

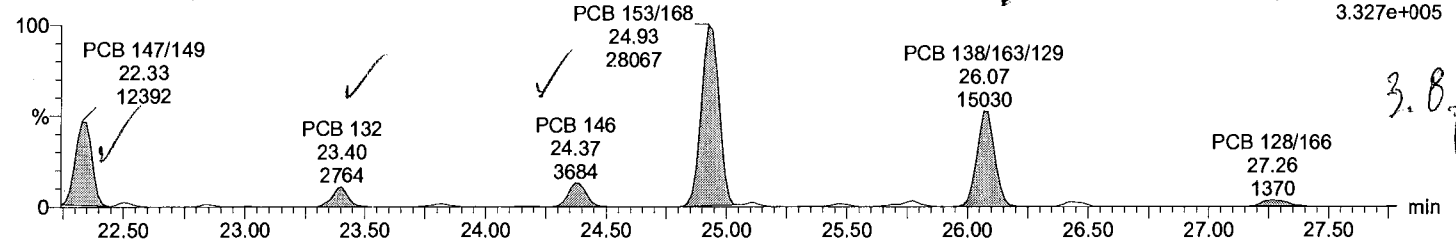
Dataset: C:\MassLynx\Default.pro\M2170608A\_M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 4:26:18 PM  
Printed: Friday, June 09, 2017 4:27:08 PM

Description: EIY570-01R  
Vial: 10  
Date: 09-Jun-2017  
Time: 01:21:07  
Instrument:

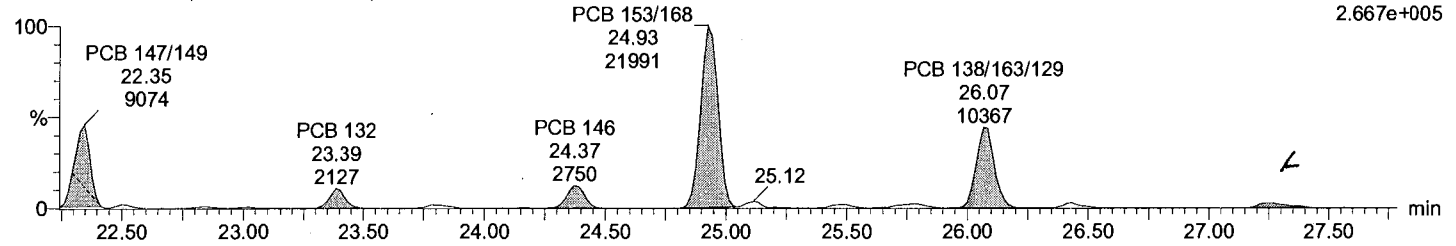
Total HxCB F5

M2170608A10 Smooth(SG,1x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13



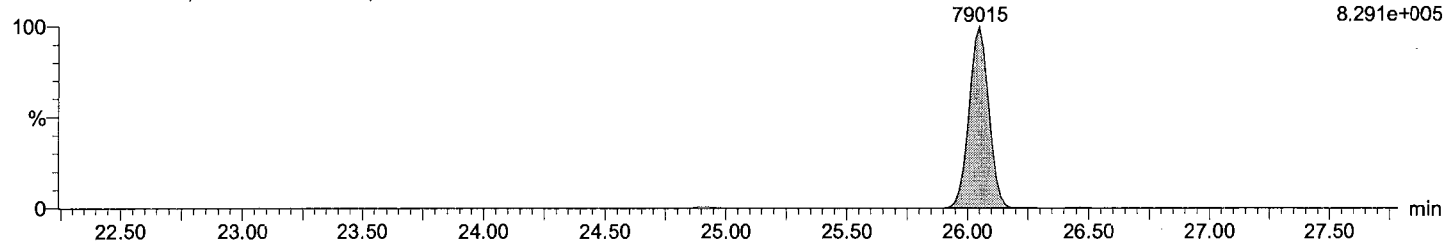
Total HxCB F5

M2170608A10 Smooth(SG,1x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13



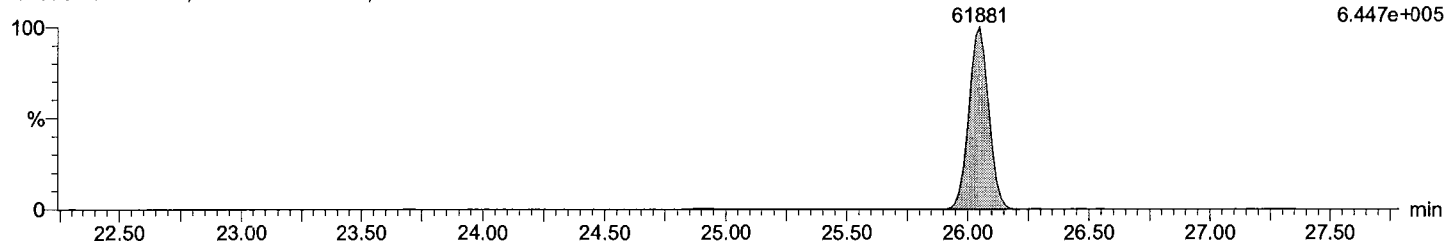
Total HxCB labeled F5

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13



Total HxCB labeled F5

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

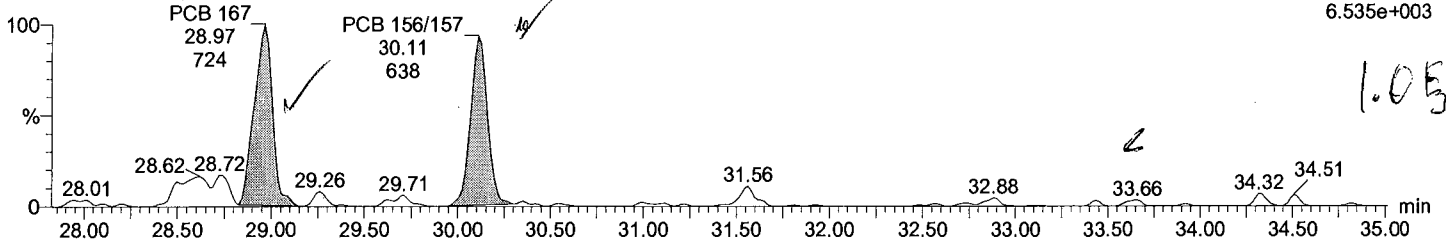
Last Altered: Friday, June 09, 2017 4:26:18 PM  
Printed: Friday, June 09, 2017 4:27:08 PM

Description: EIY570-01R  
Vial: 10  
Date: 09-Jun-2017  
Time: 01:21:07  
Instrument:

**Total HxCB F6**

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

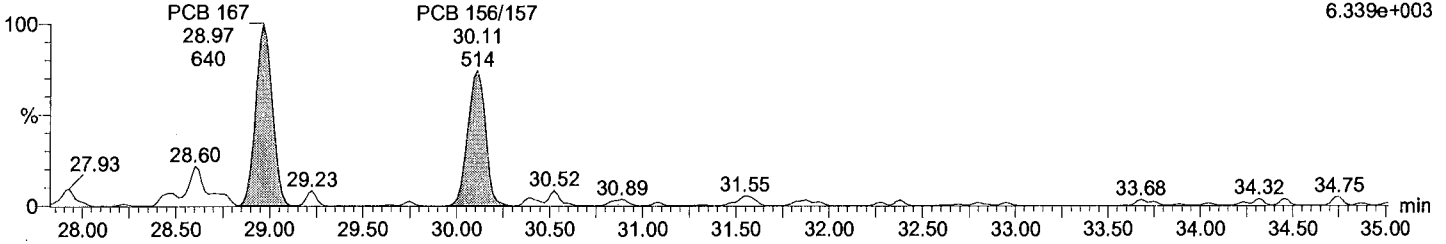
F6:Voltage SIR,EI+  
359.8415  
6.535e+003



**Total HxCB F6**

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

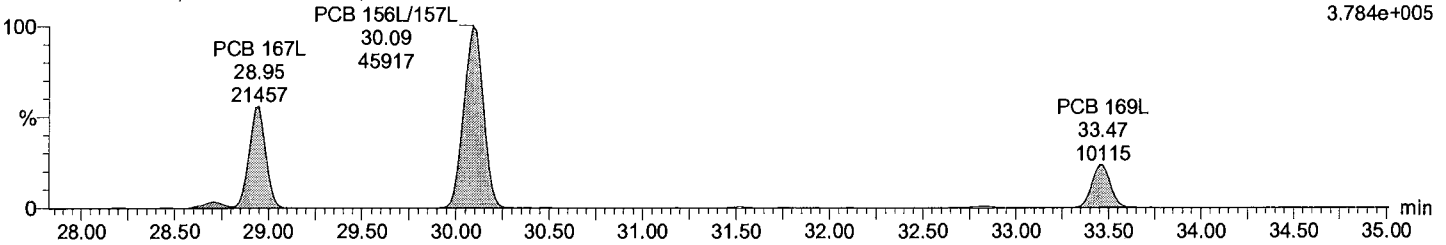
F6:Voltage SIR,EI+  
361.8385  
6.339e+003



**Total HxCB labeled F6**

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

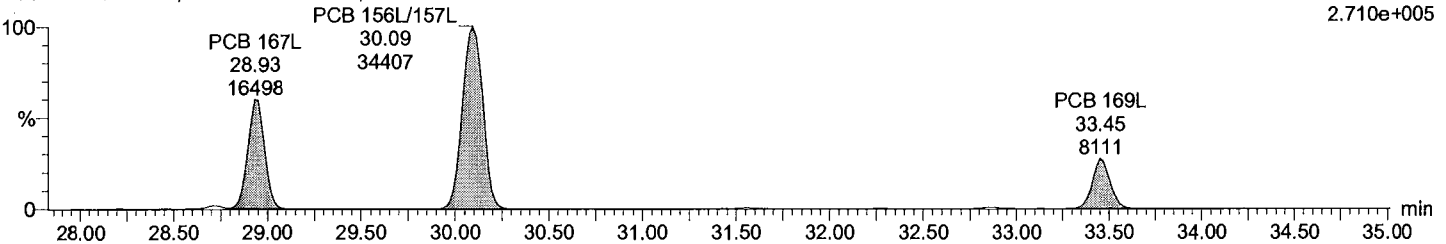
F6:Voltage SIR,EI+  
371.8817  
3.784e+005



**Total HxCB labeled F6**

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

F6:Voltage SIR,EI+  
373.8788  
2.710e+005



Dataset: C:\MassLynx\Default.pro\M2170608A\_M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 4:26:18 PM

Printed: Friday, June 09, 2017 4:27:08 PM

Description: EIY570-01R

Vial: 10

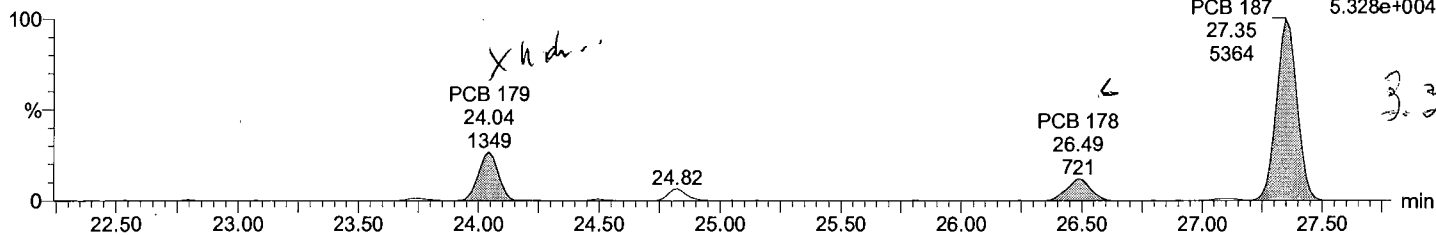
Date: 09-Jun-2017

Time: 01:21:07

Instrument:

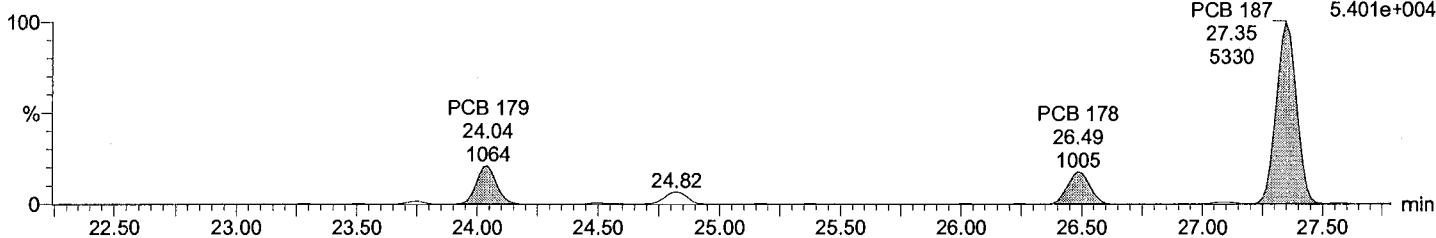
Total HpCB F5

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3



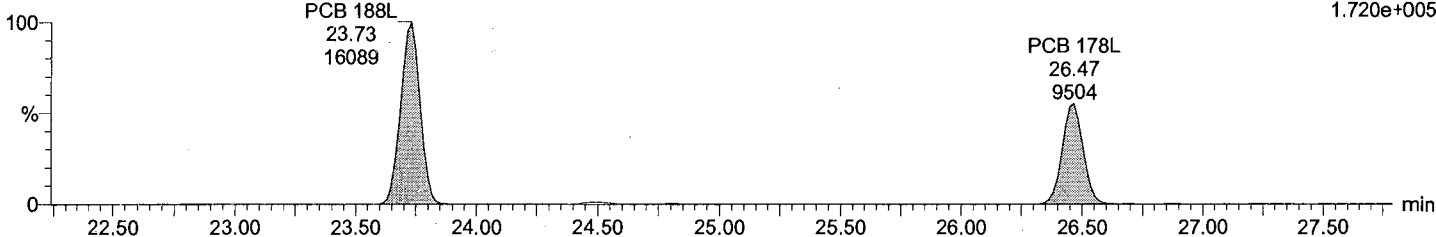
Total HpCB F5

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3



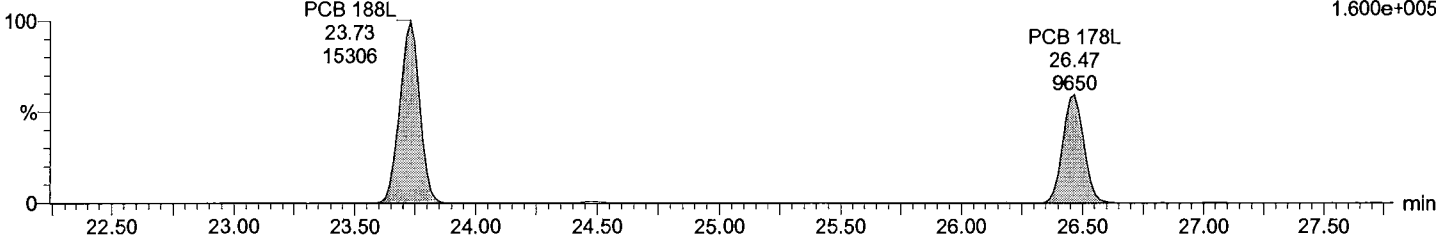
Total HpCB labeled F5

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3



Total HpCB labeled F5

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

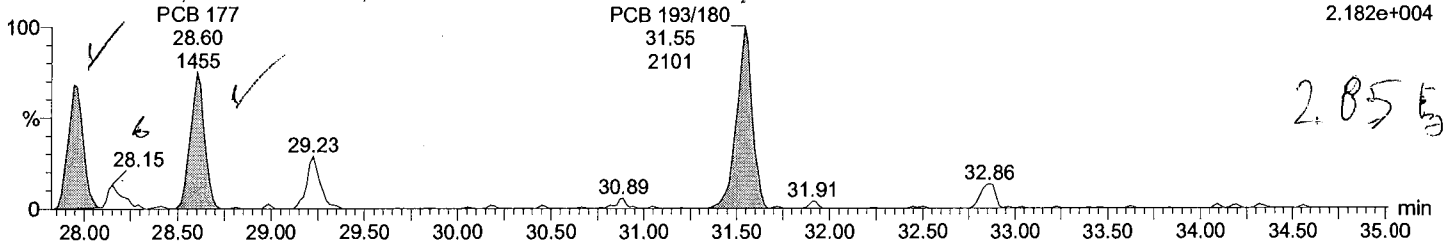
Last Altered: Friday, June 09, 2017 4:26:18 PM  
Printed: Friday, June 09, 2017 4:27:08 PM

Description: EIY570-01R  
Vial: 10  
Date: 09-Jun-2017  
Time: 01:21:07  
Instrument:

Total HpCB F6

M2170608A10 Smooth(SG,1x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

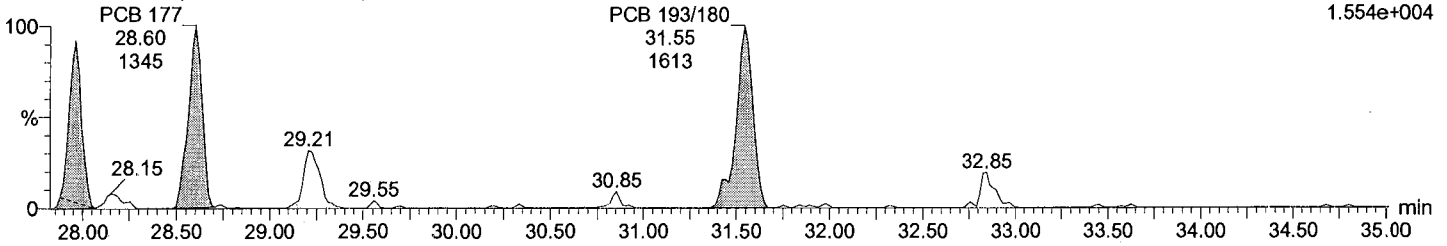
F6:Voltage SIR,EI+  
393.8025  
2.182e+004



Total HpCB F6

M2170608A10 Smooth(SG,1x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

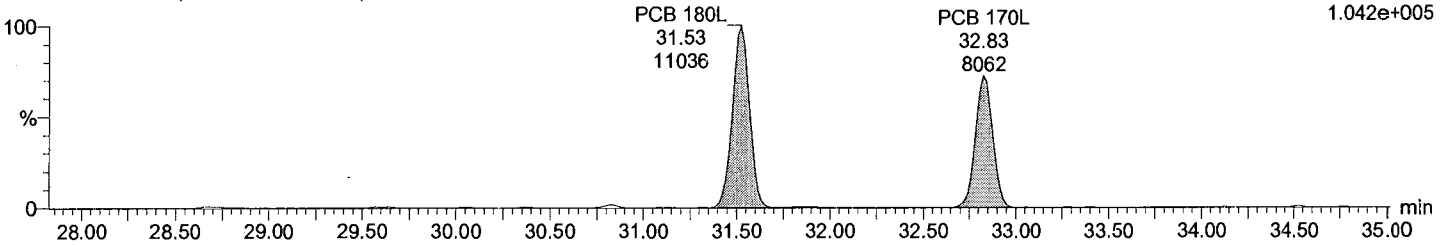
F6:Voltage SIR,EI+  
395.7995  
1.554e+004



Total HpCB labeled F6

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

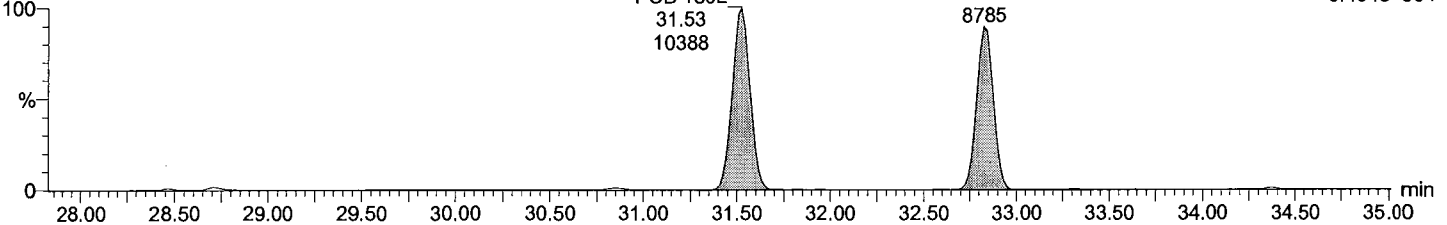
F6:Voltage SIR,EI+  
405.8428  
1.042e+005



Total HpCB labeled F6

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

F6:Voltage SIR,EI+  
407.8398  
9.484e+004





Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 4:26:18 PM

Printed: Friday, June 09, 2017 4:27:08 PM

Description: EIY570-01R

Vial: 10

Date: 09-Jun-2017

Time: 01:21:07

Instrument:

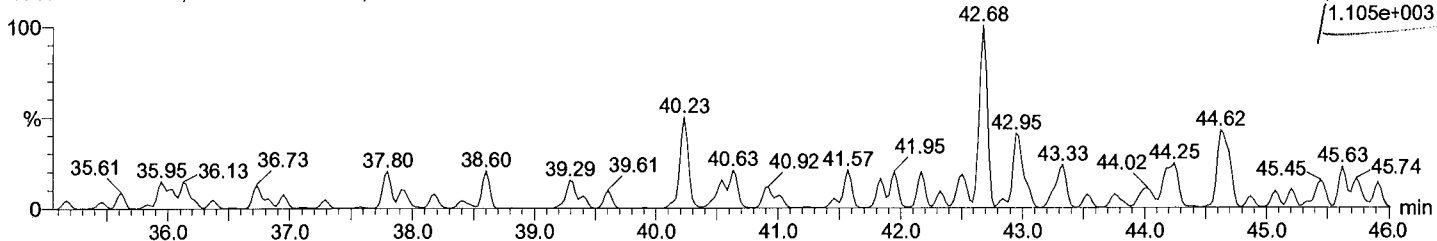
Total HpCB F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

F7:Voltage SIR,EI+

393.8025

1.105e+003



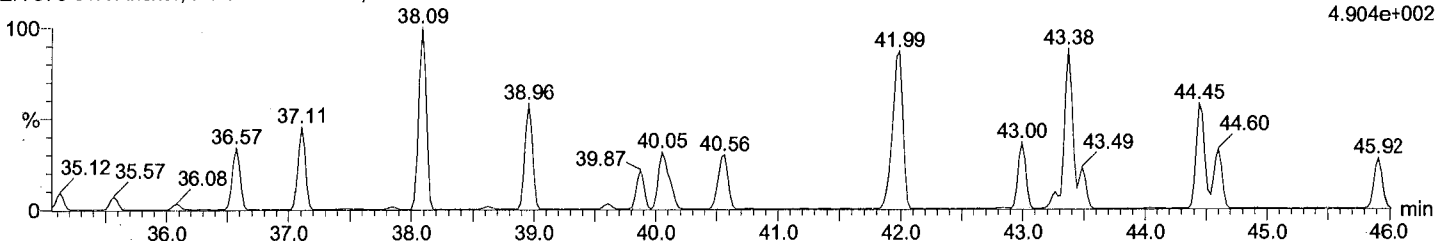
Total HpCB F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

F7:Voltage SIR,EI+

395.7996

4.904e+002



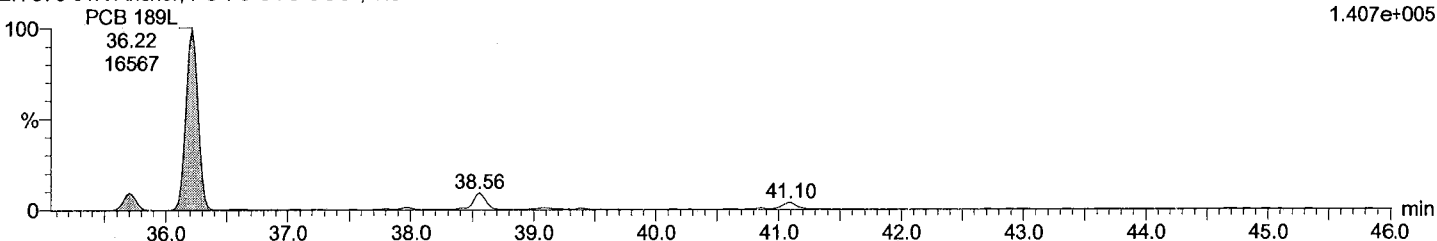
Total HpCB labeled F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

F7:Voltage SIR,EI+

405.8428

1.407e+005



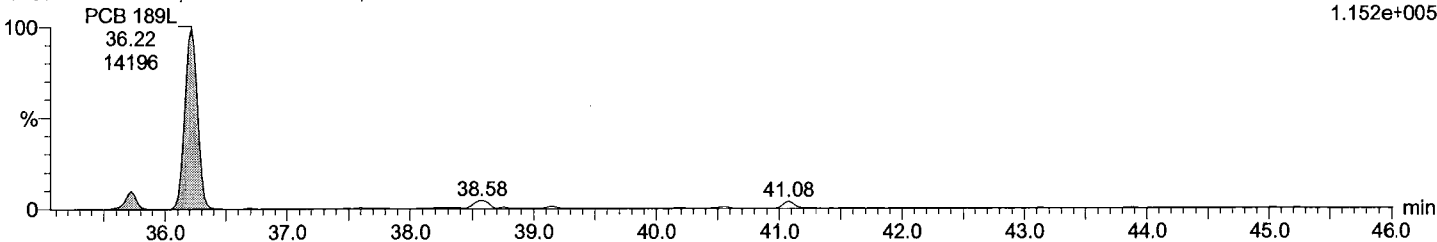
Total HpCB labeled F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

F7:Voltage SIR,EI+

407.8398

1.152e+005



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

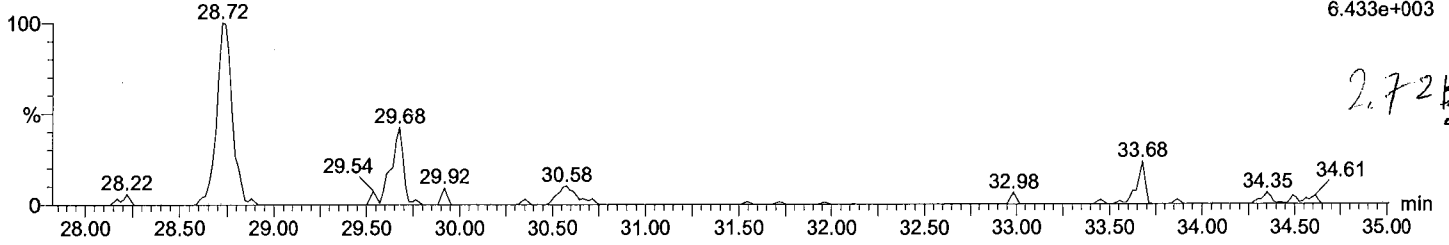
Last Altered: Friday, June 09, 2017 4:26:18 PM  
Printed: Friday, June 09, 2017 4:27:08 PM

Description: EIY570-01R  
Vial: 10  
Date: 09-Jun-2017  
Time: 01:21:07  
Instrument:

Total OcCB F6

M2170608A10 Smooth(SG,1x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

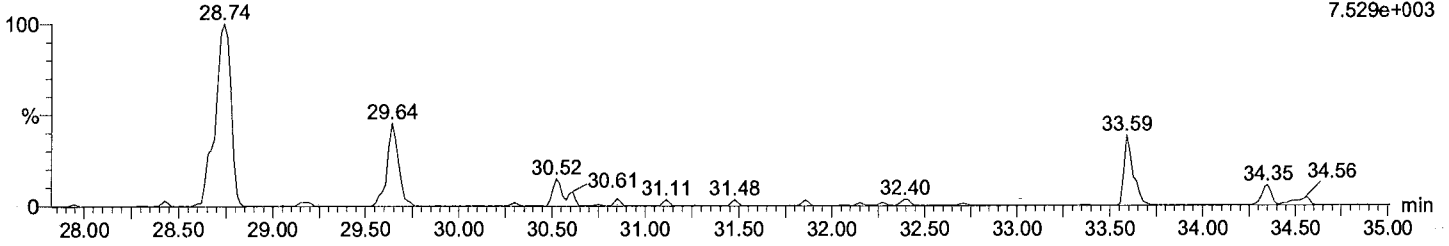
F6:Voltage SIR,EI+  
427.7635  
6.433e+003



Total OcCB F6

M2170608A10 Smooth(SG,1x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

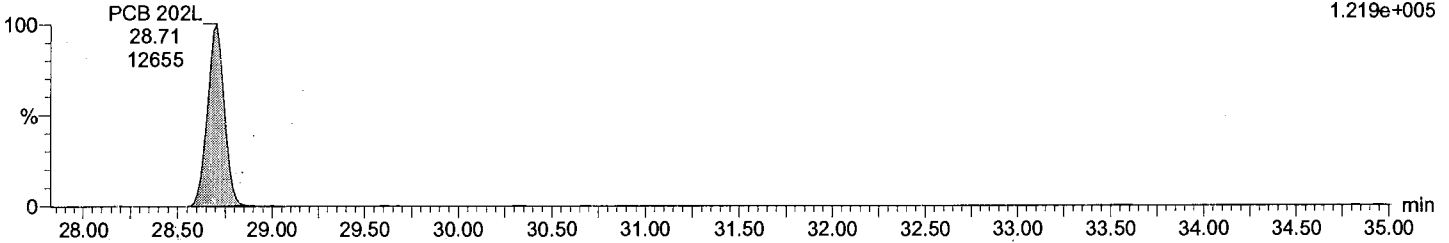
F6:Voltage SIR,EI+  
429.7606  
7.529e+003



Total OcCB labeled F6

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

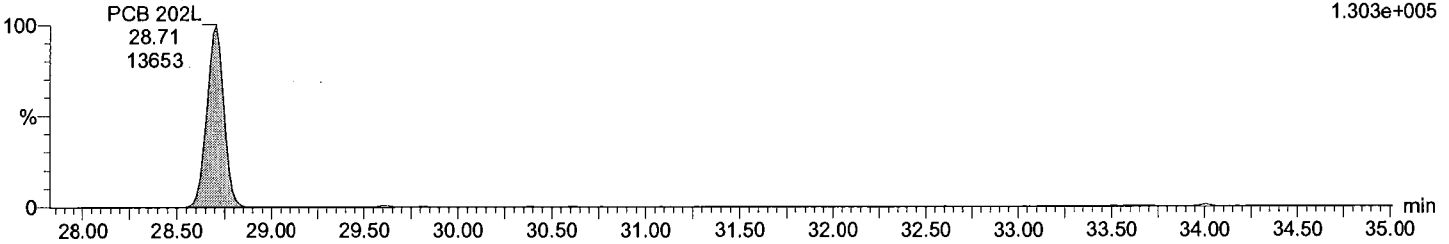
F6:Voltage SIR,EI+  
439.8038  
1.219e+005



Total OcCB labeled F6

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

F6:Voltage SIR,EI+  
441.8008  
1.303e+005



Dataset: C:\MassLynx\Default.pro\M2170608A\_M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 4:26:18 PM  
Printed: Friday, June 09, 2017 4:27:08 PM

Description: EIY570-01R

Vial: 10

Date: 09-Jun-2017

Time: 01:21:07

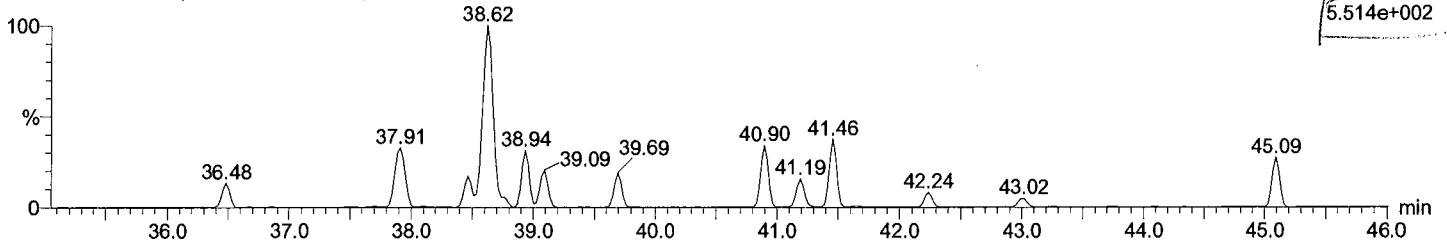
Instrument:

Total OcCB F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

F7:Voltage SIR,EI+

427.7635  
5.514e+002

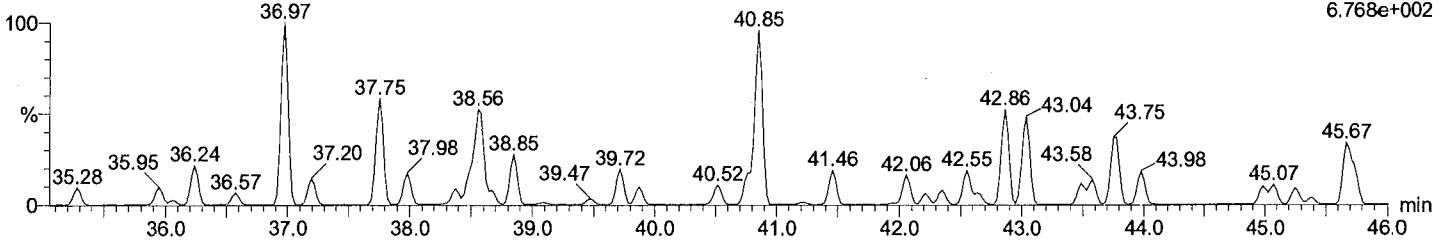


Total OcCB F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

F7:Voltage SIR,EI+

429.7606  
6.768e+002

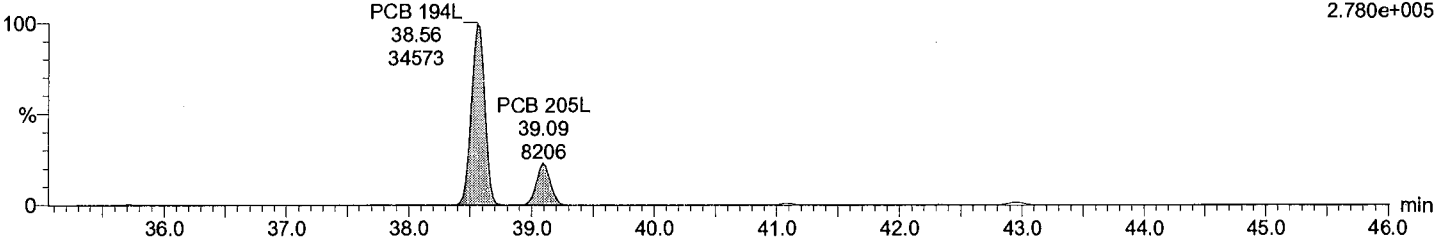


Total OcCB labeled F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

F7:Voltage SIR,EI+

439.8038  
2.780e+005

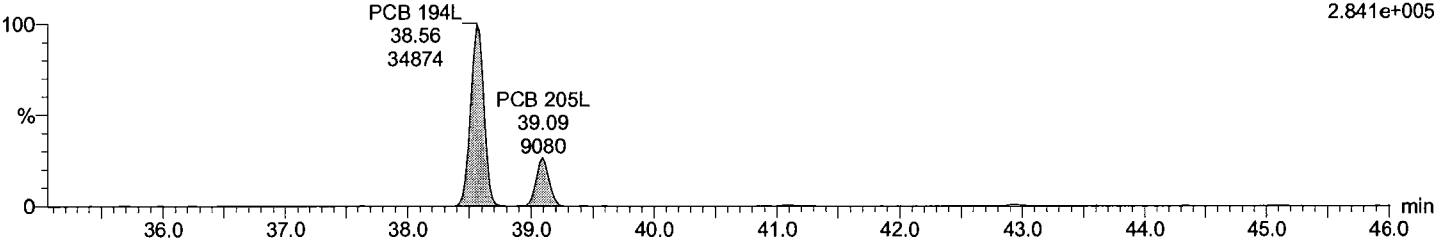


Total OcCB labeled F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

F7:Voltage SIR,EI+

441.8008  
2.841e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 4:26:18 PM

Printed: Friday, June 09, 2017 4:27:08 PM

Description: EIY570-01R

Vial: 10

Date: 09-Jun-2017

Time: 01:21:07

Instrument:

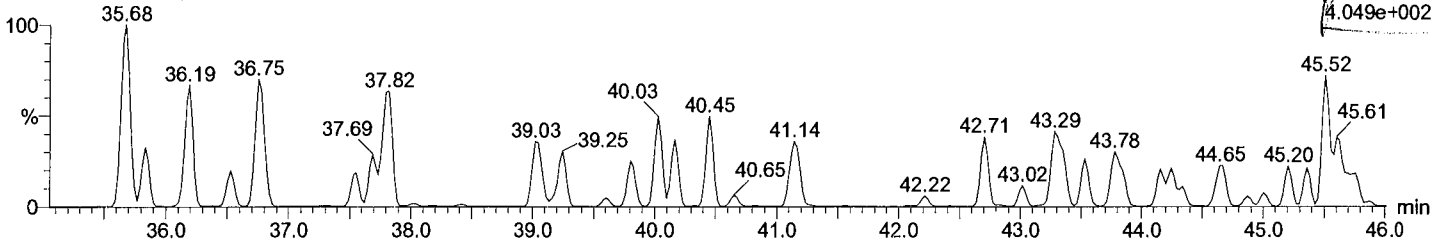
Total NoCB F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

F7:Voltage SIR,EI+

461.7246

4.049e+002



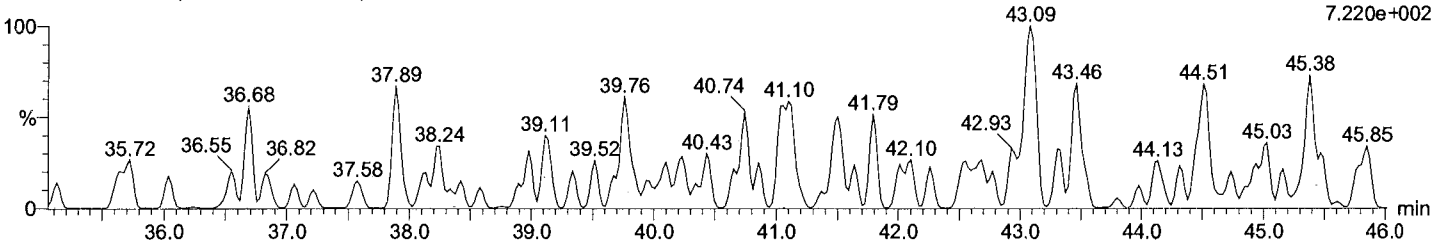
Total NoCB F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

F7:Voltage SIR,EI+

463.7216

7.220e+002



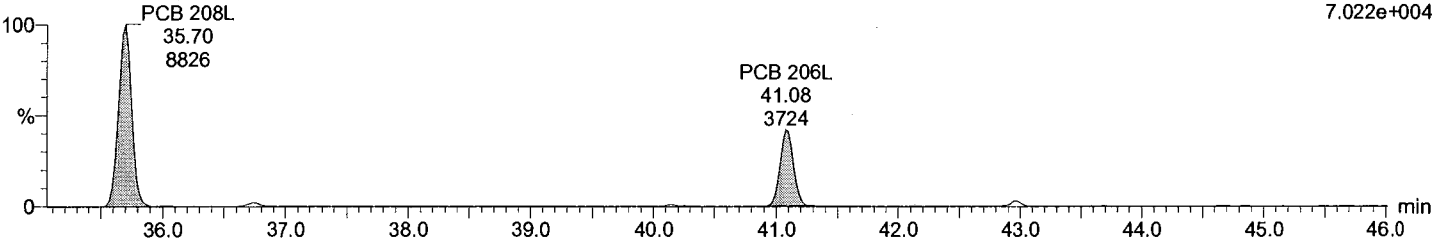
Total NoCB labeled F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

F7:Voltage SIR,EI+

473.7648

7.022e+004



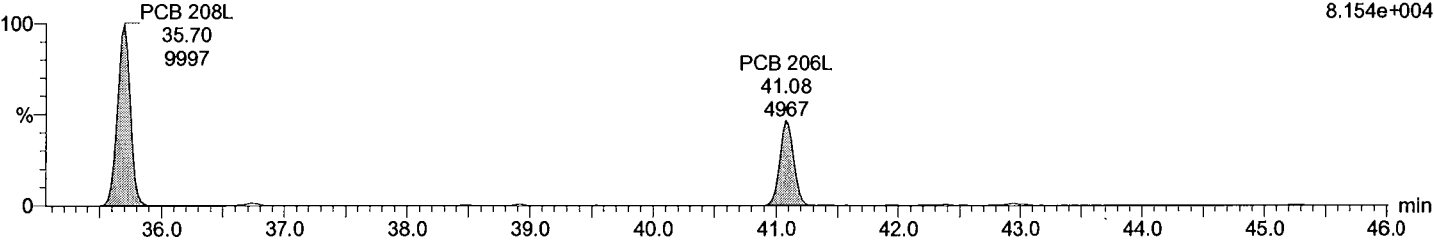
Total NoCB labeled F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

F7:Voltage SIR,EI+

475.7619

8.154e+004



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 4:26:18 PM  
Printed: Friday, June 09, 2017 4:27:08 PM

Description: EIY570-01R

Vial: 10

Date: 09-Jun-2017

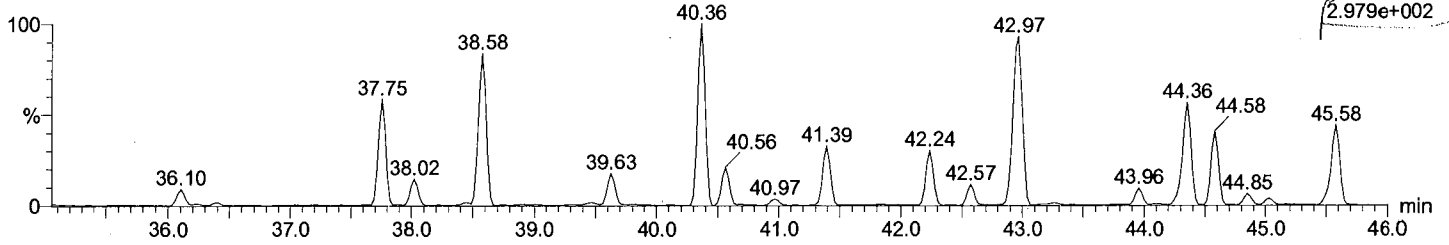
Time: 01:21:07

Instrument:

Total DeCB F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

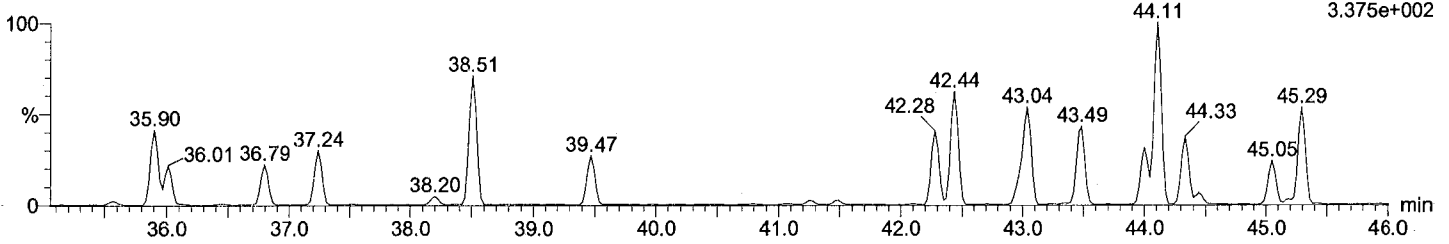
F7:Voltage SIR,EI+  
497.6826  
2.979e+002



Total DeCB F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

F7:Voltage SIR,EI+  
499.6797  
3.375e+002

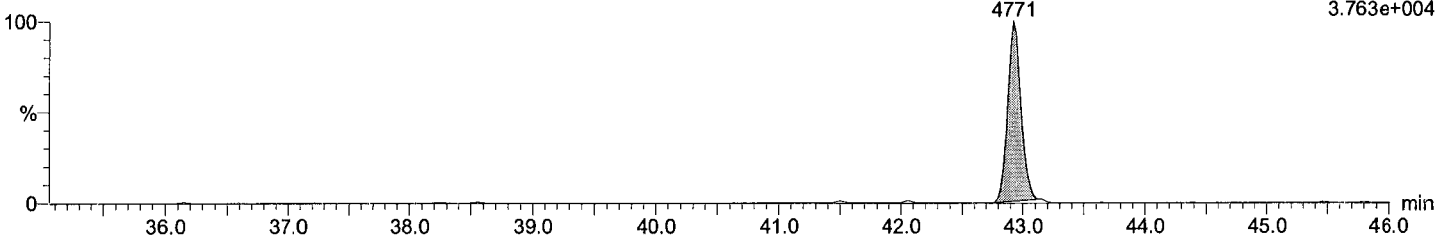


Total DeCB labeled F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

PCB 209L  
42.93  
4771

F7:Voltage SIR,EI+  
509.7229  
3.763e+004

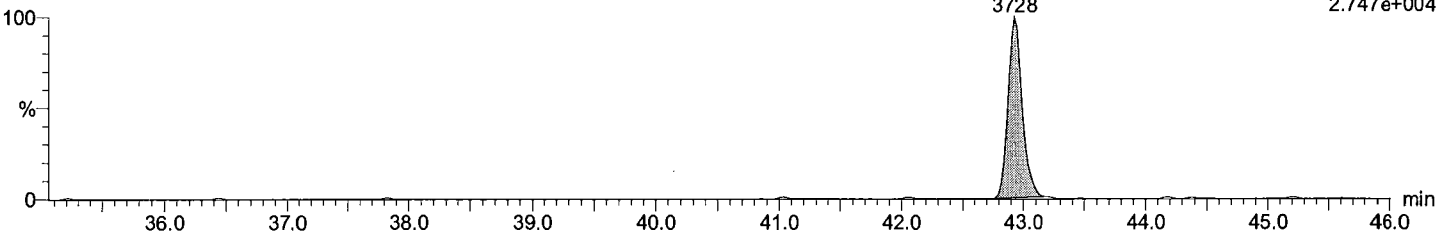


Total DeCB labeled F7

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

PCB 209L  
42.93  
3728

F7:Voltage SIR,EI+  
511.7199  
2.747e+004



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 4:26:18 PM

Printed: Friday, June 09, 2017 4:27:08 PM

Description: EIY570-01R

Vial: 10

Date: 09-Jun-2017

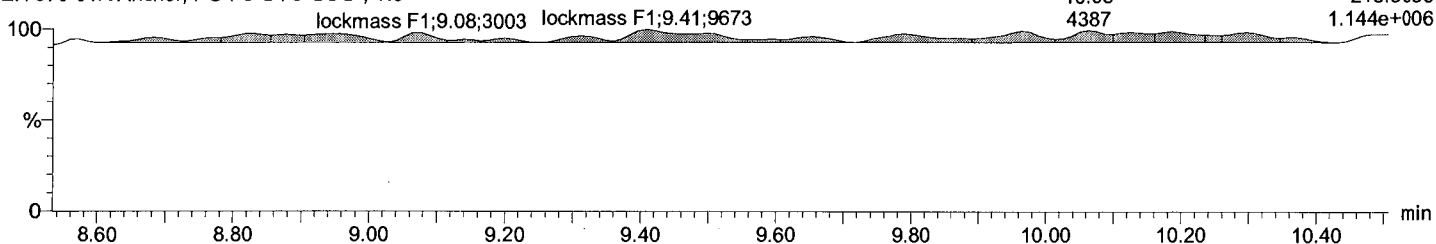
Time: 01:21:07

Instrument:

lockmass F1

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

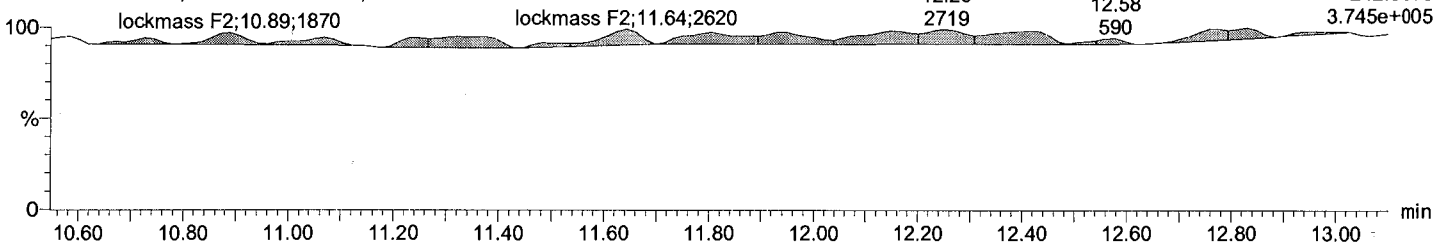
lockmass F1  
10.06  
4387  
F1:Voltage SIR,EI+  
218.9856  
1.144e+006



lockmass F2

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

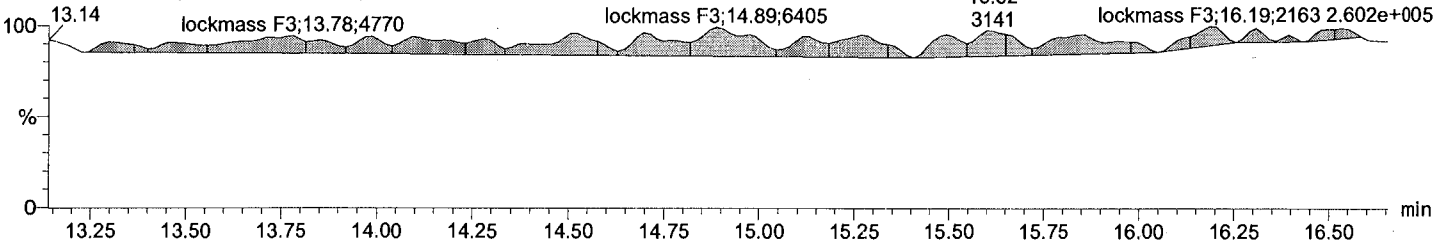
lockmass F2  
12.26  
2719  
lockmass F2  
12.58  
590  
F2:Voltage SIR,EI+  
242.9856  
3.745e+005



lockmass F3

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

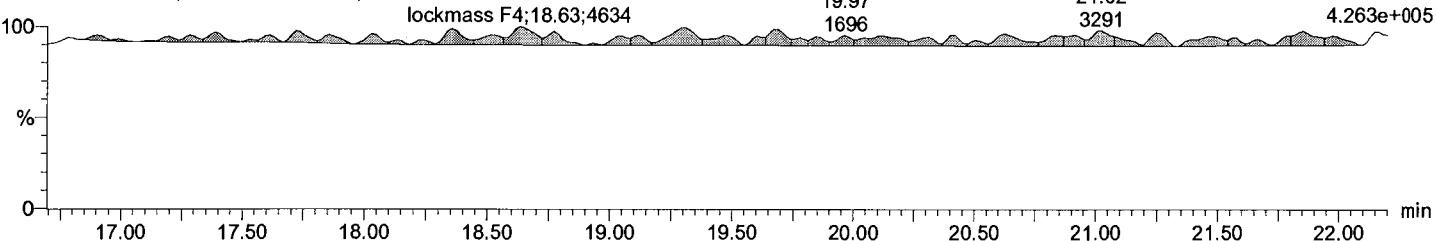
lockmass F3  
15.62  
3141  
lockmass F3;16.19;2163 2.602e+005  
F3:Voltage SIR,EI+  
292.9824



lockmass F4

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, TI3

lockmass F4  
19.97  
1696  
lockmass F4  
21.02  
3291  
F4:Voltage SIR,EI+  
330.9792  
4.263e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 4:26:18 PM

Printed: Friday, June 09, 2017 4:27:08 PM

Description: EIY570-01R

Vial: 10

Date: 09-Jun-2017

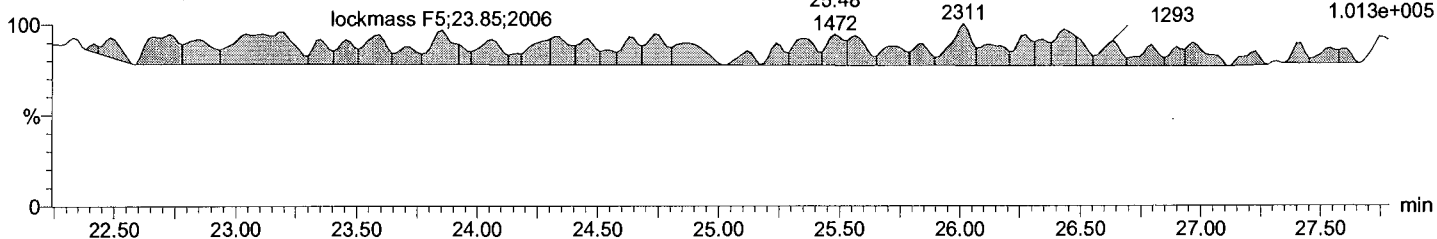
Time: 01:21:07

Instrument:

lockmass F5

M2170608A10 Smooth(SG,3x1)

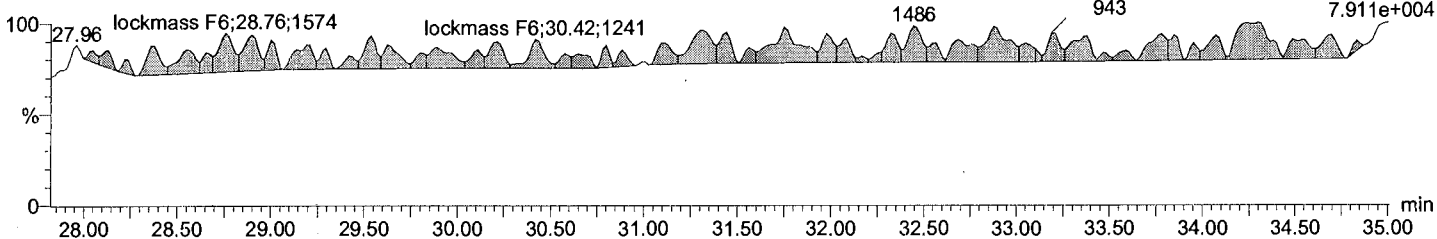
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13



lockmass F6

M2170608A10 Smooth(SG,3x1)

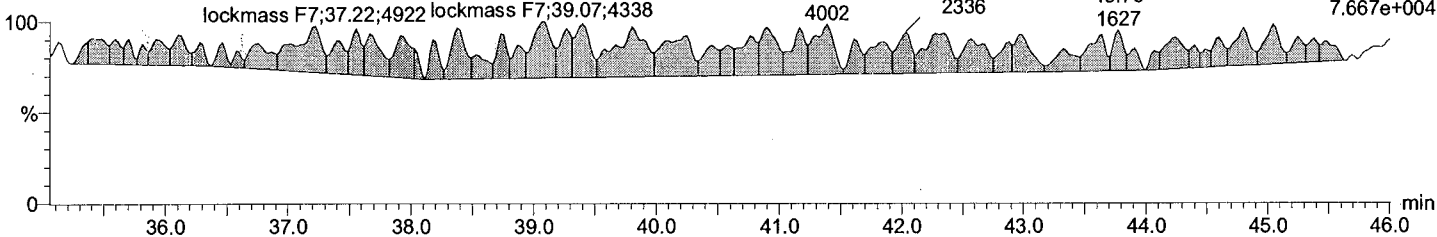
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13



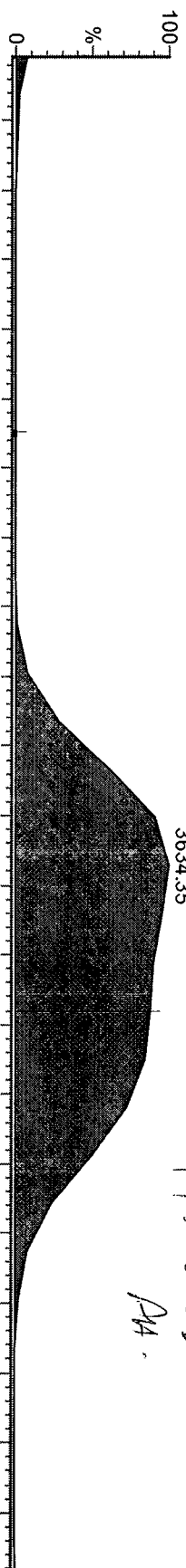
lockmass F7

M2170608A10 Smooth(SG,3x1)

EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

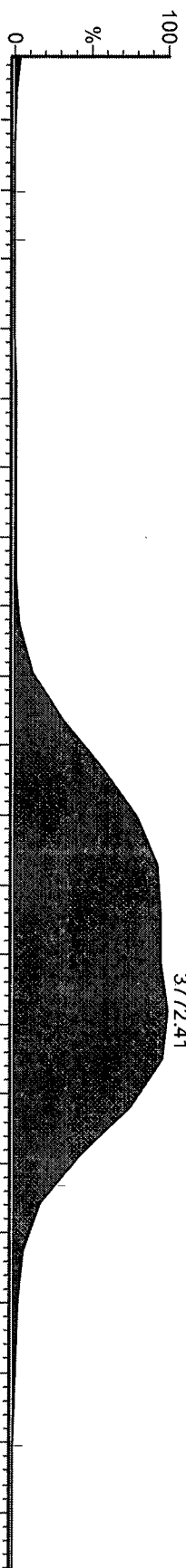


M2170608A10 Smooth(SG,2x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13



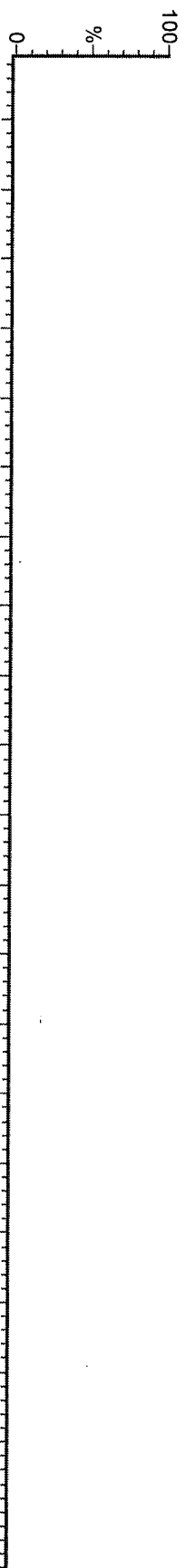
Before  
17.05.09  
AM.

M2170608A10 Smooth(SG,2x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13

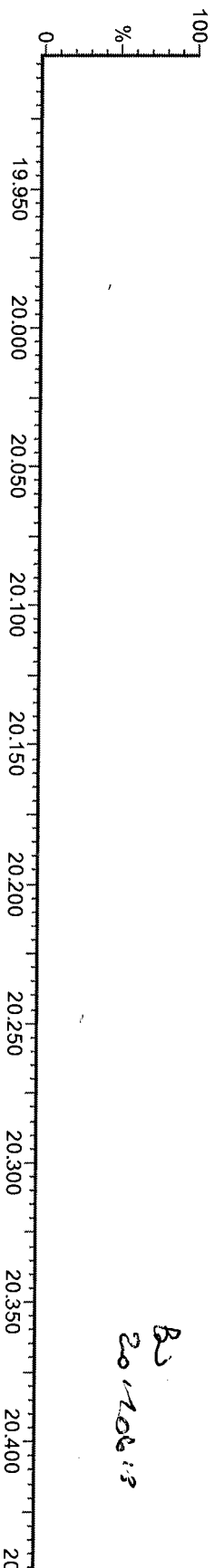


PCB 109/119/86/97/125/87  
20.25  
3772.41

M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13



M2170608A10 Smooth(SG,3x1)  
EIY570-01R Anchor, PG-PJ-OYS-COC\*, T13



BS  
20.12.08.13



M2170608A10 Smooth(SG,2x1)  
E1Y570-01R Anchor, PG-PJ-OYS-COC\*, T13

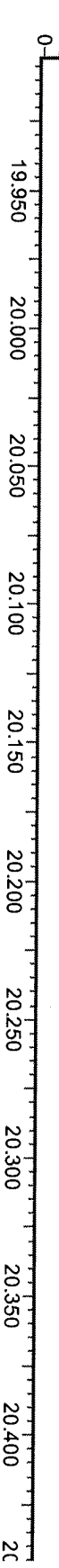
PCB 109/119/86/97/125/87:20.19:5637.82:1.49 -3.58%

M2170608A10 Smooth(SG,2x1)  
E1Y570-01R Anchor, PG-PJ-OYS-COC\*, T13

PCB 109/119/86/97/125/87  
20.25  
3772.41

M2170608A10 Smooth(SG,3x1)  
E1Y570-01R Anchor, PG-PJ-OYS-COC\*, T13

M2170608A10 Smooth(SG,3x1)  
E1Y570-01R Anchor, PG-PJ-OYS-COC\*, T13



Sample ID EIY573-01R

Comments

Instrument File Ultima 2  
 Sample Size 10.02

Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	Isomers	DL	S/N	Mod	rrf	Rec
1 PCB 1	188	NotFnd	*	*	*	-0.00115			-0.00115	*	no	1.096	-
	MoCB 190	8.81	*	no						*			
2 PCB 2	188	NotFnd	*	*	*	-0.00094			-0.00094	*	no	1.339	-
	MoCB 190	9.92	*	no						*			
3 PCB 3	188	NotFnd	*	*	*	-0.00114			-0.00114	*	no	1.102	-
	MoCB 190	10.01	*	no						*			
4 PCB 4	222	NotFnd	*	*	*	-0.01909			-0.01909	*	no	1.044	-
	DiCB 224	10.12	*	no						*			
5 PCB 10	222	NotFnd	*	*	*	-0.01975			-0.01975	*	no	1.009	-
	DiCB 224	10.21	*	no						*			
6 PCB 9	222	NotFnd	*	*	*	-0.01578			-0.01578	*	no	1.696	-
	DiCB 224	11.01	*	no						*			
7 PCB 7	222	NotFnd	*	*	*	-0.01578			-0.01578	*	no	1.696	-
	DiCB 224	11.08	*	no						*			
8 PCB 6	222	NotFnd	*	*	*	-0.01543			-0.01543	*	no	1.735	-
	DiCB 224	11.19	*	no						*			
9 PCB 5	222	NotFnd	*	*	*	-0.0192			-0.0192	*	no	1.394	-
	DiCB 224	11.31	*	no						*			
10 PCB 8	222	NotFnd	*	*	*	-0.01367			-0.01367	*	no	1.958	-
	DiCB 224	11.38	*	no						*			
11 PCB 14	222	NotFnd	*	*	*	-0.01518			-0.01518	*	no	1.764	-
	DiCB 224	12.06	*	no						*			
12 PCB 11	222	12.42	-2413	1.56	-3959.79	-0.01561			-0.01561	*	Op-O	1.715	-
	DiCB 224	12.41	-1546.79	OK						*			
13 PCB 13/12	222	NotFnd	*	*	*	-0.01662			-0.01662	*	no	1.611	-
	DiCB 224	12.55	*	no						*			
14 PCB 15	222	NotFnd	*	*	*	-0.02721			-0.02721	*	no	0.984	-
	DiCB 224	12.70	*	no						*			
15 PCB 19	256	NotFnd	*	*	*	-0.01883			-0.01883	*	no	1.004	-
	TriCB 258	11.50	*	no						*			
16 PCB 30/18	256	NotFnd	*	*	*	-0.02119			-0.02119	*	no	0.892	-
	TriCB 258	12.27	*	no						*			
17 PCB 17	256	NotFnd	*	*	*	-0.02644			-0.02644	*	no	0.715	-
	TriCB 258	12.47	*	no						*			
18 PCB 27	256	NotFnd	*	*	*	-0.01846			-0.01846	*	no	1.024	-
	TriCB 258	12.56	*	no						*			
19 PCB 24	256	NotFnd	*	*	*	-0.0183			-0.0183	*	no	1.033	-
	TriCB 258	12.63	*	no						*			
20 PCB 16	256	NotFnd	*	*	*	-0.03444			-0.03444	*	no	0.549	-
	TriCB 258	12.68	*	no						*			
21 PCB 32	256	NotFnd	*	*	*	-0.01666			-0.01666	*	no	1.135	-
	TriCB 258	12.93	*	no						*			
22 PCB 34	256	NotFnd	*	*	*	-0.00228			-0.00228	*	no	1.744	-
	TriCB 258	13.49	*	no						*			
23 PCB 23	256	NotFnd	*	*	*	-0.00246			-0.00246	*	no	1.621	-
	TriCB 258	13.57	*	no						*			
24 PCB 26/29	256	NotFnd	*	*	*	-0.00224			-0.00224	*	no	1.78	-
	TriCB 258	13.73	*	no						*			
25 PCB 25	256	NotFnd	*	*	*	-0.00231			-0.00231	*	no	1.724	-
	TriCB 258	13.84	*	no						*			
26 PCB 31	256	13.99	1132	1.1	2167	0.005463			-0.00214	10	no	1.861	-
	TriCB 258	14.01	1035	yes						9			
27 PCB 28/20	256	14.14	-898	1.04	-1761.46	-0.00468	PCB 28/20 NDR		-0.00224	7	xL	1.776	-
	TriCB 258	14.15	-863.462	OK						8			
28 PCB 21/33	256	14.27	371	0.95	762	-0.00246			-0.00246	*	yes	1.62	-
	TriCB 258	14.25	391	no						*			
29 PCB 22	256	NotFnd	*	*	*	-0.00247			-0.00247	*	no	1.614	-
	TriCB 258	14.50	*	no						*			
30 PCB 36	256	NotFnd	*	*	*	-0.002			-0.002	*	no	1.988	-
	TriCB 258	15.30	*	no						*			
31 PCB 39	256	NotFnd	*	*	*	-0.00225			-0.00225	*	no	1.774	-
	TriCB 258	15.49	*	no						*			
32 PCB 38	256	NotFnd	*	*	*	-0.00254			-0.00254	*	no	1.57	-
	TriCB 258	15.85	*	no						*			
33 PCB 35	256	NotFnd	*	*	*	-0.0024			-0.0024	*	no	1.661	-
	TriCB 258	16.11	*	no						*			
34 PCB 37	256	NotFnd	*	*	*	-0.00415			-0.00415	*	no	0.959	-
	TriCB 258	16.36	*	no						*			
35 PCB 54	290	NotFnd	*	*	*	-0.0011			-0.0011	*	no	0.927	-
	TCB 292	12.86	*	no						*			
36 PCB 53/50	290	NotFnd	*	*	*	-0.00668			-0.00668	*	no	0.851	-
	TCB 292	13.87	*	no						*			
37 PCB 45/51	290	NotFnd	*	*	*	-0.00708			-0.00708	*	no	0.803	-
	TCB 292	14.22	*	no						*			
38 PCB 46	290	NotFnd	*	*	*	-0.00865			-0.00865	*	no	0.657	-
	TCB 292	14.36	*	no						*			
39 PCB 52	290	15.08	881	0.87	1892	0.00929			-0.00683	5	yes	0.832	-
	TCB 292	15.09	1011	yes						5			
40 PCB 73	290	NotFnd	*	*	*	-0.00492			-0.00492	*	no	1.155	-
	TCB 292	15.15	*	no						*			
41 PCB 43	290	NotFnd	*	*	*	-0.00959			-0.00959	*	no	0.593	-
	TCB 292	15.22	*	no						*			
42 PCB 69/49	290	15.36	843	0.77	1931	0.008353			-0.00602	5	yes	0.944	-
	TCB 292	15.35	1088	yes						5			

43 PCB 48	290	NotFnd	*	*	*	-0.00708		-0.00708	*	no	0.803	-
	TCB 292	15.51	*	no					*			
44 PCB 44/47/65	290	15.67	-1056.44	0.77	-2428.44	-0.01109	PCB 44/47/65 NDR	-0.00637	7	xL	0.893	-
	TCB 292	15.68	-1372	OK					5			
45 PCB 59/62/75	290	NotFnd	*	*	*	-0.0052		-0.0052	*	no	1.094	-
	TCB 292	15.85	*	no					*			
46 PCB 42	290	NotFnd	*	*	*	-0.00831		-0.00831	*	no	0.684	-
	TCB 292	15.96	*	no					*			
47 PCB 40/41/71	290	NotFnd	*	*	*	-0.0072		-0.0072	*	no	0.79	-
	TCB 292	16.24	*	no					*			
48 PCB 64	290	NotFnd	*	*	*	-0.00565		-0.00565	*	no	1.006	-
	TCB 292	16.37	*	no					*			
49 PCB 72	290	NotFnd	*	*	*	-0.00315		-0.00315	*	no	1.674	-
	TCB 292	16.87	*	no					*			
50 PCB 68	290	NotFnd	*	*	*	-0.00312		-0.00312	*	no	1.686	-
	TCB 292	17.04	*	no					*			
51 PCB 57	290	NotFnd	*	*	*	-0.00345		-0.00345	*	no	1.529	-
	TCB 292	17.29	*	no					*			
52 PCB 58	290	NotFnd	*	*	*	-0.00353		-0.00353	*	no	1.493	-
	TCB 292	17.46	*	no					*			
53 PCB 67	290	NotFnd	*	*	*	-0.0033		-0.0033	*	no	1.598	-
	TCB 292	17.58	*	no					*			
54 PCB 63	290	NotFnd	*	*	*	-0.00341		-0.00341	*	no	1.543	-
	TCB 292	17.75	*	no					*			
55 PCB 61/70/74/76	290	17.98	1650	0.88	3531	0.010017		-0.00366	6	no	1.439	-
	TCB 292	17.96	1881	yes					5			
56 PCB 66	290	NotFnd	*	*	*	-0.00356		-0.00356	*	no	1.48	-
	TCB 292	18.19	*	no					*			
57 PCB 55	290	NotFnd	*	*	*	-0.004		-0.004	*	no	1.317	-
	TCB 292	18.30	*	no					*			
58 PCB 56	290	NotFnd	*	*	*	-0.00393		-0.00393	*	no	1.34	-
	TCB 292	18.65	*	no					*			
59 PCB 60	290	NotFnd	*	*	*	-0.00427		-0.00427	*	no	1.235	-
	TCB 292	18.80	*	no					*			
60 PCB 80	290	NotFnd	*	*	*	-0.0035		-0.0035	*	no	1.505	-
	TCB 292	19.07	*	no					*			
61 PCB 79	290	NotFnd	*	*	*	-0.00343		-0.00343	*	no	1.536	-
	TCB 292	20.20	*	no					*			
62 PCB 78	290	NotFnd	*	*	*	-0.00396		-0.00396	*	no	1.329	-
	TCB 292	20.64	*	no					*			
63 PCB 81	290	NotFnd	*	*	*	-0.00505		-0.00505	*	no	1.044	-
	TCB 292	20.98	*	no					*			
64 PCB 77	290	NotFnd	*	*	*	-0.00512		-0.00512	*	no	1.028	-
	TCB 292	21.41	*	no					*			
65 PCB 104	326	NotFnd	*	*	*	-0.00035		-0.00035	*	no	1.063	-
	PeCB 328	15.63	*	no					*			
66 PCB 96	326	NotFnd	*	*	*	-0.00043		-0.00043	*	no	0.859	-
	PeCB 328	15.85	*	no					*			
67 PCB 103	326	NotFnd	*	*	*	-0.00497		-0.00497	*	no	0.787	-
	PeCB 328	16.99	*	no					*			
68 PCB 94	326	NotFnd	*	*	*	-0.0063		-0.0063	*	no	0.621	-
	PeCB 328	17.13	*	no					*			
69 PCB 95	326	17.41	939	1.75	1474	0.008465		-0.00561	5	yes	0.697	-
	PeCB 328	17.41	535	yes					5			
70 PCB 100/93/102/98	326	NotFnd	*	*	*	-0.00585		-0.00585	*	no	0.669	-
	PeCB 328	17.57	*	no					*			
71 PCB 88/91	326	NotFnd	*	*	*	-0.00597		-0.00597	*	no	0.655	-
	PeCB 328	17.94	*	no					*			
72 PCB 84	326	NotFnd	*	*	*	-0.00713		-0.00713	*	no	0.549	-
	PeCB 328	18.15	*	no					*			
73 PCB 89	326	NotFnd	*	*	*	-0.00638		-0.00638	*	no	0.613	-
	PeCB 328	18.44	*	no					*			
74 PCB 121	326	NotFnd	*	*	*	-0.00462		-0.00462	*	no	0.866	-
	PeCB 328	18.71	*	no					*			
75 PCB 92	326	NotFnd	*	*	*	-0.0065		-0.0065	*	no	0.602	-
	PeCB 328	18.96	*	no					*			
76 PCB 113/90/101	326	19.38	2501	1.63	4032	0.023002		-0.00557	13	no	0.702	-
	PeCB 328	19.38	1531	yes					11			
77 PCB 83/99	326	19.81	1210	1.51	2010	0.013468		-0.00654	6	yes	0.598	-
	PeCB 328	19.82	800	yes					6			
78 PCB 112	326	NotFnd	*	*	*	-0.00474		-0.00474	*	no	0.825	-
	PeCB 328	19.94	*	no					*			
79 PCB 109/119/86/97/125/	326	NotFnd	*	*	*	-0.00523		-0.00523	*	no	0.748	-
	PeCB 328	20.22	*	no					*			
80 PCB 117/116/85	326	20.75	460	1.73	727	-0.00531		-0.00531	*	yes	0.737	-
	PeCB 328	20.80	266	no					*			
81 PCB 110/115	326	20.87	-1635	1.55	-2689.84	-0.01419	PCB 110/115 NDR	-0.00514	8	xL	0.761	-
	PeCB 328	20.89	-1054.84	OK					11			
82 PCB 82	326	NotFnd	*	*	*	-0.00758		-0.00758	*	no	0.516	-
	PeCB 328	21.13	*	no					*			
83 PCB 111	326	NotFnd	*	*	*	-0.00461		-0.00461	*	no	0.848	-
	PeCB 328	21.42	*	no					*			
84 PCB 120	326	NotFnd	*	*	*	-0.00434		-0.00434	*	no	0.902	-
	PeCB 328	21.80	*	no					*			
85 PCB 108/124	326	NotFnd	*	*	*	-0.00361		-0.00361	*	no	1.261	-
	PeCB 328	22.70	*	no					*			
86 PCB 107	326	NotFnd	*	*	*	-0.00328		-0.00328	*	no	1.386	-
	PeCB 328	22.93	*	no					*			
87 PCB 123	326	NotFnd	*	*	*	-0.00494		-0.00494	*	no	0.921	-
	PeCB 328	23.03	*	no					*			
88 PCB 106	326	NotFnd	*	*	*	-0.00388		-0.00388	*	no	1.173	-
	PeCB 328	23.14	*	no					*			
89 PCB 118	326	23.32	2606	1.43	4434	0.015015		-0.00441	10	no	1.032	-
	PeCB 328	23.33	1828	yes					10			

90	PCB 122	326	NotFnd	*	*	*	-0.00388		-0.00388	*	no	1.173	-
		PeCB 328	23.58	*	no	*				*			
91	PCB 114	326	NotFnd	*	*	*	-0.0044		-0.0044	*	no	1.033	-
		PeCB 328	23.77	*	no	*				*			
92	PCB 105	326	24.34	-951	1.55	-1564.55	-0.00573	PCB 105 NDR	-0.00448	4	xL	1.016	-
		PeCB 328	24.35	-613.548	OK	*				5			
93	PCB 127	326	NotFnd	*	*	*	-0.00357		-0.00357	*	no	1.275	-
		PeCB 328	25.64	*	no	*				*			
94	PCB 126	326	NotFnd	*	*	*	-0.00412		-0.00412	*	no	1.105	-
		PeCB 328	27.15	*	no	*				*			
95	PCB 155	360	NotFnd	*	*	*	-0.00591		-0.00591	*	no	0.975	-
		HxCB 362	19.24	*	no	*				*			
96	PCB 152	360	NotFnd	*	*	*	-0.00675		-0.00675	*	no	0.853	-
		HxCB 362	19.38	*	no	*				*			
97	PCB 150	360	NotFnd	*	*	*	-0.00683		-0.00683	*	no	0.843	-
		HxCB 362	19.49	*	no	*				*			
98	PCB 136	360	NotFnd	*	*	*	-0.00678		-0.00678	*	no	0.85	-
		HxCB 362	19.76	*	no	*				*			
99	PCB 145	360	NotFnd	*	*	*	-0.00747		-0.00747	*	no	0.771	-
		HxCB 362	20.01	*	no	*				*			
100	PCB 148	360	NotFnd	*	*	*	-0.00926		-0.00926	*	no	0.622	-
		HxCB 362	21.11	*	no	*				*			
101	PCB 151/135	360	NotFnd	*	*	*	-0.01016		-0.01016	*	no	0.567	-
		HxCB 362	21.59	*	no	*				*			
102	PCB 154	360	NotFnd	*	*	*	-0.00822		-0.00822	*	no	0.701	-
		HxCB 362	21.80	*	no	*				*			
103	PCB 144	360	NotFnd	*	*	*	-0.0094		-0.0094	*	no	0.613	-
		HxCB 362	22.05	*	no	*				*			
104	PCB 147/149	360	22.33	1467	1.14	2756	0.021377		-0.0148	5	yes	0.758	-
		HxCB 362	22.36	1289	yes	*				5			
105	PCB 134/143	360	NotFnd	*	*	*	-0.01833		-0.01833	*	no	0.612	-
		HxCB 362	22.59	*	no	*				*			
106	PCB 139/140	360	NotFnd	*	*	*	-0.01492		-0.01492	*	no	0.752	-
		HxCB 362	22.86	*	no	*				*			
107	PCB 131	360	NotFnd	*	*	*	-0.02022		-0.02022	*	no	0.555	-
		HxCB 362	23.03	*	no	*				*			
108	PCB 142	360	NotFnd	*	*	*	-0.01789		-0.01789	*	no	0.627	-
		HxCB 362	23.17	*	no	*				*			
109	PCB 132	360	NotFnd	*	*	*	-0.01879		-0.01879	*	no	0.597	-
		HxCB 362	23.42	*	no	*				*			
110	PCB 133	360	NotFnd	*	*	*	-0.01614		-0.01614	*	no	0.695	-
		HxCB 362	23.84	*	no	*				*			
111	PCB 165	360	NotFnd	*	*	*	-0.01291		-0.01291	*	no	0.869	-
		HxCB 362	24.17	*	no	*				*			
112	PCB 146	360	NotFnd	*	*	*	-0.01365		-0.01365	*	no	0.822	-
		HxCB 362	24.38	*	no	*				*			
113	PCB 161	360	NotFnd	*	*	*	-0.01176		-0.01176	*	no	0.954	-
		HxCB 362	24.49	*	no	*				*			
114	PCB 153/168	360	24.93	3873	1.23	7010	0.042693		-0.01163	12	no	0.965	-
		HxCB 362	24.96	3137	yes	*				12			
115	PCB 141	360	NotFnd	*	*	*	-0.0169		-0.0169	*	no	0.664	-
		HxCB 362	25.10	*	no	*				*			
116	PCB 130	360	NotFnd	*	*	*	-0.01775		-0.01775	*	no	0.632	-
		HxCB 362	25.48	*	no	*				*			
117	PCB 137	360	NotFnd	*	*	*	-0.01652		-0.01652	*	no	0.679	-
		HxCB 362	25.71	*	no	*				*			
118	PCB 164	360	NotFnd	*	*	*	-0.01138		-0.01138	*	no	0.986	-
		HxCB 362	25.80	*	no	*				*			
119	PCB 138/163/129	360	26.07	3250	1.33	5687	0.044631		-0.01498	9	no	0.749	-
		HxCB 362	26.11	2437	yes	*				9			
120	PCB 160	360	NotFnd	*	*	*	-0.01276		-0.01276	*	no	0.879	-
		HxCB 362	26.26	*	no	*				*			
121	PCB 158	360	NotFnd	*	*	*	-0.0109		-0.0109	*	no	1.029	-
		HxCB 362	26.43	*	no	*				*			
122	PCB 128/166	360	NotFnd	*	*	*	-0.01397		-0.01397	*	no	0.803	-
		HxCB 362	27.27	*	no	*				*			
123	PCB 159	360	NotFnd	*	*	*	-0.00367		-0.00367	*	no	1.249	-
		HxCB 362	28.23	*	no	*				*			
124	PCB 162	360	NotFnd	*	*	*	-0.00369		-0.00369	*	no	1.244	-
		HxCB 362	28.49	*	no	*				*			
125	PCB 167	360	NotFnd	*	*	*	-0.00415		-0.00415	*	no	1.105	-
		HxCB 362	28.98	*	no	*				*			
126	PCB 156/157	360	NotFnd	*	*	*	-0.00439		-0.00439	*	no	1.045	-
		HxCB 362	30.12	*	no	*				*			
127	PCB 169	360	NotFnd	*	*	*	-0.00442		-0.00442	*	no	1.037	-
		HxCB 362	33.49	*	no	*				*			
128	PCB 188	394	NotFnd	*	*	*	-0.00641		-0.00641	*	no	1.011	-
		HpCB 396	23.76	*	no	*				*			
129	PCB 179	394	NotFnd	*	*	*	-0.00591		-0.00591	*	no	1.097	-
		HpCB 396	24.04	*	no	*				*			
130	PCB 184	394	NotFnd	*	*	*	-0.00555		-0.00555	*	no	1.168	-
		HpCB 396	24.51	*	no	*				*			
131	PCB 176	394	NotFnd	*	*	*	-0.00611		-0.00611	*	no	1.061	-
		HpCB 396	24.82	*	no	*				*			
132	PCB 186	394	NotFnd	*	*	*	-0.00624		-0.00624	*	no	1.038	-
		HpCB 396	25.23	*	no	*				*			
133	PCB 178	394	NotFnd	*	*	*	-0.00839		-0.00839	*	no	0.772	-
		HpCB 396	26.51	*	no	*				*			
134	PCB 175	394	NotFnd	*	*	*	-0.00745		-0.00745	*	no	0.87	-
		HpCB 396	27.10	*	no	*				*			
135	PCB 187	394	27.35	1157	1.09	2221	0.019983		-0.00761	5	no	0.851	-
		HpCB 396	27.34	1065	yes	*				5			
136	PCB 182	394	NotFnd	*	*	*	-0.00802		-0.00802	*	no	0.808	-
		HpCB 396	27.55	*	no	*				*			

137 PCB 183	394	NotFnd	*	*	*	-0.00905	-0.00905	*	no	1.085	-	
	HpCB 396	27.94	*	no	*			*				
138 PCB 185	394	NotFnd	*	*	*	-0.01097	-0.01097	*	no	0.895	-	
	HpCB 396	28.03	*	no	*			*				
139 PCB 174	394	NotFnd	*	*	*	-0.01006	-0.01006	*	no	0.976	-	
	HpCB 396	28.19	*	no	*			*				
140 PCB 177	394	NotFnd	*	*	*	-0.01078	-0.01078	*	no	0.911	-	
	HpCB 396	28.60	*	no	*			*				
141 PCB 181	394	NotFnd	*	*	*	-0.01074	-0.01074	*	no	0.914	-	
	HpCB 396	29.01	*	no	*			*				
142 PCB 171/173	394	NotFnd	*	*	*	-0.01104	-0.01104	*	no	0.889	-	
	HpCB 396	29.23	*	no	*			*				
143 PCB 172	394	NotFnd	*	*	*	-0.01096	-0.01096	*	no	0.896	-	
	HpCB 396	30.87	*	no	*			*				
144 PCB 192	394	NotFnd	*	*	*	-0.00885	-0.00885	*	no	1.11	-	
	HpCB 396	31.18	*	no	*			*				
145 PCB 193/180	394	31.57	-824.25	1.05	-1609.25	-0.01095	PCB 193/180 NDR	-0.0077	4	xL	1.275	-
	HpCB 396	31.53	-785	OK	*			4				
146 PCB 191	394	NotFnd	*	*	*	-0.00782	-0.00782	*	no	1.255	-	
	HpCB 396	31.91	*	no	*			*				
147 PCB 170	394	NotFnd	*	*	*	-0.00751	-0.00751	*	no	1.308	-	
	HpCB 396	32.86	*	no	*			*				
148 PCB 190	394	NotFnd	*	*	*	-0.00844	-0.00844	*	no	1.164	-	
	HpCB 396	33.42	*	no	*			*				
149 PCB 189	394	NotFnd	-559	1.05	-1091.38	-0.0023		-0.0023	*	xL	0.93	-
	HpCB 396	36.25	-532.381	OK	*			*				
150 PCB 202	428	NotFnd	*	*	*	-0.01363	-0.01363	*	no	0.994	-	
	OcCB 430	28.74	*	no	*			*				
151 PCB 201	428	NotFnd	*	*	*	-0.01236	-0.01236	*	no	1.096	-	
	OcCB 430	29.66	*	no	*			*				
152 PCB 204	428	NotFnd	*	*	*	-0.01237	-0.01237	*	no	1.095	-	
	OcCB 430	30.34	*	no	*			*				
153 PCB 197	428	NotFnd	*	*	*	-0.01186	-0.01186	*	no	1.142	-	
	OcCB 430	30.57	*	no	*			*				
154 PCB 200	428	NotFnd	*	*	*	-0.01406	-0.01406	*	no	0.963	-	
	OcCB 430	30.69	*	no	*			*				
155 PCB 198/199	428	NotFnd	*	*	*	-0.01881	-0.01881	*	no	0.72	-	
	OcCB 430	33.62	*	no	*			*				
156 PCB 196	428	NotFnd	*	*	*	-0.0182	-0.0182	*	no	0.744	-	
	OcCB 430	34.33	*	no	*			*				
157 PCB 203	428	NotFnd	*	*	*	-0.01818	-0.01818	*	no	0.745	-	
	OcCB 430	34.52	*	no	*			*				
158 PCB 195	428	NotFnd	*	*	*	-0.01022	-0.01022	*	no	0.849	-	
	OcCB 430	35.97	*	no	*			*				
159 PCB 194	428	NotFnd	*	*	*	-0.00981	-0.00981	*	no	0.885	-	
	OcCB 430	38.59	*	no	*			*				
160 PCB 205	428	NotFnd	*	*	*	-0.0081	-0.0081	*	no	1.071	-	
	OcCB 430	39.13	*	no	*			*				
161 PCB 208	462	NotFnd	*	*	*	-0.01168	-0.01168	*	no	1.003	-	
	NoCB 464	35.74	*	no	*			*				
162 PCB 207	462	NotFnd	*	*	*	-0.00937	-0.00937	*	no	1.25	-	
	NoCB 464	36.78	*	no	*			*				
163 PCB 206	462	NotFnd	*	*	*	-0.01187	-0.01187	*	no	0.987	-	
	NoCB 464	41.08	*	no	*			*				
164 PCB 209	498	NotFnd	*	*	*	-0.0245	-0.0245	*	no	0.956	-	
	DCB 500	42.97	*	no	*			*				
165 PCB 1L	200	8.81	19187	3.42	24790	0.055568		0.001	603	no	0.978	28
	202	8.82	5603	yes					60			
166 PCB 3L	200	10.00	21665	3.28	28278	0.063106		0.001	773	no	0.983	32
	202	9.99	6613	yes					79			
167 PCB 4L	234	10.11	6384	1.43	10839	0.060065		0.001	173	no	0.396	30
	236	10.10	4454	yes					571			
168 PCB 15L	234	12.70	33788	1.62	54689	0.110946		0.001	349	no	1.081	56
	236	12.67	20902	yes					704			
169 PCB 19L	268	11.48	7843	1.15	14672	0.076299		0.003	70	no	0.422	38
	270	11.47	6830	yes					92			
170 PCB 37L	268	16.34	36282	1.06	70396	0.194273		0.006	114	no	2.072	97
	270	16.34	34114	yes					80			
171 PCB 54L	302	12.83	6980	0.72	16669	0.089841		0.001	153	no	1.061	45
	304	12.82	9690	yes					671			
172 PCB 81L	302	20.96	29527	0.82	65523	0.241586		0.001	411	no	1.551	121
	304	20.97	35997	yes					632			
173 PCB 77L	302	21.39	28582	0.8	64485	0.248649		0.001	401	no	1.483	125
	304	21.40	35904	yes					620			
174 PCB 104L	338	15.62	13786	1.53	22820	0.125737		0	2588	no	1.139	63
	340	15.61	9034	yes					6982			
175 PCB 123L	338	23.00	39182	1.78	61201	0.21587		0.001	1156	no	1.78	108
	340	23.02	22018	yes					510			
176 PCB 118L	338	23.28	35405	1.63	57135	0.210504		0.001	1035	no	1.704	105
	340	23.31	21730	yes					503			
177 PCB 114L	338	23.75	34256	1.71	54254	0.208042		0.001	984	no	1.637	104
	340	23.76	19999	yes					465			
178 PCB 105L	338	24.30	33636	1.67	53736	0.208099		0.001	970	no	1.621	104
	340	24.32	20101	yes					446			
179 PCB 126L	338	27.13	25275	1.64	40685	0.193952		0.001	682	no	1.317	97
	340	27.17	15410	yes					323			
180 PCB 155L	372	19.22	17865	1.29	31712	0.167035		0	15306	no	1.382	84
	374	19.23	13846	yes					17359			
181 PCB 167L	372	28.95	23526	1.33	41274	0.183145		0.001	889	no	1.641	92
	374	28.94	17748	yes					668			
182 PCB 156L/157L	372	30.09	49347	1.36	85732	0.37309		0.001	1506	no	1.673	93
	374	30.14	36385	yes					1097			
183 PCB 169L	372	33.45	10830	1.18	20004	0.108682		0.001	388	no	1.34	54
	374	33.48	9174	yes					346			

184 PCB 188L	406	23.73	16343	1.12	30887	0.171039	0	2571	no	1.315	86
	408	23.73	14544	yes				5942			
185 PCB 180L	406	31.53	11509	1	23074	0.27036	0.001	705	no	1.288	135
	408	31.50	11565	yes				1213			
186 PCB 170L	406	32.83	10271	1.2	18866	0.274507	0.001	660	no	1.037	138
	408	32.81	8595	yes				883			
187 PCB 189L	406	36.22	15781	1.01	31435	0.255953	0.002	330	no	1.853	128
	408	36.21	15654	yes				644			
188 PCB 202L	440	28.71	13223	0.89	28041	0.293746	0.001	3246	no	1.44	147
	442	28.69	14818	yes				1059			
189 PCB 205L	440	39.10	8421	0.78	19191	0.196706	0	1302	no	1.472	99
	442	39.10	10769	yes				1443			
190 PCB 208L	474	35.70	8814	0.83	19463	0.235025	0.001	512	no	1.25	118
	476	35.71	10649	yes				992			
191 PCB 206L	474	41.08	4490	0.87	9651	0.159656	0.001	251	yes	0.912	80
	476	41.10	5161	yes				523			
192 PCB 209L	510	42.93	5365	1.22	9752	0.147976	0	1265	no	0.994	74
	512	42.96	4388	yes				612			
193 PCB 28L	268	14.13	42710	1.06	82917	0.189762	0.005	148	no	2.499	86
PCB Cleanup Standard	270	14.13	40208	yes				104			
194 PCB 111L	338	21.39	30586	1.7	48617	0.233585	0	6020	no	1.307	105
PCB Cleanup Standard	340	21.38	18031	yes				1462			
195 PCB 178L	406	26.47	10029	0.94	20675	0.188262	0	1462	no	0.8	85
PCB Cleanup Standard	408	26.47	10646	yes				4215			
196 PCB 31L	268	NotFnd	*	*	*		0.005		no	2.397	
PCB Audit Standard	270	13.98	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0		no	0.973	
PCB Audit Standard	340	17.37	*	no							
198 PCB 153L	372	NotFnd	*	*	*		0.001		no	1.223	
PCB Audit Standard	374	24.93	*	no							
199 PCB 9L	234	11.00	316077	1.67	505531	9.964064	-	3248	no	-	-
PCB Recovery Standard	236	11.00	189454	yes				6461			
200 PCB 52L	302	15.06	84665	0.77	193895	9.945186	-	1907	no	-	-
PCB Recovery Standard	304	15.08	109230	yes				3244			
201 PCB 101L	338	19.36	109349	1.63	176614	11.88948	-	23337	no	-	-
PCB Recovery Standard	340	19.31	67265	yes				6010			
202 PCB 138L	372	26.05	85140	1.27	152279	10.45621	-	5953	no	-	-
PCB Recovery Standard	374	26.05	67139	yes				4497			
203 PCB 194L	440	38.56	36316	0.98	73479	6.491492	-	5455	no	-	-
PCB Recovery Standard	442	38.60	37163	yes				4987			
Chlorobiphenyls							0	-0.00115			
Dichlorobiphenyls							0	-0.02721			
Trichlorobiphenyls							1	-0.03444			
Tetrachlorobiphenyls							3	-0.00959			
Pentachlorobiphenyls							4	-0.00758			
Hexachlorobiphenyls							3	-0.02022			
Heptachlorobiphenyls							1	-0.01104			
Octachlorobiphenyls							0	-0.01881			
Nonachlorobiphenyls							0	-0.01187			
Decachlorobiphenyl							0	-0.0245			
PCB (total)							0	0.221757			

Acquired Date

Dataset: C:\MassLynx\Default.pro\M2170608A\_M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM

Printed: Friday, June 09, 2017 4:00:45 PM

Method: C:\MassLynx\Default.PRO\MethDB\1668A\_PCB209\_M2170608A.mdb 09 Jun 2017 11:33:19

Calibration: C:\MassLynx\Default.pro\Curvedb\PCB209\_M2170608A.cdb 09 Jun 2017 12:11:47

Description: EIY573-01R

Vial: 13

Date: 09-Jun-2017

Time: 03:51:07

Instrument:

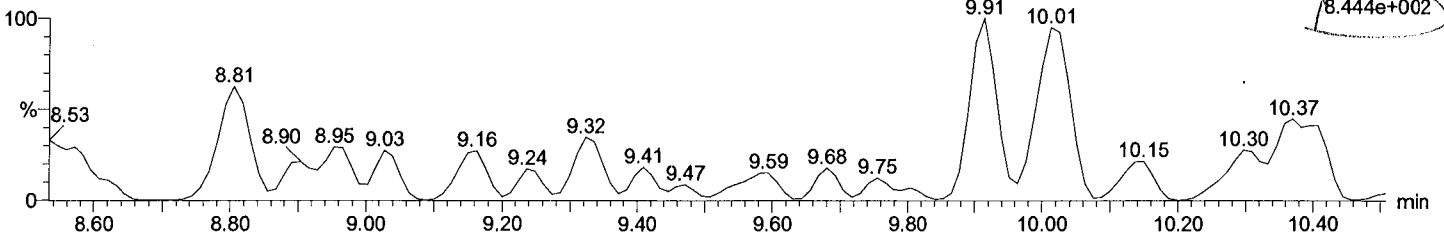
Total MoCB F1

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

F1:Voltage SIR,EI+

188.0393

8.444e+002



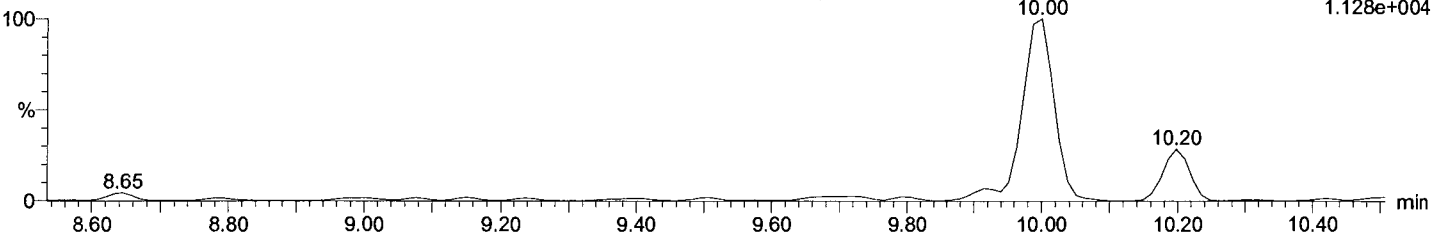
Total MoCB F1

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

F1:Voltage SIR,EI+

190.0363

1.128e+004



Total MoCB labeled F1

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

PCB 3L

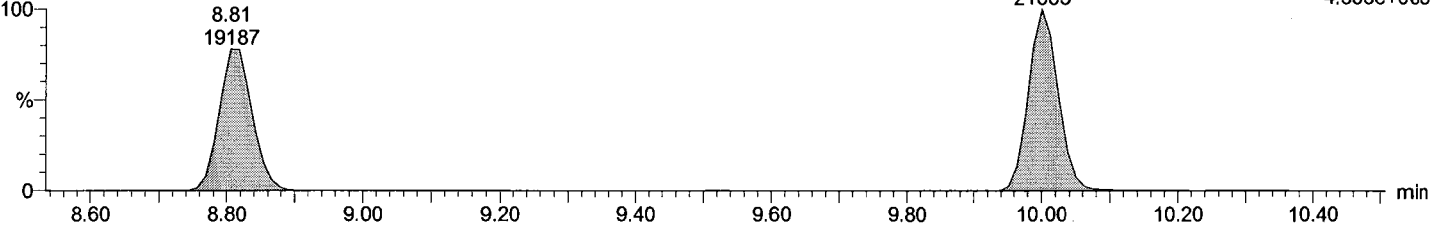
F1:Voltage SIR,EI+

10.00

200.0795

21665

4.363e+005



Total MoCB labeled F1

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

PCB 3L

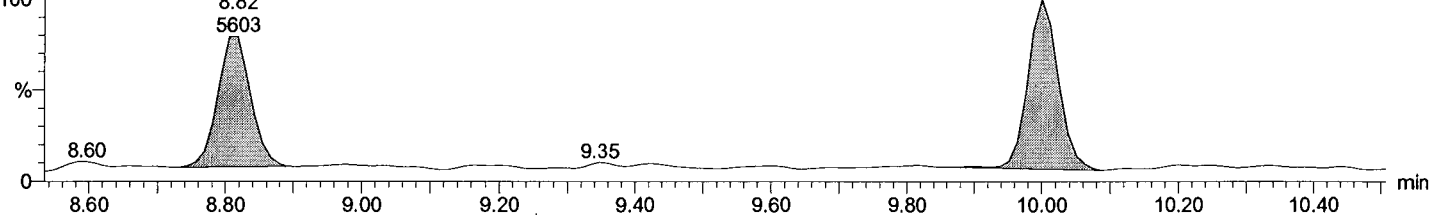
F1:Voltage SIR,EI+

10.00

202.076

6613

1.386e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM

Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R

Vial: 13

Date: 09-Jun-2017

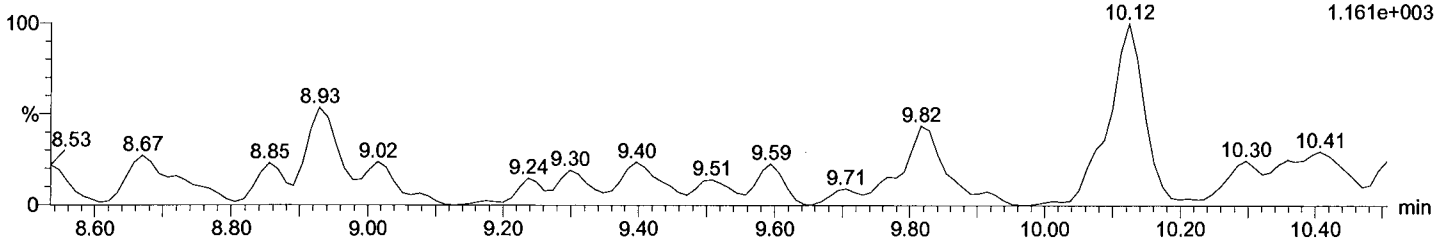
Time: 03:51:07

Instrument:

Total DiCB F1

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

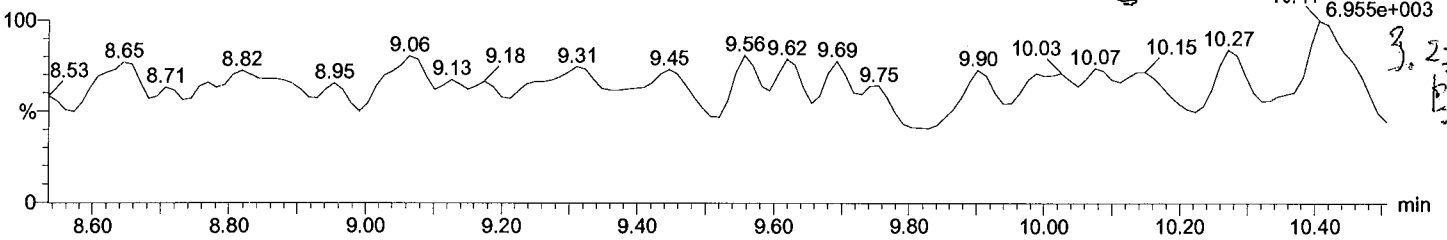
F1:Voltage SIR,EI+  
222.0003  
1.161e+003



Total DiCB F1

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

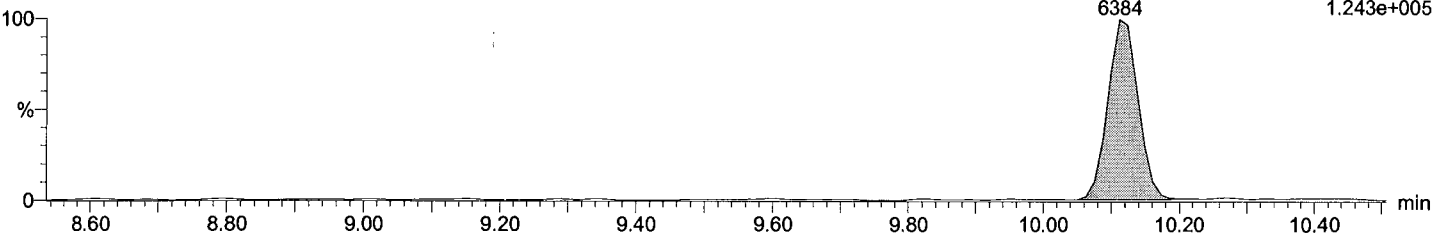
F1:Voltage SIR,EI+  
223.9974  
6.955e+003



Total DiCB labeled F1

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

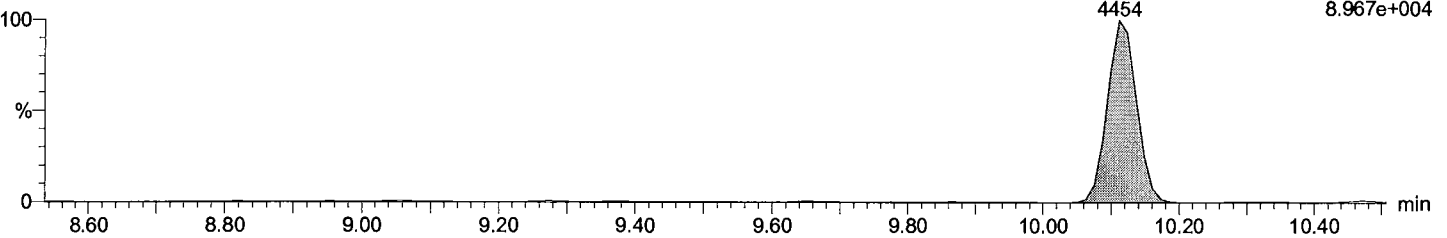
PCB 4L  
10.11  
6384  
F1:Voltage SIR,EI+  
234.0406  
1.243e+005



Total DiCB labeled F1

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

PCB 4L  
10.11  
4454  
F1:Voltage SIR,EI+  
236.0376  
8.967e+004





Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

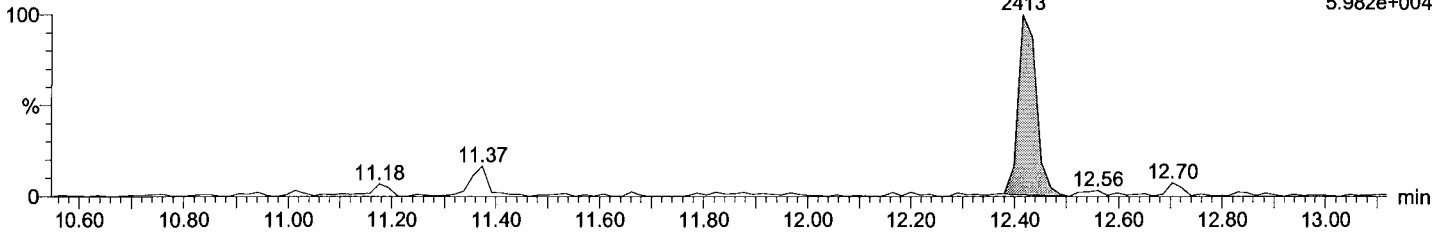
Last Altered: Friday, June 09, 2017 3:59:56 PM  
Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R  
Vial: 13  
Date: 09-Jun-2017  
Time: 03:51:07  
Instrument:

Total DiCB F2

M2170608A13  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

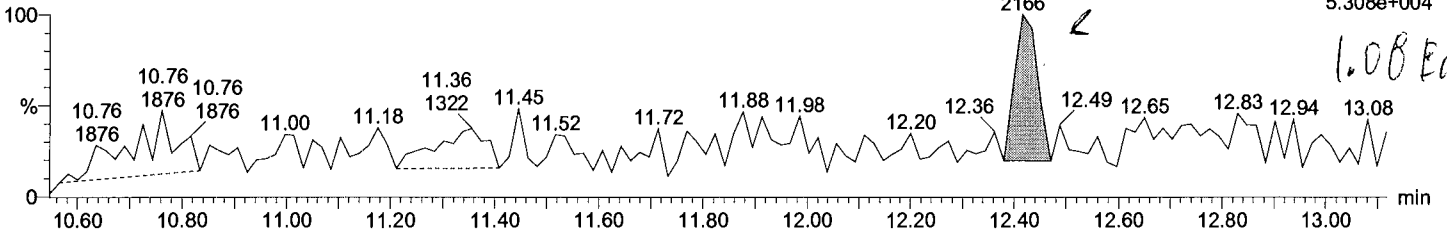
PCB 11  
12.42  
2413  
F2:Voltage SIR,EI+  
222.0003  
5.982e+004



Total DiCB F2

M2170608A13  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

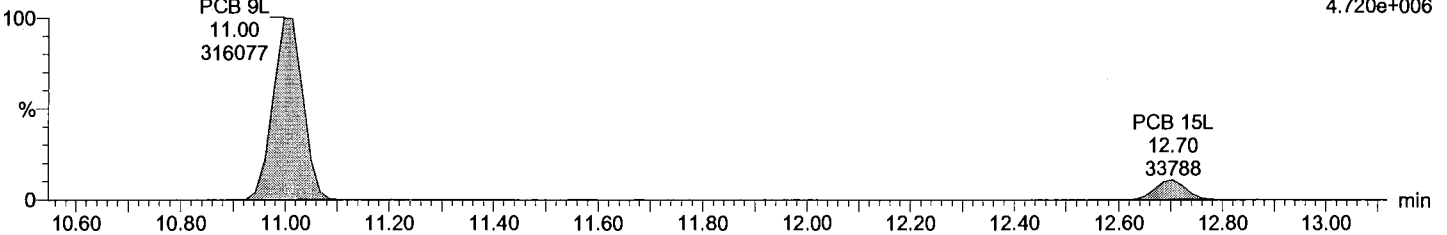
PCB 11  
12.42  
2166  
F2:Voltage SIR,EI+  
223.9974  
5.308e+004



Total DiCB labeled F2

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

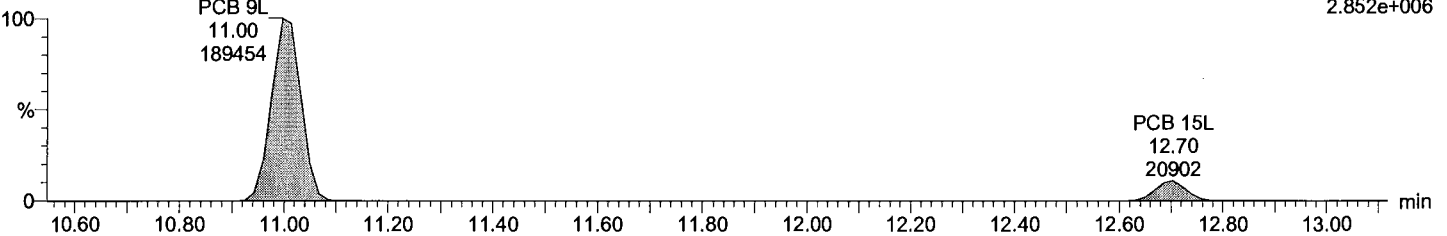
F2:Voltage SIR,EI+  
234.0406  
4.720e+006



Total DiCB labeled F2

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

F2:Voltage SIR,EI+  
236.0376  
2.852e+006



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

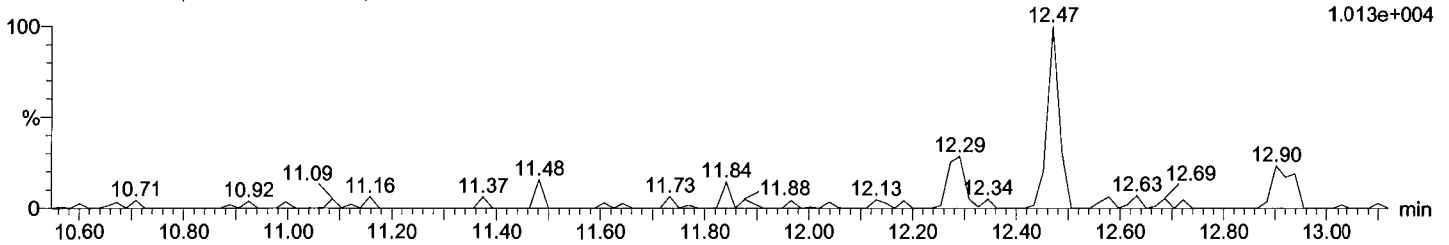
Last Altered: Friday, June 09, 2017 3:59:56 PM  
Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R  
Vial: 13  
Date: 09-Jun-2017  
Time: 03:51:07  
Instrument:

Total TriCB F2

M2170608A13  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

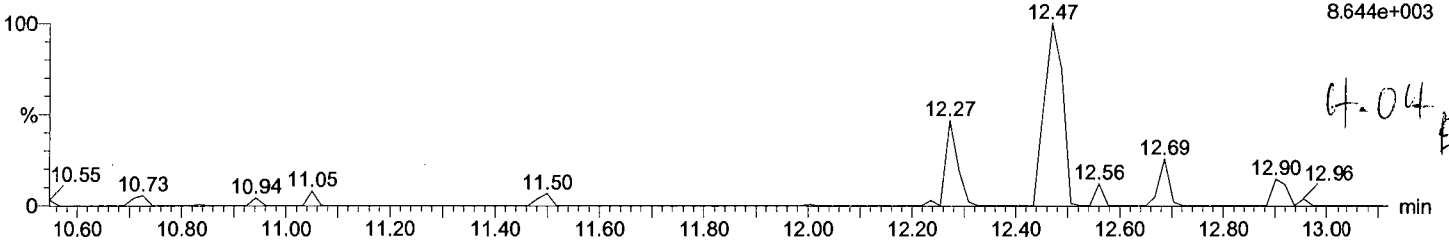
F2:Voltage SIR,EI+  
255.9614  
1.013e+004



Total TriCB F2

M2170608A13  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

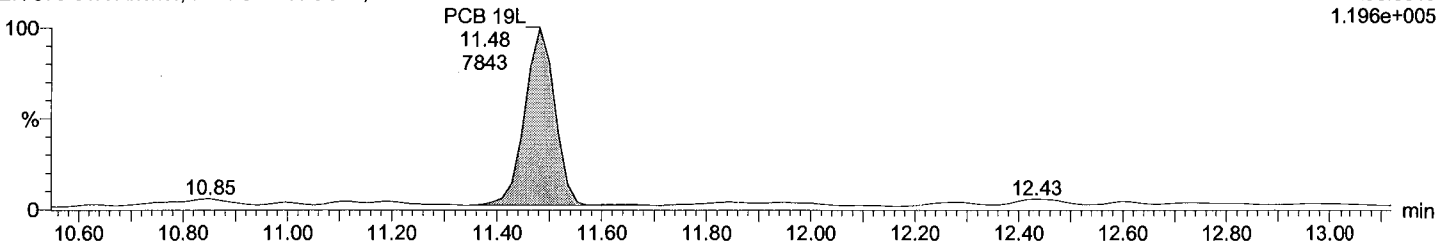
F2:Voltage SIR,EI+  
257.9584  
8.644e+003



Total TriCB labeled F2

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

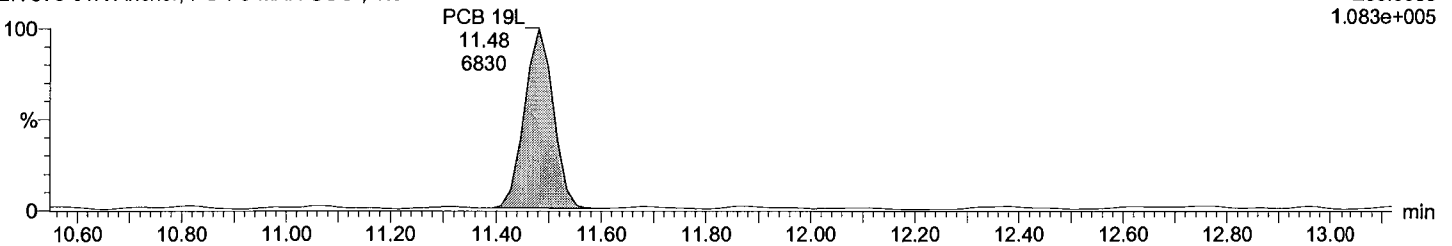
F2:Voltage SIR,EI+  
268.0016  
1.196e+005



Total TriCB labeled F2

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

F2:Voltage SIR,EI+  
269.9986  
1.083e+005



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

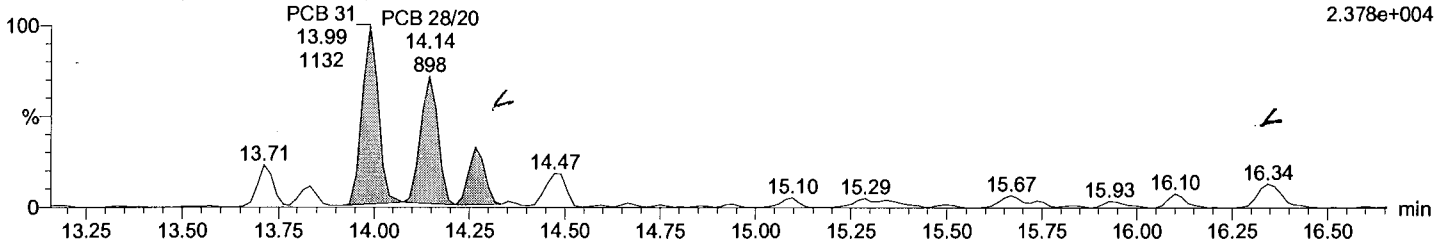
Last Altered: Friday, June 09, 2017 3:59:56 PM  
Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R  
Vial: 13  
Date: 09-Jun-2017  
Time: 03:51:07  
Instrument:

**Total TriCB F3**

M2170608A13 Smooth(SG,1x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

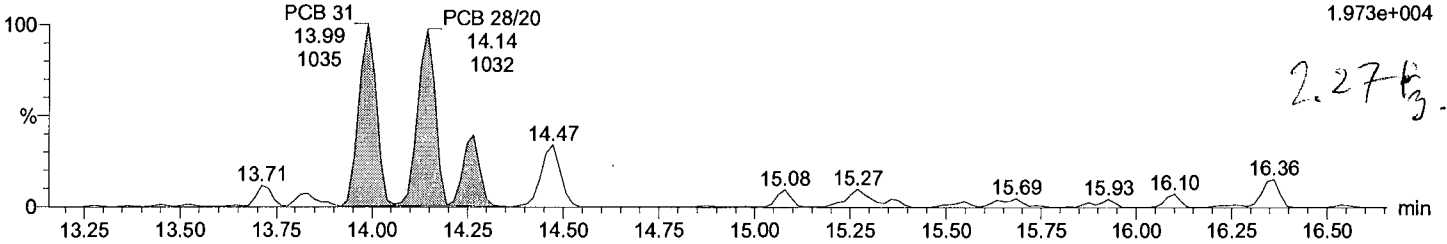
F3:Voltage SIR,EI+  
255.9614  
2.378e+004



**Total TriCB F3**

M2170608A13 Smooth(SG,1x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

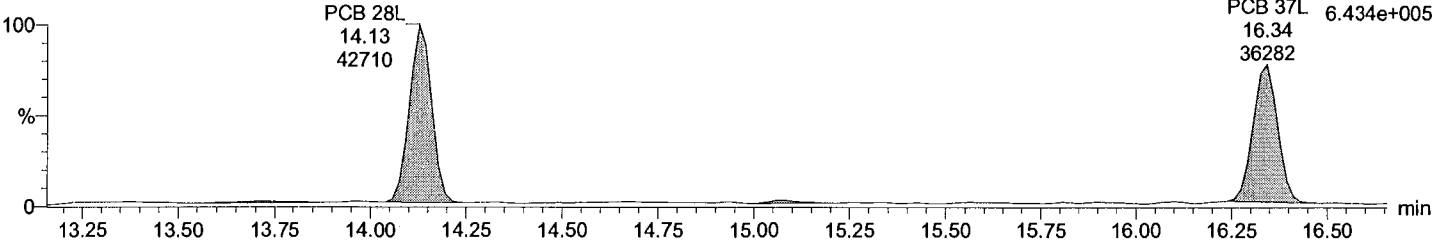
F3:Voltage SIR,EI+  
257.9584  
1.973e+004



**Total TriCB labeled F3**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

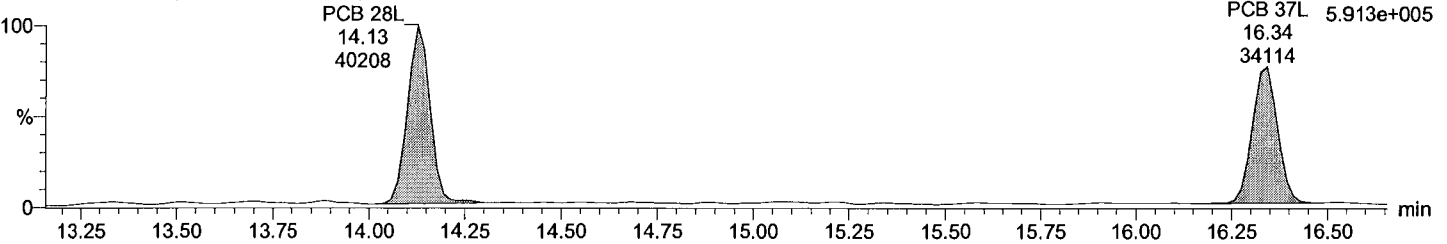
F3:Voltage SIR,EI+  
268.0016  
6.434e+005



**Total TriCB labeled F3**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

F3:Voltage SIR,EI+  
269.9986  
5.913e+005



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM  
Printed: Friday, June 09, 2017 4:00:45 PM

**Description: EIY573-01R**

**Vial: 13**

**Date: 09-Jun-2017**

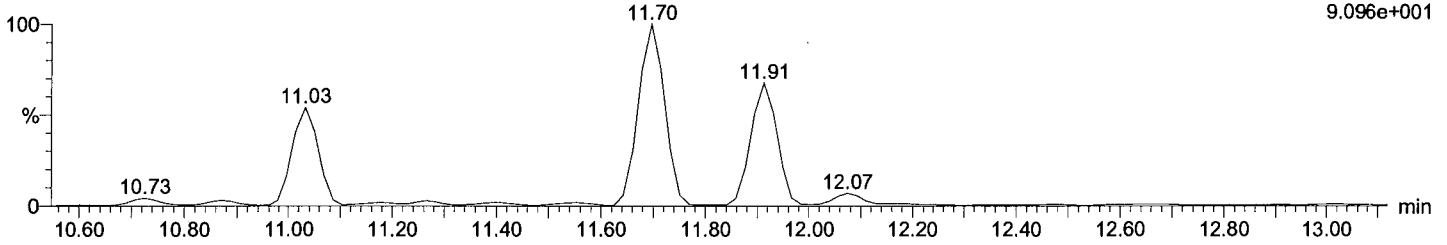
**Time: 03:51:07**

**Instrument:**

**Total TeCB F2**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

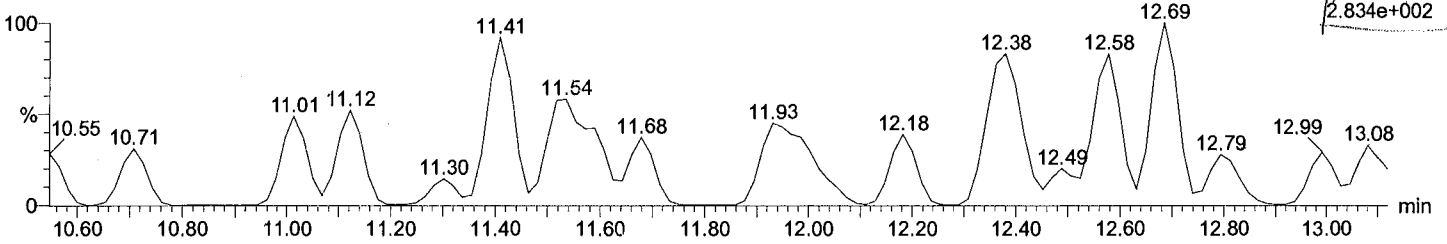
F2:Voltage SIR,EI+  
289.9224  
9.096e+001



**Total TeCB F2**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

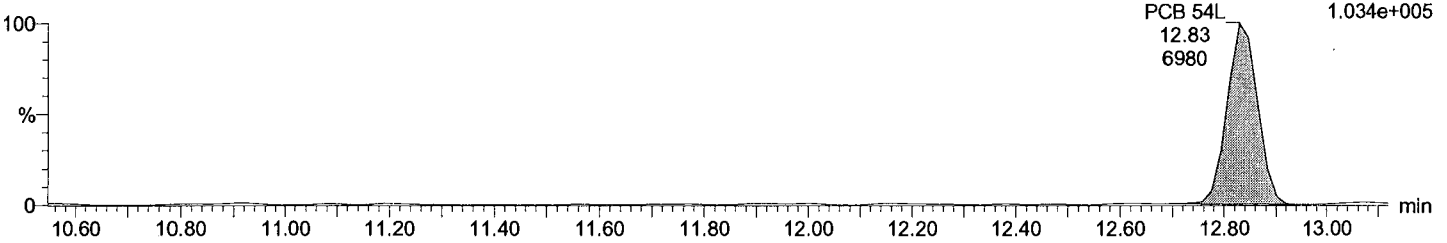
F2:Voltage SIR,EI+  
291.9194  
2.834e+002



**Total TeCB labeled F2**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

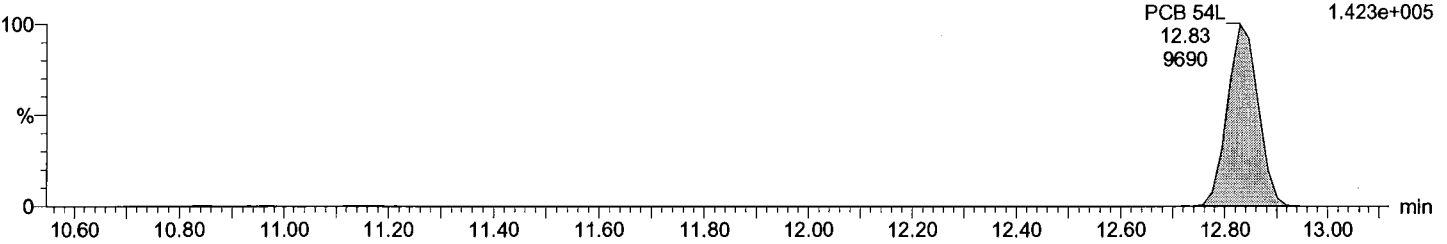
F2:Voltage SIR,EI+  
301.9626  
1.034e+005



**Total TeCB labeled F2**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

F2:Voltage SIR,EI+  
303.9597  
1.423e+005



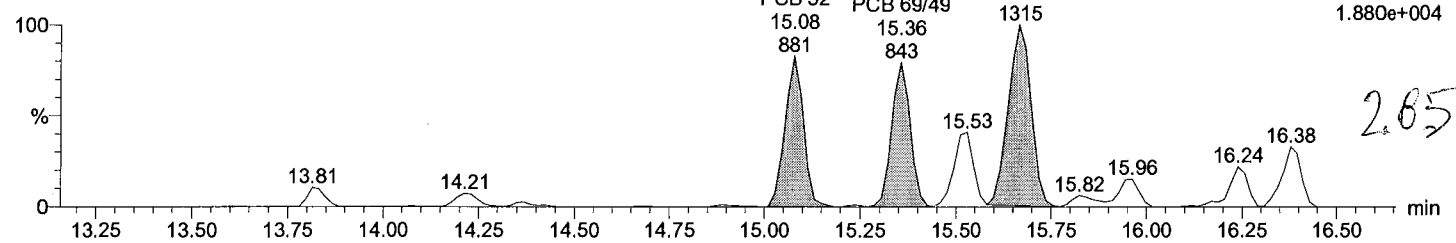
Dataset: C:\MassLynx\Default.pro\M2170608A\_M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM  
Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R  
Vial: 13  
Date: 09-Jun-2017  
Time: 03:51:07  
Instrument:

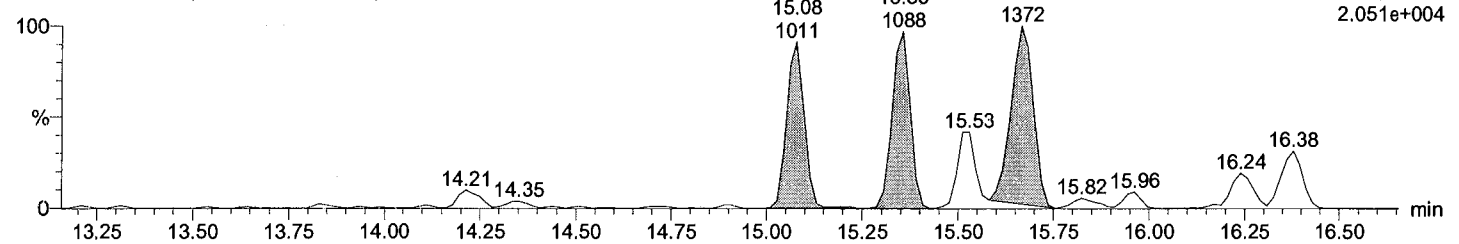
Total TeCB F3

M2170608A13 Smooth(SG,1x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3



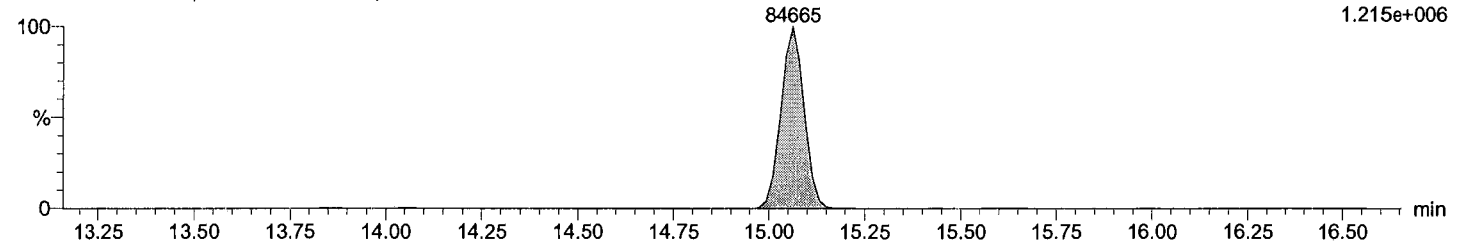
Total TeCB F3

M2170608A13 Smooth(SG,1x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3



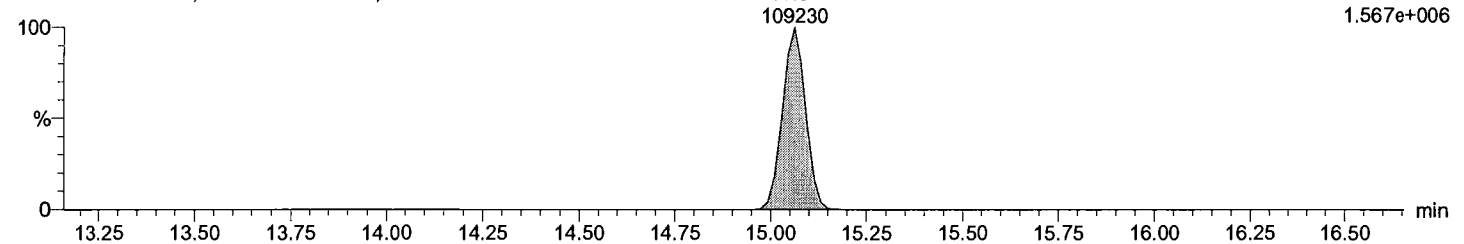
Total TeCB labeled F3

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3



Total TeCB labeled F3

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM  
Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R

Vial: 13

Date: 09-Jun-2017

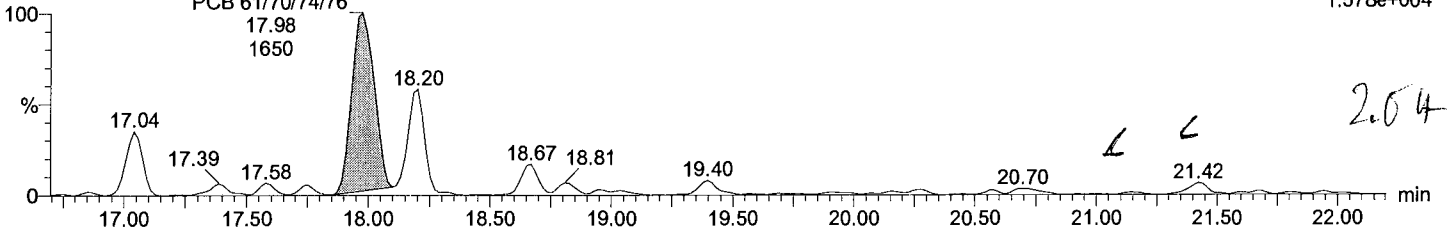
Time: 03:51:07

Instrument:

Total TeCB F4

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3  
PCB 61/70/74/76

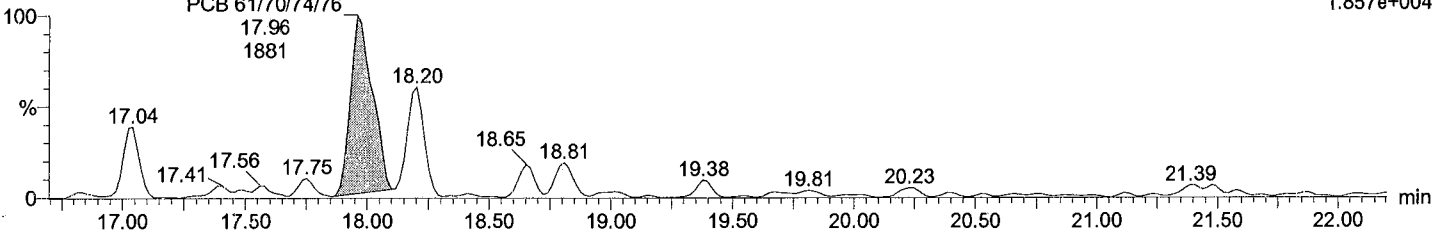
F4:Voltage SIR,EI+  
289.9224  
1.578e+004



Total TeCB F4

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3  
PCB 61/70/74/76

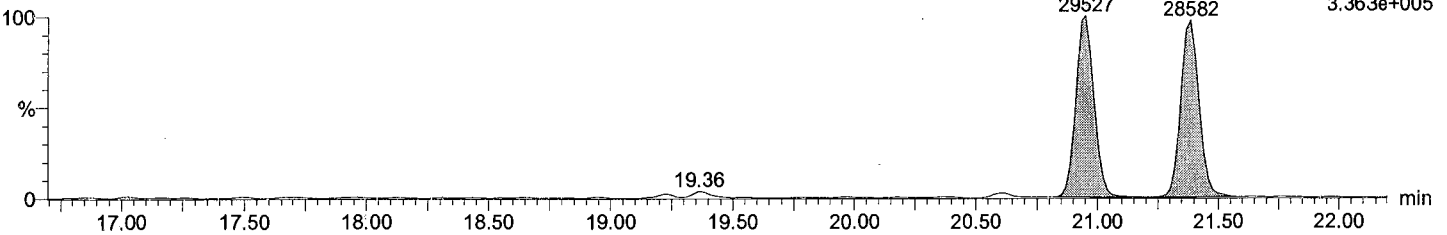
F4:Voltage SIR,EI+  
291.9194  
1.857e+004



Total TeCB labeled F4

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

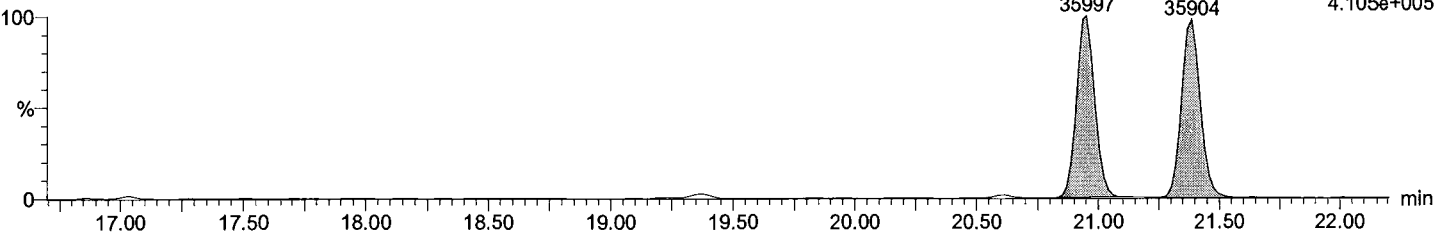
PCB 81L 20.96 29527  
PCB 77L 21.39 28582  
F4:Voltage SIR,EI+  
301.9626  
3.363e+005



Total TeCB labeled F4

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

PCB 81L 20.96 35997  
PCB 77L 21.39 35904  
F4:Voltage SIR,EI+  
303.9597  
4.105e+005



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM

Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R

Vial: 13

Date: 09-Jun-2017

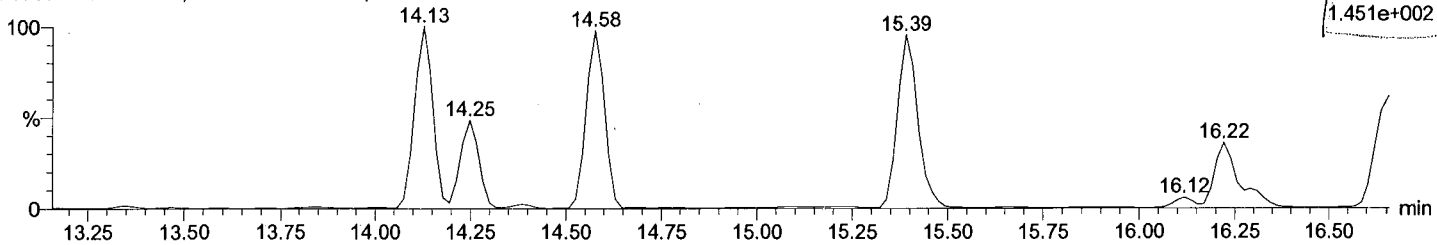
Time: 03:51:07

Instrument:

Total PeCB F3

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

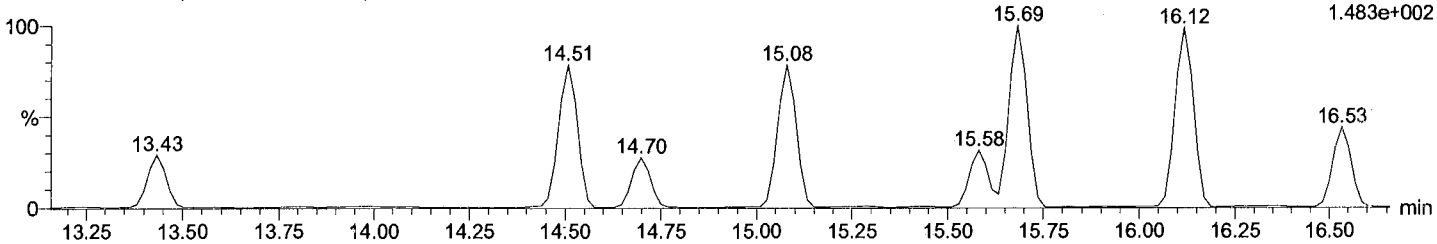
F3:Voltage SIR,EI+  
325.8805  
1.451e+002



Total PeCB F3

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

F3:Voltage SIR,EI+  
327.8775  
1.483e+002

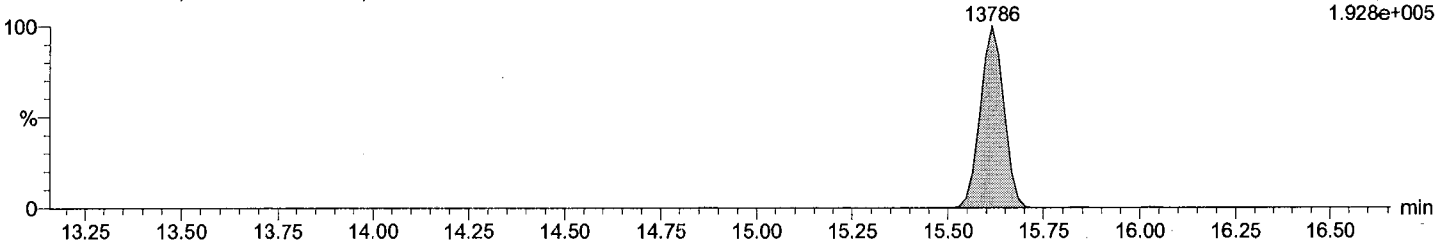


Total PeCB labeled F3

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

PCB 104L  
15.62  
13786

F3:Voltage SIR,EI+  
337.9207  
1.928e+005

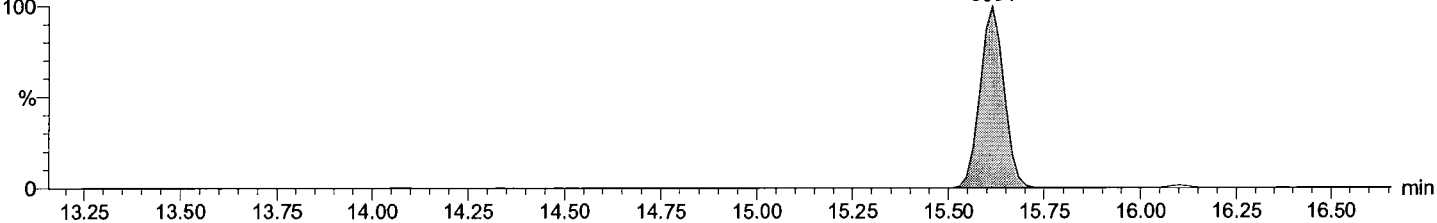


Total PeCB labeled F3

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

PCB 104L  
15.62  
9034

F3:Voltage SIR,EI+  
339.9178  
1.249e+005



Dataset: C:\MassLynx\Default.pro\M2170608A\_1\M2170608A\_sample\_1668A.qld

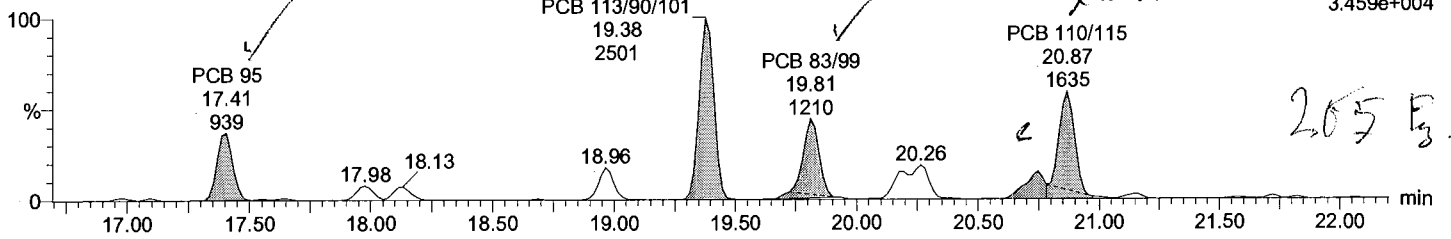
Last Altered: Friday, June 09, 2017 3:59:56 PM  
Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R  
Vial: 13  
Date: 09-Jun-2017  
Time: 03:51:07  
Instrument:

**Total PeCB F4**

M2170608A13 Smooth(SG,2x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

F4:Voltage SIR,EI+  
325.8805  
3.459e+004

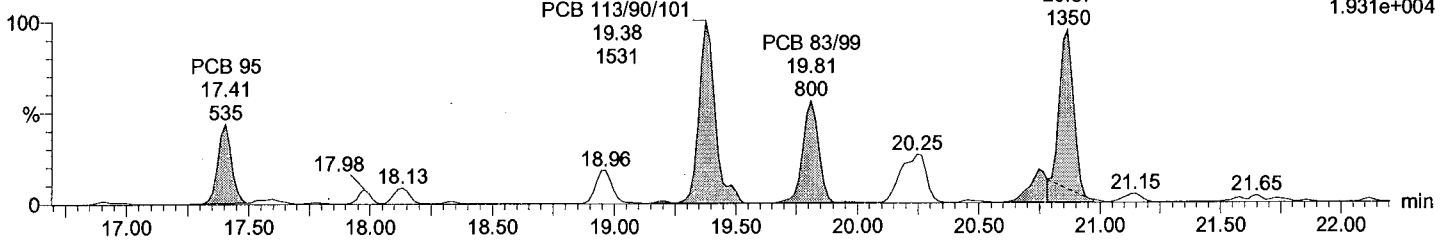


205 F<sub>3</sub>

**Total PeCB F4**

M2170608A13 Smooth(SG,2x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

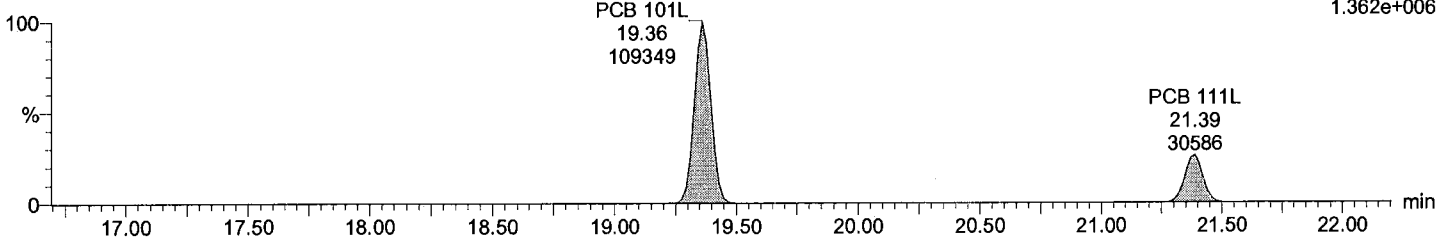
F4:Voltage SIR,EI+  
327.8775  
1.931e+004



