Data Verification Checklist for LCMSMS Analysis

* *Use this form to document primary review and secondary verification of the analytical results. The spaces for identification of analyst, verifier, and date must be completed. The completed checklist is placed in the project file.*

Work Order Number: E18130/ **Name:** Jordan Lake PFAS

Work Order Due Date: 5/1/18 **Batch:** 1804006 **Project Number:** 18-0301

Primary Analyst: Initials JG **Date** 4/27/18 **Method** ASBPROC800PFAS

Circle one

Y	N	NA	1.	All individual QC elements have been reviewed against the requirements in the method and/or technical SOP.
Y	N	NA	2.	Holding times for both preparation and analysis are met (if applicable) or if holding times exceeded, affected data are appropriately qualified and explanatory qualifier applied.
Y	N	NA	3.	Method blank(s) analyzed and meets acceptance criteria or appropriate action taken. For example, if method blank(s) contain contamination has the MRL been raised, the samples re-analyzed or re-extracted?
Y	N	NA	4.	An ICAL was run before any samples and was verified prior to sample analysis.
Y	N	NA	5.	A Continuing Calibration Verification standard was analyzed and appropriate action was taken based on the results.
Y	N	NA	6.	Surrogate spike (labeled) compounds meet established control limits or appropriate action taken.
Y	N	NA	7.	Appropriate action taken if LCS compound(s) recoveries are not within acceptance limits
Y	N	NA	8.	MRL Verification (PS) meets established control limits or appropriate action taken.
Y	N	NA	9.	Target analyte retention time and mass spectrum matches laboratory generated reference mass spectrum and retention time according to method specified criteria.
Y	N	NA	10.	Project file contains, or references location of, all necessary information including raw data, calibrations, preparation logs, standards, injection logs, dilutions and LC conditions. The injection log has also been added to the instrument injection logbook.
Y	N	NA	11.	Data have been entered and verified in Element and if qualified, contain the appropriate remarks to show reason(s) for qualification.
Y	N	NA	12.	Any manual entries made to Element are clearly noted within the data packet by a detailed review of each Sample/QC Report. Each sample report, manual integration, any hand-written corrections made, and any written observations noted on any unique concerns are documented, initialed and dated.

Comments: PS1 was rerun for 6:2FTS and passed, while BS1 was rerun for HFPO-DA ~~and failed recovery still~~ JG 4/30/18 JG 4/27/18 (no DUP1 was run for this batch) and passed second run

Secondary Analyst: **Initials** FV **Date** 4/27/18

Y	N	NA	1.	All individual items listed above have been thoroughly verified/validated against the requirements in the method and/or technical SOP.
Y	N	NA	2.	Secondary Analyst has provided their initials/date alongside the Primary Analyst's initials/date as noted in item 11 above once the information concerned has been verified/validated.
Y	N	NA	3.	Secondary Analyst is aware of the Work Order Due Date. 5/1/18

Comments: See comments above. ~~QL1- LCS rec. < control lim (HFPO-DA: BS1 low; BSD1-ok)~~ FV 5/1/18
~~QL3 LCS precision outside control lim.: HFPO-DA~~ FV 5/1/18
QC-5 PFDS, PFTeA low ICAL rec.

Approved by OCS Chief

QC-3 PFDA, PFDA(M+6), PFDS, cal. crit. not met (PFDA & PFDS outside 30
CR- PFHxA confirmatory 2nd ion not present
Samp -08

US-EPA, Region 4, SESD
Internal Chain of Custody
Where Department like OCS EXT

E181301

Client:	Drinking Water	Received:	03/27/18 11:00:00	
Project:	Jordan Lake PFAS - FWELLBOR	Received By:	Beall, Mike	
Number:	18-0301	Temp (°C):	2.5	**Printed: 4/27/2018 11:37:43AM**

E181301-01 (B3025000) Sampled 03/22/18 08:50:00

E181301-01 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

E181301-02 (B3660000) Sampled 03/22/18 09:30:00

E181301-02 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

E181301-03 (B3040000) Sampled 03/22/18 10:00:00

E181301-03 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

E181301-04 (B390000) Sampled 03/22/18 10:25:00

E181301-04 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

E181301-05 (B3750000) Sampled 03/22/18 11:15:00

E181301-05 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

E181301-06 (B2100000) Sampled 03/22/18 12:00:00

E181301-06 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

E181301-07 (B2100000 DUP) Sampled 03/22/18 12:05:00

E181301-07 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

E181301-08 (B4050000) Sampled 03/22/18 13:10:00

E181301-08 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

E181301-09 (CPF086C) Sampled 03/22/18 09:15:00

E181301-09 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

US-EPA, Region 4, SESD
Internal Chain of Custody
Where Department like OCS EXT

E181301

Client:	Drinking Water	Received:	03/27/18 11:00:00
Project:	Jordan Lake PFAS - FWELLBOR	Received By:	Beall, Mike
Number:	18-0301	Temp (°C):	2.5

Printed: 4/27/2018 11:37:43AM

E181301-10 (CPF081A1C) Sampled 03/22/18 10:00:00

E181301-10 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

E181301-11 (CPF086F) Sampled 03/22/18 10:30:00

E181301-11 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

E181301-12 (CPF089) Sampled 03/22/18 12:15:00

E181301-12 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

E181301-13 (CPF055C) Sampled 03/22/18 12:30:00

E181301-13 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

E181301-14 (TB) Sampled 03/22/18 08:30:00

E181301-14 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

E181301-15 (Trip Blank) Sampled 03/22/18 07:30:00

E181301-15 A [15 mL Plastic] **Home Locaton:** Custody Room

Out Location:	*Out At:*	*In At:*
D-111 LC-MS/MS	04/02/18 13:00:36 by JG(OCS EXT)	04/02/18 18:05:13 by JG

PFAS Logbook 3: Batch No.	1804006	Batch Page 1 of 1	Date Batch Created: 4/2/18
Project Name and Number	Jordan Lake PFAS (18-0301)		
Work Order	E181301		
Analysts	J Debs / J VanCuron		

Spiking Details	Labeled Surrogates	LCS/ MS/MSD	PS
Volume of spike (µL)	50	100	100
ELEMENT ID	8020903	8020902	8021215

Labeled surrogates added to each sample and QC prior to analysis.

Methanol Vendor/Lot	Fisher/178420
QC Water Lot#	RLB1-30-5
Cartridge Vendor/Lot	Oasis/120C37073A

Sample ID for Bottle	Tube* Label #	Tube* Mass (g)	Tube+H2O* Mass (g)	H2O Volume (mL)	MeOH Volume (mL)	Final Volume (mL)	Date MeOH Added
BLK1	01002	6.83	11.85	5.02	5.00	10.02	4/10/18
BLK2	01003	6.85	11.86	5.01	5.00	10.01	4/10/18
BS1	01004	6.87	11.90	5.03	5.00	10.03	4/10/18
BSD1	01005	6.85	11.87	5.02	5.00	10.02	4/10/18
PS1	01006	6.85	11.88	5.03	5.00	10.03	4/10/18
E181301-01A	00772	6.83	11.78	4.95	5.00	9.95	4/2/18
E181301-02A	00774	6.82	11.70	4.88	5.00	9.88	4/2/18
E181301-03A	00776	6.84	11.74	4.90	5.00	9.90	4/2/18
E181301-04A	00778	6.83	11.73	4.90	5.00	9.90	4/2/18
E181301-05A	00780	6.84	11.73	4.89	5.00	9.89	4/2/18
E181301-06A	00782	6.83	11.87	5.04	5.00	10.04	4/2/18
E181301-07A	00784	6.85	11.98	5.13	5.00	10.13	4/2/18
E181301-08A	00786	6.86	12.22	5.36	5.00	10.36	4/2/18
E181301-09A	00754	6.84	12.25	5.41	~~10~~ 5.00	10.41	4/2/18
E181301-10A	00756	6.81	12.47	5.66	5.00	10.66	4/2/18
E181301-11A	00758	6.82	12.54	5.72	5.00	10.72	4/2/18
E181301-12A	00760	6.84	12.15	5.31	5.00	10.31	4/2/18
E181301-13A	00762	6.85	12.35	5.50	5.00	10.50	4/2/18
E181301-14A	00752	6.82	12.66	5.84	5.00	10.84	4/2/18
E181301-15A	00771	6.85	12.23	5.38	5.00	10.38	4/2/18

Comments: DUP1 not included w/ this batch JG 4/24/18

*Information on individual tubes can be found in the sample tube logbook pages, which are included in the data packet.

Density of water samples are assumed to be 1.00 g/mL, (tube+H2O mass) - (tube mass) = mass of H2O = volume of H2O

Spiked By: JG	Spiked Date: 4/10/18	Date Complete: 4/27/18

SAMPLE TUBE ID LOGBOOK #2

pg 1 of 3

#	Sample Tube ID#	Weight of Empty Tube (g)	Weight w/ Sample (g)	Date Recorded	Balance/Weight Set ID	Initials
					METT779/E109	JG
1	00990	6.80		4/9/18		
2	00991	6.84		4/9/18		
3	00992	6.81		4/9/18		
4	00993	6.83		4/9/18		
5	00994	6.85		4/9/18		
6	00995	6.79		4/9/18		
7	00996	6.82		4/9/18		
8	00997	6.82		4/9/18		
9	00998	6.81		4/9/18		
10	00999	6.81		4/9/18		
11	01000	6.82		4/9/18		
12	01001	6.83		4/9/18		
13	01002	6.83	11.85	4/10/18 4/10/18		
14	01003	6.85	11.86	4/10/18 4/10/18		
15	01004	6.87	11.90	4/10/18 4/10/18		
16	01005	6.85	11.87	4/10/18 4/10/18		
17	01006	6.85	11.88	4/10/18 4/10/18		
18	01007	6.86	11.88	4/11/18 4/11/18		
19	01008	6.86	11.87	4/11/18 4/11/18		
20	01009	6.84	11.85	4/11/18 4/11/18		

COMMENTS:

SAMPLE TUBE ID LOGBOOK #2

P8 2 of 3

#	Sample Tube ID#	Weight of Empty Tube (g)	Weight w/ Sample (g)	Date Recorded	Balance/Weight Set ID	Initials
1	00750	6.82		3/12/18		JG/FV
2	00751	6.82		3/12/18		
3	00752	6.82	12.66 ~~11.79~~ JG 11/2/18	3/14/18 4/2/18	Mat 1779 10g = 10.00g *see note	FV
4	00753	6.83	11.83	3/14/18		
5	00754	6.84	12.25	3/14/18 4/2/18		
6	00755	6.81		3/14/18		
7	00756	6.81	12.47	3/14/18 4/2/18		
8	00757	6.83		3/14/18		
9	00758	6.82	12.54	3/14/18 4/2/18		
10	00759	6.83		3/14/18		
11	00760	6.84	12.15	3/14/18 4/2/18		
12	00761	6.83		3/14/18		
13	00762	6.85	12.35	3/14/18 4/2/18		
14	00763	6.84		3/14/18		
15	00764	6.84		3/14/18		
16	00765	6.84		3/14/18		
17	00766	6.86		3/14/18		
18	00767	6.83		3/14/18		
19	00768	6.85		3/14/18		
20	00769	6.82		3/14/18		

COMMENTS: * Balance ved early a.m. 3/14/18 by JM FV 3/14/18

SAMPLE TUBE ID LOGBOOK #2

pg 3 of 3

#	Sample Tube ID#	Weight of Empty Tube (g)	Weight w/ Sample (g)	Date Recorded	Balance/Weight Set ID	Initials
1	00770	6.82		3/14/18	* see note pg 14 of 50	ZV
2	00771	6.85	12.23	3/14/18 4/2/18		
3	00772	6.83	11.78	3/14/18 4/2/18		
4	00773	6.85		3/14/18		
5	00774	6.82	11.70	3/14/18 4/2/18		
6	00775	6.83		3/14/18		
7	00776	6.84	11.74	3/14/18 4/2/18		
8	00777	6.83		3/14/18		
9	00778	6.83	11.73	3/14/18 4/2/18		
10	00779	6.83		3/14/18		
11	00780	6.84	11.73	3/14/18 4/2/18		
12	00781	6.81		3/14/18		
13	00782	6.83	11.87	3/14/18 4/2/18		
14	00783	6.84		3/14/18		
15	00784	6.85	11.98	3/14/18 4/2/18		
16	00785	6.81		3/14/18		
17	00786	6.86	12.22	3/14/18 4/2/18		
18	00787	6.79	11.78	3/16/18 3/16/18		
19	00788	6.85	11.86	3/16/18 3/16/18		
20	00789	6.82	11.83	3/16/18 3/16/18		

COMMENTS:

PREPARATION BENCH SHEET

Printed: 4/27/2018 12:11:33PM

1804006

US-EPA, Region 4, SESD

Analysis
PFAS-Full List

Surrogate Solution
8020903 Intermediate Std Labeled (incl. GEI

Spiking Solution
8020902 Intermediate Standard for Natives and GENX
8021215 10X of Native Spike for PS

Prepared using: OCS SV - S PFC

Matrix: Water

Lab Number	Source ID	Initial (mL)	Final (mL)	ul Surrogate	Spike 1 ID	ul Spike 1	Spike 2 ID	ul Spike 2	Comments
1804006-BLK1		5.02	10.02	50					
1804006-BLK2		5.01	10.01	50					
1804006-BS1		5.03	10.03	50	8020902	100			
1804006-BSD1		5.02	10.02	50	8020902	100			
1804006-PS1		5.03	10.03	50	8021215	100			
E181301-01		4.95	9.95	50					
E181301-02		4.88	9.88	50					
E181301-03		4.9	9.9	50					
E181301-04		4.9	9.9	50					
E181301-05		4.89	9.89	50					
E181301-06		5.04	10.04	50					
E181301-07		5.13	10.13	50					
E181301-08		5.36	10.36	50					
E181301-09		5.41	10.41	50					
E181301-10		5.66	10.66	50					
E181301-11		5.72	10.72	50					
E181301-12		5.31	10.31	50					
E181301-13		5.5	10.5	50					
E181301-14		5.84	10.84	50					
E181301-15		5.38	10.38	50					

PREPARATION BENCH SHEET

Printed: 4/27/2018 12:11:33PM

Analysis
PFAS-Full List

1804006

US-EPA, Region 4, SESD

Surrogate Solution

8020903	Intermediate Std Labeled (incl. GEN

Spiking Solution

8020902	Intermediate Standard for Natives and GENX
8021215	10X of Native Spike for PS

John A Dilks 4/27/18

Bench Sheet Reviewed By — Date

Custody

	Relinquished By	Date/Time	Location	Received By	Date/Time	Location
1)	NA	NA	D111	NA	NA	D111
2)						
3)						
4)						

Marginal Exceedances of LCS-TCA Tracking Form

Batch ID: 1804006 Date Analyzed: 4/10/18 & 4/25/18

Project #: 18-0301 Analyst: JG

Analytical Method ASB PROC 800 PFAS Prep Method ASB PROC 100 PFAS Cleanup NA Matrix WATER

# of analytes in LCS 23 (11-30 analytes 1 in ME; 31-50 analytes 2 in ME; 51-70 analytes 3 in ME; 71-90 analytes 4 in ME)

* not analyzed by ASB JG 4/30/18

SampleID	Analyte	Recovery	L4SIG	LCL	UCL	U4SIG
1804006-BS1	MPFBA	101	60.00	70.00	130.00	140.00
1804006-BS1	PFBA	87.0	60.00	70.00	130.00	140.00
1804006-BS1	M5PFPeA	102	60.00	70.00	130.00	140.00
1804006-BS1	PFPeA	91.6	60.00	70.00	130.00	140.00
1804006-BS1	M2-4:2FTS	106	60.00	70.00	130.00	140.00
1804006-BS1	4:2FTS	97.1	60.00	70.00	130.00	140.00
1804006-BS1	M5PFHxA	99.7	60.00	70.00	130.00	140.00
1804006-BS1	PFHxA	99.7	60.00	70.00	130.00	140.00
1804006-BS1	M3PFBS	102	60.00	70.00	130.00	140.00
1804006-BS1	PFBS	88.1	60.00	70.00	130.00	140.00
1804006-BS1	MHFPO-DA	81.8	60.00	70.00	130.00	140.00
1804006-BS1	HFPO-DA	76.5	60.00	70.00	130.00	140.00
1804006-BS1	M4PFHpA	108	60.00	70.00	130.00	140.00
1804006-BS1	PFHpA	93.7	60.00	70.00	130.00	140.00
1804006-BS1	M2-6:2FTS	113	60.00	70.00	130.00	140.00
1804006-BS1	6:2FTS	86.2	60.00	70.00	130.00	140.00
1804006-BS1	M8PFOA	87.7	60.00	70.00	130.00	140.00
1804006-BS1	PFOA	94.0	60.00	70.00	130.00	140.00
1804006-BS1	M3PFHxS	99.5	60.00	70.00	130.00	140.00
1804006-BS1	PFPeS	88.5	60.00	70.00	130.00	140.00
1804006-BS1	PFHxS	89.3	60.00	70.00	130.00	140.00
1804006-BS1	PFHpS	88.6	60.00	70.00	130.00	140.00
1804006-BS1	M9PFNA	112	60.00	70.00	130.00	140.00
1804006-BS1	PFNA	94.4	60.00	70.00	130.00	140.00
1804006-BS1	*& M2-8:2FTS*	156	60.00	70.00	130.00	140.00
1804006-BS1	8:2FTS	92.1	60.00	70.00	130.00	140.00
1804006-BS1	M6PFDA	117	60.00	70.00	130.00	140.00
1804006-BS1	PFDA	101	60.00	70.00	130.00	140.00
1804006-BS1	*& N-MeFOSAA-d3*	153	60.00	70.00	130.00	140.00
1804006-BS1	N-MeFOSAA	101	60.00	70.00	130.00	140.00
1804006-BS1	M8PFOS	96.5	60.00	70.00	130.00	140.00
1804006-BS1	PFOS	92.5	60.00	70.00	130.00	140.00
1804006-BS1	PFNS	92.3	60.00	70.00	130.00	140.00
1804006-BS1	PFDS	107	60.00	70.00	130.00	140.00
1804006-BS1	***> N-EtFOSAA-d5***	**138**	60.00	70.00	130.00	140.00
1804006-BS1*	N-EtFOSAA	123	60.00	70.00	130.00	140.00
1804006-BS1	M7PFUdA	106	60.00	70.00	130.00	140.00
1804006-BS1	PFUdA	96.5	60.00	70.00	130.00	140.00
1804006-BS1	***> MPFDoA***	**136**	60.00	70.00	130.00	140.00
1804006-BS1	PFDoA	118	60.00	70.00	130.00	140.00
1804006-BS1	PFTrDA	98.9	60.00	70.00	130.00	140.00
1804006-BS1	M8FOSA	119	60.00	70.00	130.00	140.00
1804006-BS1	FOSA	101	60.00	70.00	130.00	140.00
1804006-BS1	*& M2PFTeDA*	169	60.00	70.00	130.00	140.00
1804006-BS1*	PFTeDA	127	60.00	70.00	130.00	140.00
1804006-BSD1	MPFBA	97.1	60.00	70.00	130.00	140.00

> indicates LCS failure ***& indicates ME failure***

SampleID	Analyte	Recovery	L4SIG	LCL	UCL	U4SIG
1804006-BSD1	PFBA	102	60.00	70.00	130.00	140.00
1804006-BSD1	M5PFPeA	92.0	60.00	70.00	130.00	140.00
1804006-BSD1	PFPeA	98.7	60.00	70.00	130.00	140.00
1804006-BSD1	M2-4:2FTS	107	60.00	70.00	130.00	140.00
1804006-BSD1	4:2FTS	101	60.00	70.00	130.00	140.00
1804006-BSD1	M5PFHxA	115	60.00	70.00	130.00	140.00
1804006-BSD1	PFHxA	98.3	60.00	70.00	130.00	140.00
1804006-BSD1	M3PFBS	105	60.00	70.00	130.00	140.00
1804006-BSD1	PFBS	98.1	60.00	70.00	130.00	140.00
1804006-BSD1	MHFPO-DA	116	60.00	70.00	130.00	140.00
1804006-BSD1	HFPO-DA	103	60.00	70.00	130.00	140.00
1804006-BSD1	M4PFHpA	102	60.00	70.00	130.00	140.00
1804006-BSD1	PFHpA	103	60.00	70.00	130.00	140.00
1804006-BSD1	M2-6:2FTS	101	60.00	70.00	130.00	140.00
1804006-BSD1	6:2FTS	91.5	60.00	70.00	130.00	140.00
1804006-BSD1	M8PFOA	109	60.00	70.00	130.00	140.00
1804006-BSD1	PFOA	103	60.00	70.00	130.00	140.00
1804006-BSD1	M3PFHxS	101	60.00	70.00	130.00	140.00
1804006-BSD1	PFPeS	102	60.00	70.00	130.00	140.00
1804006-BSD1	PFHxS	103	60.00	70.00	130.00	140.00
1804006-BSD1	PFHpS	104	60.00	70.00	130.00	140.00
1804006-BSD1	M9PFNA	105	60.00	70.00	130.00	140.00
1804006-BSD1	PFNA	106	60.00	70.00	130.00	140.00
1804006-BSD1	M2-8:2FTS	117	60.00	70.00	130.00	140.00
1804006-BSD1	8:2FTS	102	60.00	70.00	130.00	140.00
1804006-BSD1	M6PFDA	97.7	60.00	70.00	130.00	140.00
1804006-BSD1	PFDA	108	60.00	70.00	130.00	140.00
1804006-BSD1	N-MeFOSAA-d3	124	60.00	70.00	130.00	140.00
1804006-BSD1	> ***N-MeFOSAA***	**136**	60.00	70.00	130.00	140.00
1804006-BSD1	M8PFOS	105	60.00	70.00	130.00	140.00
1804006-BSD1	PFOS	101	60.00	70.00	130.00	140.00
1804006-BSD1	PFNS	104	60.00	70.00	130.00	140.00
1804006-BSD1	PFDS	107	60.00	70.00	130.00	140.00
1804006-BSD1	N-EtFOSAA-d5	104	60.00	70.00	130.00	140.00
1804006-BSD1	N-EtFOSAA	120	60.00	70.00	130.00	140.00
1804006-BSD1	M7PFUdA	126	60.00	70.00	130.00	140.00
1804006-BSD1	PFUdA	111	60.00	70.00	130.00	140.00
1804006-BSD1	MPFDoA	127	60.00	70.00	130.00	140.00
1804006-BSD1	PFDoA	109	60.00	70.00	130.00	140.00
1804006-BSD1	PFTrDA	98.1	60.00	70.00	130.00	140.00
1804006-BSD1	M8FOSA	100	60.00	70.00	130.00	140.00
1804006-BSD1	FOSA	112	60.00	70.00	130.00	140.00
1804006-BSD1	& *M2PFTeDA*	148	60.00	70.00	130.00	140.00
1804006-BSD1	& *PFTeDA*	142	60.00	70.00	130.00	140.00

Actions/Notes taken (if any):

> indicates LCS failure ***& indicates ME failure***

Some PFAS can be a mixture of isomers, dependent on the synthetic technique. Only a single peak can be automatically integrated by integration routines. Where present, all isomers have been manually integrated as a single peak. Automatic and manual integrations are shown.

JG 4/27/18

Sample ID	Acquisition Time	Acquisition Date
20180410_Instrument Blank_1	8:12:41	10-Apr-18
20180410_Instrument Blank_2	8:35:07	10-Apr-18
20180410_8040306_20ngL	8:57:34	10-Apr-18
20180410_8040305_40ngL	9:20:01	10-Apr-18
20180410_8040115_80ngL	9:42:31	10-Apr-18
20180410_8040116_100ngL	10:04:59	10-Apr-18
20180410_8040117_200ngL	10:27:28	10-Apr-18
20180410_8040118_400ngL	10:50:01	10-Apr-18
20180410_8040119_600ngL	11:12:31	10-Apr-18
20180410_8040120_800ngL	11:34:57	10-Apr-18
20180410_7110304_1000ngL	11:57:23	10-Apr-18
20180410_8040121_200ngLSS	12:19:52	10-Apr-18
20180410_Instrument Blank 3	12:42:18	10-Apr-18
20180410_Instrument Blank 4	13:04:46	10-Apr-18
1804006-BLK1	13:27:17	10-Apr-18
1804006-BLK2	13:49:46	10-Apr-18
1804006-BS1	14:12:15	10-Apr-18
1804006-BSD1	14:34:41	10-Apr-18
1804006-PS1	14:57:07	10-Apr-18
E181301-01	15:19:34	10-Apr-18
E181301-02	15:42:01	10-Apr-18
E181301-03	16:04:30	10-Apr-18
E181301-04	16:26:58	10-Apr-18
E181301-05	16:49:27	10-Apr-18
E181301-06	17:11:57	10-Apr-18
E181301-07	17:34:24	10-Apr-18
E181301-08	17:56:50	10-Apr-18
E181301-09	18:19:17	10-Apr-18
E181301-10	18:41:44	10-Apr-18
E181301-11	19:04:12	10-Apr-18
E181301-12	19:26:40	10-Apr-18
E181301-13	19:49:09	10-Apr-18
E181301-14	20:11:39	10-Apr-18
E181301-15	20:34:03	10-Apr-18
20180410_CCV_CLOSE2	20:56:28	10-Apr-18
1804006-PS1_1	21:18:57	10-Apr-18

LC Gradient Table				
Time (min)	Flow (mL/min)	%A	%B	Curve
Initial	0.300	100.0	0.0	---
1.0	0.300	80.0	20.0	6
6.0	0.300	55.0	45.0	6
13.0	0.300	20.0	80.0	6
17.0	0.300	5.0	95.0	6
18.0	0.300	100.0	0.0	6
21.0	0.300	100.0	0.0	6

Run Time: 21.00 min
Column: Waters Acquity UPLC CSH Phenyl-Hexyl 1.7 um

*** Due to the complexity of the LC-MS/MS analytical conditions, a copy of the method has been added to the project file.**

Project: Jordan Lake PFAS (18-0301)
WO: E181301 Batch: 1804006
Analyst: J. Giles
Instrument name: S ITHTQ

Sample ID	Acquisition Time	Acquisition Date
20180410_CCV_CLOSE3	21:41:24	10-Apr-18

LC Gradient Table				
Time (min)	Flow (mL/min)	%A	%B	Curve
Initial	0.300	100.0	0.0	---
1.0	0.300	80.0	20.0	6
6.0	0.300	55.0	45.0	6
13.0	0.300	20.0	80.0	6
17.0	0.300	5.0	95.0	6
18.0	0.300	100.0	0.0	6
21.0	0.300	100.0	0.0	6

Run Time: 21.00 min
Column: Waters Acquity UPLC CSH Phenyl-Hexyl 1.7 um

*** Due to the complexity of the LC-MS/MS analytical conditions, a copy of the method has been added to the project file.**

Project: Jordan Lake PFAS (18-0301)
WO: E181301 Batch: 1804006
Analyst: J. Giles
Instrument name: S ITHTQ

