

Quantify Audit Report **MassLynx 4.0 SP1**

Acquired Date

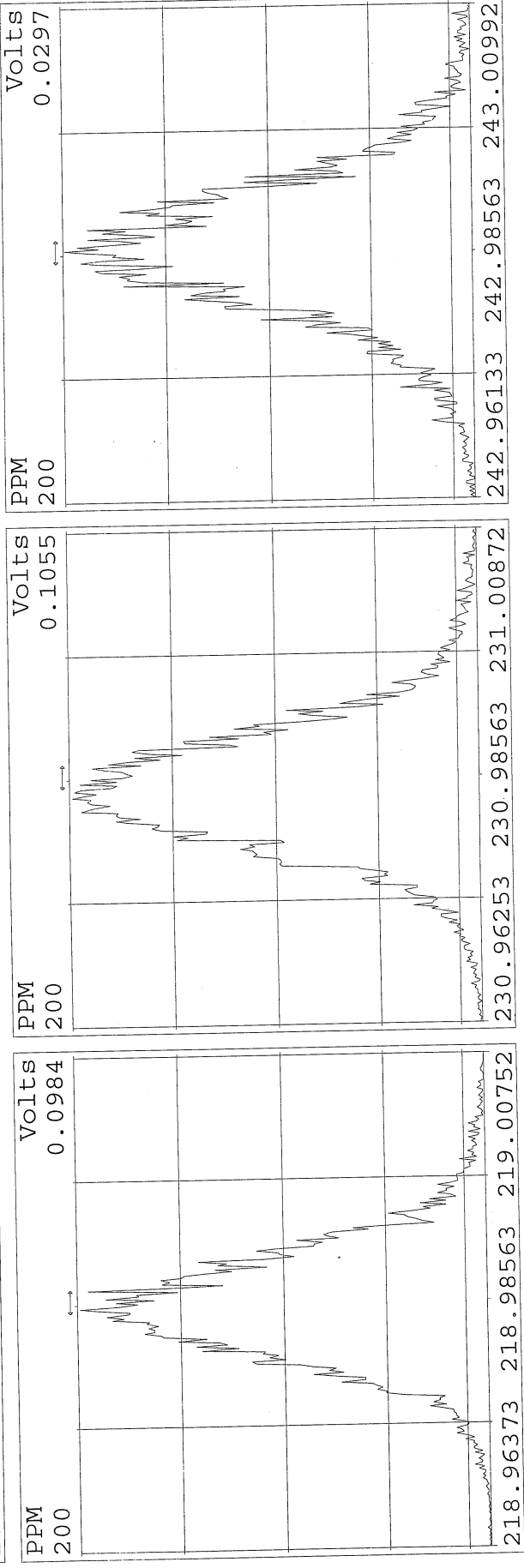
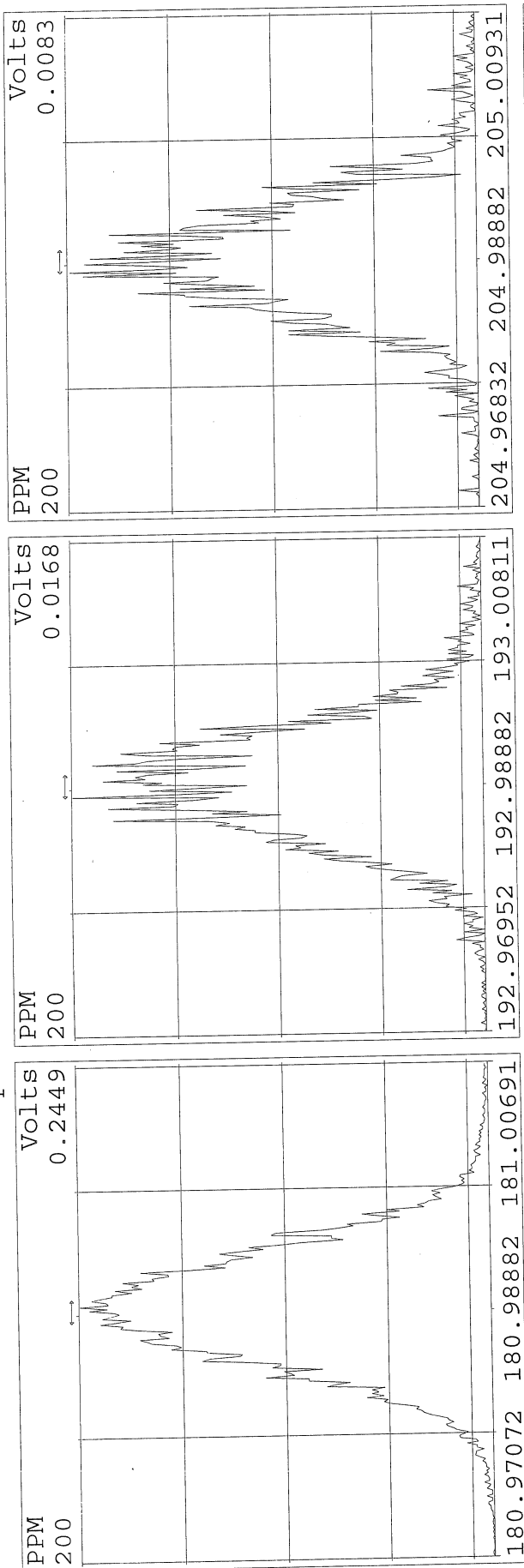
Dataset: C:\MassLynx\Default.pro\QLD\M2160219AS001CS3_1668A.qld

Last Altered: February 21, 2016 4:29:30 PM Eastern Standard Time

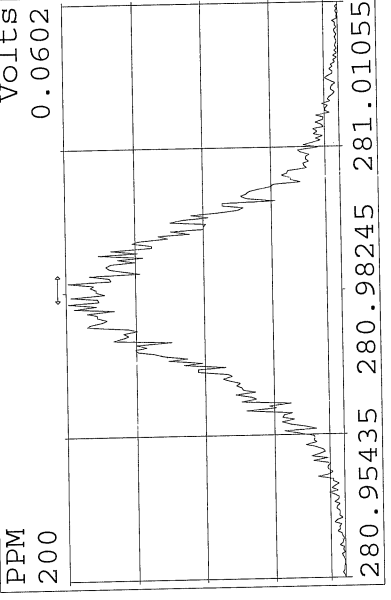
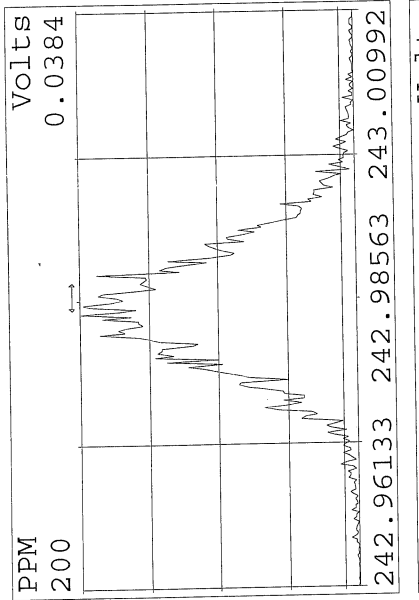
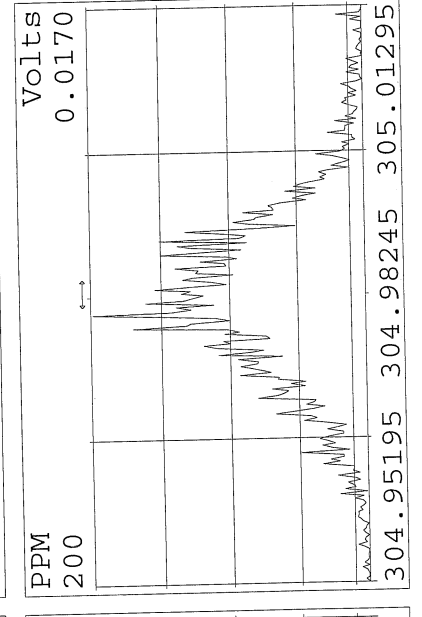
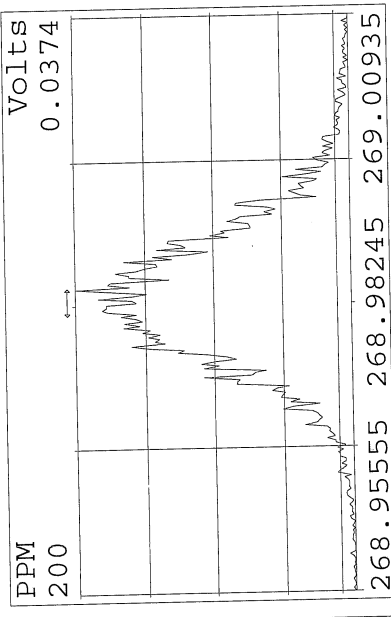
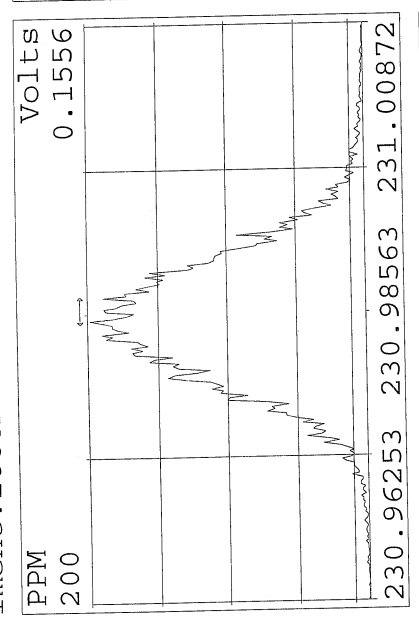
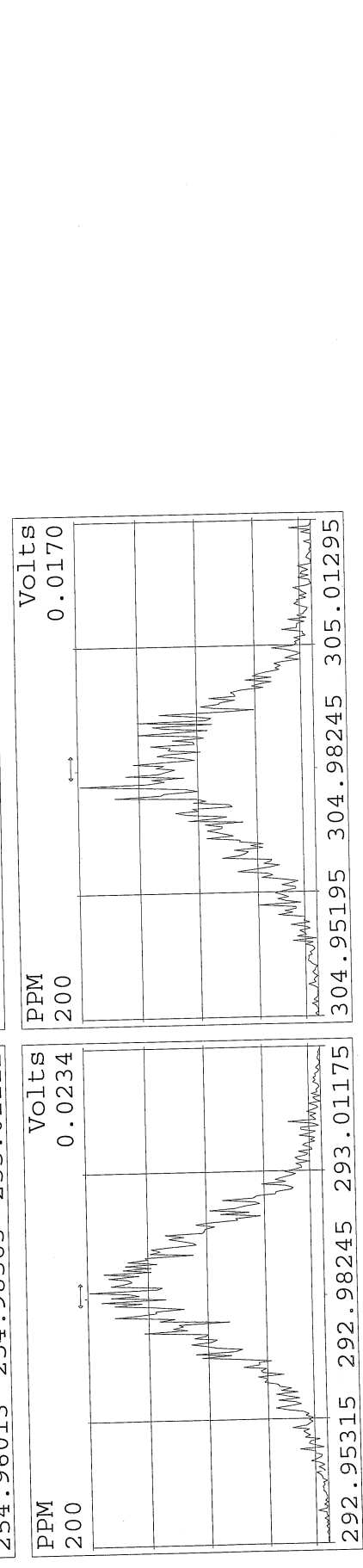
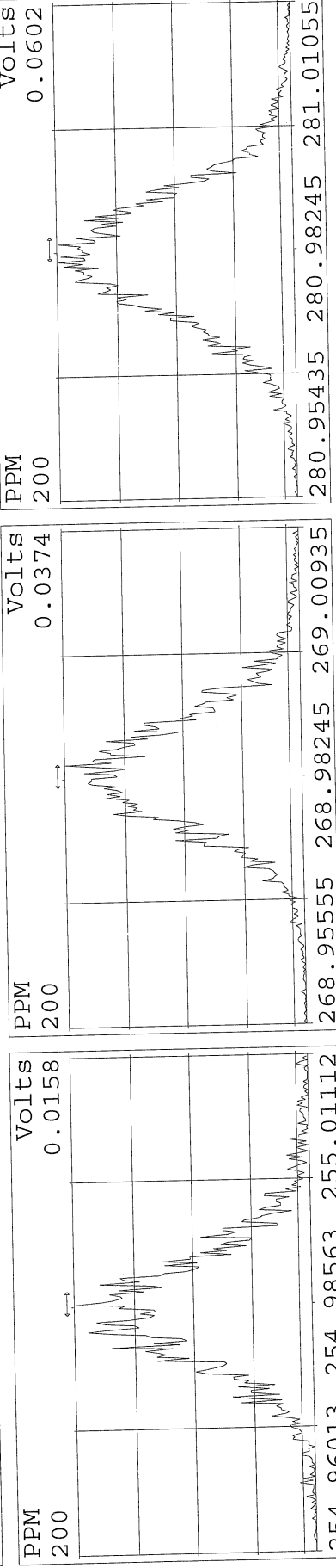
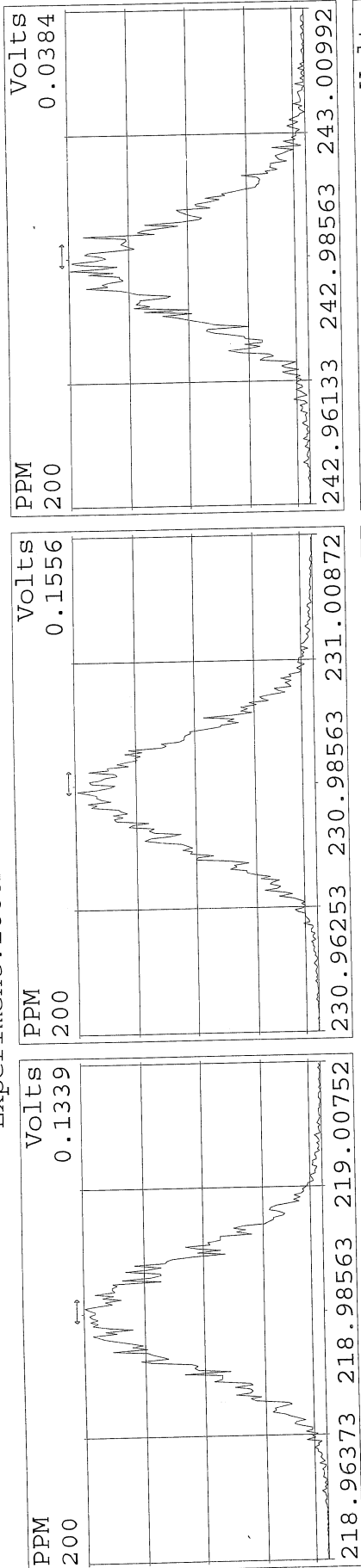
Printed: February 21, 2016 4:30:08 PM Eastern Standard Time

Date	Time	Event	RT	Details	Comments
21-Feb-16	16:29:30	Process Integrate			
21-Feb-16	16:29:30	Process Quantify			
21-Feb-16	16:29:30	Dataset Created			
21-Feb-16	16:30:03	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M21602...	

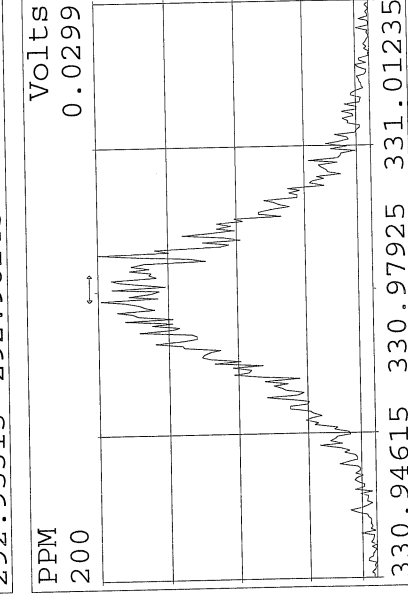
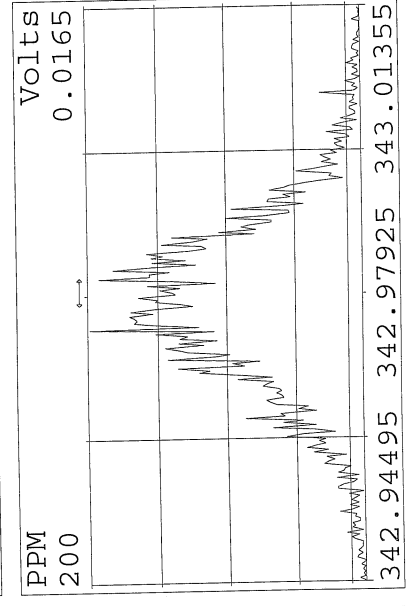
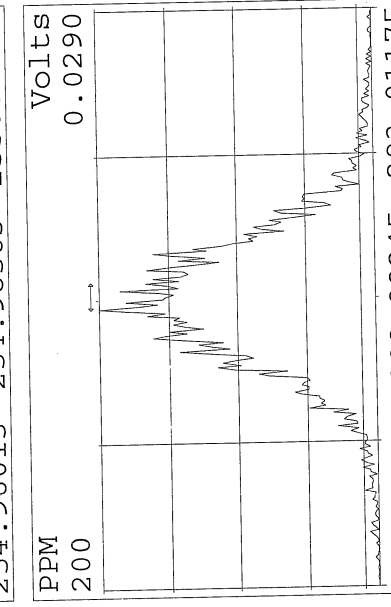
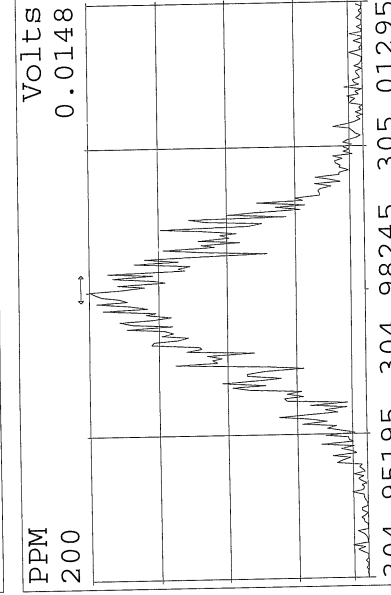
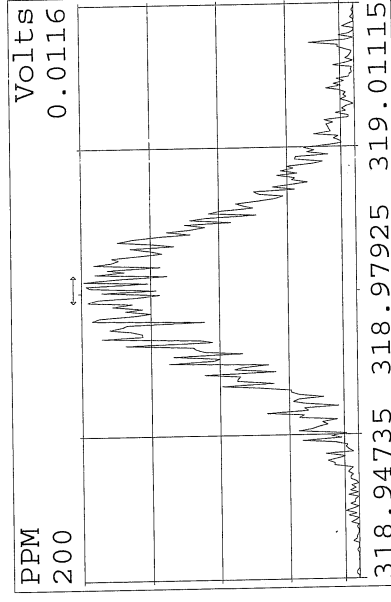
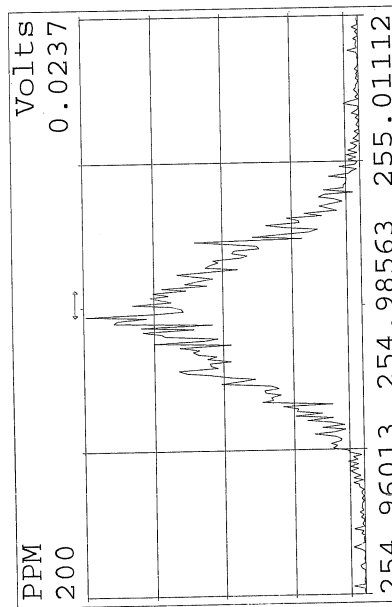
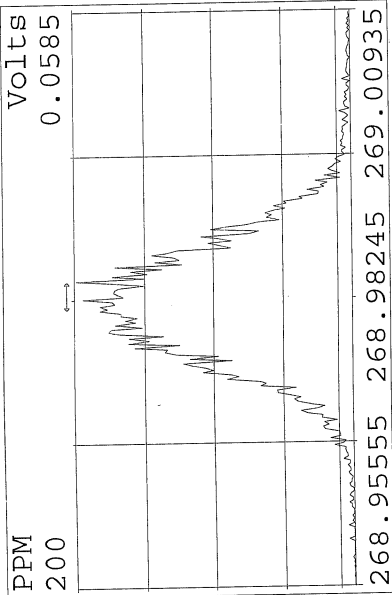
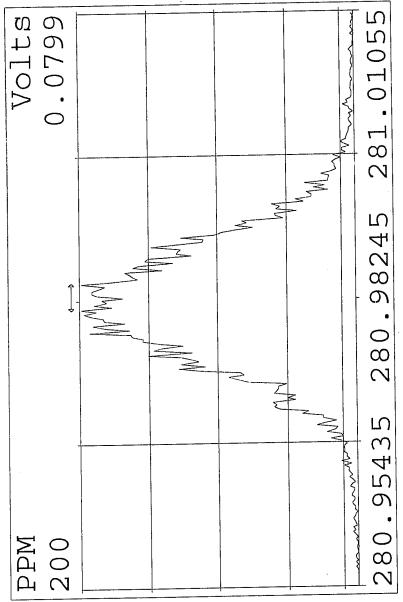
Peak Locate Examination:19-FEB-2016:11:11 File:M2160219A
Experiment:1668A Function:1 Reference:PFK



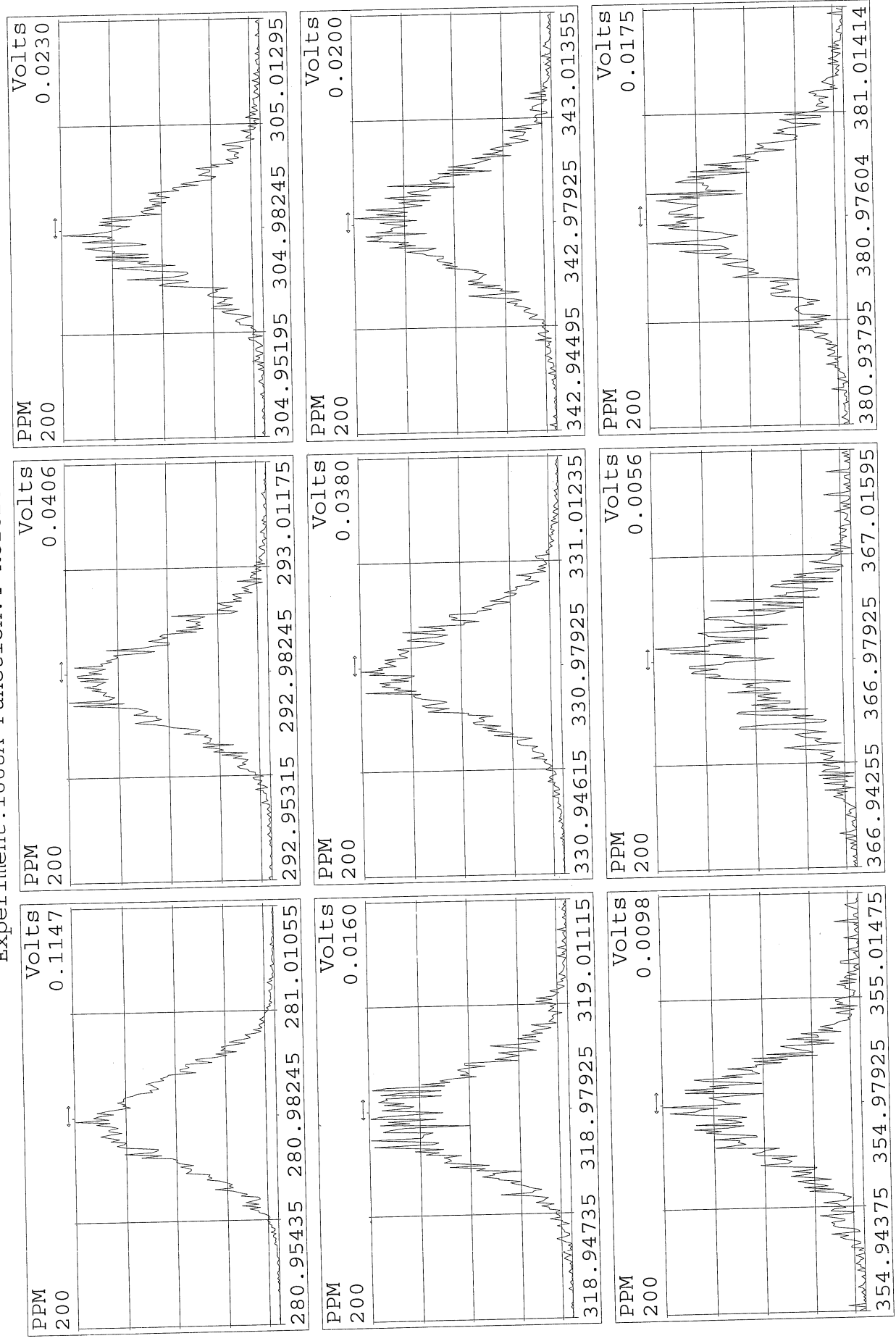
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 Experiment:1668A Function:2 Reference:PFK



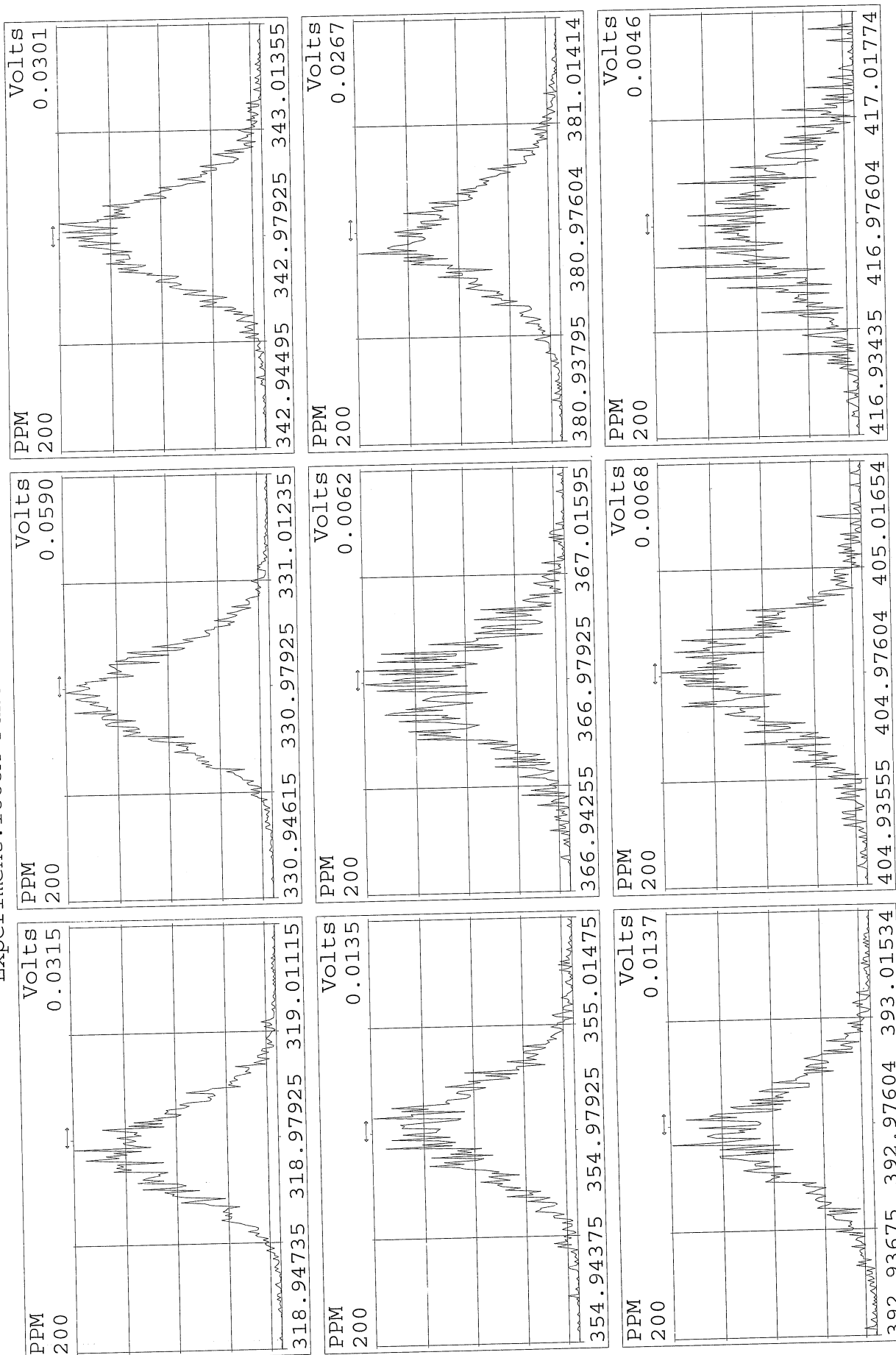
Peak Locate Examination:19-FEB-2016:11:12 File:M2160219A
 Experiment:1668A Function:3 Reference:PFK



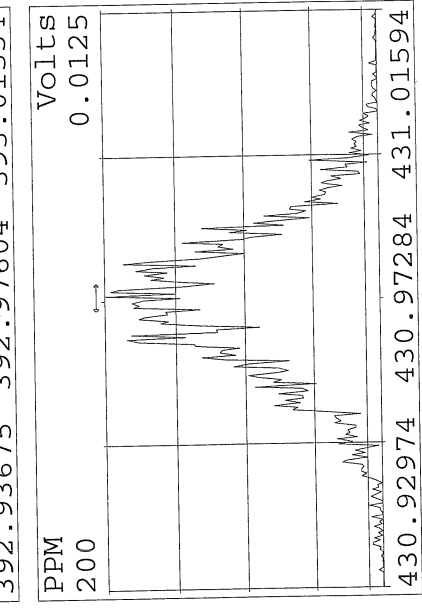
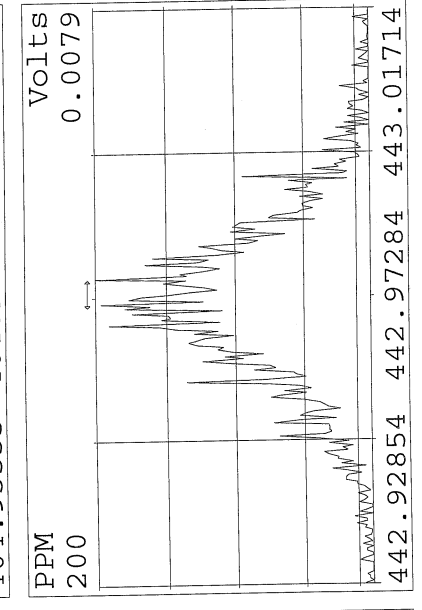
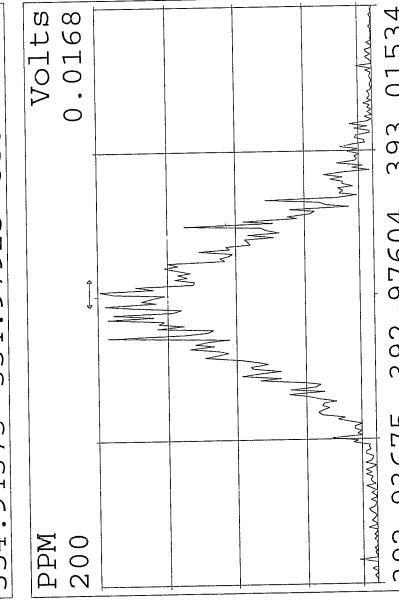
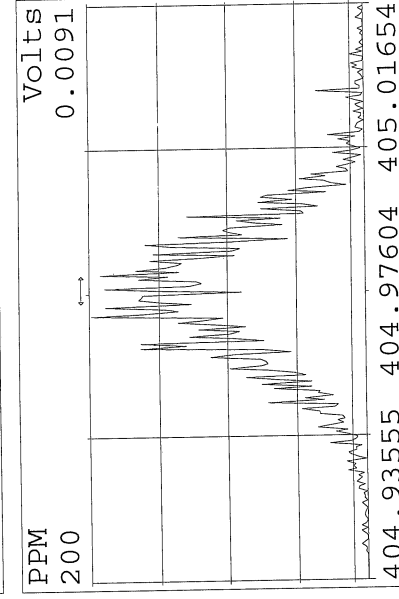
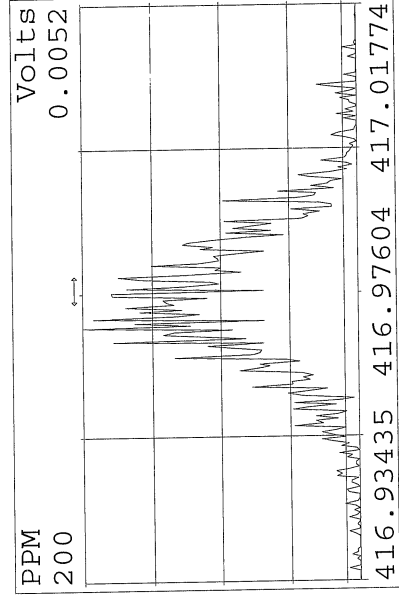
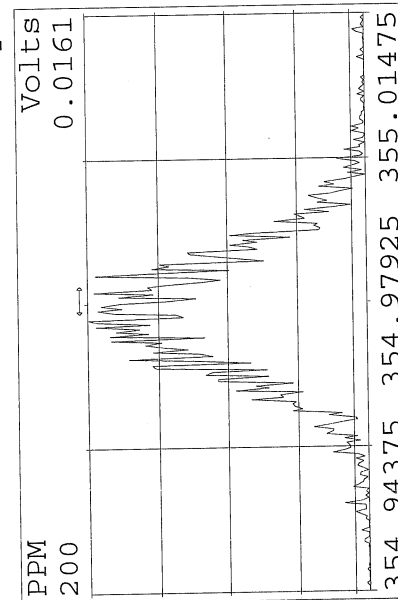
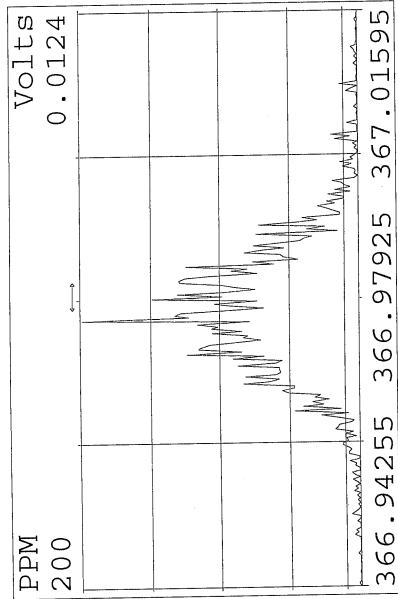
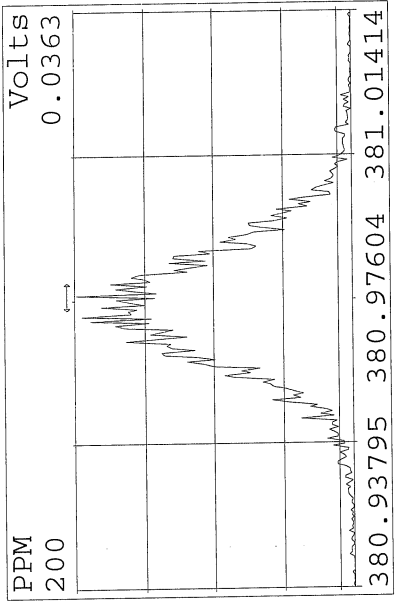
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Experiment:1668A Function:4 Reference:PFK



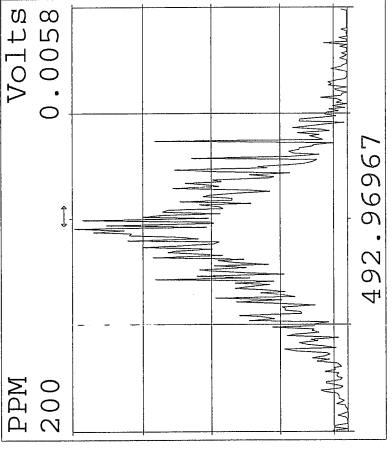
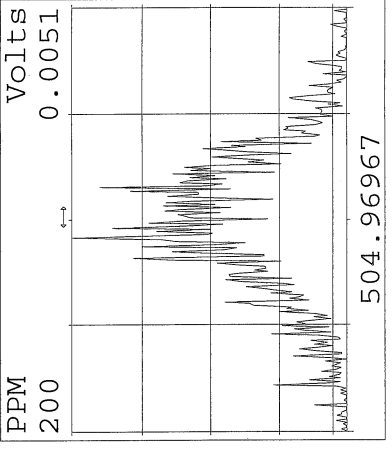
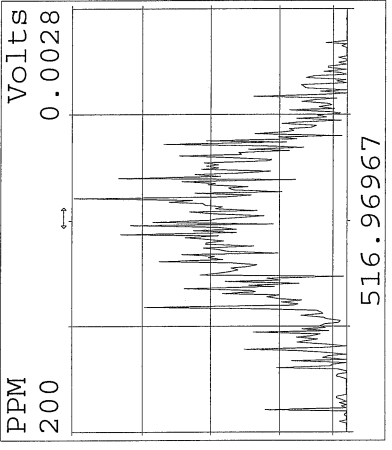
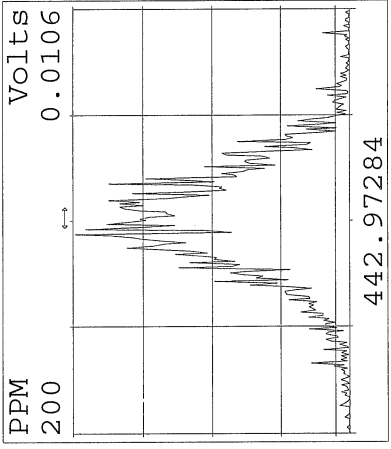
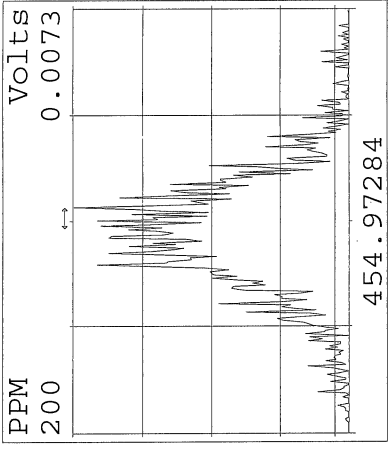
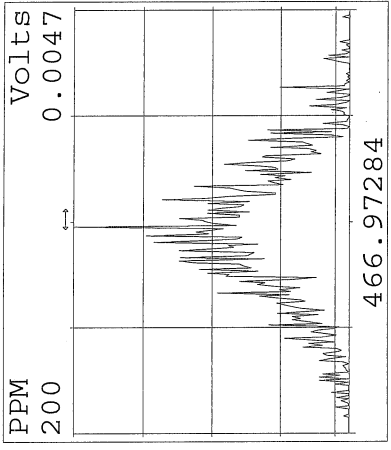
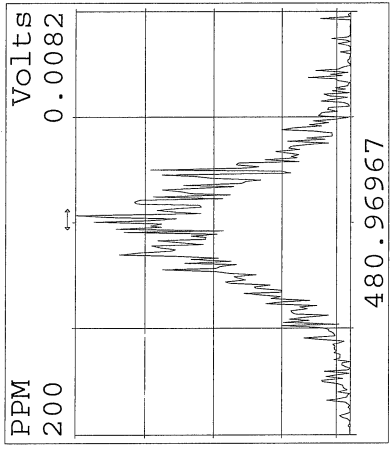
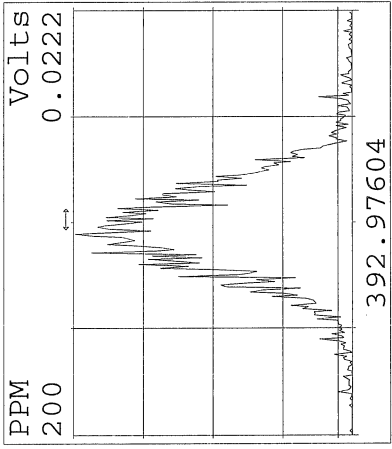
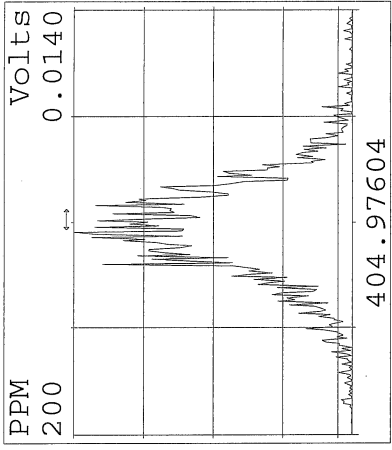
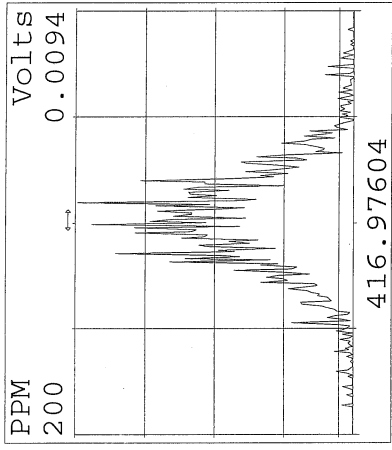
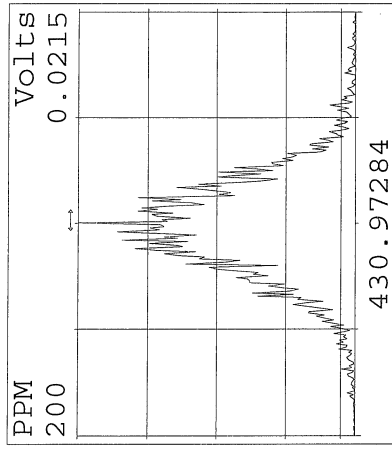
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 Experiment:1668A Function:5 Reference:PFK



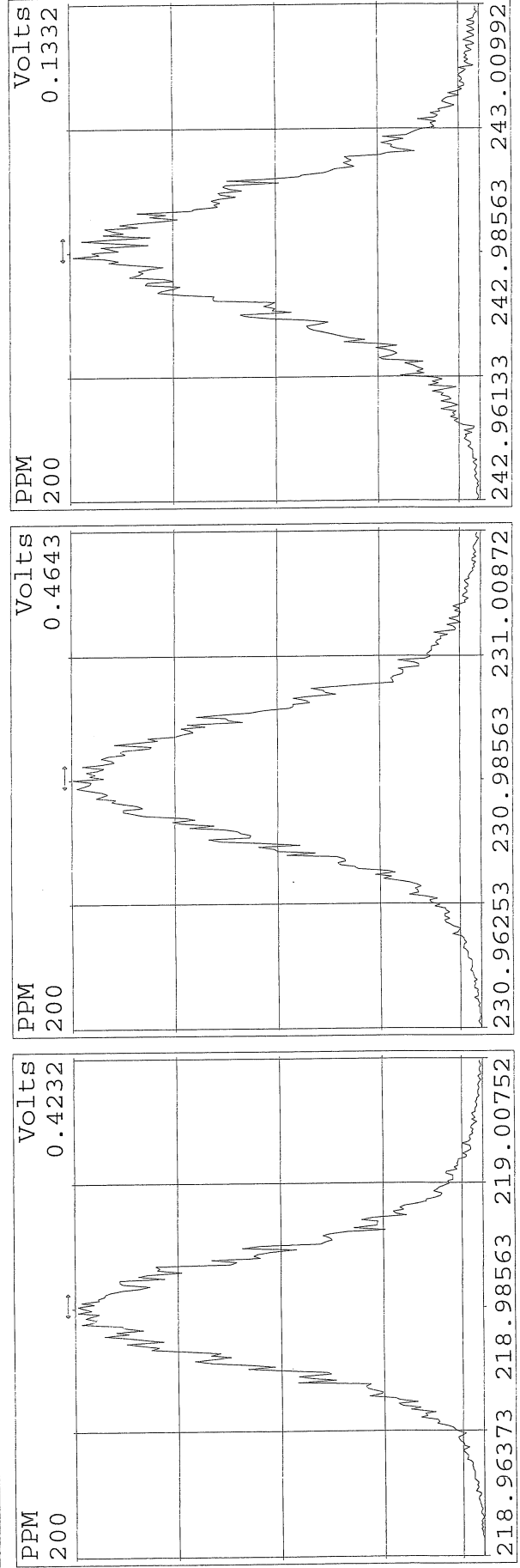
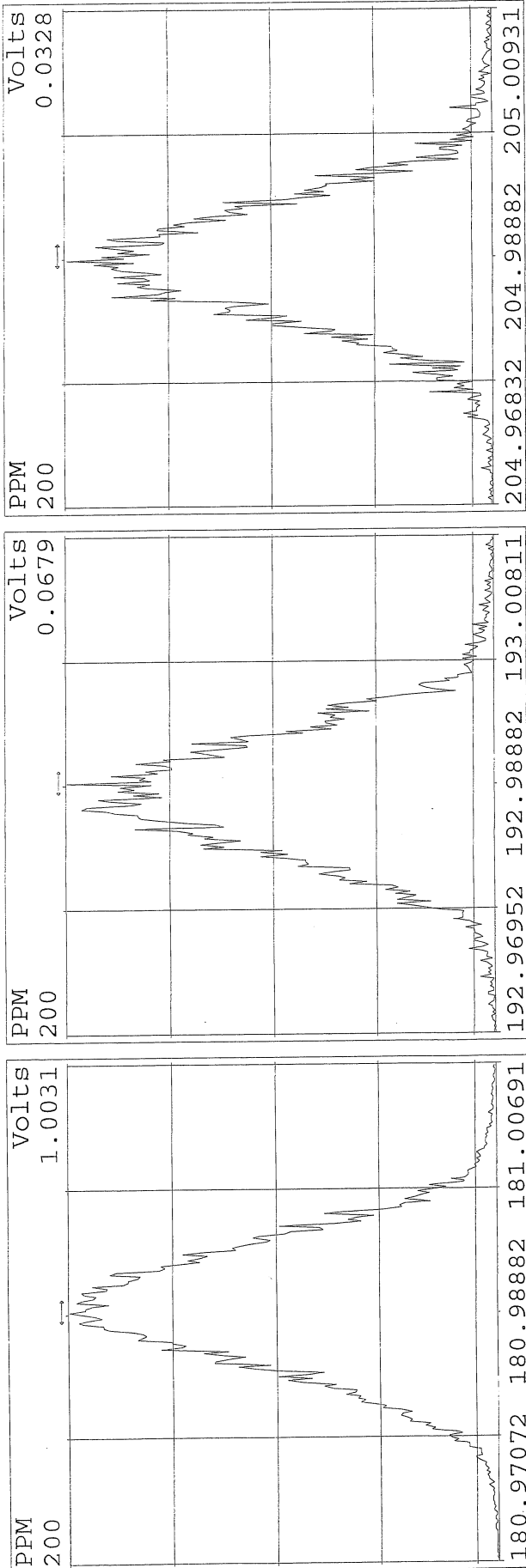
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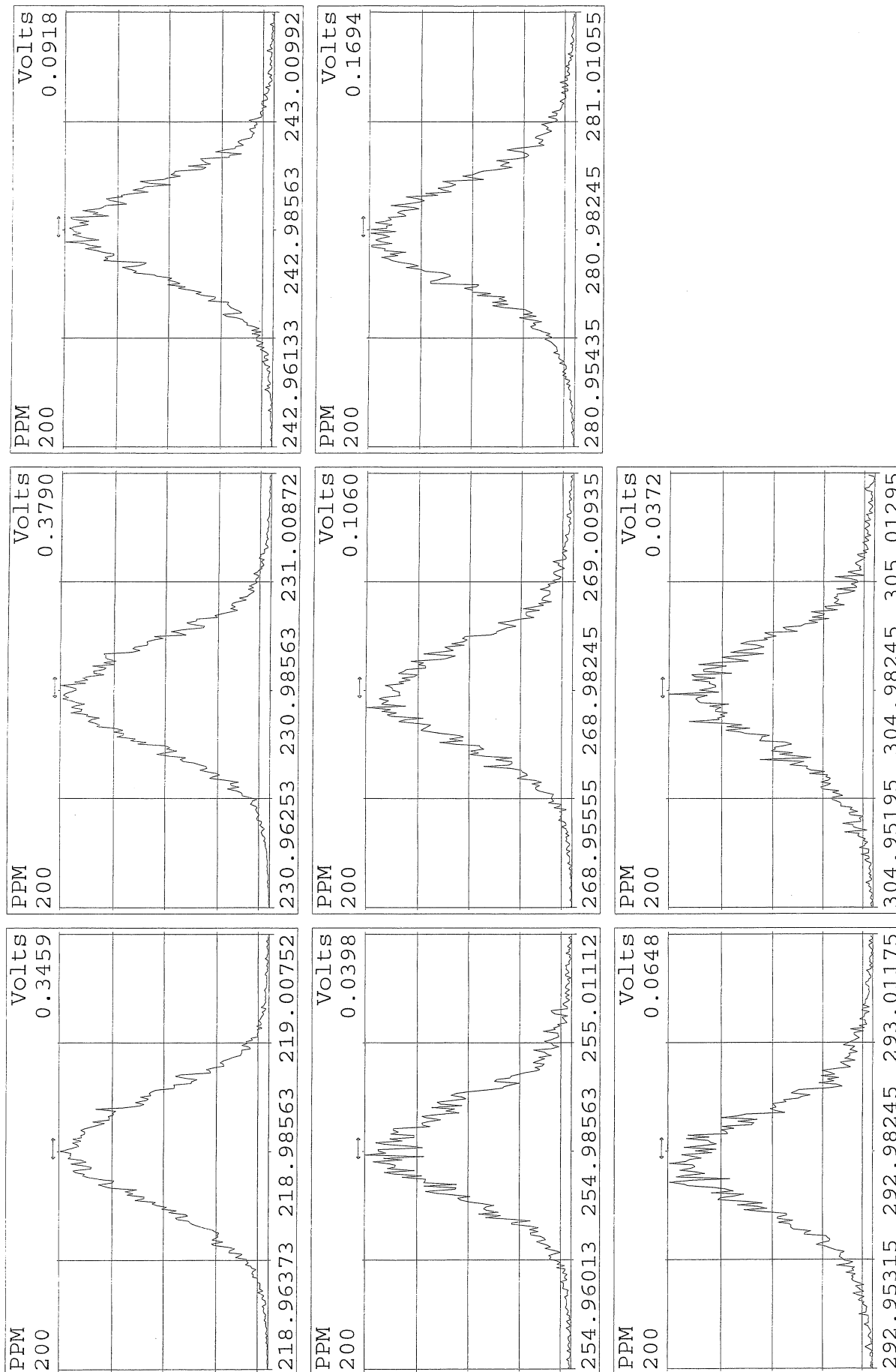
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Experiment:1668A Function:7 Reference:PFK



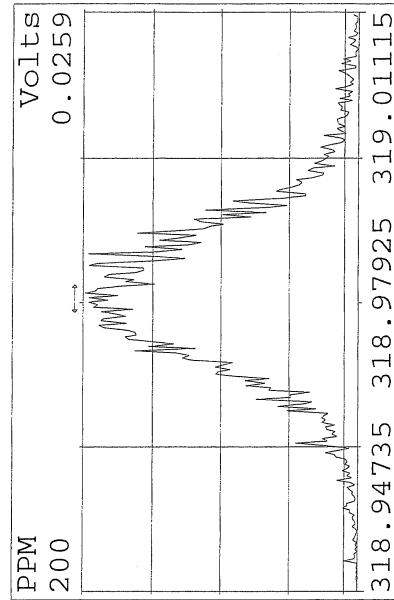
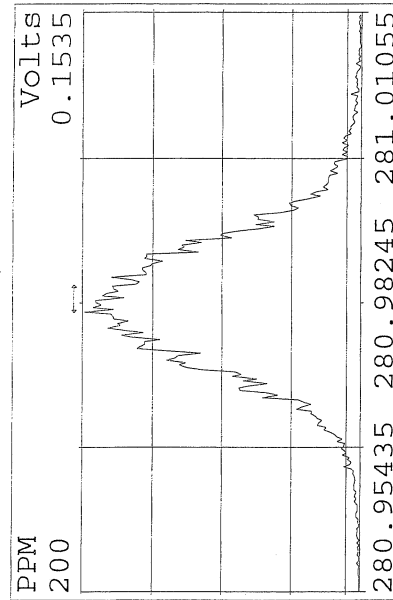
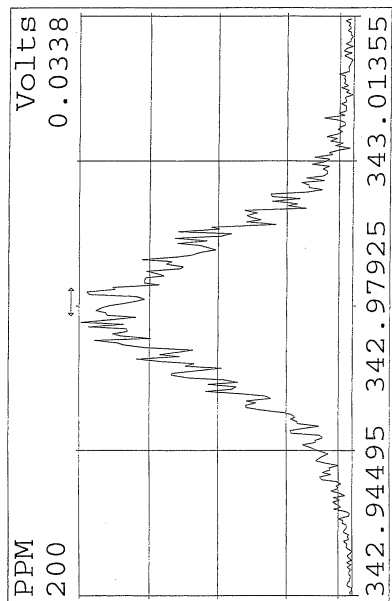
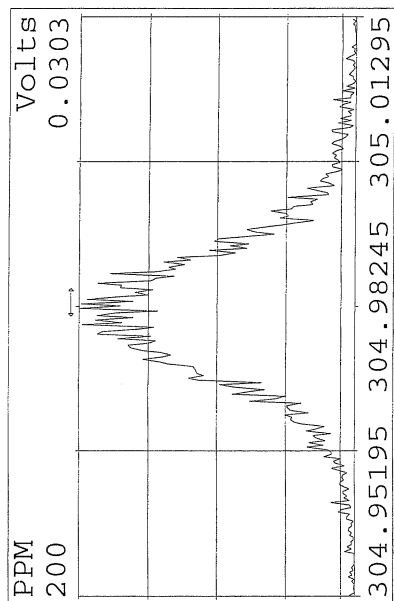
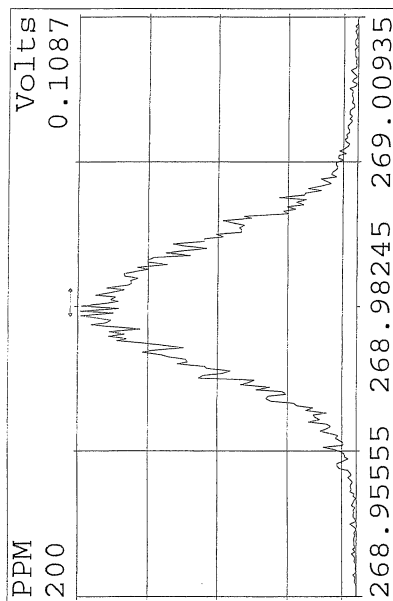
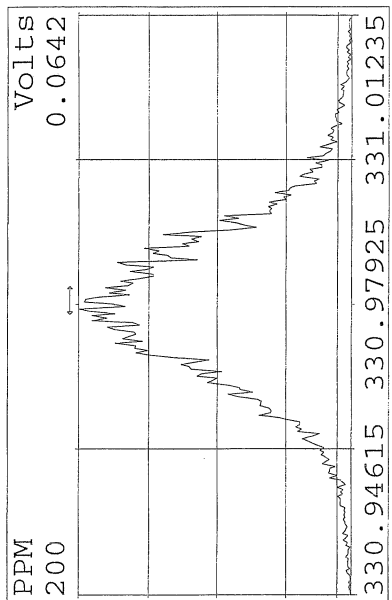
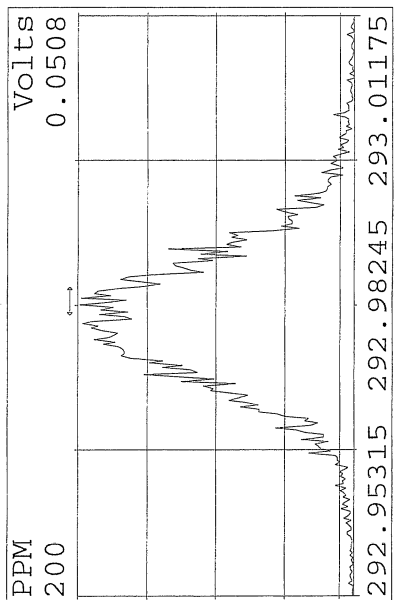
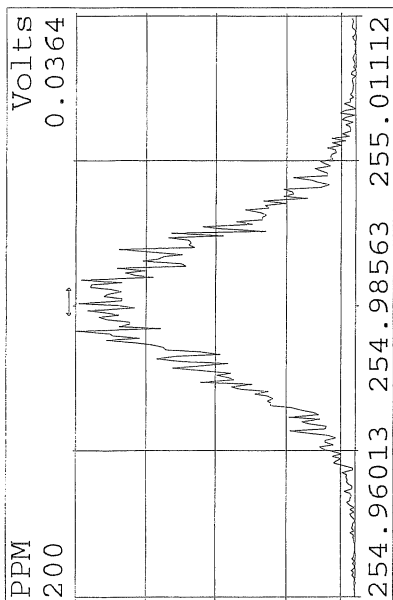
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Experiment:1668A Function:1 Reference:PFK



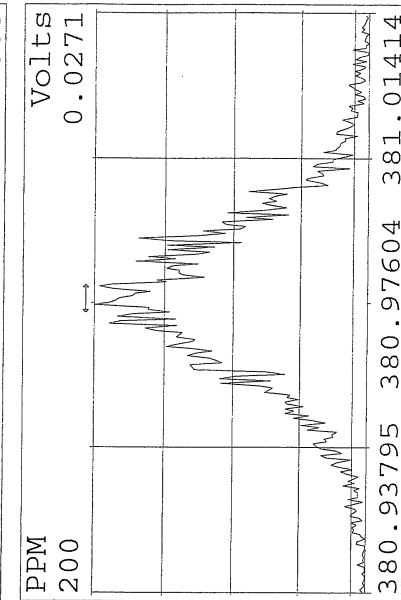
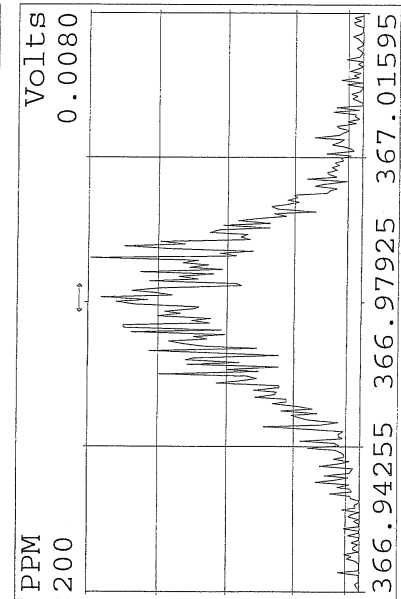
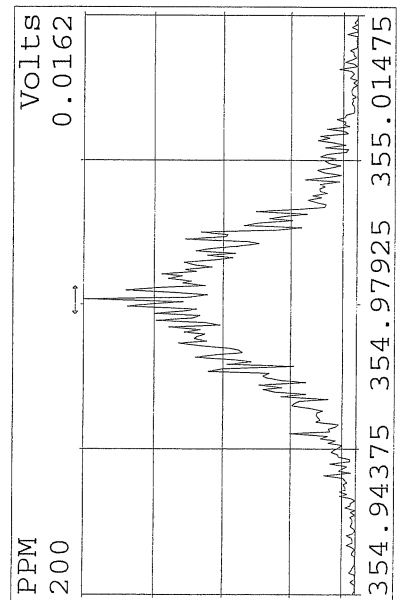
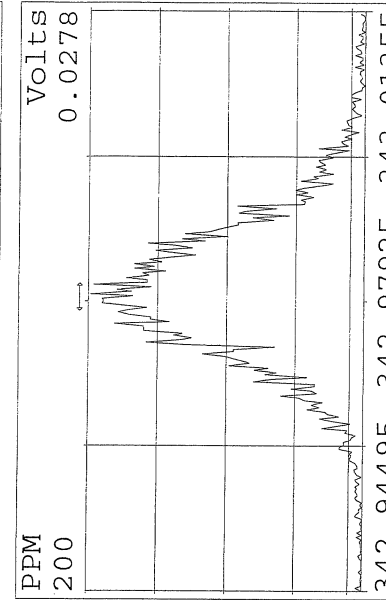
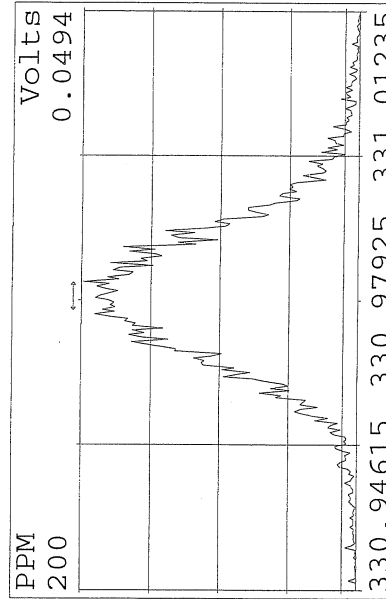
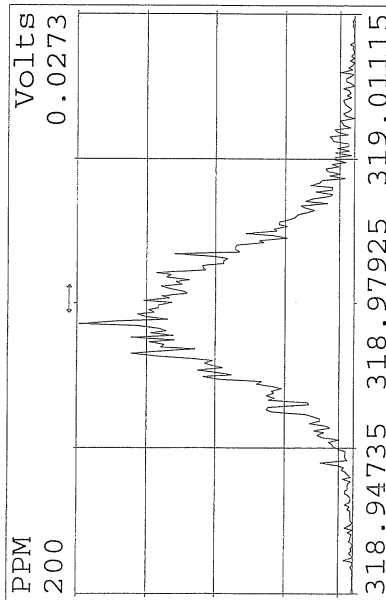
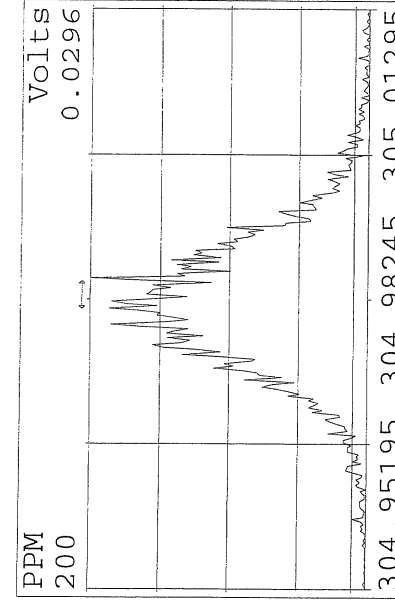
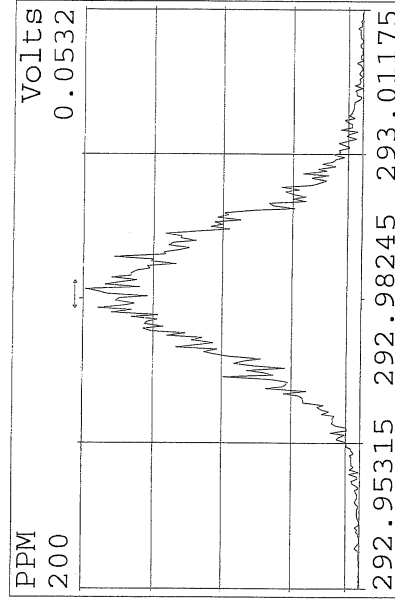
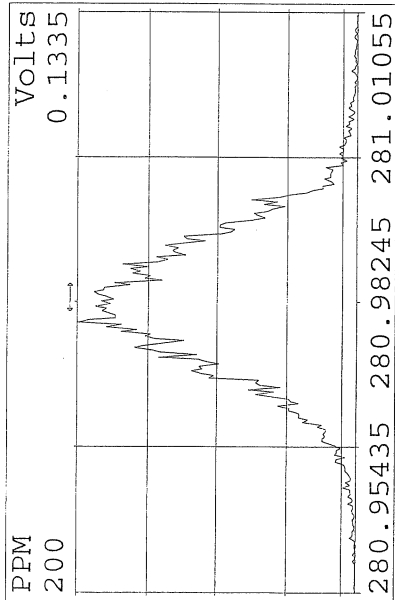
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 Experiment: 1668A Function: 2 Reference: PFK



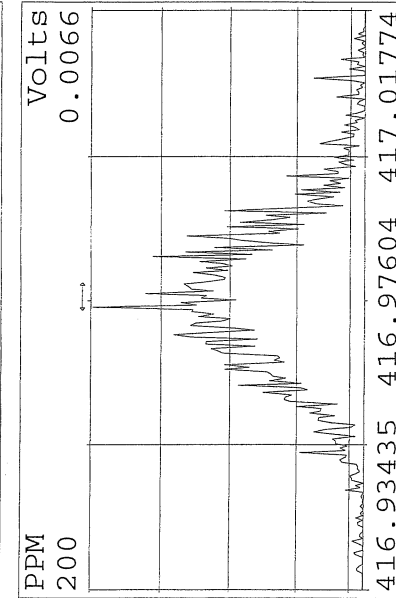
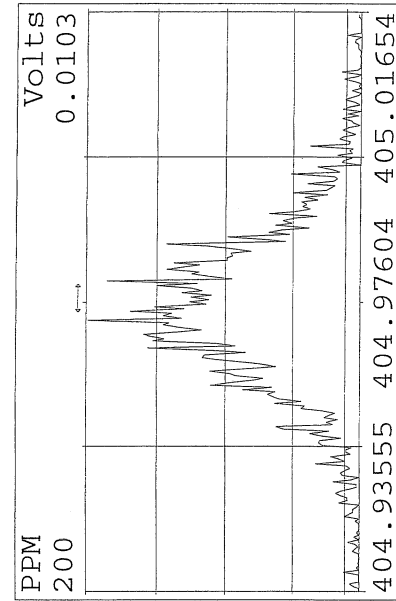
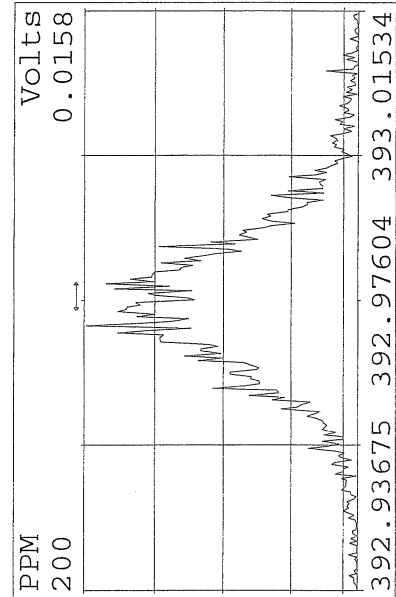
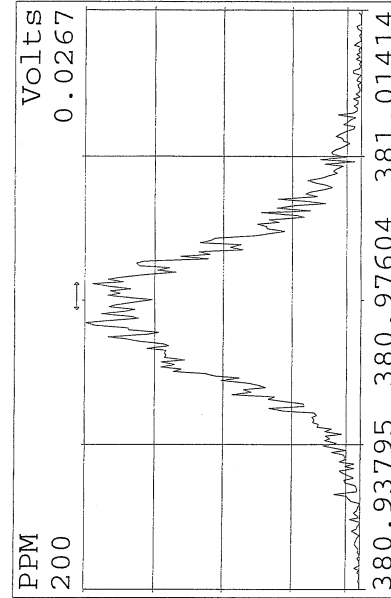
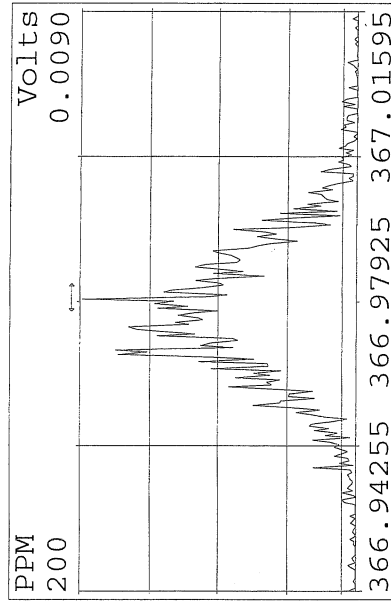
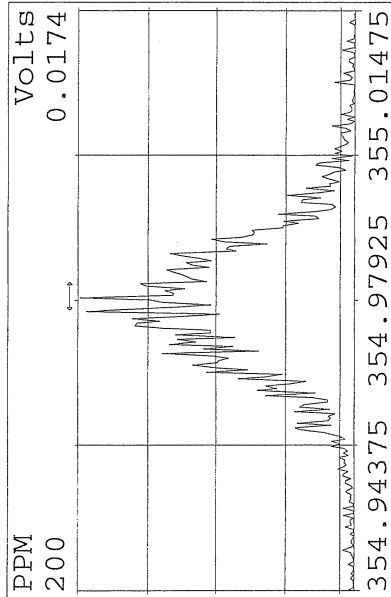
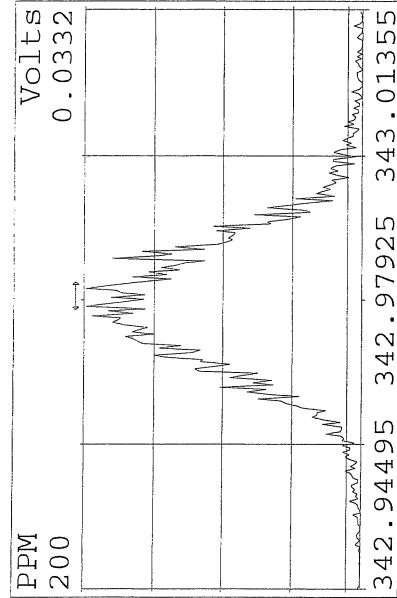
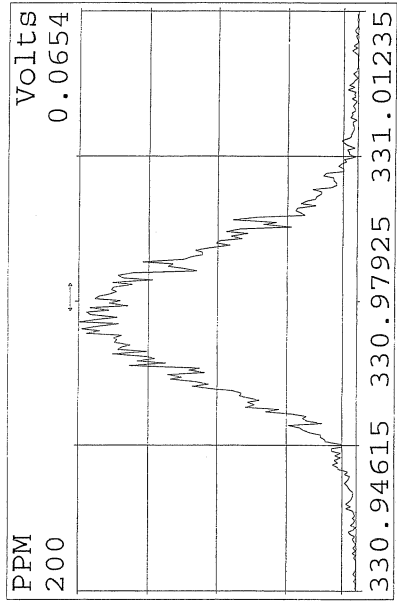
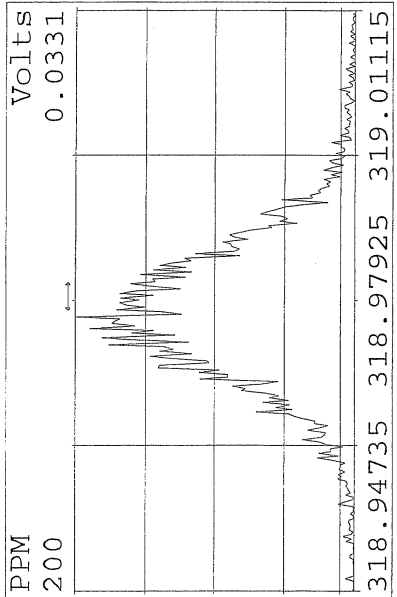
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Experiment:1668A Function:3 Reference:PFK



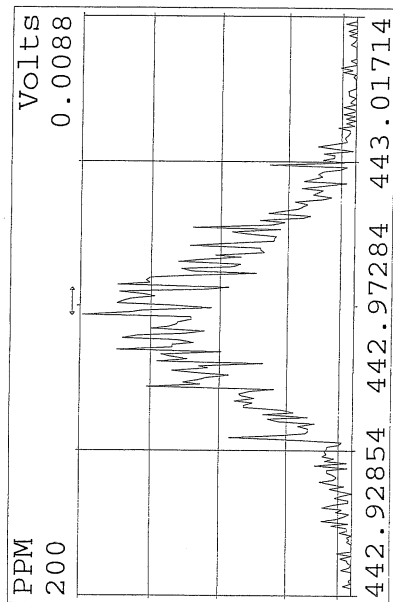
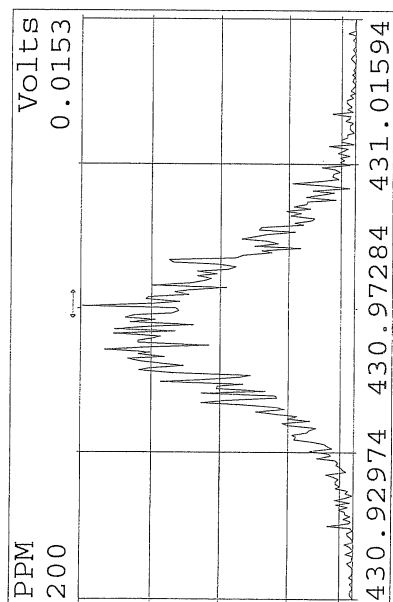
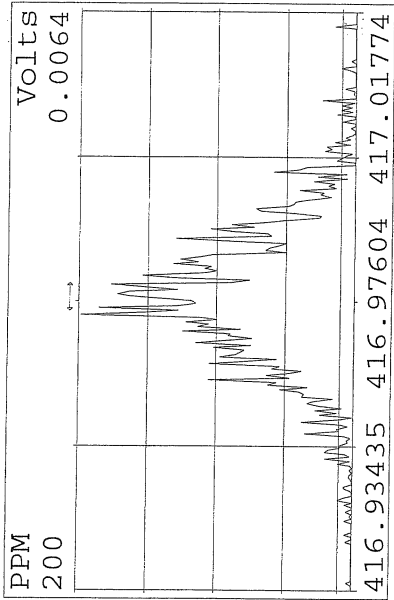
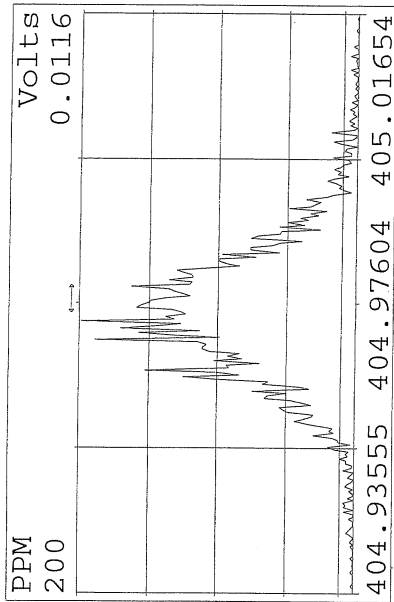
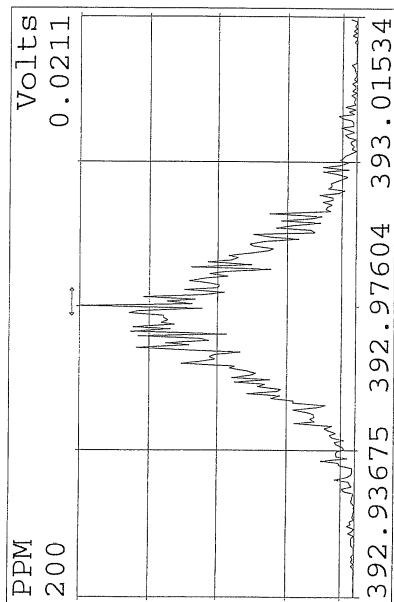
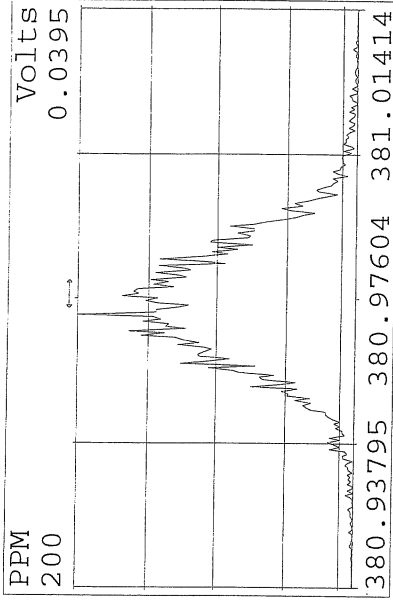
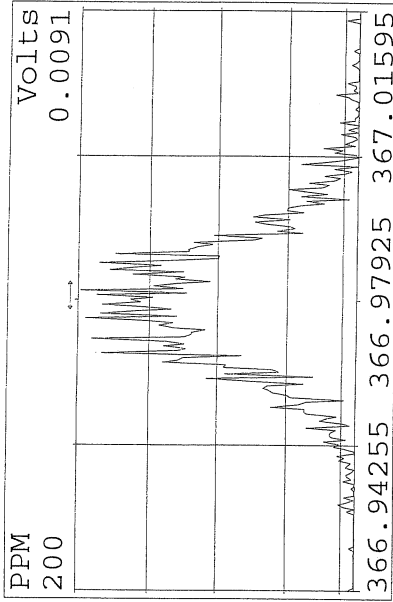
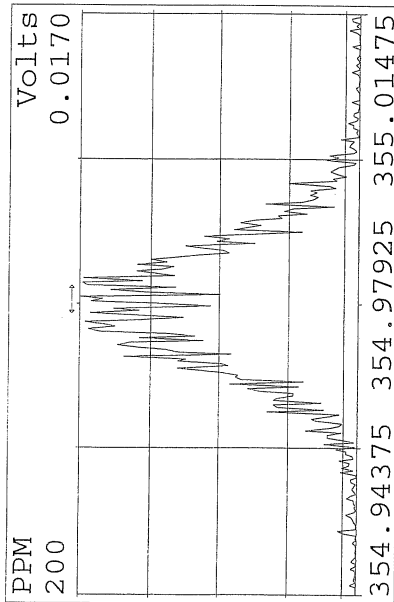
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Experiment:1668A Function:4 Reference:PFK



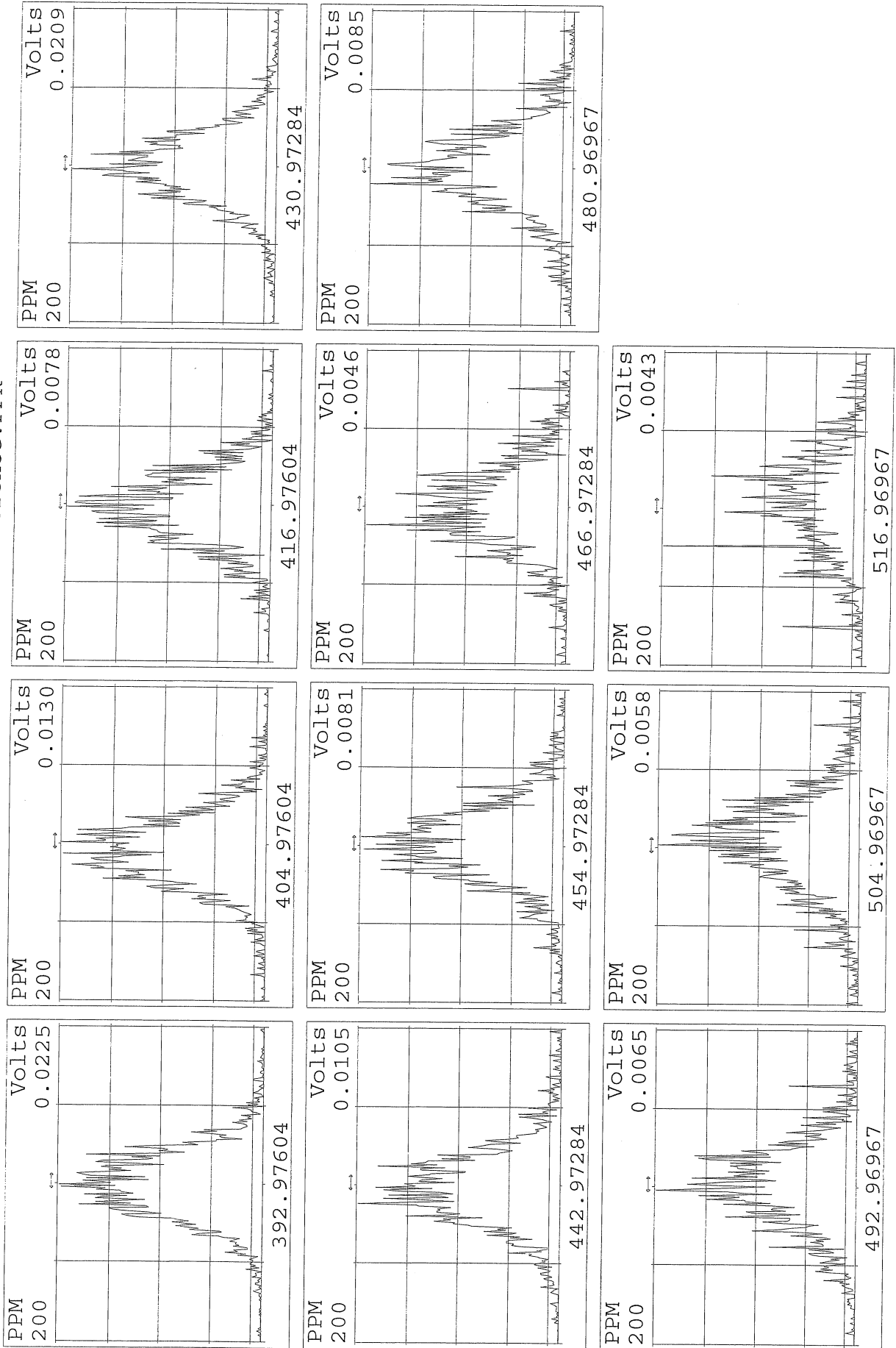
Peak Locate Examination:20-FEB-2016:09:23 File:M2160220
Experiment:1668A Function:5 Reference:PFK



Peak Locate Examination:20-FEB-2016:09:24 File:M2160220
Experiment:1668A Function:6 Reference:PFK



Peak Locate Examination:20-FEB-2016:09:24 File:M2160220
Experiment:1668A Function:7 Reference:PFK





4.2 QA/QC Data

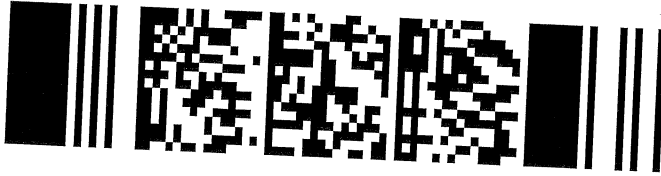
Maxxam Analytics International
6740 Campobello Rd
Mississauga, Ontario, Canada
L5N 2L8
1-800-668-0639
www.maxxamanalytics.com

M2160218D-PCB

File Name	File Text	Sample ID	Job	Wt/Vol
M2160211AS002	CS1_PCB 150417CXU	---	---	---
M2160211AS003	CS2_PCB 150417CXU	---	---	1.000000
M2160211AS004	CS3_PCB 150417CXU	---	---	1.000000
M2160211AS005	CS4_PCB 150417CXU	---	---	1.000000
M2160211AS006	CS5_PCB 150417CXU	---	---	1.000000
M2160211AS007	SOLVENT	---	---	1.000000
M2160211AS008	CIL CS3 PCB PR-22535L	---	---	1.000000
M2160211AS009	209MIX_PCB 150822CXU	---	---	1.000000
---	---	---	---	1.000000
---	---	---	---	0.000000
M2160218DS001	CS3_PCB 150417CXU	---	---	0.000000
M2160218DS002	209MIX_PCB 150822CXU	---	---	1.000000
M2160218DS003	SPIKE	---	---	1.000000
M2160218DS004	SPIKE:D1	WS#4386412/4378609, Ti	---	10.204400
M2160218DS005	SOLVENT	WS#4386412/4378609, Ti	---	10.148500
M2160218DS006	BLANK	---	---	1.000000
M2160218DS007	BRP508-01R	WS#4386412/4378609, Ti	---	10.271500
M2160218DS008	BRP509-01R	Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti	---	10.237800
M2160218DS009	BRP510-01R	Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti	---	10.141900
M2160218DS010	BRP510-01R:D1	Anchor QEA, PG-WS-1-MUS-COC-160104, Ti	---	10.076300
M2160218DS011	BRP511-01R	Anchor QEA, PG-WS-1-MUS-COC-160104, Ti	---	10.172800
M2160218DS012	REF MAT	Anchor QEA, PG-GP-1-MUS-COC-160104, Ti	---	10.019100
M2160218DS013	SOLVENT BLANK	WS#4386412/4378609, Ti	---	7.884600
M2160218DS014	CS3_PCB 150417CXU	WS#4386412/4378609, Ti	---	1.000000
M2160218DS018	MSPIKE	---	---	1.000000
		WS#4386412/4378609, Ti	---	1.000000

WS# : 4386412

Page #: 1/2



Report Name : Worksheet - (Liquids and Solids)

Assignment Date : Thursday, February 18, 2016

Assigned to : Cathy Xu

Test Code : PCBCONHR-T

Instrument Id: 220-GCHRMS2

Test Description : To determine PCB congeners in tissue - full list of congeners (must specify whether to calculate on Lipid content).

Job Number	Sample Number	D	Sample ID	F	% Moisture	Wt or Vol	Final Vol	DF or AF	# Cont	Expiry Date	Test DeadLine	Criteria	Extract Date
	REF MAT		MHRPD										
	SPIKE	0	MHRPD										2016/02/11
	SPIKE	1	MHRPD										2016/02/11
	BLANK												2016/02/11
B612062	*BRP508-01R		PG-SMA2-2-MUS-*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP509-01R		PG-PJ-1-MUS-COC*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP510-01R	0	PG-WS-1-MUS-CO*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP510-01R	1	PG-WS-1-MUS-CO*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP511-01R		PG-GP-1-MUS-CO*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP512-01R		PG-SMA2-5-MUS-*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP513-01R		PG-SMA2-4-MUS-*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612077	*BRP572-01R		PG-T0-MUS-COC-*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B618913	BTC221-01R		FISH MEAL 5-3444*						1	2016/10/29	2016/02/23 23:00		2016/02/11
B622429	BUA897-01R		PCB CONGENERS*						1		2016/02/26 17:00		2016/02/11
									1		2016/02/28 18:00		2016/02/11

Remarks: _____

Samples extracted by: Sanjaykumar Patel

Instrumentation performed by: Cathy Xu

Calculations performed by: Amygd Hassan

Validated by: [Signature]

Date: 16/02/18

Date: 18-02-22

Date: 16/02/23

Ultra Trace - Worksheet Validation Checklist

Prep Worksheet # 4378609 Instrument Worksheet # 4386412
 Testcode: PREPPCB-T1 Testcode: PCBCONHR-T

Sample Preparation

		yes	no	n/a
1	Samples extracted within hold time			
2	Client sample ID verified against Lab ID	✓		
3	Job Remarks reviewed on 2nd page of worksheet & testcodes reviewed for spiking	✓		
4	Method required QC processed with samples	✓		
5	Sample, duplicate, matrix spike appear similar, initial sample as well as final extract	✓		
6	Sample weight or initial volume and extract final volume, aliquot factor clearly recorded.	✓		
7	If performed any additional dilution clearly recorded	✓		
8	Spiking solutions valid (haven't expired), ID and volume used clearly identified on worksheet	✓		
9	Spiking process witnessed and signed off	✓		
10	Sample prep deviations documented on Bench Level Deviation Form (CAM FCD-00328)	✓		
11	tracking sheets completed			✓
Prepared by: <u>[Signature]</u> Date: <u>2016/02/11</u>		✓		
Comments:				

Reviewed by:
[Signature]
2016/02/18

Primary review by the analyst - 100 % analysis review

		yes	no	n/a
1	System performance check acceptable (if applicable)	✓		
2	Analysis set-up meets method criteria	✓		
3	Tuning and correct calibration used - criteria meets method criteria	✓		
4	SQC/Control Charts updated, analysis in statistical/method control	✓		
5	Internal area counts checked (if applicable)	✓		
6	LCS, SRM are within acceptance criteria	✓		
7	Surrogate Recovery(s) is within acceptance criteria	✓		
8	Method Blank meets acceptance criteria	✓		
9	Matrix Spike recovery(s) meets acceptance criteria	✓		
10	Duplicate precision meets acceptance criteria	✓		
11	QC is documented on the run logs	✓		
12	Runs checked for carryover	✓		
13	Prep log / worksheet(s) are present, signed / dated by a prep / instrument analysts	✓		
14	Initial weights, splits, impinger volumes (where applicable) are documented	✓		
15	Samples above calibration range diluted and reanalyzed	✓		
16	Dilution factors (where justified) have been checked for correctness and entered	✓		
17	Analytical observations/anomalies documented in LIMS	✓		
18	If corrective actions were applied they are documented, initialed & dated	✓		
19	Transferred data is approved in LIMS for correctness	✓		
20	Sample Prep section (above) reviewed and verified.	✓		
21	Data package assembled (where required)	✓		
Data Approved by: <u>[Signature]</u> Date: <u>02-22-22</u>				✓
Comments:				

Secondary Supervisor/Qualified Data Review Staff

		yes	no	n/a
1	Repeats documented and referenced	✓		
2	Method and sample deviations noted, anomalies described (if applicable)	✓		
3	Data and QC validated in LIMS	✓		
4	Manual integration - before & after data with a reason included, initialed & dated	✓		
5	Random calculation checked	✓		
6	Worksheet(s) and sample prep sheets (FCDs) signed and dated	✓		
7	Data Package (if required) checked for completeness	✓		
Validatus Checked by: <u>[Signature]</u> Date: <u>16/02/23</u>		✓		
Comments:				

Note: Primary and Secondary Internal Data Review Check must be performed by a different person

HRMS Sample Information Transfer

Analyst: Saujan

Date: 2016/02/11

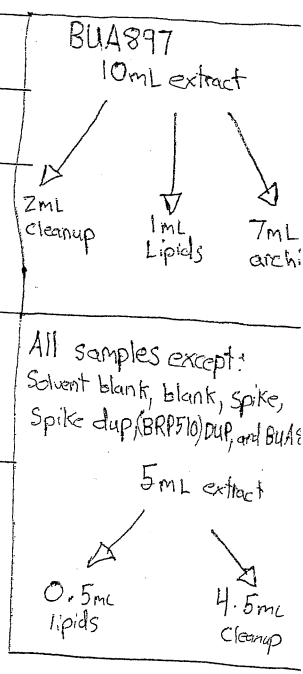
WS # 4378609

Extraction Status: _____

Roto-Vap Status: Done 2016/02/13 MH
Filtered/Transferred 2016/02/13 MH

Cleanup Status: Lipids done, Started on GPC - MRZ 2016 02 13
rotovaped after GPC 2016/02/14 MH

Acid Column Done 2016/02/14 MH
- PCB column done, need to blow down. 2016/02/16 MH



Reacti-Vial: done 2016-02-18 Starts 2016/02/18

Completion Date: 2016/02/18

HR Soil/Tissue/Food Tracking Sheet

Solvent	MeCl ₂	Lot No	157981	Date & Time	2016/02/11 4:30pm
Hexane	Soxhlet Burner On	Soxhlet Burner Off	157979	Cleaned up by:-	WST
M/Toluene	GPC'd By	GPC Date	M2Z	Rotovape ID	6, 2, 1, 7
n-Pentane	GPC ID #	FMS Used by:-	20160213	Spiking Witness by: <i>AD, LGS</i> 2016/02/11	
Na ₂ SO ₄					
Acetone					
Silica					
DF					

*Note: If samples are cleaned up by FMS then attach the FMS FGD.

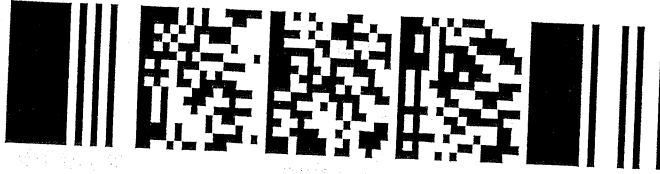
Solvent/Absorbent	Lot#/Lab ID	Solvent/Absorbent	Lot#/Lab ID	Solvent/Absorbent	Lot#/Lab ID
44% Acid Silica		4%DCM : Hexane		50% Toluene : Ethyl Acet	
33% KOH Silica		Alumina		50%DCM : Hexane	
10% AgNO ₃		50%DCM : Cyclohex.		Carbon	
Surrogate/Spike solutions	Syringe ID		Concentration	MTD SPK	Mx. Spk.
EPA Mtd 23 Internal Std Soln			13C12-T4-H7DD/DF @ 100 pg/ul 13C12-O8CDD @ 200 pg/ul	Carbon	
EPA Mtd 23 Matrix Spiking Soln			T4-H7DD/DF @ 250pg/ul O8CDD/DF @ 500pg/ul		
EPA Mtd 1613 Internal Std. Soln			13C12-T4-H7DD/DF @ 100pg/ul 13C12-O8CDD @ 200pg/ul		
EPA Mtd 1613 Matrix Spiking Soln			T4 @ 40 P5-H7DD/DF @ 200 pg/ul O8CDD/DF @ 400 pg/ul		
EPA Mtd 1613 Alt. Spike (Clean-up)			37C14-2378-T4CDD @ 40pg/ul		
EPA Region IV (0290) Internal Std Soln			13C12-T4-F5 @ 100pg/ul H6-H7 @ 250 pg/ul 13C12O8CDD @ 500 pg/ul		
EPA Region IV (0290) Mat. Spiking Soln			T4-H7DD/DF @ 25 pg/ul O8CDD/DF @ 50 pg/ul		
PAHs					
Solvent/ Absorbent	Lot#/Lab ID		Concentration	MTD SPK	Mx. Spk.
1% Deact. Alumina			5-10 ng/ul		
Surrogate/Spike solutions	Syringe ID		5ng/ul		
CARB 429 Internal Std Soln (PAH)					
CARB 429 Matrix Spiking Soln					

Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID
44% Acid Silica	2016 02/02 07	3% Deactivated Silica	2016-02-05 #2	H2SO4	
Copper	09C	Nonane	H1B D8765V	HCl	
3% Deactivated Florisil	2016-02-05 #2				
Surrogate/Spike solutions	Syringe ID		Concentration		
HR PCB Internal Std Soln	15 HRMS-22 ✓		0.4ng/ul		
HR PCB Matrix Spiking Soln	18 HRMS-23 ✓		0.1ng/ul		
HR PCB Alternate (Clean-up) Spike	14 HRMS-13		0.4ng/ul		
OCS	14 HRMS-27				
Solvent/ Absorbent	Lot#/Lab ID		Concentration	MTD SPK	Mx. Spk.
Petroleum Ether			5ml		5ml
Ethyl Acetate			10ml		10ml
Surrogate/Spike solutions	Syringe ID		5ml		5ml
HR OC Internal Std Soln					
HR OC Matrix Spiking Soln					
COMMENTS:-					

Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID
Petroleum Ether		1% Deactivated Florisil		50% Toluene : Ethyl Acet	
Ethyl Acetate		20% Ethyl Acet. Petroleum Ether		Carbon	
Surrogate/Spike solutions	Syringe ID		Concentration	MTD SPK	Mx. Spk.
HR OC Internal Std Soln			4ng/ul		
HR OC Matrix Spiking Soln			5ng/ul		
COMMENTS:-					

WS# : 4378609

Page #: 1/2



Report Name : Worksheet - (Liquids and Solids)

Assignment Date : Thursday, February 11, 2016

Assigned to : Sanjaykumar Patel

Test Code : PREPPCB-TI

Instrument Id:

Test Description : Preparation of tissue by 1668 for PCBs

Job Number	Sample Number	D	Sample ID	F	% Moisture	Wt or Vol	Final Vol	DF or AF	# Cont	Expiry Date	Test DeadLine	Criteria	Extract Date
	REF MAT		B 1974C		T40	7.8846	100ml						
	SPIKE	0	BFM 737		T31	0.2044						T40	2016/02/11
	SPIKE	1	BFM 737		T67	0.1485						T53	2016/02/11
	BLANK		BFM 737		T59	0.2715						T74	2016/02/11
B612062	BRP508-01R		PG-SMA2-2-MUS-*		T151	0.2378			1	2017/01/03	2016/02/10 18:00	T5	2016/02/11
B612062	BRP509-01R		PG-PJ-1-MUS-COC*		T161	0.1419			1	2017/01/03	2016/02/10 18:00	T86	2016/02/11
B612062	BRP510-01R	0	PG-WS-1-MUS-CO*		T162	0.0763			1	2017/01/03	2016/02/10 18:00	T36	2016/02/11
B612062	BRP510-01R	1	PG-WS-1-MUS-CO*		T153	0.1728			1	2017/01/03	2016/02/10 18:00	T87	2016/02/11
B612062	BRP511-01R		PG-GP-1-MUS-CO*		T50	0.0191			1	2017/01/03	2016/02/10 18:00	T71	2016/02/11
B612062	BRP512-01R		PG-SMA2-5-MUS-*		T164	0.6344			1	2017/01/03	2016/02/10 18:00	T93	2016/02/11
B612062	BRP513-01R		PG-SMA2-4-MUS-*		T35	0.1339			1	2017/01/03	2016/02/10 18:00	T55	2016/02/11
B612077	BRP572-01R		PG-T0-MUS-COC-*		T9	0.0914			1	2016/10/29	2016/02/10 18:00	B34	2016/02/11
B618913	BTC221-01R		FISH MEAL 5-3444*		T36	0.2362			1		2016/02/22 17:00	T98	2016/02/11
B622429	BUA897-01R		PCB CONGENERS*		T150	0.3555		5	1		2016/02/22 17:00	T200	2016/02/11
	BLK		Nonyl solvent		T38			10X	1		2016/02/21 18:00	T191	2016/02/11
	MS											T17	

Remarks: 2016 02 13 BUA897 1/5 of sample extract used for cleanup MR2

Samples extracted by: Sanjaykumar Patel
 Instrumentation performed by: _____
 Calculations performed by: _____
 Validated by: _____

Date: _____
 Date: _____
 Date: _____

Job No.	Rep	Client Name	Contact	Client Tier	National
	Remarks				
GB612062	MDG Anchor QEA, LLC	Anchor QEA Reporting			
	PCBCONHR-T ANCHOR QEA Project. ***Please extract SRM and Spike Dup*** 4 week TAT ANCHOR EQuis EDD. Please contact client before disposal of samples. Store any remaining mass frozen. Project #: ATS0				
GB612077	MDG Anchor QEA, LLC	Anchor QEA Reporting			
	PCBCONHR-T Anchor QEA Project. ***Please extract SRM and Spike Dup*** 4 week TAT ANCHOR EQuis required. Please contact client prior to disposal. Store any remaining mass frozen. Project #: APR4				
FB618913	MDC Maxxam BRL PT Programs	Salima Haniff		Tier 4 (Enviro.)	
	Project #: BIPEA JANUARY 2016				
GB622429	MDC Maxxam BRL PT Programs	Salima Haniff		Tier 4 (Enviro.)	
	Please report data for DF8290-S and DF1613-S on separate final reports. Refer to the attached sample handling instructions before processing samples. Project #: LPTP16-S1				

2016/02/11

Surrogates/Spikes	Method Spike	Spikes	Samples

Sample	Preparation Remarks

Sample	Instrumentation Remarks

REPORTING PACKET

First Choice for Quality |

SIGMA-ALDRICH 

PCB CONGENERS IN FISH TISSUE - PT
Sample Item Number SPE068TIS-30G

B 622429

Description

The PT sample size provided is 30 g of biological fish matrix. Recommended storage condition is 4° C.

Sample Preparation

Mix Prior to use. Recommended minimum sampling size is 1 gram. Analyze The sample using the preparatory and determinative method(s) for which you are seeking accreditation. Note: Sample extracts and calibration solutions should be in the same solvent. Report on a dry weight basis.

Sample ID **BLANK**
 Comments
 Instrument File Ultima 3
 Sample Size 10.272

Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng	Code	Isomers	DL	S/N	Mod	rrf	Rec
1 PCB 1	188	NotFnd	*	*	*	-0.00061			-0.00061	*	no	1.082	-
	MoCB 190	8.98	*	no	*					*			
2 PCB 2	188	NotFnd	*	*	*	-0.00055			-0.00055	*	no	1.2	-
	MoCB 190	10.10	*	no	*					*			
3 PCB 3	188	NotFnd	*	*	*	-0.00061			-0.00061	*	no	1.079	-
	MoCB 190	10.19	*	no	*					*			
4 PCB 4	222	NotFnd	*	*	*	-0.00208			-0.00208	*	no	0.954	-
	DICB 224	10.29	*	no	*					*			
5 PCB 10	222	NotFnd	*	*	*	-0.00162			-0.00162	*	no	1.229	-
	DICB 224	10.36	*	no	*					*			
6 PCB 9	222	NotFnd	*	*	*	-0.00201			-0.00201	*	no	1.311	-
	DICB 224	11.18	*	no	*					*			
7 PCB 7	222	NotFnd	*	*	*	-0.00226			-0.00226	*	no	1.165	-
	DICB 224	11.26	*	no	*					*			
8 PCB 6	222	NotFnd	*	*	*	-0.002			-0.002	*	no	1.319	-
	DICB 224	11.34	*	no	*					*			
9 PCB 5	222	NotFnd	*	*	*	-0.00268			-0.00268	*	no	0.983	-
	DICB 224	11.50	*	no	*					*			
10 PCB 8	222	11.55	-2461	1.56	-4038.56	-0.00227	PCB 8 NDR		-0.00181	45	xL	1.456	-
	DICB 224	11.55	-1577.56	OK						4			
11 PCB 14	222	NotFnd	*	*	*	-0.00198			-0.00198	*	no	1.332	-
	DICB 224	12.26	*	no	*					*			
12 PCB 11	222	12.64	8466	1.43	14390	0.009181			-0.00205	120	yes	1.285	-
	DICB 224	12.66	5924	yes						8			
13 PCB 13/12	222	NotFnd	*	*	*	-0.00218			-0.00218	*	no	1.21	-
	DICB 224	12.81	*	no	*					*			
14 PCB 15	222	NotFnd	*	*	*	-0.00303			-0.00303	*	no	0.871	-
	DICB 224	12.96	*	no	*					*			
15 PCB 19	256	NotFnd	*	*	*	-0.00219			-0.00219	*	no	0.899	-
	TriCB 258	11.70	*	no	*					*			
16 PCB 30/18	256	12.49	1114	1.04	2182	-0.00242			-0.00242	*	yes	0.813	-
	TriCB 258	12.48	1068	no						*			
17 PCB 17	256	12.68	485	1.11	920	-0.00289			-0.00289	*	yes	0.683	-
	TriCB 258	12.69	435	no						*			
18 PCB 27	256	NotFnd	*	*	*	-0.00197			-0.00197	*	no	1.002	-
	TriCB 258	12.78	*	no	*					*			
19 PCB 24	256	NotFnd	*	*	*	-0.00231			-0.00231	*	no	0.855	-
	TriCB 258	12.87	*	no	*					*			
20 PCB 16	256	12.91	399	1.28	711	-0.00393			-0.00393	*	yes	0.501	-
	TriCB 258	12.90	311	no						*			
21 PCB 32	256	13.14	421	1.12	798	-0.0018			-0.0018	*	yes	1.093	-
	TriCB 258	13.14	377	no						*			
22 PCB 34	256	NotFnd	*	*	*	-0.0005			-0.0005	*	no	1.235	-
	TriCB 258	13.74	*	no	*					*			
23 PCB 23	256	NotFnd	*	*	*	-0.0006			-0.0006	*	no	1.033	-
	TriCB 258	13.82	*	no	*					*			
24 PCB 26/29	256	13.97	584	1.02	1158	0.000689			-0.00051	5	yes	1.221	-
	TriCB 258	13.99	574	yes						5			
25 PCB 25	256	NotFnd	*	*	*	-0.00047			-0.00047	*	no	1.334	-
	TriCB 258	14.10	*	no	*					*			
26 PCB 31	256	14.26	3058	0.96	6241	0.003395			-0.00047	25	no	1.335	-
	TriCB 258	14.26	3182	yes						27			
27 PCB 28/20	256	14.42	3570	1	7144	0.004359			-0.00052	28	no	1.191	-
	TriCB 258	14.43	3574	yes						28			
28 PCB 21/33	256	14.55	2069	1.08	3984	0.002306			-0.0005	15	no	1.255	-
	TriCB 258	14.53	1914	yes						15			
29 PCB 22	256	14.75	1262	1.02	2496	0.001609			-0.00055	9	no	1.127	-
	TriCB 258	14.76	1234	yes						10			
30 PCB 36	256	NotFnd	*	*	*	-0.0004			-0.0004	*	no	1.57	-
	TriCB 258	15.60	*	no	*					*			
31 PCB 39	256	NotFnd	*	*	*	-0.00047			-0.00047	*	no	1.32	-
	TriCB 258	15.83	*	no	*					*			
32 PCB 38	256	NotFnd	*	*	*	-0.00043			-0.00043	*	no	1.438	-
	TriCB 258	16.18	*	no	*					*			
33 PCB 35	256	NotFnd	*	*	*	-0.00039			-0.00039	*	no	1.597	-
	TriCB 258	16.45	*	no	*					*			
34 PCB 37	256	16.70	1380	1.06	2682	0.001432			-0.00069	9	no	0.906	-
	TriCB 258	16.70	1303	yes						9			
35 PCB 54	290	NotFnd	*	*	*	-0.00016			-0.00016	*	no	0.911	-
	TCB 292	13.08	*	no	*					*			
36 PCB 53/50	290	NotFnd	*	*	*	-0.00198			-0.00198	*	no	0.654	-
	TCB 292	14.11	*	no	*					*			
37 PCB 45/51	290	NotFnd	*	*	*	-0.00204			-0.00204	*	no	0.633	-
	TCB 292	14.49	*	no	*					*			
38 PCB 46	290	NotFnd	*	*	*	-0.00234			-0.00234	*	no	0.554	-
	TCB 292	14.64	*	no	*					*			
39 PCB 52	290	15.36	1101	0.86	2379	0.00202			-0.00155	5	no	0.834	-
	TCB 292	15.38	1277	yes						4			
40 PCB 73	290	NotFnd	*	*	*	-0.00159			-0.00159	*	no	0.813	-
	TCB 292	15.46	*	no	*					*			
41 PCB 43	290	NotFnd	*	*	*	-0.00251			-0.00251	*	no	0.516	-
	TCB 292	15.52	*	no	*					*			
42 PCB 69/49	290	15.65	896	0.88	1920	0.001598			-0.00152	4	yes	0.851	-
	TCB 292	15.64	1024	yes						4			

43 PCB 48	290	NotFnd	*	*	*	-0.00192		-0.00192	*	no	0.673	-
	TCB 292	15.84	*	no					*			
44 PCB 44/47/65	290	15.98	-1857.24	0.77	-4269.24	-0.00387	PCB 44/47/65 NDR	-0.00165	9	xL	0.783	-
	TCB 292	15.98	-2412	OK					8			
45 PCB 59/62/75	290	NotFnd	*	*	*	-0.00127		-0.00127	*	no	1.017	-
	TCB 292	16.16	*	no					*			
46 PCB 42	290	NotFnd	*	*	*	-0.0019		-0.0019	*	no	0.682	-
	TCB 292	16.29	*	no					*			
47 PCB 40/41/71	290	NotFnd	*	*	*	-0.00179		-0.00179	*	no	0.724	-
	TCB 292	16.58	*	no					*			
48 PCB 64	290	NotFnd	*	*	*	-0.0014		-0.0014	*	no	0.922	-
	TCB 292	16.71	*	no					*			
49 PCB 72	290	NotFnd	*	*	*	-0.00084		-0.00084	*	no	1.304	-
	TCB 292	17.19	*	no					*			
50 PCB 68	290	NotFnd	*	*	*	-0.0009		-0.0009	*	no	1.22	-
	TCB 292	17.40	*	no					*			
51 PCB 57	290	NotFnd	*	*	*	-0.0009		-0.0009	*	no	1.221	-
	TCB 292	17.68	*	no					*			
52 PCB 58	290	NotFnd	*	*	*	-0.00106		-0.00106	*	no	1.035	-
	TCB 292	17.83	*	no					*			
53 PCB 67	290	NotFnd	*	*	*	-0.00082		-0.00082	*	no	1.347	-
	TCB 292	17.94	*	no					*			
54 PCB 63	290	NotFnd	*	*	*	-0.00088		-0.00088	*	no	1.253	-
	TCB 292	18.13	*	no					*			
55 PCB 61/70/74/76	290	18.34	3641	0.81	8119	0.005187		-0.00099	10	no	1.109	-
	TCB 292	18.34	4478	yes					10			
56 PCB 66	290	18.57	2251	0.84	4921	0.002808		-0.00089	8	no	1.241	-
	TCB 292	18.58	2670	yes					9			
57 PCB 55	290	NotFnd	*	*	*	-0.0011		-0.0011	*	no	0.998	-
	TCB 292	18.71	*	no					*			
58 PCB 56	290	NotFnd	*	*	*	-0.0011		-0.0011	*	no	0.995	-
	TCB 292	19.05	*	no					*			
59 PCB 60	290	NotFnd	*	*	*	-0.00111		-0.00111	*	no	0.988	-
	TCB 292	19.22	*	no					*			
60 PCB 80	290	NotFnd	*	*	*	-0.0009		-0.0009	*	no	1.224	-
	TCB 292	19.48	*	no					*			
61 PCB 79	290	NotFnd	*	*	*	-0.00075		-0.00075	*	no	1.462	-
	TCB 292	20.61	*	no					*			
62 PCB 78	290	NotFnd	*	*	*	-0.00085		-0.00085	*	no	1.287	-
	TCB 292	21.06	*	no					*			
63 PCB 81	290	NotFnd	*	*	*	-0.00107		-0.00107	*	no	1.027	-
	TCB 292	21.43	*	no					*			
64 PCB 77	290	NotFnd	*	*	*	-0.00102		-0.00102	*	no	1.077	-
	TCB 292	21.87	*	no					*			
65 PCB 104	326	NotFnd	*	*	*	-0.00015		-0.00015	*	no	1.094	-
	PeCB 328	15.94	*	no					*			
66 PCB 96	326	NotFnd	*	*	*	-0.00018		-0.00018	*	no	0.874	-
	PeCB 328	16.16	*	no					*			
67 PCB 103	326	NotFnd	*	*	*	-0.00085		-0.00085	*	no	0.739	-
	PeCB 328	17.32	*	no					*			
68 PCB 94	326	NotFnd	*	*	*	-0.00117		-0.00117	*	no	0.54	-
	PeCB 328	17.47	*	no					*			
69 PCB 95	326	NotFnd	*	*	*	-0.00092		-0.00092	*	no	0.683	-
	PeCB 328	17.77	*	no					*			
70 PCB 100/93/102/98	326	NotFnd	*	*	*	-0.00102		-0.00102	*	no	0.619	-
	PeCB 328	17.93	*	no					*			
71 PCB 88/91	326	NotFnd	*	*	*	-0.00101		-0.00101	*	no	0.625	-
	PeCB 328	18.31	*	no					*			
72 PCB 84	326	NotFnd	*	*	*	-0.00118		-0.00118	*	no	0.534	-
	PeCB 328	18.50	*	no					*			
73 PCB 89	326	NotFnd	*	*	*	-0.00108		-0.00108	*	no	0.582	-
	PeCB 328	18.84	*	no					*			
74 PCB 121	326	NotFnd	*	*	*	-0.00083		-0.00083	*	no	0.761	-
	PeCB 328	19.08	*	no					*			
75 PCB 92	326	NotFnd	*	*	*	-0.00105		-0.00105	*	no	0.598	-
	PeCB 328	19.35	*	no					*			
76 PCB 113/90/101	326	19.78	3898	1.72	6158	0.005859		-0.00089	20	no	0.71	-
	PeCB 328	19.76	2260	yes					17			
77 PCB 83/99	326	20.23	2731	1.65	4382	0.004753		-0.00101	13	no	0.623	-
	PeCB 328	20.22	1652	yes					12			
78 PCB 112	326	NotFnd	*	*	*	-0.00077		-0.00077	*	no	0.819	-
	PeCB 328	20.33	*	no					*			
79 PCB 109/119/86/97/125/326	326	20.67	1325	1.7	2106	0.001959		-0.00087	3	no	0.726	-
	PeCB 328	20.62	780	yes					3			
80 PCB 117/116/85	326	21.17	830	1.67	1326	0.001126		-0.00079	4	yes	0.796	-
	PeCB 328	21.23	496	yes					4			
81 PCB 110/115	326	21.32	2297	1.6	3729	0.003362		-0.00084	10	yes	0.75	-
	PeCB 328	21.32	1432	yes					10			
82 PCB 82	326	NotFnd	*	*	*	-0.00112		-0.00112	*	no	0.564	-
	PeCB 328	21.59	*	no					*			
83 PCB 111	326	NotFnd	*	*	*	-0.00078		-0.00078	*	no	0.809	-
	PeCB 328	21.85	*	no					*			
84 PCB 120	326	NotFnd	*	*	*	-0.00066		-0.00066	*	no	0.951	-
	PeCB 328	22.24	*	no					*			
85 PCB 108/124	326	NotFnd	*	*	*	-0.00054		-0.00054	*	no	1.122	-
	PeCB 328	23.21	*	no					*			
86 PCB 107	326	23.40	1059	1.77	1657	0.000976		-0.00053	5	yes	1.147	-
	PeCB 328	23.40	597	yes					4			
87 PCB 123	326	NotFnd	*	*	*	-0.00068		-0.00068	*	no	0.894	-
	PeCB 328	23.51	*	no					*			
88 PCB 106	326	NotFnd	*	*	*	-0.0005		-0.0005	*	no	1.218	-
	PeCB 328	23.63	*	no					*			
89 PCB 118	326	23.79	7131	1.54	11748	0.007065		-0.00062	35	no	0.981	-
	PeCB 328	23.80	4617	yes					35			

90 PCB 122	326	NotFnd	*	*	*	-0.00056			-0.00056	*	no	1.079	-
	PeCB 328	24.08	*	no	*					*			
91 PCB 114	326	NotFnd	*	*	*	-0.0006			-0.0006	*	no	1.01	-
	PeCB 328	24.28	*	no	*					*			
92 PCB 105	326	24.83	2240	1.61	3629	0.002272			-0.00062	10	no	0.977	-
	PeCB 328	24.83	1389	yes	*					9			
93 PCB 127	326	NotFnd	*	*	*	-0.00049			-0.00049	*	no	1.23	-
	PeCB 328	26.20	*	no	*					*			
94 PCB 126	326	NotFnd	*	*	*	-0.00062			-0.00062	*	no	0.977	-
	PeCB 328	27.72	*	no	*					*			
95 PCB 155	360	NotFnd	*	*	*	-0.00142			-0.00142	*	no	0.997	-
	HxCB 362	19.63	*	no	*					*			
96 PCB 152	360	NotFnd	*	*	*	-0.00174			-0.00174	*	no	0.813	-
	HxCB 362	19.78	*	no	*					*			
97 PCB 150	360	NotFnd	*	*	*	-0.00218			-0.00218	*	no	0.65	-
	HxCB 362	19.88	*	no	*					*			
98 PCB 136	360	NotFnd	*	*	*	-0.00186			-0.00186	*	no	0.761	-
	HxCB 362	20.17	*	no	*					*			
99 PCB 145	360	NotFnd	*	*	*	-0.00214			-0.00214	*	no	0.662	-
	HxCB 362	20.41	*	no	*					*			
100 PCB 148	360	NotFnd	*	*	*	-0.00257			-0.00257	*	no	0.551	-
	HxCB 362	21.55	*	no	*					*			
101 PCB 151/135	360	NotFnd	*	*	*	-0.00273			-0.00273	*	no	0.519	-
	HxCB 362	22.04	*	no	*					*			
102 PCB 154	360	NotFnd	*	*	*	-0.00229			-0.00229	*	no	0.618	-
	HxCB 362	22.21	*	no	*					*			
103 PCB 144	360	NotFnd	*	*	*	-0.00252			-0.00252	*	no	0.562	-
	HxCB 362	22.51	*	no	*					*			
104 PCB 147/149	360	22.79	1274	1.16	2367	0.002625			-0.00116	8	yes	0.662	-
	HxCB 362	22.80	1093	yes	*					7			
105 PCB 134/143	360	NotFnd	*	*	*	-0.00131			-0.00131	*	no	0.586	-
	HxCB 362	23.06	*	no	*					*			
106 PCB 139/140	360	NotFnd	*	*	*	-0.00113			-0.00113	*	no	0.68	-
	HxCB 362	23.31	*	no	*					*			
107 PCB 131	360	NotFnd	*	*	*	-0.00143			-0.00143	*	no	0.537	-
	HxCB 362	23.49	*	no	*					*			
108 PCB 142	360	NotFnd	*	*	*	-0.00123			-0.00123	*	no	0.626	-
	HxCB 362	23.65	*	no	*					*			
109 PCB 132	360	NotFnd	*	*	*	-0.00137			-0.00137	*	no	0.561	-
	HxCB 362	23.88	*	no	*					*			
110 PCB 133	360	NotFnd	*	*	*	-0.00117			-0.00117	*	no	0.657	-
	HxCB 362	24.31	*	no	*					*			
111 PCB 165	360	NotFnd	*	*	*	-0.00101			-0.00101	*	no	0.765	-
	HxCB 362	24.66	*	no	*					*			
112 PCB 146	360	24.88	1605	1.18	2965	0.00309			-0.00109	9	no	0.705	-
	HxCB 362	24.86	1360	yes	*					9			
113 PCB 161	360	NotFnd	*	*	*	-0.00079			-0.00079	*	no	0.97	-
	HxCB 362	25.01	*	no	*					*			
114 PCB 153/168	360	25.43	-6818.76	1.24	-12317.8	-0.0102	PCB 153/168 NDR		-0.0009	45	xL	0.852	-
	HxCB 362	25.45	-5499	OK	*					37			
115 PCB 141	360	NotFnd	*	*	*	-0.00113			-0.00113	*	no	0.681	-
	HxCB 362	25.60	*	no	*					*			
116 PCB 130	360	NotFnd	*	*	*	-0.00125			-0.00125	*	no	0.617	-
	HxCB 362	25.99	*	no	*					*			
117 PCB 137	360	NotFnd	*	*	*	-0.00127			-0.00127	*	no	0.607	-
	HxCB 362	26.19	*	no	*					*			
118 PCB 164	360	NotFnd	*	*	*	-0.00084			-0.00084	*	no	0.913	-
	HxCB 362	26.28	*	no	*					*			
119 PCB 138/163/129	360	26.59	6084	1.28	10819	0.011281			-0.00109	28	no	0.705	-
	HxCB 362	26.60	4735	yes	*					27			
120 PCB 160	360	NotFnd	*	*	*	-0.00094			-0.00094	*	no	0.822	-
	HxCB 362	26.78	*	no	*					*			
121 PCB 158	360	NotFnd	*	*	*	-0.00077			-0.00077	*	no	1.004	-
	HxCB 362	26.96	*	no	*					*			
122 PCB 128/166	360	NotFnd	*	*	*	-0.00099			-0.00099	*	no	0.774	-
	HxCB 362	27.78	*	no	*					*			
123 PCB 159	360	NotFnd	*	*	*	-0.00041			-0.00041	*	no	1.179	-
	HxCB 362	28.76	*	no	*					*			
124 PCB 162	360	NotFnd	*	*	*	-0.00044			-0.00044	*	no	1.101	-
	HxCB 362	29.05	*	no	*					*			
125 PCB 167	360	29.53	-513.36	1.24	-927.36	-0.00056	PCB 167 NDR		-0.00051	4	xL	0.946	-
	HxCB 362	29.52	-414	OK	*					3			
126 PCB 156/157	360	30.68	1148	1.21	2098	0.001251			-0.00048	7	yes	1.017	-
	HxCB 362	30.71	950	yes	*					6			
127 PCB 169	360	NotFnd	*	*	*	-0.00051			-0.00051	*	no	0.954	-
	HxCB 362	34.11	*	no	*					*			
128 PCB 188	394	NotFnd	*	*	*	-0.00111			-0.00111	*	no	1.012	-
	HpCB 396	24.23	*	no	*					*			
129 PCB 179	394	NotFnd	*	*	*	-0.00107			-0.00107	*	no	1.047	-
	HpCB 396	24.52	*	no	*					*			
130 PCB 184	394	NotFnd	*	*	*	-0.00117			-0.00117	*	no	0.961	-
	HpCB 396	25.00	*	no	*					*			
131 PCB 176	394	NotFnd	*	*	*	-0.00109			-0.00109	*	no	1.027	-
	HpCB 396	25.31	*	no	*					*			
132 PCB 186	394	NotFnd	*	*	*	-0.00125			-0.00125	*	no	0.899	-
	HpCB 396	25.75	*	no	*					*			
133 PCB 178	394	NotFnd	*	*	*	-0.00156			-0.00156	*	no	0.722	-
	HpCB 396	27.01	*	no	*					*			
134 PCB 175	394	NotFnd	*	*	*	-0.00149			-0.00149	*	no	0.753	-
	HpCB 396	27.61	*	no	*					*			
135 PCB 187	394	27.87	1791	1.17	3319	0.004103			-0.00155	8	yes	0.723	-
	HpCB 396	27.88	1528	yes	*					7			
136 PCB 182	394	NotFnd	*	*	*	-0.0015			-0.0015	*	no	0.747	-
	HpCB 396	28.10	*	no	*					*			

137 PCB 183	394	NotFnd	*	*	*	-0.00105	-0.00105	*	no	1.162	-
	HpCB 396	28.50	*	no	*			*			
138 PCB 185	394	NotFnd	*	*	*	-0.00144	-0.00144	*	no	0.851	-
	HpCB 396	28.56	*	no	*			*			
139 PCB 174	394	NotFnd	*	*	*	-0.00126	-0.00126	*	no	0.97	-
	HpCB 396	28.72	*	no	*			*			
140 PCB 177	394	NotFnd	*	*	*	-0.0013	-0.0013	*	no	0.943	-
	HpCB 396	29.14	*	no	*			*			
141 PCB 181	394	NotFnd	*	*	*	-0.00137	-0.00137	*	no	0.892	-
	HpCB 396	29.56	*	no	*			*			
142 PCB 171/173	394	NotFnd	*	*	*	-0.00129	-0.00129	*	no	0.948	-
	HpCB 396	29.78	*	no	*			*			
143 PCB 172	394	NotFnd	*	*	*	-0.00129	-0.00129	*	no	0.95	-
	HpCB 396	31.42	*	no	*			*			
144 PCB 192	394	NotFnd	*	*	*	-0.00113	-0.00113	*	no	1.085	-
	HpCB 396	31.74	*	no	*			*			
145 PCB 193/180	394	32.11	2299	0.99	4622	0.003653	-0.00088	9	no	1.383	-
	HpCB 396	32.06	2323	yes				9			
146 PCB 191	394	NotFnd	*	*	*	-0.0009	-0.0009	*	no	1.352	-
	HpCB 396	32.48	*	no	*			*			
147 PCB 170	394	NotFnd	*	*	*	-0.00096	-0.00096	*	no	1.271	-
	HpCB 396	33.45	*	no	*			*			
148 PCB 190	394	NotFnd	*	*	*	-0.00091	-0.00091	*	no	1.345	-
	HpCB 396	34.02	*	no	*			*			
149 PCB 189	394	NotFnd	*	*	*	-0.00048	-0.00048	*	no	0.944	-
	HpCB 396	36.88	*	no	*			*			
150 PCB 202	428	NotFnd	*	*	*	-0.00167	-0.00167	*	no	0.988	-
	OcCB 430	29.27	*	no	*			*			
151 PCB 201	428	NotFnd	*	*	*	-0.00165	-0.00165	*	no	0.997	-
	OcCB 430	30.18	*	no	*			*			
152 PCB 204	428	NotFnd	*	*	*	-0.00171	-0.00171	*	no	0.962	-
	OcCB 430	30.88	*	no	*			*			
153 PCB 197	428	NotFnd	*	*	*	-0.00188	-0.00188	*	no	0.876	-
	OcCB 430	31.12	*	no	*			*			
154 PCB 200	428	NotFnd	*	*	*	-0.00164	-0.00164	*	no	1.006	-
	OcCB 430	31.24	*	no	*			*			
155 PCB 198/199	428	NotFnd	*	*	*	-0.00252	-0.00252	*	no	0.654	-
	OcCB 430	34.19	*	no	*			*			
156 PCB 196	428	NotFnd	*	*	*	-0.00244	-0.00244	*	no	0.674	-
	OcCB 430	34.92	*	no	*			*			
157 PCB 203	428	NotFnd	*	*	*	-0.0025	-0.0025	*	no	0.659	-
	OcCB 430	35.12	*	no	*			*			
158 PCB 195	428	NotFnd	*	*	*	-0.00153	-0.00153	*	no	1.005	-
	OcCB 430	36.59	*	no	*			*			
159 PCB 194	428	NotFnd	*	*	*	-0.00141	-0.00141	*	no	1.091	-
	OcCB 430	39.21	*	no	*			*			
160 PCB 205	428	NotFnd	*	*	*	-0.00141	-0.00141	*	no	1.091	-
	OcCB 430	39.77	*	no	*			*			
161 PCB 208	462	NotFnd	*	*	*	-0.00142	-0.00142	*	no	1.023	-
	NoCB 464	36.33	*	no	*			*			
162 PCB 207	462	NotFnd	*	*	*	-0.0011	-0.0011	*	no	1.32	-
	NoCB 464	37.34	*	no	*			*			
163 PCB 206	462	NotFnd	*	*	*	-0.00141	-0.00141	*	no	1.027	-
	NoCB 464	41.70	*	no	*			*			
164 PCB 209	498	43.56	19576	1.23	35507	0.058068	-0.00038	375	no	1.04	-
	DCB 500	43.54	15931	yes				363			
165 PCB 1L	200	8.98	178080	3.56	228160	0.121609	0	4365	no	0.824	62
	202	8.97	50080	yes				317			
166 PCB 3L	200	10.17	167307	3.49	215197	0.110855	0	4215	no	0.852	57
	202	10.16	47890	yes				310			
167 PCB 4L	234	10.28	66621	1.61	107954	0.087353	0	4001	no	0.543	45
	236	10.28	41333	yes				4660			
168 PCB 15L	234	12.93	226623	1.61	367121	0.150041	0	2193	no	1.074	77
	236	12.91	140498	yes				3102			
169 PCB 19L	268	11.68	69481	1.09	133357	0.101263	0.001	310	no	0.578	52
	270	11.65	63875	yes				471			
170 PCB 37L	268	16.68	205152	1.04	402689	0.19277	0.001	654	no	1.987	99
	270	16.67	197537	yes				819			
171 PCB 54L	302	13.06	65427	0.81	146518	0.107403	0	1319	no	1.297	55
	304	13.06	81091	yes				3005			
172 PCB 81L	302	21.41	154578	0.81	345683	0.18916	0	1092	no	1.738	97
	304	21.39	191104	yes				1766			
173 PCB 77L	302	21.85	148227	0.81	332448	0.188514	0	1011	no	1.677	97
	304	21.82	184221	yes				1664			
174 PCB 104L	338	15.92	96523	1.67	154318	0.144089	0	4029	no	1.156	74
	340	15.93	57796	yes				3896			
175 PCB 123L	338	23.49	206059	1.61	333905	0.18612	0	2311	no	1.936	96
	340	23.50	127846	yes				3142			
176 PCB 118L	338	23.77	202836	1.6	329870	0.186771	0	2257	no	1.906	96
	340	23.76	127034	yes				3221			
177 PCB 114L	338	24.25	188980	1.64	303954	0.185005	0	2062	no	1.773	95
	340	24.25	114974	yes				2784			
178 PCB 105L	338	24.81	194896	1.58	318436	0.188547	0	2080	no	1.822	97
	340	24.81	123540	yes				2943			
179 PCB 126L	338	27.69	187490	1.65	300818	0.187037	0	1880	no	1.735	96
	340	27.67	113328	yes				2532			
180 PCB 155L	372	19.61	95797	1.28	170399	0.131391	0	12215	no	1.404	67
	374	19.61	74601	yes				9418			
181 PCB 167L	372	29.50	190184	1.28	338644	0.173704	0	2909	no	2.11	89
	374	29.49	148460	yes				2132			
182 PCB 156L/157L	372	30.68	360159	1.28	642079	0.361743	0	4469	no	1.921	93
	374	30.69	281920	yes				3277			
183 PCB 169L	372	34.08	129622	1.29	230058	0.131994	0	1831	no	1.886	68
	374	34.06	100437	yes				1310			

184 PCB 188L	406	24.20	94103	1.1	179809	0.146379						
	408	24.21	85706	yes			0	2943	no	1.329	75	
185 PCB 180L	406	32.09	92702	1.09	178177	0.145182		3967				
	408	32.09	85474	yes			0	3665	no	1.349	75	
186 PCB 170L	406	33.42	82257	1.07	159479	0.148493		1545				
	408	33.42	77223	yes			0	3196	no	1.18	76	
187 PCB 189L	406	36.84	181937	1.06	353614	0.180117		1353				
	408	36.83	171678	yes			0	4461	no	2.157	93	
188 PCB 202L	440	29.25	79144	0.92	165376	0.128022		3635				
	442	29.27	86232	yes			0	4017	no	1.419	66	
189 PCB 205L	440	39.73	115053	0.92	240112	0.172299		2642				
	442	39.73	125058	yes			0	1958	no	1.531	88	
190 PCB 208L	474	36.29	67131	0.78	153240	0.147781		3178				
	476	36.28	86109	yes			0	2204	no	1.139	76	
191 PCB 206L	474	41.70	49481	0.76	114593	0.16578		3903				
	476	41.73	65112	yes			0	1535	no	0.76	85	
192 PCB 209L	510	43.54	62890	1.22	114498	0.173699		2879				
	512	43.53	51607	yes			0	3428	no	0.724	89	
193 PCB 28L	268	14.41	235953	1.06	459457	0.214256		3965				
PCB Cleanup Standard	270	14.41	223504	yes			0.001	846	no	2.039	110	
194 PCB 111L	338	21.83	145797	1.62	235824	0.18947		1040				
PCB Cleanup Standard	340	21.84	90027	yes			0	3417	no	1.343	97	
195 PCB 178L	406	26.98	62268	1.07	120508	0.177941		3757				
PCB Cleanup Standard	408	26.97	58240	yes			0	1868	no	0.733	91	
196 PCB 31L	268	NotFnd	*	*	*			2564				
PCB Audit Standard	270	14.24	*	no			0.001		no	1.934		
197 PCB 95L	338	NotFnd	*	*	*							
PCB Audit Standard	340	17.73	*	no			0		no	0.946		
198 PCB 153L	372	NotFnd	*	*	*							
PCB Audit Standard	374	25.40	*	no			0		no	1.225		
199 PCB 9L	234	11.17	1365916	1.6	2217298	11.08019						
PCB Recovery Standard	236	11.19	851382	yes			-	14339	no	-	-	
200 PCB 52L	302	15.35	457406	0.81	1023762	7.907168		20734				
PCB Recovery Standard	304	15.36	566356	yes			-	8832	no	-	-	
201 PCB 101L	338	19.77	557943	1.62	902250	8.008587		14985				
PCB Recovery Standard	340	19.76	344308	yes			-	13708	no	-	-	
202 PCB 138L	372	26.57	508063	1.3	899602	8.14677		15273				
PCB Recovery Standard	374	26.56	391539	yes			-	13423	no	-	-	
203 PCB 194L	440	39.18	427437	0.93	886006	7.989509		15696				
PCB Recovery Standard	442	39.17	458568	yes			-	7137	no	-	-	
								11517				
Chlorobiphenyls												
Dichlorobiphenyls								-0.00061	0			
Trichlorobiphenyls								0.009181	1			
Tetrachlorobiphenyls								0.01379	6			
Pentachlorobiphenyls								0.011613	4			
Hexachlorobiphenyls								-0.00251	4			
Heptachlorobiphenyls								0.018247	8			
Octachlorobiphenyls								-0.00118	4			
Nonachlorobiphenyls								-0.00273	2			
Decachlorobiphenyl								-0.00156	0			
PCB (total)								-0.00252	0			
								-0.00142	0			
								0.058068	1			
								-0.00038	1			

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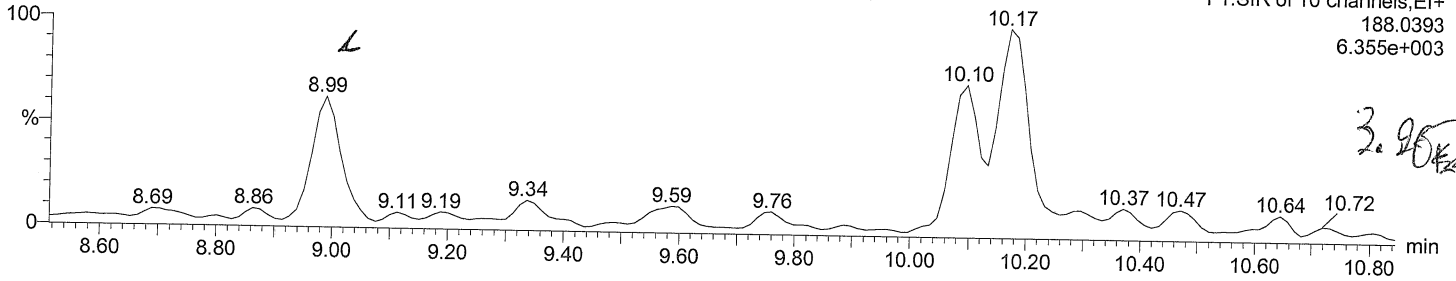
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Printed: February 20, 2016 09:27:56 AM Eastern Standard Time

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ID: WS#4386412/4378609, Ti
Description: BLANK
Vial: 6
Date: 18-FEB-2016
Time: 22:38:24

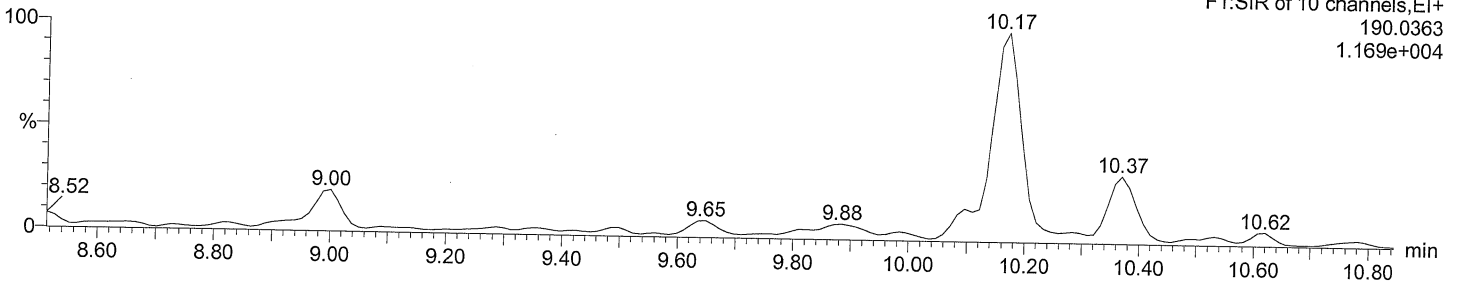
Total MoCB F1

M2160218DS006 Smooth(SG,3x1)



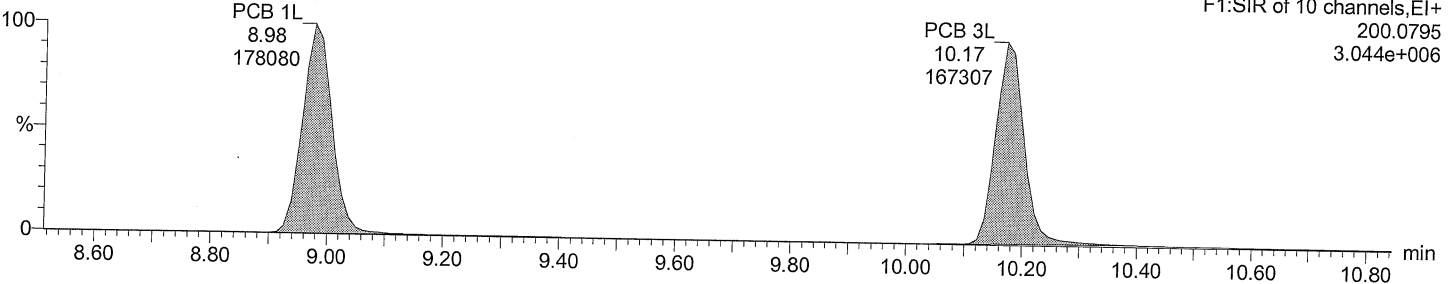
Total MoCB F1

M2160218DS006 Smooth(SG,3x1)



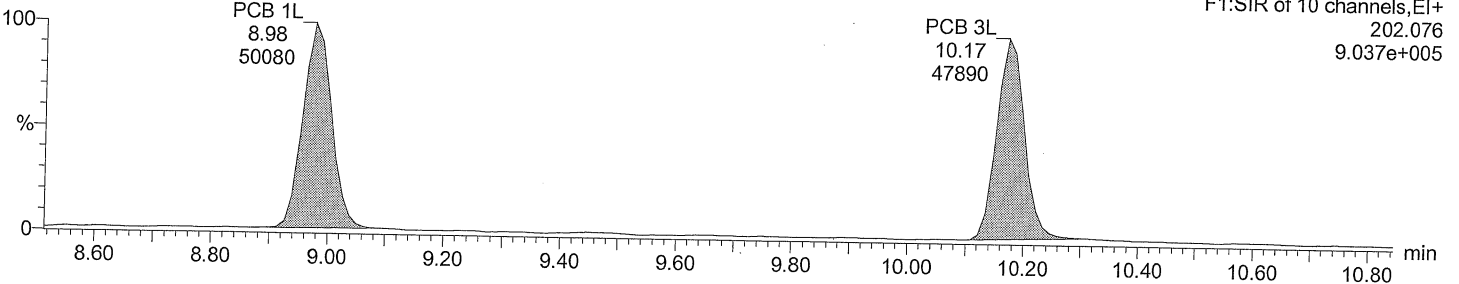
Total MoCB labeled F1

M2160218DS006 Smooth(SG,3x1)



Total MoCB labeled F1

M2160218DS006 Smooth(SG,3x1)



Acquired Date

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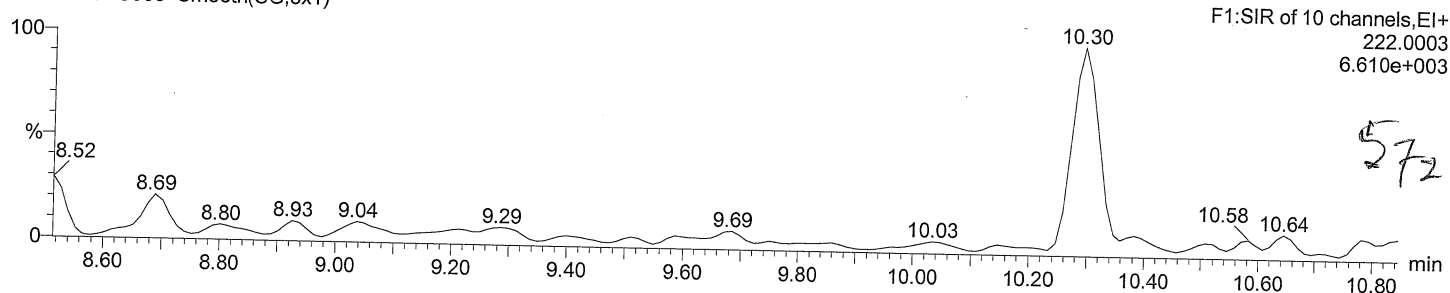
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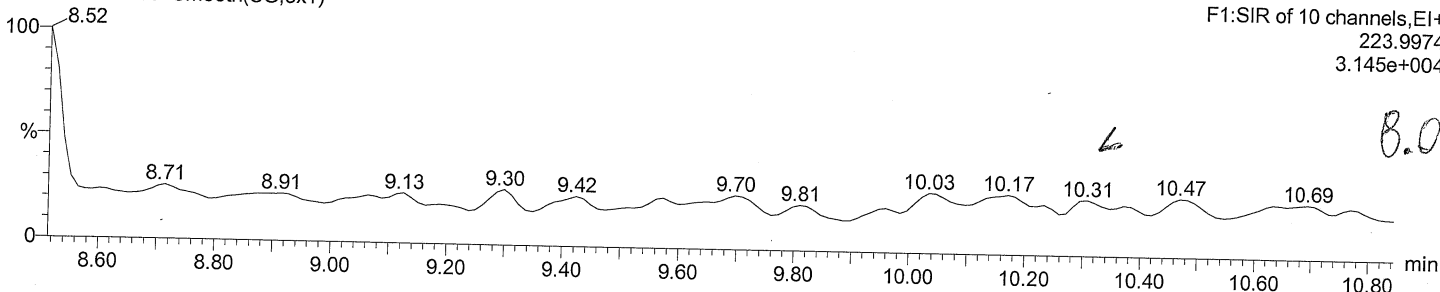
Total DiCB F1

M2160218DS006 Smooth(SG,3x1)



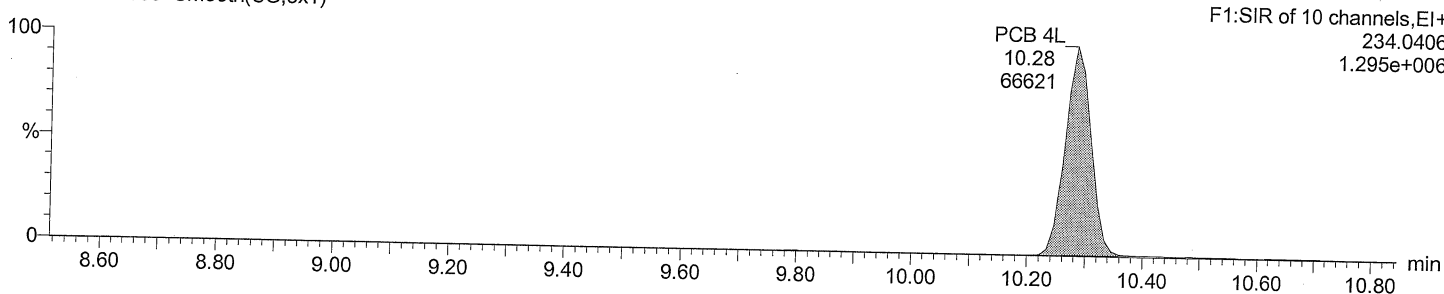
Total DiCB F1

M2160218DS006 Smooth(SG,3x1)



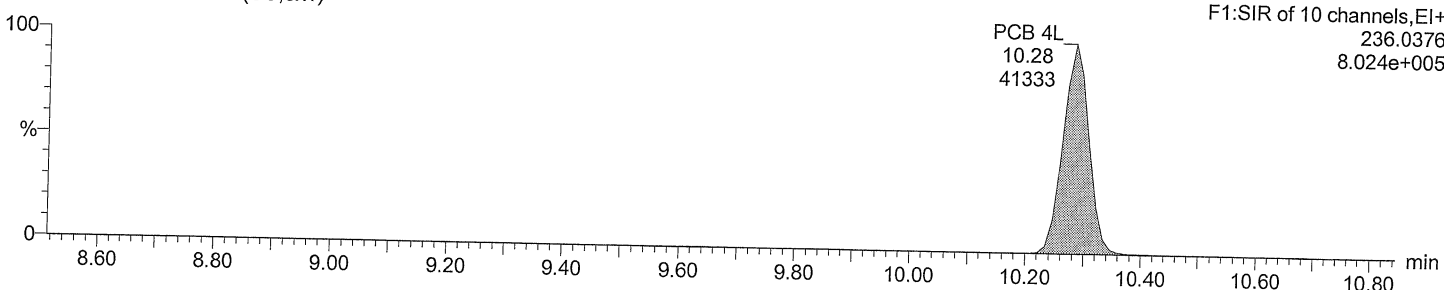
Total DiCB labeled F1

M2160218DS006 Smooth(SG,3x1)



Total DiCB labeled F1

M2160218DS006 Smooth(SG,3x1)



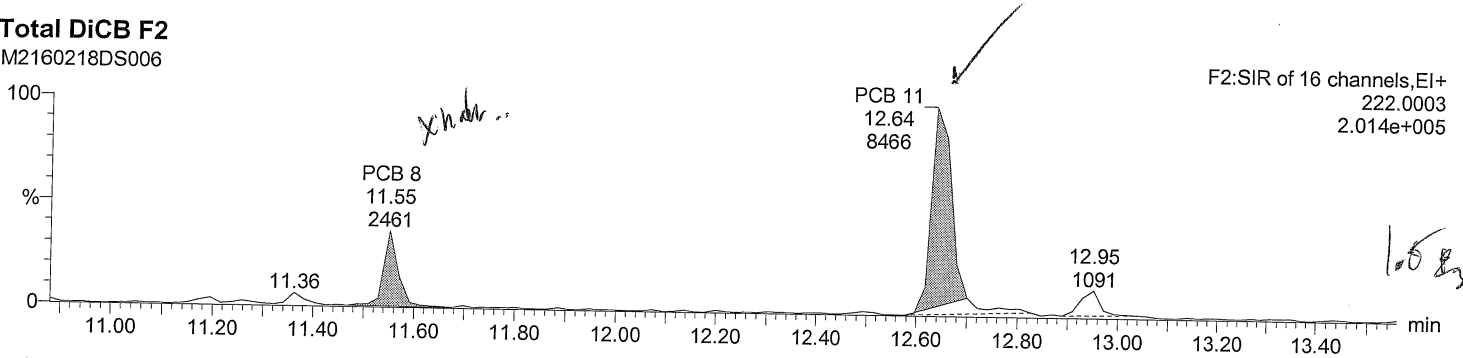
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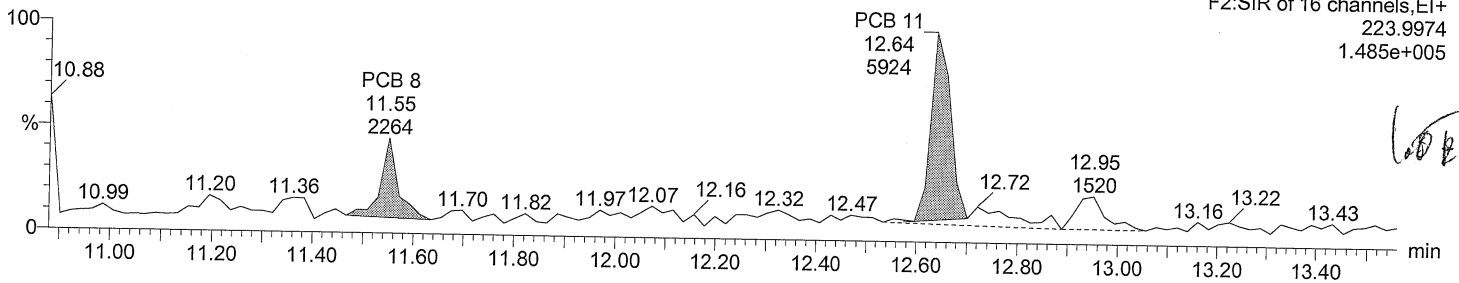
Total DiCB F2

M2160218DS006



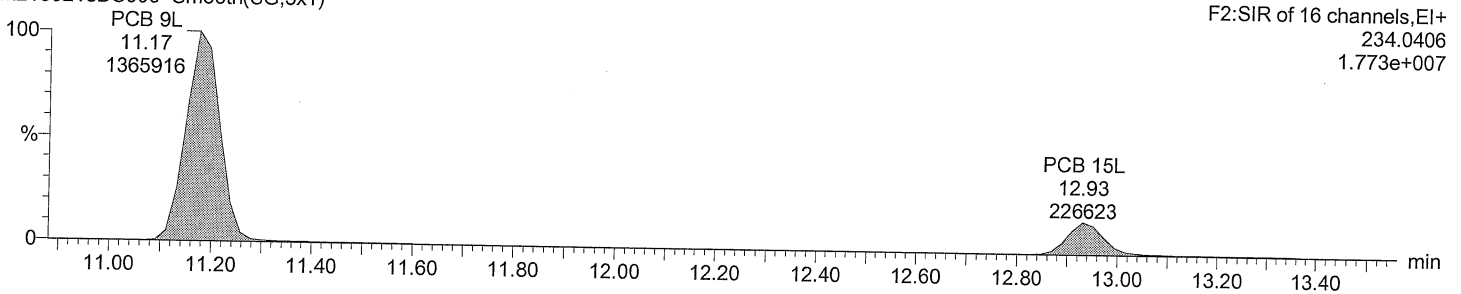
Total DiCB F2

M2160218DS006



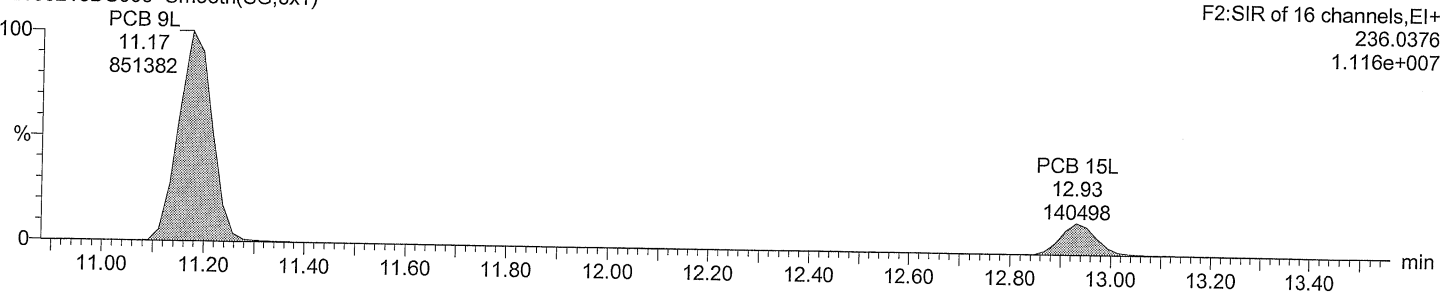
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M2160218DS006 Smooth(SG,3x1)



Total DiCB labeled F2

M2160218DS006 Smooth(SG,3x1)