**Total PeCB labeled F4**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

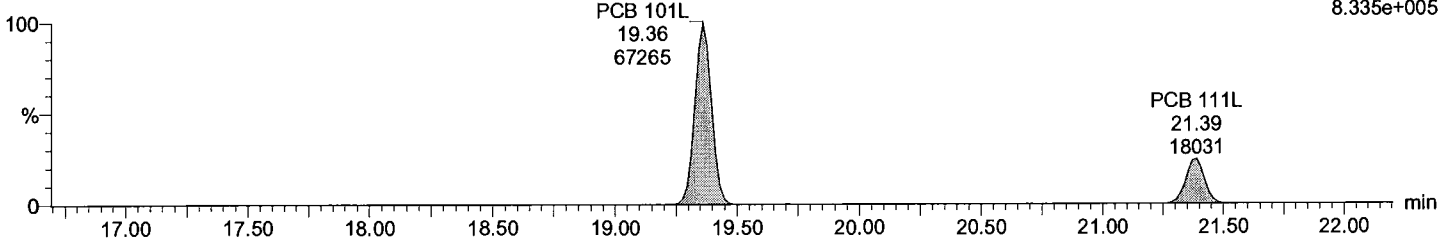
F4:Voltage SIR,EI+  
337.9207  
1.362e+006



**Total PeCB labeled F4**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

F4:Voltage SIR,EI+  
339.9178  
8.335e+005





Dataset: C:\MassLynx\Default.pro\M2170608A\_M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM  
Printed: Friday, June 09, 2017 4:00:45 PM

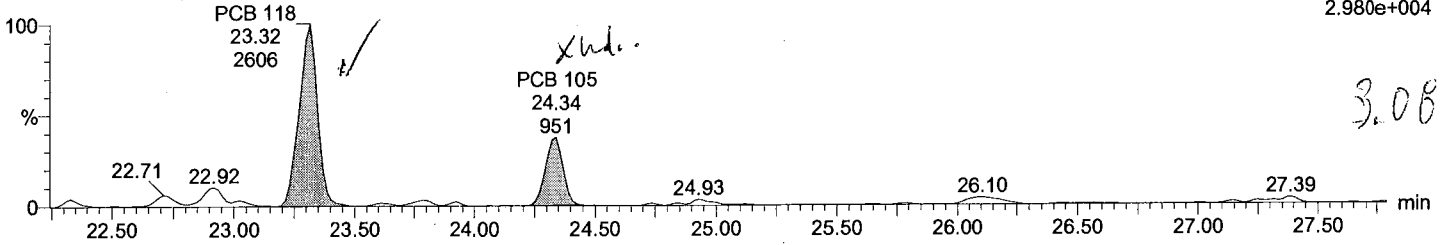
Description: EIY573-01R

Vial: 13  
Date: 09-Jun-2017  
Time: 03:51:07  
Instrument:

Total PeCB F5

M2170608A13 Smooth(SG,2x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

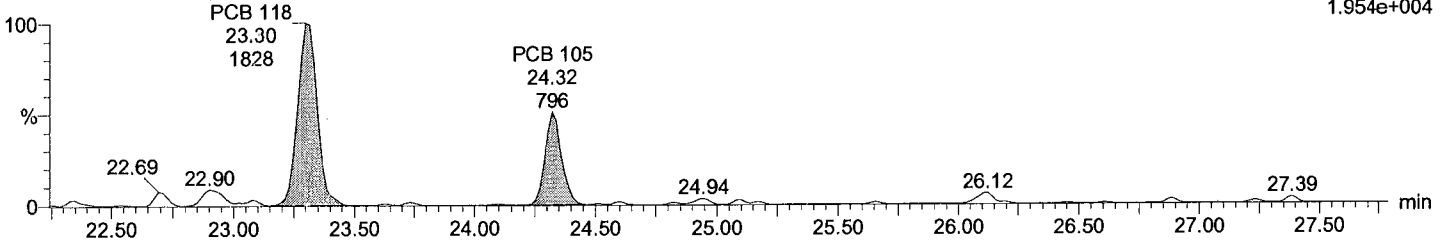
F5:Voltage SIR,EI+  
325.8805  
2.980e+004



Total PeCB F5

M2170608A13 Smooth(SG,2x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

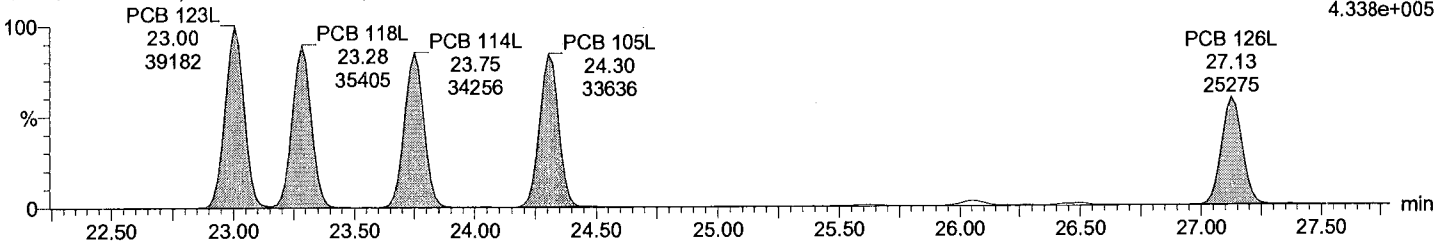
F5:Voltage SIR,EI+  
327.8775  
1.954e+004



Total PeCB labeled F5

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

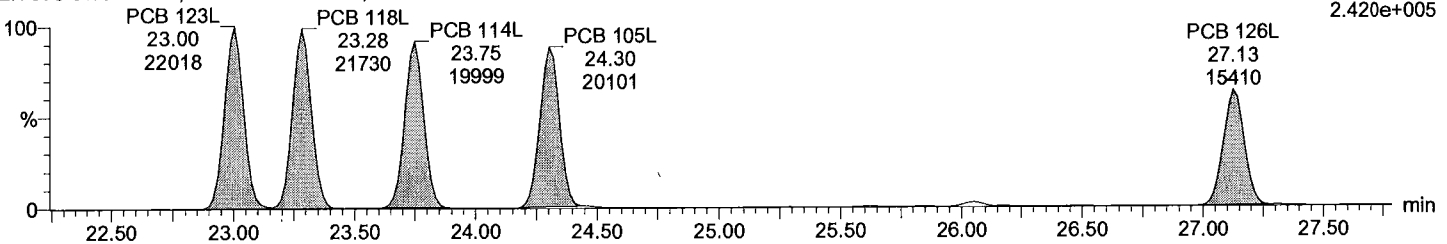
F5:Voltage SIR,EI+  
337.9207  
4.338e+005



Total PeCB labeled F5

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

F5:Voltage SIR,EI+  
339.9178  
2.420e+005



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM  
Printed: Friday, June 09, 2017 4:00:45 PM

**Description: EIY573-01R**

**Vial: 13**

**Date: 09-Jun-2017**

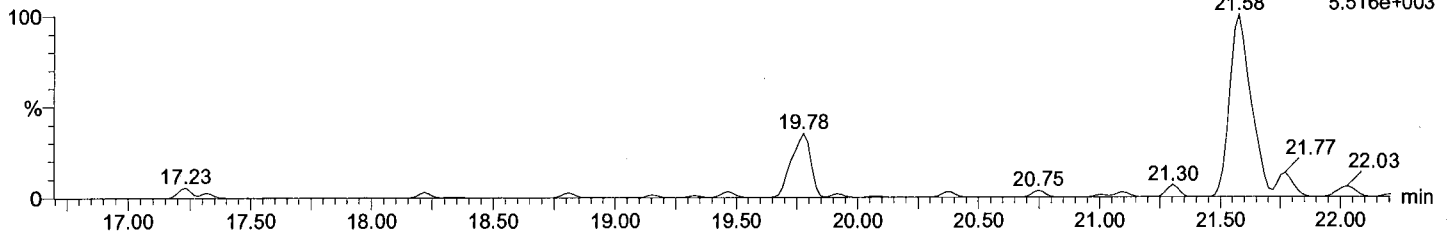
**Time: 03:51:07**

**Instrument:**

**Total HxCB F4**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

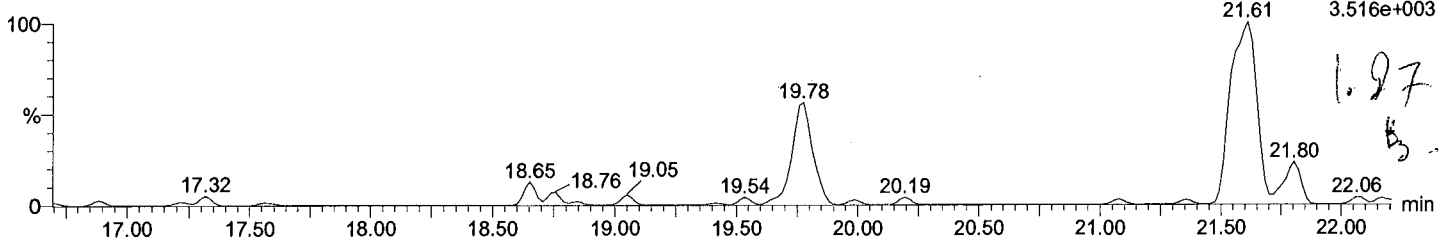
F4:Voltage SIR,EI+  
359.8415  
5.516e+003



**Total HxCB F4**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

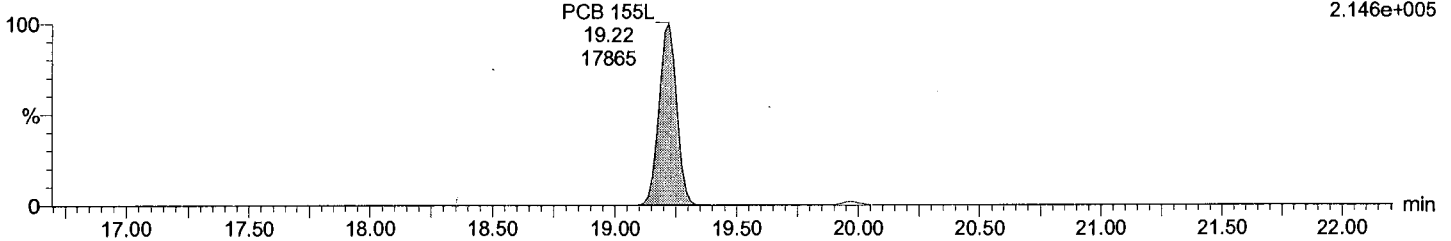
F4:Voltage SIR,EI+  
361.8385  
3.516e+003



**Total HxCB labeled F4**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

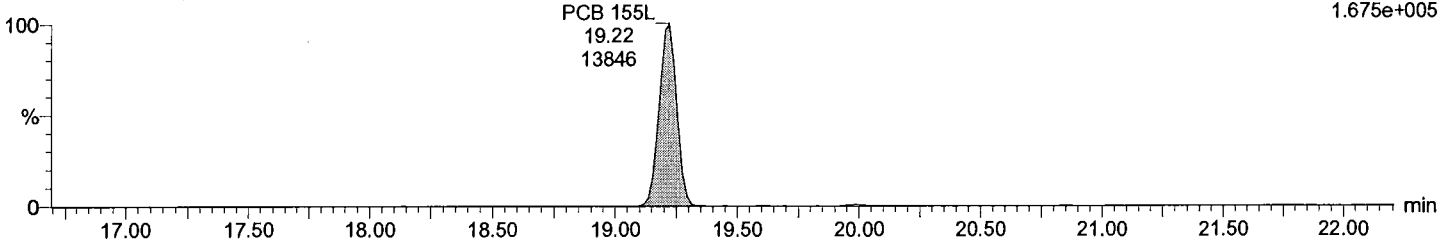
F4:Voltage SIR,EI+  
371.8817  
2.146e+005



**Total HxCB labeled F4**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

F4:Voltage SIR,EI+  
373.8788  
1.675e+005



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM  
Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R

Vial: 13

Date: 09-Jun-2017

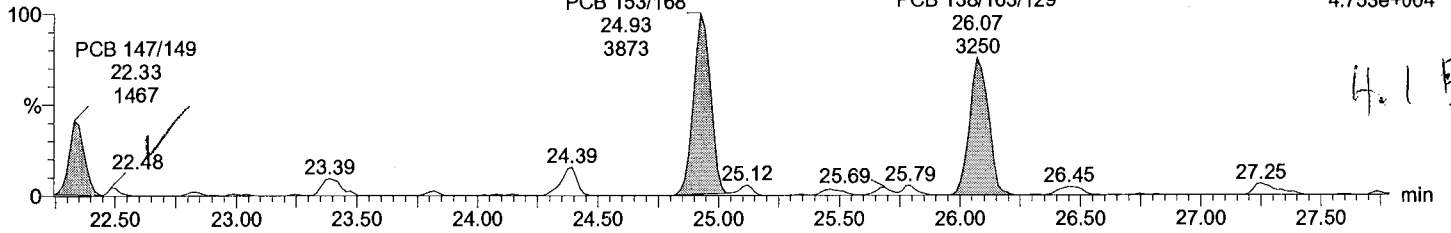
Time: 03:51:07

Instrument:

Total HxCB F5

M2170608A13 Smooth(SG,1x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

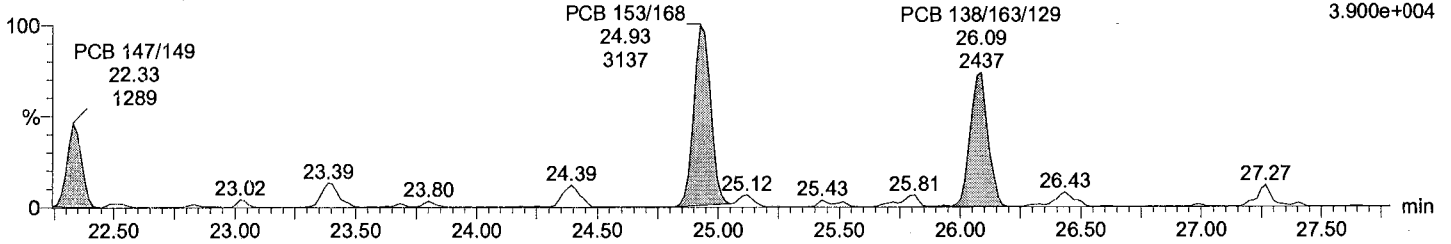
F5:Voltage SIR,EI+  
359.8415  
4.753e+004



Total HxCB F5

M2170608A13 Smooth(SG,1x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

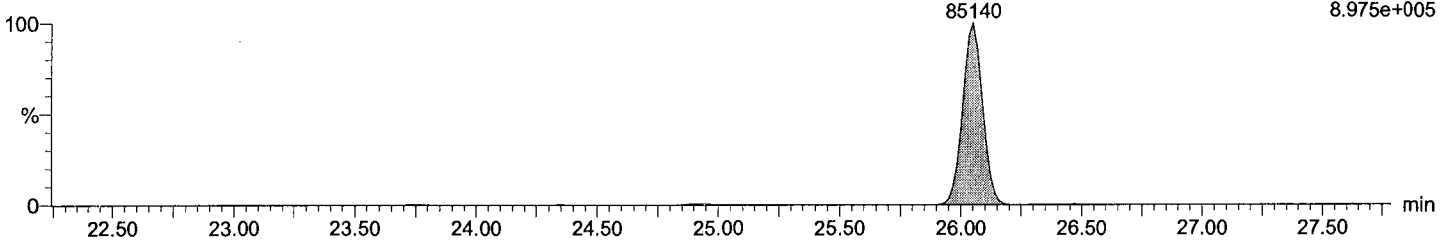
F5:Voltage SIR,EI+  
361.8385  
3.900e+004



Total HxCB labeled F5

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

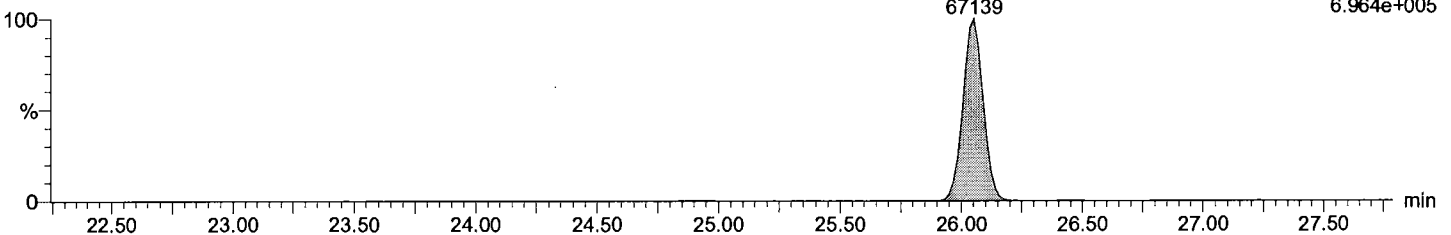
F5:Voltage SIR,EI+  
371.8817  
8.975e+005



Total HxCB labeled F5

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

F5:Voltage SIR,EI+  
373.8788  
6.964e+005



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM

Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R

Vial: 13

Date: 09-Jun-2017

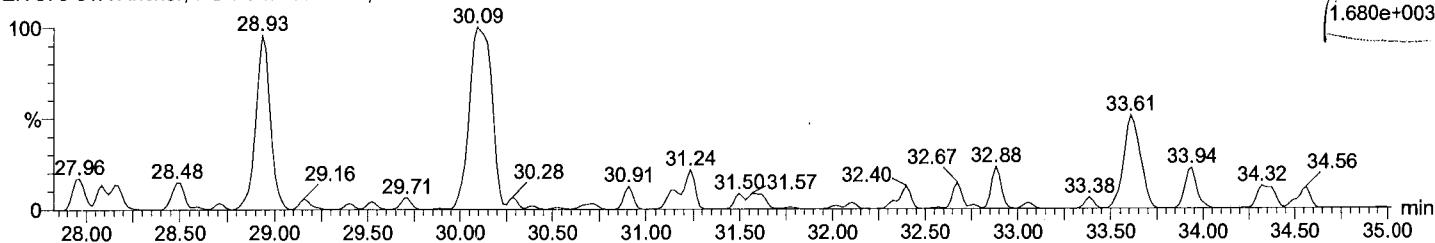
Time: 03:51:07

Instrument:

Total HxCB F6

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

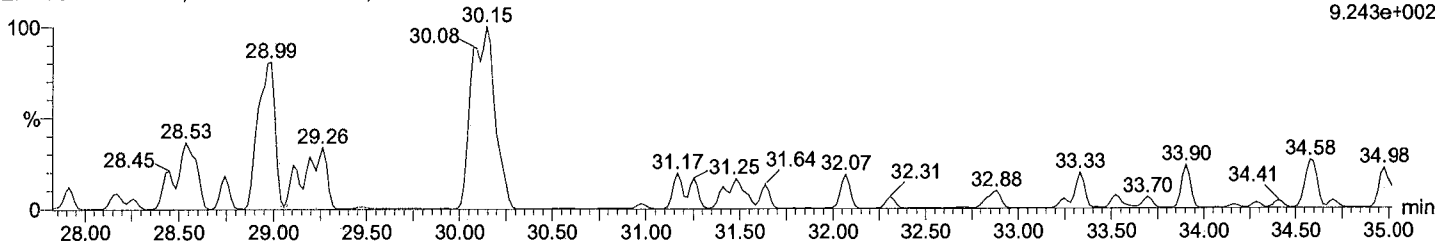
F6:Voltage SIR,EI+  
359.8415  
1.680e+003



Total HxCB F6

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

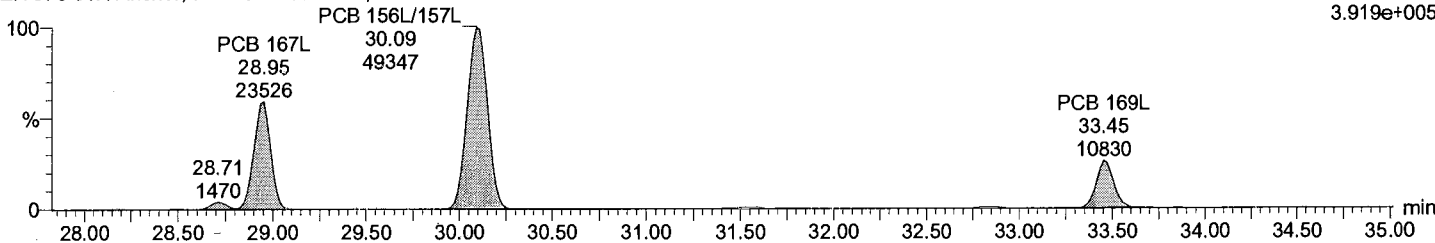
F6:Voltage SIR,EI+  
361.8385  
9.243e+002



Total HxCB labeled F6

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

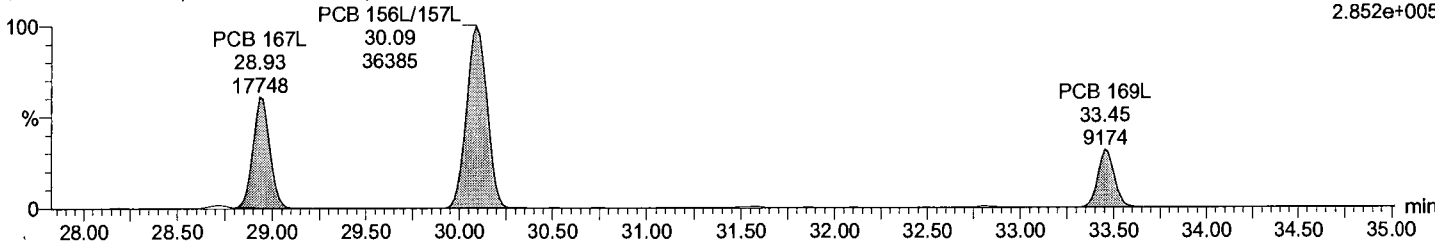
F6:Voltage SIR,EI+  
371.8817  
3.919e+005



Total HxCB labeled F6

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

F6:Voltage SIR,EI+  
373.8788  
2.852e+005



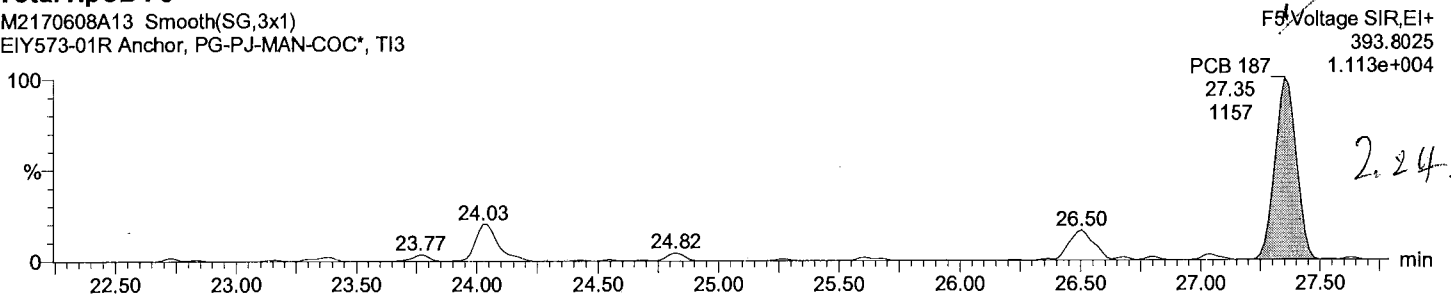
Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM  
Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R  
Vial: 13  
Date: 09-Jun-2017  
Time: 03:51:07  
Instrument:

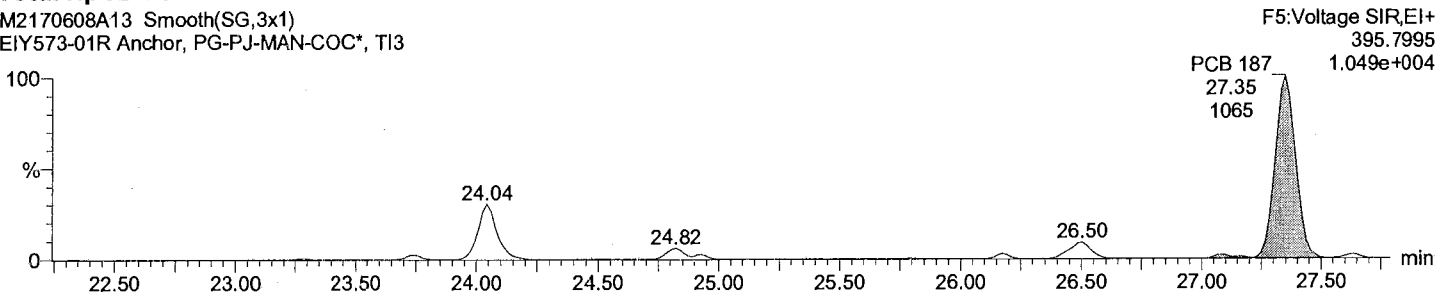
**Total HpCB F5**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13



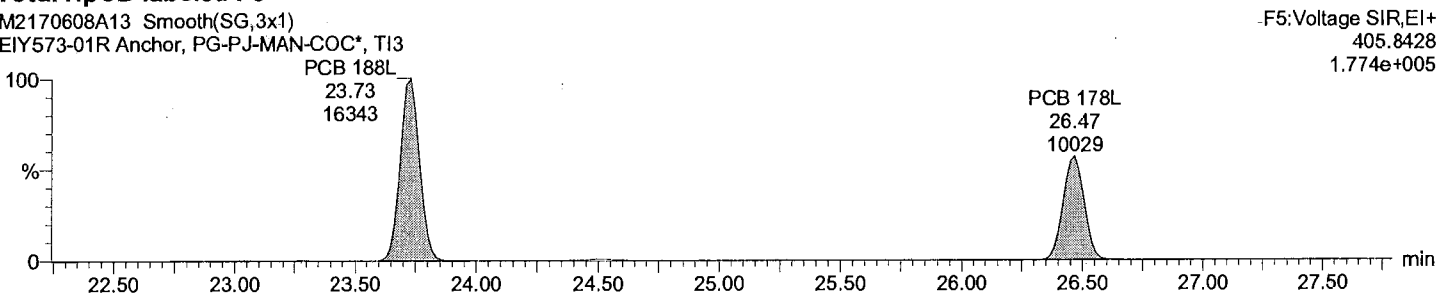
**Total HpCB F5**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13



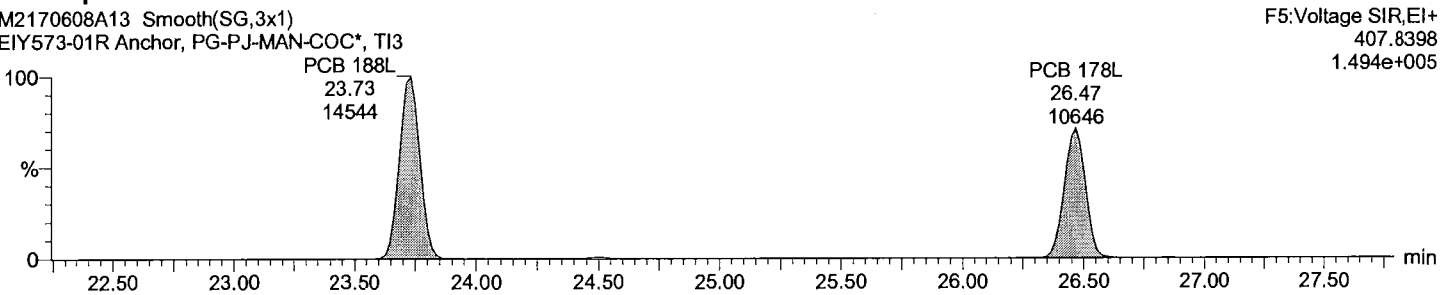
**Total HpCB labeled F5**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13



**Total HpCB labeled F5**

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM

Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R

Vial: 13

Date: 09-Jun-2017

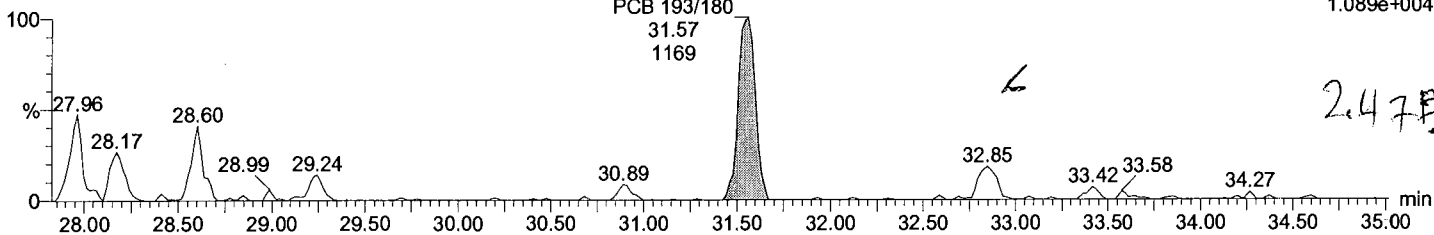
Time: 03:51:07

Instrument:

Total HpCB F6

M2170608A13 Smooth(SG,1x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

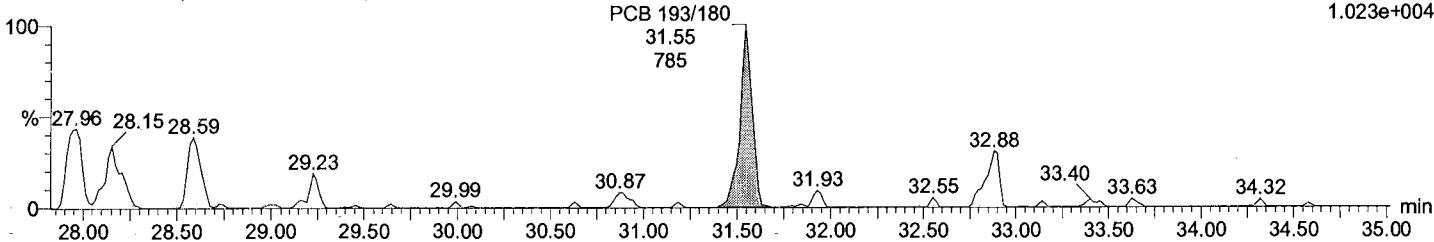
F6:Voltage SIR,EI+  
393.8025  
1.089e+004



Total HpCB F6

M2170608A13 Smooth(SG,1x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

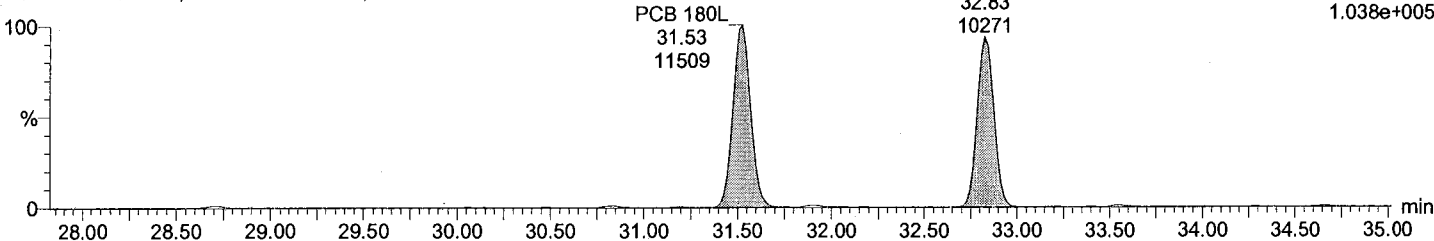
F6:Voltage SIR,EI+  
395.7995  
1.023e+004



Total HpCB labeled F6

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

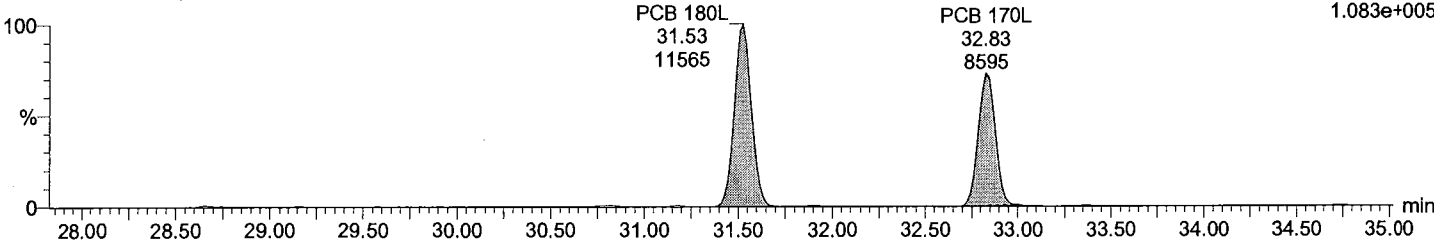
F6:Voltage SIR,EI+  
405.8428  
1.038e+005



Total HpCB labeled F6

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

F6:Voltage SIR,EI+  
407.8398  
1.083e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM

Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R

Vial: 13

Date: 09-Jun-2017

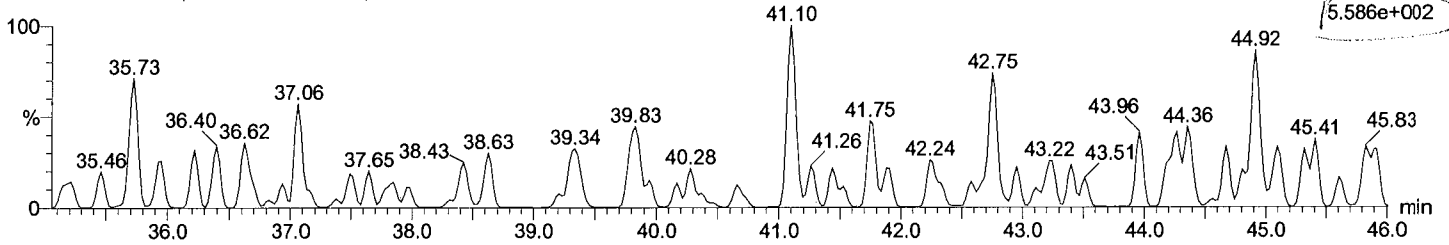
Time: 03:51:07

Instrument:

Total HpCB F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

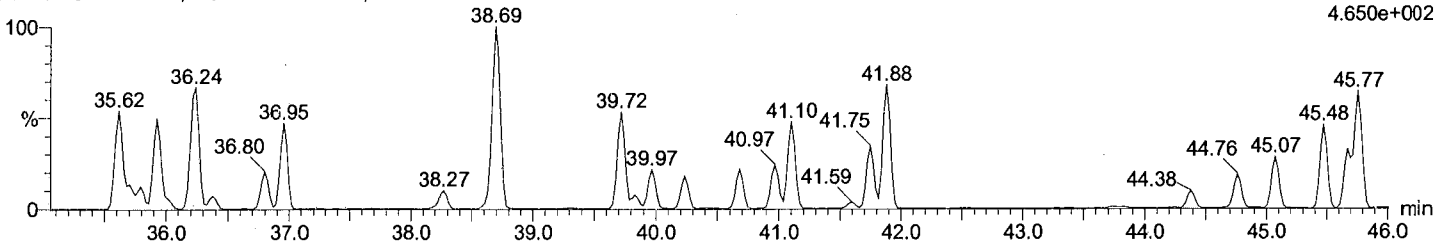
F7:Voltage SIR,EI+  
393.8025  
5.586e+002



Total HpCB F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

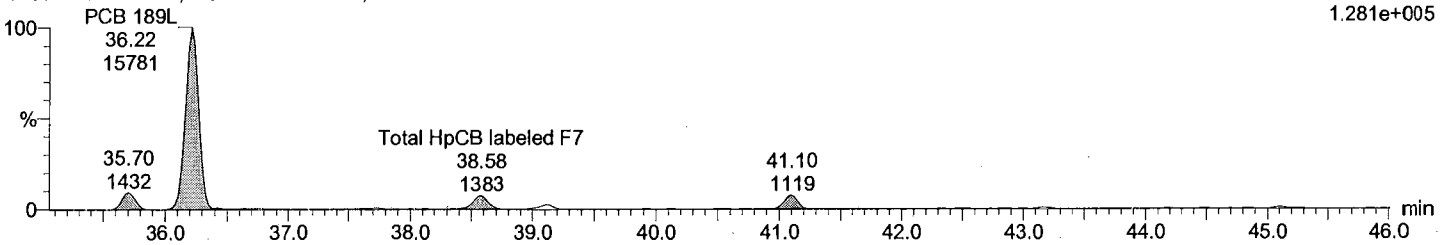
F7:Voltage SIR,EI+  
395.7996  
4.650e+002



Total HpCB labeled F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

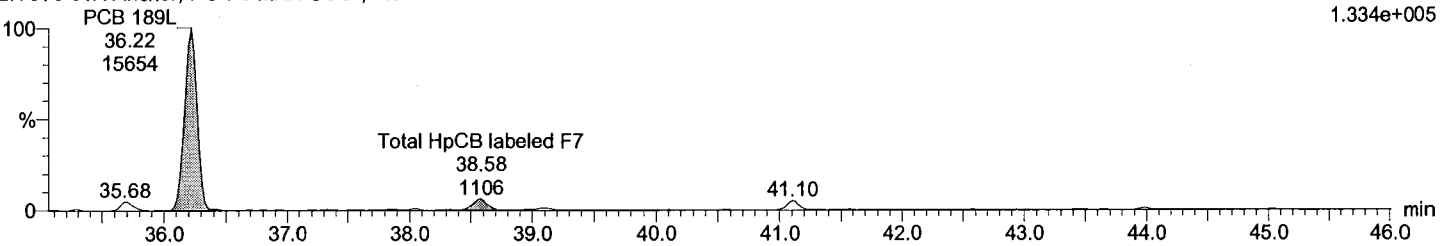
F7:Voltage SIR,EI+  
405.8428  
1.281e+005



Total HpCB labeled F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

F7:Voltage SIR,EI+  
407.8398  
1.334e+005



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM  
Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R

Vial: 13

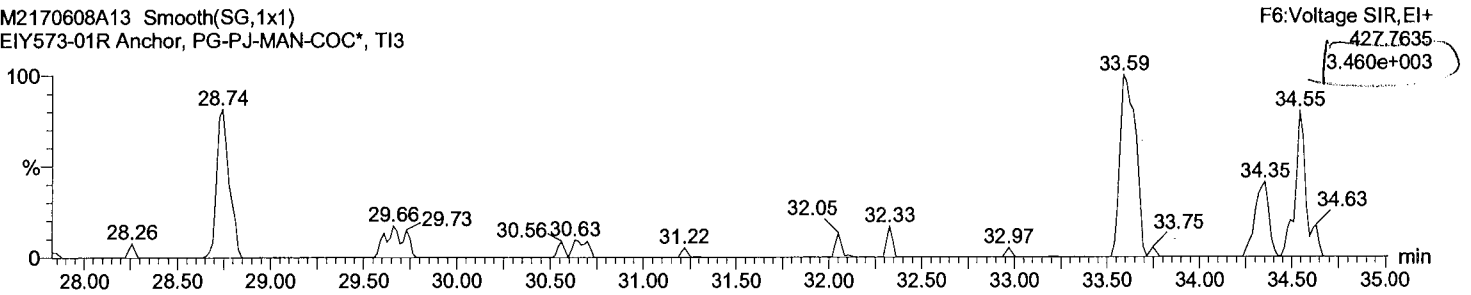
Date: 09-Jun-2017

Time: 03:51:07

Instrument:

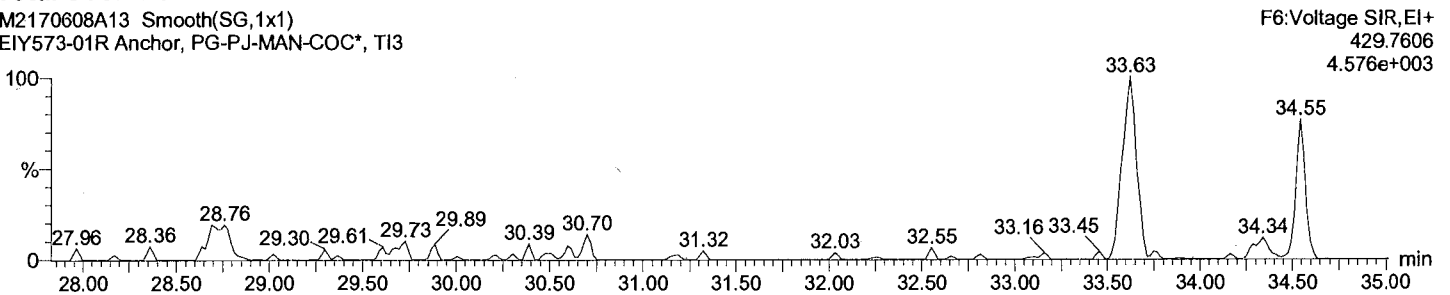
Total OcCB F6

M2170608A13 Smooth(SG,1x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13



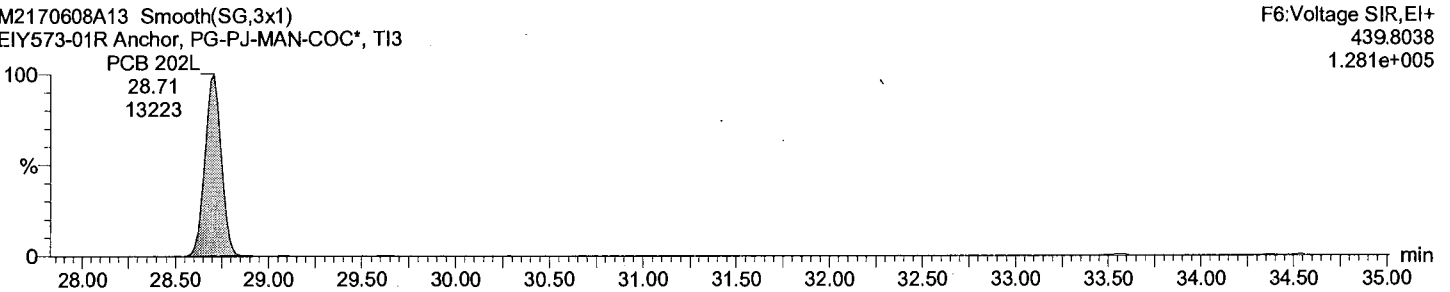
Total OcCB F6

M2170608A13 Smooth(SG,1x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13



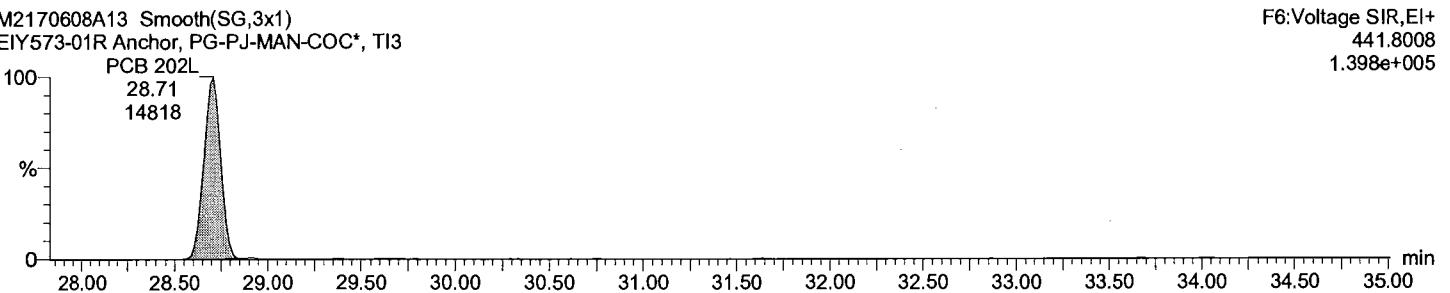
Total OcCB labeled F6

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13



Total OcCB labeled F6

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13





Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

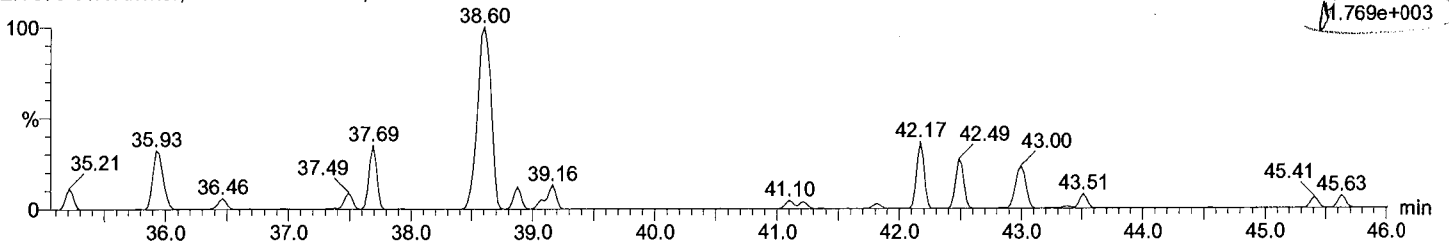
Last Altered: Friday, June 09, 2017 3:59:56 PM  
Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R  
Vial: 13  
Date: 09-Jun-2017  
Time: 03:51:07  
Instrument:

Total OcCB F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

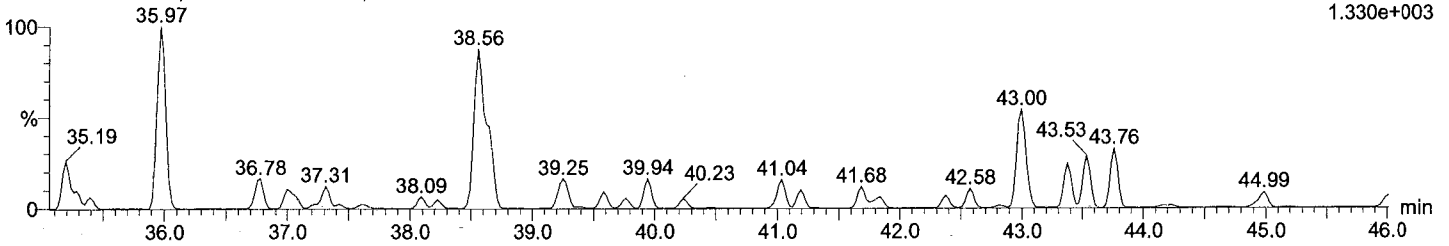
F7:Voltage SIR,EI+  
427.7635  
1.769e+003



Total OcCB F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

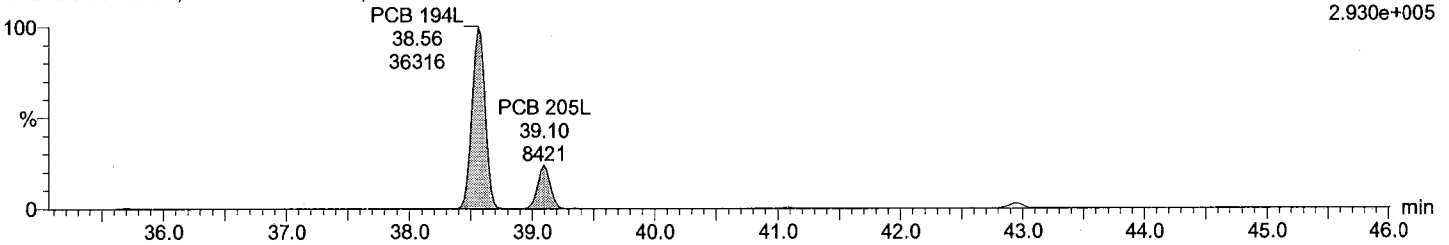
F7:Voltage SIR,EI+  
429.7606  
1.330e+003



Total OcCB labeled F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

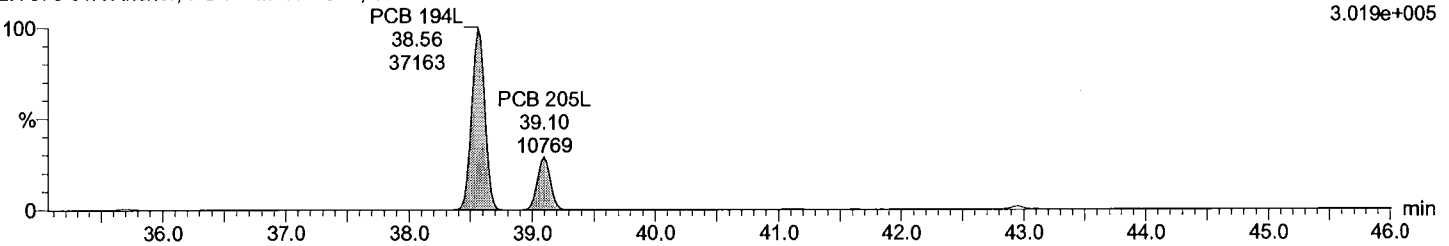
F7:Voltage SIR,EI+  
439.8038  
2.930e+005



Total OcCB labeled F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

F7:Voltage SIR,EI+  
441.8008  
3.019e+005



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM

Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R

Vial: 13

Date: 09-Jun-2017

Time: 03:51:07

Instrument:

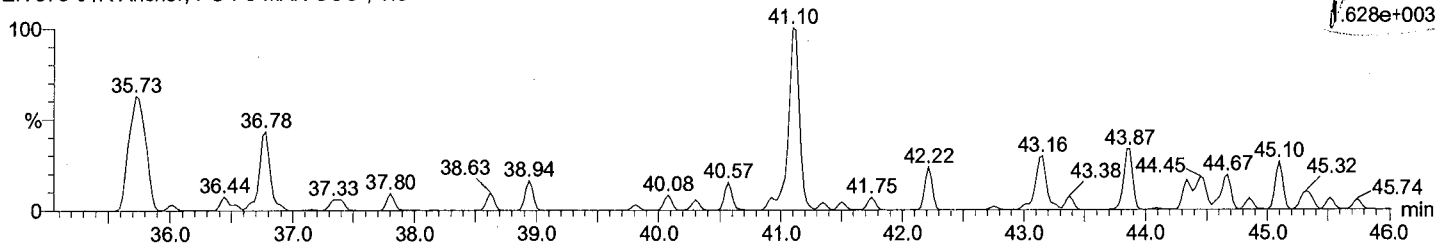
Total NoCB F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

F7:Voltage SIR,EI+

461.7246

1.628e+003



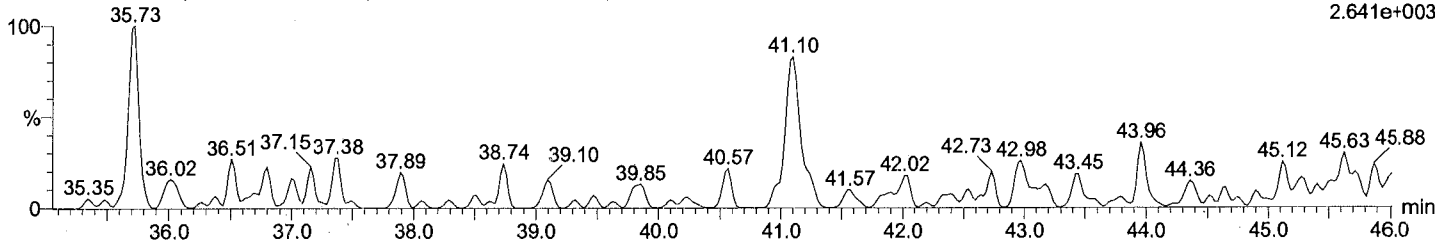
Total NoCB F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

F7:Voltage SIR,EI+

463.7216

2.641e+003



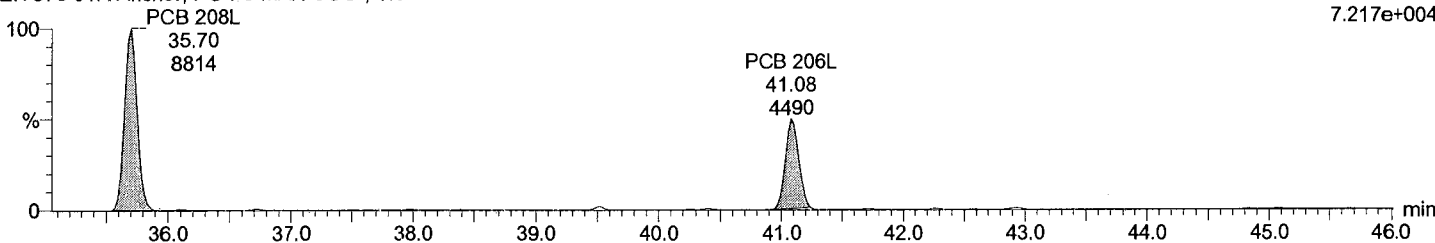
Total NoCB labeled F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

F7:Voltage SIR,EI+

473.7648

7.217e+004



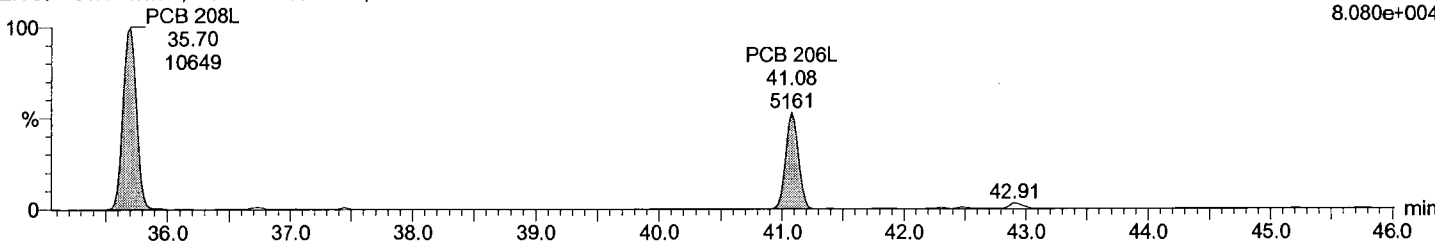
Total NoCB labeled F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

F7:Voltage SIR,EI+

475.7619

8.080e+004



Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM

Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R

Vial: 13

Date: 09-Jun-2017

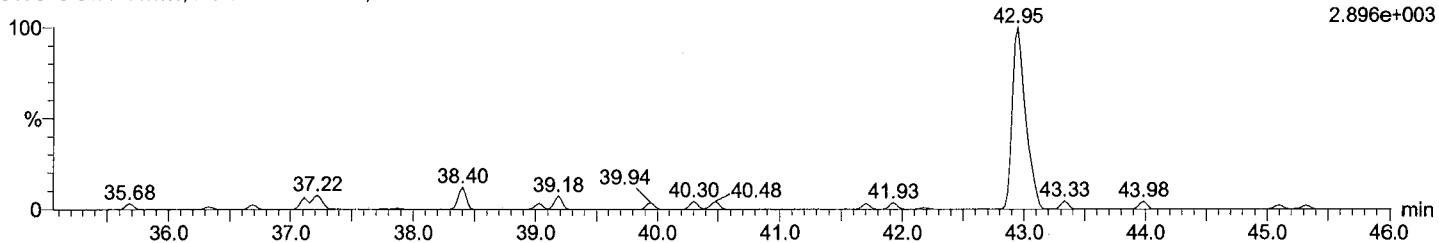
Time: 03:51:07

Instrument:

Total DeCB F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

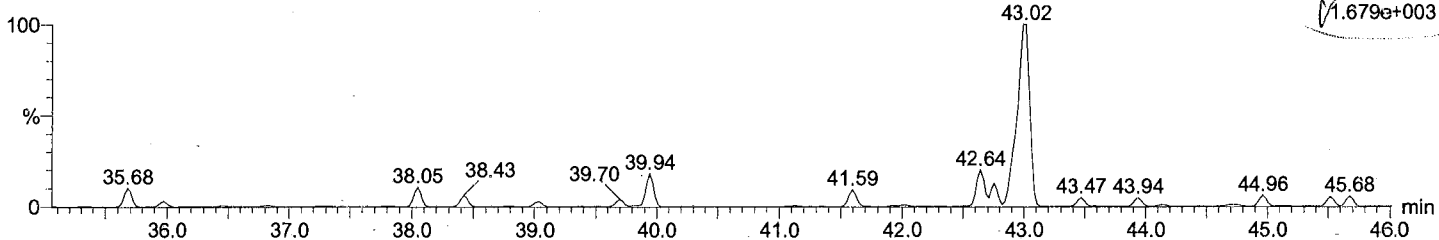
F7:Voltage SIR,EI+  
497.6826  
2.896e+003



Total DeCB F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

F7:Voltage SIR,EI+  
499.6797  
1.679e+003

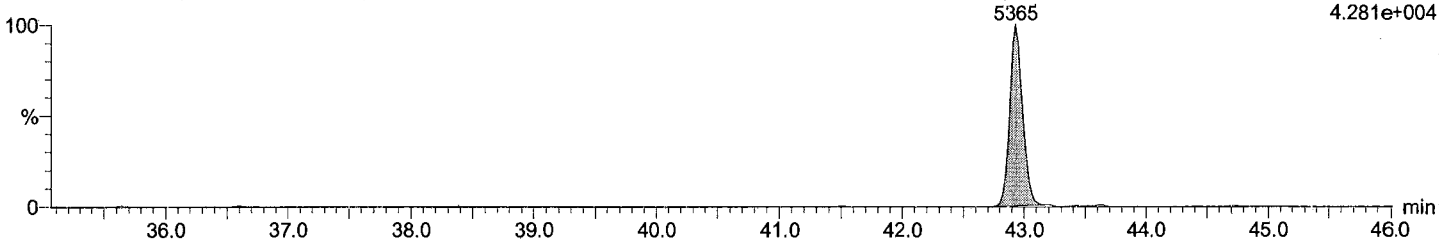


Total DeCB labeled F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

PCB 209L  
42.93  
5365

F7:Voltage SIR,EI+  
509.7229  
4.281e+004

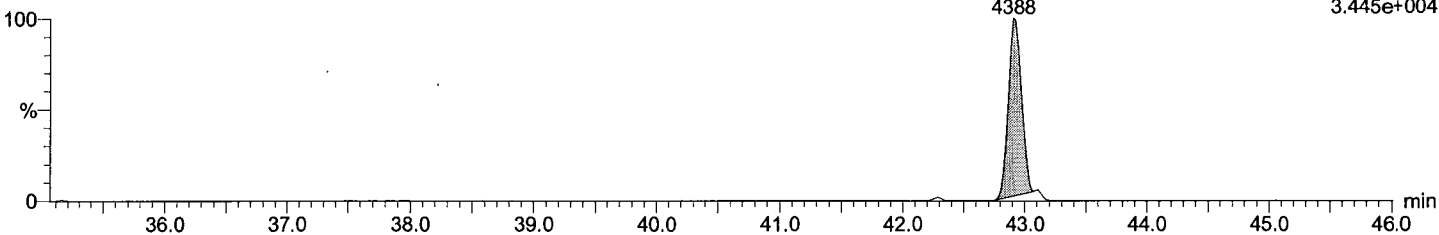


Total DeCB labeled F7

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3

PCB 209L  
42.91  
4388

F7:Voltage SIR,EI+  
511.7199  
3.445e+004



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM

Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R

Vial: 13

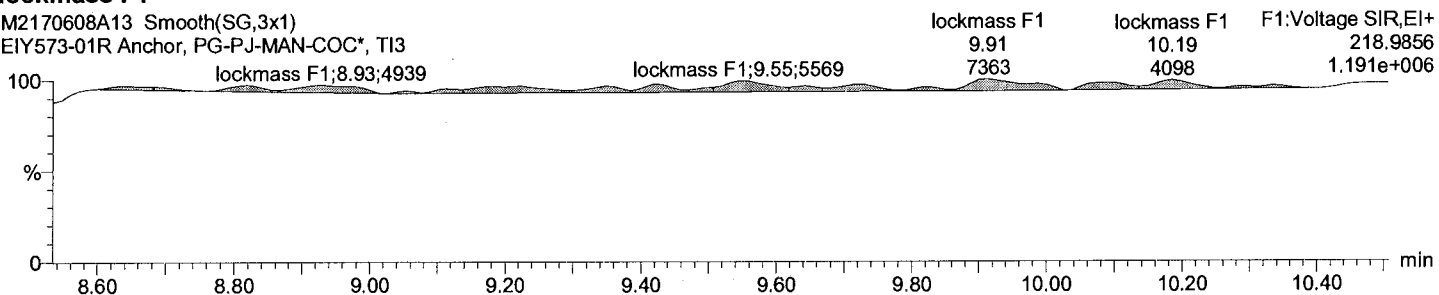
Date: 09-Jun-2017

Time: 03:51:07

Instrument:

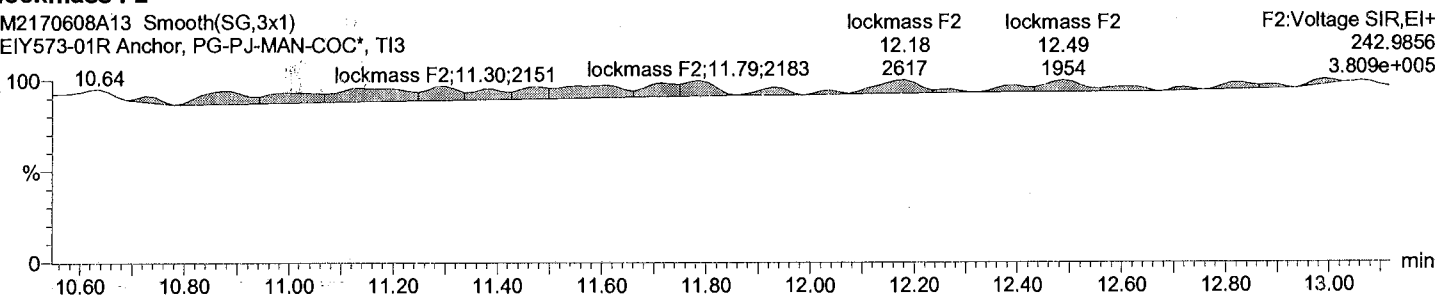
lockmass F1

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3



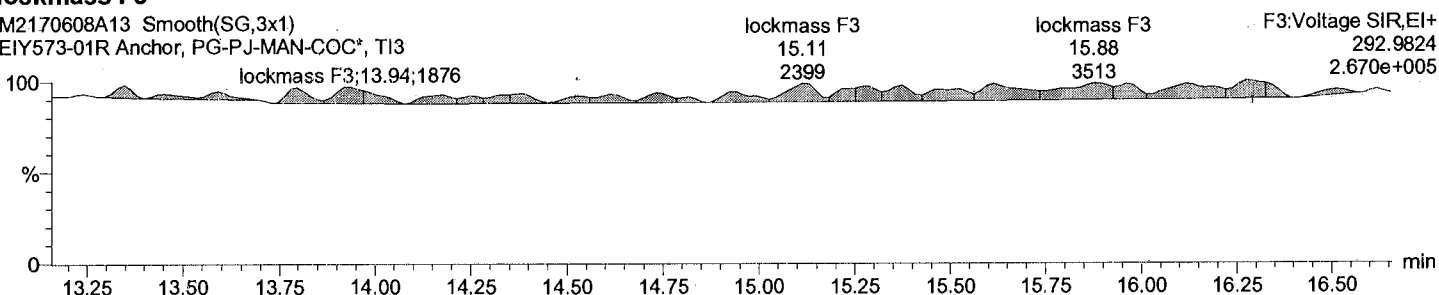
lockmass F2

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3



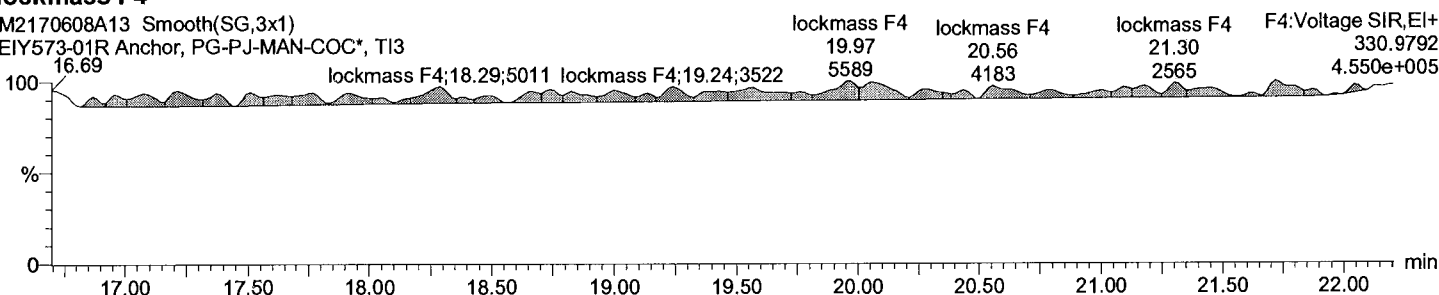
lockmass F3

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3



lockmass F4

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, TI3



Acquired Date

Dataset: C:\MassLynx\Default.pro\M2170608A\_\M2170608A\_sample\_1668A.qld

Last Altered: Friday, June 09, 2017 3:59:56 PM

Printed: Friday, June 09, 2017 4:00:45 PM

Description: EIY573-01R

Vial: 13

Date: 09-Jun-2017

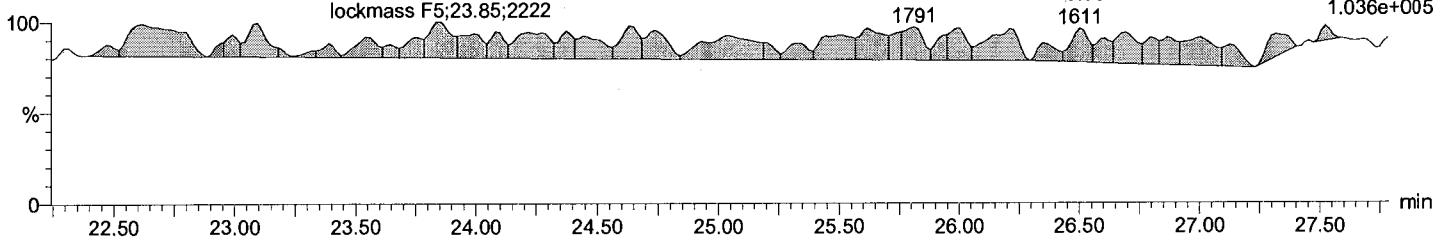
Time: 03:51:07

Instrument:

lockmass F5

M2170608A13 Smooth(SG,3x1)

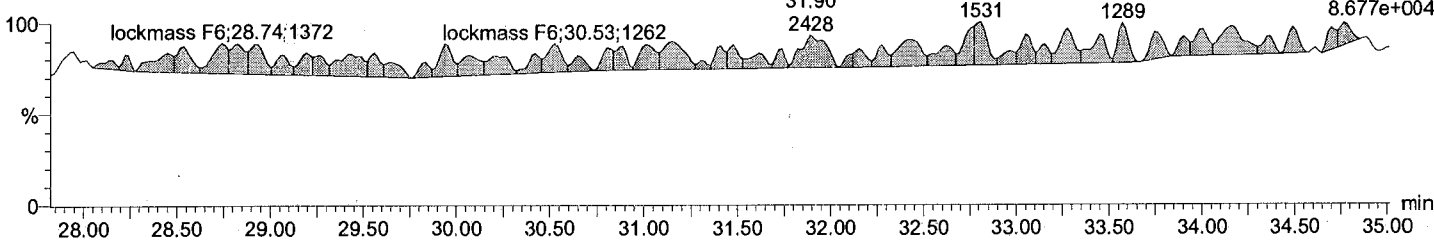
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13



lockmass F6

M2170608A13 Smooth(SG,3x1)

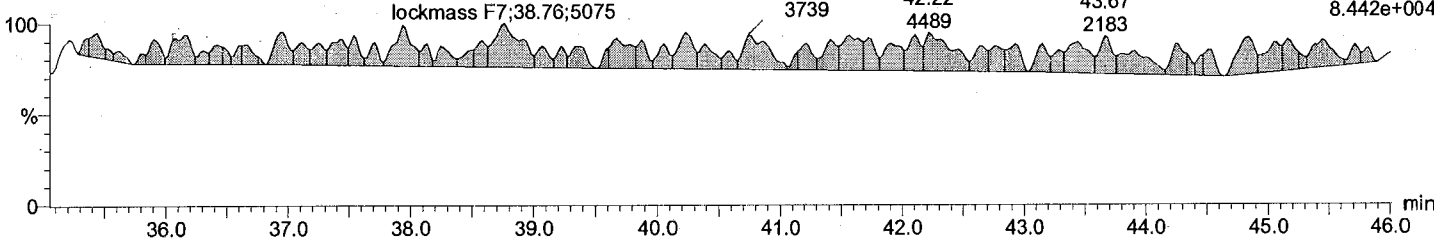
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13



lockmass F7

M2170608A13 Smooth(SG,3x1)

EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13



M2170608A13 Smooth(SG,2x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

*Before*  
*17.06.09*  
*AM.*

PCB 117/116/85;20.87;1343.10;1.21 -22.15%

M2170608A13 Smooth(SG,2x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

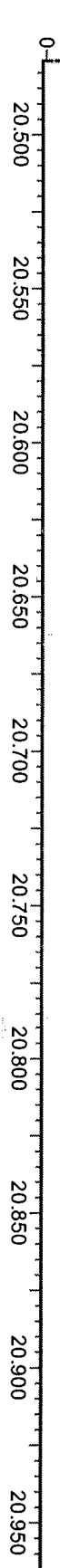
PCB 117/116/85  
20.87  
1113.03

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

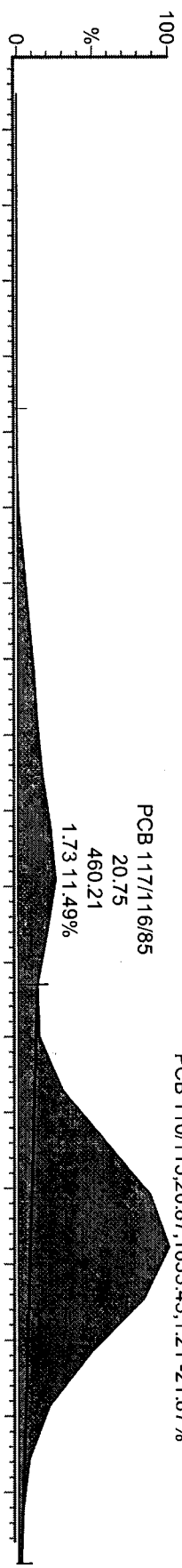
20.75

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

*Q2*  
*20170613*

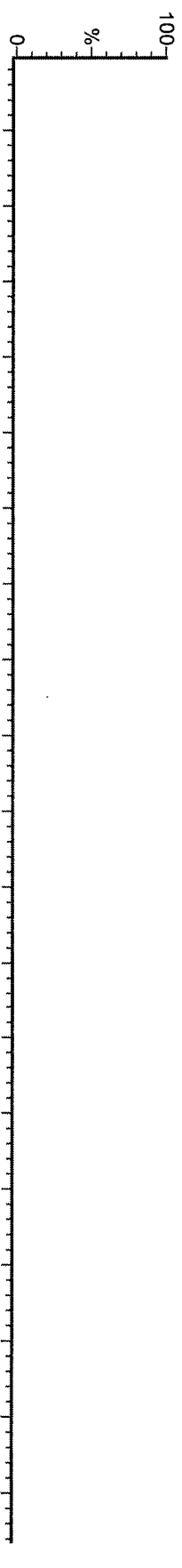


M2170608A13 Smooth(SG,2x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13

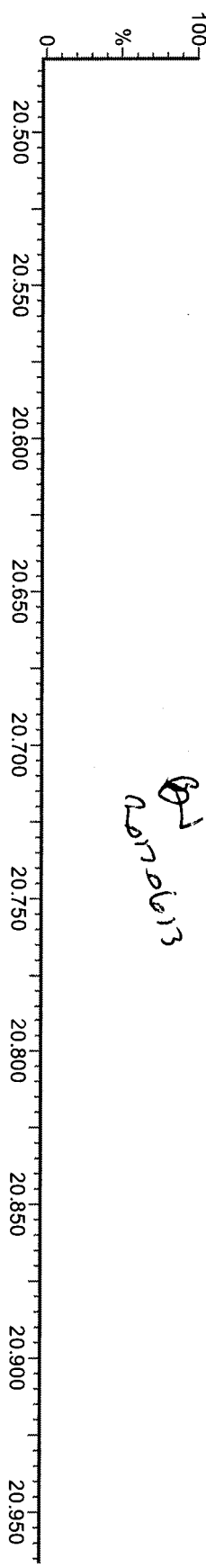


✓ M2; M3  
17-05-09  
AA

M2170608A13 Smooth(SG,3x1)  
EIY573-01R Anchor, PG-PJ-MAN-COC\*, T13



Handwritten note: *20.75 20.75 266.30*



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 RFS  
Using post concal

=A

=B

=C

=D

=E

=F

=G

=H

=I

=A\*(C\*H\*F)\*I

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



Sample ID EIY571-01R, reinj

Comments

Instrument File Ultima 1

Sample Size 10.048

Dil Fac 1.00

5X

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	Isomers	DL	S/N	Mod	rrf	Rec
1 PCB 1	188	8.81	394	3.53	506	0.000209			-0.000142901	4	yes	1.053	-
	MoCB 190	8.81	112	yes						4			
2 PCB 2	188	9.91	1033	3.46	1332	0.000474			-0.000126682	11	yes	1.188	-
	MoCB 190	9.91	299	yes						10			
3 PCB 3	188	10.00	600	2.7	822	0.000321			-0.00014283	7	yes	1.055	-
	MoCB 190	10.00	222	yes						6			
4 PCB 4	222	NotFnd	*	*	*	-0.000485			-0.000484882	*	no	1.191	-
	DICB 224	10.12	*	no						*			
5 PCB 10	222	NotFnd	*	*	*	-0.000484			-0.000484475	*	no	1.192	-
	DICB 224	10.21	*	no						*			
6 PCB 9	222	NotFnd	*	*	*	-0.000245			-0.000244955	*	no	1.471	-
	DiCB 224	11.01	*	no						*			
7 PCB 7	222	NotFnd	*	*	*	-0.000255			-0.00025465	*	no	1.415	-
	DICB 224	11.09	*	no						*			
8 PCB 6	222	NotFnd	*	*	*	-0.000249			-0.000248675	*	no	1.449	-
	DICB 224	11.19	*	no						*			
9 PCB 5	222	NotFnd	*	*	*	-0.000297			-0.000297302	*	no	1.212	-
	DICB 224	11.31	*	no						*			
10 PCB 6	222	11.36	-2771	1.56	-4547.282	-0.001021	PCB 8 NDR		-0.000206611	30	xL	1.744	-
	DICB 224	11.37	-1776.282	OK						27			
11 PCB 14	222	NotFnd	*	*	*	-0.000248			-0.000247649	*	no	1.455	-
	DICB 224	12.03	*	no						*			
12 PCB 11	222	12.42	13736	1.56	22527	0.006022			-0.000246295	123	yes	1.463	-
	DICB 224	12.40	8791	yes						109			
13 PCB 13/12	222	NotFnd	*	*	*	-0.000253			-0.000252863	*	no	1.425	-
	DICB 224	12.54	*	no						*			
14 PCB 15	222	12.70	-2220	1.58	-3643.077	-0.000961	PCB 15 NDR		-0.000378914	15	xL	0.956	-
	DICB 224	12.68	-1423.077	OK						15			
15 PCB 19	256	11.50	229	0.68	563	-0.000647			-0.000646684	*	yes	1.06	-
	TriCB 258	11.48	334	no						*			
16 PCB 30/18	256	12.27	2823	1.04	5536	0.001707			-0.00065534	29	yes	1.046	-
	TriCB 258	12.27	2714	yes						25			
17 PCB 17	256	12.46	1233	1.39	2116	-0.000823			-0.000822911	*	no	0.833	-
	TriCB 258	12.48	884	no						*			
18 PCB 27	256	12.56	472	1.16	879	-0.00056			-0.00056958	*	yes	1.225	-
	TriCB 258	12.56	407	yes						*			
19 PCB 24	256	NotFnd	*	*	*	-0.000618			-0.000617554	*	no	1.11	-
	TriCB 258	12.61	*	no						*			
20 PCB 16	256	12.68	1034	1.27	1848	-0.000931			-0.000931306	*	yes	0.736	-
	TriCB 258	12.69	814	no						*			
21 PCB 32	256	12.90	1348	0.92	2808	0.000893			-0.000524874	11	no	1.306	-
	TriCB 258	12.90	1459	yes						10			
22 PCB 34	258	NotFnd	*	*	*	-0.000246			-0.000245657	*	no	1.367	-
	TriCB 258	13.48	*	no						*			
23 PCB 23	256	NotFnd	*	*	*	-0.000253			-0.000253062	*	no	1.327	-
	TriCB 258	13.56	*	no						*			
24 PCB 26/29	256	13.70	-1297.92	1.04	-2545.92	-0.000575	PCB 26/29 NDR		-0.000236655	10	xL	1.419	-
	TriCB 258	13.72	-1248	OK						7			
25 PCB 25	256	13.82	824	1.18	1521	0.000347			-0.000237492	5	yes	1.414	-
	TriCB 258	13.85	897	yes						4			
26 PCB 31	256	13.90	-5093.92	1.04	-9991.92	-0.002114	PCB 31 NDR		-0.000221805	41	xL	1.514	-
	TriCB 258	14.01	-4898	OK						35			
27 PCB 28/20	256	14.13	9598	1.02	19011	0.004329			-0.000237156	66	no	1.416	-
	TriCB 258	14.16	9413	yes						65			
28 PCB 21/33	266	14.25	3419	1.19	6293	0.001412			-0.000233853	22	no	1.436	-
	TriCB 258	14.27	2874	yes						20			
29 PCB 22	256	14.46	2599	1.07	5021	0.00121			-0.000250981	16	yes	1.338	-
	TriCB 258	14.47	2422	yes						17			
30 PCB 36	256	15.29	653	1.61	1057	-0.000208			-0.000206147	*	Op-O	1.629	-
	TriCB 258	15.30	404	no						*			
31 PCB 39	256	NotFnd	*	*	*	-0.000229			-0.0002286	*	no	1.469	-
	TriCB 258	15.50	*	no						*			
32 PCB 38	258	NotFnd	*	*	*	-0.000233			-0.000232558	*	no	1.444	-
	TriCB 258	15.91	*	no						*			
33 PCB 35	256	16.12	408	1.08	786	-0.000239			-0.000239354	*	yes	1.403	-
	TriCB 258	16.10	378	yes						*			
34 PCB 37	256	16.36	2238	0.97	4555	0.001035			-0.000353116	13	no	0.951	-
	TriCB 258	16.36	2317	yes						15			
35 PCB 54	290	NotFnd	*	*	*	-0.000271			-0.000270692	*	no	1.071	-
	TCB 292	12.82	*	no						*			
36 PCB 53/50	290	13.84	-618	0.77	-1420.597	-0.000469	PCB 53/50 NDR		-0.000340693	6	xL	0.844	-
	TCB 292	13.88	-802.5974	OK						6			
37 PCB 45/51	290	14.22	1574	0.67	3913	0.001328			-0.000351093	11	yes	0.819	-
	TCB 292	14.21	2339	yes						12			
38 PCB 46	290	14.36	230	0.81	607	-0.00042			-0.000419774	*	yes	0.685	-
	TCB 292	14.35	377	no						*			
39 PCB 52	290	15.07	10684	0.75	24883	0.007829			-0.000325646	89	yes	0.883	-
	TCB 292	15.05	14199	yes						95			
40 PCB 73	290	15.19	162	0.42	543	-0.000244			-0.000243889	*	yes	1.179	-
	TCB 292	15.14	381	no						*			
41 PCB 43	290	NotFnd	*	*	*	-0.000476			-0.000476068	*	no	0.604	-
	TCB 292	15.21	*	no						*			
42 PCB 69/49	290	15.34	4777	0.73	11341	0.003343			-0.00030525	37	yes	0.942	-
	TCB 292	15.34	6564	yes						40			
43 PCB 48	290	15.52	1133	0.74	2673	0.00091			-0.000352384	9	yes	0.816	-
	TCB 292	15.50	1540	yes						9			
44 PCB 44/47/55	290	15.67	14801	0.67	36859	0.011342			-0.000318433	114	yes	0.903	-
	TCB 292	15.64	22058	yes						120			
45 PCB 59/62/75	290	15.86	775	0.66	1942	0.000494			-0.000263561	4	yes	1.091	-

95 PCB 155	360	NotFnd	*	*	*	-0.000177	-0.000177287	*	no	1.103	-
	HxCB 362	19.26	*	no	*			*			
96 PCB 152	360	NotFnd	*	*	*	-0.00023	-0.000229786	*	no	0.851	-
	HxCB 362	19.40	*	no	*			*			
97 PCB 150	360	NotFnd	*	*	*	-0.00027	-0.000270093	*	no	0.724	-
	HxCB 362	19.53	*	no	*			*			
98 PCB 136	360	19.80	2436	1.16	4542	0.002429	-0.000248472	19	no	0.787	-
	HxCB 362	19.78	2106	yes	*			22			
99 PCB 145	360	NotFnd	*	*	*	-0.000266	-0.000266414	*	no	0.734	-
	HxCB 362	20.03	*	no	*			*			
100 PCB 148	360	NotFnd	*	*	*	-0.000323	-0.000323219	*	no	0.605	-
	HxCB 362	21.13	*	no	*			*			
101 PCB 151/135	360	21.63	6788	1.1	12954	0.009359	-0.000335416	41	yes	0.583	-
	HxCB 362	21.61	6166	yes				48			
102 PCB 154	360	21.82	-719.2	1.24	-1299.2	-0.000793	-0.000291427	7	xL	0.671	-
	HxCB 362	21.82	-580	OK				6			
103 PCB 144	360	22.08	859	1.13	1621	0.001101	-0.000315399	7	yes	0.62	-
	HxCB 362	22.07	762	yes				8			
104 PCB 147/149	360	22.38	24055	1.21	43980	0.023702	-0.00042929	185	yes	0.761	-
	HxCB 362	22.36	19925	yes				187			
105 PCB 134/143	360	22.55	-1103.8	1.24	-1993.6	-0.001204	-0.000494507	10	xL	0.678	-
	HxCB 362	22.61	-890	OK				8			
106 PCB 139/140	360	22.86	-883.24	1.24	-1234.24	-0.000639	-0.000423863	11	xL	0.791	-
	HxCB 362	22.88	-551	OK				5			
107 PCB 131	360	23.04	345	1.33	604	-0.00054	-0.000539896	*	yes	0.621	-
	HxCB 362	23.05	259	yes				*			
108 PCB 142	360	NotFnd	*	*	*	-0.000482	-0.000482411	*	no	0.695	-
	HxCB 362	23.19	*	no	*			*			
109 PCB 132	360	23.43	6272	1.4	10766	0.006671	-0.000493778	45	no	0.679	-
	HxCB 362	23.44	4494	yes				41			
110 PCB 133	360	23.85	-694	1.24	-1253.677	-0.000682	-0.000445845	6	xL	0.752	-
	HxCB 362	23.86	-559.6774	OK				7			
111 PCB 165	360	NotFnd	*	*	*	-0.000351	-0.000351074	*	no	0.955	-
	HxCB 362	24.21	*	no	*			*			
112 PCB 146	360	24.42	7541	1.28	13437	0.006416	-0.000380131	53	no	0.882	-
	HxCB 362	24.41	5896	yes				54			
113 PCB 161	360	NotFnd	*	*	*	-0.000331	-0.0003313	*	no	1.012	-
	HxCB 362	24.53	*	no	*			*			
114 PCB 153/168	360	24.98	48414	1.32	85076	0.036824	-0.000344579	317	no	0.973	-
	HxCB 362	24.99	36862	yes				303			
115 PCB 141	360	25.15	2401	1.17	4460	0.002556	-0.000456779	17	no	0.734	-
	HxCB 362	25.14	2058	yes				20			
116 PCB 130	360	25.51	2202	1.21	4026	0.002409	-0.000476244	18	yes	0.704	-
	HxCB 362	25.51	1824	yes				15			
117 PCB 137	360	25.70	177	0.69	434	-0.000492	-0.000491806	*	yes	0.682	-
	HxCB 362	25.75	257	no				*			
118 PCB 164	360	25.82	3742	1.27	6681	0.002619	-0.000312175	20	yes	1.074	-
	HxCB 362	25.83	2939	yes				18			
119 PCB 138/163/129	360	26.12	38926	1.19	71767	0.036455	-0.000404434	260	yes	0.829	-
	HxCB 362	26.15	32841	yes				250			
120 PCB 160	360	NotFnd	*	*	*	-0.000364	-0.00036443	*	no	0.92	-
	HxCB 362	26.30	*	no	*			*			
121 PCB 158	360	26.50	-3139.68	1.24	-5671.68	-0.002134	-0.000308158	30	xL	1.088	-
	HxCB 362	26.47	-2532	OK				22			
122 PCB 128/166	360	27.31	5083	1.15	9512	0.004486	-0.000375449	31	yes	0.893	-
	HxCB 362	27.31	4428	yes				32			
123 PCB 150	360	NotFnd	*	*	*	-0.000167	-0.000166948	*	no	1.209	-
	HxCB 362	28.27	*	no	*			*			
124 PCB 162	360	NotFnd	*	*	*	-0.000167	-0.000167363	*	no	1.206	-
	HxCB 362	28.53	*	no	*			*			
125 PCB 167	360	29.03	-1209	1.24	-2184	-0.000719	-0.000182992	12	xL	1.103	-
	HxCB 362	29.02	-975	OK				12			
126 PCB 156/157	360	30.15	2379	1.17	4416	0.001551	-0.00019278	18	yes	1.047	-
	HxCB 362	30.18	2036	yes				16			
127 PCB 169	360	NotFnd	*	*	*	-0.000194	-0.000194077	*	no	1.04	-
	HxCB 362	33.56	*	no	*			*			
128 PCB 168	394	NotFnd	*	*	*	-0.00023	-0.000230022	*	no	1.069	-
	HpCB 396	23.79	*	no	*			*			
129 PCB 179	394	24.08	3447	0.98	6981	0.002903	-0.000220929	24	no	1.113	-
	HpCB 396	24.07	3534	yes				24			
130 PCB 184	394	NotFnd	*	*	*	-0.00023	-0.000230239	*	no	1.068	-
	HpCB 396	24.55	*	no	*			*			
131 PCB 176	394	24.87	-701	1.05	-1368.619	-0.000608	-0.000235756	5	xL	1.043	-
	HpCB 396	24.86	-667.619	OK				8			
132 PCB 186	394	NotFnd	*	*	*	-0.00025	-0.000249892	*	no	0.984	-
	HpCB 396	25.26	*	no	*			*			
133 PCB 178	394	26.55	2239	1	4485	0.002716	-0.000321851	13	no	0.764	-
	HpCB 396	26.54	2245	yes				16			
134 PCB 175	394	27.10	-400.05	1.05	-781.05	-0.000445	-0.000302452	3	xL	0.813	-
	HpCB 396	27.14	-381	OK				3			
135 PCB 187	394	27.40	10917	1.18	20190	0.011365	-0.000298777	64	no	0.823	-
	HpCB 396	27.37	9273	yes				62			
136 PCB 182	394	NotFnd	*	*	*	-0.000309	-0.000308912	*	no	0.796	-
	HpCB 396	27.59	*	no	*			*			
137 PCB 183	394	28.01	4551	1.07	8820	0.003843	-0.000406932	28	yes	1.063	-
	HpCB 396	27.99	4270	yes				26			
138 PCB 185	394	NotFnd	*	*	*	-0.000528	-0.000527523	*	no	0.82	-
	HpCB 396	28.08	*	no	*			*			
139 PCB 174	394	28.23	4237	0.97	8621	0.0044	-0.000476923	23	yes	0.907	-
	HpCB 396	28.24	4384	yes				30			
140 PCB 177	394	28.65	-4348.05	1.05	-8489.05	-0.004414	-0.000485487	31	xL	0.891	-
	HpCB 396	28.65	-4141	OK				26			
141 PCB 181	394	NotFnd	*	*	*	-0.000481	-0.000480632	*	no	0.9	-
	HpCB 396	29.06	*	no	*			*			
142 PCB 171/173	394	29.29	-1329	1.05	-2594.714	-0.001375	-0.00049493	8	xL	0.874	-
	HpCB 396	29.28	-1265.714	OK				11			
143 PCB 172	394	30.92	404	1.18	747	-0.000479	-0.000479038	*	yes	0.903	-
	HpCB 396	30.93	342	yes				*			
144 PCB 192	394	NotFnd	*	*	*	-0.000393	-0.000392888	*	no	1.101	-

145 PCB 193/180	HpCB 396	31.24	*	no					*
	394	31.62	8639	1.15	16134	0.00717			46
	HpCB 396	31.59	7496	yes			-0.000373871	yes	1.157
146 PCB 191	394	NotFnd	*	*				37	
	HpCB 396	31.97	*	no			-0.000350542	no	1.234
147 PCB 170	394	32.92	3079	1.18	5683	0.003098			
	HpCB 396	32.94	2604	yes			-0.000369402	yes	1.171
148 PCB 190	394	33.48	842	1.08	1624	0.000603			
	HpCB 396	33.50	783	yes			-0.000346888	yes	1.247
149 PCB 189	394	36.33	300	1.23	544	-0.000616			
	HpCB 396	36.32	243	no			-0.000615939	yes	0.922
150 PCB 202	428	28.80	-607	0.89	-1289.022	-0.000531	PCB 202 NDR	-0.000105212	14
	OcCB 430	28.78	-682.0225	OK				15	xL 1.031
151 PCB 201	428	NotFnd	*	*					
	OcCB 430	29.70	*	no			-0.000101	-0.000100625	no 1.078
152 PCB 204	428	NotFnd	*	*					
	OcCB 430	30.39	*	no			-0.000102	-0.000102333	no 1.06
153 PCB 197	428	NotFnd	*	*					
	OcCB 430	30.62	*	no			-0.0001	-0.000100253	no 1.082
154 PCB 200	428	NotFnd	*	*					
	OcCB 430	30.74	*	no			-0.000107	-0.000106785	no 1.016
155 PCB 198/199	428	33.67	873	0.91	1833	0.004002			
	OcCB 430	33.67	960	yes			-0.000139605	20	yes 0.777
156 PCB 196	428	34.39	-314	0.89	-666.809	-0.000435	PCB 196 NDR	-0.000132446	9
	OcCB 430	34.39	-352.809	OK				9	xL 0.819
157 PCB 203	428	34.64	-415.63	0.89	-882.63	-0.000571	PCB 203 NDR	-0.000131483	10
	OcCB 430	34.58	-467	OK				9	xL 0.825
158 PCB 195	428	36.04	218	0.82	485	-0.000255			
	OcCB 430	36.03	266	no			-0.000255194		Op-O 0.931
159 PCB 194	428	36.65	-340	0.89	-722.0225	-0.000401	PCB 194 NDR	-0.00024697	4
	OcCB 430	36.65	-382.0225	OK				4	xL 0.962
160 PCB 205	428	NotFnd	*	*					
	OcCB 430	39.20	*	no			-0.00024	-0.000239501	no 0.992
161 PCB 208	462	35.80	2021	0.77	4644	0.002897			
	NoCB 464	35.81	2623	yes			-0.000802399	8	no 1.042
162 PCB 207	462	36.84	420	0.44	1376	-0.000757			
	NoCB 464	36.85	956	no			-0.000757231	7	Op-O 1.228
163 PCB 206	462	41.17	1345	0.72	3201	0.003825			
	NoCB 464	41.17	1856	yes			-0.000914337	4	yes 1.017
164 PCB 209	498	43.04	1974	1.11	3753	0.005208			
	DCB 500	43.09	1779	yes			-0.000599314	21	no 1.026
166 PCB 1L	200	8.81	344801	3.06	457575	0.085137			
	202	8.82	112774	yes			0.001	2987	no 0.997 43
166 PCB 3L	200	9.99	365348	3.09	483503	0.085408			
	202	9.99	118155	yes			0.001	104	no 1.05 43
167 PCB 4L	234	10.11	140757	1.57	230167	0.091952			
	236	10.10	89410	yes			0.001	3466	no 1.00 43
168 PCB 15L	234	12.68	480234	1.56	787936	0.125172			
	236	12.69	307702	yes			0	128	no 1.168 63
169 PCB 19L	268	11.48	161187	1.06	313367	0.108497			
	270	11.47	152180	yes			0.001	419	no 0.536 55
170 PCB 37L	268	16.35	466494	1.03	921599	0.164553			
	270	16.35	455106	yes			0.001	1038	no 1.848 83
171 PCB 54L	302	12.82	132264	0.78	301381	0.123966			
	304	12.82	169117	yes			0	548	no 0.802 62
172 PCB 81L	302	20.97	408999	0.8	918303	0.189664			
	304	20.97	509304	yes			0	1456	no 1.597 95
173 PCB 77L	302	21.42	409832	0.79	930054	0.190929			
	304	21.42	520223	yes			0	1165	no 1.607 96
174 PCB 104L	338	15.62	258201	1.59	420089	0.169976			
	340	15.64	161888	yes			0	2445	no 1.607 96
175 PCB 123L	338	23.04	532560	1.58	869104	0.202775			
	340	23.02	338544	yes			0	1154	no 0.912 85
176 PCB 118L	338	23.31	505543	1.55	832198	0.203323			
	340	23.31	326655	yes			0	8976	no 1.51 102
177 PCB 114L	338	23.80	487610	1.57	797711	0.20001			
	340	23.78	310101	yes			0	5015	no 1.471 100
178 PCB 105L	338	24.35	505009	1.62	816738	0.202409			
	340	24.34	311729	yes			0	1367	no 1.488 102
179 PCB 126L	338	27.19	365143	1.55	600345	0.15371			
	340	27.15	235202	yes			0	1294	no 1.44 77
180 PCB 155L	372	19.24	300342	1.26	537851	0.190017			
	374	19.26	237509	yes			0	905	no 1.01 95
181 PCB 167L	372	28.99	307975	1.26	551554	0.138246			
	374	29.00	243579	yes			0	2269	no 1.424 69
182 PCB 156L/157L	372	30.15	609789	1.29	1082702	0.258567			
	374	30.14	472913	yes			0	1574	no 1.495 65
183 PCB 169L	372	33.53	144541	1.25	260532	0.061269			
	374	33.54	115992	yes			0	2532	no 1.518 31
184 PCB 188L	406	23.76	310399	1.07	599935	0.187438			
	408	23.78	289536	yes			0	696	no 1.142 94
185 PCB 180L	406	31.59	199108	1.06	387088	0.28831			
	408	31.58	187980	yes			0.001	5089	no 1.343 145
186 PCB 170L	406	32.90	160377	1.06	311932	0.273325			
	408	32.89	151555	yes			0.001	1075	no 1.141 137
187 PCB 189L	406	36.29	214230	1.04	420748	0.218817			
	408	36.29	206519	yes			0.001	1761	no 1.141 137
188 PCB 202L	440	28.75	53589	0.92	111883	0.194329			
	442	28.76	58294	yes			0	846	no 1.923 110
189 PCB 205L	440	39.19	129290	0.87	278423	0.195555			
	442	39.19	149133	yes			0.001	1275	no 1.353 98
190 PCB 208L	474	35.78	136654	0.81	306217	0.233897			
	476	35.79	169563	yes			0	1435	no 1.424 98
191 PCB 206L	474	41.17	70536	0.76	163830	0.177417			
	476	41.20	93293	yes			0	1173	no 1.309 118
192 PCB 209L	510	43.04	73721	1.12	139751	0.168731			
	512	43.06	66031	yes			0	1042	no 0.924 89
193 PCB 28L	268	14.11	490694	1	980650	0.164313			
PCB Cleanup Standard 270		14.13	489956	yes			0.001	780	no 0.828 85
								1148	
								621	no 1.969 74
								662	

BL

194 PCB 111L	338	21.41	476840	1.62	771795	0.207333							
PCB Cleanup Standard	340	21.40	294955	yes			0	6266	no	1.373	94		
195 PCB 178L	406	26.51	213891	1.03	421958	0.205663							
PCB Cleanup Standard	408	26.52	208066	yes			0	3280	no	0.732	93		
196 PCB 31L	268	13.89	1201	1.12	2275	0.0004							
PCB Audit Standard	270	13.98	1075	yes			0.001	1	no	1.878	0		
197 PCB 95L	338	NotFnd	*	*	*								
PCB Audit Standard	340	17.38	*	no			0	2	no	0.916			
198 PCB 153L	372	24.96	8384	1.29	14892	0.004533							
PCB Audit Standard	374	24.98	6508	yes			0	82	no	1.173	2		
199 PCB 9L	234	10.99	3642599	1.57	5959088	14.5525							
PCB Recovery Standard	236	11.00	2316489	yes			-	121	no	-	-		
200 PCB 52L	302	15.07	1486119	0.8	3351607	14.52077							
PCB Recovery Standard	304	15.05	1865488	yes			-	7180	no	-	-		
201 PCB 101L	338	19.38	1847468	1.61	2998033	14.22262							
PCB Recovery Standard	340	19.36	1150565	yes			-	13558	no	-	-		
202 PCB 138L	372	26.10	1727550	1.26	3097716	14.25601							
PCB Recovery Standard	374	26.07	1370066	yes			-	4973	no	-	-		
203 PCB 194L	440	38.85	524152	0.9	1105616	6.392271							
PCB Recovery Standard	442	38.59	581464	yes			-	14014	no	-	-		
								26325	no	-	-		
								21995	no	-	-		
								17994	no	-	-		
								23944	no	-	-		
								4802	no	-	-		
								4100					
Chlorobiphenyls					0.001004		3	-0.000142901					
Dichlorobiphenyls					0.006022		1	-0.000464882					
Trichlorobiphenyls					0.010733		7	-0.000931366					
Tetrachlorobiphenyls					0.046579		13	-0.000476068					
Pentachlorobiphenyls					0.05113		11	-0.00051189					
Hexachlorobiphenyls					0.136578		13	-0.000539896					
Heptachlorobiphenyls					0.036098		8	-0.000615939					
Octachlorobiphenyls					0.004002		1	-0.000255194					
Nonachlorobiphenyls					0.006722		2	-0.000914337					
Decachlorobiphenyl					0.005208		1	-0.000599314					
PCB (total)					0.304076								

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

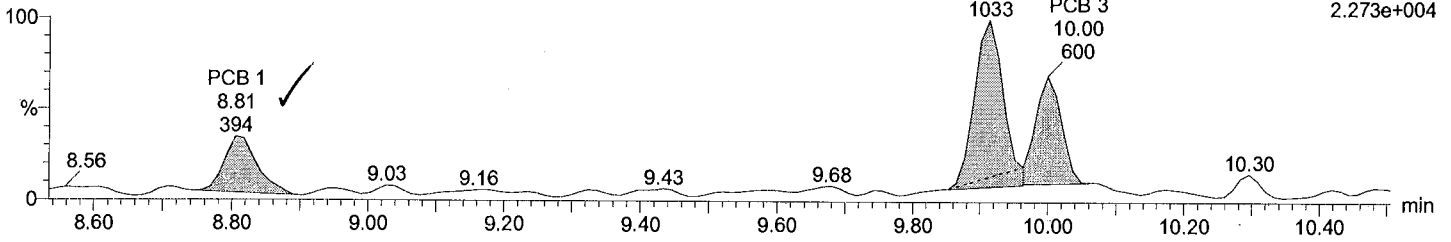
Time: 15:43:01

Instrument:

③

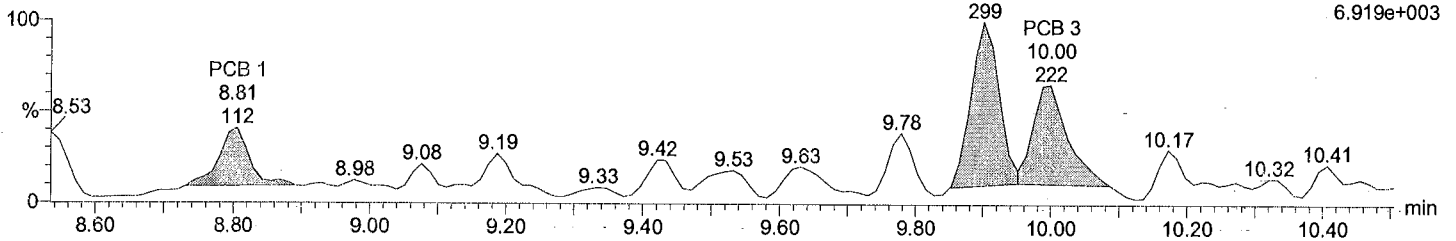
Total MoCB F1

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



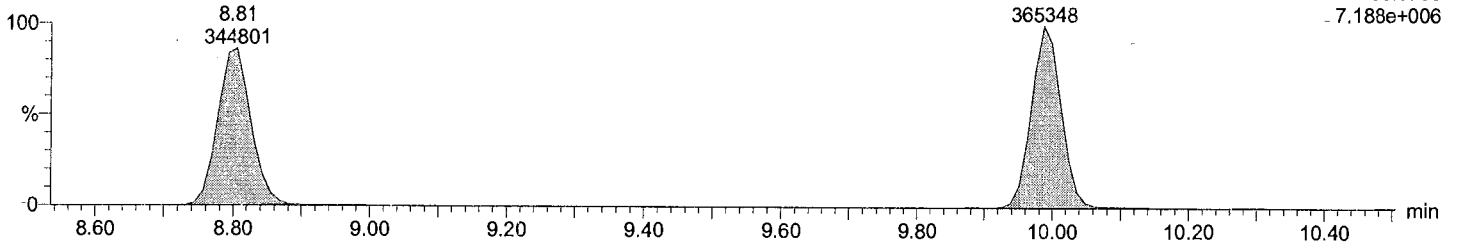
Total MoCB F1

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



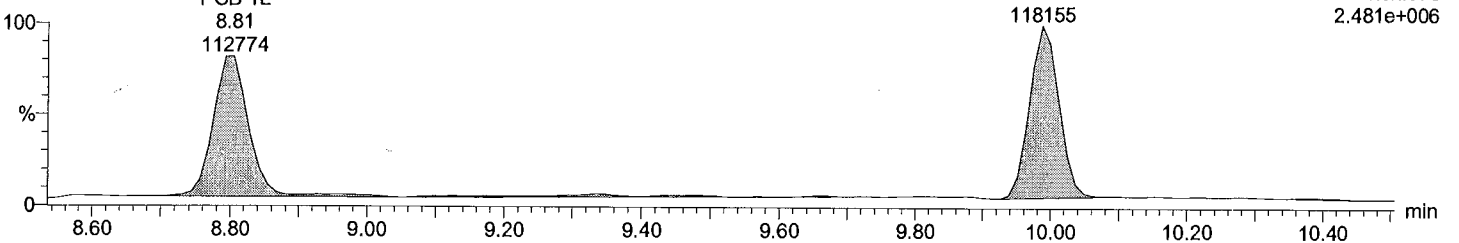
Total MoCB labeled F1

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



Total MoCB labeled F1

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj  
Vial: 7  
Date: 09-Jun-2017  
Time: 15:43:01  
Instrument:

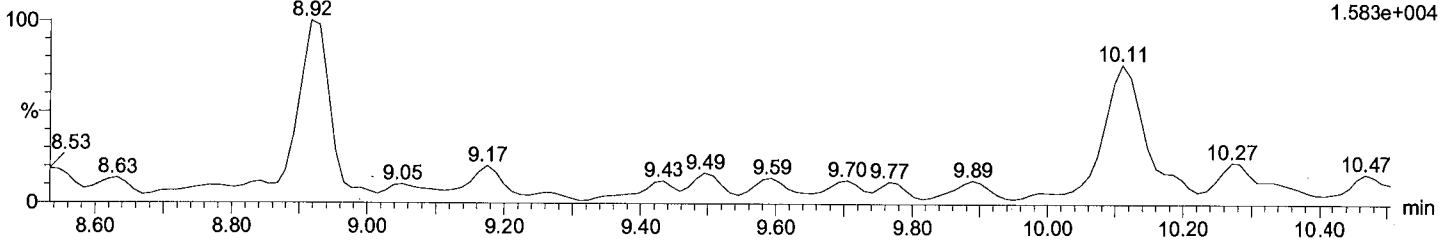
*h*

*h = 3.216E3*

**Total DiCB F1**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

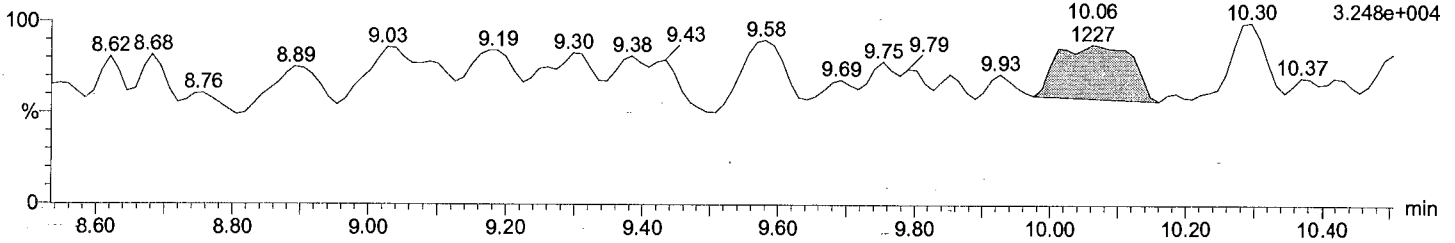
F1:Voltage SIR,EI+  
222.0003  
1.583e+004



**Total DiCB F1**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

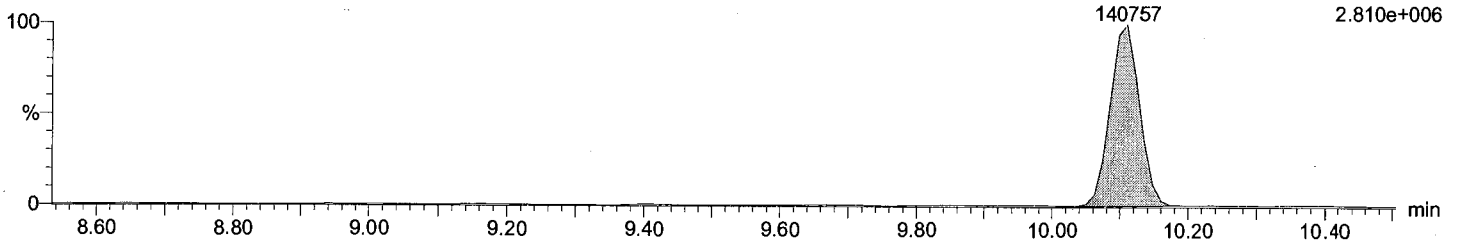
F1:Voltage SIR,EI+  
223.9974  
3.248e+004



**Total DiCB labeled F1**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

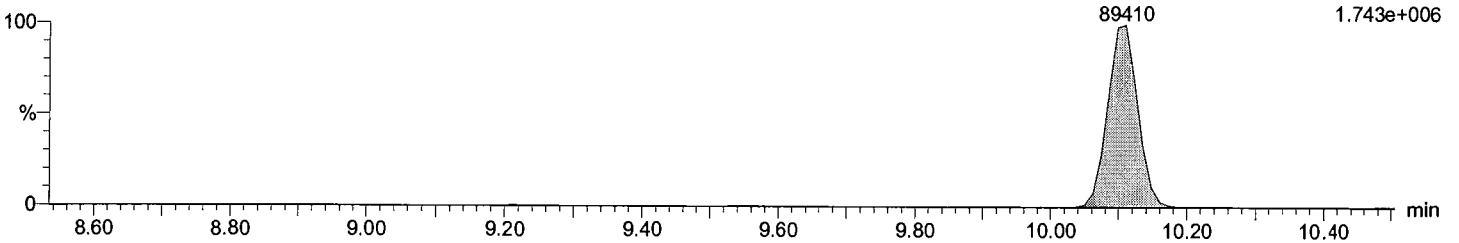
PCB 4L  
10.11  
140757  
F1:Voltage SIR,EI+  
234.0406  
2.810e+006



**Total DiCB labeled F1**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 4L  
10.11  
89410  
F1:Voltage SIR,EI+  
236.0376  
1.743e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

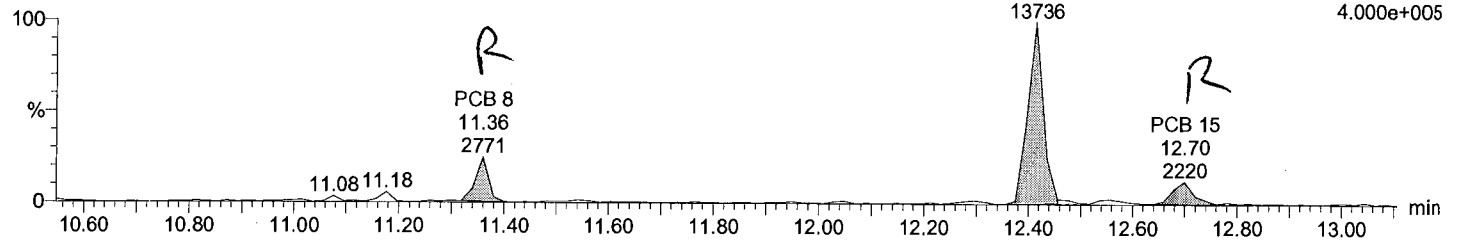
Date: 09-Jun-2017

Time: 15:43:01

Instrument:

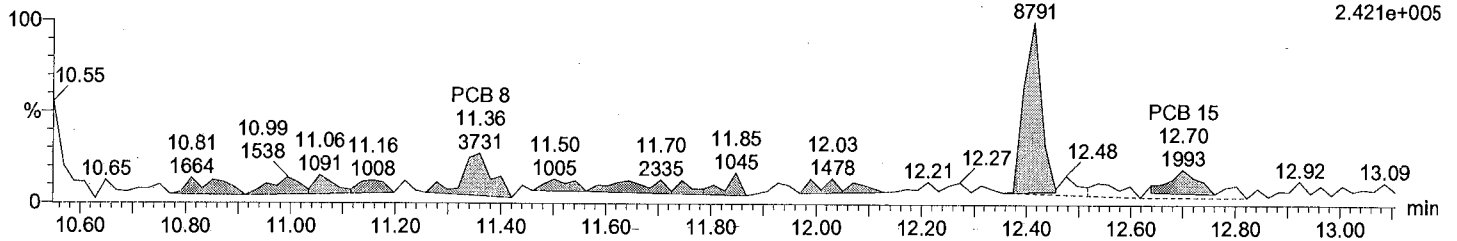
Total DiCB F2

M1170609A07  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



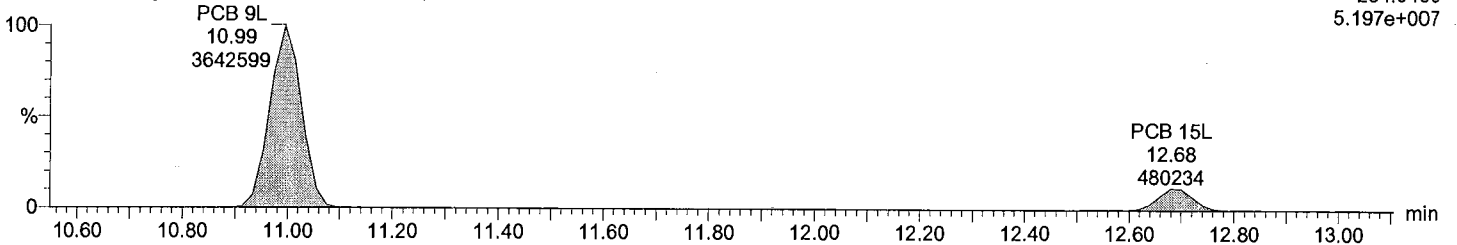
Total DiCB F2

M1170609A07  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



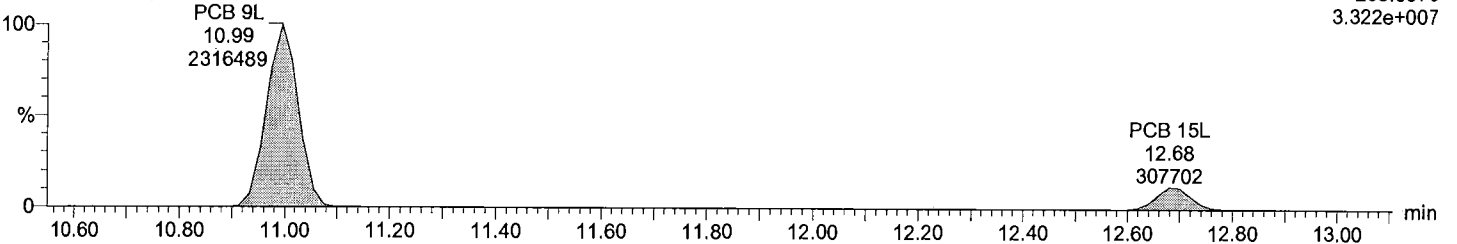
Total DiCB labeled F2

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



Total DiCB labeled F2

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

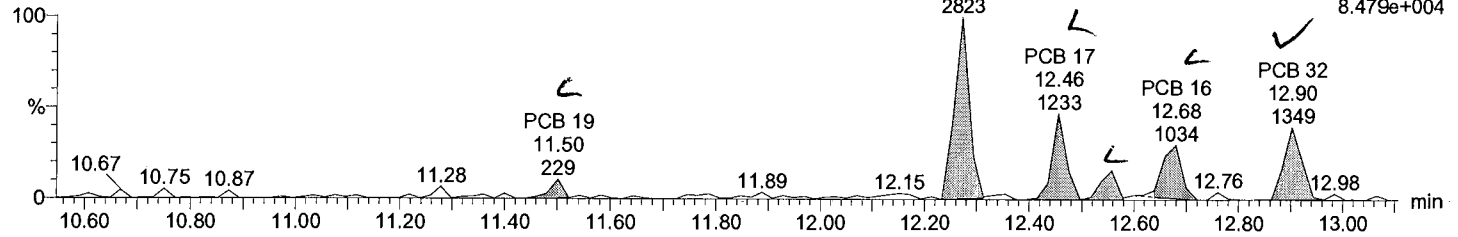
Time: 15:43:01

Instrument:

2

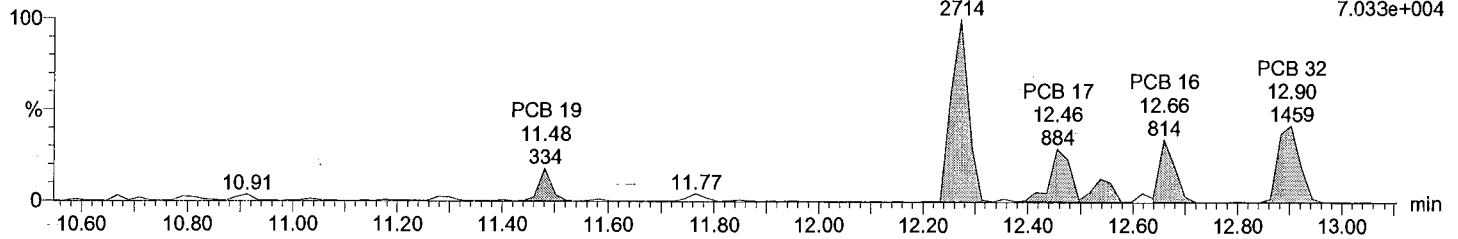
Total TriCB F2

M1170609A07  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



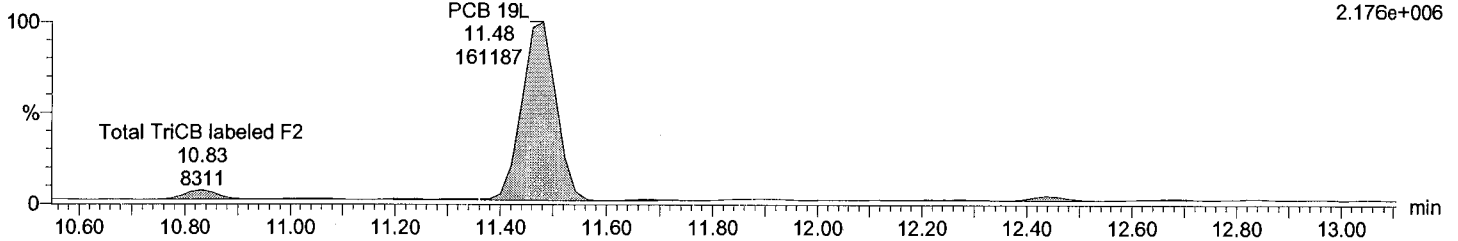
Total TriCB F2

M1170609A07  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



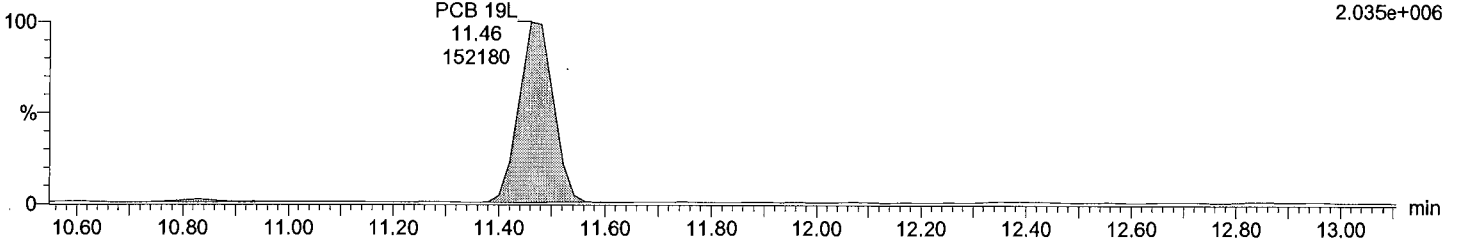
Total TriCB labeled F2

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



Total TriCB labeled F2

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI





Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

Time: 15:43:01

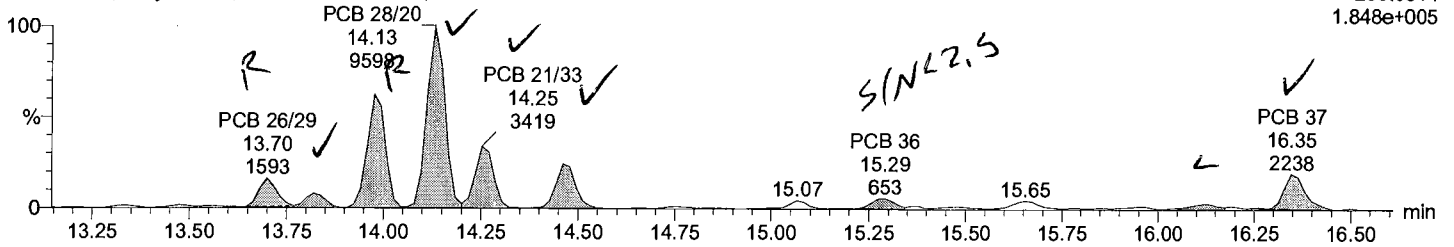
Instrument:

5

Total TriCB F3

M1170609A07 Smooth(SG,1x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

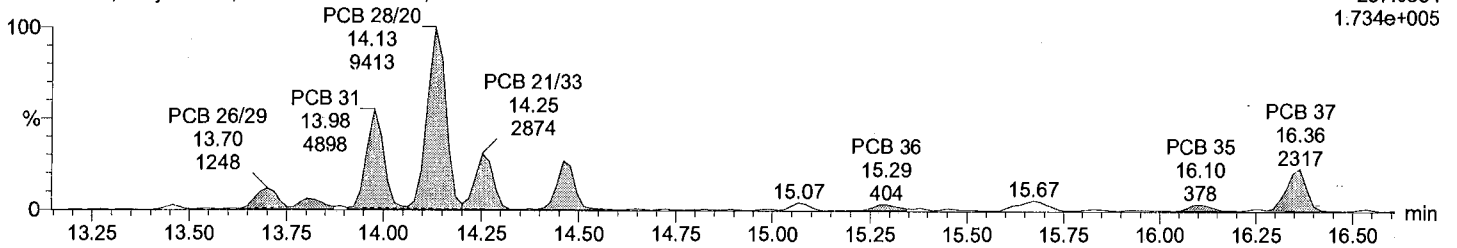
$n = 2.777E3$   
F3: Voltage SIR, EI+  
255.9614  
1.848e+005



Total TriCB F3

M1170609A07 Smooth(SG,1x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

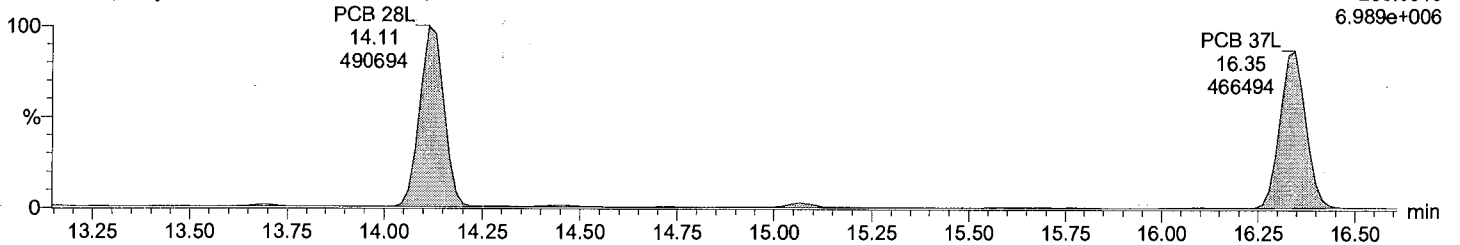
F3: Voltage SIR, EI+  
257.9584  
1.734e+005



Total TriCB labeled F3

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

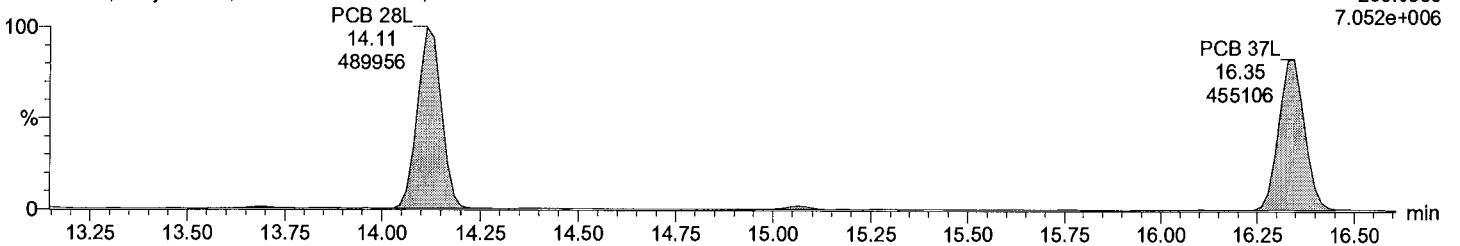
F3: Voltage SIR, EI+  
268.0016  
6.989e+006



Total TriCB labeled F3

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F3: Voltage SIR, EI+  
269.9986  
7.052e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

Time: 15:43:01

Instrument:

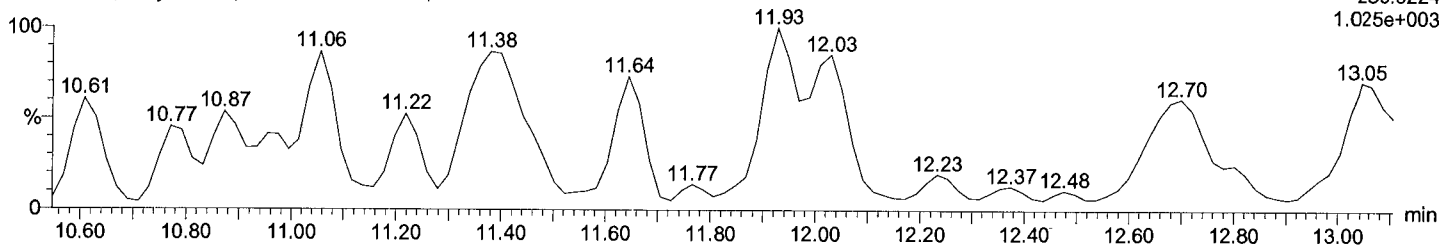
⊕

*h=1.025 E3*

**Total TeCB F2**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

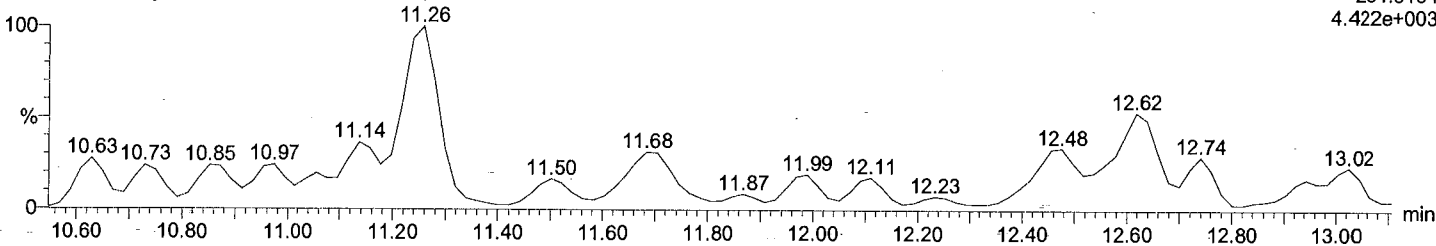
F2:Voltage SIR,EI+  
289.9224  
1.025e+003



**Total TeCB F2**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

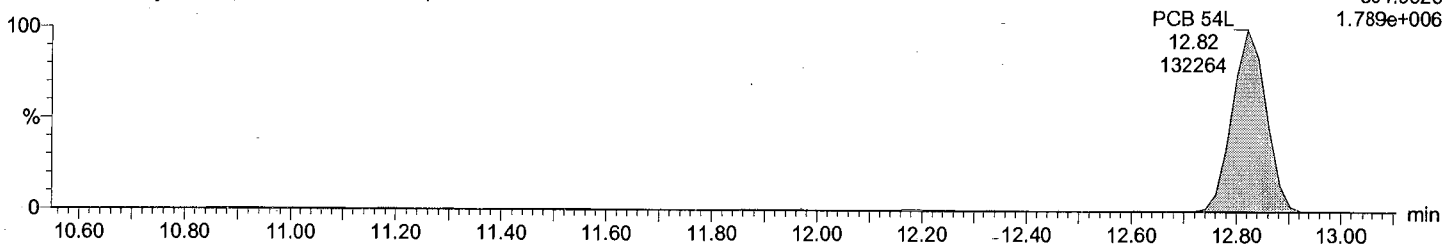
F2:Voltage SIR,EI+  
291.9194  
4.422e+003



**Total TeCB labeled F2**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

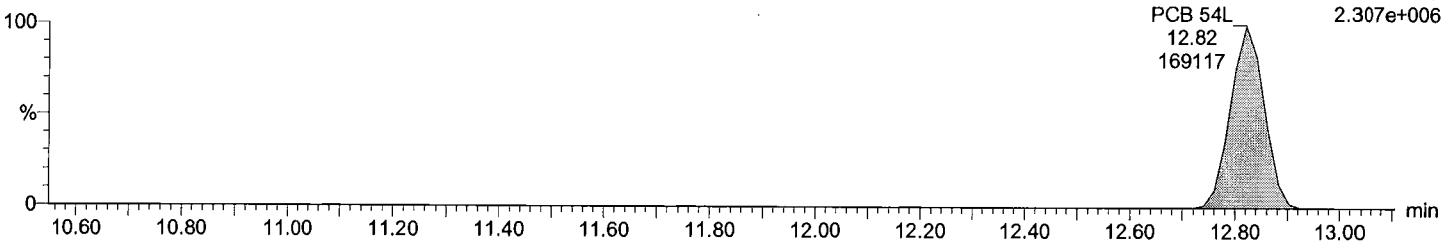
F2:Voltage SIR,EI+  
301.9626  
1.789e+006



**Total TeCB labeled F2**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
303.9597  
2.307e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

Time: 15:43:01

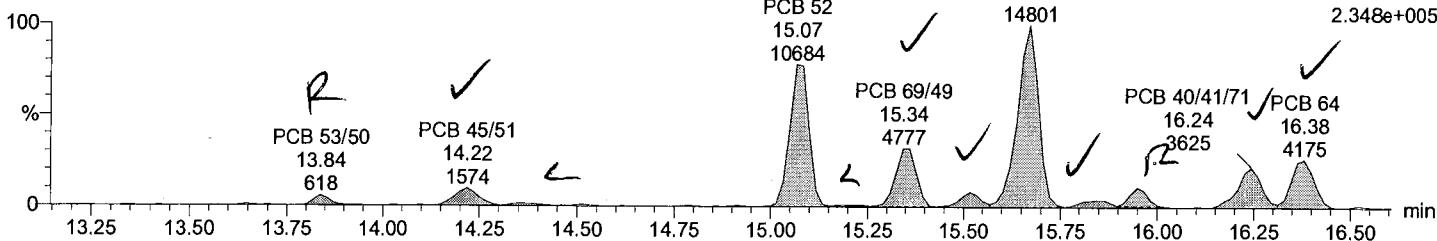
Instrument:

8

Total TeCB F3

M1170609A07 Smooth(SG,1x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

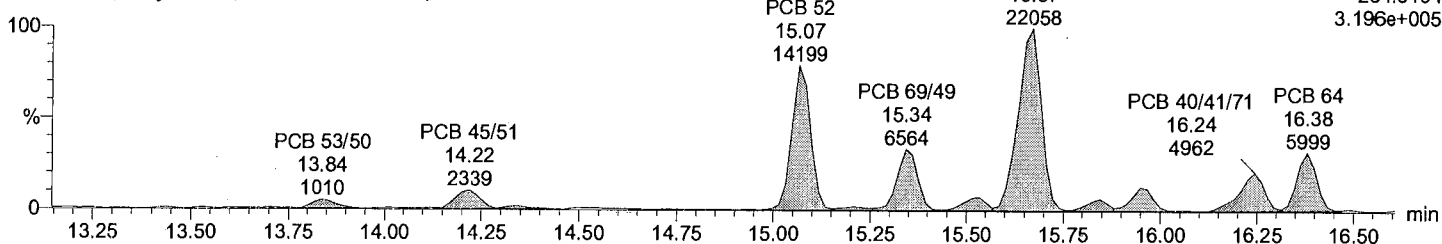
$h = 2.047E3$   
F3:Voltage SIR,EI+  
289.9224  
2.348e+005



Total TeCB F3

M1170609A07 Smooth(SG,1x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

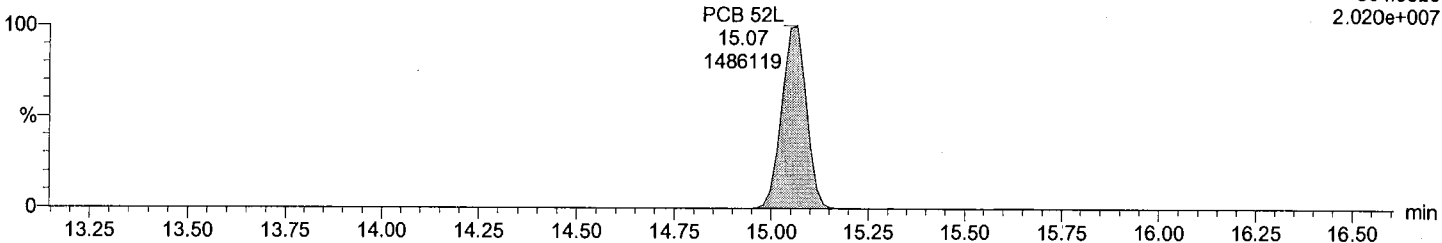
F3:Voltage SIR,EI+  
291.9194  
3.196e+005



Total TeCB labeled F3

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

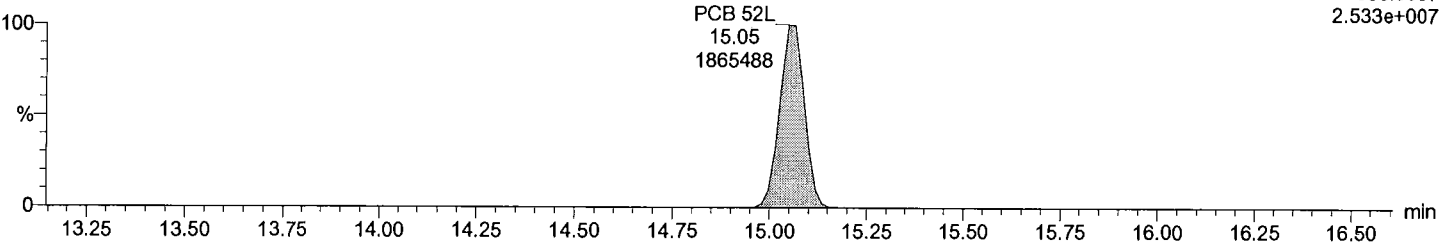
F3:Voltage SIR,EI+  
301.9626  
2.020e+007



Total TeCB labeled F3

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
303.9597  
2.533e+007



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

Time: 15:43:01

Instrument:

5

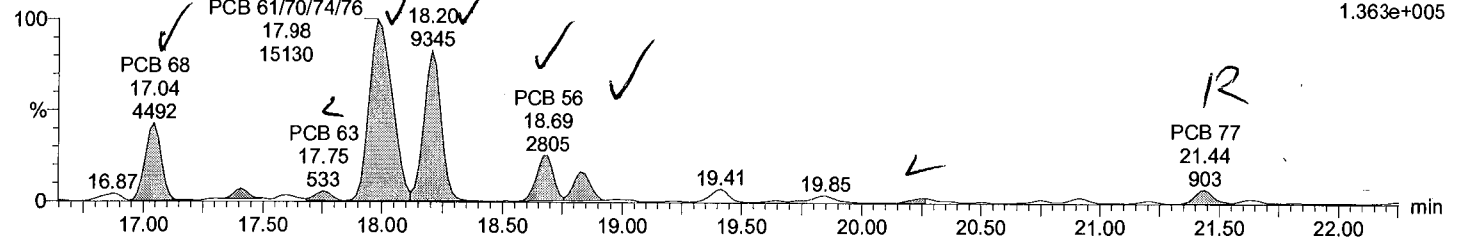
$h = 1.587E3$

Total TeCB F4

M1170609A07 Smooth(SG,3x1)

EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
289.9224  
1.363e+005

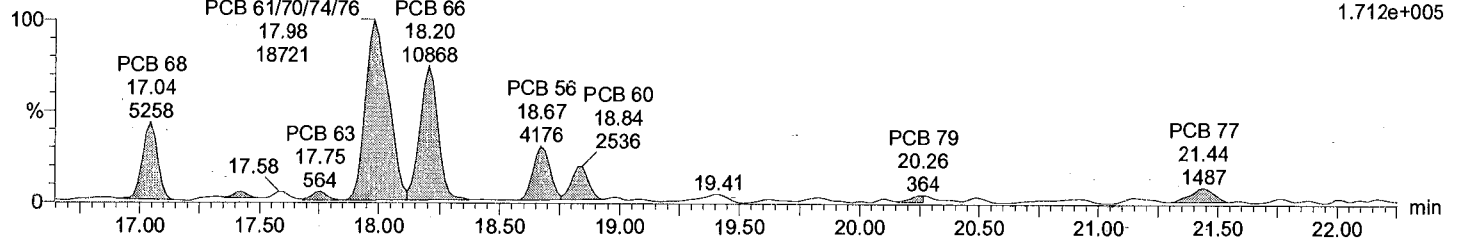


Total TeCB F4

M1170609A07 Smooth(SG,3x1)

EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
291.9194  
1.712e+005

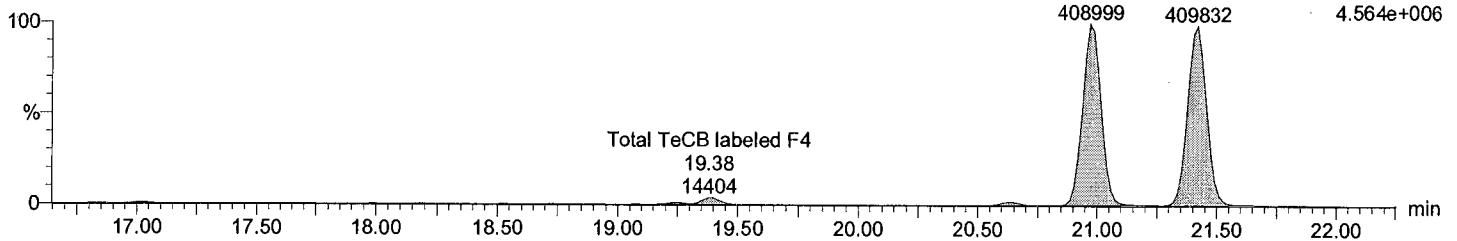


Total TeCB labeled F4

M1170609A07 Smooth(SG,3x1)

EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 81L 20.97 408999  
PCB 77L 21.42 409832  
F4:Voltage SIR,EI+  
301.9626  
4.564e+006

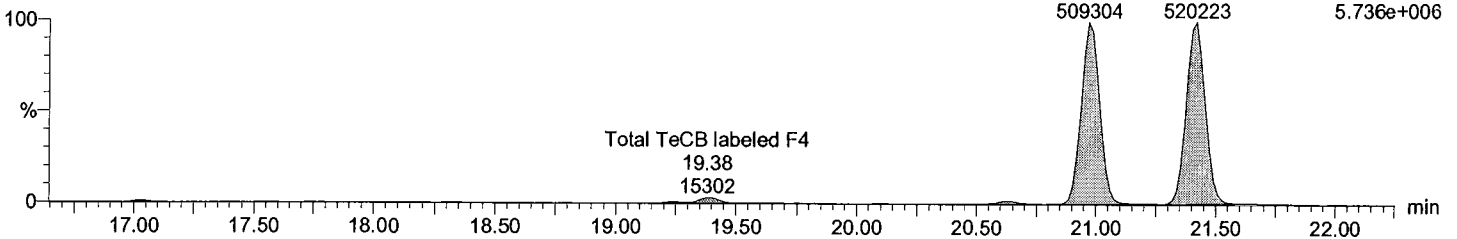


Total TeCB labeled F4

M1170609A07 Smooth(SG,3x1)

EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 81L 20.97 509304  
PCB 77L 21.42 520223  
F4:Voltage SIR,EI+  
303.9597  
5.736e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

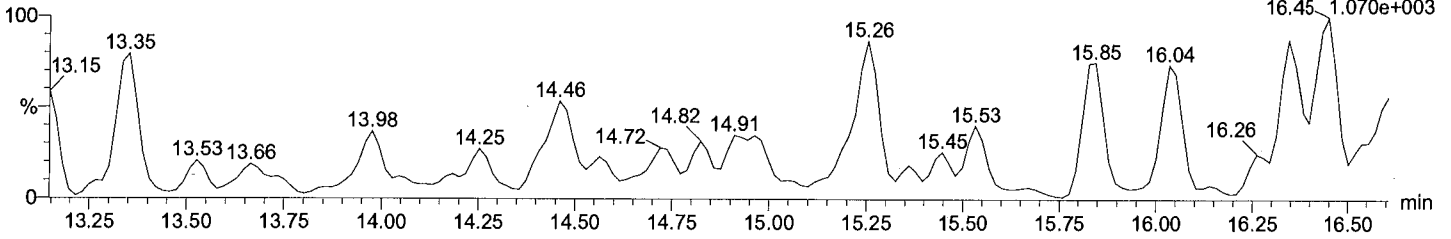
Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj  
Vial: 7  
Date: 09-Jun-2017  
Time: 15:43:01  
Instrument:

**Total PeCB F3**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

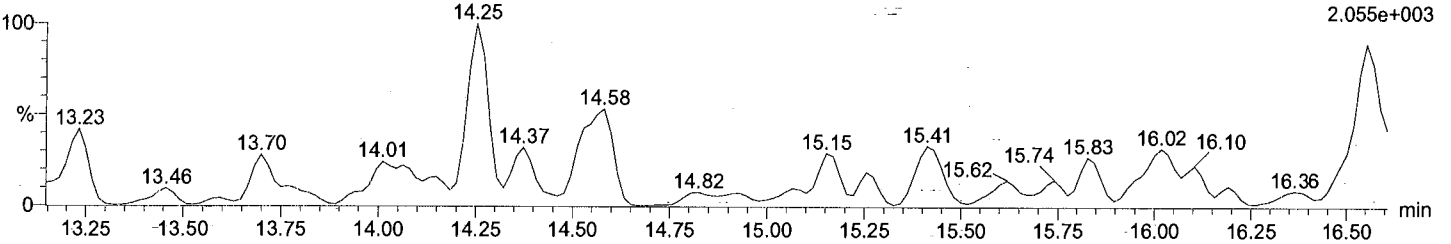
$h=1.07E3$   
F3:Voltage SIR,EI+  
325.8805  
16.45 1.070e+003



**Total PeCB F3**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
327.8775  
2.055e+003

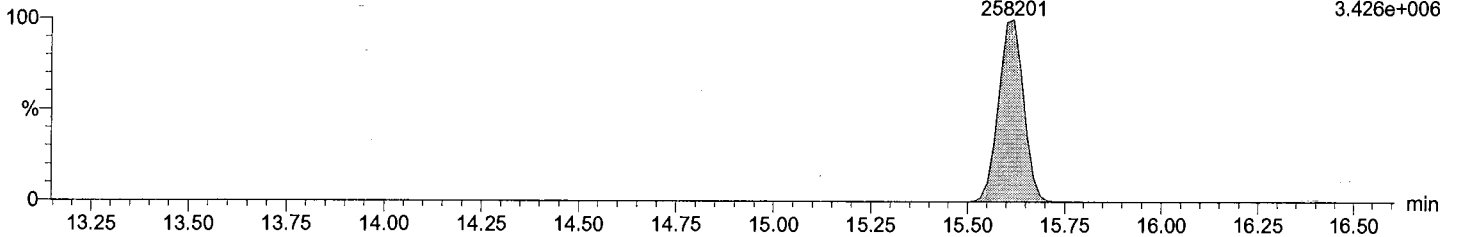


**Total PeCB labeled F3**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 104L  
15.62  
258201

F3:Voltage SIR,EI+  
337.9207  
3.426e+006

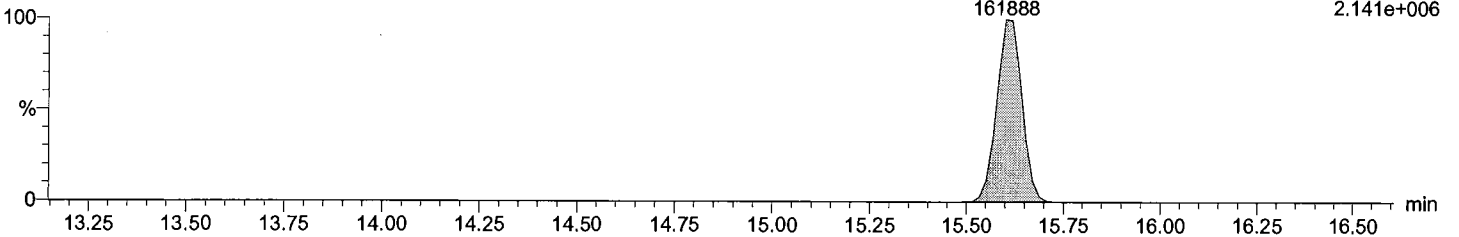


**Total PeCB labeled F3**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 104L  
15.60  
161888

F3:Voltage SIR,EI+  
339.9178  
2.141e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