Sample ID	Acquisition Time	Acquisition Date
20180411_Instrument Blank_1	7:43:39	11-Apr-18
20180411_Instrument Blank_2	8:06:05	11-Apr-18
20180411_8040306_20ngL	8:28:32	11-Apr-18
20180411_8040305_40ngL	8:51:00	11-Apr-18
20180411_8040115_80ngL	9:13:29	11-Apr-18
20180411_8040116_100ngL	9:35:57	11-Apr-18
20180411_8040117_200ngL	9:58:26	11-Apr-18
20180411_8040118_400ngL	10:20:58	11-Apr-18
20180411_8040119_600ngL	10:43:27	11-Apr-18
20180411_8040120_800ngL	11:05:53	11-Apr-18
20180411_7110304_1000ngL	11:28:19	11-Apr-18
20180411_8040121_200ngLSS	11:50:48	11-Apr-18
20180411_Instrument Blank 3	21:06:22	12-Apr-18
20180411_Instrument Blank 4	21:28:49	12-Apr-18
1804008-BLK1	13:57:32	11-Apr-18
1804008-BLK2	14:19:59	11-Apr-18
1804008-BS1	14:42:29	11-Apr-18
1804008-PS1	15:04:56	11-Apr-18
1804006-PS1A	15:27:23	11-Apr-18
E181305-01	15:49:48	11-Apr-18
E181305-02	16:12:16	11-Apr-18
E181305-03	16:34:43	11-Apr-18
E181305-04	16:57:12	11-Apr-18
E181305-05	17:19:41	11-Apr-18
E181305-06	17:42:11	11-Apr-18
E181305-07	18:04:37	11-Apr-18
E181305-08	18:27:02	11-Apr-18
1804008-MS1	18:49:29	11-Apr-18
1804008-MSD1	19:11:56	11-Apr-18
20180411_CCV_CLOSE2	8:29:38	12-Apr-18
20180411_CCV_CLOSE_2	8:53:44	12-Apr-18

LC Gradient Table				
Time (min)	Flow (mL/min)	%A	%B	Curve
Initial	0.300	100.0	0.0	---
1.0	0.300	80.0	20.0	6
6.0	0.300	55.0	45.0	6
13.0	0.300	20.0	80.0	6
17.0	0.300	5.0	95.0	6
18.0	0.300	100.0	0.0	6
21.0	0.300	100.0	0.0	6

Run Time: 21.00 min
Column: Waters Acquity UPLC CSH Phenyl-Hexyl 1.7 um

*** Due to the complexity of the LC-MS/MS analytical conditions, a copy of the method has been added to the project file.**

Project: Chemours (18-0327) & Jordan Lake PFAS (18-0301)
WO: E181305 and E181301 Batch: 1804008 and 1804006
Analyst: J. Giles
Instrument name: S ITHTQ

Sample ID	Acquisition Time	Acquisition Date
20180425_Instrument Blank_1	7:54:50	25-Apr-18
20180425_Instrument Blank_2	8:17:15	25-Apr-18
20180425_8041730_20ngL	8:39:41	25-Apr-18
20180425_8041729_40ngL	9:02:08	25-Apr-18
20180425_8041728_80ngL	9:24:39	25-Apr-18
20180425_8041727_100ngL	9:47:08	25-Apr-18
20180425_8041726_200ngL	10:09:38	25-Apr-18
20180425_8041724_400ngL	10:32:06	25-Apr-18
20180425_8041723_600ngL	10:54:38	25-Apr-18
20180425_8041722_800ngL	11:17:04	25-Apr-18
20180425_8041721_1000ngL	11:39:30	25-Apr-18
20180425_8042503_500ngLSS	13:09:22	25-Apr-18
20180425_Instrument Blank 3	13:31:52	25-Apr-18
20180425_Instrument Blank 4	13:54:21	25-Apr-18
1804058-BLK1	14:16:54	25-Apr-18
1804058-BLK2	14:39:23	25-Apr-18
1804058-BS1	15:01:56	25-Apr-18
1804058-PS1	15:24:22	25-Apr-18
1804006-BS1_1	15:46:48	25-Apr-18
1804008-PS1_1	16:09:14	25-Apr-18
E181403-01	16:31:42	25-Apr-18
E181403-02	16:54:10	25-Apr-18
E181403-03	17:16:38	25-Apr-18
E181403-04	17:39:06	25-Apr-18
E181403-05	18:01:38	25-Apr-18
E181403-06	18:24:03	25-Apr-18
E181406-01	18:46:29	25-Apr-18
E181406-02	19:08:56	25-Apr-18
E181406-04	19:31:22	25-Apr-18
E181406-05	19:53:51	25-Apr-18
E181406-06	20:16:21	25-Apr-18
E181406-07	20:38:50	25-Apr-18
E181406-08	21:01:20	25-Apr-18
E181406-09	21:23:46	25-Apr-18
E181406-10	21:46:12	25-Apr-18
1804058-MS1	22:08:40	25-Apr-18

LC Gradient Table				
Time (min)	Flow (mL/min)	%A	%B	Curve
Initial	0.300	100.0	0.0	---
1.0	0.300	80.0	20.0	6
6.0	0.300	55.0	45.0	6
13.0	0.300	20.0	80.0	6
17.0	0.300	5.0	95.0	6
18.0	0.300	100.0	0.0	6
21.0	0.300	100.0	0.0	6

Run Time: 21.00 min
Column: Waters Acquity UPLC CSH Phenyl-Hexyl 1.7 um

*** Due to the complexity of the LC-MS/MS analytical conditions, a copy of the method has been added to the project file.**
Project: Chemours (18-0327, 18-0347), Chemours - rain water (18-0350)
Jordan Lake PFAS (18-0301)
WO: E181403, E181406, E181305, E181301 Batch: 1804058, 1804008, 180400
Analyst: J. Giles
Instrument name: S ITHTQ

Sample ID	Acquisition Time	Acquisition Date
1804058-MSD1_1	9:08:10	26-Apr-18
20180425_CCV_CLOSE2	9:32:10	26-Apr-18

LC Gradient Table				
Time (min)	Flow (mL/min)	%A	%B	Curve
Initial	0.300	100.0	0.0	---
1.0	0.300	80.0	20.0	6
6.0	0.300	55.0	45.0	6
13.0	0.300	20.0	80.0	6
17.0	0.300	5.0	95.0	6
18.0	0.300	100.0	0.0	6
21.0	0.300	100.0	0.0	6

Run Time: 21.00 min
Column: Waters Acquity UPLC CSH Phenyl-Hexyl 1.7 um

*** Due to the complexity of the LC-MS/MS analytical conditions, a copy of the method has been added to the project file.**
Project: Chemours (18-0327, 18-0347), Chemours - rain water (18-0350)
Jordan Lake PFAS (18-0301)
WO: E181403, E181406, E181305, E181301 Batch: 1804058, 1804008, 180400E
Analyst: J. Giles
Instrument name: S ITHTQ

Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_BATCH_1804006.qld
Last Altered: Monday, April 23, 2018 10:22:20 Eastern Daylight Time
Printed: Monday, April 23, 2018 10:39:20 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180410.cdb 23 Apr 2018 09:35:21

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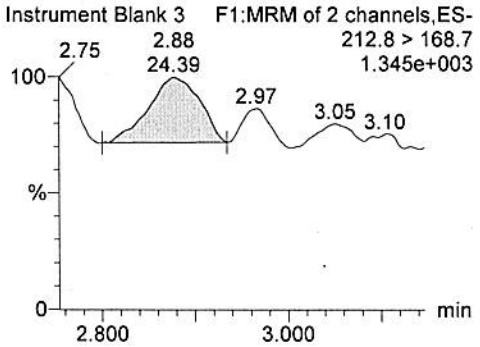
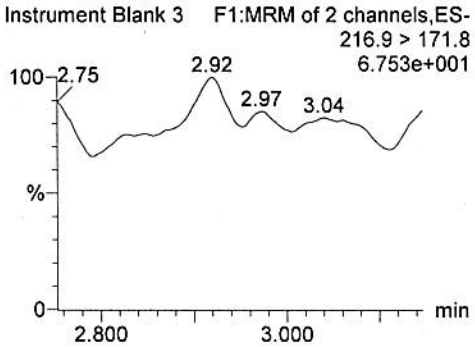
Name: 20180410_Instrument Blank 3, Date: 10-Apr-2018, Time: 12:42:18, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

4/27/18

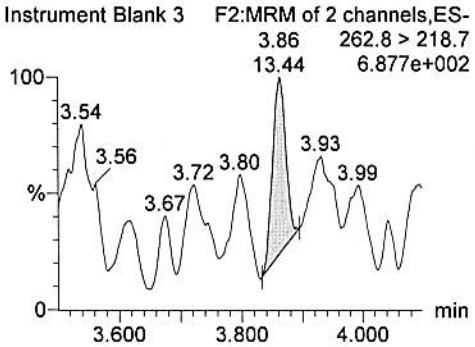
PFBA



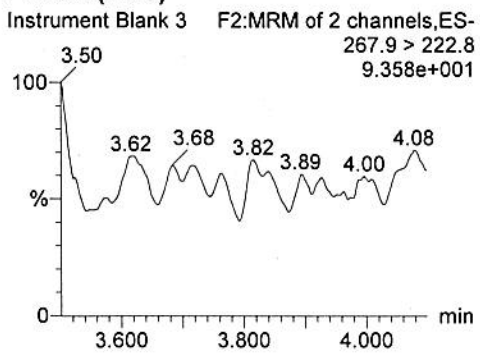
PFBA (M+4)



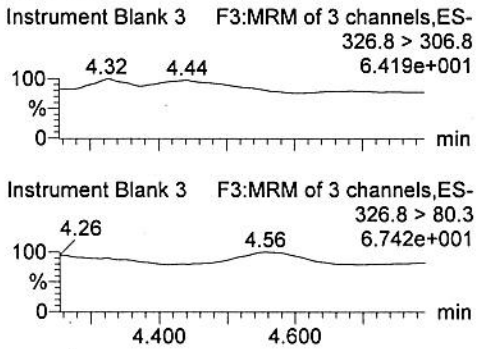
PFPeA



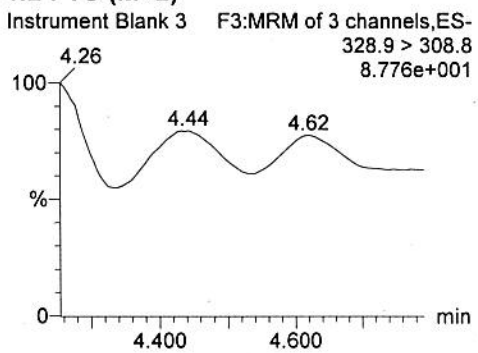
PFPeA (M+5)



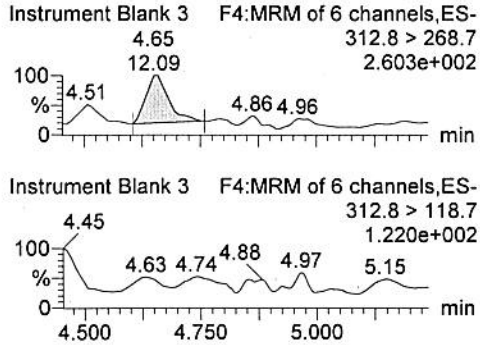
4:2 FTS



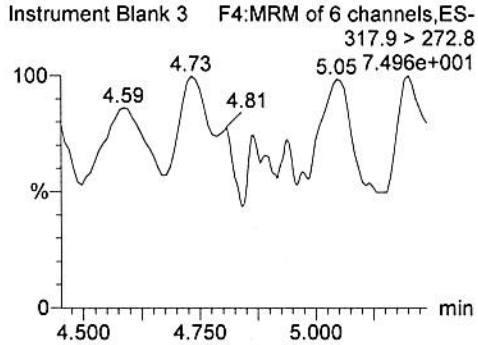
4:2 FTS (M+2)



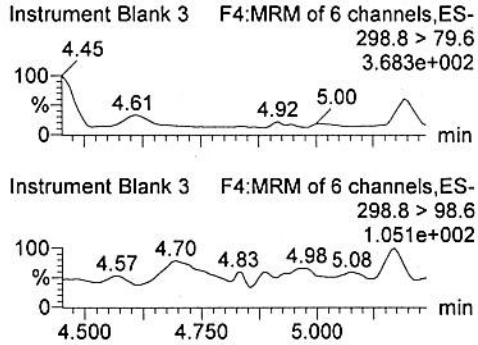
PFHxA



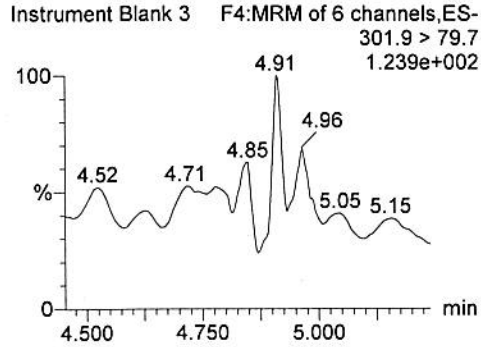
PFHxA (M+5)



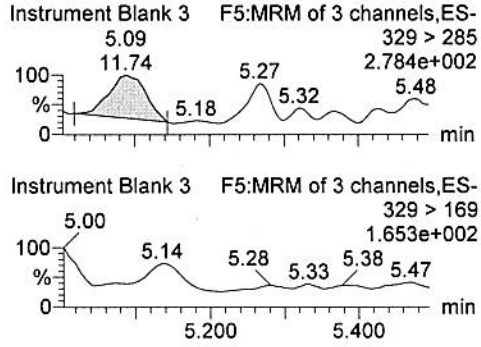
PFBS



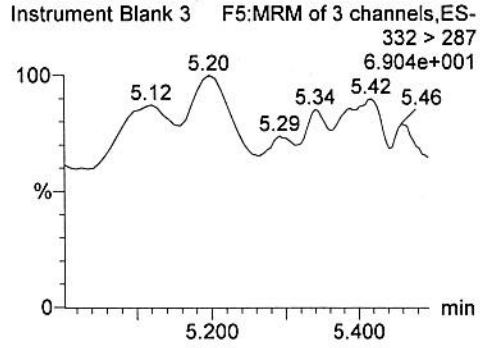
PFBS (M+3)



HFPO-DA



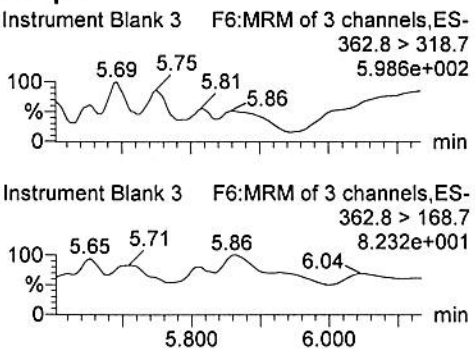
HFPO-DA (M+3)



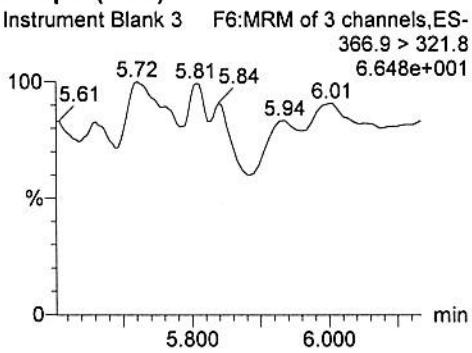
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_BATCH_1804006.qld
Last Altered: Monday, April 23, 2018 10:22:20 Eastern Daylight Time
Printed: Monday, April 23, 2018 10:39:20 Eastern Daylight Time

Name: 20180410_Instrument Blank 3, Date: 10-Apr-2018, Time: 12:42:18, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

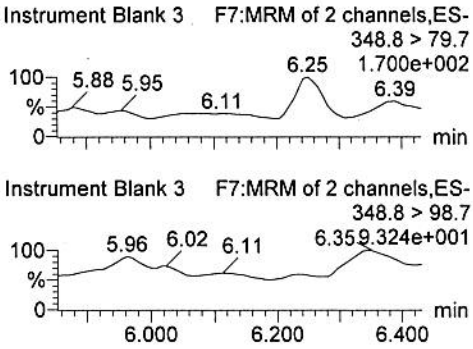
PFHpA



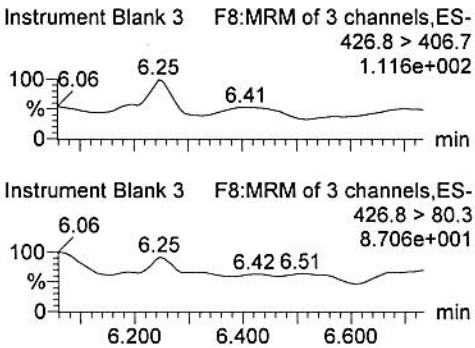
PFHpA (M+4)



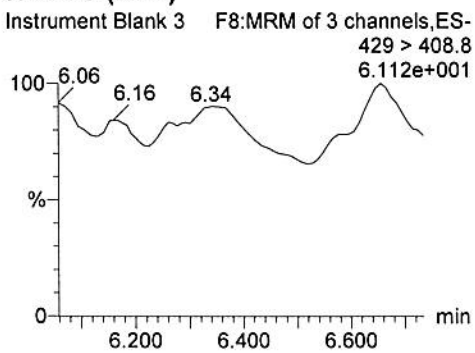
PFPeS



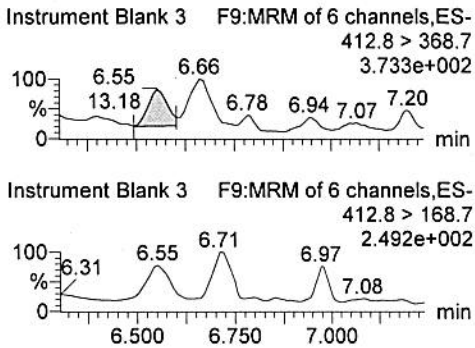
6:2 FTS



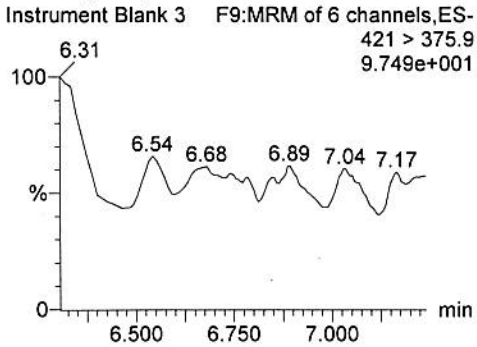
6:2 FTS (M+2)



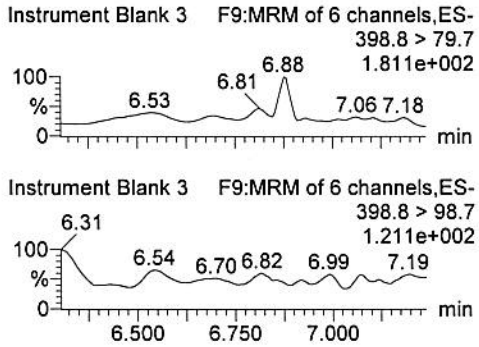
PFOA



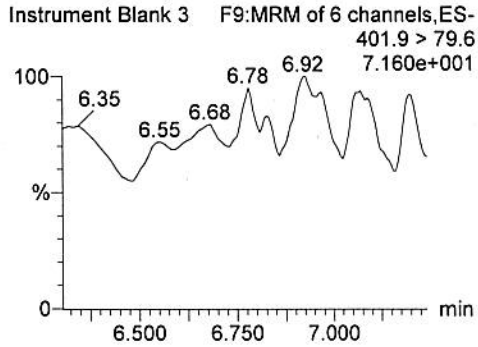
PFOA (M+8)



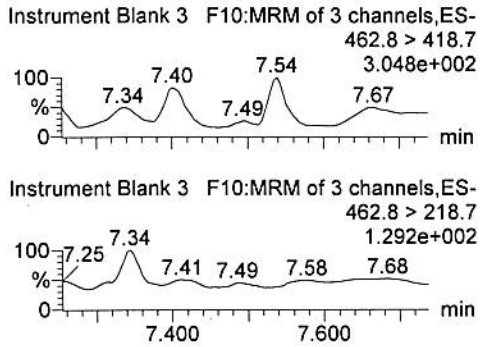
PFHxS



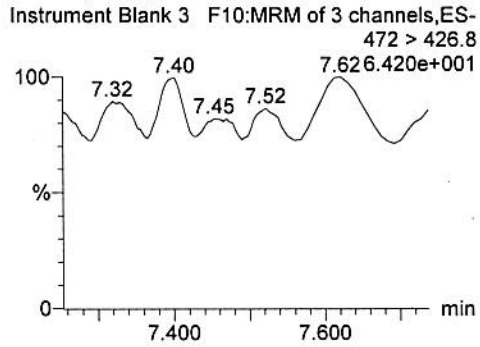
PFHxS (M+3)



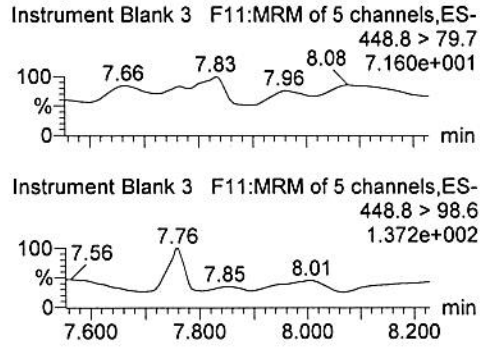
PFNA



PFNA (M+9)



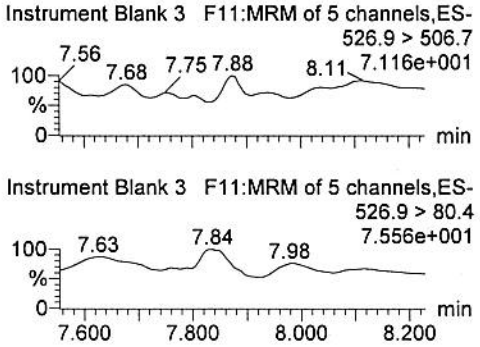
PFHpS



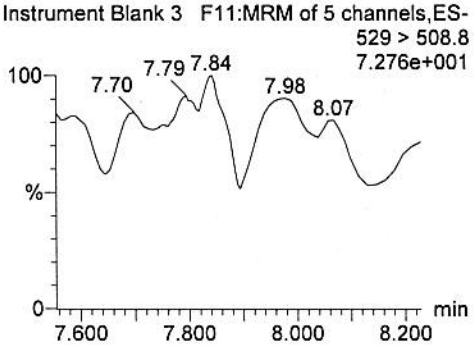
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_BATCH_1804006.qld
Last Altered: Monday, April 23, 2018 10:22:20 Eastern Daylight Time
Printed: Monday, April 23, 2018 10:39:20 Eastern Daylight Time

Name: 20180410_Instrument Blank 3, Date: 10-Apr-2018, Time: 12:42:18, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

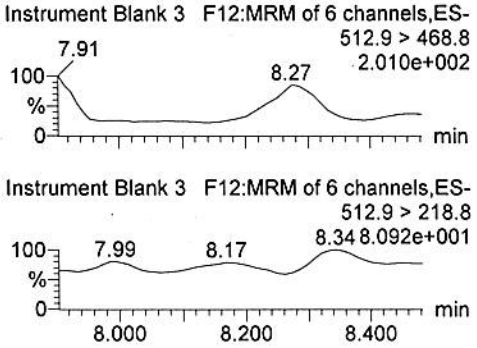
8:2 FTS



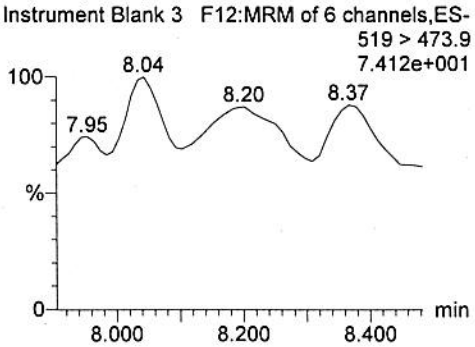
8:2 FTS (M+2)



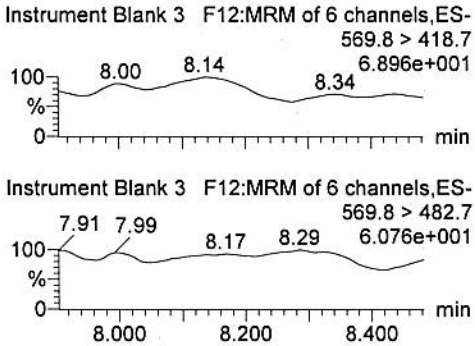
PFDA



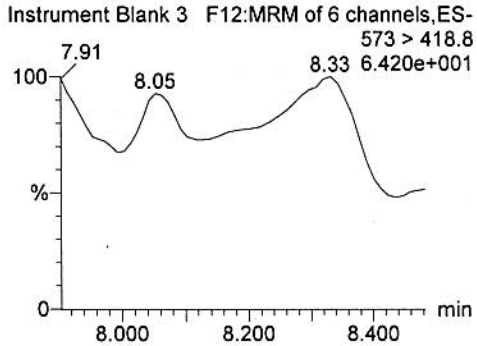
PFDA (M+6)



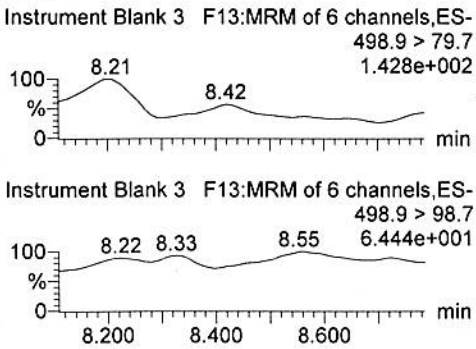
N-MeFOSAA



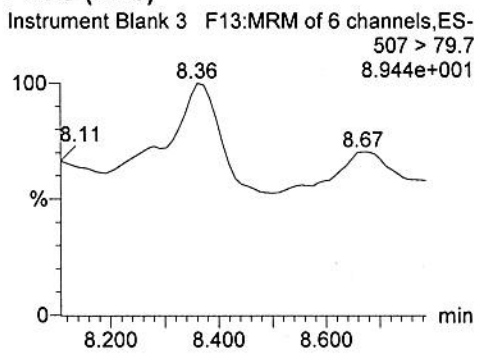
N-MeFOSAA (M+3)



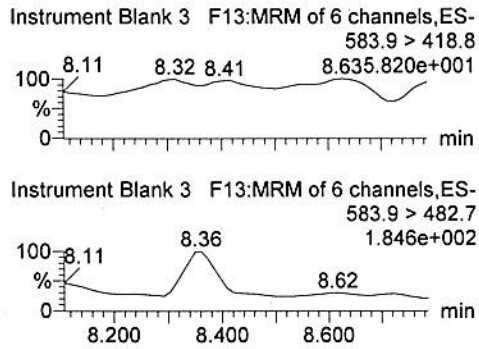
PFOS



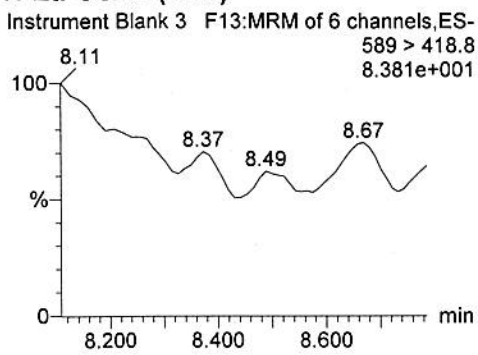
PFOS (M+8)



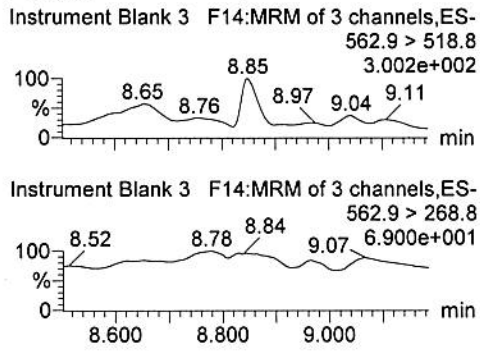
N-EtFOSAA



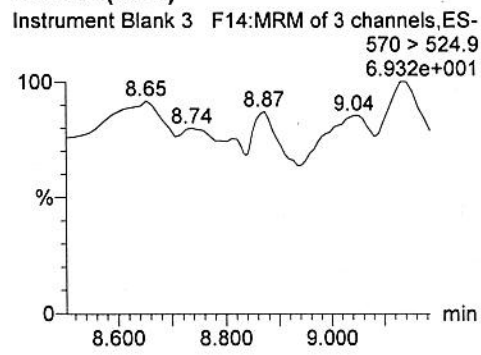
N-EtFOSAA (M+5)



