	4.2	NO		NO	MM
8	8 200716M1_10	Standard	149.200	5.61	20012.479	26091.271	9.588	153.5	2.9	NO		NO	MM
9	9 200716M1_11	Standard	149.200	5.61	19790.193	21901.248	11.295	180.8	21.2	NO		NO	bb
10	10 200716M1_12	Standard	149.200	5.61	18957.563	21924.377	10.808	173.0	16.0	NO		NO	MM

Compound name: 13C2-PFTeDA-EIS

Response Factor: 1473.32

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	6.06	16837.004		16837.004	11.4	-8.6	NO		NO	MMX
2	2 200716M1_4	Standard	12.500	6.06	18082.414		18082.414	12.3	-1.8	NO		NO	bdX
3	3 200716M1_5	Standard	12.500	6.06	16005.106		16005.106	10.9	-13.1	NO		NO	bbX
4	4 200716M1_6	Standard	12.500	6.05	17128.986		17128.986	11.6	-7.0	NO		NO	MMX
5	5 200716M1_7	Standard	12.500	6.05	18314.139		18314.139	12.4	-0.6	NO		NO	MMX
6	6 200716M1_8	Standard	12.500	6.05	18416.514		18416.514	12.5	0.0	NO		NO	MM
7	7 200716M1_9	Standard	12.500	6.05	17106.428		17106.428	11.6	-7.1	NO		NO	MMX
8	8 200716M1_10	Standard	12.500	6.05	16906.807		16906.807	11.5	-8.2	NO		NO	bdX
9	9 200716M1_11	Standard	12.500	6.05	16216.787		16216.787	11.0	-11.9	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	6.05	15002.484		15002.484	10.2	-18.5	NO		NO	MMX

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Compound name: 13C2-PFTeDA-RSD

Response Factor: 0.694976

RRF SD: 0.0406687, Relative SD: 5.85182

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	6.06	16860.180	21369.121	9.862	14.2	13.5	NO		NO	bb
2	2 200716M1_4	Standard	12.500	6.06	18082.414	26003.246	8.692	12.5	0.1	NO		NO	bd
3	3 200716M1_5	Standard	12.500	6.06	16005.106	23557.088	8.493	12.2	-2.2	NO		NO	bb
4	4 200716M1_6	Standard	12.500	6.05	17134.719	25204.080	8.498	12.2	-2.2	NO		NO	MM
5	5 200716M1_7	Standard	12.500	6.05	18313.740	26736.242	8.562	12.3	-1.4	NO		NO	MM
6	6 200716M1_8	Standard	12.500	6.05	18450.279	27068.148	8.520	12.3	-1.9	NO		NO	MM
7	7 200716M1_9	Standard	12.500	6.05	17095.975	25828.271	8.274	11.9	-4.8	NO		NO	MM
8	8 200716M1_10	Standard	12.500	6.05	16906.807	26091.271	8.100	11.7	-6.8	NO		NO	bd
9	9 200716M1_11	Standard	12.500	6.05	16193.428	21901.248	9.242	13.3	6.4	NO		NO	MM
10	10 200716M1_12	Standard	12.500	6.05	15132.983	21924.377	8.628	12.4	-0.7	NO		NO	MM

Compound name: d5-N-ETFOSA-EIS

Response Factor: 187.181

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	149.200	6.08	22555.848		22555.848	120.5	-19.2	NO		NO	MMX
2	2 200716M1_4	Standard	149.200	6.08	24479.529		24479.529	130.8	-12.3	NO		NO	MMX
3	3 200716M1_5	Standard	149.200	6.08	22901.035		22901.035	122.3	-18.0	NO		NO	bbX
4	4 200716M1_6	Standard	149.200	6.07	26044.004		26044.004	139.1	-6.7	NO		NO	MMX
5	5 200716M1_7	Standard	149.200	6.06	27309.660		27309.660	145.9	-2.2	NO		NO	MMX
6	6 200716M1_8	Standard	149.200	6.06	27927.477		27927.477	149.2	0.0	NO		NO	MM
7	7 200716M1_9	Standard	149.200	6.06	27722.570		27722.570	148.1	-0.7	NO		NO	bbX
8	8 200716M1_10	Standard	149.200	6.06	27352.152		27352.152	146.1	-2.1	NO		NO	MMX
9	9 200716M1_11	Standard	149.200	6.06	26168.555		26168.555	139.8	-6.3	NO		NO	bbX
10	10 200716M1_12	Standard	149.200	6.06	24132.254		24132.254	128.9	-13.6	NO		NO	MMX

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Compound name: d5-N-ETFOSA-RSD

Response Factor: 0.0878174

RRF SD: 0.00592357, Relative SD: 6.74533

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	149.200	6.08	22540.049	21369.121	13.185	150.1	0.6	NO		NO	MM
2	2 200716M1_4	Standard	149.200	6.08	24484.518	26003.246	11.770	134.0	-10.2	NO		NO	MM
3	3 200716M1_5	Standard	149.200	6.08	22901.035	23557.088	12.152	138.4	-7.3	NO		NO	bb
4	4 200716M1_6	Standard	149.200	6.07	26040.904	25204.080	12.915	147.1	-1.4	NO		NO	MM
5	5 200716M1_7	Standard	149.200	6.06	27333.758	26736.242	12.779	145.5	-2.5	NO		NO	MM
6	6 200716M1_8	Standard	149.200	6.06	27917.883	27068.148	12.892	146.8	-1.6	NO		NO	MM
7	7 200716M1_9	Standard	149.200	6.06	27838.053	25828.271	13.473	153.4	2.8	NO		NO	bd
8	8 200716M1_10	Standard	149.200	6.06	27350.916	26091.271	13.103	149.2	0.0	NO		NO	MM
9	9 200716M1_11	Standard	149.200	6.06	26280.258	21901.248	14.999	170.8	14.5	NO		NO	bd
10	10 200716M1_12	Standard	149.200	6.06	24124.727	21924.377	13.755	156.6	5.0	NO		NO	MM

Compound name: 13C2-PFHxDA-EIS

Response Factor: 2143.91

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	6.39	24767.301		24767.301	11.6	-7.6	NO		NO	MMX
2	2 200716M1_4	Standard	12.500	6.39	25781.379		25781.379	12.0	-3.8	NO		NO	bbX
3	3 200716M1_5	Standard	12.500	6.39	24557.643		24557.643	11.5	-8.4	NO		NO	MMX
4	4 200716M1_6	Standard	12.500	6.38	26151.498		26151.498	12.2	-2.4	NO		NO	MMX
5	5 200716M1_7	Standard	12.500	6.38	26518.660		26518.660	12.4	-1.0	NO		NO	MMX
6	6 200716M1_8	Standard	12.500	6.38	26798.934		26798.934	12.5	0.0	NO		NO	MM
7	7 200716M1_9	Standard	12.500	6.38	26271.545		26271.545	12.3	-2.0	NO		NO	MMX
8	8 200716M1_10	Standard	12.500	6.38	25896.428		25896.428	12.1	-3.4	NO		NO	MMX
9	9 200716M1_11	Standard	12.500	6.38	25131.242		25131.242	11.7	-6.2	NO		NO	MMX
10	10 200716M1_12	Standard	12.500	6.38	23934.084		23934.084	11.2	-10.7	NO		NO	MMX

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Compound name: 13C2-PFHxDA-RSD

Response Factor: 1.05596

RRF SD: 0.0630254, Relative SD: 5.96857

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	6.39	24759.523	21369.121	14.483	13.7	9.7	NO		NO	MM
2	2 200716M1_4	Standard	12.500	6.39	26902.775	26003.246	12.932	12.2	-2.0	NO		NO	bd
3	3 200716M1_5	Standard	12.500	6.39	24790.496	23557.088	13.154	12.5	-0.3	NO		NO	MM
4	4 200716M1_6	Standard	12.500	6.38	26149.664	25204.080	12.969	12.3	-1.7	NO		NO	MM
5	5 200716M1_7	Standard	12.500	6.38	26936.057	26736.242	12.593	11.9	-4.6	NO		NO	MM
6	6 200716M1_8	Standard	12.500	6.38	26845.076	27068.148	12.397	11.7	-6.1	NO		NO	MM
7	7 200716M1_9	Standard	12.500	6.38	26331.619	25828.271	12.744	12.1	-3.5	NO		NO	MM
8	8 200716M1_10	Standard	12.500	6.38	25893.654	26091.271	12.405	11.7	-6.0	NO		NO	MM
9	9 200716M1_11	Standard	12.500	6.38	25242.643	21901.248	14.407	13.6	9.1	NO		NO	MM
10	10 200716M1_12	Standard	12.500	6.38	24395.516	21924.377	13.909	13.2	5.4	NO		NO	MM

Compound name: d7-N-MeFOSE-EIS

Response Factor: 90.0789

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	149.200	6.28	9974.983		9974.983	110.7	-25.8	NO		NO	MMX
2	2 200716M1_4	Standard	149.200	6.28	11742.650		11742.650	130.4	-12.6	NO		NO	MMX
3	3 200716M1_5	Standard	149.200	6.28	9481.713		9481.713	105.3	-29.5	NO		NO	MMX
4	4 200716M1_6	Standard	149.200	6.28	11784.808		11784.808	130.8	-12.3	NO		NO	MMX
5	5 200716M1_7	Standard	149.200	6.28	12859.286		12859.286	142.8	-4.3	NO		NO	MMX
6	6 200716M1_8	Standard	149.200	6.28	13439.767		13439.767	149.2	0.0	NO		NO	MM
7	7 200716M1_9	Standard	149.200	6.28	13565.212		13565.212	150.6	0.9	NO		NO	MMX
8	8 200716M1_10	Standard	149.200	6.28	13164.023		13164.023	146.1	-2.1	NO		NO	MMX
9	9 200716M1_11	Standard	149.200	6.28	13592.341		13592.341	150.9	1.1	NO		NO	MMX
10	10 200716M1_12	Standard	149.200	6.28	13053.414		13053.414	144.9	-2.9	NO		NO	MMX

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Compound name: d7-N-MeFOSE-RSD

Response Factor: 0.0420485

RRF SD: 0.00548283, Relative SD: 13.0393

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	149.200	6.28	9974.983	21369.121	5.835	138.8	-7.0	NO		NO	MM
2	2 200716M1_4	Standard	149.200	6.28	11730.618	26003.246	5.639	134.1	-10.1	NO		NO	MM
3	3 200716M1_5	Standard	149.200	6.28	9486.563	23557.088	5.034	119.7	-19.8	NO		NO	MM
4	4 200716M1_6	Standard	149.200	6.28	11796.439	25204.080	5.850	139.1	-6.7	NO		NO	MM
5	5 200716M1_7	Standard	149.200	6.28	13011.494	26736.242	6.083	144.7	-3.0	NO		NO	MM
6	6 200716M1_8	Standard	149.200	6.28	13435.395	27068.148	6.204	147.6	-1.1	NO		NO	MM
7	7 200716M1_9	Standard	149.200	6.28	13567.926	25828.271	6.566	156.2	4.7	NO		NO	MM
8	8 200716M1_10	Standard	149.200	6.28	13189.574	26091.271	6.319	150.3	0.7	NO		NO	MM
9	9 200716M1_11	Standard	149.200	6.28	13599.161	21901.248	7.762	184.6	23.7	NO		NO	MM
10	10 200716M1_12	Standard	149.200	6.28	13055.307	21924.377	7.443	177.0	18.6	NO		NO	MM

Compound name: d9-N-EtFOSE-EIS

Response Factor: 96.3077

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	149.200	6.43	10623.848		10623.848	110.3	-26.1	NO		NO	MMX
2	2 200716M1_4	Standard	149.200	6.43	11288.930		11288.930	117.2	-21.4	NO		NO	MMX
3	3 200716M1_5	Standard	149.200	6.43	10991.662		10991.662	114.1	-23.5	NO		NO	MMX
4	4 200716M1_6	Standard	149.200	6.43	13351.052		13351.052	138.6	-7.1	NO		NO	MMX
5	5 200716M1_7	Standard	149.200	6.43	15316.232		15316.232	159.0	6.6	NO		NO	MMX
6	6 200716M1_8	Standard	149.200	6.43	14369.110		14369.110	149.2	0.0	NO		NO	MM
7	7 200716M1_9	Standard	149.200	6.43	14411.063		14411.063	149.6	0.3	NO		NO	MMX
8	8 200716M1_10	Standard	149.200	6.43	15319.813		15319.813	159.1	6.6	NO		NO	MMX
9	9 200716M1_11	Standard	149.200	6.43	15217.984		15217.984	158.0	5.9	NO		NO	MMX
10	10 200716M1_12	Standard	149.200	6.43	14200.184		14200.184	147.4	-1.2	NO		NO	MMX

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Compound name: d9-N-EtFOSE-RSD

Response Factor: 0.0461825

RRF SD: 0.00673989, Relative SD: 14.594

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	149.200	6.43	10630.570	21369.121	6.218	134.6	-9.8	NO		NO	MM
2	2 200716M1_4	Standard	149.200	6.43	11281.215	26003.246	5.423	117.4	-21.3	NO		NO	MM
3	3 200716M1_5	Standard	149.200	6.43	10751.740	23557.088	5.705	123.5	-17.2	NO		NO	MM
4	4 200716M1_6	Standard	149.200	6.43	13354.746	25204.080	6.623	143.4	-3.9	NO		NO	MM
5	5 200716M1_7	Standard	149.200	6.43	15299.881	26736.242	7.153	154.9	3.8	NO		NO	MM
6	6 200716M1_8	Standard	149.200	6.43	14447.629	27068.148	6.672	144.5	-3.2	NO		NO	MM
7	7 200716M1_9	Standard	149.200	6.43	14403.662	25828.271	6.971	150.9	1.2	NO		NO	MM
8	8 200716M1_10	Standard	149.200	6.43	15351.197	26091.271	7.355	159.3	6.7	NO		NO	MM
9	9 200716M1_11	Standard	149.200	6.43	15217.055	21901.248	8.685	188.1	26.0	NO		NO	MM
10	10 200716M1_12	Standard	149.200	6.43	14205.065	21924.377	8.099	175.4	17.5	NO		NO	MM

Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 101), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	1.29	4667.732	4667.732	12.500	12.5	0.0	NO		NO	MM
2	2 200716M1_4	Standard	12.500	1.29	5209.174	5209.174	12.500	12.5	0.0	NO		NO	bb
3	3 200716M1_5	Standard	12.500	1.29	4750.278	4750.278	12.500	12.5	0.0	NO		NO	MM
4	4 200716M1_6	Standard	12.500	1.27	5172.902	5172.902	12.500	12.5	0.0	NO		NO	MM
5	5 200716M1_7	Standard	12.500	1.23	5250.818	5250.818	12.500	12.5	0.0	NO		NO	MM
6	6 200716M1_8	Standard	12.500	1.23	5136.342	5136.342	12.500	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	1.23	5278.134	5278.134	12.500	12.5	0.0	NO		NO	bb
8	8 200716M1_10	Standard	12.500	1.23	5142.237	5142.237	12.500	12.5	0.0	NO		NO	MM
9	9 200716M1_11	Standard	12.500	1.23	5336.839	5336.839	12.500	12.5	0.0	NO		NO	MM
10	10 200716M1_12	Standard	12.500	1.23	5175.000	5175.000	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 1.11022e-016, Relative SD: 1.11022e-014

Response type: Internal Std (Ref 102), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	3.04	13406.339	13406.339	12.500	12.5	0.0	NO		NO	bb
2	2 200716M1_4	Standard	12.500	3.04	15290.270	15290.270	12.500	12.5	0.0	NO		NO	bb
3	3 200716M1_5	Standard	12.500	3.04	14961.682	14961.682	12.500	12.5	0.0	NO		NO	MM
4	4 200716M1_6	Standard	12.500	3.02	14831.448	14831.448	12.500	12.5	0.0	NO		NO	bb
5	5 200716M1_7	Standard	12.500	3.00	16295.238	16295.238	12.500	12.5	0.0	NO		NO	bb
6	6 200716M1_8	Standard	12.500	3.00	15481.451	15481.451	12.500	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	3.00	15898.762	15898.762	12.500	12.5	0.0	NO		NO	MM
8	8 200716M1_10	Standard	12.500	3.00	15862.639	15862.639	12.500	12.5	0.0	NO		NO	MM
9	9 200716M1_11	Standard	12.500	3.00	14808.042	14808.042	12.500	12.5	0.0	NO		NO	bb
10	10 200716M1_12	Standard	12.500	3.00	13882.283	13882.283	12.500	12.5	0.0	NO		NO	bb

Compound name: 18O2-PFHxS

Response Factor: 1

RRF SD: 7.40149e-017, Relative SD: 7.40149e-015

Response type: Internal Std (Ref 103), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	3.81	1809.374	1809.374	12.500	12.5	0.0	NO		NO	MM
2	2 200716M1_4	Standard	12.500	3.81	2013.662	2013.662	12.500	12.5	0.0	NO		NO	bb
3	3 200716M1_5	Standard	12.500	3.81	2032.979	2032.979	12.500	12.5	0.0	NO		NO	bb
4	4 200716M1_6	Standard	12.500	3.78	2145.837	2145.837	12.500	12.5	0.0	NO		NO	MM
5	5 200716M1_7	Standard	12.500	3.77	2161.988	2161.988	12.500	12.5	0.0	NO		NO	MM
6	6 200716M1_8	Standard	12.500	3.77	2045.270	2045.270	12.500	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	3.77	2286.730	2286.730	12.500	12.5	0.0	NO		NO	bb
8	8 200716M1_10	Standard	12.500	3.77	1994.676	1994.676	12.500	12.5	0.0	NO		NO	bb
9	9 200716M1_11	Standard	12.500	3.77	1781.565	1781.565	12.500	12.5	0.0	NO		NO	MM
10	10 200716M1_12	Standard	12.500	3.77	1797.312	1797.312	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 104), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.17	21756.119	21756.119	12.500	12.5	0.0	NO		NO	bb
2	2 200716M1_4	Standard	12.500	4.17	24910.848	24910.848	12.500	12.5	0.0	NO		NO	bb
3	3 200716M1_5	Standard	12.500	4.17	23463.400	23463.400	12.500	12.5	0.0	NO		NO	bb
4	4 200716M1_6	Standard	12.500	4.15	24114.963	24114.963	12.500	12.5	0.0	NO		NO	MM
5	5 200716M1_7	Standard	12.500	4.14	24583.709	24583.709	12.500	12.5	0.0	NO		NO	bb
6	6 200716M1_8	Standard	12.500	4.14	24867.438	24867.438	12.500	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.14	24204.590	24204.590	12.500	12.5	0.0	NO		NO	MM
8	8 200716M1_10	Standard	12.500	4.14	23889.076	23889.076	12.500	12.5	0.0	NO		NO	bb
9	9 200716M1_11	Standard	12.500	4.14	20870.215	20870.215	12.500	12.5	0.0	NO		NO	bb
10	10 200716M1_12	Standard	12.500	4.14	19907.129	19907.129	12.500	12.5	0.0	NO		NO	MM

Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 7.40149e-017, Relative SD: 7.40149e-015

Response type: Internal Std (Ref 105), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.61	14720.869	14720.869	12.500	12.5	0.0	NO		NO	bb
2	2 200716M1_4	Standard	12.500	4.61	15854.003	15854.003	12.500	12.5	0.0	NO		NO	bb
3	3 200716M1_5	Standard	12.500	4.61	15495.425	15495.425	12.500	12.5	0.0	NO		NO	bb
4	4 200716M1_6	Standard	12.500	4.59	16885.260	16885.260	12.500	12.5	0.0	NO		NO	bb
5	5 200716M1_7	Standard	12.500	4.58	17440.455	17440.455	12.500	12.5	0.0	NO		NO	MM
6	6 200716M1_8	Standard	12.500	4.58	17307.252	17307.252	12.500	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.58	17089.824	17089.824	12.500	12.5	0.0	NO		NO	bb
8	8 200716M1_10	Standard	12.500	4.58	16189.154	16189.154	12.500	12.5	0.0	NO		NO	MM
9	9 200716M1_11	Standard	12.500	4.58	16039.473	16039.473	12.500	12.5	0.0	NO		NO	MM
10	10 200716M1_12	Standard	12.500	4.58	14255.175	14255.175	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 1.04673e-016, Relative SD: 1.04673e-014

Response type: Internal Std (Ref 106), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.69	3553.227	3553.227	12.500	12.5	0.0	NO		NO	bb
2	2 200716M1_4	Standard	12.500	4.69	4363.476	4363.476	12.500	12.5	0.0	NO		NO	bb
3	3 200716M1_5	Standard	12.500	4.69	4046.456	4046.456	12.500	12.5	0.0	NO		NO	MM
4	4 200716M1_6	Standard	12.500	4.67	4009.125	4009.125	12.500	12.5	0.0	NO		NO	bb
5	5 200716M1_7	Standard	12.500	4.67	3628.592	3628.592	12.500	12.5	0.0	NO		NO	bb
6	6 200716M1_8	Standard	12.500	4.67	4044.107	4044.107	12.500	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.67	4343.966	4343.966	12.500	12.5	0.0	NO		NO	bb
8	8 200716M1_10	Standard	12.500	4.67	3835.643	3835.643	12.500	12.5	0.0	NO		NO	bb
9	9 200716M1_11	Standard	12.500	4.67	3640.133	3640.133	12.500	12.5	0.0	NO		NO	bb
10	10 200716M1_12	Standard	12.500	4.67	3595.807	3595.807	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C6-PFDA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 107), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	4.98	17091.533	17091.533	12.500	12.5	0.0	NO		NO	MM
2	2 200716M1_4	Standard	12.500	4.98	19421.510	19421.510	12.500	12.5	0.0	NO		NO	MM
3	3 200716M1_5	Standard	12.500	4.99	19410.592	19410.592	12.500	12.5	0.0	NO		NO	bb
4	4 200716M1_6	Standard	12.500	4.96	20323.623	20323.623	12.500	12.5	0.0	NO		NO	MM
5	5 200716M1_7	Standard	12.500	4.96	20953.268	20953.268	12.500	12.5	0.0	NO		NO	MM
6	6 200716M1_8	Standard	12.500	4.96	20425.955	20425.955	12.500	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	4.96	18486.043	18486.043	12.500	12.5	0.0	NO		NO	MM
8	8 200716M1_10	Standard	12.500	4.96	19430.633	19430.633	12.500	12.5	0.0	NO		NO	MM
9	9 200716M1_11	Standard	12.500	4.96	18360.225	18360.225	12.500	12.5	0.0	NO		NO	MM
10	10 200716M1_12	Standard	12.500	4.96	15806.957	15806.957	12.500	12.5	0.0	NO		NO	MM

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Compound name: 13C7-PFUdA

Response Factor: 1

RRF SD: 3.70074e-017, Relative SD: 3.70074e-015

Response type: Internal Std (Ref 108), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 200716M1_3	Standard	12.500	5.31	21369.121	21369.121	12.500	12.5	0.0	NO		NO	bb
2	2 200716M1_4	Standard	12.500	5.31	26003.246	26003.246	12.500	12.5	0.0	NO		NO	bb
3	3 200716M1_5	Standard	12.500	5.31	23557.088	23557.088	12.500	12.5	0.0	NO		NO	MM
4	4 200716M1_6	Standard	12.500	5.29	25204.080	25204.080	12.500	12.5	0.0	NO		NO	bb
5	5 200716M1_7	Standard	12.500	5.29	26736.242	26736.242	12.500	12.5	0.0	NO		NO	bb
6	6 200716M1_8	Standard	12.500	5.29	27068.148	27068.148	12.500	12.5	0.0	NO		NO	bb
7	7 200716M1_9	Standard	12.500	5.29	25828.271	25828.271	12.500	12.5	0.0	NO		NO	bb
8	8 200716M1_10	Standard	12.500	5.29	26091.271	26091.271	12.500	12.5	0.0	NO		NO	MM
9	9 200716M1_11	Standard	12.500	5.29	21901.248	21901.248	12.500	12.5	0.0	NO		NO	MM
10	10 200716M1_12	Standard	12.500	5.29	21924.377	21924.377	12.500	12.5	0.0	NO		NO	bb

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Name: 200716M1_8, Date: 16-Jul-2020, Time: 16:29:59, ID: ST200716M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	47	0.9998	NO	
2	2 PFPrS	51	0.9988	NO	
3	3 3:3 FTCA	49	0.9979	NO	
4	4 PFPeA	49	0.9998	NO	
5	5 PFBS	51	0.9998	NO	
6	6 4:2 FTS	55	0.9992	NO	
7	7 PFHxA	57	0.9994	NO	
8	8 PFPeS	51	0.9998	NO	
9	9 HFPO-DA	53	0.9994	NO	
10	10 5:3 FTCA	59	0.9987	NO	
11	11 PFHpA	59	0.9992	NO	
12	12 ADONA	59	0.9999	NO	
13	13 L-PFHxS	61	0.9998	NO	
14	15 6:2 FTS	63	0.9977	NO	
15	16 L-PFOA	69	1.0000	NO	
16	18 PFecHS	69	0.9993	NO	
17	19 PFHpS	73	0.9998	NO	
18	20 7:3 FTCA	65	0.9922	NO	
19	21 PFNA	65	0.9997	NO	
20	22 PFOSA	67	0.9968	NO	
21	23 L-PFOS	73	0.9993	NO	
22	25 9Cl-PF30NS	73	0.9992	NO	
23	26 PFDA	75	0.9996	NO	
24	27 8:2 FTS	77	0.9992	NO	
25	28 PFNS	73	0.9991	NO	
26	29 L-MeFOSAA	79	0.9993	NO	

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:49:31 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Name: 200716M1_8, Date: 16-Jul-2020, Time: 16:29:59, ID: ST200716M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	IS#	CoD	CoD Flag	%RSD
1	31 L-EtFOSAA	83	0.9998	NO	
2	33 PFUdA	81	0.9996	NO	
3	34 PFDS	73	0.9992	NO	
4	35 11Cl-PF30UdS	85	0.9991	NO	
5	36 10:2 FTS	87	0.9994	NO	
6	37 PFDaA	85	0.9995	NO	
7	38 N-MeFOSA	89	0.9986	NO	
8	39 PFTTrDA	85	0.9976	NO	
9	40 PFDoS	91	0.9995	NO	
10	41 PFTeDA	91	0.9995	NO	
11	42 N-EtFOSA	93	0.9993	NO	
12	43 PFHxDA	95	0.9997	NO	
13	44 PFODA	95	0.9996	NO	
14	45 N-MeFOSE	97	0.9996	NO	
15	46 N-EtFOSE	99	0.9989	NO	
16	47 13C3-PFBA-EIS			NO	0.000
17	48 13C3-PFBA-RSD	101		NO	3.816
18	49 13C3-PFPeA-EIS			NO	0.000
19	50 13C3-PFPeA-RSD	102		NO	4.179
20	51 13C3-PFBS-EIS			NO	0.000
21	52 13C3-PFBS-RSD	103		NO	4.778
22	53 13C3-HFPO-DA-EIS			NO	0.000
23	54 13C3-HFPO-DA-RSD	102		NO	7.647
24	55 13C2-4:2 FTS-EIS			NO	0.000
25	56 13C2-4:2 FTS-RSD	103		NO	6.308
26	57 13C2-PFHxA-EIS			NO	0.000
27	58 13C2-PFHxA-RSD	102		NO	4.568
28	59 13C4-PFHpA-EIS			NO	0.000
29	60 13C4-PFHpA-RSD	102		NO	4.937
30	61 13C3-PFHxS-EIS			NO	0.000
31	62 13C3-PFHxS-RSD	103		NO	5.761
32	63 13C2-6:2 FTS-EIS			NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:49:31 Pacific Daylight Time

Name: 200716M1_8, Date: 16-Jul-2020, Time: 16:29:59, ID: ST200716M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	IS#	CoD	CoD Flag	%RSD
33	64 13C2-6:2 FTS-RSD	106		NO	7.760
34	65 13C5-PFNA-EIS			NO	0.000
35	66 13C5-PFNA-RSD	105		NO	6.859
36	67 13C8-PFOA-EIS			NO	0.000
37	68 13C8-PFOA-RSD	108		NO	9.842
38	69 13C2-PFOA-EIS			NO	0.000
39	70 13C2-PFOA-RSD	104		NO	2.004
40	73 13C8-PFOS-EIS			NO	0.000
41	74 13C8-PFOS-RSD	106		NO	7.446
42	75 13C2-PFDA-EIS			NO	0.000
43	76 13C2-PFDA-RSD	107		NO	4.580
44	77 13C2-8:2 FTS-EIS			NO	0.000
45	78 13C2-8:2 FTS-RSD	106		NO	8.169
46	79 d3-N-MeFOSAA-EIS			NO	0.000
47	80 d3-N-MeFOSAA-RSD	108		NO	4.528
48	81 13C2-PFUDa-EIS			NO	0.000
49	82 13C2-PFUDa-RSD	108		NO	3.535
50	83 d5-N-EtFOSAA-EIS			NO	0.000
51	84 d5-N-EtFOSAA-RSD	108		NO	6.236
52	85 13C2-PFDa-EIS			NO	0.000
53	86 13C2-PFDa-RSD	107		NO	4.469
54	87 13C2-10:2 FTS-EIS			NO	0.000
55	88 13C2-10:2 FTS-RSD	106		NO	11.171
56	89 d3-N-MeFOSA-EIS			NO	0.000
57	90 d3-N-MeFOSA-RSD	108		NO	11.696
58	91 13C2-PFTeDA-EIS			NO	0.000
59	92 13C2-PFTeDA-RSD	108		NO	5.852
60	93 d5-N-ETFOSA-EIS			NO	0.000
61	94 d5-N-ETFOSA-RSD	108		NO	6.745
62	95 13C2-PFHxDA-EIS			NO	0.000
63	96 13C2-PFHxDA-RSD	108		NO	5.969
64	97 d7-N-MeFOSE-EIS			NO	0.000
65	98 d7-N-MeFOSE-RSD	108		NO	13.039
66	99 d9-N-EtFOSE-EIS			NO	0.000
67	1... d9-N-EtFOSE-RSD	108		NO	14.594
68	1... 13C4-PFBA	101		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:49:31 Pacific Daylight Time

Name: 200716M1_8, Date: 16-Jul-2020, Time: 16:29:59, ID: ST200716M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

	# Name	IS#	CoD	CoD Flag	%RSD
69	1... 13C5-PFHxA	102		NO	0.000
70	1... 18O2-PFHxS	103		NO	0.000
71	1... 13C8-PFOA	104		NO	0.000
72	1... 13C9-PFNA	105		NO	0.000
73	1... 13C4-PFOS	106		NO	0.000
74	1... 13C6-PFDA	107		NO	0.000
75	1... 13C7-PFUdA	108		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:05 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Name: 200716M1_8, Date: 16-Jul-2020, Time: 16:29:59, ID: ST200716M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	1 PFBA	1.22	1.23			
2	2 PFPrS	1.64	1.56	2.371	2.371	NO
3	3 3:3 FTCA	2.04	2.04	2.303	2.303	NO
4	4 PFPeA	2.18	2.18			
5	5 PFBS	2.47	2.46	2.589	2.589	NO
6	6 4:2 FTS	2.92	2.91	1.809	1.809	NO
7	7 PFHxA	3.00	3.00	16.476	16.476	NO
8	8 PFPeS	3.11	3.21	1.736	1.736	NO
9	9 HFPO-DA	3.23	3.23	2.128	2.128	NO
10	10 5:3 FTCA	3.57	3.57	1.476	1.476	NO
11	11 PFHpA	3.63	3.63	10.744	10.744	NO
12	12 ADONA	3.72	3.74	3.489	3.489	NO
13	13 L-PFHxS	3.77	3.77	1.560	1.560	NO
14	15 6:2 FTS	4.09	4.09	2.332	2.332	NO
15	16 L-PFOA	4.14	4.14	3.871	3.871	NO
16	18 PFecHS	4.16	4.16	0.965	0.965	NO
17	19 PFHpS	4.28	4.26	2.179	2.179	NO
18	20 7:3 FTCA	4.57	4.57	1.452	1.452	NO
19	21 PFNA	4.58	4.58	4.204	4.204	NO
20	22 PFOSA	4.63	4.63	25.124	25.124	NO
21	23 L-PFOS	4.67	4.67	1.845	1.845	NO
22	25 9Cl-PF30NS	4.87	4.89	19.626	19.626	NO
23	26 PFDA	4.96	4.96	5.450	5.450	NO
24	27 8:2 FTS	4.93	4.93	1.617	1.617	NO
25	28 PFNS	5.00	5.02	1.701	1.701	NO
26	29 L-MeFOSAA	5.11	5.12	2.670	2.670	NO

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:27 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Name: 200716M1_8, Date: 16-Jul-2020, Time: 16:29:59, ID: ST200716M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	31 L-EtFOSAA	5.27	5.27	1.355	1.355	NO
2	33 PFUdA	5.29	5.29	9.757	9.757	NO
3	34 PFDS	5.29	5.34	1.441	1.441	NO
4	35 11Cl-PF30UdS	5.51	5.51	25.857	25.857	NO
5	36 10:2 FTS	5.56	5.57	1.592	1.592	NO
6	37 PFDoA	5.58	5.58	7.971	7.971	NO
7	38 N-MeFOSA	5.60	5.58	1.419	1.419	NO
8	39 PFTrDA	5.83	5.83	9.092	9.092	NO
9	40 PFDoS	5.86	5.86	1.878	1.878	NO
10	41 PFTeDA	6.05	6.05	13.310	13.310	NO
11	42 N-EtFOSA	6.04	6.04	1.458	1.458	NO
12	43 PFHxDA	6.38	6.38	29.370	29.370	NO
13	44 PFODA	6.59	6.61			
14	45 N-MeFOSE	6.28	6.29			
15	46 N-EtFOSE	6.43	6.43			

Dataset: Untitled

Last Altered: Friday, July 17, 2020 09:54:07 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:54:16 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 200716M1_1	IPA	16-Jul-20	15:17:08
2	2 200716M1_2	IPA	16-Jul-20	15:27:33
3	3 200716M1_3	ST200716M1-1 PFC CS-2 20F1901	16-Jul-20	15:37:57
4	4 200716M1_4	ST200716M1-2 PFC CS-1 20F1902	16-Jul-20	15:48:23
5	5 200716M1_5	ST200716M1-3 PFC CS0 20F1903	16-Jul-20	15:58:48
6	6 200716M1_6	ST200716M1-4 PFC CS1 20F1904	16-Jul-20	16:09:12
7	7 200716M1_7	ST200716M1-5 PFC CS2 20F1905	16-Jul-20	16:19:37
8	8 200716M1_8	ST200716M1-6 PFC CS3 20F1906	16-Jul-20	16:29:59
9	9 200716M1_9	ST200716M1-7 PFC CS4 20F1907	16-Jul-20	16:40:22
10	10 200716M1_10	ST200716M1-8 PFC CS5 20F1908	16-Jul-20	16:50:44
11	11 200716M1_11	ST200716M1-9 PFC CS6 20F1909	16-Jul-20	17:01:06
12	12 200716M1_12	ST200716M1-10 PFC CS7 20F1910	16-Jul-20	17:11:28
13	13 200716M1_13	IB	16-Jul-20	17:21:51
14	14 200716M1_14	ICV200716M1-1 PFC ICV 20F1911	16-Jul-20	17:32:13
15	15 200716M1_15	IB	16-Jul-20	17:42:35

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:55 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

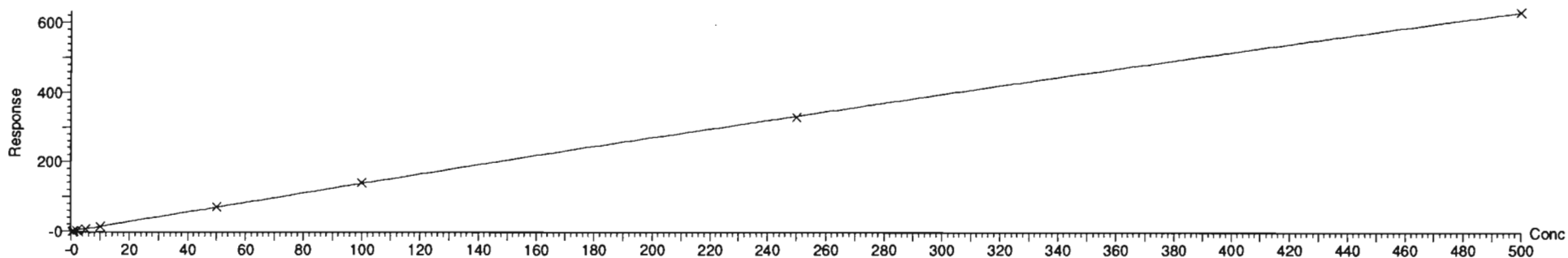
Compound name: PFBA

Coefficient of Determination: $R^2 = 0.999820$

Calibration curve: $-0.000297504 * x^2 + 1.40919 * x + -0.0474863$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



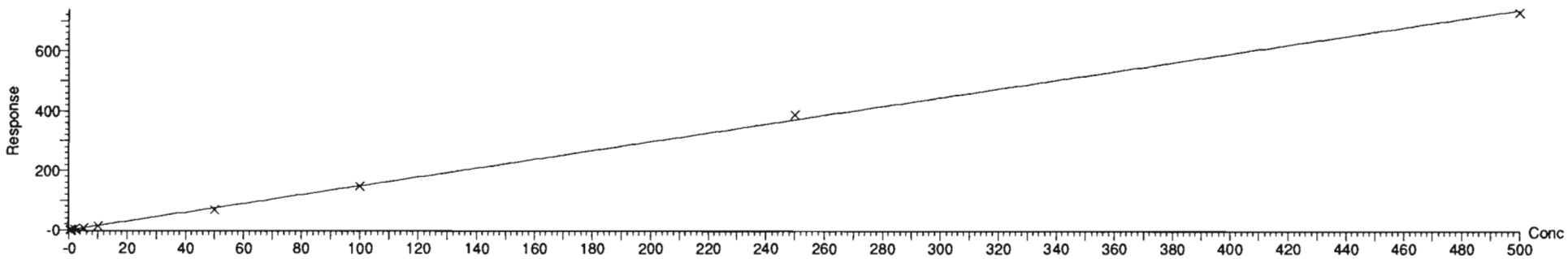
Compound name: PFPrS

Coefficient of Determination: $R^2 = 0.998831$

Calibration curve: $-4.72972e-005 * x^2 + 1.49835 * x + -0.098437$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:55 Pacific Daylight Time

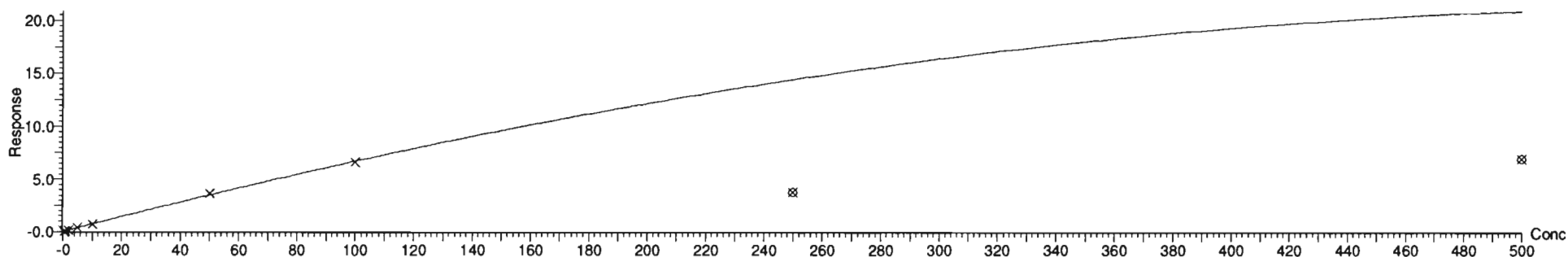
Compound name: 3:3 FTCA

Coefficient of Determination: $R^2 = 0.997883$

Calibration curve: $-6.39309e-005 * x^2 + 0.0737422 * x + -0.00838705$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



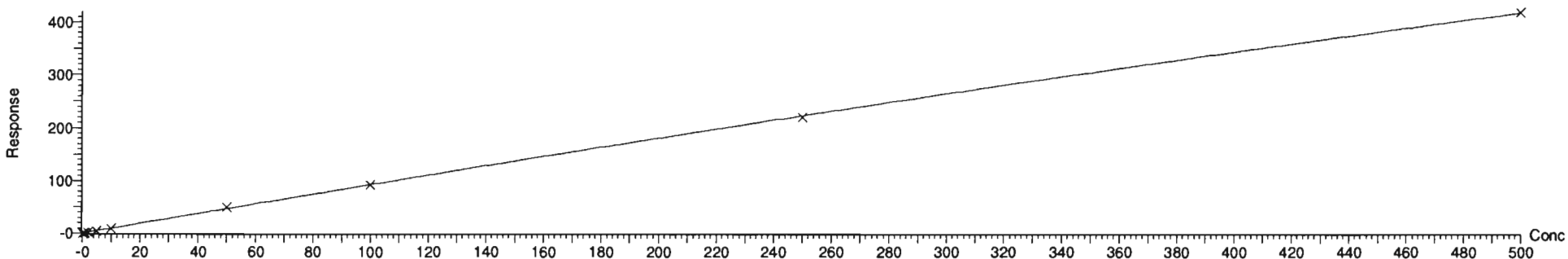
Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999763$

Calibration curve: $-0.000226674 * x^2 + 0.950046 * x + -0.0130612$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:55 Pacific Daylight Time

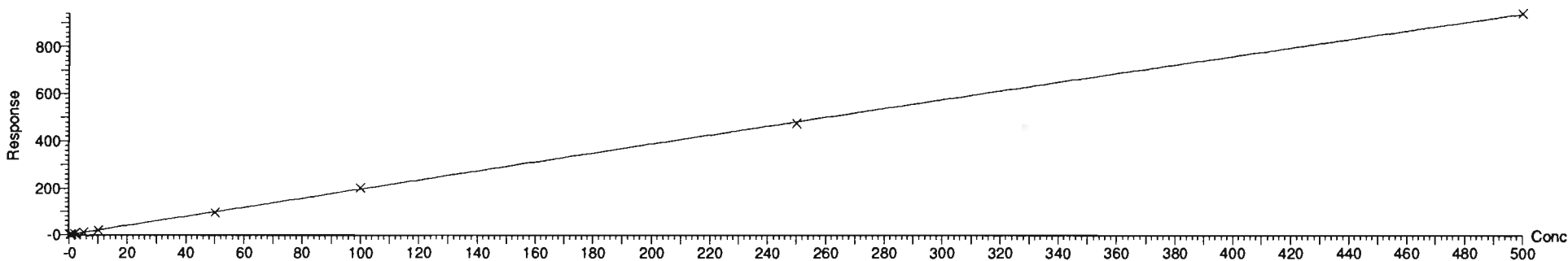
Compound name: PFBS

Coefficient of Determination: $R^2 = 0.999771$

Calibration curve: $-0.000215653 * x^2 + 1.98325 * x + -0.0201386$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



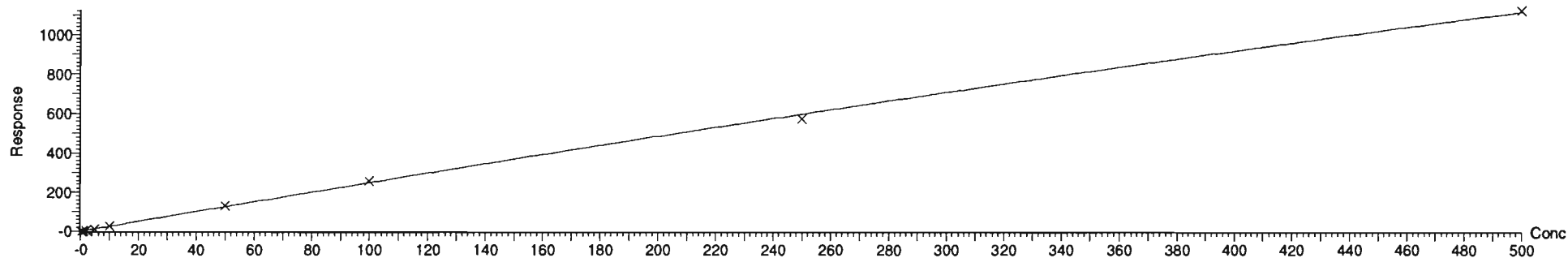
Compound name: 4:2 FTS

Coefficient of Determination: $R^2 = 0.999247$

Calibration curve: $-0.000648832 * x^2 + 2.55369 * x + 0.202418$

Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:55 Pacific Daylight Time

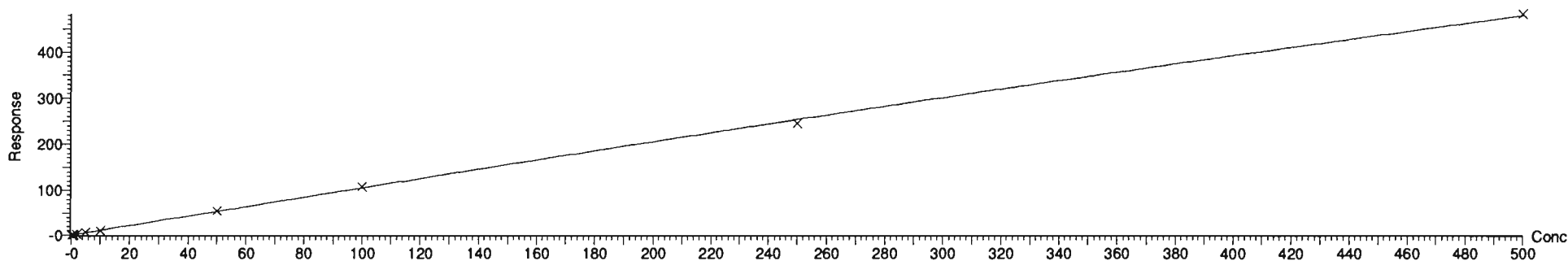
Compound name: PFHxA

Coefficient of Determination: $R^2 = 0.999388$

Calibration curve: $-0.000229273 * x^2 + 1.0725 * x + 0.0631198$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



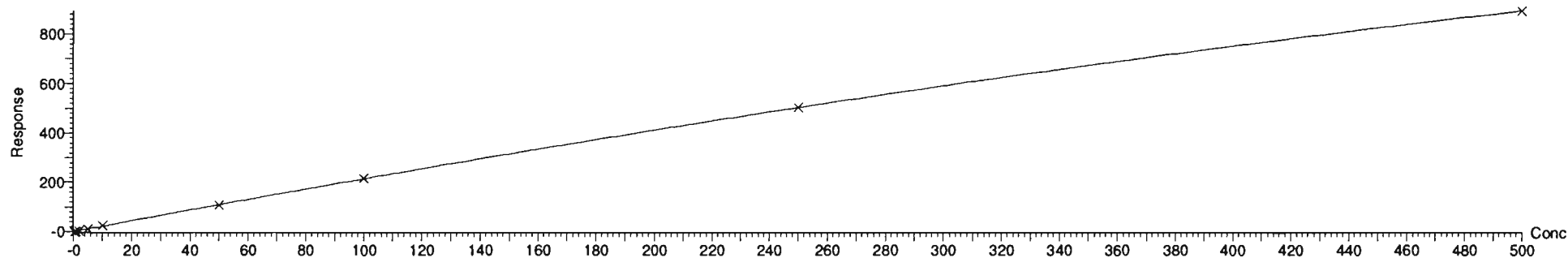
Compound name: PFPeS

Coefficient of Determination: $R^2 = 0.999817$

Calibration curve: $-0.000908064 * x^2 + 2.24168 * x + -0.157153$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:55 Pacific Daylight Time

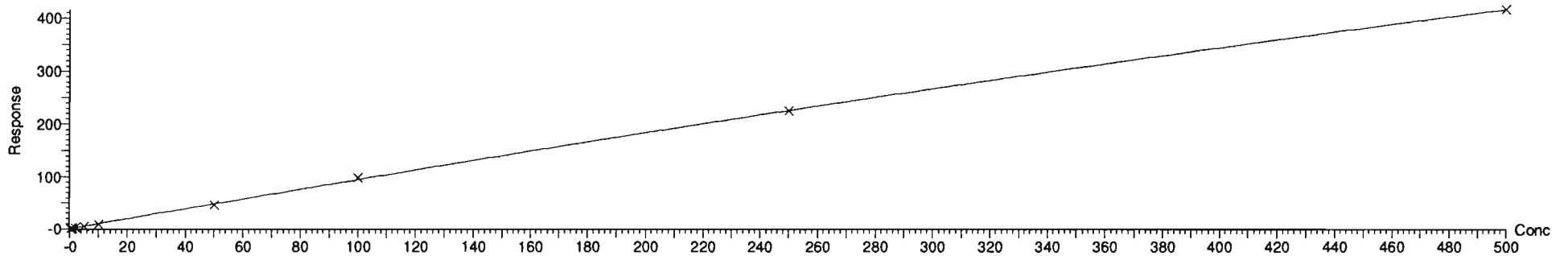
Compound name: HFPO-DA

Coefficient of Determination: $R^2 = 0.999448$

Calibration curve: $-0.000290861 * x^2 + 0.977886 * x + -0.0928594$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



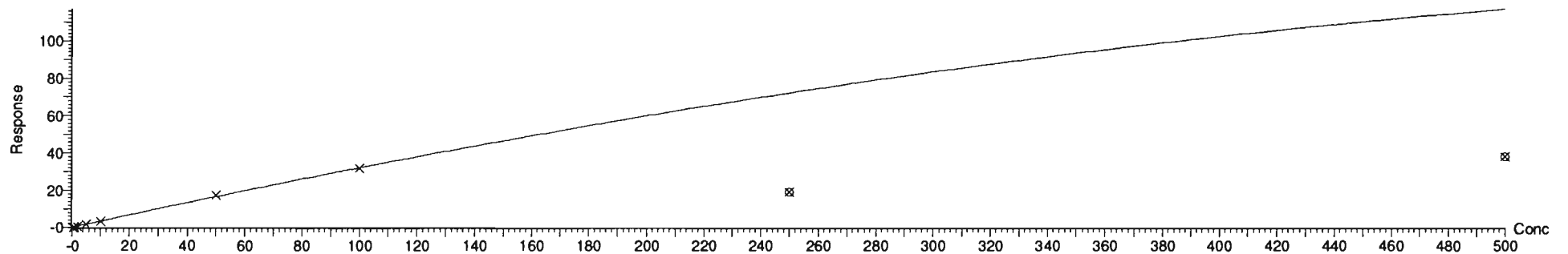
Compound name: 5:3 FTCA

Coefficient of Determination: $R^2 = 0.998686$

Calibration curve: $-0.000218146 * x^2 + 0.343278 * x + -0.0247894$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:55 Pacific Daylight Time

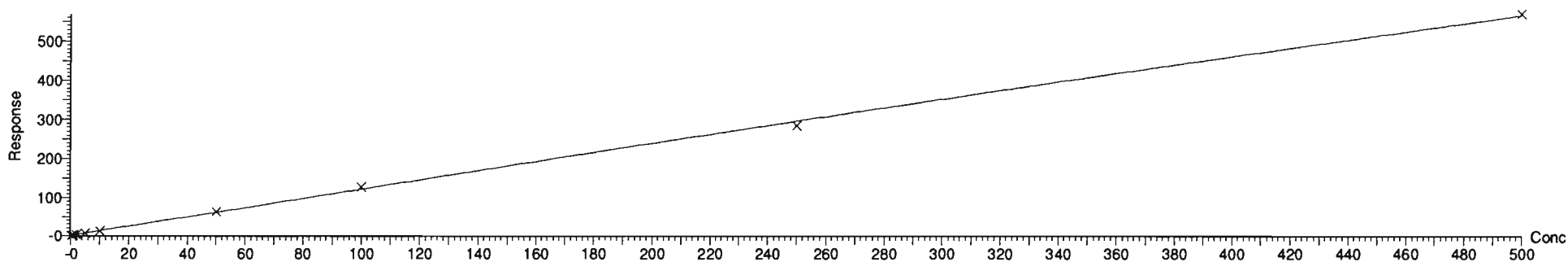
Compound name: PFHpA

Coefficient of Determination: $R^2 = 0.999227$

Calibration curve: $-0.00021511 * x^2 + 1.23781 * x + 0.0514585$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



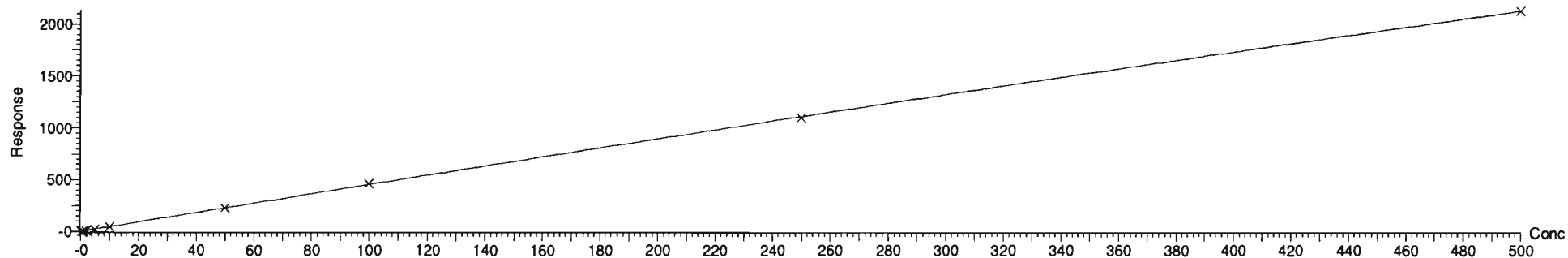
Compound name: ADONA

Coefficient of Determination: $R^2 = 0.999876$

Calibration curve: $-0.000754205 * x^2 + 4.6315 * x + 0.0822599$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:55 Pacific Daylight Time

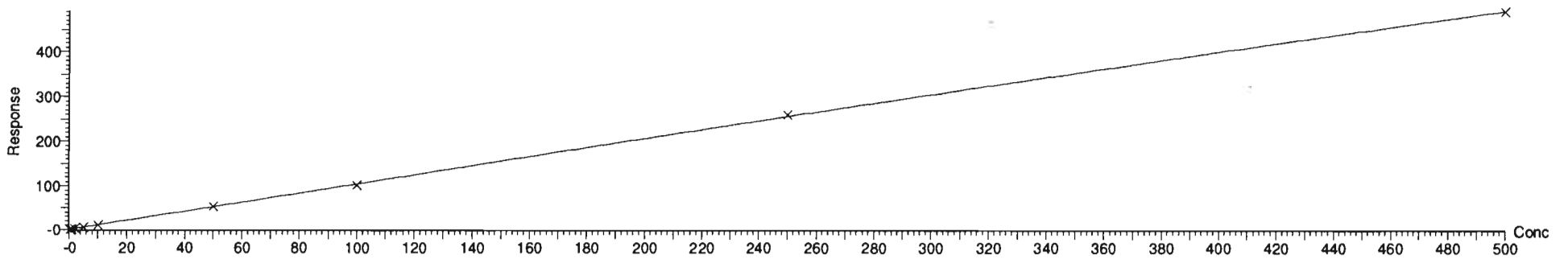
Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.999787$

Calibration curve: $-0.000166528 * x^2 + 1.06736 * x + -0.0560919$

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



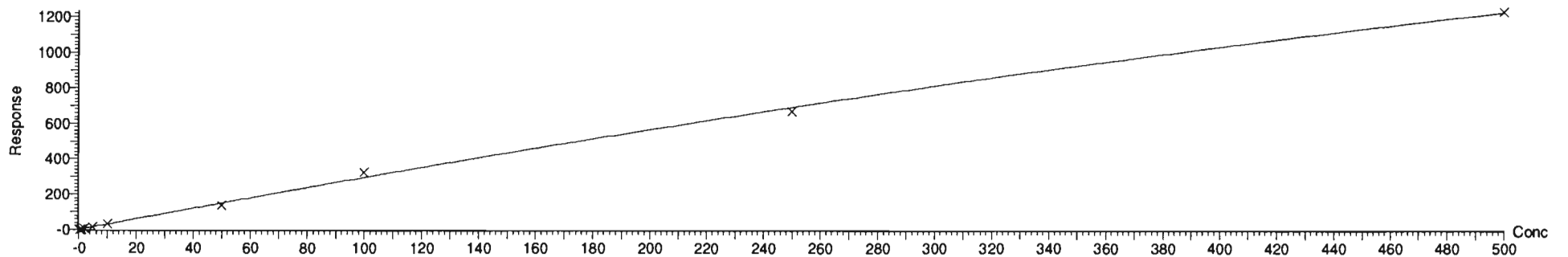
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.997718$

Calibration curve: $-0.00126953 * x^2 + 3.08666 * x + -0.0235817$

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:55 Pacific Daylight Time

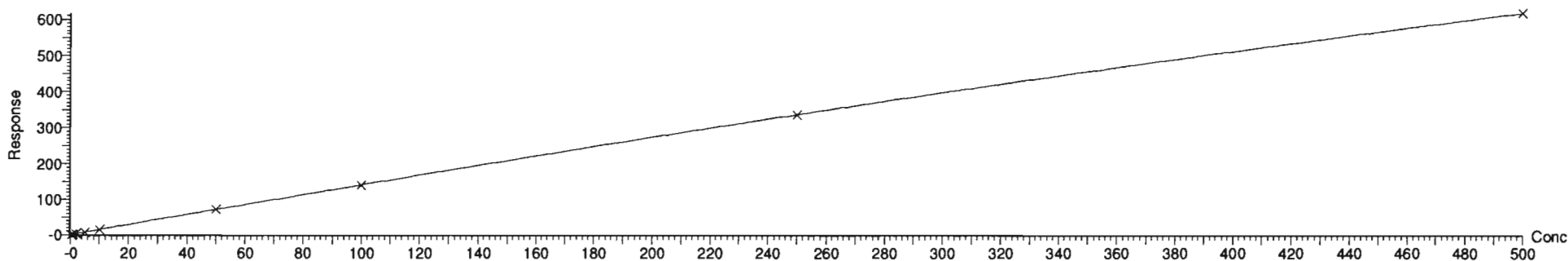
Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999976$

Calibration curve: $-0.00045165 * x^2 + 1.46173 * x + -0.00544194$

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



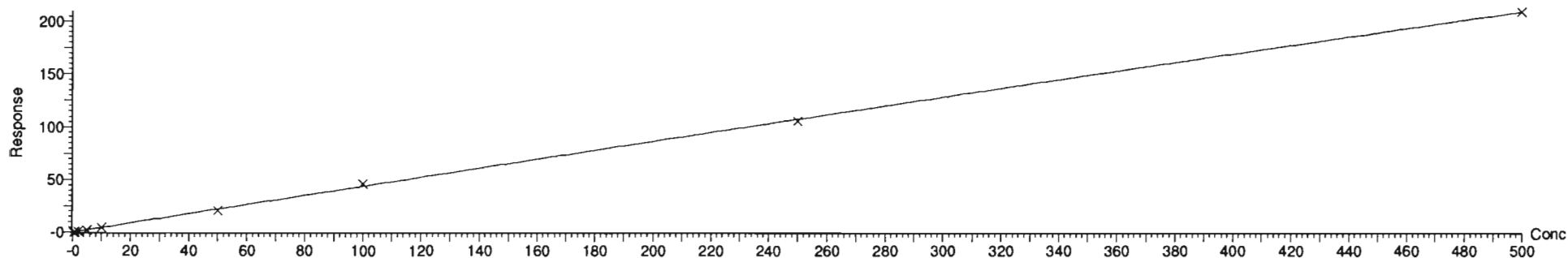
Compound name: PFecHS

Coefficient of Determination: $R^2 = 0.999345$

Calibration curve: $-4.80554e-005 * x^2 + 0.441946 * x + -0.0241861$

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:55 Pacific Daylight Time

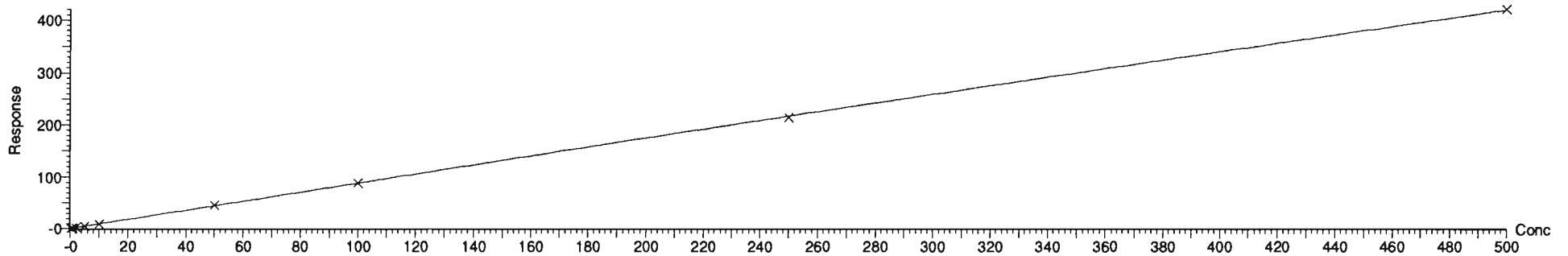
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.999825$

Calibration curve: $-0.000126829 * x^2 + 0.901406 * x + 0.00523513$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



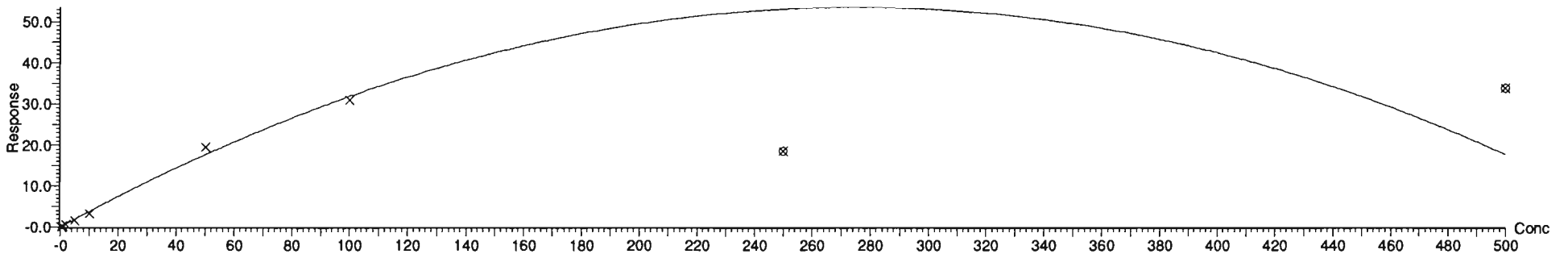
Compound name: 7:3 FTCA

Coefficient of Determination: $R^2 = 0.992237$

Calibration curve: $-0.000707974 * x^2 + 0.389524 * x - 0.0487429$

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:55 Pacific Daylight Time

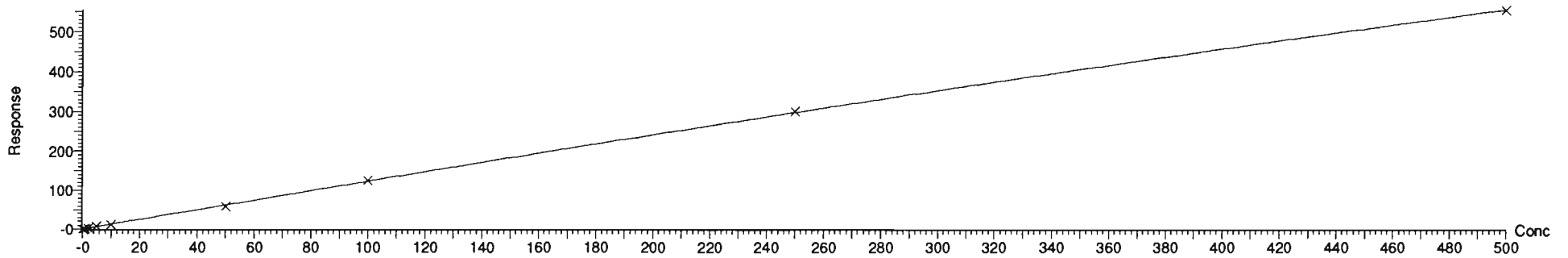
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999697$

Calibration curve: $-0.000315416 * x^2 + 1.26868 * x + -0.0377432$

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



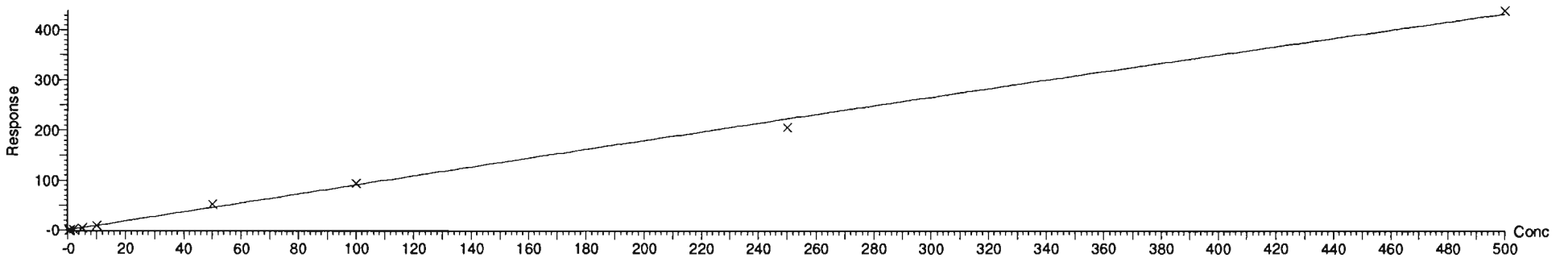
Compound name: PFOSA

Coefficient of Determination: $R^2 = 0.996802$

Calibration curve: $-0.000107401 * x^2 + 0.917942 * x + 0.0854965$

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:55 Pacific Daylight Time

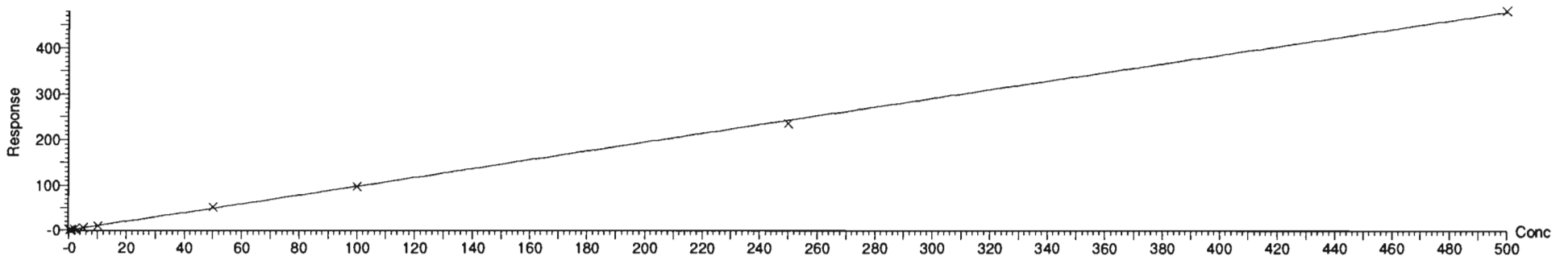
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999295$

Calibration curve: $-6.16685e-005 * x^2 + 0.987343 * x + 0.00589475$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



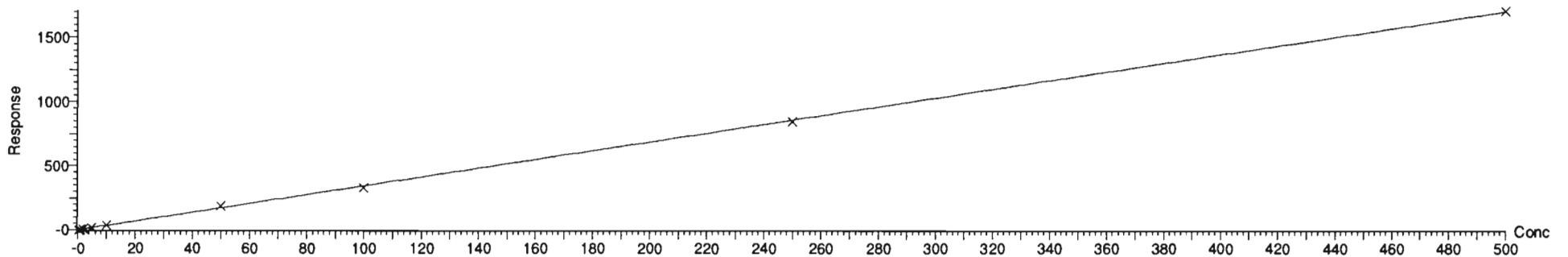
Compound name: 9CI-PF30NS

Coefficient of Determination: $R^2 = 0.999210$

Calibration curve: $-0.000101636 * x^2 + 3.45837 * x + 0.0262883$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:55 Pacific Daylight Time

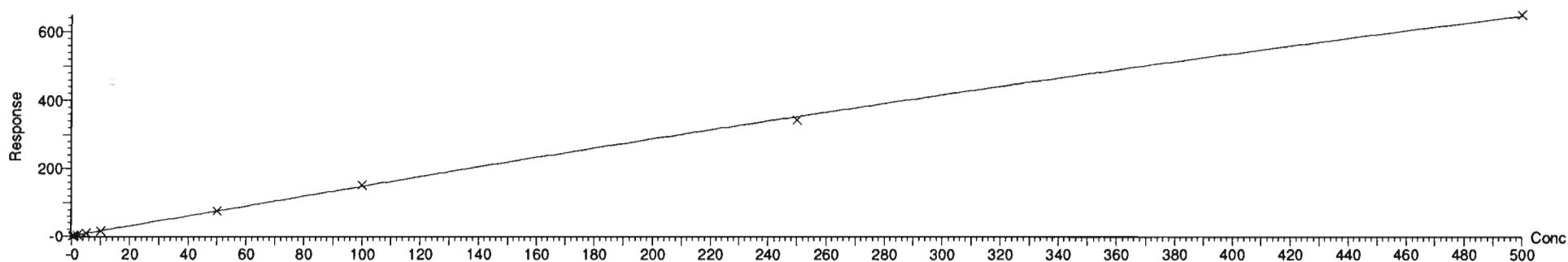
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.999565$

Calibration curve: $-0.000486054 * x^2 + 1.53502 * x + 0.0929487$

Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



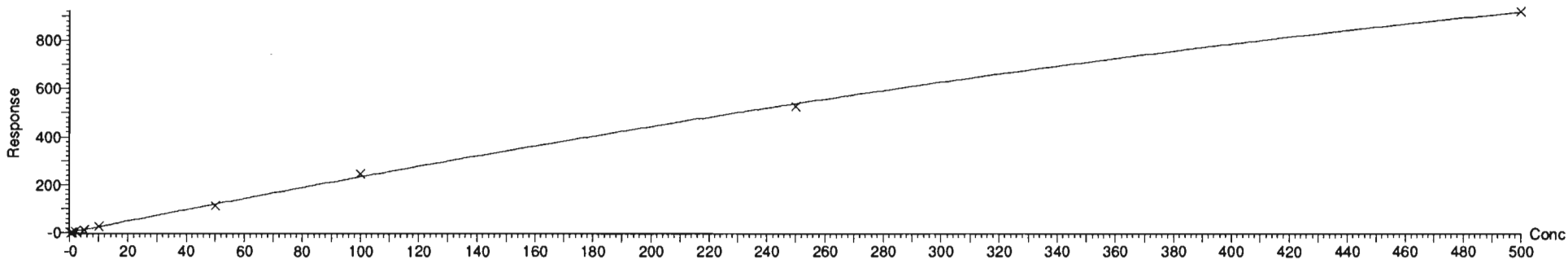
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.999172$

Calibration curve: $-0.00125897 * x^2 + 2.46671 * x + 0.0110557$

Response type: Internal Std (Ref 77), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:50:55 Pacific Daylight Time

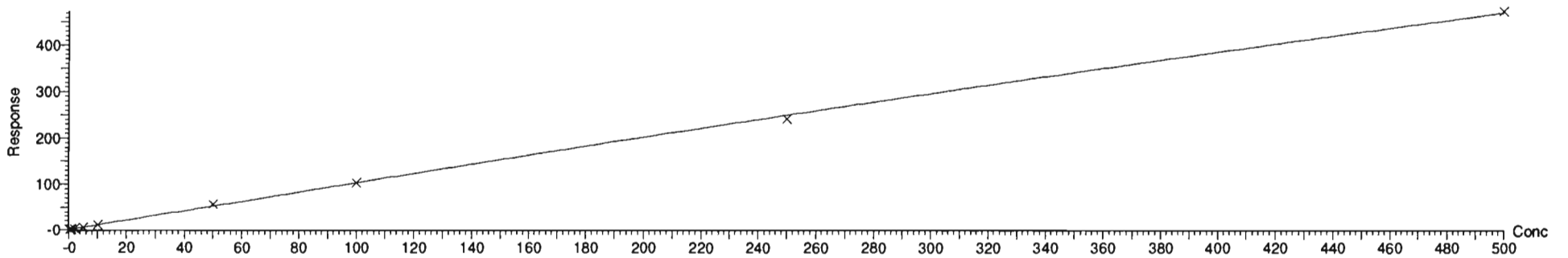
Compound name: PFNS

Coefficient of Determination: $R^2 = 0.999088$

Calibration curve: $-0.000240145 * x^2 + 1.06036 * x + -0.0566042$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



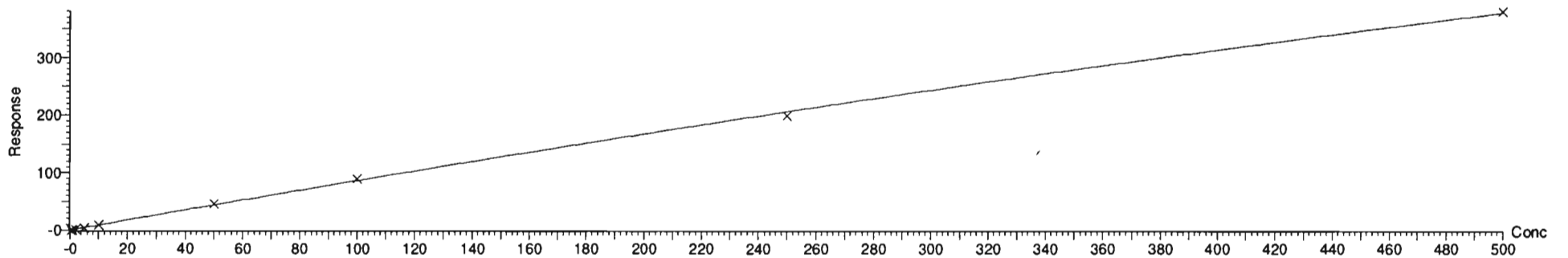
Compound name: L-MeFOSAA

Coefficient of Determination: $R^2 = 0.999342$

Calibration curve: $-0.000279389 * x^2 + 0.894746 * x + -0.0130983$

Response type: Internal Std (Ref 79), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:52:46 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

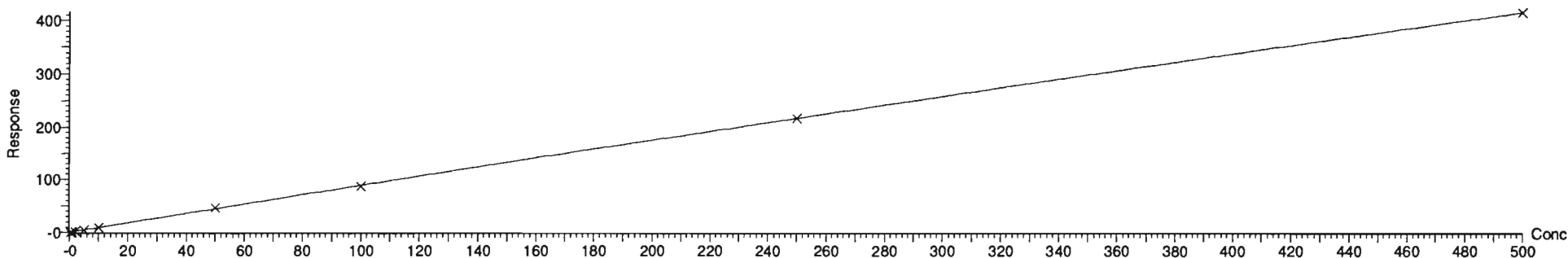
Compound name: L-EtFOSAA

Coefficient of Determination: $R^2 = 0.999761$

Calibration curve: $-0.000145067 * x^2 + 0.904546 * x + -0.0579331$

Response type: Internal Std (Ref 83), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



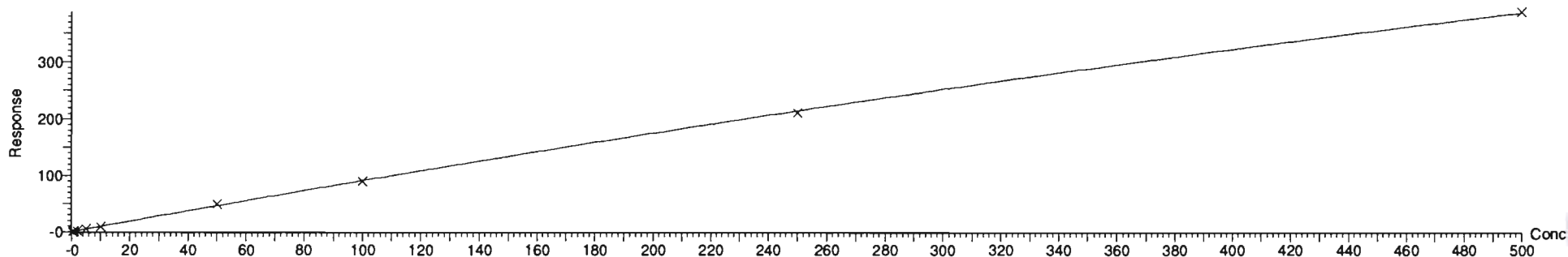
Compound name: PFUdA

Coefficient of Determination: $R^2 = 0.999622$

Calibration curve: $-0.000334788 * x^2 + 0.940558 * x + 0.0390359$

Response type: Internal Std (Ref 81), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:52:46 Pacific Daylight Time

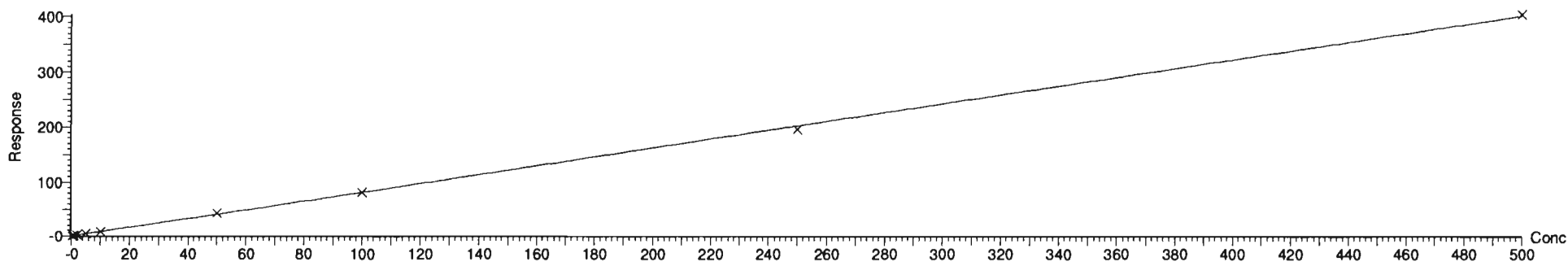
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.999238$

Calibration curve: $-2.28685e-005 * x^2 + 0.814751 * x + -0.00795756$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



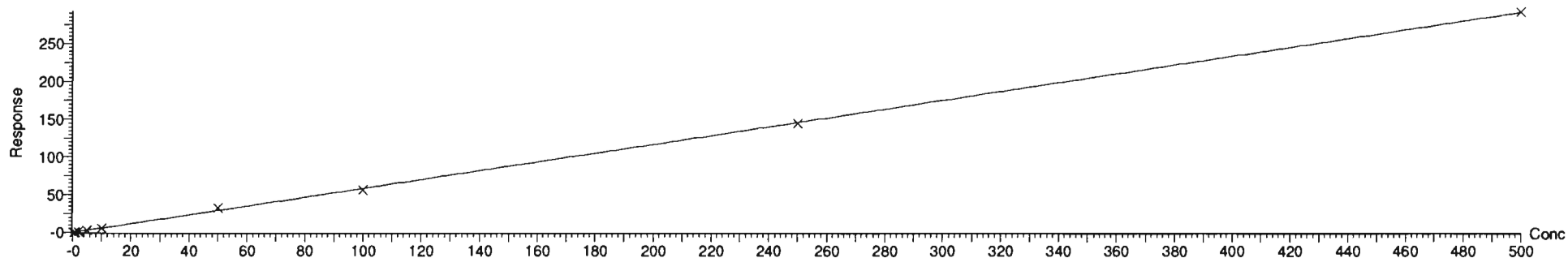
Compound name: 11Cl-PF30UdS

Coefficient of Determination: $R^2 = 0.999060$

Calibration curve: $-2.94036e-006 * x^2 + 0.585056 * x + 0.0114915$

Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:52:46 Pacific Daylight Time

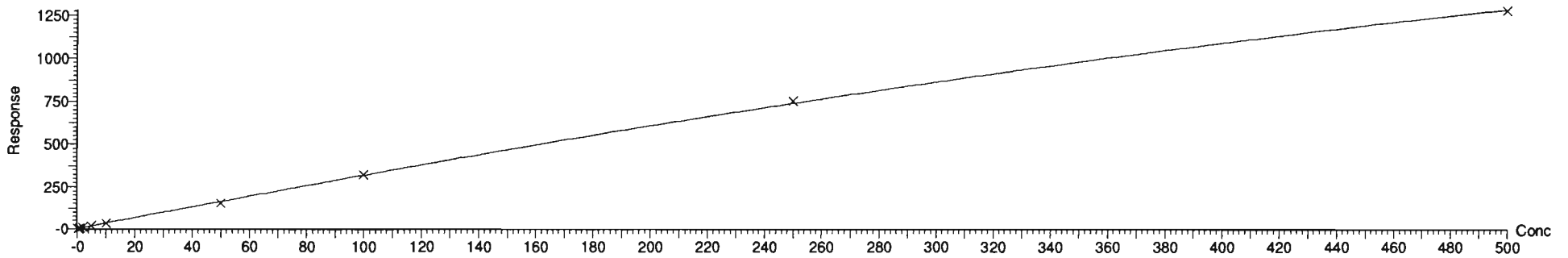
Compound name: 10:2 FTS

Coefficient of Determination: $R^2 = 0.999434$

Calibration curve: $-0.00156627 * x^2 + 3.35002 * x + 0.00744276$

Response type: Internal Std (Ref 87), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



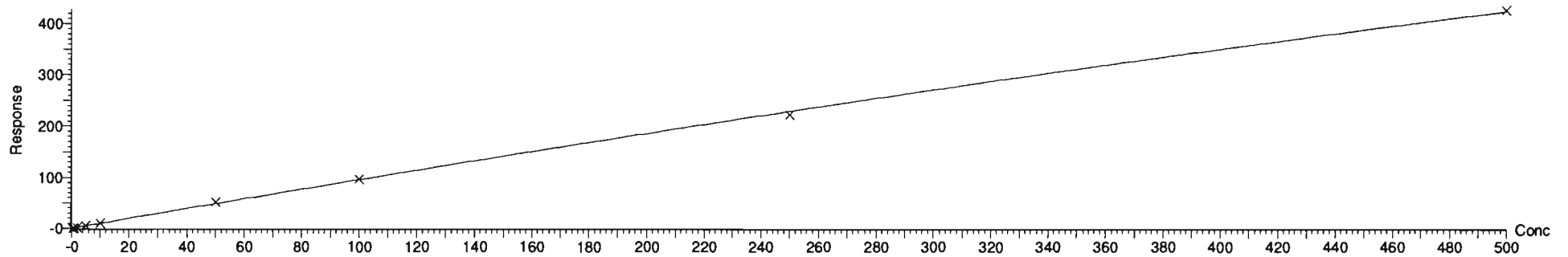
Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.999461$

Calibration curve: $-0.000274562 * x^2 + 0.985606 * x + 0.012166$

Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

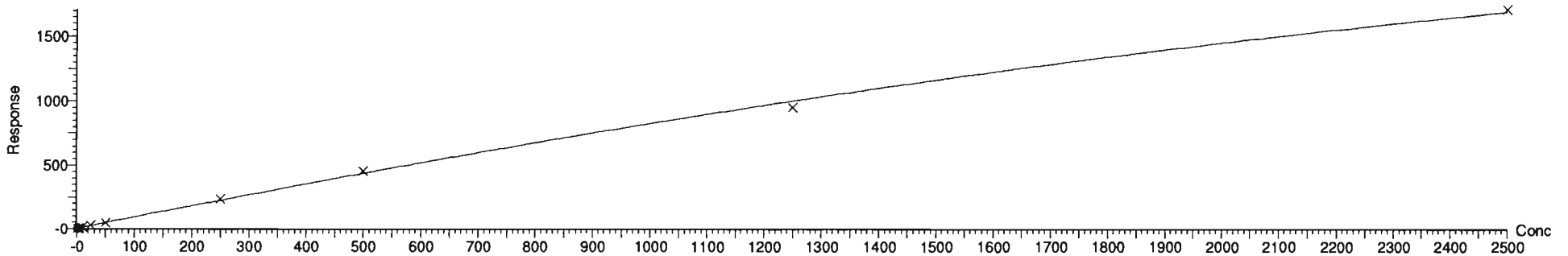


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

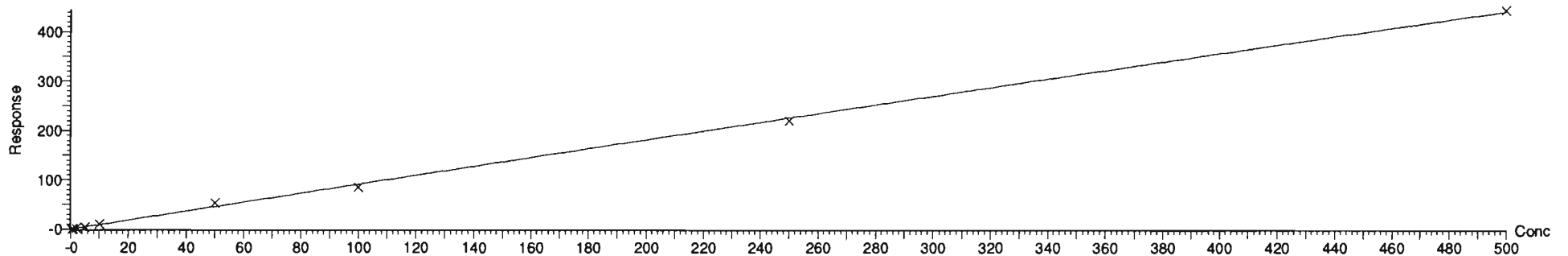
Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:52:46 Pacific Daylight Time

Compound name: N-MeFOSA
Coefficient of Determination: $R^2 = 0.998609$
Calibration curve: $-9.93717e-005 * x^2 + 0.923851 * x + 0.828296$
Response type: Internal Std (Ref 89), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Compound name: PFTrDA
Coefficient of Determination: $R^2 = 0.997587$
Calibration curve: $-8.89778e-005 * x^2 + 0.925933 * x + 0.03811$
Response type: Internal Std (Ref 85), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:52:46 Pacific Daylight Time

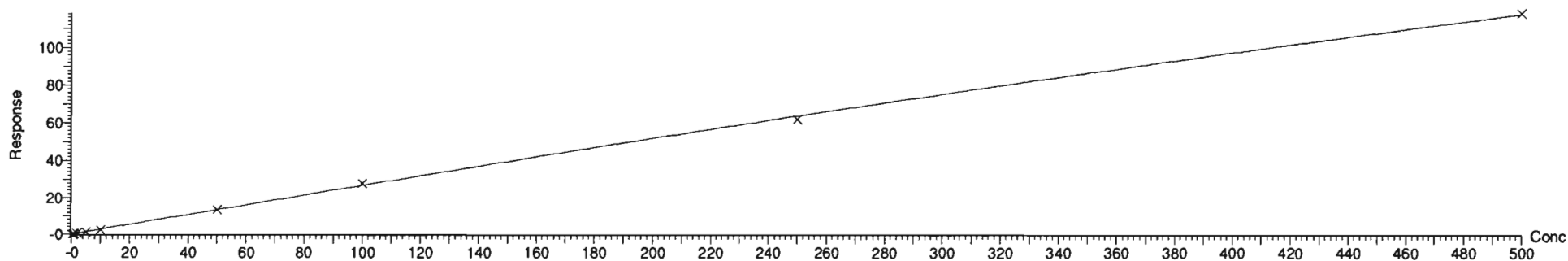
Compound name: PFDoS

Coefficient of Determination: $R^2 = 0.999492$

Calibration curve: $-8.00501e-005 * x^2 + 0.27558 * x - 0.0164536$

Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



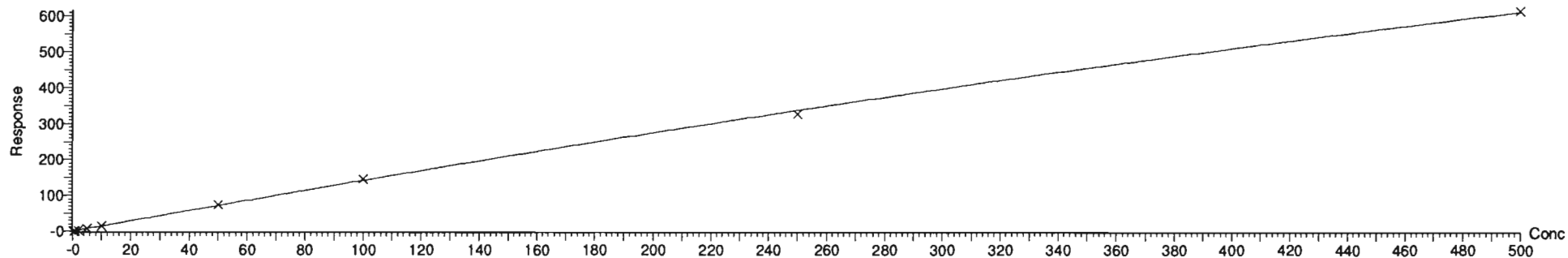
Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.999509$

Calibration curve: $-0.00050905 * x^2 + 1.47844 * x + 0.00871595$

Response type: Internal Std (Ref 91), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:52:46 Pacific Daylight Time

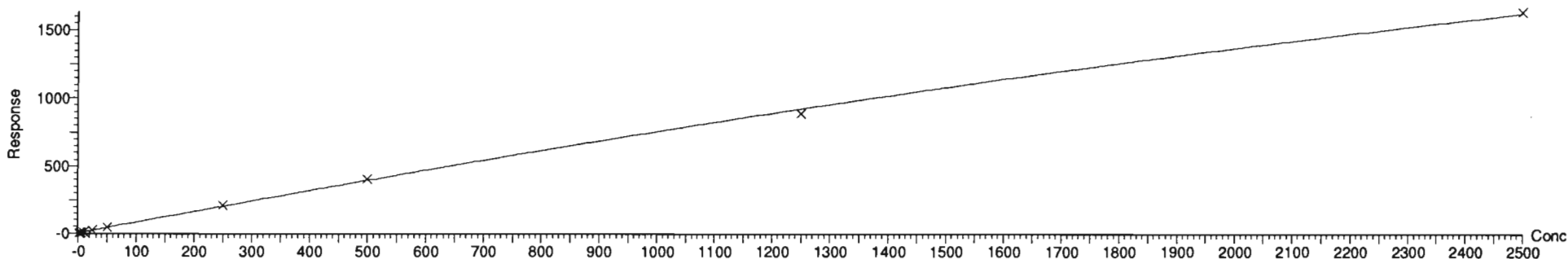
Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.999270$

Calibration curve: $-7.20593e-005 * x^2 + 0.827682 * x + 0.289092$

Response type: Internal Std (Ref 93), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



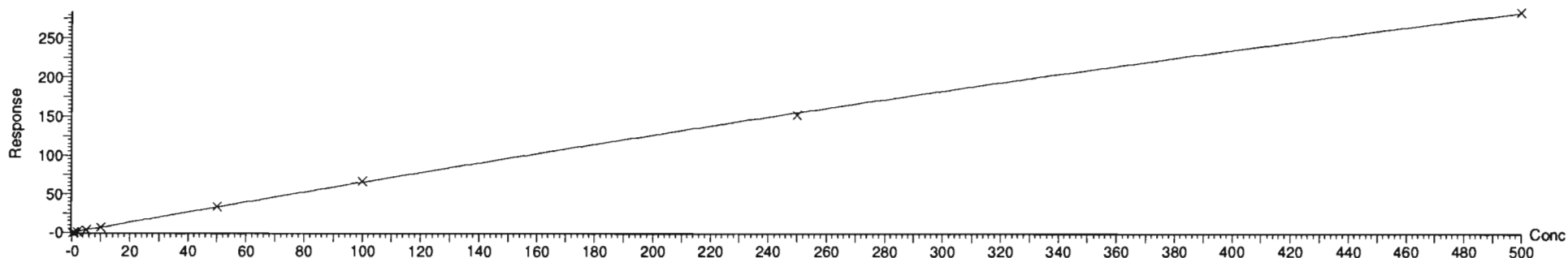
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999734$

Calibration curve: $-0.000214437 * x^2 + 0.672593 * x + 0.0981787$

Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:52:46 Pacific Daylight Time

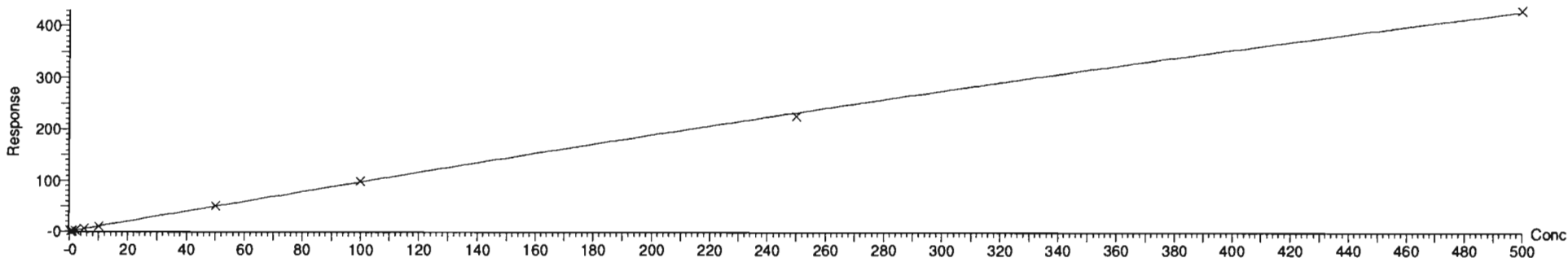
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.999567$

Calibration curve: $-0.000300502 * x^2 + 1.00594 * x + 0.0050702$

Response type: Internal Std (Ref 95), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



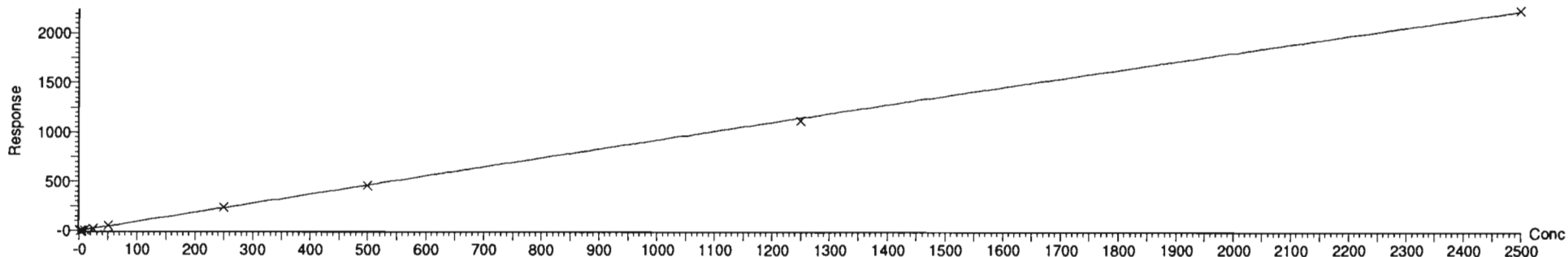
Compound name: N-MeFOSE

Coefficient of Determination: $R^2 = 0.999593$

Calibration curve: $-2.13611e-005 * x^2 + 0.944853 * x + 0.455482$

Response type: Internal Std (Ref 97), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:45:49 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:52:46 Pacific Daylight Time

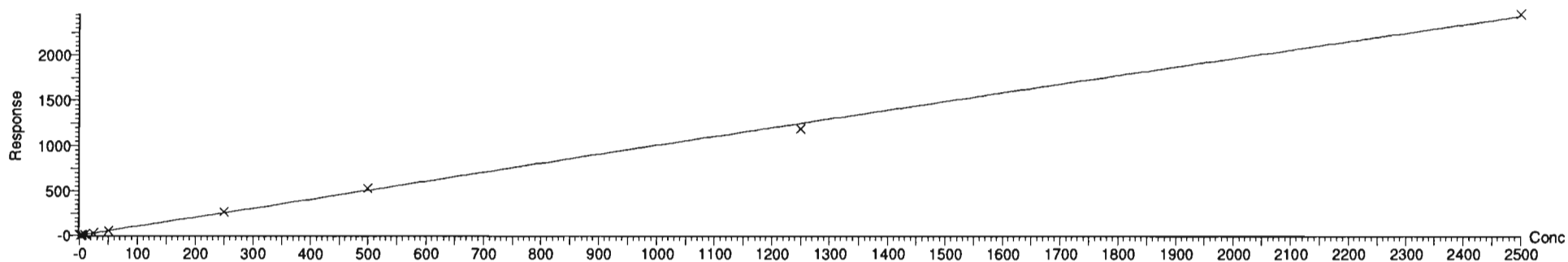
Compound name: N-EtFOSE

Coefficient of Determination: $R^2 = 0.998893$

Calibration curve: $-2.3498e-005 * x^2 + 1.02958 * x + 0.578144$

Response type: Internal Std (Ref 99), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

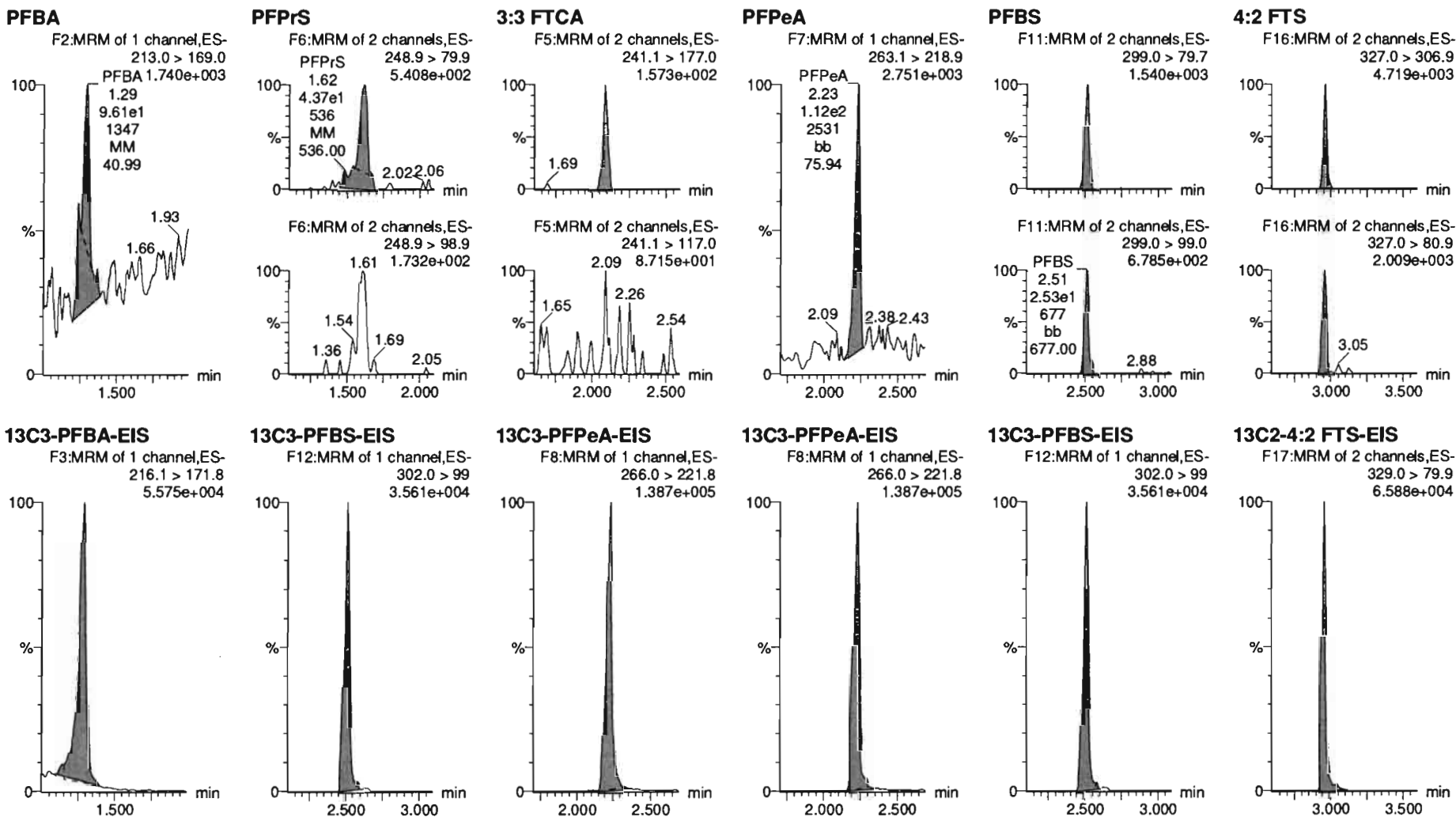
Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55

Calibration: 17 Jul 2020 09:24:41

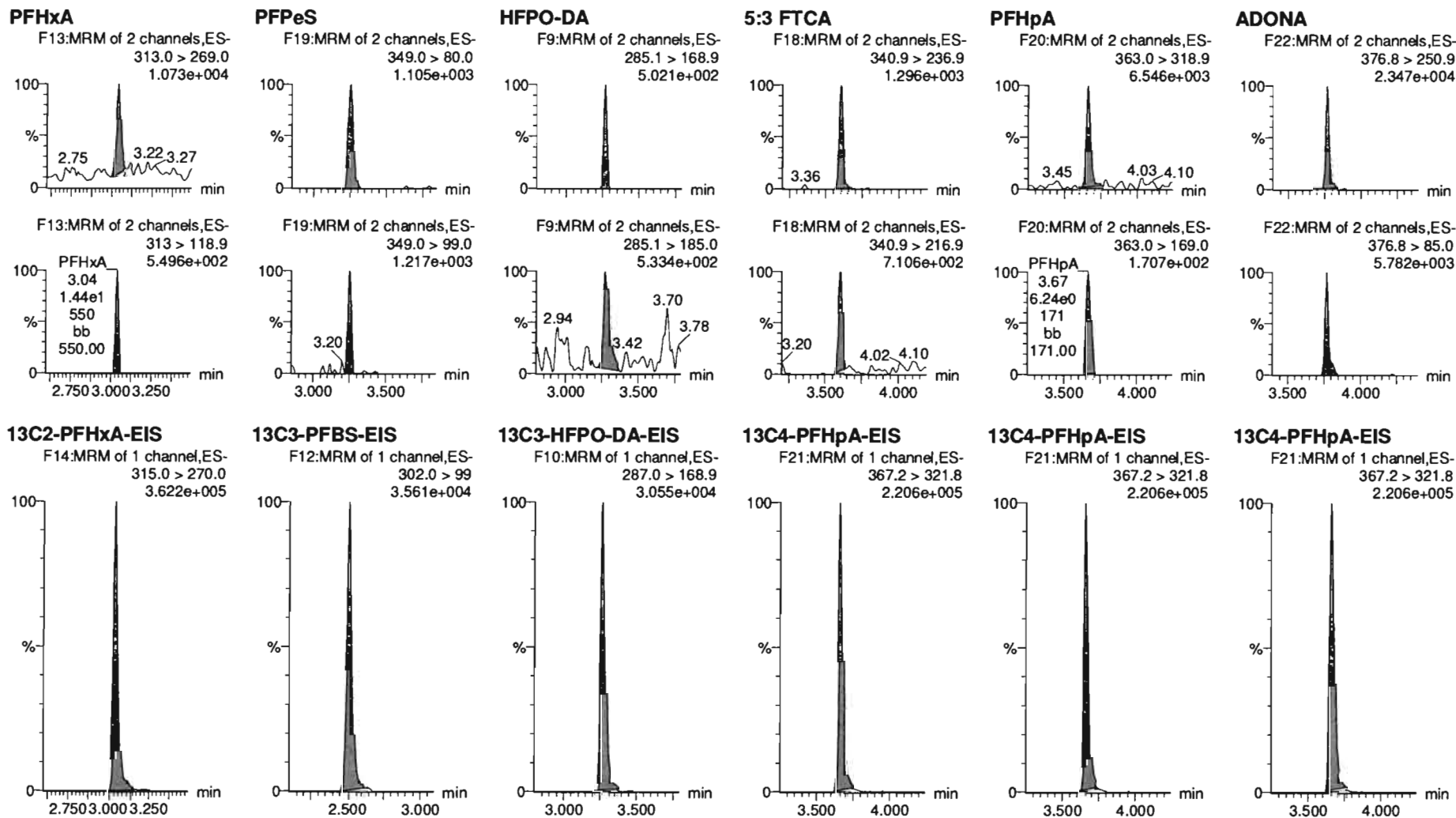
Name: 200716M1_3, Date: 16-Jul-2020, Time: 15:37:57, ID: ST200716M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time
Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

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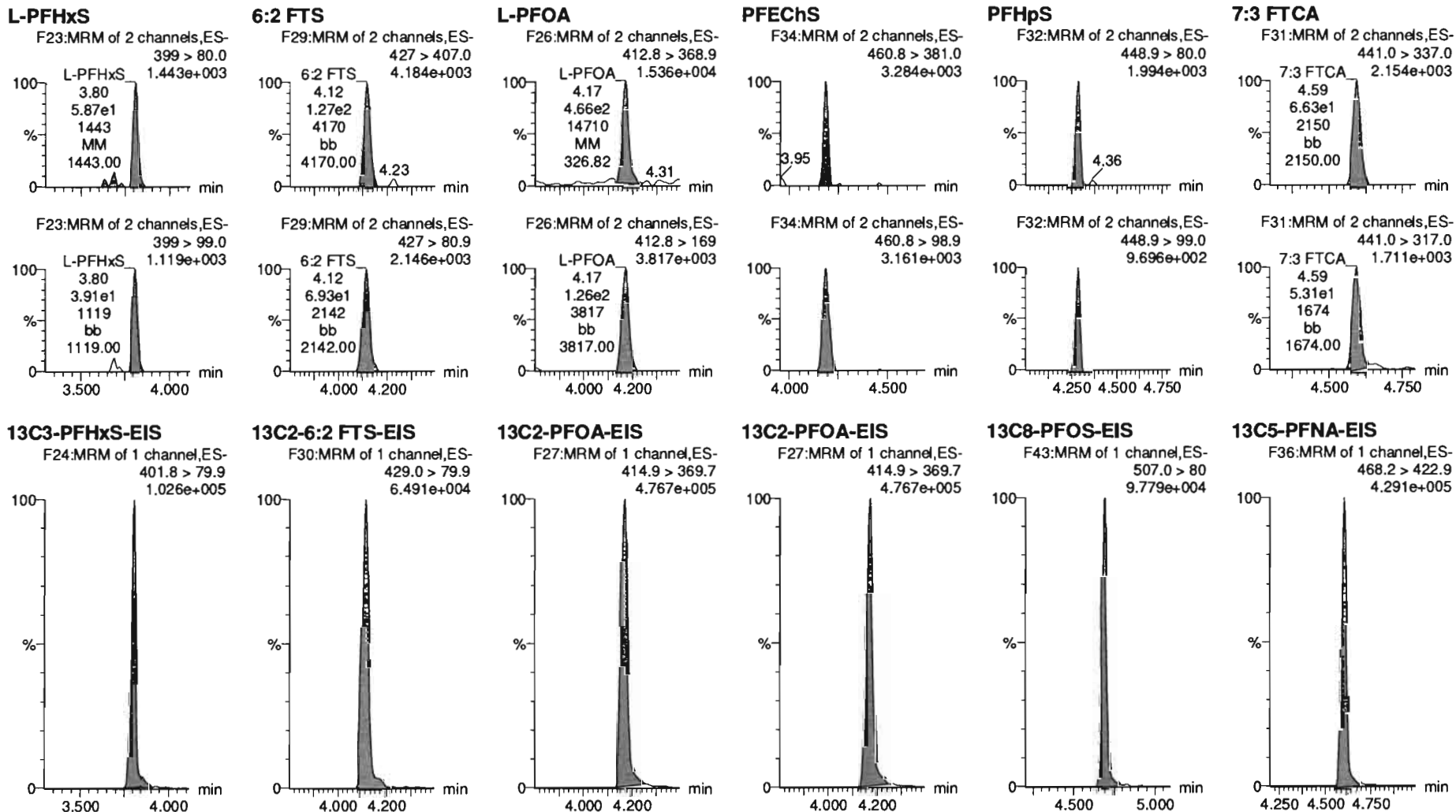


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

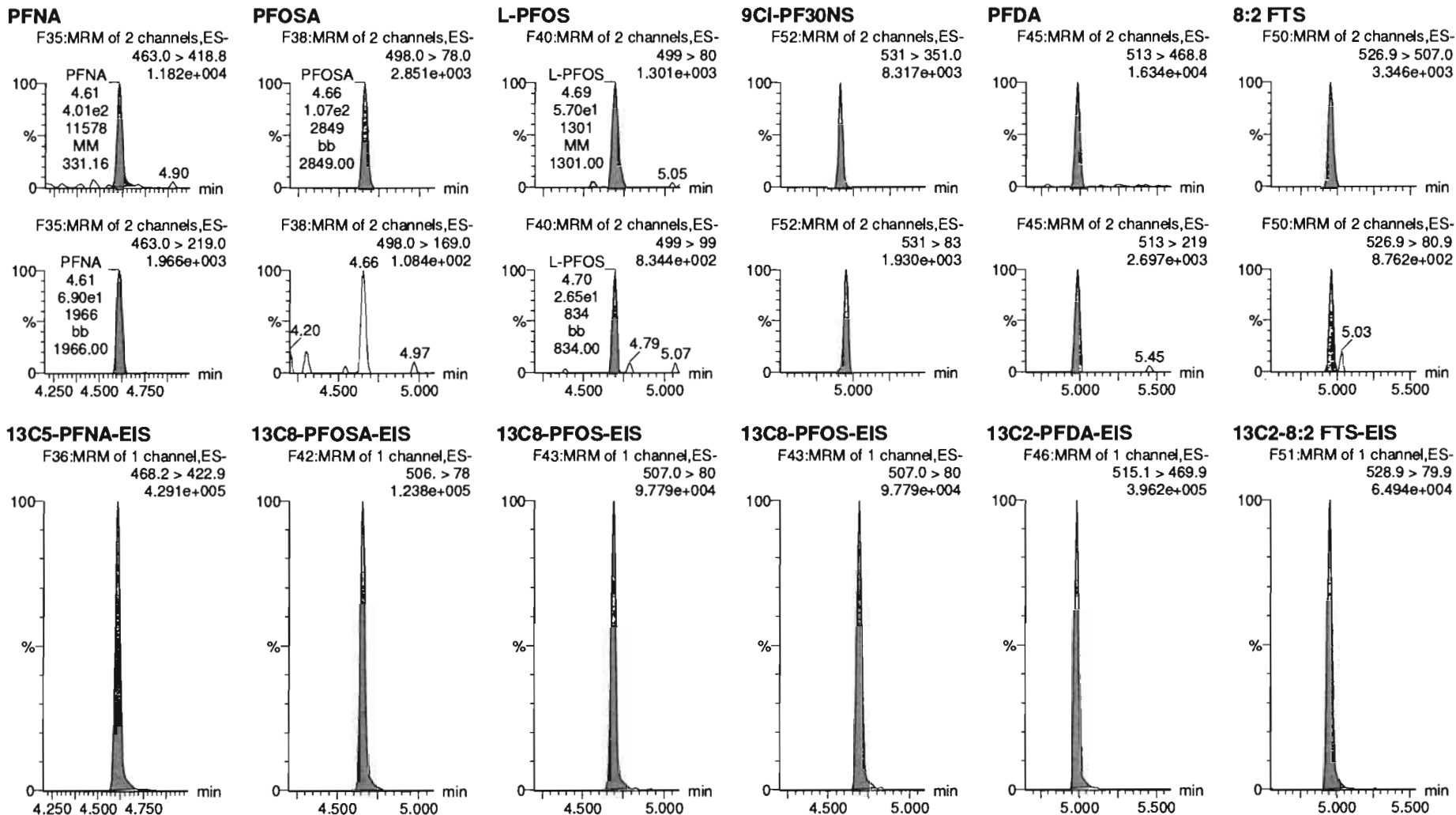
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Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time
Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_3, Date: 16-Jul-2020, Time: 15:37:57, ID: ST200716M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