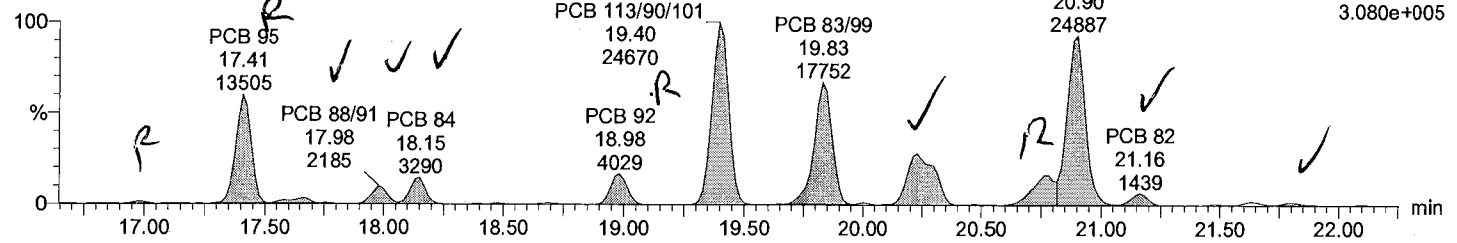
Time: 15:43:01

Instrument:

8

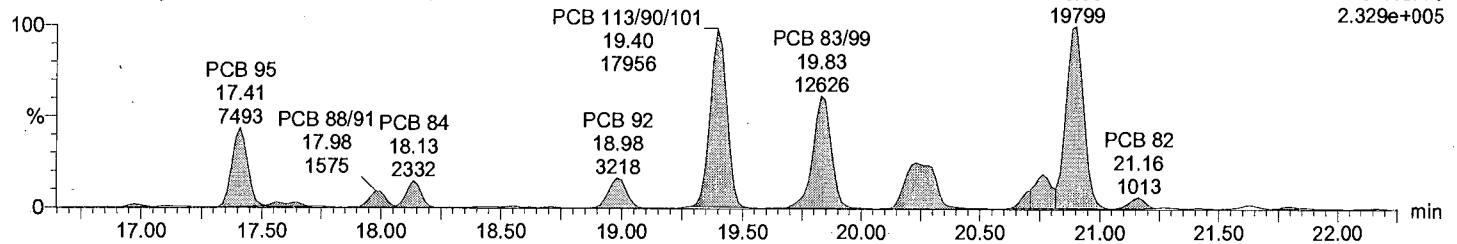
Total PeCB F4

M1170609A07 Smooth(SG,2x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



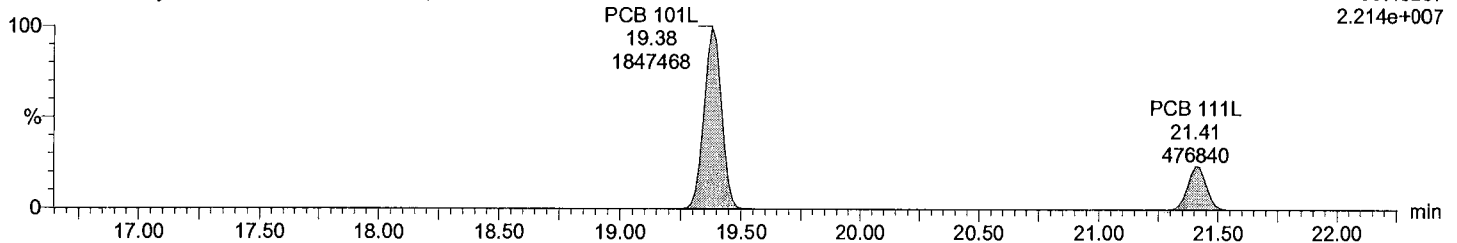
Total PeCB F4

M1170609A07 Smooth(SG,2x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



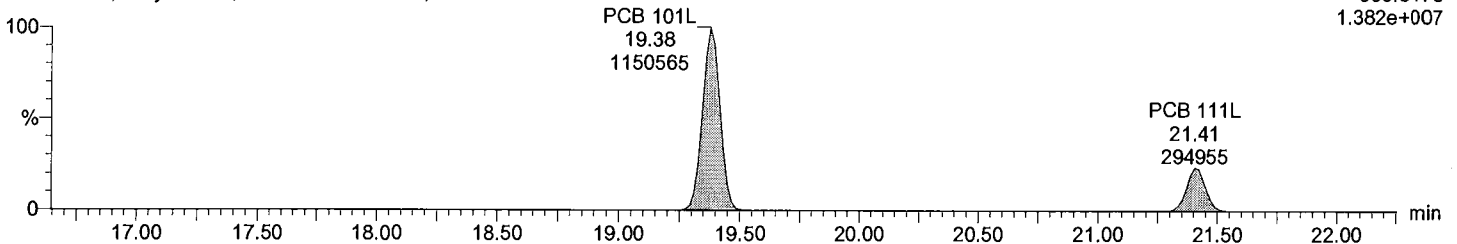
Total PeCB labeled F4

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



Total PeCB labeled F4

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

Time: 15:43:01

Instrument:

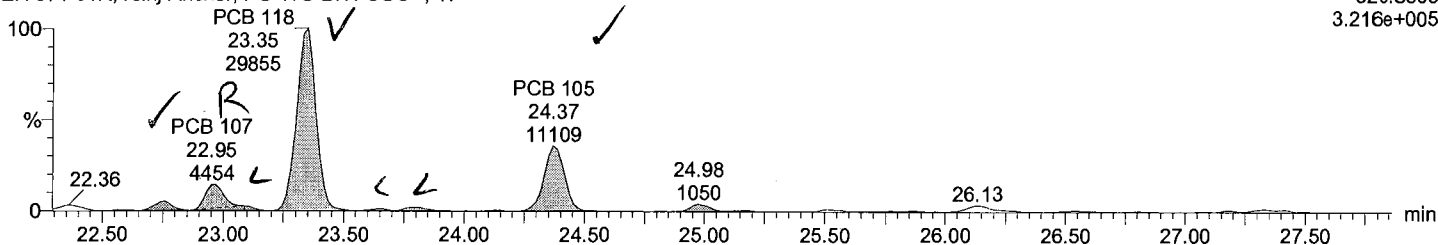
3

n = 4.619E3

Total PeCB F5

M1170609A07 Smooth(SG,2x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

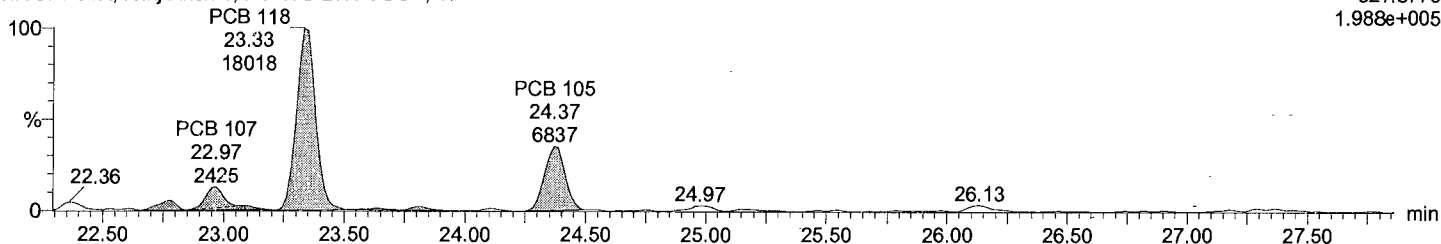
F5:Voltage SIR,EI+  
325.8805  
3.216e+005



Total PeCB F5

M1170609A07 Smooth(SG,2x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

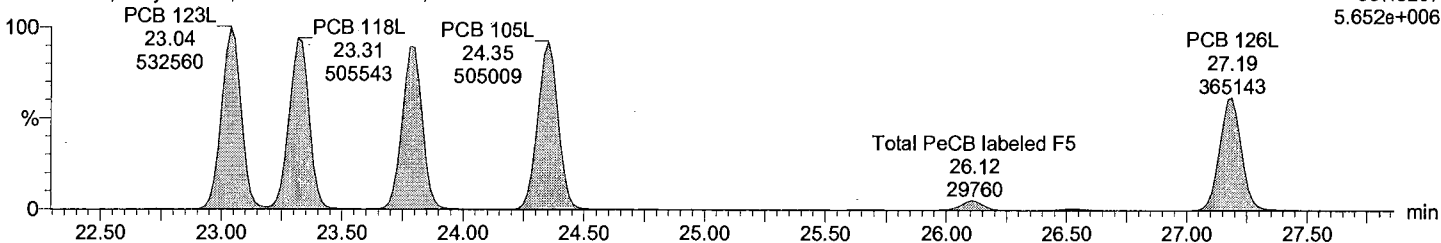
F5:Voltage SIR,EI+  
327.8775  
1.988e+005



Total PeCB labeled F5

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

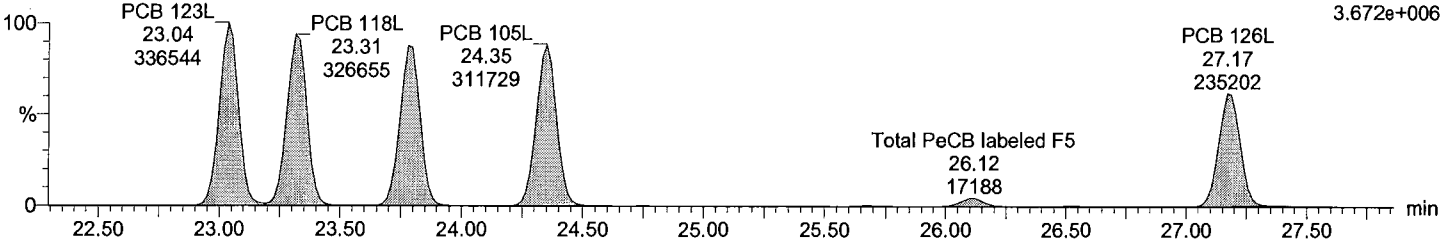
F5:Voltage SIR,EI+  
337.9207  
5.652e+006



Total PeCB labeled F5

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F5:Voltage SIR,EI+  
339.9178  
3.672e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

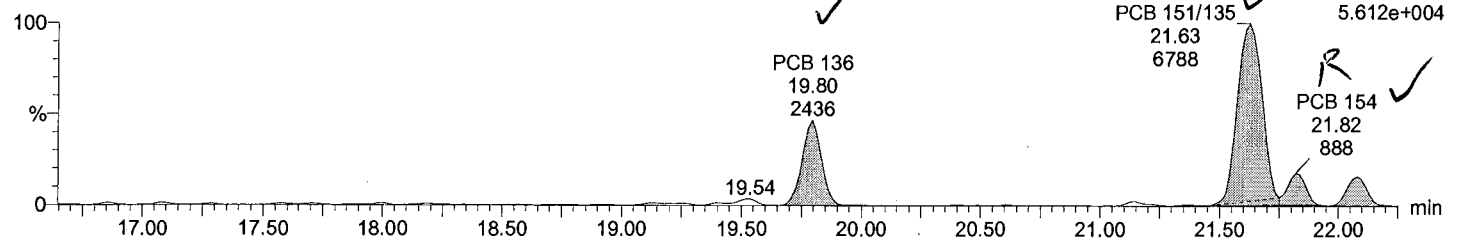
Time: 15:43:01

Instrument:

3

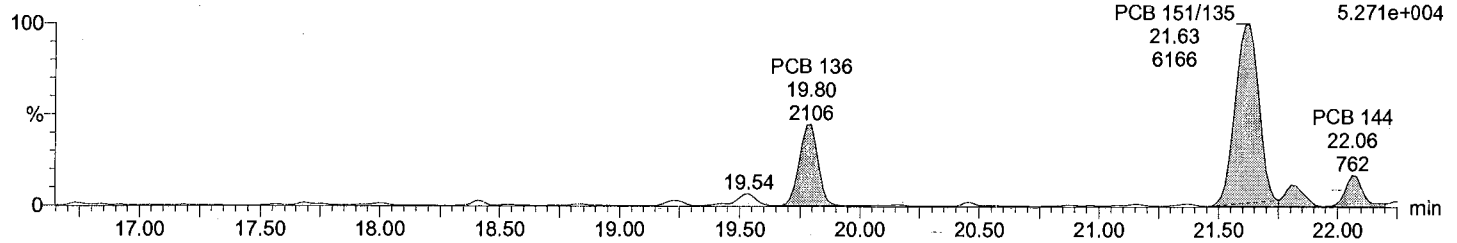
Total HxCB F4

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



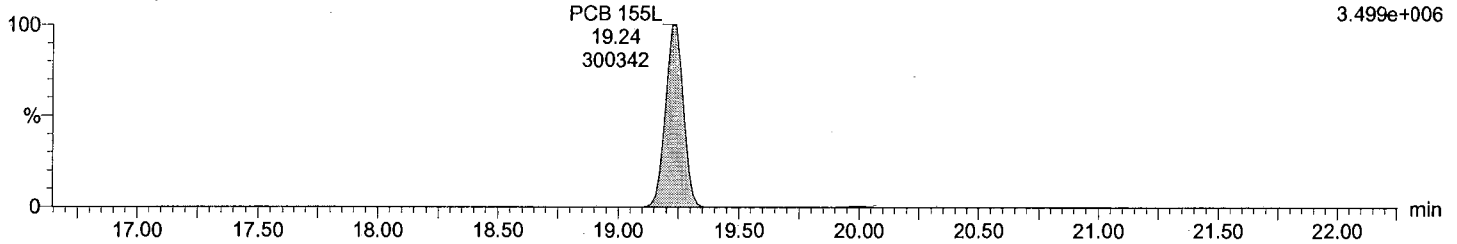
Total HxCB F4

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



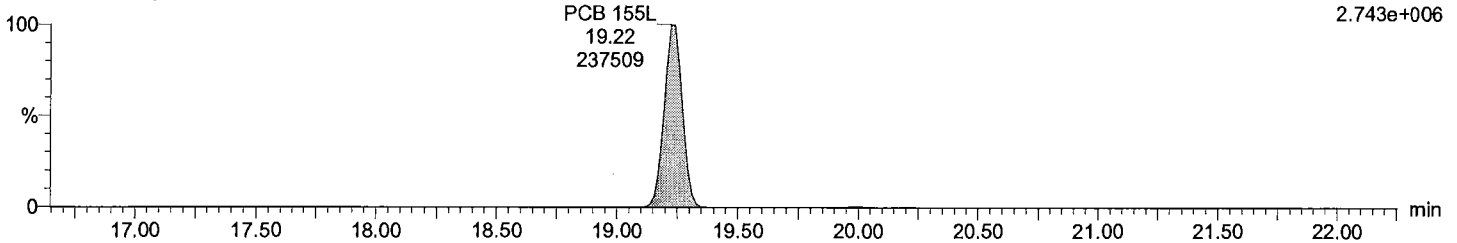
Total HxCB labeled F4

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



Total HxCB labeled F4

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI





Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

Time: 15:43:01

Instrument:

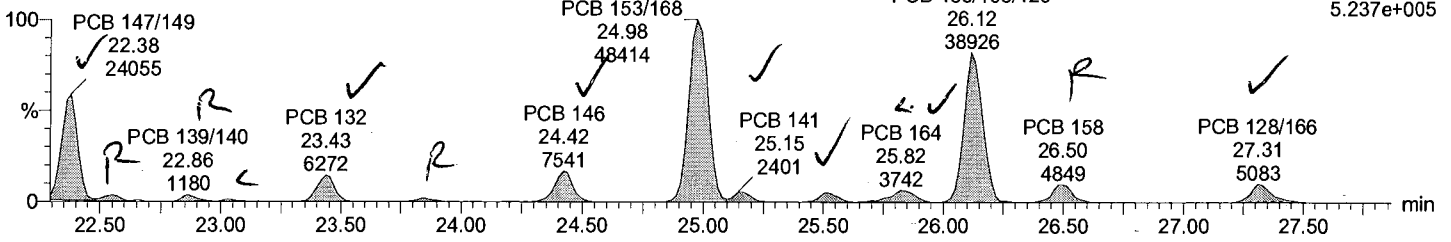
9

$h=1.648E3$

Total HxCB F5

M1170609A07 Smooth(SG,1x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

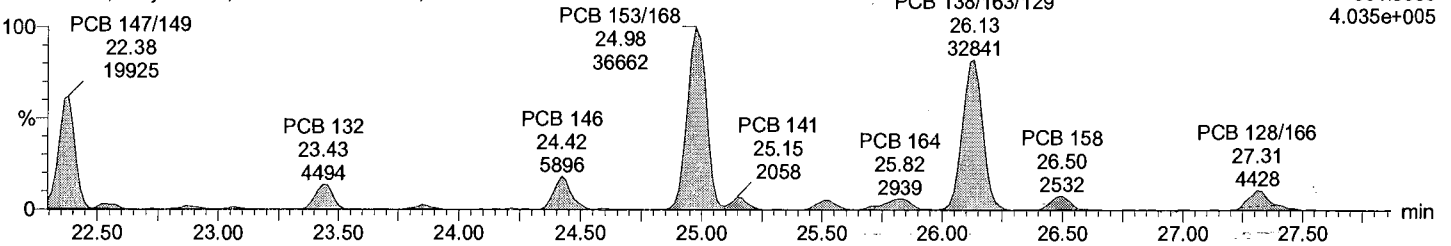
F5:Voltage SIR,EI+  
359.8415  
5.237e+005



Total HxCB F5

M1170609A07 Smooth(SG,1x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

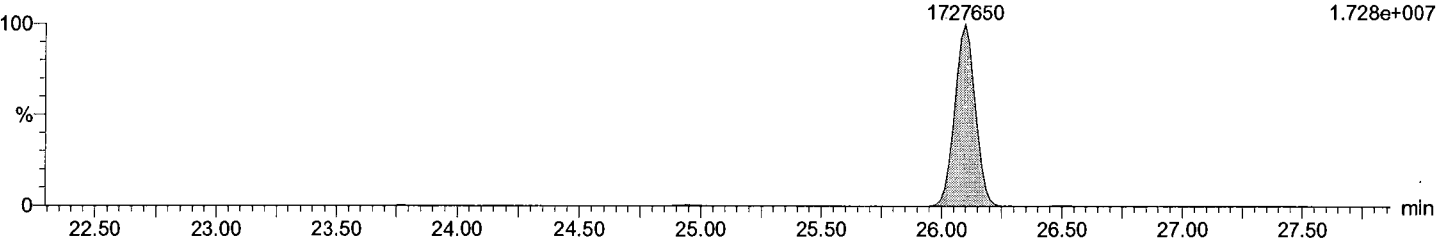
F5:Voltage SIR,EI+  
361.8385  
4.035e+005



Total HxCB labeled F5

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

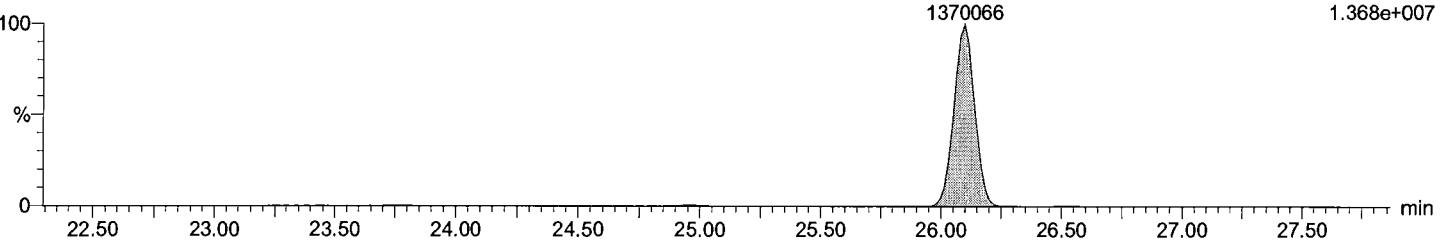
F5:Voltage SIR,EI+  
371.8817  
1.728e+007



Total HxCB labeled F5

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F5:Voltage SIR,EI+  
373.8788  
1.368e+007



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

Time: 15:43:01

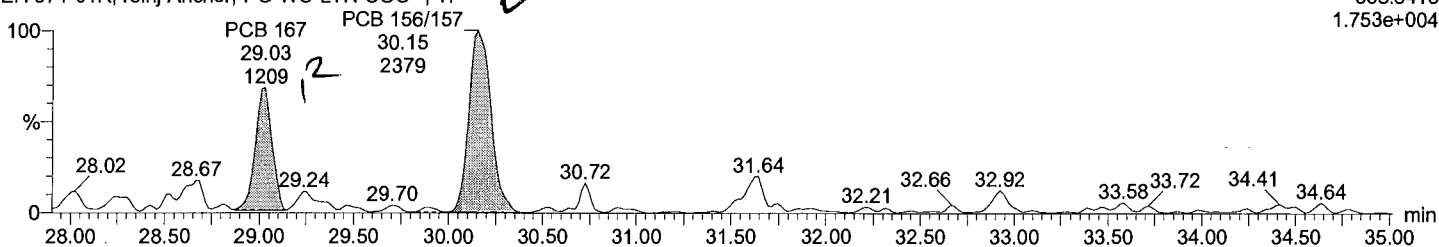
Instrument:

①

Total HxCB F6

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

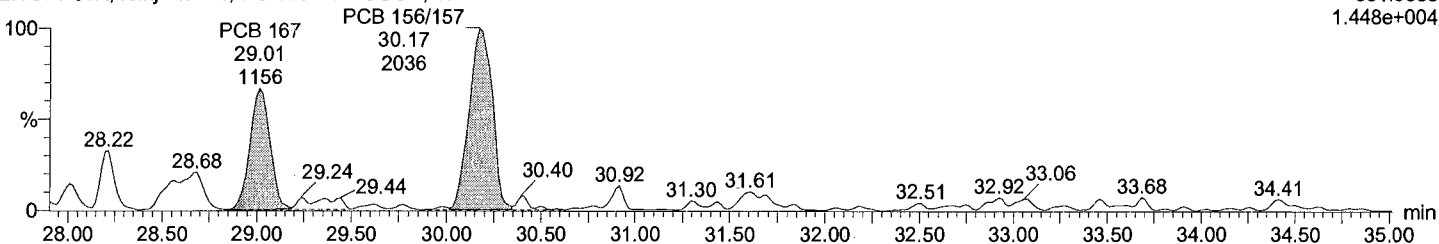
$h=9.93E2$   
F6:Voltage SIR,EI+  
359.8415  
1.753e+004



Total HxCB F6

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

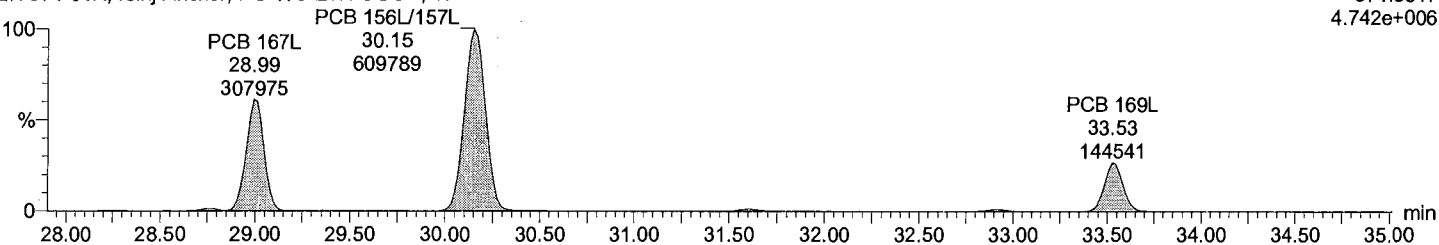
F6:Voltage SIR,EI+  
361.8385  
1.448e+004



Total HxCB labeled F6

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

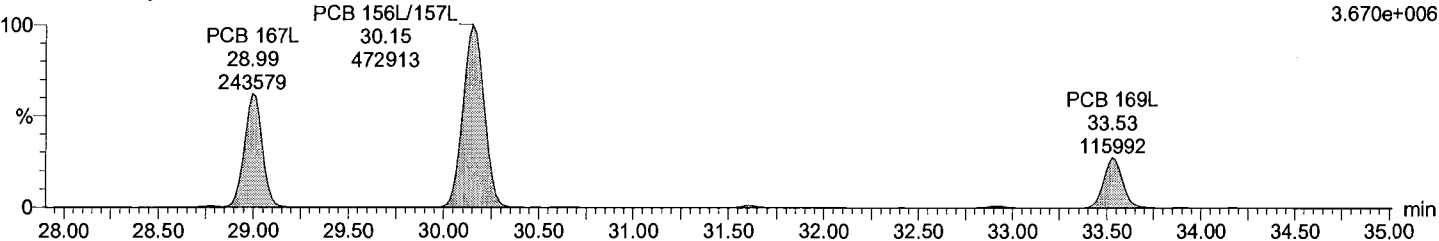
F6:Voltage SIR,EI+  
371.8817  
4.742e+006



Total HxCB labeled F6

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
373.8788  
3.670e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

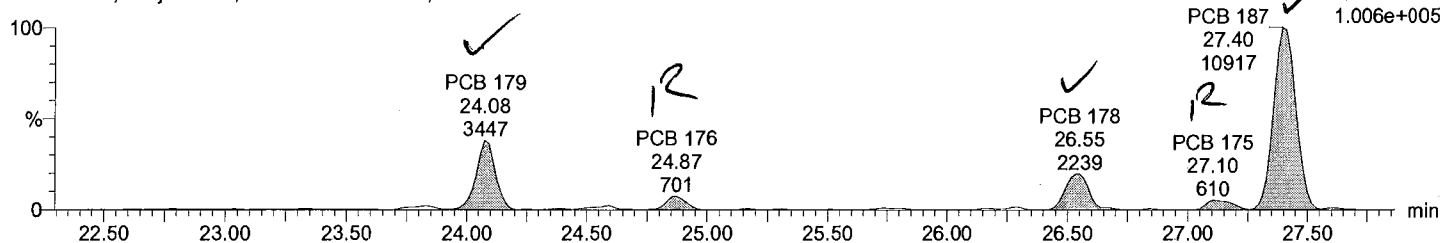
Time: 15:43:01

Instrument:

3

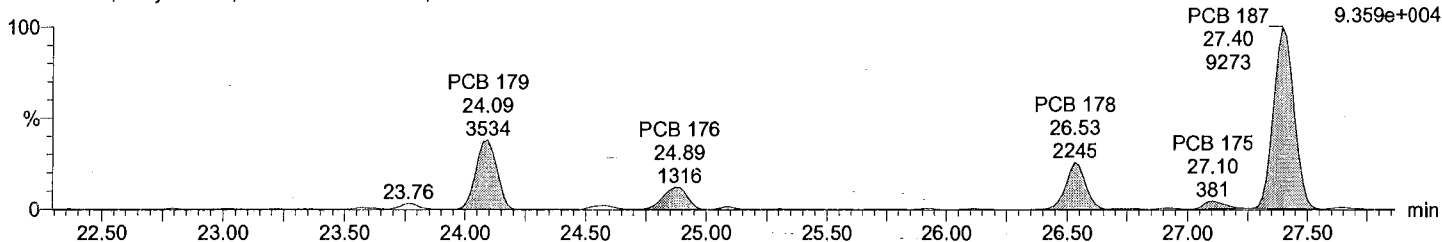
Total HpCB F5

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



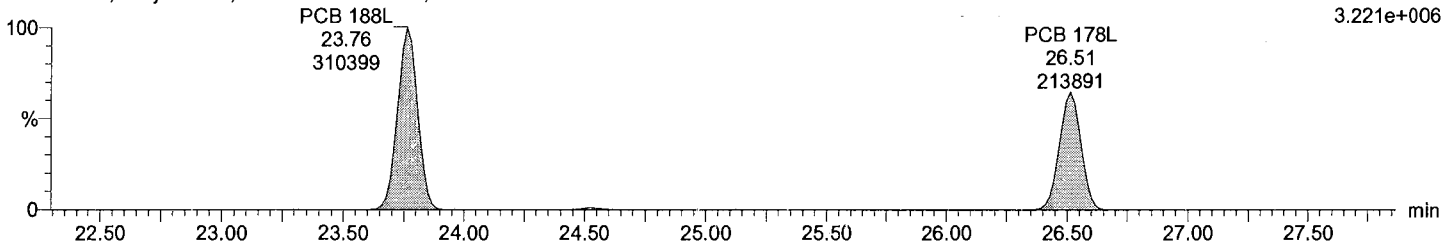
Total HpCB F5

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



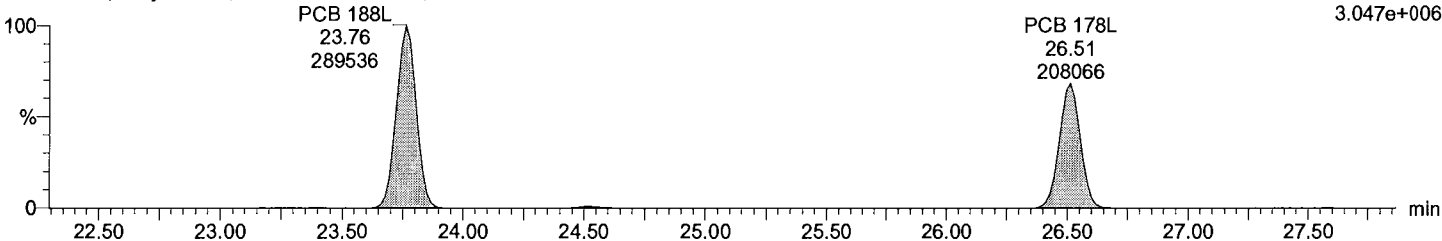
Total HpCB labeled F5

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



Total HpCB labeled F5

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

Time: 15:43:01

Instrument:

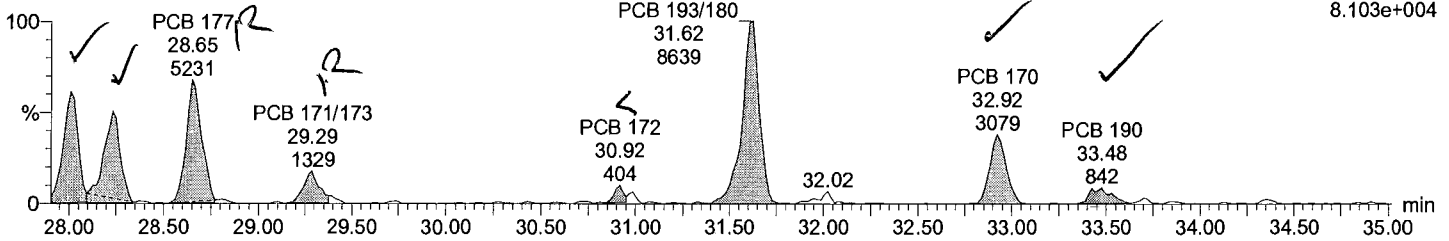
5

$h = 1.758E3$

Total HpCB F6

M1170609A07 Smooth(SG,1x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

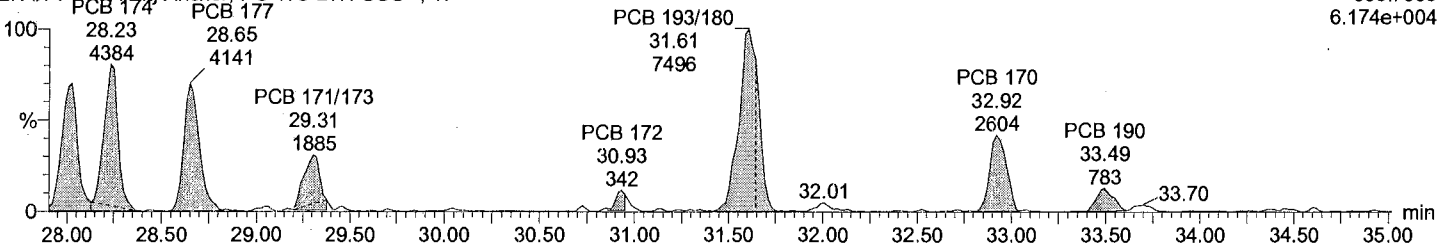
F6:Voltage SIR,EI+  
393.8025  
8.103e+004



Total HpCB F6

M1170609A07 Smooth(SG,1x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

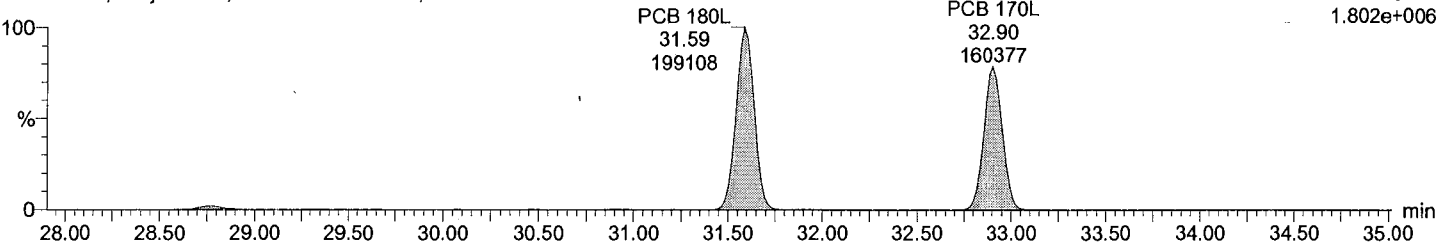
F6:Voltage SIR,EI+  
395.7995  
6.174e+004



Total HpCB labeled F6

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

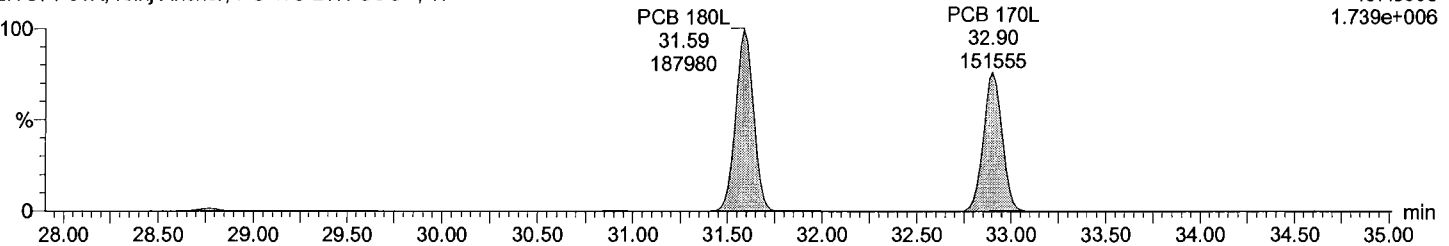
F6:Voltage SIR,EI+  
405.8428  
1.802e+006



Total HpCB labeled F6

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
407.8398  
1.739e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

Time: 15:43:01

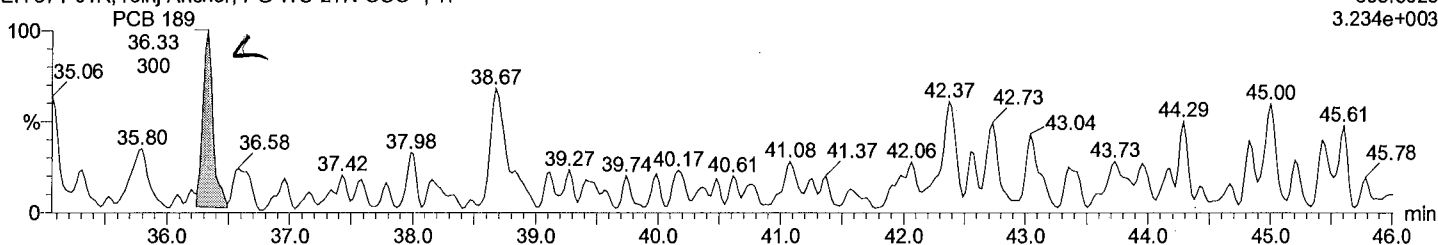
Instrument:

*h=1.934E3*

**Total HpCB F7**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

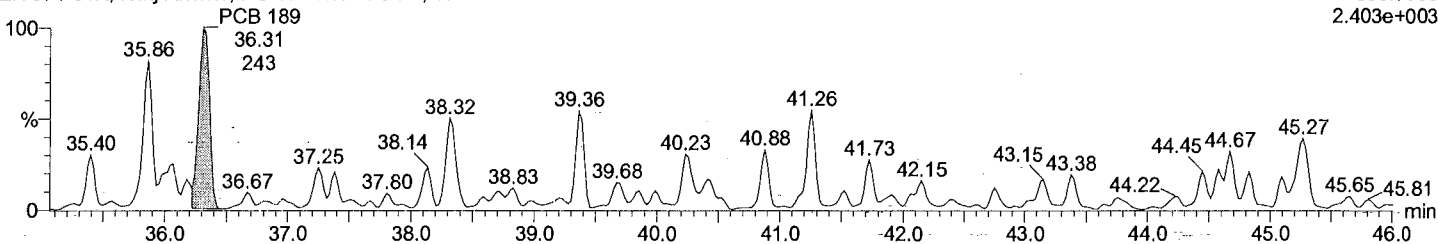
F7:Voltage SIR,EI+  
393.8025  
3.234e+003



**Total HpCB F7**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

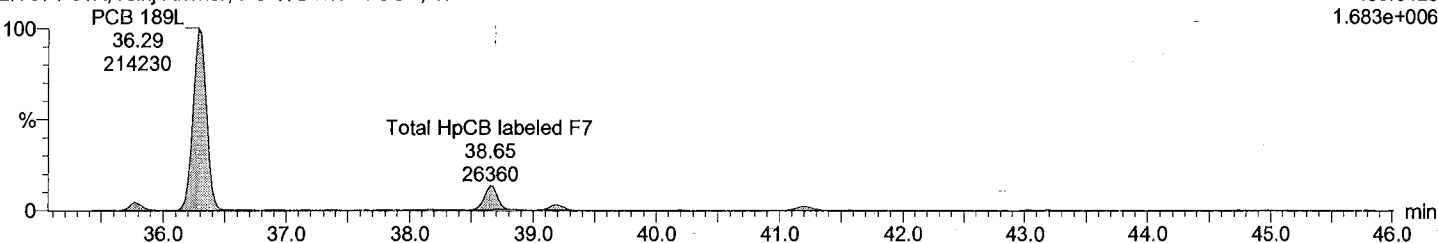
F7:Voltage SIR,EI+  
395.7995  
2.403e+003



**Total HpCB labeled F7**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

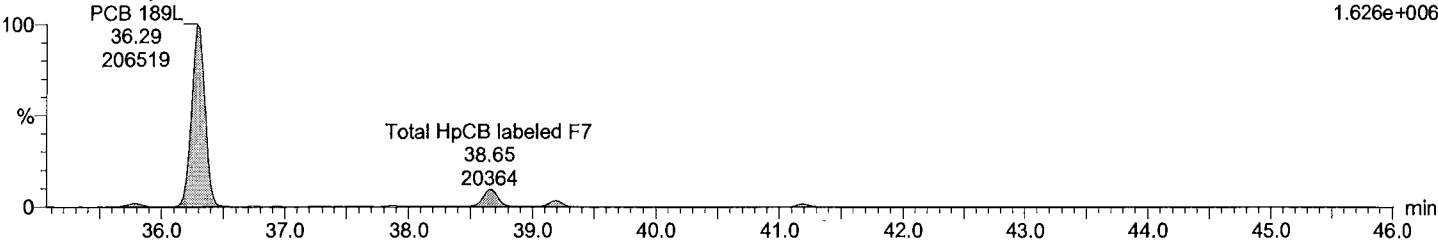
F7:Voltage SIR,EI+  
405.8428  
1.683e+006



**Total HpCB labeled F7**

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
407.8398  
1.626e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

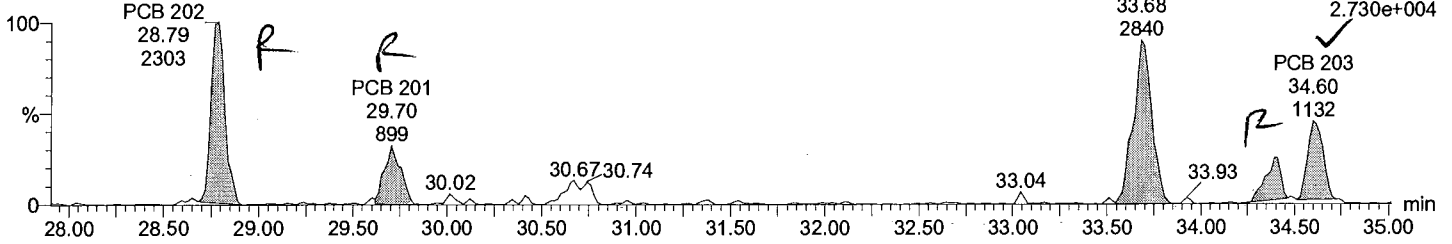
Time: 15:43:01

Instrument:

②

Total OcCB F6

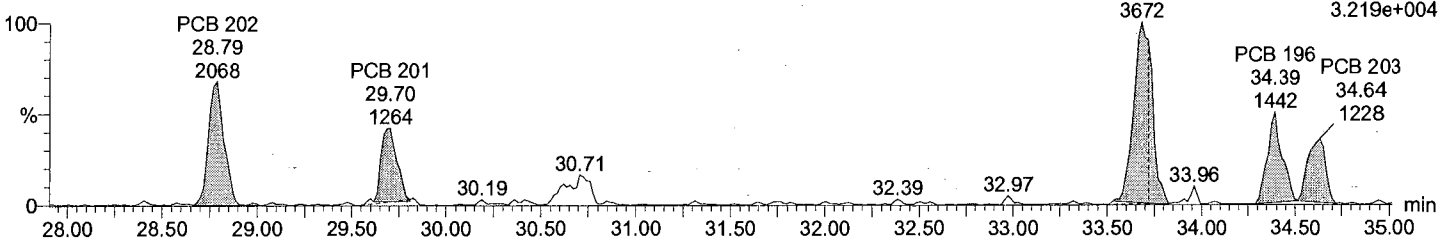
M1170609A07 Smooth(SG,1x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-, TI



h=1,782E3

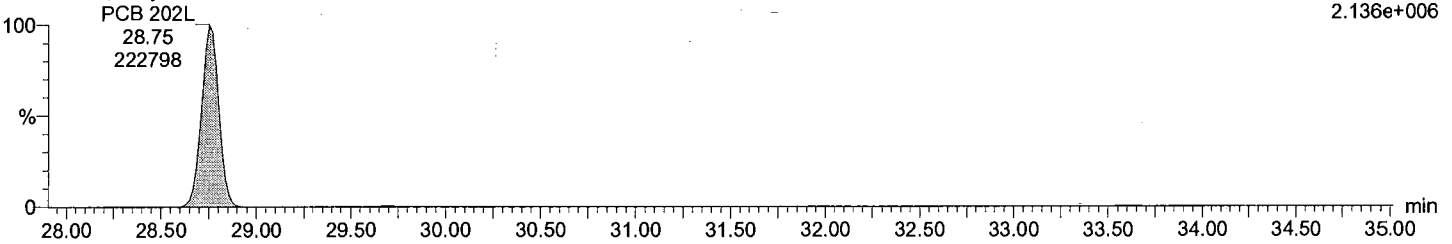
Total OcCB F6

M1170609A07 Smooth(SG,1x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-, TI



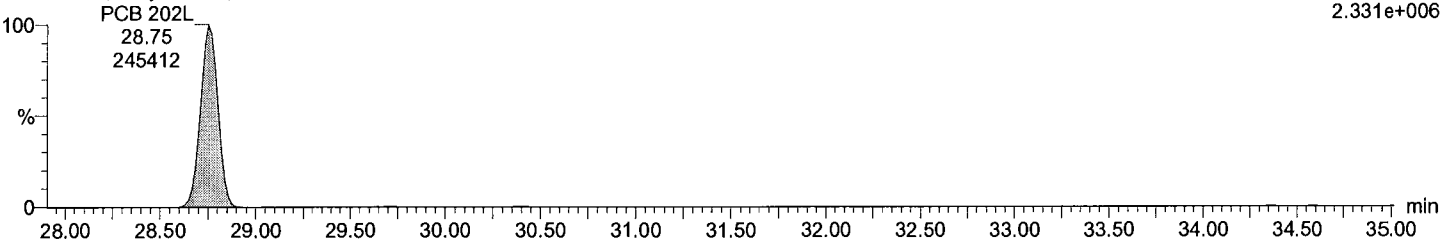
Total OcCB labeled F6

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-, TI



Total OcCB labeled F6

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-, TI



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

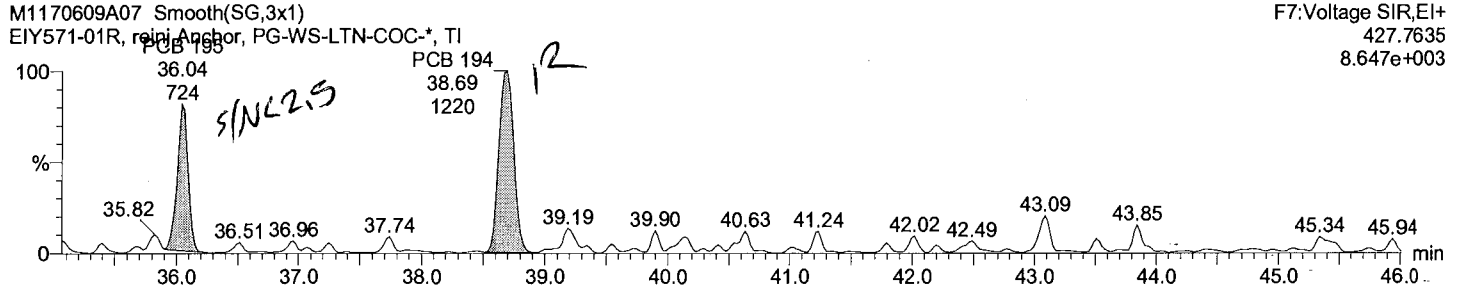
Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj  
Vial: 7  
Date: 09-Jun-2017  
Time: 15:43:01  
Instrument:

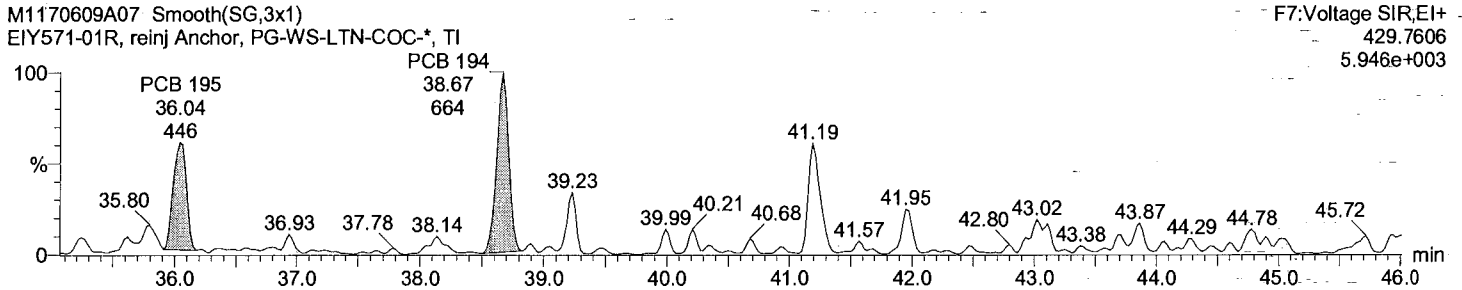
Ø

$n = 1.776E3$

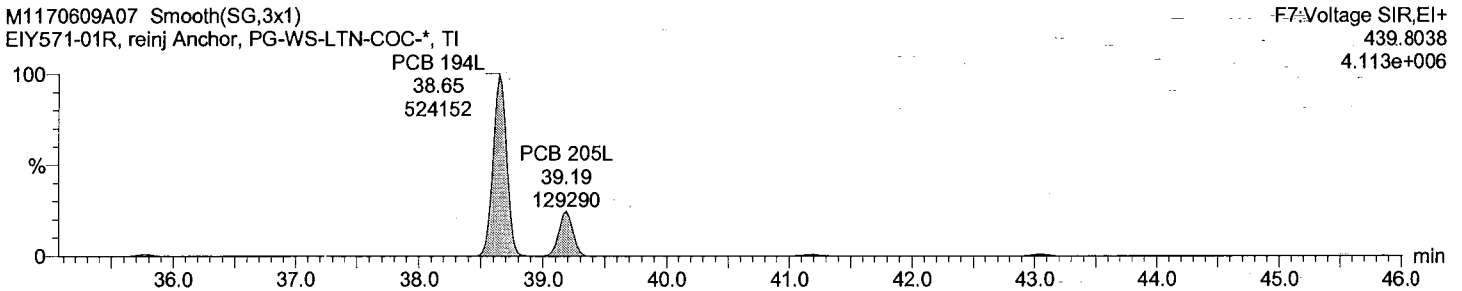
**Total OcCB F7**



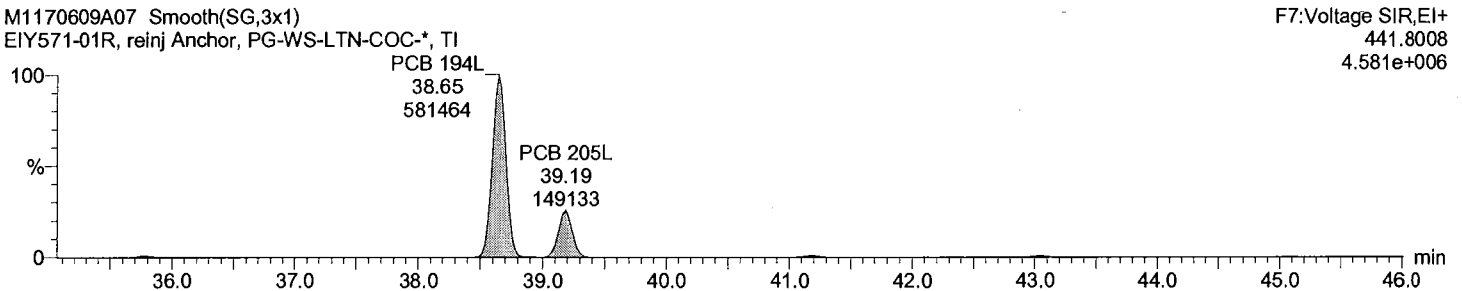
**Total OcCB F7**



**Total OcCB labeled F7**



**Total OcCB labeled F7**



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

Time: 15:43:01

Instrument:

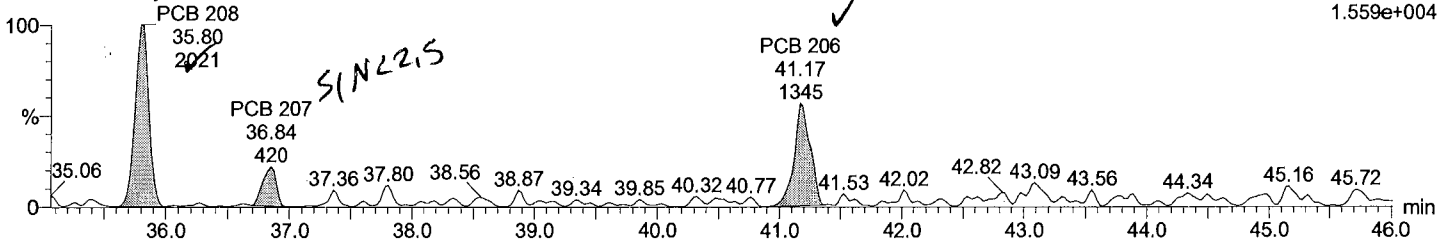
②

$k = 2.046 E3$

Total NoCB F7

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

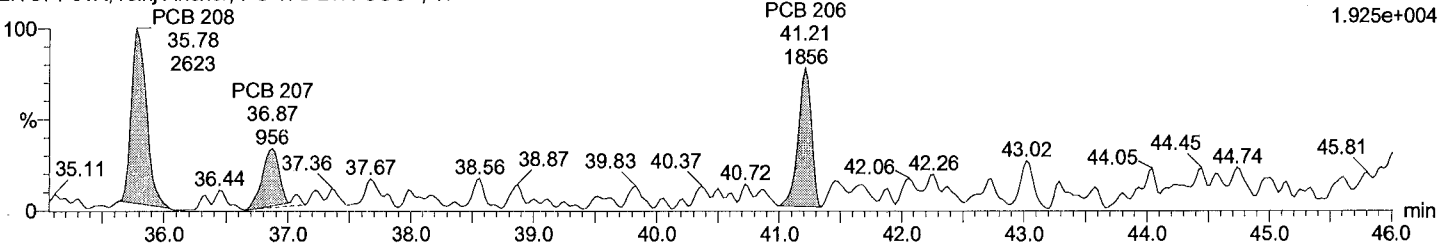
F7:Voltage SIR,EI+  
461.7246  
1.559e+004



Total NoCB F7

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

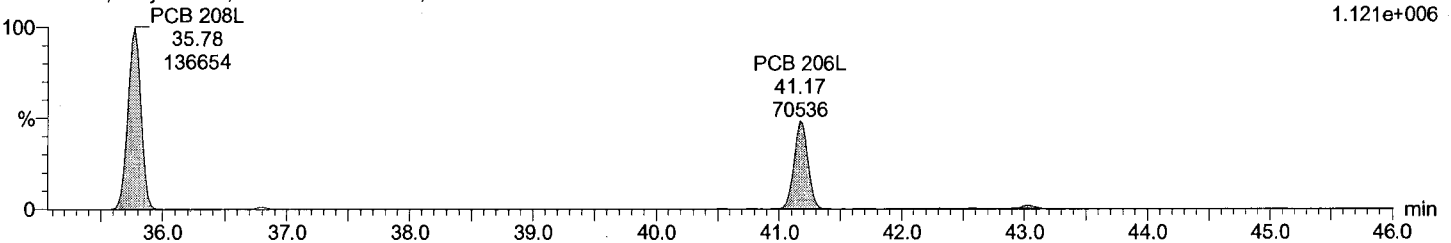
F7:Voltage SIR,EI+  
463.7216  
1.925e+004



Total NoCB labeled F7

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

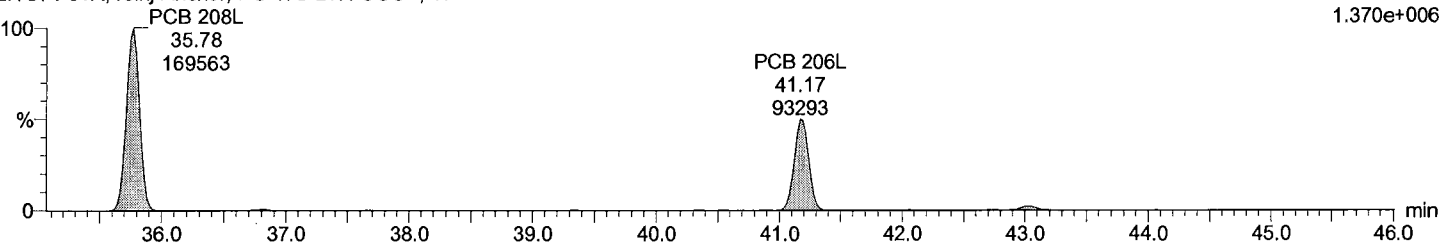
F7:Voltage SIR,EI+  
473.7648  
1.121e+006



Total NoCB labeled F7

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
475.7619  
1.370e+006





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

Date: 09-Jun-2017

Time: 15:43:01

Instrument:

①

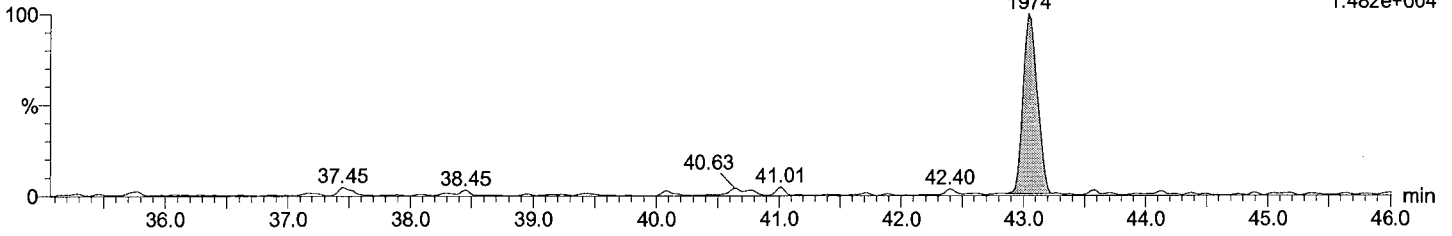
$n = 6.934E2$

Total DeCB F7

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 209  
43.04  
1974

F7:Voltage SIR,EI+  
497.6826  
1.482e+004

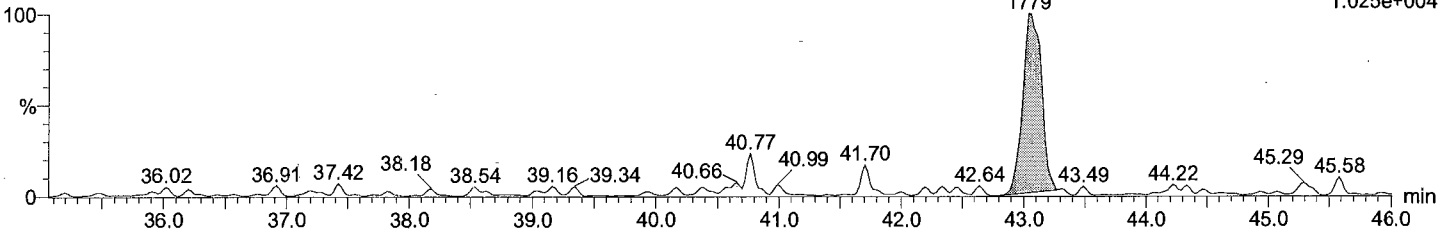


Total DeCB F7

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 209  
43.04  
1779

F7:Voltage SIR,EI+  
499.6797  
1.025e+004

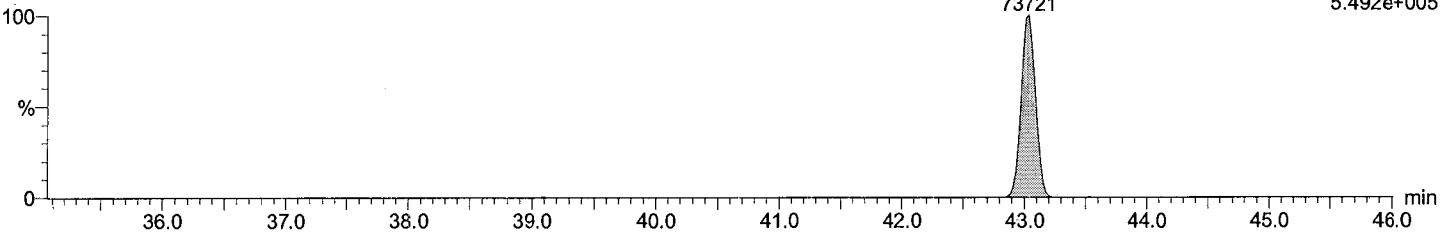


Total DeCB labeled F7

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 209L  
43.04  
73721

F7:Voltage SIR,EI+  
509.7229  
5.492e+005

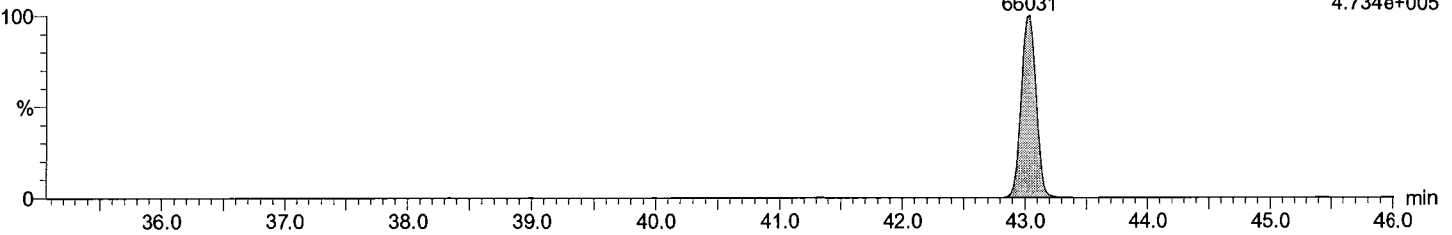


Total DeCB labeled F7

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 209L  
43.04  
66031

F7:Voltage SIR,EI+  
511.7199  
4.734e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

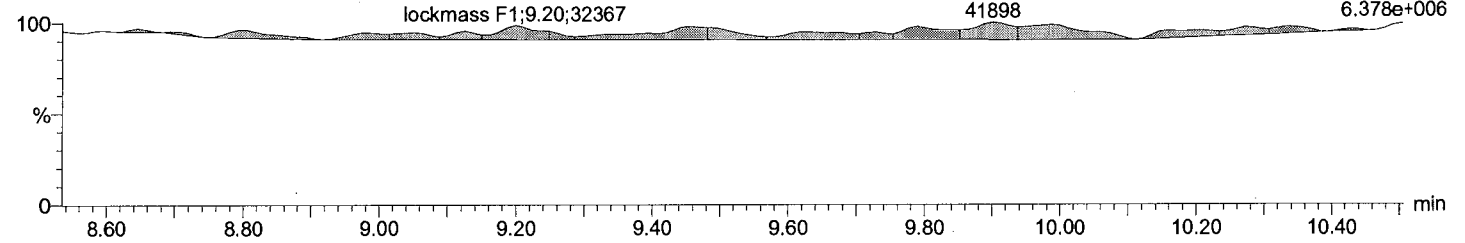
Date: 09-Jun-2017

Time: 15:43:01

Instrument:

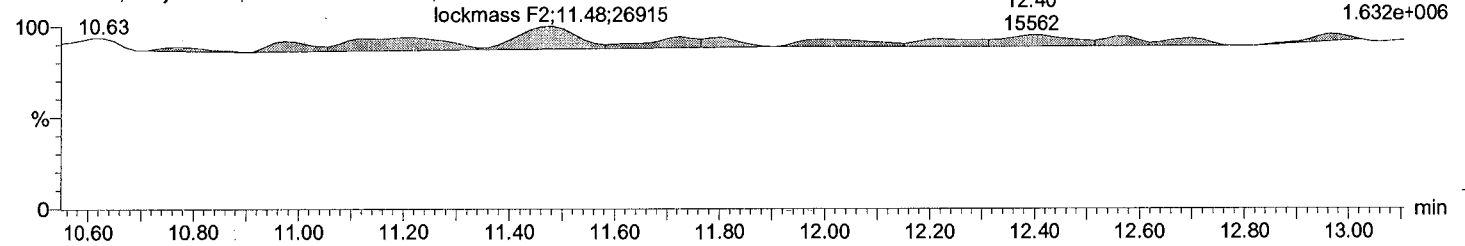
lockmass F1

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



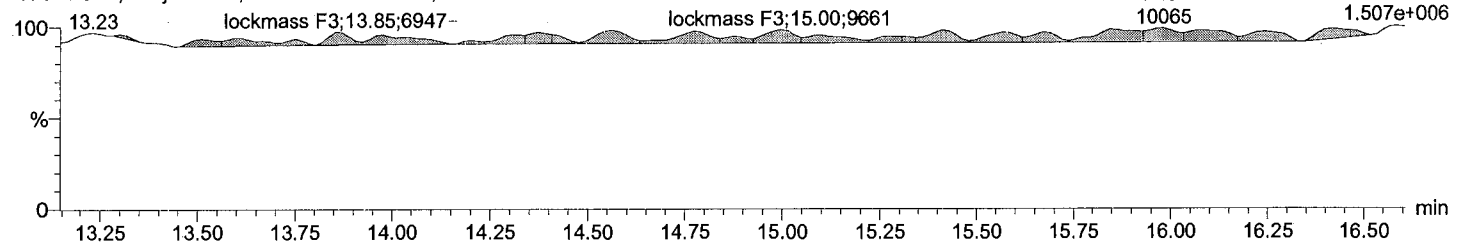
lockmass F2

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



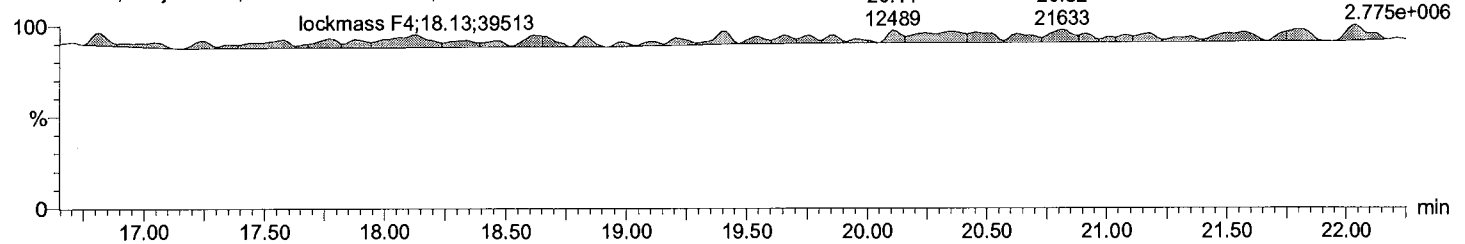
lockmass F3

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



lockmass F4

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY571-01R, reinj

Vial: 7

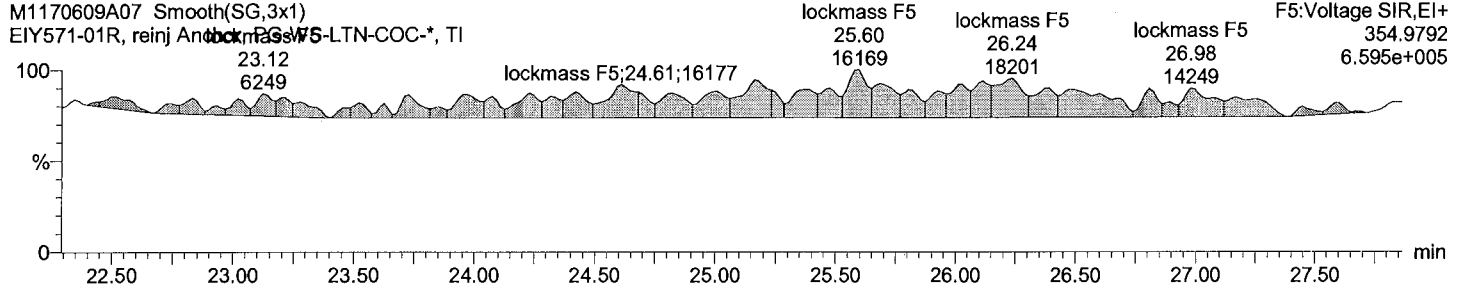
Date: 09-Jun-2017

Time: 15:43:01

Instrument:

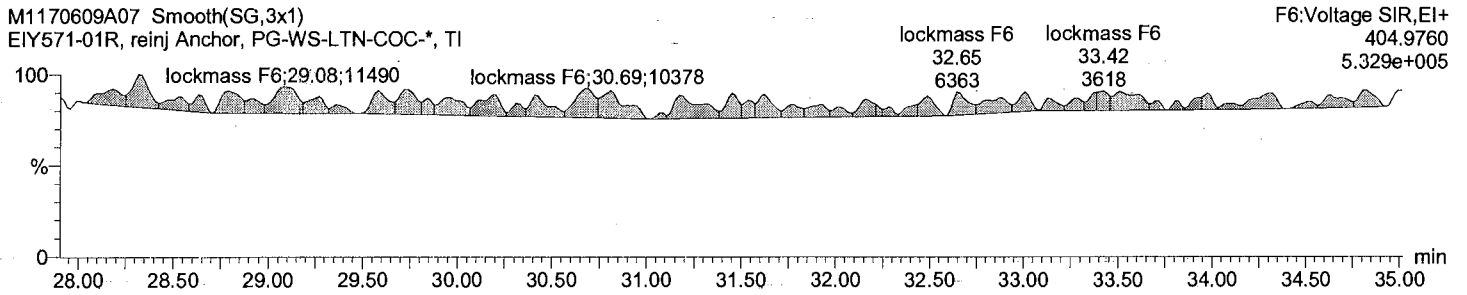
lockmass F5

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



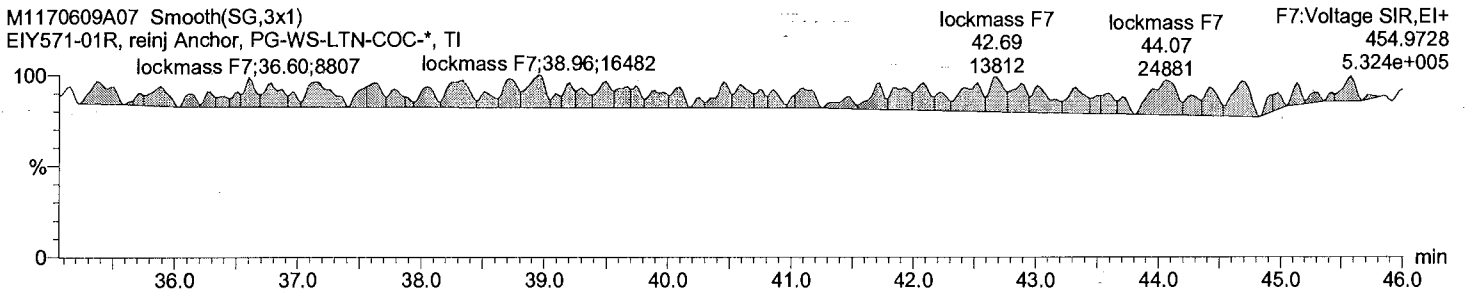
lockmass F6

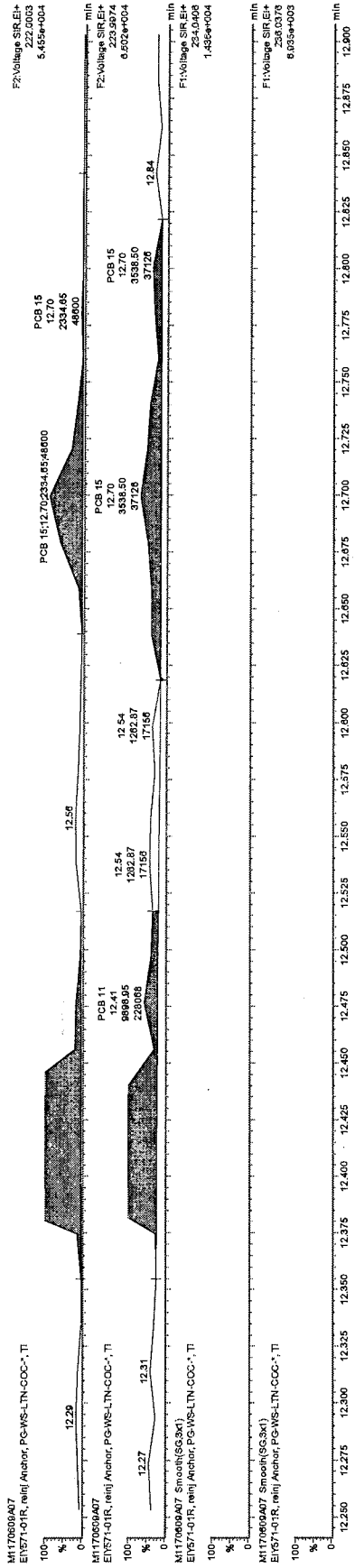
M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



lockmass F7

M1170609A07 Smooth(SG,3x1)  
EIY571-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI





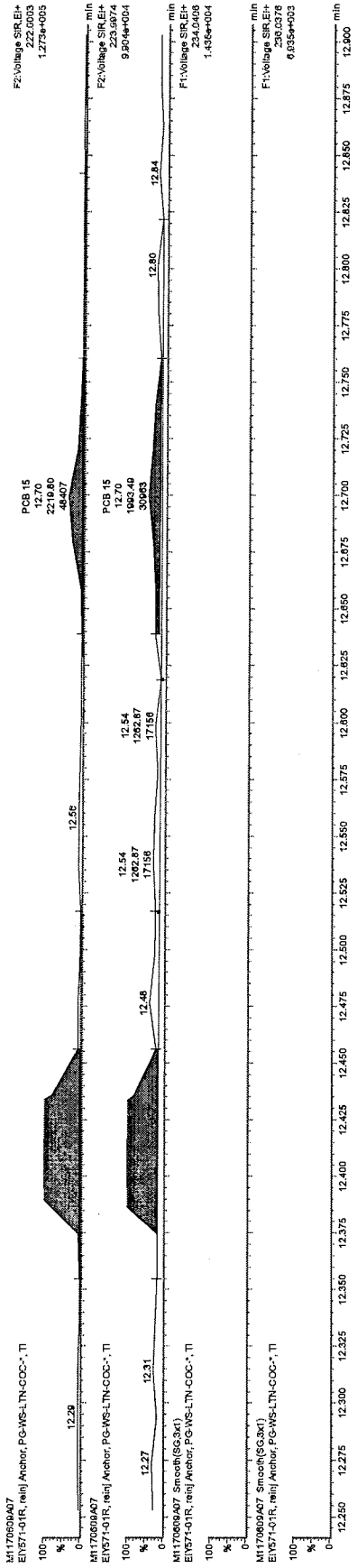
2017-06-12

MT2

Before

M3

6-2  
2017-06-12

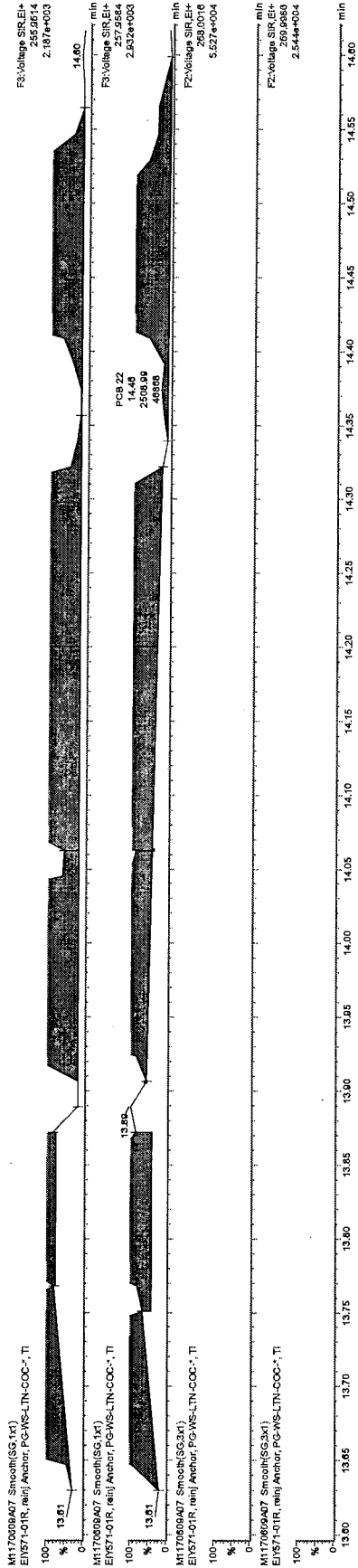


After  
M3

20170613

2017-06-12

MT2



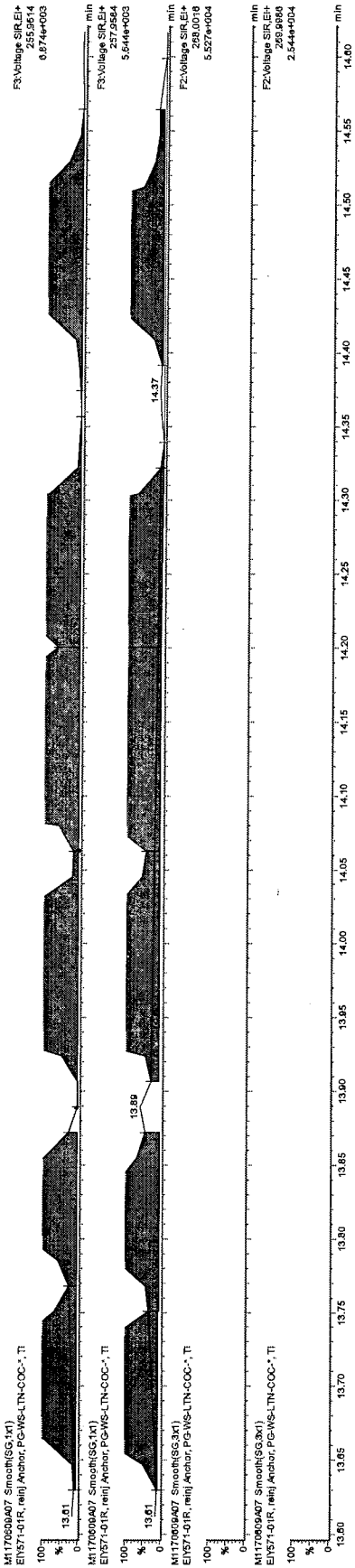
2017-06-12

Before

MT2

M3

BN  
20170612

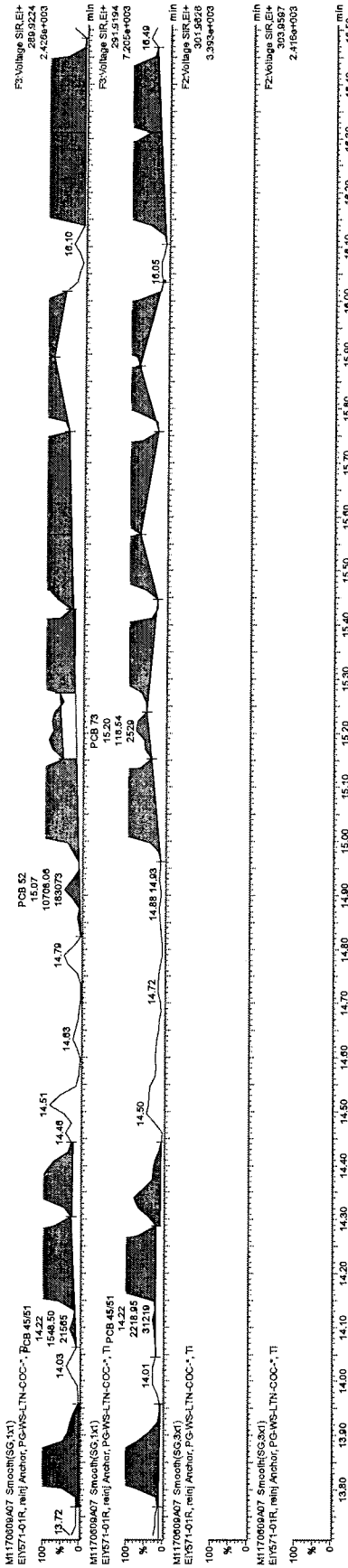


2017-06-12

MT2

Alter MS

20170613



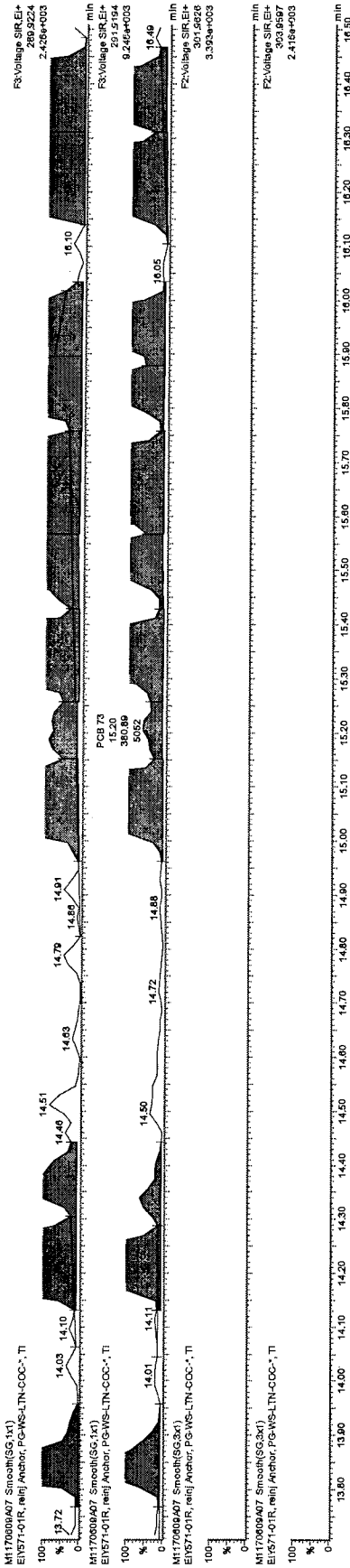
2017-06-12

MT2

Before  
M3

B-2  
20170613



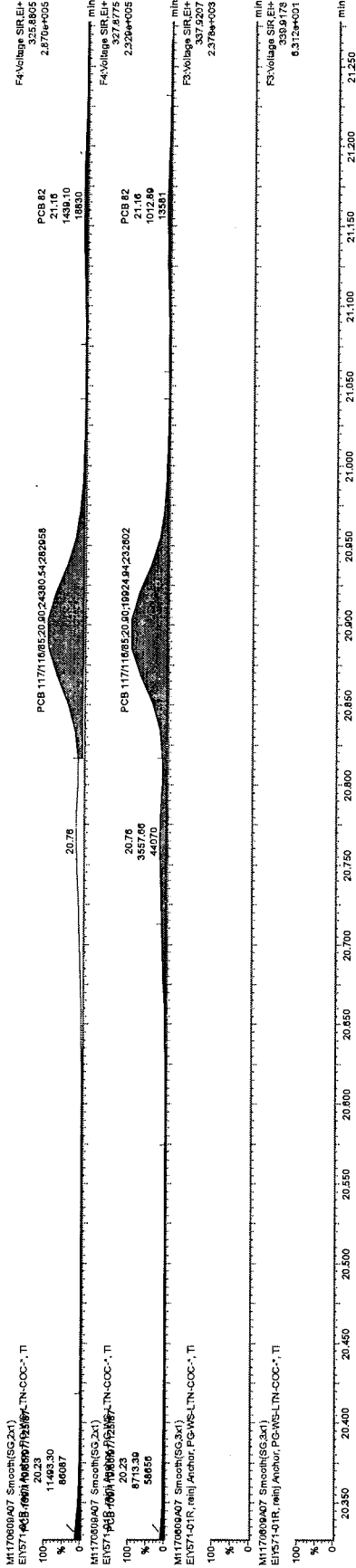


After  
M3

2017-06-12

MT2

20170612



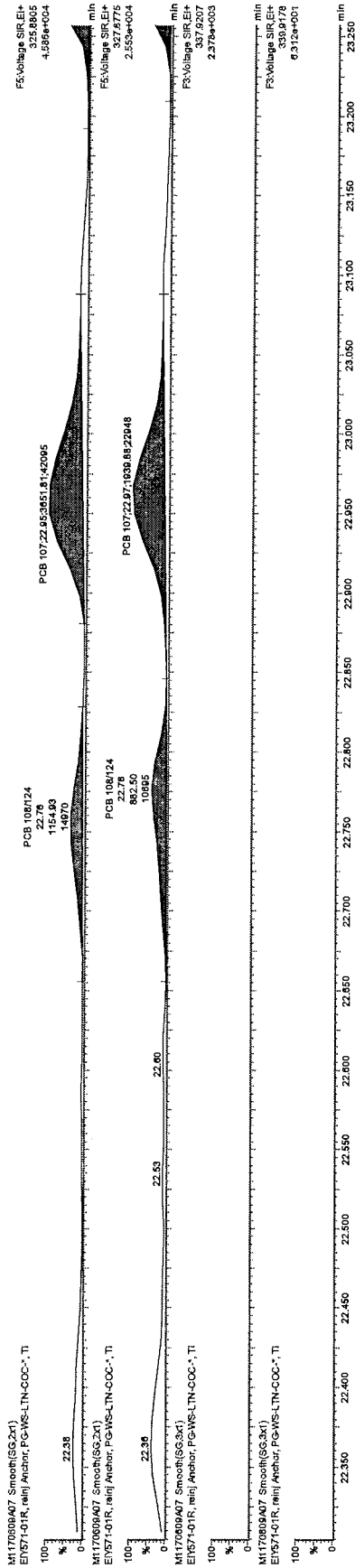
2017-06-12

MT2

Before  
M2

6-2  
20170613



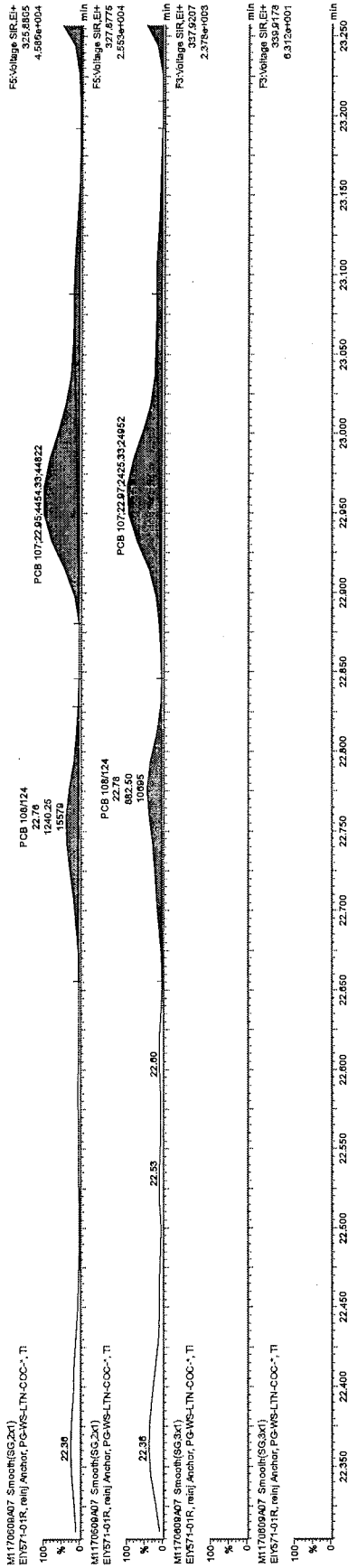


2017-06-12

MT2

Before  
M2

02  
20170613

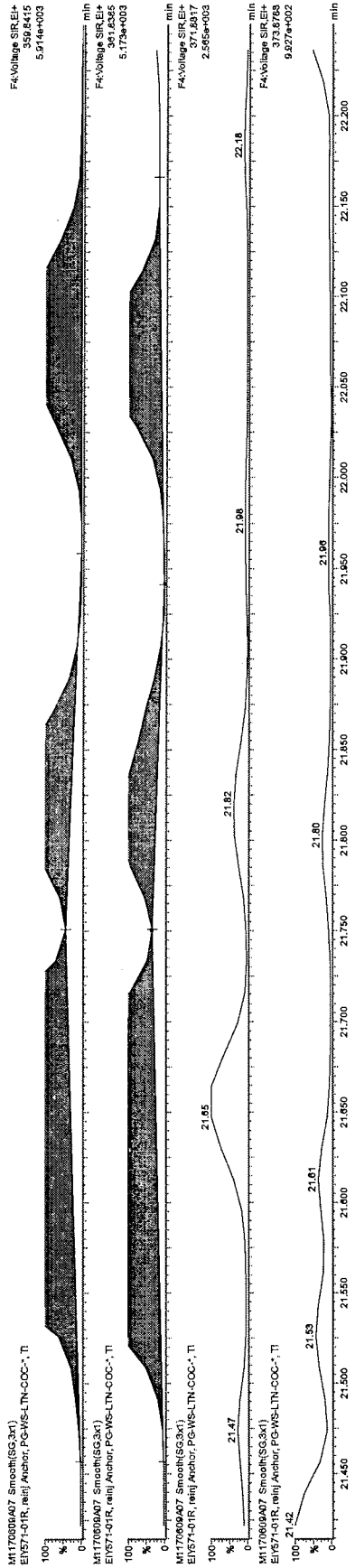


2017-06-12

MT2

After  
M2

20170612  
MT2

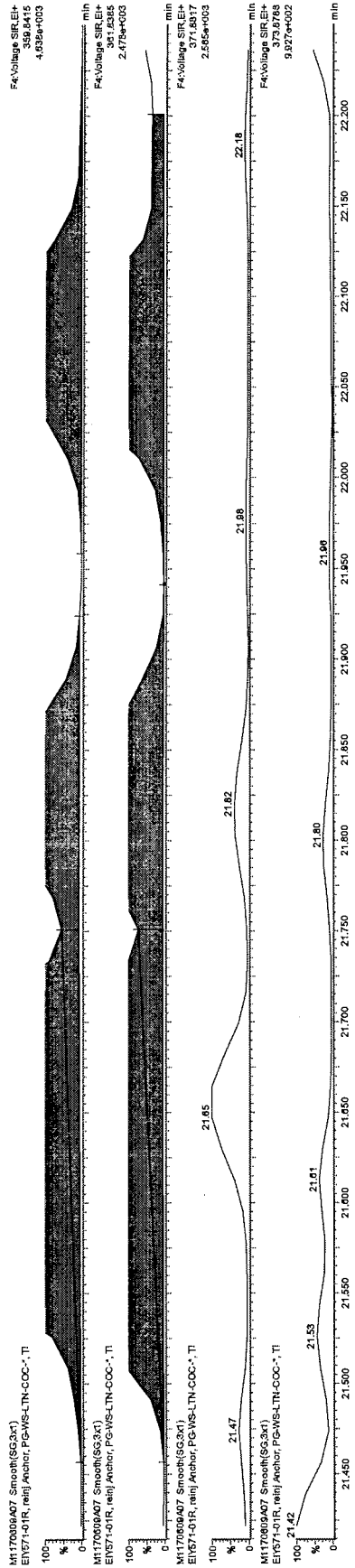


2017-06-12

MT2

Before  
M3

6/21/17 10:13

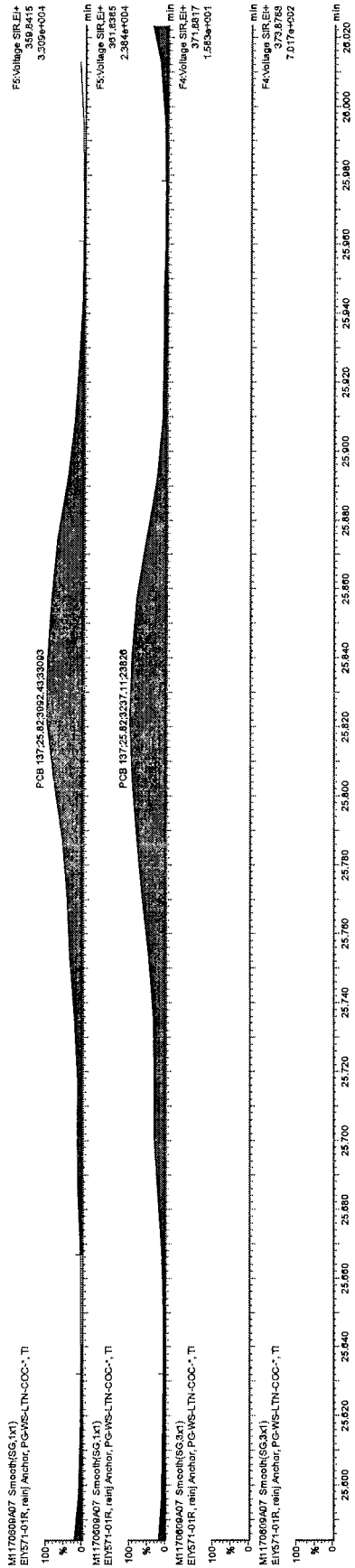


After  
M3

2017-06-12

2017-06-12

MT2



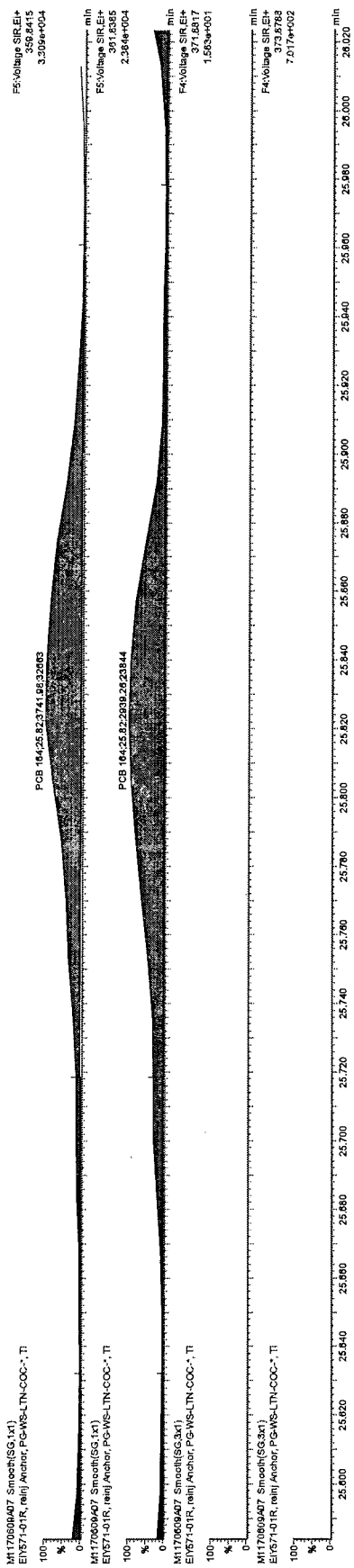
2017-06-12

MT2

Before  
M2

B-2017-6-12



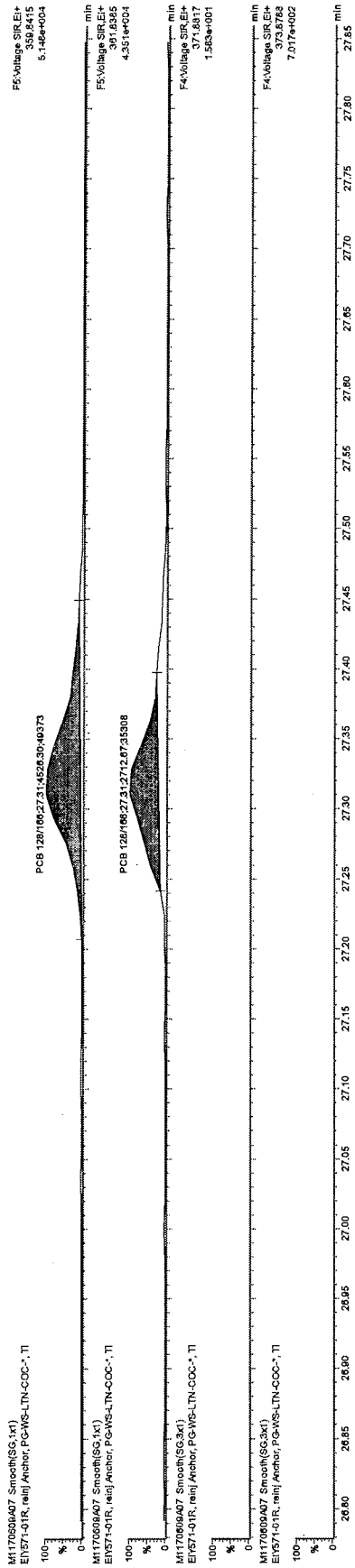


2017-06-12

MT2

After  
M2

0-20170613

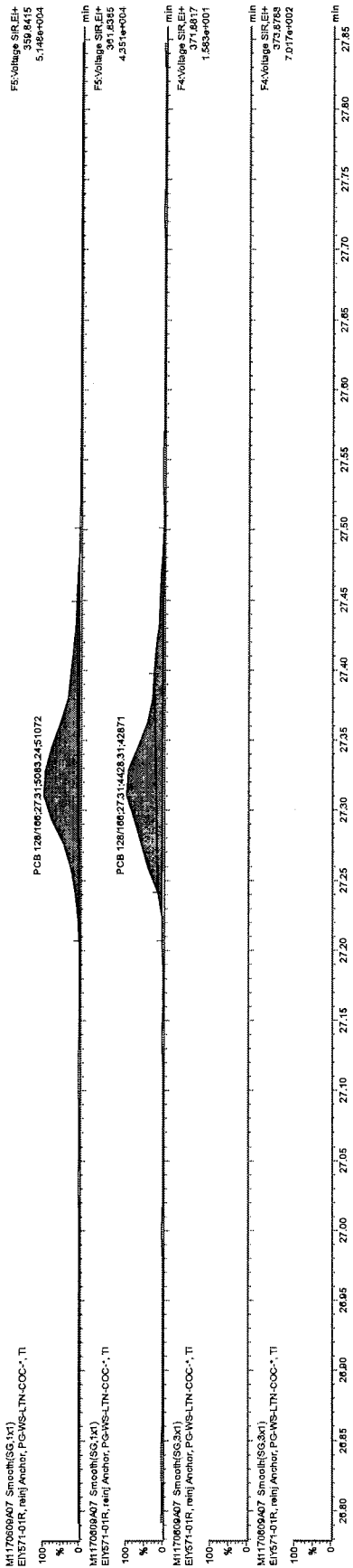


2017-06-12

MT2

Before  
M3

By  
Za17 06/13

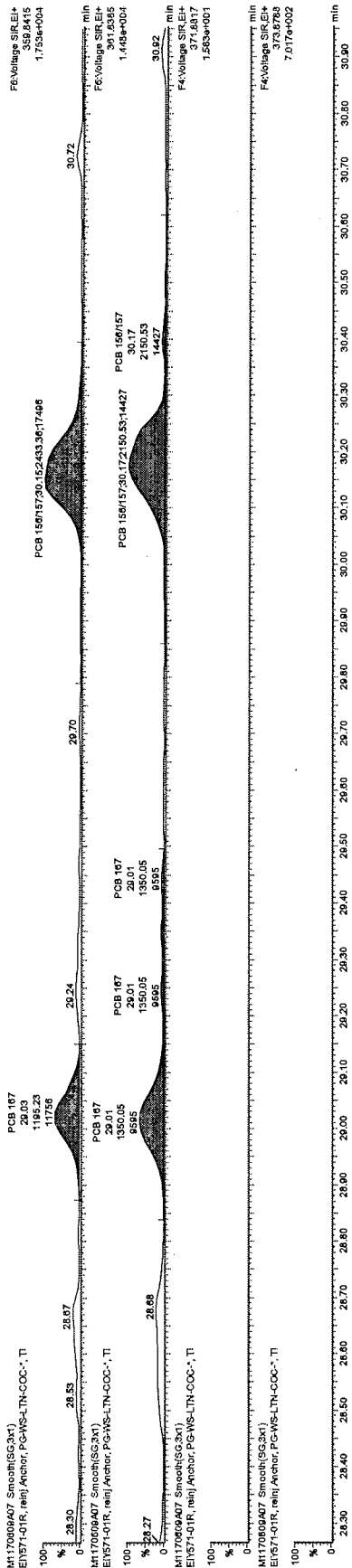


2017-06-12

MT2

After  
M3

On 2017-06-13



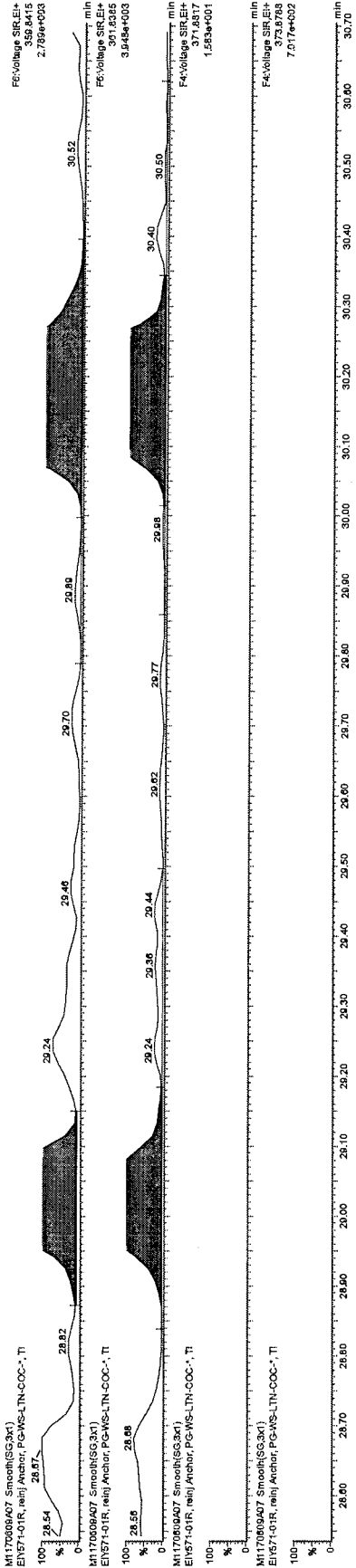
2017-06-12

MT2

Before

M3

20170612



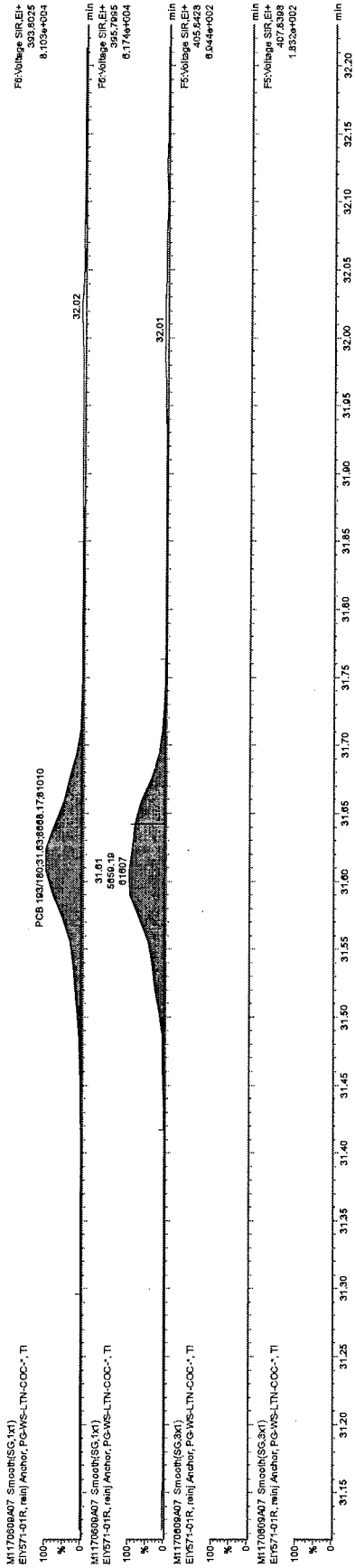
FE:Voltage SR,LE+  
 359.8415  
 2.789e+003  
 min  
 FE:Voltage SR,LE+  
 361.8385  
 3.848e+003  
 min  
 FE:Voltage SR,LE+  
 371.8817  
 1.563e+001  
 min  
 FE:Voltage SR,LE+  
 7.017e+002

2017-06-12

MT2

Alter  
M3

67-11-06-13



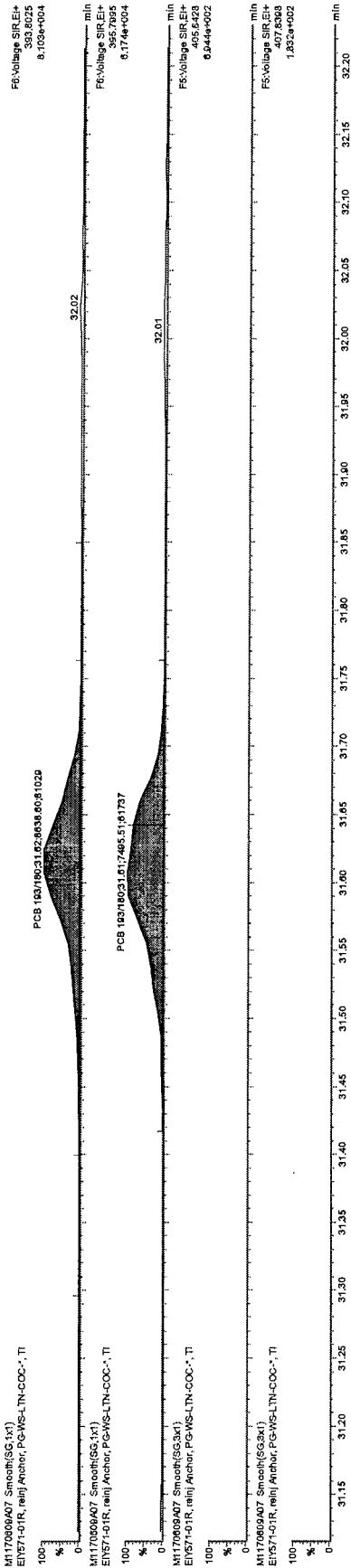
2017-06-12

MT2

Before

M2

*Handwritten signature*

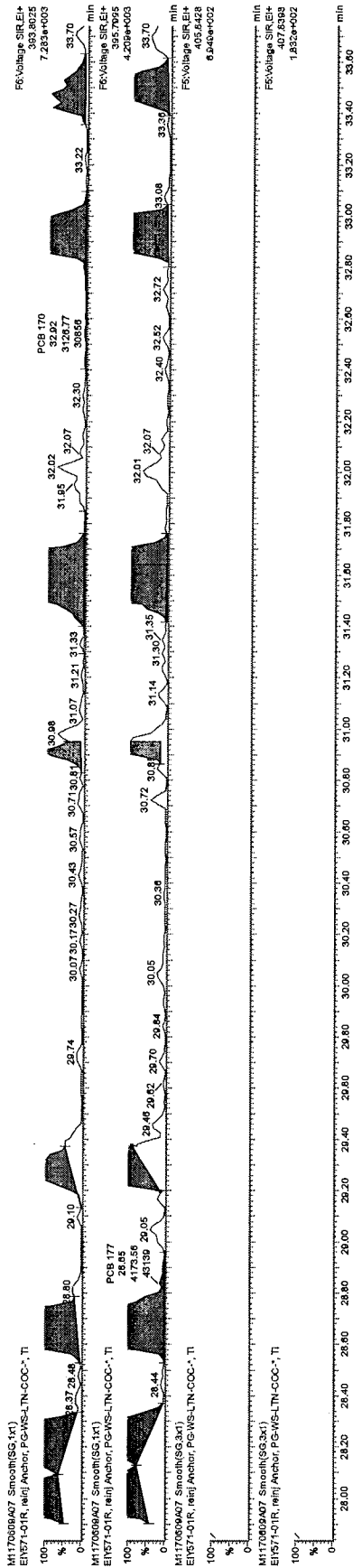


2017-06-12

MT2

After  
M2

31902122  
L9



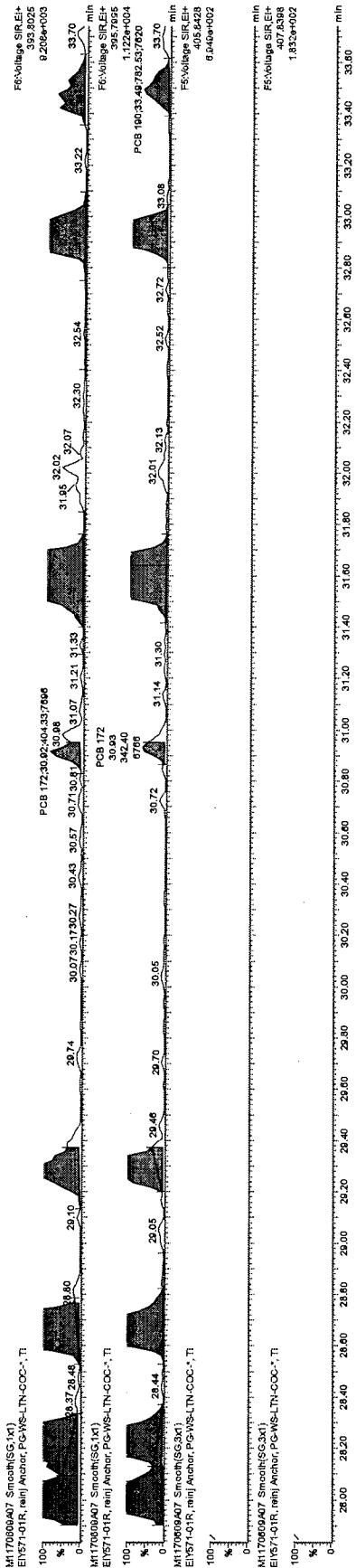
2017-06-12

MT2

Before  
M3

Gr 24170613





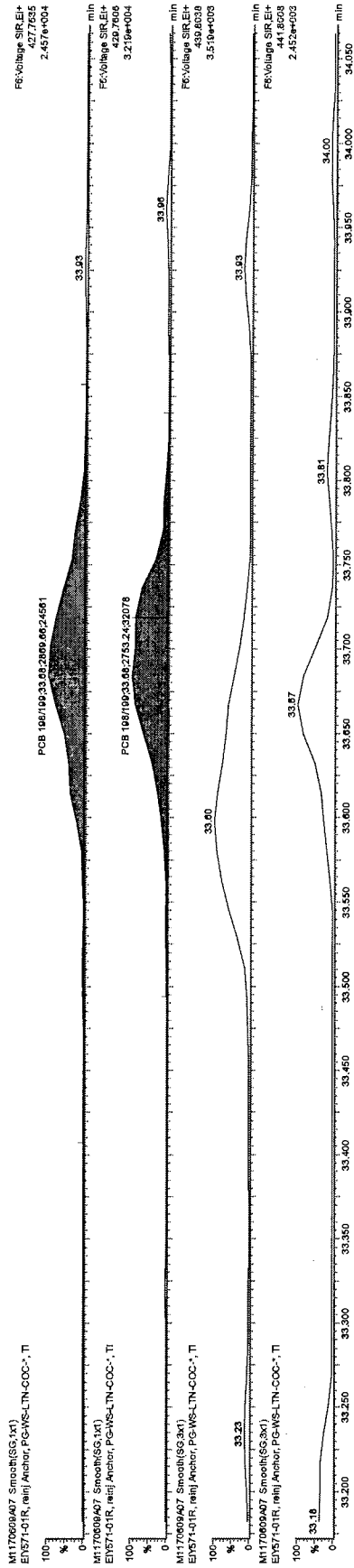
2017-06-12

MT2

After

M3

620050013

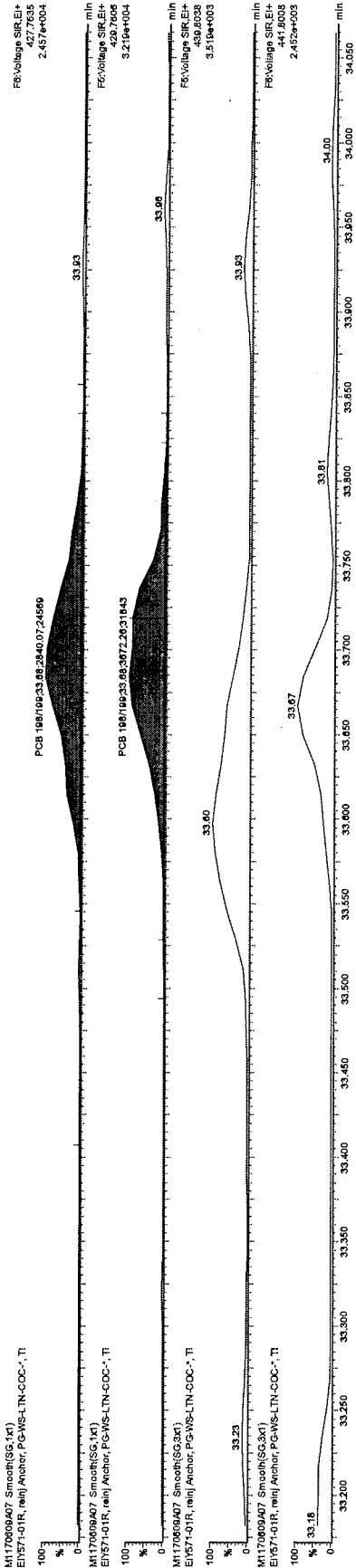


2017-06-12

MT2

Before  
M2

② 2017-06-12



After MZ

2017-06-12  
MT2

20170613

Analysis Type :

Maxxam ID # :

Analyte: PCB 77

Instr. File Name : M1170609A04  
 Injection Date :   
 Injection Time :

DAILY RFs  
Using post conceal

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

Analyte Area (Primary + Secondary Ions) =	<input type="text" value="1109"/>	=A	<input type="text" value="1.016"/>
Recovery Standard Area (Primary + Secondary ions) =	<input type="text" value="3491757"/>	=B	<input type="text" value="1.598"/>
Internal Standard Area (Primary + Secondary Ions) =	<input type="text" value="928003"/>	=C	<input type="text" value="0.00023"/>
Amount of Recovery Standard added to the Extract (pg, ng) =	<input type="text" value="11.11"/>	=D	<input type="text" value="92"/>
Amount of Internal Std. added to the sample (pg, ng) =	<input type="text" value="2"/>	=E	
Average RRF of Analyte =	<input type="text" value="1.016"/>	=F	
RRF of Internal Standard =	<input type="text" value="1.607"/>	=G	
Amount of Sample Extracted (g or L) =	<input type="text" value="10.013"/>	=H	
SPLIT / Dilution Factor =	<input type="text" value="1"/>	=I	
Analyte Conc. (pg/g, pg/L, Total pg) = or (ng/g, ng/L, Total ng) =	<input type="text" value="0.00023"/> ✓	=A*E/(C*H*I)*1	<input type="text" value="0.00023"/>
Internal Standard Recovery (%) =	<input type="text" value="92"/> ✓	=C*D*100/(B*E*G)	<input type="text" value="92"/>

Sample ID EIY572-01R, reinj  
 Comments  
 Instrument File Ultima 1  
 Sample Size 10.013

Dil Fac 1.00

5X

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	Isomers	DL	S/N	Mod	rf	Rec
1 PCB 1	188	NotFnd	*	*	*	-0.000223			-0.000223	*	no	1.053	-
	MoCB 190	8.81	*	no	*					*			
2 PCB 2	188	NotFnd	*	*	*	-0.000197			-0.000197	*	no	1.188	-
	MoCB 190	0.00	*	no	*					*			
3 PCB 3	188	10.00	-1135	3.13	-1497.62	-0.000593	PCB 3 NDR		-0.000222	8	xL	1.055	-
	MoCB 190	10.01	-362.6198	OK	*					250			
4 PCB 4	222	NotFnd	*	*	*	-0.002729			-0.002729	*	no	1.191	-
	DICB 224	10.12	*	no	*					*			
5 PCB 10	222	NotFnd	*	*	*	-0.002727			-0.002727	*	no	1.192	-
	DICB 224	10.21	*	no	*					*			
6 PCB 9	222	NotFnd	*	*	*	-0.000272			-0.000272	*	no	1.471	-
	DICB 224	11.01	*	no	*					*			
7 PCB 7	222	NotFnd	*	*	*	-0.000283			-0.000283	*	no	1.415	-
	DICB 224	11.09	*	no	*					*			
8 PCB 6	222	NotFnd	*	*	*	-0.000276			-0.000276	*	no	1.449	-
	DICB 224	11.19	*	no	*					*			
9 PCB 5	222	NotFnd	*	*	*	-0.00033			-0.00033	*	no	1.212	-
	DICB 224	11.31	*	no	*					*			
10 PCB 8	222	11.36	2999	1.57	4910	0.001082			-0.00023	25	yes	1.744	-
	DICB 224	11.37	1911	yes	*					20			
11 PCB 14	222	NotFnd	*	*	*	-0.000275			-0.000275	*	no	1.455	-
	DICB 224	12.05	*	no	*					*			
12 PCB 11	222	12.42	24839	1.5	41448	0.010891			-0.000274	186	yes	1.463	-
	DICB 224	12.42	16609	yes	*					188			
13 PCB 13/12	222	NotFnd	*	*	*	-0.000281			-0.000281	*	no	1.425	-
	DICB 224	12.66	*	no	*					*			
14 PCB 15	222	12.70	-2615	1.58	-4291.282	-0.00109	PCB 15 NDR		-0.000419	18	xL	0.956	-
	DICB 224	12.70	-1676.282	OK	*					19			
15 PCB 19	256	11.48	336	2.73	459	-0.000424			-0.000424	*	yes	1.06	-
	TriCB 258	11.48	123	no	*					*			
16 PCB 30/18	256	12.27	-5660.72	1.04	-11103.72	-0.003277	PCB 30/18 NDR		-0.00043	97	xL	1.046	-
	TriCB 258	12.27	-5443	OK	*					84			
17 PCB 17	256	12.46	1321	1.06	2571	0.000955			-0.00054	15	yes	0.833	-
	TriCB 258	12.48	1250	yes	*					19			
18 PCB 27	256	12.56	277	0.69	675	-0.000367			-0.000367	*	yes	1.225	-
	TriCB 258	12.56	399	no	*					*			
19 PCB 24	256	NotFnd	*	*	*	-0.000405			-0.000405	*	no	1.11	-
	TriCB 258	12.61	*	no	*					*			
20 PCB 16	256	12.66	-896.48	1.04	-1758.48	-0.000738	PCB 16 NDR		-0.000611	14	xL	0.736	-
	TriCB 258	12.69	-862	OK	*					9			
21 PCB 32	256	12.90	-892.32	1.04	-1750.32	-0.000414	PCB 32 NDR		-0.000344	13	xL	1.306	-
	TriCB 258	12.90	-858	OK	*					11			
22 PCB 34	256	NotFnd	*	*	*	-0.000184			-0.000184	*	no	1.367	-
	TriCB 258	13.48	*	no	*					*			
23 PCB 23	256	NotFnd	*	*	*	-0.00019			-0.00019	*	no	1.327	-
	TriCB 258	13.56	*	no	*					*			
24 PCB 26/29	256	13.70	2235	1.09	4294	0.000937			-0.000178	16	no	1.419	-
	TriCB 258	13.72	2060	yes	*					16			
25 PCB 25	256	13.84	1858	0.9	3920	0.000858			-0.000178	15	no	1.414	-
	TriCB 258	13.85	2082	yes	*					17			
26 PCB 31	256	13.99	8280	1.01	16442	0.003362			-0.000187	70	no	1.514	-
	TriCB 258	14.01	8162	yes	*					68			
27 PCB 28/20	256	14.13	9799	1.08	18906	0.004133			-0.000178	76	no	1.416	-
	TriCB 258	14.16	9107	yes	*					73			
28 PCB 21/33	256	14.27	4715	1	9453	0.002037			-0.000178	35	no	1.436	-
	TriCB 258	14.27	4738	yes	*					37			
29 PCB 22	256	14.48	-1718.08	1.04	-3370.08	-0.000778	PCB 22 NDR		-0.000188	21	xL	1.338	-
	TriCB 258	14.47	-1652	OK	*					14			
30 PCB 36	256	15.29	-788.32	1.04	-1546.32	-0.000293	PCB 36 NDR		-0.000155	7	xL	1.629	-
	TriCB 258	15.30	-758	OK	*					6			
31 PCB 39	256	NotFnd	*	*	*	-0.000172			-0.000172	*	no	1.469	-
	TriCB 258	15.50	*	no	*					*			
32 PCB 38	256	15.93	-1077.44	1.04	-2113.44	-0.000452	PCB 38 NDR		-0.000175	35	xL	1.444	-
	TriCB 258	15.91	-1036	OK	*					7			
33 PCB 35	256	16.10	858	0.95	1758	0.000388			-0.00018	6	yes	1.403	-
	TriCB 258	16.10	900	yes	*					7			
34 PCB 37	256	16.36	-1844	1.04	-3617.077	-0.00077	PCB 37 NDR		-0.000285	14	xL	0.951	-
	TriCB 258	16.36	-1773.077	OK	*					16			
35 PCB 54	290	NotFnd	*	*	*	-0.000398			-0.000398	*	no	1.071	-
	TCB 292	12.82	*	no	*					*			
36 PCB 53/50	290	13.85	531	0.77	1225	0.000398			-0.000201	9	yes	0.844	-
	TCB 292	13.86	694	yes	*					8			
37 PCB 45/51	290	14.24	1957	0.66	4914	0.001645			-0.000207	25	no	0.819	-
	TCB 292	14.21	2957	yes	*					29			
38 PCB 46	290	14.37	291	0.87	627	0.000251			-0.000247	6	yes	0.885	-
	TCB 292	14.35	335	yes	*					4			
39 PCB 52	290	15.08	16655	0.72	39875	0.012373			-0.000192	243	yes	0.883	-
	TCB 292	15.05	23220	yes	*					281			
40 PCB 73	290	NotFnd	*	*	*	-0.000144			-0.000144	*	no	1.179	-
	TCB 292	15.14	*	no	*					*			
41 PCB 43	290	15.20	164	0.68	403	-0.00028			-0.00028	*	yes	0.604	-
	TCB 292	15.21	239	yes	*					*			
42 PCB 69/49	290	15.36	6279	0.68	15577	0.004528			-0.00018	97	yes	0.942	-
	TCB 292	15.34	9299	yes	*					101			
43 PCB 48	290	15.53	3517	0.74	8290	0.002783			-0.000207	53	yes	0.816	-
	TCB 292	15.50	4773	yes	*					51			
44 PCB 44/47/65	290	15.67	19085	0.68	47091	0.01429			-0.000187	252	yes	0.903	-
	TCB 292	15.64	28007	yes	*					276			
45 PCB 59/62/75	290	15.83	-356	0.77	-818.3377	-0.000206	PCB 59/62/75 NDR		-0.000155	5	xL	1.091	-

46	PCB 42	TCB 292	15.84	-462.3377	OK					9			
		290	15.87	-831.6	0.77	-1911.6	-0.000708	PCB 42 NDR	-0.000228	13	xL	0.741	-
		TCB 292	15.94	-1080	OK					10			
47	PCB 40/41/71	290	16.24	3113	0.82	6888	0.002231		-0.0002	42	no	0.846	-
		TCB 292	16.23	3775	yes					32			
48	PCB 64	290	16.38	3156	0.8	7103	0.001907		-0.000166	45	no	1.02	-
		TCB 292	16.37	3947	yes					31			
49	PCB 72	290	16.87	275	0.85	600	-0.000149		-0.000149	*	yes	1.392	-
		TCB 292	16.90	325	yes					*			
50	PCB 68	290	17.04	6201	0.82	13719	0.002722		-0.00015	52	no	1.381	-
		TCB 292	17.09	7517	yes					50			
51	PCB 57	290	NotFnd	*	*	*	-0.000153		-0.000153	*	no	1.353	-
		TCB 292	17.36	*	no	*				*			
52	PCB 58	290	NotFnd	*	*	*	-0.000156		-0.000156	*	no	1.326	-
		TCB 292	17.51	*	no	*				*			
53	PCB 67	290	17.60	881	0.73	2094	0.000422		-0.000152	7	yes	1.359	-
		TCB 292	17.59	1213	yes					8			
54	PCB 63	290	17.77	538	0.74	1267	0.000246		-0.000147	5	yes	1.41	-
		TCB 292	17.76	730	yes					4			
55	PCB 61/70/74/76	290	17.98	15045	0.73	35722	0.007499		-0.000158	96	no	1.305	-
		TCB 292	18.01	20678	yes					104			
56	PCB 66	290	18.22	-5938	0.77	-13649.69	-0.002772	PCB 66 NDR	-0.000153	46	xL	1.351	-
		TCB 292	18.24	-7711.688	OK					53			
57	PCB 55	290	NotFnd	*	*	*	-0.000163		-0.000163	*	no	1.272	-
		TCB 292	18.37	*	no	*				*			
58	PCB 56	290	18.69	1660	0.84	3628	0.000754		-0.000157	15	no	1.317	-
		TCB 292	18.70	1969	yes					12			
59	PCB 60	290	18.84	-1305	0.77	-2999.805	-0.000654	PCB 60 NDR	-0.000164	11	xL	1.259	-
		TCB 292	18.87	-1604.805	OK					12			
60	PCB 80	290	NotFnd	*	*	*	-0.000139		-0.000139	*	no	1.492	-
		TCB 292	19.10	*	no	*				*			
61	PCB 79	290	20.23	180	0.41	625	-0.000134		-0.000134	*	yes	1.541	-
		TCB 292	20.23	445	no	*				*			
62	PCB 78	290	NotFnd	*	*	*	-0.000146		-0.000146	*	no	1.418	-
		TCB 292	20.68	*	no	*				*			
63	PCB 81	290	NotFnd	*	*	*	-0.000203		-0.000203	*	no	1.02	-
		TCB 292	21.01	*	no	*				*			
64	PCB 77	290	21.44	440	0.66	1109	0.000235		-0.000204	4	yes	1.016	-
		TCB 292	21.44	669	yes	*				5			
65	PCB 104	326	NotFnd	*	*	*	-0.000368		-0.000368	*	no	1.194	-
		PeCB 328	15.64	*	no	*				*			
66	PCB 96	326	NotFnd	*	*	*	-0.000545		-0.000545	*	no	0.806	-
		PeCB 328	15.85	*	no	*				*			
67	PCB 103	326	16.99	514	2.28	739	-0.000367		-0.000367	*	yes	0.824	-
		PeCB 328	18.98	225	no	*				*			
68	PCB 94	326	NotFnd	*	*	*	-0.00045		-0.00045	*	no	0.672	-
		PeCB 328	17.12	*	no	*				*			
69	PCB 95	326	17.42	9030	1.45	15242	0.005365		-0.000383	42	no	0.79	-
		PeCB 328	17.40	6211	yes					46			
70	PCB 100/93/102/98	326	17.65	773	1.45	1306	0.0005		-0.000416	3	yes	0.727	-
		PeCB 328	17.54	533	yes					4			
71	PCB 88/91	326	18.00	1529	1.75	2403	0.000916		-0.000415	7	no	0.73	-
		PeCB 328	17.95	874	yes					6			
72	PCB 84	326	18.15	1939	1.58	3164	0.001367		-0.00047	9	no	0.644	-
		PeCB 328	18.12	1226	yes					9			
73	PCB 89	326	18.48	234	5.49	276	-0.00043		-0.00043	*	yes	0.704	-
		PeCB 328	18.45	43	no	*				*			
74	PCB 121	326	NotFnd	*	*	*	-0.000307		-0.000307	*	no	0.986	-
		PeCB 328	18.70	*	no	*				*			
75	PCB 92	326	18.98	5261	1.77	8235	0.003115		-0.000412	21	no	0.735	-
		PeCB 328	18.96	2974	yes					20			
76	PCB 113/90/101	326	19.42	45386	1.46	76459	0.024581		-0.00035	195	no	0.865	-
		PeCB 328	19.38	31073	yes					209			
77	PCB 83/99	326	19.85	13268	1.42	22579	0.008284		-0.000399	59	no	0.758	-
		PeCB 328	19.84	9311	yes	*				51			
78	PCB 112	326	NotFnd	*	*	*	-0.000323		-0.000323	*	no	0.938	-
		PeCB 328	19.92	*	no	*				*			
79	PCB 109/119/86/97/125/1	326	20.25	10663	1.52	17680	0.005618		-0.000345	26	no	0.876	-
		PeCB 328	20.21	7016	yes					26			
80	PCB 117/116/85	326	20.80	3466	1.36	6009	0.001817		-0.000329	13	yes	0.92	-
		PeCB 328	20.76	2543	yes					14			
81	PCB 110/115	326	20.90	19239	1.57	31509	0.00921		-0.000318	78	yes	0.952	-
		PeCB 328	20.88	12270	yes					74			
82	PCB 82	326	21.16	958	1.61	1555	0.000634		-0.000444	4	yes	0.682	-
		PeCB 328	21.15	597	yes	*				4			
83	PCB 111	326	NotFnd	*	*	*	-0.000303		-0.000303	*	no	1	-
		PeCB 328	21.45	*	no	*				*			
84	PCB 120	326	NotFnd	*	*	*	-0.000278		-0.000278	*	no	1.089	-
		PeCB 328	21.81	*	no	*				*			
85	PCB 108/124	326	22.76	-677.35	1.55	-1114.35	-0.000255	PCB 108/124 NDR	-0.000117	9	xL	1.213	-
		PeCB 328	22.78	-437	OK					8			
86	PCB 107	326	22.97	2607	1.61	4231	0.000853		-0.000103	10	yes	1.38	-
		PeCB 328	22.98	1624	yes					21			
87	PCB 123	326	23.07	183	1.58	296	-0.000154		-0.000154	*	yes	0.921	-
		PeCB 326	23.08	116	yes	*				*			
88	PCB 108	326	NotFnd	*	*	*	-0.000123		-0.000123	*	no	1.152	-
		PeCB 328	23.19	*	no	*				*			
89	PCB 118	326	23.35	20787	1.6	33759	0.008366		-0.000138	167	no	1.028	-
		PeCB 328	23.33	12972	yes	*				173			
90	PCB 122	326	NotFnd	*	*	*	-0.000122		-0.000122	*	no	1.164	-
		PeCB 328	23.63	*	no	*				*			
91	PCB 114	326	23.83	430	1.57	704	0.000181		-0.000138	4	yes	1.023	-
		PeCB 328	23.82	274	yes					4			
92	PCB 105	326	24.39	6677	1.36	11577	0.00295		-0.000138	53	no	1.024	-
		PeCB 328	24.38	4900	yes	*				54			
93	PCB 127	326	NotFnd	*	*	*	-0.000109		-0.000109	*	no	1.302	-
		PeCB 328	25.69	*	no	*				*			
94	PCB 126	326	NotFnd	*	*	*	-0.00013		-0.00013	*	no	1.093	-
		PeCB 328	27.22	*	no	*				*			

95 PCB 155	360	NotFnd	*	*	*	-0.000179		-0.000179	*	no	1.103	-
	HxCB 362	19.26	*	no	*				*			
96 PCB 152	360	NotFnd	*	*	*	-0.000232		-0.000232	*	no	0.851	-
	HxCB 362	19.40	*	no	*				*			
97 PCB 150	360	NotFnd	*	*	*	-0.000273		-0.000273	*	no	0.724	-
	HxCB 362	19.53	*	no	*				*			
98 PCB 136	360	19.80	2283	1.25	4104	0.002293		-0.000251	16	yes	0.787	-
	HxCB 362	19.78	1820	yes	*				18			
99 PCB 145	360	NotFnd	*	*	*	-0.000269		-0.000269	*	no	0.734	-
	HxCB 362	20.03	*	no	*				*			
100 PCB 148	360	NotFnd	*	*	*	-0.000326		-0.000326	*	no	0.605	-
	HxCB 362	21.13	*	no	*				*			
101 PCB 151/135	360	21.63	6182	1.14	11604	0.008761		-0.000339	40	yes	0.583	-
	HxCB 362	21.61	5422	yes	*				40			
102 PCB 154	360	21.82	751	1.08	1446	0.000948		-0.000294	6	yes	0.671	-
	HxCB 362	21.82	695	yes	*				8			
103 PCB 144	360	22.10	811	1.29	1443	0.001024		-0.000318	6	yes	0.62	-
	HxCB 362	22.07	631	yes	*				6			
104 PCB 147/149	360	22.38	18967	1.37	32802	0.018472		-0.000522	134	yes	0.781	-
	HxCB 362	22.36	13835	yes	*				110			
105 PCB 134/143	360	22.57	762	1.39	1311	0.000851		-0.000602	5	yes	0.678	-
	HxCB 362	22.61	549	yes	*				4			
106 PCB 139/140	360	22.90	-443.92	1.24	-801.92	-0.000516	PCB 139/140 NDR	-0.000516	*	Op-O	0.791	-
	HxCB 362	22.88	-358	OK	*				*			
107 PCB 131	360	NotFnd	*	*	*	-0.000657		-0.000657	*	no	0.621	-
	HxCB 362	23.05	*	no	*				*			
108 PCB 142	360	NotFnd	*	*	*	-0.000587		-0.000587	*	no	0.695	-
	HxCB 362	23.19	*	no	*				*			
109 PCB 132	360	23.45	4739	1.37	8199	0.005308		-0.000801	30	no	0.679	-
	HxCB 362	23.44	3460	yes	*				25			
110 PCB 133	360	23.85	1252	1.36	2174	0.001272		-0.000542	8	no	0.752	-
	HxCB 362	23.86	922	yes	*				7			
111 PCB 165	360	NotFnd	*	*	*	-0.000427		-0.000427	*	no	0.955	-
	HxCB 362	24.23	*	no	*				*			
112 PCB 146	360	24.42	-6514.96	1.24	-11768.96	-0.00573	PCB 146 NDR	-0.000462	43	xL	0.882	-
	HxCB 362	24.43	-5254	OK	*				36			
113 PCB 161	360	NotFnd	*	*	*	-0.000403		-0.000403	*	no	1.012	-
	HxCB 362	24.54	*	no	*				*			
114 PCB 153/168	360	24.99	47181	1.36	81939	0.037061		-0.000419	263	no	0.973	-
	HxCB 362	25.01	34757	yes	*				240			
115 PCB 141	360	25.15	-1694.64	1.24	-2880.64	-0.001685	PCB 141 NDR	-0.000556	18	xL	0.734	-
	HxCB 362	25.15	-1286	OK	*				11			
116 PCB 130	360	25.55	1555	1.17	2878	0.0018		-0.000579	8	no	0.704	-
	HxCB 362	25.53	1324	yes	*				10			
117 PCB 137	360	25.79	-889	1.24	-1605.935	-0.001011	PCB 137 NDR	-0.000598	6	xL	0.682	-
	HxCB 362	25.76	-716.9355	OK	*				9			
118 PCB 164	360	25.82	-1525	1.24	-2754.839	-0.001101	PCB 164 NDR	-0.00038	9	xL	1.074	-
	HxCB 362	25.85	-1229.839	OK	*				12			
119 PCB 138/163/129	360	26.13	32418	1.21	59182	0.031413		-0.000492	177	no	0.829	-
	HxCB 362	26.17	26764	yes	*				177			
120 PCB 100	360	NotFnd	*	*	*	-0.000443		-0.000443	*	no	0.92	-
	HxCB 362	26.31	*	no	*				*			
121 PCB 158	360	26.50	-2101.32	1.24	-3904.32	-0.001541	PCB 158 NDR	-0.000375	15	xL	1.088	-
	HxCB 362	26.49	-1743	OK	*				14			
122 PCB 128/166	360	27.33	3200	1.41	5471	0.002696		-0.000457	21	no	0.893	-
	HxCB 362	27.33	2270	yes	*				19			
123 PCB 159	360	NotFnd	*	*	*	-0.000313		-0.000313	*	no	1.209	-
	HxCB 362	28.29	*	no	*				*			
124 PCB 162	360	NotFnd	*	*	*	-0.000314		-0.000314	*	no	1.206	-
	HxCB 362	28.55	*	no	*				*			
125 PCB 167	360	29.03	996	1.17	1848	0.000622		-0.000343	6	yes	1.103	-
	HxCB 362	29.04	852	yes	*				6			
126 PCB 156/167	360	30.15	1976	1.39	3395	0.001293		-0.000362	10	yes	1.047	-
	HxCB 362	30.18	1419	yes	*				6			
127 PCB 169	360	NotFnd	*	*	*	-0.000364		-0.000364	*	no	1.04	-
	HxCB 362	33.58	*	no	*				*			
128 PCB 188	394	23.80	219	1.08	422	-0.000184		-0.000184	*	yes	1.069	-
	HpCB 396	23.80	203	yes	*				*			
129 PCB 179	394	24.09	2800	1.12	5307	0.002453		-0.000158	26	no	1.113	-
	HpCB 396	24.09	2507	yes	*				23			
130 PCB 184	394	NotFnd	*	*	*	-0.000164		-0.000164	*	no	1.068	-
	HpCB 396	24.57	*	no	*				*			
131 PCB 176	394	24.89	723	0.92	1511	0.000746		-0.000168	7	yes	1.043	-
	HpCB 396	24.87	788	yes	*				8			
132 PCB 186	394	NotFnd	*	*	*	-0.000178		-0.000178	*	no	0.984	-
	HpCB 396	25.28	*	no	*				*			
133 PCB 178	394	26.55	2600	1.06	5059	0.003406		-0.00023	19	no	0.764	-
	HpCB 396	26.56	2458	yes	*				26			
134 PCB 175	394	27.14	454	2.29	652	-0.000216		-0.000216	*	Op-O	0.813	-
	HpCB 396	27.16	198	no	*				*			
135 PCB 187	394	27.42	14061	1.16	26163	0.016367		-0.000213	120	no	0.823	-
	HpCB 396	27.40	12102	yes	*				119			
136 PCB 182	394	NotFnd	*	*	*	-0.00022		-0.00022	*	no	0.796	-
	HpCB 396	27.61	*	no	*				*			
137 PCB 183	394	28.03	4037	0.97	8212	0.003977		-0.000631	20	yes	1.063	-
	HpCB 396	27.99	4175	yes	*				20			
138 PCB 185	394	NotFnd	*	*	*	-0.000818		-0.000818	*	no	0.82	-
	HpCB 396	28.08	*	no	*				*			
139 PCB 174	394	28.25	3026	0.9	6400	0.00363		-0.00074	14	no	0.907	-
	HpCB 396	28.24	3374	yes	*				14			
140 PCB 177	394	28.67	-2604	1.05	-5084	-0.002934	PCB 177 NDR	-0.000753	13	xL	0.891	-
	HpCB 396	28.65	-2480	OK	*				15			
141 PCB 181	394	NotFnd	*	*	*	-0.000746		-0.000746	*	no	0.9	-
	HpCB 396	29.06	*	no	*				*			
142 PCB 171/173	394	29.29	1394	1.15	2602	0.001532		-0.000768	5	yes	0.874	-
	HpCB 396	29.28	1208	yes	*				6			
143 PCB 172	394	30.98	-798	1.05	-1558	-0.000887	PCB 172 NDR	-0.000743	3	xL	0.903	-
	HpCB 396	30.93	-760	OK	*				3			
144 PCB 192	394	NotFnd	*	*	*	-0.00061		-0.00061	*	no	1.101	-





194 PCB 111L	338	21.42	512434	1.64	825506	0.216194	0	4513	no	1.373	98
PCB Cleanup Standard	340	21.41	313073	yes				4367			
195 PCB 178L	406	26.51	220305	1.09	422235	0.214955	0	2193	no	0.732	97
PCB Cleanup Standard	408	26.52	201930	yes				6136			
196 PCB 31L	268	NotFnd	*	*	*	*	0.001		no	1.878	
PCB Audit Standard	270	13.98	*	no							
197 PCB 95L	338	NotFnd	*	*	*	*	0		no	0.916	
PCB Audit Standard	340	17.40	*	no							
198 PCB 153L	372	24.96	7280	1.29	12920	0.004107	0	68	no	1.173	2
PCB Audit Standard	374	24.98	5640	yes				74			
199 PCB 9L	234	10.99	3700656	1.6	6020130	14.75193	-	4725	no	-	-
PCB Recovery Standard	236	11.00	2319474	yes				13923			
200 PCB 52L	302	15.07	1552251	0.8	3491757	15.17978	-	4836	no	-	-
PCB Recovery Standard	304	15.05	1939506	yes				8982			
201 PCB 101L	338	19.40	1908002	1.62	3085779	14.68903	-	17714	no	-	-
PCB Recovery Standard	340	19.36	1177777	yes				17176			
202 PCB 138L	372	26.10	1672295	1.28	2975908	13.74234	-	15845	no	-	-
PCB Recovery Standard	374	26.07	1303613	yes				18342			
203 PCB 194L	440	38.65	442930	0.91	928305	5.385507	-	4219	no	-	-
PCB Recovery Standard	442	38.59	485375	yes				2893			
Chlorobiphenyls					-0.000223		0	-0.000223			
Dichlorobiphenyls					0.011973		2	-0.002729			
Trichlorobiphenyls					0.01267		7	-0.000611			
Tetrachlorobiphenyls					0.052284		15	-0.000398			
Pentachlorobiphenyls					0.073757		15	-0.000545			
Hexachlorobiphenyls					0.113814		14	-0.000657			
Heptachlorobiphenyls					0.041031		8	-0.000887			
Octachlorobiphenyls					0.002054		1	-0.001155			
Nonachlorobiphenyls					0.009358		2	-0.000805			
Decachlorobiphenyl					-0.001123		0	-0.001123			
PCB (total)					0.316939						

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

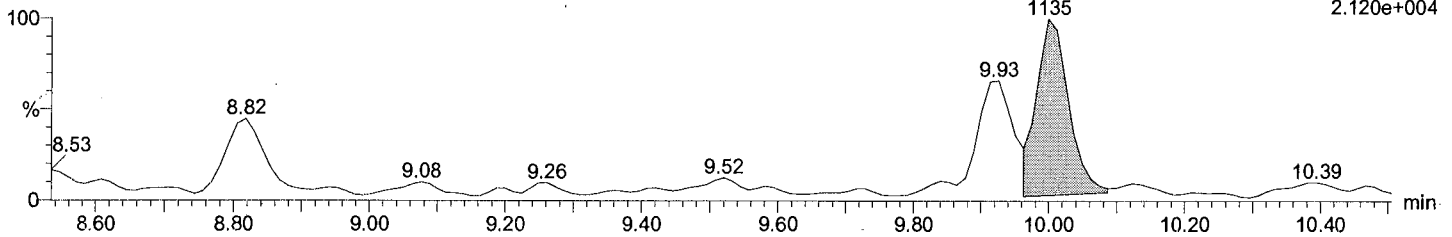
Time: 16:33:09

Instrument:

φ

Total MoCB F1

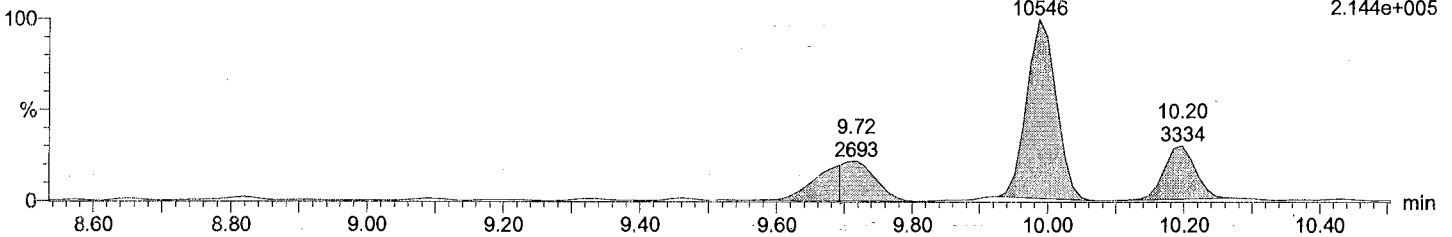
M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



h=2,634E3  
F1:Voltage SIR,EI+  
188.0393  
2.120e+004

Total MoCB F1

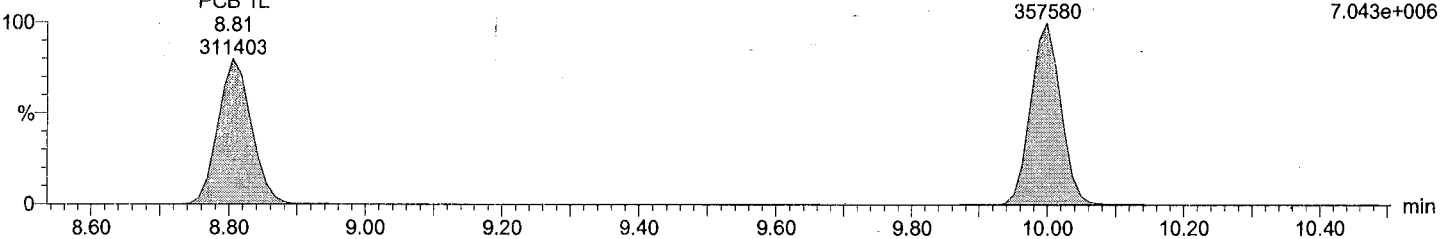
M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