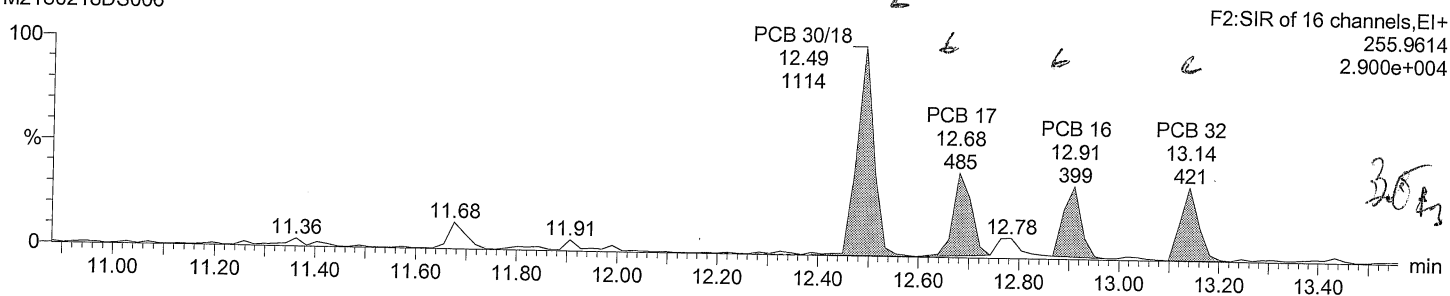
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Printed: February 20, 2016 09:27:56 AM Eastern Standard Time

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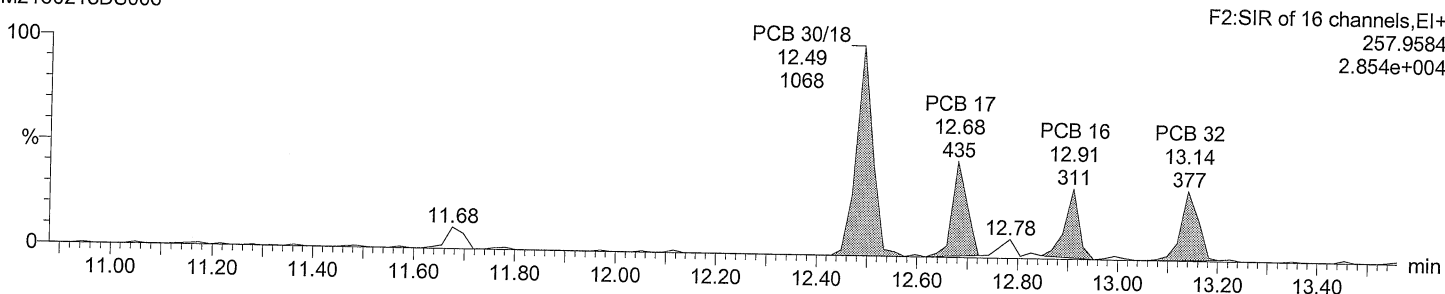
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M2160218DS006



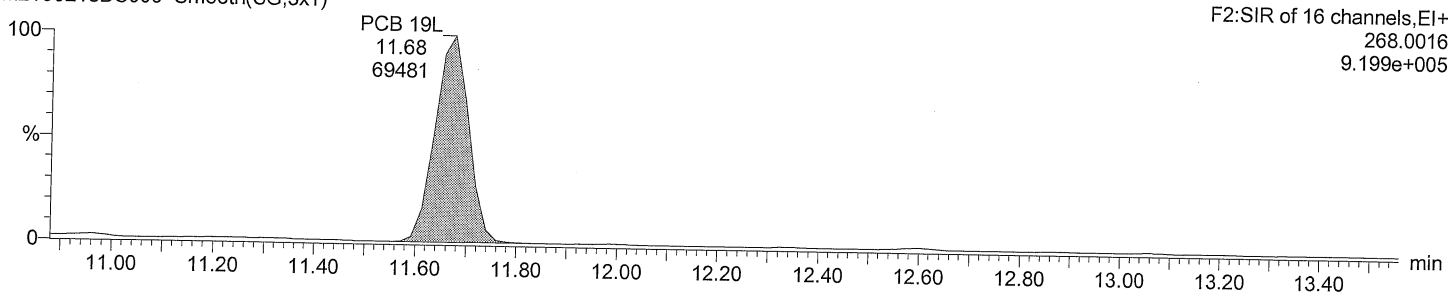
Total TriCB F2

M2160218DS006



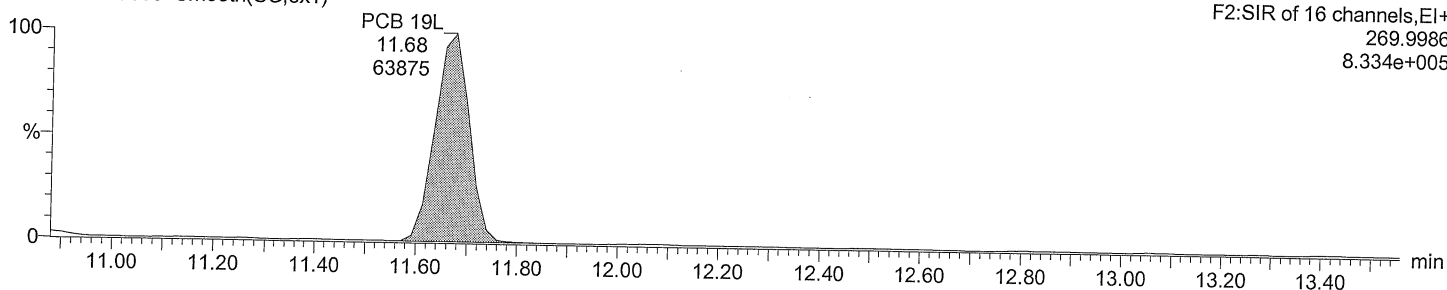
Total TriCB labeled F2

M2160218DS006 Smooth(SG,3x1)



Total TriCB labeled F2

M2160218DS006 Smooth(SG,3x1)



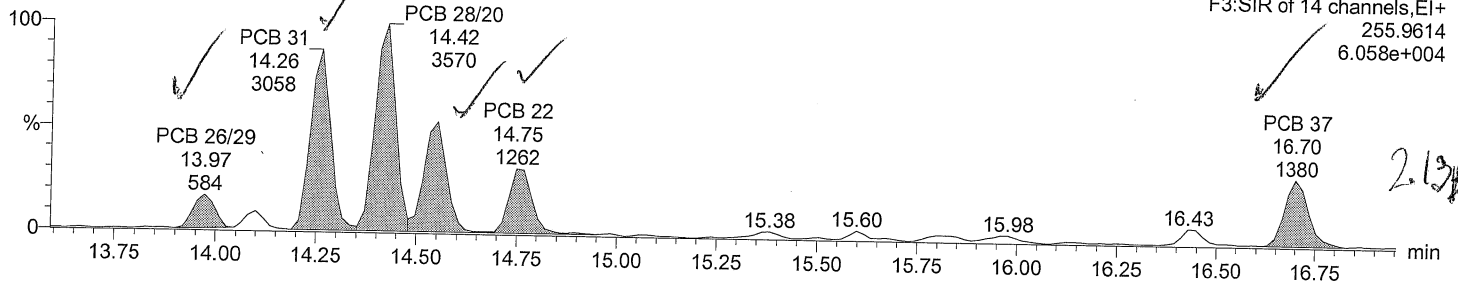
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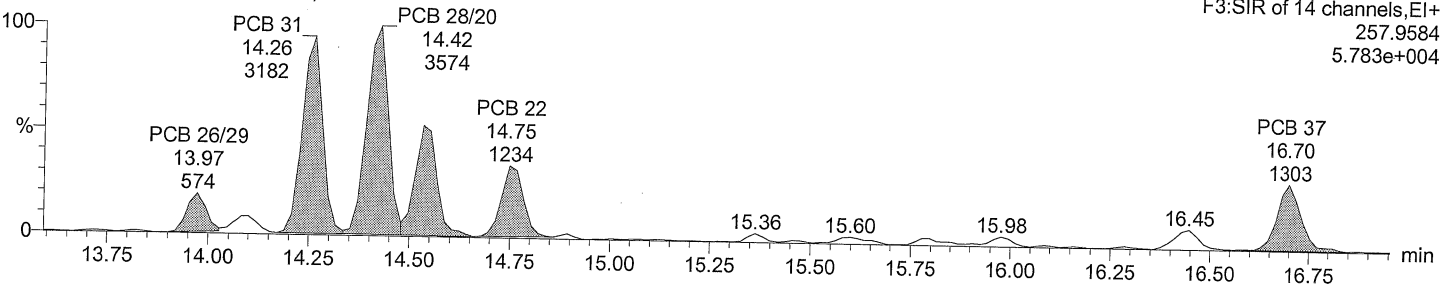
Total TriCB F3

M2160218DS006 Smooth(SG,1x1)



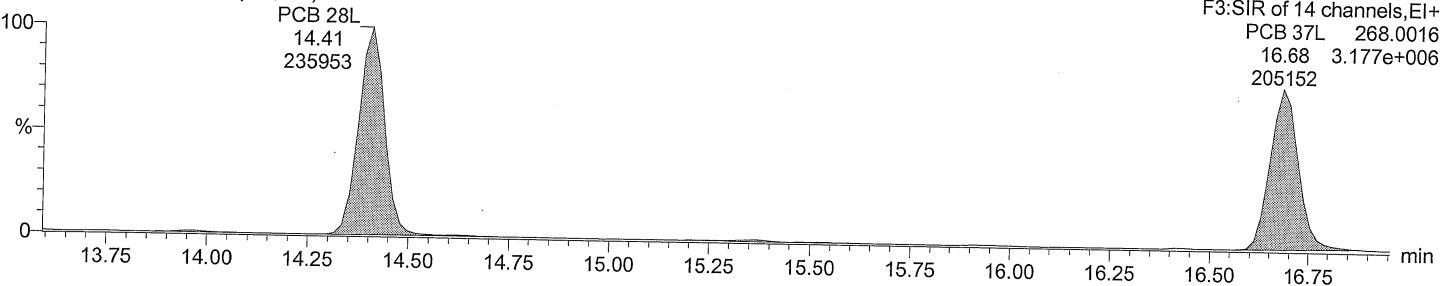
Total TriCB F3

M2160218DS006 Smooth(SG,1x1)



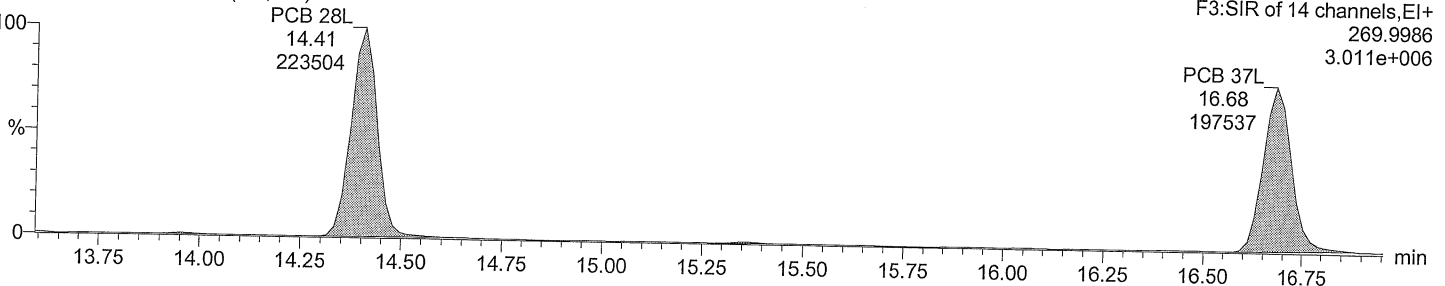
Total TriCB labeled F3

M2160218DS006 Smooth(SG,3x1)



Total TriCB labeled F3

M2160218DS006 Smooth(SG,3x1)



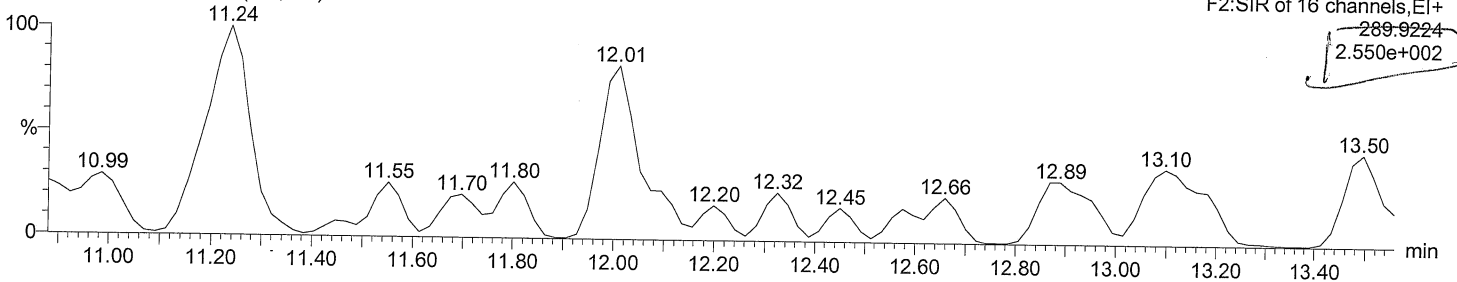
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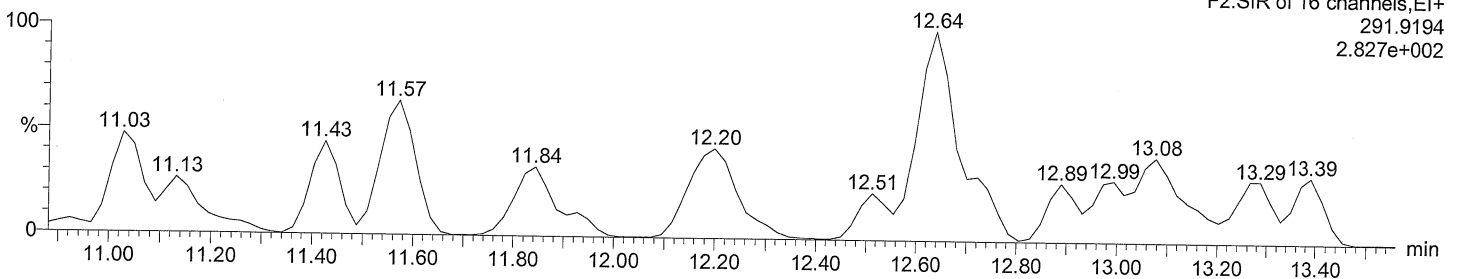
Total TeCB F2

M2160218DS006 Smooth(SG,3x1)



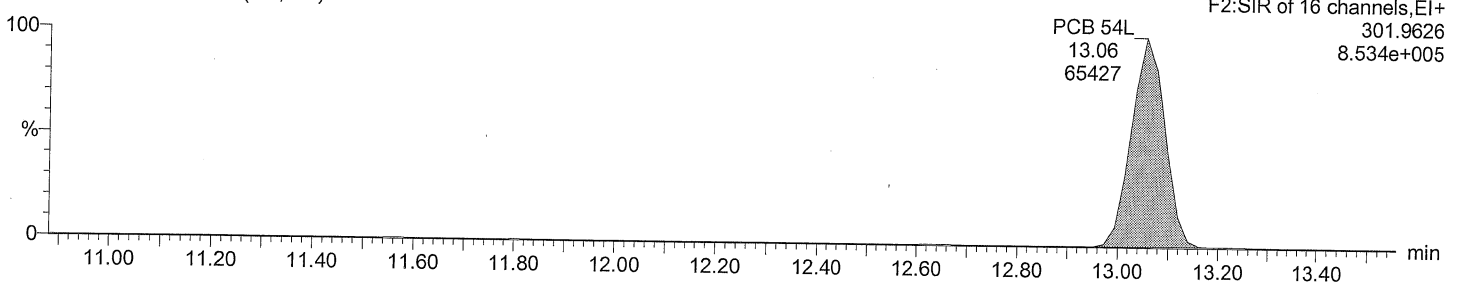
Total TeCB F2

M2160218DS006 Smooth(SG,3x1)



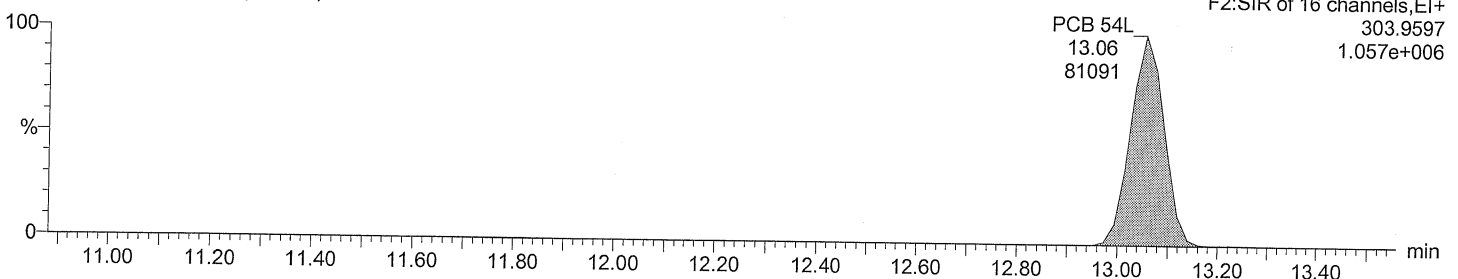
Total TeCB labeled F2

M2160218DS006 Smooth(SG,3x1)



Total TeCB labeled F2

M2160218DS006 Smooth(SG,3x1)



Acquired Date

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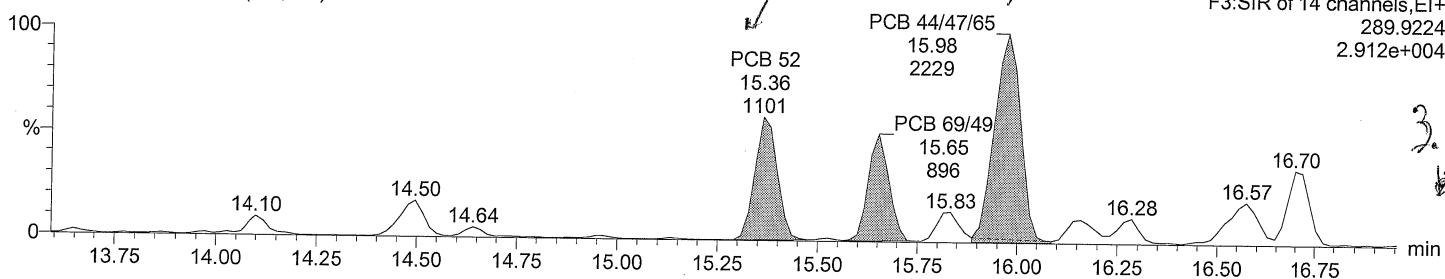
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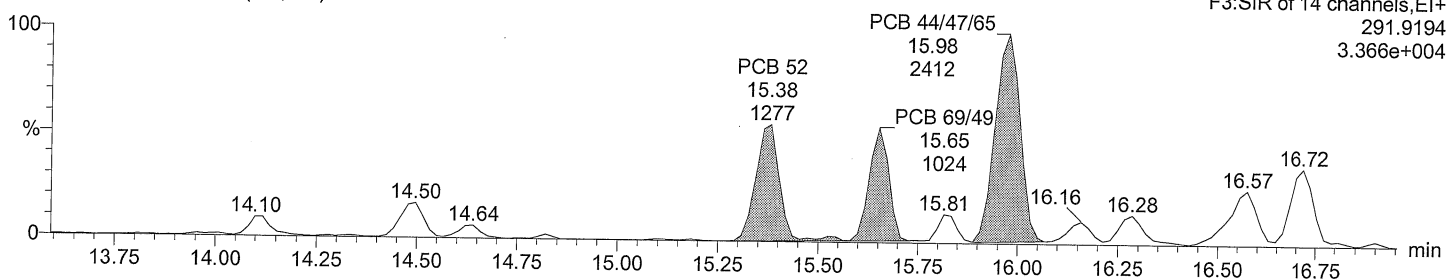
Total TeCB F3

M2160218DS006 Smooth(SG,1x1)



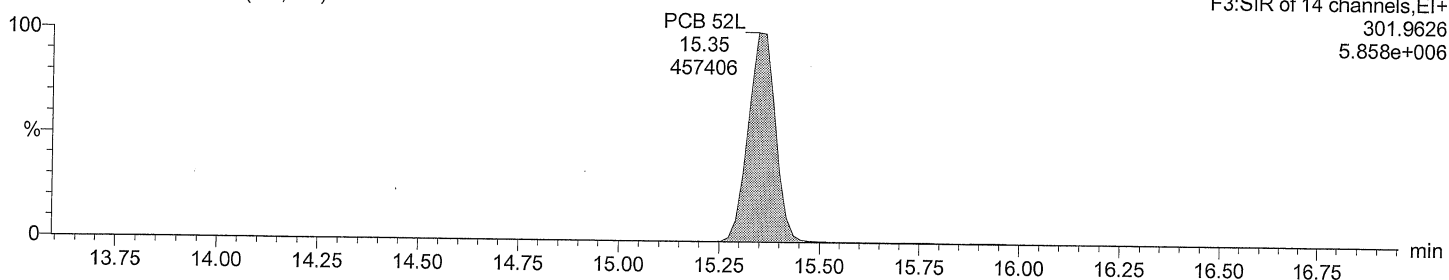
Total TeCB F3

M2160218DS006 Smooth(SG,1x1)



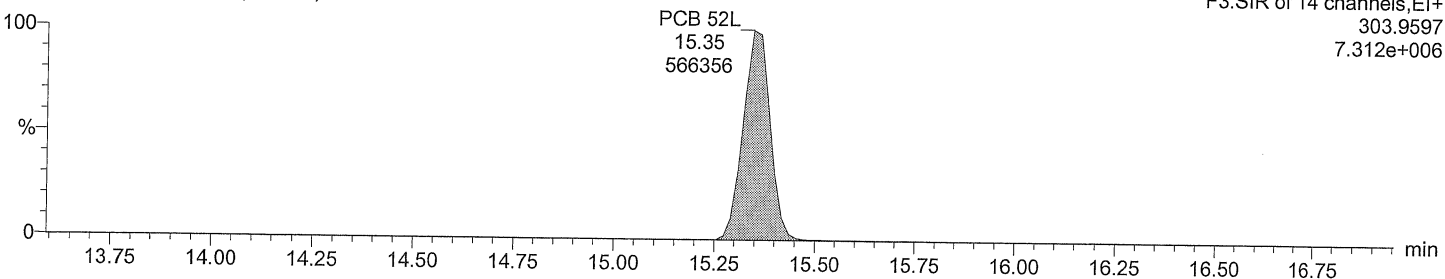
Total TeCB labeled F3

M2160218DS006 Smooth(SG,3x1)



Total TeCB labeled F3

M2160218DS006 Smooth(SG,3x1)



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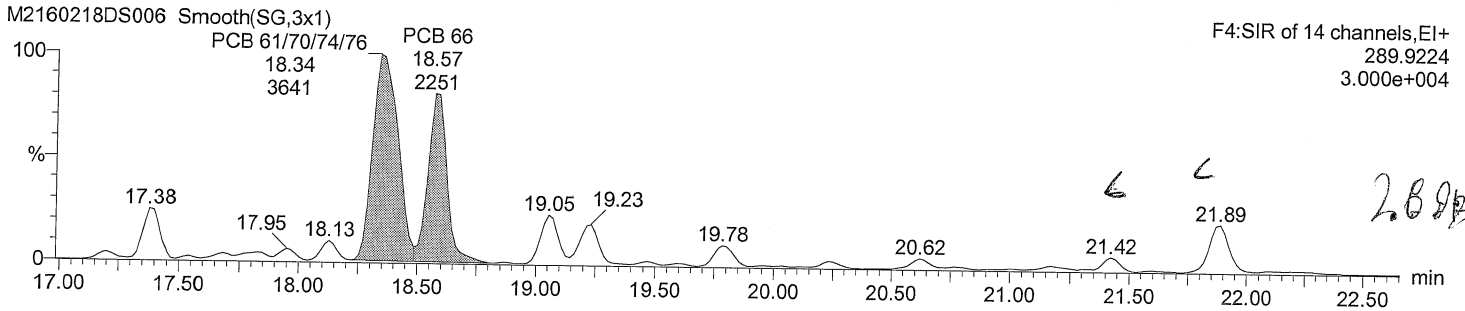
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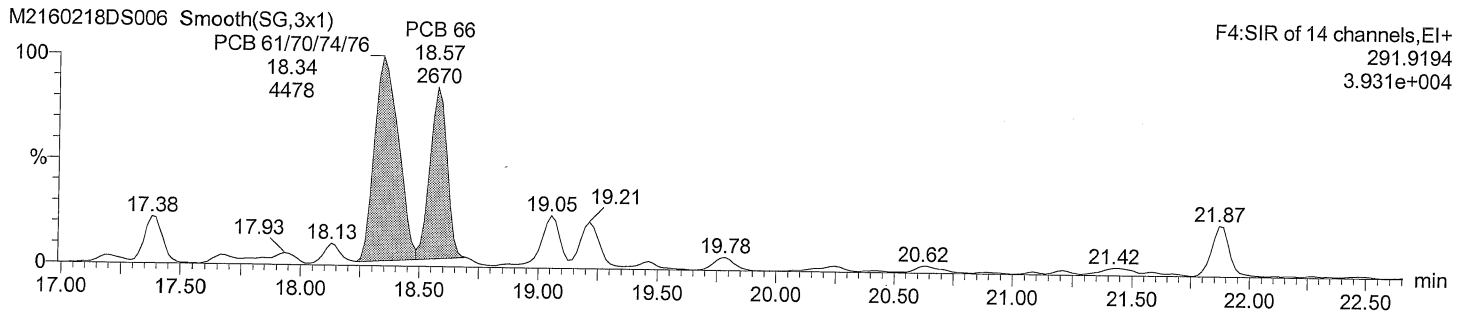
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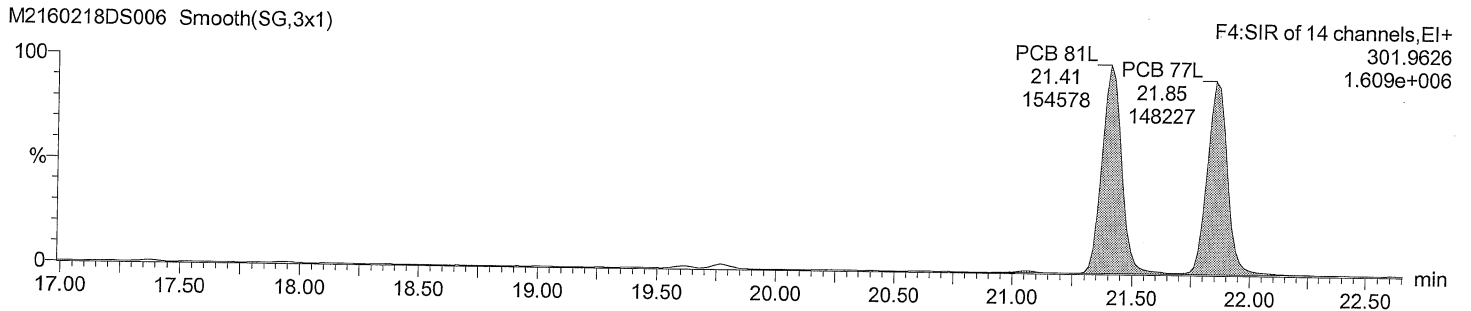
Total TeCB F4



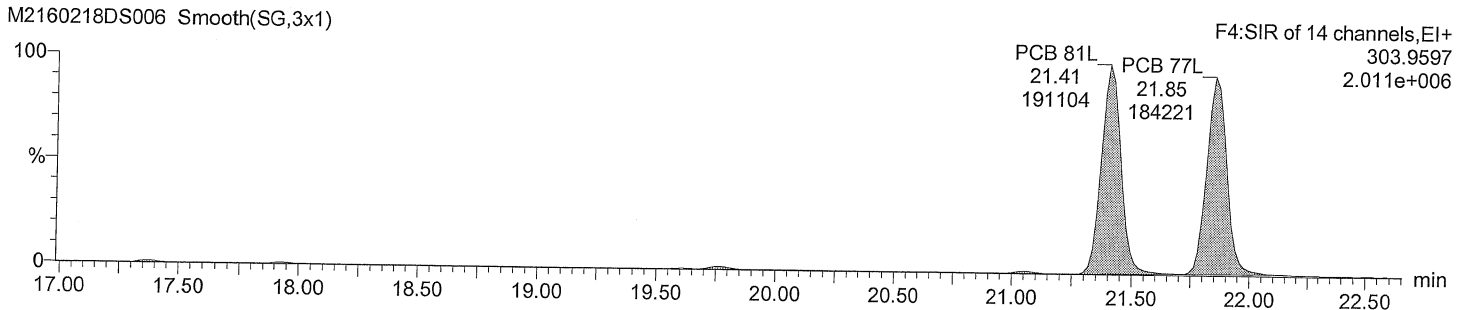
Total TeCB F4



Total TeCB labeled F4



Total TeCB labeled F4



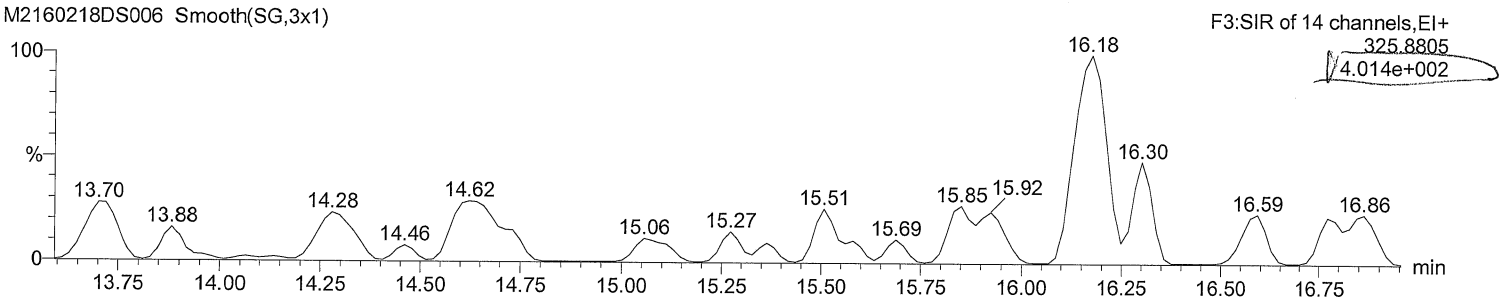
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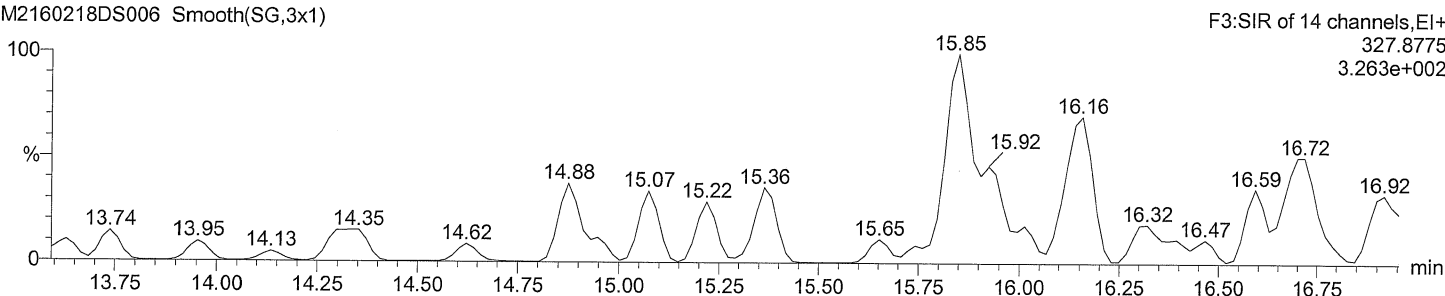
Total PeCB F3

M2160218DS006 Smooth(SG,3x1)



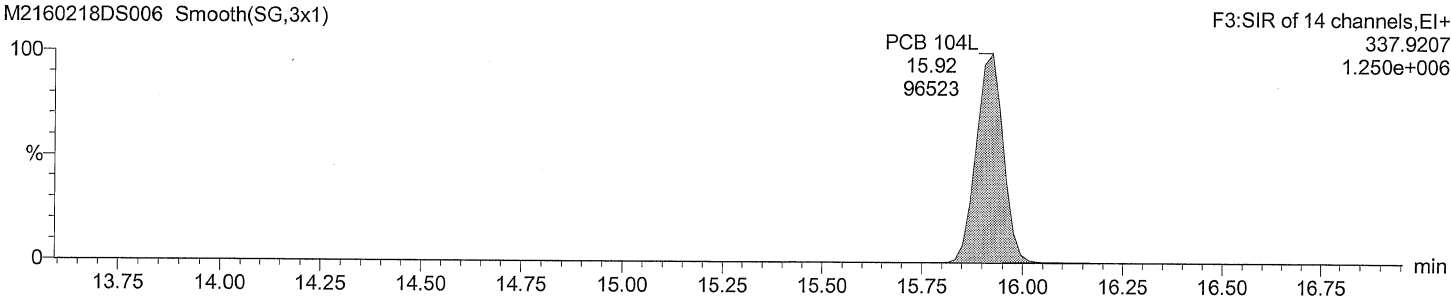
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M2160218DS006 Smooth(SG,3x1)



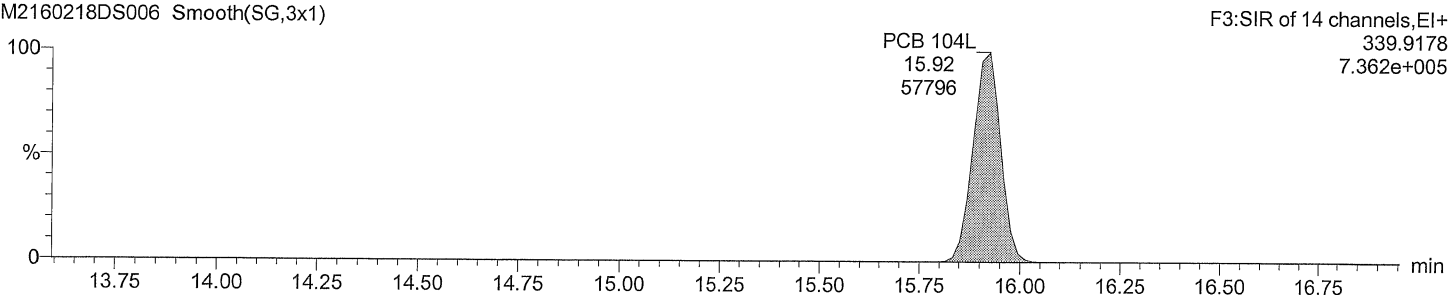
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M2160218DS006 Smooth(SG,3x1)



Total PeCB labeled F3

M2160218DS006 Smooth(SG,3x1)



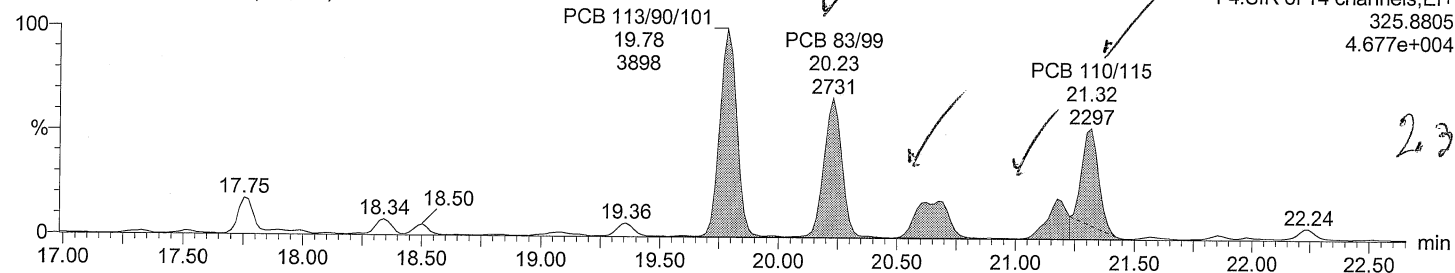
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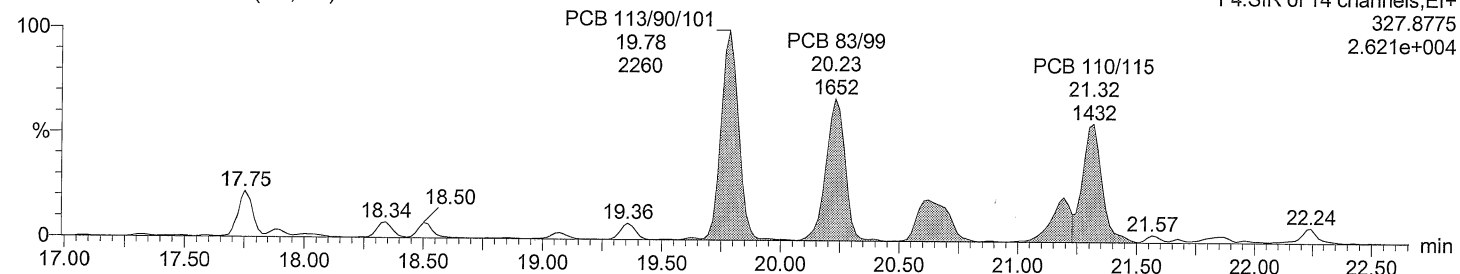
Total PeCB F4

M2160218DS006 Smooth(SG,2x1)



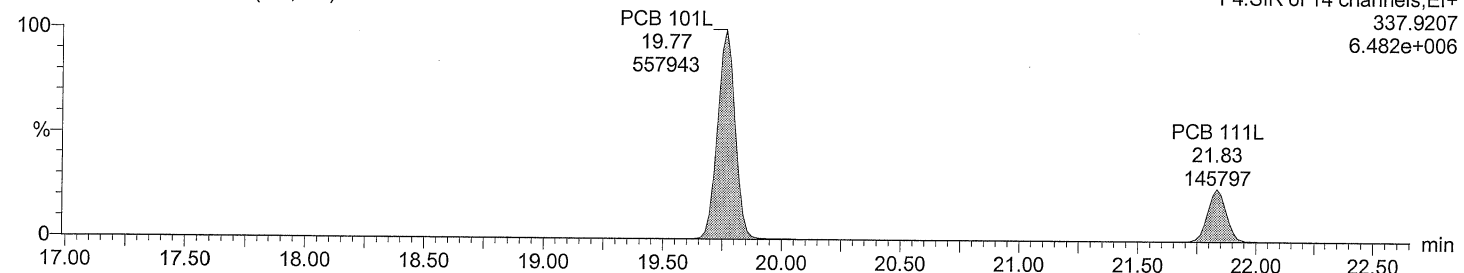
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M2160218DS006 Smooth(SG,2x1)



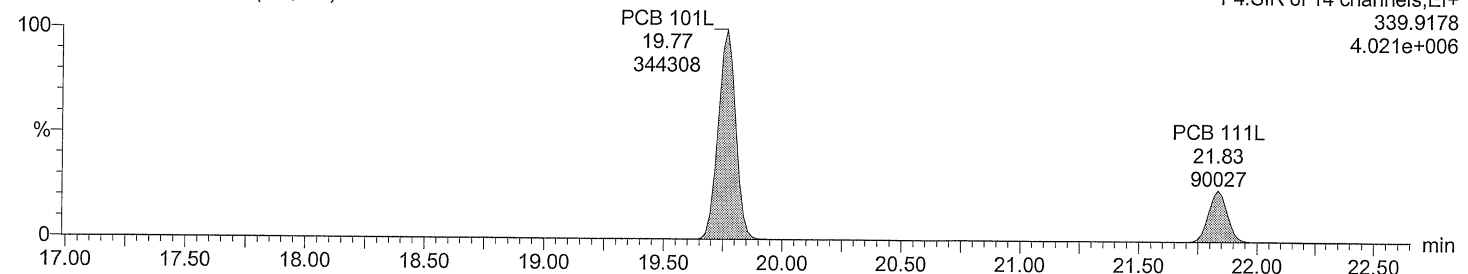
Total PeCB labeled F4

M2160218DS006 Smooth(SG,3x1)



Total PeCB labeled F4

M2160218DS006 Smooth(SG,3x1)



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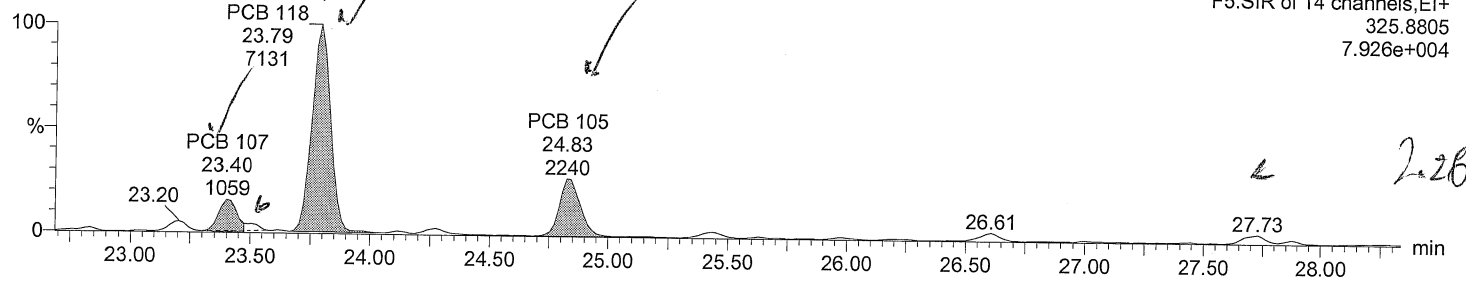
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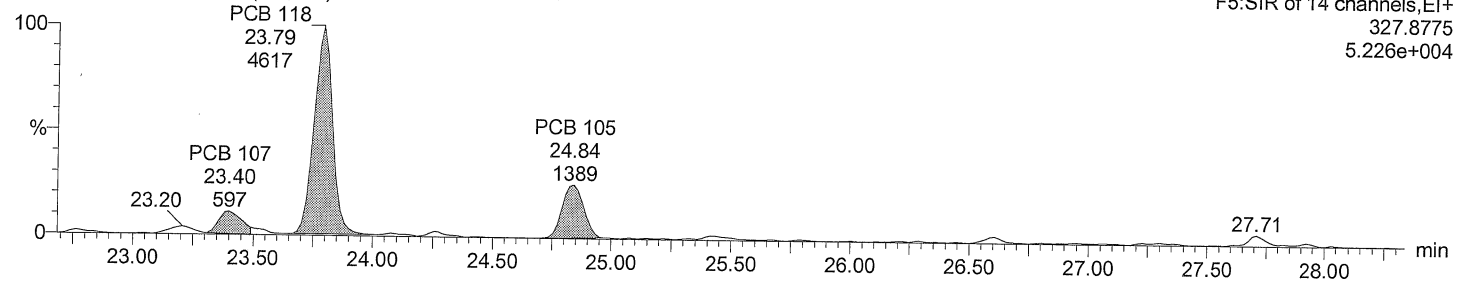
Total PeCB F5

M2160218DS006 Smooth(SG,2x1)



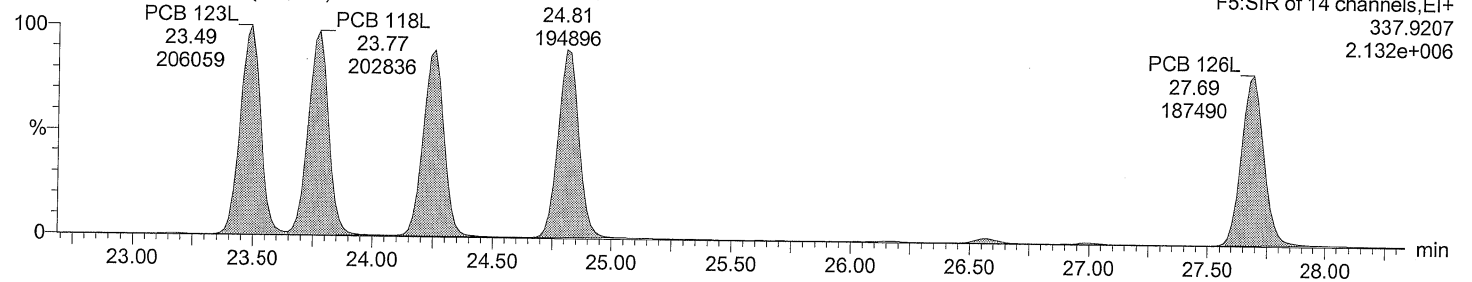
Total PeCB F5

M2160218DS006 Smooth(SG,2x1)



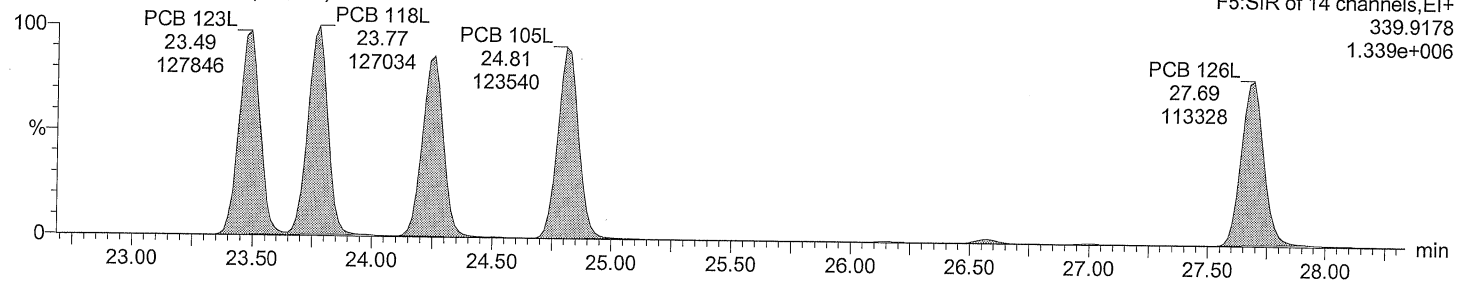
Total PeCB labeled F5

M2160218DS006 Smooth(SG,3x1)



Total PeCB labeled F5

M2160218DS006 Smooth(SG,3x1)

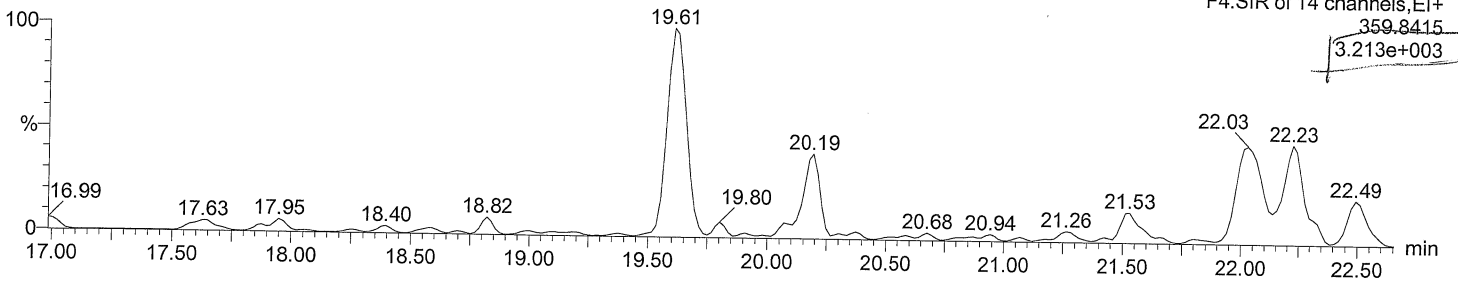


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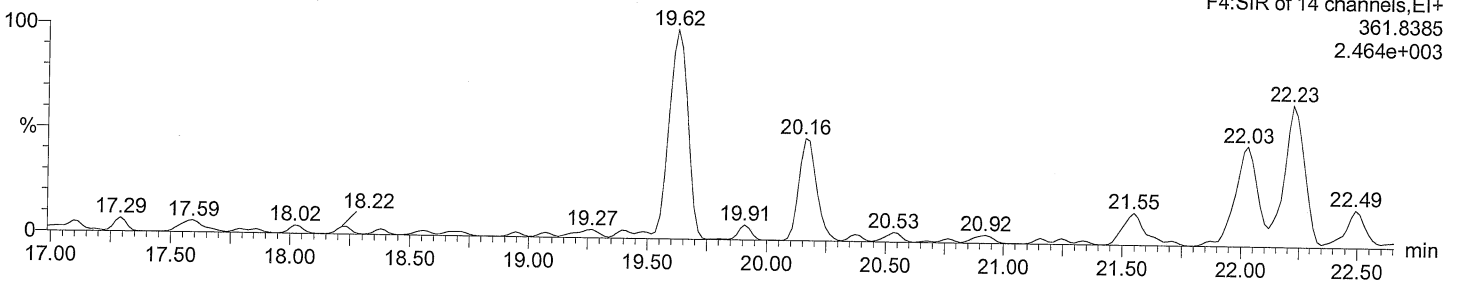
Total HxCB F4

M2160218DS006 Smooth(SG,3x1)



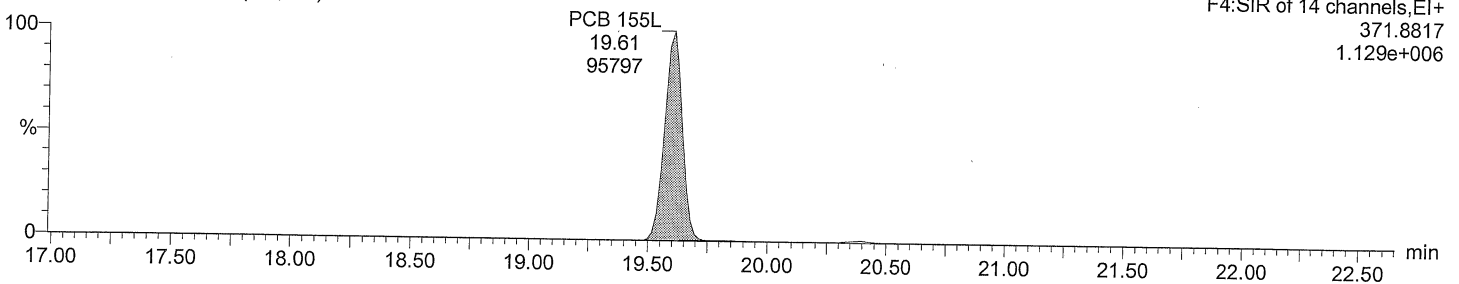
Total HxCB F4

M2160218DS006 Smooth(SG,3x1)



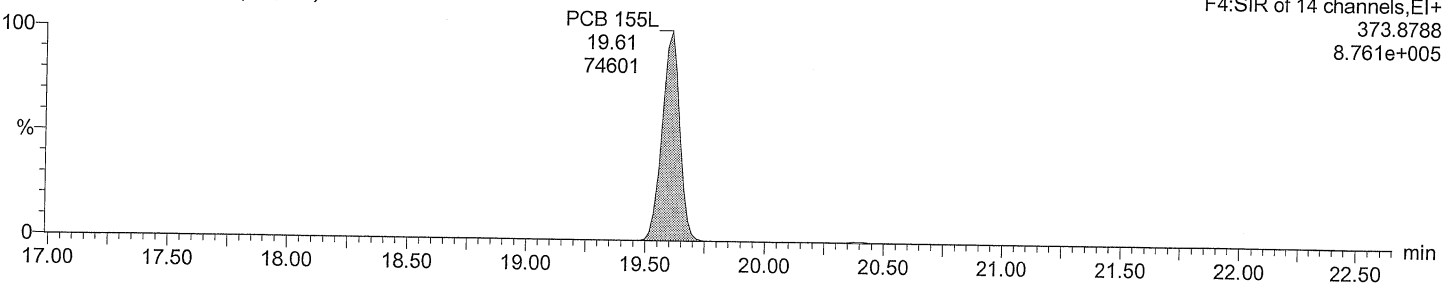
Total HxCB labeled F4

M2160218DS006 Smooth(SG,3x1)



Total HxCB labeled F4

M2160218DS006 Smooth(SG,3x1)



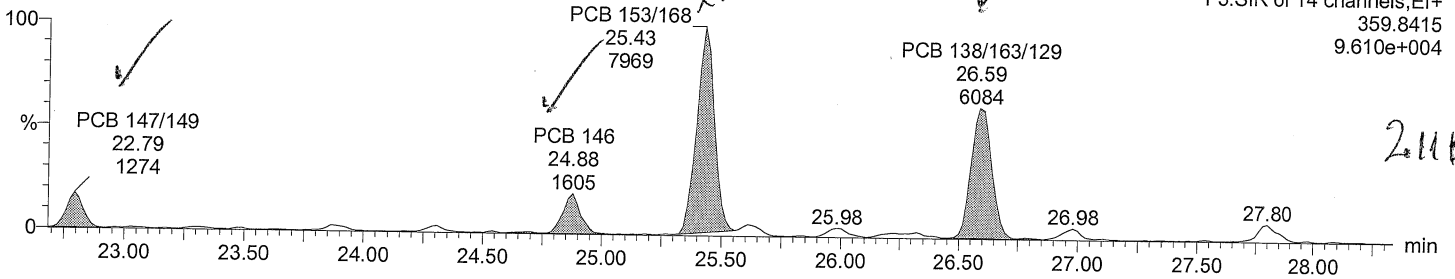
Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

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Printed: February 20, 2016 09:27:56 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: BLANK
Vial: 6
Date: 18-FEB-2016
Time: 22:38:24

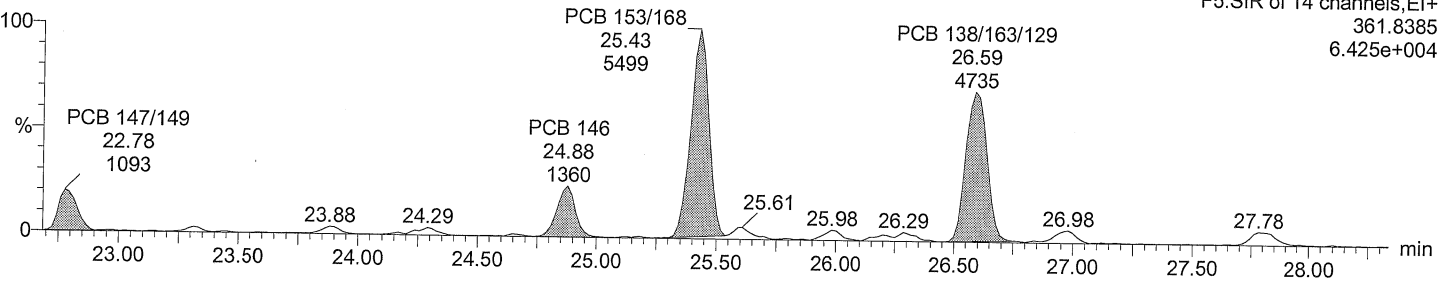
Total HxCB F5

M2160218DS006 Smooth(SG,1x1)



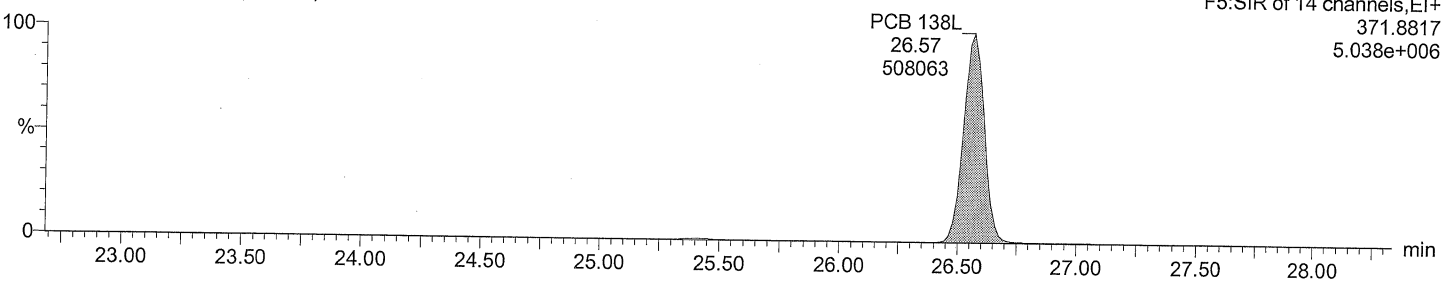
Total HxCB F5

M2160218DS006 Smooth(SG,1x1)



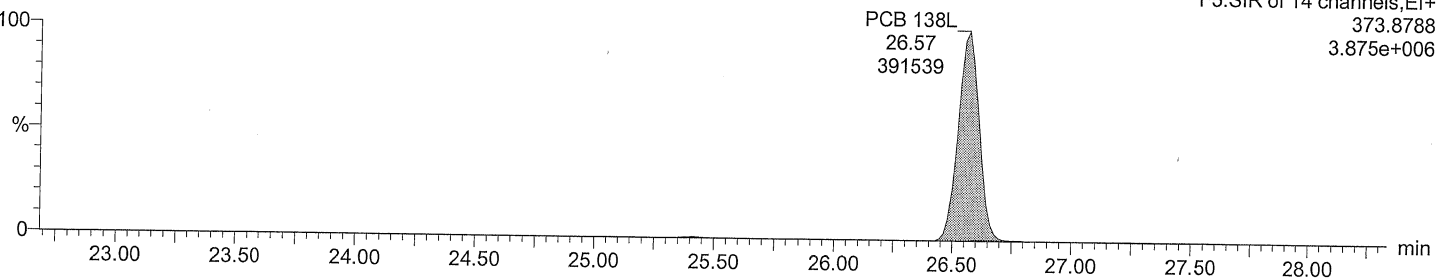
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M2160218DS006 Smooth(SG,3x1)



Total HxCB labeled F5

M2160218DS006 Smooth(SG,3x1)



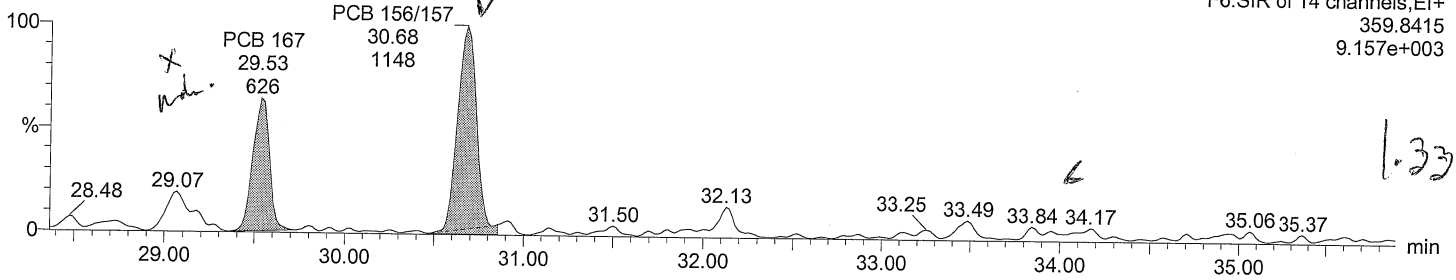
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Printed: February 20, 2016 09:27:56 AM Eastern Standard Time

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Vial: 6
Date: 18-FEB-2016
Time: 22:38:24

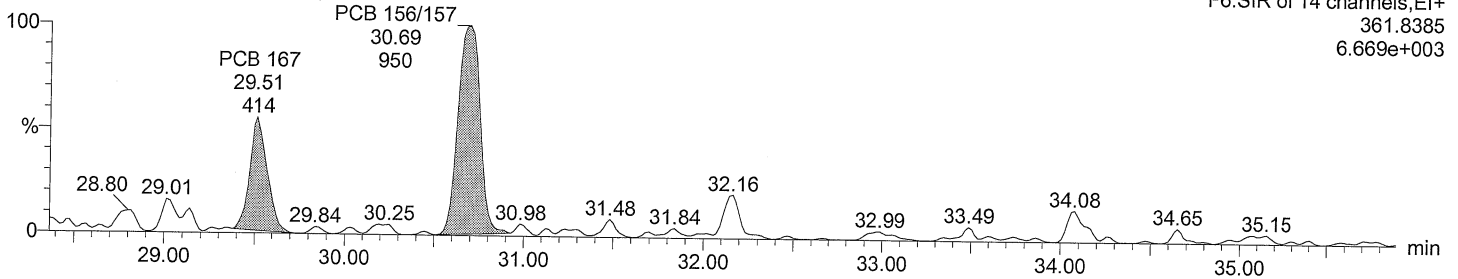
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M2160218DS006 Smooth(SG,3x1)



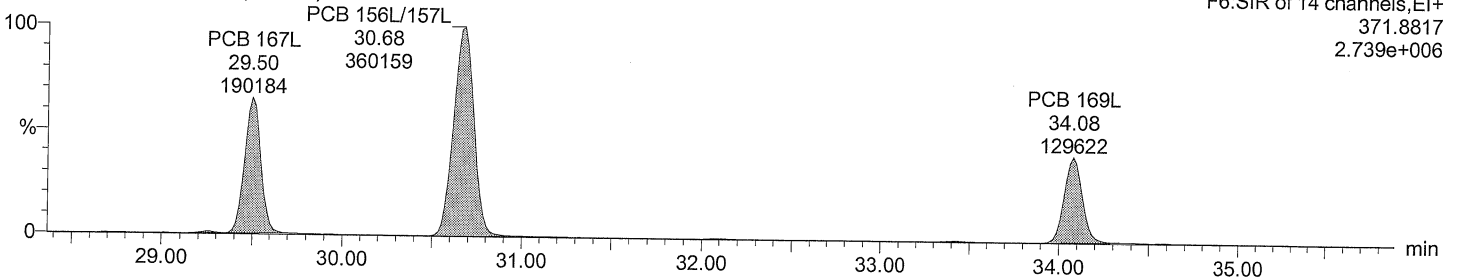
Total HxCB F6

M2160218DS006 Smooth(SG,3x1)



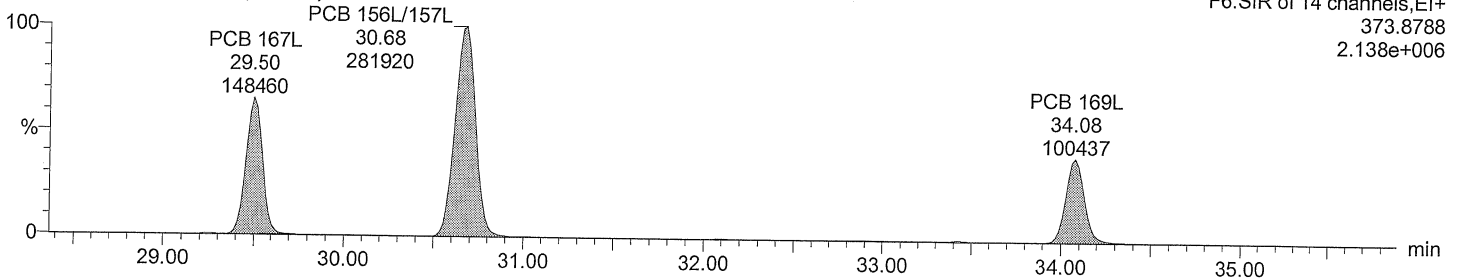
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M2160218DS006 Smooth(SG,3x1)



Total HxCB labeled F6

M2160218DS006 Smooth(SG,3x1)



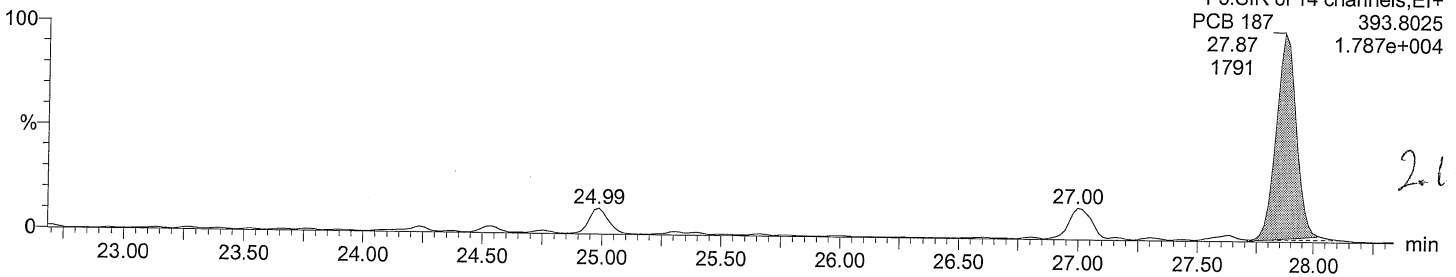
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Printed: February 20, 2016 09:27:56 AM Eastern Standard Time

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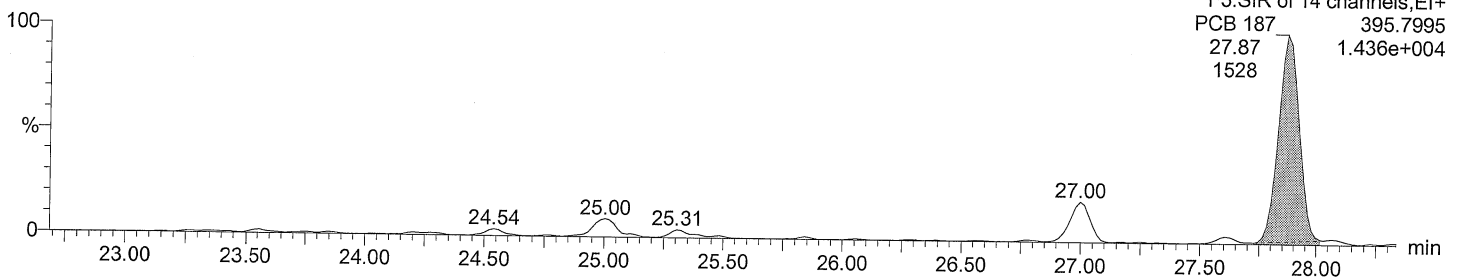
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M2160218DS006 Smooth(SG,3x1)



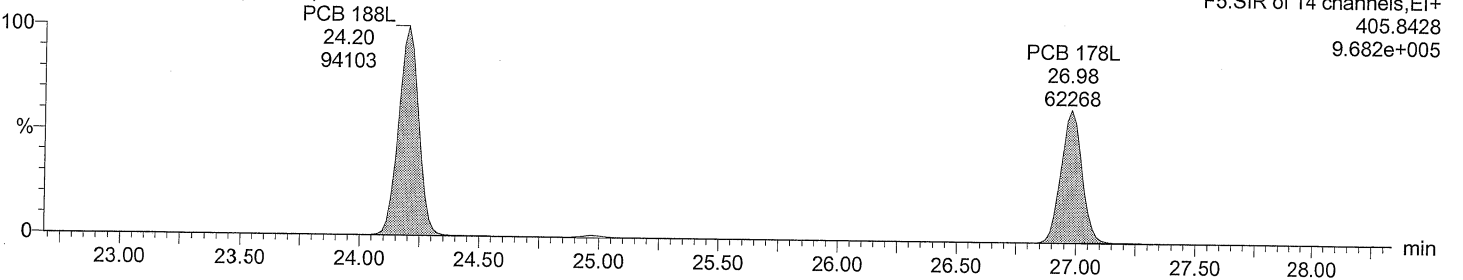
Total HpCB F5

M2160218DS006 Smooth(SG,3x1)



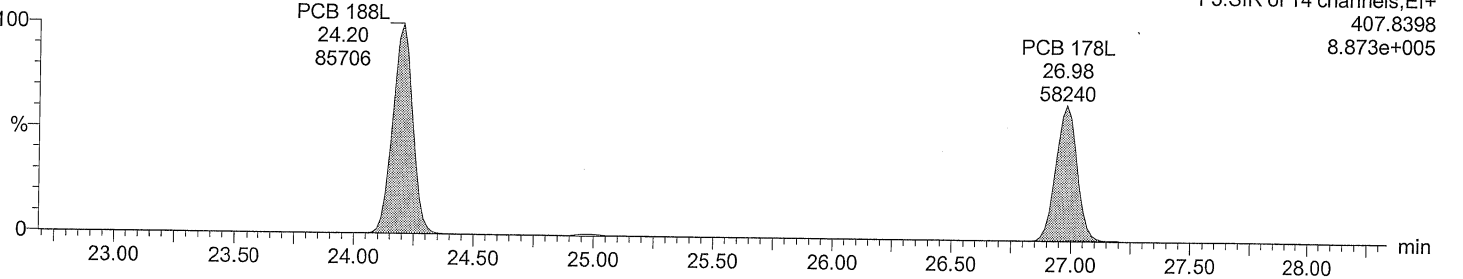
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M2160218DS006 Smooth(SG,3x1)



Total HpCB labeled F5

M2160218DS006 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

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ID: WS#4386412/4378609, Ti

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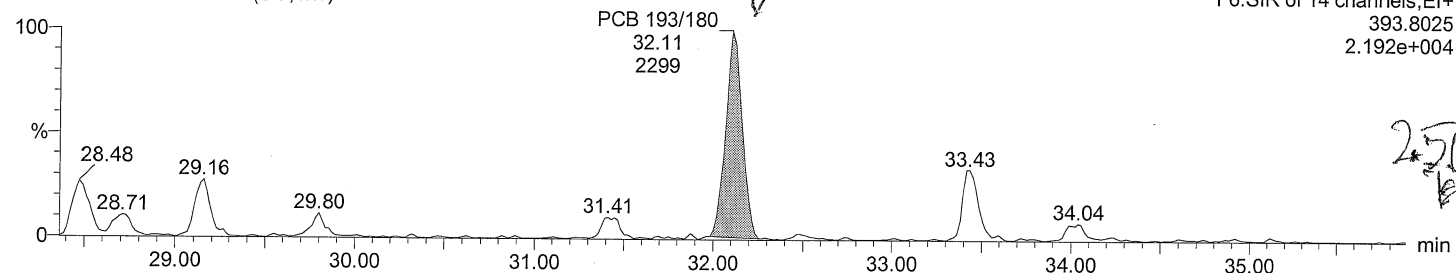
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Time: 22:38:24

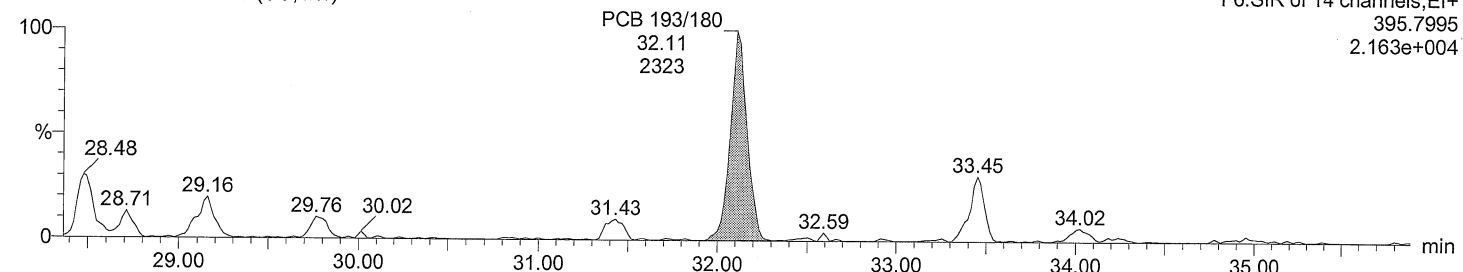
Total HpCB F6

M2160218DS006 Smooth(SG,1x1)



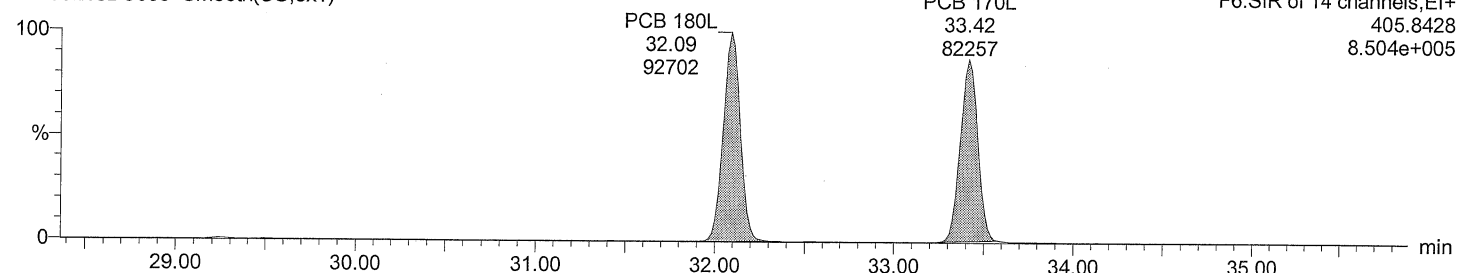
Total HpCB F6

M2160218DS006 Smooth(SG,1x1)



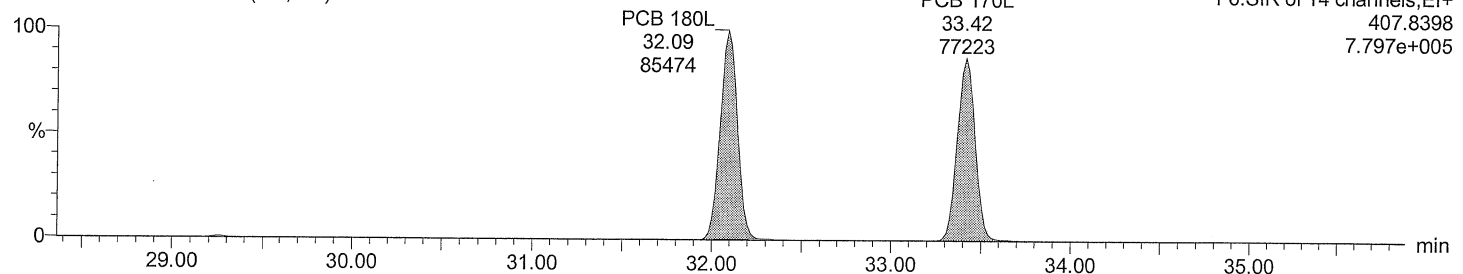
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M2160218DS006 Smooth(SG,3x1)



Total HpCB labeled F6

M2160218DS006 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

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Printed: February 20, 2016 09:27:56 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

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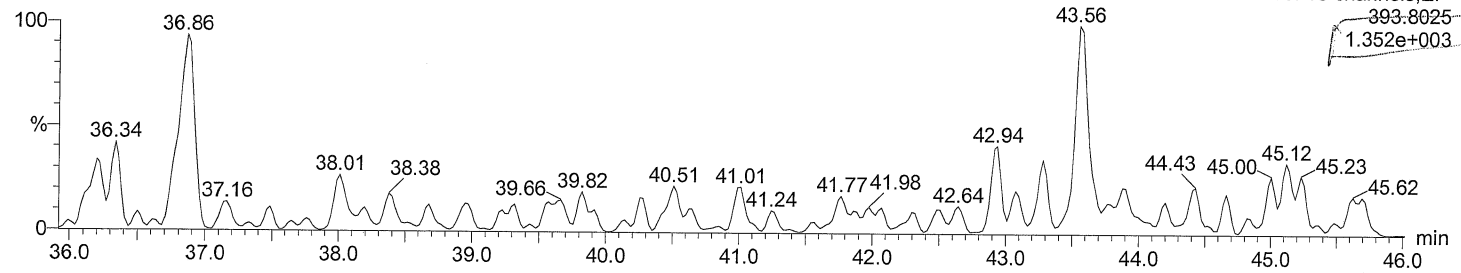
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Time: 22:38:24

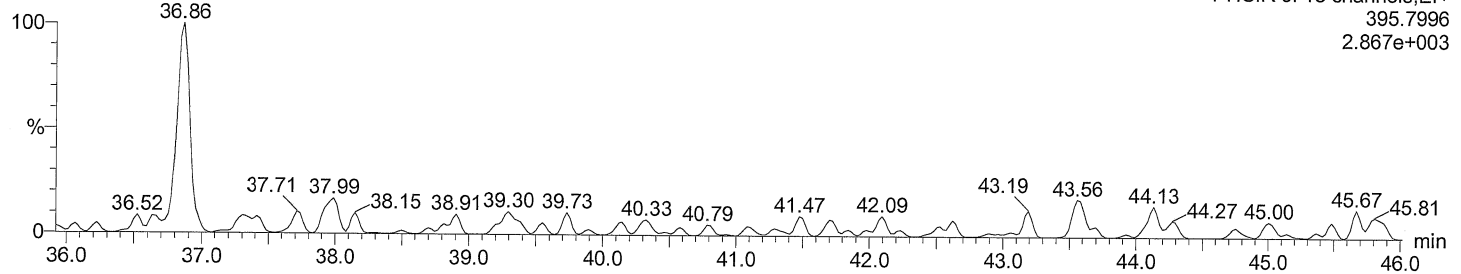
Total HpCB F7

M2160218DS006 Smooth(SG,3x1)



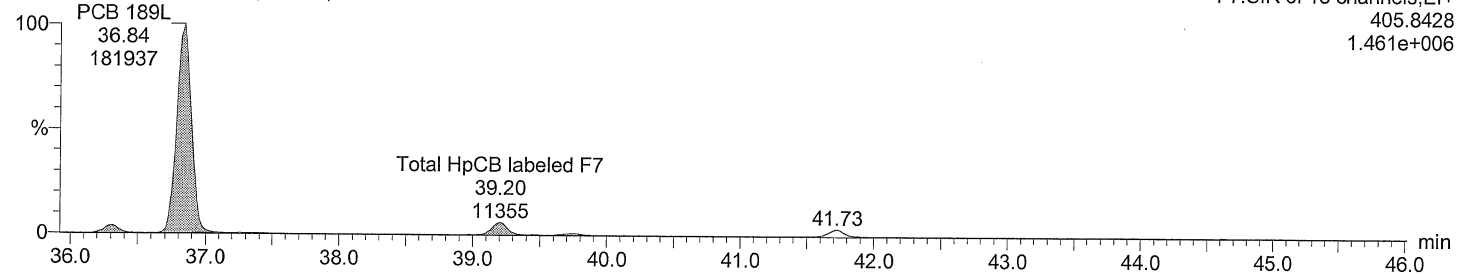
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M2160218DS006 Smooth(SG,3x1)



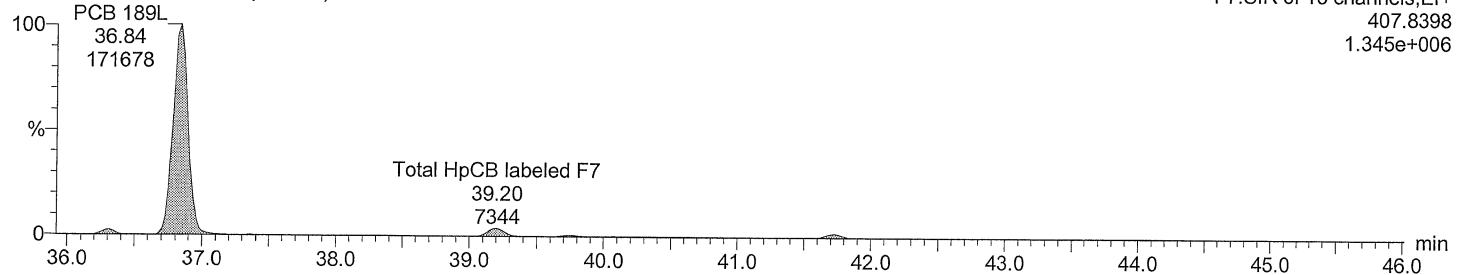
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M2160218DS006 Smooth(SG,3x1)



Total HpCB labeled F7

M2160218DS006 Smooth(SG,3x1)



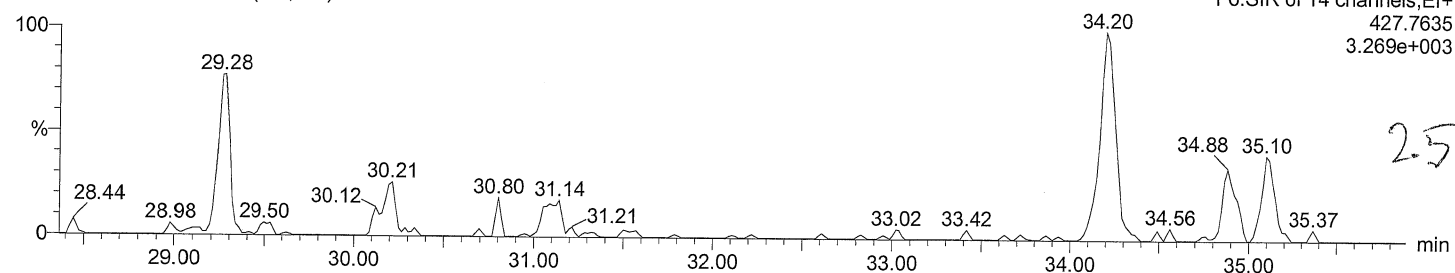
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Printed: February 20, 2016 09:27:56 AM Eastern Standard Time

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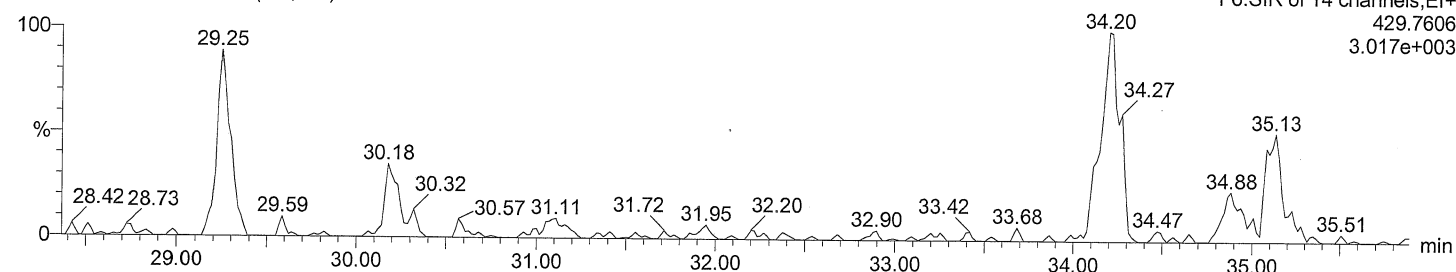
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M2160218DS006 Smooth(SG,1x1)



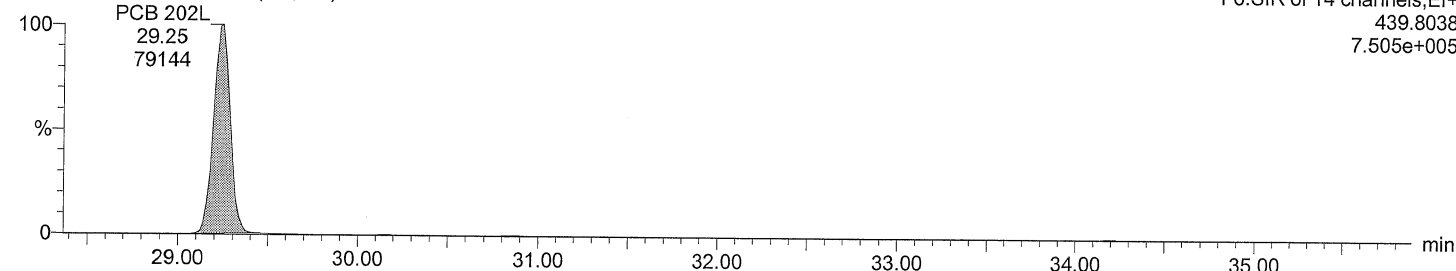
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M2160218DS006 Smooth(SG,1x1)



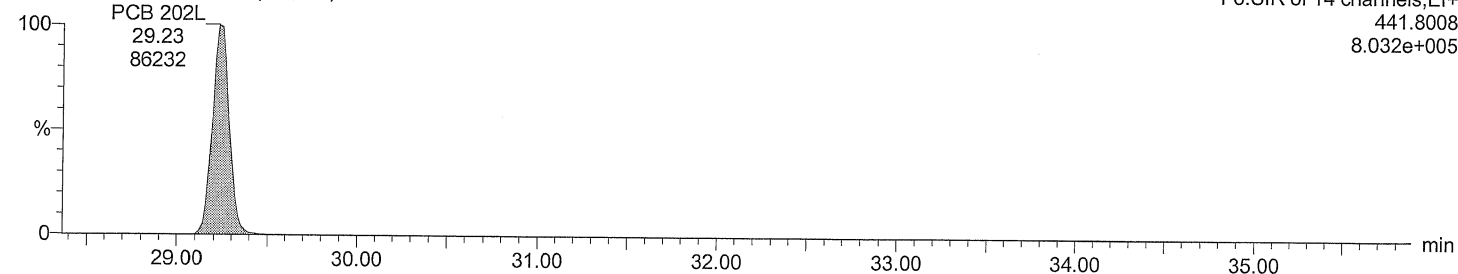
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M2160218DS006 Smooth(SG,3x1)



Total OcCB labeled F6

M2160218DS006 Smooth(SG,3x1)



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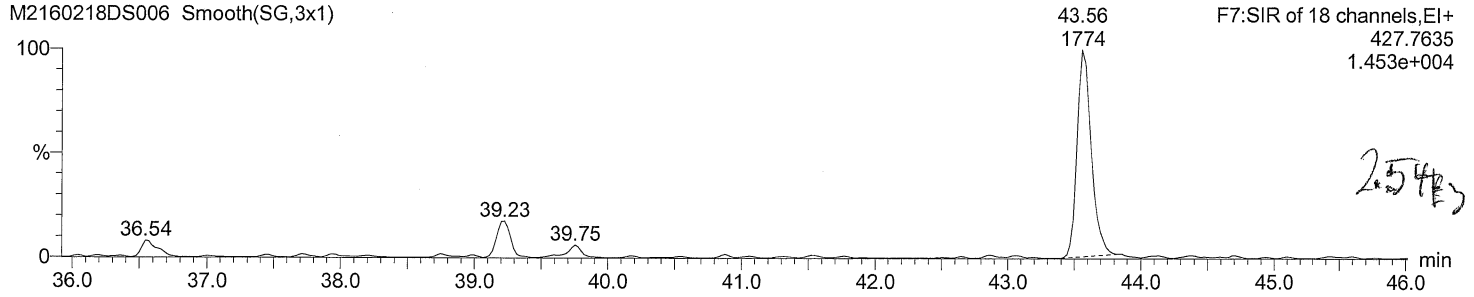
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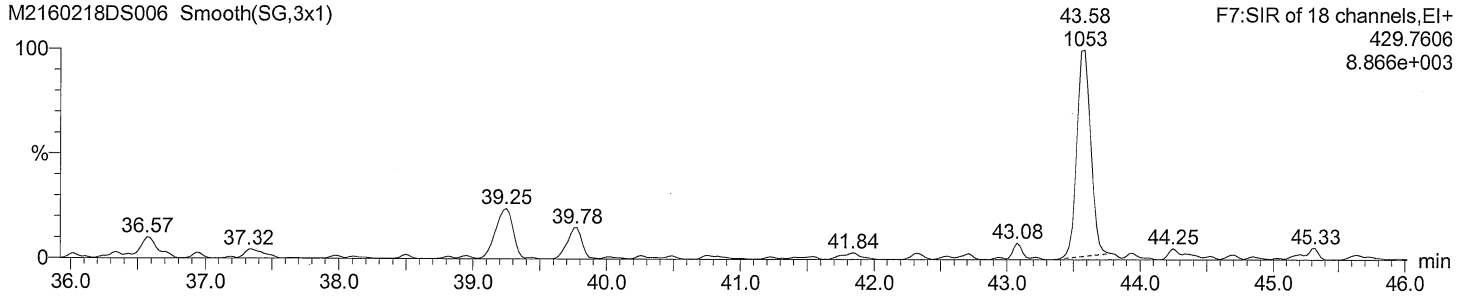
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M2160218DS006 Smooth(SG,3x1)



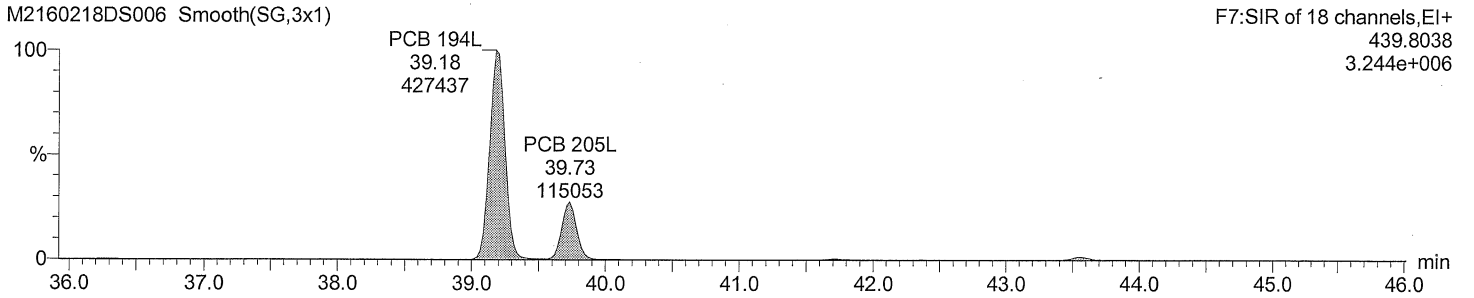
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M2160218DS006 Smooth(SG,3x1)



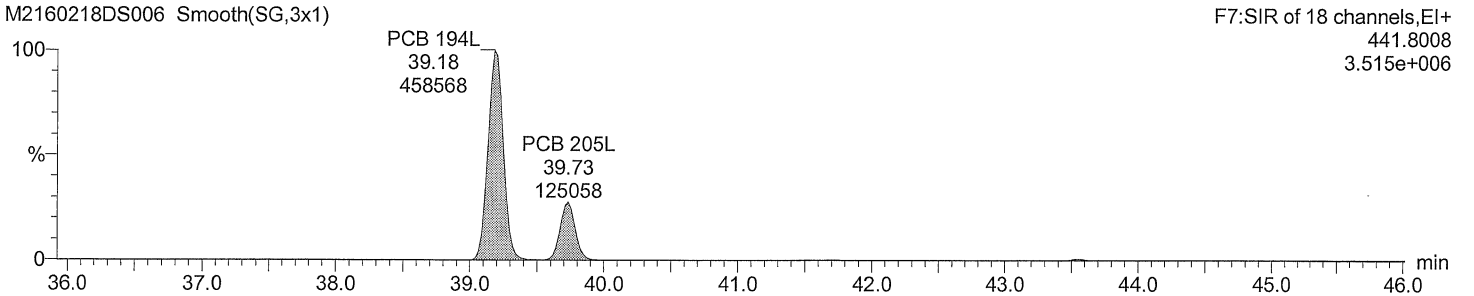
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M2160218DS006 Smooth(SG,3x1)



Total OoCB labeled F7

M2160218DS006 Smooth(SG,3x1)



Acquired Date

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ID: WS#4386412/4378609, Ti

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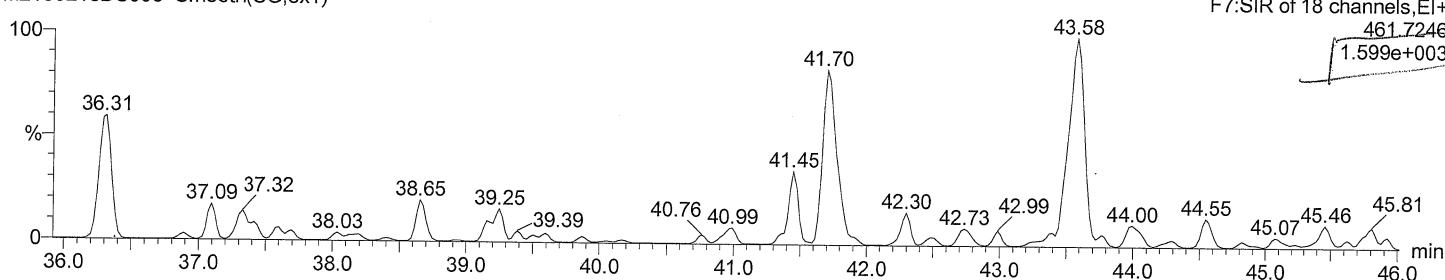
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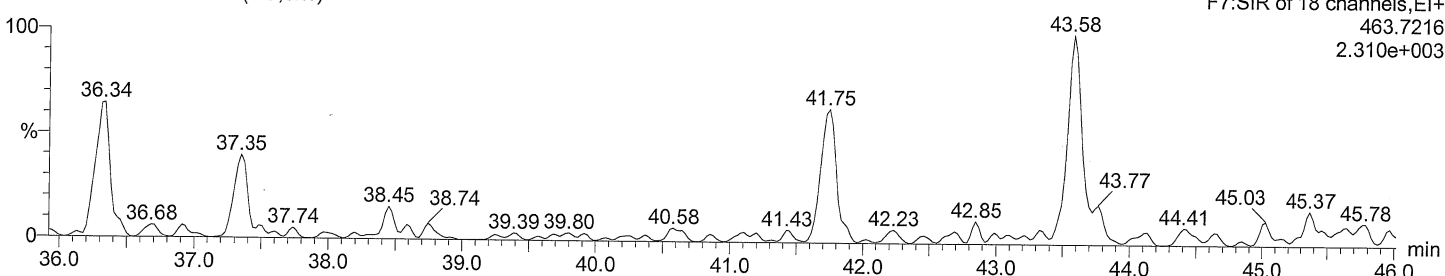
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M2160218DS006 Smooth(SG,3x1)



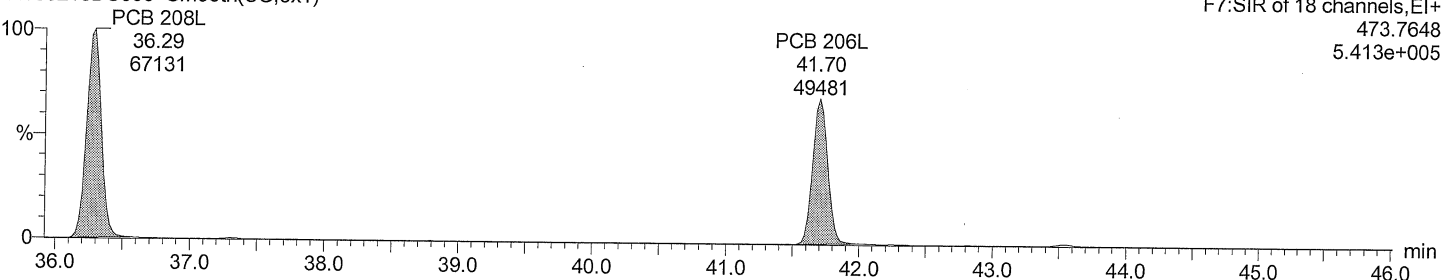
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M2160218DS006 Smooth(SG,3x1)



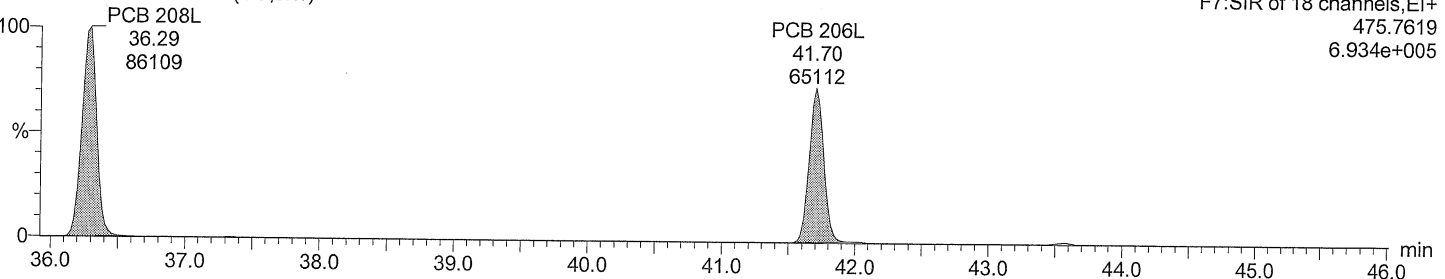
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M2160218DS006 Smooth(SG,3x1)



Total NoCB labeled F7

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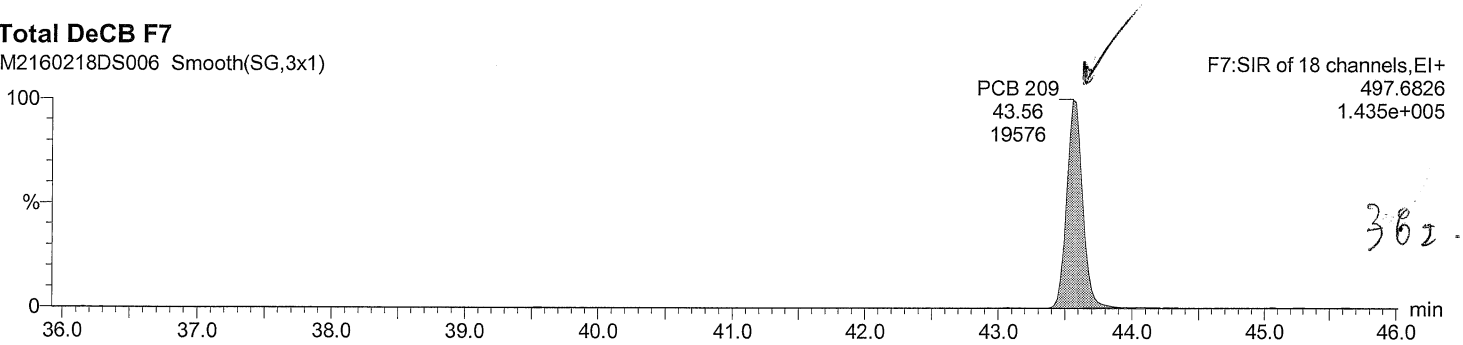


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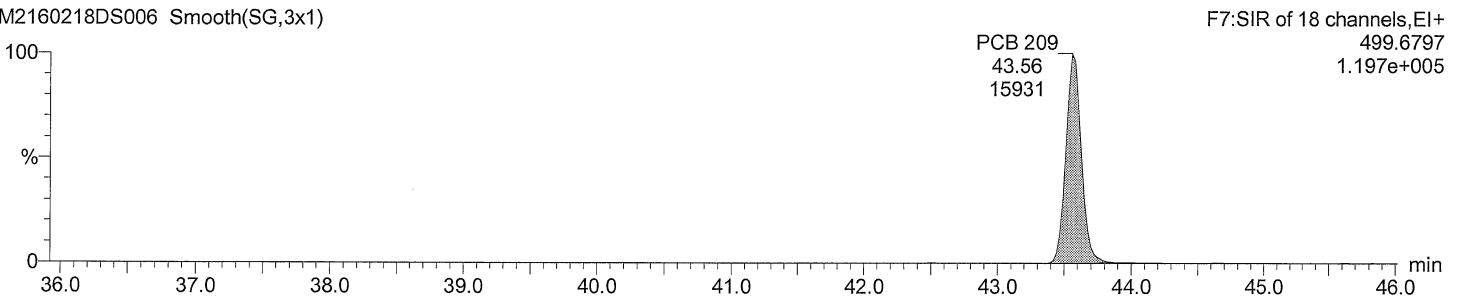
Total DeCB F7

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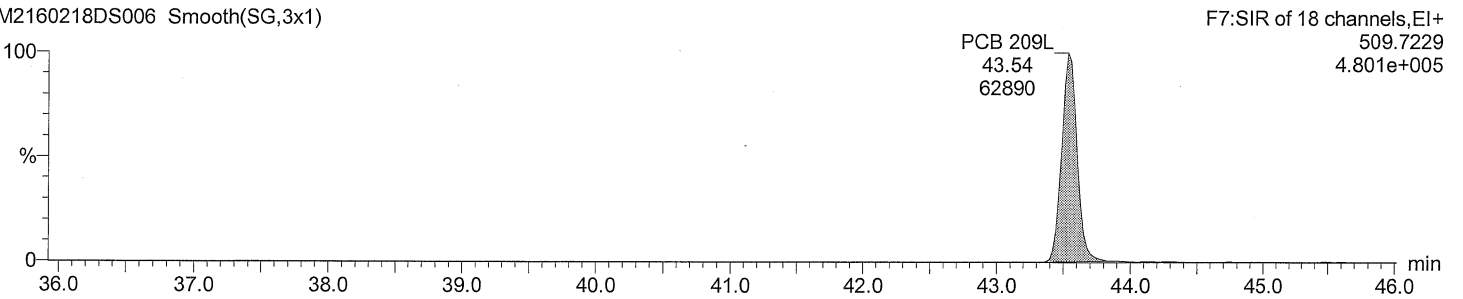
Total DeCB F7

M2160218DS006 Smooth(SG,3x1)



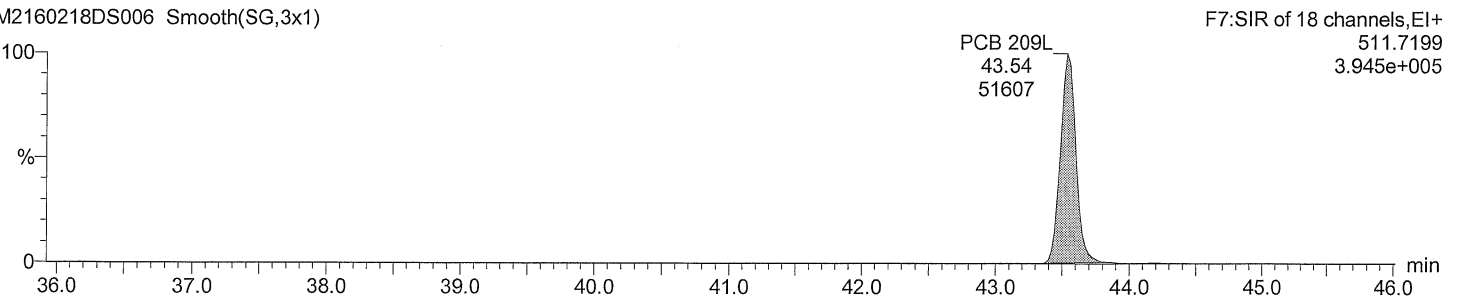
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M2160218DS006 Smooth(SG,3x1)



Total DeCB labeled F7

M2160218DS006 Smooth(SG,3x1)



Acquired Date

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ID: WS#4386412/4378609, Ti

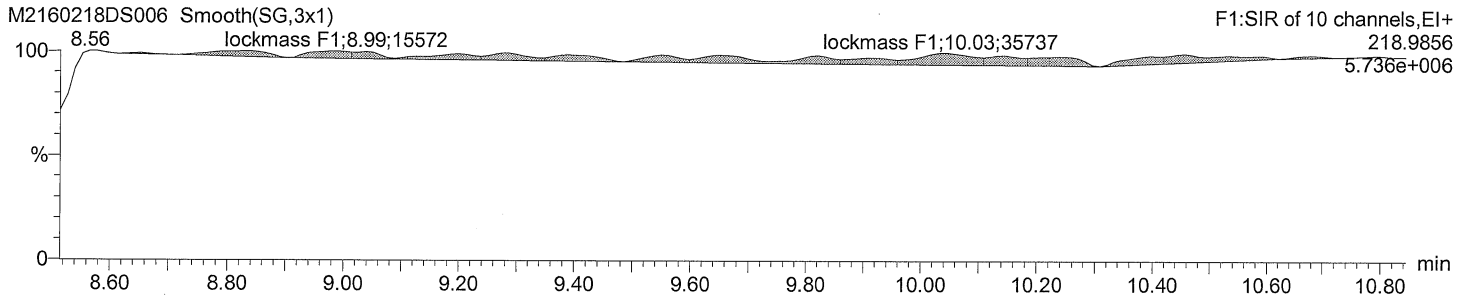
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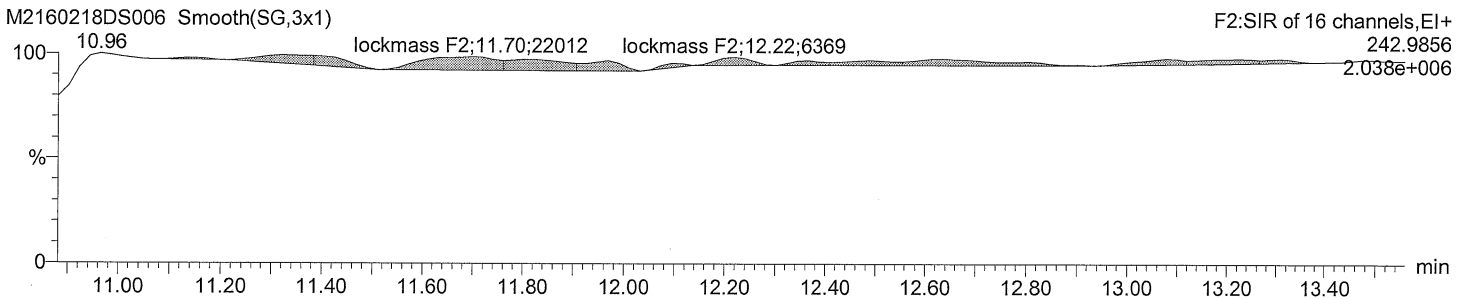
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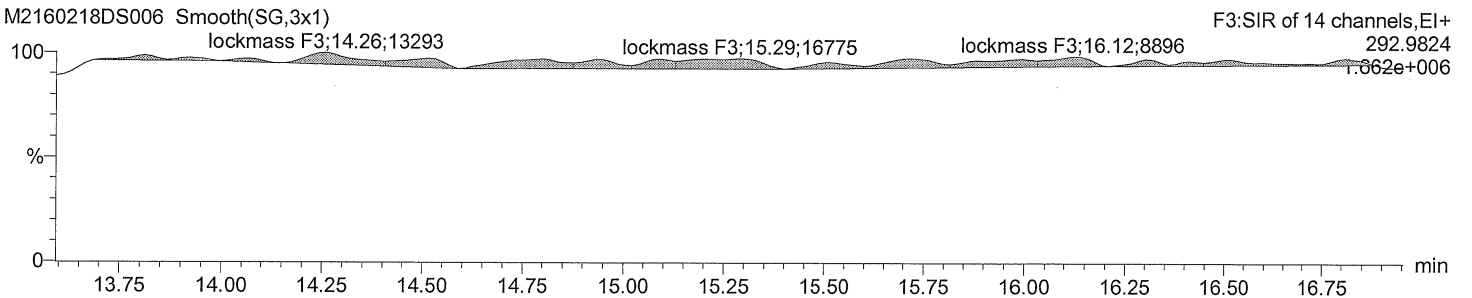
lockmass F1



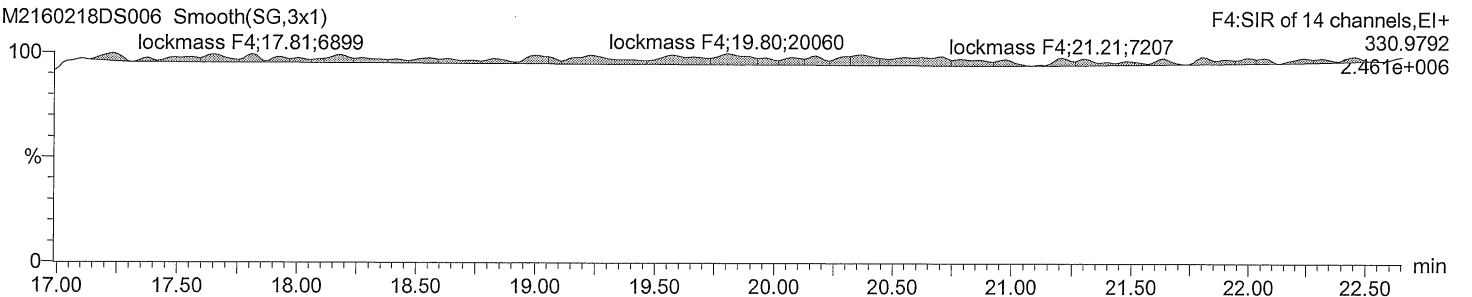
lockmass F2



lockmass F3



lockmass F4

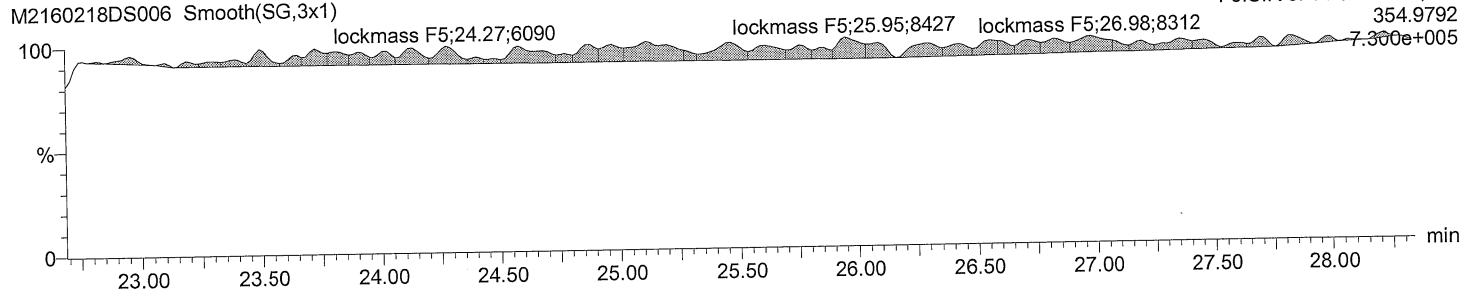


Quantify Sample Report **MassLynx 4.0 SP1**
Acquired Date

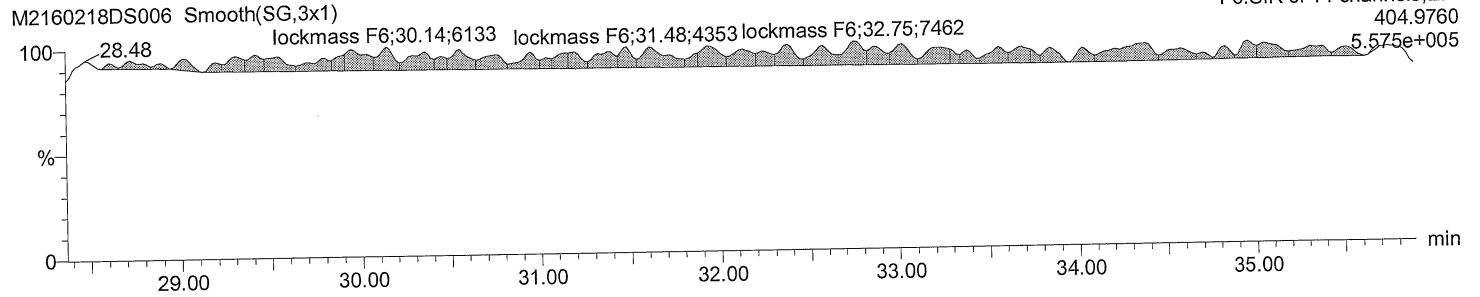
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Last Altered: February 20, 2016 09:25:30 AM Eastern Standard Time
Printed: February 20, 2016 09:27:56 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: BLANK
Vial: 6
Date: 18-FEB-2016
Time: 22:38:24

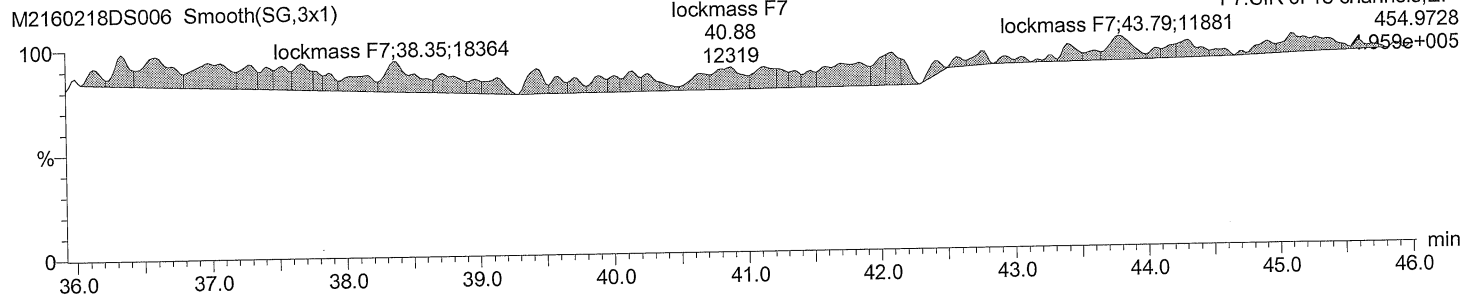
lockmass F5



lockmass F6

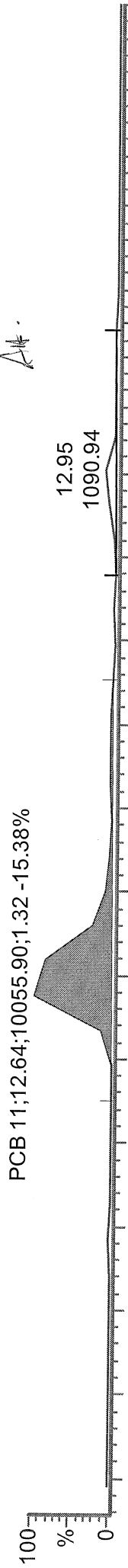


lockmass F7

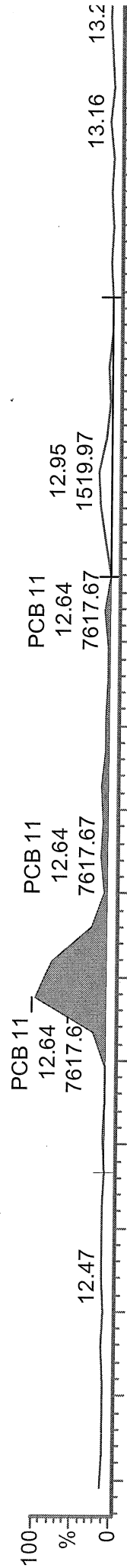


Before
16.02.20
Alt.

M2160218DS006
BLANK WS#4386412/4378609, TI



M2160218DS006
BLANK WS#4386412/4378609, TI

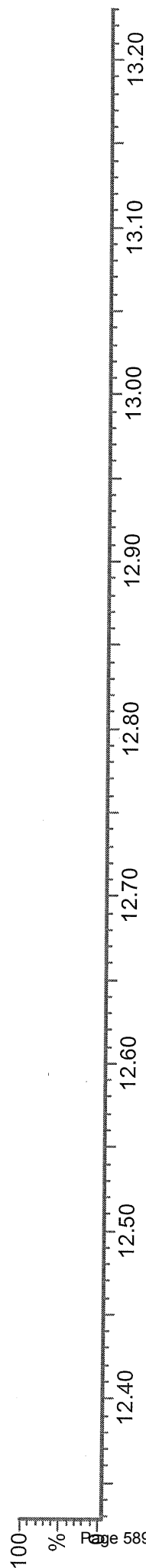


M2160218DS006 Smooth(SG,3x1)
BLANK WS#4386412/4378609, TI

FEB 23 2016

DL

M2160218DS006 Smooth(SG,3x1)
BLANK WS#4386412/4378609, TI

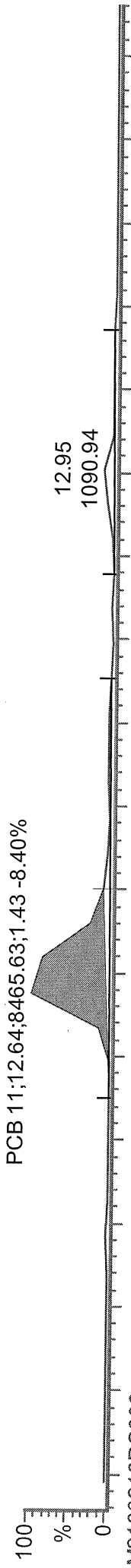


M3 16/02/20 : AH

Maxxam Analy

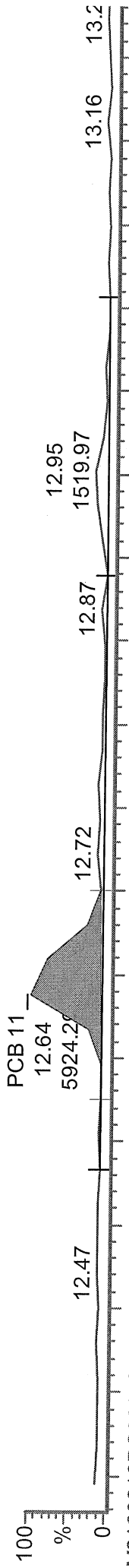
M2160218DS006

BLANK WS#4386412/4378609, TI



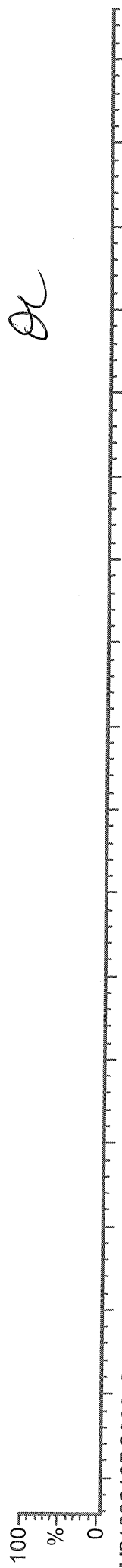
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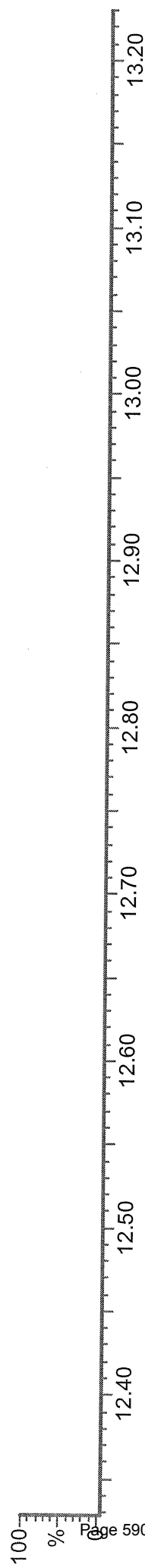
M2160218DS006 Smooth(SG,3x1)

BLANK WS#4386412/4378609, TI



M2160218DS006 Smooth(SG,3x1)

BLANK WS#4386412/4378609, TI



FEB 23 2016

DL

Sample ID **SPIKE**
 Comments
 Instrument File Ultima 3
 Sample Size 10.204 Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng	Code	Isomers	DL	S/N	Mod	rrf	Rec
1 PCB 1	188	8.99	94454	3.2	123942	0.099515	PCB 1 % Rec = 102		-0.00053	479	no	1.082	-
	MoCB 190	8.98	29487	yes						465			
2 PCB 2	188	NotFnd	*	*	*	-0.00047			-0.00047	*	no	1.2	-
	MoCB 190	10.10	*	no						*			
3 PCB 3	188	10.19	90697	3.25	118577	0.098793	PCB 3 % Rec = 101		-0.00053	485	no	1.079	-
	MoCB 190	10.19	27880	yes						462			
4 PCB 4	222	10.30	35779	1.55	58847	0.109975	PCB 4 % Rec = 112		-0.00232	1052	no	0.954	-
	DICB 224	10.30	23068	yes						48			
5 PCB 10	222	NotFnd	*	*	*	-0.0018			-0.0018	*	no	1.229	-
	DICB 224	10.37	*	no						*			
6 PCB 9	222	NotFnd	*	*	*	-0.00319			-0.00319	*	no	1.311	-
	DICB 224	11.18	*	no						*			
7 PCB 7	222	NotFnd	*	*	*	-0.00359			-0.00359	*	no	1.165	-
	DICB 224	11.26	*	no						*			
8 PCB 6	222	NotFnd	*	*	*	-0.00317			-0.00317	*	no	1.319	-
	DICB 224	11.34	*	no						*			
9 PCB 5	222	NotFnd	*	*	*	-0.00426			-0.00426	*	no	0.983	-
	DICB 224	11.50	*	no						*			
10 PCB 8	222	NotFnd	*	*	*	-0.00287			-0.00287	*	no	1.456	-
	DICB 224	11.55	*	no						*			
11 PCB 14	222	NotFnd	*	*	*	-0.00314			-0.00314	*	no	1.332	-
	DICB 224	12.26	*	no						*			
12 PCB 11	222	NotFnd	*	*	*	-0.00326			-0.00326	*	no	1.285	-
	DICB 224	12.66	*	no						*			
13 PCB 13/12	222	NotFnd	*	*	*	-0.00346			-0.00346	*	no	1.21	-
	DICB 224	12.82	*	no						*			
14 PCB 15	222	12.95	93605	1.51	155531	0.104571	PCB 15 % Rec = 107		-0.0048	1223	no	0.871	-
	DiCB 224	12.96	61927	yes						48			
15 PCB 19	256	11.68	30803	1.05	60211	0.102724	PCB 19 % Rec = 105		-0.00237	256	no	0.899	-
	TriCB 258	11.70	29408	yes						257			
16 PCB 30/18	256	NotFnd	*	*	*	-0.00262			-0.00262	*	no	0.813	-
	TriCB 258	12.48	*	no						*			
17 PCB 17	256	NotFnd	*	*	*	-0.00312			-0.00312	*	no	0.683	-
	TriCB 258	12.69	*	no						*			
18 PCB 27	256	NotFnd	*	*	*	-0.00213			-0.00213	*	no	1.002	-
	TriCB 258	12.79	*	no						*			
19 PCB 24	256	NotFnd	*	*	*	-0.00249			-0.00249	*	no	0.855	-
	TriCB 258	12.87	*	no						*			
20 PCB 16	256	NotFnd	*	*	*	-0.00425			-0.00425	*	no	0.501	-
	TriCB 258	12.90	*	no						*			
21 PCB 32	256	NotFnd	*	*	*	-0.00195			-0.00195	*	no	1.093	-
	TriCB 258	13.14	*	no						*			
22 PCB 34	256	13.74	69645	1.01	138669	0.091522	PCB 34 % Rec = 93		-0.00054	666	no	1.235	-
	TriCB 258	13.74	69025	yes						675			
23 PCB 23	256	13.83	81143	1.04	158821	0.125415	PCB 23 % Rec = 128		-0.00064	688	no	1.033	-
	TriCB 258	13.83	77678	yes						677			
24 PCB 26/29	256	NotFnd	*	*	*	-0.00054			-0.00054	*	no	1.221	-
	TriCB 258	13.99	*	no						*			
25 PCB 25	256	NotFnd	*	*	*	-0.0005			-0.0005	*	no	1.334	-
	TriCB 258	14.10	*	no						*			
26 PCB 31	256	NotFnd	*	*	*	-0.0005			-0.0005	*	no	1.335	-
	TriCB 258	14.26	*	no						*			
27 PCB 28/20	256	NotFnd	*	*	*	-0.00056			-0.00056	*	no	1.191	-
	TriCB 258	14.43	*	no						*			
28 PCB 21/33	256	NotFnd	*	*	*	-0.00053			-0.00053	*	no	1.255	-
	TriCB 258	14.53	*	no						*			
29 PCB 22	256	NotFnd	*	*	*	-0.00059			-0.00059	*	no	1.127	-
	TriCB 258	14.76	*	no						*			
30 PCB 36	256	NotFnd	*	*	*	-0.00042			-0.00042	*	no	1.57	-
	TriCB 258	15.60	*	no						*			
31 PCB 39	256	NotFnd	*	*	*	-0.0005			-0.0005	*	no	1.32	-
	TriCB 258	15.83	*	no						*			
32 PCB 38	256	NotFnd	*	*	*	-0.00046			-0.00046	*	no	1.438	-
	TriCB 258	16.18	*	no						*			
33 PCB 35	256	NotFnd	*	*	*	-0.00042			-0.00042	*	no	1.597	-
	TriCB 258	16.45	*	no						*			
34 PCB 37	256	16.70	79602	1	158770	0.09737	PCB 37 % Rec = 99		-0.00073	550	no	0.906	-
	TriCB 258	16.70	79168	yes						563			
35 PCB 54	290	13.08	30125	0.77	69131	0.098275	PCB 54 % Rec = 100		-0.00061	389	no	0.911	-
	TCB 292	13.08	39006	yes						386			
36 PCB 53/50	290	NotFnd	*	*	*	-0.00204			-0.00204	*	no	0.654	-
	TCB 292	14.12	*	no						*			
37 PCB 45/51	290	NotFnd	*	*	*	-0.0021			-0.0021	*	no	0.633	-
	TCB 292	14.49	*	no						*			
38 PCB 46	290	NotFnd	*	*	*	-0.0024			-0.0024	*	no	0.554	-
	TCB 292	14.64	*	no						*			
39 PCB 52	290	NotFnd	*	*	*	-0.0016			-0.0016	*	no	0.834	-
	TCB 292	15.38	*	no						*			
40 PCB 73	290	NotFnd	*	*	*	-0.00164			-0.00164	*	no	0.813	-
	TCB 292	15.46	*	no						*			
41 PCB 43	290	NotFnd	*	*	*	-0.00258			-0.00258	*	no	0.516	-
	TCB 292	15.53	*	no						*			
42 PCB 69/49	290	NotFnd	*	*	*	-0.00156			-0.00156	*	no	0.851	-
	TCB 292	15.64	*	no						*			

43	PCB 48	290	NotFnd	*	*	*	-0.00198	-0.00198	*	no	0.673	-	
		TCB 292	15.84	*	no	*			*				
44	PCB 44/47/65	290	NotFnd	*	*	*	-0.0017	-0.0017	*	no	0.783	-	
		TCB 292	15.98	*	no	*			*				
45	PCB 59/62/75	290	NotFnd	*	*	*	-0.00131	-0.00131	*	no	1.017	-	
		TCB 292	16.17	*	no	*			*				
46	PCB 42	290	NotFnd	*	*	*	-0.00195	-0.00195	*	no	0.682	-	
		TCB 292	16.30	*	no	*			*				
47	PCB 40/41/71	290	NotFnd	*	*	*	-0.00184	-0.00184	*	no	0.724	-	
		TCB 292	16.58	*	no	*			*				
48	PCB 64	290	NotFnd	*	*	*	-0.00144	-0.00144	*	no	0.922	-	
		TCB 292	16.71	*	no	*			*				
49	PCB 72	290	NotFnd	*	*	*	-0.00137	-0.00137	*	no	1.304	-	
		TCB 292	17.19	*	no	*			*				
50	PCB 68	290	NotFnd	*	*	*	-0.00147	-0.00147	*	no	1.22	-	
		TCB 292	17.40	*	no	*			*				
51	PCB 57	290	NotFnd	*	*	*	-0.00147	-0.00147	*	no	1.221	-	
		TCB 292	17.68	*	no	*			*				
52	PCB 58	290	NotFnd	*	*	*	-0.00173	-0.00173	*	no	1.035	-	
		TCB 292	17.83	*	no	*			*				
53	PCB 67	290	NotFnd	*	*	*	-0.00133	-0.00133	*	no	1.347	-	
		TCB 292	17.94	*	no	*			*				
54	PCB 63	290	NotFnd	*	*	*	-0.00143	-0.00143	*	no	1.253	-	
		TCB 292	18.13	*	no	*			*				
55	PCB 61/70/74/76	290	NotFnd	*	*	*	-0.00161	-0.00161	*	no	1.109	-	
		TCB 292	18.35	*	no	*			*				
56	PCB 66	290	NotFnd	*	*	*	-0.00144	-0.00144	*	no	1.241	-	
		TCB 292	18.58	*	no	*			*				
57	PCB 55	290	NotFnd	*	*	*	-0.00179	-0.00179	*	no	0.998	-	
		TCB 292	18.71	*	no	*			*				
58	PCB 56	290	NotFnd	*	*	*	-0.0018	-0.0018	*	no	0.995	-	
		TCB 292	19.05	*	no	*			*				
59	PCB 60	290	NotFnd	*	*	*	-0.00181	-0.00181	*	no	0.988	-	
		TCB 292	19.22	*	no	*			*				
60	PCB 80	290	NotFnd	*	*	*	-0.00146	-0.00146	*	no	1.224	-	
		TCB 292	19.48	*	no	*			*				
61	PCB 79	290	NotFnd	*	*	*	-0.00122	-0.00122	*	no	1.462	-	
		TCB 292	20.61	*	no	*			*				
62	PCB 78	290	NotFnd	*	*	*	-0.00139	-0.00139	*	no	1.287	-	
		TCB 292	21.06	*	no	*			*				
63	PCB 81	290	21.42	66670	0.74	156361	0.099467	PCB 81 % Rec = 101	-0.00174	165	no	1.027	-
		TCB 292	21.43	89691	yes					167			
64	PCB 77	290	21.87	64853	0.75	151475	0.096933	PCB 77 % Rec = 99	-0.00166	155	no	1.077	-
		TCB 292	21.87	86622	yes					158			
65	PCB 104	326	15.92	50035	1.59	81557	0.100825	PCB 104 % Rec = 103	-0.00037	674	no	1.094	-
		PeCB 328	15.94	31523	yes					662			
66	PCB 96	326	NotFnd	*	*	*	-0.00047	-0.00047	*	no	0.874	-	
		PeCB 328	16.16	*	no	*			*				
67	PCB 103	326	NotFnd	*	*	*	-0.00239	-0.00239	*	no	0.739	-	
		PeCB 328	17.33	*	no	*			*				
68	PCB 94	326	NotFnd	*	*	*	-0.00327	-0.00327	*	no	0.54	-	
		PeCB 328	17.47	*	no	*			*				
69	PCB 95	326	NotFnd	*	*	*	-0.00259	-0.00259	*	no	0.683	-	
		PeCB 328	17.77	*	no	*			*				
70	PCB 100/93/102/98	326	NotFnd	*	*	*	-0.00285	-0.00285	*	no	0.619	-	
		PeCB 328	17.93	*	no	*			*				
71	PCB 88/91	326	NotFnd	*	*	*	-0.00283	-0.00283	*	no	0.625	-	
		PeCB 328	18.31	*	no	*			*				
72	PCB 84	326	NotFnd	*	*	*	-0.00331	-0.00331	*	no	0.534	-	
		PeCB 328	18.50	*	no	*			*				
73	PCB 89	326	NotFnd	*	*	*	-0.00303	-0.00303	*	no	0.582	-	
		PeCB 328	18.84	*	no	*			*				
74	PCB 121	326	NotFnd	*	*	*	-0.00232	-0.00232	*	no	0.761	-	
		PeCB 328	19.08	*	no	*			*				
75	PCB 92	326	NotFnd	*	*	*	-0.00295	-0.00295	*	no	0.598	-	
		PeCB 328	19.35	*	no	*			*				
76	PCB 113/90/101	326	NotFnd	*	*	*	-0.00249	-0.00249	*	no	0.71	-	
		PeCB 328	19.76	*	no	*			*				
77	PCB 83/99	326	NotFnd	*	*	*	-0.00284	-0.00284	*	no	0.623	-	
		PeCB 328	20.22	*	no	*			*				
78	PCB 112	326	NotFnd	*	*	*	-0.00216	-0.00216	*	no	0.819	-	
		PeCB 328	20.33	*	no	*			*				
79	PCB 109/119/86/97/125/326	326	NotFnd	*	*	*	-0.00243	-0.00243	*	no	0.726	-	
		PeCB 328	20.62	*	no	*			*				
80	PCB 117/116/85	326	NotFnd	*	*	*	-0.00222	-0.00222	*	no	0.796	-	
		PeCB 328	21.23	*	no	*			*				
81	PCB 110/115	326	NotFnd	*	*	*	-0.00236	-0.00236	*	no	0.75	-	
		PeCB 328	21.32	*	no	*			*				
82	PCB 82	326	NotFnd	*	*	*	-0.00313	-0.00313	*	no	0.564	-	
		PeCB 328	21.59	*	no	*			*				
83	PCB 111	326	NotFnd	*	*	*	-0.00218	-0.00218	*	no	0.809	-	
		PeCB 328	21.85	*	no	*			*				
84	PCB 120	326	NotFnd	*	*	*	-0.00186	-0.00186	*	no	0.951	-	
		PeCB 328	22.25	*	no	*			*				
85	PCB 108/124	326	NotFnd	*	*	*	-0.00067	-0.00067	*	no	1.122	-	
		PeCB 328	23.21	*	no	*			*				
86	PCB 107	326	NotFnd	*	*	*	-0.00066	-0.00066	*	no	1.147	-	
		PeCB 328	23.40	*	no	*			*				
87	PCB 123	326	23.51	78179	1.56	128264	0.097513	PCB 123 % Rec = 100	-0.00084	348	no	0.894	-
		PeCB 328	23.51	50085	yes					342			
88	PCB 106	326	NotFnd	*	*	*	-0.00062	-0.00062	*	no	1.218	-	
		PeCB 328	23.63	*	no	*			*				
89	PCB 118	326	23.79	90077	1.54	148681	0.104515	PCB 118 % Rec = 107	-0.00077	405	no	0.981	-
		PeCB 328	23.80	58604	yes					402			

90	PCB 122	326	NotFnd	*	*	*	-0.0007		-0.0007	*	no	1.079	-
		PeCB 328	24.08	*	no					*			
91	PCB 114	326	24.27	79709	1.59	129982	0.095781	PCB 114 % Rec = 98	-0.00075	347	no	1.01	-
		PeCB 328	24.28	50273	yes					337			
92	PCB 105	326	24.84	81248	1.55	133511	0.098526	PCB 105 % Rec = 101	-0.00077	344	no	0.977	-
		PeCB 328	24.83	52263	yes					347			
93	PCB 127	326	NotFnd	*	*	*	-0.00061		-0.00061	*	no	1.23	-
		PeCB 328	26.20	*	no					*			
94	PCB 126	326	27.71	76851	1.57	125695	0.097247	PCB 126 % Rec = 99	-0.00077	298	no	0.977	-
		PeCB 328	27.72	48843	yes					292			
95	PCB 155	360	19.63	46895	1.32	82511	0.10191	PCB 155 % Rec = 104	-0.00054	491	no	0.997	-
		HxCB 362	19.63	35616	yes					453			
96	PCB 152	360	NotFnd	*	*	*	-0.00066		-0.00066	*	no	0.813	-
		HxCB 362	19.78	*	no					*			
97	PCB 150	360	NotFnd	*	*	*	-0.00083		-0.00083	*	no	0.65	-
		HxCB 362	19.88	*	no					*			
98	PCB 136	360	NotFnd	*	*	*	-0.00071		-0.00071	*	no	0.761	-
		HxCB 362	20.18	*	no					*			
99	PCB 145	360	NotFnd	*	*	*	-0.00081		-0.00081	*	no	0.662	-
		HxCB 362	20.41	*	no					*			
100	PCB 148	360	NotFnd	*	*	*	-0.00098		-0.00098	*	no	0.551	-
		HxCB 362	21.55	*	no					*			
101	PCB 151/135	360	NotFnd	*	*	*	-0.00104		-0.00104	*	no	0.519	-
		HxCB 362	22.04	*	no					*			
102	PCB 154	360	NotFnd	*	*	*	-0.00087		-0.00087	*	no	0.618	-
		HxCB 362	22.22	*	no					*			
103	PCB 144	360	NotFnd	*	*	*	-0.00096		-0.00096	*	no	0.562	-
		HxCB 362	22.51	*	no					*			
104	PCB 147/149	360	NotFnd	*	*	*	-0.0027		-0.0027	*	no	0.662	-
		HxCB 362	22.80	*	no					*			
105	PCB 134/143	360	NotFnd	*	*	*	-0.00305		-0.00305	*	no	0.586	-
		HxCB 362	23.06	*	no					*			
106	PCB 139/140	360	NotFnd	*	*	*	-0.00263		-0.00263	*	no	0.68	-
		HxCB 362	23.31	*	no					*			
107	PCB 131	360	NotFnd	*	*	*	-0.00333		-0.00333	*	no	0.537	-
		HxCB 362	23.49	*	no					*			
108	PCB 142	360	NotFnd	*	*	*	-0.00286		-0.00286	*	no	0.626	-
		HxCB 362	23.65	*	no					*			
109	PCB 132	360	NotFnd	*	*	*	-0.00319		-0.00319	*	no	0.561	-
		HxCB 362	23.88	*	no					*			
110	PCB 133	360	NotFnd	*	*	*	-0.00272		-0.00272	*	no	0.657	-
		HxCB 362	24.31	*	no					*			
111	PCB 165	360	NotFnd	*	*	*	-0.00234		-0.00234	*	no	0.765	-
		HxCB 362	24.66	*	no					*			
112	PCB 146	360	NotFnd	*	*	*	-0.00254		-0.00254	*	no	0.705	-
		HxCB 362	24.87	*	no					*			
113	PCB 161	360	NotFnd	*	*	*	-0.00185		-0.00185	*	no	0.97	-
		HxCB 362	25.01	*	no					*			
114	PCB 153/168	360	NotFnd	*	*	*	-0.0021		-0.0021	*	no	0.852	-
		HxCB 362	25.46	*	no					*			
115	PCB 141	360	NotFnd	*	*	*	-0.00263		-0.00263	*	no	0.681	-
		HxCB 362	25.60	*	no					*			
116	PCB 130	360	NotFnd	*	*	*	-0.0029		-0.0029	*	no	0.617	-
		HxCB 362	25.99	*	no					*			
117	PCB 137	360	NotFnd	*	*	*	-0.00295		-0.00295	*	no	0.607	-
		HxCB 362	26.19	*	no					*			
118	PCB 164	360	NotFnd	*	*	*	-0.00196		-0.00196	*	no	0.913	-
		HxCB 362	26.28	*	no					*			
119	PCB 138/163/129	360	NotFnd	*	*	*	-0.00254		-0.00254	*	no	0.705	-
		HxCB 362	26.61	*	no					*			
120	PCB 160	360	NotFnd	*	*	*	-0.00218		-0.00218	*	no	0.822	-
		HxCB 362	26.78	*	no					*			
121	PCB 158	360	NotFnd	*	*	*	-0.00178		-0.00178	*	no	1.004	-
		HxCB 362	26.96	*	no					*			
122	PCB 128/166	360	NotFnd	*	*	*	-0.00231		-0.00231	*	no	0.774	-
		HxCB 362	27.79	*	no					*			
123	PCB 159	360	NotFnd	*	*	*	-0.00081		-0.00081	*	no	1.179	-
		HxCB 362	28.76	*	no					*			
124	PCB 162	360	NotFnd	*	*	*	-0.00087		-0.00087	*	no	1.101	-
		HxCB 362	29.06	*	no					*			
125	PCB 167	360	29.52	78935	1.25	141852	0.097332	PCB 167 % Rec = 99	-0.00101	321	no	0.946	-
		HxCB 362	29.53	62916	yes					320			
126	PCB 156/157	360	30.70	159617	1.27	285609	0.197738	B 156/157 % Rec = 101	-0.00094	545	no	1.017	-
		HxCB 362	30.69	125992	yes					532			
127	PCB 169	360	34.10	49827	1.25	89722	0.100829	PCB 169 % Rec = 103	-0.001	186	no	0.954	-
		HxCB 362	34.11	39895	yes					185			
128	PCB 188	394	24.22	42741	1.07	82585	0.096717	PCB 188 % Rec = 99	-0.00172	144	no	1.012	-
		HpCB 396	24.23	39844	yes					139			
129	PCB 179	394	NotFnd	*	*	*	-0.00166		-0.00166	*	no	1.047	-
		HpCB 396	24.52	*	no					*			
130	PCB 184	394	NotFnd	*	*	*	-0.00181		-0.00181	*	no	0.961	-
		HpCB 396	25.00	*	no					*			
131	PCB 176	394	NotFnd	*	*	*	-0.00169		-0.00169	*	no	1.027	-
		HpCB 396	25.32	*	no					*			
132	PCB 186	394	NotFnd	*	*	*	-0.00193		-0.00193	*	no	0.899	-
		HpCB 396	25.75	*	no					*			
133	PCB 178	394	NotFnd	*	*	*	-0.00241		-0.00241	*	no	0.722	-
		HpCB 396	27.01	*	no					*			
134	PCB 175	394	NotFnd	*	*	*	-0.00231		-0.00231	*	no	0.753	-
		HpCB 396	27.62	*	no					*			
135	PCB 187	394	27.87	33518	1.05	65495	0.093217	PCB 187 % Rec = 95	-0.0024	107	no	0.723	-
		HpCB 396	27.88	31978	yes					106			
136	PCB 182	394	28.07	32024	1.05	62423	0.086	PCB 182 % Rec = 88	-0.00233	100	no	0.747	-
		HpCB 396	28.10	30399	yes					100			

137 PCB 183	394	NotFnd	*	*	*	-0.0021			-0.0021	*	no	1.162	-
	HpCB 396	28.50	*	no	*					*			
138 PCB 185	394	NotFnd	*	*	*	-0.00286			-0.00286	*	no	0.851	-
	HpCB 396	28.56	*	no	*					*			
139 PCB 174	394	NotFnd	*	*	*	-0.00251			-0.00251	*	no	0.97	-
	HpCB 396	28.72	*	no	*					*			
140 PCB 177	394	NotFnd	*	*	*	-0.00258			-0.00258	*	no	0.943	-
	HpCB 396	29.14	*	no	*					*			
141 PCB 181	394	NotFnd	*	*	*	-0.00273			-0.00273	*	no	0.892	-
	HpCB 396	29.56	*	no	*					*			
142 PCB 171/173	394	NotFnd	*	*	*	-0.00257			-0.00257	*	no	0.948	-
	HpCB 396	29.78	*	no	*					*			
143 PCB 172	394	NotFnd	*	*	*	-0.00256			-0.00256	*	no	0.95	-
	HpCB 396	31.42	*	no	*					*			
144 PCB 192	394	NotFnd	*	*	*	-0.00225			-0.00225	*	no	1.085	-
	HpCB 396	31.74	*	no	*					*			
145 PCB 193/180	394	32.13	48846	1.09	93717	0.083822	PCB 193/180 % Rec = 86		-0.00176	111	no	1.383	-
	HpCB 396	32.06	44871	yes	*					107			
146 PCB 191	394	NotFnd	*	*	*	-0.0018			-0.0018	*	no	1.352	-
	HpCB 396	32.48	*	no	*					*			
147 PCB 170	394	33.45	46981	1.12	88887	0.096029	PCB 170 % Rec = 98		-0.00192	103	no	1.271	-
	HpCB 396	33.45	41906	yes	*					98			
148 PCB 190	394	NotFnd	*	*	*	-0.00181			-0.00181	*	no	1.345	-
	HpCB 396	34.02	*	no	*					*			
149 PCB 189	394	36.87	67137	1.05	131132	0.092353	PCB 189 % Rec = 94		-0.00168	137	no	0.944	-
	HpCB 396	36.88	63995	yes	*					134			
150 PCB 202	428	29.26	35386	0.9	74850	0.099331	PCB 202 % Rec = 101		-0.0016	175	no	0.988	-
	OcCB 430	29.26	39464	yes	*					179			
151 PCB 201	428	NotFnd	*	*	*	-0.00159			-0.00159	*	no	0.997	-
	OcCB 430	30.16	*	no	*					*			
152 PCB 204	428	NotFnd	*	*	*	-0.00165			-0.00165	*	no	0.962	-
	OcCB 430	30.87	*	no	*					*			
153 PCB 197	428	NotFnd	*	*	*	-0.00181			-0.00181	*	no	0.876	-
	OcCB 430	31.10	*	no	*					*			
154 PCB 200	428	NotFnd	*	*	*	-0.00157			-0.00157	*	no	1.006	-
	OcCB 430	31.22	*	no	*					*			
155 PCB 198/199	428	NotFnd	*	*	*	-0.00242			-0.00242	*	no	0.654	-
	OcCB 430	34.17	*	no	*					*			
156 PCB 196	428	NotFnd	*	*	*	-0.00235			-0.00235	*	no	0.674	-
	OcCB 430	34.95	*	no	*					*			
157 PCB 203	428	NotFnd	*	*	*	-0.0024			-0.0024	*	no	0.659	-
	OcCB 430	35.14	*	no	*					*			
158 PCB 195	428	NotFnd	*	*	*	-0.00361			-0.00361	*	no	1.005	-
	OcCB 430	36.62	*	no	*					*			
159 PCB 194	428	NotFnd	*	*	*	-0.00333			-0.00333	*	no	1.091	-
	OcCB 430	39.24	*	no	*					*			
160 PCB 205	428	39.78	45957	0.88	98395	0.0953	PCB 205 % Rec = 97		-0.00333	73	no	1.091	-
	OcCB 430	39.80	52438	yes	*					73			
161 PCB 208	462	36.32	30598	0.77	70288	0.099561	PCB 208 % Rec = 102		-0.00237	104	no	1.023	-
	NoCB 464	36.33	39690	yes	*					106			
162 PCB 207	462	NotFnd	*	*	*	-0.00184			-0.00184	*	no	1.32	-
	NoCB 464	37.35	*	no	*					*			
163 PCB 206	462	41.75	21703	0.77	49908	0.093779	PCB 206 % Rec = 96		-0.00236	70	yes	1.027	-
	NoCB 464	41.73	28205	yes	*					71			
164 PCB 209	498	43.58	44582	1.23	80973	0.151285	PCB 209 % Rec = 154		-0.00424	94	no	1.04	-
	DCB 500	43.56	36392	yes	*					88			
165 PCB 1L	200	8.98	173474	3.33	225635	0.137848		0.001	3914	no	0.824	70	
	202	8.97	52160	yes	*					318			
166 PCB 3L	200	10.17	169781	3.51	218090	0.128772		0	3983	no	0.852	66	
	202	10.16	48310	yes	*					311			
167 PCB 4L	234	10.28	68880	1.68	109939	0.101966		0	3933	no	0.543	52	
	236	10.28	41058	yes	*					844			
168 PCB 15L	234	12.93	207907	1.64	334861	0.156868		0	1903	no	1.074	80	
	236	12.91	126953	yes	*					4456			
169 PCB 19L	268	11.68	66047	1.07	127835	0.111265		0.001	296	no	0.578	57	
	270	11.66	61789	yes	*					405			
170 PCB 37L	268	16.68	180418	1.05	352933	0.187247		0.001	484	no	1.987	96	
	270	16.67	172515	yes	*					579			
171 PCB 54L	302	13.06	66286	0.78	151412	0.123009		0	1019	no	1.297	63	
	304	13.06	85126	yes	*					3369			
172 PCB 81L	302	21.41	131190	0.78	300010	0.181945		0	1278	no	1.738	93	
	304	21.39	168820	yes	*					1655			
173 PCB 77L	302	21.85	126809	0.81	284314	0.178678		0	1230	no	1.677	91	
	304	21.82	157506	yes	*					1516			
174 PCB 104L	338	15.92	89252	1.61	144871	0.149109		0	5562	no	1.156	76	
	340	15.93	55619	yes	*					4553			
175 PCB 123L	338	23.49	178031	1.62	288220	0.177095		0	2263	no	1.936	90	
	340	23.50	110189	yes	*					1826			
176 PCB 118L	338	23.77	176232	1.63	284077	0.177303		0	2215	no	1.906	90	
	340	23.76	107844	yes	*					1765			
177 PCB 114L	338	24.26	164918	1.68	263278	0.176645		0	2049	no	1.773	90	
	340	24.25	98360	yes	*					1560			
178 PCB 105L	338	24.81	167326	1.6	271974	0.177516		0	2048	no	1.822	91	
	340	24.81	104648	yes	*					1708			
179 PCB 126L	338	27.69	159965	1.61	259394	0.177785		0	1802	no	1.735	91	
	340	27.67	99429	yes	*					1461			
180 PCB 155L	372	19.61	89705	1.29	159229	0.136145		0	6930	no	1.404	69	
	374	19.61	69524	yes	*					6752			
181 PCB 167L	372	29.50	170654	1.3	301990	0.171767		0	2053	no	2.11	88	
	374	29.50	131336	yes	*					1463			
182 PCB 156L/157L	372	30.66	313770	1.29	556675	0.347772		0	3108	no	1.921	89	
	374	30.69	242905	yes	*					2225			
183 PCB 169L	372	34.08	102270	1.27	182731	0.116255		0	1159	no	1.886	59	
	374	34.06	80461	yes	*					820			

184 PCB 188L	406	24.20	85443	1.07	165383	0.149293	0	5101	no	1.329	76
	408	24.21	79940	yes				5129			
185 PCB 180L	406	32.09	82362	1.08	158498	0.169095	0	3247	no	1.349	86
	408	32.11	76136	yes				4177			
186 PCB 170L	406	33.42	74242	1.08	142740	0.174017	0	2879	no	1.18	89
	408	33.44	68498	yes				3686			
187 PCB 189L	406	36.84	151801	1.06	294881	0.19666	0	2933	no	2.157	100
	408	36.85	143081	yes				3545			
188 PCB 202L	440	29.23	71285	0.91	149548	0.151579	0	6802	no	1.419	77
	442	29.29	78263	yes				3773			
189 PCB 205L	440	39.76	89430	0.93	185554	0.174335	0	2422	no	1.531	89
	442	39.75	96124	yes				2254			
190 PCB 208L	474	36.29	59074	0.78	135196	0.170708	0	2429	no	1.139	87
	476	36.30	76122	yes				2955			
191 PCB 206L	474	41.73	46167	0.83	101603	0.192455	0	1784	yes	0.76	98
	476	41.75	55436	yes				2094			
192 PCB 209L	510	43.56	55120	1.21	100882	0.200381	0	4582	no	0.724	102
	512	43.56	45761	yes				2946			
193 PCB 28L	268	14.41	219367	1.05	427723	0.221057	0.001	643	no	2.039	113
PCB Cleanup Standard	270	14.41	208355	yes				774			
194 PCB 111L	338	21.83	139666	1.67	223517	0.197959	0	3540	no	1.343	101
PCB Cleanup Standard	340	21.84	83851	yes				2844			
195 PCB 178L	406	26.98	61022	1.05	118877	0.194643	0	3530	no	0.733	99
PCB Cleanup Standard	408	26.97	57855	yes				3529			
196 PCB 31L	268	NotFnd	*	*	*		0.001		no	1.934	
PCB Audit Standard	270	14.24	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0		no	0.946	
PCB Audit Standard	340	17.73	*	no							
198 PCB 153L	372	25.41	2655	1.5	4422	0.004332	0.001	56	no	1.225	2
PCB Audit Standard	374	25.40	1767	no				15			
199 PCB 9L	234	11.18	1199864	1.61	1947162	9.794257	-	11898	no	-	-
PCB Recovery Standard	236	11.19	747298	yes				28482			
200 PCB 52L	302	15.35	414489	0.8	929807	7.228717	-	5133	no	-	-
PCB Recovery Standard	304	15.36	515317	yes				8082			
201 PCB 101L	338	19.77	507274	1.6	823875	7.360992	-	13565	no	-	-
PCB Recovery Standard	340	19.76	316601	yes				11402			
202 PCB 138L	372	26.57	461424	1.3	816611	7.44383	-	9837	no	-	-
PCB Recovery Standard	374	26.56	355187	yes				2891			
203 PCB 194L	440	39.21	328128	0.93	681143	6.182559	-	8547	no	-	-
PCB Recovery Standard	442	39.17	353016	yes				8109			
Chlorobiphenyls						0.198308	2	-0.00053			
Dichlorobiphenyls						0.214546	2	-0.0048			
Trichlorobiphenyls						0.417031	4	-0.00425			
Tetrachlorobiphenyls						0.294675	3	-0.00258			
Pentachlorobiphenyls						0.594407	6	-0.00331			
Hexachlorobiphenyls						0.497809	4	-0.00333			
Heptachlorobiphenyls						0.548138	6	-0.00286			
Octachlorobiphenyls						0.194631	2	-0.00361			
Nonachlorobiphenyls						0.19334	2	-0.00237			
Decachlorobiphenyl						0.151285	1	-0.00424			
PCB (total)						3.30417					