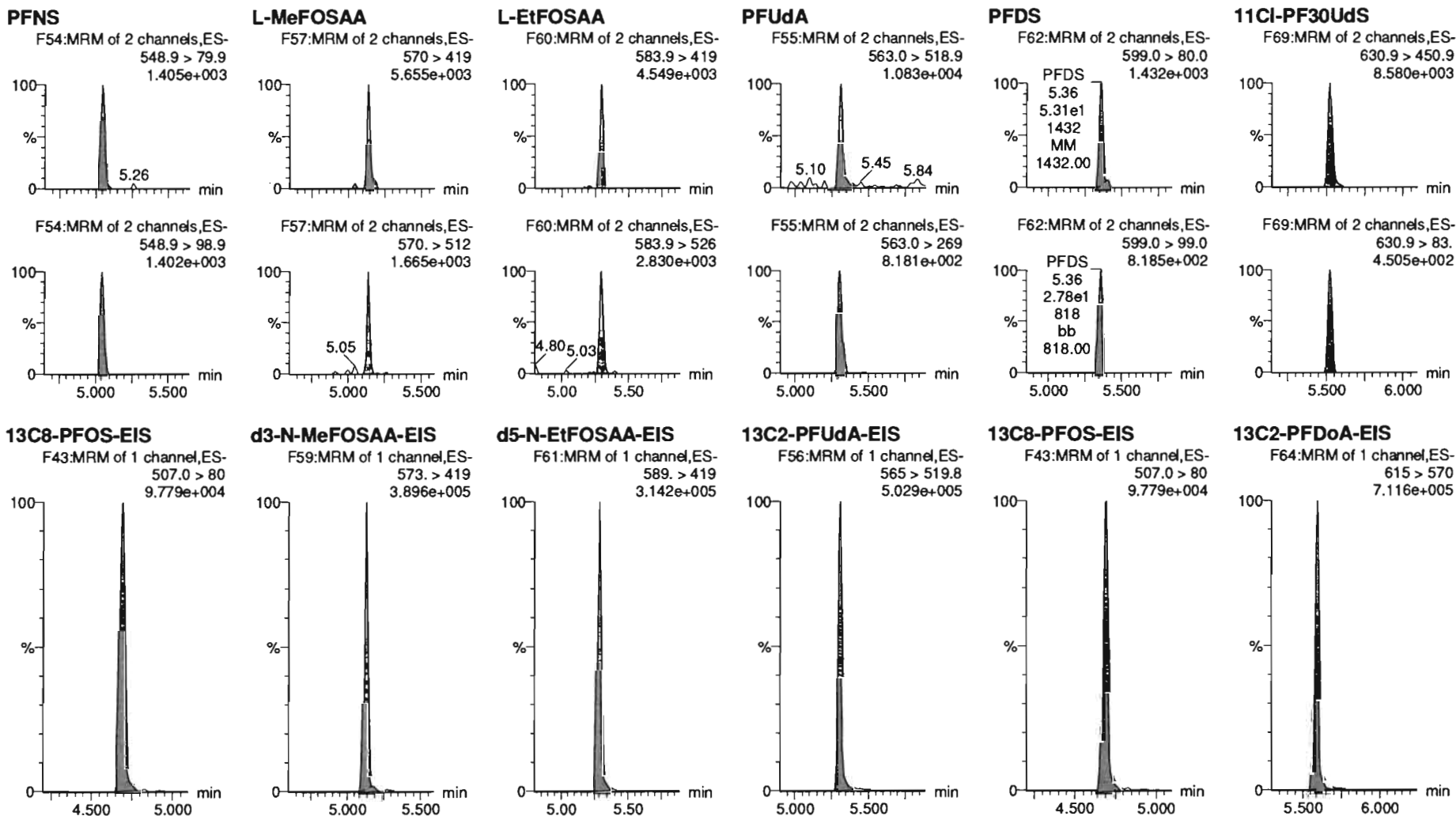


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

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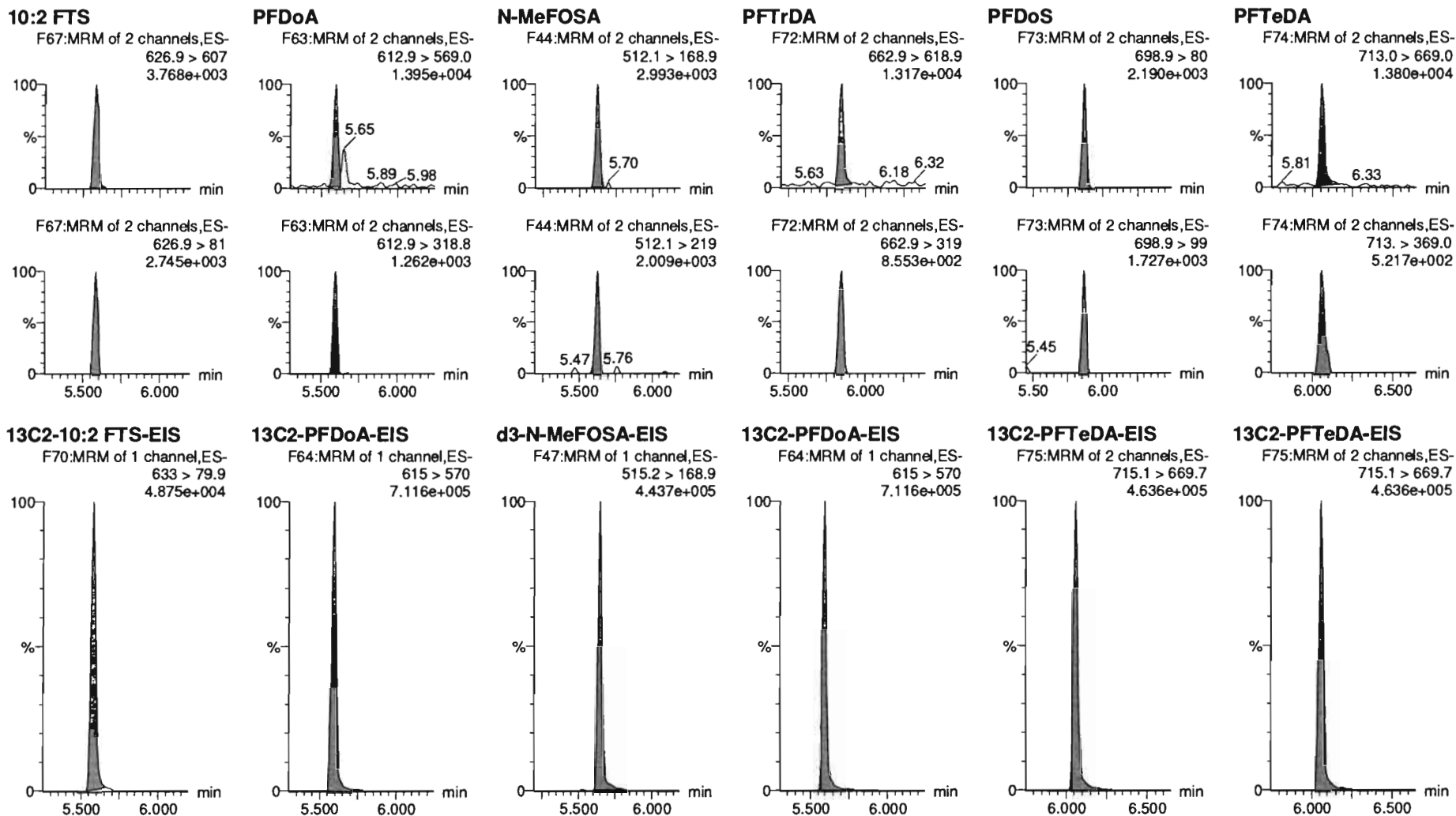


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_3, Date: 16-Jul-2020, Time: 15:37:57, ID: ST200716M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

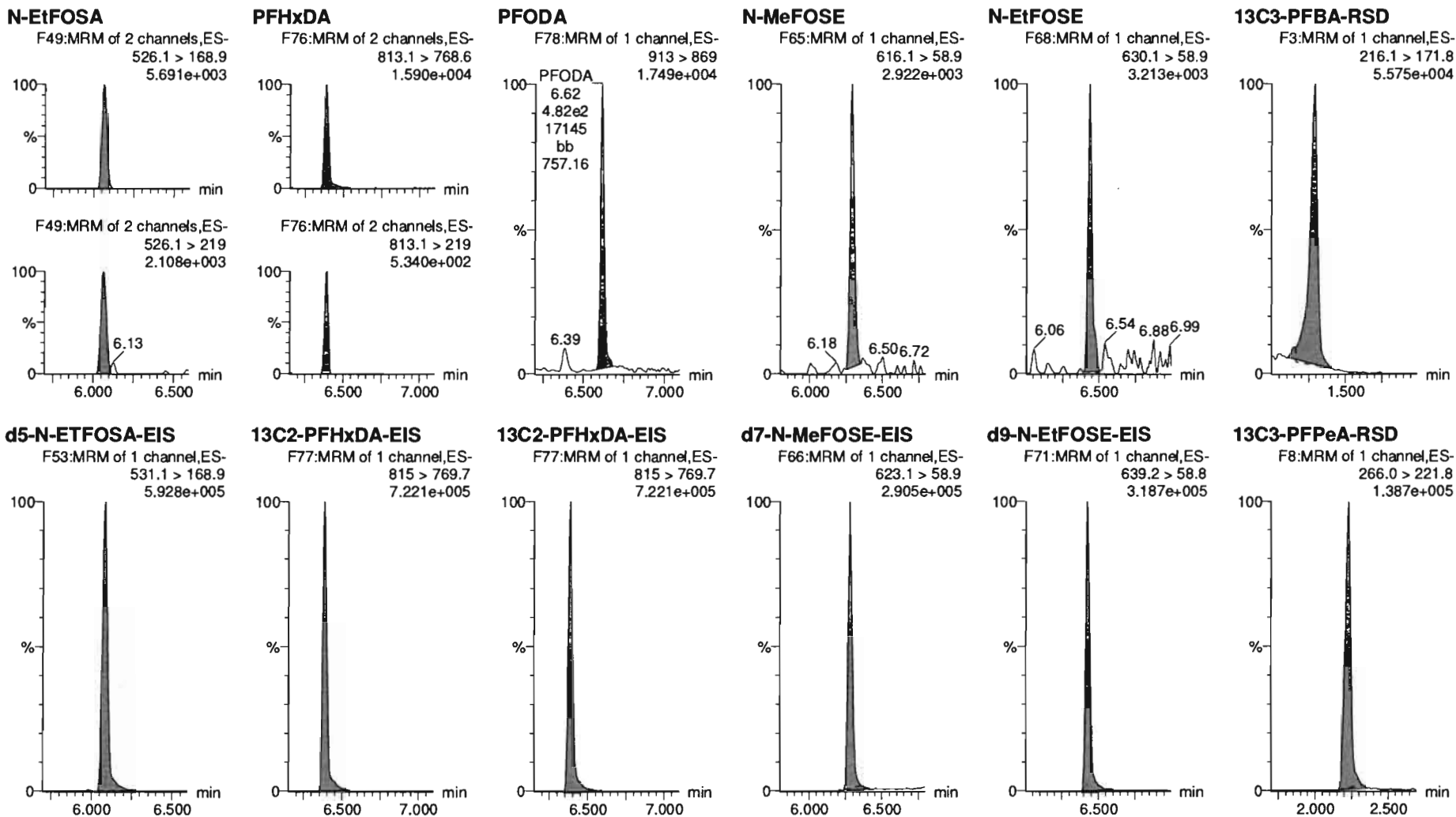


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_3, Date: 16-Jul-2020, Time: 15:37:57, ID: ST200716M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

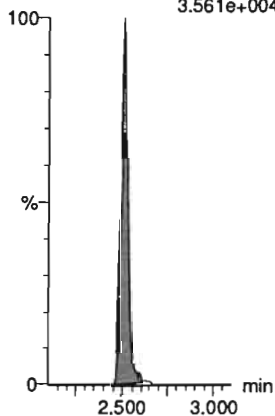
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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_3, Date: 16-Jul-2020, Time: 15:37:57, ID: ST200716M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

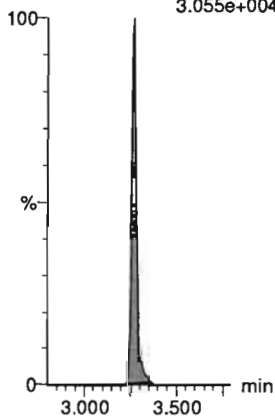
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.561e+004



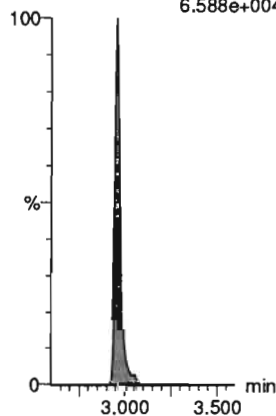
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.055e+004



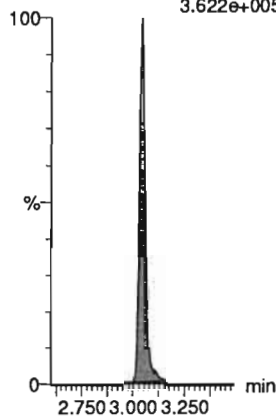
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.588e+004



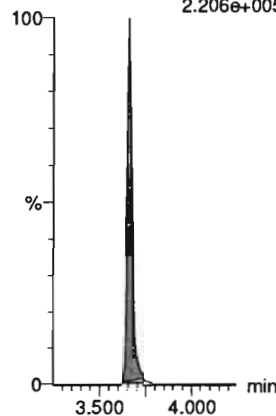
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.622e+005



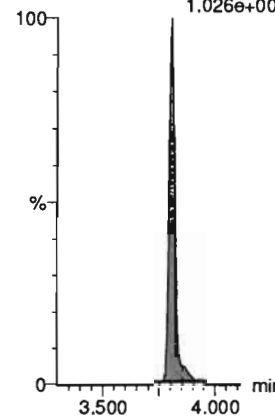
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.206e+005



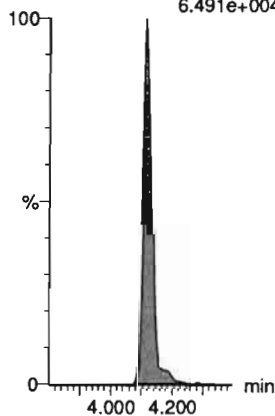
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.026e+005



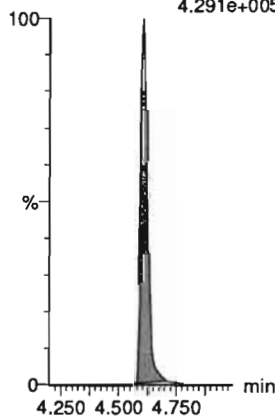
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
6.491e+004



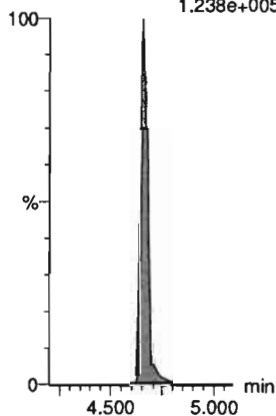
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.291e+005



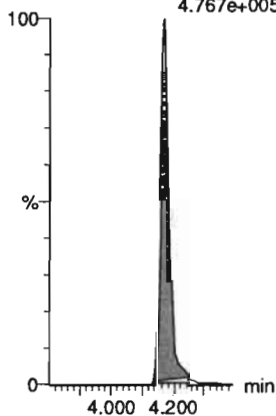
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.238e+005



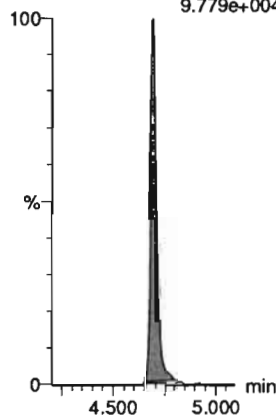
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
4.767e+005



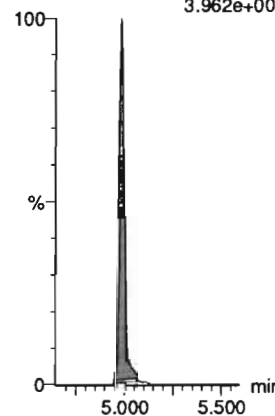
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
9.779e+004



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
3.962e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

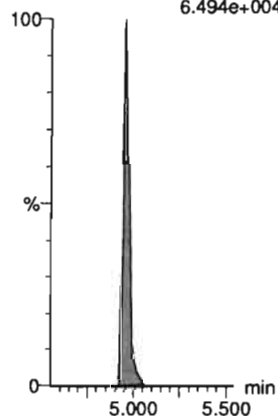
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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_3, Date: 16-Jul-2020, Time: 15:37:57, ID: ST200716M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

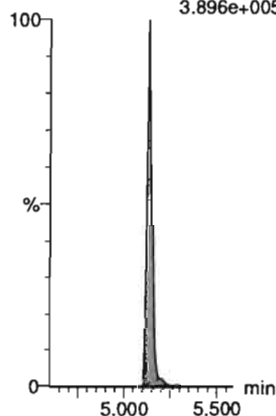
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.494e+004



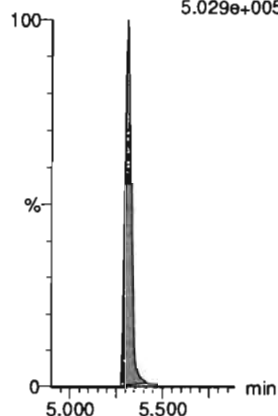
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
3.896e+005



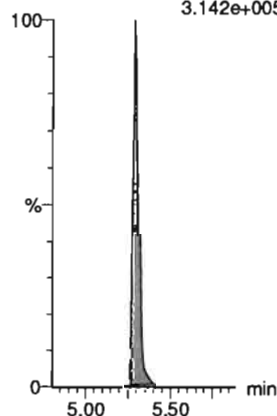
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
5.029e+005



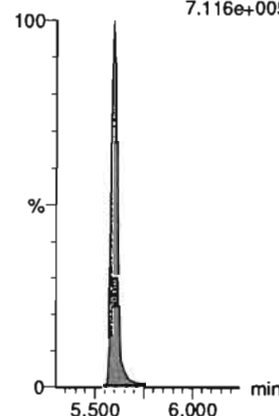
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.142e+005



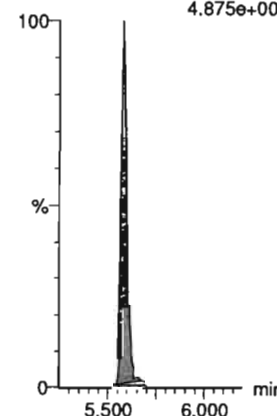
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
7.116e+005



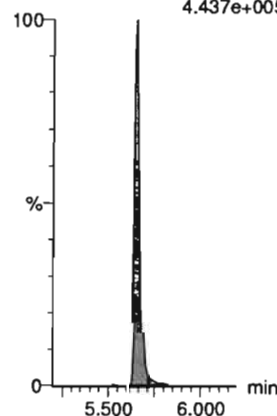
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.875e+004



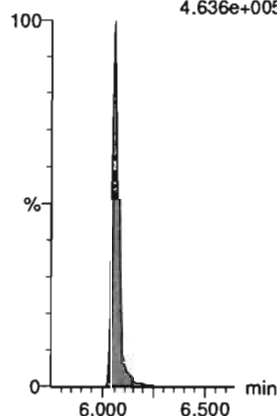
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
4.437e+005



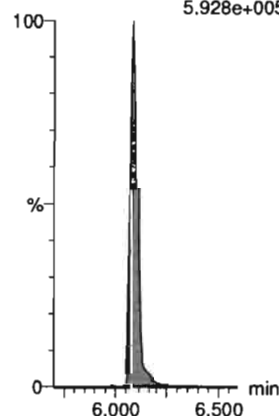
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.636e+005



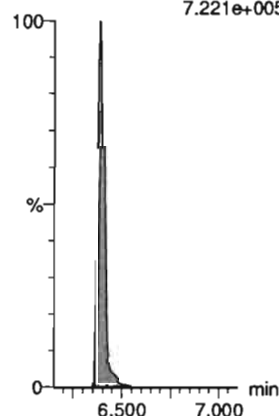
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
5.928e+005



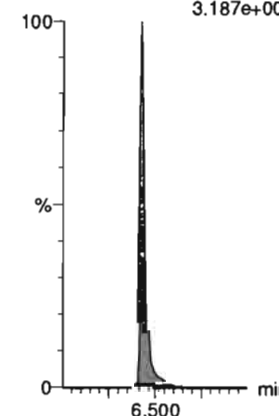
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.221e+005



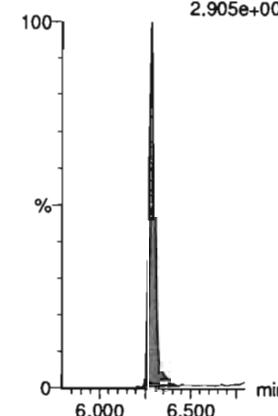
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
3.187e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
2.905e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

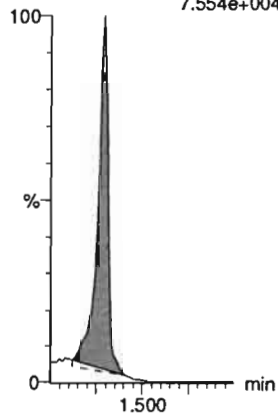
Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_3, Date: 16-Jul-2020, Time: 15:37:57, ID: ST200716M1-1 PFC CS-2 20F1901, Description: PFC CS-2 20F1901

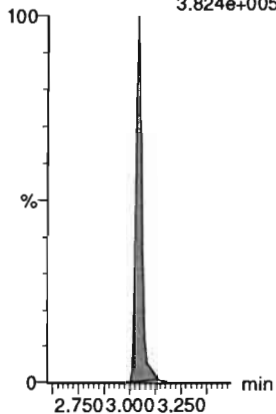
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
7.554e+004



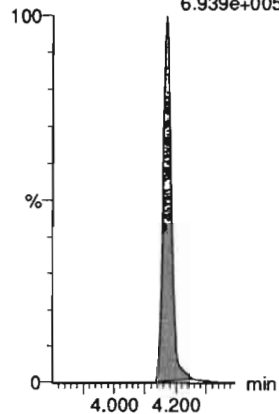
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
3.824e+005



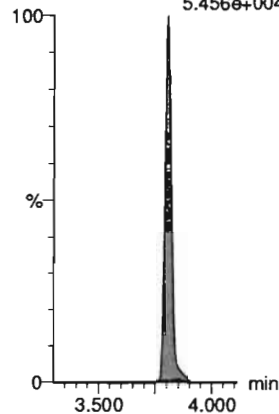
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
6.939e+005



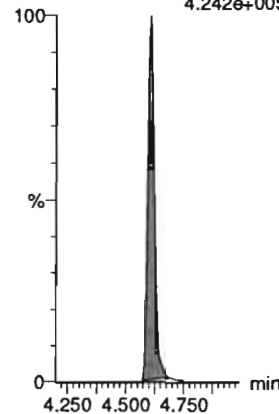
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
5.456e+004



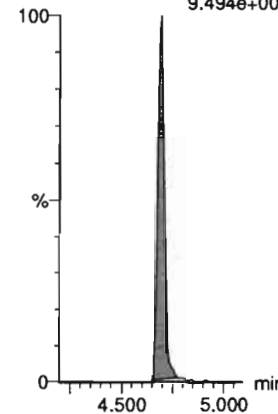
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
4.242e+005



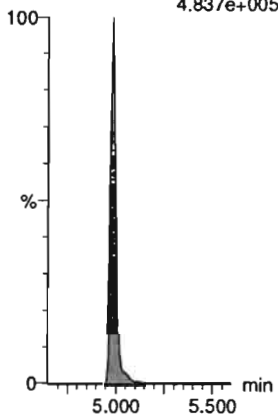
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
9.494e+004



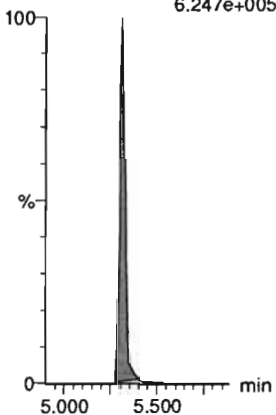
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
4.837e+005



13C7-PFuDA

F58:MRM of 1 channel,ES-
570.1 > 524.8
6.247e+005

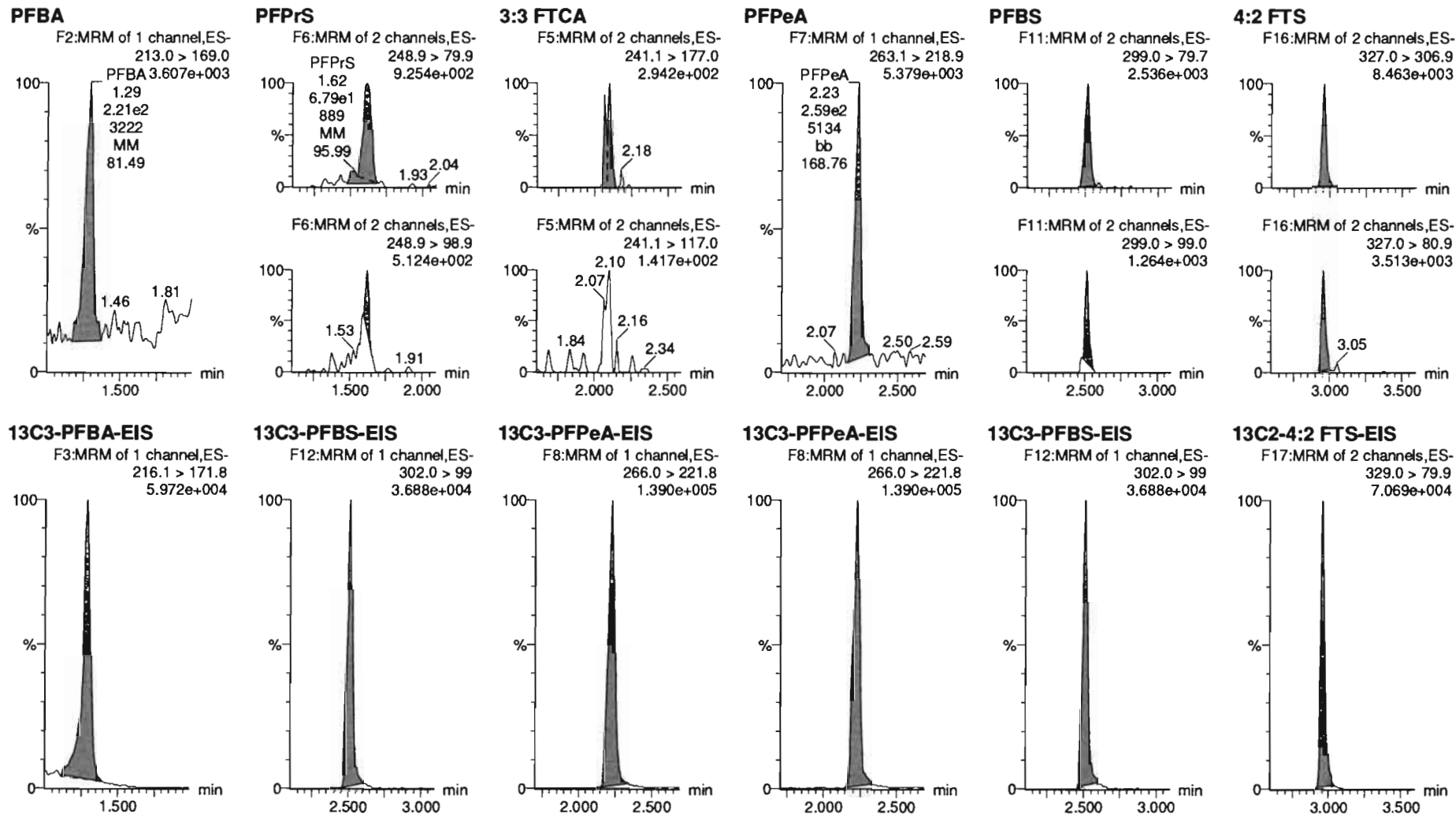


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Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_4, Date: 16-Jul-2020, Time: 15:48:23, ID: ST200716M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

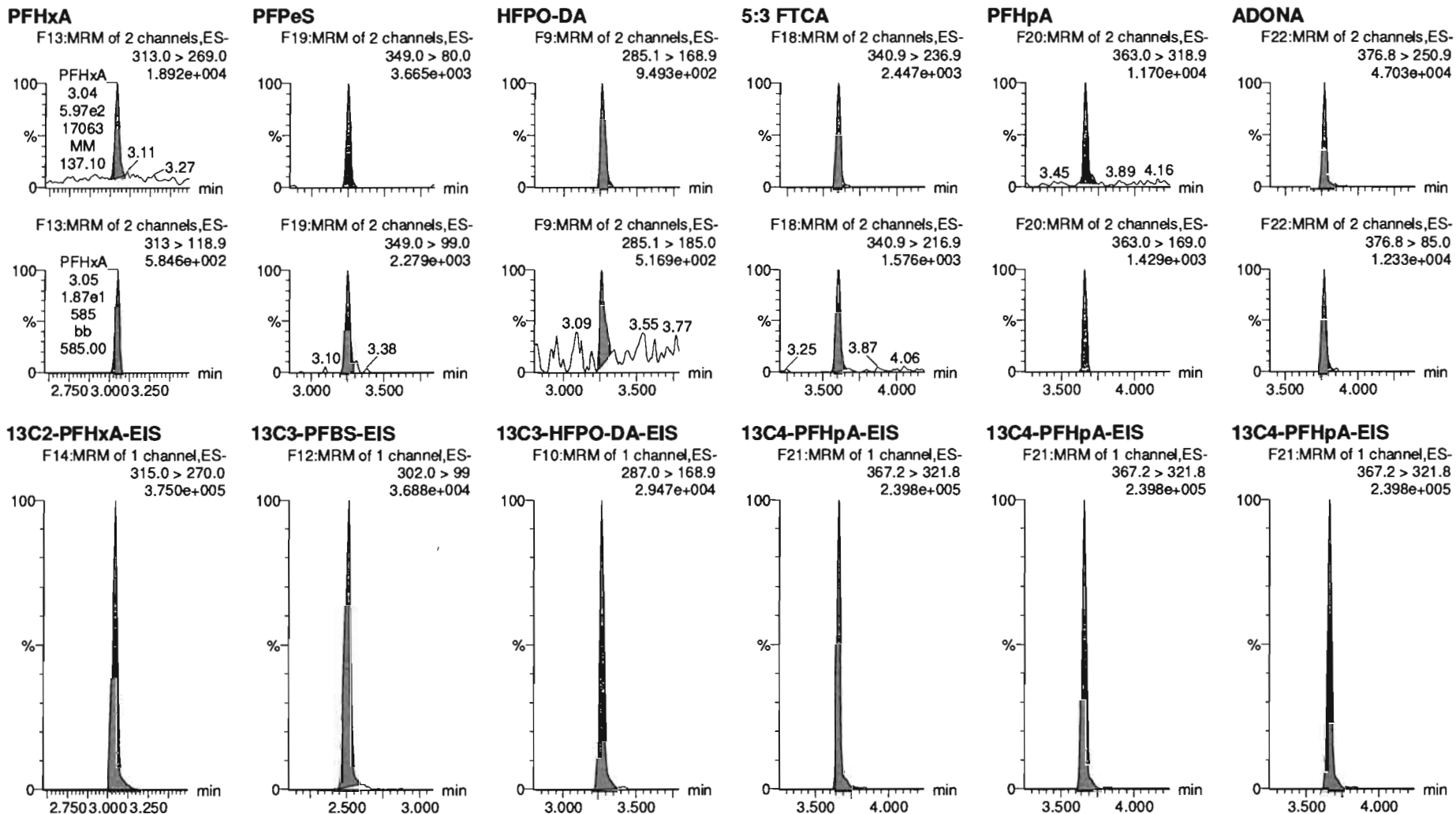


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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

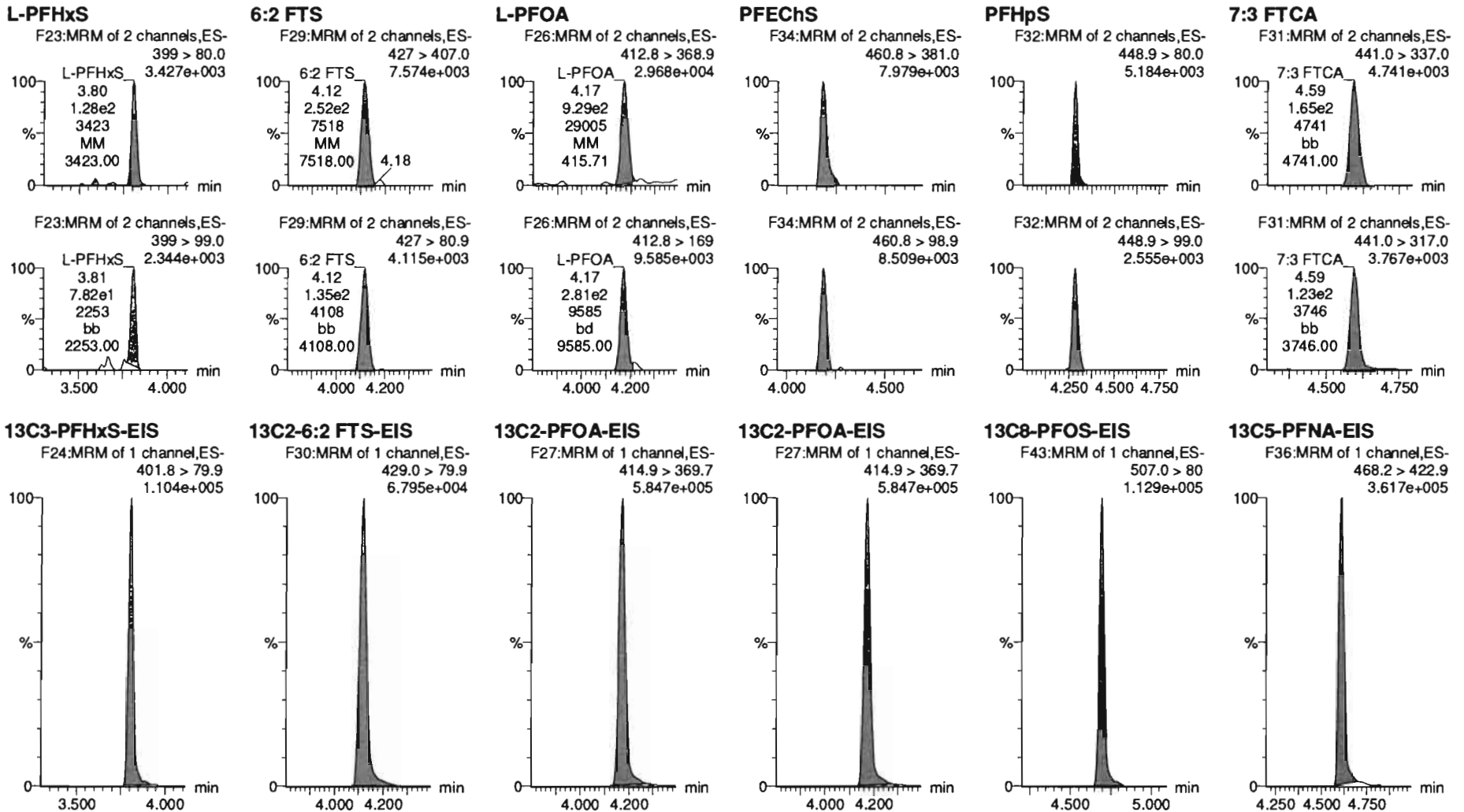
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Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time
Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_4, Date: 16-Jul-2020, Time: 15:48:23, ID: ST200716M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

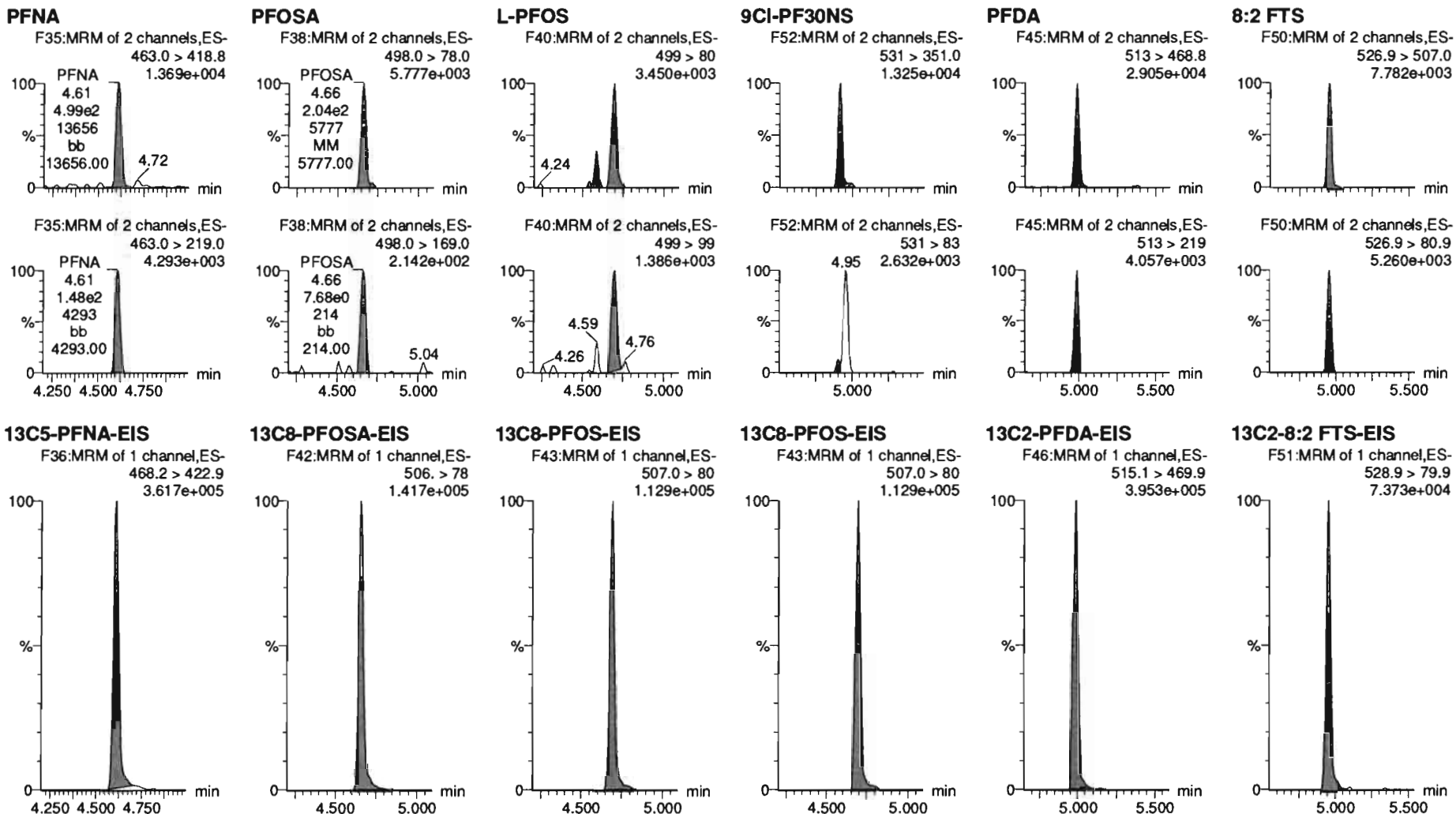


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Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

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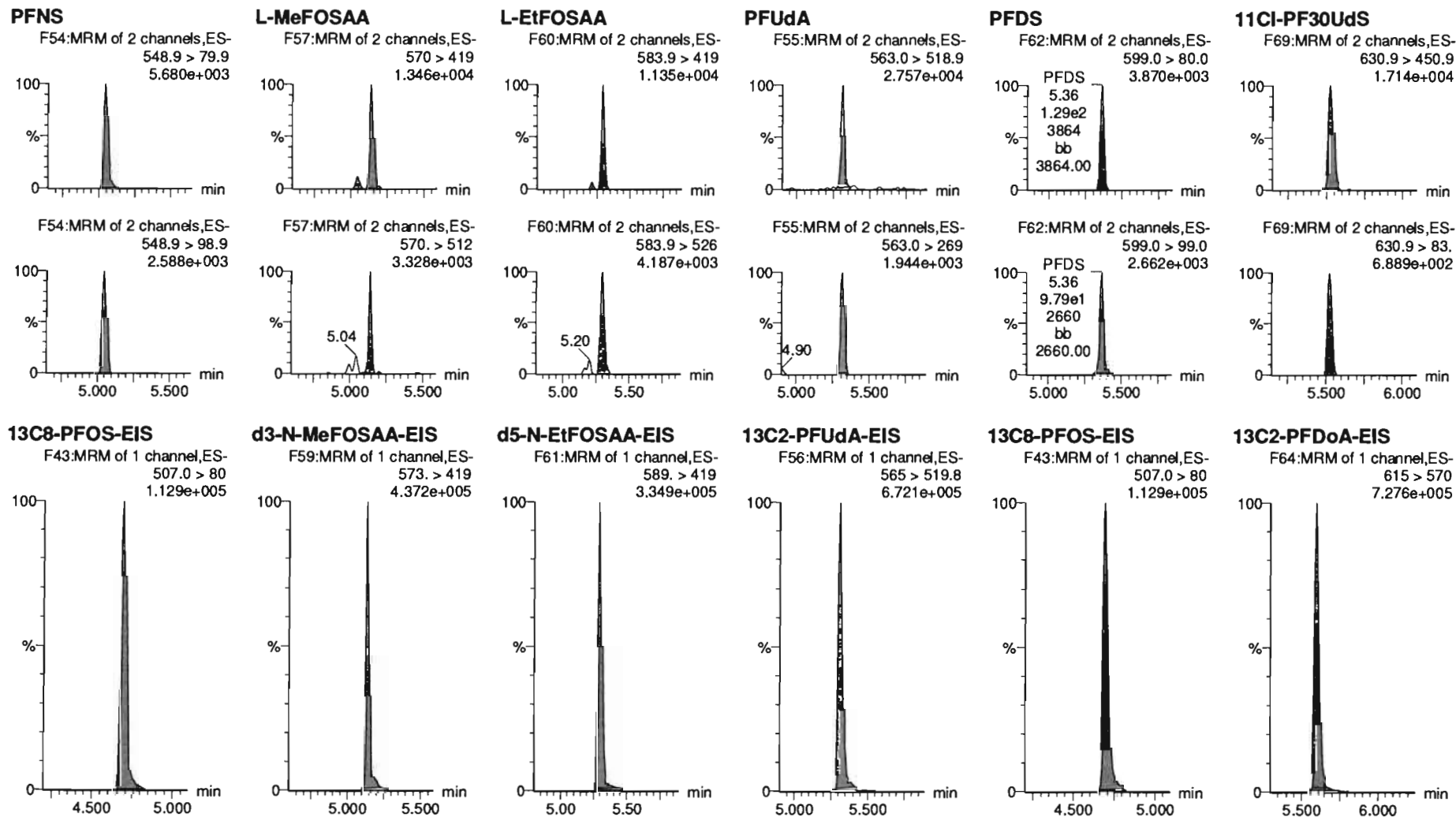


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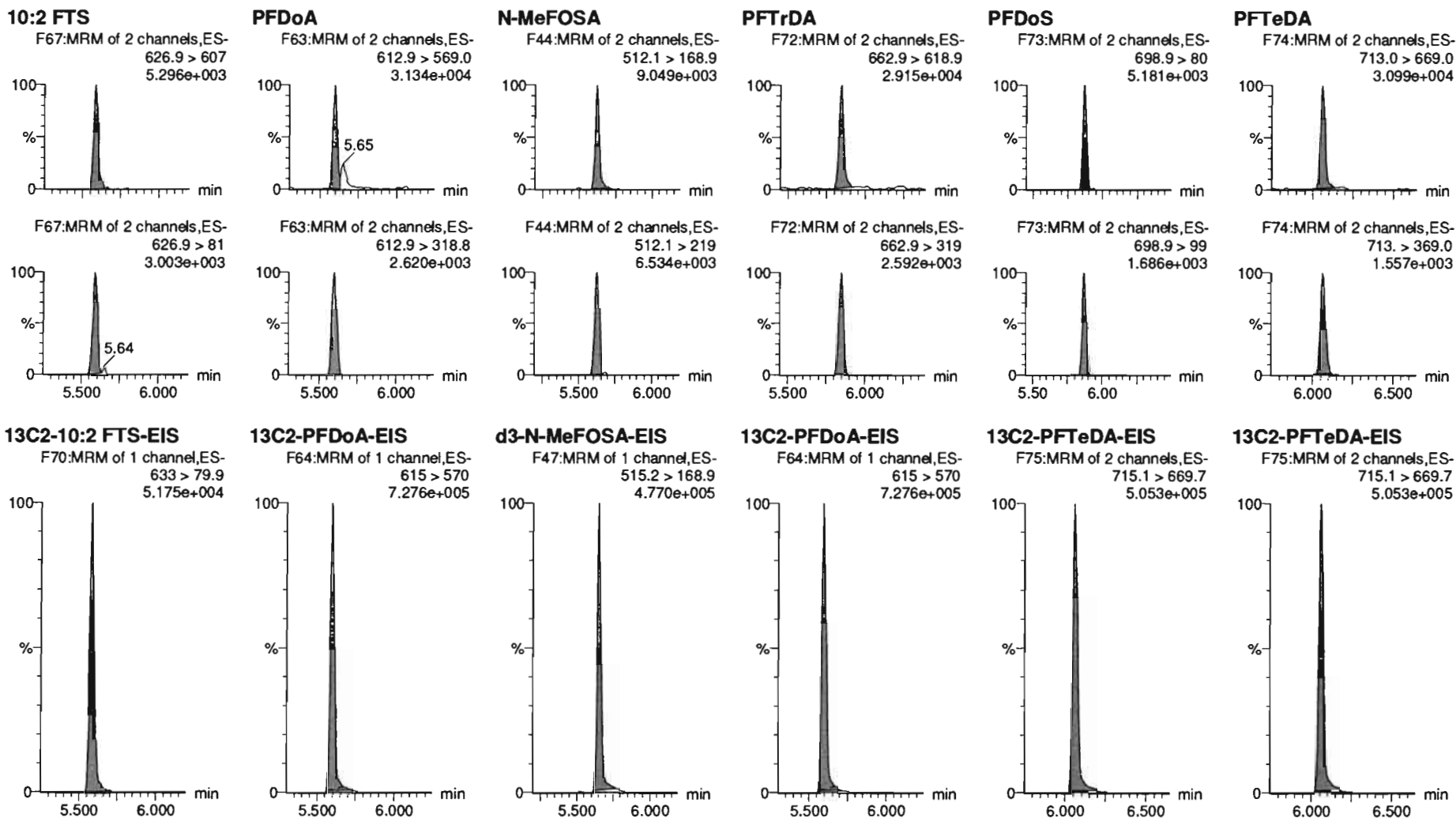


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Name: 200716M1_4, Date: 16-Jul-2020, Time: 15:48:23, ID: ST200716M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

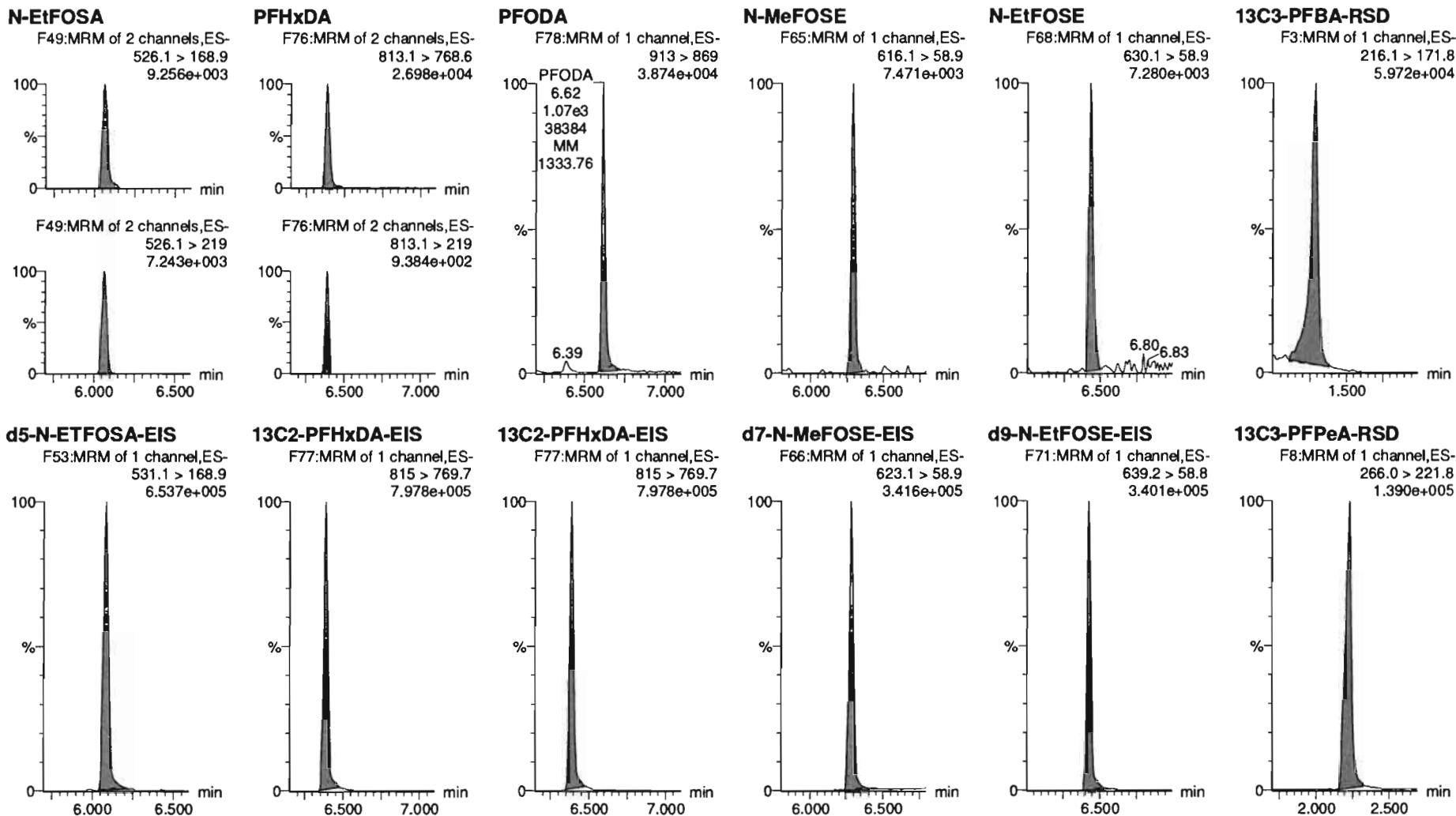


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Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_4, Date: 16-Jul-2020, Time: 15:48:23, ID: ST200716M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

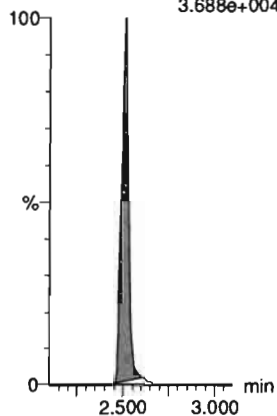
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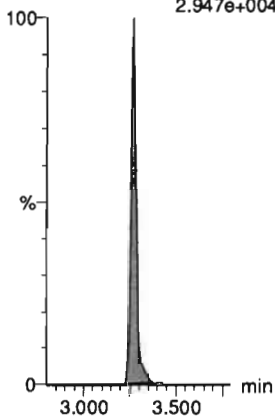
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.688e+004



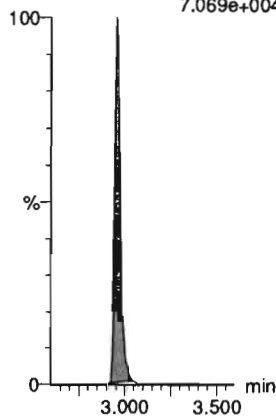
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
2.947e+004



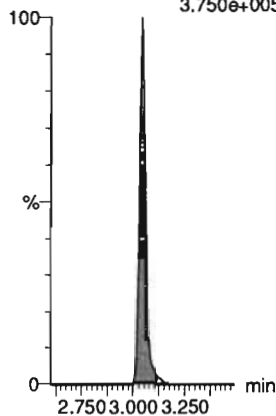
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.069e+004



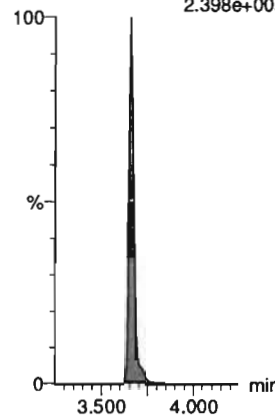
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.750e+005



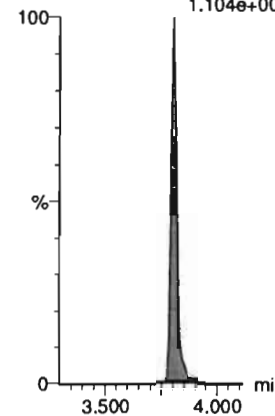
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.398e+005



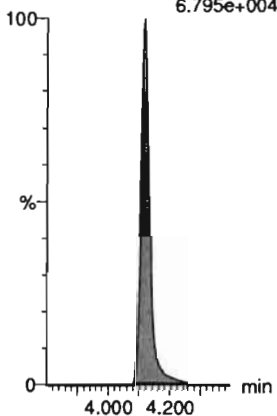
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.104e+005



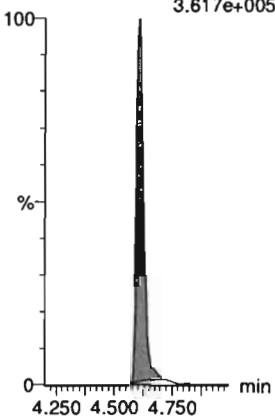
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
6.795e+004



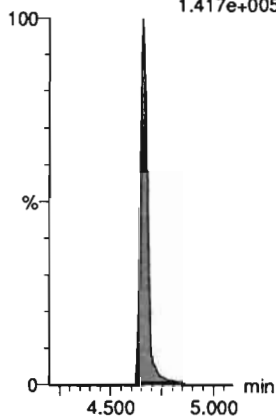
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
3.617e+005



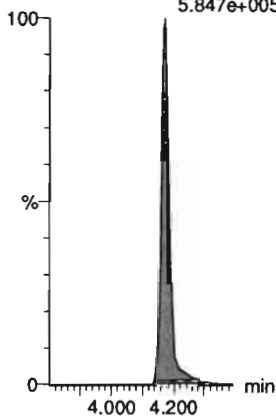
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.417e+005



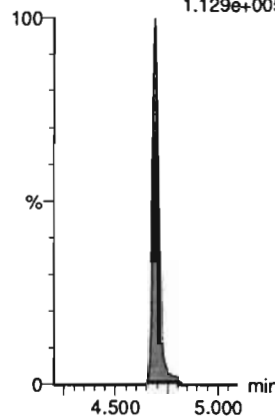
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.847e+005



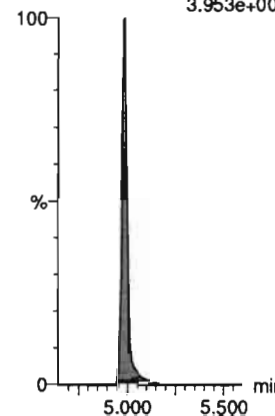
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.129e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
3.953e+005



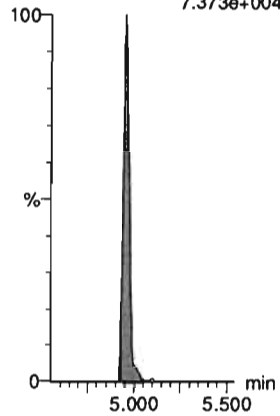
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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_4, Date: 16-Jul-2020, Time: 15:48:23, ID: ST200716M1-2 PFC CS-1 20F1902, Description: PFC CS-1 20F1902

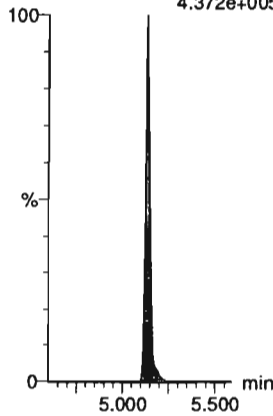
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
7.373e+004



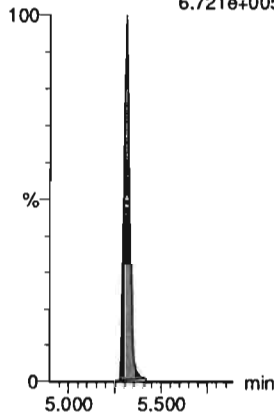
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.372e+005



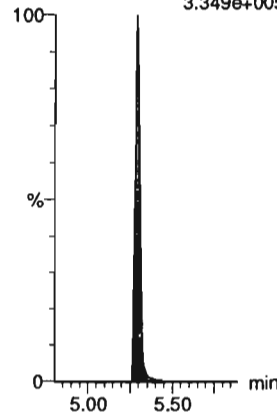
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.721e+005



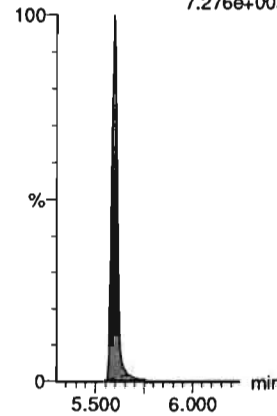
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.349e+005



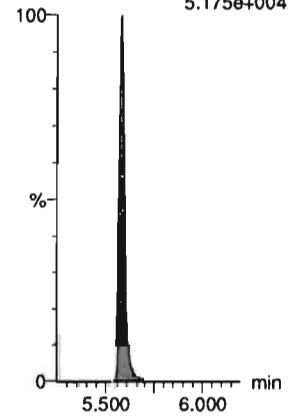
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
7.276e+005



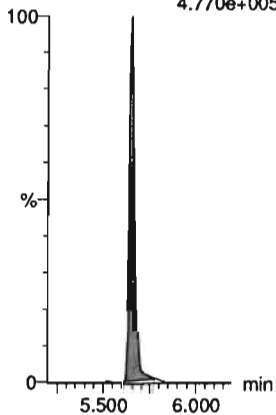
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.175e+004



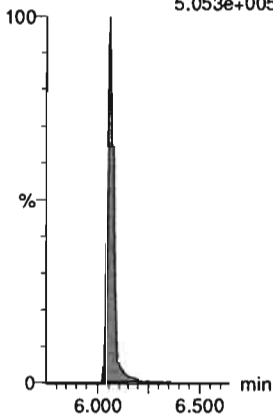
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
4.770e+005



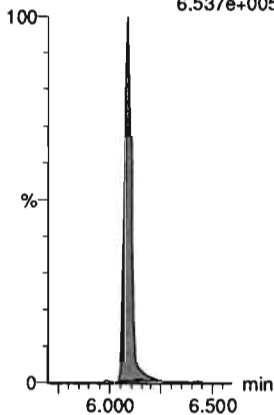
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.053e+005



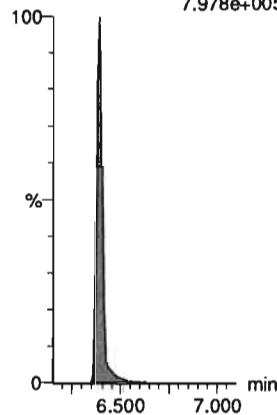
d5-N-ETFOSEA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.537e+005



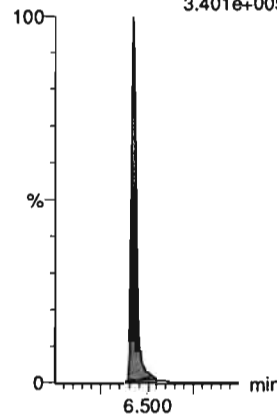
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.978e+005



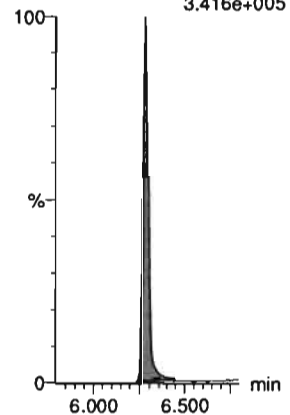
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
3.401e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.416e+005



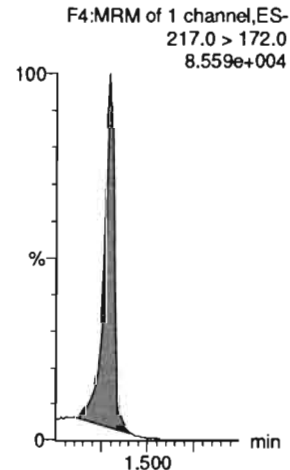
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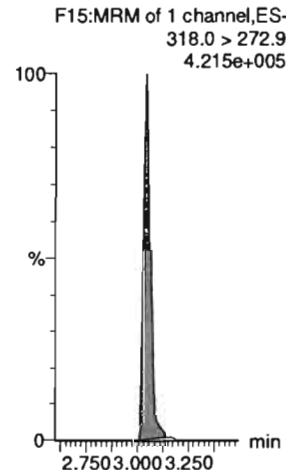
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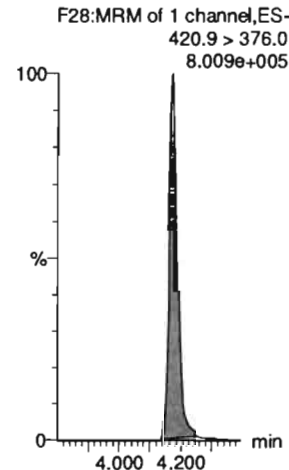
13C4-PFBA



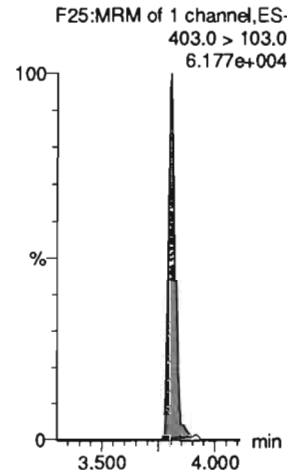
13C5-PFHxA



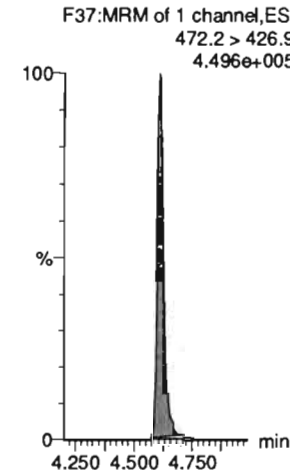
13C8-PFOA



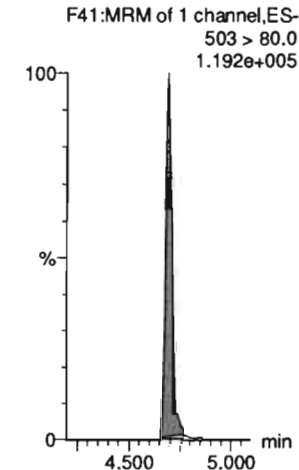
18O2-PFHxS



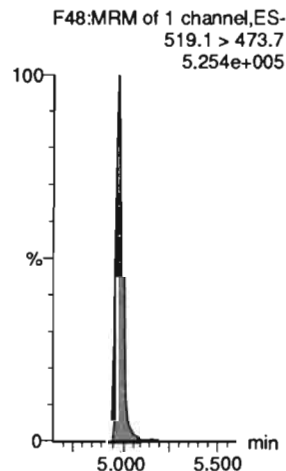
13C9-PFNA



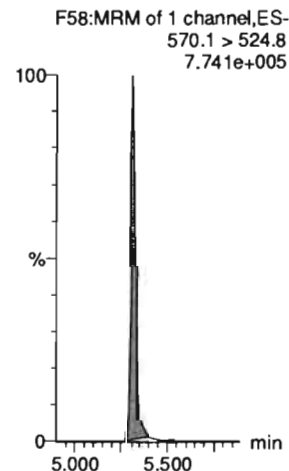
13C4-PFOS



13C6-PFDA



13C7-PFuDA

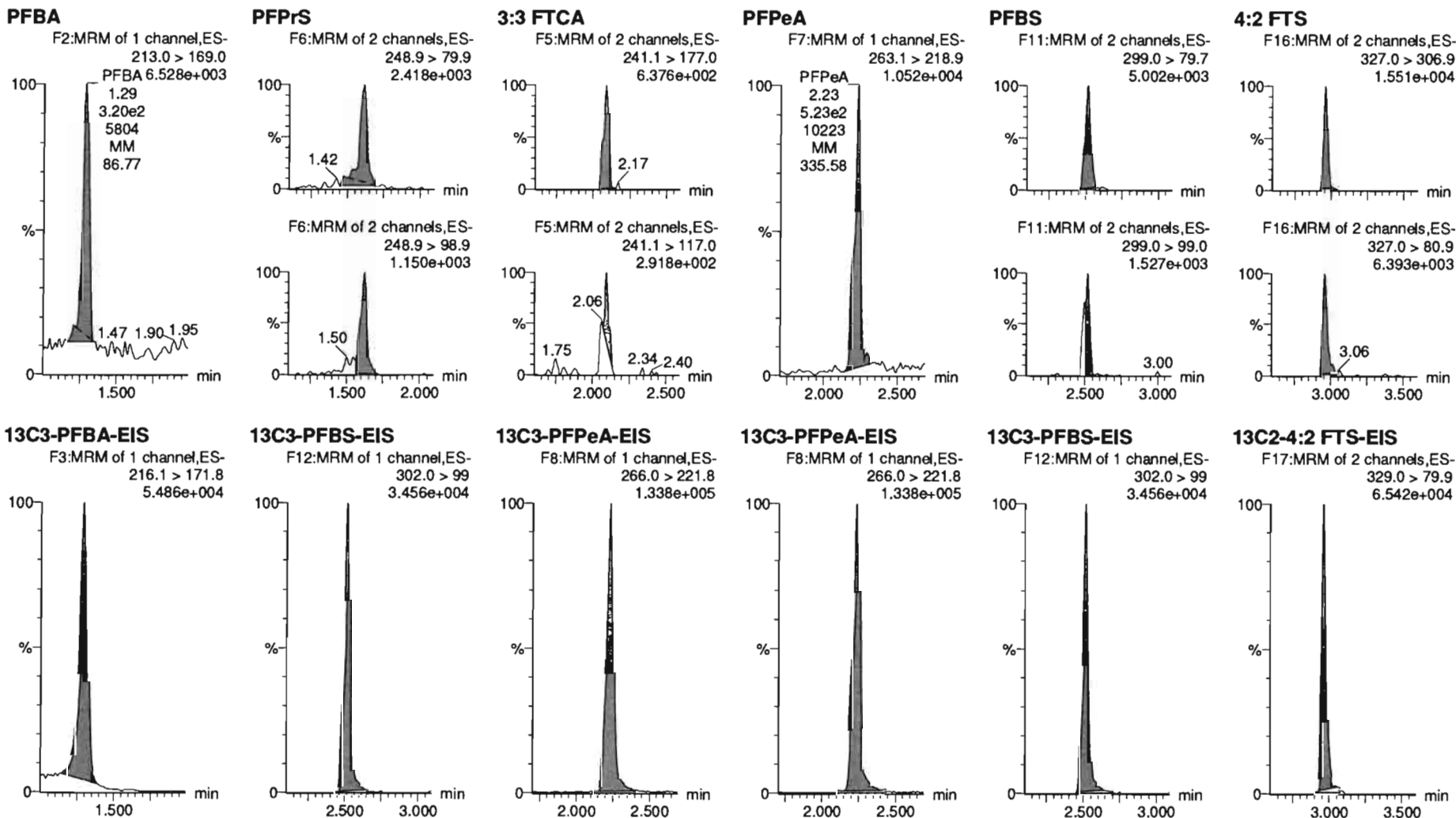


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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_5, Date: 16-Jul-2020, Time: 15:58:48, ID: ST200716M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

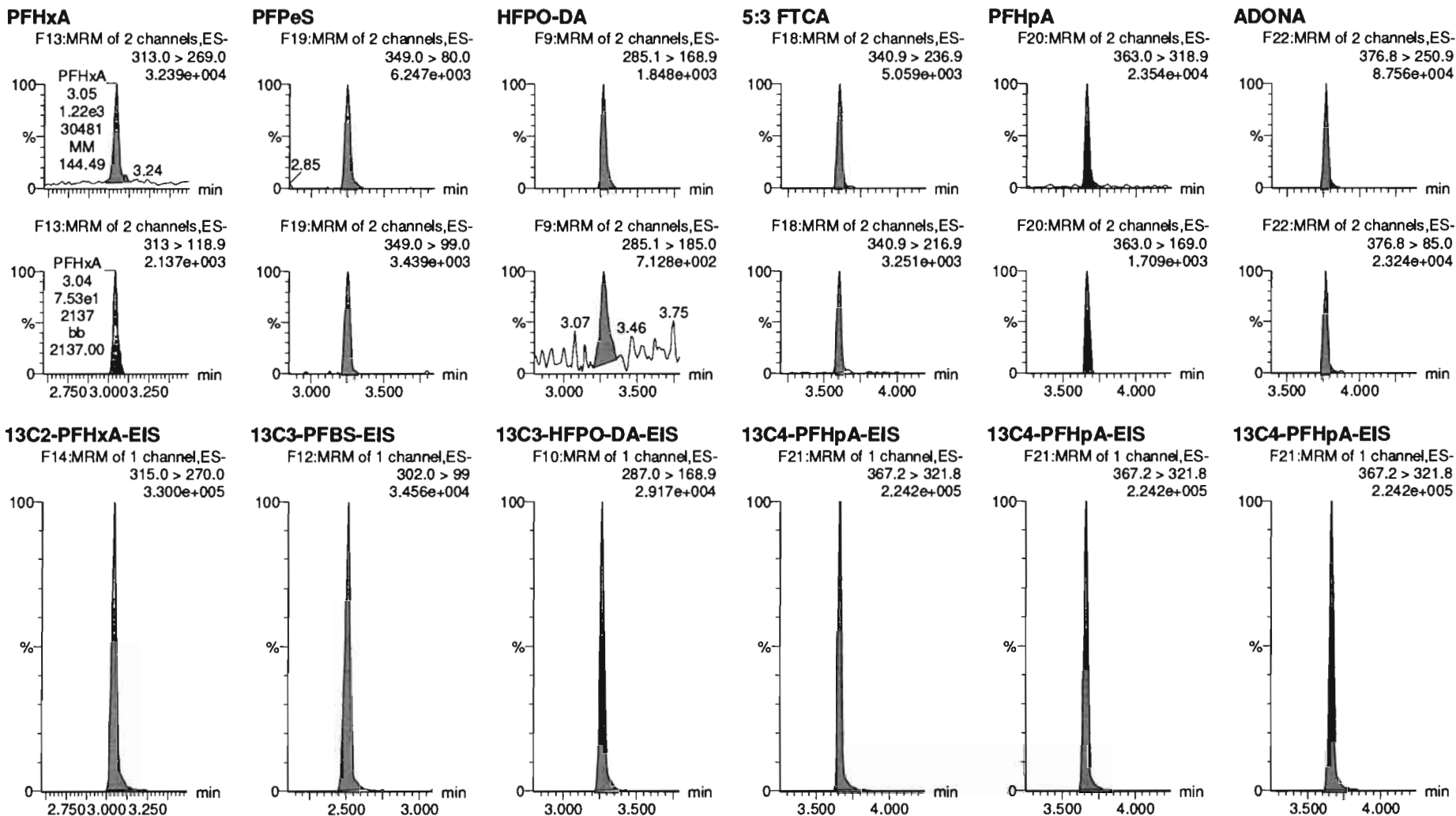


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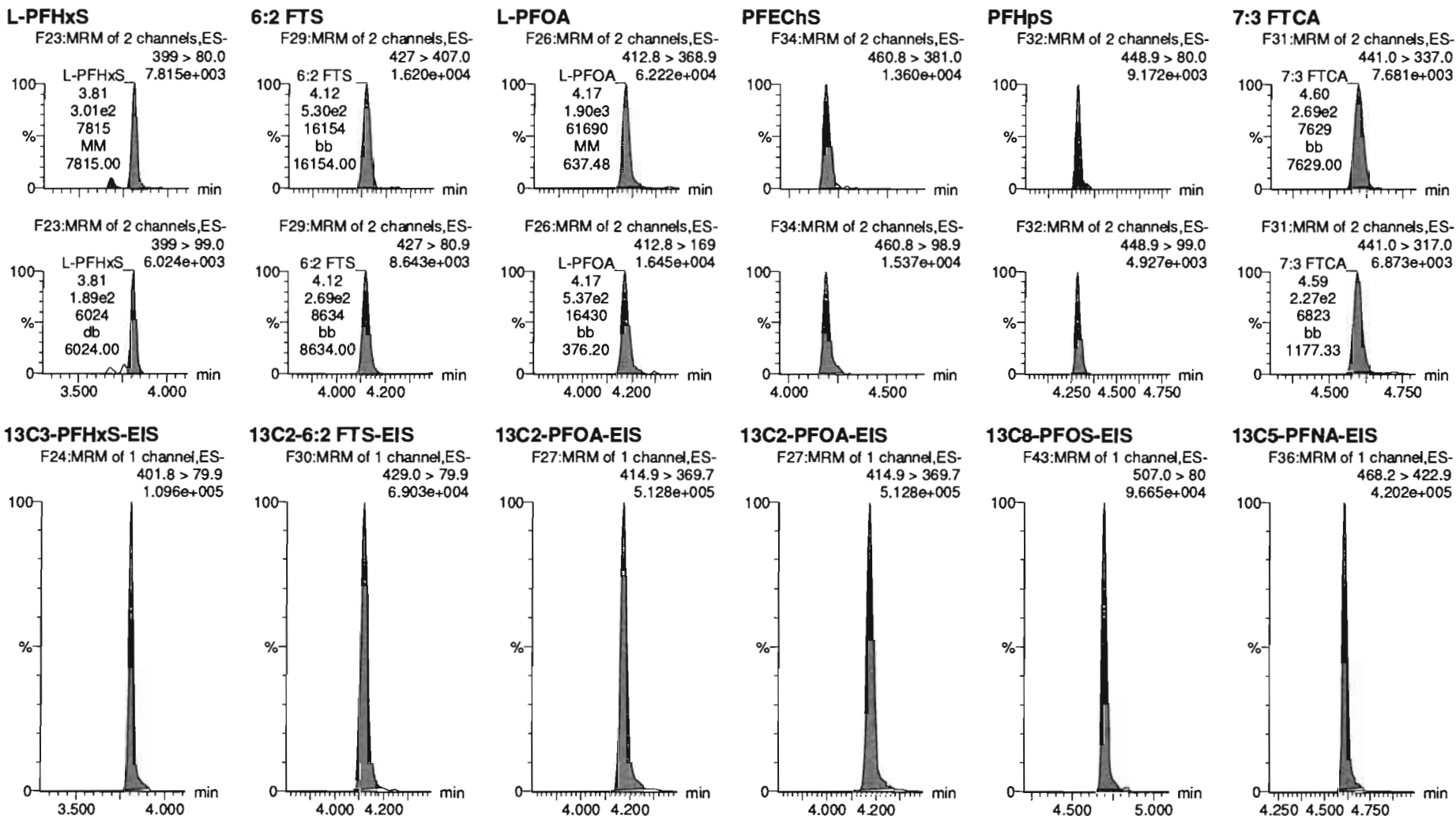


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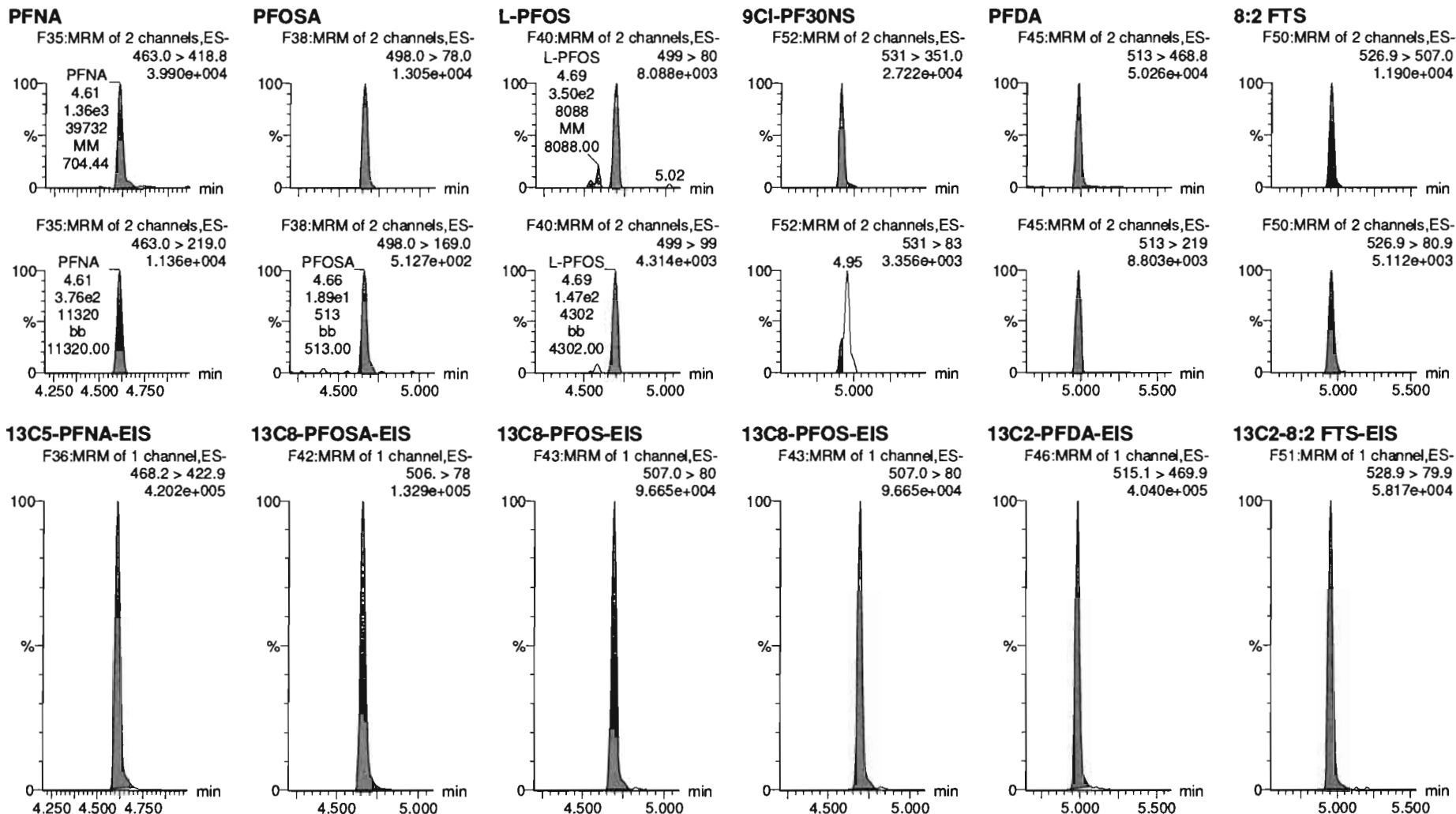


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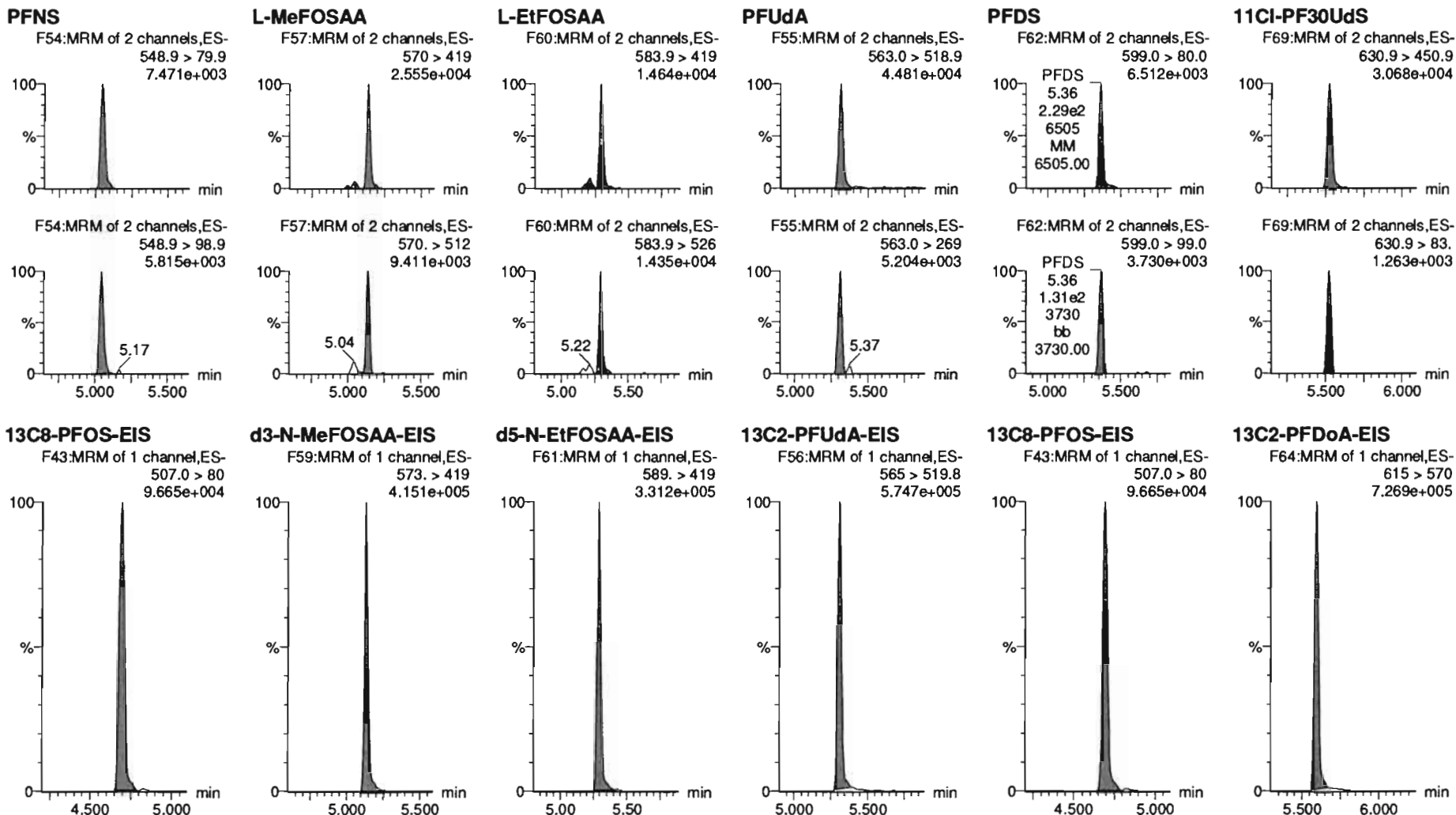


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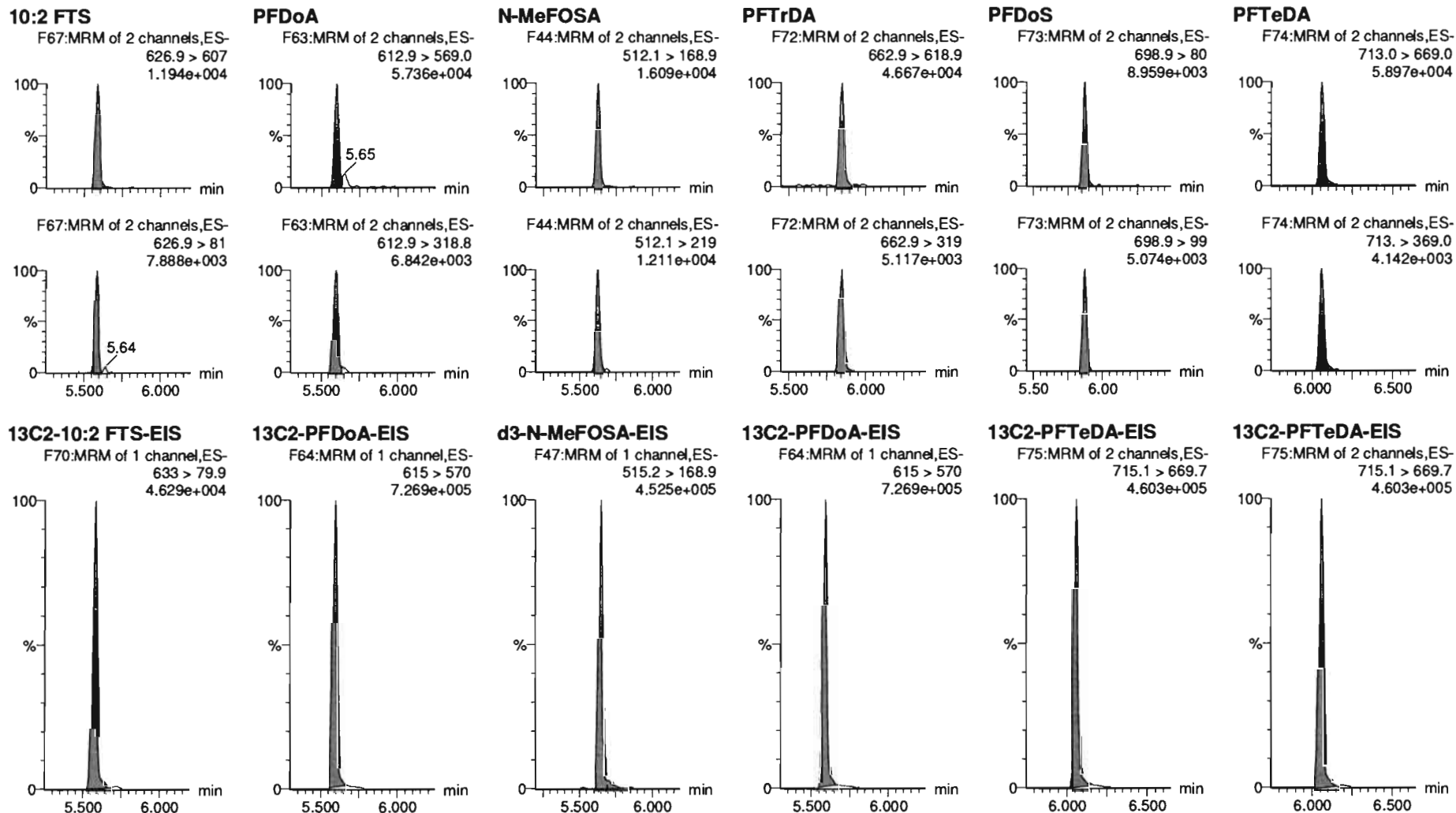


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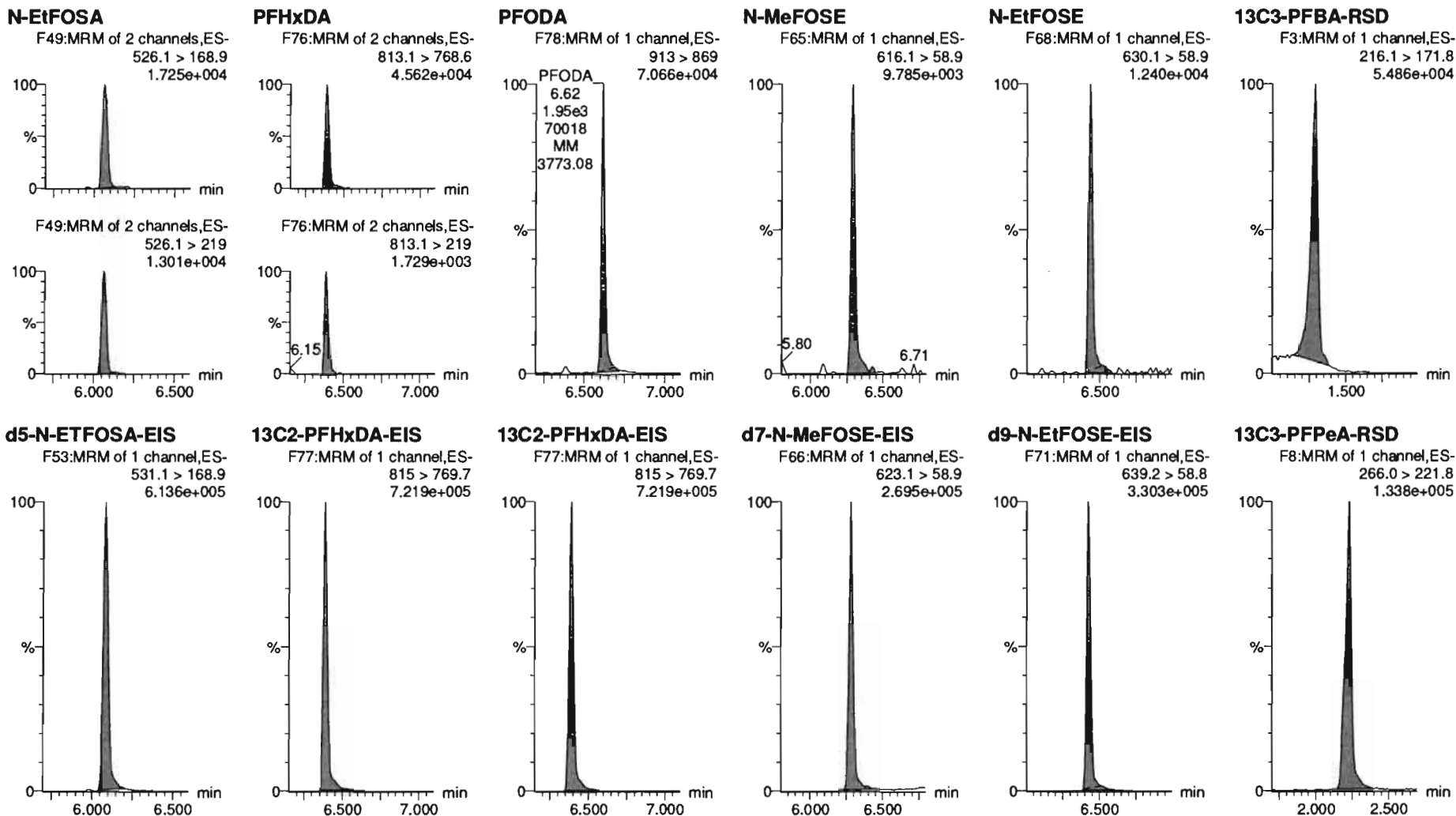


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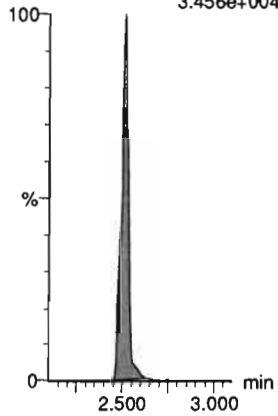
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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

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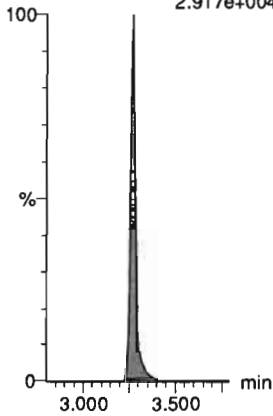
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.456e+004



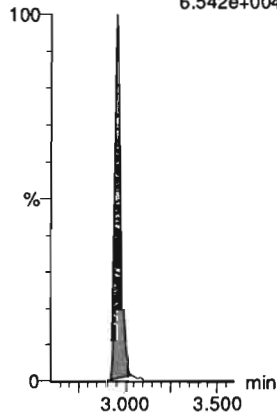
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
2.917e+004



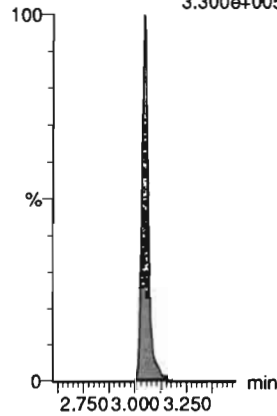
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.542e+004



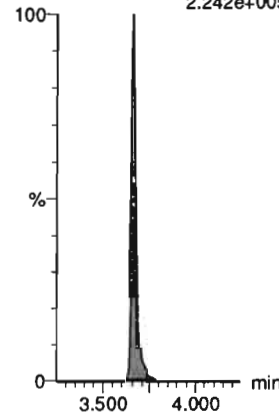
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.300e+005



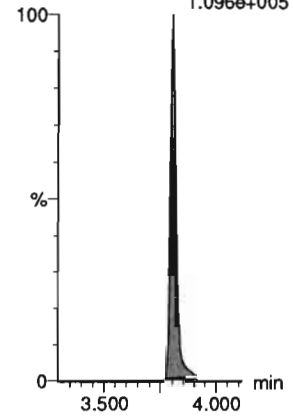
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.242e+005



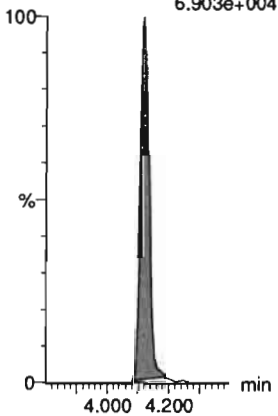
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.096e+005



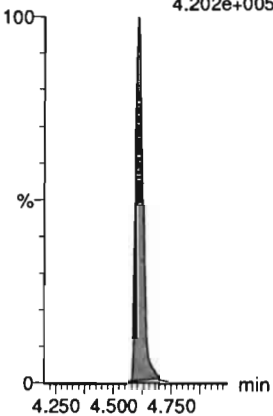
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
6.903e+004



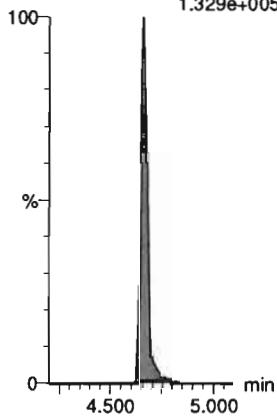
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.202e+005



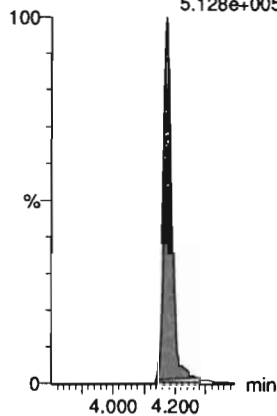
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.329e+005



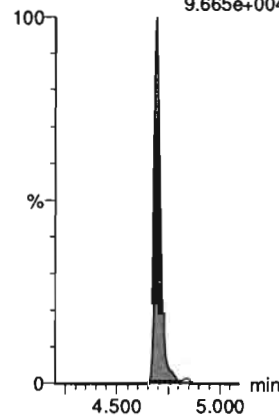
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.128e+005



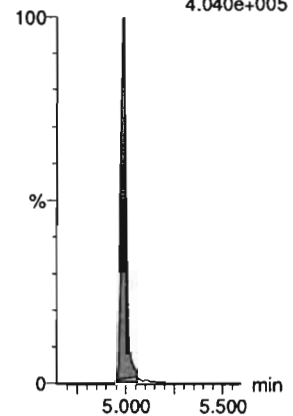
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
9.665e+004



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.040e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

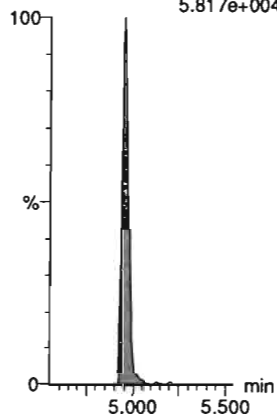
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Name: 200716M1_5, Date: 16-Jul-2020, Time: 15:58:48, ID: ST200716M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

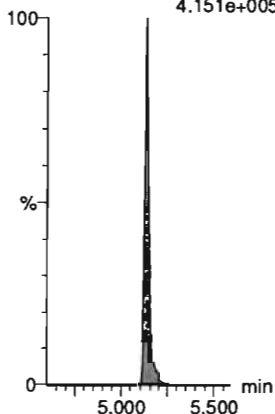
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
5.817e+004



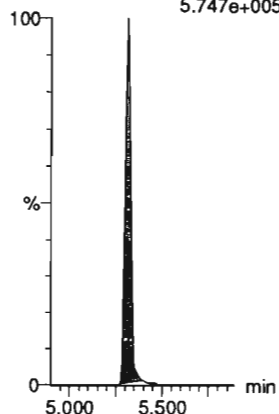
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.151e+005



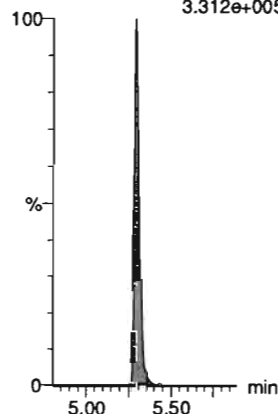
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
5.747e+005



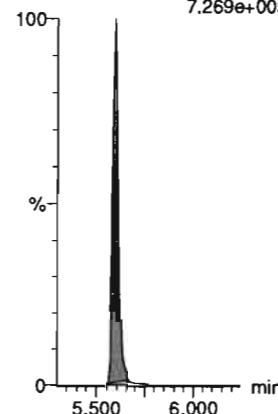
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.312e+005



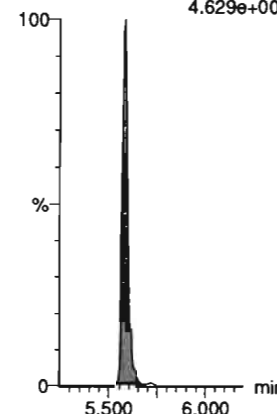
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
7.269e+005



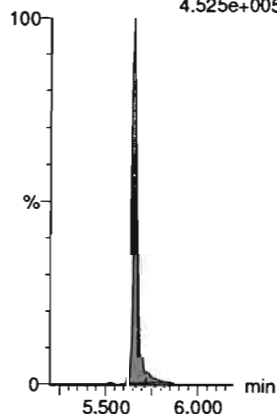
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.629e+004



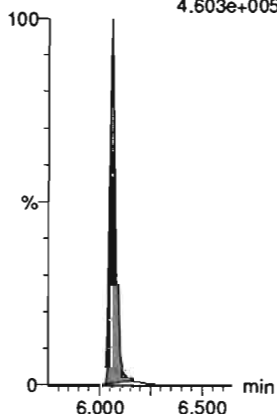
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
4.525e+005



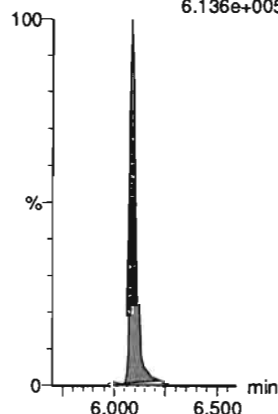
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.603e+005



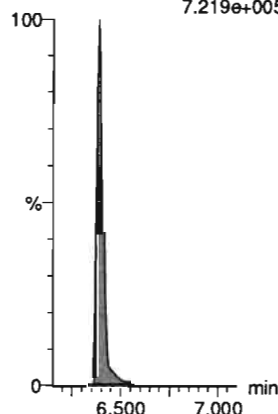
d5-N-ETFOSEA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.136e+005



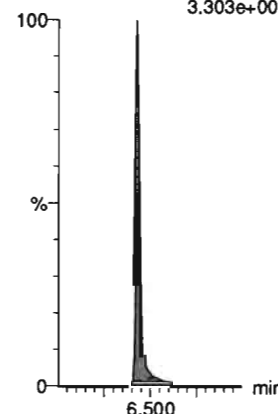
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.219e+005



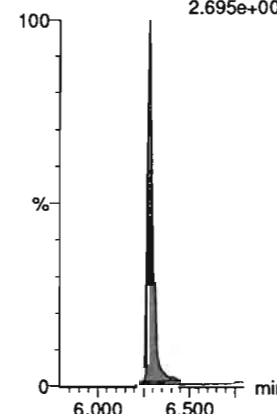
d9-N-EtFOSEA-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
3.303e+005



d7-N-MeFOSEA-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
2.695e+005

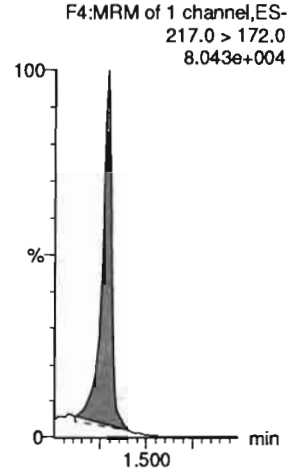


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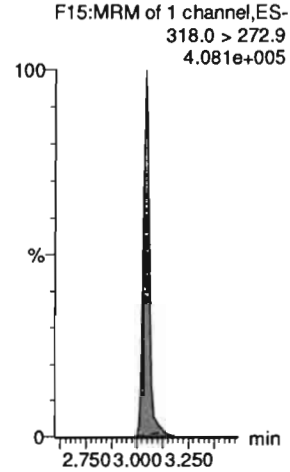
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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_5, Date: 16-Jul-2020, Time: 15:58:48, ID: ST200716M1-3 PFC CS0 20F1903, Description: PFC CS0 20F1903

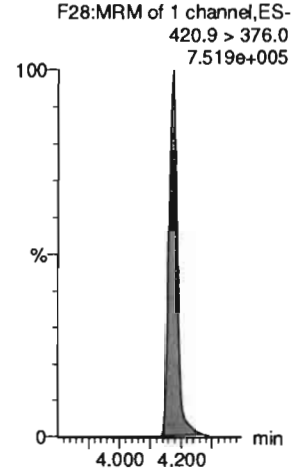
13C4-PFBA



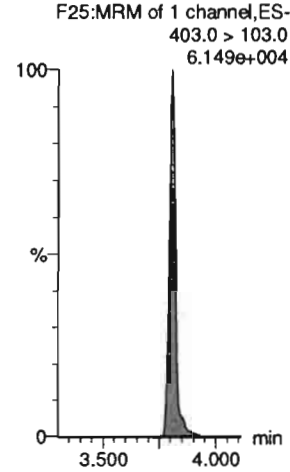
13C5-PFHxA



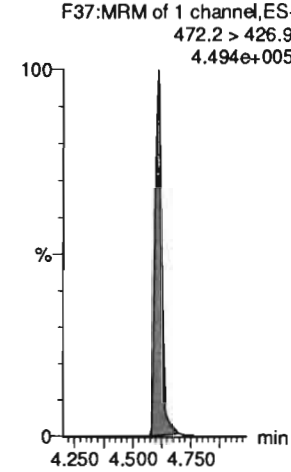
13C8-PFOA



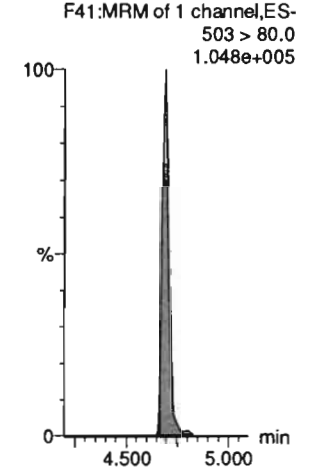
18O2-PFHxS



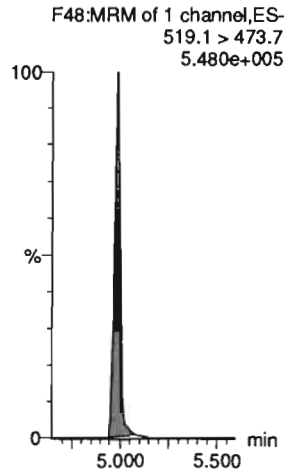
13C9-PFNA



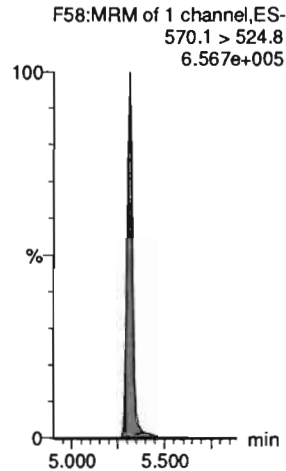
13C4-PFOS



13C6-PFDA



13C7-PFUDa

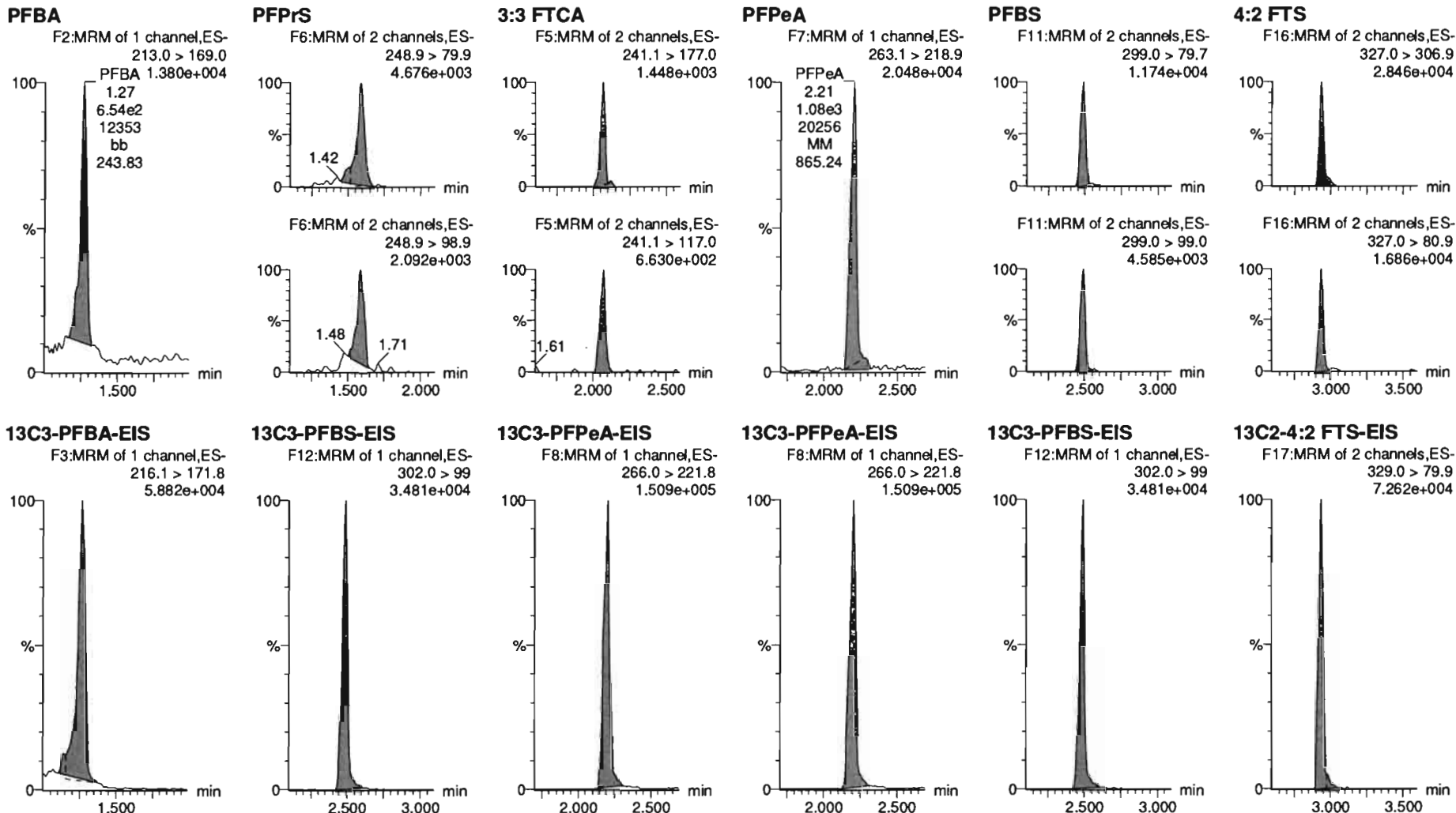


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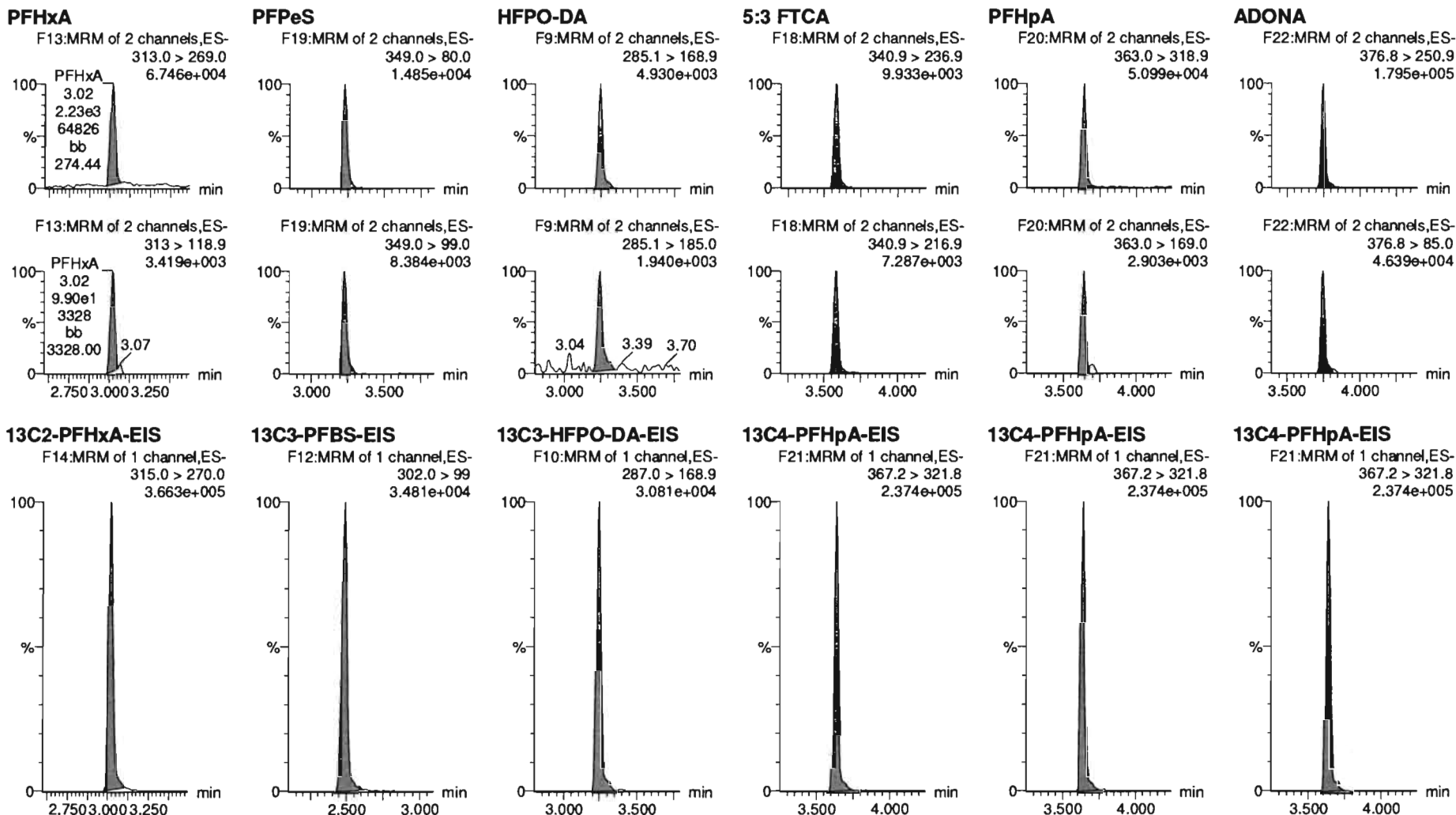


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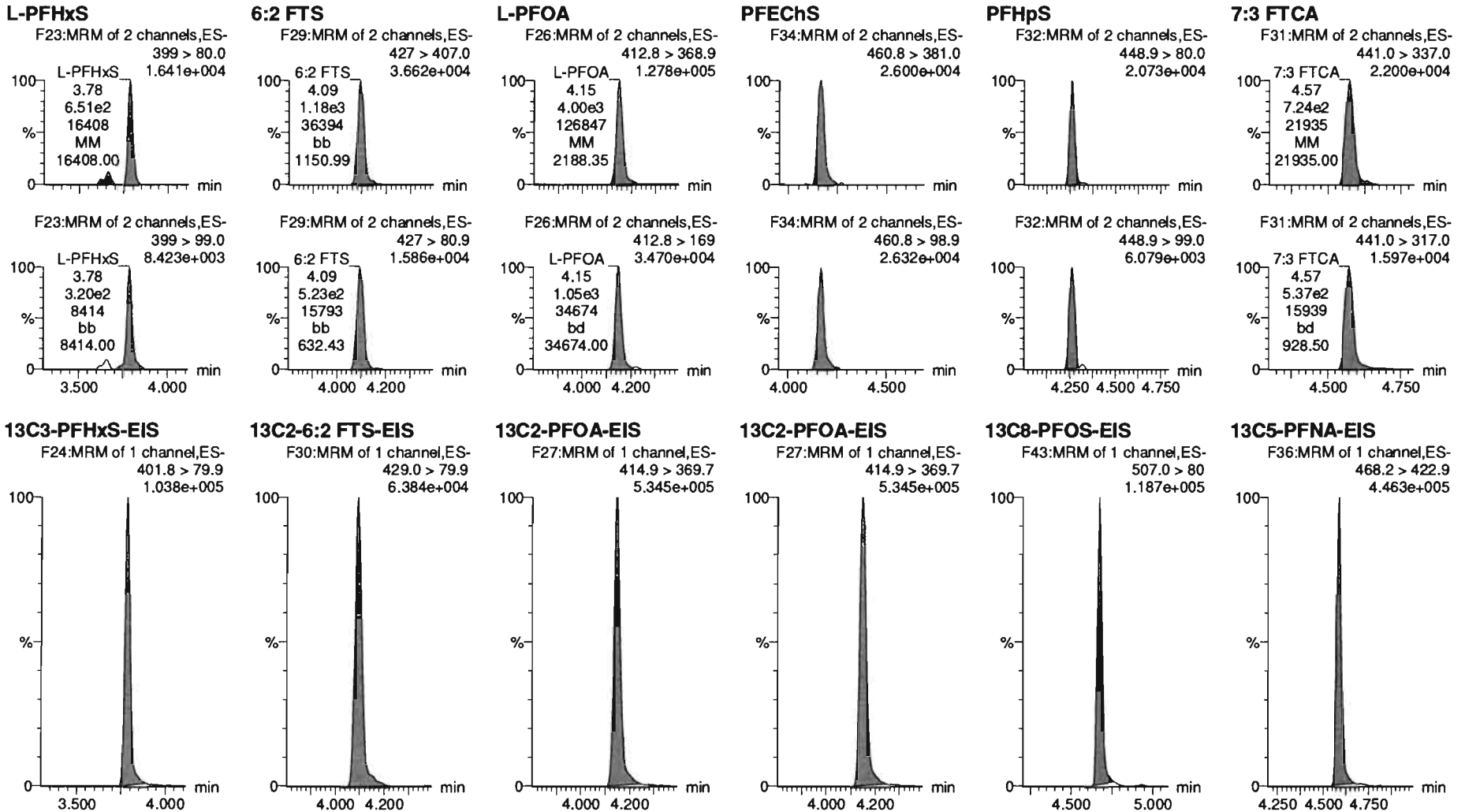
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Name: 200716M1_6, Date: 16-Jul-2020, Time: 16:09:12, ID: ST200716M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