PFUnA



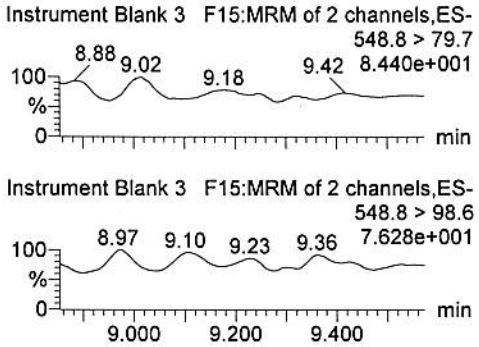
PFUnA (M+7)



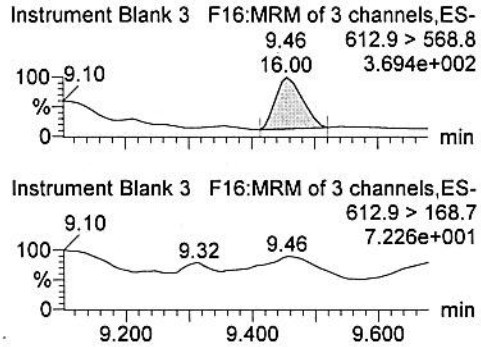
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_BATCH_1804006.qld
Last Altered: Monday, April 23, 2018 10:22:20 Eastern Daylight Time
Printed: Monday, April 23, 2018 10:39:20 Eastern Daylight Time

Name: 20180410_Instrument Blank 3, Date: 10-Apr-2018, Time: 12:42:18, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

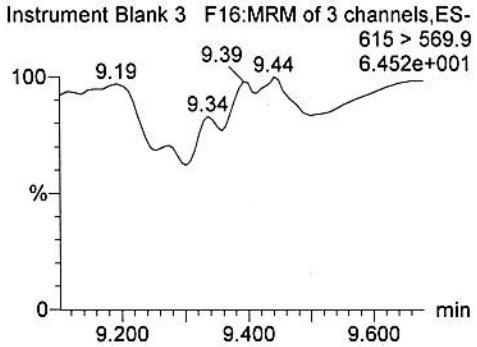
PFNS



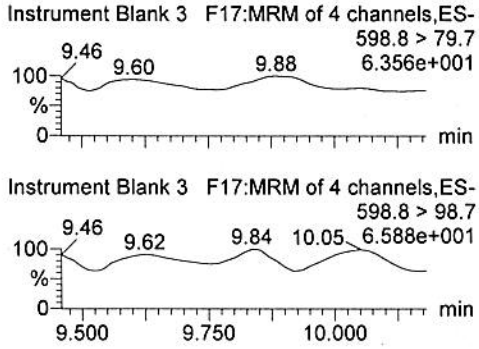
PFDoA



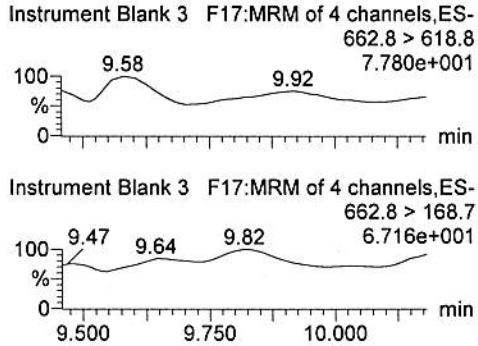
PFDoA (M+2)



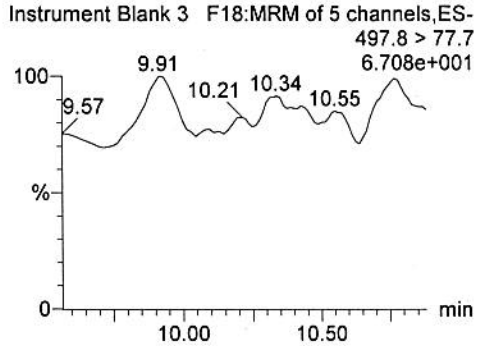
PFDS



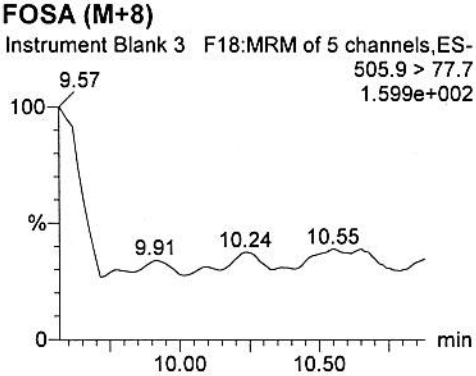
PFTrA



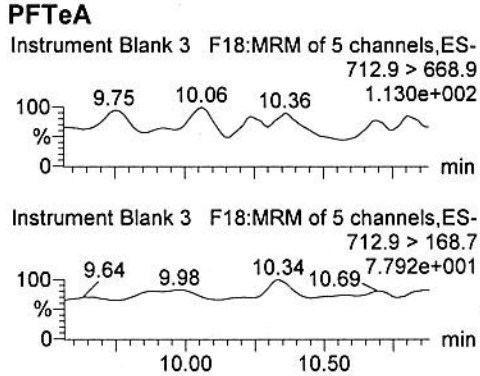
FOSA



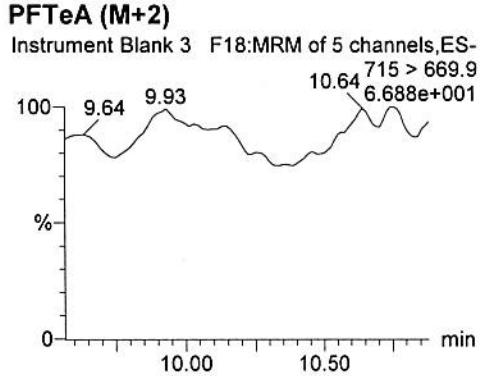
FOSA (M+8)



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_BATCH_1804006.qld
Last Altered: Monday, April 23, 2018 10:22:20 Eastern Daylight Time
Printed: Monday, April 23, 2018 10:39:20 Eastern Daylight Time

JG 4/23/18

Name: 20180410_Instrument Blank 3, Date: 10-Apr-2018, Time: 12:42:18, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.90	2.88	0.998	24.4	1.691	XFt	24.394	bb			
PFBA (M+4)	2.89		0.998								
PFPeA	3.73	3.86	0.999	13.4	1.674	XFt	13.444	bb			
PFPeA (M+5)	3.72		0.999								
4:2 FTS	4.43		0.997						1.632		
4:2 FTS (M+2)	4.43		0.998								
PFHxA	4.72	4.65	0.998	12.1	0.6751	XFt	12.093	bb	22.751		
PFHxA (M+5)	4.72		0.998								
PFBS	4.91		0.997						2.147		
PFBS (M+3)	4.91		0.999								
HFPO-DA	5.08	5.09	0.993	11.7	8.241	XFt	11.740	bb	1.720		
HFPO-DA (M+3)	5.09		0.990								
PFHpA	5.69		0.998						3.390		
PFHpA (M+4)	5.69		0.998								
PFPeS	5.97		0.999						2.226		
6:2 FTS	6.23		0.996						1.154		
6:2 FTS (M+2)	6.23		0.997								
PFOA	6.56	6.55	0.998	13.2			13.177	bdl	2.382		
PFOA (M+8)	6.55		0.999								
PFHxS	6.90		0.997						1.697		
PFHxS (M+3)	6.90		0.998								
PFNA	7.33		0.999						2.576		
PFNA (M+9)	7.32		0.999								
PFHpS	7.71		0.999						1.979		
8:2 FTS	7.70		0.995						1.092		
8:2 FTS (M+2)	7.70		0.996								
PFDA	8.02		0.998						3.514		
PFDA (M+6)	8.02		0.999								
N-MeFOSAA	8.15		0.987						1.143		
N-MeFOSAA (M+3)	8.14		0.975								
PFOS	8.43		0.997						2.253		
PFOS (M+8)	8.43		0.997								
N-EtFOSAA	8.43		0.996						1.604		
N-EtFOSAA (M+5)	8.41		0.996								
PFUnA	8.66		0.997						4.173		
PFUnA (M+7)	8.66		0.998								
PFNS	9.08		0.999						1.976		
PFDoA	9.26	9.46	0.993	16.0	11.93	XFt	16.001	bb	4.930		
PFDoA (M+2)	9.26		0.995								
PFDS	9.68		0.993						2.570		
PFTrA	9.82		0.968						3.721		
FOSA	9.95		0.997								
FOSA (M+8)	9.95		0.999								
PFTeA	10.37		0.993						3.077		
PFTeA (M+2)	10.36		0.987								

Ft=false positive

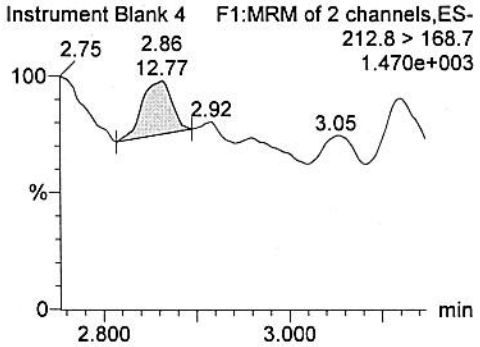
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_BATCH_1804006.qld
Last Altered: Monday, April 23, 2018 10:22:20 Eastern Daylight Time
Printed: Monday, April 23, 2018 10:39:21 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180410.cdb 23 Apr 2018 09:35:21

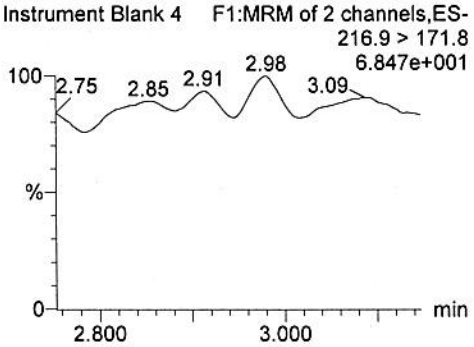
JG 4/23/18
JV 4/27/18

Name: 20180410_Instrument Blank 4, Date: 10-Apr-2018, Time: 13:04:46, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

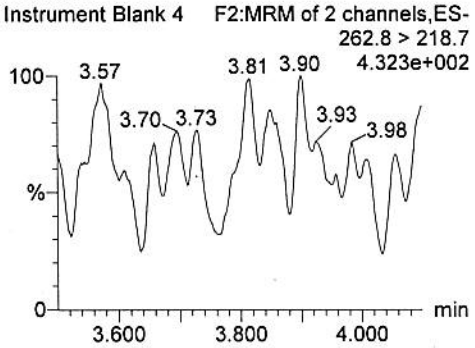
PFBA



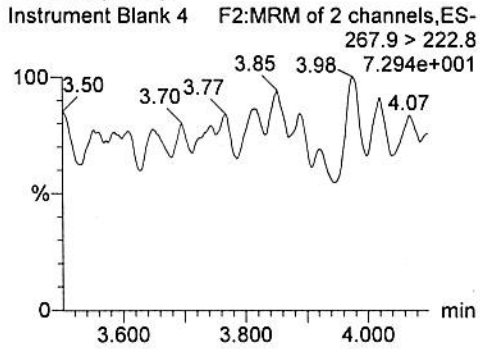
PFBA (M+4)



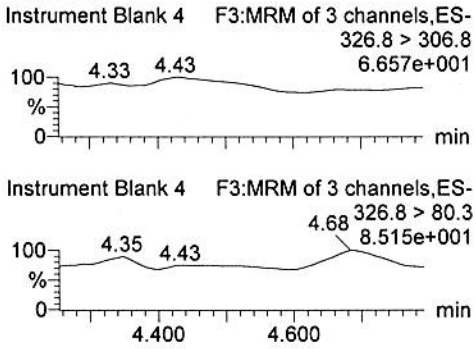
PFPeA



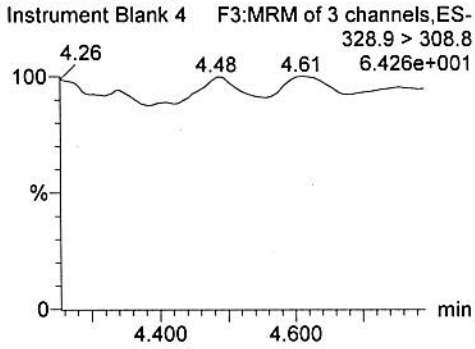
PFPeA (M+5)



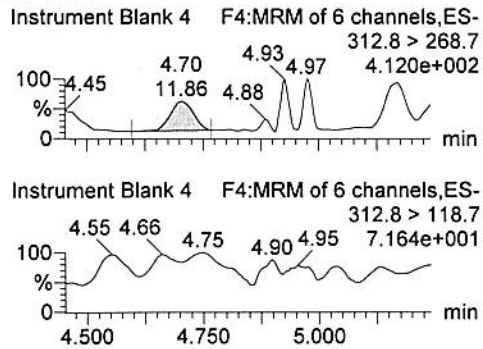
4:2 FTS



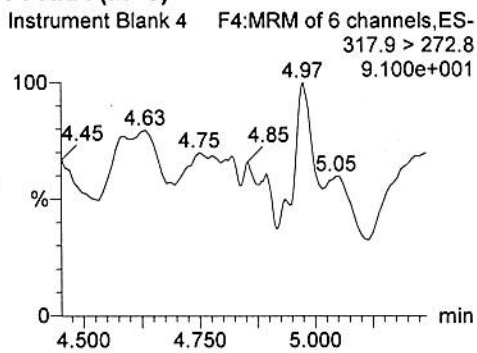
4:2 FTS (M+2)



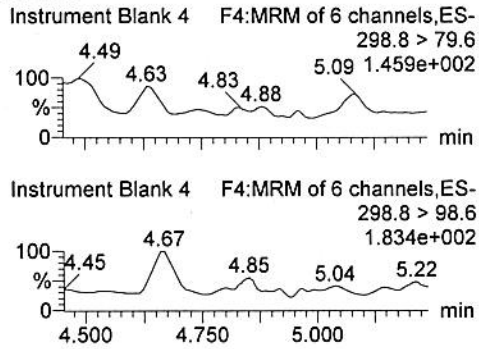
PFHxA



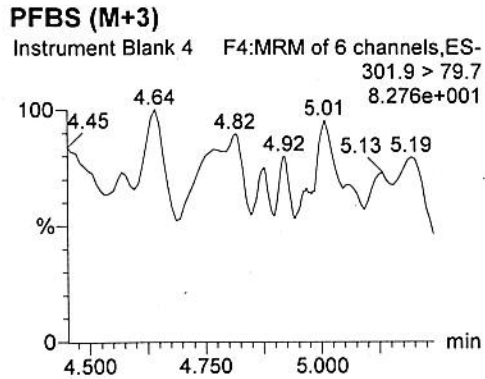
PFHxA (M+5)



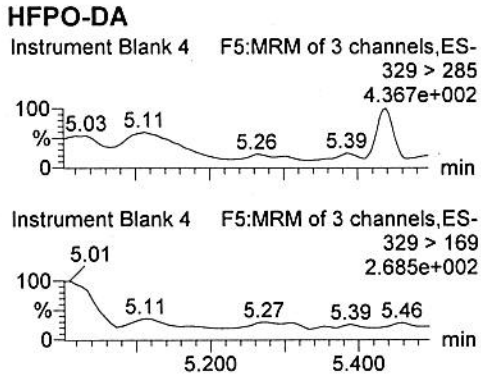
PFBS



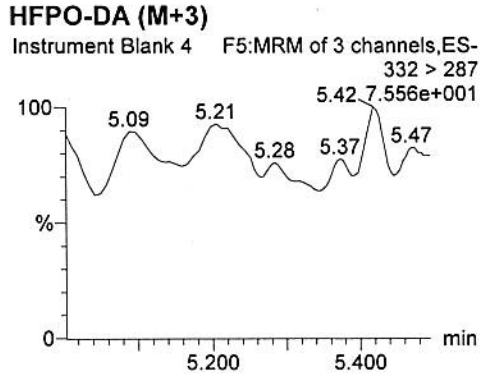
PFBS (M+3)



HFPO-DA



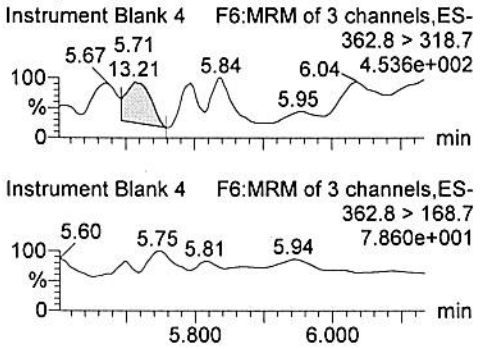
HFPO-DA (M+3)



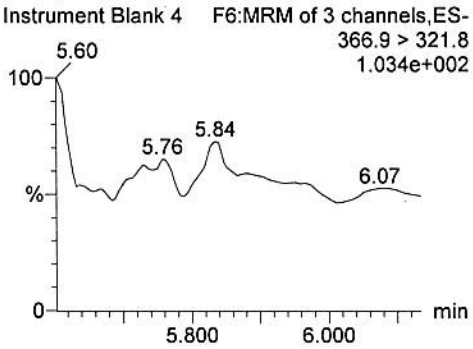
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_BATCH_1804006.qld
Last Altered: Monday, April 23, 2018 10:22:20 Eastern Daylight Time
Printed: Monday, April 23, 2018 10:39:21 Eastern Daylight Time

Name: 20180410_Instrument Blank 4, Date: 10-Apr-2018, Time: 13:04:46, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

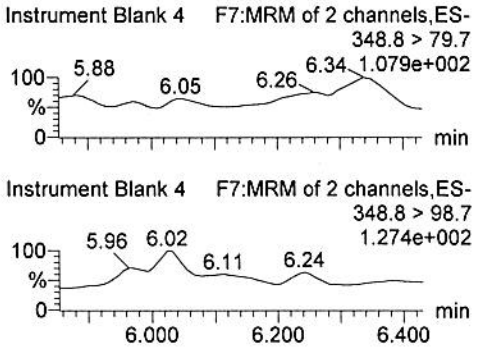
PFHpA



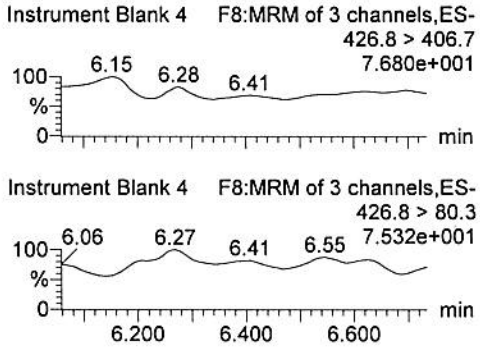
PFHpA (M+4)



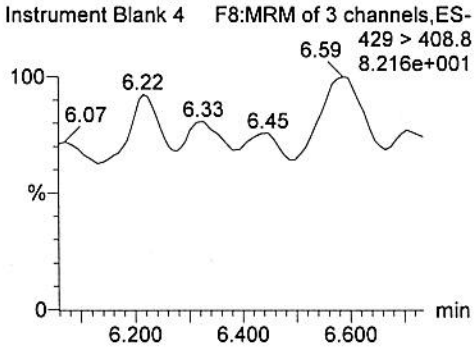
PFPeS



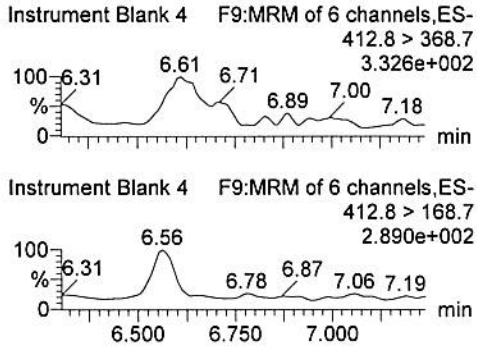
6:2 FTS



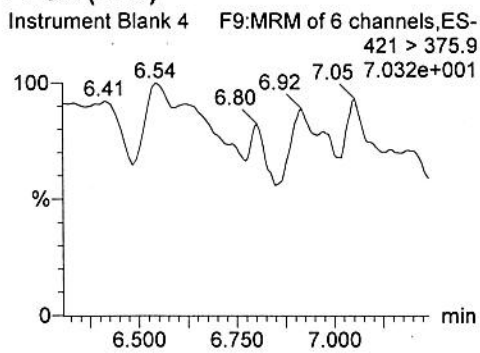
6:2 FTS (M+2)



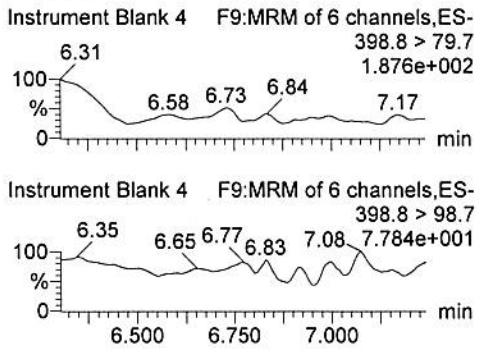
PFOA



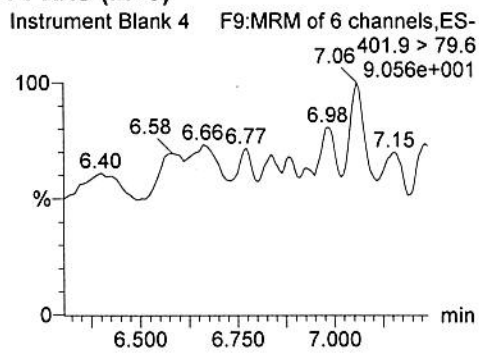
PFOA (M+8)



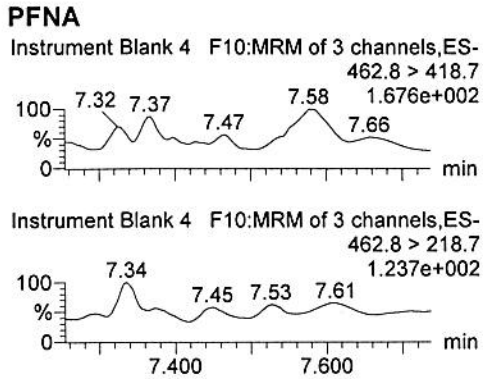
PFHxS



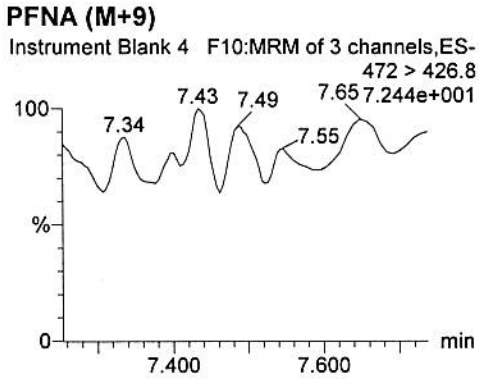
PFHxS (M+3)



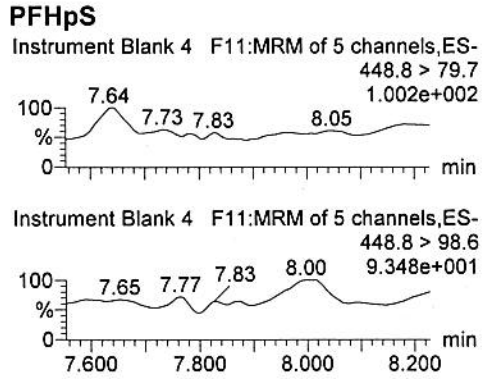
PFNA



PFNA (M+9)



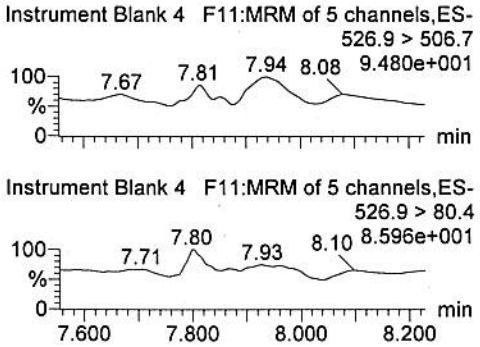
PFHpS



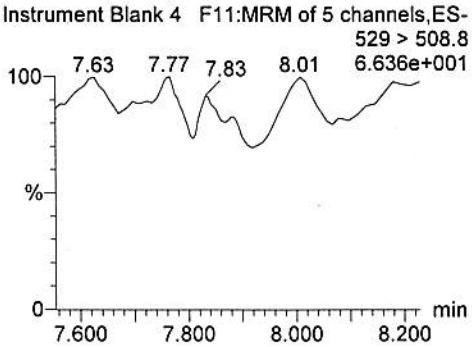
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_BATCH_1804006.qld
Last Altered: Monday, April 23, 2018 10:22:20 Eastern Daylight Time
Printed: Monday, April 23, 2018 10:39:21 Eastern Daylight Time

Name: 20180410_Instrument Blank 4, Date: 10-Apr-2018, Time: 13:04:46, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

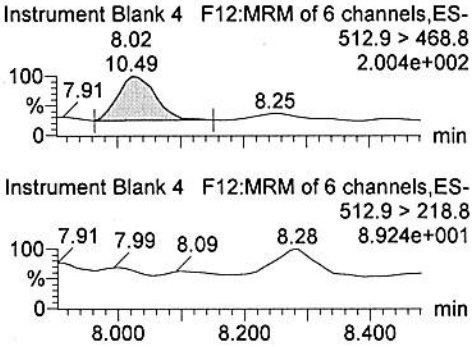
8:2 FTS



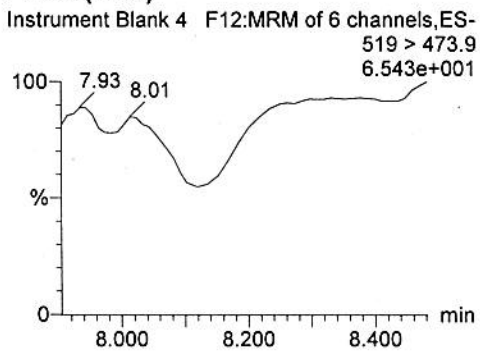
8:2 FTS (M+2)



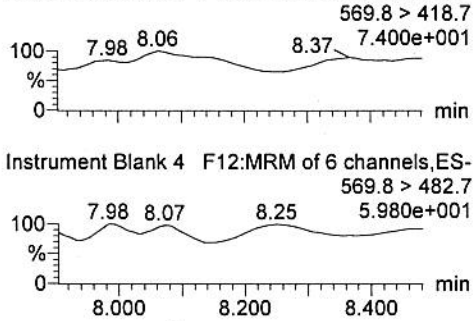
PFDA



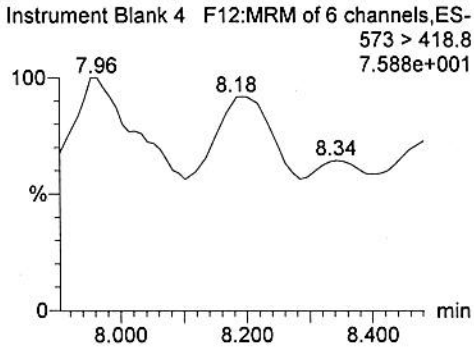
PFDA (M+6)