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

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Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

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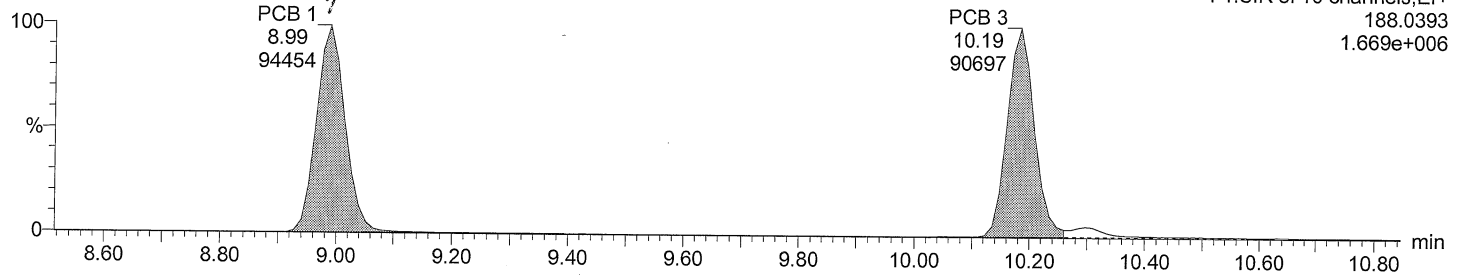
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Date: 18-FEB-2016

Time: 20:07:44

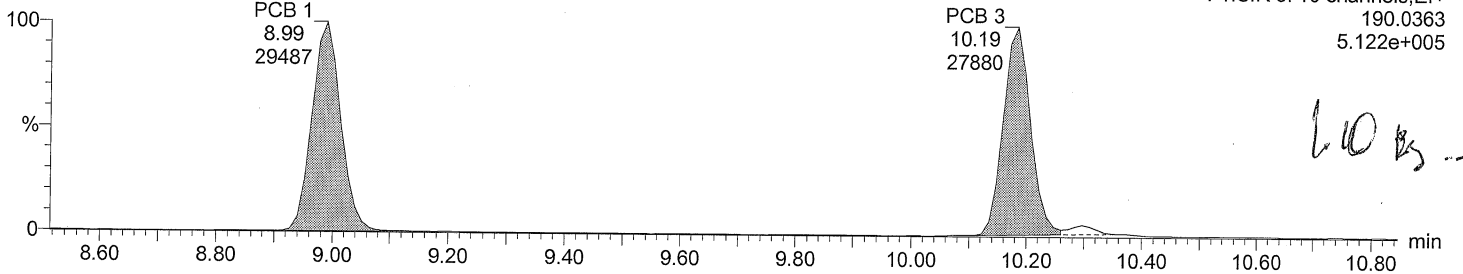
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M2160218DS003 Smooth(SG,3x1)



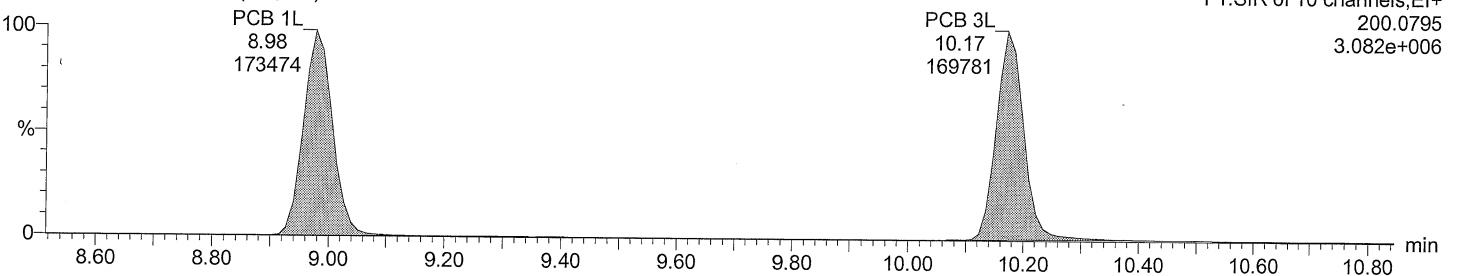
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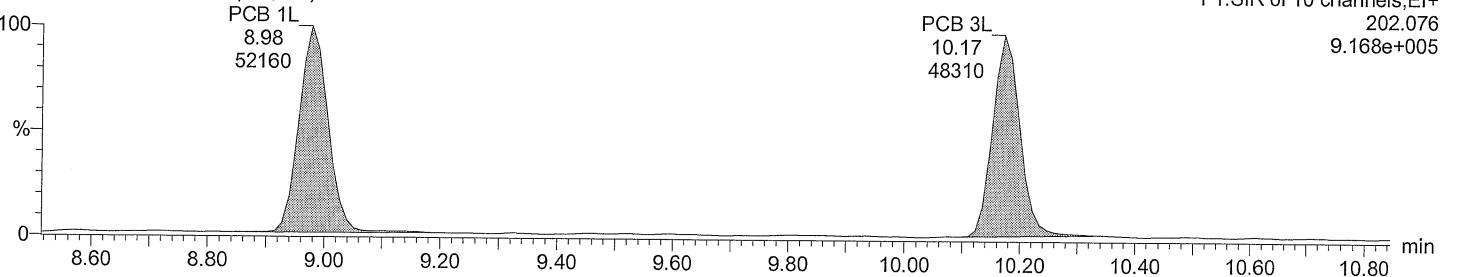
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M2160218DS003 Smooth(SG,3x1)



Total MoCB labeled F1

M2160218DS003 Smooth(SG,3x1)



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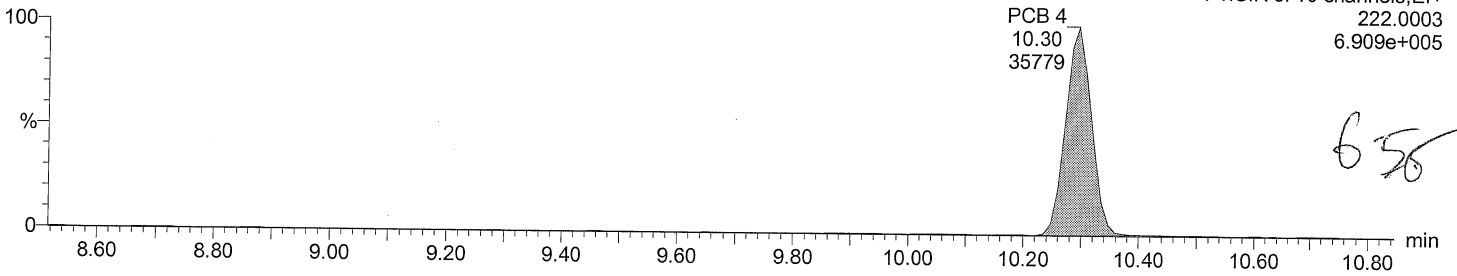
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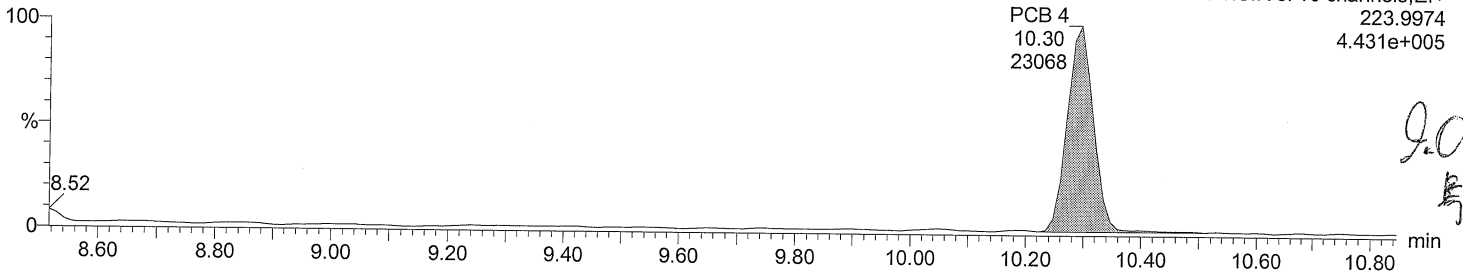
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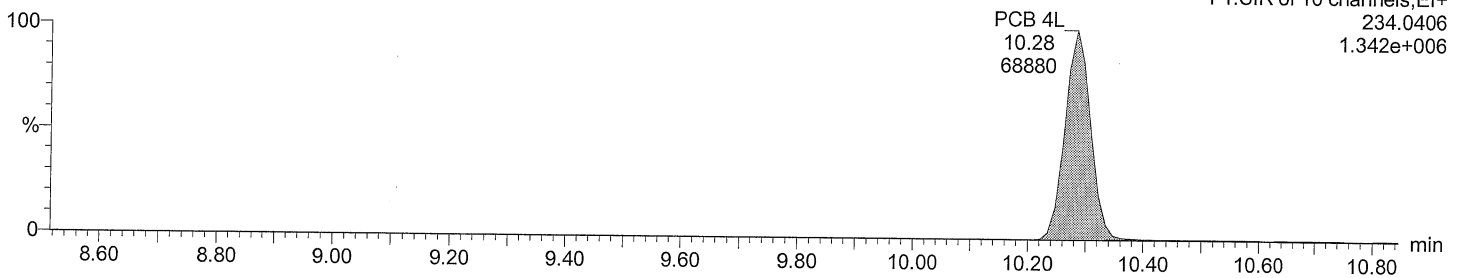
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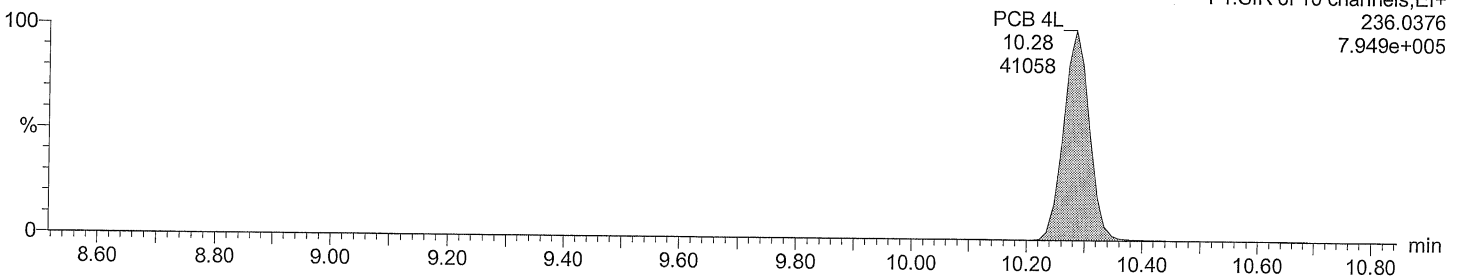
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M2160218DS003 Smooth(SG,3x1)



Total DiCB labeled F1

M2160218DS003 Smooth(SG,3x1)



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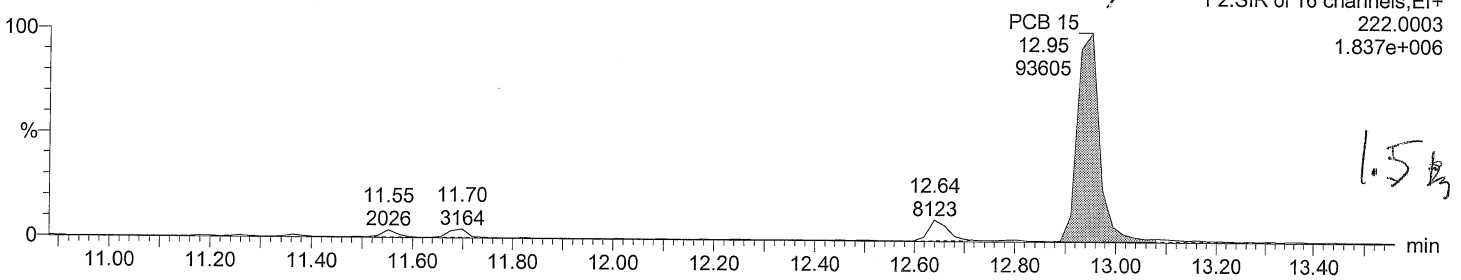
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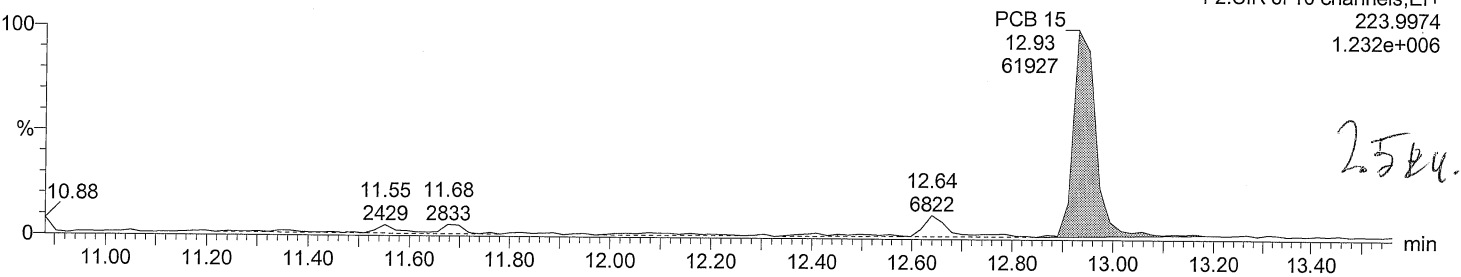
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M2160218DS003



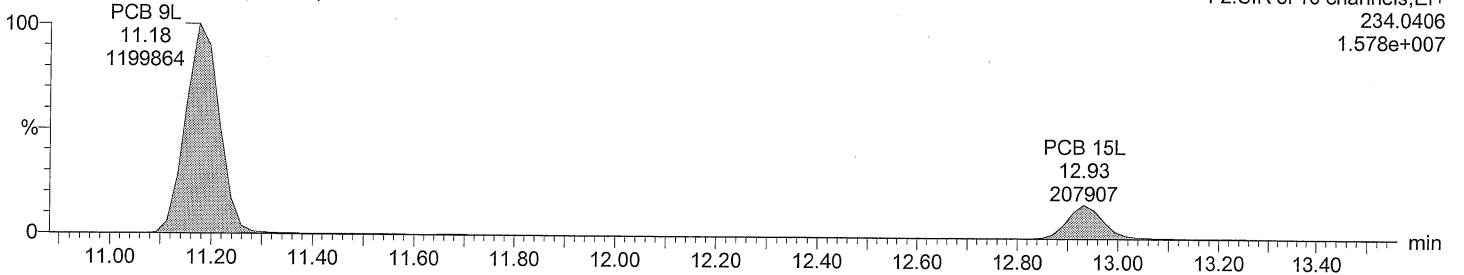
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M2160218DS003



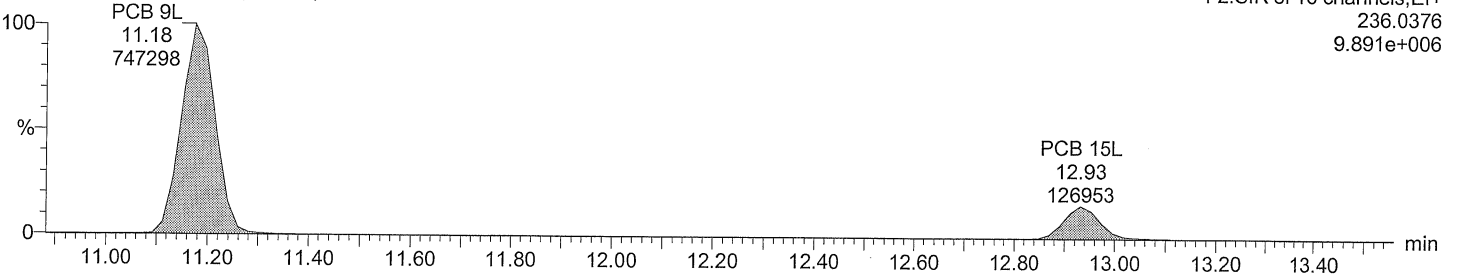
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M2160218DS003 Smooth(SG,3x1)



Total DiCB labeled F2

M2160218DS003 Smooth(SG,3x1)



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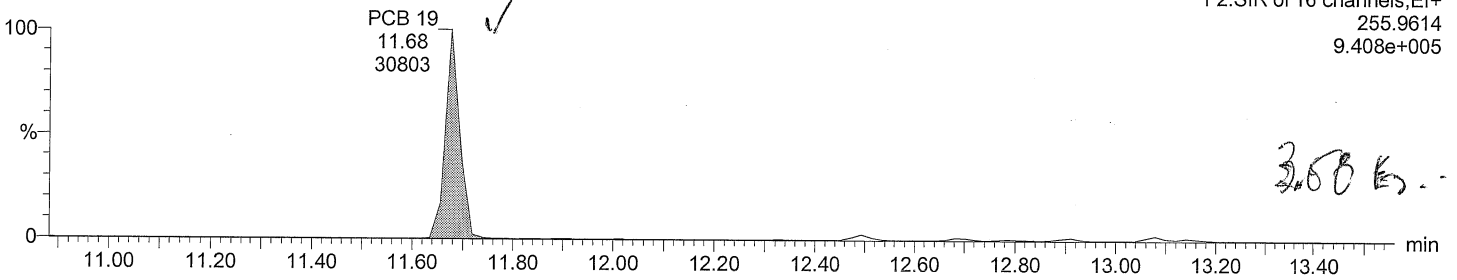
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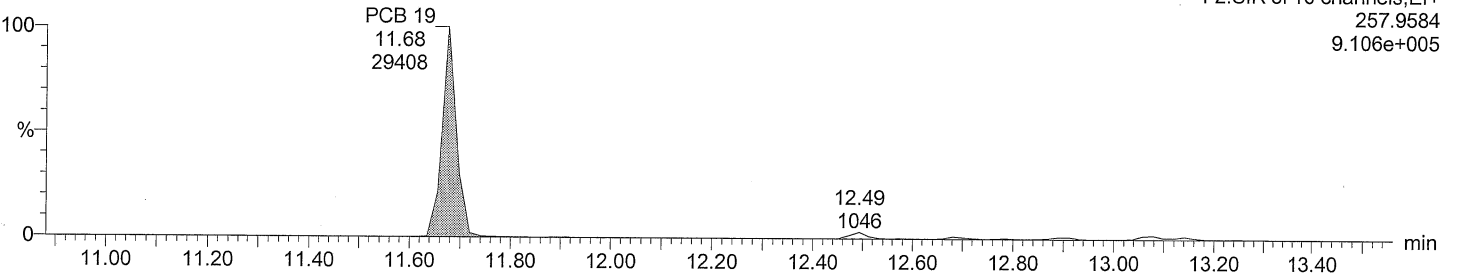
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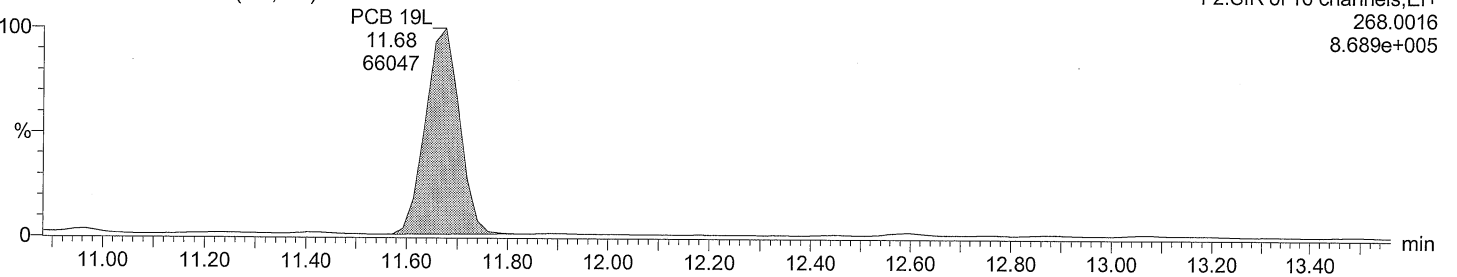
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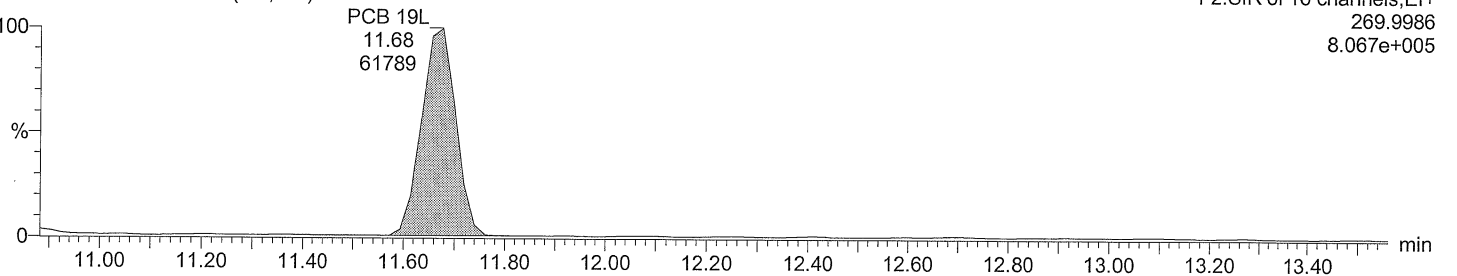
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M2160218DS003 Smooth(SG,3x1)



Total TriCB labeled F2

M2160218DS003 Smooth(SG,3x1)



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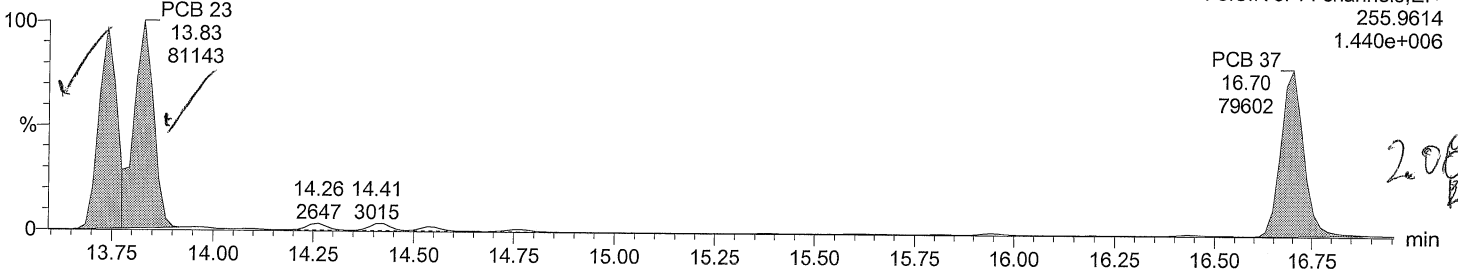
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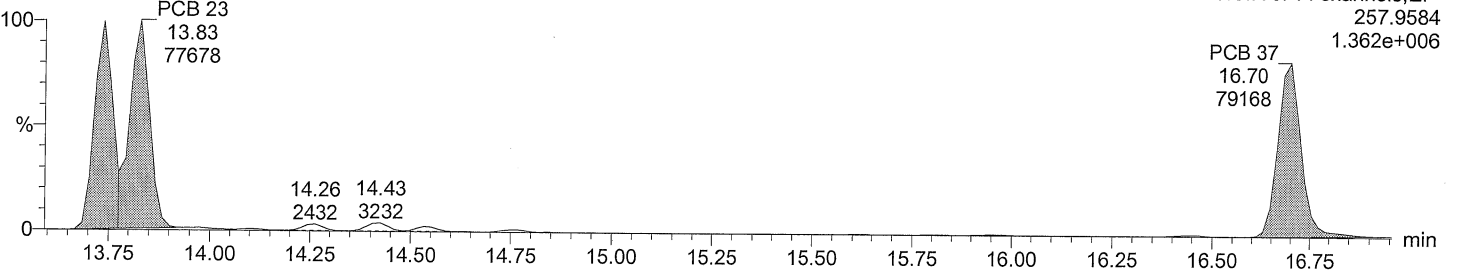
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M2160218DS003 Smooth(SG,1x1)



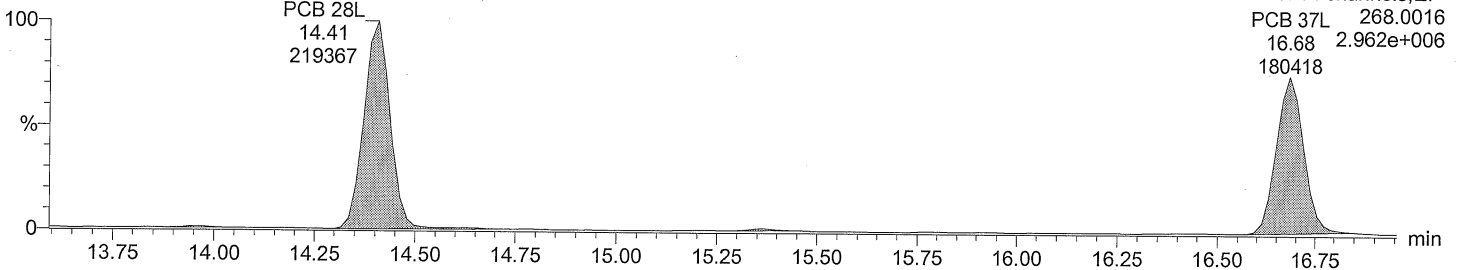
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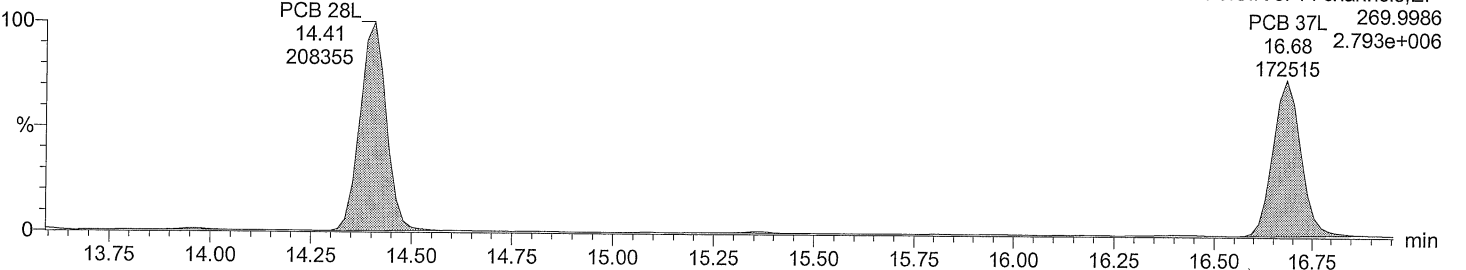
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Total TriCB labeled F3

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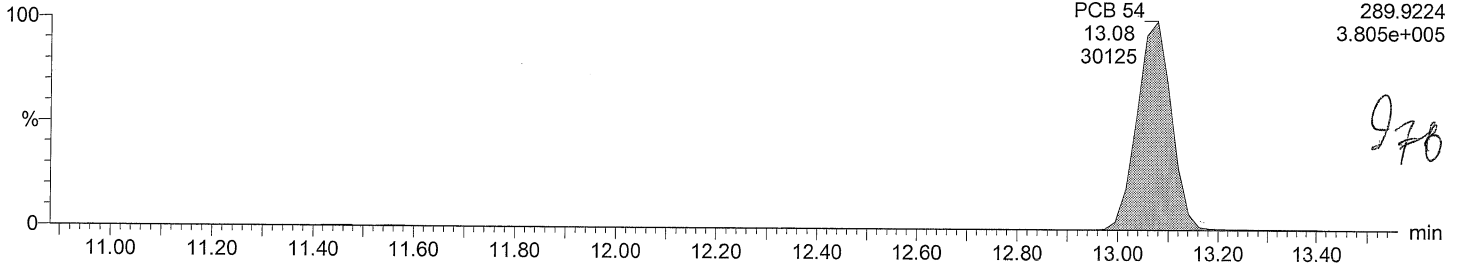
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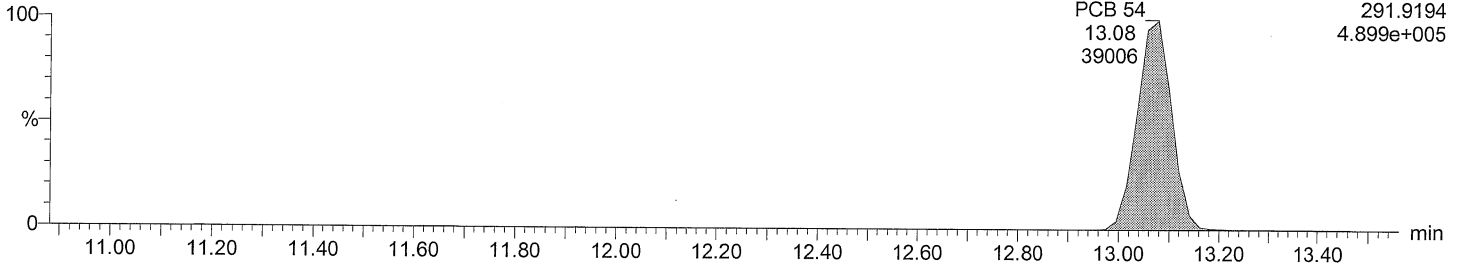
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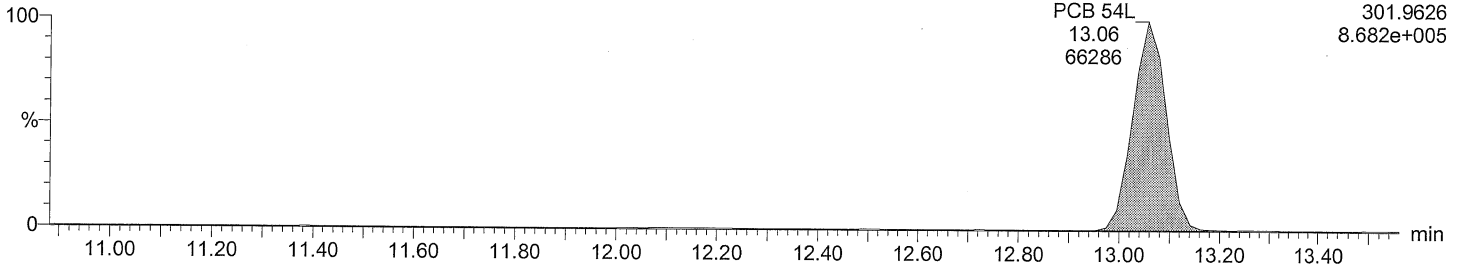
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M2160218DS003 Smooth(SG,3x1)



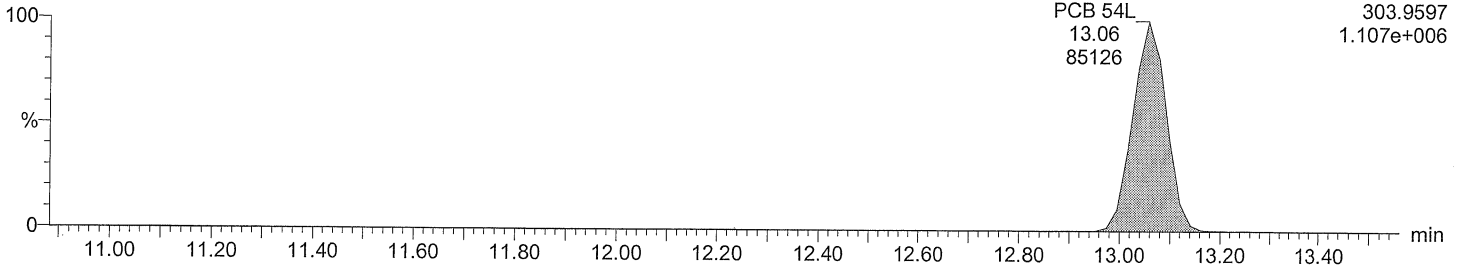
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M2160218DS003 Smooth(SG,3x1)



Total TeCB labeled F2

M2160218DS003 Smooth(SG,3x1)



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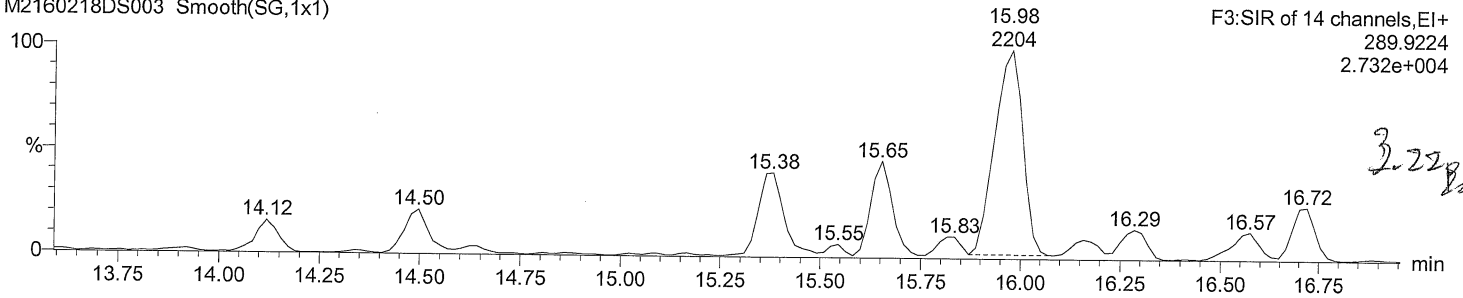
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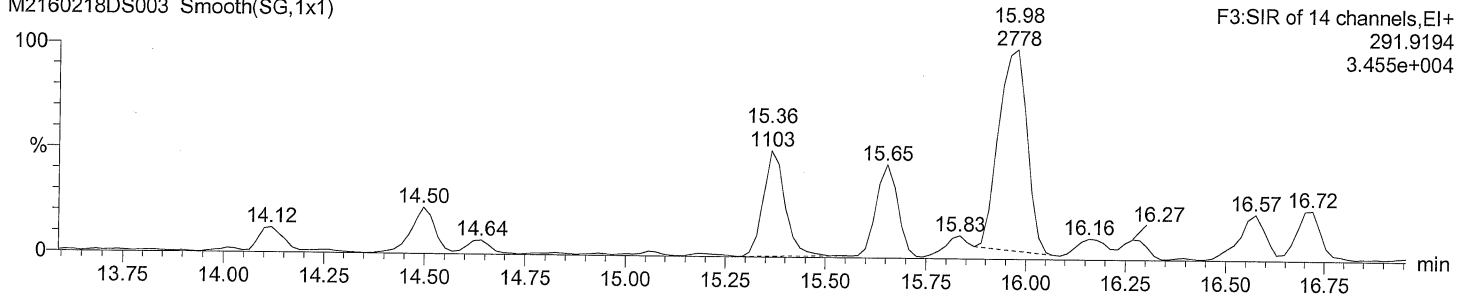
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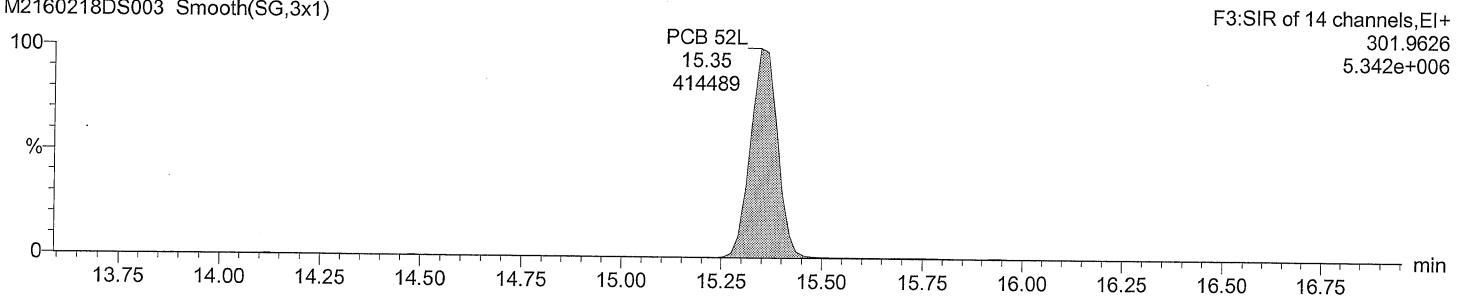
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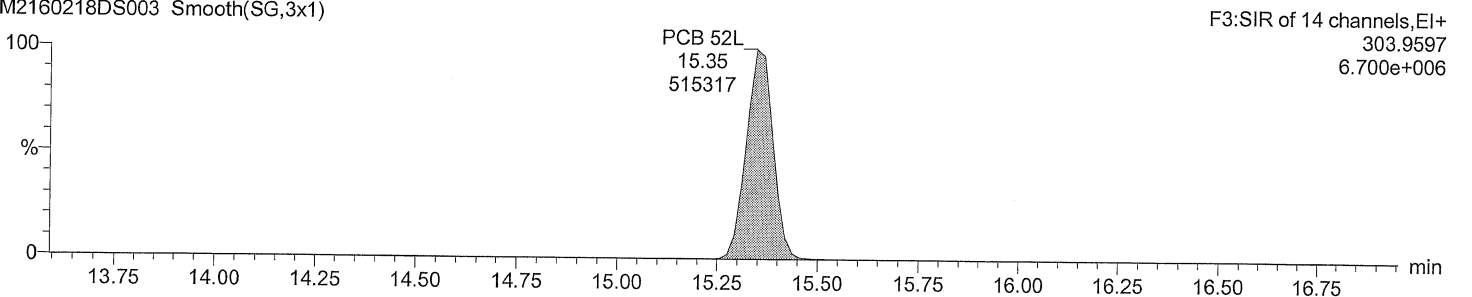
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M2160218DS003 Smooth(SG,3x1)



Total TeCB labeled F3

M2160218DS003 Smooth(SG,3x1)



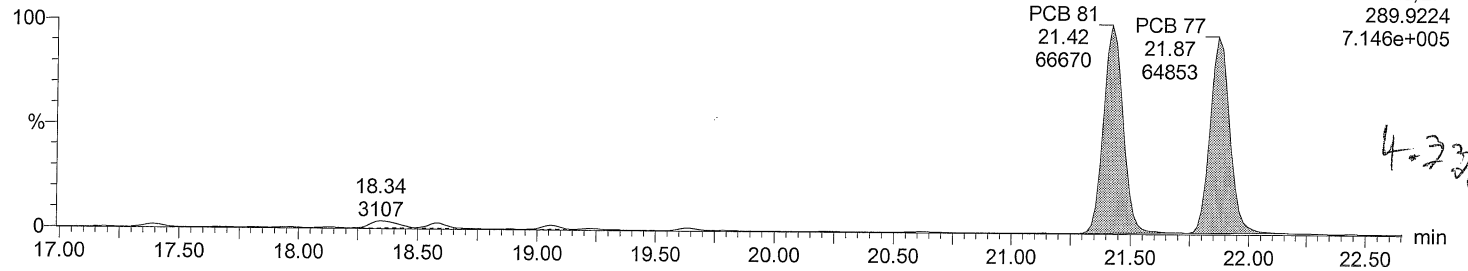
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Date: 18-FEB-2016
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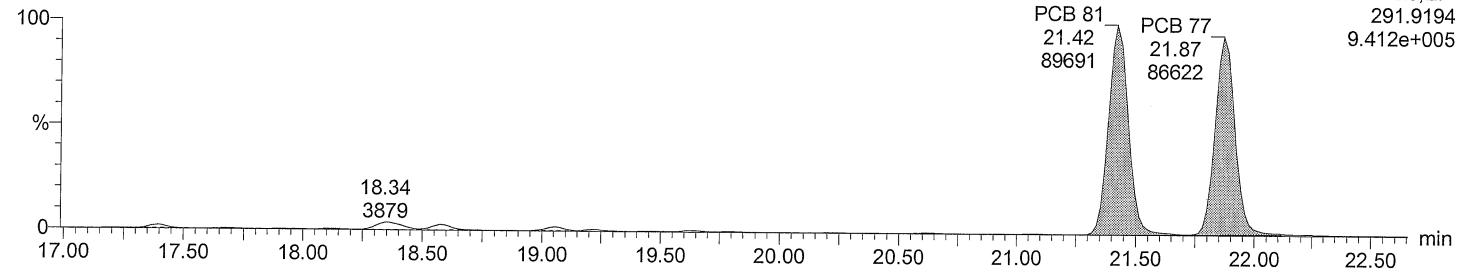
Total TeCB F4

M2160218DS003 Smooth(SG,3x1)



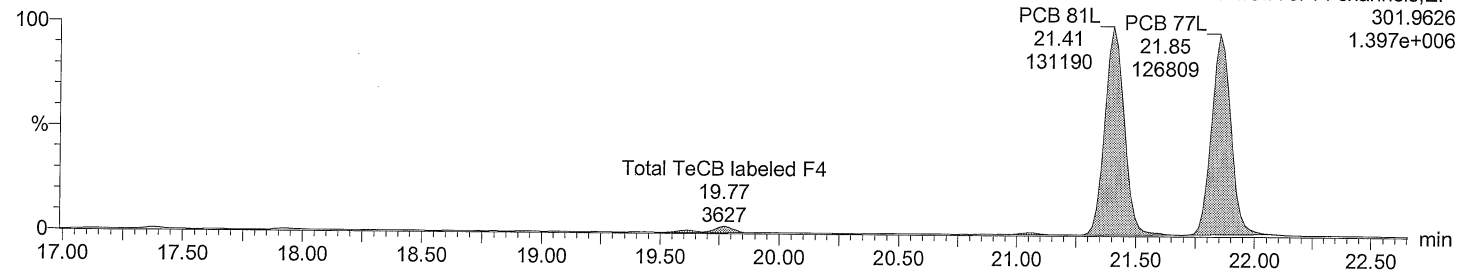
Total TeCB F4

M2160218DS003 Smooth(SG,3x1)



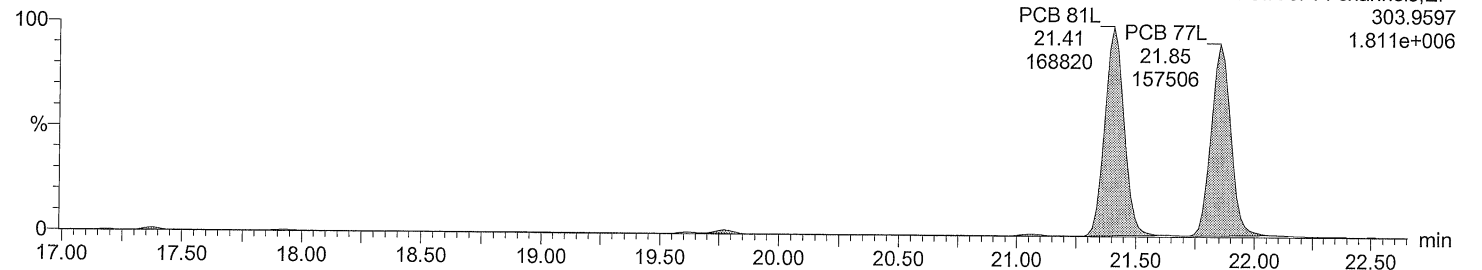
Total TeCB labeled F4

M2160218DS003 Smooth(SG,3x1)



Total TeCB labeled F4

M2160218DS003 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time

Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE

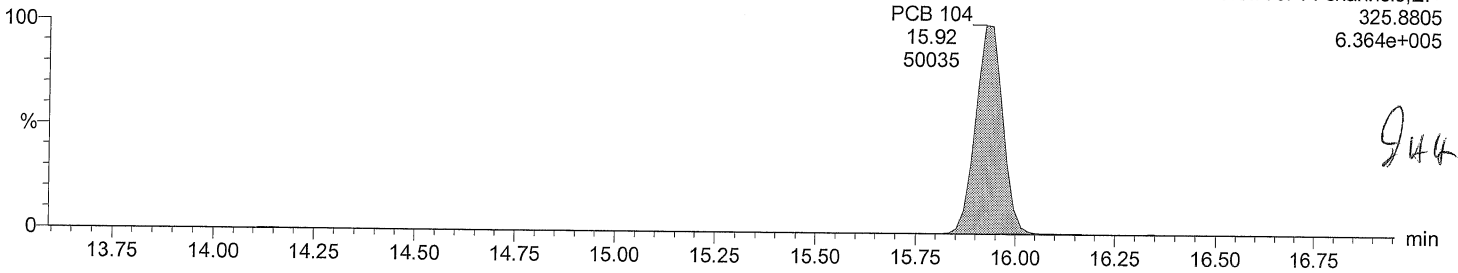
Vial: 3

Date: 18-FEB-2016

Time: 20:07:44

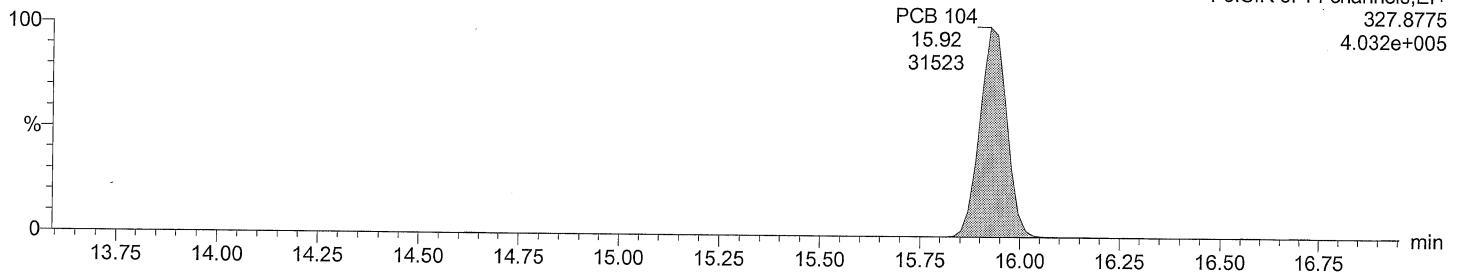
Total PeCB F3

M2160218DS003 Smooth(SG,3x1)



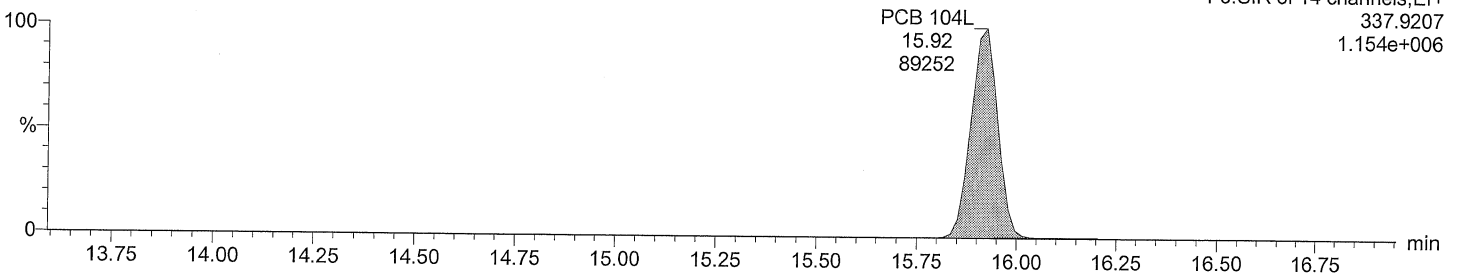
Total PeCB F3

M2160218DS003 Smooth(SG,3x1)



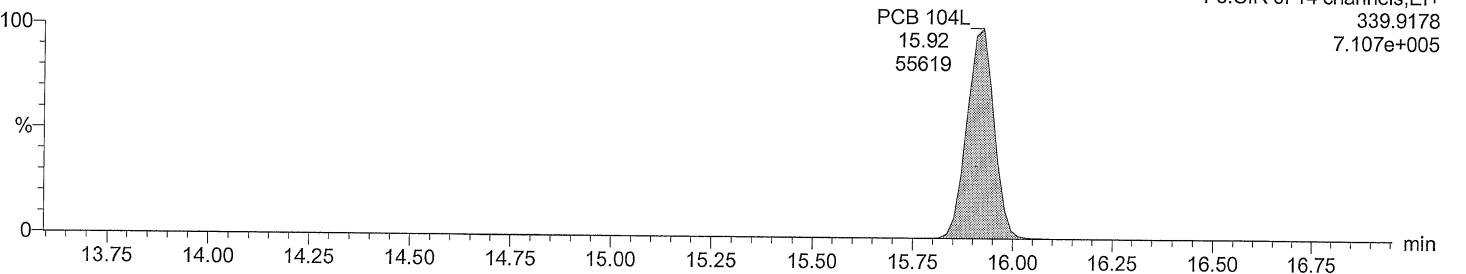
Total PeCB labeled F3

M2160218DS003 Smooth(SG,3x1)



Total PeCB labeled F3

M2160218DS003 Smooth(SG,3x1)

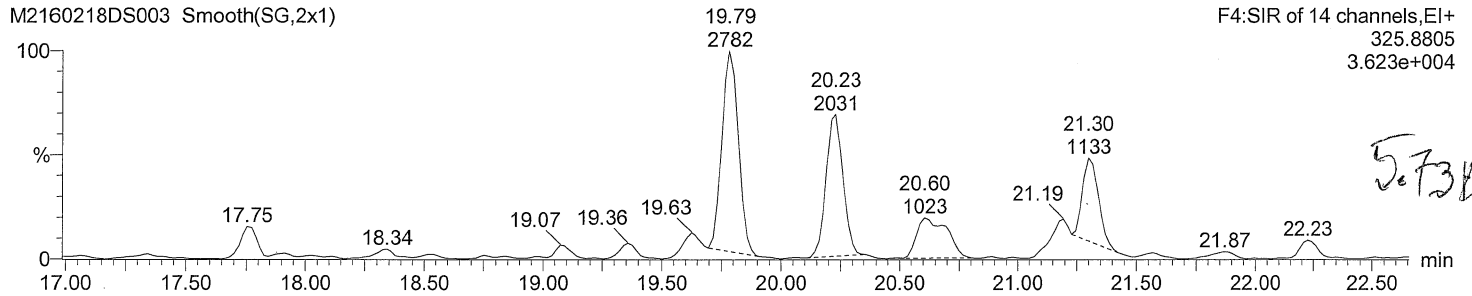


Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld
Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time
Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE
Vial: 3
Date: 18-FEB-2016
Time: 20:07:44

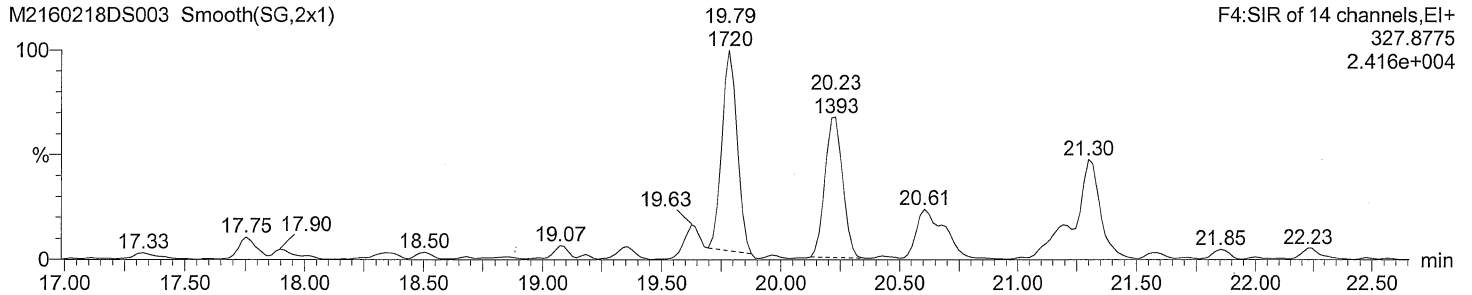
Total PeCB F4

M2160218DS003 Smooth(SG,2x1)



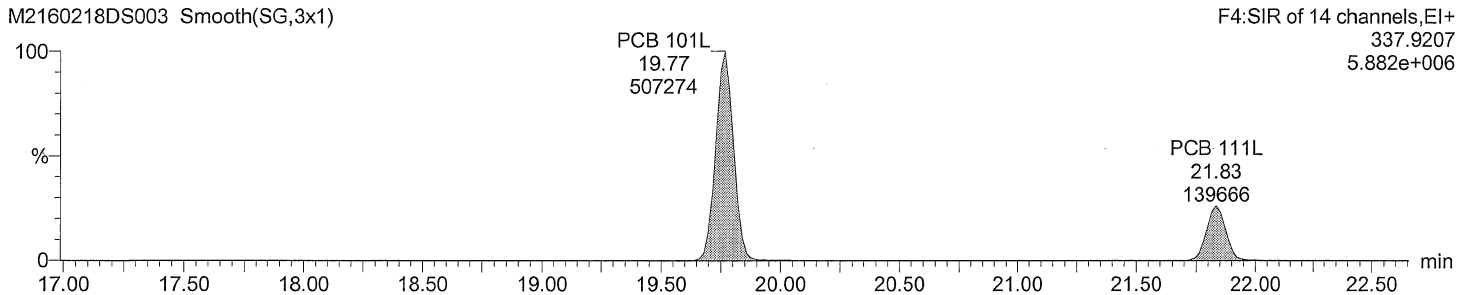
Total PeCB F4

M2160218DS003 Smooth(SG,2x1)



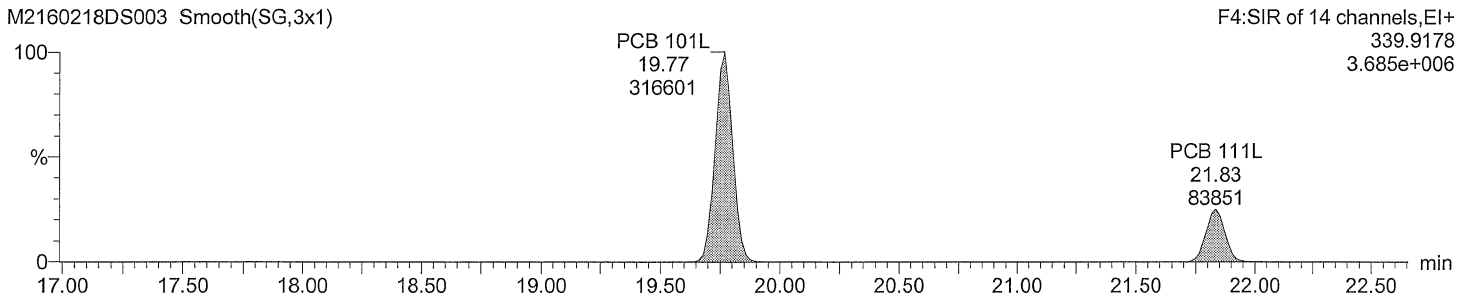
Total PeCB labeled F4

M2160218DS003 Smooth(SG,3x1)



Total PeCB labeled F4

M2160218DS003 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time

Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE

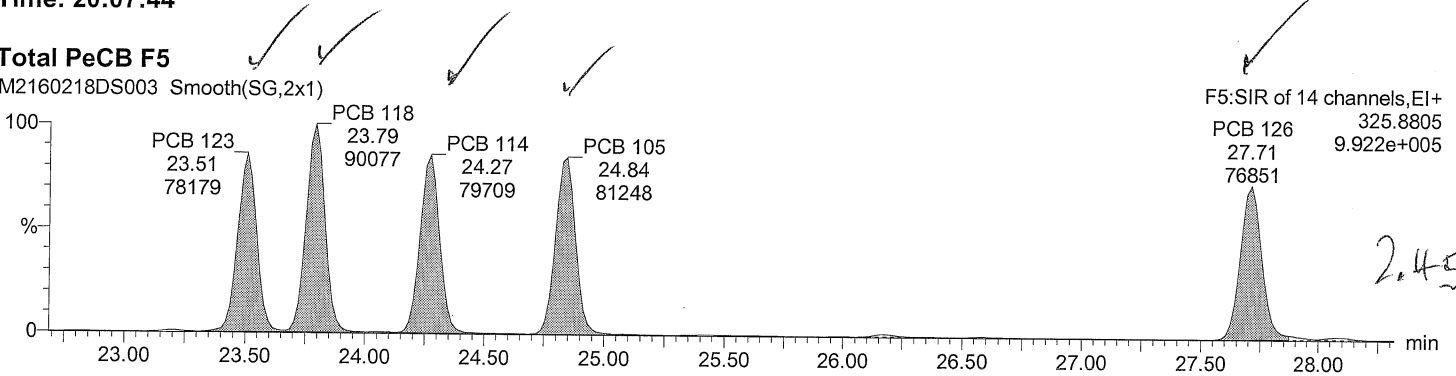
Vial: 3

Date: 18-FEB-2016

Time: 20:07:44

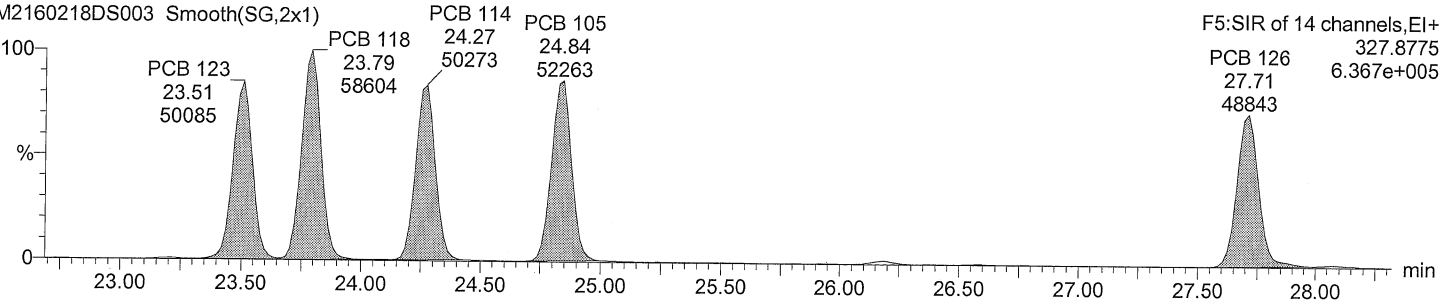
Total PeCB F5

M2160218DS003 Smooth(SG,2x1)



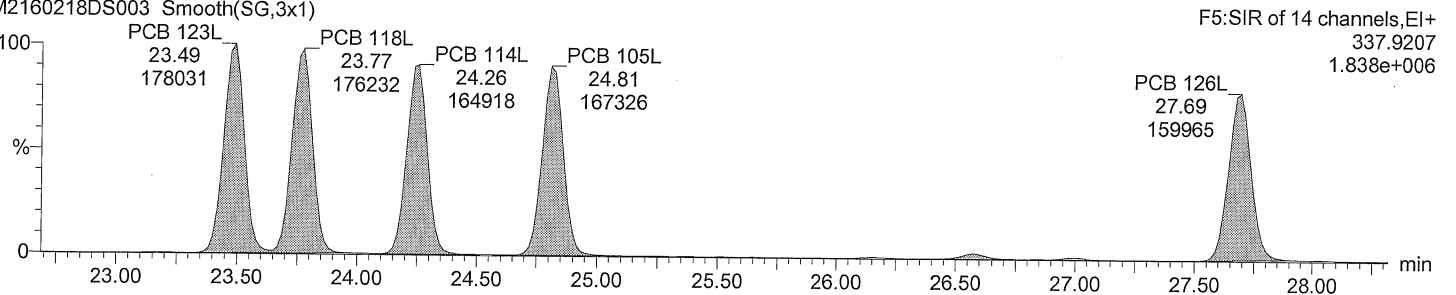
Total PeCB F5

M2160218DS003 Smooth(SG,2x1)



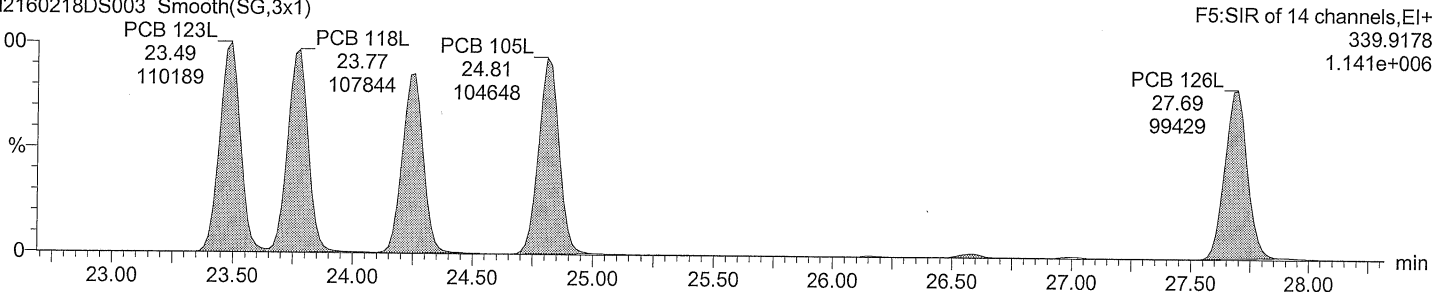
Total PeCB labeled F5

M2160218DS003 Smooth(SG,3x1)



Total PeCB labeled F5

M2160218DS003 Smooth(SG,3x1)



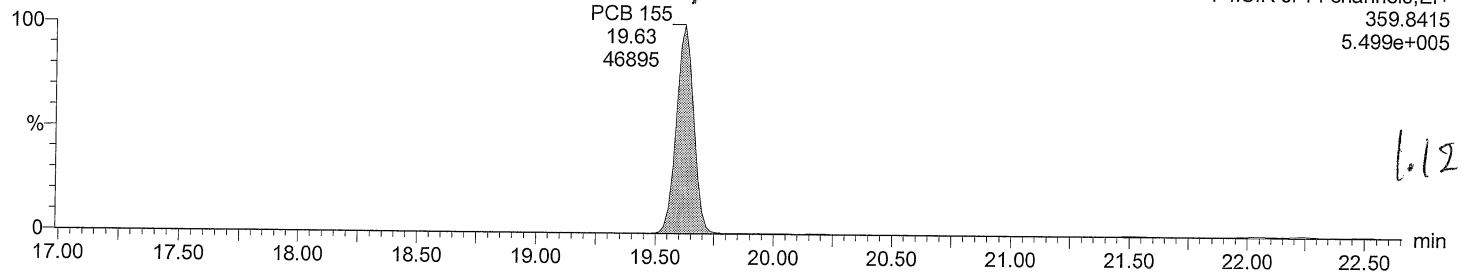
Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time
Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE
Vial: 3
Date: 18-FEB-2016
Time: 20:07:44

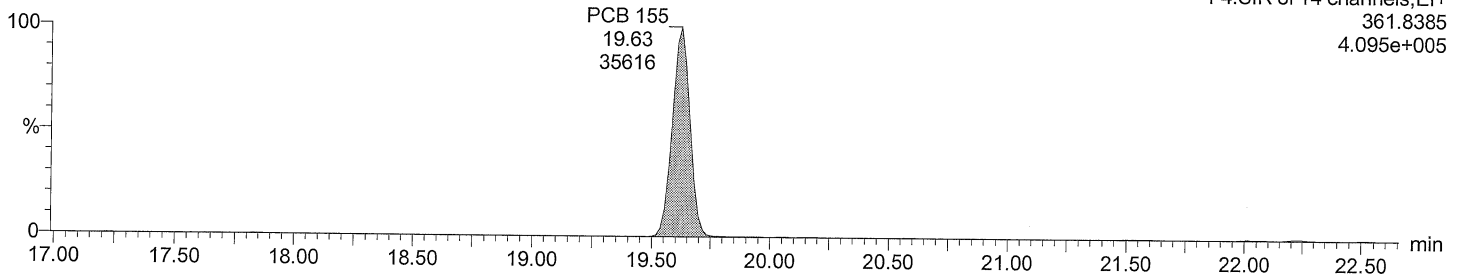
Total HxCB F4

M2160218DS003 Smooth(SG,3x1)



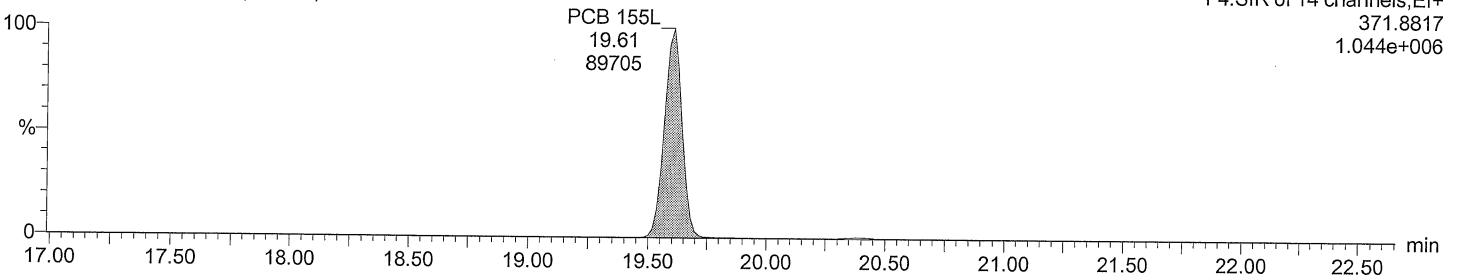
Total HxCB F4

M2160218DS003 Smooth(SG,3x1)



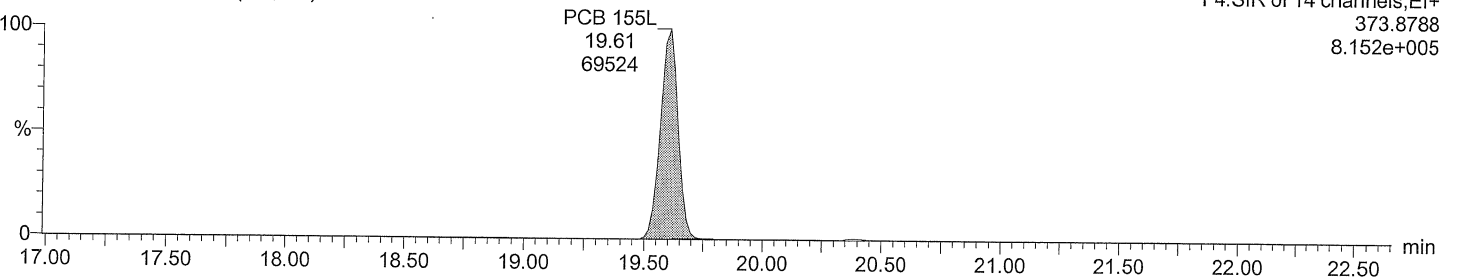
Total HxCB labeled F4

M2160218DS003 Smooth(SG,3x1)



Total HxCB labeled F4

M2160218DS003 Smooth(SG,3x1)



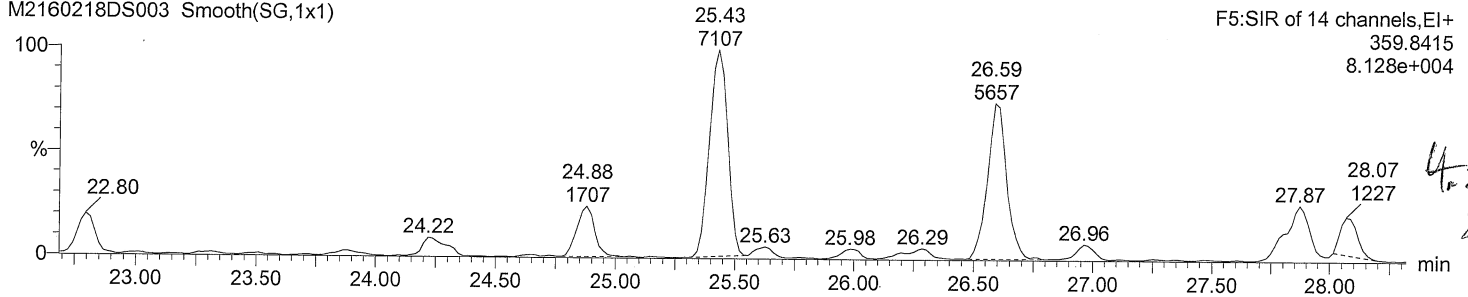
Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time
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ID: WS#4386412/4378609, Ti
Description: SPIKE
Vial: 3
Date: 18-FEB-2016
Time: 20:07:44

Total HxCB F5

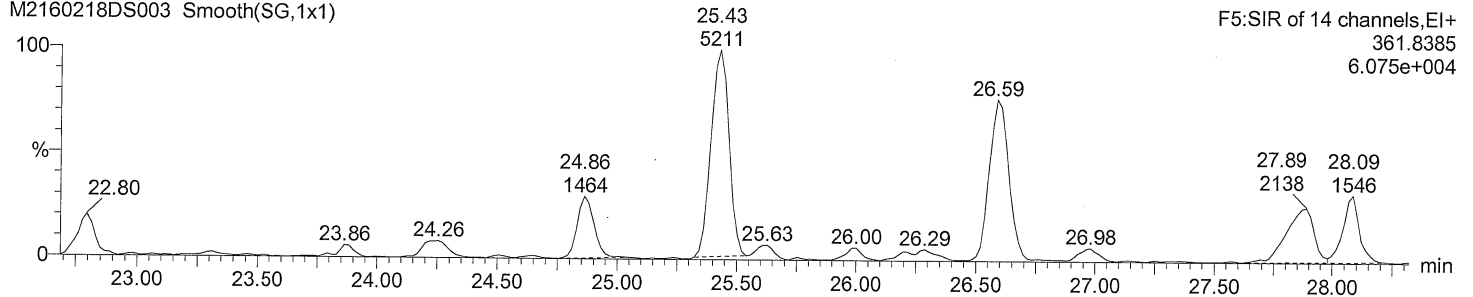
M2160218DS003 Smooth(SG,1x1)



4-24
B

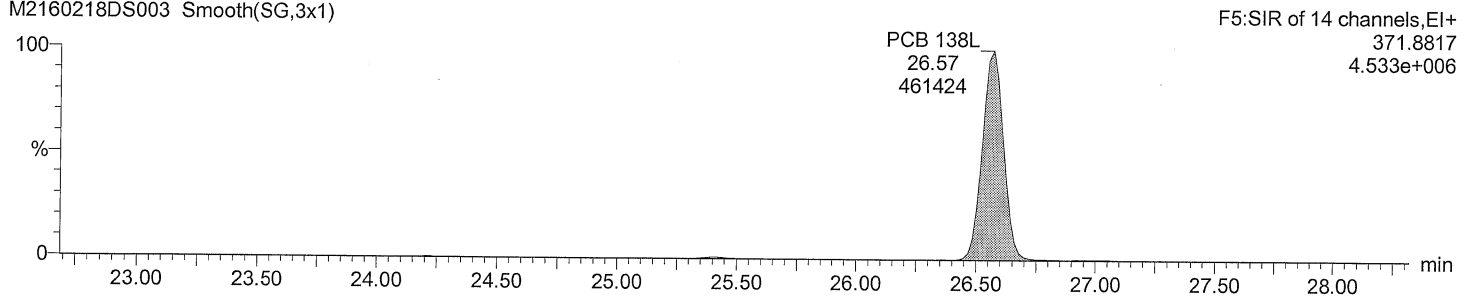
Total HxCB F5

M2160218DS003 Smooth(SG,1x1)



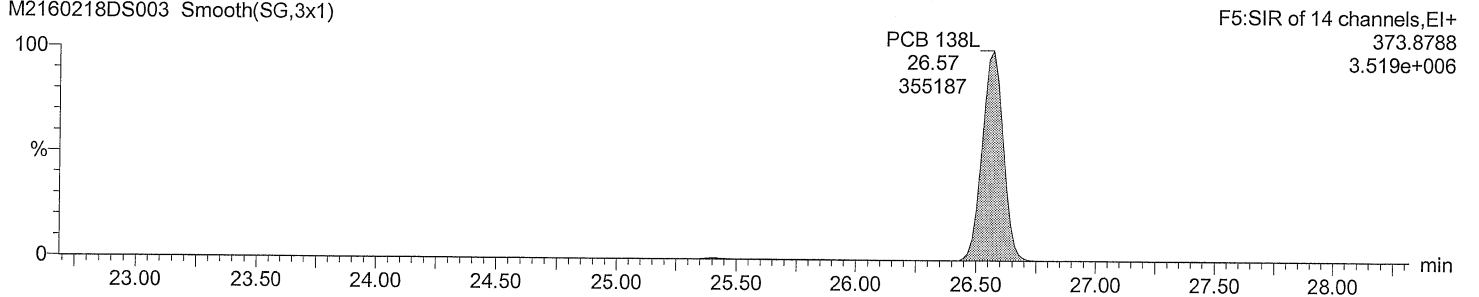
Total HxCB labeled F5

M2160218DS003 Smooth(SG,3x1)



Total HxCB labeled F5

M2160218DS003 Smooth(SG,3x1)

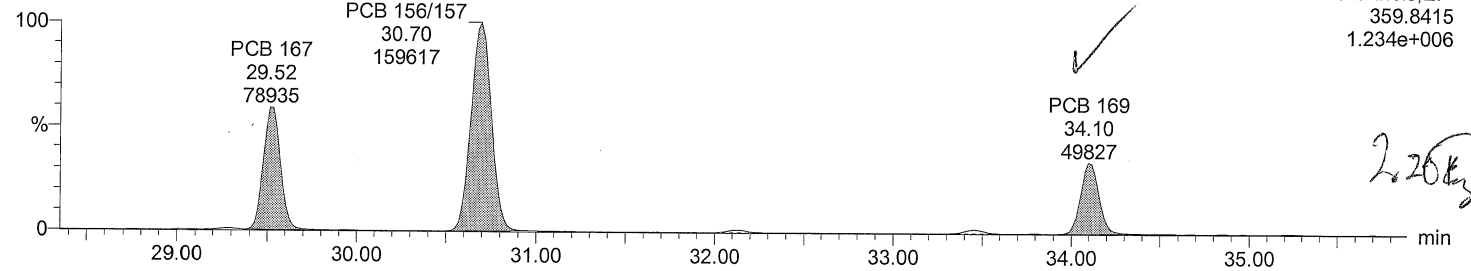


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Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time
Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE
Vial: 3
Date: 18-FEB-2016
Time: 20:07:44

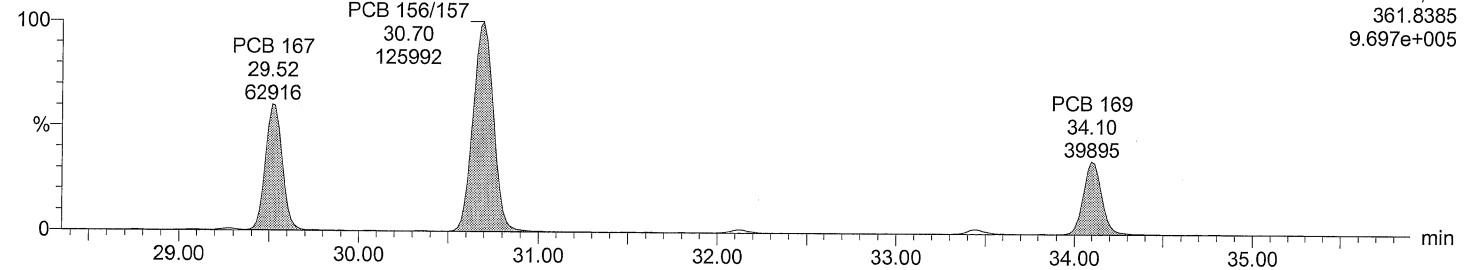
Total HxCB F6

M2160218DS003 Smooth(SG,3x1)



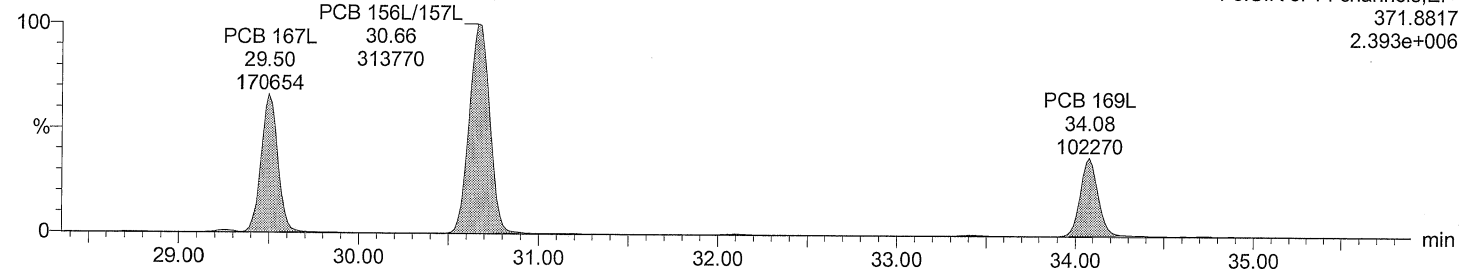
Total HxCB F6

M2160218DS003 Smooth(SG,3x1)



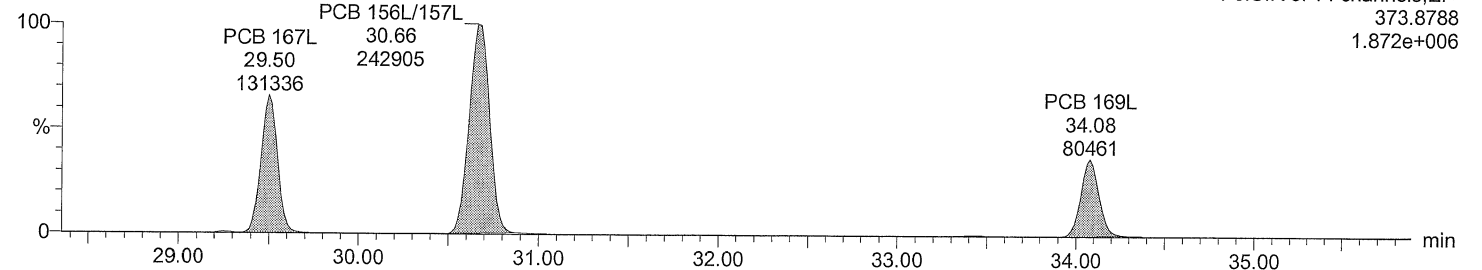
Total HxCB labeled F6

M2160218DS003 Smooth(SG,3x1)



Total HxCB labeled F6

M2160218DS003 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time

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ID: WS#4386412/4378609, Ti

Description: SPIKE

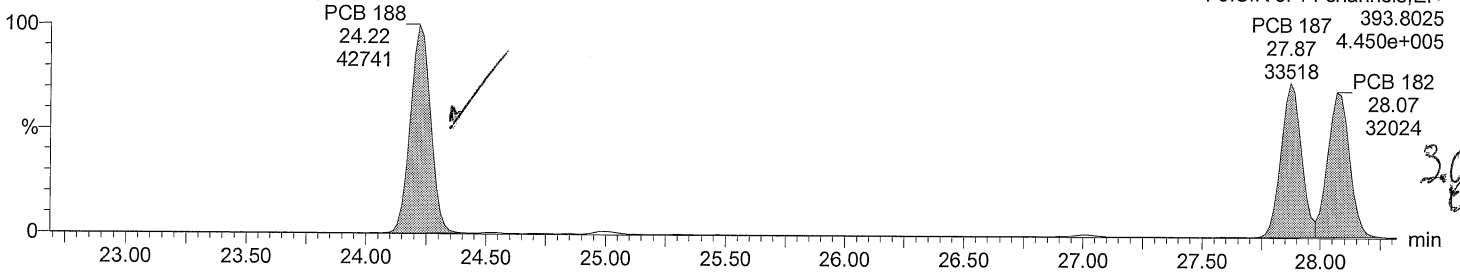
Vial: 3

Date: 18-FEB-2016

Time: 20:07:44

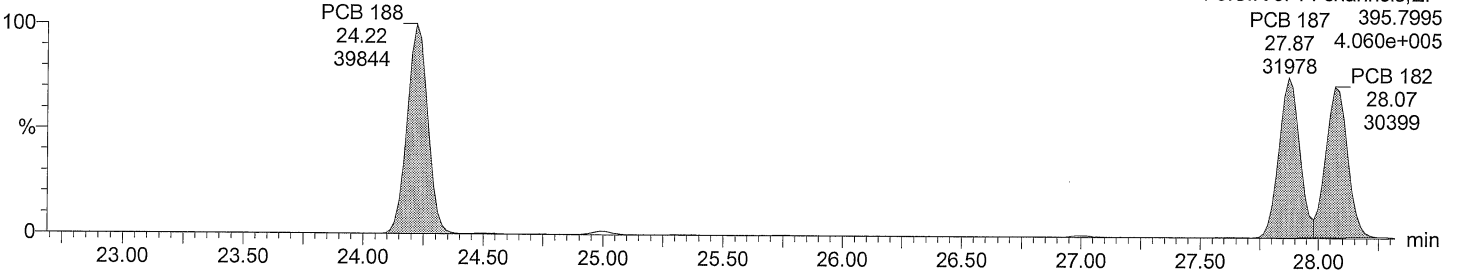
Total HpCB F5

M2160218DS003 Smooth(SG,3x1)



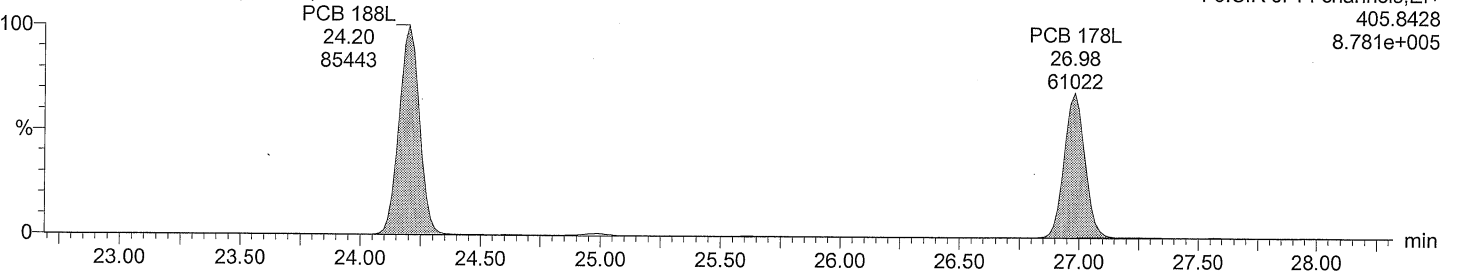
Total HpCB F5

M2160218DS003 Smooth(SG,3x1)



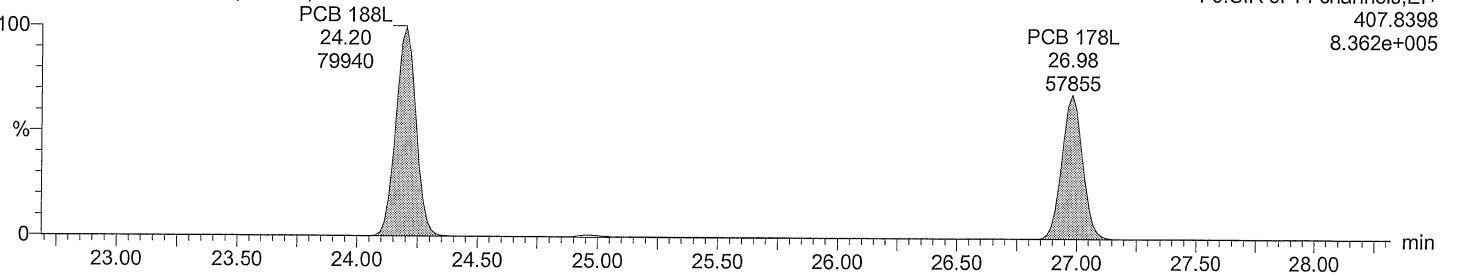
Total HpCB labeled F5

M2160218DS003 Smooth(SG,3x1)



Total HpCB labeled F5

M2160218DS003 Smooth(SG,3x1)



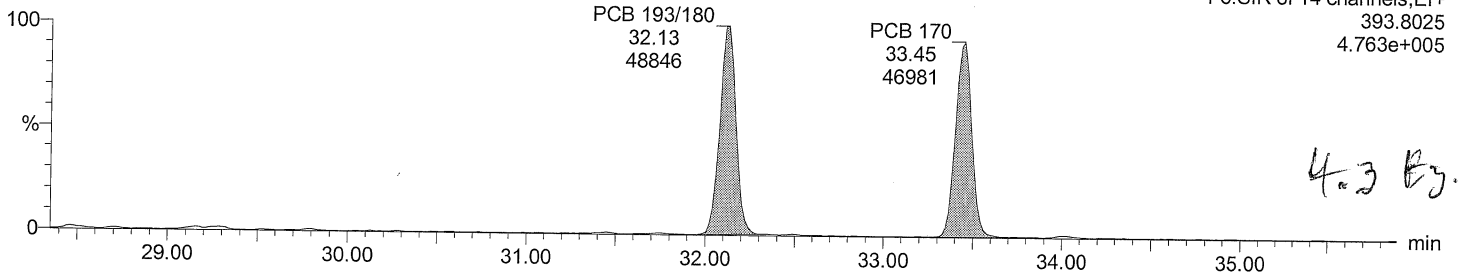
Dataset: C:\MassLynx\Default.pro\M2160218D\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time
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ID: WS#4386412/4378609, Ti
Description: SPIKE
Vial: 3
Date: 18-FEB-2016
Time: 20:07:44

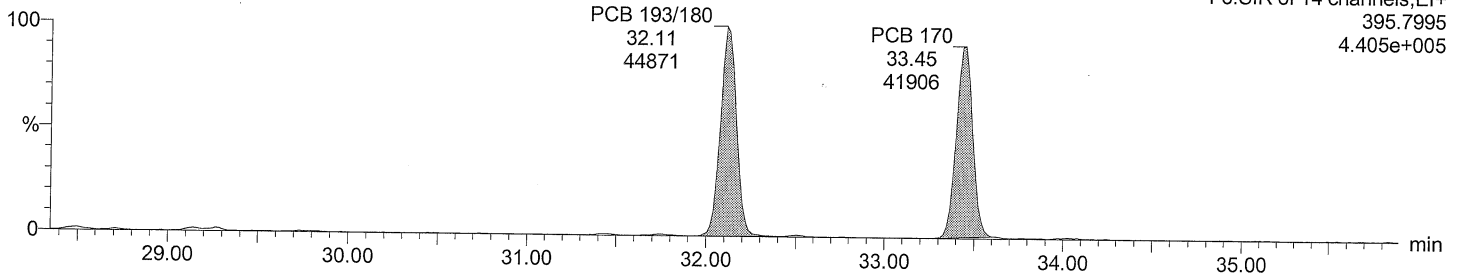
Total HpCB F6

M2160218DS003 Smooth(SG,1x1)



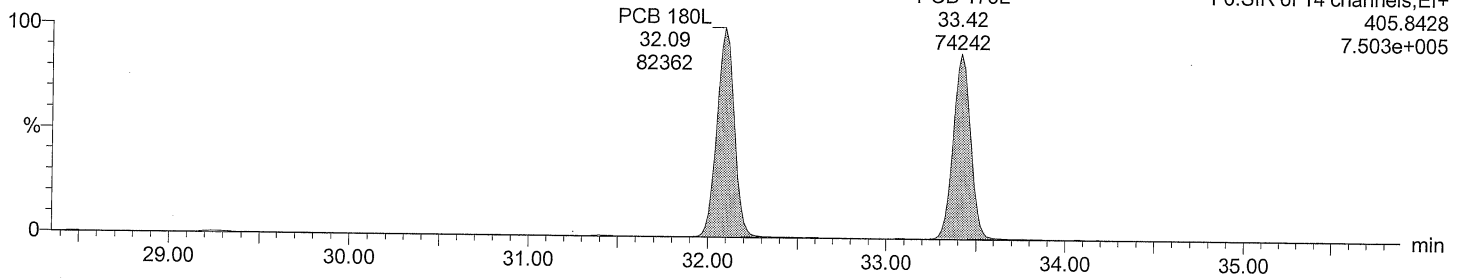
Total HpCB F6

M2160218DS003 Smooth(SG,1x1)



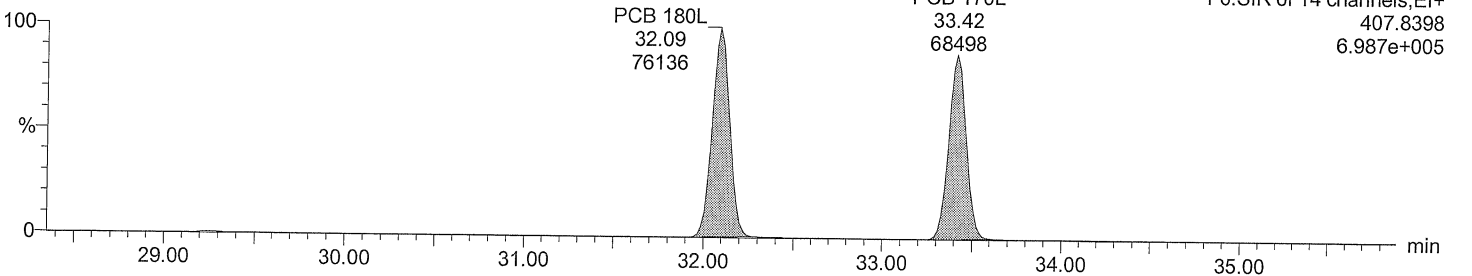
Total HpCB labeled F6

M2160218DS003 Smooth(SG,3x1)



Total HpCB labeled F6

M2160218DS003 Smooth(SG,3x1)



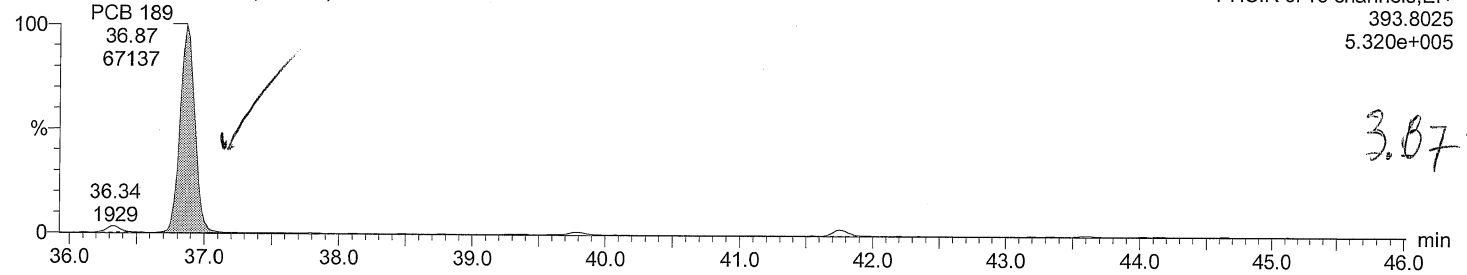
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Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time
Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE
Vial: 3
Date: 18-FEB-2016
Time: 20:07:44

Total HpCB F7

M2160218DS003 Smooth(SG,3x1)

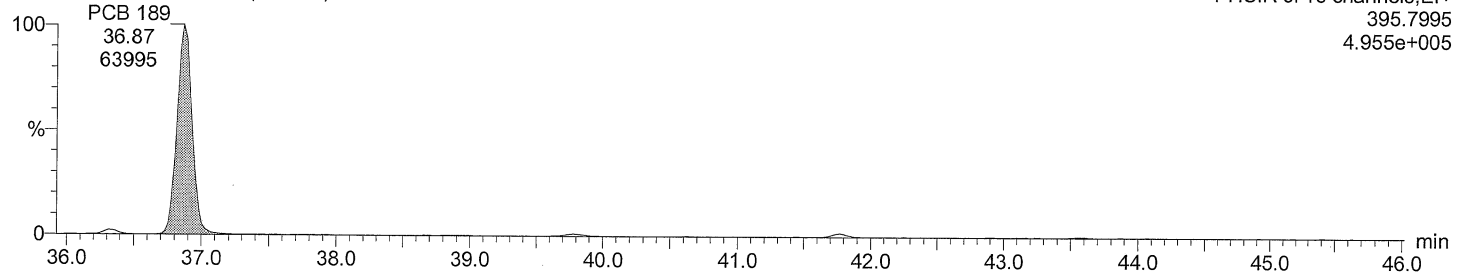
F7:SIR of 18 channels,EI+
393.8025
5.320e+005



Total HpCB F7

M2160218DS003 Smooth(SG,3x1)

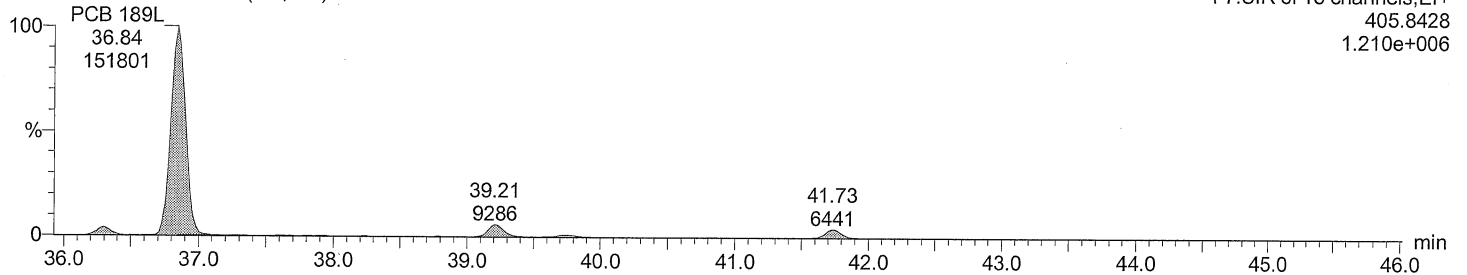
F7:SIR of 18 channels,EI+
395.7995
4.955e+005



Total HpCB labeled F7

M2160218DS003 Smooth(SG,3x1)

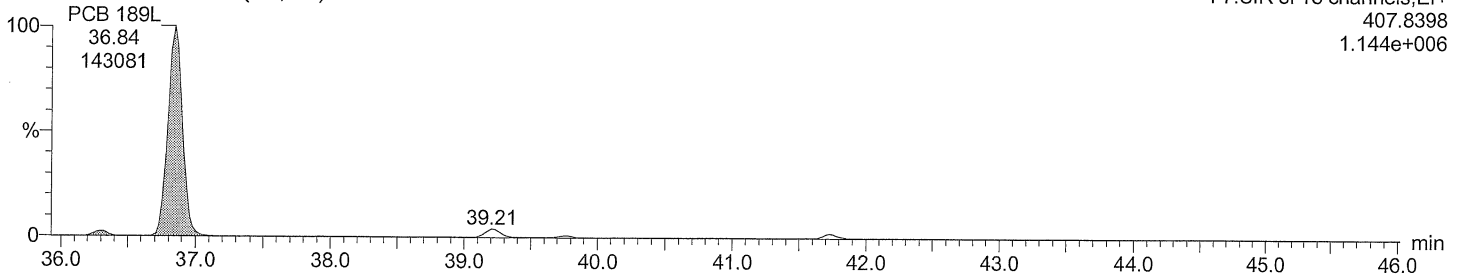
F7:SIR of 18 channels,EI+
405.8428
1.210e+006



Total HpCB labeled F7

M2160218DS003 Smooth(SG,3x1)

F7:SIR of 18 channels,EI+
407.8398
1.144e+006



Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

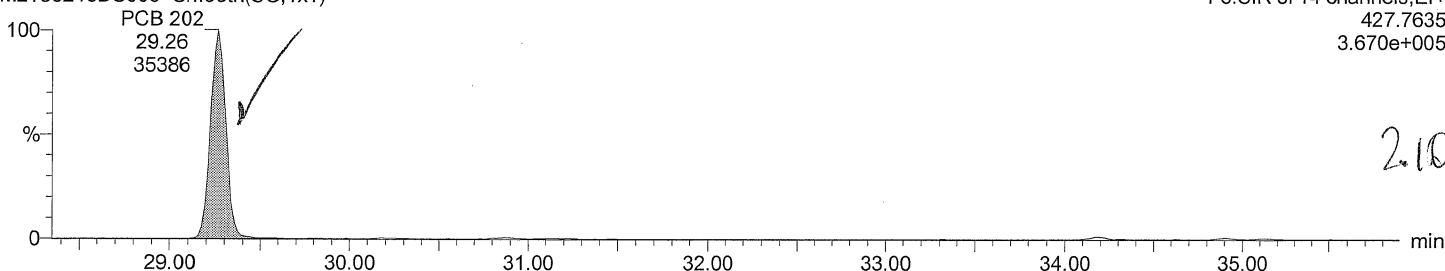
Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time
Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE
Vial: 3
Date: 18-FEB-2016
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Total OcCB F6

M2160218DS003 Smooth(SG,1x1)

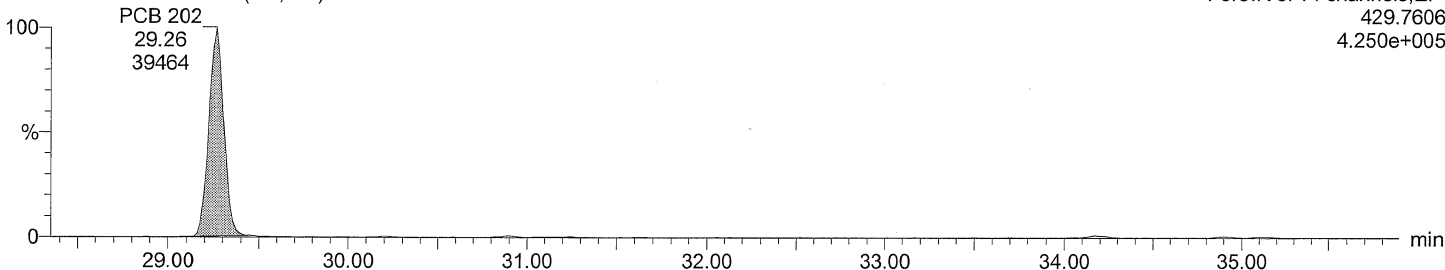
F6:SIR of 14 channels,EI+
427.7635
3.670e+005



Total OcCB F6

M2160218DS003 Smooth(SG,1x1)

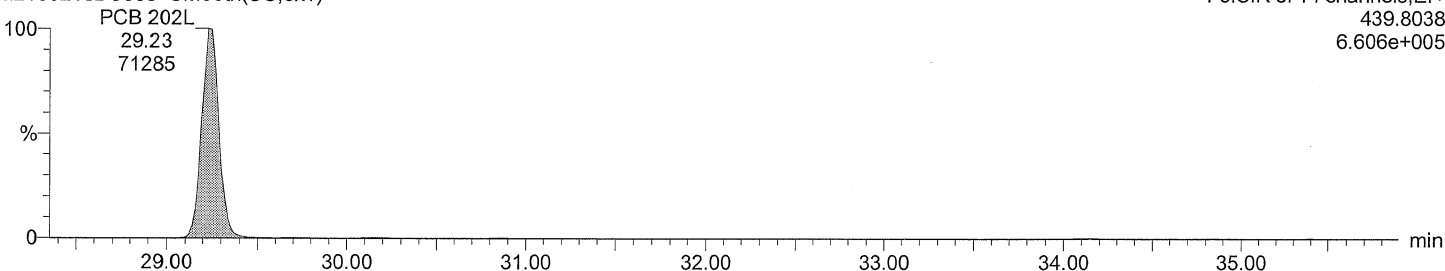
F6:SIR of 14 channels,EI+
429.7606
4.250e+005



Total OcCB labeled F6

M2160218DS003 Smooth(SG,3x1)

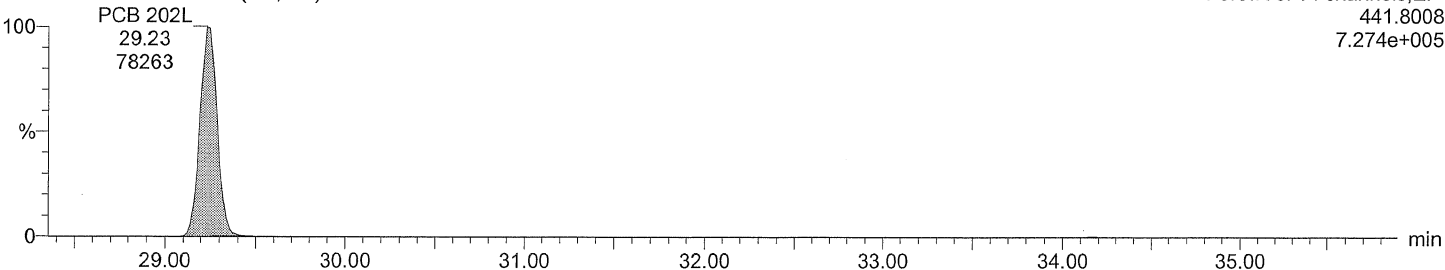
F6:SIR of 14 channels,EI+
439.8038
6.606e+005



Total OcCB labeled F6

M2160218DS003 Smooth(SG,3x1)

F6:SIR of 14 channels,EI+
441.8008
7.274e+005



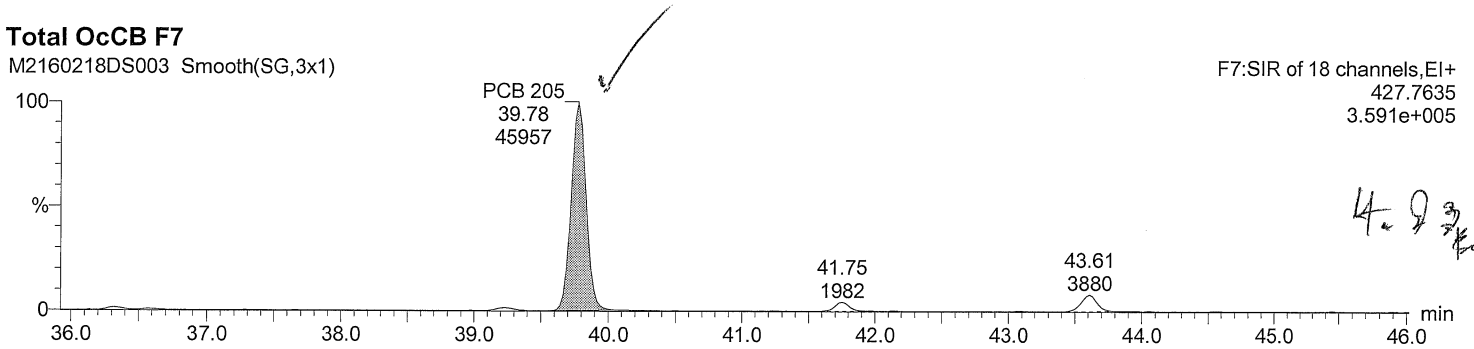
Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time
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ID: WS#4386412/4378609, Ti
Description: SPIKE
Vial: 3
Date: 18-FEB-2016
Time: 20:07:44

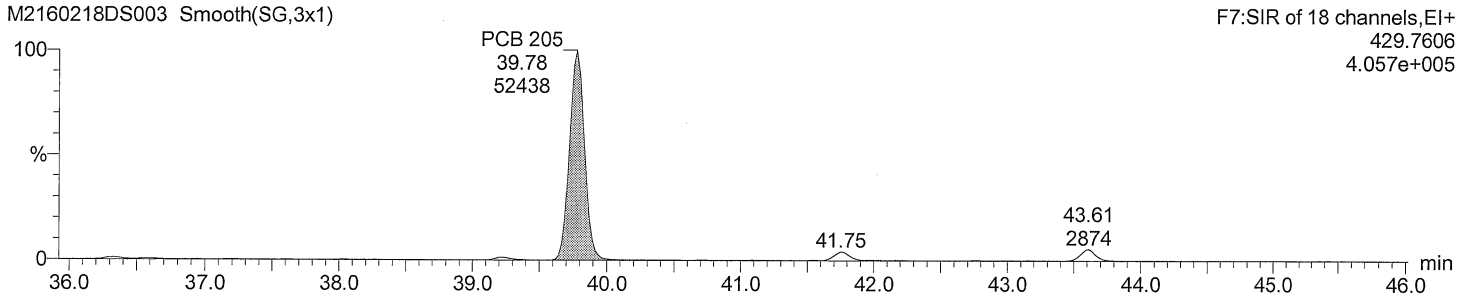
Total OcCB F7

M2160218DS003 Smooth(SG,3x1)



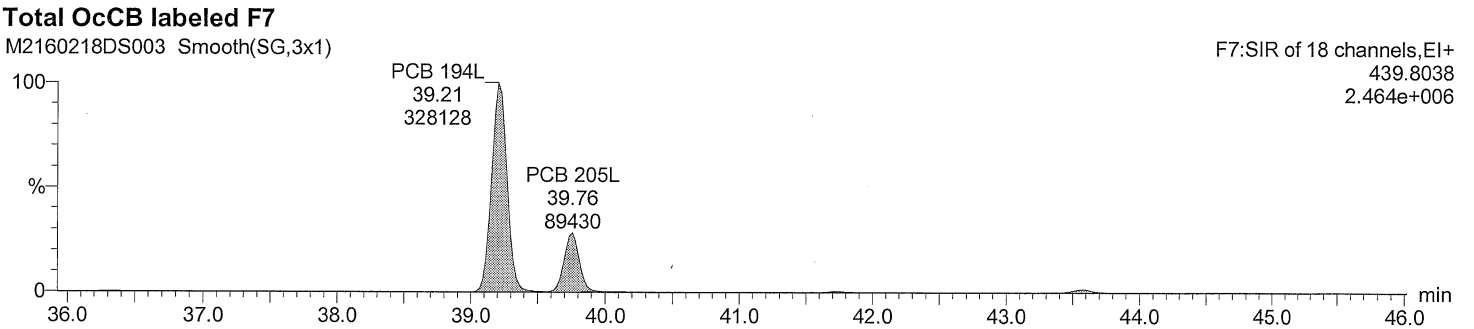
Total OcCB F7

M2160218DS003 Smooth(SG,3x1)



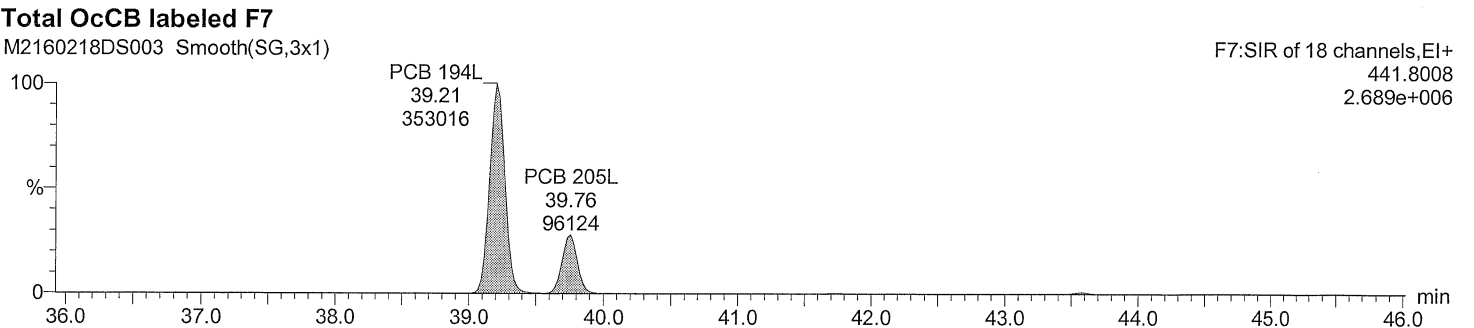
Total OcCB labeled F7

M2160218DS003 Smooth(SG,3x1)



Total OcCB labeled F7

M2160218DS003 Smooth(SG,3x1)

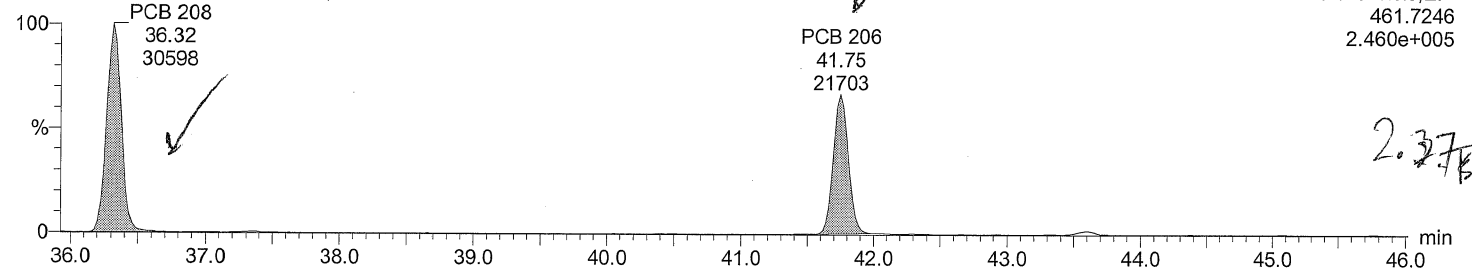


Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld
Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time
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ID: WS#4386412/4378609, Ti
Description: SPIKE
Vial: 3
Date: 18-FEB-2016
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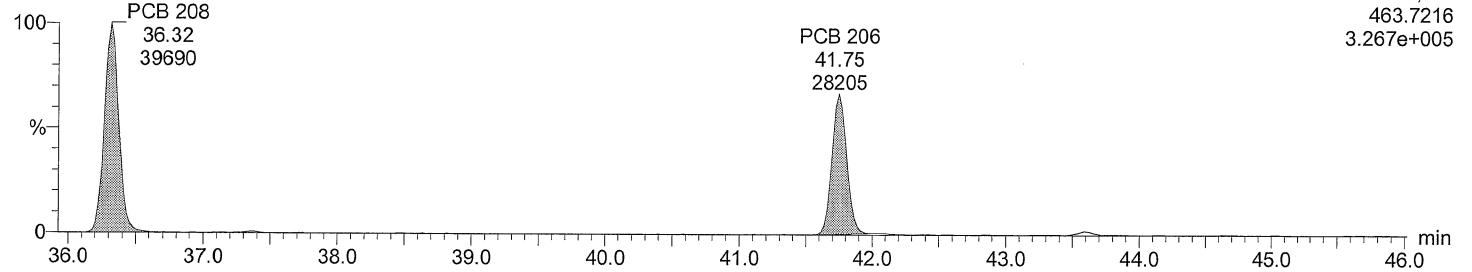
Total NoCB F7

M2160218DS003 Smooth(SG,3x1)



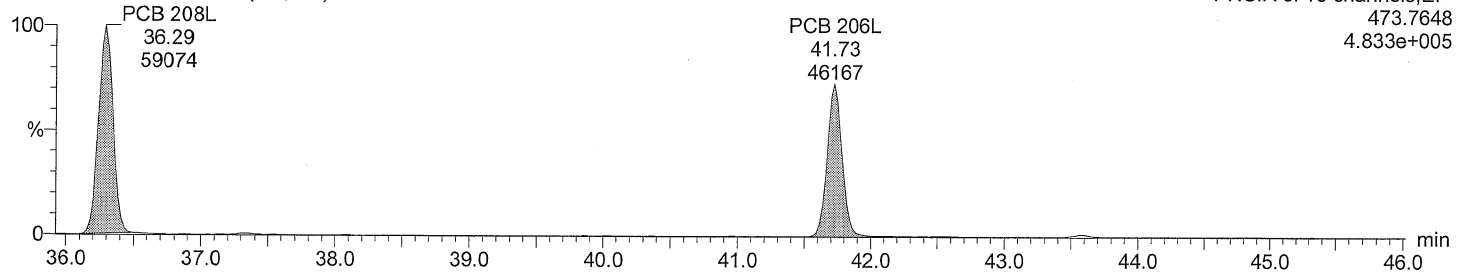
Total NoCB F7

M2160218DS003 Smooth(SG,3x1)



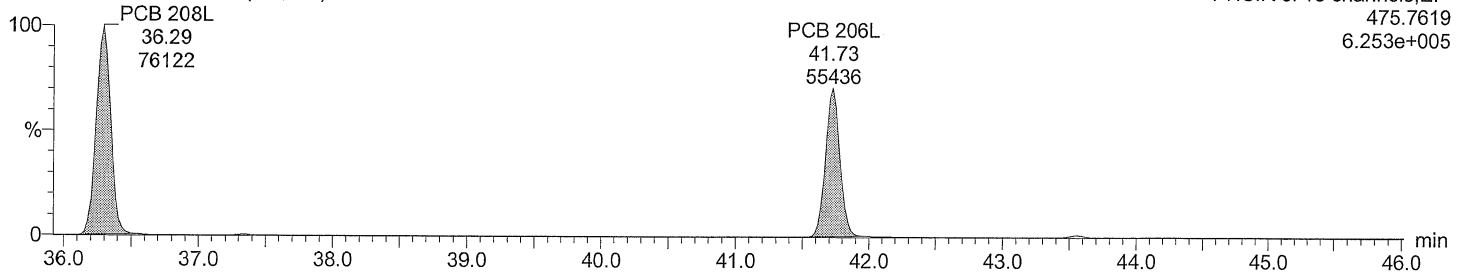
Total NoCB labeled F7

M2160218DS003 Smooth(SG,3x1)



Total NoCB labeled F7

M2160218DS003 Smooth(SG,3x1)



Acquired Date

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ID: WS#4386412/4378609, Ti

Description: SPIKE

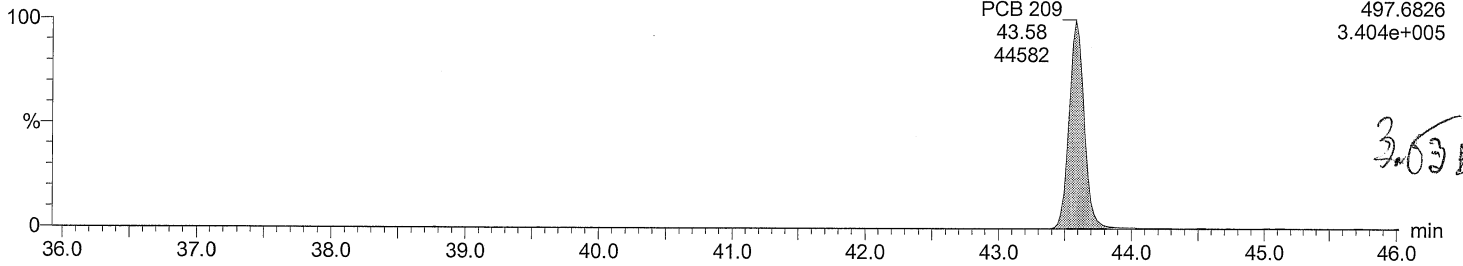
Vial: 3

Date: 18-FEB-2016

Time: 20:07:44

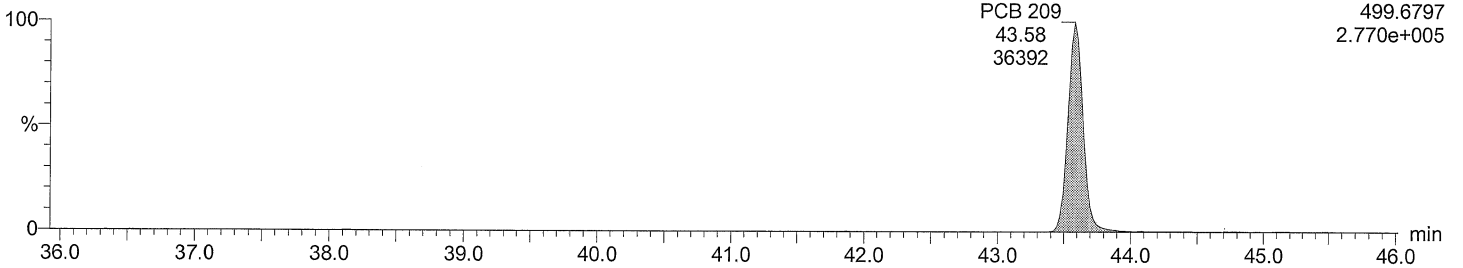
Total DeCB F7

M2160218DS003 Smooth(SG,3x1)



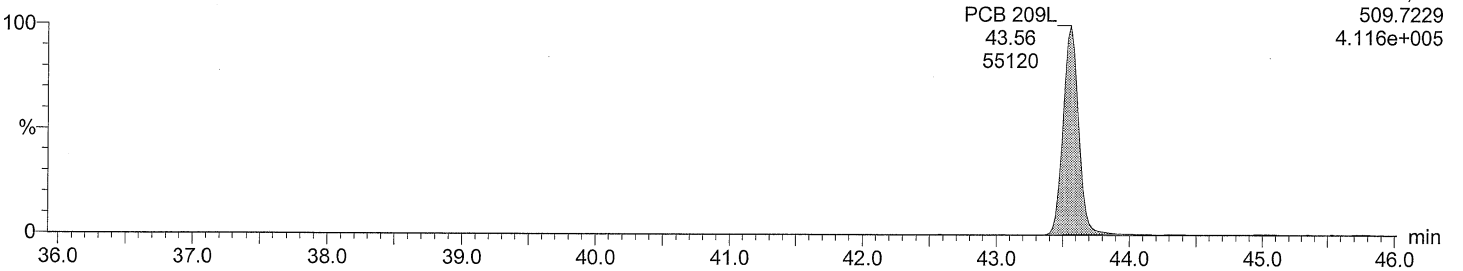
Total DeCB F7

M2160218DS003 Smooth(SG,3x1)



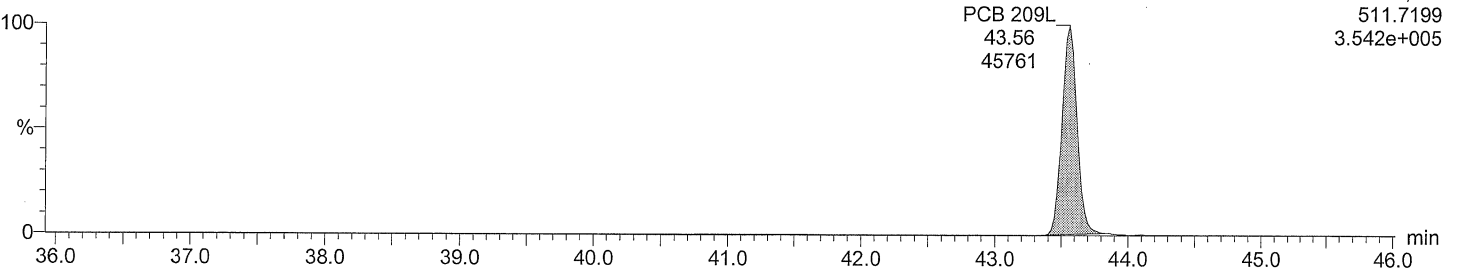
Total DeCB labeled F7

M2160218DS003 Smooth(SG,3x1)



Total DeCB labeled F7

M2160218DS003 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

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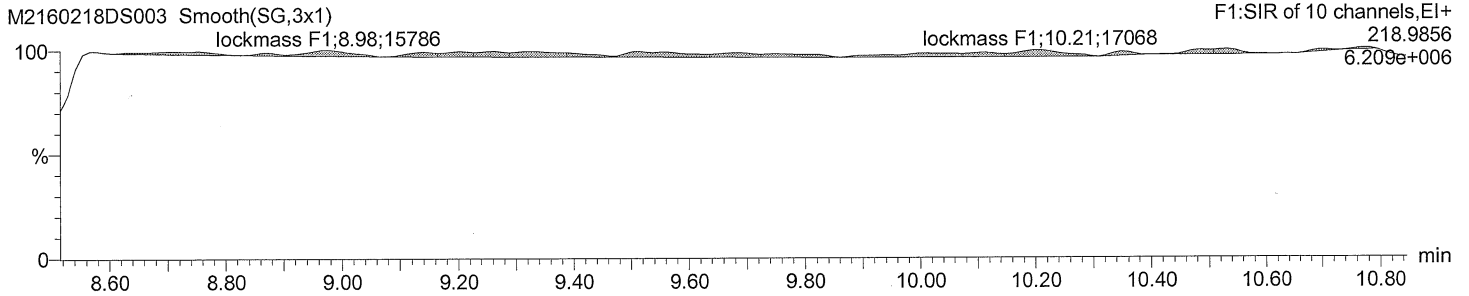
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Vial: 3

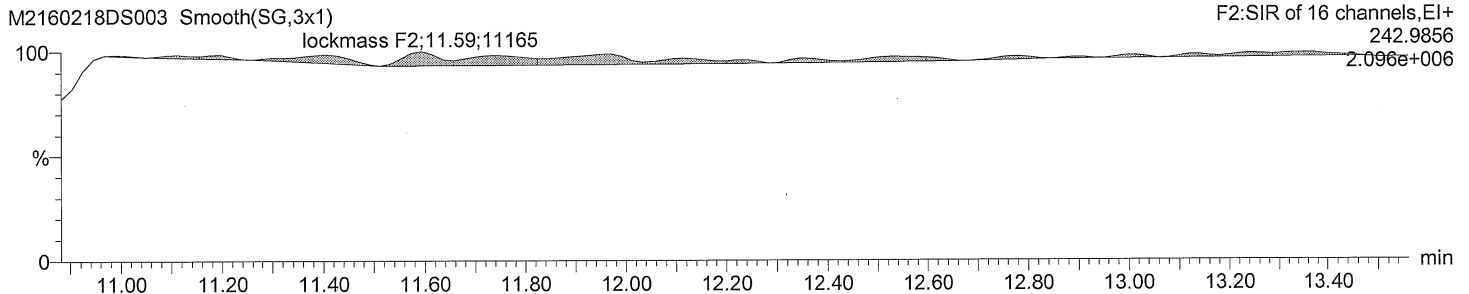
Date: 18-FEB-2016

Time: 20:07:44

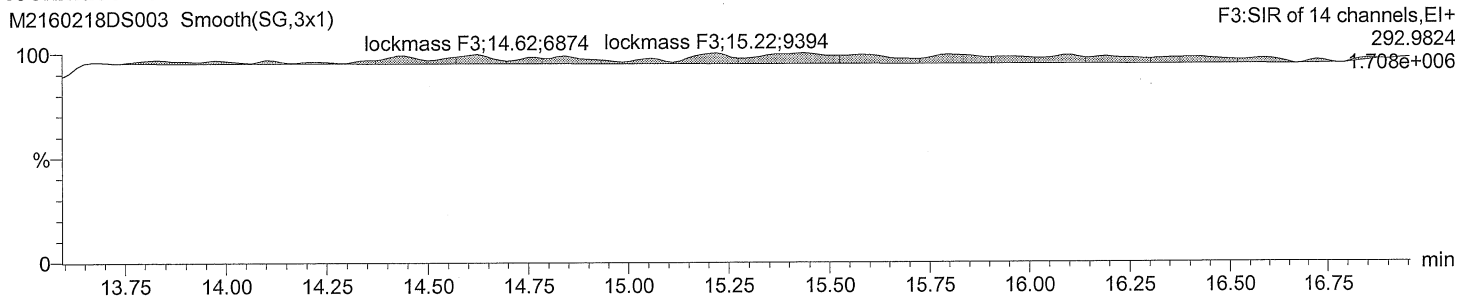
lockmass F1



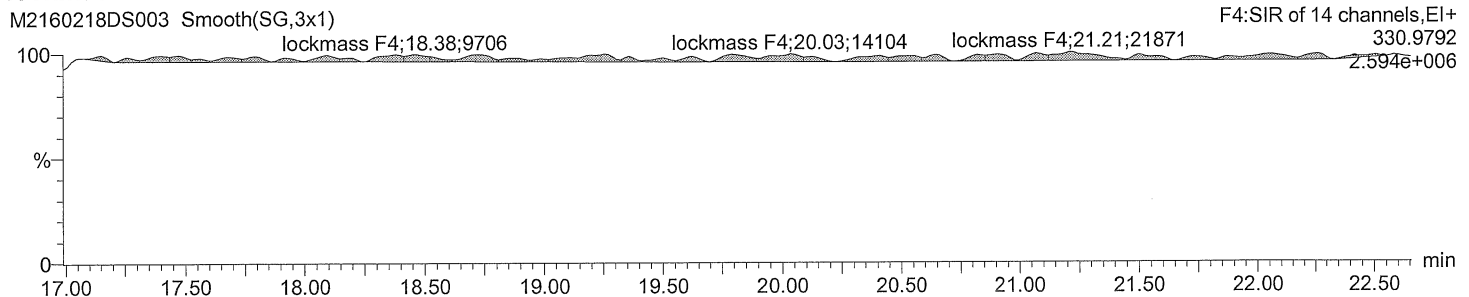
lockmass F2



lockmass F3



lockmass F4



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 04:17:07 PM Eastern Standard Time
 Printed: February 19, 2016 04:26:58 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE

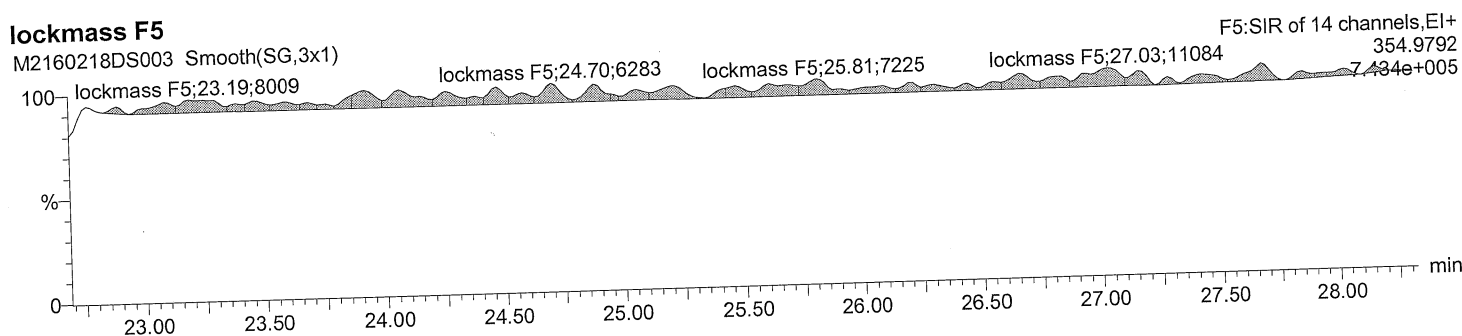
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Date: 18-FEB-2016

Time: 20:07:44

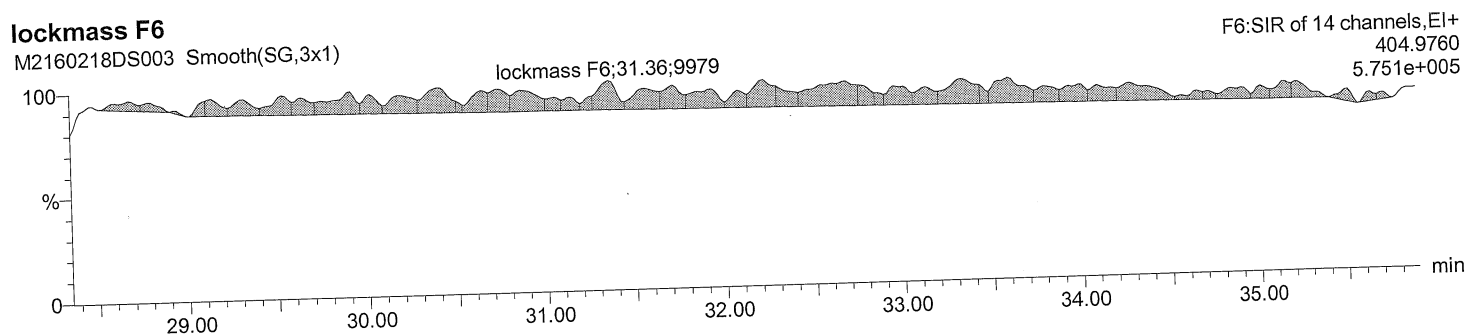
lockmass F5

M2160218DS003 Smooth(SG,3x1)



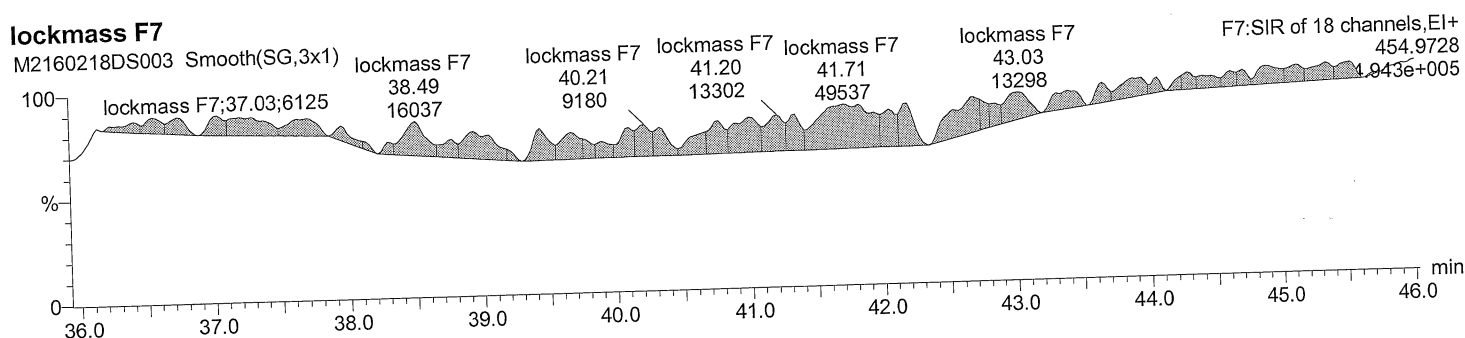
lockmass F6

M2160218DS003 Smooth(SG,3x1)



lockmass F7

M2160218DS003 Smooth(SG,3x1)



Sample ID **SPIKE:D1**
 Comments
 Instrument File Ultima 3
 Sample Size 10.149 Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng	Code	Isomers	DL	S/N	Mod	rf	Rec
1 PCB 1	188	8.99	103613	3.32	134869	0.101958	PCB 1 % Rec = 103		-0.0008	325	no	1.082	-
	MoCB 190	8.97	31256	yes						304			
2 PCB 2	188	NotFnd	*	*	*	-0.00073			-0.00073	*	no	1.2	-
	MoCB 190	10.10	*	no						*			
3 PCB 3	188	10.18	101216	3.17	133149	0.103136	PCB 3 % Rec = 105		-0.00081	328	no	1.079	-
	MoCB 190	10.19	31933	yes						319			
4 PCB 4	222	10.29	37987	1.66	60867	0.109185	PCB 4 % Rec = 111		-0.00268	789	no	0.954	-
	DICB 224	10.29	22881	yes						42			
5 PCB 10	222	NotFnd	*	*	*	-0.00208			-0.00208	*	no	1.229	-
	DICB 224	10.36	*	no						*			
6 PCB 9	222	NotFnd	*	*	*	-0.00304			-0.00304	*	no	1.311	-
	DICB 224	11.18	*	no						*			
7 PCB 7	222	NotFnd	*	*	*	-0.00342			-0.00342	*	no	1.165	-
	DICB 224	11.26	*	no						*			
8 PCB 6	222	NotFnd	*	*	*	-0.00302			-0.00302	*	no	1.319	-
	DICB 224	11.34	*	no						*			
9 PCB 5	222	NotFnd	*	*	*	-0.00405			-0.00405	*	no	0.983	-
	DICB 224	11.49	*	no						*			
10 PCB 8	222	NotFnd	*	*	*	-0.00274			-0.00274	*	no	1.466	-
	DICB 224	11.55	*	no						*			
11 PCB 14	222	NotFnd	*	*	*	-0.00299			-0.00299	*	no	1.332	-
	DICB 224	12.26	*	no						*			
12 PCB 11	222	NotFnd	*	*	*	-0.0031			-0.0031	*	no	1.285	-
	DICB 224	12.66	*	no						*			
13 PCB 13/12	222	NotFnd	*	*	*	-0.00329			-0.00329	*	no	1.21	-
	DICB 224	12.81	*	no						*			
14 PCB 15	222	12.95	100327	1.57	164206	0.105132	PCB 15 % Rec = 107		-0.00457	1089	no	0.871	-
	DICB 224	12.95	63880	yes						53			
15 PCB 19	256	11.67	33093	1.05	64743	0.106936	PCB 19 % Rec = 109		-0.00166	362	no	0.899	-
	TriCB 258	11.70	31650	yes						373			
16 PCB 30/18	256	NotFnd	*	*	*	-0.00183			-0.00183	*	no	0.813	-
	TriCB 258	12.48	*	no						*			
17 PCB 17	256	NotFnd	*	*	*	-0.00218			-0.00218	*	no	0.683	-
	TriCB 258	12.69	*	no						*			
18 PCB 27	256	NotFnd	*	*	*	-0.00149			-0.00149	*	no	1.002	-
	TriCB 258	12.78	*	no						*			
19 PCB 24	256	NotFnd	*	*	*	-0.00174			-0.00174	*	no	0.855	-
	TriCB 258	12.86	*	no						*			
20 PCB 16	256	NotFnd	*	*	*	-0.00298			-0.00298	*	no	0.501	-
	TriCB 258	12.90	*	no						*			
21 PCB 32	256	NotFnd	*	*	*	-0.00136			-0.00136	*	no	1.093	-
	TriCB 258	13.13	*	no						*			
22 PCB 34	256	13.74	80457	1	160609	0.101005	PCB 34 % Rec = 103		-0.00052	704	no	1.235	-
	TriCB 258	13.74	80153	yes						724			
23 PCB 23	256	13.83	78544	1.02	155675	0.117137	PCB 23 % Rec = 119		-0.00062	722	no	1.033	-
	TriCB 258	13.82	77131	yes						745			
24 PCB 26/29	256	NotFnd	*	*	*	-0.00052			-0.00052	*	no	1.221	-
	TriCB 258	13.98	*	no						*			
25 PCB 25	256	NotFnd	*	*	*	-0.00048			-0.00048	*	no	1.334	-
	TriCB 258	14.10	*	no						*			
26 PCB 31	256	NotFnd	*	*	*	-0.00048			-0.00048	*	no	1.335	-
	TriCB 258	14.26	*	no						*			
27 PCB 28/20	256	NotFnd	*	*	*	-0.00053			-0.00053	*	no	1.191	-
	TriCB 258	14.43	*	no						*			
28 PCB 21/33	256	NotFnd	*	*	*	-0.00051			-0.00051	*	no	1.255	-
	TriCB 258	14.53	*	no						*			
29 PCB 22	256	NotFnd	*	*	*	-0.00056			-0.00056	*	no	1.127	-
	TriCB 258	14.76	*	no						*			
30 PCB 36	256	NotFnd	*	*	*	-0.00041			-0.00041	*	no	1.57	-
	TriCB 258	15.60	*	no						*			
31 PCB 39	256	NotFnd	*	*	*	-0.00048			-0.00048	*	no	1.32	-
	TriCB 258	15.83	*	no						*			
32 PCB 38	256	NotFnd	*	*	*	-0.00044			-0.00044	*	no	1.438	-
	TriCB 258	16.18	*	no						*			
33 PCB 35	256	NotFnd	*	*	*	-0.0004			-0.0004	*	no	1.597	-
	TriCB 258	16.45	*	no						*			
34 PCB 37	256	16.70	87019	1	174228	0.101236	PCB 37 % Rec = 103		-0.0007	622	no	0.906	-
	TriCB 258	16.70	87210	yes						639			
35 PCB 54	290	13.08	31367	0.79	70998	0.10353	PCB 54 % Rec = 105		-0.00077	339	no	0.911	-
	TCB 292	13.08	39631	yes						326			
36 PCB 53/50	290	NotFnd	*	*	*	-0.00199			-0.00199	*	no	0.654	-
	TCB 292	14.11	*	no						*			
37 PCB 45/51	290	NotFnd	*	*	*	-0.00206			-0.00206	*	no	0.633	-
	TCB 292	14.49	*	no						*			
38 PCB 46	290	NotFnd	*	*	*	-0.00235			-0.00235	*	no	0.554	-
	TCB 292	14.64	*	no						*			
39 PCB 52	290	NotFnd	*	*	*	-0.00156			-0.00156	*	no	0.834	-
	TCB 292	15.38	*	no						*			
40 PCB 73	290	NotFnd	*	*	*	-0.0016			-0.0016	*	no	0.813	-
	TCB 292	15.46	*	no						*			
41 PCB 43	290	NotFnd	*	*	*	-0.00253			-0.00253	*	no	0.516	-
	TCB 292	15.52	*	no						*			
42 PCB 69/49	290	NotFnd	*	*	*	-0.00153			-0.00153	*	no	0.851	-
	TCB 292	15.64	*	no						*			

43	PCB 48	290	NotFnd	*	*	*	-0.00194	-0.00194	*	no	0.673	-	
		TCB 292	15.84	*	no	*			*				
44	PCB 44/47/65	290	NotFnd	*	*	*	-0.00167	-0.00167	*	no	0.783	-	
		TCB 292	15.98	*	no	*			*				
45	PCB 59/62/75	290	NotFnd	*	*	*	-0.00128	-0.00128	*	no	1.017	-	
		TCB 292	16.16	*	no	*			*				
46	PCB 42	290	NotFnd	*	*	*	-0.00191	-0.00191	*	no	0.682	-	
		TCB 292	16.29	*	no	*			*				
47	PCB 40/41/71	290	NotFnd	*	*	*	-0.0018	-0.0018	*	no	0.724	-	
		TCB 292	16.58	*	no	*			*				
48	PCB 64	290	NotFnd	*	*	*	-0.00141	-0.00141	*	no	0.922	-	
		TCB 292	16.71	*	no	*			*				
49	PCB 72	290	NotFnd	*	*	*	-0.0013	-0.0013	*	no	1.304	-	
		TCB 292	17.19	*	no	*			*				
50	PCB 68	290	NotFnd	*	*	*	-0.00139	-0.00139	*	no	1.22	-	
		TCB 292	17.40	*	no	*			*				
51	PCB 57	290	NotFnd	*	*	*	-0.00139	-0.00139	*	no	1.221	-	
		TCB 292	17.68	*	no	*			*				
52	PCB 58	290	NotFnd	*	*	*	-0.00164	-0.00164	*	no	1.035	-	
		TCB 292	17.83	*	no	*			*				
53	PCB 67	290	NotFnd	*	*	*	-0.00126	-0.00126	*	no	1.347	-	
		TCB 292	17.94	*	no	*			*				
54	PCB 63	290	NotFnd	*	*	*	-0.00135	-0.00135	*	no	1.253	-	
		TCB 292	18.13	*	no	*			*				
55	PCB 61/70/74/76	290	NotFnd	*	*	*	-0.00153	-0.00153	*	no	1.109	-	
		TCB 292	18.34	*	no	*			*				
56	PCB 66	290	NotFnd	*	*	*	-0.00137	-0.00137	*	no	1.241	-	
		TCB 292	18.58	*	no	*			*				
57	PCB 55	290	NotFnd	*	*	*	-0.0017	-0.0017	*	no	0.998	-	
		TCB 292	18.71	*	no	*			*				
58	PCB 56	290	NotFnd	*	*	*	-0.0017	-0.0017	*	no	0.995	-	
		TCB 292	19.05	*	no	*			*				
59	PCB 60	290	NotFnd	*	*	*	-0.00171	-0.00171	*	no	0.988	-	
		TCB 292	19.22	*	no	*			*				
60	PCB 80	290	NotFnd	*	*	*	-0.00138	-0.00138	*	no	1.224	-	
		TCB 292	19.48	*	no	*			*				
61	PCB 79	290	NotFnd	*	*	*	-0.00116	-0.00116	*	no	1.462	-	
		TCB 292	20.61	*	no	*			*				
62	PCB 78	290	NotFnd	*	*	*	-0.00132	-0.00132	*	no	1.287	-	
		TCB 292	21.06	*	no	*			*				
63	PCB 81	290	21.42	72559	0.76	168231	0.100282	PCB 81 % Rec = 102	-0.00165	180	no	1.027	-
		TCB 292	21.42	95673	yes					183			
64	PCB 77	290	21.87	72106	0.79	163808	0.096753	PCB 77 % Rec = 98	-0.00157	171	no	1.077	-
		TCB 292	21.87	91702	yes					175			
65	PCB 104	326	15.94	51677	1.61	83795	0.09937	PCB 104 % Rec = 101	-0.00045	553	no	1.094	-
		PeCB 328	15.94	32118	yes					525			
66	PCB 96	326	NotFnd	*	*	*	-0.00057	-0.00057	*	no	0.874	-	
		PeCB 328	16.16	*	no	*			*				
67	PCB 103	326	NotFnd	*	*	*	-0.00214	-0.00214	*	no	0.739	-	
		PeCB 328	17.32	*	no	*			*				
68	PCB 94	326	NotFnd	*	*	*	-0.00293	-0.00293	*	no	0.54	-	
		PeCB 328	17.47	*	no	*			*				
69	PCB 95	326	NotFnd	*	*	*	-0.00232	-0.00232	*	no	0.683	-	
		PeCB 328	17.77	*	no	*			*				
70	PCB 100/93/102/98	326	NotFnd	*	*	*	-0.00256	-0.00256	*	no	0.619	-	
		PeCB 328	17.93	*	no	*			*				
71	PCB 88/91	326	NotFnd	*	*	*	-0.00253	-0.00253	*	no	0.625	-	
		PeCB 328	18.31	*	no	*			*				
72	PCB 84	326	NotFnd	*	*	*	-0.00297	-0.00297	*	no	0.534	-	
		PeCB 328	18.50	*	no	*			*				
73	PCB 89	326	NotFnd	*	*	*	-0.00272	-0.00272	*	no	0.582	-	
		PeCB 328	18.84	*	no	*			*				
74	PCB 121	326	NotFnd	*	*	*	-0.00208	-0.00208	*	no	0.761	-	
		PeCB 328	19.08	*	no	*			*				
75	PCB 92	326	NotFnd	*	*	*	-0.00265	-0.00265	*	no	0.598	-	
		PeCB 328	19.34	*	no	*			*				
76	PCB 113/90/101	326	NotFnd	*	*	*	-0.00223	-0.00223	*	no	0.71	-	
		PeCB 328	19.76	*	no	*			*				
77	PCB 83/99	326	NotFnd	*	*	*	-0.00254	-0.00254	*	no	0.623	-	
		PeCB 328	20.22	*	no	*			*				
78	PCB 112	326	NotFnd	*	*	*	-0.00193	-0.00193	*	no	0.819	-	
		PeCB 328	20.33	*	no	*			*				
79	PCB 109/119/86/97/125/326	326	NotFnd	*	*	*	-0.00218	-0.00218	*	no	0.726	-	
		PeCB 328	20.62	*	no	*			*				
80	PCB 117/116/85	326	NotFnd	*	*	*	-0.00199	-0.00199	*	no	0.796	-	
		PeCB 328	21.22	*	no	*			*				
81	PCB 110/115	326	NotFnd	*	*	*	-0.00211	-0.00211	*	no	0.75	-	
		PeCB 328	21.32	*	no	*			*				
82	PCB 82	326	NotFnd	*	*	*	-0.00281	-0.00281	*	no	0.564	-	
		PeCB 328	21.59	*	no	*			*				
83	PCB 111	326	NotFnd	*	*	*	-0.00196	-0.00196	*	no	0.809	-	
		PeCB 328	21.84	*	no	*			*				
84	PCB 120	326	NotFnd	*	*	*	-0.00167	-0.00167	*	no	0.951	-	
		PeCB 328	22.24	*	no	*			*				
85	PCB 108/124	326	NotFnd	*	*	*	-0.00064	-0.00064	*	no	1.122	-	
		PeCB 328	23.21	*	no	*			*				
86	PCB 107	326	NotFnd	*	*	*	-0.00063	-0.00063	*	no	1.147	-	
		PeCB 328	23.39	*	no	*			*				
87	PCB 123	326	23.50	84307	1.53	139274	0.098566	PCB 123 % Rec = 100	-0.0008	369	no	0.894	-
		PeCB 328	23.51	54967	yes					381			
88	PCB 106	326	NotFnd	*	no	*	-0.00059	-0.00059	*	no	1.218	-	
		PeCB 328	23.63	*	no	*			*				
89	PCB 118	326	23.79	99714	1.59	162441	0.105695	PCB 118 % Rec = 107	-0.00073	432	no	0.981	-
		PeCB 328	23.80	62727	yes					433			

137 PCB 183	394	NotFnd	*	*	*	-0.00195	-0.00195	*	no	1.162	-	
	HpCB 396	28.50	*	no	*			*				
138 PCB 185	394	NotFnd	*	*	*	-0.00266	-0.00266	*	no	0.851	-	
	HpCB 396	28.56	*	no	*			*				
139 PCB 174	394	NotFnd	*	*	*	-0.00233	-0.00233	*	no	0.97	-	
	HpCB 396	28.72	*	no	*			*				
140 PCB 177	394	NotFnd	*	*	*	-0.0024	-0.0024	*	no	0.943	-	
	HpCB 396	29.14	*	no	*			*				
141 PCB 181	394	NotFnd	*	*	*	-0.00254	-0.00254	*	no	0.892	-	
	HpCB 396	29.56	*	no	*			*				
142 PCB 171/173	394	NotFnd	*	*	*	-0.00239	-0.00239	*	no	0.948	-	
	HpCB 396	29.78	*	no	*			*				
143 PCB 172	394	NotFnd	*	*	*	-0.00238	-0.00238	*	no	0.95	-	
	HpCB 396	31.42	*	no	*			*				
144 PCB 192	394	NotFnd	*	*	*	-0.00208	-0.00208	*	no	1.085	-	
	HpCB 396	31.74	*	no	*			*				
145 PCB 193/180	394	32.13	52516	1.09	100641	0.08362	PCB 193/180 % Rec = 85	-0.00164	118	no	1.383	-
	HpCB 396	32.06	48124	yes	*			115				
146 PCB 191	394	NotFnd	*	*	*	-0.00167	-0.00167	*	no	1.352	-	
	HpCB 396	32.47	*	no	*			*				
147 PCB 170	394	33.45	51802	1.08	99888	0.102217	PCB 170 % Rec = 104	-0.00178	115	no	1.271	-
	HpCB 396	33.45	48086	yes	*			111				
148 PCB 190	394	NotFnd	*	*	*	-0.00168	-0.00168	*	no	1.345	-	
	HpCB 396	34.02	*	no	*			*				
149 PCB 189	394	36.86	76886	1.05	150082	0.094497	PCB 189 % Rec = 96	-0.00051	462	no	0.944	-
	HpCB 396	36.88	73196	yes	*			464				
150 PCB 202	428	29.26	38279	0.92	79888	0.100067	PCB 202 % Rec = 102	-0.00235	122	no	0.988	-
	OcCB 430	29.26	41610	yes	*			120				
151 PCB 201	428	NotFnd	*	*	*	-0.00232	-0.00232	*	no	0.997	-	
	OcCB 430	30.16	*	no	*			*				
152 PCB 204	428	NotFnd	*	*	*	-0.00241	-0.00241	*	no	0.962	-	
	OcCB 430	30.86	*	no	*			*				
153 PCB 197	428	NotFnd	*	*	*	-0.00265	-0.00265	*	no	0.876	-	
	OcCB 430	31.10	*	no	*			*				
154 PCB 200	428	NotFnd	*	*	*	-0.0023	-0.0023	*	no	1.006	-	
	OcCB 430	31.21	*	no	*			*				
155 PCB 198/199	428	NotFnd	*	*	*	-0.00354	-0.00354	*	no	0.654	-	
	OcCB 430	34.17	*	no	*			*				
156 PCB 196	428	NotFnd	*	*	*	-0.00344	-0.00344	*	no	0.674	-	
	OcCB 430	34.92	*	no	*			*				
157 PCB 203	428	NotFnd	*	*	*	-0.00352	-0.00352	*	no	0.659	-	
	OcCB 430	35.12	*	no	*			*				
158 PCB 195	428	NotFnd	*	*	*	-0.00145	-0.00145	*	no	1.005	-	
	OcCB 430	36.59	*	no	*			*				
159 PCB 194	428	NotFnd	*	*	*	-0.00134	-0.00134	*	no	1.091	-	
	OcCB 430	39.21	*	no	*			*				
160 PCB 205	428	39.75	58448	0.92	121748	0.095069	PCB 205 % Rec = 96	-0.00134	195	no	1.091	-
	OcCB 430	39.77	63299	yes	*			189				
161 PCB 208	462	36.31	33937	0.79	76701	0.096369	PCB 208 % Rec = 98	-0.00287	87	no	1.023	-
	NoCB 464	36.33	42764	yes	*			86				
162 PCB 207	462	NotFnd	*	*	*	-0.00222	-0.00222	*	no	1.32	-	
	NoCB 464	37.34	*	no	*			*				
163 PCB 206	462	41.72	25837	0.81	57750	0.098373	PCB 206 % Rec = 100	-0.00286	63	yes	1.027	-
	NoCB 464	41.70	31913	yes	*			60				
164 PCB 209	498	43.56	48248	1.21	88102	0.150934	PCB 209 % Rec = 153	-0.00241	156	no	1.04	-
	DCB 500	43.54	39854	yes	*			150				
165 PCB 1L	200	8.97	186634	3.43	240966	0.13916		0	7356	no	0.824	71
	202	8.97	54332	yes	*			508				
166 PCB 3L	200	10.17	183840	3.53	235873	0.131653		0	7295	no	0.852	67
	202	10.15	52033	yes	*			503				
167 PCB 4L	234	10.28	71551	1.64	115166	0.100971		0	3089	no	0.543	51
	236	10.28	43616	yes	*			3618				
168 PCB 15L	234	12.93	221349	1.67	353589	0.156579		0	2336	no	1.074	79
	236	12.90	132240	yes	*			2393				
169 PCB 19L	268	11.67	68721	1.07	132771	0.109238		0.001	253	no	0.578	55
	270	11.65	64050	yes	*			408				
170 PCB 37L	268	16.68	192188	1.05	374559	0.192426		0.001	608	no	1.987	98
	270	16.68	182371	yes	*			818				
171 PCB 54L	302	13.06	64774	0.77	148422	0.116761		0	1359	no	1.297	59
	304	13.07	83648	yes	*			3021				
172 PCB 81L	302	21.40	140457	0.77	321928	0.189054		0	689	no	1.738	96
	304	21.42	181472	yes	*			1897				
173 PCB 77L	302	21.85	136756	0.79	309729	0.188485		0	663	no	1.677	96
	304	21.84	172973	yes	*			1798				
174 PCB 104L	338	15.92	94295	1.64	151857	0.14862		0	8636	no	1.156	75
	340	15.93	57562	yes	*			4072				
175 PCB 123L	338	23.49	193419	1.64	311321	0.18189		0	2977	no	1.936	92
	340	23.50	117901	yes	*			1128				
176 PCB 118L	338	23.77	191062	1.63	308592	0.183139		0	2878	no	1.906	93
	340	23.76	117530	yes	*			1095				
177 PCB 114L	338	24.25	176019	1.62	285038	0.181847		0	2653	no	1.773	92
	340	24.25	109018	yes	*			1023				
178 PCB 105L	338	24.82	186139	1.64	299697	0.185999		0	2710	no	1.822	94
	340	24.81	113558	yes	*			1027				
179 PCB 126L	338	27.69	176054	1.56	288969	0.188323		0	2427	no	1.735	96
	340	27.67	112914	yes	*			935				
180 PCB 155L	372	19.60	95211	1.31	167787	0.135937		0	10699	no	1.404	69
	374	19.61	72576	yes	*			8352				
181 PCB 167L	372	29.50	182028	1.29	322626	0.173878		0	1672	no	2.11	88
	374	29.49	140598	yes	*			1791				
182 PCB 156L/157L	372	30.68	347677	1.28	619343	0.366625		0	2610	no	1.921	93
	374	30.69	271666	yes	*			2789				
183 PCB 169L	372	34.08	121024	1.26	217333	0.131015		0	1030	no	1.886	66
	374	34.06	96309	yes	*			1120				