F1:Voltage SIR,EI+  
190.0363  
2.144e+005

Total MoCB labeled F1

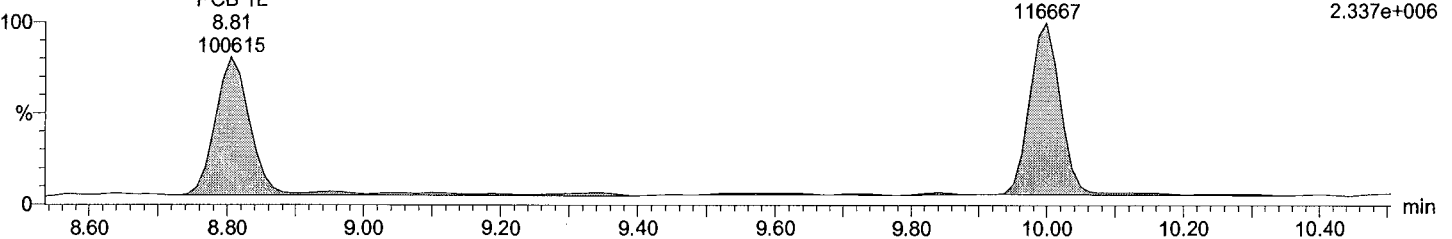
M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



F1:Voltage SIR,EI+  
200.0795  
7.043e+006

Total MoCB labeled F1

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



F1:Voltage SIR,EI+  
202.076  
2.337e+006

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

Instrument:

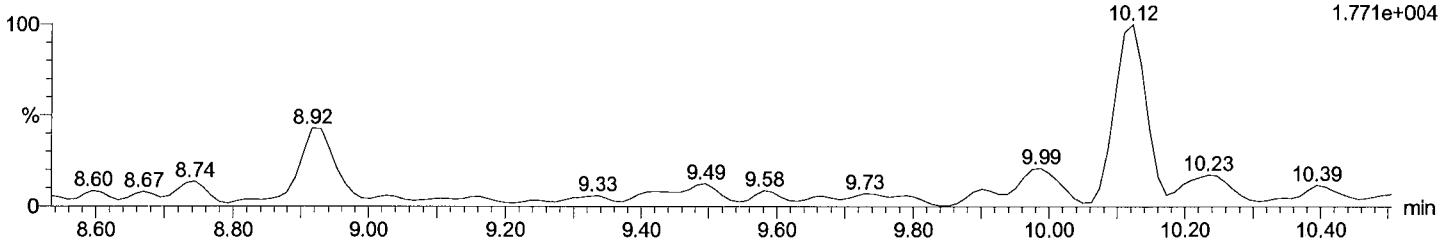
Ø

$h = 1.711E4$

Total DiCB F1

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

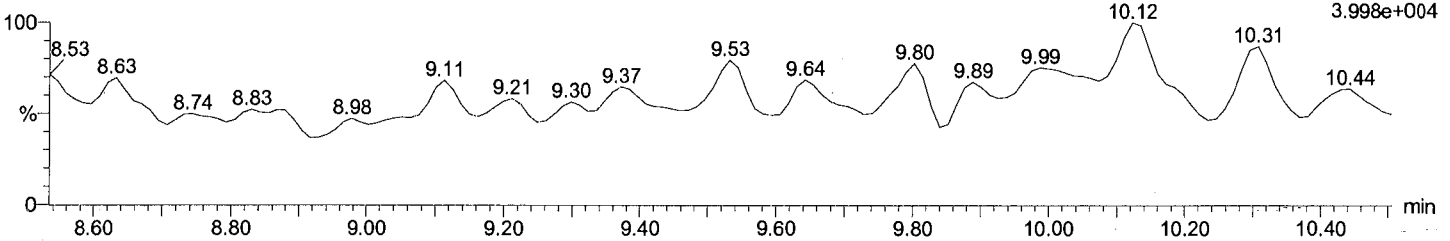
F1:Voltage SIR,EI+  
222.0003  
1.771e+004



Total DiCB F1

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

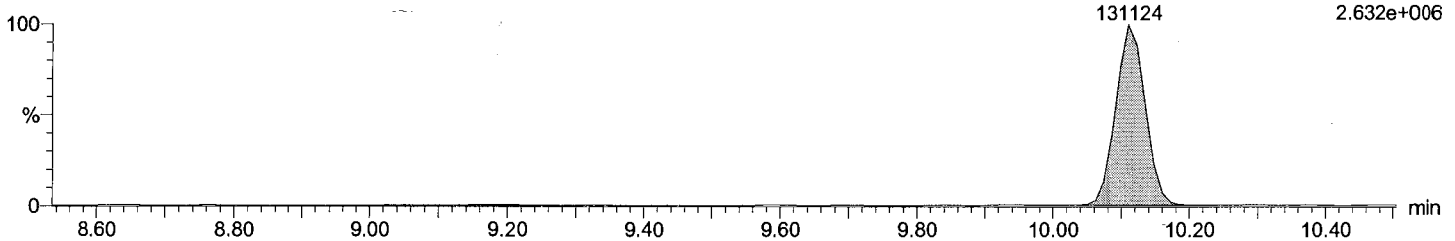
F1:Voltage SIR,EI+  
223.9974  
3.998e+004



Total DiCB labeled F1

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

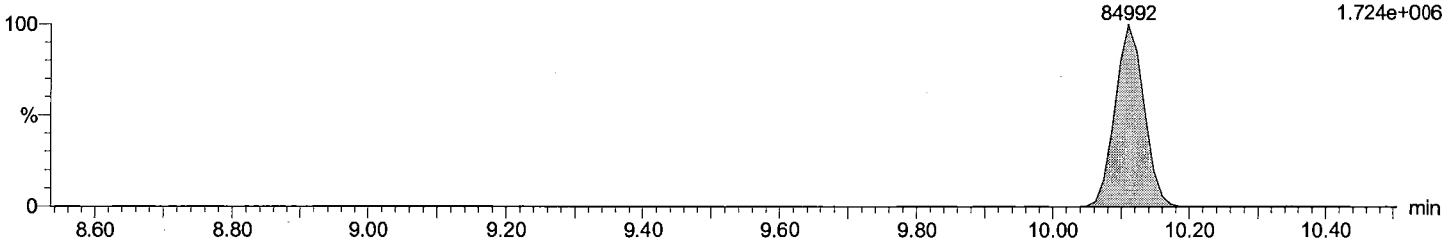
PCB 4L  
10.11  
131124  
F1:Voltage SIR,EI+  
234.0406  
2.632e+006



Total DiCB labeled F1

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 4L  
10.11  
84992  
F1:Voltage SIR,EI+  
236.0376  
1.724e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

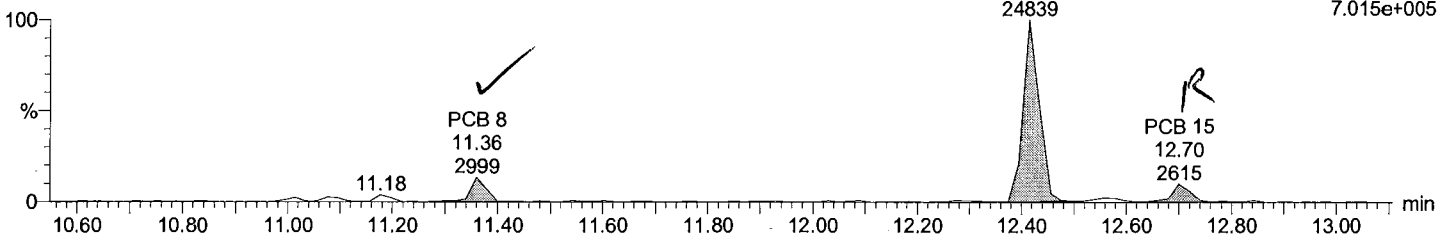
Instrument:

2

Total DiCB F2

M1170609A08  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

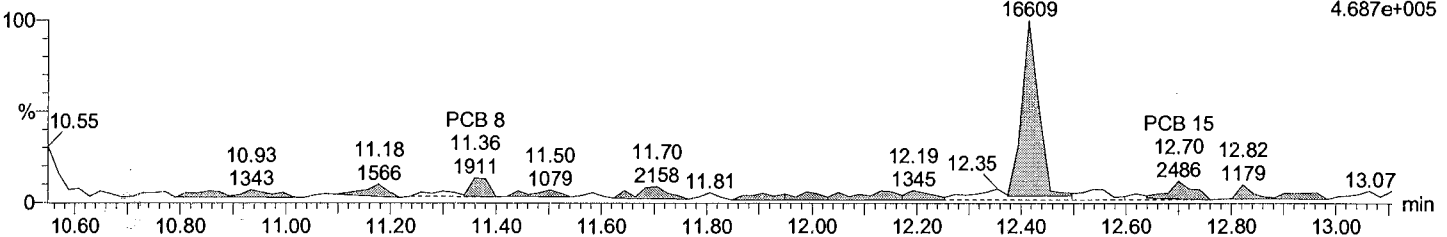
$n = 3.746E3$   
F2: Voltage SIR, EI+  
222.0003  
7.015e+005



Total DiCB F2

M1170609A08  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

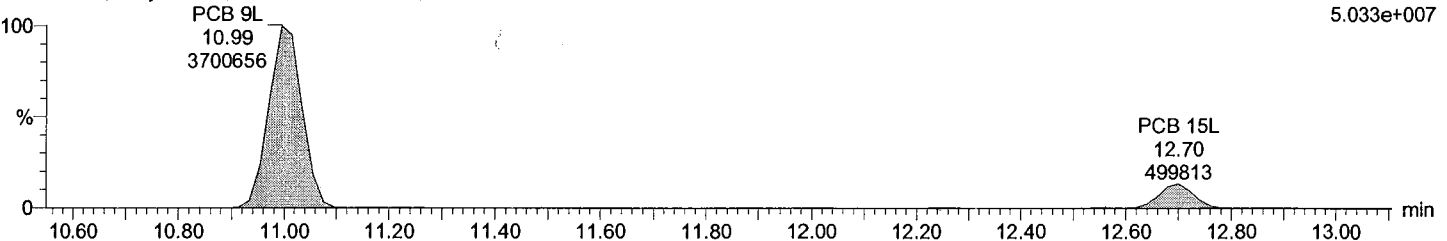
F2: Voltage SIR, EI+  
223.9974  
4.687e+005



Total DiCB labeled F2

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

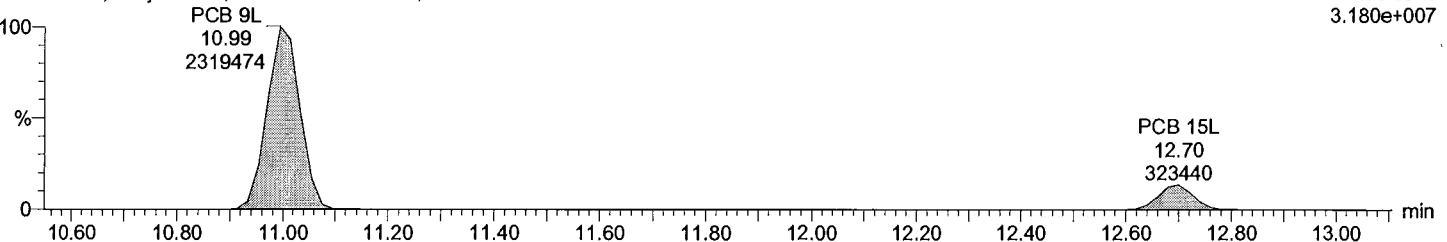
F2: Voltage SIR, EI+  
234.0406  
5.033e+007



Total DiCB labeled F2

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F2: Voltage SIR, EI+  
236.0376  
3.180e+007



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

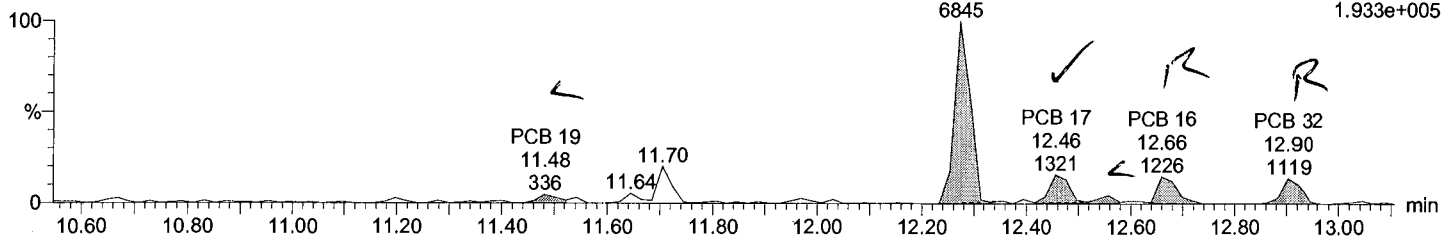
Instrument:

D

Total TriCB F2

M1170609A08  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

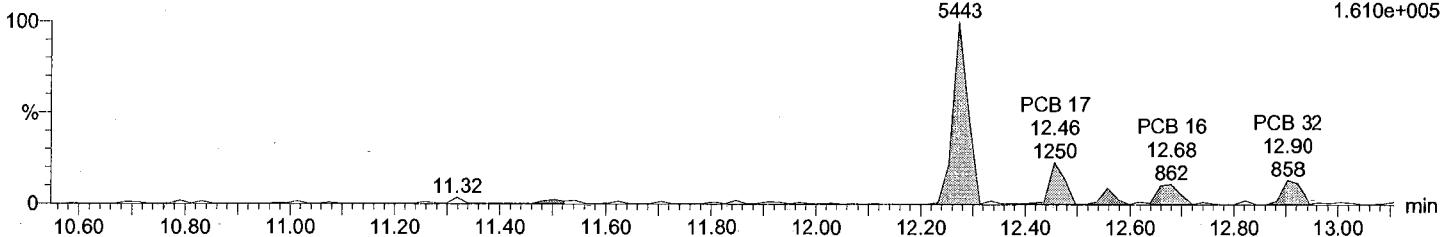
$h = 1.987 E3$   
F2: Voltage SIR, EI+  
255.9614  
1.933e+005



Total TriCB F2

M1170609A08  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

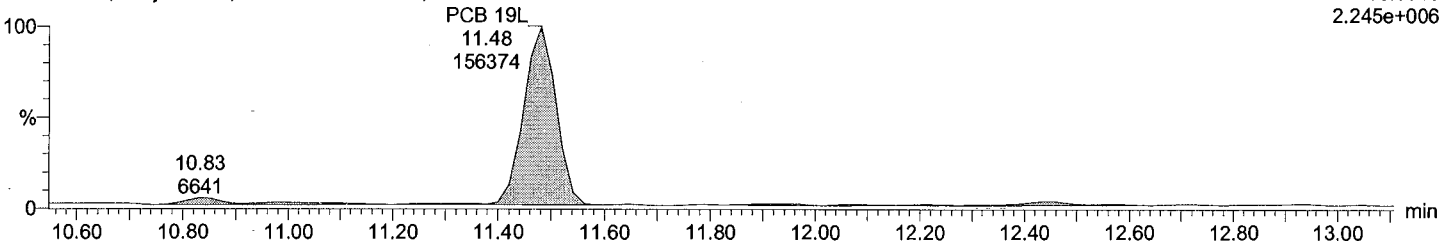
F2: Voltage SIR, EI+  
257.9584  
1.610e+005



Total TriCB labeled F2

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

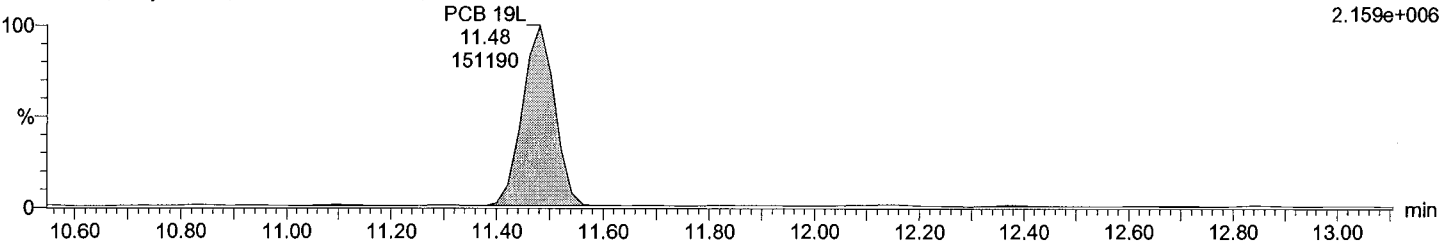
F2: Voltage SIR, EI+  
268.0016  
2.245e+006



Total TriCB labeled F2

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F2: Voltage SIR, EI+  
269.9986  
2.159e+006



Dataset: C:\MassLynx\Default.pro\QLDM1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

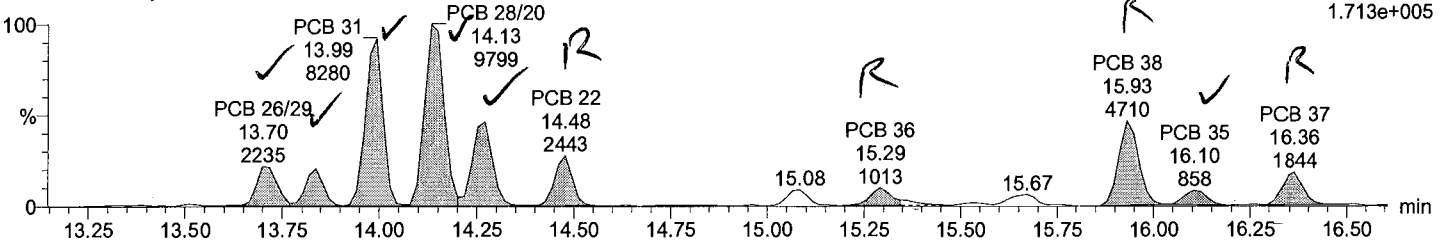
Instrument:

6

Total TriCB F3

M1170609A08 Smooth(SG,1x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

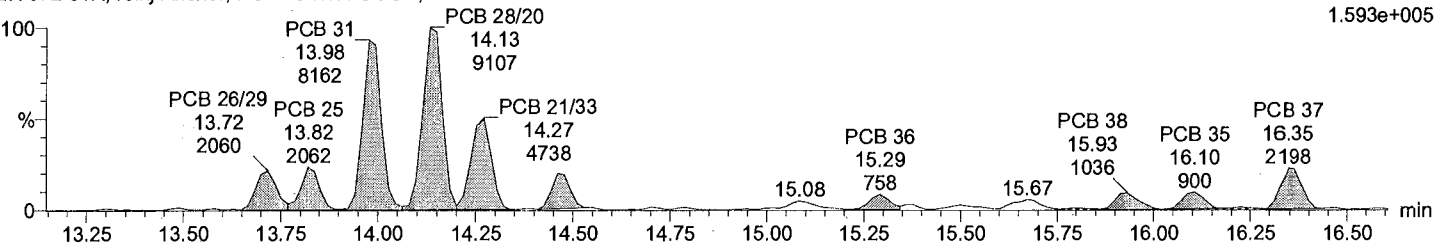
$h = 2.26E3$   
F3:Voltage SIR,EI+  
255.9614  
1.713e+005



Total TriCB F3

M1170609A08 Smooth(SG,1x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

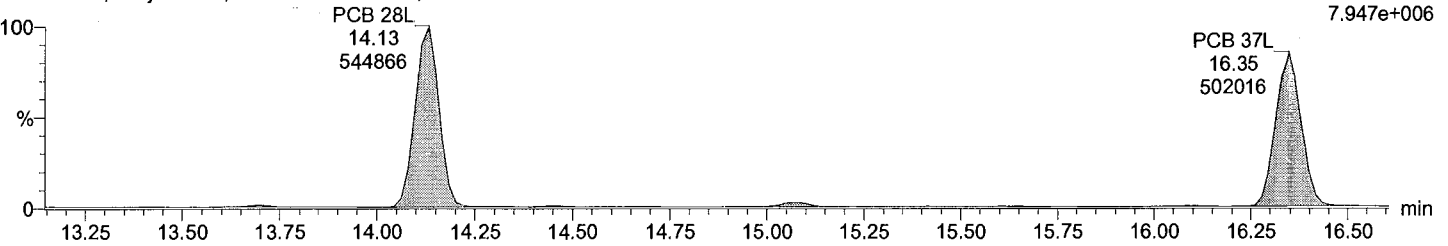
F3:Voltage SIR,EI+  
257.9584  
1.593e+005



Total TriCB labeled F3

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

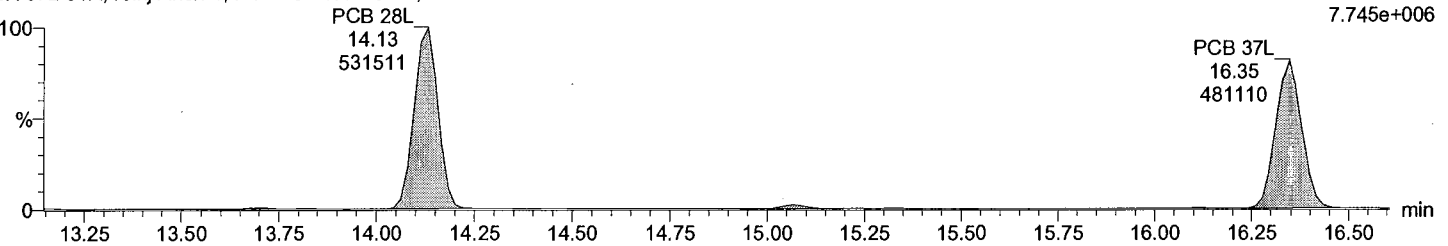
F3:Voltage SIR,EI+  
268.0016  
7.947e+006



Total TriCB labeled F3

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
269.9986  
7.745e+006



Quantify Sample Report MassLynx 4.0 SP1  
Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj  
Vial: 8  
Date: 09-Jun-2017  
Time: 16:33:09  
Instrument:

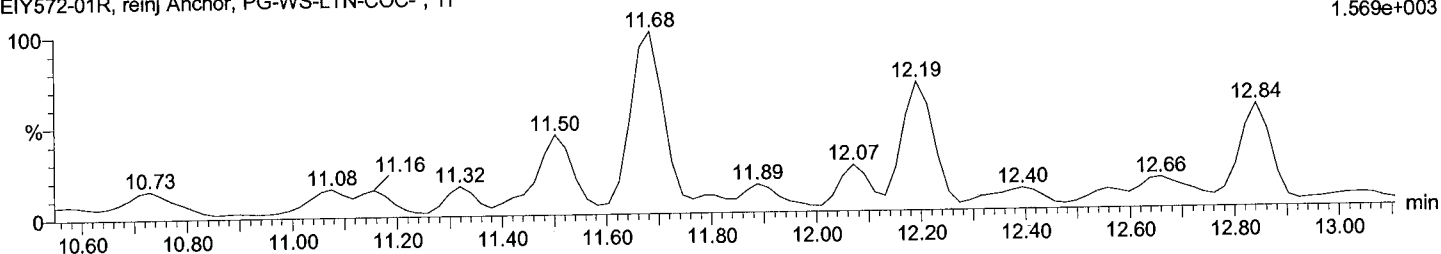


$h = 1.569 E3$

Total TeCB F2

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

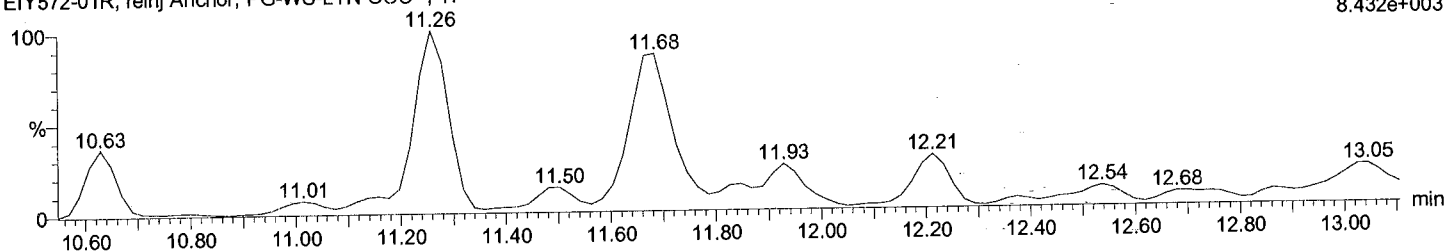
F2:Voltage SIR,EI+  
289.9224  
1.569e+003



Total TeCB F2

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

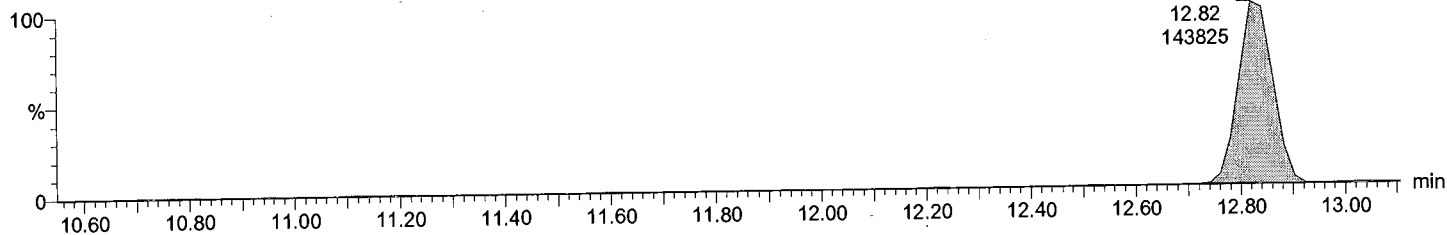
F2:Voltage SIR,EI+  
291.9194  
8.432e+003



Total TeCB labeled F2

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

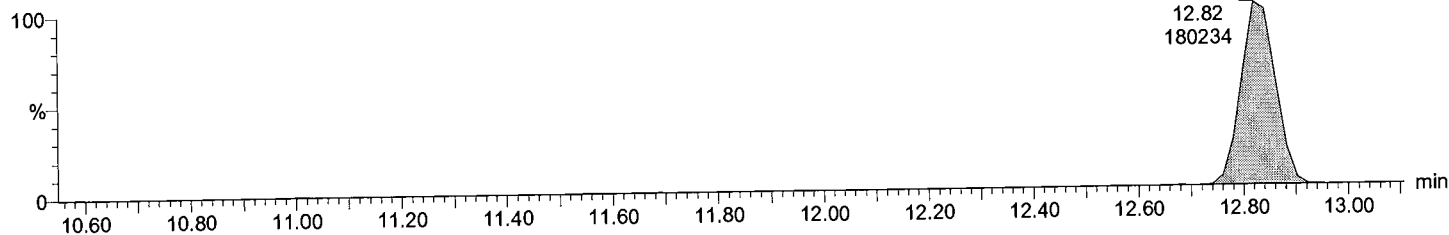
F2:Voltage SIR,EI+  
301.9626  
1.889e+006



Total TeCB labeled F2

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
303.9597  
2.371e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

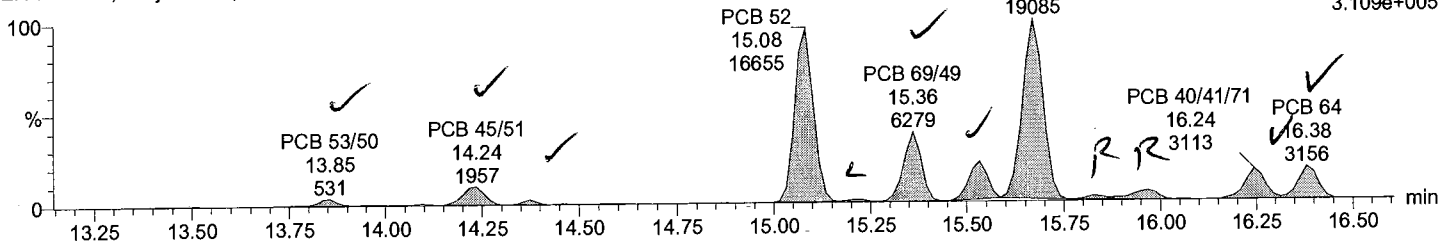
Instrument:

9

Total TeCB F3

M1170609A08 Smooth(SG,1x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

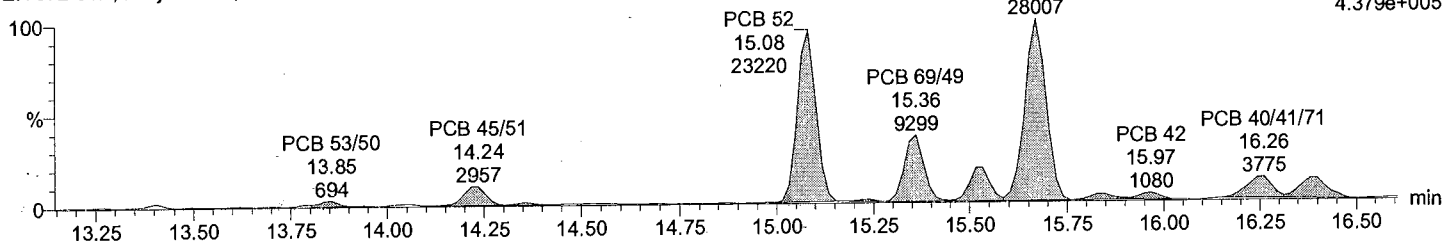
h=1.219E3  
F3:Voltage SIR,EI+  
289.9224  
3.109e+005



Total TeCB F3

M1170609A08 Smooth(SG,1x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

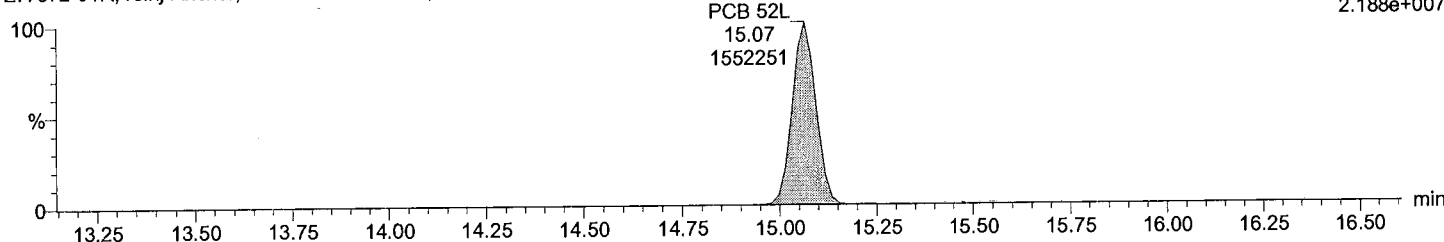
F3:Voltage SIR,EI+  
291.9194  
4.379e+005



Total TeCB labeled F3

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

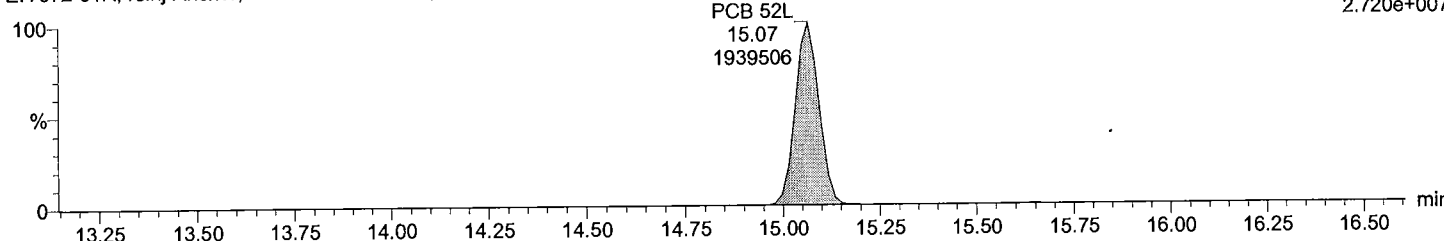
F3:Voltage SIR,EI+  
301.9626  
2.188e+007



Total TeCB labeled F3

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
303.9597  
2.720e+007





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

Instrument:

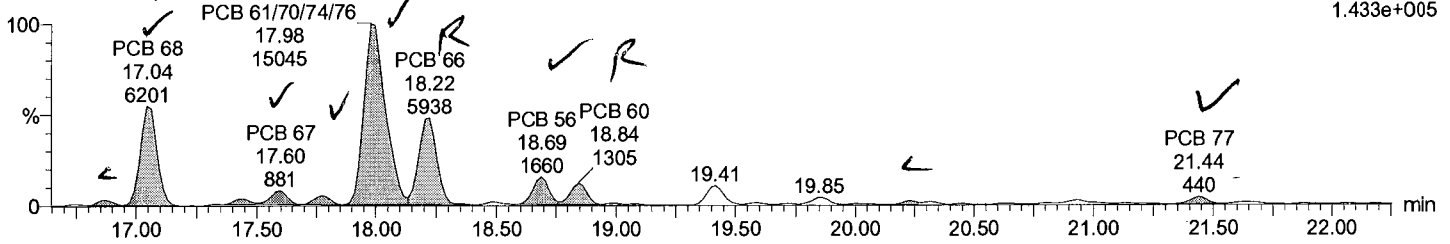
6

h=1,485 E3

Total TeCB F4

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

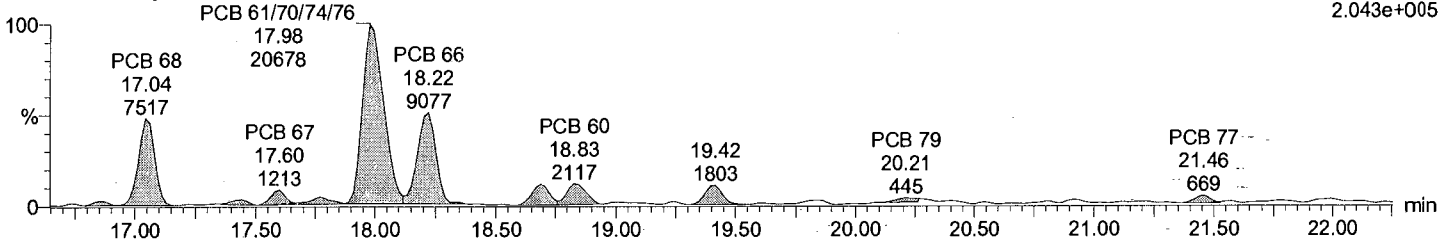
F4:Voltage SIR,EI+  
289.9224  
1.433e+005



Total TeCB F4

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

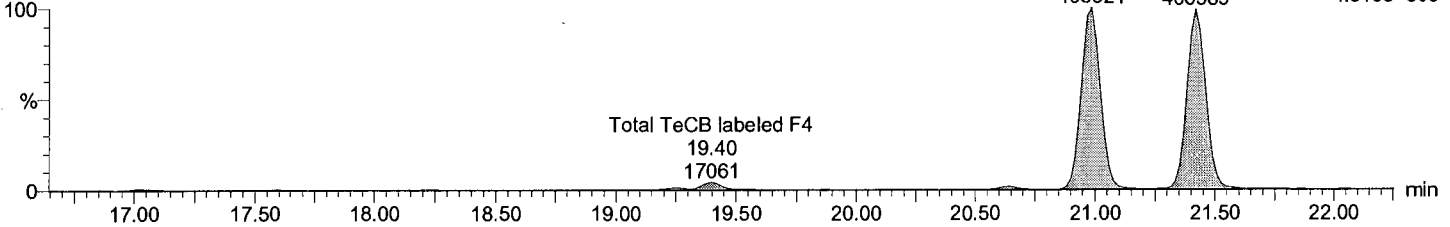
F4:Voltage SIR,EI+  
291.9194  
2.043e+005



Total TeCB labeled F4

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

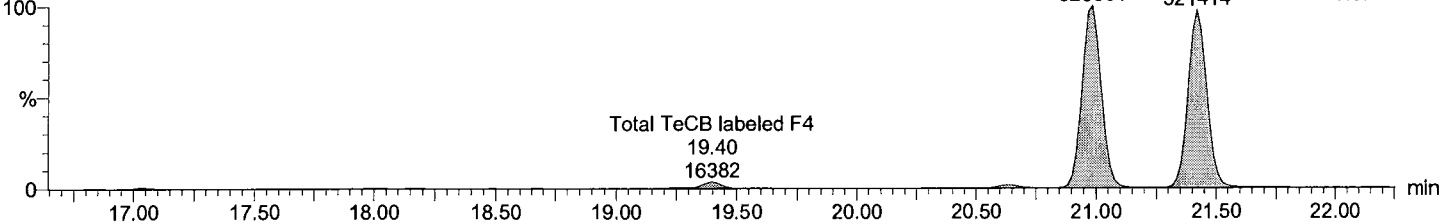
PCB 81L 20.99 406321  
PCB 77L 21.42 406589  
F4:Voltage SIR,EI+  
301.9626  
4.519e+006



Total TeCB labeled F4

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 81L 20.99 528991  
PCB 77L 21.42 521414  
F4:Voltage SIR,EI+  
303.9597  
5.874e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

Instrument:

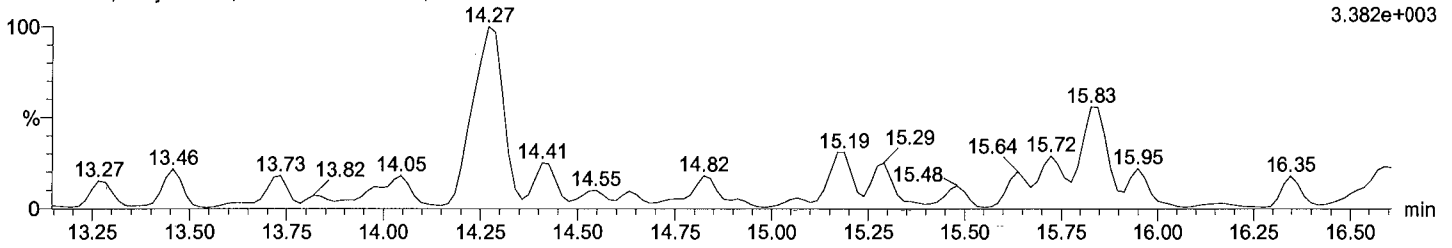
Ø

$h = 3.382E3$

Total PeCB F3

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

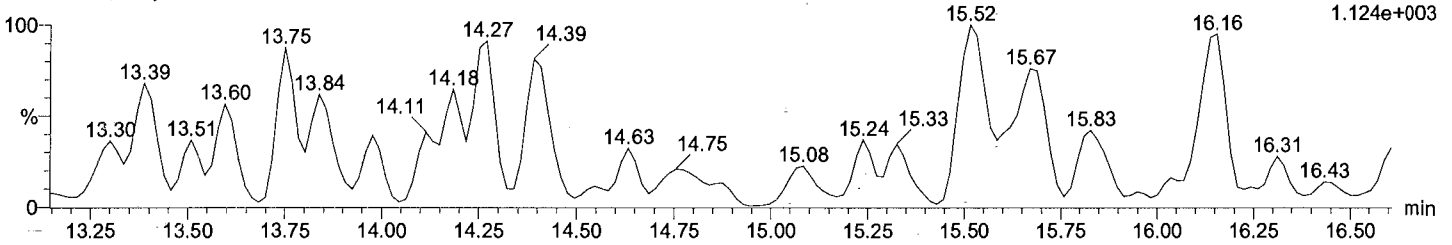
F3:Voltage SIR,EI+  
325.8805  
3.382e+003



Total PeCB F3

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
327.8775  
1.124e+003

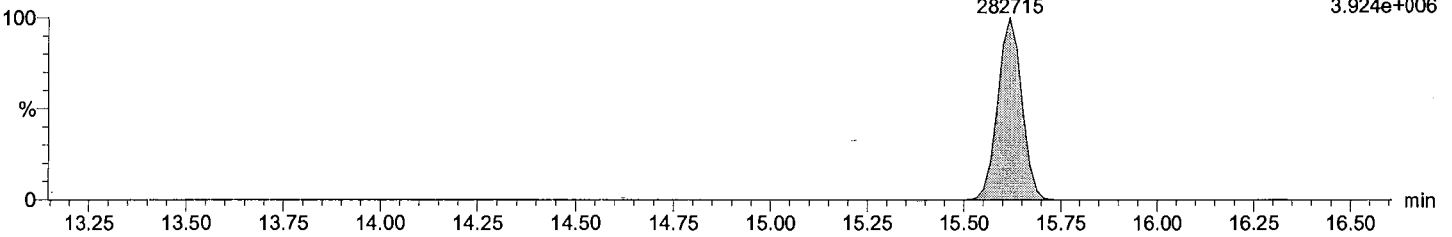


Total PeCB labeled F3

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 104L  
15.62  
282715

F3:Voltage SIR,EI+  
337.9207  
3.924e+006

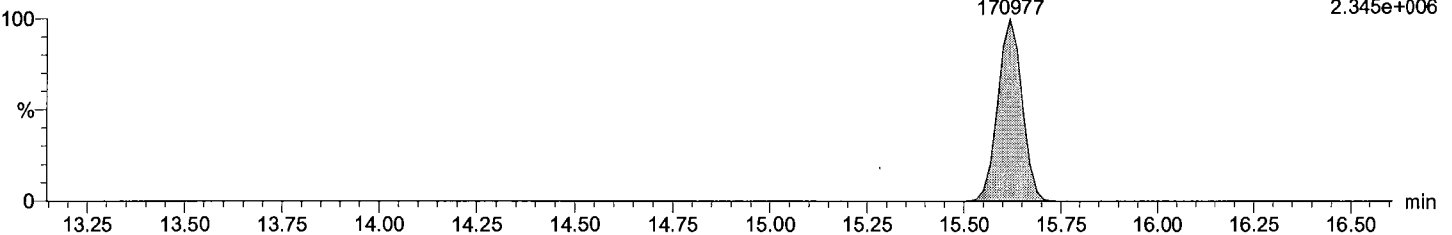


Total PeCB labeled F3

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 104L  
15.62  
170977

F3:Voltage SIR,EI+  
339.9178  
2.345e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

Instrument:

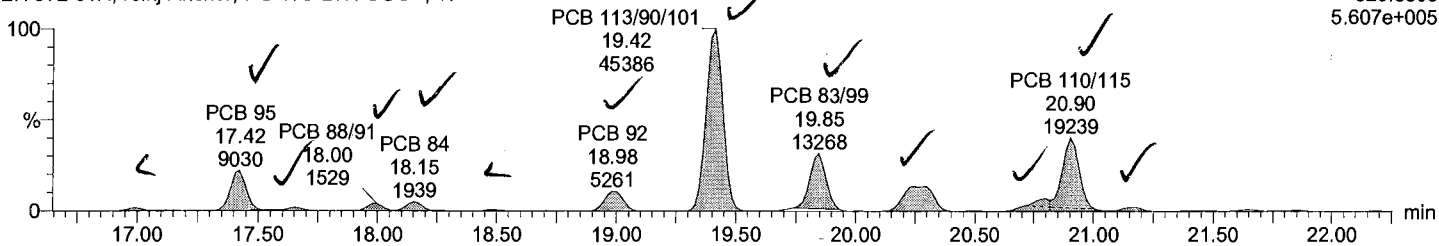
(11)

h = 2.876E3

Total PeCB F4

M1170609A08 Smooth(SG,2x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

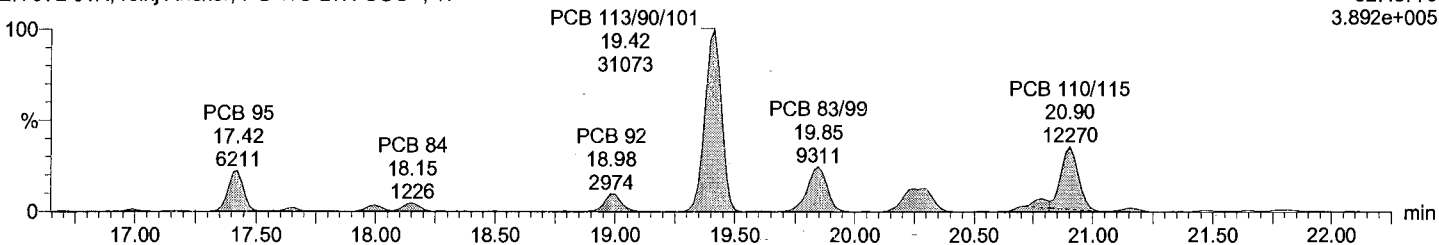
F4:Voltage SIR,EI+  
325.8805  
5.607e+005



Total PeCB F4

M1170609A08 Smooth(SG,2x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

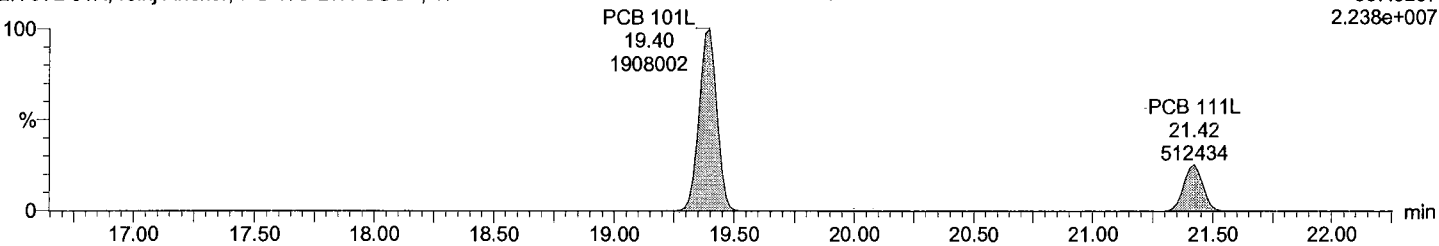
F4:Voltage SIR,EI+  
327.8775  
3.892e+005



Total PeCB labeled F4

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

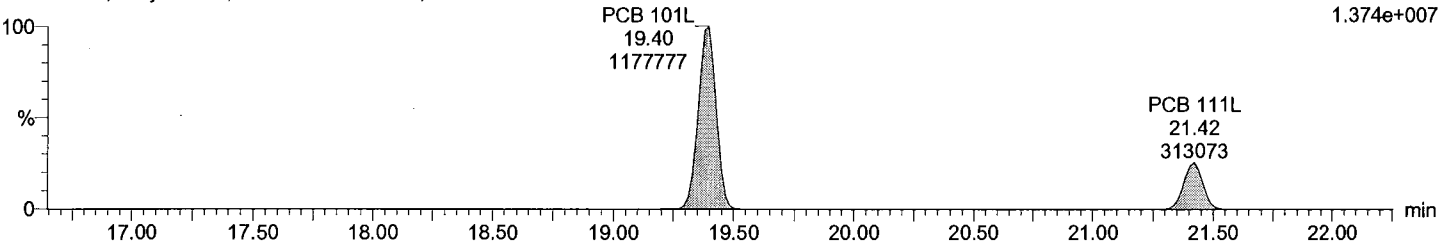
F4:Voltage SIR,EI+  
337.9207  
2.238e+007



Total PeCB labeled F4

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
339.9178  
1.374e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

Instrument:

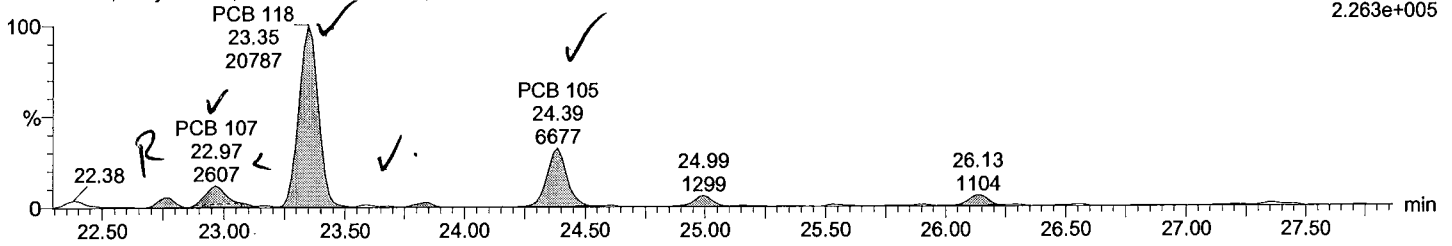
4

h=1.346E3

Total PeCB F5

M1170609A08 Smooth(SG,2x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

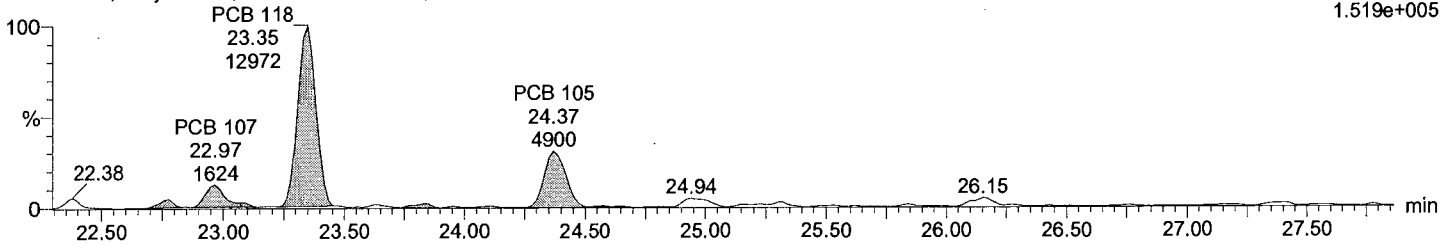
F5:Voltage SIR,EI+  
325.8805  
2.263e+005



Total PeCB F5

M1170609A08 Smooth(SG,2x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

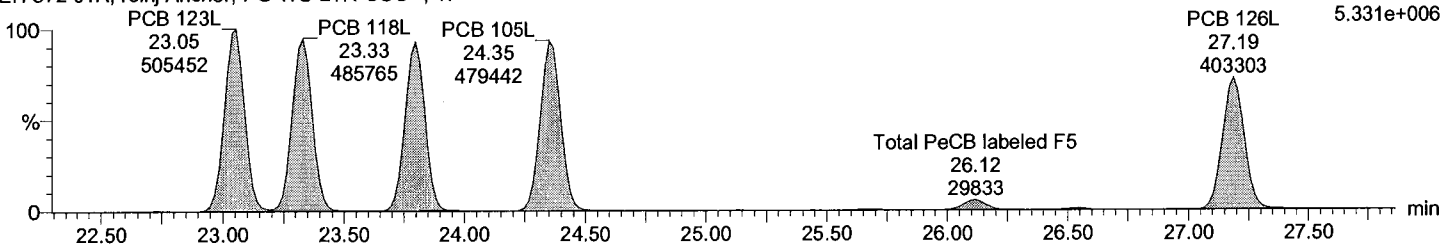
F5:Voltage SIR,EI+  
327.8775  
1.519e+005



Total PeCB labeled F5

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

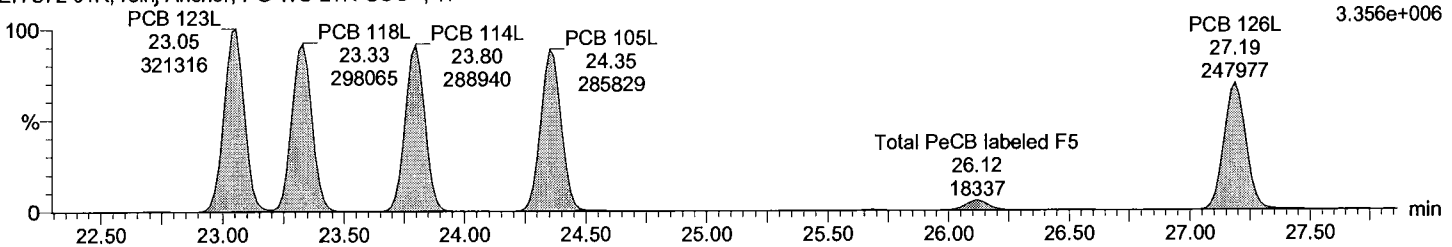
F5:Voltage SIR,EI+  
337.9207  
5.331e+006



Total PeCB labeled F5

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F5:Voltage SIR,EI+  
339.9178  
3.356e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

Instrument:

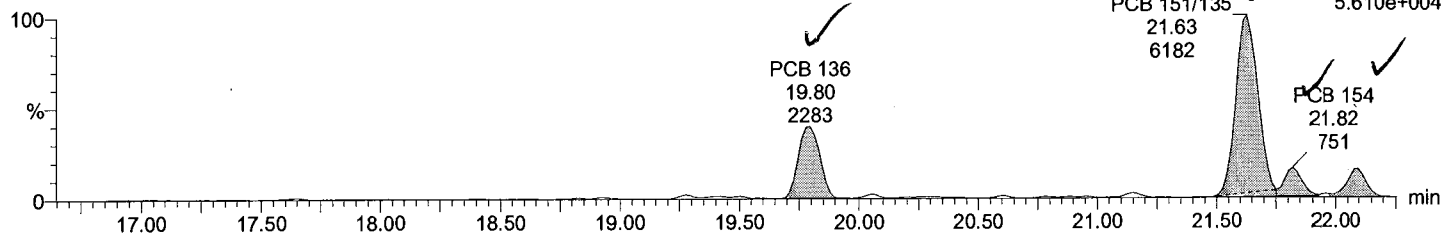
4

Total HxCB F4

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

$n = 1.414E3$

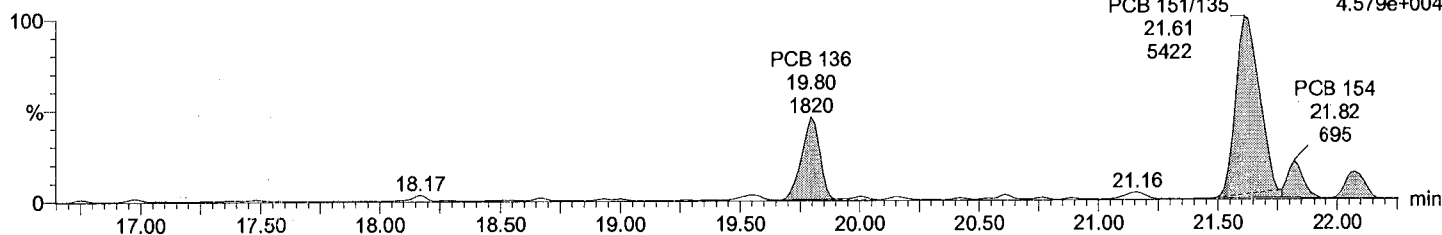
F4:Voltage SIR,EI+  
359.8415  
5.610e+004



Total HxCB F4

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

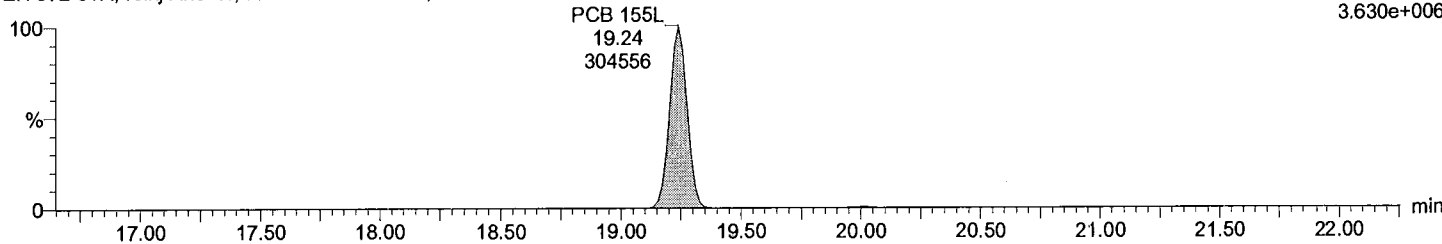
F4:Voltage SIR,EI+  
361.8385  
4.579e+004



Total HxCB labeled F4

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

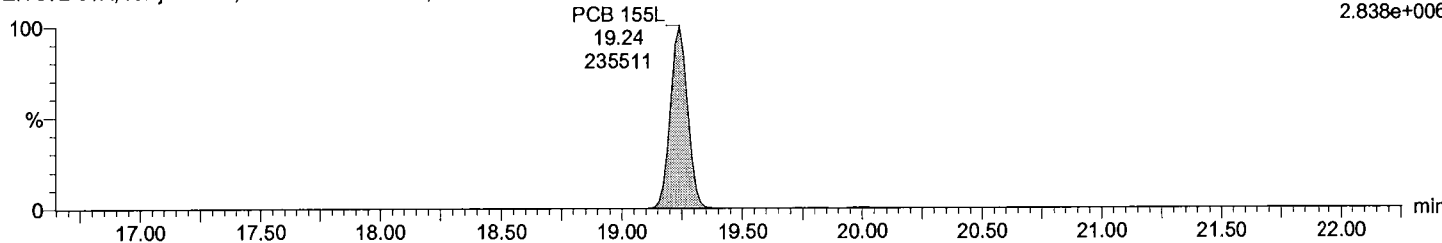
F4:Voltage SIR,EI+  
371.8817  
3.630e+006



Total HxCB labeled F4

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
373.8788  
2.838e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

Instrument:

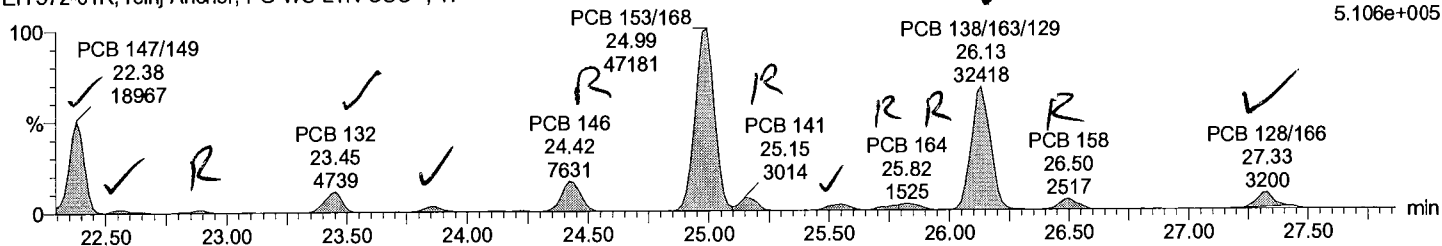
8

h=1.936E3

Total HxCB F5

M1170609A08 Smooth(SG,1x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

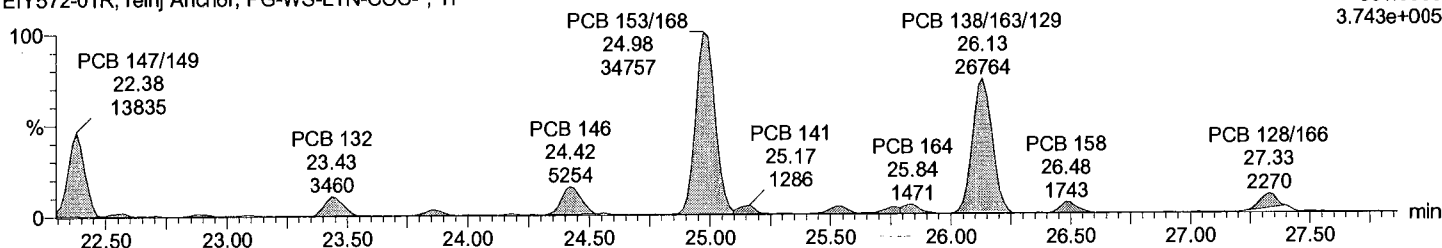
F5:Voltage SIR,EI+  
359.8415  
5.106e+005



Total HxCB F5

M1170609A08 Smooth(SG,1x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

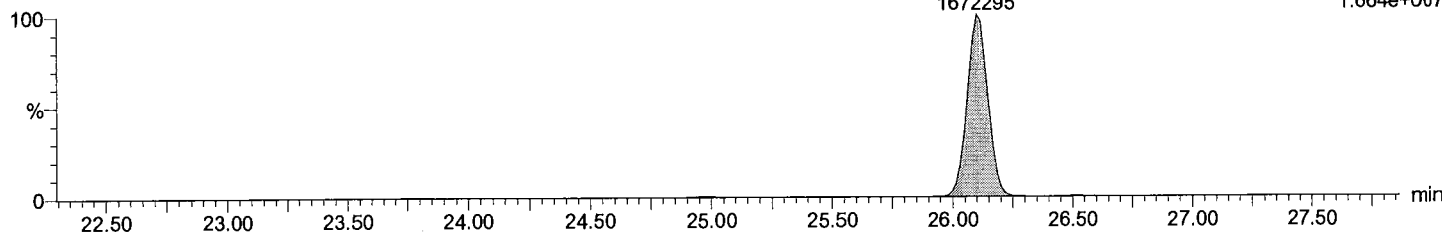
F5:Voltage SIR,EI+  
361.8385  
3.743e+005



Total HxCB labeled F5

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

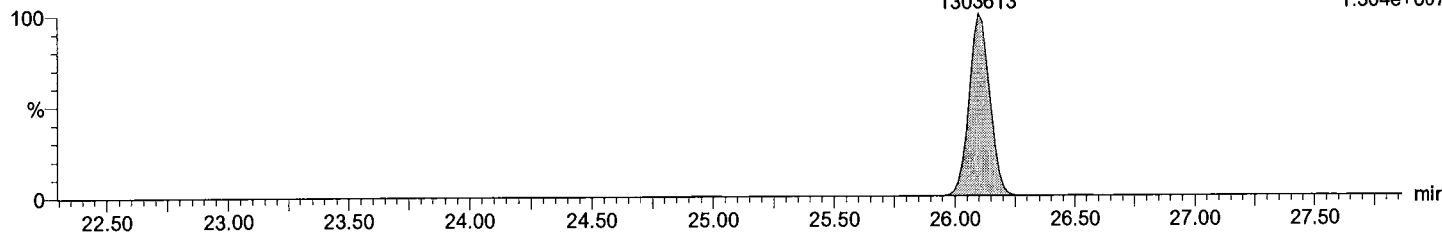
F5:Voltage SIR,EI+  
371.8817  
1.664e+007



Total HxCB labeled F5

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F5:Voltage SIR,EI+  
373.8788  
1.304e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

2

Date: 09-Jun-2017

Time: 16:33:09

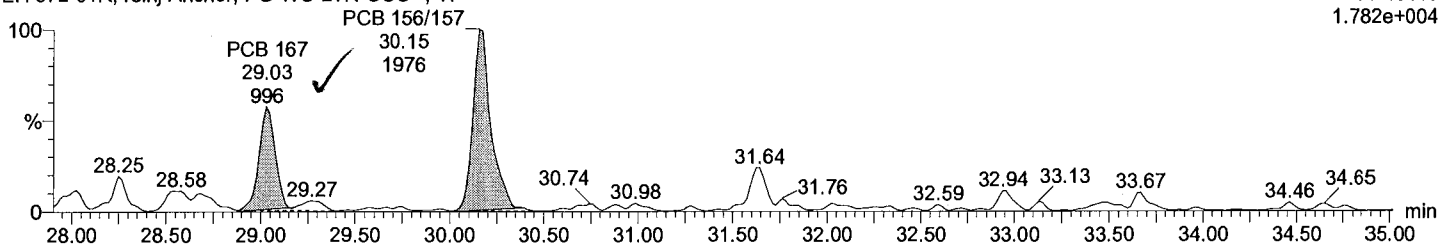
Instrument:

h=1,803 E3

Total HxCB F6

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

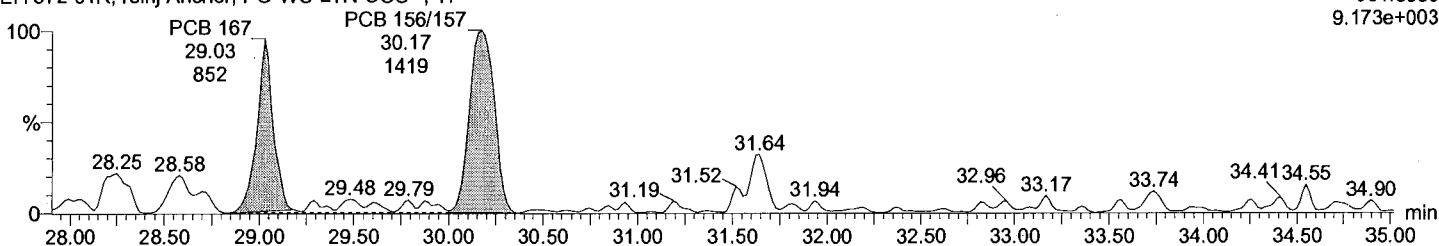
F6:Voltage SIR,EI+  
359.8415  
1.782e+004



Total HxCB F6

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

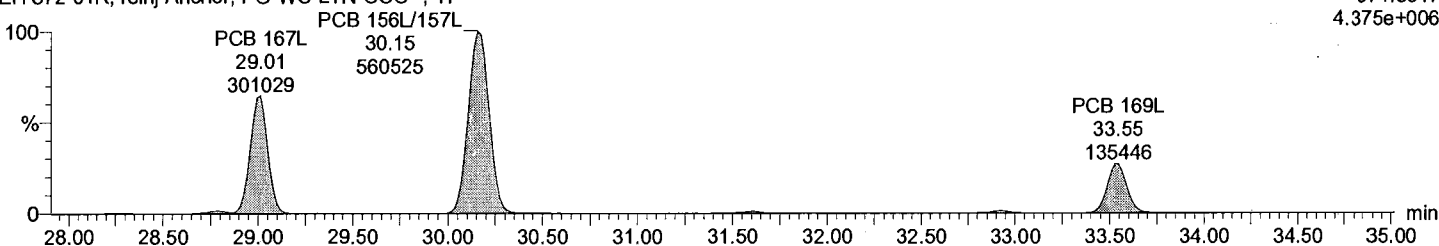
F6:Voltage SIR,EI+  
361.8385  
9.173e+003



Total HxCB labeled F6

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

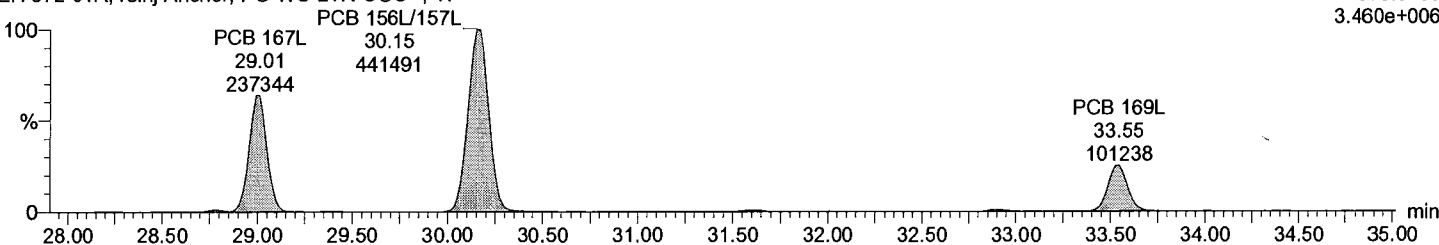
F6:Voltage SIR,EI+  
371.8817  
4.375e+006



Total HxCB labeled F6

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
373.8788  
3.460e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

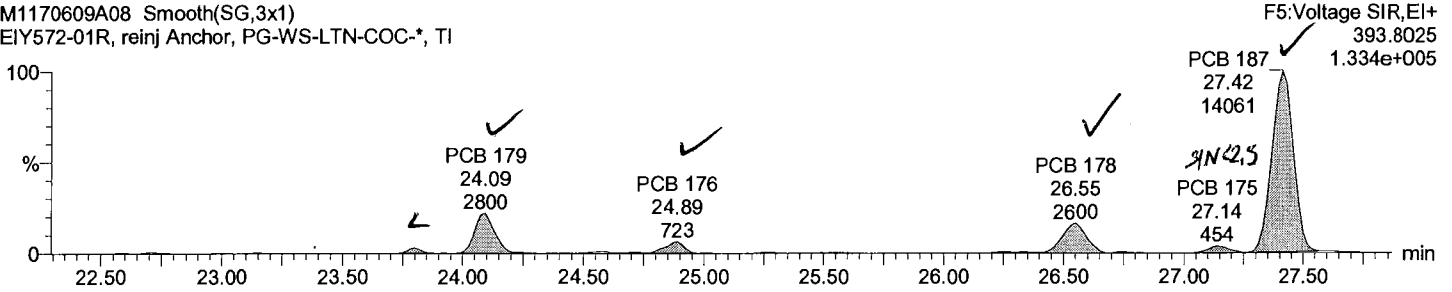
Instrument:

(4)

$h=1,106E3$

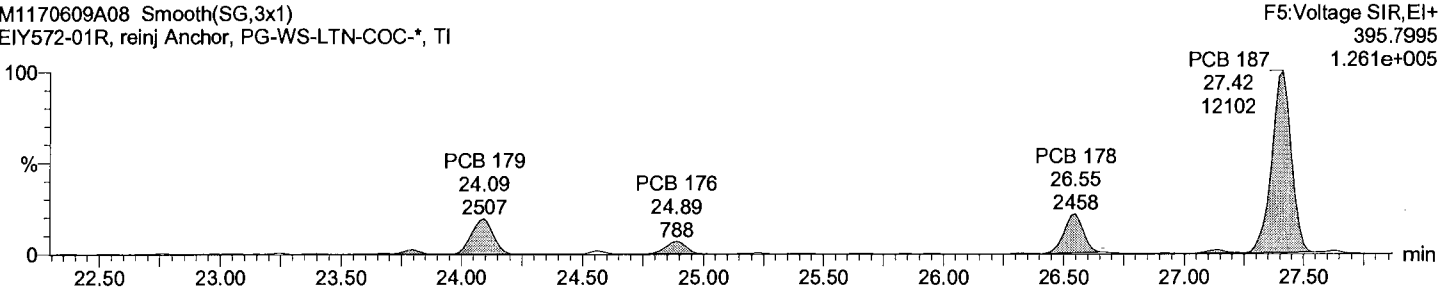
Total HpCB F5

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



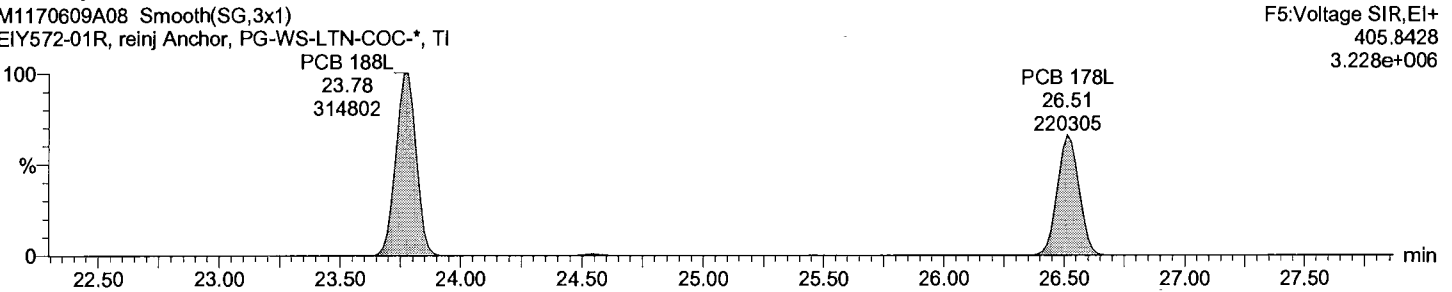
Total HpCB F5

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



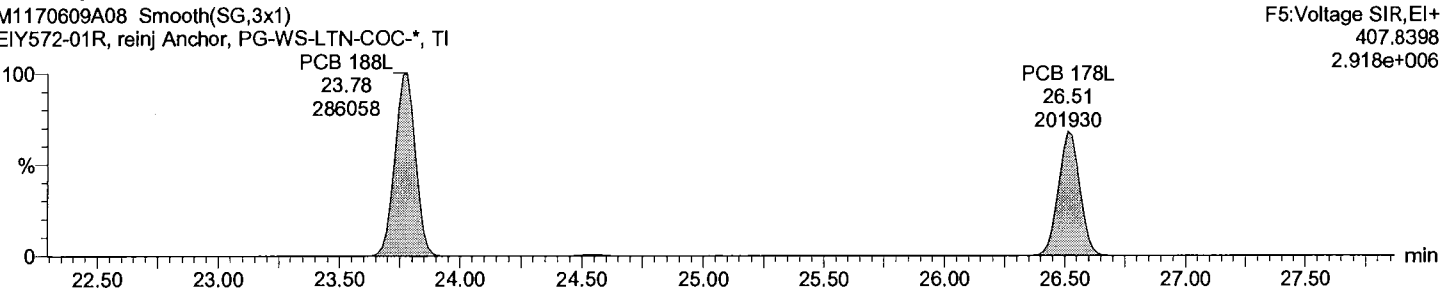
Total HpCB labeled F5

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



Total HpCB labeled F5

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

Instrument:

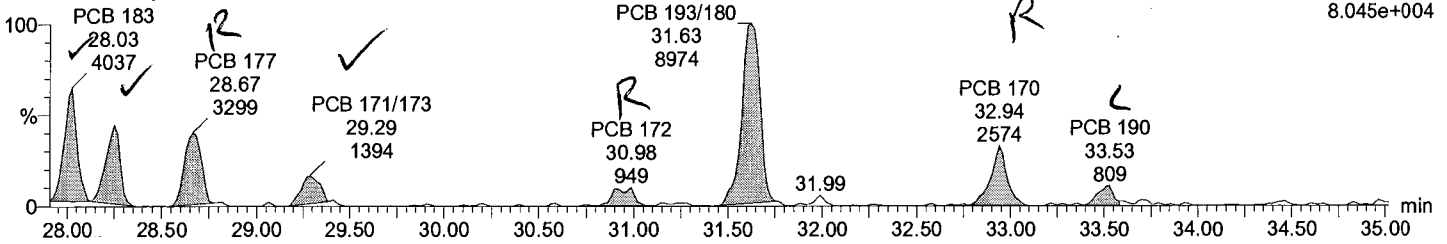
4

h=2.463 E3

Total HpCB F6

M1170609A08 Smooth(SG,1x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

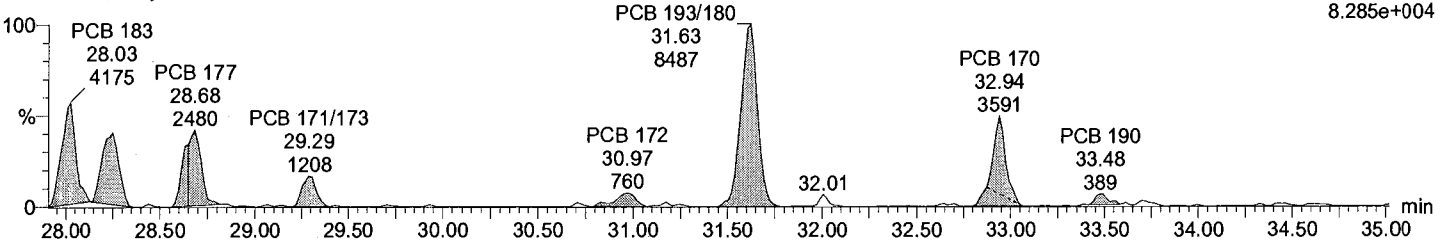
F6:Voltage SIR,EI+  
393.8025  
8.045e+004



Total HpCB F6

M1170609A08 Smooth(SG,1x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

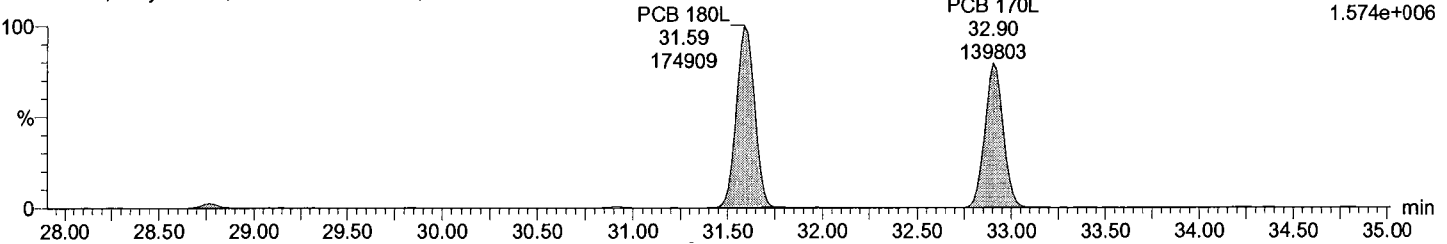
F6:Voltage SIR,EI+  
395.7995  
8.285e+004



Total HpCB labeled F6

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

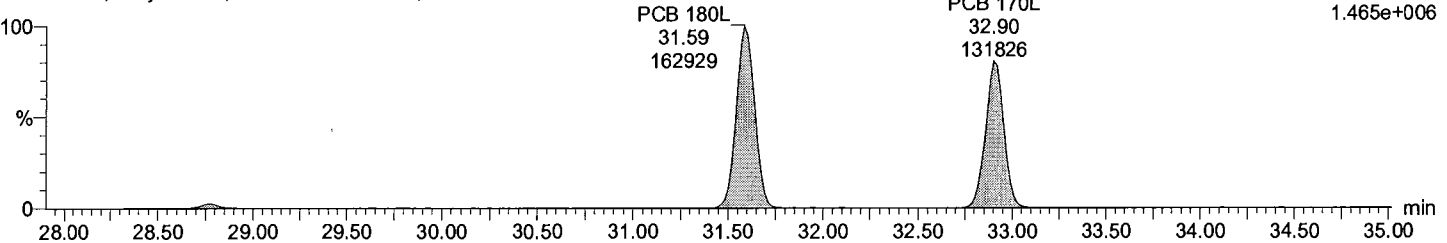
F6:Voltage SIR,EI+  
405.8428  
1.574e+006



Total HpCB labeled F6

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
407.8398  
1.465e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

Instrument:

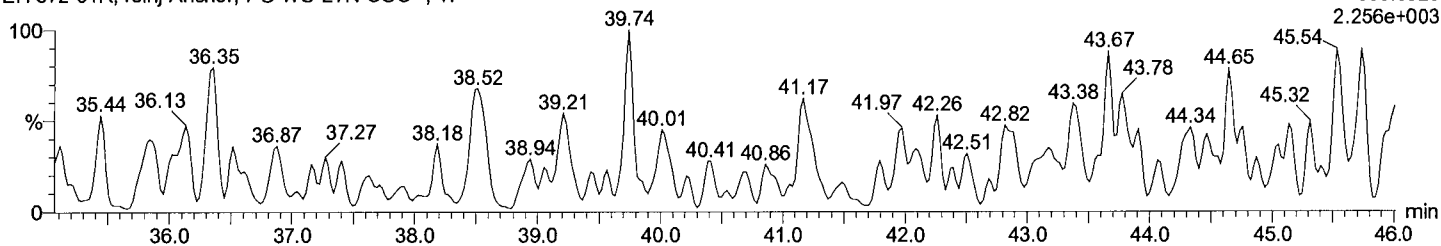
*Handwritten mark*

*h = 2,256 E3*

Total HpCB F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

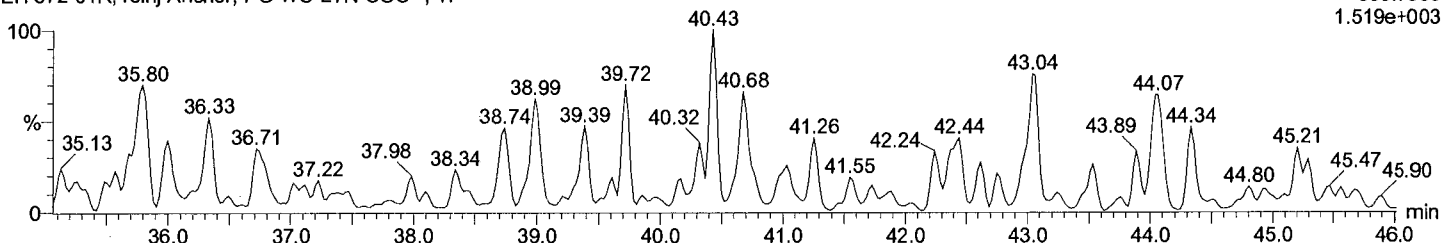
F7:Voltage SIR,EI+  
393.8025  
2.256e+003



Total HpCB F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

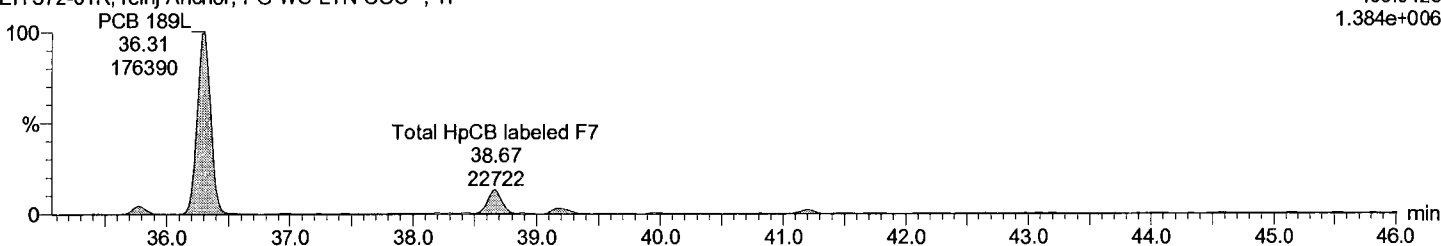
F7:Voltage SIR,EI+  
395.7996  
1.519e+003



Total HpCB labeled F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

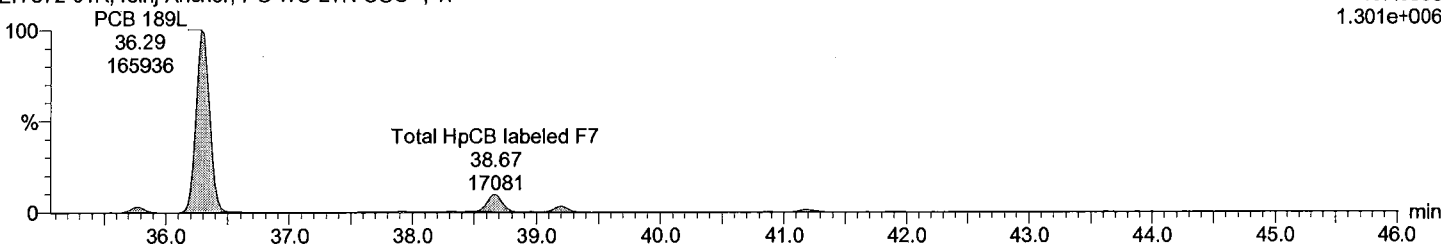
F7:Voltage SIR,EI+  
405.8428  
1.384e+006



Total HpCB labeled F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
407.8398  
1.301e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

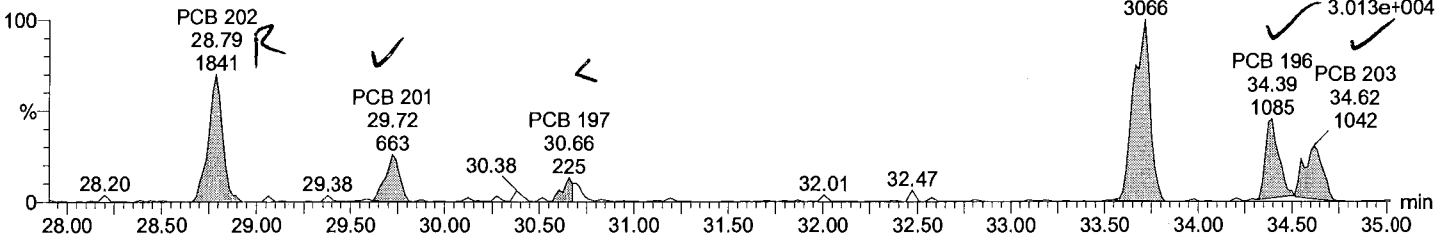
Instrument:

3

Total OcCB F6

M1170609A08 Smooth(SG,1x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

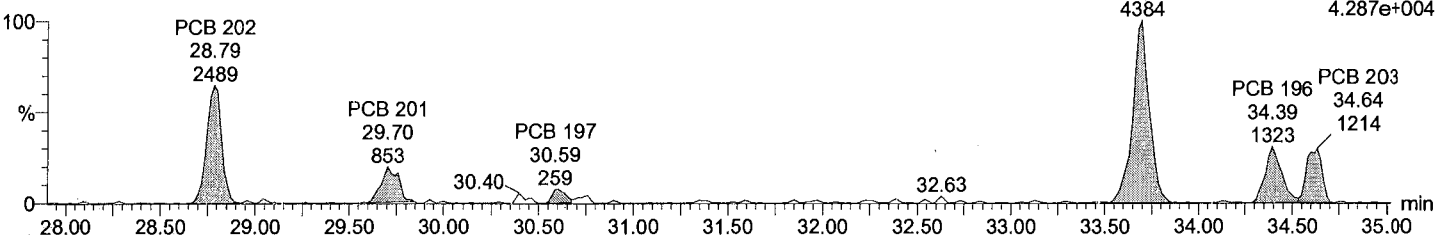
R  
h=1.82E3  
PCB 198/199 33.72 3066  
F6:Voltage SIR,EI+  
427.7635  
3.013e+004



Total OcCB F6

M1170609A08 Smooth(SG,1x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

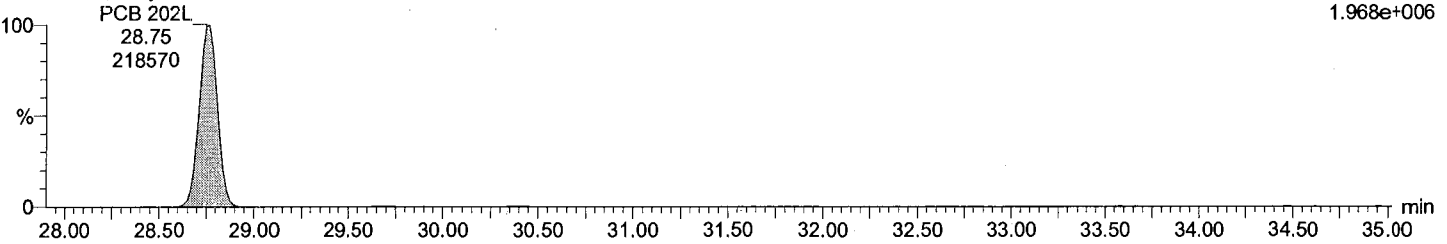
PCB 198/199 33.70 4384  
F6:Voltage SIR,EI+  
429.7606  
4.287e+004



Total OcCB labeled F6

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

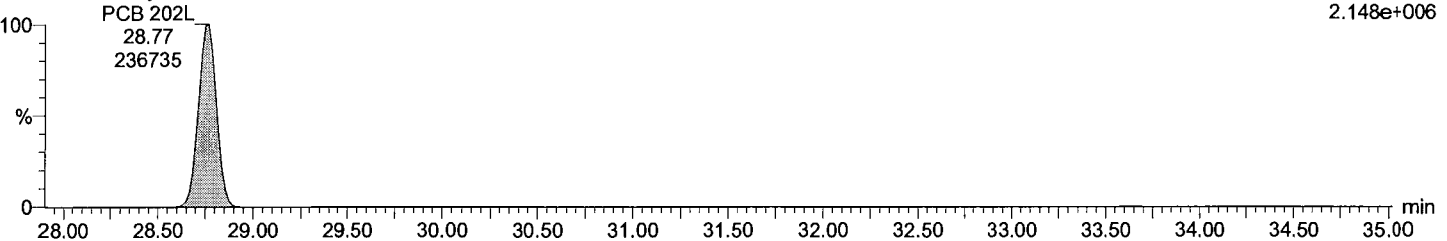
F6:Voltage SIR,EI+  
439.8038  
1.968e+006



Total OcCB labeled F6

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
441.8008  
2.148e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

Instrument:

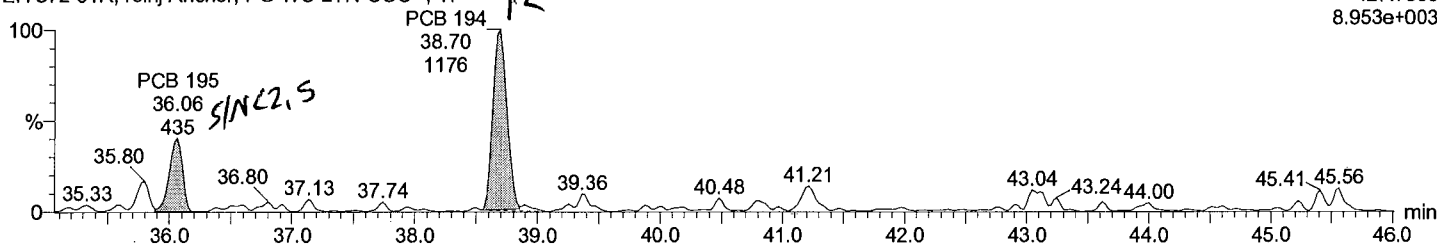
*φ*

*h=1.426E3*

Total OcCB F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

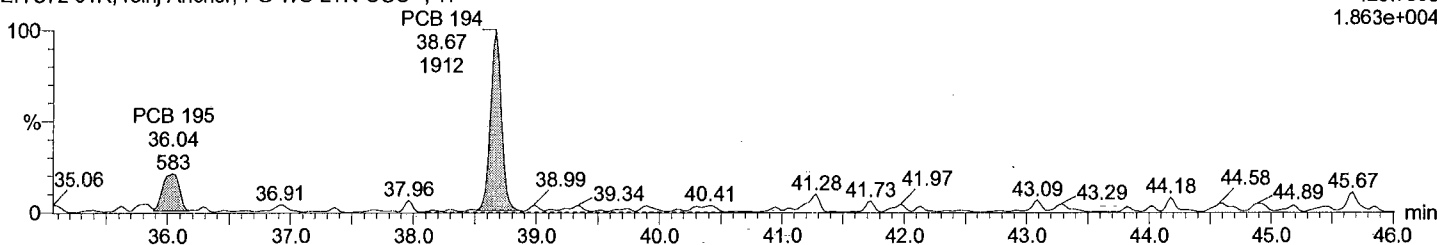
F7:Voltage SIR,EI+  
427.7635  
8.953e+003



Total OcCB F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

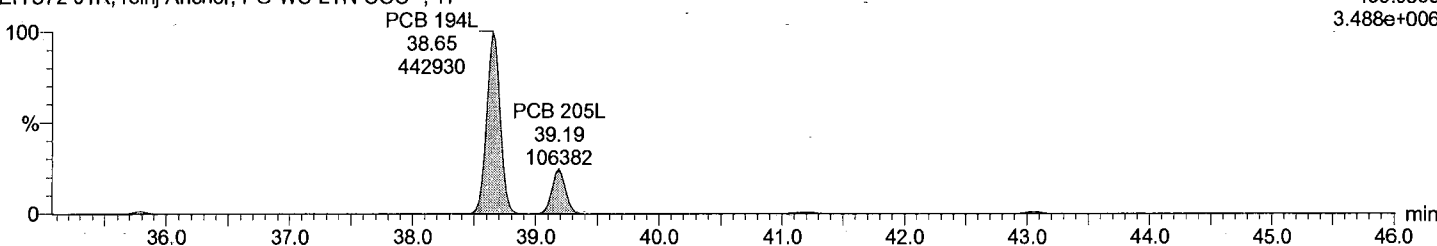
F7:Voltage SIR,EI+  
429.7606  
1.863e+004



Total OcCB labeled F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

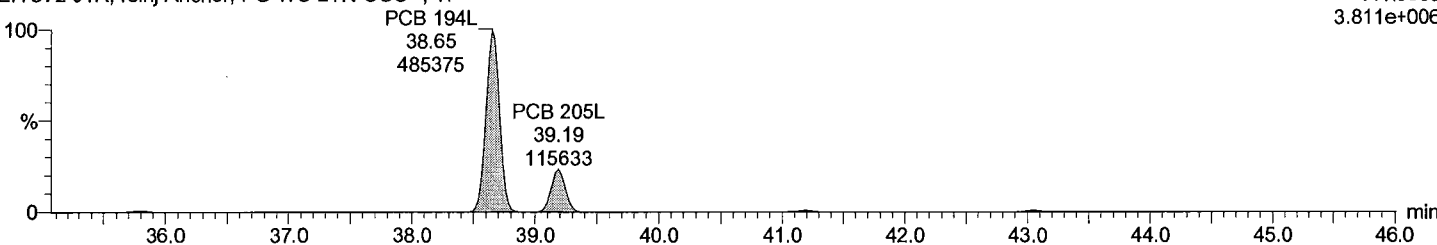
F7:Voltage SIR,EI+  
439.8038  
3.488e+006



Total OcCB labeled F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
441.8008  
3.811e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

②

Vial: 8

Date: 09-Jun-2017

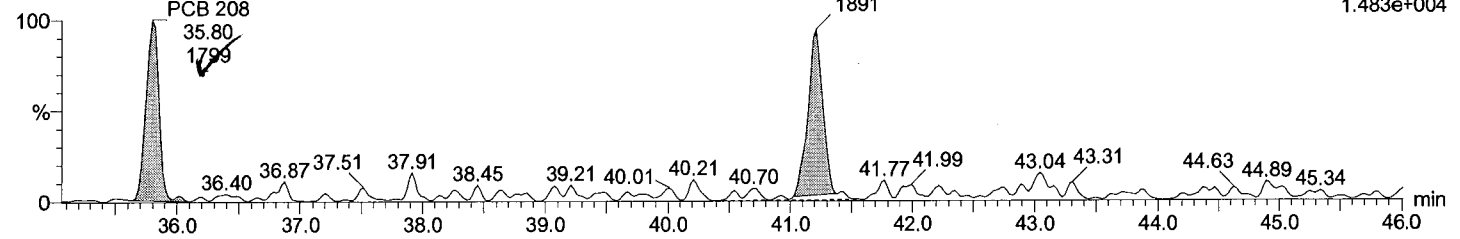
Time: 16:33:09

Instrument:

Total NoCB F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
461.7246  
1.483e+004

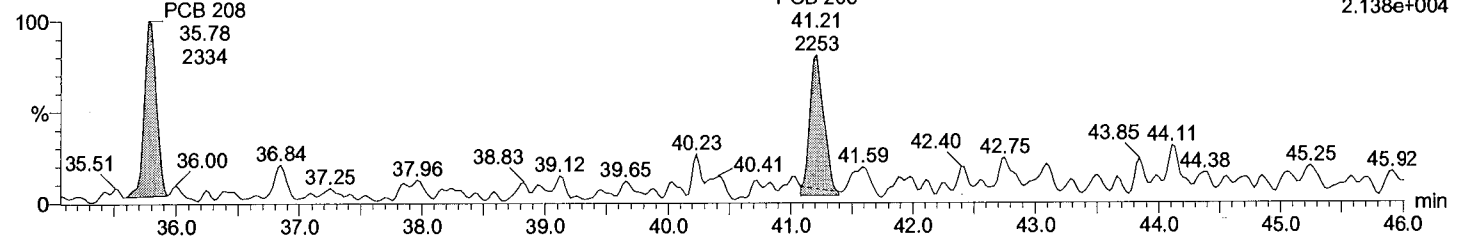


h=1.472E3

Total NoCB F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

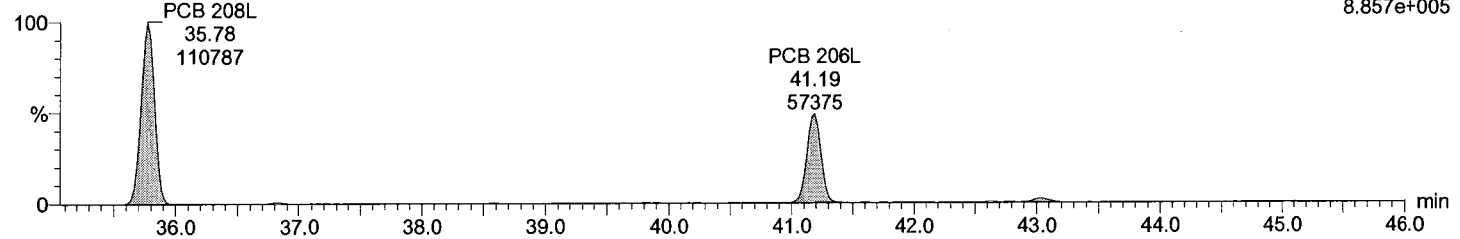
F7:Voltage SIR,EI+  
463.7216  
2.138e+004



Total NoCB labeled F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

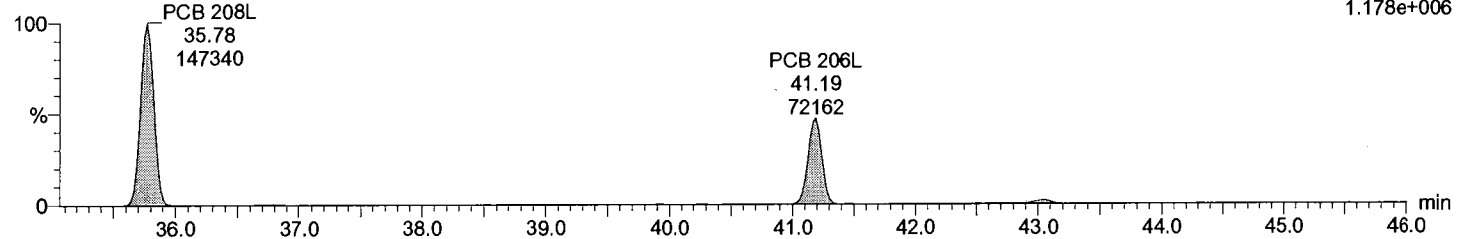
F7:Voltage SIR,EI+  
473.7648  
8.857e+005



Total NoCB labeled F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
475.7619  
1.178e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

Date: 09-Jun-2017

Time: 16:33:09

Instrument:

Ø

R

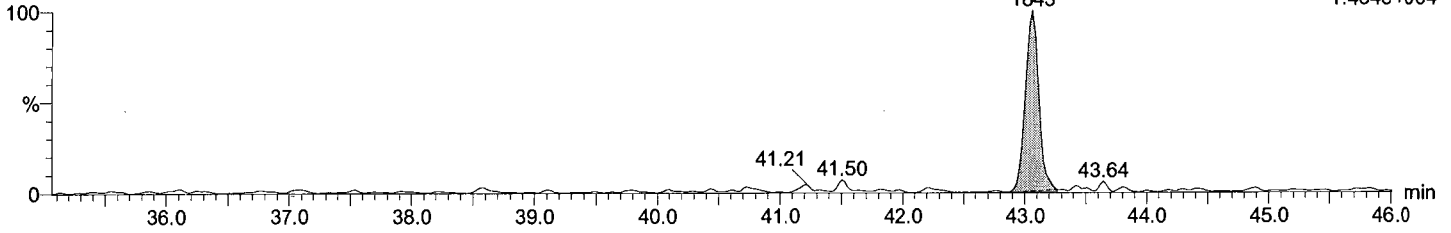
h=1,017E3

Total DeCB F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 209  
43.06  
1843

F7:Voltage SIR,EI+  
497.6826  
1.434e+004

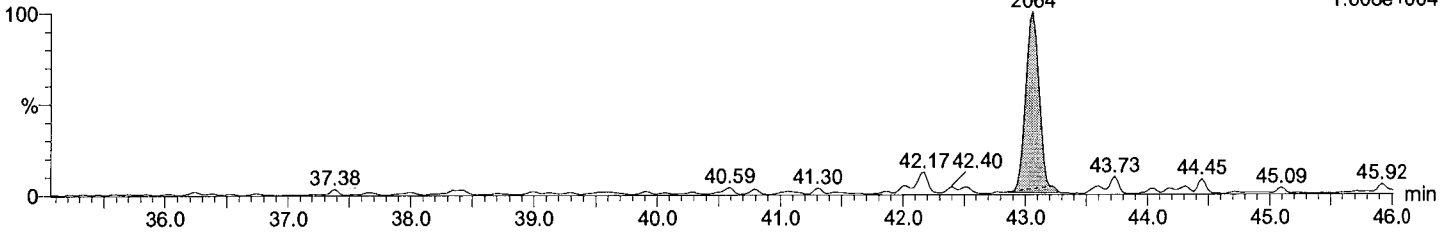


Total DeCB F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 209  
43.06  
2064

F7:Voltage SIR,EI+  
499.6797  
1.608e+004

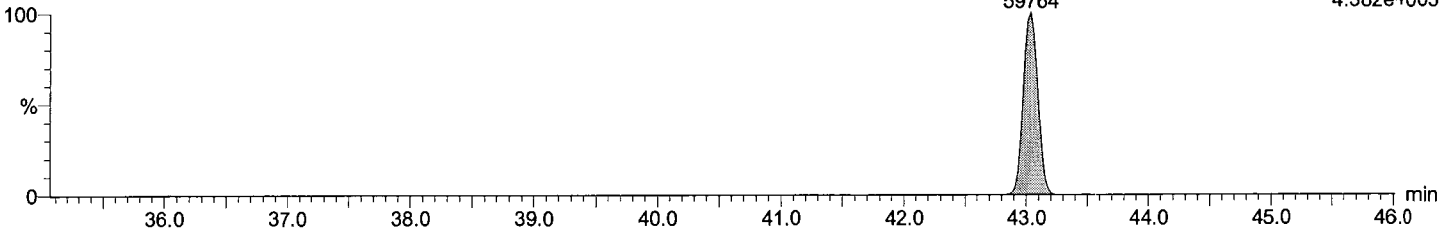


Total DeCB labeled F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 209L  
43.04  
59764

F7:Voltage SIR,EI+  
509.7229  
4.382e+005

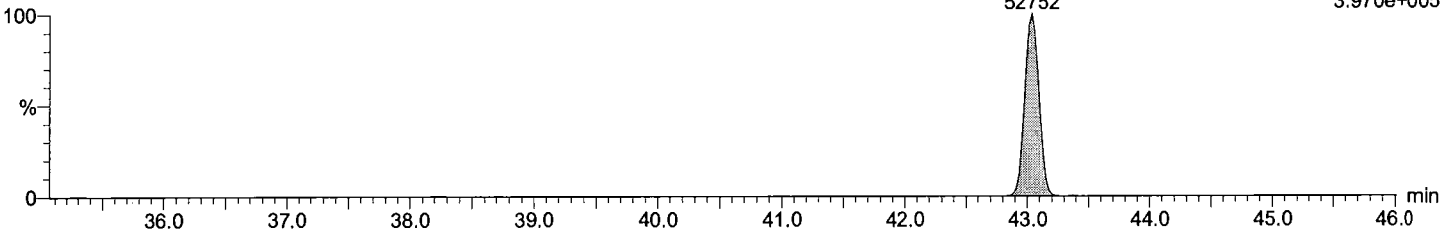


Total DeCB labeled F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

PCB 209L  
43.04  
52752

F7:Voltage SIR,EI+  
511.7199  
3.970e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

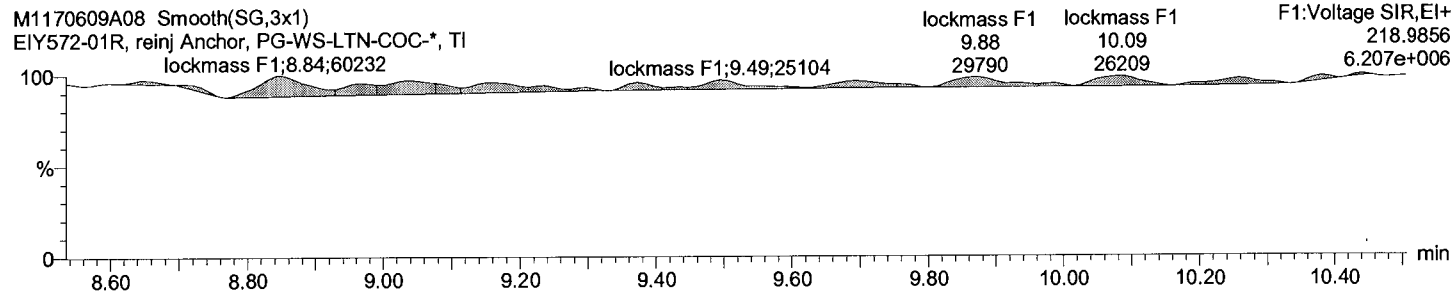
Vial: 8

Date: 09-Jun-2017

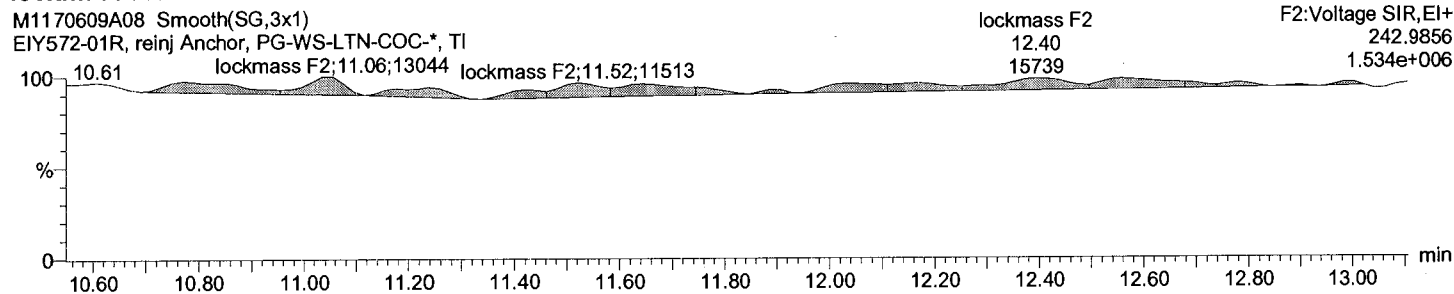
Time: 16:33:09

Instrument:

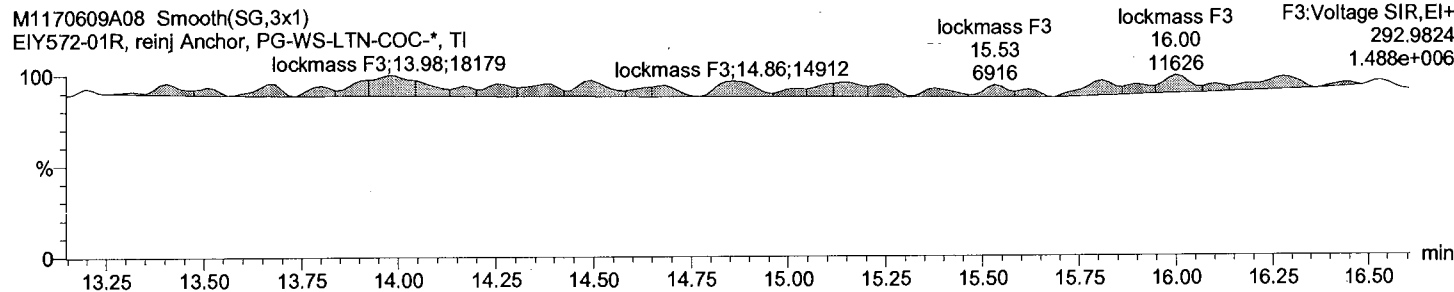
lockmass F1



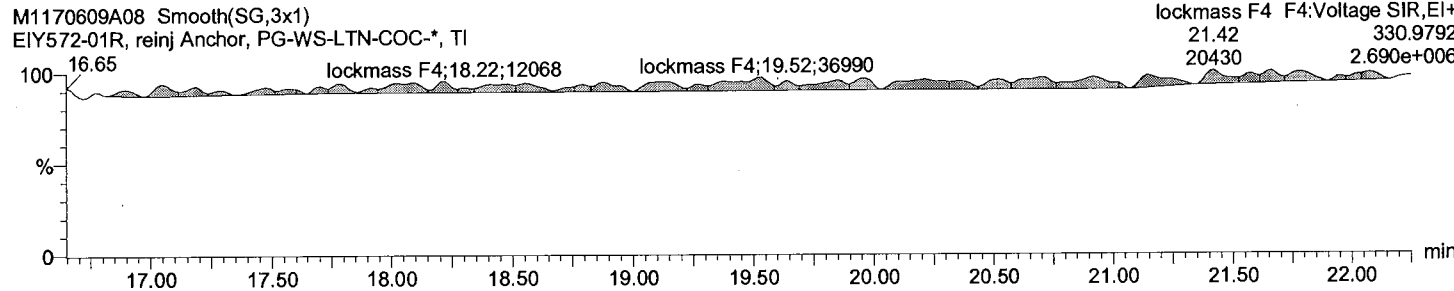
lockmass F2



lockmass F3



lockmass F4



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY572-01R, reinj

Vial: 8

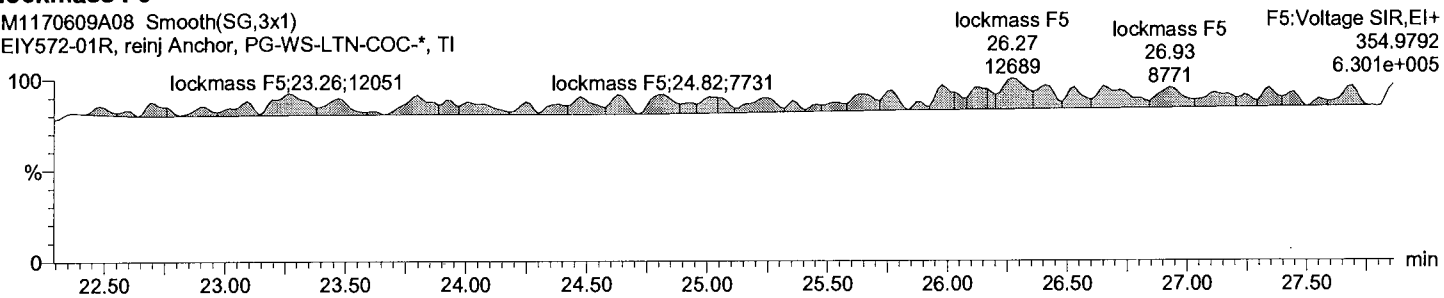
Date: 09-Jun-2017

Time: 16:33:09

Instrument:

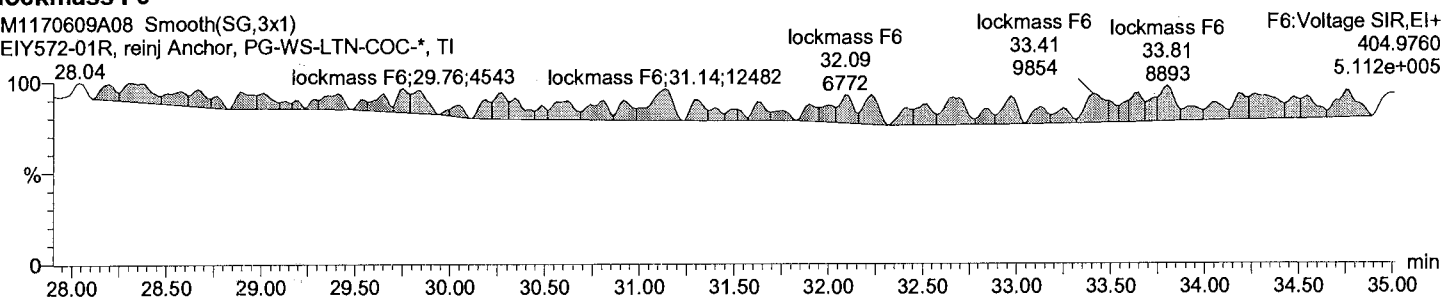
lockmass F5

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI



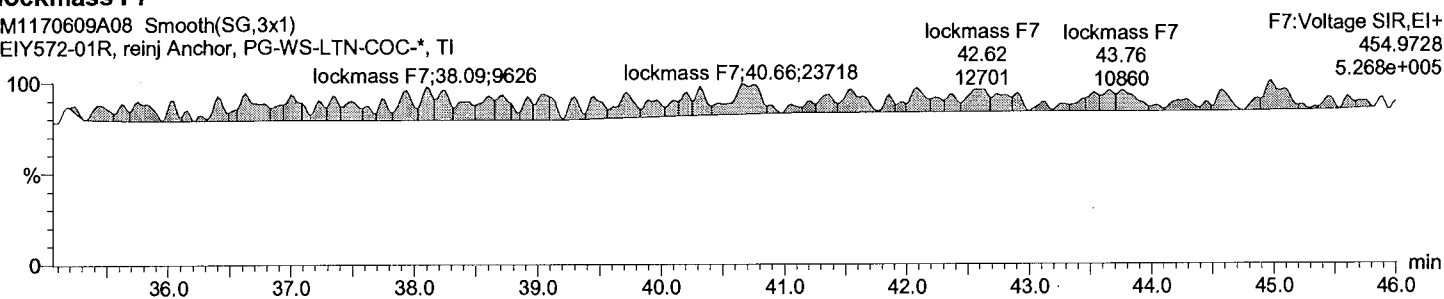
lockmass F6

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI

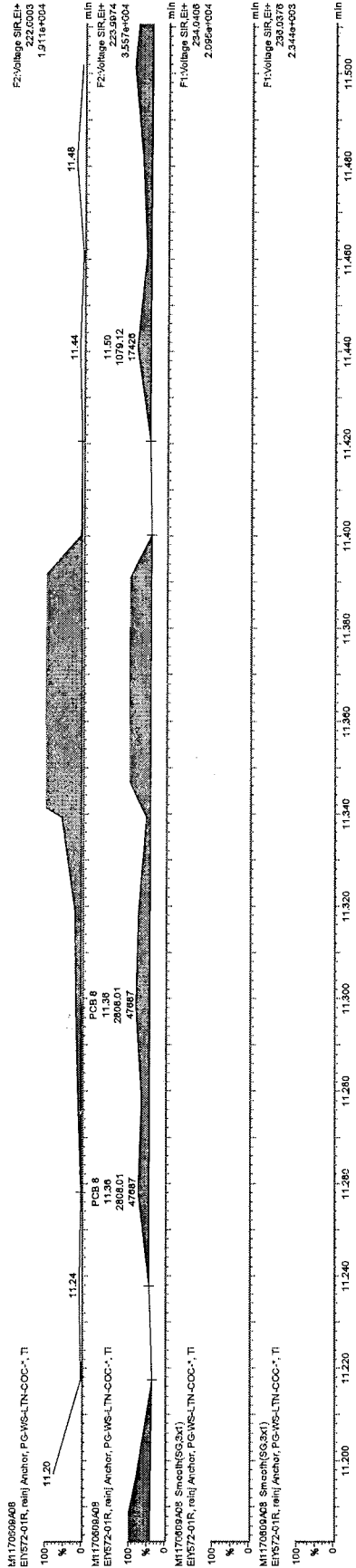


lockmass F7

M1170609A08 Smooth(SG,3x1)  
EIY572-01R, reinj Anchor, PG-WS-LTN-COC-\*, TI







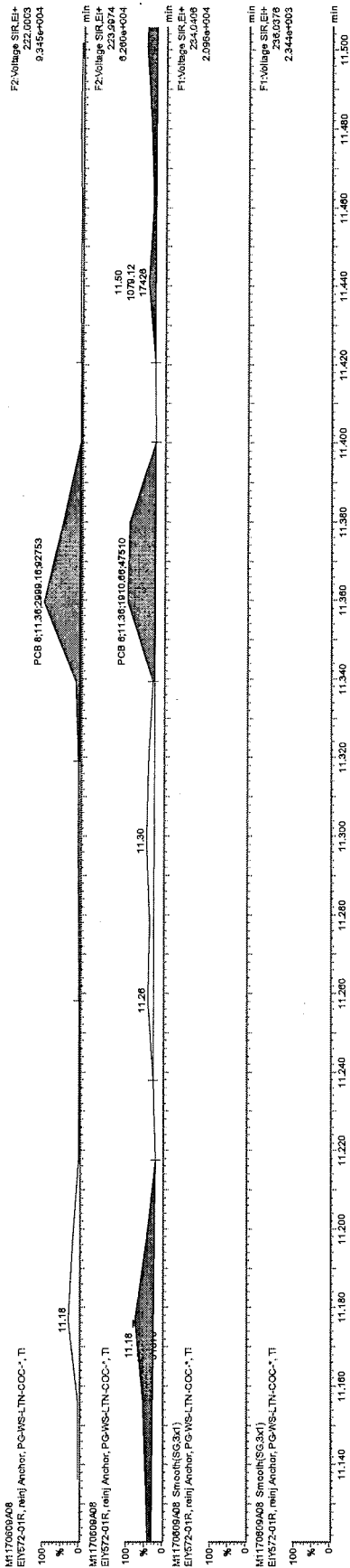
2017-06-12

MT2

Before

MS

20170612

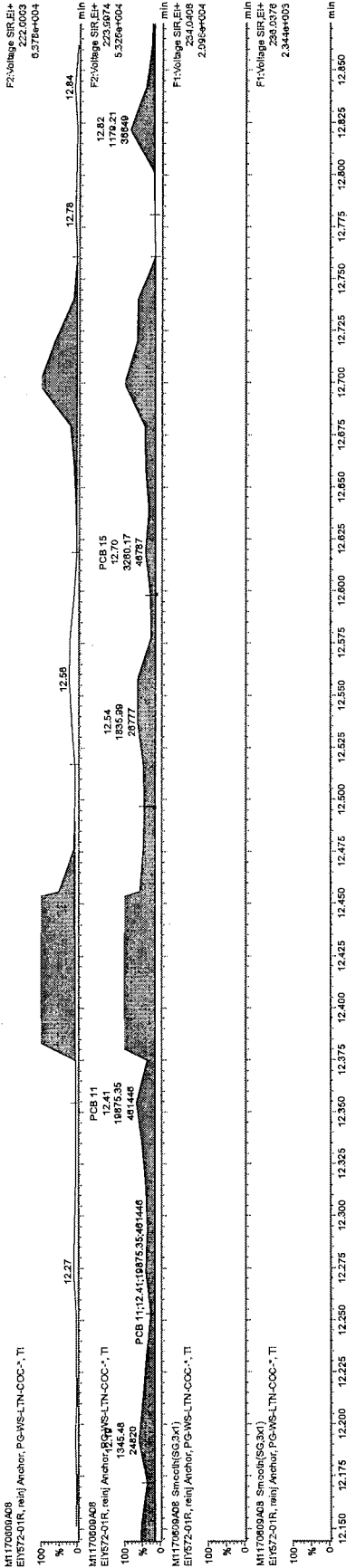


2017-06-12

MT2

After  
M3

07  
20170612

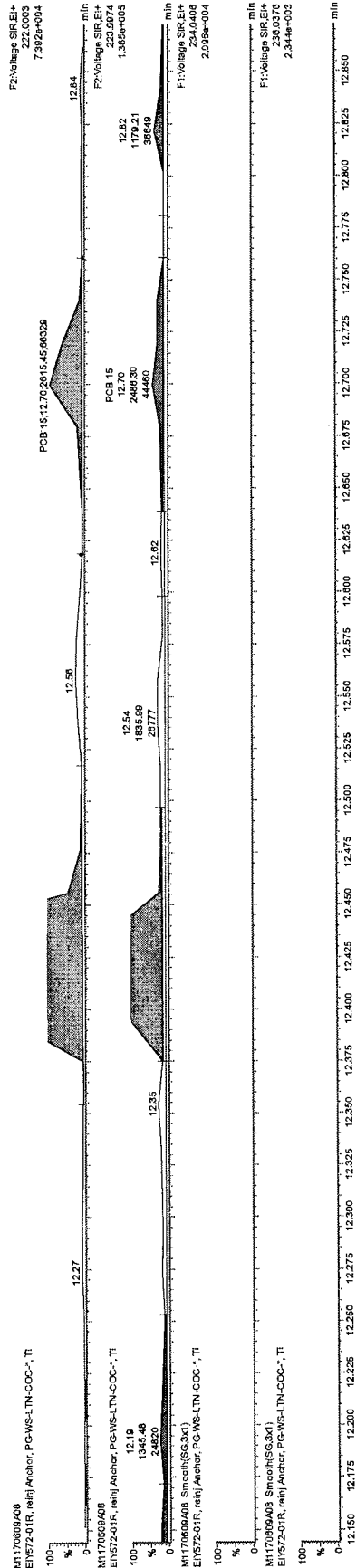


2017-06-12

MT2

Before  
M3

2  
12.150  
12.175  
12.200  
12.225  
12.250  
12.275  
12.300  
12.325  
12.350  
12.375  
12.400  
12.425  
12.450  
12.475  
12.500  
12.525  
12.550  
12.575  
12.600  
12.625  
12.650  
12.675  
12.700  
12.725  
12.750  
12.775  
12.800  
12.825  
12.850



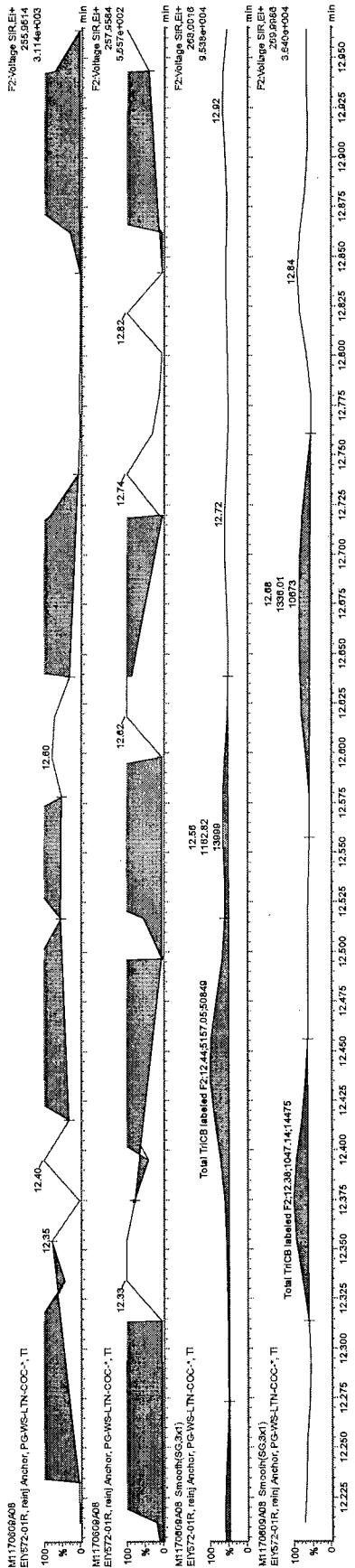
2017-06-12

MT2

After

M3

Handwritten signature or initials.



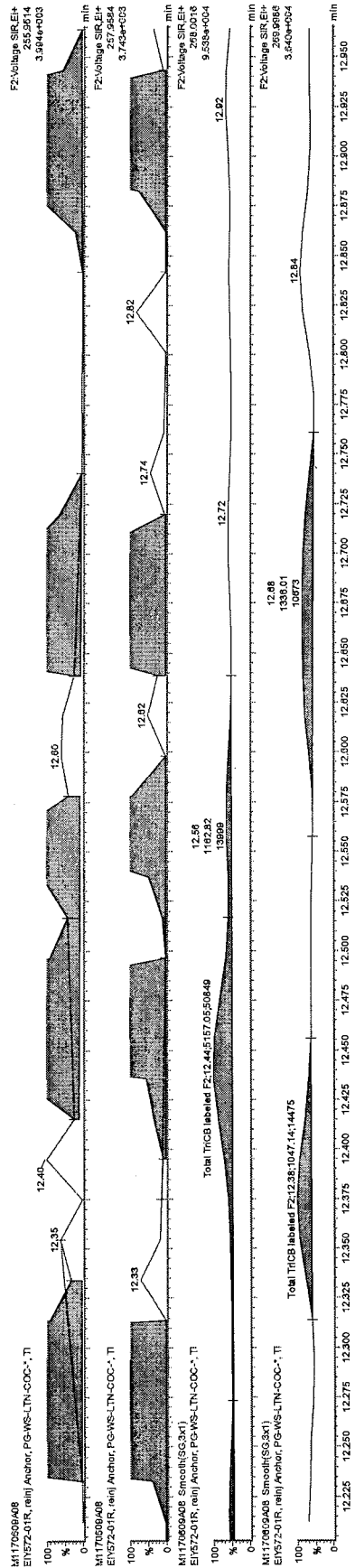
2017-06-12

MT2

Before

M3

37697102

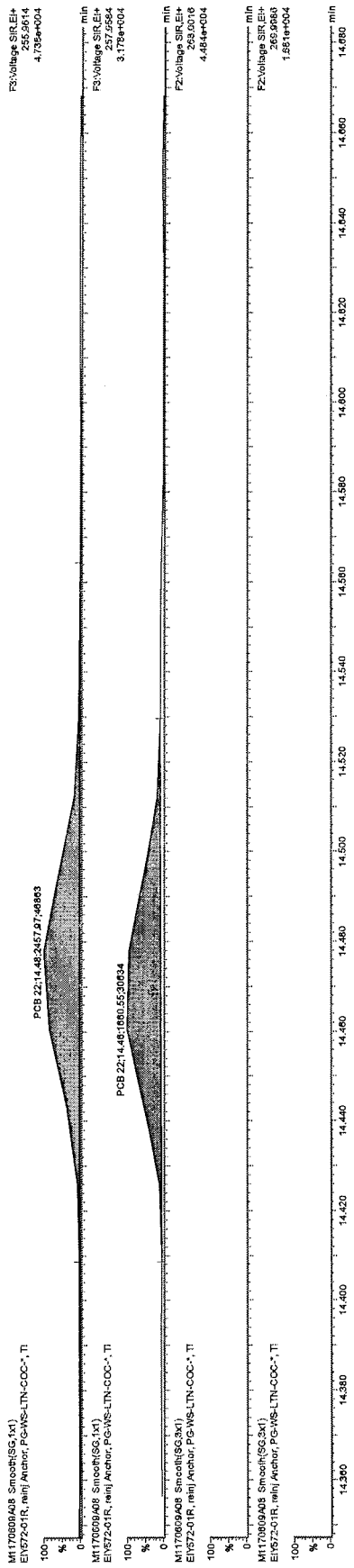


2017-06-12

After  
M3

MT2

Handwritten signature or initials.