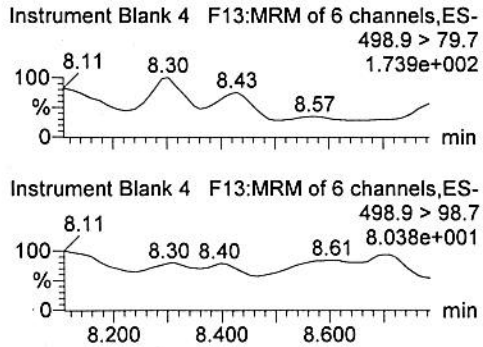
N-MeFOSAA



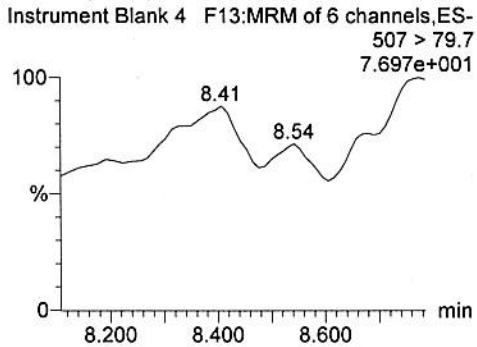
N-MeFOSAA (M+3)



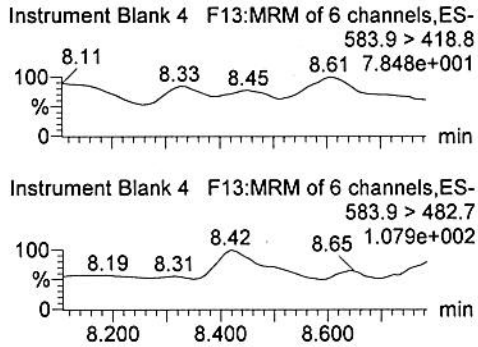
PFOS



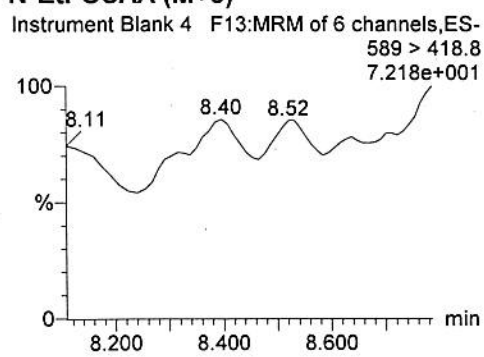
PFOS (M+8)



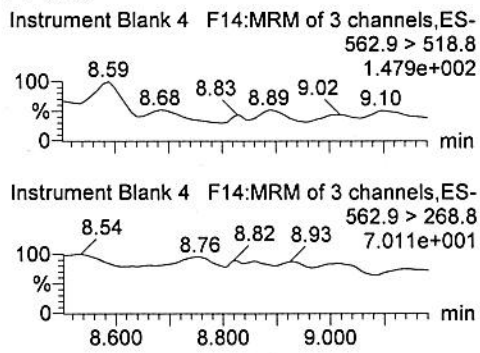
N-EtFOSAA



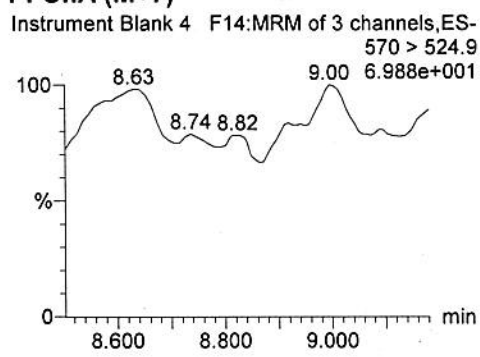
N-EtFOSAA (M+5)



PFUnA



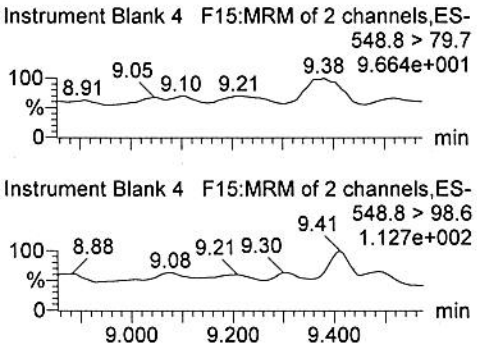
PFUnA (M+7)



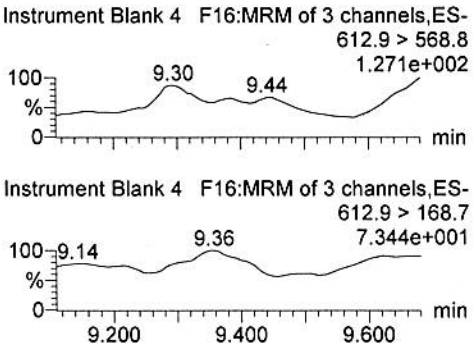
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_BATCH_1804006.qld
Last Altered: Monday, April 23, 2018 10:22:20 Eastern Daylight Time
Printed: Monday, April 23, 2018 10:39:21 Eastern Daylight Time

Name: 20180410_Instrument Blank 4, Date: 10-Apr-2018, Time: 13:04:46, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

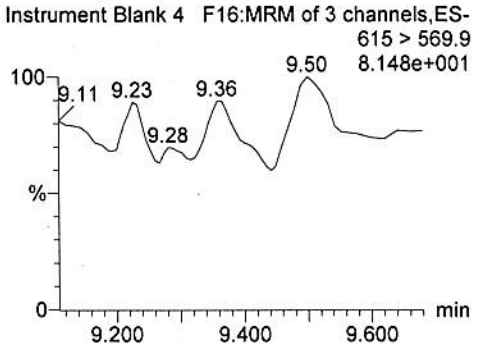
PFNS



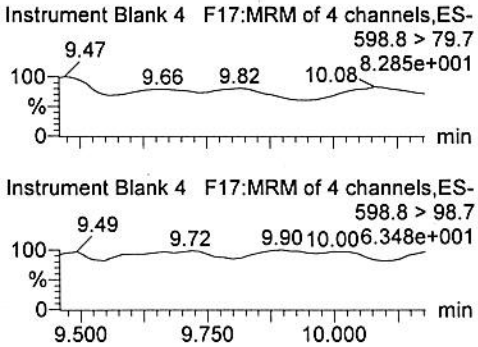
PFDoA



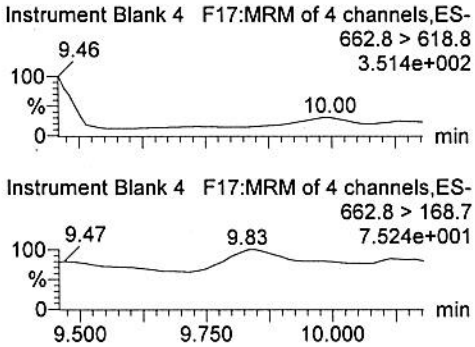
PFDoA (M+2)



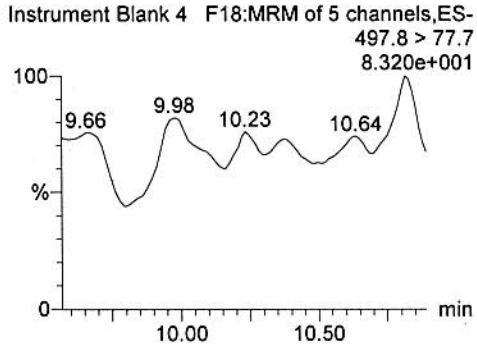
PFDS



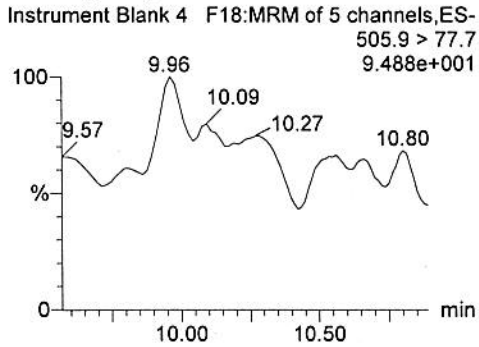
PFTrA



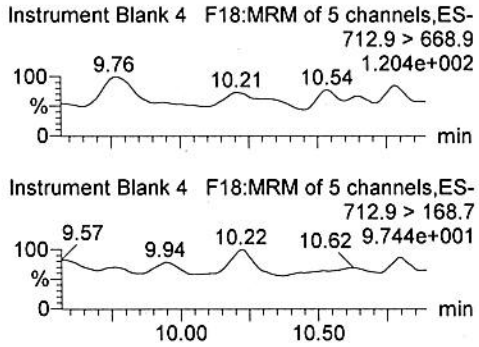
FOSA



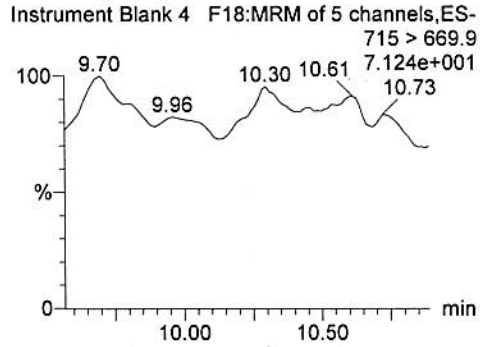
FOSA (M+8)



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_BATCH_1804006.qld
Last Altered: Monday, April 23, 2018 10:22:20 Eastern Daylight Time
Printed: Monday, April 23, 2018 10:39:21 Eastern Daylight Time

Name: 20180410_Instrument Blank 4, Date: 10-Apr-2018, Time: 13:04:46, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.90	2.86	0.998	12.8	1.075	XFt	12.771	bb			
PFBA (M+4)	2.89		0.998								
PFPeA	3.73		0.999								
PFPeA (M+5)	3.72		0.999								
4:2 FTS	4.43		0.997						1.632		
4:2 FTS (M+2)	4.43		0.998								
PFHxA	4.72	4.70	0.998	11.9	0.6592	XFt	11.862	bb	22.751		
PFHxA (M+5)	4.72		0.998								
PFBS	4.91		0.997						2.147		
PFBS (M+3)	4.91		0.999								
HFPO-DA	5.08		0.993						1.720		
HFPO-DA (M+3)	5.09		0.990								
PFHpA	5.69	5.71	0.998	13.2	0.5358	XFt	13.206	db	3.390		
PFHpA (M+4)	5.69		0.998								
PFPeS	5.97		0.999						2.226		
6:2 FTS	6.23		0.996						1.154		
6:2 FTS (M+2)	6.23		0.997								
PFOA	6.56		0.998						2.382		
PFOA (M+8)	6.55		0.999								
PFHxS	6.90		0.997						1.697		
PFHxS (M+3)	6.90		0.998								
PFNA	7.33		0.999						2.576		
PFNA (M+9)	7.32		0.999								
PFHpS	7.71		0.999						1.979		
8:2 FTS	7.70		0.995						1.092		
8:2 FTS (M+2)	7.70		0.996								
PFDA	8.02	8.02	0.998	10.5	6.477	XFt	10.492	bb	3.514		
PFDA (M+6)	8.02		0.999								
N-MeFOSAA	8.15		0.987						1.143		
N-MeFOSAA (M+3)	8.14		0.975								
PFOS	8.43		0.997						2.253		
PFOS (M+8)	8.43		0.997								
N-EtFOSAA	8.43		0.996						1.604		
N-EtFOSAA (M+5)	8.41		0.996								
PFUnA	8.66		0.997						4.173		
PFUnA (M+7)	8.66		0.998								
PFNS	9.08		0.999						1.976		
PFDoA	9.26		0.993						4.930		
PFDoA (M+2)	9.26		0.995								
PFDS	9.68		0.993						2.570		
PFTrA	9.82		0.968						3.721		
FOSA	9.95		0.997								
FOSA (M+8)	9.95		0.999								
PFTeA	10.37		0.993						3.077		
PFTeA (M+2)	10.36		0.987								

Ft=false positive

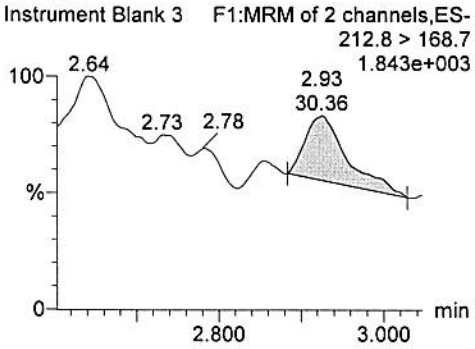
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 10:34:13 Eastern Daylight Time
Printed: Friday, April 27, 2018 10:34:55 Eastern Daylight Time

JG 4/27/18
4/27/18

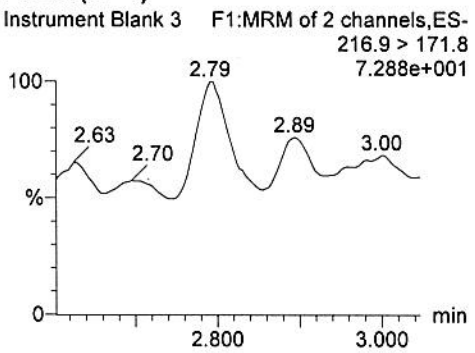
Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180411.mdb 23 Apr 2018 14:26:28
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180411.cdb 24 Apr 2018 09:38:04

Name: 20180411_Instrument Blank 3, Date: 12-Apr-2018, Time: 21:06:22, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

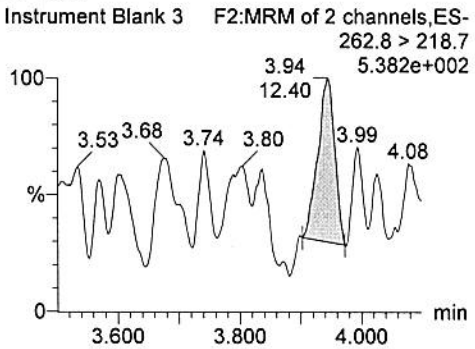
PFBA



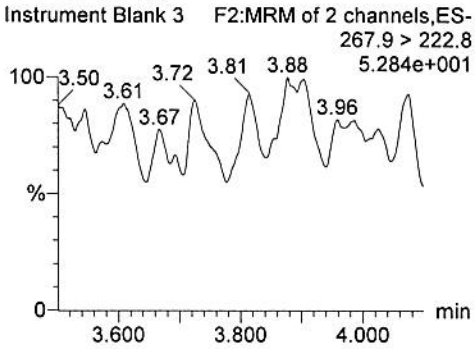
PFBA (M+4)



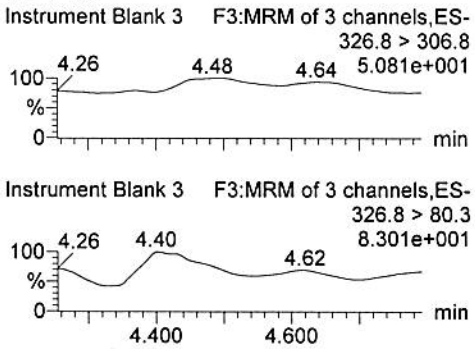
PFPeA



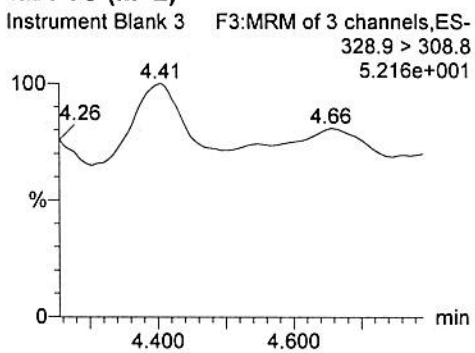
PFPeA (M+5)



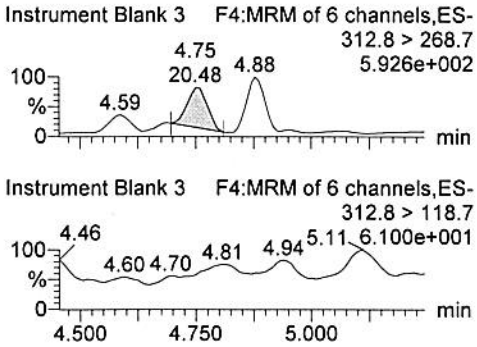
4:2 FTS



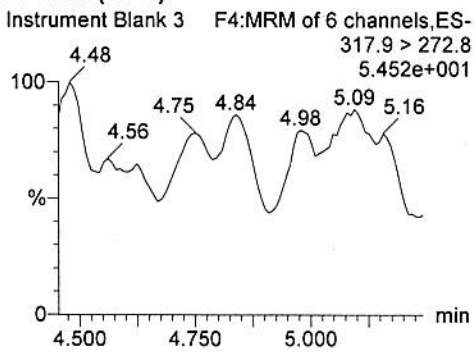
4:2 FTS (M+2)



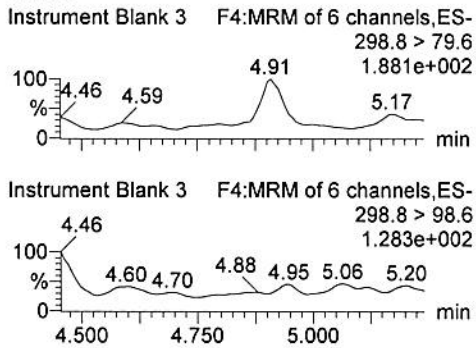
PFHxA



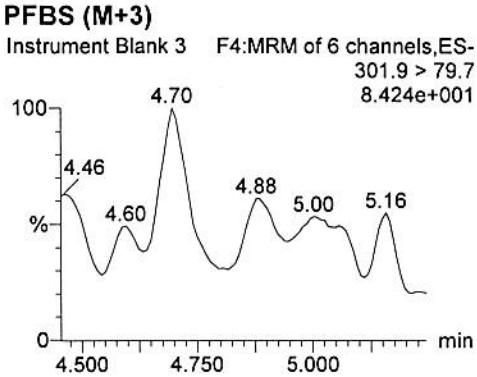
PFHxA (M+5)



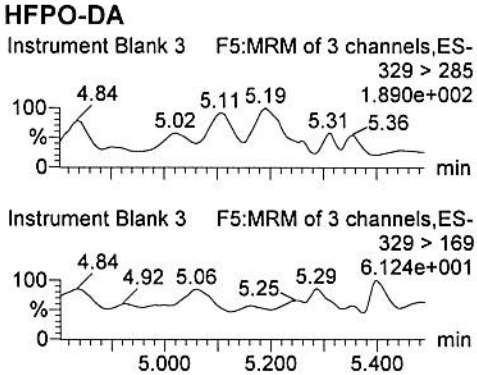
PFBS



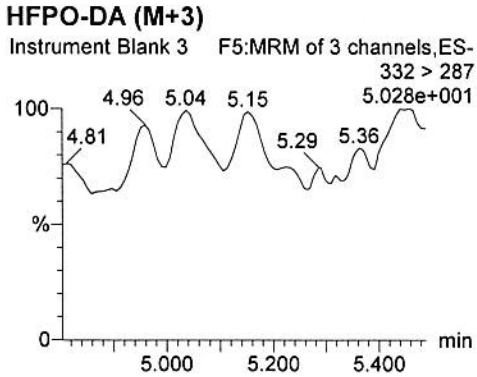
PFBS (M+3)



HFPO-DA



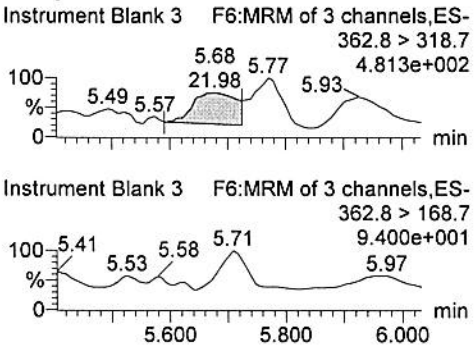
HFPO-DA (M+3)



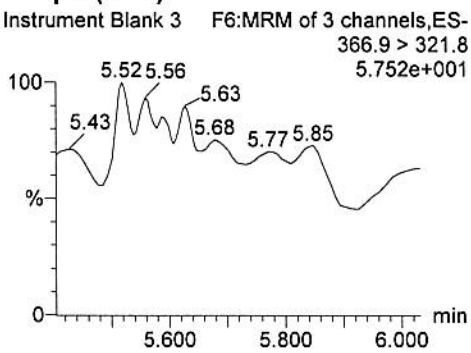
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 10:34:13 Eastern Daylight Time
Printed: Friday, April 27, 2018 10:34:55 Eastern Daylight Time

Name: 20180411_Instrument Blank 3, Date: 12-Apr-2018, Time: 21:06:22, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

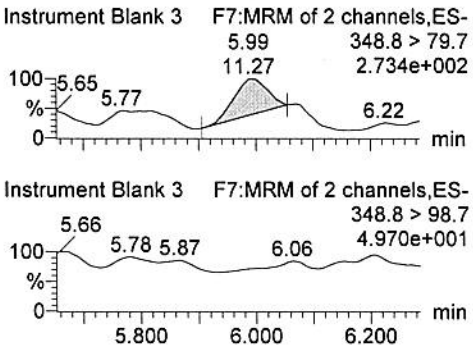
PFHpA



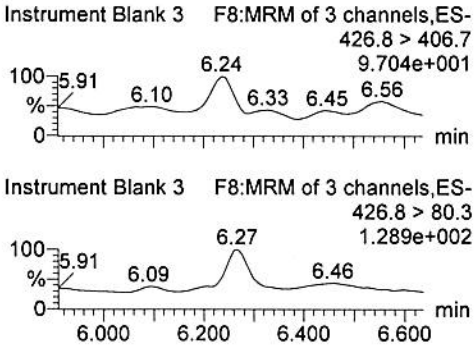
PFHpA (M+4)



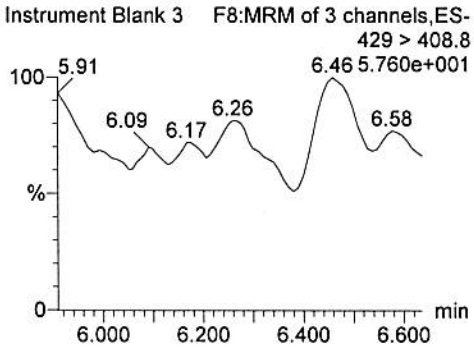
PFPeS



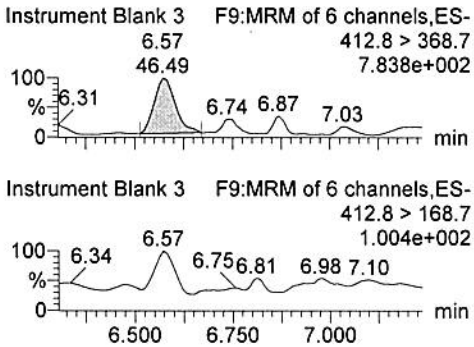
6:2 FTS



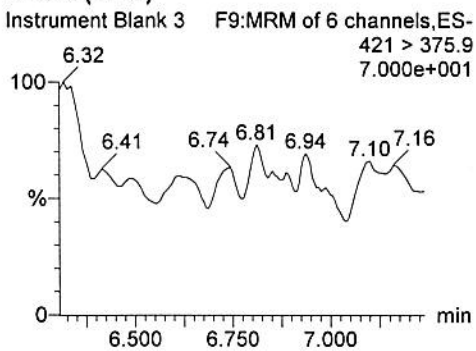
6:2 FTS (M+2)



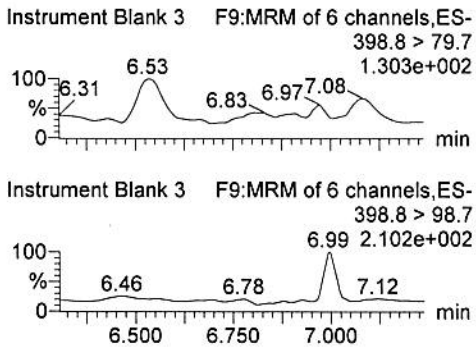
PFOA



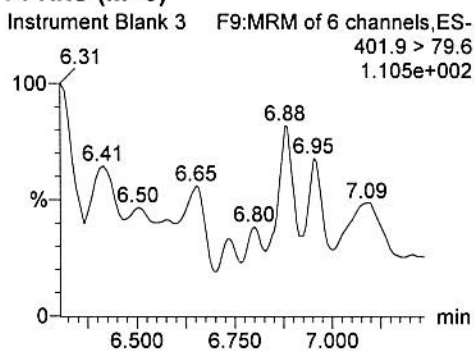
PFOA (M+8)



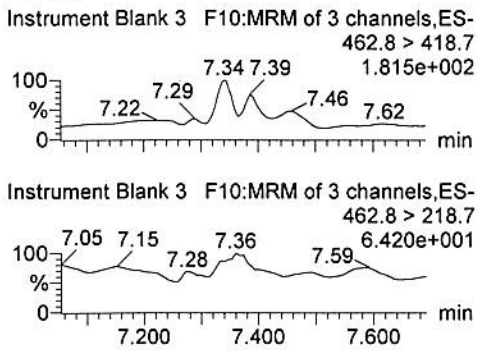
PFHxS



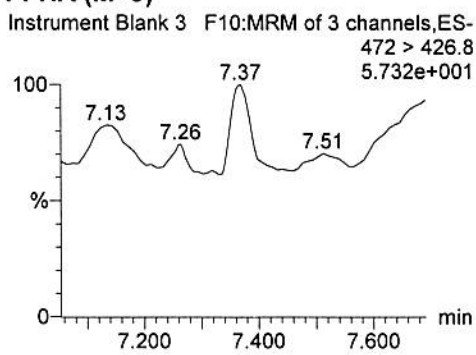
PFHxS (M+3)



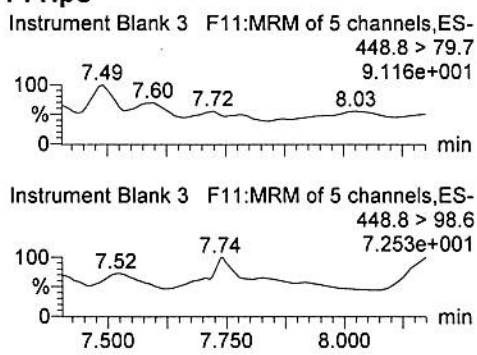
PFNA



PFNA (M+9)



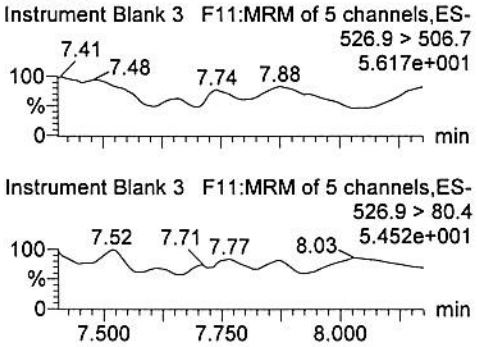
PFHpS



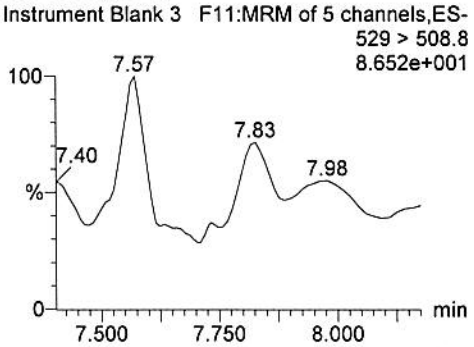
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 10:34:13 Eastern Daylight Time
Printed: Friday, April 27, 2018 10:34:55 Eastern Daylight Time

Name: 20180411_Instrument Blank 3, Date: 12-Apr-2018, Time: 21:06:22, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