184 PCB 188L	406	24.20	90097	1.1	172400	0.147464	0	4124	no	1.329	75
	408	24.20	82303	yes				4848			
185 PCB 180L	406	32.09	88222	1.06	171558	0.146066	0	2668	no	1.349	74
	408	32.09	83335	yes				2927			
186 PCB 170L	406	33.42	78781	1.08	151527	0.147424	0	2374	no	1.18	75
	408	33.42	72745	yes				2550			
187 PCB 189L	406	36.84	169960	1.05	331651	0.176516	0	3263	no	2.157	90
	408	36.83	161691	yes				3326			
188 PCB 202L	440	29.23	76122	0.92	159314	0.128868	0	1239	no	1.419	65
	442	29.27	83192	yes				4366			
189 PCB 205L	440	39.73	109680	0.9	231420	0.173519	0	1960	no	1.531	88
	442	39.73	121739	yes				3040			
190 PCB 208L	474	36.29	67396	0.79	153257	0.154435	0	2906	no	1.139	78
	476	36.28	85861	yes				3275			
191 PCB 206L	474	41.70	50718	0.82	112694	0.170354	0	2123	yes	0.76	86
	476	41.73	61976	yes				2294			
192 PCB 209L	510	43.54	59886	1.18	110623	0.175358	0	2867	no	0.724	89
	512	43.53	50737	yes				2564			
193 PCB 28L	268	14.40	218785	1.02	433179	0.216786	0.001	765	no	2.039	110
PCB Cleanup Standard	270	14.43	214394	yes				1050			
194 PCB 111L	338	21.83	142741	1.65	229196	0.193014	0	2700	no	1.343	98
PCB Cleanup Standard	340	21.84	86455	yes				3741			
195 PCB 178L	406	26.98	62179	1.05	121164	0.18798	0	2755	no	0.733	95
PCB Cleanup Standard	408	26.97	58985	yes				3298			
196 PCB 31L	268	NotFnd	*	*	*		0.001		no	1.934	
PCB Audit Standard	270	14.26	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0		no	0.946	
PCB Audit Standard	340	17.73	*	no							
198 PCB 153L	372	NotFnd	*	*	*		0		no	1.225	
PCB Audit Standard	374	25.40	*	no							
199 PCB 9L	234	11.17	1277432	1.61	2071206	10.47559	-	14544	no	-	-
PCB Recovery Standard	236	11.19	793774	yes				15490			
200 PCB 52L	302	15.36	426502	0.79	965508	7.547621	-	6608	no	-	-
PCB Recovery Standard	304	15.36	539007	yes				15037			
201 PCB 101L	338	19.76	536293	1.6	871224	7.826917	-	10730	no	-	-
PCB Recovery Standard	340	19.76	334931	yes				15254			
202 PCB 138L	372	26.57	490588	1.3	866568	7.942725	-	17221	no	-	-
PCB Recovery Standard	374	26.56	375980	yes				12028			
203 PCB 194L	440	39.18	416339	0.94	858204	7.832604	-	7345	no	-	-
PCB Recovery Standard	442	39.17	441866	yes				11222			
Chlorobiphenyls						0.205094	2	-0.00081			
Dichlorobiphenyls						0.214317	2	-0.00457			
Trichlorobiphenyls						0.426314	4	-0.00298			
Tetrachlorobiphenyls						0.300565	3	-0.00253			
Pentachlorobiphenyls						0.598986	6	-0.00297			
Hexachlorobiphenyls						0.498758	4	-0.00164			
Heptachlorobiphenyls						0.558578	6	-0.00266			
Octachlorobiphenyls						0.195136	2	-0.00354			
Nonachlorobiphenyls						0.194742	2	-0.00287			
Decachlorobiphenyl						0.150934	1	-0.00241			
PCB (total)						3.343424					

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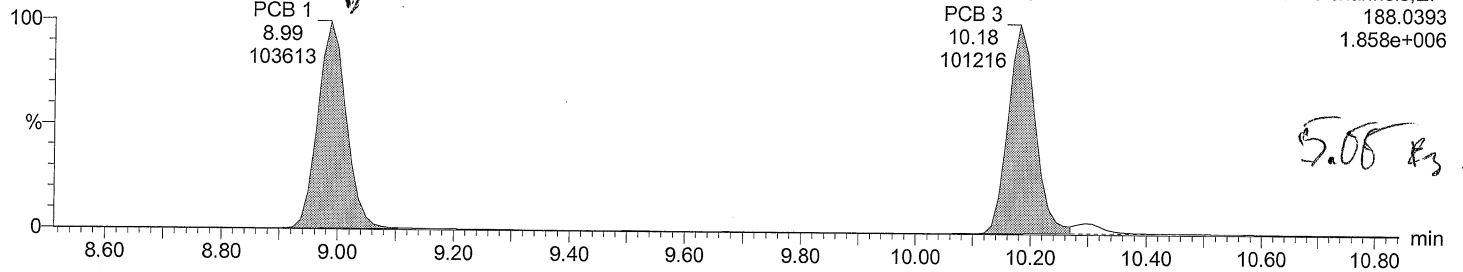
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ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

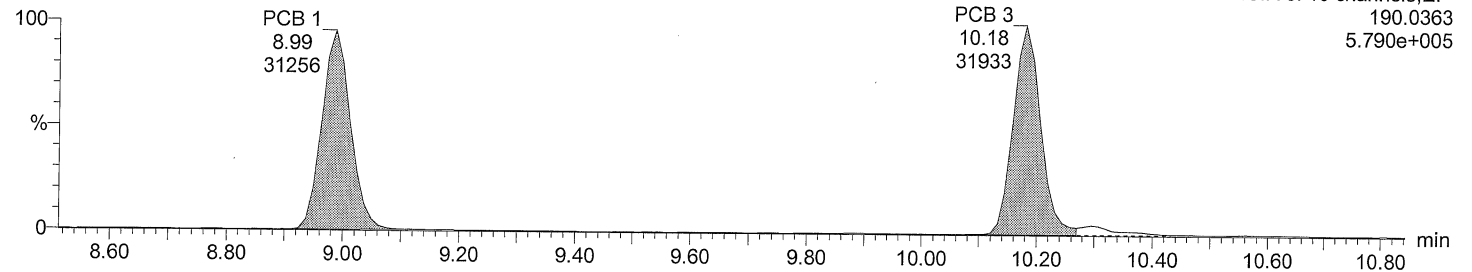
Total MoCB F1

M2160218DS004 Smooth(SG,3x1)



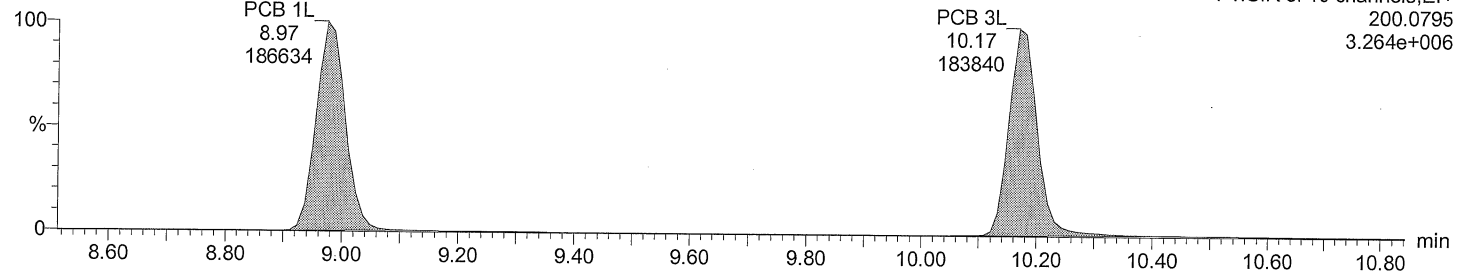
Total MoCB F1

M2160218DS004 Smooth(SG,3x1)



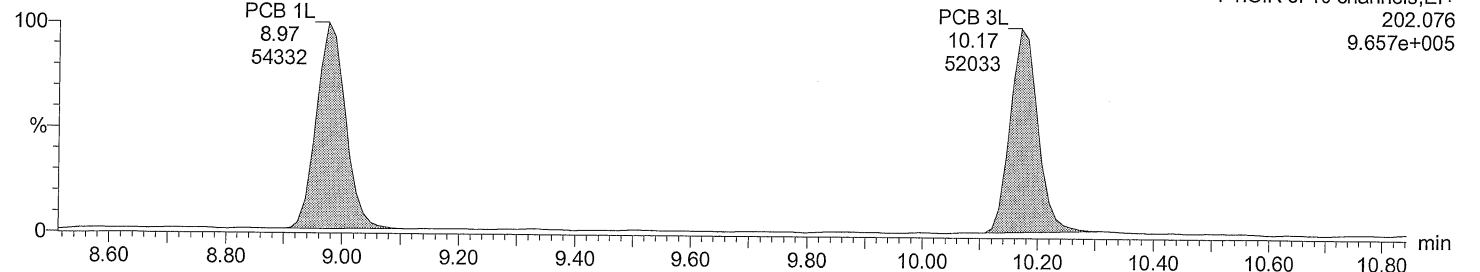
Total MoCB labeled F1

M2160218DS004 Smooth(SG,3x1)



Total MoCB labeled F1

M2160218DS004 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

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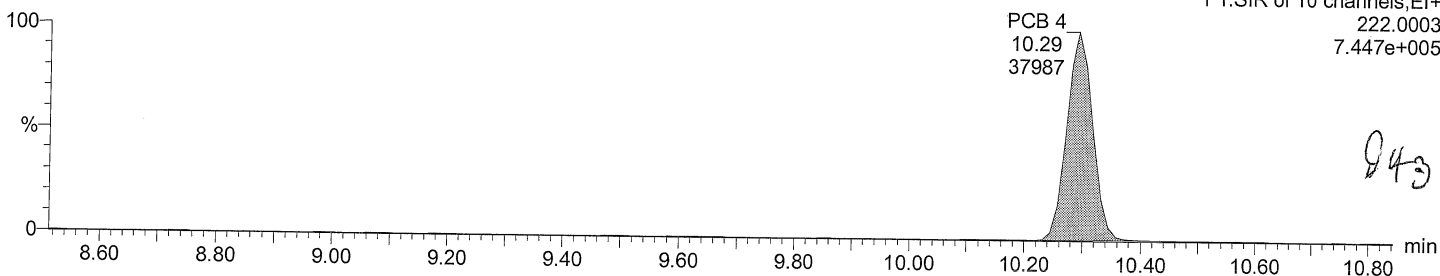
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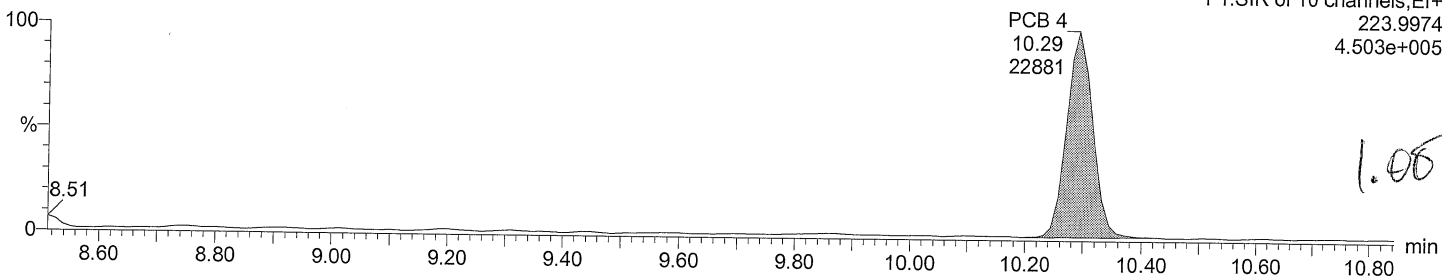
Total DiCB F1

M2160218DS004 Smooth(SG,3x1)



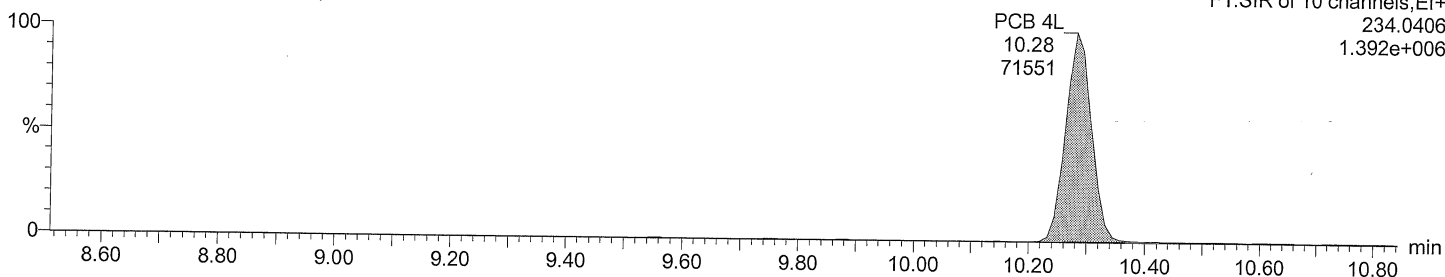
Total DiCB F1

M2160218DS004 Smooth(SG,3x1)



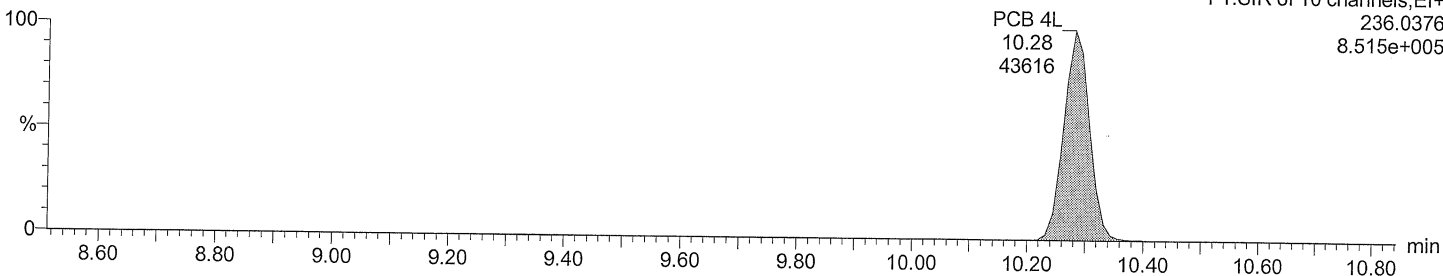
Total DiCB labeled F1

M2160218DS004 Smooth(SG,3x1)



Total DiCB labeled F1

M2160218DS004 Smooth(SG,3x1)



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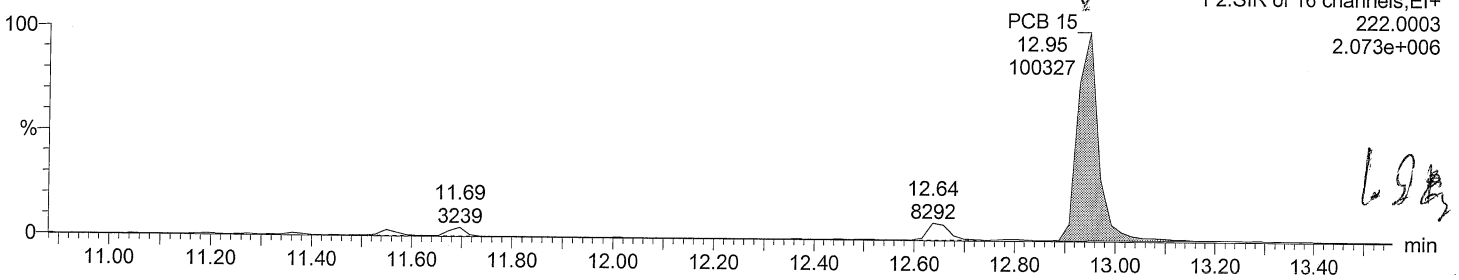
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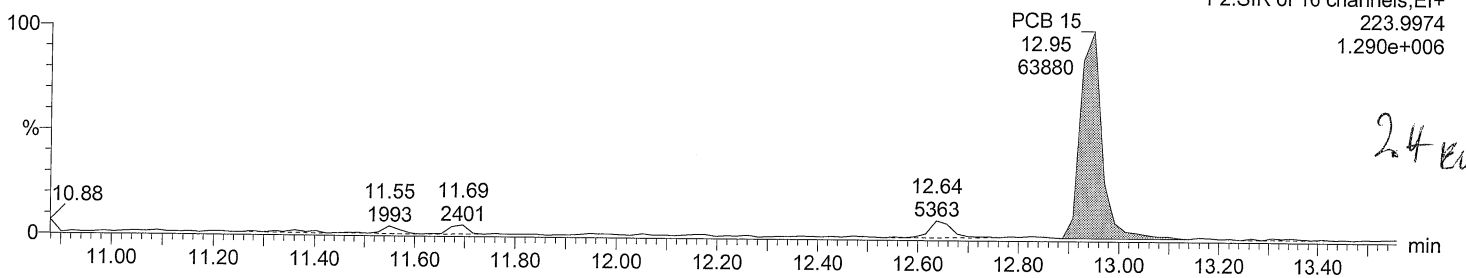
Total DiCB F2

M2160218DS004



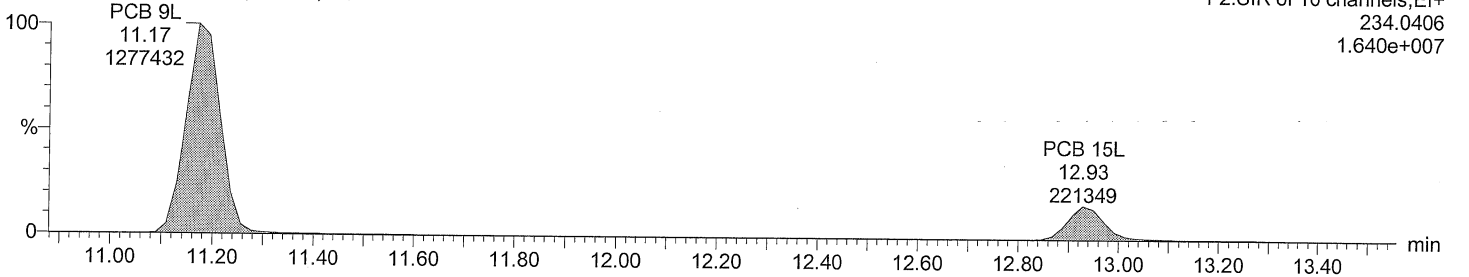
Total DiCB F2

M2160218DS004



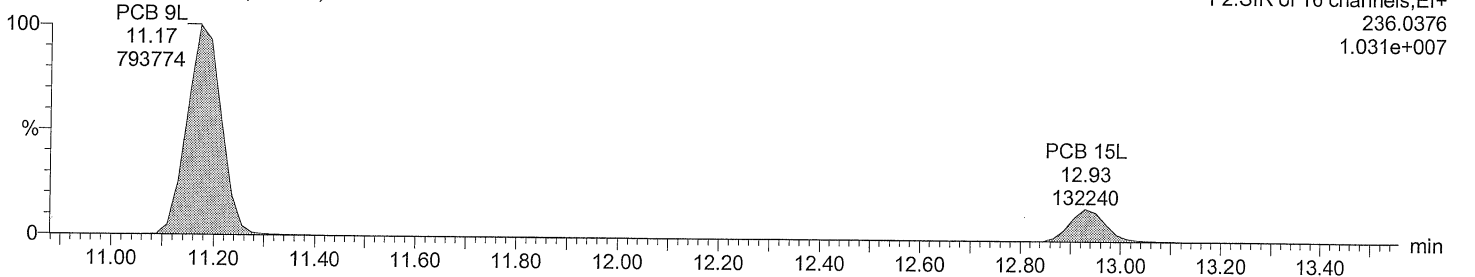
Total DiCB labeled F2

M2160218DS004 Smooth(SG,3x1)



Total DiCB labeled F2

M2160218DS004 Smooth(SG,3x1)



Acquired Date

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Description: SPIKE:D1

Vial: 4

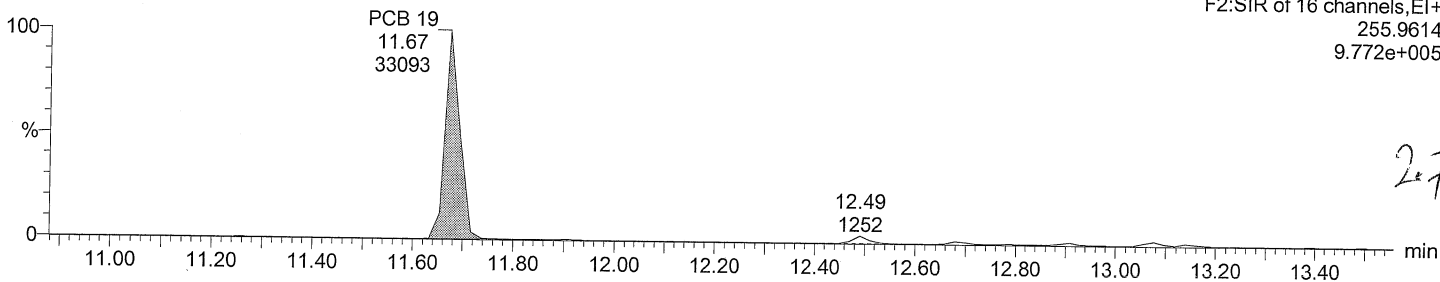
Date: 18-FEB-2016

Time: 20:57:58

Total TriCB F2

M2160218DS004

F2:SIR of 16 channels,EI+
255.9614
9.772e+005

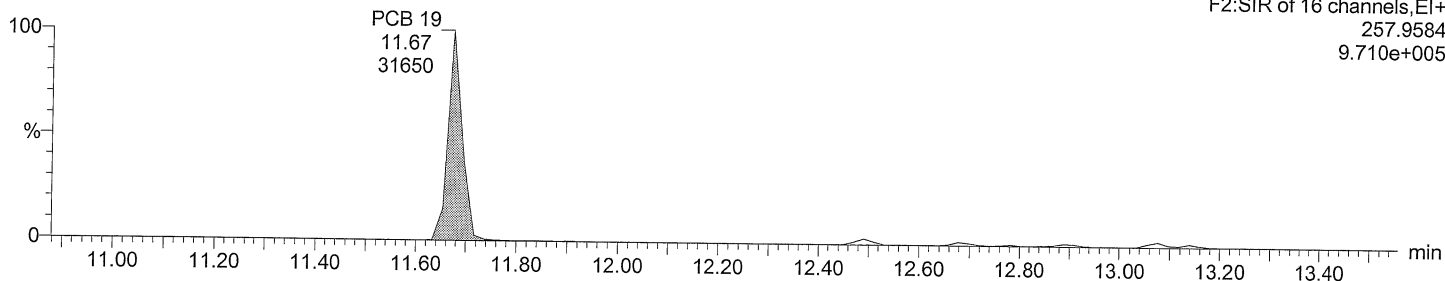


273

Total TriCB F2

M2160218DS004

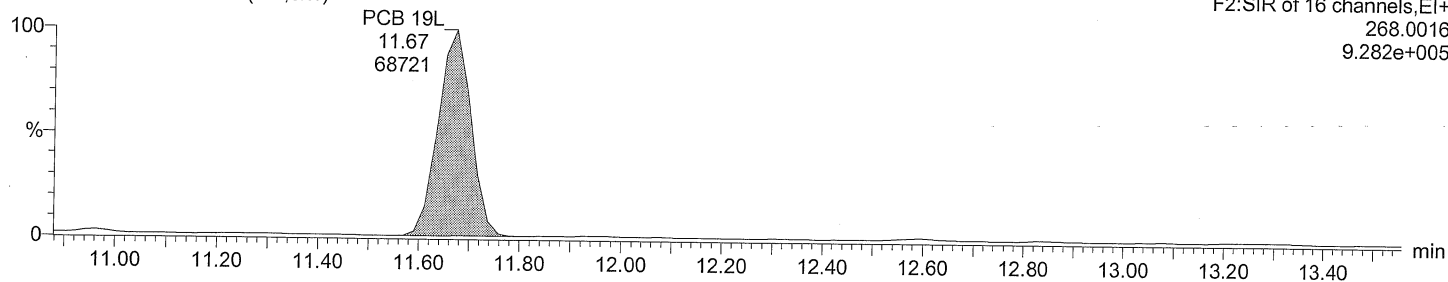
F2:SIR of 16 channels,EI+
257.9584
9.710e+005



Total TriCB labeled F2

M2160218DS004 Smooth(SG,3x1)

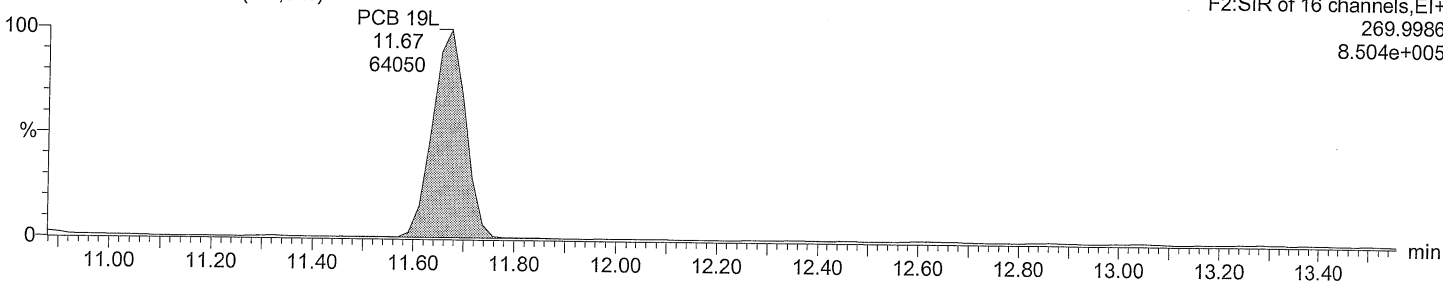
F2:SIR of 16 channels,EI+
268.0016
9.282e+005



Total TriCB labeled F2

M2160218DS004 Smooth(SG,3x1)

F2:SIR of 16 channels,EI+
269.9986
8.504e+005



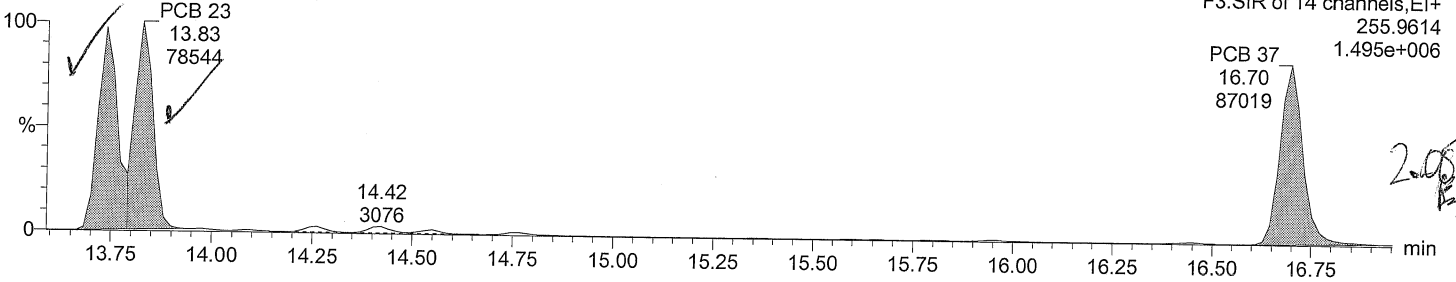
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Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

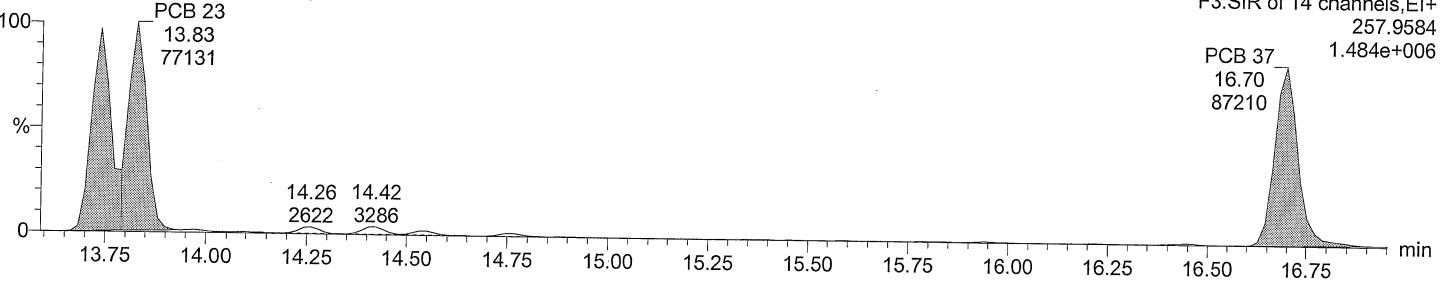
Total TriCB F3

M2160218DS004 Smooth(SG,1x1)



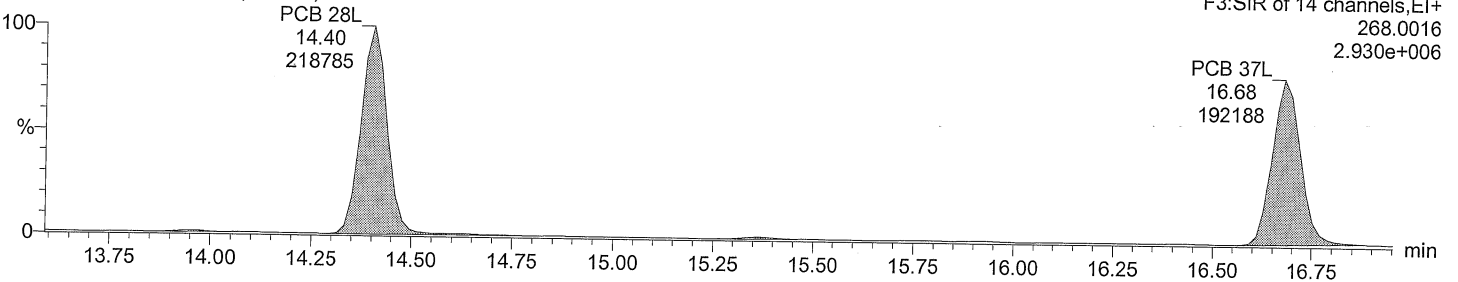
Total TriCB F3

M2160218DS004 Smooth(SG,1x1)



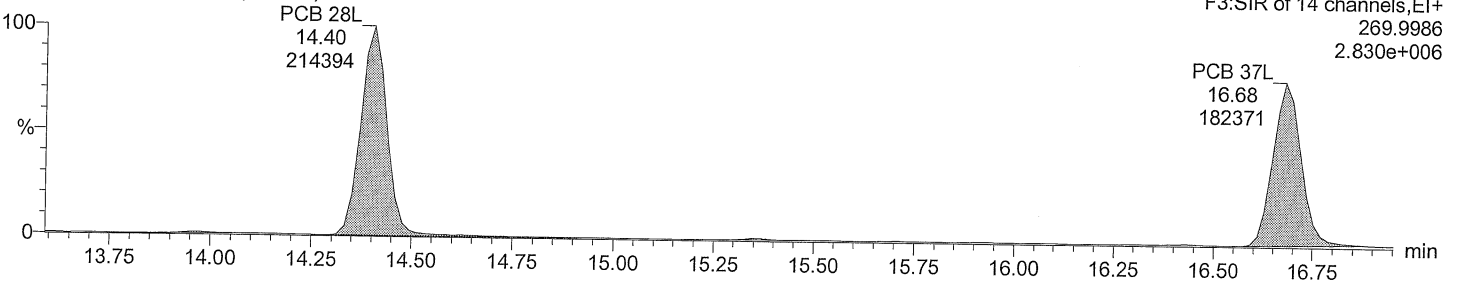
Total TriCB labeled F3

M2160218DS004 Smooth(SG,3x1)



Total TriCB labeled F3

M2160218DS004 Smooth(SG,3x1)



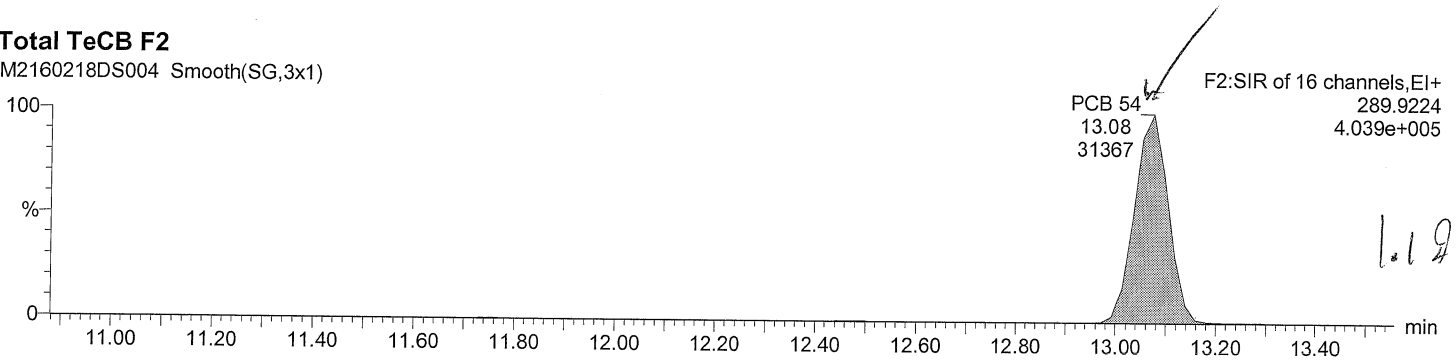
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Vial: 4
Date: 18-FEB-2016
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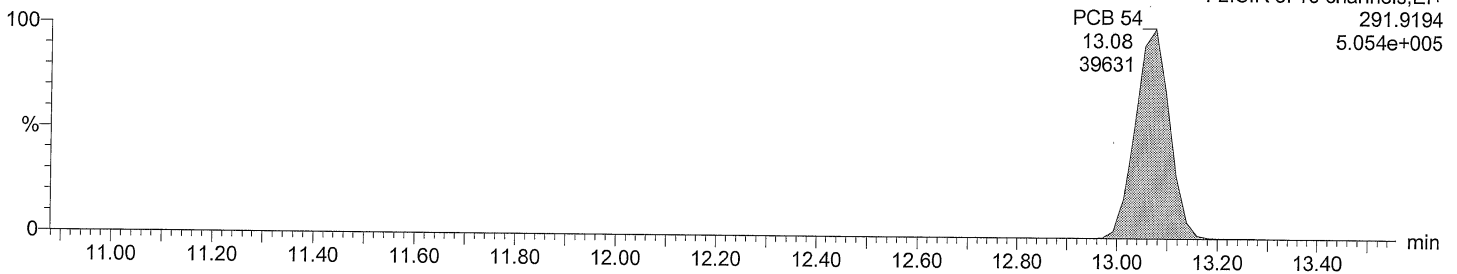
Total TeCB F2

M2160218DS004 Smooth(SG,3x1)



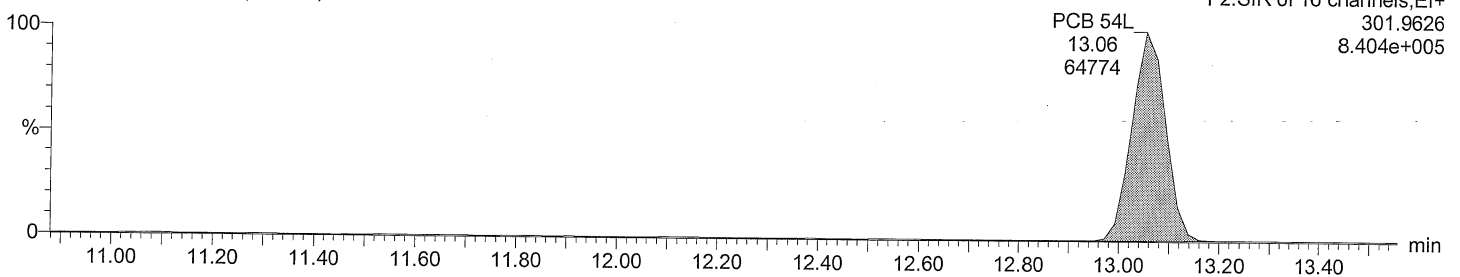
Total TeCB F2

M2160218DS004 Smooth(SG,3x1)



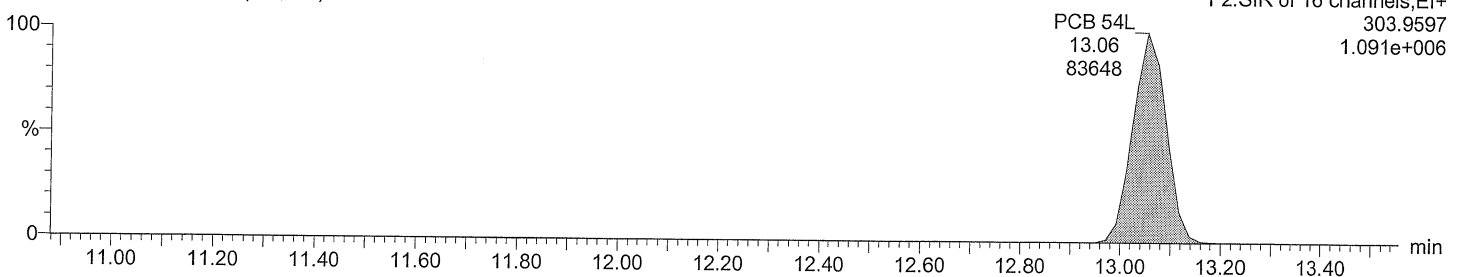
Total TeCB labeled F2

M2160218DS004 Smooth(SG,3x1)



Total TeCB labeled F2

M2160218DS004 Smooth(SG,3x1)



Acquired Date

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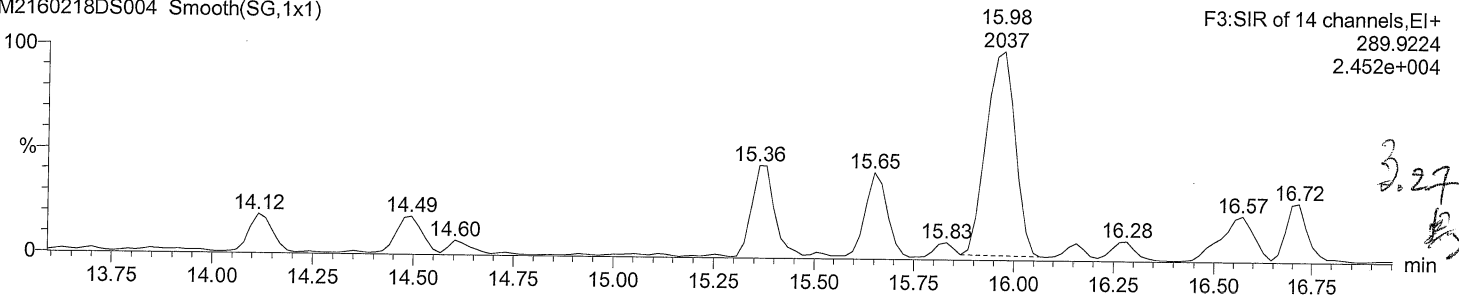
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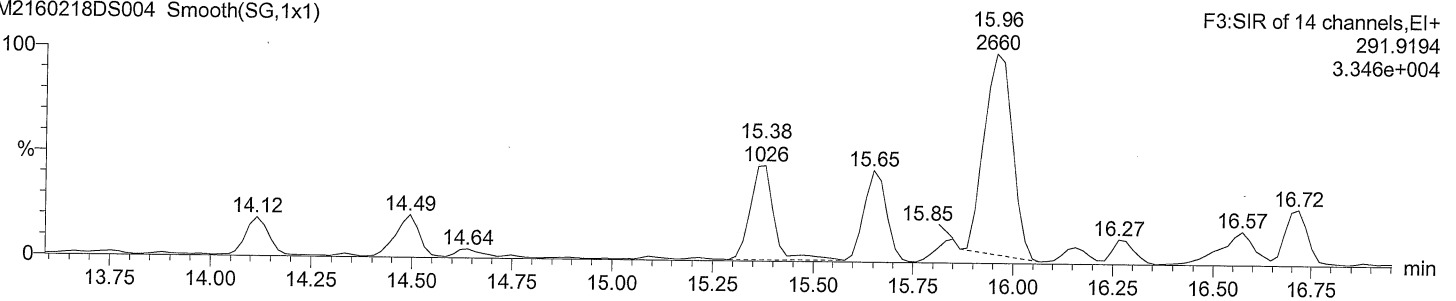
Total TeCB F3

M2160218DS004 Smooth(SG,1x1)



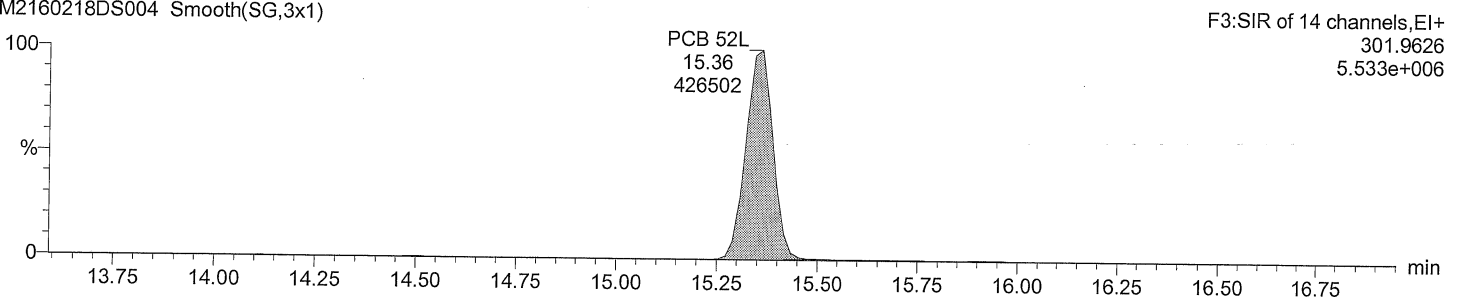
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M2160218DS004 Smooth(SG,1x1)



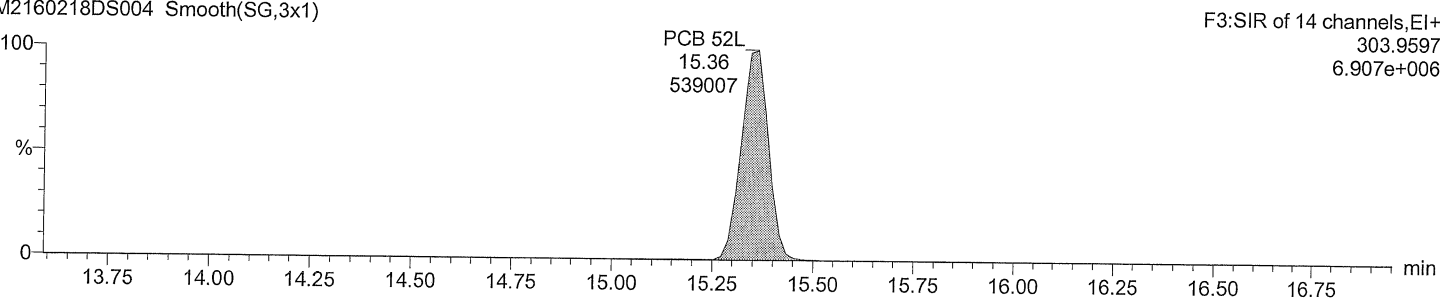
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M2160218DS004 Smooth(SG,3x1)



Total TeCB labeled F3

M2160218DS004 Smooth(SG,3x1)



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ID: WS#4386412/4378609, Ti

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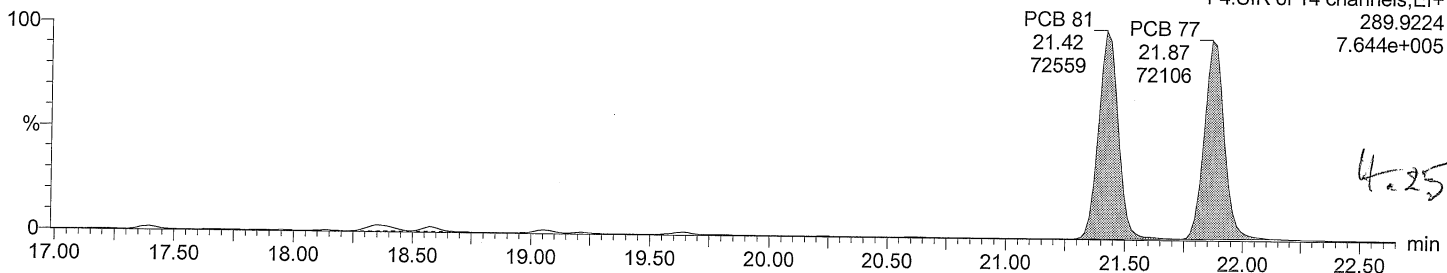
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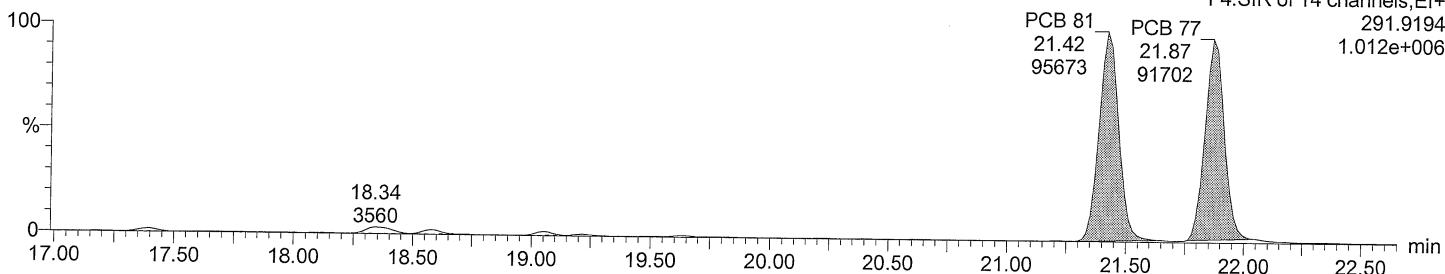
Total TeCB F4

M2160218DS004 Smooth(SG,3x1)



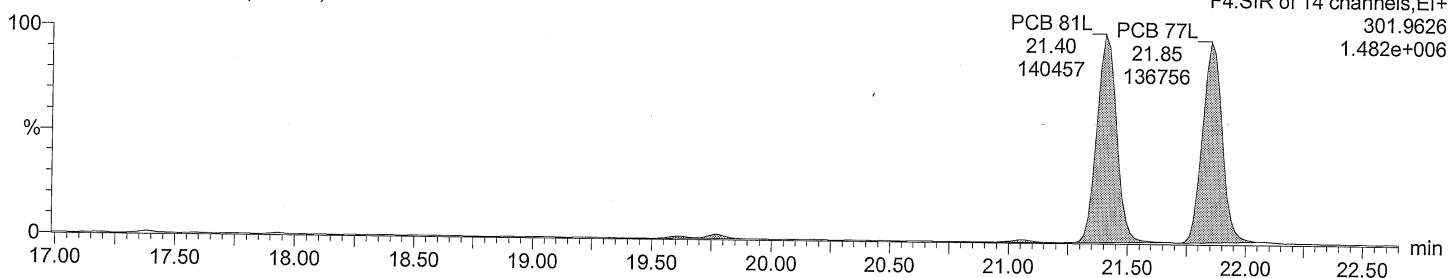
Total TeCB F4

M2160218DS004 Smooth(SG,3x1)



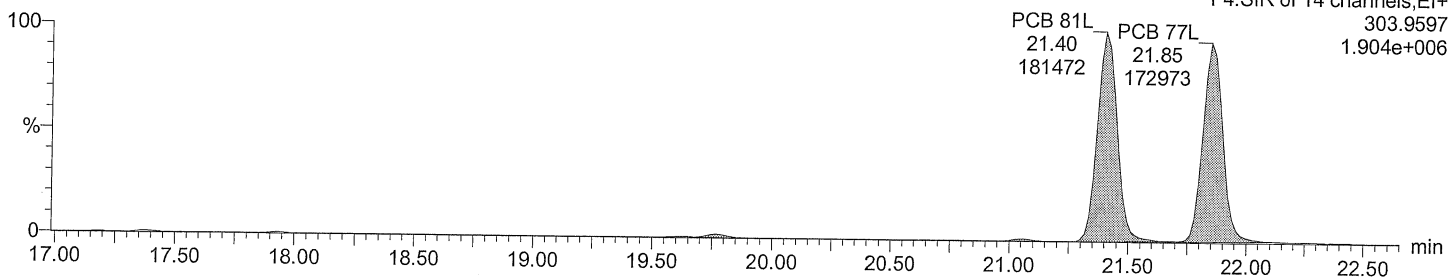
Total TeCB labeled F4

M2160218DS004 Smooth(SG,3x1)



Total TeCB labeled F4

M2160218DS004 Smooth(SG,3x1)



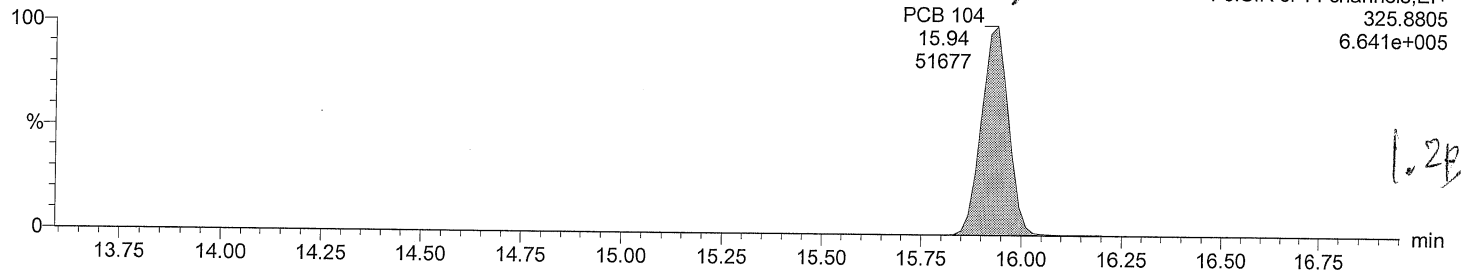
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ID: WS#4386412/4378609, Ti
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Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

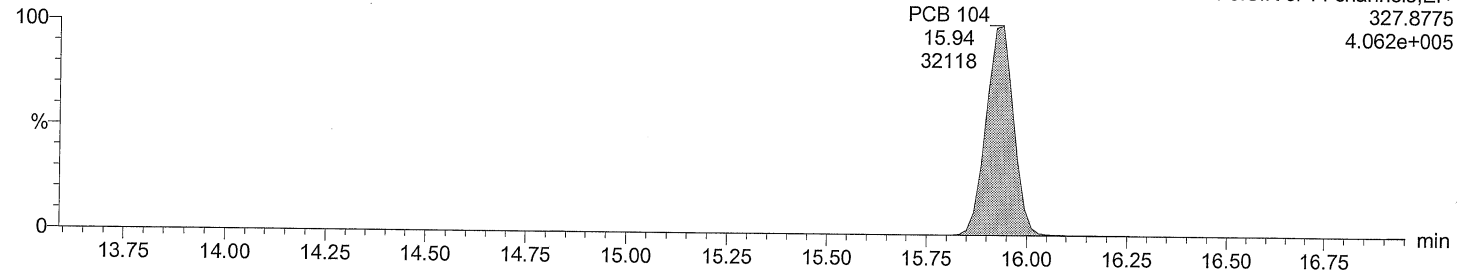
Total PeCB F3

M2160218DS004 Smooth(SG,3x1)



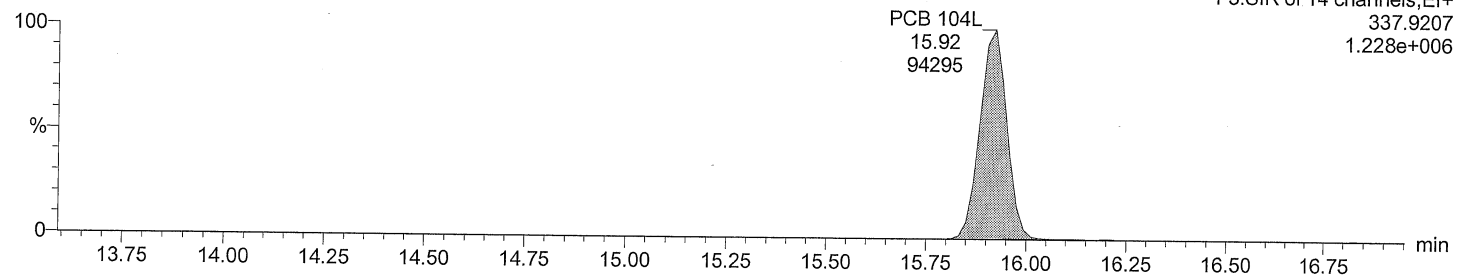
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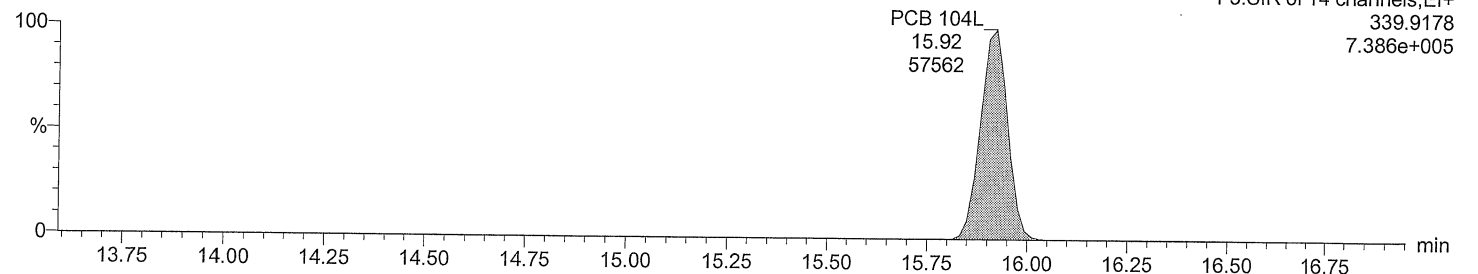
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M2160218DS004 Smooth(SG,3x1)



Total PeCB labeled F3

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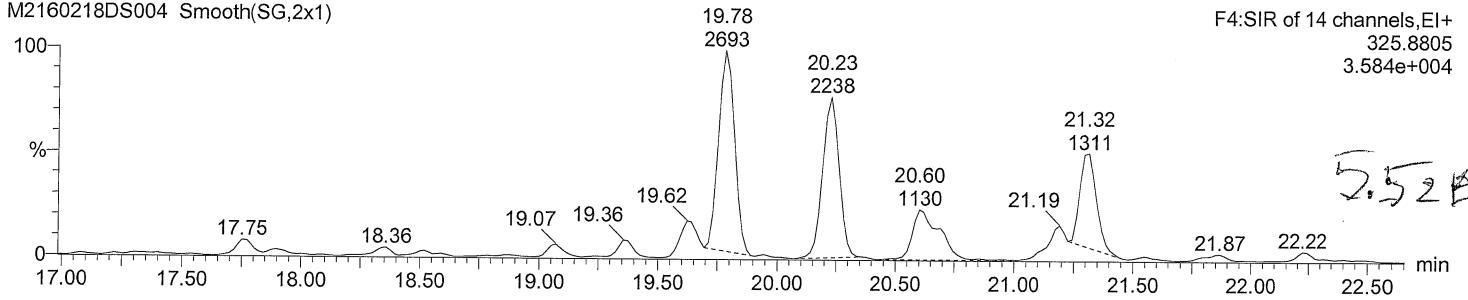


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Date: 18-FEB-2016
Time: 20:57:58

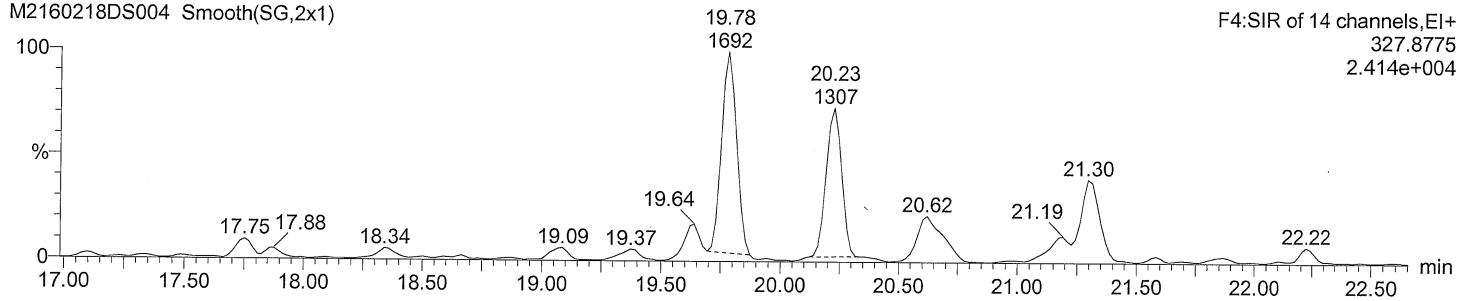
Total PeCB F4

M2160218DS004 Smooth(SG,2x1)



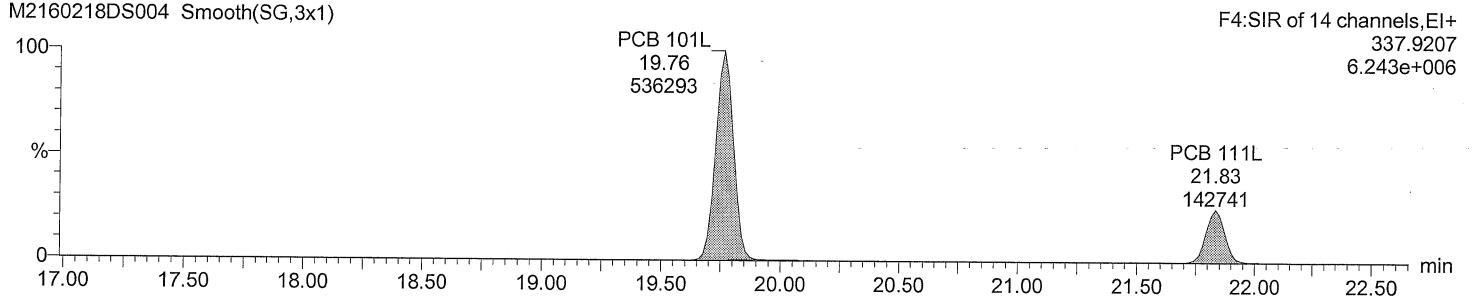
Total PeCB F4

M2160218DS004 Smooth(SG,2x1)



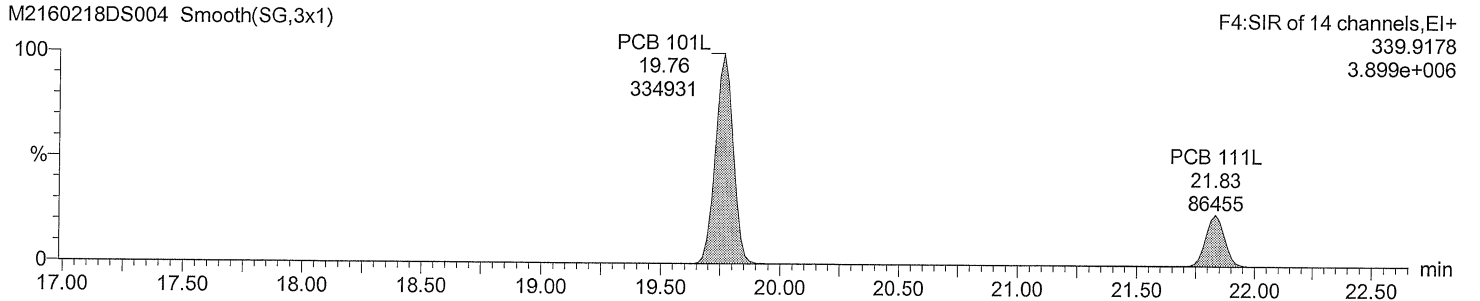
Total PeCB labeled F4

M2160218DS004 Smooth(SG,3x1)



Total PeCB labeled F4

M2160218DS004 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time

Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

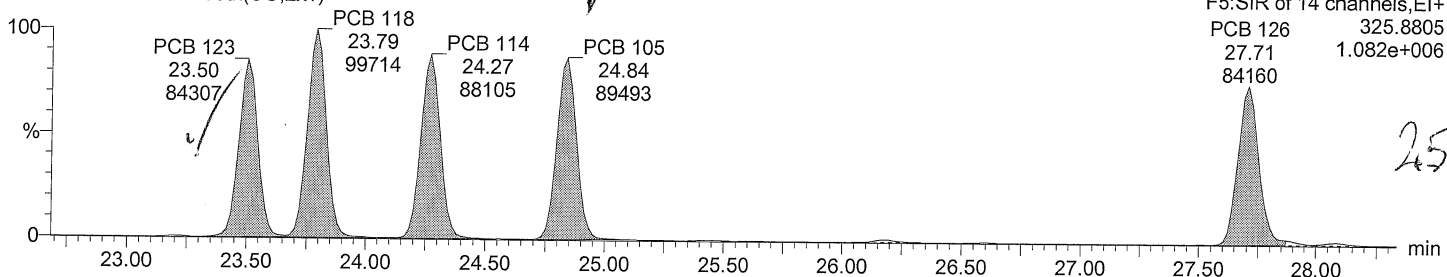
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

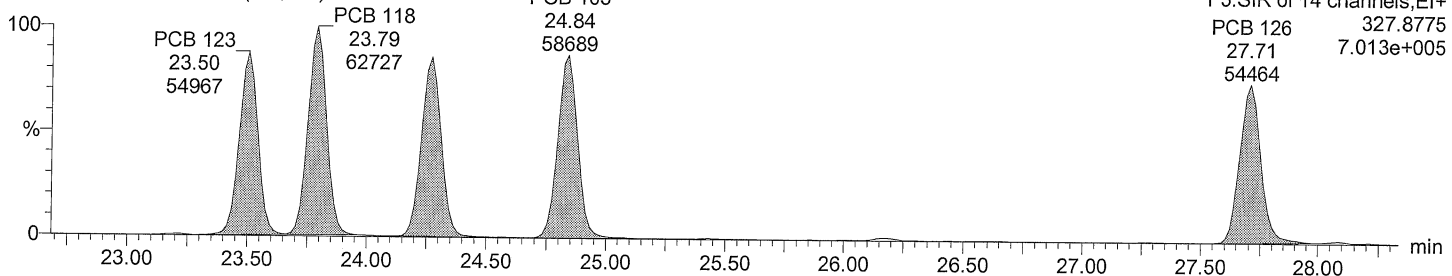
Total PeCB F5

M2160218DS004 Smooth(SG,2x1)



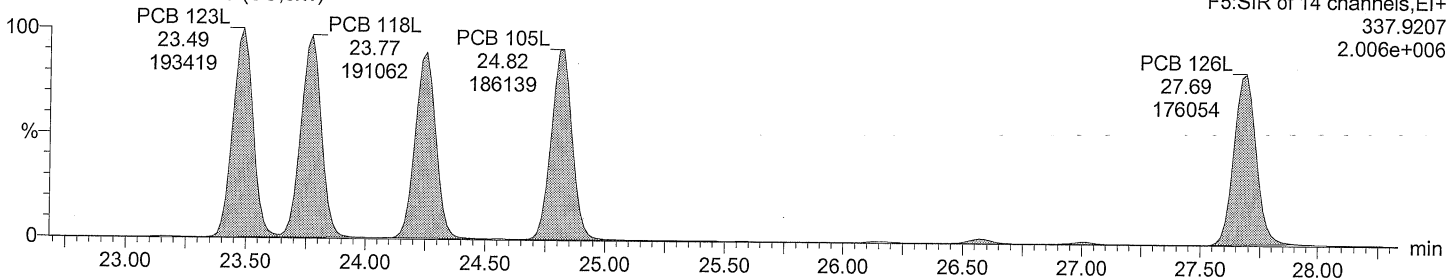
Total PeCB F5

M2160218DS004 Smooth(SG,2x1)



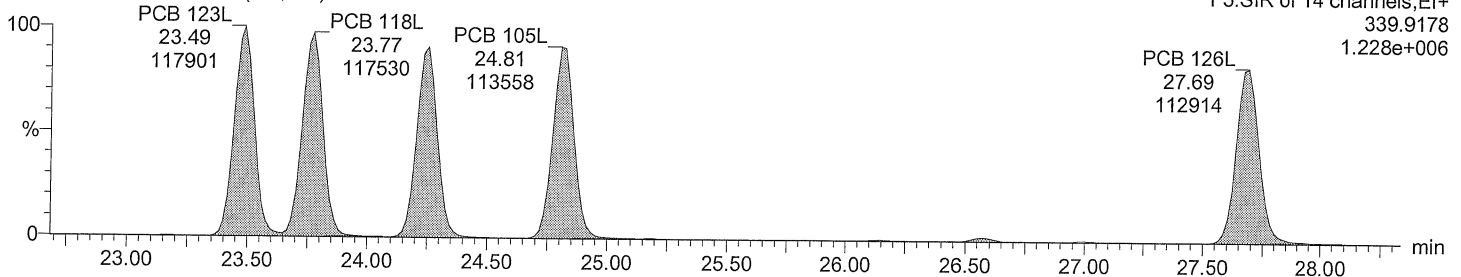
Total PeCB labeled F5

M2160218DS004 Smooth(SG,3x1)



Total PeCB labeled F5

M2160218DS004 Smooth(SG,3x1)



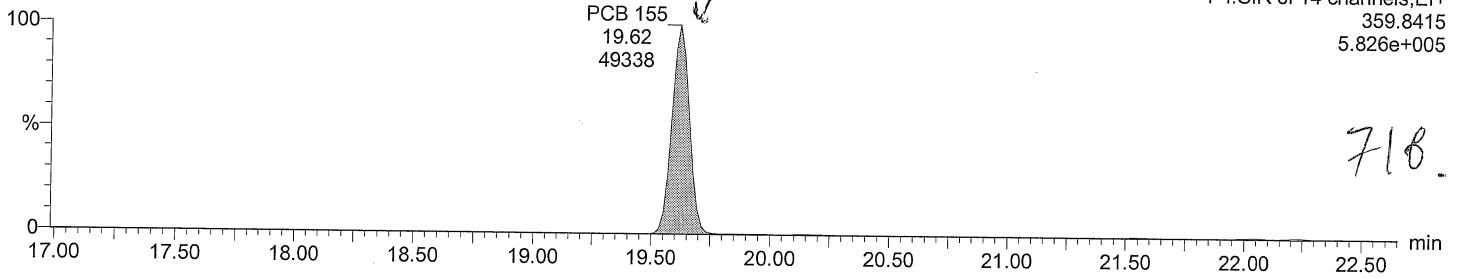
Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

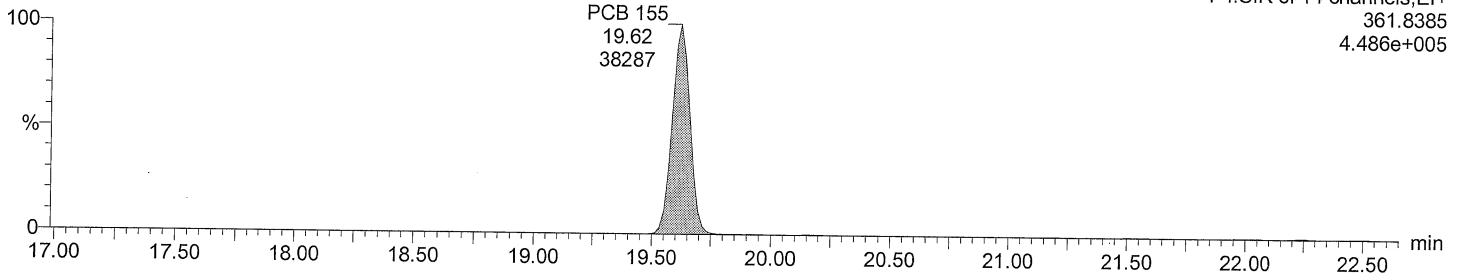
Total HxCB F4

M2160218DS004 Smooth(SG,3x1)



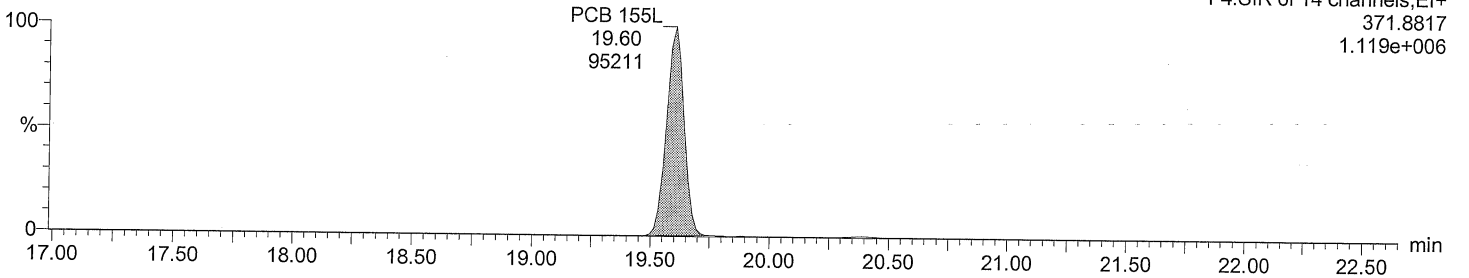
Total HxCB F4

M2160218DS004 Smooth(SG,3x1)



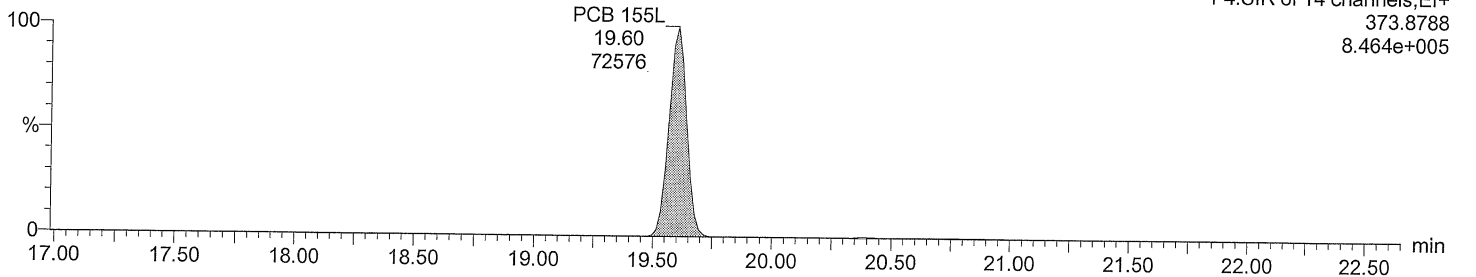
Total HxCB labeled F4

M2160218DS004 Smooth(SG,3x1)



Total HxCB labeled F4

M2160218DS004 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time

Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

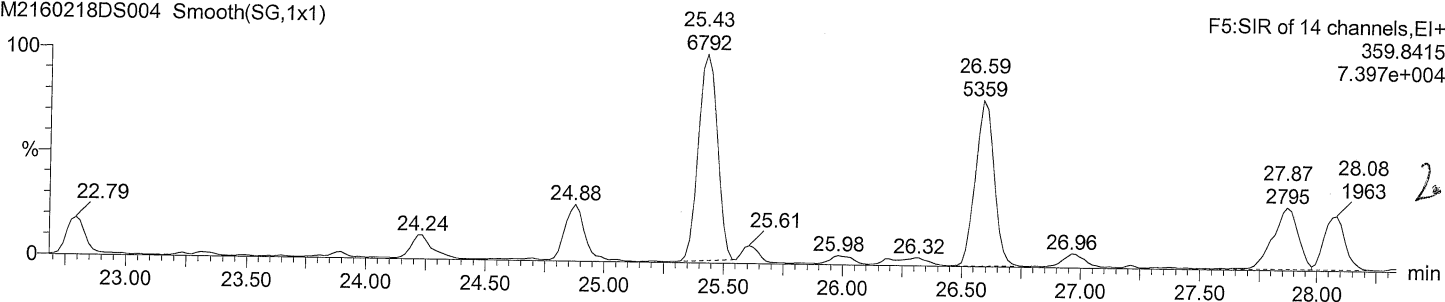
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

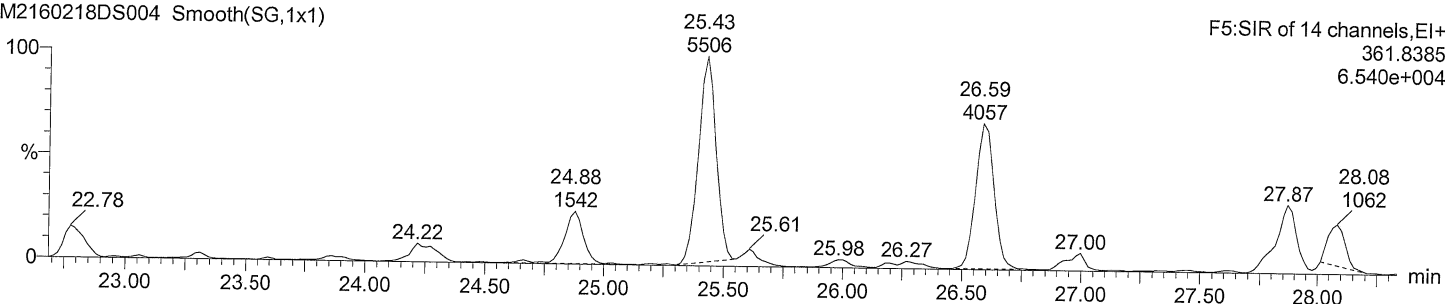
Total HxCB F5

M2160218DS004 Smooth(SG,1x1)



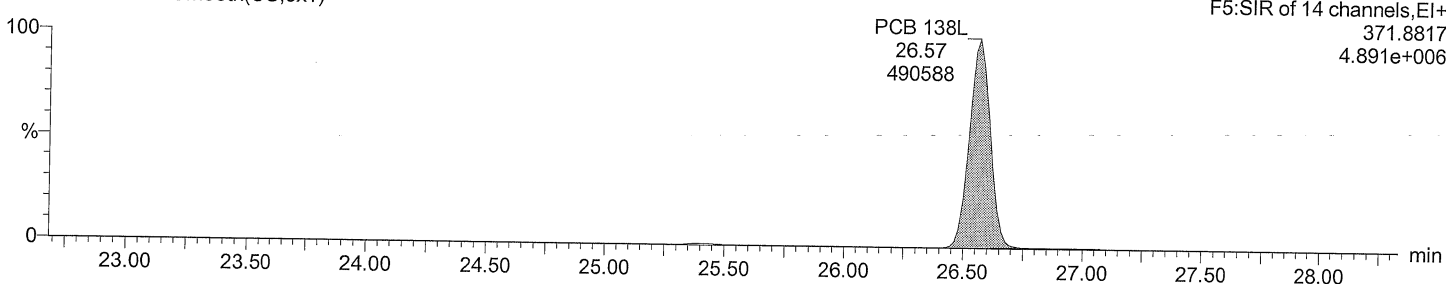
Total HxCB F5

M2160218DS004 Smooth(SG,1x1)



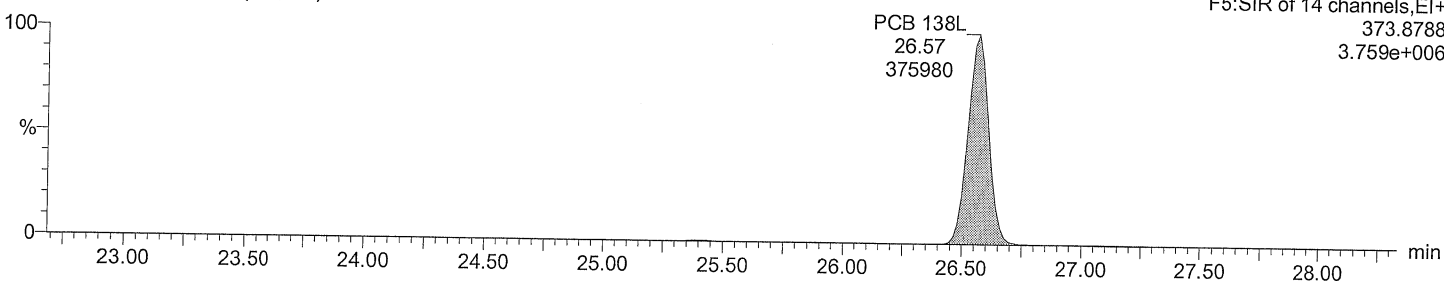
Total HxCB labeled F5

M2160218DS004 Smooth(SG,3x1)



Total HxCB labeled F5

M2160218DS004 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time

Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

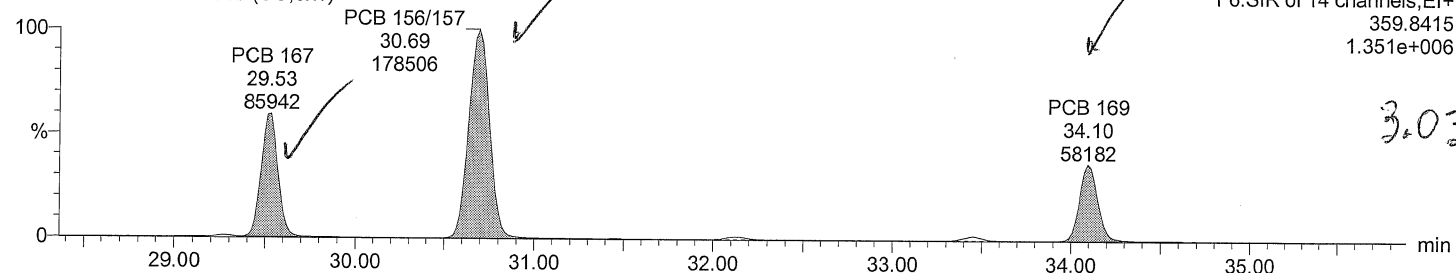
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

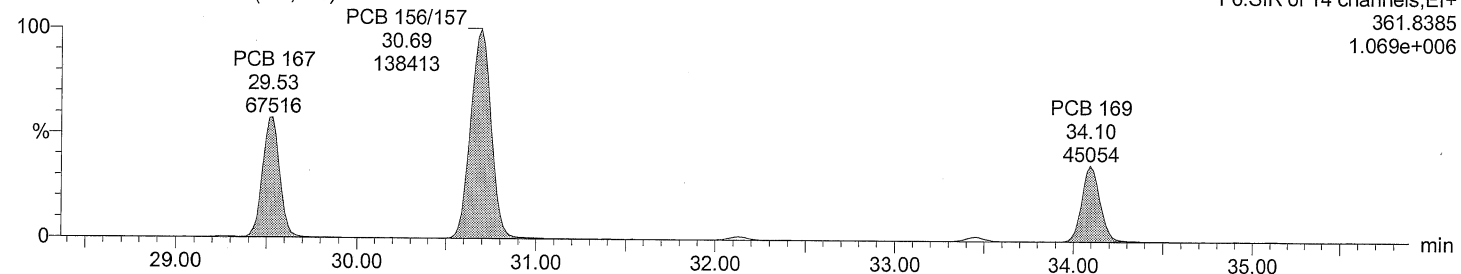
Total HxCB F6

M2160218DS004 Smooth(SG,3x1)



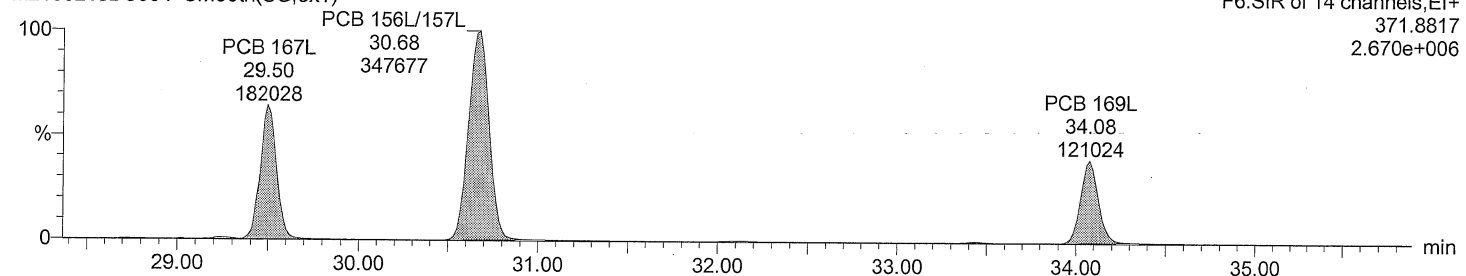
Total HxCB F6

M2160218DS004 Smooth(SG,3x1)



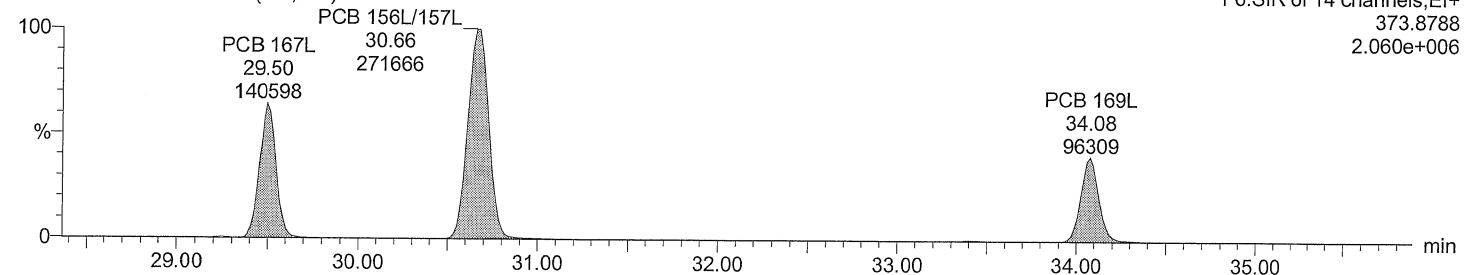
Total HxCB labeled F6

M2160218DS004 Smooth(SG,3x1)



Total HxCB labeled F6

M2160218DS004 Smooth(SG,3x1)

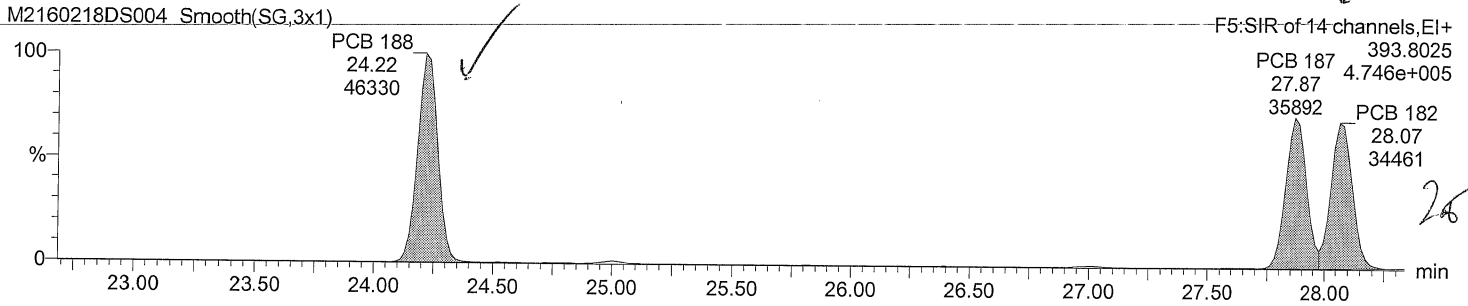


Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

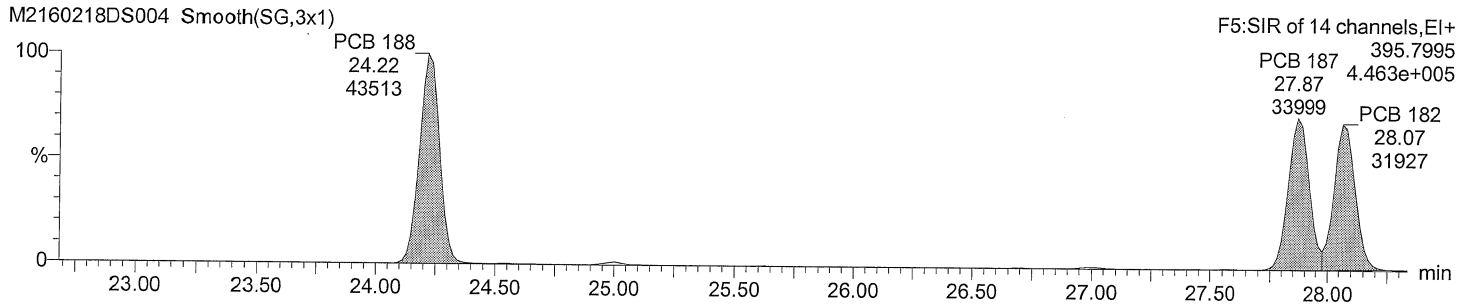
Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

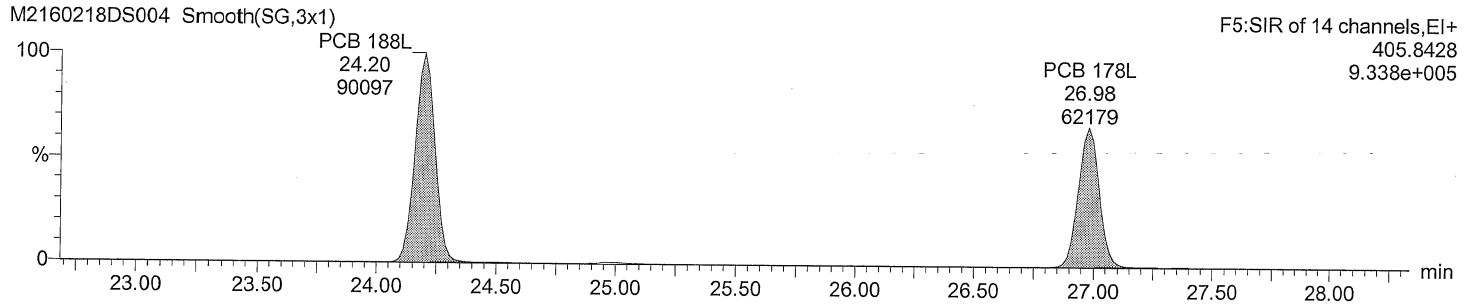
Total HpCB F5



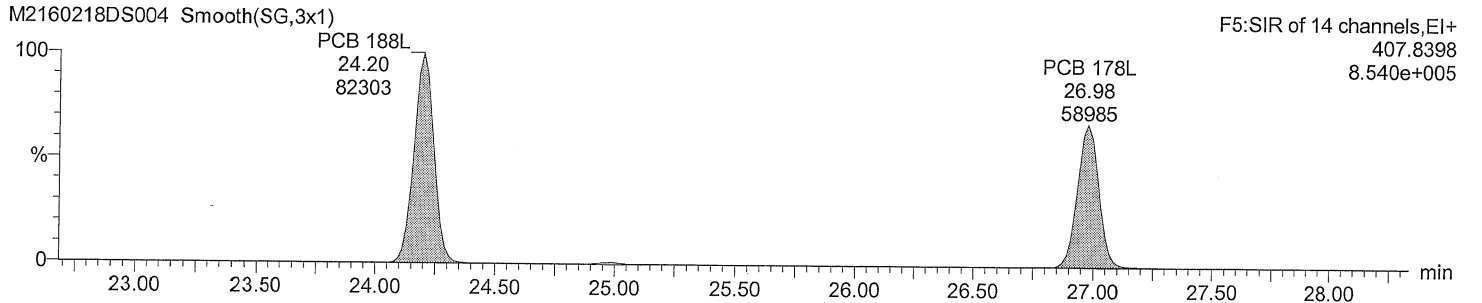
Total HpCB F5



Total HpCB labeled F5



Total HpCB labeled F5



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time

Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

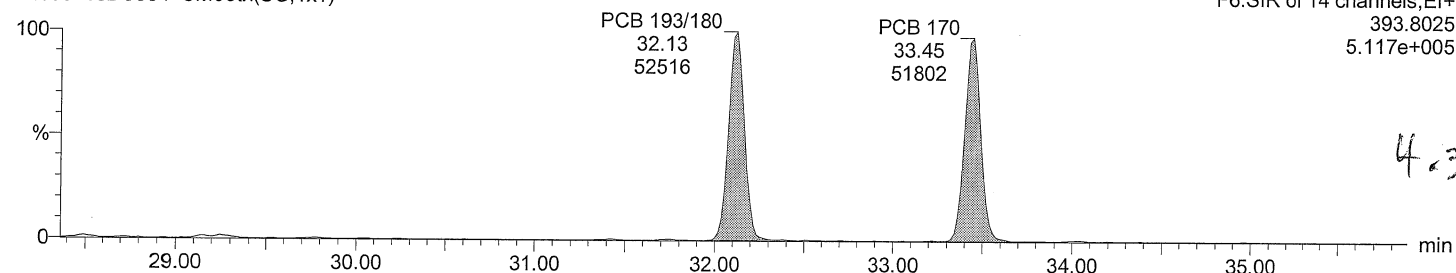
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

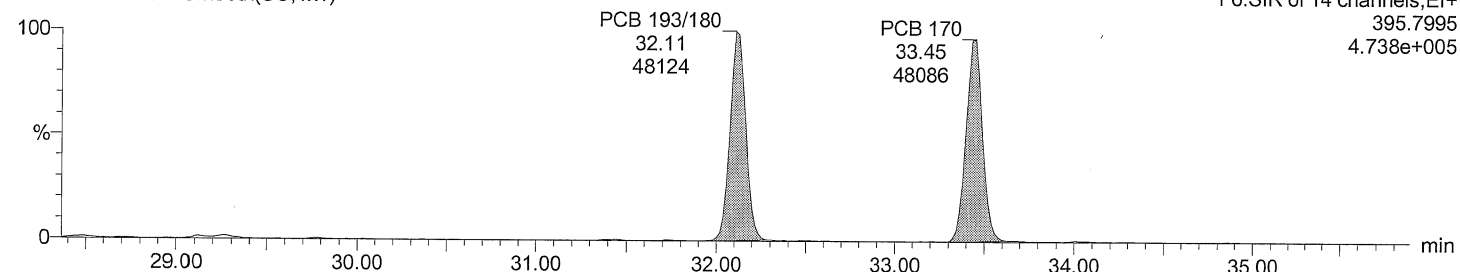
Total HpCB F6

M2160218DS004 Smooth(SG,1x1)



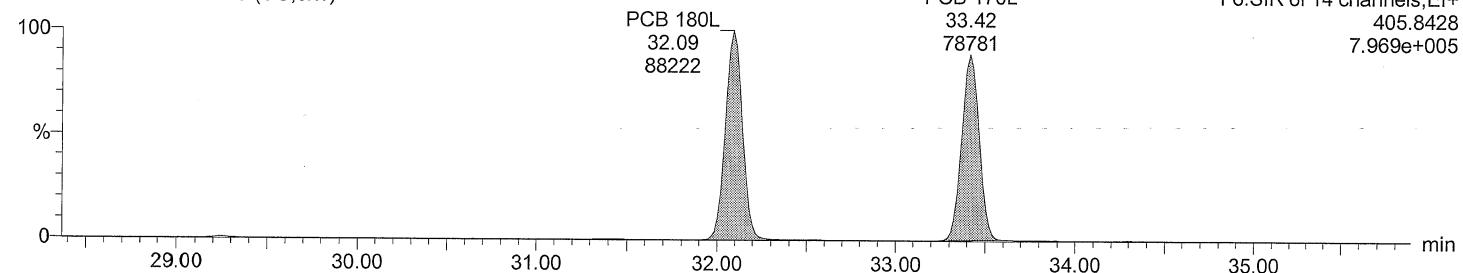
Total HpCB F6

M2160218DS004 Smooth(SG,1x1)



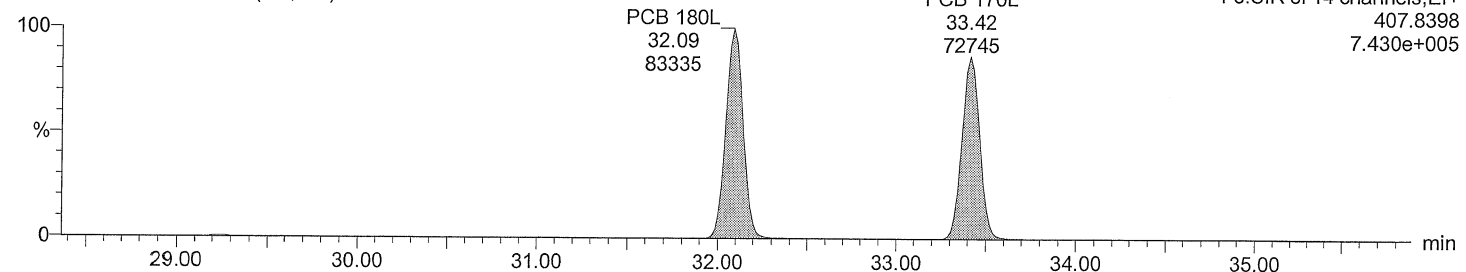
Total HpCB labeled F6

M2160218DS004 Smooth(SG,3x1)



Total HpCB labeled F6

M2160218DS004 Smooth(SG,3x1)



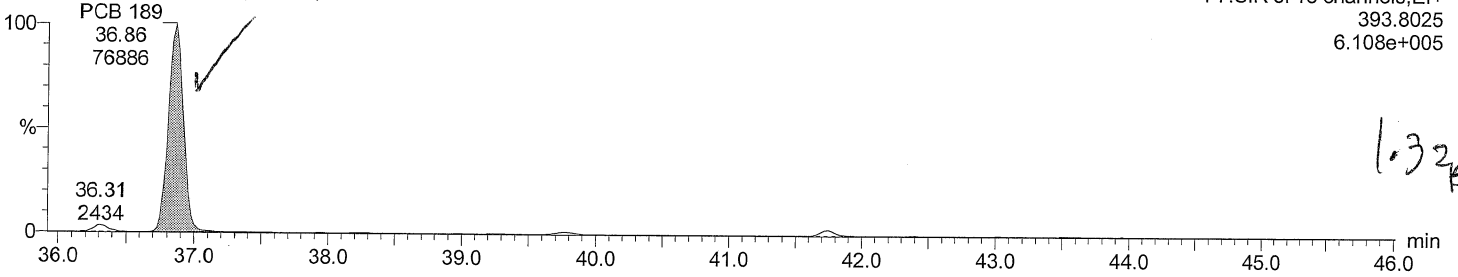
Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld
Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

Total HpCB F7

M2160218DS004 Smooth(SG,3x1)

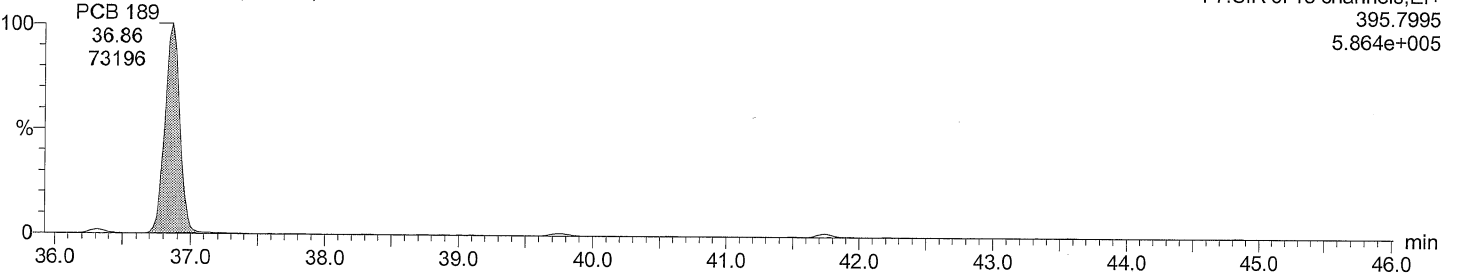
F7:SIR of 18 channels,EI+
393.8025
6.108e+005



Total HpCB F7

M2160218DS004 Smooth(SG,3x1)

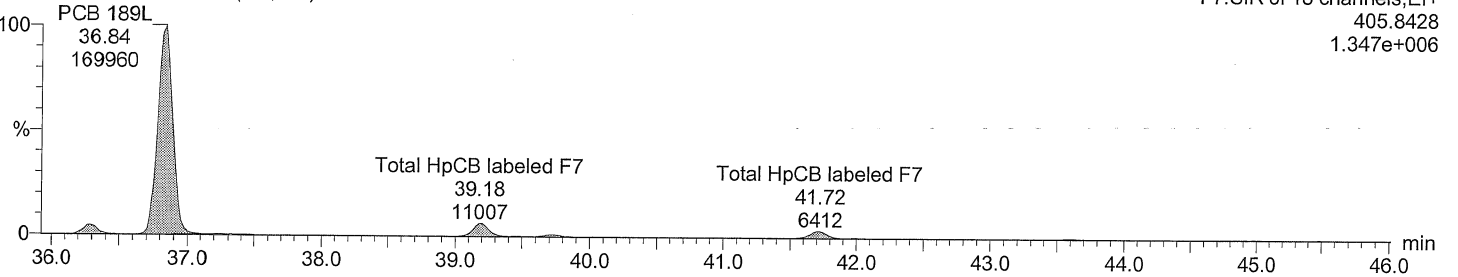
F7:SIR of 18 channels,EI+
395.7995
5.864e+005



Total HpCB labeled F7

M2160218DS004 Smooth(SG,3x1)

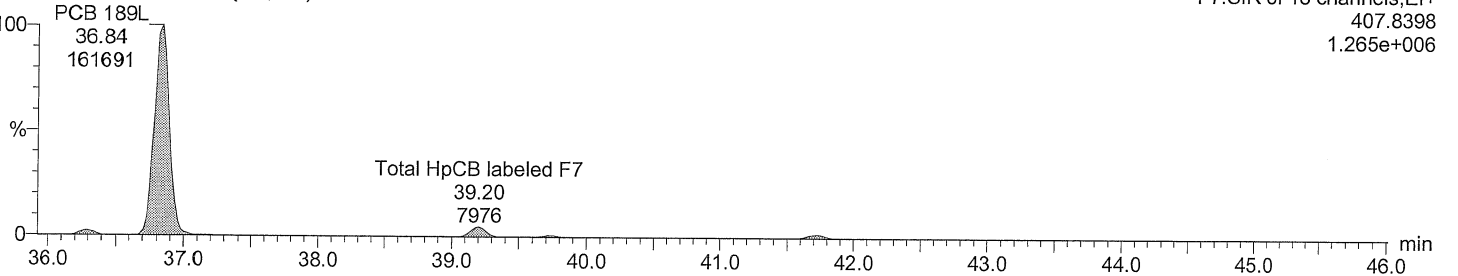
F7:SIR of 18 channels,EI+
405.8428
1.347e+006



Total HpCB labeled F7

M2160218DS004 Smooth(SG,3x1)

F7:SIR of 18 channels,EI+
407.8398
1.265e+006



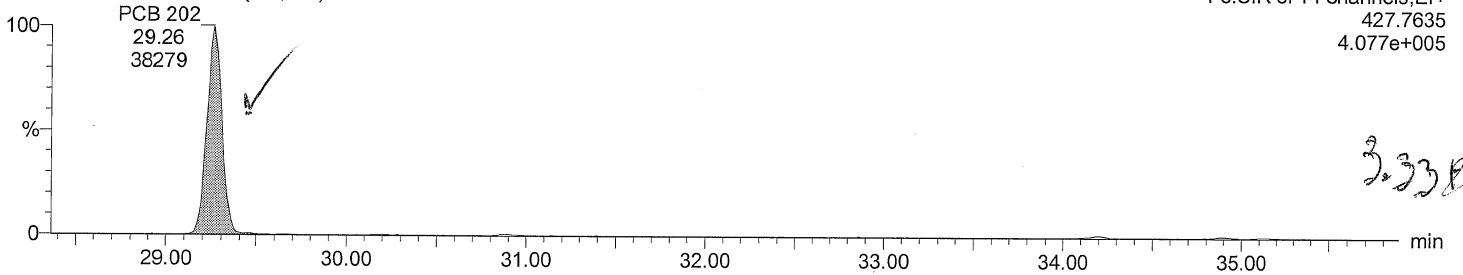
Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld
Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

Total OcCB F6

M2160218DS004 Smooth(SG,1x1)

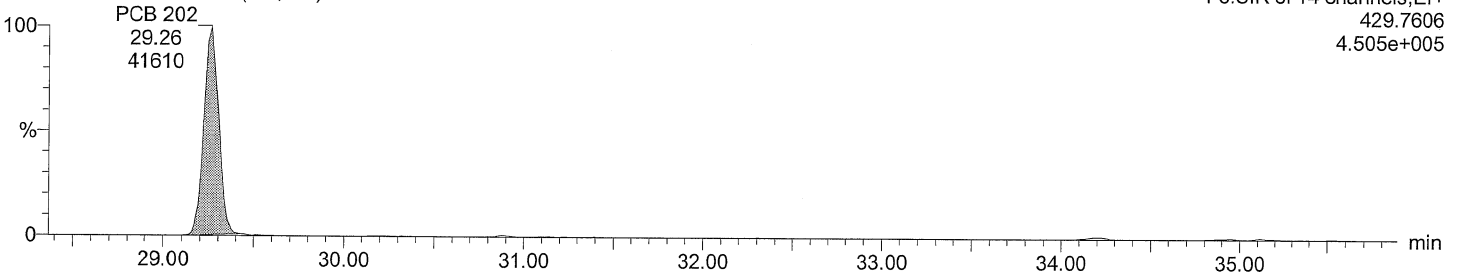
F6:SIR of 14 channels,EI+
427.7635
4.077e+005



Total OcCB F6

M2160218DS004 Smooth(SG,1x1)

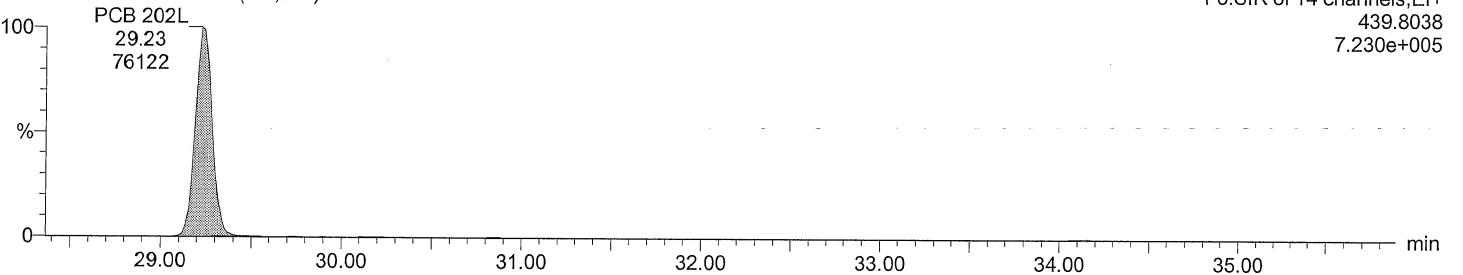
F6:SIR of 14 channels,EI+
429.7606
4.505e+005



Total OcCB labeled F6

M2160218DS004 Smooth(SG,3x1)

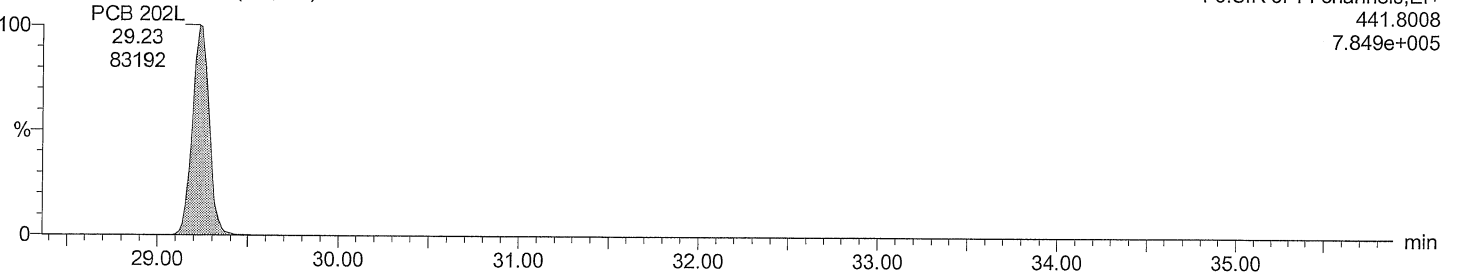
F6:SIR of 14 channels,EI+
439.8038
7.230e+005



Total OcCB labeled F6

M2160218DS004 Smooth(SG,3x1)

F6:SIR of 14 channels,EI+
441.8008
7.849e+005

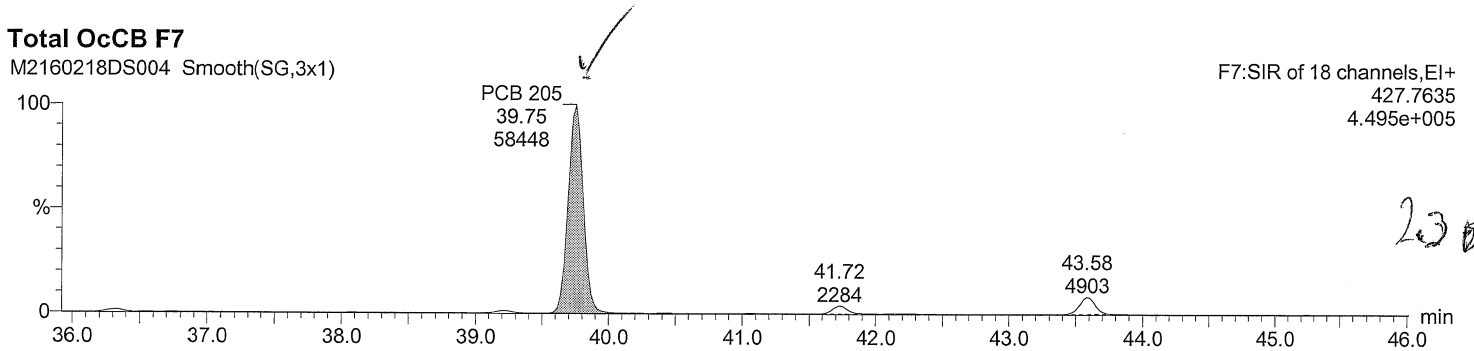


Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld
Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

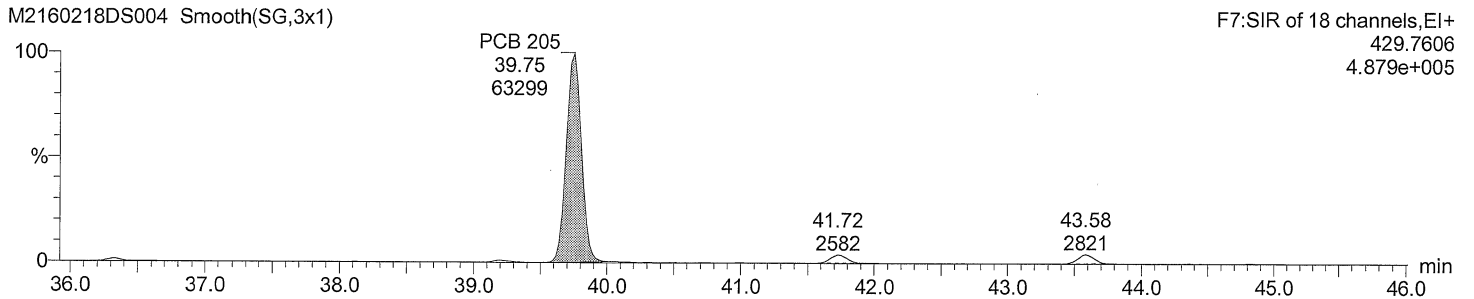
Total OocB F7

M2160218DS004 Smooth(SG,3x1)



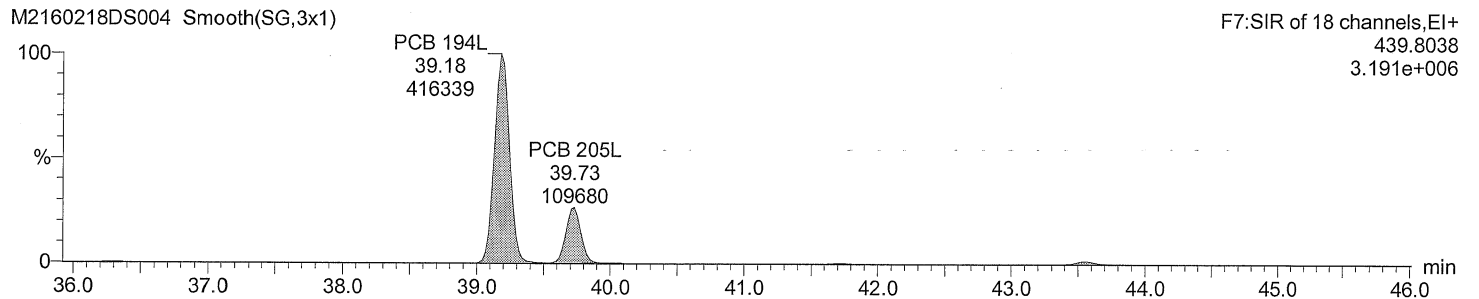
Total OocB F7

M2160218DS004 Smooth(SG,3x1)



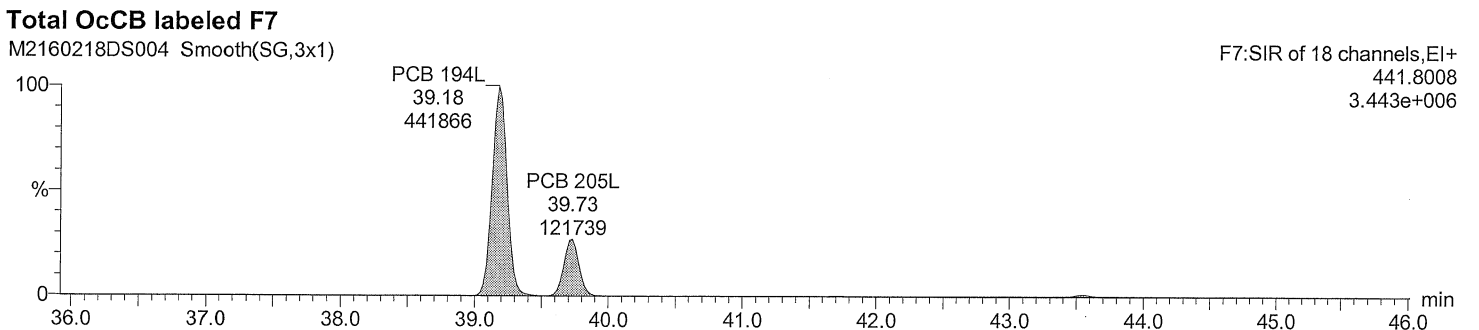
Total OocB labeled F7

M2160218DS004 Smooth(SG,3x1)



Total OocB labeled F7

M2160218DS004 Smooth(SG,3x1)

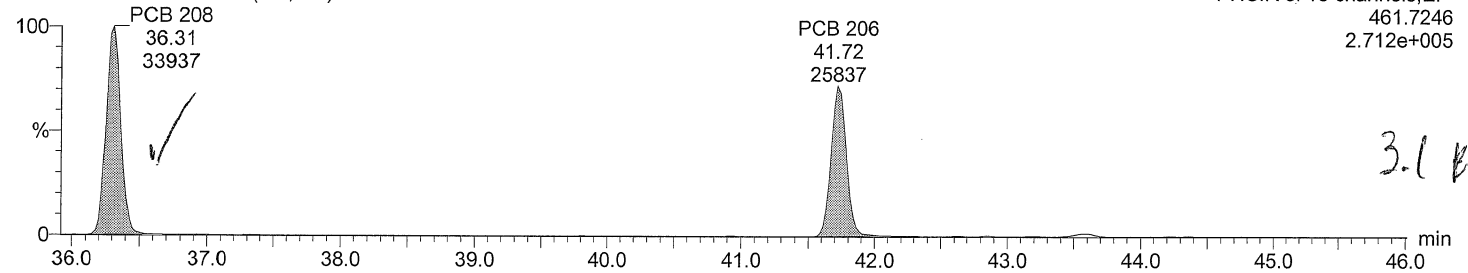


Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld
Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
Printed: February 19, 2016 05:17:01 PM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
Time: 20:57:58

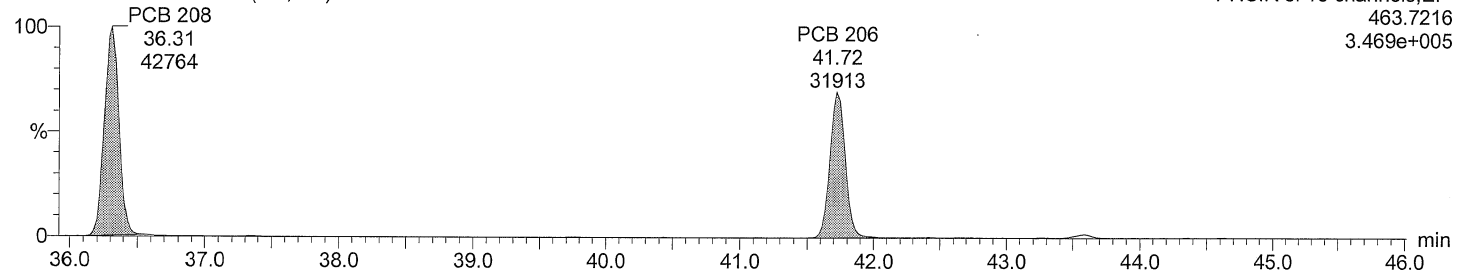
Total NoCB F7

M2160218DS004 Smooth(SG,3x1)



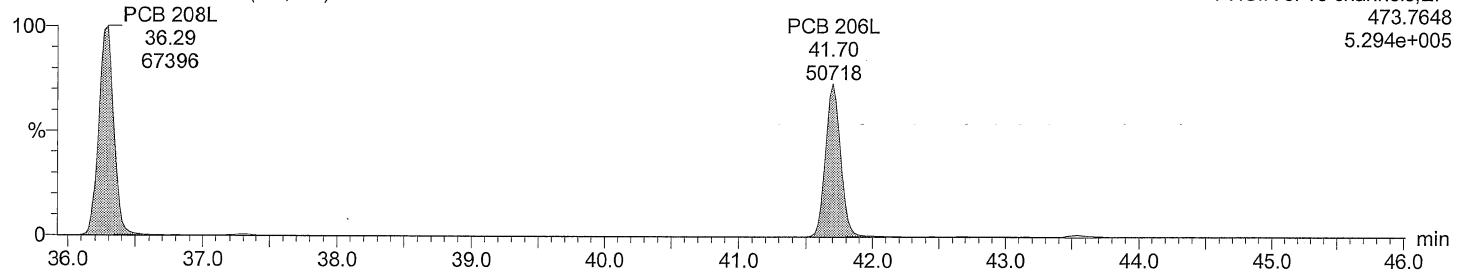
Total NoCB F7

M2160218DS004 Smooth(SG,3x1)



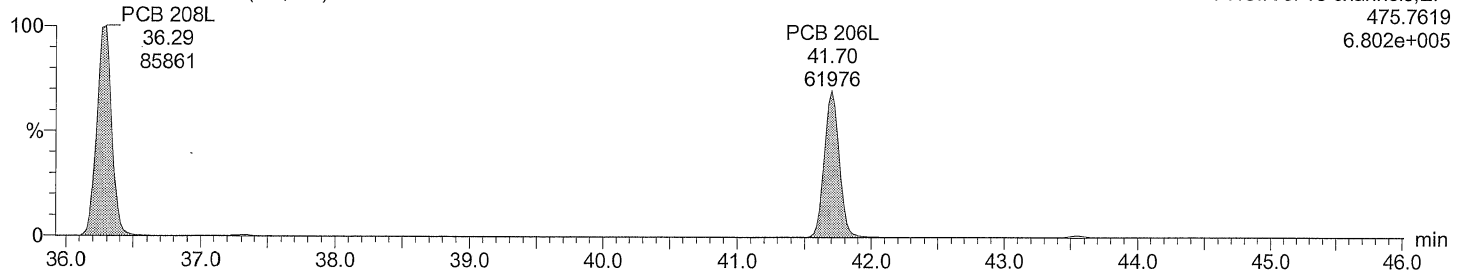
Total NoCB labeled F7

M2160218DS004 Smooth(SG,3x1)



Total NoCB labeled F7

M2160218DS004 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time

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ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

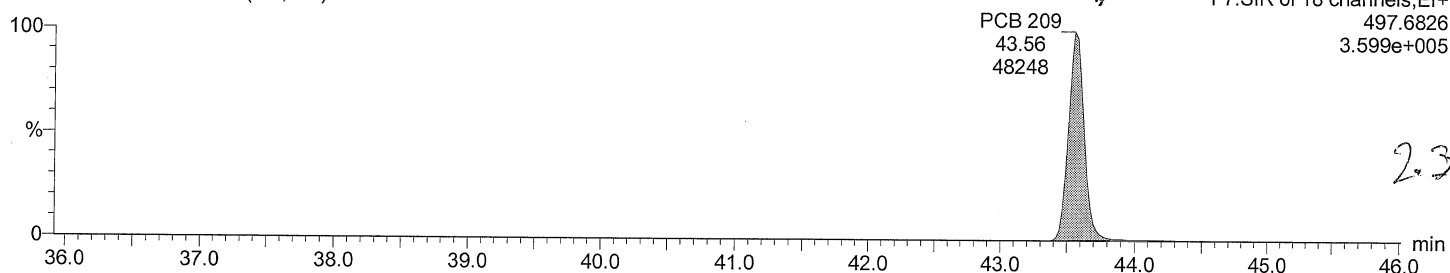
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

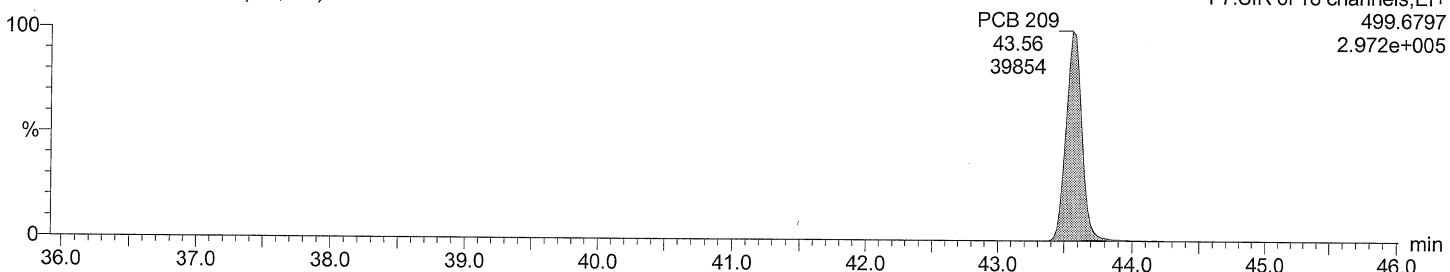
Total DeCB F7

M2160218DS004 Smooth(SG,3x1)



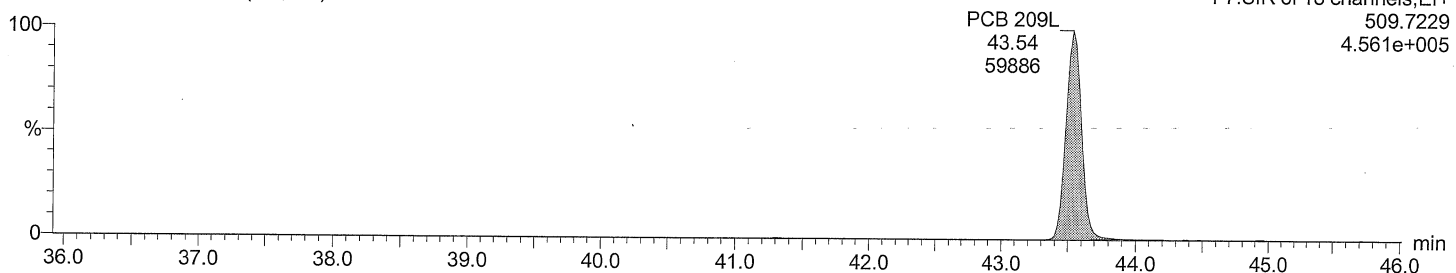
Total DeCB F7

M2160218DS004 Smooth(SG,3x1)



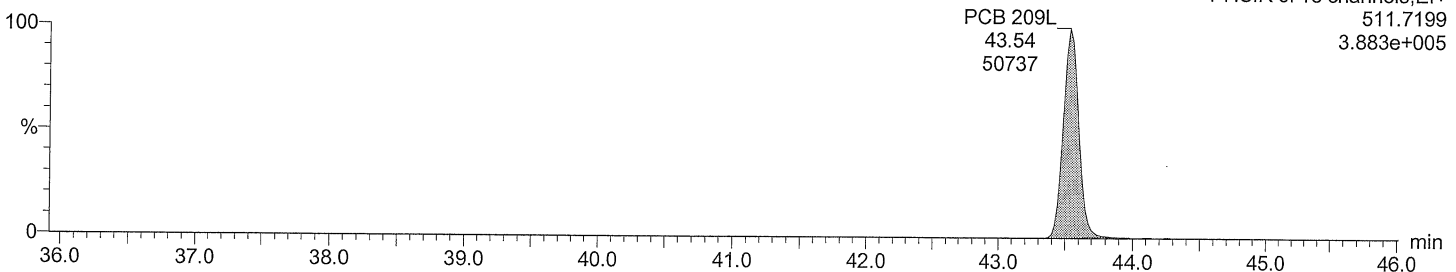
Total DeCB labeled F7

M2160218DS004 Smooth(SG,3x1)



Total DeCB labeled F7

M2160218DS004 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

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ID: WS#4386412/4378609, Ti

Description: SPIKE:D1

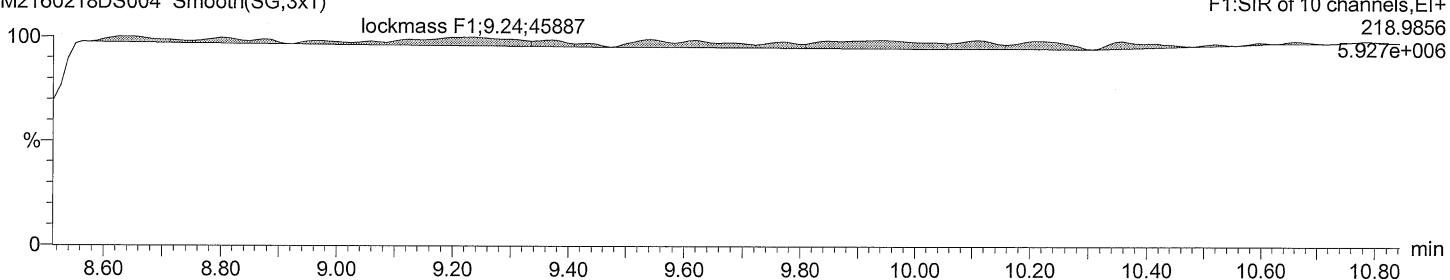
Vial: 4

Date: 18-FEB-2016

Time: 20:57:58

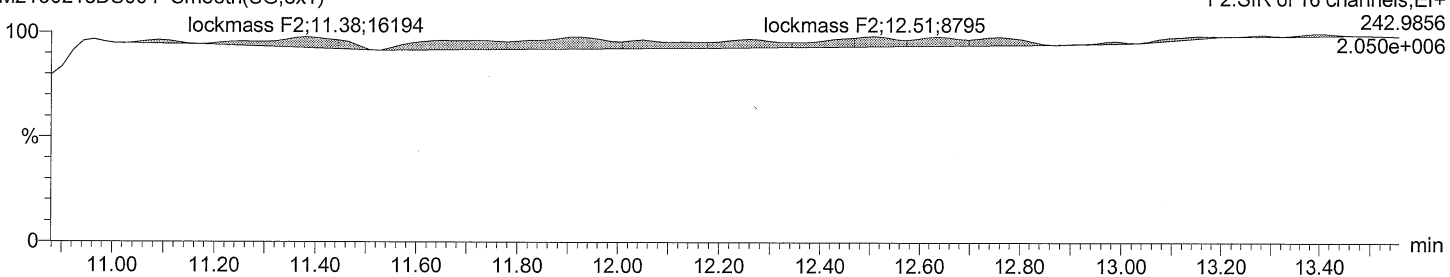
lockmass F1

M2160218DS004 Smooth(SG,3x1)



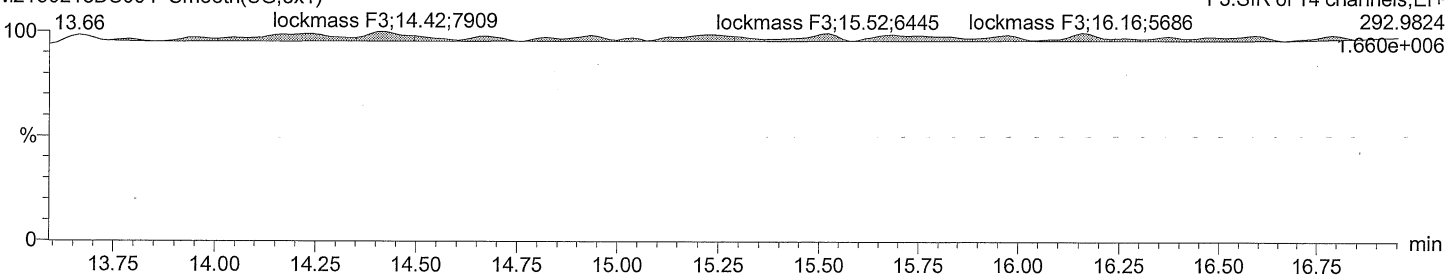
lockmass F2

M2160218DS004 Smooth(SG,3x1)



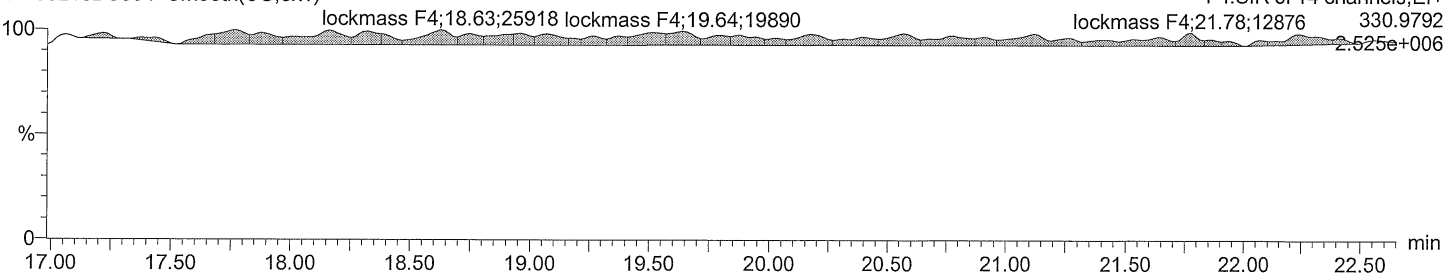
lockmass F3

M2160218DS004 Smooth(SG,3x1)



lockmass F4

M2160218DS004 Smooth(SG,3x1)



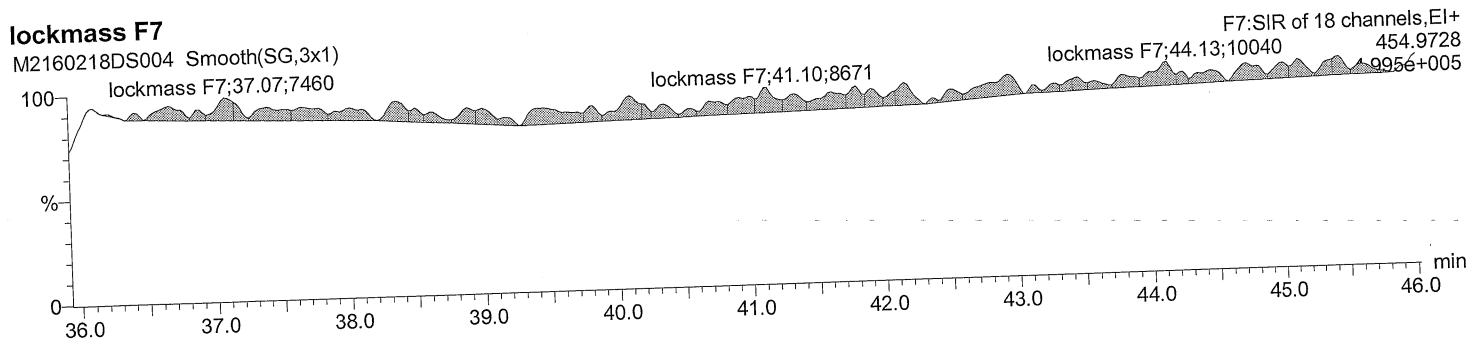
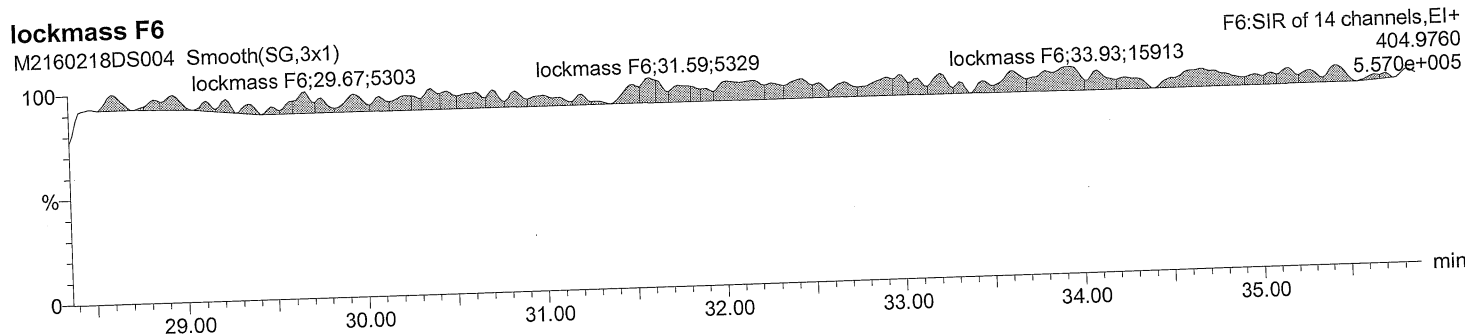
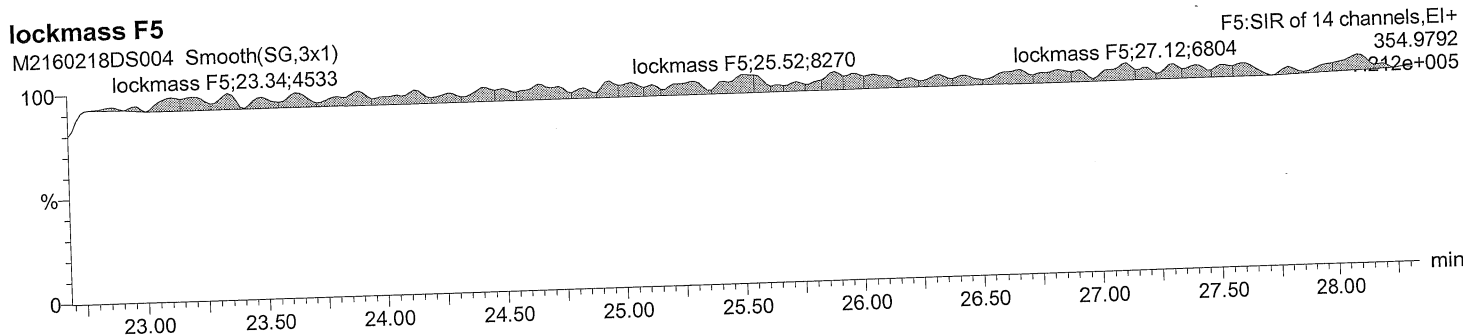
Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 19, 2016 05:14:04 PM Eastern Standard Time
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ID: WS#4386412/4378609, Ti
Description: SPIKE:D1
Vial: 4
Date: 18-FEB-2016
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43 PCB 48	290	15.83	121664	0.79	275340	0.429212	-0.0018	934	no	0.673	-
	TCB 292	15.85	153676	yes				906			
44 PCB 44/47/65	290	15.97	1022068	0.8	2303003	3.086412	-0.00155	6161	no	0.783	-
	TCB 292	15.99	1280935	yes				5926			
45 PCB 59/62/75	290	16.15	105835	0.79	240398	0.248224	-0.00119	651	no	1.017	-
	TCB 292	16.18	134563	yes				640			
46 PCB 42	290	16.28	214384	0.79	485691	0.747943	-0.00178	1603	no	0.682	-
	TCB 292	16.31	271307	yes				1556			
47 PCB 40/41/71	290	16.57	472635	0.8	1066814	1.547533	-0.00167	3097	no	0.724	-
	TCB 292	16.59	594179	yes				3004			
48 PCB 64	290	16.71	510355	0.79	1153227	1.312998	-0.00131	3628	no	0.922	-
	TCB 292	16.73	642872	yes				3530			
49 PCB 72	290	17.19	33872	0.78	77328	0.062229	-0.00183	96	no	1.304	-
	TCB 292	17.20	43457	yes				95			
50 PCB 68	290	17.39	26842	0.77	61648	0.053033	-0.00196	73	no	1.22	-
	TCB 292	17.41	34805	yes				73			
51 PCB 57	290	17.69	12502	0.79	28346	0.024366	-0.00196	53	no	1.221	-
	TCB 292	17.69	15844	yes				52			
52 PCB 58	290	NotFnd	*	*	*	-0.00231	-0.00231	*	no	1.035	-
	TCB 292	17.84	*	no				*			
53 PCB 67	290	17.94	62256	0.78	142410	0.111007	-0.00177	167	no	1.347	-
	TCB 292	17.95	80154	yes				168			
54 PCB 63	290	18.14	96896	0.78	220426	0.184712	-0.00191	259	no	1.253	-
	TCB 292	18.14	123530	yes				258			
55 PCB 61/70/74/76	290	18.35	2593761	0.77	5959827	5.642342	-0.00215	5042	no	1.109	-
	TCB 292	18.35	3366067	yes				5013			
56 PCB 66	290	18.58	1656844	0.77	3804358	3.216388	-0.00193	4440	no	1.241	-
	TCB 292	18.59	2147514	yes				4416			
57 PCB 55	290	NotFnd	*	*	*	-0.00239	-0.00239	*	no	0.998	-
	TCB 292	18.72	*	no				*			
58 PCB 56	290	19.07	603796	0.79	1370674	1.445325	-0.0024	1589	no	0.995	-
	TCB 292	19.06	766877	yes				1576			
59 PCB 60	290	19.23	282759	0.74	666747	0.708623	-0.00242	763	no	0.988	-
	TCB 292	19.23	363988	yes				767			
60 PCB 80	290	NotFnd	*	*	*	-0.00195	-0.00195	*	no	1.224	-
	TCB 292	19.49	*	no				*			
61 PCB 79	290	20.65	22640	0.75	52939	0.038009	-0.00163	81	yes	1.462	-
	TCB 292	20.62	30299	yes				81			
62 PCB 78	290	NotFnd	*	*	*	-0.00186	-0.00186	*	no	1.287	-
	TCB 292	21.07	*	no				*			
63 PCB 81	290	21.42	4753	0.82	10515	0.008445	-0.00233	14	yes	1.027	-
	TCB 292	21.44	5762	yes				13			
64 PCB 77	290	21.88	146616	0.78	334197	0.27481	-0.00222	341	no	1.077	-
	TCB 292	21.88	187581	yes				345			
65 PCB 104	326	NotFnd	*	*	*	-0.00128	-0.00128	*	no	1.094	-
	PeCB 328	15.93	*	no				*			
66 PCB 96	326	16.17	11594	1.68	18494	0.021398	-0.0016	63	no	0.874	-
	PeCB 328	16.16	6899	yes				58			
67 PCB 103	326	17.32	20666	1.6	33581	0.045954	-0.00186	81	no	0.739	-
	PeCB 328	17.32	12915	yes				80			
68 PCB 94	326	17.46	11261	1.51	18713	0.035045	-0.00255	44	no	0.54	-
	PeCB 328	17.46	7452	yes				43			
69 PCB 95	326	17.76	1033760	1.6	1680498	2.488954	-0.00202	4051	no	0.683	-
	PeCB 328	17.76	646737	yes				3922			
70 PCB 100/93/102/98	326	18.00	93485	1.73	147579	0.241037	-0.00222	250	yes	0.619	-
	PeCB 328	17.92	54094	yes				233			
71 PCB 88/91	326	18.35	264364	1.61	428523	0.693174	-0.0022	1007	no	0.625	-
	PeCB 328	18.30	164159	yes				958			
72 PCB 84	326	18.51	272774	1.62	441109	0.835102	-0.00258	1021	no	0.534	-
	PeCB 328	18.49	168335	yes				973			
73 PCB 89	326	18.83	18266	1.59	29767	0.051693	-0.00237	68	no	0.582	-
	PeCB 328	18.83	11501	yes				66			
74 PCB 121	326	NotFnd	*	*	*	-0.00181	-0.00181	*	no	0.761	-
	PeCB 328	19.07	*	no				*			
75 PCB 92	326	19.37	347044	1.61	562456	0.951348	-0.0023	1266	no	0.598	-
	PeCB 328	19.34	215411	yes				1208			
76 PCB 113/90/101	326	19.80	2003863	1.59	3264234	4.646563	-0.00194	7148	no	0.71	-
	PeCB 328	19.75	1260371	yes				6941			
77 PCB 83/99	326	20.22	1282590	1.59	2087743	3.387382	-0.00221	4090	no	0.623	-
	PeCB 328	20.21	805153	yes				4047			
78 PCB 112	326	NotFnd	*	*	*	-0.00168	-0.00168	*	no	0.819	-
	PeCB 328	20.33	*	no				*			
79 PCB 109/119/86/97/125/326	326	20.63	1256936	1.6	2042795	2.843586	-0.0019	2382	no	0.726	-
	PeCB 328	20.61	785859	yes				2312			
80 PCB 117/116/85	326	21.18	366675	1.6	595552	0.756942	-0.00173	1238	no	0.796	-
	PeCB 328	21.22	228877	yes				1194			
81 PCB 110/115	326	21.31	2498423	1.6	4061319	5.477668	-0.00184	8100	no	0.75	-
	PeCB 328	21.31	1562896	yes				7922			
82 PCB 82	326	21.58	146903	1.66	235151	0.421245	-0.00244	493	no	0.564	-
	PeCB 328	21.58	88248	yes				462			
83 PCB 111	326	21.86	2580	1.39	4431	0.005541	-0.0017	8	yes	0.809	-
	PeCB 328	21.84	1851	yes				9			
84 PCB 120	326	22.24	13875	1.68	22132	0.023541	-0.00145	45	no	0.951	-
	PeCB 328	22.24	8256	yes				43			
85 PCB 108/124	326	23.20	104909	1.54	172878	0.155753	-0.00196	211	no	1.122	-
	PeCB 328	23.22	67969	yes				208			
86 PCB 107	326	23.41	321122	1.56	527352	0.464747	-0.00192	582	no	1.147	-
	PeCB 328	23.41	206230	yes				580			
87 PCB 123	326	23.52	35581	1.59	57901	0.057178	-0.00246	150	no	0.894	-
	PeCB 328	23.52	22319	yes				148			
88 PCB 106	326	NotFnd	*	*	*	-0.00181	-0.00181	*	no	1.218	-
	PeCB 328	23.64	*	no				*			
89 PCB 118	326	23.80	3808669	1.55	6270209	5.655233	-0.00224	7539	no	0.981	-
	PeCB 328	23.81	2461541	yes				7505			

90 PCB 122	326	24.10	35903	1.67	57430	0.053839	-0.00204	65	no	1.079	-
	PeCB 328	24.09	21527	yes			-0.00218	61	no	1.01	-
		24.28	64726	1.56	106135	0.099116		124			
91 PCB 114	326	24.29	41409	yes			-0.00225	120	no	0.977	-
	PeCB 328	24.85	1386776	1.57	2271536	2.123758		2621			
		24.84	884760	yes			-0.00179	2588	yes	1.23	-
92 PCB 105	326	24.84	1372	1.51	2281	0.001874		3			
	PeCB 328	26.21	908	yes			-0.00225	3	no	0.977	-
		26.21	7256	1.48	12150	0.011805		20			
93 PCB 127	326	27.74	4894	yes			-0.00135	20	no	0.997	-
	PeCB 328	NotFnd	*	*	*	-0.00135		*			
94 PCB 126	360	19.64	*	no			-0.00165	10	no	0.813	-
	HxCB 362	19.80	1445	1.29	2565	0.003453		9			
95 PCB 155	360	19.79	1119	yes			-0.00207	18	no	0.65	-
	HxCB 362	19.90	3116	1.27	5573	0.009389		19			
96 PCB 152	360	19.89	2456	yes			-0.00176	894	no	0.761	-
	HxCB 362	20.19	151756	1.29	268900	0.386871		850			
97 PCB 150	360	20.19	117144	yes			-0.00203	*	no	0.662	-
	HxCB 362	NotFnd	*	*	*	-0.00203		*			
98 PCB 136	360	20.42	*	no			-0.00244	12	no	0.551	-
	HxCB 362	21.56	2237	1.33	3918	0.007791		12			
99 PCB 145	360	21.56	1680	yes			-0.00259	1790	no	0.519	-
	HxCB 362	22.04	390751	1.3	692068	1.459952		1716			
100 PCB 148	360	22.05	301316	yes			-0.00217	134	no	0.618	-
	HxCB 362	22.24	22986	1.28	40945	0.072557		131			
101 PCB 151/135	360	22.23	17959	yes			-0.00239	271	no	0.562	-
	HxCB 362	22.50	45511	1.29	80855	0.15748		260			
102 PCB 154	360	22.52	35345	yes			-0.00441	3465	yes	0.662	-
	HxCB 362	22.81	1466025	1.29	2600351	4.299764		3302			
103 PCB 144	360	22.82	1134326	yes			-0.00498	158	no	0.586	-
	HxCB 362	22.98	60401	1.37	104479	0.195268		146			
104 PCB 147/149	360	23.07	44077	yes			-0.00429	79	no	0.68	-
	HxCB 362	23.32	36864	1.29	65369	0.105322		76			
105 PCB 134/143	360	23.32	28505	yes			-0.00544	37	no	0.537	-
	HxCB 362	23.50	16546	1.33	29032	0.059204		36			
106 PCB 139/140	360	23.50	12486	yes			-0.00466	*	no	0.626	-
	HxCB 362	NotFnd	*	*	*	-0.00466		*			
107 PCB 131	360	23.66	*	no			-0.0052	1026	no	0.561	-
	HxCB 362	23.89	470818	1.29	836515	1.634815		987			
108 PCB 142	360	23.89	365697	yes			-0.00444	72	no	0.657	-
	HxCB 362	24.30	32781	1.29	58216	0.097073		69			
109 PCB 132	360	24.33	25435	yes			-0.00382	*	no	0.765	-
	HxCB 362	24.67	1447	1.22	2633	-0.00382		*			
110 PCB 133	360	24.67	1185	no			-0.00414	957	no	0.705	-
	HxCB 362	24.89	439846	1.29	781705	1.214839		904			
111 PCB 165	360	24.87	341859	yes			-0.00301	*	no	0.97	-
	HxCB 362	NotFnd	*	*	*	-0.00301		*			
112 PCB 146	360	25.02	*	no			-0.00343	7084	no	0.852	-
	HxCB 362	25.44	3304175	1.29	5872824	7.549158		6841			
113 PCB 161	360	25.47	2568649	yes			-0.00429	51	no	0.681	-
	HxCB 362	25.62	24654	1.26	44225	0.071098		53			
114 PCB 153/168	360	25.61	19571	yes			-0.00473	245	no	0.617	-
	HxCB 362	25.99	120791	1.28	215104	0.381923		242			
115 PCB 141	360	26.00	94312	yes			-0.00481	63	no	0.607	-
	HxCB 362	26.21	29416	1.26	52776	0.095185		62			
116 PCB 130	360	26.20	23360	yes			-0.0032	58	no	0.913	-
	HxCB 362	26.31	27320	1.3	48304	0.057955		55			
117 PCB 137	360	26.29	20984	yes			-0.00414	5947	no	0.705	-
	HxCB 362	26.60	2942363	1.29	5230294	8.131589		5775			
118 PCB 164	360	26.61	2287932	yes			-0.00355	*	no	0.822	-
	HxCB 362	NotFnd	*	*	*	-0.00355		*			
119 PCB 138/163/129	360	26.79	*	no			-0.00291	643	no	1.004	-
	HxCB 362	26.97	312075	1.3	551450	0.601408		611			
120 PCB 160	360	26.97	239375	yes			-0.00377	705	no	0.774	-
	HxCB 362	27.81	371725	1.29	659471	0.933472		672			
121 PCB 158	360	27.80	287746	yes			-0.00222	*	no	1.179	-
	HxCB 362	NotFnd	*	*	*	-0.00222		*			
122 PCB 128/166	360	28.77	*	no			-0.00238	28	yes	1.101	-
	HxCB 362	29.06	12199	1.29	21621	0.021503		26			
123 PCB 159	360	29.06	9422	yes			-0.00277	373	no	0.946	-
	HxCB 362	29.54	195013	1.27	348695	0.303186		367			
124 PCB 162	360	29.54	153683	yes			-0.00258	565	no	1.017	-
	HxCB 362	30.69	329871	1.26	590909	0.519592		550			
125 PCB 167	360	30.72	261038	yes			-0.00275	*	no	0.954	-
	HxCB 362	NotFnd	*	*	*	-0.00275		*			
126 PCB 156/157	360	34.12	*	no			-0.00092	10	no	1.012	-
	HxCB 362	24.23	1202	1.16	2241	0.003645		11			
127 PCB 169	394	24.24	1039	yes			-0.00089	1297	no	1.047	-
	HpCB 396	24.53	151981	1.08	292768	0.371581		1282			
128 PCB 188	394	24.53	140787	yes			-0.00097	*	no	0.961	-
	HpCB 396	NotFnd	*	*	*	-0.00097		*			
129 PCB 179	394	25.01	*	no			-0.00091	350	no	1.027	-
	HpCB 396	25.33	42166	1.08	81196	0.105074		339			
130 PCB 184	394	25.33	39030	yes			-0.00104	*	no	0.899	-
	HpCB 396	NotFnd	*	*	*	-0.00104		*			
131 PCB 176	394	25.76	*	no			-0.00129	558	no	0.722	-
	HpCB 396	27.01	68091	1.06	132132	0.243202		554			
132 PCB 186	394	27.02	64041	yes			-0.00124	94	no	0.753	-
	HpCB 396	27.63	11504	1.04	22540	0.039817		95			
133 PCB 178	394	27.63	11036	yes			-0.00129	4356	no	0.723	-
	HpCB 396	27.88	538821	1.07	1044597	1.919855		4306			
134 PCB 175	394	27.89	505775	yes			-0.00125	*	no	0.747	-
	HpCB 396	NotFnd	*	*	*	-0.00125		*			
135 PCB 187	394	28.11	*	no							
	HpCB 396	28.11	*	no							