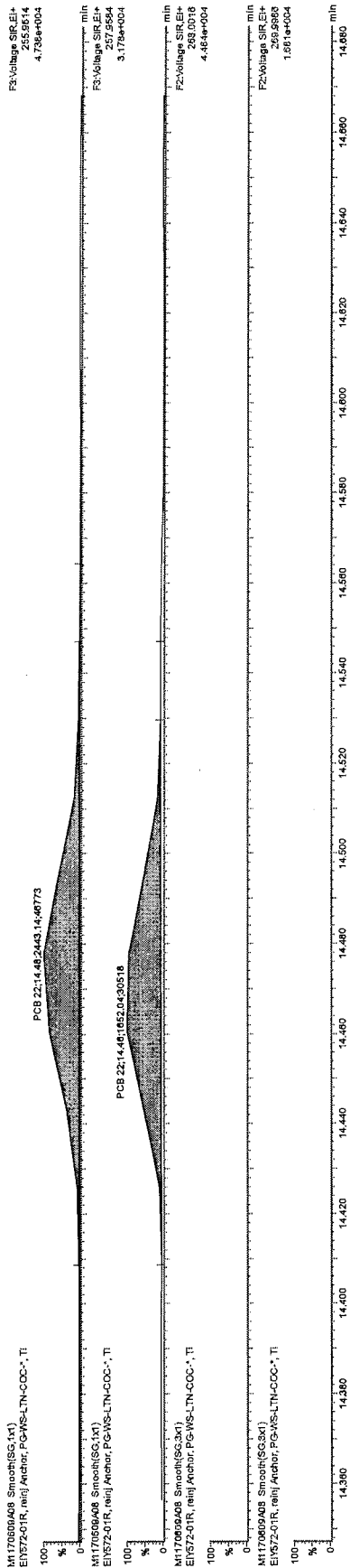


2017-06-12

MT2

Before  
M3

20170613  
M3



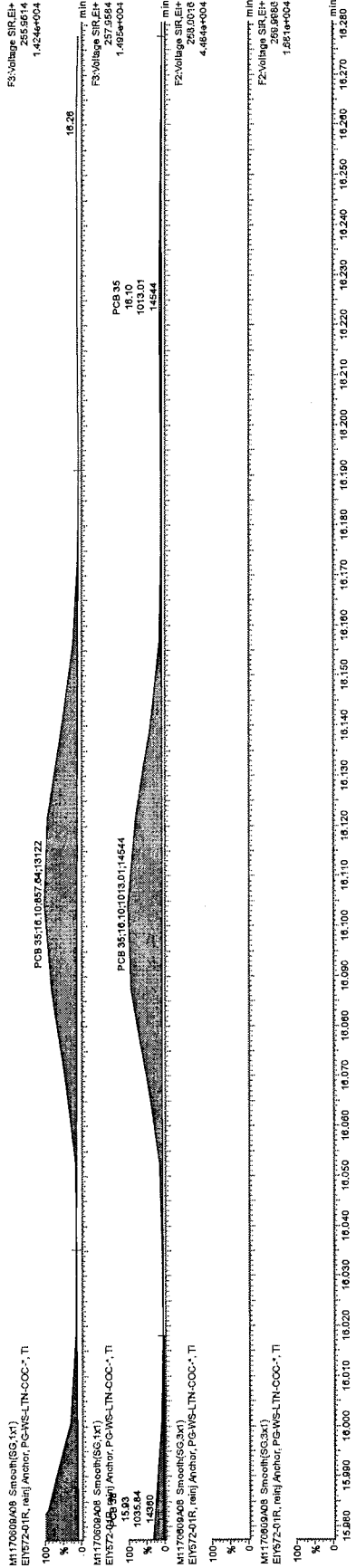
After  
M3

2017-06-12

2017-06-12

MT2



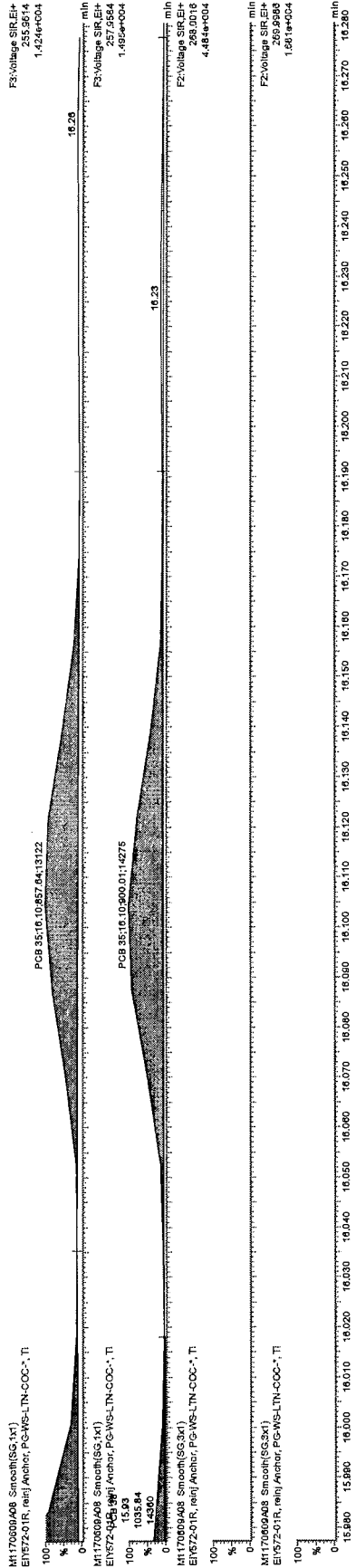


Before M3

2017-06-12

MI2

6-12-2017

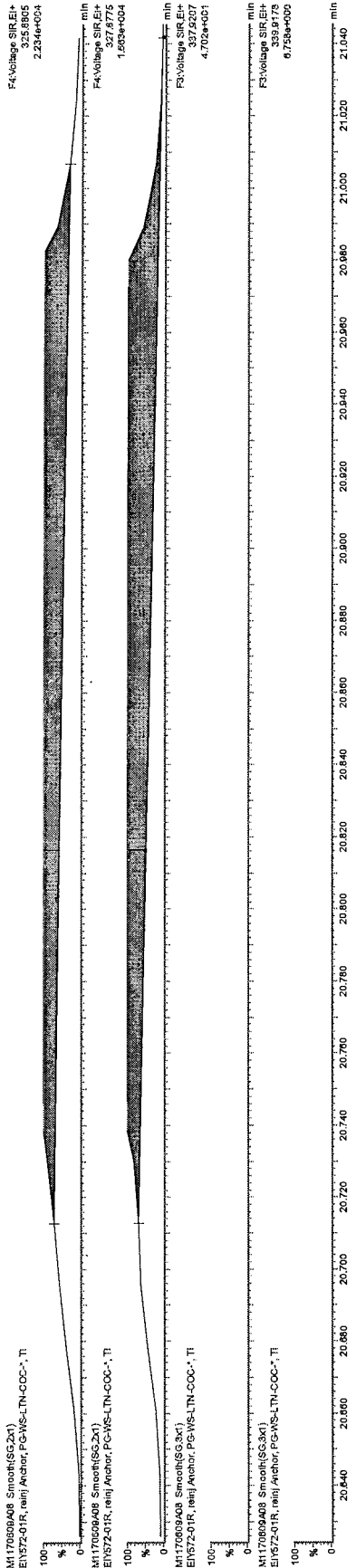


2017-06-12

MT2

After  
M3

31 247 613

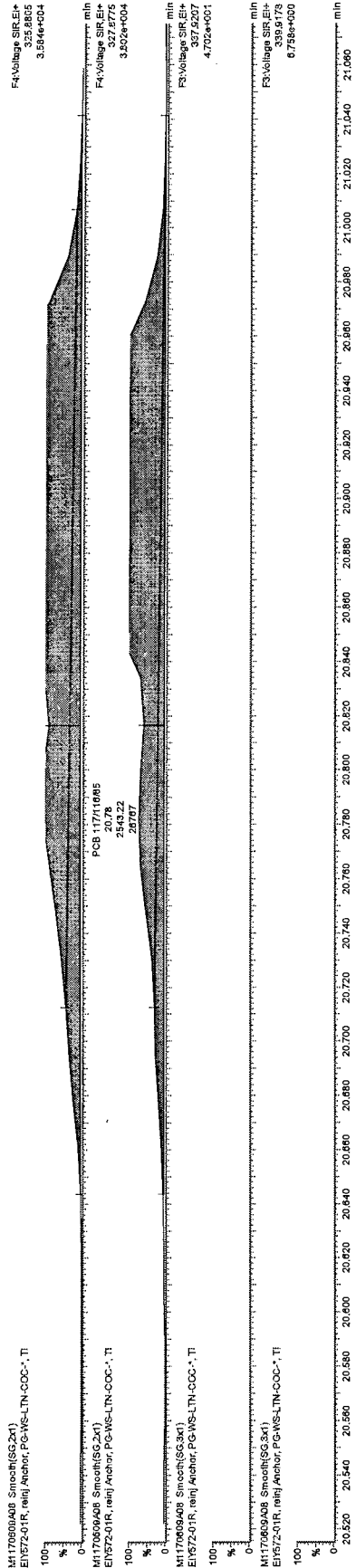


2017-06-12

MT2

Before  
M3

2017-06-13



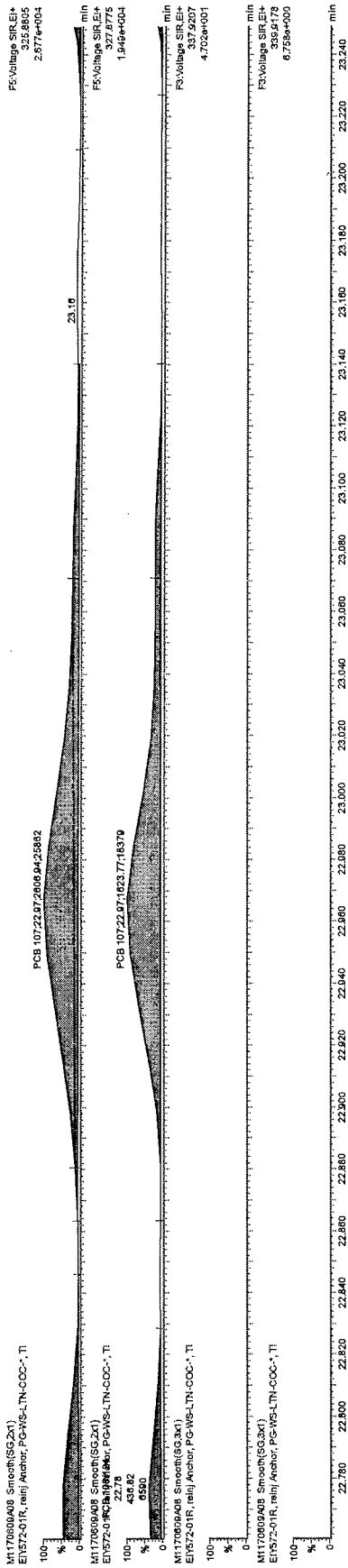
After  
M3

BT  
2017 06 13

2017-06-12

MT2





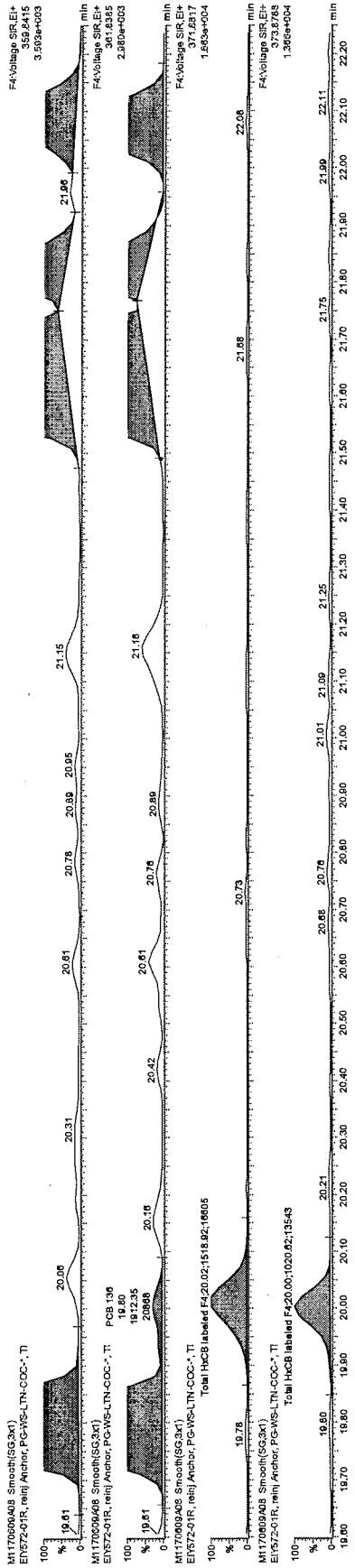
2017-06-12

MT2

After

M2

62  
2017 06 13

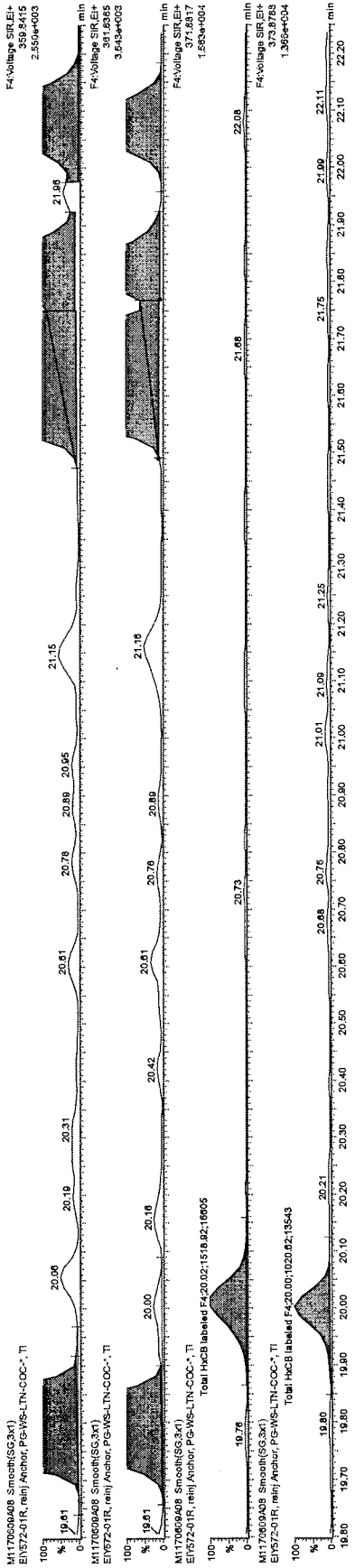


2017-06-12

MT2

Before  
M3

BN  
20170612



2017-06-12

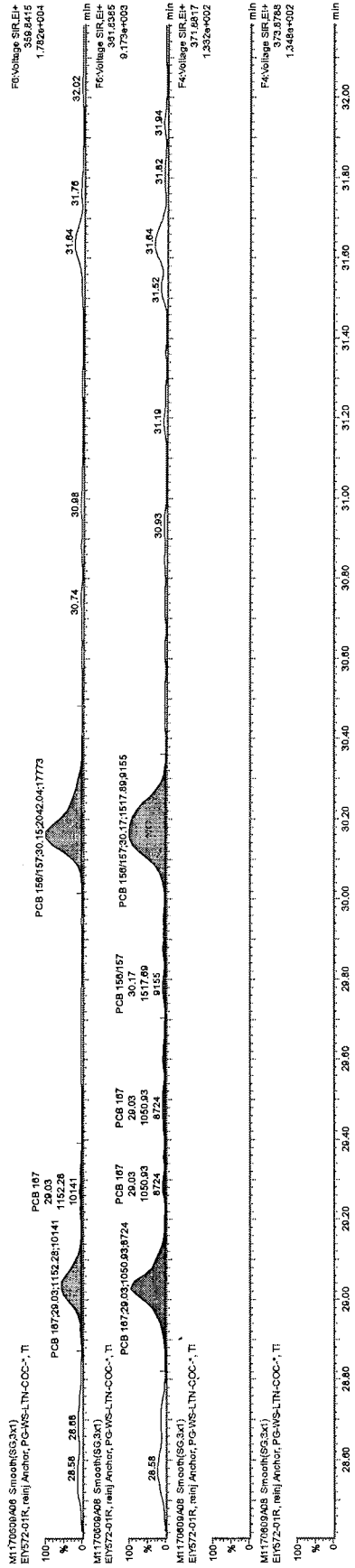
MT2

After

M3

BN  
220202013



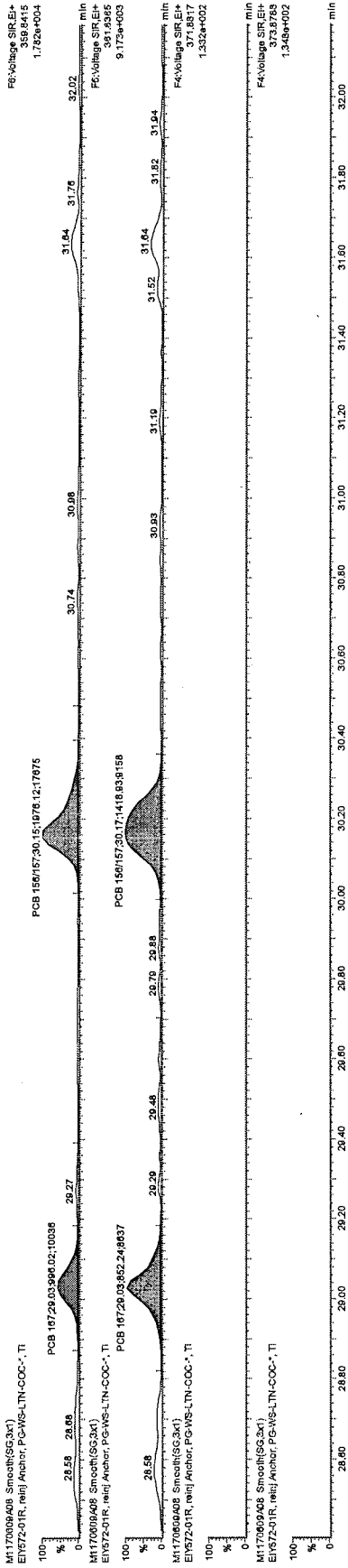


2017-06-12

MT2

Before  
M3

6-1  
20170613



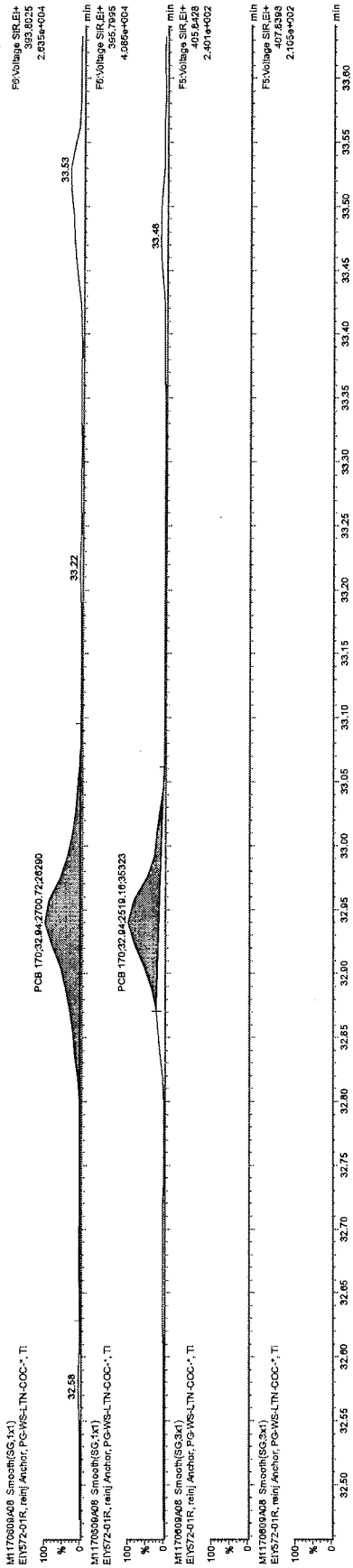
2017-06-12

MT2

After

M13

BN  
20170617

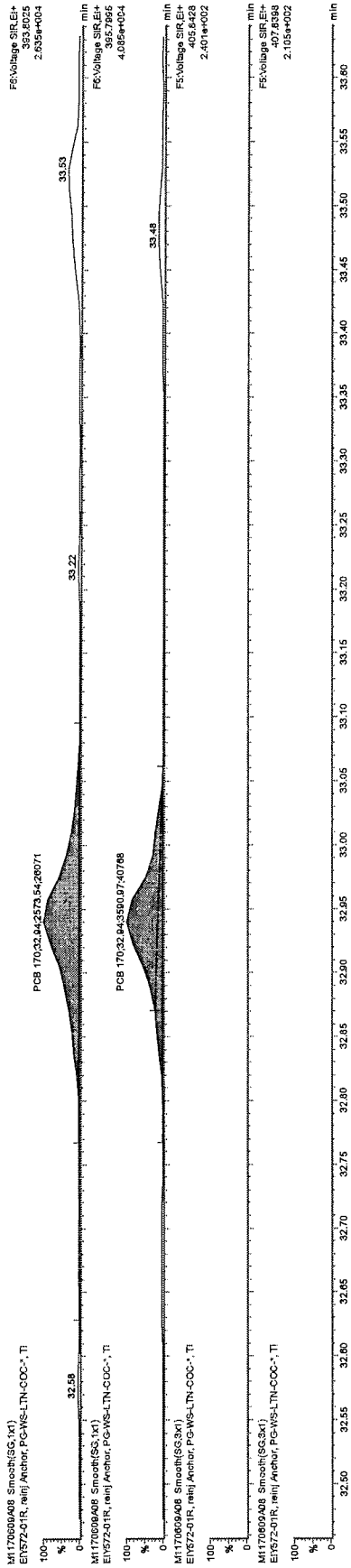


2017-06-12

MT2

Before  
M3

20170612

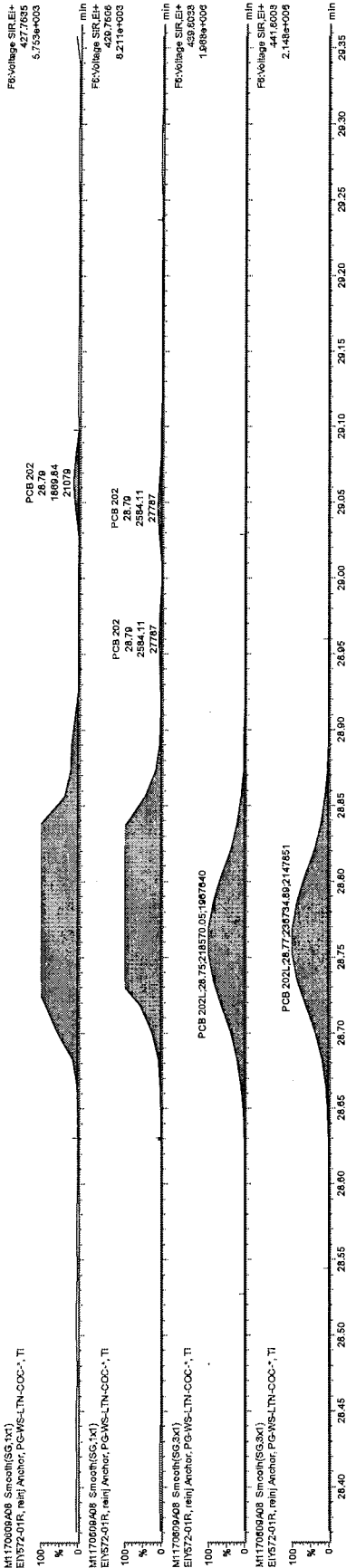


2017-06-12

MT2

After  
M3

20170612  
M3

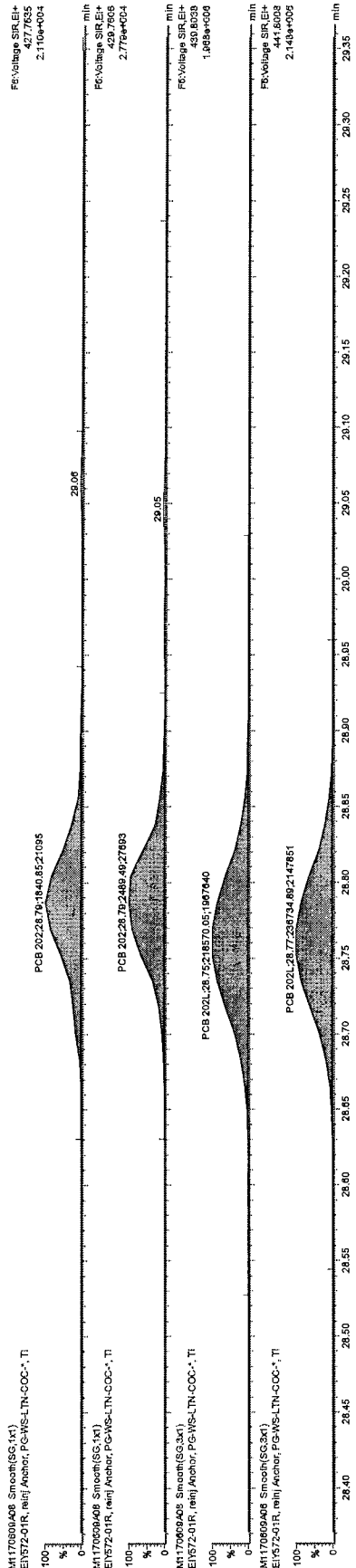


2017-06-12

MT2

Before  
M3

20170613

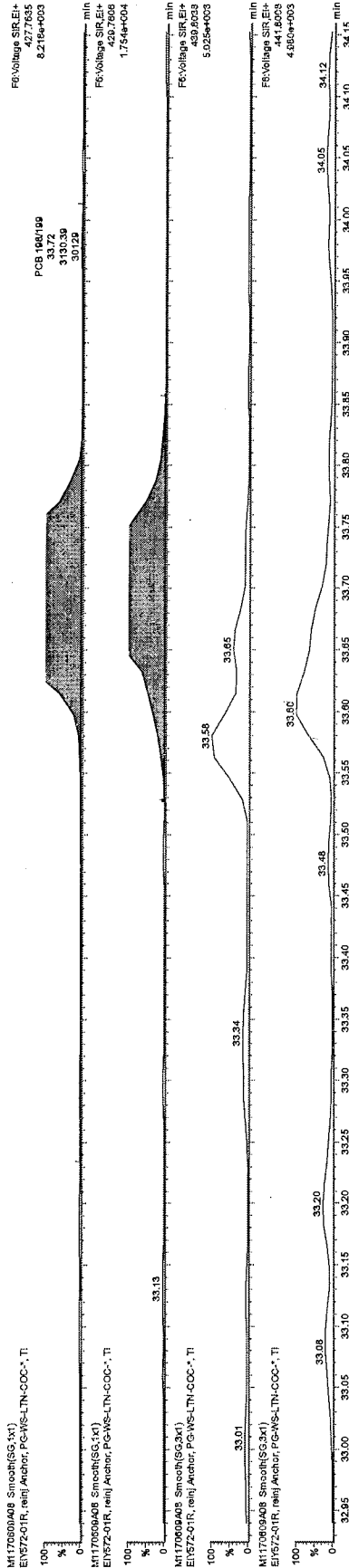


2017-06-12

MT2

After  
M3

2017-06-12

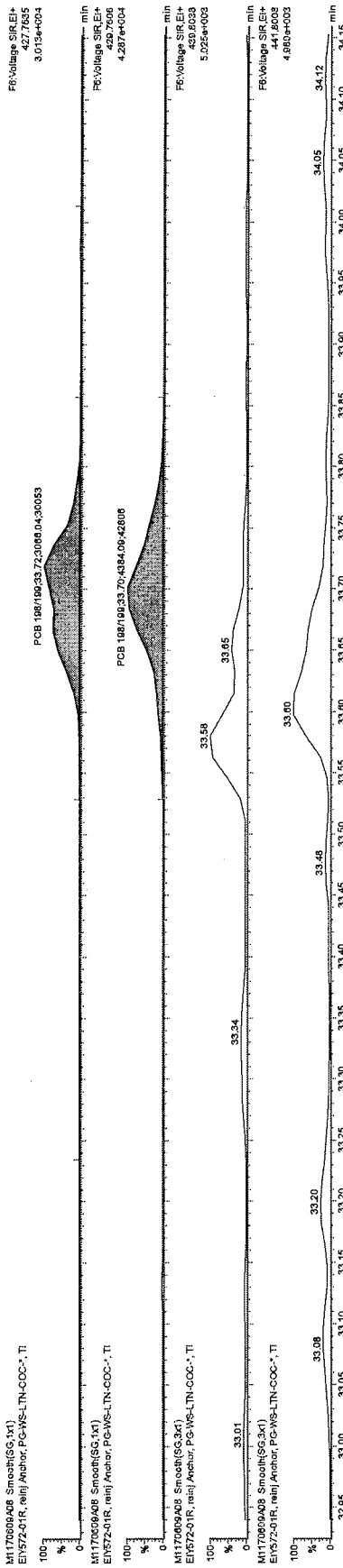


Before  
M3

62  
20170613

2017-06-12

MT2



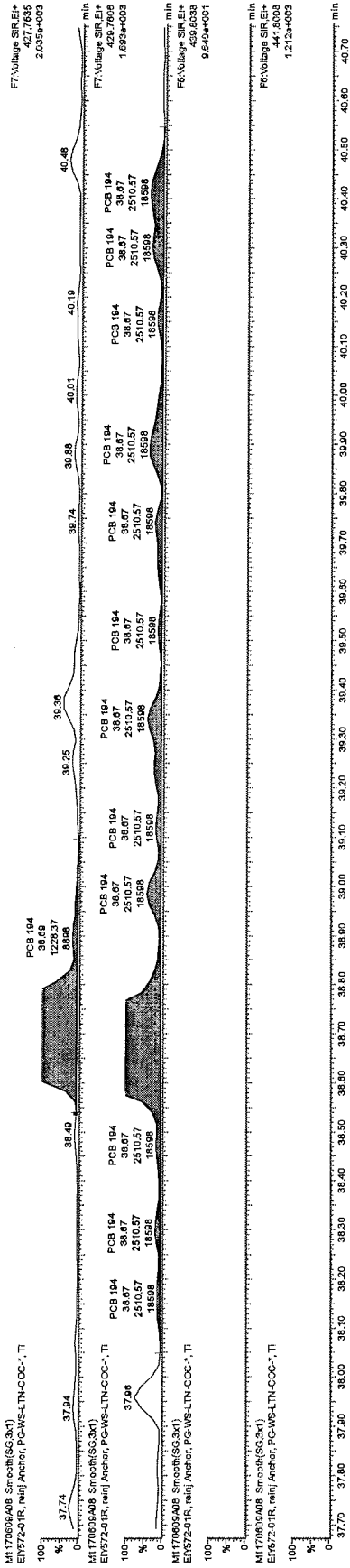
2017-06-12

MT2

After  
M3

Handwritten signature



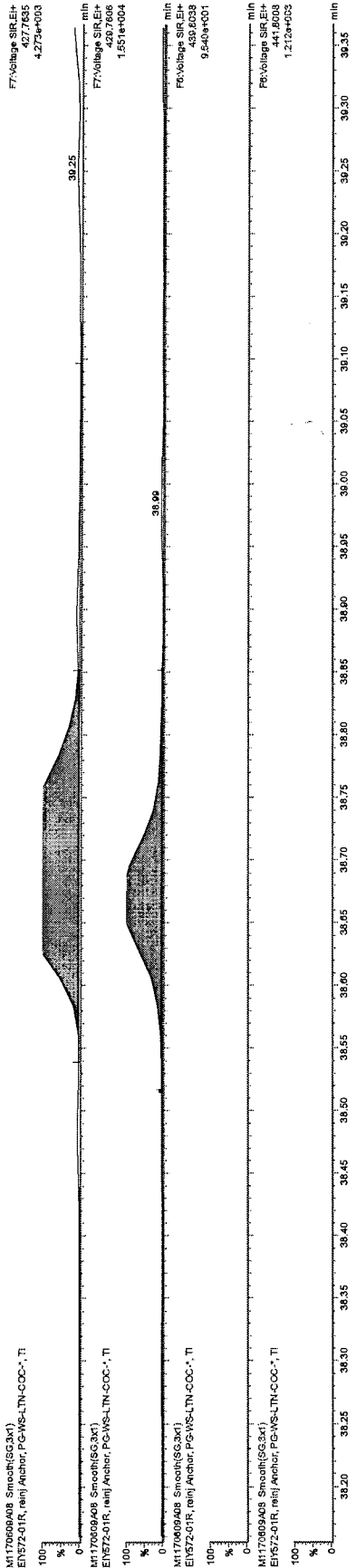


2017-06-12

MT2

Before  
WB

B-1  
20170613

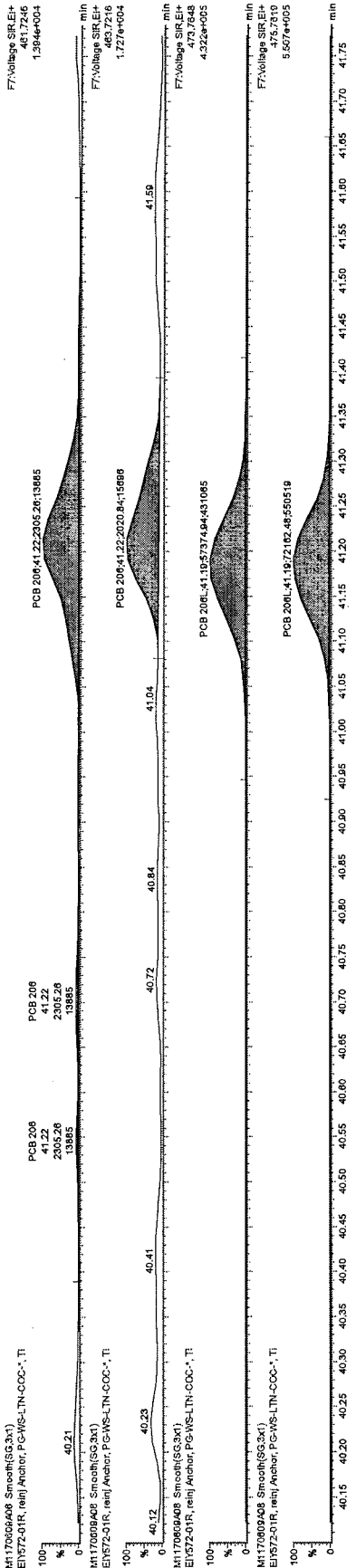


2017-06-12

MT2

After  
M3

20170615

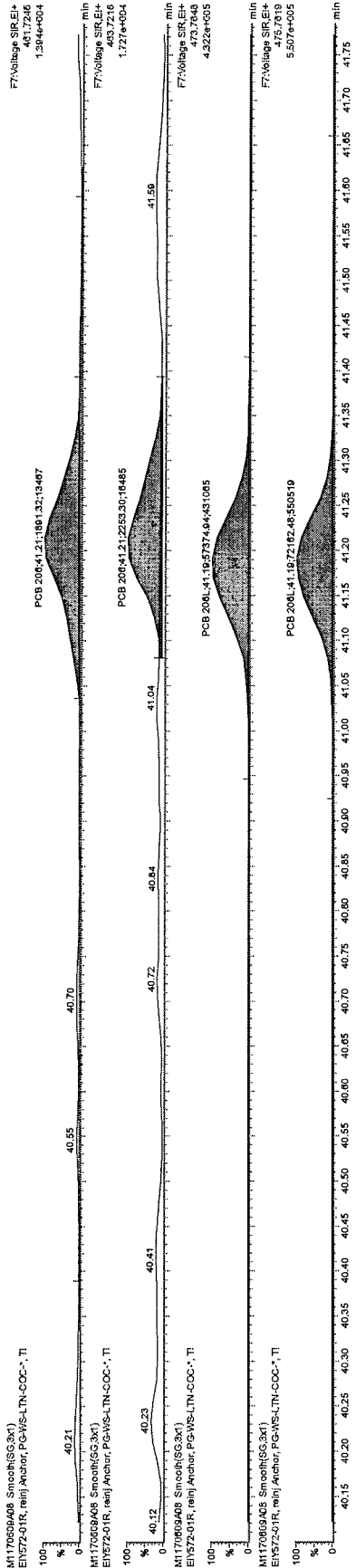


2017-06-12

MT2

Before  
M3

20170613

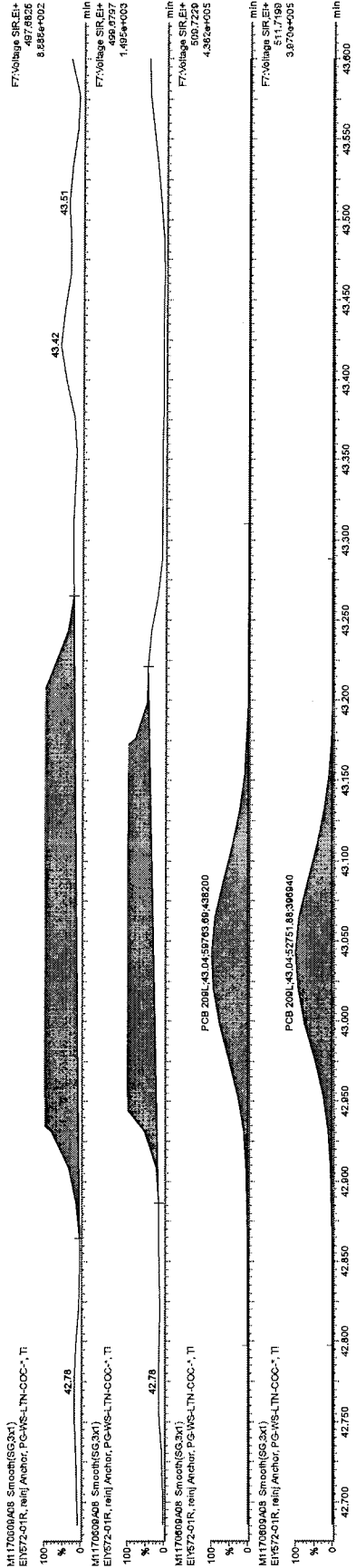


209  
 208  
 207  
 206  
 205  
 204  
 203  
 202  
 201

2017-06-12

MT2

After  
 M3

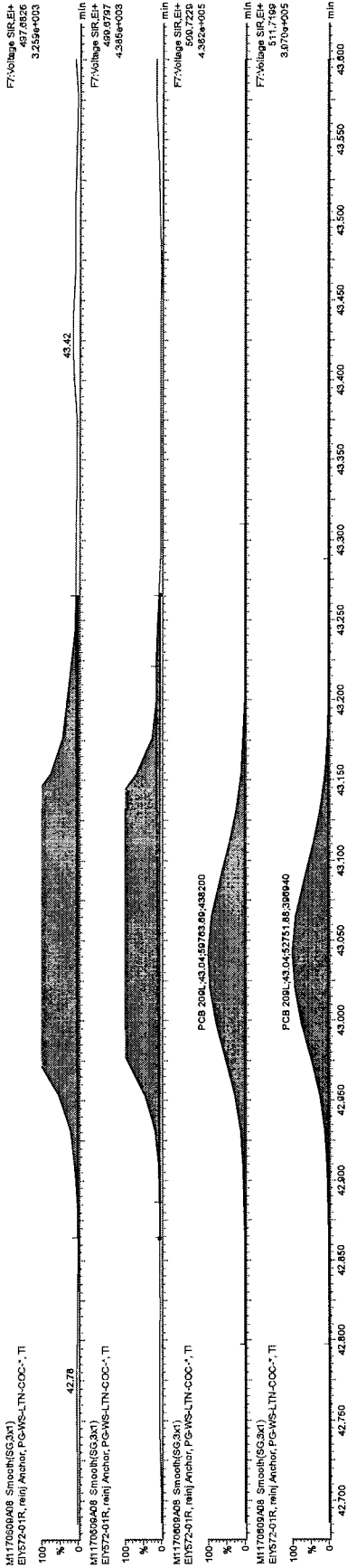


2017-06-12

MT2

Before  
M3

Handwritten signature or initials.



2017-06-12

MT2

After

M3

3180 LTA  
59

Sample ID EIY574-01R  
 Comments  
 Instrument File Ultima 1  
 Sample Size 10.016

Dil Fac 1.00

5X

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	Isomers	DL	S/N	Mod	rrf	Rec
1 PCB 1 (IUPAC)	188	8.81	-282	3.13	-372.096	-0.000218862	PCB 1 (IUPAC) NDR		-0.000196331	3	xL	1.053	-
	MoCB 190	8.81	-90.0958	OK						3			
2 PCB 2	188	NotFnd	*	*	*	-0.000174021			-0.000174021	*	no	1.188	-
	MoCB 190	9.92	*	no						*			
3 PCB 3	188	NotFnd	*	*	*	-0.000195959			-0.000195959	*	no	1.055	-
	MoCB 190	10.01	*	no						*			
4 PCB 4	222	NotFnd	*	*	*	-0.000588298			-0.000588298	*	no	1.191	-
	DiCB 224	10.12	*	no						*			
5 PCB 10	222	NotFnd	*	*	*	-0.000587805			-0.000587805	*	no	1.192	-
	DiCB 224	10.21	*	no						*			
6 PCB 9	222	NotFnd	*	*	*	-0.00035658			-0.00035658	*	no	1.471	-
	DiCB 224	11.01	*	no						*			
7 PCB 7	222	NotFnd	*	*	*	-0.000370692			-0.000370692	*	no	1.415	-
	DiCB 224	11.09	*	no						*			
8 PCB 6	222	NotFnd	*	*	*	-0.000361994			-0.000361994	*	no	1.449	-
	DiCB 224	11.19	*	no						*			
9 PCB 5	222	NotFnd	*	*	*	-0.00043278			-0.00043278	*	no	1.212	-
	DiCB 224	11.31	*	no						*			
10 PCB 8	222	11.36	2458	1.35	4285	0.001163			-0.000300762	17	yes	1.744	-
	DiCB 224	11.37	1827	yes						22			
11 PCB 14	222	NotFnd	*	*	*	-0.000360501			-0.000360501	*	no	1.455	-
	DiCB 224	12.05	*	no						*			
12 PCB 11	222	12.42	14020	1.5	23371	0.007562			-0.00035853	96	yes	1.463	-
	DiCB 224	12.42	9351	yes						108			
13 PCB 13/12	222	NotFnd	*	*	*	-0.000368091			-0.000368091	*	no	1.425	-
	DiCB 224	12.56	*	no						*			
14 PCB 15	222	12.70	-1741	1.56	-2857.03	-0.000877986	PCB 15 NDR		-0.000548671	12	xL	0.956	-
	DiCB 224	12.70	-1116.03	OK						22			
15 PCB 19	256	11.48	409	2.57	568	-0.000742772			-0.000742772	*	yes	1.06	-
	TriCB 258	11.48	159	no						*			
16 PCB 30/18	256	12.27	2954	1.11	5626	0.001945			-0.000752713	23	no	1.046	-
	TriCB 258	12.27	2671	yes						26			
17 PCB 17	256	12.48	1178	1.14	2209	0.000959			-0.000945183	10	no	0.833	-
	TriCB 258	12.48	1032	yes						8			
18 PCB 27	256	12.56	487	0.98	986	-0.000642725			-0.000642725	*	yes	1.225	-
	TriCB 258	12.56	499	yes						*			
19 PCB 24	256	NotFnd	*	*	*	-0.000709313			-0.000709313	*	no	1.11	-
	TriCB 258	12.61	*	no						*			
20 PCB 16	256	12.68	694	1.19	1277	-0.001069752			-0.001069752	*	yes	0.736	-
	TriCB 258	12.69	583	yes						*			
21 PCB 32	256	12.90	-1177	1.04	-2308.73	-0.000642915	PCB 32 NDR		-0.000602862	10	xL	1.306	-
	TriCB 258	12.90	-1131.73	OK						19			
22 PCB 34	256	NotFnd	*	*	*	-0.000209634			-0.000209634	*	no	1.367	-
	TriCB 258	13.48	*	no						*			
23 PCB 23	256	NotFnd	*	*	*	-0.000215954			-0.000215954	*	no	1.327	-
	TriCB 258	13.56	*	no						*			
24 PCB 26/29	256	13.72	-1295	1.04	-2540.19	-0.00065104	PCB 26/29 NDR		-0.000201952	11	xL	1.419	-
	TriCB 258	13.72	-1245.19	OK						13			
25 PCB 25	256	13.84	736	1	1471	0.000376			-0.000202666	6	yes	1.414	-
	TriCB 258	13.85	735	yes						6			
26 PCB 31	256	13.99	6333	1.04	12412	0.002965			-0.00018928	52	no	1.514	-
	TriCB 258	14.01	6079	yes						52			
27 PCB 28/20	256	14.15	8633	1.12	16307	0.004165			-0.00020238	72	no	1.416	-
	TriCB 258	14.16	7675	yes						65			
28 PCB 21/33	256	14.27	3007	1.09	5776	-0.001454			-0.000199582	22	no	1.436	-
	TriCB 258	14.27	2769	yes						23			
29 PCB 22	256	14.48	2061	0.95	4237	0.001145			-0.000214178	16	no	1.338	-
	TriCB 258	14.47	2176	yes						16			
30 PCB 36	256	15.27	-372.32	1.04	-730.32	-0.000175918	PCB 36 NDR		-0.000175918	*	Op-O	1.629	-
	TriCB 258	15.30	-358	OK						*			
31 PCB 39	256	NotFnd	*	*	*	-0.000195079			-0.000195079	*	no	1.469	-
	TriCB 258	15.50	*	no						*			
32 PCB 38	256	NotFnd	*	*	*	-0.000198456			-0.000198456	*	no	1.444	-
	TriCB 258	15.91	*	no						*			
33 PCB 35	256	16.12	-471.12	1.04	-924.12	-0.000239549	PCB 35 NDR		-0.000204255	4	xL	1.403	-
	TriCB 258	16.10	-453	OK						4			
34 PCB 37	256	16.36	-2728	1.04	-5351.08	-0.00132174	PCB 37 NDR		-0.000301336	20	xL	0.951	-
	TriCB 258	16.36	-2623.08	OK						24			
35 PCB 54	290	NotFnd	*	*	*	-0.000776149			-0.000776149	*	no	1.071	-
	TCB 292	12.82	*	no						*			
36 PCB 53/50	290	13.85	940	0.67	2348	0.00087			-0.000453082	7	yes	0.844	-
	TCB 292	13.86	1409	yes						7			
37 PCB 45/51	290	14.24	-1488.87	0.77	-3417.87	-0.001306755	PCB 45/51 NDR		-0.000466912	10	xL	0.819	-
	TCB 292	14.21	-1931	OK						10			
38 PCB 46	290	14.36	264	0.52	770	-0.00055825			-0.00055825	*	yes	0.685	-
	TCB 292	14.35	506	no						*			
39 PCB 52	290	15.08	11455	0.74	26965	0.009546			-0.00043307	86	yes	0.883	-
	TCB 292	15.05	15510	yes						86			
40 PCB 73	290	NotFnd	*	*	*	-0.000324343			-0.000324343	*	no	1.179	-
	TCB 292	15.14	*	no						*			
41 PCB 43	290	15.22	164	0.62	429	-0.000633114			-0.000633114	*	yes	0.604	-
	TCB 292	15.21	264	no						*			
42 PCB 69/49	290	15.36	-5978	0.77	-13511.8	-0.004491421	PCB 69/49 NDR		-0.000405946	42	xL	0.942	-
	TCB 292	15.34	-7633.77	OK						50			
43 PCB 48	290	15.53	-1047	0.77	-2406.74	-0.000923553	PCB 48 NDR		-0.000468629	7	xL	0.816	-
	TCB 292	15.50	-1359.74	OK						9			
44 PCB 44/47/65	290	15.67	16251	0.73	38509	0.013333			-0.000423478	97	yes	0.903	-
	TCB 292	15.64	22258	yes						101			
45 PCB 59/62/75	290	15.86	-960.19	0.77	-2207.19	-0.000633487	PCB 59/62/75 NDR		-0.000350505	6	xL	1.091	-

	TCB 292	15.84	-1247	OK					6				
<b>46 PCB 42</b>	<b>290</b>	<b>15.97</b>	<b>1839</b>	<b>0.71</b>	<b>4443</b>	<b>0.001873</b>							
	TCB 292	15.94	2604	yes					-0.000516061	13	yes	0.741	-
	290	16.24	-3004	0.77	-6905.3	-0.002555846	PCB 40/41/71 NDR		-0.000452011	14	xL	0.846	-
<b>47 PCB 40/41/71</b>	<b>292</b>	<b>16.23</b>	<b>-3901.3</b>	<b>OK</b>						17			
	TCB 292	16.38	4109	0.74	9648	0.002956			-0.000374903	24	yes	1.02	-
<b>48 PCB 64</b>	<b>290</b>	<b>16.37</b>	<b>5539</b>	<b>yes</b>						29			
	TCB 292	16.37	5539	yes					-0.000492318	*	no	1.392	-
<b>49 PCB 72</b>	<b>290</b>	<b>NotFnd</b>	*	*	*	-0.000492318				*			
	TCB 292	16.90	*	no					-0.000496239	13	no	1.381	-
<b>50 PCB 68</b>	<b>290</b>	<b>17.04</b>	<b>4561</b>	<b>0.85</b>	<b>9906</b>	<b>0.002242</b>				12			
	TCB 292	17.09	5344	yes					-0.000506509	*	no	1.353	-
<b>51 PCB 57</b>	<b>290</b>	<b>NotFnd</b>	*	*	*	-0.000506509				*			
	TCB 292	17.36	*	no					-0.000516822	*	no	1.326	-
<b>52 PCB 58</b>	<b>290</b>	<b>NotFnd</b>	*	*	*	-0.000516822				*			
	TCB 292	17.51	*	no					-0.000504273	*	yes	1.359	-
<b>53 PCB 67</b>	<b>290</b>	<b>17.60</b>	<b>360</b>	<b>0.8</b>	<b>810</b>	<b>-0.000504273</b>				*			
	TCB 292	17.59	450	yes					-0.000486033	*	yes	1.41	-
<b>54 PCB 63</b>	<b>290</b>	<b>17.77</b>	<b>567</b>	<b>0.9</b>	<b>1198</b>	<b>-0.000486033</b>				*			
	TCB 292	17.76	632	no					-0.000525139	38	no	1.305	-
<b>55 PCB 61/70/74/76</b>	<b>290</b>	<b>18.00</b>	<b>18420</b>	<b>0.83</b>	<b>40564</b>	<b>0.009715</b>				36			
	TCB 292	18.01	22144	yes					-0.000507259	26	no	1.351	-
<b>56 PCB 66</b>	<b>290</b>	<b>18.22</b>	<b>9467</b>	<b>0.79</b>	<b>21389</b>	<b>0.004949</b>				24			
	TCB 292	18.24	11922	yes					-0.000538763	*	no	1.272	-
<b>57 PCB 55</b>	<b>290</b>	<b>NotFnd</b>	*	*	*	-0.000538763				*			
	TCB 292	18.37	*	no					-0.000520354	8	xL	1.317	-
<b>58 PCB 56</b>	<b>290</b>	<b>18.69</b>	<b>-2894</b>	<b>0.77</b>	<b>-6652.44</b>	<b>-0.001581677</b>	<b>PCB 56 NDR</b>			10			
	TCB 292	18.70	-3758.44	OK					-0.000544326	5	no	1.259	-
<b>59 PCB 60</b>	<b>290</b>	<b>18.84</b>	<b>1608</b>	<b>0.81</b>	<b>3604</b>	<b>0.000894</b>				4			
	TCB 292	18.87	1996	yes					-0.000459321	*	no	1.492	-
<b>60 PCB 80</b>	<b>290</b>	<b>NotFnd</b>	*	*	*	-0.000459321				*			
	TCB 292	19.10	*	no					-0.000444715	*	yes	1.541	-
<b>61 PCB 79</b>	<b>290</b>	<b>20.25</b>	<b>400</b>	<b>0.84</b>	<b>874</b>	<b>-0.000444715</b>				*			
	TCB 292	20.23	474	yes					-0.000483291	*	no	1.416	-
<b>62 PCB 78</b>	<b>290</b>	<b>NotFnd</b>	*	*	*	-0.000483291				*			
	TCB 292	20.68	*	no					-0.000671869	*	no	1.02	-
<b>63 PCB 81</b>	<b>290</b>	<b>NotFnd</b>	*	*	*	-0.000671869				*			
	TCB 292	21.01	*	no					-0.000674514	3	no	1.016	-
<b>64 PCB 77</b>	<b>290</b>	<b>21.44</b>	<b>1519</b>	<b>0.68</b>	<b>3739</b>	<b>0.000878</b>				4			
	TCB 292	21.44	2221	yes					-7.66735E-05	*	no	1.194	-
<b>65 PCB 104</b>	<b>326</b>	<b>NotFnd</b>	*	*	*	-7.66735E-05				*			
	PeCB 328	15.64	*	no					-0.000113583	7	xL	0.806	-
<b>66 PCB 96</b>	<b>326</b>	<b>15.84</b>	<b>-266.6</b>	<b>1.55</b>	<b>-438.6</b>	<b>-0.000161054</b>	<b>PCB 96 NDR</b>			7			
	PeCB 328	15.85	-172	OK					-0.000199692	5	yes	0.824	-
<b>67 PCB 103</b>	<b>326</b>	<b>16.99</b>	<b>532</b>	<b>1.64</b>	<b>857</b>	<b>0.000308</b>				6			
	PeCB 328	16.98	324	yes					-0.00024486	*	no	0.672	-
<b>68 PCB 94</b>	<b>326</b>	<b>NotFnd</b>	*	*	*	-0.00024486				*			
	PeCB 328	17.12	*	no					-0.000208286	157	no	0.79	-
<b>69 PCB 95</b>	<b>326</b>	<b>17.42</b>	<b>16825</b>	<b>1.72</b>	<b>26616</b>	<b>0.009993</b>				145			
	PeCB 328	17.40	9791	yes					-0.000226336	6	no	0.727	-
<b>70 PCB 100/93/102/98</b>	<b>326</b>	<b>17.67</b>	<b>1279</b>	<b>1.59</b>	<b>2085</b>	<b>0.000852</b>				9			
	PeCB 328	17.54	806	yes					-0.000225406	32	no	0.73	-
<b>71 PCB 88/91</b>	<b>326</b>	<b>18.00</b>	<b>3774</b>	<b>1.73</b>	<b>5952</b>	<b>0.002418</b>				32			
	PeCB 328	17.95	2178	yes					-0.000255506	36	no	0.644	-
<b>72 PCB 84</b>	<b>326</b>	<b>18.15</b>	<b>3934</b>	<b>1.43</b>	<b>6677</b>	<b>0.003077</b>				36			
	PeCB 328	18.12	2743	yes					-0.00023373	*	yes	0.704	-
<b>73 PCB 89</b>	<b>326</b>	<b>18.48</b>	<b>312</b>	<b>1.36</b>	<b>541</b>	<b>-0.00023373</b>				*			
	PeCB 328	18.45	230	yes					-0.000166882	*	no	0.986	-
<b>74 PCB 121</b>	<b>326</b>	<b>NotFnd</b>	*	*	*	-0.000166882				*			
	PeCB 328	18.70	*	no					-0.000223872	55	no	0.735	-
<b>75 PCB 92</b>	<b>326</b>	<b>18.98</b>	<b>6512</b>	<b>1.44</b>	<b>11031</b>	<b>0.004451</b>				60			
	PeCB 328	18.96	4519	yes					-0.000190227	292	no	0.865	-
<b>76 PCB 113/90/101</b>	<b>326</b>	<b>19.41</b>	<b>34159</b>	<b>1.42</b>	<b>58193</b>	<b>0.019954</b>				317			
	PeCB 328	19.38	24034	yes					-0.000217079	203	no	0.758	-
<b>77 PCB 83/99</b>	<b>326</b>	<b>19.85</b>	<b>24626</b>	<b>1.54</b>	<b>40643</b>	<b>0.015904</b>				198			
	PeCB 328	19.84	16017	yes					-0.000175422	*	no	0.938	-
<b>78 PCB 112</b>	<b>326</b>	<b>NotFnd</b>	*	*	*	-0.000175422				*			
	PeCB 328	19.92	*	no					-0.000187838	83	yes	0.876	-
<b>79 PCB 109/119/86/97/125/1</b>	<b>326</b>	<b>20.23</b>	<b>16854</b>	<b>1.48</b>	<b>28221</b>	<b>0.009565</b>				87			
	PeCB 328	20.21	11368	yes					-0.000178854	48	yes	0.92	-
<b>80 PCB 117/116/85</b>	<b>326</b>	<b>20.78</b>	<b>5901</b>	<b>1.72</b>	<b>9340</b>	<b>0.003012</b>				42			
	PeCB 328	20.76	3439	yes					-0.000172843	259	no	0.952	-
<b>81 PCB 110/115</b>	<b>326</b>	<b>20.90</b>	<b>32980</b>	<b>1.37</b>	<b>57019</b>	<b>0.017776</b>				289			
	PeCB 328	20.88	24040	yes					-0.00024127	20	xL	0.682	-
<b>82 PCB 82</b>	<b>326</b>	<b>21.18</b>	<b>-1559.3</b>	<b>1.55</b>	<b>-2565.3</b>	<b>-0.00113248</b>	<b>PCB 82 NDR</b>			11			
	PeCB 328	21.15	-1006	OK					-0.000164546	*	no	1	-
<b>83 PCB 111</b>	<b>326</b>	<b>NotFnd</b>	*	*	*	-0.000164546				*			
	PeCB 328	21.45	*	no					-0.000151098	*	Op-O	1.089	-
<b>84 PCB 120</b>	<b>326</b>	<b>21.80</b>	<b>574</b>	<b>3.04</b>	<b>763</b>	<b>-0.000151098</b>				*			
	PeCB 328	21.81	189	no					-0.000182738	8	no	1.213	-
<b>85 PCB 108/124</b>	<b>326</b>	<b>22.76</b>	<b>1493</b>	<b>1.57</b>	<b>2443</b>	<b>0.000597</b>				8			
	PeCB 328	22.78	950	yes					-0.000160624	24	yes	1.38	-
<b>86 PCB 107</b>	<b>326</b>	<b>22.97</b>	<b>4342</b>	<b>1.41</b>	<b>7417</b>	<b>0.001594</b>				28			
	PeCB 328	22.98	3074	yes					-0.000240675	7	xL	0.921	-
<b>87 PCB 123</b>	<b>326</b>	<b>23.04</b>	<b>-626</b>	<b>1.55</b>	<b>-1029.87</b>	<b>-0.000287498</b>	<b>PCB 123 NDR</b>			8			
	PeCB 328	23.08	-403.871	OK					-0.000192414	*	no	1.152	-
<b>88 PCB 106</b>	<b>326</b>	<b>NotFnd</b>	*	*	*	-0.000192414				*			
	PeCB 328	23.19	*	no					-0.000215624	233	no	1.028	-
<b>89 PCB 118</b>	<b>326</b>	<b>23.35</b>	<b>42743</b>	<b>1.59</b>	<b>69677</b>	<b>0.01814</b>				234			
	PeCB 328	23.33	26934	yes					-0.000190431	*	yes	1.164	-
<b>90 PCB 122</b>	<b>326</b>	<b>23.66</b>	<b>371</b>	<b>1.49</b>	<b>620</b>	<b>-0.000190431</b>				*			
	PeCB 328	23.63	249	yes					-0.000216678	*	yes	1.023	-
<b>91 PCB 114</b>	<b>326</b>	<b>23.82</b>	<b>389</b>	<b>1.04</b>	<b>763</b>	<b>-0.000216678</b>				*			
	PeCB 328	23.82	374	no					-0.000216466	101	no	1.024	-
<b>92 PCB 105</b>	<b>326</b>	<b>24.39</b>	<b>18838</b>	<b>1.44</b>	<b>31941</b>	<b>0.00845</b>			</				



95 PCB 155	360	19.26	237	1.69	377	-0.000203518	-0.000203518	*	yes	1.103	-	
	HxCB 362	19.26	141	no	*	*	*	*	*	*	*	
96 PCB 152	360	NotFnd	*	*	*	-0.000263784	-0.000263784	*	no	0.851	-	
	HxCB 362	19.40	*	no	*	*	*	*	*	*	*	
97 PCB 150	360	NotFnd	*	*	*	-0.000310056	-0.000310056	*	no	0.724	-	
	HxCB 362	19.53	*	no	*	*	*	*	*	*	*	
98 PCB 136	360	19.80	-2615	1.24	-4723.87	-0.002500039	PCB 136 NDR	-0.00285236	18	xL	0.787	-
	HxCB 362	19.78	-2108.87	OK	*	*	*	*	26	*	*	*
99 PCB 145	360	NotFnd	*	*	*	-0.000305832	-0.000305832	*	no	0.734	-	
	HxCB 362	20.03	*	no	*	*	*	*	*	*	*	
100 PCB 148	360	NotFnd	*	*	*	-0.000371042	-0.000371042	*	no	0.605	-	
	HxCB 362	21.13	*	no	*	*	*	*	*	*	*	
101 PCB 151/135	360	21.63	9495	1.18	17529	0.012863	-0.000385044	54	no	0.583	-	
	HxCB 362	21.61	8034	yes	*	*	*	58	*	*	*	
102 PCB 154	360	21.84	1694	1.06	3297	0.002101	-0.000334546	12	no	0.671	-	
	HxCB 362	21.82	1603	yes	*	*	*	15	*	*	*	
103 PCB 144	360	22.10	1220	1.3	2156	0.001487	-0.000362065	9	no	0.62	-	
	HxCB 362	22.07	935	yes	*	*	*	9	*	*	*	
104 PCB 147/149	360	22.38	37476	1.24	67629	0.037017	-0.000568077	216	yes	0.781	-	
	HxCB 362	22.36	30153	yes	*	*	*	207	*	*	*	
105 PCB 134/143	360	22.55	-1149	1.24	-2075.81	-0.001275088	PCB 134/143 NDR	-0.000654378	8	xL	0.678	-
	HxCB 362	22.61	-926.613	OK	*	*	*	8	*	*	*	
106 PCB 139/140	360	22.90	-750.2	1.24	-1355.2	-0.000713593	PCB 139/140 NDR	-0.000560895	7	xL	0.791	-
	HxCB 362	22.88	-805	OK	*	*	*	5	*	*	*	
107 PCB 131	360	23.05	435	1.45	734	-0.000714441	-0.000714441	*	yes	0.621	-	
	HxCB 362	23.05	300	no	*	*	*	*	*	*	*	
108 PCB 142	360	NotFnd	*	*	*	-0.000638371	-0.000638371	*	no	0.695	-	
	HxCB 362	23.19	*	no	*	*	*	*	*	*	*	
109 PCB 132	360	23.45	9558	1.37	16552	0.010416	-0.000653414	53	no	0.679	-	
	HxCB 362	23.44	6994	yes	*	*	*	50	*	*	*	
110 PCB 133	360	23.87	1076	1.36	1869	0.001063	-0.000589984	6	no	0.752	-	
	HxCB 362	23.86	793	yes	*	*	*	5	*	*	*	
111 PCB 165	360	NotFnd	*	*	*	-0.000464574	-0.000464574	*	no	0.955	-	
	HxCB 362	24.22	*	no	*	*	*	*	*	*	*	
112 PCB 146	360	24.42	-9870.4	1.24	-17830.4	-0.008420077	PCB 146 NDR	-0.000503025	59	xL	0.882	-
	HxCB 362	24.43	-7960	OK	*	*	*	53	*	*	*	
113 PCB 161	360	NotFnd	*	*	*	-0.000438407	-0.000438407	*	no	1.012	-	
	HxCB 362	24.54	*	no	*	*	*	*	*	*	*	
114 PCB 153/168	360	24.99	90762	1.29	161064	0.070806	-0.000455598	488	yes	0.973	-	
	HxCB 362	25.01	70301	yes	*	*	*	465	*	*	*	
115 PCB 141	360	25.16	3546	1.1	6759	0.003936	-0.000604452	20	yes	0.734	-	
	HxCB 362	25.15	3214	yes	*	*	*	20	*	*	*	
116 PCB 130	360	25.53	-2546	1.24	-4599.23	-0.002721044	PCB 130 NDR	-0.00063021	13	xL	0.704	-
	HxCB 362	25.53	-2053.23	OK	*	*	*	17	*	*	*	
117 PCB 137	360	25.77	658	1.24	1189	0.000746	-0.00065054	5	yes	0.682	-	
	HxCB 362	25.76	532	yes	*	*	*	5	*	*	*	
118 PCB 164	360	25.84	3022	1.2	5546	0.002208	-0.000413099	15	yes	1.074	-	
	HxCB 362	25.85	2524	yes	*	*	*	16	*	*	*	
119 PCB 138/163/129	360	26.13	66099	1.31	116469	0.060087	-0.000535185	319	yes	0.829	-	
	HxCB 362	26.17	50370	yes	*	*	*	309	*	*	*	
120 PCB 160	360	NotFnd	*	*	*	-0.000482248	-0.000482248	*	no	0.92	-	
	HxCB 362	26.31	*	no	*	*	*	*	*	*	*	
121 PCB 158	360	26.50	5248	1.26	9404	0.003697	-0.000407783	23	yes	1.088	-	
	HxCB 362	26.49	4156	yes	*	*	*	23	*	*	*	
122 PCB 128/166	360	27.33	9177	1.14	17241	0.00826	-0.000496829	40	yes	0.893	-	
	HxCB 362	27.33	8064	yes	*	*	*	44	*	*	*	
123 PCB 159	360	NotFnd	*	*	*	-0.000239943	-0.000239943	*	no	1.209	-	
	HxCB 362	28.29	*	no	*	*	*	*	*	*	*	
124 PCB 162	360	NotFnd	*	*	*	-0.00024054	-0.00024054	*	no	1.206	-	
	HxCB 362	28.55	*	no	*	*	*	*	*	*	*	
125 PCB 167	360	29.05	1908	1.41	3257	0.000982	-0.000263002	13	no	1.103	-	
	HxCB 362	29.04	1349	yes	*	*	*	13	*	*	*	
126 PCB 156/157	360	30.19	-1556.2	1.24	-2811.2	-0.000996582	PCB 156/157 NDR	-0.000277068	12	xL	1.047	-
	HxCB 362	30.20	-1255	OK	*	*	*	10	*	*	*	
127 PCB 189	360	NotFnd	*	*	*	-0.000278933	-0.000278933	*	no	1.04	-	
	HxCB 362	33.58	*	no	*	*	*	*	*	*	*	
128 PCB 188	394	23.80	-246.75	1.05	-481.75	-0.000283033	PCB 188 NDR	-0.000283033	*	Op-O	1.069	-
	HpCB 396	23.80	-235	OK	*	*	*	*	*	*	*	
129 PCB 179	394	24.09	-3227	1.05	-6300.33	-0.000271844	PCB 179 NDR	-0.000271844	*	xL	1.113	-
	HpCB 398	24.09	-3073.33	OK	*	*	*	*	*	*	*	
130 PCB 184	394	NotFnd	*	*	*	-0.000283298	-0.000283298	*	no	1.068	-	
	HpCB 396	24.56	*	no	*	*	*	*	*	*	*	
131 PCB 176	394	24.85	-1571	1.05	-3067.19	-0.000290089	PCB 176 NDR	-0.000290089	*	xL	1.043	-
	HpCB 396	24.87	-1496.19	OK	*	*	*	*	*	*	*	
132 PCB 186	394	NotFnd	*	*	*	-0.000307482	-0.000307482	*	no	0.984	-	
	HpCB 396	25.28	*	no	*	*	*	*	*	*	*	
133 PCB 178	394	26.55	3701	0.93	7682	0.0051	-0.000396024	30	yes	0.764	-	
	HpCB 396	26.56	3982	yes	*	*	*	36	*	*	*	
134 PCB 175	394	27.16	704	1.18	1301	0.000812	-0.000372156	6	yes	0.813	-	
	HpCB 396	27.16	597	yes	*	*	*	7	*	*	*	
135 PCB 187	394	27.42	27818	1	55556	0.034271	-0.000367634	245	no	0.823	-	
	HpCB 396	27.39	27738	yes	*	*	*	257	*	*	*	
138 PCB 182	394	NotFnd	*	*	*	-0.000380104	-0.000380104	*	no	0.796	-	
	HpCB 396	27.61	*	no	*	*	*	*	*	*	*	
137 PCB 183	394	28.02	10110	1.03	19938	0.009521	-0.000505577	52	yes	1.063	-	
	HpCB 396	27.99	9828	yes	*	*	*	49	*	*	*	
138 PCB 185	394	NotFnd	*	*	*	-0.0006554	-0.0006554	*	no	0.82	-	
	HpCB 396	28.08	*	no	*	*	*	*	*	*	*	
139 PCB 174	394	28.25	7591	0.98	15306	0.008561	-0.000592534	40	yes	0.907	-	
	HpCB 396	28.24	7715	yes	*	*	*	42	*	*	*	
140 PCB 177	394	28.65	8118	0.98	16411	0.009348	-0.000603174	41	no	0.891	-	
	HpCB 396	28.65	8293	yes	*	*	*	40	*	*	*	
141 PCB 181	394	NotFnd	*	*	*	-0.000597143	-0.000597143	*	no	0.9	-	
	HpCB 396	29.06	*	no	*	*	*	*	*	*	*	
142 PCB 171/173	394	29.29	-1376.55	1.05	-2687.55	-0.001561384	PCB 171/173 NDR	-0.000614907	25	xL	0.874	-
	HpCB 396	29.28	-1311	OK	*	*	*	17	*	*	*	
143 PCB 172	394	NotFnd	*	*	*	-0.000595159	-0.000595159	*	no	0.903	-	
	HpCB 396	30.93	*	no	*	*	*	*	*	*	*	
144 PCB 192	394	NotFnd	*	*	*	-0.000488127	-0.000488127	*	no	1.101	-	



194 PCB 111L	338	21.42	462556	1.61	749875	0.202007	0	7003	no	1.373	91
PCB Cleanup Standard	340	21.41	287319	yes				3712			
195 PCB 178L	406	26.51	209840	1.06	407011	0.209655	0	2533	no	0.732	95
PCB Cleanup Standard	408	26.52	197171	yes				6760			
196 PCB 31L	268	NotFnd	*	*	*		0.001		no	1.878	
PCB Audit Standard	270	13.98	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0		no	0.916	
PCB Audit Standard	340	17.40	*	no							
198 PCB 153L	372	24.96	7218	1.52	11968	0.00385	0	52	no	1.173	2
PCB Audit Standard	374	24.98	4751	no				70			
199 PCB 9L	234	10.99	3683436	1.6	5985867	14.66358	-	5282	no	-	-
PCB Recovery Standard	236	11.00	2302431	yes				15783			
200 PCB 52L	302	15.07	1460420	0.79	3318900	14.423998	-	4637	no	-	-
PCB Recovery Standard	304	15.05	1858480	yes				11722			
201 PCB 101L	338	19.40	1844338	1.6	2999035	14.271831	-	29100	no	-	-
PCB Recovery Standard	340	19.36	1154697	yes				15794			
202 PCB 138L	372	26.10	1651208	1.28	2940245	13.57359	-	11909	no	-	-
PCB Recovery Standard	374	26.07	1289037	yes				17806			
203 PCB 194L	440	38.65	604162	0.92	1055115	6.119354	-	2952	no	-	-
PCB Recovery Standard	442	38.59	550953	yes				5333			
Chlorobiphenyls					-0.000196331		0	-0.000196331			
Dichlorobiphenyls					0.008725		2	-0.000588298			
Trichlorobiphenyls					0.013009		7	-0.001069752			
Tetrachlorobiphenyls					0.047256		10	-0.000776149			
Pentachlorobiphenyls					0.116091		15	-0.000255506			
Hexachlorobiphenyls					0.215669		14	-0.000714441			
Heptachlorobiphenyls					0.074919		8	-0.000874126			
Octachlorobiphenyls					0.009618		1	-0.001091645			
Nonachlorobiphenyls					0.008612		2	-0.000813776			
Decachlorobiphenyl					0.011093		1	-0.000730046			
PCB (total)					0.504992						

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Method: C:\MassLynx\Default.PRO\MethDB\1668A\_PCB209\_M1170609A.mdb 12 Jun 2017 12:10:41

Calibration: C:\MassLynx\Default.pro\Curvedb\PCB209\_M1170609A.cdb 09 Jun 2017 22:43:24

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

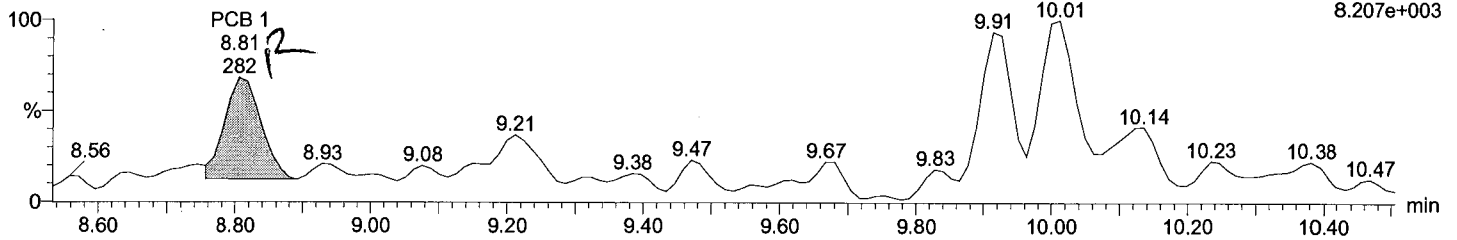
Time: 13:12:49

Instrument:

Total MoCB F1

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

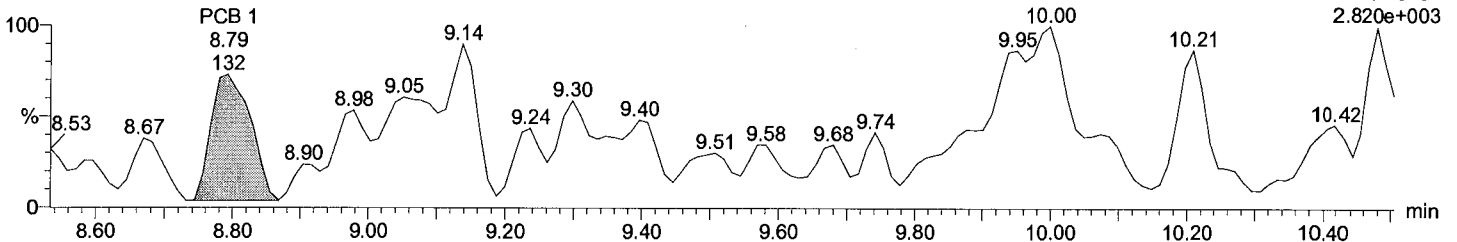
*h=1.816E3*  
F1:Voltage SIR,EI+  
188.0393  
8.207e+003



Total MoCB F1

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

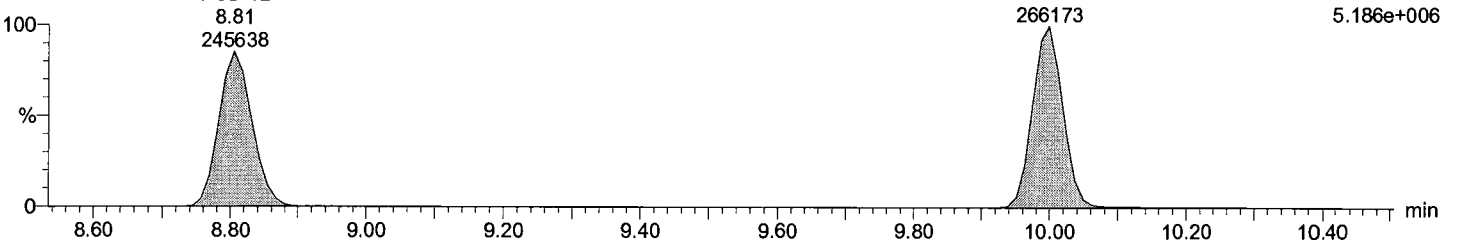
F1:Voltage SIR,EI+  
190.0363  
2.820e+003



Total MoCB labeled F1

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

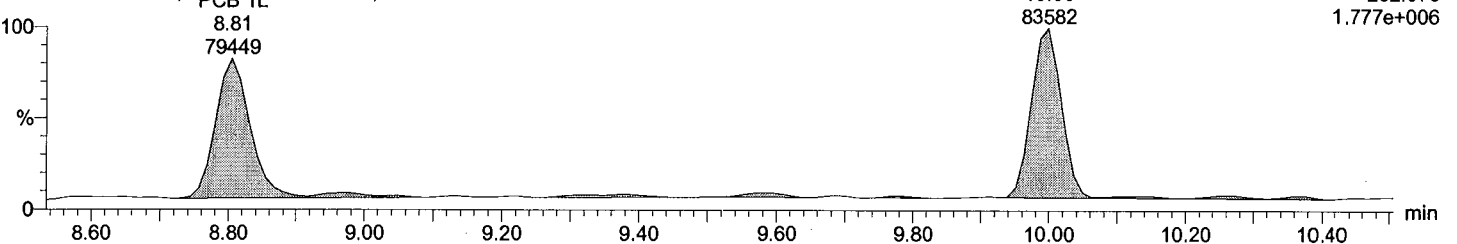
PCB 3L  
10.00  
266173  
F1:Voltage SIR,EI+  
200.0795  
5.186e+006



Total MoCB labeled F1

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

PCB 3L  
10.00  
83582  
F1:Voltage SIR,EI+  
202.076  
1.777e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

Instrument:

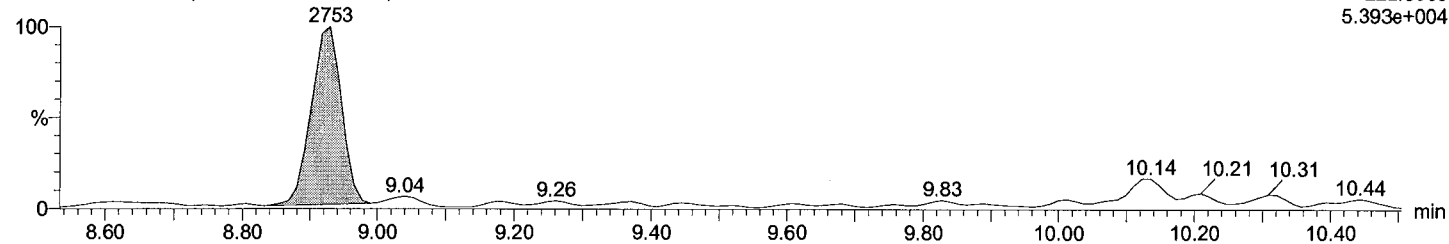
0

h=2.917E3

Total DiCB F1

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

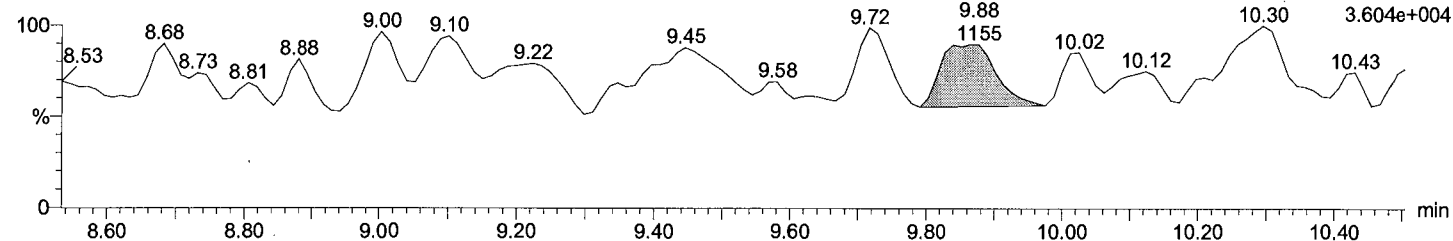
F1:Voltage SIR,EI+  
222.0003  
5.393e+004



Total DiCB F1

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

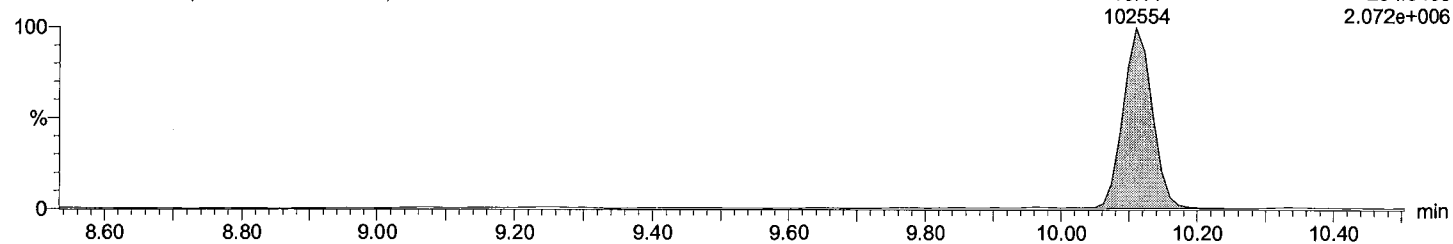
F1:Voltage SIR,EI+  
223.9974  
3.604e+004



Total DiCB labeled F1

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

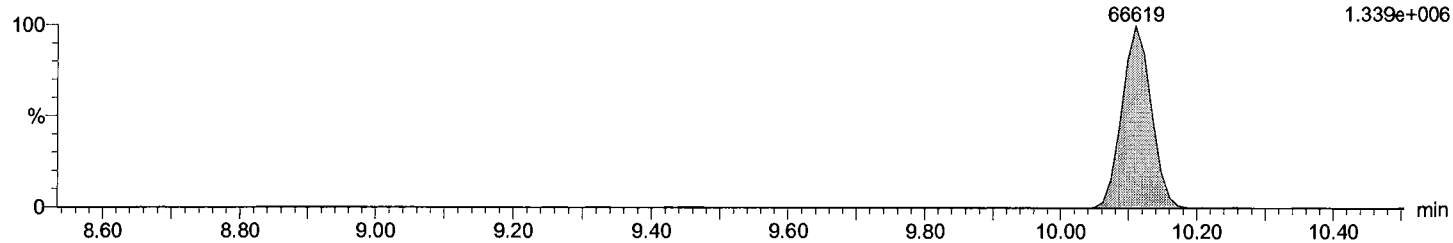
PCB 4L  
10.11  
102554  
F1:Voltage SIR,EI+  
234.0406  
2.072e+006



Total DiCB labeled F1

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

PCB 4L  
10.11  
66619  
F1:Voltage SIR,EI+  
236.0376  
1.339e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

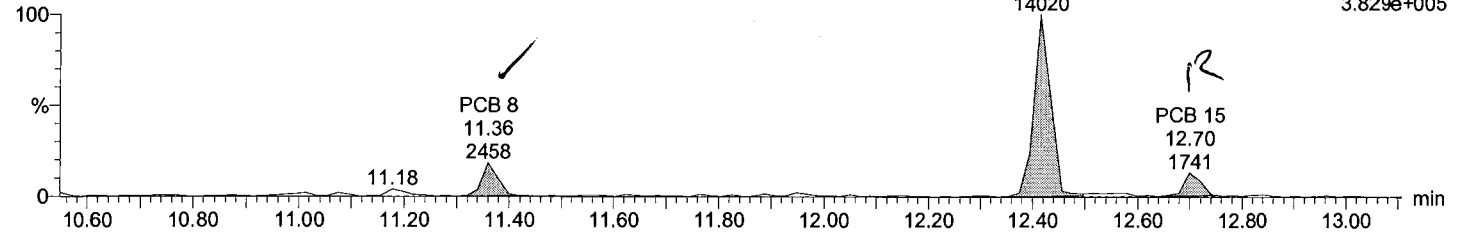
Instrument:

②

Total DiCB F2

M1170609A04  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

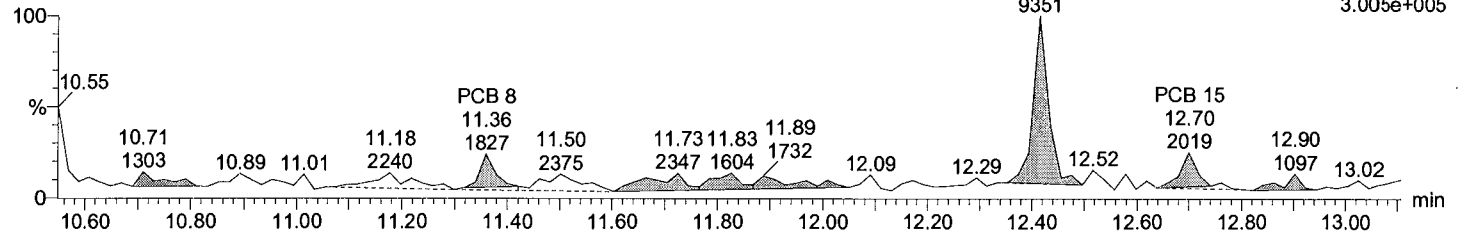
$h=3.983E3$   
F2:Voltage SIR,EI+  
222.0003  
3.829e+005



Total DiCB F2

M1170609A04  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

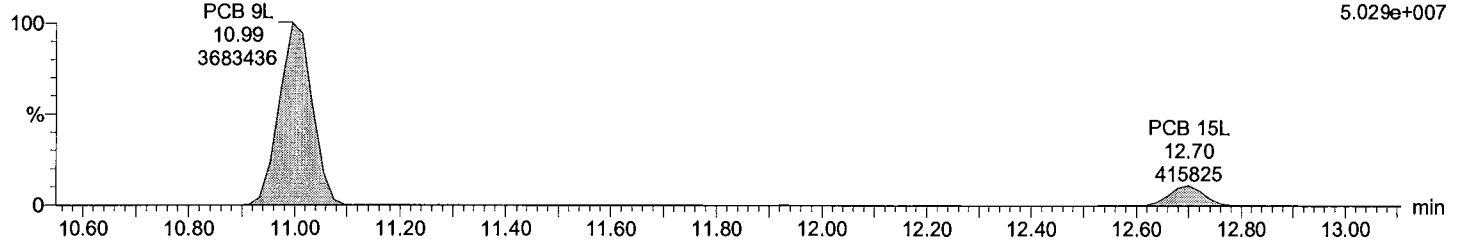
F2:Voltage SIR,EI+  
223.9974  
3.005e+005



Total DiCB labeled F2

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

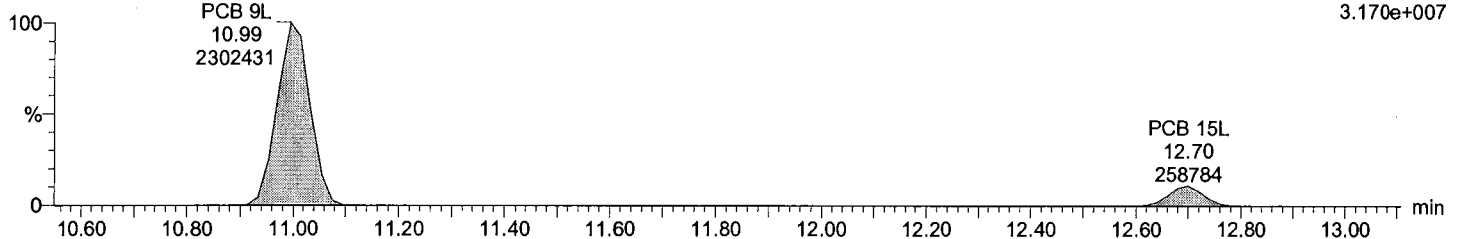
F2:Voltage SIR,EI+  
234.0406  
5.029e+007



Total DiCB labeled F2

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F2:Voltage SIR,EI+  
236.0376  
3.170e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

③

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

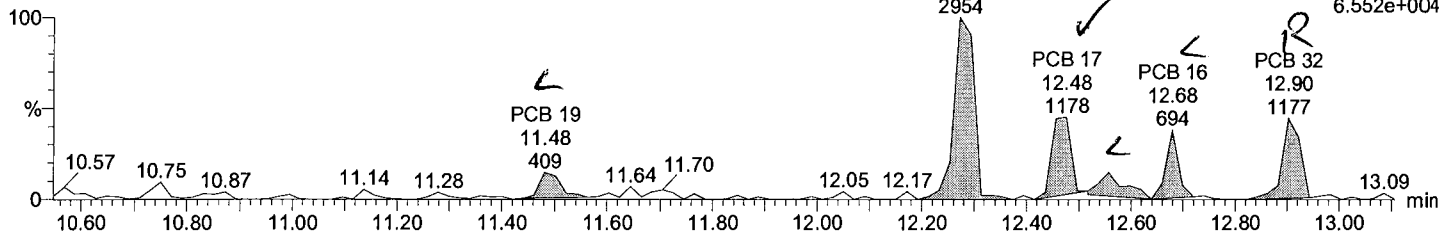
Instrument:

Total TriCB F2

M1170609A04  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F2:Voltage SIR,EI+  
255.9614  
6.552e+004

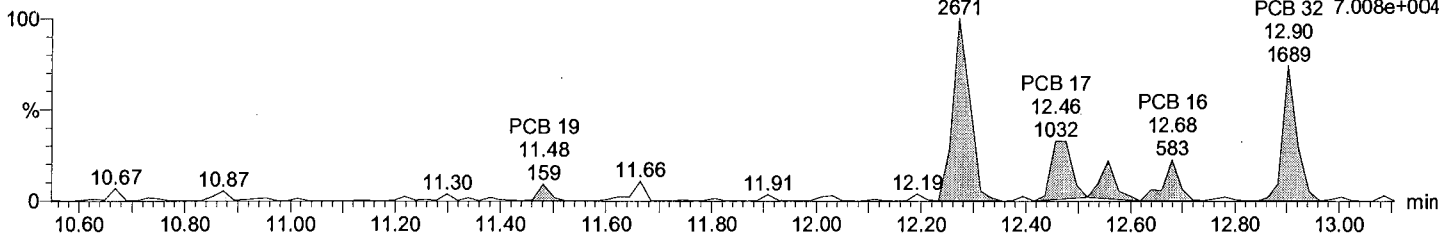
h=2.796E3



Total TriCB F2

M1170609A04  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

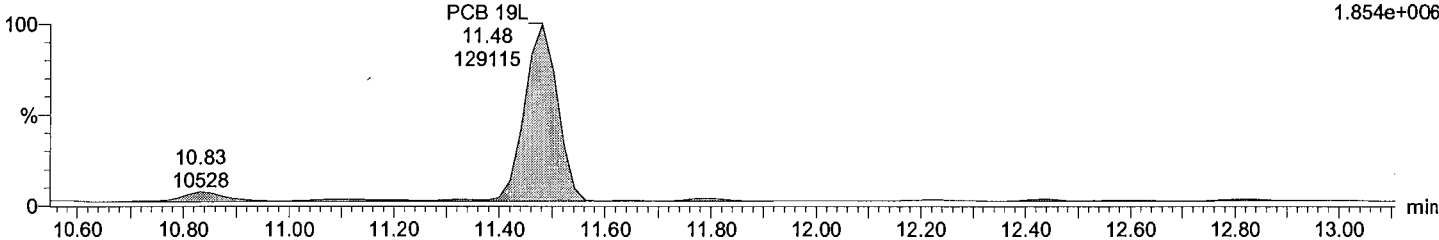
F2:Voltage SIR,EI+  
257.9584  
7.008e+004



Total TriCB labeled F2

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

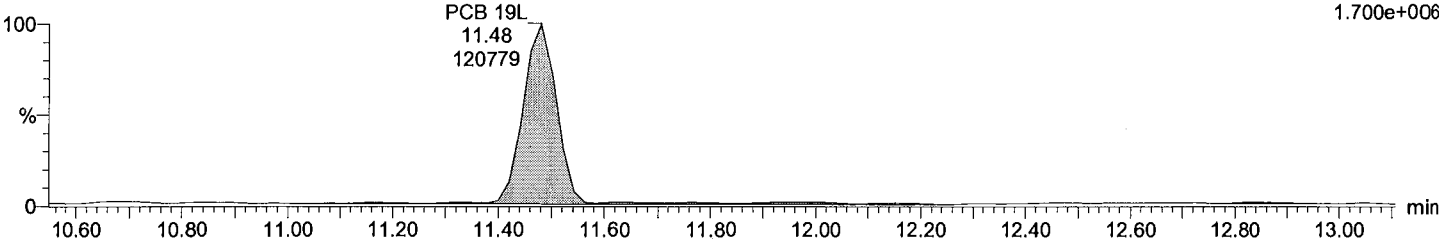
F2:Voltage SIR,EI+  
268.0016  
1.854e+006



Total TriCB labeled F2

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F2:Voltage SIR,EI+  
269.9986  
1.700e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

Instrument:

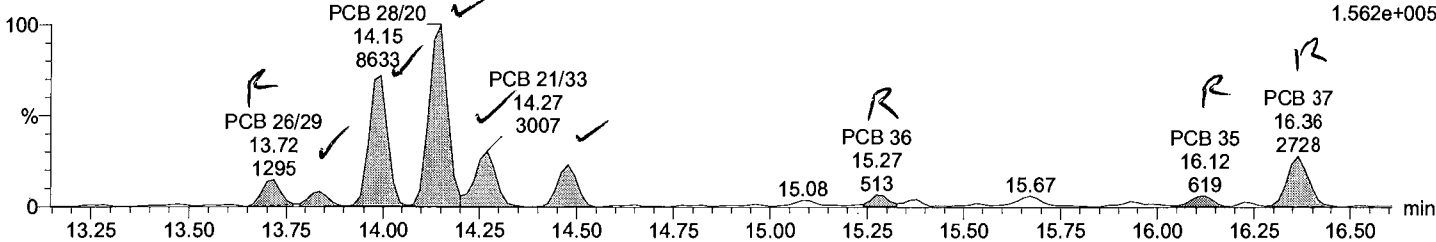
5

Total TriCB F3

M1170609A04 Smooth(SG,1x1)

EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

h=2.172E3  
F3:Voltage SIR,EI+  
255.9614  
1.562e+005

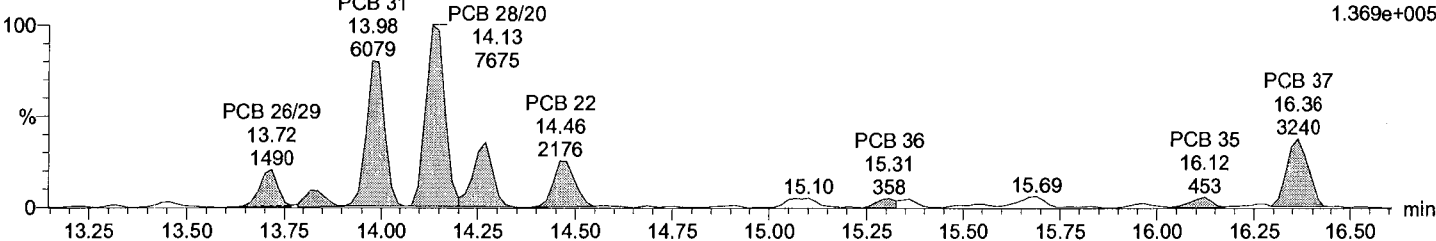


Total TriCB F3

M1170609A04 Smooth(SG,1x1)

EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F3:Voltage SIR,EI+  
257.9584  
1.369e+005

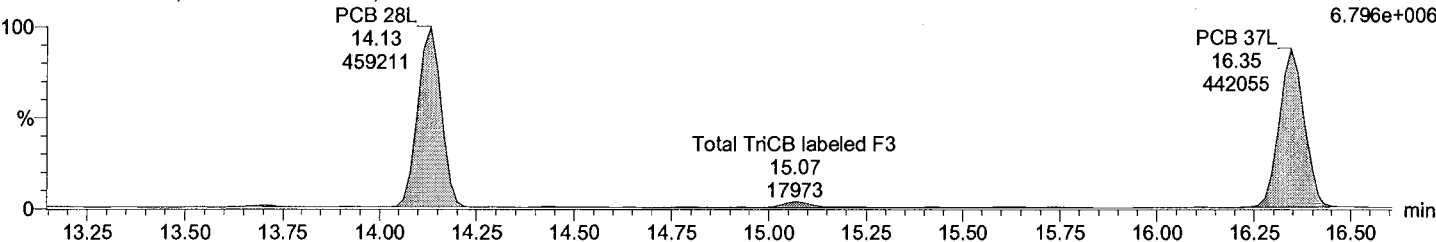


Total TriCB labeled F3

M1170609A04 Smooth(SG,3x1)

EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F3:Voltage SIR,EI+  
268.0016  
6.796e+006

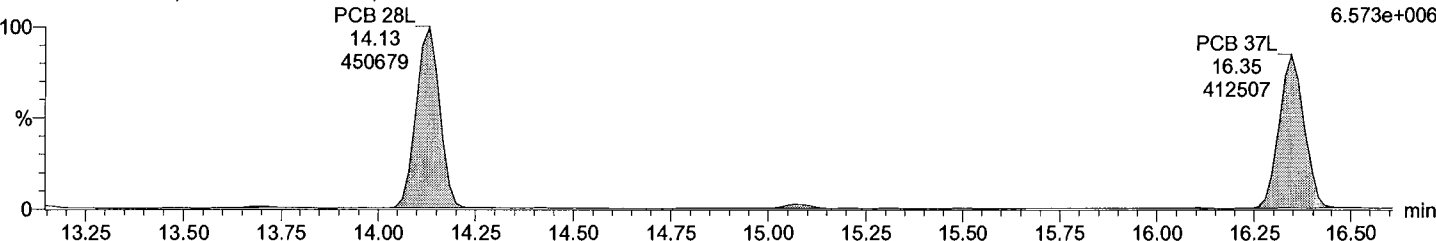


Total TriCB labeled F3

M1170609A04 Smooth(SG,3x1)

EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F3:Voltage SIR,EI+  
269.9986  
6.573e+006





Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

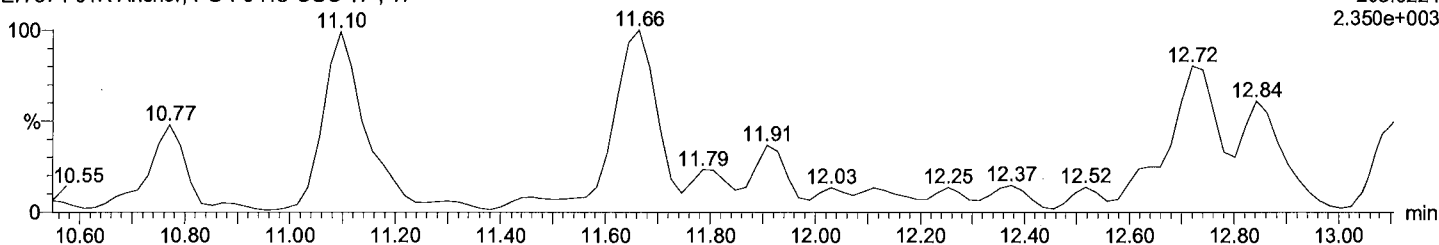
Description: EIY574-01R

Vial: 4  
Date: 09-Jun-2017  
Time: 13:12:49  
Instrument:

Total TeCB F2

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

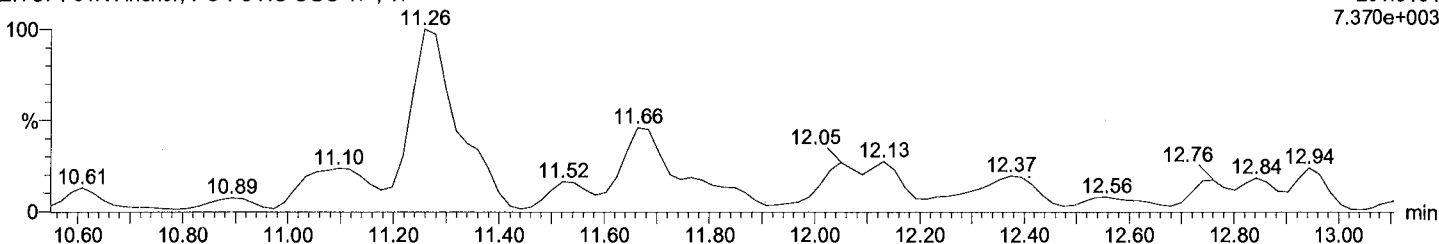
*n=235 E3*  
F2: Voltage SIR, EI+  
289.9224  
2.350e+003



Total TeCB F2

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

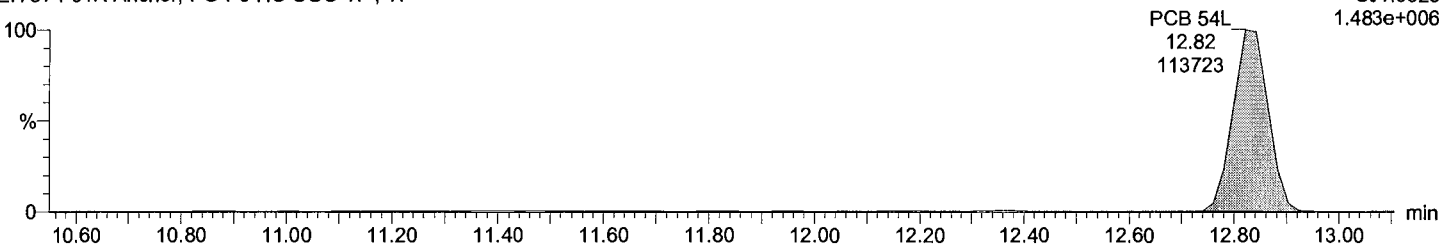
F2: Voltage SIR, EI+  
291.9194  
7.370e+003



Total TeCB labeled F2

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

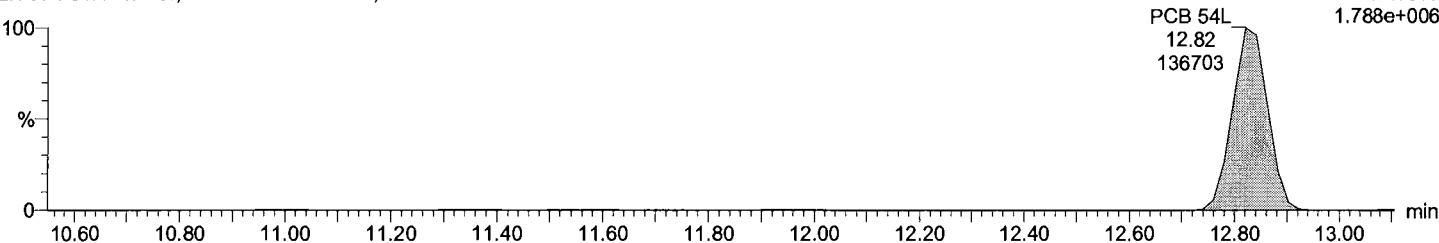
F2: Voltage SIR, EI+  
301.9626  
1.483e+006



Total TeCB labeled F2

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F2: Voltage SIR, EI+  
303.9597  
1.788e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

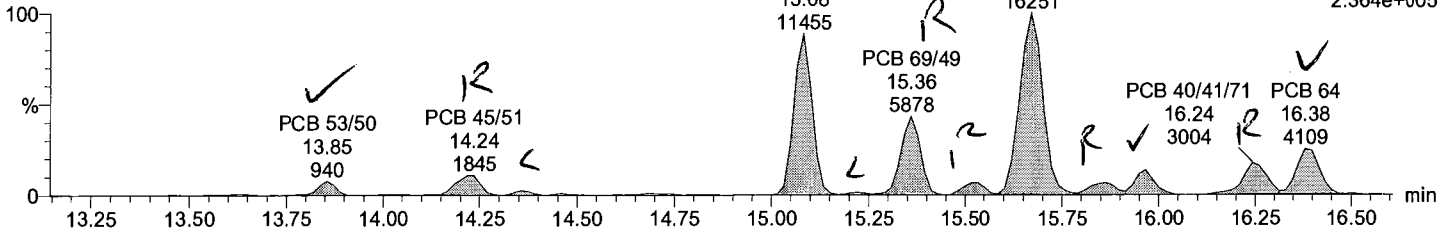
Instrument:

5

Total TeCB F3

M1170609A04 Smooth(SG,1x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

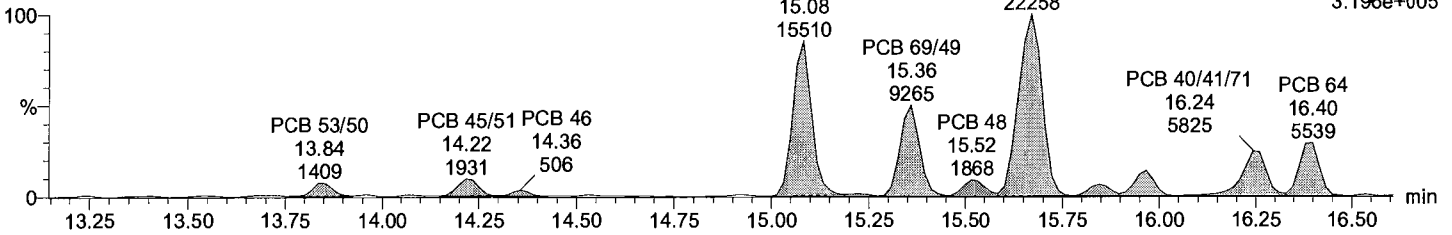
h=2.425E3  
F3:Voltage SIR,EI+  
289.9224  
2.364e+005



Total TeCB F3

M1170609A04 Smooth(SG,1x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

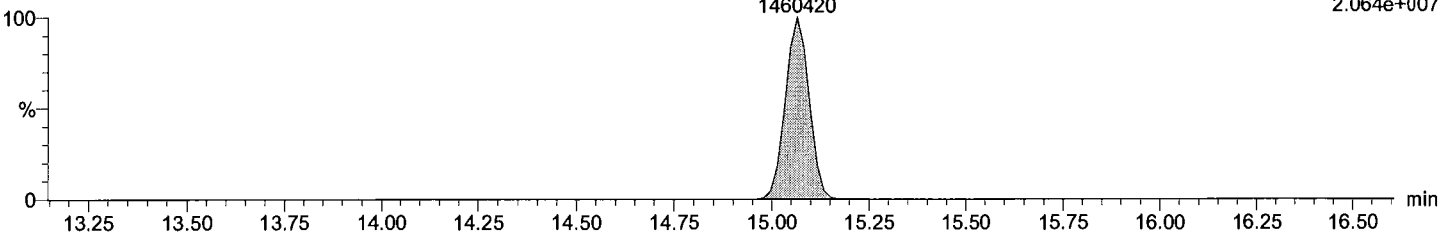
F3:Voltage SIR,EI+  
291.9194  
3.196e+005



Total TeCB labeled F3

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

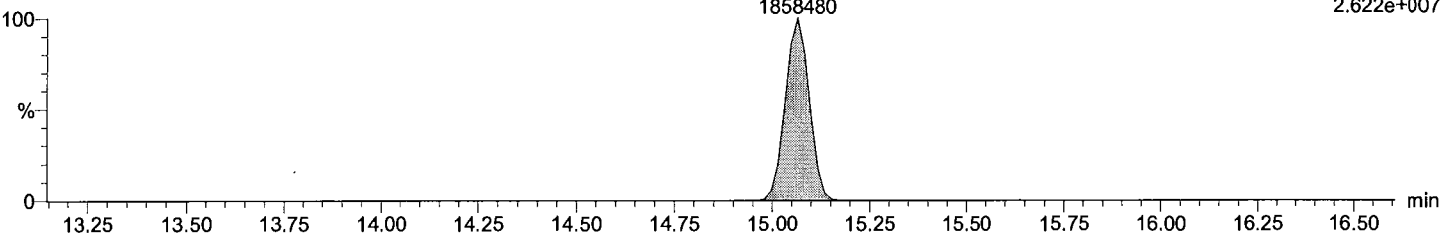
F3:Voltage SIR,EI+  
301.9626  
2.064e+007



Total TeCB labeled F3

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F3:Voltage SIR,EI+  
303.9597  
2.622e+007



Acquired Date

Dataset: C:\MassLyn\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

Instrument:

5

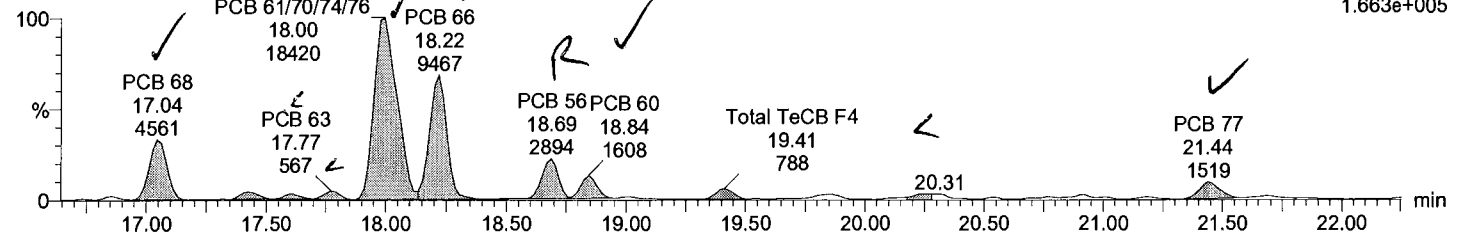
$h = 4.349E3$

Total TeCB F4

M1170609A04 Smooth(SG,3x1)

EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F4:Voltage SIR,EI+  
289.9224  
1.663e+005

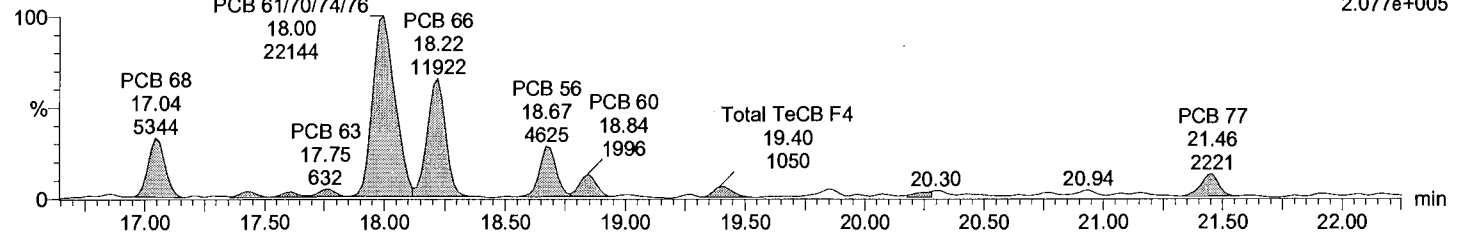


Total TeCB F4

M1170609A04 Smooth(SG,3x1)

EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F4:Voltage SIR,EI+  
291.9194  
2.077e+005

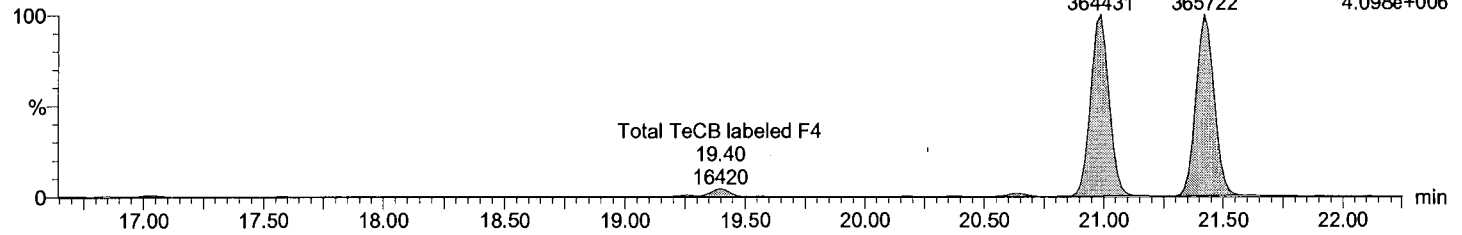


Total TeCB labeled F4

M1170609A04 Smooth(SG,3x1)

EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

PCB 81L 20.99 364431  
PCB 77L 21.42 365722  
F4:Voltage SIR,EI+  
301.9626  
4.098e+006

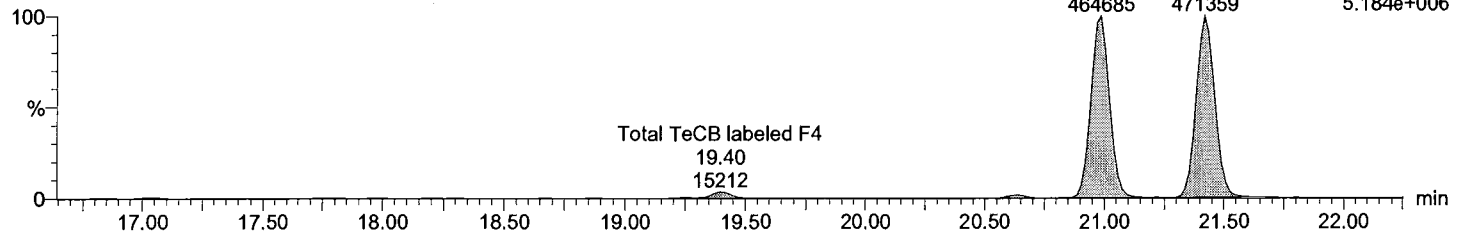


Total TeCB labeled F4

M1170609A04 Smooth(SG,3x1)

EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

PCB 81L 20.99 464685  
PCB 77L 21.42 471359  
F4:Voltage SIR,EI+  
303.9597  
5.184e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

Instrument:

Ø

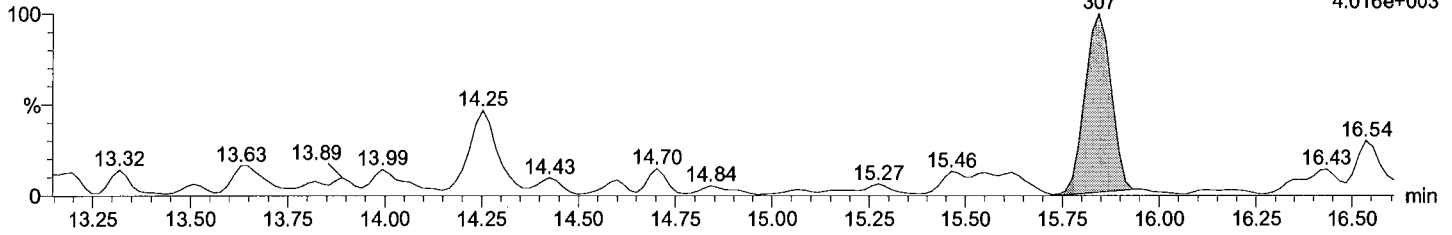
h=5.903E2

Total PeCB F3

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

PCB 96  
15.84  
307

F3:Voltage SIR,EI+  
325.8805  
4.016e+003

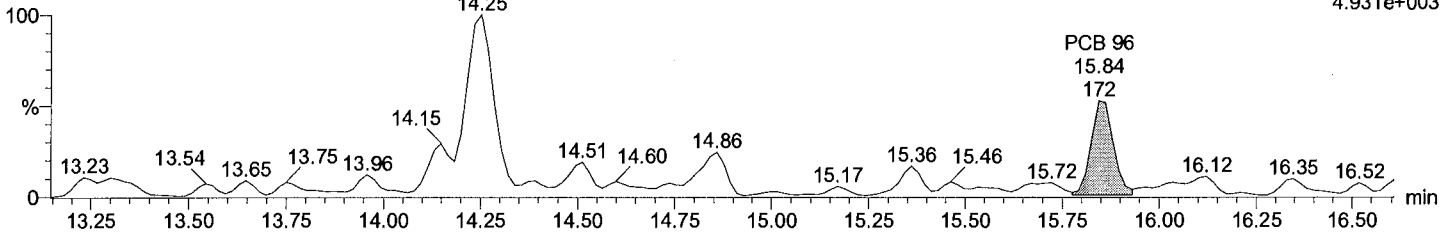


Total PeCB F3

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

PCB 96  
15.84  
172

F3:Voltage SIR,EI+  
327.8775  
4.931e+003

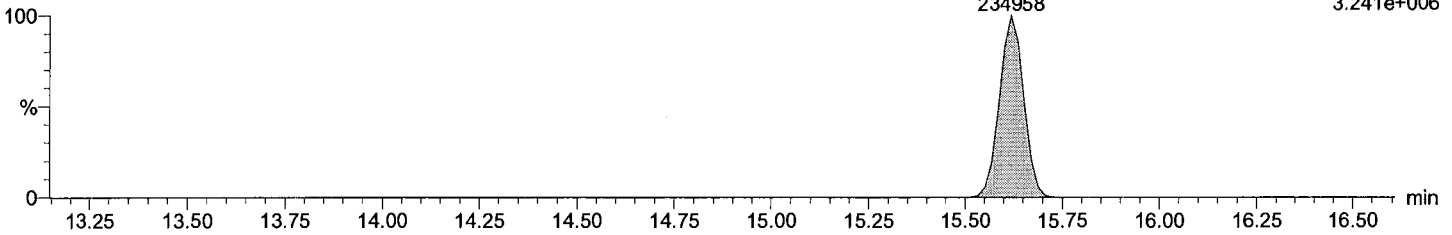


Total PeCB labeled F3

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

PCB 104L  
15.62  
234958

F3:Voltage SIR,EI+  
337.9207  
3.241e+006

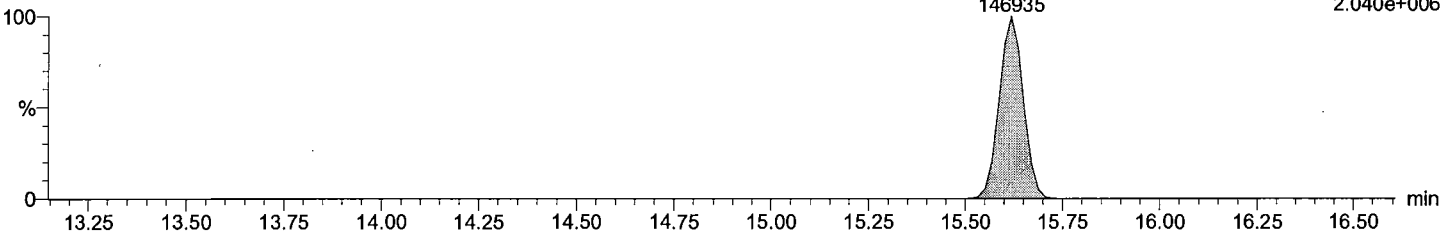


Total PeCB labeled F3

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

PCB 104L  
15.62  
146935

F3:Voltage SIR,EI+  
339.9178  
2.040e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

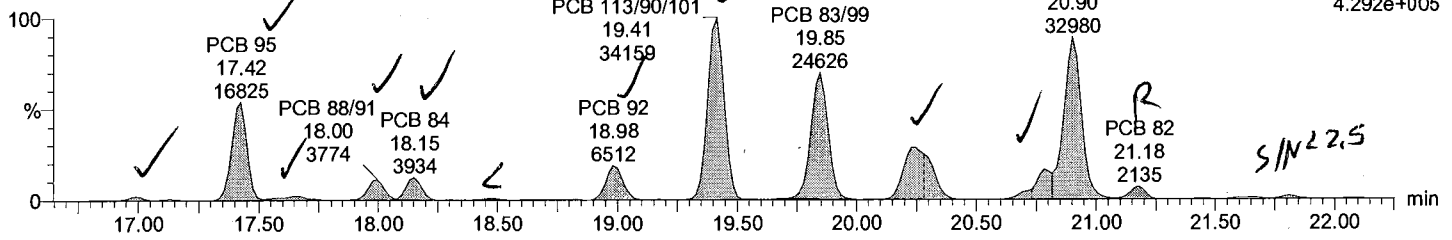
Instrument:



Total PeCB F4

M1170609A04 Smooth(SG,2x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

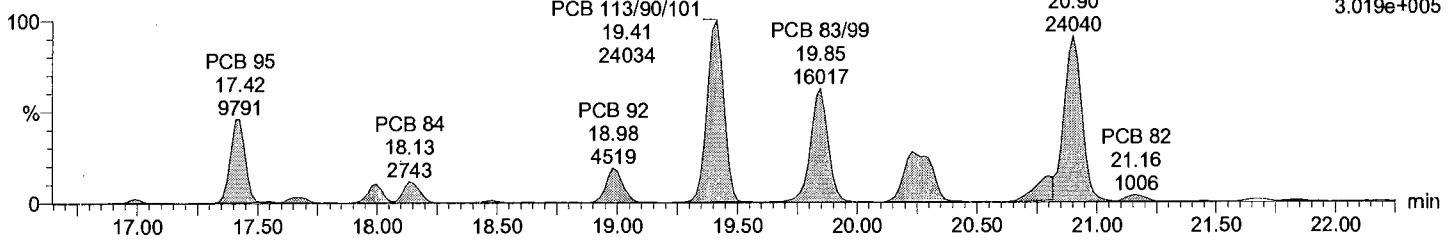
$h=1.473E3$   
F4:Voltage SIR,EI+  
325.8805  
4.292e+005



Total PeCB F4

M1170609A04 Smooth(SG,2x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

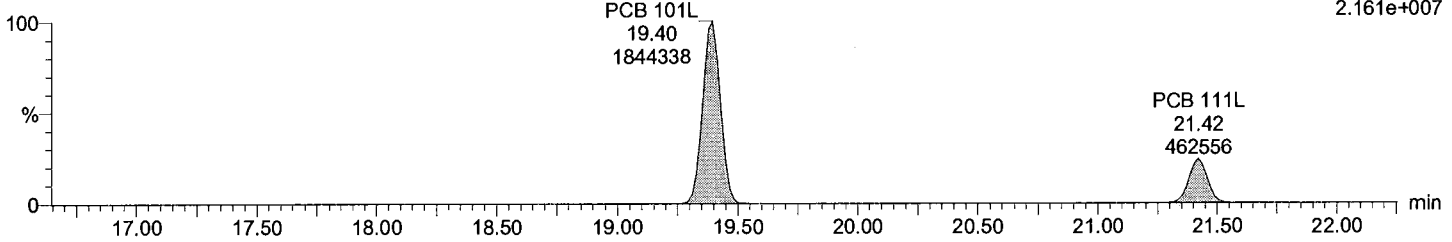
F4:Voltage SIR,EI+  
327.8775  
3.019e+005



Total PeCB labeled F4

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

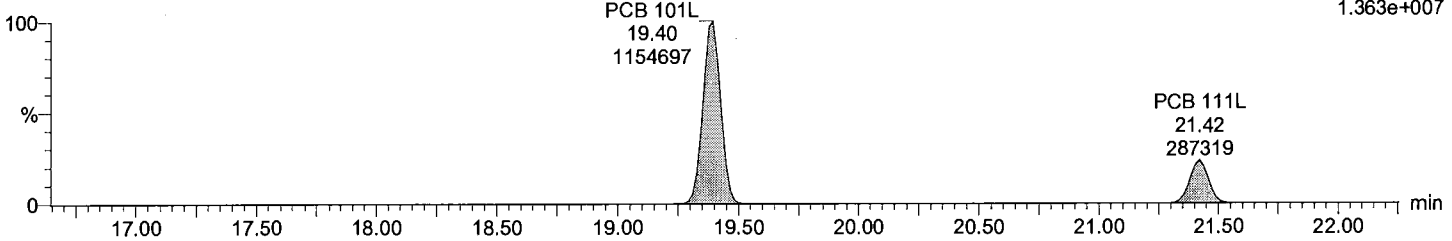
F4:Voltage SIR,EI+  
337.9207  
2.161e+007



Total PeCB labeled F4

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F4:Voltage SIR,EI+  
339.9178  
1.363e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

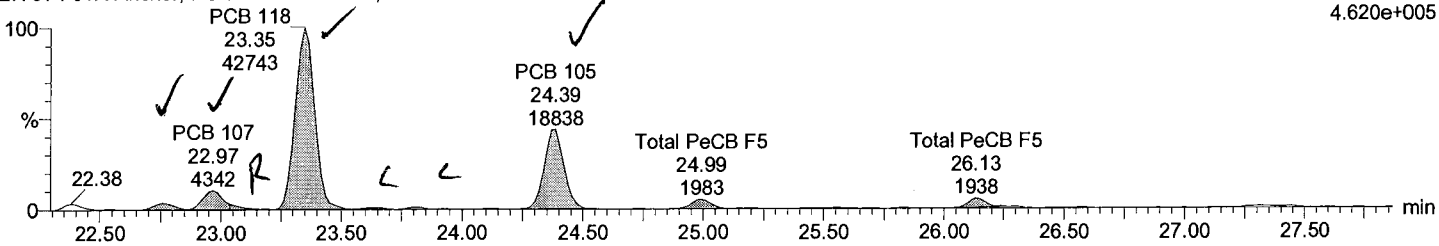
Instrument:

④

Total PeCB F5

M1170609A04 Smooth(SG,2x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

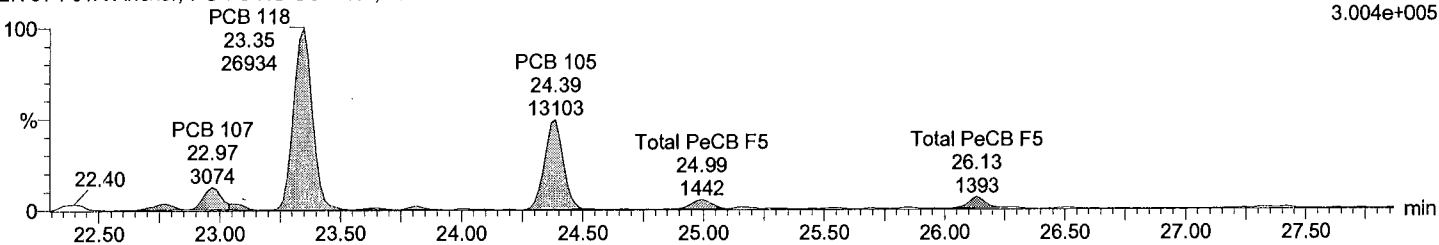
$h=1.978E3$   
F5:Voltage SIR,EI+  
325.8805  
4.620e+005



Total PeCB F5

M1170609A04 Smooth(SG,2x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

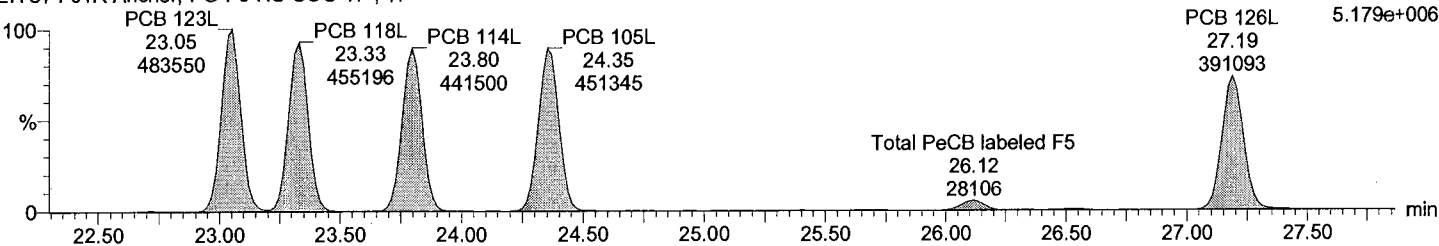
F5:Voltage SIR,EI+  
327.8775  
3.004e+005



Total PeCB labeled F5

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

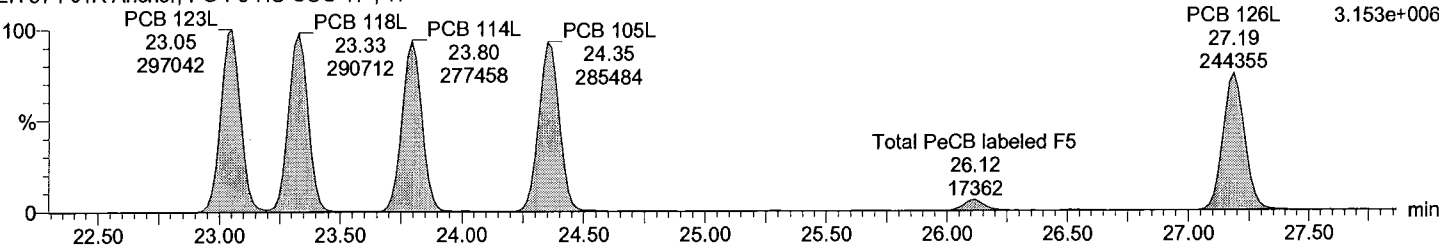
F5:Voltage SIR,EI+  
337.9207  
5.179e+006



Total PeCB labeled F5

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F5:Voltage SIR,EI+  
339.9178  
3.153e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

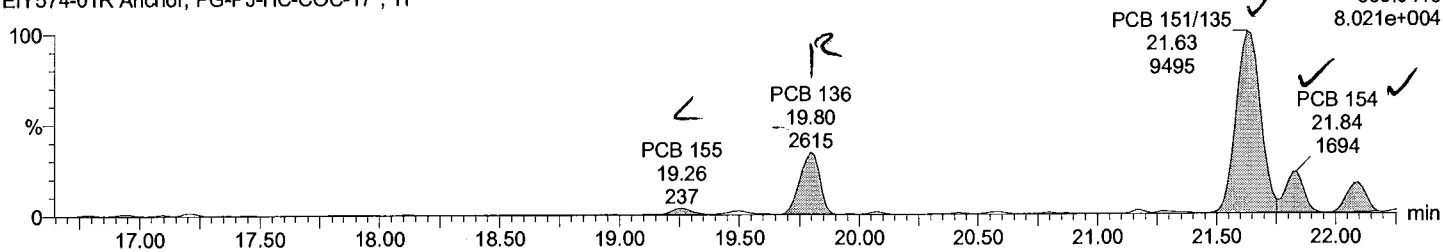
Time: 13:12:49

Instrument:

3

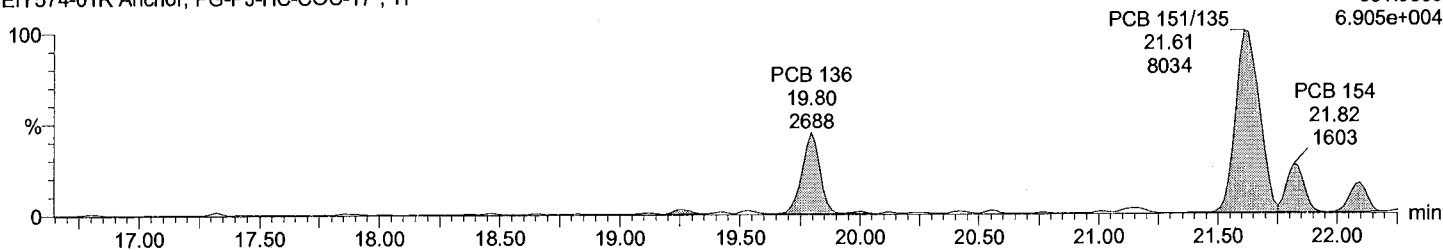
Total HxCB F4

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI



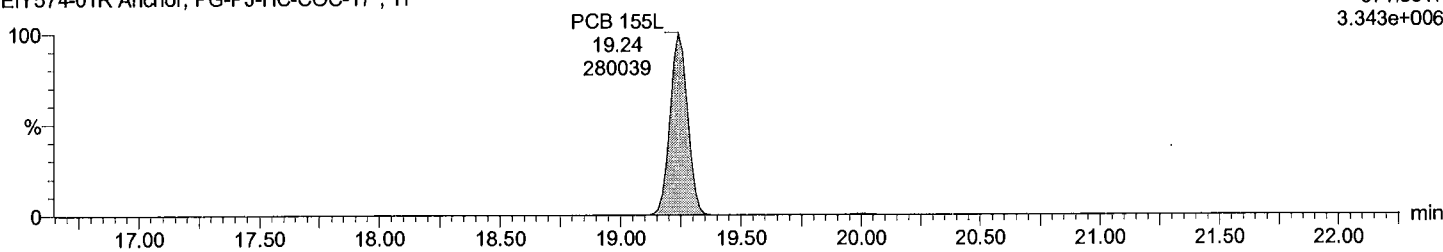
Total HxCB F4

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI



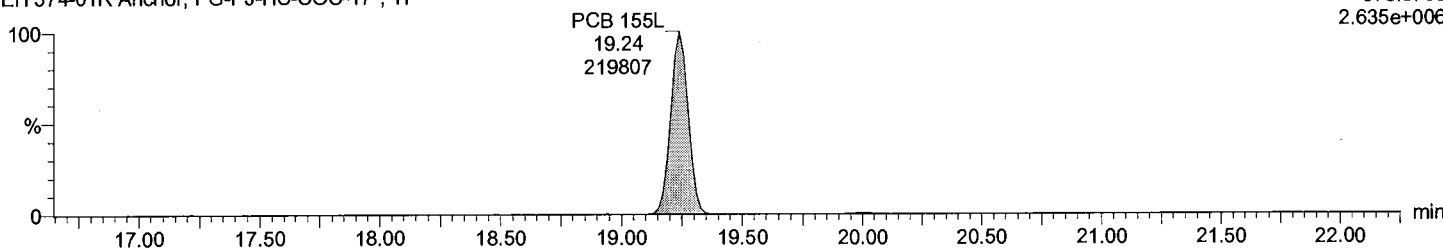
Total HxCB labeled F4

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI



Total HxCB labeled F4

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

Instrument:

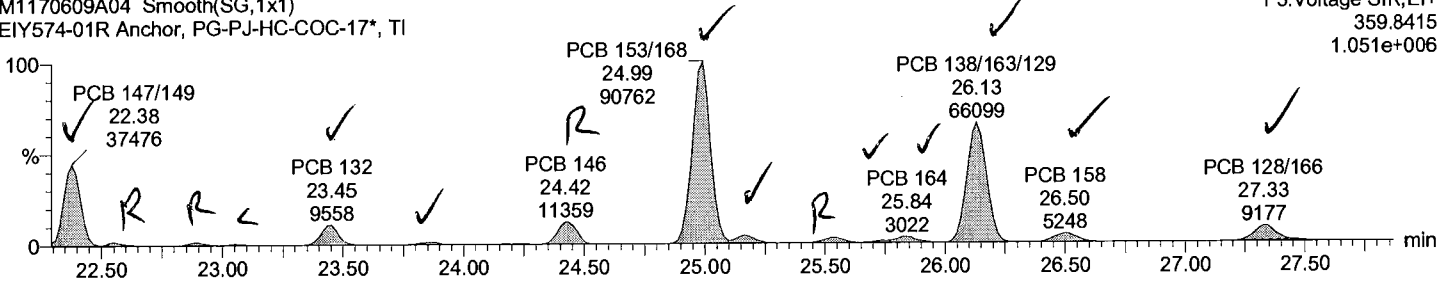
10

h=2.157E3

Total HxCB F5

M1170609A04 Smooth(SG,1x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

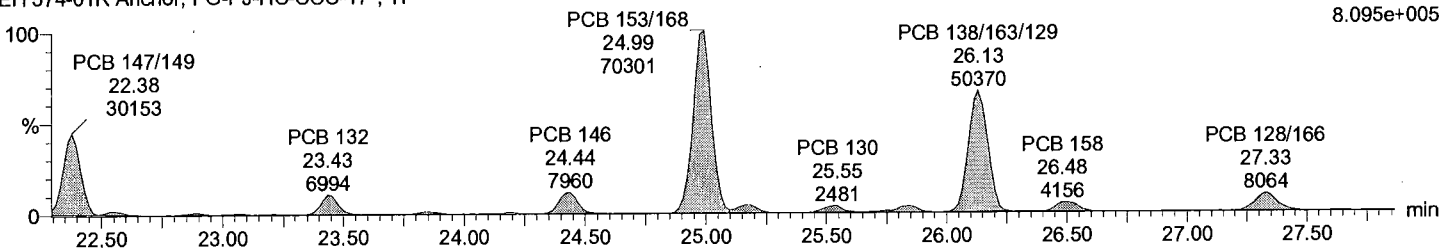
F5:Voltage SIR,EI+  
359.8415  
1.051e+006



Total HxCB F5

M1170609A04 Smooth(SG,1x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

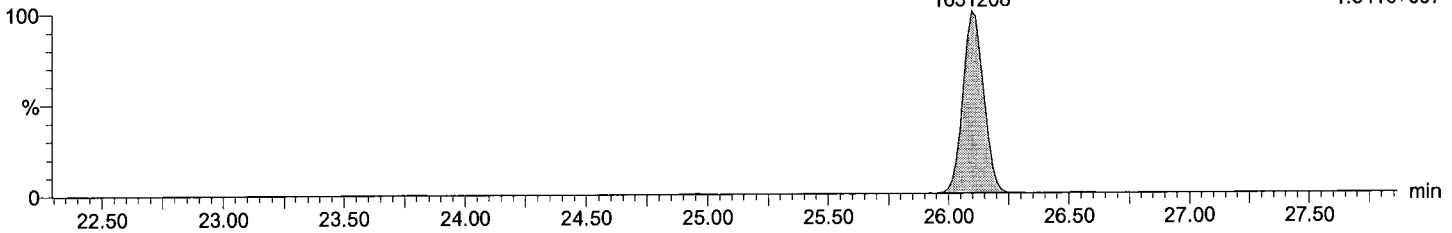
F5:Voltage SIR,EI+  
361.8385  
8.095e+005



Total HxCB labeled F5

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

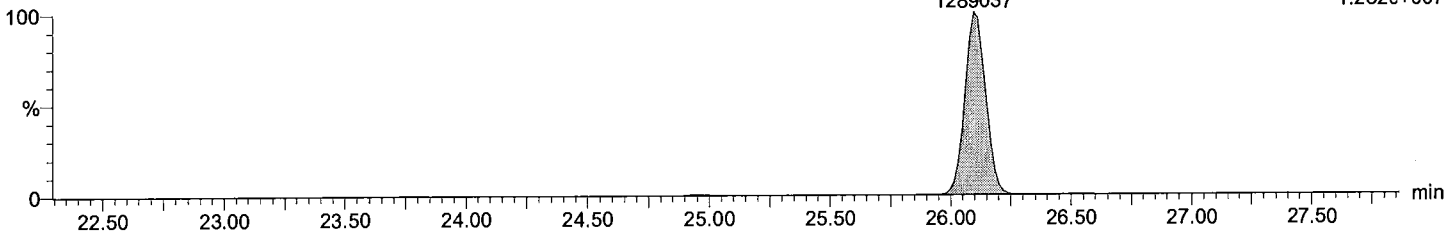
F5:Voltage SIR,EI+  
371.8817  
1.641e+007



Total HxCB labeled F5

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F5:Voltage SIR,EI+  
373.8788  
1.282e+007





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

Instrument:

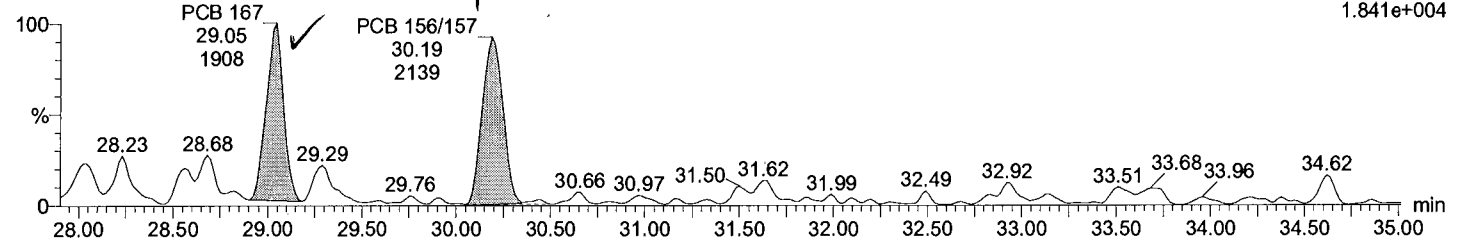
①

$h = 1,408E3$

Total HxCB F6

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

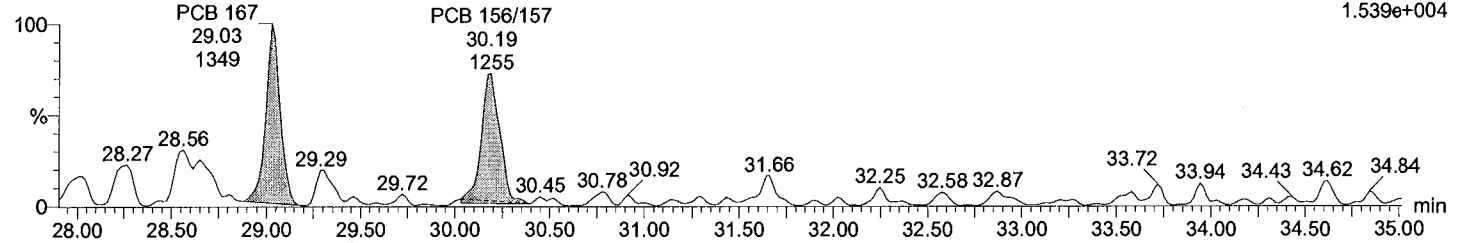
F6:Voltage SIR,EI+  
359.8415  
1.841e+004



Total HxCB F6

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

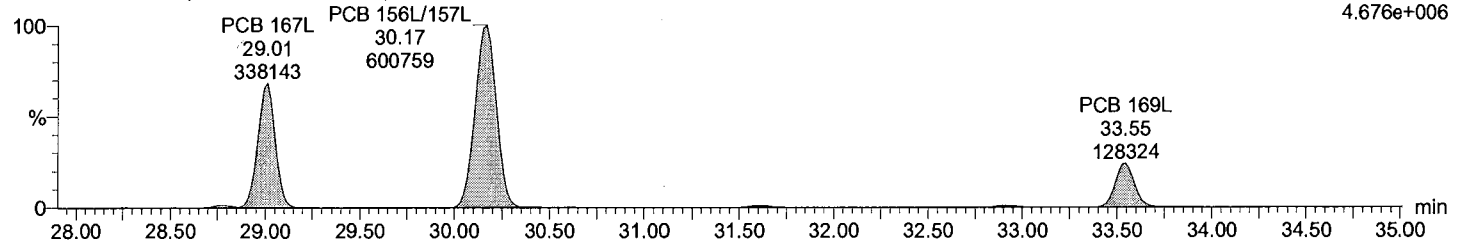
F6:Voltage SIR,EI+  
361.8385  
1.539e+004



Total HxCB labeled F6

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

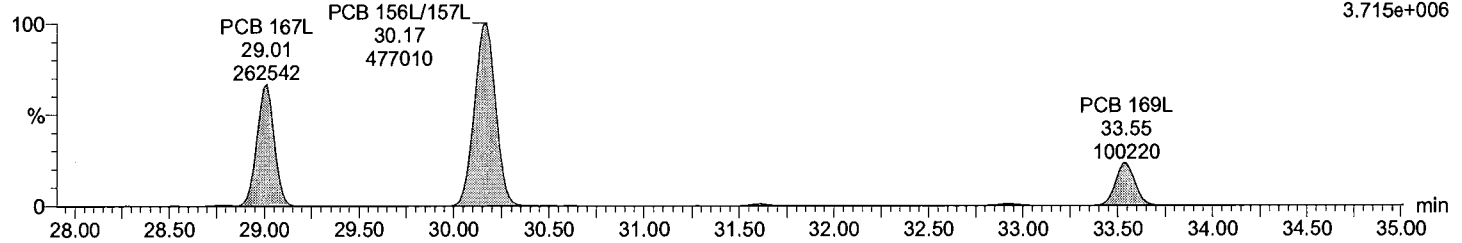
F6:Voltage SIR,EI+  
371.8817  
4.676e+006



Total HxCB labeled F6

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F6:Voltage SIR,EI+  
373.8788  
3.715e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

Instrument:

3

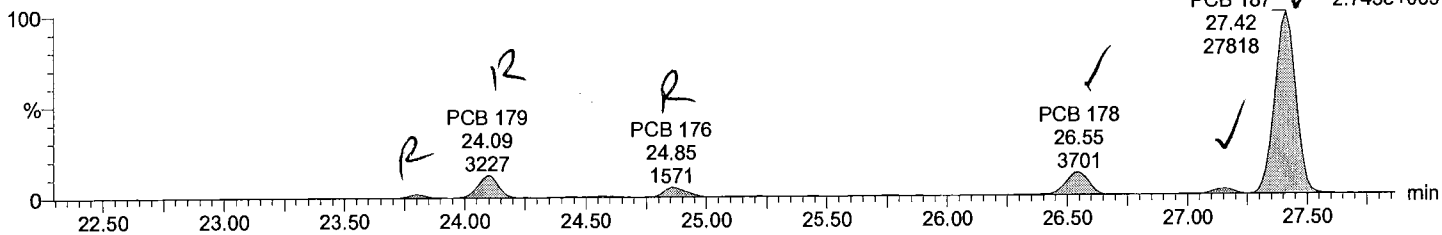
Total HpCB F5

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

$h=1.118E3$

F5:Voltage SIR,EI+  
393.8025

PCB 187 ✓  
27.42  
27818

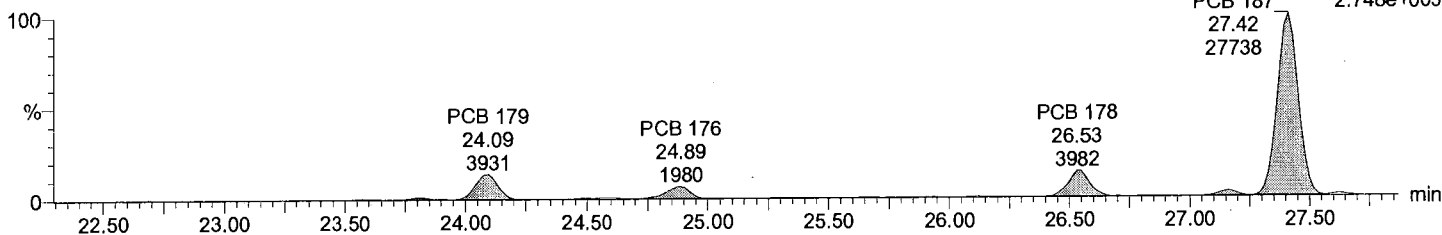


Total HpCB F5

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F5:Voltage SIR,EI+  
395.7995

PCB 187 ✓  
27.42  
27738



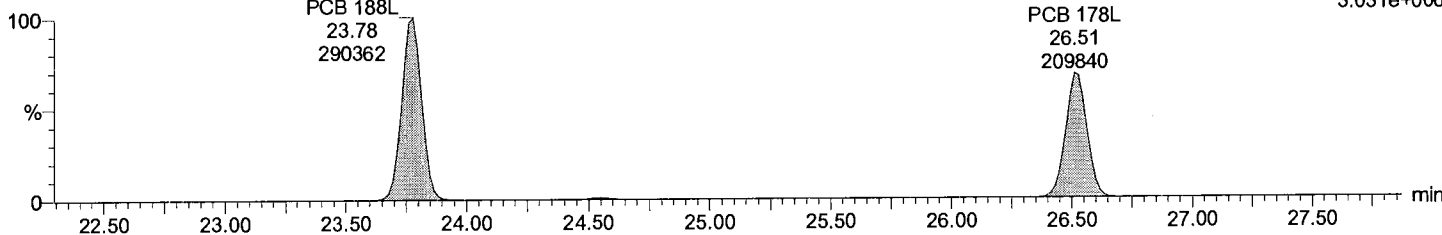
Total HpCB labeled F5

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F5:Voltage SIR,EI+  
405.8428  
3.031e+006

PCB 188L  
23.78  
290362

PCB 178L  
26.51  
209840



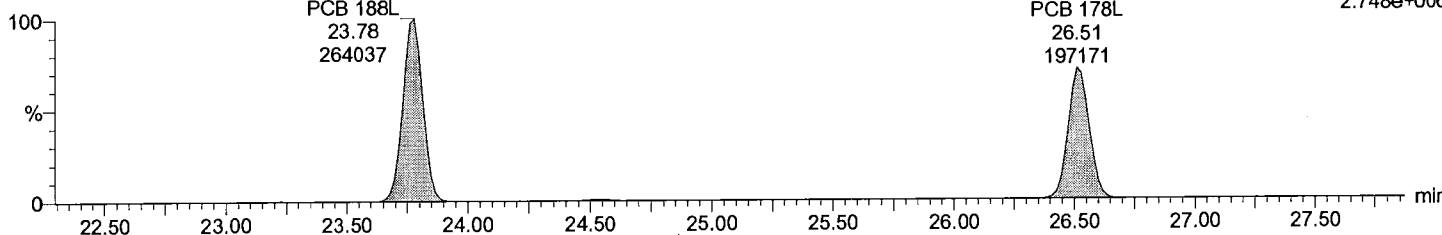
Total HpCB labeled F5

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F5:Voltage SIR,EI+  
407.8398  
2.748e+006

PCB 188L  
23.78  
264037

PCB 178L  
26.51  
197171



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

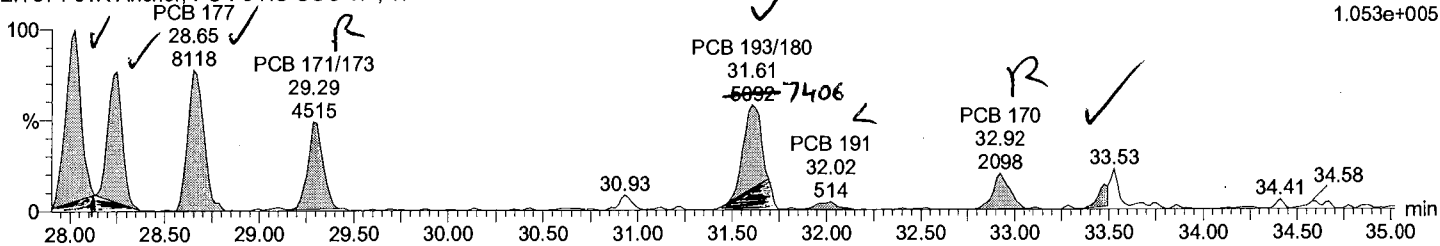
Instrument:

5

Total HpCB F6

M1170609A04 Smooth(SG,1x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

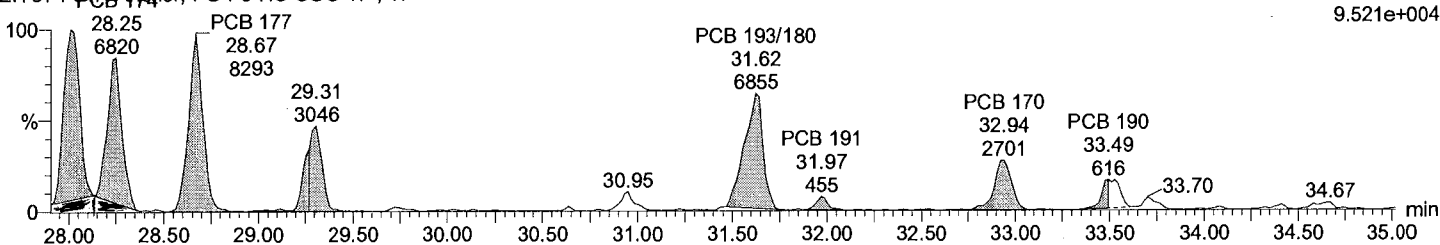
$h=1.993E3$   
F6:Voltage SIR,EI+  
393.8025  
1.053e+005



Total HpCB F6

M1170609A04 Smooth(SG,1x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

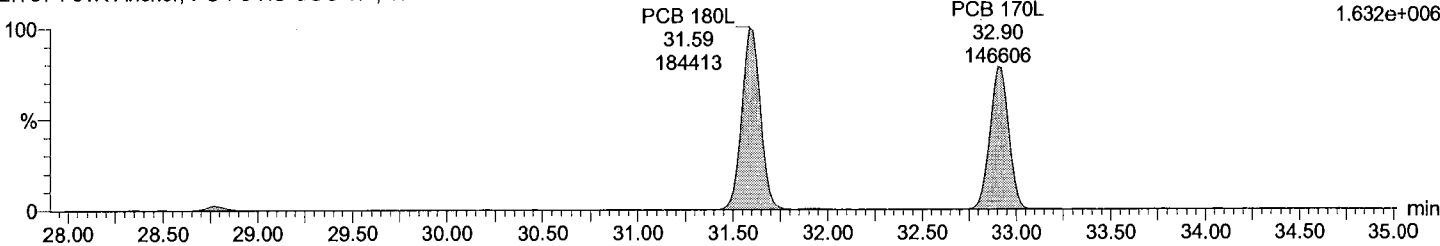
F6:Voltage SIR,EI+  
395.7995  
9.521e+004



Total HpCB labeled F6

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

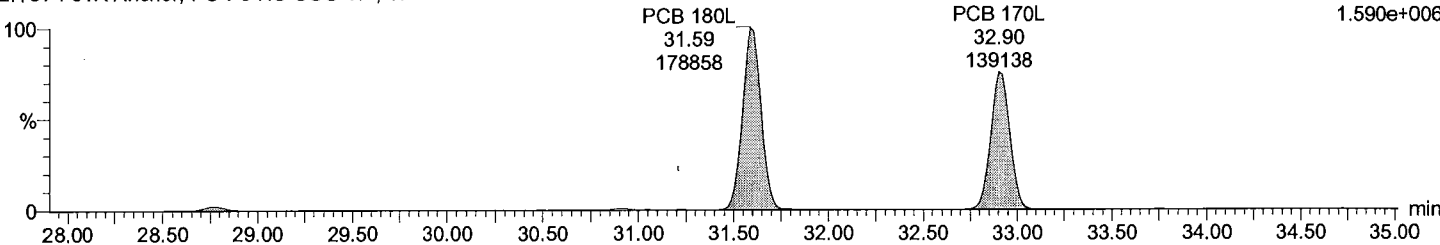
F6:Voltage SIR,EI+  
405.8428  
1.632e+006



Total HpCB labeled F6

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F6:Voltage SIR,EI+  
407.8398  
1.590e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

Instrument:

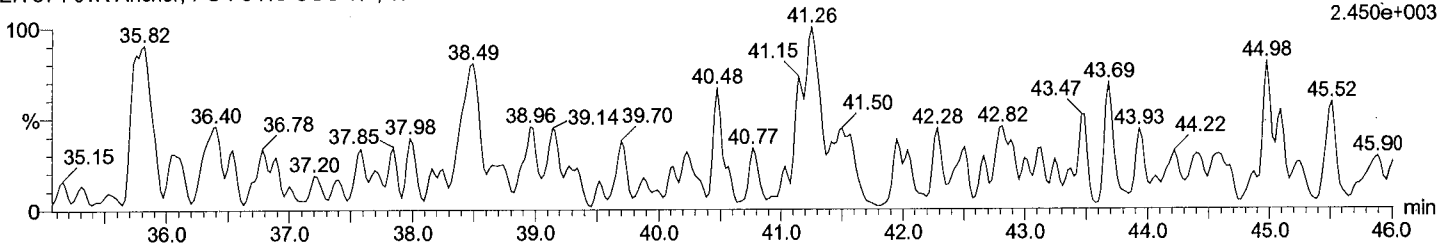
*φ*

*h=2.45 E3*

Total HpCB F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

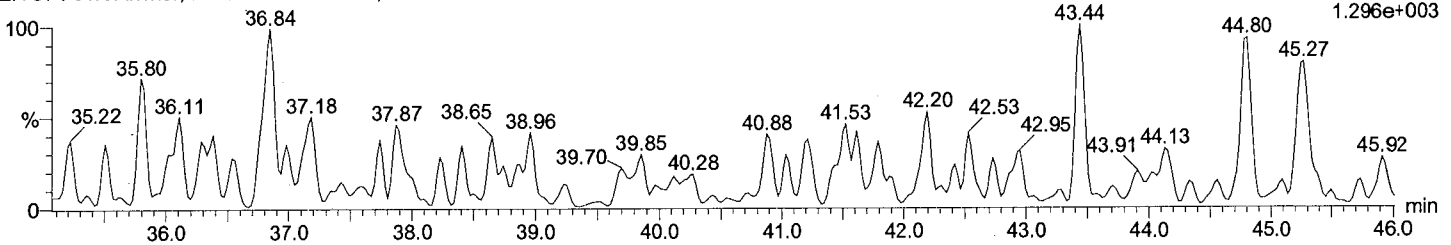
F7:Voltage SIR,EI+  
393.8025  
2.450e+003



Total HpCB F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

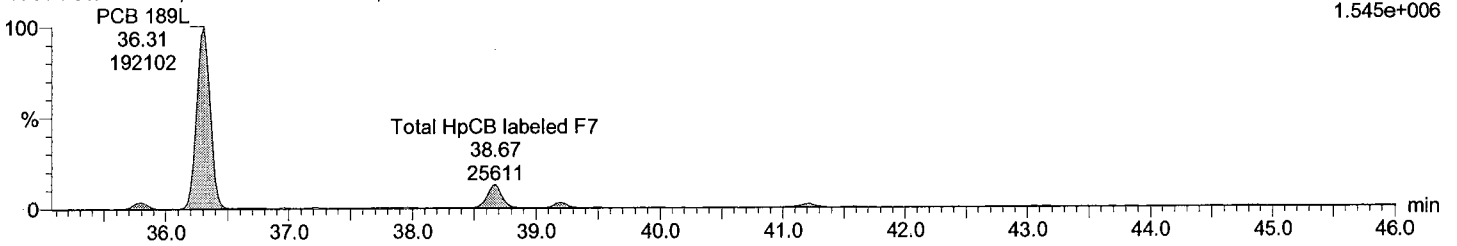
F7:Voltage SIR,EI+  
395.7996  
1.296e+003



Total HpCB labeled F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

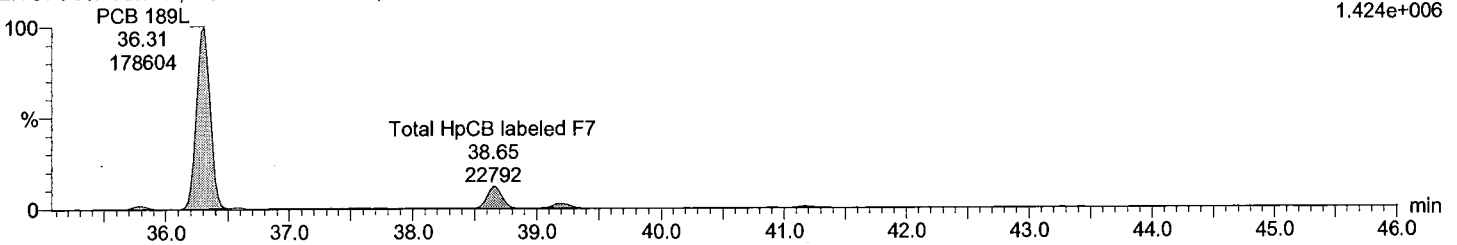
F7:Voltage SIR,EI+  
405.8428  
1.545e+006



Total HpCB labeled F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F7:Voltage SIR,EI+  
407.8398  
1.424e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