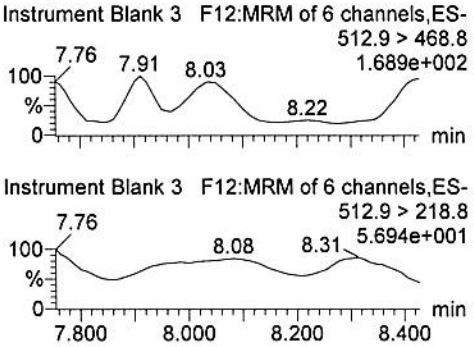
8:2 FTS



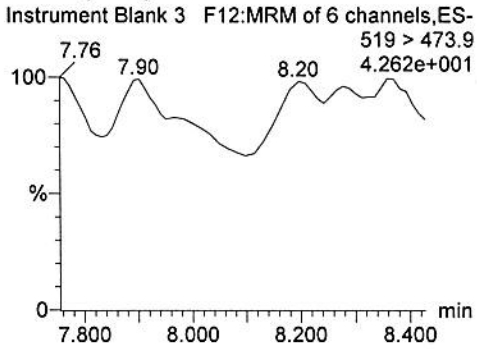
8:2 FTS (M+2)



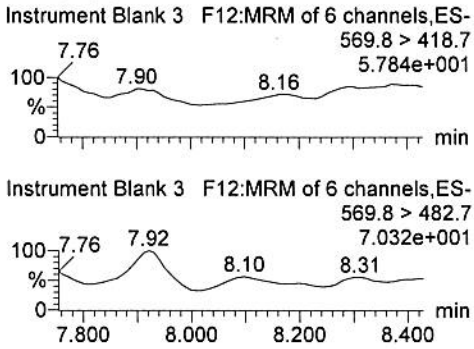
PFDA



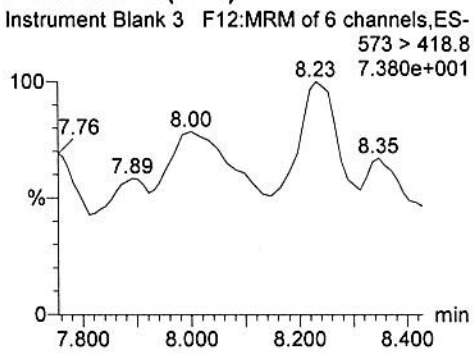
PFDA (M+6)



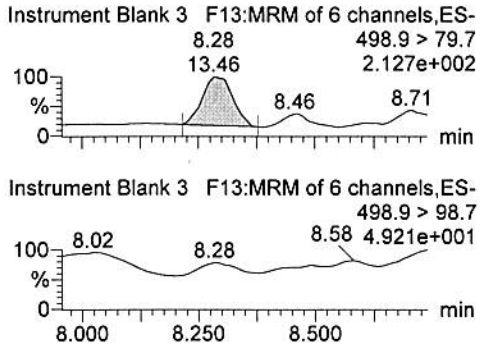
N-MeFOSAA



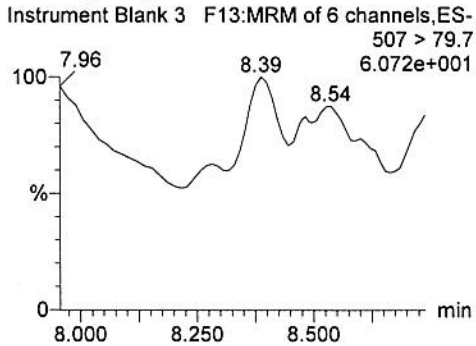
N-MeFOSAA (M+3)



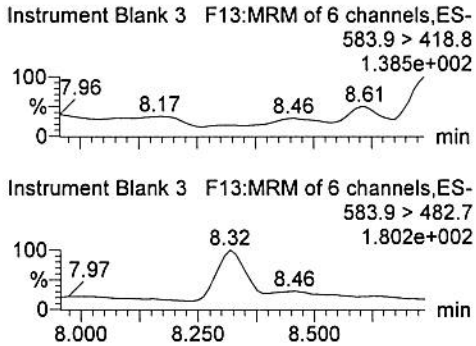
PFOS



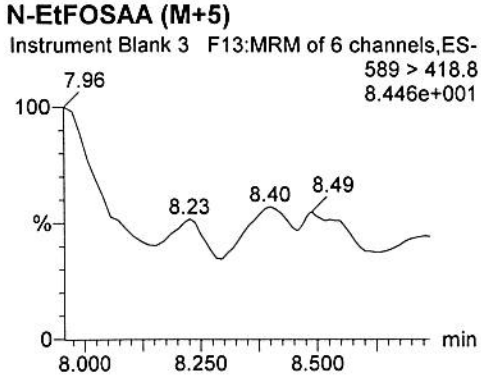
PFOS (M+8)



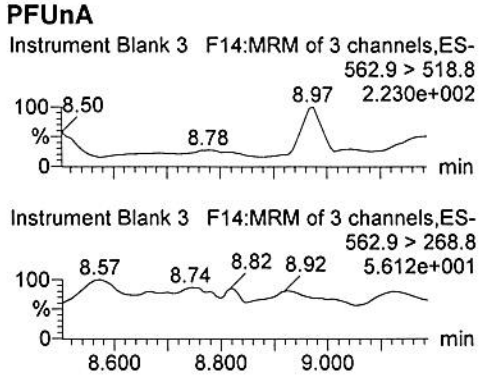
N-EtFOSAA



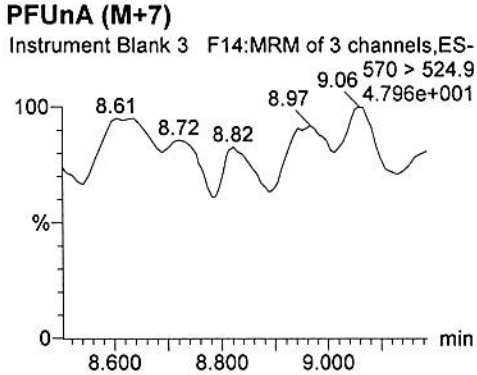
N-EtFOSAA (M+5)



PFUnA



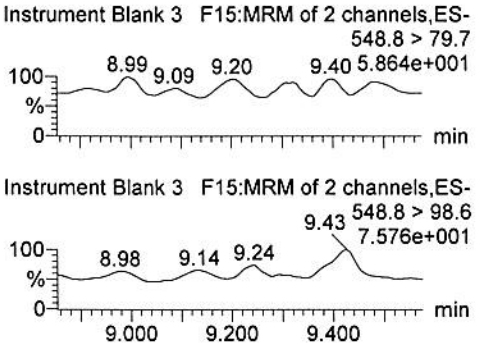
PFUnA (M+7)



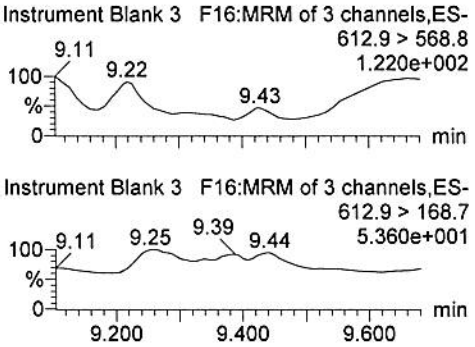
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 10:34:13 Eastern Daylight Time
Printed: Friday, April 27, 2018 10:34:55 Eastern Daylight Time

Name: 20180411_Instrument Blank 3, Date: 12-Apr-2018, Time: 21:06:22, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

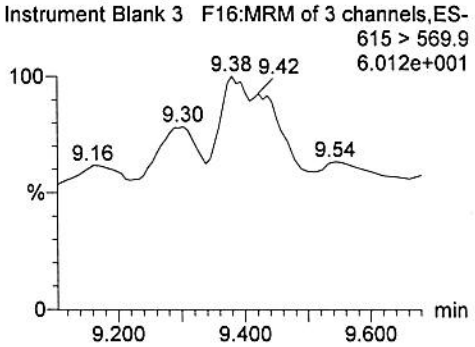
PFNS



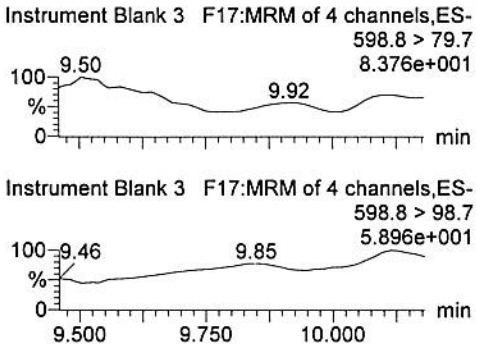
PFDoA



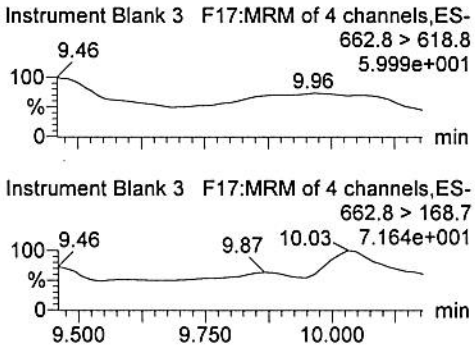
PFDoA (M+2)



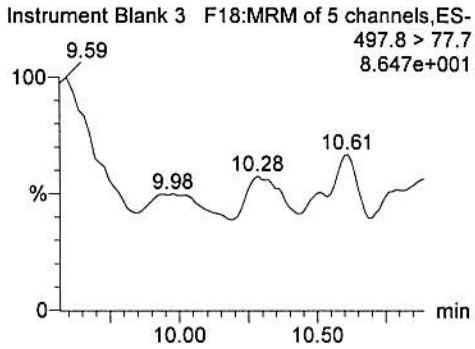
PFDS



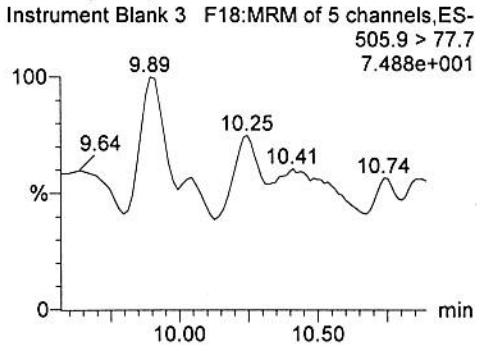
PFTrA



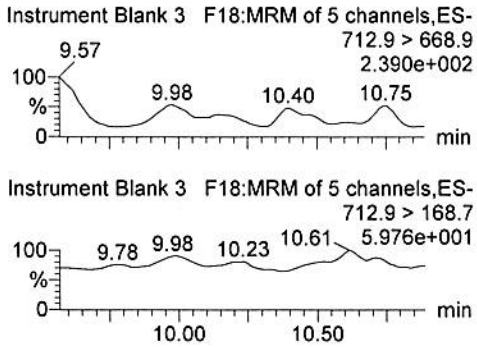
FOSA



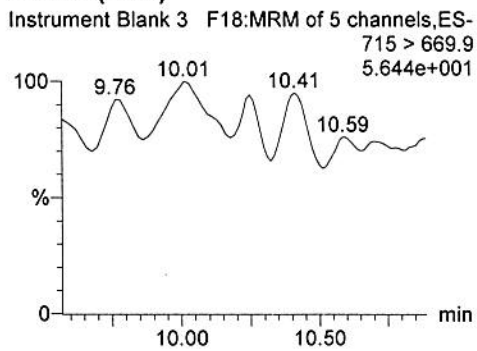
FOSA (M+8)



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 10:34:13 Eastern Daylight Time
Printed: Friday, April 27, 2018 10:34:55 Eastern Daylight Time

Name: 20180411_Instrument Blank 3, Date: 12-Apr-2018, Time: 21:06:22, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.90	2.93	0.998	30.4	0.8908	XFt	30.359	bb			
PFBA (M+4)	2.90		0.998								
PFPeA	3.73	3.94	0.999	12.4	1.082	XFt	12.405	bb			
PFPeA (M+5)	3.73		0.998								
4:2 FTS	4.43		0.998						1.478		
4:2 FTS (M+2)	4.43		0.997								
PFHxA	4.73	4.75	0.997	20.5	7.994	XFt	20.475	bb	17.678		
PFHxA (M+5)	4.73		0.998								
PFBS	4.91		0.998						2.666		
PFBS (M+3)	4.91		0.998								
HFPO-DA	5.09		0.984						1.664		
HFPO-DA (M+3)	5.09		0.993								
PFHpA	5.70	5.68	0.998	22.0	2.161	XFt	21.984	bd	3.777		
PFHpA (M+4)	5.69		0.999								
PFPeS	5.98	5.99	0.999	11.3	1.141	XFt	11.272	bb	2.394		
6:2 FTS	6.24		0.998						1.210		
6:2 FTS (M+2)	6.24		0.998								
PFOA	6.56	6.57	0.998	46.5			46.493	bbl	2.739		
PFOA (M+8)	6.56		0.996								
PFHxS	6.90		0.999						1.693		
PFHxS (M+3)	6.90		0.998								
PFNA	7.33		0.999						2.801		
PFNA (M+9)	7.33		0.999								
PFHpS	7.72		0.998						2.170		
8:2 FTS	7.71		0.997						1.149		
8:2 FTS (M+2)	7.71		0.997								
PFDA	8.03		0.997						3.228		
PFDA (M+6)	8.03		0.976								
N-MeFOSAA	8.15		0.994						1.574		
N-MeFOSAA (M+3)	8.15		0.990								
PFOS	8.44	8.28	0.997	13.5	4.428	XFt	13.459	bb	2.320		
PFOS (M+8)	8.43		0.997								
N-EtFOSAA	8.44		0.994						1.366		
N-EtFOSAA (M+5)	8.43		0.994								
PFUnA	8.67		0.994						4.079		
PFUnA (M+7)	8.67		0.998								
PFNS	9.09		0.998						2.310		
PFDoA	9.27		0.996						5.713		
PFDoA (M+2)	9.27		0.996								
PFDS	9.68		0.999						2.154		
PFTrA	9.83		0.985						6.574		
FOSA	10.01		0.995								
FOSA (M+8)	10.01		0.996								
PFTeA	10.37		0.986						2.347		
PFTeA (M+2)	10.37		0.989								

F = false positive

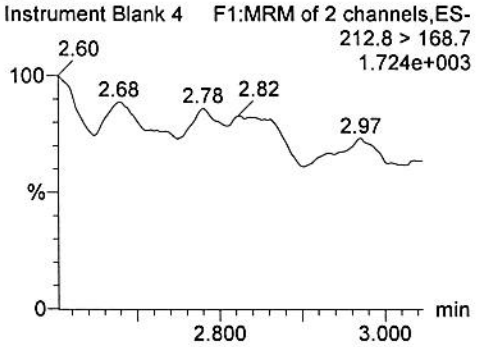
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 10:34:13 Eastern Daylight Time
Printed: Friday, April 27, 2018 10:34:55 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180411.mdb 23 Apr 2018 14:26:28
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180411.cdb 24 Apr 2018 09:38:04

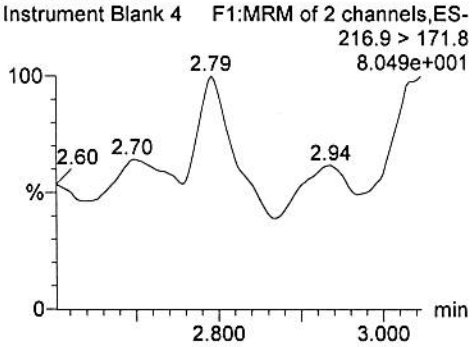
JG 4/27/18
JY 4/27/18

Name: 20180411_Instrument Blank 4, Date: 12-Apr-2018, Time: 21:28:49, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

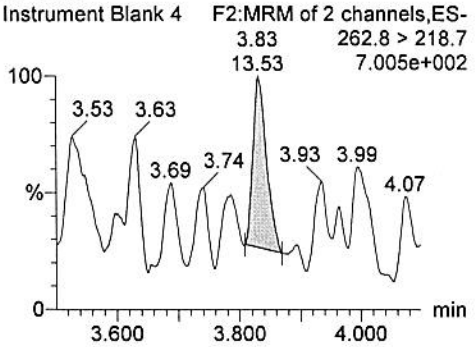
PFBA



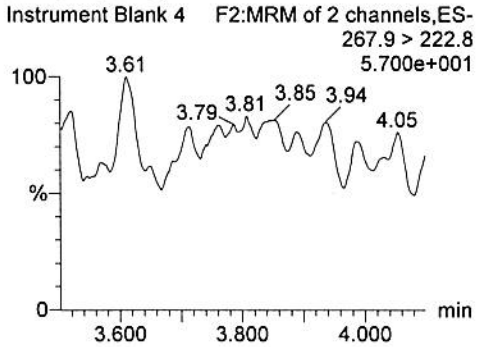
PFBA (M+4)



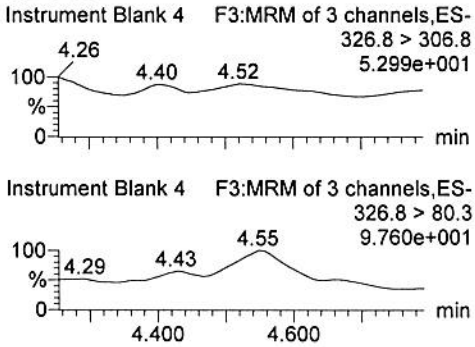
PFPeA



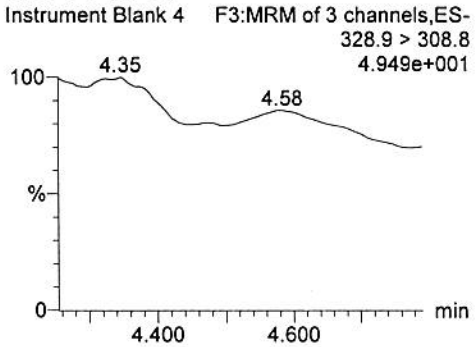
PFPeA (M+5)



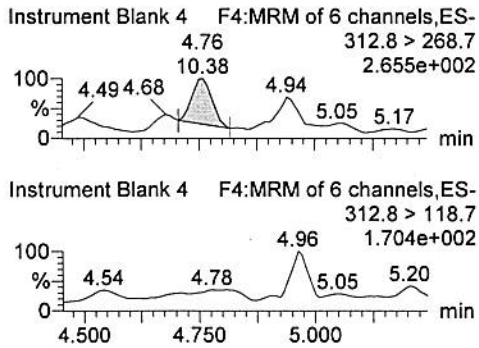
4:2 FTS



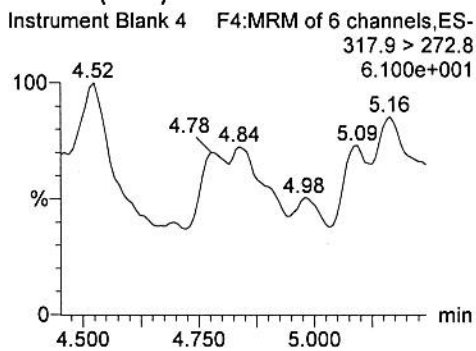
4:2 FTS (M+2)



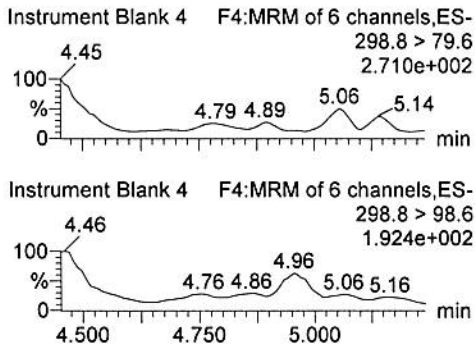
PFHxA



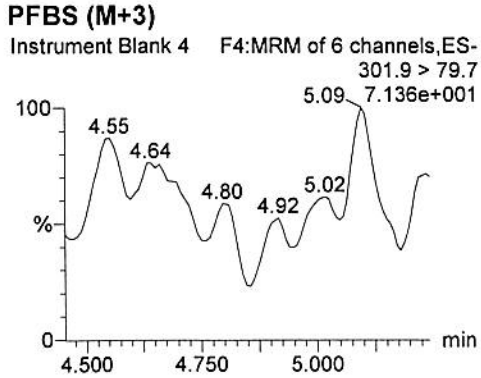
PFHxA (M+5)



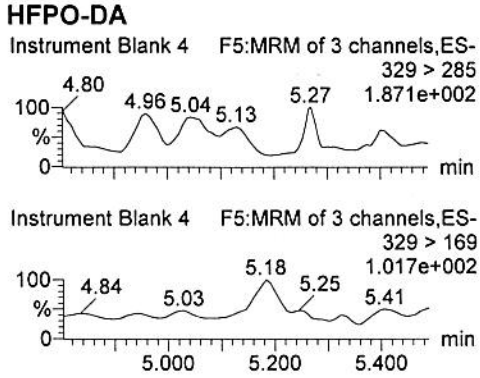
PFBS



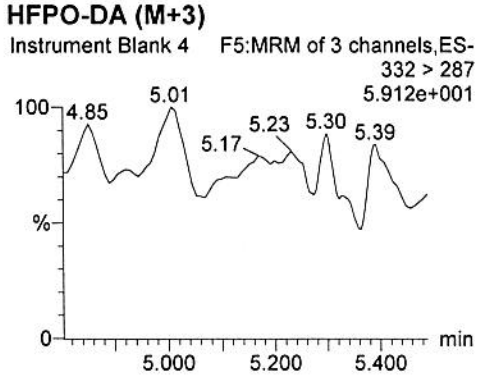
PFBS (M+3)



HFPO-DA



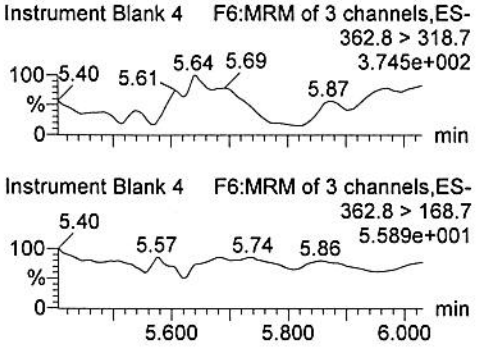
HFPO-DA (M+3)



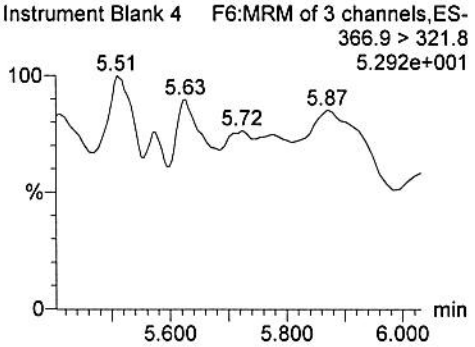
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 10:34:13 Eastern Daylight Time
Printed: Friday, April 27, 2018 10:34:55 Eastern Daylight Time

Name: 20180411_Instrument Blank 4, Date: 12-Apr-2018, Time: 21:28:49, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

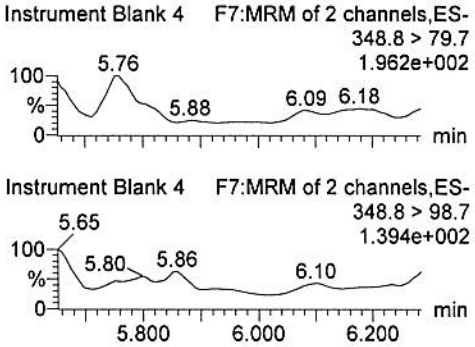
PFHpA



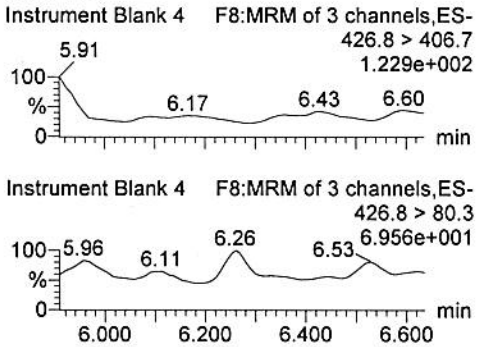
PFHpA (M+4)



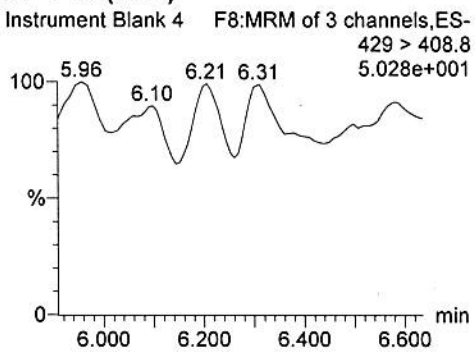
PFPeS



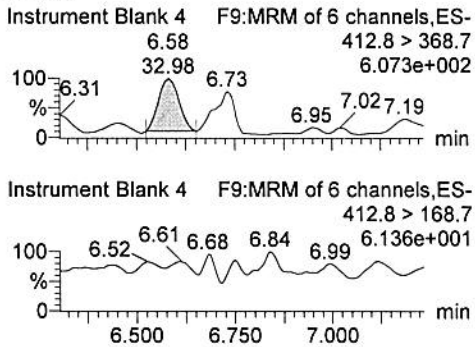
6:2 FTS



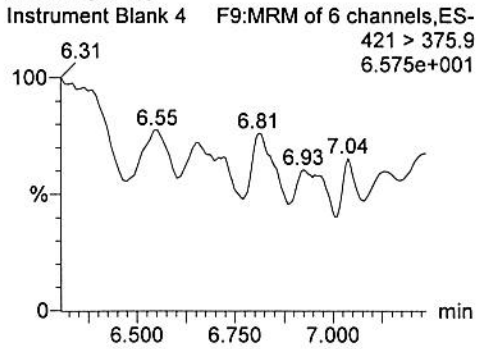
6:2 FTS (M+2)



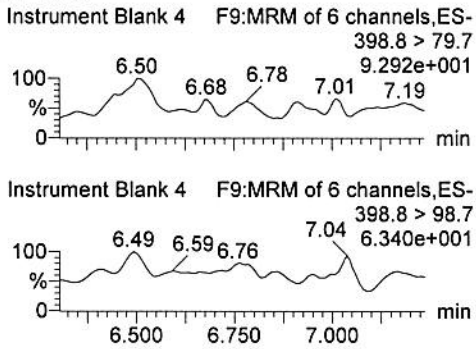
PFOA



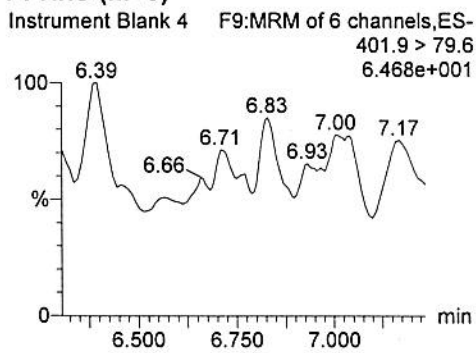
PFOA (M+8)



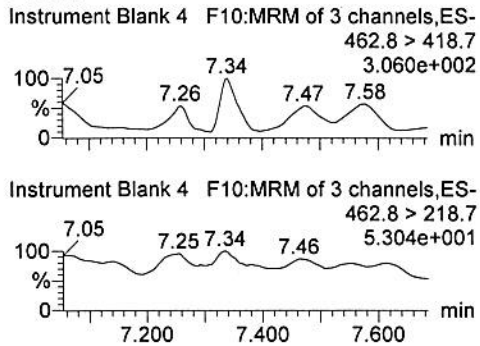
PFHxS



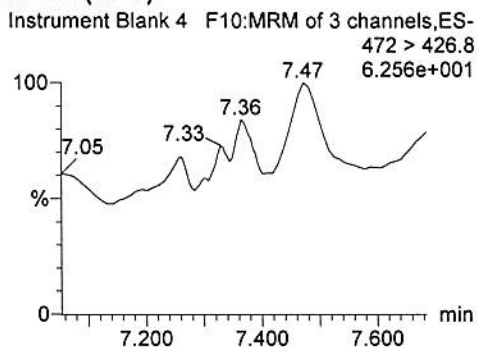
PFHxS (M+3)