137 PCB 183	394	28.49	343843	1.08	662558	0.758281	-0.0026	891	yes	1.162	-
	396	28.51	318715	yes	*	-0.00355	-0.00355	872	*	0.851	-
138 PCB 185	394	NotFnd	*	*	*			*	no		
	396	28.57	*	no				4	no	0.97	-
139 PCB 174	394	28.72	1180	1.03	2327	0.003189	-0.00312	5	no	0.943	-
	396	28.73	1147	yes				585	no		
140 PCB 177	394	29.15	231165	1.09	443695	0.625517	-0.00321	569	no	0.892	-
	396	29.15	212530	yes	*			*	no		
141 PCB 181	394	NotFnd	*	*	*			*			
	396	29.57	*	no				281	no	0.948	-
142 PCB 171/173	394	29.79	108412	1.07	209531	0.29374	-0.00319	271	no	0.95	-
	396	29.79	101119	yes				10	no		
143 PCB 172	394	31.44	3888	1.06	7570	0.010595	-0.00318	10	no	1.085	-
	396	31.43	3683	yes	*			*	no		
144 PCB 192	394	NotFnd	*	*	*			*			
	396	31.75	*	no				688	no	1.383	-
145 PCB 193/180	394	32.14	295143	1.08	569495	0.649533	-0.00219	677	yes	1.352	-
	396	32.07	274352	yes				14	no	1.271	-
146 PCB 191	394	32.49	5606	1.06	10888	0.010704	-0.00224	13	no	1.345	-
	396	32.49	5282	yes				90	no		
147 PCB 170	394	33.44	40584	1.08	78100	0.109763	-0.00238	92	no	1.345	-
	396	33.46	37516	yes				82	no	0.944	-
148 PCB 190	394	34.03	35330	1.05	68999	0.068214	-0.00225	82	no	0.944	-
	396	34.03	33669	yes				53	no	0.988	-
149 PCB 189	394	36.88	13607	1.04	26725	0.023458	-0.0011	53	no	0.988	-
	396	36.89	13118	yes				90	no	0.988	-
150 PCB 202	428	29.27	53842	0.9	113667	0.20211	-0.00647	88	no	0.997	-
	430	29.28	59825	yes				40	no		
151 PCB 201	428	30.20	25154	0.88	53709	0.077462	-0.00641	41	no	0.982	-
	430	30.19	28554	yes	*			*	no		
152 PCB 204	428	NotFnd	*	*	*			*			
	430	30.89	*	no				11	no	0.876	-
153 PCB 197	428	31.12	7470	0.9	15732	0.025806	-0.00729	11	no	1.006	-
	430	31.13	8262	yes	*			*	no		
154 PCB 200	428	NotFnd	*	*	*			*			
	430	31.25	*	no				*	no	0.654	-
155 PCB 198/199	428	34.21	1884	0.88	4025	-0.00977	-0.00977	*	no	0.674	-
	430	34.20	2141	no				*	no		
156 PCB 196	428	34.91	1502	0.88	3208	-0.00948	-0.00948	*	no	0.659	-
	430	34.91	1706	no				15	no		
157 PCB 203	428	35.13	10475	0.89	22274	0.048603	-0.0097	16	no	1.005	-
	430	35.11	11799	yes				8	no	1.091	-
158 PCB 195	428	36.58	2334	0.94	4821	0.006897	-0.00199	8	no	1.091	-
	430	36.58	2487	yes				53	no	1.023	-
159 PCB 194	428	39.21	16038	0.95	32888	0.043333	-0.00183	6	no	1.32	-
	430	39.20	16850	yes				6	no		
160 PCB 205	428	39.74	1810	0.96	3703	0.004131	-0.00183	6	no	1.027	-
	430	39.76	1893	yes	*			*	no		
161 PCB 208	462	NotFnd	*	*	*			*			
	464	36.31	*	no				*	no	1.32	-
162 PCB 207	462	NotFnd	*	*	*			*	no	1.027	-
	464	37.33	*	no				6	no	1.04	-
163 PCB 206	462	41.74	1482	0.81	3322	0.007307	-0.00281	5	no	0.824	74
	464	41.71	1839	yes				26	no		
164 PCB 209	498	43.57	2263	1.18	4181	0.011078	-0.00106	25	no	0.852	73
	500	43.55	1918	yes				3593	no	0.543	53
165 PCB 1L	200	8.98	176403	3.45	227526	0.187999	0	4088	no	1.074	77
	202	8.98	51123	yes				2213	no	0.578	60
166 PCB 3L	200	10.17	179450	3.53	230326	0.183933	0	934	no	0.578	60
	202	10.17	50877	yes				789	no	1.987	106
167 PCB 4L	234	10.29	67166	1.66	107523	0.134878	0	303	no	1.297	58
	236	10.29	40358	yes				816	no	1.297	58
168 PCB 15L	234	12.94	190832	1.64	307501	0.194826	0	3833	no	1.738	102
	236	12.92	116669	yes				983	no	1.677	98
169 PCB 19L	268	11.67	67491	1.1	129056	0.151919	0.001	2368	no	1.156	74
	270	11.67	61565	yes				4513	no	1.936	95
170 PCB 37L	268	16.69	188211	1.05	367625	0.269838	0.002	3056	no	1.906	96
	270	16.68	179414	yes				1913	no	1.773	97
171 PCB 54L	302	13.07	57991	0.79	131126	0.147382	0	2773	no	1.822	98
	304	13.07	73135	yes				1780	no	1.822	98
172 PCB 81L	302	21.42	137588	0.81	307529	0.258028	0	2861	no	1.735	99
	304	21.41	169940	yes				1831	no	1.735	99
173 PCB 77L	302	21.86	126579	0.79	286355	0.248974	0	1626	no	1.404	65
	304	21.84	159776	yes				6354	no	2.11	93
174 PCB 104L	338	15.92	84373	1.7	133920	0.188419	0	3702	no	2.11	93
	340	15.94	49548	yes				1465	no	1.921	93
175 PCB 123L	338	23.50	177791	1.63	287170	0.2412	0	2196	no	1.921	93
	340	23.52	109379	yes				2139	no	1.886	63
176 PCB 118L	338	23.78	177373	1.63	286548	0.244474	0	827	no	1.886	63
	340	23.77	109175	yes				819			
177 PCB 114L	338	24.27	165876	1.61	268863	0.246588	0				
	340	24.27	102986	yes							
178 PCB 105L	338	24.82	170737	1.59	277833	0.247885	0				
	340	24.82	107096	yes							
179 PCB 126L	338	27.70	164547	1.6	267303	0.250435	0				
	340	27.69	102757	yes							
180 PCB 155L	372	19.62	81618	1.28	145176	0.166096	0				
	374	19.62	63558	yes							
181 PCB 167L	372	29.51	172229	1.26	308432	0.234743	0				
	374	29.50	136203	yes							
182 PCB 156L/157L	372	30.69	318748	1.28	567265	0.474202	0				
	374	30.70	248517	yes							
183 PCB 169L	372	34.09	106303	1.28	189003	0.160899	0.001				
	374	34.08	82700	yes							

184 PCB 188L	406	24.21	80776	1.1	154118	0.18616	0	4383	no	1.329	73
	408	24.22	73341	yes				3713			
185 PCB 180L	406	32.10	83904	1.09	160865	0.192517	0	1500	no	1.349	76
	408	32.10	76960	yes				1800			
186 PCB 170L	406	33.43	73429	1.07	142009	0.194206	0	1333	yes	1.18	77
	408	33.43	68579	yes				1591			
187 PCB 189L	406	36.85	156827	1.05	306216	0.229087	0	2798	no	2.157	90
	408	36.84	149389	yes				2378			
188 PCB 202L	440	29.26	69330	0.92	144454	0.164244	0	4091	no	1.419	65
	442	29.28	75124	yes				3983			
189 PCB 205L	440	39.72	98814	0.9	208471	0.219717	0	1684	no	1.531	87
	442	39.74	109657	yes				1926			
190 PCB 208L	474	36.28	58655	0.81	131426	0.186155	0	1849	no	1.139	73
	476	36.29	72771	yes				2225			
191 PCB 206L	474	41.71	49213	0.78	112326	0.238674	0	1388	no	0.76	94
	476	41.74	63113	yes				1671			
192 PCB 209L	510	43.55	52496	1.33	92060	0.205125	0	4252	no	0.724	81
	512	43.54	39564	yes				1916			
193 PCB 28L	268	14.40	245650	1.06	478167	0.341899	0.002	447	no	2.039	121
PCB Cleanup Standard	270	14.42	232517	yes				1209			
194 PCB 111L	338	21.84	148706	1.62	240767	0.291485	0	3933	no	1.343	104
PCB Cleanup Standard	340	21.85	92061	yes				4706			
195 PCB 178L	406	26.99	65481	1.1	124862	0.273563	0	3425	no	0.733	97
PCB Cleanup Standard	408	26.98	59381	yes				2931			
196 PCB 31L	268	NotFnd	*	*	*		0.002		no	1.934	
PCB Audit Standard	270	14.25	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0		no	0.946	
PCB Audit Standard	340	17.74	*	no							
198 PCB 153L	372	NotFnd	*	*	*		0		no	1.225	
PCB Audit Standard	374	25.41	*	no							
199 PCB 9L	234	11.19	1273320	1.6	2070116	13.47634	-	16463	no	-	-
PCB Recovery Standard	236	11.19	796796	yes				7209			
200 PCB 52L	302	15.36	428881	0.8	966357	9.72331	-	6484	no	-	-
PCB Recovery Standard	304	15.36	537476	yes				10415			
201 PCB 101L	338	19.78	535400	1.62	866619	10.021	-	14972	no	-	-
PCB Recovery Standard	340	19.76	331218	yes				17724			
202 PCB 138L	372	26.58	496737	1.3	877511	10.35242	-	9389	no	-	-
PCB Recovery Standard	374	26.56	380774	yes				10273			
203 PCB 194L	440	39.19	422530	0.94	873087	10.25641	-	7226	no	-	-
PCB Recovery Standard	442	39.17	450557	yes				7957			
Chlorobiphenyls							2	-0.00084			
Dichlorobiphenyls							8	-0.00404			
Trichlorobiphenyls							16	-0.00358			
Tetrachlorobiphenyls							26	-0.00249			
Pentachlorobiphenyls							26	-0.00258			
Hexachlorobiphenyls							25	-0.00544			
Heptachlorobiphenyls							16	-0.00355			
Octachlorobiphenyls							7	-0.00977			
Nonachlorobiphenyls							1	-0.00282			
Decachlorobiphenyl							1	-0.00106			
PCB (total)								99.23997			

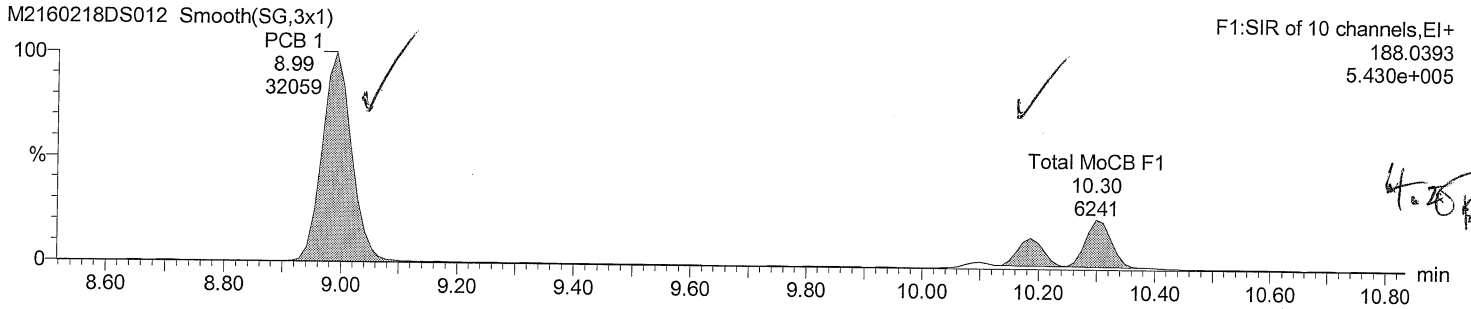
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Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

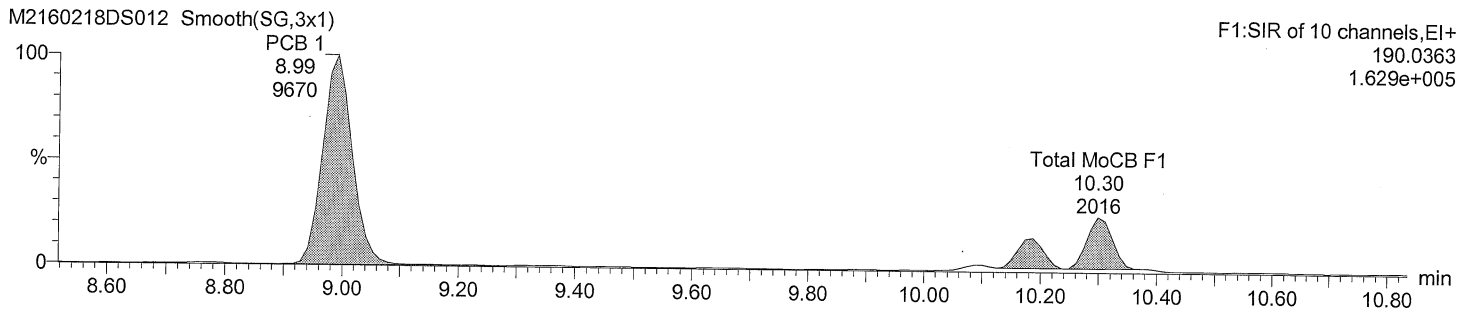
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ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

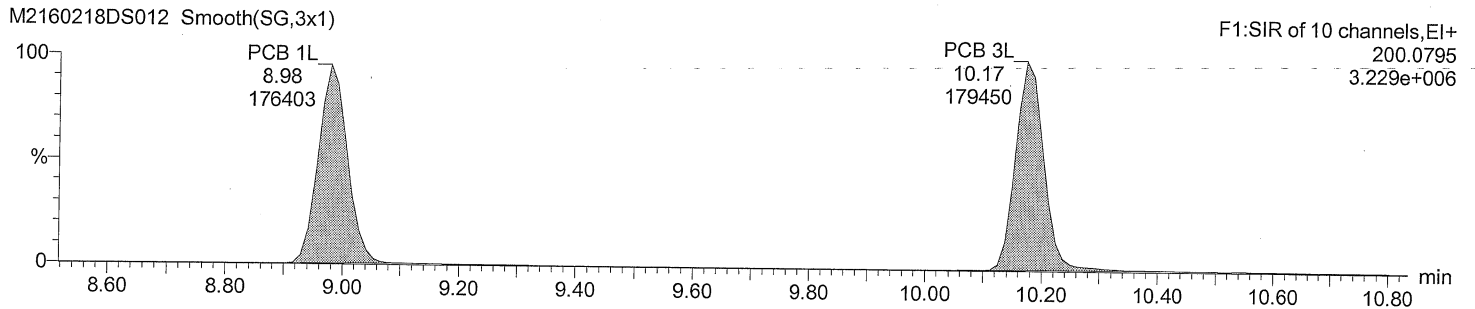
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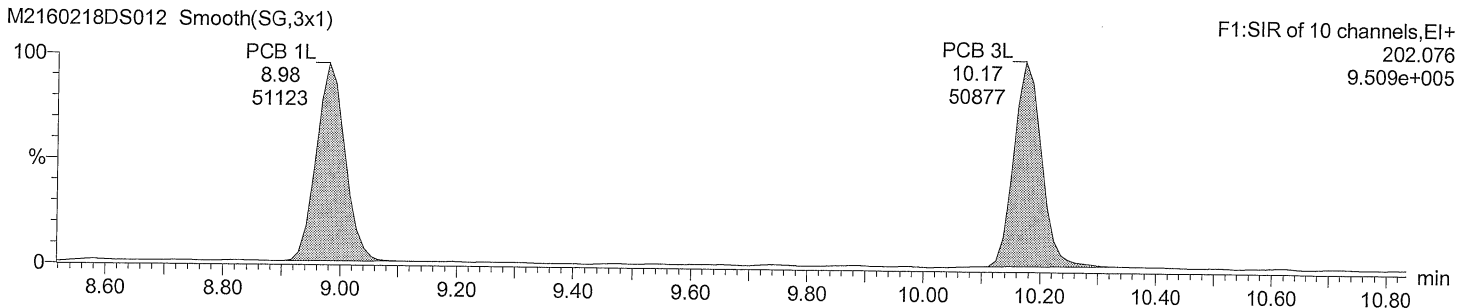
Total MoCB F1



Total MoCB labeled F1



Total MoCB labeled F1



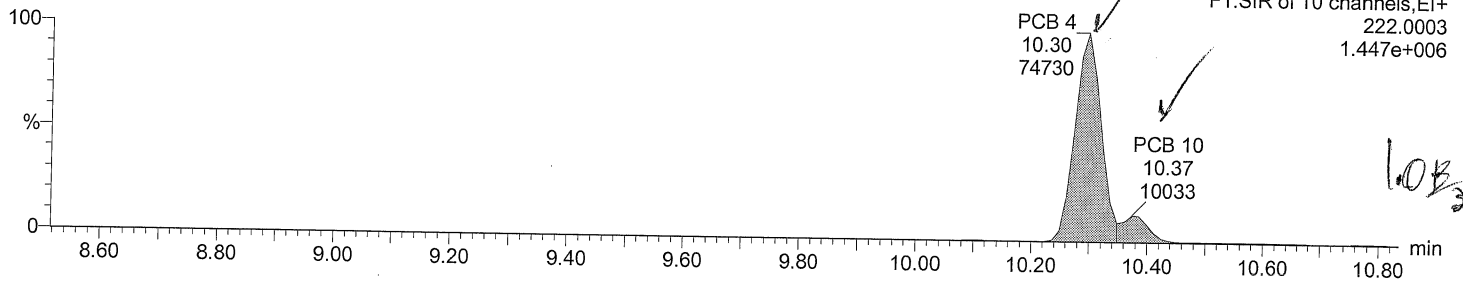
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Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
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ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

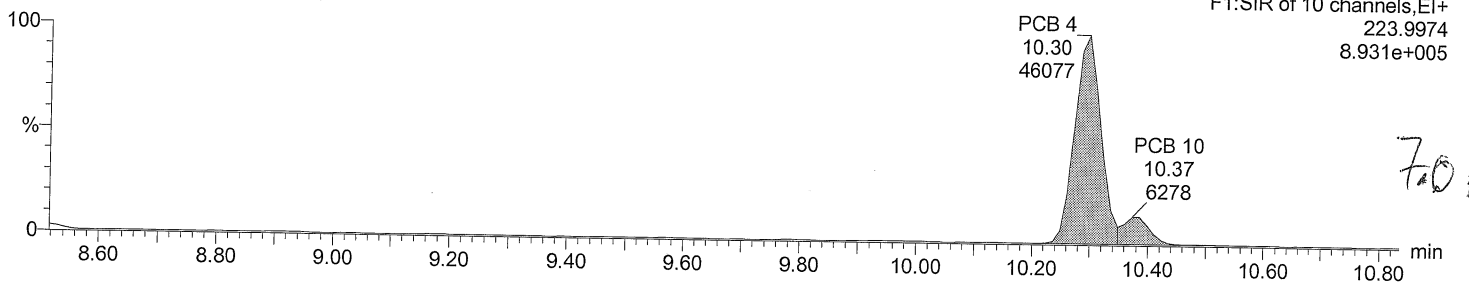
Total DiCB F1

M2160218DS012 Smooth(SG,3x1)



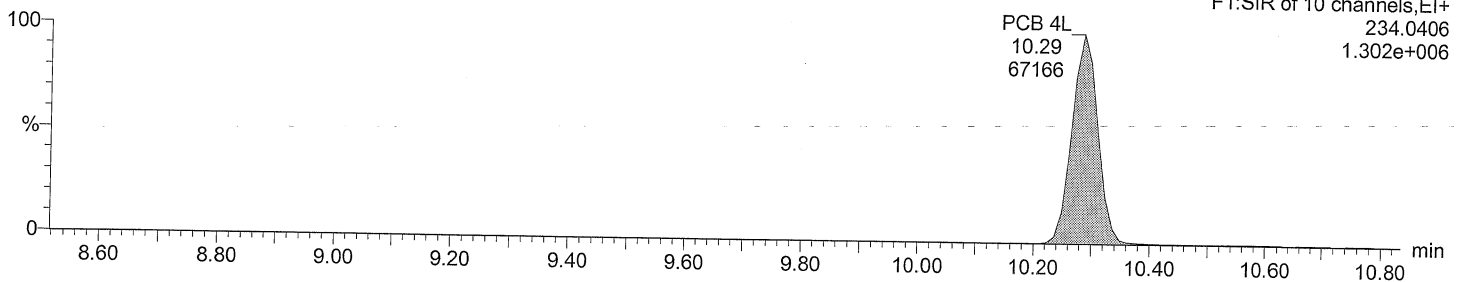
Total DiCB F1

M2160218DS012 Smooth(SG,3x1)



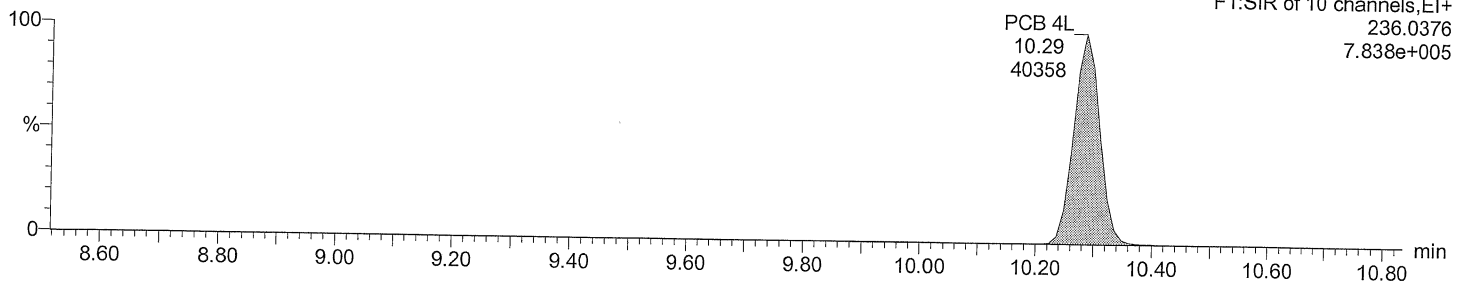
Total DiCB labeled F1

M2160218DS012 Smooth(SG,3x1)



Total DiCB labeled F1

M2160218DS012 Smooth(SG,3x1)



Acquired Date

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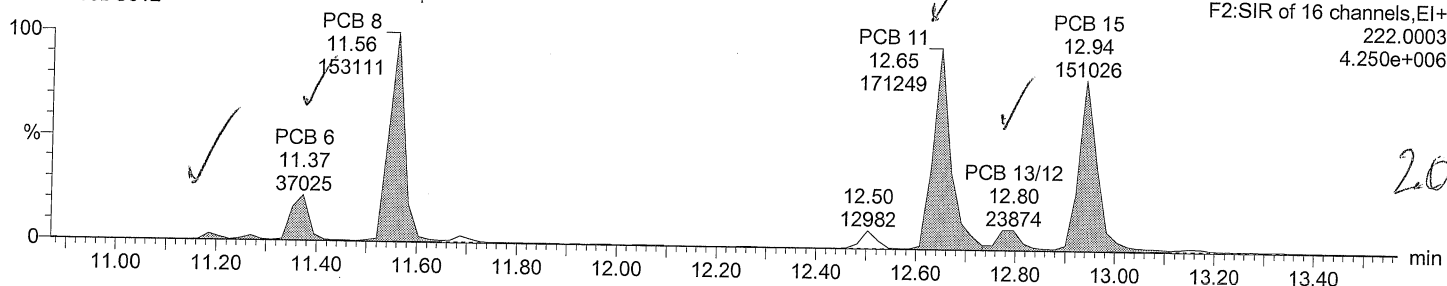
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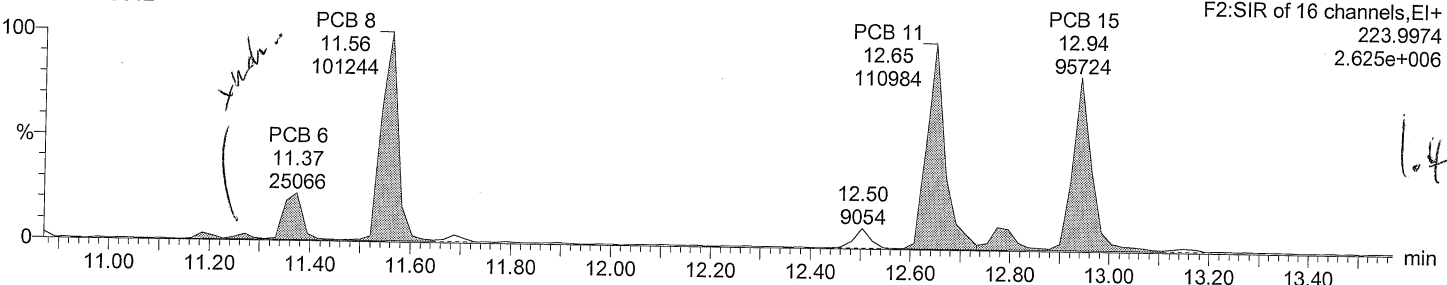
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M2160218DS012



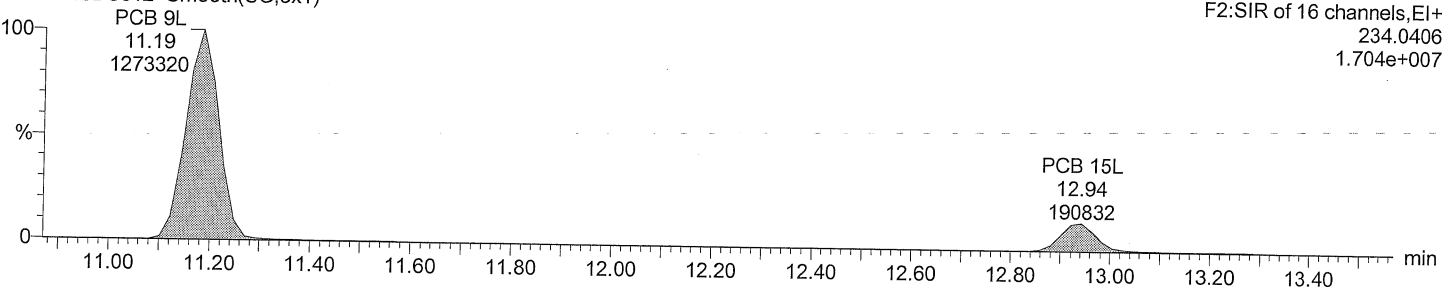
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M2160218DS012



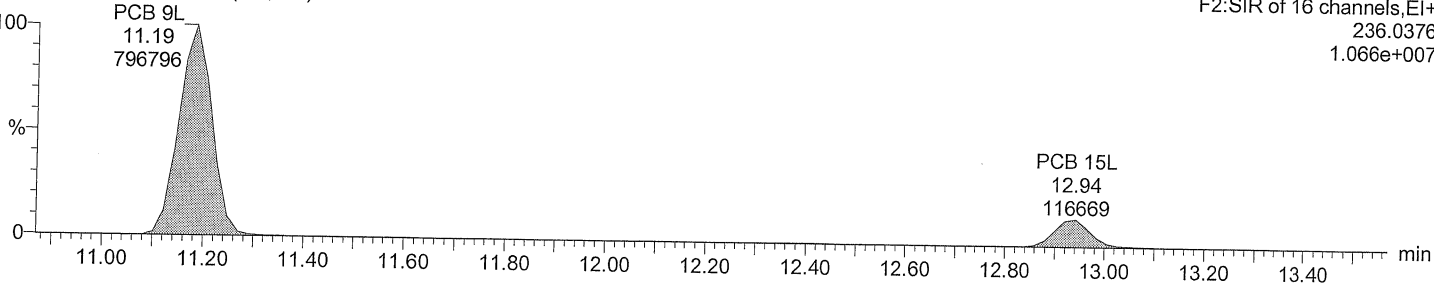
Total DiCB labeled F2

M2160218DS012 Smooth(SG,3x1)



Total DiCB labeled F2

M2160218DS012 Smooth(SG,3x1)



Acquired Date

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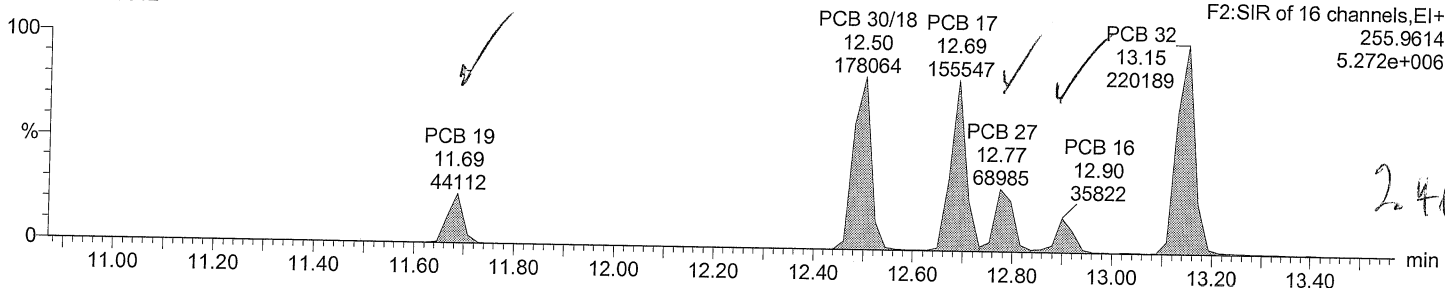
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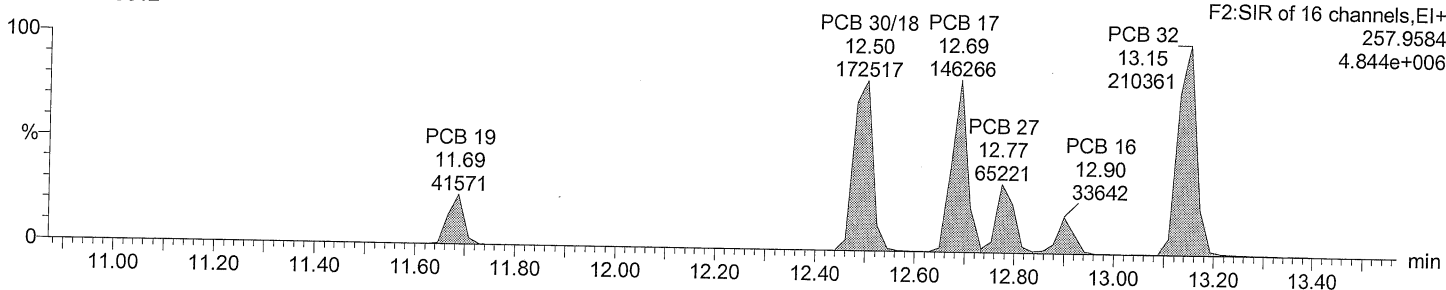
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M2160218DS012



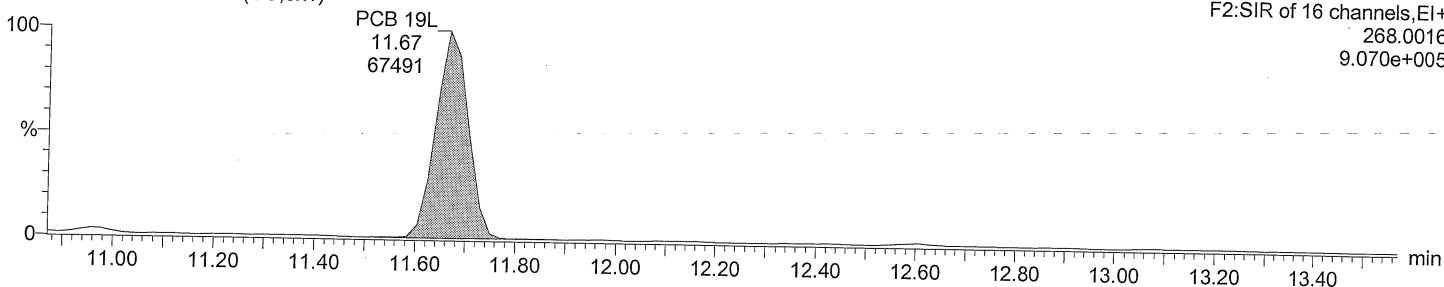
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M2160218DS012



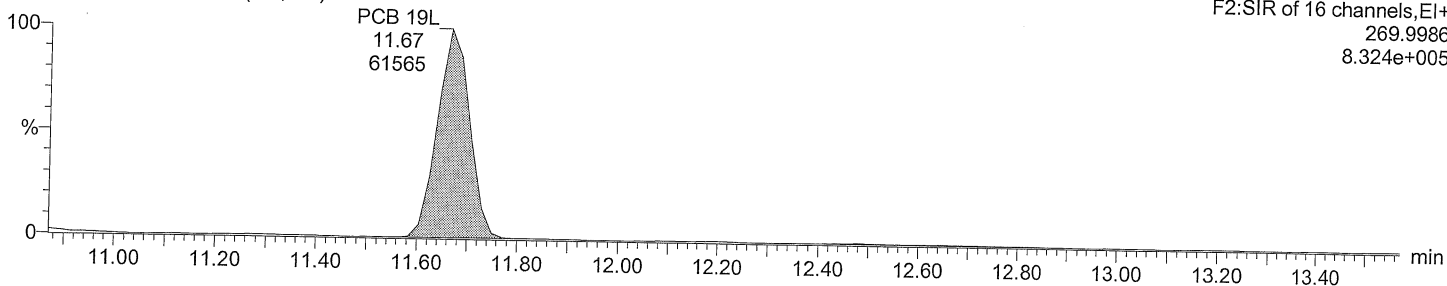
Total TriCB labeled F2

M2160218DS012 Smooth(SG,3x1)



Total TriCB labeled F2

M2160218DS012 Smooth(SG,3x1)



Acquired Date

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ID: WS#4386412/4378609, Ti

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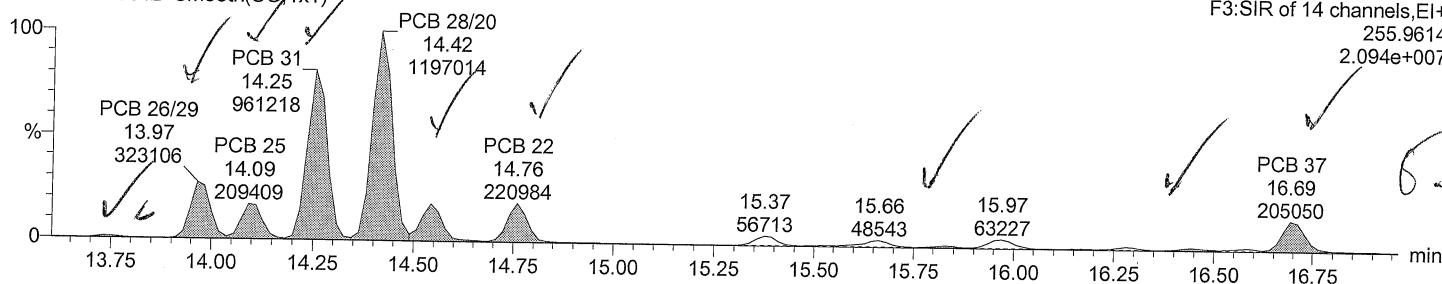
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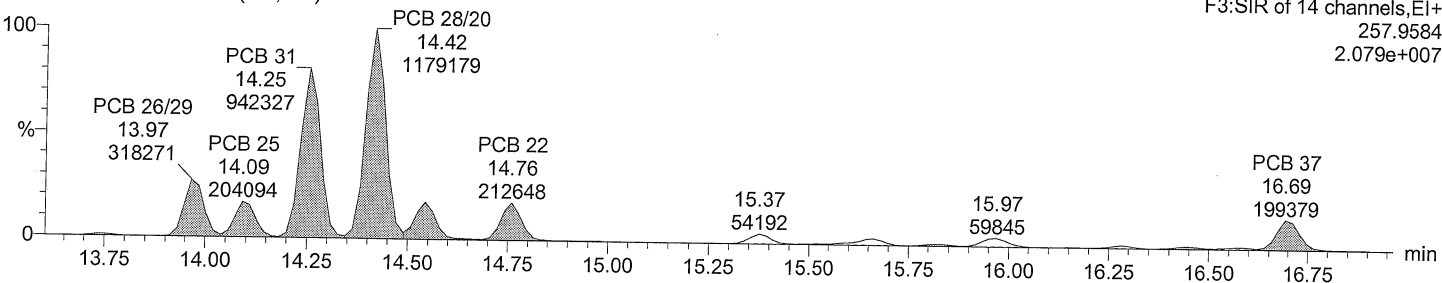
Total TriCB F3

M2160218DS012 Smooth(SG,1x1)



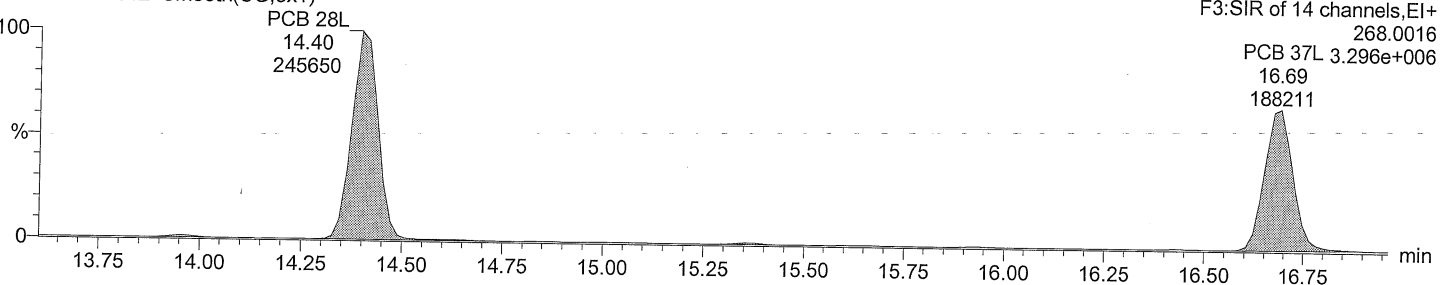
Total TriCB F3

M2160218DS012 Smooth(SG,1x1)



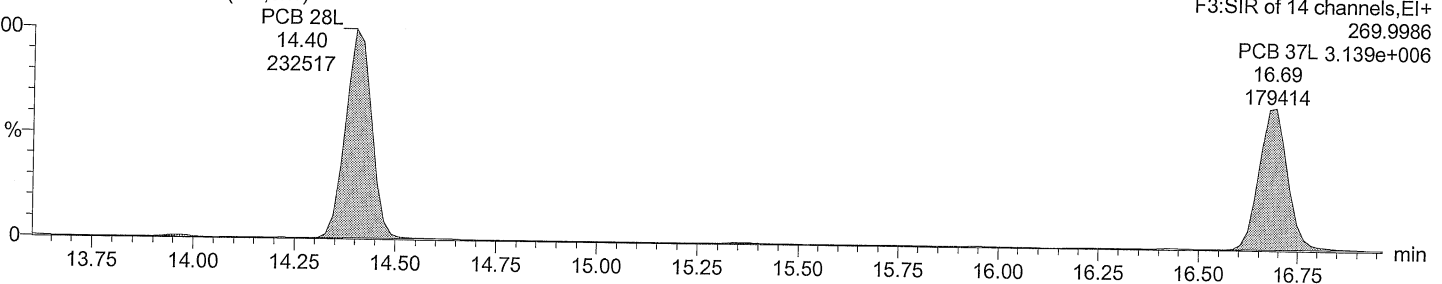
Total TriCB labeled F3

M2160218DS012 Smooth(SG,3x1)



Total TriCB labeled F3

M2160218DS012 Smooth(SG,3x1)



Acquired Date

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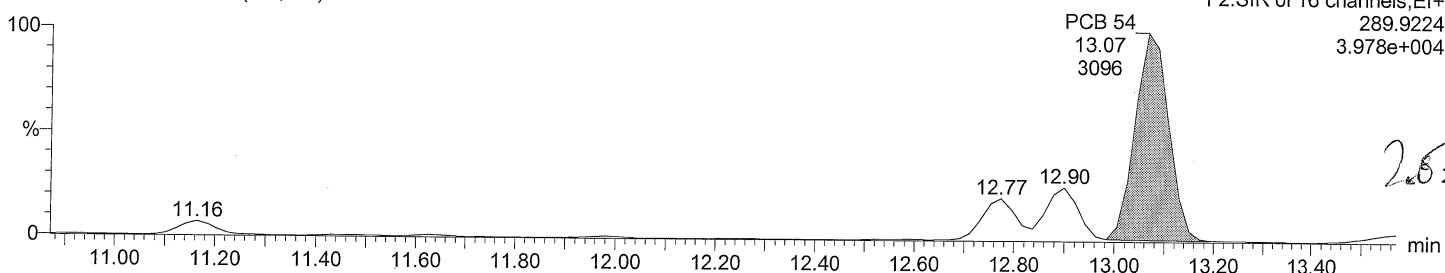
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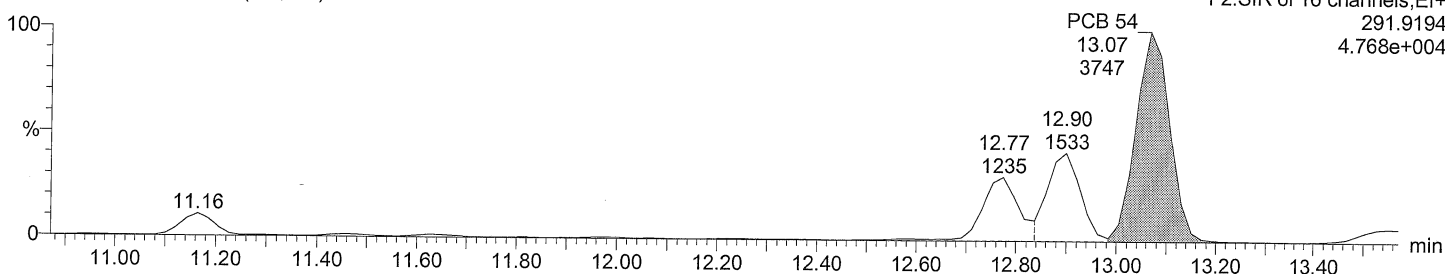
Total TeCB F2

M2160218DS012 Smooth(SG,3x1)



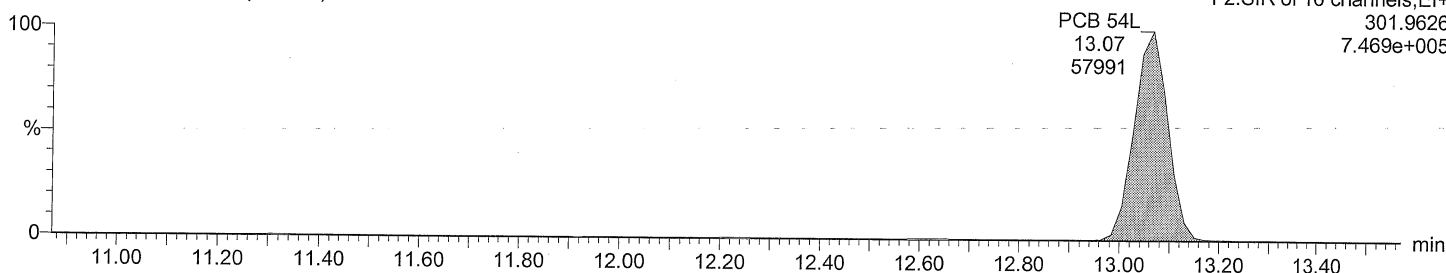
Total TeCB F2

M2160218DS012 Smooth(SG,3x1)



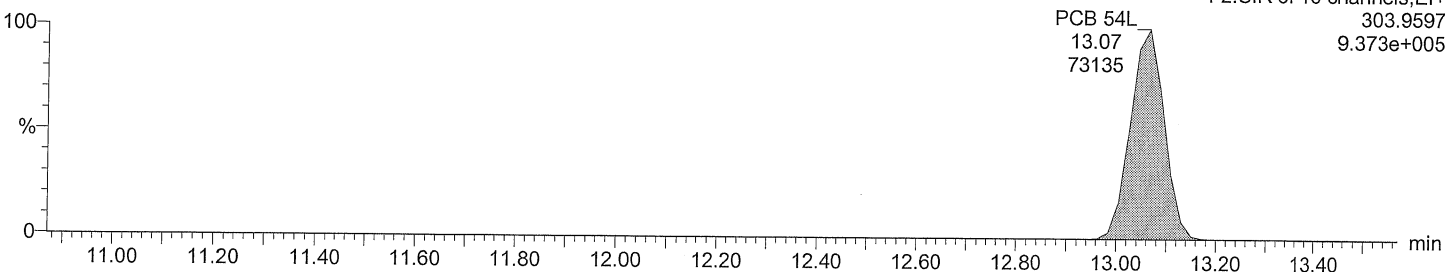
Total TeCB labeled F2

M2160218DS012 Smooth(SG,3x1)



Total TeCB labeled F2

M2160218DS012 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

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Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

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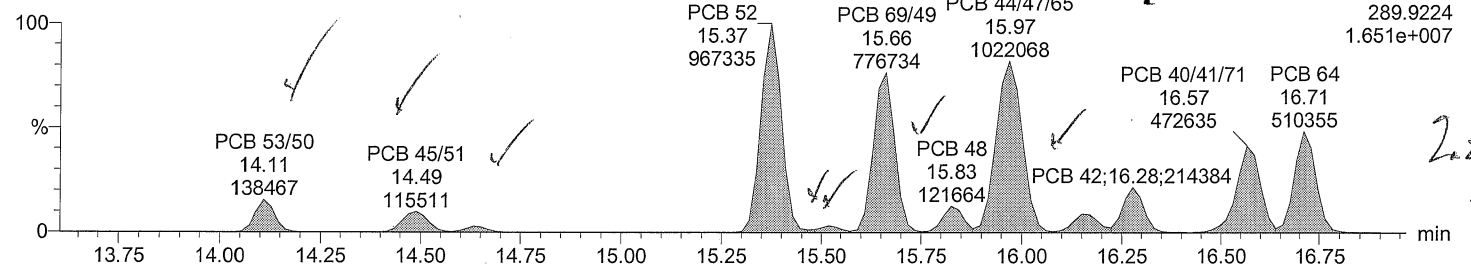
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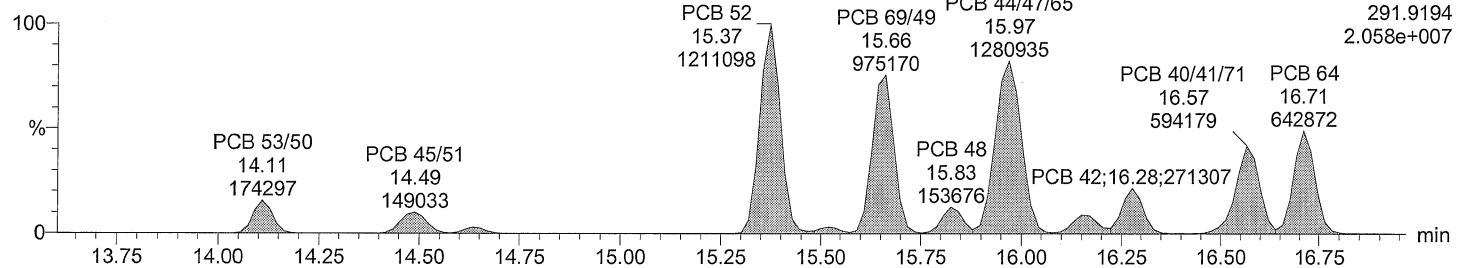
Total TeCB F3

M2160218DS012 Smooth(SG,1x1)



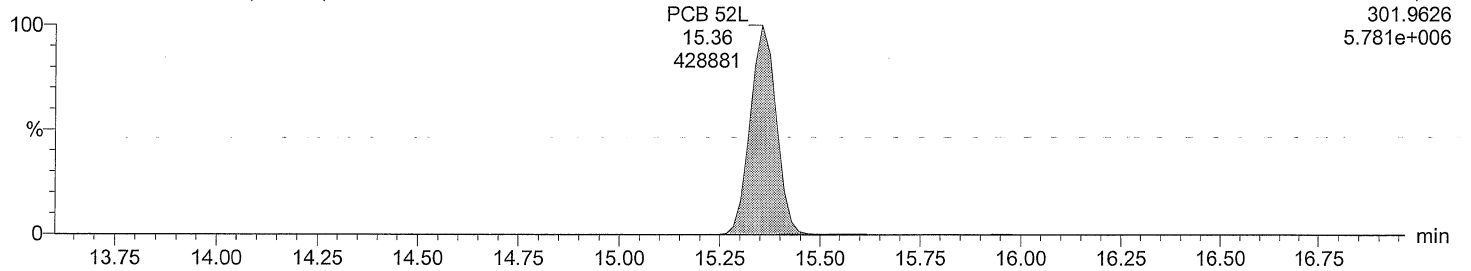
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M2160218DS012 Smooth(SG,1x1)



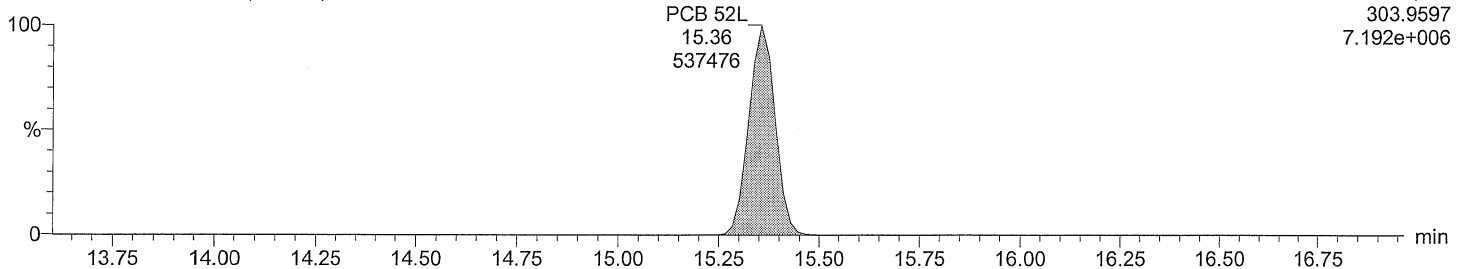
Total TeCB labeled F3

M2160218DS012 Smooth(SG,3x1)



Total TeCB labeled F3

M2160218DS012 Smooth(SG,3x1)



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

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ID: WS#4386412/4378609, Ti

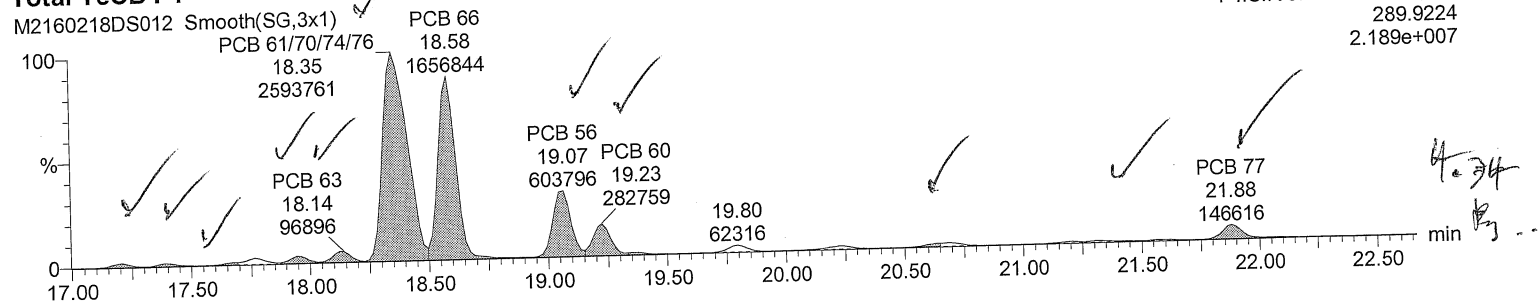
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Vial: 12

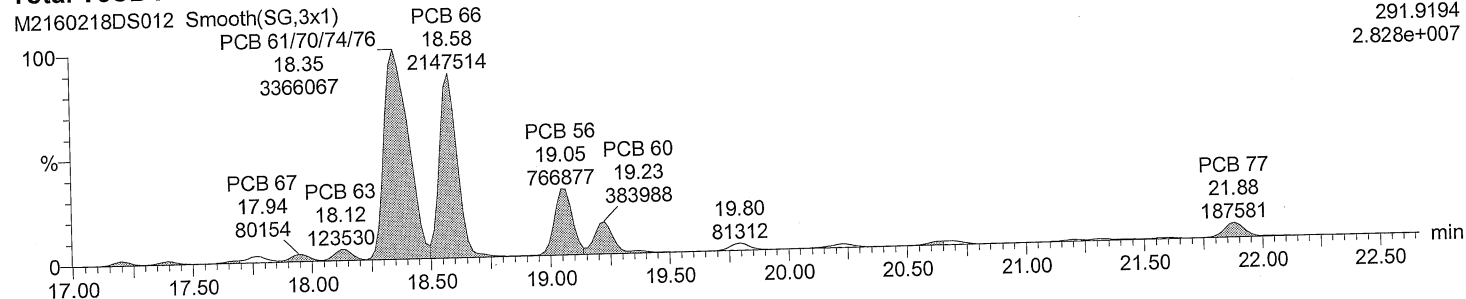
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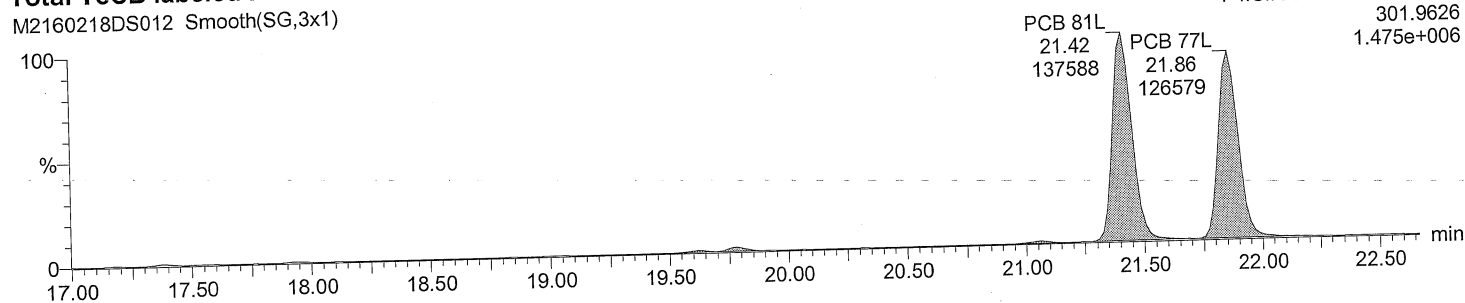
Total TeCB F4



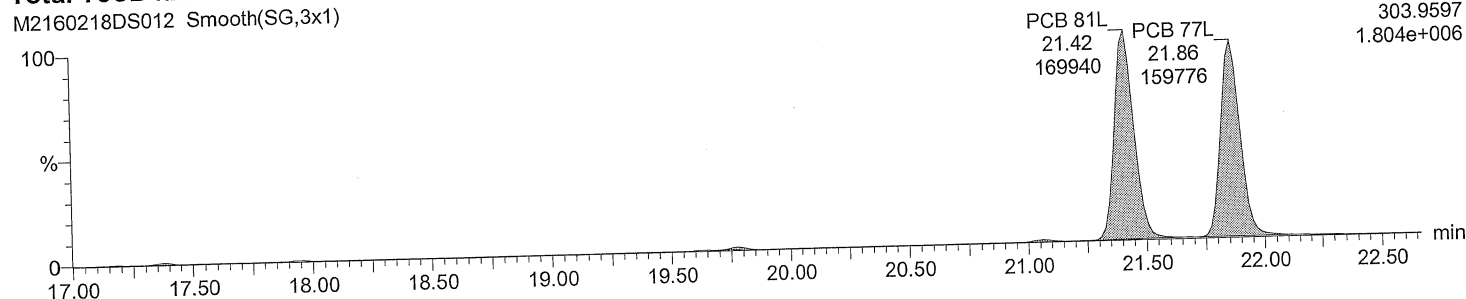
Total TeCB F4



Total TeCB labeled F4



Total TeCB labeled F4



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

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ID: WS#4386412/4378609, Ti

Description: REF MAT

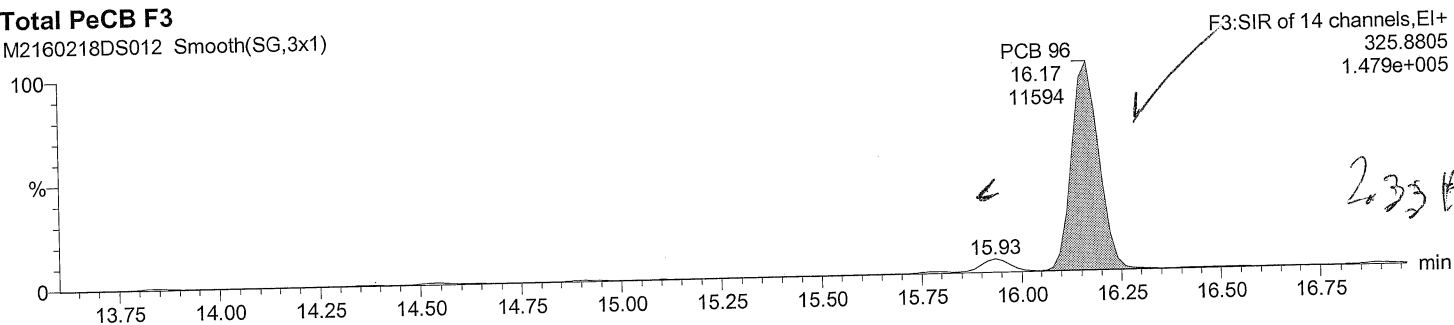
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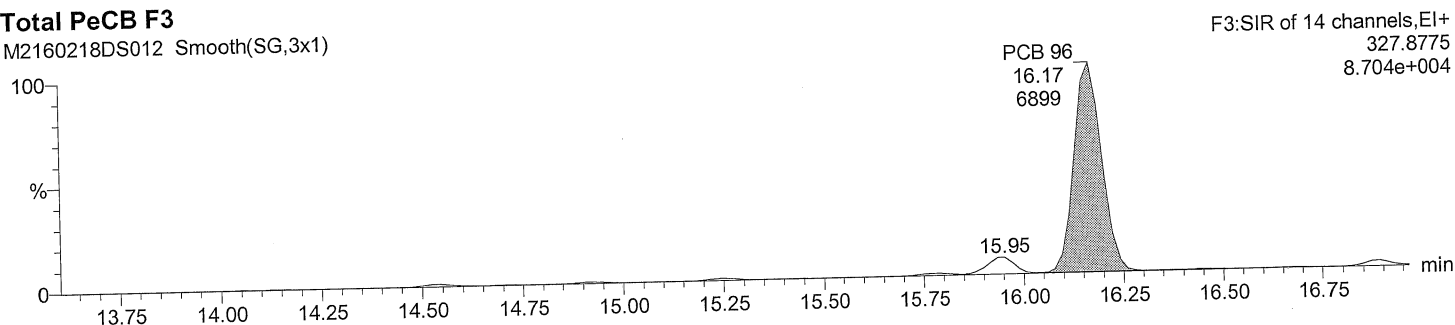
Total PeCB F3

M2160218DS012 Smooth(SG,3x1)



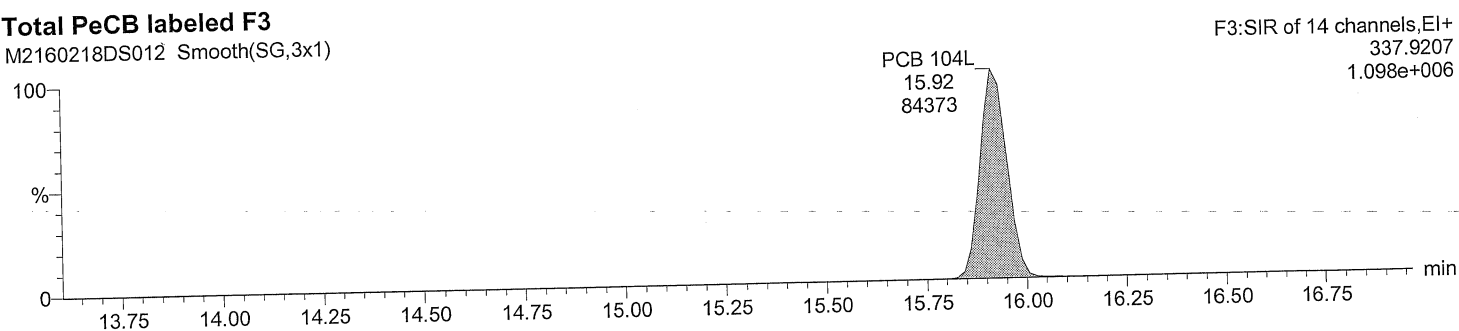
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M2160218DS012 Smooth(SG,3x1)



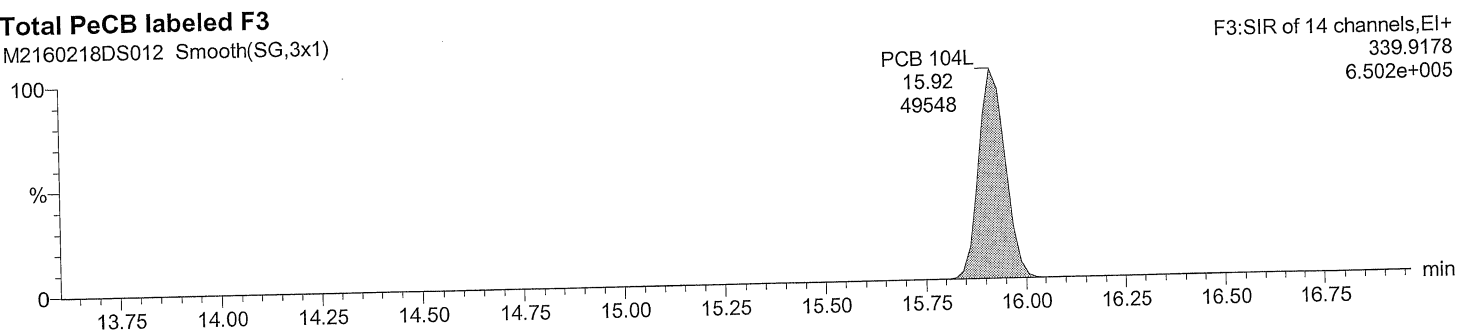
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M2160218DS012 Smooth(SG,3x1)



Total PeCB labeled F3

M2160218DS012 Smooth(SG,3x1)



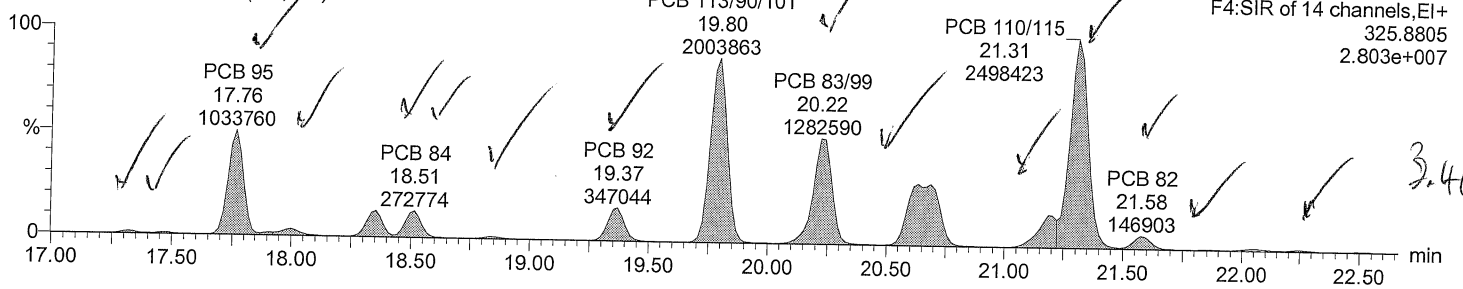
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Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

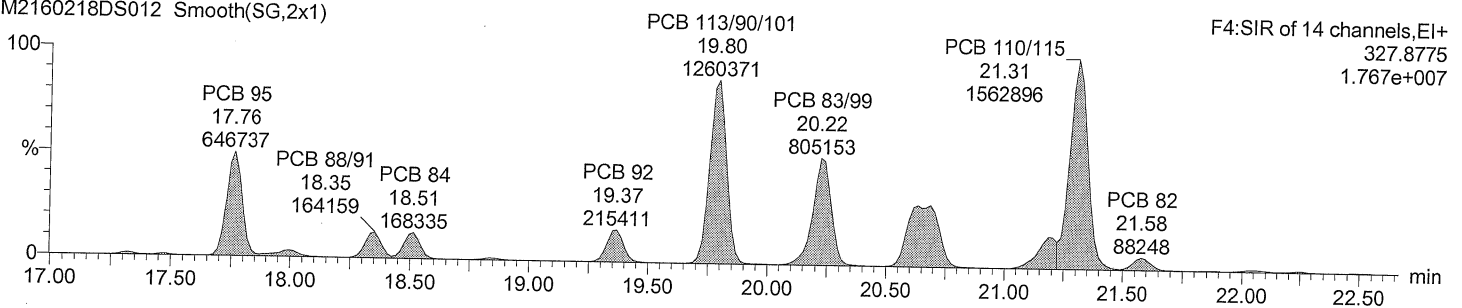
Total PeCB F4

M2160218DS012 Smooth(SG,2x1)



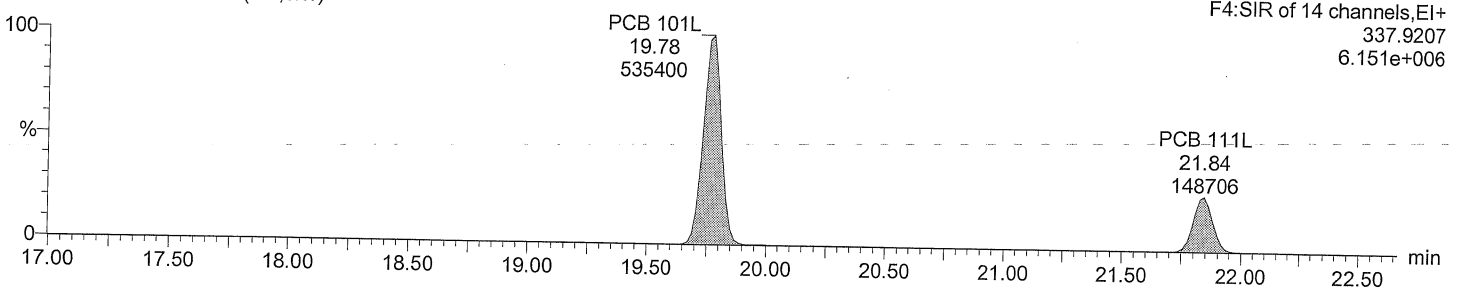
Total PeCB F4

M2160218DS012 Smooth(SG,2x1)



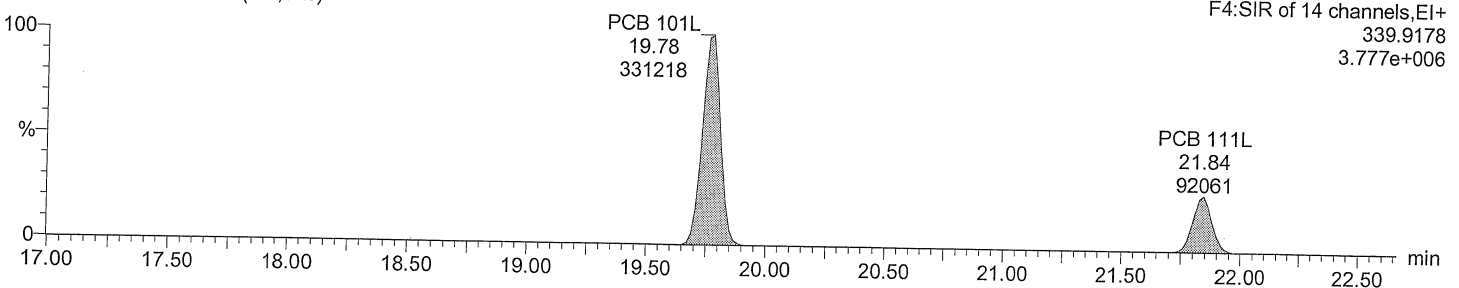
Total PeCB labeled F4

M2160218DS012 Smooth(SG,3x1)



Total PeCB labeled F4

M2160218DS012 Smooth(SG,3x1)



Acquired Date

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Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

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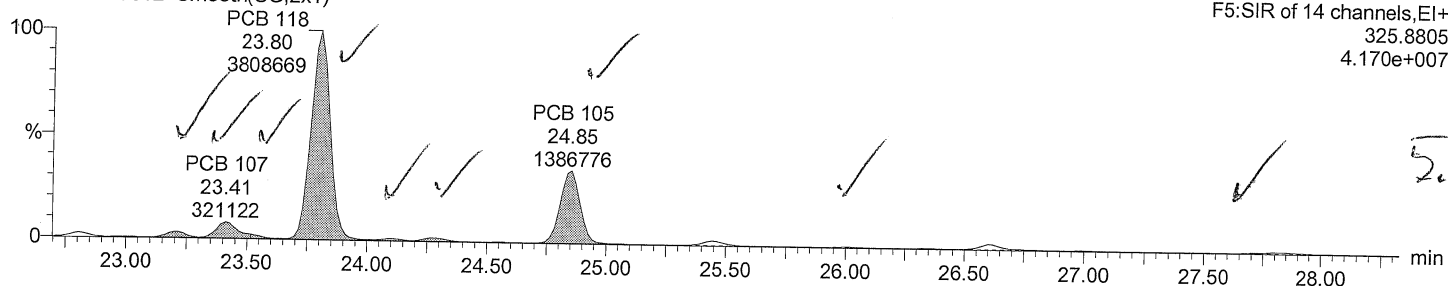
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Date: 18-FEB-2016

Time: 03:39:40

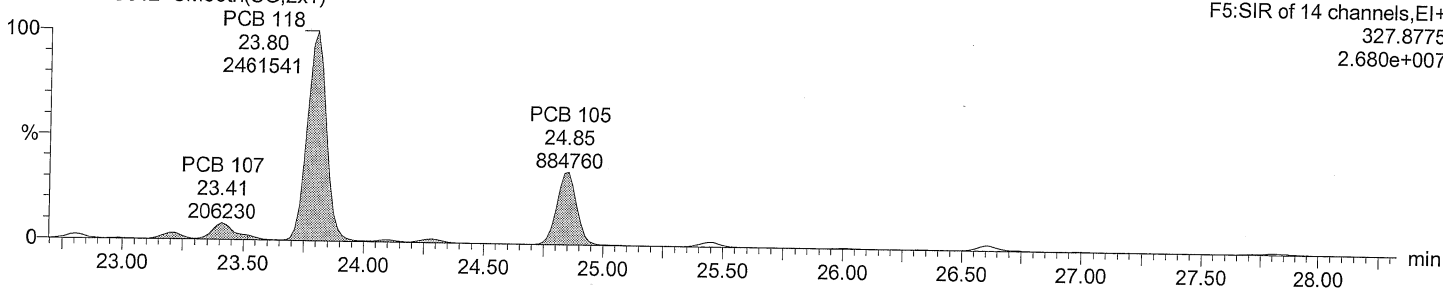
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M2160218DS012 Smooth(SG,2x1)



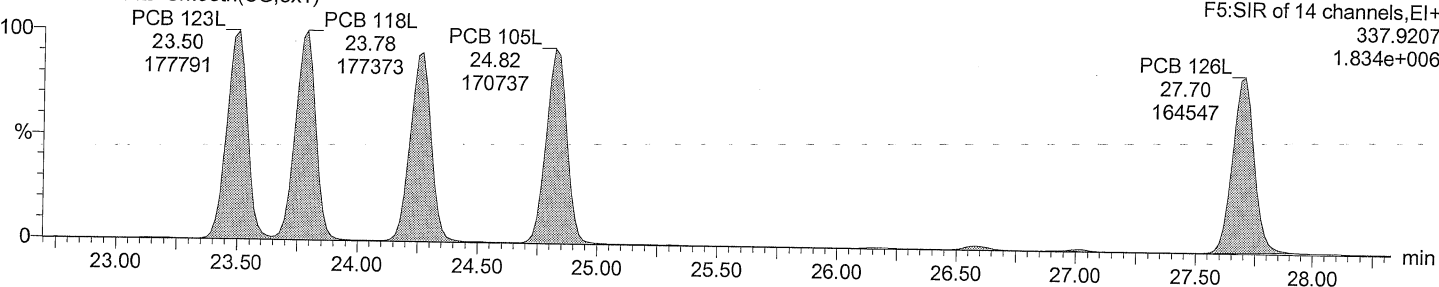
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M2160218DS012 Smooth(SG,2x1)



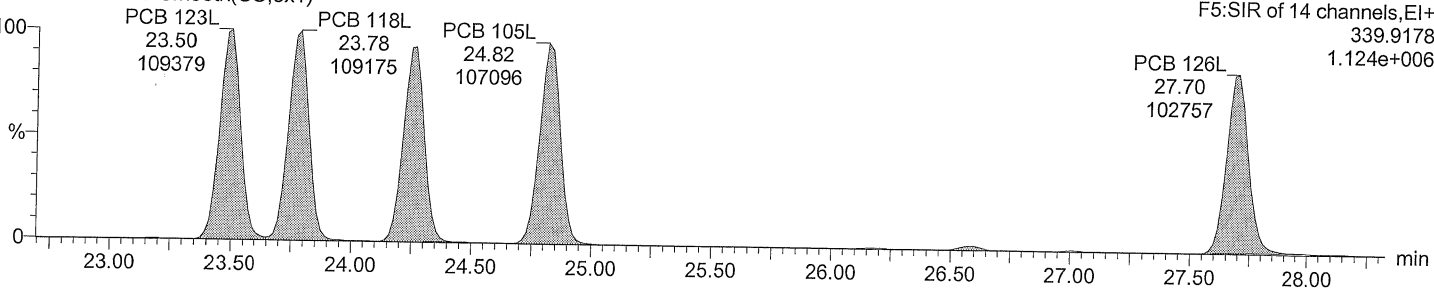
Total PeCB labeled F5

M2160218DS012 Smooth(SG,3x1)



Total PeCB labeled F5

M2160218DS012 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

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Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

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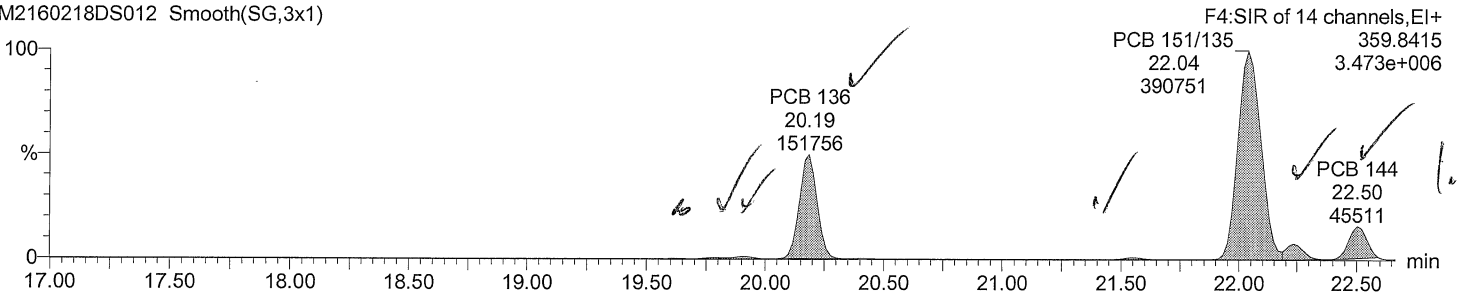
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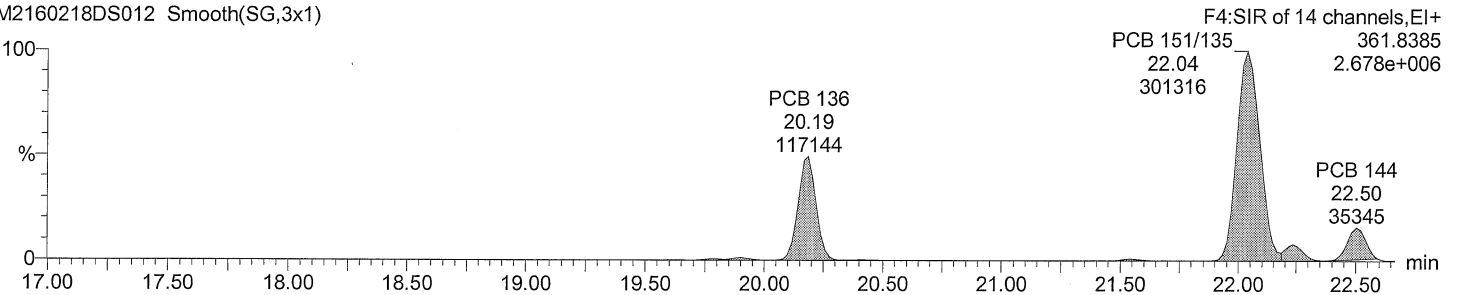
Total HxCB F4

M2160218DS012 Smooth(SG,3x1)



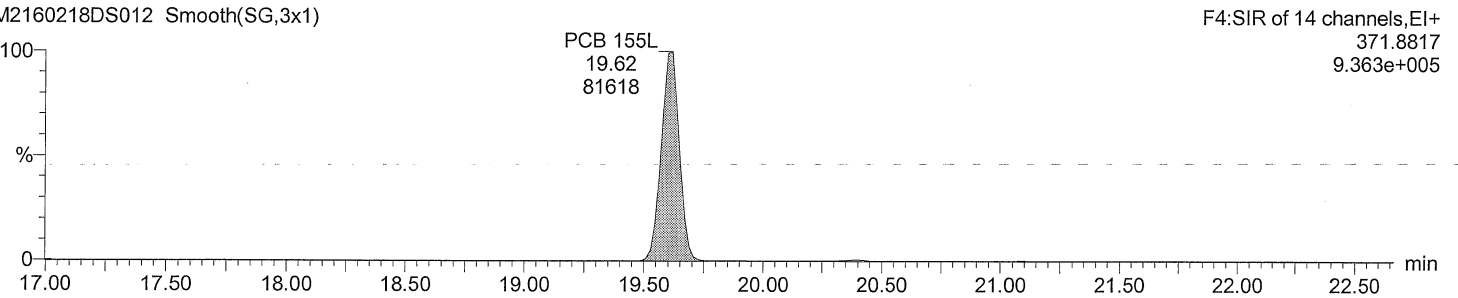
Total HxCB F4

M2160218DS012 Smooth(SG,3x1)



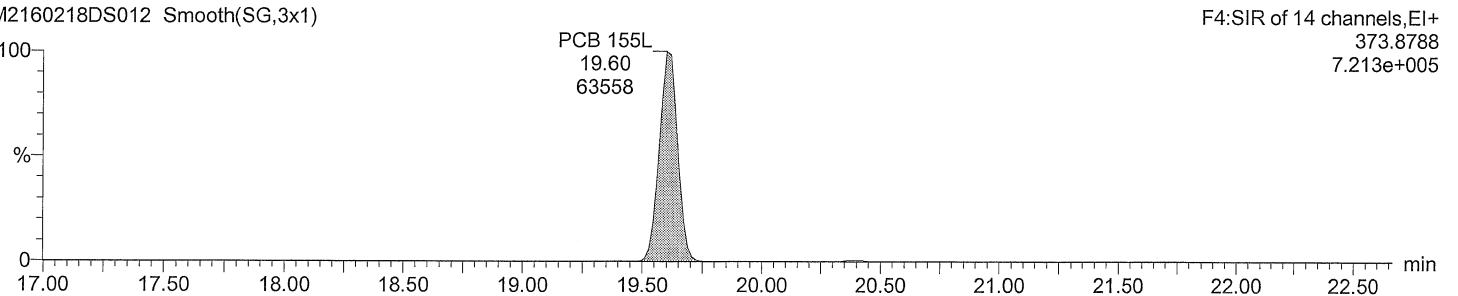
Total HxCB labeled F4

M2160218DS012 Smooth(SG,3x1)



Total HxCB labeled F4

M2160218DS012 Smooth(SG,3x1)



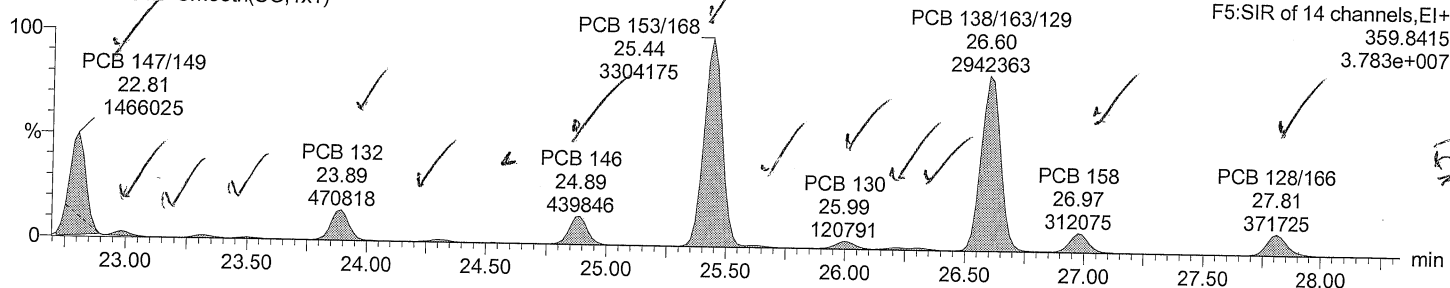
Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

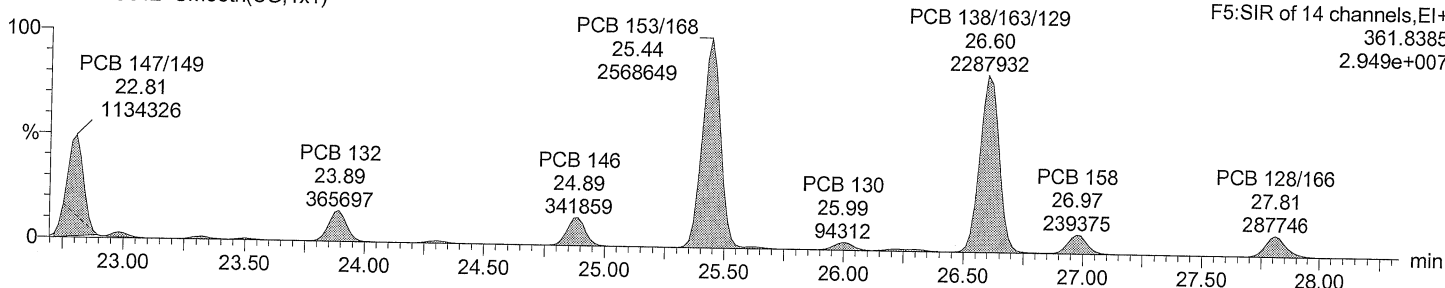
Total HxCB F5

M2160218DS012 Smooth(SG,1x1)



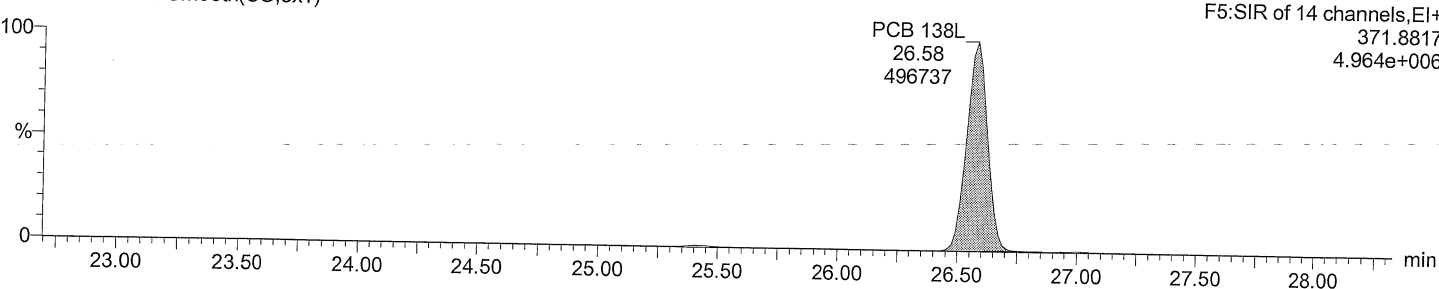
Total HxCB F5

M2160218DS012 Smooth(SG,1x1)



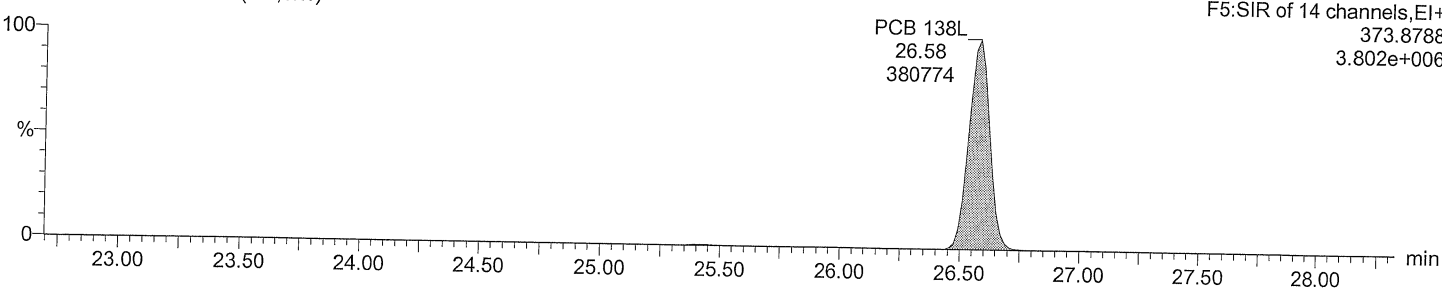
Total HxCB labeled F5

M2160218DS012 Smooth(SG,3x1)



Total HxCB labeled F5

M2160218DS012 Smooth(SG,3x1)



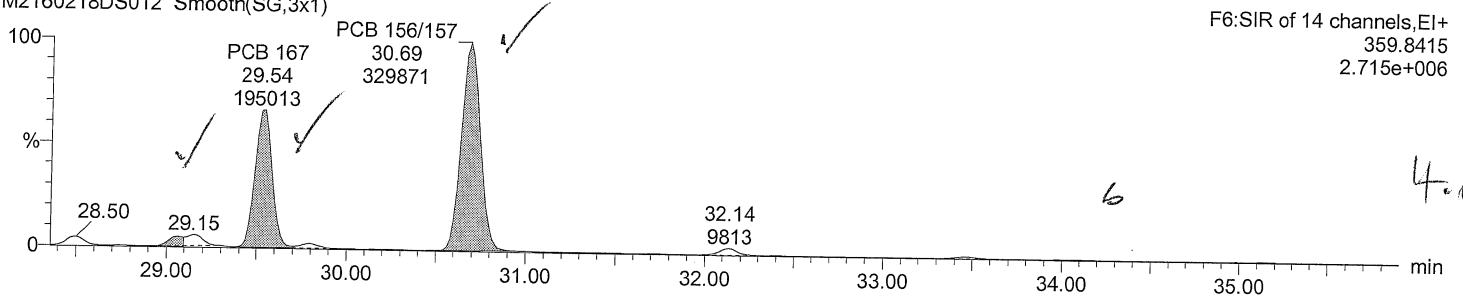
Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

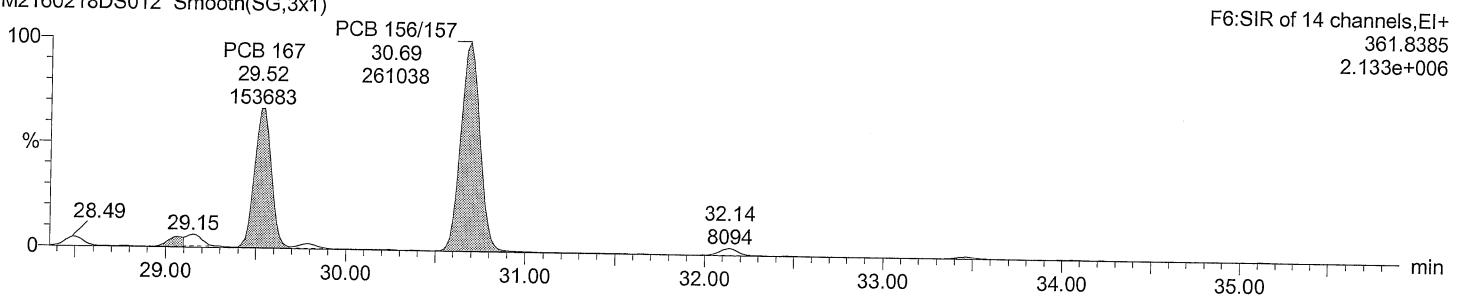
Total HxCB F6

M2160218DS012 Smooth(SG,3x1)



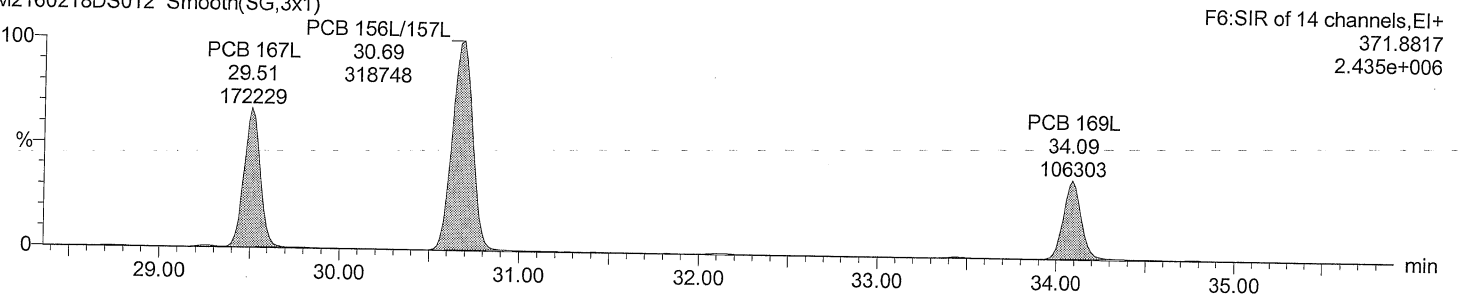
Total HxCB F6

M2160218DS012 Smooth(SG,3x1)



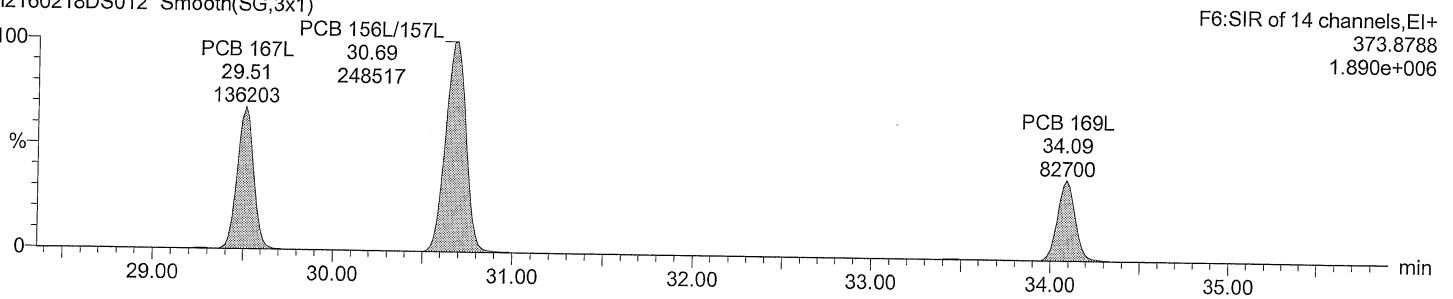
Total HxCB labeled F6

M2160218DS012 Smooth(SG,3x1)



Total HxCB labeled F6

M2160218DS012 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time

Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: REF MAT

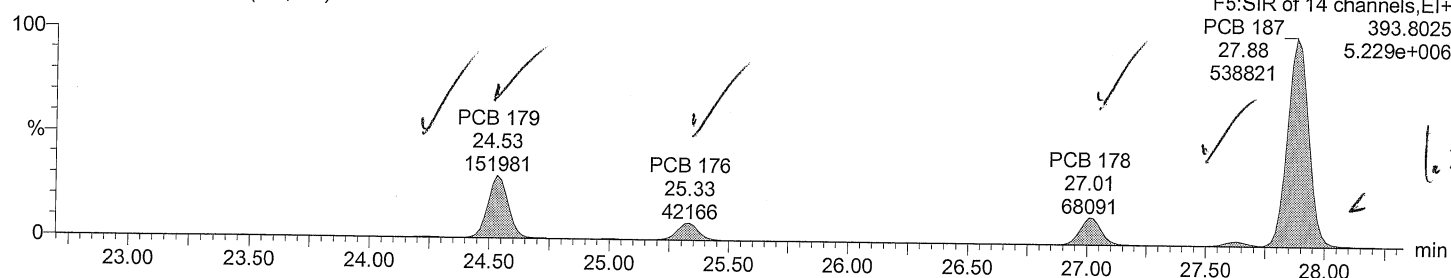
Vial: 12

Date: 18-FEB-2016

Time: 03:39:40

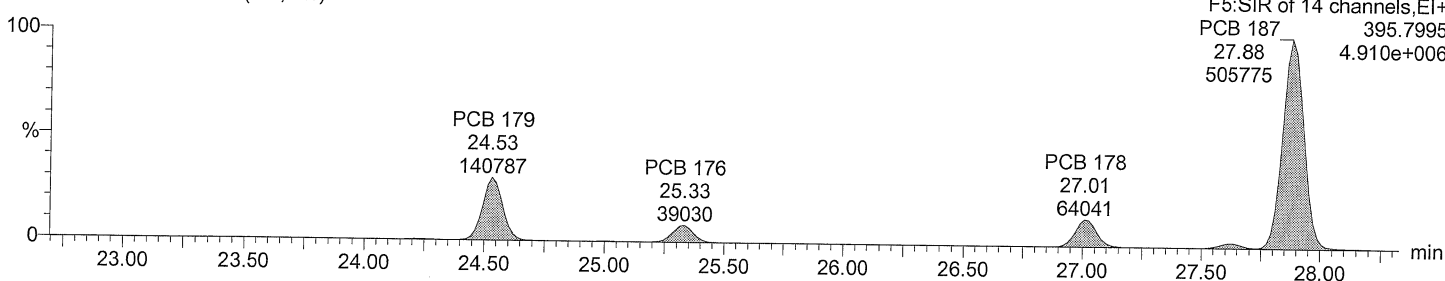
Total HpCB F5

M2160218DS012 Smooth(SG,3x1)



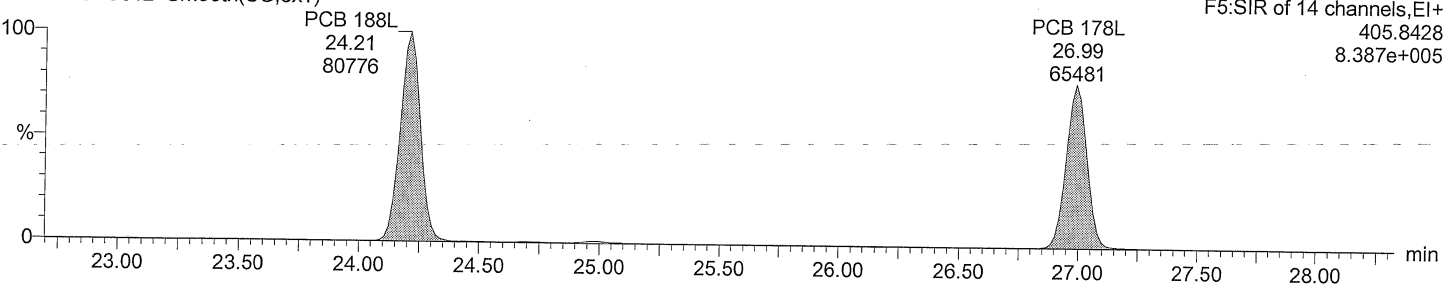
Total HpCB F5

M2160218DS012 Smooth(SG,3x1)



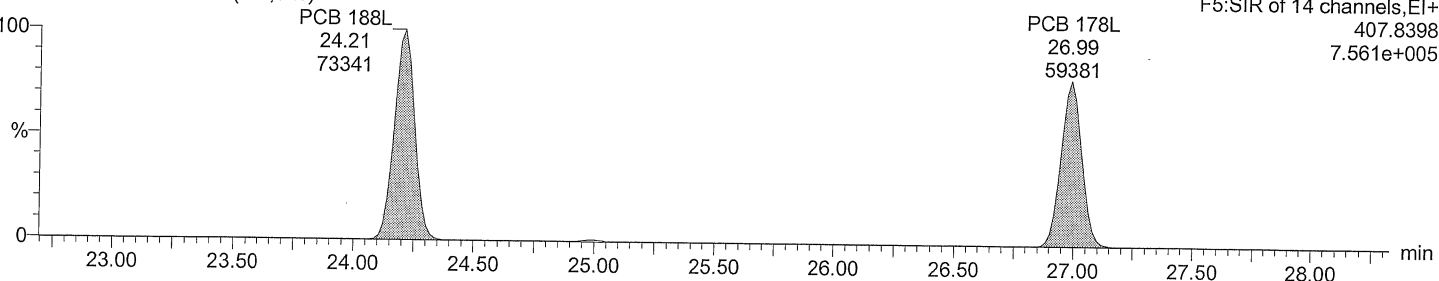
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M2160218DS012 Smooth(SG,3x1)



Total HpCB labeled F5

M2160218DS012 Smooth(SG,3x1)

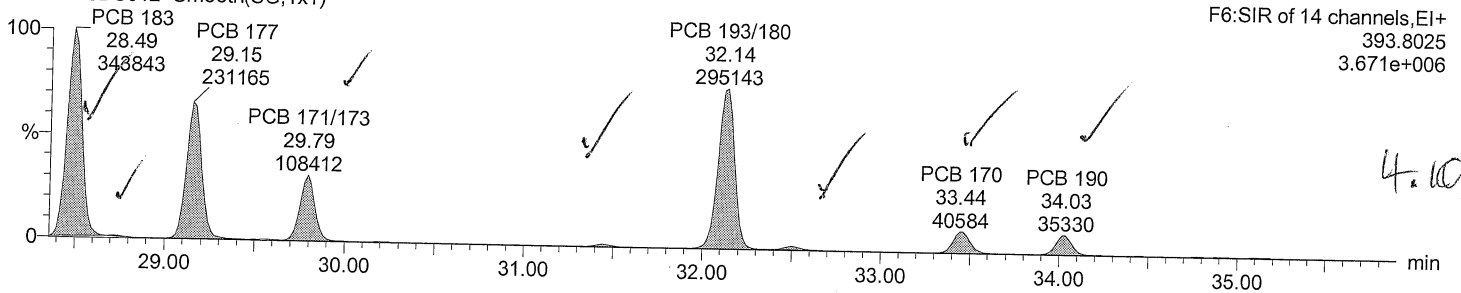


Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld
Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

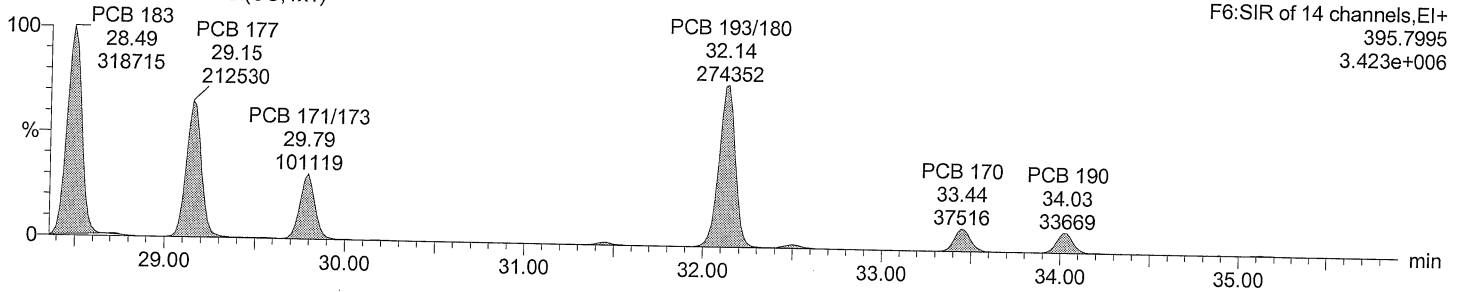
Total HpCB F6

M2160218DS012 Smooth(SG,1x1)



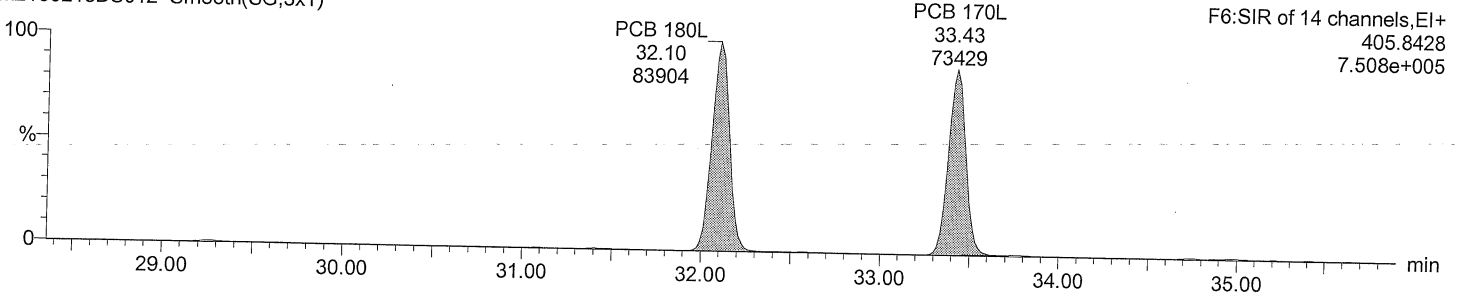
Total HpCB F6

M2160218DS012 Smooth(SG,1x1)



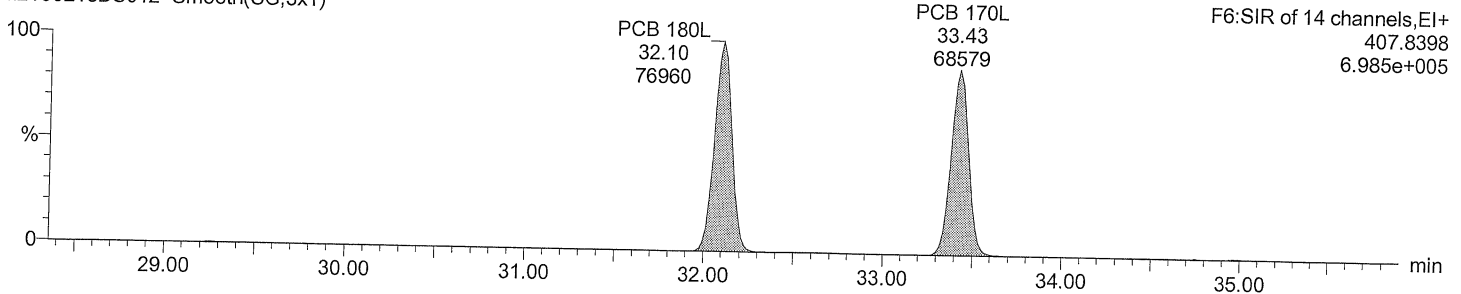
Total HpCB labeled F6

M2160218DS012 Smooth(SG,3x1)



Total HpCB labeled F6

M2160218DS012 Smooth(SG,3x1)



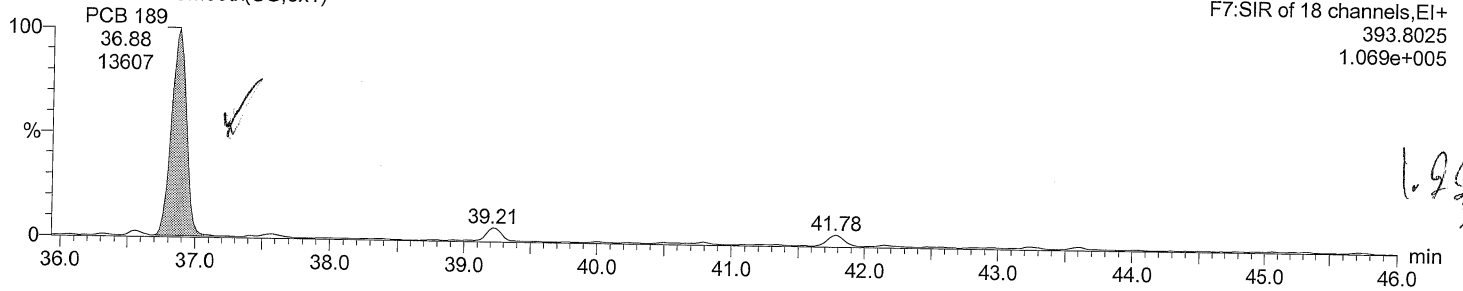
Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

Total HpCB F7

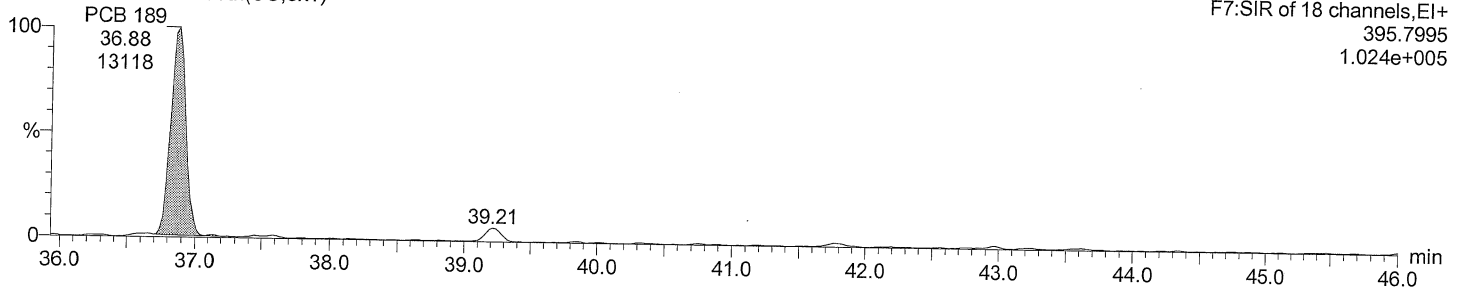
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1.99

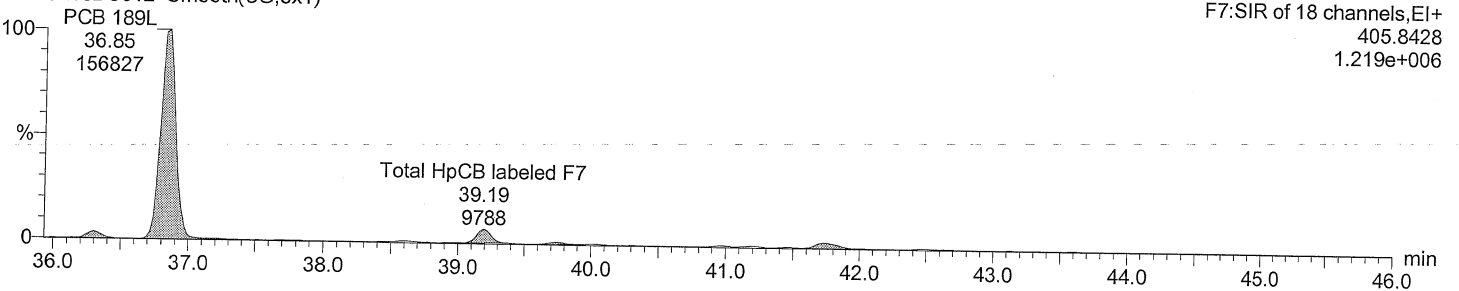
Total HpCB F7

M2160218DS012 Smooth(SG,3x1)



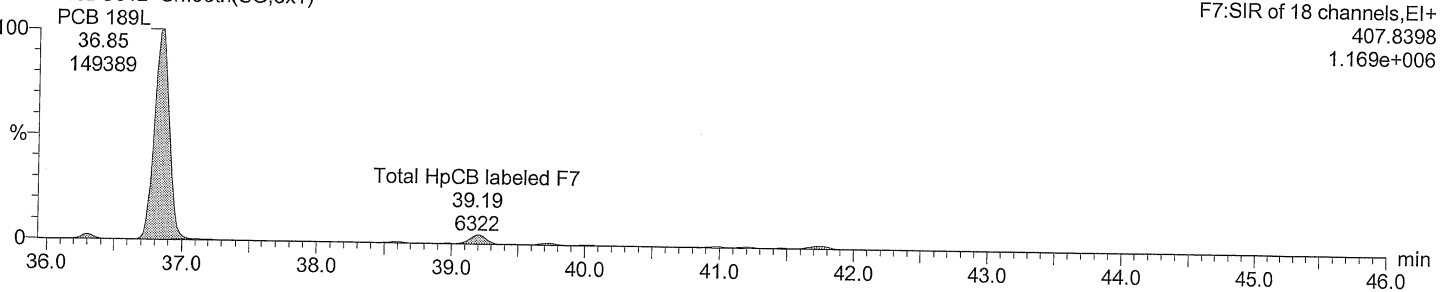
Total HpCB labeled F7

M2160218DS012 Smooth(SG,3x1)



Total HpCB labeled F7

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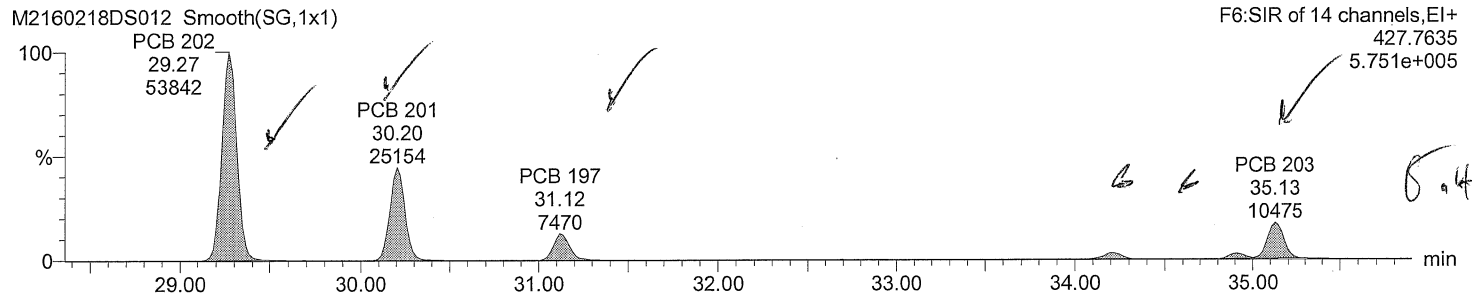


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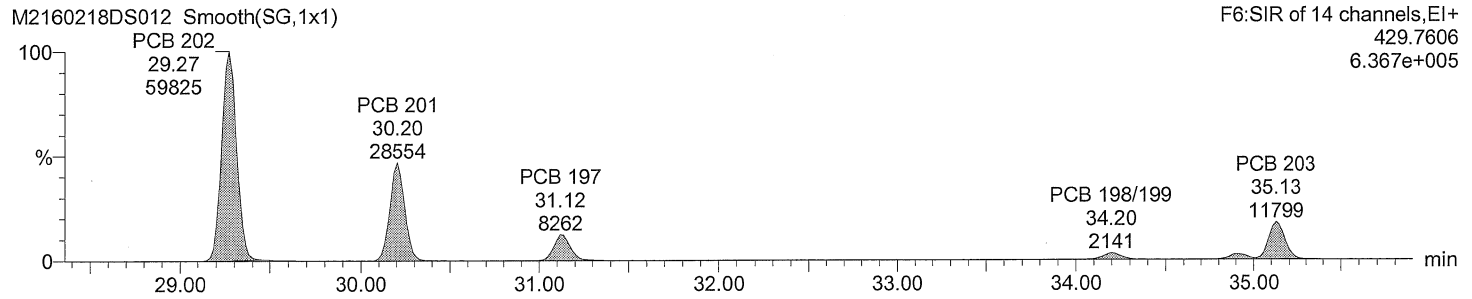
Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

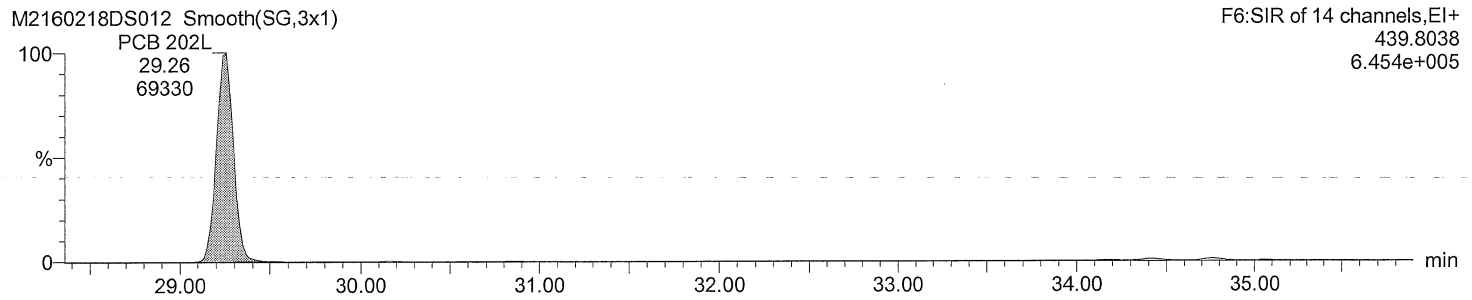
Total OcCB F6



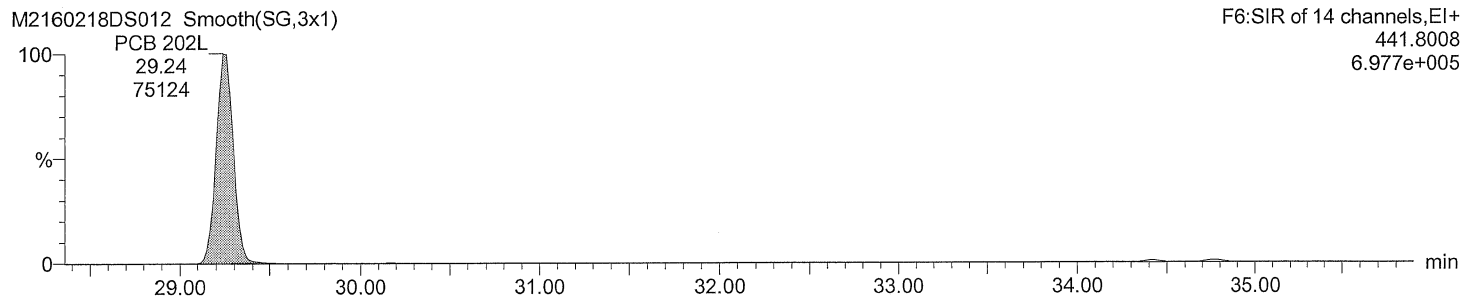
Total OcCB F6



Total OcCB labeled F6



Total OcCB labeled F6



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time

Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: REF MAT

Vial: 12

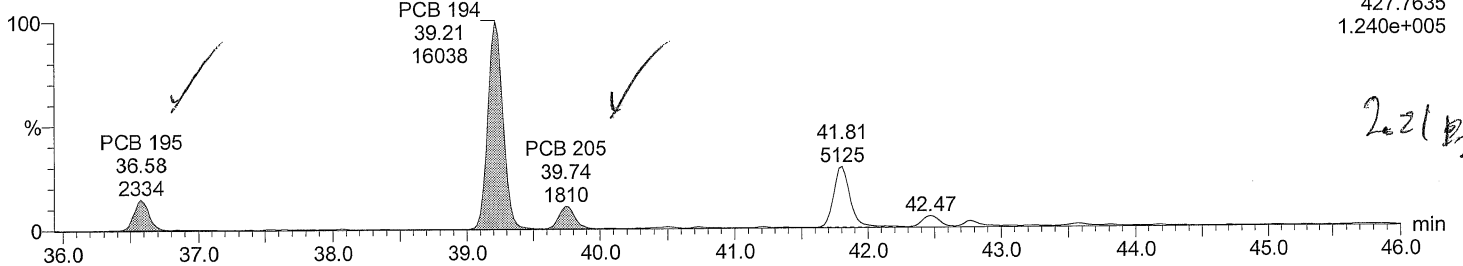
Date: 18-FEB-2016

Time: 03:39:40

Total OoCB F7

M2160218DS012 Smooth(SG,3x1)

F7:SIR of 18 channels,EI+
427.7635
1.240e+005

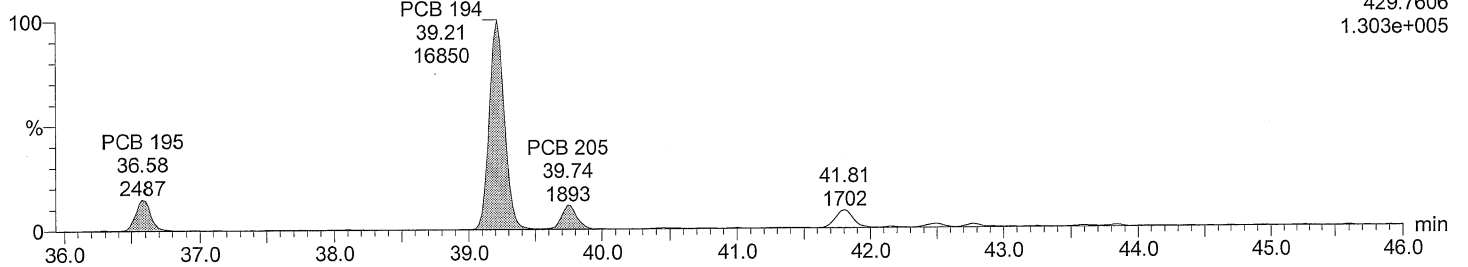


2021 B3

Total OoCB F7

M2160218DS012 Smooth(SG,3x1)

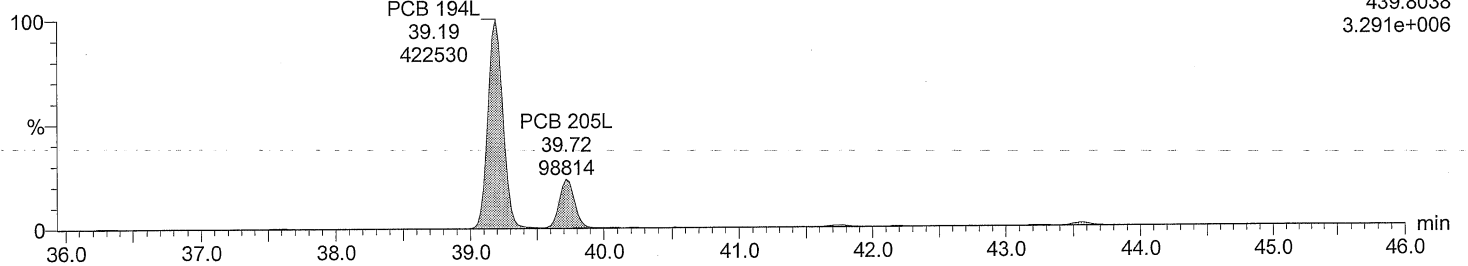
F7:SIR of 18 channels,EI+
429.7606
1.303e+005



Total OoCB labeled F7

M2160218DS012 Smooth(SG,3x1)

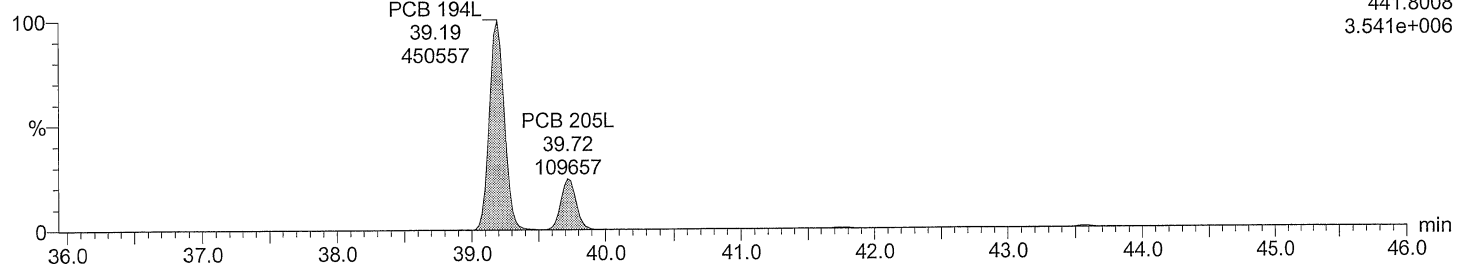
F7:SIR of 18 channels,EI+
439.8038
3.291e+006



Total OoCB labeled F7

M2160218DS012 Smooth(SG,3x1)

F7:SIR of 18 channels,EI+
441.8008
3.541e+006

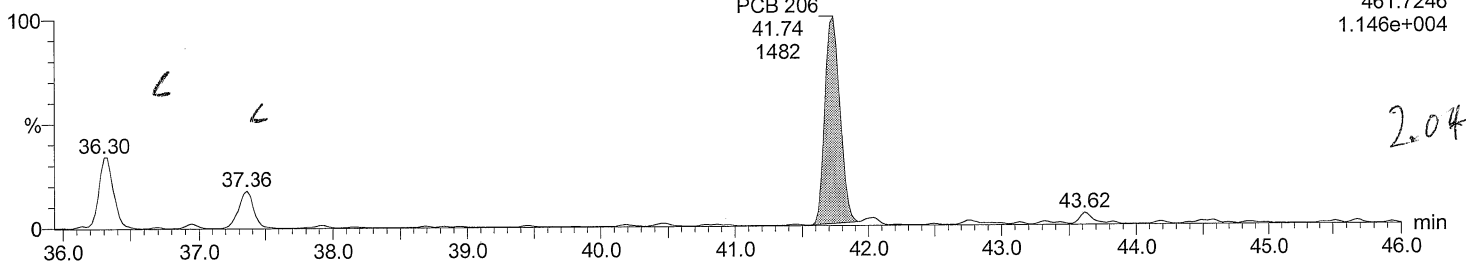


Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld
Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

Total NoCB F7

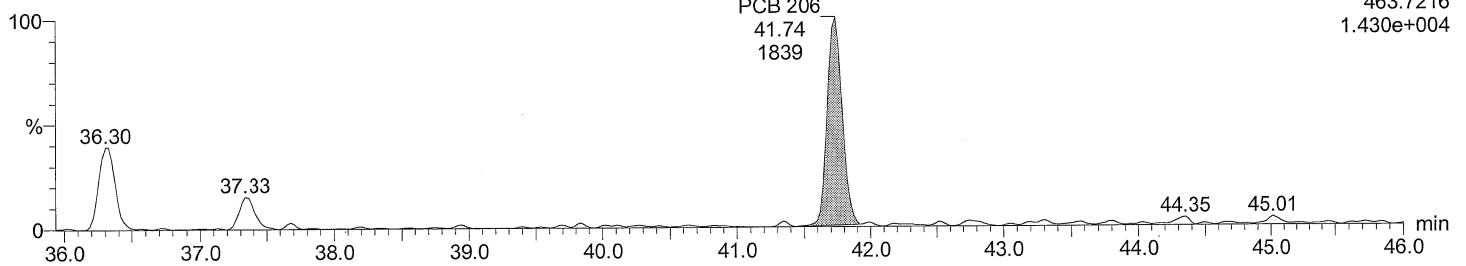
M2160218DS012 Smooth(SG,3x1)



2.04 *kg*

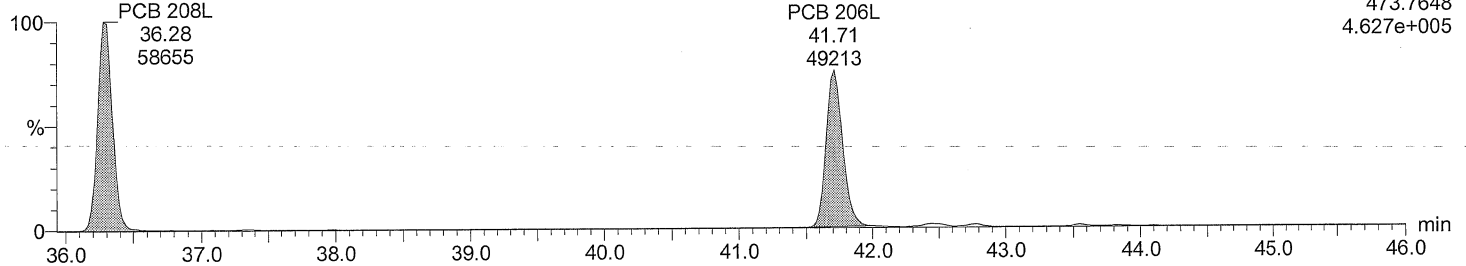
Total NoCB F7

M2160218DS012 Smooth(SG,3x1)



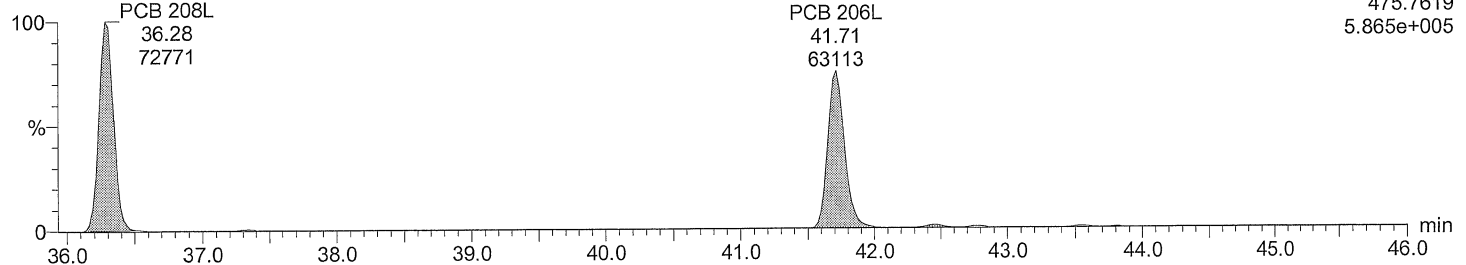
Total NoCB labeled F7

M2160218DS012 Smooth(SG,3x1)



Total NoCB labeled F7

M2160218DS012 Smooth(SG,3x1)



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

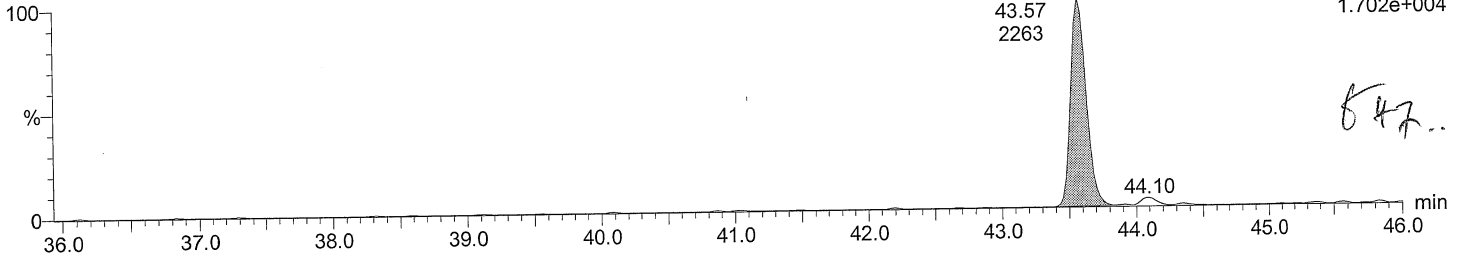
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Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time
Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti
Description: REF MAT
Vial: 12
Date: 18-FEB-2016
Time: 03:39:40

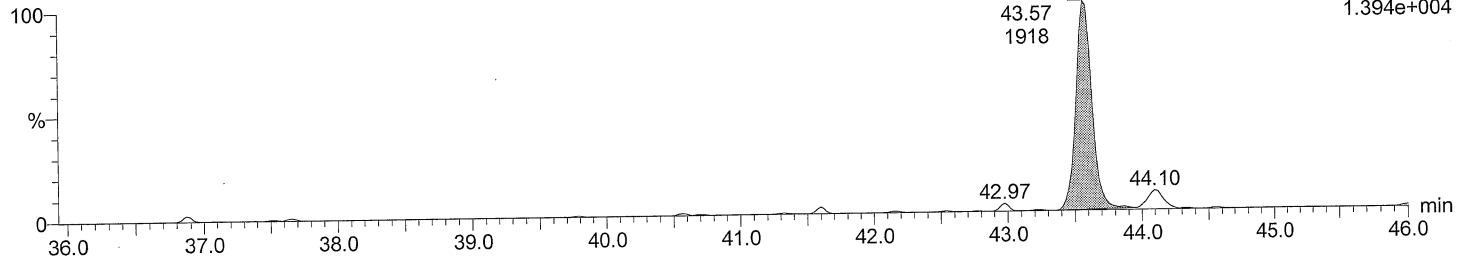
Total DeCB F7

M2160218DS012 Smooth(SG,3x1)



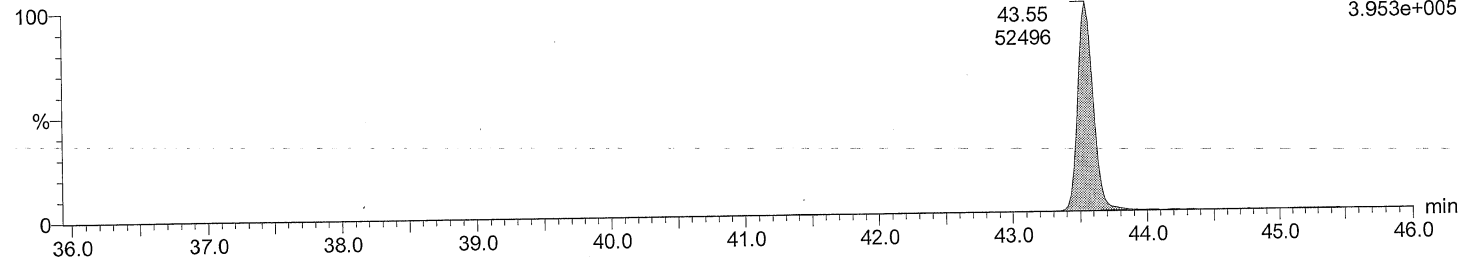
Total DeCB F7

M2160218DS012 Smooth(SG,3x1)



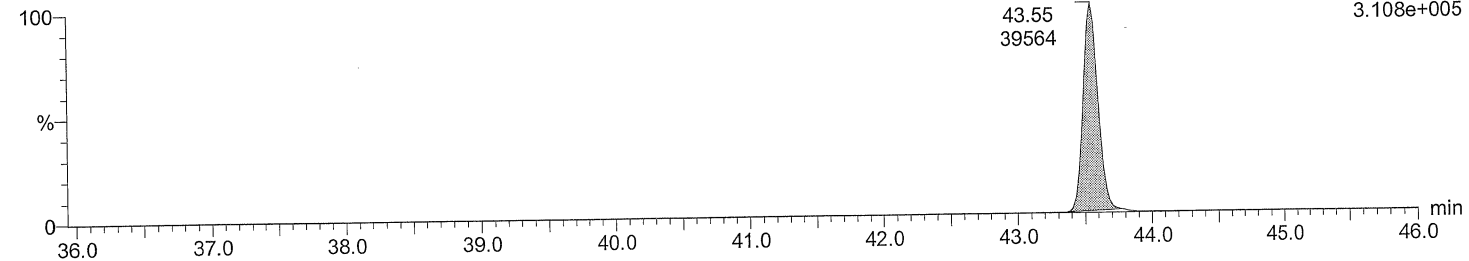
Total DeCB labeled F7

M2160218DS012 Smooth(SG,3x1)



Total DeCB labeled F7

M2160218DS012 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time

Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

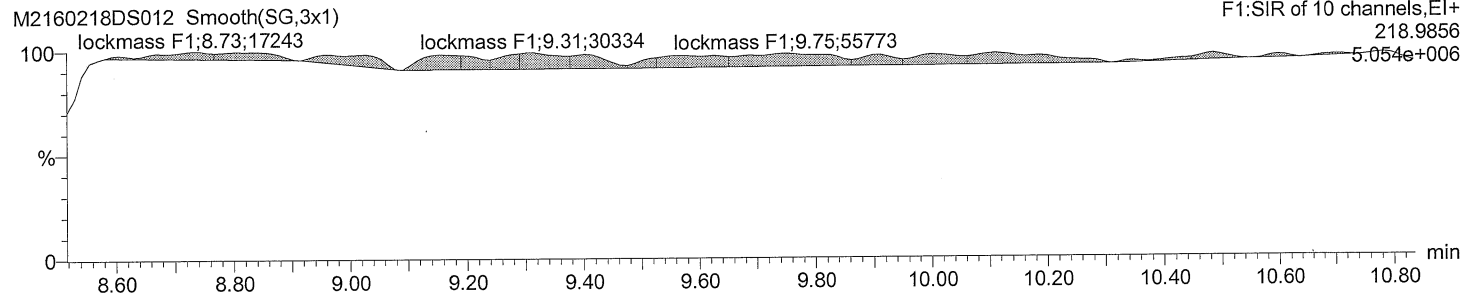
Description: REF MAT

Vial: 12

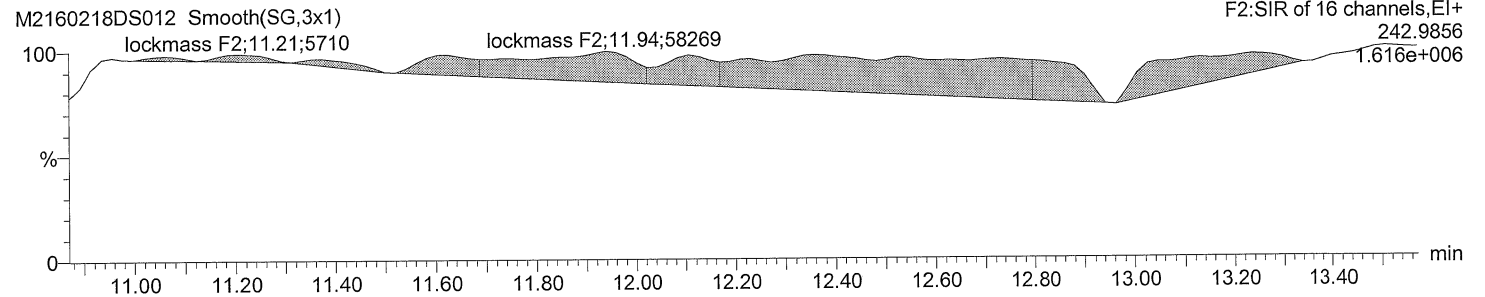
Date: 18-FEB-2016

Time: 03:39:40

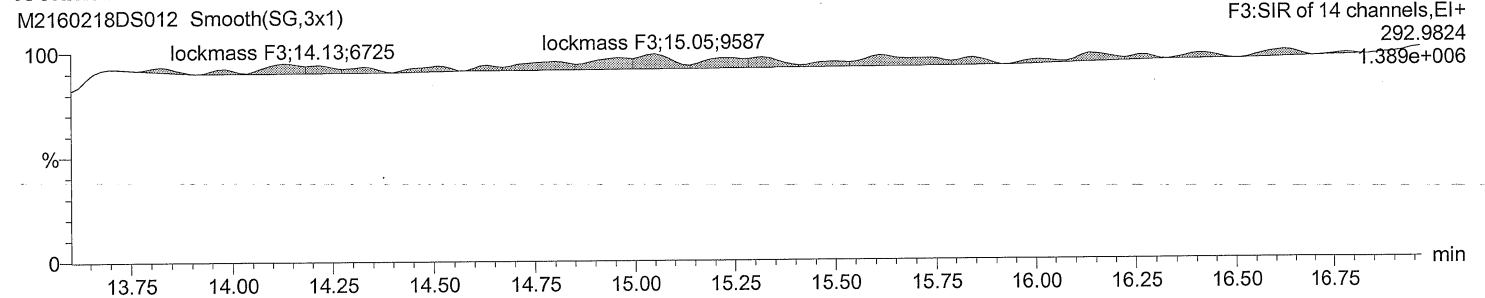
lockmass F1



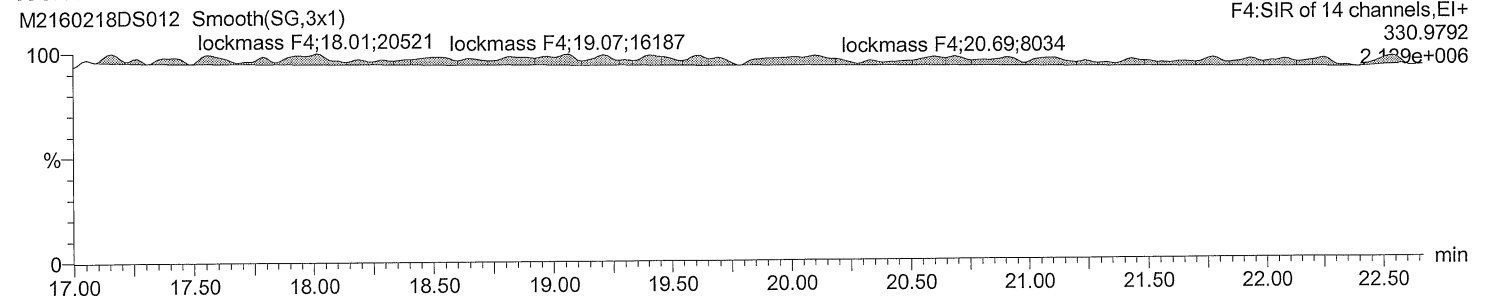
lockmass F2



lockmass F3



lockmass F4



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 22, 2016 09:42:26 AM Eastern Standard Time

Printed: February 22, 2016 09:47:16 AM Eastern Standard Time

ID: WS#4386412/4378609, Ti

Description: REF MAT

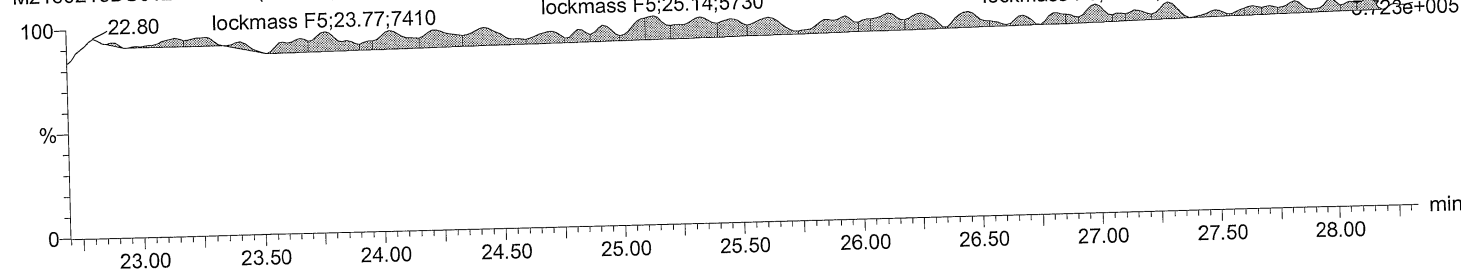
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Time: 03:39:40

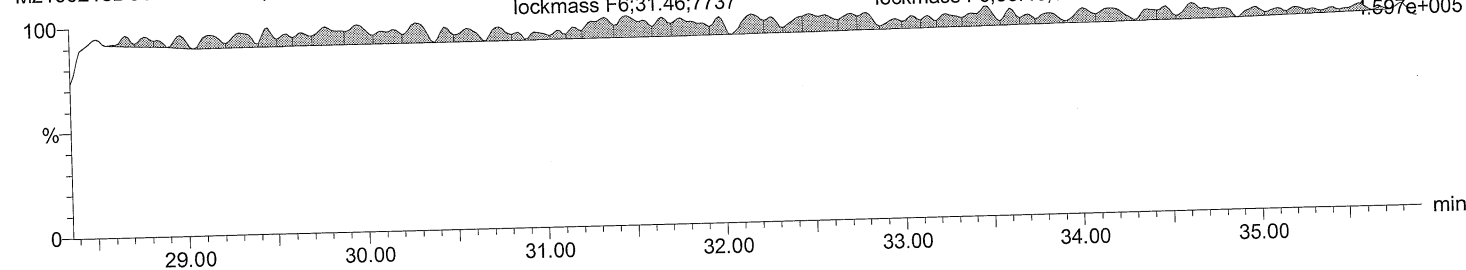
lockmass F5

M2160218DS012 Smooth(SG,3x1)



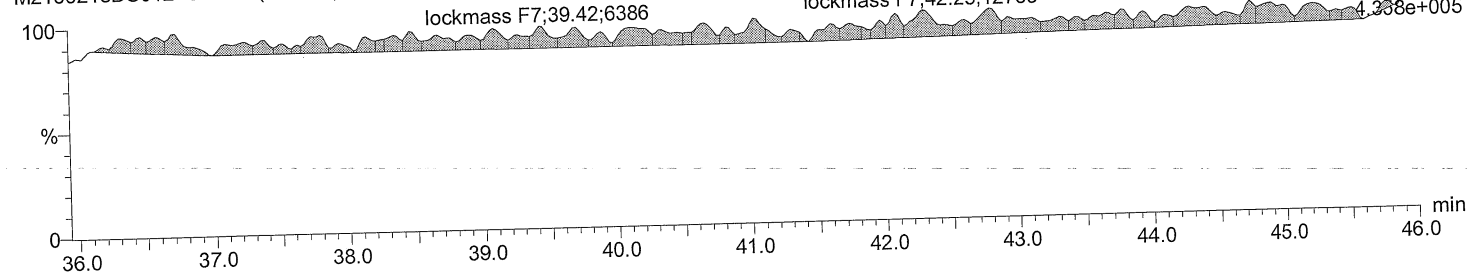
lockmass F6

M2160218DS012 Smooth(SG,3x1)



lockmass F7

M2160218DS012 Smooth(SG,3x1)



Below
16.02.22
AM...

M2160218DS012 Smooth(SG,1x1)
REF MAT WS#4386412/4378609, TI

100
%
0

PCB 73
15.52
31930.01
0.79 1.96%

M2160218DS012 Smooth(SG,1x1)
REF MAT WS#4386412/4378609, TI

100
%
0

PCB 73
15.52
40671.49

M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI

100
%
0

M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI

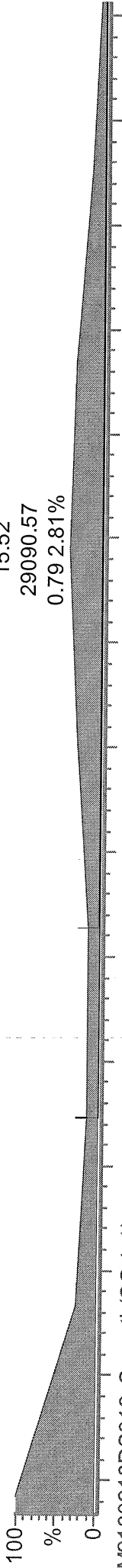
100
%
0

FEB 23 2016

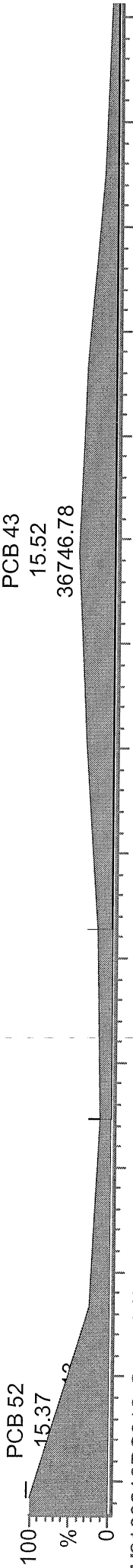


M2 16/02/22 : AH

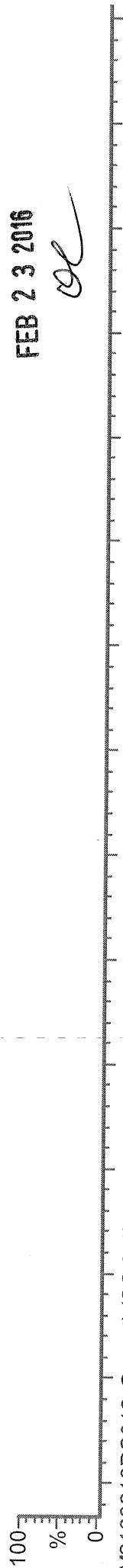
M2160218DS012 Smooth(SG,1x1)
REF MAT WS#4386412/4378609, Ti



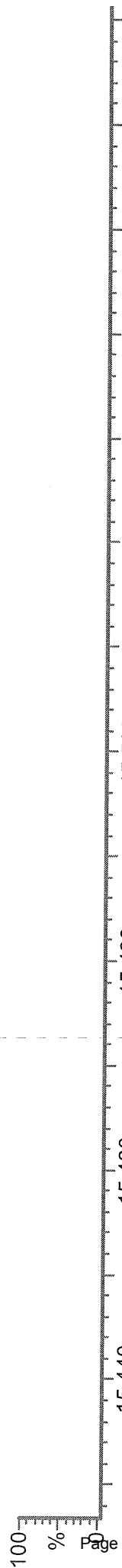
M2160218DS012 Smooth(SG,1x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



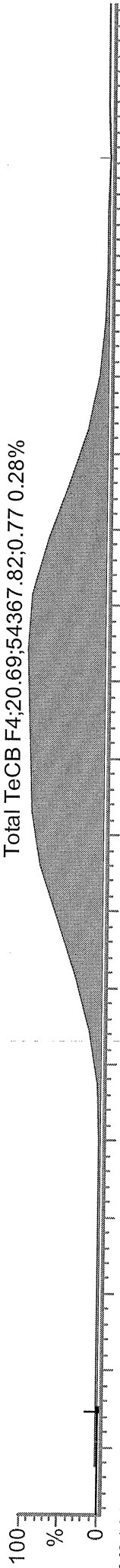
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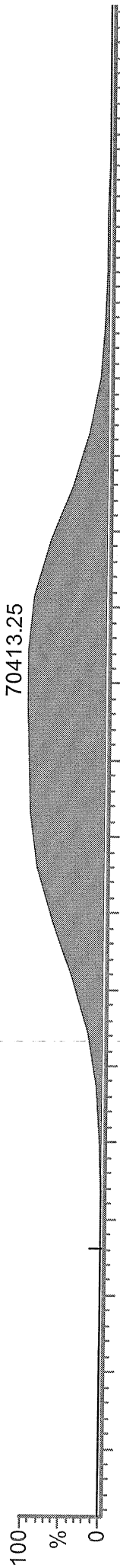
FEB 23 2016
DL

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15:02:22
AA-

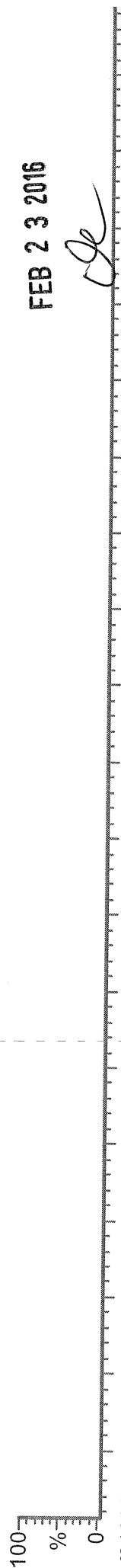
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REF MAT WS#4386412/4378609, Ti



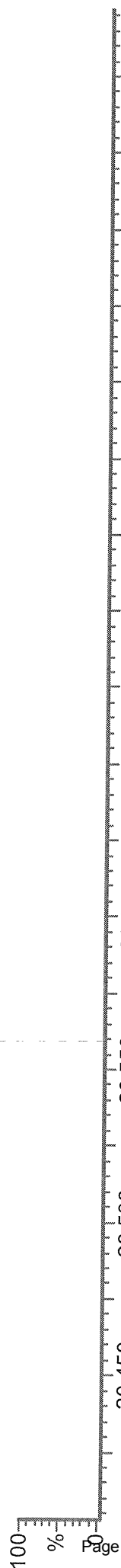
M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



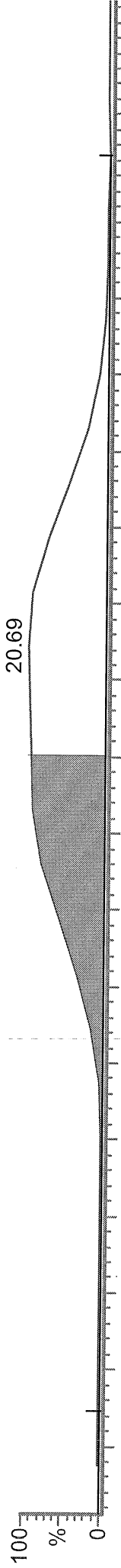
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REF MAT WS#4386412/4378609, Ti



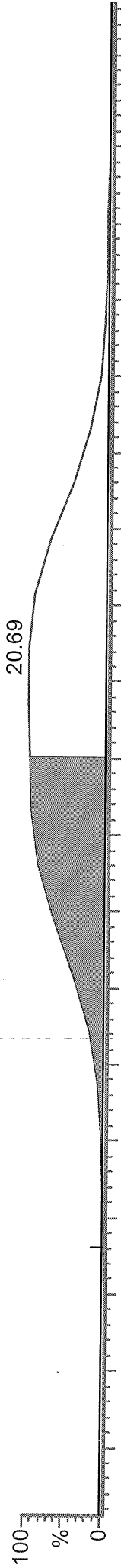
FEB 23 2016

M3 16/02/22 : AH

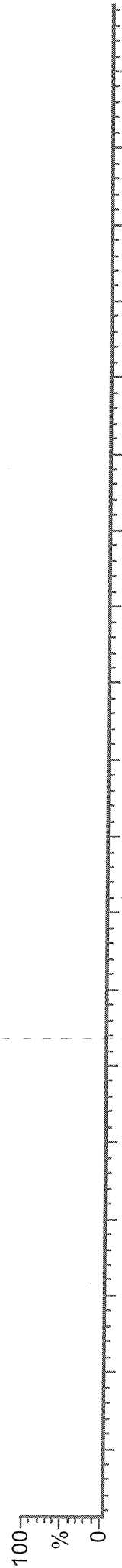
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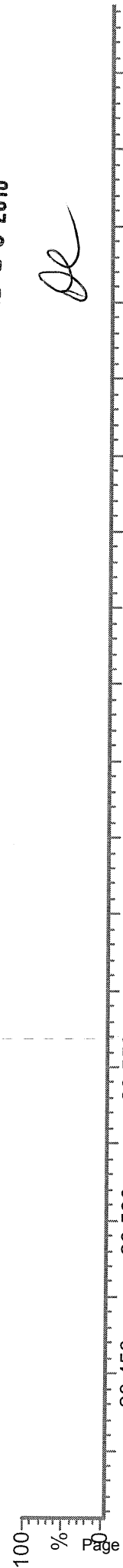
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REF MAT WS#4386412/4378609, Ti



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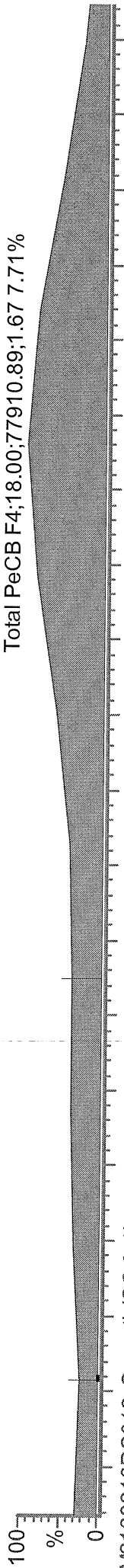


M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti

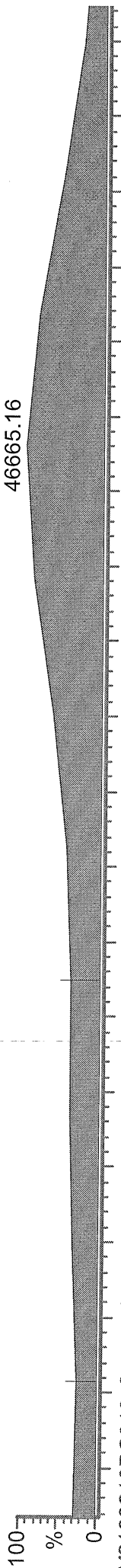


FEB 23 2016

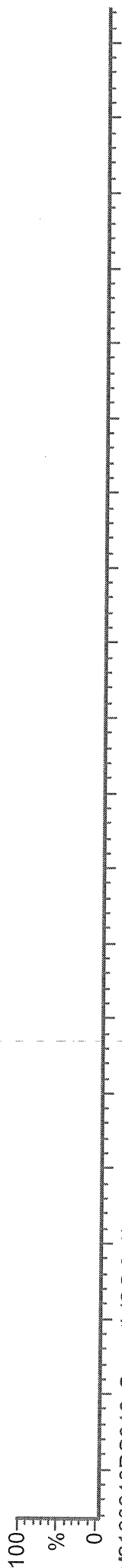
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REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



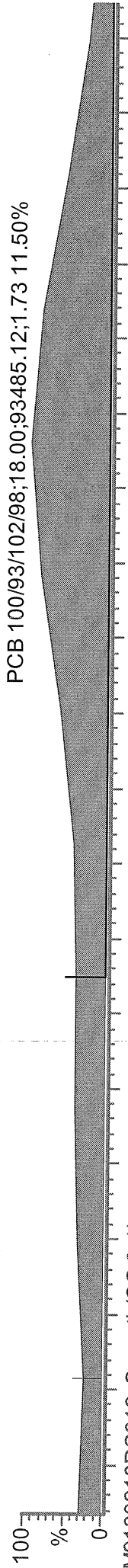
Below
6.02.22
A#

FEB 23 2016

M3 16/02/22 : AH

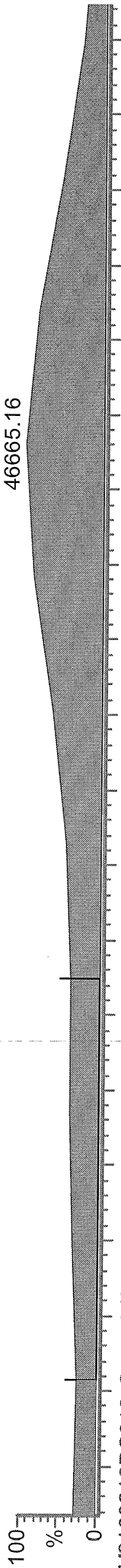
Maxxam Analy

M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, Ti

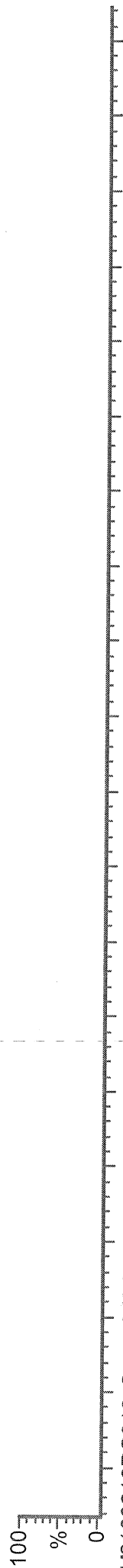


M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, Ti

18.00
46665.16

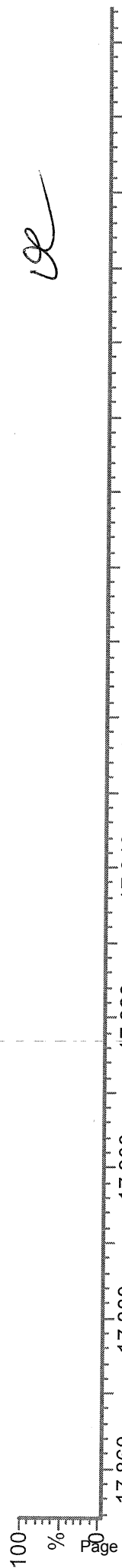


M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti

FEB 23 2016



Before
15.02.22
Atr.