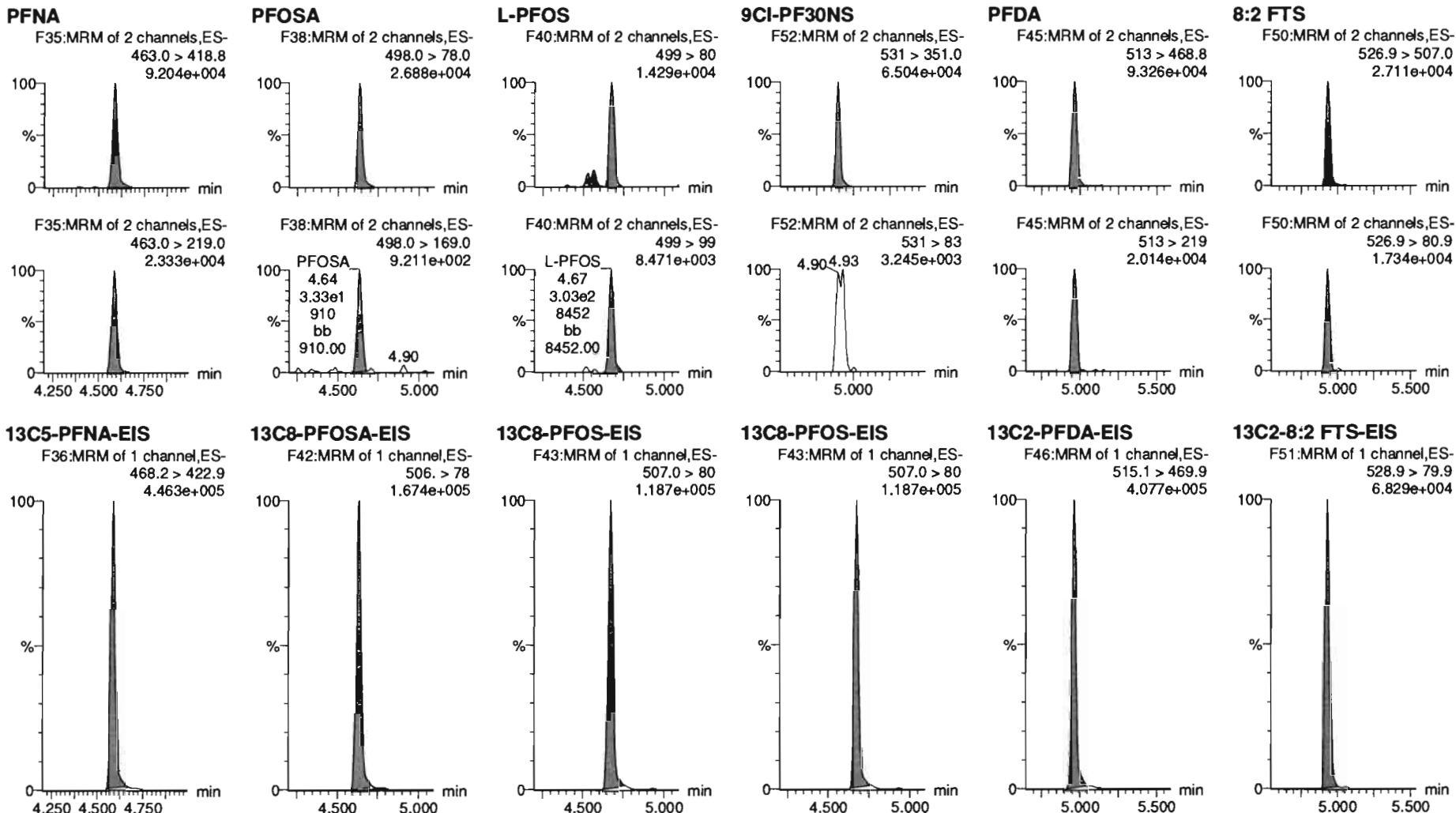


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

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Name: 200716M1_6, Date: 16-Jul-2020, Time: 16:09:12, ID: ST200716M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904



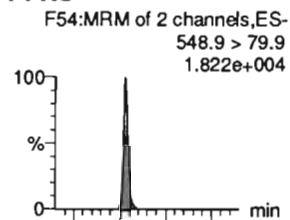
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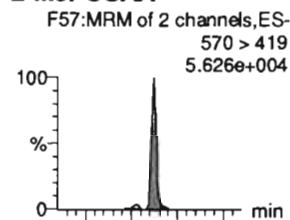
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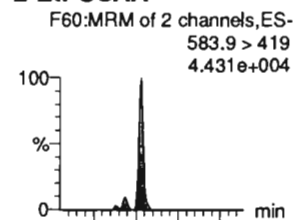
PFNS



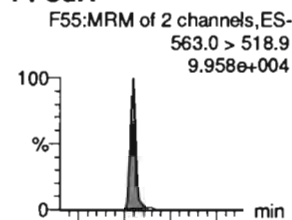
L-MeFOSAA



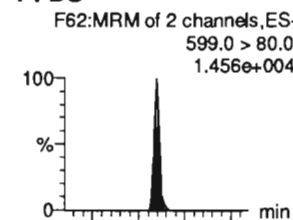
L-EtFOSAA



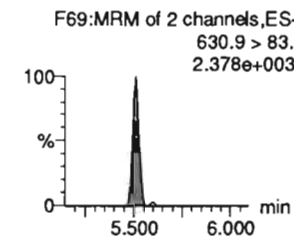
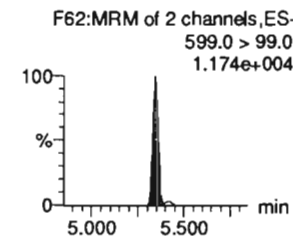
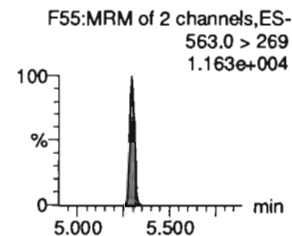
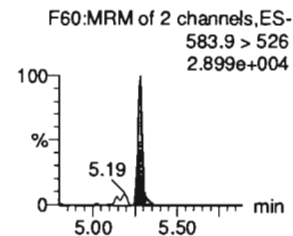
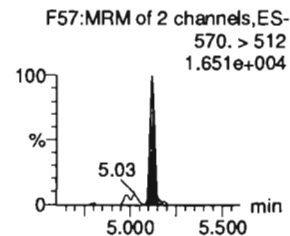
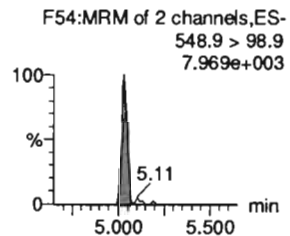
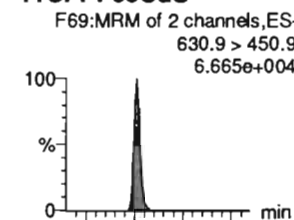
PFUdA



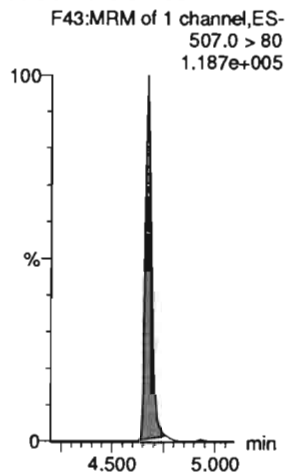
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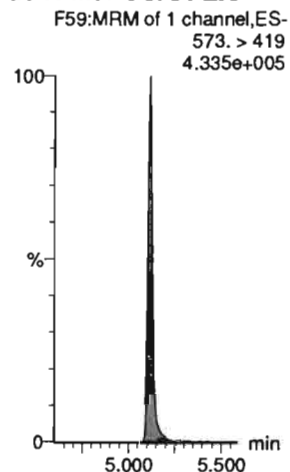
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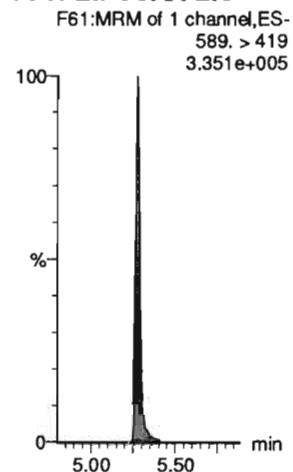
13C8-PFOS-EIS



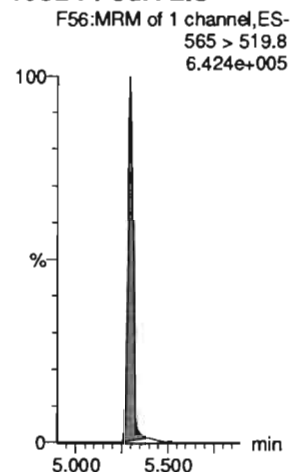
d3-N-MeFOSAA-EIS



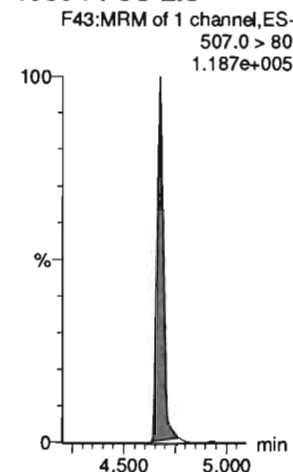
d5-N-EtFOSAA-EIS



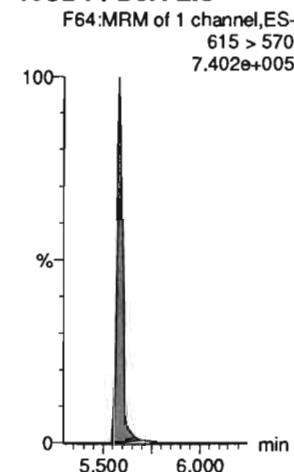
13C2-PFUdA-EIS



13C8-PFOS-EIS



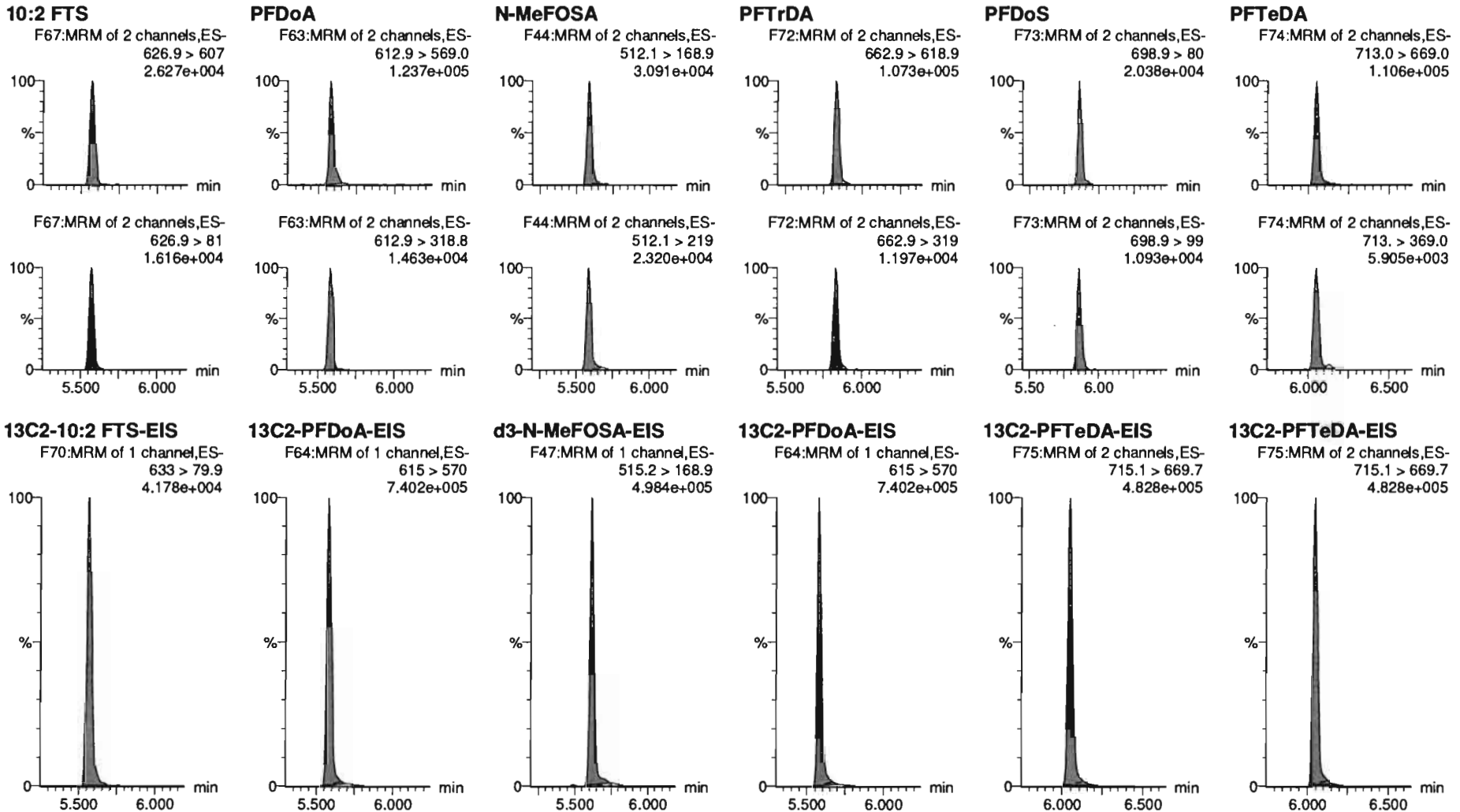
13C2-PFDoA-EIS



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Name: 200716M1_6, Date: 16-Jul-2020, Time: 16:09:12, ID: ST200716M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

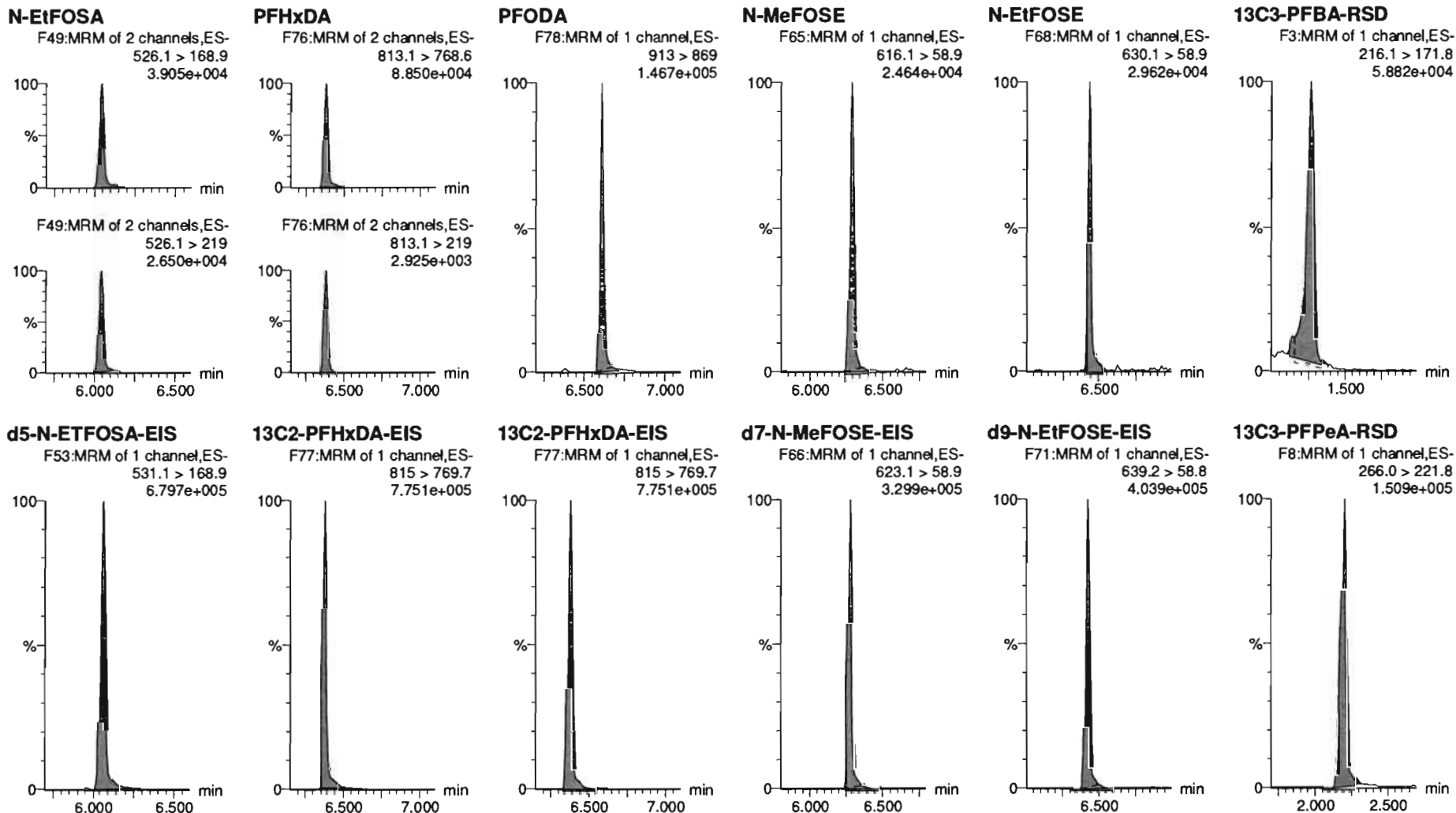


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Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

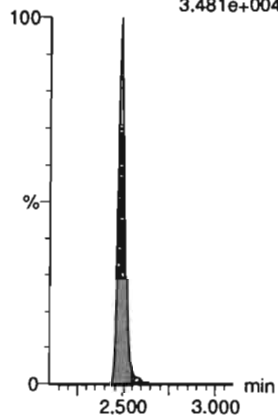
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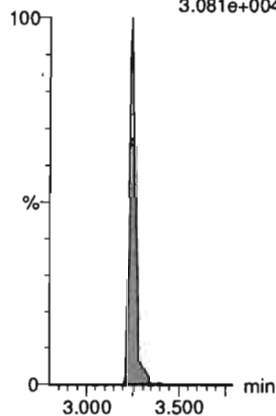
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.481e+004



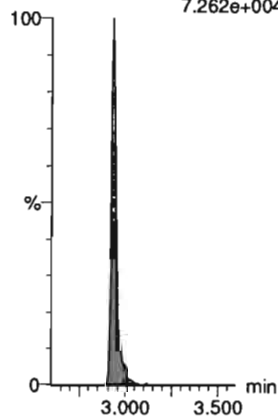
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.081e+004



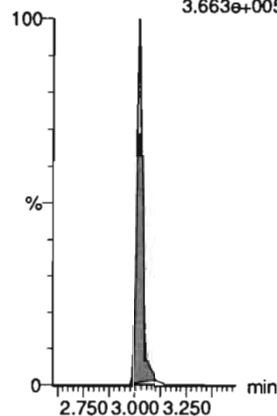
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.262e+004



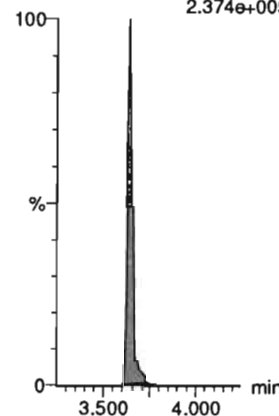
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.663e+005



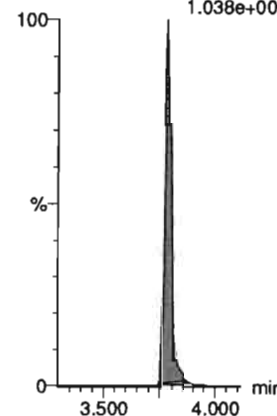
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.374e+005



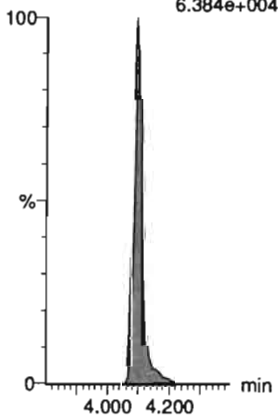
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.038e+005



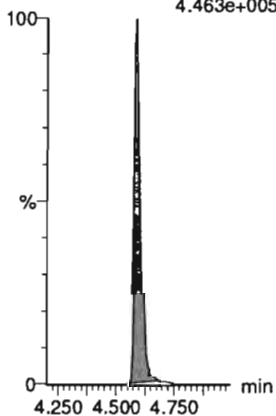
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
6.384e+004



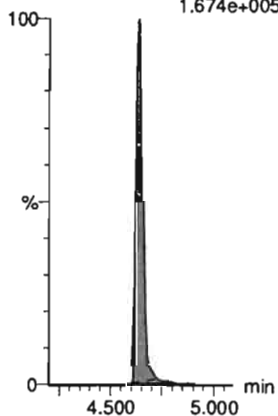
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.463e+005



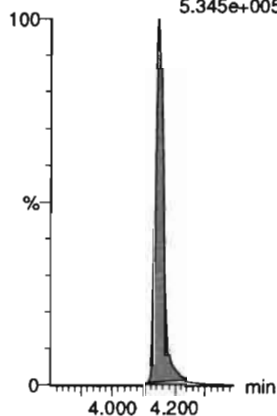
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.674e+005



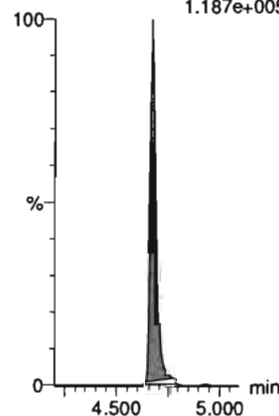
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.345e+005



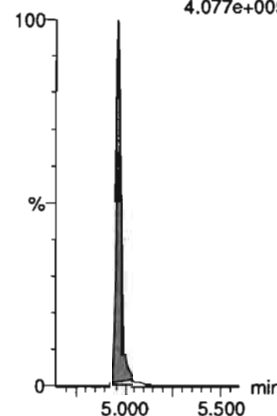
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.187e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.077e+005



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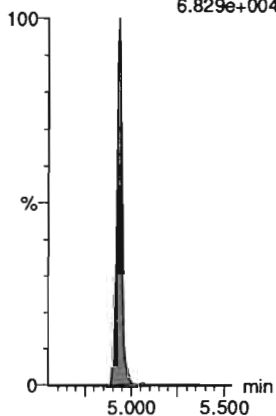
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Name: 200716M1_6, Date: 16-Jul-2020, Time: 16:09:12, ID: ST200716M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

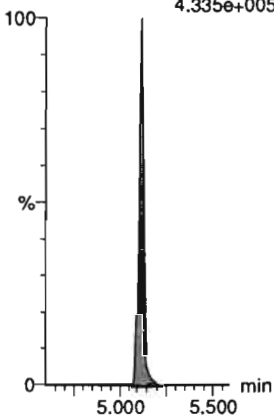
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.829e+004



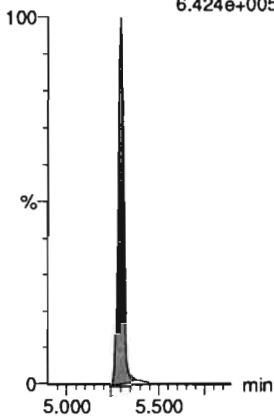
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.335e+005



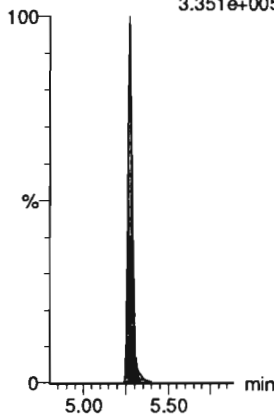
13C2-PFUdA-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.424e+005



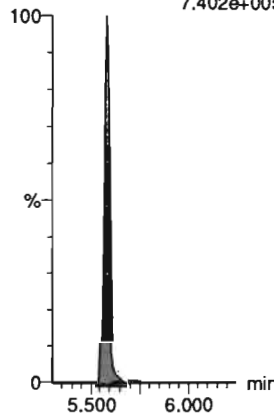
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.351e+005



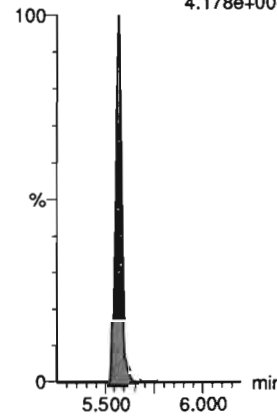
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
7.402e+005



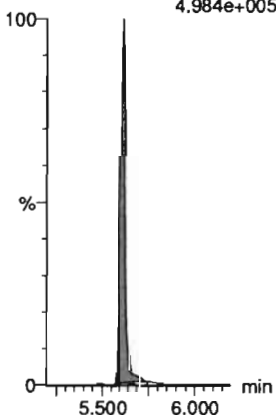
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.178e+004



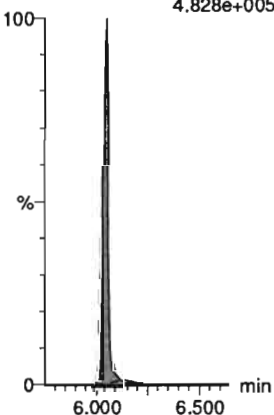
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
4.984e+005



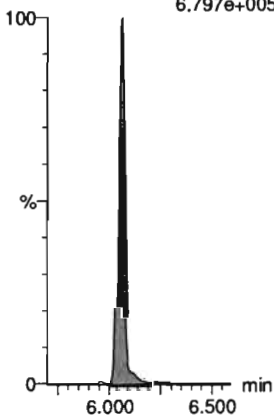
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.828e+005



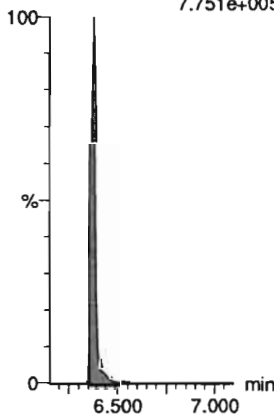
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.797e+005



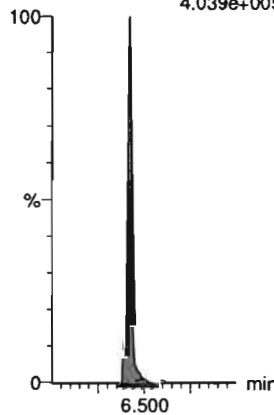
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.751e+005



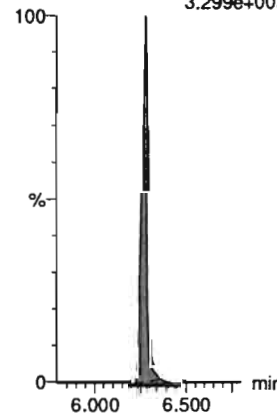
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.039e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.299e+005



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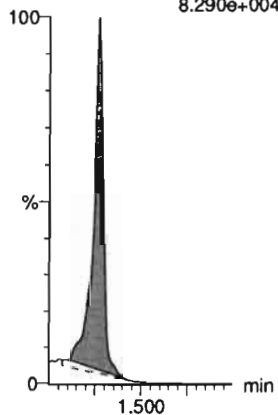
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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_6, Date: 16-Jul-2020, Time: 16:09:12, ID: ST200716M1-4 PFC CS1 20F1904, Description: PFC CS1 20F1904

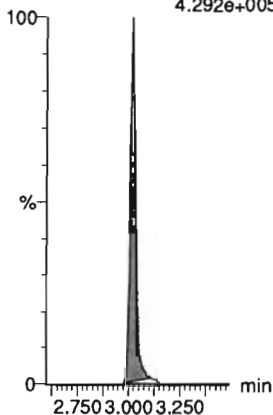
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
8.290e+004



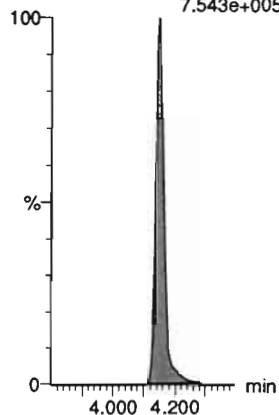
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.292e+005



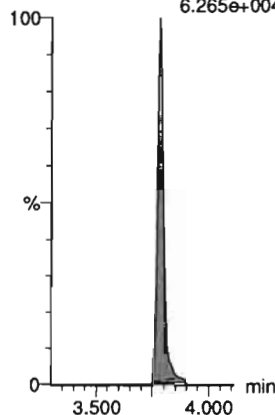
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.543e+005



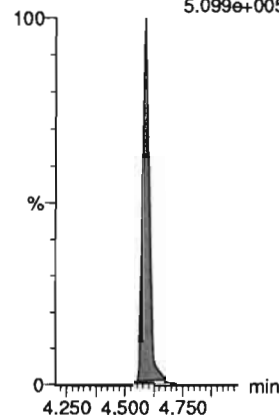
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
6.265e+004



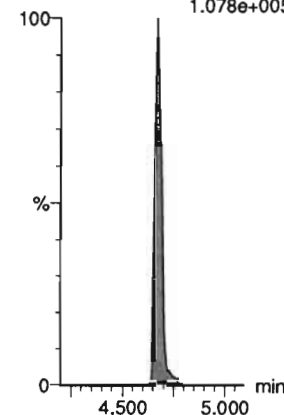
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
5.099e+005



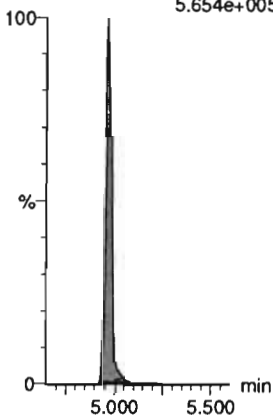
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.078e+005



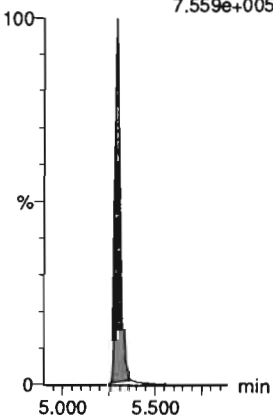
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.654e+005



13C7-PFUDa

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.559e+005

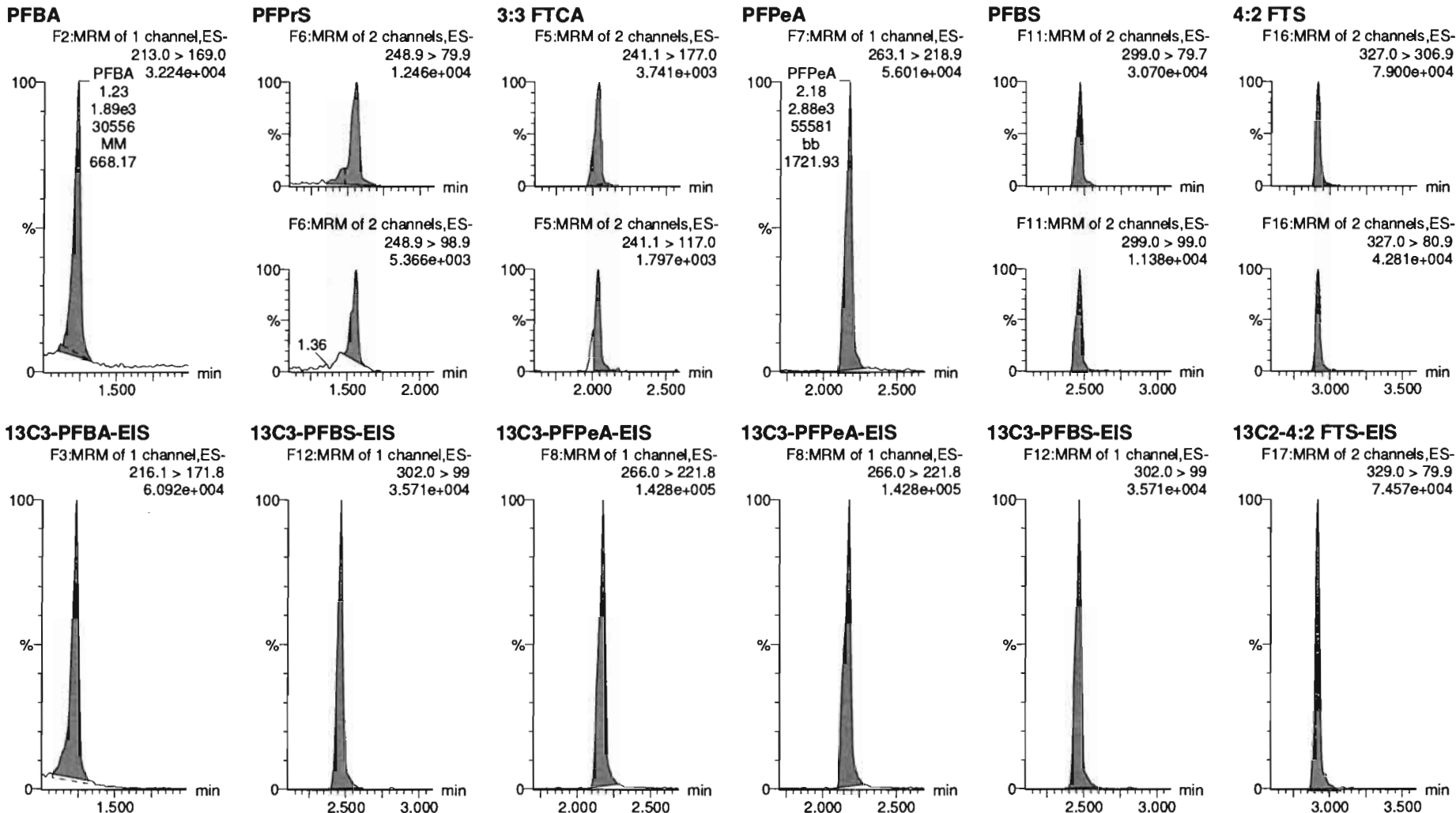


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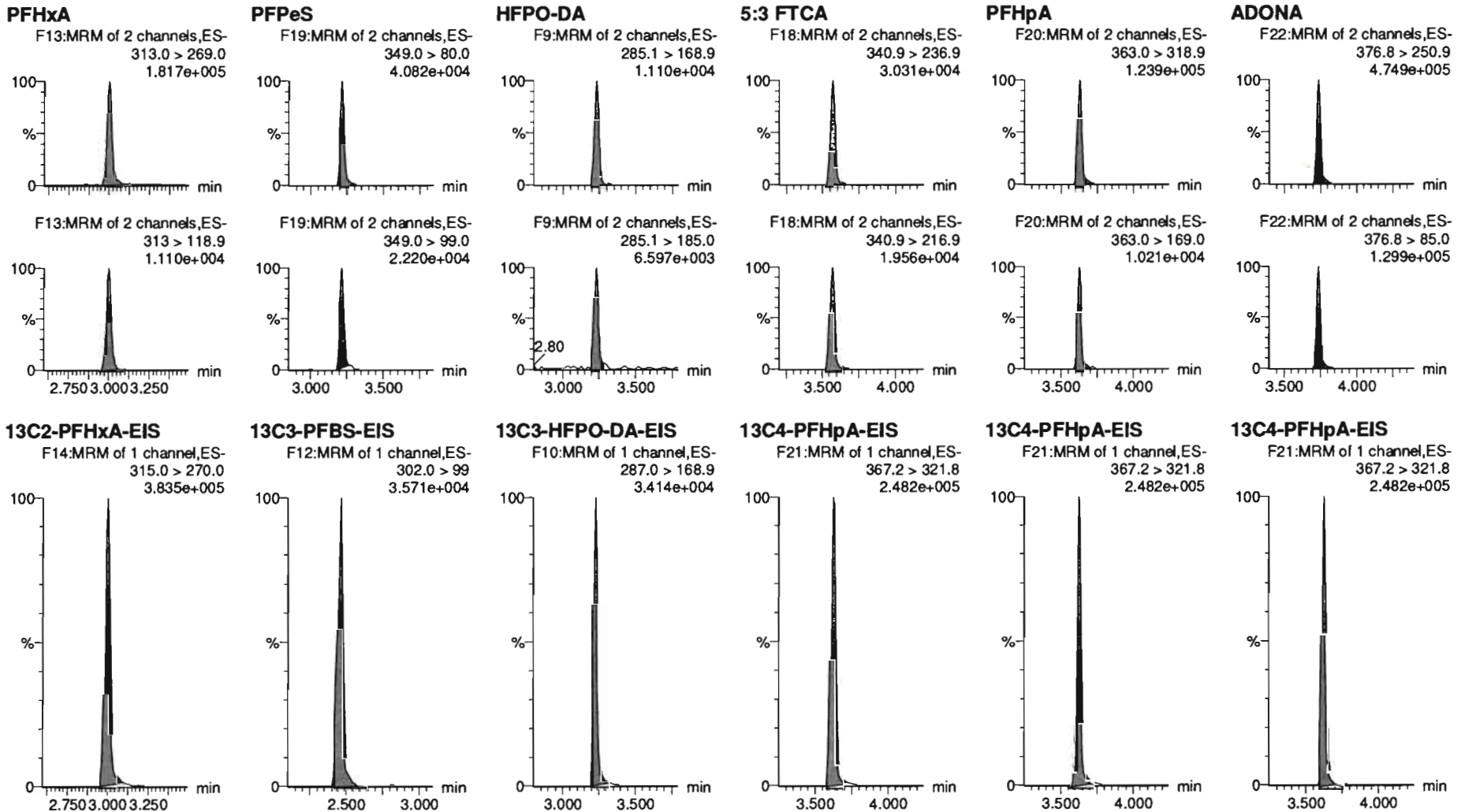
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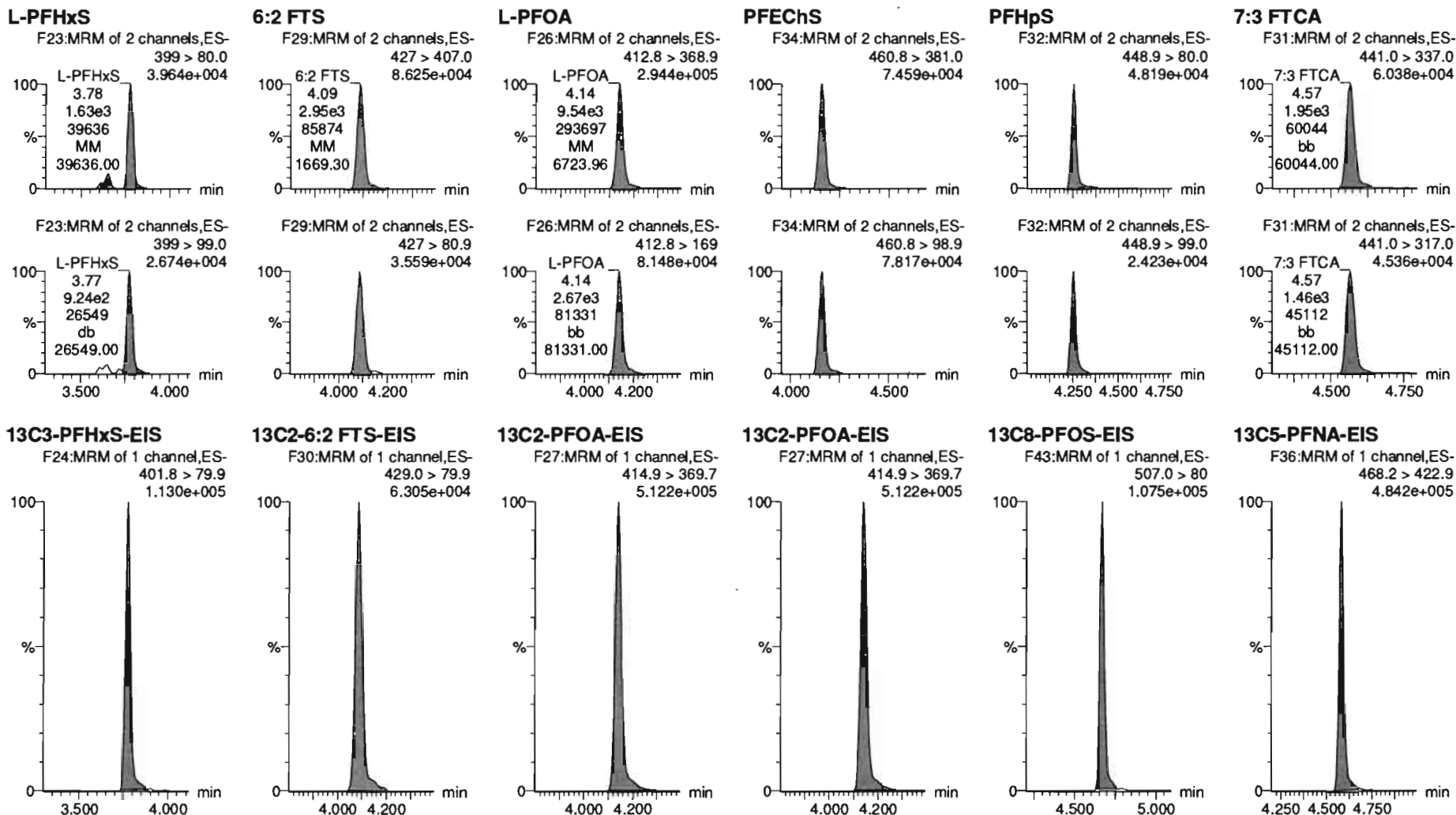


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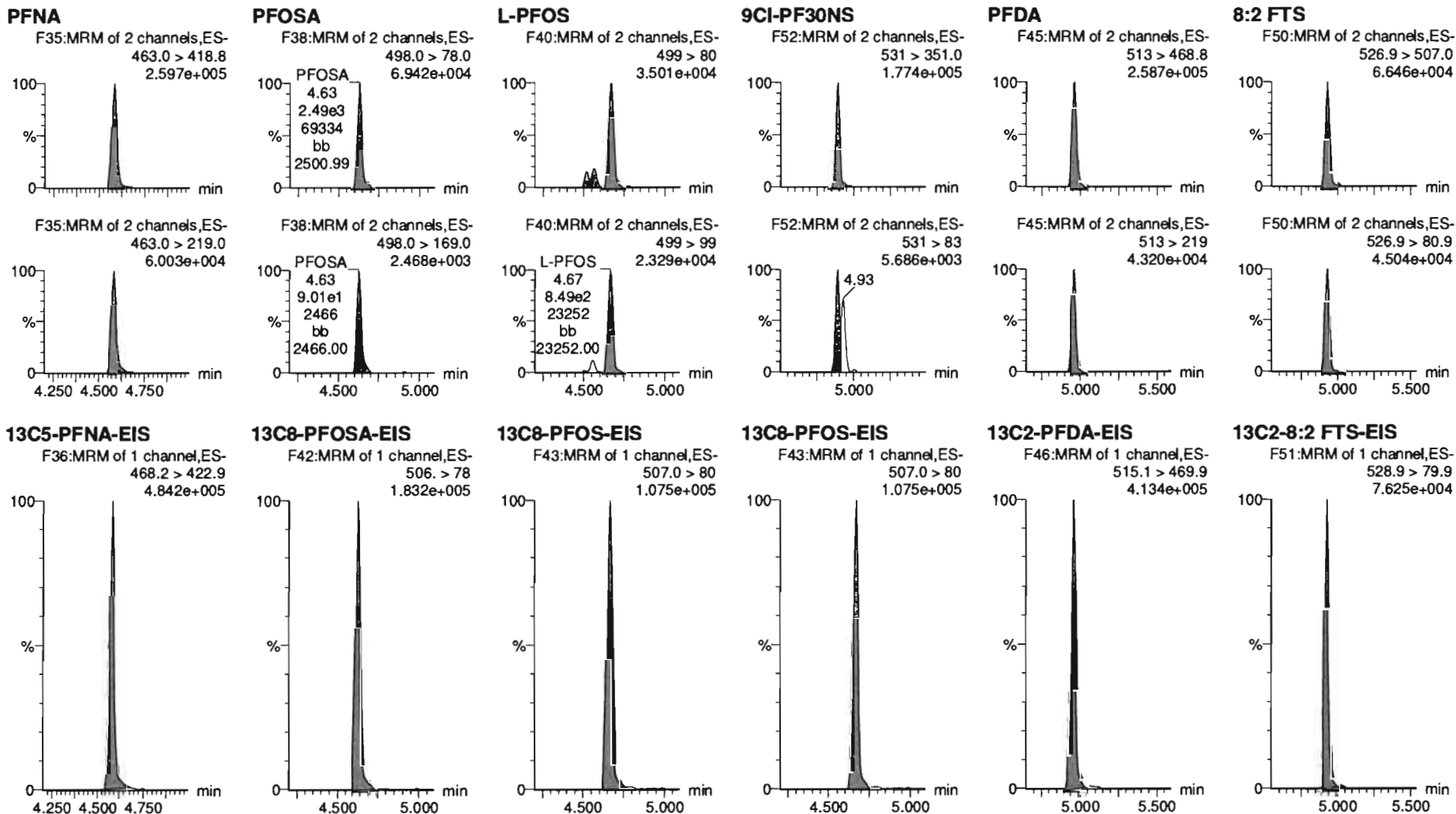


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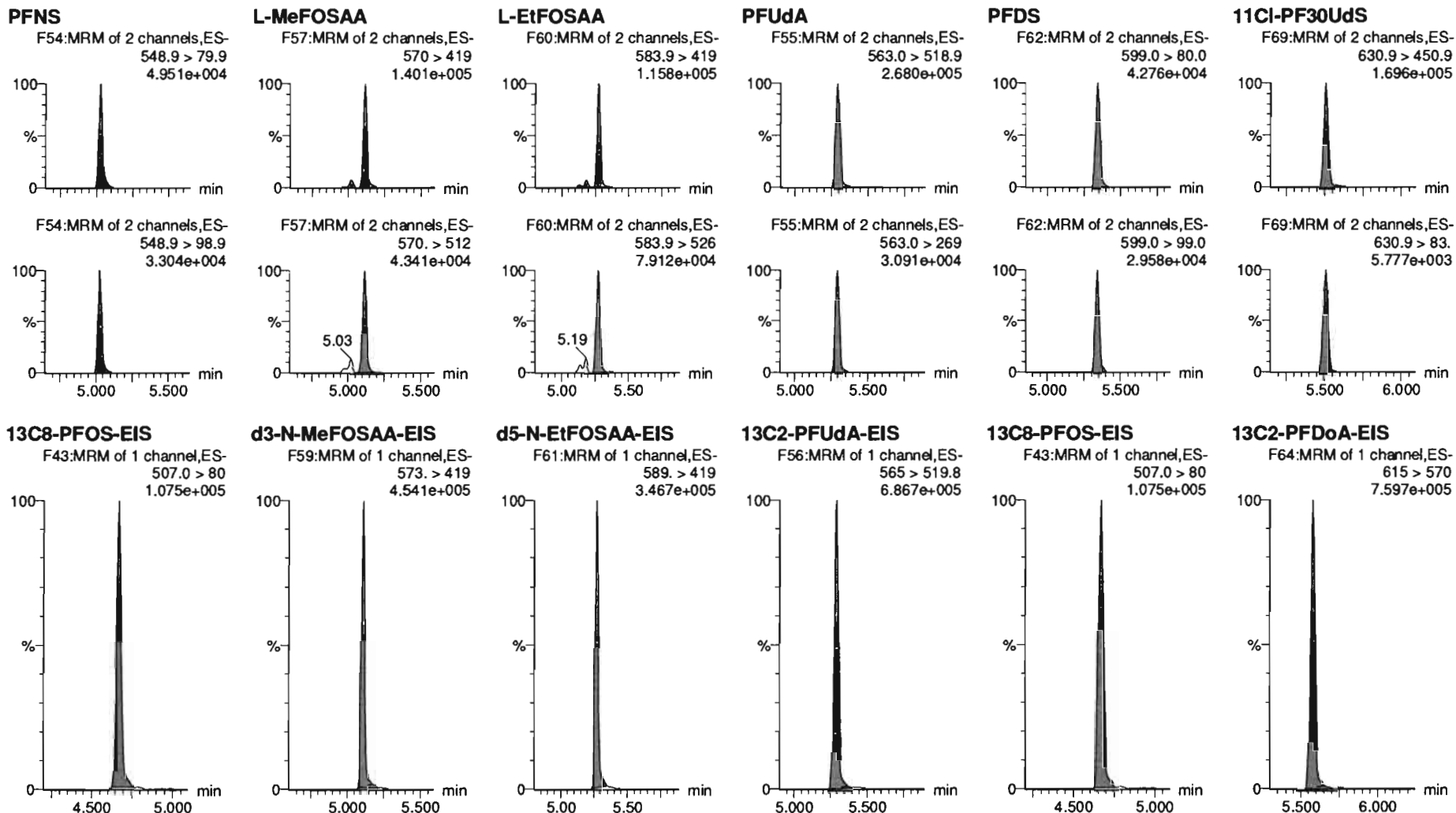


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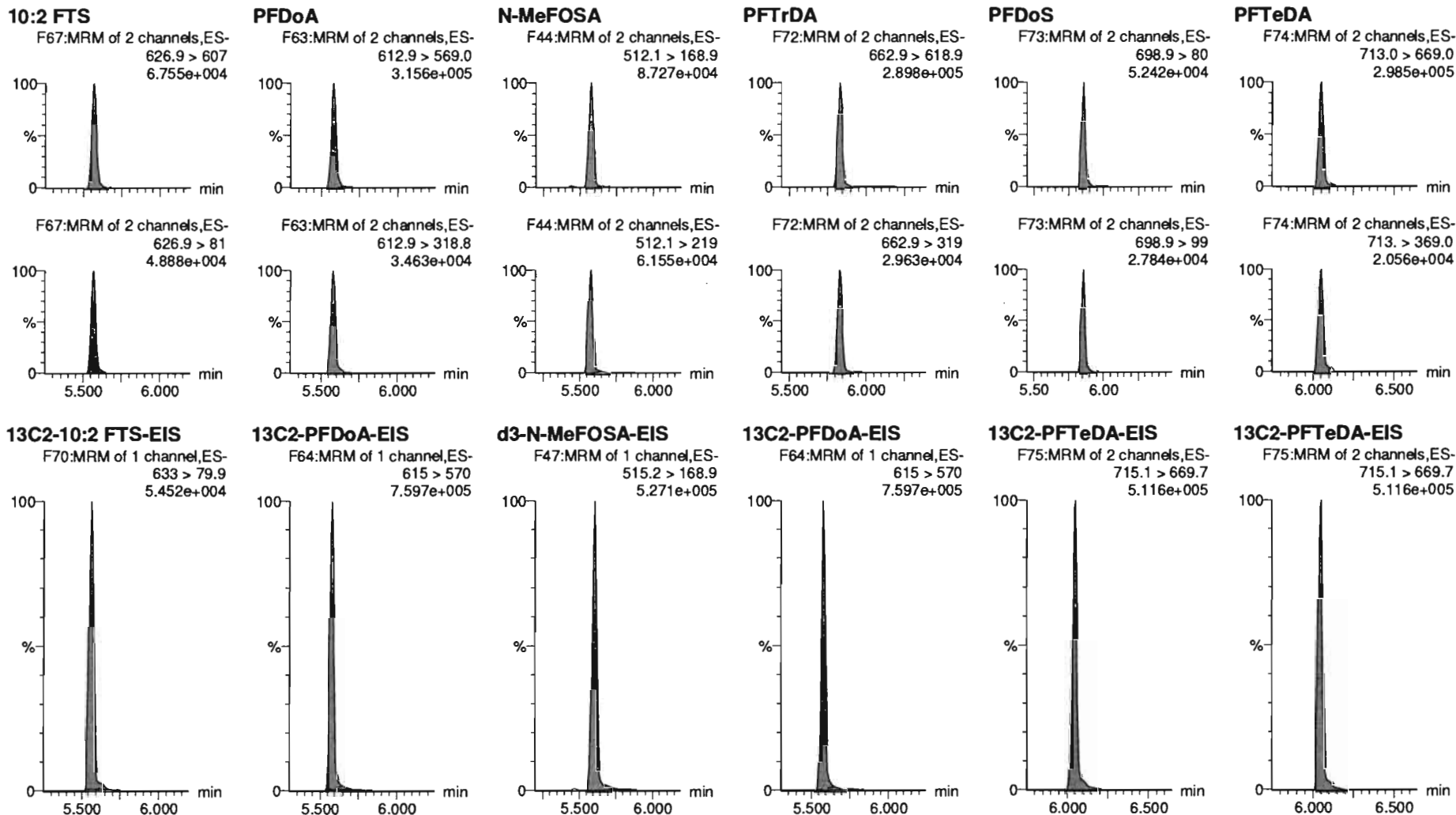


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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_7, Date: 16-Jul-2020, Time: 16:19:37, ID: ST200716M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

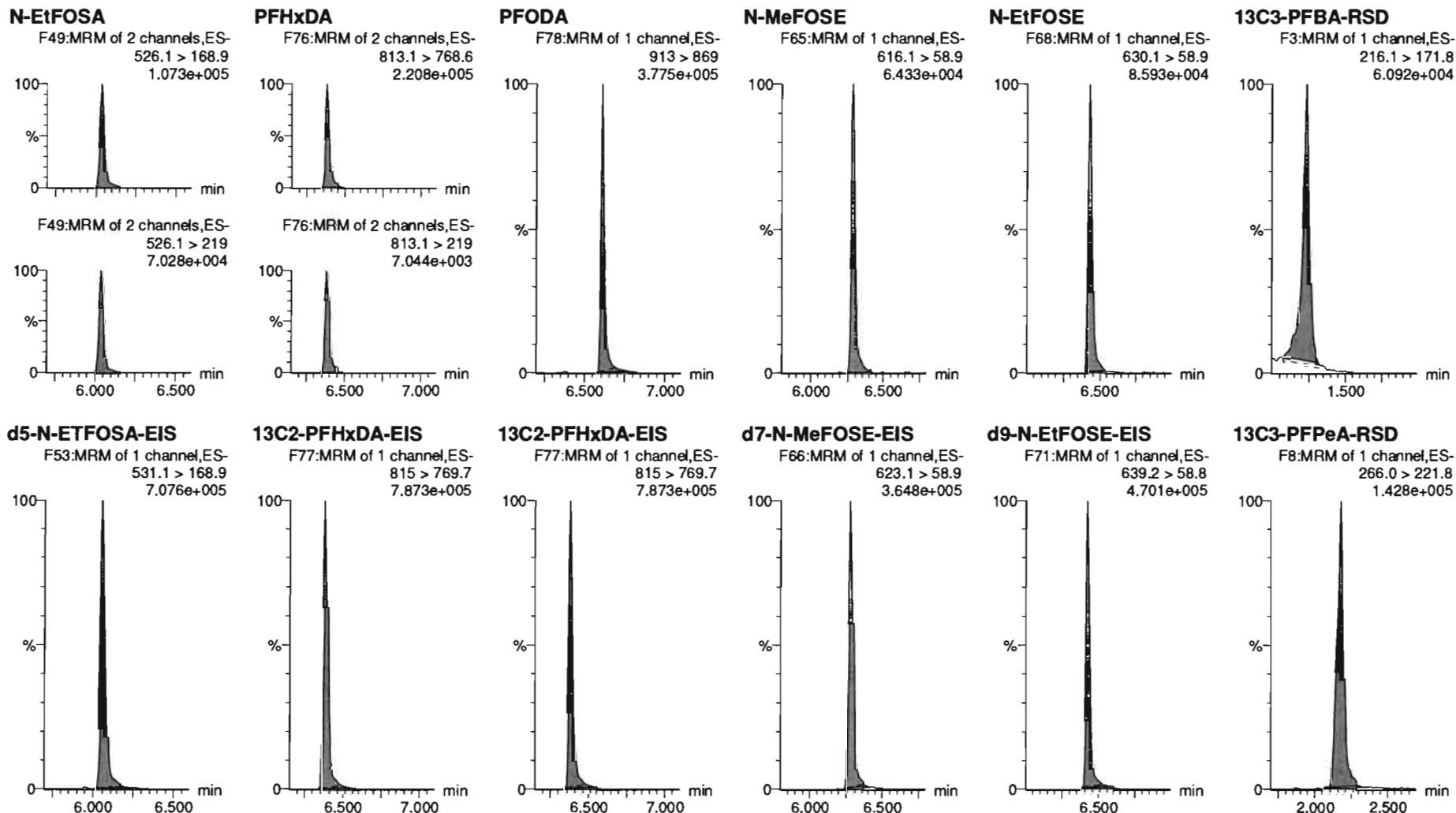


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_7, Date: 16-Jul-2020, Time: 16:19:37, ID: ST200716M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

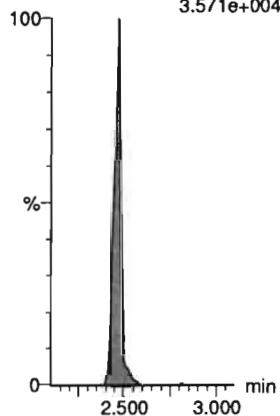
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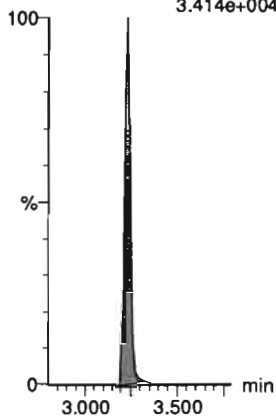
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.571e+004



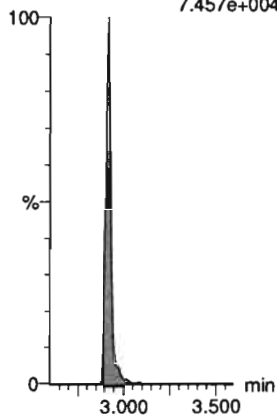
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.414e+004



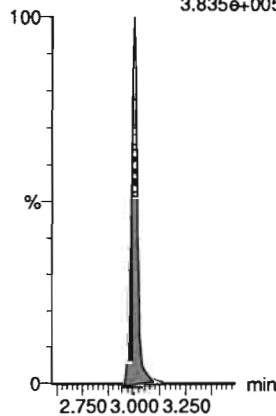
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.457e+004



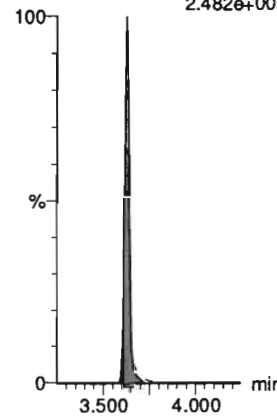
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.835e+005



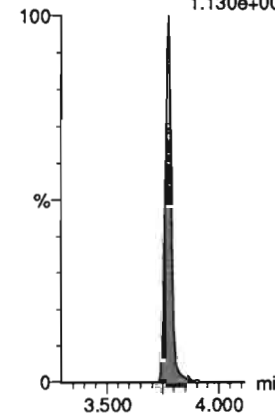
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.482e+005



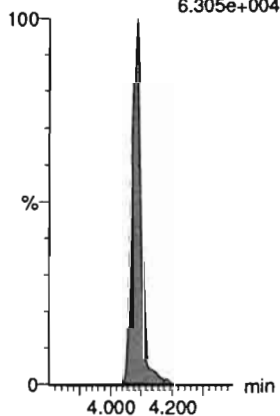
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.130e+005



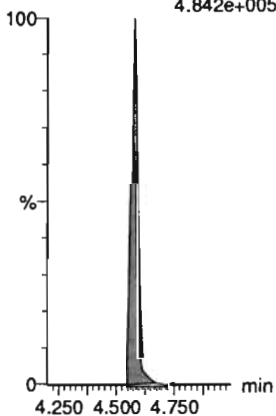
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
6.305e+004



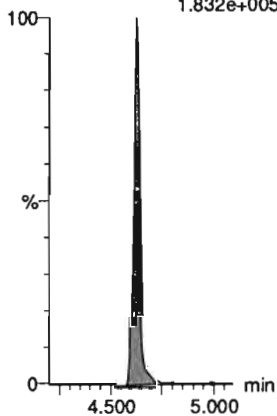
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.842e+005



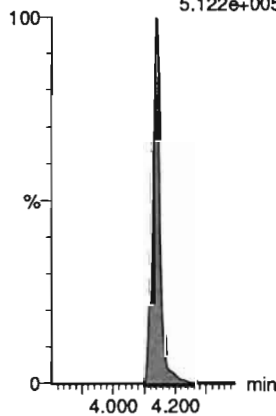
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.832e+005



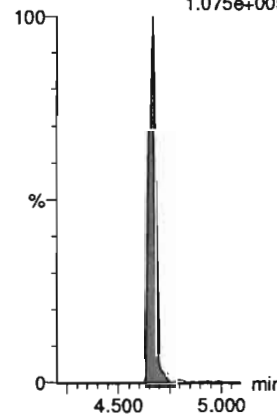
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.122e+005



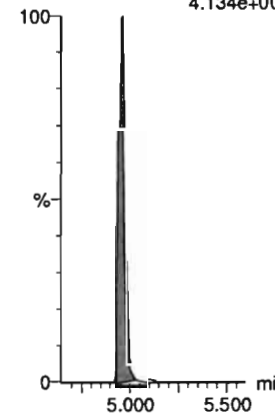
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.075e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.134e+005



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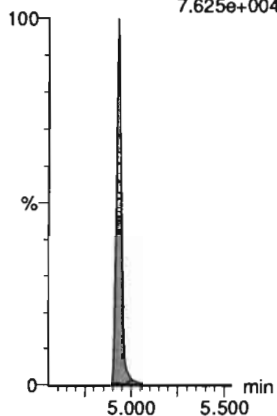
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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_7, Date: 16-Jul-2020, Time: 16:19:37, ID: ST200716M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

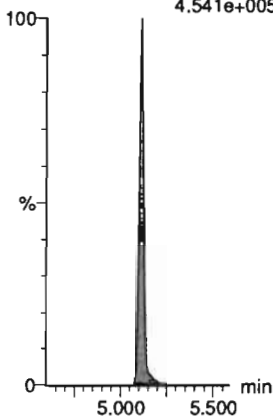
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
7.625e+004



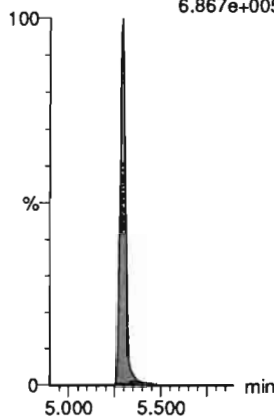
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.541e+005



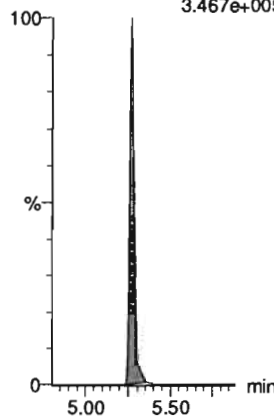
13C2-PFUDA-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.867e+005



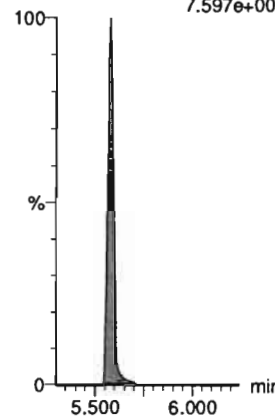
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.467e+005



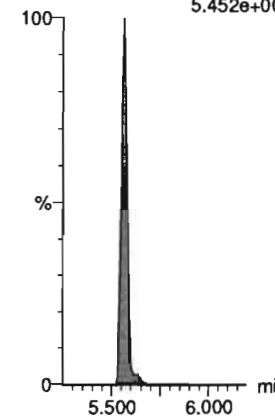
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
7.597e+005



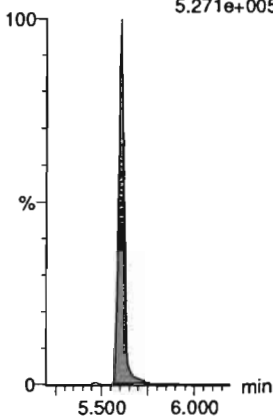
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.452e+004



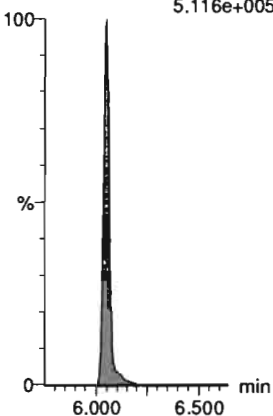
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.271e+005



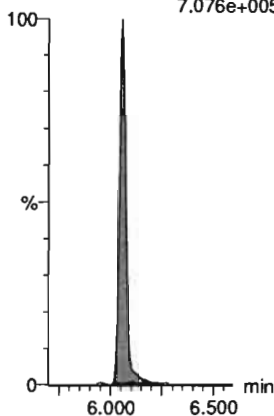
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.116e+005



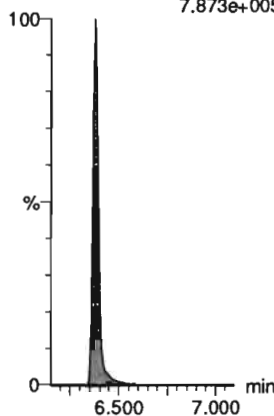
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.076e+005



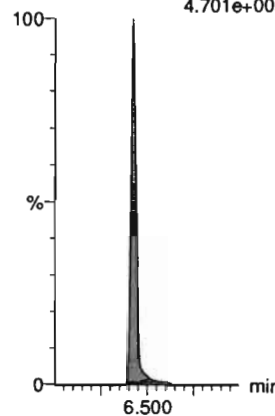
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.873e+005



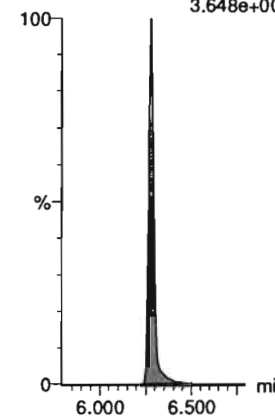
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.701e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.648e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qtd

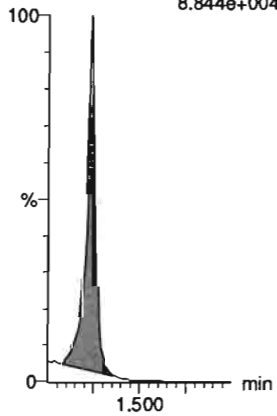
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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_7, Date: 16-Jul-2020, Time: 16:19:37, ID: ST200716M1-5 PFC CS2 20F1905, Description: PFC CS2 20F1905

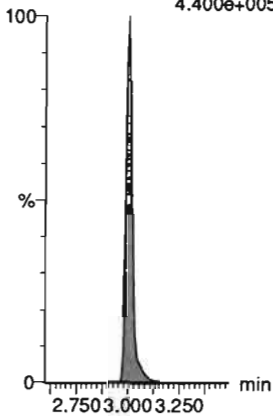
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
8.844e+004



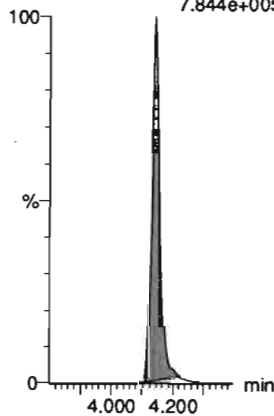
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.400e+005



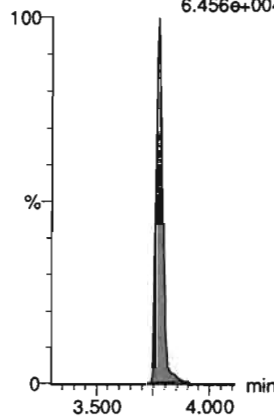
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.844e+005



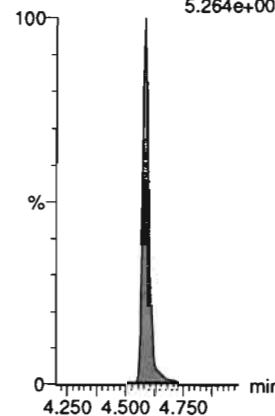
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
6.456e+004



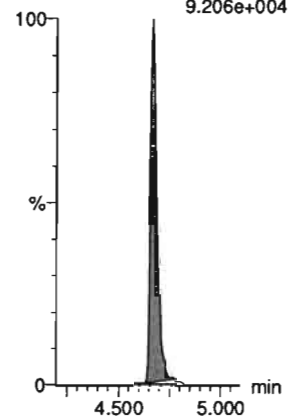
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
5.264e+005



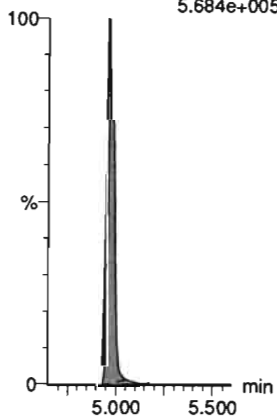
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
9.206e+004



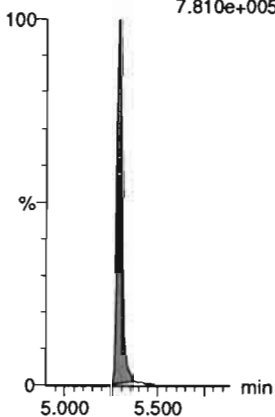
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.684e+005



13C7-PFudA

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.810e+005



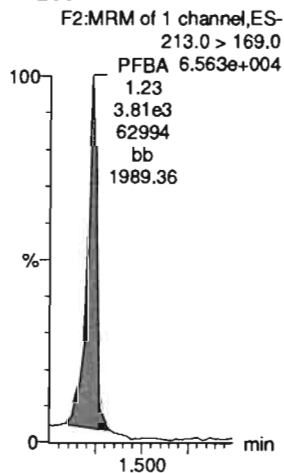
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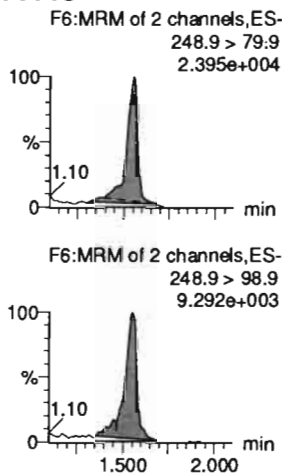
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Name: 200716M1_8, Date: 16-Jul-2020, Time: 16:29:59, ID: ST200716M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

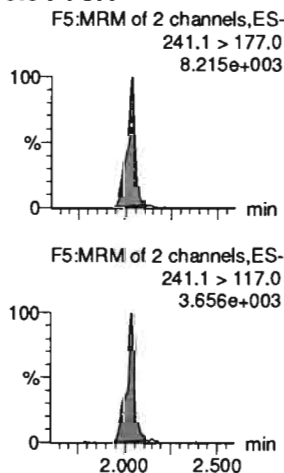
PFBA



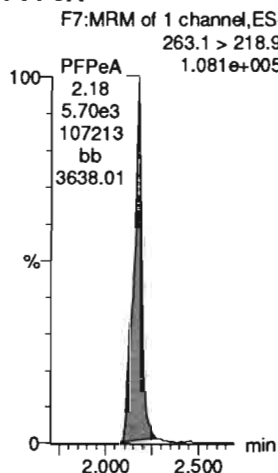
PFPrS



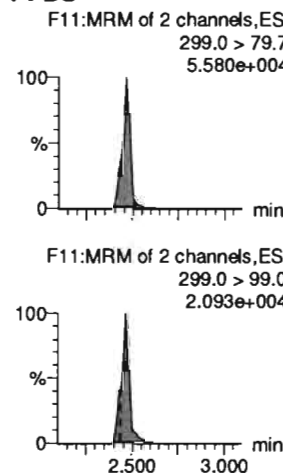
3:3 FTCA



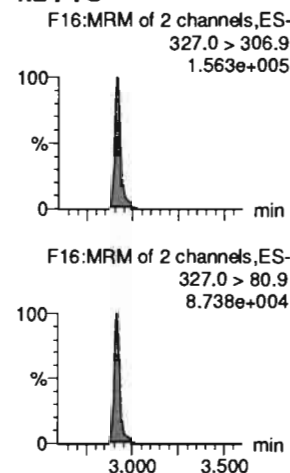
PFPeA



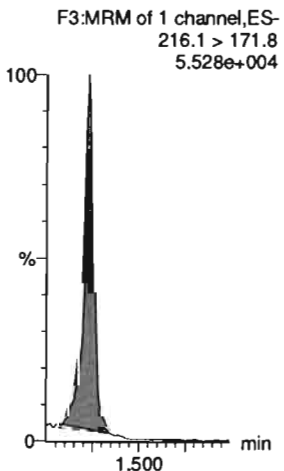
PFBS



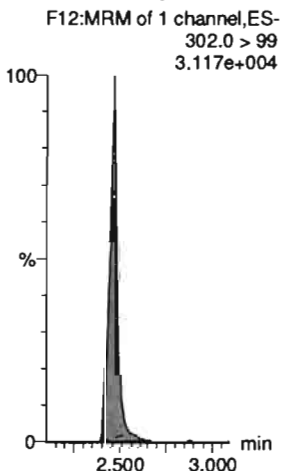
4:2 FTS



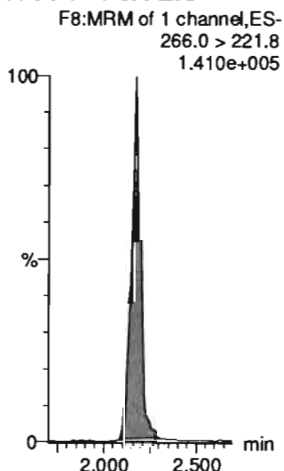
13C3-PFBA-EIS



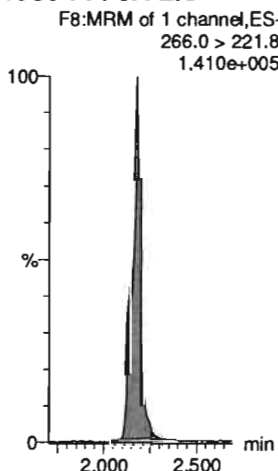
13C3-PFBS-EIS



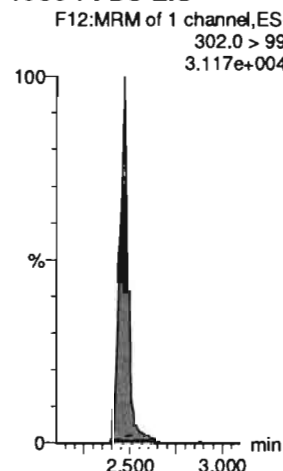
13C3-PFPeA-EIS



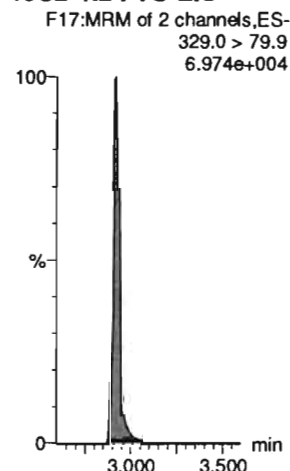
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

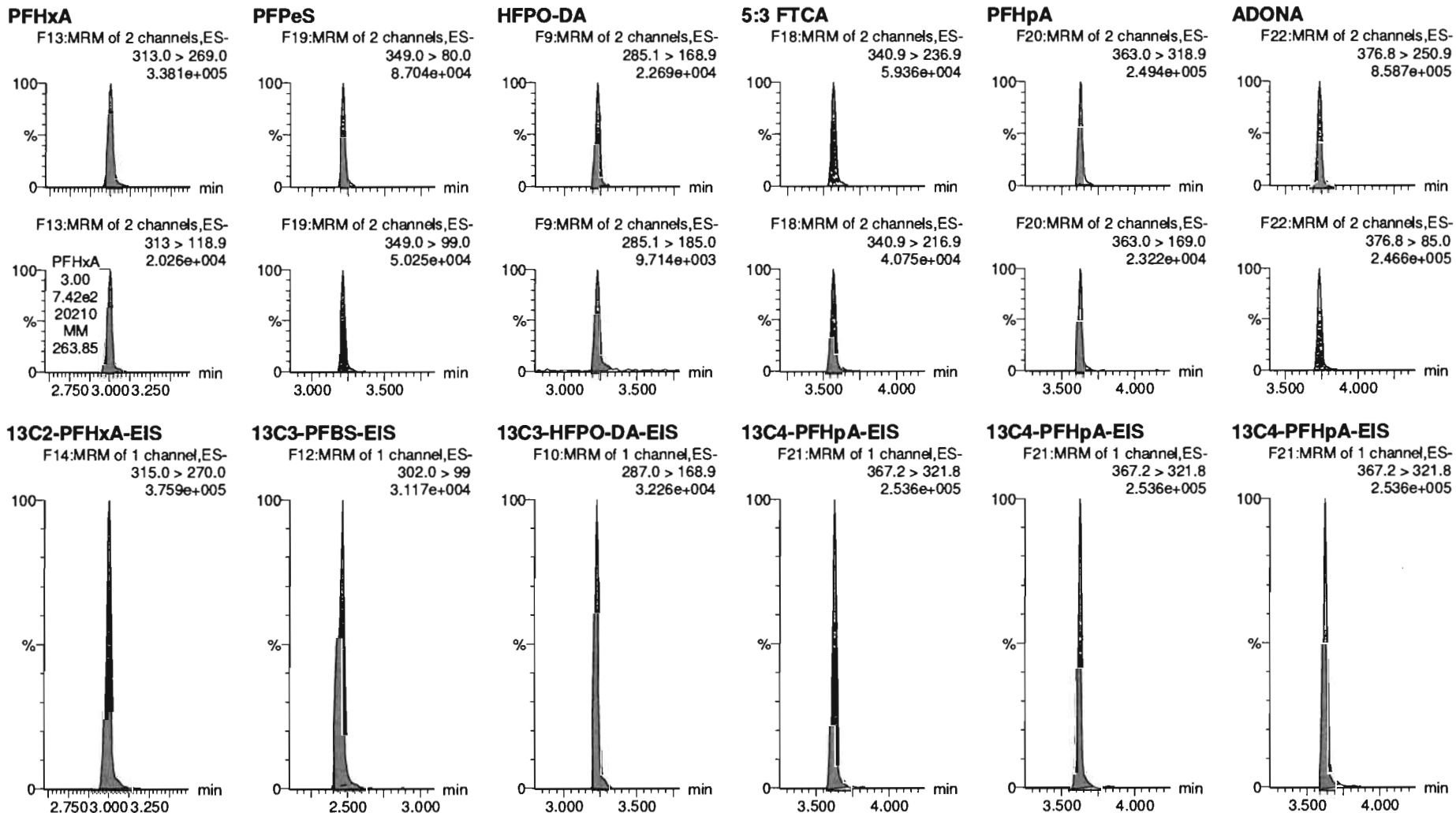


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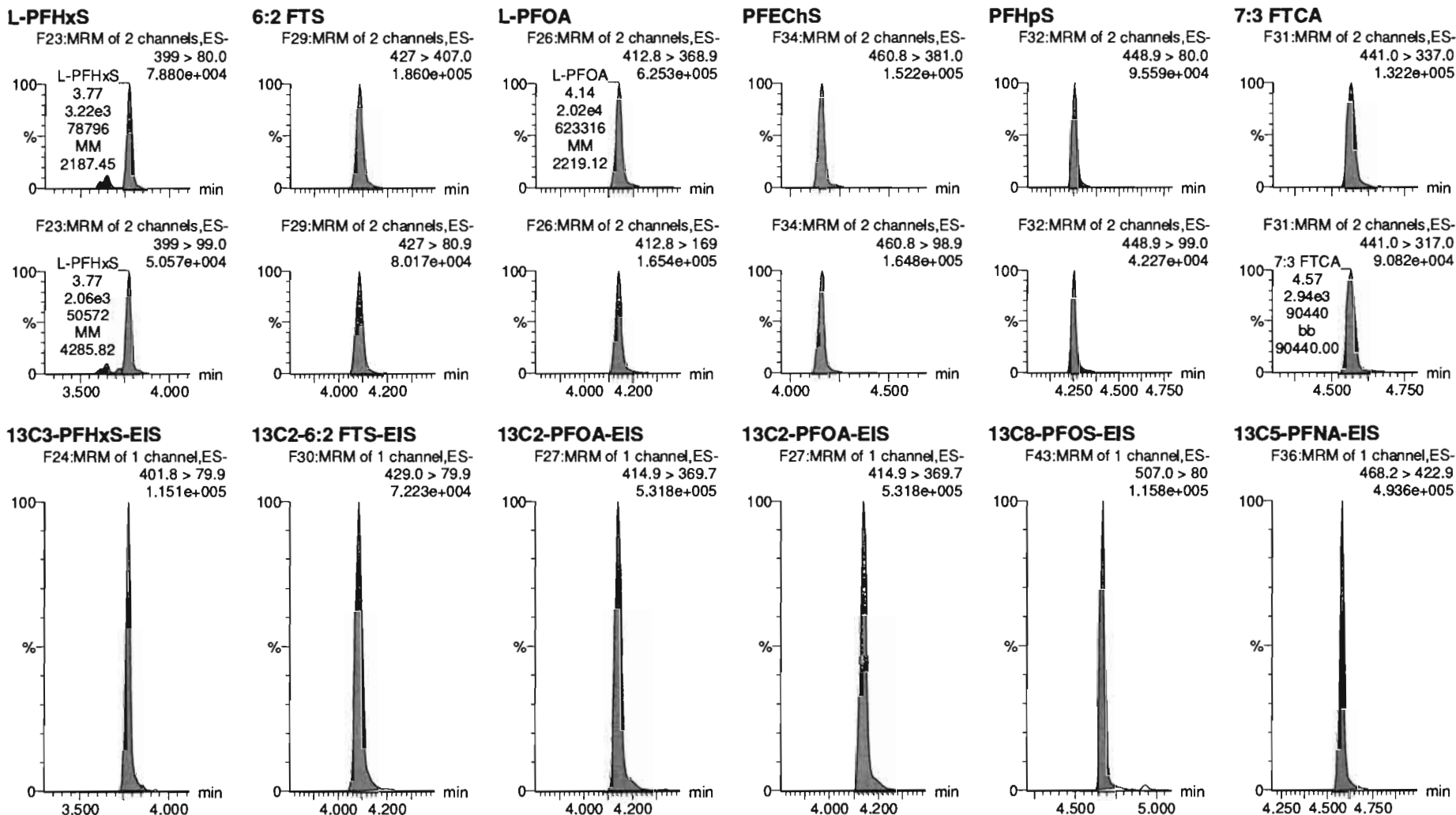


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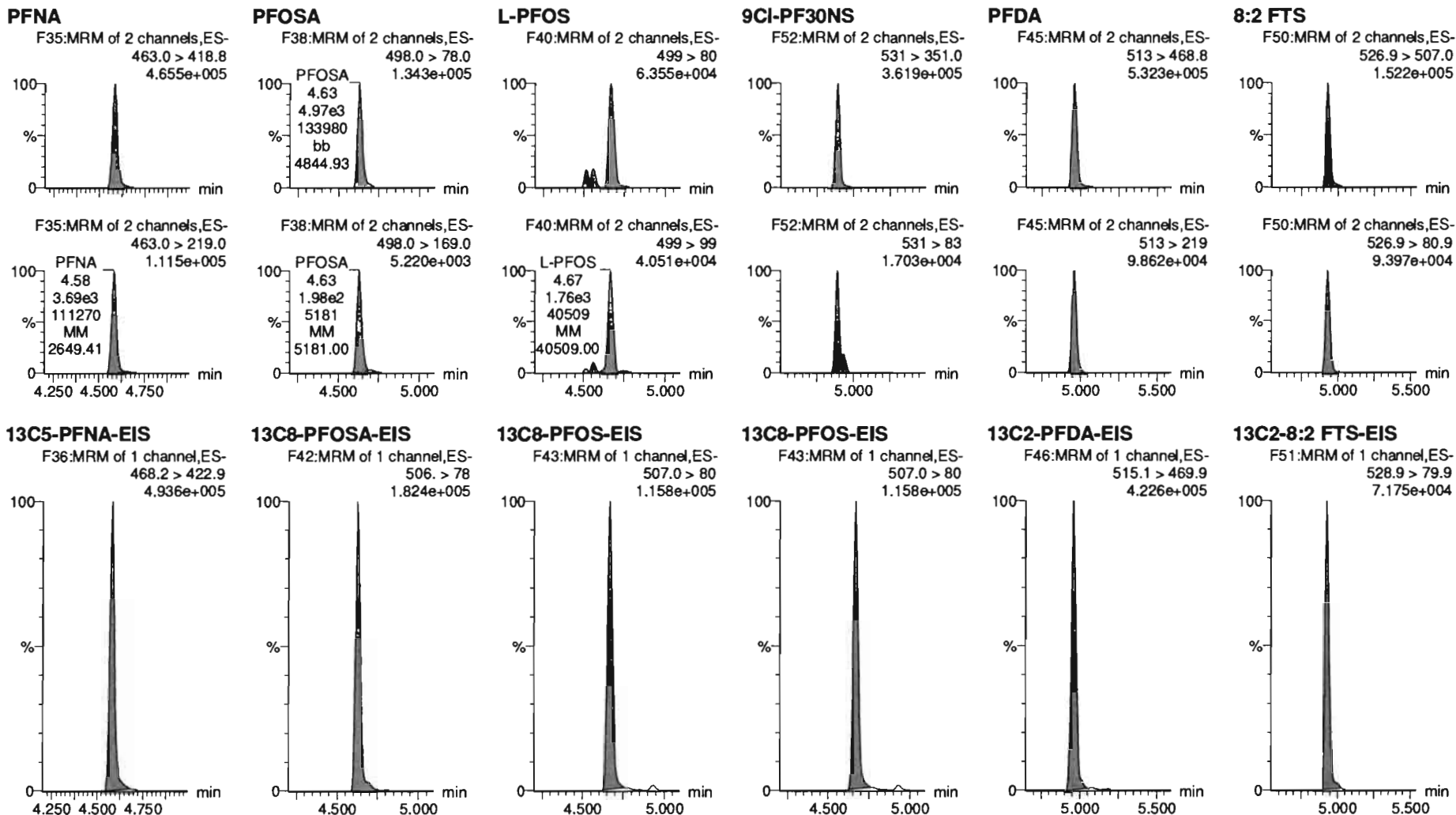


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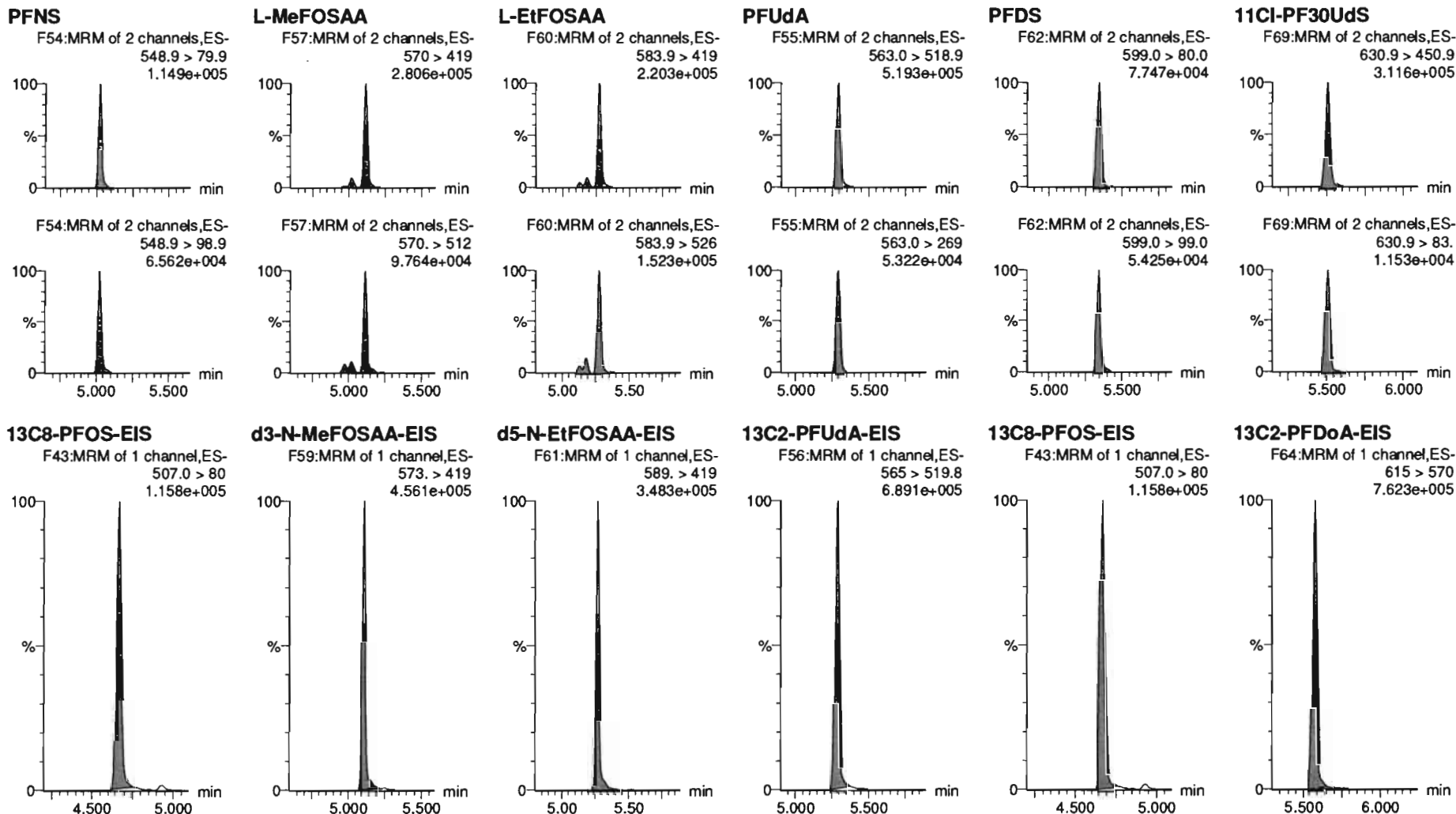


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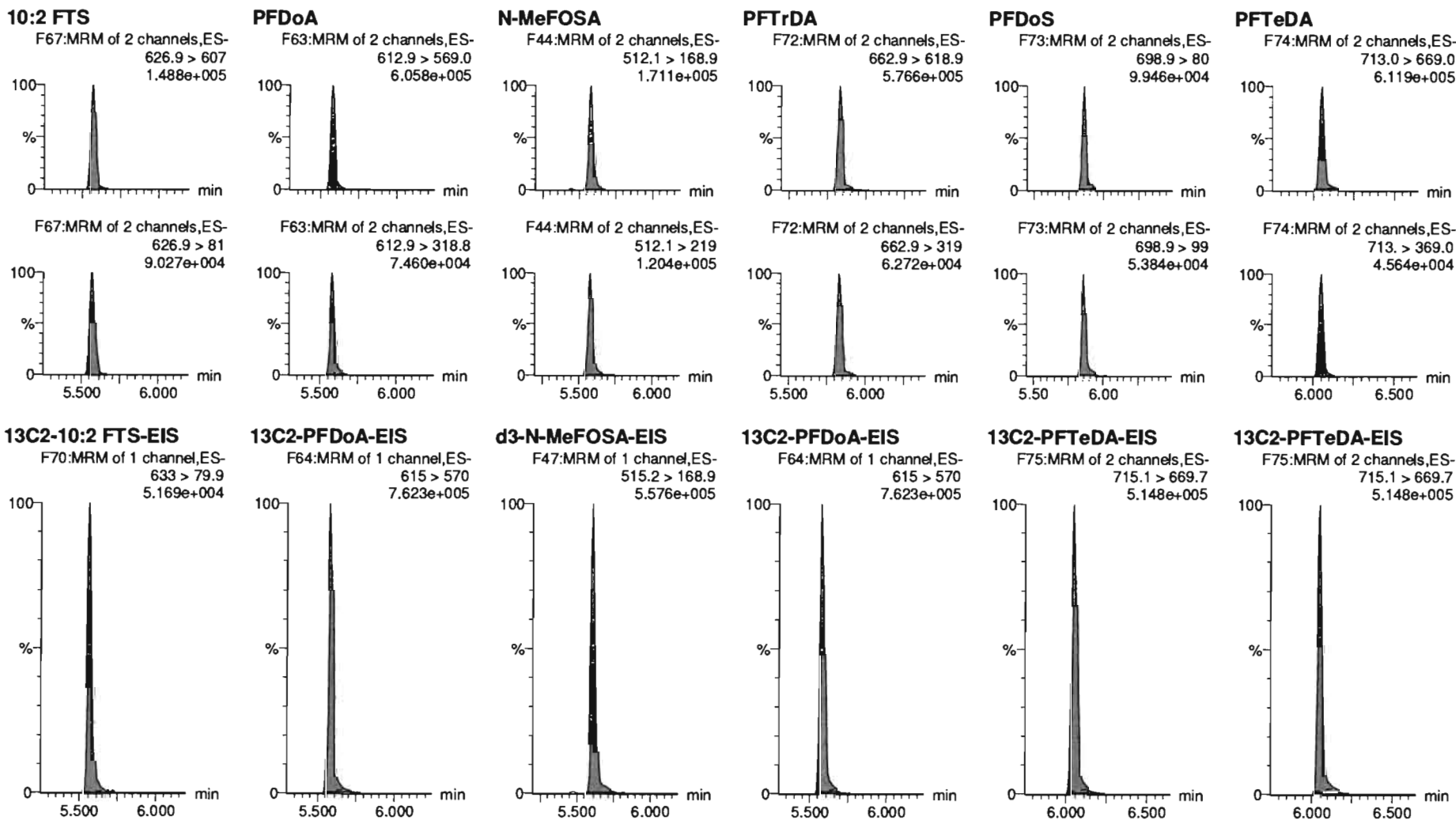


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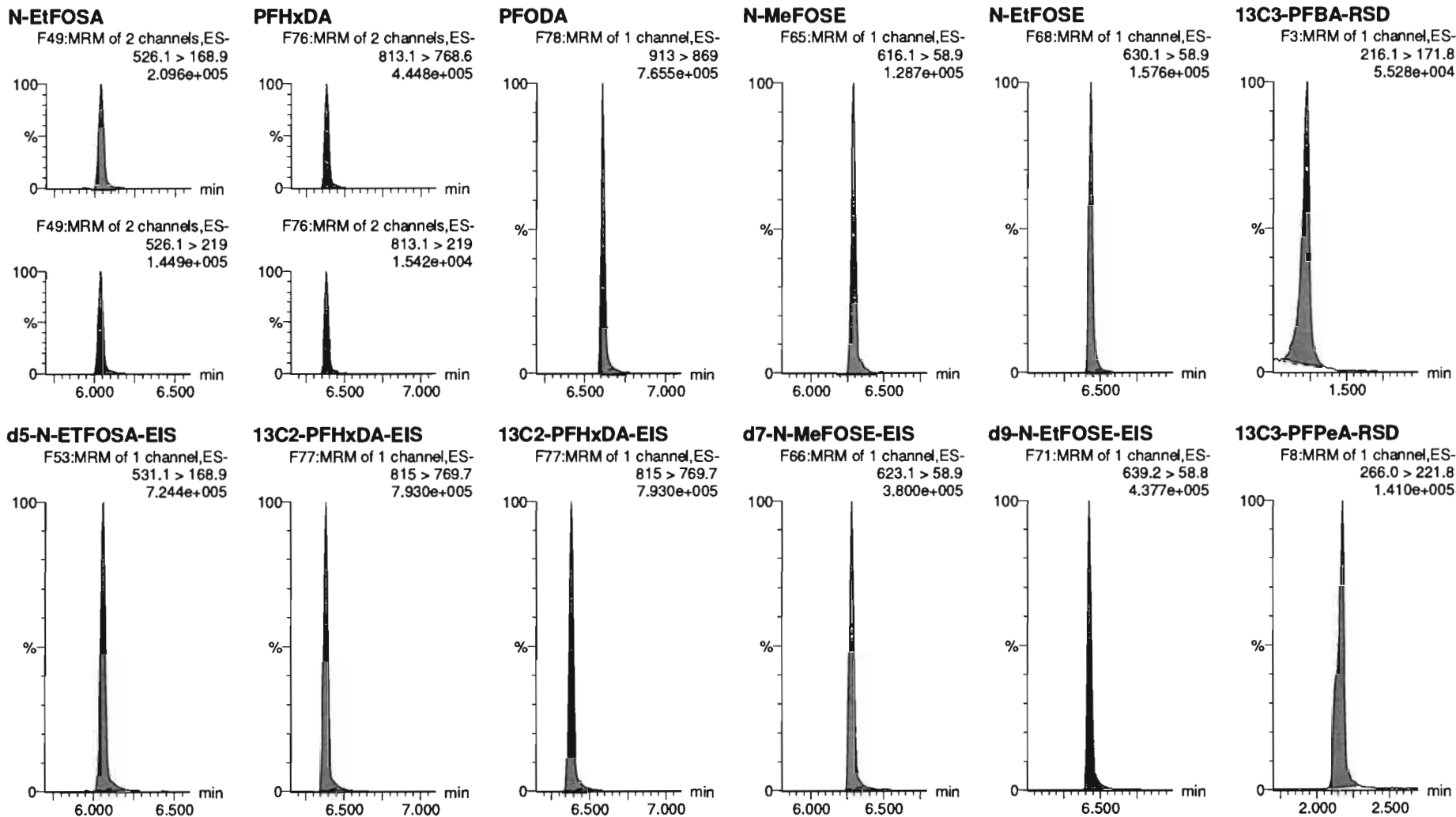


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Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

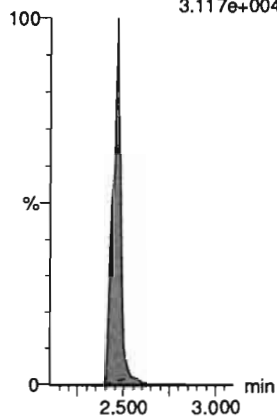
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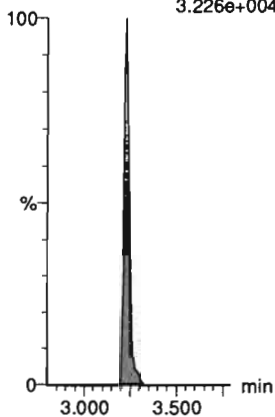
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.117e+004



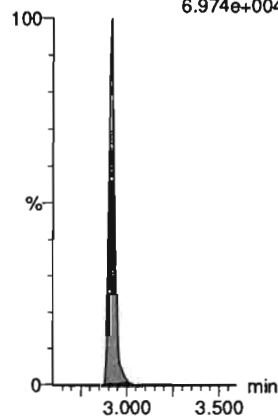
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.226e+004



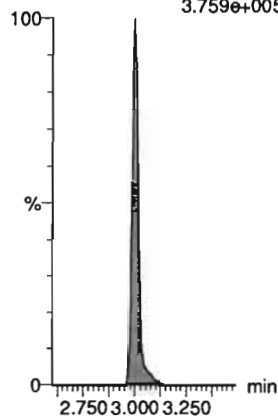
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.974e+004



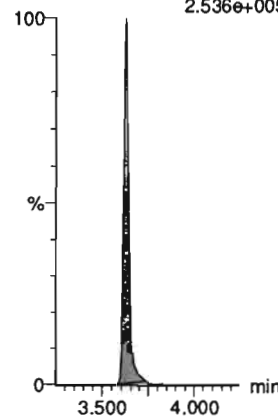
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.759e+005



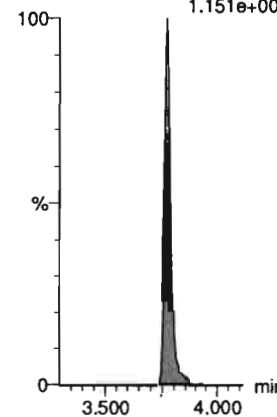
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.536e+005



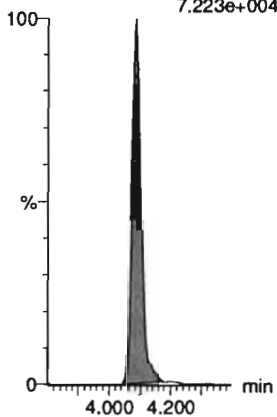
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.151e+005



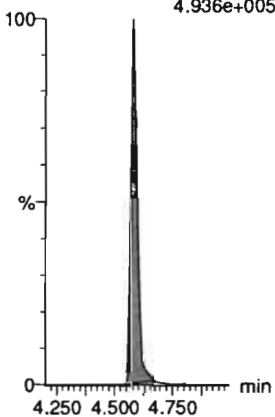
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
7.223e+004



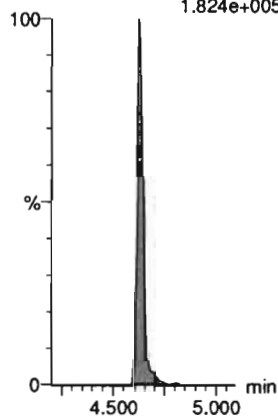
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.936e+005



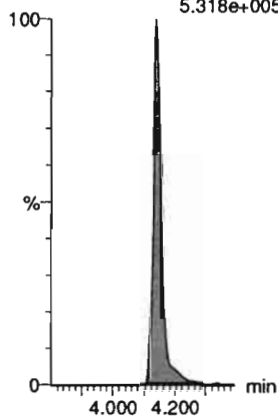
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.824e+005



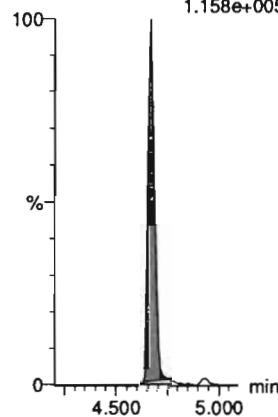
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.318e+005



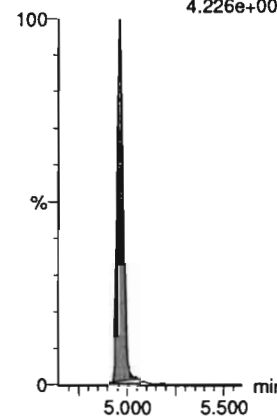
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.158e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.226e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

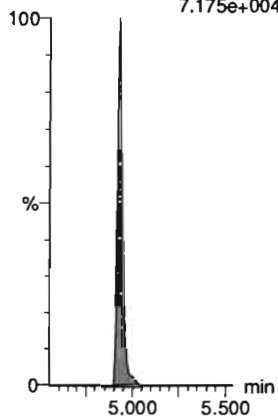
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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_8, Date: 16-Jul-2020, Time: 16:29:59, ID: ST200716M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

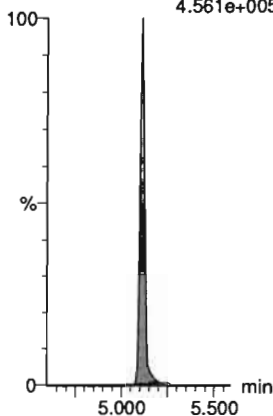
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
7.175e+004



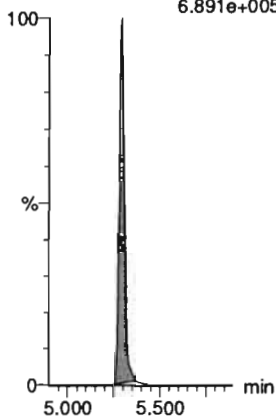
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.561e+005



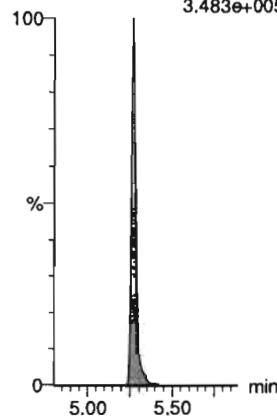
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.891e+005



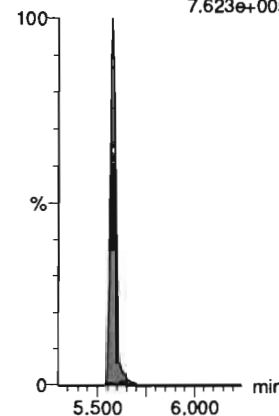
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.483e+005



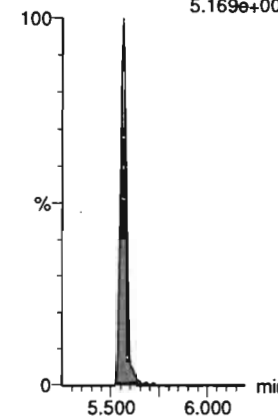
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
7.623e+005



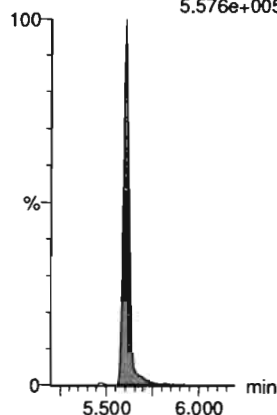
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.169e+004



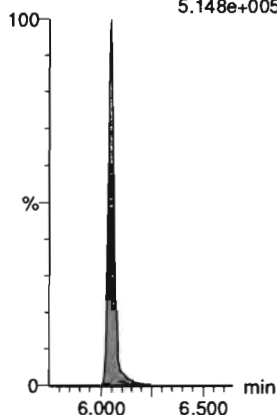
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.576e+005



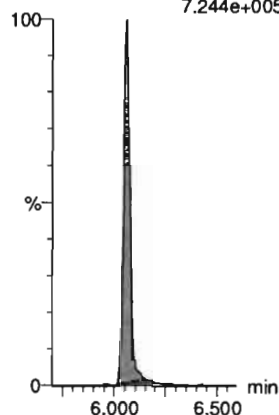
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.148e+005



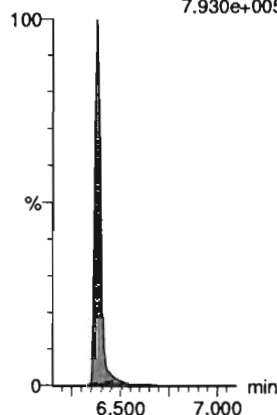
d5-N-ETFOsa-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.244e+005



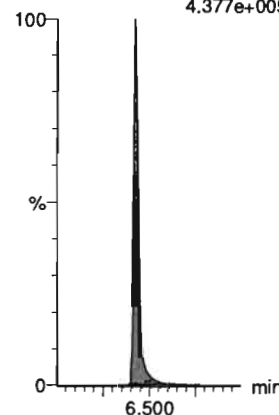
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.930e+005



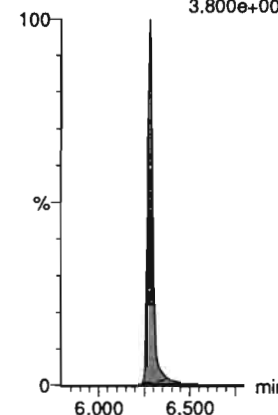
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.377e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.800e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

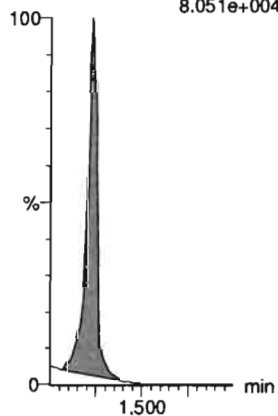
Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_8, Date: 16-Jul-2020, Time: 16:29:59, ID: ST200716M1-6 PFC CS3 20F1906, Description: PFC CS3 20F1906

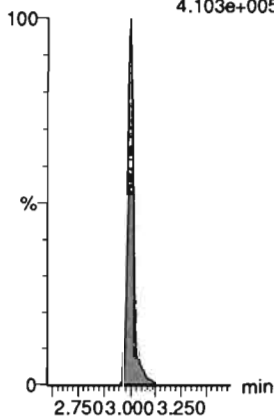
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
8.051e+004



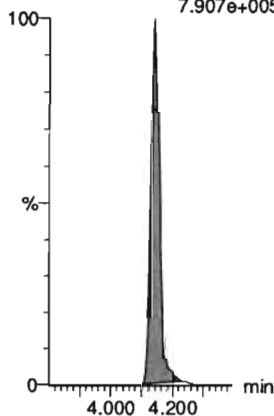
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.103e+005



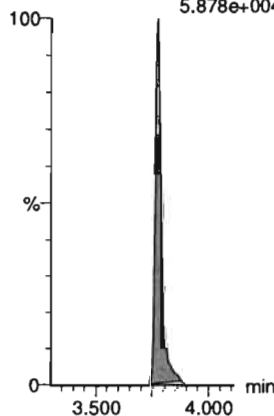
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.907e+005



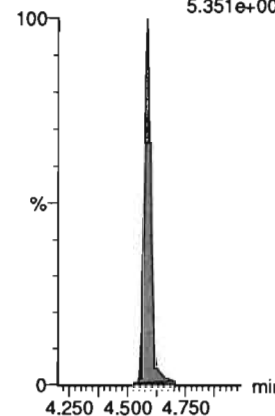
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
5.878e+004



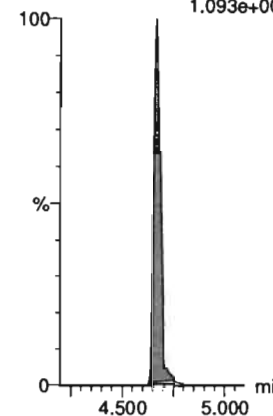
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
5.351e+005



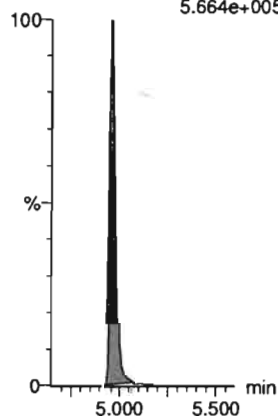
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.093e+005



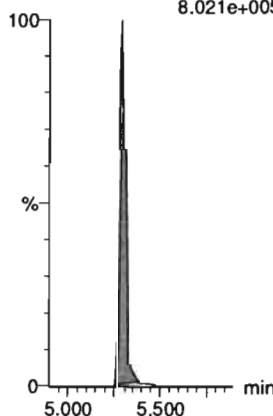
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.664e+005



13C7-PFUdA

F58:MRM of 1 channel,ES-
570.1 > 524.8
8.021e+005



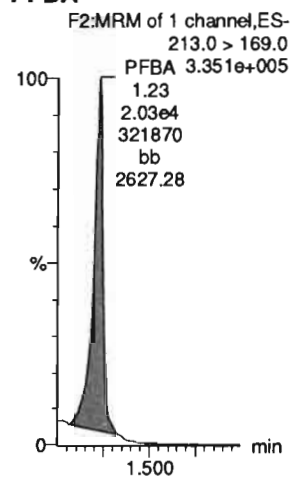
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Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

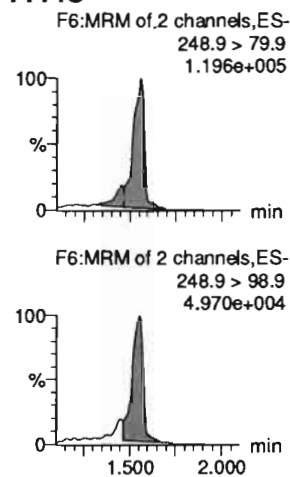
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Name: 200716M1_9, Date: 16-Jul-2020, Time: 16:40:22, ID: ST200716M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

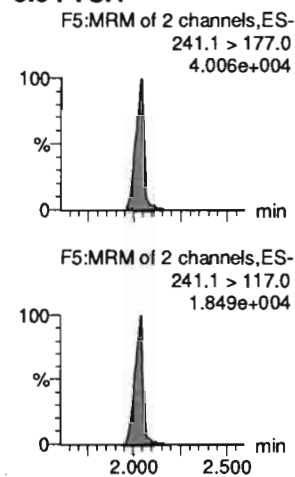
PFBA



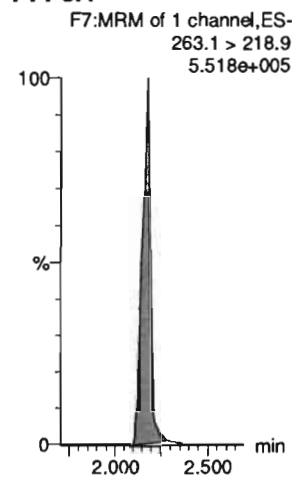
PFPPrS



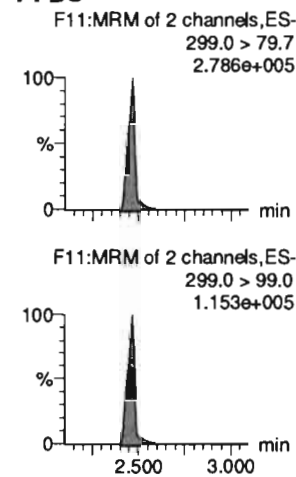
3:3 FTCA



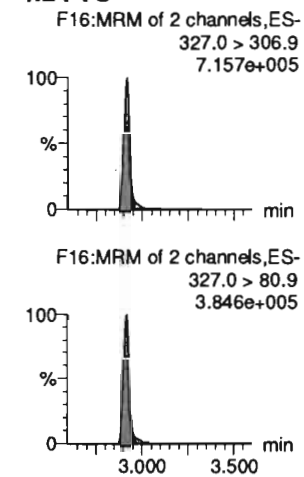
PFPeA



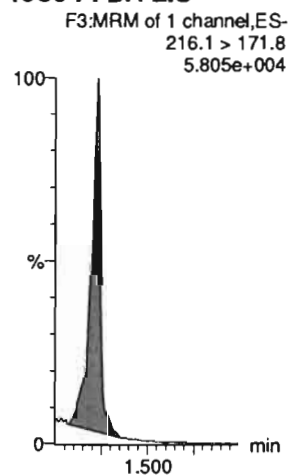
PFBS



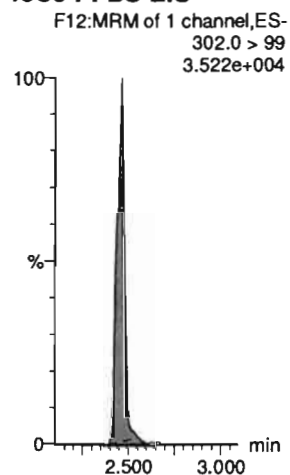
4:2 FTS



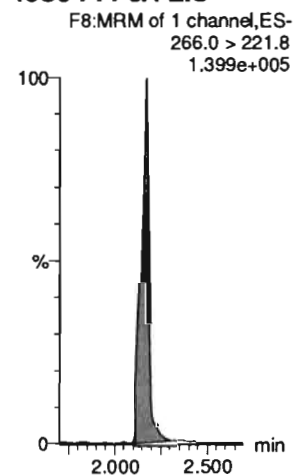
13C3-PFBA-EIS



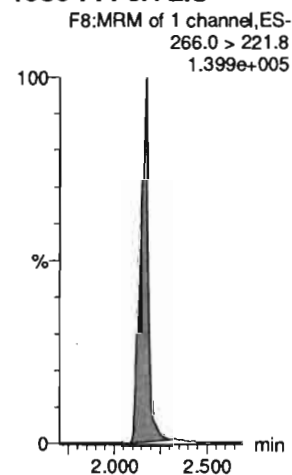
13C3-PFBS-EIS



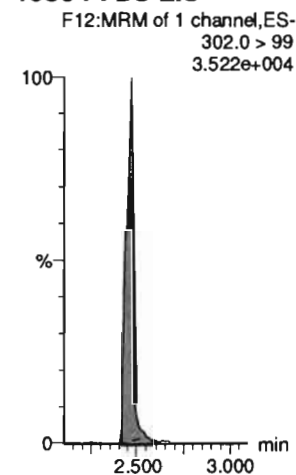
13C3-PFPeA-EIS



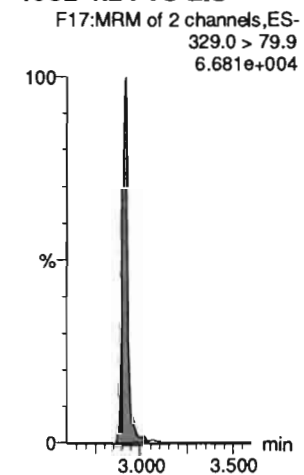
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS