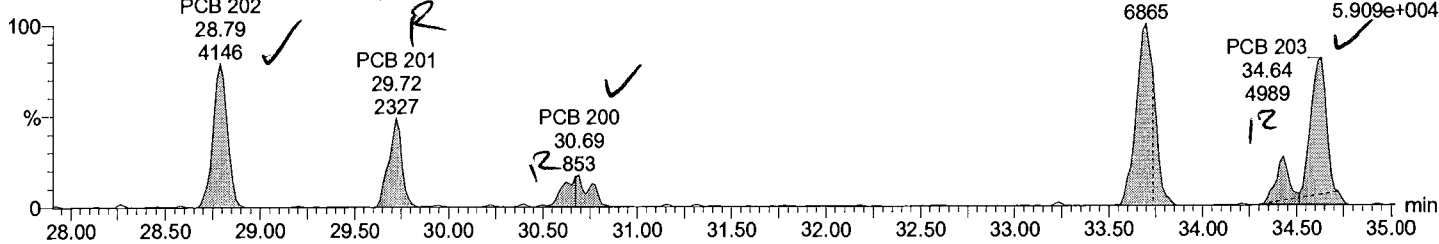
Time: 13:12:49

Instrument:

3

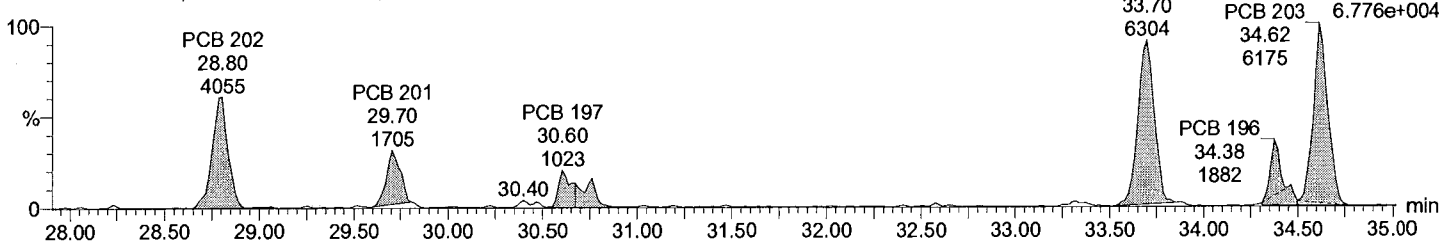
Total OcCB F6

M1170609A04 Smooth(SG,1x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI



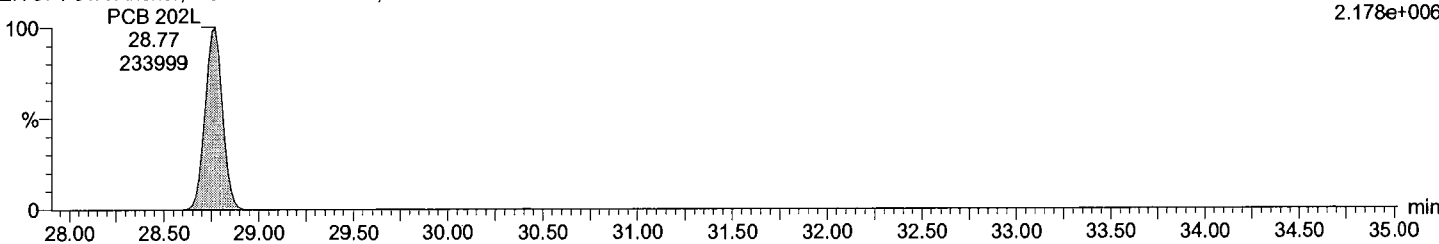
Total OcCB F6

M1170609A04 Smooth(SG,1x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI



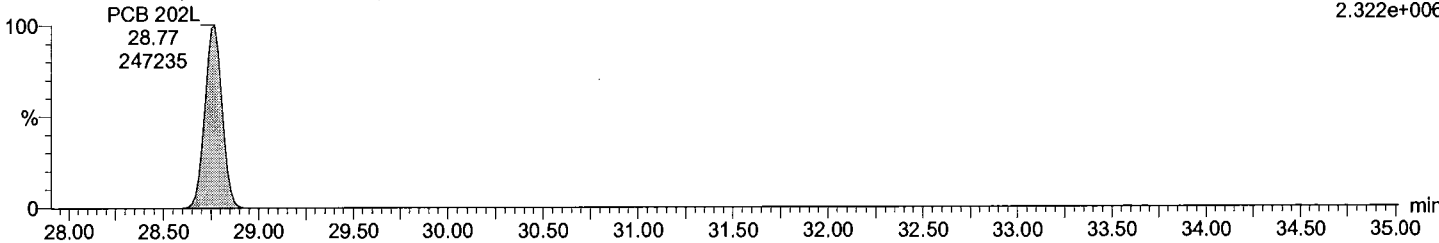
Total OcCB labeled F6

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI



Total OcCB labeled F6

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

Instrument:

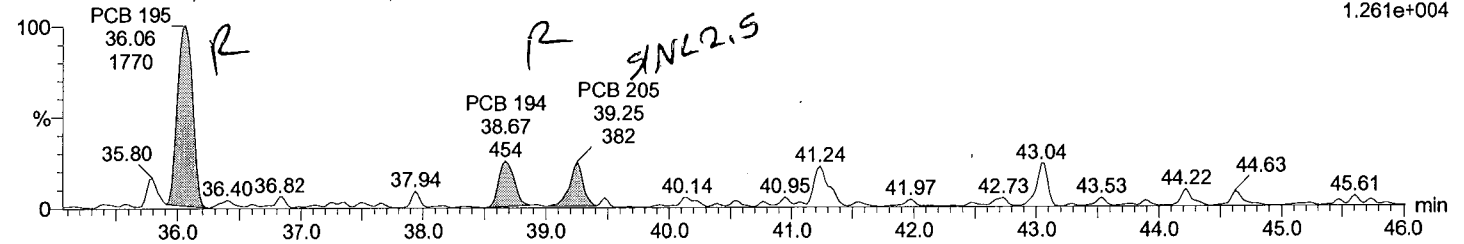
φ

h=1.133E3

Total OcCB F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

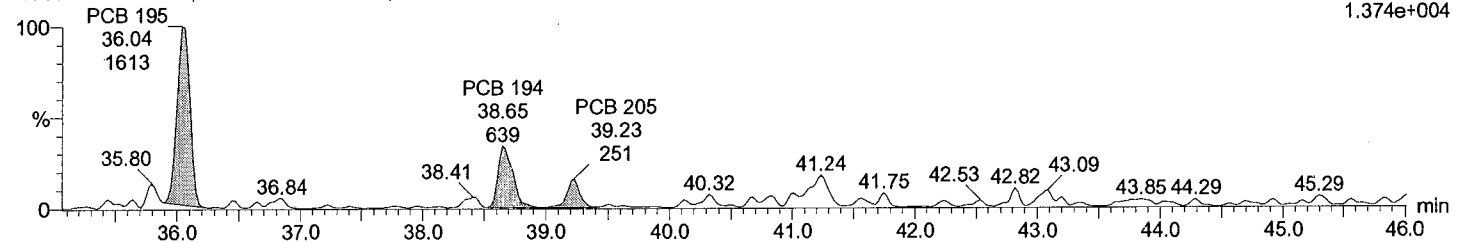
F7:Voltage SIR,EI+  
427.7635  
1.261e+004



Total OcCB F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

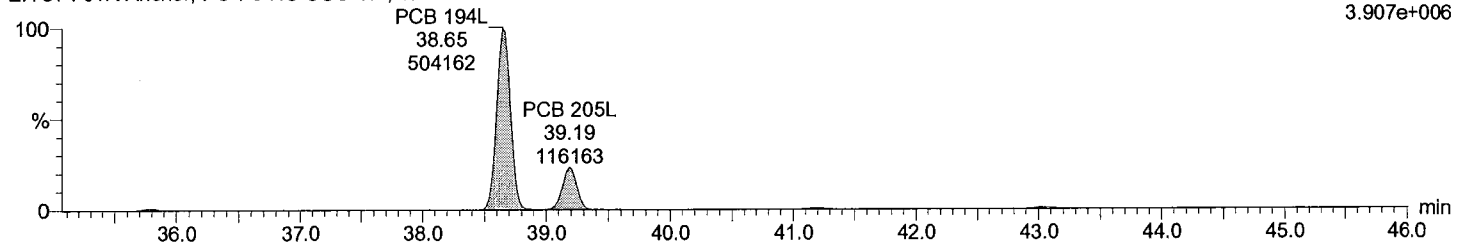
F7:Voltage SIR,EI+  
429.7606  
1.374e+004



Total OcCB labeled F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

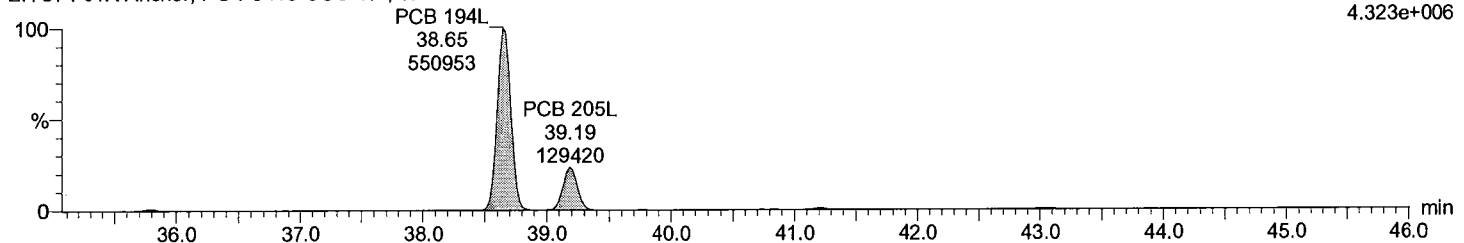
F7:Voltage SIR,EI+  
439.8038  
3.907e+006



Total OcCB labeled F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F7:Voltage SIR,EI+  
441.8008  
4.323e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

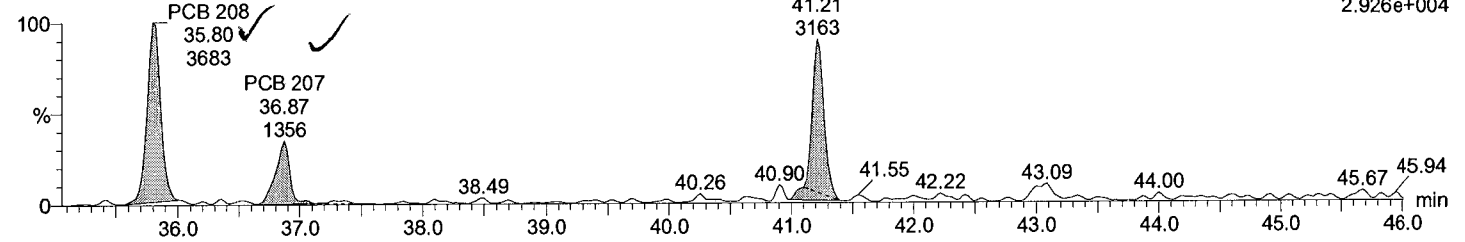
Instrument:

*h = 1.577E3*

Total NoCB F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

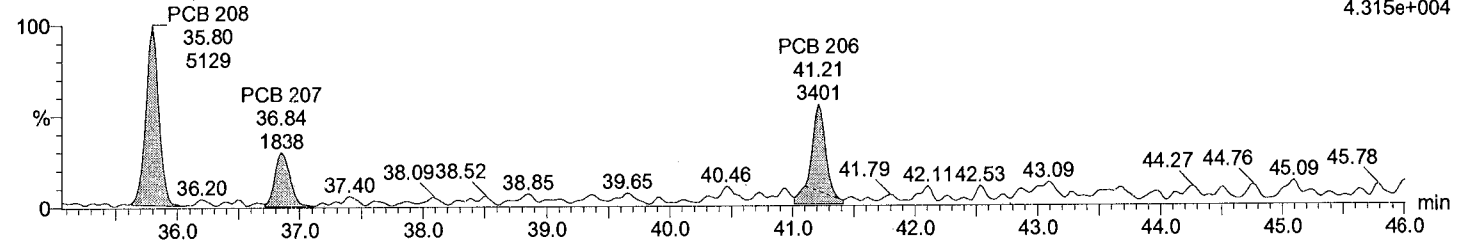
F7:Voltage SIR,EI+  
461.7246  
2.926e+004



Total NoCB F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

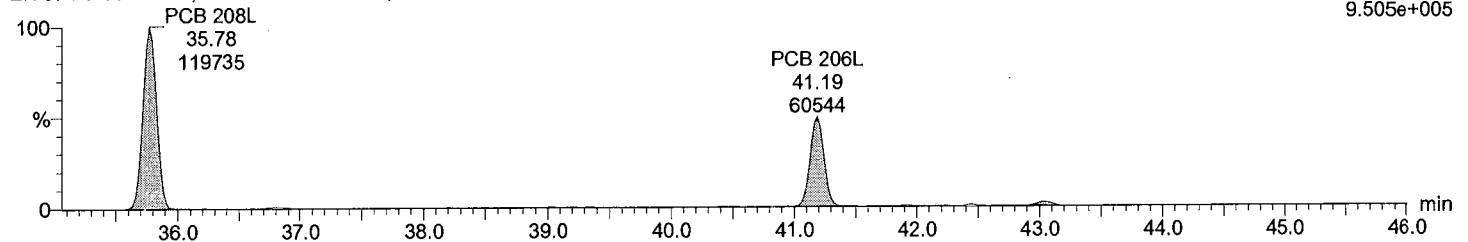
F7:Voltage SIR,EI+  
463.7216  
4.315e+004



Total NoCB labeled F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

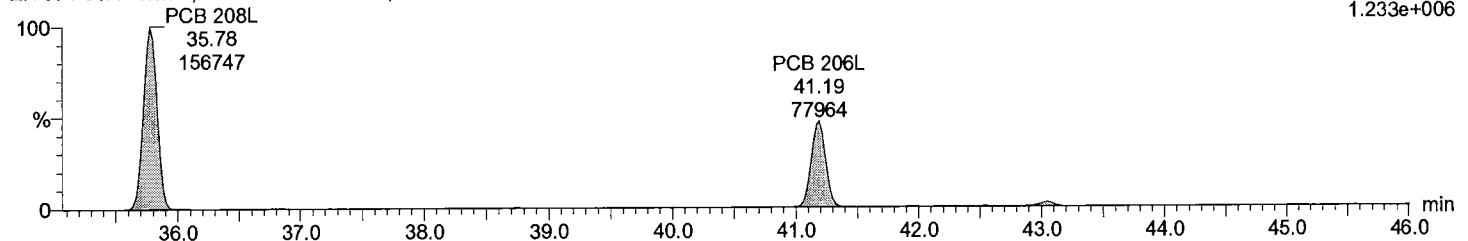
F7:Voltage SIR,EI+  
473.7648  
9.505e+005



Total NoCB labeled F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

F7:Voltage SIR,EI+  
475.7619  
1.233e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

Instrument:

①

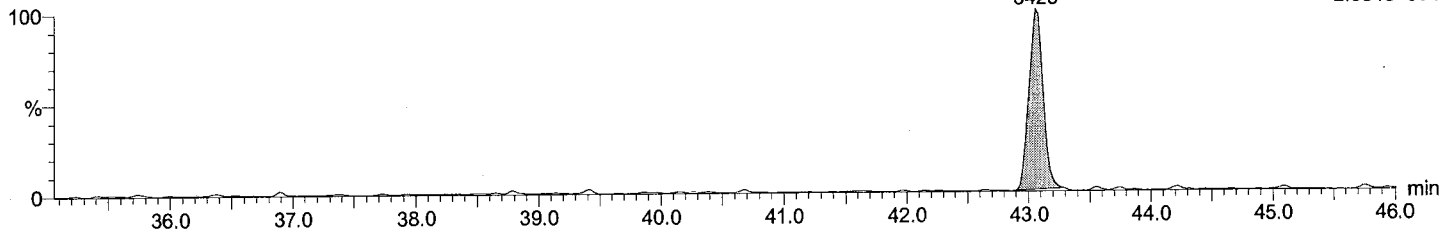
$n = 6.586E2$

Total DeCB F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

PCB 209  
43.06  
3425

F7:Voltage SIR,EI+  
497.6826  
2.584e+004

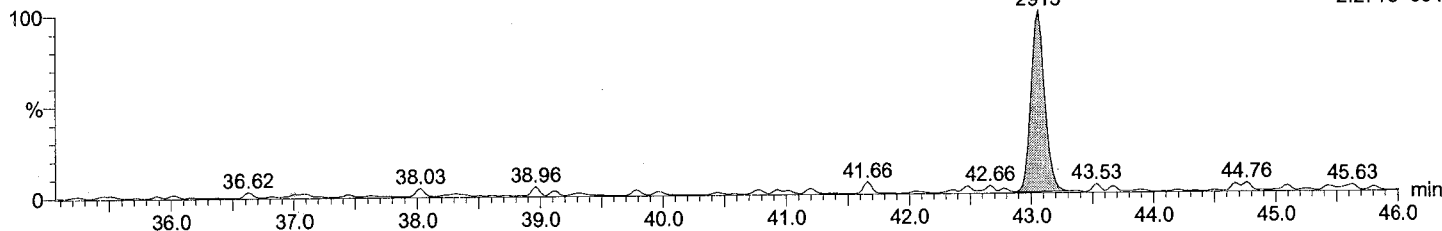


Total DeCB F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

PCB 209  
43.06  
2913

F7:Voltage SIR,EI+  
499.6797  
2.271e+004

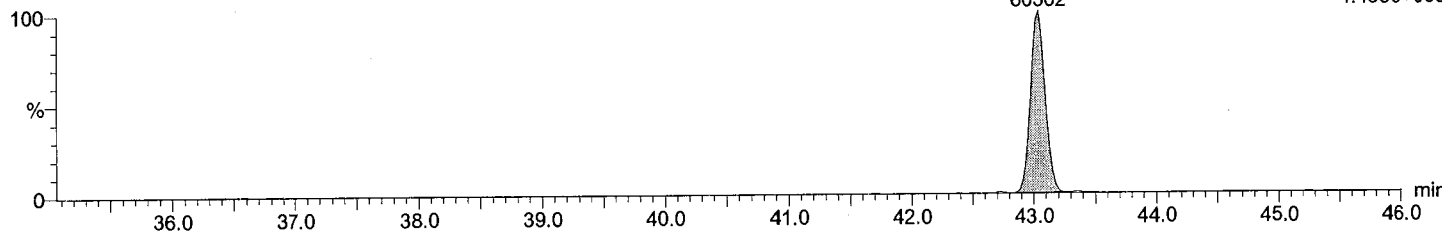


Total DeCB labeled F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

PCB 209L  
43.04  
60502

F7:Voltage SIR,EI+  
509.7229  
4.436e+005

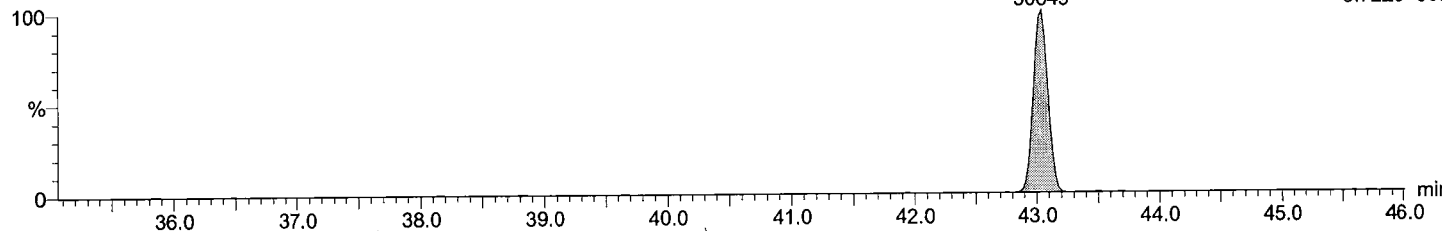


Total DeCB labeled F7

M1170609A04 Smooth(SG,3x1)  
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

PCB 209L  
43.04  
50649

F7:Voltage SIR,EI+  
511.7199  
3.722e+005





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

Time: 13:12:49

Instrument:

lockmass F1

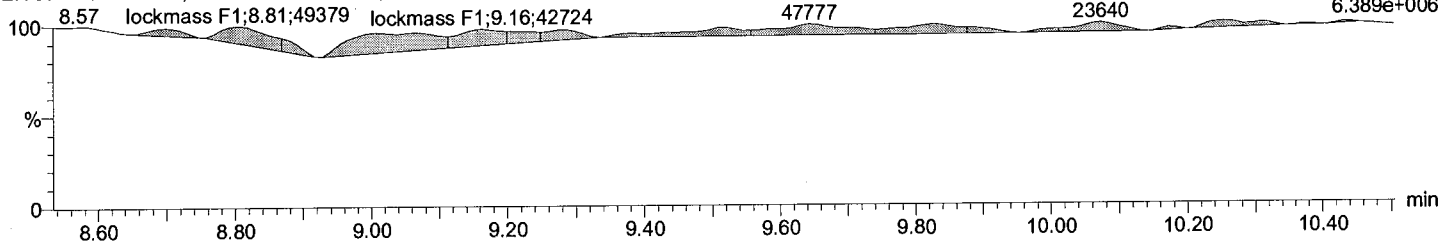
M1170609A04 Smooth(SG,3x1)

EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

lockmass F1

lockmass F1

F1:Voltage SIR,EI+



lockmass F2

M1170609A04 Smooth(SG,3x1)

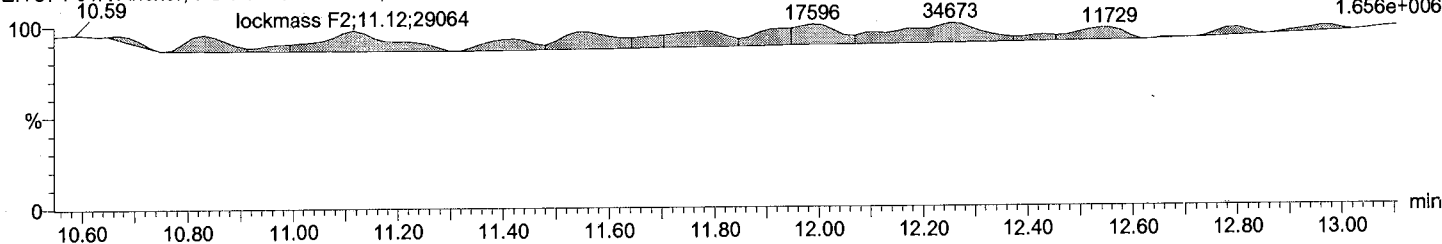
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

lockmass F2

lockmass F2

lockmass F2

F2:Voltage SIR,EI+



lockmass F3

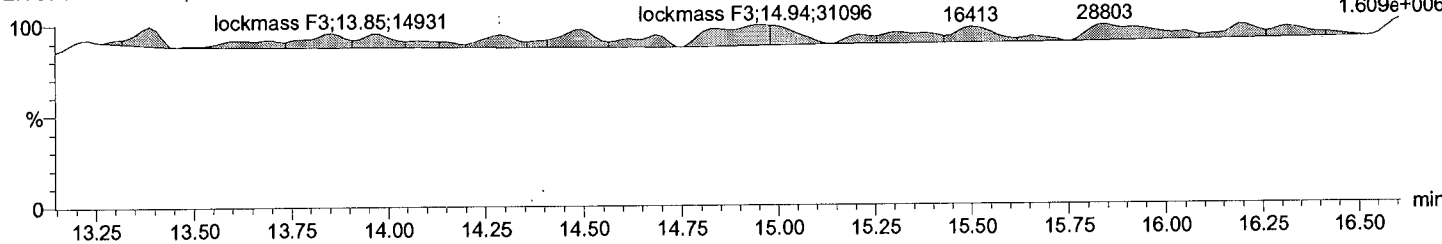
M1170609A04 Smooth(SG,3x1)

EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

lockmass F3

lockmass F3

F3:Voltage SIR,EI+



lockmass F4

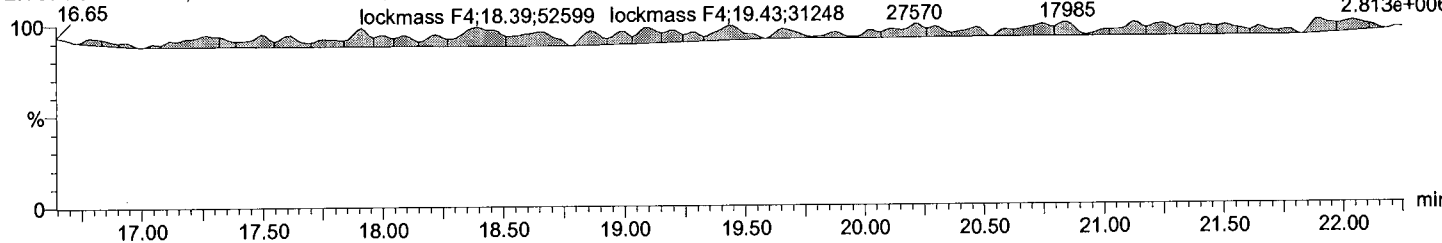
M1170609A04 Smooth(SG,3x1)

EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

lockmass F4

lockmass F4

F4:Voltage SIR,EI+



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY574-01R

Vial: 4

Date: 09-Jun-2017

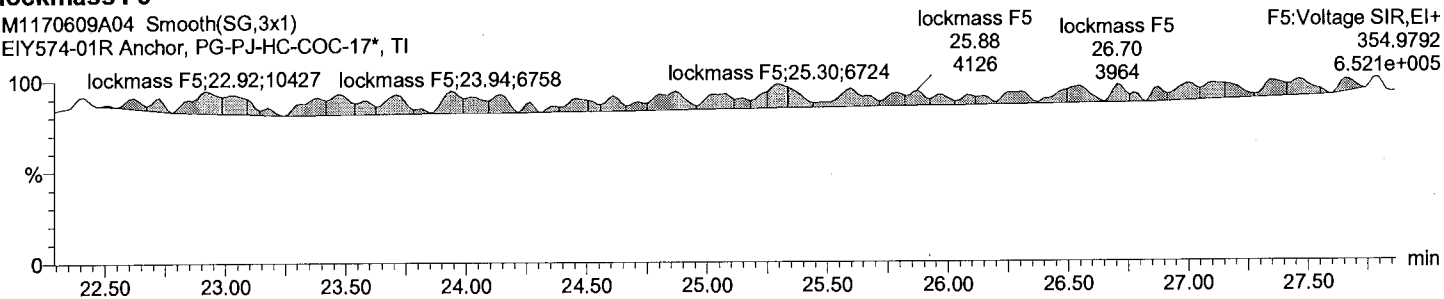
Time: 13:12:49

Instrument:

lockmass F5

M1170609A04 Smooth(SG,3x1)

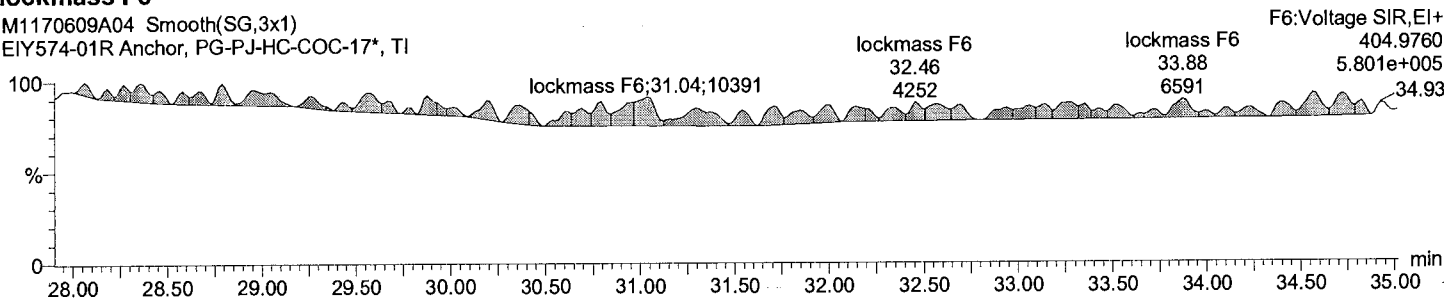
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI



lockmass F6

M1170609A04 Smooth(SG,3x1)

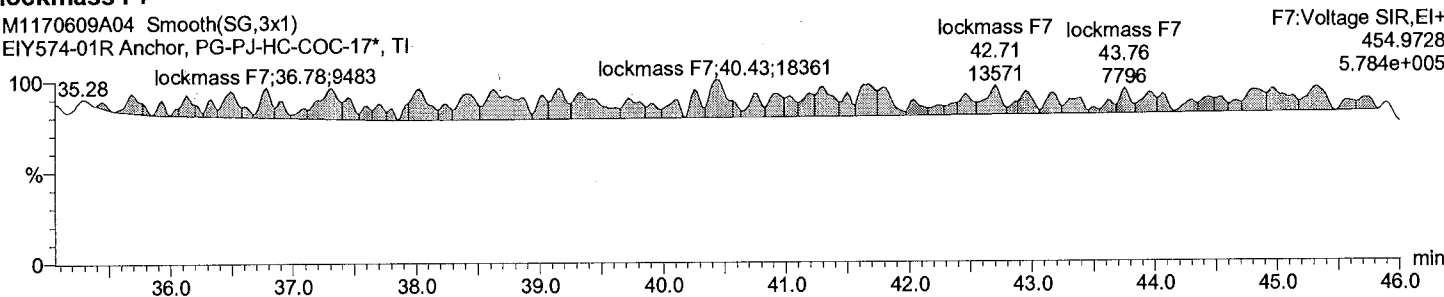
EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

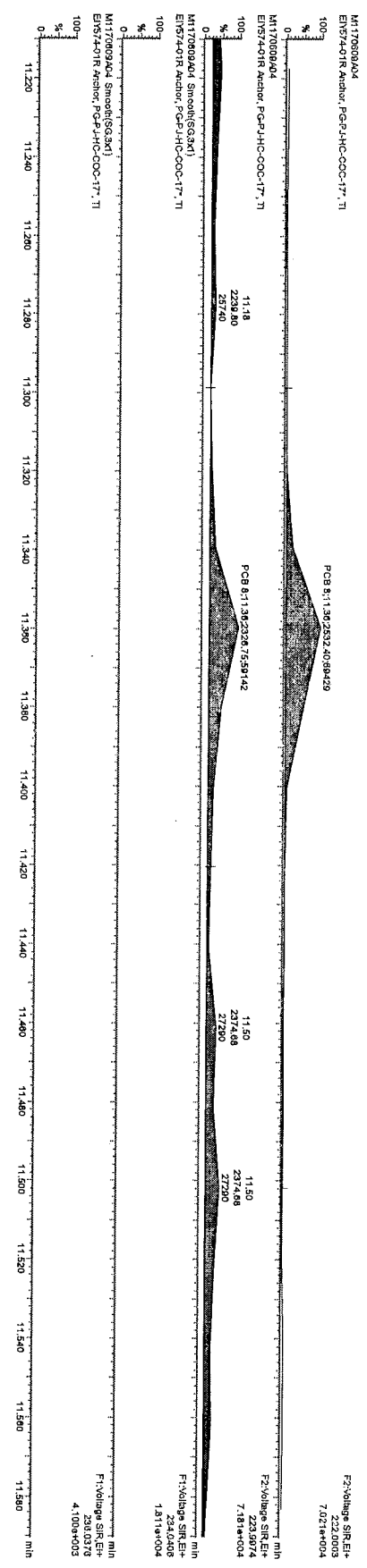


lockmass F7

M1170609A04 Smooth(SG,3x1)

EIY574-01R Anchor, PG-PJ-HC-COC-17\*, TI

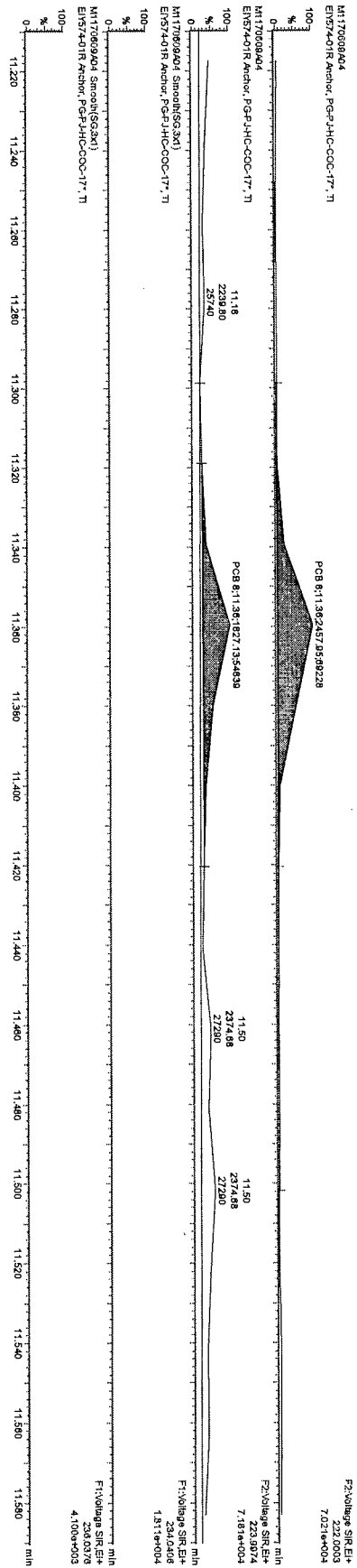




2017-06-12  
 MT2

Before  
 M3

Q1  
 20170613



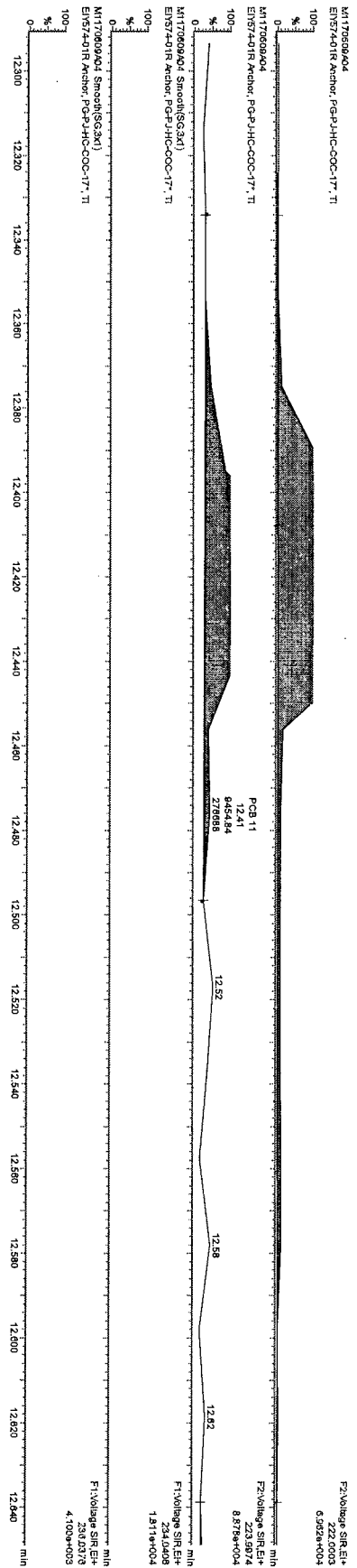
2017-06-12

MT12

After

M3

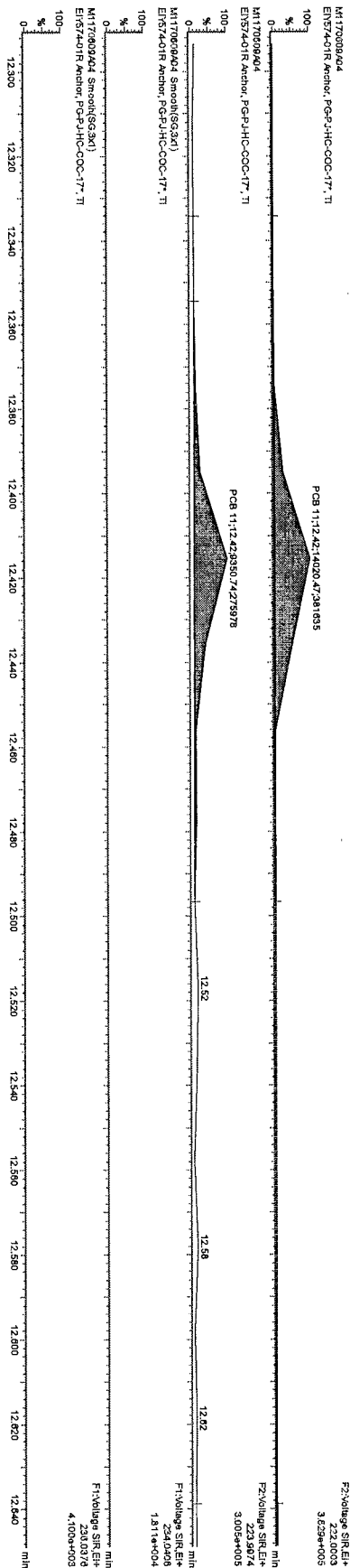
97  
20170913



2017-06-12  
MT2

Before  
M3

02  
2017 06 13



2017-06-12

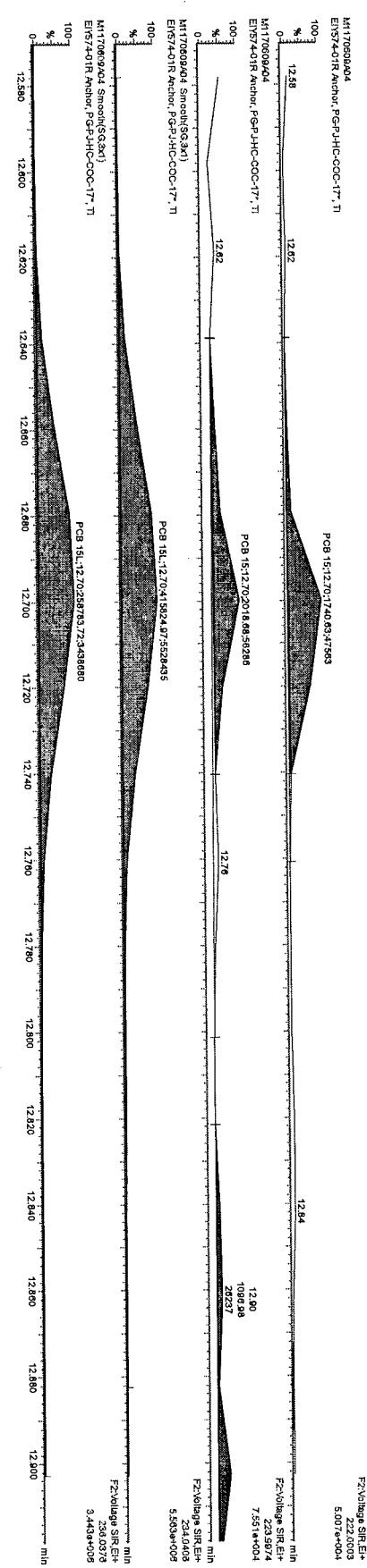
Apple

MT2

M13

02  
20170613





2017-06-12

MTT2

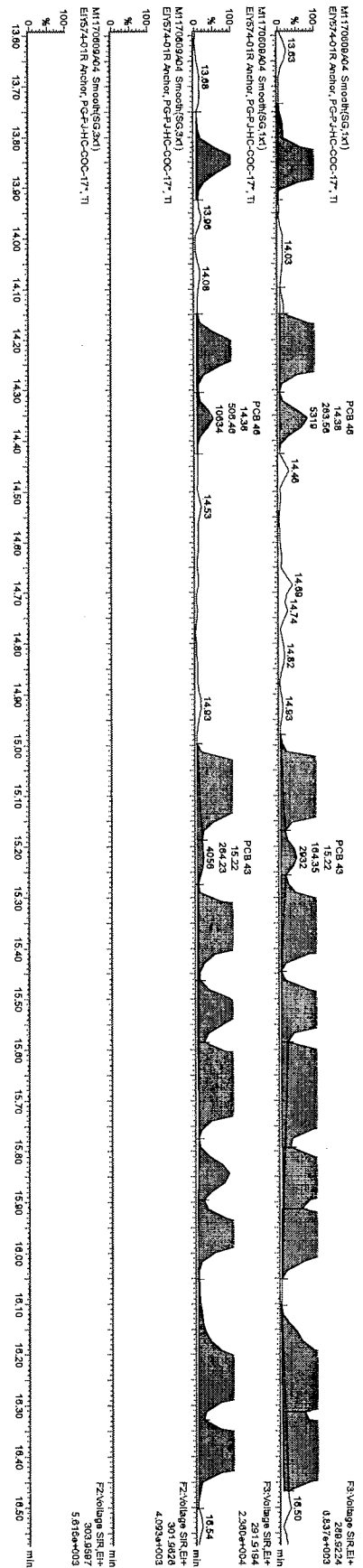
After

M3

BN  
20170613





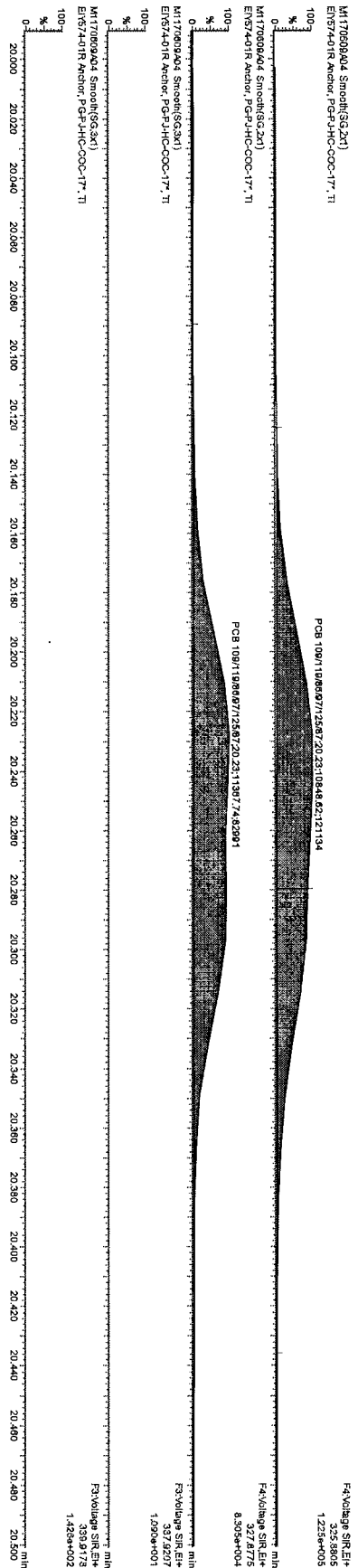


2017-06-12

MT2

Apple  
MS

BN  
20170612



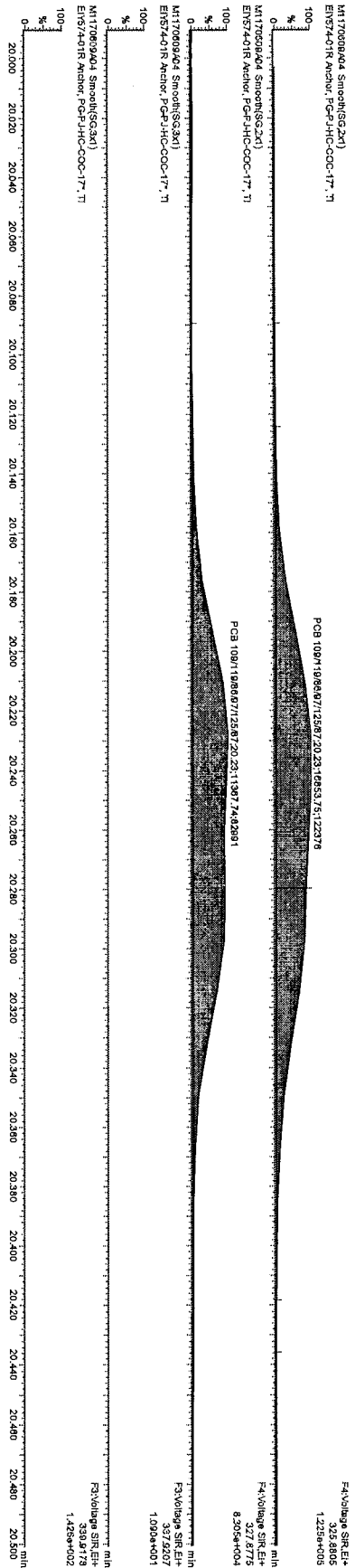
2017-06-12

Before

MT2

M2

67  
 2017 06 13



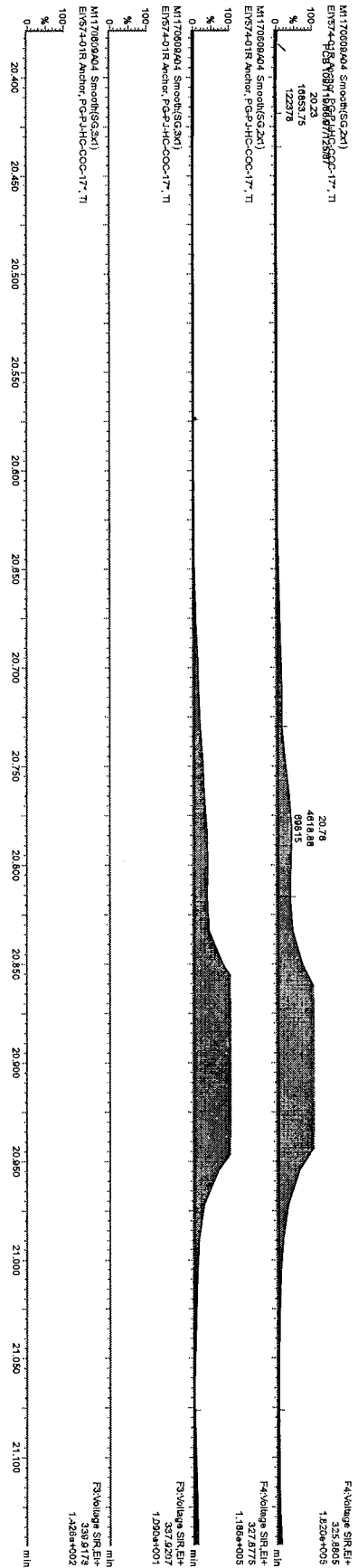
2017-06-12

MT2

*After*

*M2*

*BS*  
*2017 06 13*



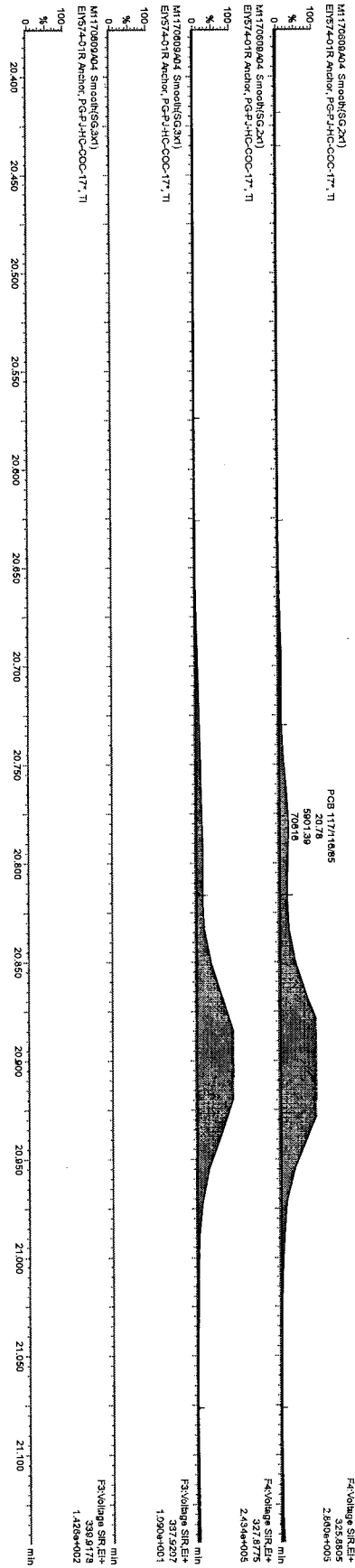
2017-06-12

MT2

Before

M2

Q1  
2017 06/13

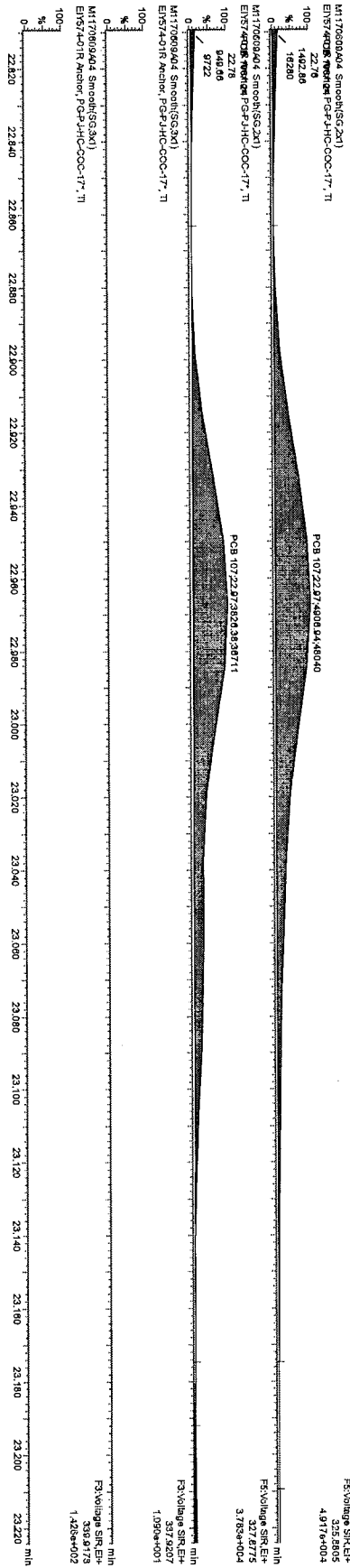


2017-06-12

MT2

After  
M2

64  
20170613



2017-06-12

Before

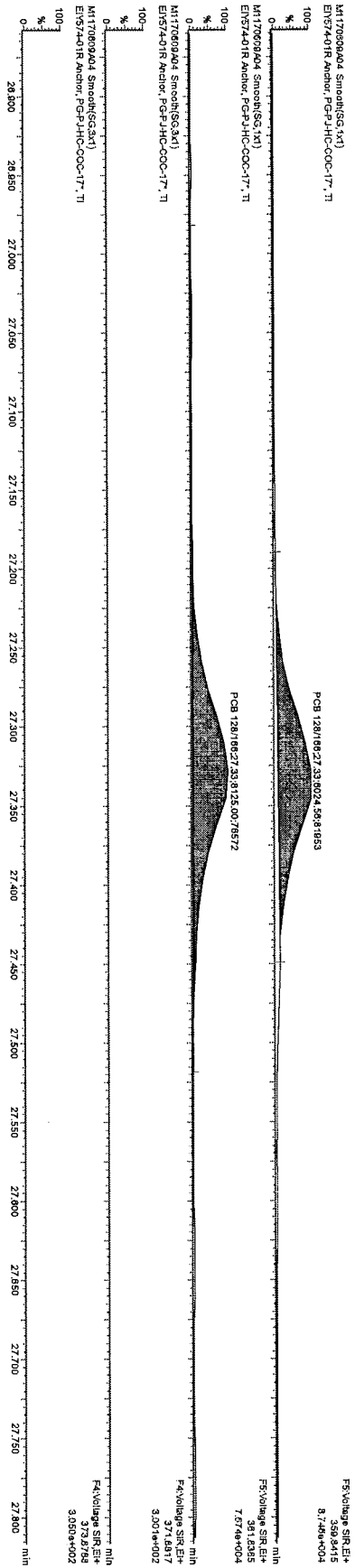
M2

MT2

2017 06 12







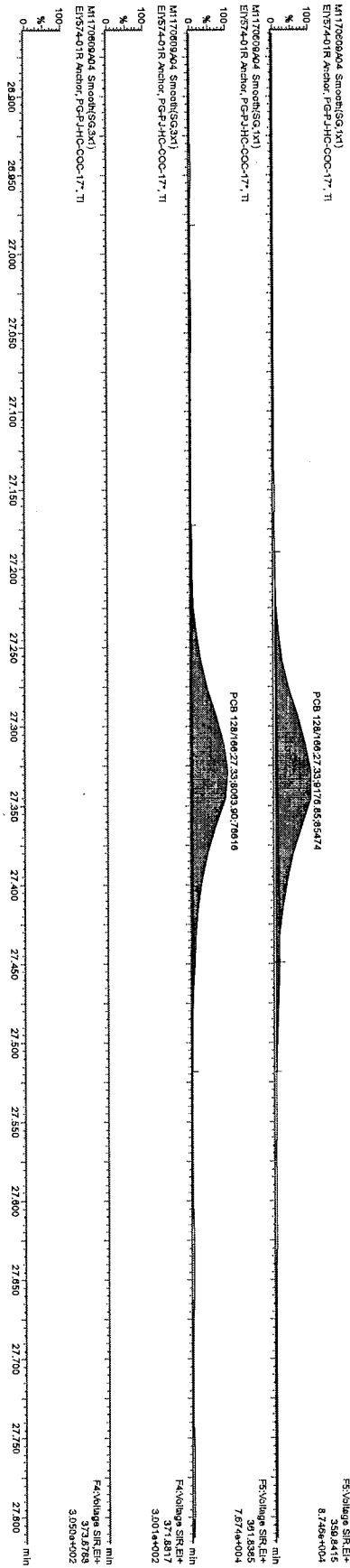
2017-06-12

Before

MT2

M3

2017 06 13



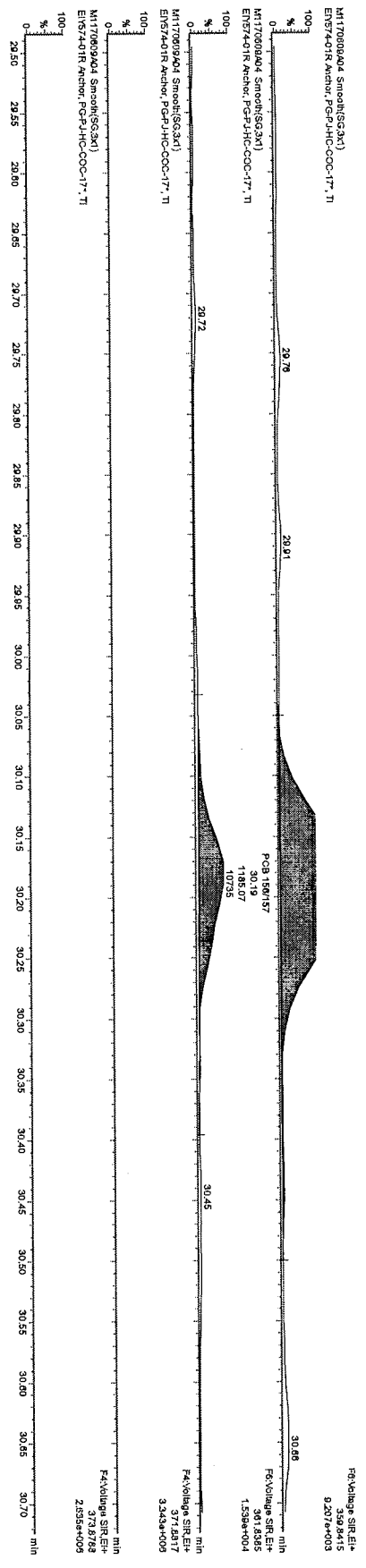
2017-06-12

*After*

MT2

*M3*

*G1*  
*20170613*



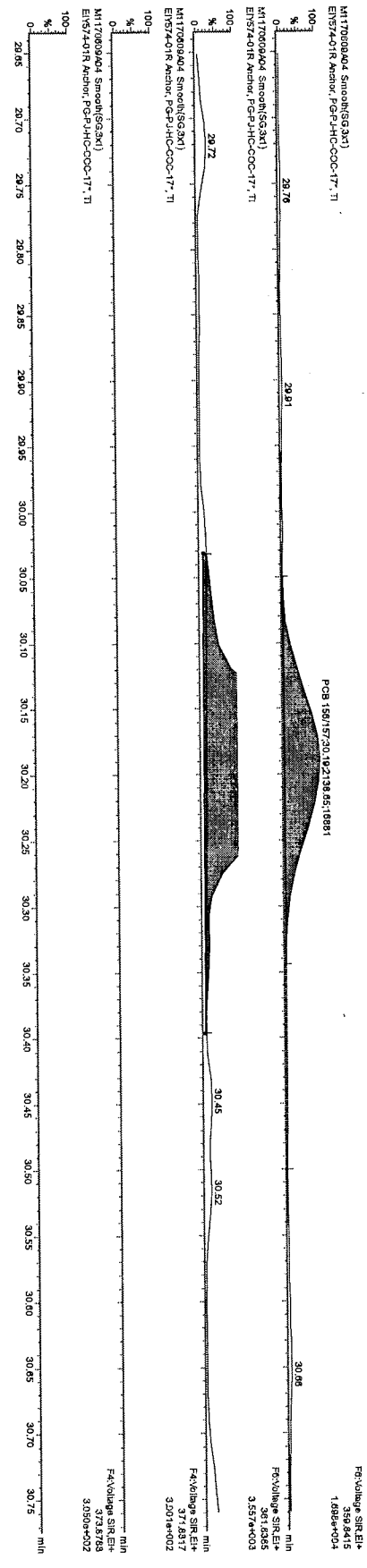
2017-06-12

MT2

Before

M<sup>3</sup>

BJ  
 20170613



M177090A04 SameIn(SG,3x1)  
E157401R Arochl.PCB14HC-COC-17, T1

PCB 150/157/30/142/148/85/188/81

F4:Vol%g9 SIR, E1+  
359.8415  
1.88E+004

M177090A04 SameIn(SG,3x1)  
E157401R Arochl.PCB14HC-COC-17, T1

F4:Vol%g9 SIR, E1+  
381.4385  
3.57E+003

M177090A04 SameIn(SG,3x1)  
E157401R Arochl.PCB14HC-COC-17, T1

F4:Vol%g9 SIR, E1+  
371.8917  
3.20E+002

M177090A04 SameIn(SG,3x1)  
E157401R Arochl.PCB14HC-COC-17, T1

F4:Vol%g9 SIR, E1+  
3039.4922  
min

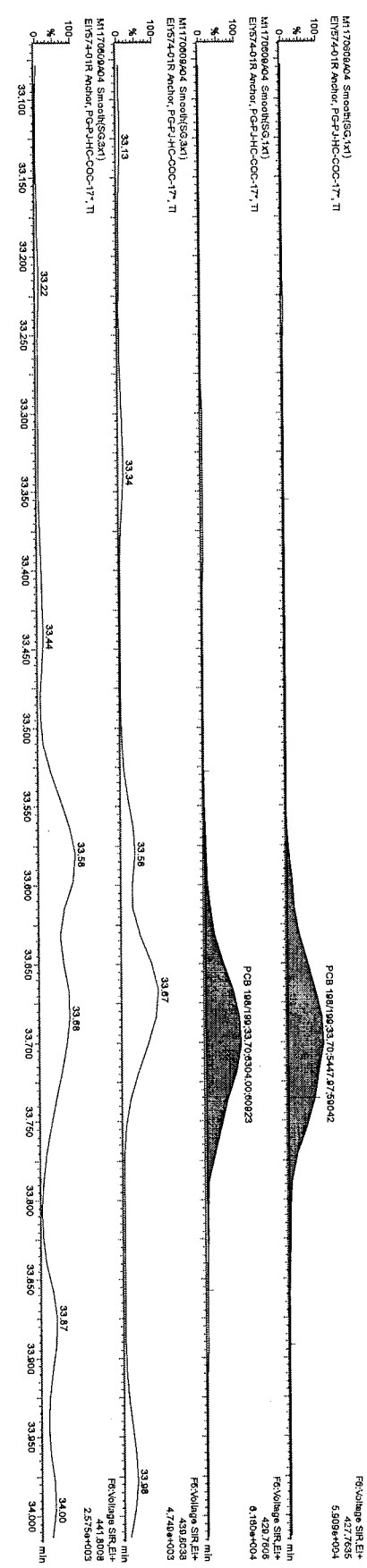
2017-06-12

MT2

After  
~~Before~~ MTR

MB

2017 06 13

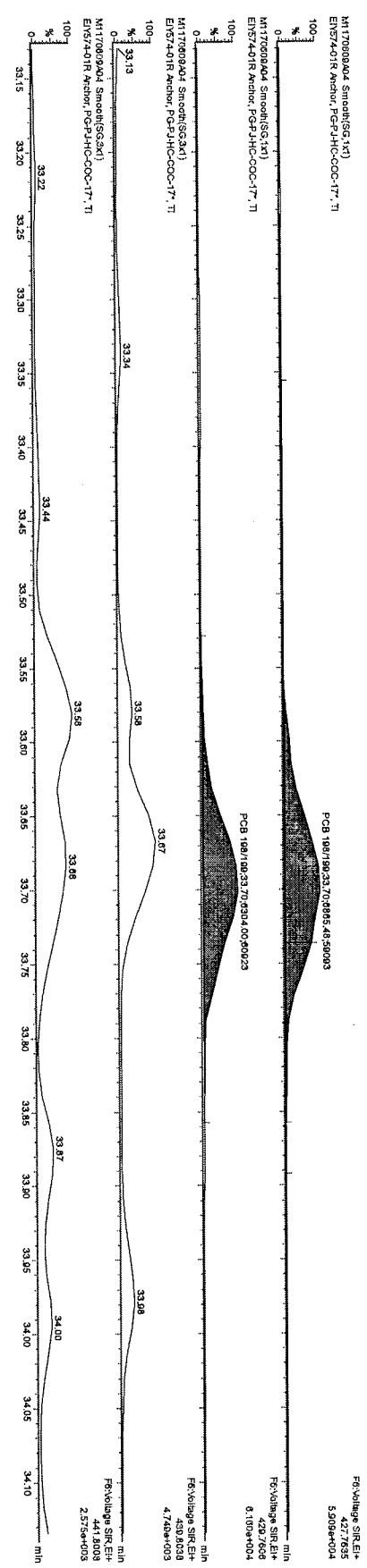


2017-06-12

MTT2

After MTL  
Before  
M2

61  
2017 06 13



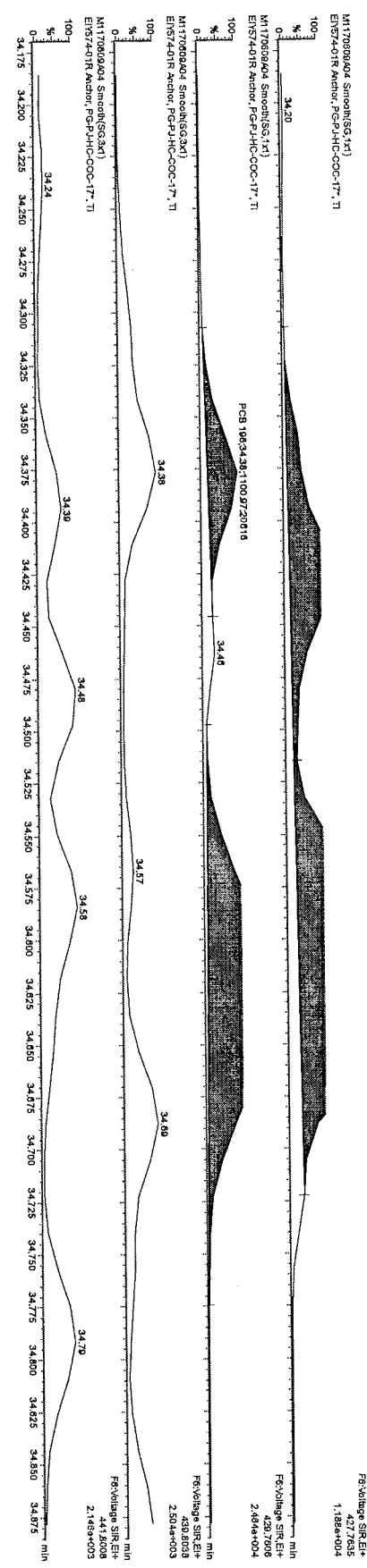
2017-06-12

MT2

~~Before~~ <sup>MT2</sup> After

M3

GI  
20170613



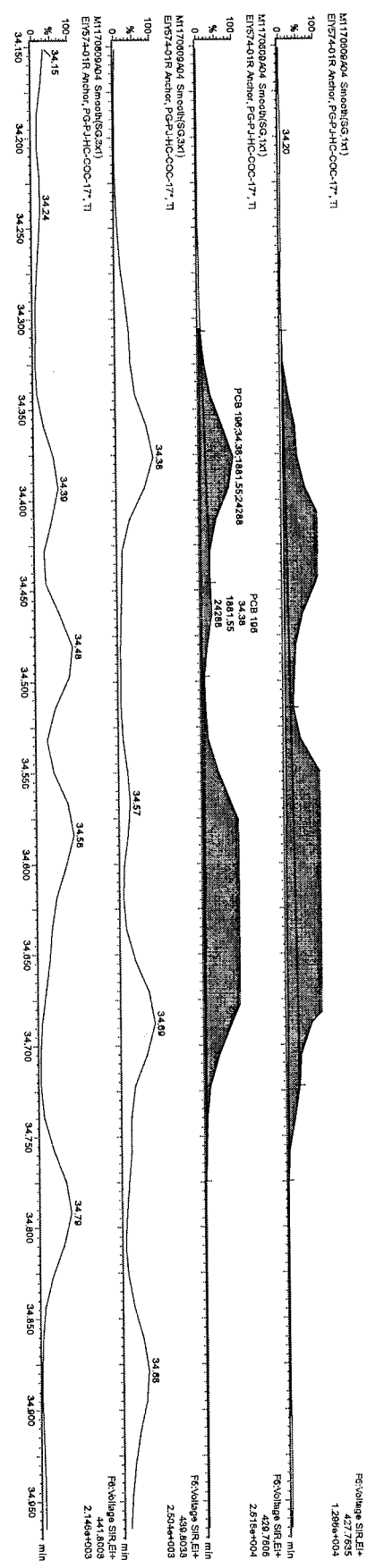
2017-06-12

MT2

Before

M3

B  
 20170613



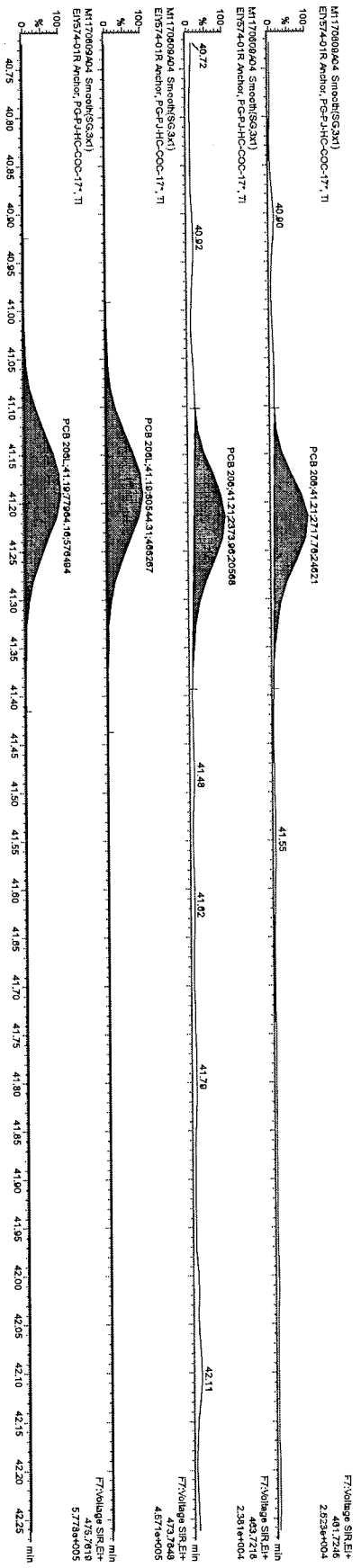
2017-06-12

MT2

After  
M3

61  
20170613





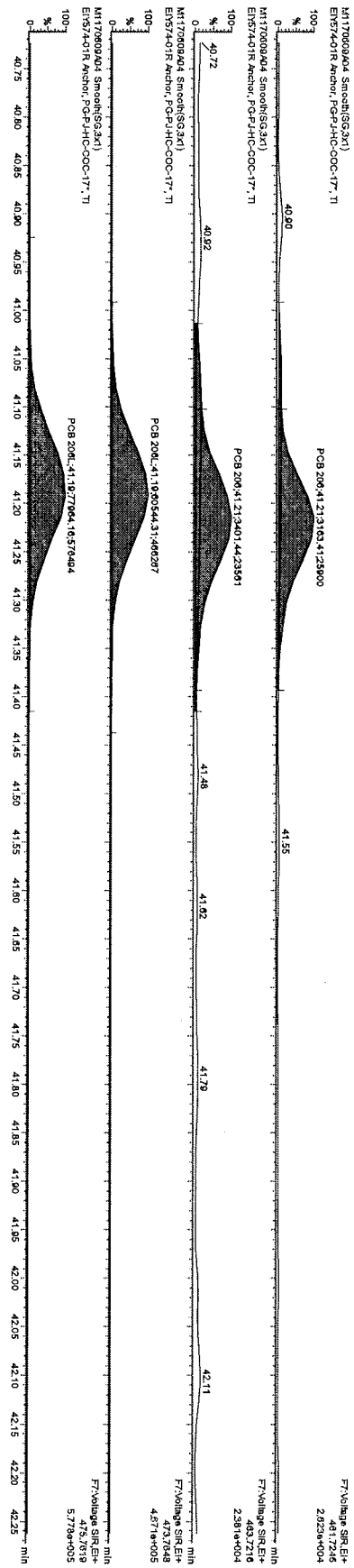
2017-06-12

MT2

Before

M3

62  
2017 06 13



2017-06-12

MT2

After

M3

20170613

Filename M1170609A05  
 Acquired 09/06/2017 14:02

Call File PCB209\_M1170609A

Sample ID EIY575-01R  
 Comments  
 Instrument File Ultima 1  
 Sample Size 10.034

Dil Fac 1.00

5X

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	Isomers	DL	S/N	Mod	inf	Rec
1 PCB 1	188	8.81	-477	3.13	-629.3962	-0.000243665	PCB 1 NDR		-0.000133494	4	xL	1.053	-
	MoCB 190	8.80	-152.3962	OK						6			
2 PCB 2	188	9.90	-558	3.13	-736.2748	-0.000243354	PCB 2 NDR		-0.000118324	5	xL	1.188	-
	MoCB 190	9.91	-178.2748	OK						7			
3 PCB 3	188	9.99	-622	3.13	-820.722	-0.000294677	PCB 3 NDR		-0.000133241	5	xL	1.055	-
	MoCB 190	10.00	-198.722	OK						7			
4 PCB 4	222	NotFnd	*	*	*	-0.000554451			-0.000554451	*	no	1.191	-
	DICB 224	10.11	*	no	*					*			
5 PCB 10	222	NotFnd	*	*	*	-0.000553986			-0.000553986	*	no	1.192	-
	DICB 224	10.20	*	no	*					*			
6 PCB 9	222	NotFnd	*	*	*	-0.000154879			-0.000154879	*	no	1.471	-
	DICB 224	11.00	*	no	*					*			
7 PCB 7	222	NotFnd	*	*	*	-0.000161009			-0.000161009	*	no	1.415	-
	DICB 224	11.08	*	no	*					*			
8 PCB 6	222	NotFnd	*	*	*	-0.000157231			-0.000157231	*	no	1.449	-
	DICB 224	11.18	*	no	*					*			
9 PCB 5	222	NotFnd	*	*	*	-0.000187977			-0.000187977	*	no	1.212	-
	DICB 224	11.30	*	no	*					*			
10 PCB 8	222	11.36	3274	1.33	5731	0.001177			-0.000130635	41	yes	1.744	-
	DICB 224	11.36	2458	yes						48			
11 PCB 14	222	NotFnd	*	*	*	-0.000156583			-0.000156583	*	no	1.455	-
	DICB 224	12.03	*	no	*					*			
12 PCB 11	222	12.41	19288	1.41	33007	0.008083			-0.000155726	200	no	1.463	-
	DICB 224	12.40	13720	yes						192			
13 PCB 13/12	222	NotFnd	*	*	*	-0.000159879			-0.000159879	*	no	1.425	-
	DICB 224	12.54	*	no	*					*			
14 PCB 15	222	12.70	-2769	1.56	-4527.59	-0.001083248	PCB 15 NDR		-0.000238313	27	xL	0.956	-
	DICB 224	12.68	-1768.59	OK						33			
15 PCB 19	256	11.48	277	0.86	601	-0.000603003			-0.000603003	*	yes	1.06	-
	TriCB 258	11.46	324	no						*			
16 PCB 30/18	256	12.27	-3196	1.04	-6269.077	-0.001800792	PCB 30/18 NDR		-0.000611074	22	xL	1.046	-
	TriCB 258	12.25	-3073.077	OK						36			
17 PCB 17	256	12.46	-1112	1.04	-2181.231	-0.000786771	PCB 17 NDR		-0.000767328	9	xL	0.833	-
	TriCB 258	12.46	-1069.231	OK						13			
18 PCB 27	256	12.56	547	0.92	1141	-0.000521782			-0.000521782	*	yes	1.225	-
	TriCB 258	12.54	594	yes						*			
19 PCB 24	256	NotFnd	*	*	*	-0.00057584			-0.00057584	*	no	1.11	-
	TriCB 258	12.58	*	no	*					*			
20 PCB 16	256	12.66	1168	1.11	2218	0.000903			-0.000888455	11	no	0.736	-
	TriCB 258	12.66	1050	yes						8			
21 PCB 32	256	12.90	-1312.48	1.04	-2574.48	-0.000592295	PCB 32 NDR		-0.00048942	11	xL	1.306	-
	TriCB 258	12.88	-1262	OK						10			
22 PCB 34	256	13.49	175	1.96	263	-0.000205414			-0.000205414	*	yes	1.367	-
	TriCB 258	13.46	89	no						*			
23 PCB 23	256	NotFnd	*	*	*	-0.000211608			-0.000211608	*	no	1.327	-
	TriCB 258	13.54	*	no	*					*			
24 PCB 28/29	256	13.70	1815	0.94	3741	0.000789			-0.000197886	12	no	1.419	-
	TriCB 258	13.70	1928	yes						14			
25 PCB 25	256	13.82	-868.32	1.04	-1699.32	-0.000361092	PCB 25 NDR		-0.000198586	8	xL	1.414	-
	TriCB 258	13.83	-833	OK						6			
26 PCB 31	256	13.98	9175	1.03	18076	0.003575			-0.000185469	69	no	1.514	-
	TriCB 258	13.99	8901	yes						70			
27 PCB 28/20	256	14.13	14869	1.05	29037	0.006141			-0.000198306	115	no	1.416	-
	TriCB 258	14.14	14168	yes						110			
28 PCB 21/33	256	14.25	6229	0.98	10542	0.002197			-0.000195544	39	no	1.436	-
	TriCB 258	14.26	5314	yes						43			
29 PCB 22	256	14.46	-2462.72	1.04	-4830.72	-0.001084795	PCB 22 NDR		-0.000209868	22	xL	1.338	-
	TriCB 258	14.45	-2368	OK						19			
30 PCB 36	256	15.27	982	1.03	1933	0.000355			-0.000172378	7	yes	1.629	-
	TriCB 258	15.28	951	yes						7			
31 PCB 39	256	NotFnd	*	*	*	-0.000191151			-0.000191151	*	no	1.469	-
	TriCB 258	15.48	*	no	*					*			
32 PCB 38	256	NotFnd	*	*	*	-0.00019446			-0.00019446	*	no	1.444	-
	TriCB 258	15.89	*	no	*					*			
33 PCB 35	256	16.10	-1171	1.04	-2296.962	-0.000491912	PCB 35 NDR		-0.000200143	6	xL	1.403	-
	TriCB 258	16.08	-1125.962	OK						10			
34 PCB 37	256	16.35	-2691.52	1.04	-5279.52	-0.001132078	PCB 37 NDR		-0.000295280	21	xL	0.951	-
	TriCB 258	16.35	-2588	OK						17			
35 PCB 54	290	NotFnd	*	*	*	-0.000250132			-0.000250132	*	no	1.071	-
	TCB 292	12.82	*	no	*					*			
36 PCB 53/50	290	13.84	-1673	0.77	-3845.727	-0.001186679	PCB 53/50 NDR		-0.000451168	12	xL	0.844	-
	TCB 292	13.86	-2172.727	OK						13			
37 PCB 45/51	290	14.22	-1576.19	0.77	-3623.19	-0.001152138	PCB 45/51 NDR		-0.000484938	12	xL	0.819	-
	TCB 292	14.21	-2047	OK						7			
38 PCB 46	290	14.36	248	0.74	582	-0.000555889			-0.000555889	*	yes	0.685	-
	TCB 292	14.35	334	yes						*			
39 PCB 52	290	15.07	23255	0.73	54902	0.016263			-0.000431239	145	no	0.883	-
	TCB 292	15.05	31647	yes						153			
40 PCB 73	290	NotFnd	*	*	*	-0.000322972			-0.000322972	*	no	1.179	-
	TCB 292	15.14	*	no	*					*			
41 PCB 43	290	15.20	370	1.04	726	-0.000630437			-0.000630437	*	yes	0.804	-
	TCB 292	15.21	356	no						*			
42 PCB 69/49	290	15.34	8686	0.7	21136	0.005865			-0.000404229	58	no	0.942	-
	TCB 292	15.33	12450	yes						59			
43 PCB 48	290	15.52	-2457.84	0.77	-5649.84	-0.001803197	PCB 48 NDR		-0.000466847	16	xL	0.816	-
	TCB 292	15.50	-3192	OK						14			
44 PCB 44/47/65	290	15.65	26383	0.77	60595	0.017554			-0.000421688	127	no	0.903	-
	TCB 292	15.64	34212	yes						127			
45 PCB 59/62/75	290	15.83	1544	0.76	3564	0.000855			-0.000349023	8	no	1.091	-

46	PCB 42	TCB 292	15.83	2020	yes					8			
		290	15.95	3116	0.8	7000	0.002469			19	no	0.741	-
		TCB 292	15.94	3884	yes					18			
47	PCB 40/41/71	290	16.24	6245	0.72	14924	0.004615			31	no	0.846	-
		TCB 292	16.23	8679	yes					34			
48	PCB 64	290	16.38	3726	0.7	9054	0.002321			20	no	1.02	-
		TCB 292	16.37	5328	yes					24			
49	PCB 72	290	16.85	369	0.49	1125	-0.000511261			*	yes	1.392	-
		TCB 292	16.88	756	no					*			
50	PCB 68	290	17.04	4995	0.69	12271	0.002324			12	no	1.381	-
		TCB 292	17.07	7276	yes					12			
51	PCB 57	290	17.30	72	0.41	248	-0.000525998			*	yes	1.353	-
		TCB 292	17.34	175	no					*			
52	PCB 58	290	NotFnd	*	*	*	-0.000536709			*	no	1.326	-
		TCB 292	17.49	*	no					*			
53	PCB 67	290	17.58	843	0.77	1939	-0.000523676			*	yes	1.359	-
		TCB 292	17.57	1096	yes					*			
54	PCB 63	290	17.75	1180	0.87	2533	-0.000504735			*	yes	1.41	-
		TCB 292	17.74	1354	yes					*			
55	PCB 61/70/74/76	290	17.98	40517	0.8	90914	0.018219			71	no	1.305	-
		TCB 292	17.99	50397	yes					66			
56	PCB 66	290	18.20	19177	0.74	45139	0.00874			44	no	1.351	-
		TCB 292	18.22	25963	yes					44			
57	PCB 55	290	NotFnd	*	*	*	-0.000559494			*	no	1.272	-
		TCB 292	18.35	*	no					*			
58	PCB 56	290	18.67	4617	0.78	10570	0.002098			10	no	1.317	-
		TCB 292	18.69	5953	yes					10			
59	PCB 60	290	18.83	3995	0.76	9229	0.001916			9	no	1.259	-
		TCB 292	18.85	5234	yes					9			
60	PCB 80	290	NotFnd	*	*	*	-0.000476995			*	no	1.492	-
		TCB 292	19.08	*	no					*			
61	PCB 79	290	20.21	446	0.67	1114	-0.000461827			*	yes	1.541	-
		TCB 292	20.22	668	yes					*			
62	PCB 78	290	NotFnd	*	*	*	-0.000501887			*	no	1.418	-
		TCB 292	20.66	*	no					*			
63	PCB 81	290	NotFnd	*	*	*	-0.000697722			*	no	1.02	-
		TCB 292	20.99	*	no					*			
64	PCB 77	290	21.42	2803	0.78	6418	0.001288			6	no	1.016	-
		TCB 292	21.43	3615	yes					5			
65	PCB 104	326	NotFnd	*	*	*	-0.000265488			*	no	1.194	-
		PeCB 328	15.62	*	no					*			
66	PCB 96	326	15.86	218	0.86	473	-0.000393291			*	yes	0.806	-
		PeCB 328	15.84	255	no					*			
67	PCB 103	326	16.97	-789	1.55	-1298.032	-0.000396578	PCB 103 NDR		6	xL	0.824	-
		PeCB 328	16.96	-509.0323	OK					14			
68	PCB 94	326	NotFnd	*	*	*	-0.000253957			*	no	0.672	-
		PeCB 328	17.10	*	no					*			
69	PCB 95	326	17.41	35955	1.48	60215	0.019173			284	yes	0.79	-
		PeCB 328	17.38	24260	yes					284			
70	PCB 100/93/102/98	326	17.65	2783	1.36	4831	0.001674			12	yes	0.727	-
		PeCB 328	17.52	2048	yes					20			
71	PCB 88/91	326	17.98	-3449	1.55	-5674.161	-0.001956811	PCB 88/91 NDR		26	xL	0.73	-
		PeCB 328	17.93	-2225.161	OK					33			
72	PCB 84	326	18.13	6308	1.46	10614	0.004149			45	yes	0.844	-
		PeCB 328	18.10	4307	yes					52			
73	PCB 89	326	18.48	287	1.64	461	-0.000242413			*	yes	0.704	-
		PeCB 328	18.43	174	yes					*			
74	PCB 121	326	18.70	280	2.99	373	-0.000173082			*	yes	0.986	-
		PeCB 328	18.68	94	no					*			
75	PCB 92	326	18.98	13706	1.44	23251	0.007956			95	no	0.735	-
		PeCB 328	18.94	9545	yes					102			
76	PCB 113/90/101	326	19.40	83712	1.53	138520	0.040283			596	no	0.865	-
		PeCB 328	19.36	54808	yes					615			
77	PCB 83/99	326	19.83	56340	1.45	95104	0.031562			371	no	0.758	-
		PeCB 328	19.81	38764	yes					396			
78	PCB 112	326	NotFnd	*	*	*	-0.000181939			*	no	0.938	-
		PeCB 328	19.89	*	no					*			
79	PCB 109/119/86/97/125/	326	20.23	38021	1.59	61974	0.017814			141	no	0.876	-
		PeCB 328	20.19	23953	yes					145			
80	PCB 117/116/85	326	20.78	16041	1.55	26367	0.007212			94	no	0.92	-
		PeCB 328	20.74	10326	yes					92			
81	PCB 110/115	326	20.89	69782	1.53	115503	0.030539			432	no	0.952	-
		PeCB 328	20.86	45721	yes					461			
82	PCB 82	326	21.15	-3306.15	1.55	-5439.15	-0.002007782	PCB 82 NDR		29	xL	0.682	-
		PeCB 328	21.13	-2133	OK					22			
83	PCB 111	326	NotFnd	*	*	*	-0.000170659			*	no	1	-
		PeCB 328	21.42	*	no					*			
84	PCB 120	326	21.80	731	1.48	1226	0.000283			6	yes	1.089	-
		PeCB 328	21.78	495	yes					5			
85	PCB 108/124	326	22.74	3549	1.46	5985	0.001242			41	no	1.213	-
		PeCB 328	22.76	2436	yes					42			
86	PCB 107	326	22.97	10131	1.67	16202	0.002954			98	yes	1.38	-
		PeCB 328	22.97	6071	yes					91			
87	PCB 123	326	23.07	-511.5	1.55	-841.5	-0.000193422	PCB 123 NDR		19	xL	0.921	-
		PeCB 328	23.06	-330	OK					13			
88	PCB 106	326	NotFnd	*	*	*	-8.72834E-05			*	no	1.152	-
		PeCB 328	23.17	*	no					*			
89	PCB 118	326	23.35	107273	1.57	175515	0.037561			1100	no	1.028	-
		PeCB 328	23.31	68242	yes					1085			
90	PCB 122	326	23.64	693	1.73	1094	0.000236			10	yes	1.164	-
		PeCB 328	23.62	401	yes					7			
91	PCB 114	326	23.82	-1246.2	1.55	-2050.2	-0.000464955	PCB 114 NDR		22	xL	1.023	-
		PeCB 328	23.80	-804	OK					14			
92	PCB 105	326	24.37	37179	1.6	60391	0.014718			373	no	1.024	-
		PeCB 328	24.38	23212	yes					361			
93	PCB 127	326	NotFnd	*	*	*	-7.72277E-05			*	no	1.302	-
		PeCB 328	25.68	*	no					*			
94	PCB 126	326	27.21	-221.65	1.55	-364.65	-0.000117396	PCB 126 NDR		5	xL	1.093	-
		PeCB 328	27.20	-143	OK					3			

95 PCB 155	360	NotFnd	*	*	*	-0.000212334	-0.000212334	*	no	1.103	-
	HxCB 362	19.24	*	no	*			*			
96 PCB 152	360	NotFnd	*	*	*	-0.000275211	-0.000275211	*	no	0.851	-
	HxCB 362	19.38	*	no	*			*			
97 PCB 150	360	NotFnd	*	*	*	-0.000323487	-0.000323487	*	no	0.724	-
	HxCB 362	19.51	*	no	*			*			
98 PCB 136	360	6814	1.22	12386	0.006333	-0.000297592	-0.000297592	44	no	0.787	-
	HxCB 362	19.76	5572	yes	*			44			
99 PCB 145	360	NotFnd	*	*	*	-0.00031908	-0.00031908	*	no	0.734	-
	HxCB 362	20.01	*	no	*			*			
100 PCB 148	360	21.13	168	0.98	340	-0.000387115	-0.000387115	*	yes	0.605	-
	HxCB 362	21.11	172	no	*			*			
101 PCB 151/135	360	21.61	22234	1.29	39493	0.027287	-0.000401723	115	no	0.583	-
	HxCB 362	21.59	17259	yes	*			114			
102 PCB 154	360	21.82	2668	1.25	4803	0.002883	-0.000349038	18	no	0.671	-
	HxCB 362	21.80	2135	yes	*			19			
103 PCB 144	360	22.08	2508	1.26	4503	0.002925	-0.00037775	15	no	0.62	-
	HxCB 362	22.05	1995	yes	*			15			
104 PCB 147/149	360	22.36	73445	1.33	128656	0.066305	-0.000385656	571	yes	0.781	-
	HxCB 362	22.34	55212	yes	*			537			
105 PCB 134/143	360	22.55	3249	1.2	5953	0.003534	-0.000444244	25	yes	0.678	-
	HxCB 362	22.59	2704	yes	*			30			
106 PCB 139/140	360	22.88	2101	1.4	3603	0.001834	-0.000380781	16	no	0.791	-
	HxCB 362	22.86	1502	yes	*			12			
107 PCB 131	360	NotFnd	*	*	*	-0.00048502	-0.00048502	*	no	0.621	-
	HxCB 362	23.03	*	no	*			*			
108 PCB 142	360	NotFnd	*	*	*	-0.000433378	-0.000433378	*	no	0.695	-
	HxCB 362	23.16	*	no	*			*			
109 PCB 132	360	23.43	12996	1.34	22715	0.013459	-0.00044359	94	no	0.679	-
	HxCB 362	23.41	9719	yes	*			91			
110 PCB 133	360	23.85	2516	1.28	4482	0.0024	-0.000400529	18	no	0.752	-
	HxCB 362	23.84	1966	yes	*			22			
111 PCB 165	360	NotFnd	*	*	*	-0.00031539	-0.00031539	*	no	0.955	-
	HxCB 362	24.21	*	no	*			*			
112 PCB 146	360	24.42	26409	1.27	47183	0.021546	-0.000341494	190	no	0.882	-
	HxCB 362	24.41	20774	yes	*			191			
113 PCB 161	360	NotFnd	*	*	*	-0.000297826	-0.000297826	*	no	1.012	-
	HxCB 362	24.53	*	no	*			*			
114 PCB 153/168	360	24.98	174278	1.27	311072	0.128762	-0.000309556	1279	no	0.973	-
	HxCB 362	24.99	136794	yes	*			1267			
115 PCB 141	360	25.15	2801	1.41	4789	0.002626	-0.000410351	22	no	0.734	-
	HxCB 362	25.14	1988	yes	*			16			
116 PCB 130	360	25.53	5142	1.23	9337	0.005342	-0.000427838	39	no	0.704	-
	HxCB 362	25.51	4195	yes	*			35			
117 PCB 137	360	25.72	1345	1.22	2444	0.001443	-0.000441639	12	yes	0.682	-
	HxCB 362	25.75	1099	yes	*			15			
118 PCB 164	360	25.82	3269	1.12	6199	0.002324	-0.000280445	24	yes	1.074	-
	HxCB 362	25.83	2930	yes	*			21			
119 PCB 138/163/129	360	26.12	112626	1.29	199914	0.097111	-0.000363328	783	no	0.829	-
	HxCB 362	26.15	87289	yes	*			730			
120 PCB 160	360	NotFnd	*	*	*	-0.000327389	-0.000327389	*	no	0.92	-
	HxCB 362	26.30	*	no	*			*			
121 PCB 158	360	26.50	9536	1.2	17452	0.006461	-0.000276836	63	no	1.088	-
	HxCB 362	26.47	7917	yes	*			68			
122 PCB 128/166	360	27.31	14990	1.2	27461	0.012387	-0.000337287	94	yes	0.893	-
	HxCB 362	27.31	12471	yes	*			69			
123 PCB 159	360	NotFnd	*	*	*	-0.000234164	-0.000234164	*	no	1.209	-
	HxCB 362	28.27	*	no	*			*			
124 PCB 162	360	28.54	-693	1.24	-1251.871	-0.000403064	-0.000234747	4	xL	1.206	-
	HxCB 362	28.53	-558.871	OK	*			6			
125 PCB 167	360	29.01	4777	1.33	8379	0.002656	-0.000256668	28	no	1.103	-
	HxCB 362	29.02	3602	yes	*			28			
126 PCB 156/157	360	30.15	8412	1.22	15327	0.005017	-0.000270396	44	no	1.047	-
	HxCB 362	30.18	6914	yes	*			47			
127 PCB 169	360	NotFnd	*	*	*	-0.000272216	-0.000272216	*	no	1.04	-
	HxCB 362	33.56	*	no	*			*			
128 PCB 188	394	23.78	563	1.02	1112	0.000317	-0.000169589	4	yes	1.069	-
	HpCB 396	23.79	550	yes	*			6			
129 PCB 179	394	24.08	11748	1.2	21498	0.008483	-0.000162884	90	no	1.113	-
	HpCB 396	24.07	9750	yes	*			77			
130 PCB 184	394	NotFnd	*	*	*	-0.000169747	-0.000169747	*	no	1.068	-
	HpCB 396	24.55	*	no	*			*			
131 PCB 176	394	24.87	2568	1.01	5119	0.002157	-0.000173816	21	no	1.043	-
	HpCB 396	24.86	2551	yes	*			21			
132 PCB 186	394	NotFnd	*	*	*	-0.000184238	-0.000184238	*	no	0.984	-
	HpCB 396	25.26	*	no	*			*			
133 PCB 178	394	26.53	6043	1.06	11719	0.006735	-0.000237291	44	no	0.784	-
	HpCB 396	26.54	5676	yes	*			47			
134 PCB 175	394	27.16	-661.5	1.05	-1291.5	-0.000696863	-0.000222989	6	xL	0.813	-
	HpCB 396	27.14	-630	OK	*			6			
135 PCB 187	394	27.40	40139	1.05	78299	0.041818	-0.00022028	305	no	0.623	-
	HpCB 396	27.37	38161	yes	*			304			
136 PCB 182	394	NotFnd	*	*	*	-0.000227752	-0.000227752	*	no	0.796	-
	HpCB 396	27.59	*	no	*			*			
137 PCB 183	394	28.01	14809	1.02	29364	0.01214	-0.00045701	76	yes	1.063	-
	HpCB 396	27.99	14555	yes	*			76			
138 PCB 185	394	NotFnd	*	*	*	-0.000592441	-0.000592441	*	no	0.82	-
	HpCB 396	28.08	*	no	*			*			
139 PCB 174	394	28.23	1894	1.03	3735	0.001809	-0.000535613	10	yes	0.907	-
	HpCB 396	28.24	1841	yes	*			10			
140 PCB 177	394	28.65	9239	0.93	19122	0.00943	-0.000545231	45	no	0.891	-
	HpCB 396	28.65	9883	yes	*			51			
141 PCB 181	394	NotFnd	*	*	*	-0.000539779	-0.000539779	*	no	0.9	-
	HpCB 396	29.06	*	no	*			*			
142 PCB 171/173	394	29.29	4354	0.92	9093	0.004572	-0.000555837	23	no	0.874	-
	HpCB 396	29.28	4739	yes	*			25			
143 PCB 172	394	30.93	315	1.07	608	-0.000537986	-0.000537986	*	yes	0.903	-
	HpCB 396	30.93	294	yes	*			*			
144 PCB 192	394	NotFnd	*	*	*	-0.000441236	-0.000441236	*	no	1.101	-



194 PCB 111L	338	21.41	527727	1.59	858903	0.215634	0	4357	no	1.373	97
PCB Cleanup Standard	340	21.40	331176	yes				4600			
195 PCB 178L	406	26.61	197519	1.06	383503	0.21142	0	2382	no	0.732	96
PCB Cleanup Standard	408	26.52	185985	yes				1468			
196 PCB 31L	268	13.91	1635	1.27	2743	0.000462	0.001	1	no	1.878	0
PCB Audit Standard	270	13.97	1208	no				1			
197 PCB 95L	338	NotFnd	*	*	*		0		no	0.916	
PCB Audit Standard	340	17.38	*	no							
198 PCB 153L	372	24.96	8487	1.46	14280	0.004916	0	150	no	1.173	2
PCB Audit Standard	374	24.98	5813	no				47			
199 PCB 9L	234	10.99	3592190	1.54	5920874	14.479357	-	6174	no	-	-
PCB Recovery Standard	236	11.00	2328684	yes				7369			
200 PCB 52L	302	15.05	1560462	0.81	3498485	15.178263	-	5702	no	-	-
PCB Recovery Standard	304	15.05	1938023	yes				6604			
201 PCB 101L	338	19.38	1980175	1.61	3212447	15.261057	-	17384	no	-	-
PCB Recovery Standard	340	19.36	1232271	yes				18372			
202 PCB 138L	372	26.10	1535807	1.27	2742565	12.639177	-	25342	no	-	-
PCB Recovery Standard	374	26.07	1206759	yes				10329			
203 PCB 194L	440	38.65	557733	0.92	1166735	6.755051	-	10951	no	-	-
PCB Recovery Standard	442	38.59	609003	yes				6165			
Chlorobiphenyls					-0.000133494		0	-0.000133494			
Dichlorobiphenyls					0.00926		2	-0.000554451			
Trichlorobiphenyls					0.01396		6	-0.000868455			
Tetrachlorobiphenyls					0.084527		13	-0.000700468			
Pentachlorobiphenyls					0.217356		15	-0.000393291			
Hexachlorobiphenyls					0.412635		20	-0.00048502			
Heptachlorobiphenyls					0.109775		13	-0.000592441			
Octachlorobiphenyls					0.009523		2	-0.001016409			
Nonachlorobiphenyls					-0.001111014		0	-0.001111014			
Decachlorobiphenyl					0.003405		1	-0.00048931			
PCB (total)					0.860441						

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

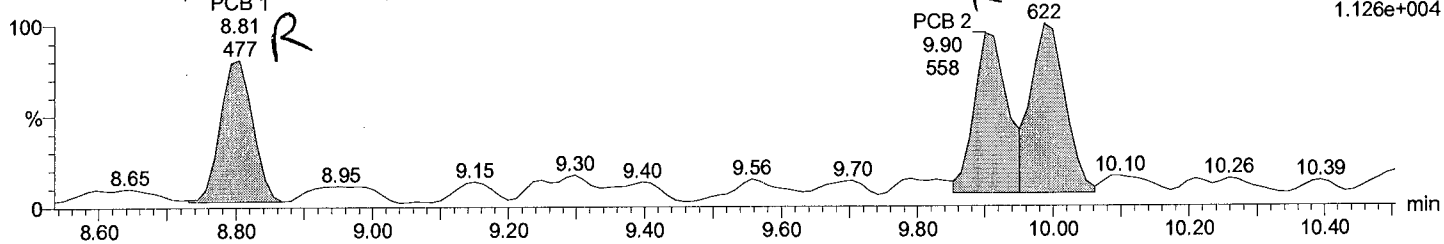
Ⓞ

$h=1.962E3$

Total MoCB F1

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, T1

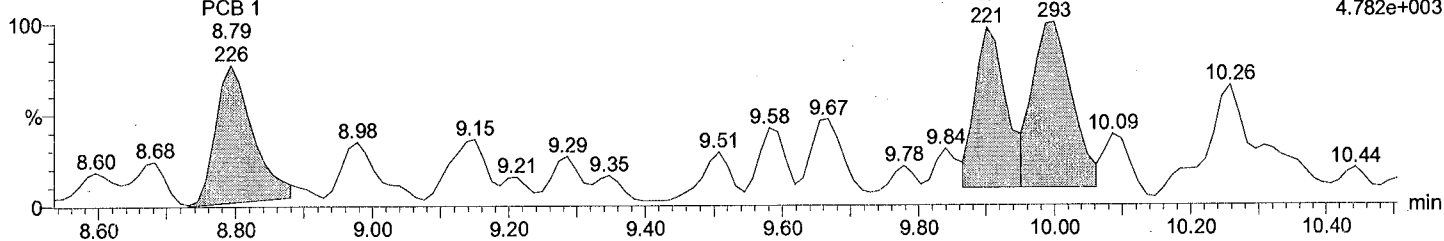
F1:Voltage SIR,EI+  
188.0393  
1.126e+004



Total MoCB F1

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, T1

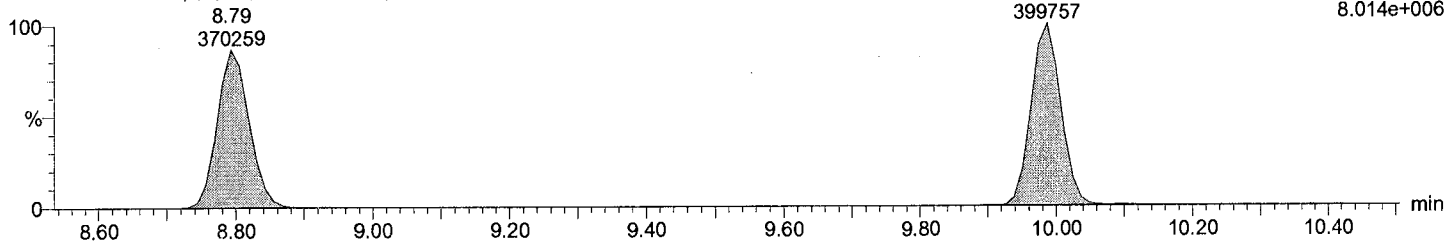
F1:Voltage SIR,EI+  
190.0363  
4.782e+003



Total MoCB labeled F1

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, T1

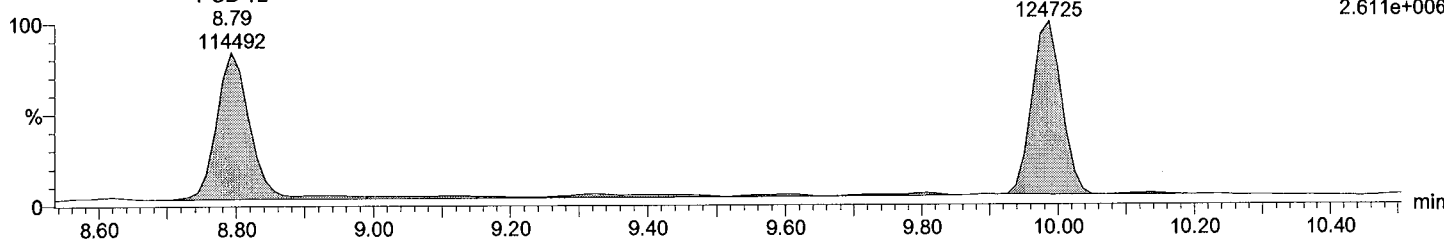
F1:Voltage SIR,EI+  
200.0795  
8.014e+006



Total MoCB labeled F1

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, T1

F1:Voltage SIR,EI+  
202.076  
2.611e+006





Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5  
Date: 09-Jun-2017  
Time: 14:02:39  
Instrument:

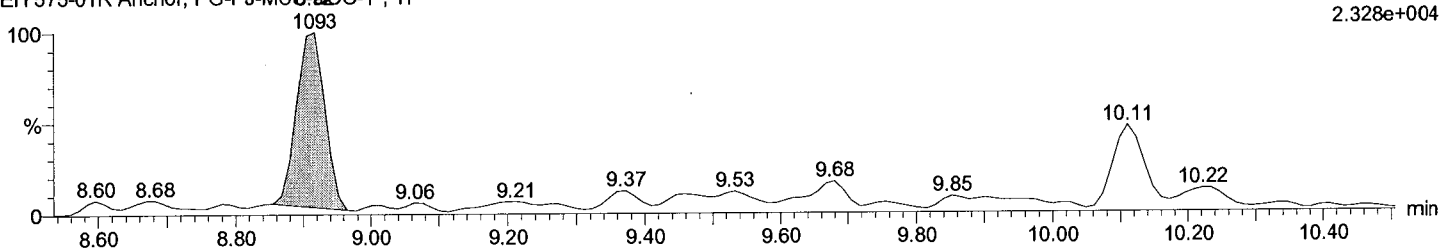
*β*

*h=3,988 E3*

Total DiCB F1

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

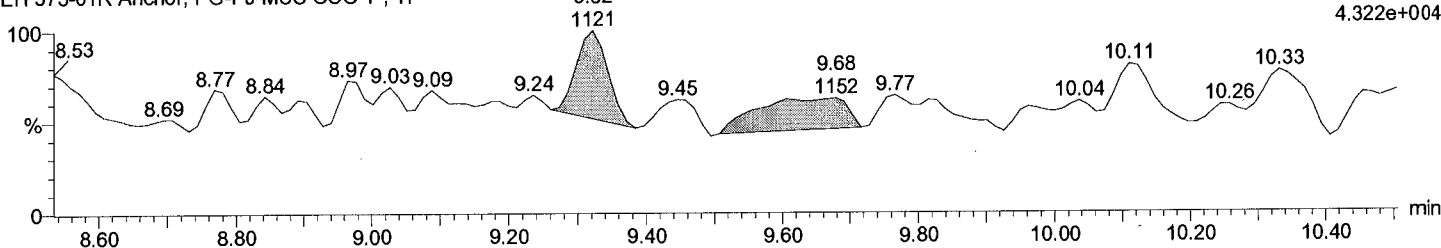
F1:Voltage SIR,EI+  
222.0003  
2.328e+004



Total DiCB F1

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

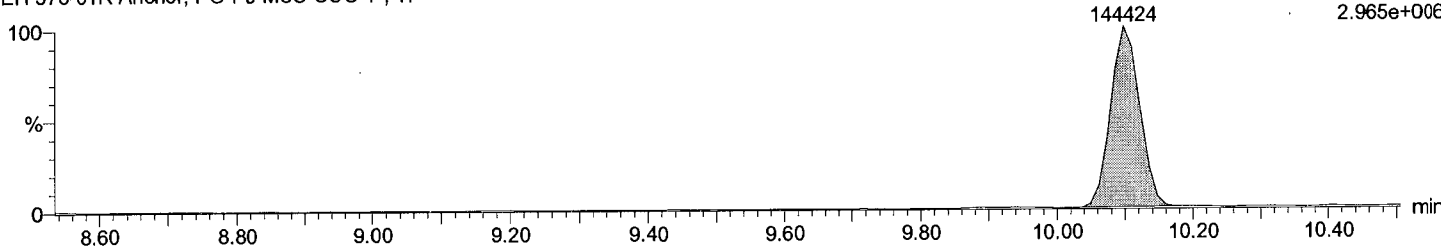
F1:Voltage SIR,EI+  
223.9974  
4.322e+004



Total DiCB labeled F1

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

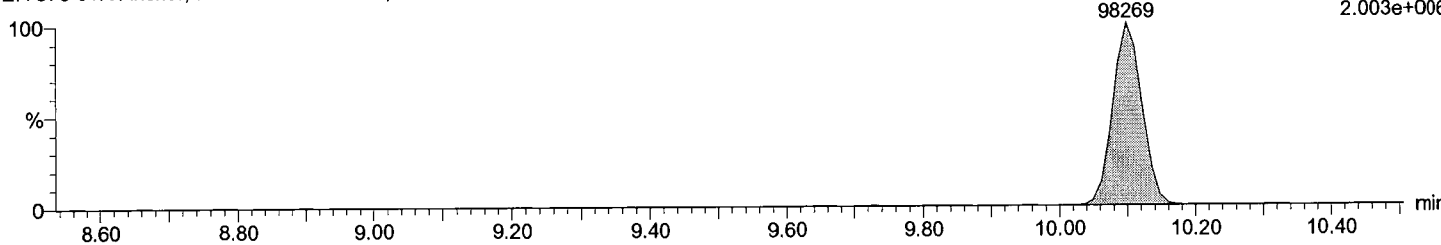
PCB 4L  
10.10  
144424  
F1:Voltage SIR,EI+  
234.0406  
2.965e+006



Total DiCB labeled F1

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 4L  
10.10  
98269  
F1:Voltage SIR,EI+  
236.0376  
2.003e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

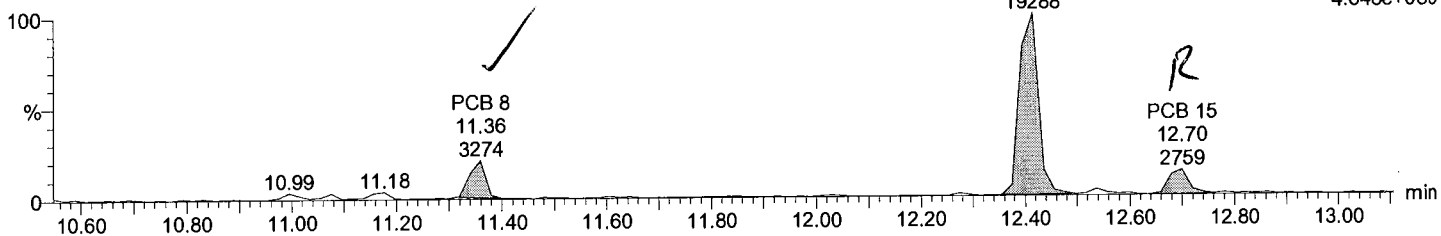
Instrument:

2

Total DiCB F2

M1170609A05  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

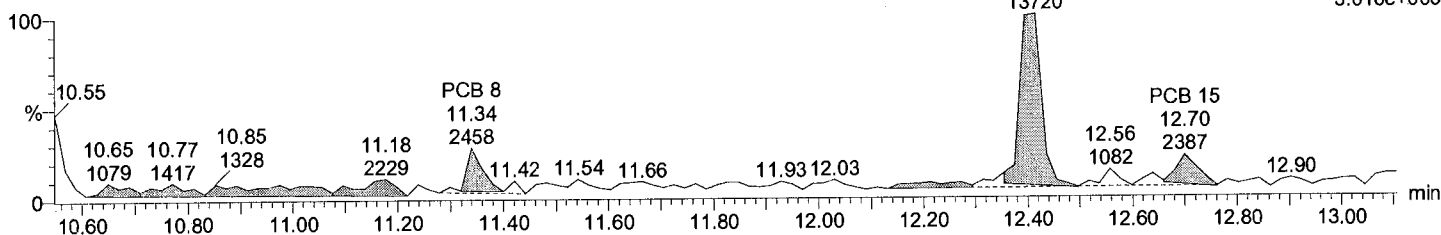
$h = 2.316E3$   
F2:Voltage SIR,EI+  
222.0003  
4.648e+005



Total DiCB F2

M1170609A05  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

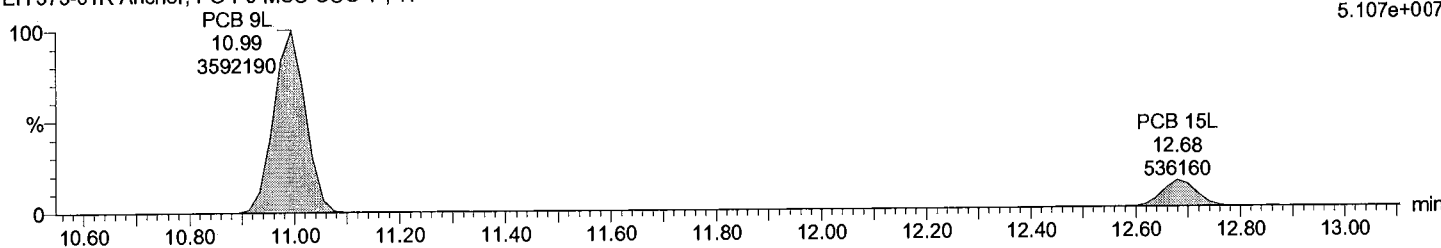
F2:Voltage SIR,EI+  
223.9974  
3.016e+005



Total DiCB labeled F2

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

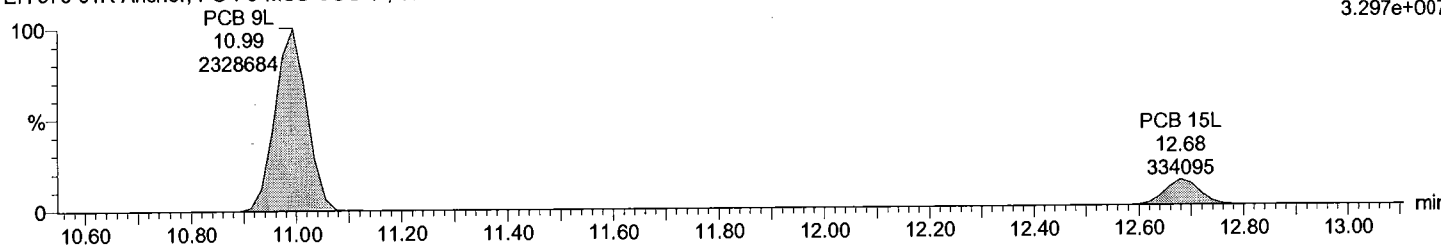
F2:Voltage SIR,EI+  
234.0406  
5.107e+007



Total DiCB labeled F2

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F2:Voltage SIR,EI+  
236.0376  
3.297e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

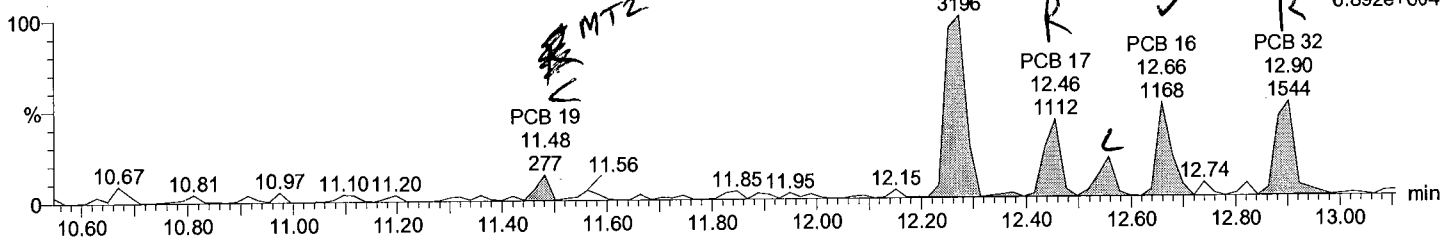
①

Total TriCB F2

M1170609A05  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

h=3.088E3

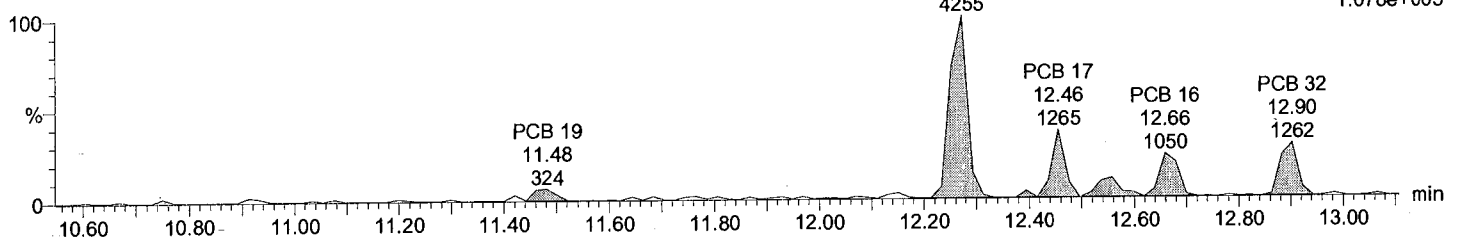
F2:Voltage SIR,EI+  
255.9614  
6.892e+004



Total TriCB F2

M1170609A05  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

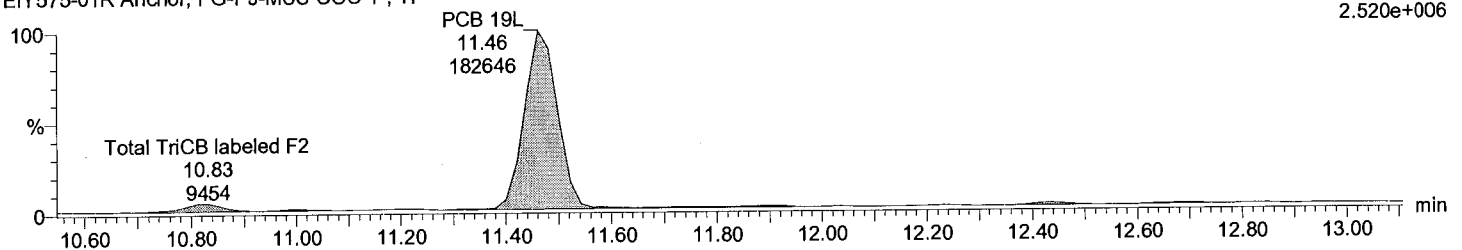
F2:Voltage SIR,EI+  
257.9584  
1.078e+005



Total TriCB labeled F2

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

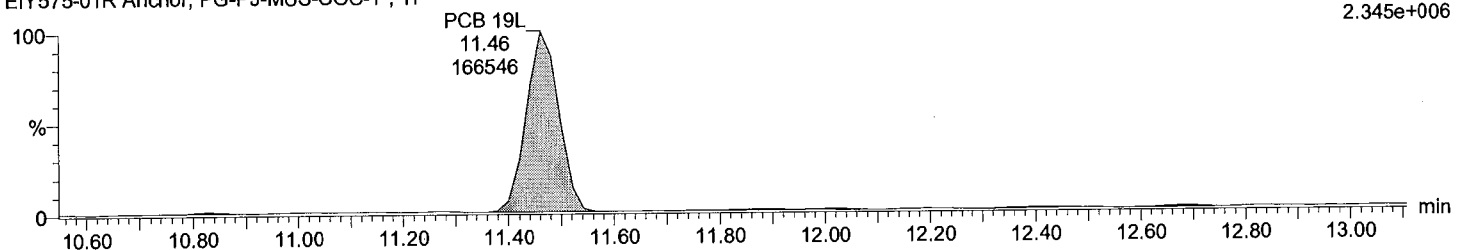
F2:Voltage SIR,EI+  
268.0016  
2.520e+006



Total TriCB labeled F2

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F2:Voltage SIR,EI+  
269.9986  
2.345e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

5

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

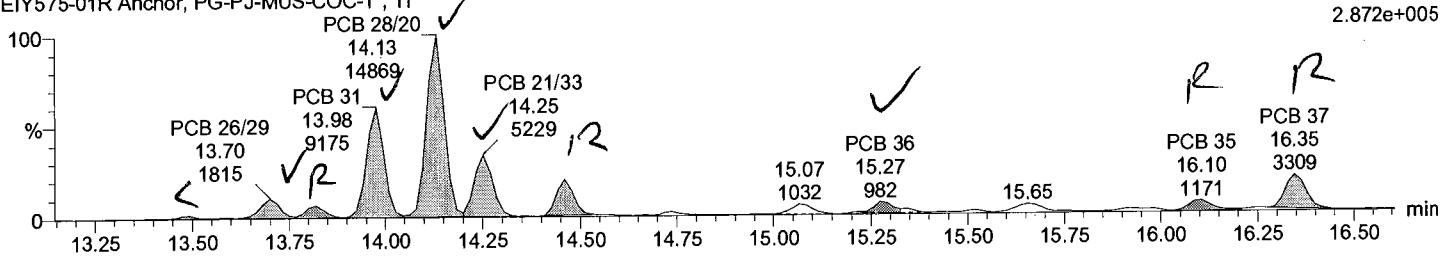
*h=2.495E3*

Total TriCB F3

M1170609A05 Smooth(SG,1x1)

EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F3:Voltage SIR,EI+  
255.9614  
2.872e+005

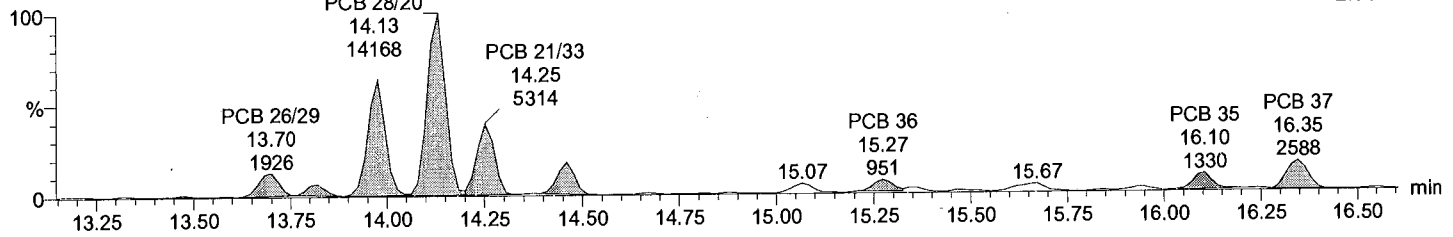


Total TriCB F3

M1170609A05 Smooth(SG,1x1)

EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F3:Voltage SIR,EI+  
257.9584  
2.648e+005

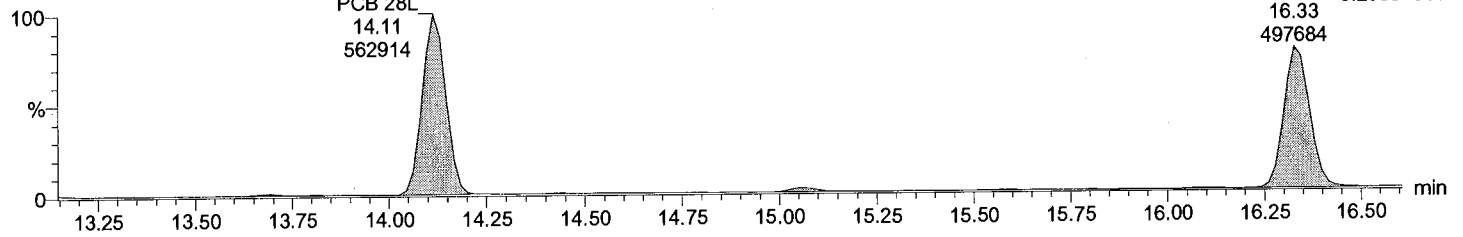


Total TriCB labeled F3

M1170609A05 Smooth(SG,3x1)

EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F3:Voltage SIR,EI+  
268.0016  
PCB 37L 8.293e+006

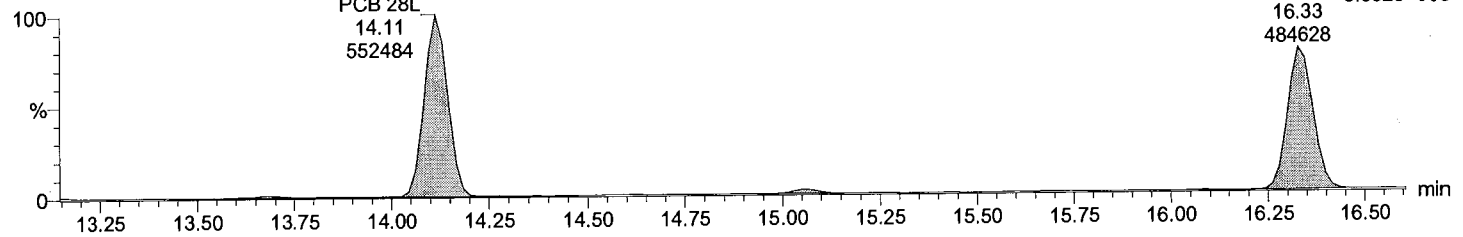


Total TriCB labeled F3

M1170609A05 Smooth(SG,3x1)

EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F3:Voltage SIR,EI+  
269.9986  
PCB 37L 8.092e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

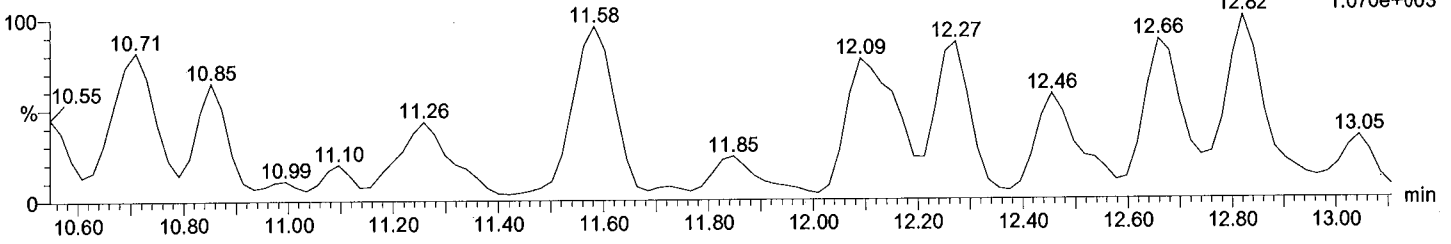
Instrument:

*h=1.070 E3*

Total TeCB F2

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

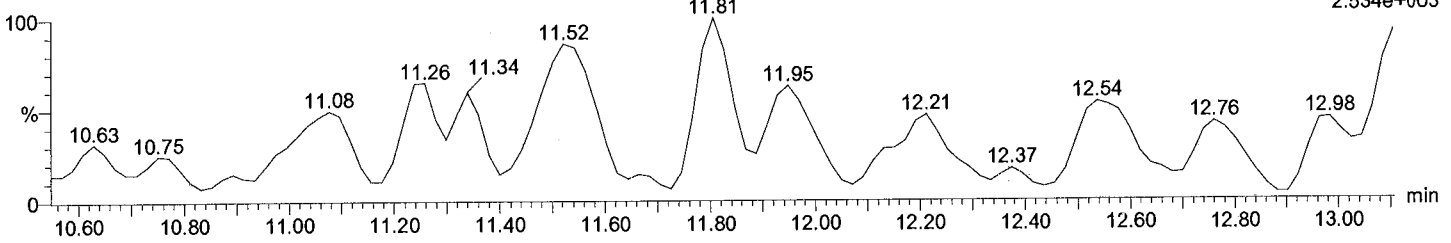
F2:Voltage SIR,EI+  
289.9224  
1.070e+003



Total TeCB F2

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

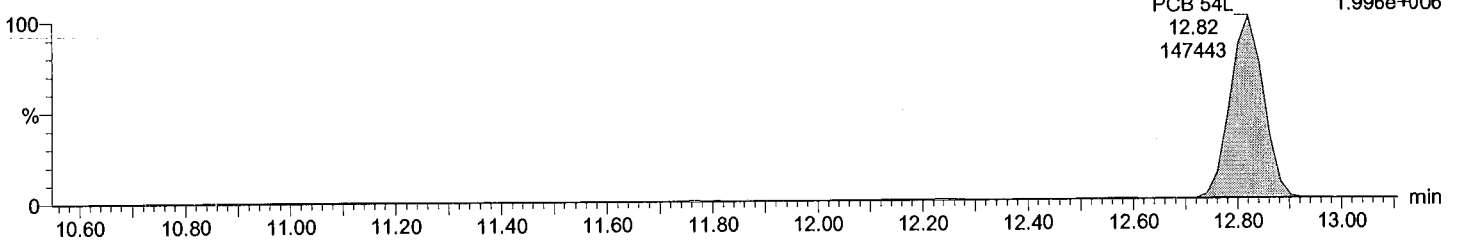
F2:Voltage SIR,EI+  
291.9194  
2.534e+003



Total TeCB labeled F2

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

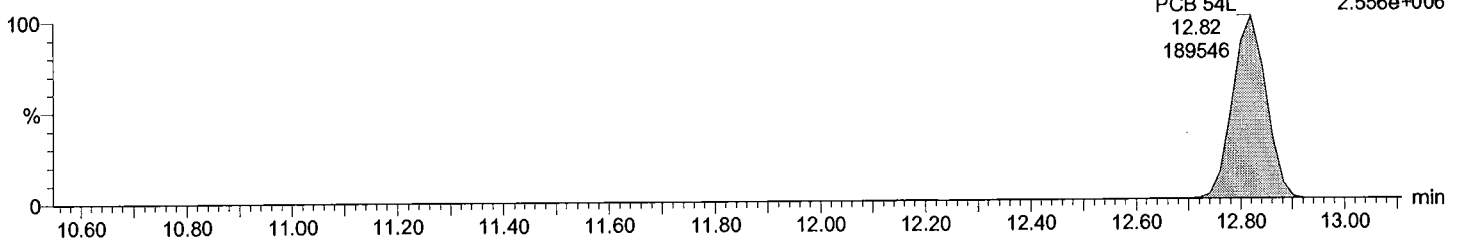
F2:Voltage SIR,EI+  
301.9626  
1.996e+006



Total TeCB labeled F2

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F2:Voltage SIR,EI+  
303.9597  
2.556e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

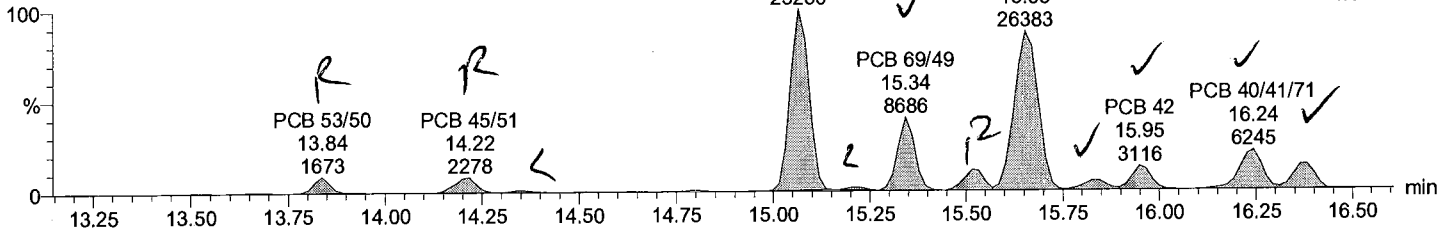
⑦

2.89E3  
h = 5.4E3

Total TeCB F3

M1170609A05 Smooth(SG,1x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

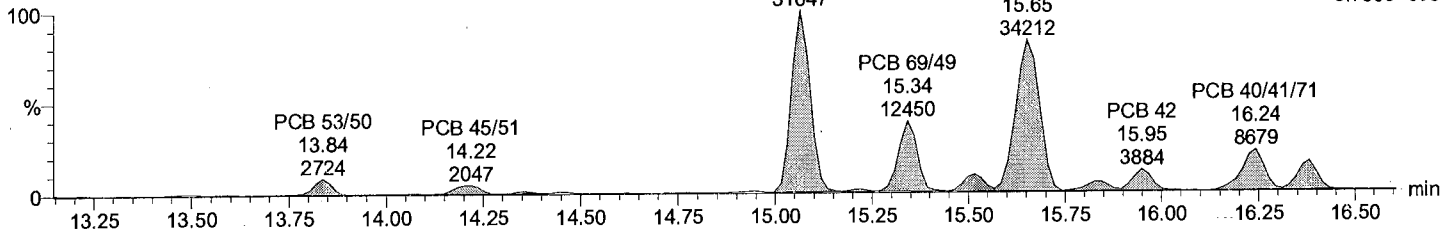
F3:Voltage SIR,EI+  
289.9224  
4.197e+005



Total TeCB F3

M1170609A05 Smooth(SG,1x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

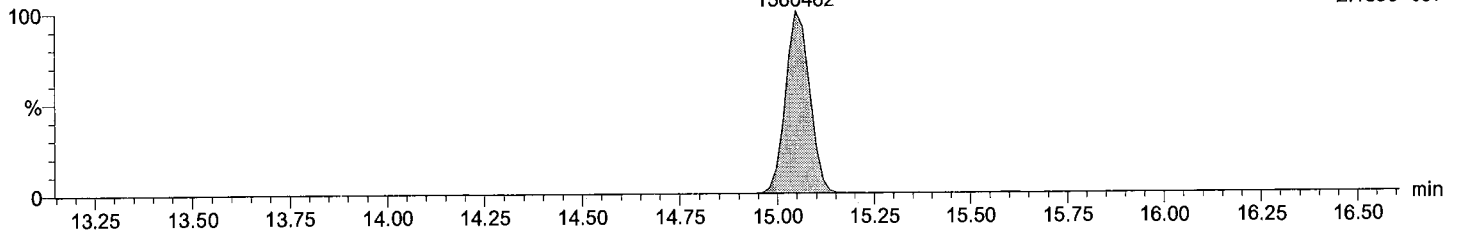
F3:Voltage SIR,EI+  
291.9194  
5.750e+005



Total TeCB labeled F3

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

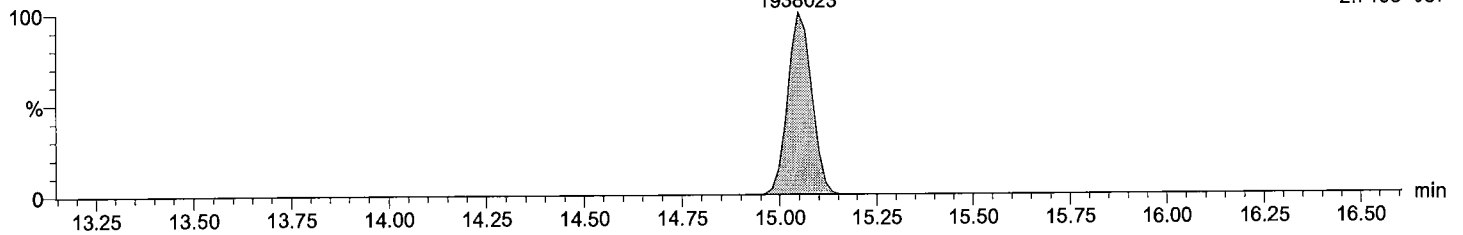
F3:Voltage SIR,EI+  
301.9626  
2.183e+007



Total TeCB labeled F3

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F3:Voltage SIR,EI+  
303.9597  
2.719e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

6

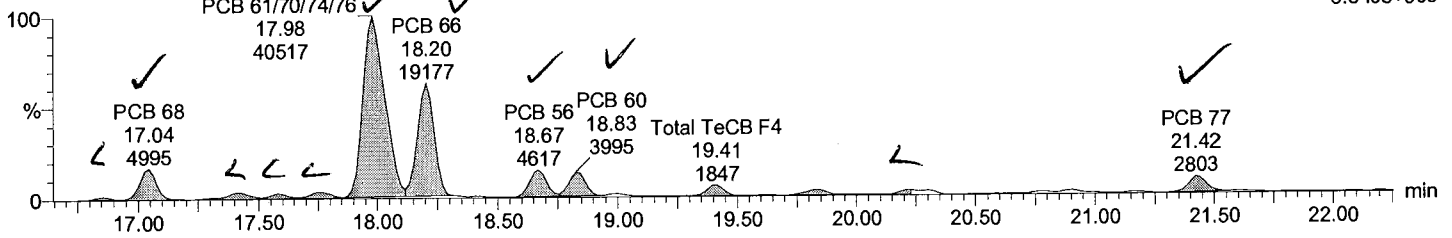
h=54E3

Total TeCB F4

M1170609A05 Smooth(SG,3x1)

EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F4:Voltage SIR,EI+  
289.9224  
3.848e+005

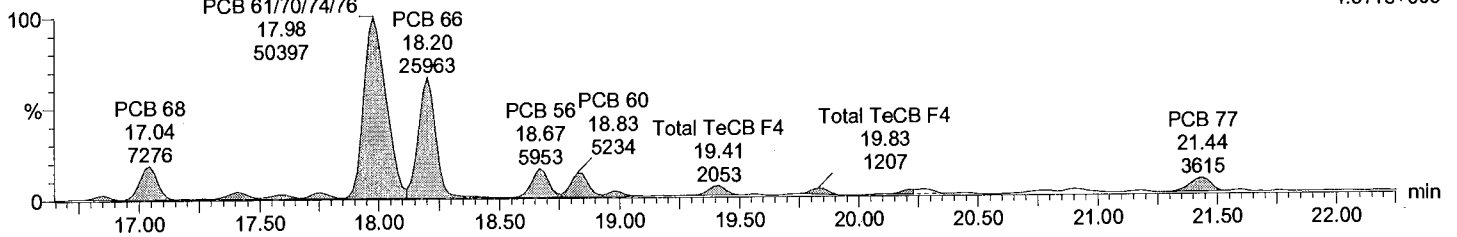


Total TeCB F4

M1170609A05 Smooth(SG,3x1)

EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F4:Voltage SIR,EI+  
291.9194  
4.671e+005

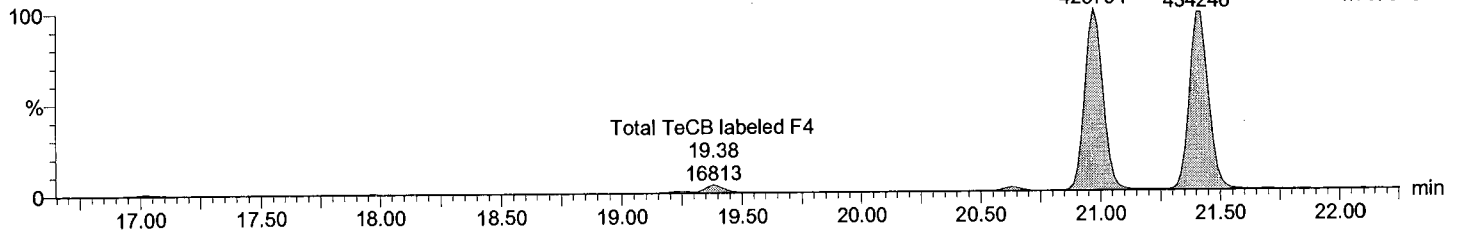


Total TeCB labeled F4

M1170609A05 Smooth(SG,3x1)

EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 81L 20.97 425794  
PCB 77L 21.41 434246  
F4:Voltage SIR,EI+  
301.9626  
4.787e+006

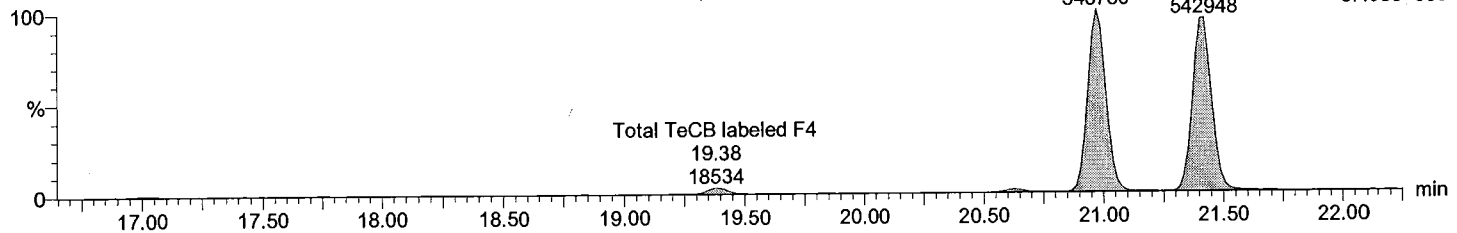


Total TeCB labeled F4

M1170609A05 Smooth(SG,3x1)

EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 81L 20.97 546750  
PCB 77L 21.42 542948  
F4:Voltage SIR,EI+  
303.9597  
6.199e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

⊙

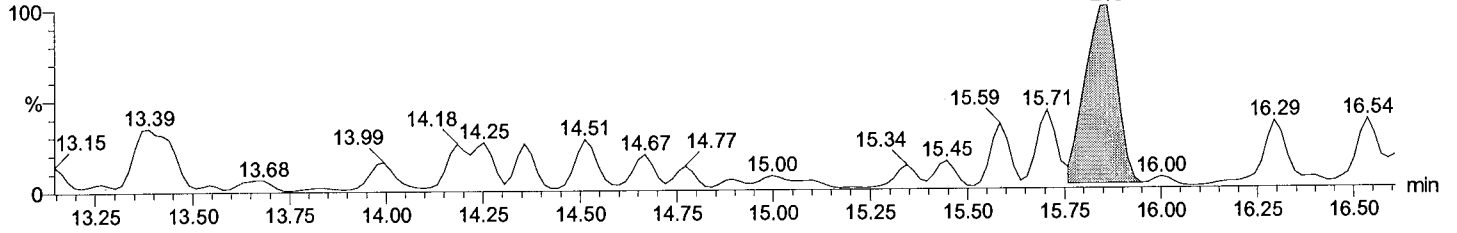
⌒

h=2.314E3

Total PeCB F3

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

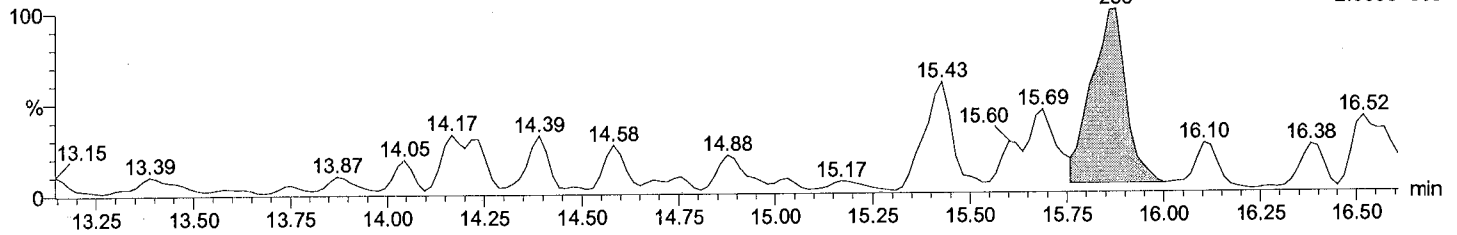
F3:Voltage SIR,EI+  
325.8805  
2.314e+003



Total PeCB F3

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

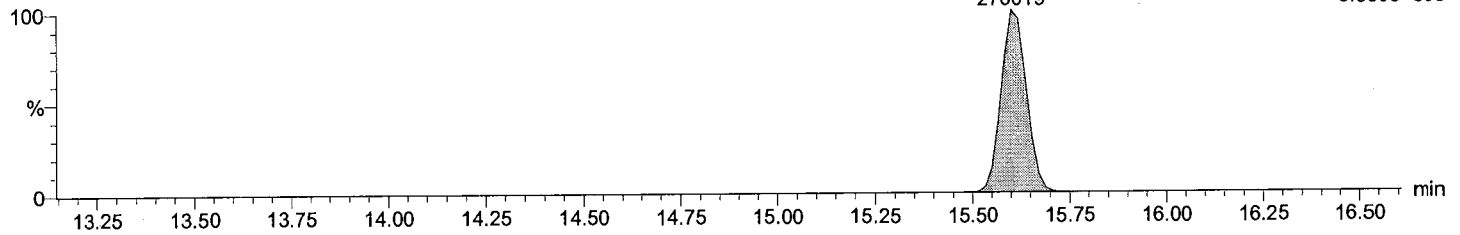
F3:Voltage SIR,EI+  
327.8775  
2.569e+003



Total PeCB labeled F3

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

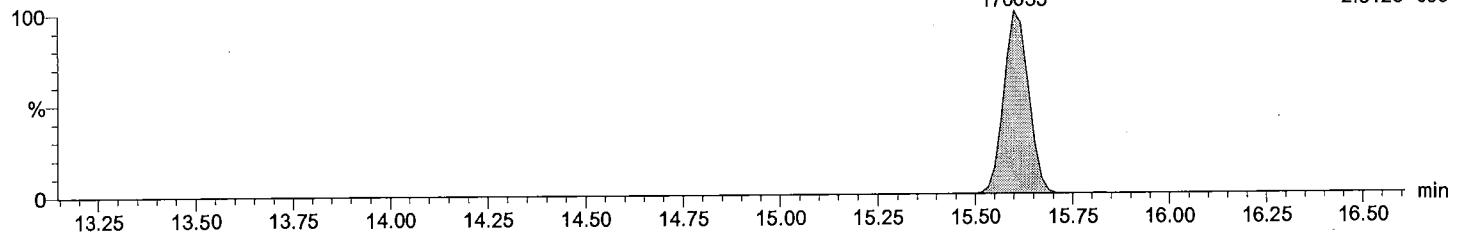
F3:Voltage SIR,EI+  
337.9207  
3.680e+006



Total PeCB labeled F3

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F3:Voltage SIR,EI+  
339.9178  
2.312e+006