M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, Ti

21.58
146902.98
1.66 7.40%

PCB 111
21.86
3350.41
1.81 16.75%

M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, Ti

PCB 82
21.58
88248.19

PCB 111
21.86
1851.44

M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti

100
%
0

M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti

100
%
0

FEB 23 2016

de

21.720 21.740 21.760 21.780 21.800 21.820 21.840 21.860 21.880 21.900 21.920 21.940 21.960

M3 16/02/22 : AH

Maxxam Analysis

M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, TI

21.58
146902.98
1.66 7.40%

PCB 111
21.86
2580.03
1.39 -10.09%

M2160218DS012 Smooth(SG,2x1)
REF MAT WS#4386412/4378609, TI

PCB 82
21.58
88248.19

PCB 111
21.86
1851.44

M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI

100
%
0

M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI

100
%
0

FEB 23 2016

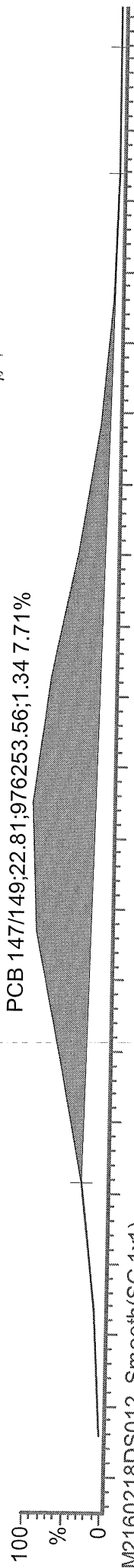
21.720 21.740 21.760 21.780 21.800 21.820 21.840 21.860 21.880 21.900 21.920 21.940 21.960

Before

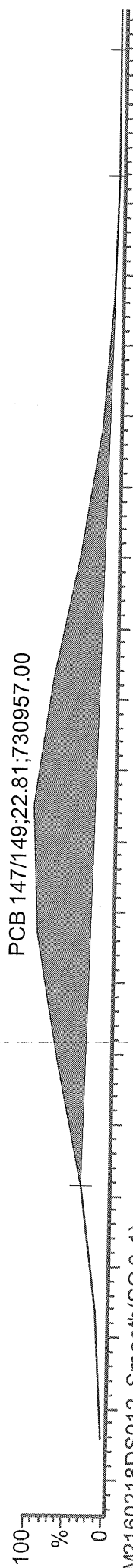
15.02.22

HA...

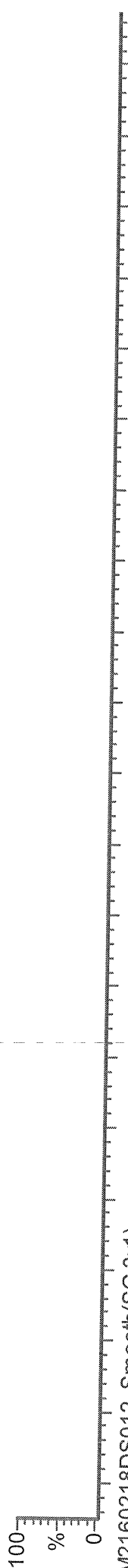
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REF MAT WS#4386412/4378609, TI



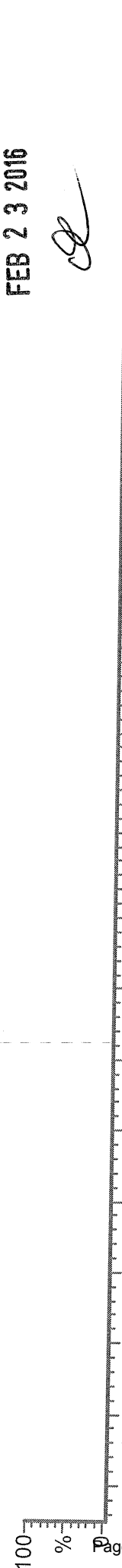
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REF MAT WS#4386412/4378609, TI



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, TI

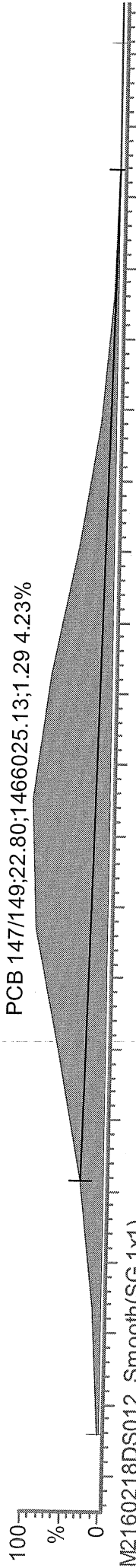


FEB 23 2016

M3 16/02/22 : AH

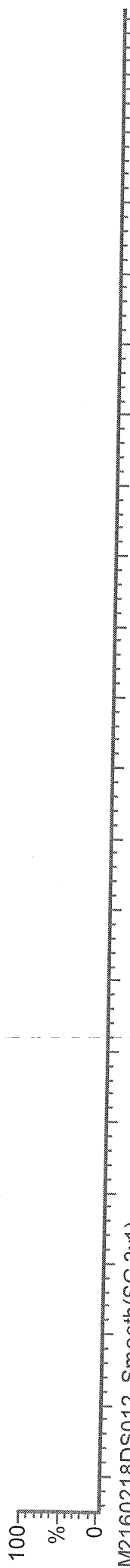
Maxxam Anal

M2160218DS012 Smooth(SG,1x1)
REF MAT WS#4386412/4378609, Ti

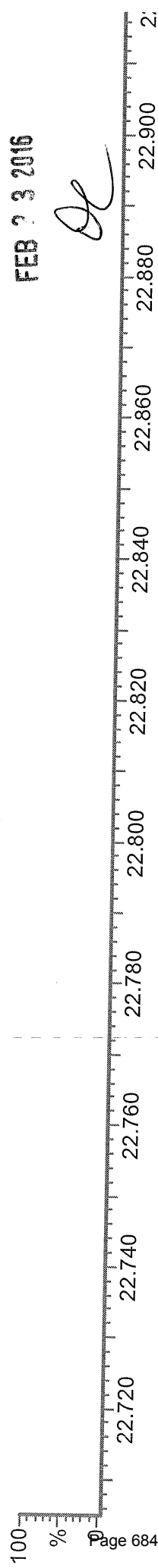


PCB 147/149;22.80;1134326.00

M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti

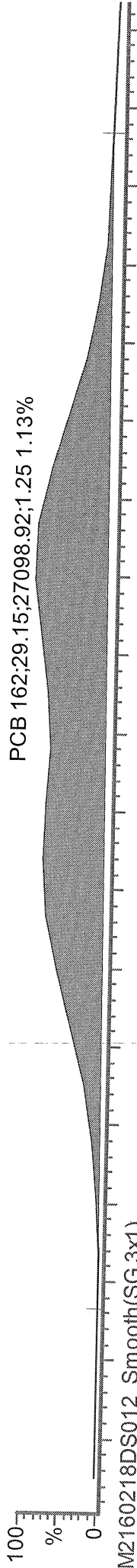


M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti

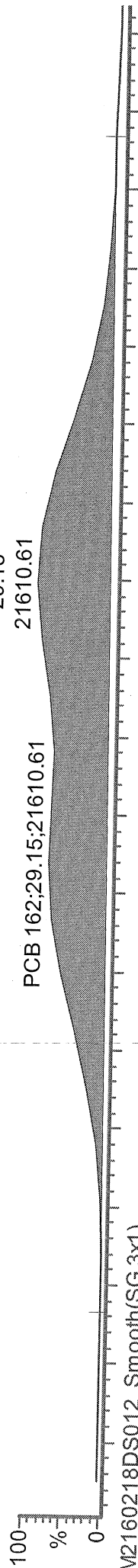


FEB 23 2016

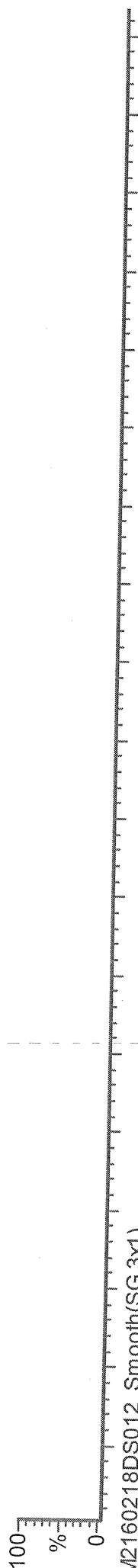
M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



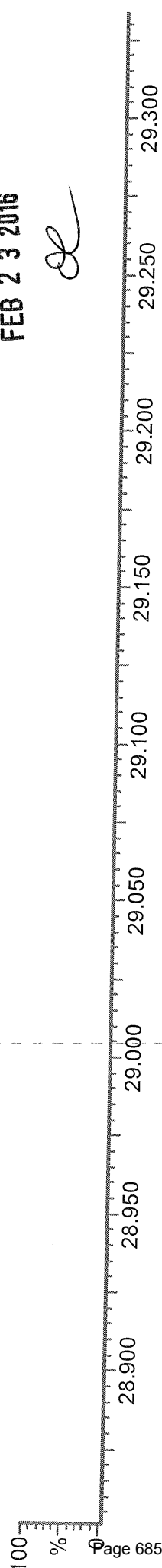
M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti

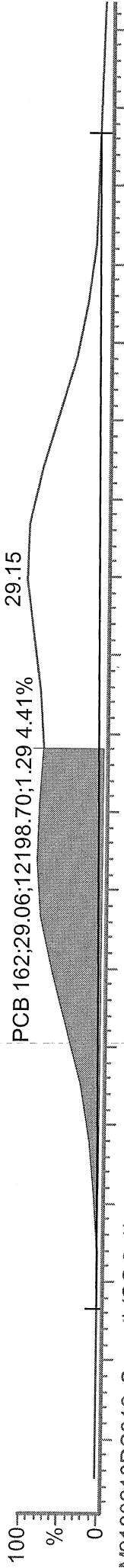


Before
18.02.22
AA

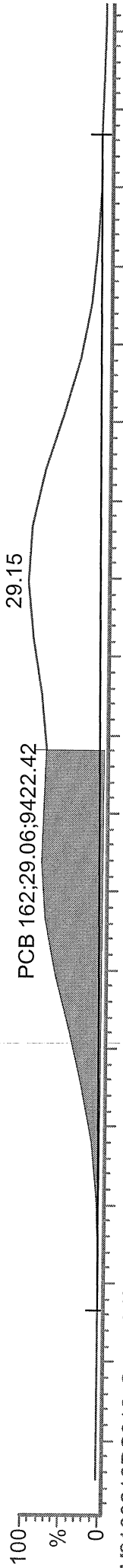
FEB 23 2016

M3 16/02/22 : AH

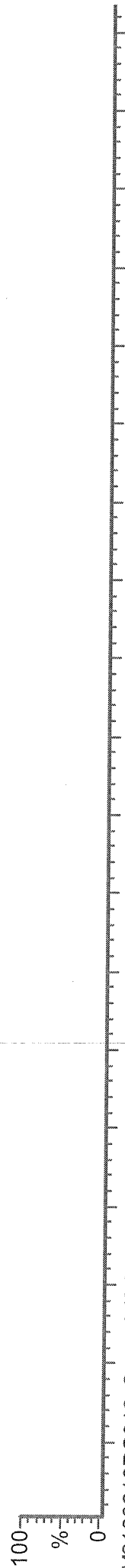
M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



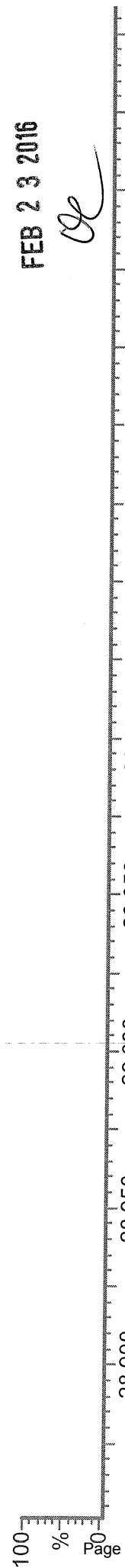
M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



M2160218DS012 Smooth(SG,3x1)
REF MAT WS#4386412/4378609, Ti



FEB 23 2016

M2160219 - PCB

File Name	File Text	Sample ID	Job	Wt/Vol
---	---	---	---	1.000000
M2160211AS002	CS1_PCB 150417CXU	---	---	1.000000
M2160211AS003	CS2_PCB 150417CXU	---	---	1.000000
M2160211AS004	CS3_PCB 150417CXU	---	---	1.000000
M2160211AS005	CS4_PCB 150417CXU	---	---	1.000000
M2160211AS006	CS5_PCB 150417CXU	---	---	1.000000
M2160211AS007	SOLVENT	---	---	1.000000
M2160211AS008	CIL CS3 PCB PR-22535L	---	---	1.000000
M2160211AS009	209MIX_PCB 150822CXU	---	---	0.000000
---	---	---	---	0.000000
---	---	---	---	1.000000
---	---	---	---	1.000000
M2160219AS001	CS3_PCB 150417CXU	---	---	1.000000
M2160219BS001	209MIX_PCB 150822CXU	---	---	1.000000
M2160219BS002	SOLVENT	---	---	10.634400
M2160219BS003	BRP512-01R ✓	Anchor QEA, PG-SMA2-5-MUS-COC-16010, Ti	---	10.133900
M2160219BS004	BRP513-01R ✓	Anchor QEA, PG-SMA2-4-MUS-COC-16010, Ti	---	10.091400
M2160219BS005	BRP572-01R ✓	Anchor QEA, PG-T0-5-MUS-COC-151030, Ti	---	10.012900
M2160219BS006	BTX904-01R - Dil'n - Re-	Apex AMCCO-SB095-0-1, S	---	1.000000
M2160219BS007	SOLVENT	---	---	9.923900
M2160219BS008	BTZ870-01R ✓	MAXXAM OB0623 \ 10-BH16-1 S-3, S	---	9.769200
M2160219BS009	BTZ874-01R ✓	MAXXAM OB0629 \ 10-BH16-6 S-2, S	---	9.500500
M2160219BS010	BTZ875-01R ✓	MAXXAM OB0630 \ 10-BH16-6 S-24, S	---	10.003400
M2160219BS011	BTZ876-01R ✓	MAXXAM OB0632 \ TH100 S-1, S	---	10.005300
M2160219BS012	BUA896-01R - Dil'n - Re-	MAXXAM PCB CONENERS IN SOIL/LOT, S	---	1.000000
M2160219BS013	SOLVENT	---	---	1.000000
M2160219BS014	CS3_PCB 150417CXU	---	---	1.000000
M2160219BS017	SOLVENT	---	---	1.000000
M2160219BS018	SOLVENT	---	---	1.000000
M2160219BS019	PCB R.S. 16/02/19 test ✓	100uL nonane + 10uL R.S. solution	---	1.000000
M2160219BS020	PCB R.S. 15/11/04 ✓	100uL nonane + 10uL R.S. solution	---	1.000000



Report Name : Worksheet - (Liquids and Solids)

Assignment Date : Thursday, February 18, 2016

Assigned to : Cathy Xu

Test Code : PCBCONHR-T

Instrument Id: 220-GCHRMS2

Test Description : To determine PCB congeners in tissue - full list of congeners (must specify whether to calculate on Lipid content).

Job Number	Sample Number	D	Sample ID	F	% Moisture	Wt or Vol	Final Vol	DF or AF	# Cont	Expiry Date	Test DeadLine	Criteria	Extract Date
	REF MAT		MHRPD										2016/02/11
	SPIKE	0	MHRPD										2016/02/11
	SPIKE	1	MHRPD										2016/02/11
	BLANK												2016/02/11
B612062	*BRP508-01R		PG-SMA2-2-MUS-*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP509-01R		PG-PJ-1-MUS-COC*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP510-01R	0	PG-WS-1-MUS-CO*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP510-01R	1	PG-WS-1-MUS-CO*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP511-01R		PG-GP-1-MUS-CO*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP512-01R		PG-SMA2-5-MUS-*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612062	*BRP513-01R		PG-SMA2-4-MUS-*						1	2017/01/03	2016/02/23 23:00		2016/02/11
B612077	*BRP572-01R		PG-T0-MUS-COC-*						1	2016/10/29	2016/02/23 23:00		2016/02/11
B618913	BTC221-01R		FISH MEAL 5-3444*						1		2016/02/26 17:00		2016/02/11
B622429	BUA897-01R		PCB CONGENERS*						1		2016/02/28 18:00		2016/02/11

Remarks: _____

Samples extracted by: Sanjaykumar Patel

Instrumentation performed by: Cathy Xu

Calculations performed by: Cathy Xu

Maxxam Analyticals by: D. Conly

Date: 16/02/19
 Date: 16/02/23
 Date: 16/02/23 Page 688 of 988

Ultra Trace - Worksheet Validation Checklist

Prep Worksheet # <u>4378609</u>	Instrument Worksheet # <u>4386412</u>
Testcode: <u>PREPCB-T1</u>	Testcode: <u>PCB CONHR-T</u>

Sample Preparation

	yes	no	n/a
1 Samples extracted within hold time	✓		
2 Client sample ID verified against Lab ID	✓		
3 Job Remarks reviewed on 2nd page of worksheet & testcodes reviewed for spiking	✓		
4 Method required QC processed with samples	✓		
5 Sample, duplicate, matrix spike appear similar, initial sample as well as final extract	✓		
6 Sample weight or initial volume and extract final volume, aliquot factor clearly recorded.	✓		
7 If performed any additional dilution clearly recorded	✓		
8 Spiking solutions valid (haven't expired); ID and volume used clearly identified on worksheet	✓		
9 Spiking process witnessed and signed off	✓		
10 Sample prep deviations documented on Bench Level Deviation Form (CAM FCD-00328)			✓
11 tracking sheets completed	✓		

Prepared by: [Signature] Date: 2016/02/11
 Reviewed by: [Signature]
 Comments: _____
2/16/02/11

Primary review by the analyst - 100 % analysis review

	yes	no	n/a
1 System performance check acceptable (if applicable)	✓		
2 Analysis set-up meets method criteria	✓		
3 Tuning and correct calibration used - criteria meets method criteria	✓		
4 SQC/Control Charts updated, analysis in statistical/method control			✓
5 Internal area counts checked (if applicable)			✓
6 LCS, SRM are within acceptance criteria			✓
7 Surrogate Recovery(s) is within acceptance criteria			✓
8 Method Blank meets acceptance criteria	✓		
9 Matrix Spike recovery(s) meets acceptance criteria			✓
10 Duplicate precision meets acceptance criteria			✓
11 QC is documented on the run logs	✓		
12 Runs checked for carryover	✓		
13 Prep log / worksheet(s) are present, signed / dated by a prep / instrument analysts	✓		
14 Initial weights, splits, impinger volumes (where applicable) are documented	✓		
15 Samples above calibration range diluted and reanalyzed			✓
16 Dilution factors (where justified) have been checked for correctness and entered			✓
17 Analytical observations/anomalies documented in LIMS	✓		
18 If corrective actions were applied they are documented, initialed & dated	✓		
19 Transferred data is approved in LIMS for correctness	✓		
20 Sample Prep section (above) reviewed and verified.	✓		
21 Data package assembled (where required)	✓		

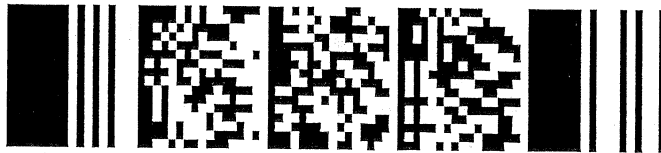
Data Approved by: [Signature] Date: 16/02/24
 Comments: _____

Secondary Supervisor/Qualified Data Review Staff

	yes	no	n/a
1 Repeats documented and referenced	✓		
2 Method and sample deviations noted, anomalies described (if applicable)	✓		
3 Data and QC validated in LIMS	✓		
4 Manual integration - before & after data with a reason included, initialed & dated	✓		
5 Random calculation checked	✓		
6 Worksheet(s) and sample prep sheets (FCDs) signed and dated	✓		
7 Data Package (if required) checked for completeness	✓		

Validatus Checked by: [Signature] Date: 16/02/23
 Comments: _____

Note: Primary and Secondary Internal Data Review Check must be performed by a different person



Report Name : Worksheet - (Liquids and Solids)

Assignment Date : Thursday, February 11, 2016

Assigned to : Sanjaykumar Patel

Test Code : PREPPCB-TI

Instrument Id:

Test Description : Preparation of tissue by 1668 for PCBs

Job Number	Sample Number	D	Sample ID	F	% Moisture	Wt or Vol	Final Vol	DF or AF	# Cont	Expiry Date	Test DeadLine	Criteria	Extract Date
	REF MAT		B 1974C		T40	7.8846	100ml					T40	2016/02/11
	SPIKE	0	BFM 737		T31	0.2044	1					T153	2016/02/11
	SPIKE	1	BFM 737		T67	0.1485						T174	2016/02/11
	BLANK		BFM 737		T69	0.2715						T5	2016/02/11
B612062	BRP508-01R		PG-SMA2-2-MUS-*		T151	0.2378			1	2017/01/03	2016/02/10 18:00	T186	2016/02/11
B612062	BRP509-01R		PG-PJ-1-MUS-COC*		T161	0.1419			1	2017/01/03	2016/02/10 18:00	T36	2016/02/11
B612062	BRP510-01R	0	PG-WS-1-MUS-CO*		T162	0.0763			1	2017/01/03	2016/02/10 18:00	T187	2016/02/11
B612062	BRP510-01R	1	PG-WS-1-MUS-CO*		T153	0.1728			1	2017/01/03	2016/02/10 18:00	T171	2016/02/11
B612062	BRP511-01R		PG-GP-1-MUS-CO*		T50	0.0191			1	2017/01/03	2016/02/10 18:00	T193	2016/02/11
B612062	BRP512-01R		PG-SMA2-5-MUS-*		T164	0.6344			1	2017/01/03	2016/02/10 18:00	T155	2016/02/11
B612062	BRP513-01R		PG-SMA2-4-MUS-*		T35	0.1339			1	2017/01/03	2016/02/10 18:00	B34	2016/02/11
B612077	BRP572-01R		PG-T0-MUS-COC-*		T9	0.0914			1	2016/10/29	2016/02/10 18:00	T198	2016/02/11
B618913	BTC221-01R		FISH MEAL 5-3444*		T36	0.2362		5	1		2016/02/22 17:00	T200	2016/02/11
B622429	BUA897-01R		PCB CONGENERS*		T150	0.3555		10X	1		2016/02/21 18:00	T191	2016/02/11
	BLK		Maxsolvent		T38							T17	

Remarks: 2016 02 13 BUA897 1/5 of sample extract used for cleanup MR2

Samples extracted by: Sanjaykumar Patel

Instrumentation performed by: _____

Date: _____

Calculations performed by: _____

Date: _____

Maxxam Analyticals: _____

Date: _____

Job No.	Rep	Client Name	Contact	Client Tier	National
GB612062	MDG Anchor QEA, LLC	Anchor QEA Reporting			
	PCBONHR-T ANCHOR QEA Project. ***Please extract SRM and Spike Dup*** 4 week TAT ANCHOR Equis EDD. Please contact client before disposal of samples. Store any remaining mass frozen. Project #: ATSO				
GB612077	MDG Anchor QEA, LLC	Anchor QEA Reporting			
	PCBONHR-T Anchor QEA Project. ***Please extract SRM and Spike Dup*** 4 week TAT ANCHOR Equis required. Please contact client prior to disposal. Store any remaining mass frozen. Project #: APR4				
FB618913	MDC Maxxam BRL PT Programs	Salima Haniff		Tier 4 (Enviro.)	
	Project #: BIPEA JANUARY 2016				
GB622429	MDC Maxxam BRL PT Programs	Salima Haniff		Tier 4 (Enviro.)	
	Please report data for DF8290-S and DF1613-S on separate final reports. Refer to the attached sample handling instructions before processing samples. Project #: LPTP16-S1				

Handwritten signature and date:
2016/02/11

Surrogates/Spikes	Method Spike	Spikes	Samples

Sample	Preparation Remarks

Sample	Instrumentation Remarks

HRMS Sample Information Transfer

Analyst: Saujan

Date: 2016/02/11

WS # 4378609

Extraction Status: _____

Roto-Vap Status: Done 2016/02/13 MH

Filtered/Transferred 2016/02/13 MH

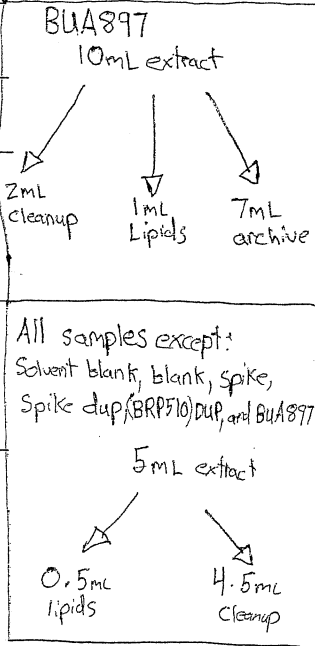
Lipids done, started on GPC - MRZ 2016/02/13

rotovaped after GPC 2016/02/14 MH

Cleanup Status: _____

Acid Column Done 2016/02/14 MH

- PCB column done, need to blow down. 2016/02/16 MR



Reacti-Vial: done 2016-02-18 Start 2016/02/18

Completion Date: 2016/02/18

HR Soil/Tissue/Food Tracking Sheet

Solvent	Lot No	Date & Time	WS#
MeCK	157981	2016/02/11 4:30pm	13778609
Hexane	157979	2016/02/12 9 Am.	
Toluene		MRZ	
Iso Octane	157042	2016 02 13	
Na2S2O4	153169	2	
Acetone			
Silica	24		

Extracted by:- SPT
Cleaned up by:- MAA, SPT

Spiking Witness by: *[Signature]* 2016/02/11

ID of Balance Used
Rotovape ID 6, 2, 1, 7

*Note: If samples are cleaned up by FMS then attach the FMS FCD.

Solvent/Absorbent	Lot#/Lab ID	Solvent/Absorbent	Lot#/Lab ID	Solvent/Absorbent	Lot#/Lab ID
44% Acid Silica		4%DCM : Hexane		50% Toluene: Ethyl Acet	
33% KOH Silica		Alumina		50%DCM : Hexane	
10% AgNO3		50%DCM : Cyclohex.		Carbon/Cellite	
Surrogate/Spike solutions	Syringe ID	Concentration		MTD SPK	Mx. Spk.
EPA Mtd 23 Internal Std Soln		13C12-T4-H7DD/DF @ 100 pg/ul 13C12-O8CDD @ 200 pg/ul			
EPA Mtd 23 Matrix Spiking Soln		T4-H7DD/DF @ 250pg/ul O8CDD/DF @ 500pg/ul			
EPA Mtd 1613 Internal Std. Soln		13C12-T4-H7DD/DF @ 100pg/ul 13C12-O8CDD @ 200pg/ul			
EPA Mtd 1613 Matrix Spiking Soln		T4 @ 40 P5-H7DD/DF @ 200 pg/ul O8CDD/DF @ 400 pg/ul			
EPA Mtd 1613 Alt. Spike (Clean-up)		37C14-2378-T4CDD @ 40pg/ul			
EPA Region IV (8290) Internal Std Soln		13C12-T4-P5 @ 100pg/ul H6-H7 @ 250 pg/ul 13C12-O8CDD @ 500 pg/ul			
EPA Region IV (8290) Mat. Spiking Soln		T4-H7DD/DF @ 25 pg/ul O8CDD/DF @ 50 pg/ul			

Solvent/ Absorbent	Lot#/Lab ID	Concentration	Prep. Date/Code	MTD SPK	Mx. Spk.	Samples
1% Deafi. Alumina		5-10 ng/ul				
Surrogate/Spike solutions	Syringe ID	5ng/ul				
CARB 429 Internal Std Soln (PAH)						
CARB 429 Matrix Spiking Soln						

Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID	Samples
44% Acid Silica	2016 02 10 07	3% Deactivated Silica	2016-02-08 #2	H2SO4		
Copper	00C	Nonane	HB D876SV	HCl		
3% Deactivated Florisil	2016-02-05 #2					
Surrogate/Spike solutions	Syringe ID	Concentration				
HR PCB Internal Std Soln	15HRMS-22 ✓	0.4ng/ul				
HR PCB Matrix Spiking Soln	15HRMS-23 ✓	0.1ng/ul				
HR PCB Alternate (Clean-up) Spike	14HRMS-13	0.4ng/ul				

Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID	Samples
Petroleum Ether		1% Deactivated Florisil				
Ethyl Acetate		20% Ethyl Acet: Petroleum Ether				
Surrogate/Spike solutions	Syringe ID	Concentration				
HR PCB Internal Std Soln		4ng/ul				
HR PCB Matrix Spiking Soln		5ng/ul				

Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID	Solvent/ Absorbent	Lot#/Lab ID	Samples
Petroleum Ether		1% Deactivated Florisil				
Ethyl Acetate		20% Ethyl Acet: Petroleum Ether				
Surrogate/Spike solutions	Syringe ID	Concentration				
HR PCB Internal Std Soln		4ng/ul				
HR PCB Matrix Spiking Soln		5ng/ul				

PCB CONGENERS IN FISH TISSUE - PT

Sample Item Number SPE068TIS-30G

B622429

Description

The PT sample size provided is 30 g of biological fish matrix. Recommended storage condition is 4° C.

Sample Preparation

Mix Prior to use. Recommended minimum sampling size is 1 gram. Analyze The sample using the preparatory and determinative method(s) for which you are seeking accreditation. Note: Sample extracts and calibration solutions should be in the same solvent. Report on a dry weight basis.

GROUP NAME **HRMS Prep**

Analyst **MR2**

BATCH DATE **2016/02/11**

Balance ID# **BAL-1**

TEST CODES **LIPID-TI**

Lipid WS#

<u>Extraction WS#</u>	<u>SAMPLE #</u>	<u>Sample Wgt. (g)</u>	<u>Final vol. (mL)</u>	<u>Vol. Used for Lipid (mL)</u>	<u>Wgt. Of dish (g)</u>	<u>Wgt of dish and dry lipid extract (g)</u>	<u>Lipid in extract</u>	<u>% Lipid</u>
4378609	BRP508	10.2378	5	0.5	1.0032	1.0151	0.119	1.2
4378609	BRP509	10.1419	5	0.5	1.0194	1.028	0.086	0.8
4378609	BRP510	10.0763	5	0.5	1.0187	1.0296	0.109	1.1
4378609	BRP511	10.0191	5	0.5	1.0086	1.0193	0.107	1.1
4378609	BRP512	10.6344	5	0.5	1.0161	1.026	0.099	0.9
4378609	BRP513	10.1339	5	0.5	1.0041	1.0123	0.082	0.8
4378609	BRP572	10.0914	5	0.5	1.0016	1.0138	0.122	1.2
4378609	BTC221	10.2362	5	0.5	1.0024	1.0881	0.857	8.4
4378609	BUA897	10.3555	10	1	1.0126	1.1944	1.818	17.6
4378609	Ref. Mat.	7.8846	5	0.5	1.005	1.0119	0.069	0.9
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!
			5	0.5			0.000	#DIV/0!

2x



4.3 Sample Chromatograms

Maxxam Analytics International
6740 Campobello Rd
Mississauga, Ontario, Canada
L5N 2L8
1-800-668-0639
www.maxxamanalytics.com

Analysis Type : PCBCONHR-T
 Maxxam ID # : BRP508-01R
 Analyte: PCB 118
 Instr. File Name : M2160218DS007

Injection Date : 18/02/2016
 Injection Time : 23:28:36

SAMPLE DATA: the following is applicable to all reported HRMS analyte calculations

DAILY RFs
Using post concal

Analyte Area (Primary + Secondary Ions) = 120228 =A
 Recovery Standard Area (Primary + Secondary Ions) = 819568 =B
 Internal Standard Area (Primary + Secondary Ions) = 264382 =C
 Amount of Recovery Standard added to the Extract (pg,ng) = 11.11 =D
 Amount of Internal Std. added to the sample (pg,ng) = 2 =E
 Average RRF of Analyte = 0.981 =F
 RRF of Internal Standard = 1.906 =G
 Amount of Sample Extracted (g or L) = 10.238 =H
 SPLIT / Dilution Factor = 1 =I
 Analyte Conc. (pg/g, pg/L, Total pg) = 0.091 =A*(C*H*F)*I
 or (ng/g, ng/L, Total ng) =
 Internal Standard Recovery (%) = 94 =C*D*100/(B*E*G)

0.997
 2.005
 0.089
 89

Filename M2160218DS007
 Acquired 18/02/2016 23:28

Cali File M2160218D_209

Sample ID BRP508-01R
 Comments
 Instrument File Ultima 3
 Sample Size 10.238

Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng	Code	Isomers	DL	S/N	Mod	rff	Rec
1 PCB 1	188	NotFnd	*	*	*	-0.0007			-0.0007	*	no	1.082	-
2 PCB 2	MoCB 188	8.98	*	no	*					*	no		-
3 PCB 3	MoCB 188	NotFnd	*	*	*	-0.00063			-0.00063	*	no	1.2	-
4 PCB 4	MoCB 190	10.10	*	no	*				-0.0007	*	no	1.079	-
5 PCB 10	222	NotFnd	*	*	*	-0.00323			-0.0007	*	no	0.954	-
6 PCB 9	DiCB 224	10.19	*	no	*				-0.00323	*	no	1.229	-
7 PCB 7	222	NotFnd	*	*	*	-0.00293			-0.0025	*	no	1.311	-
8 PCB 6	DiCB 224	10.36	*	no	*				-0.0025	*	no	1.165	-
9 PCB 5	222	NotFnd	*	*	*	-0.00329			-0.00293	*	no	1.319	-
10 PCB 8	DiCB 224	11.18	1429	1.3	2532	-0.00291			-0.00329	*	no	1.165	-
11 PCB 14	222	NotFnd	1103	no	*	-0.0039			-0.00291	*	yes	1.319	-
12 PCB 11	DiCB 224	11.49	5659	1.45	9552	0.006848			-0.0039	*	no	0.983	-
13 PCB 13/12	222	NotFnd	*	no	*	-0.00288			-0.00264	39	yes	1.456	-
14 PCB 15	DiCB 224	12.66	5120	1.5	8522	0.006926			-0.00288	7	no	1.332	-
15 PCB 19	222	NotFnd	3402	yes	*	-0.00317			-0.00299	*	no	1.285	-
16 PCB 30/18	DiCB 224	12.81	17142	1.42	29205	0.022948			-0.00317	25	no	1.21	-
17 PCB 17	256	12.96	12063	yes	1644	0.003338			-0.00441	4	no	0.871	-
18 PCB 27	TriCB 258	11.68	819	0.99	24584	0.027663			-0.00243	93	yes	0.899	-
19 PCB 24	256	11.70	825	yes	-4184.04	-0.00561	PCB 17 NDR		-0.00269	14	yes	0.813	-
20 PCB 16	TriCB 258	12.49	12736	1.08	5697	0.005203			-0.0032	8	no	0.683	-
21 PCB 32	256	12.68	11848	yes	*	-0.00256			-0.00218	9	no	1.002	-
22 PCB 34	TriCB 258	12.69	-2133.04	1.04	9025	0.016499			-0.00256	110	no	0.855	-
23 PCB 23	256	12.78	-2051	OK	7837	0.006563			-0.00437	104	no	0.501	-
24 PCB 26/29	TriCB 258	12.78	2981	1.1	*	-0.00111			-0.00218	18	xL	1.093	-
25 PCB 25	256	12.87	2716	yes	26029	0.019508			-0.00111	17	no	1.235	-
26 PCB 31	TriCB 258	12.91	4674	no	11791	0.008088			-0.00132	23	no	1.033	-
27 PCB 28/20	256	12.90	4351	yes	127435	0.087349			-0.00112	22	no	1.221	-
28 PCB 21/33	TriCB 258	13.14	3967	1.02	398139	0.306082			-0.00103	36	no	1.334	-
29 PCB 22	256	13.13	3870	yes	56142	0.040937			-0.00102	33	no	1.335	-
30 PCB 36	TriCB 258	13.74	*	no	44505	0.036144			-0.00115	31	no	1.191	-
31 PCB 39	256	13.82	*	*	*	-0.00087			-0.00109	32	no	1.255	-
32 PCB 38	TriCB 258	13.97	13067	1.01	2553	0.00177			-0.00121	125	no	1.127	-
33 PCB 35	256	13.99	12962	yes	*	-0.00095			-0.00087	99	no	1.57	-
34 PCB 37	TriCB 258	14.10	6026	1.04	*	-0.00095			-0.00104	6	no	1.32	-
35 PCB 54	256	14.10	5764	yes	59595	0.040199			-0.00095	7	no	1.438	-
36 PCB 53/50	TriCB 258	14.26	64501	1.02	*	-0.00156			-0.00086	*	no	1.597	-
37 PCB 45/51	256	14.26	62934	yes	25853	0.035597			-0.00151	117	no	0.906	-
38 PCB 46	TriCB 258	14.42	202698	1.04	12708	0.01809			-0.00156	121	no	0.911	-
39 PCB 52	256	14.43	195440	yes	7125	0.011593			-0.00288	51	no	0.654	-
40 PCB 73	TriCB 258	14.53	28608	1.04	190437	0.205699			-0.00298	46	no	0.633	-
41 PCB 43	256	14.55	195440	yes	*	-0.00232			-0.0034	23	no	0.554	-
42 PCB 69/49	TriCB 258	14.77	27534	yes	9039	0.015767			-0.00226	14	no	0.834	-
	256	14.76	22531	1.02	67326	0.071258			-0.00232	13	no	0.813	-
	TriCB 258	15.60	21974	yes	*	-0.00365			-0.00221	343	no	0.516	-
	256	15.60	*	*	*	-0.00365			-0.00221	336	no	0.851	-
	TriCB 258	15.83	1282	1.01	*	-0.00365			-0.00221	15	no	0.851	-
	256	15.83	1271	yes	*	-0.00365			-0.00221	15	no	0.851	-
	TriCB 258	16.18	*	no	*	-0.00365			-0.00221	126	no	0.851	-
	256	16.45	*	*	*	-0.00365			-0.00221	121	no	0.851	-
	TriCB 258	16.70	29354	0.97	*	-0.00365			-0.00221	121	no	0.851	-
	290	16.70	30241	yes	*	-0.00365			-0.00221	121	no	0.851	-
	TCB 292	13.08	*	*	*	-0.00365			-0.00221	121	no	0.851	-
	290	14.12	11588	0.81	*	-0.00365			-0.00221	121	no	0.851	-
	TCB 292	14.11	14265	yes	*	-0.00365			-0.00221	121	no	0.851	-
	290	14.48	5442	0.75	*	-0.00365			-0.00221	121	no	0.851	-
	TCB 292	14.49	7266	yes	*	-0.00365			-0.00221	121	no	0.851	-
	290	14.64	3173	0.8	*	-0.00365			-0.00221	121	no	0.851	-
	TCB 292	14.64	3952	yes	*	-0.00365			-0.00221	121	no	0.851	-
	290	15.36	85458	0.81	*	-0.00365			-0.00221	121	no	0.851	-
	TCB 292	15.38	104980	yes	*	-0.00365			-0.00221	121	no	0.851	-
	290	15.46	*	no	*	-0.00365			-0.00221	121	no	0.851	-
	TCB 292	15.52	3878	0.75	*	-0.00365			-0.00221	121	no	0.851	-
	290	15.52	5161	yes	*	-0.00365			-0.00221	121	no	0.851	-
	TCB 292	15.65	30195	0.81	*	-0.00365			-0.00221	121	no	0.851	-
	290	15.64	37132	yes	*	-0.00365			-0.00221	121	no	0.851	-

43 PCB 48	TCB 292	15.83	20707	0.78	47291	0.06328					
44 PCB 44/47/65	TCB 292	15.84	26584	yes	179728	0.206756	-0.0028	85		no	0.673
45 PCB 59/62/75	TCB 292	15.96	79593	0.8			-0.00241	85		no	0.783
46 PCB 42	TCB 292	16.16	100135	yes			-0.00185	267		no	1.017
47 PCB 40/41/71	TCB 292	16.16	10557	0.78	24103	0.021363	-0.00276	260		no	0.682
48 PCB 64	TCB 292	16.28	13546	yes	32853	0.043427	-0.0026	37		no	0.724
49 PCB 72	TCB 292	16.29	14608	0.8	76814	0.095648	-0.00204	55		no	0.922
50 PCB 68	TCB 292	16.57	18244	yes	40250	0.039337	-0.00094	110		no	1.304
51 PCB 57	TCB 292	16.58	34242	0.8	2953	0.00204	-0.001	69		no	1.22
52 PCB 58	TCB 292	16.72	42573	yes	1512	0.001116	-0.00118	65		no	1.221
53 PCB 67	TCB 292	16.71	18013	0.81			-0.00091	6		no	1.035
54 PCB 63	TCB 292	17.20	22237	yes	5781	0.003868	-0.00097	4		no	1.347
55 PCB 61/70/74/76	TCB 292	17.19	1301	0.79	5848	0.004207	-0.0011	12		yes	1.253
56 PCB 66	TCB 292	17.40	1652	yes	138319	0.112406	-0.00112	13		yes	1.109
57 PCB 55	TCB 292	17.40	-1028	0.77	60196	0.043686	-0.00123	195		no	1.241
58 PCB 56	TCB 292	17.70	-1335.06	OK	6793	0.006149	-0.00124	188		no	0.998
59 PCB 60	TCB 292	17.68	673	0.8	6319	0.005764	-0.001	117		no	0.995
60 PCB 80	TCB 292	17.83	840	yes	991	-0.00084	-0.00084	15		no	0.988
61 PCB 79	TCB 292	17.95	*	no	2900	0.001998	-0.00095	13		no	1.224
62 PCB 78	TCB 292	17.94	2517	0.77	5375	0.003701	-0.00119	14		no	1.462
63 PCB 81	TCB 292	18.13	3264	yes	2900	0.001998	-0.00113	*		yes	1.287
64 PCB 77	TCB 292	18.13	2590	0.8	5375	0.003701	-0.00119	6		no	1.027
65 PCB 104	TCB 292	18.36	3258	yes			-0.00113	5		no	1.077
66 PCB 96	TCB 292	18.34	60912	0.79			-0.00026	10		no	1.094
67 PCB 103	TCB 292	18.57	77406	yes	2192	0.002481	-0.00129	*		no	0.874
68 PCB 94	TCB 292	18.58	26291	0.77	937	-0.00176	-0.00139	30		no	0.739
69 PCB 95	TCB 292	18.71	33905	yes	70683	0.086592	-0.00176	25		no	0.54
70 PCB 100/93/102/98	TCB 292	19.05	*	no	5958	0.008048	-0.00154	7		no	0.619
71 PCB 88/91	TCB 292	19.05	3008	0.79	4913	0.006573	-0.00152	11		yes	0.625
72 PCB 84	TCB 292	19.05	3786	yes	6348	0.009941	-0.00178	13		yes	0.534
73 PCB 89	TCB 292	19.21	2702	0.75			-0.00164	14		no	0.582
74 PCB 121	TCB 292	19.22	3617	yes			-0.00125	18		no	0.761
75 PCB 92	TCB 292	19.48	*	no	17079	0.023895	-0.00159	18		no	0.598
76 PCB 113/90/101	TCB 292	20.64	426	0.75	122143	0.143813	-0.00134	17		no	0.71
77 PCB 83/99	TCB 292	20.61	565	no	54163	0.072689	-0.00153	323		no	0.623
78 PCB 112	TCB 292	21.06	*	no			-0.00116	309		no	0.819
79 PCB 109/119/86/97/125/326	TCB 292	21.42	1341	0.86			-0.00131	127		no	0.726
80 PCB 117/116/85	TCB 292	21.42	1559	yes			-0.0012	46		no	0.796
81 PCB 110/115	TCB 292	21.87	2239	0.71			-0.00127	31		no	0.75
82 PCB 82	TCB 292	21.87	3135	yes			-0.00118	173		no	0.564
83 PCB 111	TCB 292	21.87	3135	yes			-0.00118	8		no	0.809
84 PCB 120	TCB 292	21.06	21.06	*			-0.00118	7		no	0.951
85 PCB 108/124	TCB 292	21.42	1341	0.86			-0.00068	11		no	1.122
86 PCB 107	TCB 292	21.42	1559	yes			-0.00066	11		yes	1.147
87 PCB 123	TCB 292	21.87	2239	0.71			-0.00085	29		yes	0.894
88 PCB 106	TCB 292	21.87	3135	yes			-0.00062	9		yes	1.218
89 PCB 118	TCB 292	21.87	3135	yes			-0.00077	339		no	0.981

184 PCB 188L	406	24.20	73952	1.09	141850	0.139801						
	408	24.20	67899	yes			0	4028	no	1.329	72	
185 PCB 180L	406	32.09	75940	1.11	144444	0.137623		3310				
	408	32.09	68504	yes			0	2702	no	1.349	70	
186 PCB 170L	406	33.41	66378	1.1	126724	0.137972		1867				
	408	33.42	60346	yes			0	2297	no	1.18	71	
187 PCB 189L	406	36.82	147395	1.07	285257	0.169899		1615				
	408	36.83	137862	yes			0	2569	no	2.157	87	
188 PCB 202L	440	29.24	62503	0.91	130879	0.118471		2464				
	442	29.27	68376	yes			0	1779	no	1.419	61	
189 PCB 205L	440	39.71	95439	0.91	199835	0.167676		4110				
	442	39.73	104396	yes			0	1626	no	1.531	86	
190 PCB 208L	474	36.27	52233	0.75	121729	0.137268		2350				
	476	36.28	69495	yes			0	1922	no	1.139	70	
191 PCB 206L	474	41.70	41958	0.79	94879	0.160501		2771				
	476	41.73	52921	yes			0	1445	no	0.76	82	
192 PCB 209L	510	43.53	47942	1.23	86780	0.15394		1987				
	512	43.53	38838	yes			0	2002	no	0.724	79	
193 PCB 28L	268	14.40	214944	1.04	420991	0.24129		2958				
PCB Cleanup Standard	270	14.43	206046	yes			0.001	943	no	2.039	111	
194 PCB 111L	338	21.83	142688	1.68	227566	0.224359		966				
PCB Cleanup Standard	340	21.84	84878	yes			0	2254	no	1.343	103	
195 PCB 178L	406	26.98	60856	1.05	118727	0.212238		2906				
PCB Cleanup Standard	408	26.97	57871	yes			0	3167	no	0.733	98	
196 PCB 31L	268	NotFnd	*	*				2674				
PCB Audit Standard	270	14.26	*	*			0.001		no	1.934		
197 PCB 95L	338	NotFnd	*	*								
PCB Audit Standard	340	17.73	*	*			0		no	0.946		
198 PCB 153L	372	25.39	2282	1.18	4215	0.004508						
PCB Audit Standard	374	25.40	1933	yes			0	104	no	1.225	2	
199 PCB 9L	234	11.17	1269500	1.6	2061757	10.33684		38				
PCB Recovery Standard	236	11.19	792257	yes			-	12132	no	-	-	
200 PCB 52L	302	15.36	413715	0.8	928457	7.194672		10395				
PCB Recovery Standard	304	15.36	514741	yes			-	3548	no	-	-	
201 PCB 101L	338	19.76	507249	1.62	819568	7.298622		10622				
PCB Recovery Standard	340	19.76	312318	yes			-	8463	no	-	-	
202 PCB 138L	372	26.57	470833	1.32	828282	7.525591		11491				
PCB Recovery Standard	374	26.56	357449	yes			-	20414	no	-	-	
203 PCB 194L	440	39.18	406263	0.93	844594	7.64115		6809				
PCB Recovery Standard	442	39.17	438331	yes			-	6877	no	-	-	
Chlorobiphenyls								9903				
Dichlorobiphenyls					-0.0007		0					
Trichlorobiphenyls					0.036722		3	-0.00441				
Tetrachlorobiphenyls					0.599343		13	-0.00437				
Pentachlorobiphenyls					1.01275		22	-0.00365				
Hexachlorobiphenyls					0.626266		19	-0.00178				
Heptachlorobiphenyls					1.370492		20	-0.00228				
Octachlorobiphenyls					0.455186		13	-0.0027				
Nonachlorobiphenyls					0.033324		5	-0.00183				
Decachlorobiphenyl					-0.00125		0	-0.00125				
PCB (total)					-0.00136		0	-0.00136				
					4.134083		0					

Quantify Sample Report

MassLynx 4.0 SP1

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

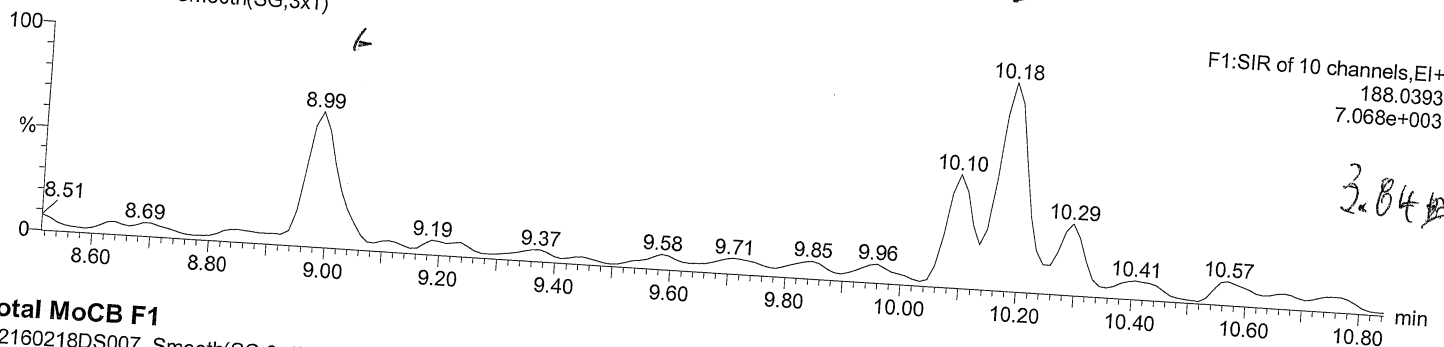
Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time
Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

Method: C:\MassLynx\Default.pro\Methdb\EPA 1668_M2160218D.mdb 19 Feb 2016 12:12:31
Calibration: C:\MassLynx\Default.pro\Curvedb\M2160218D_209.cdb 19 Feb 2016 11:38:57

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti
Description: BRP508-01R
Vial: 7
Date: 18-FEB-2016
Time: 23:28:36

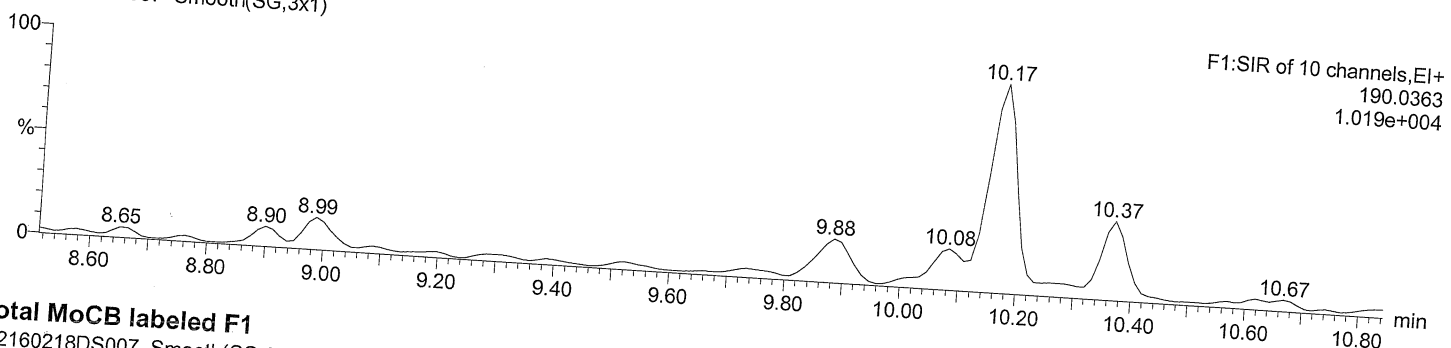
Total MoCB F1

M2160218DS007 Smooth(SG,3x1)



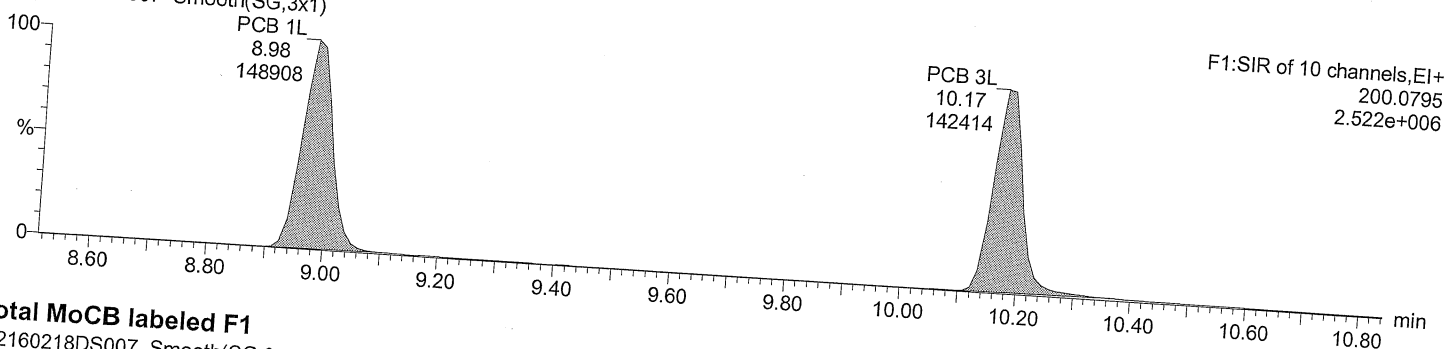
Total MoCB F1

M2160218DS007 Smooth(SG,3x1)



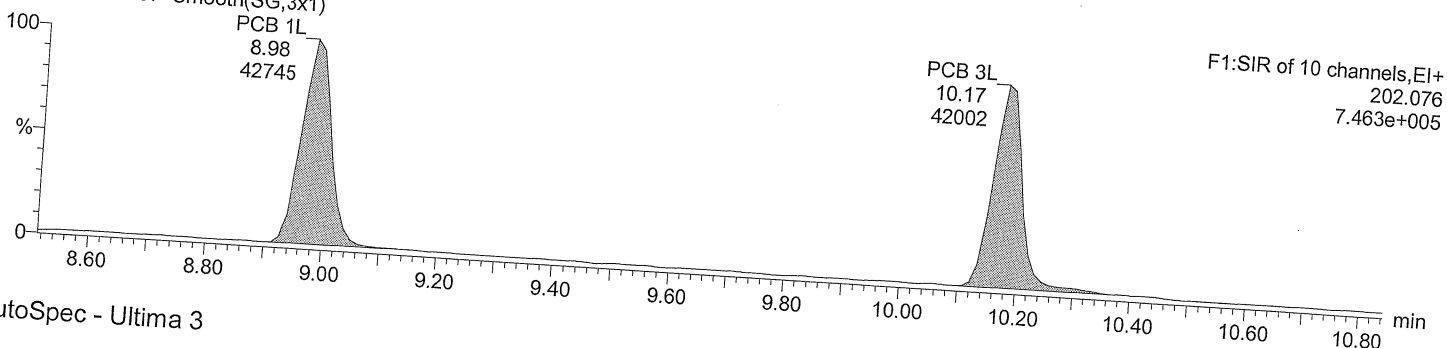
Total MoCB labeled F1

M2160218DS007 Smooth(SG,3x1)



Total MoCB labeled F1

M2160218DS007 Smooth(SG,3x1)

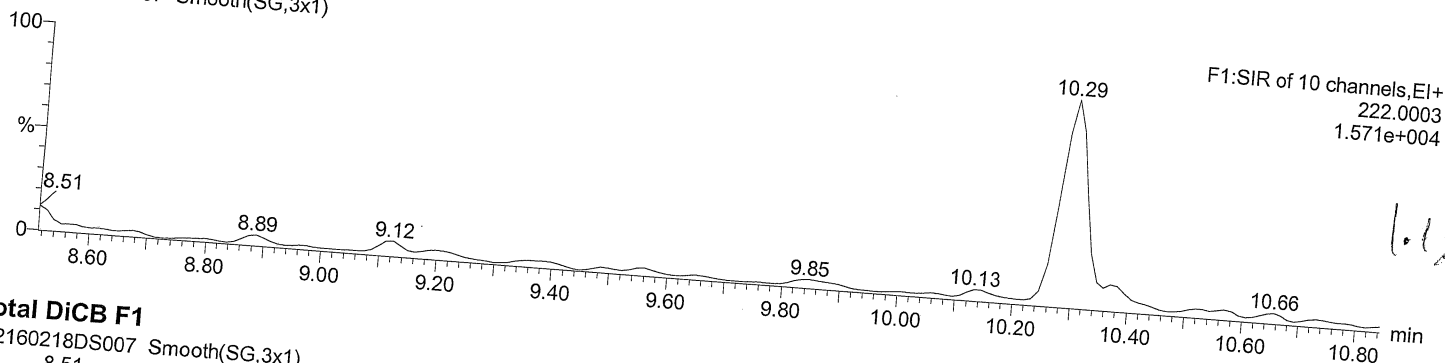


Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld
Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time
Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti
Description: BRP508-01R
Vial: 7
Date: 18-FEB-2016
Time: 23:28:36

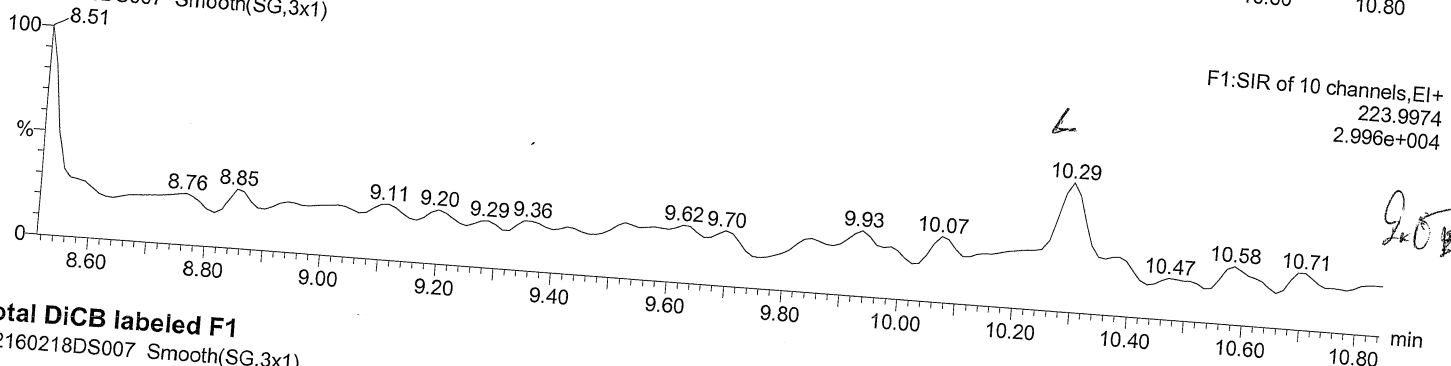
Total DiCB F1

M2160218DS007 Smooth(SG,3x1)



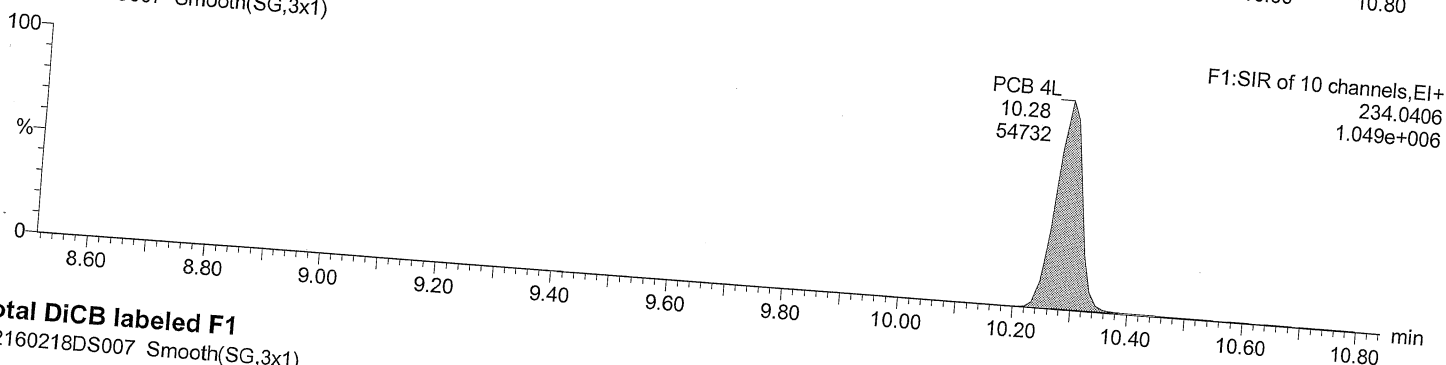
Total DiCB F1

M2160218DS007 Smooth(SG,3x1)



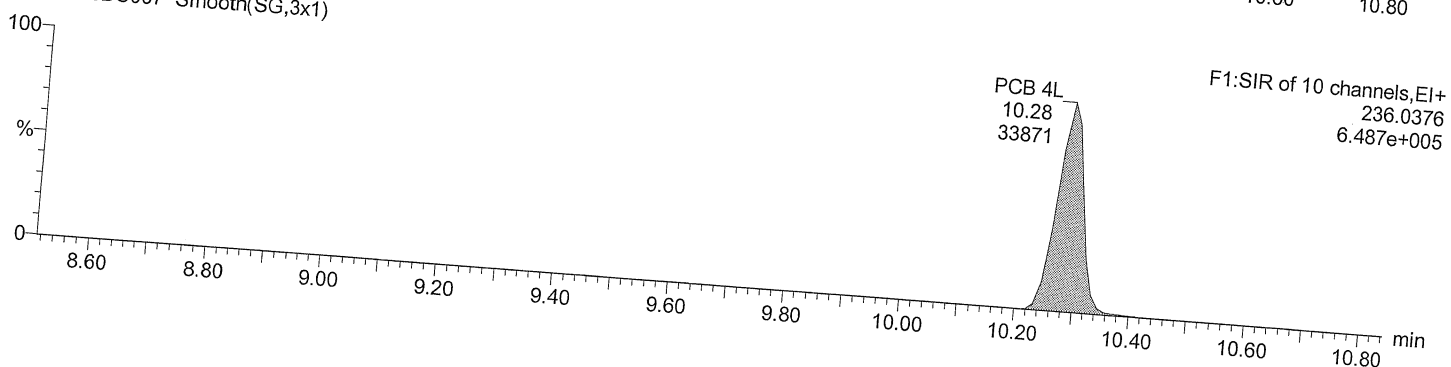
Total DiCB labeled F1

M2160218DS007 Smooth(SG,3x1)



Total DiCB labeled F1

M2160218DS007 Smooth(SG,3x1)

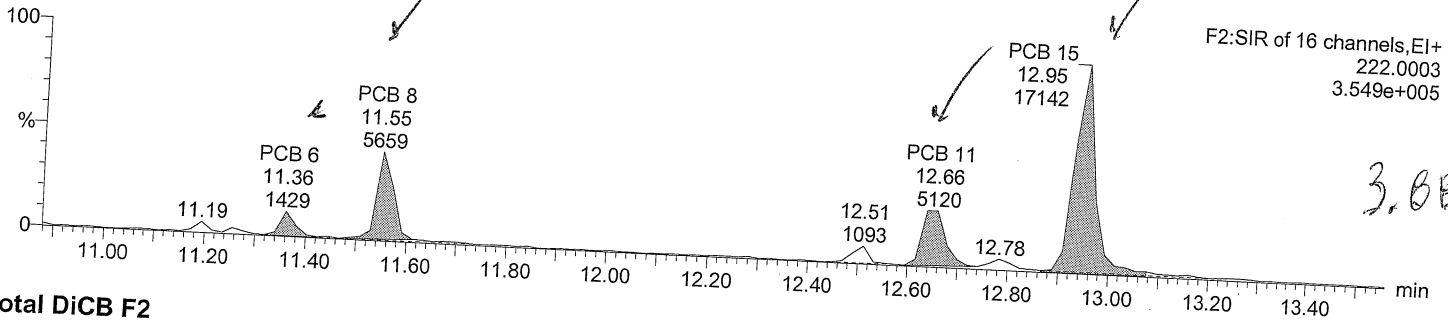


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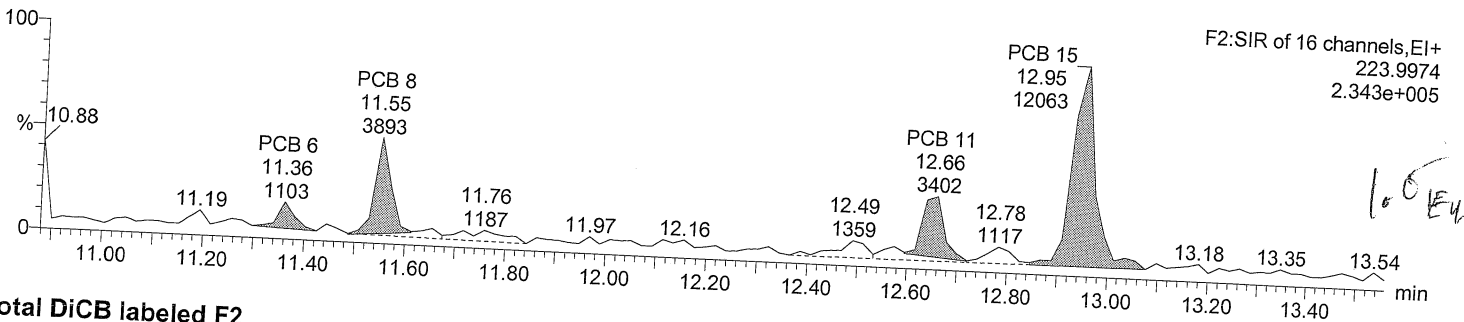
Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time
Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti
Description: BRP508-01R
Vial: 7
Date: 18-FEB-2016
Time: 23:28:36

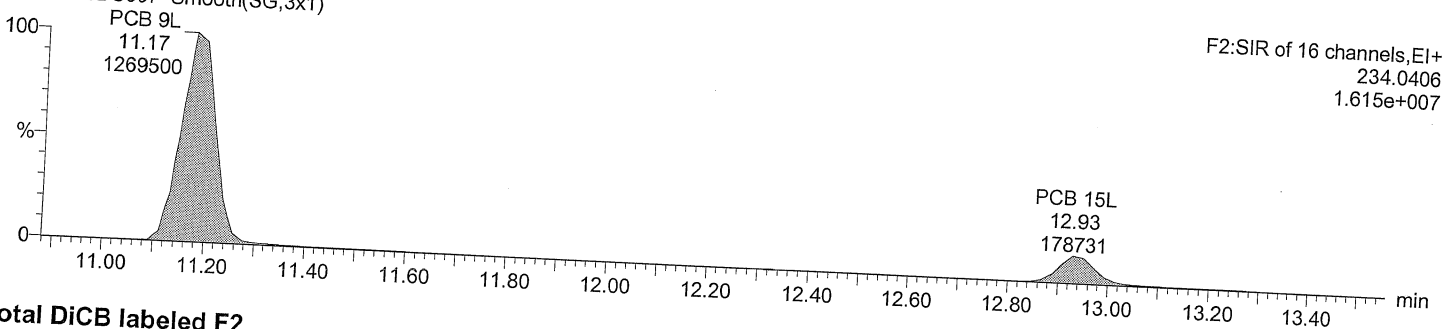
Total DiCB F2
M2160218DS007



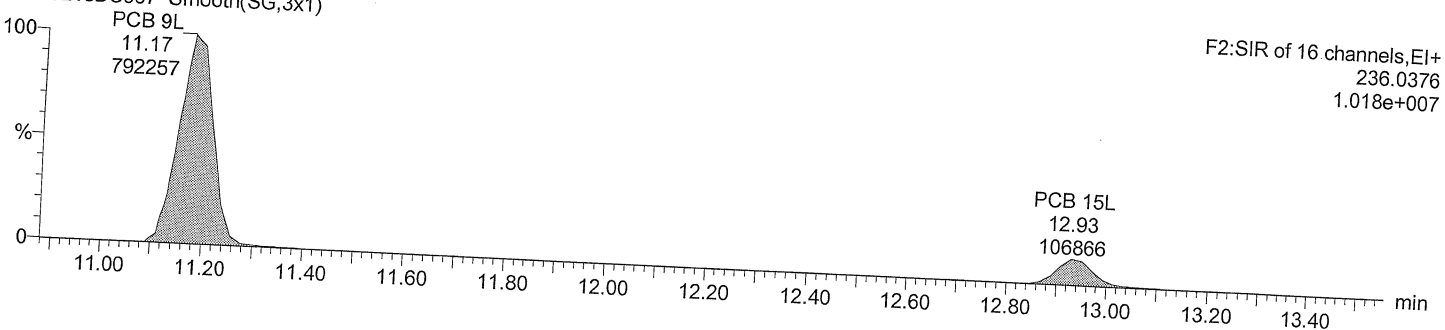
Total DiCB F2
M2160218DS007



Total DiCB labeled F2
M2160218DS007 Smooth(SG,3x1)



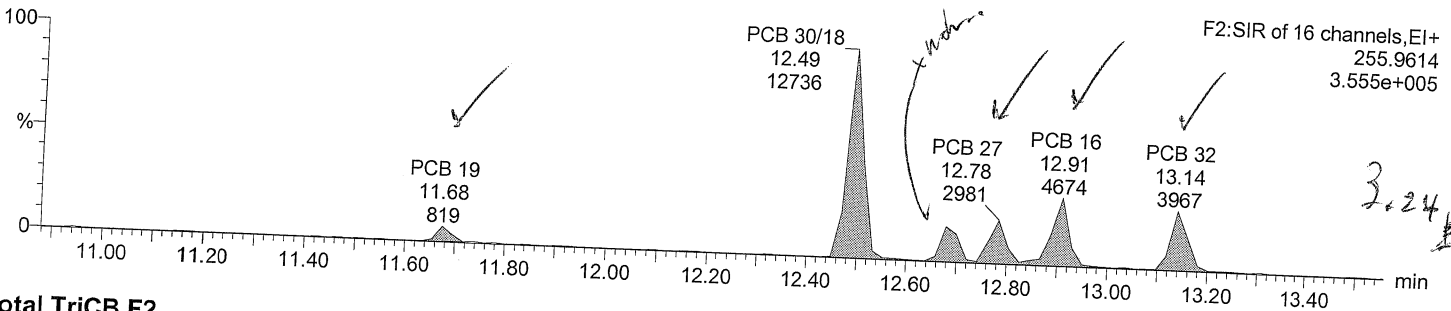
Total DiCB labeled F2
M2160218DS007 Smooth(SG,3x1)



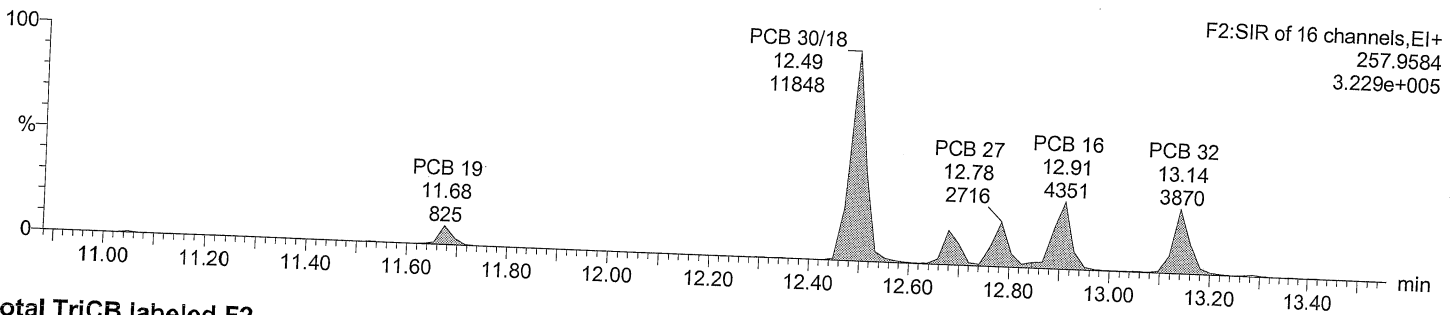
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Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time
Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti
Description: BRP508-01R
Vial: 7
Date: 18-FEB-2016
Time: 23:28:36

Total TriCB F2
M2160218DS007

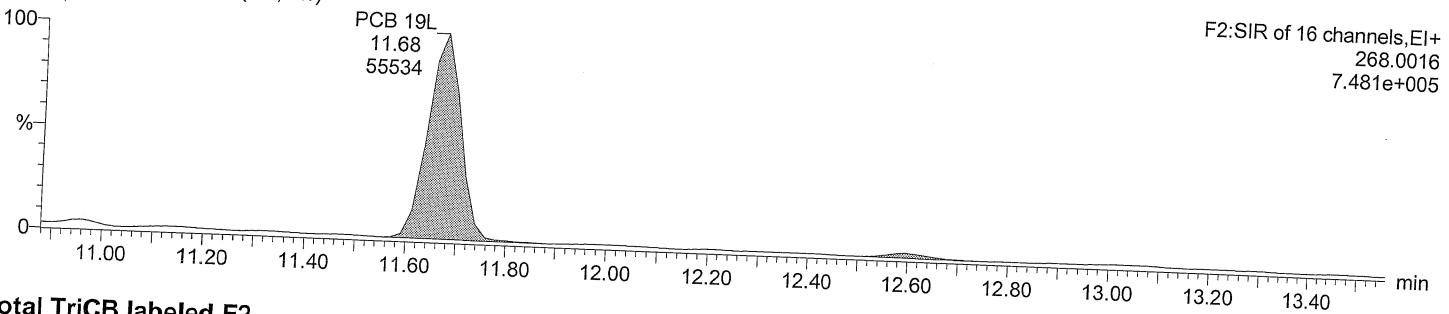


Total TriCB F2
M2160218DS007



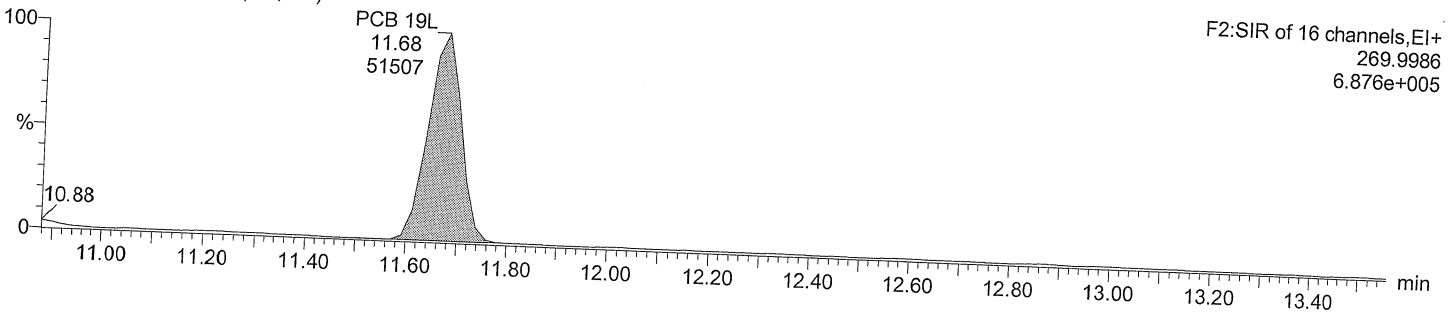
Total TriCB labeled F2

M2160218DS007 Smooth(SG,3x1)



Total TriCB labeled F2

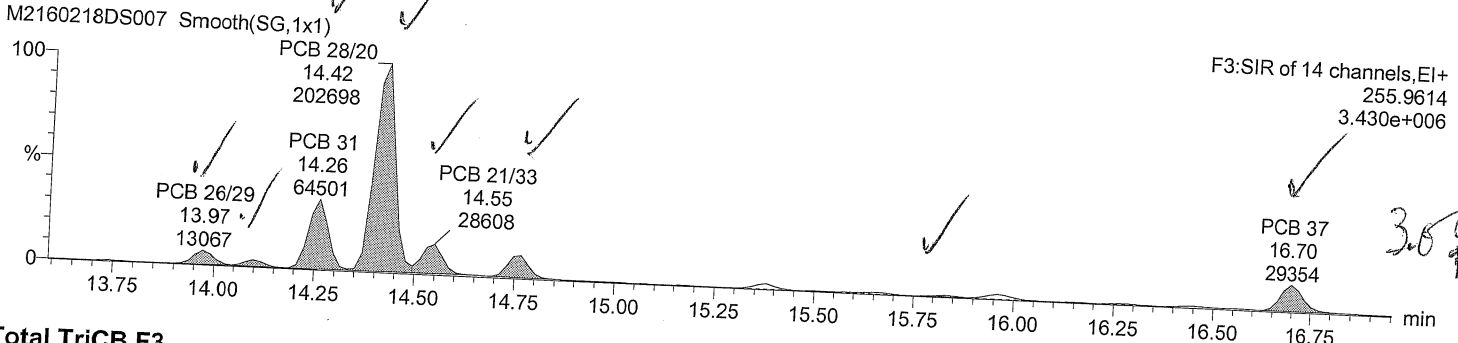
M2160218DS007 Smooth(SG,3x1)



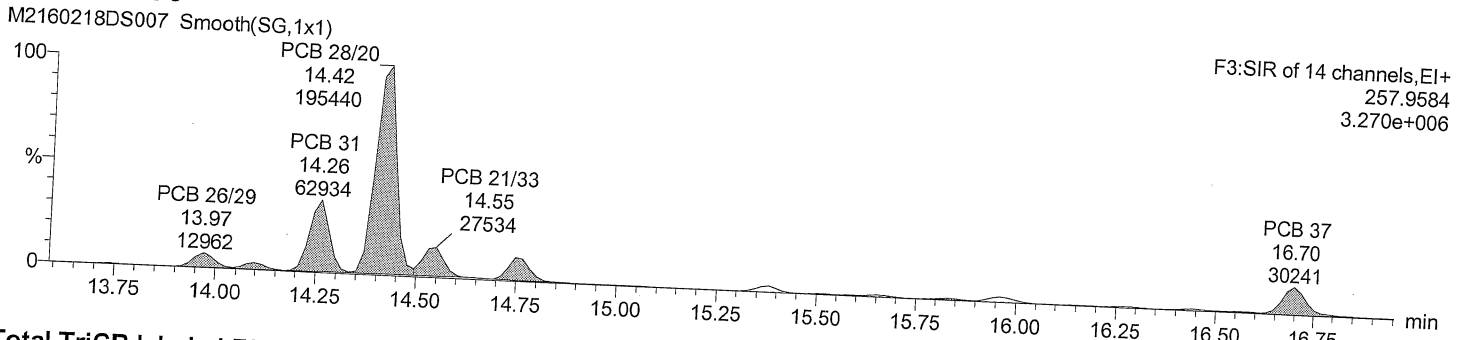
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Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time
Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti
Description: BRP508-01R
Vial: 7
Date: 18-FEB-2016
Time: 23:28:36

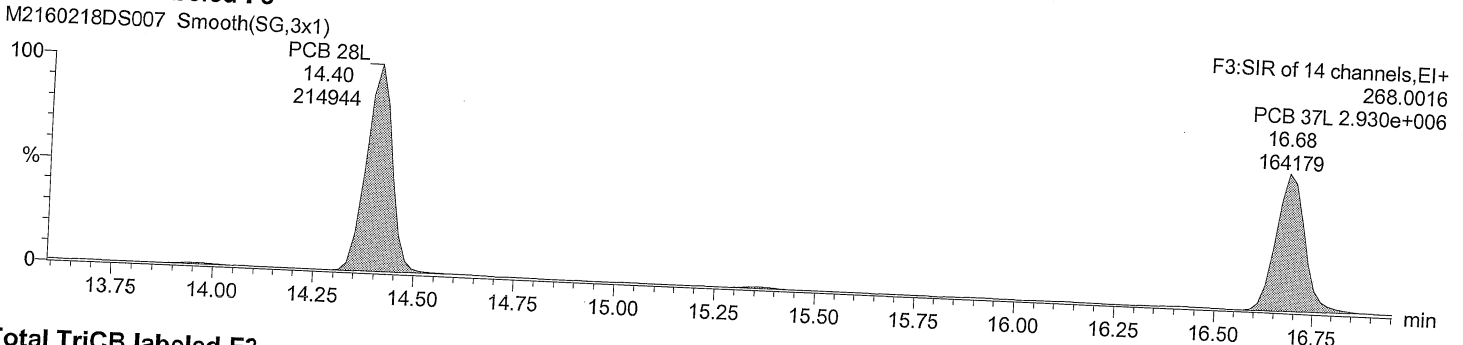
Total TriCB F3



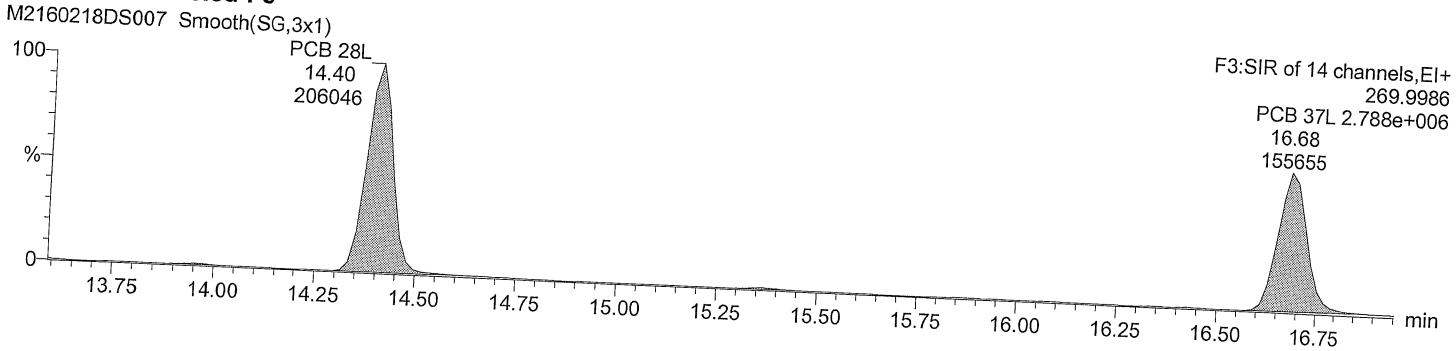
Total TriCB F3



Total TriCB labeled F3



Total TriCB labeled F3

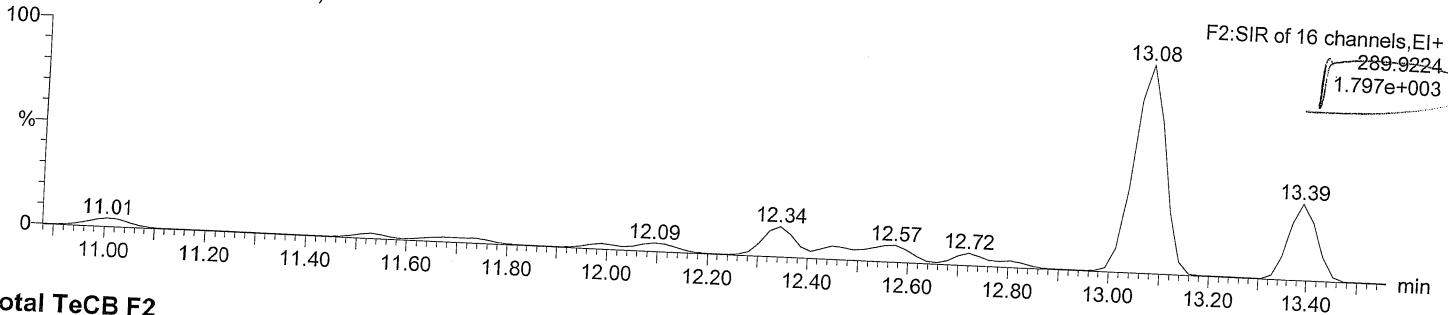


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Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time
Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti
Description: BRP508-01R
Vial: 7
Date: 18-FEB-2016
Time: 23:28:36

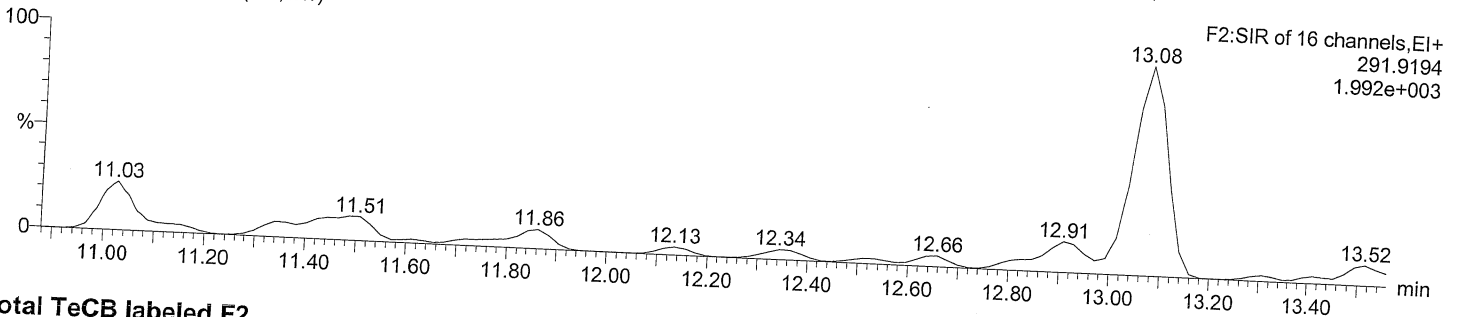
Total TeCB F2

M2160218DS007 Smooth(SG,3x1)



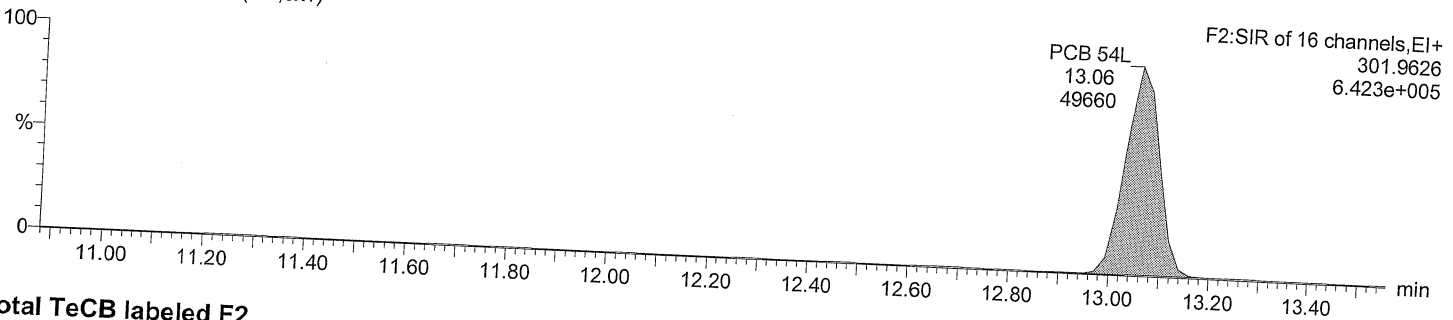
Total TeCB F2

M2160218DS007 Smooth(SG,3x1)



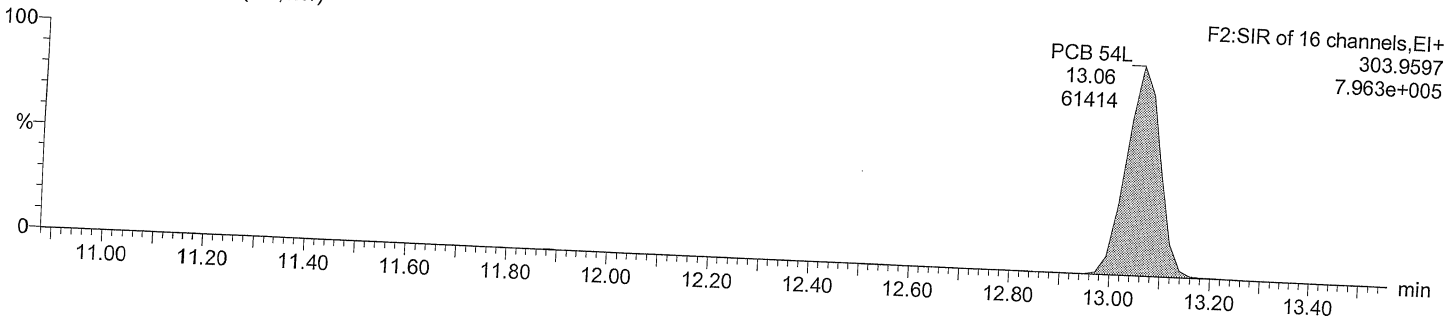
Total TeCB labeled F2

M2160218DS007 Smooth(SG,3x1)



Total TeCB labeled F2

M2160218DS007 Smooth(SG,3x1)



Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time
Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

Description: BRP508-01R

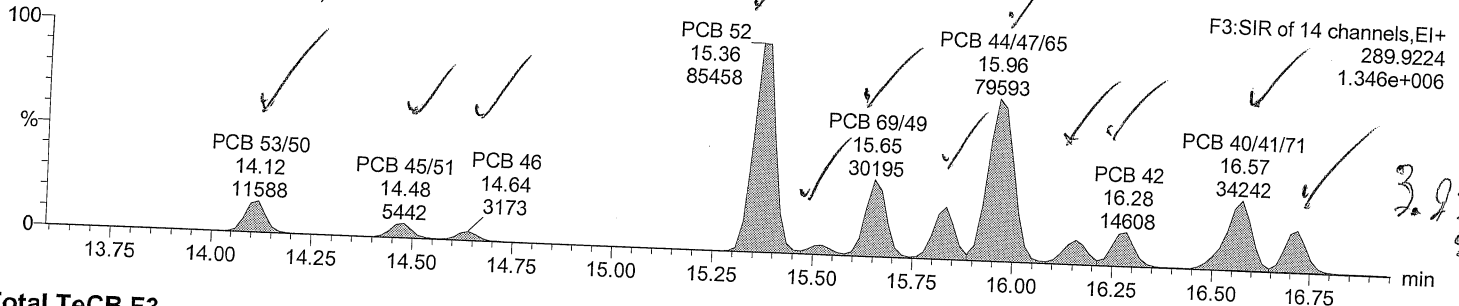
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Time: 23:28:36

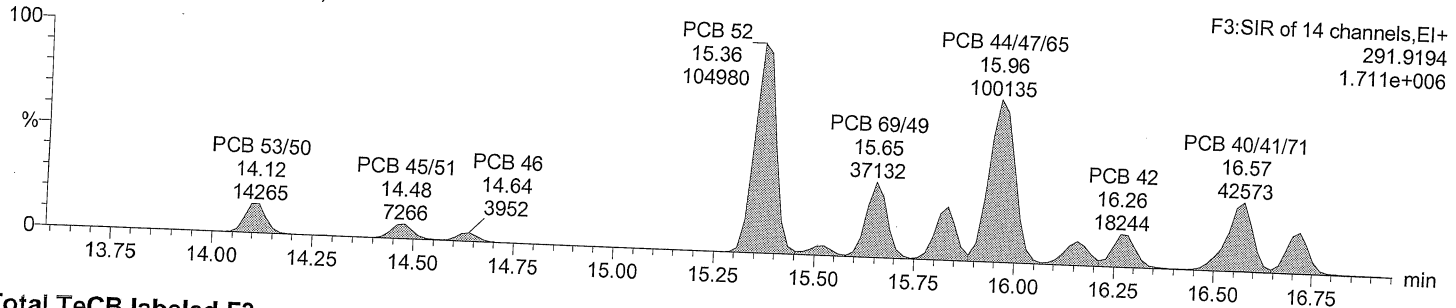
Total TeCB F3

M2160218DS007 Smooth(SG,1x1)



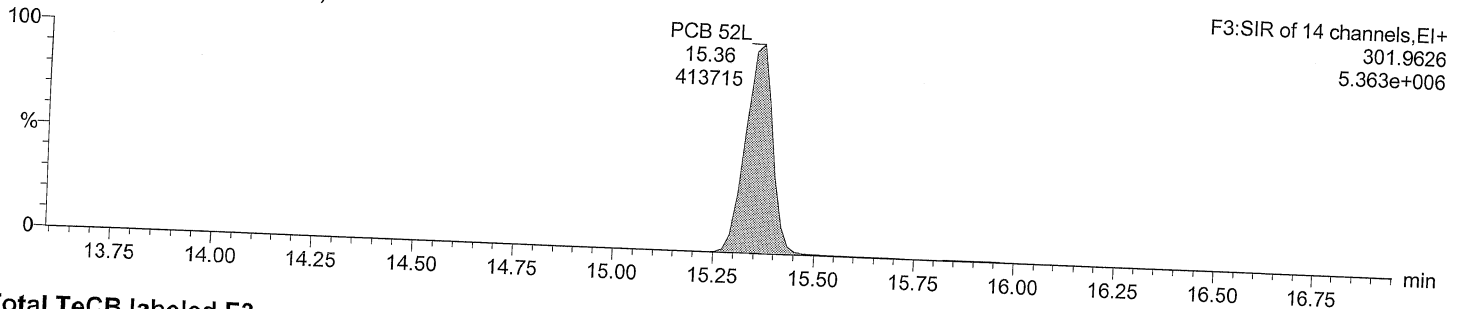
Total TeCB F3

M2160218DS007 Smooth(SG,1x1)



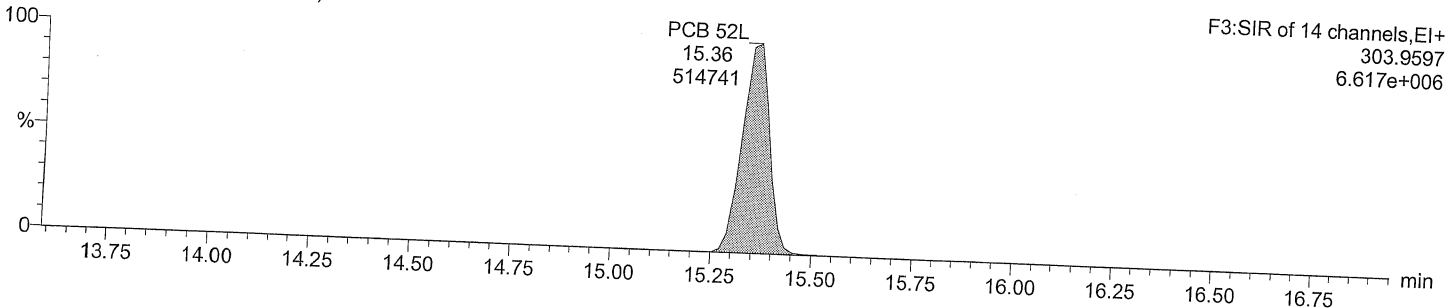
Total TeCB labeled F3

M2160218DS007 Smooth(SG,3x1)



Total TeCB labeled F3

M2160218DS007 Smooth(SG,3x1)

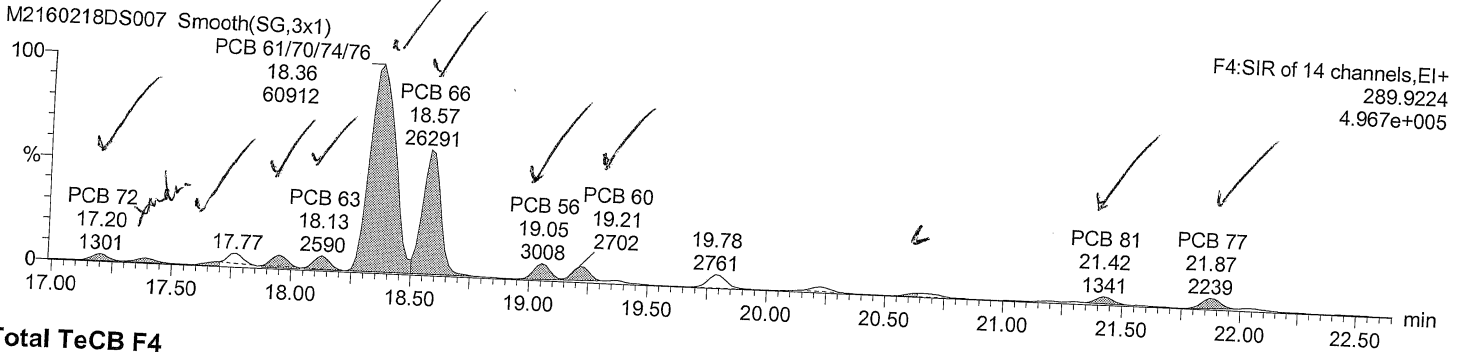


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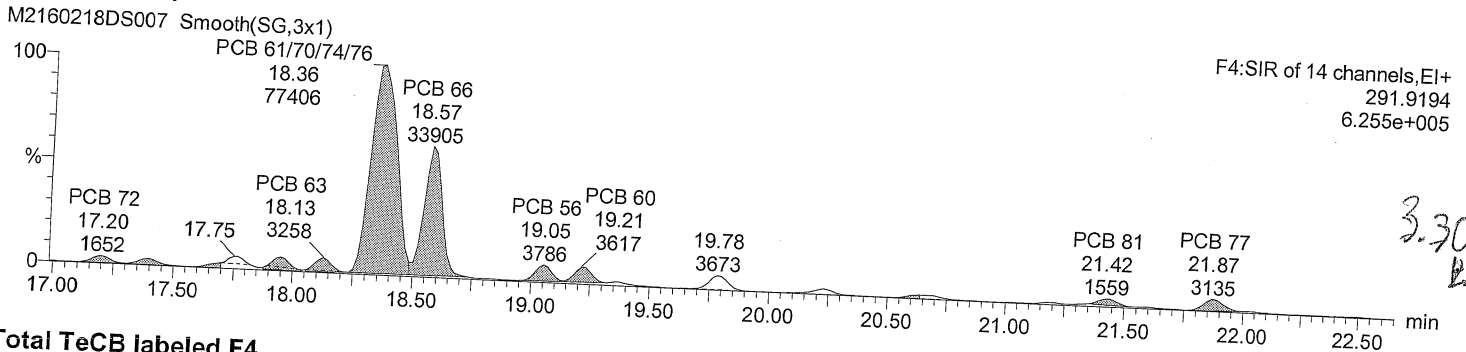
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Description: BRP508-01R
Vial: 7
Date: 18-FEB-2016
Time: 23:28:36

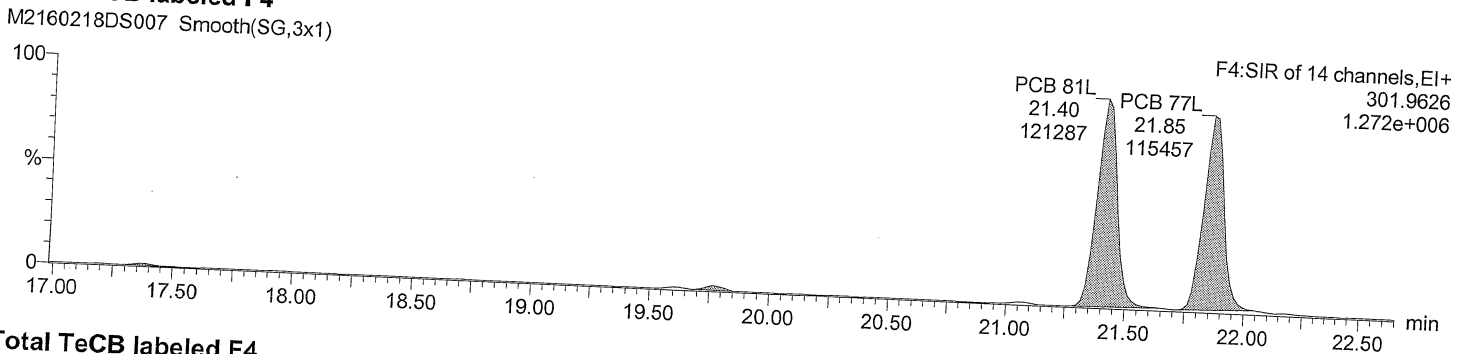
Total TeCB F4



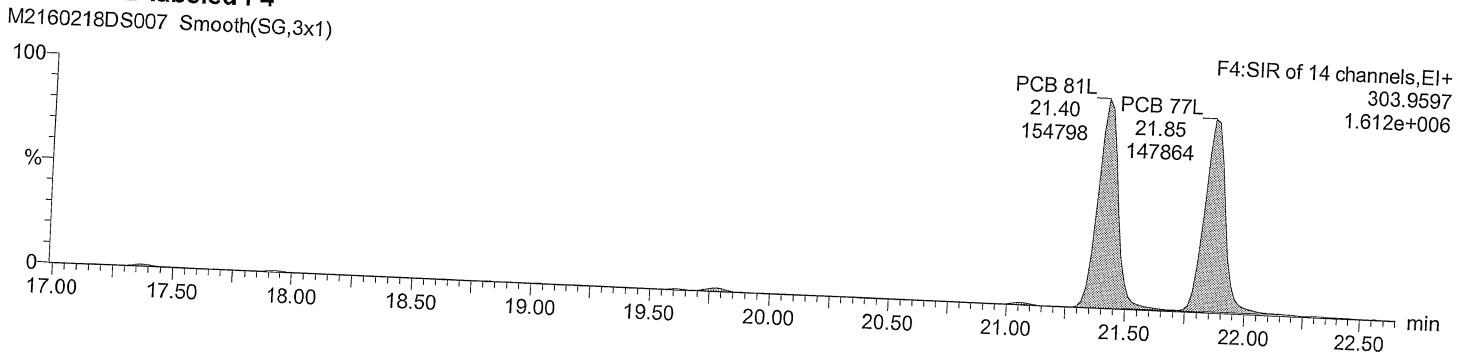
Total TeCB F4



Total TeCB labeled F4



Total TeCB labeled F4



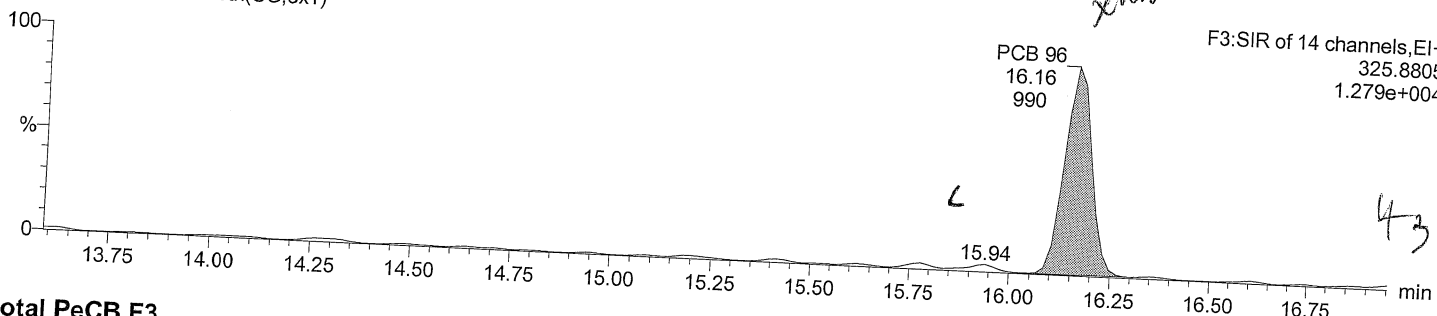
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Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time
Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti
Description: BRP508-01R
Vial: 7
Date: 18-FEB-2016
Time: 23:28:36

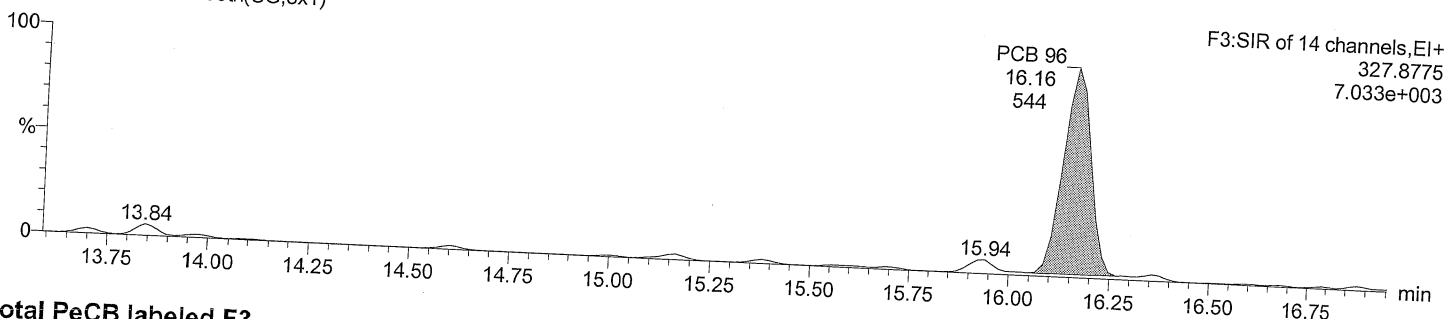
Total PeCB F3

M2160218DS007 Smooth(SG,3x1)



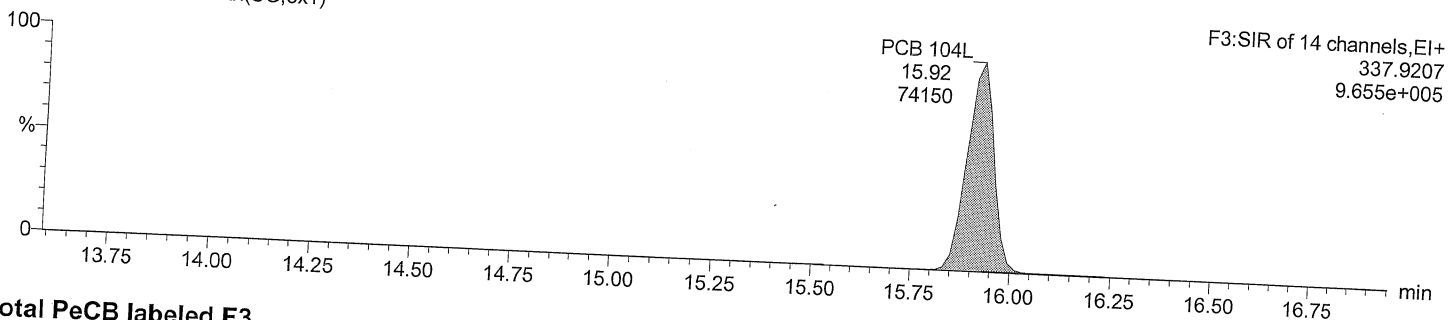
Total PeCB F3

M2160218DS007 Smooth(SG,3x1)



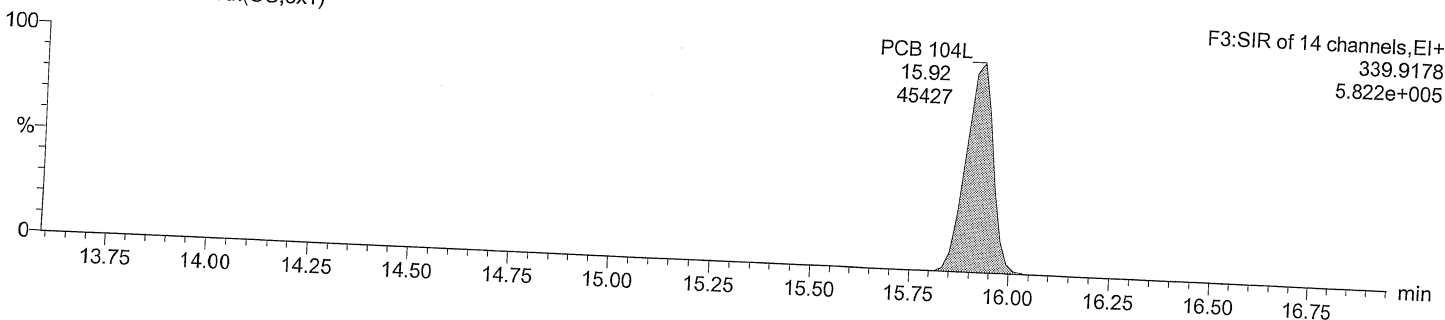
Total PeCB labeled F3

M2160218DS007 Smooth(SG,3x1)



Total PeCB labeled F3

M2160218DS007 Smooth(SG,3x1)



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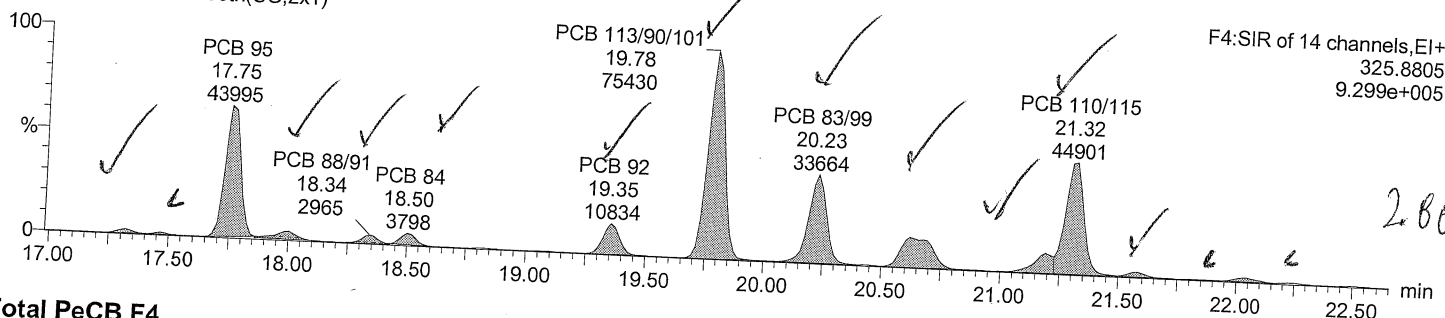
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ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti
Description: BRP508-01R

Vial: 7
Date: 18-FEB-2016
Time: 23:28:36

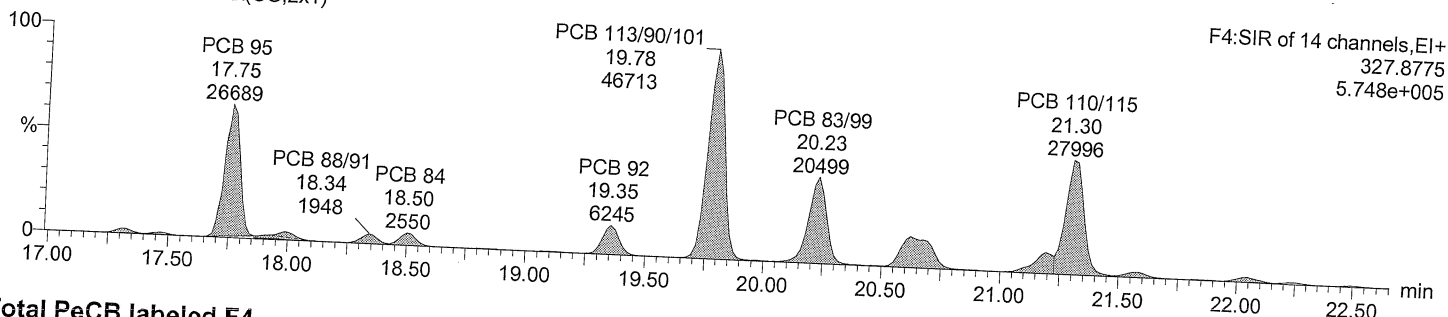
Total PeCB F4

M2160218DS007 Smooth(SG,2x1)



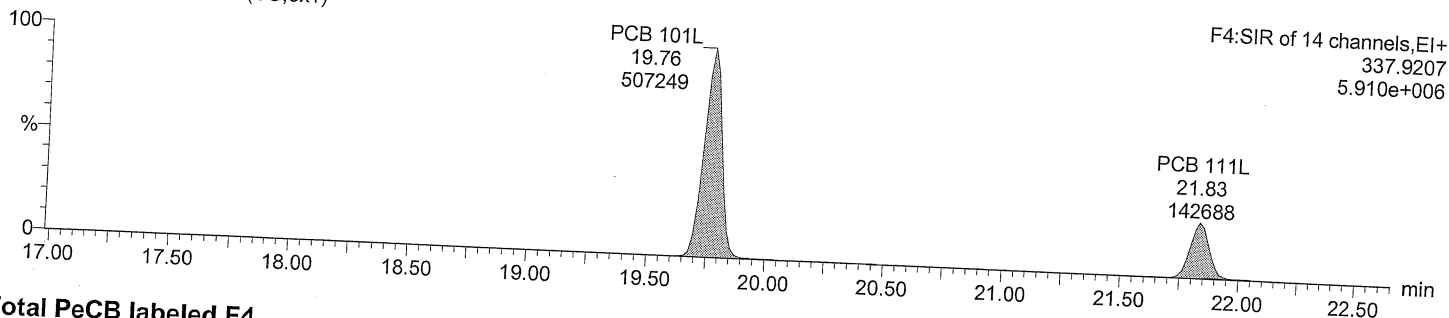
Total PeCB F4

M2160218DS007 Smooth(SG,2x1)



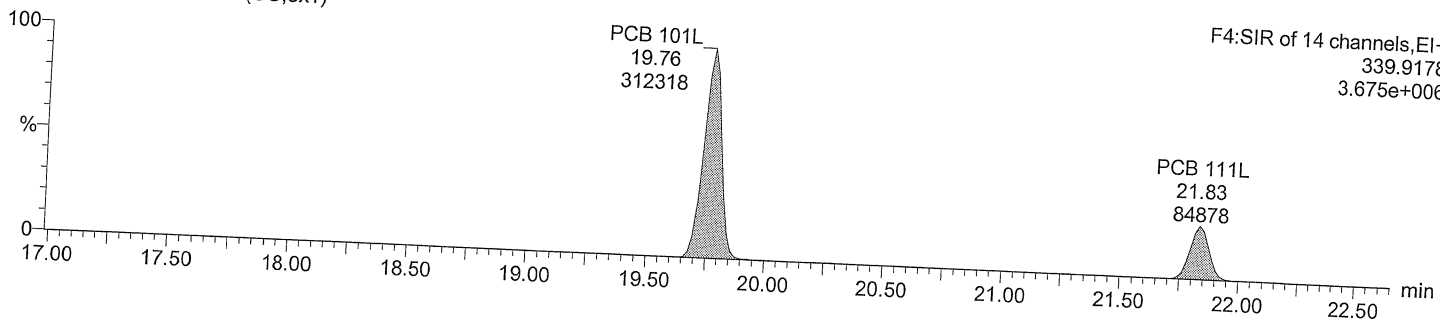
Total PeCB labeled F4

M2160218DS007 Smooth(SG,3x1)



Total PeCB labeled F4

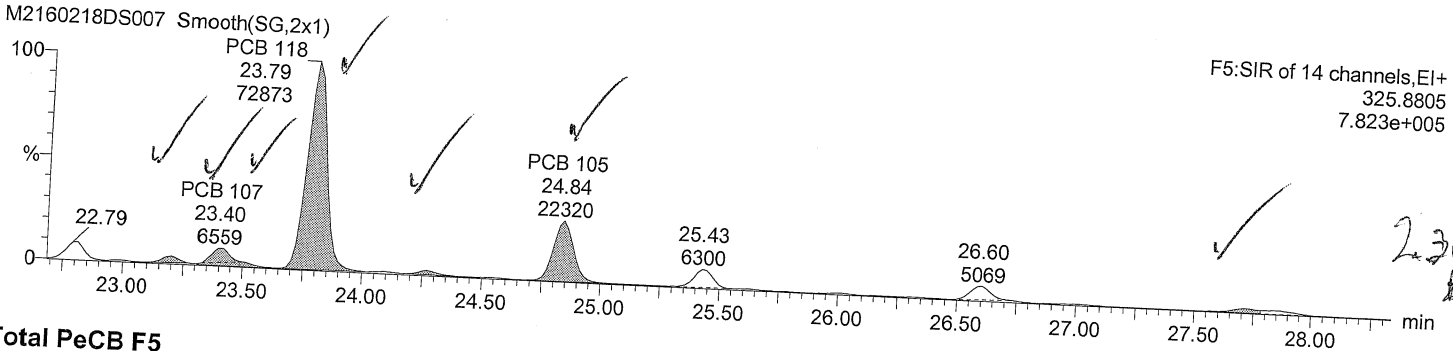
M2160218DS007 Smooth(SG,3x1)



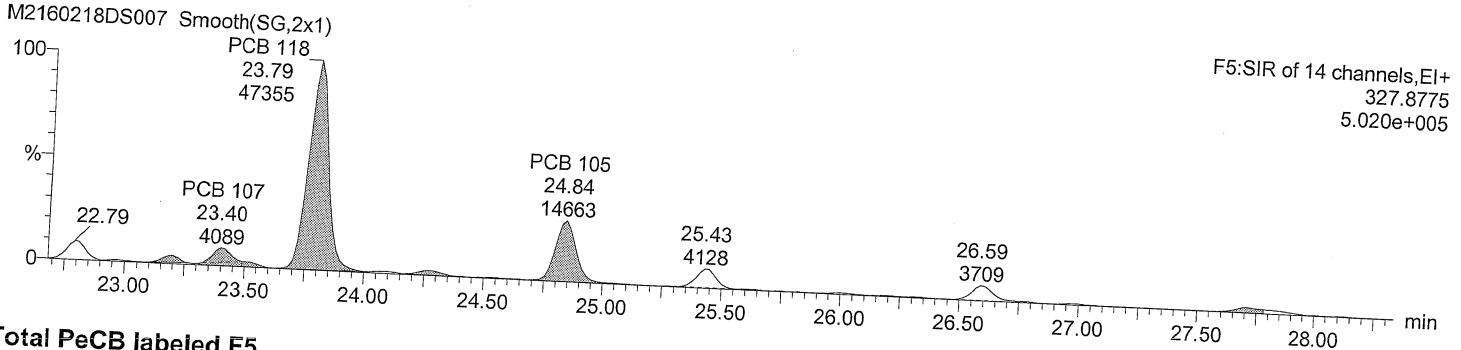
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Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time
Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti
Description: BRP508-01R
Vial: 7
Date: 18-FEB-2016
Time: 23:28:36

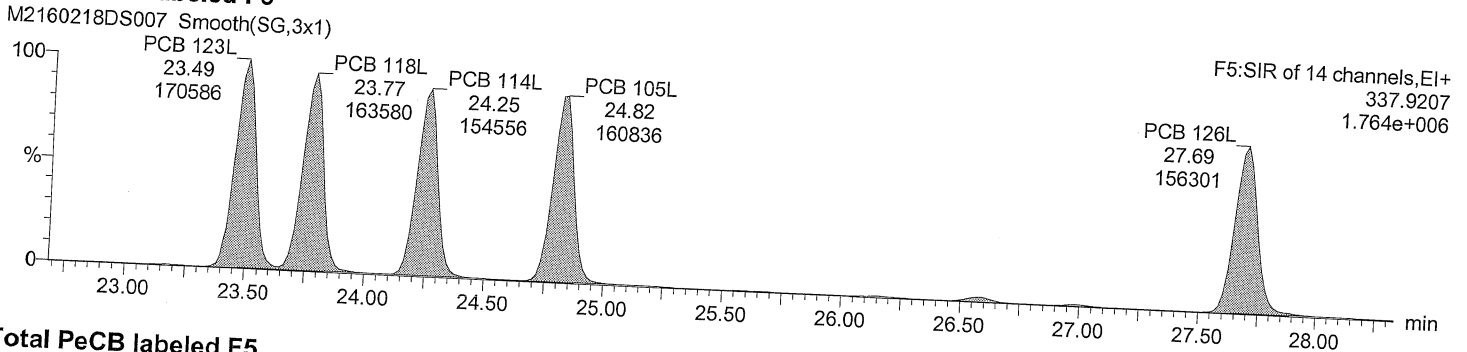
Total PeCB F5



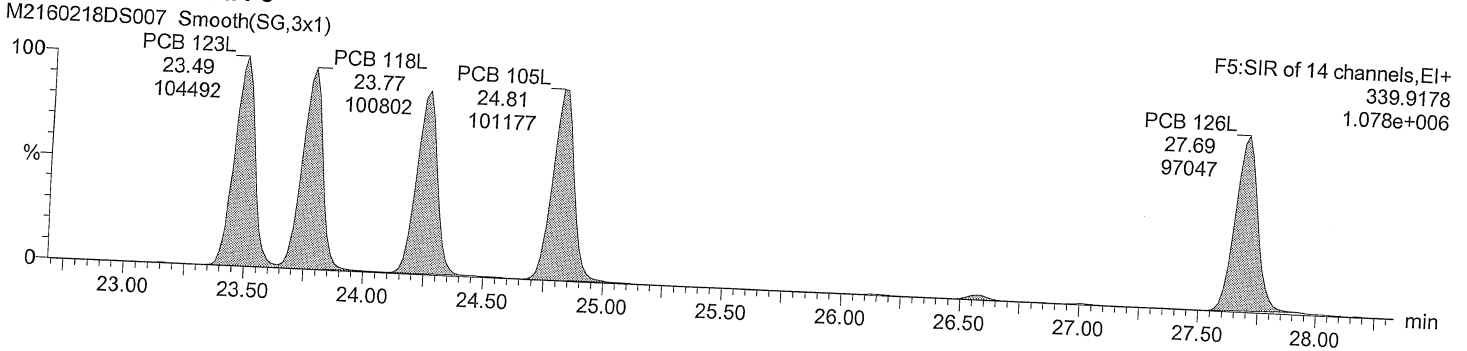
Total PeCB F5



Total PeCB labeled F5



Total PeCB labeled F5



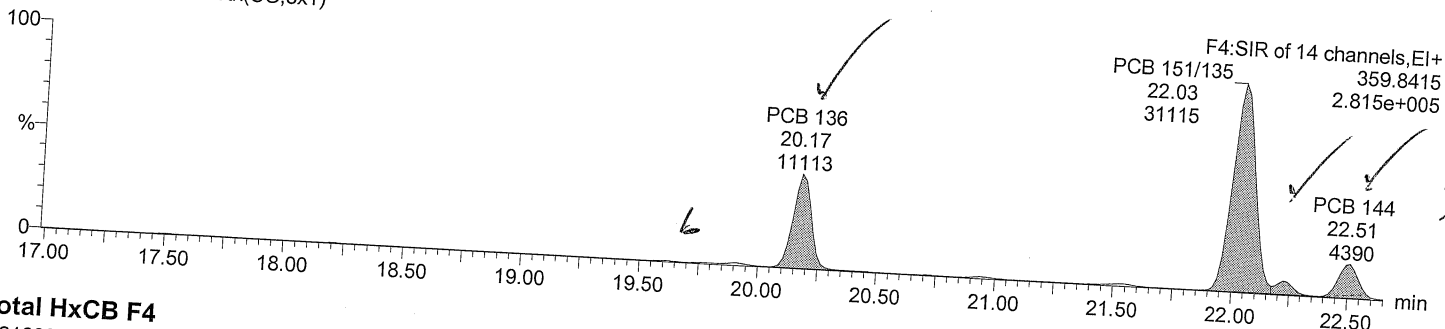
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Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time
Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti
Description: BRP508-01R
Vial: 7
Date: 18-FEB-2016
Time: 23:28:36

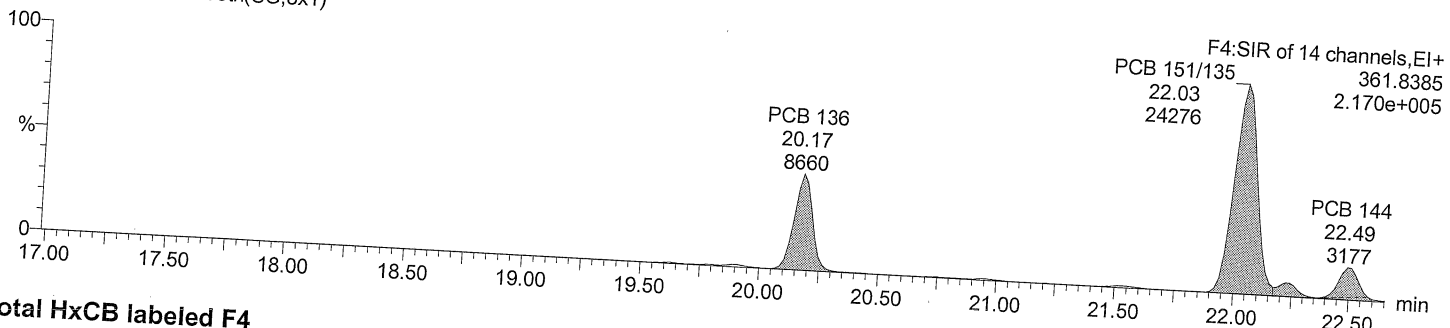
Total HxCB F4

M2160218DS007 Smooth(SG,3x1)



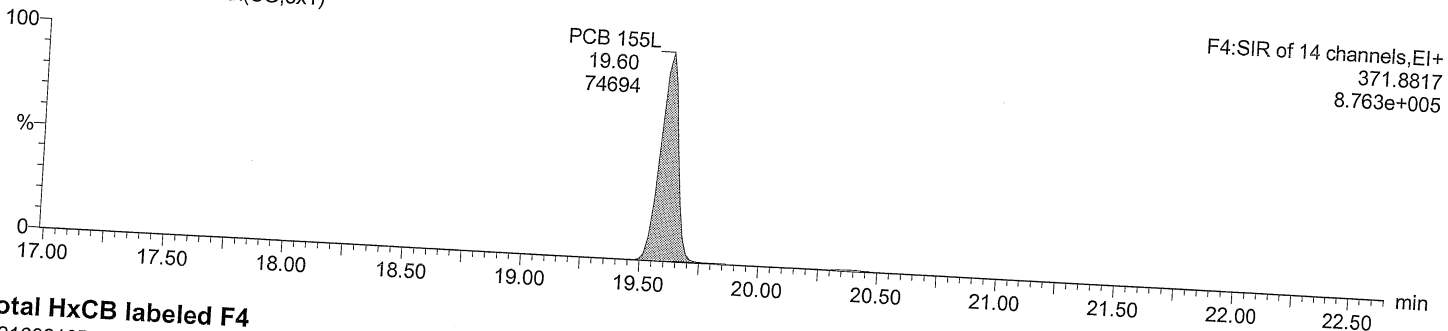
Total HxCB F4

M2160218DS007 Smooth(SG,3x1)



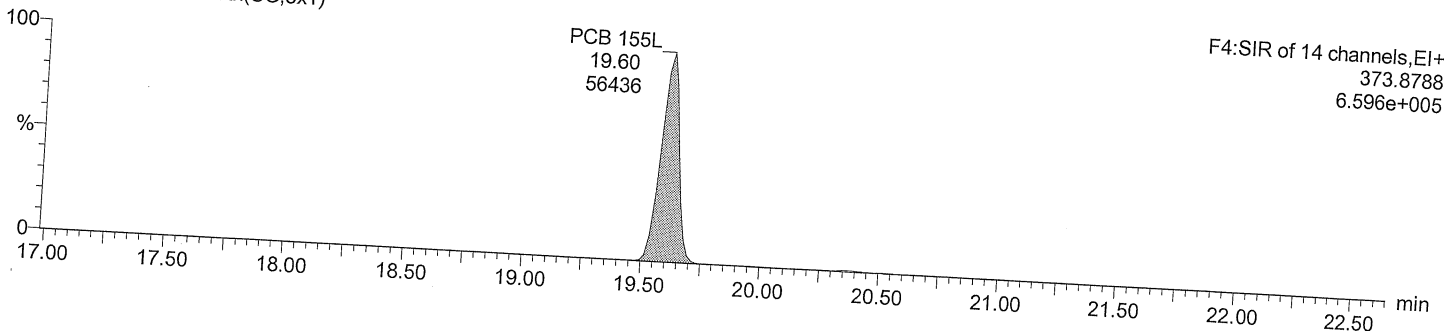
Total HxCB labeled F4

M2160218DS007 Smooth(SG,3x1)



Total HxCB labeled F4

M2160218DS007 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time

Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

Description: BRP508-01R

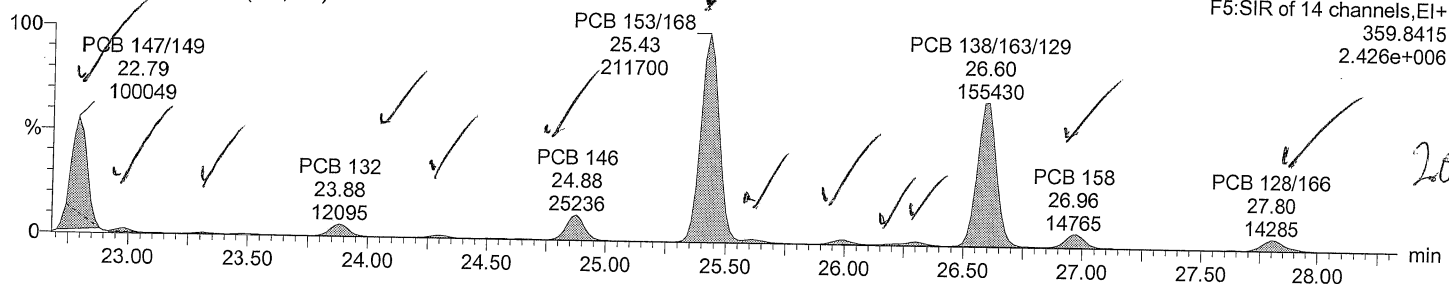
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Date: 18-FEB-2016

Time: 23:28:36

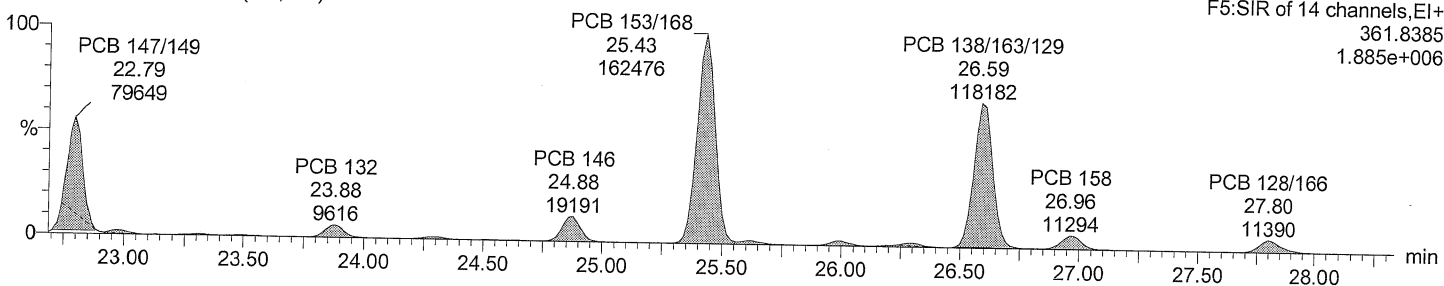
Total HxCB F5

M2160218DS007 Smooth(SG,1x1)



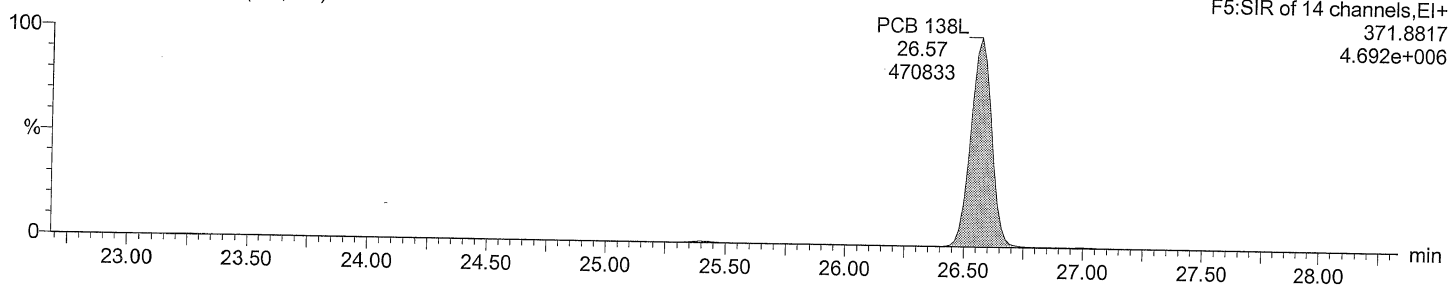
Total HxCB F5

M2160218DS007 Smooth(SG,1x1)



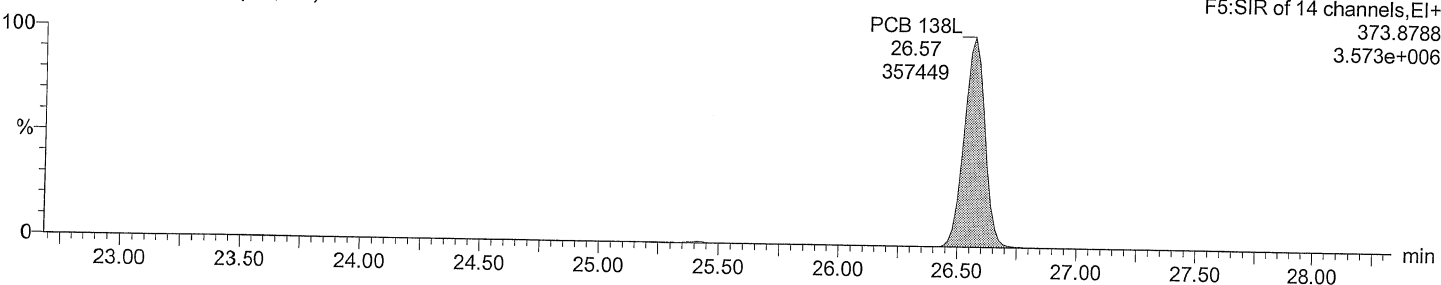
Total HxCB labeled F5

M2160218DS007 Smooth(SG,3x1)



Total HxCB labeled F5

M2160218DS007 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time

Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

Description: BRP508-01R

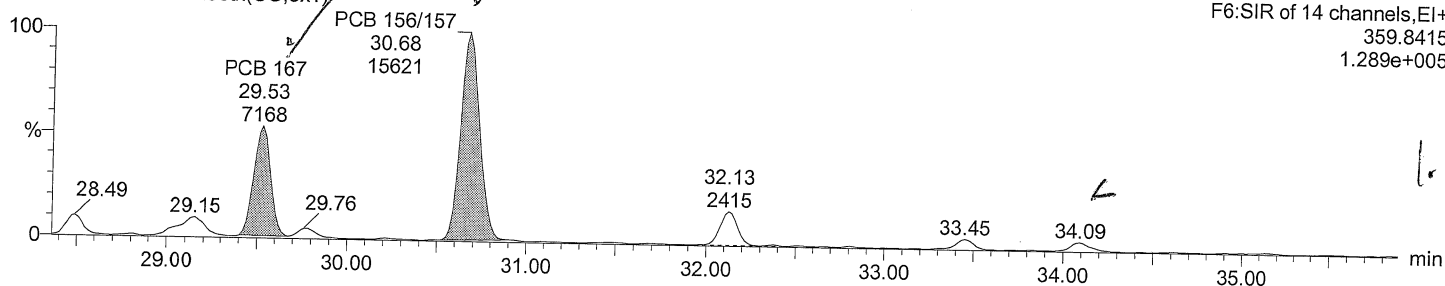
Vial: 7

Date: 18-FEB-2016

Time: 23:28:36

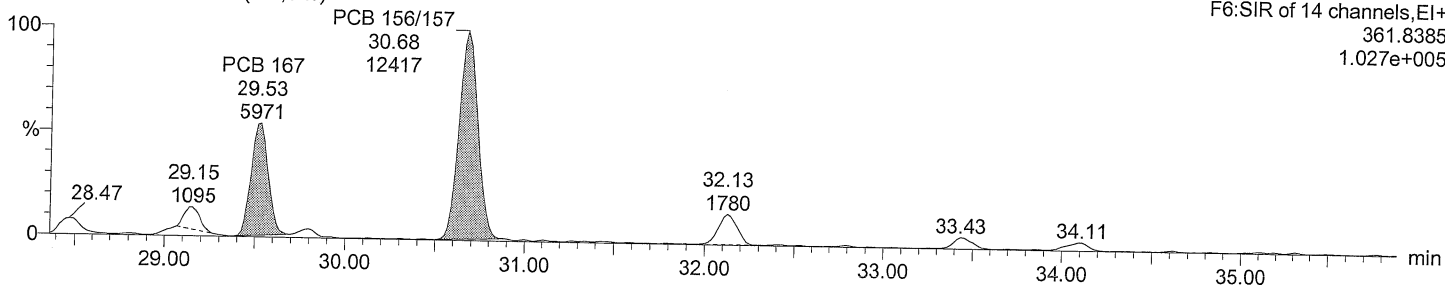
Total HxCB F6

M2160218DS007 Smooth(SG,3x1)



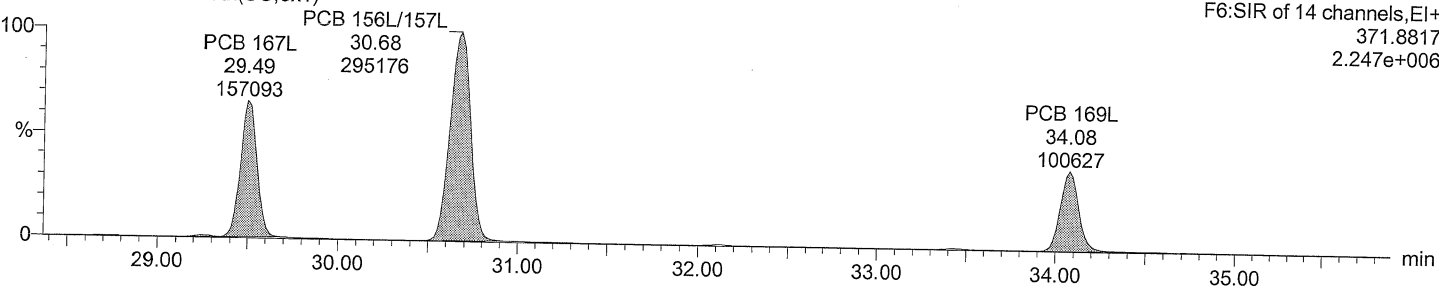
Total HxCB F6

M2160218DS007 Smooth(SG,3x1)



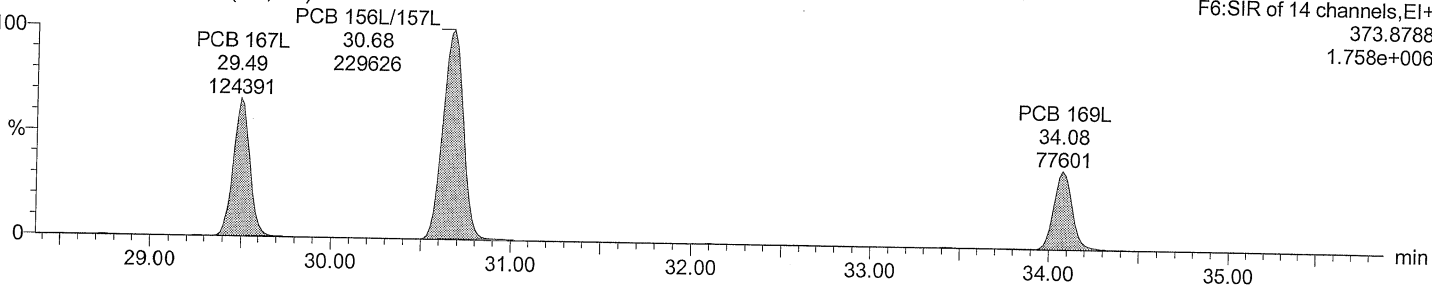
Total HxCB labeled F6

M2160218DS007 Smooth(SG,3x1)



Total HxCB labeled F6

M2160218DS007 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time

Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

Description: BRP508-01R

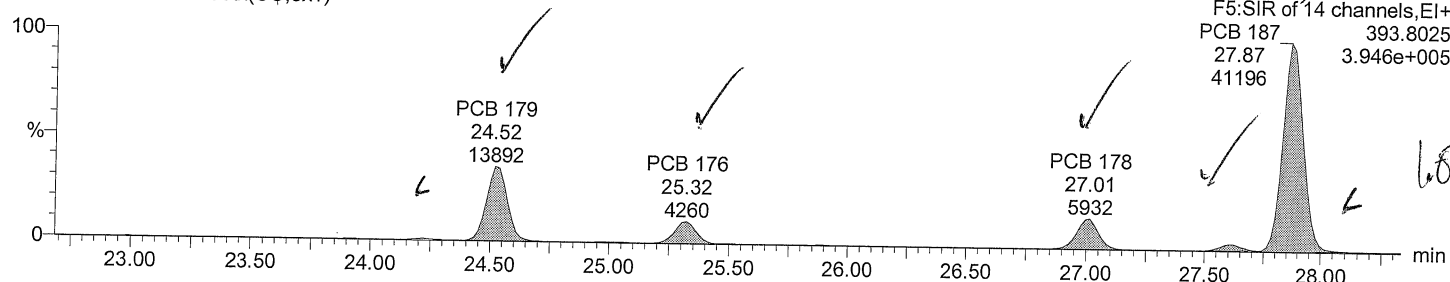
Vial: 7

Date: 18-FEB-2016

Time: 23:28:36

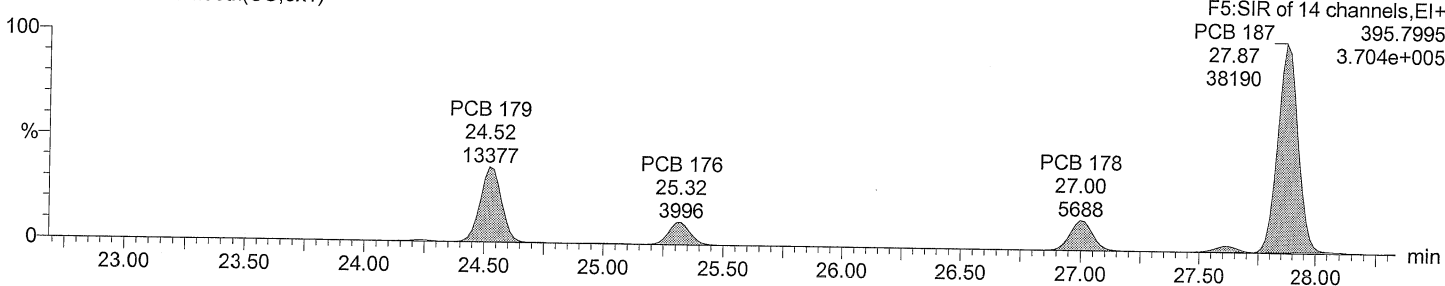
Total HpCB F5

M2160218DS007 Smooth(SG,3x1)