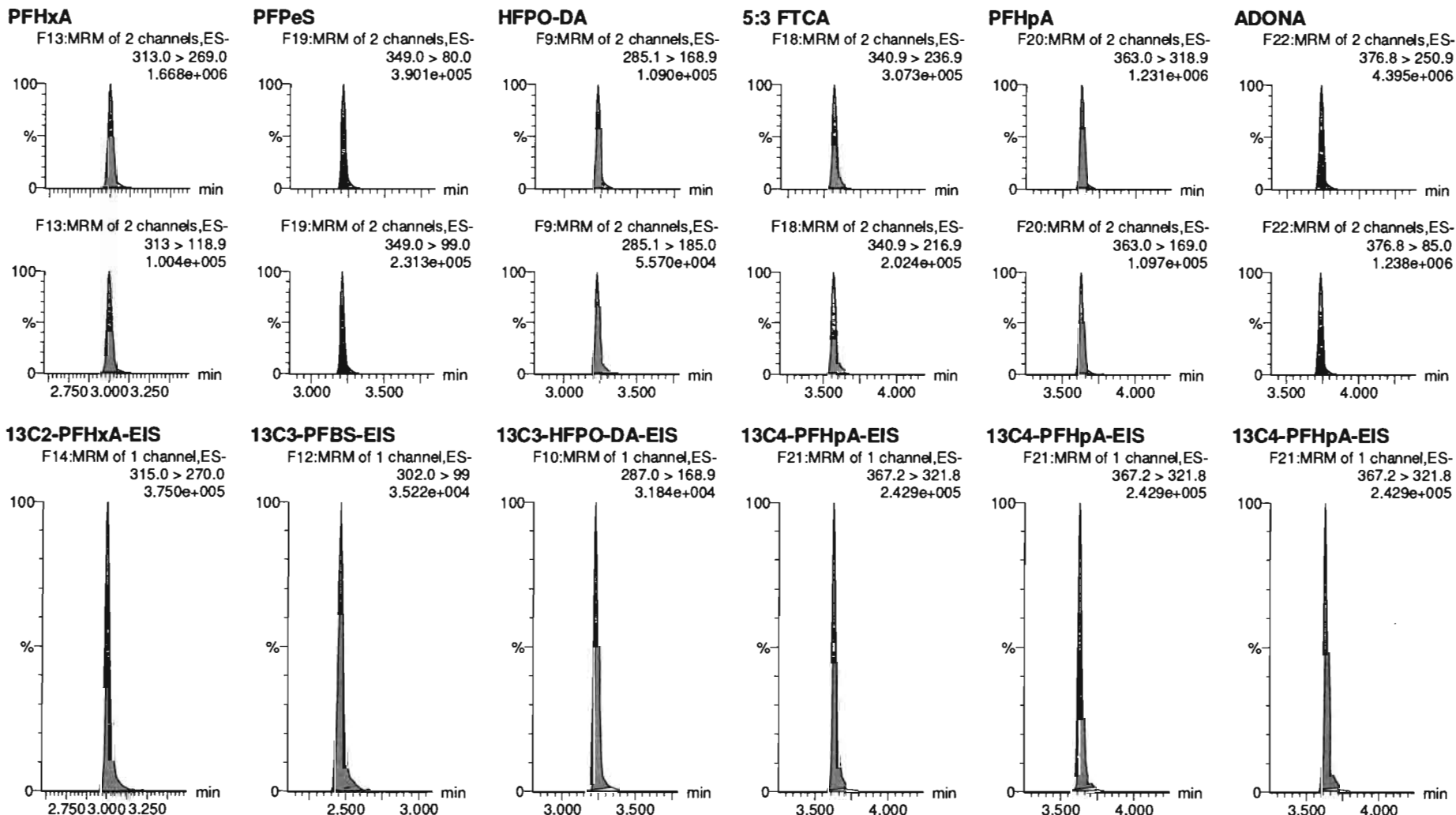


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

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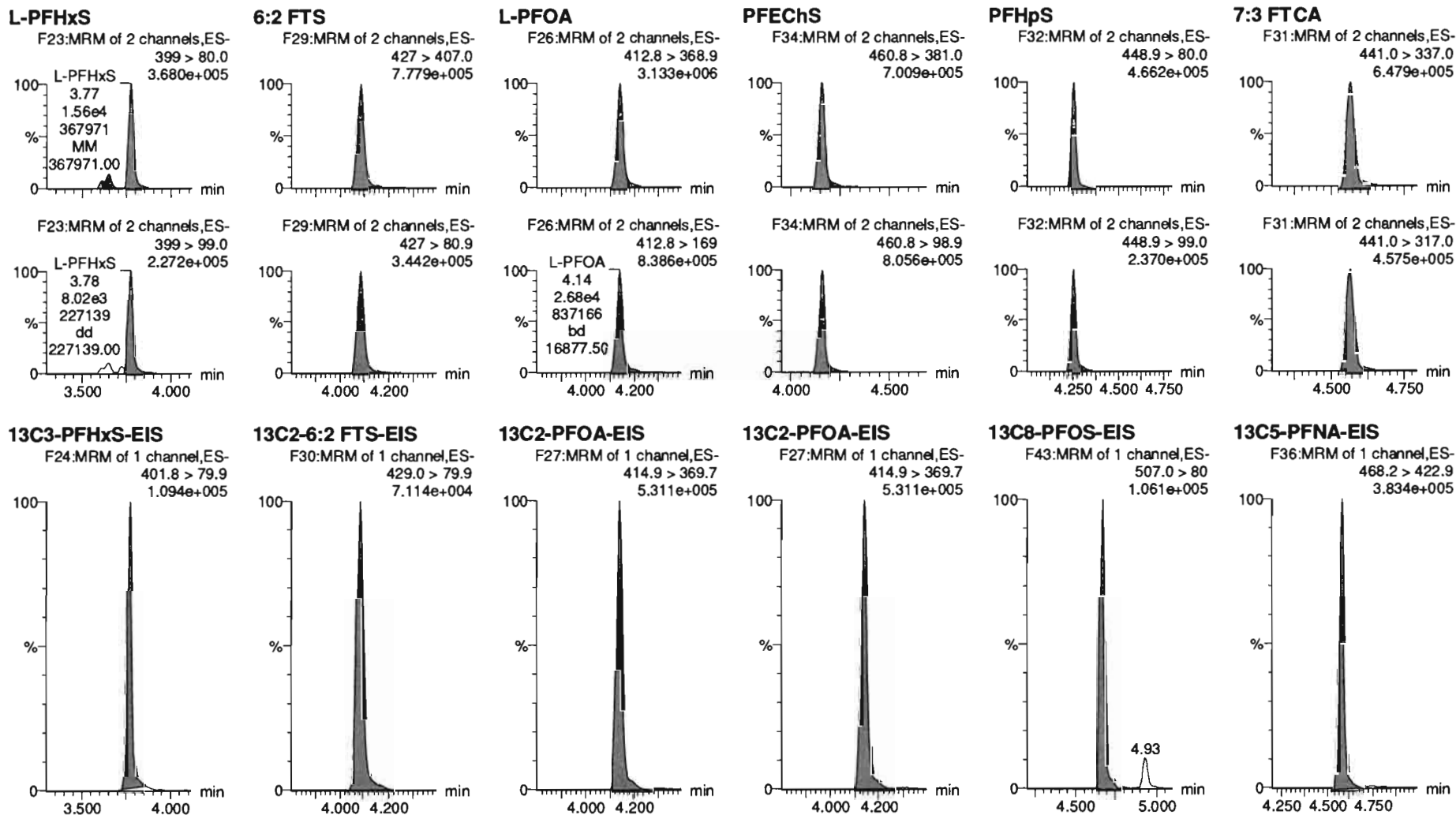


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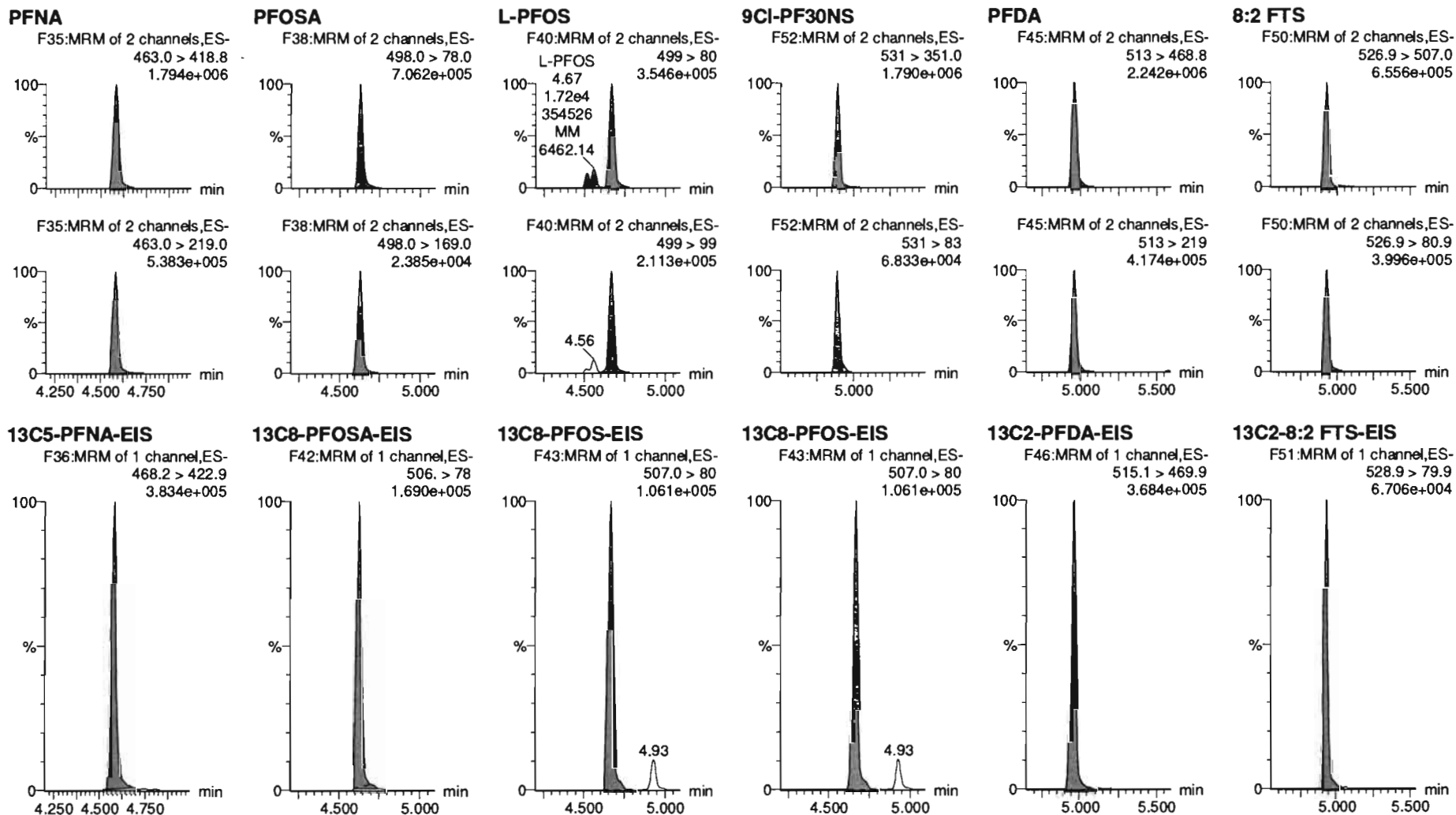


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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_9, Date: 16-Jul-2020, Time: 16:40:22, ID: ST200716M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

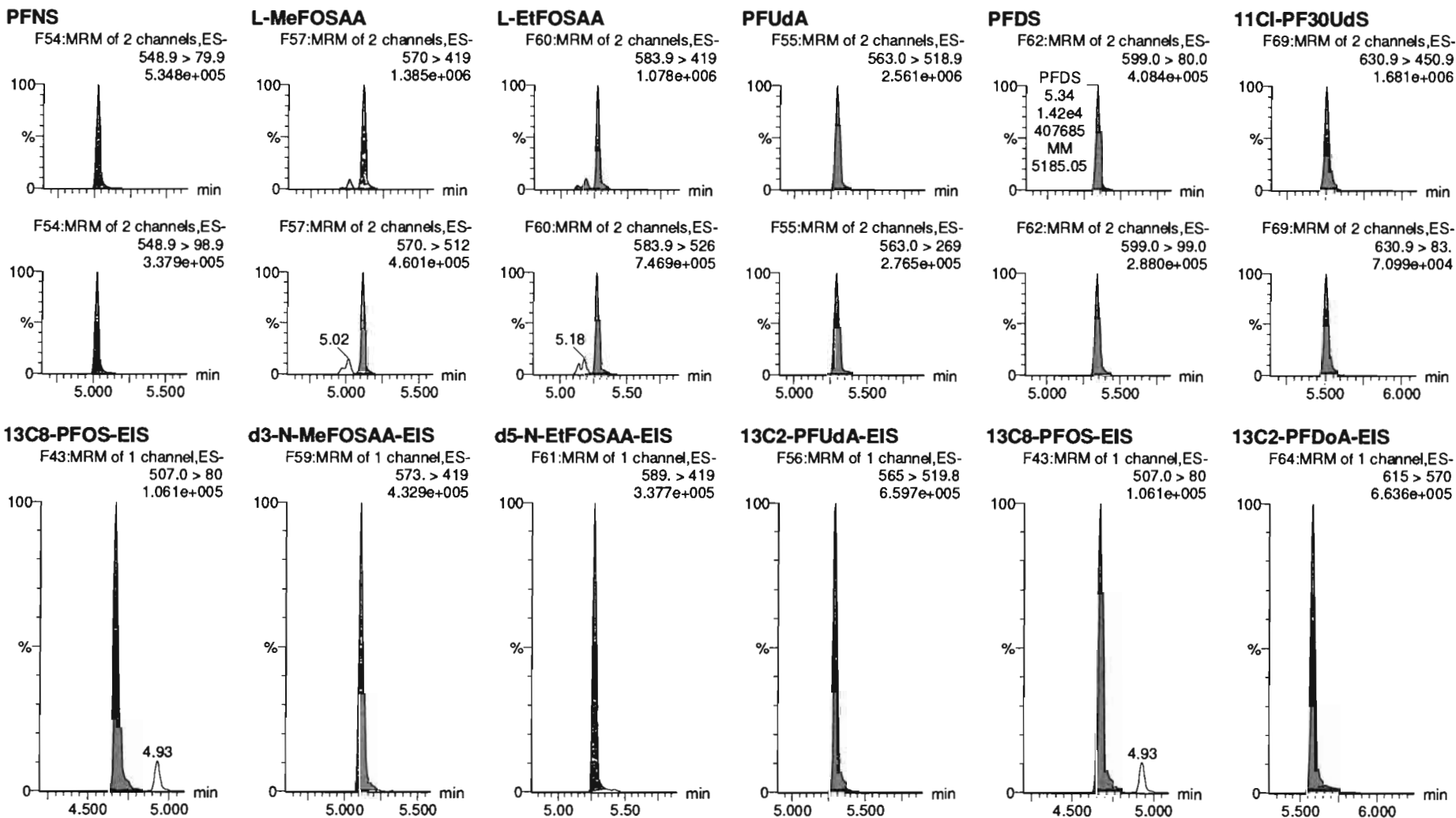


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Name: 200716M1_9, Date: 16-Jul-2020, Time: 16:40:22, ID: ST200716M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

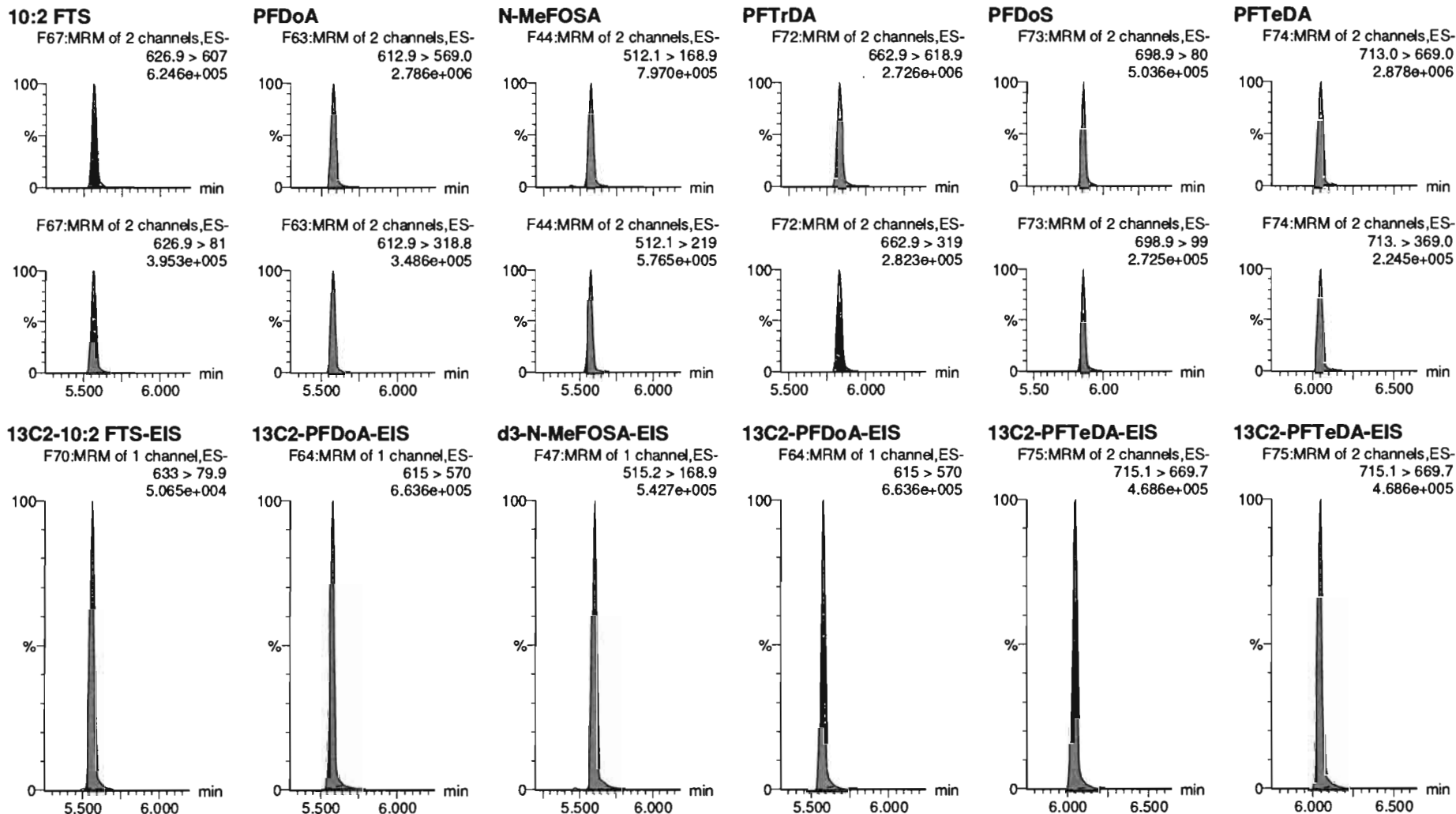


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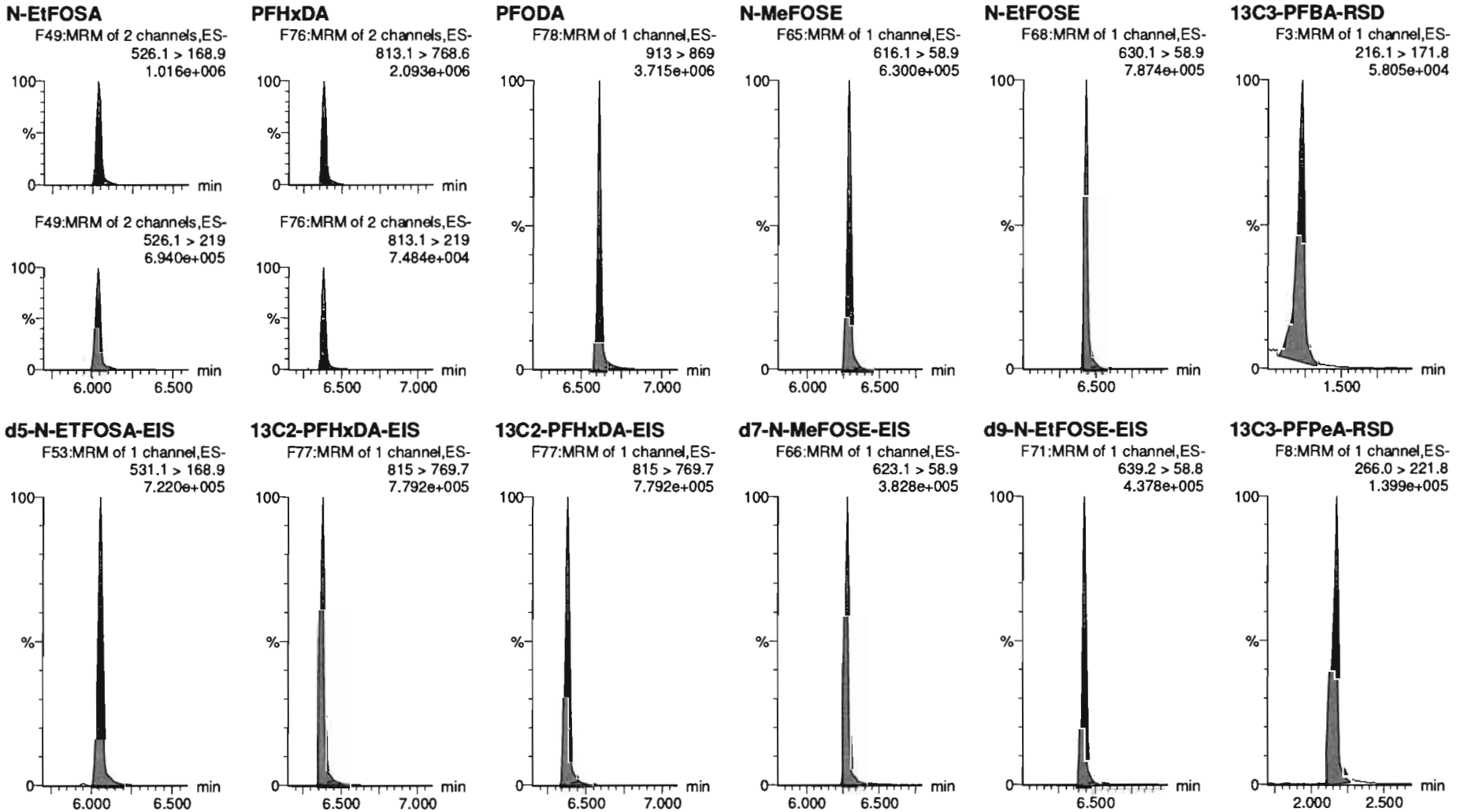
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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_9, Date: 16-Jul-2020, Time: 16:40:22, ID: ST200716M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

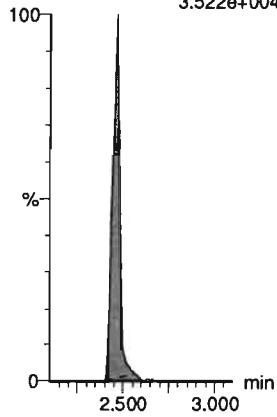
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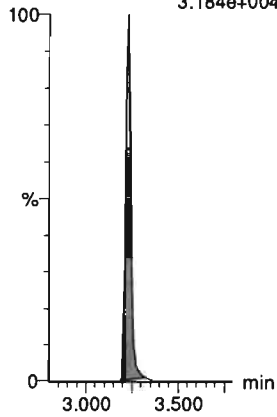
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.522e+004



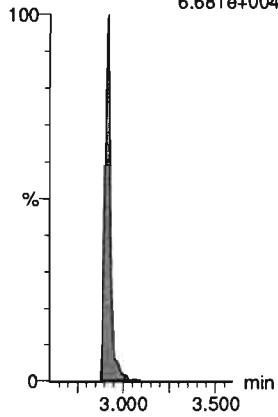
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.184e+004



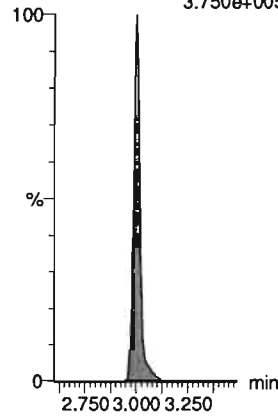
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
6.681e+004



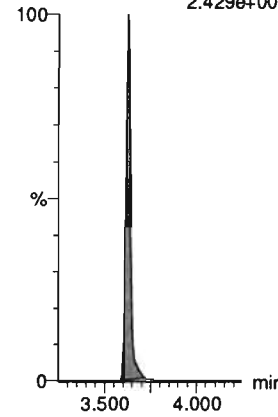
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.750e+005



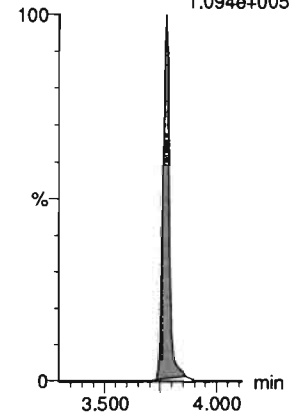
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.429e+005



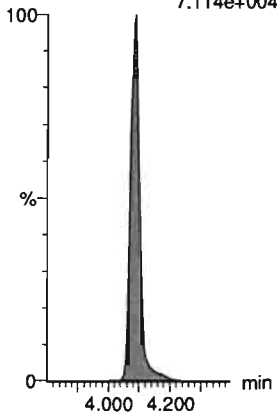
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.094e+005



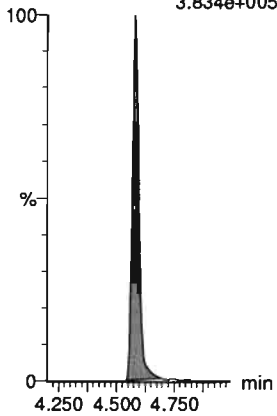
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
7.114e+004



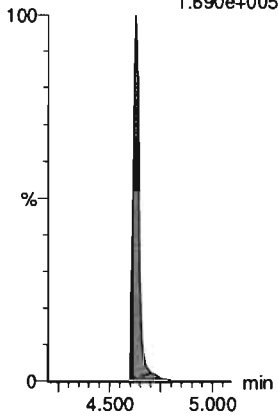
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
3.834e+005



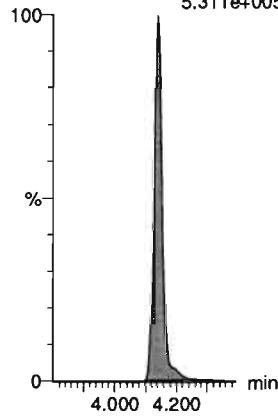
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.690e+005



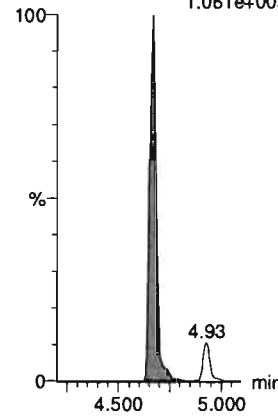
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.311e+005



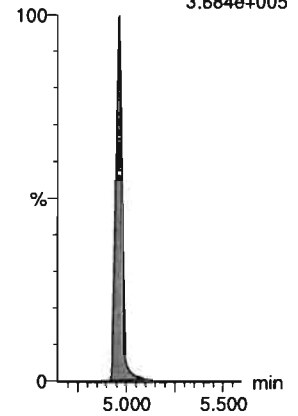
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.061e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
3.684e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qtd

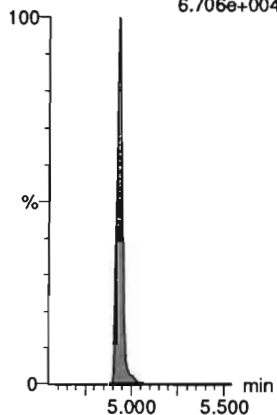
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Name: 200716M1_9, Date: 16-Jul-2020, Time: 16:40:22, ID: ST200716M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

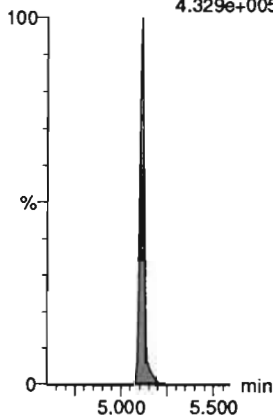
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.706e+004



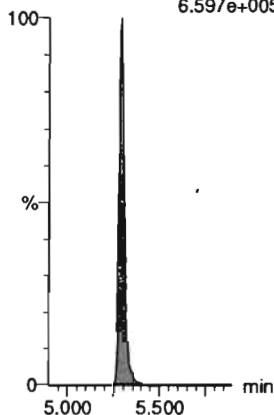
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.329e+005



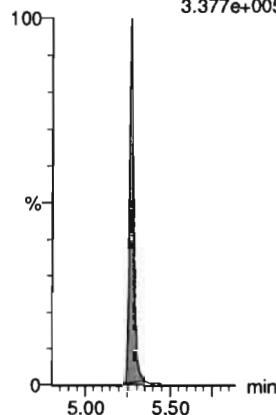
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.597e+005



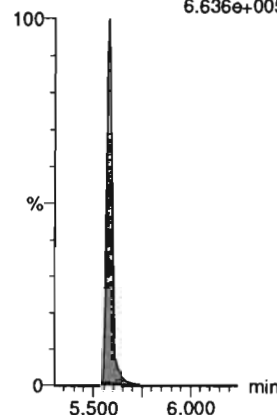
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.377e+005



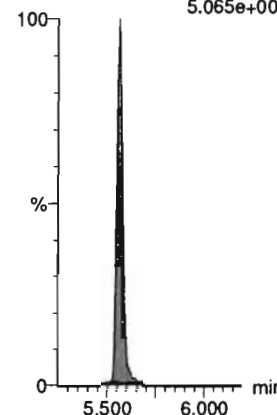
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
6.636e+005



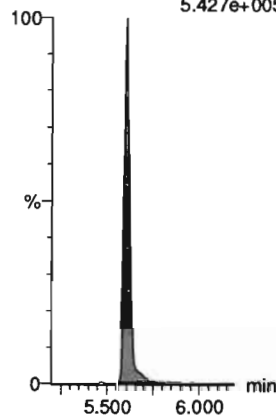
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
5.065e+004



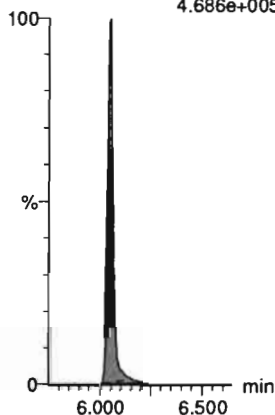
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.427e+005



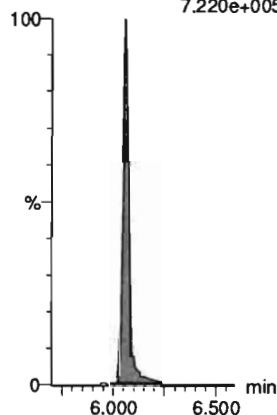
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.686e+005



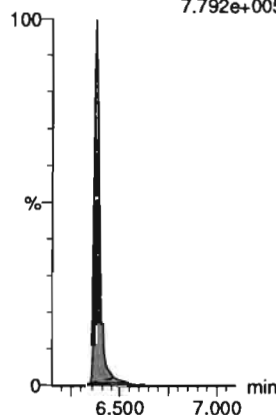
d5-N-EtFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.220e+005



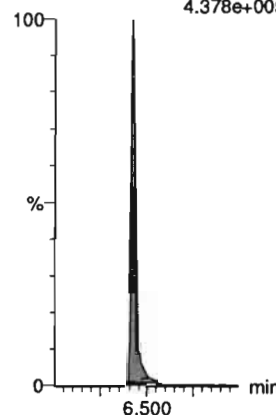
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.792e+005



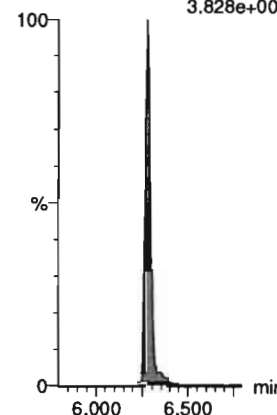
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.378e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.828e+005



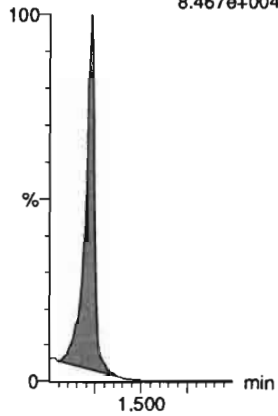
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Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time
Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_9, Date: 16-Jul-2020, Time: 16:40:22, ID: ST200716M1-7 PFC CS4 20F1907, Description: PFC CS4 20F1907

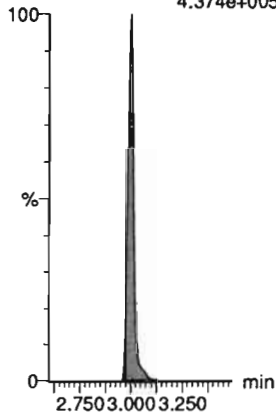
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
8.467e+004



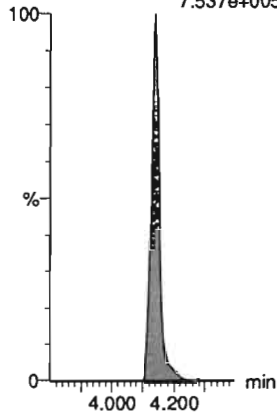
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.374e+005



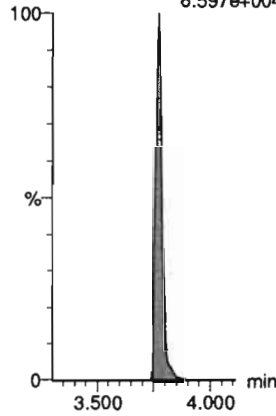
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.537e+005



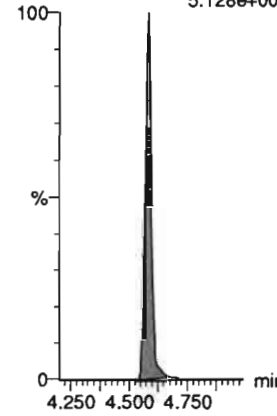
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
6.597e+004



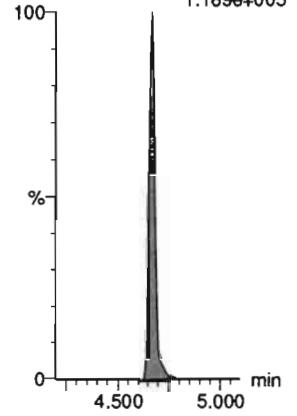
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
5.128e+005



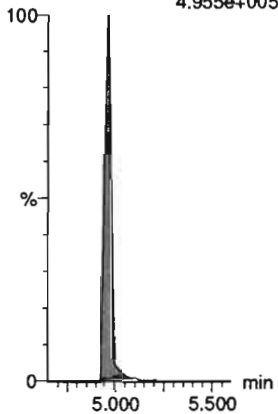
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.169e+005



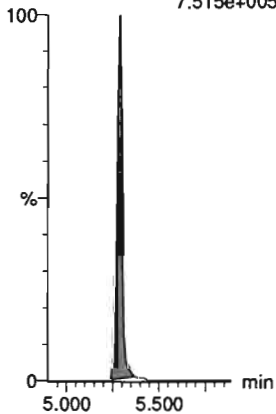
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
4.955e+005



13C7-PFUDa

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.515e+005

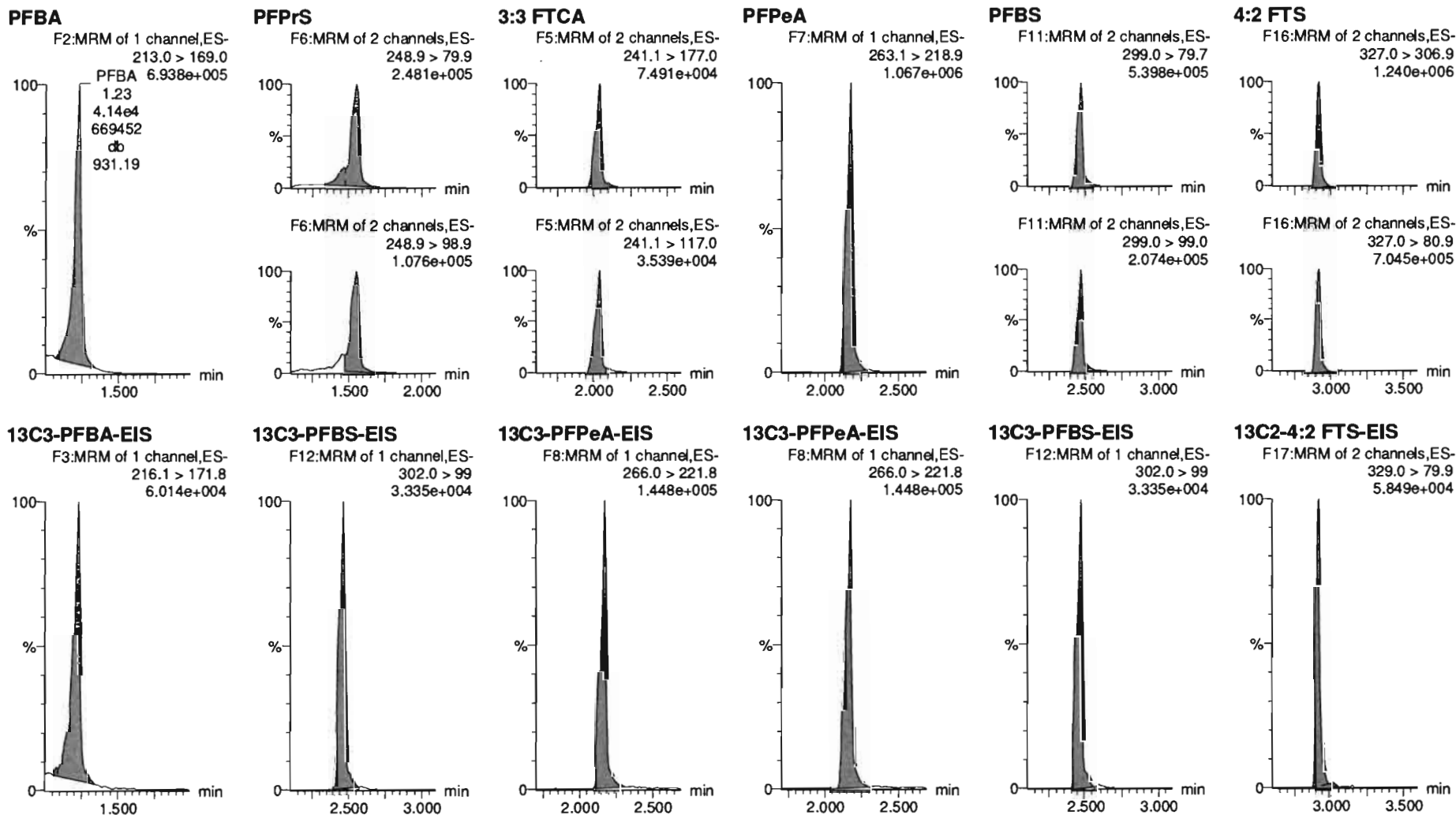


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_10, Date: 16-Jul-2020, Time: 16:50:44, ID: ST200716M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

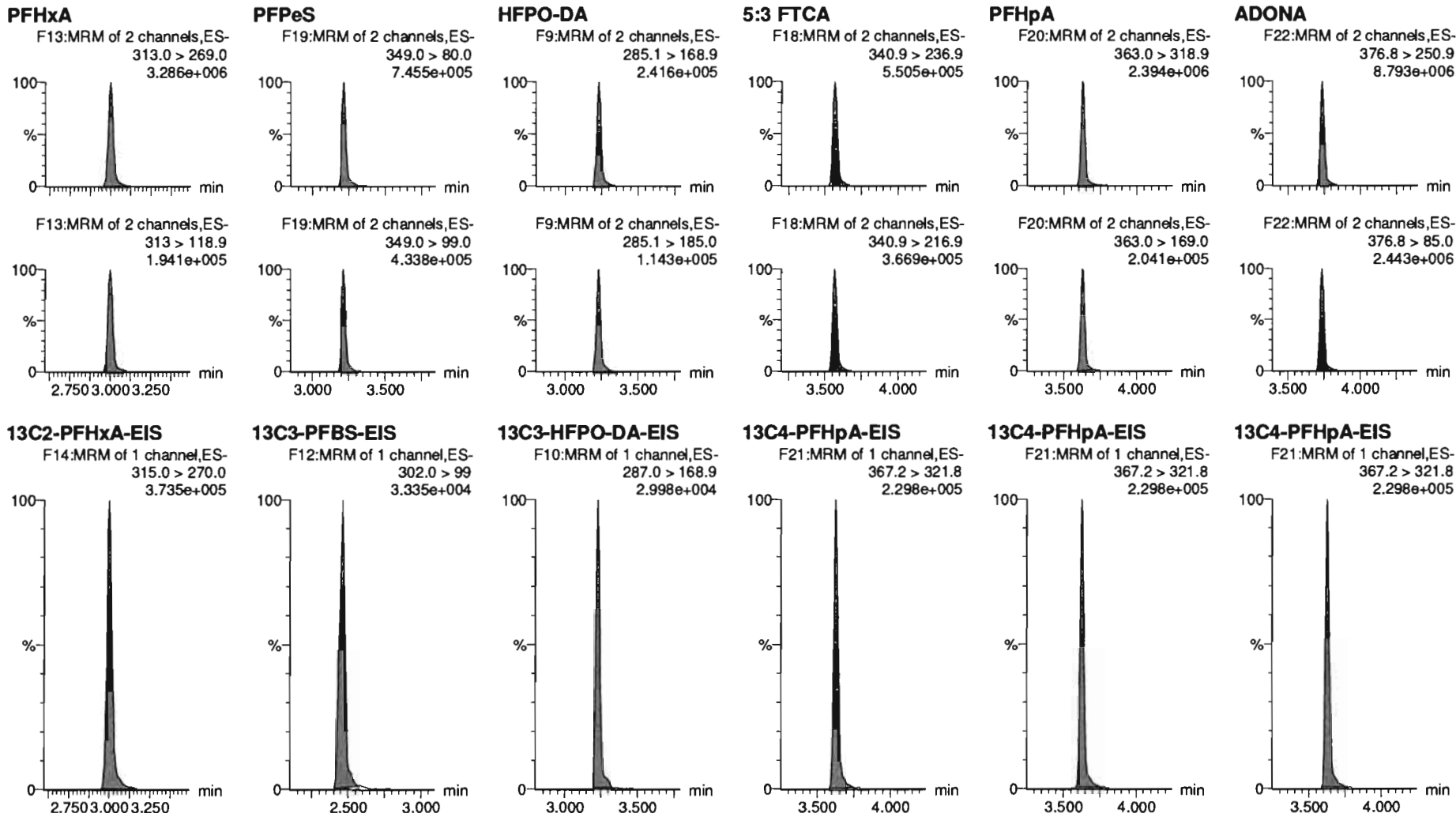


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Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_10, Date: 16-Jul-2020, Time: 16:50:44, ID: ST200716M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

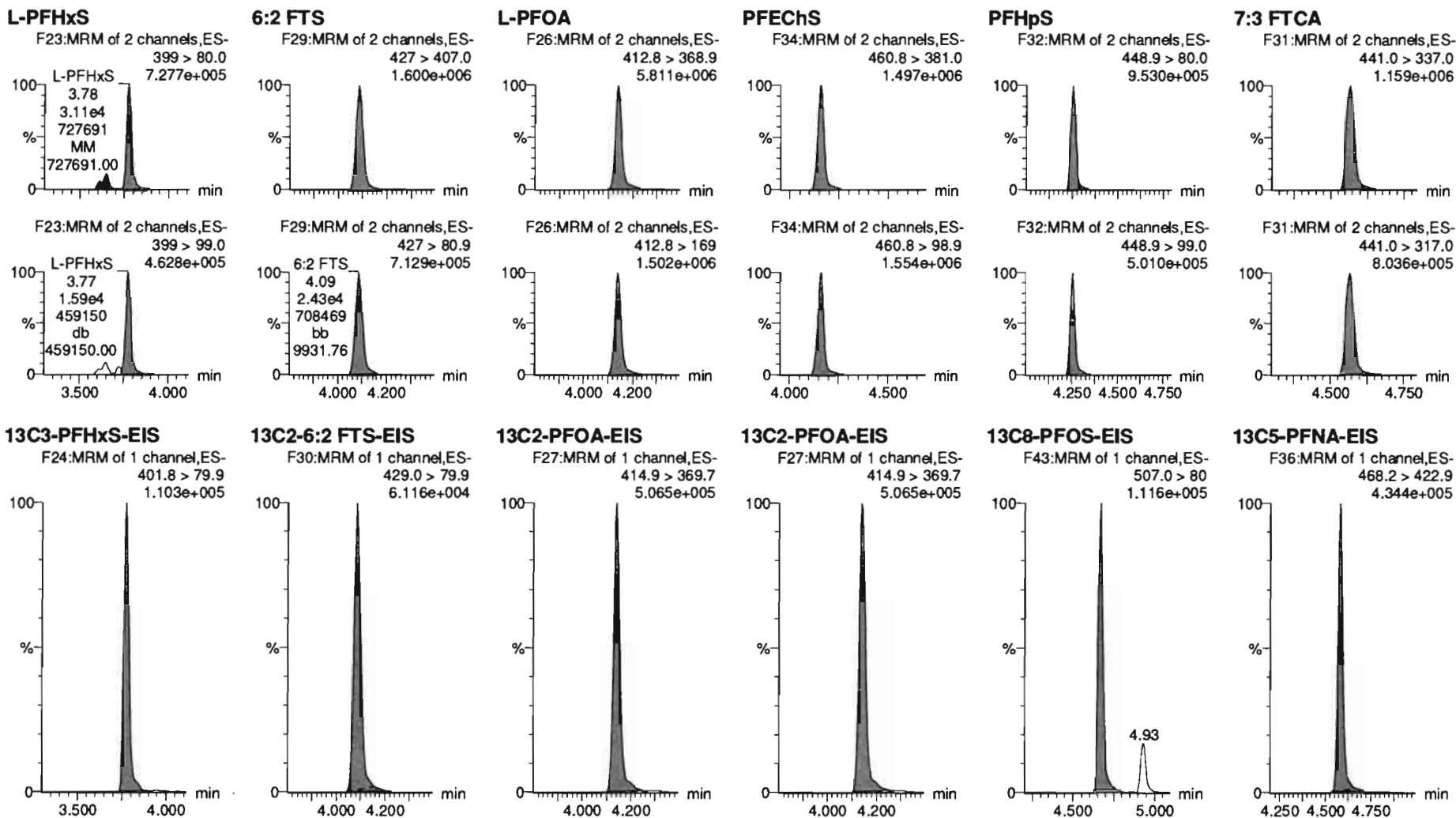


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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

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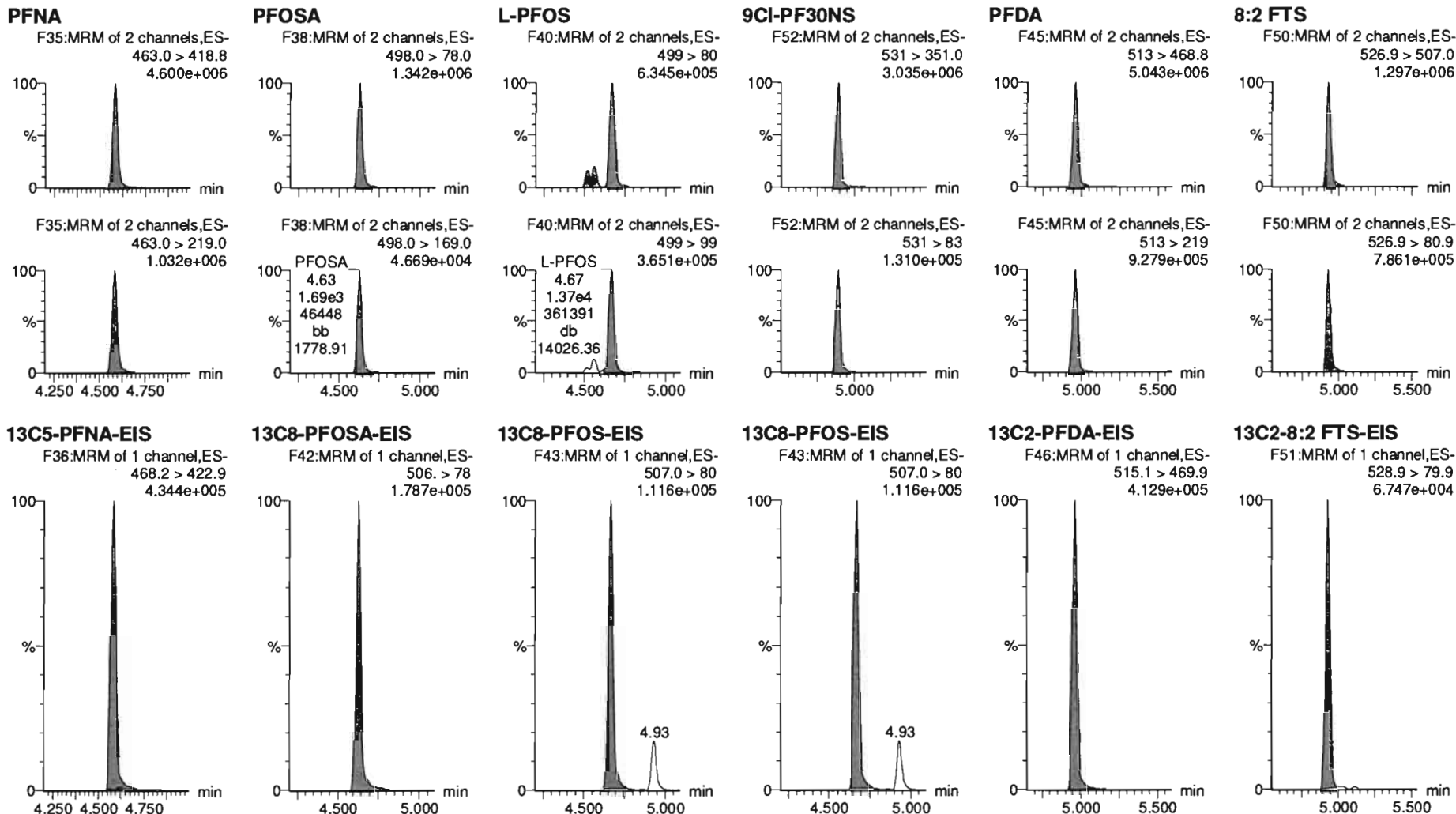


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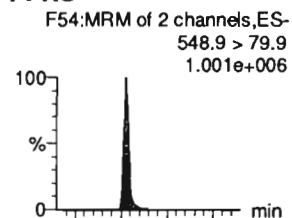
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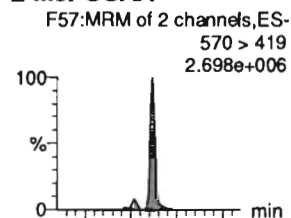
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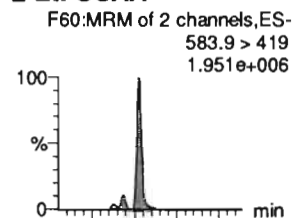
PFNS



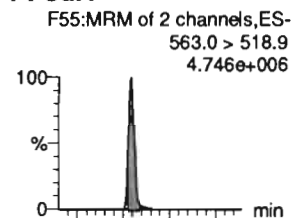
L-MeFOSAA



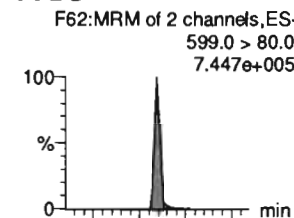
L-EtFOSAA



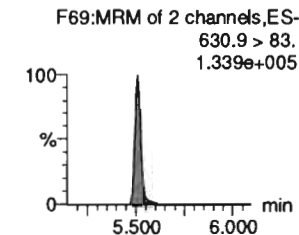
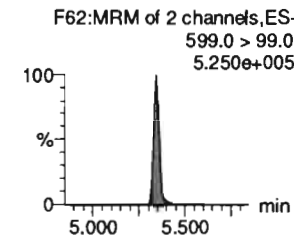
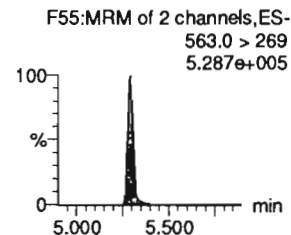
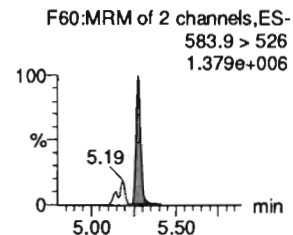
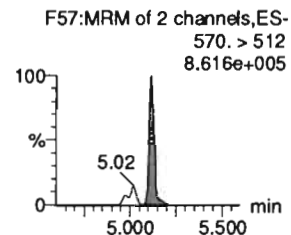
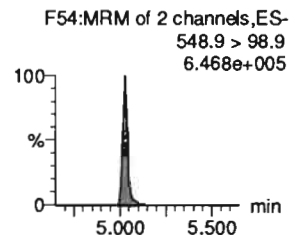
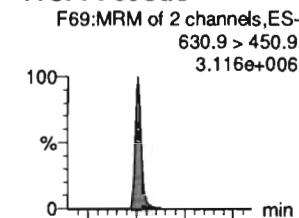
PFUdA



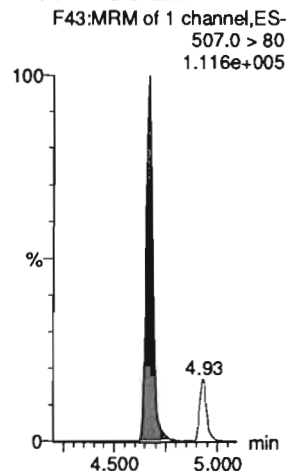
PFDS



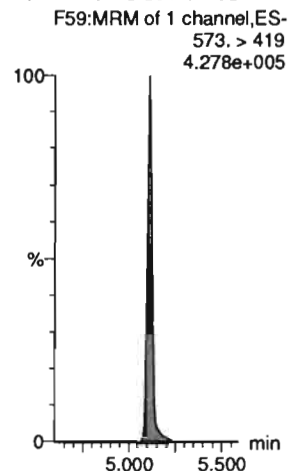
11Cl-PF30UdS



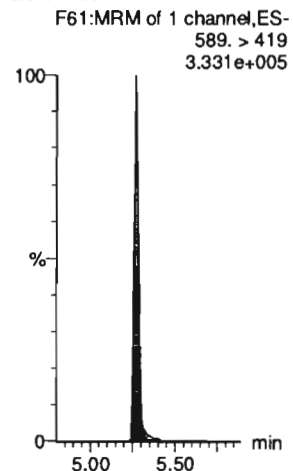
13C8-PFOS-EIS



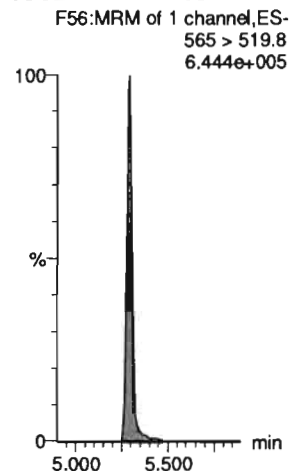
d3-N-MeFOSAA-EIS



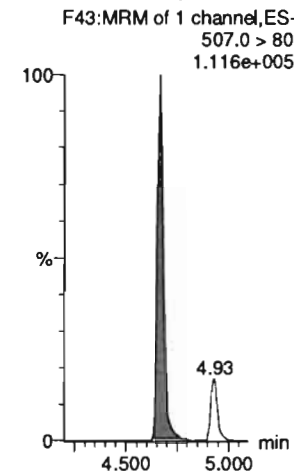
d5-N-EtFOSAA-EIS



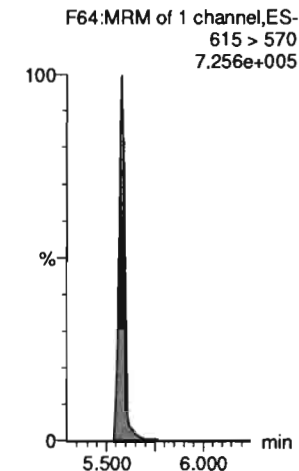
13C2-PFUdA-EIS



13C8-PFOS-EIS



13C2-PFDoA-EIS

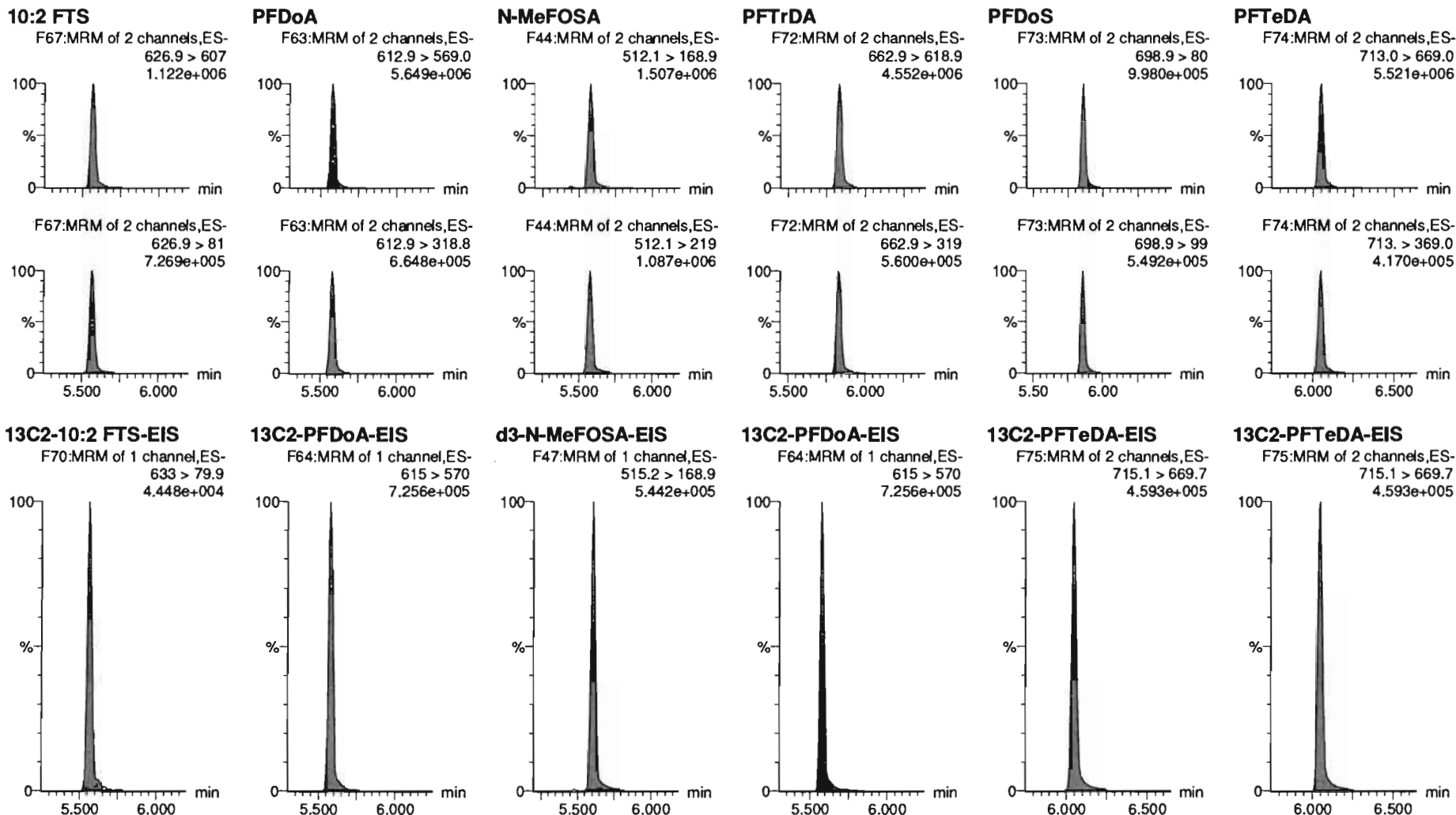


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_10, Date: 16-Jul-2020, Time: 16:50:44, ID: ST200716M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

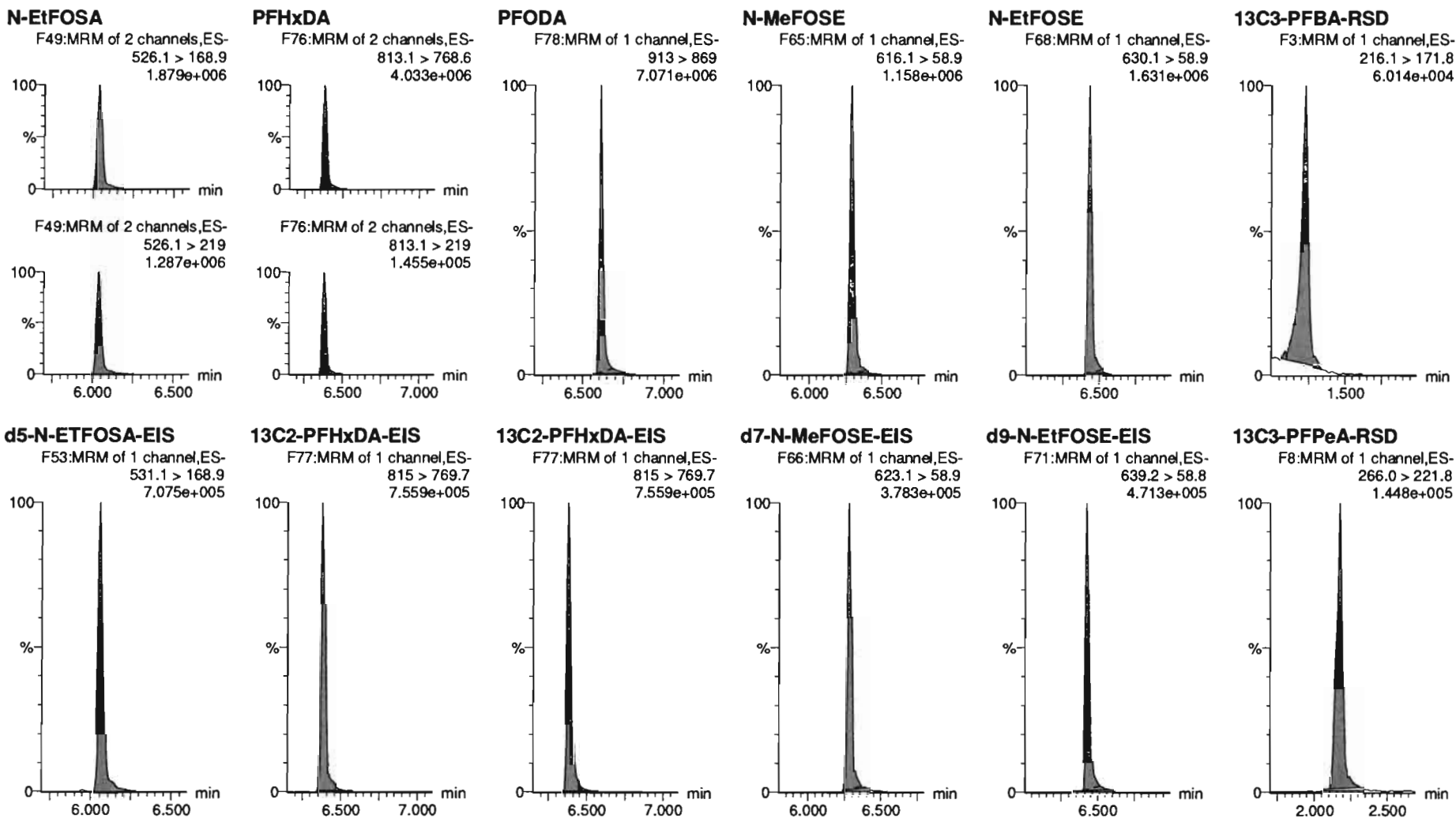


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Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_10, Date: 16-Jul-2020, Time: 16:50:44, ID: ST200716M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

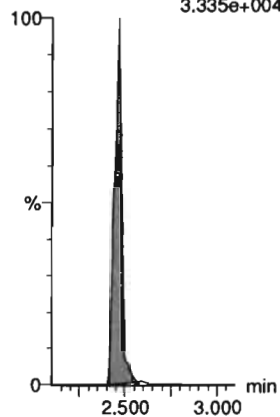
Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

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Name: 200716M1_10, Date: 16-Jul-2020, Time: 16:50:44, ID: ST200716M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

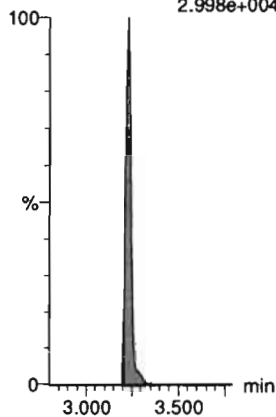
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.335e+004



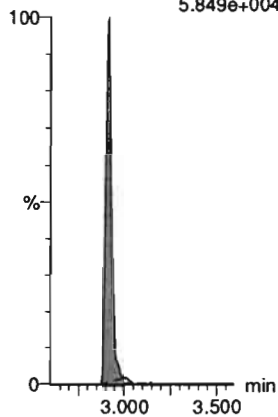
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
2.998e+004



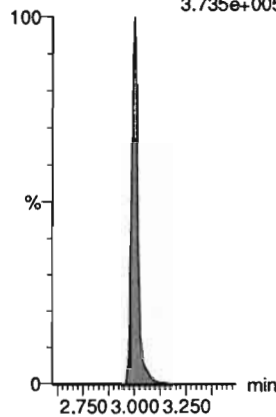
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
5.849e+004



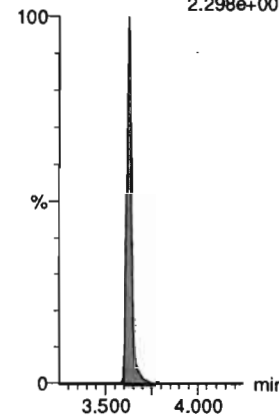
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.735e+005



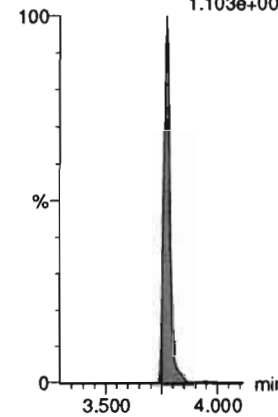
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.298e+005



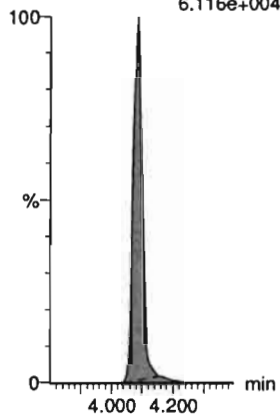
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
1.103e+005



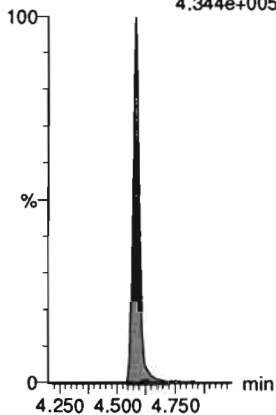
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
6.116e+004



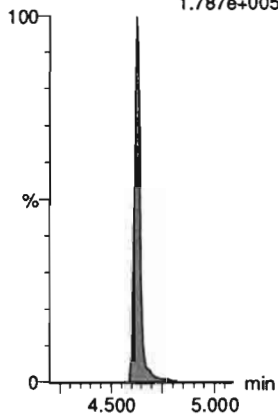
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.344e+005



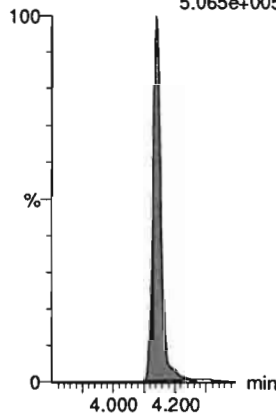
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.787e+005



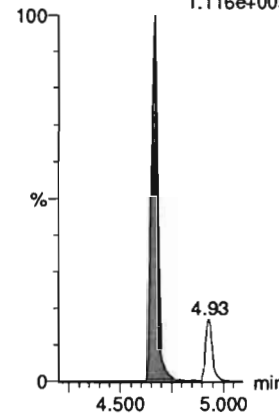
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
5.065e+005



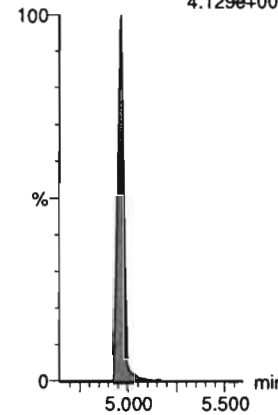
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
1.116e+005



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
4.129e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

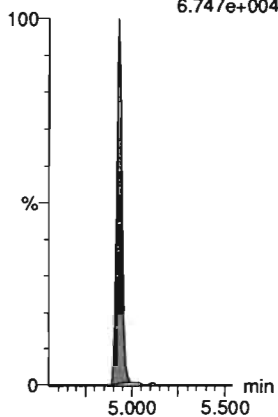
Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_10, Date: 16-Jul-2020, Time: 16:50:44, ID: ST200716M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

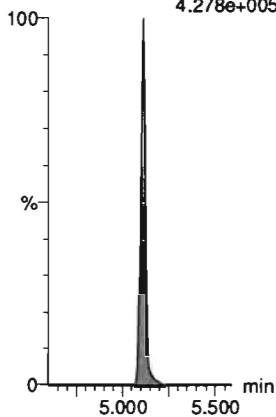
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.747e+004



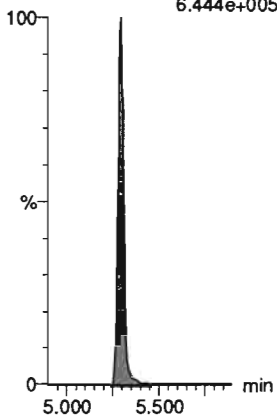
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.278e+005



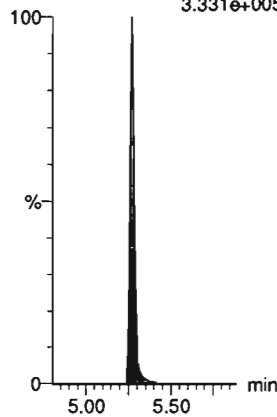
13C2-PFUdA-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.444e+005



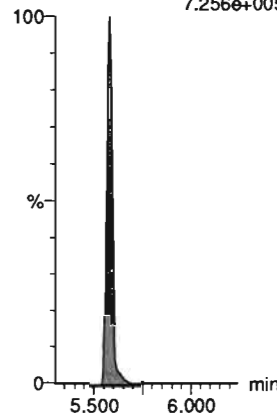
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.331e+005



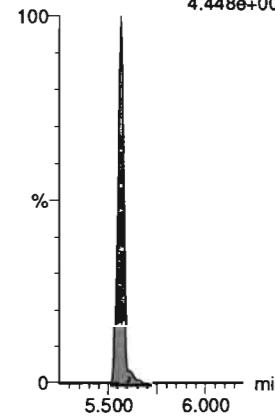
13C2-PFD0A-RSD

F64:MRM of 1 channel,ES-
615 > 570
7.256e+005



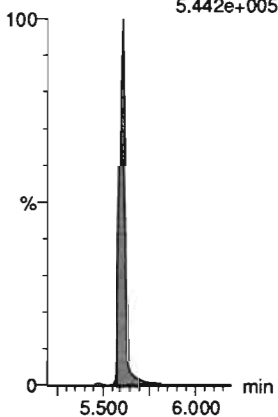
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.448e+004



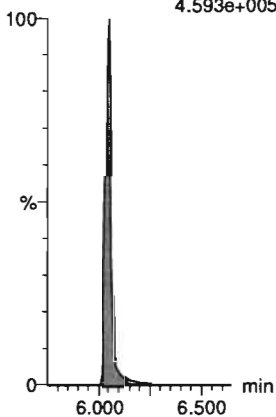
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.442e+005



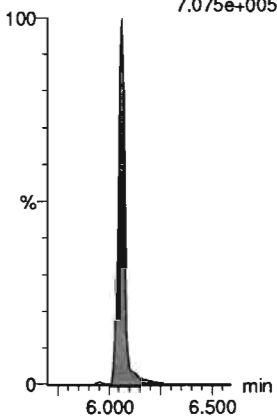
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.593e+005



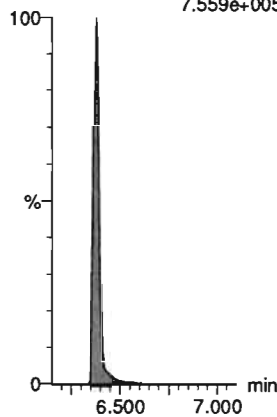
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.075e+005



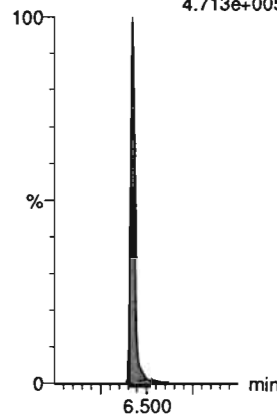
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.559e+005



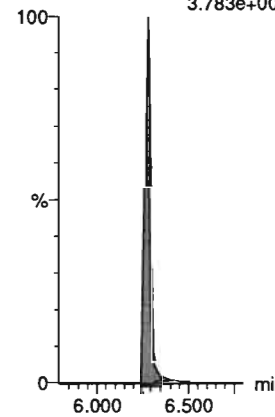
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.713e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.783e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

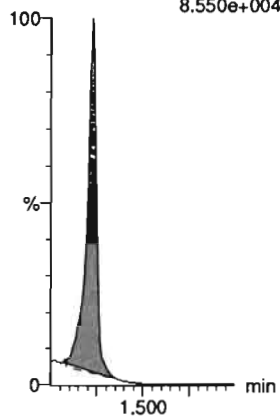
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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_10, Date: 16-Jul-2020, Time: 16:50:44, ID: ST200716M1-8 PFC CS5 20F1908, Description: PFC CS5 20F1908

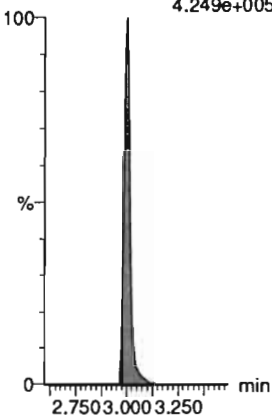
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
8.550e+004



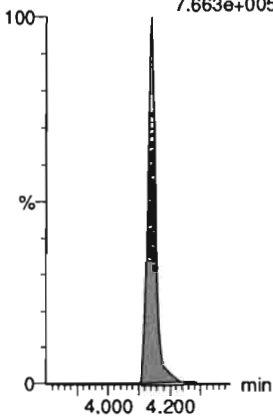
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.249e+005



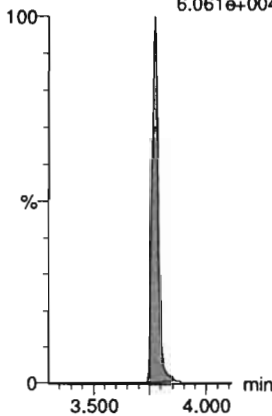
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.663e+005



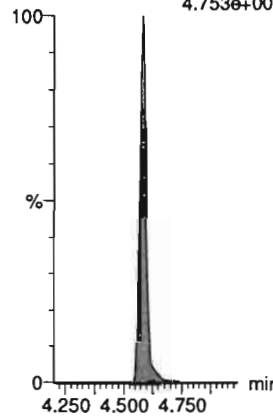
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
6.061e+004



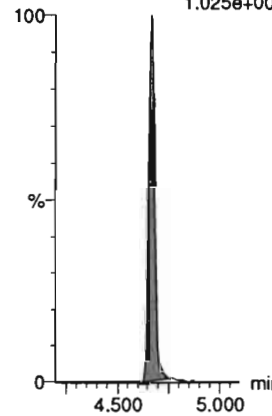
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
4.753e+005



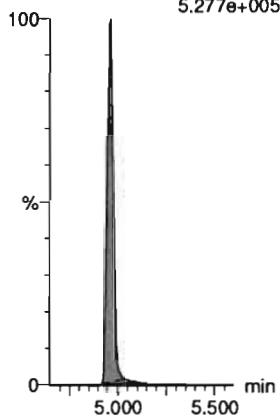
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.025e+005



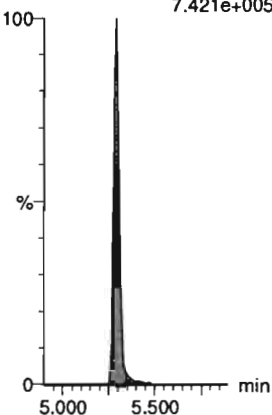
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.277e+005



13C7-PFUDA

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.421e+005



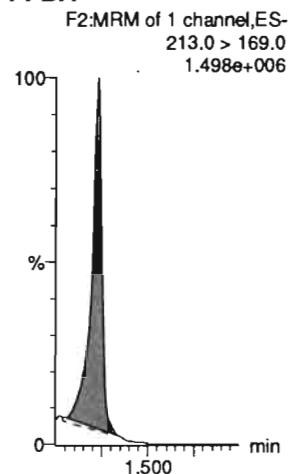
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Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

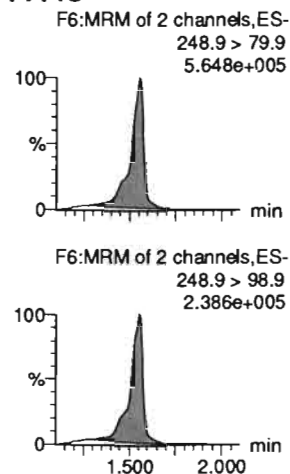
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Name: 200716M1_11, Date: 16-Jul-2020, Time: 17:01:06, ID: ST200716M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

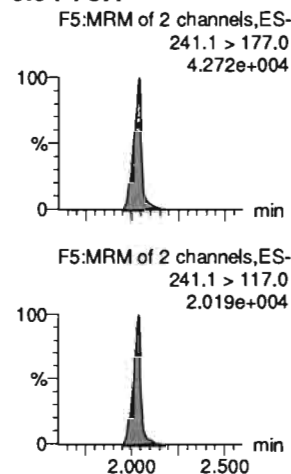
PFBA



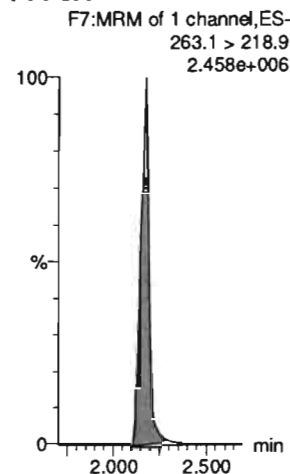
PFPrS



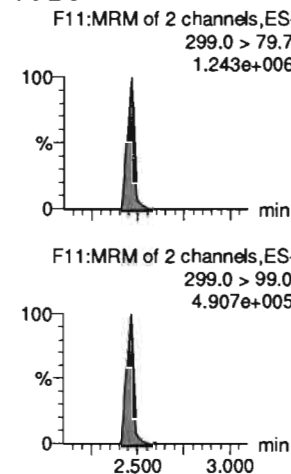
3:3 FTCA



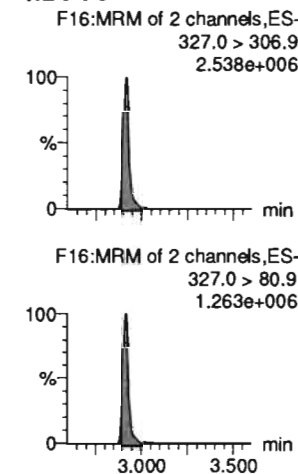
PFPeA



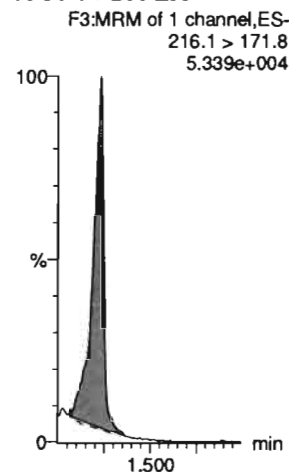
PFBS



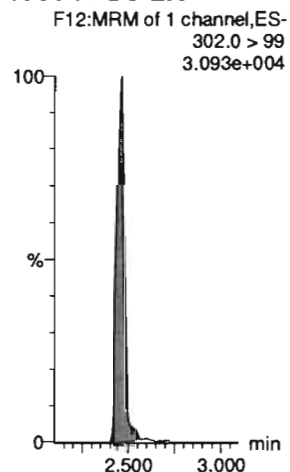
4:2 FTS



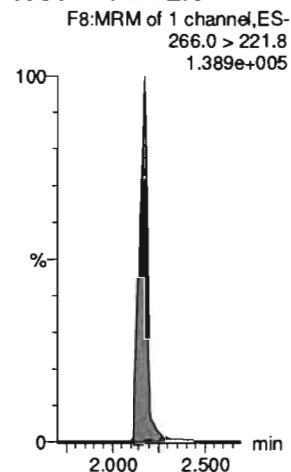
13C3-PFBA-EIS



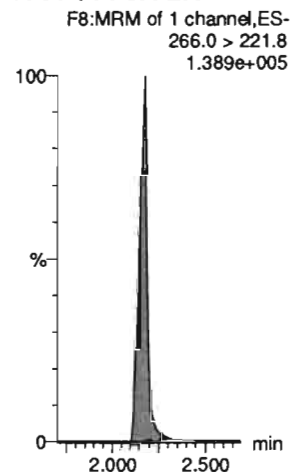
13C3-PFBS-EIS



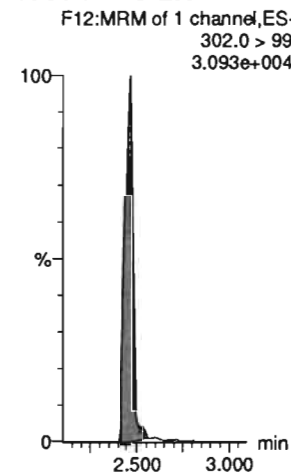
13C3-PFPeA-EIS



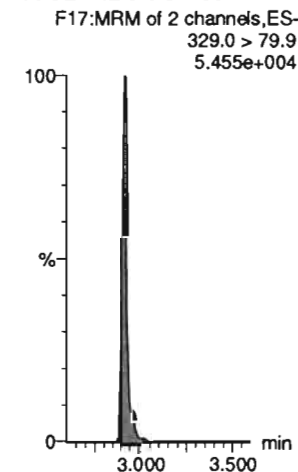
13C3-PFPeA-EIS



13C3-PFBS-EIS



13C2-4:2 FTS-EIS



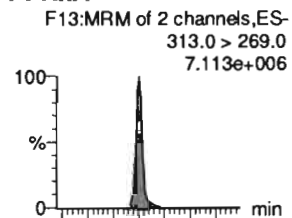
Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

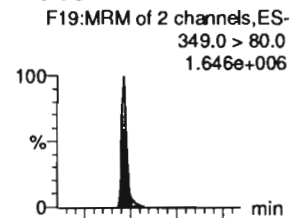
Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_11, Date: 16-Jul-2020, Time: 17:01:06, ID: ST200716M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

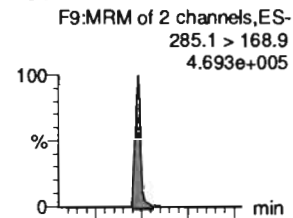
PFHxA



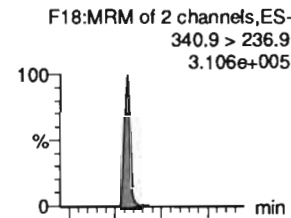
PFPeS



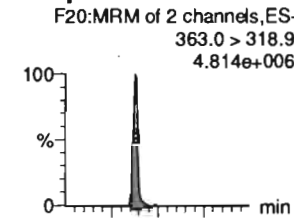
HFPO-DA



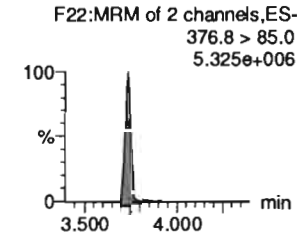
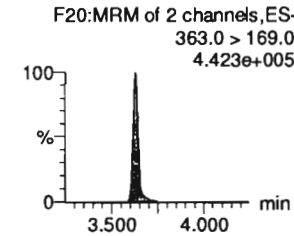
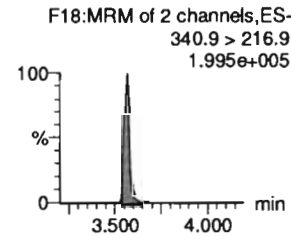
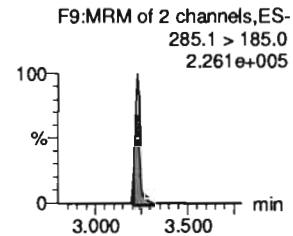
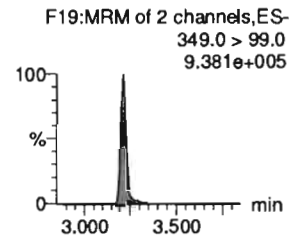
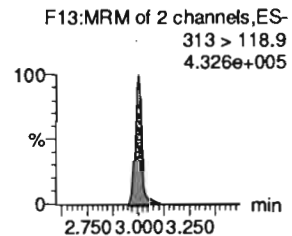
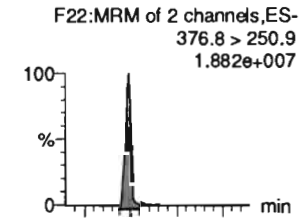
5:3 FTCA



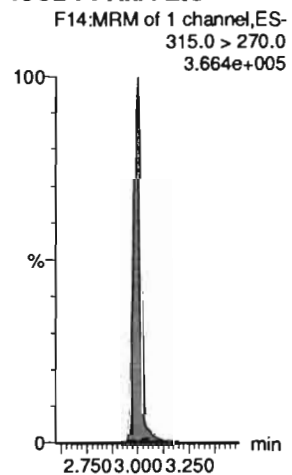
PFHpA



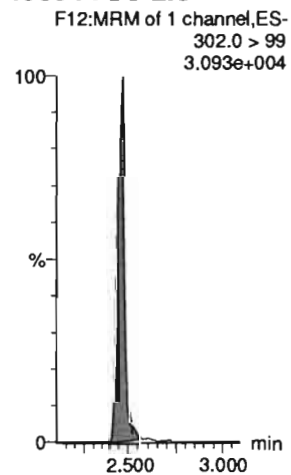
ADONA



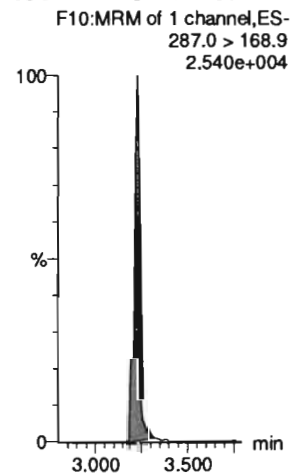
13C2-PFHxA-EIS



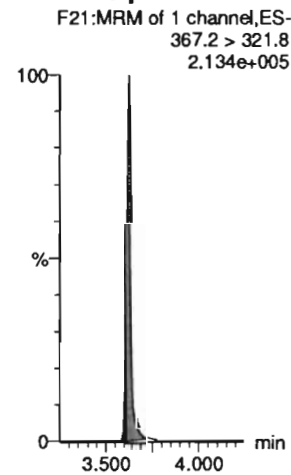
13C3-PFBS-EIS



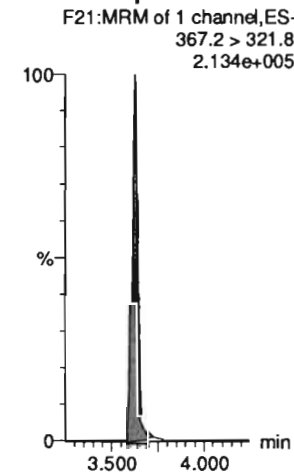
13C3-HFPO-DA-EIS



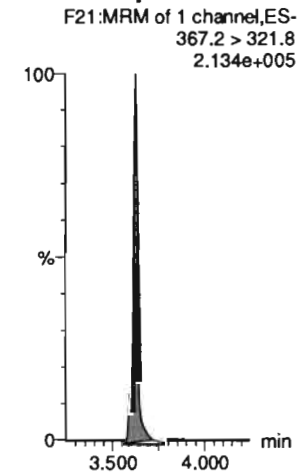
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

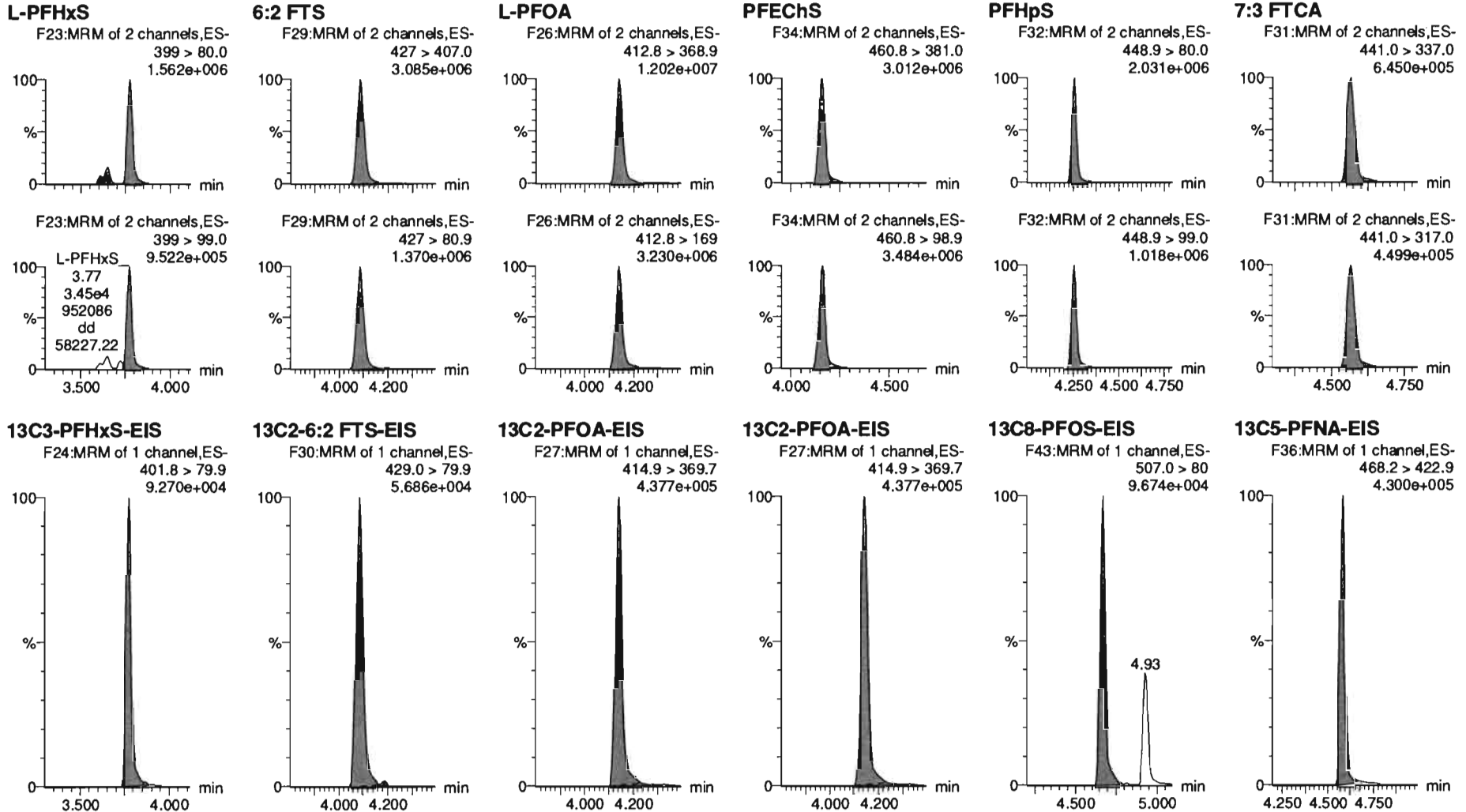


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_11, Date: 16-Jul-2020, Time: 17:01:06, ID: ST200716M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

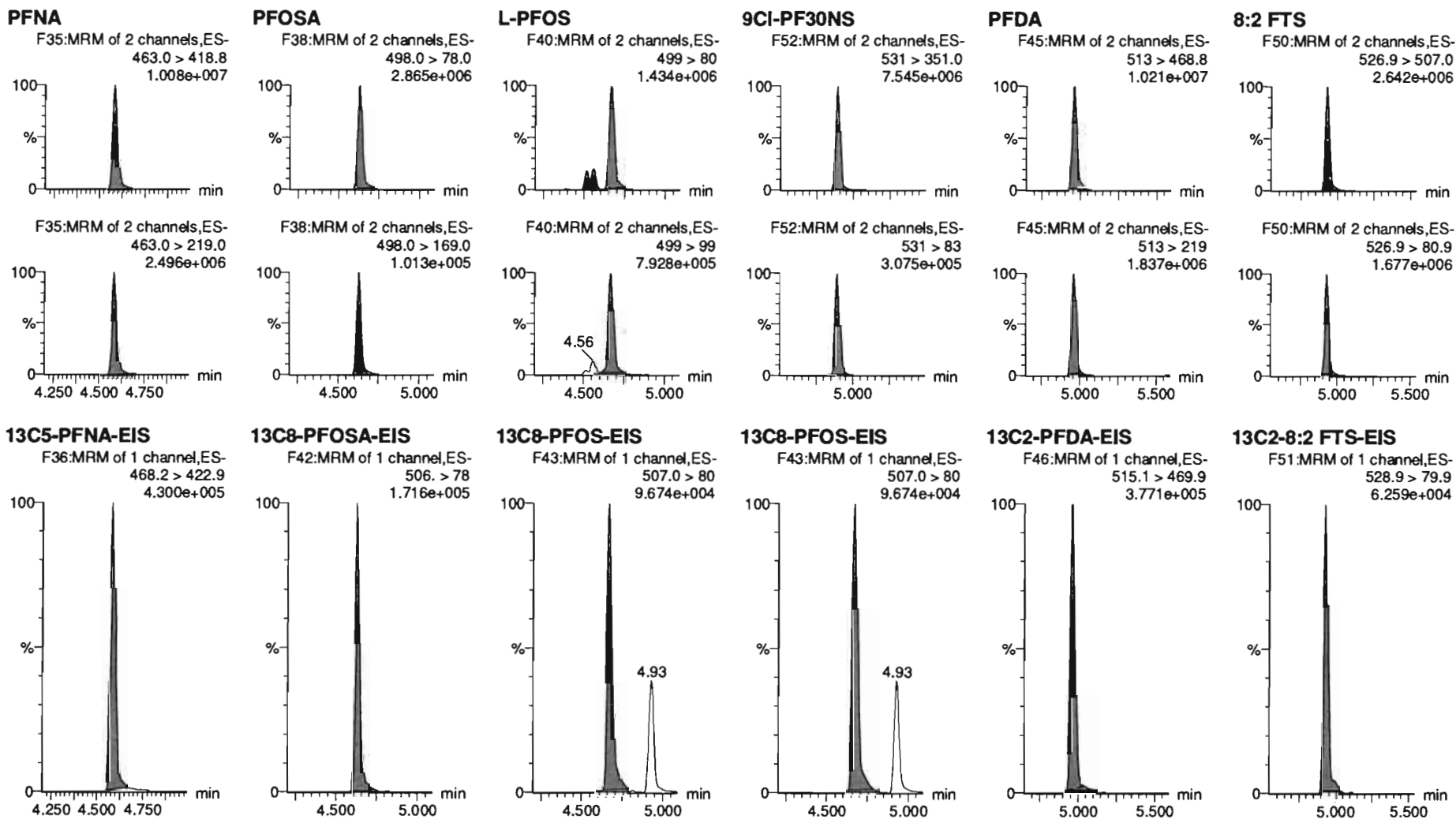


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_11, Date: 16-Jul-2020, Time: 17:01:06, ID: ST200716M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

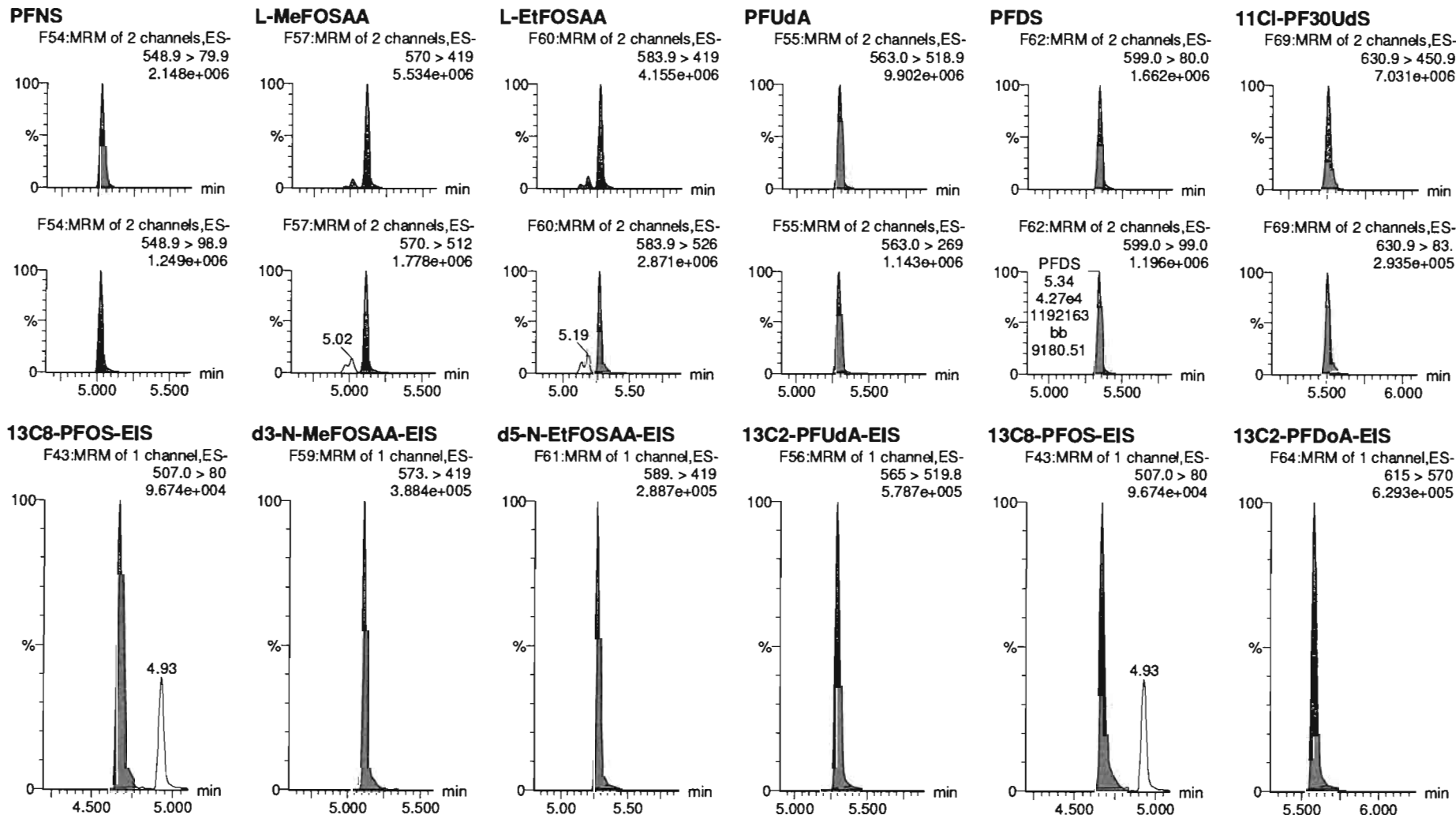


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_11, Date: 16-Jul-2020, Time: 17:01:06, ID: ST200716M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

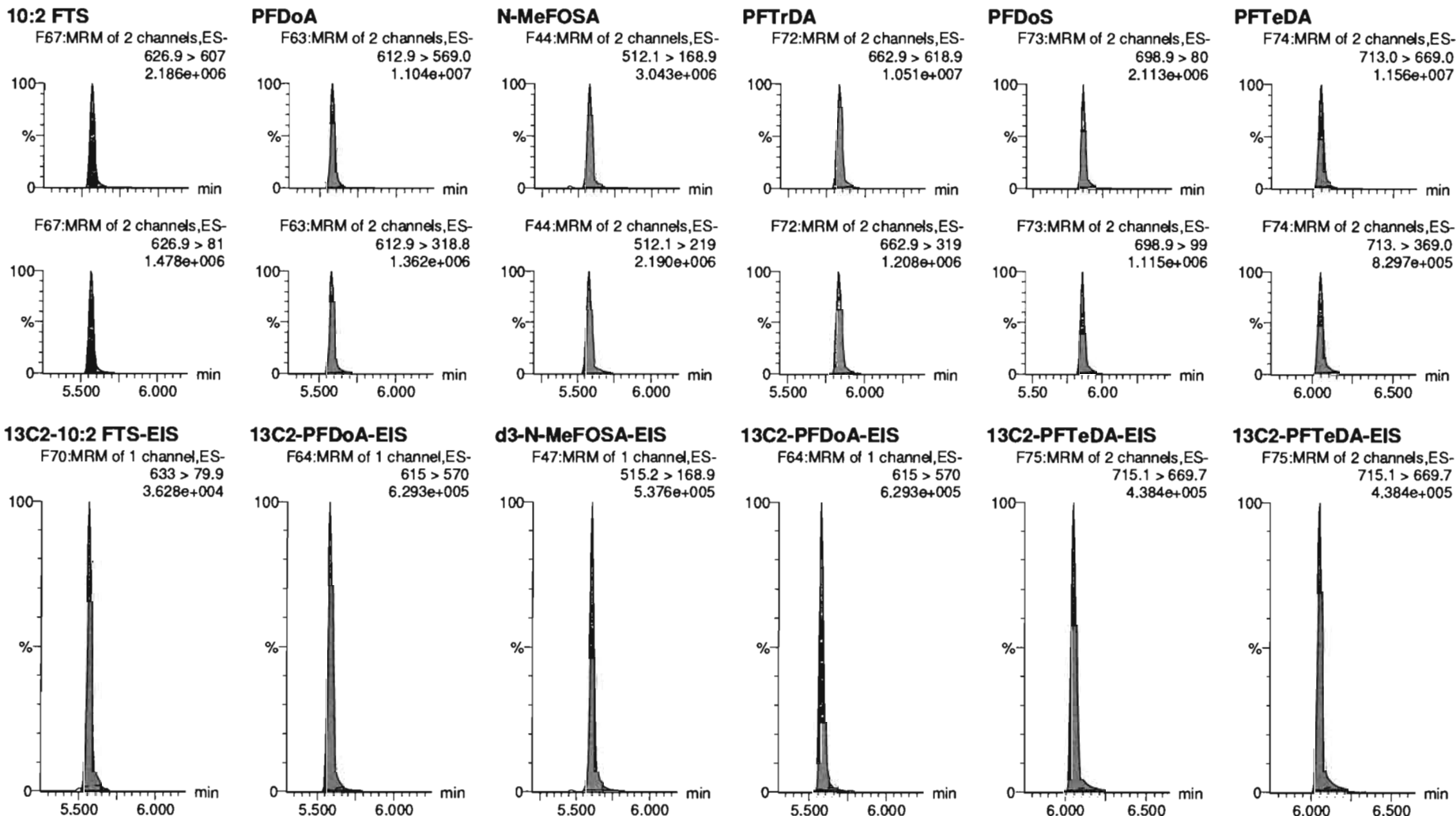


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_11, Date: 16-Jul-2020, Time: 17:01:06, ID: ST200716M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

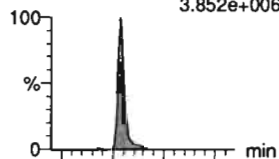
Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

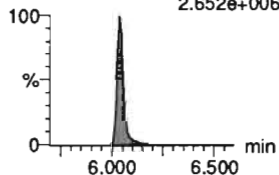
Name: 200716M1_11, Date: 16-Jul-2020, Time: 17:01:06, ID: ST200716M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

N-EtFOSA

F49:MRM of 2 channels,ES-
526.1 > 168.9
3.852e+006

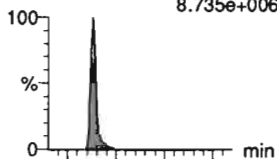


F49:MRM of 2 channels,ES-
526.1 > 219
2.652e+006

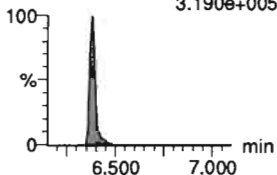


PFHxDA

F76:MRM of 2 channels,ES-
813.1 > 768.6
8.735e+006

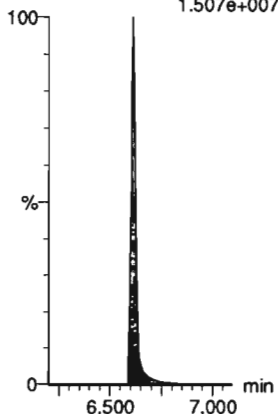


F76:MRM of 2 channels,ES-
813.1 > 219
3.190e+005



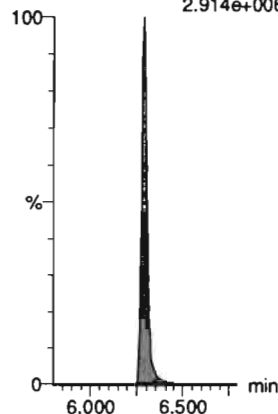
PFODA

F78:MRM of 1 channel,ES-
913 > 869
1.507e+007



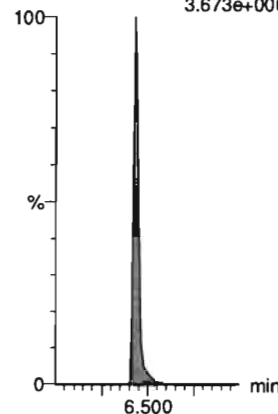
N-MeFOSE

F65:MRM of 1 channel,ES-
616.1 > 58.9
2.914e+006



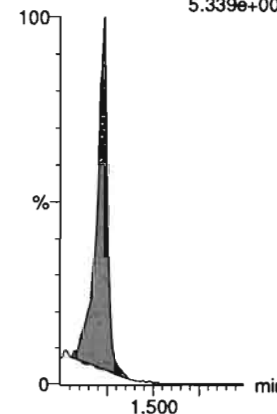
N-EtFOSE

F68:MRM of 1 channel,ES-
630.1 > 58.9
3.673e+006



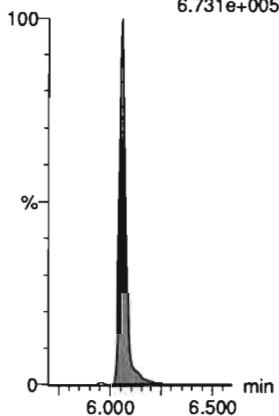
13C3-PFBA-RSD

F3:MRM of 1 channel,ES-
216.1 > 171.8
5.339e+004



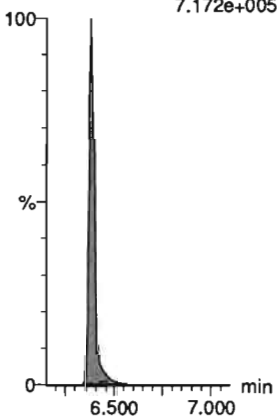
d5-N-ETFOSA-EIS

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.731e+005



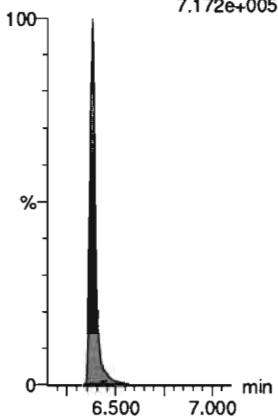
13C2-PFHxDA-EIS

F77:MRM of 1 channel,ES-
815 > 769.7
7.172e+005



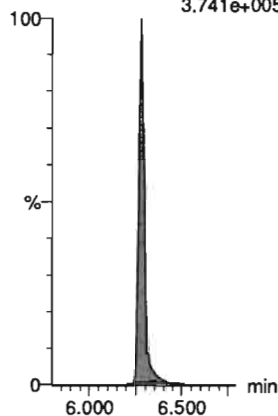
13C2-PFHxDA-EIS

F77:MRM of 1 channel,ES-
815 > 769.7
7.172e+005



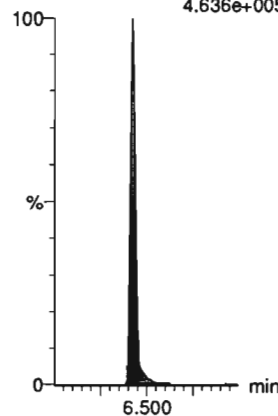
d7-N-MeFOSE-EIS

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.741e+005



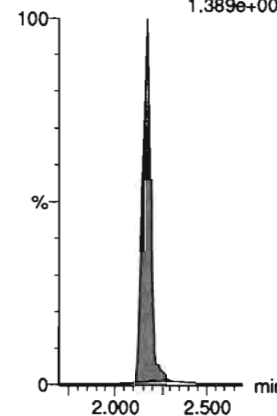
d9-N-EtFOSE-EIS

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.636e+005



13C3-PFPeA-RSD

F8:MRM of 1 channel,ES-
266.0 > 221.8
1.389e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

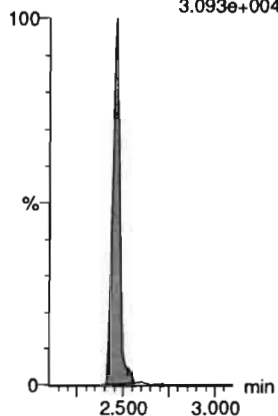
Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_11, Date: 16-Jul-2020, Time: 17:01:06, ID: ST200716M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

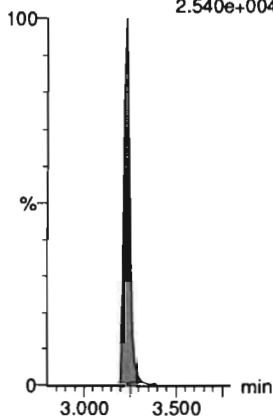
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
3.093e+004



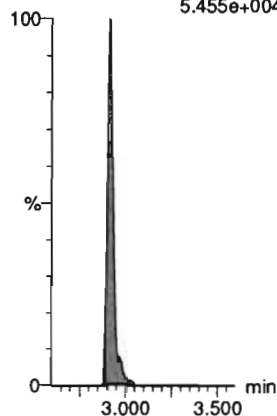
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
2.540e+004



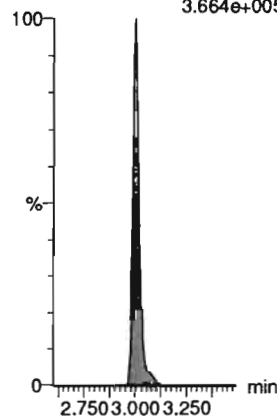
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
5.455e+004



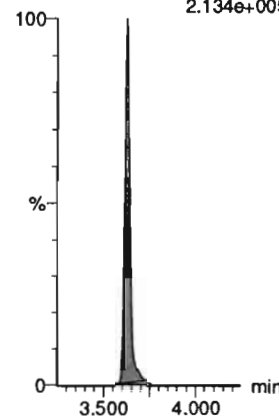
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.664e+005



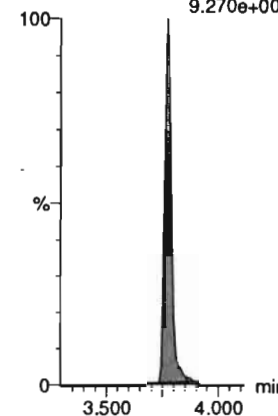
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.134e+005



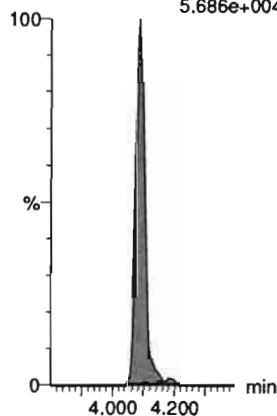
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
9.270e+004



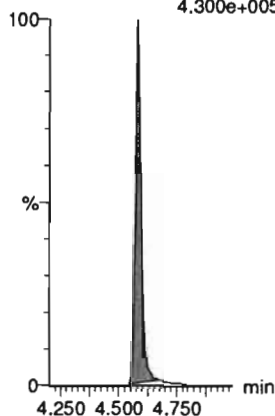
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
5.686e+004



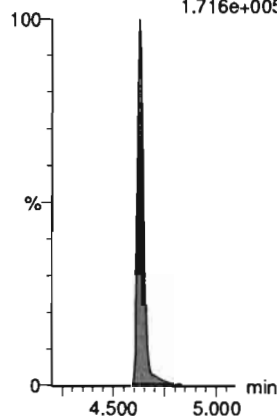
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
4.300e+005



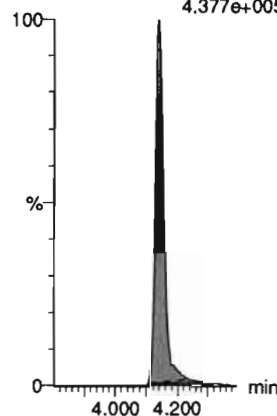
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.716e+005



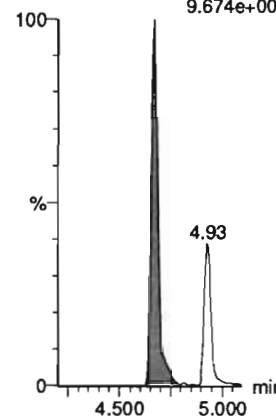
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
4.377e+005



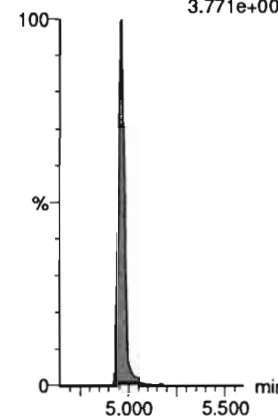
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
9.674e+004



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
3.771e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

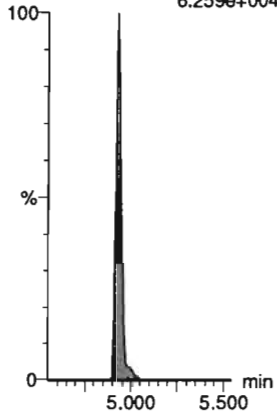
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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_11, Date: 16-Jul-2020, Time: 17:01:06, ID: ST200716M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