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

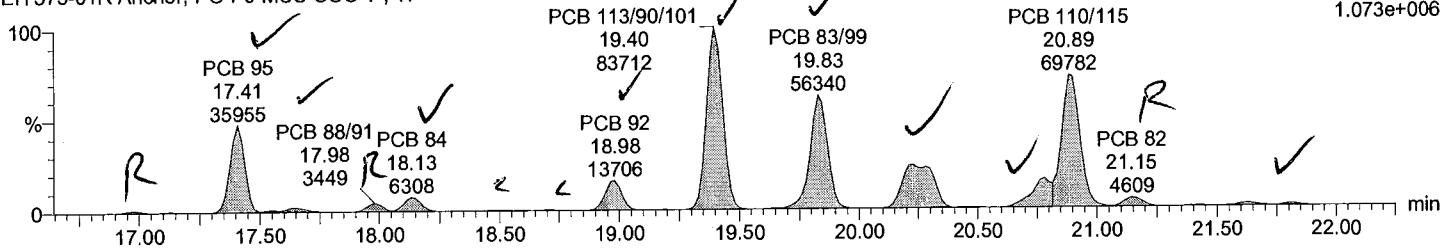
10

$h=1.804E3$

Total PeCB F4

M1170609A05 Smooth(SG,2x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

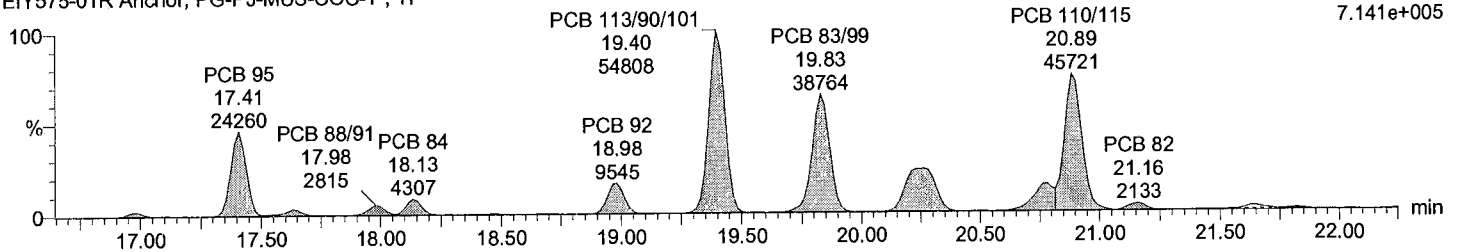
F4:Voltage SIR,EI+  
325.8805  
1.073e+006



Total PeCB F4

M1170609A05 Smooth(SG,2x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

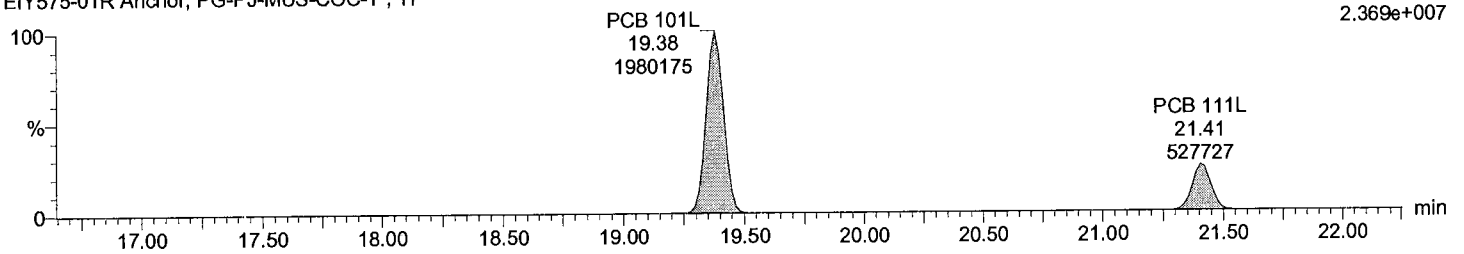
F4:Voltage SIR,EI+  
327.8775  
7.141e+005



Total PeCB labeled F4

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

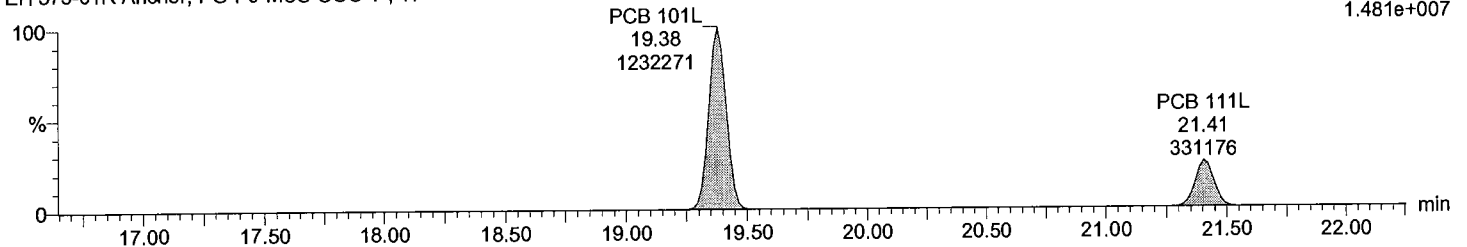
F4:Voltage SIR,EI+  
337.9207  
2.369e+007



Total PeCB labeled F4

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F4:Voltage SIR,EI+  
339.9178  
1.481e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

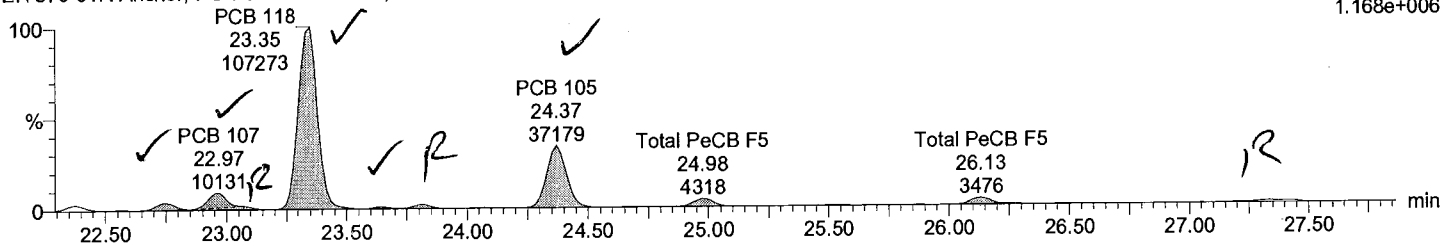
5

h=1.06E3

Total PeCB F5

M1170609A05 Smooth(SG,2x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

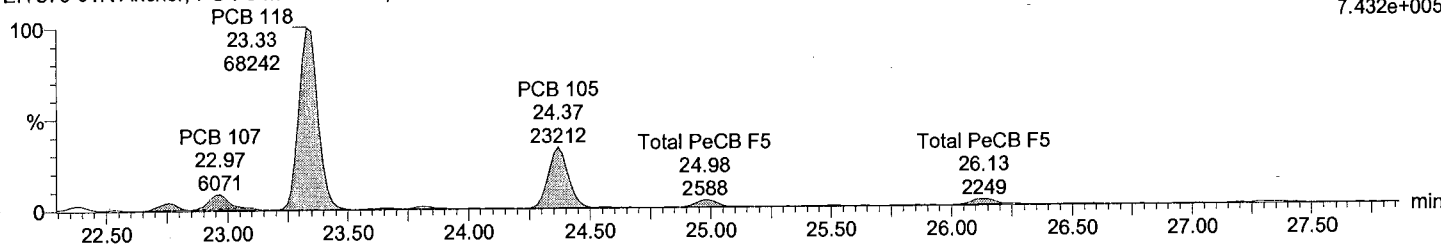
F5:Voltage SIR,EI+  
325.8805  
1.168e+006



Total PeCB F5

M1170609A05 Smooth(SG,2x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

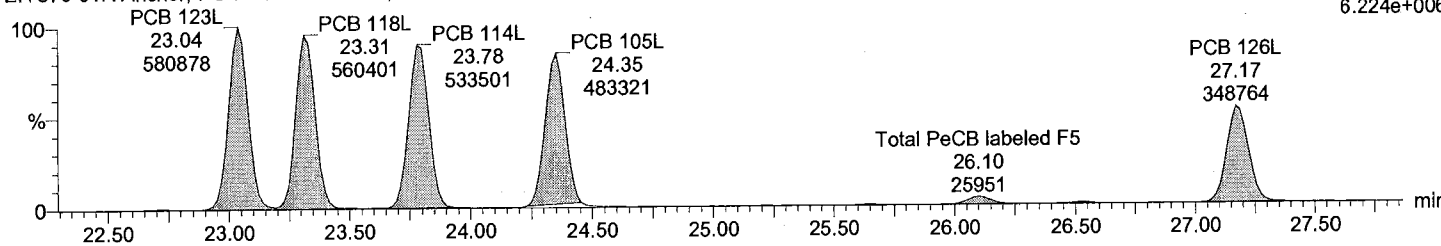
F5:Voltage SIR,EI+  
327.8775  
7.432e+005



Total PeCB labeled F5

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

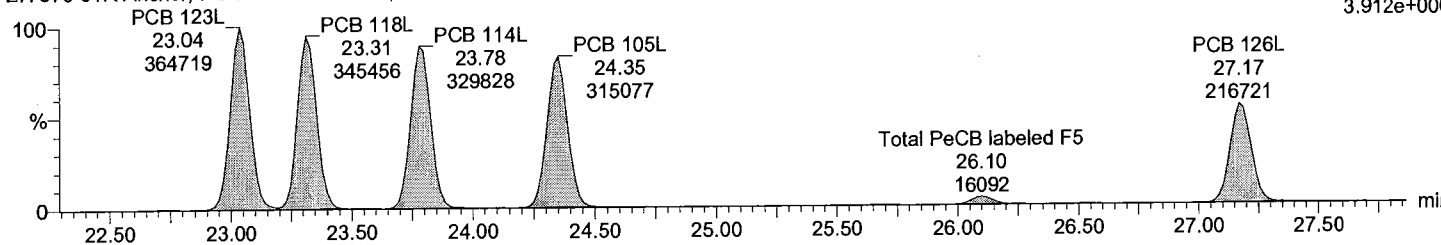
F5:Voltage SIR,EI+  
337.9207  
6.224e+006



Total PeCB labeled F5

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F5:Voltage SIR,EI+  
339.9178  
3.912e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

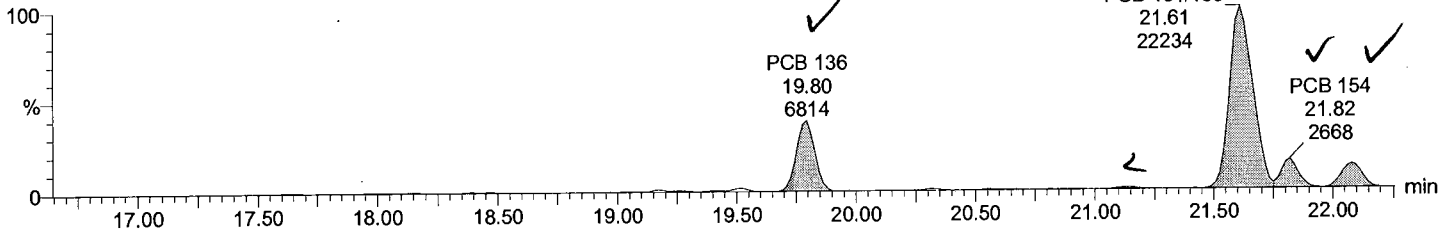
(4)

Total HxCB F4

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

n=1,725 E3

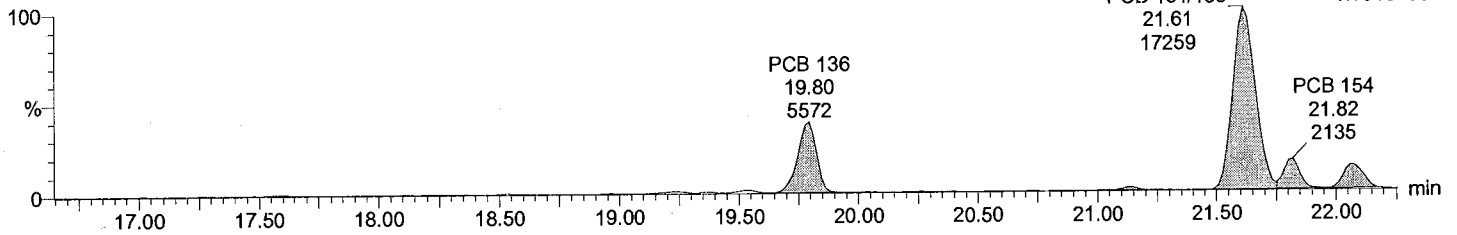
F4:Voltage SIR,EI+  
359.8415  
1.990e+005



Total HxCB F4

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

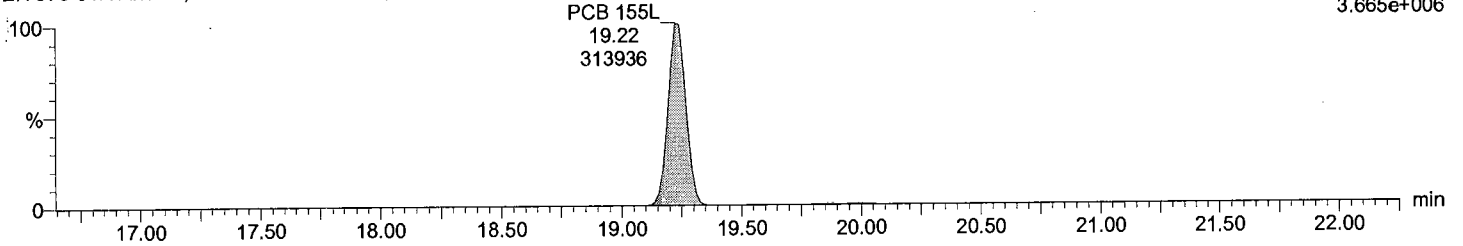
F4:Voltage SIR,EI+  
361.8385  
1.591e+005



Total HxCB labeled F4

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

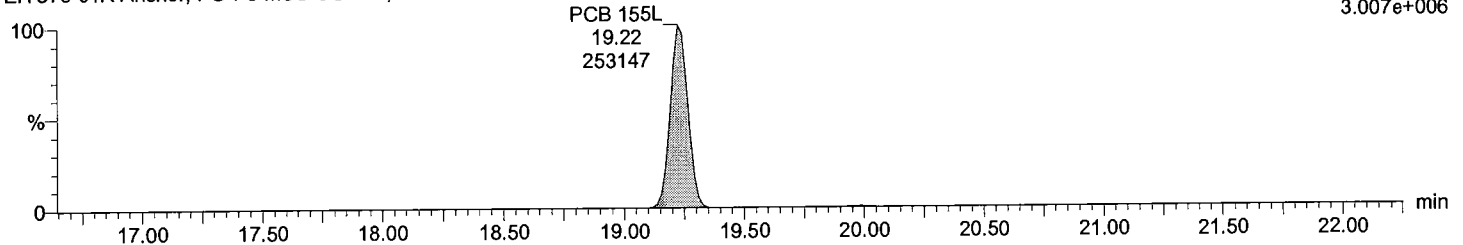
F4:Voltage SIR,EI+  
371.8817  
3.665e+006



Total HxCB labeled F4

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F4:Voltage SIR,EI+  
373.8788  
3.007e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

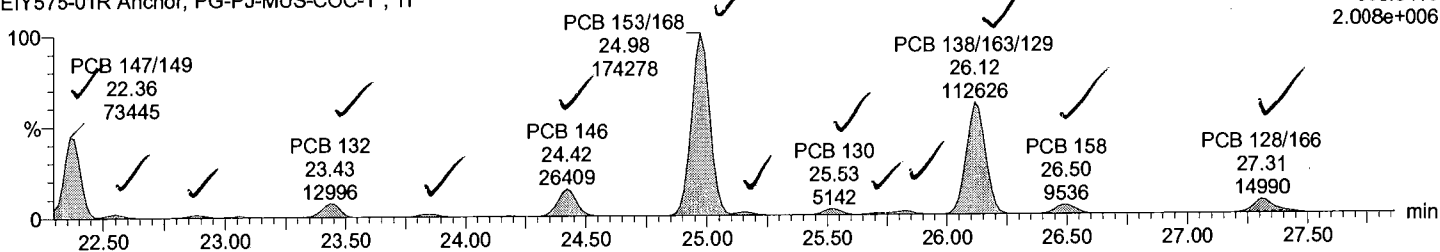
14

h=1.567E3

Total HxCB F5

M1170609A05 Smooth(SG,1x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

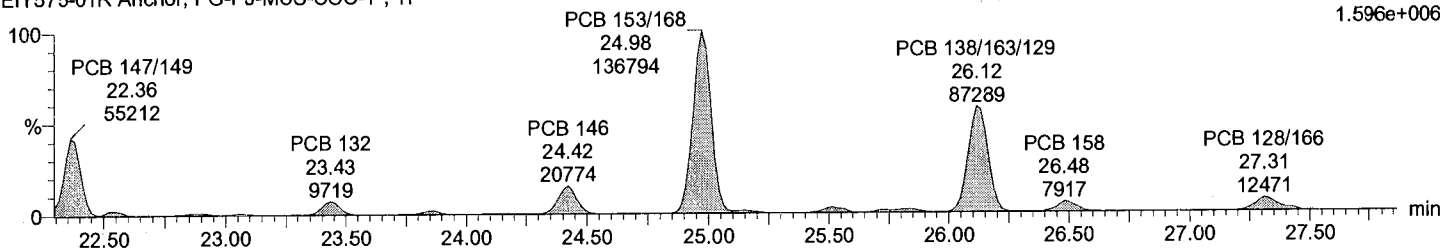
F5:Voltage SIR,EI+  
359.8415  
2.008e+006



Total HxCB F5

M1170609A05 Smooth(SG,1x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

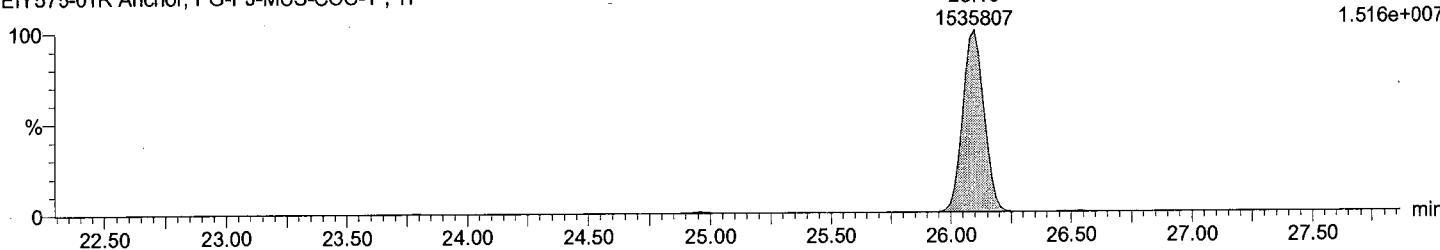
F5:Voltage SIR,EI+  
361.8385  
1.596e+006



Total HxCB labeled F5

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

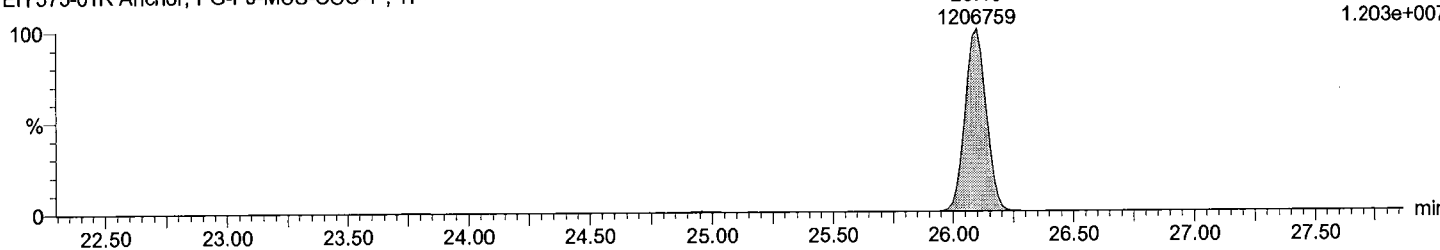
F5:Voltage SIR,EI+  
371.8817  
1.516e+007



Total HxCB labeled F5

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F5:Voltage SIR,EI+  
373.8788  
1.203e+007



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

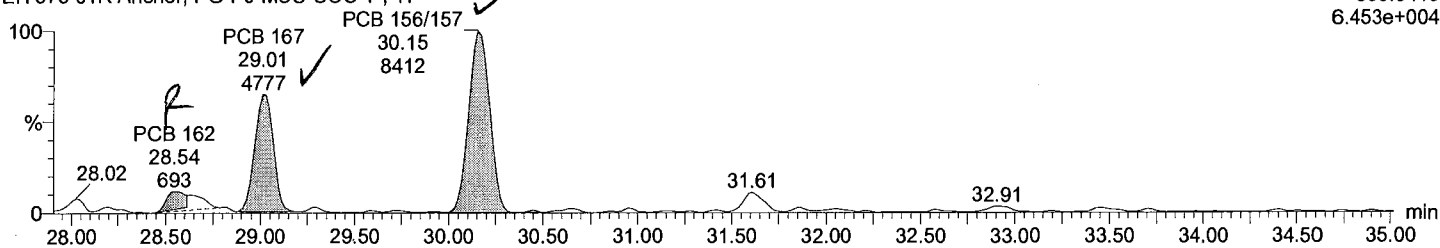
2

$h=1.47E3$

Total HxCB F6

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

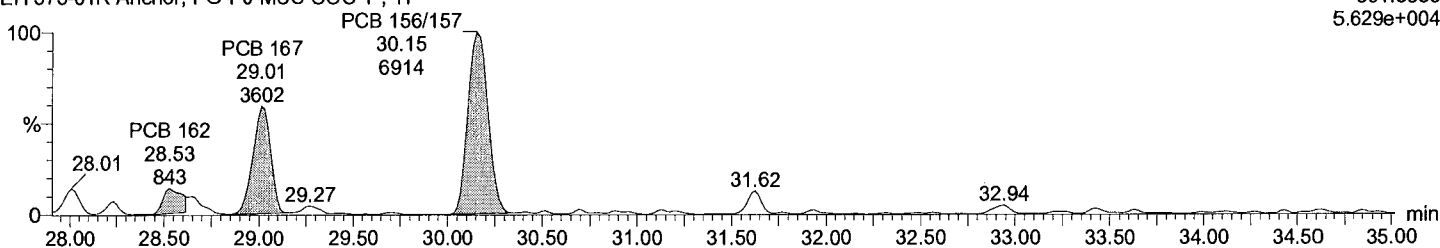
F6:Voltage SIR,EI+  
359.8415  
6.453e+004



Total HxCB F6

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

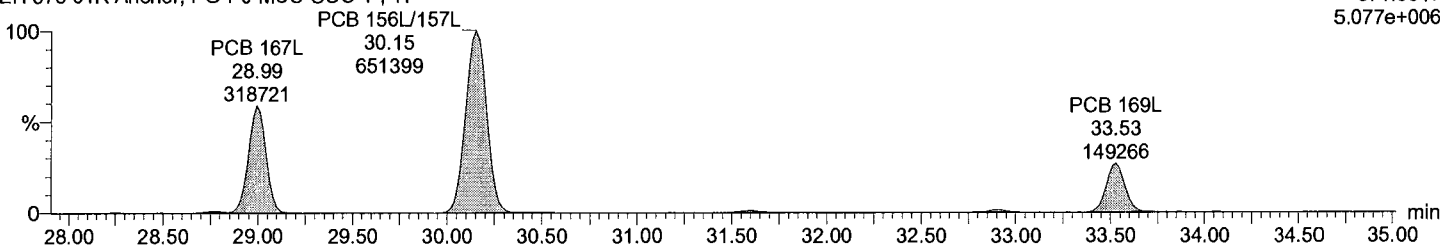
F6:Voltage SIR,EI+  
361.8385  
5.629e+004



Total HxCB labeled F6

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

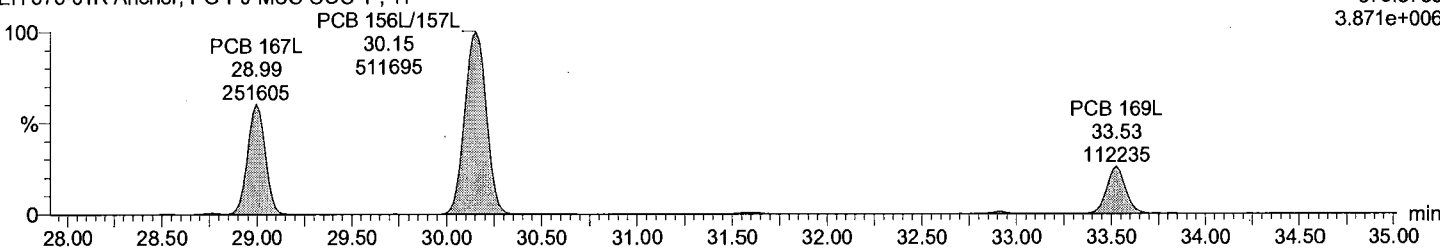
F6:Voltage SIR,EI+  
371.8817  
5.077e+006



Total HxCB labeled F6

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F6:Voltage SIR,EI+  
373.8788  
3.871e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

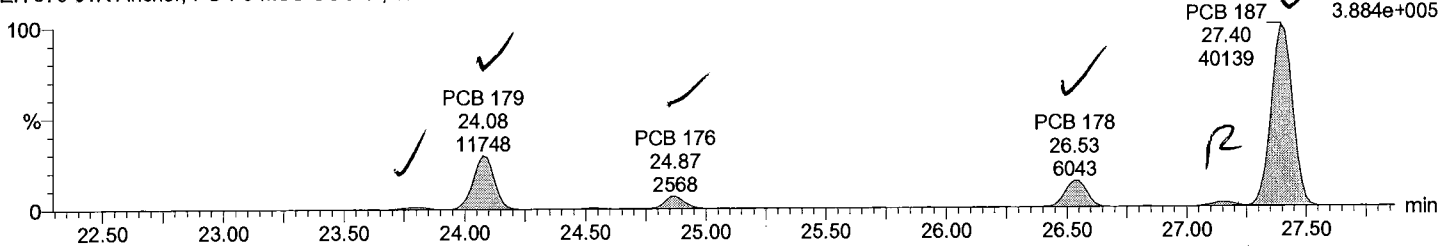
Instrument:

5

Total HpCB F5

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

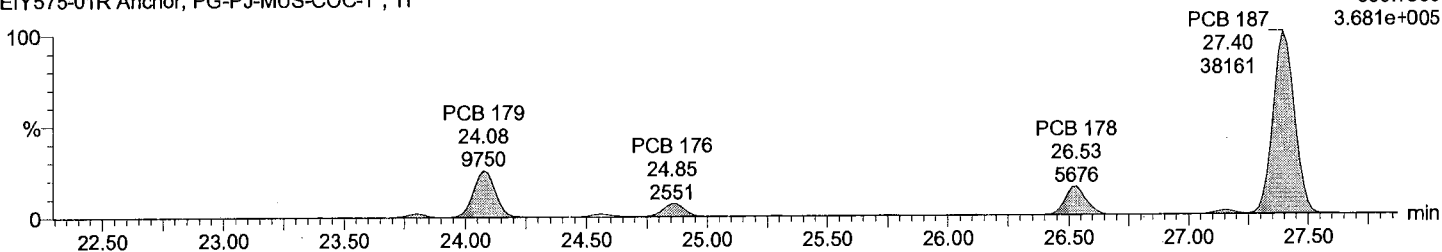
h=1,267E3



Total HpCB F5

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

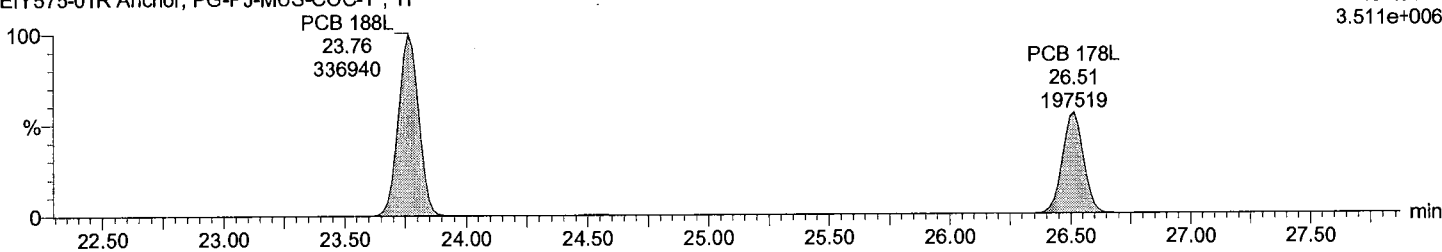
F5:Voltage SIR,EI+ 395.7995, 3.681e+005



Total HpCB labeled F5

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

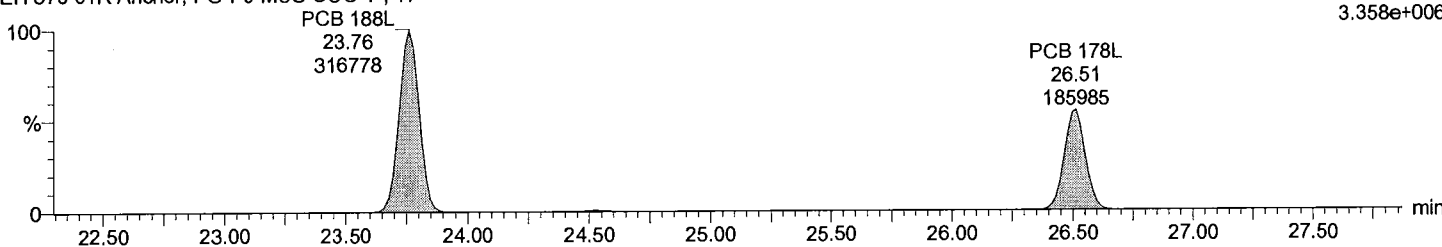
F5:Voltage SIR,EI+ 405.8428, 3.511e+006



Total HpCB labeled F5

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F5:Voltage SIR,EI+ 407.8398, 3.358e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

7

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

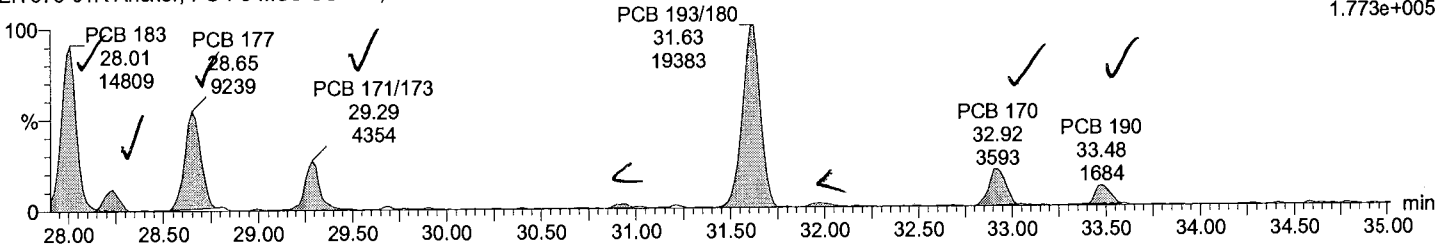
Instrument:

$h=2.107E3$

Total HpCB F6

M1170609A05 Smooth(SG,1x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

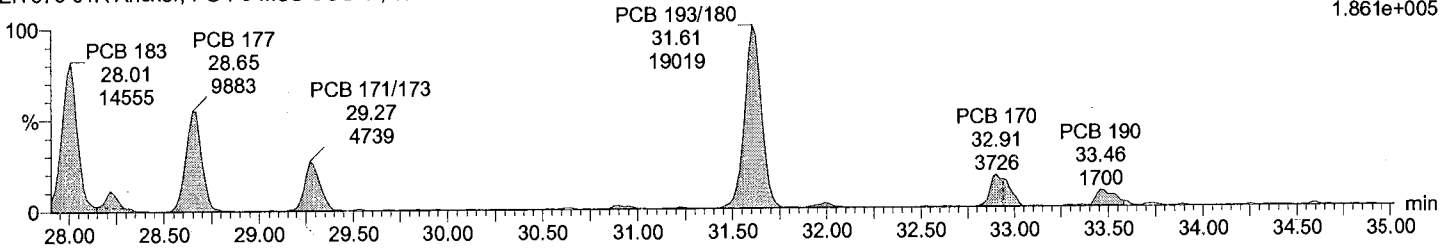
F6:Voltage SIR,EI+  
393.8025  
1.773e+005



Total HpCB F6

M1170609A05 Smooth(SG,1x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

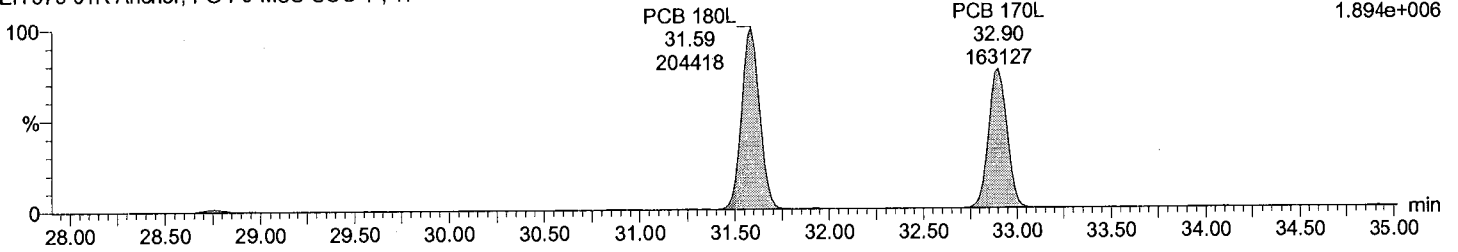
F6:Voltage SIR,EI+  
395.7995  
1.861e+005



Total HpCB labeled F6

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

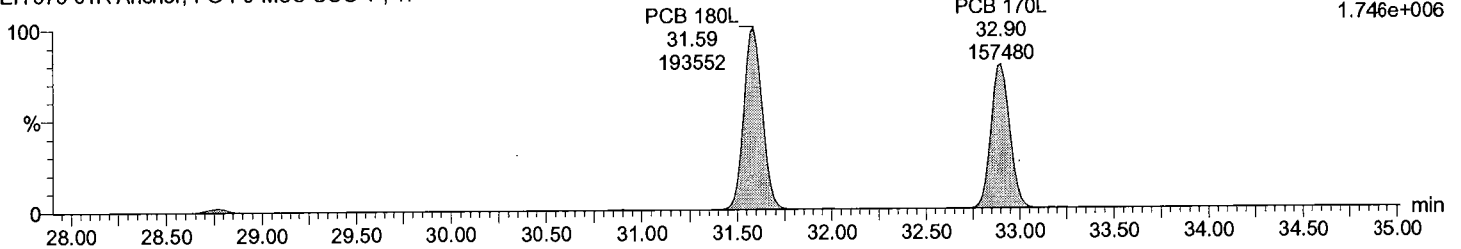
F6:Voltage SIR,EI+  
405.8428  
1.894e+006



Total HpCB labeled F6

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F6:Voltage SIR,EI+  
407.8398  
1.746e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

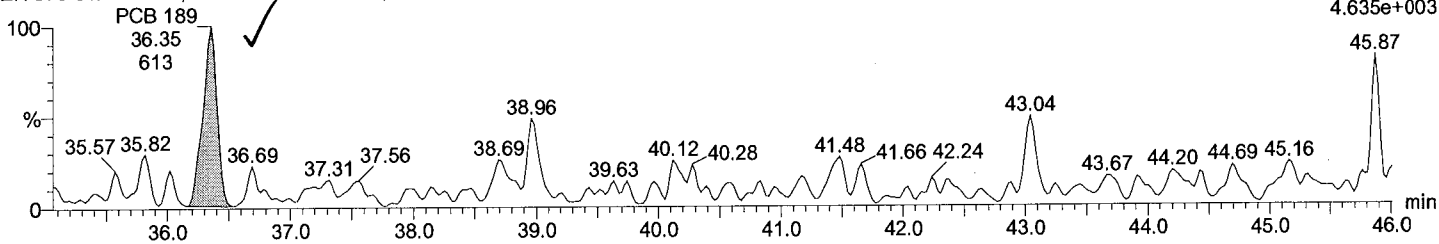
①

*h = 9,941E2*

Total HpCB F7

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

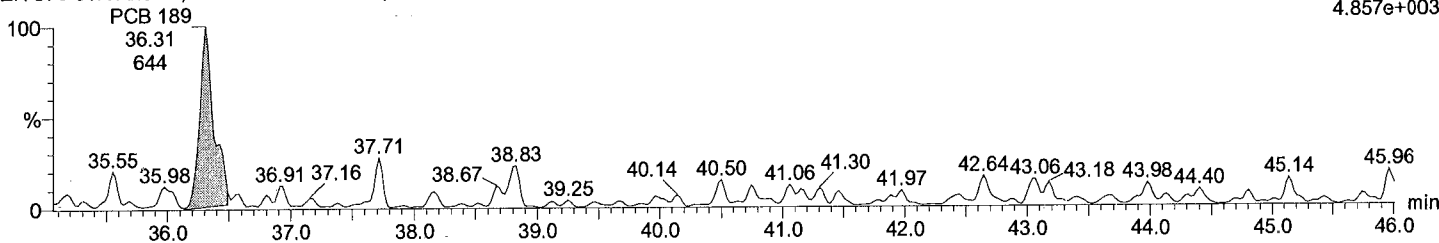
F7:Voltage SIR,EI+  
393.8025  
4.635e+003



Total HpCB F7

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

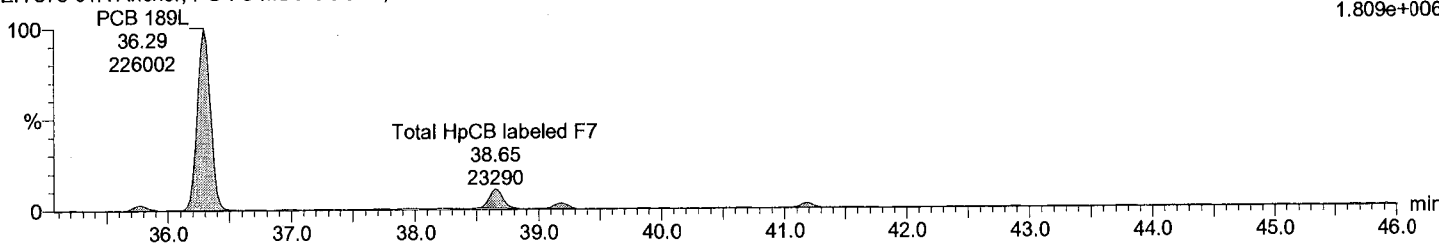
F7:Voltage SIR,EI+  
395.7995  
4.857e+003



Total HpCB labeled F7

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

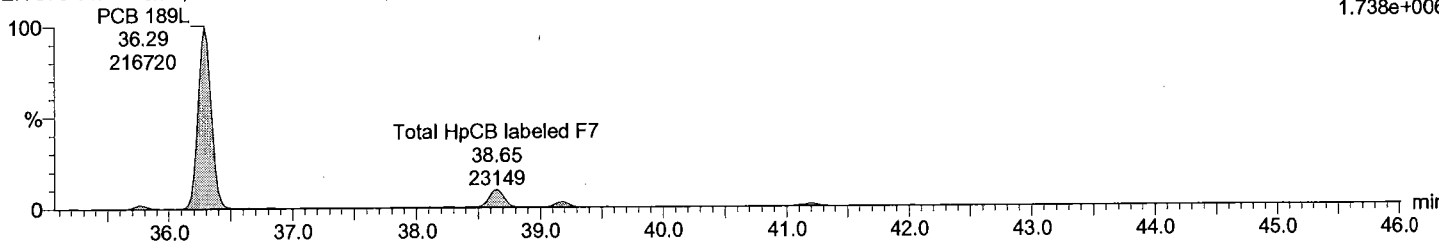
F7:Voltage SIR,EI+  
405.8428  
1.809e+006



Total HpCB labeled F7

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F7:Voltage SIR,EI+  
407.8398  
1.738e+006





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

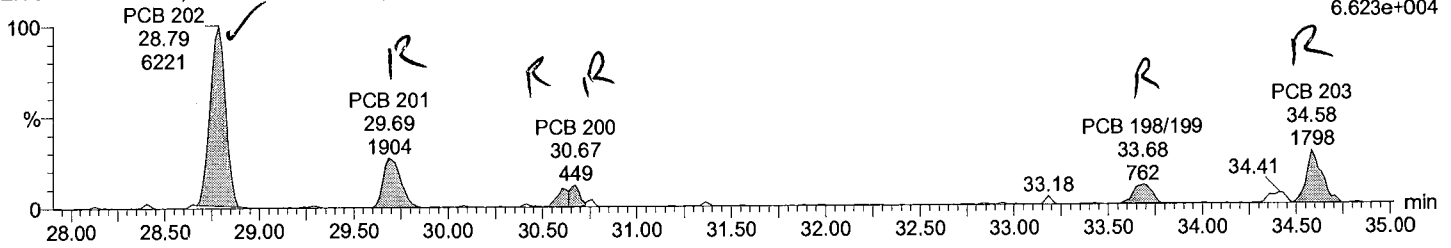
①

$h=1,358 E3$

Total OcCB F6

M1170609A05 Smooth(SG,1x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

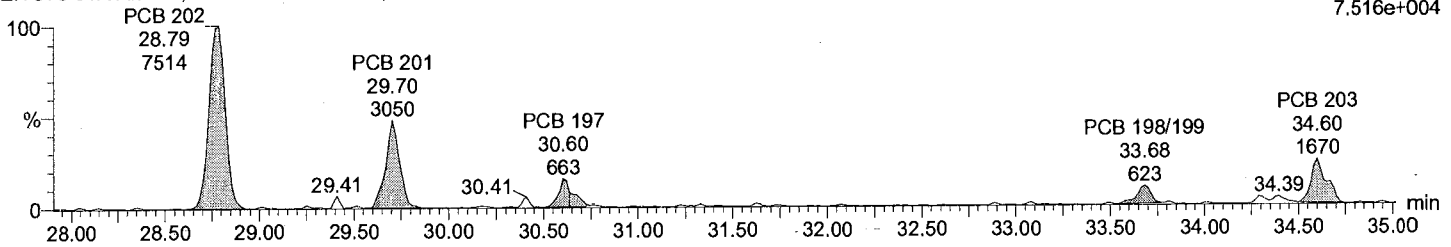
F6:Voltage SIR,EI+  
427.7635  
6.623e+004



Total OcCB F6

M1170609A05 Smooth(SG,1x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

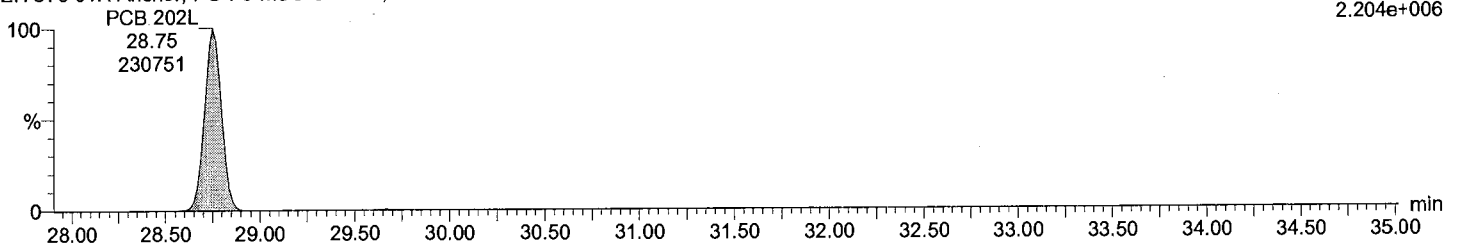
F6:Voltage SIR,EI+  
429.7606  
7.516e+004



Total OcCB labeled F6

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

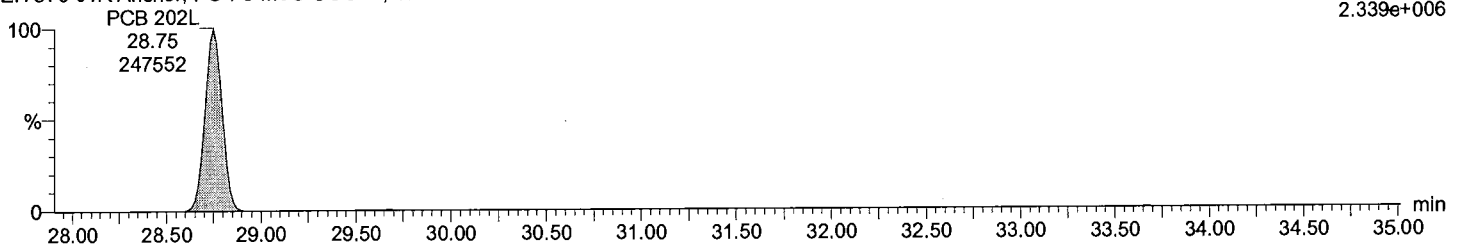
F6:Voltage SIR,EI+  
439.8038  
2.204e+006



Total OcCB labeled F6

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F6:Voltage SIR,EI+  
441.8008  
2.339e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time  
Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

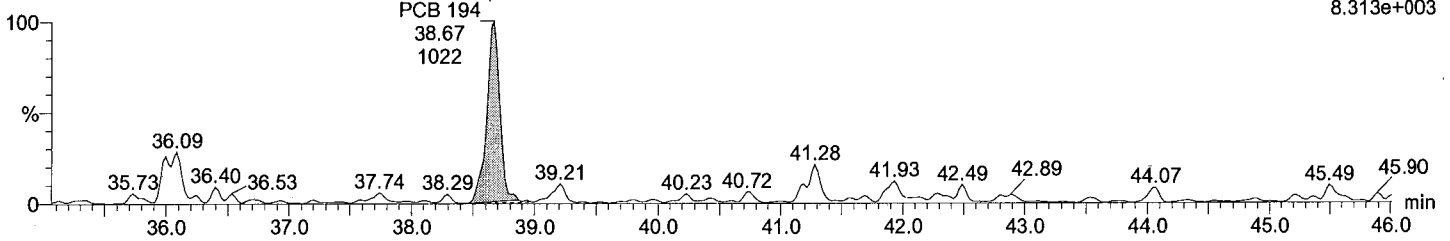
*6*

*h = 7.845 E2*

**Total OcCB F7**

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

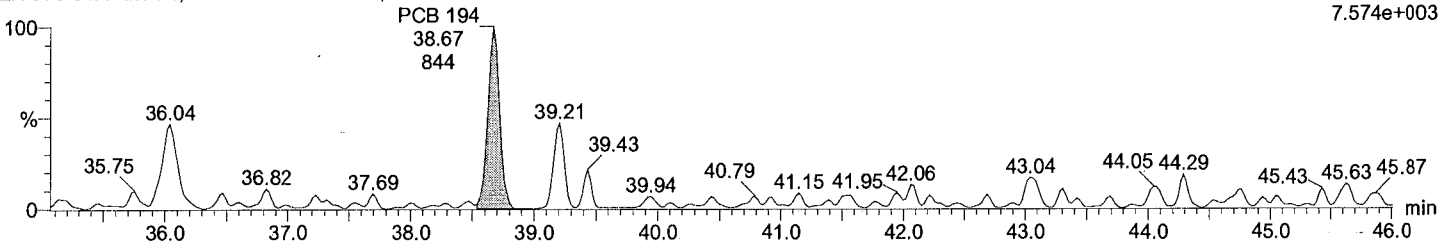
F7:Voltage SIR,EI+  
427.7635  
8.313e+003



**Total OcCB F7**

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

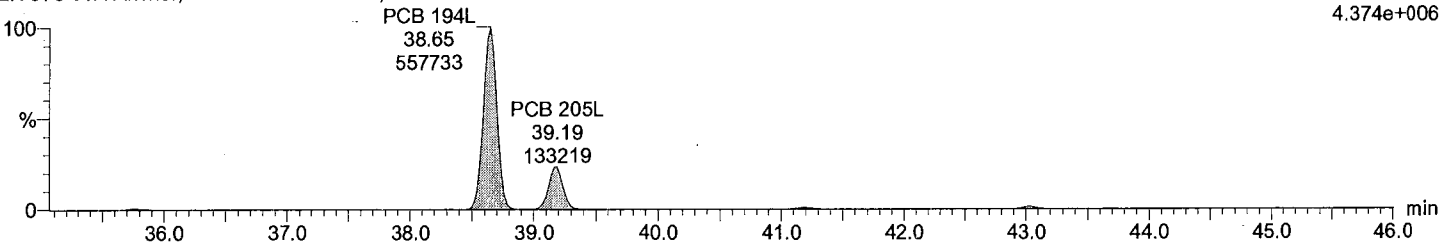
F7:Voltage SIR,EI+  
429.7606  
7.574e+003



**Total OcCB labeled F7**

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

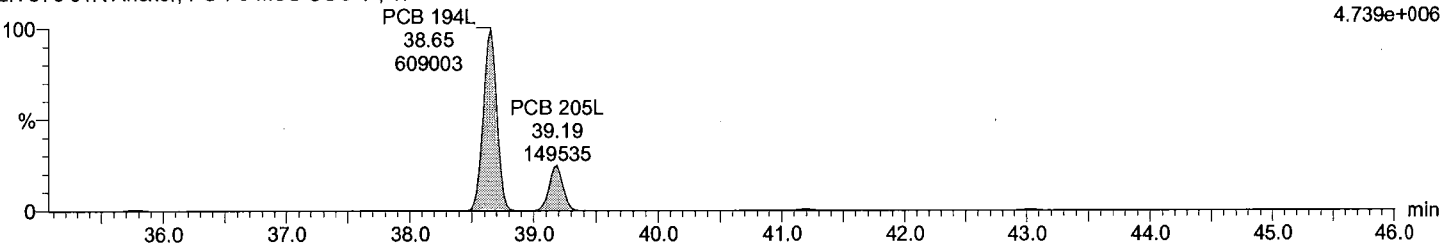
F7:Voltage SIR,EI+  
439.8038  
4.374e+006



**Total OcCB labeled F7**

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F7:Voltage SIR,EI+  
441.8008  
4.739e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

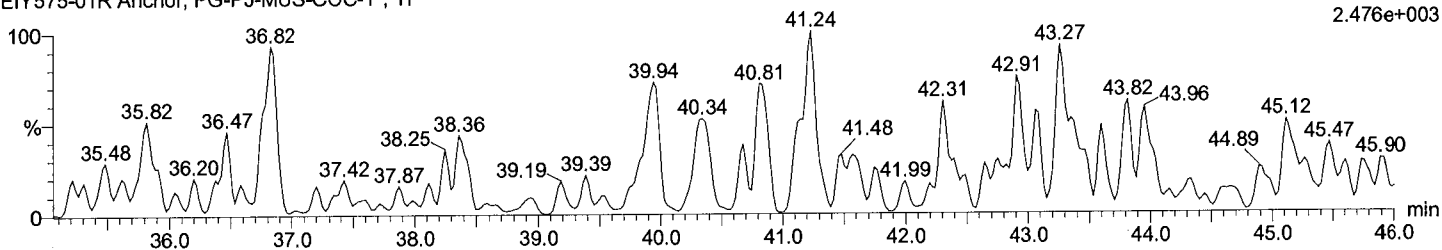
Instrument:

h=2476E3

Total NoCB F7

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

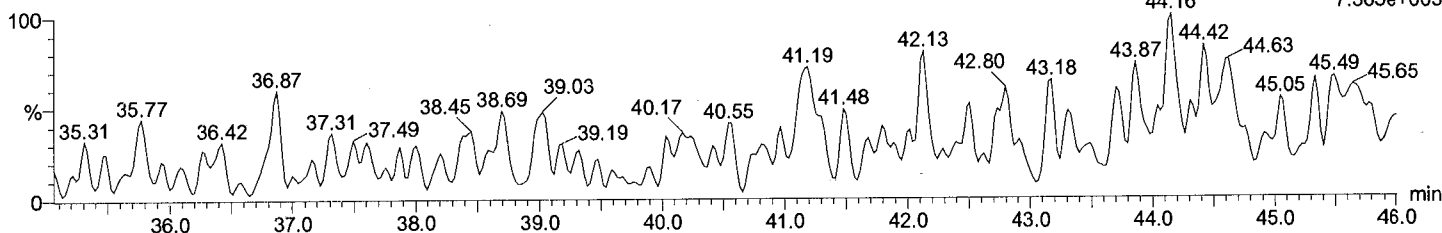
F7:Voltage SIR,EI+  
461.7246  
2.476e+003



Total NoCB F7

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

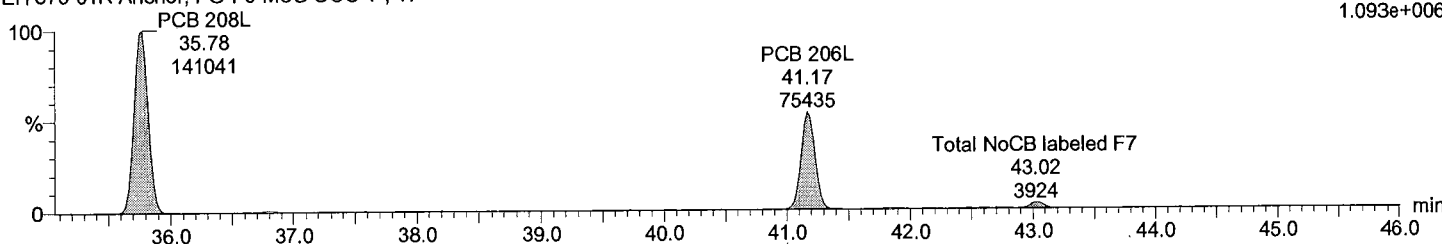
F7:Voltage SIR,EI+  
463.7216  
7.365e+003



Total NoCB labeled F7

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

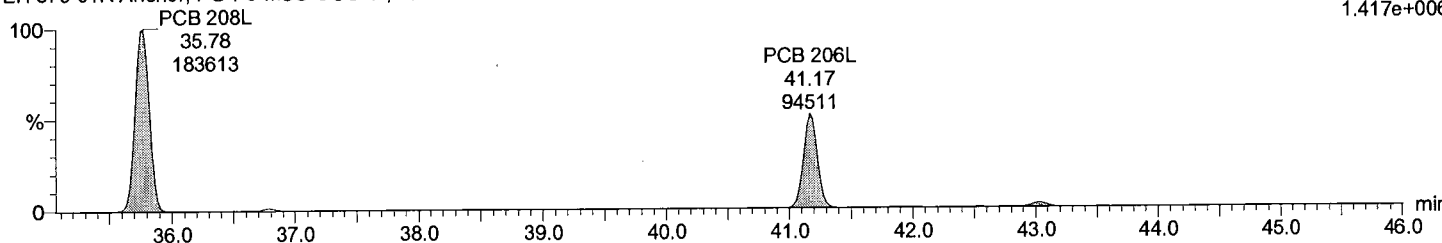
F7:Voltage SIR,EI+  
473.7648  
1.093e+006



Total NoCB labeled F7

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

F7:Voltage SIR,EI+  
475.7619  
1.417e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

Time: 14:02:39

Instrument:

①

✓

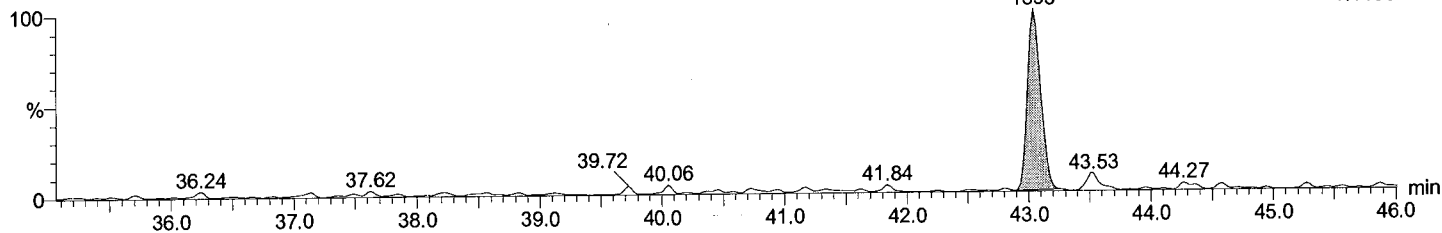
$h = 5.712E2$

Total DeCB F7

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 209  
43.04  
1393

F7:Voltage SIR,EI+  
497.6826  
1.116e+004

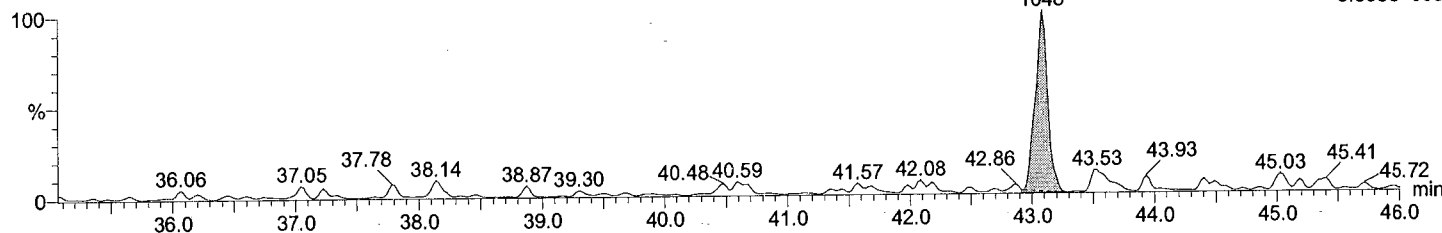


Total DeCB F7

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 209  
43.09  
1048

F7:Voltage SIR,EI+  
499.6797  
8.858e+003

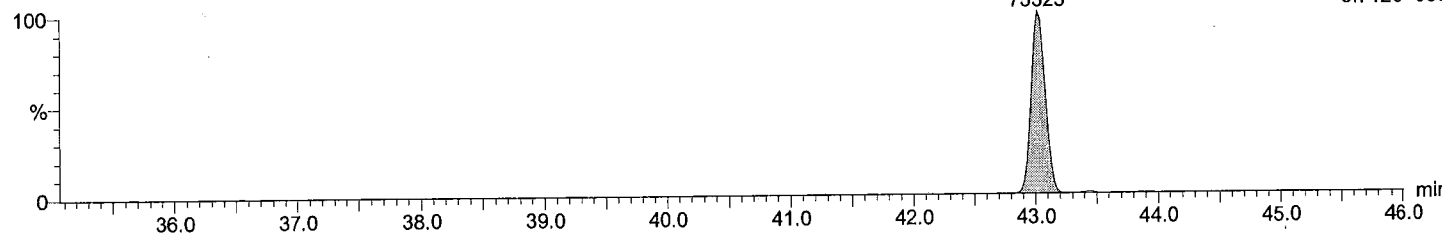


Total DeCB labeled F7

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 209L  
43.02  
75325

F7:Voltage SIR,EI+  
509.7229  
5.712e+005

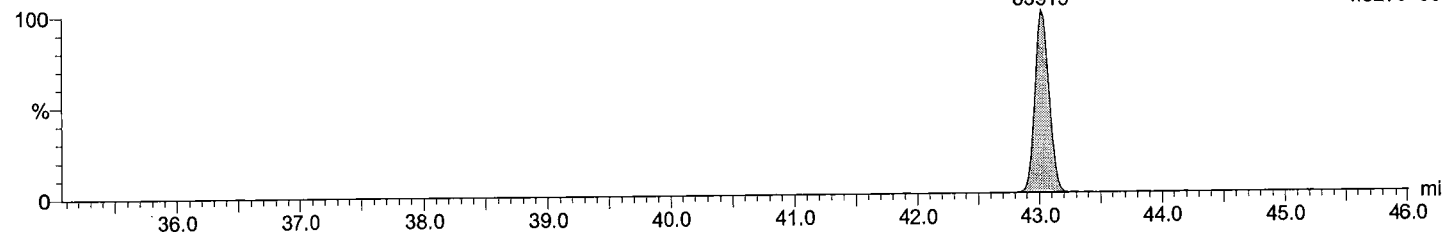


Total DeCB labeled F7

M1170609A05 Smooth(SG,3x1)  
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 209L  
43.02  
63915

F7:Voltage SIR,EI+  
511.7199  
4.827e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

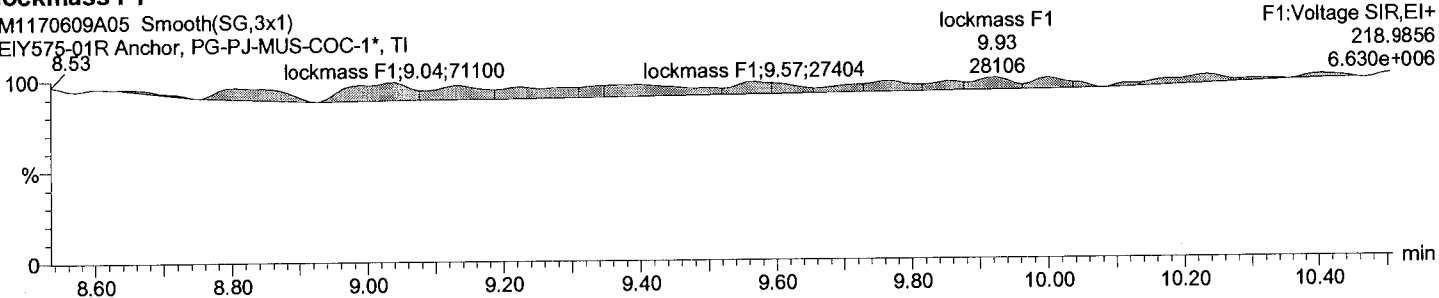
Time: 14:02:39

Instrument:

lockmass F1

M1170609A05 Smooth(SG,3x1)

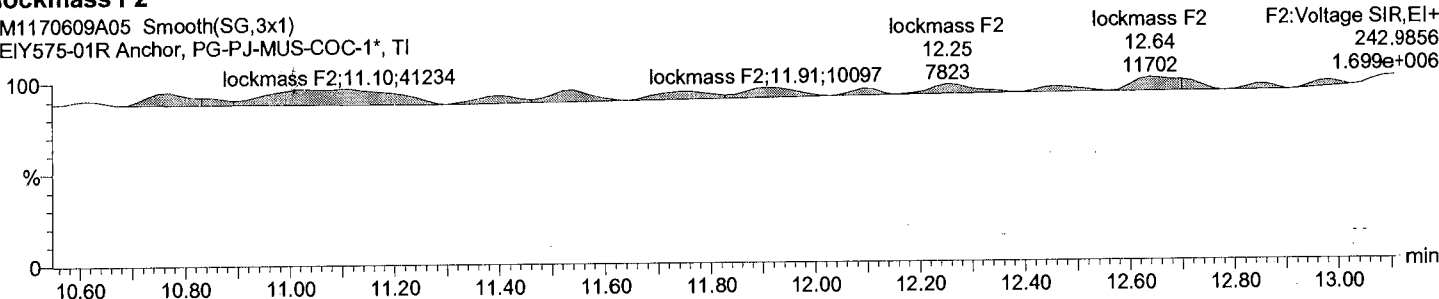
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI



lockmass F2

M1170609A05 Smooth(SG,3x1)

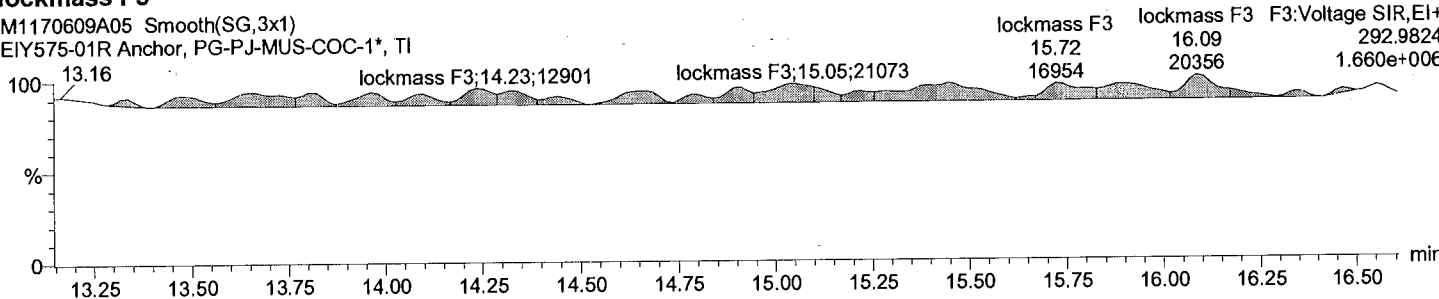
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI



lockmass F3

M1170609A05 Smooth(SG,3x1)

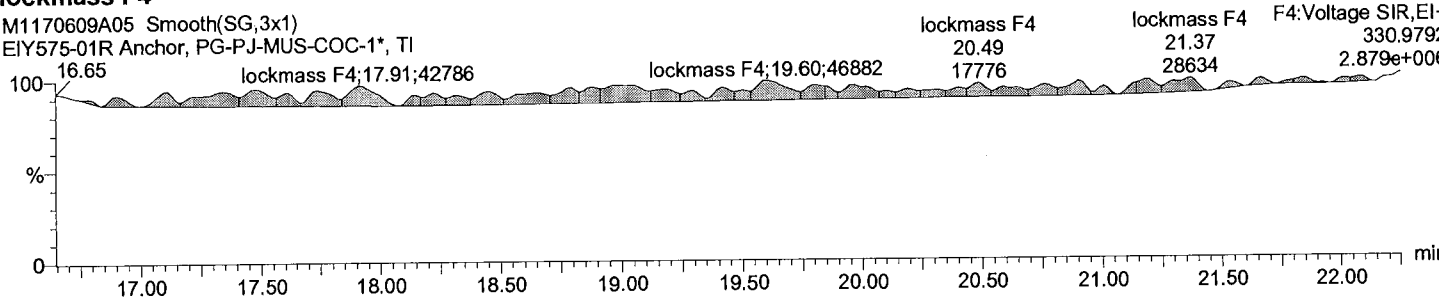
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI



lockmass F4

M1170609A05 Smooth(SG,3x1)

EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609A\_sample\_1668A.qld

Last Altered: June 12, 2017 12:46:14 PM Eastern Daylight Time

Printed: June 12, 2017 12:54:14 PM Eastern Daylight Time

Description: EIY575-01R

Vial: 5

Date: 09-Jun-2017

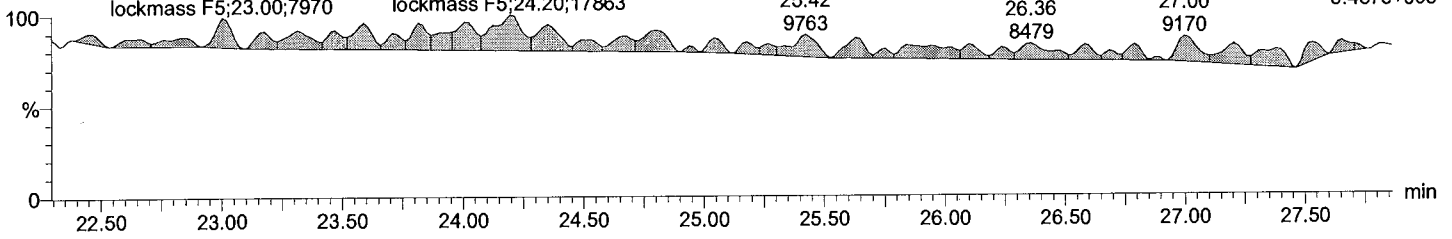
Time: 14:02:39

Instrument:

lockmass F5

M1170609A05 Smooth(SG,3x1)

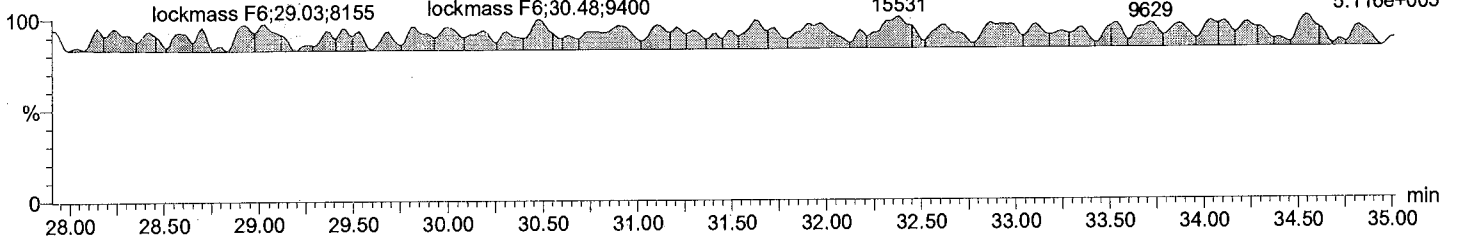
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, T1



lockmass F6

M1170609A05 Smooth(SG,3x1)

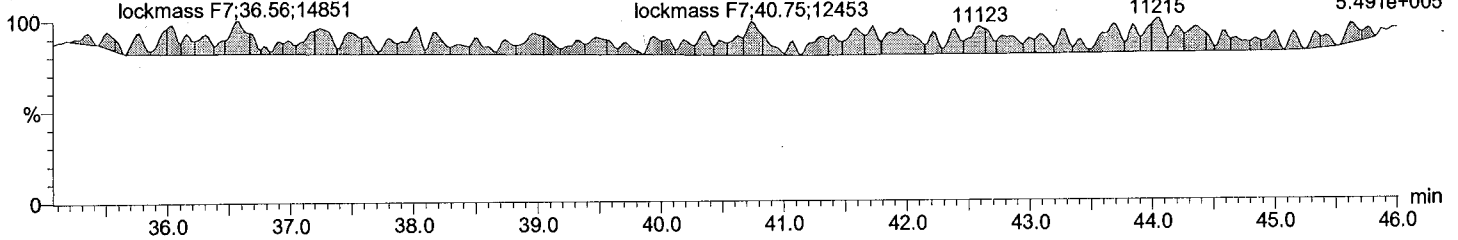
EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, T1

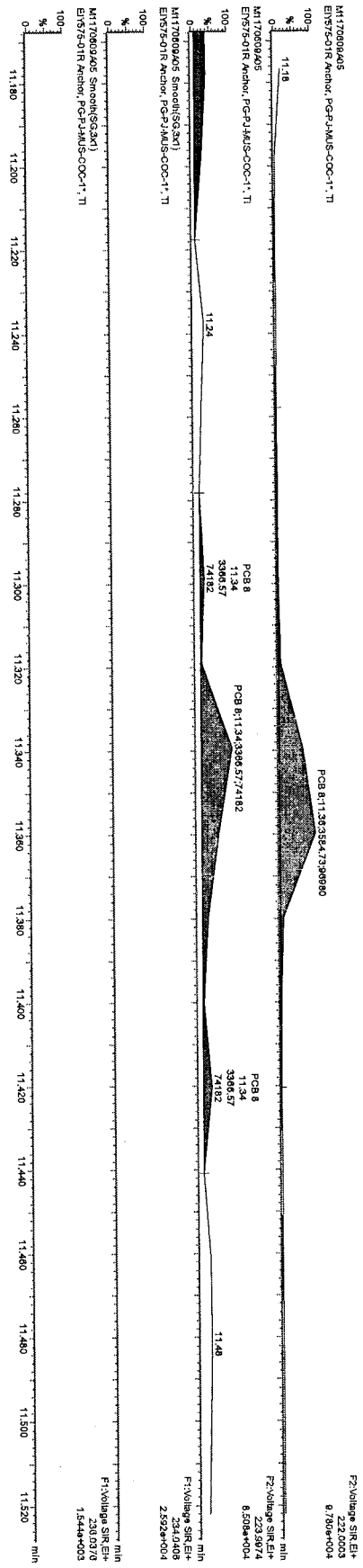


lockmass F7

M1170609A05 Smooth(SG,3x1)

EIY575-01R Anchor, PG-PJ-MUS-COC-1\*, T1





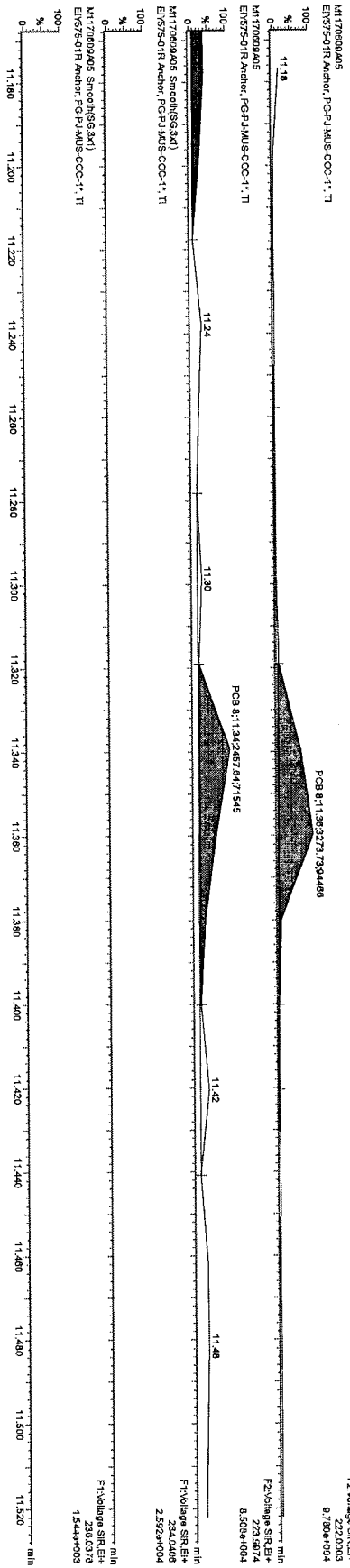
2017-06-12

MT2

Before

M3

64  
20170613



2017-06-12

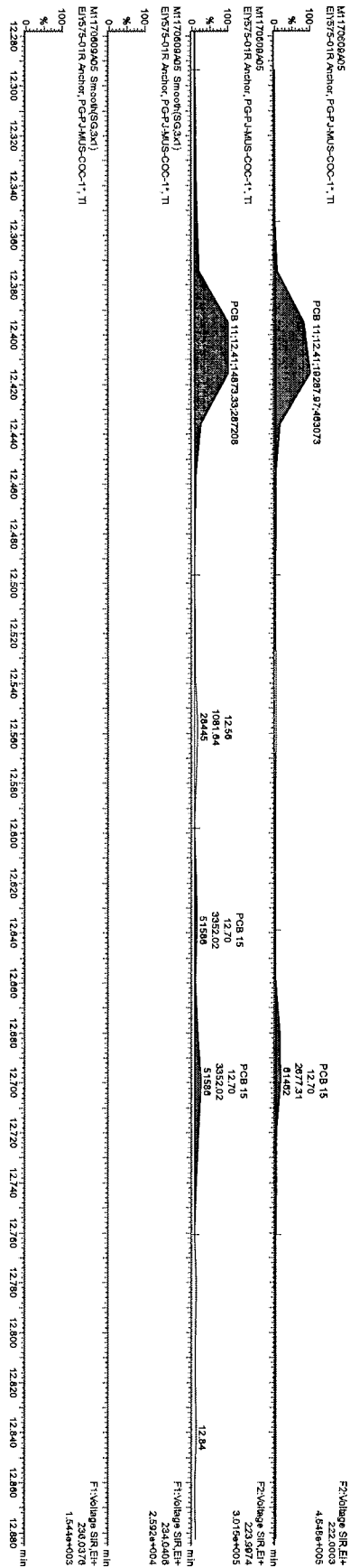
MT2

After

M3

20170612





2017-06-12

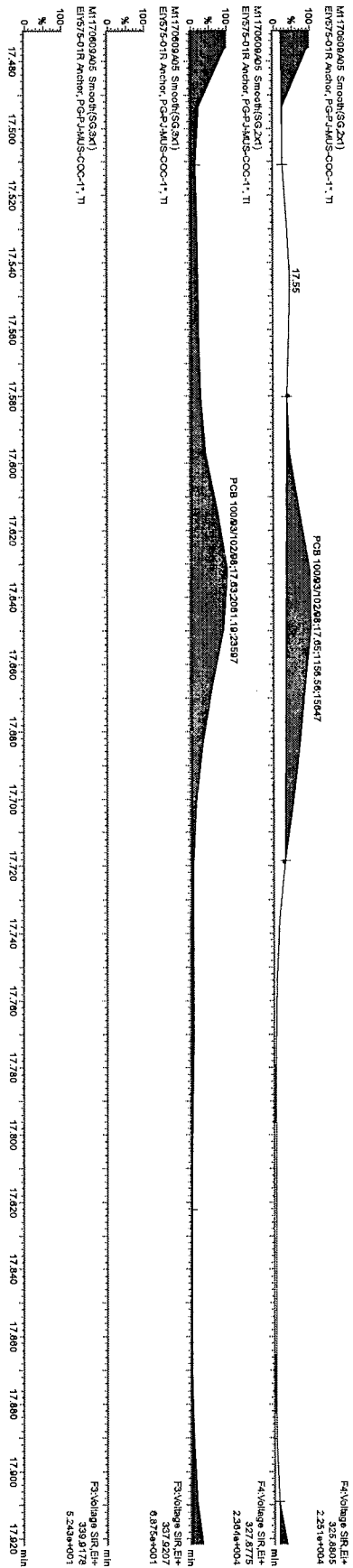
Before

MT2

M3

97  
20170613





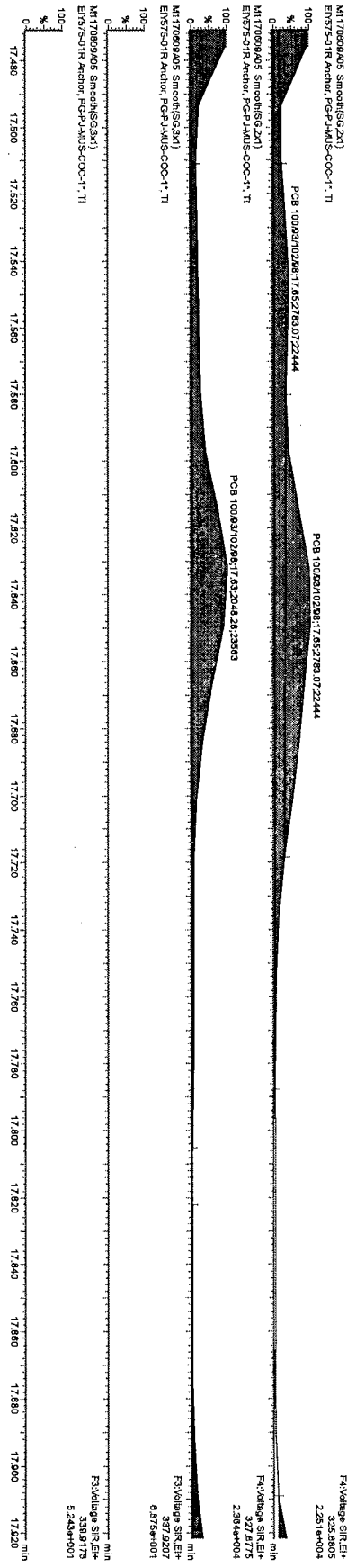
2017-06-12

MT2

Before

M3

0-1  
2017 0613



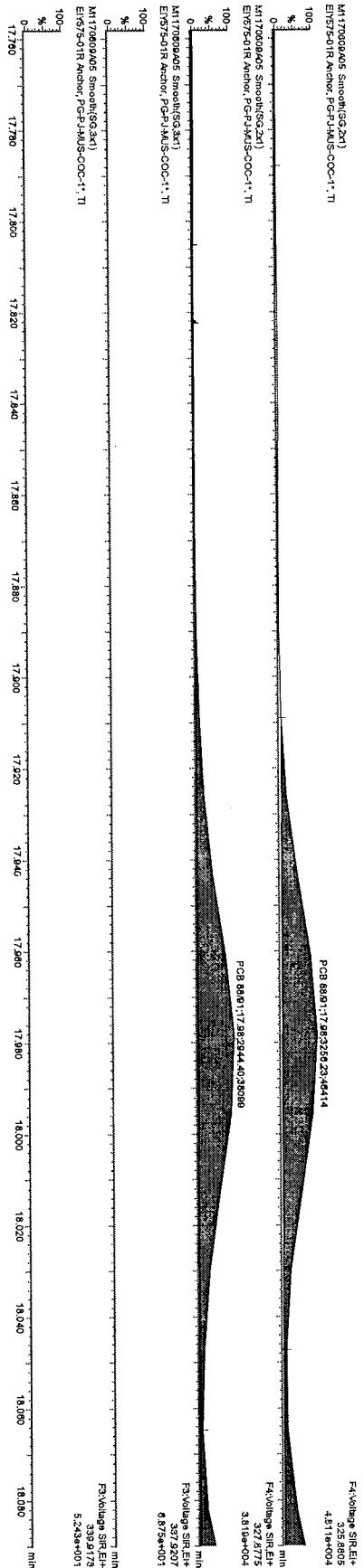
2017-06-12

Alter

MTT2

M3

G2  
20170612



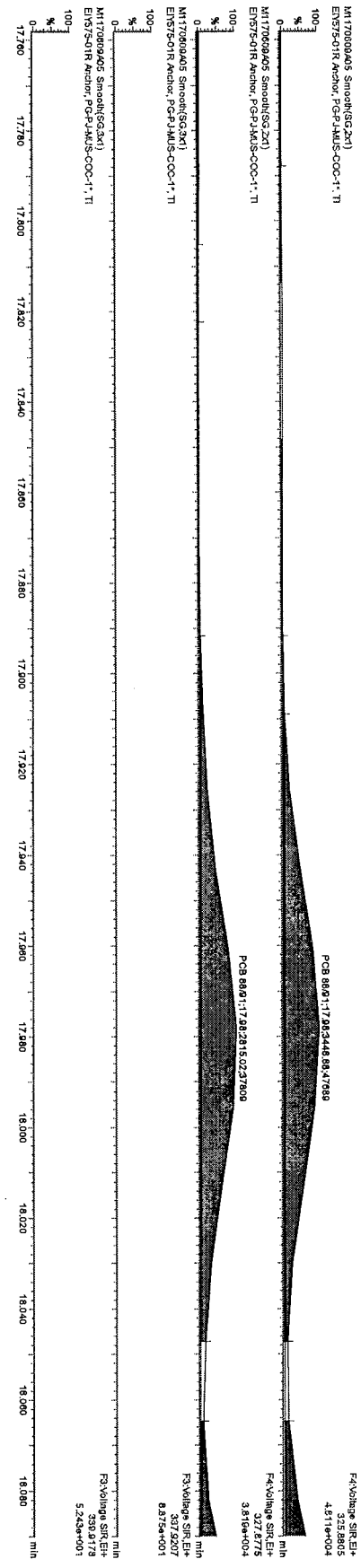
2017-06-12

MT2

Before

M3

20170612



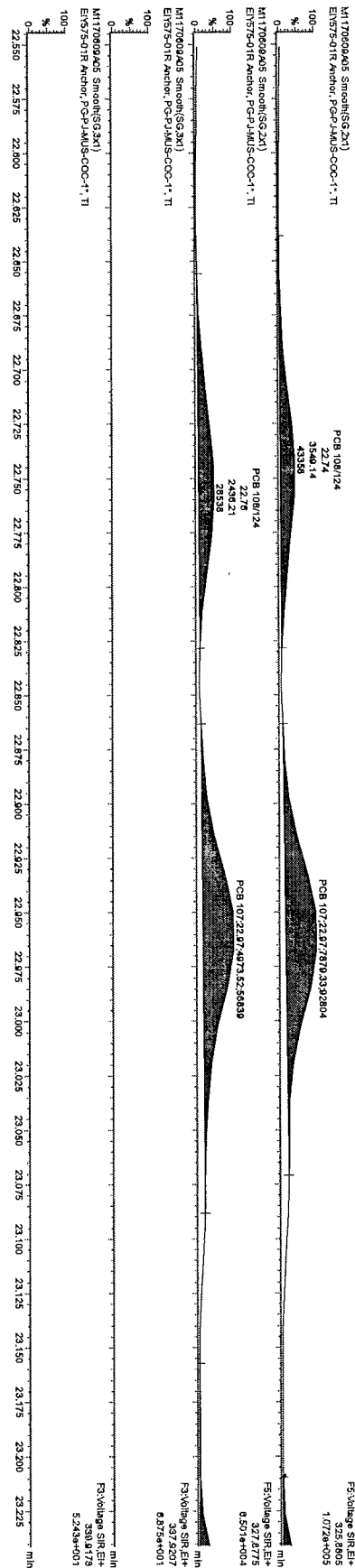
2017-06-12

MT2

After

M3

6-20-17 09:15

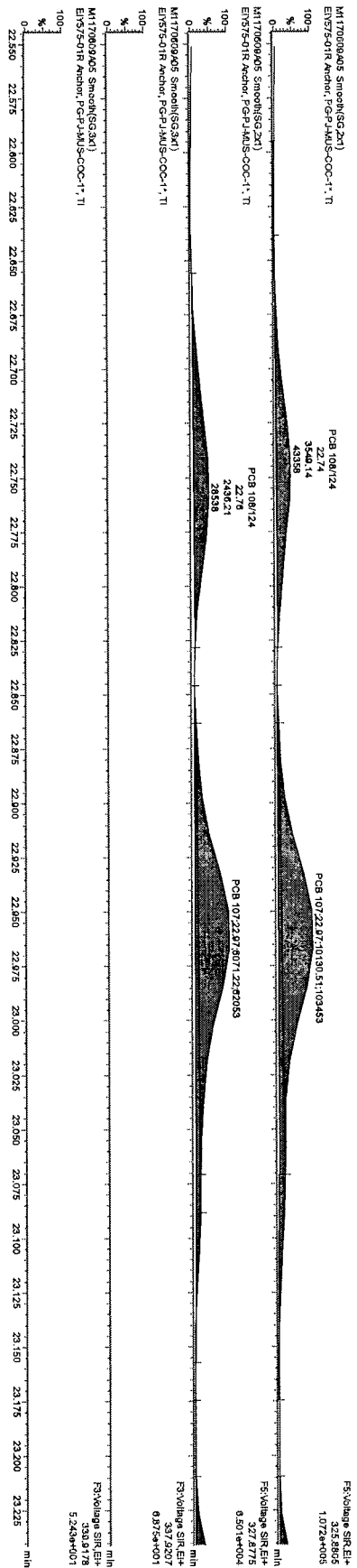


2017-06-12

MTT2

Before  
M2

2017-06-12



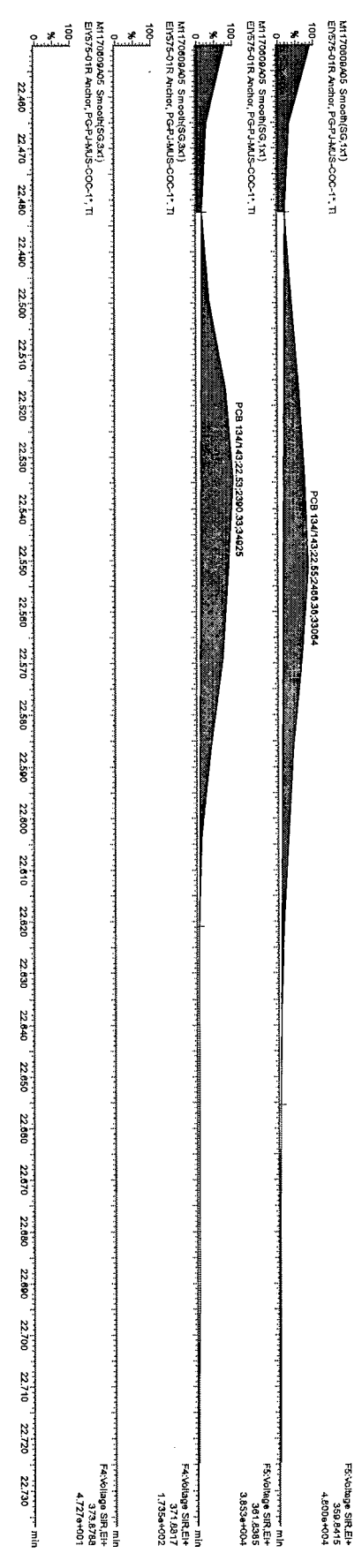
2017-06-12

MTT2

*AKer*  
*M12*

*or*  
*2017 06/13*



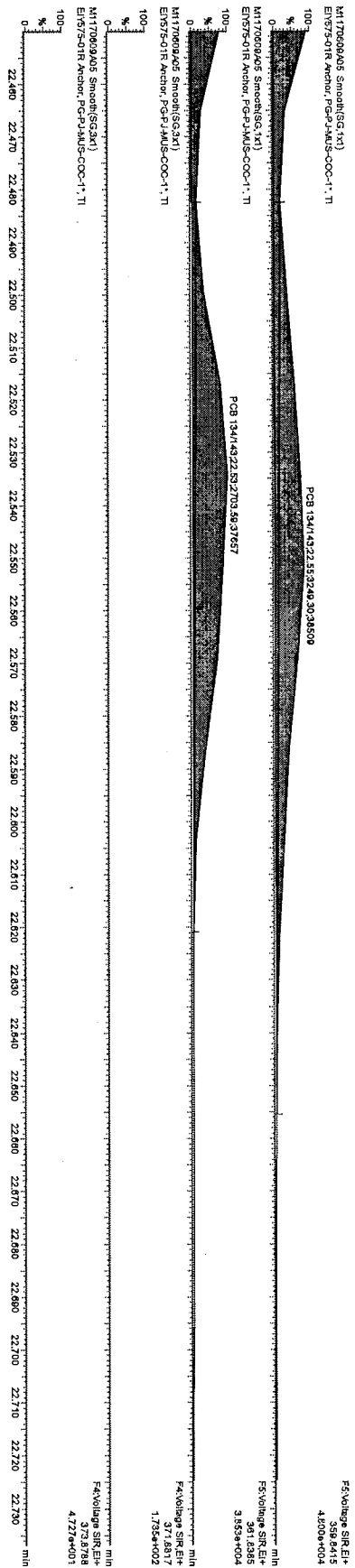


2017-06-12

MTT2

Before  
M3

67  
20170613



FSXoldbg SIR,El+  
359 P415  
4.800\*+004

FSXoldbg SIR,El+  
391.8385  
3.853\*+004

FSXoldbg SIR,El+  
377.8817  
1.735\*+002

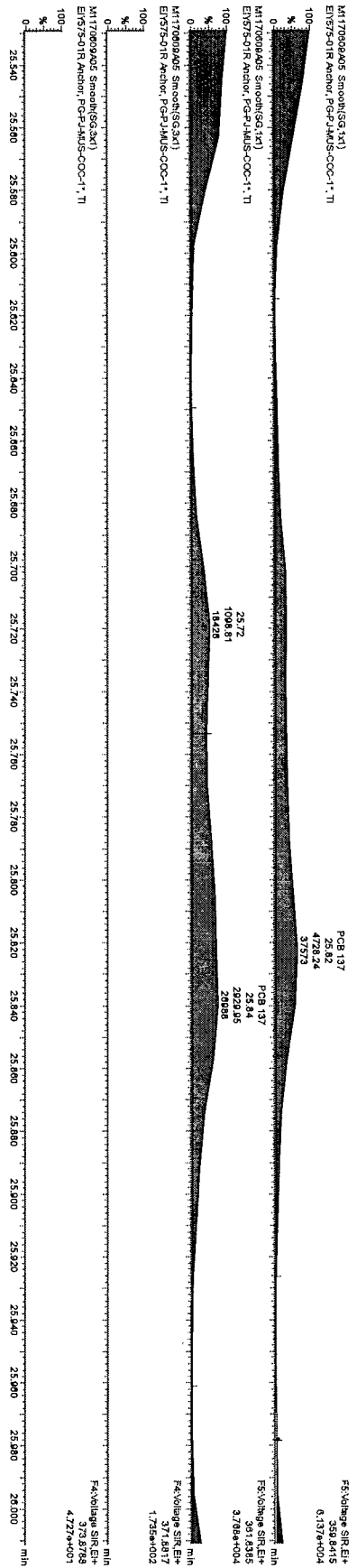
FSXoldbg SIR,El+  
4.227\*+001

2017-06-12

MT2

After  
M3

BM  
20170613

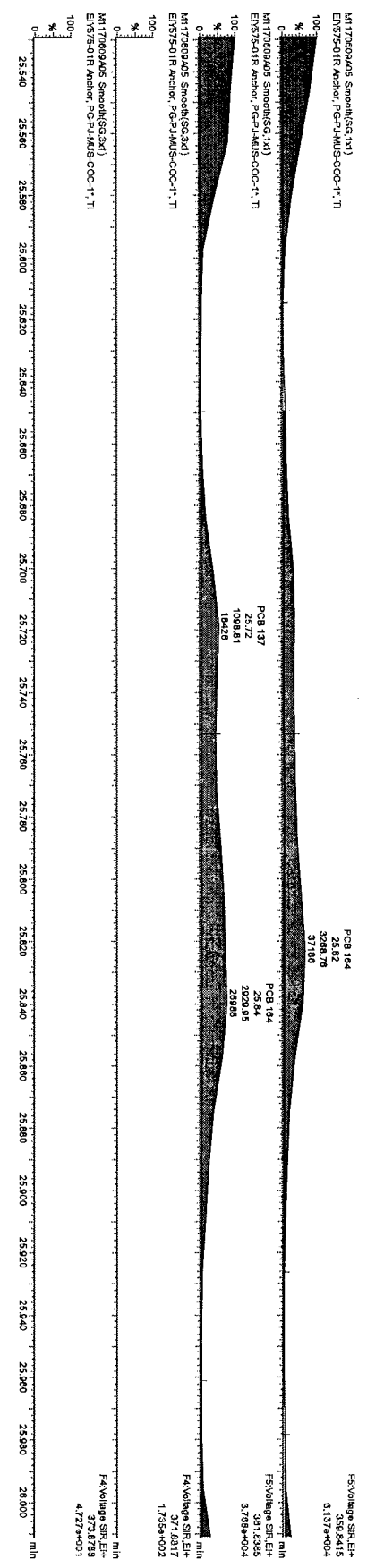


2017-06-12

MT2

Before  
MZ

B1  
20170613



2017-06-12

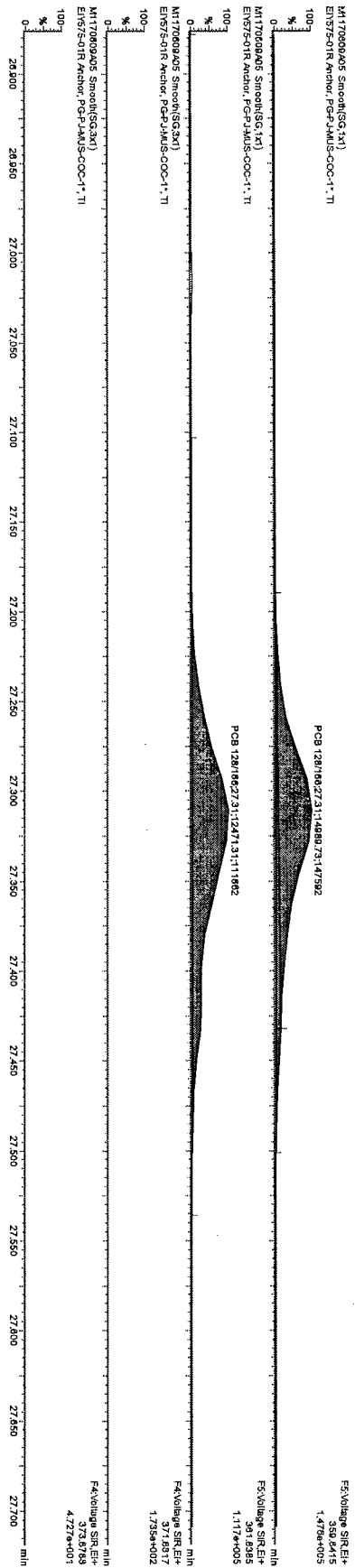
MTT2

After

M2

20170613





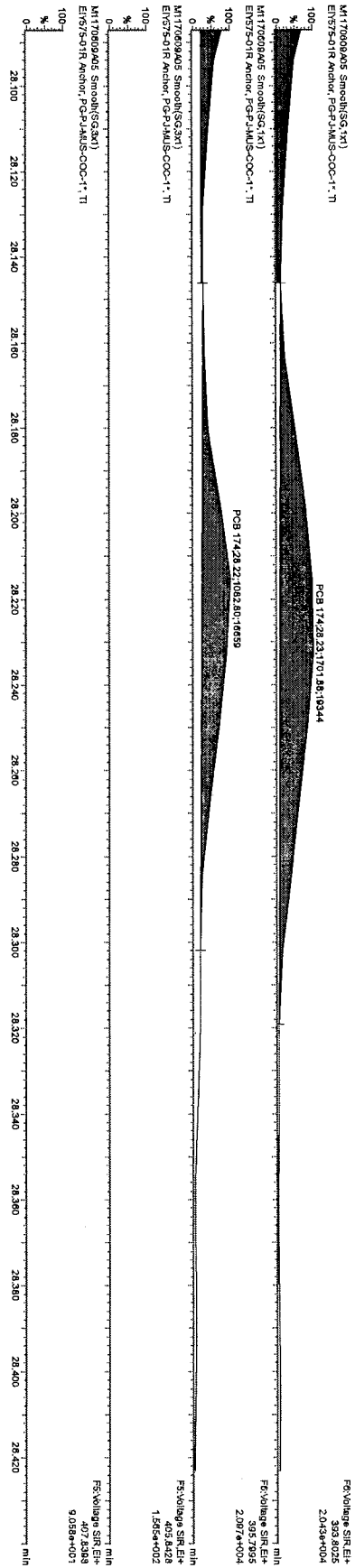
2017-06-12

*After*

MT2

M3

*20170613*

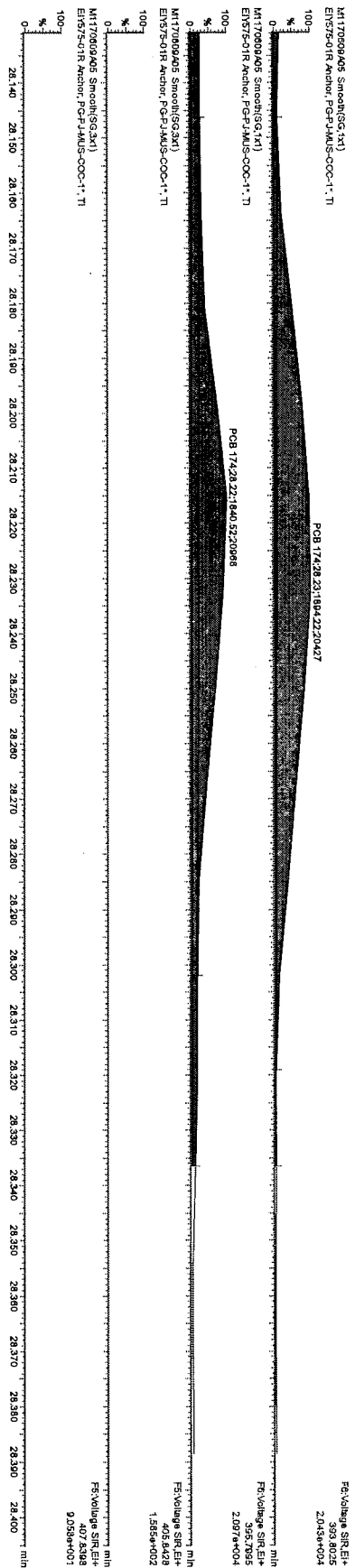


2017-06-12

MT2

Before  
M3

BN  
20170613



FSXVoluga SIR,ELH  
399.8025  
2.043e+004

FSXVoluga SIR,ELH  
395.7955  
2.897e+004

FSXVoluga SIR,ELH  
405.84428  
1.585e+002

FSXVoluga SIR,ELH  
409.8598  
9.258e+001

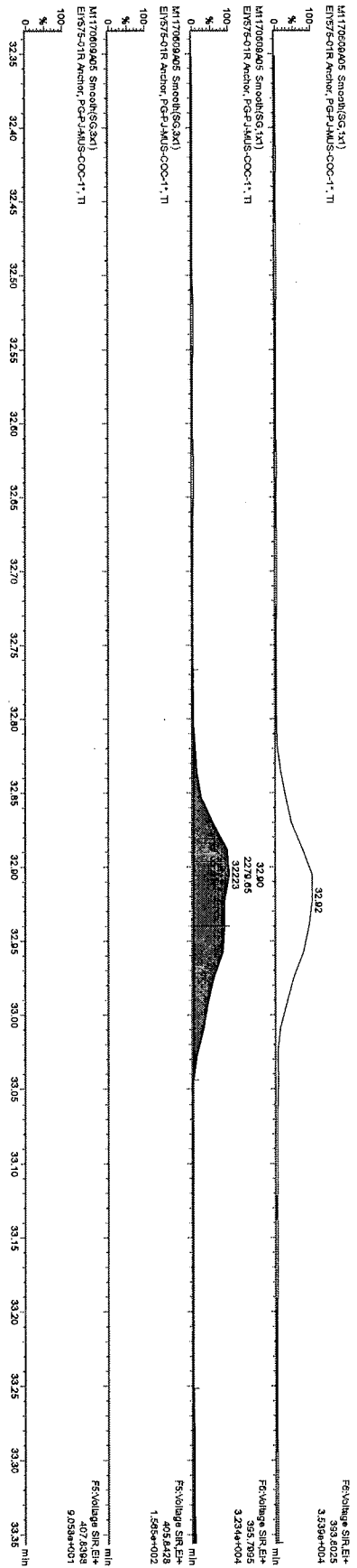
2017-06-12

MT2

After  
MS

0.2  
20170613



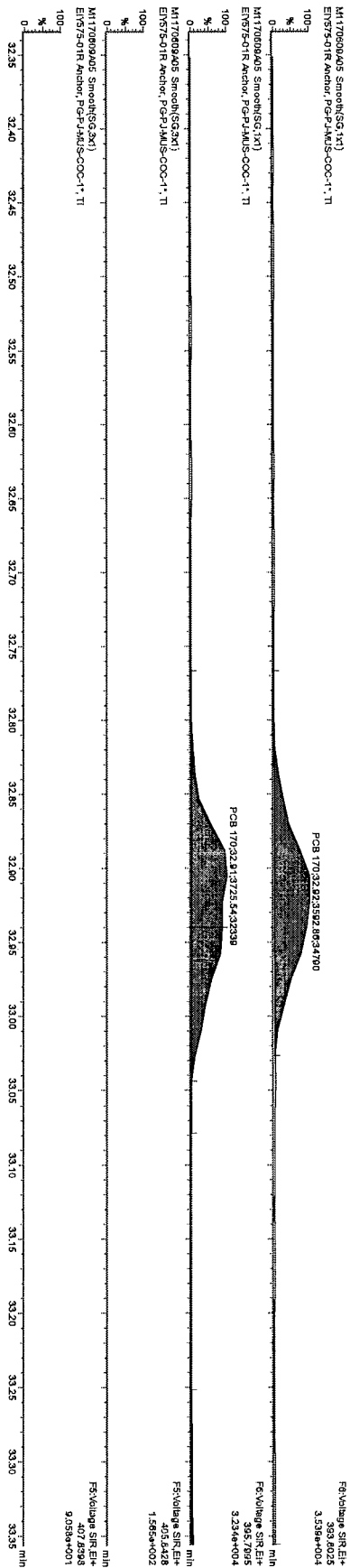


2017-06-12

MT2

Before  
M2

BT  
20170613

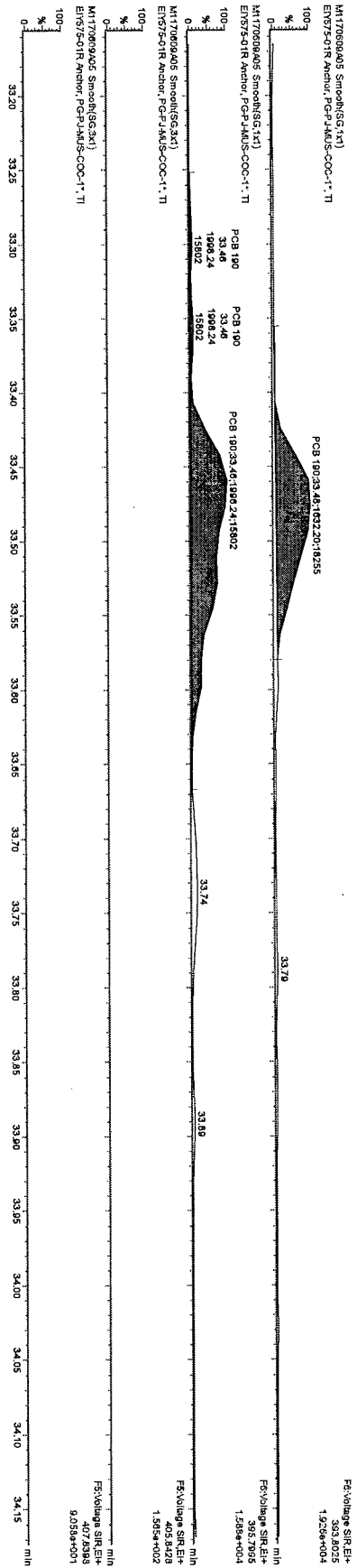


2017-06-12

MT2

Alker  
M2

85  
2017 06 13



F3-Volunte SUR.EH+  
 3033.8025  
 1.528e+004

F3-Volunte SUR.EH+  
 3957.7955  
 1.588e+004

F3-Volunte SUR.EH+  
 4057.8428  
 1.505e+002

F3-Volunte SUR.EH+  
 407.8598  
 9.258e+001

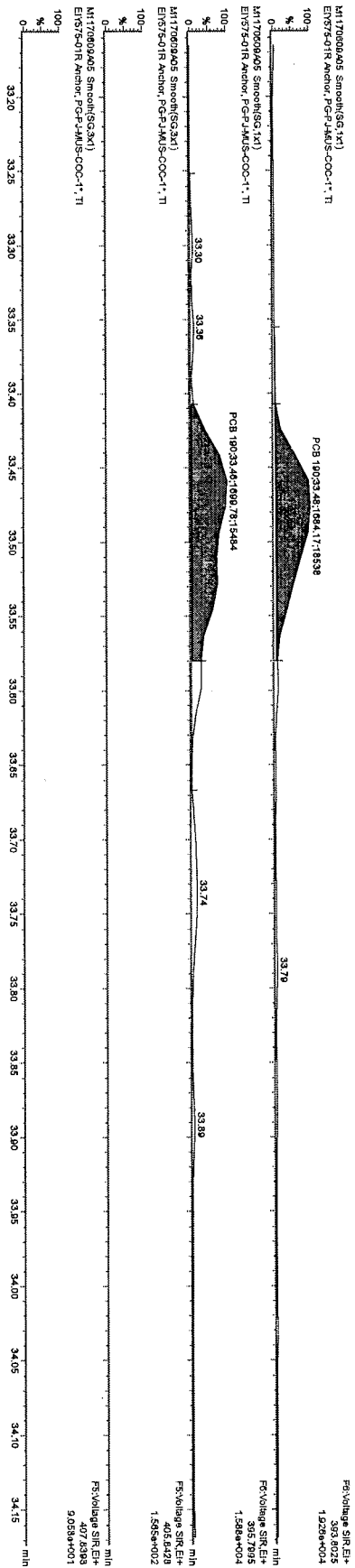
2017-06-12

MT2

Before

M3

B1  
 2017-06-13



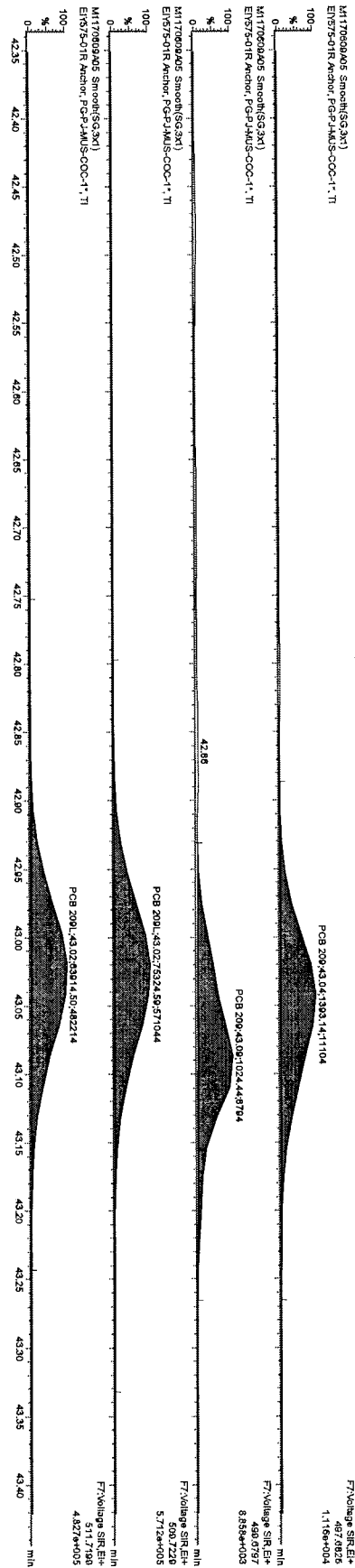
2017-06-12

MT2

After

M3

61  
20170613



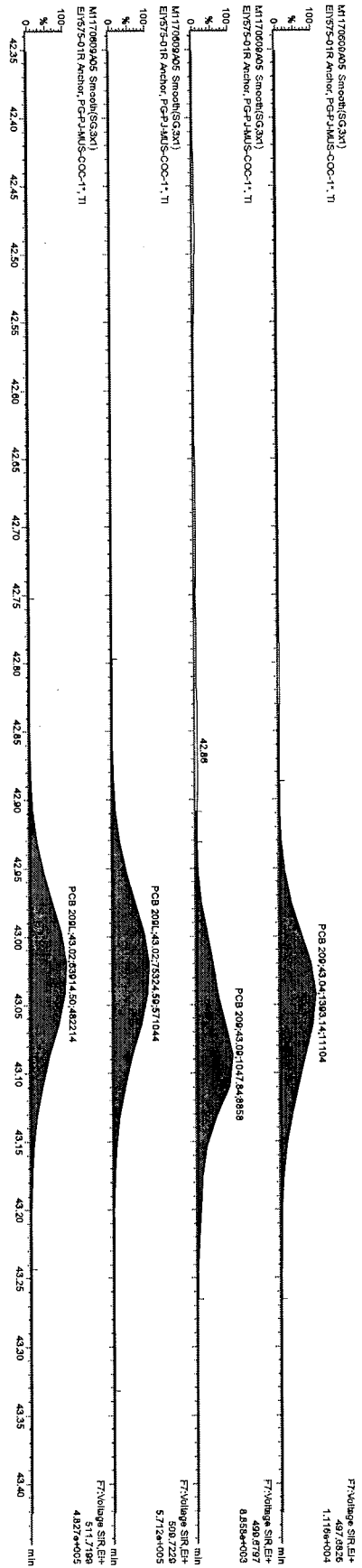
2017-06-12

MT2

Before

M3

B2  
20170613



2017-06-12

MTT2

After

M3

20170613

Filename M1170609B04  
 Acquired 06/09/2017 21:11

Call File PCB209\_M1170609B

Sample ID EIY563-01R  
 Comments  
 Instrument File Ultima 1  
 Sample Size 10.051

EIY563-01R, reinj

Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	Isomers	DL	S/N	Mod	rf	Rec
1 PCB 1	188	NotFnd	*	*	*	-0.00073			-0.00073	*	no	1.053	-
2 PCB 2	MoCB 190	8.81	*	no	*	-0.00064			-0.00064	*	no	1.198	-
3 PCB 3	MoCB 190	9.91	*	no	*	-0.00072			-0.00072	*	no	1.055	-
4 PCB 4	222	10.12	1689	1.05	3304	-0.00177			-0.00177	*	no	1.191	-
5 PCB 10	DICB 224	10.12	1614	no	*	-0.00182			-0.00182	*	no	1.156	-
6 PCB 9	DICB 224	10.21	*	no	*	-0.00112			-0.00112	*	no	1.544	-
7 PCB 7	DICB 224	11.01	*	no	*	-0.00124			-0.00124	*	no	1.399	-
8 PCB 6	222	11.18	2332	0.99	4697	-0.00122			-0.00122	*	no	1.424	-
9 PCB 5	DICB 224	11.19	2364	no	*	-0.00118			-0.00118	*	no	1.462	-
10 PCB 8	DICB 224	11.31	*	no	*	-0.00115			-0.00115	*	no	1.443	-
11 PCB 14	DICB 224	11.36	11341	1.42	19336	0.003835			-0.0012	18	no	1.443	-
12 PCB 11	DICB 224	11.38	7995	yes	*	-0.00115			-0.00115	*	no	1.506	-
13 PCB 13/12	DICB 224	12.05	*	no	*	-0.00122			-0.00122	57	no	1.42	-
14 PCB 15	DICB 224	12.41	42205	1.57	69054	0.013915			-0.0012	54	no	1.443	-
15 PCB 19	DICB 224	12.42	26849	yes	*	-0.00181			-0.00181	11	no	0.956	-
16 PCB 30/18	256	11.48	1678	1	3353	0.00145			-0.00052	17	yes	1.06	-
17 PCB 17	TriCB 258	11.48	1674	yes	48100	0.012694			-0.00054	240	no	1.033	-
18 PCB 27	TriCB 258	12.27	25598	1.14	18271	0.005944			-0.00066	218	no	0.838	-
19 PCB 24	TriCB 258	12.46	9514	1.09	6268	0.001468			-0.00048	79	no	1.164	-
20 PCB 16	TriCB 258	12.48	8757	yes	*	-0.00041			-0.00041	73	no	1.35	-
21 PCB 32	TriCB 258	12.56	3050	0.95	26582	0.005431	PCB 16 NDR		-0.00091	48	xL	0.606	-
22 PCB 34	TriCB 258	12.61	3218	yes	*	-0.00042			-0.00042	36	no	1.334	-
23 PCB 23	TriCB 258	12.68	6206.72	1.04	-12174.7	-0.0055			-0.00026	116	no	1.427	-
24 PCB 26/29	TriCB 258	12.69	-5968	OK	*	-0.00028			-0.00028	112	no	1.32	-
25 PCB 25	TriCB 258	12.90	13182	0.98	23548	0.00445			-0.00028	*	no	1.443	-
26 PCB 31	TriCB 258	12.90	13400	yes	15440	0.00303			-0.00027	60	no	1.389	-
27 PCB 28/20	TriCB 258	13.48	*	no	155064	0.027693			-0.00025	61	no	1.527	-
28 PCB 21/33	TriCB 258	13.56	*	no	246677	0.046674			-0.00026	38	no	1.441	-
29 PCB 22	TriCB 258	13.72	11588	yes	51508	0.010097			-0.00027	37	no	1.391	-
30 PCB 36	TriCB 258	13.82	8006	1.08	50317	0.010108			-0.00028	378	no	1.357	-
31 PCB 39	TriCB 258	13.85	7434	yes	7404	0.001237			-0.00023	393	no	1.632	-
32 PCB 38	TriCB 258	13.98	78608	1.03	*	-0.00026			-0.00026	612	no	1.448	-
33 PCB 35	TriCB 258	14.01	76456	yes	*	-0.00025			-0.00025	630	no	1.474	-
34 PCB 37	TriCB 258	14.13	124833	1.02	-2907	-0.00057	PCB 35 NDR		-0.00027	119	no	1.391	-
35 PCB 54	TriCB 258	14.16	121844	yes	44406	0.009062			-0.00039	118	no	1.357	-
36 PCB 53/50	TCB 292	14.25	26424	1.05	155064	0.027693			-0.00047	122	no	1.357	-
37 PCB 45/51	TCB 292	14.27	25084	yes	155064	0.027693			-0.00047	118	no	1.632	-
38 PCB 46	TCB 292	14.48	25816	1.05	50317	0.010108			-0.00028	118	no	1.357	-
39 PCB 52	TCB 292	14.47	24500	yes	7404	0.001237			-0.00023	118	no	1.632	-
40 PCB 73	TCB 292	15.29	3589	0.94	*	-0.00026			-0.00026	16	no	1.632	-
41 PCB 43	TCB 292	15.30	3815	yes	*	-0.00026			-0.00026	16	no	1.448	-
42 PCB 69/49	TCB 292	15.50	*	no	*	-0.00025			-0.00025	*	no	1.474	-
	TCB 292	15.57	*	no	*	-0.00025			-0.00025	*	no	1.474	-
	TCB 292	16.10	-1482	1.04	-2907	-0.00057	PCB 35 NDR		-0.00027	8	xL	1.4	-
	TCB 292	16.10	-1425	OK	44406	0.009062			-0.00039	6	no	0.951	-
	TCB 292	16.36	23222	1.1	*	-0.00047			-0.00047	96	no	1.071	-
	TCB 292	16.36	21185	yes	*	-0.00047			-0.00047	91	no	1.071	-
	TCB 292	12.82	*	no	-25586.8	-0.0081	PCB 53/50 NDR		-0.00056	55	xL	0.861	-
	TCB 292	13.84	-11131	0.77	28617	0.009422			-0.00058	66	no	0.832	-
	TCB 292	13.86	-14455.8	OK	7200	0.002748			-0.00067	47	no	0.718	-
	TCB 292	14.20	11898	0.71	363997	0.103794			-0.00005	49	no	0.961	-
	TCB 292	14.21	16719	yes	*	-0.00048			-0.00048	758	no	1.012	-
	TCB 292	14.36	3031	0.73	7698	0.002681			-0.00061	792	no	0.787	-
	TCB 292	14.35	4168	yes	218051	0.062692			-0.00051	14	no	0.953	-
	TCB 292	15.08	153100	0.73	*	-0.00048			-0.00048	16	no	0.953	-
	TCB 292	15.05	210898	yes	*	-0.00048			-0.00048	463	no	0.953	-
	TCB 292	15.14	*	no	*	-0.00048			-0.00048	*	no	1.012	-
	TCB 292	15.22	3091	0.67	7698	0.002681			-0.00061	14	no	0.787	-
	TCB 292	15.21	4607	yes	218051	0.062692			-0.00051	16	no	0.953	-
	TCB 292	15.36	90938	0.71	*	-0.00048			-0.00048	*	no	1.012	-
	TCB 292	15.34	127112	yes	*	-0.00048			-0.00048	*	no	1.012	-





90 PCB 122	326	23.64	-3610	1.55	-5939.03	-0.00144	PCB 122 NDR	-0.00049	7	xL	1.158	-
91 PCB 114	PeCB 328	23.63	-2329.03	OK					8			
	326	23.82	6871	1.49	11491	0.003114			13	no	1.023	-
92 PCB 105	PeCB 328	23.82	4620	yes					13			
	326	24.39	144414	1.59	235120	0.061779			277	no	1.024	-
93 PCB 127	PeCB 328	24.38	90705	yes					273			
	326	NotFnd	*	*	*				*	no	1.256	-
94 PCB 126	PeCB 328	25.69	*	no		-0.00045			*			
	326	27.21	-1722.05	1.55	-2833.05	-0.00075	PCB 126 NDR	-0.00052	5	xL	1.093	-
95 PCB 155	PeCB 328	27.22	-1111	OK					4			
	360	NotFnd	*	*	*				*	no	1.103	-
96 PCB 152	HxCB 362	19.26	*	no		-0.00059			*			
	360	NotFnd	*	*	*				*	no	1.093	-
97 PCB 150	HxCB 362	19.40	*	*	*				*			
	360	19.52	2102	1.19	3874	0.001895			*	no	0.849	-
98 PCB 136	HxCB 362	19.53	1773	yes					*			
	360	19.80	55673	1.29	98750	0.045594			8	no	0.77	-
99 PCB 145	HxCB 362	19.78	43077	yes					6			
	360	NotFnd	*	*	*				138	no	0.816	-
100 PCB 148	HxCB 362	20.03	*	*	*				135			
	360	21.15	3427	1.34	5986	0.003654			*	no	0.755	-
101 PCB 151/135	HxCB 362	21.13	2559	yes					8	no	0.617	-
	360	21.63	185600	1.25	333744	0.209663			8			
102 PCB 154	HxCB 362	21.61	148144	yes					8			
	360	21.84	22553	1.21	41171	0.022437			350	no	0.6	-
103 PCB 144	HxCB 362	21.82	18618	yes					347			
	360	22.10	14369	1.28	25569	0.015596			51	no	0.691	-
104 PCB 147/149	HxCB 362	22.07	11200	yes					54			
	360	22.38	557173	1.31	982663	0.457585			34	no	0.618	-
105 PCB 134/143	HxCB 362	22.36	425490	yes					33			
	360	22.55	17958	1.28	31986	0.017503			3087	yes	0.809	-
106 PCB 139/140	HxCB 362	22.61	14028	yes					2690			
	360	22.88	11782	1.38	20313	0.009519			105	no	0.689	-
107 PCB 131	HxCB 362	22.88	8531	yes					104			
	360	23.05	3208	1.11	6092	0.003539			57	no	0.804	-
108 PCB 142	HxCB 362	23.05	2884	yes					50			
	360	NotFnd	*	*	*				16	no	0.649	-
109 PCB 132	HxCB 362	23.19	*	no		-0.0006			17			
	360	23.45	121938	1.18	225129	0.121182			*	no	0.718	-
110 PCB 133	HxCB 362	23.44	103190	yes					*			
	360	23.87	17293	1.21	31627	0.015161			592	no	0.7	-
111 PCB 165	HxCB 362	23.86	14334	yes					628			
	360	24.23	2922	1.4	5013	0.001904			84	no	0.786	-
112 PCB 146	HxCB 362	24.22	2091	yes					90			
	360	24.44	177491	1.29	315114	0.132671			13	no	0.992	-
113 PCB 161	HxCB 362	24.43	137623	yes					12			
	360	NotFnd	*	*	*				855	no	0.895	-
114 PCB 153/168	HxCB 362	24.54	*	no		-0.00043			828			
	360	24.99	1451291	1.27	2596621	0.985128			*	no	1.015	-
115 PCB 141	HxCB 362	25.01	1145330	yes					*			
	360	25.17	22826	1.25	41126	0.019777			6986	no	0.993	-
116 PCB 130	HxCB 362	25.15	18300	yes					6788			
	360	25.53	17668	1.27	31615	0.016636			112	no	0.784	-
117 PCB 137	HxCB 362	25.53	13947	yes					111			
	360	25.77	8619	1.35	15017	0.008384			83	no	0.716	-
118 PCB 164	HxCB 362	25.76	6398	yes					89			
	360	25.84	37691	1.24	68141	0.023141			62	no	0.675	-
119 PCB 138/163/129	HxCB 362	25.85	30450	yes					57			
	360	26.13	664863	1.26	1192878	0.530517			171	no	1.109	-
120 PCB 160	HxCB 362	26.17	528015	yes					177			
	360	NotFnd	*	*	*				3123	no	0.847	-
121 PCB 158	HxCB 362	26.31	*	no		-0.00046			3023			
	360	26.50	32600	1.24	58959	0.020136			*	no	0.943	-
122 PCB 128/166	HxCB 362	26.49	26359	yes					*			
	360	27.33	62964	1.29	111762	0.045069			132	no	1.103	-
123 PCB 159	HxCB 362	27.33	48798	yes					150			
	360	NotFnd	*	*	*				212	yes	0.934	-
124 PCB 162	HxCB 362	28.29	*	no		-0.00039			197			
	360	28.60	3598	1.19	6613	0.002069			*	no	1.254	-
125 PCB 167	HxCB 362	28.55	3015	yes					*			
	360	29.03	36723	1.21	66971	0.019568			16	yes	1.204	-
126 PCB 156/157	HxCB 362	29.04	30248	yes					15			
	360	30.17	26492	1.23	48087	0.014876			128	no	1.103	-
127 PCB 169	HxCB 362	30.20	21596	yes					131			
	360	NotFnd	*	*	*				77	no	1.047	-
128 PCB 188	HxCB 362	33.58	*	no		-0.00048			79			
	394	23.80	-2788.8	1.05	-5444.8	-0.00175	PCB 188 NDR	-0.00048	*	no	1.04	-
129 PCB 179	HpCB 396	23.80	-2656	OK					*			
	394	24.09	80855	1.01	160517	0.06044			11	xL	1.069	-
130 PCB 184	HpCB 396	24.09	79662	yes					10			
	394	NotFnd	*	*	*				283	no	1.122	-
131 PCB 176	HpCB 396	24.57	*	no		-0.00048			274			
	394	24.87	20003	1.07	38728	0.015853			*	no	1.054	-
132 PCB 186	HpCB 396	24.87	18725	yes					*			
	394	NotFnd	*	*	*				63	no	1.032	-
133 PCB 178	HpCB 396	25.28	*	no		-0.00053			65			
	394	26.55	53794	0.95	110319	0.060551			*	no	0.965	-
134 PCB 175	HpCB 396	26.56	56525	yes					*			
	394	27.14	3839	0.92	8028	0.004222			169	yes	0.77	-
135 PCB 187	HpCB 396	27.16	4190	yes					182			
	394	27.42	379998	1	758155	0.393472			13	no	0.803	-
136 PCB 182	HpCB 396	27.40	378157	yes					14			
	394	NotFnd	*	*	*				1167	no	0.814	-
	HpCB 396	27.61	*	no		-0.00064			1203			
									*	no	0.797	-



184 PCB 188L	406	23.78	301429	1.09	578569	0.162586							
	408	23.78	277141	yes			0	4076	no	1.142	82		
185 PCB 180L	406	31.61	226863	1.04	444619	0.236336		6151					
	408	31.65	217756	yes			0.001	1163	yes	1.343	119		
186 PCB 170L	406	32.90	189084	1.03	372716	0.233072		1176					
	408	32.97	183631	yes			0.001	933	no	1.141	117		
187 PCB 189L	406	36.35	251756	1.06	488259	0.181217		982					
	408	36.38	236503	yes			0.001	870	no	1.923	91		
188 PCB 202L	440	28.77	248163	0.92	517355	0.272932		453					
	442	28.82	269192	yes			0	3358	no	1.353	137		
189 PCB 205L	440	39.30	162897	0.93	338731	0.16979		2880					
	442	39.28	175834	yes			0.001	1284	no	1.424	85		
190 PCB 208L	474	35.82	160961	0.8	362574	0.197644		937					
	476	35.87	201613	yes			0	1254	no	1.309	99		
191 PCB 206L	474	41.28	102304	0.76	237299	0.183397		1723					
	476	41.30	134995	yes			0.001	774	no	0.924	92		
192 PCB 209L	510	43.13	118612	1.26	212925	0.183467		1066					
	512	43.16	94313	yes			0	2474	no	0.828	92		
193 PCB 28L	268	14.13	770125	1.03	1518859	0.20041		1565					
PCB Cleanup Standard	270	14.13	748734	yes			0.001	947	no	1.969	91		
194 PCB 111L	338	21.42	594151	1.61	962533	0.209924		1195					
PCB Cleanup Standard	340	21.41	368383	yes			0	4695	no	1.373	95		
195 PCB 178L	406	26.51	262444	1.05	512983	0.224887		2625					
PCB Cleanup Standard	408	26.52	250539	yes			0	3376	no	0.732	102		
196 PCB 31L	268	NotFnd	*	*	*	*	0.001	5263	no	1.878			
PCB Audit Standard	270	13.98	*	no									
197 PCB 95L	338	NotFnd	*	*	*	*	0		no	0.916			
PCB Audit Standard	340	17.40	*	no									
198 PCB 153L	372	NotFnd	*	*	*	*	0		no	1.173			
PCB Audit Standard	374	24.98	*	no									
199 PCB 9L	234	10.99	4577681	1.58	7476703	18.46514							
PCB Recovery Standard	236	11.00	2899022	yes			-	7332	no	-	-		
200 PCB 52L	302	15.07	1887069	0.8	4254508	18.89834		12057					
PCB Recovery Standard	304	15.05	2367439	yes			-	9380	no	-	-		
201 PCB 101L	338	19.40	2275460	1.61	3691454	18.05467		12727					
PCB Recovery Standard	340	19.36	1415994	yes			-	18927	no	-	-		
202 PCB 138L	372	26.10	1926973	1.27	3442762	16.51781		10560					
PCB Recovery Standard	374	26.07	1515790	yes			-	7795	no	-	-		
203 PCB 194L	440	38.74	733731	0.9	1548646	8.250188		16837					
PCB Recovery Standard	442	38.59	814915	yes			-	5028	no	-	-		
								3797					
Chlorobiphenyls						-0.00073	0						
Dichlorobiphenyls						0.020662	3	-0.00182					
Trichlorobiphenyls						0.139338	13	-0.00091					
Tetrachlorobiphenyls						0.589996	20	-0.00081					
Pentachlorobiphenyls						1.451374	21	-0.00081					
Hexachlorobiphenyls						2.743204	25	-0.00108					
Heptachlorobiphenyls						0.79355	13	-0.00124					
Octachlorobiphenyls						0.041424	5	-0.00061					
Nonachlorobiphenyls						-0.00085	0	-0.00085					
Decachlorobiphenyl						-0.00183	0	-0.00183					
PCB (total)						5.779548	0						

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AH\M1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM  
Printed: Tuesday, June 13, 2017 4:32:14 PM

Method: C:\MassLynx\Default.PRO\MethDB\1668A\_PCB209\_M1170609B.mdb 10 Jun 2017 07:47:44  
Calibration: C:\MassLynx\Default.pro\Curvedb\PCB209\_M1170609B.cdb 10 Jun 2017 07:56:47

Description: EIY563-01R, reinj

Vial: 4

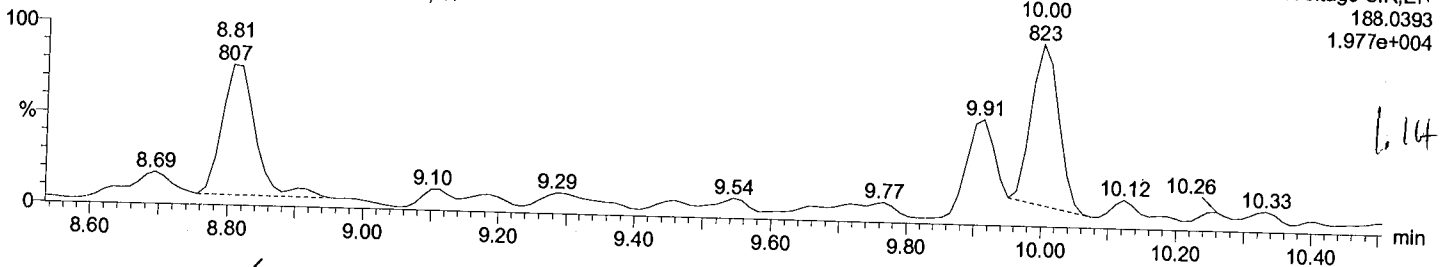
Date: 09-Jun-2017

Time: 21:11:38

Instrument:

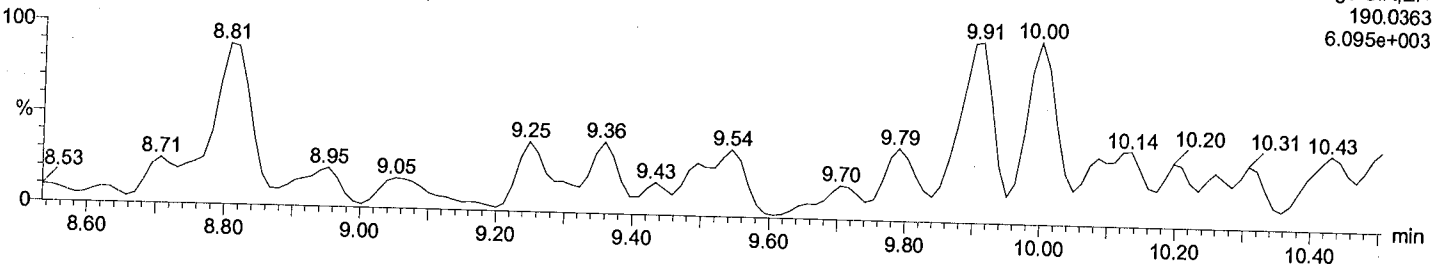
Total MoCB F1

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



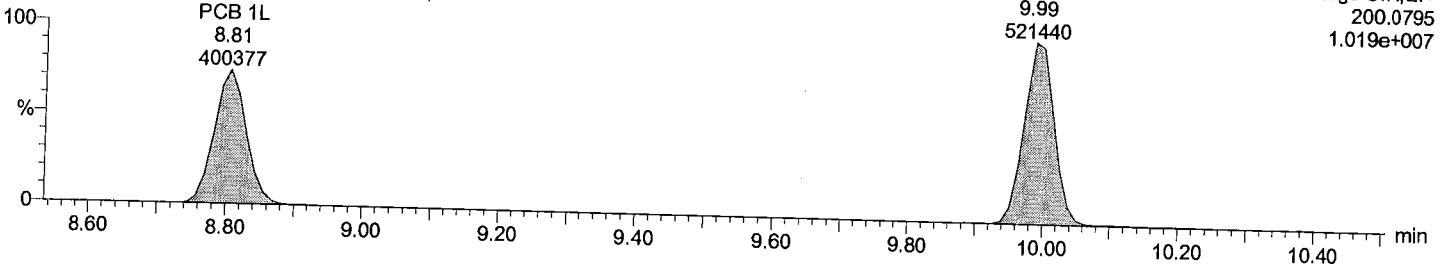
Total MoCB F1

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



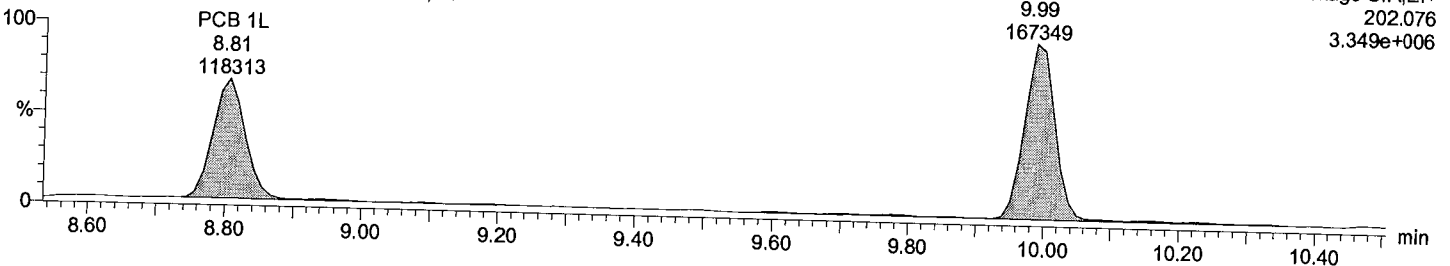
Total MoCB labeled F1

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Total MoCB labeled F1

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AHM1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

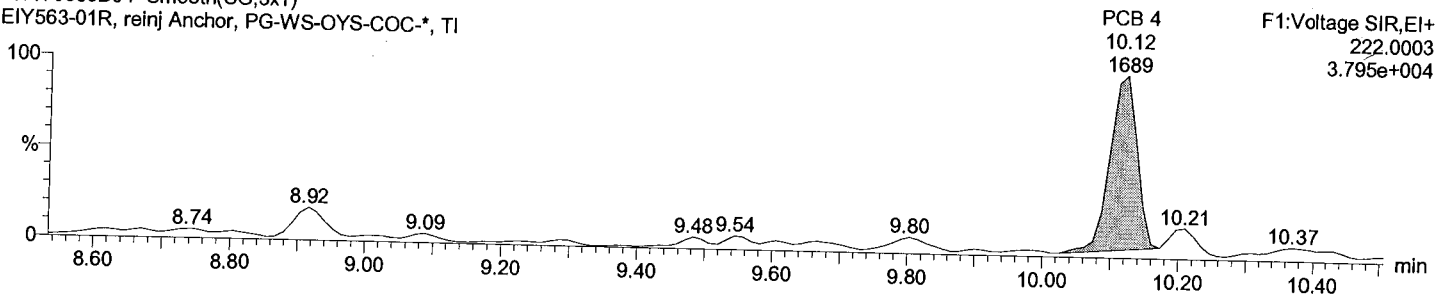
Date: 09-Jun-2017

Time: 21:11:38

Instrument:

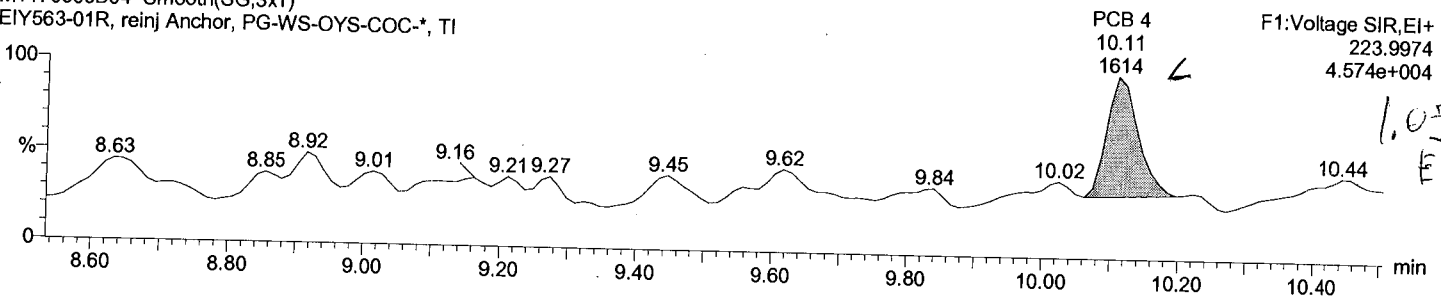
Total DiCB F1

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



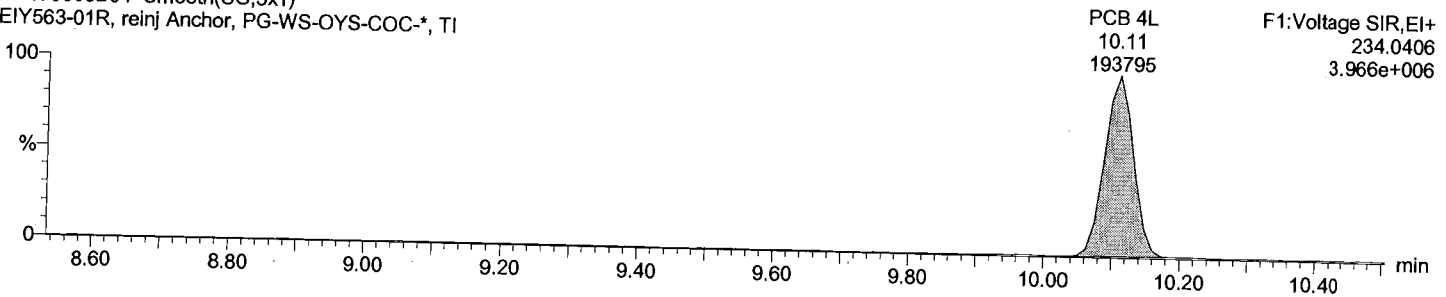
Total DiCB F1

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



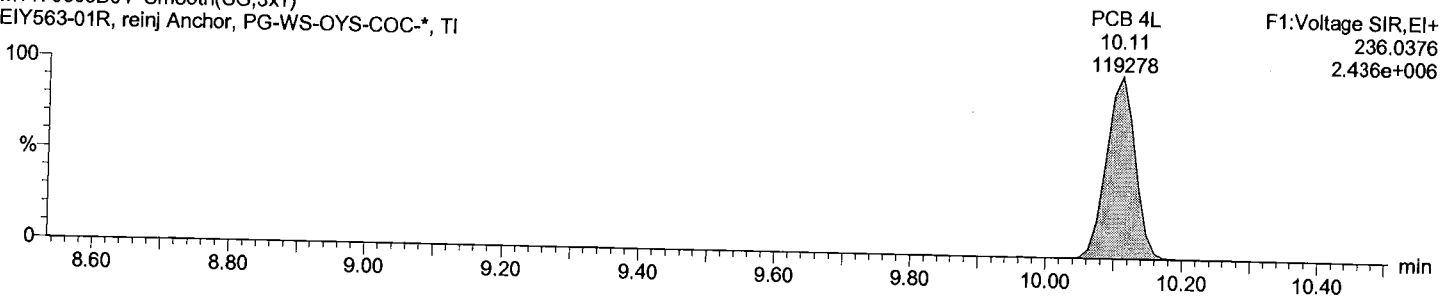
Total DiCB labeled F1

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Total DiCB labeled F1

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AH\M1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

Date: 09-Jun-2017

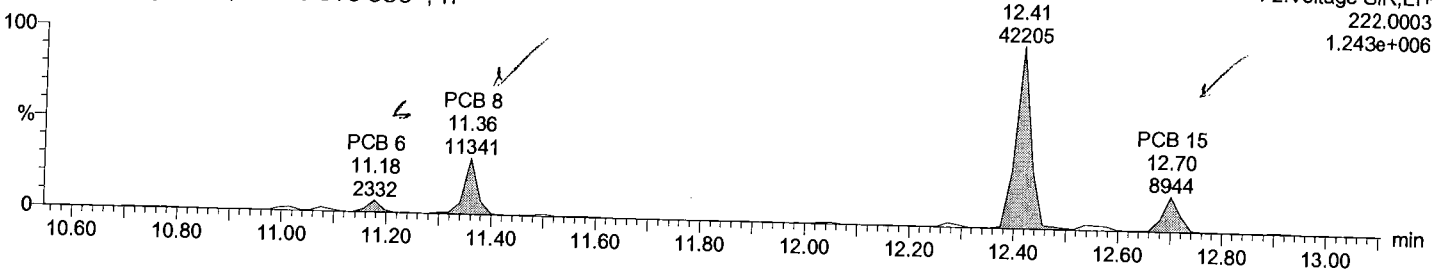
Time: 21:11:38

Instrument:

Total DiCB F2

M1170609B04

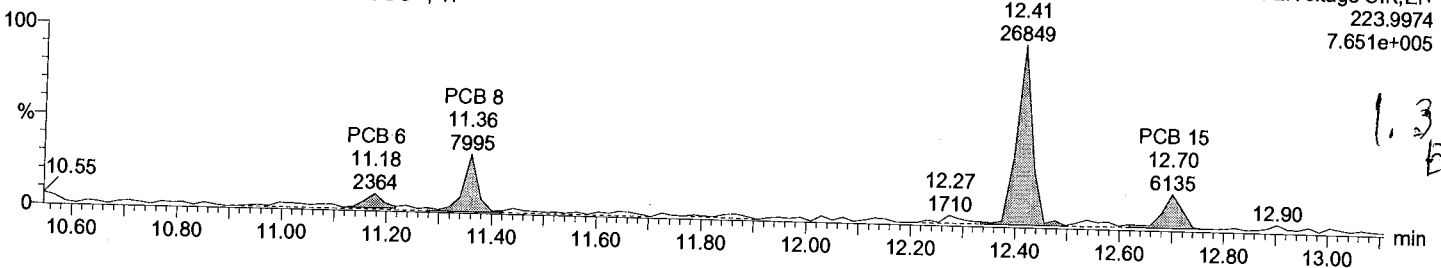
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Total DiCB F2