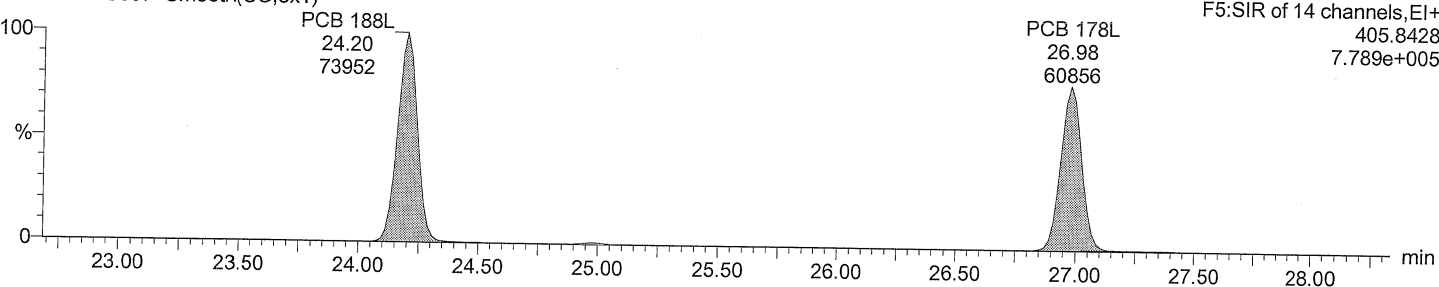
Total HpCB F5

M2160218DS007 Smooth(SG,3x1)



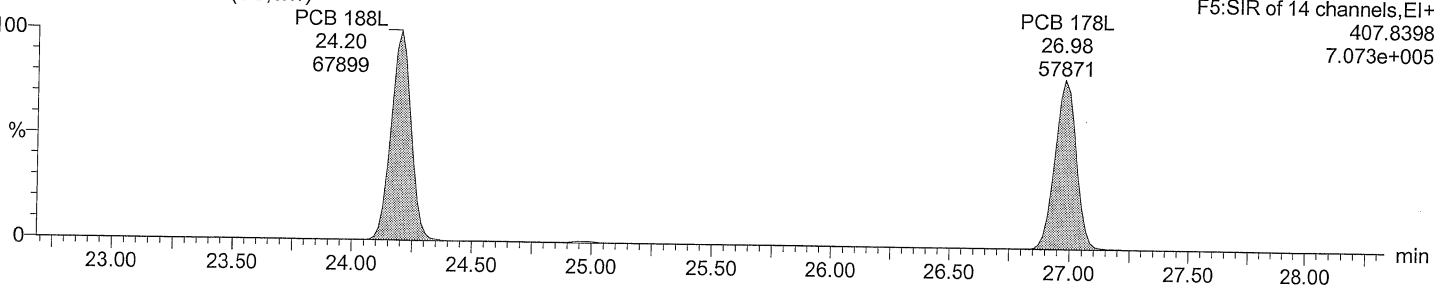
Total HpCB labeled F5

M2160218DS007 Smooth(SG,3x1)



Total HpCB labeled F5

M2160218DS007 Smooth(SG,3x1)



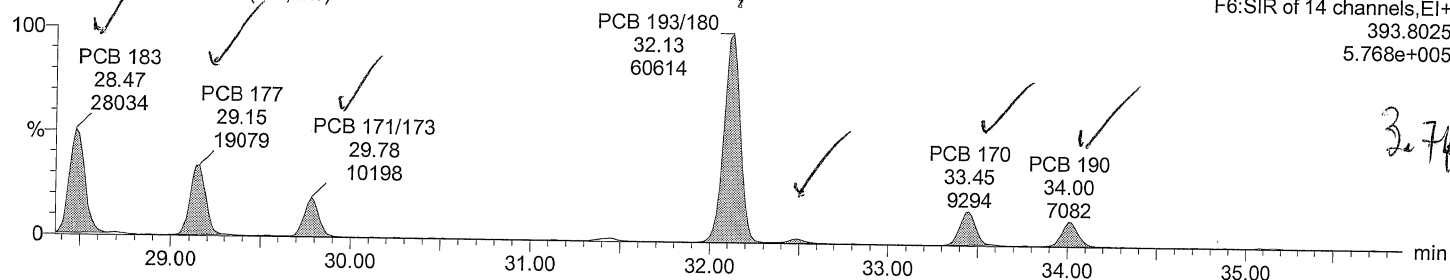
Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time
Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti
Description: BRP508-01R
Vial: 7
Date: 18-FEB-2016
Time: 23:28:36

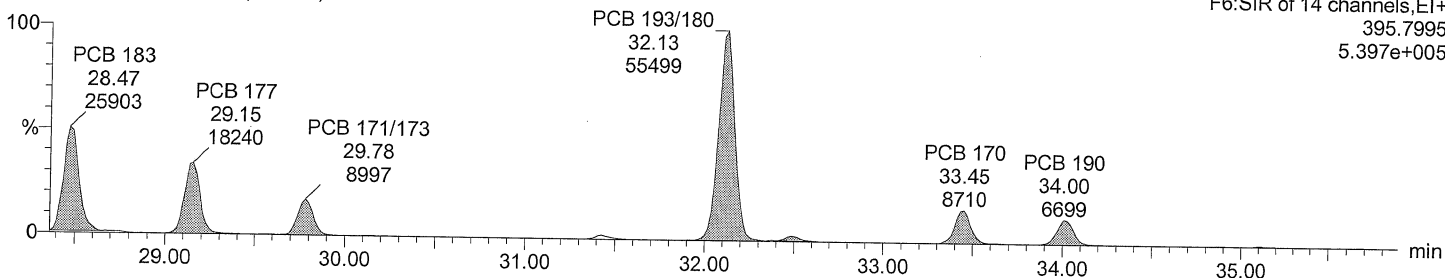
Total HpCB F6

M2160218DS007 Smooth(SG,1x1)



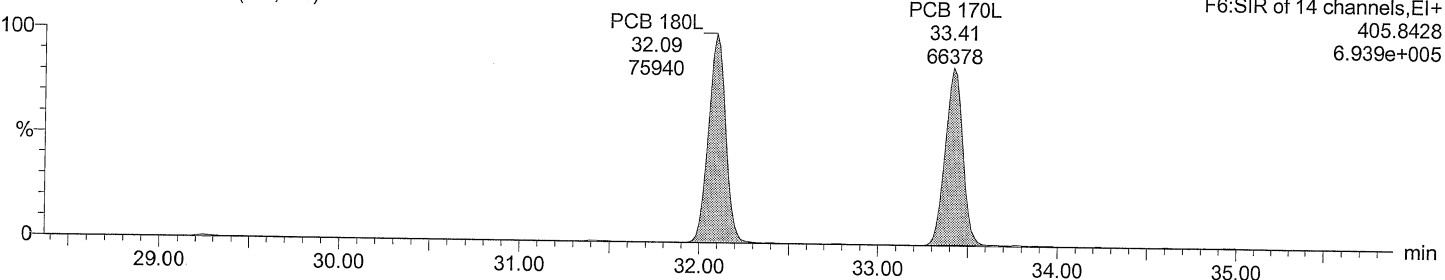
Total HpCB F6

M2160218DS007 Smooth(SG,1x1)



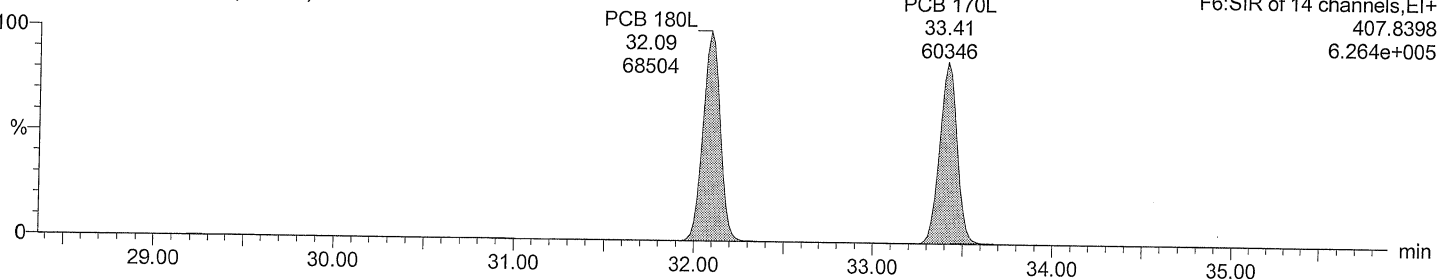
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M2160218DS007 Smooth(SG,3x1)



Total HpCB labeled F6

M2160218DS007 Smooth(SG,3x1)



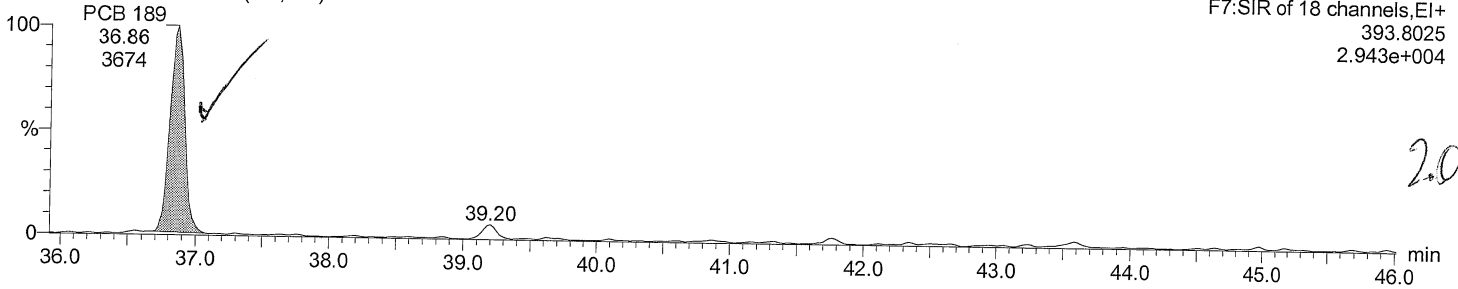
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Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time
Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti
Description: BRP508-01R
Vial: 7
Date: 18-FEB-2016
Time: 23:28:36

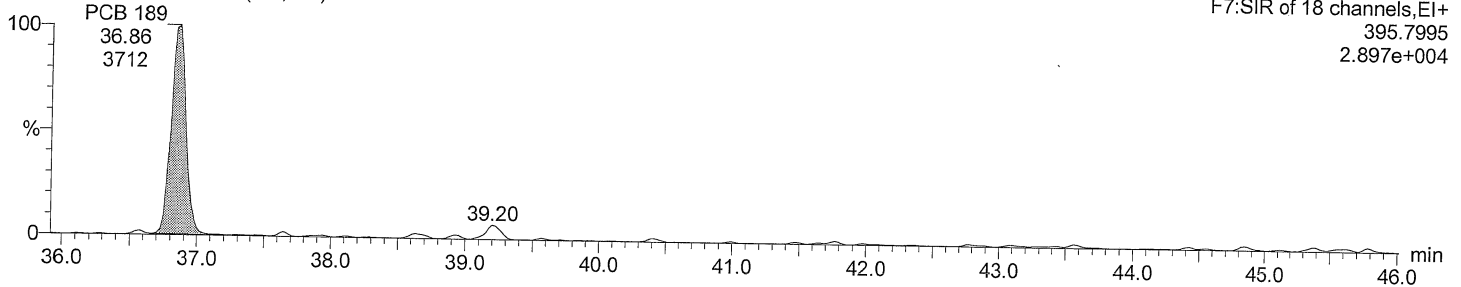
Total HpCB F7

M2160218DS007 Smooth(SG,3x1)



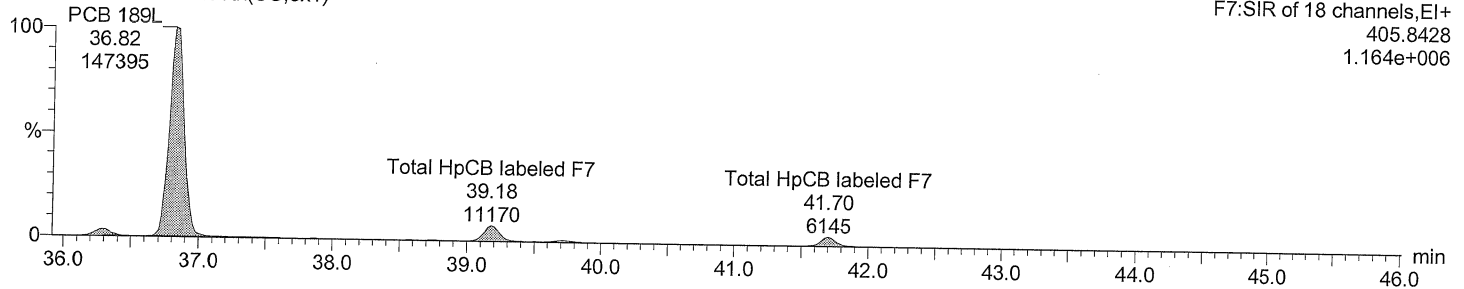
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M2160218DS007 Smooth(SG,3x1)



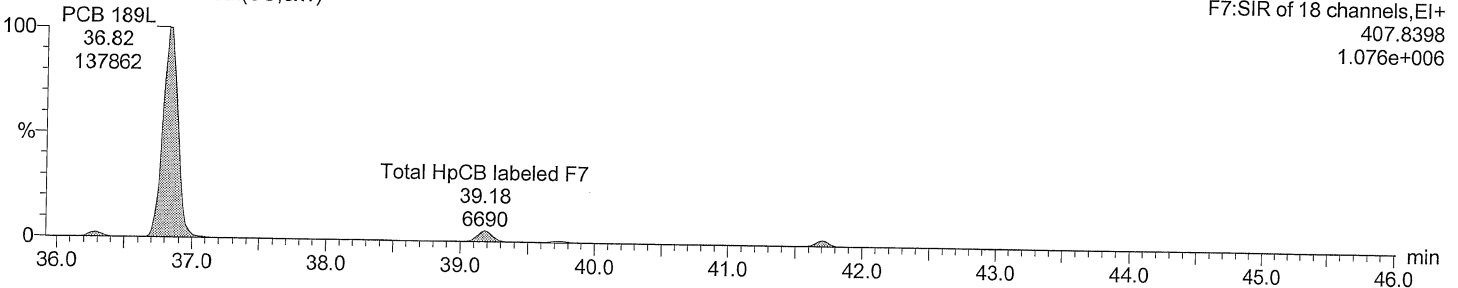
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M2160218DS007 Smooth(SG,3x1)



Total HpCB labeled F7

M2160218DS007 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

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ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

Description: BRP508-01R

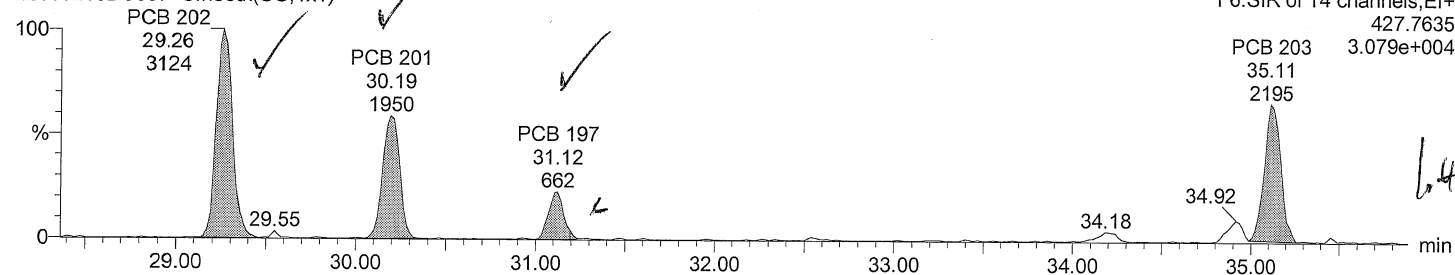
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Date: 18-FEB-2016

Time: 23:28:36

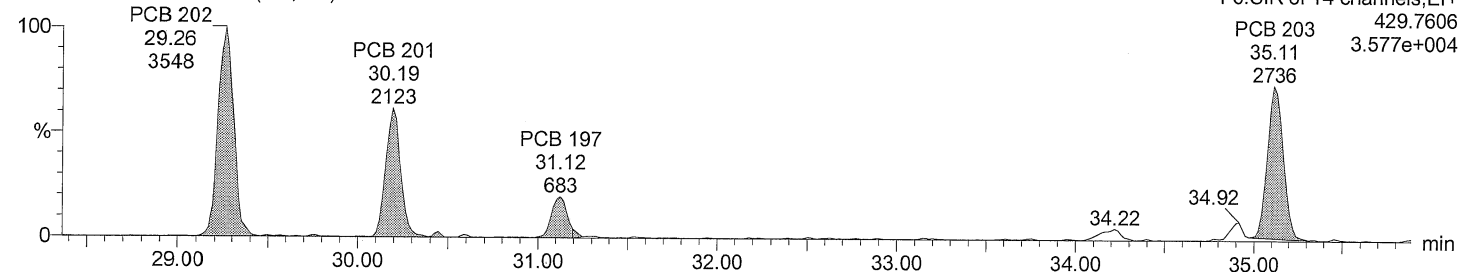
Total OcCB F6

M2160218DS007 Smooth(SG,1x1)



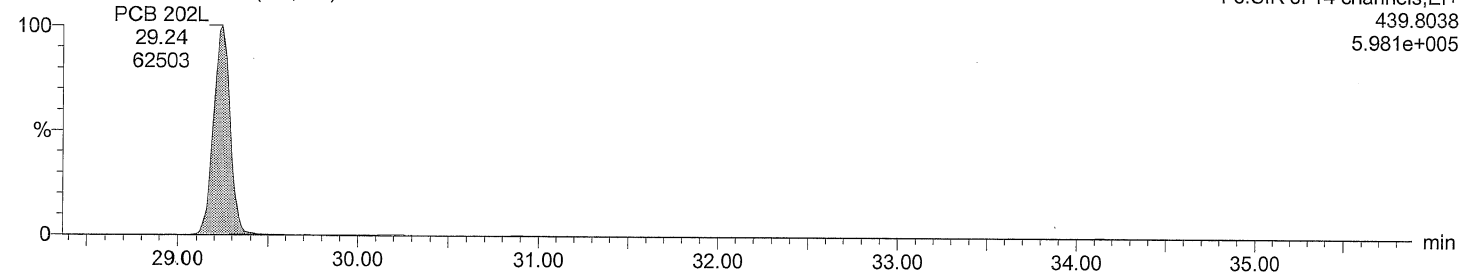
Total OcCB F6

M2160218DS007 Smooth(SG,1x1)



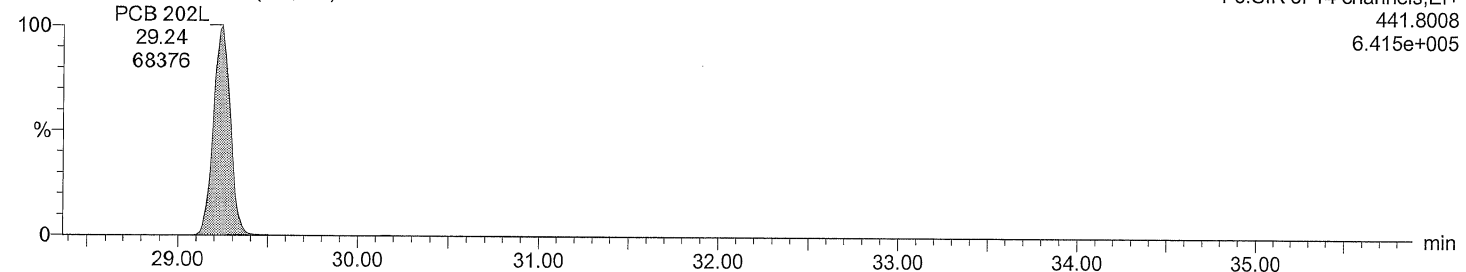
Total OcCB labeled F6

M2160218DS007 Smooth(SG,3x1)



Total OcCB labeled F6

M2160218DS007 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time

Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

Description: BRP508-01R

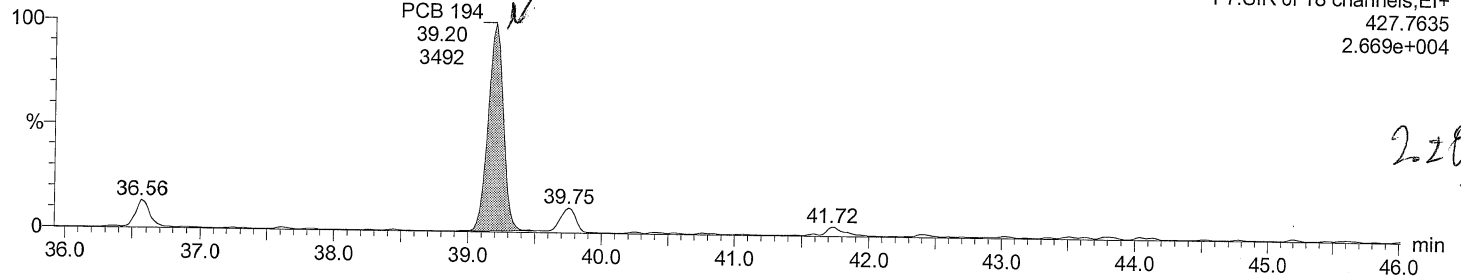
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Date: 18-FEB-2016

Time: 23:28:36

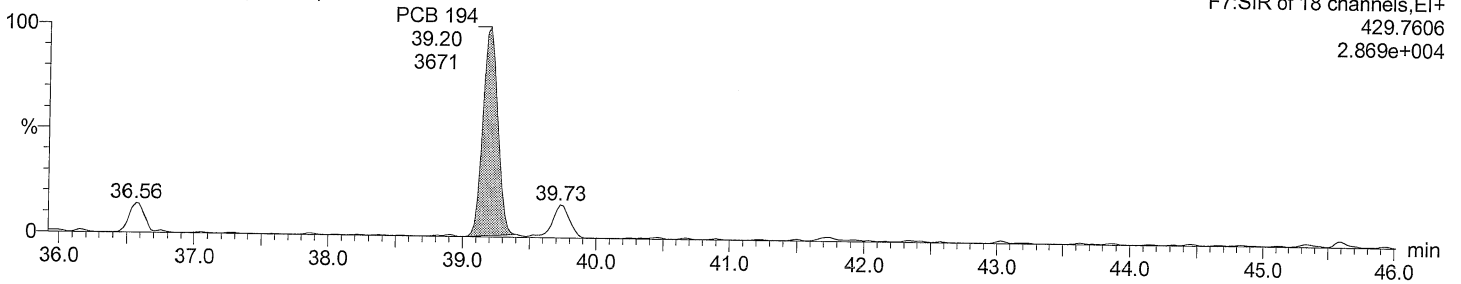
Total OcCB F7

M2160218DS007 Smooth(SG,3x1)



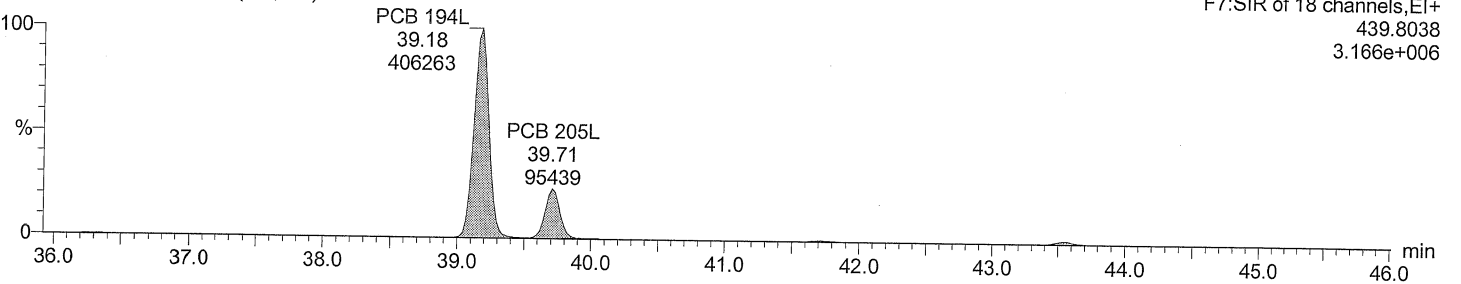
Total OcCB F7

M2160218DS007 Smooth(SG,3x1)



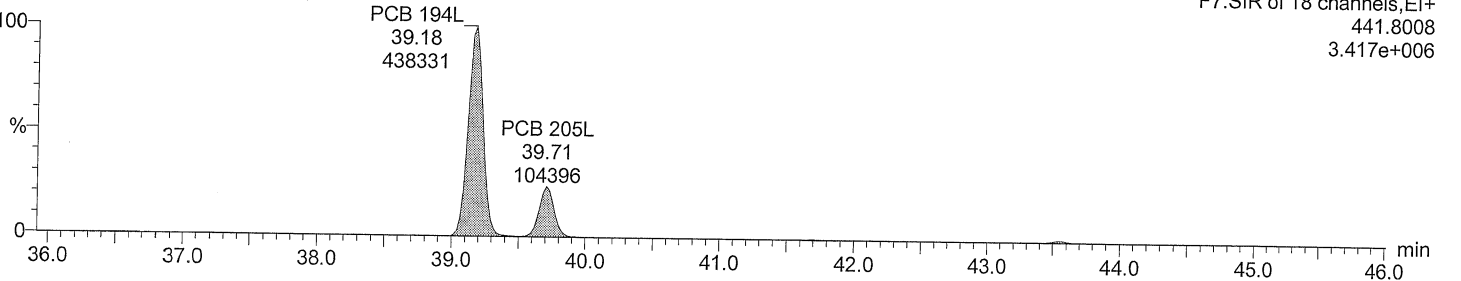
Total OcCB labeled F7

M2160218DS007 Smooth(SG,3x1)



Total OcCB labeled F7

M2160218DS007 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time

Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

Description: BRP508-01R

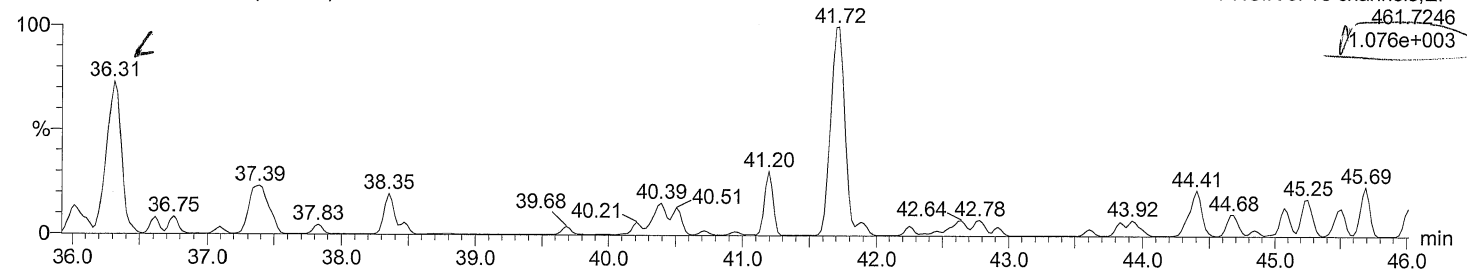
Vial: 7

Date: 18-FEB-2016

Time: 23:28:36

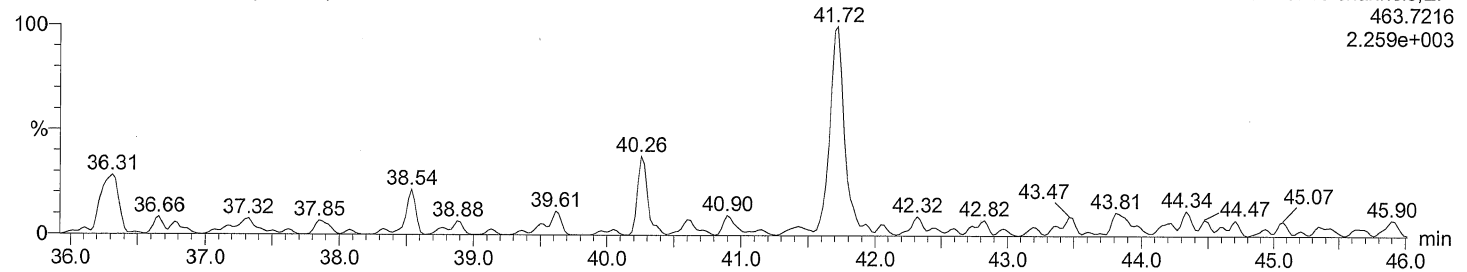
Total NoCB F7

M2160218DS007 Smooth(SG,3x1)



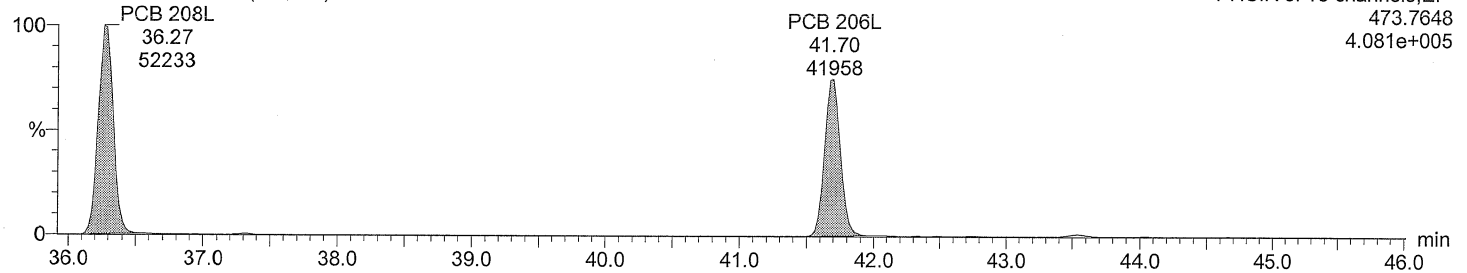
Total NoCB F7

M2160218DS007 Smooth(SG,3x1)



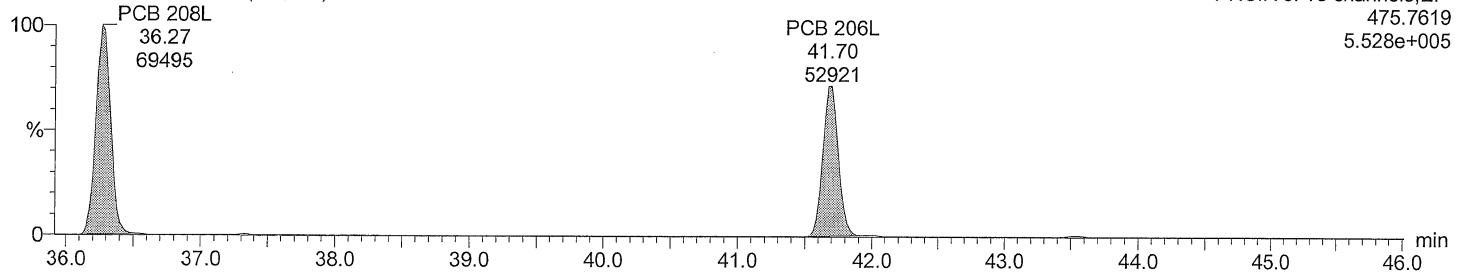
Total NoCB labeled F7

M2160218DS007 Smooth(SG,3x1)



Total NoCB labeled F7

M2160218DS007 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time

Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

Description: BRP508-01R

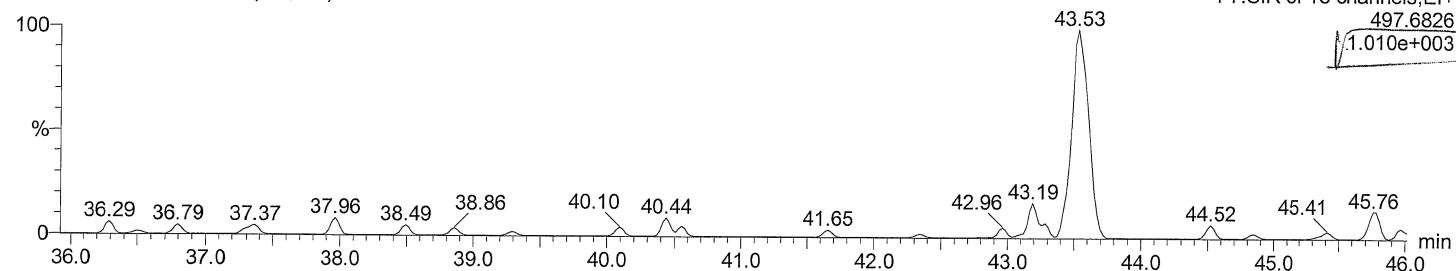
Vial: 7

Date: 18-FEB-2016

Time: 23:28:36

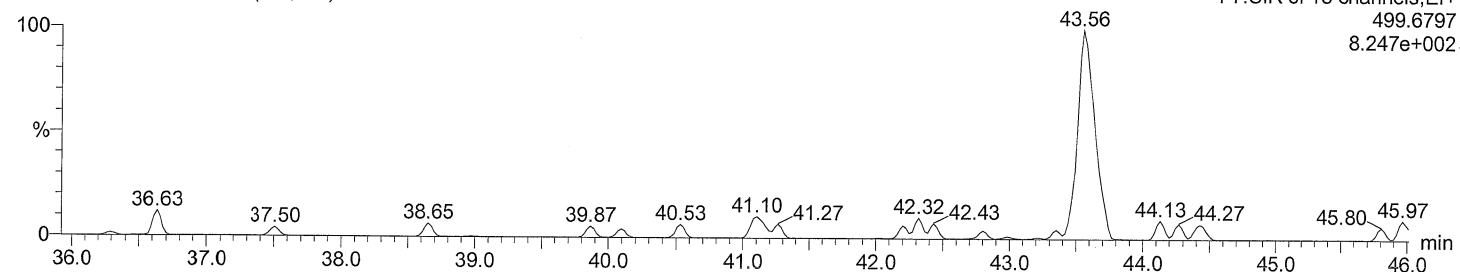
Total DeCB F7

M2160218DS007 Smooth(SG,3x1)



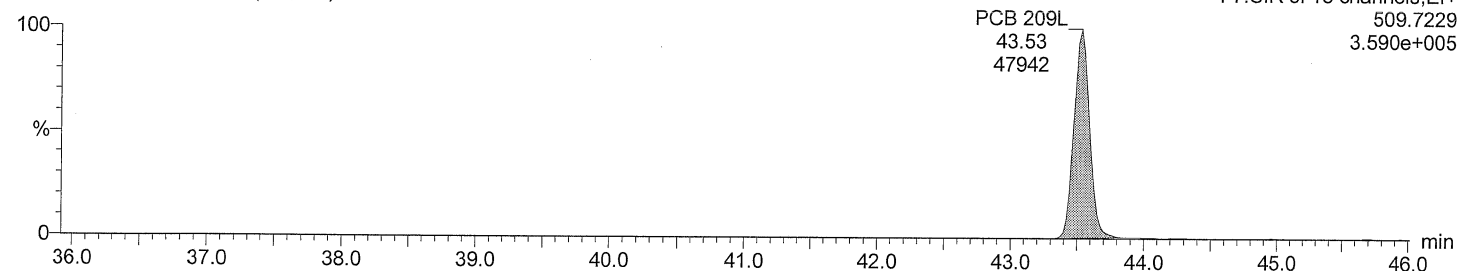
Total DeCB F7

M2160218DS007 Smooth(SG,3x1)



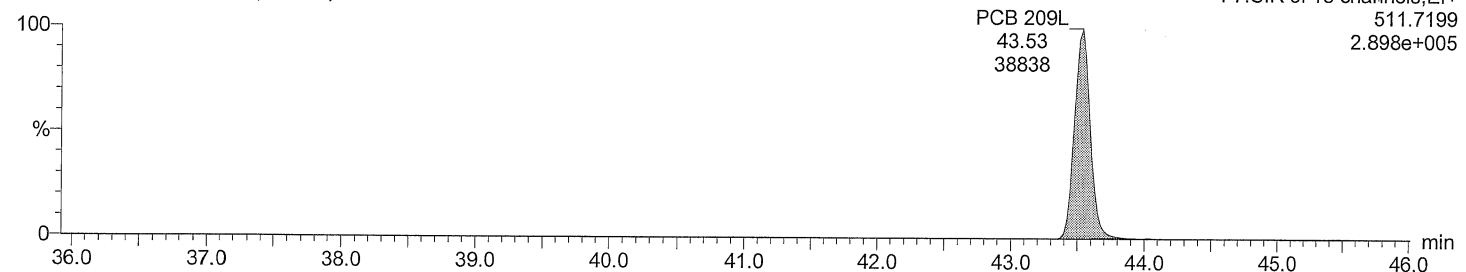
Total DeCB labeled F7

M2160218DS007 Smooth(SG,3x1)



Total DeCB labeled F7

M2160218DS007 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time

Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

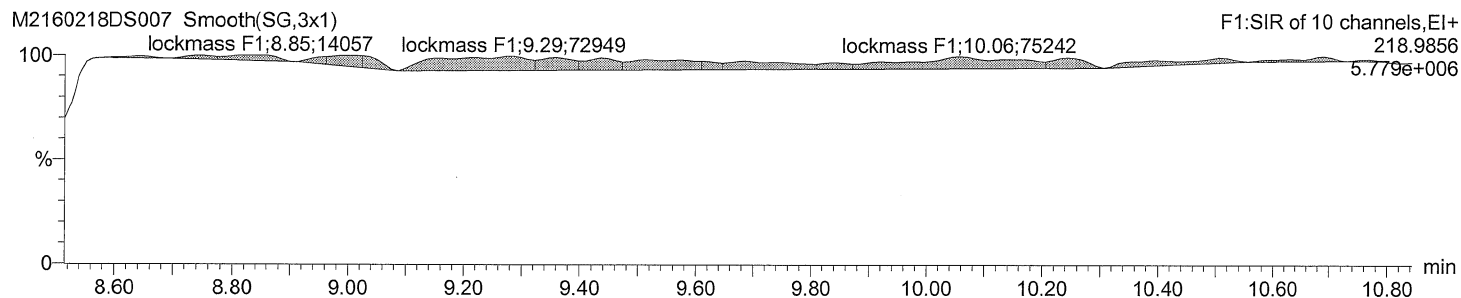
Description: BRP508-01R

Vial: 7

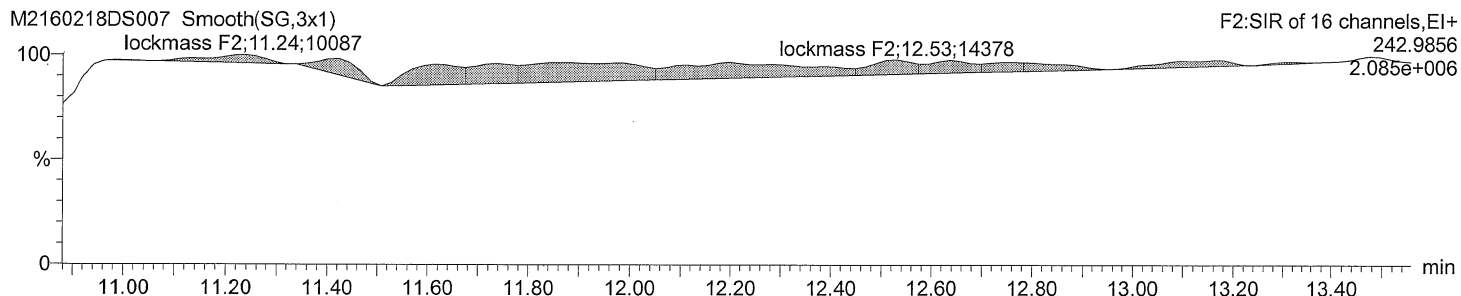
Date: 18-FEB-2016

Time: 23:28:36

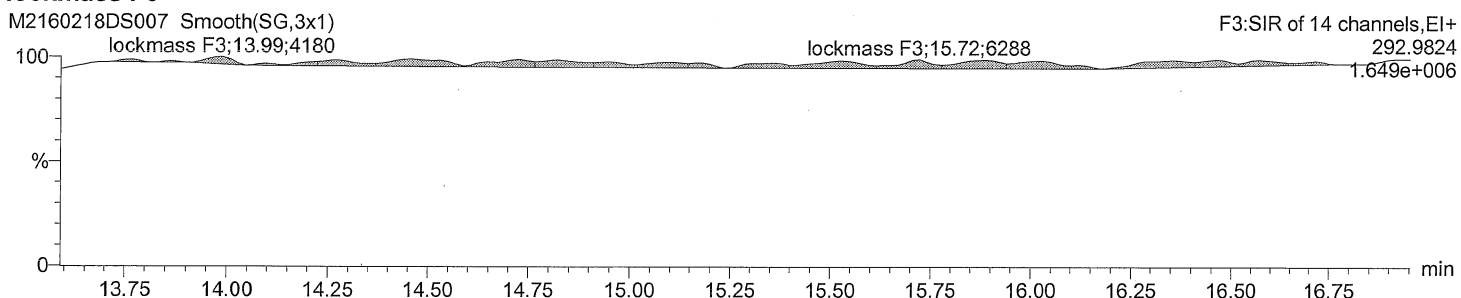
lockmass F1



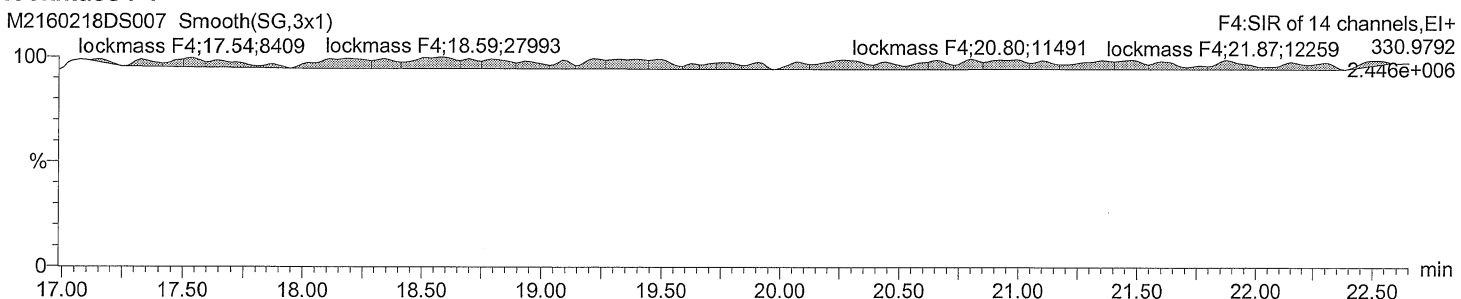
lockmass F2



lockmass F3



lockmass F4



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 10:27:04 AM Eastern Standard Time

Printed: February 20, 2016 10:30:25 AM Eastern Standard Time

ID: Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

Description: BRP508-01R

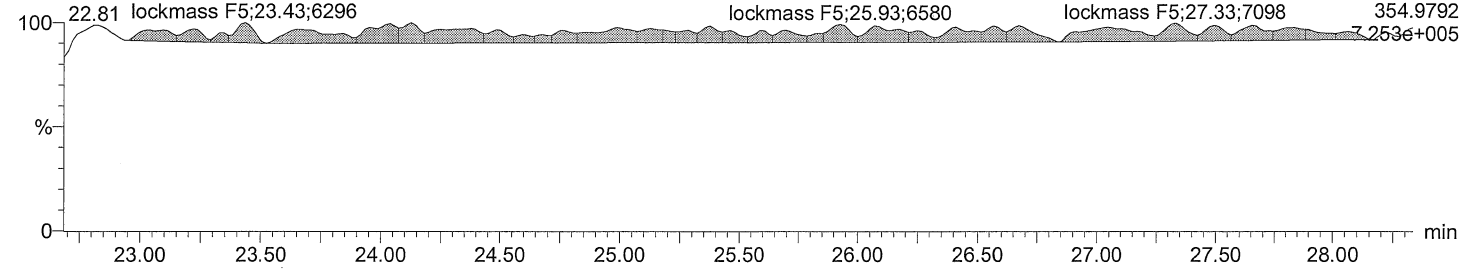
Vial: 7

Date: 18-FEB-2016

Time: 23:28:36

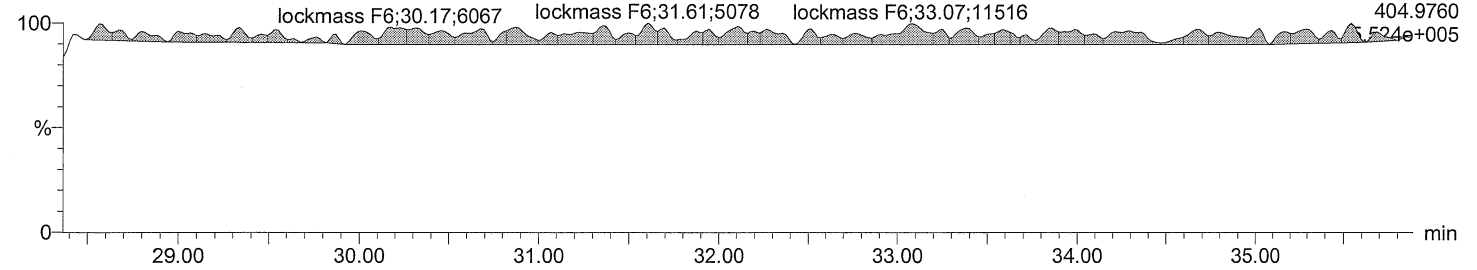
lockmass F5

M2160218DS007 Smooth(SG,3x1)



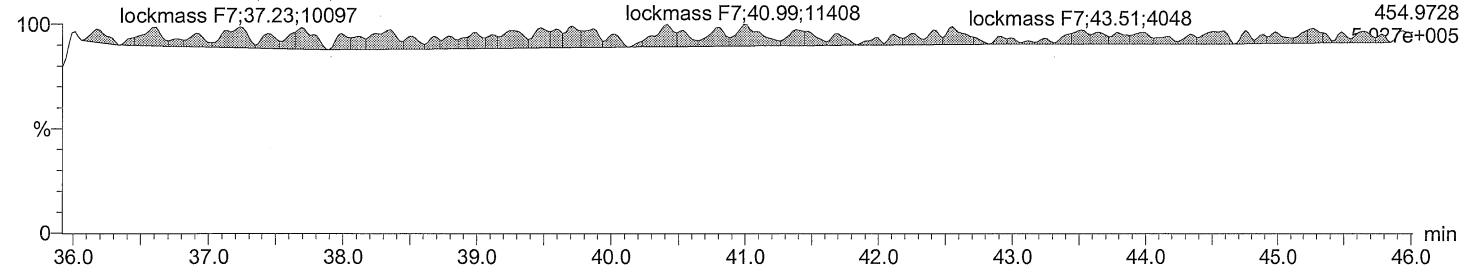
lockmass F6

M2160218DS007 Smooth(SG,3x1)



lockmass F7

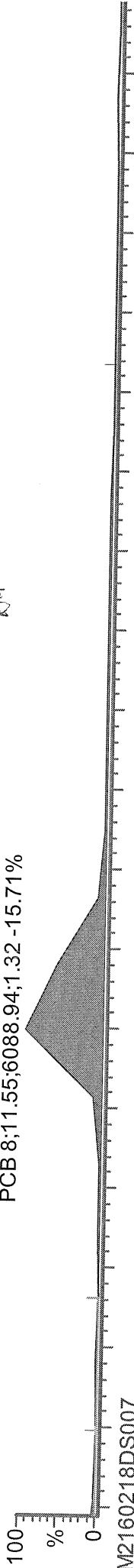
M2160218DS007 Smooth(SG,3x1)



Before
18.02.20
AA..

M2160218DS007
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

PCB 8;11.55;6088.94;1.32 -15.71%



M2160218DS007
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

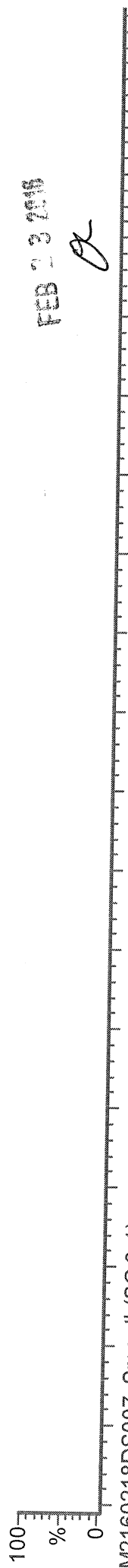
PCB 8
11.55
4629

PCB 8
11.55
4629.57

11.76
1187.38*
11.76
1187.38*

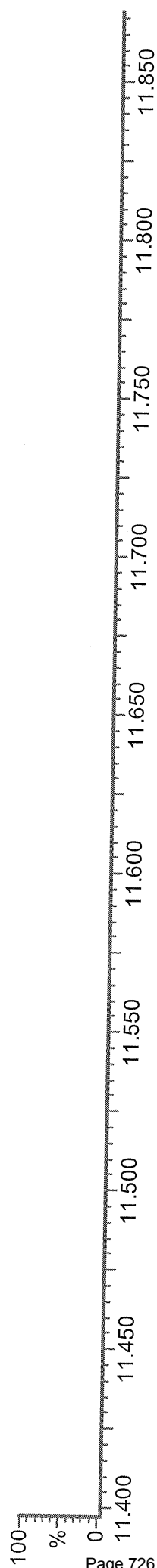
11.86

M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



FEB 23 2018
R

M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



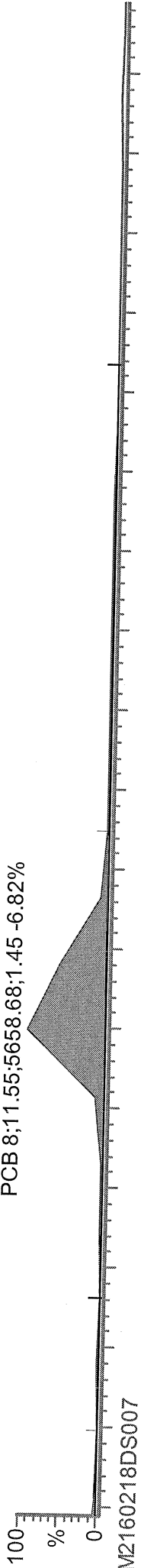
M3 16/02/20 : AH

Maxxam Analytics

M2160218DS007

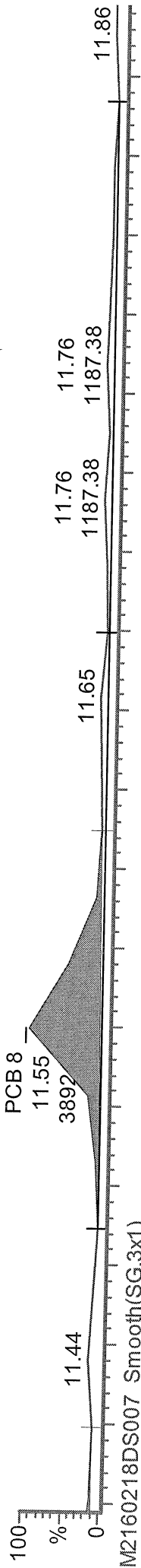
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

PCB 8;11.55;5658.68;1.45 -6.82%



M2160218DS007

BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



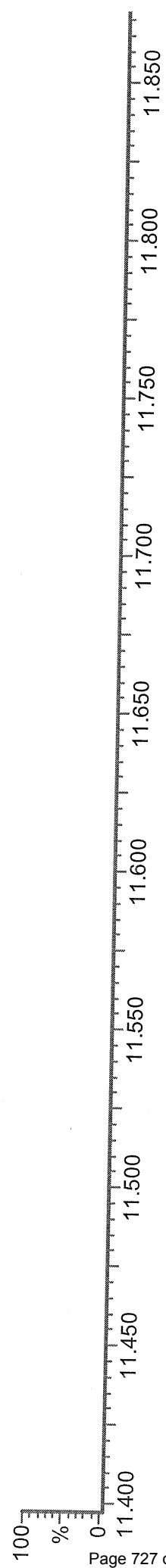
M2160218DS007 Smooth(SG,3x1)

BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

FEB 23 2016

M2160218DS007 Smooth(SG,3x1)

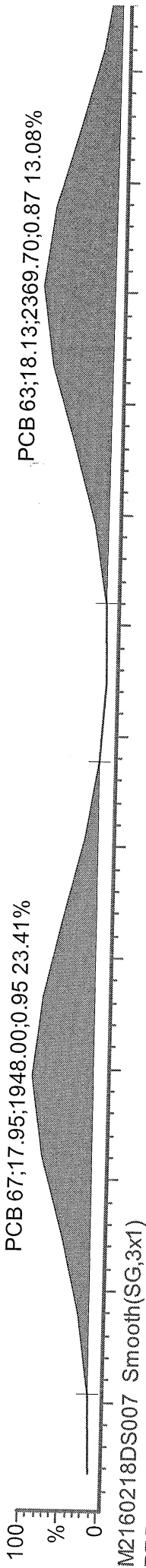
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



Before
6.02.20
Att.

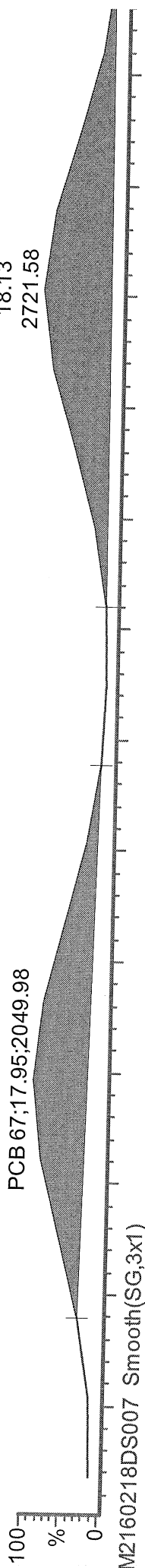
M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI

PCB 67;17.95;1948.00;0.95 23.41%



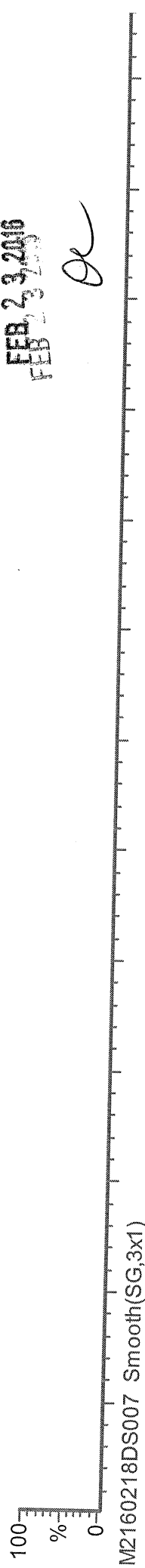
M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI

PCB 67;17.95;2049.98



PCB 63
18.13
2721.58

M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI



FEB 23 2016
FEB 23 2016
OK

M3 16/02/20 : AH

Maxxam Analytics

M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

100 %
0
PCB 67;17.95;2516.90;0.77 0.13%

PCB 63;18.13;2589.83;0.79 3.23%

M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

100 %
0
PCB 67;17.95;3264.49

PCB 63
18.13
3258.15

M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

100 %
0

M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

100 %
0

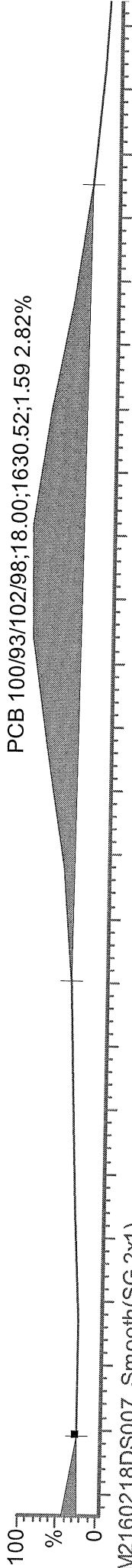
FEB 23 2016

17.875 17.900 17.925 17.950 17.975 18.000 18.025 18.050 18.075 18.100 18.125 18.150 18.175

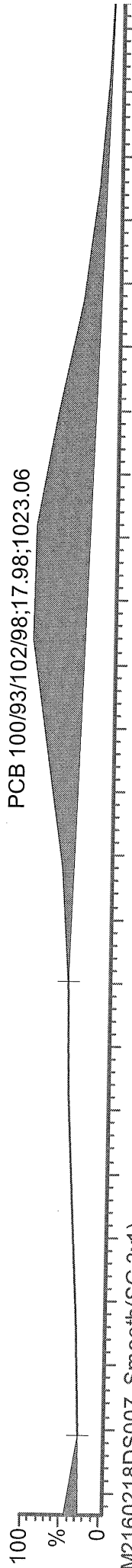
Before

*16.02.20
AA..*

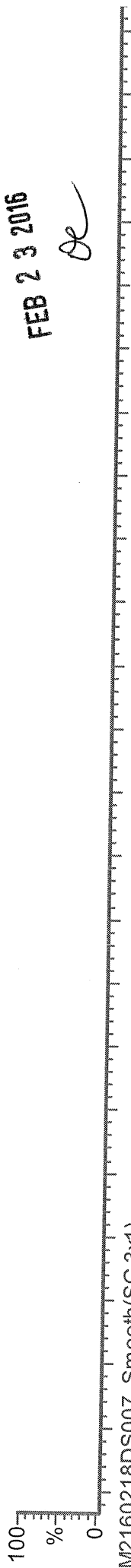
M2160218DS007 Smooth(SG,2x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



M2160218DS007 Smooth(SG,2x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

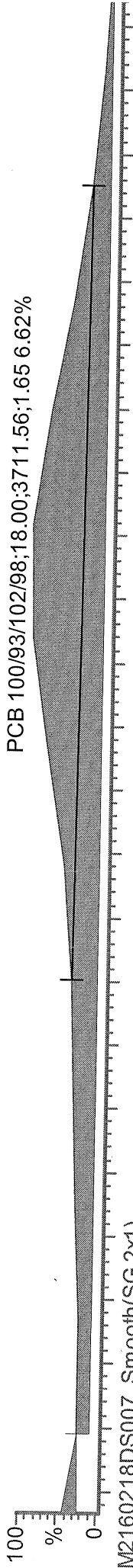


FEB 23 2016

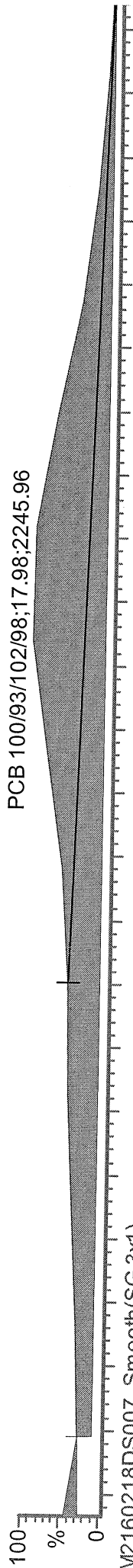
M3 16/02/20 : AH

Maxxam Analytical

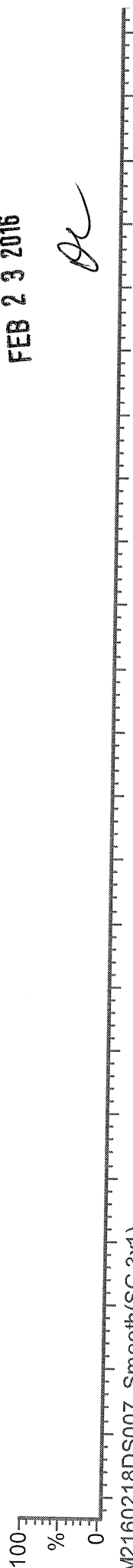
M2160218DS007 Smooth(SG,2x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



M2160218DS007 Smooth(SG,2x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

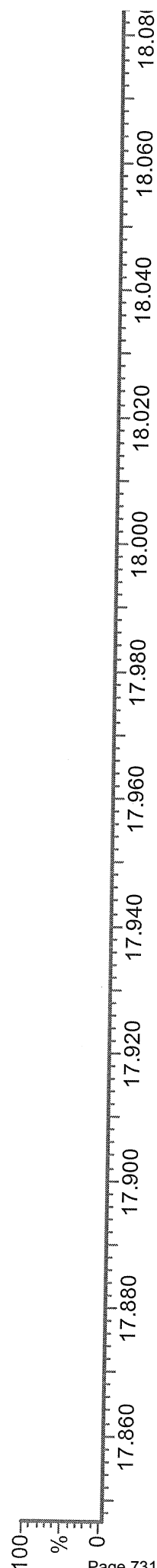


M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



FEB 23 2016

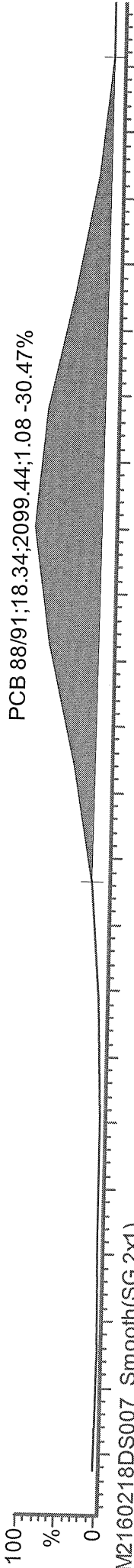
M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



Before

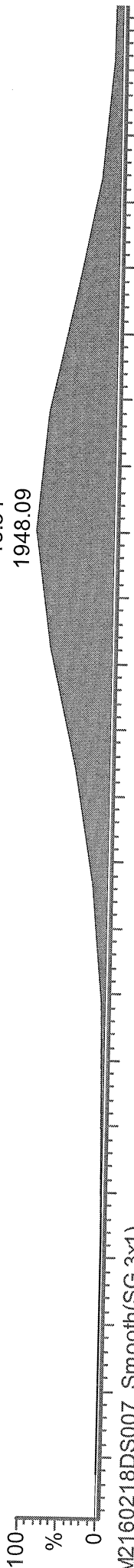
6.02.20
Att.

M2160218DS007 Smooth(SG,2x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

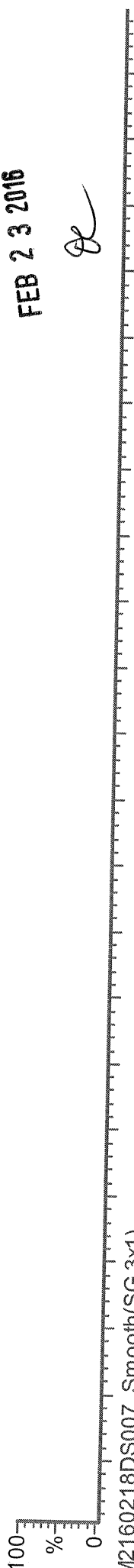


M2160218DS007 Smooth(SG,2x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

PCB 88/91
18.34
1948.09

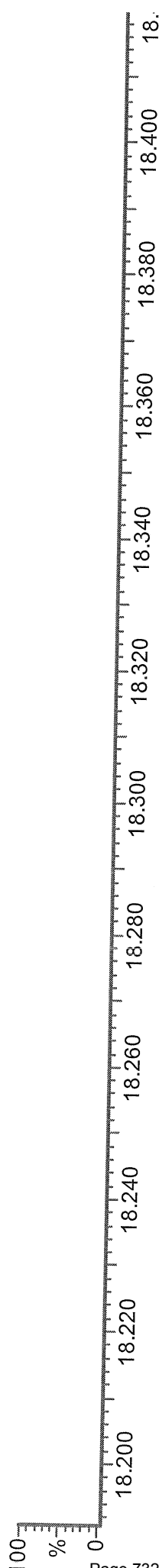


M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



FEB 23 2016

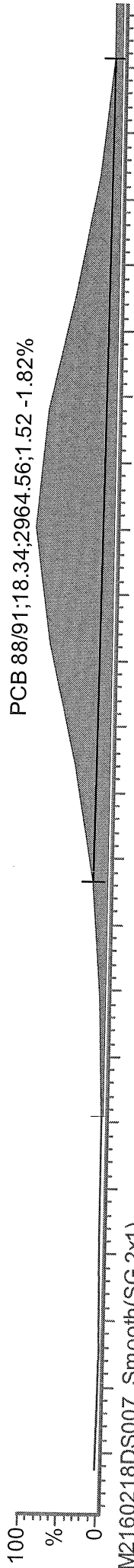
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BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



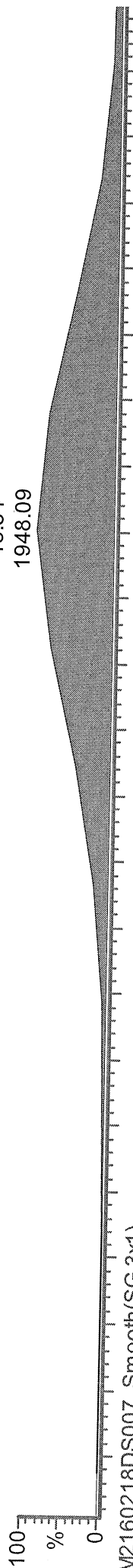
M3 16/02/20 : AH

Maxxam Analytical

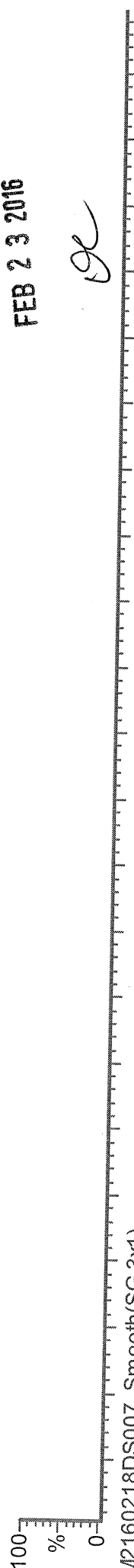
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BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



M2160218DS007 Smooth(SG,2x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

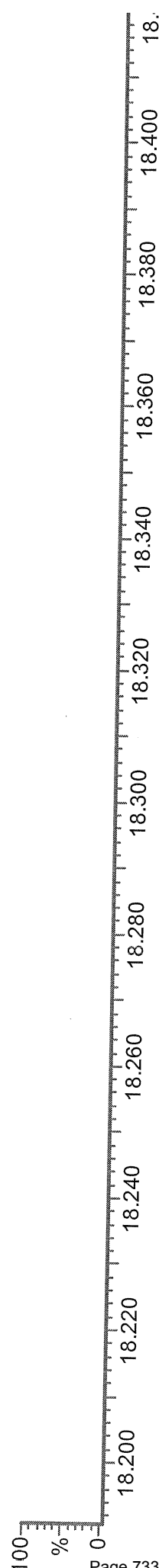


M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



FEB 23 2016

M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



Before
18.02.20
AA-

M2160218DS007 Smooth(SG,2x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

100%
0%
PCB 107;23.40;4535.34;1.65 6.59%

M2160218DS007 Smooth(SG,2x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

100%
0%
PCB 108/124
23.20
1268.46
PCB 107;23.40;2745.19

M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

100%
0%

M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

100%
0%

FEB 23 2016

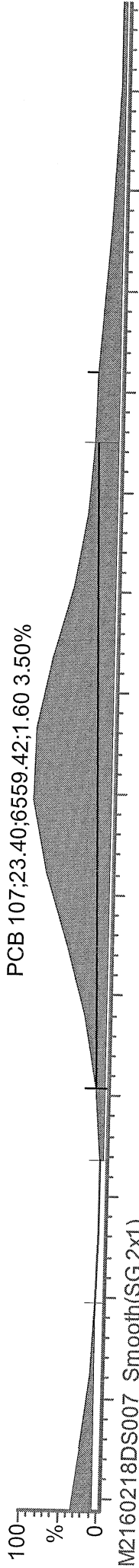
OR

M3 16/02/20 : AH

Maxxam Analyt

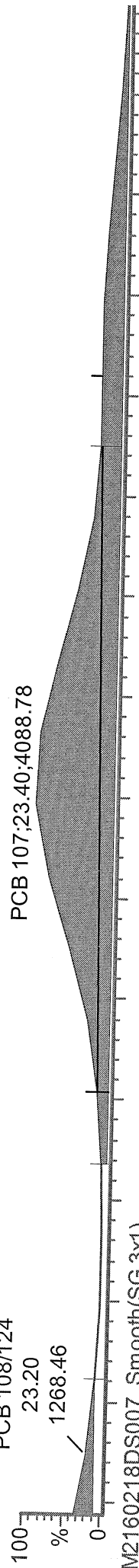
M2160218DS007 Smooth(SG,2x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

PCB 107;23.40;6559.42;1.60 3.50%

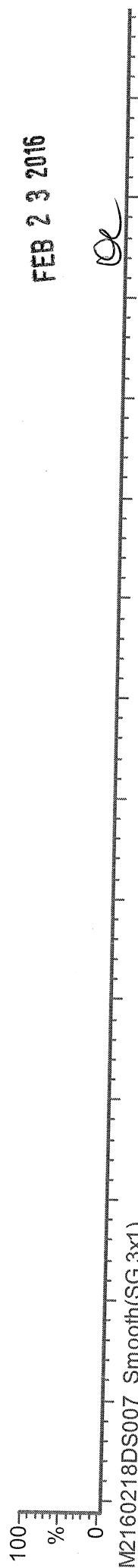


M2160218DS007 Smooth(SG,2x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

PCB 108/124
23.20
1268.46



M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



FEB 23 2016

Q

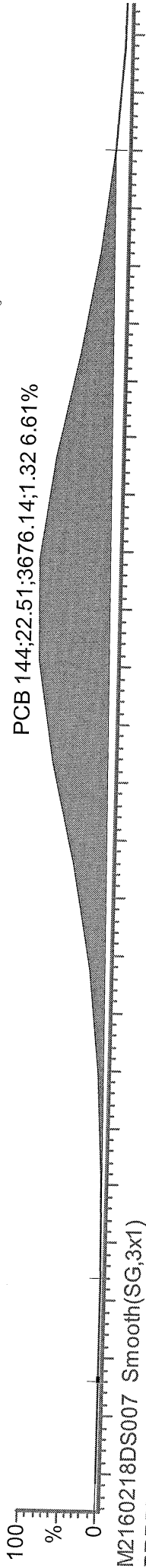
M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



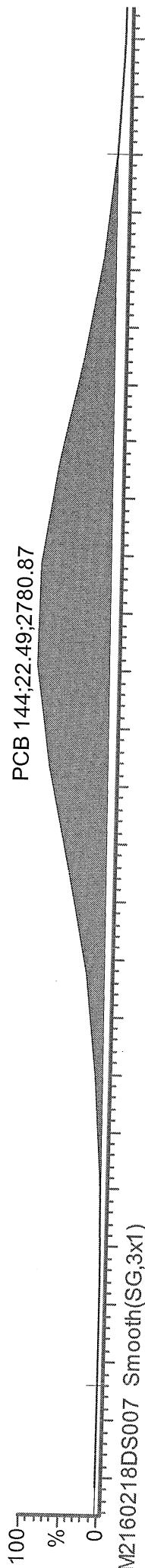
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*16.02.20
AM..*

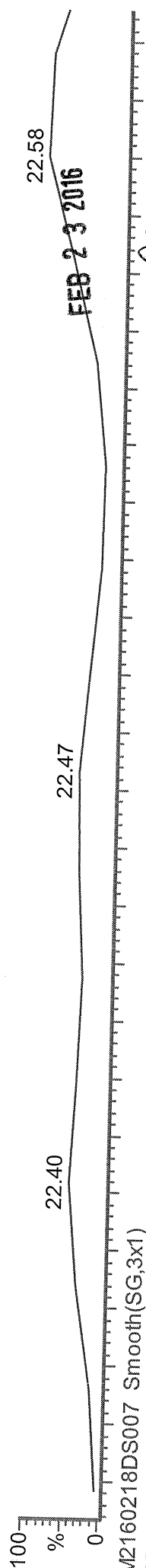
M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI



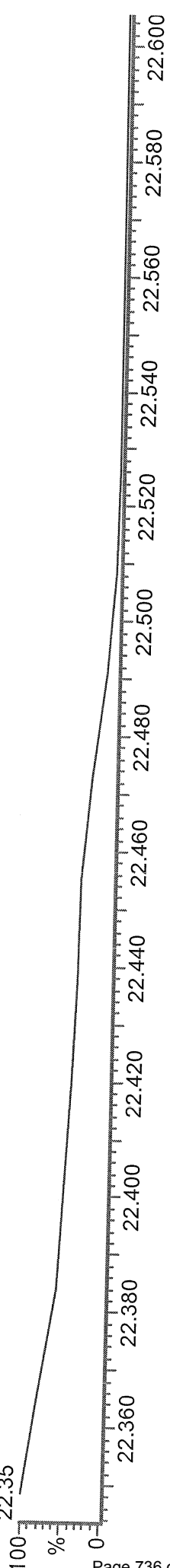
M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI



M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI

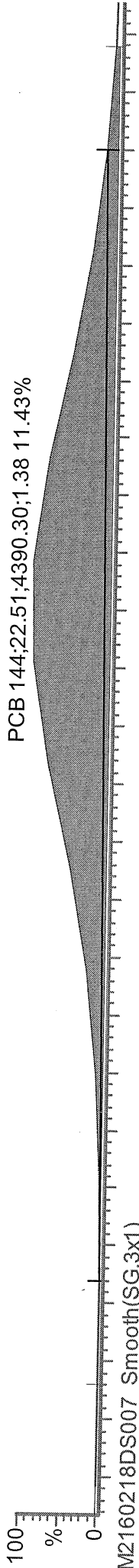


M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI

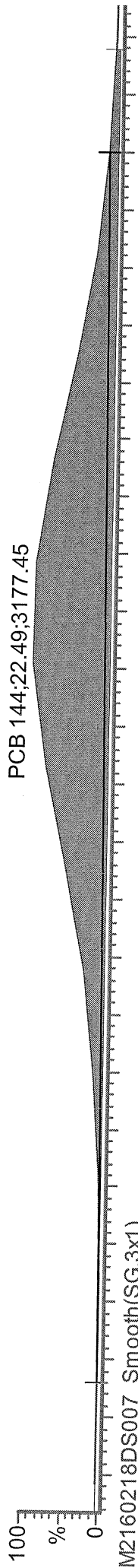


M3 16/02/20 : AH

M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

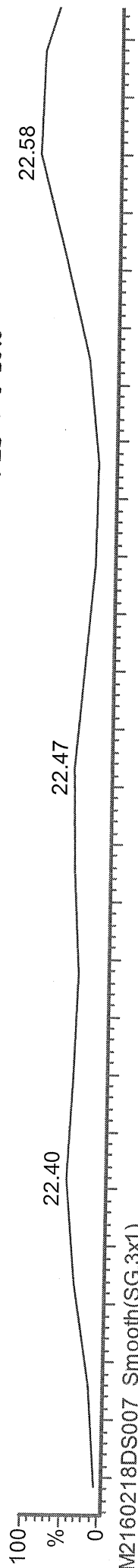


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BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti



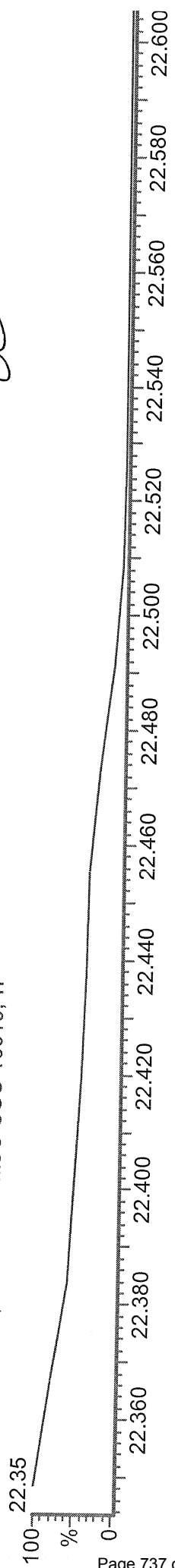
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BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

FEB 23 2016



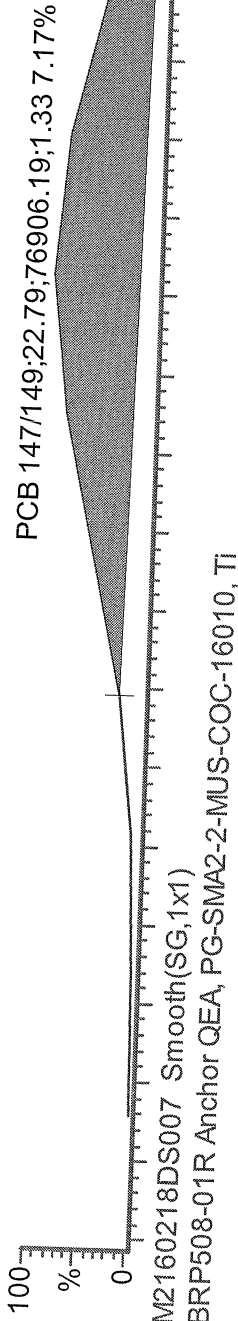
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BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, Ti

OC

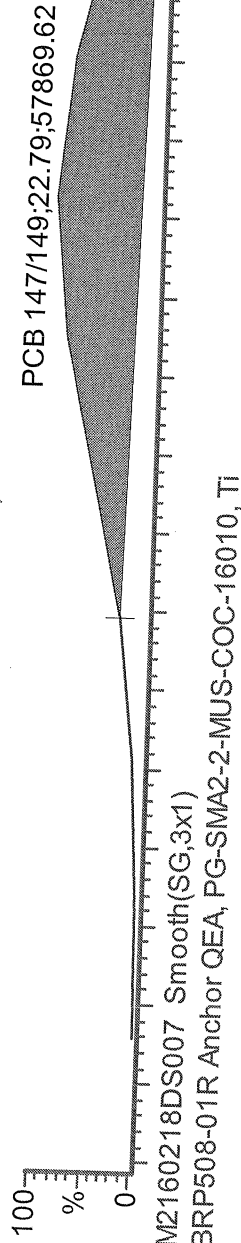


Below
16.02.20
A.H.-

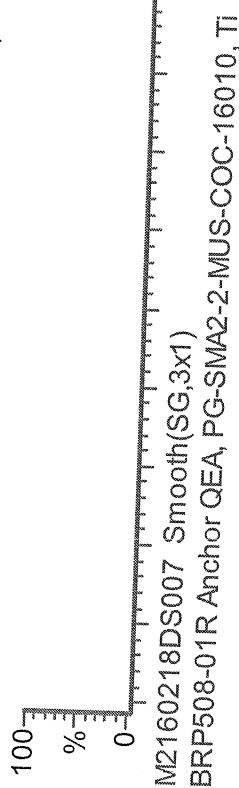
M2160218DS007 Smooth(SG,1x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI



M2160218DS007 Smooth(SG,1x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI



M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI

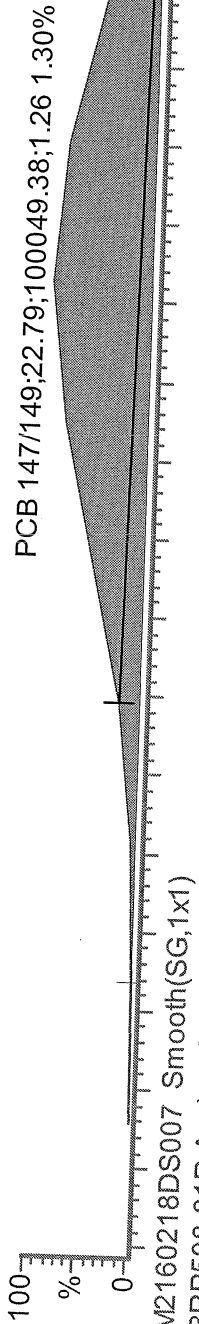


M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI

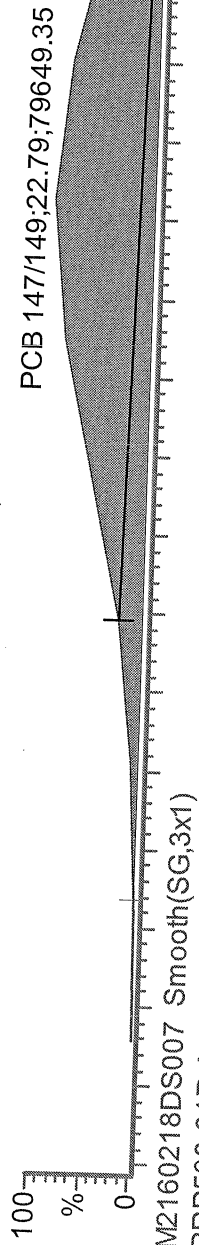
FEB 23 2016
De

M3 16/02/20 : AH

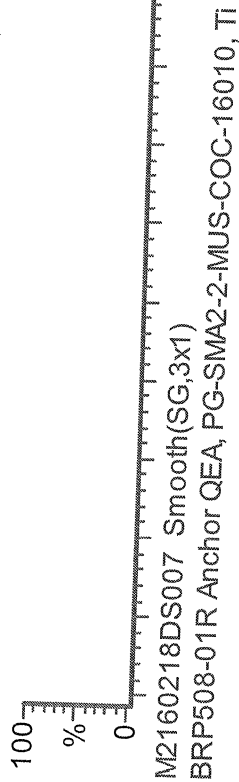
M2160218DS007 Smooth(SG,1x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI



M2160218DS007 Smooth(SG,1x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI



M2160218DS007 Smooth(SG,3x1)
BRP508-01R Anchor QEA, PG-SMA2-2-MUS-COC-16010, TI



FEB 23 2016

Sample ID BRP509-01R
 Comments
 Instrument File Ultima 3
 Sample Size 10.142

Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng	Code	Isomers	DL	S/N	Mod	rrf	Rec
1 PCB 1	188	NotFnd	*	*	*	-0.00063			-0.00063	*	no	1.082	-
	MoCB 190	8.98	*	no	*					*			
2 PCB 2	188	NotFnd	*	*	*	-0.00057			-0.00057	*	no	1.2	-
	MoCB 190	10.10	*	no	*					*			
3 PCB 3	188	NotFnd	*	*	*	-0.00063			-0.00063	*	no	1.079	-
	MoCB 190	10.19	*	no	*					*			
4 PCB 4	222	NotFnd	*	*	*	-0.00248			-0.00248	*	no	0.954	-
	DiCB 224	10.29	*	no	*					*			
5 PCB 10	222	NotFnd	*	*	*	-0.00192			-0.00192	*	no	1.229	-
	DiCB 224	10.36	*	no	*					*			
6 PCB 9	222	NotFnd	*	*	*	-0.00291			-0.00291	*	no	1.311	-
	DiCB 224	11.18	*	no	*					*			
7 PCB 7	222	NotFnd	*	*	*	-0.00327			-0.00327	*	no	1.165	-
	DiCB 224	11.26	*	no	*					*			
8 PCB 6	222	NotFnd	*	*	*	-0.00289			-0.00289	*	no	1.319	-
	DiCB 224	11.34	*	no	*					*			
9 PCB 5	222	NotFnd	*	*	*	-0.00387			-0.00387	*	no	0.983	-
	DiCB 224	11.50	*	no	*					*			
10 PCB 8	222	11.55	6360	1.63	10254	0.007019			-0.00262	62	no	1.456	-
	DiCB 224	11.55	3894	yes	*					6			
11 PCB 14	222	NotFnd	*	*	*	-0.00286			-0.00286	*	no	1.332	-
	DiCB 224	12.26	*	no	*					*			
12 PCB 11	222	12.64	5181	1.35	9029	0.007005			-0.00296	34	no	1.285	-
	DiCB 224	12.66	3848	yes	*					4			
13 PCB 13/12	222	NotFnd	*	*	*	-0.00315			-0.00315	*	no	1.21	-
	DiCB 224	12.81	*	no	*					*			
14 PCB 15	222	12.95	15467	1.52	25627	0.019415			-0.00437	112	no	0.871	-
	DiCB 224	12.96	10160	yes	*					11			
15 PCB 19	256	11.68	1056	1.09	2024	0.004135			-0.00118	20	yes	0.899	-
	TriCB 258	11.70	968	yes	*					17			
16 PCB 30/18	256	12.49	13603	1.08	26200	0.028935			-0.0013	244	no	0.813	-
	TriCB 258	12.48	12597	yes	*					236			
17 PCB 17	256	12.68	2824	0.96	5773	0.007593			-0.00155	42	no	0.683	-
	TriCB 258	12.69	2949	yes	*					47			
18 PCB 27	256	12.78	2469	0.97	5010	0.004491			-0.00106	41	yes	1.002	-
	TriCB 258	12.78	2541	yes	*					45			
19 PCB 24	256	12.87	280	0.74	657	-0.00124			-0.00124	*	yes	0.855	-
	TriCB 258	12.87	377	no	*					*			
20 PCB 16	256	12.91	4177	1.08	8047	0.014439			-0.00211	69	yes	0.501	-
	TriCB 258	12.90	3870	yes	*					62			
21 PCB 32	256	13.14	-4304.56	1.04	-8443.56	-0.00698	PCB 32 NDR		-0.00097	75	xL	1.093	-
	TriCB 258	13.13	-4139	OK	*					69			
22 PCB 34	256	NotFnd	*	*	*	-0.00122			-0.00122	*	no	1.235	-
	TriCB 258	13.74	*	no	*					*			
23 PCB 23	256	NotFnd	*	*	*	-0.00145			-0.00145	*	no	1.033	-
	TriCB 258	13.82	*	no	*					*			
24 PCB 26/29	256	13.97	11730	1.04	23029	0.01694			-0.00123	50	no	1.221	-
	TriCB 258	13.99	11298	yes	*					50			
25 PCB 25	256	14.10	5454	0.95	11216	0.007552			-0.00113	23	no	1.334	-
	TriCB 258	14.10	5763	yes	*					25			
26 PCB 31	256	14.26	57835	1.03	114185	0.076819			-0.00113	246	no	1.335	-
	TriCB 258	14.26	56349	yes	*					245			
27 PCB 28/20	256	14.42	154634	1.03	305164	0.230263			-0.00126	630	no	1.191	-
	TriCB 258	14.43	150530	yes	*					623			
28 PCB 21/33	256	14.55	28482	1.05	55609	0.039798			-0.0012	108	no	1.255	-
	TriCB 258	14.53	27127	yes	*					103			
29 PCB 22	256	14.77	24766	1	49617	0.03955			-0.00133	93	no	1.127	-
	TriCB 258	14.76	24852	yes	*					97			
30 PCB 36	256	NotFnd	*	*	*	-0.00096			-0.00096	*	no	1.57	-
	TriCB 258	15.60	*	no	*					*			
31 PCB 39	256	15.83	1086	1.02	2148	0.001462			-0.00114	4	no	1.32	-
	TriCB 258	15.83	1062	yes	*					4			
32 PCB 38	256	NotFnd	*	*	*	-0.00104			-0.00104	*	no	1.438	-
	TriCB 258	16.18	*	no	*					*			
33 PCB 35	256	NotFnd	*	*	*	-0.00094			-0.00094	*	no	1.597	-
	TriCB 258	16.45	*	no	*					*			
34 PCB 37	256	16.70	21632	1	43198	0.028367			-0.00166	77	no	0.906	-
	TriCB 258	16.70	21566	yes	*					80			
35 PCB 54	290	NotFnd	*	*	*	-0.00089			-0.00089	*	no	0.911	-
	TCB 292	13.08	*	no	*					*			
36 PCB 53/50	290	14.12	8382	0.79	18944	0.025703			-0.00186	57	no	0.654	-
	TCB 292	14.11	10562	yes	*					54			
37 PCB 45/51	290	14.48	5062	0.79	11439	0.016046			-0.00192	32	yes	0.633	-
	TCB 292	14.49	6377	yes	*					30			
38 PCB 46	290	14.64	2731	0.75	6347	0.010177			-0.00219	19	yes	0.554	-
	TCB 292	14.64	3616	yes	*					18			
39 PCB 52	290	15.36	62919	0.81	141103	0.150186			-0.00146	397	no	0.834	-
	TCB 292	15.38	78184	yes	*					386			
40 PCB 73	290	NotFnd	*	*	*	-0.00149			-0.00149	*	no	0.813	-
	TCB 292	15.46	*	no	*					*			
41 PCB 43	290	15.52	2810	0.72	6707	0.011529			-0.00235	18	no	0.516	-
	TCB 292	15.52	3897	yes	*					17			
42 PCB 69/49	290	15.65	27034	0.79	61247	0.063877			-0.00143	179	no	0.851	-
	TCB 292	15.64	34213	yes	*					173			

43	PCB 48	290	15.83	15995	0.8	35945	0.047396						
		TCB 292	15.84	19950	yes			-0.0018	103	no	0.673	-	
44	PCB 44/47/65	290	15.96	60198	0.79	136538	0.154778						
		TCB 292	15.98	76340	yes			-0.00155	318	no	0.783	-	
45	PCB 59/62/75	290	16.16	8002	0.82	17745	0.015498						
		TCB 292	16.16	9743	yes			-0.00119	46	no	1.017	-	
46	PCB 42	290	16.28	12062	0.77	27674	0.036047						
		TCB 292	16.29	15612	yes			-0.00178	71	no	0.682	-	
47	PCB 40/41/71	290	16.57	27396	0.8	61777	0.075801						
		TCB 292	16.58	34381	yes			-0.00168	72	no	0.724	-	
48	PCB 64	290	16.72	16476	0.81	36913	0.035549						
		TCB 292	16.71	20437	yes			-0.00132	144	no	0.922	-	
49	PCB 72	290	17.20	855	0.84	1874	0.001276						
		TCB 292	17.19	1019	yes			-0.00111	93	no	0.922	-	
50	PCB 68	290	NotFnd	*	*	*	-0.00118		4	yes	1.304	-	
		TCB 292	17.40	*	no	*		-0.00118	*	no	1.22	-	
51	PCB 57	290	NotFnd	*	*	*	-0.00118		*	no	1.221	-	
		TCB 292	17.68	*	no	*		-0.00118	*	no	1.221	-	
52	PCB 58	290	NotFnd	*	*	*	-0.00139		*	no	1.035	-	
		TCB 292	17.83	*	no	*		-0.00139	*	no	1.035	-	
53	PCB 67	290	17.95	1664	0.72	3979	0.002624						
		TCB 292	17.94	2315	yes			-0.00107	7	yes	1.347	-	
54	PCB 63	290	18.13	1513	0.77	3489	0.002473						
		TCB 292	18.13	1975	yes			-0.00115	7	no	1.253	-	
55	PCB 61/70/74/76	290	18.36	42761	0.79	97046	0.077714						
		TCB 292	18.34	54286	yes			-0.0013	115	no	1.109	-	
56	PCB 66	290	18.57	17489	0.72	41819	0.029906						
		TCB 292	18.58	24329	yes			-0.00116	113	no	1.241	-	
57	PCB 55	290	NotFnd	*	*	*	-0.00144		69	no	0.998	-	
		TCB 292	18.71	*	no	*		-0.00144	*	no	0.998	-	
58	PCB 56	290	19.05	2837	0.78	6459	0.005761						
		TCB 292	19.05	3622	yes			-0.00145	12	no	0.995	-	
59	PCB 60	290	19.21	2037	0.68	5042	0.004532						
		TCB 292	19.22	3005	yes			-0.00146	11	no	0.988	-	
60	PCB 80	290	NotFnd	*	*	*	-0.00118		8	no	1.224	-	
		TCB 292	19.48	*	no	*		-0.00118	9	no	1.224	-	
61	PCB 79	290	NotFnd	*	*	*	-0.00099		*	no	1.462	-	
		TCB 292	20.61	*	no	*		-0.00099	*	no	1.462	-	
62	PCB 78	290	NotFnd	*	*	*	-0.00112		*	no	1.287	-	
		TCB 292	21.06	*	no	*		-0.00112	*	no	1.287	-	
63	PCB 81	290	NotFnd	*	*	*	-0.0014		*	no	1.027	-	
		TCB 292	21.43	*	no	*		-0.0014	*	no	1.027	-	
64	PCB 77	290	NotFnd	*	*	*	-0.00134		*	no	1.077	-	
		TCB 292	21.87	*	no	*		-0.00134	*	no	1.077	-	
65	PCB 104	326	NotFnd	*	*	*	-0.00053		*	no	1.094	-	
		PeCB 328	15.94	*	no	*		-0.00053	*	no	1.094	-	
66	PCB 96	326	16.16	-704	1.55	-1158.19	-0.00113	PCB 96 NDR	*				
		PeCB 328	16.16	-454.194	OK			-0.00067	8	xL	0.874	-	
67	PCB 103	326	17.33	926	1.68	1478	0.0017		9	yes	0.739	-	
		PeCB 328	17.32	552	yes			-0.00116	5	yes	0.739	-	
68	PCB 94	326	NotFnd	*	*	*	-0.00159		5	no	0.54	-	
		PeCB 328	17.47	*	no	*		-0.00159	*	no	0.54	-	
69	PCB 95	326	17.75	30377	1.63	49047	0.061039		157	no	0.683	-	
		PeCB 328	17.77	18670	yes			-0.00126	148	no	0.683	-	
70	PCB 100/93/102/98	326	18.00	3023	1.58	4941	0.006781		10	no	0.619	-	
		PeCB 328	17.93	1919	yes			-0.00139	10	no	0.619	-	
71	PCB 88/91	326	18.34	2459	1.72	3886	0.005282		10	no	0.625	-	
		PeCB 328	18.31	1427	yes			-0.00137	12	no	0.625	-	
72	PCB 84	326	18.50	3251	1.64	5228	0.008317		11	no	0.534	-	
		PeCB 328	18.50	1977	yes			-0.00161	16	no	0.534	-	
73	PCB 89	326	NotFnd	*	*	*	-0.00148		15	no	0.582	-	
		PeCB 328	18.84	*	no	*		-0.00148	*	no	0.582	-	
74	PCB 121	326	NotFnd	*	*	*	-0.00113		*	no	0.761	-	
		PeCB 328	19.08	*	no	*		-0.00113	*	no	0.761	-	
75	PCB 92	326	19.36	7020	1.53	11595	0.016479		*	no	0.598	-	
		PeCB 328	19.35	4575	yes			-0.00144	33	no	0.598	-	
76	PCB 113/90/101	326	19.78	50700	1.66	81207	0.09713		34	no	0.71	-	
		PeCB 328	19.76	30506	yes			-0.00121	245	no	0.71	-	
77	PCB 83/99	326	20.23	24163	1.62	39086	0.053287		233	no	0.623	-	
		PeCB 328	20.22	14923	yes			-0.00138	108	no	0.623	-	
78	PCB 112	326	NotFnd	*	*	*	-0.00105		101	no	0.819	-	
		PeCB 328	20.33	*	no	*		-0.00105	*	no	0.819	-	
79	PCB 109/119/86/97/125/326	326	20.62	15086	1.5	25114	0.029374		*	no	0.726	-	
		PeCB 328	20.62	10028	yes			-0.00118	39	no	0.726	-	
80	PCB 117/116/85	326	21.19	5762	1.64	9265	0.009895		40	no	0.796	-	
		PeCB 328	21.23	3504	yes			-0.00108	23	no	0.796	-	
81	PCB 110/115	326	21.32	33792	1.67	54026	0.061227		24	no	0.75	-	
		PeCB 328	21.32	20233	yes			-0.00114	146	no	0.75	-	
82	PCB 82	326	21.58	1542	1.62	2496	0.003758		135	no	0.564	-	
		PeCB 328	21.59	954	yes			-0.00152	7	no	0.564	-	
83	PCB 111	326	NotFnd	*	*	*	-0.00106		6	no	0.809	-	
		PeCB 328	21.85	*	no	*		-0.00106	*	no	0.809	-	
84	PCB 120	326	NotFnd	*	*	*	-0.0009		*	no	0.951	-	
		PeCB 328	22.24	*	no	*		-0.0009	*	no	0.951	-	
85	PCB 108/124	326	23.20	1508	1.49	2524	0.001911		*	no	1.122	-	
		PeCB 328	23.21	1015	yes			-0.00082	7	no	1.122	-	
86	PCB 107	326	23.40	4926	1.43	8366	0.006195		8	yes	1.147	-	
		PeCB 328	23.39	3439	yes			-0.0008	17	yes	1.147	-	
87	PCB 123	326	23.51	564	1.47	950	-0.00103		19	no	0.894	-	
		PeCB 328	23.51	385	no			-0.00103	*	yes	0.894	-	
88	PCB 106	326	NotFnd	*	*	*	-0.00076		*	no	1.218	-	
		PeCB 328	23.63	*	no	*		-0.00076	*	no	1.218	-	
89	PCB 118	326	23.79	51322	1.57	84021	0.063602		*	no	0.981	-	
		PeCB 328	23.80	32699	yes			-0.00094	194	no	0.981	-	
									189				

90	PCB 122	326	NotFnd	*	*	*	-0.00086					
		PeCB 328	24.08	*	no			-0.00086	*	no	1.079	-
91	PCB 114	326	NotFnd	*	*	*	-0.00091					
		PeCB 328	24.28	*	no			-0.00091	*	no	1.01	-
92	PCB 105	326	24.84	15765	1.46	26542	0.020834					
		PeCB 328	24.85	10777	yes			-0.00095	58	no	0.977	-
93	PCB 127	326	NotFnd	*	*	*	-0.00075					
		PeCB 328	26.20	*	no			-0.00075	*	no	1.23	-
94	PCB 126	326	NotFnd	*	*	*	-0.00095					
		PeCB 328	27.72	*	no			-0.00095	*	no	0.977	-
95	PCB 155	360	NotFnd	*	*	*	-0.00109					
		HxCB 362	19.63	*	no			-0.00109	*	no	0.997	-
96	PCB 152	360	NotFnd	*	*	*	-0.00133					
		HxCB 362	19.78	*	no			-0.00133	*	no	0.813	-
97	PCB 150	360	NotFnd	*	*	*	-0.00167					
		HxCB 362	19.88	*	no			-0.00167	*	no	0.65	-
98	PCB 136	360	20.18	6387	1.25	11486	0.013885					
		HxCB 362	20.17	5100	yes			-0.00142	38	no	0.761	-
99	PCB 145	360	NotFnd	*	*	*	-0.00164					
		HxCB 362	20.41	*	no			-0.00164	*	no	0.662	-
100	PCB 148	360	NotFnd	*	*	*	-0.00196					
		HxCB 362	21.55	*	no			-0.00196	*	no	0.551	-
101	PCB 151/135	360	22.03	19295	1.39	33165	0.058784					
		HxCB 362	22.04	13870	yes			-0.00209	89	no	0.519	-
102	PCB 154	360	22.22	1279	1.34	2232	0.003323					
		HxCB 362	22.21	953	yes			-0.00175	7	no	0.618	-
103	PCB 144	360	22.51	2560	1.27	4568	0.007476					
		HxCB 362	22.51	2009	yes			-0.00193	14	yes	0.562	-
104	PCB 147/149	360	22.79	59982	1.31	105726	0.146885					
		HxCB 362	22.80	45743	yes			-0.0026	209	yes	0.662	-
105	PCB 134/143	360	22.97	1768	1.27	3158	0.004959					
		HxCB 362	23.06	1390	yes			-0.00294	6	no	0.586	-
106	PCB 139/140	360	NotFnd	*	*	*	-0.00253					
		HxCB 362	23.31	*	no			-0.00253	*	no	0.68	-
107	PCB 131	360	NotFnd	*	*	*	-0.00321					
		HxCB 362	23.49	*	no			-0.00321	*	no	0.537	-
108	PCB 142	360	NotFnd	*	*	*	-0.00275					
		HxCB 362	23.65	*	no			-0.00275	*	no	0.626	-
109	PCB 132	360	23.88	8647	1.33	15145	0.024869					
		HxCB 362	23.88	6498	yes			-0.00307	27	no	0.561	-
110	PCB 133	360	24.31	1494	1.4	2562	0.003589					
		HxCB 362	24.31	1067	yes			-0.00262	4	no	0.657	-
111	PCB 165	360	NotFnd	*	*	*	-0.00225					
		HxCB 362	24.66	*	no			-0.00225	4	no	0.765	-
112	PCB 146	360	24.88	15436	1.22	28084	0.03667					
		HxCB 362	24.86	12648	yes			-0.00244	46	no	0.705	-
113	PCB 161	360	NotFnd	*	*	*	-0.00178					
		HxCB 362	25.01	*	no			-0.00178	*	no	0.97	-
114	PCB 153/168	360	25.43	134025	1.31	236031	0.25492					
		HxCB 362	25.45	102005	yes			-0.00202	406	no	0.852	-
115	PCB 141	360	25.61	2678	1.23	4860	0.006565					
		HxCB 362	25.60	2182	yes			-0.00253	7	no	0.681	-
116	PCB 130	360	26.00	3338	1.37	5778	0.00862					
		HxCB 362	25.99	2440	yes			-0.00279	10	no	0.617	-
117	PCB 137	360	26.21	796	1.26	1427	-0.00284					
		HxCB 362	26.19	631	no			-0.00284	*	yes	0.607	-
118	PCB 164	360	26.30	2498	1.18	4618	0.004655					
		HxCB 362	26.28	2120	yes			-0.00189	7	yes	0.913	-
119	PCB 138/163/129	360	26.59	96062	1.31	169524	0.221445					
		HxCB 362	26.60	73462	yes			-0.00244	269	no	0.705	-
120	PCB 160	360	NotFnd	*	*	*	-0.0021					
		HxCB 362	26.78	*	no			-0.0021	258	no	0.822	-
121	PCB 158	360	26.96	8881	1.23	16084	0.014738					
		HxCB 362	26.96	7203	yes			-0.00172	25	no	1.004	-
122	PCB 128/166	360	27.80	9771	1.23	17717	0.021071					
		HxCB 362	27.78	7947	yes			-0.00223	25	no	0.774	-
123	PCB 159	360	NotFnd	*	*	*	-0.00098					
		HxCB 362	28.76	*	no			-0.00098	*	no	1.179	-
124	PCB 162	360	NotFnd	*	*	*	-0.00105					
		HxCB 362	29.05	*	no			-0.00105	*	no	1.101	-
125	PCB 167	360	29.53	4568	1.28	8145	0.006207					
		HxCB 362	29.52	3577	yes			-0.00122	17	no	0.946	-
126	PCB 156/157	360	30.68	8904	1.27	15920	0.011806					
		HxCB 362	30.71	7016	yes			-0.00114	29	no	1.017	-
127	PCB 169	360	NotFnd	*	*	*	-0.00121					
		HxCB 362	34.11	*	no			-0.00121	*	no	0.954	-
128	PCB 188	394	NotFnd	*	*	*	-0.00122					
		HxCB 396	24.22	*	no			-0.00122	*	no	1.012	-
129	PCB 179	394	24.52	8347	1.06	16218	0.017567					
		HxCB 396	24.51	7871	yes			-0.00118	44	no	1.047	-
130	PCB 184	394	NotFnd	*	*	*	-0.00129					
		HxCB 396	25.00	*	no			-0.00129	*	no	0.961	-
131	PCB 176	394	25.32	2247	1.03	4420	0.004881					
		HxCB 396	25.31	2173	yes			-0.00121	12	no	1.027	-
132	PCB 186	394	NotFnd	*	*	*	-0.00138					
		HxCB 396	25.75	*	no			-0.00138	*	no	0.899	-
133	PCB 178	394	27.01	3920	1.11	7447	0.011698					
		HxCB 396	27.01	3527	yes			-0.00172	20	no	0.722	-
134	PCB 175	394	NotFnd	*	*	*	-0.00165					
		HxCB 396	27.61	*	no			-0.00165	*	no	0.753	-
135	PCB 187	394	27.87	24715	1.06	47937	0.07519					
		HxCB 396	27.88	23222	yes			-0.00171	124	no	0.723	-
136	PCB 182	394	NotFnd	*	*	*	-0.00166					
		HxCB 396	28.10	*	no			-0.00166	*	no	0.747	-

137 PCB 183	394	28.48	16708	1.08	32161	0.031412	-0.00141	65	yes	1.162	-
	HpCB 396	28.50	15453	yes				67			
138 PCB 185	394	NotFnd	*	*		-0.00193	-0.00193	*	no	0.851	-
	HpCB 396	28.56	*	no				*			
139 PCB 174	394	NotFnd	*	*		-0.00169	-0.00169	*	no	0.97	-
	HpCB 396	28.72	*	no				*			
140 PCB 177	394	29.16	12202	1.08	23548	0.028331	-0.00174	46	no	0.943	-
	HpCB 396	29.14	11345	yes				46			
141 PCB 181	394	NotFnd	*	*		-0.00184	-0.00184	*	no	0.892	-
	HpCB 396	29.56	*	no				*			
142 PCB 171/173	394	29.78	6170	1.05	12026	0.014388	-0.00173	25	no	0.948	-
	HpCB 396	29.78	5856	yes				24			
143 PCB 172	394	NotFnd	*	*		-0.00173	-0.00173	*	no	0.95	-
	HpCB 396	31.42	*	no				*			
144 PCB 192	394	NotFnd	*	*		-0.00151	-0.00151	*	no	1.085	-
	HpCB 396	31.74	*	no				*			
145 PCB 193/180	394	32.13	34863	1.07	67593	0.066898	-0.00119	129	no	1.383	-
	HpCB 396	32.06	32730	yes				129			
146 PCB 191	394	NotFnd	*	*		-0.00121	-0.00121	*	no	1.352	-
	HpCB 396	32.47	*	no				*			
147 PCB 170	394	33.45	5958	1.04	11677	0.014232	-0.00129	21	no	1.271	-
	HpCB 396	33.45	5719	yes				22			
148 PCB 190	394	34.02	4150	1.11	7883	0.006651	-0.00122	15	no	1.345	-
	HpCB 396	34.01	3733	yes				14			
149 PCB 189	394	36.86	1359	1.09	2602	0.001922	-0.00036	14	no	0.944	-
	HpCB 396	36.88	1243	yes				12			
150 PCB 202	428	29.28	-1833.4	0.89	-3893.4	-0.00601	-0.00209	9	xL	0.988	-
	OcCB 430	29.27	-2060	OK				8			
151 PCB 201	428	30.21	1019	0.95	2094	0.002505	-0.00207	4	no	0.997	-
	OcCB 430	30.18	1075	yes				4			
152 PCB 204	428	NotFnd	*	*		-0.00215	-0.00215	*	no	0.962	-
	OcCB 430	30.88	*	no				*			
153 PCB 197	428	NotFnd	*	*		-0.00236	-0.00236	*	no	0.876	-
	OcCB 430	31.12	*	no				*			
154 PCB 200	428	NotFnd	*	*		-0.00205	-0.00205	*	no	1.006	-
	OcCB 430	31.23	*	no				*			
155 PCB 198/199	428	NotFnd	*	*		-0.00316	-0.00316	*	no	0.654	-
	OcCB 430	34.19	*	no				*			
156 PCB 196	428	NotFnd	*	*		-0.00306	-0.00306	*	no	0.674	-
	OcCB 430	34.90	*	no				*			
157 PCB 203	428	35.12	1518	0.96	3097	0.005604	-0.00313	6	no	0.659	-
	OcCB 430	35.10	1579	yes				6			
158 PCB 195	428	NotFnd	*	*		-0.00135	-0.00135	*	no	1.005	-
	OcCB 430	36.57	*	no				*			
159 PCB 194	428	39.20	2354	0.95	4823	0.00527	-0.00124	10	no	1.091	-
	OcCB 430	39.19	2469	yes				9			
160 PCB 205	428	NotFnd	*	*		-0.00124	-0.00124	*	no	1.091	-
	OcCB 430	39.75	*	no				*			
161 PCB 208	462	NotFnd	*	*		-0.0027	-0.0027	*	no	1.023	-
	NoCB 464	36.30	*	no				*			
162 PCB 207	462	NotFnd	*	*		-0.00209	-0.00209	*	no	1.32	-
	NoCB 464	37.32	*	no				*			
163 PCB 206	462	NotFnd	*	*		-0.00269	-0.00269	*	no	1.027	-
	NoCB 464	41.70	*	no				*			
164 PCB 209	498	NotFnd	*	*		-0.00206	-0.00206	*	no	1.04	-
	DCB 500	43.54	*	no				*			
165 PCB 1L	200	8.98	173840	3.48	223776	0.148277	0	2948	no	0.824	75
	202	8.97	49936	yes				429			
166 PCB 3L	200	10.17	164862	3.58	210902	0.135062	0	2806	no	0.852	68
	202	10.16	46041	yes				411			
167 PCB 4L	234	10.28	60043	1.64	96662	0.097236	0	2801	no	0.543	49
	236	10.28	36619	yes				3434			
168 PCB 15L	234	12.93	186622	1.66	299013	0.151924	0	1927	no	1.074	77
	236	12.90	112391	yes				3893			
169 PCB 19L	268	11.68	55173	1.06	107389	0.101375	0.001	389	no	0.578	51
	270	11.65	52217	yes				393			
170 PCB 37L	268	16.68	168907	1.04	331645	0.201882	0.001	466	no	1.987	102
	270	16.68	162738	yes				838			
171 PCB 54L	302	13.06	51957	0.81	115746	0.107891	0	1310	no	1.297	55
	304	13.07	63790	yes				1913			
172 PCB 81L	302	21.41	124040	0.8	278802	0.194	0	1206	no	1.738	98
	304	21.42	154762	yes				2748			
173 PCB 77L	302	21.85	120820	0.8	271811	0.195993	0	1134	no	1.677	99
	304	21.85	150990	yes				2575			
174 PCB 104L	338	15.92	73782	1.62	119426	0.141277	0	4515	no	1.156	72
	340	15.93	45644	yes				3241			
175 PCB 123L	338	23.49	167496	1.6	271933	0.192041	0	2614	no	1.936	97
	340	23.50	104438	yes				2834			
176 PCB 118L	338	23.77	162275	1.57	265426	0.190402	0	2494	no	1.906	97
	340	23.76	103151	yes				2719			
177 PCB 114L	340	24.25	151783	1.6	246482	0.190073	0	2340	no	1.773	96
	340	24.25	94699	yes				2498			
178 PCB 105L	338	24.82	157377	1.58	257278	0.193002	0	2372	no	1.822	98
	340	24.81	99901	yes				2549			
179 PCB 126L	338	27.69	155542	1.63	250872	0.197622	0	2167	no	1.735	100
	340	27.67	95330	yes				2276			
180 PCB 155L	372	19.61	74397	1.25	133980	0.128563	0	8425	no	1.404	65
	374	19.61	59583	yes				3700			
181 PCB 167L	372	29.50	152966	1.27	273572	0.174629	0	1960	no	2.11	89
	374	29.49	120606	yes				2052			
182 PCB 156L/157L	372	30.68	293558	1.28	522900	0.366614	0	3094	no	1.921	93
	374	30.69	229342	yes				3164			
183 PCB 169L	372	34.08	107324	1.33	188039	0.13426	0	1292	no	1.886	68
	374	34.06	80716	yes				1289			

184 PCB 188L	406	24.20	73749	1.1	140960	0.142805	0	4759	no	1.329	72
	408	24.20	67211	yes				3270			
185 PCB 180L	406	32.09	74304	1.06	144119	0.138807	0	2091	no	1.349	70
	408	32.09	69815	yes				2549			
186 PCB 170L	406	33.41	66749	1.1	127312	0.14012	0	1832	no	1.18	71
	408	33.42	60563	yes				2129			
187 PCB 189L	406	36.84	144919	1.05	282847	0.170297	0	3711	no	2.157	86
	408	36.83	137929	yes				2162			
188 PCB 202L	440	29.25	61828	0.93	128510	0.117593	0	2414	no	1.419	60
	442	29.27	66682	yes				3489			
189 PCB 205L	440	39.71	97851	0.94	202365	0.171647	0	2462	no	1.531	87
	442	39.73	104514	yes				1340			
190 PCB 208L	474	36.27	53494	0.78	122391	0.139517	0	1955	no	1.139	71
	476	36.28	68898	yes				2243			
191 PCB 206L	474	41.70	41747	0.84	91611	0.156658	0	1429	no	0.76	79
	476	41.73	49864	yes				1597			
192 PCB 209L	510	43.54	45751	1.2	83835	0.150334	0	2969	no	0.724	76
	512	43.53	38084	yes				4664			
193 PCB 28L	268	14.40	205258	1.02	405689	0.240568	0.001	654	no	2.039	110
PCB Cleanup Standard	270	14.43	200431	yes				1185			
194 PCB 111L	338	21.83	129937	1.63	209671	0.213428	0	7751	no	1.343	98
PCB Cleanup Standard	340	21.84	79734	yes				2015			
195 PCB 178L	406	26.98	54404	1.05	106250	0.19524	0	3278	no	0.733	89
PCB Cleanup Standard	408	26.97	51846	yes				2308			
196 PCB 31L	268	NotFnd	*	*	*		0.001		no	1.934	
PCB Audit Standard	270	14.26	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0		no	0.946	
PCB Audit Standard	340	17.73	*	no							
198 PCB 153L	372	25.41	2518	1.3	4452	0.004894	0	79	no	1.225	2
PCB Audit Standard	374	25.40	1935	yes				91			
199 PCB 9L	234	11.17	1242877	1.63	2006868	10.15679	-	14080	no	-	-
PCB Recovery Standard	236	11.19	763991	yes				28874			
200 PCB 52L	302	15.36	404683	0.81	905884	7.086131	-	6029	no	-	-
PCB Recovery Standard	304	15.36	501201	yes				7912			
201 PCB 101L	338	19.77	497075	1.63	801300	7.203416	-	31478	no	-	-
PCB Recovery Standard	340	19.76	304225	yes				8131			
202 PCB 138L	372	26.57	462859	1.32	813391	7.460174	-	17049	no	-	-
PCB Recovery Standard	374	26.56	350532	yes				16892			
203 PCB 194L	440	39.18	407546	0.94	843404	7.702536	-	10409	no	-	-
PCB Recovery Standard	442	39.17	435858	yes				5621			
Chlorobiphenyls						-0.00063	0	-0.00063			
Dichlorobiphenyls						0.033439	3	-0.00437			
Trichlorobiphenyls						0.500344	13	-0.00211			
Tetrachlorobiphenyls						0.766873	19	-0.00235			
Pentachlorobiphenyls						0.446811	16	-0.00161			
Hexachlorobiphenyls						0.850467	18	-0.00321			
Heptachlorobiphenyls						0.27317	11	-0.00193			
Octachlorobiphenyls						0.013379	3	-0.00316			
Nonachlorobiphenyls						-0.0027	0	-0.0027			
Decachlorobiphenyl						-0.00206	0	-0.00206			
PCB (total)						2.884483					

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time

Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

Method: C:\MassLynx\Default.pro\Methdb\EPA 1668_M2160218D.mdb 19 Feb 2016 12:12:31
Calibration: C:\MassLynx\Default.pro\Curvedb\M2160218D_209.cdb 19 Feb 2016 11:38:57

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

Description: BRP509-01R

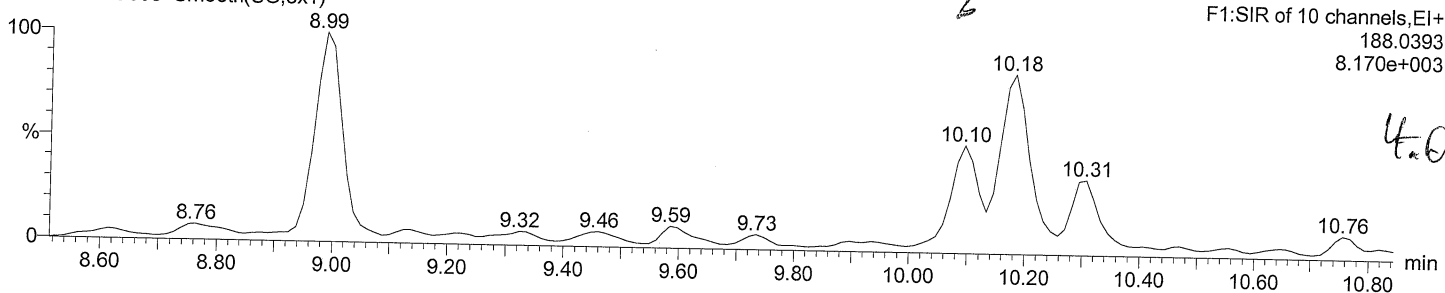
Vial: 8

Date: 18-FEB-2016

Time: 00:18:49

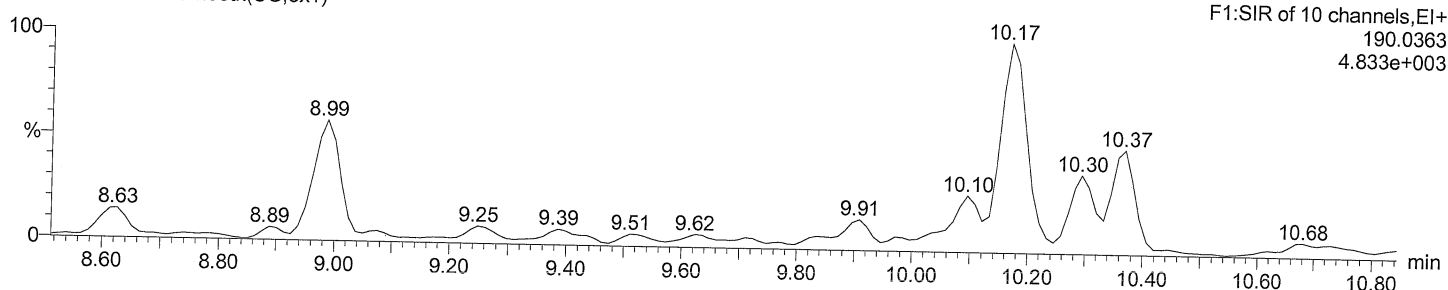
Total MoCB F1

M2160218DS008 Smooth(SG,3x1)



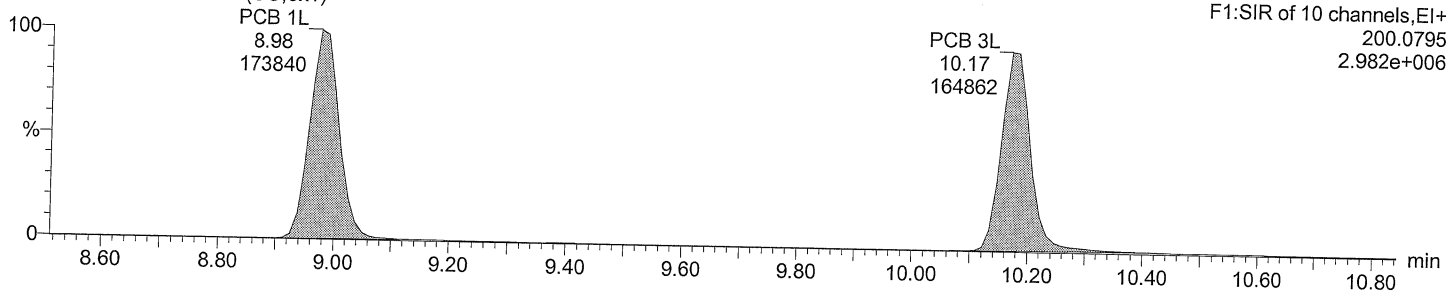
Total MoCB F1

M2160218DS008 Smooth(SG,3x1)



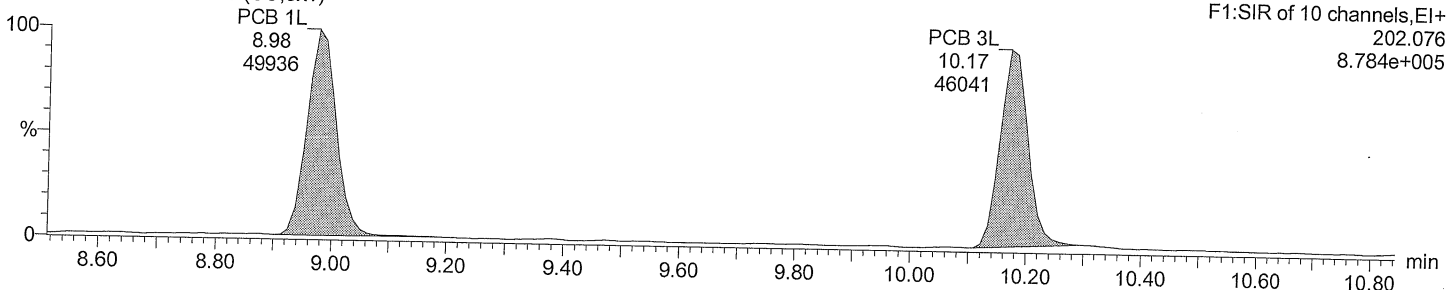
Total MoCB labeled F1

M2160218DS008 Smooth(SG,3x1)



Total MoCB labeled F1

M2160218DS008 Smooth(SG,3x1)



Acquired Date

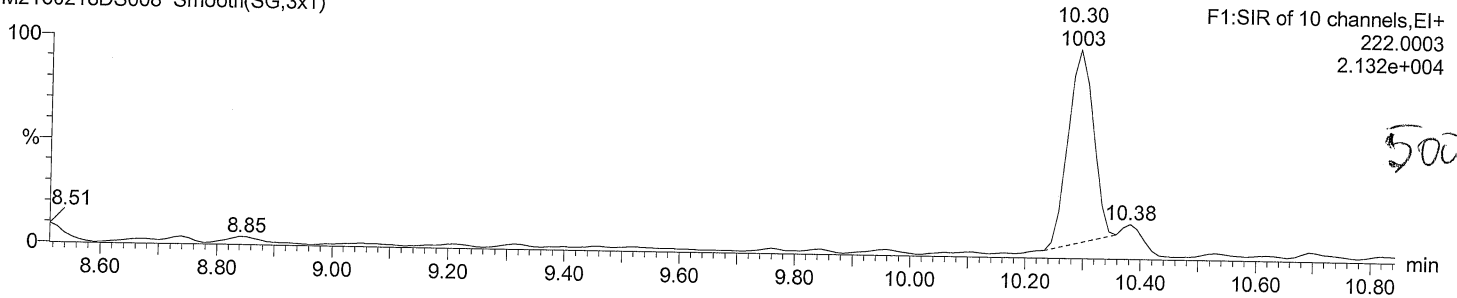
Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time
Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti
Description: BRP509-01R
Vial: 8
Date: 18-FEB-2016
Time: 00:18:49

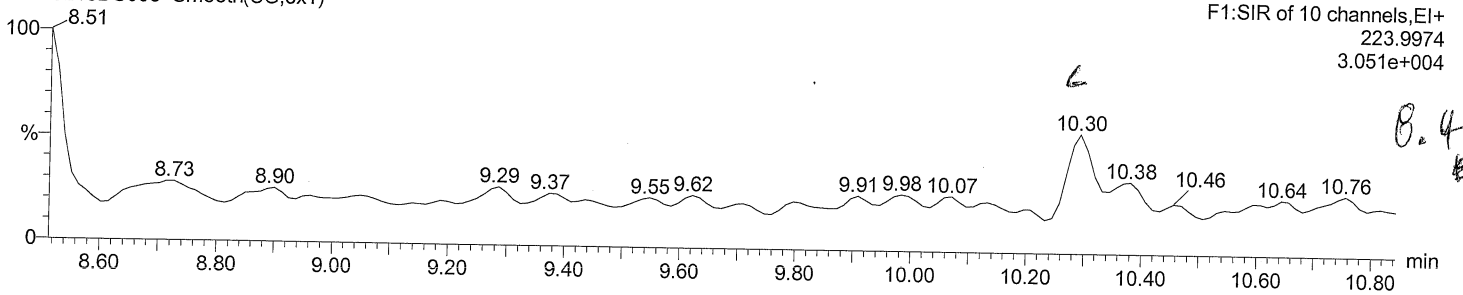
Total DiCB F1

M2160218DS008 Smooth(SG,3x1)



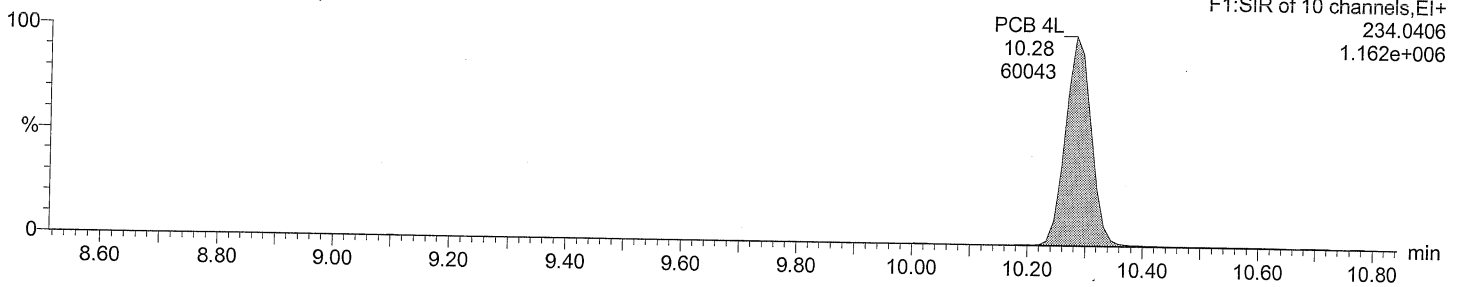
Total DiCB F1

M2160218DS008 Smooth(SG,3x1)



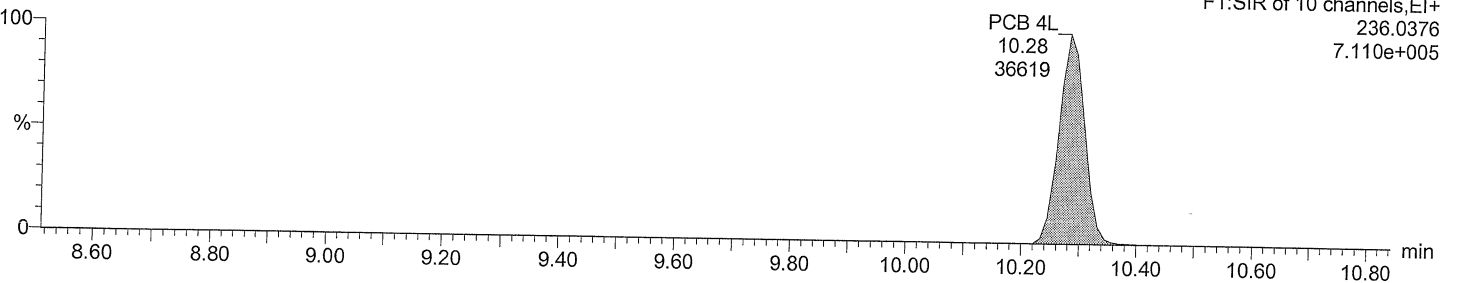
Total DiCB labeled F1

M2160218DS008 Smooth(SG,3x1)



Total DiCB labeled F1

M2160218DS008 Smooth(SG,3x1)



Acquired Date

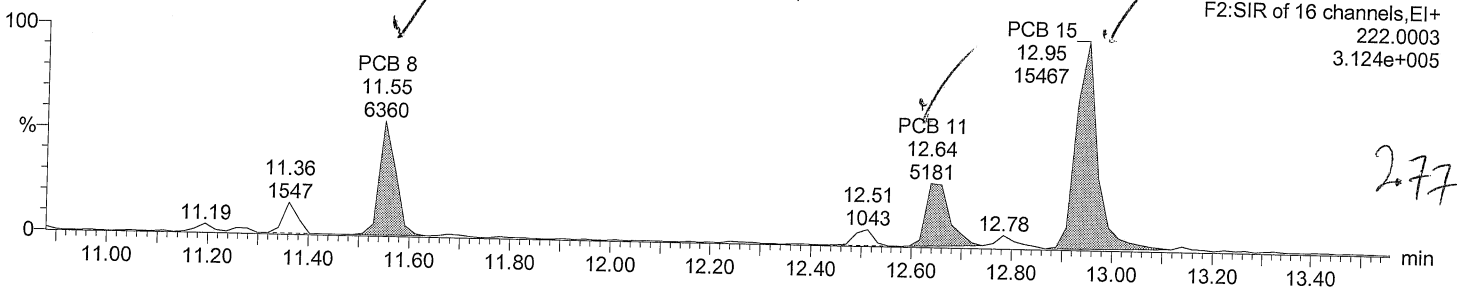
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Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time
Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti
Description: BRP509-01R
Vial: 8
Date: 18-FEB-2016
Time: 00:18:49

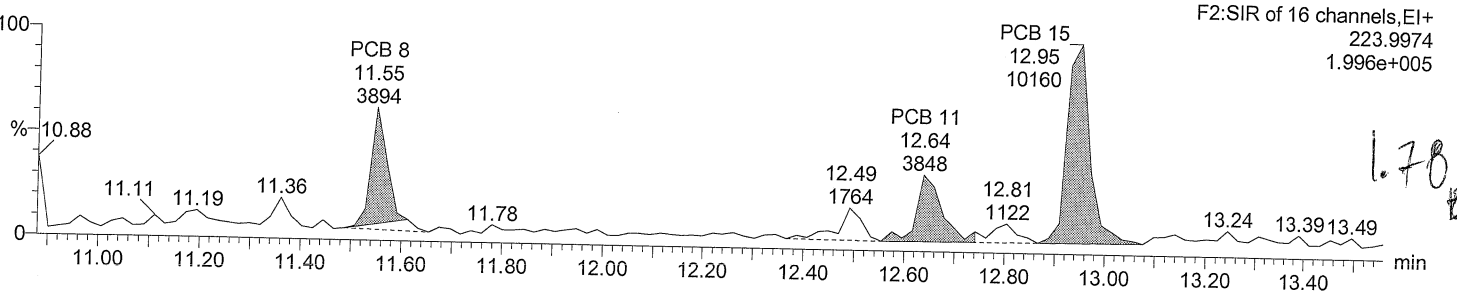
Total DiCB F2

M2160218DS008



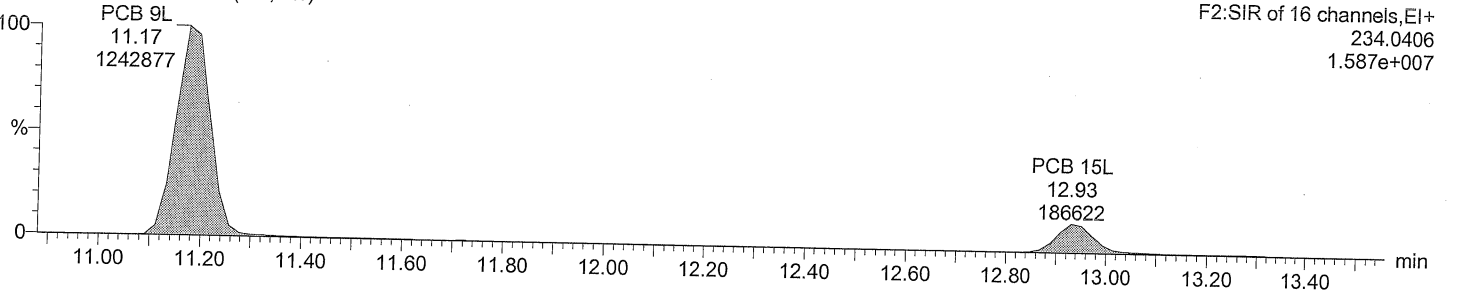
Total DiCB F2

M2160218DS008



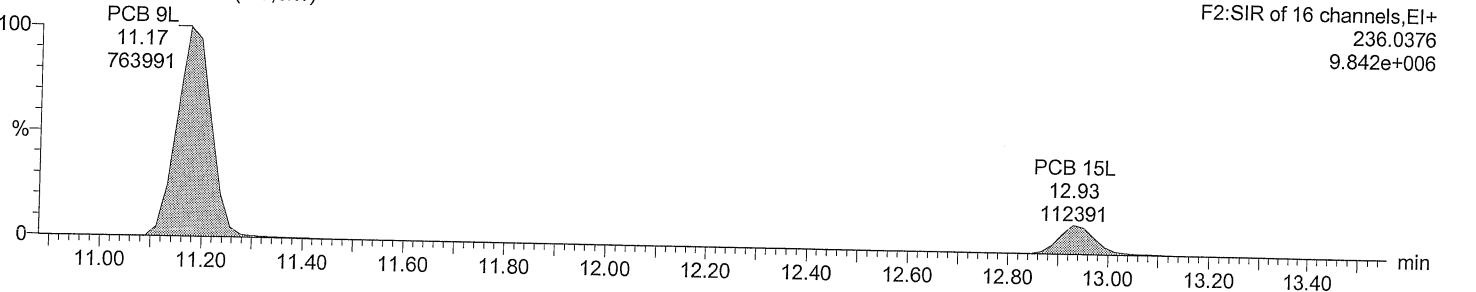
Total DiCB labeled F2

M2160218DS008 Smooth(SG,3x1)



Total DiCB labeled F2

M2160218DS008 Smooth(SG,3x1)

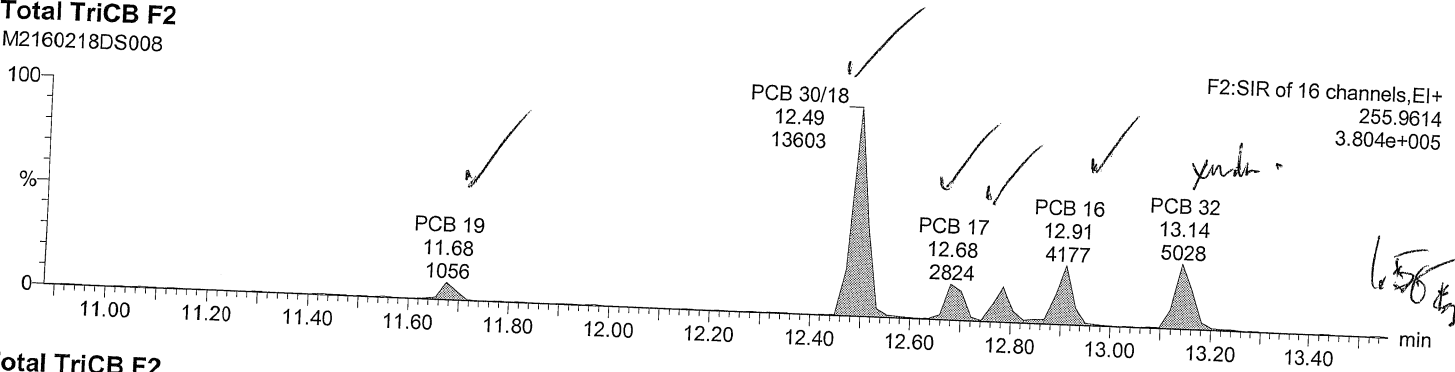


Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

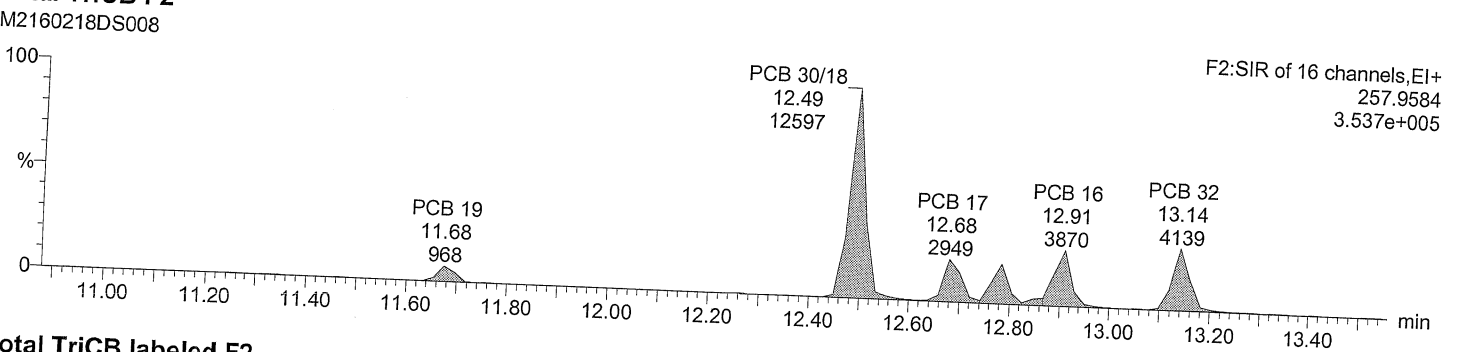
Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time
Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti
Description: BRP509-01R
Vial: 8
Date: 18-FEB-2016
Time: 00:18:49

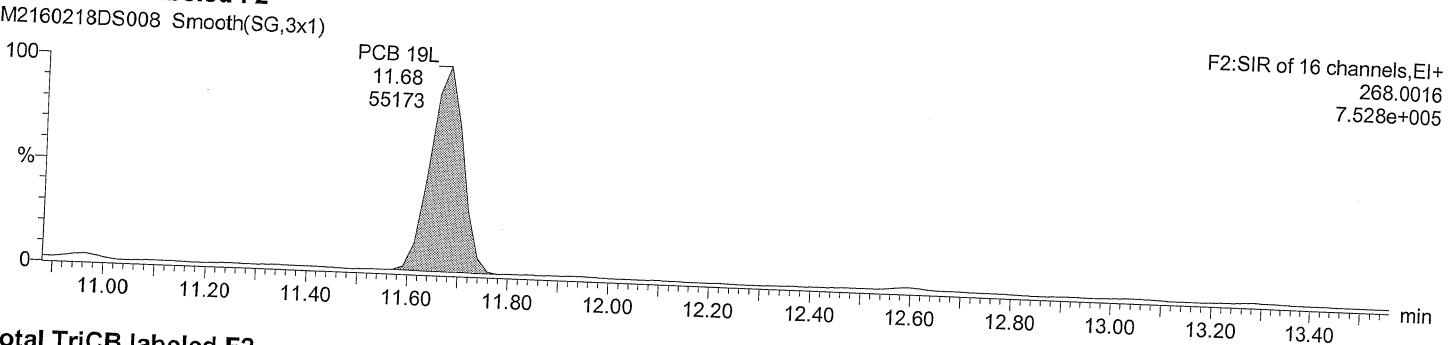
Total TriCB F2
M2160218DS008



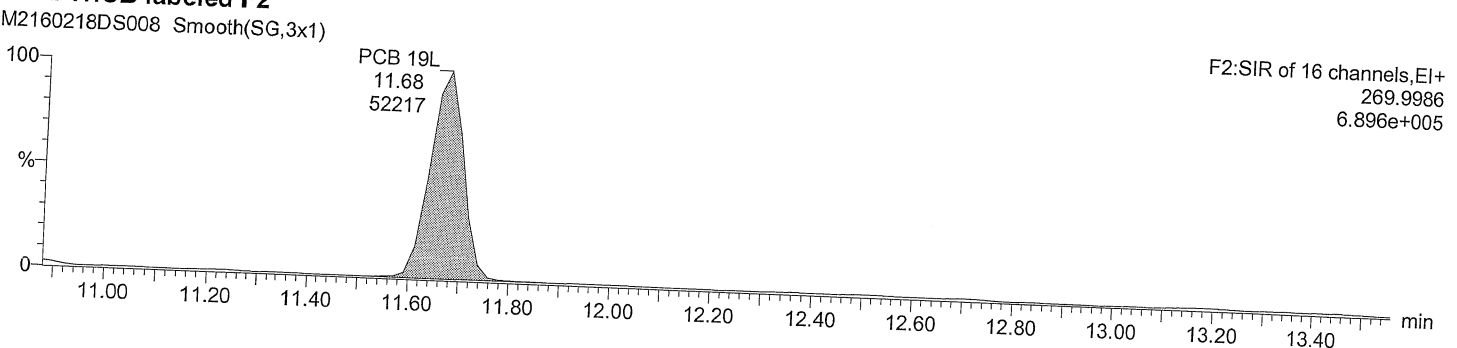
Total TriCB F2
M2160218DS008



Total TriCB labeled F2
M2160218DS008 Smooth(SG,3x1)



Total TriCB labeled F2
M2160218DS008 Smooth(SG,3x1)



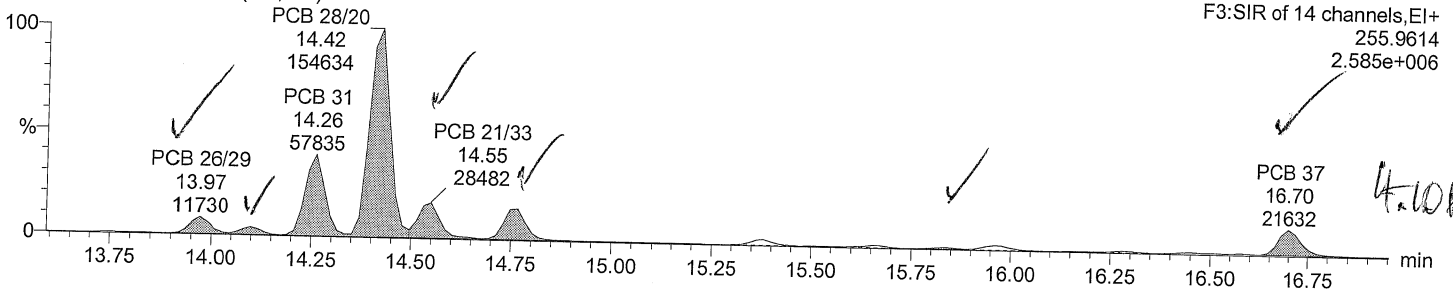
Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time
Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti
Description: BRP509-01R
Vial: 8
Date: 18-FEB-2016
Time: 00:18:49

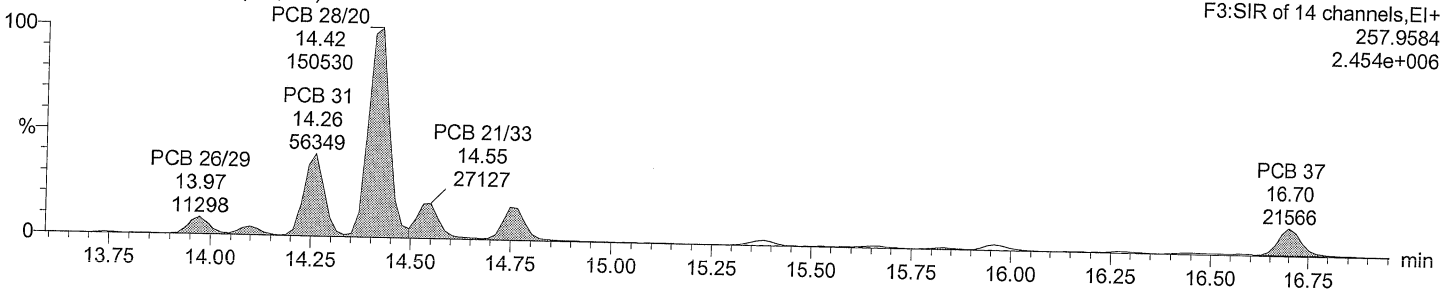
Total TriCB F3

M2160218DS008 Smooth(SG,1x1)



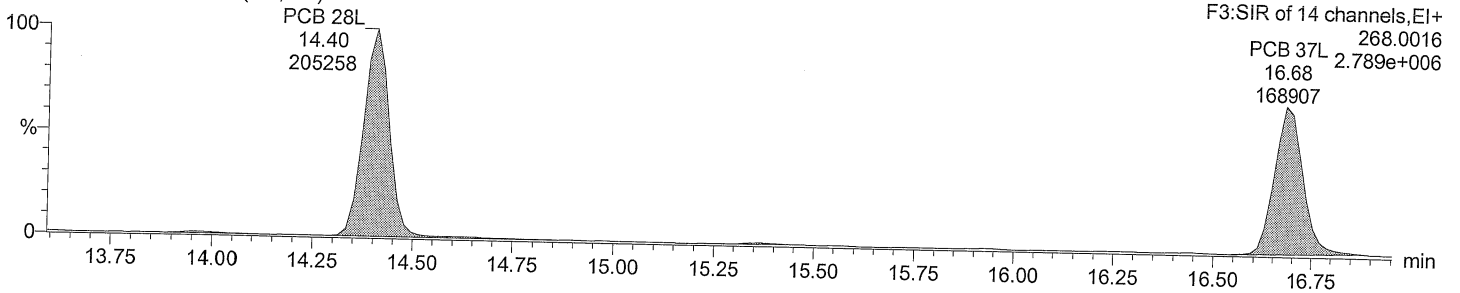
Total TriCB F3

M2160218DS008 Smooth(SG,1x1)



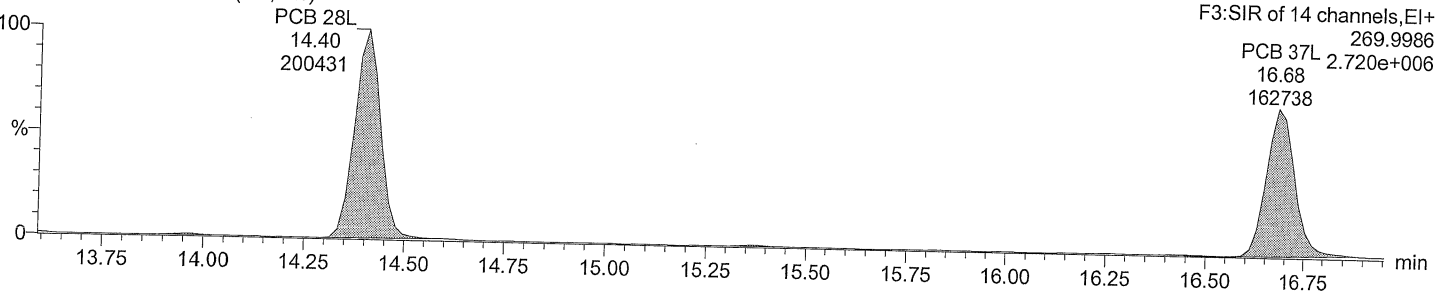
Total TriCB labeled F3

M2160218DS008 Smooth(SG,3x1)



Total TriCB labeled F3

M2160218DS008 Smooth(SG,3x1)



Acquired Date

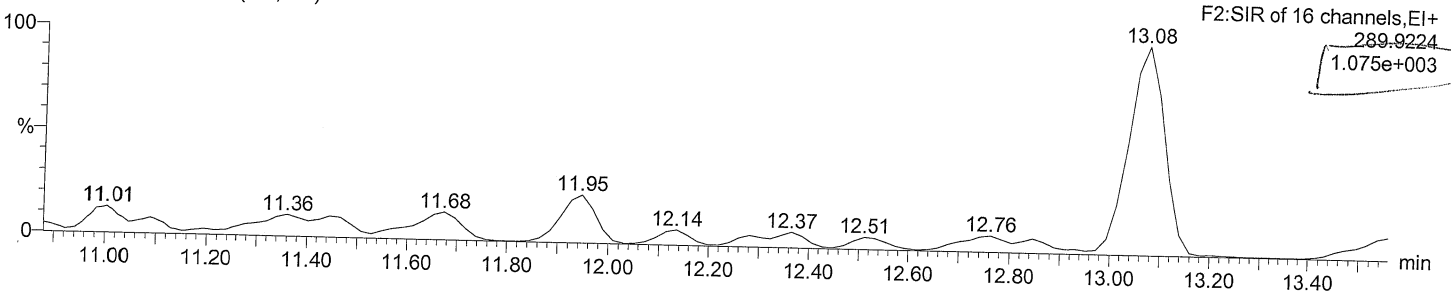
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Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time
Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti
Description: BRP509-01R
Vial: 8
Date: 18-FEB-2016
Time: 00:18:49

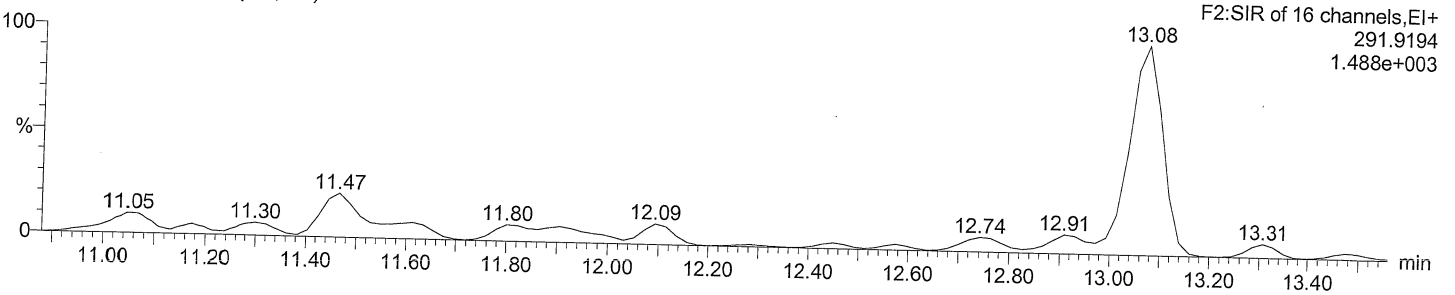
Total TeCB F2

M2160218DS008 Smooth(SG,3x1)



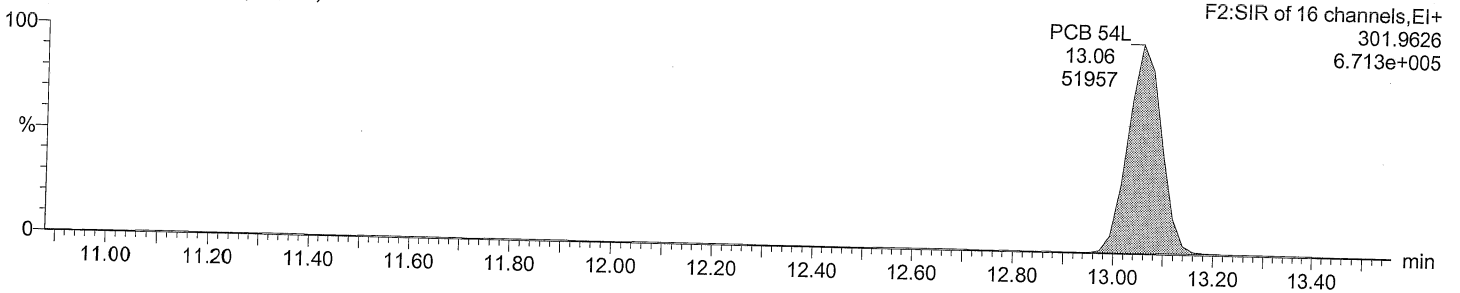
Total TeCB F2

M2160218DS008 Smooth(SG,3x1)