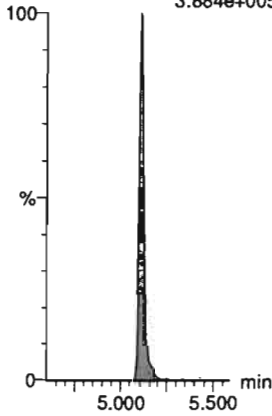
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.259e+004



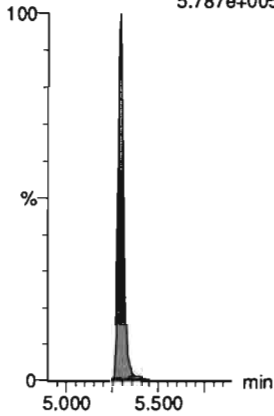
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
3.884e+005



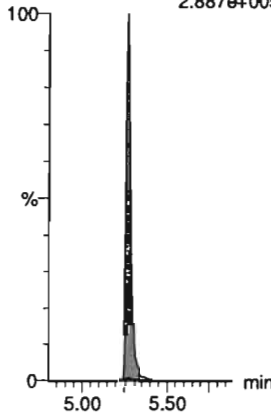
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
5.787e+005



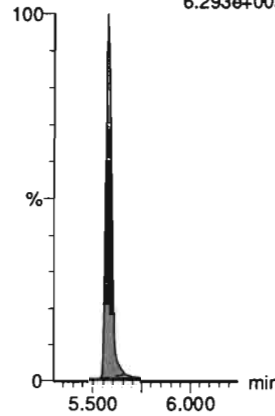
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
2.887e+005



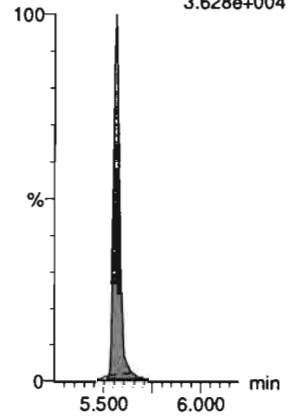
13C2-PFDaA-RSD

F64:MRM of 1 channel,ES-
615 > 570
6.293e+005



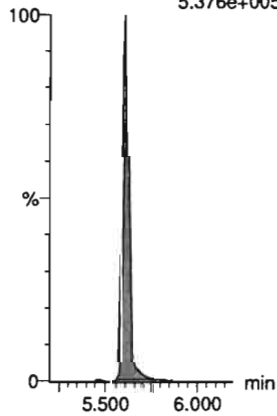
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
3.628e+004



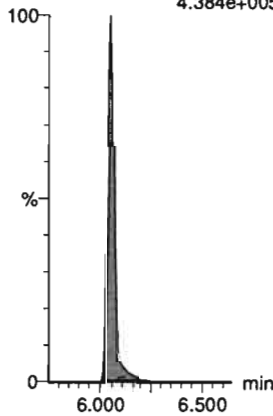
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.376e+005



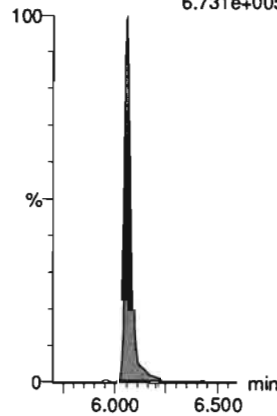
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.384e+005



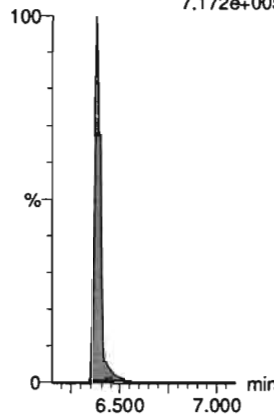
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.731e+005



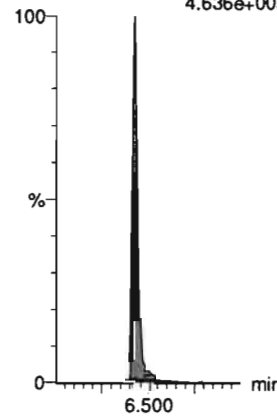
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.172e+005



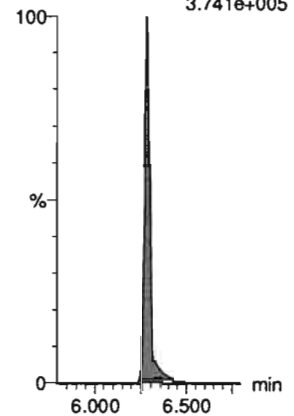
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.636e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.741e+005



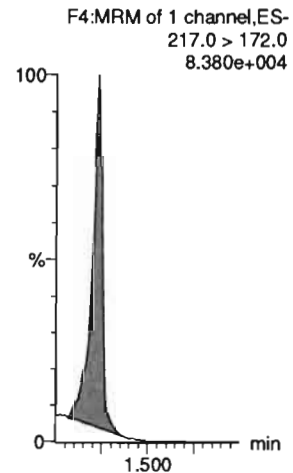
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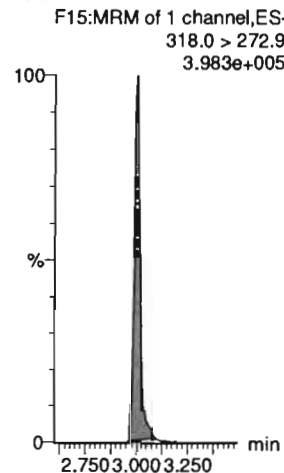
Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_11, Date: 16-Jul-2020, Time: 17:01:06, ID: ST200716M1-9 PFC CS6 20F1909, Description: PFC CS6 20F1909

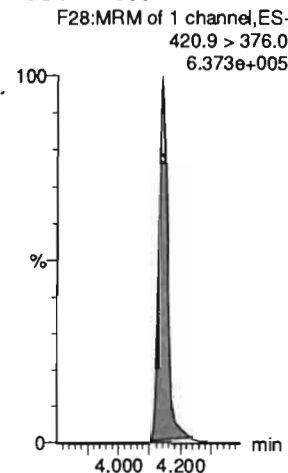
13C4-PFBA



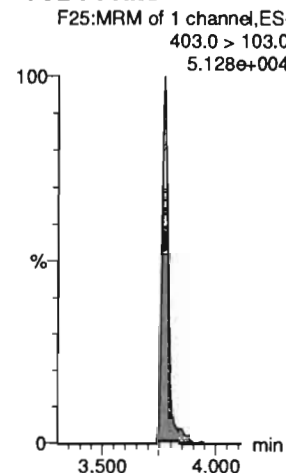
13C5-PFHxA



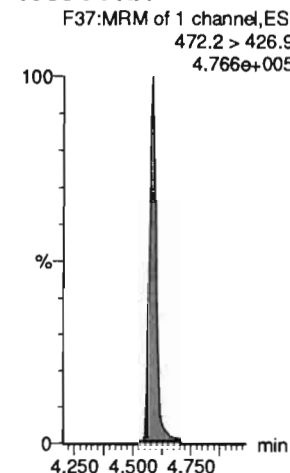
13C8-PFOA



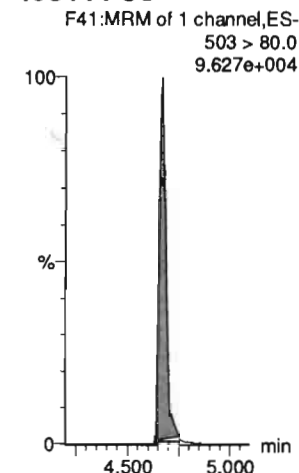
18O2-PFHxS



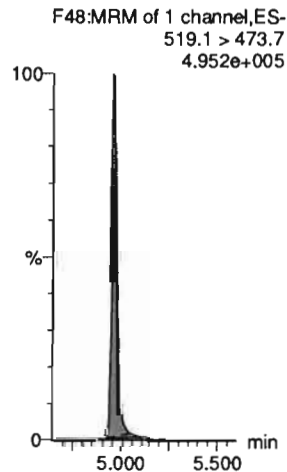
13C9-PFNA



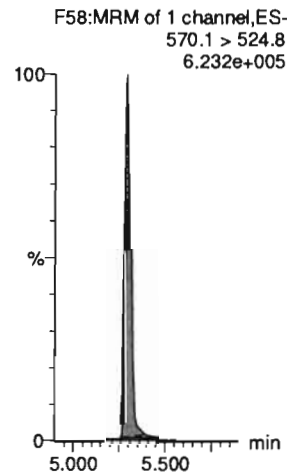
13C4-PFOS



13C6-PFDA



13C7-PFuDA

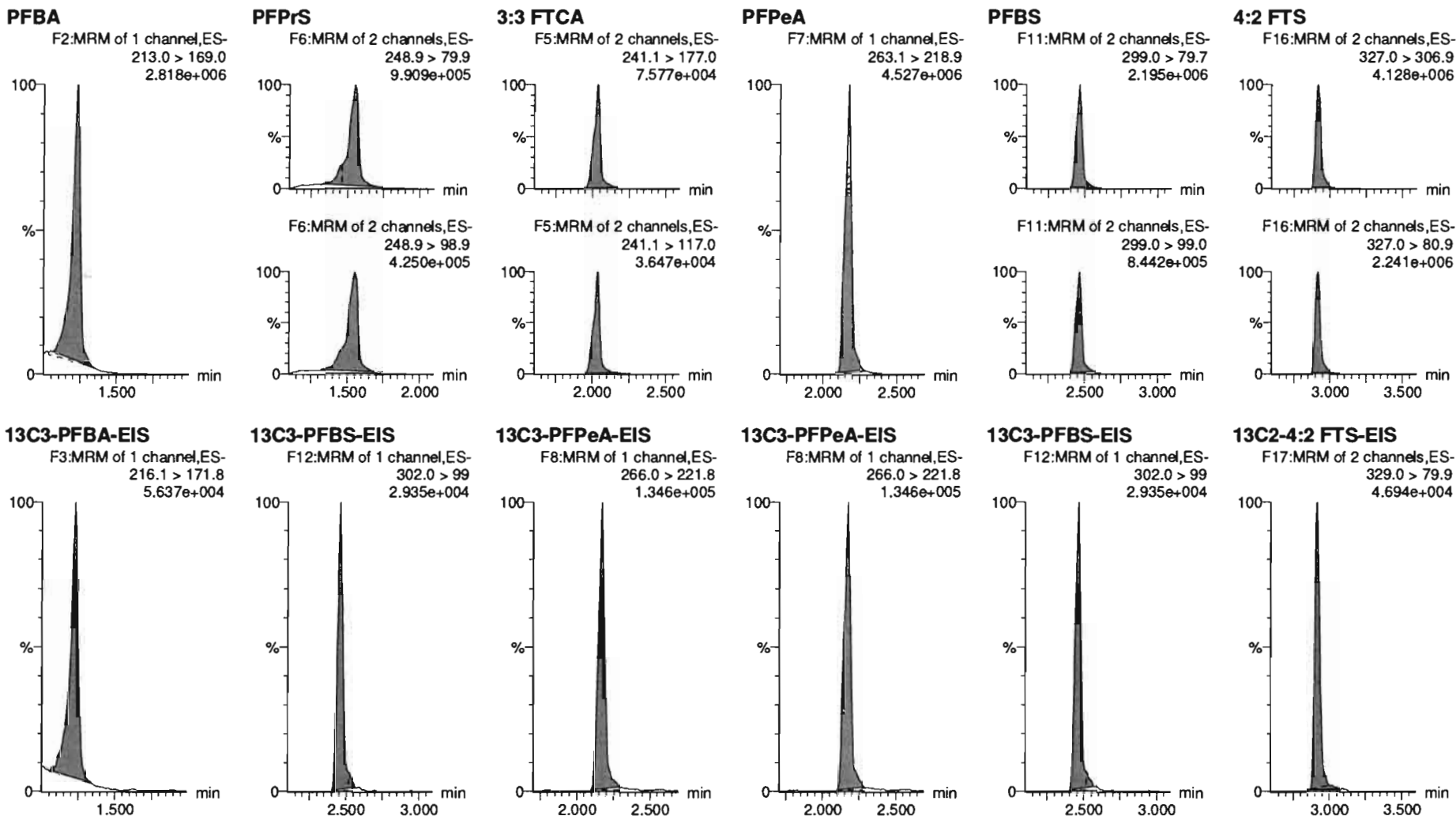


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Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_12, Date: 16-Jul-2020, Time: 17:11:28, ID: ST200716M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910



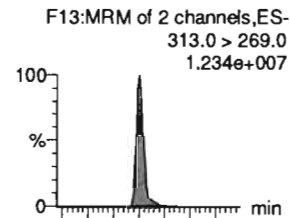
Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

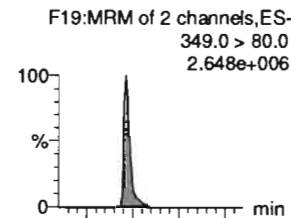
Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

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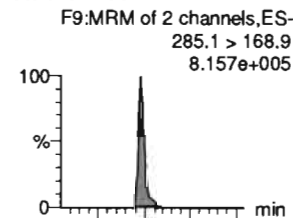
PFHxA



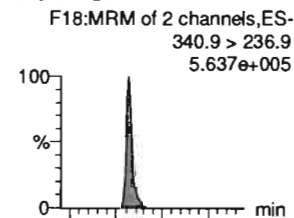
PFPeS



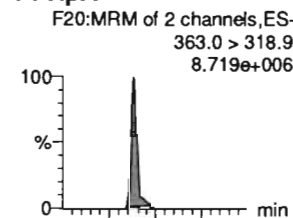
HFPO-DA



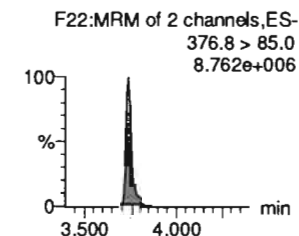
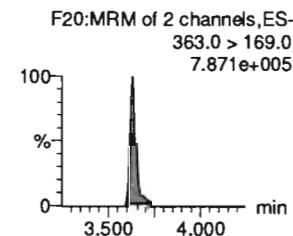
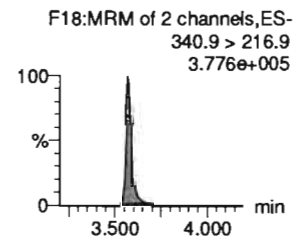
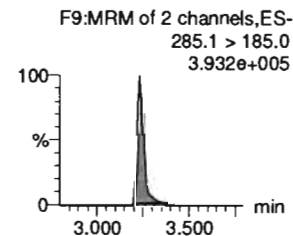
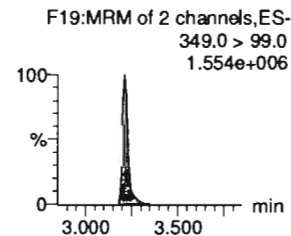
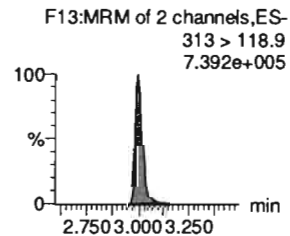
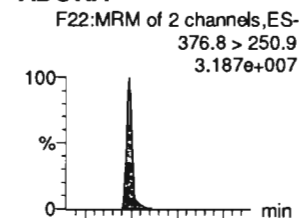
5:3 FTCA



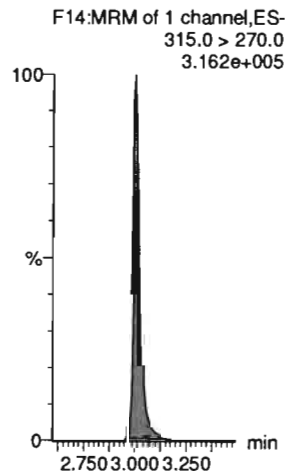
PFHpA



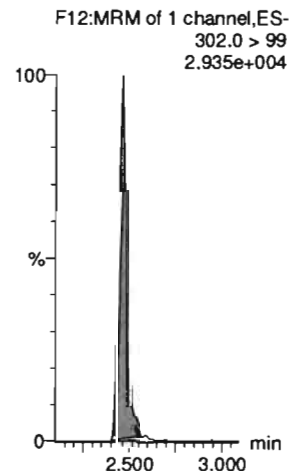
ADONA



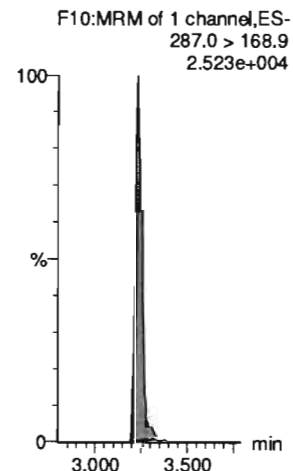
13C2-PFHxA-EIS



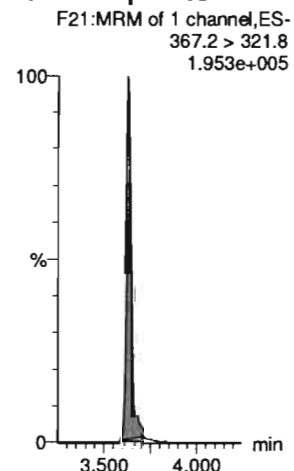
13C3-PFBS-EIS



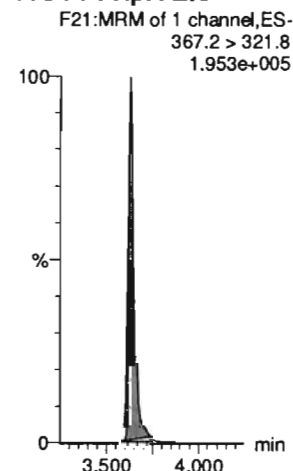
13C3-HFPO-DA-EIS



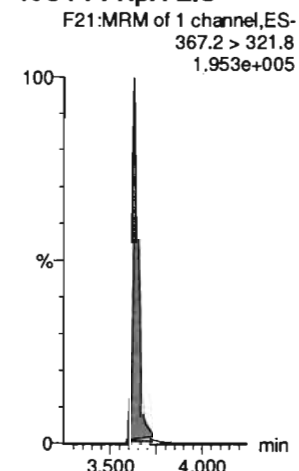
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS

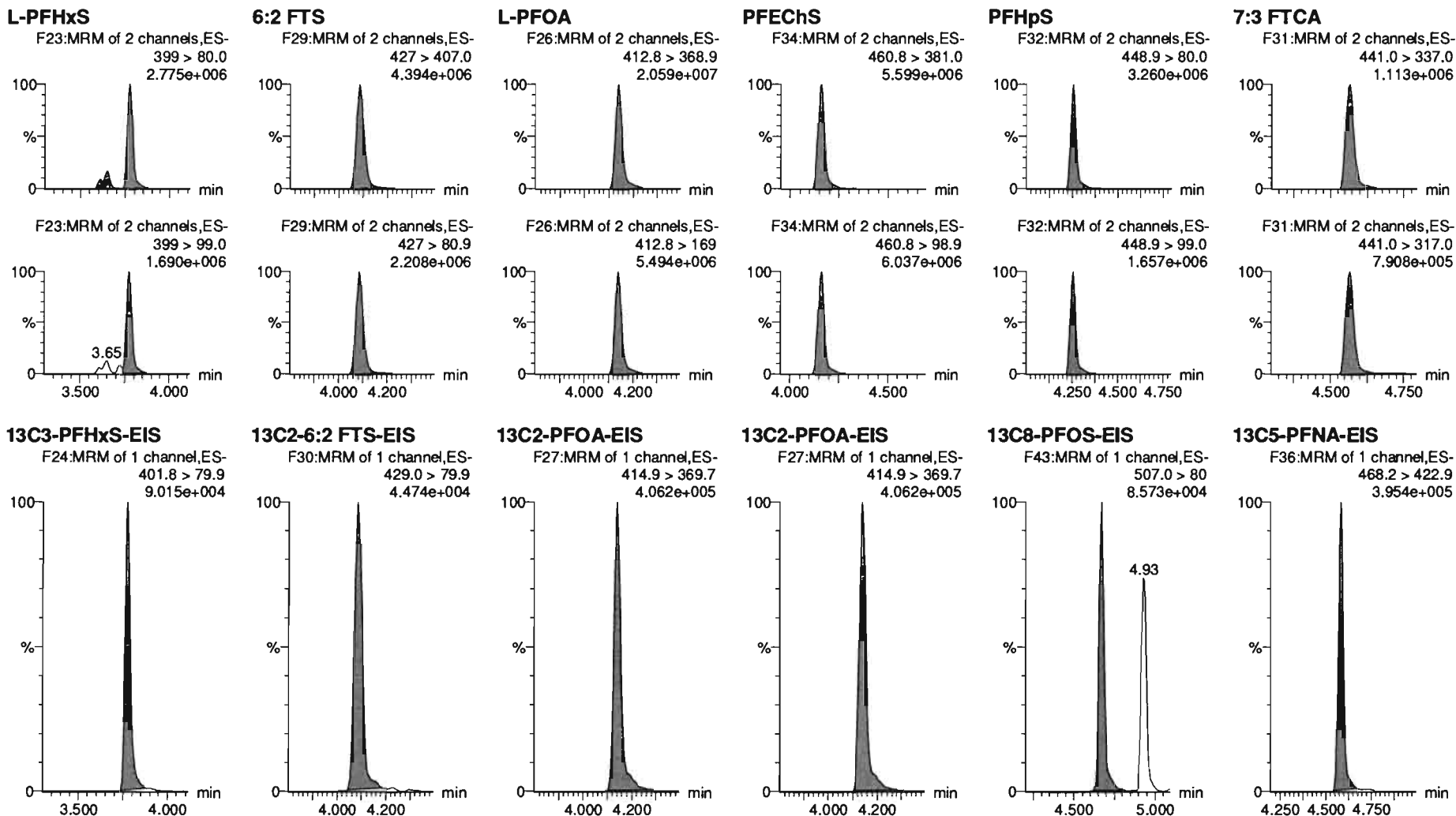


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

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Name: 200716M1_12, Date: 16-Jul-2020, Time: 17:11:28, ID: ST200716M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

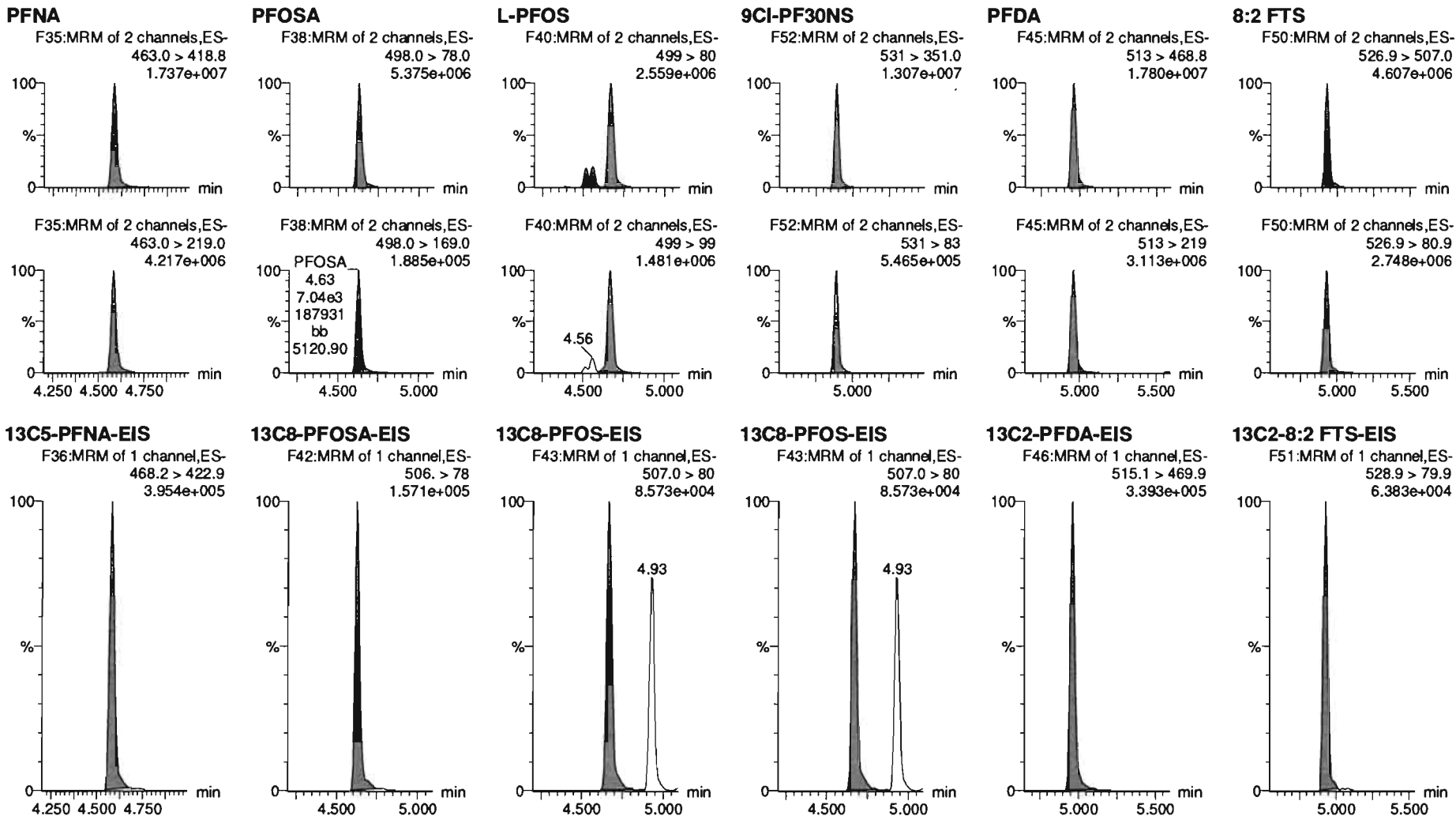


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Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

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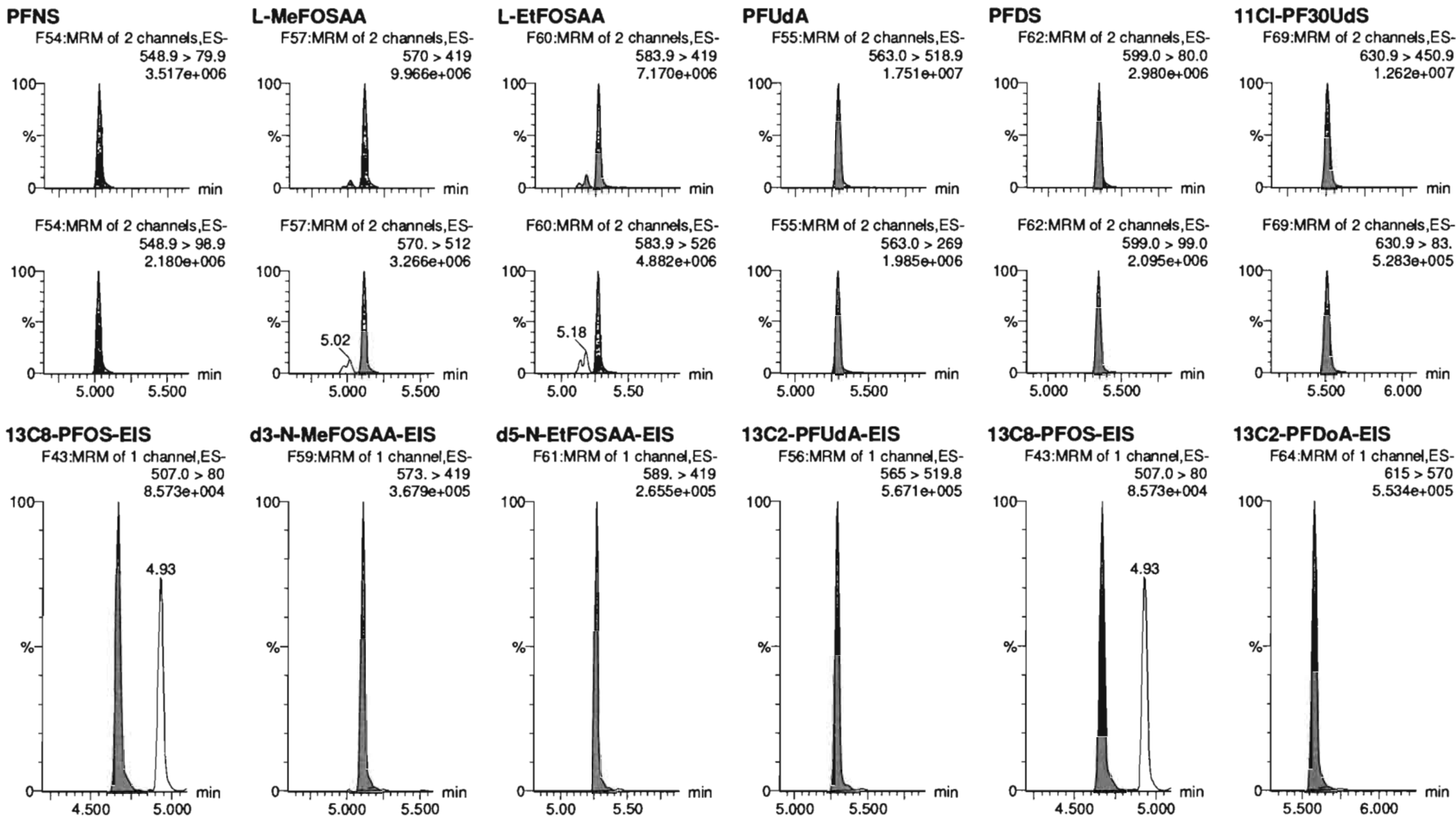


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Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_12, Date: 16-Jul-2020, Time: 17:11:28, ID: ST200716M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

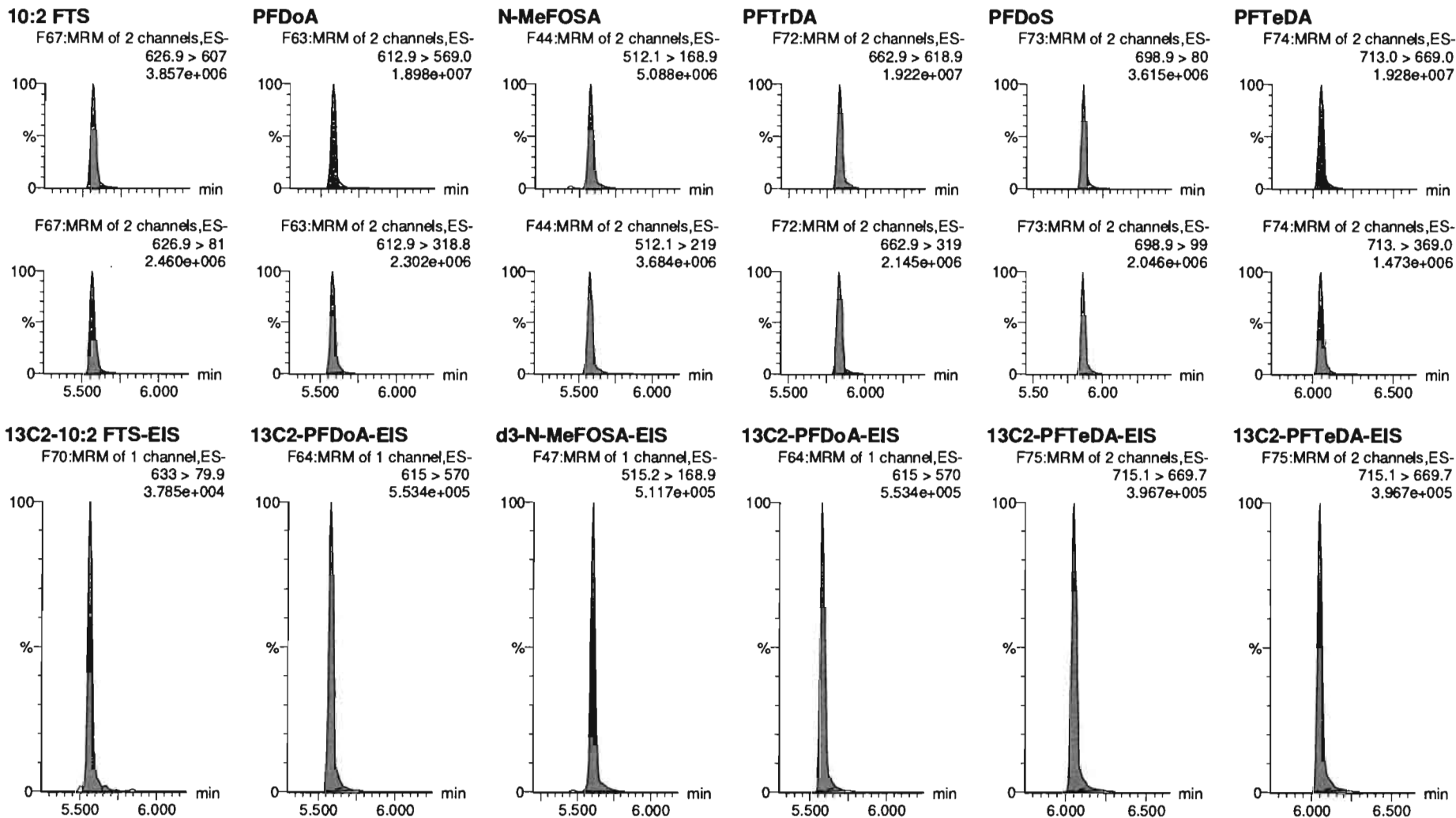


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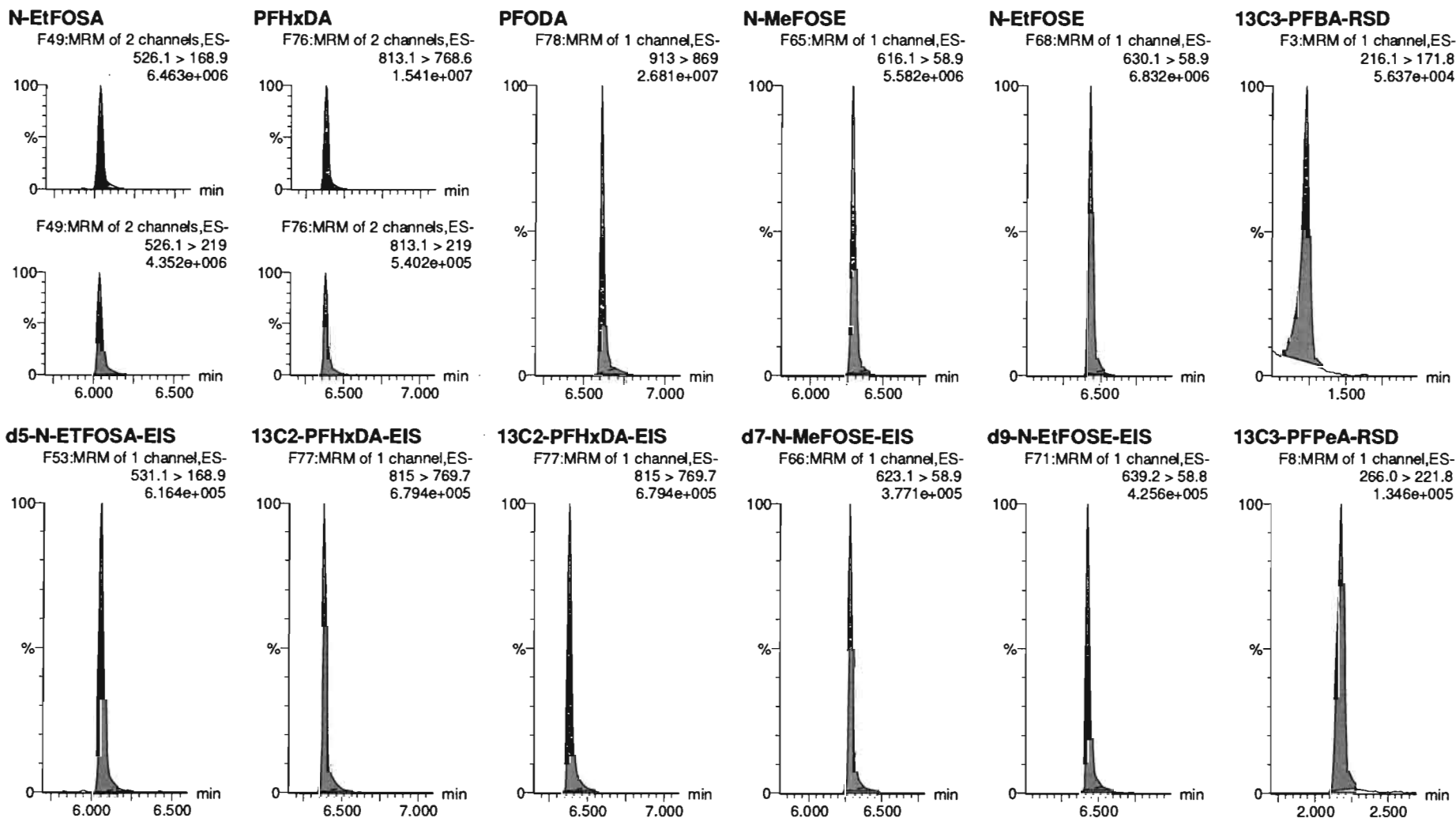


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Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

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Name: 200716M1_12, Date: 16-Jul-2020, Time: 17:11:28, ID: ST200716M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

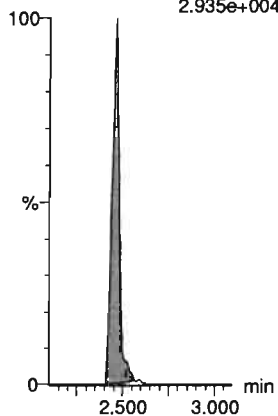
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Name: 200716M1_12, Date: 16-Jul-2020, Time: 17:11:28, ID: ST200716M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

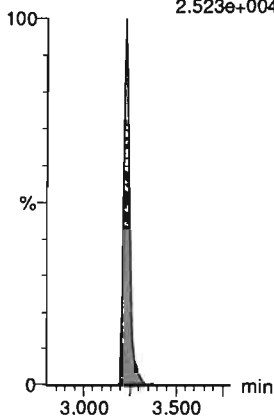
13C3-PFBS-RSD

F12:MRM of 1 channel,ES-
302.0 > 99
2.935e+004



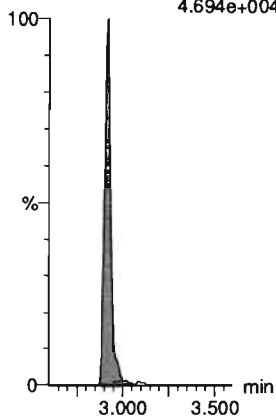
13C3-HFPO-DA-RSD

F10:MRM of 1 channel,ES-
287.0 > 168.9
2.523e+004



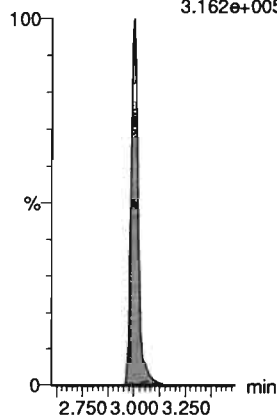
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
4.694e+004



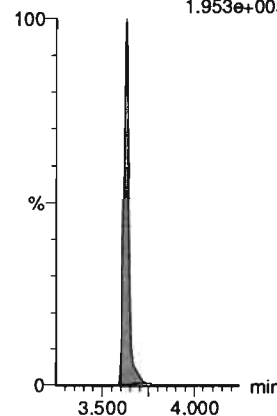
13C2-PFHxA-RSD

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.162e+005



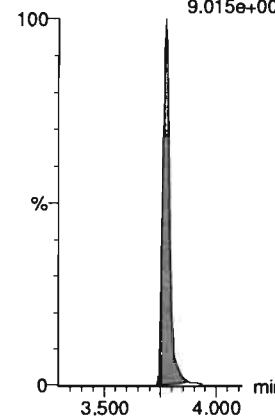
13C4-PFHpA-RSD

F21:MRM of 1 channel,ES-
367.2 > 321.8
1.953e+005



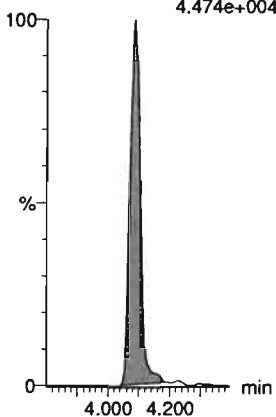
13C3-PFHxS-RSD

F24:MRM of 1 channel,ES-
401.8 > 79.9
9.015e+004



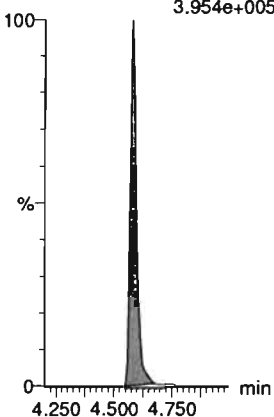
13C2-6:2 FTS-RSD

F30:MRM of 1 channel,ES-
429.0 > 79.9
4.474e+004



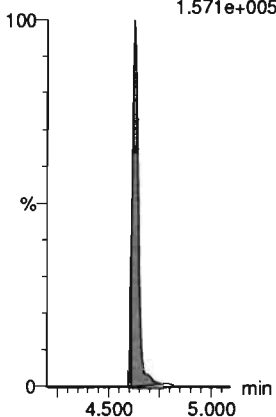
13C5-PFNA-RSD

F36:MRM of 1 channel,ES-
468.2 > 422.9
3.954e+005



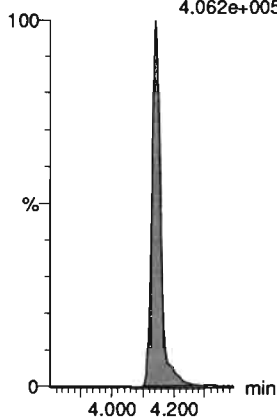
13C8-PFOA-RSD

F42:MRM of 1 channel,ES-
506. > 78
1.571e+005



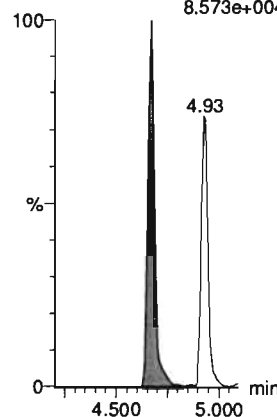
13C2-PFOA-RSD

F27:MRM of 1 channel,ES-
414.9 > 369.7
4.062e+005



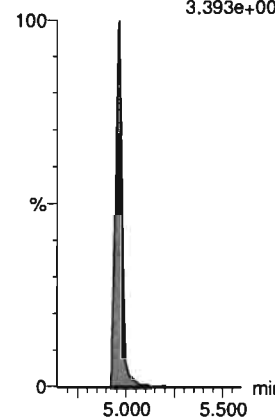
13C8-PFOS-RSD

F43:MRM of 1 channel,ES-
507.0 > 80
8.573e+004



13C2-PFDA-RSD

F46:MRM of 1 channel,ES-
515.1 > 469.9
3.393e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-CRV.qld

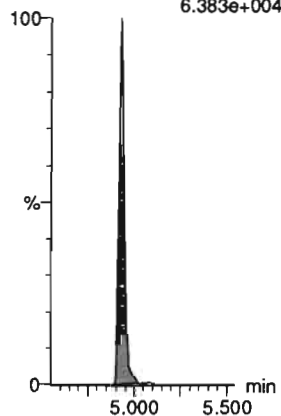
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Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_12, Date: 16-Jul-2020, Time: 17:11:28, ID: ST200716M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

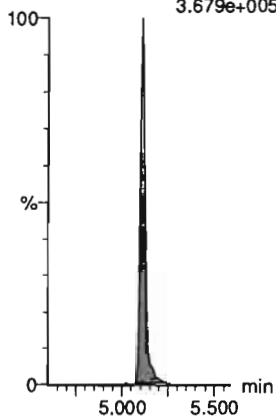
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.383e+004



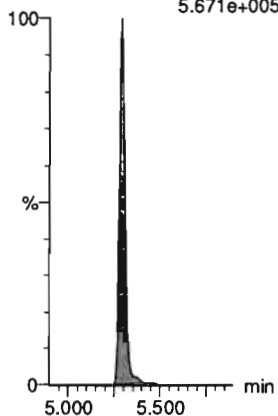
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
3.679e+005



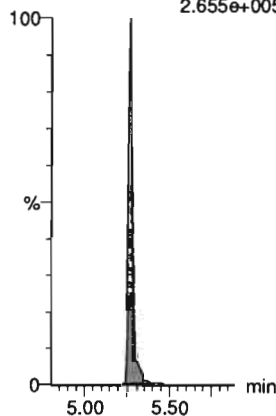
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
5.671e+005



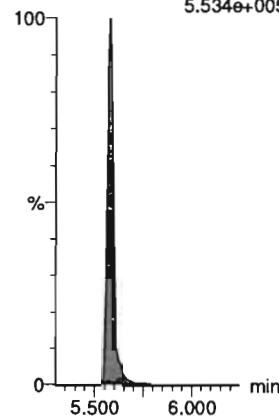
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
2.655e+005



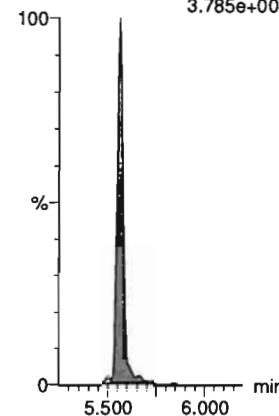
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
5.534e+005



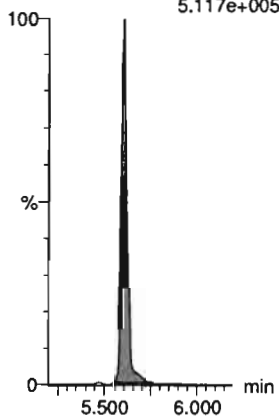
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
3.785e+004



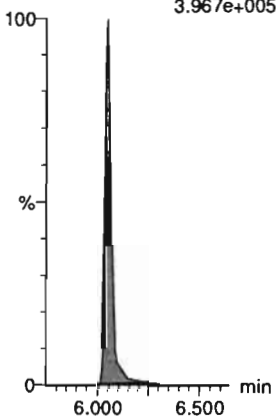
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.117e+005



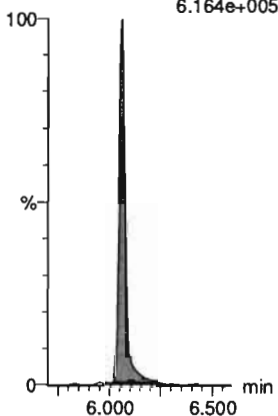
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
3.967e+005



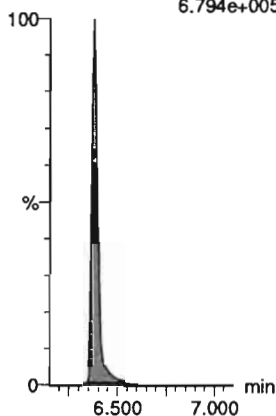
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
6.164e+005



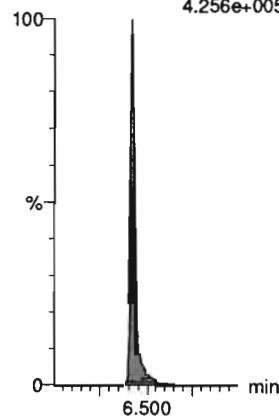
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
6.794e+005



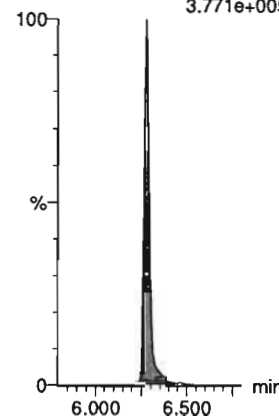
d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.256e+005



d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
3.771e+005



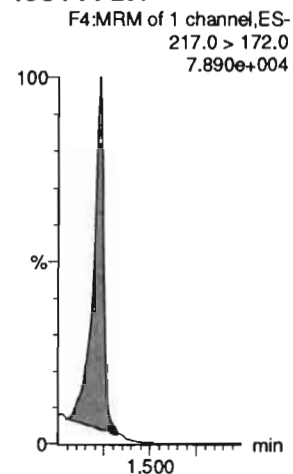
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Last Altered: Friday, July 17, 2020 09:24:41 Pacific Daylight Time

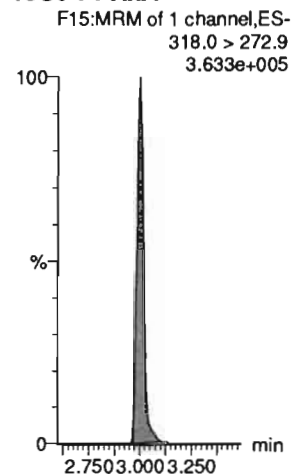
Printed: Friday, July 17, 2020 09:25:31 Pacific Daylight Time

Name: 200716M1_12, Date: 16-Jul-2020, Time: 17:11:28, ID: ST200716M1-10 PFC CS7 20F1910, Description: PFC CS7 20F1910

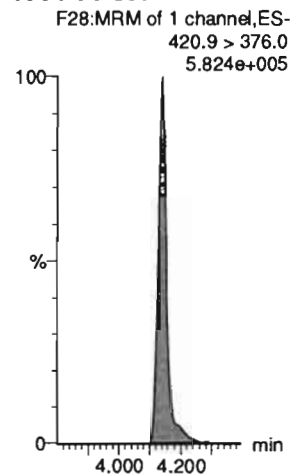
13C4-PFBA



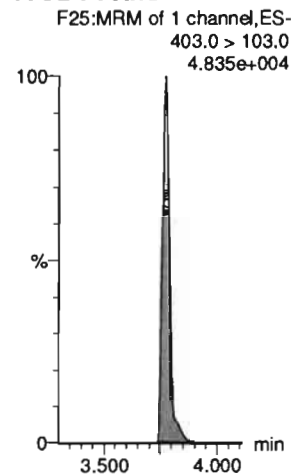
13C5-PFHxA



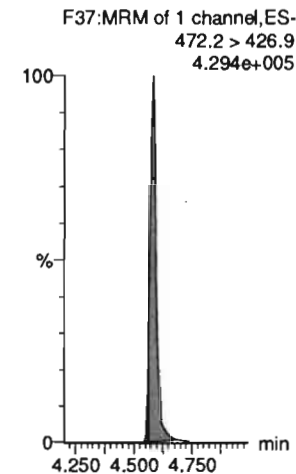
13C8-PFOA



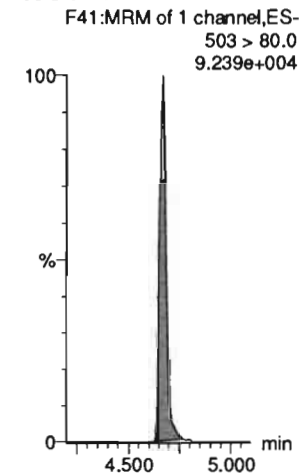
18O2-PFHxS



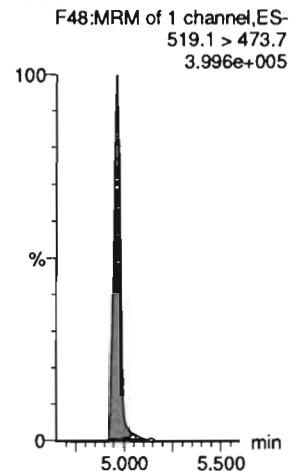
13C9-PFNA



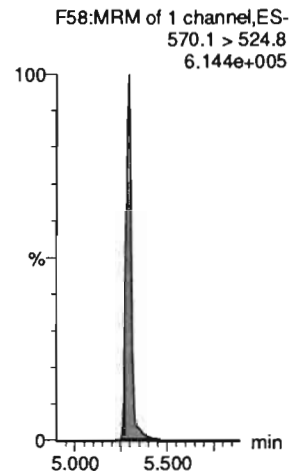
13C4-PFOS



13C6-PFDA



13C7-PFudA



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-ICV.qld

Vapn 07/17/20

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(A) Not in ICV

Name: 200716M1_14, Date: 16-Jul-2020, Time: 17:32:13, ID: ICV200716M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Cut?
1	1 PFBA	213.0 > 169.0	3620.709	3329.199	1.00	1.23	13.595	10.000	9.70	97.0	NO		
2	2 PFPrS	248.9 > 79.9		1550.536	1.00			10.000		(A)	NO		
3	3 3:3 FTCA	241.1 > 177.0		6960.094	1.00			10.000		(A)	NO		
4	4 PFPeA	263.1 > 218.9	5242.261	6960.094	1.00	2.17	9.415	10.000	9.95	99.5	NO		
5	5 PFBS	299.0 > 79.7	2070.253	1550.536	1.00	2.46	16.690	8.840	8.43	95.4	NO	2.495	NO
6	6 4:2 FTS	327.0 > 306.9	4866.156	2527.063	1.00	2.92	24.070	9.360	9.37	100.1	NO	1.798	NO
7	47 13C3-PFBA-EIS	216.1 > 171.8		3329.199	1.00	1.22	3329.199	12.500	12.0	95.9	NO		
8	51 13C3-PFBS-EIS	302.0 > 99		1550.536	1.00	2.46	1550.536	12.500	12.1	96.4	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8		6960.094	1.00	2.17	6960.094	12.500	11.4	91.0	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8		6960.094	1.00	2.17	6960.094	12.500	11.4	91.0	NO		
11	51 13C3-PFBS-EIS	302.0 > 99		1550.536	1.00	2.46	1550.536	12.500	12.1	96.4	NO		
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9		2527.063	1.00	2.92	2527.063	12.500	11.7	94.0	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0	11421.195	13794.821	1.00	3.00	10.349	10.000	9.61	96.1	NO	17.093	NO
15	8 PFPeS	349.0 > 80.0	2621.639	1550.536	1.00	3.22	21.135	9.360	9.54	101.9	NO	1.655	NO
16	9 HFPO-DA	285.1 > 168.9	700.639	1097.991	1.00	3.23	7.976	10.000	8.27	82.7	NO	1.608	NO
17	10 5:3 FTCA	340.9 > 236.9		8209.405	1.00			10.000		(A)	NO		
18	11 PFHpA	363.0 > 318.9	7791.795	8209.405	1.00	3.63	11.864	10.000	9.56	95.6	NO	11.630	NO
19	12 ADONA	376.8 > 250.9	26712.148	8209.405	1.00	3.74	40.673	9.440	8.78	93.0	NO	3.616	NO
20	57 13C2-PFHxA-EIS	315.0 > 270.0		13794.821	1.00	3.00	13794.821	12.500	12.1	97.0	NO		
21	51 13C3-PFBS-EIS	302.0 > 99		1550.536	1.00	2.46	1550.536	12.500	12.1	96.4	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9		1097.991	1.00	3.23	1097.991	12.500	11.9	95.3	NO		
23	59 13C4-PFHpA-EIS	367.2 > 321.8		8209.405	1.00	3.63	8209.405	12.500	11.9	94.9	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8		8209.405	1.00	3.63	8209.405	12.500	11.9	94.9	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8		8209.405	1.00	3.63	8209.405	12.500	11.9	94.9	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0	2819.014	3594.667	1.00	3.78	9.803	9.120	9.25	101.4	NO	1.700	NO
28	15 6:2 FTS	427 > 407.0	5267.316	2257.779	1.00	4.09	29.162	9.480	9.49	100.1	NO	2.204	NO
29	16 L-PFOA	412.8 > 368.9	19250.637	17455.379	1.00	4.14	13.786	10.000	9.46	94.5	NO	3.933	NO
30	18 PFecHS	460.8 > 381.0		17455.379	1.00			10.000		(A)	NO		
31	19 PFHpS	448.9 > 80.0	2845.676	4263.571	1.00	4.26	8.343	9.520	9.26	97.3	NO	2.019	NO
32	20 7:3 FTCA	441.0 > 337.0		15737.191	1.00			10.000		(A)	NO		
33	61 13C3-PFHxS-EIS	401.8 > 79.9		3594.667	1.00	3.78	3594.667	12.500	11.4	91.3	NO		
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9		2257.779	1.00	4.09	2257.779	12.500	11.1	89.1	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7		17455.379	1.00	4.14	17455.379	12.500	12.5	99.8	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7		17455.379	1.00	4.14	17455.379	12.500	12.5	99.8	NO		

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-ICV.qld

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Name: 200716M1_14, Date: 16-Jul-2020, Time: 17:32:13, ID: ICV200716M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	4263.571		1.00	4.67	4263.571	12.500	12.3	98.7	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	15737.191		1.00	4.59	15737.191	12.500	12.2	97.8	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	14829.678	15737.191	1.00	4.59	11.779	10.000	9.34	93.4	NO	4.113	NO
41	22 PFOSA	498.0 > 78.0	4839.330	6387.468	1.00	4.63	9.470	10.000	10.2	102.4	NO	28.241	NO
42	23 L-PFOS	499 > 80	2923.790	4263.571	1.00	4.67	8.572	9.280	8.68	93.5	NO	2.010	NO
43	25 9Cl-PF3ONS	531 > 351.0	10431.163	4263.571	1.00	4.89	30.582	9.320	8.84	94.8	NO	21.820	NO
44	26 PFDA	513 > 468.8	17726.086	14520.758	1.00	4.96	15.259	10.000	9.91	99.1	NO	5.815	NO
45	27 8:2 FTS	526.9 > 507.0	4917.479	2451.787	1.00	4.93	25.071	9.600	10.2	106.4	NO	1.668	NO
46	65 13C5-PFNA-EIS	468.2 > 422.9	15737.191		1.00	4.59	15737.191	12.500	12.2	97.8	NO		
47	67 13C8-PFOSA-EIS	506. > 78	6387.468		1.00	4.63	6387.468	12.500	12.0	95.7	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	4263.571		1.00	4.67	4263.571	12.500	12.3	98.7	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	4263.571		1.00	4.67	4263.571	12.500	12.3	98.7	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	14520.758		1.00	4.96	14520.758	12.500	11.9	95.3	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2451.787		1.00	4.93	2451.787	12.500	11.9	95.2	NO		
52	-1												
53	28 PFNS	548.9 > 79.9	3096.481	4263.571	1.00	5.03	9.078	9.600	8.63	89.9	NO	1.770	NO
54	29 L-MeFOSAA	570 > 419	9174.608	12080.507	1.00	5.12	9.493	10.000	10.7	106.6	NO	2.958	NO
55	31 L-EiFOSAA	583.9 > 419	8700.256	10493.495	1.00	5.28	10.364	10.000	11.5	115.4	NO	1.394	NO
56	33 PFUdA	563.0 > 518.9	16865.066	23071.709	1.00	5.29	9.137	10.000	9.71	97.1	NO	9.418	NO
57	34 PFDS	599.0 > 80.0	2410.763	4263.571	1.00	5.34	7.068	9.640	8.69	90.1	NO	1.312	NO
58	35 11Cl-PF30UdS	630.9 > 450.9	10433.172	24840.436	1.00	5.51	5.250	9.440	8.95	94.9	NO	24.592	NO
59	73 13C8-PFOS-EIS	507.0 > 80	4263.571		1.00	4.67	4263.571	12.500	12.3	98.7	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	12080.507		1.00	5.12	12080.507	12.500	11.0	87.8	NO		
61	83 d5-N-EiFOSAA-EIS	589. > 419	10493.495		1.00	5.27	10493.495	12.500	10.8	86.1	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	23071.709		1.00	5.29	23071.709	12.500	12.4	98.9	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	4263.571		1.00	4.67	4263.571	12.500	12.3	98.7	NO		
64	85 13C2-PFDoA-EIS	615 > 570	24840.436		1.00	5.58	24840.436	12.500	11.5	91.7	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607		1732.371	1.00			10.000			NO		
67	37 PFDoA	612.9 > 569.0	19225.635	24840.436	1.00	5.58	9.675	10.000	9.83	98.3	NO	8.028	NO
68	38 N-MeFOSA	512.1 > 168.9		19117.254	1.00			9.600			NO		
69	39 PFTrDA	662.9 > 618.9	18245.994	24840.436	1.00	5.83	9.182	10.000	9.88	98.8	NO	9.246	NO
70	40 PFDoS	698.9 > 80		17126.322	1.00			10.000			NO		
71	41 PFTeDA	713.0 > 669.0	19868.018	17126.322	1.00	6.05	14.501	10.000	9.84	98.4	NO	13.605	NO
72	87 13C2-10:2 FTS-EIS	633 > 79.9	1732.371		1.00	5.57	1732.371	12.500	11.1	88.6	NO		

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Name: 200716M1_14, Date: 16-Jul-2020, Time: 17:32:13, ID: ICV200716M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

#	Name	Trace	Area	IS Area	w/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85	13C2-PFDaA-EIS	615 > 570	24840.436	1.00	5.58	24840.436	12.500	11.5	91.7	NO		
74	89	d3-N-MeFOSA-EIS	515.2 > 168.9	19117.254	1.00	5.61	19117.254	149.200	142	95.2	NO		
75	85	13C2-PFDaA-EIS	615 > 570	24840.436	1.00	5.58	24840.436	12.500	11.5	91.7	NO		
76	91	13C2-PFTeDA-EIS	715.1 > 669.7	17126.322	1.00	6.05	17126.322	12.500	11.6	93.0	NO		
77	91	13C2-PFTeDA-EIS	715.1 > 669.7	17126.322	1.00	6.05	17126.322	12.500	11.6	93.0	NO		
78	-1												
79	42	N-EtFOSA	526.1 > 168.9	27046.965	1.00			9.600			NO		
80	43	PFHxDA	813.1 > 768.6	27312.361	1.00			10.000			NO		
81	44	PFODA	913 > 869	27312.361	1.00			10.000			NO		
82	45	N-MeFOSE	616.1 > 58.9	13991.942	1.00			9.600			NO		
83	46	N-EtFOSE	630.1 > 58.9	13325.567	1.00			9.600			NO		
84	48	13C3-PFBA-RSD	216.1 > 171.8	3329.199	4964.085	1.00	1.22	8.383	12.500	12.1	96.9	NO	
85	93	d5-N-ETFOSA-EIS	531.1 > 168.9	27046.965	1.00	6.06	27046.965	149.200	144	96.8	NO		
86	95	13C2-PFHxDA-EIS	815 > 769.7	27312.361	1.00	6.38	27312.361	12.500	12.7	101.9	NO		
87	95	13C2-PFHxDA-EIS	815 > 769.7	27312.361	1.00	6.38	27312.361	12.500	12.7	101.9	NO		
88	97	d7-N-MeFOSE-EIS	623.1 > 58.9	13991.942	1.00	6.28	13991.942	149.200	155	104.1	NO		
89	99	d9-N-EtFOSE-EIS	639.2 > 58.8	13325.567	1.00	6.43	13325.567	149.200	138	92.7	NO		
90	50	13C3-PFPaA-RSD	266.0 > 221.8	6960.094	14919.540	1.00	2.17	5.831	12.500	12.2	97.6	NO	
91	-1												
92	52	13C3-PFBS-RSD	302.0 > 99	1550.536	1948.813	1.00	2.46	9.945	12.500	12.8	102.7	NO	
93	54	13C3-HFPO-DA-RSD	287.0 > 168.9	1097.991	14919.540	1.00	3.23	0.920	12.500	12.8	102.5	NO	
94	56	13C2-4:2 FTS-RSD	329.0 > 79.9	2527.063	1948.813	1.00	2.92	16.209	12.500	13.3	106.2	NO	
95	58	13C2-PFHxA-RSD	315.0 > 270.0	13800.670	14919.540	1.00	3.00	11.563	12.500	13.1	104.5	NO	
96	60	13C4-PFHpA-RSD	367.2 > 321.8	8221.277	14919.540	1.00	3.63	6.888	12.500	13.0	104.2	NO	
97	62	13C3-PFHxS-RSD	401.8 > 79.9	3595.135	1948.813	1.00	3.78	23.060	12.500	12.8	102.2	NO	
98	64	13C2-6:2 FTS-RSD	429.0 > 79.9	2257.779	3853.021	1.00	4.09	7.325	12.500	12.9	103.0	NO	
99	66	13C5-PFNA-RSD	468.2 > 422.9	15737.191	17249.842	1.00	4.59	11.404	12.500	12.7	101.3	NO	
100	68	13C8-PFOSA-RSD	506. > 78	6387.468	26916.090	1.00	4.63	2.966	12.500	12.2	97.7	NO	
101	70	13C2-PFOA-RSD	414.9 > 369.7	17455.379	24998.883	1.00	4.14	8.728	12.500	12.5	100.3	NO	
102	74	13C8-PFOS-RSD	507.0 > 80	4263.571	3853.021	1.00	4.67	13.832	12.500	13.5	108.1	NO	
103	76	13C2-PFDA-RSD	515.1 > 469.9	14520.758	20106.709	1.00	4.96	9.027	12.500	11.9	95.4	NO	
104	-1												
105	78	13C2-8:2 FTS-RSD	528.9 > 79.9	2451.787	3853.021	1.00	4.93	7.954	12.500	12.6	101.0	NO	
106	80	d3-N-MeFOSAA-RSD	573. > 419	12080.507	26916.090	1.00	5.12	5.610	12.500	10.9	87.0	NO	
107	82	13C2-PFUdA-RSD	565 > 519.8	23181.613	26916.090	1.00	5.29	10.766	12.500	12.2	97.5	NO	
108	84	d5-N-EtFOSAA-RSD	589. > 419	10493.495	26916.090	1.00	5.27	4.873	12.500	10.7	85.9	NO	



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-ICV.qld

Last Altered: Friday, July 17, 2020 10:00:32 Pacific Daylight Time

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Name: 200716M1_14, Date: 16-Jul-2020, Time: 17:32:13, ID: ICV200716M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

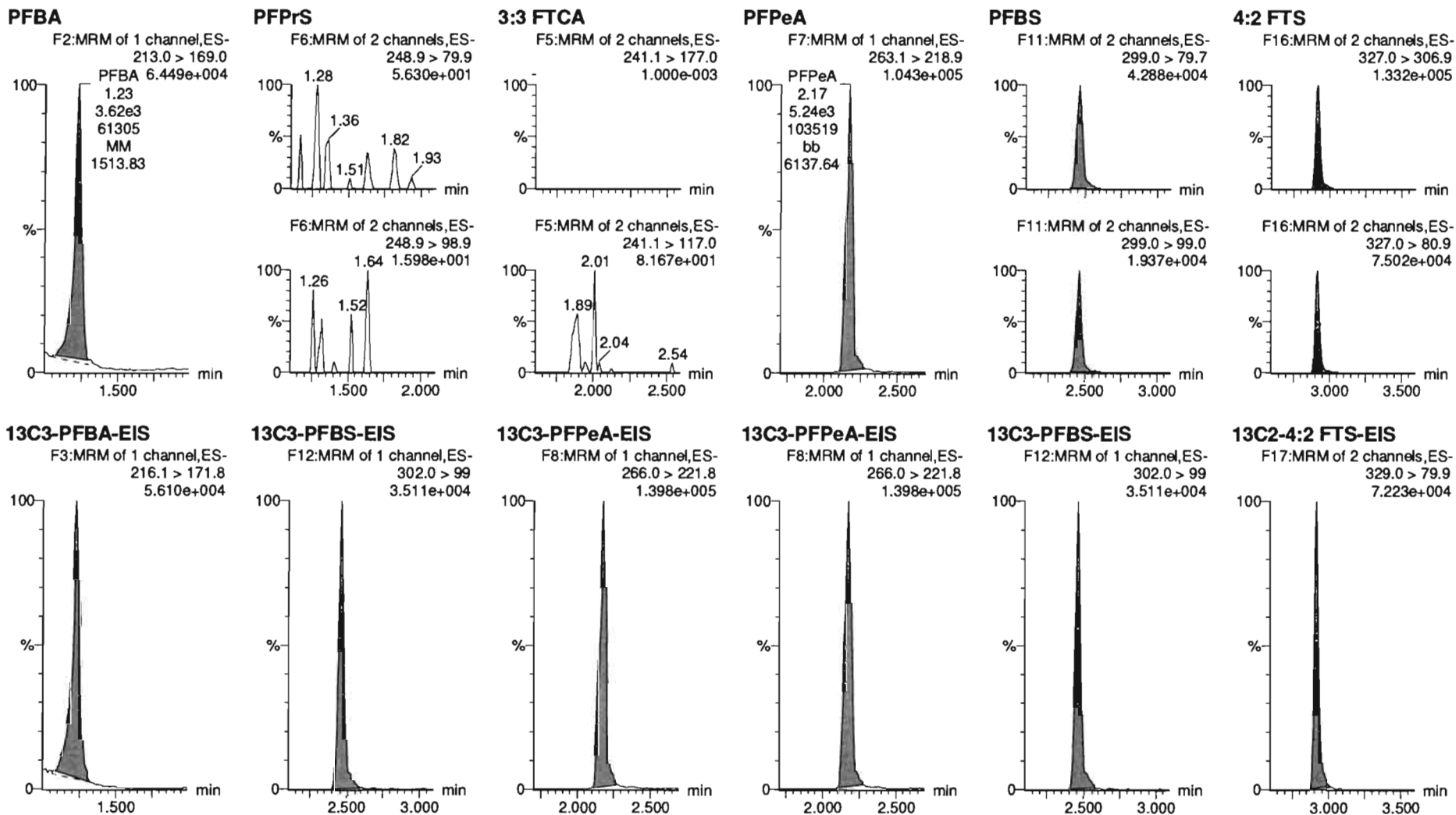
#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86 13C2-PFDcA-RSD	615 > 570	24840.436	20106.709	1.00	5.58	15.443	12.500	11.7	93.9	NO		
110	88 13C2-10:2 FTS-RSD	633 > 79.9	1732.371	3853.021	1.00	5.57	5.620	12.500	12.8	102.2	NO		
111	90 d3-N-MeFOSA-RSD	515.2 > 168.9	19117.254	26916.090	1.00	5.61	8.878	149.200	142	95.3	NO		
112	92 13C2-PFTeDA-RSD	715.1 > 669.7	17126.322	26916.090	1.00	6.05	7.954	12.500	11.4	91.6	NO		
113	94 d5-N-ETFOSA-RSD	531.1 > 168.9	27046.965	26916.090	1.00	6.06	12.561	149.200	143	95.9	NO		
114	96 13C2-PFHxDA-RSD	815 > 769.7	27312.361	26916.090	1.00	6.38	12.684	12.500	12.0	96.1	NO		
115	98 d7-N-MeFOSE-RSD	623.1 > 58.9	14004.431	26916.090	1.00	6.28	6.504	149.200	155	103.7	NO		
116	1... d9-N-EtFOSE-RSD	639.2 > 58.8	13325.567	26916.090	1.00	6.43	6.188	149.200	134	89.8	NO		
117	-1												
118	1... 13C4-PFBA	217.0 > 172.0	4964.085	4964.085	1.00	1.23	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9	14919.540	14919.540	1.00	3.00	12.500	12.500	12.5	100.0	NO		
120	1... 13C8-PFOA	420.9 > 376.0	24998.883	24998.883	1.00	4.14	12.500	12.500	12.5	100.0	NO		
121	1... 18O2-PFHxS	403.0 > 103.0	1948.813	1948.813	1.00	3.78	12.500	12.500	12.5	100.0	NO		
122	1... 13C9-PFNA	472.2 > 426.9	17249.842	17249.842	1.00	4.59	12.500	12.500	12.5	100.0	NO		
123	1... 13C4-PFOS	503 > 80.0	3853.021	3853.021	1.00	4.67	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7	20106.709	20106.709	1.00	4.96	12.500	12.500	12.5	100.0	NO		
125	1... 13C7-PFUdA	570.1 > 524.8	26916.090	26916.090	1.00	5.29	12.500	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-ICV.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071420_ICV.mdb 15 Jul 2020 11:05:49
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Name: 200716M1_14, Date: 16-Jul-2020, Time: 17:32:13, ID: ICV200716M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-ICV.qld

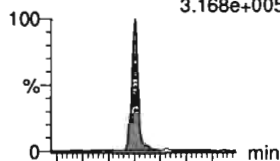
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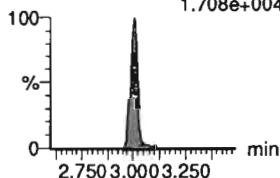
Name: 200716M1_14, Date: 16-Jul-2020, Time: 17:32:13, ID: ICV200716M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

PFHxA

F13:MRM of 2 channels,ES-
313.0 > 269.0
3.168e+005

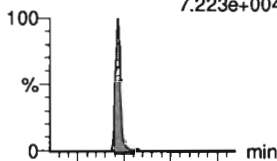


F13:MRM of 2 channels,ES-
313 > 118.9
1.708e+004

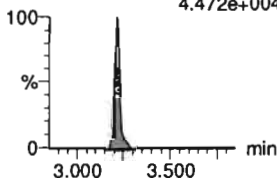


PFPeS

F19:MRM of 2 channels,ES-
349.0 > 80.0
7.223e+004

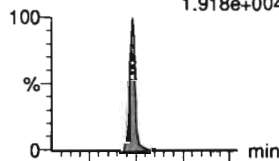


F19:MRM of 2 channels,ES-
349.0 > 99.0
4.472e+004

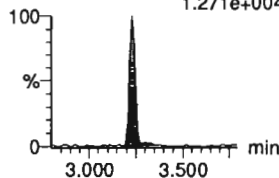


HFPO-DA

F9:MRM of 2 channels,ES-
285.1 > 168.9
1.918e+004

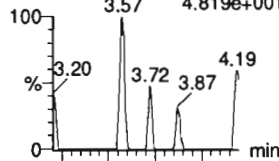


F9:MRM of 2 channels,ES-
285.1 > 185.0
1.271e+004

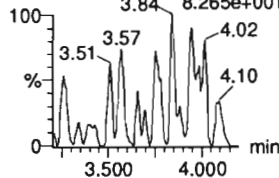


5:3 FTCA

F18:MRM of 2 channels,ES-
340.9 > 236.9
4.819e+001



F18:MRM of 2 channels,ES-
340.9 > 216.9
8.265e+001

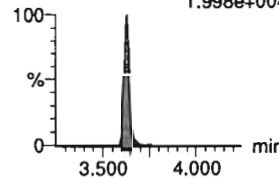


PFHpA

F20:MRM of 2 channels,ES-
363.0 > 318.9
2.295e+005

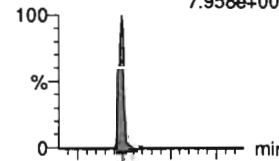


F20:MRM of 2 channels,ES-
363.0 > 169.0
1.998e+004

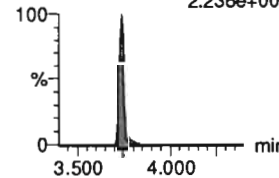


ADONA

F22:MRM of 2 channels,ES-
376.8 > 250.9
7.958e+005

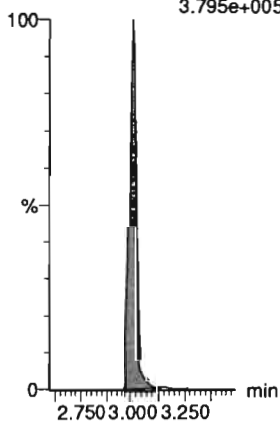


F22:MRM of 2 channels,ES-
376.8 > 85.0
2.236e+005



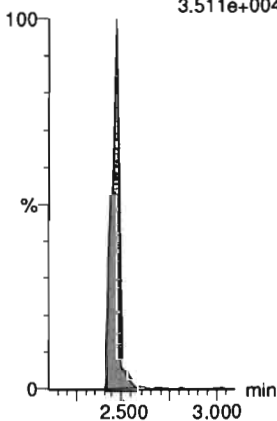
13C2-PFHxA-EIS

F14:MRM of 1 channel,ES-
315.0 > 270.0
3.795e+005



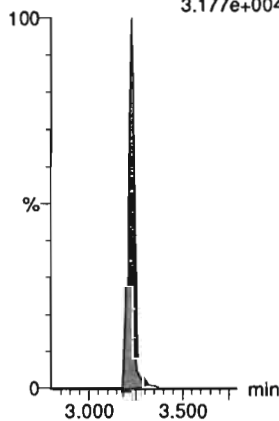
13C3-PFBS-EIS

F12:MRM of 1 channel,ES-
302.0 > 99
3.511e+004



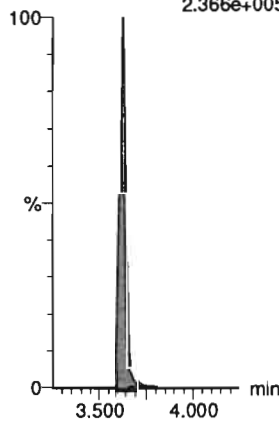
13C3-HFPO-DA-EIS

F10:MRM of 1 channel,ES-
287.0 > 168.9
3.177e+004



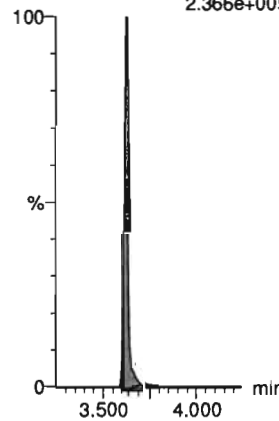
13C4-PFHpA-EIS

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.366e+005



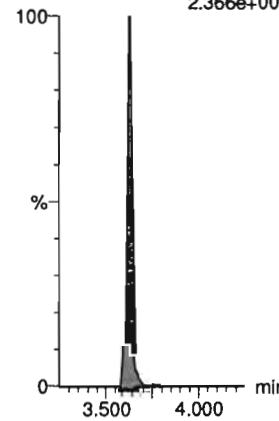
13C4-PFHpA-EIS

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.366e+005



13C4-PFHpA-EIS

F21:MRM of 1 channel,ES-
367.2 > 321.8
2.366e+005



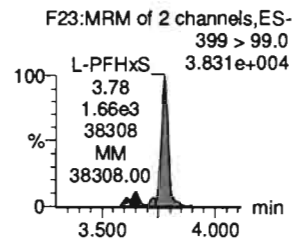
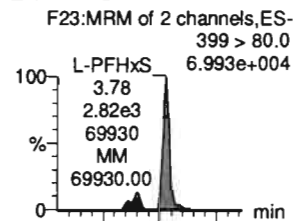
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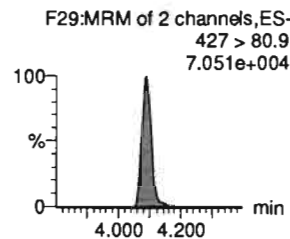
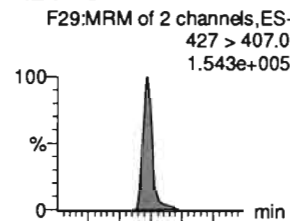
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Name: 200716M1_14, Date: 16-Jul-2020, Time: 17:32:13, ID: ICV200716M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

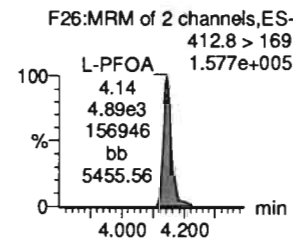
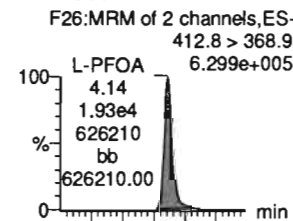
L-PFHxS



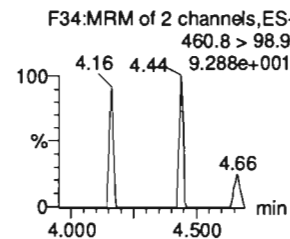
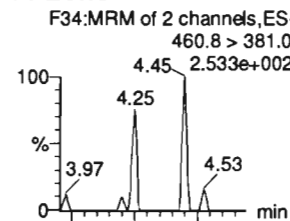
6:2 FTS



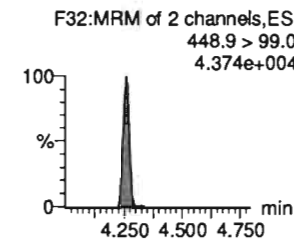
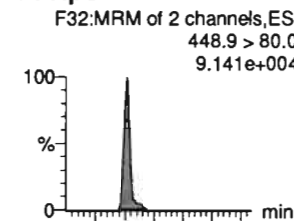
L-PFOA



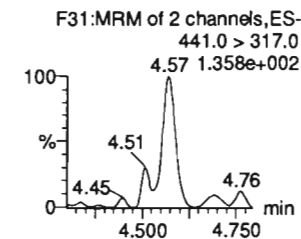
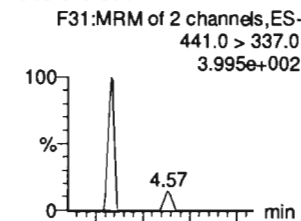
PFChS



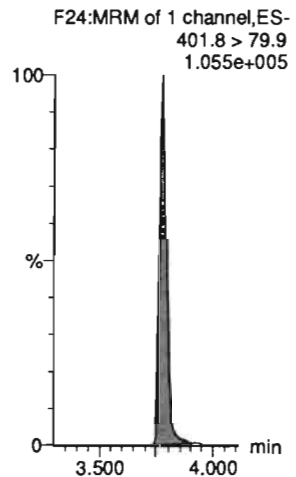
PFHpS



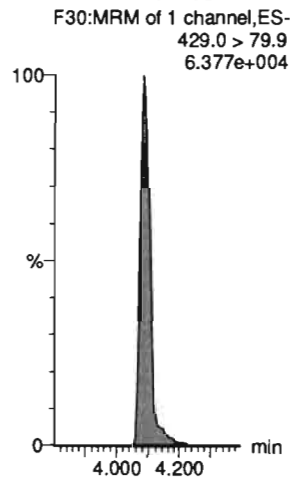
7:3 FTCA



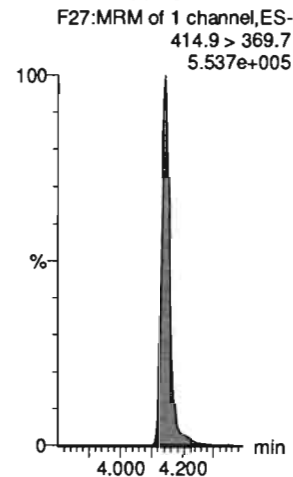
13C3-PFHxS-EIS



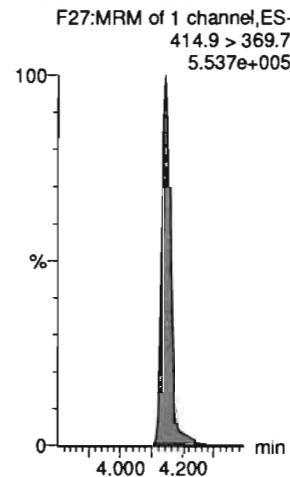
13C2-6:2 FTS-EIS



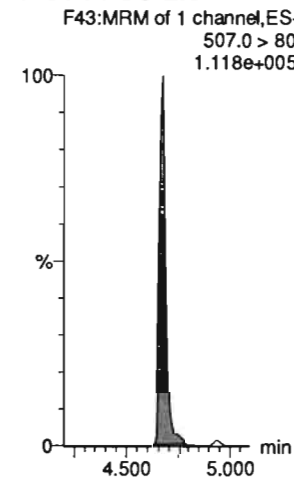
13C2-PFOA-EIS



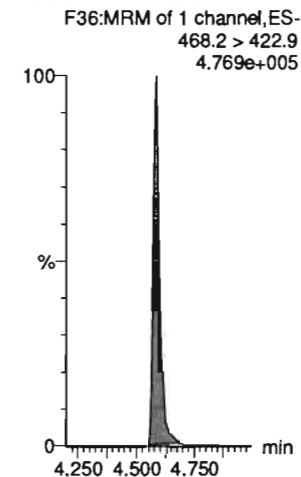
13C2-PFOA-EIS



13C8-PFOS-EIS



13C5-PFNA-EIS



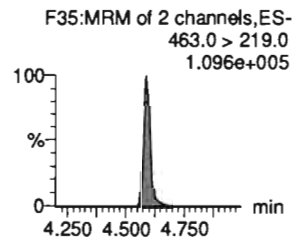
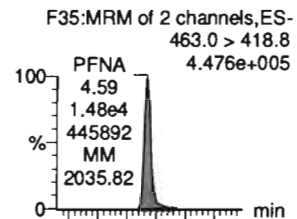
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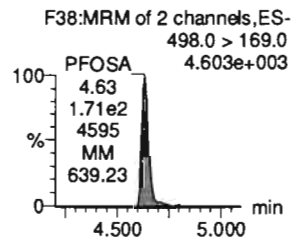
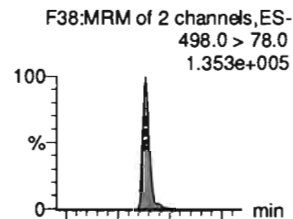
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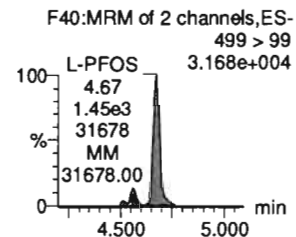
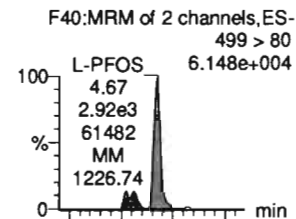
PFNA



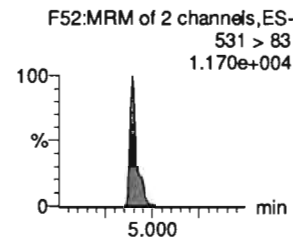
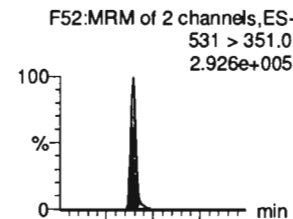
PFOSA



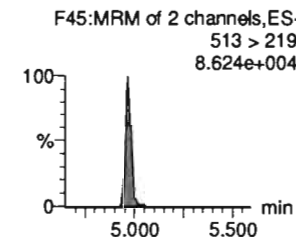
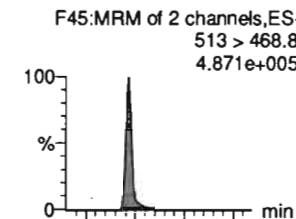
L-PFOS



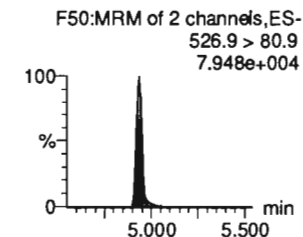
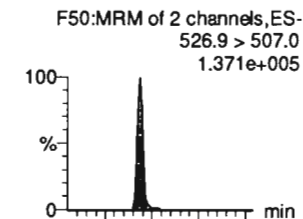
9CI-PF30NS



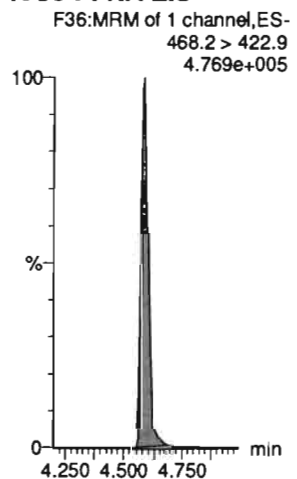
PFDA



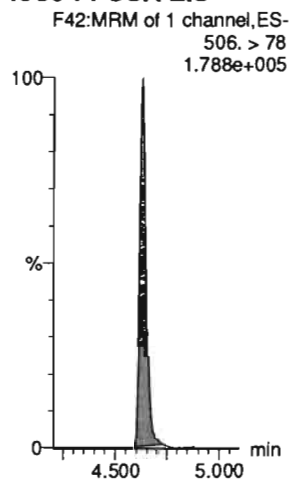
8:2 FTS



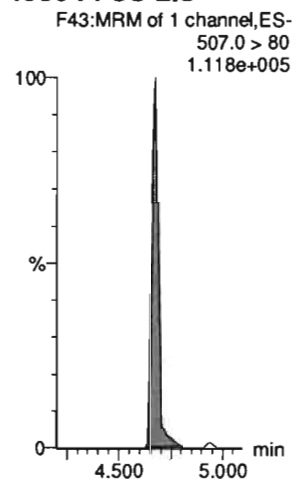
13C5-PFNA-EIS



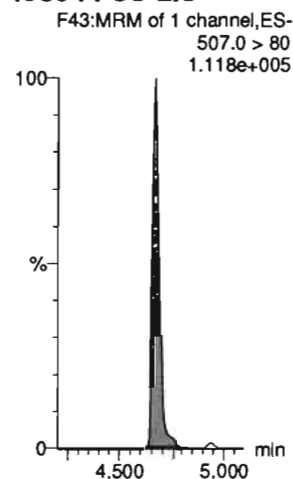
13C8-PFOSA-EIS



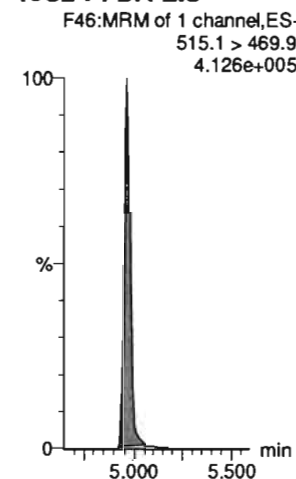
13C8-PFOS-EIS



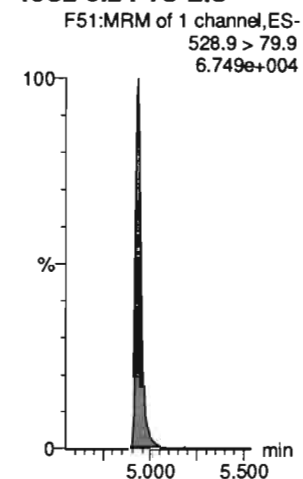
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



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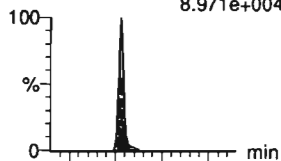
Last Altered: Friday, July 17, 2020 10:00:32 Pacific Daylight Time

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Name: 200716M1_14, Date: 16-Jul-2020, Time: 17:32:13, ID: ICV200716M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

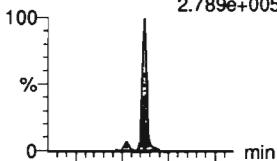
PFNS

F54:MRM of 2 channels,ES-
548.9 > 79.9
8.971e+004



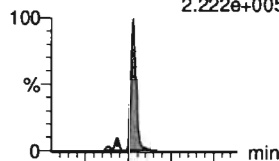
L-MeFOSAA

F57:MRM of 2 channels,ES-
570 > 419
2.789e+005



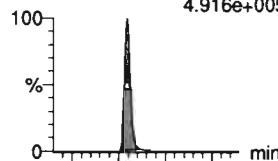
L-EtFOSAA

F60:MRM of 2 channels,ES-
583.9 > 419
2.222e+005



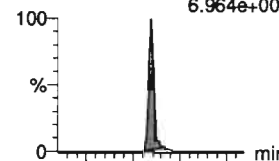
PFUdA

F55:MRM of 2 channels,ES-
563.0 > 518.9
4.916e+005



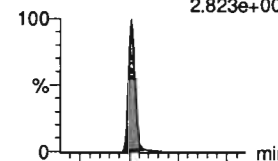
PFDS

F62:MRM of 2 channels,ES-
599.0 > 80.0
6.964e+004

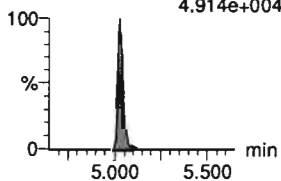


11Cl-PF30UdS

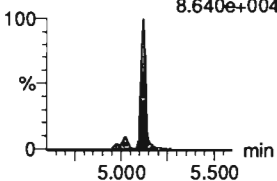
F69:MRM of 2 channels,ES-
630.9 > 450.9
2.823e+005



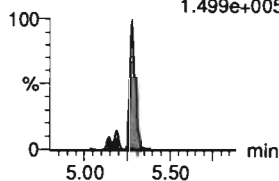
F54:MRM of 2 channels,ES-
548.9 > 98.9
4.914e+004



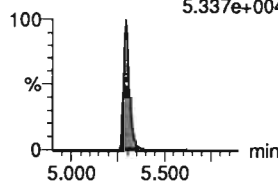
F57:MRM of 2 channels,ES-
570 > 512
8.640e+004



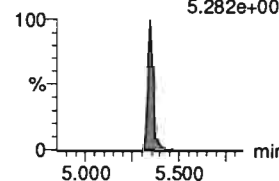
F60:MRM of 2 channels,ES-
583.9 > 526
1.499e+005



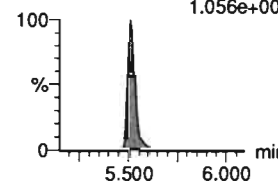
F55:MRM of 2 channels,ES-
563.0 > 269
5.337e+004



F62:MRM of 2 channels,ES-
599.0 > 99.0
5.282e+004

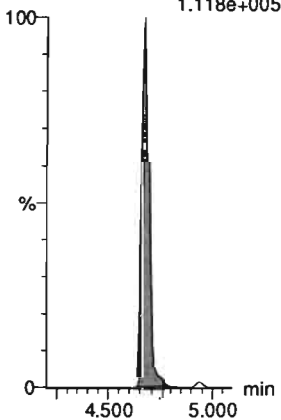


F69:MRM of 2 channels,ES-
630.9 > 83.
1.056e+004



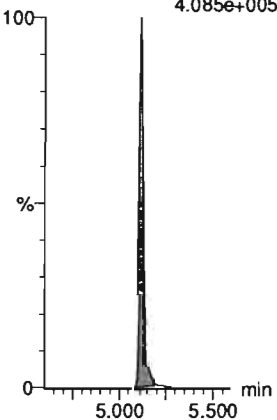
13C8-PFOS-EIS

F43:MRM of 1 channel,ES-
507.0 > 80
1.118e+005



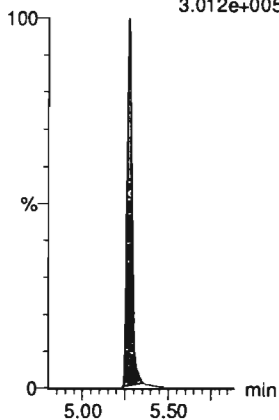
d3-N-MeFOSAA-EIS

F59:MRM of 1 channel,ES-
573. > 419
4.085e+005



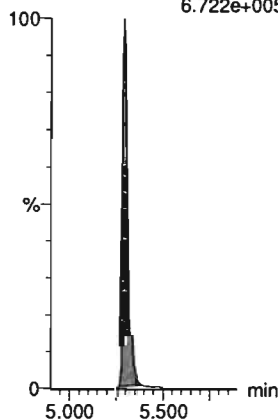
d5-N-EtFOSAA-EIS

F61:MRM of 1 channel,ES-
589. > 419
3.012e+005



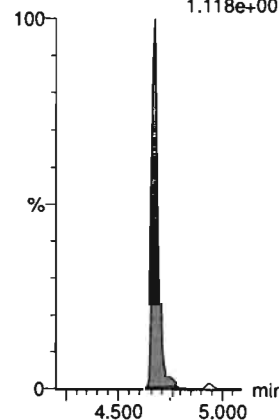
13C2-PFUdA-EIS

F56:MRM of 1 channel,ES-
565 > 519.8
6.722e+005



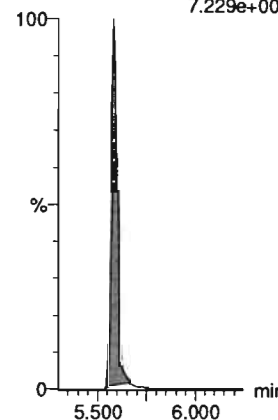
13C8-PFOS-EIS

F43:MRM of 1 channel,ES-
507.0 > 80
1.118e+005



13C2-PFDoA-EIS

F64:MRM of 1 channel,ES-
615 > 570
7.229e+005

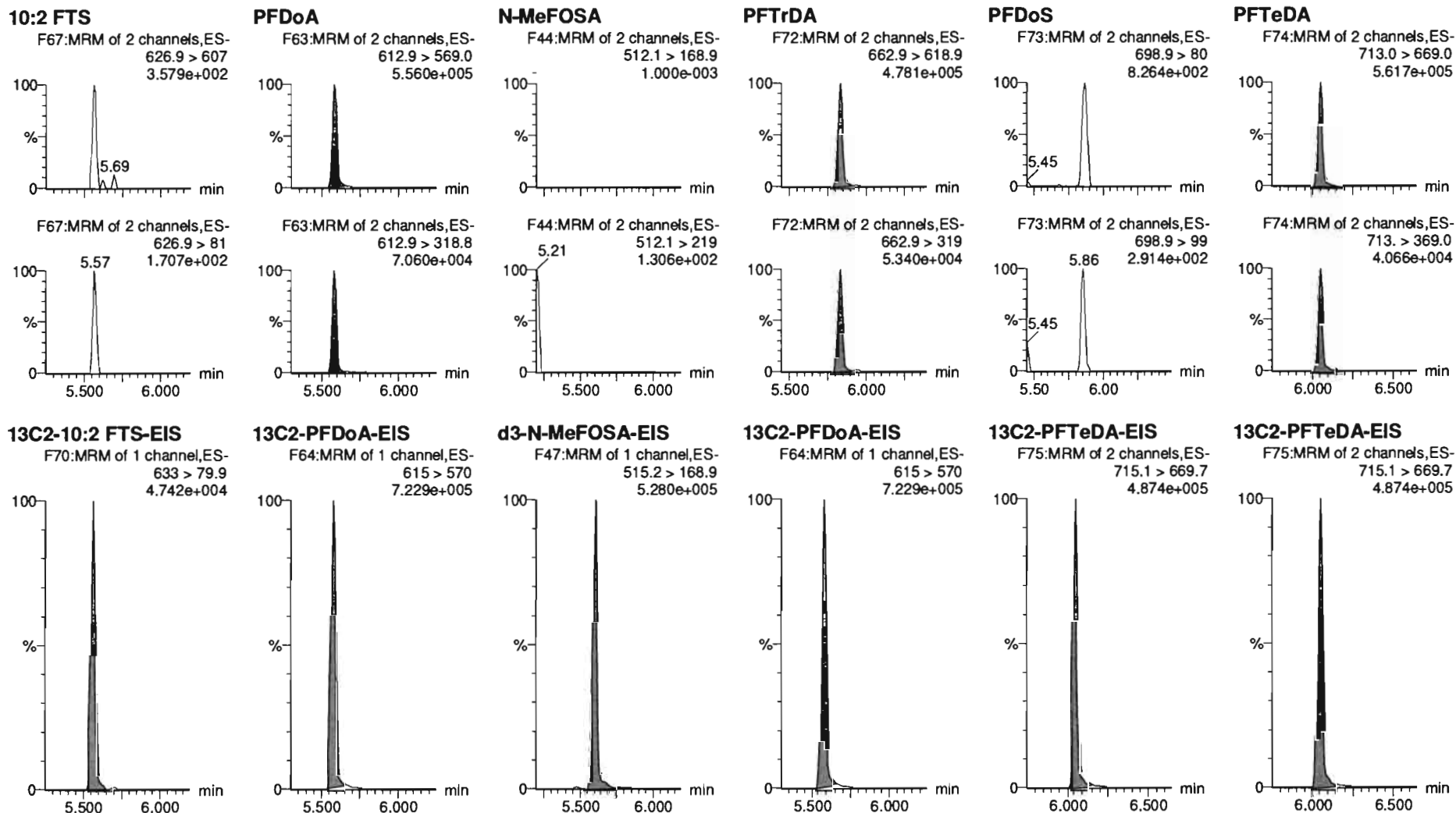


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-ICV.qld

Last Altered: Friday, July 17, 2020 10:00:32 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:00:58 Pacific Daylight Time

Name: 200716M1_14, Date: 16-Jul-2020, Time: 17:32:13, ID: ICV200716M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

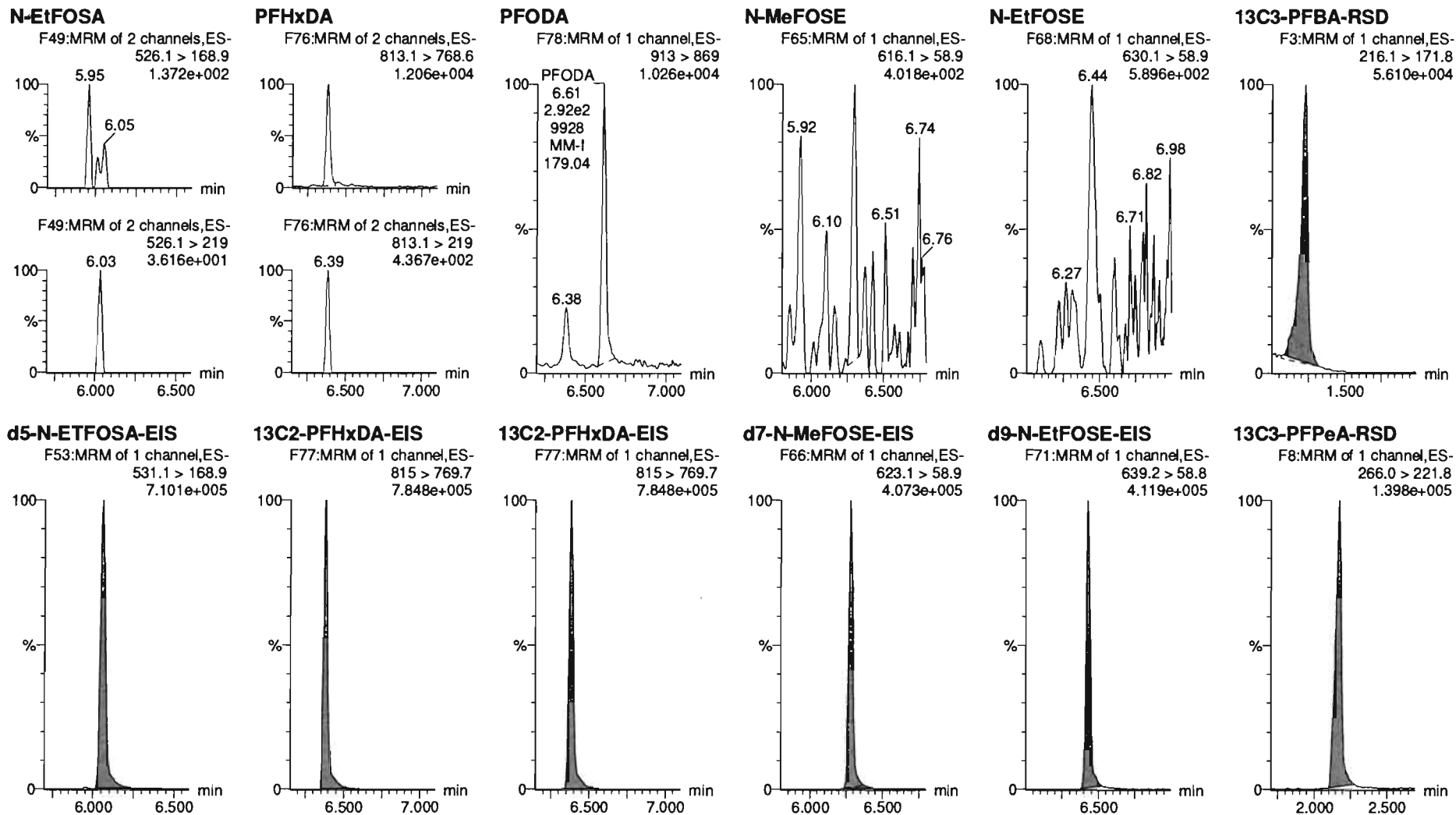


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-ICV.qld

Last Altered: Friday, July 17, 2020 10:00:32 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:00:58 Pacific Daylight Time

Name: 200716M1_14, Date: 16-Jul-2020, Time: 17:32:13, ID: ICV200716M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

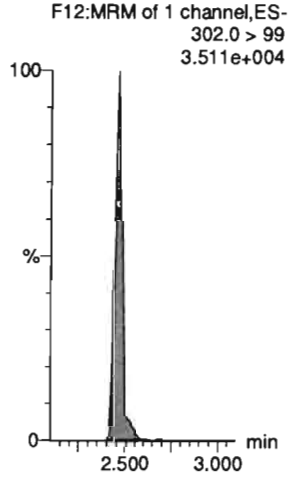


Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-ICV.qld

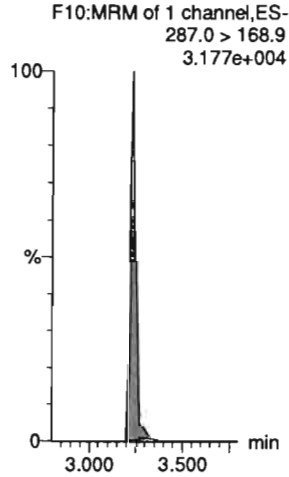
Last Altered: Friday, July 17, 2020 10:00:32 Pacific Daylight Time
Printed: Friday, July 17, 2020 10:00:58 Pacific Daylight Time

Name: 200716M1_14, Date: 16-Jul-2020, Time: 17:32:13, ID: ICV200716M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

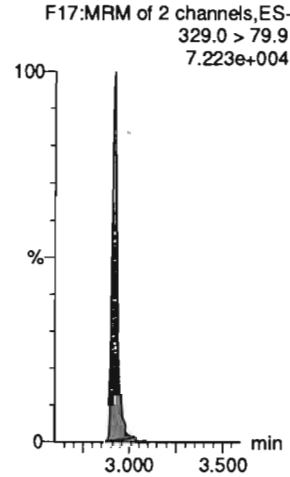
13C3-PFBS-RSD



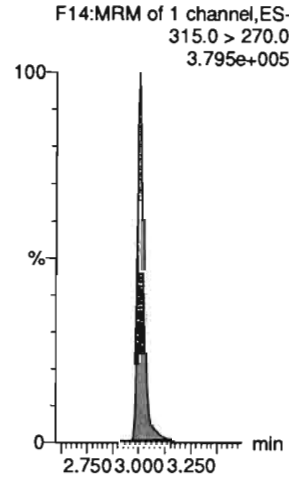
13C3-HFPO-DA-RSD



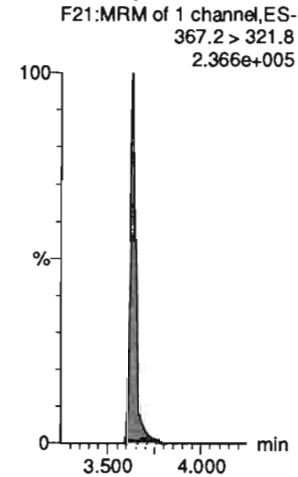
13C2-4:2 FTS-RSD



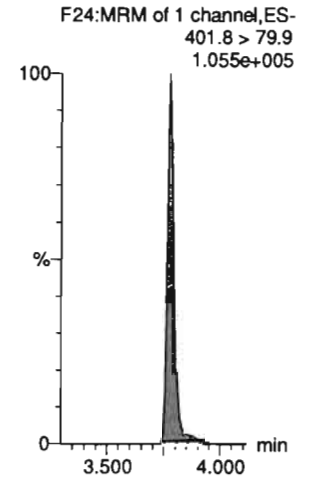
13C2-PFHxA-RSD



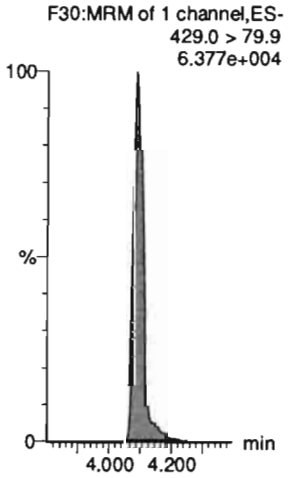
13C4-PFHpA-RSD



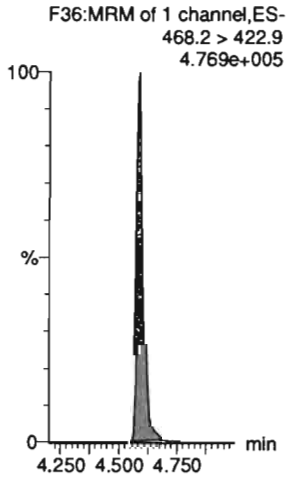
13C3-PFHxS-RSD



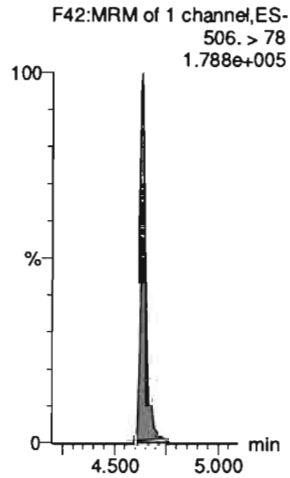
13C2-6:2 FTS-RSD



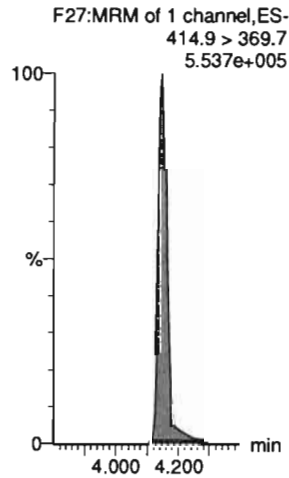
13C5-PFNA-RSD



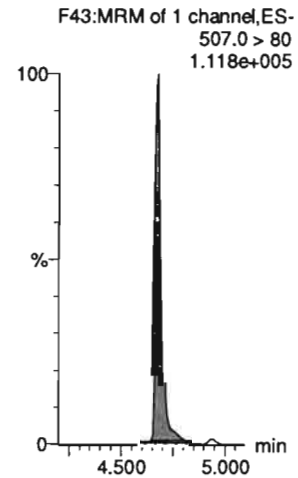
13C8-PFOA-RSD



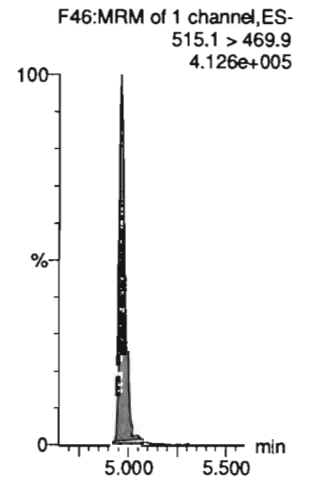
13C2-PFOA-RSD



13C8-PFOS-RSD



13C2-PFDA-RSD



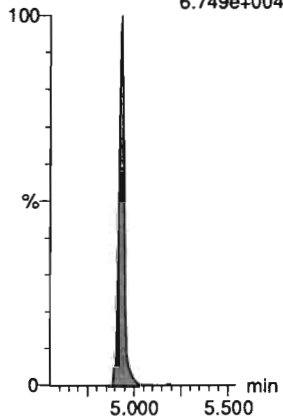
Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-ICV.qld

Last Altered: Friday, July 17, 2020 10:00:32 Pacific Daylight Time
Printed: Friday, July 17, 2020 10:00:58 Pacific Daylight Time

Name: 200716M1_14, Date: 16-Jul-2020, Time: 17:32:13, ID: ICV200716M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

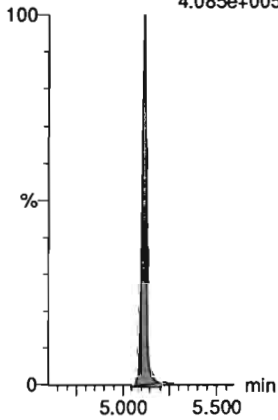
13C2-8:2 FTS-RSD

F51:MRM of 1 channel,ES-
528.9 > 79.9
6.749e+004



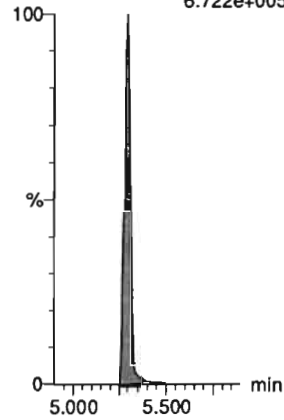
d3-N-MeFOSAA-RSD

F59:MRM of 1 channel,ES-
573. > 419
4.085e+005



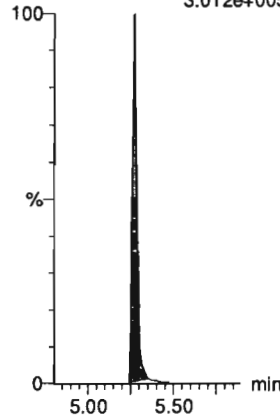
13C2-PFUDa-RSD

F56:MRM of 1 channel,ES-
565 > 519.8
6.722e+005



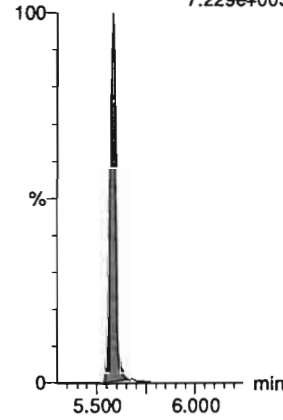
d5-N-EtFOSAA-RSD

F61:MRM of 1 channel,ES-
589. > 419
3.012e+005



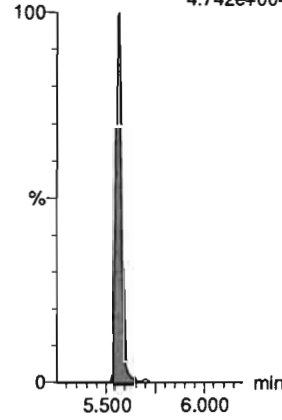
13C2-PFDoA-RSD

F64:MRM of 1 channel,ES-
615 > 570
7.229e+005



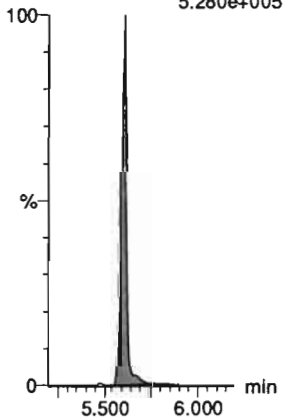
13C2-10:2 FTS-RSD

F70:MRM of 1 channel,ES-
633 > 79.9
4.742e+004



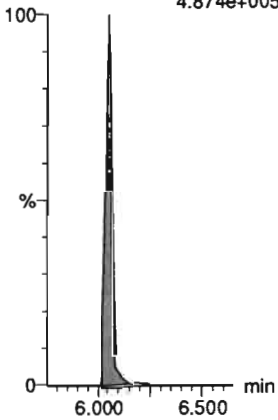
d3-N-MeFOSA-RSD

F47:MRM of 1 channel,ES-
515.2 > 168.9
5.280e+005



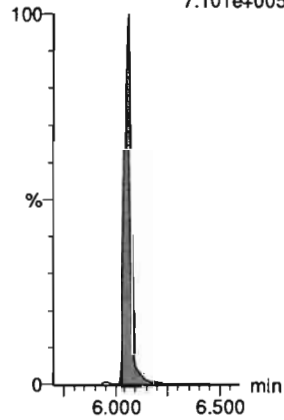
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
4.874e+005