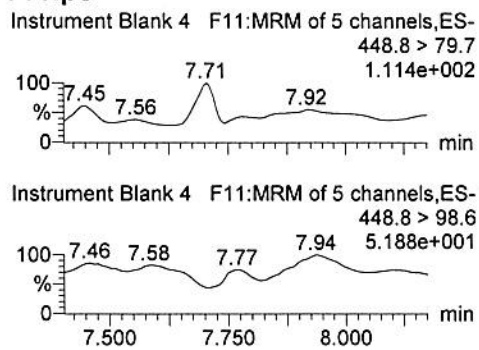
PFNA



PFNA (M+9)



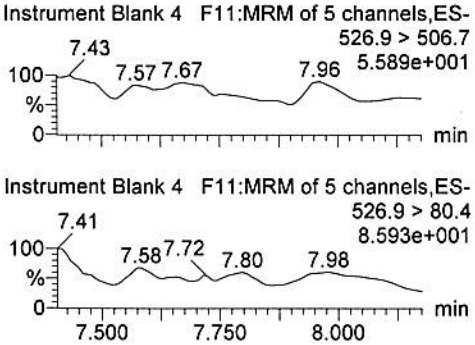
PFHpS



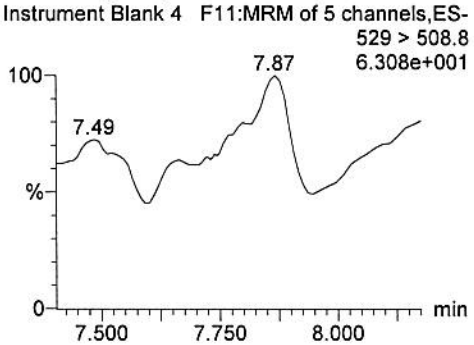
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 10:34:13 Eastern Daylight Time
Printed: Friday, April 27, 2018 10:34:55 Eastern Daylight Time

Name: 20180411_Instrument Blank 4, Date: 12-Apr-2018, Time: 21:28:49, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

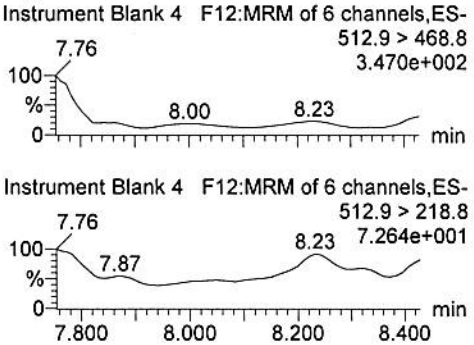
8:2 FTS



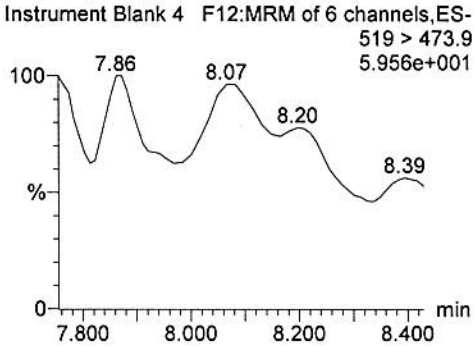
8:2 FTS (M+2)



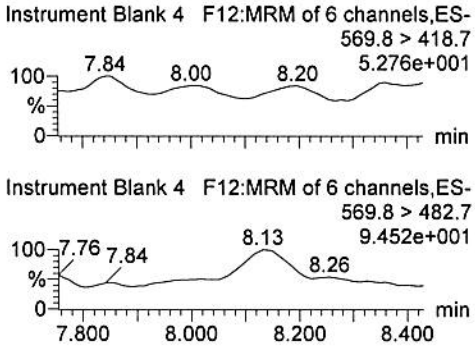
PFDA



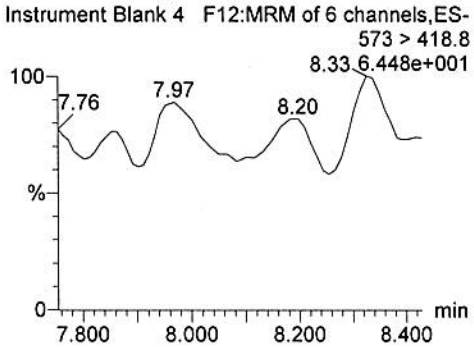
PFDA (M+6)



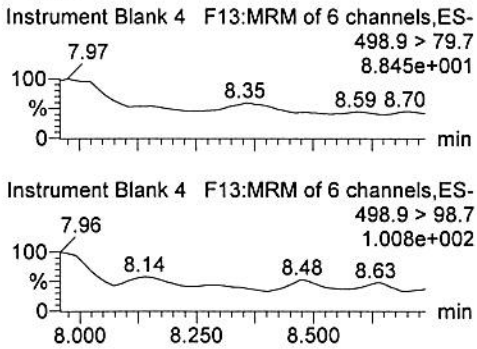
N-MeFOSAA



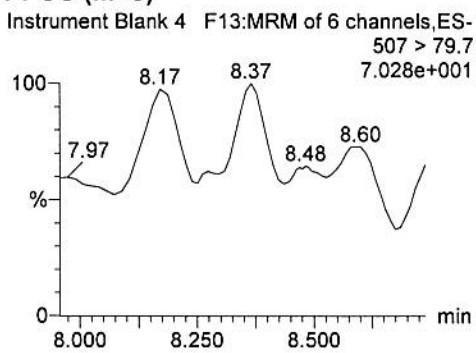
N-MeFOSAA (M+3)



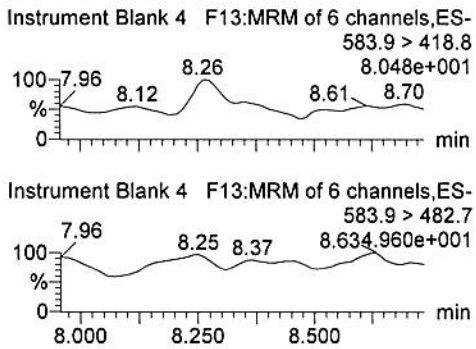
PFOS



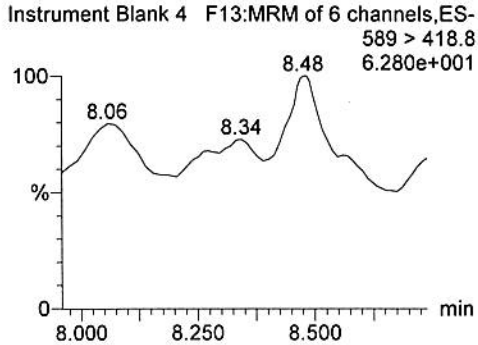
PFOS (M+8)



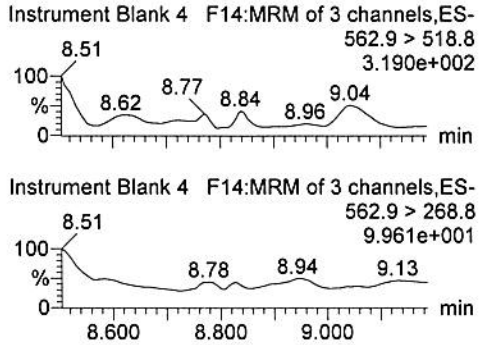
N-EtFOSAA



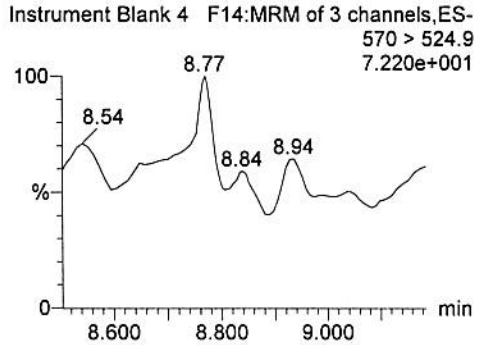
N-EtFOSAA (M+5)



PFUnA



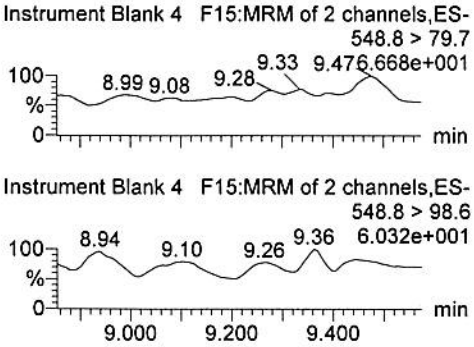
PFUnA (M+7)



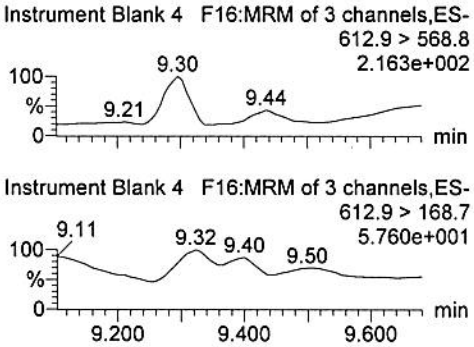
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 10:34:13 Eastern Daylight Time
Printed: Friday, April 27, 2018 10:34:55 Eastern Daylight Time

Name: 20180411_Instrument Blank 4, Date: 12-Apr-2018, Time: 21:28:49, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

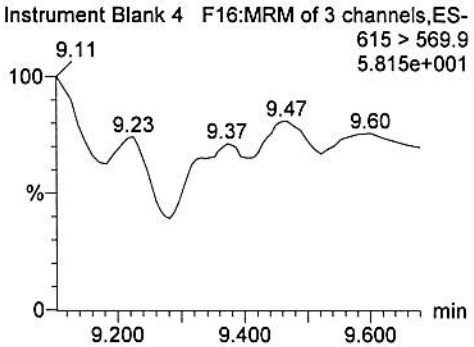
PFNS



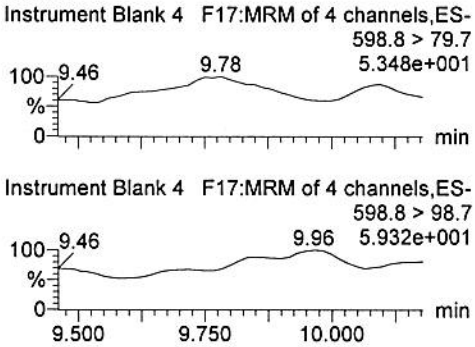
PFDoA



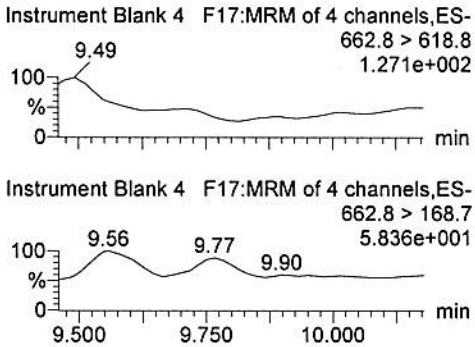
PFDoA (M+2)



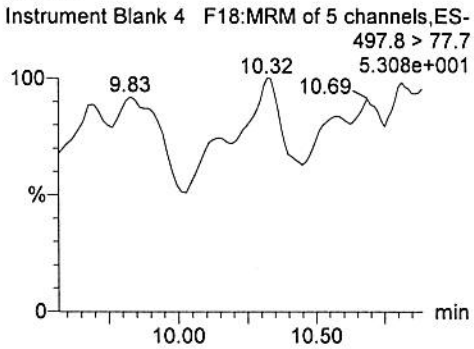
PFDS



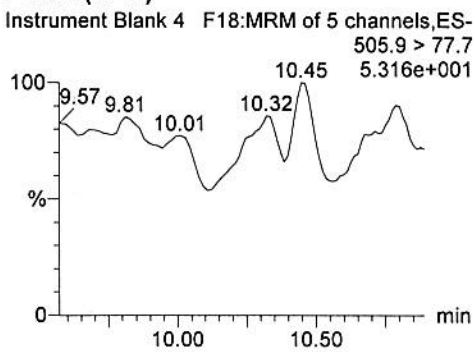
PFTrA



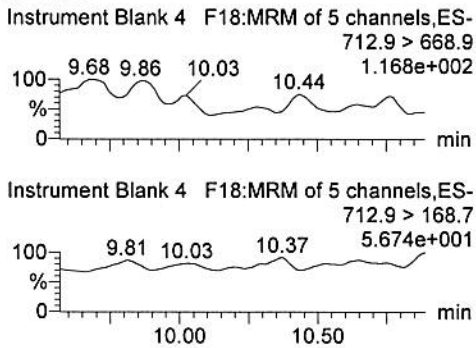
FOSA



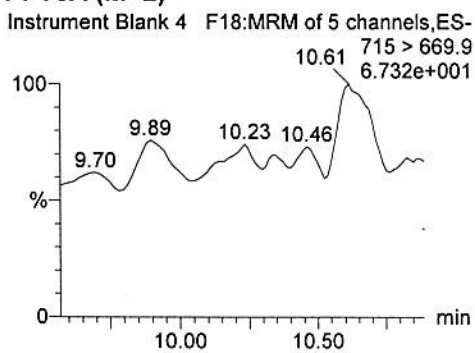
FOSA (M+8)



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 10:34:13 Eastern Daylight Time
Printed: Friday, April 27, 2018 10:34:55 Eastern Daylight Time

Name: 20180411_Instrument Blank 4, Date: 12-Apr-2018, Time: 21:28:49, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.90		0.998								
PFBA (M+4)	2.90		0.998								
PFPeA	3.73	3.83	0.999	13.5	1.152	XFt	13.529	bb			
PFPeA (M+5)	3.73		0.998								
4:2 FTS	4.43		0.998						1.478		
4:2 FTS (M+2)	4.43		0.997								
PFHxA	4.73	4.76	0.997	10.4	7.344	XFt	10.380	bb	17.678		
PFHxA (M+5)	4.73		0.998								
PFBS	4.91		0.998						2.666		
PFBS (M+3)	4.91		0.998								
HFPO-DA	5.09		0.984						1.664		
HFPO-DA (M+3)	5.09		0.993								
PFHpA	5.70		0.998						3.777		
PFHpA (M+4)	5.69		0.999								
PFPeS	5.98		0.999						2.394		
6:2 FTS	6.24		0.998						1.210		
6:2 FTS (M+2)	6.24		0.998								
PFOA	6.56	6.58	0.998	33.0			32.977	bbl	2.739		
PFOA (M+8)	6.56		0.996								
PFHxS	6.90		0.999						1.693		
PFHxS (M+3)	6.90		0.998								
PFNA	7.33		0.999						2.801		
PFNA (M+9)	7.33		0.999								
PFHpS	7.72		0.998						2.170		
8:2 FTS	7.71		0.997						1.149		
8:2 FTS (M+2)	7.71		0.997								
PFDA	8.03		0.997						3.228		
PFDA (M+6)	8.03		0.976								
N-MeFOSAA	8.15		0.994						1.574		
N-MeFOSAA (M+3)	8.15		0.990								
PFOS	8.44		0.997						2.320		
PFOS (M+8)	8.43		0.997								
N-EtFOSAA	8.44		0.994						1.366		
N-EtFOSAA (M+5)	8.43		0.994								
PFUnA	8.67		0.994						4.079		
PFUnA (M+7)	8.67		0.998								
PFNS	9.09		0.998						2.310		
PFDoA	9.27		0.996						5.713		
PFDoA (M+2)	9.27		0.996								
PFDS	9.68		0.999						2.154		
PFTrA	9.83		0.985						6.574		
FOSA	10.01		0.995								
FOSA (M+8)	10.01		0.996								
PFTeA	10.37		0.986						2.347		
PFTeA (M+2)	10.37		0.989								

Ft= false positive

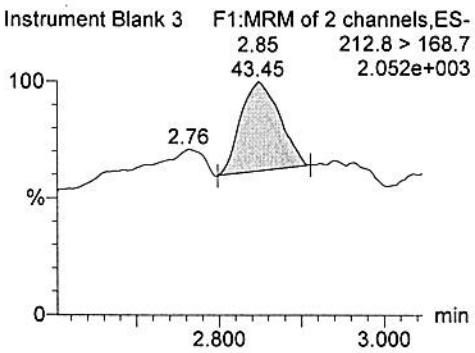
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 11:02:49 Eastern Daylight Time
Printed: Friday, April 27, 2018 11:02:56 Eastern Daylight Time

JG 4/27/18
JV 4/27/18

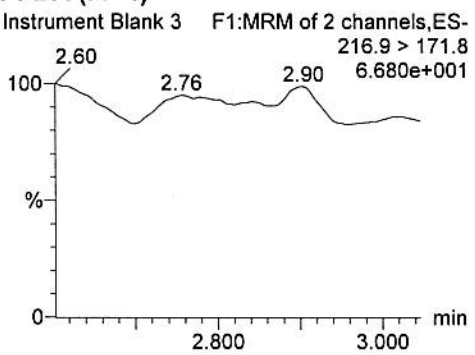
Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180425.mdb 25 Apr 2018 10:51:51
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180425.cdb 26 Apr 2018 10:20:42

Name: 20180425_Instrument Blank 3, Date: 25-Apr-2018, Time: 13:31:52, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

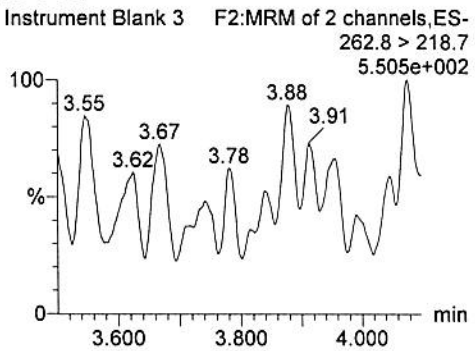
PFBA



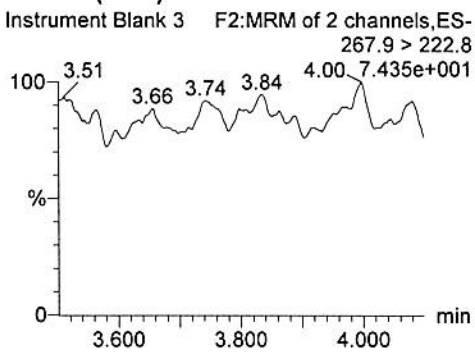
PFBA (M+4)



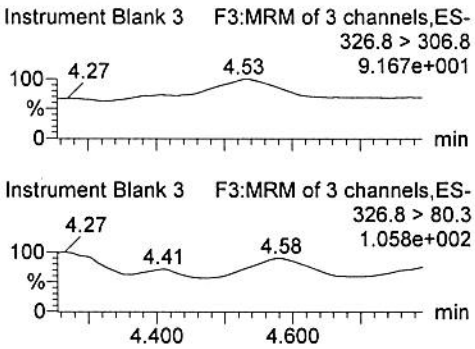
PFPeA



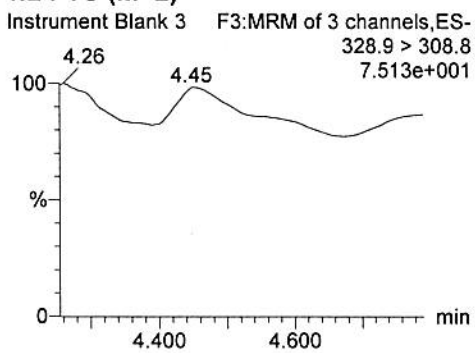
PFPeA (M+5)



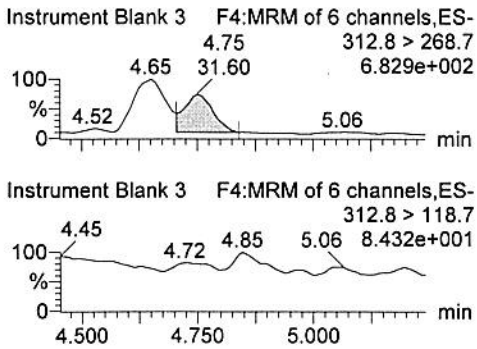
4:2 FTS



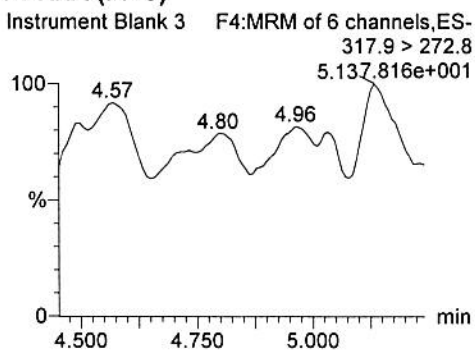
4:2 FTS (M+2)



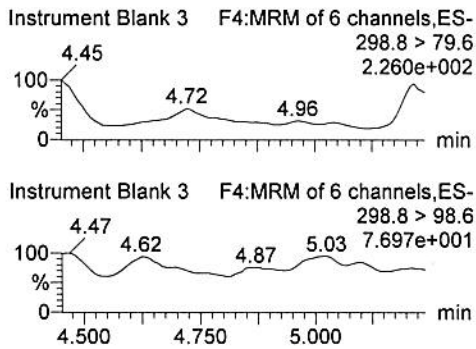
PFHxA



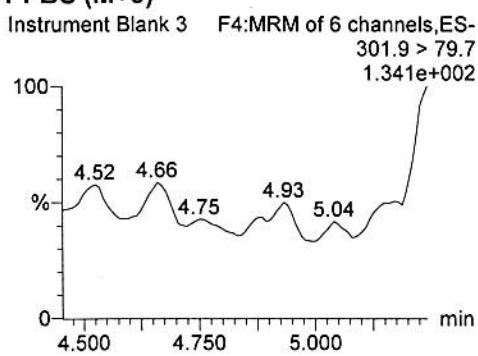
PFHxA (M+5)



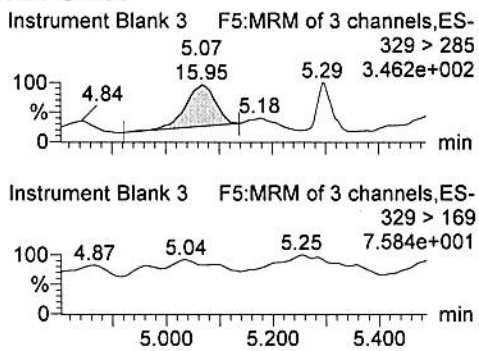
PFBS



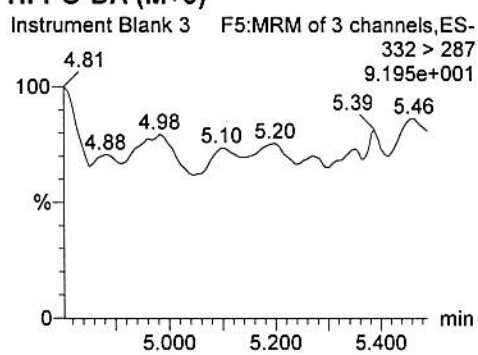
PFBS (M+3)



HFPO-DA



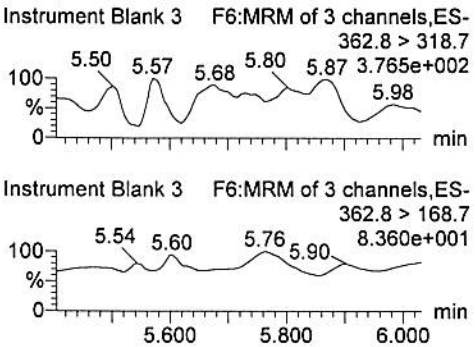
HFPO-DA (M+3)



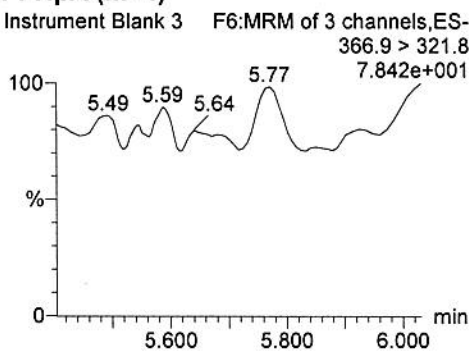
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 11:02:49 Eastern Daylight Time
Printed: Friday, April 27, 2018 11:02:56 Eastern Daylight Time

Name: 20180425_Instrument Blank 3, Date: 25-Apr-2018, Time: 13:31:52, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

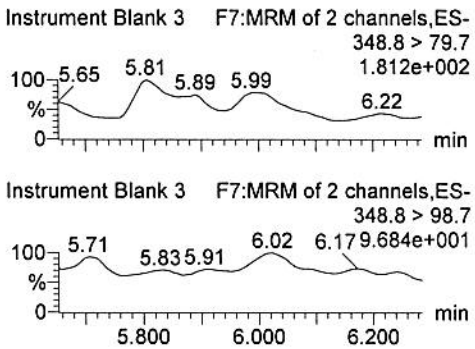
PFHpA



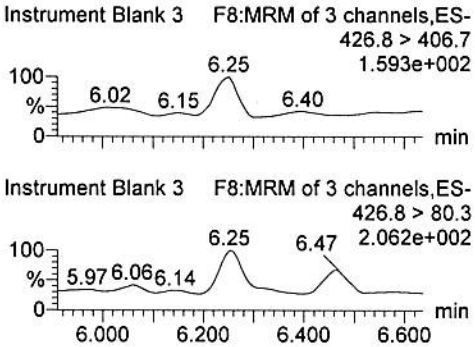
PFHpA (M+4)



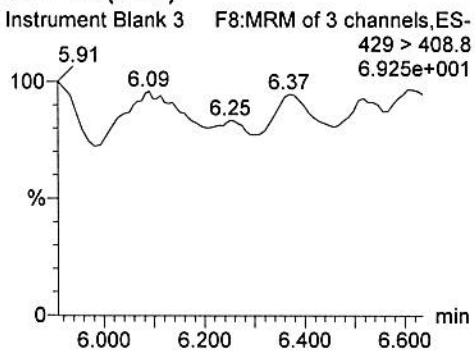
PFPeS



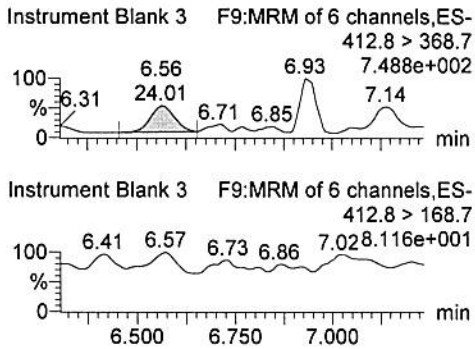
6:2 FTS



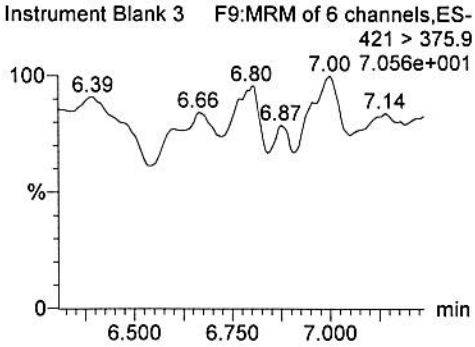
6:2 FTS (M+2)



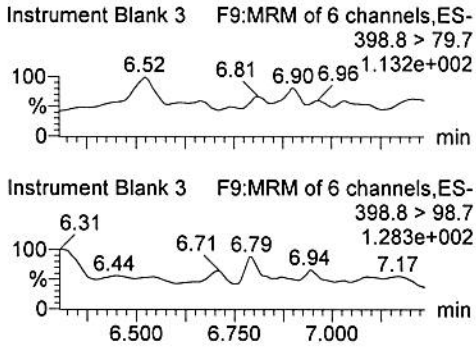
PFOA



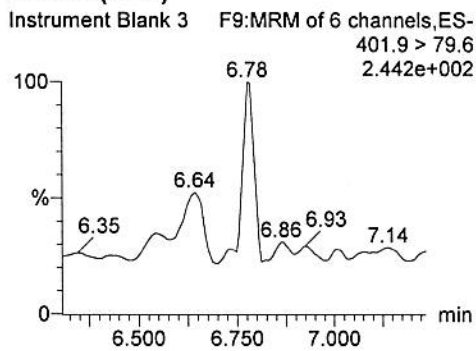
PFOA (M+8)