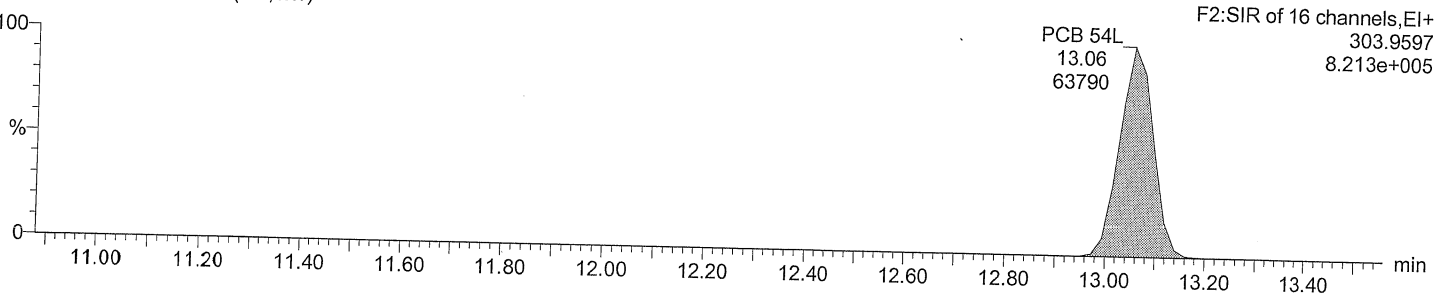
Total TeCB labeled F2

M2160218DS008 Smooth(SG,3x1)



Total TeCB labeled F2

M2160218DS008 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time
Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

Description: BRP509-01R

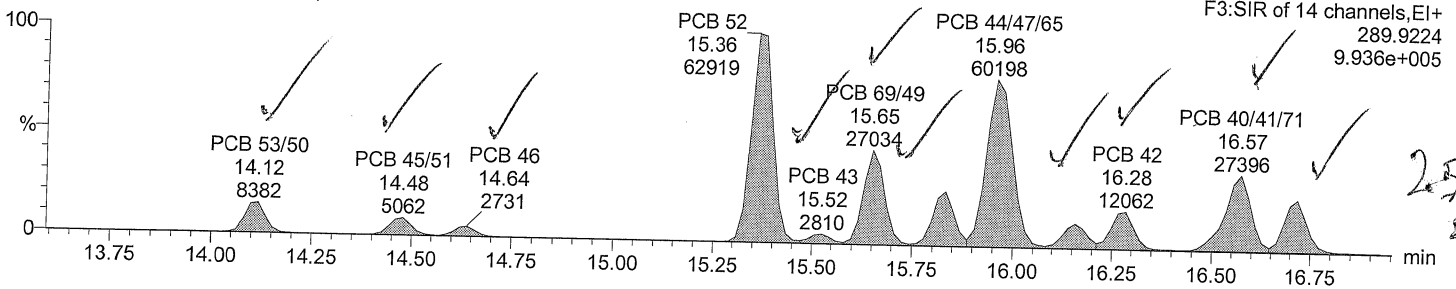
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Time: 00:18:49

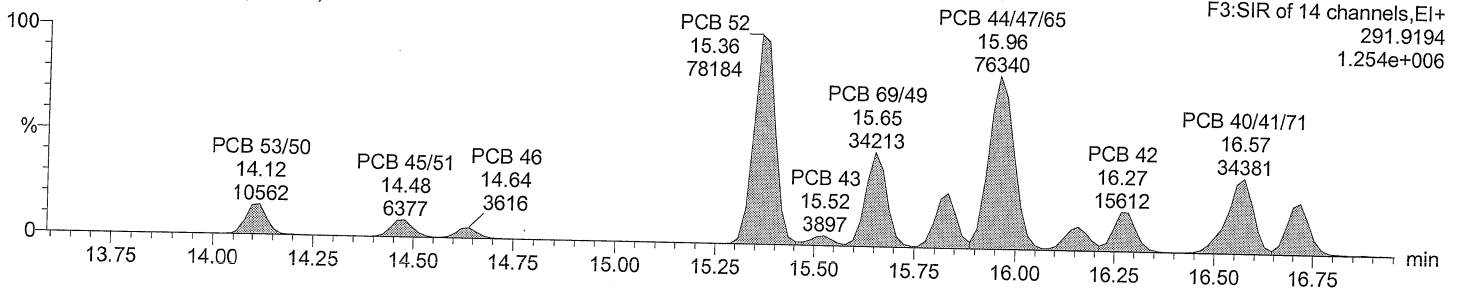
Total TeCB F3

M2160218DS008 Smooth(SG,1x1)



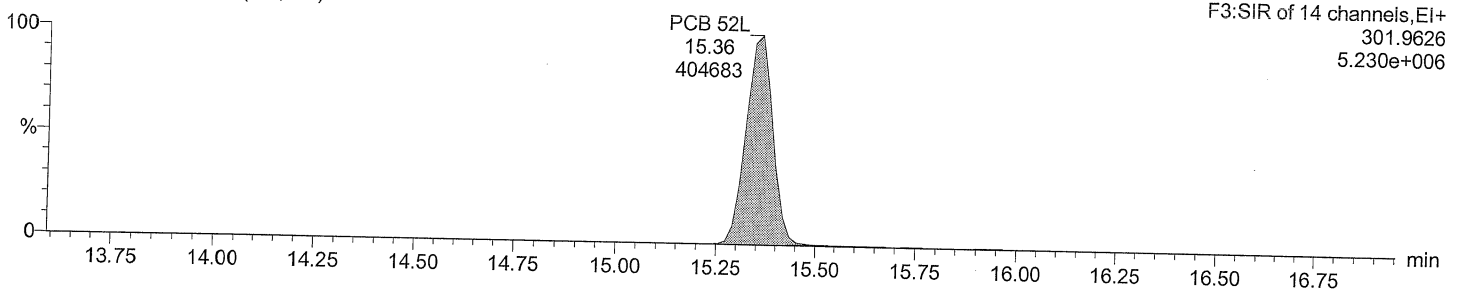
Total TeCB F3

M2160218DS008 Smooth(SG,1x1)



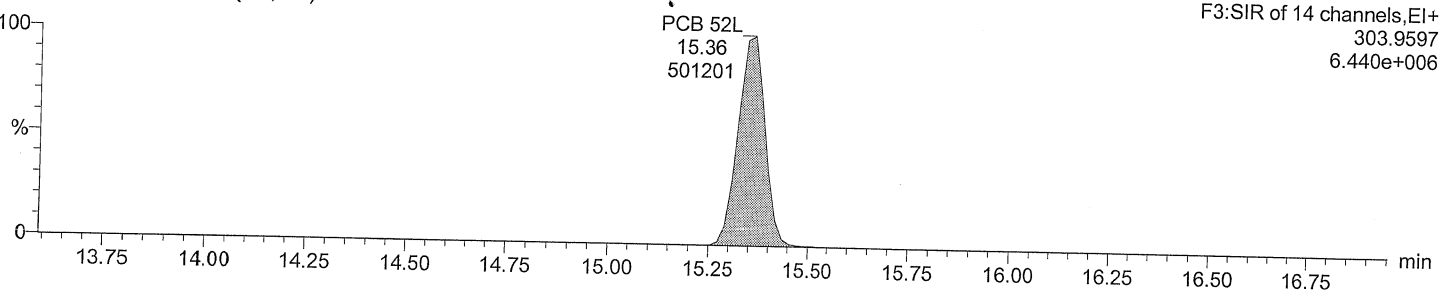
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M2160218DS008 Smooth(SG,3x1)



Total TeCB labeled F3

M2160218DS008 Smooth(SG,3x1)

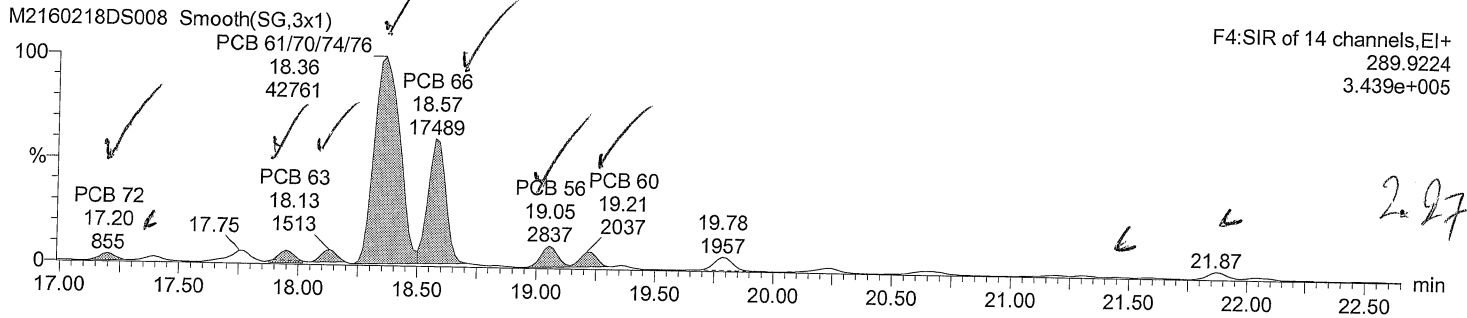


Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

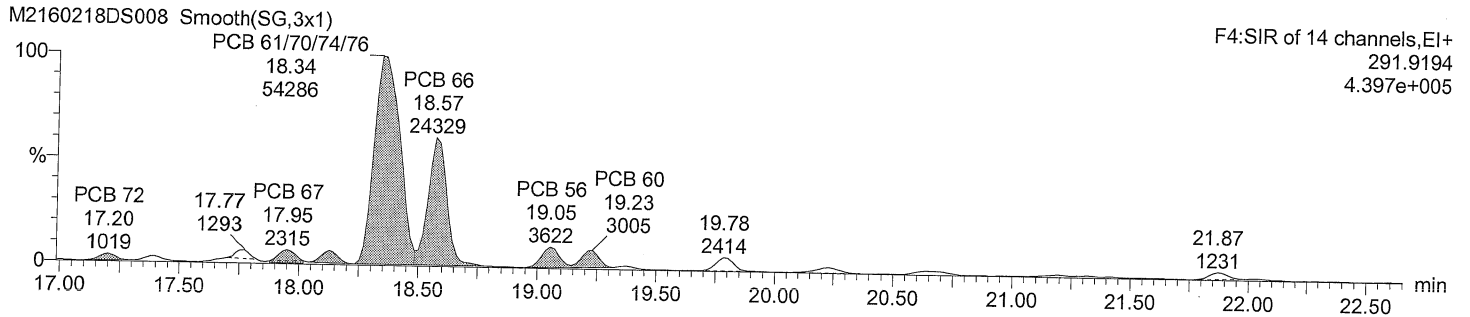
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ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti
Description: BRP509-01R
Vial: 8
Date: 18-FEB-2016
Time: 00:18:49

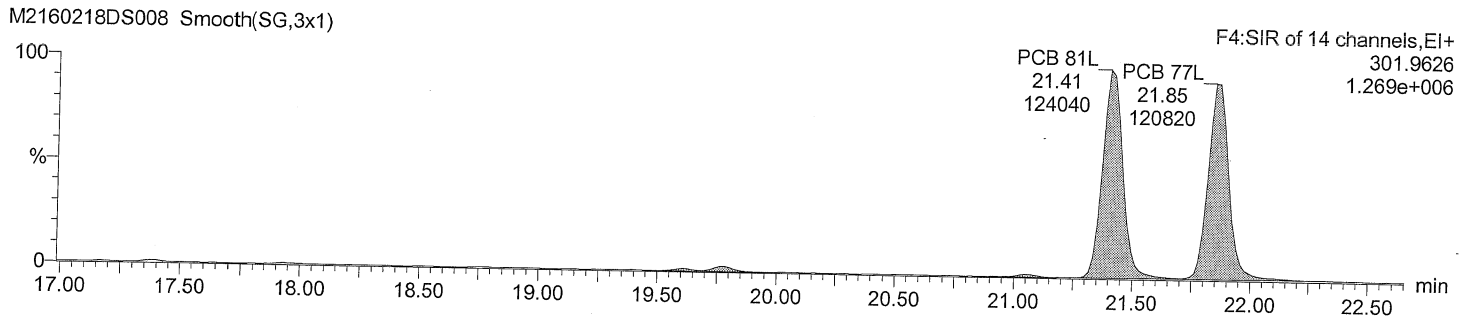
Total TeCB F4



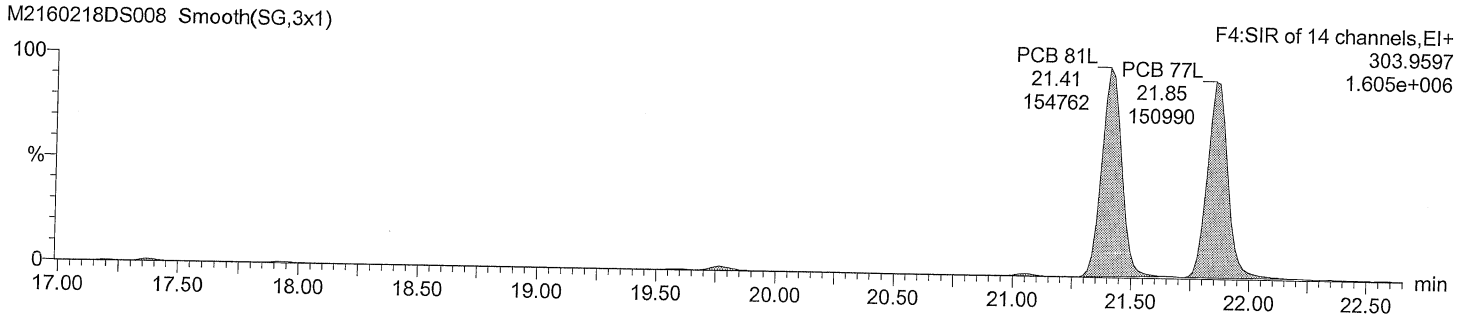
Total TeCB F4



Total TeCB labeled F4



Total TeCB labeled F4



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time
Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

Description: BRP509-01R

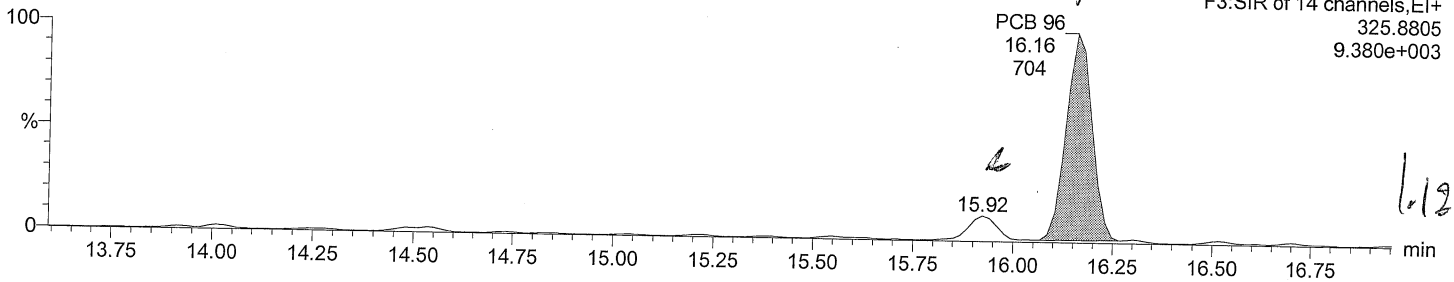
Vial: 8

Date: 18-FEB-2016

Time: 00:18:49

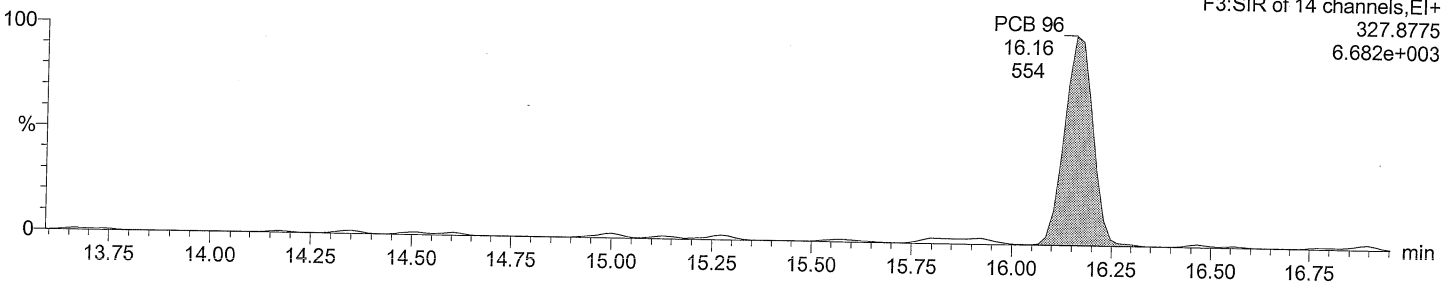
Total PeCB F3

M2160218DS008 Smooth(SG,3x1)



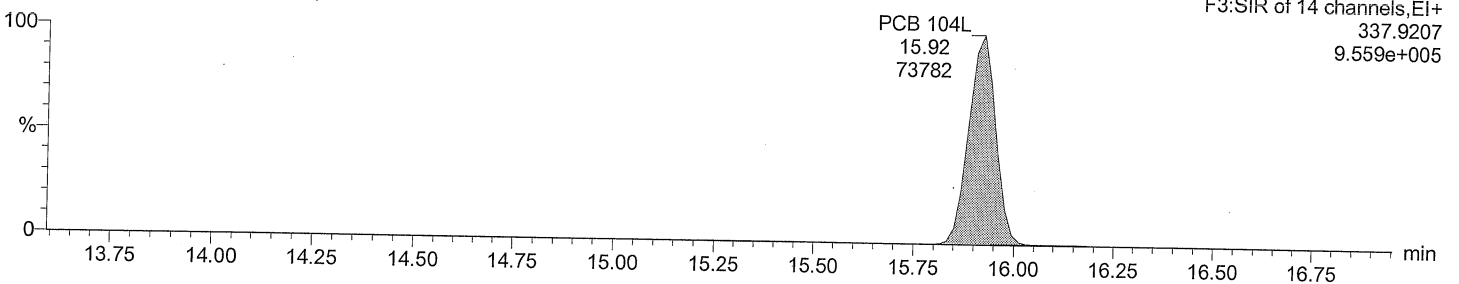
Total PeCB F3

M2160218DS008 Smooth(SG,3x1)



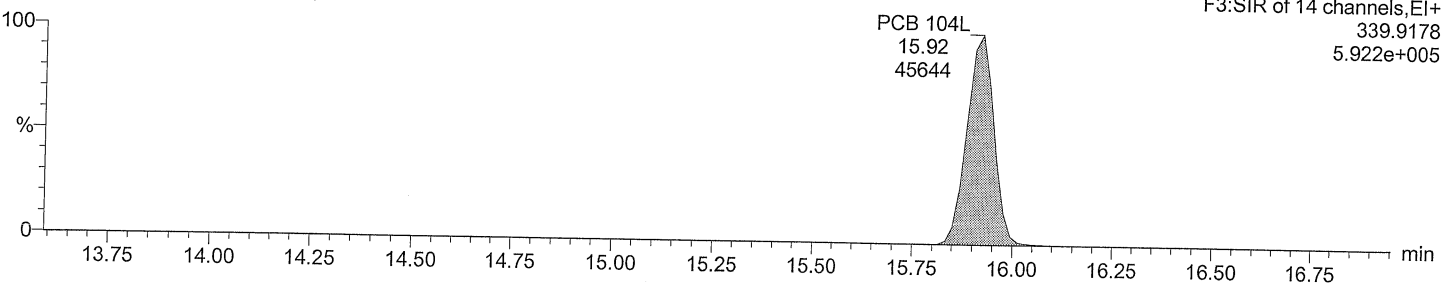
Total PeCB labeled F3

M2160218DS008 Smooth(SG,3x1)



Total PeCB labeled F3

M2160218DS008 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time
Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

Description: BRP509-01R

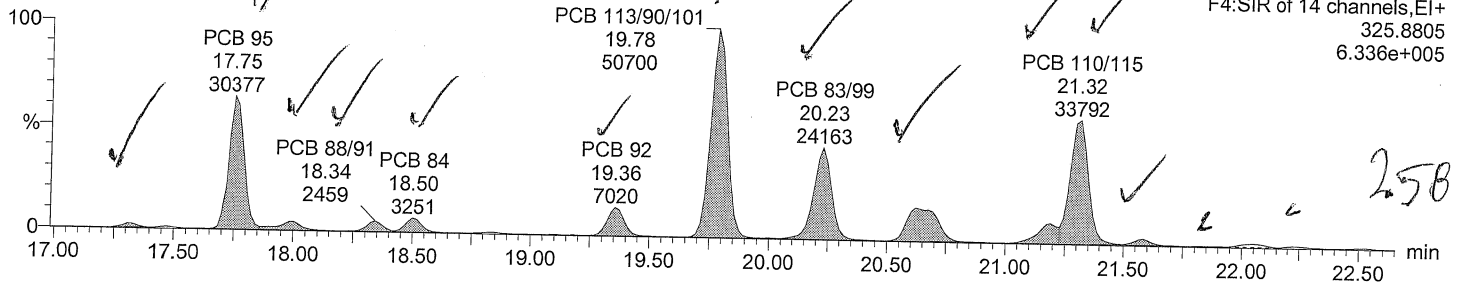
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Date: 18-FEB-2016

Time: 00:18:49

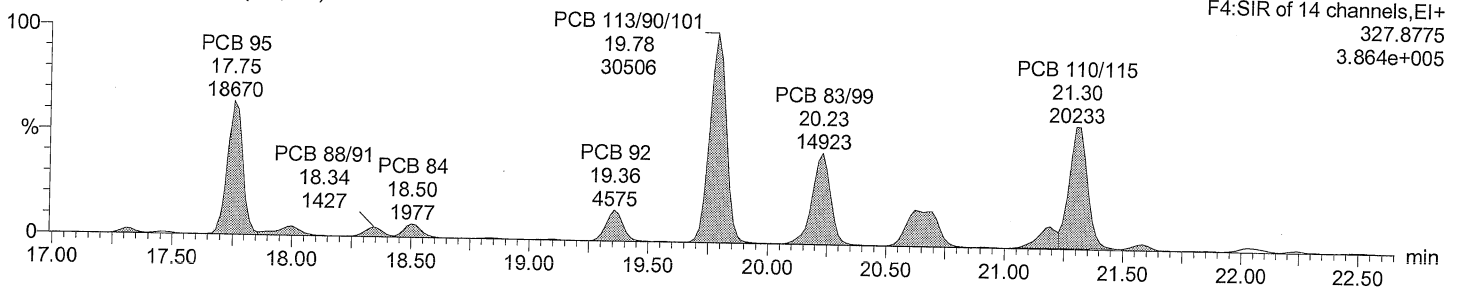
Total PeCB F4

M2160218DS008 Smooth(SG,2x1)



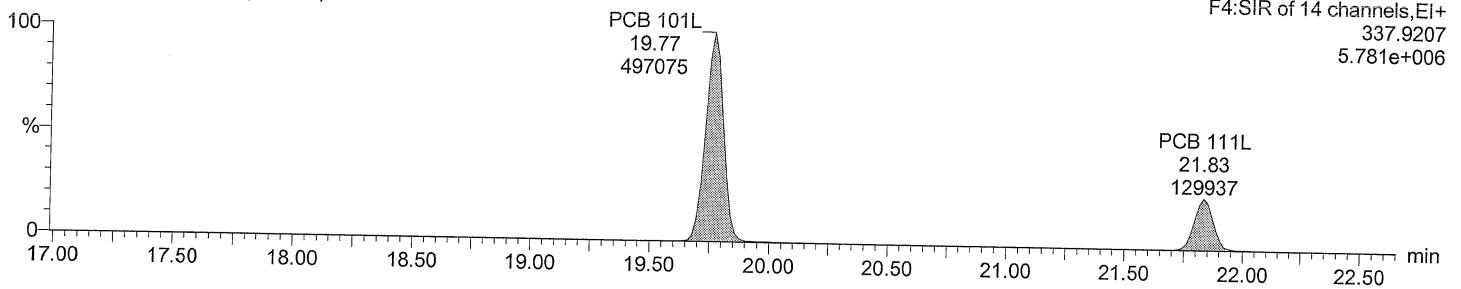
Total PeCB F4

M2160218DS008 Smooth(SG,2x1)



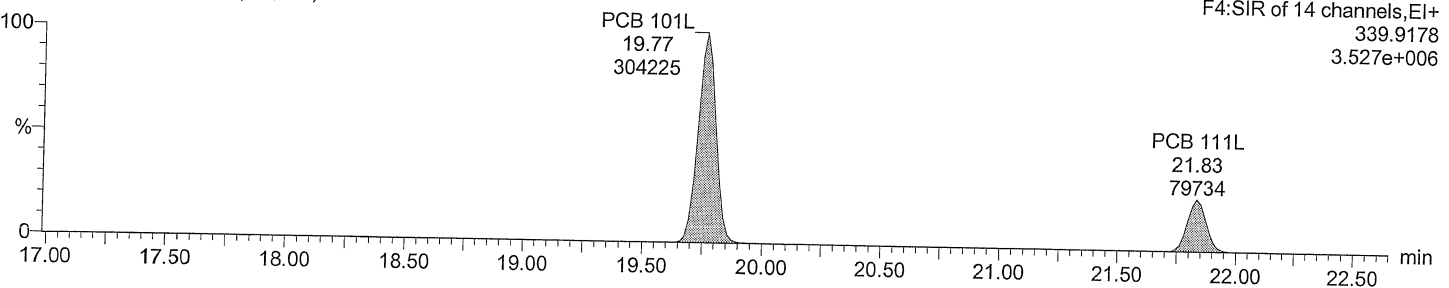
Total PeCB labeled F4

M2160218DS008 Smooth(SG,3x1)



Total PeCB labeled F4

M2160218DS008 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time

Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

Description: BRP509-01R

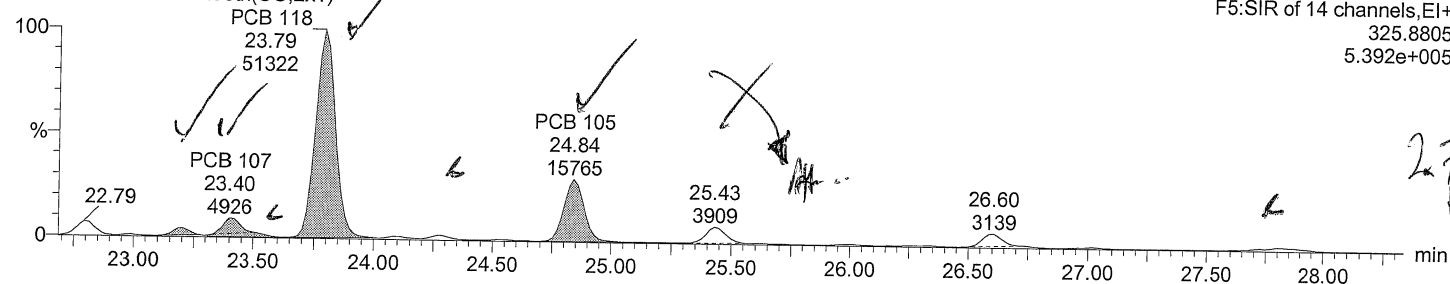
Vial: 8

Date: 18-FEB-2016

Time: 00:18:49

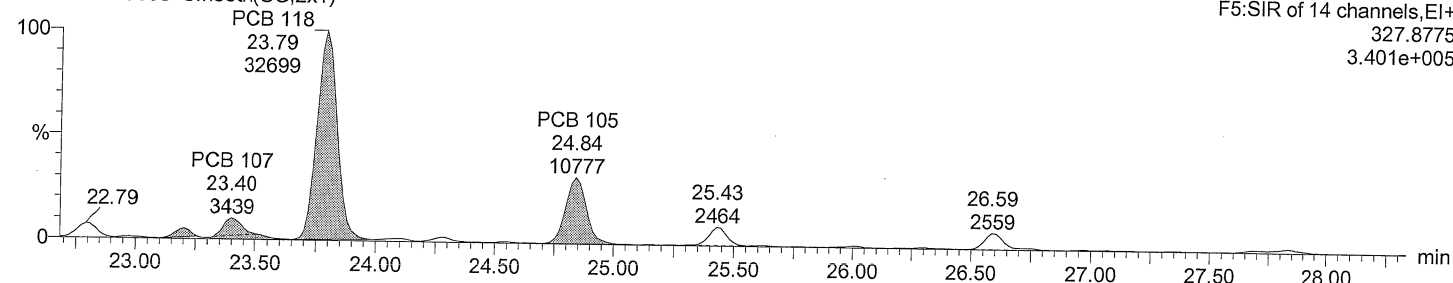
Total PeCB F5

M2160218DS008 Smooth(SG,2x1)



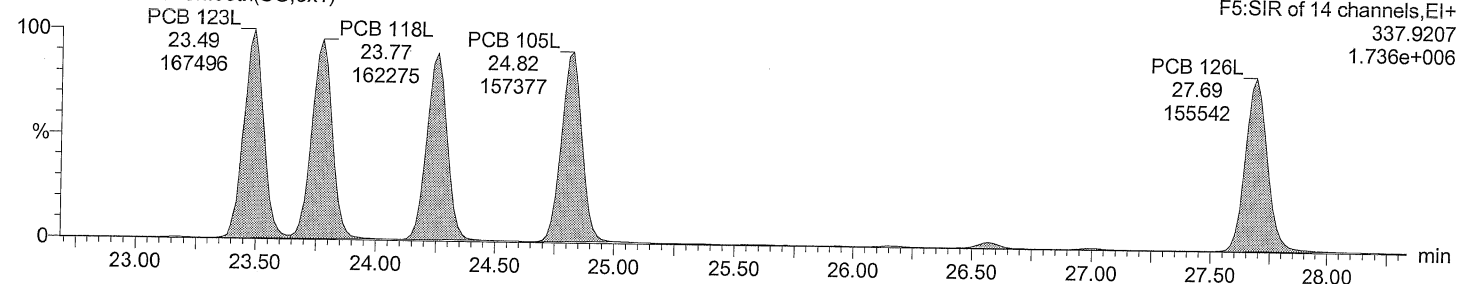
Total PeCB F5

M2160218DS008 Smooth(SG,2x1)



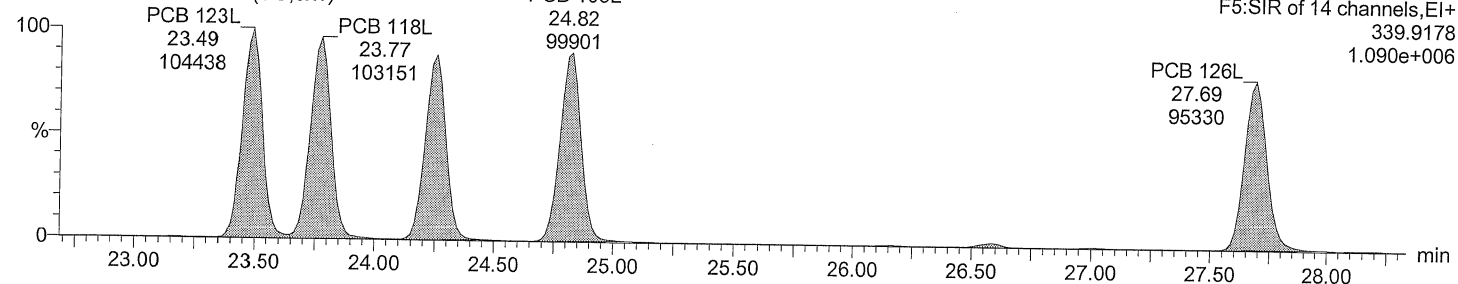
Total PeCB labeled F5

M2160218DS008 Smooth(SG,3x1)



Total PeCB labeled F5

M2160218DS008 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time

Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

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Description: BRP509-01R

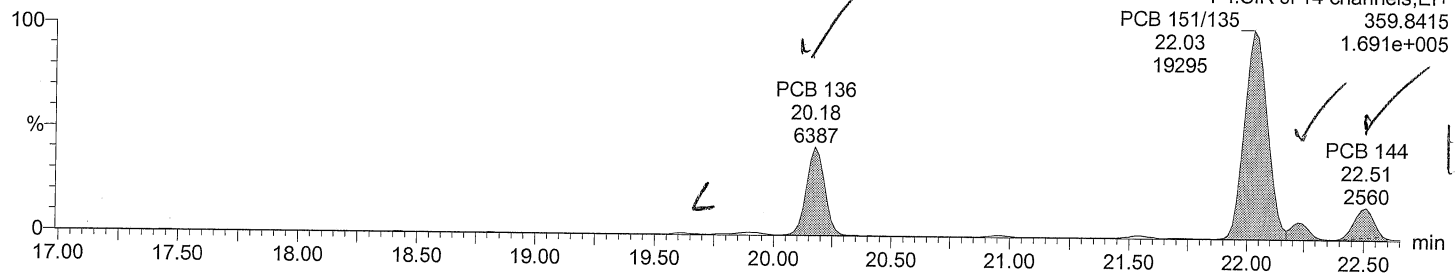
Vial: 8

Date: 18-FEB-2016

Time: 00:18:49

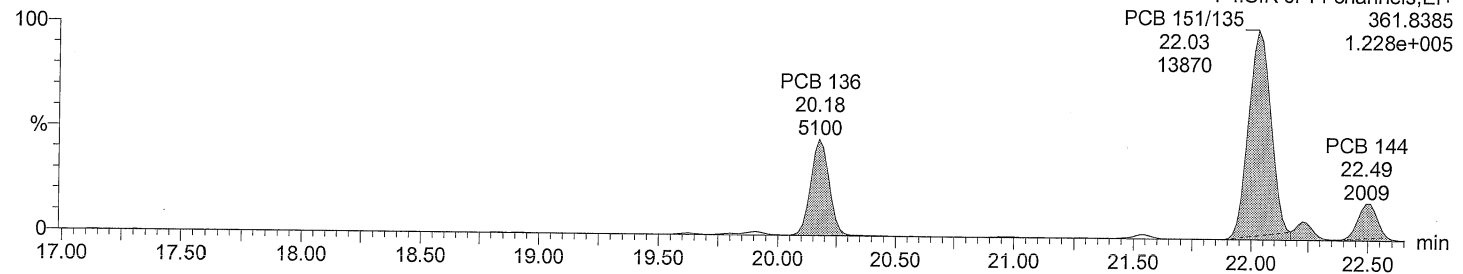
Total HxCB F4

M2160218DS008 Smooth(SG,3x1)



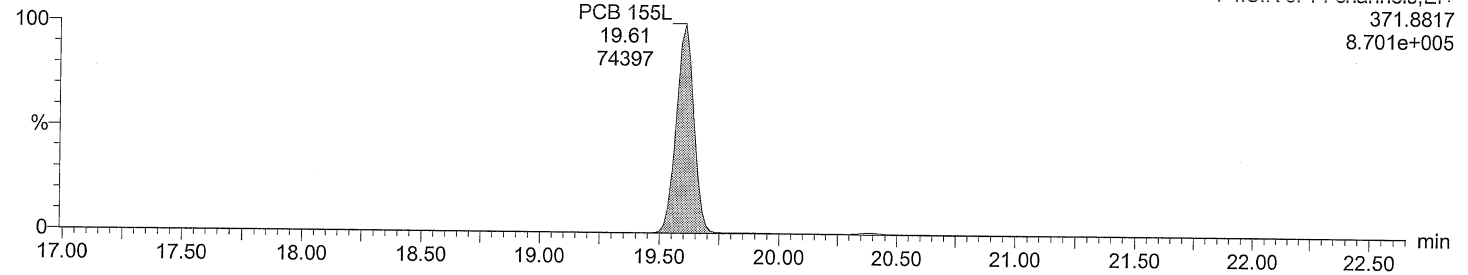
Total HxCB F4

M2160218DS008 Smooth(SG,3x1)



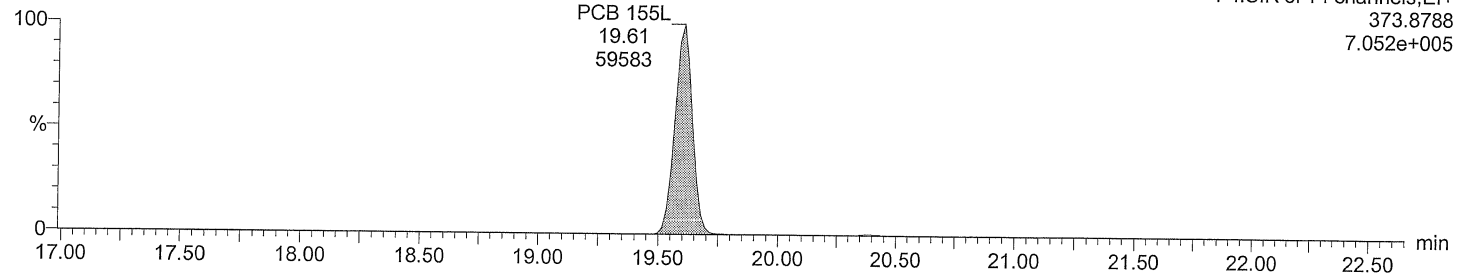
Total HxCB labeled F4

M2160218DS008 Smooth(SG,3x1)



Total HxCB labeled F4

M2160218DS008 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time

Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

Description: BRP509-01R

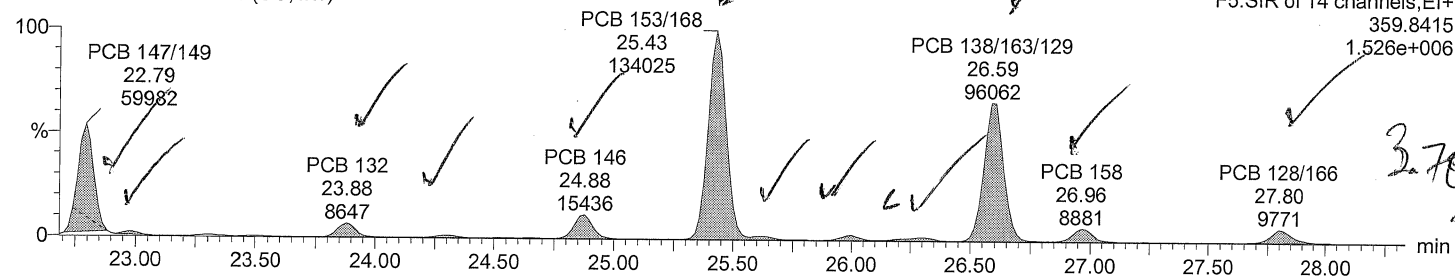
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Date: 18-FEB-2016

Time: 00:18:49

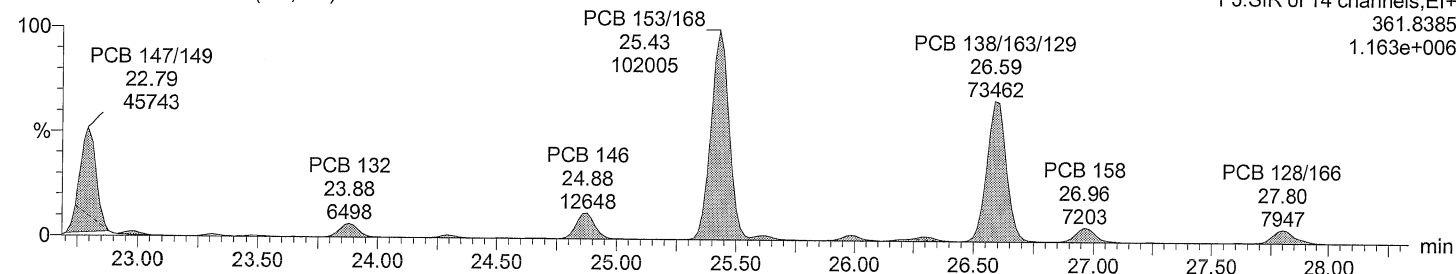
Total HxCB F5

M2160218DS008 Smooth(SG,1x1)



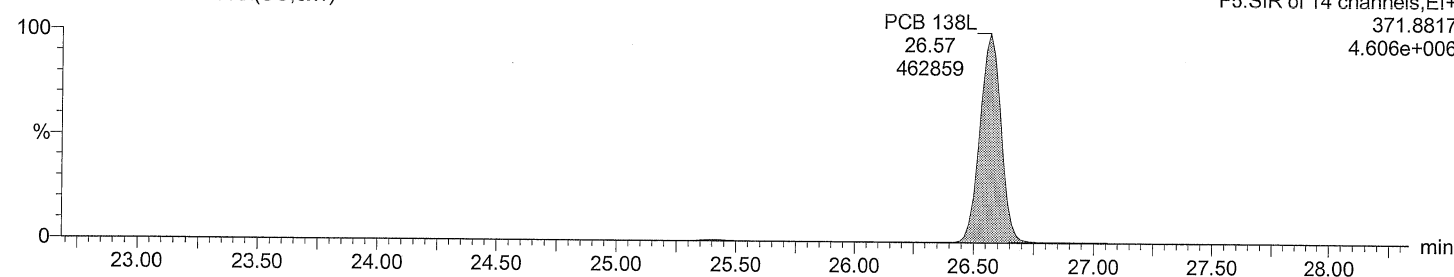
Total HxCB F5

M2160218DS008 Smooth(SG,1x1)



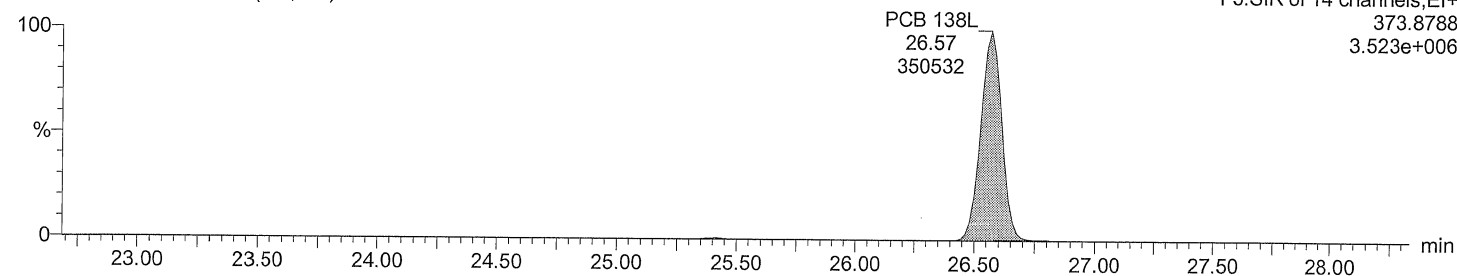
Total HxCB labeled F5

M2160218DS008 Smooth(SG,3x1)



Total HxCB labeled F5

M2160218DS008 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time

Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

Description: BRP509-01R

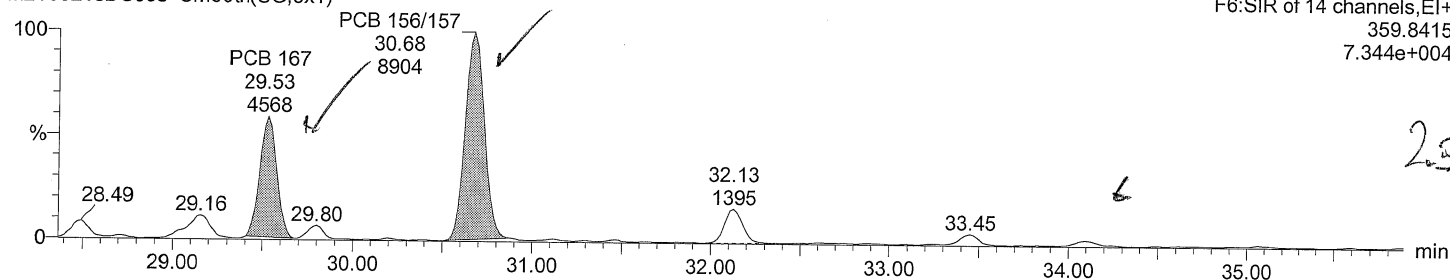
Vial: 8

Date: 18-FEB-2016

Time: 00:18:49

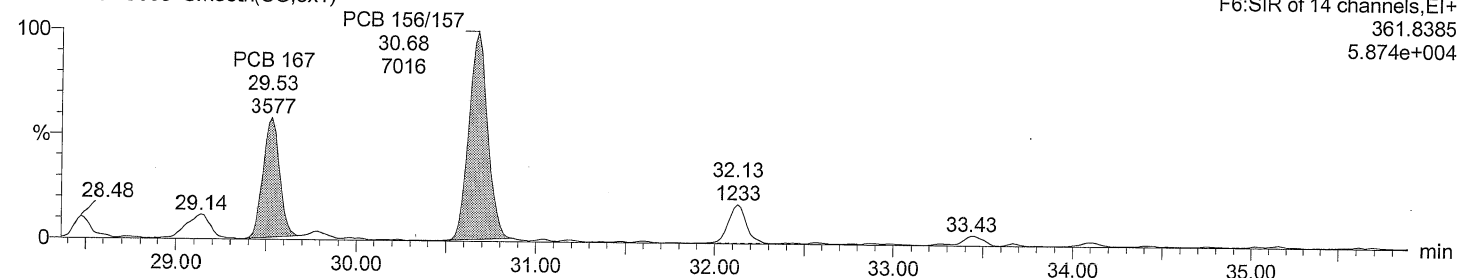
Total HxCB F6

M2160218DS008 Smooth(SG,3x1)



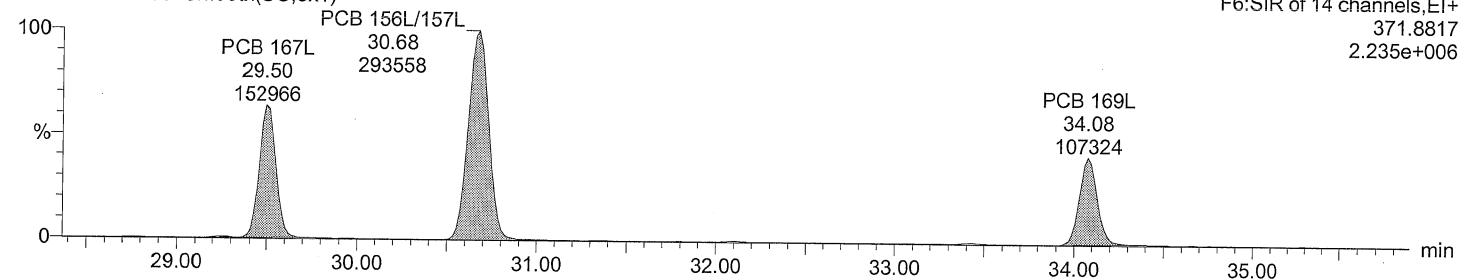
Total HxCB F6

M2160218DS008 Smooth(SG,3x1)



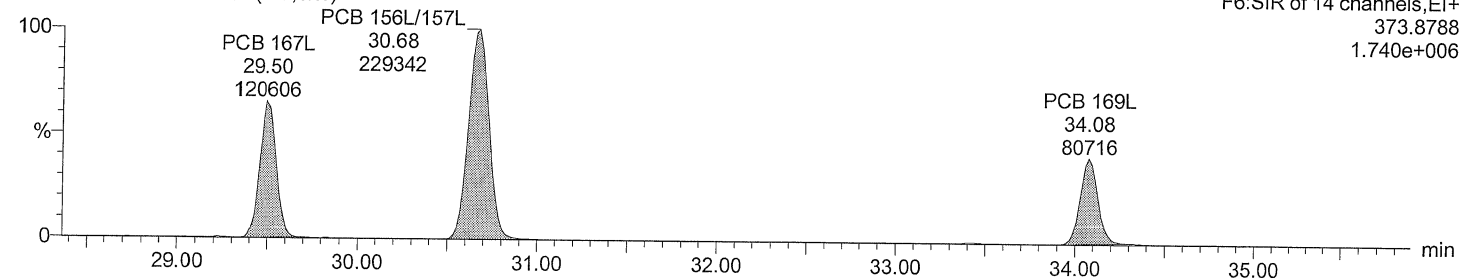
Total HxCB labeled F6

M2160218DS008 Smooth(SG,3x1)



Total HxCB labeled F6

M2160218DS008 Smooth(SG,3x1)



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time

Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

Description: BRP509-01R

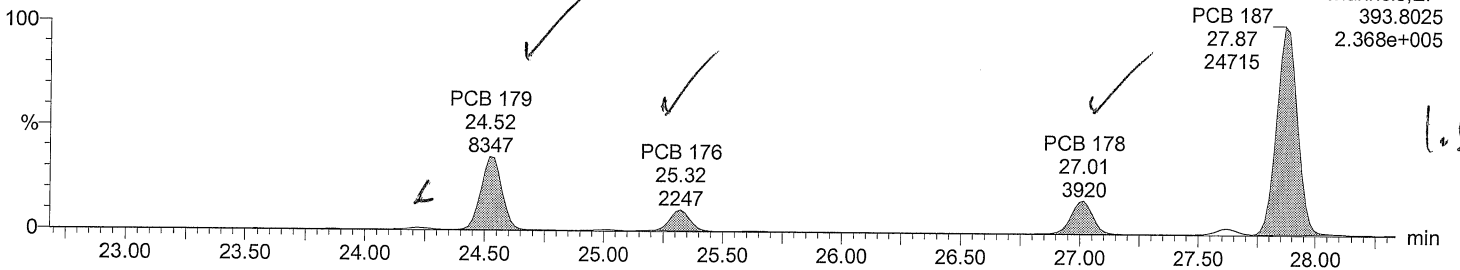
Vial: 8

Date: 18-FEB-2016

Time: 00:18:49

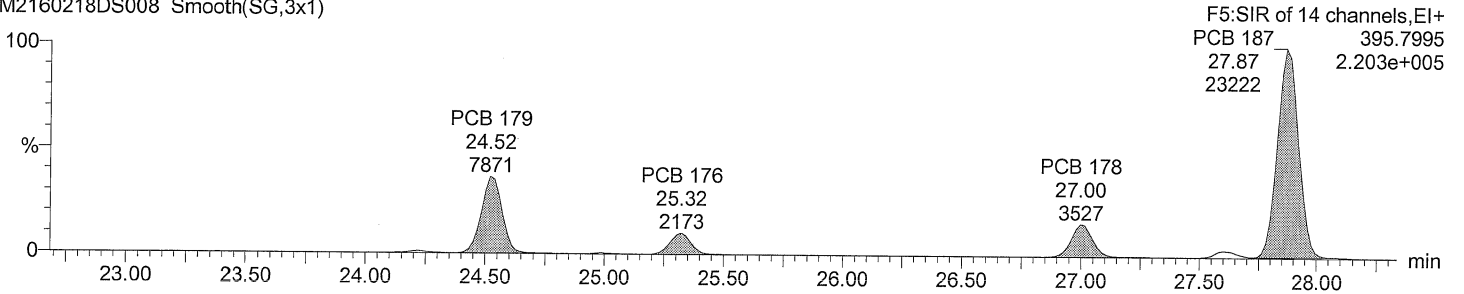
Total HpCB F5

M2160218DS008 Smooth(SG,3x1)



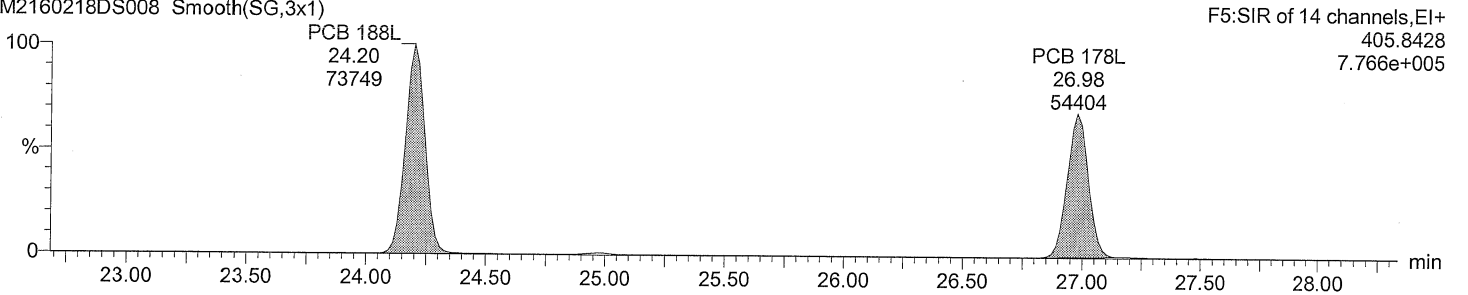
Total HpCB F5

M2160218DS008 Smooth(SG,3x1)



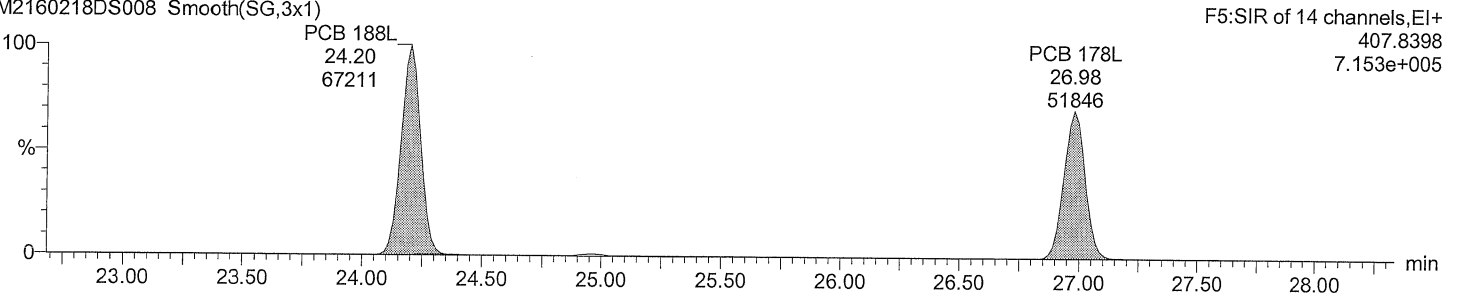
Total HpCB labeled F5

M2160218DS008 Smooth(SG,3x1)



Total HpCB labeled F5

M2160218DS008 Smooth(SG,3x1)



Quantify Sample Report MassLynx 4.0 SP1

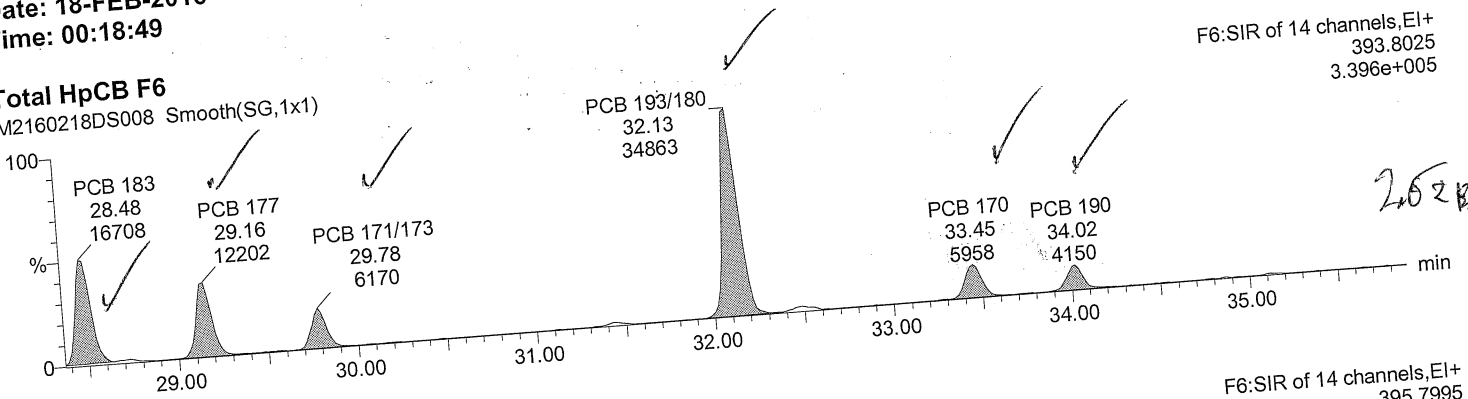
Acquired Date
Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time
Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti
Description: BRP509-01R
Vial: 8
Date: 18-FEB-2016
Time: 00:18:49

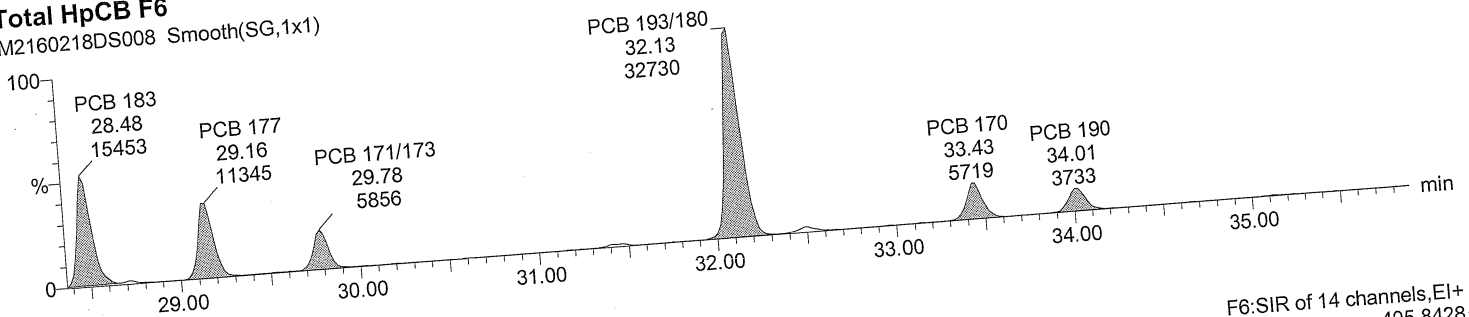
Total HpCB F6

M2160218DS008 Smooth(SG,1x1)



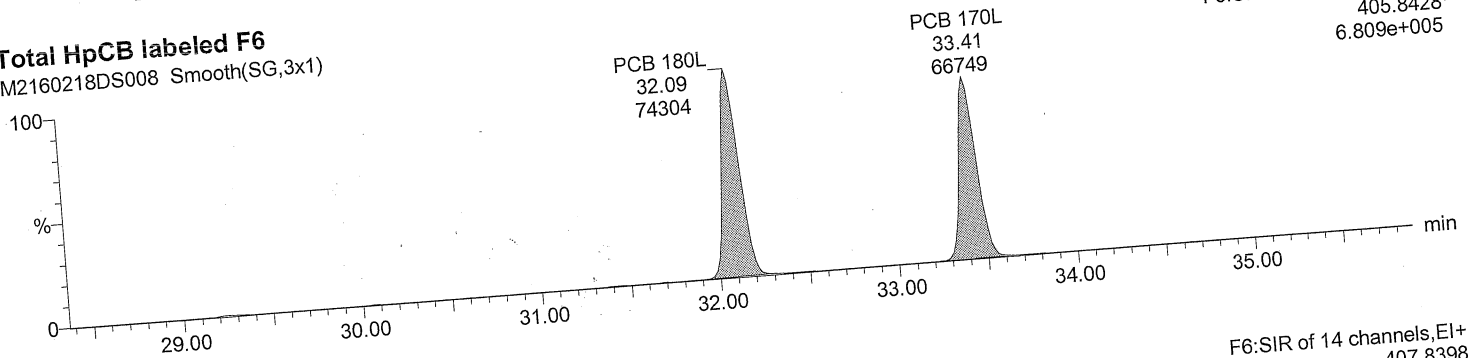
Total HpCB F6

M2160218DS008 Smooth(SG,1x1)



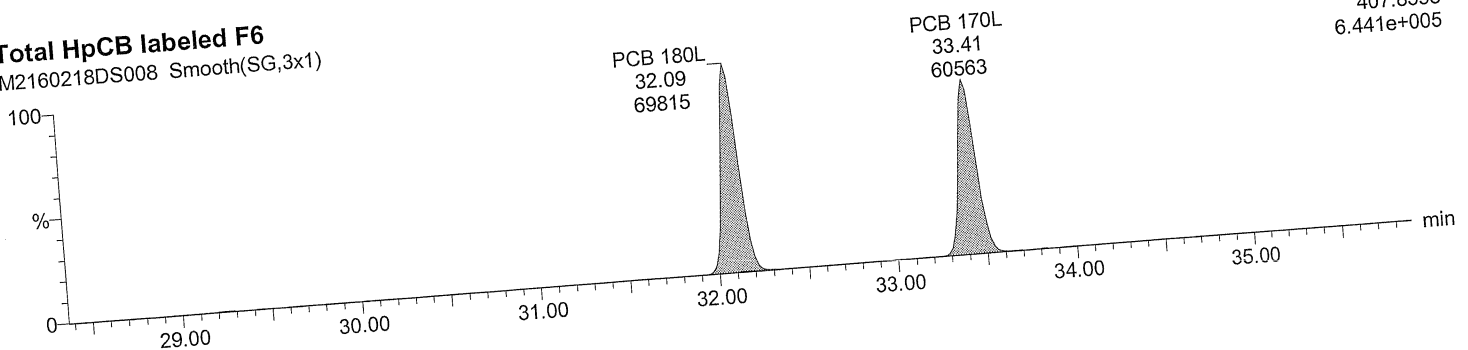
Total HpCB labeled F6

M2160218DS008 Smooth(SG,3x1)



Total HpCB labeled F6

M2160218DS008 Smooth(SG,3x1)



Quantify Sample Report MassLynx 4.0 SP1

Acquired Date:

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time

Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

Description: BRP509-01R

Vial: 8

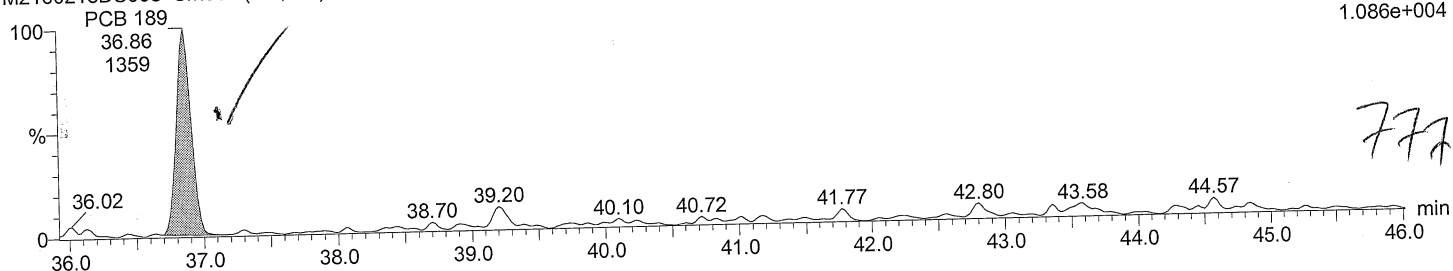
Date: 18-FEB-2016

Time: 00:18:49

Total HpCB F7

M2160218DS008 Smooth(SG,3x1)

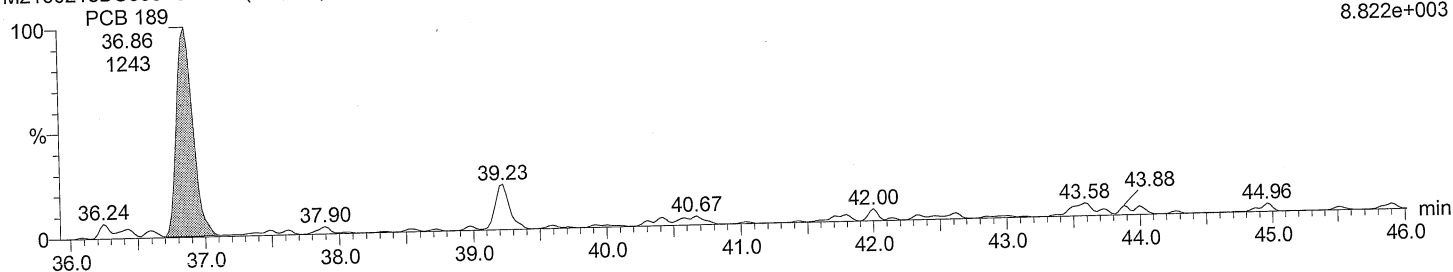
F7:SIR of 18 channels,EI+
393.8025
1.086e+004



Total HpCB F7

M2160218DS008 Smooth(SG,3x1)

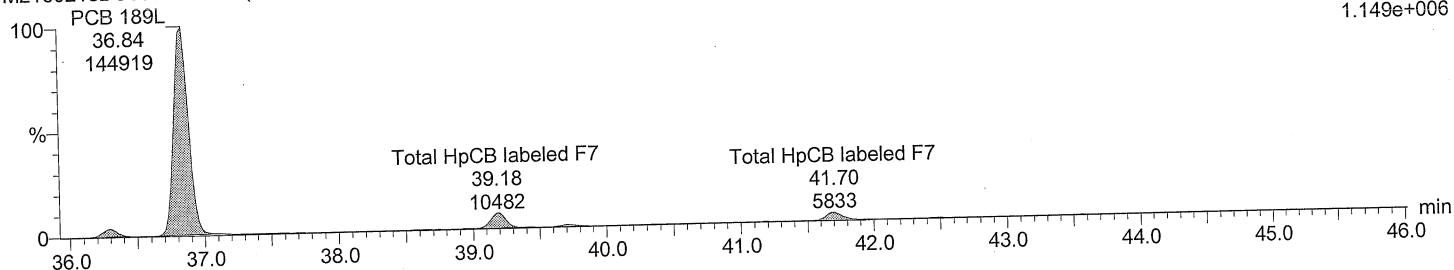
F7:SIR of 18 channels,EI+
395.7995
8.822e+003



Total HpCB labeled F7

M2160218DS008 Smooth(SG,3x1)

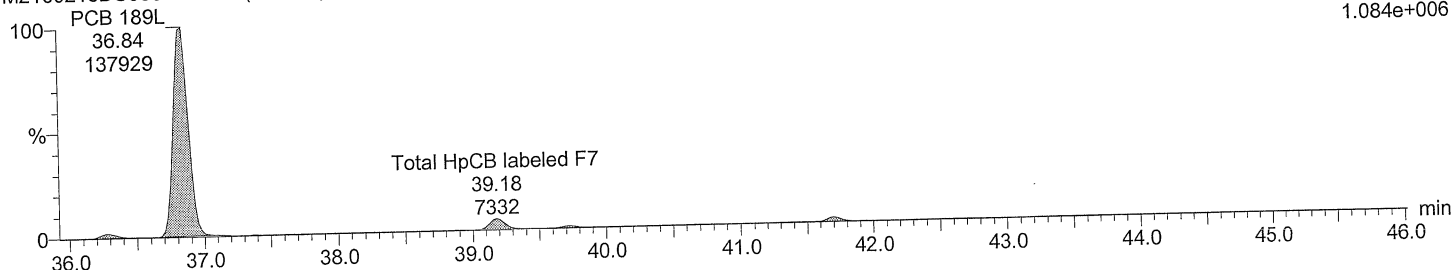
F7:SIR of 18 channels,EI+
405.8428
1.149e+006



Total HpCB labeled F7

M2160218DS008 Smooth(SG,3x1)

F7:SIR of 18 channels,EI+
407.8398
1.084e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2160218D_\M2160218D_samples_1668A.qld

Last Altered: February 20, 2016 11:26:26 AM Eastern Standard Time

Printed: February 20, 2016 11:29:33 AM Eastern Standard Time

ID: Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

Description: BRP509-01R

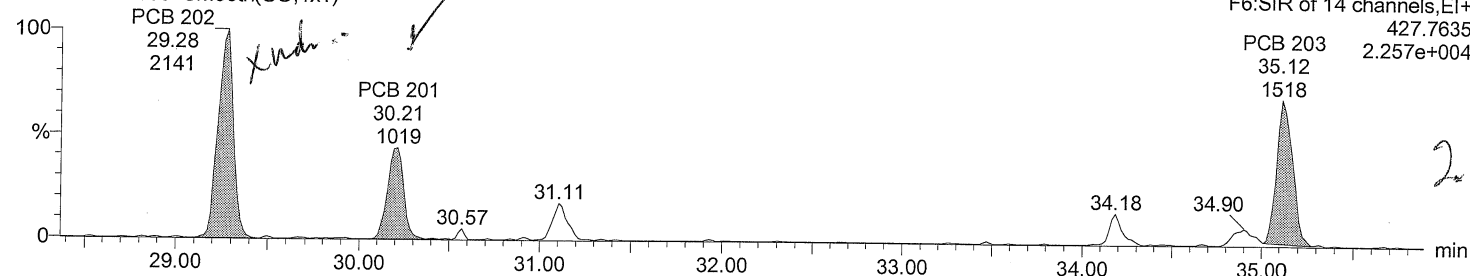
Vial: 8

Date: 18-FEB-2016

Time: 00:18:49

Total OcCB F6

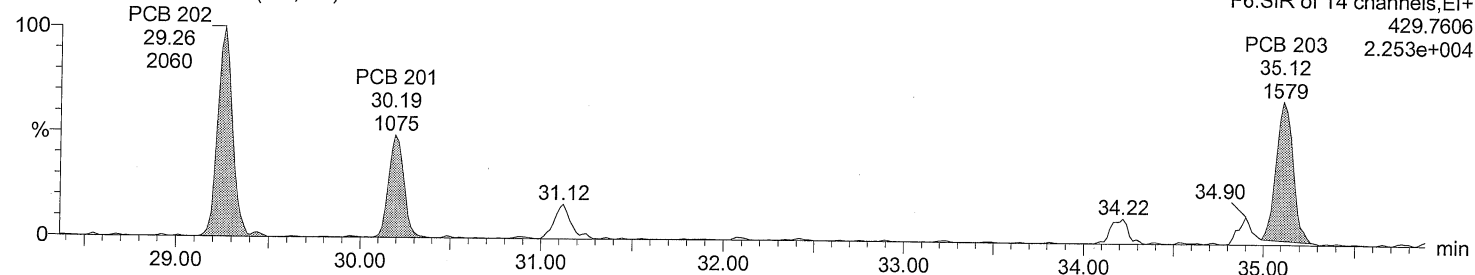
M2160218DS008 Smooth(SG,1x1)



F6:SIR of 14 channels,EI+
427.7635
2.257e+004

Total OcCB F6

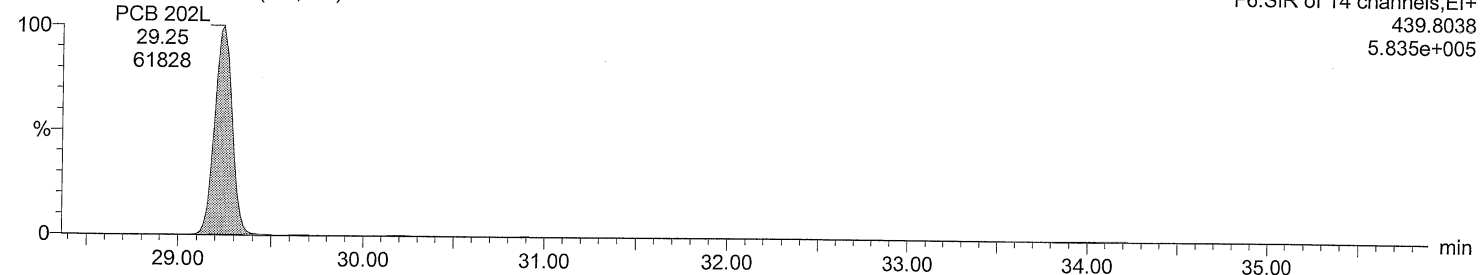
M2160218DS008 Smooth(SG,1x1)



F6:SIR of 14 channels,EI+
429.7606
2.253e+004

Total OcCB labeled F6

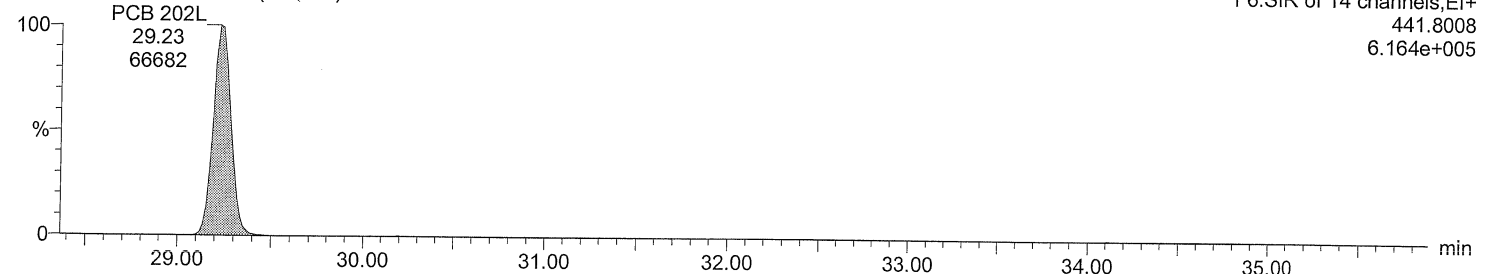
M2160218DS008 Smooth(SG,3x1)



F6:SIR of 14 channels,EI+
439.8038
5.835e+005

Total OcCB labeled F6

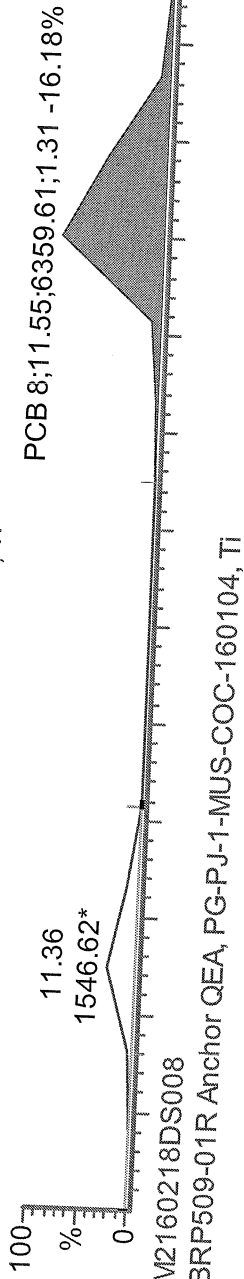
M2160218DS008 Smooth(SG,3x1)



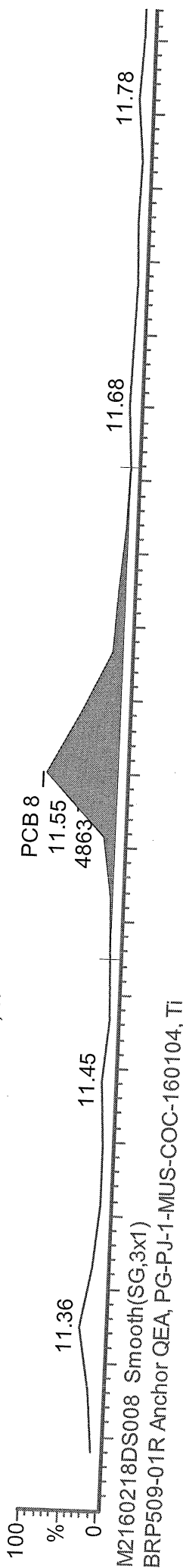
F6:SIR of 14 channels,EI+
441.8008
6.164e+005

Before
15.02.20
AH

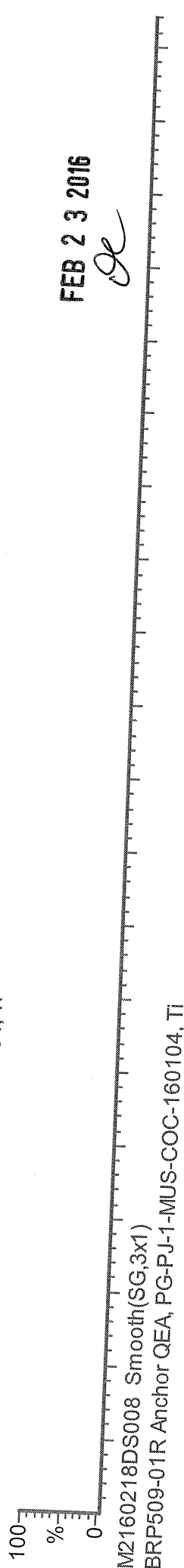
M2160218DS008
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



M2160218DS008
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

FEB 23 2016

M3 16/02/20 : AH

Maxxam Analytics

M2160218DS008
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



M2160218DS008
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

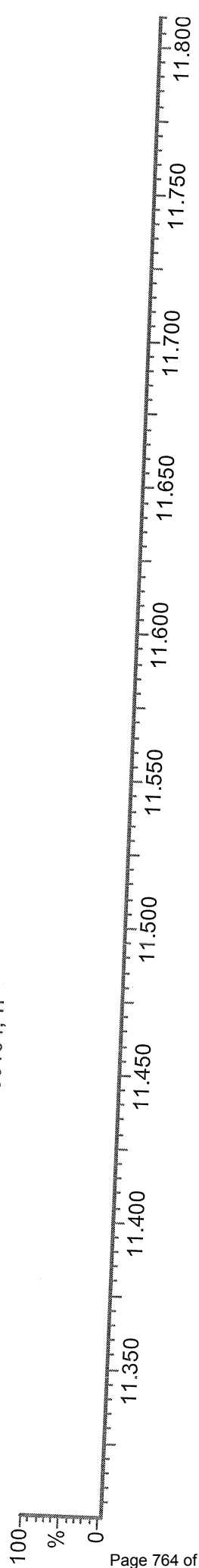


M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



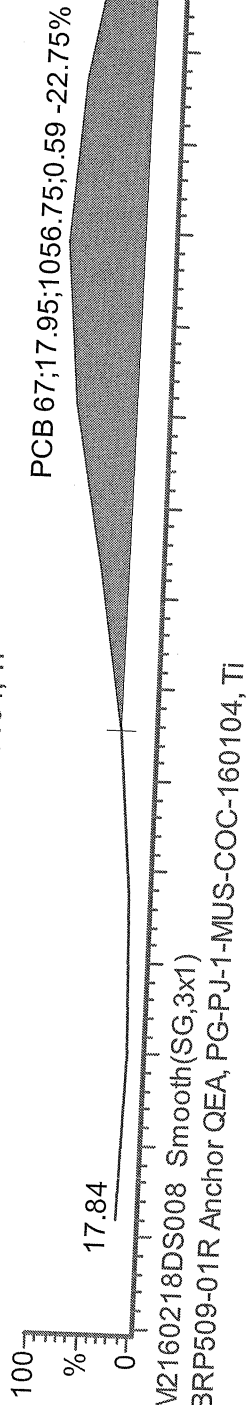
FEB 23 2016

M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



Before
6-02-20
At-

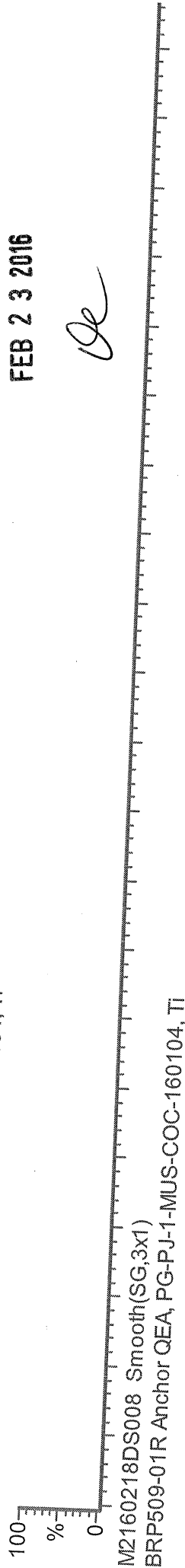
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BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

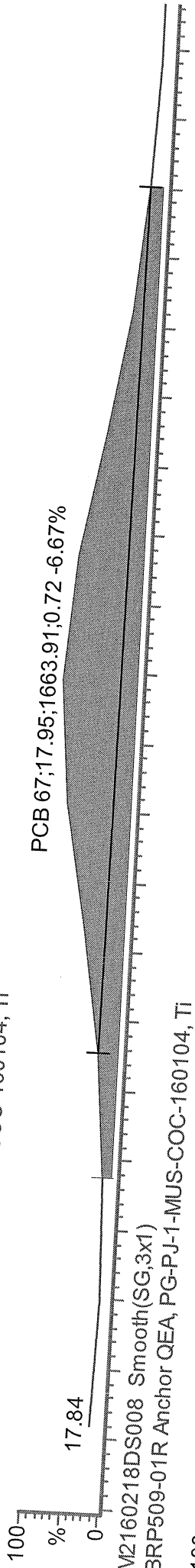


M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

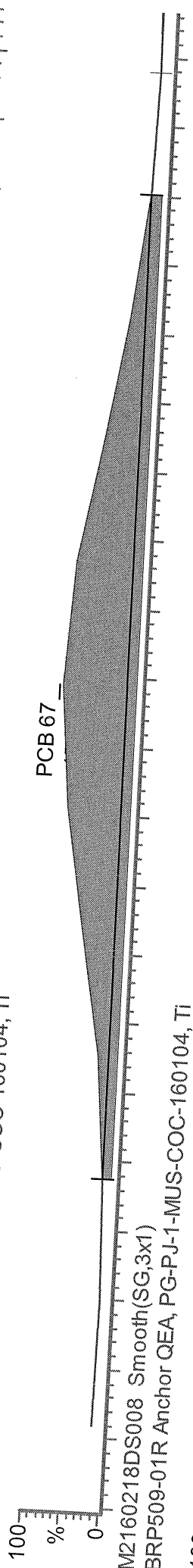
FEB 23 2016

M3 16/02/20 : AH

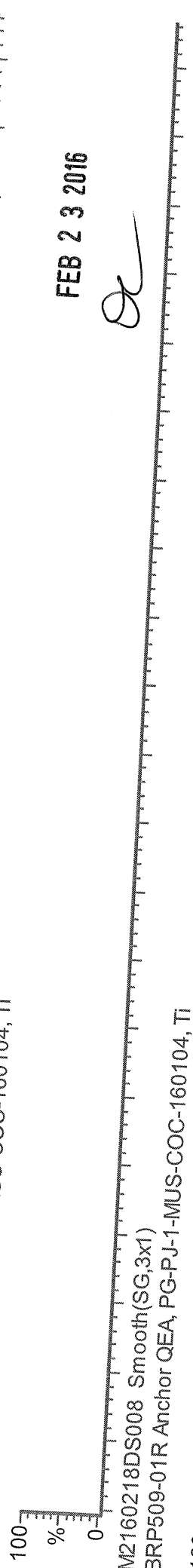
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BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



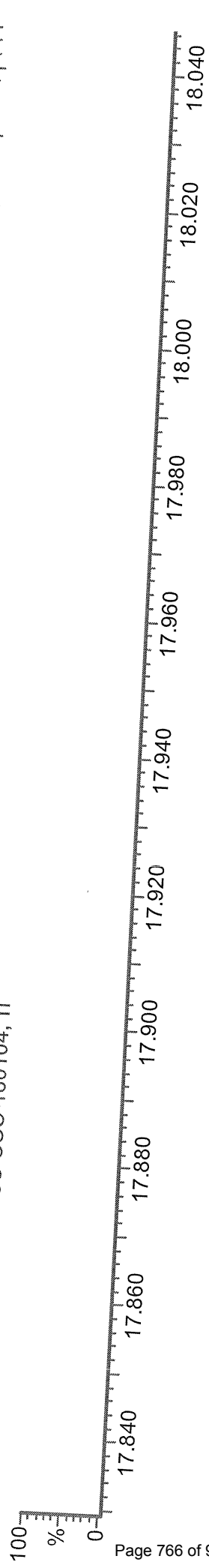
M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



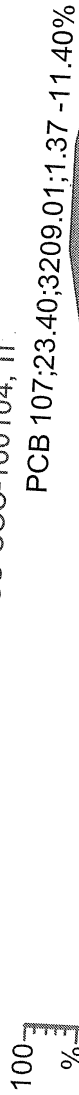
M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



FEB 23 2016

Before
16.02.20
AA --

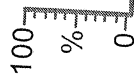
M2160218DS008 Smooth(SG,2x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



M2160218DS008 Smooth(SG,2x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

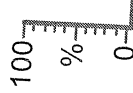


M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



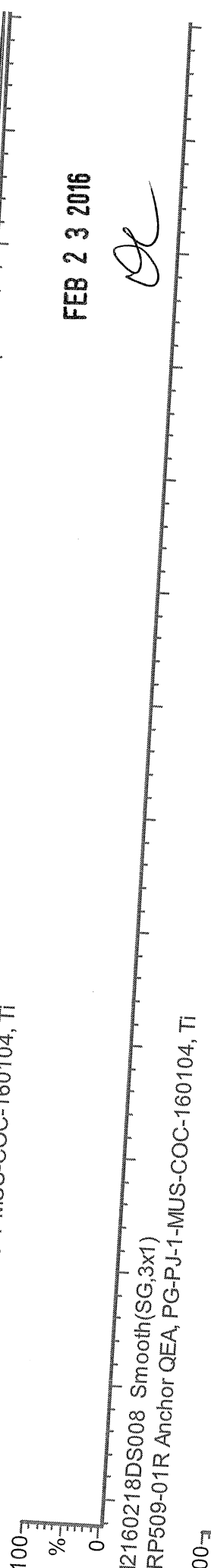
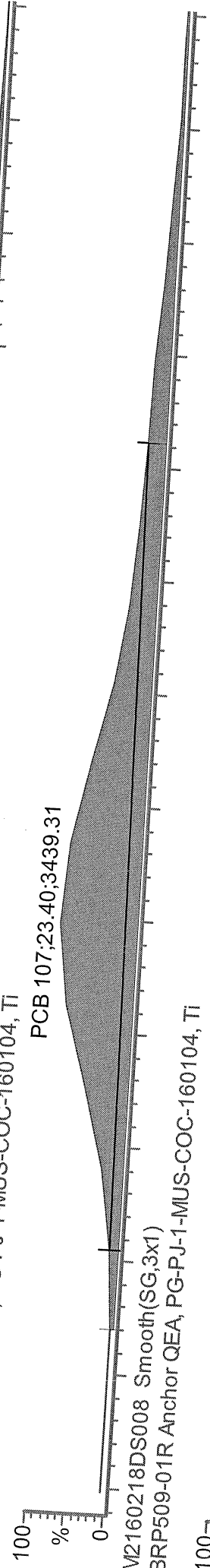
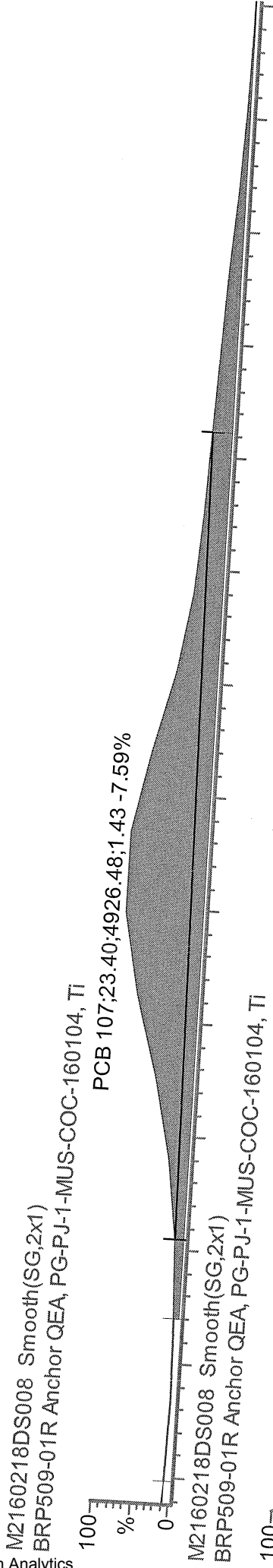
FEB 23 2016

M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



M3 16/02/20 : AH

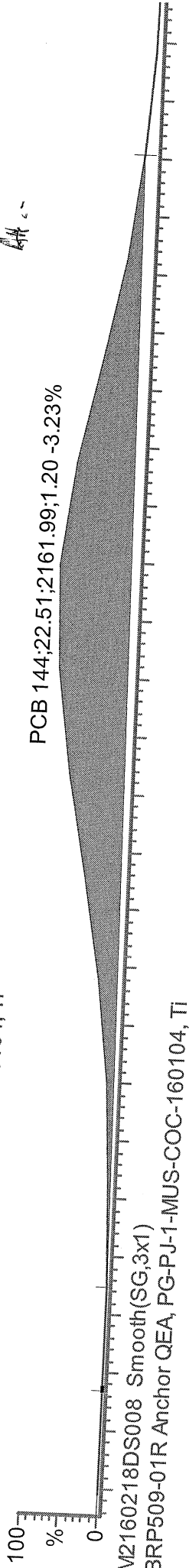
Maxxam Analytics



FEB 23 2016

Before
6.02.20
AH

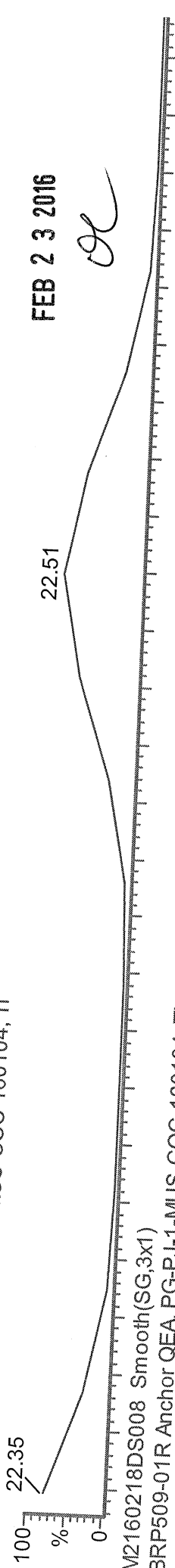
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BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, TI



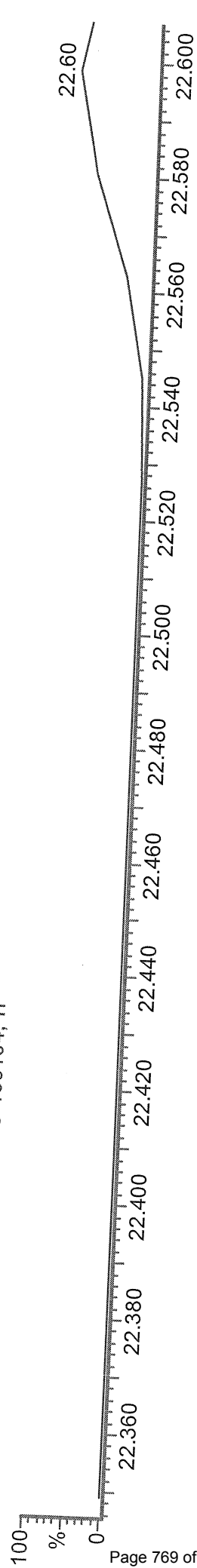
M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, TI

PCB 144;22.49;1801.76

M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, TI



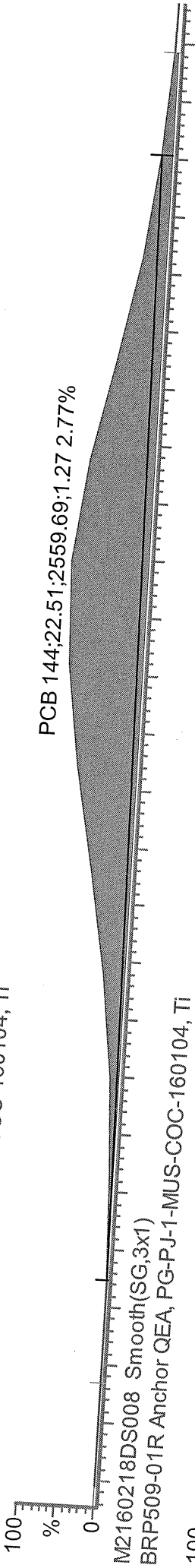
M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, TI



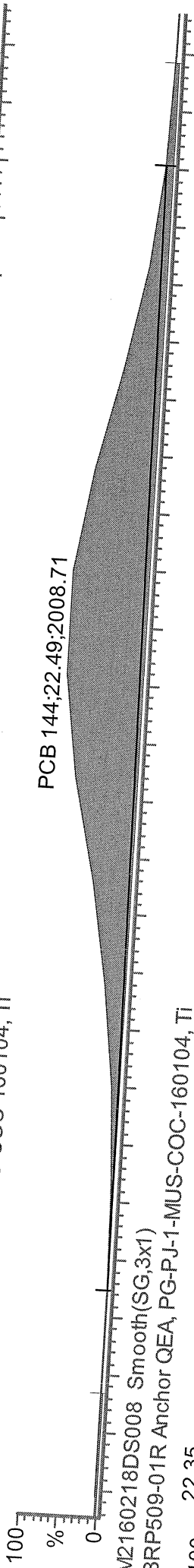
M3 16/02/20 : AH

Maxxam Analytics

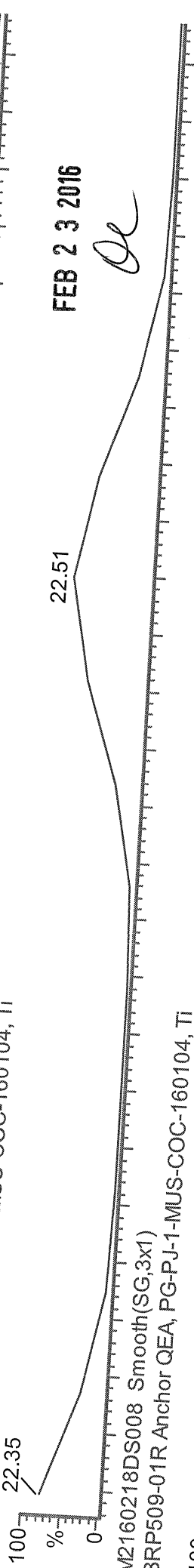
M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, TI



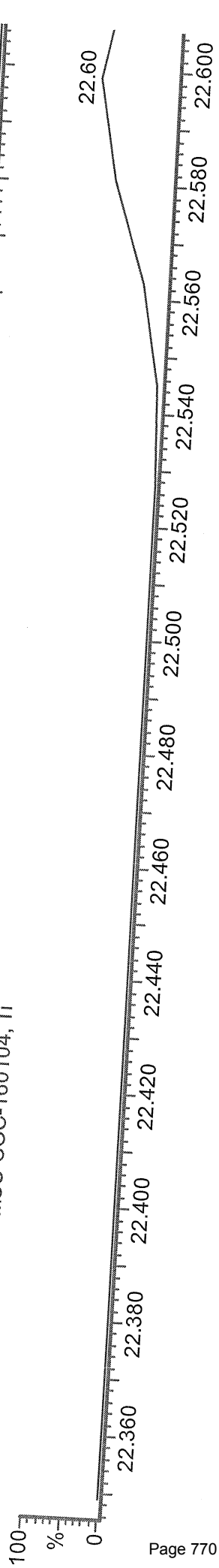
M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, TI



M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, TI

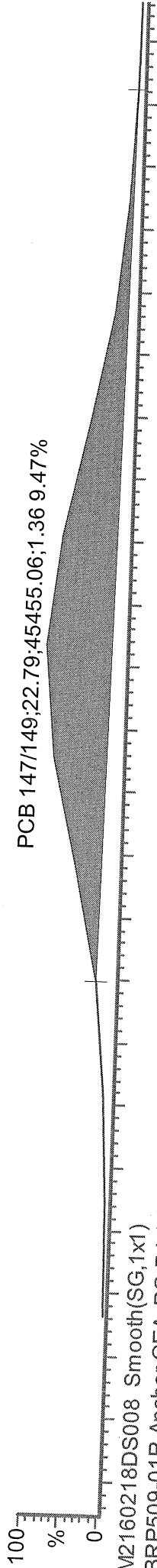


M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, TI

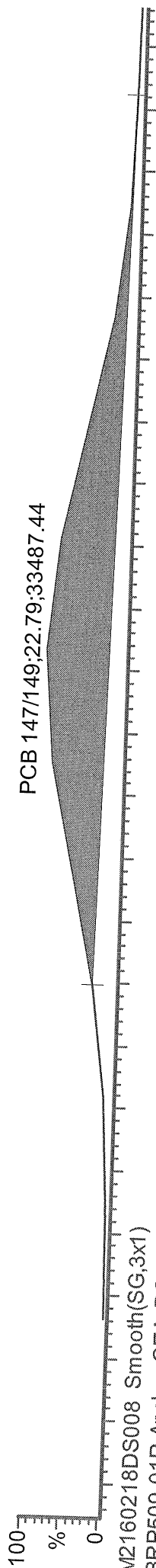


Before
6.02.20
AM

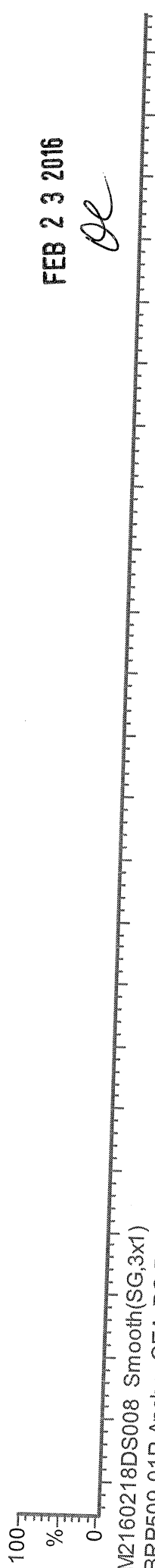
M2160218DS008 Smooth(SG,1x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



M2160218DS008 Smooth(SG,1x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



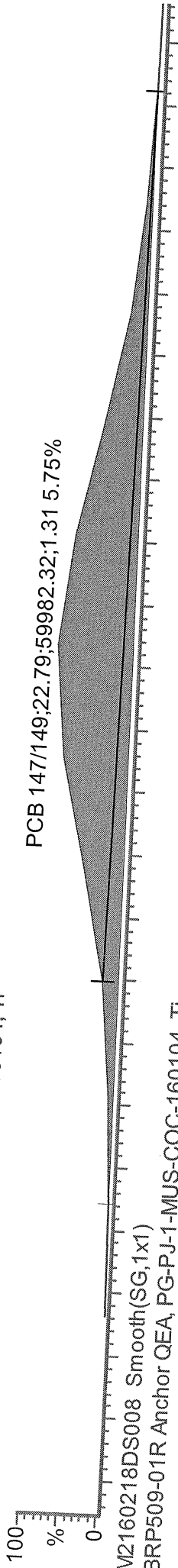
FEB 23 2016

DL

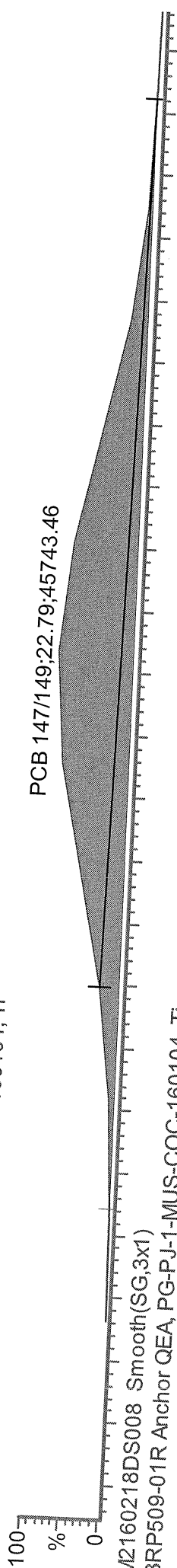
M3 16/02/20 : AH

Maxxam Analytics

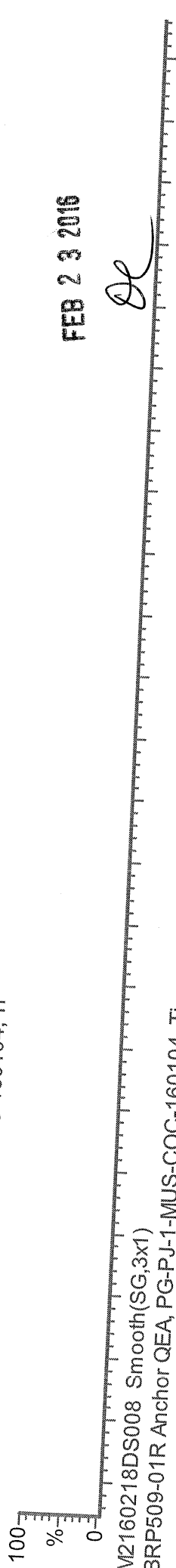
M2160218DS008 Smooth(SG,1x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



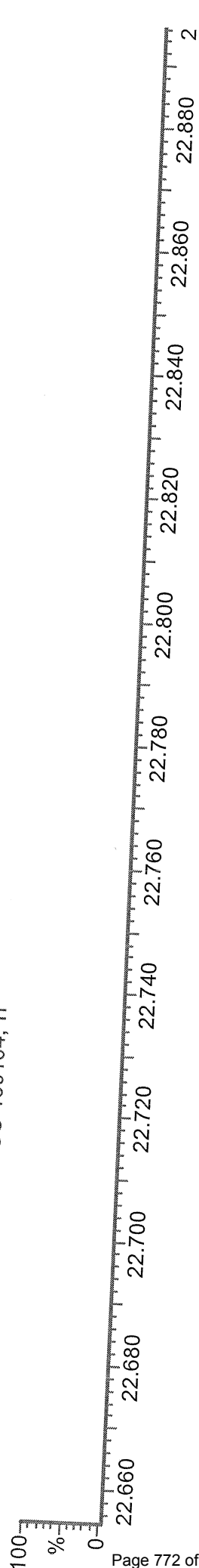
M2160218DS008 Smooth(SG,1x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



FEB 23 2016

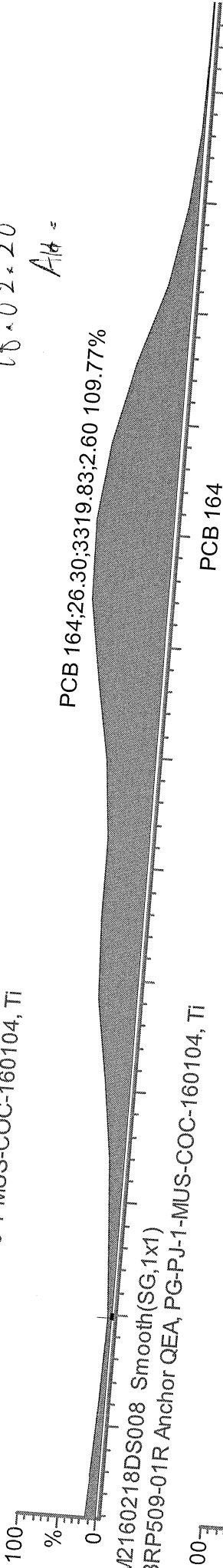


Before

6.02 x 20

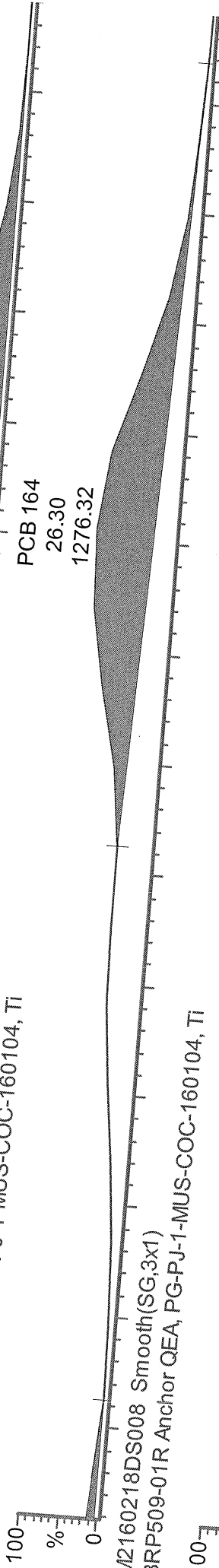
A₁₄ =

M2160218DS008 Smooth(SG,1x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



PCB 164
26.30
1276.32

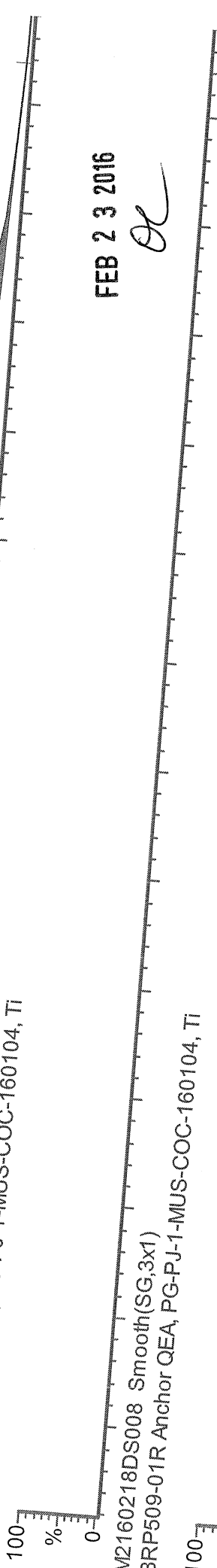
M2160218DS008 Smooth(SG,1x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti



FEB 23 2016

OC

M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

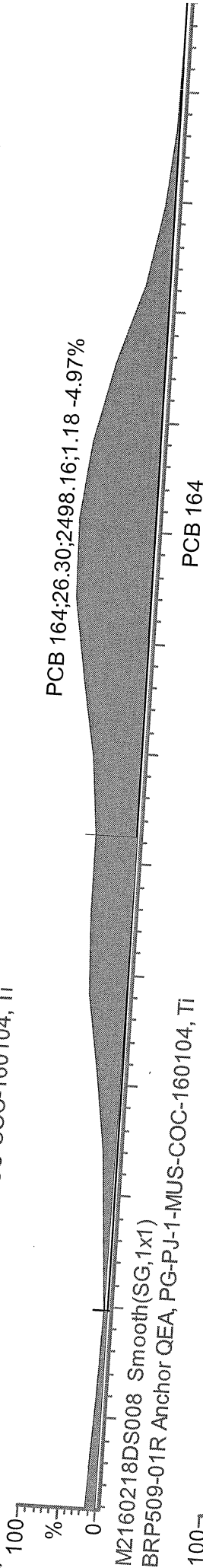


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BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, Ti

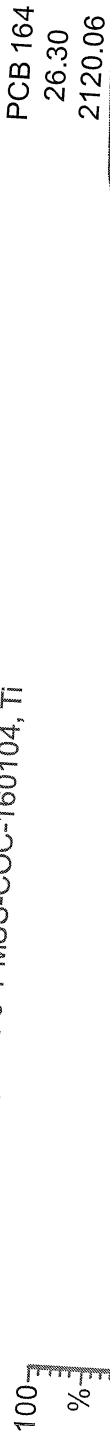
M2 16/02/20 : AH

Maxxam Analytics

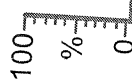
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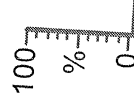
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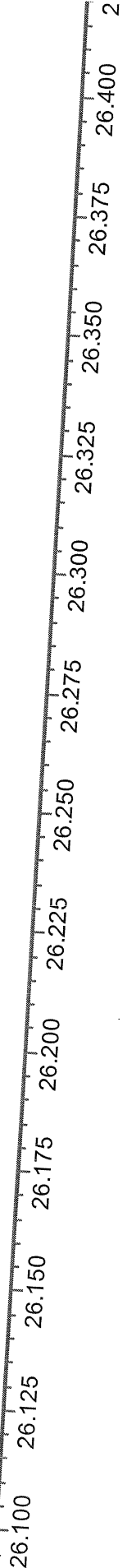
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BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, TI



M2160218DS008 Smooth(SG,3x1)
BRP509-01R Anchor QEA, PG-PJ-1-MUS-COC-160104, TI



FEB 23 2016



Analysis Type:

Maxxam ID #:

Analyte:

Instr. File Name:

Injection Date:
Injection Time:

SAMPLE DATA: the following is applicable to all reported HRMS analyte calculations

Analyte Area (Primary + Secondary Ions) =

Recovery Standard Area (Primary + Secondary Ions) =

Internal Standard Area (Primary + Secondary Ions) =

Amount of Recovery Standard added to the Extract (pg, ng) =

Amount of Internal Std. added to the sample (pg, ng) =

Average RRF of Analyte =

RRF of Internal Standard =

Amount of Sample Extracted (g or L) =

SPLIT / Dilution Factor =

Analyte Conc. (pg/g, pg/L, Total pg)
or (ng/g, ng/L, Total ng) =

Internal Standard Recovery (%) =

DAILY RRFs
Using post concal

=A

=B

=C

=D

=E

=F

=G

=H

=I

=A*E/(C*H*F)*I

=C*D*100/(B*E*G)

Sample ID BRP510-01R
 Comments
 Instrument File Ultima 3
 Sample Size 10.076

Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng	Code	Isomers	DL	S/N	Mod	rf	Rec
1 PCB 1	188	NotFnd	*	*	*	*							
2 PCB 2	MoCB 190	8.98	*	no	*	-0.00062							
3 PCB 3	MoCB 190	10.10	*	no	*	-0.00056							
4 PCB 4	MoCB 190	10.19	*	no	*	-0.00062					no	1.2	
5 PCB 10	DiCB 224	10.29	*	no	*	-0.00257					no	1.079	
6 PCB 9	DiCB 224	10.37	*	no	*	-0.002					no	0.954	
7 PCB 7	DiCB 224	11.18	*	no	*	-0.00327					no	1.229	
8 PCB 6	DiCB 224	11.26	*	no	*	-0.00368					no	1.311	
9 PCB 5	DiCB 224	11.34	1926	1.28	3435	-0.00325					no	1.165	
10 PCB 8	DiCB 224	11.50	5618	*	*	-0.00436					no	1.319	
11 PCB 14	DiCB 224	11.55	7721	1.37	13339	0.009779					no	0.983	
12 PCB 11	DiCB 224	12.26	6882	1.37	11890	0.009881					no	1.456	
13 PCB 13/12	DiCB 224	12.66	5009	yes	*	-0.00322				109	no	1.332	
14 PCB 15	DiCB 224	12.82	*	no	*	-0.00355				8	no	1.285	
15 PCB 19	DiCB 224	12.95	20403	1.38	35198	0.028358				62	no	1.21	
16 PCB 30/18	TriCB 258	11.70	1390	1.1	2652	0.005636				5	no	0.871	
17 PCB 17	TriCB 258	12.48	18728	1.07	36257	0.042919				191	no	0.899	
18 PCB 27	TriCB 258	12.69	3766	1.16	7013	0.009888				12	no	0.813	
19 PCB 24	TriCB 258	12.79	3594	0.94	7433	0.007142				16	no	0.683	
20 PCB 16	TriCB 258	12.87	3839	yes	*	-0.00226				195	no	1.002	
21 PCB 32	TriCB 258	12.91	6464	1.06	12582	0.024198				193	no	0.855	
22 PCB 34	TriCB 258	13.14	5993	1.05	11682	0.010291				33	no	0.501	
23 PCB 23	TriCB 258	13.74	5688	yes	*	-0.00089				51	no	1.093	
24 PCB 26/29	TriCB 258	13.83	*	no	*	-0.00107				48	no	1.235	
25 PCB 25	TriCB 258	13.99	16216	1.05	31651	0.024955				58	no	1.033	
26 PCB 31	TriCB 258	14.10	7811	1.06	15183	0.010957				54	no	1.221	
27 PCB 28/20	TriCB 258	14.26	83767	1.01	166542	0.12009				95	no	1.334	
28 PCB 21/33	TriCB 258	14.43	221710	1.03	436973	0.353405				91	no	1.335	
29 PCB 22	TriCB 258	14.53	39665	1.01	78920	0.060537				46	no	1.191	
30 PCB 36	TriCB 258	14.76	33671	1.01	67745	0.057878				45	no	1.255	
31 PCB 39	TriCB 258	15.60	*	no	*	-0.0007				503	no	1.127	
32 PCB 38	TriCB 258	15.83	1448	0.92	3029	0.002209				505	no	1.57	
33 PCB 35	TriCB 258	16.18	1581	yes	*	-0.00077				1256	no	1.32	
34 PCB 37	TriCB 258	16.45	-1271.92	1.04	-2494.92	-0.0015	PCB 35 NDR			1287	no	1.438	
35 PCB 54	TCB 292	16.70	31005	1.02	61328	0.043597				217	no	1.597	
36 PCB 53/50	TCB 292	17.00	30323	yes	*	-0.00122				232	no	0.906	
37 PCB 45/51	TCB 292	17.00	12174	0.81	27252	0.039495				191	no	0.911	
38 PCB 46	TCB 292	17.00	15078	yes	*	-0.00122				157	no	0.654	
39 PCB 52	TCB 292	17.00	7243	0.79	16459	0.02466				157	no	0.633	
40 PCB 73	TCB 292	17.00	9216	yes	8713	0.014921				55	no	0.554	
41 PCB 43	TCB 292	17.00	3834	0.79	205890	0.23407				52	no	0.834	
42 PCB 69/49	TCB 292	17.00	4879	yes	725	-0.00236				30	no	0.813	
	TCB 292	17.00	91762	0.8	8721	0.016011				30	yes	0.516	
	TCB 292	17.00	114128	yes	91886	0.10236				16	no	0.851	

137 PCB 183	394	28.48	26286	1.12	49806	0.051709						
138 PCB 185	HpCB 396	28.50	23520	yes			-0.00257	61	yes	1.162	-	
139 PCB 174	394	NotFnd	*	*								
	HpCB 396	28.56	*	no	*	-0.00351		58				
	394	NotFnd	*	*			-0.00351	*	no	0.851	-	
140 PCB 177	HpCB 396	28.72	*	no	*	-0.00308		*				
	394	29.14	16474	1.02	32649	0.041754		*	no	0.97	-	
141 PCB 181	HpCB 396	29.14	16175	yes	*		-0.00317	39	no	0.943	-	
	394	NotFnd	*	*				39				
142 PCB 171/173	HpCB 396	29.56	*	no	*	-0.00335		*				
	394	29.78	9016	1.07	17456	0.022199		*	no	0.892	-	
	HpCB 396	29.78	8440	yes	*		-0.00335	*				
143 PCB 172	394	NotFnd	*	*			-0.00315	20	no	0.948	-	
	HpCB 396	31.42	*	no	*	-0.00314		20				
144 PCB 192	394	NotFnd	*	*			-0.00314	*	no	0.95	-	
	HpCB 396	31.74	*	no	*	-0.00275		*				
145 PCB 193/180	394	32.11	54906	1.08	105966	0.112323		*	no	1.085	-	
	HpCB 396	32.06	51061	yes	*		-0.00216	113	no	1.383	-	
146 PCB 191	394	32.47	1320	0.99	2650	-0.00221		112				
147 PCB 170	HpCB 396	32.48	1331	no	*	Op-O	-0.00221	*		1.352	-	
	394	33.43	10176	1.07	19670	0.025556		*				
148 PCB 190	HpCB 396	33.45	9493	yes	*		-0.00235	20	yes	1.271	-	
	394	34.02	5841	1.13	10990	0.009856		21				
149 PCB 189	HpCB 396	34.02	5148	yes	*		-0.00222	12	yes	1.345	-	
	394	36.87	1719	1.18	3181	0.002468		11				
150 PCB 202	HpCB 396	36.86	1462	yes	*		-0.00078	8	no	0.944	-	
	428	29.26	3168	0.93	6577	0.011083		7				
151 PCB 201	OcCB 430	29.26	3409	yes	*		-0.00182	17	no	0.988	-	
	428	30.19	1585	0.94	3263	0.004252		17				
152 PCB 204	OcCB 430	30.16	1678	yes	*		-0.00181	9	no	0.997	-	
	428	NotFnd	*	*				7				
153 PCB 197	OcCB 430	30.86	*	no	*	-0.00187		*	no	0.962	-	
	428	NotFnd	*	*			-0.00187	*				
154 PCB 200	OcCB 430	31.10	*	no	*	-0.00205		*	no	0.876	-	
	428	NotFnd	*	*			-0.00205	*				
155 PCB 198/199	OcCB 430	31.22	*	no	*	-0.00179		*	no	1.006	-	
	428	NotFnd	*	*			-0.00179	*				
156 PCB 196	OcCB 430	34.17	*	no	*	-0.00275		*	no	0.654	-	
	428	NotFnd	*	*			-0.00275	*				
157 PCB 203	OcCB 430	34.90	*	no	*	-0.00267		*	no	0.674	-	
	428	35.12	2301	0.98	4656	0.009182		*				
158 PCB 195	OcCB 430	35.10	2355	yes	*		-0.00273	12	no	0.659	-	
	428	NotFnd	*	*				12				
159 PCB 194	OcCB 430	36.57	*	no	*	-0.00153		*	no	1.005	-	
	428	39.20	3582	1	7176	0.008545		*				
160 PCB 205	OcCB 430	39.19	3594	yes	*		-0.00141	15	no	1.091	-	
	428	NotFnd	*	*				13				
161 PCB 208	OcCB 430	39.75	*	no	*	-0.00141		*	no	1.091	-	
	462	NotFnd	*	*			-0.00141	*				
162 PCB 207	NoCB 464	36.31	*	no	*	-0.00221		*	no	1.023	-	
	462	NotFnd	*	*			-0.00221	*				
163 PCB 206	NoCB 464	37.32	*	no	*	-0.00171		*	no	1.32	-	
	462	NotFnd	*	*			-0.00171	*				
164 PCB 209	NoCB 464	41.68	*	no	*	-0.0022		*	no	1.027	-	
	498	NotFnd	*	*			-0.0022	*				
165 PCB 1L	DCB 500	43.54	*	no	*	-0.00294		*	no	1.04	-	
	200	8.98	155995	3.51	200463	0.143928		*				
166 PCB 3L	202	8.97	44468	yes			0.001	3155	no	0.824	73	
	200	10.17	149306	3.29	194761	0.135146		297				
167 PCB 4L	202	10.16	45455	yes			0.001	3035	no	0.852	68	
	234	10.28	55461	1.66	88832	0.096826		302				
168 PCB 15L	236	10.28	33371	yes			0	2200	no	0.543	49	
	234	12.93	176498	1.66	282997	0.1558		2227				
169 PCB 19L	236	12.91	106499	yes			0	1393	no	1.074	78	
	268	11.68	53316	1.05	103931	0.106308		1376				
170 PCB 37L	270	11.66	50615	yes			0.001	251	no	0.578	54	
	268	16.68	159065	1.07	308349	0.198453		346				
171 PCB 54L	270	16.67	149284	yes			0.001	574	no	1.987	100	
	302	13.06	49720	0.82	110529	0.10893		918				
172 PCB 81L	304	13.06	60809	yes			0	837	no	1.297	55	
	302	21.41	116831	0.79	264251	0.194408		2545				
173 PCB 77L	304	21.39	147420	yes			0	1384	no	1.738	98	
	302	21.85	109690	0.76	253146	0.192991		1451				
174 PCB 104L	304	21.82	143456	yes			0	1269	no	1.677	97	
	338	15.92	70227	1.61	113792	0.143155		1381				
175 PCB 123L	340	15.93	43565	yes			0	7879	no	1.156	72	
	338	23.49	152668	1.53	252266	0.189458		6953				
176 PCB 118L	340	23.50	99598	yes			0	3748	yes	1.936	95	
	338	23.77	149929	1.57	245317	0.187145		1680				
177 PCB 114L	340	23.76	95388	yes			0	3720	yes	1.906	94	
	338	24.25	146688	1.66	234846	0.192594		1601				
178 PCB 105L	340	24.25	88159	yes			0	3487	yes	1.773	97	
	338	24.81	150286	1.62	242804	0.193704		1460				
179 PCB 126L	340	24.81	92518	yes			0	3575	yes	1.822	98	
	338	27.69	147420	1.64	237031	0.198569		1517				
180 PCB 155L	340	27.67	89611	yes			0	3178	no	1.735	100	
	372	19.61	70581	1.28	125624	0.128449		1349				
181 PCB 167L	374	19.61	55042	yes			0	7957	no	1.404	65	
	372	29.50	148674	1.28	265166	0.180363		4725				
182 PCB 156L/157L	374	29.49	116493	yes			0	2200	no	2.11	91	
	372	30.66	275092	1.27	490972	0.3668		1957				
183 PCB 169L	374	30.69	215880	yes			0	3370	no	1.921	92	
	372	34.08	95843	1.25	172647	0.131352		2961				
	374	34.06	76804	yes			0	1300	no	1.886	66	
								1171				

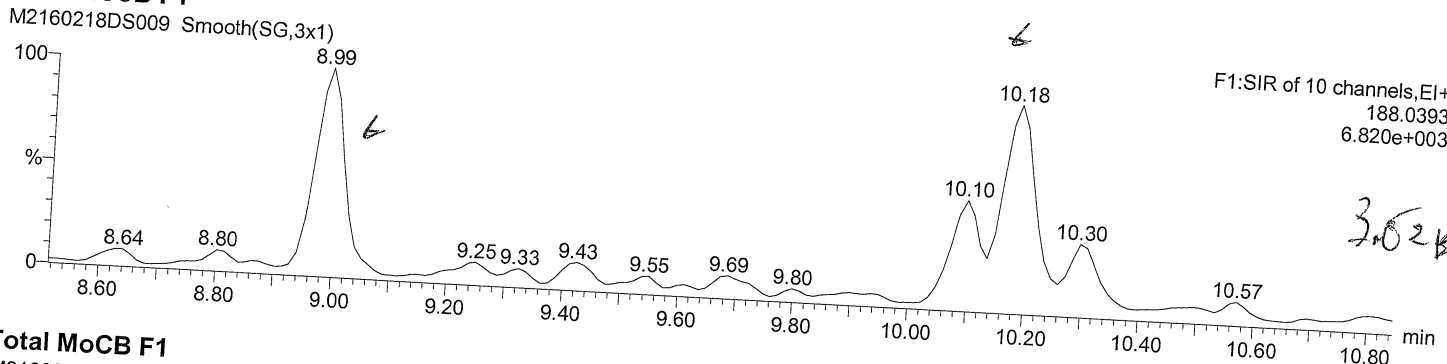
184 PCB 188L	406	24.20	68320	1.08	131689	0.14216						
	408	24.21	63368	yes			0	2524	no	1.329	72	
185 PCB 180L	406	32.09	71317	1.11	135441	0.140653		4987				
	408	32.09	64124	yes			0	3625	no	1.349	71	
186 PCB 170L	406	33.42	62775	1.09	120199	0.142639		2960				
	408	33.42	57424	yes			0	3127	no	1.18	72	
187 PCB 189L	406	36.82	139725	1.06	271007	0.175931		2515				
	408	36.83	131281	yes			0	3185	no	2.157	89	
188 PCB 202L	440	29.23	56559	0.9	119268	0.117673		3108				
	442	29.27	62709	yes			0	3305	no	1.419	59	
189 PCB 205L	440	39.71	89654	0.93	186327	0.170405		3613				
	442	39.73	96674	yes			0	1921	no	1.531	86	
190 PCB 208L	474	36.27	50056	0.78	114332	0.140523		2333				
	476	36.28	64276	yes			0	1993	no	1.139	71	
191 PCB 206L	474	41.68	38439	0.81	86034	0.158629		2339				
	476	41.73	47595	yes			0	1429	no	0.76	80	
192 PCB 209L	510	43.54	43637	1.2	80109	0.154888		1599				
	512	43.53	36472	yes			0	1951	no	0.724	78	
193 PCB 28L	268	14.41	167545	1.04	327910	0.205584		1697				
PCB Cleanup Standard	270	14.41	160365	yes			0.001	673	no	2.039	93	
194 PCB 111L	338	21.83	105185	1.65	168871	0.182806		1106				
PCB Cleanup Standard	340	21.84	63686	yes			0	2803	no	1.343	83	
195 PCB 178L	406	26.98	43963	1.06	85442	0.167298		3574				
PCB Cleanup Standard	408	26.97	41479	yes			0	1532	no	0.733	76	
196 PCB 31L	268	NotFnd	*	*	*			3089				
PCB Audit Standard	270	14.24	*	no			0.001		no	1.934		
197 PCB 95L	338	NotFnd	*	*	*							
PCB Audit Standard	340	17.73	*	no			0		no	0.946		
198 PCB 153L	372	NotFnd	*	*	*							
PCB Audit Standard	374	25.40	*	no			0		no	1.225		
199 PCB 9L	234	11.18	1154165	1.63	1864177	9.496049						
PCB Recovery Standard	236	11.19	710012	yes			-	10076	no	-	-	
200 PCB 52L	302	15.35	384435	0.8	862382	6.789766		10131				
PCB Recovery Standard	304	15.36	477948	yes			-	7724	no	-	-	
201 PCB 101L	338	19.77	468814	1.62	758386	6.862019		7544				
PCB Recovery Standard	340	19.76	289572	yes			-	13247	no	-	-	
202 PCB 138L	372	26.57	434361	1.3	768308	7.092558		17097				
PCB Recovery Standard	374	26.56	333947	yes			-	19094	no	-	-	
203 PCB 194L	440	39.18	381268	0.94	787312	7.237078		7235				
PCB Recovery Standard	442	39.17	406044	yes			-	8005	no	-	-	
Chlorobiphenyls								9780				
Dichlorobiphenyls					-0.00062		0					
Trichlorobiphenyls					0.048018		3	-0.00493				
Tetrachlorobiphenyls					0.773702		14	-0.00385				
Pentachlorobiphenyls					1.18672		22	-0.00371				
Hexachlorobiphenyls					0.673546		18	-0.00182				
Heptachlorobiphenyls					1.394827		20	-0.00329				
Octachlorobiphenyls					0.439538		11	-0.00351				
Nonachlorobiphenyls					0.033062		4	-0.00275				
Decachlorobiphenyl					-0.00221		0	-0.00221				
PCB (total)					-0.00294		0	-0.00294				
					4.549413							

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Printed: February 20, 2016 01:24:13 PM Eastern Standard Time

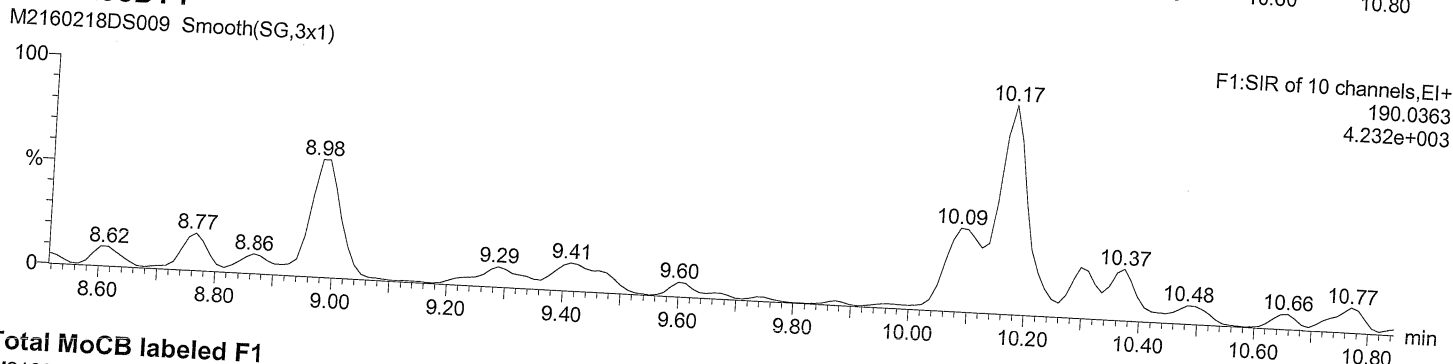
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ID: Anchor QEA, PG-WS-1-MUS-COC-160104, Ti
Description: BRP510-01R
Vial: 9
Date: 18-FEB-2016
Time: 01:09:02

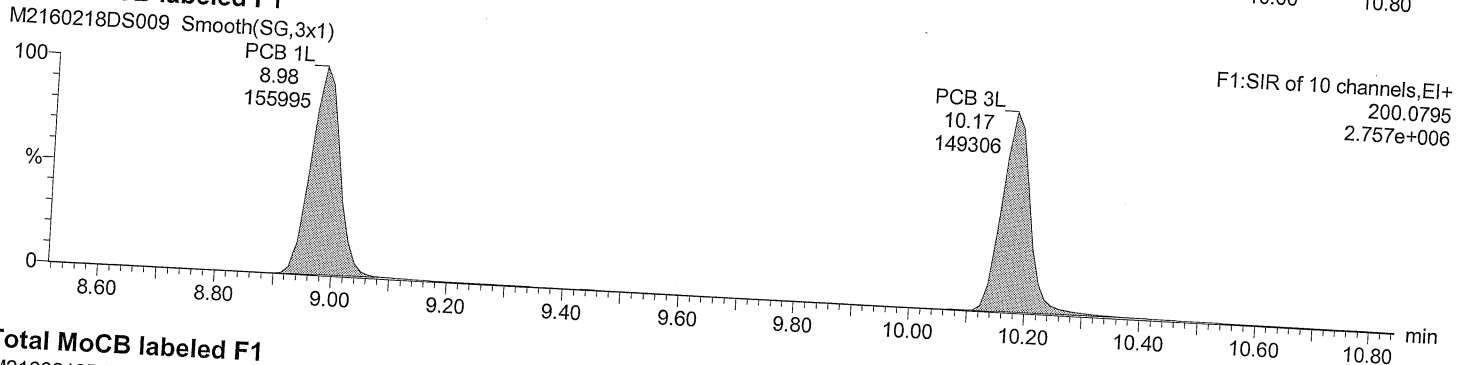
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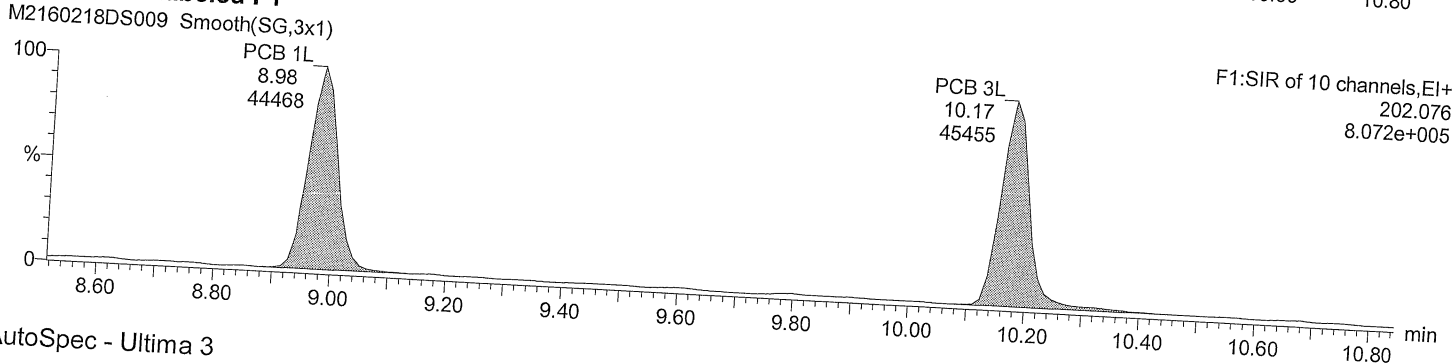
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Total MoCB labeled F1



Total MoCB labeled F1

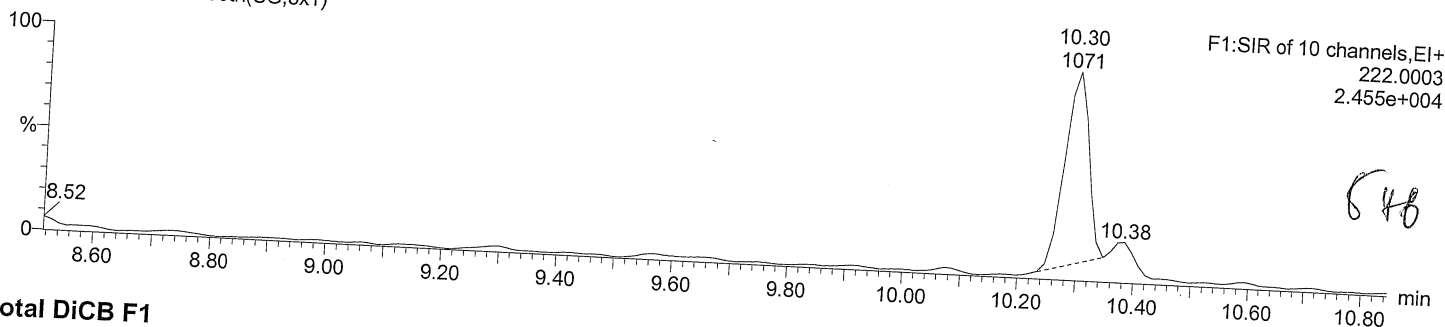


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ID: Anchor QEA, PG-WS-1-MUS-COC-160104, Ti
Description: BRP510-01R
Vial: 9
Date: 18-FEB-2016
Time: 01:09:02

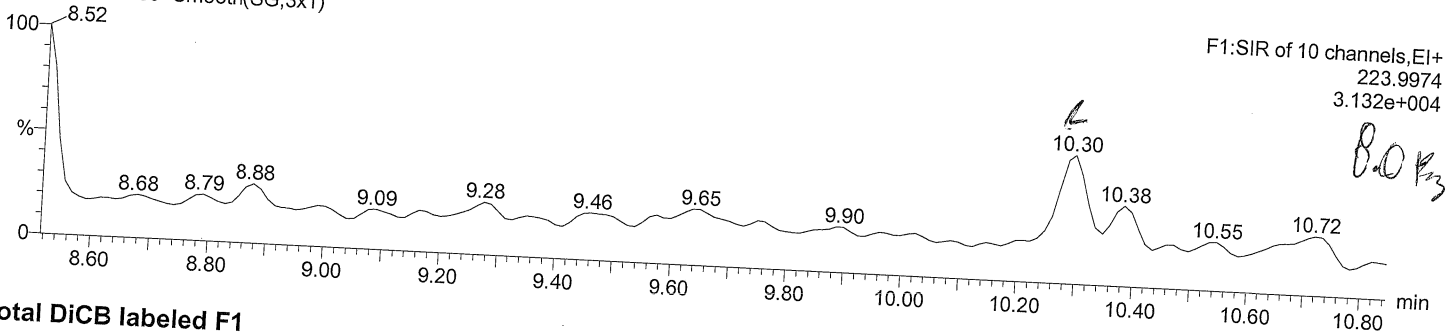
Total DiCB F1

M2160218DS009 Smooth(SG,3x1)



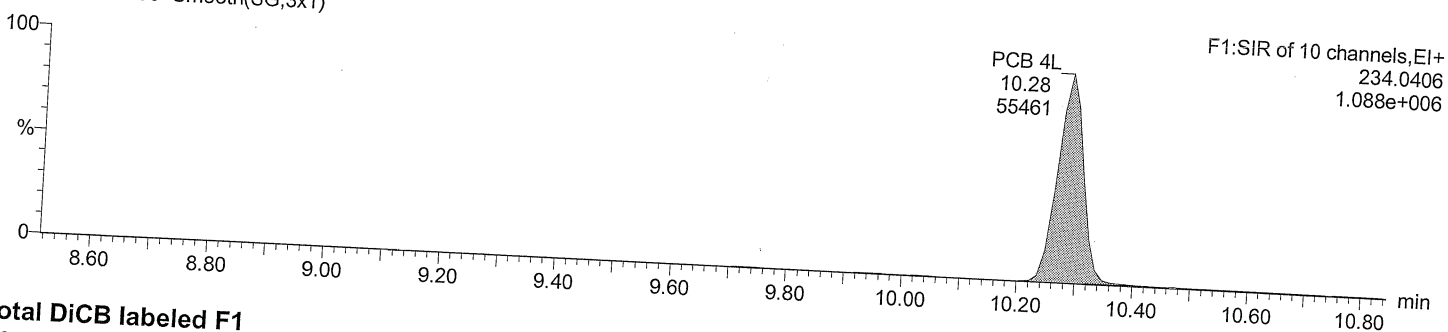
Total DiCB F1

M2160218DS009 Smooth(SG,3x1)



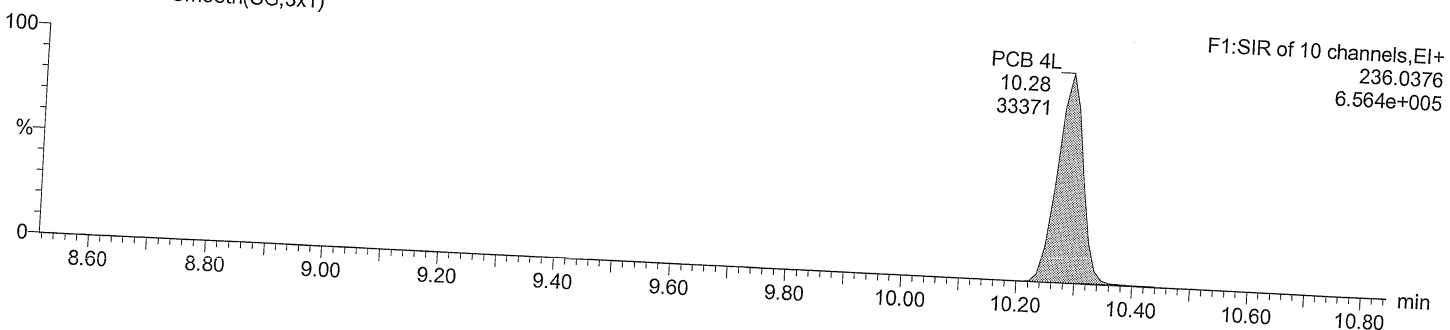
Total DiCB labeled F1

M2160218DS009 Smooth(SG,3x1)



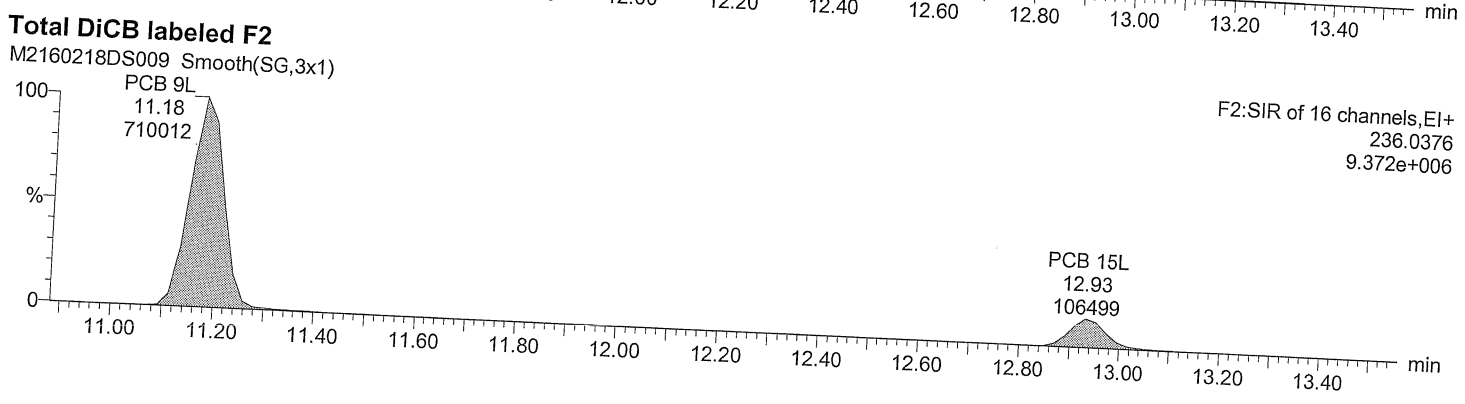
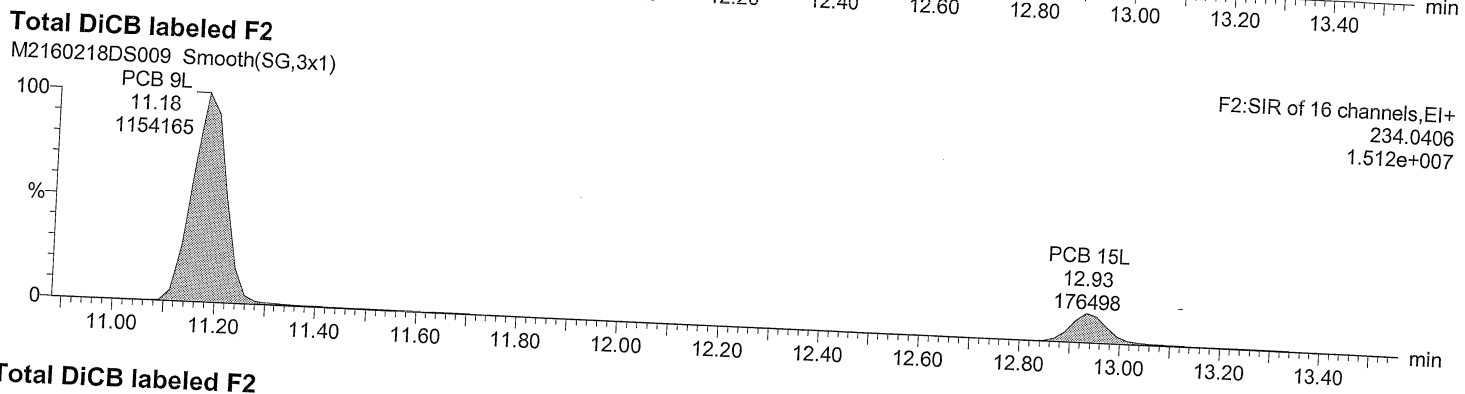
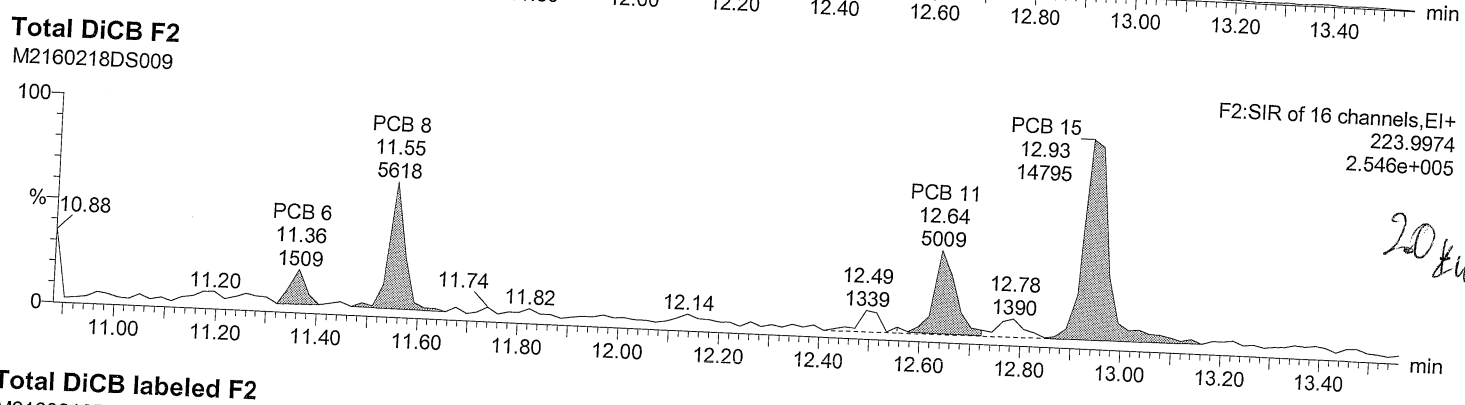
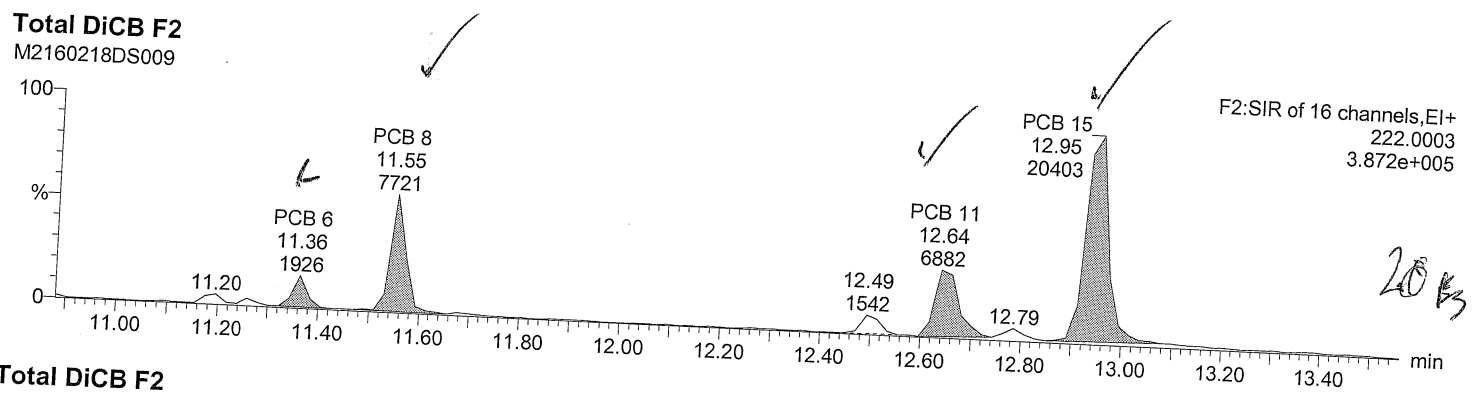
Total DiCB labeled F1

M2160218DS009 Smooth(SG,3x1)



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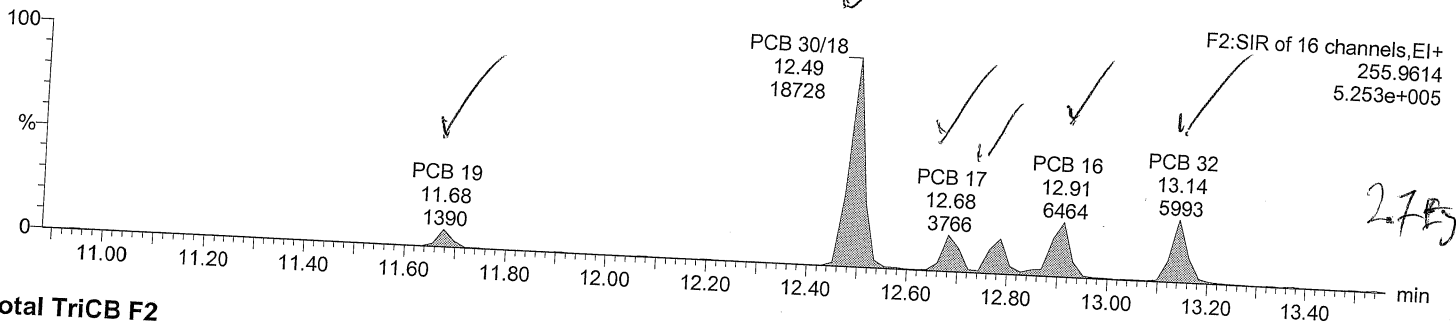
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Time: 01:09:02



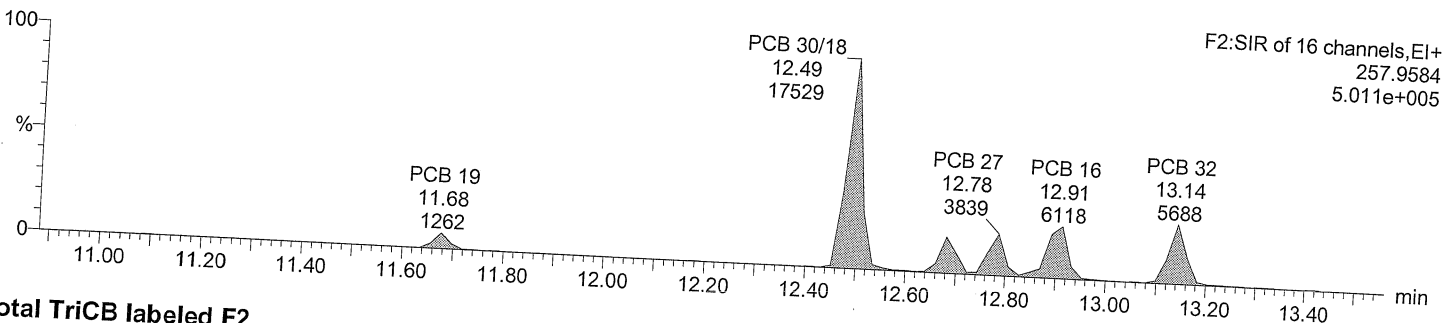
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Vial: 9
Date: 18-FEB-2016
Time: 01:09:02

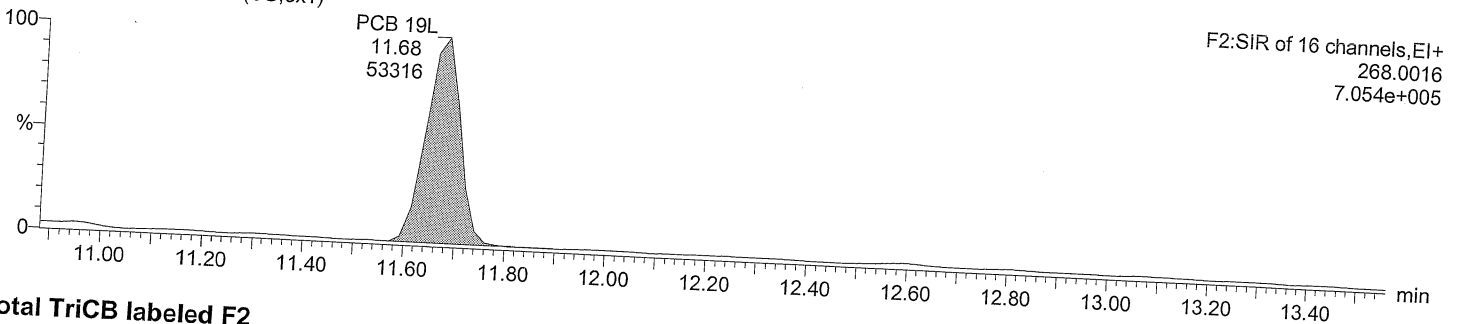
Total TriCB F2
M2160218DS009



Total TriCB F2
M2160218DS009



Total TriCB labeled F2
M2160218DS009 Smooth(SG,3x1)



Total TriCB labeled F2
M2160218DS009 Smooth(SG,3x1)