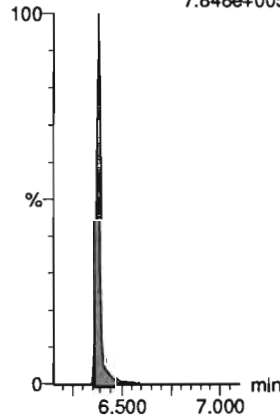
d5-N-ETFOSA-RSD

F53:MRM of 1 channel,ES-
531.1 > 168.9
7.101e+005



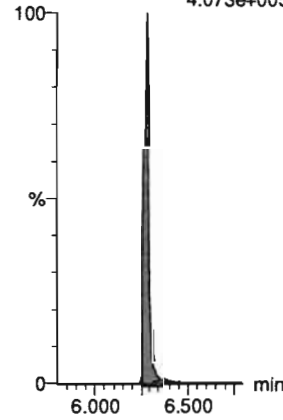
13C2-PFHxDA-RSD

F77:MRM of 1 channel,ES-
815 > 769.7
7.848e+005



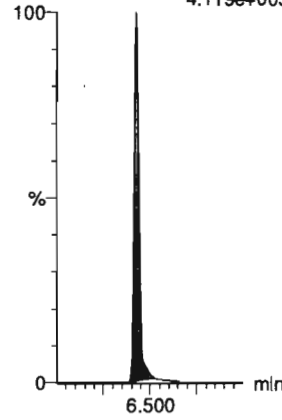
d7-N-MeFOSE-RSD

F66:MRM of 1 channel,ES-
623.1 > 58.9
4.073e+005



d9-N-EtFOSE-RSD

F71:MRM of 1 channel,ES-
639.2 > 58.8
4.119e+005



Dataset: F:\Projects\PFAS.PRO\Results\200716M1\200716M1-ICV.qld

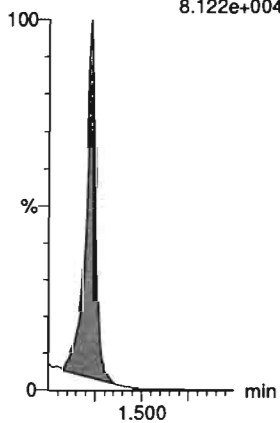
Last Altered: Friday, July 17, 2020 10:00:32 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:00:58 Pacific Daylight Time

Name: 200716M1_14, Date: 16-Jul-2020, Time: 17:32:13, ID: ICV200716M1-1 PFC ICV 20F1911, Description: PFC ICV 20F1911

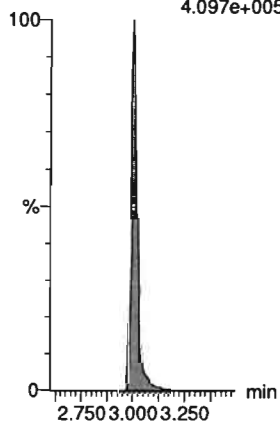
13C4-PFBA

F4:MRM of 1 channel,ES-
217.0 > 172.0
8.122e+004



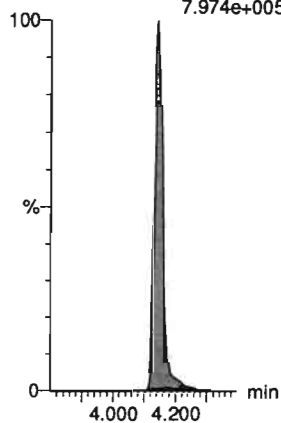
13C5-PFHxA

F15:MRM of 1 channel,ES-
318.0 > 272.9
4.097e+005



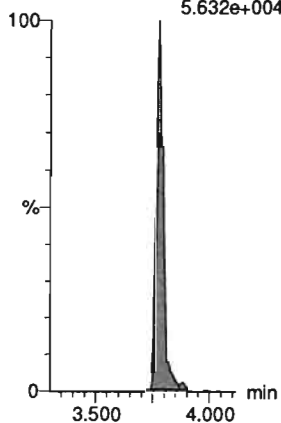
13C8-PFOA

F28:MRM of 1 channel,ES-
420.9 > 376.0
7.974e+005



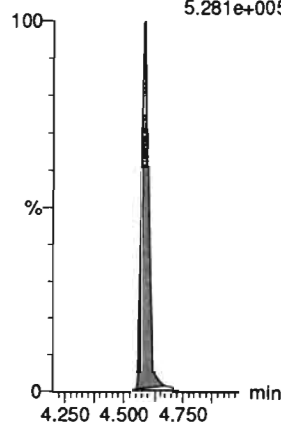
18O2-PFHxS

F25:MRM of 1 channel,ES-
403.0 > 103.0
5.632e+004



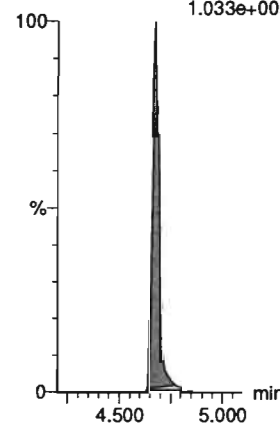
13C9-PFNA

F37:MRM of 1 channel,ES-
472.2 > 426.9
5.281e+005



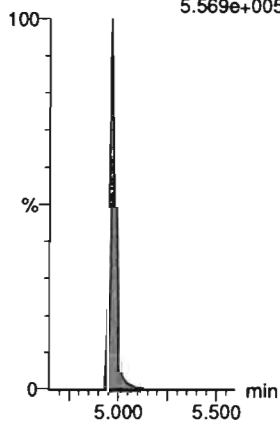
13C4-PFOS

F41:MRM of 1 channel,ES-
503 > 80.0
1.033e+005



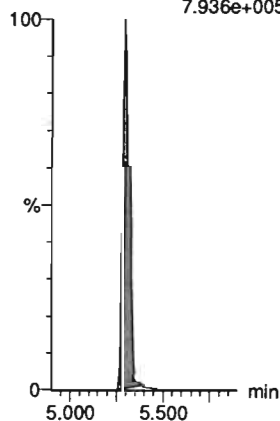
13C6-PFDA

F48:MRM of 1 channel,ES-
519.1 > 473.7
5.569e+005



13C7-PFUdA

F58:MRM of 1 channel,ES-
570.1 > 524.8
7.936e+005



Dataset: Untitled

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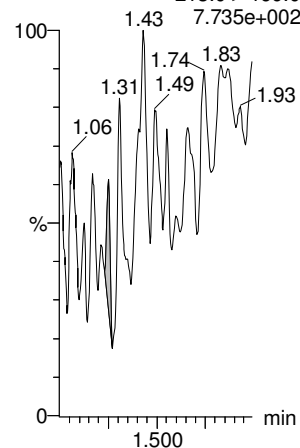
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_071620.mdb 17 Jul 2020 08:58:55

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_07-16-20.cdb 17 Jul 2020 09:45:49

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

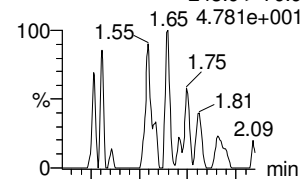
PFBA

IB IB F2:MRM of 1 channel,ES-
213.0 > 169.0
7.735e+002

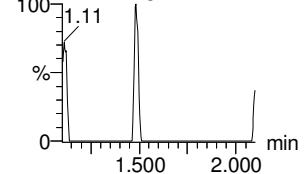


PFPrS

IB IB F6:MRM of 2 channels,ES-
248.9 > 79.9
4.781e+001

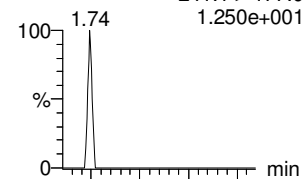


IB IB F6:MRM of 2 channels,ES-
248.9 > 98.9
1.917e+001

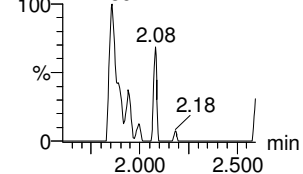


3:3 FTCA

IB IB F5:MRM of 2 channels,ES-
241.1 > 177.0
1.250e+001

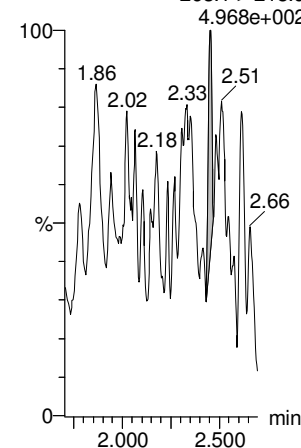


IB IB F5:MRM of 2 channels,ES-
241.1 > 117.0
3.607e+001



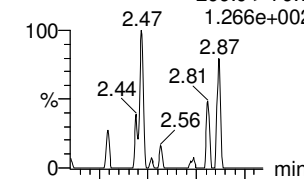
PFPeA

IB IB F7:MRM of 1 channel,ES-
263.1 > 218.9
4.968e+002

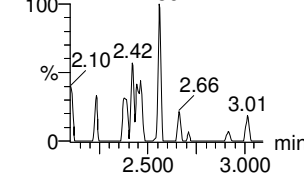


PFBS

F11:MRM of 2 channels,ES-
299.0 > 79.7
1.266e+002

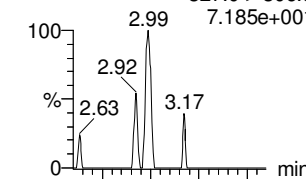


F11:MRM of 2 channels,ES-
299.0 > 99.0
9.543e+001

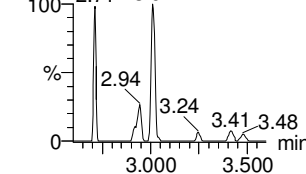


4:2 FTS

F16:MRM of 2 channels,ES-
327.0 > 306.9
7.185e+001

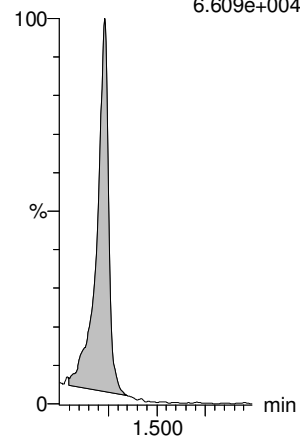


F16:MRM of 2 channels,ES-
327.0 > 80.9
2.895e+002



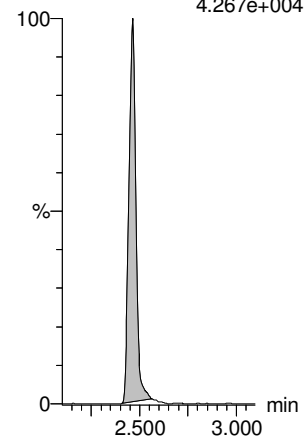
13C3-PFBA-EIS

IB IB F3:MRM of 1 channel,ES-
216.1 > 171.8
6.609e+004



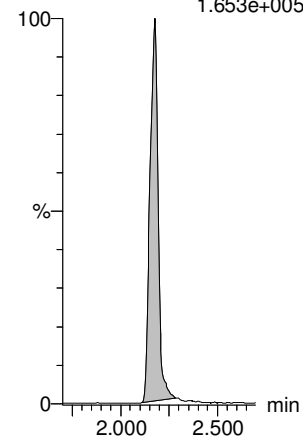
13C3-PFBS-EIS

IB IB F12:MRM of 1 channel,ES-
302.0 > 99
4.267e+004



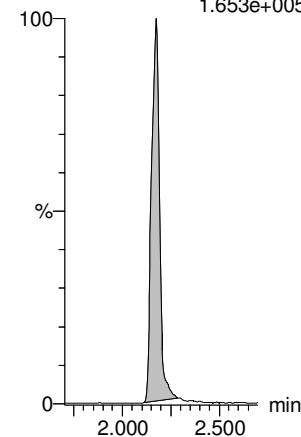
13C3-PFPeA-EIS

IB IB F8:MRM of 1 channel,ES-
266.0 > 221.8
1.653e+005



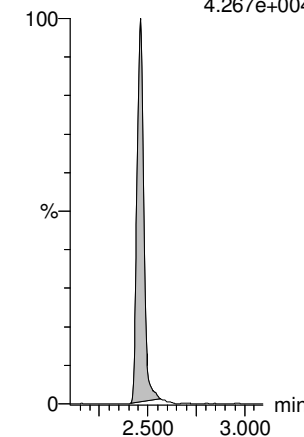
13C3-PFPeA-EIS

IB IB F8:MRM of 1 channel,ES-
266.0 > 221.8
1.653e+005



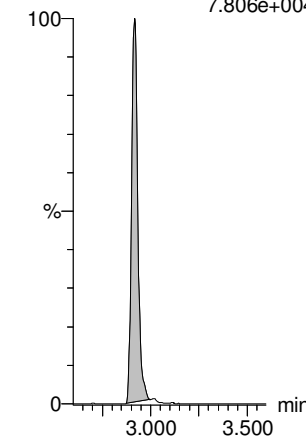
13C3-PFBS-EIS

IB IB F12:MRM of 1 channel,ES-
302.0 > 99
4.267e+004



13C2-4:2 FTS-EIS

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.806e+004



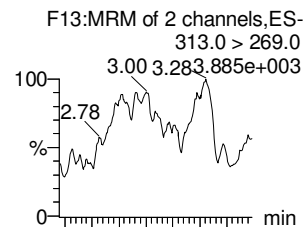
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Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

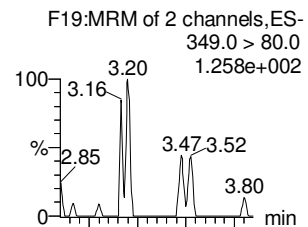
Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

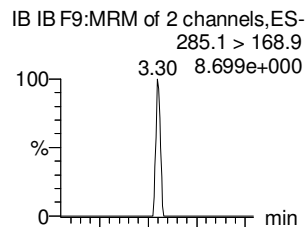
PFHxA



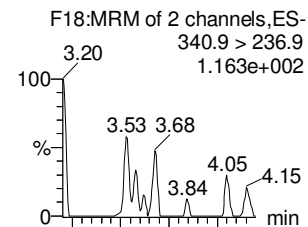
PFPeS



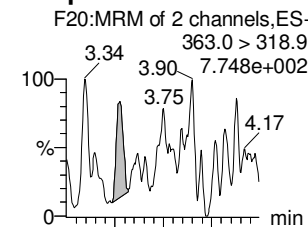
HFPO-DA



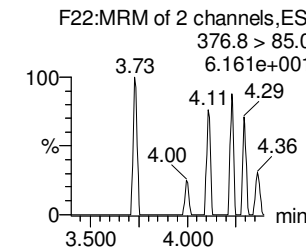
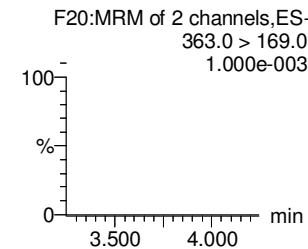
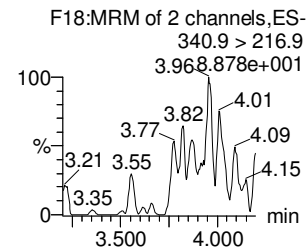
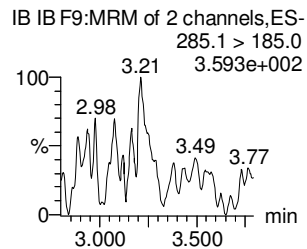
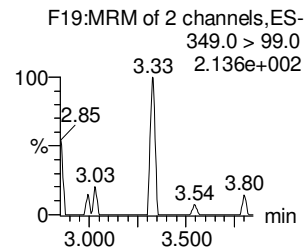
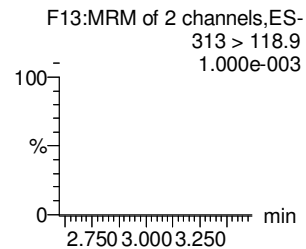
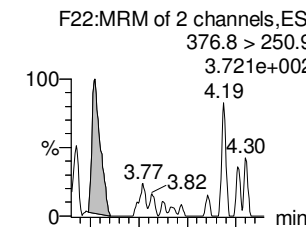
5:3 FTCA



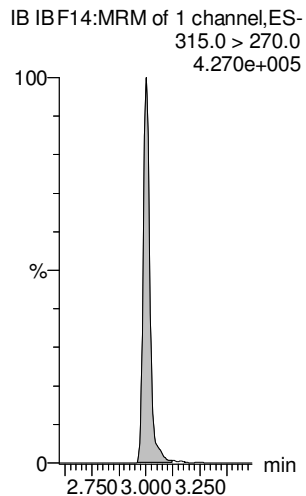
PFHpA



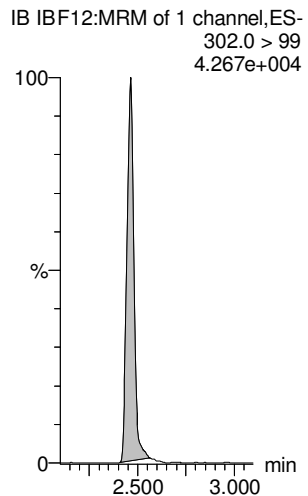
ADONA



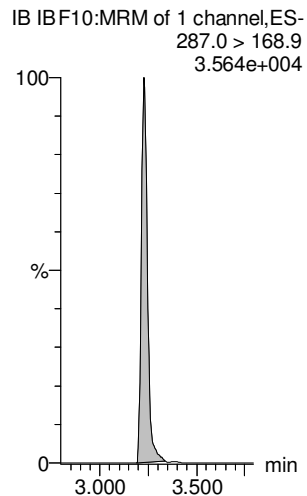
13C2-PFHxA-EIS



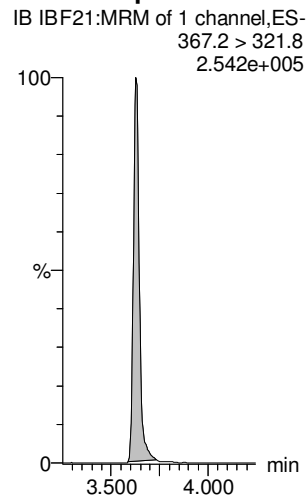
13C3-PFBS-EIS



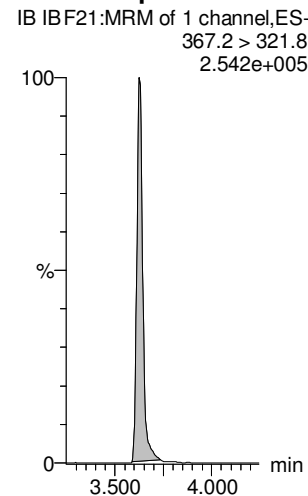
13C3-HFPO-DA-EIS



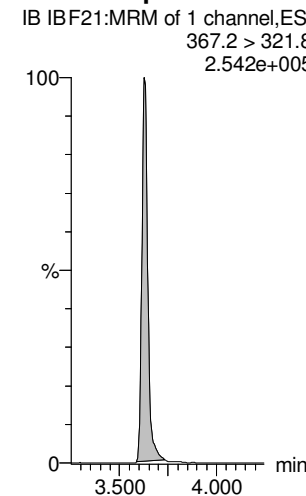
13C4-PFHpA-EIS



13C4-PFHpA-EIS



13C4-PFHpA-EIS



Dataset: Untitled

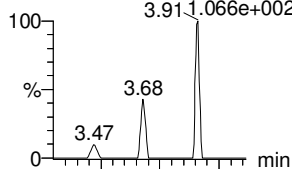
Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

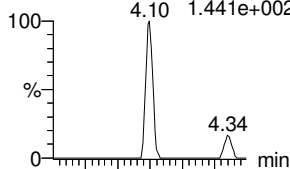
L-PFHxS

F23:MRM of 2 channels,ES-
399 > 80.0
1.066e+002



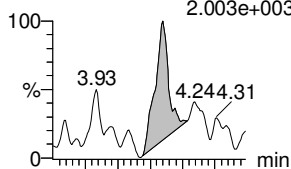
6:2 FTS

F29:MRM of 2 channels,ES-
427 > 407.0
1.441e+002



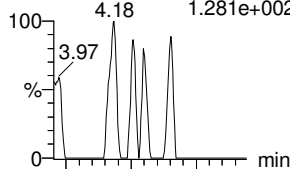
L-PFOA

F26:MRM of 2 channels,ES-
412.8 > 368.9
2.003e+003



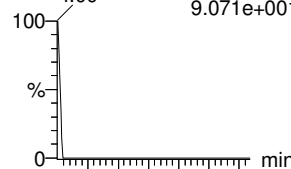
PFEChS

F34:MRM of 2 channels,ES-
460.8 > 381.0
1.281e+002



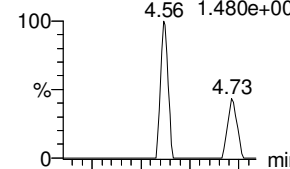
PFHps

F32:MRM of 2 channels,ES-
448.9 > 80.0
9.071e+001

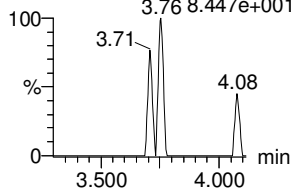


7:3 FTCA

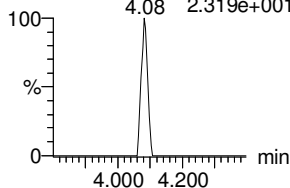
F31:MRM of 2 channels,ES-
441.0 > 337.0
1.480e+002



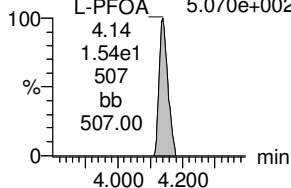
F23:MRM of 2 channels,ES-
399 > 99.0
8.447e+001



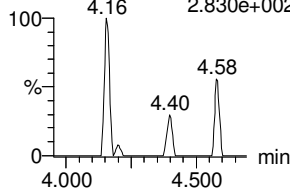
F29:MRM of 2 channels,ES-
427 > 80.9
2.319e+001



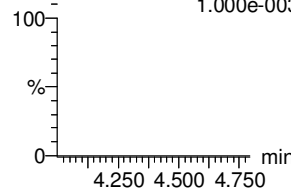
F26:MRM of 2 channels,ES-
412.8 > 169
5.070e+002



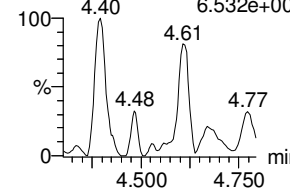
F34:MRM of 2 channels,ES-
460.8 > 98.9
2.830e+002



F32:MRM of 2 channels,ES-
448.9 > 99.0
1.000e-003

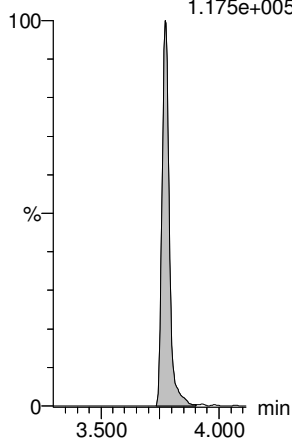


F31:MRM of 2 channels,ES-
441.0 > 317.0
6.532e+001



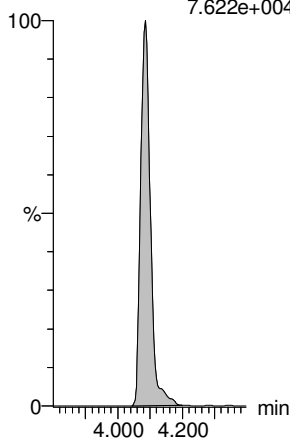
13C3-PFHxS-EIS

IB IBF24:MRM of 1 channel,ES-
401.8 > 79.9
1.175e+005



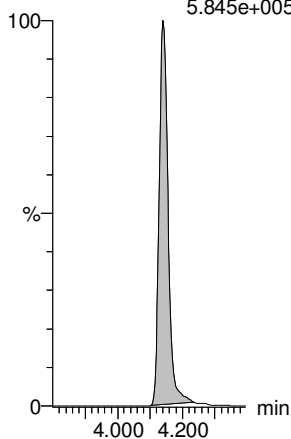
13C2-6:2 FTS-EIS

IB IBF30:MRM of 1 channel,ES-
429.0 > 79.9
7.622e+004



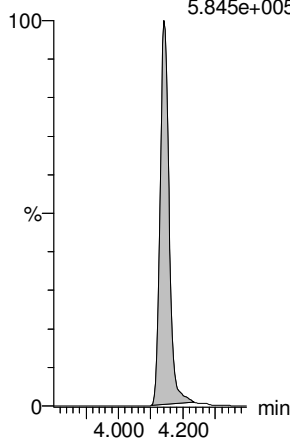
13C2-PFOA-EIS

IB IBF27:MRM of 1 channel,ES-
414.9 > 369.7
5.845e+005



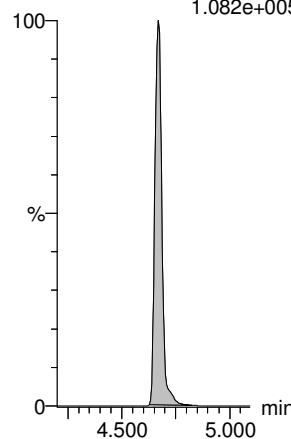
13C2-PFOA-EIS

IB IBF27:MRM of 1 channel,ES-
414.9 > 369.7
5.845e+005



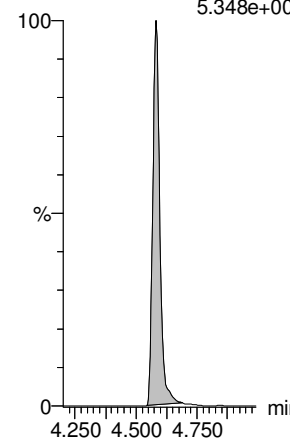
13C8-PFOS-EIS

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.082e+005



13C5-PFNA-EIS

IB IBF36:MRM of 1 channel,ES-
468.2 > 422.9
5.348e+005



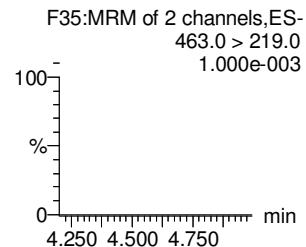
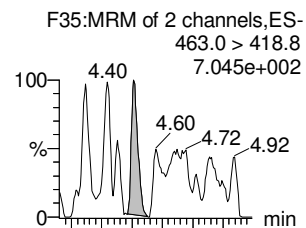
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Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

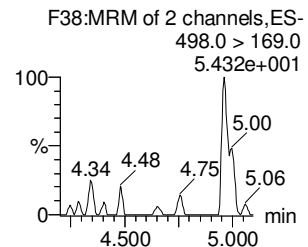
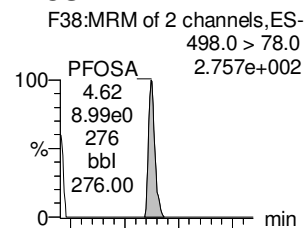
Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

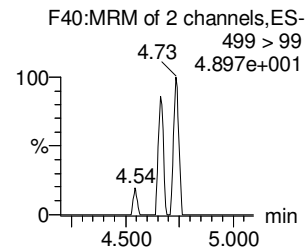
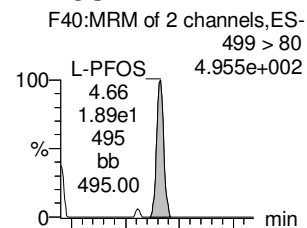
PFNA



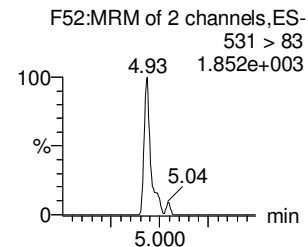
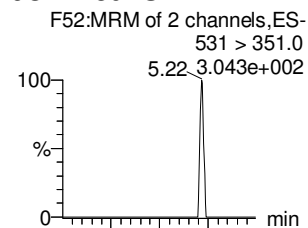
PFOSA



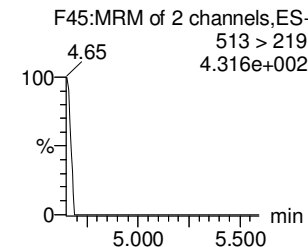
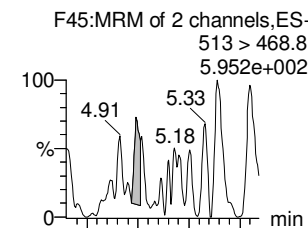
L-PFOS



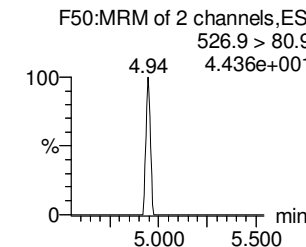
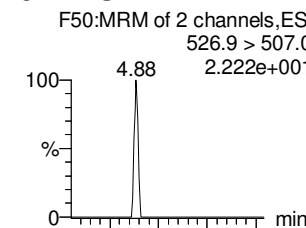
9CI-PF30NS



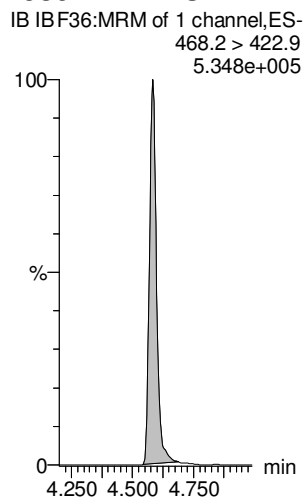
PFDA



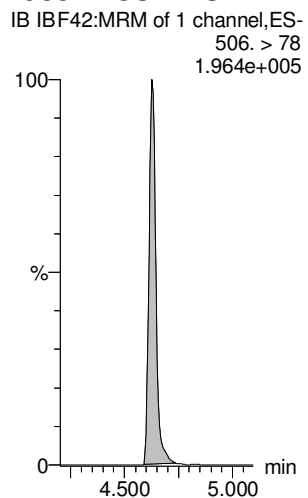
8:2 FTS



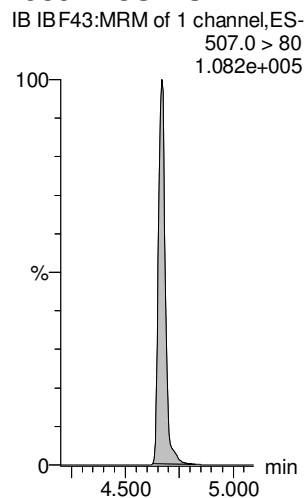
13C5-PFNA-EIS



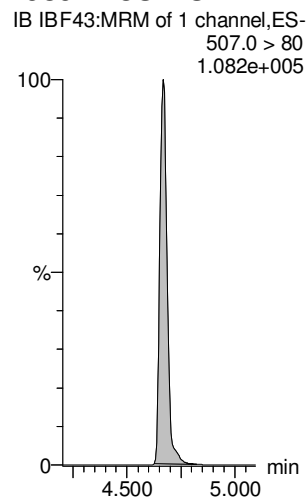
13C8-PFOSA-EIS



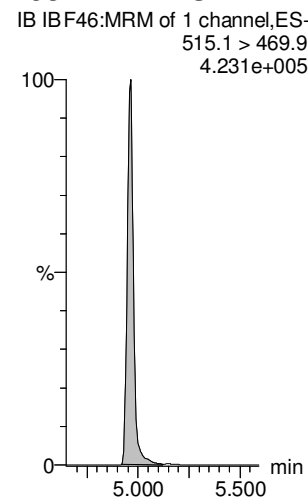
13C8-PFOS-EIS



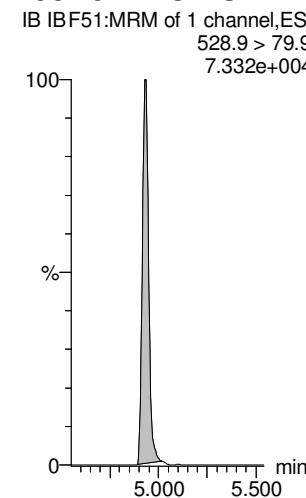
13C8-PFOS-EIS



13C2-PFDA-EIS



13C2-8:2 FTS-EIS



Dataset: Untitled

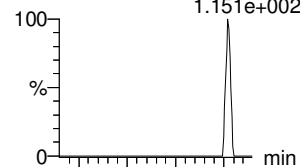
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Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

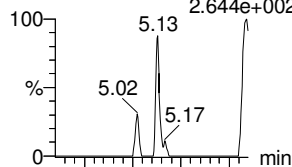
PFNS

F54:MRM of 2 channels,ES-
548.9 > 79.9
1.151e+002



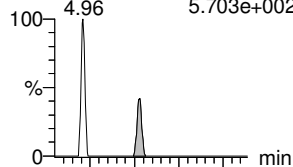
L-MeFOSAA

F57:MRM of 2 channels,ES-
570 > 419
2.644e+002



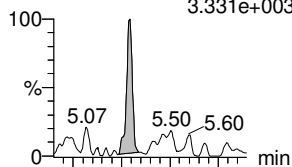
L-EtFOSAA

F60:MRM of 2 channels,ES-
583.9 > 419
5.703e+002



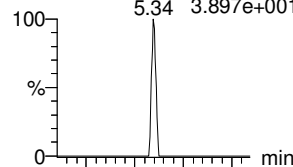
PFUdA

F55:MRM of 2 channels,ES-
563.0 > 518.9
3.331e+003



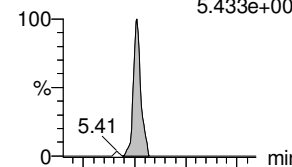
PFDS

F62:MRM of 2 channels,ES-
599.0 > 80.0
3.897e+001

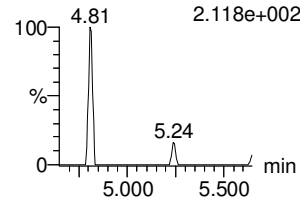


11Cl-PF30Uds

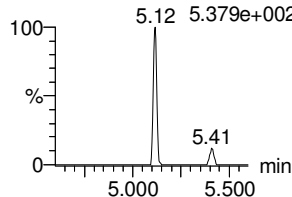
F69:MRM of 2 channels,ES-
630.9 > 450.9
5.433e+002



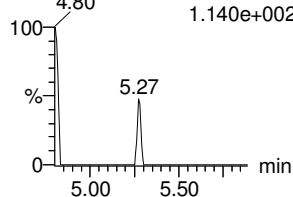
F54:MRM of 2 channels,ES-
548.9 > 98.9
2.118e+002



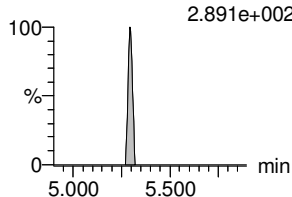
F57:MRM of 2 channels,ES-
570 > 512
5.379e+002



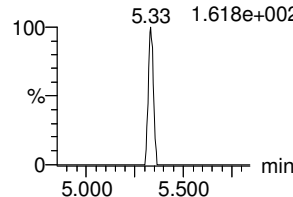
F60:MRM of 2 channels,ES-
583.9 > 526
1.140e+002



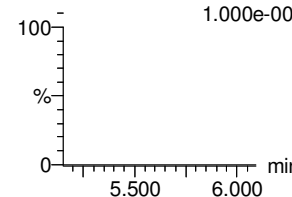
F55:MRM of 2 channels,ES-
563.0 > 269
2.891e+002



F62:MRM of 2 channels,ES-
599.0 > 99.0
1.618e+002

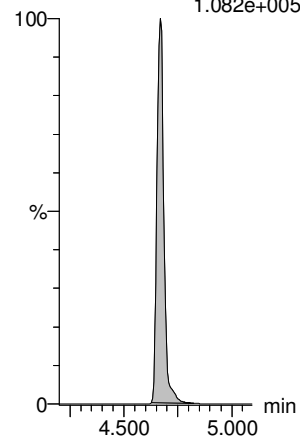


F69:MRM of 2 channels,ES-
630.9 > 83.
1.000e-003



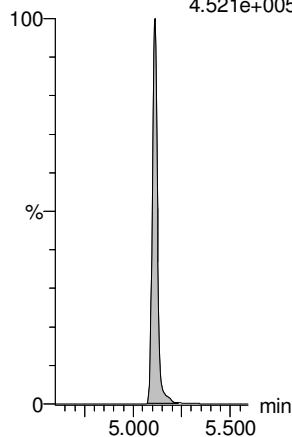
13C8-PFOS-EIS

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.082e+005



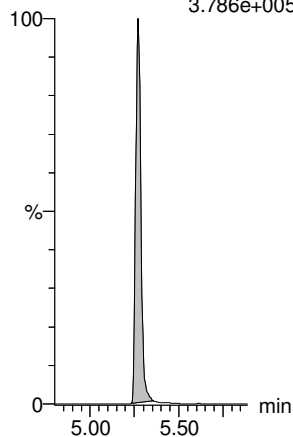
d3-N-MeFOSAA-EIS

IB IBF59:MRM of 1 channel,ES-
573 > 419
4.521e+005



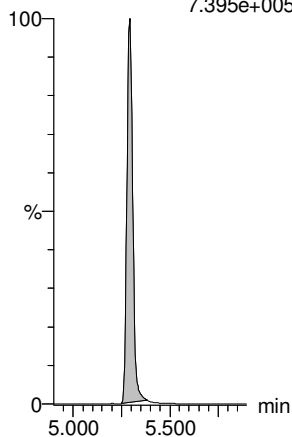
d5-N-EtFOSAA-EIS

IB IBF61:MRM of 1 channel,ES-
589 > 419
3.786e+005



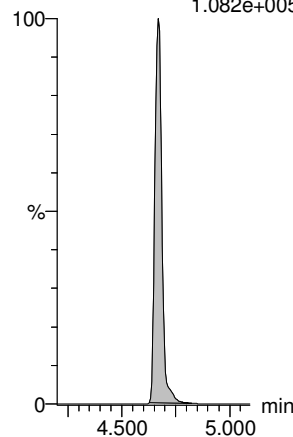
13C2-PFUdA-EIS

IB IBF56:MRM of 1 channel,ES-
565 > 519.8
7.395e+005



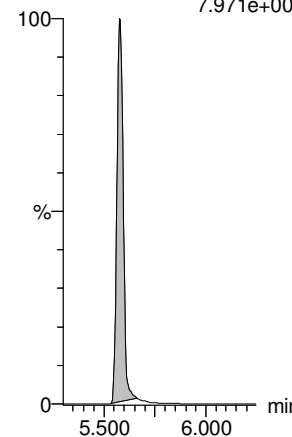
13C8-PFOS-EIS

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.082e+005



13C2-PFDoA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
7.971e+005



Dataset: Untitled

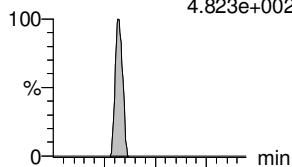
Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

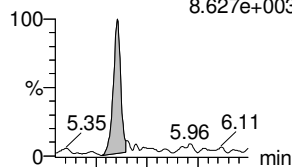
10:2 FTS

F67:MRM of 2 channels,ES-
626.9 > 607
4.823e+002



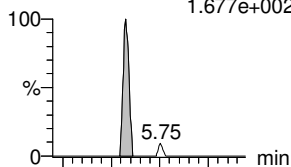
PFDaA

F63:MRM of 2 channels,ES-
612.9 > 569.0
8.627e+003



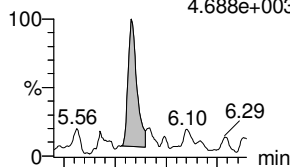
N-MeFOSA

F44:MRM of 2 channels,ES-
512.1 > 168.9
1.677e+002



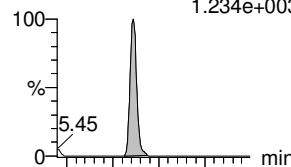
PFTrDA

F72:MRM of 2 channels,ES-
662.9 > 618.9
4.688e+003



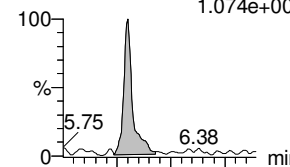
PFDoS

F73:MRM of 2 channels,ES-
698.9 > 80
1.234e+003

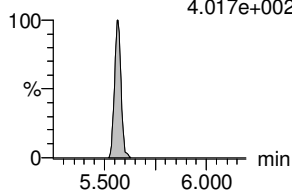


PFTeDA

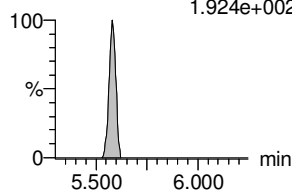
F74:MRM of 2 channels,ES-
713.0 > 669.0
1.074e+004



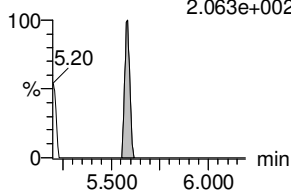
**F67:MRM of 2 channels,ES-
626.9 > 81
4.017e+002**



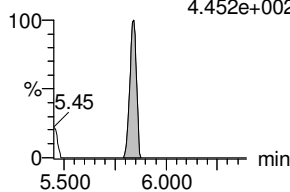
**F63:MRM of 2 channels,ES-
612.9 > 318.8
1.924e+002**



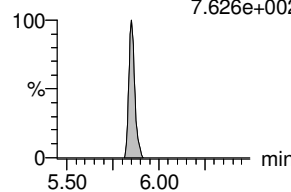
**F44:MRM of 2 channels,ES-
512.1 > 219
2.063e+002**



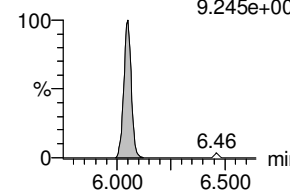
**F72:MRM of 2 channels,ES-
662.9 > 319
4.452e+002**



**F73:MRM of 2 channels,ES-
698.9 > 99
7.626e+002**

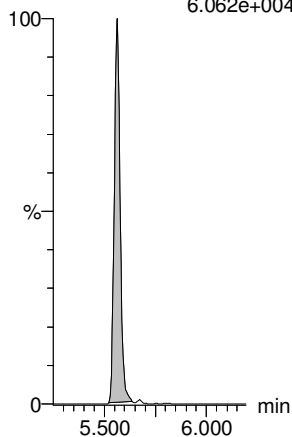


**F74:MRM of 2 channels,ES-
713.0 > 369.0
9.245e+002**



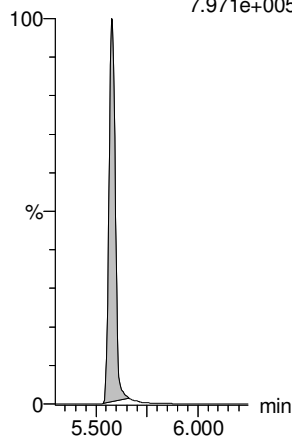
13C2-10:2 FTS-EIS

IB IBF70:MRM of 1 channel,ES-
633 > 79.9
6.062e+004



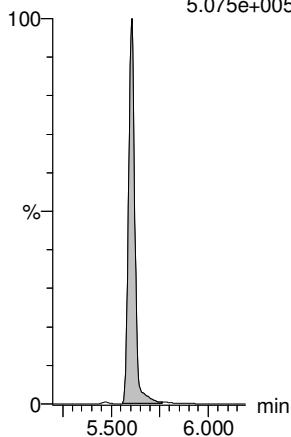
13C2-PFDaA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
7.971e+005



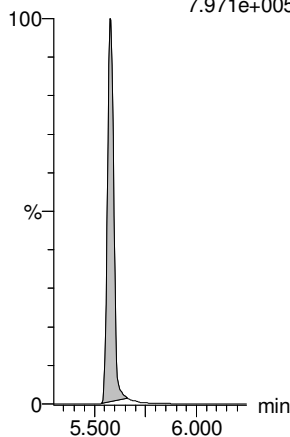
d3-N-MeFOSA-EIS

IB IBF47:MRM of 1 channel,ES-
515.2 > 168.9
5.075e+005



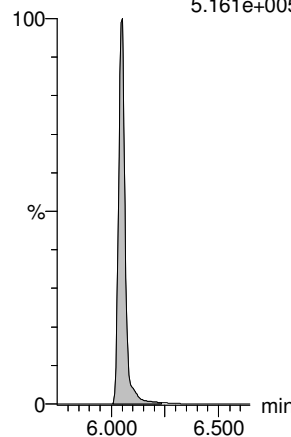
13C2-PFDaA-EIS

IB IBF64:MRM of 1 channel,ES-
615 > 570
7.971e+005



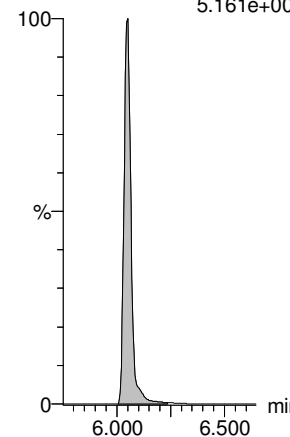
13C2-PFTeDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.161e+005



13C2-PFTeDA-EIS

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.161e+005



Dataset: Untitled

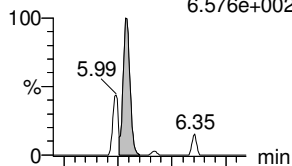
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Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

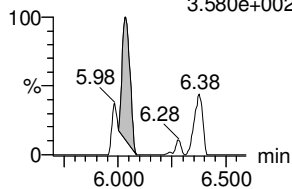
Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

N-EtFOSA

F49:MRM of 2 channels,ES-
526.1 > 168.9
6.576e+002

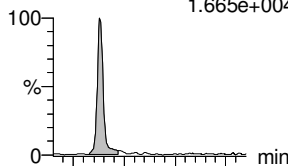


F49:MRM of 2 channels,ES-
526.1 > 219
3.580e+002

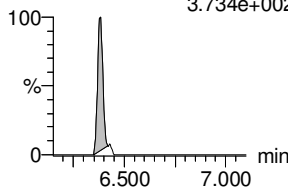


PFHxDA

F76:MRM of 2 channels,ES-
813.1 > 768.6
1.665e+004

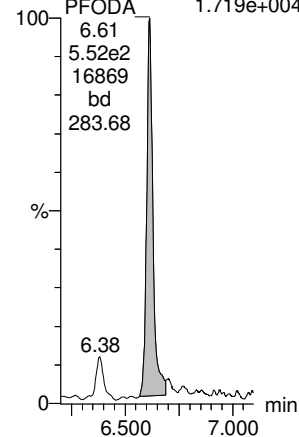


F76:MRM of 2 channels,ES-
813.1 > 219
3.734e+002



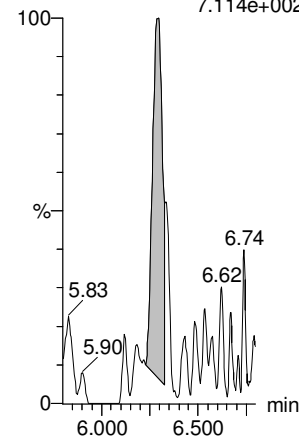
PFODA

IB IB F78:MRM of 1 channel,ES-
913 > 869
1.719e+004



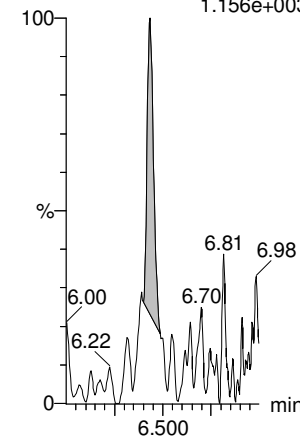
N-MeFOSE

IB IB F65:MRM of 1 channel,ES-
616.1 > 58.9
7.114e+002



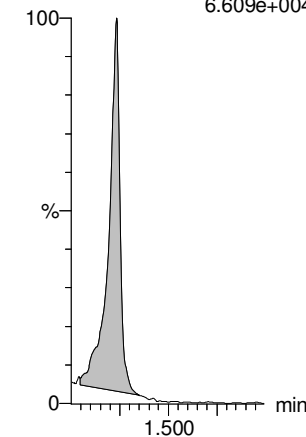
N-EtFOSE

IB IB F68:MRM of 1 channel,ES-
630.1 > 58.9
1.156e+003



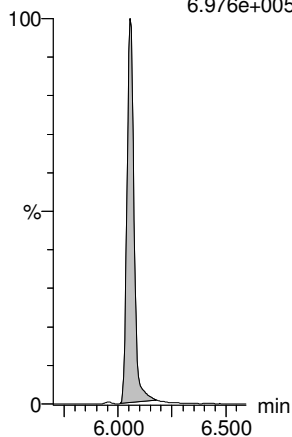
13C3-PFBA-RSD

IB IB F3:MRM of 1 channel,ES-
216.1 > 171.8
6.609e+004



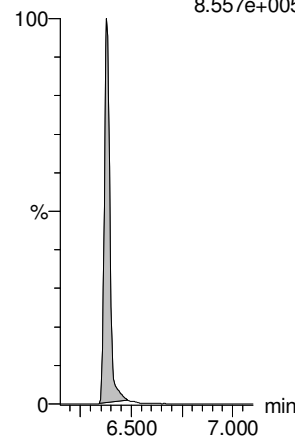
d5-N-ETFOSA-EIS

IB IB F53:MRM of 1 channel,ES-
531.1 > 168.9
6.976e+005



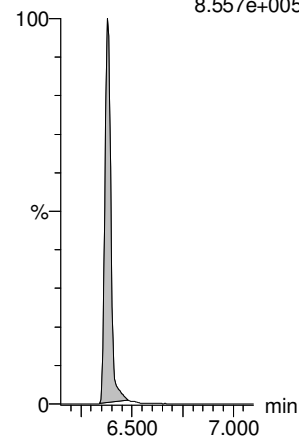
13C2-PFHxDA-EIS

IB IB F77:MRM of 1 channel,ES-
815 > 769.7
8.557e+005



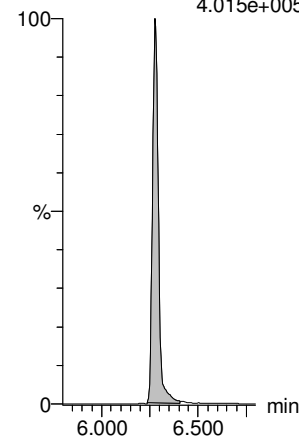
13C2-PFHxDA-EIS

IB IB F77:MRM of 1 channel,ES-
815 > 769.7
8.557e+005



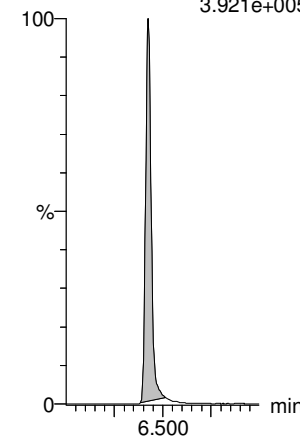
d7-N-MeFOSE-EIS

IB IB F66:MRM of 1 channel,ES-
623.1 > 58.9
4.015e+005



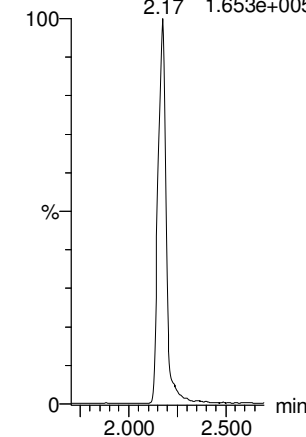
d9-N-EtFOSE-EIS

IB IB F71:MRM of 1 channel,ES-
639.2 > 58.8
3.921e+005



13C3-PFPeA-RSD

IB IB F8:MRM of 1 channel,ES-
266.0 > 221.8
1.653e+005



Dataset: Untitled

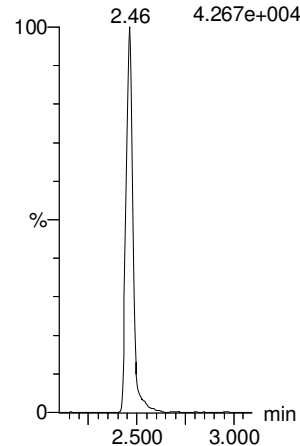
Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

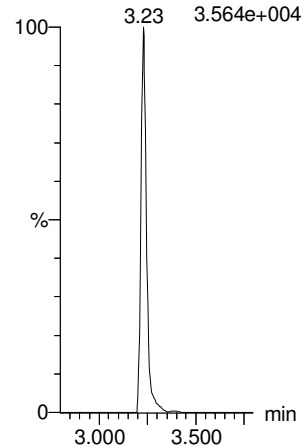
13C3-PFBS-RSD

IB IBF12:MRM of 1 channel,ES-
302.0 > 99
4.267e+004



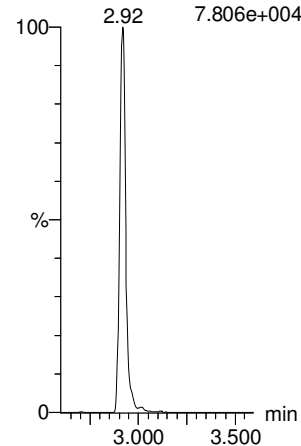
13C3-HFPO-DA-RSD

IB IBF10:MRM of 1 channel,ES-
287.0 > 168.9
3.564e+004



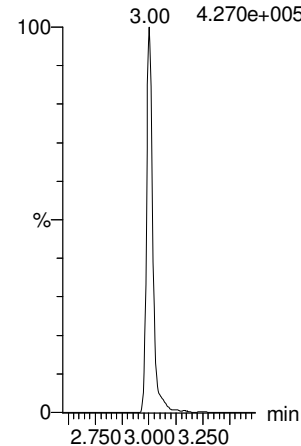
13C2-4:2 FTS-RSD

F17:MRM of 2 channels,ES-
329.0 > 79.9
7.806e+004



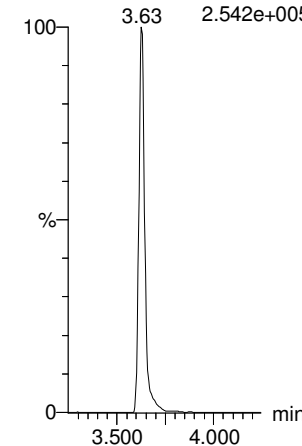
13C2-PFHxA-RSD

IB IBF14:MRM of 1 channel,ES-
315.0 > 270.0
4.270e+005



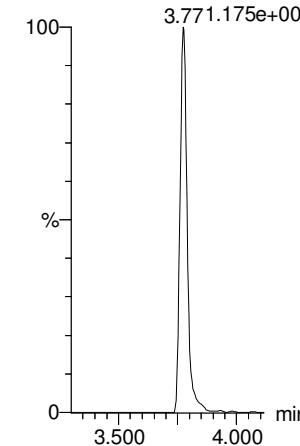
13C4-PFHpA-RSD

IB IBF21:MRM of 1 channel,ES-
367.2 > 321.8
2.542e+005



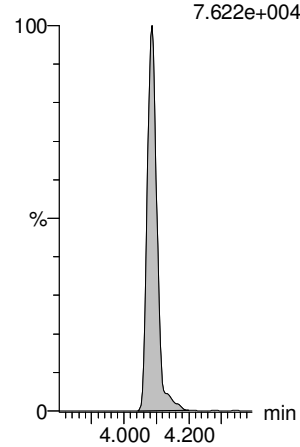
13C3-PFHxS-RSD

IB IBF24:MRM of 1 channel,ES-
401.8 > 79.9
1.175e+005



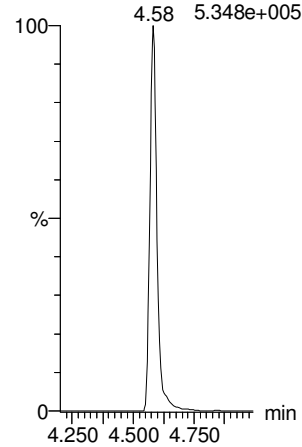
13C2-6:2 FTS-RSD

IB IBF30:MRM of 1 channel,ES-
429.0 > 79.9
7.622e+004



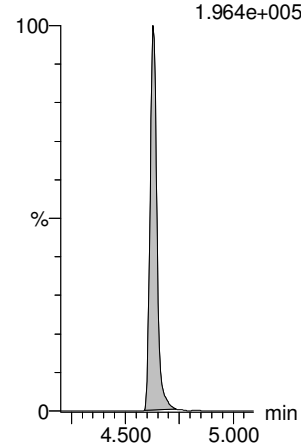
13C5-PFNA-RSD

IB IBF36:MRM of 1 channel,ES-
468.2 > 422.9
5.348e+005



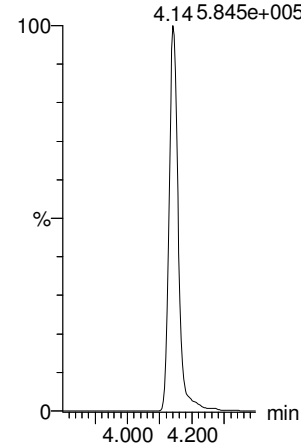
13C8-PFOA-RSD

IB IBF42:MRM of 1 channel,ES-
506. > 78
1.964e+005



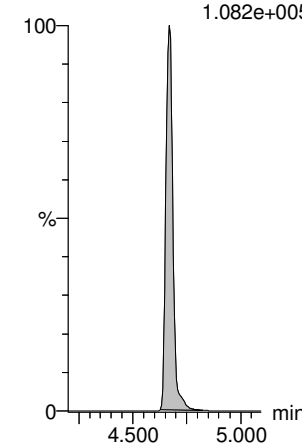
13C2-PFOA-RSD

IB IBF27:MRM of 1 channel,ES-
414.9 > 369.7
5.845e+005



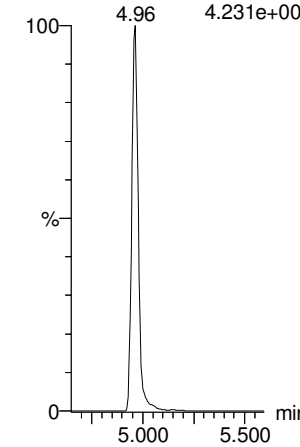
13C8-PFOS-RSD

IB IBF43:MRM of 1 channel,ES-
507.0 > 80
1.082e+005



13C2-PFDA-RSD

IB IBF46:MRM of 1 channel,ES-
515.1 > 469.9
4.231e+005



Dataset: Untitled

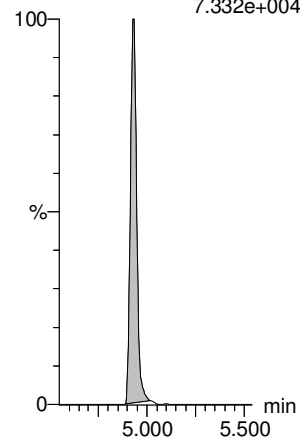
Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

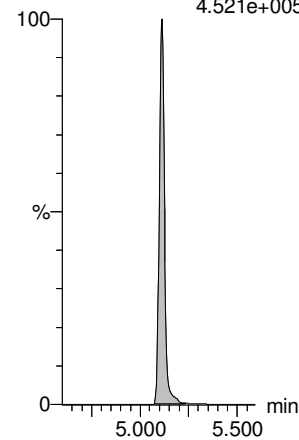
13C2-8:2 FTS-RSD

IB IBF51:MRM of 1 channel,ES-
528.9 > 79.9
7.332e+004



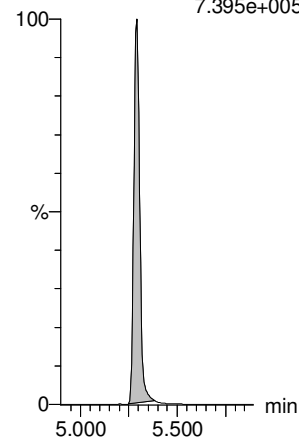
d3-N-MeFOSAA-RSD

IB IBF59:MRM of 1 channel,ES-
573. > 419
4.521e+005



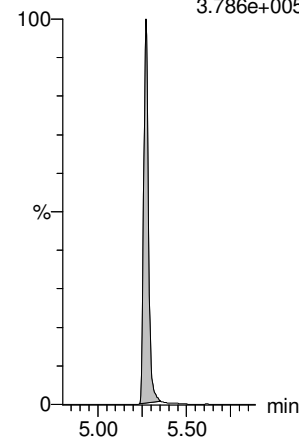
13C2-PFUdA-RSD

IB IBF56:MRM of 1 channel,ES-
565 > 519.8
7.395e+005



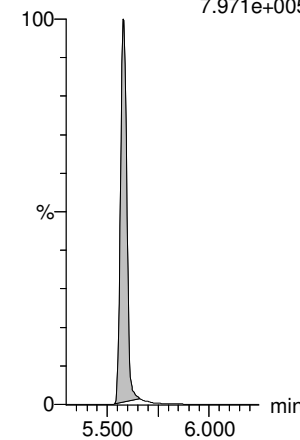
d5-N-EtFOSAA-RSD

IB IBF61:MRM of 1 channel,ES-
589. > 419
3.786e+005



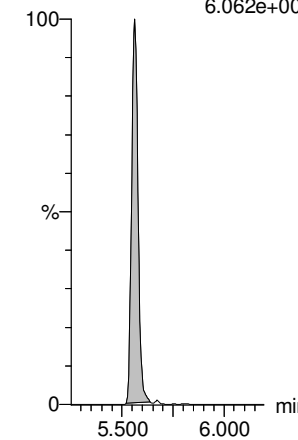
13C2-PFDoA-RSD

IB IBF64:MRM of 1 channel,ES-
615 > 570
7.971e+005



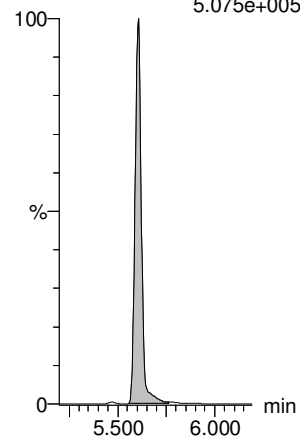
13C2-10:2 FTS-RSD

IB IBF70:MRM of 1 channel,ES-
633 > 79.9
6.062e+004



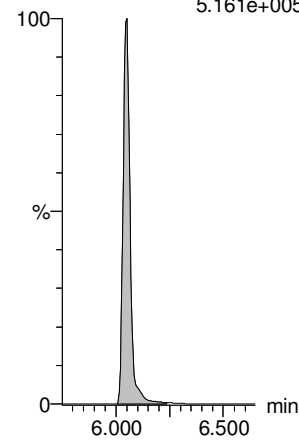
d3-N-MeFOSA-RSD

IB IBF47:MRM of 1 channel,ES-
515.2 > 168.9
5.075e+005



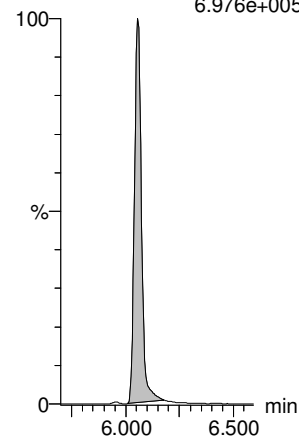
13C2-PFTeDA-RSD

F75:MRM of 2 channels,ES-
715.1 > 669.7
5.161e+005



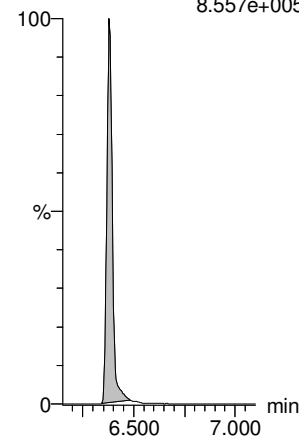
d5-N-ETFOSA-RSD

IB IBF53:MRM of 1 channel,ES-
531.1 > 168.9
6.976e+005



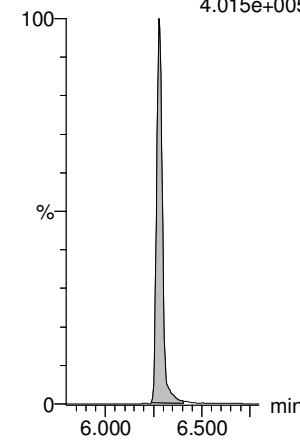
13C2-PFHxDA-RSD

IB IBF77:MRM of 1 channel,ES-
815 > 769.7
8.557e+005



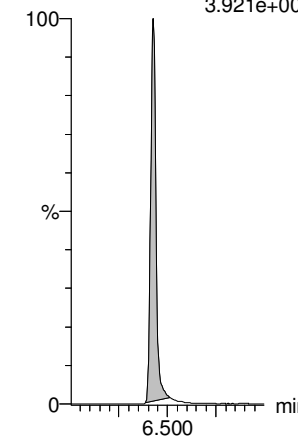
d7-N-MeFOSE-RSD

IB IBF66:MRM of 1 channel,ES-
623.1 > 58.9
4.015e+005



d9-N-EtFOSE-RSD

IB IBF71:MRM of 1 channel,ES-
639.2 > 58.8
3.921e+005



Dataset: Untitled

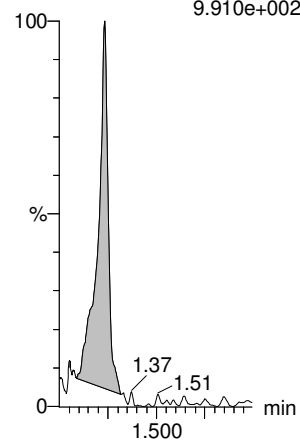
Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

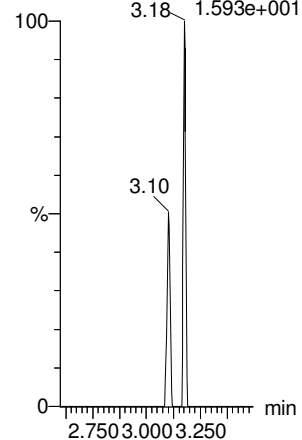
13C4-PFBA

IB IB F4:MIRM of 1 channel,ES-
217.0 > 172.0
9.910e+002



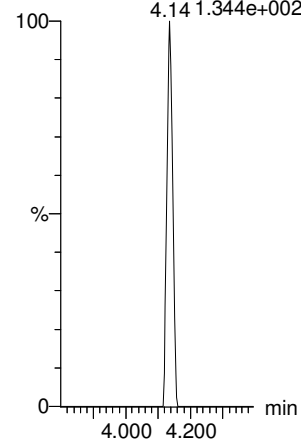
13C5-PFHxA

IB IB F15:MIRM of 1 channel,ES-
318.0 > 272.9
1.593e+001



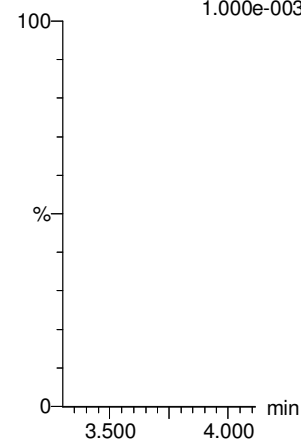
13C8-PFOA

IB IB F28:MIRM of 1 channel,ES-
420.9 > 376.0
1.344e+002



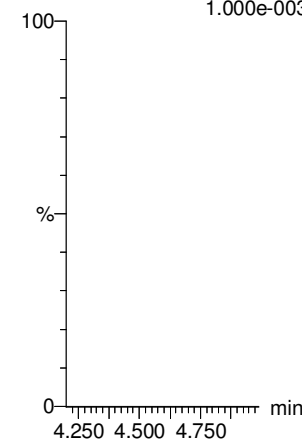
18O2-PFHxS

IB IB F25:MIRM of 1 channel,ES-
- 403.0 > 103.0
1.000e-003



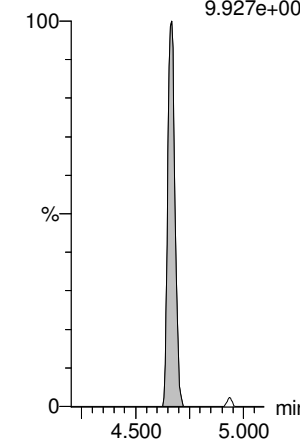
13C9-PFNA

IB IB F37:MIRM of 1 channel,ES-
- 472.2 > 426.9
1.000e-003



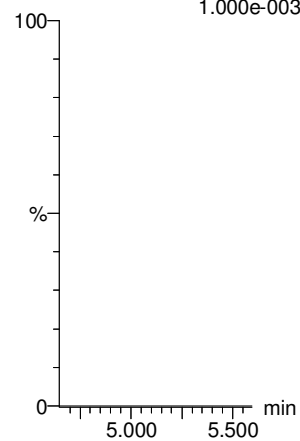
13C4-PFOS

IB IB F41:MIRM of 1 channel,ES-
503 > 80.0
9.927e+002



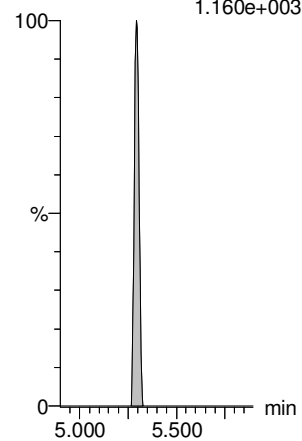
13C6-PFDA

IB IB F48:MIRM of 1 channel,ES-
- 519.1 > 473.7
1.000e-003



13C7-PFUdA

IB IB F58:MIRM of 1 channel,ES-
570.1 > 524.8
1.160e+003



Dataset: Untitled

Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	5.182	4434.297	1.00	1.25	0.015		0.0441		NO		
2	2 PFPrS	248.9 > 79.9		1730.476	1.00						NO		
3	3 3:3 FTCA	241.1 > 177.0		7810.505	1.00						NO		
4	4 PFPeA	263.1 > 218.9	5.555	7810.505	1.00	2.45	0.009		0.0231		NO		
5	5 PFBS	299.0 > 79.7		1730.476	1.00						NO		
6	6 4:2 FTS	327.0 > 306.9		2807.940	1.00						NO		
7	47 13C3-PFBA-EIS	216.1 > 171.8	4434.297		1.00	1.23	4434.297	12.500	16.0	127.7	NO		
8	51 13C3-PFBS-EIS	302.0 > 99	1730.476		1.00	2.46	1730.476	12.500	13.5	107.6	NO		
9	49 13C3-PFPeA-EIS	266.0 > 221.8	7810.505		1.00	2.17	7810.505	12.500	12.8	102.1	NO		
10	49 13C3-PFPeA-EIS	266.0 > 221.8	7810.505		1.00	2.17	7810.505	12.500	12.8	102.1	NO		
11	51 13C3-PFBS-EIS	302.0 > 99	1730.476		1.00	2.46	1730.476	12.500	13.5	107.6	NO		
12	55 13C2-4:2 FTS-EIS	329.0 > 79.9	2807.940		1.00	2.92	2807.940	12.500	13.1	104.4	NO		
13	-1												
14	7 PFHxA	313.0 > 269.0		14880.430	1.00						NO		
15	8 PFPeS	349.0 > 80.0		1730.476	1.00						NO		
16	9 HFPO-DA	285.1 > 168.9		1240.286	1.00						NO		
17	10 5:3 FTCA	340.9 > 236.9		8756.831	1.00						NO		
18	11 PFHpA	363.0 > 318.9	21.848	8756.831	1.00	3.53	0.031				NO		
19	12 ADONA	376.8 > 250.9	17.692	8756.831	1.00	3.53	0.025				NO		
20	57 13C2-PFHxA-EIS	315.0 > 270.0	14880.430		1.00	3.00	14880.430	12.500	13.1	104.6	NO		
21	51 13C3-PFBS-EIS	302.0 > 99	1730.476		1.00	2.46	1730.476	12.500	13.5	107.6	NO		
22	53 13C3-HFPO-DA-EIS	287.0 > 168.9	1240.286		1.00	3.23	1240.286	12.500	13.5	107.6	NO		
23	59 13C4-PFHpA-EIS	367.2 > 321.8	8756.831		1.00	3.63	8756.831	12.500	12.6	101.2	NO		
24	59 13C4-PFHpA-EIS	367.2 > 321.8	8756.831		1.00	3.63	8756.831	12.500	12.6	101.2	NO		
25	59 13C4-PFHpA-EIS	367.2 > 321.8	8756.831		1.00	3.63	8756.831	12.500	12.6	101.2	NO		
26	-1												
27	13 L-PFHxS	399 > 80.0		4122.390	1.00						NO		
28	15 6:2 FTS	427 > 407.0		2620.670	1.00						NO		
29	16 L-PFOA	412.8 > 368.9	83.416	18321.959	1.00	4.14	0.057		0.0427		NO	5.422	NO
30	18 PFecHS	460.8 > 381.0		18321.959	1.00						NO		
31	19 PFHpS	448.9 > 80.0		4126.378	1.00						NO		
32	20 7:3 FTCA	441.0 > 337.0		17381.471	1.00						NO		
33	61 13C3-PFHxS-EIS	401.8 > 79.9	4122.390		1.00	3.77	4122.390	12.500	13.1	104.7	NO		
34	63 13C2-6:2 FTS-EIS	429.0 > 79.9	2620.670		1.00	4.09	2620.670	12.500	12.9	103.4	NO		
35	69 13C2-PFOA-EIS	414.9 > 369.7	18321.959		1.00	4.14	18321.959	12.500	13.1	104.7	NO		
36	69 13C2-PFOA-EIS	414.9 > 369.7	18321.959		1.00	4.14	18321.959	12.500	13.1	104.7	NO		

Dataset: Untitled

Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

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Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	73 13C8-PFOS-EIS	507.0 > 80	4126.378		1.00	4.67	4126.378	12.500	11.9	95.5	NO		
38	65 13C5-PFNA-EIS	468.2 > 422.9	17381.471		1.00	4.58	17381.471	12.500	13.5	108.0	NO		
39	-1												
40	21 PFNA	463.0 > 418.8	20.780	17381.471	1.00	4.51	0.015		0.0415		NO		
41	22 PFOSA	498.0 > 78.0	8.987	7013.849	1.00	4.62	0.016				NO		
42	23 L-PFOS	499 > 80	18.868	4126.378	1.00	4.66	0.057		0.0519		NO		
43	25 9CI-PF30NS	531 > 351.0		4126.378	1.00						NO		
44	26 PFDA	513 > 468.8	11.459	15410.529	1.00	4.99	0.009				NO		
45	27 8:2 FTS	526.9 > 507.0		2629.430	1.00						NO		
46	65 13C5-PFNA-EIS	468.2 > 422.9	17381.471		1.00	4.58	17381.471	12.500	13.5	108.0	NO		
47	67 13C8-PFOSA-EIS	506. > 78	7013.849		1.00	4.63	7013.849	12.500	13.1	105.1	NO		
48	73 13C8-PFOS-EIS	507.0 > 80	4126.378		1.00	4.67	4126.378	12.500	11.9	95.5	NO		
49	73 13C8-PFOS-EIS	507.0 > 80	4126.378		1.00	4.67	4126.378	12.500	11.9	95.5	NO		
50	75 13C2-PFDA-EIS	515.1 > 469.9	15410.529		1.00	4.96	15410.529	12.500	12.6	101.1	NO		
51	77 13C2-8:2 FTS-EIS	528.9 > 79.9	2629.430		1.00	4.93	2629.430	12.500	12.8	102.1	NO		
52	-1												
53	28 PFNS	548.9 > 79.9		4126.378	1.00						NO		
54	29 L-MeFOSAA	570 > 419		13577.655	1.00						NO		
55	31 L-EtFOSAA	583.9 > 419	7.224	12572.043	1.00	5.28	0.007		0.0720		NO		
56	33 PFUdA	563.0 > 518.9	108.380	24846.676	1.00	5.29	0.055		0.0165		NO	15.017	YES
57	34 PFDS	599.0 > 80.0		4126.378	1.00						NO		
58	35 11CI-PF30UdS	630.9 > 450.9	22.421	27846.889	1.00	5.51	0.010				NO		
59	73 13C8-PFOS-EIS	507.0 > 80	4126.378		1.00	4.67	4126.378	12.500	11.9	95.5	NO		
60	79 d3-N-MeFOSAA-EIS	573. > 419	13577.655		1.00	5.11	13577.655	12.500	12.3	98.7	NO		
61	83 d5-N-EtFOSAA-EIS	589. > 419	12572.043		1.00	5.27	12572.043	12.500	12.9	103.2	NO		
62	81 13C2-PFUdA-EIS	565 > 519.8	24846.676		1.00	5.29	24846.676	12.500	13.3	106.5	NO		
63	73 13C8-PFOS-EIS	507.0 > 80	4126.378		1.00	4.67	4126.378	12.500	11.9	95.5	NO		
64	85 13C2-PFDoA-EIS	615 > 570	27846.889		1.00	5.58	27846.889	12.500	12.9	102.8	NO		
65	-1												
66	36 10:2 FTS	626.9 > 607	21.299	2131.885	1.00	5.57	0.125		0.0351		NO	1.370	NO
67	37 PFDoA	612.9 > 569.0	346.319	27846.889	1.00	5.60	0.155		0.145		NO	48.497	YES
68	38 N-MeFOSA	512.1 > 168.9	5.692	18487.889	1.00	5.57	0.046				NO	0.943	NO
69	39 PFTTrDA	662.9 > 618.9	214.432	27846.889	1.00	5.83	0.096		0.0628		NO	13.019	NO
70	40 PFDoS	698.9 > 80	50.605	18912.121	1.00	5.86	0.033		0.181		NO	1.802	NO
71	41 PFTeDA	713.0 > 669.0	496.588	18912.121	1.00	6.05	0.328		0.216		NO	13.860	NO
72	87 13C2-10:2 FTS-EIS	633 > 79.9	2131.885		1.00	5.56	2131.885	12.500	13.6	109.0	NO		

Dataset: Untitled

Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

Printed: Friday, July 17, 2020 10:05:32 Pacific Daylight Time

Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	85 13C2-PFDoA-EIS	615 > 570	27846.889		1.00	5.58	27846.889	12.500	12.9	102.8	NO		
74	89 d3-N-MeFOSA-EIS	515.2 > 168.9	18487.889		1.00	5.61	18487.889	149.200	137	92.0	NO		
75	85 13C2-PFDoA-EIS	615 > 570	27846.889		1.00	5.58	27846.889	12.500	12.9	102.8	NO		
76	91 13C2-PFTeDA-EIS	715.1 > 669.7	18912.121		1.00	6.05	18912.121	12.500	12.8	102.7	NO		
77	91 13C2-PFTeDA-EIS	715.1 > 669.7	18912.121		1.00	6.05	18912.121	12.500	12.8	102.7	NO		
78	-1												
79	42 N-EtFOSA	526.1 > 168.9	23.440	25914.576	1.00	6.04	0.135				NO	1.783	NO
80	43 PFHxDA	813.1 > 768.6	586.975	28050.771	1.00	6.38	0.262		0.243		NO	51.748	YES
81	44 PFOA	913 > 869	552.109	28050.771	1.00	6.61	0.246		0.240		NO		
82	45 N-MeFOSE	616.1 > 58.9	38.528	13707.638	1.00	6.30	0.419				NO		
83	46 N-EtFOSE	630.1 > 58.9	32.955	12685.249	1.00	6.43	0.388				NO		
84	48 13C3-PFBA-RSD	216.1 > 171.8	4434.297	56.952	1.00	1.23	973.253	12.500	1410	11247.0	YES		
85	93 d5-N-ETFOSE-EIS	531.1 > 168.9	25914.576		1.00	6.06	25914.576	149.200	138	92.8	NO		
86	95 13C2-PFHxDA-EIS	815 > 769.7	28050.771		1.00	6.38	28050.771	12.500	13.1	104.7	NO		
87	95 13C2-PFHxDA-EIS	815 > 769.7	28050.771		1.00	6.38	28050.771	12.500	13.1	104.7	NO		
88	97 d7-N-MeFOSE-EIS	623.1 > 58.9	13707.638		1.00	6.28	13707.638	149.200	152	102.0	NO		
89	99 d9-N-EtFOSE-EIS	639.2 > 58.8	12685.249		1.00	6.43	12685.249	149.200	132	88.3	NO		
90	50 13C3-PFPeA-RSD	266.0 > 221.8			1.00			12.500			NO		
91	-1												
92	52 13C3-PFBS-RSD	302.0 > 99			1.00			12.500			NO		
93	54 13C3-HFPO-DA-RSD	287.0 > 168.9			1.00			12.500			NO		
94	56 13C2-4:2 FTS-RSD	329.0 > 79.9			1.00			12.500			NO		
95	58 13C2-PFHxA-RSD	315.0 > 270.0			1.00			12.500			NO		
96	60 13C4-PFHpA-RSD	367.2 > 321.8			1.00			12.500			NO		
97	62 13C3-PFHxS-RSD	401.8 > 79.9			1.00			12.500			NO		
98	64 13C2-6:2 FTS-RSD	429.0 > 79.9	2620.670	37.602	1.00	4.09	871.187	12.500	1530	12251.2	YES		
99	66 13C5-PFNA-RSD	468.2 > 422.9			1.00			12.500			NO		
100	68 13C8-PFOA-RSD	506. > 78	7013.849	31.798	1.00	4.63	2757.190	12.500	11400	90830.8	YES		
101	70 13C2-PFOA-RSD	414.9 > 369.7			1.00			12.500			NO		
102	74 13C8-PFOS-RSD	507.0 > 80	4126.378	37.602	1.00	4.67	1371.728	12.500	1340	10722.6	YES		
103	76 13C2-PFDA-RSD	515.1 > 469.9			1.00			12.500			NO		
104	-1												
105	78 13C2-8:2 FTS-RSD	528.9 > 79.9	2629.430	37.602	1.00	4.93	874.099	12.500	1390	11100.5	YES		
106	80 d3-N-MeFOSAA-RSD	573. > 419	13577.655	31.798	1.00	5.11	5337.464	12.500	10300	82770.8	YES		
107	82 13C2-PFUdA-RSD	565 > 519.8	24846.676	31.798	1.00	5.29	9767.389	12.500	11100	88439.8	YES		
108	84 d5-N-EtFOSAA-RSD	589. > 419	12572.043	31.798	1.00	5.27	4942.152	12.500	10900	87147.7	YES		

Dataset: Untitled

Last Altered: Friday, July 17, 2020 10:05:30 Pacific Daylight Time

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Name: 200716M1_13, Date: 16-Jul-2020, Time: 17:21:51, ID: IB, Description: IB

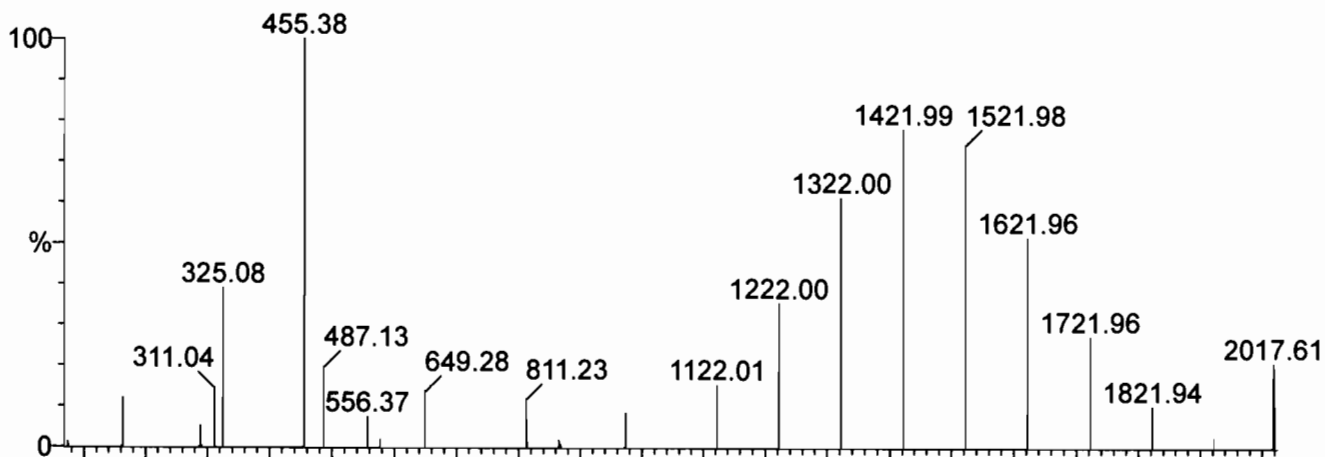
	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Std. Conc	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
109	86 13C2-PFDoA-RSD	615 > 570	27846.889		1.00	5.58		12.500					
110	88 13C2-10:2 FTS-RSD	633 > 79.9	2131.885	37.602	1.00	5.56	708.701	12.500	1610	12893.6	YES		
111	90 d3-N-MeFOSA-RSD	515.2 > 168.9	18487.889	31.798	1.00	5.61	7267.709	149.200	116000	77988.5	YES		
112	92 13C2-PFTeDA-RSD	715.1 > 669.7	18912.121	31.798	1.00	6.05	7434.477	12.500	10700	85579.6	YES		
113	94 d5-N-ETFOSA-RSD	531.1 > 168.9	25914.576	31.798	1.00	6.06	10187.188	149.200	116000	77750.8	YES		
114	96 13C2-PFHxDA-RSD	815 > 769.7	28050.771	31.798	1.00	6.38	11026.940	12.500	10400	83541.0	YES		
115	98 d7-N-MeFOSE-RSD	623.1 > 58.9	13707.638	31.798	1.00	6.28	5388.561	149.200	128000	85892.2	YES		
116	1... d9-N-EtFOSE-RSD	639.2 > 58.8	12685.249	31.798	1.00	6.43	4986.654	149.200	108000	72370.7	YES		
117	-1												
118	1... 13C4-PFBA	217.0 > 172.0	56.952	56.952	1.00	1.23	12.500	12.500	12.5	100.0	NO		
119	1... 13C5-PFHxA	318.0 > 272.9			1.00			12.500			NO		
120	1... 13C8-PFOA	420.9 > 376.0			1.00			12.500			NO		
121	1... 18O2-PFHxS	403.0 > 103.0			1.00			12.500			NO		
122	1... 13C9-PFNA	472.2 > 426.9			1.00			12.500			NO		
123	1... 13C4-PFOS	503 > 80.0	37.602	37.602	1.00	4.67	12.500	12.500	12.5	100.0	NO		
124	1... 13C6-PFDA	519.1 > 473.7			1.00			12.500			NO		
125	1... 13C7-PFUDa	570.1 > 524.8	31.798	31.798	1.00	5.29	12.500	12.500	12.5	100.0	NO		

TUNE CHECKS

Printed: Tue Jul 14 14:32:28 2020

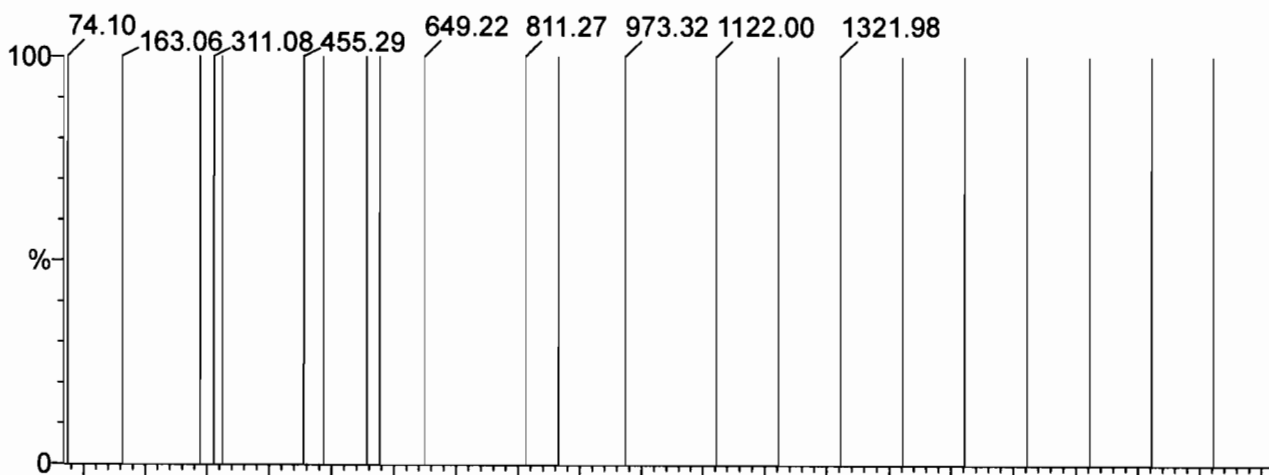
Data file: STATMS1 - Calibrated

23 matches of 23 tested references



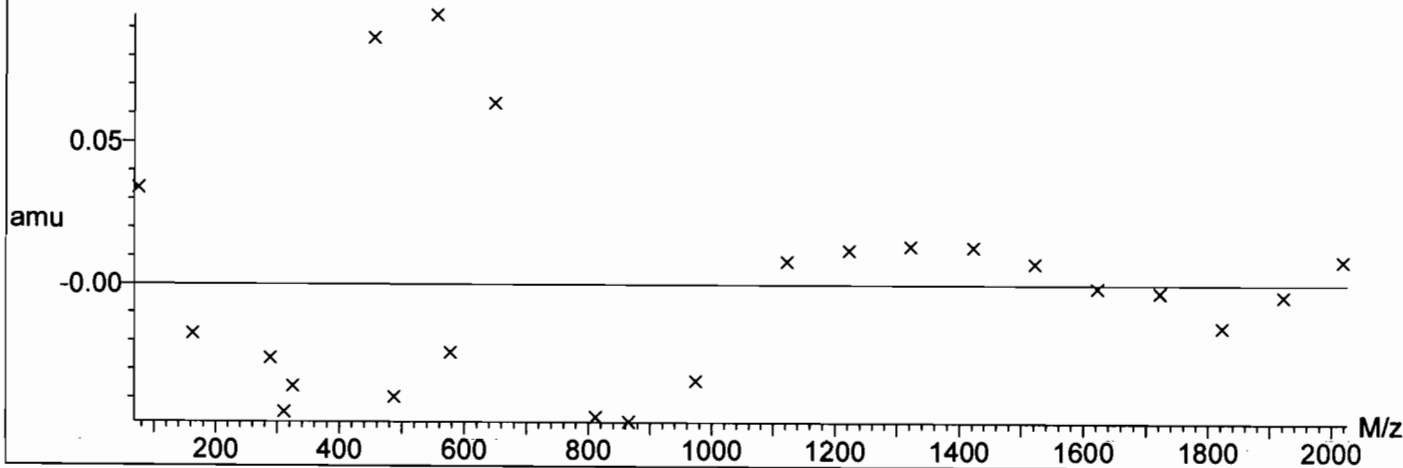
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0297 amu

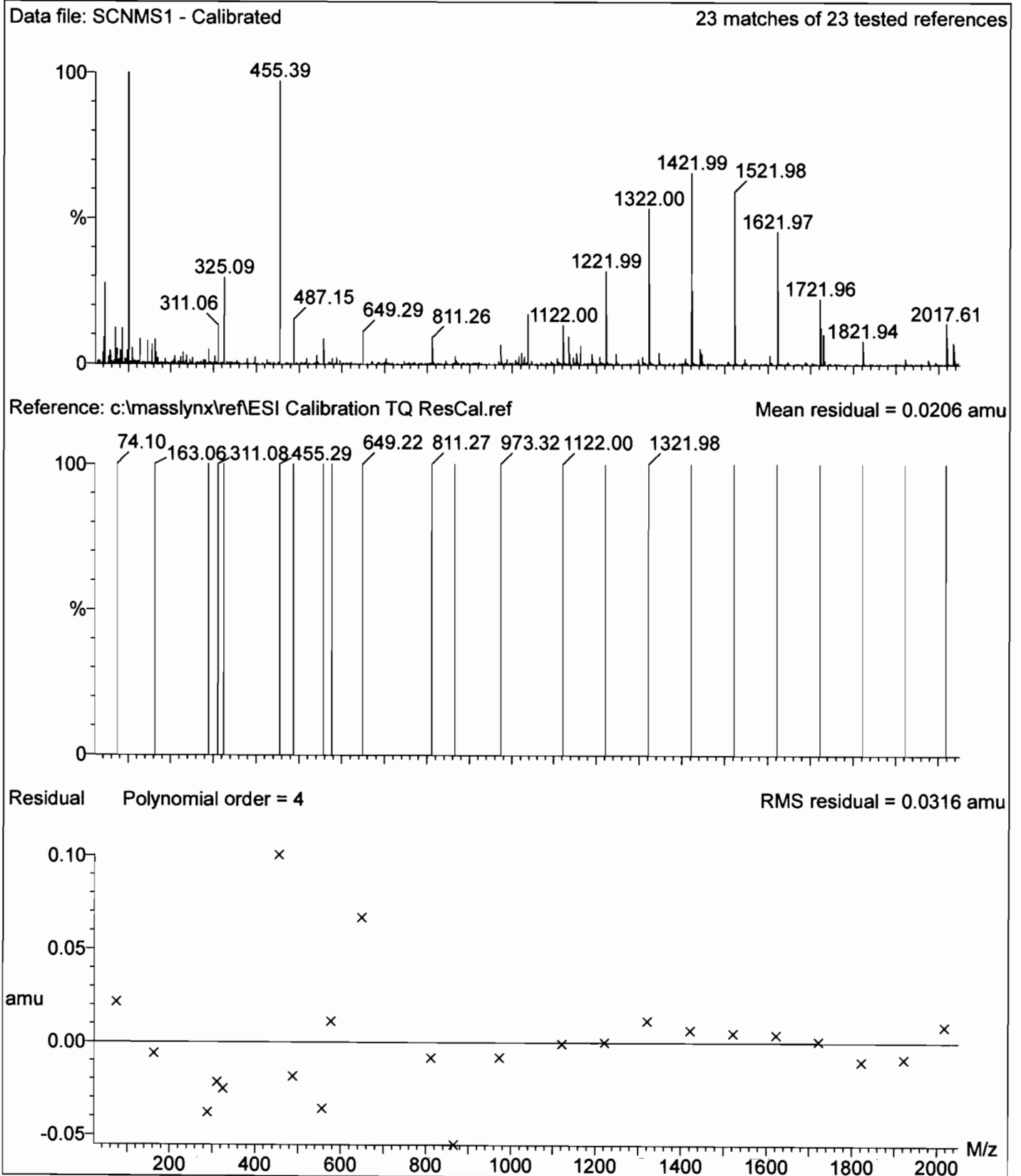


Residual Polynomial order = 4

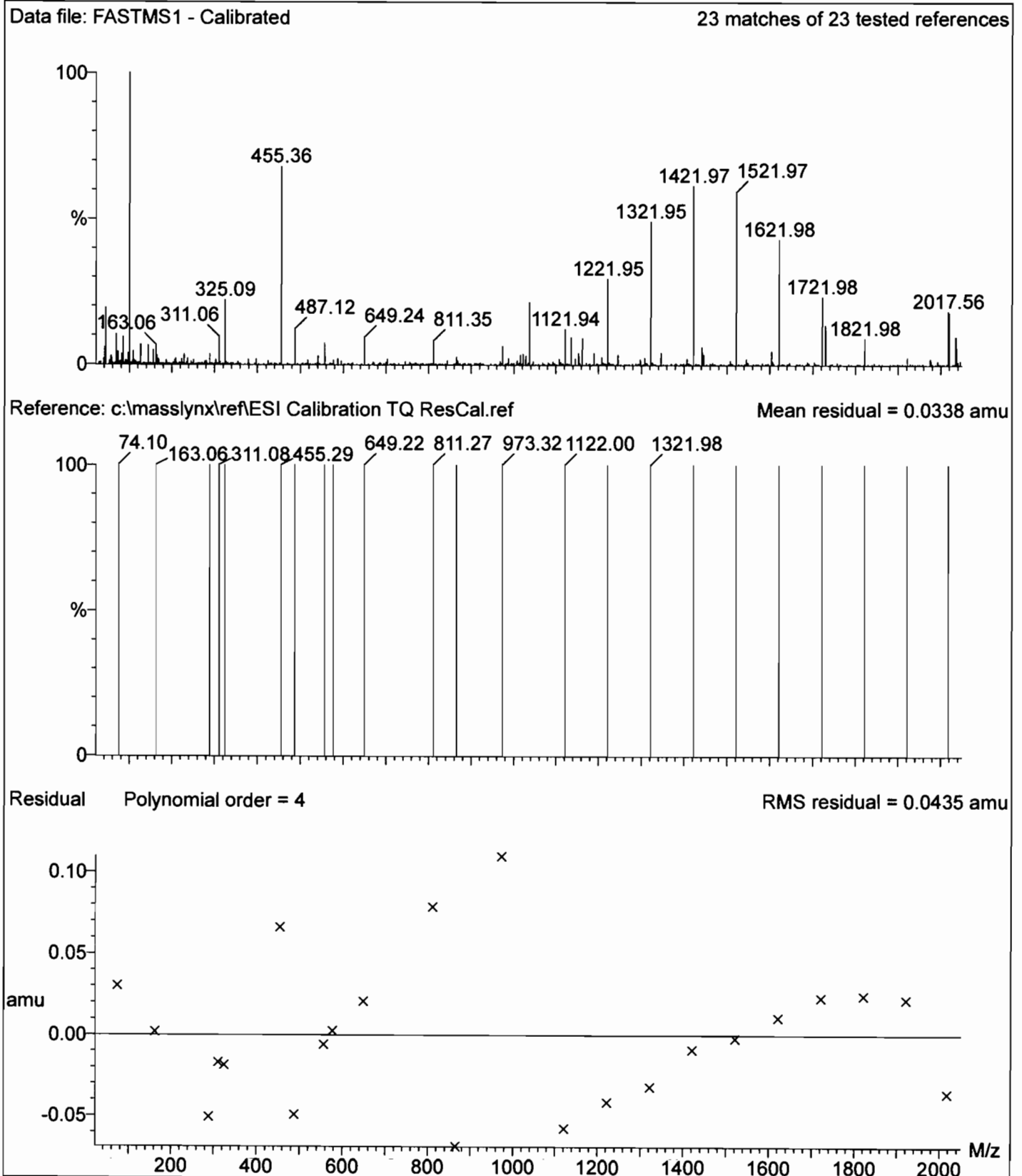
RMS residual = 0.0388 amu



Printed: Tue Jul 14 14:33:36 2020



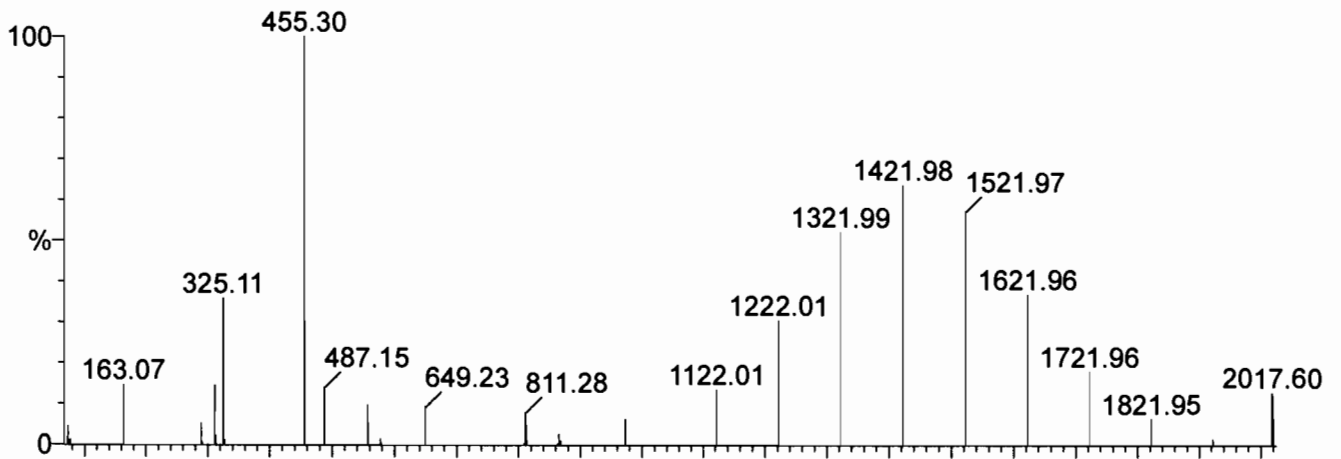
Printed: Tue Jul 14 14:34:47 2020



Printed: Tue Jul 14 14:35:56 2020

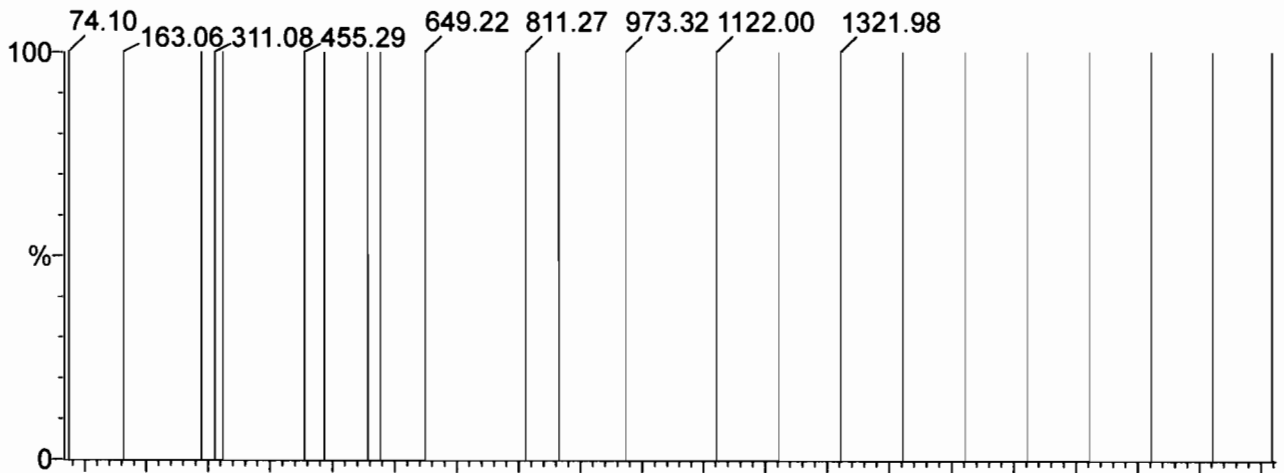
Data file: STATMS2 - Calibrated

23 matches of 23 tested references



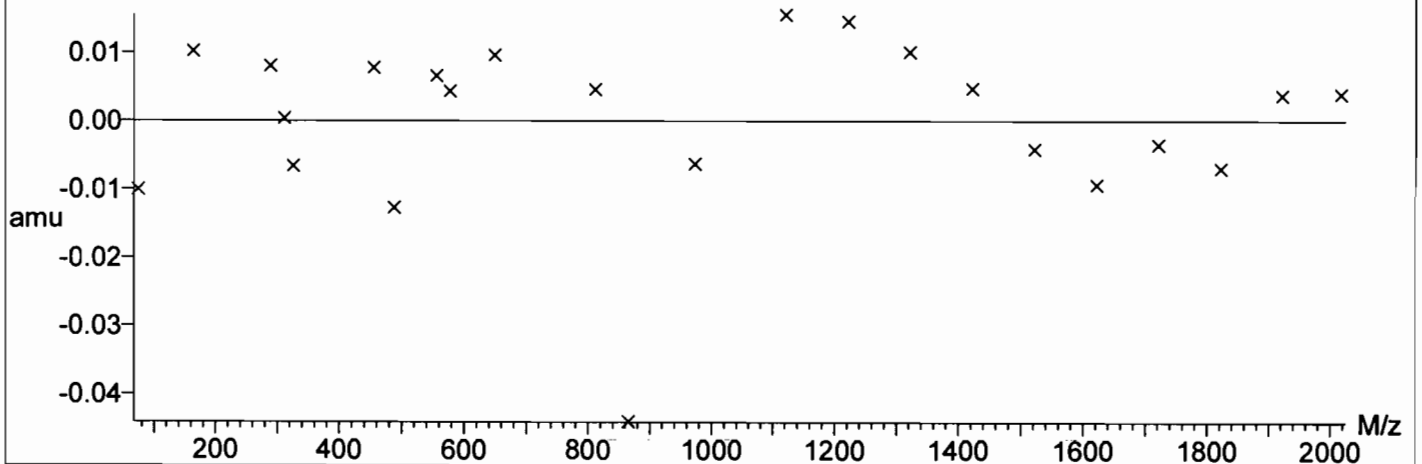
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.00902 amu



Residual Polynomial order = 4

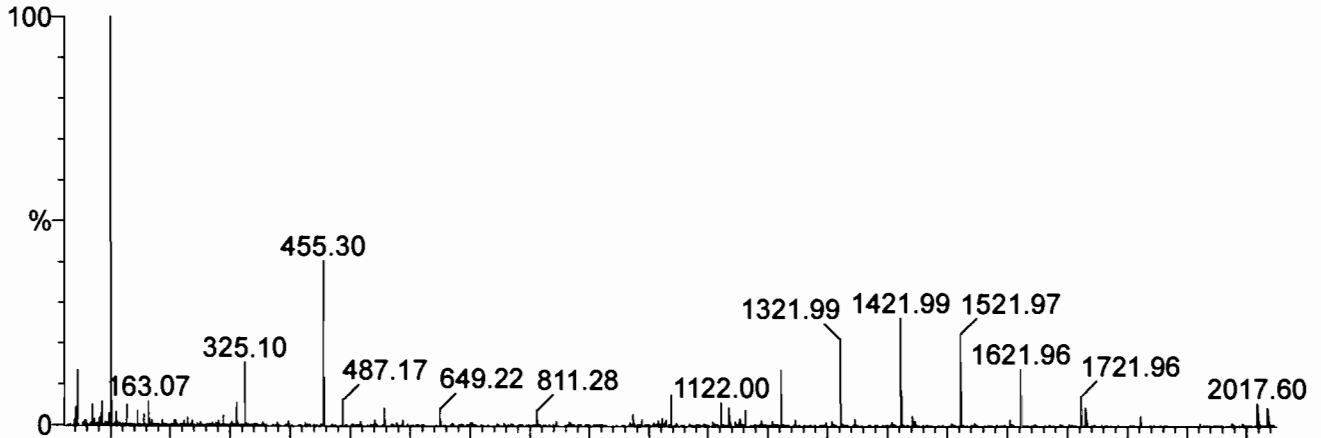
RMS residual = 0.0122 amu



Printed: Tue Jul 14 14:37:04 2020

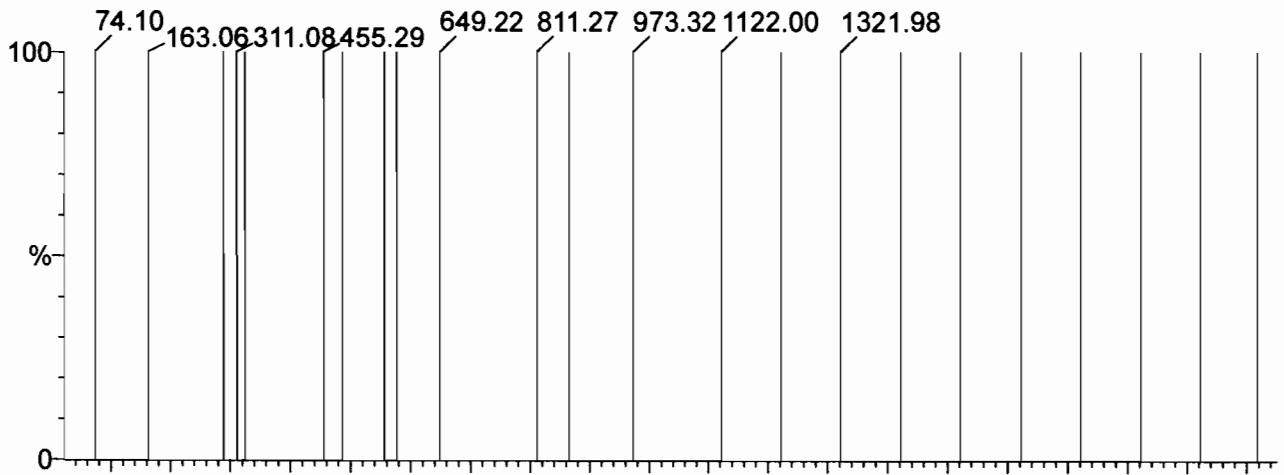
Data file: SCNMS2 - Calibrated

23 matches of 23 tested references



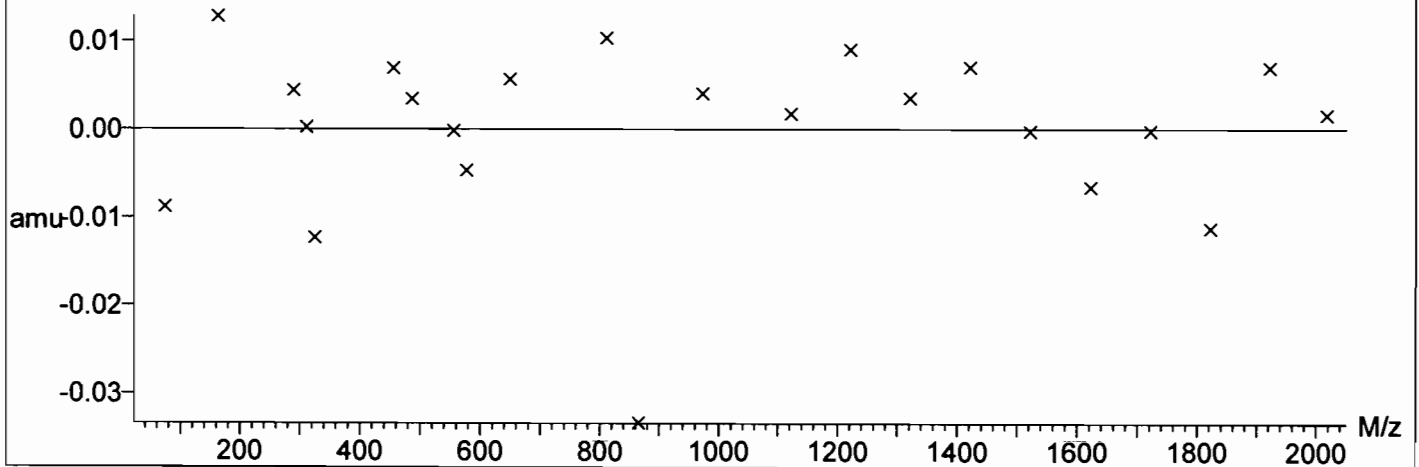
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.00674 amu



Residual Polynomial order = 4

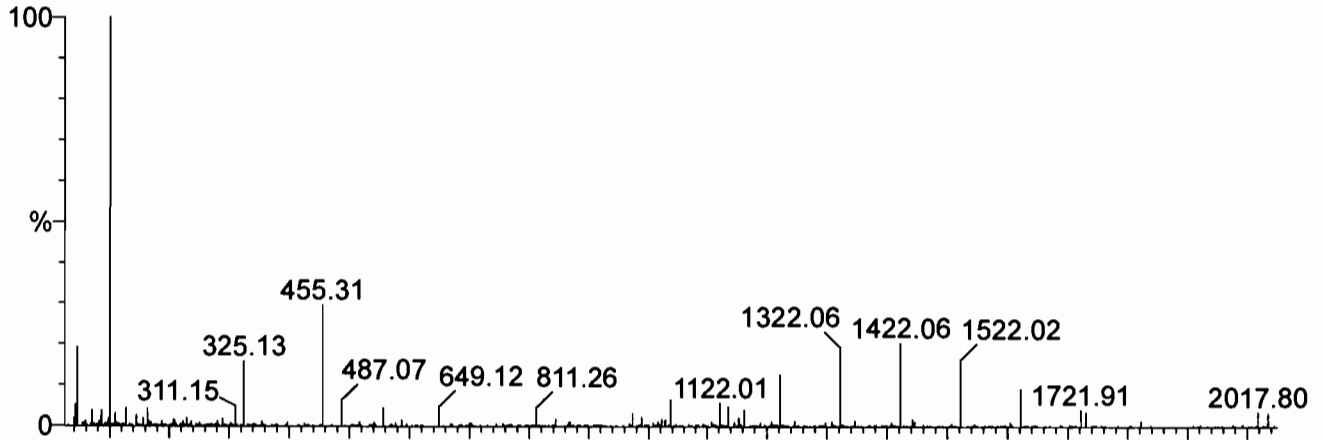
RMS residual = 0.0096 amu



Printed: Tue Jul 14 14:38:30 2020

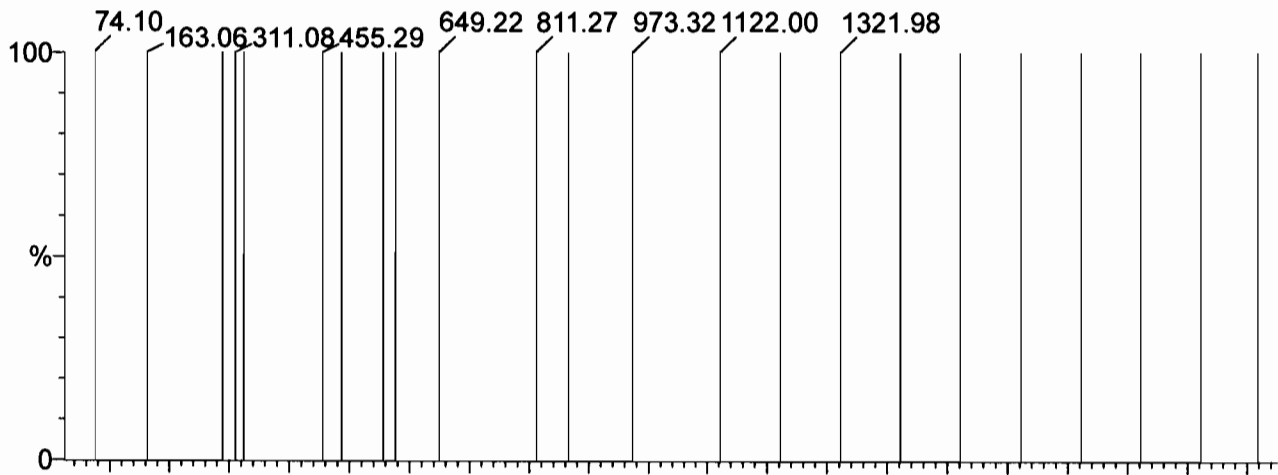
Data file: FASTMS2 - Calibrated

23 matches of 23 tested references



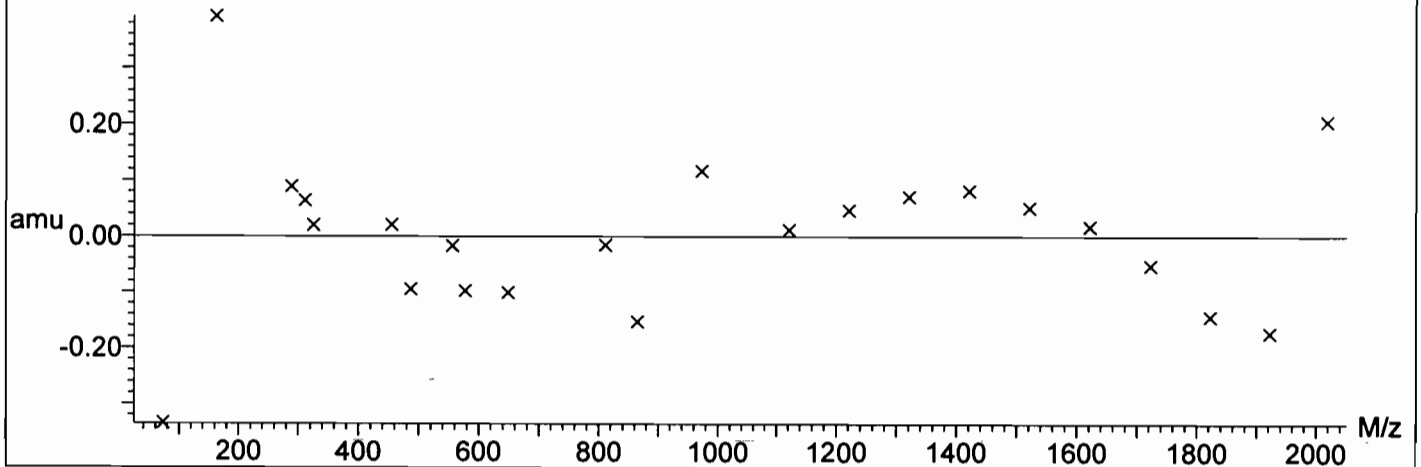
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.103 amu