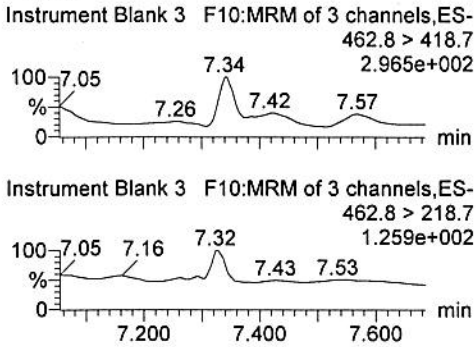
PFHxS



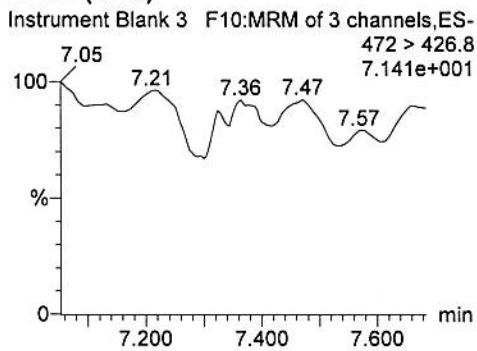
PFHxS (M+3)



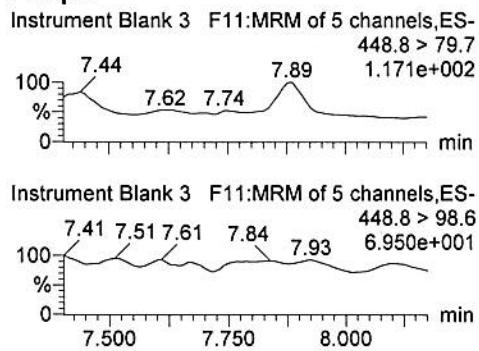
PFNA



PFNA (M+9)



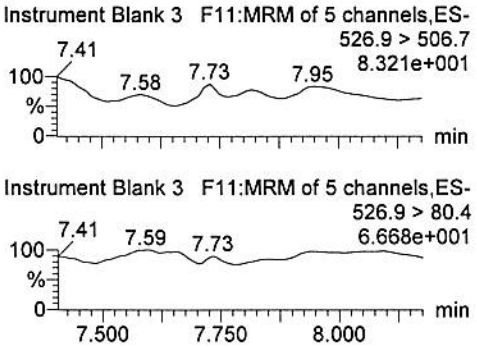
PFHpS



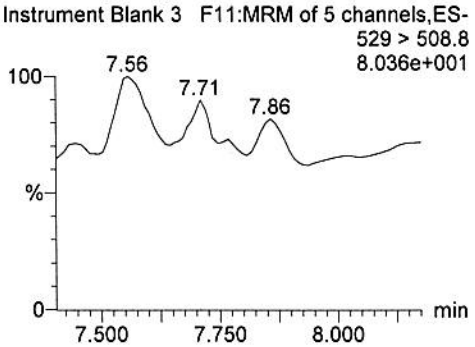
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 11:02:49 Eastern Daylight Time
Printed: Friday, April 27, 2018 11:02:56 Eastern Daylight Time

Name: 20180425_Instrument Blank 3, Date: 25-Apr-2018, Time: 13:31:52, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

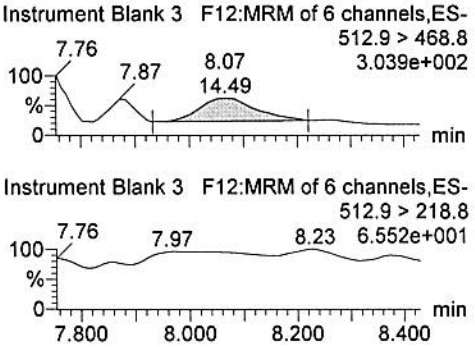
8:2 FTS



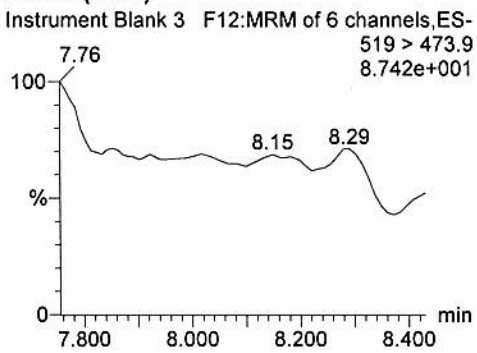
8:2 FTS (M+2)



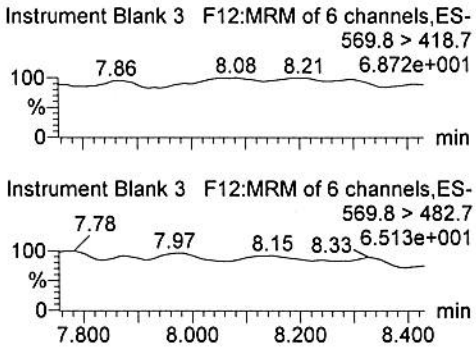
PFDA



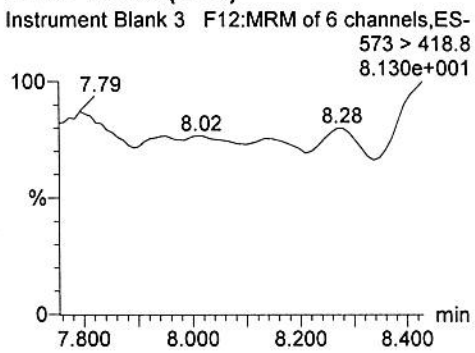
PFDA (M+6)



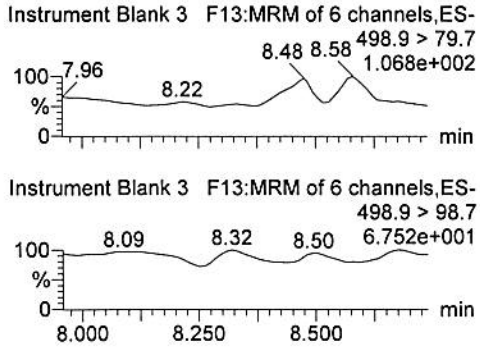
N-MeFOSAA



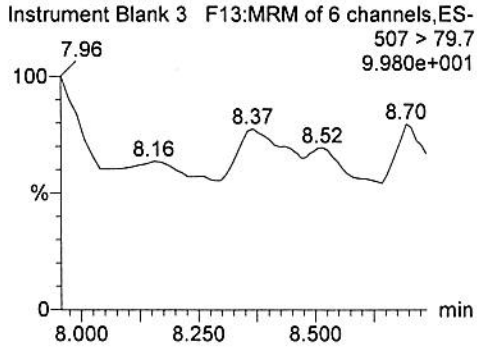
N-MeFOSAA (M+3)



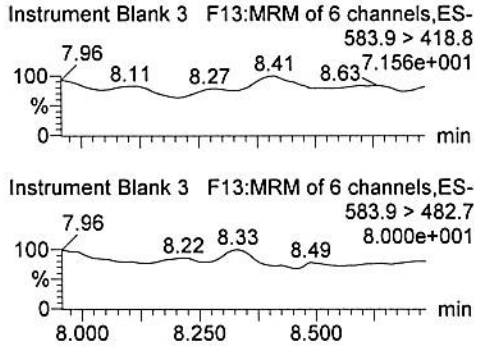
PFOS



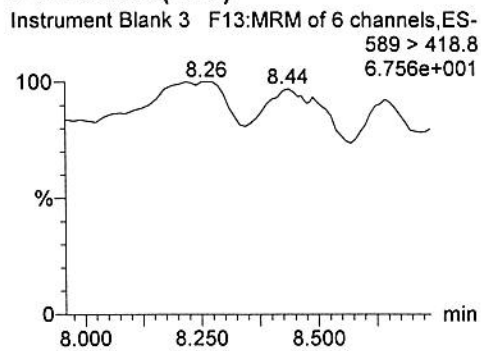
PFOS (M+8)



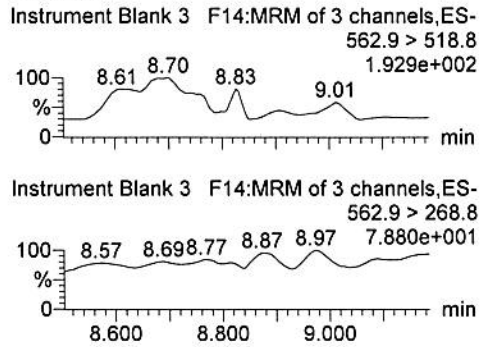
N-EtFOSAA



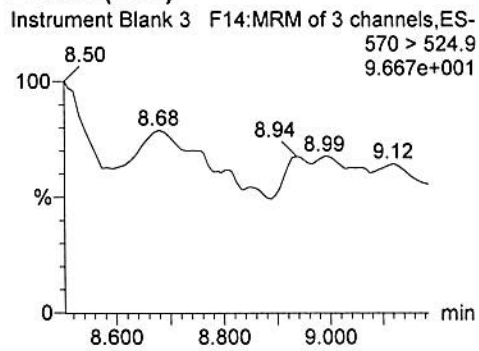
N-EtFOSAA (M+5)



PFUnA



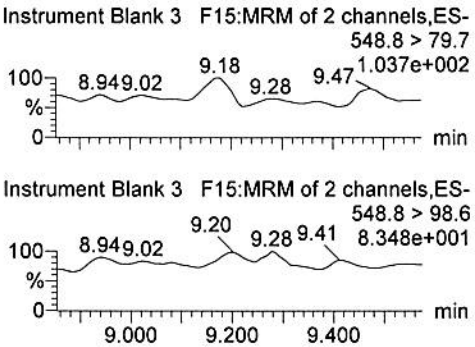
PFUnA (M+7)



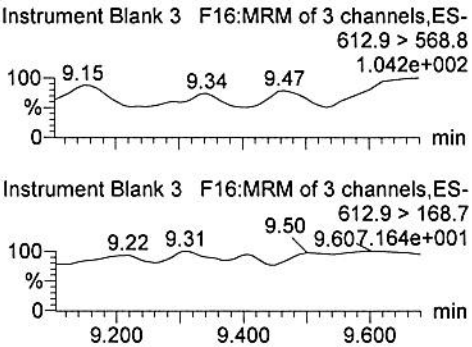
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 11:02:49 Eastern Daylight Time
Printed: Friday, April 27, 2018 11:02:56 Eastern Daylight Time

Name: 20180425_Instrument Blank 3, Date: 25-Apr-2018, Time: 13:31:52, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

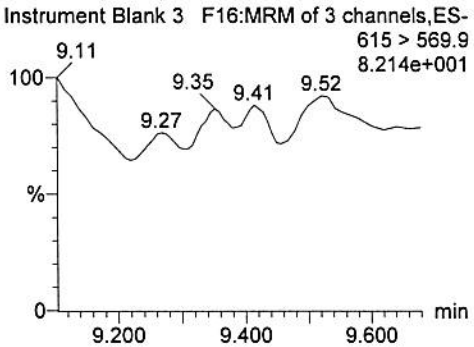
PFNS



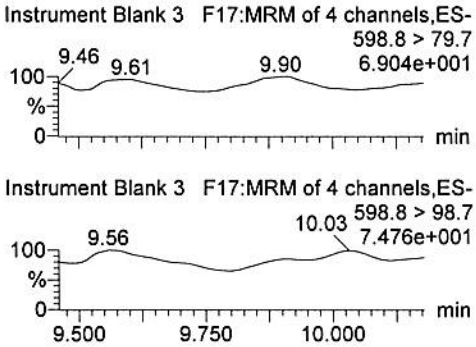
PFDoA



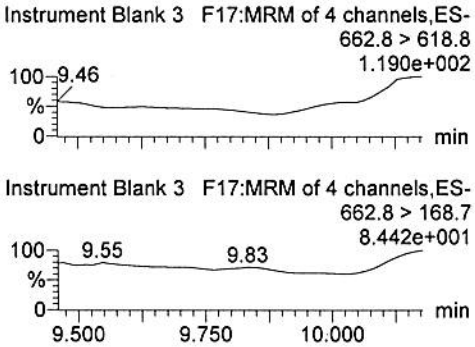
PFDoA (M+2)



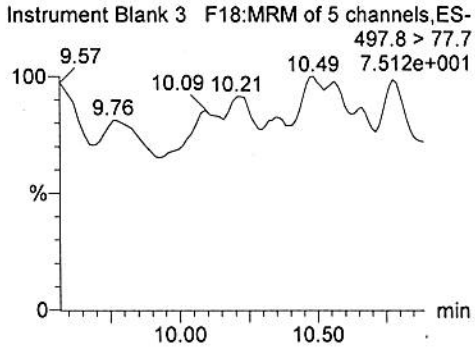
PFDS



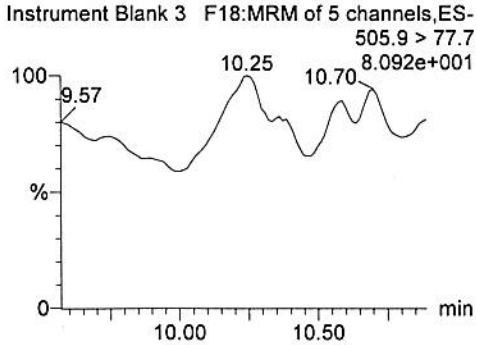
PFTrA



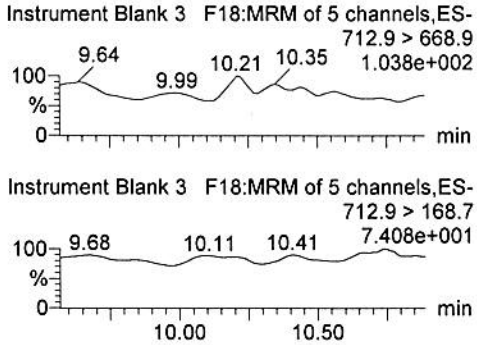
FOSA



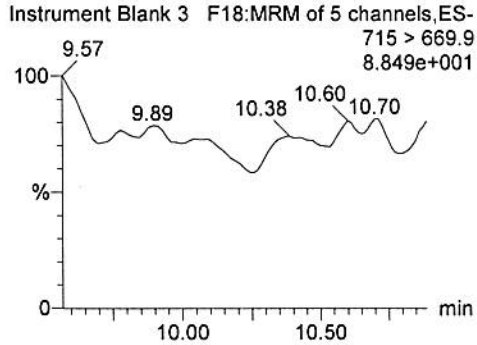
FOSA (M+8)



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 11:02:49 Eastern Daylight Time
Printed: Friday, April 27, 2018 11:02:56 Eastern Daylight Time

Name: 20180425_Instrument Blank 3, Date: 25-Apr-2018, Time: 13:31:52, Description: Instrument Blank 3, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:13

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.90	2.85	0.998	43.5	4.098	XFt	43.450	bb			
PFBA (M+4)	2.89		0.999								
PFPeA	3.73		0.998								
PFPeA (M+5)	3.73		0.999								
4:2 FTS	4.43		0.999						1.561		
4:2 FTS (M+2)	4.43		0.999								
PFHxA	4.73	4.75	0.995	31.6	2.545	XFt	31.603	db	8.407		
PFHxA (M+5)	4.73		0.998								
PFBS	4.91		0.999						2.364		
PFBS (M+3)	4.91		0.998								
HFPO-DA	5.10	5.07	0.990	16.0	2.565	XFt	15.951	bb	1.629		
HFPO-DA (M+3)	5.09		0.989								
PFHpA	5.71		0.999						3.215		
PFHpA (M+4)	5.70		0.999								
PFPeS	5.98		0.999						2.133		
6:2 FTS	6.24		0.997						1.557		
6:2 FTS (M+2)	6.24		0.998								
PFOA	6.57	6.56	0.999	24.0	1.442	XFt	24.011	bb	2.832		
PFOA (M+8)	6.57		0.999								
PFHxS	6.91		0.998						1.790		
PFHxS (M+3)	6.91		0.999								
PFNA	7.34		0.999						2.539		
PFNA (M+9)	7.34		1.000								
PFHpS	7.72		0.999						2.172		
8:2 FTS	7.72		0.996						1.112		
8:2 FTS (M+2)	7.71		0.997								
PFDA	8.05	8.07	0.963	14.5	0.7727	XFt	14.487	bb	4.897		
PFDA (M+6)	8.05		0.972								
N-MeFOSAA	8.16		0.992						1.106		
N-MeFOSAA (M+3)	8.16		0.991								
PFOS	8.45		0.999						1.994		
PFOS (M+8)	8.45		0.998								
N-EtFOSAA	8.46		0.981						1.671		
N-EtFOSAA (M+5)	8.44		0.994								
PFUnA	8.68		0.996						4.209		
PFUnA (M+7)	8.68		0.999								
PFNS	9.09		0.998						1.980		
PFDoA	9.28		0.992						5.355		
PFDoA (M+2)	9.28		0.998								
PFDS	9.69		0.836						1.504		
PFTrA	9.85		0.994						8.187		
FOSA	9.90		0.997								
FOSA (M+8)	9.90		0.998								
PFTeA	10.39		0.998						3.262		
PFTeA (M+2)	10.39		0.995								

Ft = false positive

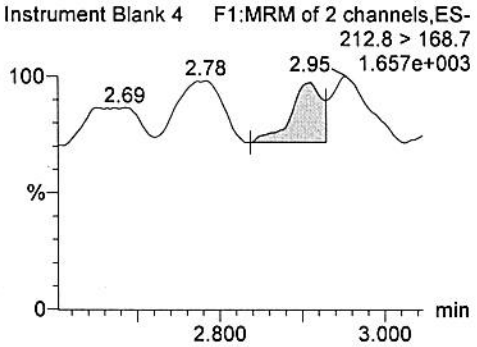
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 11:02:49 Eastern Daylight Time
Printed: Friday, April 27, 2018 11:02:57 Eastern Daylight Time

JG 4/27/18
JH 4/27/18

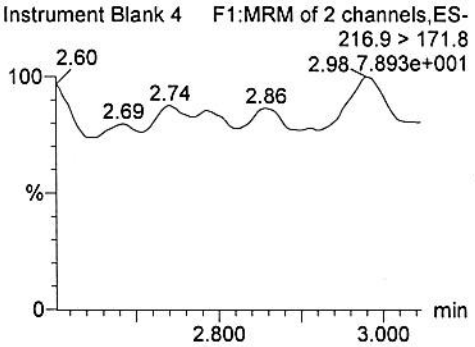
Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180425.mdb 25 Apr 2018 10:51:51
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180425.cdb 26 Apr 2018 10:20:42

Name: 20180425_Instrument Blank 4, Date: 25-Apr-2018, Time: 13:54:21, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

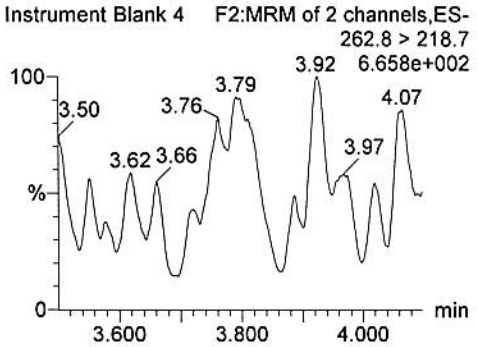
PFBA



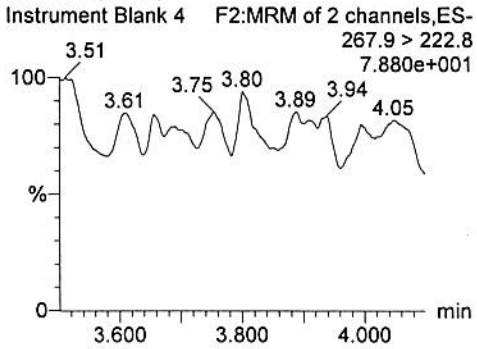
PFBA (M+4)



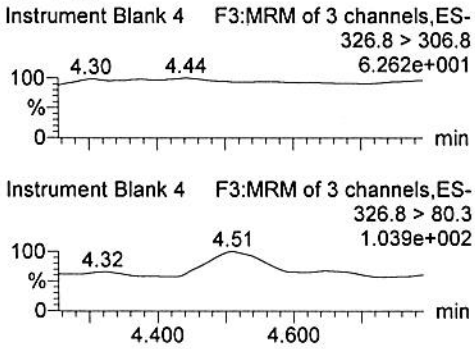
PFPeA



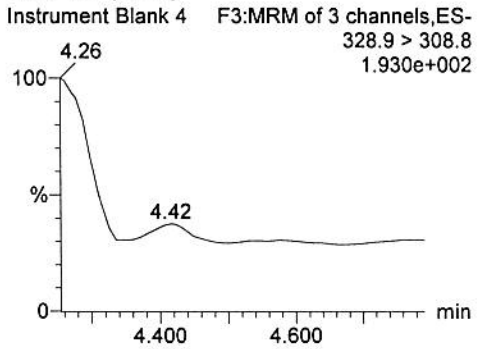
PFPeA (M+5)



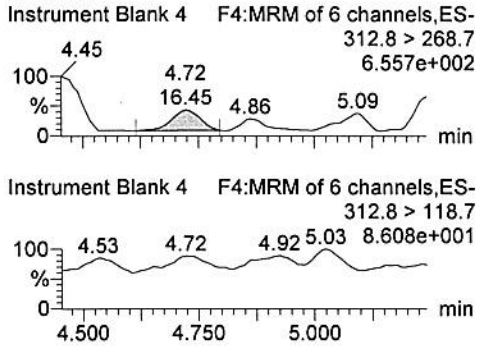
4:2 FTS



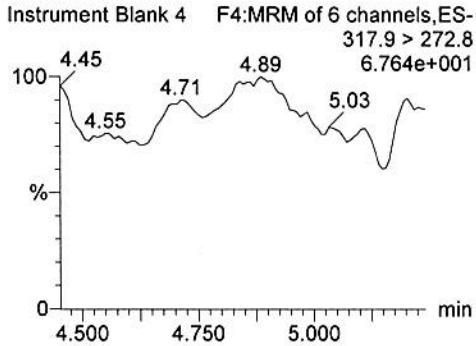
4:2 FTS (M+2)



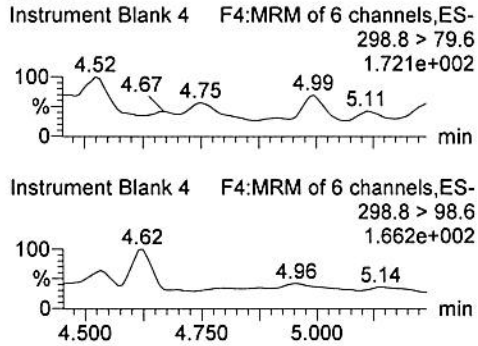
PFHxA



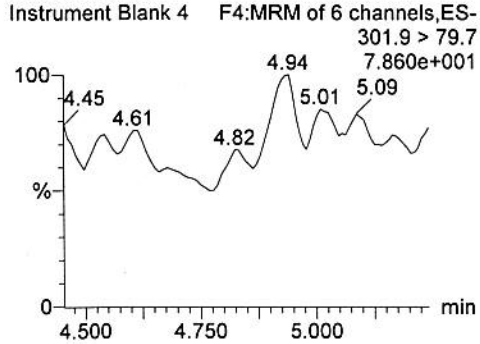
PFHxA (M+5)



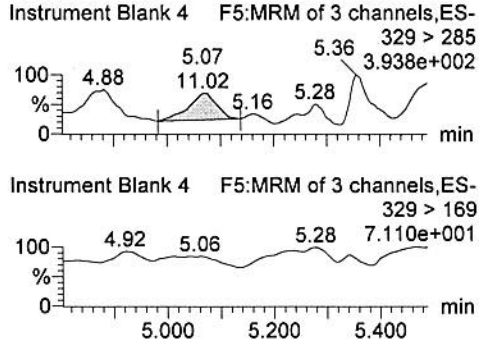
PFBS



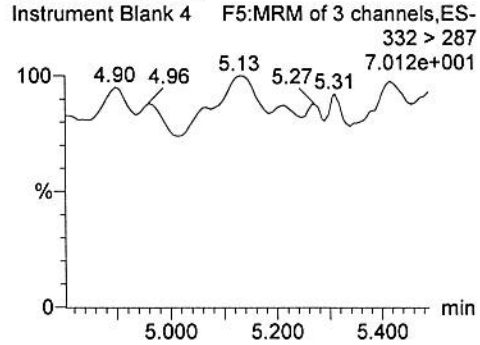
PFBS (M+3)



HFPO-DA



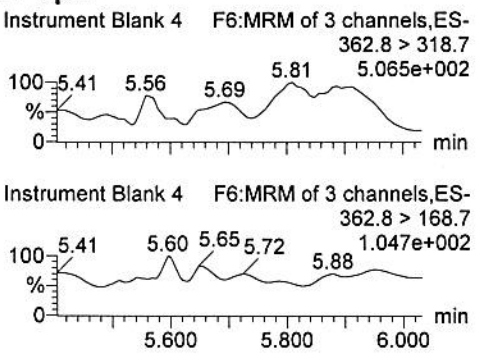
HFPO-DA (M+3)



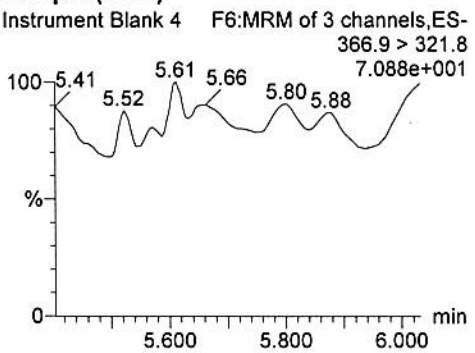
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 11:02:49 Eastern Daylight Time
Printed: Friday, April 27, 2018 11:02:57 Eastern Daylight Time

Name: 20180425_Instrument Blank 4, Date: 25-Apr-2018, Time: 13:54:21, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

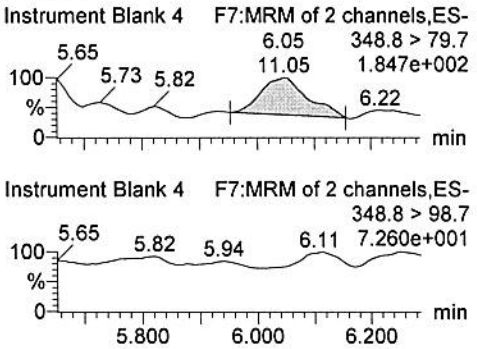
PFHpA



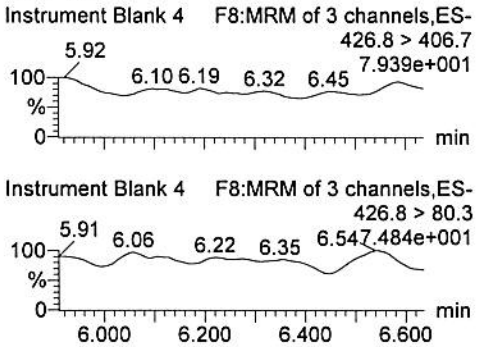
PFHpA (M+4)



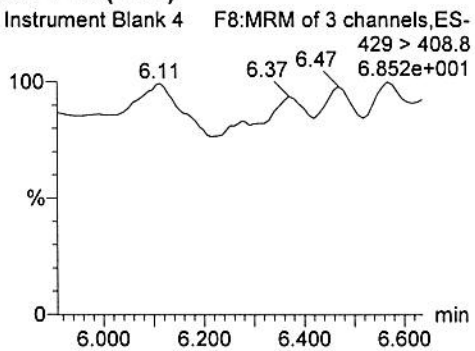
PFPeS



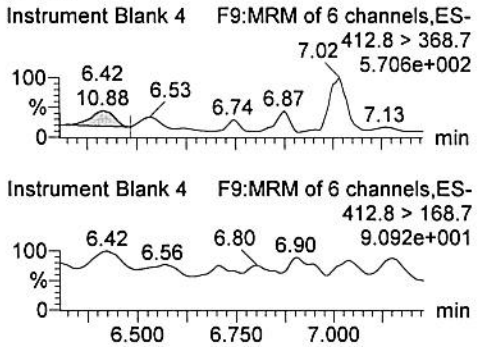
6:2 FTS



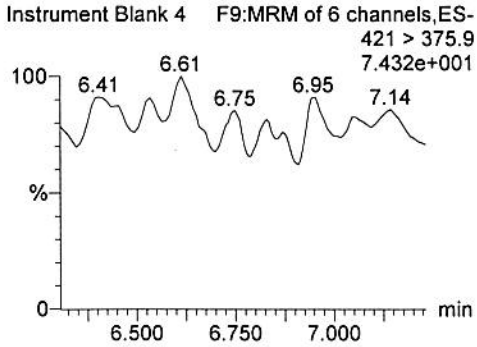
6:2 FTS (M+2)



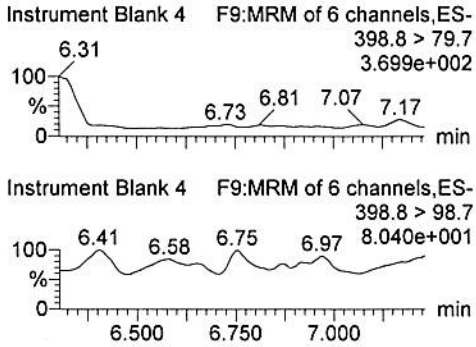
PFOA



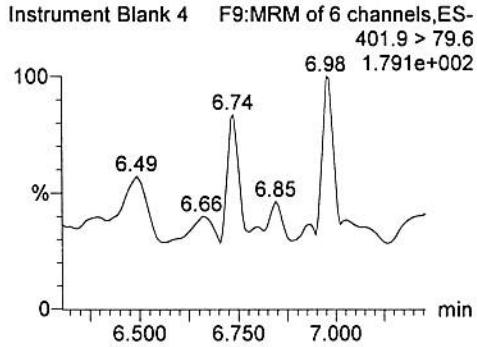
PFOA (M+8)



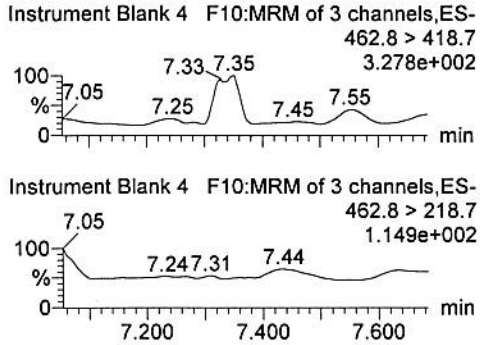
PFHxS



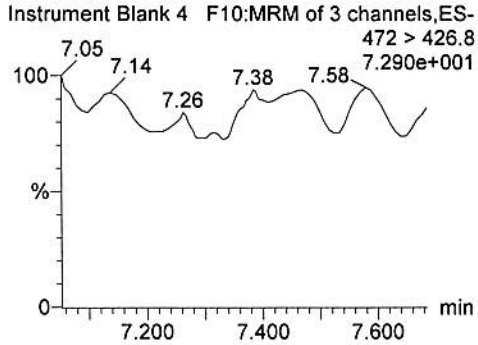
PFHxS (M+3)



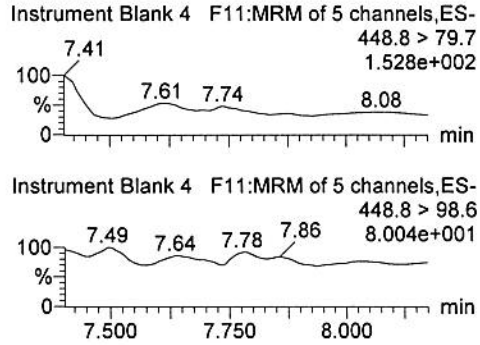
PFNA



PFNA (M+9)



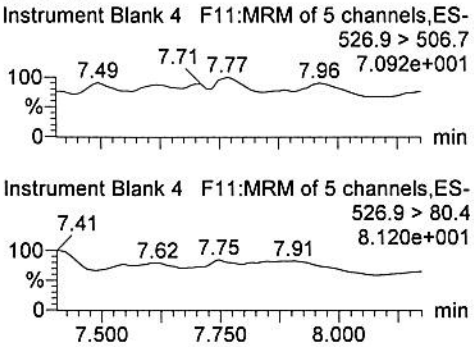
PFHpS



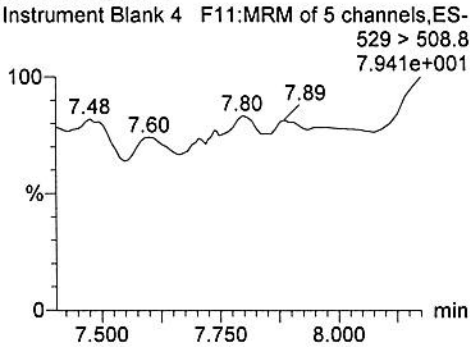
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 11:02:49 Eastern Daylight Time
Printed: Friday, April 27, 2018 11:02:57 Eastern Daylight Time

Name: 20180425_Instrument Blank 4, Date: 25-Apr-2018, Time: 13:54:21, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

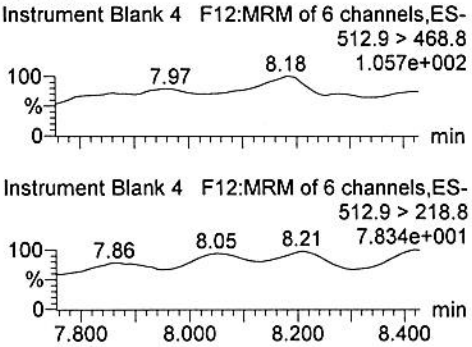
8:2 FTS



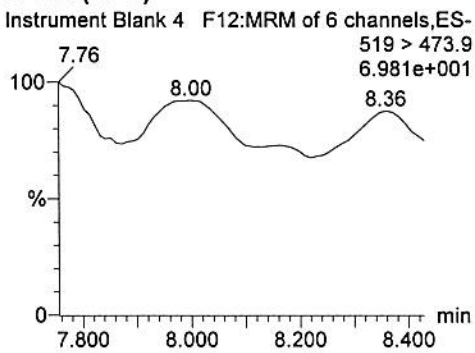
8:2 FTS (M+2)



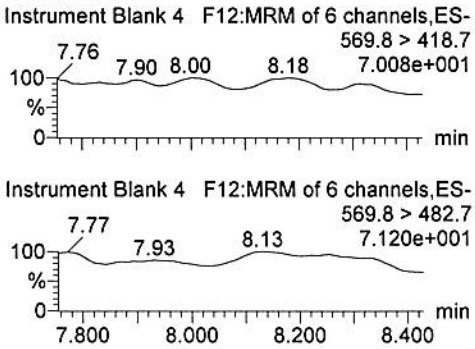
PFDA



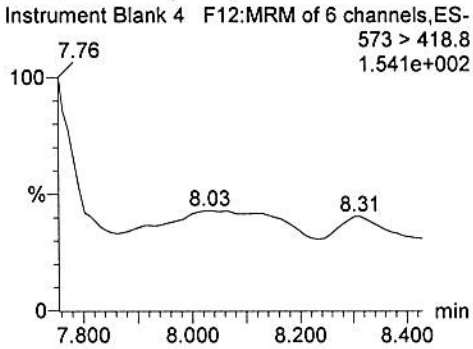
PFDA (M+6)



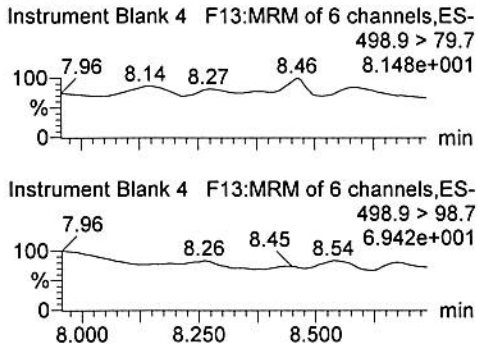
N-MeFOSAA



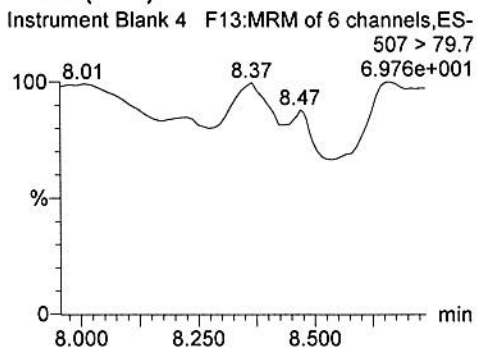
N-MeFOSAA (M+3)



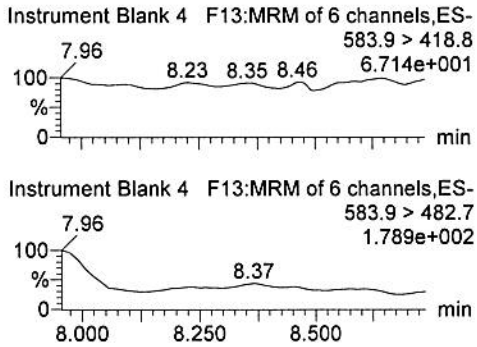
PFOS



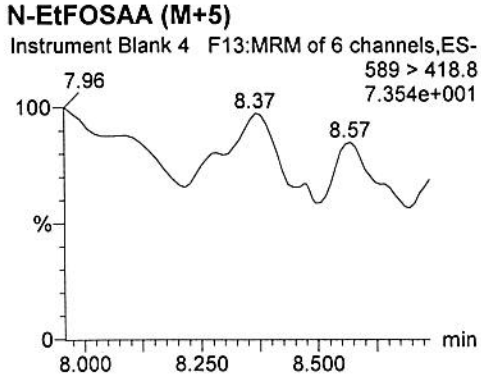
PFOS (M+8)



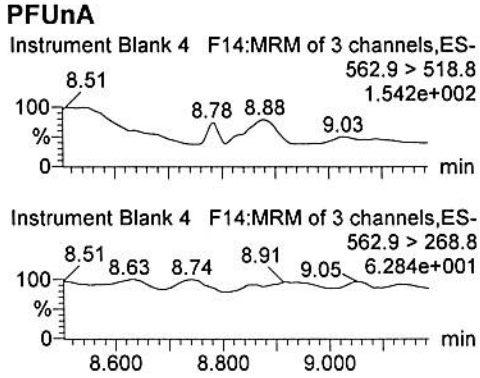
N-EtFOSAA



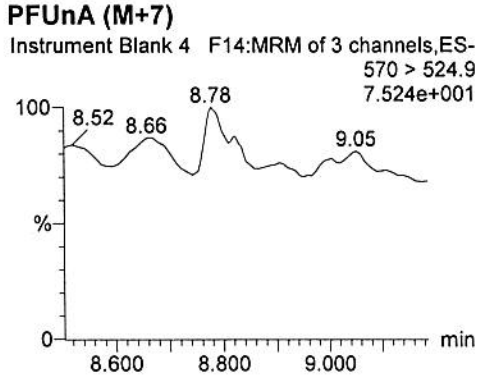
N-EtFOSAA (M+5)



PFUnA



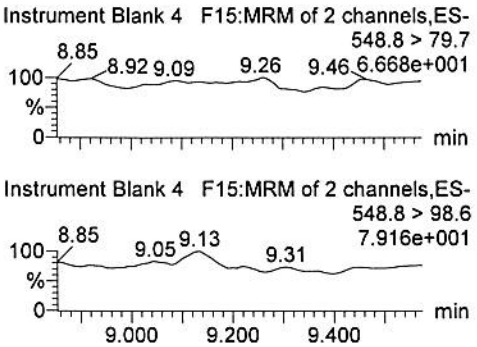
PFUnA (M+7)



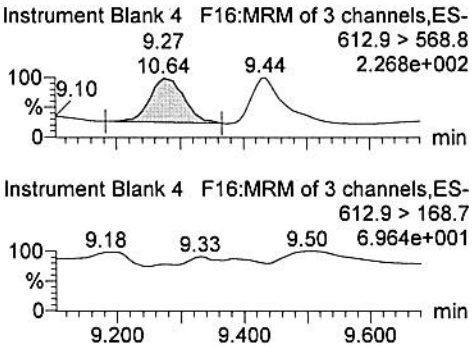
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 11:02:49 Eastern Daylight Time
Printed: Friday, April 27, 2018 11:02:57 Eastern Daylight Time

Name: 20180425_Instrument Blank 4, Date: 25-Apr-2018, Time: 13:54:21, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

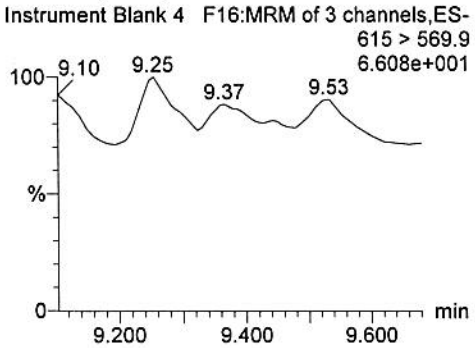
PFNS



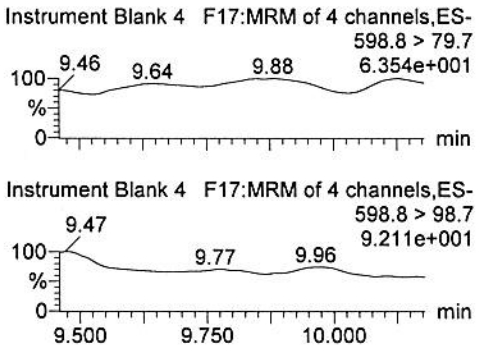
PFDoA



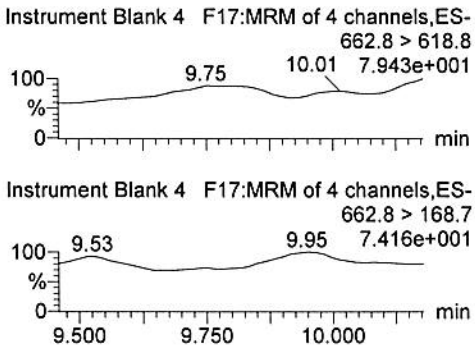
PFDoA (M+2)



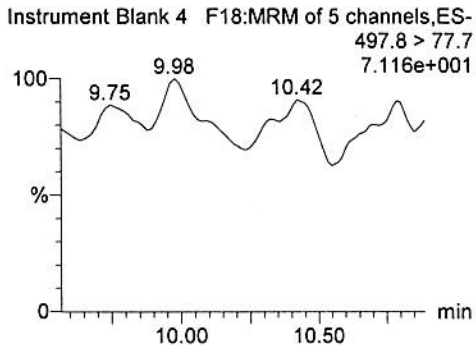
PFDS



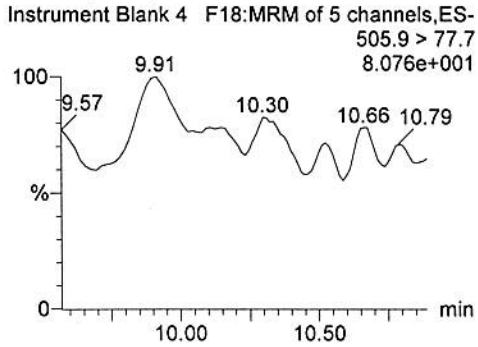
PFTrA



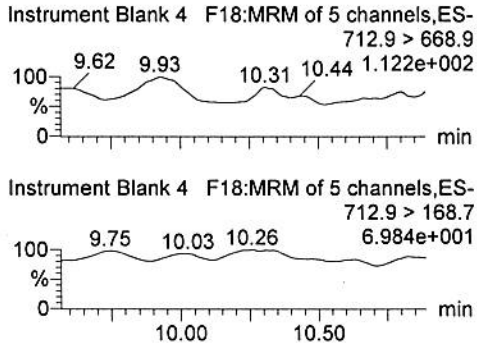
FOSA



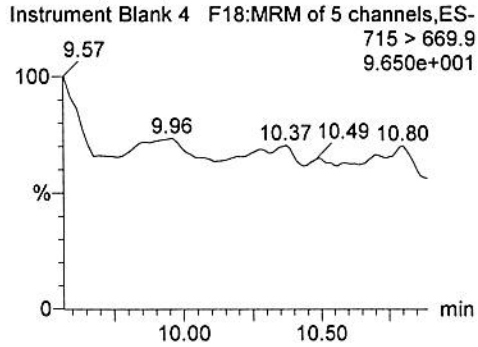
FOSA (M+8)



PFTeA



PFTeA (M+2)



Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: Untitled
Last Altered: Friday, April 27, 2018 11:02:49 Eastern Daylight Time
Printed: Friday, April 27, 2018 11:02:57 Eastern Daylight Time

Name: 20180425_Instrument Blank 4, Date: 25-Apr-2018, Time: 13:54:21, Description: Instrument Blank 4, Instrument: ACQ-TQD#NotSet, User: , Vial: 2:14

Name	Pred RT	Act RT	COD	Area	ng/L	%Dev	Response	Flags	PredRatio	ActRatio	RatioFail?
PFBA	2.90	2.91	0.998	18.6	2.657	XFt	18.577	bd			
PFBA (M+4)	2.89		0.999								
PFPeA	3.73		0.998								
PFPeA (M+5)	3.73		0.999								
4:2 FTS	4.43		0.999						1.561		
4:2 FTS (M+2)	4.43		0.999								
PFHxA	4.73	4.72	0.995	16.5	1.347	XFt	16.451	bb	8.407		
PFHxA (M+5)	4.73		0.998								
PFBS	4.91		0.999						2.364		
PFBS (M+3)	4.91		0.998								
HFPO-DA	5.10	5.07	0.990	11.0	0.3262	XFt	11.017	bb	1.629		
HFPO-DA (M+3)	5.09		0.989								
PFHpA	5.71		0.999						3.215		
PFHpA (M+4)	5.70		0.999								
PFPeS	5.98	6.05	0.999	11.1	2.844	XFt	11.053	bb	2.133		
6:2 FTS	6.24		0.997						1.557		
6:2 FTS (M+2)	6.24		0.998								
PFOA	6.57	6.42	0.999	10.9	0.5665	XFt	10.880	bb	2.832		
PFOA (M+8)	6.57		0.999								
PFHxS	6.91		0.998						1.790		
PFHxS (M+3)	6.91		0.999								
PFNA	7.34		0.999						2.539		
PFNA (M+9)	7.34		1.000								
PFHpS	7.72		0.999						2.172		
8:2 FTS	7.72		0.996						1.112		
8:2 FTS (M+2)	7.71		0.997								
PFDA	8.05		0.963						4.897		
PFDA (M+6)	8.05		0.972								
N-MeFOSAA	8.16		0.992						1.106		
N-MeFOSAA (M+3)	8.16		0.991								
PFOS	8.45		0.999						1.994		
PFOS (M+8)	8.45		0.998								
N-EtFOSAA	8.46		0.981						1.671		
N-EtFOSAA (M+5)	8.44		0.994								
PFUnA	8.68		0.996						4.209		
PFUnA (M+7)	8.68		0.999								
PFNS	9.09		0.998						1.980		
PFDoA	9.28	9.27	0.992	10.6	3.743	XFt	10.641	bb	5.355		
PFDoA (M+2)	9.28		0.998								
PFDS	9.69		0.836						1.504		
PFTrA	9.85		0.994						8.187		
FOSA	9.90		0.997								
FOSA (M+8)	9.90		0.998								
PFTeA	10.39		0.998						3.262		
PFTeA (M+2)	10.39		0.995								

Ft = false positive

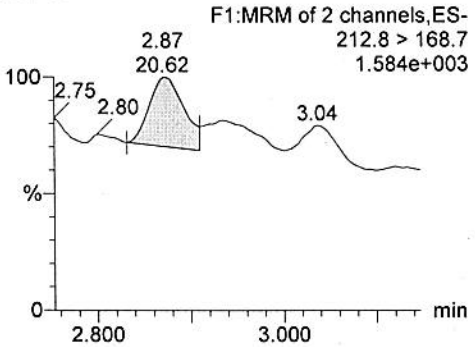
Quantify Sample Report **MassLynx 4.1 SCN919**
Instrument Name: S ITHTQ User: JG
Dataset: C:\MassLynx\PFAS_2016.PRO\20180410_BATCH_1804006.qld
Last Altered: Monday, April 23, 2018 10:22:20 Eastern Daylight Time
Printed: Monday, April 23, 2018 10:39:22 Eastern Daylight Time

Method: C:\MassLynx\PFAS_2016.PRO\MethDB\PFAS_20180410.mdb 11 Apr 2018 09:15:33
Calibration: C:\MassLynx\PFAS_2016.PRO\CurveDB\PFC_20180410.cdb 23 Apr 2018 09:35:21

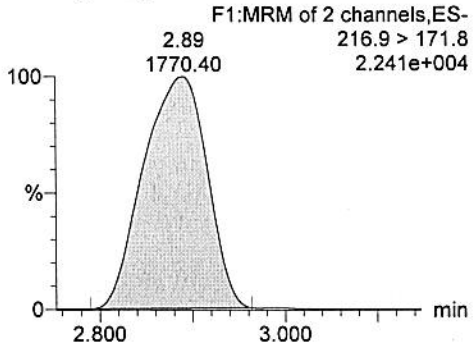
JG 4/23/18
JV 4/27/18

Name: 1804006-BLK1, Date: 10-Apr-2018, Time: 13:27:17, Description: 1804006-BLK1, Instrument: ACQ-TQD#NotSet, User:
Vial: 2:15

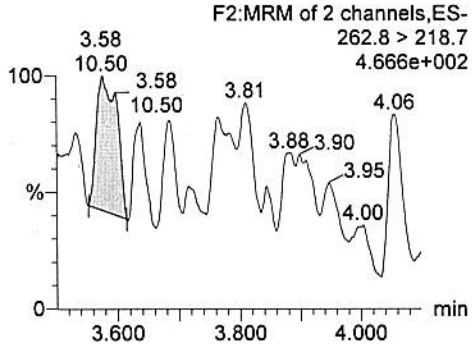
PFBA



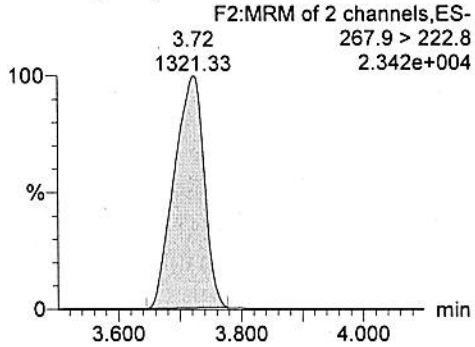
PFBA (M+4)



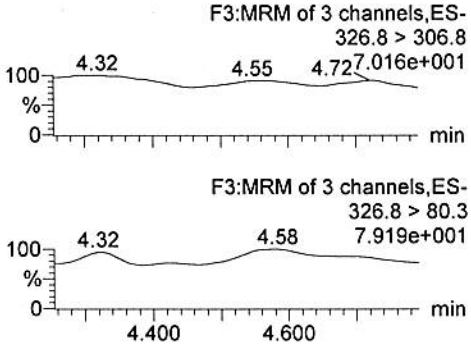
PFPeA



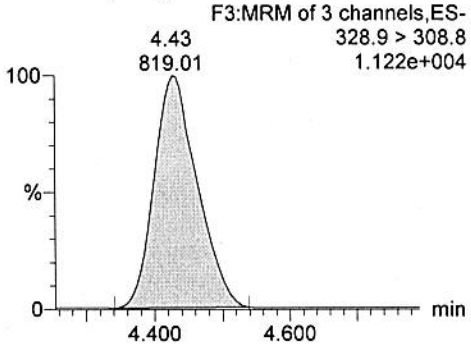
PFPeA (M+5)



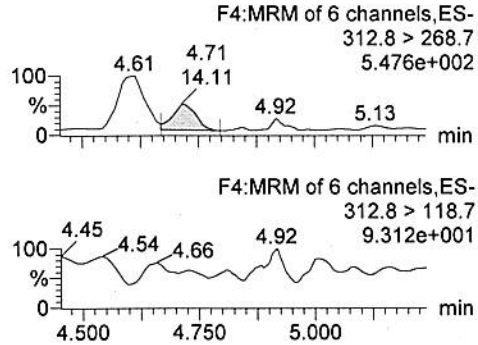
4:2 FTS



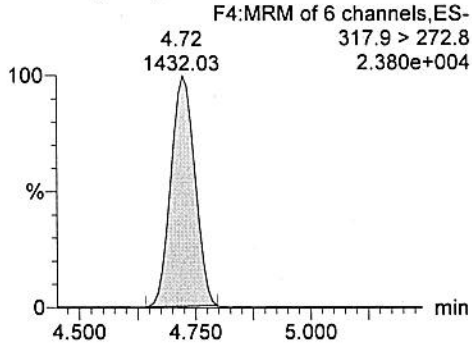
4:2 FTS (M+2)



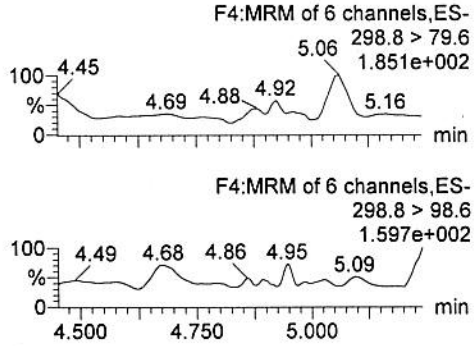
PFHxA



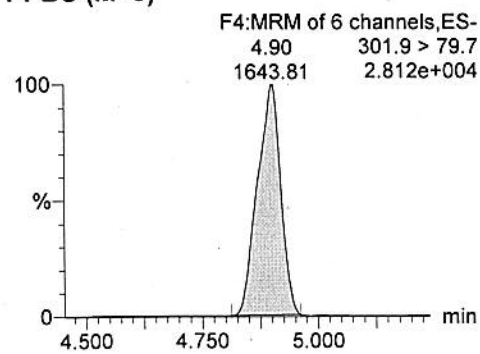
PFHxA (M+5)



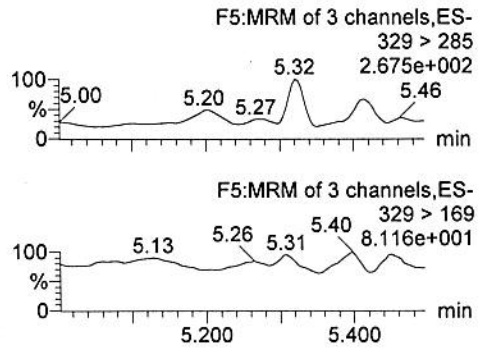
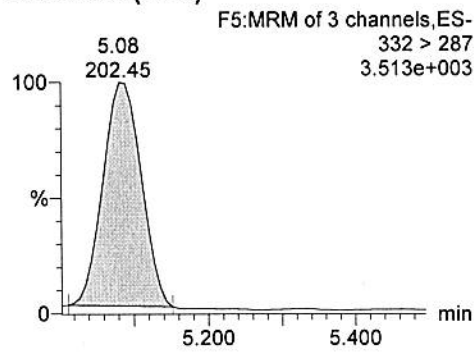
PFBS



PFBS (M+3)



HFPO-DA



HFPO-DA (M+3)