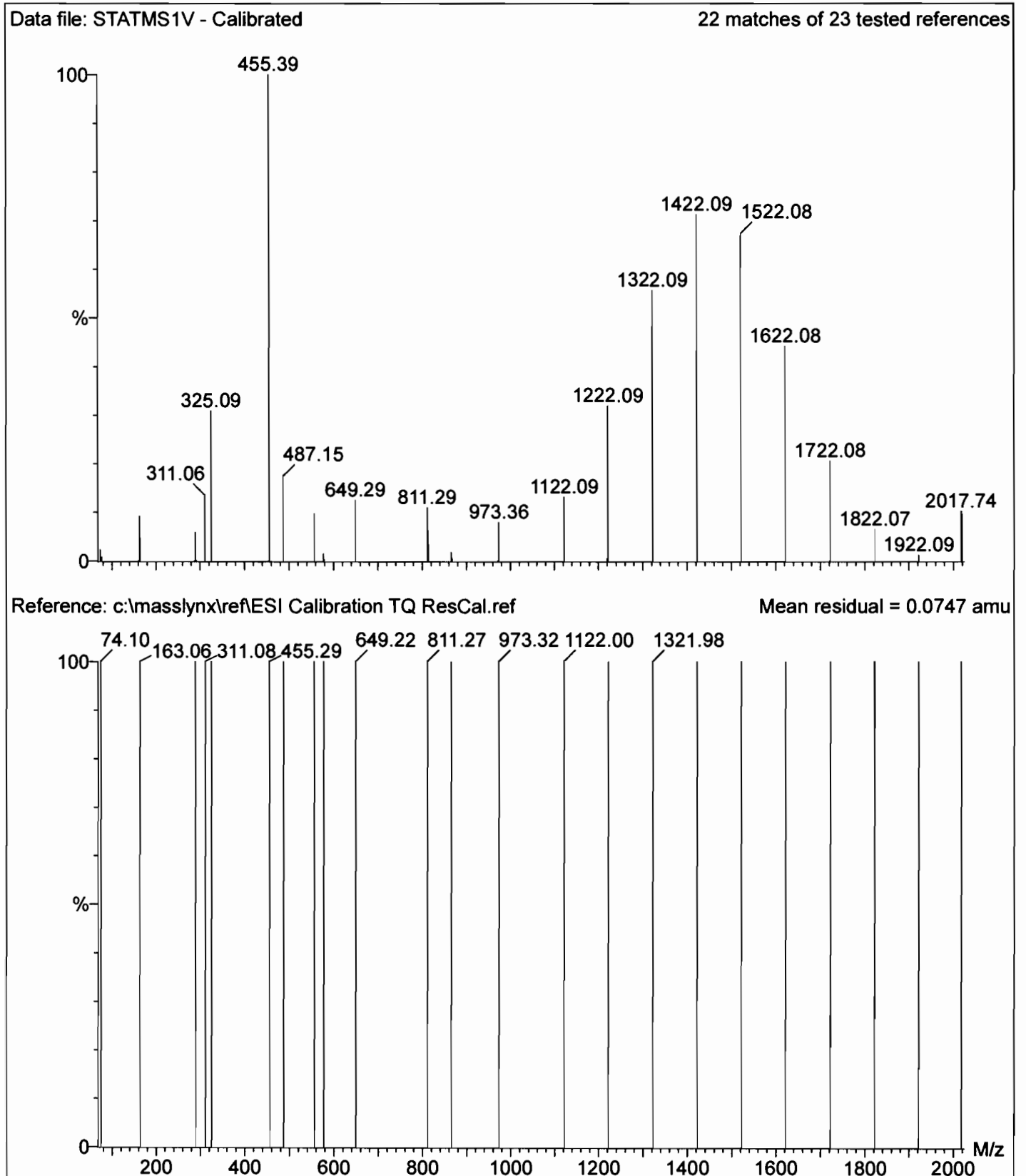
Residual Polynomial order = 4

RMS residual = 0.141 amu



Calibration Verification Report - MS1 Static

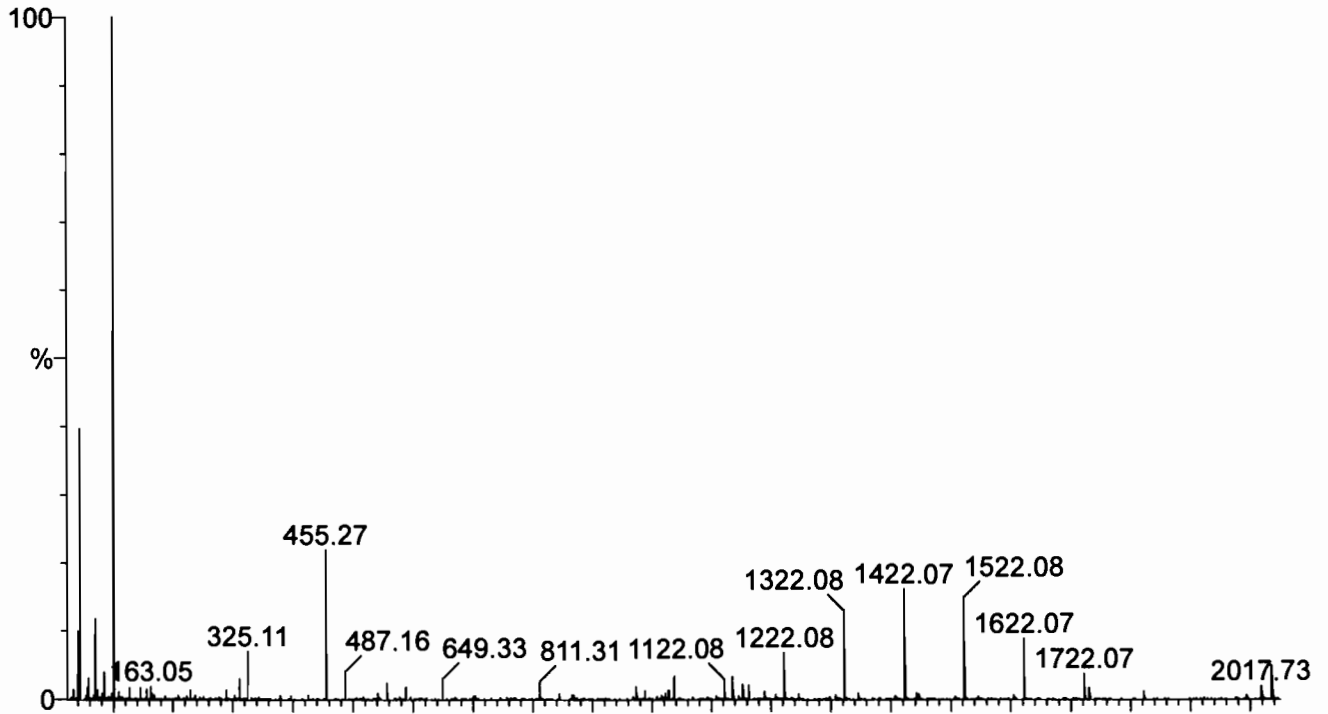
Printed: Wed Jul 15 12:45:14 2020



Printed: Wed Jul 15 12:46:23 2020

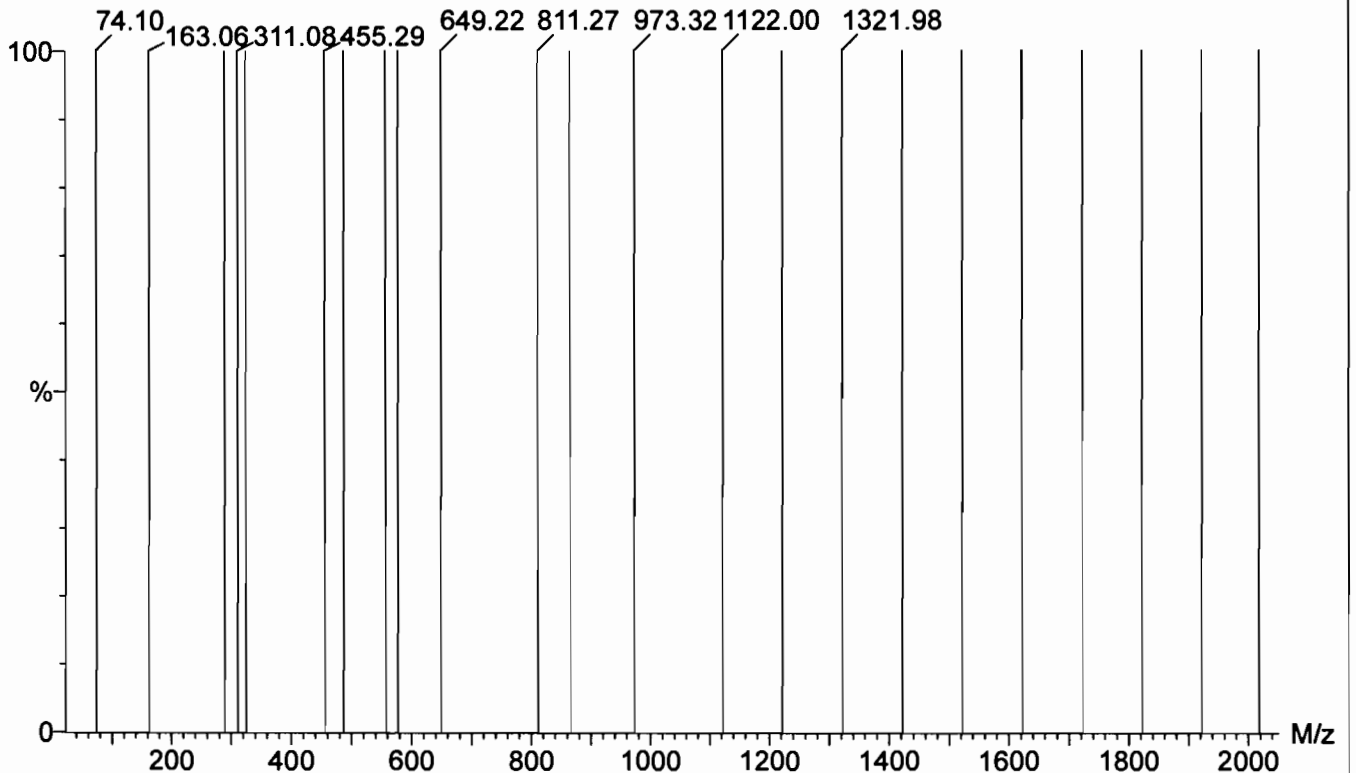
Data file: SCNMS1V - Calibrated

23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

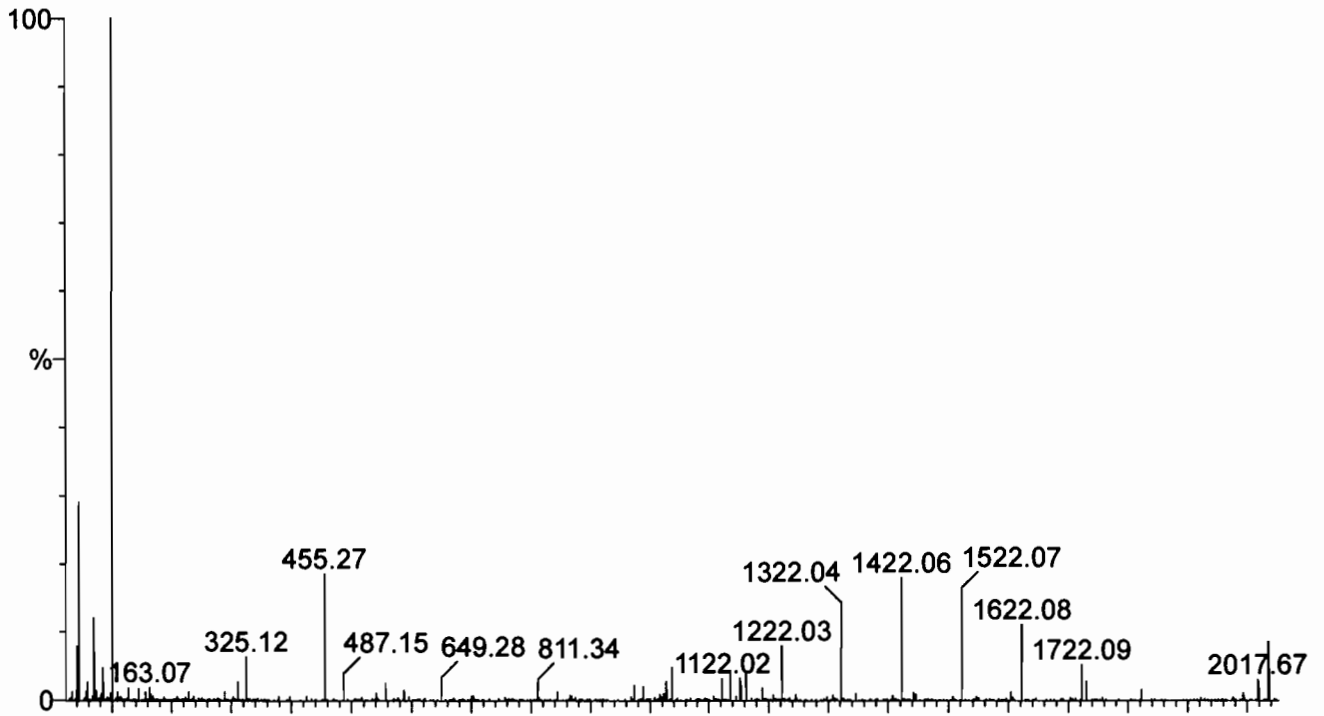
Mean residual = 0.0597 amu



Printed: Wed Jul 15 12:47:34 2020

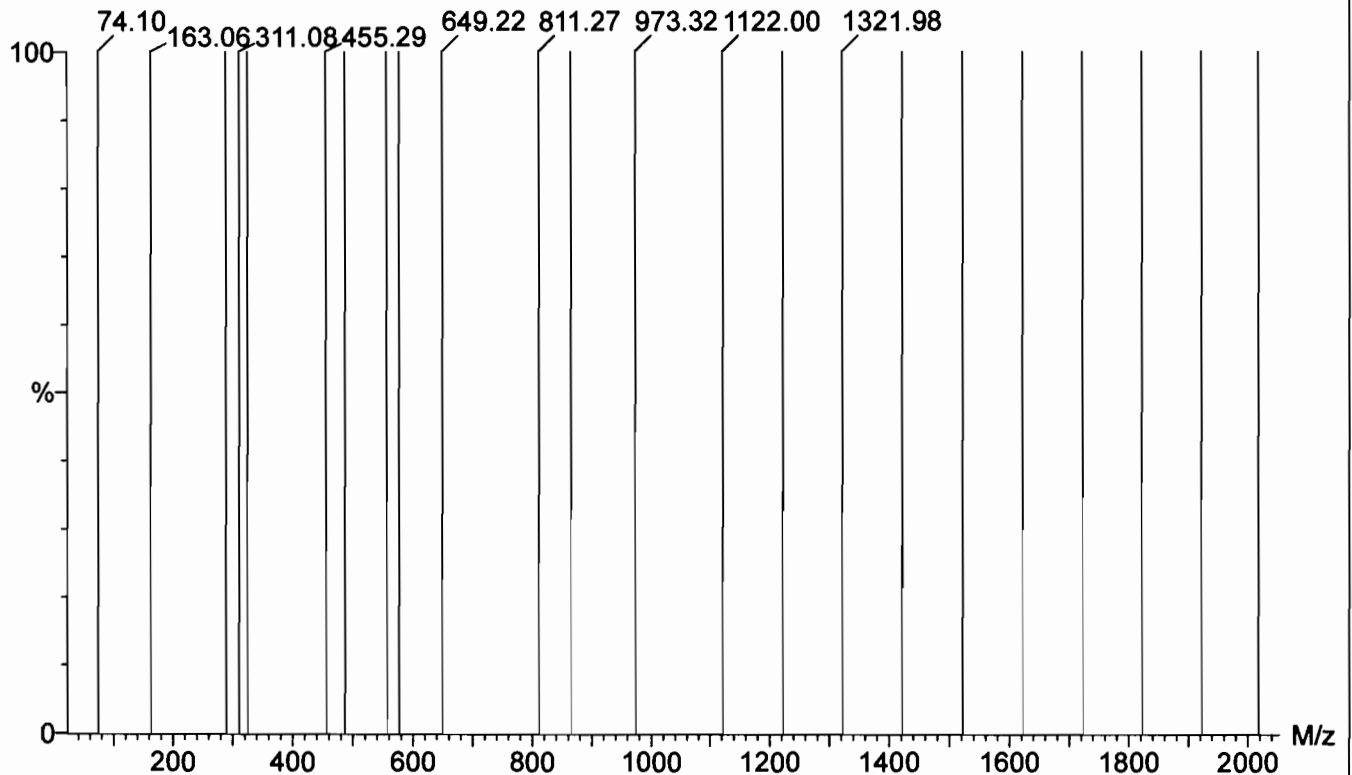
Data file: FASTMS1V - Calibrated

23 matches of 23 tested references

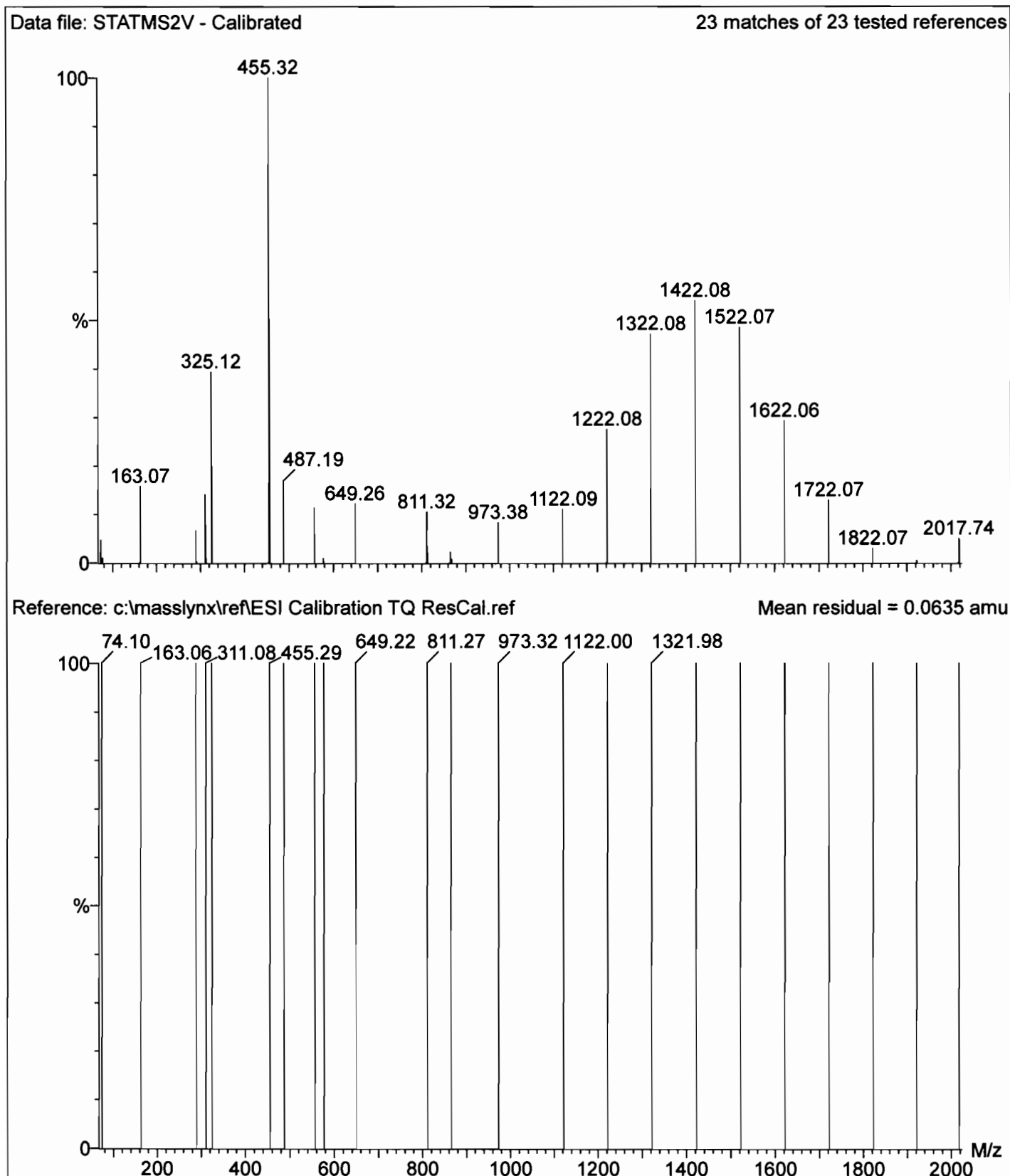


Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.062 amu



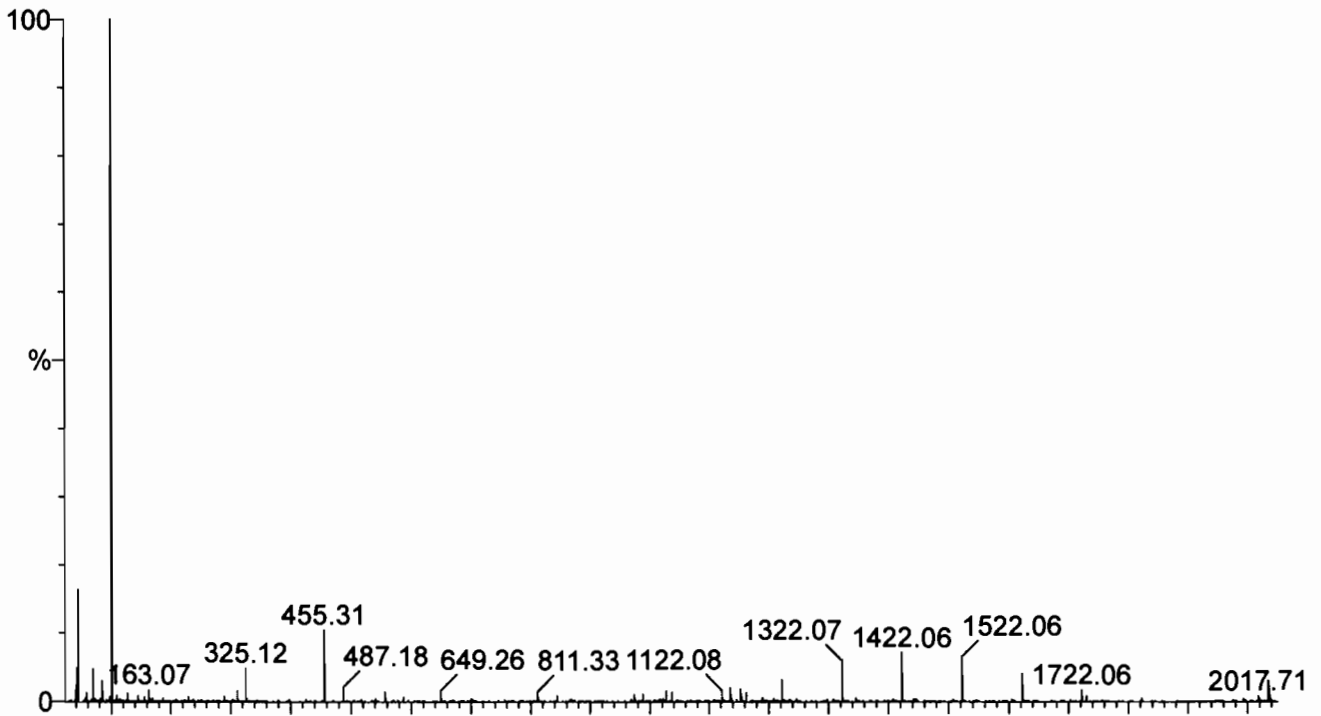
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Printed: Wed Jul 15 12:49:51 2020

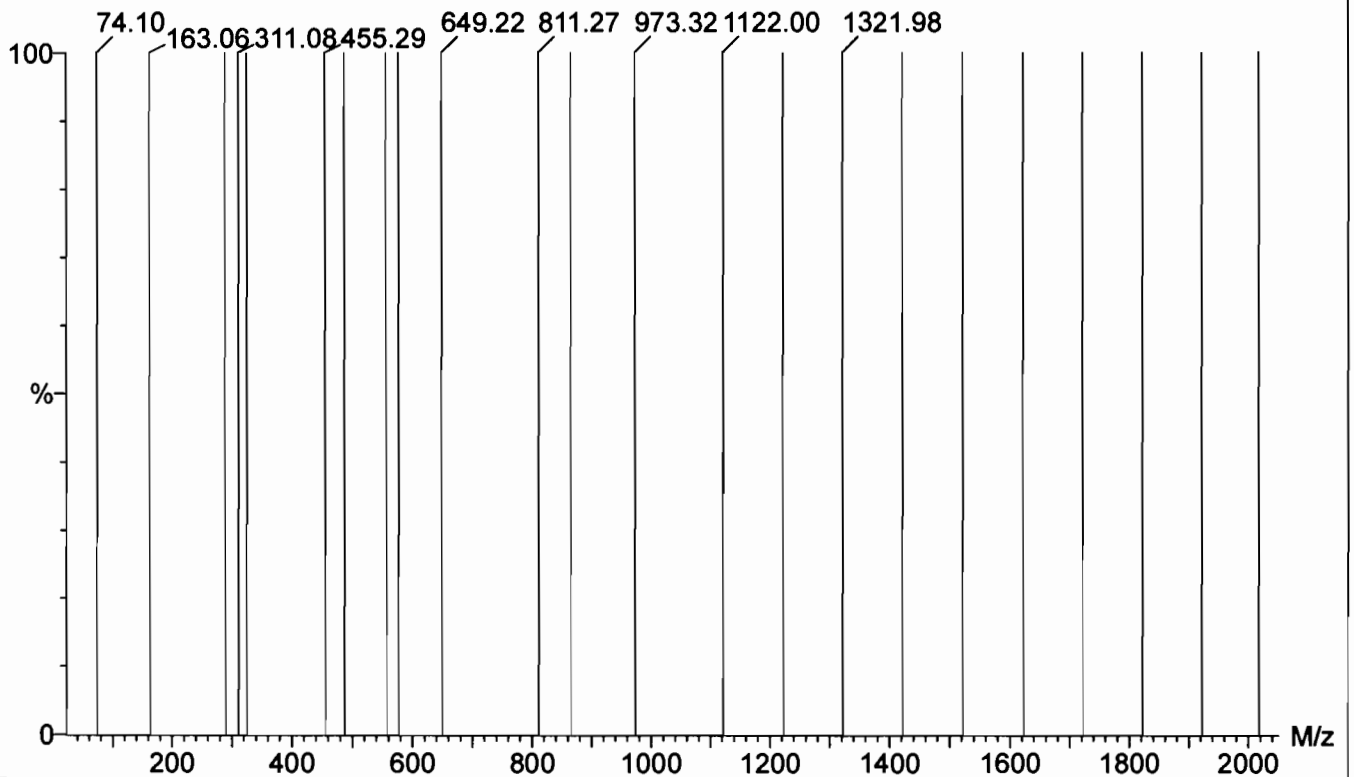
Data file: SCNMS2V - Calibrated

23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

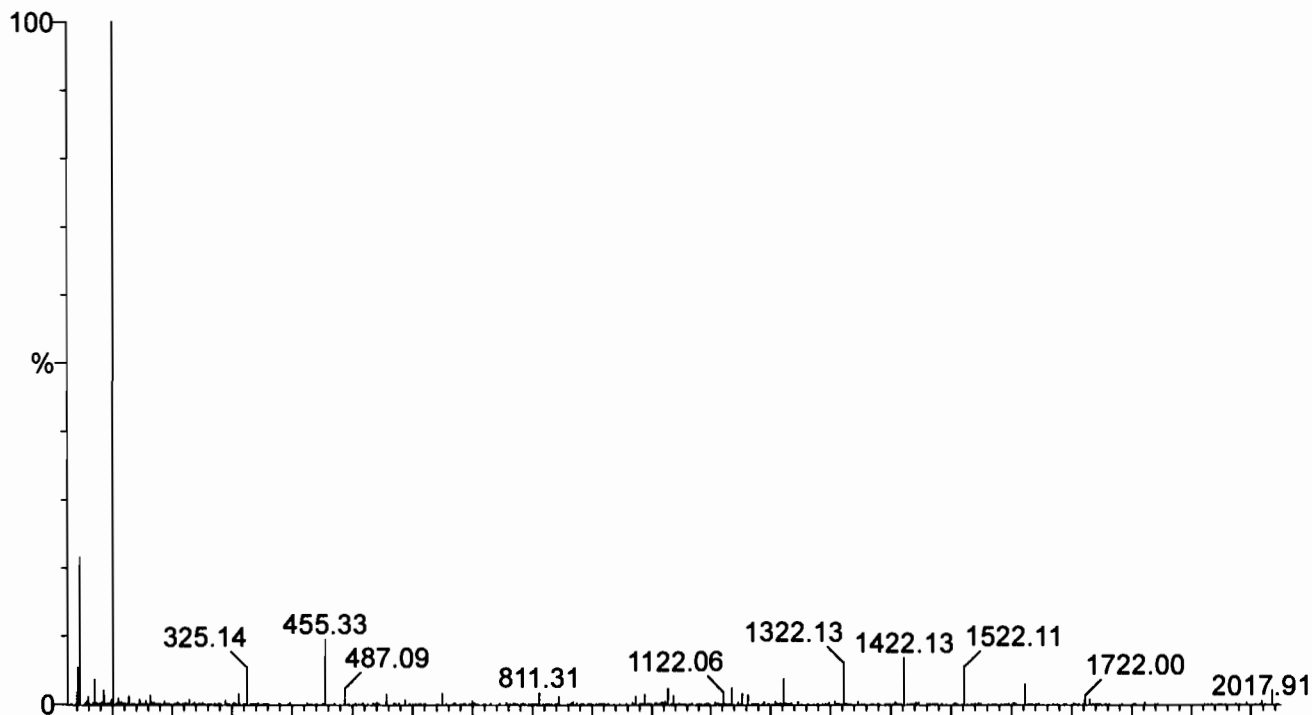
Mean residual = 0.0549 amu



Printed: Wed Jul 15 12:51:17 2020

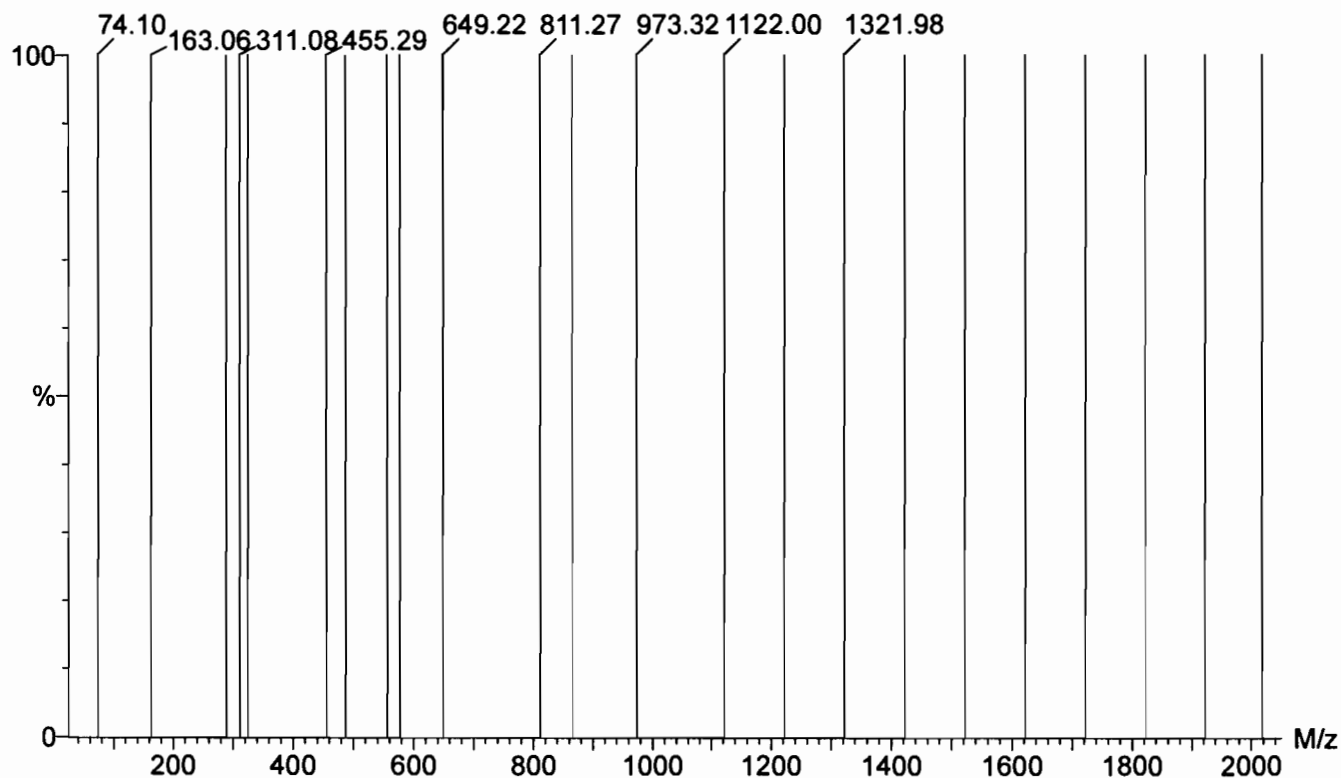
Data file: FASTMS2V - Calibrated

23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.114 amu

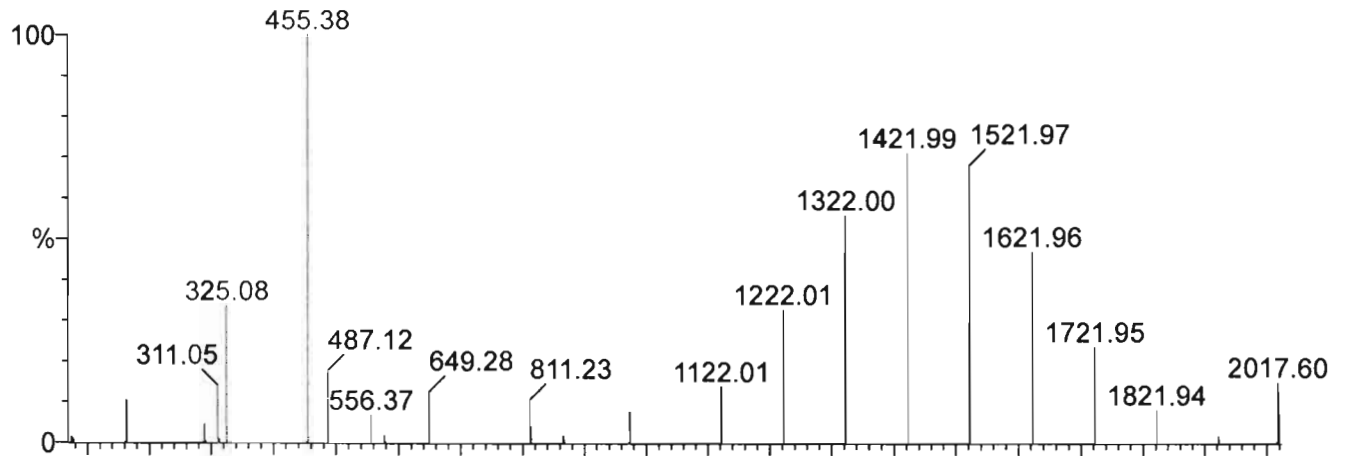


Calibration Report - MS1 Static

Printed: Thu Jul 16 14:29:21 2020

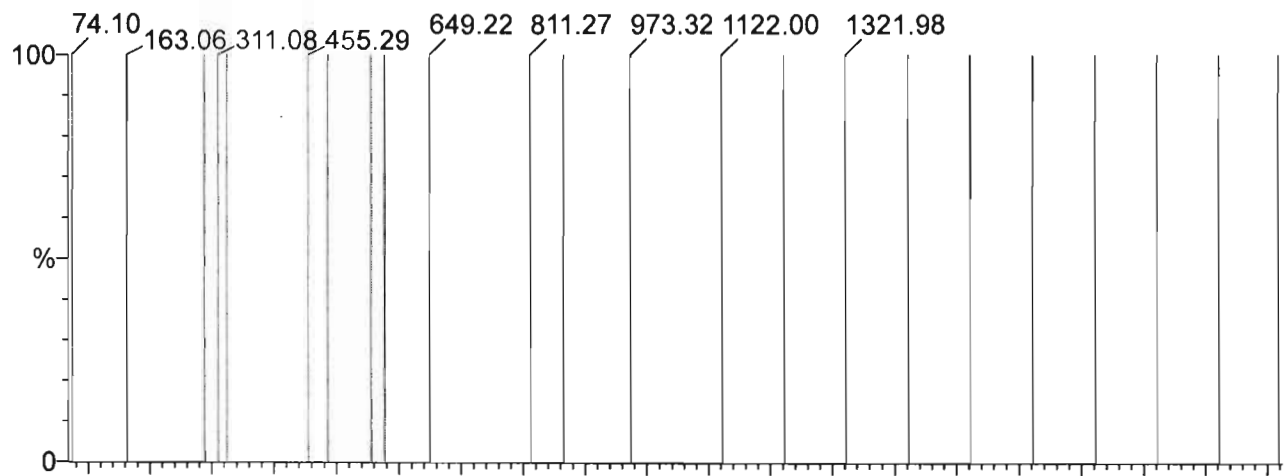
Data file: STATMS1 - Calibrated

23 matches of 23 tested references



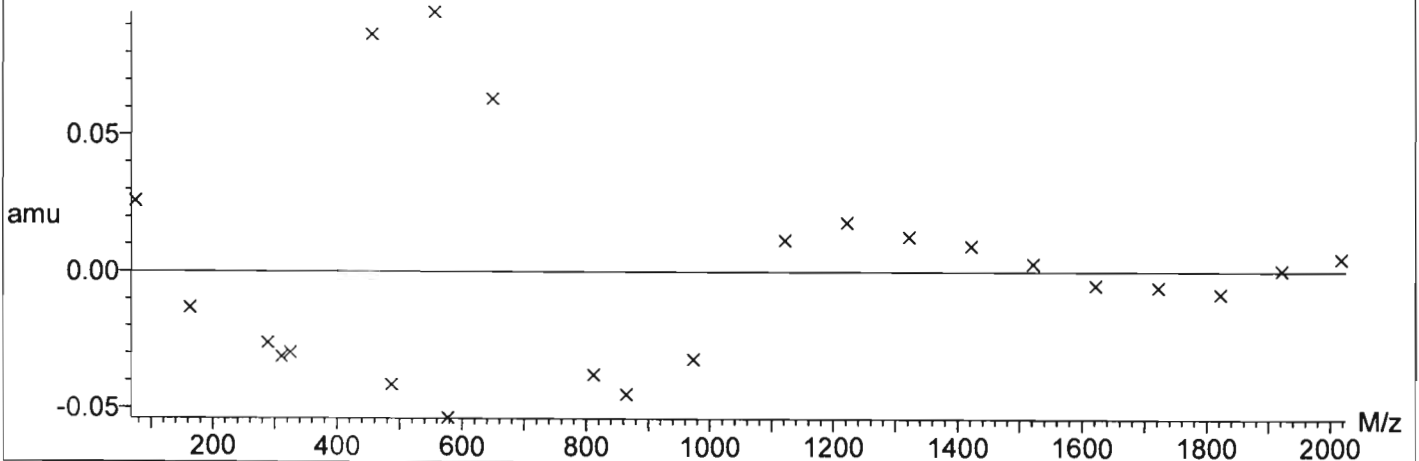
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0287 amu



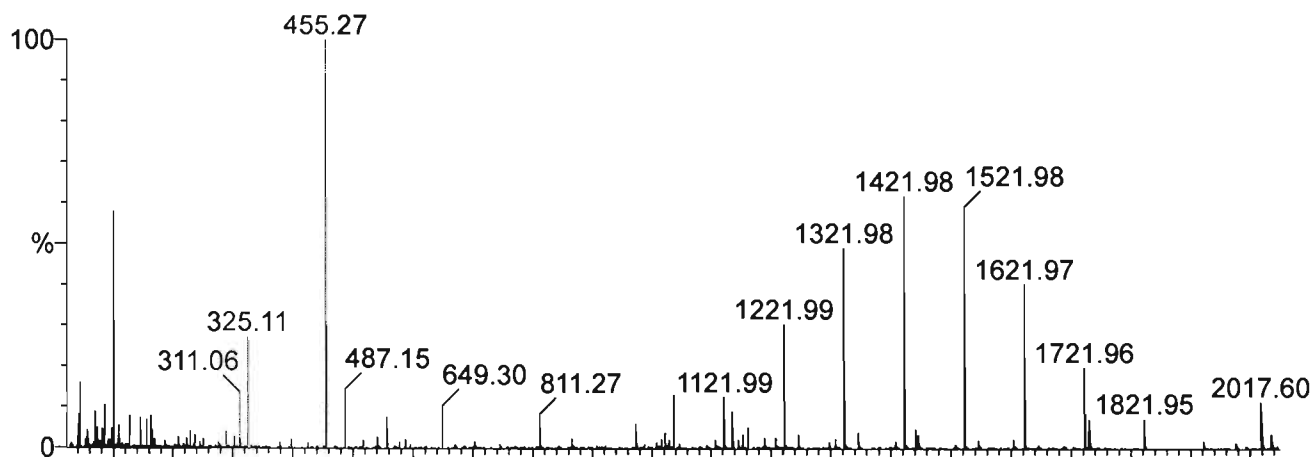
Residual Polynomial order = 4

RMS residual = 0.0383 amu

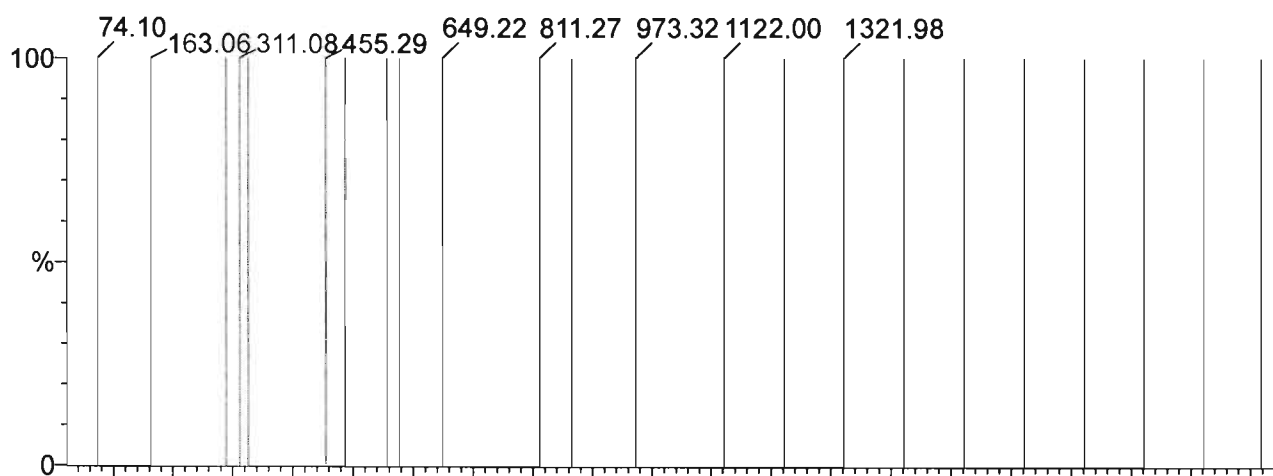


Printed: Thu Jul 16 14:30:30 2020

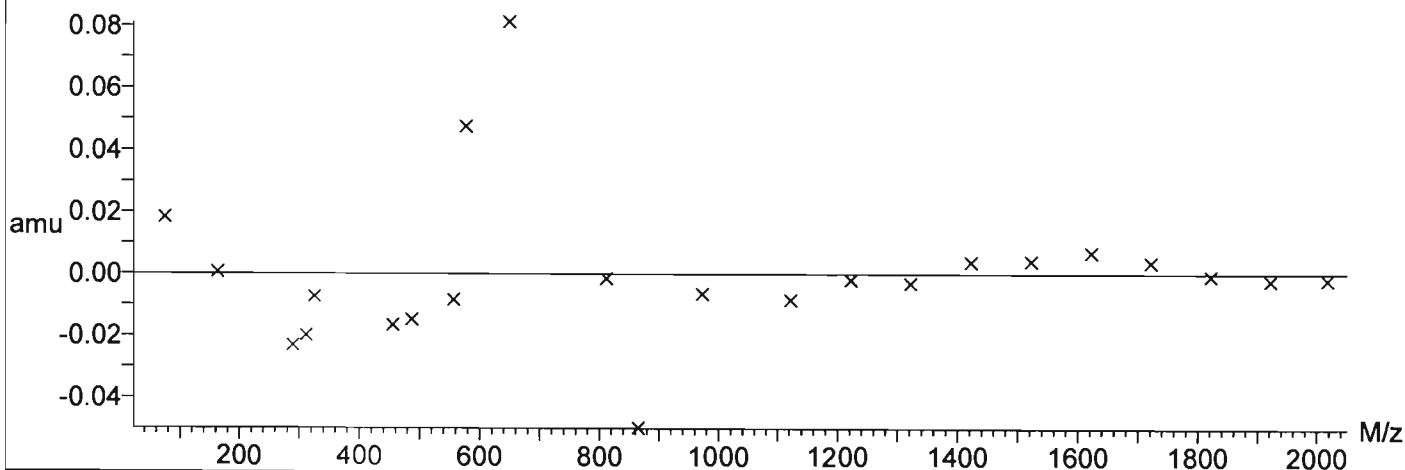
Data file: SCNMS1 - Calibrated 23 matches of 23 tested references



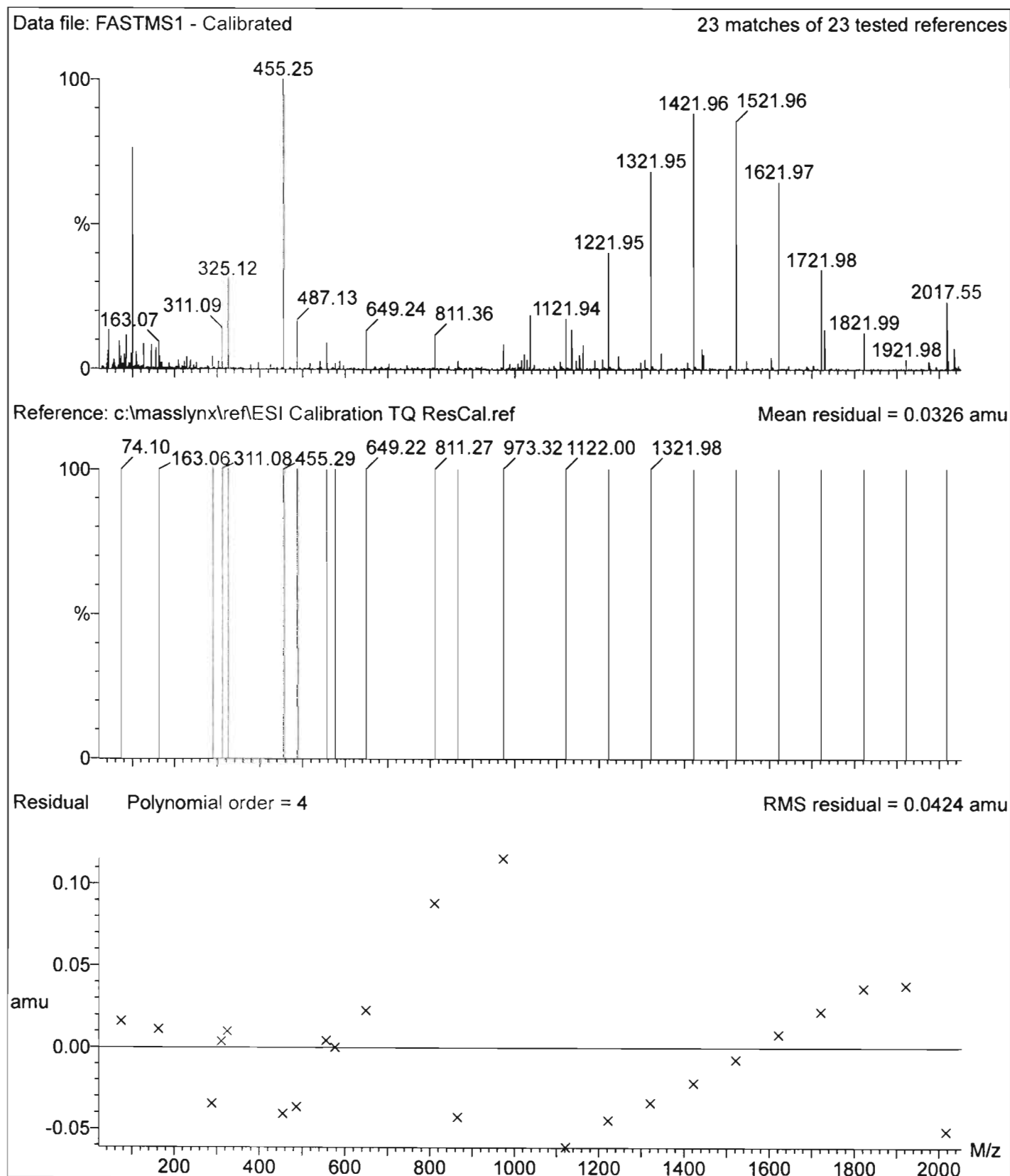
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.0145 amu



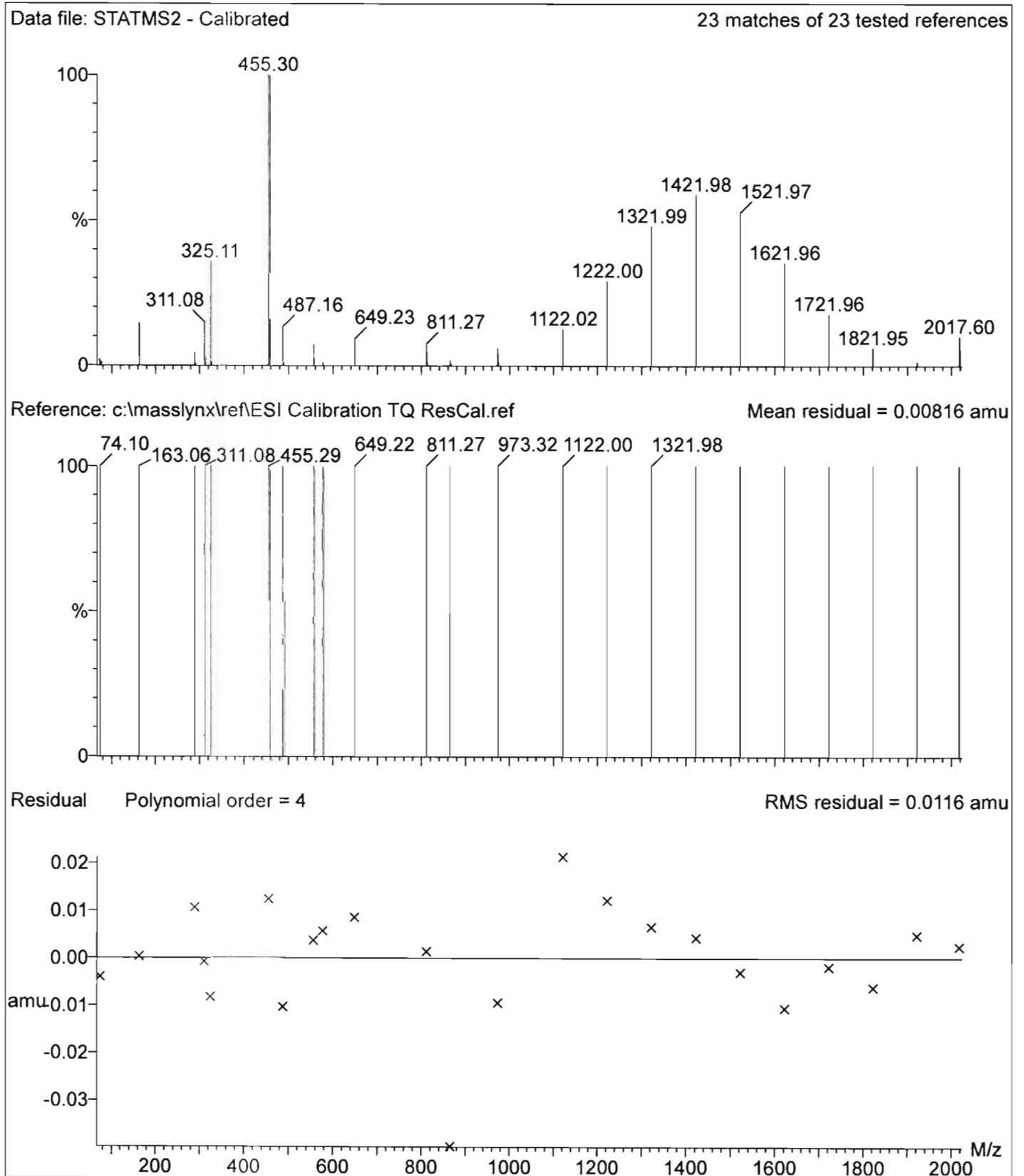
Residual Polynomial order = 4 RMS residual = 0.0242 amu



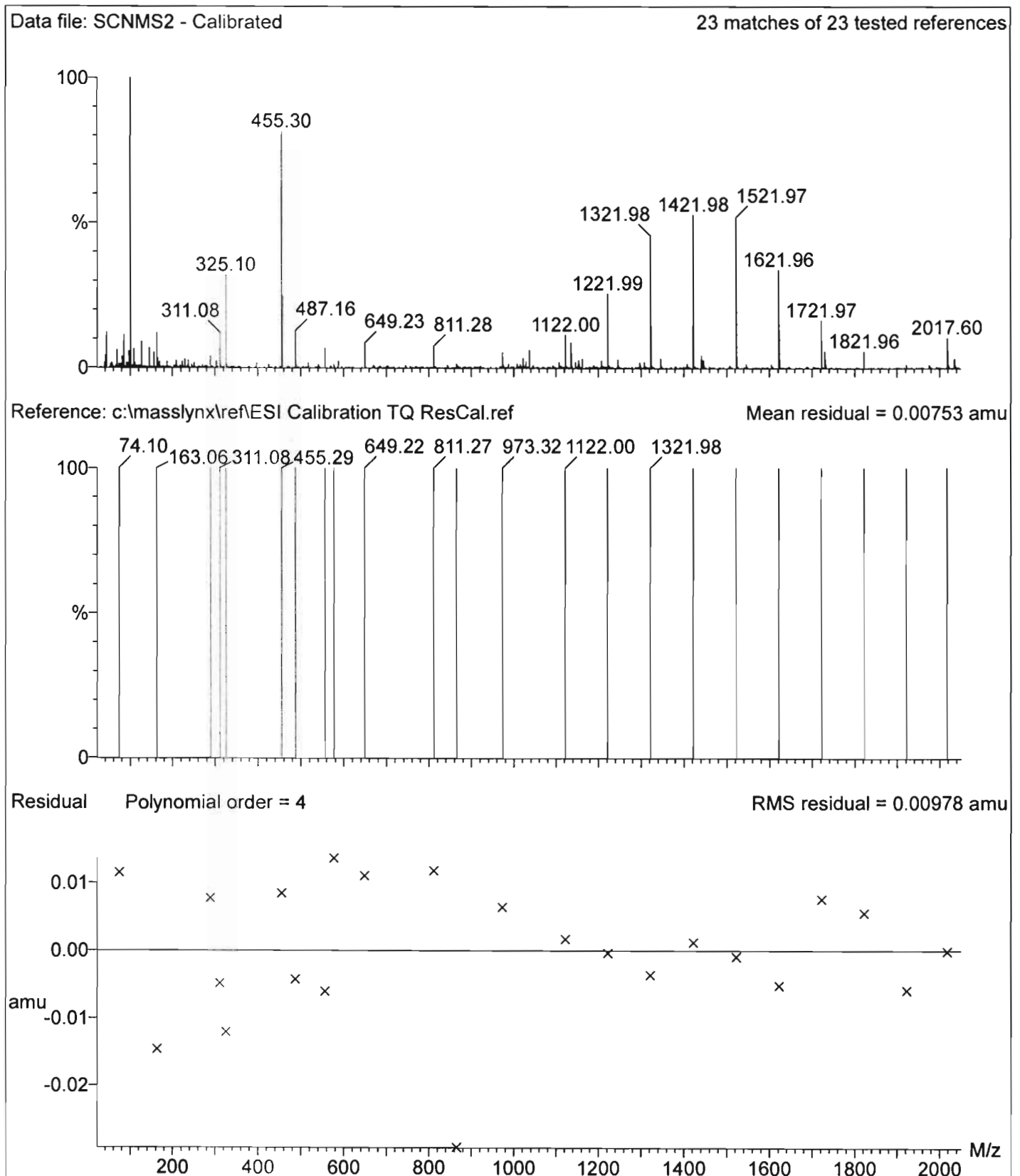
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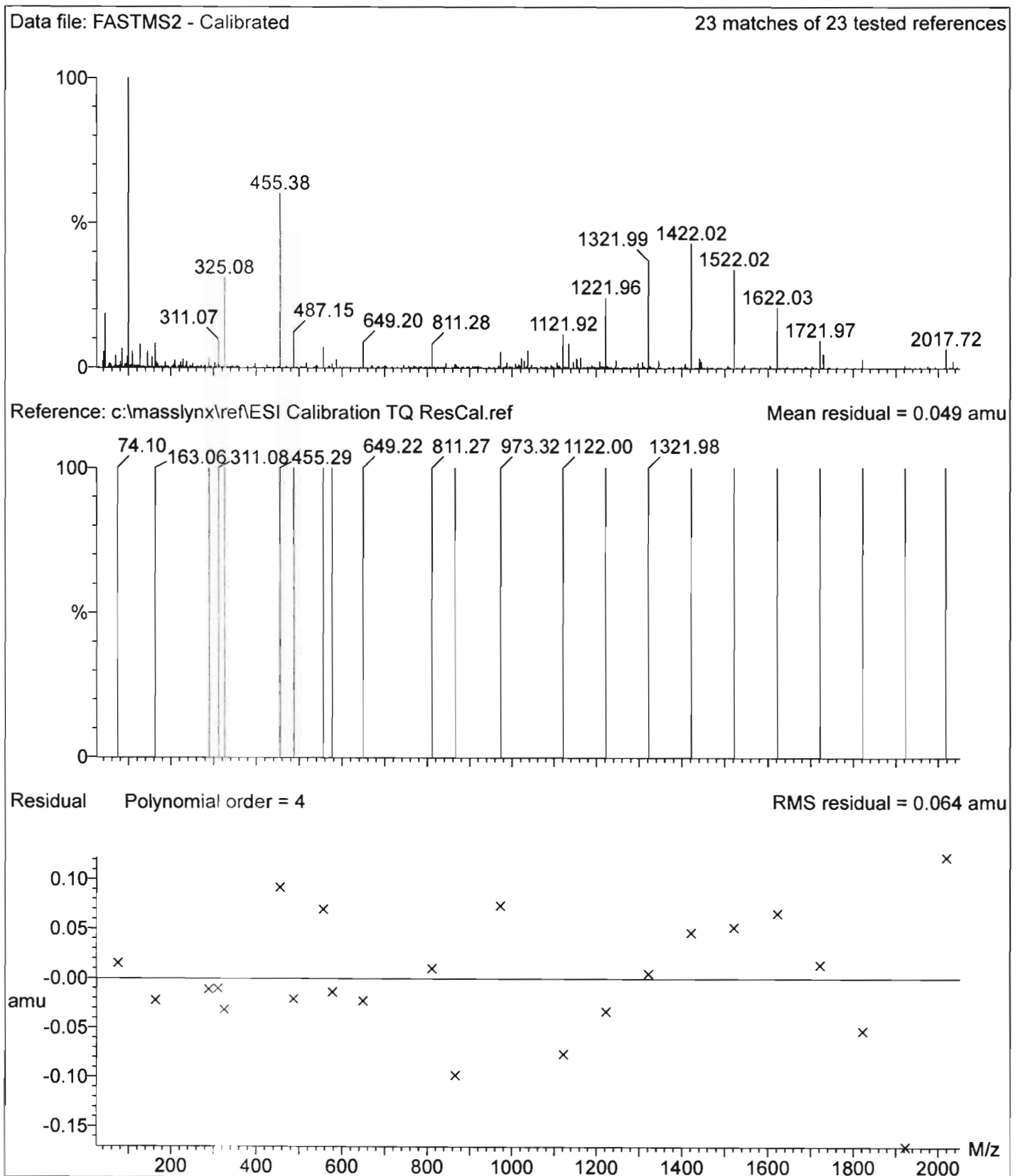
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Printed: Thu Jul 16 14:35:24 2020



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nit","detection_limit_unit","tic_retention_time","result_comment","qc_original_conc","qc_spike_added","qc_spike_me
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"IS72MW16DR-20200701", "537_MOD", "07/15/20", "03:47", "N", "NA", "000", "13C2-PFDoA", "13C2-PFDoA", "78.7", "", "IS", "Yes", "Y", "", "Y", "", "", "", "PCT_REC", "", "", "", "", "100", "78.7", "78.7", "", "", "", "", "", "50", "150", "", "", ""

IS72MW16DR-20200701,"537_MOD","07/15/20","03:47","N","NA","000","13C2-PFTeDA","13C2-PFTeDA","75.3","IS","Yes","Y","Y","PCT_REC","100","75.3","75.3","50","150"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","375-73-5","PFBS","0.0191","TRG","Yes","Y","Y","0.00134","0.00195","0.00391","UG_L","UG_L","50","150"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","307-24-4","PERFLUOROHEXANOIC ACID (PFHXA)","0.0454","TRG","Yes","Y","Y","0.00134","0.00195","0.00391","UG_L","UG_L"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","13252-13-6","HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-DA)","TRG","Yes","N","U","Y","0.00236","0.00293","0.00391","UG_L","UG_L"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","375-85-9","PERFLUOROHEPTANOIC ACID (PFHPA)","0.0143","TRG","Yes","Y","Y","0.00134","0.00195","0.00391","UG_L","UG_L"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","919005-14-4","4,8-DIOXA-3H-PERFLUORONONANOIC ACID (ADONA)","TRG","Yes","N","U","Y","0.00134","0.00195","0.00391","UG_L","UG_L"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","355-46-4","PERFLUOROHEXANESULFONIC ACID (PFHXS)","0.149","TRG","Yes","Y","Y","0.00134","0.00195","0.00391","UG_L","UG_L"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","335-67-1","PERFLUOROCTANOIC ACID (PFOA)","0.167","TRG","Yes","Y","Y","0.00134","0.00195","0.00391","UG_L","UG_L"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","375-95-1","PERFLUORONONANOIC ACID (PFNA)","0.00153","TRG","Yes","Y","J","Y","0.00134","0.00195","0.00391","UG_L","UG_L"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","1763-23-1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION","0.136","TRG","Yes","Y","Y","0.00134","0.00195","0.00391","UG_L","UG_L"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","756426-58-1","9-CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID (9Cl-PF3ONS)","TRG","Yes","N","U","Y","0.00134","0.00195","0.00391","UG_L","UG_L"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","335-76-2","PERFLUORODECANOIC ACID (PFDA)","TRG","Yes","N","U","Y","0.00134","0.00195","0.00391","UG_L","UG_L"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","2355-31-9","MeFOSAA","TRG","Yes","N","U","Y","0.00134","0.00195","0.00391","UG_L","UG_L"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","2991-50-6","EtFOSAA","TRG","Yes","N","U","Y","0.00134","0.00195","0.00391","UG_L","UG_L"

IS72MW15D-20200701,"537_MOD","07/15/20","03:58","N","NA","000","2058-94-

8","PERFLUOROUNDECANOIC ACID
(PFUNA)","","","TRG","Yes","N","U","Y","0.00134","0.00195","0.00391","UG_L","UG_L","","","","","","","","","","",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","763051-92-9","11-
CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID (11Cl-
PF3OUdS)","","","TRG","Yes","N","U","Y","0.00134","0.00195","0.00391","UG_L","UG_L","","","","","","","","","",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","307-55-
1","PERFLUORODODECANOIC ACID
(PFDOA)","","","TRG","Yes","N","U","Y","0.00134","0.00195","0.00391","UG_L","UG_L","","","","","","","","","",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","72629-94-
8","PFTrDA)","","","TRG","Yes","N","U","Y","0.00134","0.00195","0.00391","UG_L","UG_L","","","","","","","","","",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","376-06-
7","PFTeDA)","","","TRG","Yes","N","U","Y","0.00134","0.00195","0.00391","UG_L","UG_L","","","","","","","","","",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","13C3-PFBS","13C3-
PFBS","89.0","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","89.0","89.0","","","","","50","150",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","13C3-HFPO-DA","13C3-HFPO-
DA","60.0","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","60.0","60.0","","","","","50","150",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","13C2-PFHxA","13C2-
PFHxA","69.4","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","69.4","69.4","","","","","50","150",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","13C4-PFHpA","13C4-
PFHpA","70.2","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","70.2","70.2","","","","","50","150",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","13C3-PFHxS","13C3-
PFHxS","79.7","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","79.7","79.7","","","","","50","150",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","13C5-PFNA","13C5-
PFNA","60.7","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","60.7","60.7","","","","","50","150",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","13C2-PFOA","13C2-
PFOA","70.8","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","70.8","70.8","","","","","50","150",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","13C8-PFOS","13C8-
PFOS","79.4","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","79.4","79.4","","","","","50","150",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","13C2-PFDA","13C2-
PFDA","76.7","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","76.7","76.7","","","","","50","150",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","d3-MeFOSAA","d3-
MeFOSAA","72.0","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","72.0","72.0","","","","","50","150"
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","13C2-PFUnA","13C2-
PFUnA","68.3","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","68.3","68.3","","","","","50","150",""
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","d5-EtFOSAA","d5-
EtFOSAA","62.7","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","62.7","62.7","","","","","50","150"
"IS72MW15D-20200701","537_MOD","07/15/20","03:58","N","NA","000","13C2-PFDoA","13C2-

PFD_oA", "76.8", "", "IS", "Yes", "Y", "", "Y", "", "", "", "PCT_REC", "", "", "", "100", "76.8", "76.8", "", "", "", "50", "150",
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"IS72MW15D-20200701", "537_MOD", "07/15/20", "03:58", "N", "NA", "000", "13C2-PFTeDA", "13C2-
PFTeDA", "63.2", "", "IS", "Yes", "Y", "", "Y", "", "", "", "PCT_REC", "", "", "", "100", "63.2", "63.2", "", "", "", "50", "150",
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"222MW09D-20200701", "537_MOD", "07/15/20", "04:08", "N", "NA", "000", "375-73-
5", "PFBS", "0.0105", "", "TRG", "Yes", "Y", "", "Y", "0.00139", "0.00202", "0.00405", "UG_L", "UG_L", "", "", "", "", "", "",
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"222MW09D-20200701", "537_MOD", "07/15/20", "04:08", "N", "NA", "000", "307-24-4", "PERFLUOROHEXANOIC
ACID
(PFHXA)", "0.0207", "", "TRG", "Yes", "Y", "", "Y", "0.00139", "0.00202", "0.00405", "UG_L", "UG_L", "", "", "", "", "", "",
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"222MW09D-20200701", "537_MOD", "07/15/20", "04:08", "N", "NA", "000", "13252-13-
6", "HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-
DA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00244", "0.00304", "0.00405", "UG_L", "UG_L", "", "", "", "", "", "", "", "",
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"222MW09D-20200701", "537_MOD", "07/15/20", "04:08", "N", "NA", "000", "375-85-9", "PERFLUOROHEPTANOIC
ACID
(PFHPA)", "0.00555", "", "TRG", "Yes", "Y", "", "Y", "0.00139", "0.00202", "0.00405", "UG_L", "UG_L", "", "", "", "", "", "",
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"222MW09D-20200701", "537_MOD", "07/15/20", "04:08", "N", "NA", "000", "919005-14-4", "4,8-DIOXA-3H-
PERFLUORONONANOIC ACID
(ADONA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00139", "0.00202", "0.00405", "UG_L", "UG_L", "", "", "", "", "", "", "", "",
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"222MW09D-20200701", "537_MOD", "07/15/20", "04:08", "N", "NA", "000", "355-46-
4", "PERFLUOROHEXANESULFONIC ACID
(PFHXS)", "0.0702", "", "TRG", "Yes", "Y", "", "Y", "0.00139", "0.00202", "0.00405", "UG_L", "UG_L", "", "", "", "", "", "",
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"222MW09D-20200701", "537_MOD", "07/15/20", "04:08", "N", "NA", "000", "335-67-1", "PERFLUOROCTANOIC
ACID
(PFOA)", "0.0839", "", "TRG", "Yes", "Y", "", "Y", "0.00139", "0.00202", "0.00405", "UG_L", "UG_L", "", "", "", "", "", "",
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"222MW09D-20200701", "537_MOD", "07/15/20", "04:08", "N", "NA", "000", "375-95-1", "PERFLUORONONANOIC
ACID
(PFNA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00139", "0.00202", "0.00405", "UG_L", "UG_L", "", "", "", "", "", "", "", "",
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"222MW09D-20200701", "537_MOD", "07/15/20", "04:08", "N", "NA", "000", "1763-23-
1", "HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION
", "0.0150", "", "TRG", "Yes", "Y", "Q", "Y", "0.00139", "0.00202", "0.00405", "UG_L", "UG_L", "", "", "", "", "", "", "", "",
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"222MW09D-20200701", "537_MOD", "07/15/20", "04:08", "N", "NA", "000", "756426-58-1", "9-
CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID (9CI-
PF3ONS)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00139", "0.00202", "0.00405", "UG_L", "UG_L", "", "", "", "", "", "", "", "",
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"222MW09D-20200701", "537_MOD", "07/15/20", "04:08", "N", "NA", "000", "335-76-2", "PERFLUORODECANOIC
ACID
(PFDA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00139", "0.00202", "0.00405", "UG_L", "UG_L", "", "", "", "", "", "", "", "",
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"222MW09D-20200701", "537_MOD", "07/15/20", "04:08", "N", "NA", "000", "2355-31-
9", "MeFOSAA", "", "", "TRG", "Yes", "N", "U", "Y", "0.00139", "0.00202", "0.00405", "UG_L", "UG_L", "", "", "", "", "", "", "", "",
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"222MW09D-20200701", "537_MOD", "07/15/20", "04:08", "N", "NA", "000", "2991-50-
6", "EtFOSAA", "", "", "TRG", "Yes", "N", "U", "Y", "0.00139", "0.00202", "0.00405", "UG_L", "UG_L", "", "", "", "", "", "", "", "",
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"222MW09D-20200701","537_MOD","07/15/20","04:08","N","NA","000","13C2-PFDoA","13C2-PFDoA","66.3","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","66.3","66.3","","","","","50","150","","",""

"222MW09D-20200701","537_MOD","07/15/20","04:08","N","NA","000","13C2-PFTeDA","13C2-PFTeDA","62.2","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","62.2","62.2","","","","","50","150","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","375-73-5","PFBS","0.0105","","TRG","Yes","Y","","Y","0.00132","0.00193","0.00386","UG_L","UG_L","","","","","","","","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","307-24-4","PERFLUOROHEXANOIC ACID (PFHXA)","0.0226","","TRG","Yes","Y","","Y","0.00132","0.00193","0.00386","UG_L","UG_L","","","","","","","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","13252-13-6","HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-DA)","","","TRG","Yes","N","U","Y","0.00233","0.00290","0.00386","UG_L","UG_L","","","","","","","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","375-85-9","PERFLUOROHEPTANOIC ACID (PFHPA)","0.00521","","TRG","Yes","Y","","Y","0.00132","0.00193","0.00386","UG_L","UG_L","","","","","","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","919005-14-4","4,8-DIOXA-3H-PERFLUORONONANOIC ACID (ADONA)","","","TRG","Yes","N","U","Y","0.00132","0.00193","0.00386","UG_L","UG_L","","","","","","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","355-46-4","PERFLUOROHEXANESULFONIC ACID (PFHXS)","0.0610","","TRG","Yes","Y","","Y","0.00132","0.00193","0.00386","UG_L","UG_L","","","","","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","335-67-1","PERFLUOROCTANOIC ACID (PFOA)","0.0822","","TRG","Yes","Y","","Y","0.00132","0.00193","0.00386","UG_L","UG_L","","","","","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","375-95-1","PERFLUORONONANOIC ACID (PFNA)","","","TRG","Yes","N","U","Y","0.00132","0.00193","0.00386","UG_L","UG_L","","","","","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","1763-23-1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION","0.0154","","TRG","Yes","Y","Q","Y","0.00132","0.00193","0.00386","UG_L","UG_L","","","","","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","756426-58-1","9-CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID (9CI-PF3ONS)","","","TRG","Yes","N","U","Y","0.00132","0.00193","0.00386","UG_L","UG_L","","","","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","335-76-2","PERFLUORODECANOIC ACID (PFDA)","","","TRG","Yes","N","U","Y","0.00132","0.00193","0.00386","UG_L","UG_L","","","","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","2355-31-9","MeFOSAA","","","TRG","Yes","N","U","Y","0.00132","0.00193","0.00386","UG_L","UG_L","","","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","2991-50-6","EtFOSAA","","","TRG","Yes","N","U","Y","0.00132","0.00193","0.00386","UG_L","UG_L","","","",""

"DUP02-20200701","537_MOD","07/15/20","04:18","N","NA","000","2058-94-8","PERFLUOROUNDECANOIC ACID (PFUNA)","","","TRG","Yes","N","U","Y","0.00132","0.00193","0.00386","UG_L","UG_L","","","",""

PFTeDA", "55.3", "", "IS", "Yes", "Y", "", "Y", "", "", "", "PCT_REC", "", "", "", "100", "55.3", "55.3", "", "", "", "", "50", "150",
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"IS72MW17D-20200701", "537_MOD", "07/15/20", "04:29", "N", "NA", "000", "375-73-
5", "PFBS", "0.0262", "", "TRG", "Yes", "Y", "", "Y", "0.00138", "0.00202", "0.00403", "UG_L", "UG_L", "", "", "", "", "", "", "",
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"IS72MW17D-20200701", "537_MOD", "07/15/20", "04:29", "N", "NA", "000", "307-24-4", "PERFLUOROHEXANOIC
ACID
(PFHXA)", "0.185", "", "TRG", "Yes", "Y", "", "Y", "0.00138", "0.00202", "0.00403", "UG_L", "UG_L", "", "", "", "", "", "", "",
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"IS72MW17D-20200701", "537_MOD", "07/15/20", "04:29", "N", "NA", "000", "13252-13-
6", "HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-
DA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00243", "0.00302", "0.00403", "UG_L", "UG_L", "", "", "", "", "", "", "",
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"IS72MW17D-20200701", "537_MOD", "07/15/20", "04:29", "N", "NA", "000", "375-85-9", "PERFLUOROHEPTANOIC
ACID
(PFHPA)", "0.0980", "", "TRG", "Yes", "Y", "", "Y", "0.00138", "0.00202", "0.00403", "UG_L", "UG_L", "", "", "", "", "", "", "",
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"IS72MW17D-20200701", "537_MOD", "07/15/20", "04:29", "N", "NA", "000", "919005-14-4", "4,8-DIOXA-3H-
PERFLUORONONANOIC ACID
(ADONA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00138", "0.00202", "0.00403", "UG_L", "UG_L", "", "", "", "", "", "", "",
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"IS72MW17D-20200701", "537_MOD", "07/15/20", "04:29", "N", "NA", "000", "355-46-
4", "PERFLUOROHEXANESULFONIC ACID
(PFHXS)", "0.0788", "", "TRG", "Yes", "Y", "", "Y", "0.00138", "0.00202", "0.00403", "UG_L", "UG_L", "", "", "", "", "", "", "",
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"IS72MW17D-20200701", "537_MOD", "07/15/20", "04:29", "N", "NA", "000", "335-67-1", "PERFLUOROCTANOIC
ACID
(PFOA)", "0.781", "", "TRG", "Yes", "Y", "", "Y", "0.00138", "0.00202", "0.00403", "UG_L", "UG_L", "", "", "", "", "", "", "",
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"IS72MW17D-20200701", "537_MOD", "07/15/20", "04:29", "N", "NA", "000", "375-95-1", "PERFLUORONONANOIC
ACID
(PFNA)", "0.00477", "", "TRG", "Yes", "Y", "", "Y", "0.00138", "0.00202", "0.00403", "UG_L", "UG_L", "", "", "", "", "", "", "",
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"IS72MW17D-20200701", "537_MOD", "07/15/20", "04:29", "N", "NA", "000", "1763-23-
1", "HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION
", "0.0432", "", "TRG", "Yes", "Y", "", "Y", "0.00138", "0.00202", "0.00403", "UG_L", "UG_L", "", "", "", "", "", "", "",
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"IS72MW17D-20200701", "537_MOD", "07/15/20", "04:29", "N", "NA", "000", "756426-58-1", "9-
CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID (9CI-
PF3ONS)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00138", "0.00202", "0.00403", "UG_L", "UG_L", "", "", "", "", "", "", "",
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"IS72MW17D-20200701", "537_MOD", "07/15/20", "04:29", "N", "NA", "000", "335-76-2", "PERFLUORODECANOIC
ACID
(PFDA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00138", "0.00202", "0.00403", "UG_L", "UG_L", "", "", "", "", "", "", "",
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"IS72MW17D-20200701", "537_MOD", "07/15/20", "04:29", "N", "NA", "000", "2355-31-
9", "MeFOSAA", "", "", "TRG", "Yes", "N", "U", "Y", "0.00138", "0.00202", "0.00403", "UG_L", "UG_L", "", "", "", "", "", "", "",
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8", "PERFLUOROUNDECANOIC ACID
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CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID (11Cl-
PF3OUdS)","","","TRG","Yes","N","U","Y","0.00138","0.00202","0.00403","UG_L","UG_L","","","","","","","","",""
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"IS72MW17D-20200701","537_MOD","07/15/20","04:29","N","NA","000","307-55-
1","PERFLUORODODECANOIC ACID
(PFDOA)","","","TRG","Yes","N","U","Y","0.00138","0.00202","0.00403","UG_L","UG_L","","","","","","","",""
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"IS72MW17D-20200701","537_MOD","07/15/20","04:29","N","NA","000","72629-94-
8","PFTTrDA","","","TRG","Yes","N","U","Y","0.00138","0.00202","0.00403","UG_L","UG_L","","","","","","",""
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"IS72MW17D-20200701","537_MOD","07/15/20","04:29","N","NA","000","376-06-
7","PFTeDA","","","TRG","Yes","N","U","Y","0.00138","0.00202","0.00403","UG_L","UG_L","","","","","",""
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"IS72MW17D-20200701","537_MOD","07/15/20","04:29","N","NA","000","13C3-HFPO-DA","13C3-HFPO-
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"IS72MW17D-20200701","537_MOD","07/15/20","04:29","N","NA","000","13C2-PFHxA","13C2-
PFHxA","68.5","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","68.5","68.5","","","","","50","150",""
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"IS72MW17D-20200701","537_MOD","07/15/20","04:29","N","NA","000","13C4-PFHpA","13C4-
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"IS72MW17D-20200701","537_MOD","07/15/20","04:29","N","NA","000","13C5-PFNA","13C5-
PFNA","69.1","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","69.1","69.1","","","","","50","150",""
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"IS72MW17D-20200701","537_MOD","07/15/20","04:29","N","NA","000","13C2-PFOA","13C2-
PFOA","67.6","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","67.6","67.6","","","","","50","150",""
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"IS72MW17D-20200701","537_MOD","07/15/20","04:29","N","NA","000","13C8-PFOS","13C8-
PFOS","72.0","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","72.0","72.0","","","","","50","150",""
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"IS72MW17D-20200701","537_MOD","07/15/20","04:29","N","NA","000","13C2-PFDA","13C2-
PFDA","76.1","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","76.1","76.1","","","","","50","150",""
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"IS72MW17D-20200701","537_MOD","07/15/20","04:29","N","NA","000","d3-MeFOSAA","d3-
MeFOSAA","72.4","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","72.4","72.4","","","","","50","150"
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PFUnA","62.7","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","62.7","62.7","","","","","50","150",""
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"IS72MW17D-20200701","537_MOD","07/15/20","04:29","N","NA","000","d5-EtFOSAA","d5-
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PFDoA","65.9","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","65.9","65.9","","","","","50","150",""
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"IS72MW17D-20200701","537_MOD","07/15/20","04:29","N","NA","000","13C2-PFTeDA","13C2-PFTeDA","54.4","","IS","Yes","Y","","Y","","","PCT_REC","","","100","54.4","54.4","","","50","150",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","375-73-5","PFBS","0.0285","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","307-24-4","PERFLUOROHEXANOIC ACID (PFHXA)","0.189","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","13252-13-6","HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-DA)","","TRG","Yes","N","U","Y","0.00246","0.00306","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","375-85-9","PERFLUOROHEPTANOIC ACID (PFHPA)","0.0945","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","919005-14-4","4,8-DIOXA-3H-PERFLUORONONANOIC ACID (ADONA)","","TRG","Yes","N","U","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","355-46-4","PERFLUOROHEXANESULFONIC ACID (PFHXS)","0.0737","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","335-67-1","PERFLUOROOCCTANOIC ACID (PFOA)","0.755","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","375-95-1","PERFLUORONONANOIC ACID (PFNA)","0.00546","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","1763-23-1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION","0.0418","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","756426-58-1","9-CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID (9Cl-PF3ONS)","","TRG","Yes","N","U","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","335-76-2","PERFLUORODECANOIC ACID (PFDA)","","TRG","Yes","N","U","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","2355-31-9","MeFOSAA","","TRG","Yes","N","U","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","2991-50-6","EtFOSAA","","TRG","Yes","N","U","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","2058-94-8","PERFLUOROUNDECANOIC ACID (PFUNA)","","TRG","Yes","N","U","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","763051-92-9","11-CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID (11Cl-PF3OUdS)","","TRG","Yes","N","U","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","",
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","307-55-1","PERFLUORODODECANOIC
ACID
(PFDOA)","","","TRG","Yes","N","U","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","","","","","",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","72629-94-
8","PFTTrDA","","","TRG","Yes","N","U","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","","","","",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","376-06-
7","PFTeDA","","","TRG","Yes","N","U","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","","","",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","13C3-PFBS","13C3-
PFBS","80.4","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","80.4","80.4","","","","","50","150",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","13C3-HFPO-DA","13C3-HFPO-
DA","62.6","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","62.6","62.6","","","","","50","150",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","13C2-PFHxA","13C2-
PFHxA","72.4","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","72.4","72.4","","","","","50","150",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","13C4-PFHpA","13C4-
PFHpA","73.4","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","73.4","73.4","","","","","50","150",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","13C3-PFHxS","13C3-
PFHxS","81.3","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","81.3","81.3","","","","","50","150",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","13C5-PFNA","13C5-
PFNA","70.6","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","70.6","70.6","","","","","50","150",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","13C2-PFOA","13C2-
PFOA","73.5","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","73.5","73.5","","","","","50","150",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","13C8-PFOS","13C8-
PFOS","82.8","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","82.8","82.8","","","","","50","150",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","13C2-PFDA","13C2-
PFDA","74.5","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","74.5","74.5","","","","","50","150",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","d3-MeFOSAA","d3-
MeFOSAA","77.1","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","77.1","77.1","","","","","50","15
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","13C2-PFUnA","13C2-
PFUnA","68.3","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","68.3","68.3","","","","","50","150",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","d5-EtFOSAA","d5-
EtFOSAA","72.4","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","72.4","72.4","","","","","50","150
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","13C2-PFDoA","13C2-
PFDoA","77.3","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","77.3","77.3","","","","","50","150",""
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"DUP03-20200701","537_MOD","07/15/20","04:39","N","NA","000","13C2-PFTeDA","13C2-
PFTeDA","61.1","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","61.1","61.1","","","","","50","150"
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"I003MW01D-20200701","537_MOD","07/15/20","04:50","N","NA","000","375-73-

5","PFBS","0.982","","TRG","Yes","Y","","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","16:34","N","NA","DL1","307-24-4","PERFLUOROHEXANOIC
ACID
(PFHXA)","4.92","","TRG","Yes","Y","D","Y","0.0137","0.0200","0.0400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","04:50","N","NA","000","13252-13-
6","HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-
DA)","","","TRG","Yes","N","U","Y","0.00241","0.00300","0.00400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","04:50","N","NA","000","375-85-9","PERFLUOROHEPTANOIC
ACID
(PFHPA)","0.853","","TRG","Yes","Y","","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","04:50","N","NA","000","919005-14-4","4,8-DIOXA-3H-
PERFLUORONONANOIC ACID
(ADONA)","","","TRG","Yes","N","U","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","16:34","N","NA","DL1","355-46-
4","PERFLUOROHEXANESULFONIC ACID
(PFHXS)","5.98","","TRG","Yes","Y","D","Y","0.0137","0.0200","0.0400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","16:34","N","NA","DL1","335-67-1","PERFLUOROOCTANOIC
ACID
(PFOA)","10.6","","TRG","Yes","Y","D","Y","0.0137","0.0200","0.0400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","04:50","N","NA","000","375-95-1","PERFLUORONONANOIC
ACID
(PFNA)","0.0153","","TRG","Yes","Y","","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","16:34","N","NA","DL1","1763-23-
1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION
","3.12","","TRG","Yes","Y","D","Y","0.0137","0.0200","0.0400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","04:50","N","NA","000","756426-58-1","9-
CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID (9CI-
PF3ONS)","","","TRG","Yes","N","U","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","04:50","N","NA","000","335-76-2","PERFLUORODECANOIC
ACID
(PFDA)","","","TRG","Yes","N","U","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","04:50","N","NA","000","2355-31-
9","MeFOSAA","","","TRG","Yes","N","U","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","04:50","N","NA","000","2991-50-
6","EtFOSAA","","","TRG","Yes","N","U","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","04:50","N","NA","000","2058-94-
8","PERFLUOROUNDECANOIC ACID
(PFUNA)","","","TRG","Yes","N","U","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","","","","","","","",
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"I003MW01D-20200701","537_MOD","07/15/20","04:50","N","NA","000","763051-92-9","11-
CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID (11CI-

CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID (11Cl-

PF3OUdS)","","","TRG","Yes","N","U","Y","0.00133","0.00195","0.00390","UG_L","UG_L","","","","","","","","","
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"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","307-55-
1","PERFLUORODODECANOIC ACID
(PFDOA)","","","TRG","Yes","N","U","Y","0.00133","0.00195","0.00390","UG_L","UG_L","","","","","","","","","
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"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","72629-94-
8","PFTrDA","","","TRG","Yes","N","U","Y","0.00133","0.00195","0.00390","UG_L","UG_L","","","","","","","","","
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"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","376-06-
7","PFTeDA","","","TRG","Yes","N","U","Y","0.00133","0.00195","0.00390","UG_L","UG_L","","","","","","","","","
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"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","13C3-PFBS","13C3-
PFBS","72.4","","IS","Yes","Y","","Y","","","","","PCT_REC","","","","","100","72.4","72.4","","","","","50","150","","
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"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","13C3-HFPO-DA","13C3-HFPO-
DA","58.5","","IS","Yes","Y","","Y","","","","","PCT_REC","","","","","100","58.5","58.5","","","","","50","150","","
","",""
"I003MW02D-20200701","537_MOD","07/15/20","16:45","N","NA","DL1","13C2-PFHxA","13C2-
PFHxA","135","","IS","Yes","Y","D","Y","","","","","PCT_REC","","","","","100","135","135","","","","","50","150","","
","",""
"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","13C4-PFHpA","13C4-
PFHpA","62.4","","IS","Yes","Y","","Y","","","","","PCT_REC","","","","","100","62.4","62.4","","","","","50","150","","
","",""
"I003MW02D-20200701","537_MOD","07/15/20","16:45","N","NA","DL1","13C3-PFHxS","13C3-
PFHxS","139","","IS","Yes","Y","D","Y","","","","","PCT_REC","","","","","100","139","139","","","","","50","150","","
","",""
"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","13C5-PFNA","13C5-
PFNA","66.8","","IS","Yes","Y","","Y","","","","","PCT_REC","","","","","100","66.8","66.8","","","","","50","150","","
","",""
"I003MW02D-20200701","537_MOD","07/15/20","16:45","N","NA","DL1","13C2-PFOA","13C2-
PFOA","137","","IS","Yes","Y","D","Y","","","","","PCT_REC","","","","","100","137","137","","","","","50","150","","
","",""
"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","13C8-PFOS","13C8-
PFOS","70.7","","IS","Yes","Y","","Y","","","","","PCT_REC","","","","","100","70.7","70.7","","","","","50","150","","
","",""
"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","13C2-PFDA","13C2-
PFDA","67.2","","IS","Yes","Y","","Y","","","","","PCT_REC","","","","","100","67.2","67.2","","","","","50","150","","
","",""
"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","d3-MeFOSAA","d3-
MeFOSAA","63.9","","IS","Yes","Y","","Y","","","","","PCT_REC","","","","","100","63.9","63.9","","","","","50","150"
0","",""
"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","13C2-PFUnA","13C2-
PFUnA","64.8","","IS","Yes","Y","","Y","","","","","PCT_REC","","","","","100","64.8","64.8","","","","","50","150","","
","",""
"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","d5-EtFOSAA","d5-
EtFOSAA","56.8","","IS","Yes","Y","","Y","","","","","PCT_REC","","","","","100","56.8","56.8","","","","","50","150"
","",""
"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","13C2-PFDoA","13C2-
PFDoA","60.8","","IS","Yes","Y","","Y","","","","","PCT_REC","","","","","100","60.8","60.8","","","","","50","150","","
","",""
"I003MW02D-20200701","537_MOD","07/16/20","20:28","N","NA","000","13C2-PFTeDA","13C2-
PFTeDA","58.2","","IS","Yes","Y","","Y","","","","","PCT_REC","","","","","100","58.2","58.2","","","","","50","150"

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 "DUP04-20200701", "537_MOD", "07/15/20", "05:41", "N", "NA", "000", "375-73-5", "PFBS", "0.397", "", "TRG", "Yes", "Y", "", "Y", "0.00137", "0.00200", "0.00400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "16:55", "N", "NA", "DL1", "307-24-4", "PERFLUOROHEXANOIC ACID (PFHXA)", "2.57", "", "TRG", "Yes", "Y", "D", "Y", "0.0137", "0.0200", "0.0400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "05:41", "N", "NA", "000", "13252-13-6", "HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-DA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00241", "0.00300", "0.00400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "05:41", "N", "NA", "000", "375-85-9", "PERFLUOROHEPTANOIC ACID (PFHPA)", "0.529", "", "TRG", "Yes", "Y", "", "Y", "0.00137", "0.00200", "0.00400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "05:41", "N", "NA", "000", "919005-14-4", "4,8-DIOXA-3H-PERFLUORONONANOIC ACID (ADONA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00137", "0.00200", "0.00400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "16:55", "N", "NA", "DL1", "355-46-4", "PERFLUOROHEXANESULFONIC ACID (PFHXS)", "2.59", "", "TRG", "Yes", "Y", "D", "Y", "0.0137", "0.0200", "0.0400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "16:55", "N", "NA", "DL1", "335-67-1", "PERFLUOROOCCTANOIC ACID (PFOA)", "11.0", "", "TRG", "Yes", "Y", "D", "Y", "0.0137", "0.0200", "0.0400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "05:41", "N", "NA", "000", "375-95-1", "PERFLUORONONANOIC ACID (PFNA)", "0.00425", "", "TRG", "Yes", "Y", "", "Y", "0.00137", "0.00200", "0.00400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "05:41", "N", "NA", "000", "1763-23-1", "HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION", "0.972", "", "TRG", "Yes", "Y", "", "Y", "0.00137", "0.00200", "0.00400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "05:41", "N", "NA", "000", "756426-58-1", "9-CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID (9Cl-PF3ONS)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00137", "0.00200", "0.00400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "05:41", "N", "NA", "000", "335-76-2", "PERFLUORODECANOIC ACID (PFDA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00137", "0.00200", "0.00400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "05:41", "N", "NA", "000", "2355-31-9", "MeFOSAA", "", "", "TRG", "Yes", "N", "U", "Y", "0.00137", "0.00200", "0.00400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "05:41", "N", "NA", "000", "2991-50-6", "EtFOSAA", "", "", "TRG", "Yes", "N", "U", "Y", "0.00137", "0.00200", "0.00400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "05:41", "N", "NA", "000", "2058-94-8", "PERFLUOROUNDACANOIC ACID (PFUNA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00137", "0.00200", "0.00400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "05:41", "N", "NA", "000", "763051-92-9", "11-CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID (11Cl-PF3OUdS)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00137", "0.00200", "0.00400", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", "", ""
 "DUP04-20200701", "537_MOD", "07/15/20", "05:41", "N", "NA", "000", "307-55-1", "PERFLUORODODECANOIC

"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","307-24-4","PERFLUOROHEXANOIC ACID (PFHXA)","0.0229","","TRG","Yes","Y","","Y","0.00145","0.00212","0.00423","UG_L","UG_L","","","","","","","","",
"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","13252-13-6","HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-DA)","","TRG","Yes","N","U","Y","0.00255","0.00318","0.00423","UG_L","UG_L","","","","","","","","","",
"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","375-85-9","PERFLUOROHEPTANOIC ACID (PFHPA)","0.00525","","TRG","Yes","Y","","Y","0.00145","0.00212","0.00423","UG_L","UG_L","","","","","","","",
"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","919005-14-4","4,8-DIOXA-3H-PERFLUORONONANOIC ACID (ADONA)","","TRG","Yes","N","U","Y","0.00145","0.00212","0.00423","UG_L","UG_L","","","","","","","",
"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","355-46-4","PERFLUOROHEXANESULFONIC ACID (PFHXS)","0.0112","","TRG","Yes","Y","","Y","0.00145","0.00212","0.00423","UG_L","UG_L","","","","","","",
"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","335-67-1","PERFLUOROOCCTANOIC ACID (PFOA)","0.0109","","TRG","Yes","Y","","Y","0.00145","0.00212","0.00423","UG_L","UG_L","","","","","",
"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","375-95-1","PERFLUORONONANOIC ACID (PFNA)","0.00264","","TRG","Yes","Y","J","Y","0.00145","0.00212","0.00423","UG_L","UG_L","","","","",
"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","1763-23-1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION ","0.0570","","TRG","Yes","Y","","Y","0.00145","0.00212","0.00423","UG_L","UG_L","","","","",
"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","756426-58-1","9-CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID (9CI-PF3ONS)","","TRG","Yes","N","U","Y","0.00145","0.00212","0.00423","UG_L","UG_L","","","","",
"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","335-76-2","PERFLUORODECANOIC ACID (PFDA)","0.00189","","TRG","Yes","Y","J","Y","0.00145","0.00212","0.00423","UG_L","UG_L","","","","",
"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","2355-31-9","MeFOSAA","","TRG","Yes","N","U","Y","0.00145","0.00212","0.00423","UG_L","UG_L","","","","",
"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","2991-50-6","EtFOSAA","","TRG","Yes","N","U","Y","0.00145","0.00212","0.00423","UG_L","UG_L","","","","",
"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","2058-94-8","PERFLUOROUNDECANOIC ACID (PFUNA)","","TRG","Yes","N","U","Y","0.00145","0.00212","0.00423","UG_L","UG_L","","","","",
"I003MW05D-20200701","537_MOD","07/15/20","17:05","N","NA","000","763051-92-9","11-CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID (11CI-PF3OUdS)","","TRG","Yes","N","U","Y","0.00145","0.00212","0.00423","UG_L","UG_L","","","","",

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","307-24-4","PERFLUOROHEXANOIC ACID (PFHXA)","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","13252-13-6","HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-DA)","","","TRG","Yes","N","U","Y","0.00249","0.00310","0.00413","UG_L","UG_L","","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","375-85-9","PERFLUOROHEPTANOIC ACID (PFHPA)","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","919005-14-4","4,8-DIOXA-3H-PERFLUORONONANOIC ACID (ADONA)","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","355-46-4","PERFLUOROHEXANESULFONIC ACID (PFHXS)","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","335-67-1","PERFLUOROOCCTANOIC ACID (PFOA)","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","375-95-1","PERFLUORONONANOIC ACID (PFNA)","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","1763-23-1","HEPTADECAFLUOROACTANESULFONIC ACID SOLUTION","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","756426-58-1","9-CHLOROHEXADECAFLURO-3-OXANONE-1-SULFONIC ACID (9Cl-PF3ONS)","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","335-76-2","PERFLUORODECANOIC ACID (PFDA)","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","2355-31-9","MeFOSAA","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","2991-50-6","EtFOSAA","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","2058-94-8","PERFLUOROUNDECANOIC ACID (PFUNA)","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","763051-92-9","11-CHLOROEICOSAFLURO-3-OXAUNDECANE-1-SULFONIC ACID (11Cl-PF3OUdS)","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","307-55-1","PERFLUORODODECANOIC ACID (PFDOA)","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","","",""

"EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","72629-94-

8","PFTrDA","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","","","",""
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","376-06-
7","PFTeDA","","","TRG","Yes","N","U","Y","0.00142","0.00207","0.00413","UG_L","UG_L","","","","","","","","","","",""
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","13C3-PFBS","13C3-
PFBS","84.1","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","84.1","84.1","","","","","","50","150",""
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","13C3-HFPO-DA","13C3-HFPO-
DA","69.6","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","69.6","69.6","","","","","","50","150",""
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","13C2-PFHxA","13C2-
PFHxA","78.1","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","78.1","78.1","","","","","","50","150",""
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","13C4-PFHpA","13C4-
PFHpA","81.9","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","81.9","81.9","","","","","","50","150",""
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","13C3-PFHxS","13C3-
PFHxS","81.4","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","81.4","81.4","","","","","","50","150",""
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","13C5-PFNA","13C5-
PFNA","71.1","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","71.1","71.1","","","","","","50","150",""
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","13C2-PFOA","13C2-
PFOA","75.8","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","75.8","75.8","","","","","","50","150",""
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","13C8-PFOS","13C8-
PFOS","76.2","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","76.2","76.2","","","","","","50","150",""
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","13C2-PFDA","13C2-
PFDA","82.4","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","82.4","82.4","","","","","","50","150",""
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","d3-MeFOSAA","d3-
MeFOSAA","71.6","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","71.6","71.6","","","","","","50","150"
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","13C2-PFUnA","13C2-
PFUnA","75.5","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","75.5","75.5","","","","","","50","150",""
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","d5-EtFOSAA","d5-
EtFOSAA","70.6","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","70.6","70.6","","","","","","50","150"
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","13C2-PFDoA","13C2-
PFDoA","74.9","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","74.9","74.9","","","","","","50","150",""
","EB03-20200702","537_MOD","07/15/20","06:02","N","NA","000","13C2-PFTeDA","13C2-
PFTeDA","62.7","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","62.7","62.7","","","","","","50","150"
","TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","375-73-
5","PFBS","","","TRG","Yes","N","U","Y","0.00127","0.00185","0.00371","UG_L","UG_L","","","","","","","","","",""
","TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","307-24-4","PERFLUOROHEXANOIC ACID
(PFHXA)","0.00535","","TRG","Yes","Y","","Y","0.00127","0.00185","0.00371","UG_L","UG_L","","","","","","","",""
","TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","13252-13-6","HEXAFLUOROPROPYLENE

","","","","","","","","",""
"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","13C3-PFBS","13C3-
PFBS","68.4","","IS","Yes","Y","Y","","","PCT_REC","","","","100","68.4","68.4","","","","50","150",""
",""
"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","13C3-HFPO-DA","13C3-HFPO-
DA","64.2","","IS","Yes","Y","Y","","","PCT_REC","","","","100","64.2","64.2","","","","50","150",""
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"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","13C2-PFHxA","13C2-
PFHxA","71.0","","IS","Yes","Y","Y","","","PCT_REC","","","","100","71.0","71.0","","","","50","150",""
",""
"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","13C4-PFHpA","13C4-
PFHpA","70.6","","IS","Yes","Y","Y","","","PCT_REC","","","","100","70.6","70.6","","","","50","150",""
",""
"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","13C3-PFHxS","13C3-
PFHxS","73.9","","IS","Yes","Y","Y","","","PCT_REC","","","","100","73.9","73.9","","","","50","150",""
",""
"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","13C5-PFNA","13C5-
PFNA","70.0","","IS","Yes","Y","Y","","","PCT_REC","","","","100","70.0","70.0","","","","50","150",""
",""
"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","13C2-PFOA","13C2-
PFOA","72.8","","IS","Yes","Y","Y","","","PCT_REC","","","","100","72.8","72.8","","","","50","150",""
",""
"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","13C8-PFOS","13C8-
PFOS","79.2","","IS","Yes","Y","Y","","","PCT_REC","","","","100","79.2","79.2","","","","50","150",""
",""
"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","13C2-PFDA","13C2-
PFDA","74.8","","IS","Yes","Y","Y","","","PCT_REC","","","","100","74.8","74.8","","","","50","150",""
",""
"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","d3-MeFOSAA","d3-
MeFOSAA","67.5","","IS","Yes","Y","Y","","","PCT_REC","","","","100","67.5","67.5","","","","50","15
0",""
"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","13C2-PFUnA","13C2-
PFUnA","63.7","","IS","Yes","Y","Y","","","PCT_REC","","","","100","63.7","63.7","","","","50","150",""
",""
"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","d5-EtFOSAA","d5-
EtFOSAA","54.5","","IS","Yes","Y","Y","","","PCT_REC","","","","100","54.5","54.5","","","","50","150
",""
"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","13C2-PFDoA","13C2-
PFDoA","46.2","","IS","Yes","Y","H","Y","","","PCT_REC","","","","100","46.2","46.2","","","","50","150"
","*"
"TW07D-20200702","537_MOD","07/15/20","17:16","N","NA","000","13C2-PFTeDA","13C2-
PFTeDA","12.6","","IS","Yes","Y","H","Y","","","PCT_REC","","","","100","12.6","12.6","","","","50","15
0","*"
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","375-73-
5","PFBS","0.00677","","TRG","Yes","Y","Y","0.00132","0.00192","0.00385","UG_L","UG_L","","","",""
",""
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","307-24-4","PERFLUOROHEXANOIC ACID
(PFHXA)","0.0778","","TRG","Yes","Y","Y","0.00132","0.00192","0.00385","UG_L","UG_L","","","",""
",""
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","13252-13-6","HEXAFLUOROPROPYLENE
OXIDE DIMER ACID (HFPO-
DA)","","TRG","Yes","N","U","Y","0.00232","0.00288","0.00385","UG_L","UG_L","","","",""
",""
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","375-85-9","PERFLUOROHEPTANOIC ACID

(PFHPA)", "0.0184", "", "TRG", "Yes", "Y", "", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "919005-14-4", "4,8-DIOXA-3H-
PERFLUORONONANOIC ACID
(ADONA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "355-46-
4", "PERFLUOROHEXANESULFONIC ACID
(PFHXS)", "0.0289", "", "TRG", "Yes", "Y", "", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "335-67-1", "PERFLUOROOCCTANOIC ACID
(PFOA)", "0.352", "", "TRG", "Yes", "Y", "", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "375-95-1", "PERFLUORONONANOIC ACID
(PFNA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "1763-23-
1", "HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION
, "0.0172", "", "TRG", "Yes", "Y", "", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "756426-58-1", "9-
CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID (9CI-
PF3ONS)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "335-76-2", "PERFLUORODECANOIC ACID
(PFDA)", "0.00596", "", "TRG", "Yes", "Y", "", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "2355-31-
9", "MeFOSAA", "", "", "TRG", "Yes", "N", "U", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "2991-50-
6", "EtFOSAA", "", "", "TRG", "Yes", "N", "U", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "2058-94-8", "PERFLUOROUNDECANOIC
ACID
(PFUNA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "763051-92-9", "11-
CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID (11CI-
PF3OUdS)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "307-55-1", "PERFLUORODODECANOIC
ACID
(PFDOA)", "", "", "TRG", "Yes", "N", "U", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "72629-94-
8", "PFTTrDA", "", "", "TRG", "Yes", "N", "U", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "376-06-
7", "PFTeDA", "", "", "TRG", "Yes", "N", "U", "Y", "0.00132", "0.00192", "0.00385", "UG_L", "UG_L", "", "", "", "", "", "", "", "", "", ""
"TW05D-20200702", "537_MOD", "07/15/20", "06:23", "N", "NA", "000", "13C3-PFBS", "13C3-
PFBS", "84.6", "", "IS", "Yes", "Y", "", "Y", "", "", "", "PCT_REC", "", "", "", "100", "84.6", "84.6", "", "", "", "50", "150", "",
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"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","13C3-HFPO-DA","13C3-HFPO-DA","61.1","","IS","Yes","Y","","Y","","","PCT_REC","","","100","61.1","61.1","","","50","150","","",
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","13C2-PFHxA","13C2-PFHxA","69.4","","IS","Yes","Y","","Y","","","PCT_REC","","","100","69.4","69.4","","","50","150",
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","13C4-PFHpA","13C4-PFHpA","67.3","","IS","Yes","Y","","Y","","","PCT_REC","","","100","67.3","67.3","","","50","150",
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","13C3-PFHxS","13C3-PFHxS","67.9","","IS","Yes","Y","","Y","","","PCT_REC","","","100","67.9","67.9","","","50","150",
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","13C5-PFNA","13C5-PFNA","64.8","","IS","Yes","Y","","Y","","","PCT_REC","","","100","64.8","64.8","","","50","150",
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","13C2-PFOA","13C2-PFOA","72.4","","IS","Yes","Y","","Y","","","PCT_REC","","","100","72.4","72.4","","","50","150",
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","13C8-PFOS","13C8-PFOS","63.8","","IS","Yes","Y","","Y","","","PCT_REC","","","100","63.8","63.8","","","50","150",
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","13C2-PFDA","13C2-PFDA","74.1","","IS","Yes","Y","","Y","","","PCT_REC","","","100","74.1","74.1","","","50","150",
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","d3-MeFOSAA","d3-MeFOSAA","63.0","","IS","Yes","Y","","Y","","","PCT_REC","","","100","63.0","63.0","","","50","150",
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","13C2-PFUnA","13C2-PFUnA","60.2","","IS","Yes","Y","","Y","","","PCT_REC","","","100","60.2","60.2","","","50","150",
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","d5-EtFOSAA","d5-EtFOSAA","58.8","","IS","Yes","Y","","Y","","","PCT_REC","","","100","58.8","58.8","","","50","150",
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","13C2-PFDoA","13C2-PFDoA","55.8","","IS","Yes","Y","","Y","","","PCT_REC","","","100","55.8","55.8","","","50","150",
"TW05D-20200702","537_MOD","07/15/20","06:23","N","NA","000","13C2-PFTeDA","13C2-PFTeDA","28.0","","IS","Yes","Y","H","Y","","","PCT_REC","","","100","28.0","28.0","","","50","150",
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","375-73-5","PFBS","","TRG","Yes","N","U","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","50","150",
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","307-24-4","PERFLUOROHEXANOIC ACID (PFHXA)","","TRG","Yes","N","U","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","50","150",
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","13252-13-6","HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-DA)","","TRG","Yes","N","U","Y","0.00241","0.00300","0.00400","UG_L","UG_L","","","50","150",
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","375-85-9","PERFLUOROHEPTANOIC ACID (PFHPA)","","TRG","Yes","N","U","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","50","150",
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","919005-14-4","4,8-DIOXA-3H-PERFLUORONONANOIC ACID

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"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","13C4-PFHpA","13C4-
PFHpA","65.5","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","65.5","65.5","","","","50","150","
","",""
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","13C3-PFHxS","13C3-
PFHxS","72.4","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","72.4","72.4","","","","50","150","
","",""
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","13C5-PFNA","13C5-
PFNA","64.8","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","64.8","64.8","","","","50","150","
","",""
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","13C2-PFOA","13C2-
PFOA","68.7","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","68.7","68.7","","","","50","150","
","",""
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","13C8-PFOS","13C8-
PFOS","68.0","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","68.0","68.0","","","","50","150","
","",""
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","13C2-PFDA","13C2-
PFDA","64.5","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","64.5","64.5","","","","50","150","
","",""
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","d3-MeFOSAA","d3-
MeFOSAA","58.5","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","58.5","58.5","","","","50","15
0","","",""
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","13C2-PFUnA","13C2-
PFUnA","59.1","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","59.1","59.1","","","","50","150","
","",""
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","d5-EtFOSAA","d5-
EtFOSAA","56.5","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","56.5","56.5","","","","50","150
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"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","13C2-PFDoA","13C2-
PFDoA","62.0","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","62.0","62.0","","","","50","150","
","",""
"B0G0034-BLK1","537_MOD","07/15/20","02:35","N","NA","000","13C2-PFTeDA","13C2-
PFTeDA","58.5","","IS","Yes","Y","","Y","","","","PCT_REC","","","","","100","58.5","58.5","","","","50","150
","",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","375-73-
5","PFBS","0.0415","","TRG","Yes","Y","","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","0.0400","0.
0415","104","","","","72","130","","",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","307-24-4","PERFLUOROHEXANOIC ACID
(PFHXA)","0.0421","","TRG","Yes","Y","","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","0.0400","0.
0421","105","","","","72","129","","",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","13252-13-6","HEXAFLUOROPROPYLENE
OXIDE DIMER ACID (HFPO-
DA)","0.0366","","TRG","Yes","Y","","Y","0.00241","0.00300","0.00400","UG_L","UG_L","","","","0.0400","0.0366
","91.6","","","","70","130","","",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","375-85-9","PERFLUOROHEPTANOIC ACID
(PFHPA)","0.0426","","TRG","Yes","Y","","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","0.0400","0.
0426","107","","","","72","130","","",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","919005-14-4","4,8-DIOXA-3H-
PERFLUORONONANOIC ACID
(ADONA)","0.0423","","TRG","Yes","Y","","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","0.0400","0.
.0423","106","","","","70","130","","",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","355-46-4","PERFLUOROHEXANESULFONIC
ACID
(PFHXS)","0.0400","","TRG","Yes","Y","","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","","","0.0400","0.

0400","100","","","68","131","","",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","335-67-1","PERFLUOROOCCTANOIC ACID (PFOA)","0.0414","TRG","Yes","Y","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","0.0400","0.0414","104","71","133",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","375-95-1","PERFLUORONONANOIC ACID (PFNA)","0.0421","TRG","Yes","Y","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","0.0400","0.0421","105","69","130",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","1763-23-1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION","0.0355","TRG","Yes","Y","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","0.0400","0.0355","88.7","65","140",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","756426-58-1","9-CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID (9CI-PF3ONS)","0.0357","TRG","Yes","Y","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","0.0400","0.0357","89.3","70","130",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","335-76-2","PERFLUORODECANOIC ACID (PFDA)","0.0425","TRG","Yes","Y","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","0.0400","0.0425","106","71","129",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","2355-31-9","MeFOSAA","0.0394","TRG","Yes","Y","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","0.0400","0.0394","98.5","65","136",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","2991-50-6","EtFOSAA","0.0416","TRG","Yes","Y","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","0.0400","0.0416","104","61","135",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","2058-94-8","PERFLUOROUNDECANOIC ACID (PFUNA)","0.0423","TRG","Yes","Y","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","0.0400","0.0423","106","69","133",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","763051-92-9","11-CHLORO EICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID (11CI-PF3OUdS)","0.0508","TRG","Yes","Y","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","0.0400","0.0508","127","70","130",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","307-55-1","PERFLUORODODECANOIC ACID (PFDOA)","0.0495","TRG","Yes","Y","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","0.0400","0.0495","124","72","134",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","72629-94-8","PFTTrDA","0.0442","TRG","Yes","Y","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","0.0400","0.0442","110","65","144",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","376-06-7","PFTeDA","0.0416","TRG","Yes","Y","Y","0.00137","0.00200","0.00400","UG_L","UG_L","","0.0400","0.0416","104","71","132",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","13C3-PFBs","13C3-PFBs","85.8","IS","Yes","Y","Y","PCT_REC","100","85.8","85.8","50","150",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","13C3-HFPO-DA","13C3-HFPO-DA","75.6","IS","Yes","Y","Y","PCT_REC","100","75.6","75.6","50","150",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","13C2-PFHxA","13C2-PFHxA","79.5","IS","Yes","Y","Y","PCT_REC","100","79.5","79.5","50","150",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","13C4-PFHpA","13C4-PFHpA","76.3","IS","Yes","Y","Y","PCT_REC","100","76.3","76.3","50","150",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","13C3-PFHxS","13C3-PFHxS","80.4","IS","Yes","Y","Y","PCT_REC","100","80.4","80.4","50","150",""

","",""
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","13C5-PFNA","13C5-
PFNA","72.6","IS","Yes","Y","Y","PCT_REC","100","72.6","72.6","50","150","
"
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","13C2-PFOA","13C2-
PFOA","81.0","IS","Yes","Y","Y","PCT_REC","100","81.0","81.0","50","150","
"
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","13C8-PFOS","13C8-
PFOS","82.4","IS","Yes","Y","Y","PCT_REC","100","82.4","82.4","50","150","
"
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","13C2-PFDA","13C2-
PFDA","70.2","IS","Yes","Y","Y","PCT_REC","100","70.2","70.2","50","150","
"
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","d3-MeFOSAA","d3-
MeFOSAA","66.7","IS","Yes","Y","Y","PCT_REC","100","66.7","66.7","50","15
0","
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","13C2-PFUnA","13C2-
PFUnA","66.3","IS","Yes","Y","Y","PCT_REC","100","66.3","66.3","50","150","
"
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","d5-EtFOSAA","d5-
EtFOSAA","63.1","IS","Yes","Y","Y","PCT_REC","100","63.1","63.1","50","150
"
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","13C2-PFDoA","13C2-
PFDoA","51.9","IS","Yes","Y","Y","PCT_REC","100","51.9","51.9","50","150","
"
"B0G0034-BS1","537_MOD","07/15/20","02:45","N","NA","000","13C2-PFTeDA","13C2-
PFTeDA","59.2","IS","Yes","Y","Y","PCT_REC","100","59.2","59.2","50","150"
"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","375-73-
5","PFBS","0.0654","TRG","Yes","Y","Y","0.00142","0.00207","0.00414","UG_L","UG_L","0.0236","0.04
14","0.0654","101","72","130"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","307-24-4","PERFLUOROHEXANOIC ACID
(PFHXA)","0.0889","TRG","Yes","Y","Y","0.00142","0.00207","0.00414","UG_L","UG_L","0.0429","0.04
14","0.0889","111","72","129"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","13252-13-6","HEXAFLUOROPROPYLENE
OXIDE DIMER ACID (HFPO-
DA)","0.0403","TRG","Yes","Y","Y","0.00249","0.00310","0.00414","UG_L","UG_L","0.0414","0.0403
","97.4","70","130"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","375-85-9","PERFLUOROHEPTANOIC ACID
(PFHPA)","0.0605","TRG","Yes","Y","Y","0.00142","0.00207","0.00414","UG_L","UG_L","0.0132","0.04
14","0.0605","114","72","130"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","919005-14-4","4,8-DIOXA-3H-
PERFLUORONONANOIC ACID
(ADONA)","0.0434","TRG","Yes","Y","Y","0.00142","0.00207","0.00414","UG_L","UG_L","0.0414","0
.0434","105","70","130"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","355-46-4","PERFLUOROHEXANESULFONIC
ACID
(PFHXS)","0.198","TRG","Yes","Y","Y","0.00142","0.00207","0.00414","UG_L","UG_L","0.161","0.0414
","0.198","90.5","68","131"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","335-67-1","PERFLUOROOCCTANOIC ACID
(PFOA)","0.212","TRG","Yes","Y","Y","0.00142","0.00207","0.00414","UG_L","UG_L","0.167","0.0414",
"0.212","109","71","133"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","375-95-1","PERFLUORONONANOIC ACID
(PFNA)","0.0467","TRG","Yes","Y","Y","0.00142","0.00207","0.00414","UG_L","UG_L","0.0414","0.0

467","111","","","","69","130","","","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","1763-23-1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION",
","0.115","","TRG","Yes","Y","","Y","0.00142","0.00207","0.00414","UG_L","UG_L","","","0.0650","0.0414","0.115",
","121","","","","65","140","","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","756426-58-1","9-CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID (9CI-PF3ONS)",
","0.0427","","TRG","Yes","Y","","Y","0.00142","0.00207","0.00414","UG_L","UG_L","","","0.0414","0.0427",
","103","","","70","130","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","335-76-2","PERFLUORODECANOIC ACID (PFDA)",
","0.0472","","TRG","Yes","Y","","Y","0.00142","0.00207","0.00414","UG_L","UG_L","","","0.0414","0.0472",
","114","","","71","129","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","2355-31-9","MeFOSAA",
","0.0442","","TRG","Yes","Y","","Y","0.00142","0.00207","0.00414","UG_L","UG_L","","","0.0414",
","0.0442","107","","65","136","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","2991-50-6","EtFOSAA",
","0.0544","","TRG","Yes","Y","","Y","0.00142","0.00207","0.00414","UG_L","UG_L","","","0.0414",
","0.0544","131","","61","135","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","2058-94-8","PERFLUOROUNDECANOIC ACID (PFUNA)",
","0.0483","","TRG","Yes","Y","","Y","0.00142","0.00207","0.00414","UG_L","UG_L","","","0.0414","0.0483",
","117","","69","133","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","763051-92-9","11-CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID (11CI-PF3OUdS)",
","0.0403","","TRG","Yes","Y","","Y","0.00142","0.00207","0.00414","UG_L","UG_L","","","0.0414",
","0.0403","97.4","","70","130",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","307-55-1","PERFLUORODODECANOIC ACID (PFDOA)",
","0.0423","","TRG","Yes","Y","","Y","0.00142","0.00207","0.00414","UG_L","UG_L","","","0.0414","0.0423",
","102","","72","134",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","72629-94-8","PFTTrDA",
","0.0423","","TRG","Yes","Y","","Y","0.00142","0.00207","0.00414","UG_L","UG_L","","","0.0414",
","0.0423","102","","65","144",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","376-06-7","PFTeDA",
","0.0424","","TRG","Yes","Y","","Y","0.00142","0.00207","0.00414","UG_L","UG_L","","","0.0414",
","0.0424","102","","71","132",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","13C3-PFBS","13C3-PFBS",
","88.6","","IS","Yes","Y","","Y","","","PCT_REC","","100","88.6","88.6","","50","150",
"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","13C3-HFPO-DA","13C3-HFPO-DA",
","67.1","","IS","Yes","Y","","Y","","","PCT_REC","","100","67.1","67.1","","50","150",
"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","13C2-PFHxA","13C2-PFHxA",
","78.4","","IS","Yes","Y","","Y","","","PCT_REC","","100","78.4","78.4","","50","150",
"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","13C4-PFHpA","13C4-PFHpA",
","76.4","","IS","Yes","Y","","Y","","","PCT_REC","","100","76.4","76.4","","50","150",
"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","13C3-PFHxS","13C3-PFHxS",
","79.7","","IS","Yes","Y","","Y","","","PCT_REC","","100","79.7","79.7","","50","150",
"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","13C5-PFNA","13C5-PFNA",
","72.3","","IS","Yes","Y","","Y","","","PCT_REC","","100","72.3","72.3","","50","150",
"
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","13C2-PFOA","13C2-PFOA",
","78.4","","IS","Yes","Y","","Y","","","PCT_REC","","100","78.4","78.4","","50","150",
"

","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","13C8-PFOS","13C8-
PFOS","77.3","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","77.3","77.3","","","","50","150",""
","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","13C2-PFDA","13C2-
PFDA","71.2","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","71.2","71.2","","","","50","150",""
","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","d3-MeFOSAA","d3-
MeFOSAA","73.5","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","73.5","73.5","","","","50","15
0","","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","13C2-PFUnA","13C2-
PFUnA","68.4","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","68.4","68.4","","","","50","150",""
","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","d5-EtFOSAA","d5-
EtFOSAA","61.2","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","61.2","61.2","","","","50","150
","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","13C2-PFDoA","13C2-
PFDoA","70.8","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","70.8","70.8","","","","50","150",""
","",""
"B0G0034-MS1","537_MOD","07/15/20","02:56","N","NA","000","13C2-PFTeDA","13C2-
PFTeDA","67.1","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","67.1","67.1","","","","50","150"
","",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","375-73-
5","PFBS","1.02","","TRG","Yes","Y","","Y","0.00139","0.00203","0.00407","UG_L","UG_L","","","0.982","0.0407",
"1.02","104","","","72","130","","",""
"B0G0034-MS2","537_MOD","07/16/20","20:49","N","NA","DL1","307-24-4","PERFLUOROHEXANOIC ACID
(PFHXA)","6.73","","TRG","Yes","Y","D,
H","Y","0.0139","0.0203","0.0407","UG_L","UG_L","","","4.92","0.407","6.73","444","","","72","129","","+",
",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","13252-13-6","HEXAFLUOROPROPYLENE
OXIDE DIMER ACID (HFPO-
DA)","0.0408","","TRG","Yes","Y","","Y","0.00245","0.00305","0.00407","UG_L","UG_L","","","0.0407","0.0408
","100","","70","130","",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","375-85-9","PERFLUOROHEPTANOIC ACID
(PFHPA)","0.955","","TRG","Yes","Y","H","Y","0.00139","0.00203","0.00407","UG_L","UG_L","","","0.853","0.040
7","0.955","250","","72","130","","+",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","919005-14-4","4,8-DIOXA-3H-
PERFLUORONONANOIC ACID
(ADONA)","0.0452","","TRG","Yes","Y","","Y","0.00139","0.00203","0.00407","UG_L","UG_L","","","0.0407","0
.0452","111","","70","130","",""
"B0G0034-MS2","537_MOD","07/16/20","20:49","N","NA","DL1","355-46-4","PERFLUOROHEXANESULFONIC
ACID (PFHXS)","11.1","","TRG","Yes","Y","D,
H","Y","0.0139","0.0203","0.0407","UG_L","UG_L","","","5.98","0.407","11.1","1260","","68","131","","+
",""
"B0G0034-MS2","537_MOD","07/16/20","20:49","N","NA","DL1","335-67-1","PERFLUOROOCCTANOIC ACID
(PFOA)","11.3","","TRG","Yes","Y","D,
H","Y","0.0139","0.0203","0.0407","UG_L","UG_L","","","10.6","0.407","11.3","160","","71","133","","+
",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","375-95-1","PERFLUORONONANOIC ACID
(PFNA)","0.0693","","TRG","Yes","Y","H","Y","0.00139","0.00203","0.00407","UG_L","UG_L","","","0.0153","0.04
07","0.0693","133","","69","130","","+",""
"B0G0034-MS2","537_MOD","07/16/20","20:49","N","NA","DL1","1763-23-
1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION ","4.10","","TRG","Yes","Y","D,
H","Y","0.0139","0.0203","0.0407","UG_L","UG_L","","","3.12","0.407","4.10","240","","65","140","","+",

"" , ""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","756426-58-1","9-
CHLOROHEXADECAFLUORO-3-OXANONE-1-SULFONIC ACID (9CI-
PF3ONS)","0.0492","","TRG","Yes","Y","","Y","0.00139","0.00203","0.00407","UG_L","UG_L","","","","0.0407","0.
0492","121","","","","","70","130","","",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","335-76-2","PERFLUORODECANOIC ACID
(PFDA)","0.0463","","TRG","Yes","Y","","Y","0.00139","0.00203","0.00407","UG_L","UG_L","","","","0.0407","0.0
463","112","","","","71","129","",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","2355-31-
9","MeFOSAA","0.0422","","TRG","Yes","Y","","Y","0.00139","0.00203","0.00407","UG_L","UG_L","","","","0.040
7","0.0422","103","","","65","136",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","2991-50-
6","EtFOSAA","0.0410","","TRG","Yes","Y","","Y","0.00139","0.00203","0.00407","UG_L","UG_L","","","","0.0407
","0.0410","101","","","61","135",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","2058-94-8","PERFLUOROUNDECANOIC ACID
(PFUNA)","0.0443","","TRG","Yes","Y","","Y","0.00139","0.00203","0.00407","UG_L","UG_L","","","","0.0407","0.
0443","109","","","69","133",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","763051-92-9","11-CHLOROEICOSAFLUORO-
3-OXAUNDECANE-1-SULFONIC ACID (11CI-
PF3OUdS)","0.0413","","TRG","Yes","Y","","Y","0.00139","0.00203","0.00407","UG_L","UG_L","","","","0.0407","
0.0413","102","","","70","130",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","307-55-1","PERFLUORODODECANOIC ACID
(PFDOA)","0.0405","","TRG","Yes","Y","","Y","0.00139","0.00203","0.00407","UG_L","UG_L","","","","0.0407","0.
0405","99.6","","","72","134",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","72629-94-
8","PFTTrDA","0.0373","","TRG","Yes","Y","","Y","0.00139","0.00203","0.00407","UG_L","UG_L","","","","0.0407",
"0.0373","91.6","","65","144",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","376-06-
7","PFTeDA","0.0415","","TRG","Yes","Y","","Y","0.00139","0.00203","0.00407","UG_L","UG_L","","","","0.0407",
"0.0415","102","","71","132",""
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","13C3-PFBS","13C3-
PFBS","70.9","","IS","Yes","Y","","Y","","","PCT_REC","","","100","70.9","70.9","","","50","150",
"
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","13C3-HFPO-DA","13C3-HFPO-
DA","63.5","","IS","Yes","Y","","Y","","","PCT_REC","","","100","63.5","63.5","","","50","150",
"
"B0G0034-MS2","537_MOD","07/16/20","20:49","N","NA","DL1","13C2-PFHxA","13C2-
PFHxA","56.0","","IS","Yes","Y","D","Y","","","PCT_REC","","","100","56.0","56.0","","","50","150"
"
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","13C4-PFHpA","13C4-
PFHpA","66.6","","IS","Yes","Y","","Y","","","PCT_REC","","","100","66.6","66.6","","","50","150",
"
"B0G0034-MS2","537_MOD","07/16/20","20:49","N","NA","DL1","13C3-PFHxS","13C3-
PFHxS","49.0","","IS","Yes","Y","D",
H","Y","","","PCT_REC","","","100","49.0","49.0","","","50","150",
"
"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","13C5-PFNA","13C5-
PFNA","68.8","","IS","Yes","Y","","Y","","","PCT_REC","","","100","68.8","68.8","","","50","150",
"
"B0G0034-MS2","537_MOD","07/16/20","20:49","N","NA","DL1","13C2-PFOA","13C2-
PFOA","68.1","","IS","Yes","Y","D","Y","","","PCT_REC","","","100","68.1","68.1","","","50","150",
"
"B0G0034-MS2","537_MOD","07/16/20","20:49","N","NA","DL1","13C8-PFOS","13C8-
PFOS","52.0","","IS","Yes","Y","D","Y","","","PCT_REC","","","100","52.0","52.0","","","50","150",
"
"

"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","13C2-PFDA","13C2-PFDA","74.7","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","74.7","74.7","","","","50","150","","",""

"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","d3-MeFOSAA","d3-MeFOSAA","72.1","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","72.1","72.1","","","","50","150","0","",""

"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","13C2-PFUnA","13C2-PFUnA","65.9","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","65.9","65.9","","","","50","150","","",""

"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","d5-EtFOSAA","d5-EtFOSAA","68.5","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","68.5","68.5","","","","50","150","","",""

"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","13C2-PFDoA","13C2-PFDoA","72.2","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","72.2","72.2","","","","50","150","","",""

"B0G0034-MS2","537_MOD","07/15/20","03:16","N","NA","000","13C2-PFTeDA","13C2-PFTeDA","62.6","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","62.6","62.6","","","","50","150","","",""

"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","375-73-5","PFBS","0.0647","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","0.0236","0.0409","0.0647","100","0.0654","0.0409","0.0647","100","0.995","72","130","30","","",""

"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","307-24-4","PERFLUOROHEXANOIC ACID (PFHXA)","0.0900","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","0.0429","0.0409","0.0900","115","0.0889","0.0409","0.0900","115","3.54","72","129","30","","",""

"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","13252-13-6","HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-DA)","0.0381","","TRG","Yes","Y","","Y","0.00246","0.00306","0.00409","UG_L","UG_L","","","0.0409","0.0381","93.1","0.0403","0.0409","0.0381","93.1","4.51","70","130","30","",""

"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","375-85-9","PERFLUOROHEPTANOIC ACID (PFHPA)","0.0538","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","0.0132","0.0409","0.0538","99.2","0.0605","0.0409","0.0538","99.2","13.9","72","130","30","",""

"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","919005-14-4","4,8-DIOXA-3H-PERFLUORONONANOIC ACID (ADONA)","0.0383","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","0.0409","0.0383","93.7","0.0434","0.0409","0.0383","93.7","11.4","70","130","30","",""

"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","355-46-4","PERFLUOROHEXANESULFONIC ACID (PFHXS)","0.189","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","0.161","0.0409","0.189","69.5","0.198","0.0409","0.189","69.5","26.3","68","131","30","",""

"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","335-67-1","PERFLUOROOCCTANOIC ACID (PFOA)","0.206","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","0.167","0.0409","0.206","95.0","0.212","0.0409","0.206","95.0","13.7","71","133","30","",""

"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","375-95-1","PERFLUORONONANOIC ACID (PFNA)","0.0497","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","0.0409","0.0497","119","0.0467","0.0409","0.0497","119","6.96","69","130","30","",""

"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","1763-23-1","HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION","0.107","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","0.0650","0.0409","0.107","102","0.115","0.0409","0.107","102","17.0","65","140","30","",""

"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","756426-58-1","9-CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID (9CI-PF3ONS)","0.0353","","TRG","Yes","Y","","Y","0.00140","0.00204","0.00409","UG_L","UG_L","","","0.0409","0.0353","86.2","0.0427","0.0409","0.0353","86.2","17.8","70","130","30","",""

"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","335-76-2","PERFLUORODECANOIC ACID

(PFDA),"0.0484",,,,,,"TRG","Yes","Y",,,,,,"Y","0.00140","0.00204","0.00409","UG_L","UG_L",,,,,,"0.0409","0.0484","118","0.0472","0.0409","0.0484","118","3.45","71","129","30",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","2355-31-9","MeFOSAA","0.0424",,,,,,"TRG","Yes","Y",,,,,,"Y","0.00140","0.00204","0.00409","UG_L","UG_L",,,,,,"0.0409","0.0424","104","0.0442","0.0409","0.0424","104","2.84","65","136","30",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","2991-50-6","EtFOSAA","0.0411",,,,,,"TRG","Yes","Y",,,,,,"Y","0.00140","0.00204","0.00409","UG_L","UG_L",,,,,,"0.0409","0.0411","100","0.0544","0.0409","0.0411","100","26.8","61","135","30",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","2058-94-8","PERFLUOROUNDECANOIC ACID
(PFUNA),"0.0443",,,,,,"TRG","Yes","Y",,,,,,"Y","0.00140","0.00204","0.00409","UG_L","UG_L",,,,,,"0.0409","0.0443","108","0.0483","0.0409","0.0443","108","8.00","69","133","30",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","763051-92-9","11-CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID (11CI-PF3OUdS),"0.0486",,,,,,"TRG","Yes","Y",,,,,,"Y","0.00140","0.00204","0.00409","UG_L","UG_L",,,,,,"0.0409","0.0486","119","0.0403","0.0409","0.0486","119","20.0","70","130","30",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","307-55-1","PERFLUORODODECANOIC ACID
(PFDOA),"0.0432",,,,,,"TRG","Yes","Y",,,,,,"Y","0.00140","0.00204","0.00409","UG_L","UG_L",,,,,,"0.0409","0.0432","106","0.0423","0.0409","0.0432","106","3.85","72","134","30",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","72629-94-8","PFTTrDA,"0.0477",,,,,,"TRG","Yes","Y",,,,,,"Y","0.00140","0.00204","0.00409","UG_L","UG_L",,,,,,"0.0409","0.0477","117","0.0423","0.0409","0.0477","117","13.7","65","144","30",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","376-06-7","PFTeDA,"0.0389",,,,,,"TRG","Yes","Y",,,,,,"Y","0.00140","0.00204","0.00409","UG_L","UG_L",,,,,,"0.0409","0.0389","95.2","0.0424","0.0409","0.0389","95.2","6.90","71","132","30",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","13C3-PFBS","13C3-PFBS","80.9",,,,,,"IS","Yes","Y",,,,,,"Y",,,,,,"PCT_REC",,,,,,"100","80.9","80.9",,,,,,"50","150",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","13C3-HFPO-DA","13C3-HFPO-DA","62.1",,,,,,"IS","Yes","Y",,,,,,"Y",,,,,,"PCT_REC",,,,,,"100","62.1","62.1",,,,,,"50","150",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","13C2-PFHxA","13C2-PFHxA","64.9",,,,,,"IS","Yes","Y",,,,,,"Y",,,,,,"PCT_REC",,,,,,"100","64.9","64.9",,,,,,"50","150",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","13C4-PFHpA","13C4-PFHpA","70.3",,,,,,"IS","Yes","Y",,,,,,"Y",,,,,,"PCT_REC",,,,,,"100","70.3","70.3",,,,,,"50","150",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","13C3-PFHxS","13C3-PFHxS","68.6",,,,,,"IS","Yes","Y",,,,,,"Y",,,,,,"PCT_REC",,,,,,"100","68.6","68.6",,,,,,"50","150",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","13C5-PFNA","13C5-PFNA","63.9",,,,,,"IS","Yes","Y",,,,,,"Y",,,,,,"PCT_REC",,,,,,"100","63.9","63.9",,,,,,"50","150",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","13C2-PFOA","13C2-PFOA","69.6",,,,,,"IS","Yes","Y",,,,,,"Y",,,,,,"PCT_REC",,,,,,"100","69.6","69.6",,,,,,"50","150",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","13C8-PFOS","13C8-PFOS","69.0",,,,,,"IS","Yes","Y",,,,,,"Y",,,,,,"PCT_REC",,,,,,"100","69.0","69.0",,,,,,"50","150",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","13C2-PFDA","13C2-PFDA","67.1",,,,,,"IS","Yes","Y",,,,,,"Y",,,,,,"PCT_REC",,,,,,"100","67.1","67.1",,,,,,"50","150",,,,,,""
"B0G0034-MSD1","537_MOD","07/15/20","03:06","N","NA","000","d3-MeFOSAA","d3-

MeFOSAA", "68.7", "", "IS", "Yes", "Y", "", "Y", "", "", "", "PCT_REC", "", "", "", "", "100", "68.7", "68.7", "", "", "", "", "", "50", "150", "0", "", "", "", ""

"B0G0034-MSD1", "537_MOD", "07/15/20", "03:06", "N", "NA", "000", "13C2-PFUnA", "13C2-PFUnA", "63.2", "", "IS", "Yes", "Y", "", "Y", "", "", "", "PCT_REC", "", "", "", "", "100", "63.2", "63.2", "", "", "", "", "", "50", "150", "", "", "", ""

"B0G0034-MSD1", "537_MOD", "07/15/20", "03:06", "N", "NA", "000", "d5-EtFOSAA", "d5-EtFOSAA", "66.7", "", "IS", "Yes", "Y", "", "Y", "", "", "", "PCT_REC", "", "", "", "", "100", "66.7", "66.7", "", "", "", "", "", "50", "150", "", "", "", ""

"B0G0034-MSD1", "537_MOD", "07/15/20", "03:06", "N", "NA", "000", "13C2-PFDoA", "13C2-PFDoA", "63.0", "", "IS", "Yes", "Y", "", "Y", "", "", "", "PCT_REC", "", "", "", "", "100", "63.0", "63.0", "", "", "", "", "", "50", "150", "", "", "", ""

"B0G0034-MSD1", "537_MOD", "07/15/20", "03:06", "N", "NA", "000", "13C2-PFTeDA", "13C2-PFTeDA", "63.7", "", "IS", "Yes", "Y", "", "Y", "", "", "", "PCT_REC", "", "", "", "", "100", "63.7", "63.7", "", "", "", "", "", "50", "150", "", "", "", ""

"B0G0034-MSD2", "537_MOD", "07/15/20", "03:27", "N", "NA", "000", "375-73-5", "PFBS", "1.00", "", "TRG", "Yes", "Y", "H", "Y", "0.00133", "0.00194", "0.00388", "UG_L", "UG_L", "", "", "", "0.982", "0.0388", "1.00", "48.3", "1.02", "0.0388", "1.00", "48.3", "73.1", "72", "130", "30", "", "", "", ""

"B0G0034-MSD2", "537_MOD", "07/15/20", "16:24", "N", "NA", "DL1", "307-24-4", "PERFLUOROHEXANOIC ACID (PFHXA)", "4.86", "", "TRG", "Yes", "Y", "D", "H", "Y", "0.0133", "0.0194", "0.0388", "UG_L", "UG_L", "", "", "4.92", "0.388", "4.86", "-16.0", "6.73", "0.388", "4.86", "-16.0", "215", "72", "129", "30", "", "", "", ""

"B0G0034-MSD2", "537_MOD", "07/15/20", "03:27", "N", "NA", "000", "13252-13-6", "HEXAFLUOROPROPYLENE OXIDE DIMER ACID (HFPO-DA)", "0.0401", "", "TRG", "Yes", "Y", "", "Y", "0.00234", "0.00291", "0.00388", "UG_L", "UG_L", "", "", "", "0.0388", "0.0401", "103", "0.0408", "0.0388", "0.0401", "103", "2.96", "70", "130", "30", "", "", ""

"B0G0034-MSD2", "537_MOD", "07/15/20", "03:27", "N", "NA", "000", "375-85-9", "PERFLUOROHEPTANOIC ACID (PFHPA)", "0.956", "", "TRG", "Yes", "Y", "H", "Y", "0.00133", "0.00194", "0.00388", "UG_L", "UG_L", "", "", "0.853", "0.0388", "0.956", "265", "0.955", "0.0388", "0.956", "265", "5.83", "72", "130", "30", "", "", "", ""

"B0G0034-MSD2", "537_MOD", "07/15/20", "03:27", "N", "NA", "000", "919005-14-4", "4,8-DIOXA-3H-PERFLUORONONANOIC ACID (ADONA)", "0.0453", "", "TRG", "Yes", "Y", "", "Y", "0.00133", "0.00194", "0.00388", "UG_L", "UG_L", "", "", "", "0.0388", "0.0453", "117", "0.0452", "0.0388", "0.0453", "117", "5.26", "70", "130", "30", "", "", ""

"B0G0034-MSD2", "537_MOD", "07/15/20", "16:24", "N", "NA", "DL1", "355-46-4", "PERFLUOROHEXANESULFONIC ACID (PFHXS)", "7.48", "", "TRG", "Yes", "Y", "D", "H", "Y", "0.0133", "0.0194", "0.0388", "UG_L", "UG_L", "", "", "5.98", "0.388", "7.48", "387", "11.1", "0.388", "7.48", "387", "106", "68", "131", "30", "", "", "", ""

"B0G0034-MSD2", "537_MOD", "07/15/20", "16:24", "N", "NA", "DL1", "335-67-1", "PERFLUOROOCCTANOIC ACID (PFOA)", "10.8", "", "TRG", "Yes", "Y", "D", "H", "Y", "0.0133", "0.0194", "0.0388", "UG_L", "UG_L", "", "", "10.6", "0.388", "10.8", "39.3", "11.3", "0.388", "10.8", "39.3", "121", "71", "133", "30", "", "", "", ""

"B0G0034-MSD2", "537_MOD", "07/15/20", "03:27", "N", "NA", "000", "375-95-1", "PERFLUORONONANOIC ACID (PFNA)", "0.0607", "", "TRG", "Yes", "Y", "", "Y", "0.00133", "0.00194", "0.00388", "UG_L", "UG_L", "", "", "0.0153", "0.0388", "0.0607", "117", "0.0693", "0.0388", "0.0607", "117", "12.8", "69", "130", "30", "", "", ""

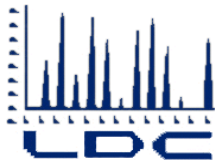
"B0G0034-MSD2", "537_MOD", "07/15/20", "16:24", "N", "NA", "DL1", "1763-23-1", "HEPTADEC AFLUOROACTANESULFONIC ACID SOLUTION", "5.59", "", "TRG", "Yes", "Y", "D", "H", "Y", "0.0133", "0.0194", "0.0388", "UG_L", "UG_L", "", "", "3.12", "0.388", "5.59", "636", "4.10", "0.388", "5.59", "636", "90.4", "65", "140", "30", "", "", "", ""

"B0G0034-MSD2", "537_MOD", "07/15/20", "03:27", "N", "NA", "000", "756426-58-1", "9-CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID (9Cl-PF3ONS)", "0.0491", "", "TRG", "Yes", "Y", "", "Y", "0.00133", "0.00194", "0.00388", "UG_L", "UG_L", "", "", "0.0388", "0.0491", "127", "0.0492", "0.0388", "0.0491", "127", "4.84", "70", "130", "30", "", "", ""

"B0G0034-MSD2", "537_MOD", "07/15/20", "03:27", "N", "NA", "000", "335-76-2", "PERFLUORODECANOIC ACID (PFDA)", "0.0432", "", "TRG", "Yes", "Y", "", "Y", "0.00133", "0.00194", "0.00388", "UG_L", "UG_L", "", "", "0.0388", "0.0432", "109", "0.0463", "0.0388", "0.0432", "109", "2.71", "71", "129", "30", "", "", ""

"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","2355-31-9","MeFOSAA","0.0418","","TRG","Yes","Y","","Y","0.00133","0.00194","0.00388","UG_L","UG_L","","","","0.0388","0.0418","107","0.0422","0.0388","0.0418","107","3.81","65","136","30","","",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","2991-50-6","EtFOSAA","0.0425","","TRG","Yes","Y","","Y","0.00133","0.00194","0.00388","UG_L","UG_L","","","","0.0388","0.0425","110","0.0410","0.0388","0.0425","110","8.53","61","135","30","","",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","2058-94-8","PERFLUOROUNDECANOIC ACID (PFUNA)","0.0426","","TRG","Yes","Y","","Y","0.00133","0.00194","0.00388","UG_L","UG_L","","","","0.0388","0.0426","110","0.0443","0.0388","0.0426","110","0.913","69","133","30","","",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","763051-92-9","11-CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID (11Cl-PF3OUdS)","0.0433","","TRG","Yes","Y","","Y","0.00133","0.00194","0.00388","UG_L","UG_L","","","","0.0388","0.0433","112","0.0413","0.0388","0.0433","112","9.35","70","130","30","","",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","307-55-1","PERFLUORODODECANOIC ACID (PFDOA)","0.0413","","TRG","Yes","Y","","Y","0.00133","0.00194","0.00388","UG_L","UG_L","","","","0.0388","0.0413","106","0.0405","0.0388","0.0413","106","6.23","72","134","30","","",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","72629-94-8","PFTTrDA","0.0393","","TRG","Yes","Y","","Y","0.00133","0.00194","0.00388","UG_L","UG_L","","","","0.0388","0.0393","101","0.0373","0.0388","0.0393","101","9.76","65","144","30","","",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","376-06-7","PFTeDA","0.0451","","TRG","Yes","Y","","Y","0.00133","0.00194","0.00388","UG_L","UG_L","","","","0.0388","0.0451","116","0.0415","0.0388","0.0451","116","12.8","71","132","30","","",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","13C3-PFBS","13C3-PFBS","73.3","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","73.3","73.3","","","","50","150",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","13C3-HFPO-DA","13C3-HFPO-DA","62.6","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","62.6","62.6","","","","50","150",""
"B0G0034-MSD2","537_MOD","07/15/20","16:24","N","NA","DL1","13C2-PFHxA","13C2-PFHxA","67.0","","IS","Yes","Y","D","Y","","","","PCT_REC","","","","100","67.0","67.0","","","","50","150",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","13C4-PFHpA","13C4-PFHpA","68.3","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","68.3","68.3","","","","50","150",""
"B0G0034-MSD2","537_MOD","07/15/20","16:24","N","NA","DL1","13C3-PFHxS","13C3-PFHxS","56.0","","IS","Yes","Y","D","Y","","","","PCT_REC","","","","100","56.0","56.0","","","","50","150",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","13C5-PFNA","13C5-PFNA","66.0","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","66.0","66.0","","","","50","150",""
"B0G0034-MSD2","537_MOD","07/15/20","16:24","N","NA","DL1","13C2-PFOA","13C2-PFOA","76.6","","IS","Yes","Y","D","Y","","","","PCT_REC","","","","100","76.6","76.6","","","","50","150",""
"B0G0034-MSD2","537_MOD","07/15/20","16:24","N","NA","DL1","13C8-PFOS","13C8-PFOS","50.0","","IS","Yes","Y","D","Y","","","","PCT_REC","","","","100","50.0","50.0","","","","50","150",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","13C2-PFDA","13C2-PFDA","76.3","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","76.3","76.3","","","","50","150",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","d3-MeFOSAA","d3-MeFOSAA","69.3","","IS","Yes","Y","","Y","","","","PCT_REC","","","","100","69.3","69.3","","","","50","150",""

"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","13C2-PFUnA","13C2-PFUnA","65.7","","IS","Yes","Y","","Y","","","PCT_REC","","","100","65.7","65.7","","","50","150","
","",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","d5-EtFOSAA","d5-EtFOSAA","67.4","","IS","Yes","Y","","Y","","","PCT_REC","","","100","67.4","67.4","","","50","150"
","",""
"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","13C2-PFDoA","13C2-PFDoA","68.2","","IS","Yes","Y","","Y","","","PCT_REC","","","100","68.2","68.2","","","50","150","
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"B0G0034-MSD2","537_MOD","07/15/20","03:27","N","NA","000","13C2-PFTeDA","13C2-PFTeDA","58.3","","IS","Yes","Y","","Y","","","PCT_REC","","","100","58.3","58.3","","","50","150"
","",""



LABORATORY DATA CONSULTANTS, INC.

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Wood Environment & Infrastructure Solutions, Inc.
7376 SW Durham Road
Portland, OR 97224
Attn: Ms. Kimberly Shiroodi
Kimberly.Shiroodi@woodplc.com

September 3, 2020

SUBJECT: Revised MCAS El Toro & Tustin PFAs, Data Validation

Dear Ms. Shiroodi,

Enclosed are the revised validation reports for the fraction listed below. These SDGs were received on August 4th and 19th, 2020. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project #48792 RV2:

SDG

2001357, 2001409, 2001417
2001436, 2001444, 2001472

Fraction

Perfluoroalkyl & Polyfluoroalkyl Substances

The data validation was performed under Stage 4 guidelines. The analyses were validated using the following documents, as applicable to each method:

- Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances in Groundwater in Carve-Outs 2,5,6 and 9 and Groundwater and Surface Water Near Operable Unit 3, Former Marine Corps Air Station Tustin, Tustin, California with Addendum #02 to Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances Sampling for Groundwater Remedial Action at Operable Unit 3, Installation Restoration Program Site 1; February 2020
- U.S. Department of Defense Quality Systems Manual for Environmental Laboratories, Version 5.3, 2019
- DoD General Validation Guidelines, February 2018

Please feel free to contact us if you have any questions.

Sincerely,

Pei Geng
Pgeng@lab-data.com
Project Manager/Senior Chemist

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: MCAS El Toro and Tustin PFAS
LDC Report Date: August 25, 2020
Parameters: Perfluoroalkyl & Polyfluoroalkyl Substances
Validation Level: Stage 4
Laboratory: Vista Analytical Laboratory
Sample Delivery Group (SDG): 2001357

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
I006MW06S-20200624	2001357-03	Water	06/24/20
DUP01-20200624	2001357-04	Water	06/24/20

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances in Groundwater in Carve-Outs 2, 5, 6, and 9 and Groundwater and Surface Water Near Operable Unit 3, Former Marine Corps Air Station Tustin, Tustin, California, with Addendum #02 to Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances Sampling for Groundwater Remedial Action at Operable Unit 3, Installation Restoration Program Site 1 (February 2020), the U.S. Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 5.3 (2019), and the DoD General Validation Guidelines (February 2018). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) by Environmental Protection Agency (EPA) Method 537 Modified and LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

All sample results were subjected to Stage 4 data validation, which is comprised of the quality control (QC) summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. LC/MS Instrument Performance Check

Instrument performance was checked and the requirements were met.

III. Initial Calibration and Initial Calibration Verification

Initial calibration was performed as required by the methods.

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

For each calibration standard, all compounds were within 70-130% of their true value.

The signal to noise (S/N) ratio was within validation criteria for all compounds.

Retention time windows were established as required by the methods.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all compounds.

IV. Continuing Calibration and Instrument Sensitivity Check

Continuing calibration was performed at required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all compounds.

The signal to noise (S/N) ratio was within validation criteria for all compounds.

The percent differences (%D) of the instrument sensitivity check (ISC) were less than or equal to 30.0% for all compounds.

Retention times of all compounds in the calibration standards were within the established retention time windows.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample EB01-20200624 was identified as an equipment blank. No contaminants were found.

Sample SB01-20200624 was identified as a source blank. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the methods. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

IX. Field Duplicates

Samples I006MW06S-20200624 and DUP01-20200624 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Compound	Concentration (ug/L)		RPD (Limits)	Difference (Limits)	Flag	A or P
	222MW09D-20200701	DUP02-20200701				
PFBS	0.0819	0.0824	1 (≤30)	-	-	-
PFHxA	0.6050	0.5880	3 (≤30)	-	-	-
PFHpA	0.3370	0.339	1 (≤30)	-	-	-
PFHxS	0.5150	0.5350	4 (≤30)	-	-	-
PFOA	0.2680	0.3150	16 (≤30)	-	-	-
PFNA	0.0044	0.0049	-	0.00049 (≤0.00394)	-	-
PFOS	0.0906	0.1060	16 (≤30)	-	-	-

X. Labeled Compounds

All percent recoveries (%R) for labeled compounds used to quantitate target compounds were within QC limits.

XI. Compound Quantitation

All compound quantitations met validation criteria.

XII. Target Compound Identifications

All target compound identifications met validation criteria.

XIII. System Performance

The system performance was acceptable.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the methods. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable.

**MCAS El Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Data Qualification Summary - SDG
2001357**

No Sample Data Qualified in this SDG

**MCAS El Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Laboratory Blank Data Qualification
Summary - SDG 2001357**

No Sample Data Qualified in this SDG

**MCAS El Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Field Blank Data Qualification
Summary - SDG 2001357**

No Sample Data Qualified in this SDG

LDC #: 48792A96
 SDG #: 2001357
 Laboratory: Vista Analytical Laboratory

VALIDATION COMPLETENESS WORKSHEET

Stage 4

Date: 8/14/20
 Page: 1 of 1
 Reviewer: [Signature]
 2nd Reviewer: [Signature]

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 537M/QSM 5.3 Table B-15)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	LC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	$TV/ Q \leq 30$
IV.	Continuing calibration/ISC	A/A	$b \leq 30$
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	SB01-20200624 EB01-20200624
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	A	LCSA
IX.	Field duplicates	SW	D = 1+2
X.	Labeled Compounds	A	
VI.	Compound quantitation RL/LOQ/LODs	A	
XII.	Target compound identification	A	
XIII.	System performance	A	
XIV.	Overall assessment of data	A	

Note: A = Acceptable ND = No compounds detected D = Duplicate SB=Source blank
 N = Not provided/applicable R = Rinsate TB = Trip blank OTHER:
 SW = See worksheet FB = Field blank EB = Equipment blank

	Client ID	Lab ID	Matrix	Date
1	I006MW06S-20200624	2001357-03	Water	06/24/20
2	DUP01-20200624	2001357-04	Water	06/24/20
3				
4				
5				
6				
7				
8				
9				
10				

Notes:

BDF0257				

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	/			
Were cooler temperature criteria met?	/			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	/			
III. Initial calibration and Initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	/			
Were all percent relative standard deviations (%RSD) $\leq 20\%$?			/	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of ≥ 0.990 ?	/			
Were all analytes within 70-130% or percent differences (%D) $\leq 30\%$ of their true value for each calibration standard?	/			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were the retention time windows properly established?	/			
Was an initial calibration verification (ICV) standard analyzed after each initial calibration for each instrument?	/			
Were all ICV percent differences (%D) of the initial calibration verification $\leq 30\%$?	/			
IV. Continuing calibration and Instrument sensitivity check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	/			
Were all percent differences (%D) of the continuing calibration $\leq 30\%$?	/			
Were all the retention times within the acceptance windows?	/			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were all percent differences (%D) of the Instrument Sensitivity Check $\leq 30\%$?	/			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	/			
Was a laboratory blank analyzed for each matrix and concentration?	/			
Was there contamination in the laboratory blanks?		/		
VI. Field blanks				
Were field blanks identified in this SDG?	/			
Were target compounds detected in the field blanks?		/		

Validation Area	Yes	No	NA	Findings/Comments
VII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		/		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			/	
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	/			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	/			
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?	/			
Were target compounds detected in the field duplicates?	/			
X. Labeled compounds				
Were labeled compound percent recoveries (%R) within the QC limits?	/			
Were retention times within 0.4 minutes of the associated calibration standard?	/			
XI. Compound quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?	/			
Did reported results include both branched and linear isomers?	/			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	/			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	/			
Were compound quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	/			
XII. Target compound identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	/			
Were ion ratios between 50-150%?	/			
XIII. System performance				
System performance was found to be acceptable.	/			
XIV. Overall assessment of Data				
Overall assessment of data was found to be acceptable.	/			

TARGET COMPOUND WORKSHEET

METHOD: PFAS

A. PFBS		
B. PFHxA		
C. PFHpA		
D. PFHxS		
E. PFOA		
F. PFNA		
G. PFOS		
H. PFDA		
I. MeFOSAA		
J. EtFOSAA		
K. PFUnA		
L. PFDoA		
M. PFTrDA		
N. PFTeDA		
O. HFPO-DA		
P. ADONA		
Q. 9CI-PF3 0 NS		
R. 11CI-PF3 0 UdS		

LDC #: 48792A 96

VALIDATION FINDINGS WORKSHEET

Field Duplicates

Page: 1 of 1

Reviewer: SG

2nd Reviewer: [Signature]

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Compound	Concentration (ug/L)		RPD≤30	Difference (<5XLOQ)	Difference (<LOQ)	Qualification
	1	2				
A	0.0819	0.0824	1			
B	0.6050	0.5880	3			
C	0.3370	0.339	1			
D	0.5150	0.5350	4			
E	0.2680	0.3150	16			
F	0.0044	0.0049		0.00049	0.00394	
G	0.0906	0.1060	16			

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/6/2020	SCN977	PFOA	1	0.0283	0.02	0.00040
			2	0.0513	0.04	0.0016
			3	0.0937	0.08	0.0064
			4	0.1952	0.16	0.0256
			5	0.4739	0.40	0.1600
			6	0.8828	0.80	0.6400
			7	4.5622	4.00	16.0000
			8	9.3191	8.00	64.0000
			9	20.7411	20.00	400.0000
			10	41.4806	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.09230	c	0.0543225
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.09128	-0.0014190	1.13013	-0.000202972
Std Err of Coef.				
Correlation Coefficient		0.999825		
Coefficient of Determination (r ²)		0.999651		0.999173

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/6/2020	SCN977	PFOS	1	0.0184	0.02	0.00040
			2	0.0397	0.04	0.0016
			3	0.0806	0.08	0.0064
			4	0.1980	0.16	0.0256
			5	0.4633	0.40	0.1600
			6	1.0057	0.80	0.6400
			7	4.8637	4.00	16.0000
			8	10.3716	8.00	64.0000
			9	24.6679	20.00	400.0000
			10	47.3616	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	-0.03049	c	-0.0944633
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.28839	-0.0026132	1.27905	-0.0001870130
Std Err of Coef.				
Correlation Coefficient		0.999980		
Coefficient of Determination (r ²)		0.999959		0.999703

LDC #: 48792A96

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Page: 1 of 1
 Reviewer: SC
 2nd Reviewer: [Signature]

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

$\% \text{ Difference} = 100 * (\text{aveRRF} - \text{RRF}) / \text{aveRRF}$
 $\text{RRF} = (\text{Ax})(\text{Cis}) / (\text{Ais})(\text{Cx})$

Where:

aveRRF = initial calib average RRF
 RRF = continuing calib RRF
 Ax = Area of compound

Cx = Concentration of compound,
 Ais = Area of associated internal standard
 Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Conc	Reported Conc	Recalculated Conc	Reported %R	Recalculated %R
1	200706P1_48	6/30/2020	PFOA (13C2-PFOA)	10.0	9.81	9.81	98.1	98.1
			PFOS (13C8-PFOS)	10.0	9.91	9.89	99.1	98.9
2			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
3			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
4			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
5			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
6			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: MCAS El Toro and Tustin PFAS

LDC Report Date: August 25, 2020

Parameters: Perfluoroalkyl & Polyfluoroalkyl Substances

Validation Level: Stage 4

Laboratory: Vista Analytical Laboratory

Sample Delivery Group (SDG): 2001409

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
IS72MW16DR-20200701	2001409-02	Water	07/01/20
IS72MW15D-20200701	2001409-03	Water	07/01/20
222MW09D-20200701	2001409-04	Water	07/01/20
DUP02-20200701	2001409-05	Water	07/01/20
IS72MW17D-20200701	2001409-06	Water	07/01/20
DUP03-20200701	2001409-07	Water	07/01/20
I003MW01D-20200701	2001409-08	Water	07/01/20
I003MW02D-20200701	2001409-09	Water	07/01/20
DUP04-20200701	2001409-10	Water	07/01/20
I003MW05D-20200701	2001409-11	Water	07/01/20
TW07D-20200702	2001409-13	Water	07/02/20
TW05D-20200702	2001409-14	Water	07/02/20
IS72MW16DR-20200701MS	2001409-02MS	Water	07/01/20
IS72MW16DR-20200701MSD	2001409-02MSD	Water	07/01/20
I003MW01D-20200701MS	2001409-08MS	Water	07/01/20
I003MW01D-20200701MSD	2001409-08MSD	Water	07/01/20

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances in Groundwater in Carve-Outs 2, 5, 6, and 9 and Groundwater and Surface Water Near Operable Unit 3, Former Marine Corps Air Station Tustin, Tustin, California, with Addendum #02 to Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances Sampling for Groundwater Remedial Action at Operable Unit 3, Installation Restoration Program Site 1 (February 2020), the U.S. Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 5.3 (2019), and the DoD General Validation Guidelines (February 2018). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) by Environmental Protection Agency (EPA) Method 537 Modified and LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

All sample results were subjected to Stage 4 data validation, which is comprised of the quality control (QC) summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. LC/MS Instrument Performance Check

Instrument performance was checked and the requirements were met.

III. Initial Calibration and Initial Calibration Verification

Initial calibration was performed as required by the methods.

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

For each calibration standard, all compounds were within 70-130% of their true value.

The signal to noise (S/N) ratio was within validation criteria for all compounds.

Retention time windows were established as required by the methods.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all compounds.

IV. Continuing Calibration and Instrument Sensitivity Check

Continuing calibration was performed at required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all compounds.

The signal to noise (S/N) ratio was within validation criteria for all compounds.

The percent differences (%D) of the instrument sensitivity check (ISC) were less than or equal to 30.0% for all compounds.

Retention times of all compounds in the calibration standards were within the established retention time windows.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Samples EB02-20200701 and EB03-20200702 were identified as equipment blanks. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
I003MW01D-20200701MS/MSD (I003MW01D-20200701)	PFNA	133 (69-130)	-	J (all detects)	A

For I003MW01D-20200701MS/MSD, no data were qualified for PFBS and PFHpA percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

PFHxA, PFHxS, PFOA, and PFOS percent recoveries (%R) and PFHxA, PFHxS, and PFOS relative percent differences (RPD) were not within the QC limits for I003MW01D-20200701MS/MSD. No data were qualified for MS/MSD samples analyzed greater than or equal to a 5X dilution.

Relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the methods. Percent recoveries (%R) were within QC limits.

IX. Field Duplicates

Samples 222MW09D-20200701 and DUP02-20200701, samples IS72MW17D-20200701 and DUP03-20200701, and samples I003MW02D-20200701 and DUP04-20200701 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Compound	Concentration (ug/L)		RPD (Limits)	Difference (Limits)	Flag	A or P
	222MW09D-20200701	DUP02-20200701				
PFBS	0.0105	0.0105	-	0 (≤0.00405)	-	-
PFHxA	0.0207	0.0226	9 (≤30)	-	-	-

Compound	Concentration (ug/L)		RPD (Limits)	Difference (Limits)	Flag	A or P
	222MW09D-20200701	DUP02-20200701				
PFHpA	0.00555	0.00521	-	0.0003 (≤0.00405)	-	-
PFHxS	0.0702	0.0610	14 (≤30)	-	-	-
PFOA	0.0839	0.0822	2 (≤30)	-	-	-
PFOS	0.0150	0.0154	-	0.0004 (≤0.00405)	-	-

Compound	Concentration (ug/L)		RPD (Limits)	Difference (Limits)	Flag	A or P
	IS72MW17D-20200701	DUP03-20200701				
PFBS	0.0262	0.0285	8 (≤30)	-	-	-
PFHxA	0.185	0.189	2 (≤30)	-	-	-
PFHpA	0.0980	0.0945	4 (≤30)	-	-	-
PFHxS	0.0788	0.0737	7 (≤30)	-	-	-
PFOA	0.781	0.755	3 (≤30)	-	-	-
PFNA	0.00477	0.00546	-	0.00069 (≤0.00409)	-	-
PFOS	0.0432	0.0418	3 (≤30)	-	-	-

Compound	Concentration (ug/L)		RPD (Limits)	Difference (Limits)	Flag	A or P
	I003MW02D-20200701	DUP04-20200701				
PFBS	0.364	0.397	9 (≤30)	-	-	-
PFHxA	2.59	2.57	1 (≤30)	-	-	-
PFHpA	0.537	0.529	2 (≤30)	-	-	-
PFHxS	2.49	2.59	4 (≤30)	-	-	-
PFOA	11.1	11.0	1 (≤30)	-	-	-
PFNA	0.00392	0.00425	-	0.00033 (≤0.00400)	-	-
PFOS	0.879	0.972	10 (≤30)	-	-	-

X. Labeled Compounds

All percent recoveries (%R) for labeled compounds used to quantitate target compounds were within QC limits with the following exceptions:

Sample	Labeled Compound	%R (Limits)	Affected Compound	Flag	A or P
TW07D-20200702	13C2-PFDoA 13C2-PFTeDA	46.2 (50-150) 12.6 (50-150)	PFDoA PFTrDA 11Cl-PF30UdS PFTeDA	NA	-
TW05D-20200702	13C2-PFTeDA	28.0 (50-150)	PFTeDA	NA	-

XI. Compound Quantitation

All compound quantitations met validation criteria.

XII. Target Compound Identifications

All target compound identifications met validation criteria with the following exceptions:

Sample	Compound	Ion Abundance Ratio (Limits)	Flag	A or P
222MW09D-20200701	PFOS	3.506 (1.003-3.008)	J (all detects)	P
DUP02-20200701	PFOS	3.255 (1.003-3.008)	J (all detects)	P

XIII. System Performance

The system performance was acceptable.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the methods. No results were rejected in this SDG.

Due to MS/MSD %R and ion abundance ratio, data were qualified as estimated in three samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

**MCAS EI Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Data Qualification Summary - SDG
2001409**

Sample	Compound	Flag	A or P	Reason
I003MW01D-20200701	PFNA	J (all detects)	A	Matrix spike/Matrix spike duplicate (%R)
222MW09D-20200701 DUP02-20200701	PFOS	J (all detects)	P	Target compound identification (ion abundance ratio)

**MCAS EI Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Laboratory Blank Data Qualification
Summary - SDG 2001409**

No Sample Data Qualified in this SDG

**MCAS EI Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Field Blank Data Qualification
Summary - SDG 2001409**

No Sample Data Qualified in this SDG

LDC #: 48792B96

VALIDATION COMPLETENESS WORKSHEET

Date: 8/14/20

SDG #: 2001409

Stage 4

Page: 1 of 2

Laboratory: Vista Analytical Laboratory

Reviewer: 2nd Reviewer: **METHOD:** LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 537M/QSM 5.3 Table B-15)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	LC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	$\Delta > TV/ICV \leq 30$
IV.	Continuing calibration/ISC	A/A	$\Delta \leq 30$
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	EB02-20200701, EB03-20200702
VII.	Matrix spike/Matrix spike duplicates	SW	
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	SW	$D = 3+4, 5+6, 8+9$
X.	Labeled Compounds	SW	
VI.	Compound quantitation RL/LOQ/LODs	A	
XII.	Target compound identification	SW	
XIII.	System performance	A	
XIV.	Overall assessment of data	A	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinstate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

SB=Source blank
OTHER:

	Client ID	Lab ID	Matrix	Date
1	IS72MW16DR-20200701	2001409-02	Water	07/01/20
2	IS72MW15D-20200701	2001409-03	Water	07/01/20
3	222MW09D-20200701	2001409-04	Water	07/01/20
4	DUP02-20200701	2001409-05	Water	07/01/20
5	IS72MW17D-20200701	2001409-06	Water	07/01/20
6	DUP03-20200701	2001409-07	Water	07/01/20
7	I003MW01D-20200701	2001409-08	Water	07/01/20
8	I003MW02D-20200701	2001409-09	Water	07/01/20
9	DUP04-20200701	2001409-10	Water	07/01/20
10	I003MW05D-20200701	2001409-11	Water	07/01/20
11	TW07D-20200702	2001409-13	Water	07/02/20
12	TW05D-20200702	2001409-14	Water	07/02/20
13	IS72MW16DR-20200701MS	2001409-02MS	Water	07/01/20
14	IS72MW16DR-20200701MSD	2001409-02MSD	Water	07/01/20
15	I003MW01D-20200701MS	2001409-08MS	Water	07/01/20

LDC #: 48792B96

VALIDATION COMPLETENESS WORKSHEET


Date: 8/14/20

SDG #: 2001409

Stage 4

Page: 2 of 2

Laboratory: Vista Analytical Laboratory

Reviewer: 

2nd Reviewer: 

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 537M/QSM 5.3 Table B-15)

16	I003MW01D-20200701MSD	2001409-08MSD	Water	07/01/20
17				
18				
19				

Notes:

	BogD1034					

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	/			
Were cooler temperature criteria met?	/			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	/			
III. Initial calibration and Initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	/			
Were all percent relative standard deviations (%RSD) \leq 20%?			/	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of \geq 0.990?	/			
Were all analytes within 70-130% or percent differences (%D) \leq 30% of their true value for each calibration standard?	/			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were the retention time windows properly established?	/			
Was an initial calibration verification (ICV) standard analyzed after each initial calibration for each instrument?	/			
Were all ICV percent differences (%D) of the initial calibration verification \leq 30%?	/			
IV. Continuing calibration and Instrument sensitivity check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	/			
Were all percent differences (%D) of the continuing calibration \leq 30%?	/			
Were all the retention times within the acceptance windows?	/			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were all percent differences (%D) of the Instrument Sensitivity Check \leq 30%?	/			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	/			
Was a laboratory blank analyzed for each matrix and concentration?	/			
Was there contamination in the laboratory blanks?		/		
VI. Field blanks				
Were field blanks identified in this SDG?	/			
Were target compounds detected in the field blanks?		/		

Validation Area	Yes	No	NA	Findings/Comments
VII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	/			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		/		
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	/			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	/			
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?	/			
Were target compounds detected in the field duplicates?	/			
X. Labeled compounds				
Were labeled compound percent recoveries (%R) within the QC limits?		/		
Were retention times within 0.4 minutes of the associated calibration standard?	/			
XI. Compound quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?	/			
Did reported results include both branched and linear isomers?	/			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	/			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	/			
Were compound quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	/			
XII. Target compound identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	/			
Were ion ratios between 50-150%?		/		
XIII. System performance				
System performance was found to be acceptable.	/			
XIV. Overall assessment of Data				
Overall assessment of data was found to be acceptable.	/			

TARGET COMPOUND WORKSHEET

METHOD: PFAS

A. PFBS		
B. PFHxA		
C. PFHpA		
D. PFHxS		
E. PFOA		
F. PFNA		
G. PFOS		
H. PFDA		
I. MeFOSAA		
J. EtFOSAA		
K. PFUnA		
L. PFDoA		
M. PFTrDA		
N. PFTeDA		
O. HFPO-DA		
P. ADONA		
Q. 9Cl-PF30NS		
R. 11Cl-PF30UdS		

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results

METHOD: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DOD QSM 5.1

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

- Y N N/A Were a matrix spike (MS) and matrix spike duplicate (MSD) or duplicate sample analyzed for each matrix in this SDG?
- Y N N/A Was a MS/MSD analyzed every 20 samples of each matrix?
- Y N N/A Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?

#	Date	MS/MSD ID	Compound	MS %R (Limits)	MSD %R (Limits)	RPD (Limits)	Associated Samples	Qualifications
		15/16	A		48.3 (72-130)		7 (dets)	No qual. > 4x
			C	250 (72-130)	265 ↓			↓
			F	133 (69-130)				1 det/A
		15/16 (10x)	B, D, E, G	%Rs out			7 (dets)	No qual. > 4x
			B			32 (≤ 30)		
			D			39 ↓		
			G			31 ↓		

Reported RPDs based on %Rs. RPDs evaluated using calc.

VALIDATION FINDINGS WORKSHEET
Field Duplicates

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.1

Compound	Concentration (ug/L)		RPD \leq 30	Difference (<5XLOQ)	Difference (<LOQ)	Qualification
	1	2				
A	0.0105	0.0105		0	0.00405	
B	0.0207	0.0226	9			
C	0.00555	0.00521		0.0003	0.00405	
D	0.0702	0.0610	14			
E	0.0839	0.0822	2			
G	0.0150	0.0154		0.0004	0.00405	

Compound	Concentration (ug/L)		RPD \leq 30	Difference (<5XLOQ)	Difference (<LOQ)	Qualification
	5	6				
A	0.0262	0.0285	8			
B	0.185	0.189	2			
C	0.0980	0.0945	4			
D	0.0788	0.0737	7			
E	0.781	0.755	3			
F	0.00477	0.00546		0.00069	0.00409	
G	0.0432	0.0418	3			

Compound	Concentration (ug/L)		RPD \leq 30	Difference (<5XLOQ)	Difference (<LOQ)	Qualification
	8	9				
A	0.364	0.397	9			
B	2.59	2.57	1			
C	0.537	0.529	2			
D	2.49	2.59	4			
E	11.1	11.0	1			
F	0.00392	0.00425		0.00033	0.00400	
G	0.879	0.972	10			

LDC # 48792896

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 2
 Reviewer: SC
 2nd Reviewer: A

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/14/2020	SCN945/960	PFOA	1	0.0391	0.02	0.00040
			2	0.0607	0.04	0.0016
			3	0.1111	0.08	0.0064
			4	0.2362	0.16	0.0256
			5	0.6220	0.40	0.1600
			6	1.1520	0.80	0.6400
			7	6.2166	4.00	16.0000
			8	11.3946	8.00	64.0000
			9	26.3657	20.00	400.0000
			10	53.5565	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.15850	c	0.1102520
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.36351	-0.0006947	1.42944	-0.000207503
Std Err of Coef.				
Correlation Coefficient		0.999826		
Coefficient of Determination (r ²)		0.999652		0.99882

LDC #: 18792B96

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 2 of 2
 Reviewer: SG
 2nd Reviewer: [Signature]

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/14/2020	SCN945/960	PFOS	1	0.0227	0.02	0.00040
			2	0.0317	0.04	0.0016
			3	0.0814	0.08	0.0064
			4	0.1498	0.16	0.0256
			5	0.4309	0.40	0.1600
			6	0.7906	0.80	0.6400
			7	4.2751	4.00	16.0000
			8	8.1452	8.00	64.0000
			9	19.0425	20.00	400.0000
			10	38.9489	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.08248	c	-0.0037090
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	0.970908	0.0000222	1.008000	-0.0000832828
Std Err of Coef.				
Correlation Coefficient		0.999885		
Coefficient of Determination (r ²)		0.999771		0.998246

LDC # ⁹⁷~~4882~~ B96

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 2
 Reviewer: SC
 2nd Reviewer: CA

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
7/15/2020	SCN945/960	PFOA	1	0.0339	0.02	0.00040
			2	0.0701	0.04	0.0016
			3	0.1254	0.08	0.0064
			4	0.2383	0.16	0.0256
			5	0.6010	0.40	0.1600
			6	1.2023	0.80	0.6400
			7	6.0452	4.00	16.0000
			8	11.7530	8.00	64.0000
			9	27.7324	20.00	400.0000
			10	51.9259	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.03546	c	0.0669438
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.49055	-0.0048287	1.50337	-0.000416136
Std Err of Coef.				
Correlation Coefficient		0.999991		
Coefficient of Determination (r^2)		0.999981		0.999939

LDC #: 48972596

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 2 of 2
 Reviewer: SC
 2nd Reviewer: Q

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/15/2020	SCN945/960	PFOS	1	0.0161	0.02	0.00040
			2	0.0303	0.04	0.0016
			3	0.0746	0.08	0.0064
			4	0.1589	0.16	0.0256
			5	0.4236	0.40	0.1600
			6	0.8187	0.80	0.6400
			7	4.1694	4.00	16.0000
			8	7.9315	8.00	64.0000
			9	20.4718	20.00	400.0000
			10	38.8811	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	-0.03613	c	-0.0860112
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.051162	-0.0019514	1.03891	-0.0001274520
Std Err of Coef.				
Correlation Coefficient		0.999955		
Coefficient of Determination (r ²)		0.999911		0.999761

LDC #: 48792B96

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 2
 Reviewer: SC
 2nd Reviewer: [Signature]

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
7/16/2020	SCN945/960	PFOA	1	0.0305	0.02	0.00040
			2	0.0521	0.04	0.0016
			3	0.1192	0.08	0.0064
			4	0.2380	0.16	0.0256
			5	0.5742	0.40	0.1600
			6	1.1541	0.80	0.6400
			7	5.8217	4.00	16.0000
			8	11.3244	8.00	64.0000
			9	26.9039	20.00	400.0000
			10	49.4671	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.00837	c	-0.0054419
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.45774	-0.0055315	1.46173	-0.000451650
Std Err of Coef.				
Correlation Coefficient		0.999999		
Coefficient of Determination (r^2)		0.999998		0.999976

LDC #: 48792B96

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 2 of 2
 Reviewer: SC
 2nd Reviewer: [Signature]

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/16/2020	SCN945/960	PFOS	1	0.0152	0.02	0.00040
			2	0.0407	0.04	0.0016
			3	0.0966	0.08	0.0064
			4	0.1510	0.16	0.0256
			5	0.4276	0.40	0.1600
			6	0.7511	0.80	0.6400
			7	4.2366	4.00	16.0000
			8	7.8487	8.00	64.0000
			9	18.9035	20.00	400.0000
			10	38.4993	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.06995	c	0.0058948
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	0.95629	0.0001198	0.98734	-0.0000616685
Std Err of Coef.				
Correlation Coefficient		0.999926		
Coefficient of Determination (r ²)		0.999853		0.999295

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

$$\% \text{ Difference} = 100 * (\text{aveRRF} - \text{RRF}) / \text{aveRRF}$$

$$\text{RRF} = (\text{Ax})(\text{Cis}) / (\text{Ais})(\text{Cx})$$

Where:

aveRRF = initial calib average RRF

RRF = continuing calib RRF

Ax = Area of compound

Cx = Concentration of compound,

Ais = Area of associated internal standard

Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Conc	Reported Conc	Recalculated Conc	Reported %R	Recalculated %R
1	200714M1_63	7/15/2020	PFOA (13C2-PFOA)	1.00	0.997	0.997	99.4	99.7
			PFOS (13C8-PFOS)	1.00	1.160	1.159	115.9	115.9
2	200714M1_83	7/15/2020	PFOA (13C2-PFOA)	10.00	9.23	9.23	92.3	92.3
			PFOS (13C8-PFOS)	10.00	11.6	11.6	116.3	116.2
3	200716M1_27	7/16/2020	PFOA (13C2-PFOA)	10.00	10.50	10.49	104.9	104.9
			PFOS (13C8-PFOS)	10.00	10.20	10.20	102.1	102.0
4			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
5			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
6			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: MCAS El Toro and Tustin PFAS
LDC Report Date: August 25, 2020
Parameters: Perfluoroalkyl & Polyfluoroalkyl Substances
Validation Level: Stage 4
Laboratory: Vista Analytical Laboratory
Sample Delivery Group (SDG): 2001417

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TW06D-20200706	2001417-02	Water	07/06/20
TW25D-20200706	2001417-03	Water	07/06/20
TW26D-20200706	2001417-04	Water	07/06/20
TW08D-20200706	2001417-05	Water	07/06/20

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances in Groundwater in Carve-Outs 2, 5, 6, and 9 and Groundwater and Surface Water Near Operable Unit 3, Former Marine Corps Air Station Tustin, Tustin, California, with Addendum #02 to Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances Sampling for Groundwater Remedial Action at Operable Unit 3, Installation Restoration Program Site 1 (February 2020), the U.S. Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 5.3 (2019), and the DoD General Validation Guidelines (February 2018). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) by Environmental Protection Agency (EPA) Method 537 Modified and LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

All sample results were subjected to Stage 4 data validation, which is comprised of the quality control (QC) summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. LC/MS Instrument Performance Check

Instrument performance was checked and the requirements were met.

III. Initial Calibration and Initial Calibration Verification

Initial calibration was performed as required by the methods.

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

For each calibration standard, all compounds were within 70-130% of their true value.

The signal to noise (S/N) ratio was within validation criteria for all compounds.

Retention time windows were established as required by the methods.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all compounds.

IV. Continuing Calibration and Instrument Sensitivity Check

Continuing calibration was performed at required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all compounds.

The signal to noise (S/N) ratio was within validation criteria for all compounds.

The percent differences (%D) of the instrument sensitivity check (ISC) were less than or equal to 30.0% for all compounds.

Retention times of all compounds in the calibration standards were within the established retention time windows.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample EB04-20200706 was identified as an equipment blank. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the methods. Percent recoveries (%R) were within QC limits.

Relative percent differences (RPD) were within QC limits with the following exceptions:

LCS ID (Associated Samples)	Compound	RPD (Limits)	Flag	A or P
BOG0039-BS1/BSD1 (All samples in SDG 2001417)	PFTeDA	35.7 (≤30)	NA	-

IX. Field Duplicates

No field duplicates were identified in this SDG.

X. Labeled Compounds

All percent recoveries (%R) for labeled compounds used to quantitate target compounds were within QC limits with the following exceptions:

Sample	Labeled Compound	%R (Limits)	Affected Compound	Flag	A or P
TW06D-20200706	13C2-PFTeDA	27.0 (50-150)	PFTeDA	NA	-
TW25D-20200706	d5-EtFOSAA 13C2-PFD _o A 13C2-PFTeDA	46.4 (50-150) 42.7 (50-150) 17.3 (50-150)	EtFOSAA PFD _o A PFTrDA 11Cl-PF30UdS PFTeDA	NA	-
TW26D-20200706	13C2-PFTeDA	24.3 (50-150)	PFTeDA	NA	-

XI. Compound Quantitation

All compound quantitations met validation criteria.

XII. Target Compound Identifications

All target compound identifications met validation criteria.

XIII. System Performance

The system performance was acceptable.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the methods. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable.

**MCAS El Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Data Qualification Summary - SDG
2001417**

No Sample Data Qualified in this SDG

**MCAS El Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Laboratory Blank Data Qualification
Summary - SDG 2001417**

No Sample Data Qualified in this SDG

**MCAS El Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Field Blank Data Qualification
Summary - SDG 2001417**

No Sample Data Qualified in this SDG

LDC #: 48792C696
 SDG #: 2001417
 Laboratory: Vista Analytical Laboratory

VALIDATION COMPLETENESS WORKSHEET

Stage 4

Date: 8/14/20
 Page: 1 of 1
 Reviewer: [Signature]
 2nd Reviewer: [Signature]

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 537M/QSM 5.3 Table B-15)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A, A	
II.	LC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A, A	12 TV/101 ≤ 30
IV.	Continuing calibration/ISC	A/A	D ≤ 30
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	EB04-20200706
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	SW	LOS/D
IX.	Field duplicates	N	
X.	Labeled Compounds	SW	
VI.	Compound quantitation RL/LOQ/LODs	A	
XII.	Target compound identification	A	
XIII.	System performance	A	
XIV.	Overall assessment of data	A	

Note: A = Acceptable ND = No compounds detected D = Duplicate SB=Source blank
 N = Not provided/applicable R = Rinsate TB = Trip blank OTHER:
 SW = See worksheet FB = Field blank EB = Equipment blank

	Client ID	Lab ID	Matrix	Date
1	TW06D-20200706	2001417-02	Water	07/06/20
2	TW25D-20200706	2001417-03	Water	07/06/20
3	TW26D-20200706	2001417-04	Water	07/06/20
4	TW08D-20200706	2001417-05	Water	07/06/20
5				
6				
7				
8				
9				
10				

Notes:

E060039				

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	/			
Were cooler temperature criteria met?	/			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	/			
III. Initial calibration and Initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	/			
Were all percent relative standard deviations (%RSD) \leq 20%?		/	/	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of \geq 0.990?	/			
Were all analytes within 70-130% or percent differences (%D) \leq 30% of their true value for each calibration standard?	/			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were the retention time windows properly established?	/			
Was an initial calibration verification (ICV) standard analyzed after each initial calibration for each instrument?	/			
Were all ICV percent differences (%D) of the initial calibration verification \leq 30%?	/			
IV. Continuing calibration and Instrument sensitivity check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	/			
Were all percent differences (%D) of the continuing calibration \leq 30%?	/			
Were all the retention times within the acceptance windows?	/			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were all percent differences (%D) of the Instrument Sensitivity Check \leq 30%?	/			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	/			
Was a laboratory blank analyzed for each matrix and concentration?	/			
Was there contamination in the laboratory blanks?		/		
VI. Field blanks				
Were field blanks identified in this SDG?	/			
Were target compounds detected in the field blanks?		/		

Validation Area	Yes	No	NA	Findings/Comments
VII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		/		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			/	
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	/			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		/		
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?	.	/		
Were target compounds detected in the field duplicates?			/	
X. Labeled compounds				
Were labeled compound percent recoveries (%R) within the QC limits?		/		
Were retention times within 0.4 minutes of the associated calibration standard?	/			
XI. Compound quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?	/			
Did reported results include both branched and linear isomers?	/			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	/			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	/			
Were compound quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	/			
XII. Target compound identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	/			
Were ion ratios between 50-150%?	/			
XIII. System performance				
System performance was found to be acceptable.	/			
XIV. Overall assessment of Data				
Overall assessment of data was found to be acceptable.	/			

TARGET COMPOUND WORKSHEET

METHOD: PFAS

A. PFBS		
B. PFHxA		
C. PFHpA		
D. PFHxS		
E. PFOA		
F. PFNA		
G. PFOS		
H. PFDA		
I. MeFOSAA		
J. EtFOSAA		
K. PFUnA		
L. PFDoA		
M. PFTrDA		
N. PFTeDA		
O. HFPO-DA		
P. ADONA		
Q. 9CI-PF30NS		
R. 11CI-PF30UdS		

LDC # 48792096

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 2
 Reviewer: SC
 2nd Reviewer: CF

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/10/2020	SCN982	PFOA	1	0.0371	0.02	0.00040
			2	0.0615	0.04	0.0016
			3	0.1197	0.08	0.0064
			4	0.2327	0.16	0.0256
			5	0.6277	0.40	0.1600
			6	1.1434	0.80	0.6400
			7	5.5884	4.00	16.0000
			8	11.6240	8.00	64.0000
			9	26.4062	20.00	400.0000
			10	51.9666	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.08117	c	0.1077220
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.38891	-0.0022976	1.42034	-0.000256585
Std Err of Coef.				
Correlation Coefficient		0.999908		
Coefficient of Determination (r ²)		0.999815		0.999514

LDC #: 48192096

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 2 of 2
 Reviewer: SC
 2nd Reviewer: [Signature]

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
7/10/2020	SCN982	PFOS	1	0.0181	0.02	0.00040
			2	0.0367	0.04	0.0016
			3	0.0751	0.08	0.0064
			4	0.1287	0.16	0.0256
			5	0.4089	0.40	0.1600
			6	0.8490	0.80	0.6400
			7	4.3716	4.00	16.0000
			8	8.7038	8.00	64.0000
			9	21.4254	20.00	400.0000
			10	38.6788	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	-0.06963	c	-0.0940027
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.153191	-0.0046289	1.126310	-0.0003080400
Std Err of Coef.				
Correlation Coefficient		0.999967		
Coefficient of Determination (r^2)		0.999933		0.999556

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

$\% \text{ Difference} = 100 * (\text{aveRRF} - \text{RRF}) / \text{aveRRF}$
 $\text{RRF} = (\text{Ax})(\text{Cis}) / (\text{Ais})(\text{Cx})$

Where:
 aveRRF = initial calib average RRF Cx = Concentration of compound,
 RRF = continuing calib RRF Ais = Area of associated internal standard
 Ax = Area of compound Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Conc	Reported Conc	Recalculated Conc	Reported %R	Recalculated %R
1	200710M1_109	7/11/2020	PFOA (13C2-PFOA)	10.00	10.7	10.7	106.5	106.5
			PFOS (13C8-PFOS)	10.00	8.57	8.55	85.7	85.5
2			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
3			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
4			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
5			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
6			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					

LDC #: 48792096

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 2
 Reviewer: SC
 2nd Reviewer: Q

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/16/2020	SCN945/960	PFOA	1	0.0307	0.02	0.00040
			2	0.0628	0.04	0.0016
			3	0.1341	0.08	0.0064
			4	0.2594	0.16	0.0256
			5	0.5827	0.40	0.1600
			6	1.2264	0.80	0.6400
			7	6.2227	4.00	16.0000
			8	11.8314	8.00	64.0000
			9	27.9818	20.00	400.0000
			10	55.1083	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.09022	c	0.0619264
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.45746	-0.0020386	1.49503	-0.000249651
Std Err of Coef.				
Correlation Coefficient		0.999949		
Coefficient of Determination (r ²)		0.999898		0.99964

LDC #: 4879209v

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 2 of 2
 Reviewer: SC
 2nd Reviewer: 0

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/16/2020	SCN982	PFOS	1	0.0183	0.02	0.00040
			2	0.0368	0.04	0.0016
			3	0.0855	0.08	0.0064
			4	0.1639	0.16	0.0256
			5	0.4212	0.40	0.1600
			6	0.8879	0.80	0.6400
			7	4.2126	4.00	16.0000
			8	8.8898	8.00	64.0000
			9	20.8350	20.00	400.0000
			10	37.5574	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	-0.03856	c	-0.0882230
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.14010	-0.0050221	1.12687	-0.0003708350
Std Err of Coef.				
Correlation Coefficient		0.999978		
Coefficient of Determination (r ²)		0.999957		0.999734

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: MCAS El Toro and Tustin PFAS

LDC Report Date: September 3, 2020

Parameters: Perfluoroalkyl & Polyfluoroalkyl Substances

Validation Level: Stage 4

Laboratory: Vista Analytical Laboratory

Sample Delivery Group (SDG): 2001436

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TW21D-20200707	2001436-02	Water	07/07/20
TW09D-20200707	2001436-03	Water	07/07/20
TW22D-20200707	2001436-04	Water	07/07/20
TW23D-20200708	2001436-06	Water	07/08/20
TW24D-20200708	2001436-07	Water	07/08/20
TW17D-20200708	2001436-08	Water	07/08/20

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances in Groundwater in Carve-Outs 2, 5, 6, and 9 and Groundwater and Surface Water Near Operable Unit 3, Former Marine Corps Air Station Tustin, Tustin, California, with Addendum #02 to Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances Sampling for Groundwater Remedial Action at Operable Unit 3, Installation Restoration Program Site 1 (February 2020), the U.S. Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 5.3 (2019), and the DoD General Validation Guidelines (February 2018). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) by Environmental Protection Agency (EPA) Method 537 Modified and LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

All sample results were subjected to Stage 4 data validation, which is comprised of the quality control (QC) summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- X The sample results (including non-detects) were affected by serious deficiencies in the ability to analyze the sample and to meet published method and project quality control criteria. The presence or absence of the analyte cannot be substantiated by the data provided. Acceptance or rejection of the data should be decided by the project team, but exclusion of the data is recommended.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. LC/MS Instrument Performance Check

Instrument performance was checked and the requirements were met.

III. Initial Calibration and Initial Calibration Verification

Initial calibration was performed as required by the methods.

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

For each calibration standard, all compounds were within 70-130% of their true value.

The signal to noise (S/N) ratio was within validation criteria for all compounds.

Retention time windows were established as required by the methods.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all compounds.

IV. Continuing Calibration and Instrument Sensitivity Check

Continuing calibration was performed at required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all compounds.

The signal to noise (S/N) ratio was within validation criteria for all compounds.

The percent differences (%D) of the instrument sensitivity check (ISC) were less than or equal to 30.0% for all compounds.

Retention times of all compounds in the calibration standards were within the established retention time windows.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Samples EB05-20200707 and EB06-20200708 were identified as equipment blanks. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the methods. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

IX. Field Duplicates

No field duplicates were identified in this SDG.

X. Labeled Compounds

All percent recoveries (%R) for labeled compounds used to quantitate target compounds were within QC limits with the following exceptions:

Sample	Labeled Compound	%R (Limits)	Affected Compound	Flag	A or P
TW21D-20200707	13C2-PFTeDA	32.1 (50-150)	PFTeDA	NA	-
TW09D-20200707	d5-EtFOSAA 13C2-PFDoA 13C2-PFTeDA	42.0 (50-150) 38.5 (50-150) 11.4 (50-150)	EtFOSAA PFDoA PFTeDA 11Cl-PF30UdS PFTeDA	NA	-
TW22D-20200707	d3-MeFOSAA 13C2-PFUnA d5-EtFOSAA 13C2-PFDoA	30.9 (50-150) 35.7 (50-150) 23.3 (50-150) 13.5 (50-150)	MeFOSAA PFUnA EtFOSAA PFDoA PFTeDA 11Cl-PF30UdS	NA	-
TW22D-20200707	13C2-PFTeDA	6.30 (50-150)	PFTeDA	X	P
TW23D-20200708	d5-EtFOSAA 13C2-PFDoA	48.0 (50-150) 35.0 (50-150)	EtFOSAA PFDoA PFTeDA 11Cl-PF30UdS	NA	-
TW23D-20200708	13C2-PFTeDA	5.40 (50-150)	PFTeDA	X	P

Sample	Labeled Compound	%R (Limits)	Affected Compound	Flag	A or P
TW24D-20200708	13C2-PFDoA	45.9 (50-150)	PFDoA PFTrDA 11Cl-PF30UdS	NA	-
TW24D-20200708	13C2-PFTeDA	7.80 (50-150)	PFTeDA	X	P
TW17D-20200708	13C3-PFBS 13C2-PFHxA 13C4-PFHpA 13C3-PFHxS 13C5-PFNA 13C8-PFOS	44.4 (50-150) 42.2 (50-150) 45.2 (50-150) 44.2 (50-150) 41.9 (50-150) 45.5 (50-150)	PFBS PFHxA PFHpA PFHxS PFNA PFOS	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	P
TW17D-20200708	13C3-HFPO-DA 13C4-PFHpA 13C8-PFOS 13C2-PFDA D3-MeFOSAA 13C2-PFUnA D5-EtFOSAA 13C2-PFDoA	39.6 (50-150) 45.2 (50-150) 45.5 (50-150) 39.0 (50-150) 27.8 (50-150) 28.3 (50-150) 22.3 (50-150) 15.3 (50-150)	HFPO-DA ADONA 9Cl-PF30NS PFDA MeFOSAA PFUnA EtFOSAA PFDoA PFTrDA 11Cl-PF30UdS	NA	-
TW17D-20200708	13C2-PFTeDA	3.30 (50-150)	PFTeDA	X	P

XI. Compound Quantitation

All compound quantitations met validation criteria.

XII. Target Compound Identifications

All target compound identifications met validation criteria.

XIII. System Performance

The system performance was acceptable.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the methods. No results were rejected in this SDG.

Due to labeled compound %R, data were qualified for recommended exclusion in four samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

**MCAS EI Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Data Qualification Summary - SDG
2001436**

Sample	Compound	Flag	A or P	Reason
TW22D-20200707 TW23D-20200708 TW24D-20200708 TW17D-20200708	PFTeDA	X	P	Labeled compounds (%R)
TW17D-20200708	PFBS PFHxA PFHpA PFHxS PFNA PFOS	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	P	Labeled compounds (%R)

**MCAS EI Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Laboratory Blank Data Qualification
Summary - SDG 2001436**

No Sample Data Qualified in this SDG

**MCAS EI Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Field Blank Data Qualification
Summary - SDG 2001436**

No Sample Data Qualified in this SDG

LDC #: 48792D96
 SDG #: 2001436
 Laboratory: Vista Analytical Laboratory

VALIDATION COMPLETENESS WORKSHEET

Stage 4

Date: 8/14/20
 Page: 1 of 1
 Reviewer: [Signature]
 2nd Reviewer: [Signature]

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 537M/QSM 5.3 Table B-15)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A, A	
II.	LC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A, A	IC TV/ICV ≤ 30
IV.	Continuing calibration/ISC	A/A	D ≤ 30
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	EB05-20200707, EB06-20200708
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	A	LCSA
IX.	Field duplicates	N	
X.	Labeled Compounds	SW	
VI.	Compound quantitation RL/LOQ/LODs	A	
XII.	Target compound identification	A	
XIII.	System performance	A	
XIV.	Overall assessment of data	A	

Note: A = Acceptable ND = No compounds detected D = Duplicate SB=Source blank
 N = Not provided/applicable R = Rinsate TB = Trip blank OTHER:
 SW = See worksheet FB = Field blank EB = Equipment blank

	Client ID	Lab ID	Matrix	Date
1	TW21D-20200707	2001436-02	Water	07/07/20
2	TW09D-20200707	2001436-03	Water	07/07/20
3	TW22D-20200707	2001436-04	Water	07/07/20
4	TW23D-20200708	2001436-06	Water	07/08/20
5	TW24D-20200708	2001436-07	Water	07/08/20
6	TW17D-20200708	2001436-08	Water	07/08/20
7				
8				
9				
10				

Notes:

B000058					

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	/			
Were cooler temperature criteria met?	/			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	/			
III. Initial calibration and Initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	/			
Were all percent relative standard deviations (%RSD) $\leq 20\%$?			/	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of ≥ 0.990 ?	/			
Were all analytes within 70-130% or percent differences (%D) $\leq 30\%$ of their true value for each calibration standard?	/			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were the retention time windows properly established?	/			
Was an initial calibration verification (ICV) standard analyzed after each initial calibration for each instrument?	/			
Were all ICV percent differences (%D) of the initial calibration verification $\leq 30\%$?	/			
IV. Continuing calibration and Instrument sensitivity check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	/			
Were all percent differences (%D) of the continuing calibration $\leq 30\%$?	/			
Were all the retention times within the acceptance windows?	/			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were all percent differences (%D) of the Instrument Sensitivity Check $\leq 30\%$?	/			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	/			
Was a laboratory blank analyzed for each matrix and concentration?	/			
Was there contamination in the laboratory blanks?		/		
VI. Field blanks				
Were field blanks identified in this SDG?	/			
Were target compounds detected in the field blanks?		/		

Validation Area	Yes	No	NA	Findings/Comments
VII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		/		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			/	
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	/			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	/			
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?		/		
Were target compounds detected in the field duplicates?			/	
X. Labeled compounds				
Were labeled compound percent recoveries (%R) within the QC limits?	/	/		
Were retention times within 0.4 minutes of the associated calibration standard?	/			
XI. Compound quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?	/			
Did reported results include both branched and linear isomers?	/			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	/			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	/			
Were compound quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	/			
XII. Target compound identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	/			
Were ion ratios between 50-150%?	/			
XIII. System performance				
System performance was found to be acceptable.	/			
XIV. Overall assessment of Data				
Overall assessment of data was found to be acceptable.	/			

TARGET COMPOUND WORKSHEET

METHOD: PFAS

A. PFBS		
B. PFHxA		
C. PFHpA		
D. PFHxS		
E. PFOA		
F. PFNA		
G. PFOS		
H. PFDA		
I. MeFOSAA		
J. EtFOSAA		
K. PFUnA		
L. PFDoA		
M. PFTrDA		
N. PFTeDA		
O. HFPO-DA		
P. ADONA		
Q. 9Cl-PF30NS		
R. 11Cl-PF30UdS		

VALIDATION FINDINGS WORKSHEET
Labeled Compounds

METHOD: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were all labeled compound recoveries within the QC criteria?

#	Date	Lab ID/Reference	Labeled Compound	% Recovery (Limit)	Qualifications
		1 (ND)	TDA	32.1 (50-150)	J/dets/P (N)
		2 ↓	EFOS	42.0	(J)
			DDA	38.5	(L, M, R)
			TDA	11.4	
		3 (ND)	MFOS	30.9	(I)
			UDA	35.7	(K)
			EFOS	27.3	
			DDA	13.5	
			TDA	6.30	J/ det /P × P
		4 (ND)	EFOS	48.0	J/dets/P
			DDA	35.0	↓
			TDA	5.40	J/ det /P × P
		5 (ND)	DDA	45.9	J/dets/P
			TDA	7.80	J/ det /P ↓/x/P

BS = 13C3-PFBS HXS = 13C3-PFHxS OS = 13C8-PFOS TDA = 13C2-PFTeDA EFOS = d5-EtFOSAA
 HXA = 13C2-PFHxA NA = 13C5-PFNA DA = 13C2-PFDA DDA = 13C2-PFDoA
 HPA = 13C4-PFHpA OA = 13C2-PFOA UDA = 13C2-PFUaA MFOS = d3-MeFOSAA

VALIDATION FINDINGS WORKSHEET
Labeled Compounds

METHOD: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y (N) N/A Were all labeled compound recoveries within the QC criteria?

#	Date	Lab ID/Reference	Labeled Compound	% Recovery (Limit)	Qualifications
		6 (date/ID)	BS	44.4 (50-150)	J date/P (A)
		(ND)	13C3-HFPD-DA	39.6	(O)
		C (date), P (ND)	HXA	42.2	(B)
		C (date), P (ND)	HPA	45.2	(C, P)
		(date)	HXS	44.2	(D)
		↓	NA	41.9	(F)
		↓	OA	47.8	No qual. SX (E)
		G (date), Q (ND)	OS	45.5	J date/P (G, Q)
		(ND)	DA	39.0	(H)
		↓	MFOS	27.8	(I)
		↓	UDA	28.3	(K)
		↓	EFOS	22.3	(J)
		↓	DDA	15.3	(L, M, R)
		(ND)	TDA	3.30	J date/P J date/P (N)

BS = 13C3-PFBS HXS = 13C3-PFHxS OS = 13C8-PFOS TDA = 13C2-PFTeDA EFOS = d5-EtFOSAA
HXA = 13C2-PFHxA NA = 13C5-PFNA DA = 13C2-PFDA DDA = 13C2-PFDoA
HPA = 13C4-PFHpA OA = 13C2-PFOA UDA = 13C2-PFUa MFOS = d3-MeFOSAA

LDC # 48792096

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 2
 Reviewer: SC
 2nd Reviewer: [Signature]

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/14/2020	SCN977	PFOA	1	0.0152	0.02	0.00040
			2	0.0354	0.04	0.0016
			3	0.0774	0.08	0.0064
			4	0.1611	0.16	0.0256
			5	0.3921	0.40	0.1600
			6	0.7570	0.80	0.6400
			7	3.7452	4.00	16.0000
			8	7.3709	8.00	64.0000
			9	18.0513	20.00	400.0000
			10	35.0945	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.01292	c	-0.0058451
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	0.93049	-0.0013317	0.93654	-0.000120375
Std Err of Coef.				
Correlation Coefficient		0.999999		
Coefficient of Determination (r ²)		0.999998		0.999948

LDC #: 48792296

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 2 of 2
 Reviewer: SC
 2nd Reviewer: 4

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/14/2020	SCN977	PFOS	1	0.0189	0.02	0.00040
			2	0.0436	0.04	0.0016
			3	0.0960	0.08	0.0064
			4	0.2164	0.16	0.0256
			5	0.4446	0.40	0.1600
			6	1.0272	0.80	0.6400
			7	5.1463	4.00	16.0000
			8	9.7792	8.00	64.0000
			9	23.9122	20.00	400.0000
			10	52.3992	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.11969	c	-0.0060877
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.132454	0.0043764	1.186310	0.0002266170
Std Err of Coef.				
Correlation Coefficient		0.999890		
Coefficient of Determination (r ²)		0.999781		0.999166

LDC # 18792D96

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 2
 Reviewer: SC
 2nd Reviewer: CF

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/15/2020	SCN977	PFOA	1	0.0206	0.02	0.00040
			2	0.0425	0.04	0.0016
			3	0.0812	0.08	0.0064
			4	0.1617	0.16	0.0256
			5	0.3638	0.40	0.1600
			6	0.7654	0.80	0.6400
			7	3.8409	4.00	16.0000
			8	7.7159	8.00	64.0000
			9	18.3778	20.00	400.0000
			10	33.7891	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	-0.01377	c	0.0065121
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	0.99146	-0.0036659	0.98500	-0.000278493
Std Err of Coef.				
Correlation Coefficient		0.999998		
Coefficient of Determination (r ²)		0.999996		0.999925

LDC #: 48792296

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 2 of 2
 Reviewer: SC
 2nd Reviewer:

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
7/15/2020	SCN977	PFOS	1	0.0194	0.02	0.00040
			2	0.0507	0.04	0.0016
			3	0.0999	0.08	0.0064
			4	0.2036	0.16	0.0256
			5	0.5553	0.40	0.1600
			6	1.0030	0.80	0.6400
			7	5.2162	4.00	16.0000
			8	10.0225	8.00	64.0000
			9	22.5872	20.00	400.0000
			10	48.0572	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.17286	c	0.0162657
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.138001	0.0014902	1.214650	-0.0000566898
Std Err of Coef.				
Correlation Coefficient		0.999708		
Coefficient of Determination (r^2)		0.999416		0.998321

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

$\% \text{ Difference} = 100 * (\text{aveRRF} - \text{RRF}) / \text{aveRRF}$
 $\text{RRF} = (\text{Ax})(\text{Cis}) / (\text{Ais})(\text{Cx})$

Where:

aveRRF = initial calib average RRF

RRF = continuing calib RRF

Ax = Area of compound

Cx = Concentration of compound,

Ais = Area of associated internal standard

Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Conc	Reported Conc	Recalculated Conc	Reported %R	Recalculated %R
1	200714P1_42	7/15/2020	PFOA (13C2-PFOA)	10.00	9.99	9.99	99.9	99.9
			PFOS (13C8-PFOS)	10.00	10.70	10.75	107.2	107.5
2			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
3			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
4			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
5			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
6			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: MCAS El Toro and Tustin PFAS

LDC Report Date: September 3, 2020

Parameters: Perfluoroalkyl & Polyfluoroalkyl Substances

Validation Level: Stage 4

Laboratory: Vista Analytical Laboratory

Sample Delivery Group (SDG): 2001444

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TW27S-20200709	2001444-02	Water	07/09/20
TW22S-20200709	2001444-03	Water	07/09/20
TW10D-20200709	2001444-04	Water	07/09/20
TW11D-20200709	2001444-05	Water	07/09/20
TW12D-20200709	2001444-06	Water	07/09/20
TW13D-20200709	2001444-07	Water	07/09/20
TW14D-20200709	2001444-08	Water	07/09/20

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances in Groundwater in Carve-Outs 2, 5, 6, and 9 and Groundwater and Surface Water Near Operable Unit 3, Former Marine Corps Air Station Tustin, Tustin, California, with Addendum #02 to Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances Sampling for Groundwater Remedial Action at Operable Unit 3, Installation Restoration Program Site 1 (February 2020), the U.S. Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 5.3 (2019), and the DoD General Validation Guidelines (February 2018). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) by Environmental Protection Agency (EPA) Method 537 Modified and LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

All sample results were subjected to Stage 4 data validation, which is comprised of the quality control (QC) summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- X The sample results (including non-detects) were affected by serious deficiencies in the ability to analyze the sample and to meet published method and project quality control criteria. The presence or absence of the analyte cannot be substantiated by the data provided. Acceptance or rejection of the data should be decided by the project team, but exclusion of the data is recommended.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. LC/MS Instrument Performance Check

Instrument performance was checked and the requirements were met.

III. Initial Calibration and Initial Calibration Verification

Initial calibration was performed as required by the methods.

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

For each calibration standard, all compounds were within 70-130% of their true value.

The signal to noise (S/N) ratio was within validation criteria for all compounds.

Retention time windows were established as required by the methods.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all compounds.

IV. Continuing Calibration and Instrument Sensitivity Check

Continuing calibration was performed at required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all compounds.

The signal to noise (S/N) ratio was within validation criteria for all compounds.

The percent differences (%D) of the instrument sensitivity check (ISC) were less than or equal to 30.0% for all compounds.

Retention times of all compounds in the calibration standards were within the established retention time windows.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample EB07-20200709 was identified as an equipment blank. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the methods. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

IX. Field Duplicates

No field duplicates were identified in this SDG.

X. Labeled Compounds

All percent recoveries (%R) for labeled compounds used to quantitate target compounds were within QC limits with the following exceptions:

Sample	Labeled Compound	%R (Limits)	Affected Compound	Flag	A or P
TW10D-20200709	13C2-PFTeDA	14.5 (50-150)	PFTeDA	NA	-
TW11D-20200709	d3-MeFOSAA 13C2-PFUnA d5-EtFOSAA 13C2-PFDoA	40.0 (50-150) 43.6 (50-150) 42.9 (50-150) 27.5 (50-150)	MeFOSAA EtFOSAA PFUnA PFDoA PFTrDA 11Cl-PF30UdS	NA	-
TW11D-20200709	13C2-PFTeDA	6.00 (50-150)	PFTeDA	X	P
TW12D-20200709	d3-MeFOSAA 13C2-PFUnA d5-EtFOSAA 13C2-PFDoA	44.9 (50-150) 42.9 (50-150) 41.2 (50-150) 24.1 (50-150)	MeFOSAA EtFOSAA PFUnA PFDoA PFTrDA 11Cl-PF30UdS	NA	-
TW12D-20200709	13C2-PFTeDA	5.20 (50-150)	PFTeDA	X	P
TW13D-20200709	13C2-PFTeDA	10.8 (50-150)	PFTeDA	NA	-

XI. Compound Quantitation

All compound quantitations met validation criteria.

XII. Target Compound Identifications

All target compound identifications met validation criteria with the following exceptions:

Sample	Compound	Ion Abundance Ratio (Limits)	Flag	A or P
TW13D-20200709	PFNA	26.223 (6.217-18.651)	J (all detects)	P

XIII. System Performance

The system performance was acceptable.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the methods. No results were rejected in this SDG.

Due to labeled compound %R, data were qualified for recommended exclusion in two samples.

Due to labeled compounds %R and ion abundance ratio, data were qualified as estimated in one sample.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

**MCAS El Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Data Qualification Summary - SDG
2001444**

Sample	Compound	Flag	A or P	Reason
TW11D-20200709 TW12D-20200709	PFTeDA	X	P	Labeled compounds (%R)
TW13D-20200709	PFNA	J (all detects)	P	Target compound identification (ion abundance ratio)

**MCAS El Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Laboratory Blank Data Qualification
Summary - SDG 2001444**

No Sample Data Qualified in this SDG

**MCAS El Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Field Blank Data Qualification
Summary - SDG 2001444**

No Sample Data Qualified in this SDG

LDC #: 48792E96

VALIDATION COMPLETENESS WORKSHEET

Date: 8/14/20

SDG #: 2001444

Stage 4

Page: 1 of 1

Laboratory: Vista Analytical Laboratory

Reviewer: [Signature]

2nd Reviewer: [Signature]

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 537M/QSM 5.3 Table B-15)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	LC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	TV/ICV ≤ 30
IV.	Continuing calibration/ISC	A/A	b ≤ 30
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	EB07-20200709
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	A	LCS/D
IX.	Field duplicates	N	
X.	Labeled Compounds	SW	
VI.	Compound quantitation RL/LOQ/LODs	A	
XII.	Target compound identification	SW	
XIII.	System performance	A	
XIV.	Overall assessment of data	A	

Note: A = Acceptable ND = No compounds detected D = Duplicate SB=Source blank
 N = Not provided/applicable R = Rinsate TB = Trip blank OTHER:
 SW = See worksheet FB = Field blank EB = Equipment blank

	Client ID	Lab ID	Matrix	Date
1	TW27S-20200709	2001444-02	Water	07/09/20
2	TW22S-20200709	2001444-03	Water	07/09/20
3	TW10D-20200709	2001444-04	Water	07/09/20
4	TW11D-20200709	2001444-05	Water	07/09/20
5	TW12D-20200709	2001444-06	Water	07/09/20
6	TW13D-20200709	2001444-07	Water	07/09/20
7	TW14D-20200709	2001444-08	Water	07/09/20
8				
9				
10				

Notes:

BOG 0090				

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	/			
Were cooler temperature criteria met?	/			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	/			
III. Initial calibration and Initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	/			
Were all percent relative standard deviations (%RSD) \leq 20%?			/	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of \geq 0.990?	/			
Were all analytes within 70-130% or percent differences (%D) \leq 30% of their true value for each calibration standard?	/			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were the retention time windows properly established?	/			
Was an initial calibration verification (ICV) standard analyzed after each initial calibration for each instrument?	/			
Were all ICV percent differences (%D) of the initial calibration verification \leq 30%?	/			
IV. Continuing calibration and Instrument sensitivity check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	/			
Were all percent differences (%D) of the continuing calibration \leq 30%?	/			
Were all the retention times within the acceptance windows?	/			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were all percent differences (%D) of the Instrument Sensitivity Check \leq 30%?	/			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	/			
Was a laboratory blank analyzed for each matrix and concentration?	/			
Was there contamination in the laboratory blanks?		/		
VI. Field blanks				
Were field blanks identified in this SDG?	/			
Were target compounds detected in the field blanks?		/		

Validation Area	Yes	No	NA	Findings/Comments
VII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		/		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			/	
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	/			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	/			
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?		/		
Were target compounds detected in the field duplicates?			/	
X. Labeled compounds				
Were labeled compound percent recoveries (%R) within the QC limits?		/		
Were retention times within 0.4 minutes of the associated calibration standard?	/			
XI. Compound quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?	/			
Did reported results include both branched and linear isomers?	/			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	/			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	/			
Were compound quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	/			
XII. Target compound identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	/			
Were ion ratios between 50-150%?		/		
XIII. System performance				
System performance was found to be acceptable.	/			
XIV. Overall assessment of Data				
Overall assessment of data was found to be acceptable.	/			


TARGET COMPOUND WORKSHEET

METHOD: PFAS

A. PFBS		
B. PFHxA		
C. PFHpA		
D. PFHxS		
E. PFOA		
F. PFNA		
G. PFOS		
H. PFDA		
I. MeFOSAA		
J. EtFOSAA		
K. PFUnA		
L. PFDoA		
M. PFTTrDA		
N. PFTeDA		
O. HFPO-DA		
P. ADONA		
Q. 9CI-PF30NS		
R. 11CI-PF30UdS		

LDC # 48792E96

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 2
 Reviewer: SC
 2nd Reviewer: 

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
7/21/2020	SCN977	PFOA	1	0.0278	0.02	0.00040
			2	0.0469	0.04	0.0016
			3	0.0823	0.08	0.0064
			4	0.1593	0.16	0.0256
			5	0.3971	0.40	0.1600
			6	0.7486	0.80	0.6400
			7	3.7233	4.00	16.0000
			8	7.8135	8.00	64.0000
			9	18.9803	20.00	400.0000
			10	36.5156	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	-0.01706	c	0.0565111
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	0.98243	-0.0017341	0.972216	-0.000115660
Std Err of Coef.				
Correlation Coefficient		0.999989		
Coefficient of Determination (r^2)		0.999978		0.999818

LDC #: 48792596

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 2 of 2
 Reviewer: SC
 2nd Reviewer: Q

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/21/2020	SCN977	PFOS	1	0.0210	0.02	0.00040
			2	0.0340	0.04	0.0016
			3	0.1120	0.08	0.0064
			4	0.1911	0.16	0.0256
			5	0.5292	0.40	0.1600
			6	0.9517	0.80	0.6400
			7	5.0005	4.00	16.0000
			8	10.7860	8.00	64.0000
			9	25.6408	20.00	400.0000
			10	52.0437	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.00376	c	-0.0631930
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.287640	0.0003101	1.292200	0.0000147461
Std Err of Coef.				
Correlation Coefficient		0.999957		
Coefficient of Determination (r ²)		0.999913		0.99958

LDC # 4877 E96

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 2
 Reviewer: SC
 2nd Reviewer: [Signature]

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/23/2020	SCN977	PFOA	1	0.0232	0.02	0.00040
			2	0.0463	0.04	0.0016
			3	0.0863	0.08	0.0064
			4	0.1615	0.16	0.0256
			5	0.3900	0.40	0.1600
			6	0.7723	0.80	0.6400
			7	3.8020	4.00	16.0000
			8	7.3944	8.00	64.0000
			9	19.1260	20.00	400.0000
			10	36.7968	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	-0.02577	c	0.0499833
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	0.97078	-0.0012466	0.956964	-0.0000683589
Std Err of Coef.				
Correlation Coefficient		0.999962		
Coefficient of Determination (r ²)		0.999925		0.999795

LDC #: 4879296

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 2 of 2
 Reviewer: SC
 2nd Reviewer:


Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/23/2020	SCN977	PFOS	1	0.0175	0.02	0.00040
			2	0.0388	0.04	0.0016
			3	0.1035	0.08	0.0064
			4	0.2072	0.16	0.0256
			5	0.5466	0.40	0.1600
			6	0.8809	0.80	0.6400
			7	5.1093	4.00	16.0000
			8	9.5918	8.00	64.0000
			9	25.5339	20.00	400.0000
			10	60.0403	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.10878	c	0.0102665
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.089828	0.0102330	1.138060	0.0007079480
Std Err of Coef.				
Correlation Coefficient		0.999939		
Coefficient of Determination (r ²)		0.999877		0.999249

LDC # 48792E96

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 2
 Reviewer: SC
 2nd Reviewer: 

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/24/2020	SCN977	PFOA	1	0.0257	0.02	0.00040
			2	0.0357	0.04	0.0016
			3	0.0821	0.08	0.0064
			4	0.1614	0.16	0.0256
			5	0.4081	0.40	0.1600
			6	0.7089	0.80	0.6400
			7	3.6827	4.00	16.0000
			8	7.6180	8.00	64.0000
			9	19.7474	20.00	400.0000
			10	38.9385	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	-0.04915	c	0.0306828
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	0.97842	-0.0000964	0.955014	0.0000457658
Std Err of Coef.				
Correlation Coefficient		0.999962		
Coefficient of Determination (r ²)		0.999925		0.999663

LDC #: 48792E96

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 2 of 2
 Reviewer: SC
 2nd Reviewer: [Signature]

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/24/2020	SCN977	PFOS	1	0.0154	0.02	0.00040
			2	0.0500	0.04	0.0016
			3	0.0828	0.08	0.0064
			4	0.2236	0.16	0.0256
			5	0.4951	0.40	0.1600
			6	0.9308	0.80	0.6400
			7	4.7375	4.00	16.0000
			8	9.4045	8.00	64.0000
			9	27.8957	20.00	400.0000
			10	50.8200	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	-0.24946	c	-0.0790602
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.386808	-0.0027533	1.278740	0.0000281280
Std Err of Coef.				
Correlation Coefficient		0.999343		
Coefficient of Determination (r ²)		0.998686		0.996689

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

$$\% \text{ Difference} = 100 * (\text{aveRRF} - \text{RRF}) / \text{aveRRF}$$

$$\text{RRF} = (\text{Ax})(\text{Cis}) / (\text{Ais})(\text{Cx})$$

Where:

aveRRF = initial calib average RRF

RRF = continuing calib RRF

Ax = Area of compound

Cx = Concentration of compound,

Ais = Area of associated internal standard

Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Conc	Reported Conc	Recalculated Conc	Reported %R	Recalculated %R
1	200721P1_38	7/21/2020	PFOA (13C2-PFOA)	10.00	9.17	9.17	91.7	91.7
			PFOS (13C8-PFOS)	10.00	9.15	9.16	91.5	91.6
2	200724P1_48	7/24/2020	PFOA (13C2-PFOA)	10.00	9.37	9.35	93.7	93.5
			PFOS (13C8-PFOS)	10.00	9.19	9.19	91.9	91.9
3			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
4			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
5			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
6			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: MCAS El Toro and Tustin PFAS
LDC Report Date: September 3, 2020
Parameters: Perfluoroalkyl & Polyfluoroalkyl Substances
Validation Level: Stage 4
Laboratory: Vista Analytical Laboratory
Sample Delivery Group (SDG): 2001472

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TW23S-20200710	2001472-02	Water	07/10/20
TW24S-20200710	2001472-03	Water	07/10/20
TW15D-20200710	2001472-04	Water	07/10/20
TW16D-20200710	2001472-05	Water	07/10/20

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances in Groundwater in Carve-Outs 2, 5, 6, and 9 and Groundwater and Surface Water Near Operable Unit 3, Former Marine Corps Air Station Tustin, Tustin, California, with Addendum #02 to Final Sampling and Analysis Plan for Per- and Polyfluoroalkyl Substances Sampling for Groundwater Remedial Action at Operable Unit 3, Installation Restoration Program Site 1 (February 2020), the U.S. Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 5.3 (2019), and the DoD General Validation Guidelines (February 2018). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) by Environmental Protection Agency (EPA) Method 537 Modified and LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

All sample results were subjected to Stage 4 data validation, which is comprised of the quality control (QC) summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- X The sample results (including non-detects) were affected by serious deficiencies in the ability to analyze the sample and to meet published method and project quality control criteria. The presence or absence of the analyte cannot be substantiated by the data provided. Acceptance or rejection of the data should be decided by the project team, but exclusion of the data is recommended.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. LC/MS Instrument Performance Check

Instrument performance was checked and the requirements were met.

III. Initial Calibration and Initial Calibration Verification

Initial calibration was performed as required by the methods.

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990.

For each calibration standard, all compounds were within 70-130% of their true value.

The signal to noise (S/N) ratio was within validation criteria for all compounds.

Retention time windows were established as required by the methods.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all compounds.

IV. Continuing Calibration and Instrument Sensitivity Check

Continuing calibration was performed at required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all compounds.

The signal to noise (S/N) ratio was within validation criteria for all compounds.

The percent differences (%D) of the instrument sensitivity check (ISC) were less than or equal to 30.0% for all compounds.

Retention times of all compounds in the calibration standards were within the established retention time windows.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample 08-2020710 was identified as an equipment blank. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the methods. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

IX. Field Duplicates

No field duplicates were identified in this SDG.

X. Labeled Compounds

All percent recoveries (%R) for labeled compounds used to quantitate target compounds were within QC limits with the following exceptions:

Sample	Labeled Compound	%R (Limits)	Affected Compound	Flag	A or P
TW24S-20200710	13C2-PFTeDA	36.1 (50-150)	PFTeDA	NA	-
TW15D-20200710	13C2-PFDoA	46.9 (50-150)	PFDoA PFTrDA 11Cl-PF30UdS	NA	-
TW15D-20200710	13C2-PFTeDA	6.90 (50-150)	PFTeDA	X	P
TW16D-20200710	d3-MeFOSAA 13C2-PFUnA d5-EtFOSAA 13C2-PFDoA	49.9 (50-150) 44.2 (50-150) 46.5 (50-150) 28.8 (50-150)	MeFOSAA PFUnA EtFOSAA PFDoA PFTrDA 11Cl-PF30UdS	NA	-
TW16D-20200710	13C2-PFTeDA	5.50 (50-150)	PFTeDA	X	P

XI. Compound Quantitation

All compound quantitations met validation criteria.

XII. Target Compound Identifications

All target compound identifications met validation criteria.

XIII. System Performance

The system performance was acceptable.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the methods. No results were rejected in this SDG.

Due to labeled compounds %R, data were qualified for recommended exclusion in two samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable

**MCAS El Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Data Qualification Summary - SDG
2001472**

Sample	Compound	Flag	A or P	Reason
TW15D-20200710 TW16D-20200710	PFTeDA	X	P	Labeled compounds (%R)

**MCAS El Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Laboratory Blank Data Qualification
Summary - SDG 2001472**

No Sample Data Qualified in this SDG

**MCAS El Toro and Tustin PFAS
Perfluoroalkyl & Polyfluoroalkyl Substances - Field Blank Data Qualification
Summary - SDG 2001472**

No Sample Data Qualified in this SDG

LDC #: 48792F696

VALIDATION COMPLETENESS WORKSHEET

Date: 8/20/20

SDG #: 2001472

Stage 4

Page: 1 of 1

Laboratory: Vista Analytical Laboratory

Reviewer: [Signature]

2nd Reviewer: [Signature]

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 537M/QSM 5.3 Table B-15)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	LC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	R TV/10/≤30
IV.	Continuing calibration/ISC	A/A	D ≤ 30
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	EP08-20200710
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	A	LCS/D
IX.	Field duplicates	N	
X.	Labeled Compounds	SW	
VI.	Compound quantitation RL/LOQ/LODs	A	
XII.	Target compound identification	A	
XIII.	System performance	A	
XIV.	Overall assessment of data	A	

Note: A = Acceptable
 N = Not provided/applicable
 SW = See worksheet

ND = No compounds detected
 R = Rinsate
 FB = Field blank

D = Duplicate
 TB = Trip blank
 EB = Equipment blank

SB=Source blank
 OTHER:

	Client ID	Lab ID	Matrix	Date
1	TW23S-20200710	2001472-02	Water	07/10/20
2	TW24S-20200710	2001472-03	Water	07/10/20
3	TW15D-20200710	2001472-04	Water	07/10/20
4	TW16D-20200710	2001472-05	Water	07/10/20
5				
6				
7				
8				
9				
10				

Notes:

Bo00090					

LDC #: 48792F96

VALIDATION FINDINGS CHECKLIST

Page: 1 of 2
Reviewer: [Signature]
2nd Reviewer: [Signature]**Method:** LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	/			
Were cooler temperature criteria met?	/			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	/			
III. Initial calibration and Initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	/			
Were all percent relative standard deviations (%RSD) $\leq 20\%$?			/	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of ≥ 0.990 ?	/			
Were all analytes within 70-130% or percent differences (%D) $\leq 30\%$ of their true value for each calibration standard?	/			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were the retention time windows properly established?	/			
Was an initial calibration verification (ICV) standard analyzed after each initial calibration for each instrument?	/			
Were all ICV percent differences (%D) of the initial calibration verification $\leq 30\%$?	/			
IV. Continuing calibration and Instrument sensitivity check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	/			
Were all percent differences (%D) of the continuing calibration $\leq 30\%$?	/			
Were all the retention times within the acceptance windows?	/			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were all percent differences (%D) of the Instrument Sensitivity Check $\leq 30\%$?	/			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	/			
Was a laboratory blank analyzed for each matrix and concentration?	/			
Was there contamination in the laboratory blanks?		/		
VI. Field blanks				
Were field blanks identified in this SDG?	/			
Were target compounds detected in the field blanks?		/		

VALIDATION FINDINGS CHECKLIST

Validation Area	Yes	No	NA	Findings/Comments
VII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		/		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			/	
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	/			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	/			
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?	/	/		
Were target compounds detected in the field duplicates?			/	
X. Labeled compounds				
Were labeled compound percent recoveries (%R) within the QC limits?		/		
Were retention times within 0.4 minutes of the associated calibration standard?	/			
XI. Compound quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?	/			
Did reported results include both branched and linear isomers?	/			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	/			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	/			
Were compound quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	/			
XII. Target compound identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	/			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	/			
Were ion ratios between 50-150%?	/			
XIII. System performance				
System performance was found to be acceptable.	/			
XIV. Overall assessment of Data				
Overall assessment of data was found to be acceptable.	/			

TARGET COMPOUND WORKSHEET

METHOD: PFAS

A. PFBS		
B. PFHxA		
C. PFHpA		
D. PFHxS		
E. PFOA		
F. PFNA		
G. PFOS		
H. PFDA		
I. MeFOSAA		
J. EtFOSAA		
K. PFUnA		
L. PFDoA		
M. PFTriDA		
N. PFTeDA		
O. HFPO-DA		
P. ADONA		
Q. 9Cl-PF30NS		
R. 11Cl-PF30UdS		

LDC # 4879zF96

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 2
 Reviewer: SC
 2nd Reviewer: [Signature]

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/21/2020	SCN977	PFOA	1	0.0278	0.02	0.00040
			2	0.0469	0.04	0.0016
			3	0.0823	0.08	0.0064
			4	0.1593	0.16	0.0256
			5	0.3971	0.40	0.1600
			6	0.7486	0.80	0.6400
			7	3.7233	4.00	16.0000
			8	7.8135	8.00	64.0000
			9	18.9803	20.00	400.0000
			10	36.5156	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	-0.01706	c	0.0565111
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	0.98243	-0.0017341	0.972216	-0.000115660
Std Err of Coef.				
Correlation Coefficient		0.999989		
Coefficient of Determination (r ²)		0.999978		0.999818

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VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

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 Reviewer: SC
 2nd Reviewer: [Signature]

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/21/2020	SCN977	PFOS	1	0.0210	0.02	0.00040
			2	0.0340	0.04	0.0016
			3	0.1120	0.08	0.0064
			4	0.1911	0.16	0.0256
			5	0.5292	0.40	0.1600
			6	0.9517	0.80	0.6400
			7	5.0005	4.00	16.0000
			8	10.7860	8.00	64.0000
			9	25.6408	20.00	400.0000
			10	52.0437	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.00376	c	-0.0631930
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.287640	0.0003101	1.292200	0.0000147461
Std Err of Coef.				
Correlation Coefficient		0.999957		
Coefficient of Determination (r ²)		0.999913		0.99958

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VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

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 Reviewer: SC
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Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/23/2020	SCN977	PFOA	1	0.0232	0.02	0.00040
			2	0.0463	0.04	0.0016
			3	0.0863	0.08	0.0064
			4	0.1615	0.16	0.0256
			5	0.3900	0.40	0.1600
			6	0.7723	0.80	0.6400
			7	3.8020	4.00	16.0000
			8	7.3944	8.00	64.0000
			9	19.1260	20.00	400.0000
			10	36.7968	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	-0.02577	c	0.0499833
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	0.97078	-0.0012466	0.956964	-0.0000683589
Std Err of Coef.				
Correlation Coefficient		0.999962		
Coefficient of Determination (r ²)		0.999925		0.999795

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VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

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Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

Calibration Date	Instrument	Compound	Standard	(Y) Response ratio	(X) Conc. Ratio	(X ²) Conc. Ratio
7/23/2020	SCN977	PFOS	1	0.0175	0.02	0.00040
			2	0.0388	0.04	0.0016
			3	0.1035	0.08	0.0064
			4	0.2072	0.16	0.0256
			5	0.5466	0.40	0.1600
			6	0.8809	0.80	0.6400
			7	5.1093	4.00	16.0000
			8	9.5918	8.00	64.0000
			9	25.5339	20.00	400.0000
			10	60.0403	40.00	1600.0000

Regression Output	Calculated		Reported	
Constant	c	0.10878	c	0.0102665
Std Err of Y Est				
Degrees of Freedom				
	b	a	b	a
X Coefficient(s)	1.089828	0.0102330	1.138060	0.0007079480
Std Err of Coef.				
Correlation Coefficient		0.999939		
Coefficient of Determination (r ²)		0.999877		0.999249

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Method: LC/MS/MS and Isotope Dilution Compliant with Table B-15 of DoD QSM 5.3

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

$\% \text{ Difference} = 100 * (\text{aveRRF} - \text{RRF}) / \text{aveRRF}$
 $\text{RRF} = (\text{Ax})(\text{Cis}) / (\text{Ais})(\text{Cx})$

Where:

aveRRF = initial calib average RRF
 RRF = continuing calib RRF
 Ax = Area of compound

Cx = Concentration of compound,
 Ais = Area of associated internal standard
 Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Conc	Reported Conc	Recalculated Conc	Reported %R	Recalculated %R
1	200721P1_38	7/21/2020	PFOA (13C2-PFOA)	10.00	9.17	9.17	91.7	91.7
			PFOS (13C8-PFOS)	10.00	9.15	9.16	91.5	91.6
2			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
3			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
4			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
5			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					
6			PFOA (13C2-PFOA)					
			PFOS (13C8-PFOS)					