M1170609B04

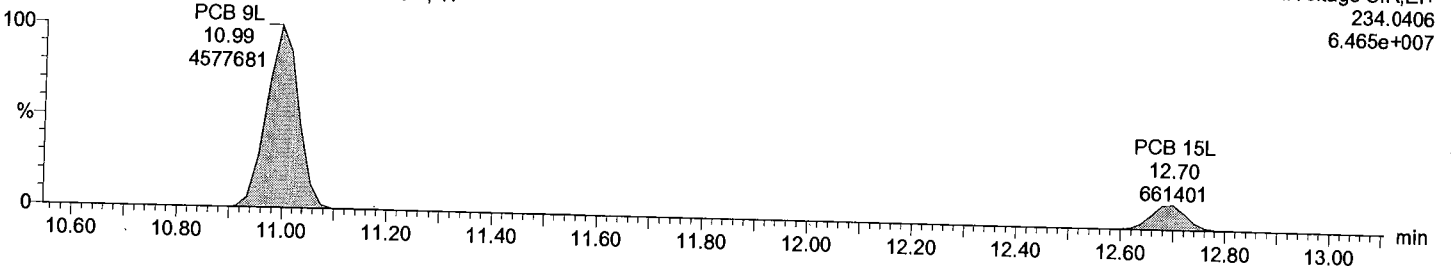
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Total DiCB labeled F2

M1170609B04 Smooth(SG,3x1)

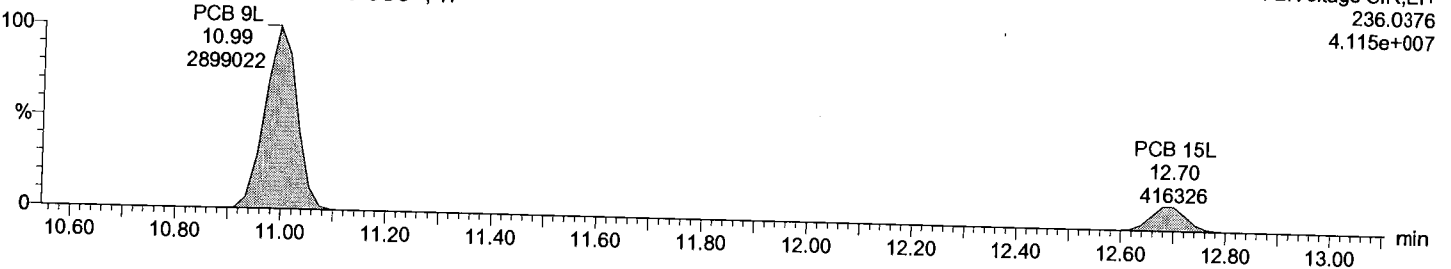
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Total DiCB labeled F2

M1170609B04 Smooth(SG,3x1)

EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Quantify Sample Report

Acquired Date

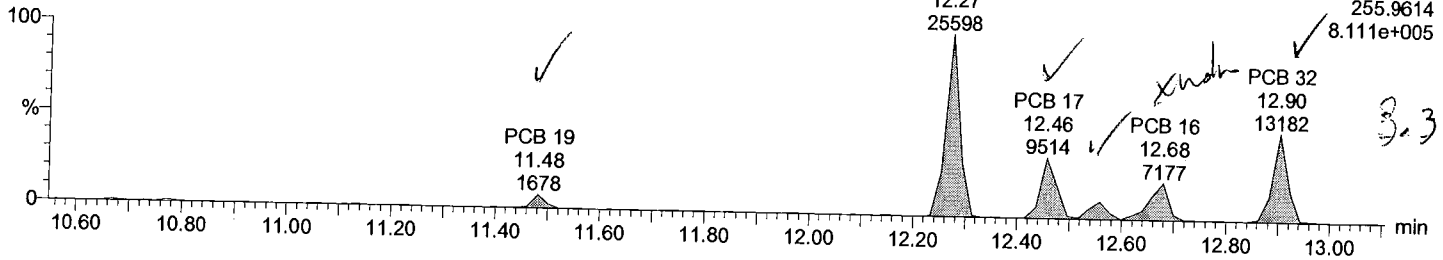
Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AHM1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM  
Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj  
Vial: 4  
Date: 09-Jun-2017  
Time: 21:11:38  
Instrument:

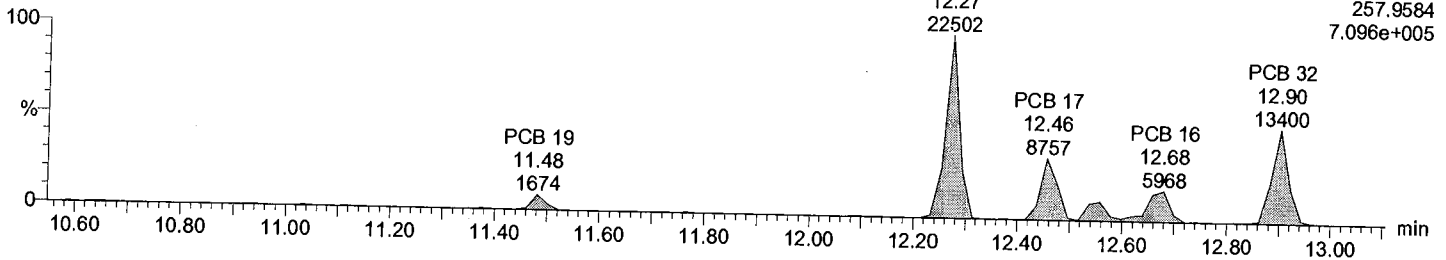
Total TriCB F2

M1170609B04  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



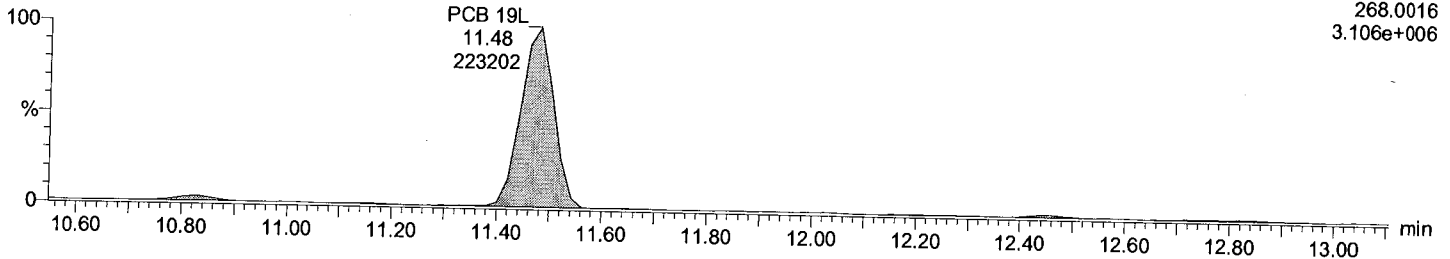
Total TriCB F2

M1170609B04  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



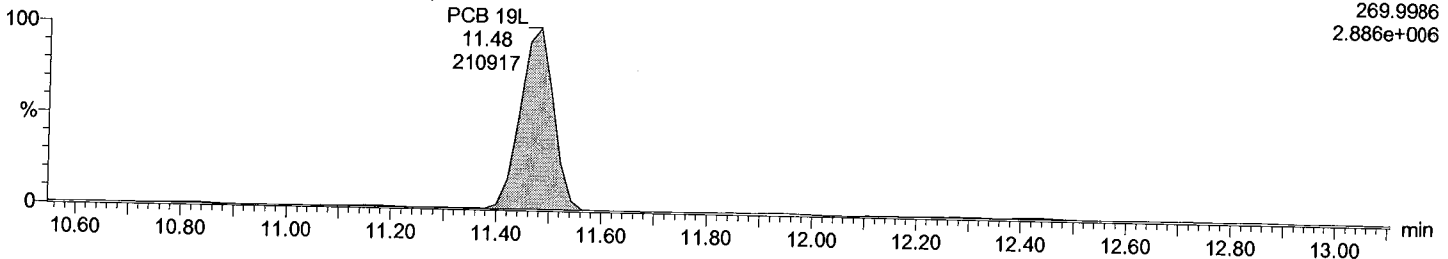
Total TriCB labeled F2

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Total TriCB labeled F2

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AHM1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

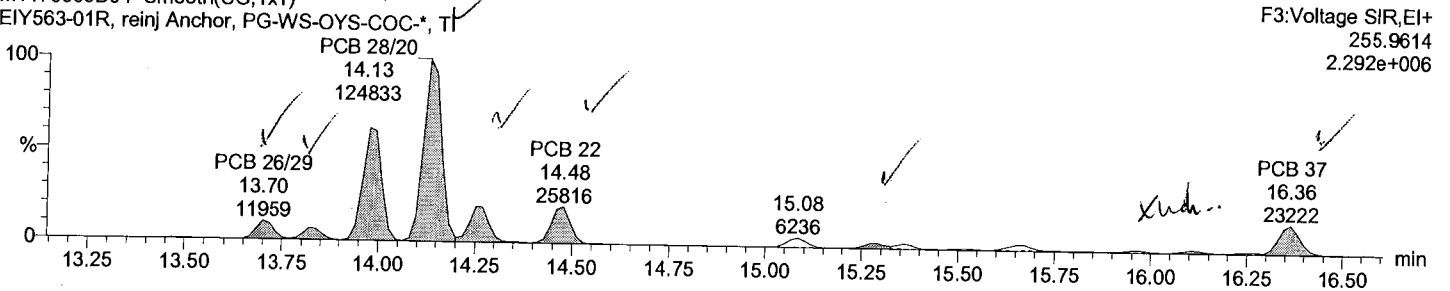
Date: 09-Jun-2017

Time: 21:11:38

Instrument:

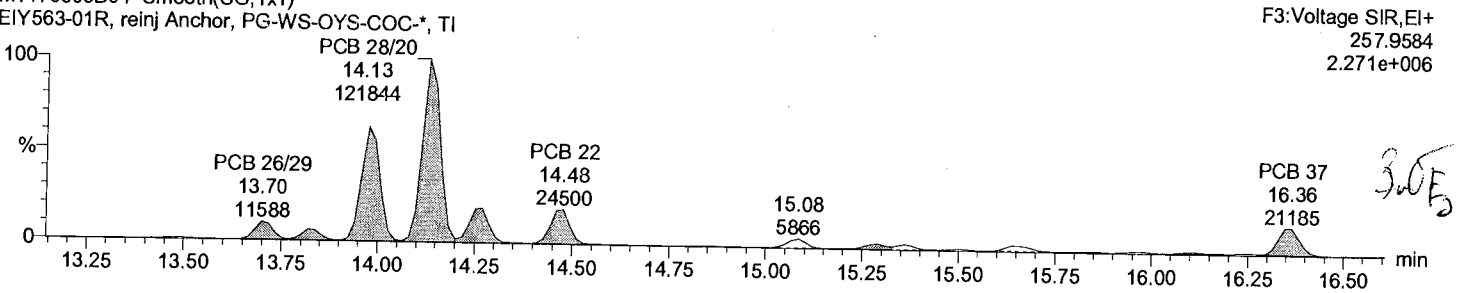
Total TriCB F3

M1170609B04 Smooth(SG,1x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



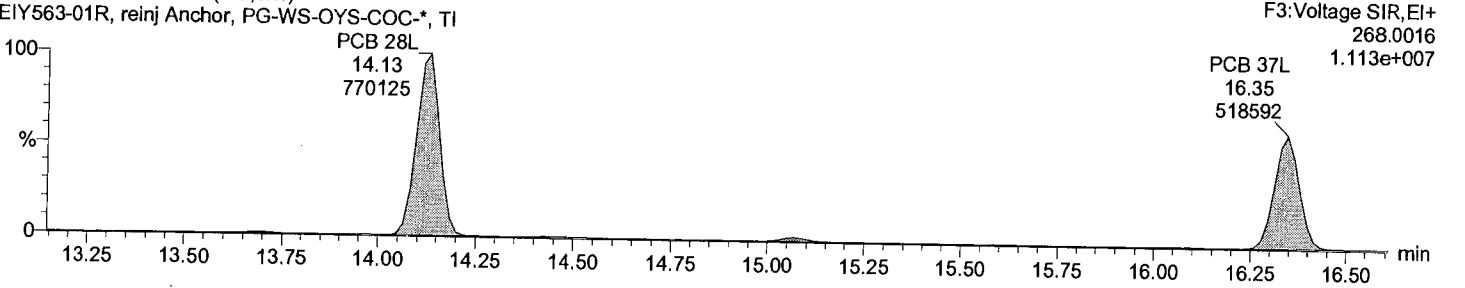
Total TriCB F3

M1170609B04 Smooth(SG,1x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



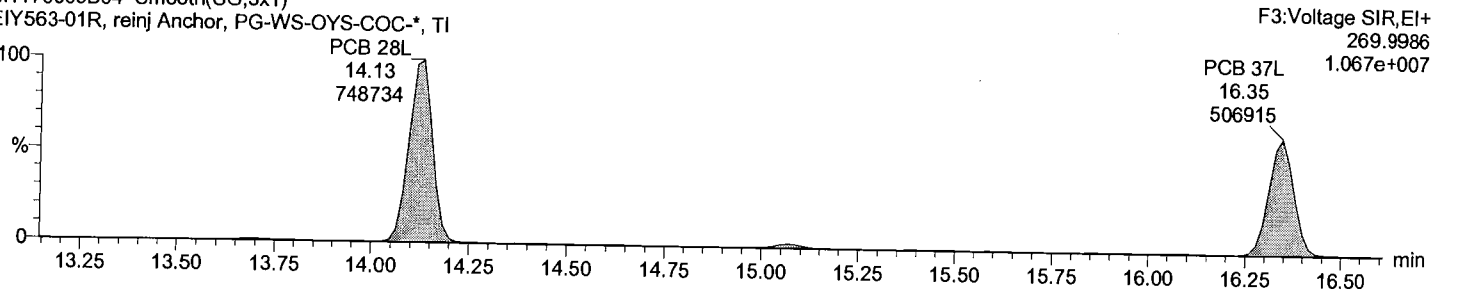
Total TriCB labeled F3

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Total TriCB labeled F3

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI





Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AH\M1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

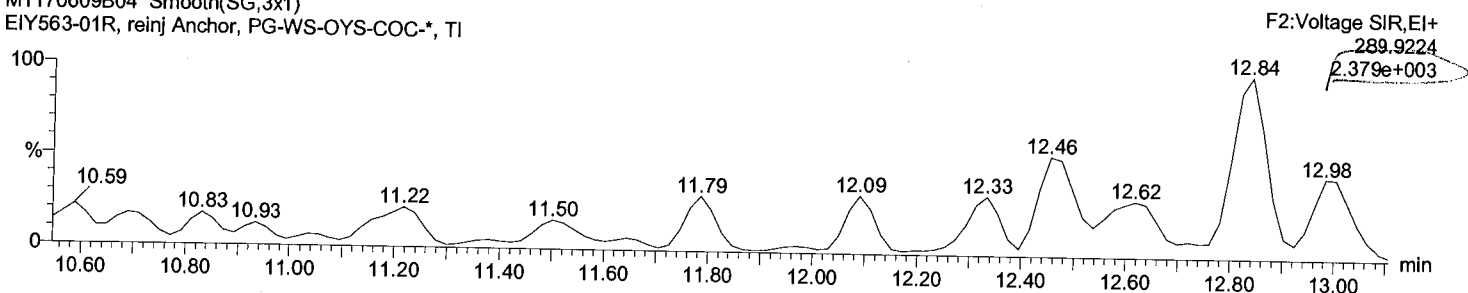
Date: 09-Jun-2017

Time: 21:11:38

Instrument:

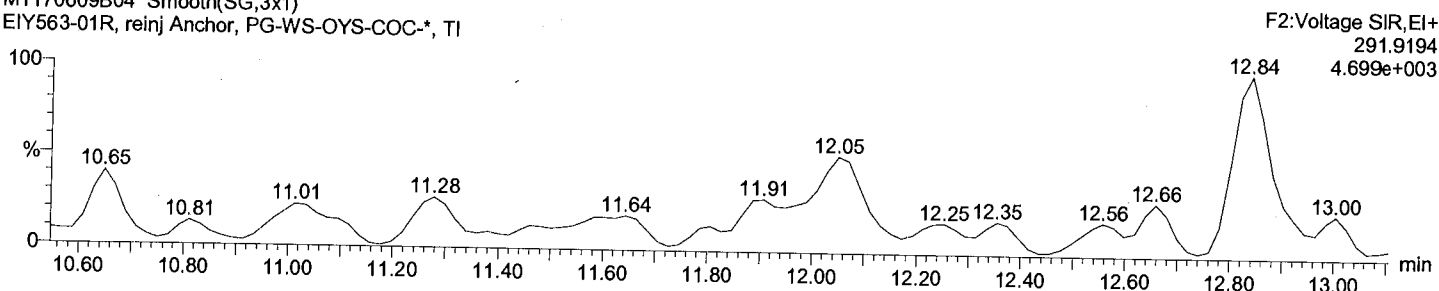
Total TeCB F2

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



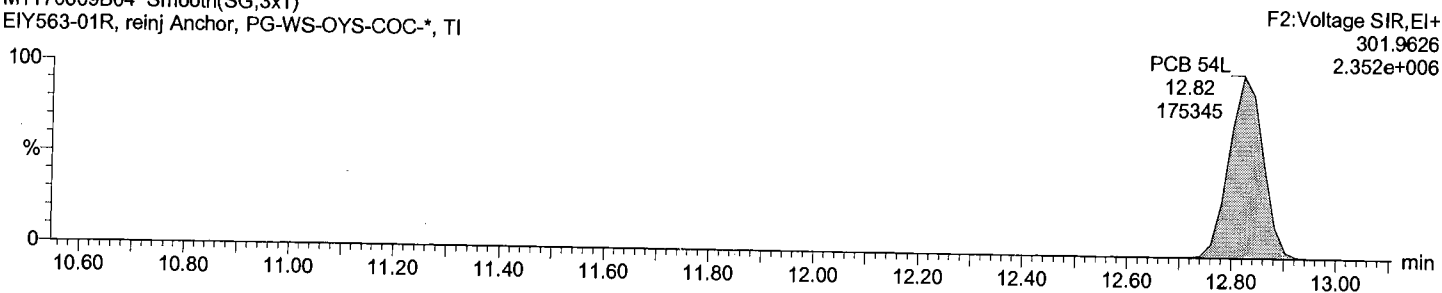
Total TeCB F2

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



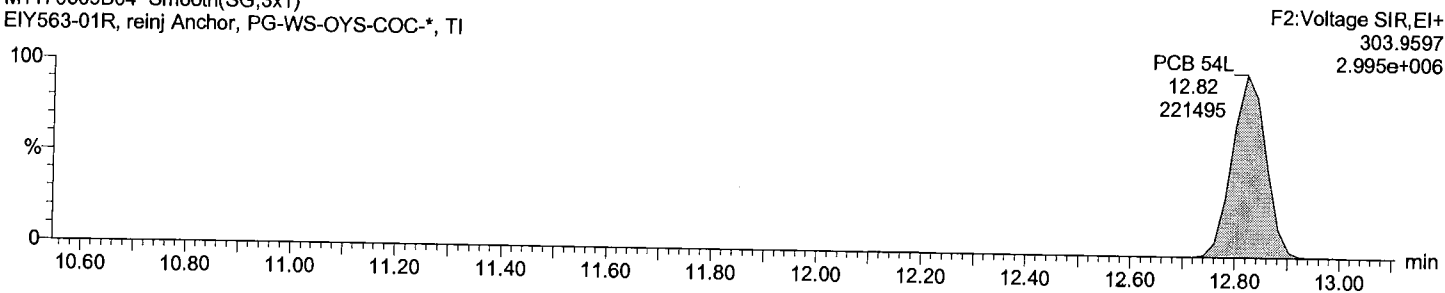
Total TeCB labeled F2

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Total TeCB labeled F2

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AHM1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

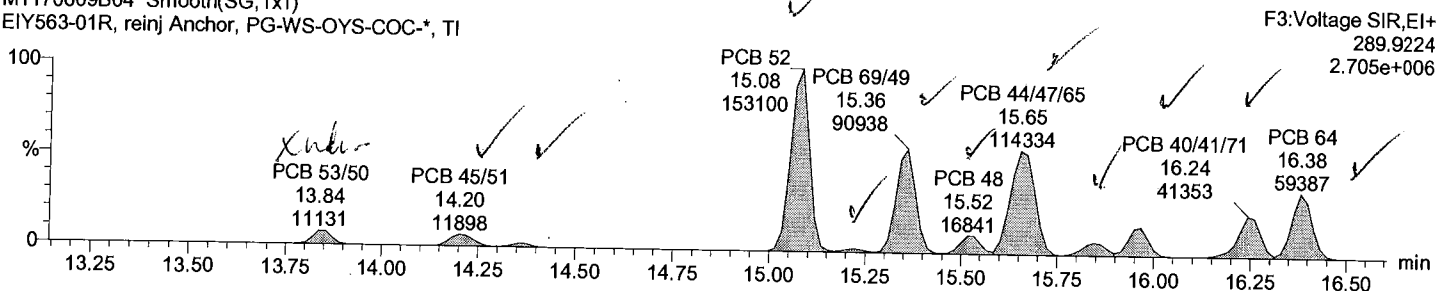
Date: 09-Jun-2017

Time: 21:11:38

Instrument:

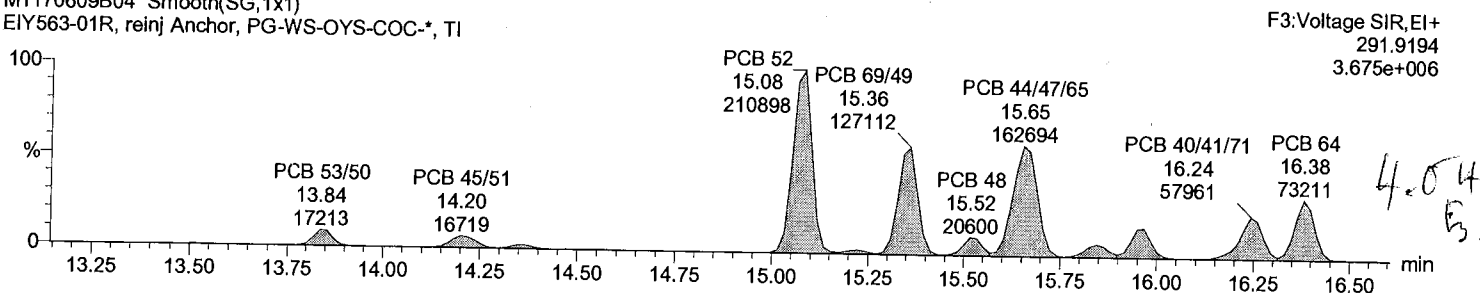
Total TeCB F3

M1170609B04 Smooth(SG,1x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



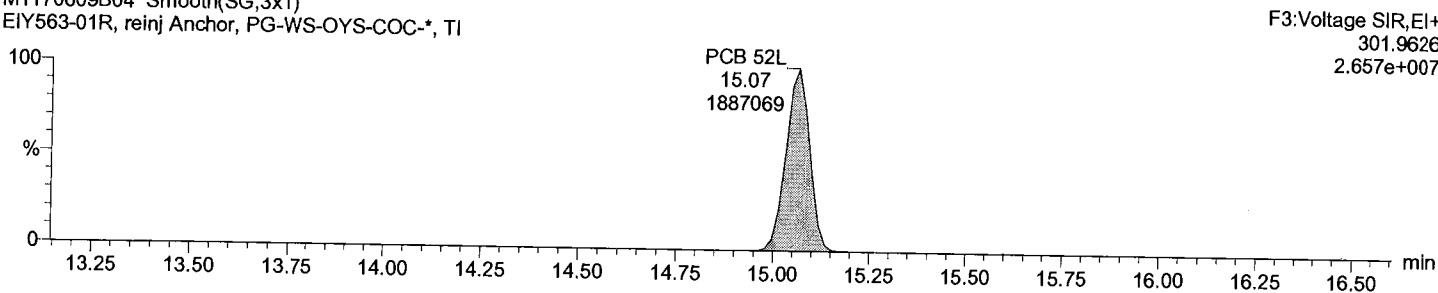
Total TeCB F3

M1170609B04 Smooth(SG,1x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



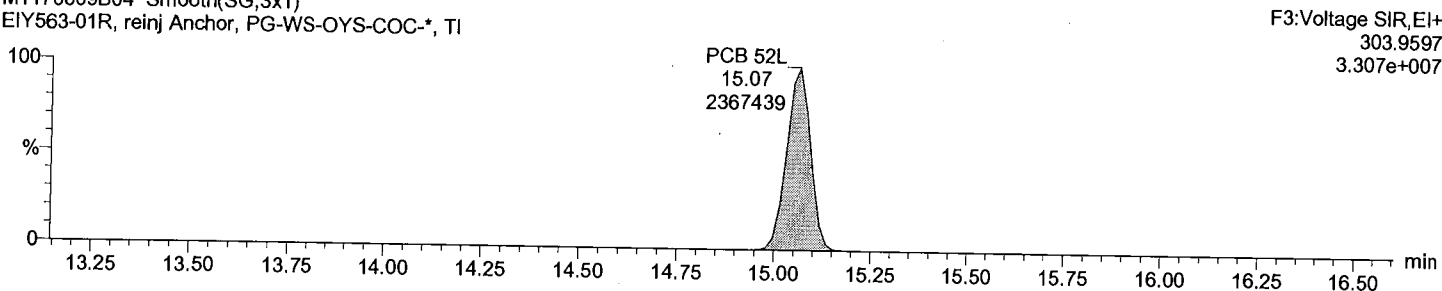
Total TeCB labeled F3

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Total TeCB labeled F3

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AH\M1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

Date: 09-Jun-2017

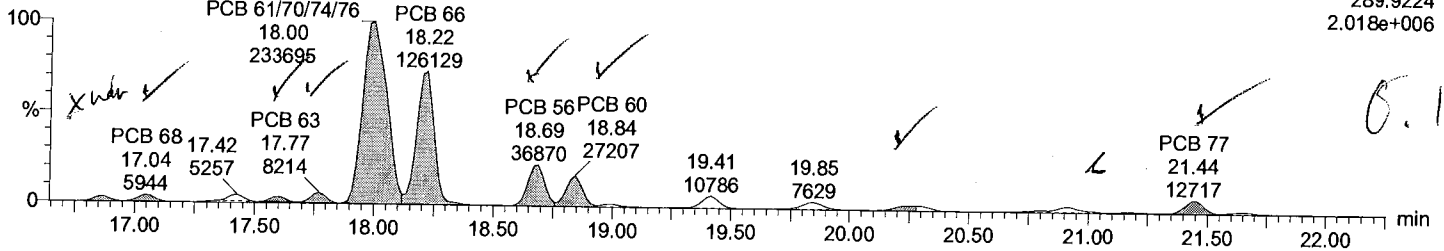
Time: 21:11:38

Instrument:

Total TeCB F4

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

F4:Voltage SIR,EI+  
289.9224  
2.018e+006

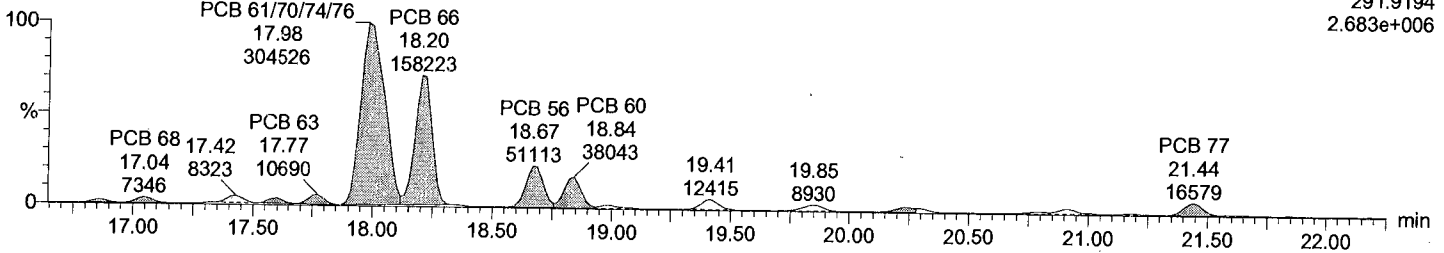


*O.1 f3.*

Total TeCB F4

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

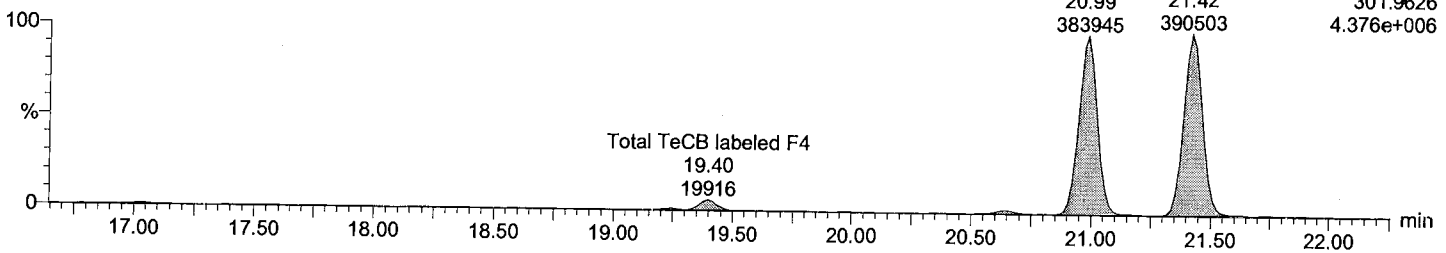
F4:Voltage SIR,EI+  
291.9194  
2.683e+006



Total TeCB labeled F4

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

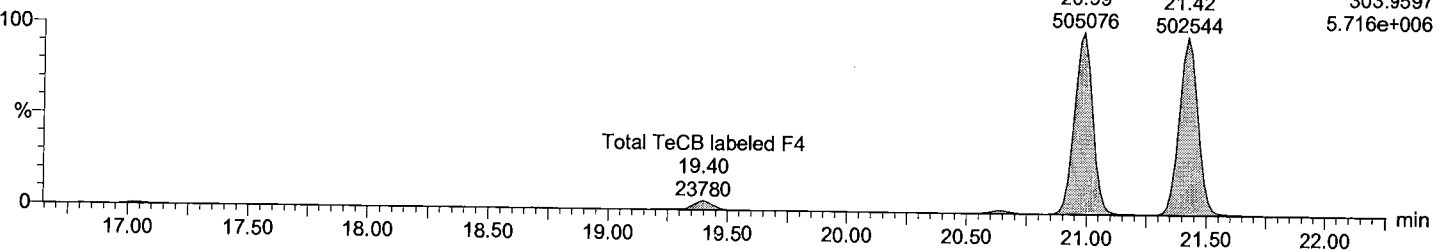
PCB 81L 20.99 383945  
PCB 77L 21.42 390503  
F4:Voltage SIR,EI+  
301.9626  
4.376e+006



Total TeCB labeled F4

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

PCB 81L 20.99 505076  
PCB 77L 21.42 502544  
F4:Voltage SIR,EI+  
303.9597  
5.716e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AH\M1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

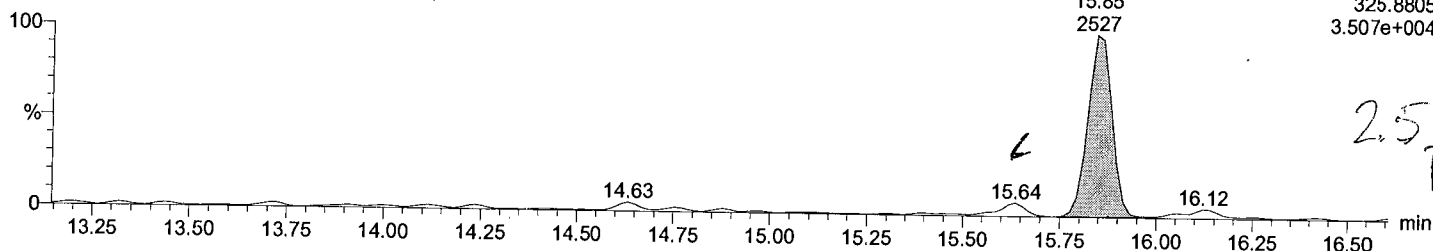
Date: 09-Jun-2017

Time: 21:11:38

Instrument:

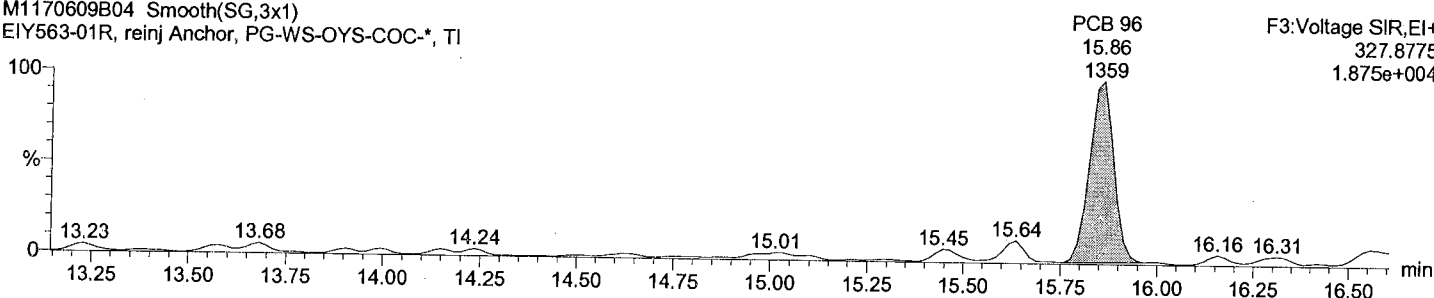
Total PeCB F3

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



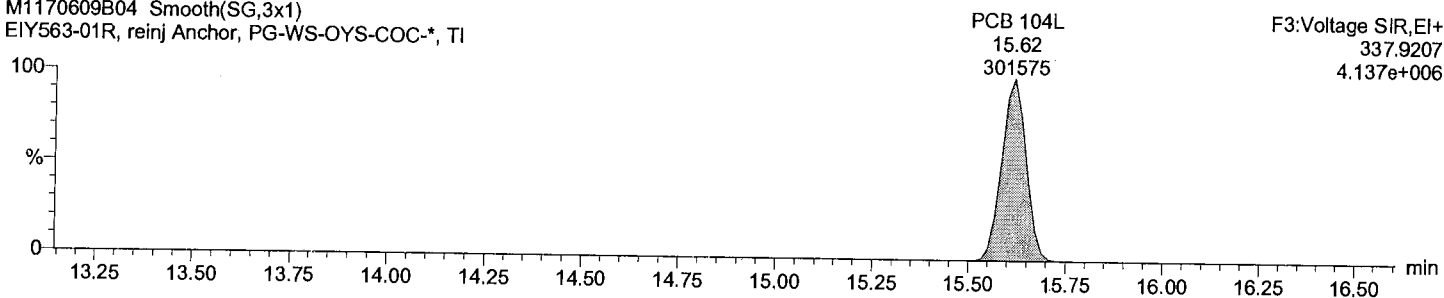
Total PeCB F3

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



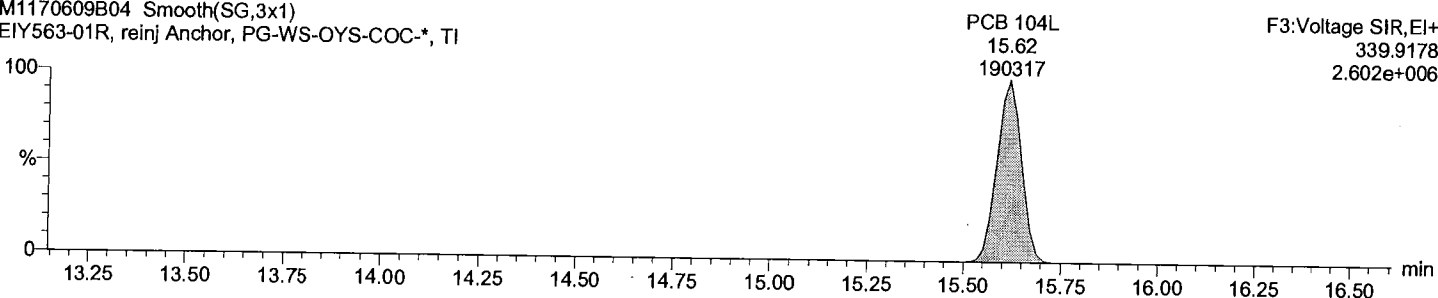
Total PeCB labeled F3

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Total PeCB labeled F3

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AHM1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

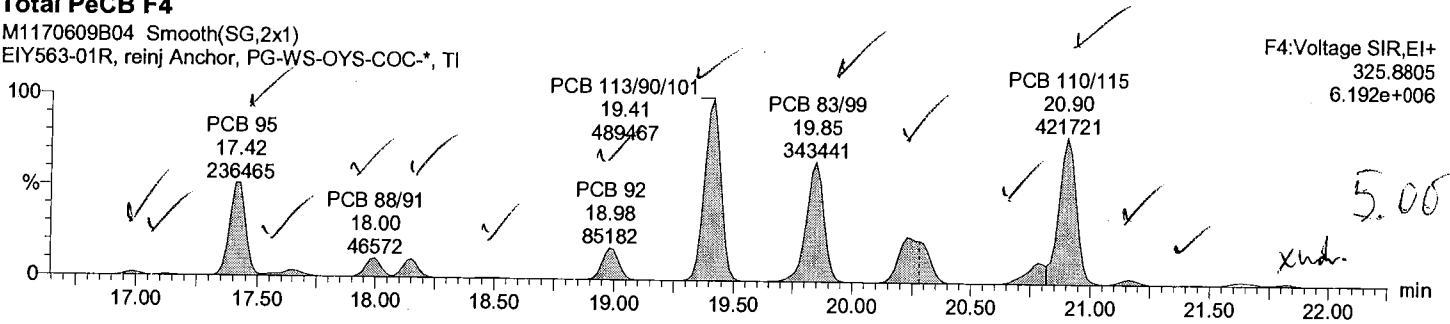
Date: 09-Jun-2017

Time: 21:11:38

Instrument:

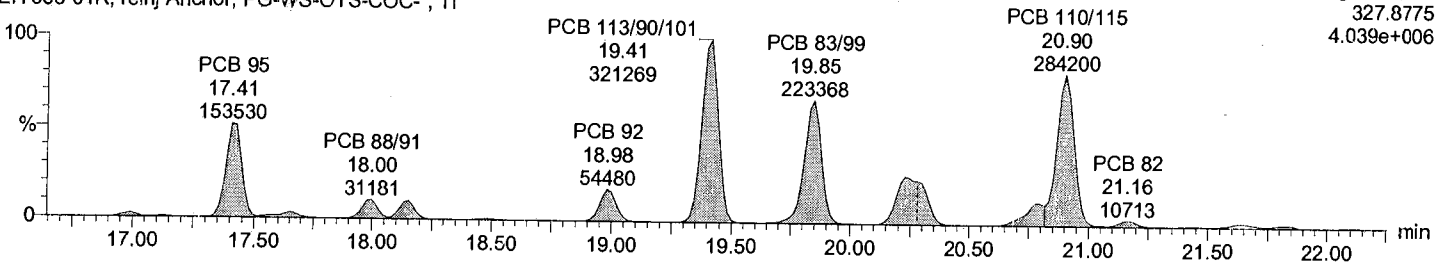
Total PeCB F4

M1170609B04 Smooth(SG,2x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



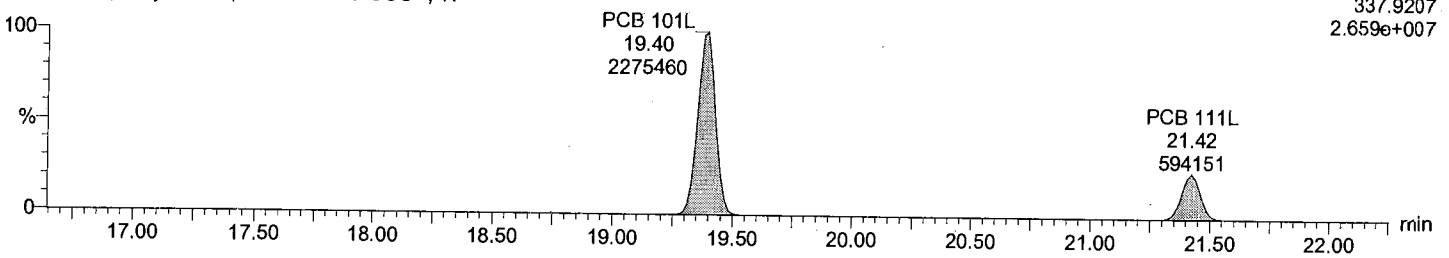
Total PeCB F4

M1170609B04 Smooth(SG,2x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



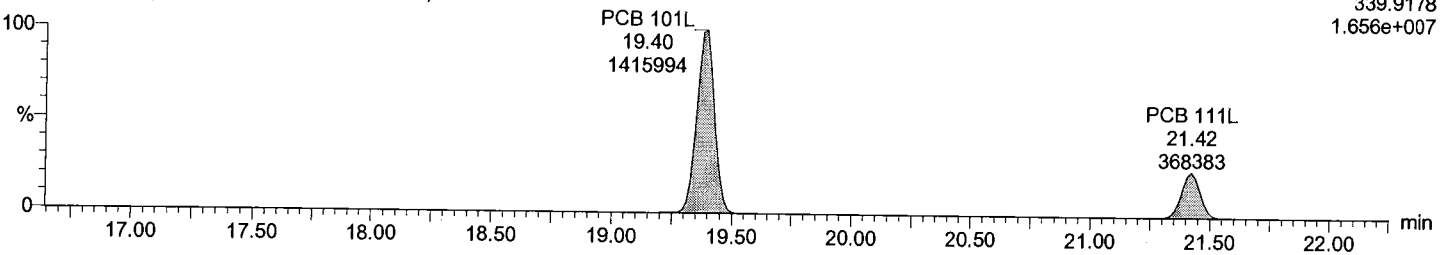
Total PeCB labeled F4

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Total PeCB labeled F4

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AH\M1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

Date: 09-Jun-2017

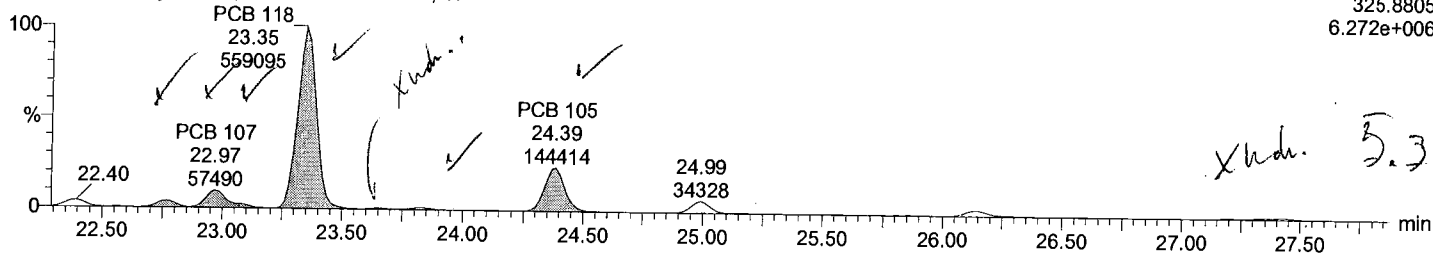
Time: 21:11:38

Instrument:

Total PeCB F5

M1170609B04 Smooth(SG,2x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

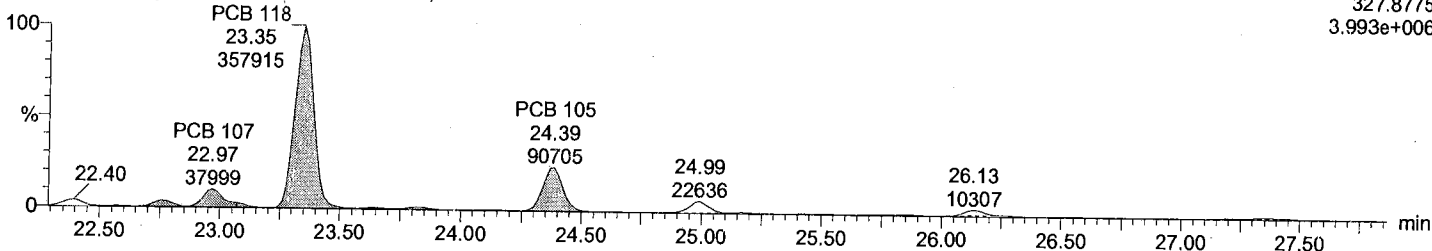
F5:Voltage SIR,EI+  
325.8805  
6.272e+006



Total PeCB F5

M1170609B04 Smooth(SG,2x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

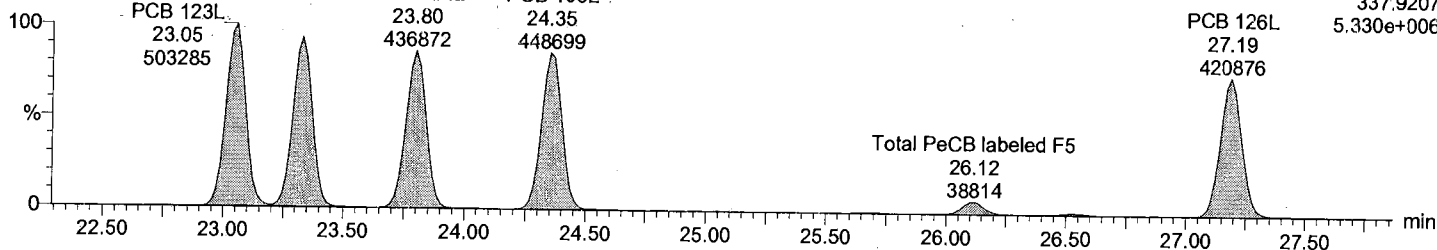
F5:Voltage SIR,EI+  
327.8775  
3.993e+006



Total PeCB labeled F5

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

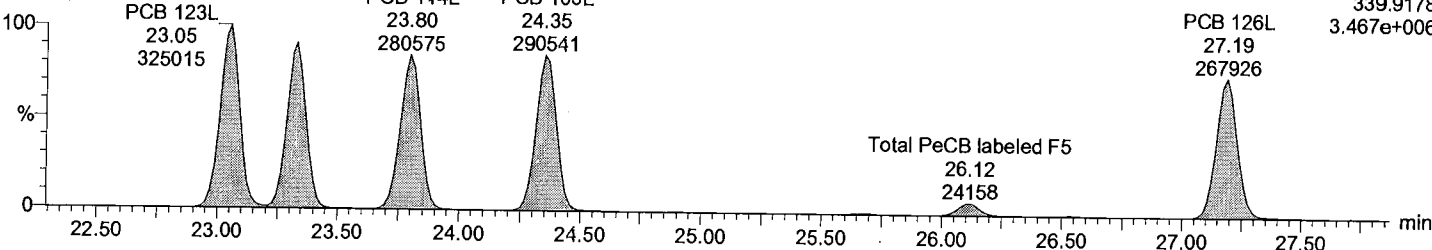
F5:Voltage SIR,EI+  
337.9207  
5.330e+006



Total PeCB labeled F5

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

F5:Voltage SIR,EI+  
339.9178  
3.467e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AHM1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

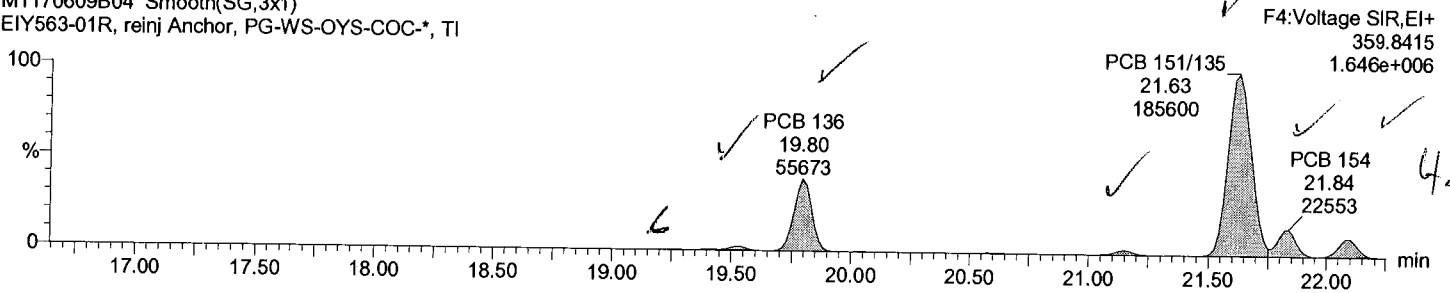
Date: 09-Jun-2017

Time: 21:11:38

Instrument:

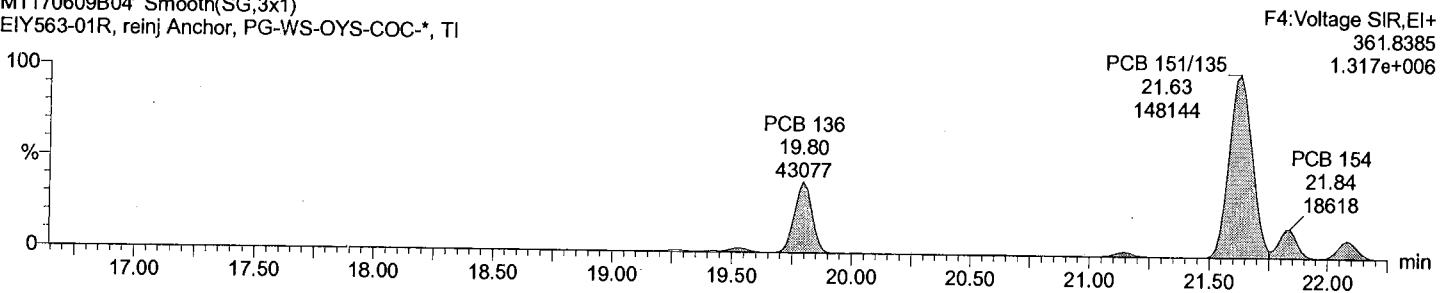
Total HxCB F4

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



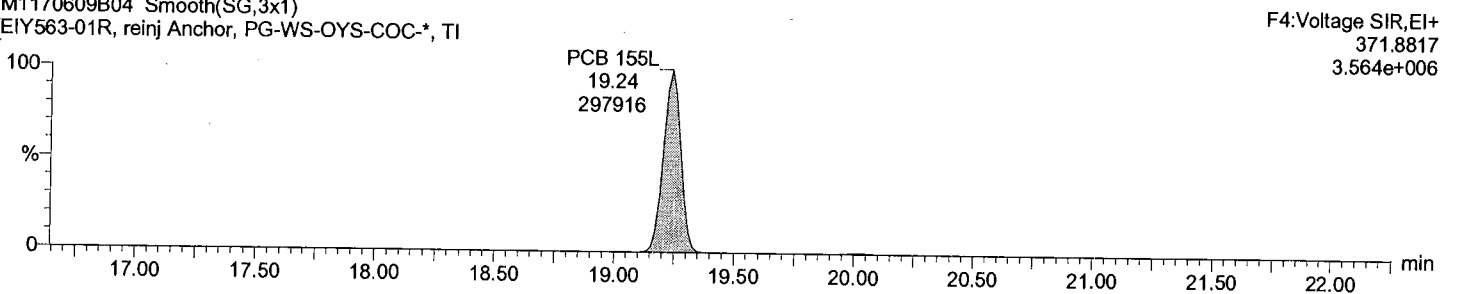
Total HxCB F4

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



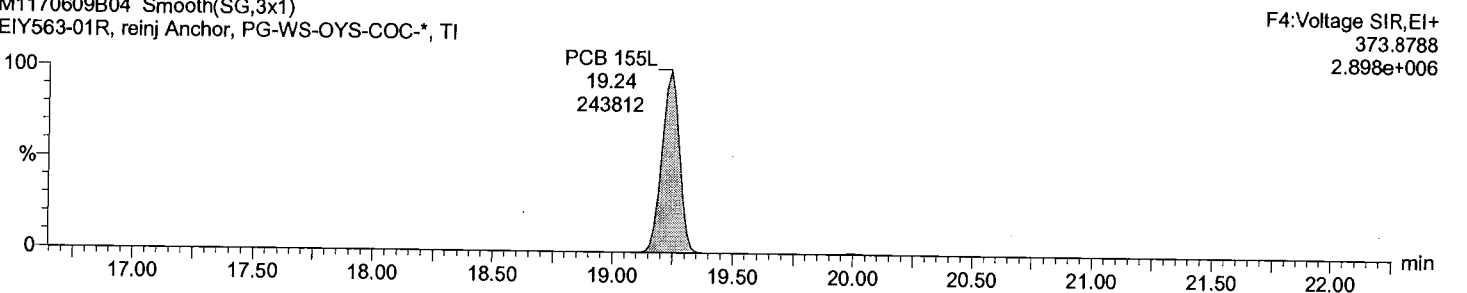
Total HxCB labeled F4

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Total HxCB labeled F4

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



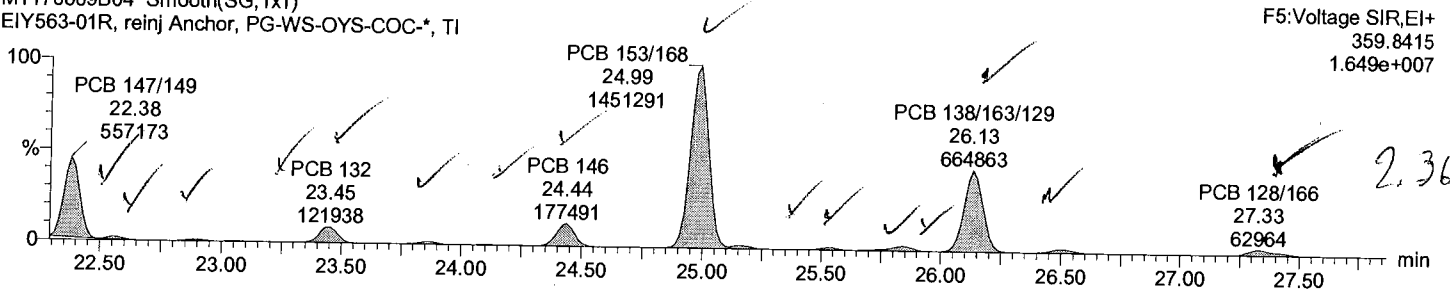
Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AH\M1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM  
Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj  
Vial: 4  
Date: 09-Jun-2017  
Time: 21:11:38  
Instrument:

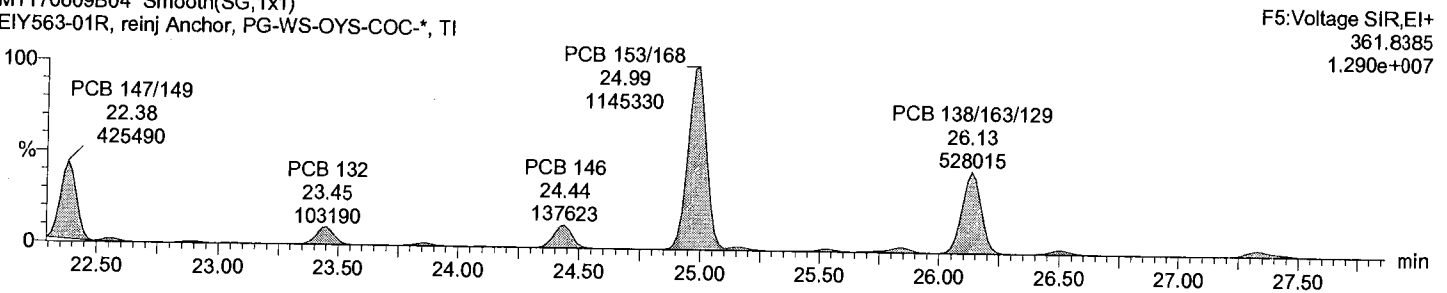
**Total HxCB F5**

M1170609B04 Smooth(SG,1x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



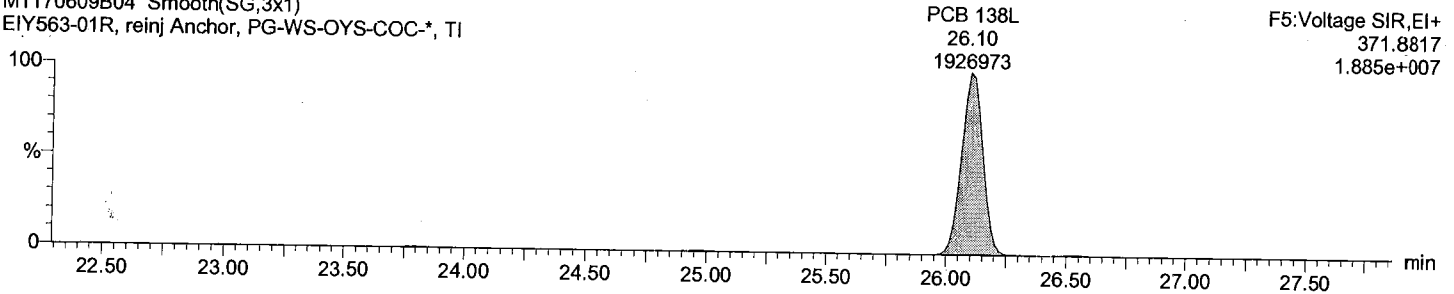
**Total HxCB F5**

M1170609B04 Smooth(SG,1x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



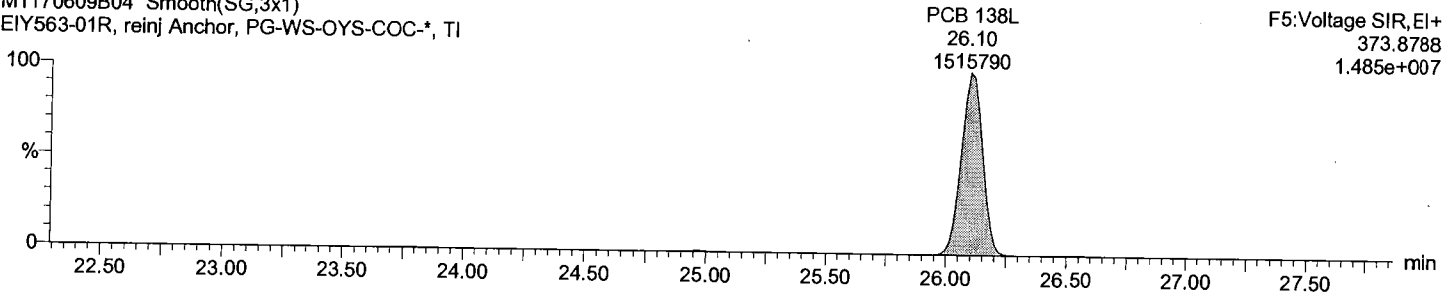
**Total HxCB labeled F5**

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



**Total HxCB labeled F5**

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI





Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AHM1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

Date: 09-Jun-2017

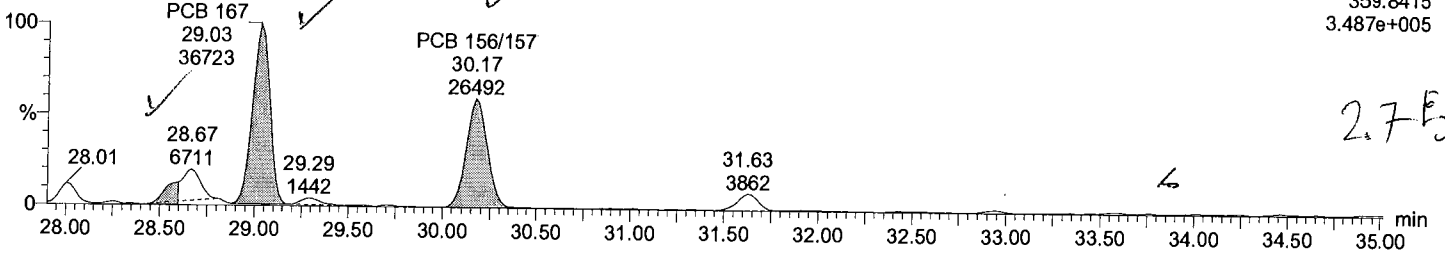
Time: 21:11:38

Instrument:

Total HxCB F6

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

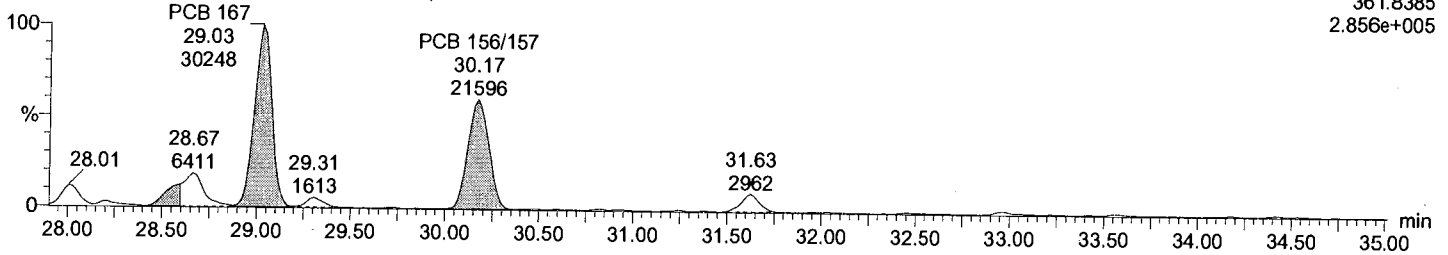
F6:Voltage SIR,EI+  
359.8415  
3.487e+005



Total HxCB F6

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

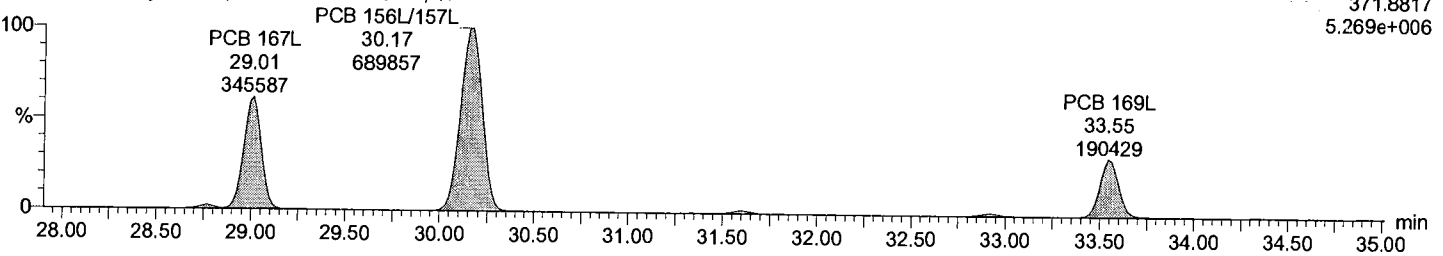
F6:Voltage SIR,EI+  
361.8385  
2.856e+005



Total HxCB labeled F6

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

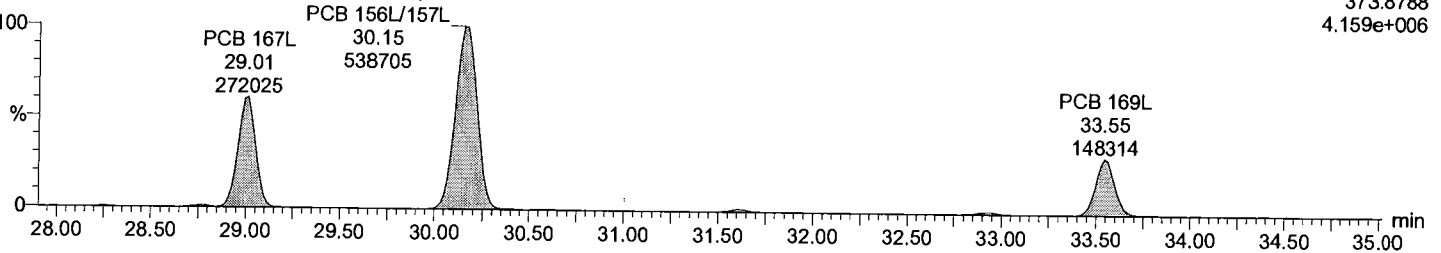
F6:Voltage SIR,EI+  
371.8817  
5.269e+006



Total HxCB labeled F6

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

F6:Voltage SIR,EI+  
373.8788  
4.159e+006



Quantify Sample Report

Acquired Date

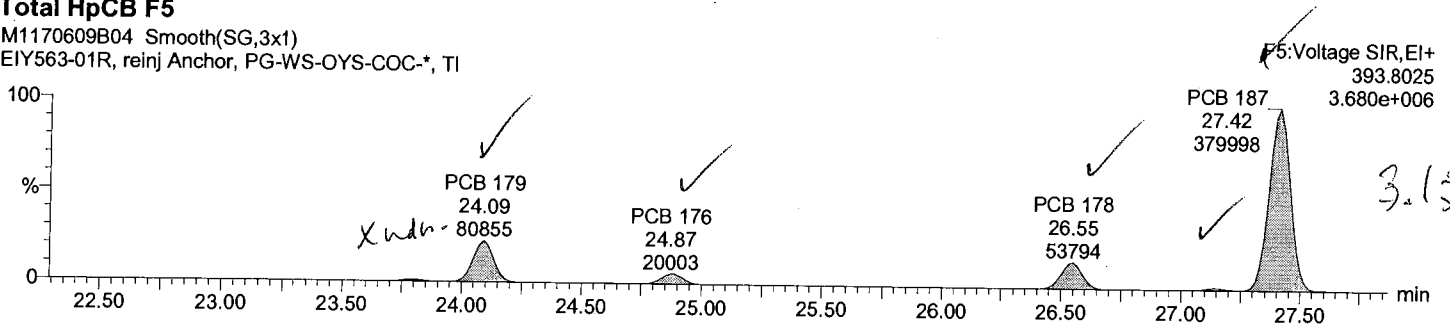
Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AHM1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM  
Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj  
Vial: 4  
Date: 09-Jun-2017  
Time: 21:11:38  
Instrument:

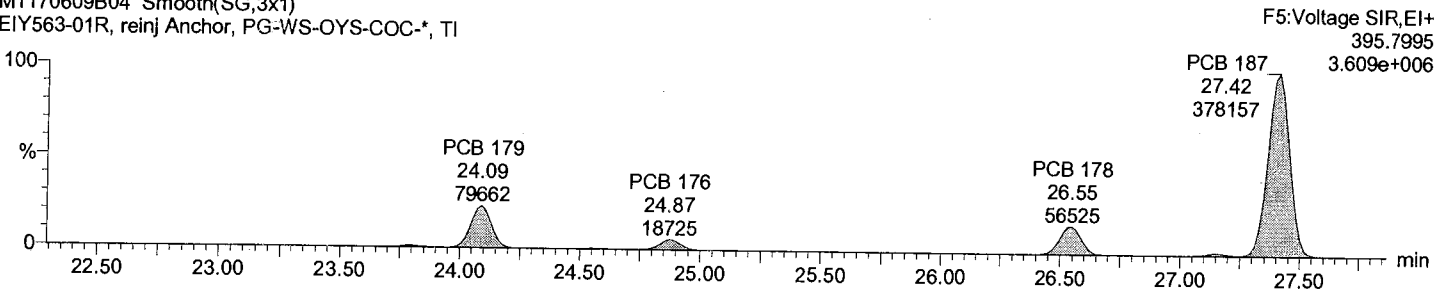
Total HpCB F5

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



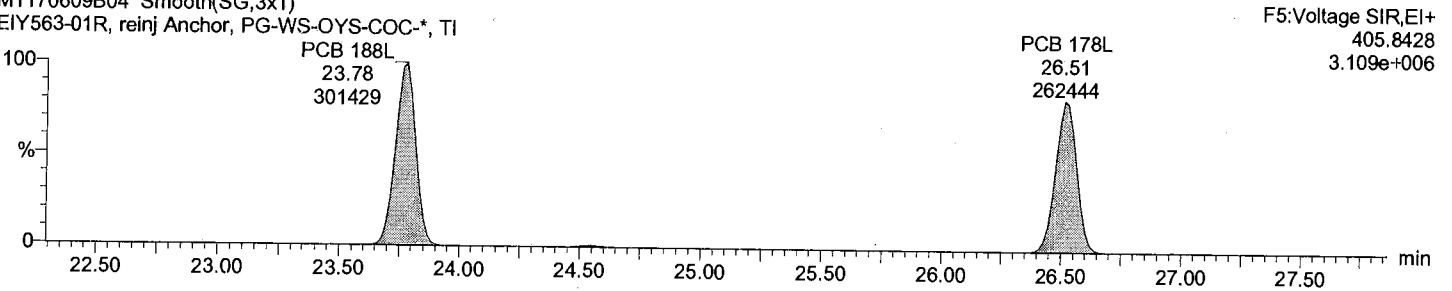
Total HpCB F5

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



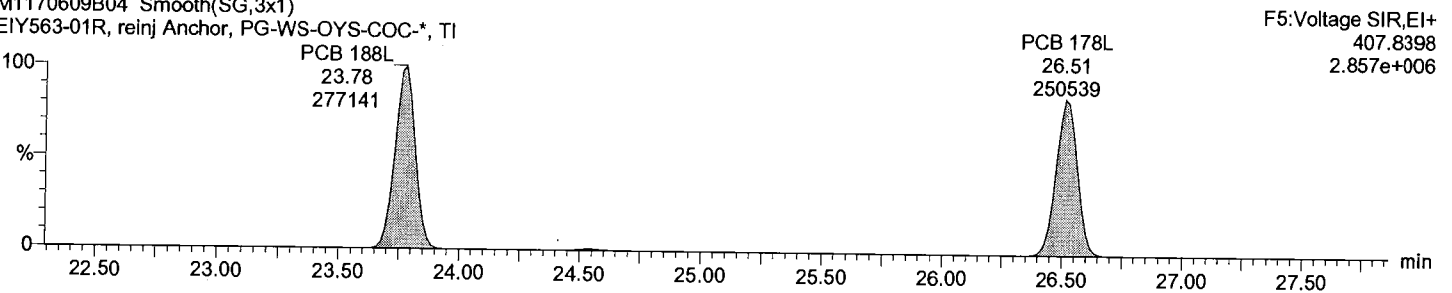
Total HpCB labeled F5

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Total HpCB labeled F5

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AHM1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

Date: 09-Jun-2017

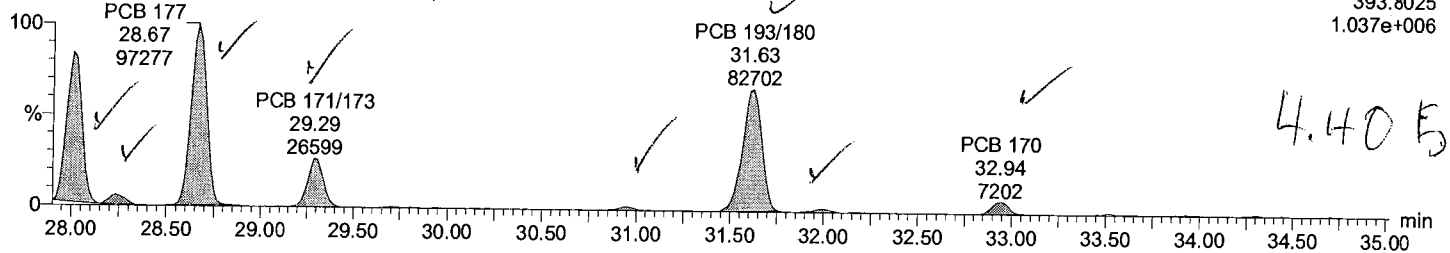
Time: 21:11:38

Instrument:

Total HpCB F6

M1170609B04 Smooth(SG,1x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

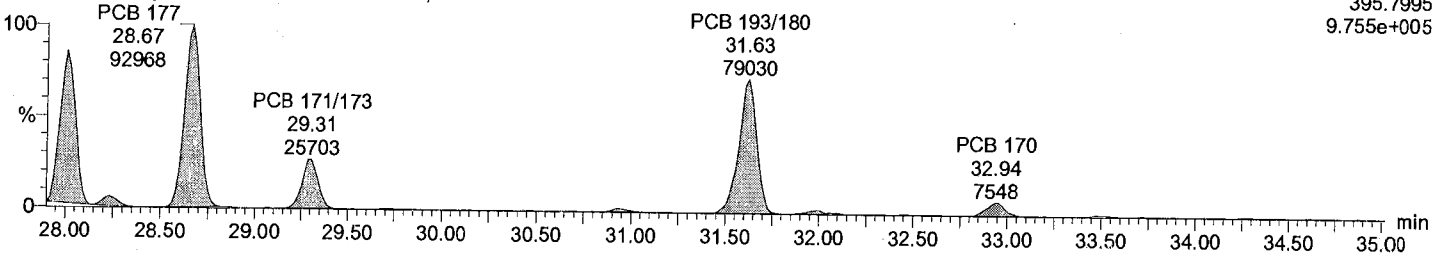
F6:Voltage SIR,EI+  
393.8025  
1.037e+006



Total HpCB F6

M1170609B04 Smooth(SG,1x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

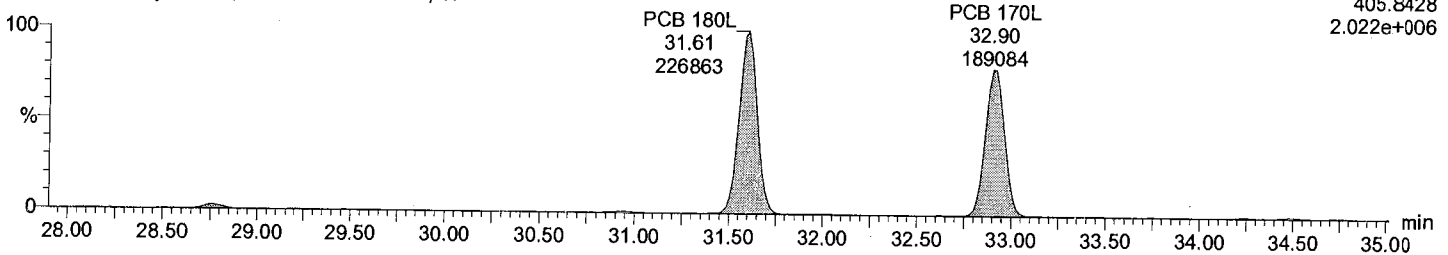
F6:Voltage SIR,EI+  
395.7995  
9.755e+005



Total HpCB labeled F6

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

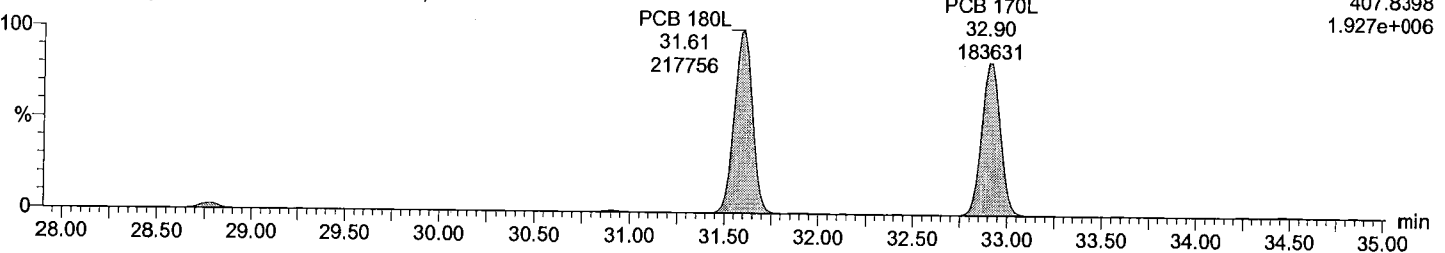
F6:Voltage SIR,EI+  
405.8428  
2.022e+006



Total HpCB labeled F6

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

F6:Voltage SIR,EI+  
407.8398  
1.927e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AH\M1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

Date: 09-Jun-2017

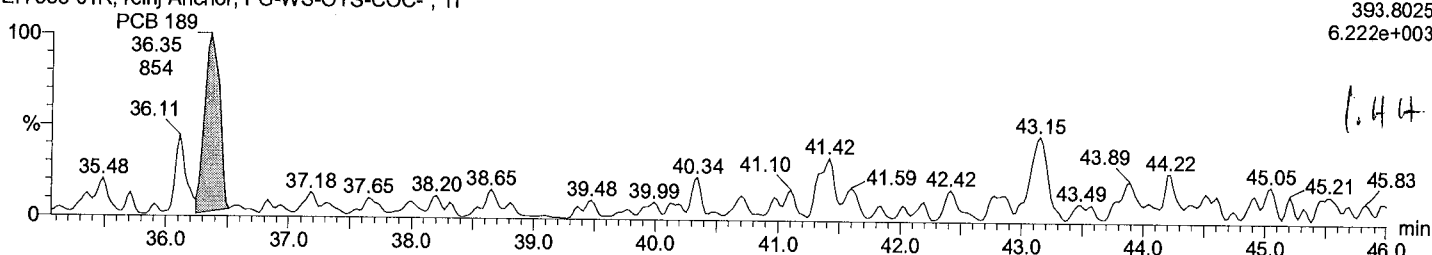
Time: 21:11:38

Instrument:

Total HpCB F7

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

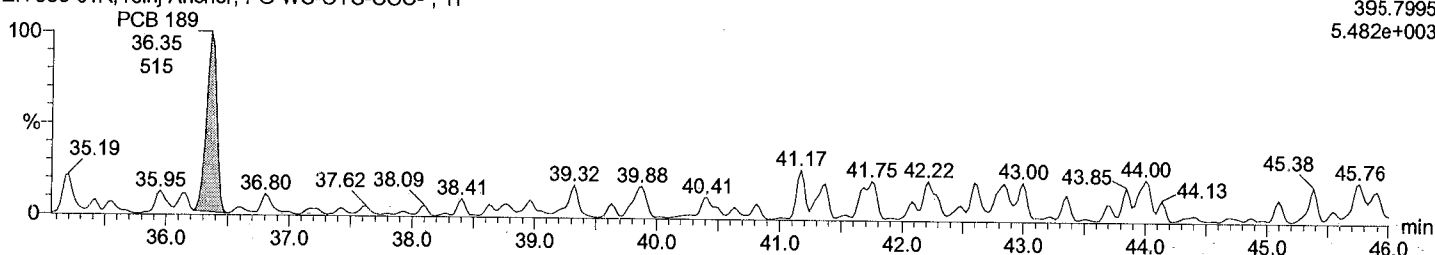
F7:Voltage SIR,EI+  
393.8025  
6.222e+003



Total HpCB F7

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

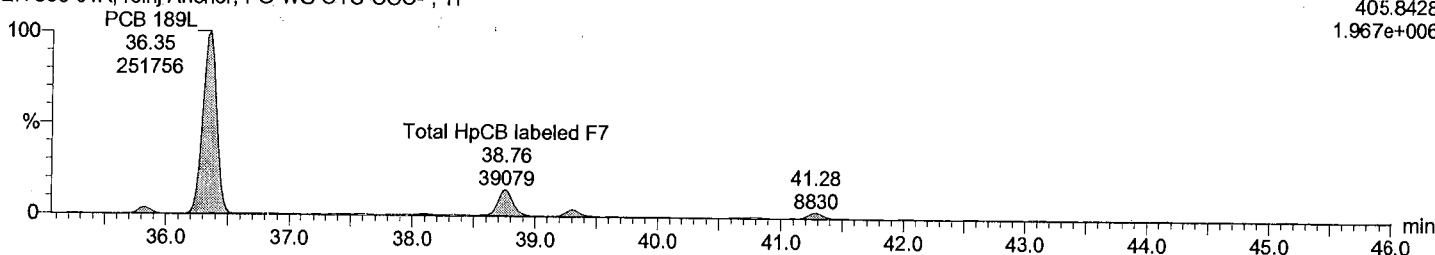
F7:Voltage SIR,EI+  
395.7995  
5.482e+003



Total HpCB labeled F7

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

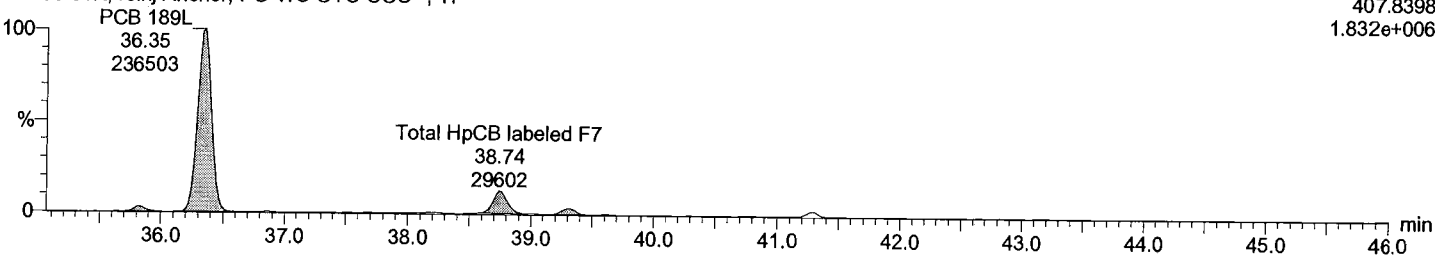
F7:Voltage SIR,EI+  
405.8428  
1.967e+006



Total HpCB labeled F7

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

F7:Voltage SIR,EI+  
407.8398  
1.832e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AH\M1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

Date: 09-Jun-2017

Time: 21:11:38

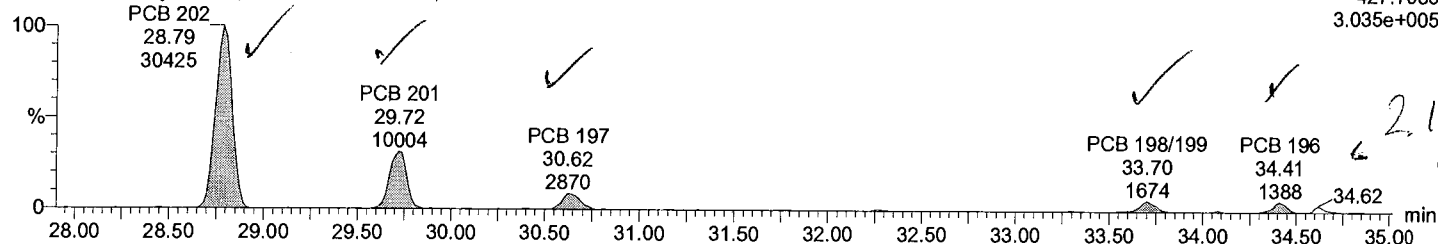
Instrument:

Total OcCB F6

M1170609B04 Smooth(SG,1x1)

EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

F6:Voltage SIR,EI+  
427.7635  
3.035e+005

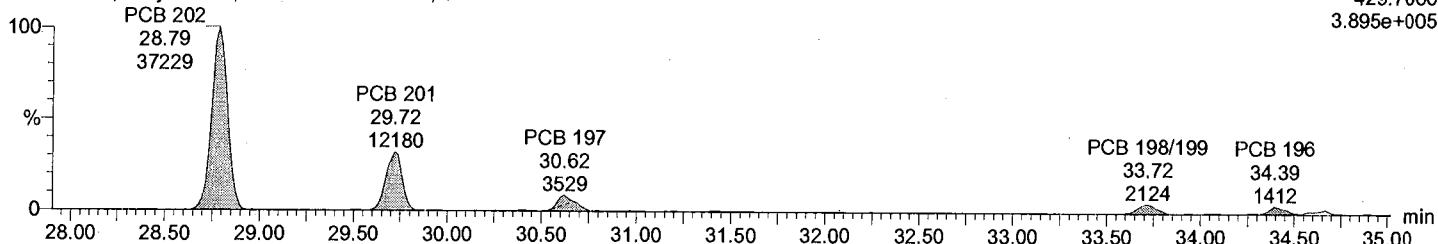


Total OcCB F6

M1170609B04 Smooth(SG,1x1)

EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

F6:Voltage SIR,EI+  
429.7606  
3.895e+005

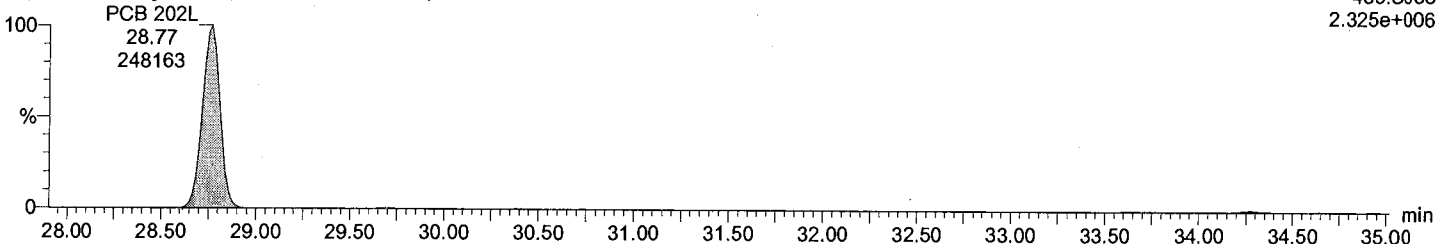


Total OcCB labeled F6

M1170609B04 Smooth(SG,3x1)

EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

F6:Voltage SIR,EI+  
439.8038  
2.325e+006

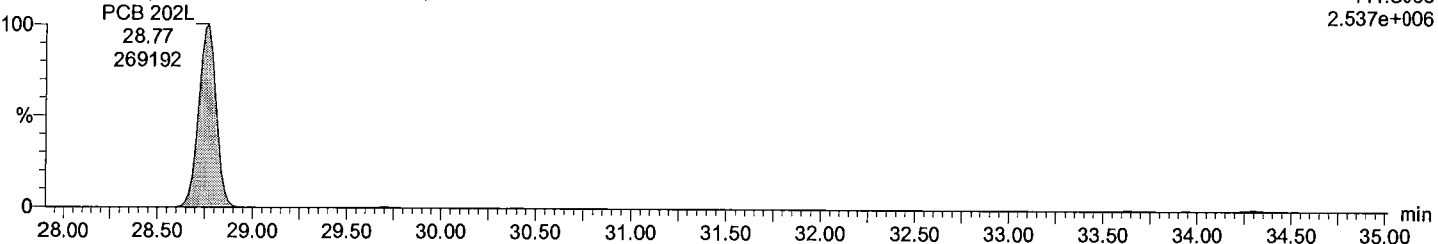


Total OcCB labeled F6

M1170609B04 Smooth(SG,3x1)

EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

F6:Voltage SIR,EI+  
441.8008  
2.537e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AH\M1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

Date: 09-Jun-2017

Time: 21:11:38

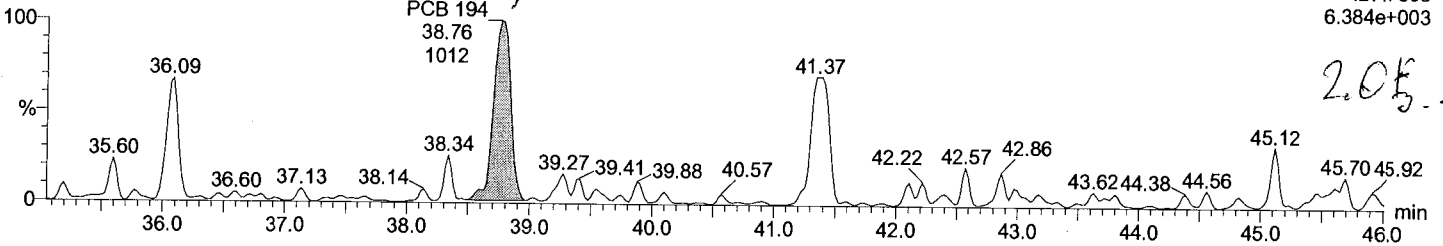
Instrument:

Total OcCB F7

M1170609B04 Smooth(SG,3x1)

EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

F7:Voltage SIR,EI+  
427.7635  
6.384e+003

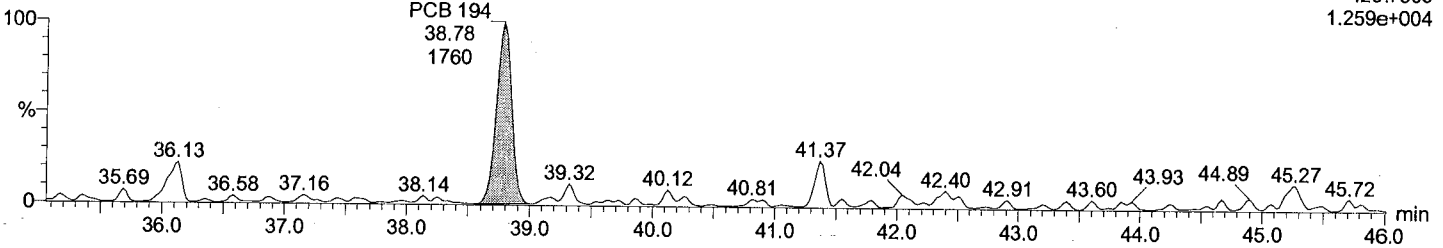


Total OcCB F7

M1170609B04 Smooth(SG,3x1)

EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

F7:Voltage SIR,EI+  
429.7606  
1.259e+004

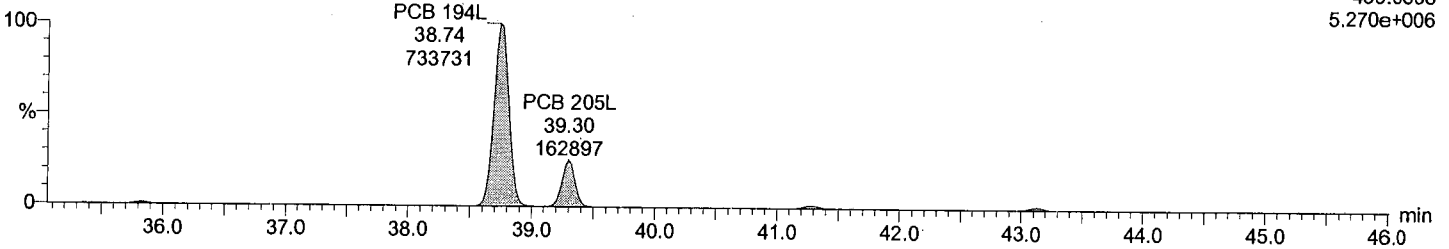


Total OcCB labeled F7

M1170609B04 Smooth(SG,3x1)

EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

F7:Voltage SIR,EI+  
439.8038  
5.270e+006

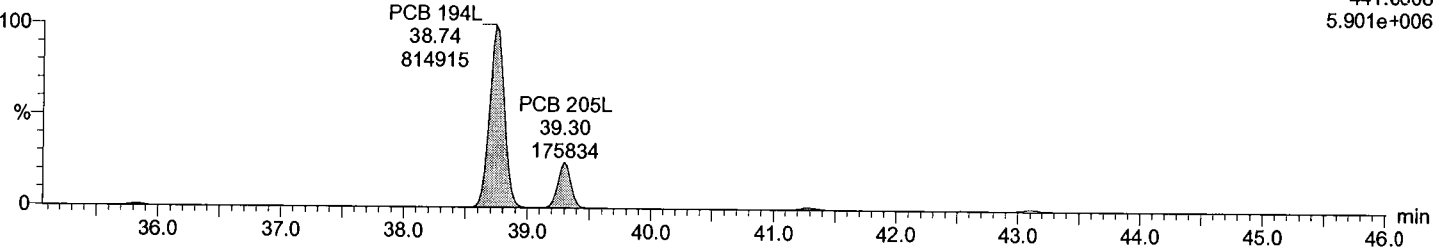


Total OcCB labeled F7

M1170609B04 Smooth(SG,3x1)

EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

F7:Voltage SIR,EI+  
441.8008  
5.901e+006



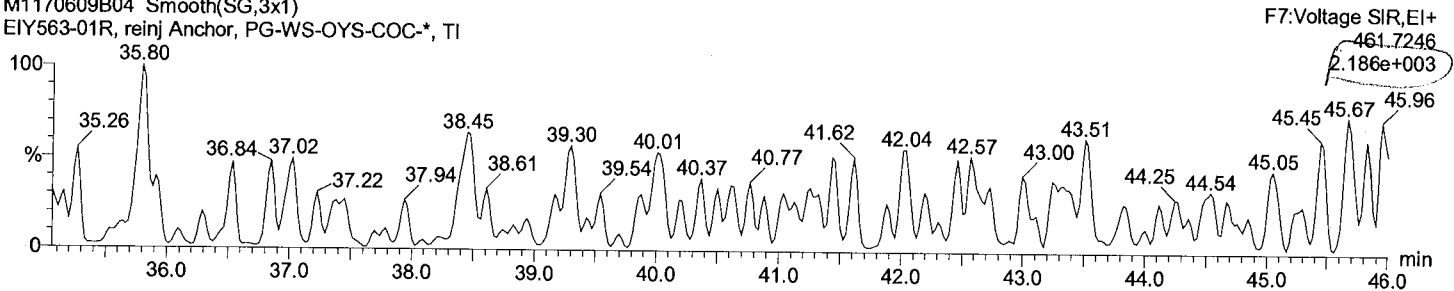
Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AHM1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM  
Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj  
Vial: 4  
Date: 09-Jun-2017  
Time: 21:11:38  
Instrument:

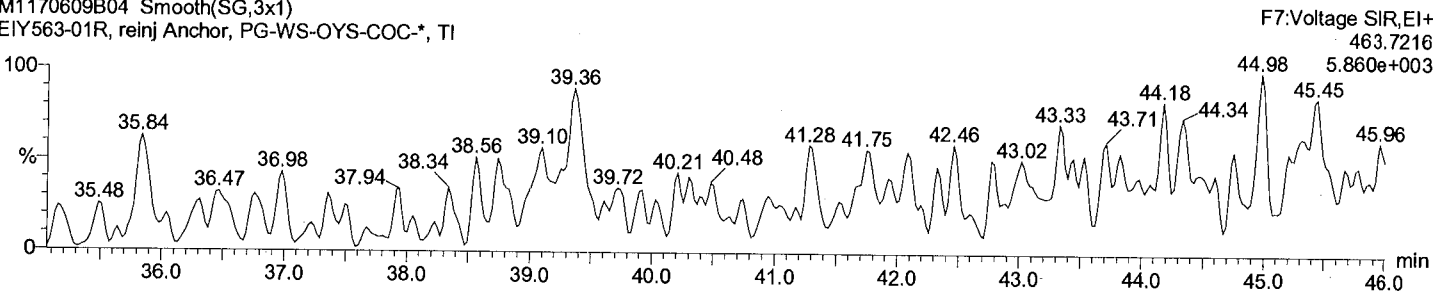
**Total NoCB F7**

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



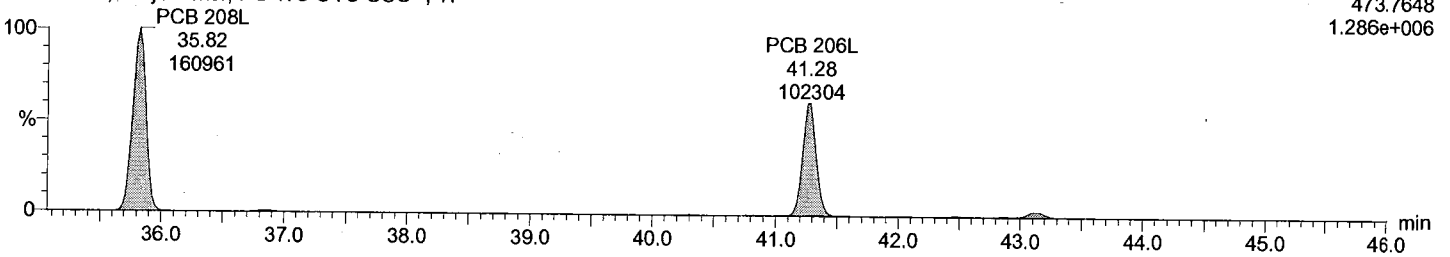
**Total NoCB F7**

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



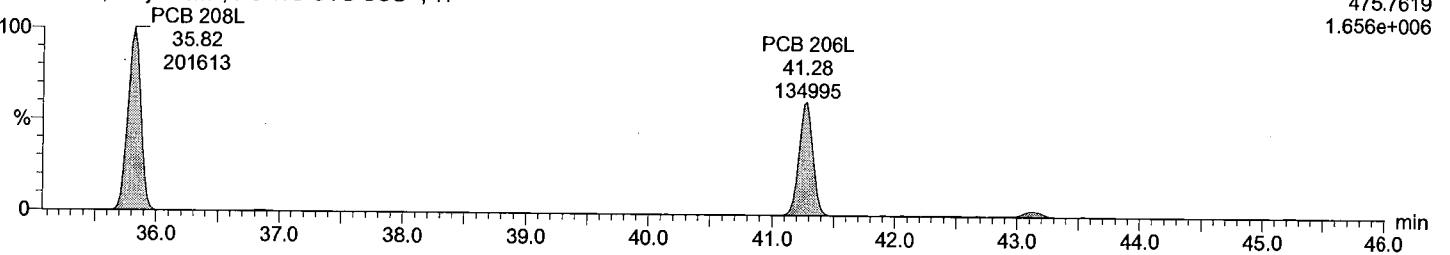
**Total NoCB labeled F7**

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



**Total NoCB labeled F7**

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



### Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AH\M1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM

Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj

Vial: 4

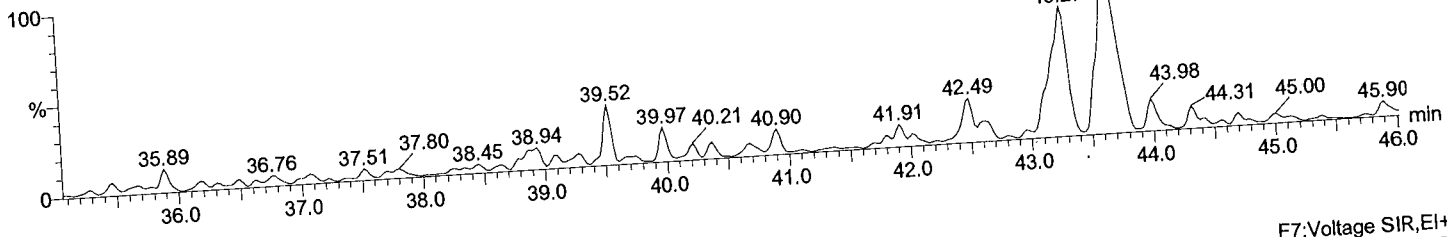
Date: 09-Jun-2017

Time: 21:11:38

Instrument:

#### Total DeCB F7

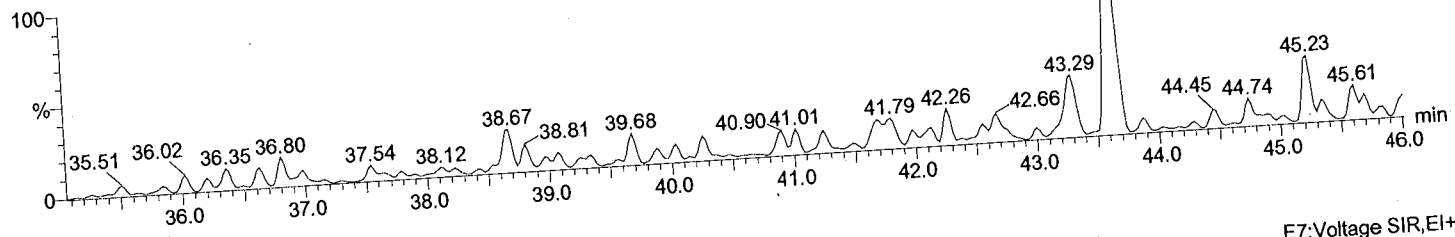
M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



F7:Voltage SIR,EI+  
497.6826  
3.095e+003

#### Total DeCB F7

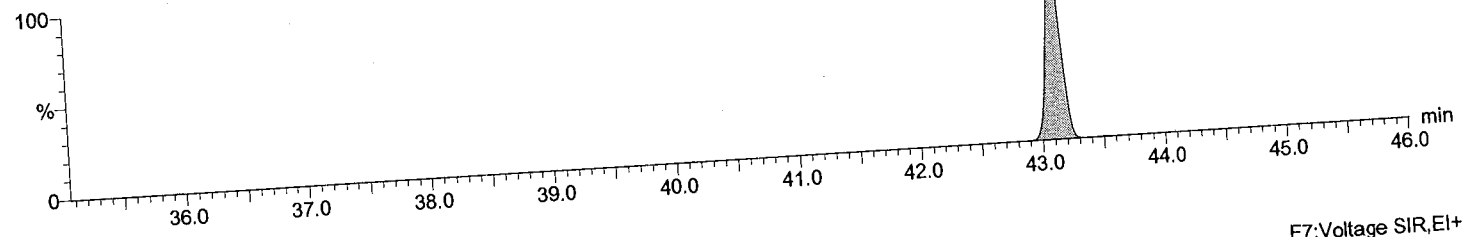
M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



F7:Voltage SIR,EI+  
499.6797  
4.502e+003

#### Total DeCB labeled F7

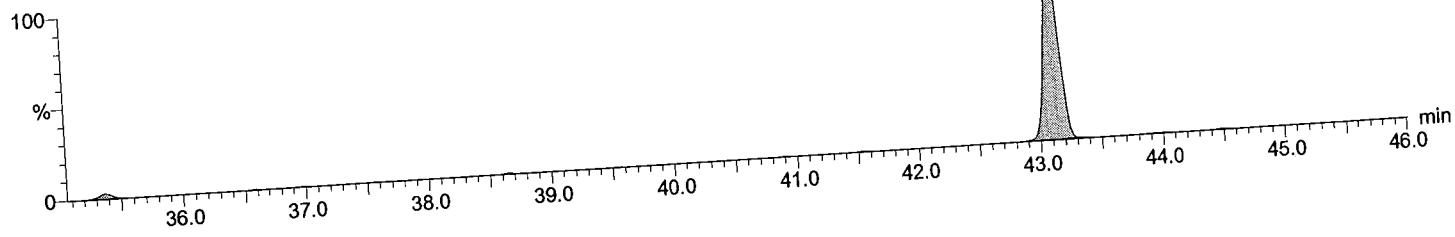
M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



F7:Voltage SIR,EI+  
509.7229  
8.536e+005

#### Total DeCB labeled F7

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



F7:Voltage SIR,EI+  
511.7199  
6.714e+005

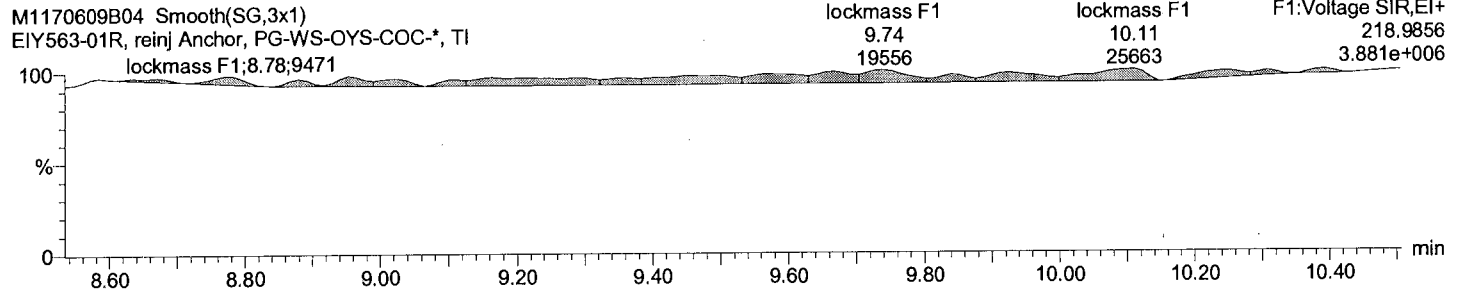


Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AHM1170609B\_dil\_1668A.qld

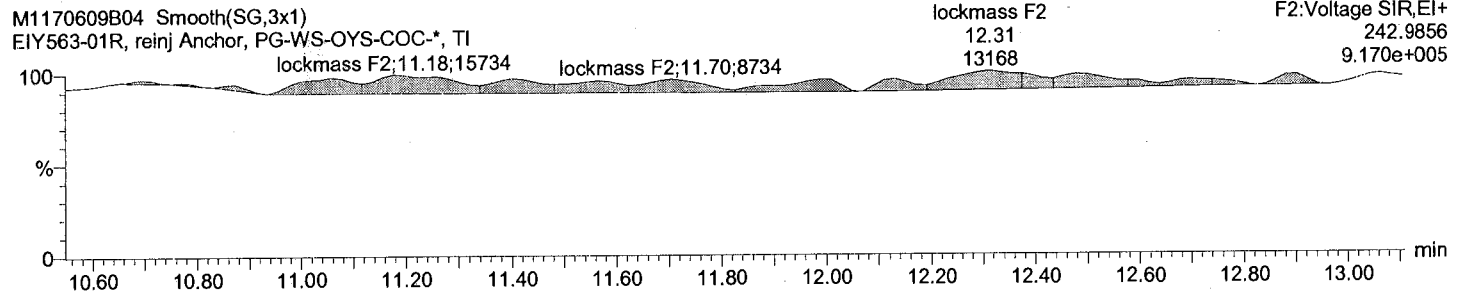
Last Altered: Tuesday, June 13, 2017 4:31:23 PM  
Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj  
Vial: 4  
Date: 09-Jun-2017  
Time: 21:11:38  
Instrument:

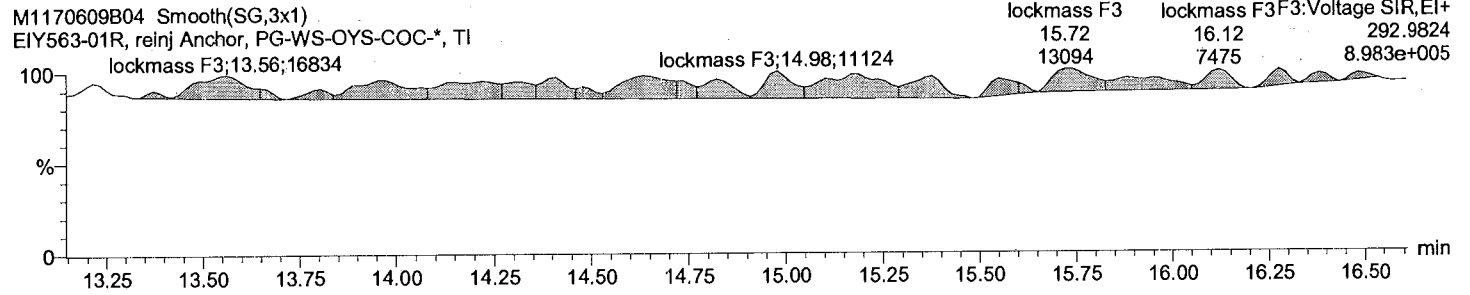
lockmass F1



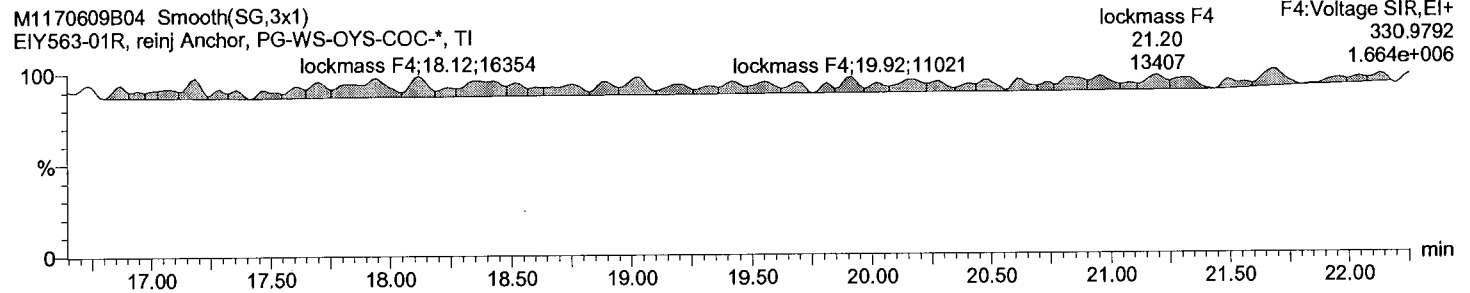
lockmass F2



lockmass F3



lockmass F4



# Quantify Sample Report

Acquired Date

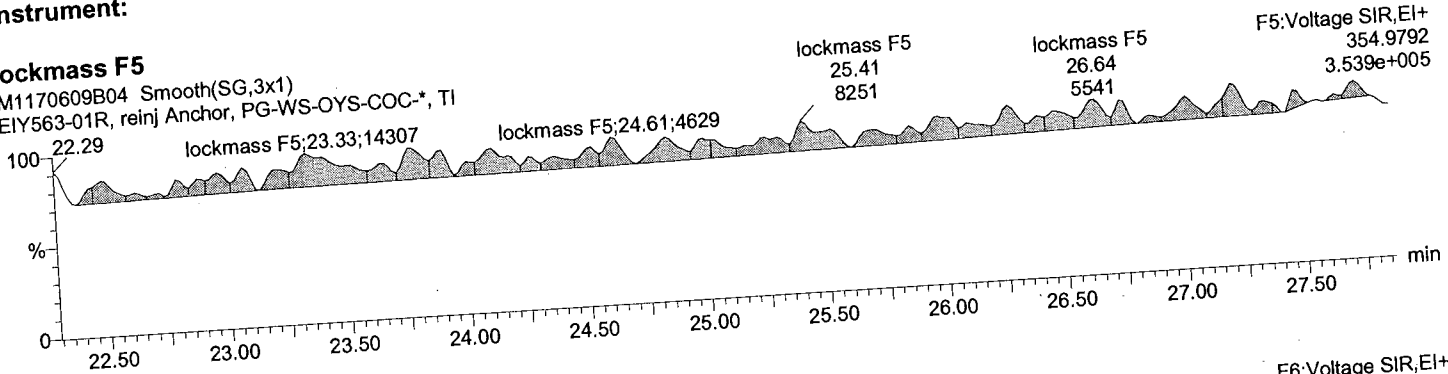
Dataset: C:\MassLynx\Default.pro\M1170609B\_partial\_AH\M1170609B\_dil\_1668A.qld

Last Altered: Tuesday, June 13, 2017 4:31:23 PM  
Printed: Tuesday, June 13, 2017 4:32:14 PM

Description: EIY563-01R, reinj  
Vial: 4  
Date: 09-Jun-2017  
Time: 21:11:38  
Instrument:

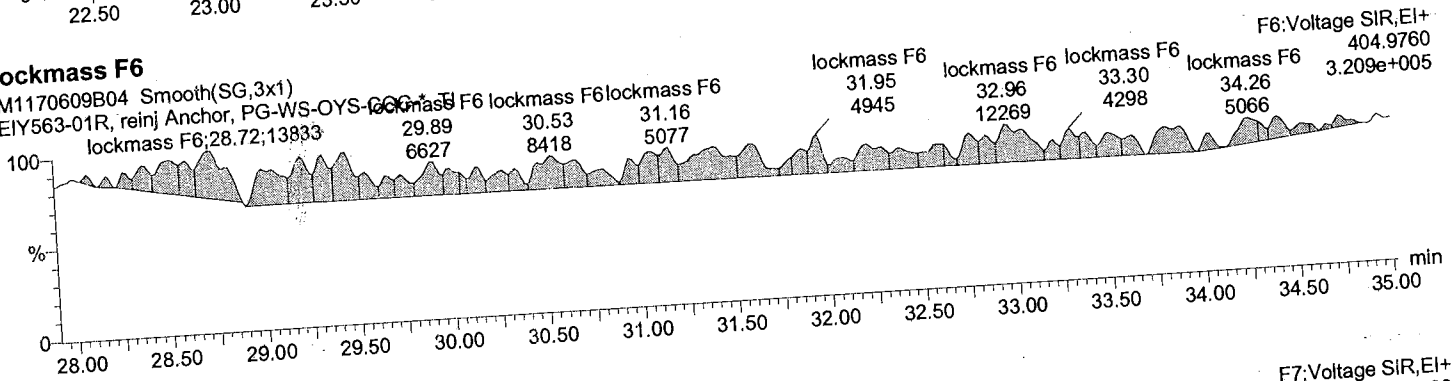
## lockmass F5

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC\*, TI



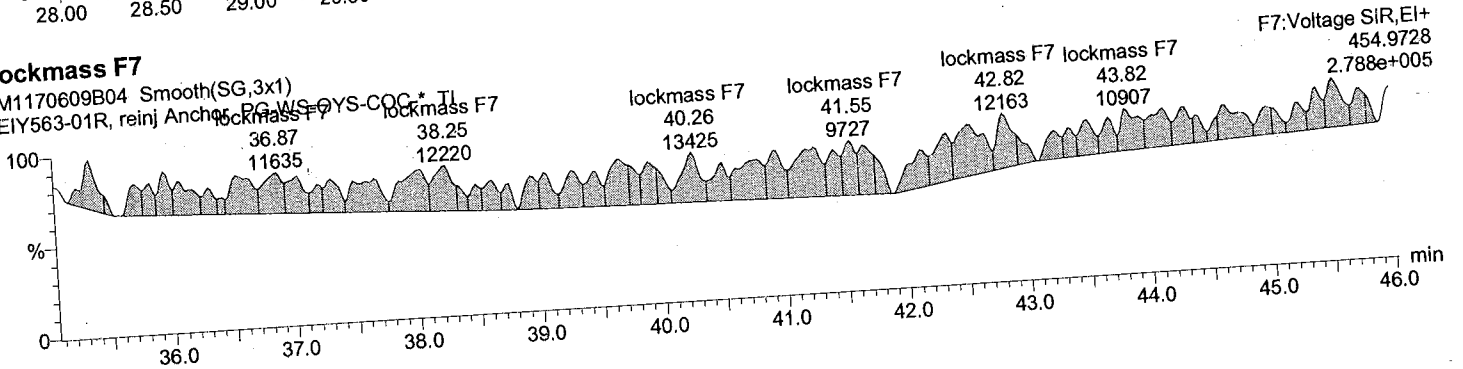
## lockmass F6

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC\*, TI

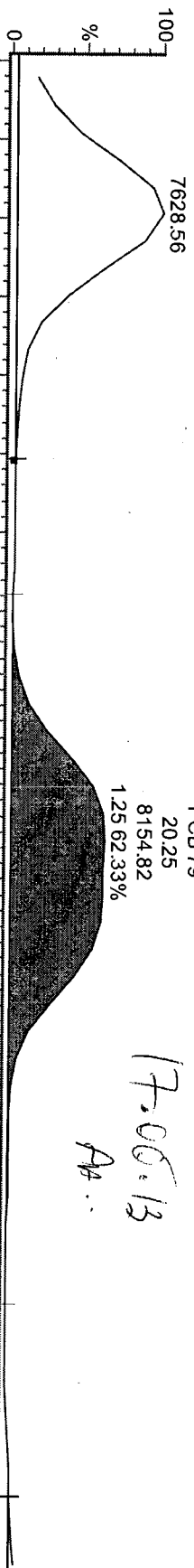


## lockmass F7

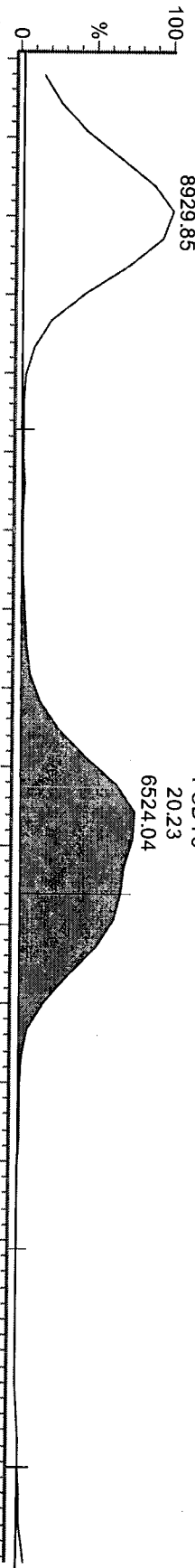
M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC\*, TI



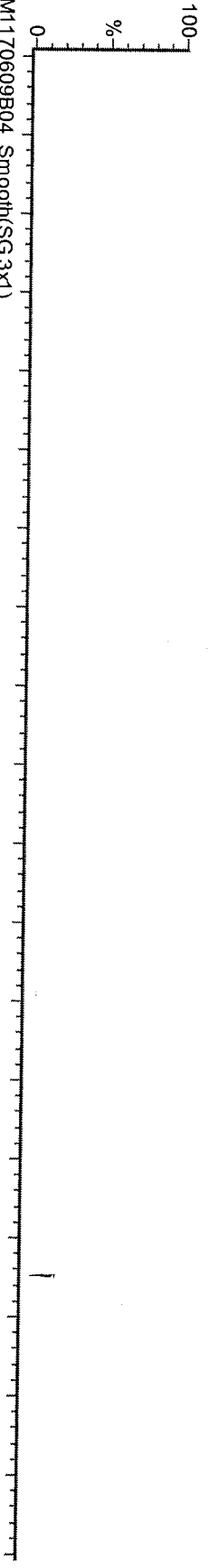
M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



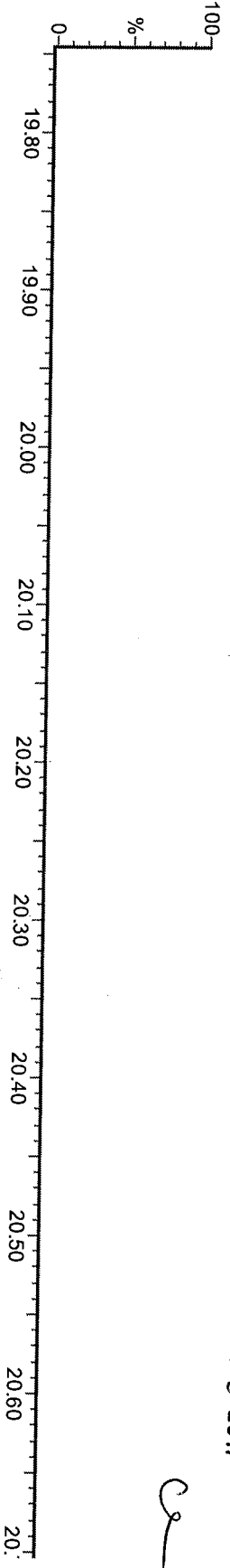
M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



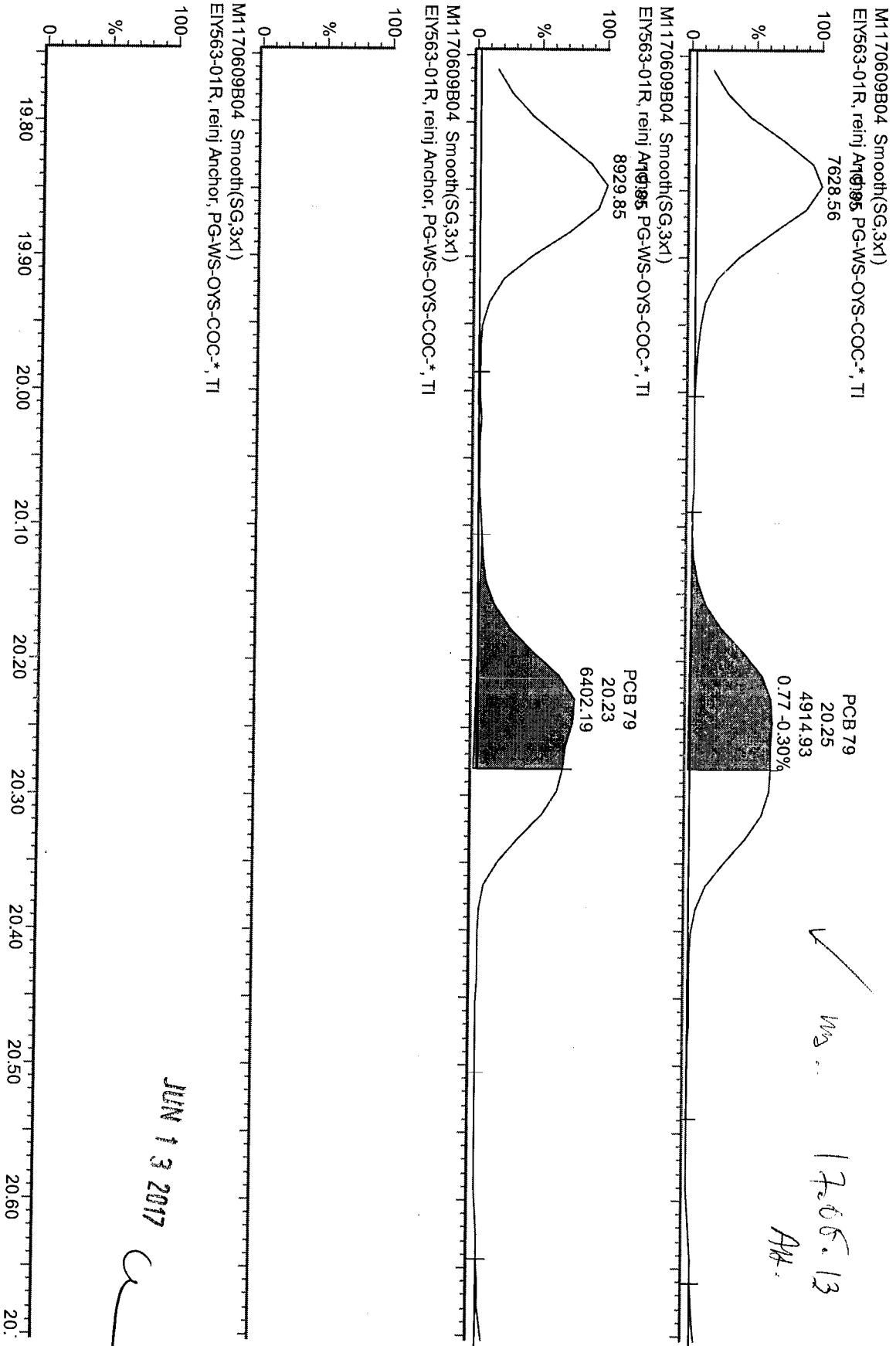
M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI



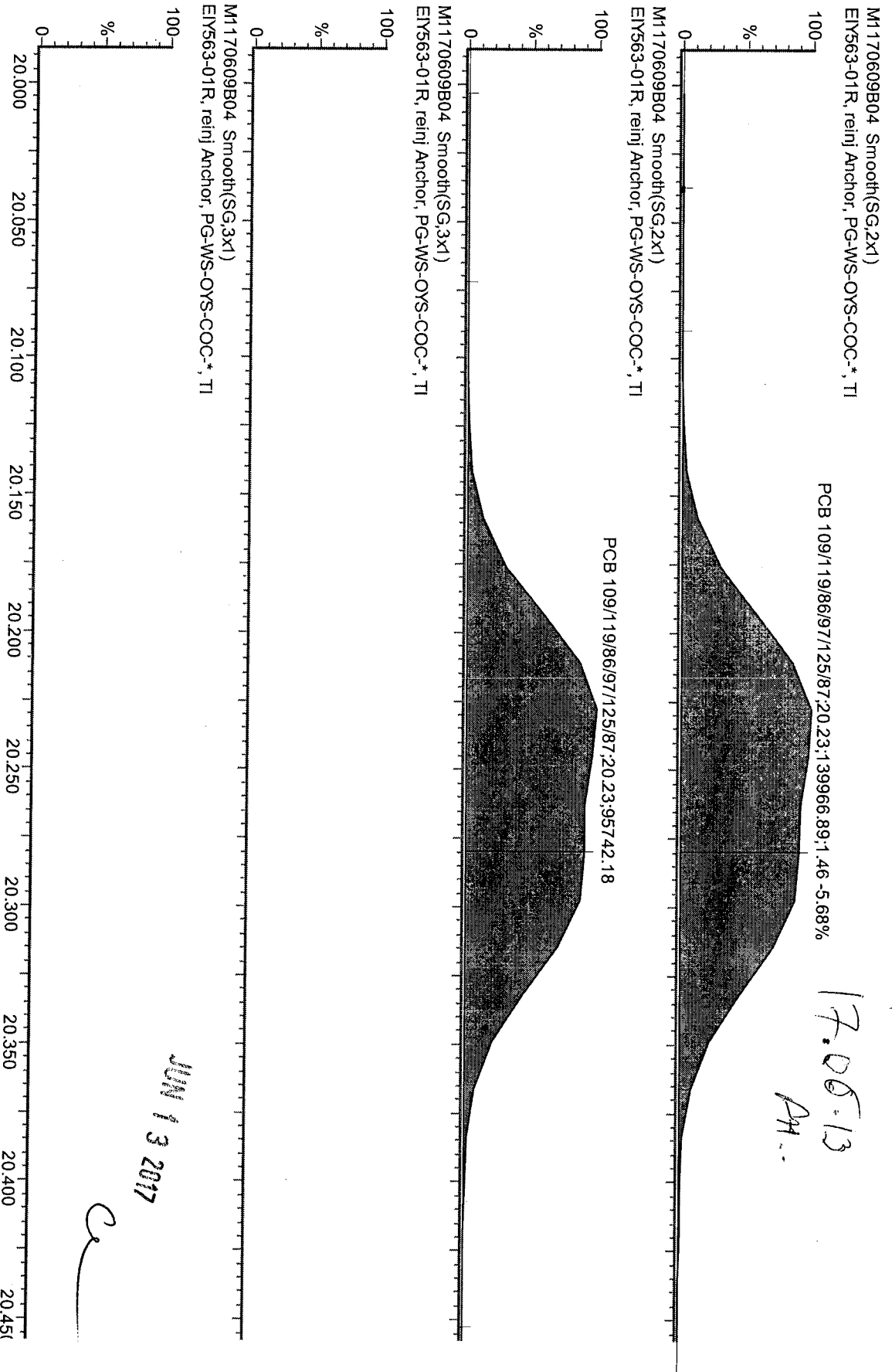
JUN 13 2017



1706.13  
A14

JUN 13 2017

*[Handwritten signature]*



*Below*

*17.06.13*

*AM..*

*JUN 13 2017*

*[Signature]*

M1170609B04 Smooth(SG,2x1)  
E1Y563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

PCB 109/119/86/97/125/87:20.23;216330.84;1.47 -5.10%

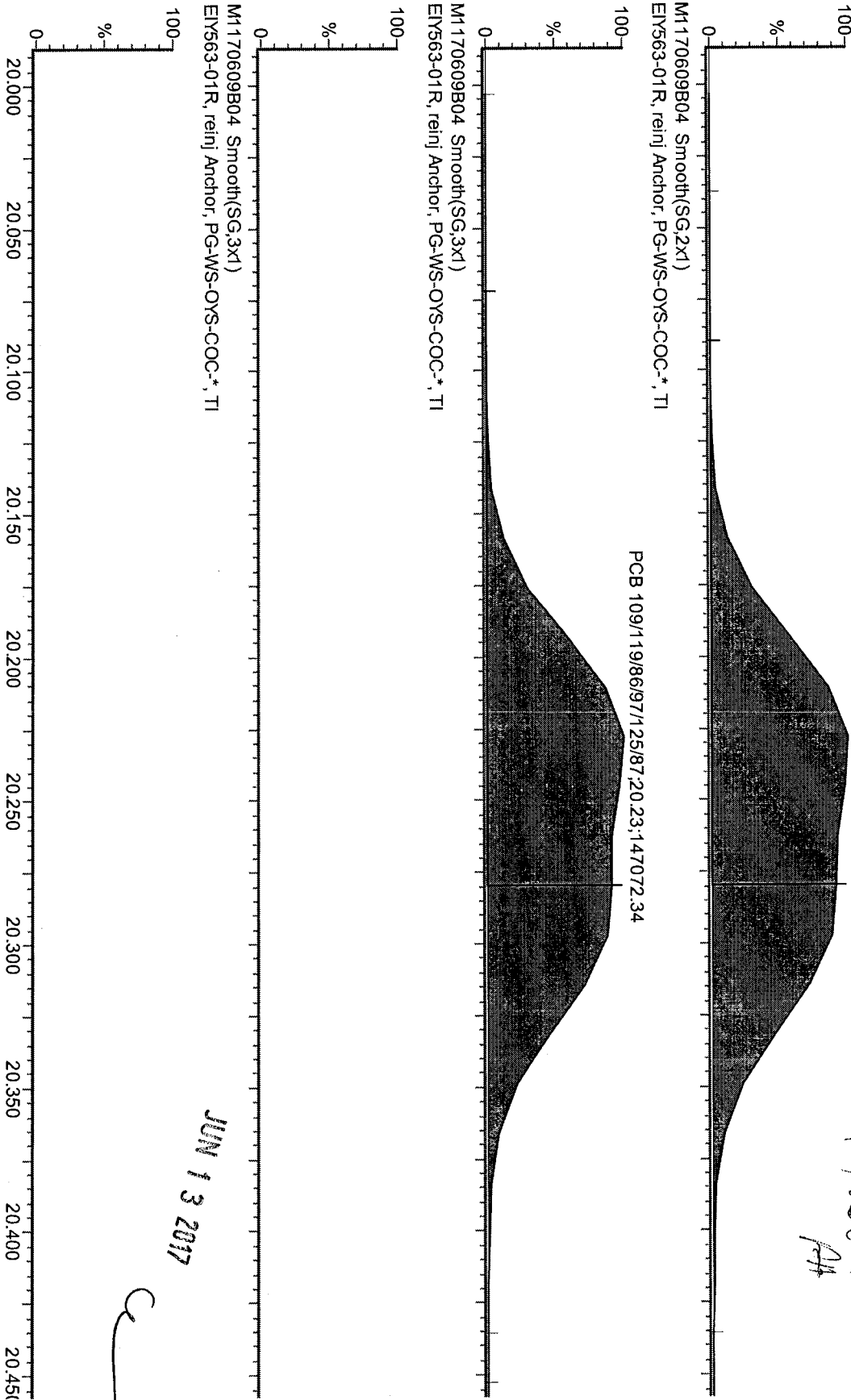
M1170609B04 Smooth(SG,2x1)  
E1Y563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

PCB 109/119/86/97/125/87:20.23;147072.34

M1170609B04 Smooth(SG,3x1)  
E1Y563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

M1170609B04 Smooth(SG,3x1)  
E1Y563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

JUN 13 2017



M1170609B04 Smooth(SG,1x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

PCB 128/166:27.33:52652.34:1.23 -1.12%

M1170609B04 Smooth(SG,1x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

PCB 128/166:27.33:42941.67

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

M1170609B04 Smooth(SG,3x1)  
EIY563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

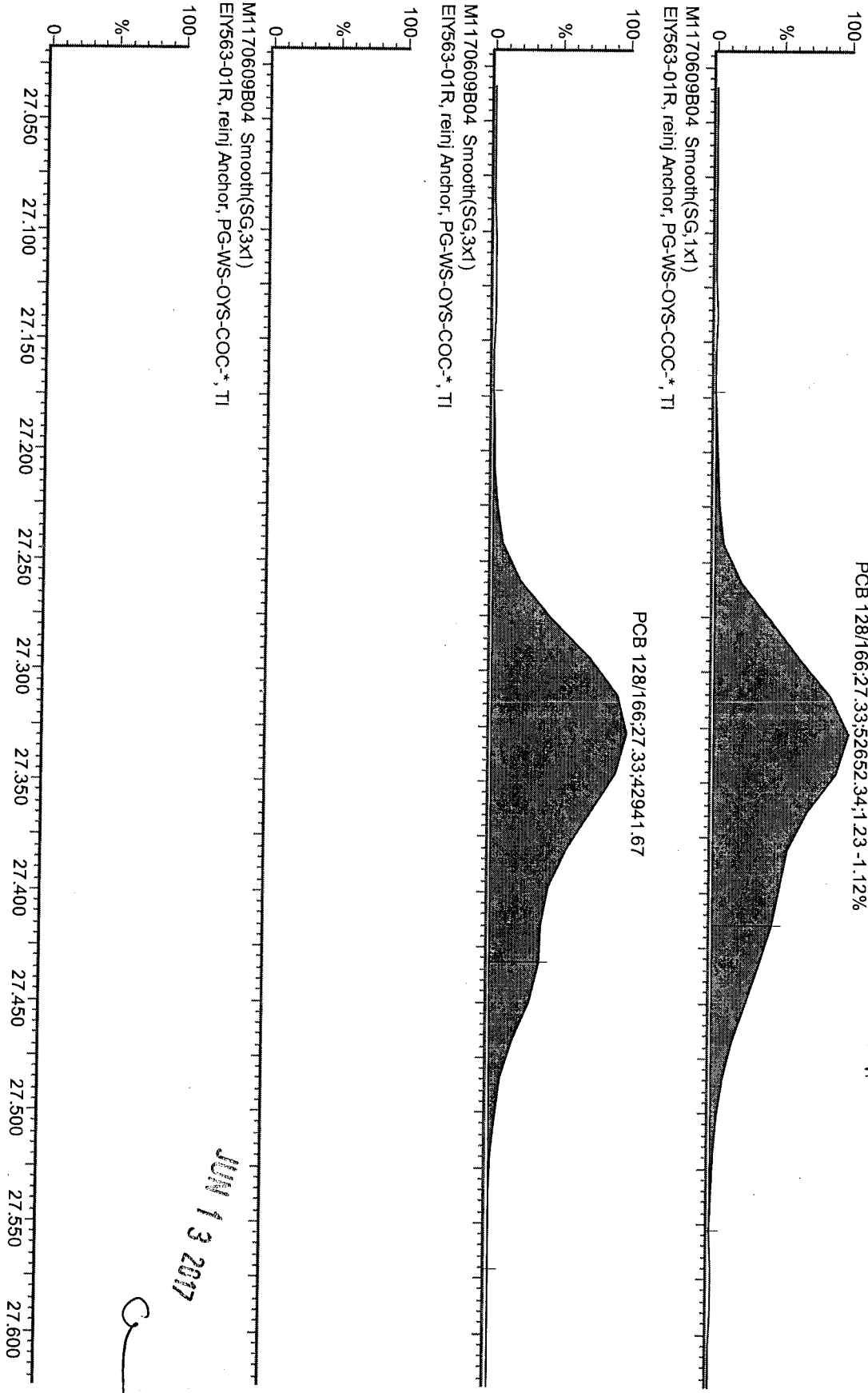
*Before*

*17.06.13*

*AM*

*JUN 13 2017*

*C*



M1170609B04 Smooth(SG,1x1)  
E1Y563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

PCB 128/166:27.33;62963.98;1.29 4.06%

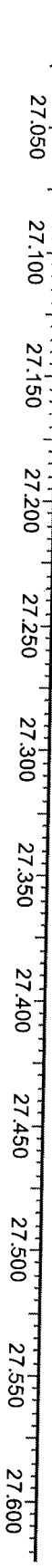
✓  
ms ..  
17.06.13  
Am.

M1170609B04 Smooth(SG,1x1)  
E1Y563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

PCB 128/166:27.33;48797.73

M1170609B04 Smooth(SG,3x1)  
E1Y563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

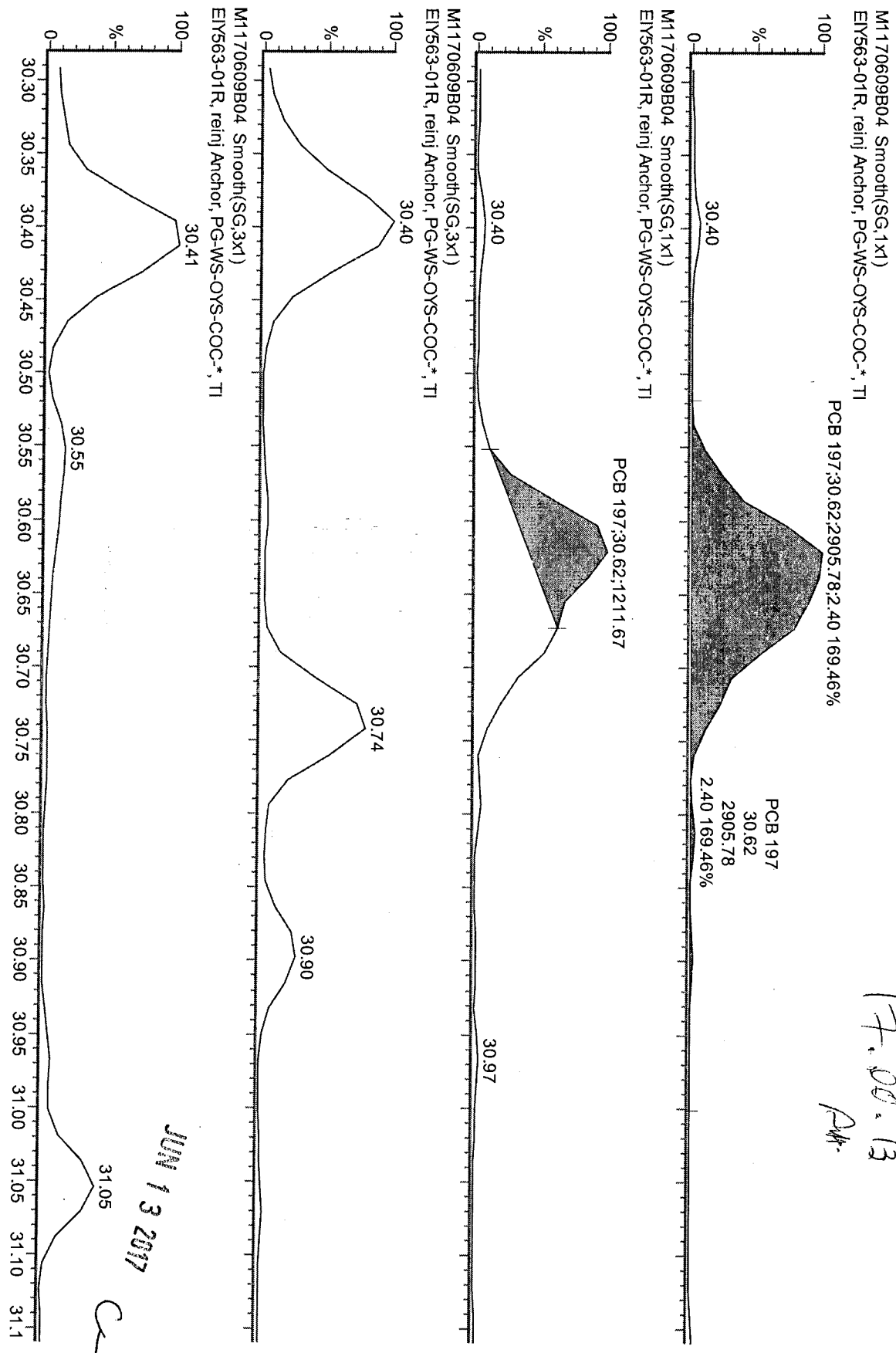
JUN 13 2017





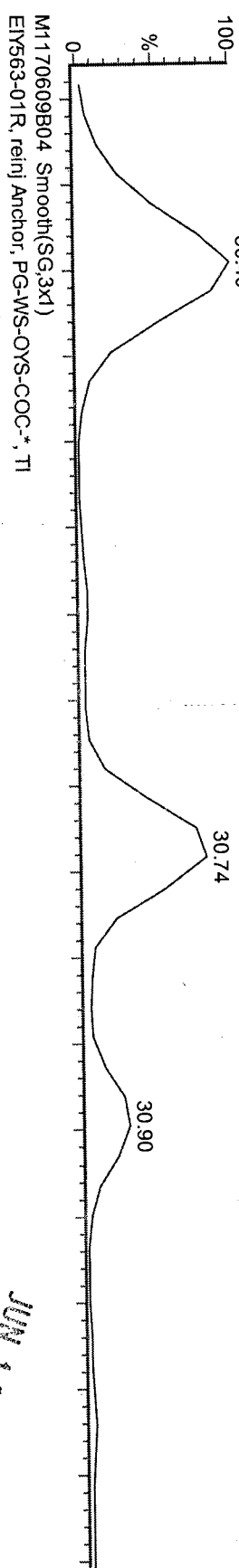
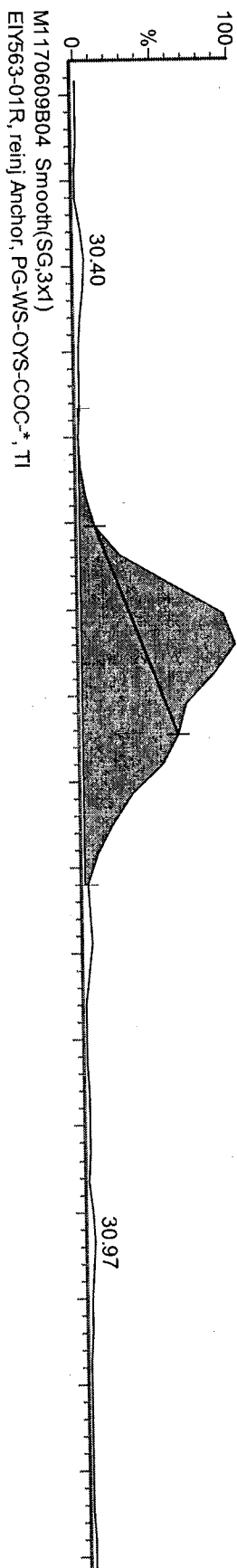
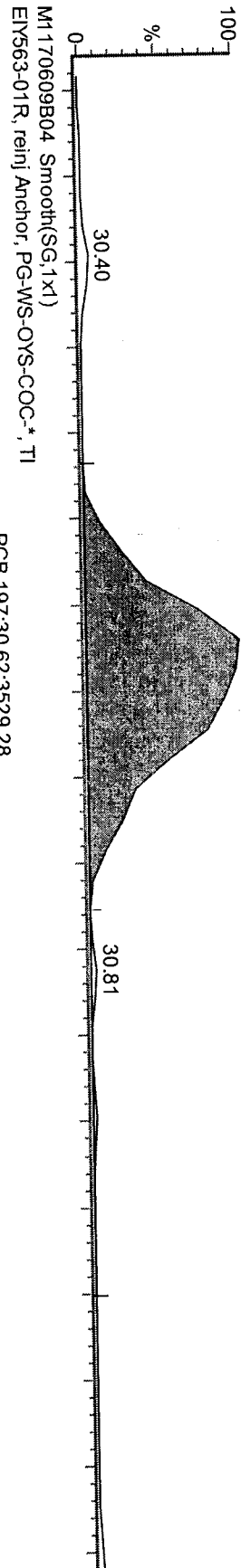
Below

17.00.13  
AM



M1170609B04 Smooth(SG,1x1)  
E1Y563-01R, reinj Anchor, PG-WS-OYS-COC-\*, TI

PCB 197;30.62;2869.77;0.81 -8.64%



JUN 13 2017

*Ce*

✓  
mg  
17.05.13  
Am.

Sample ID EIY560-01R, 5x  
 Comments  
 Instrument File Ultima 1  
 Sample Size 10.074

Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	Isomers	DL	S/N	Mod	rf	Rec
1 PCB 1	188	NotFnd	*	*	*				0.001		no	1.053	-
	MoCB 190	8.83	*	no	*								
2 PCB 2	188	NotFnd	*	*	*				0		no	1.198	-
	MoCB 190	9.92	*	no	*								
3 PCB 3	188	NotFnd	*	*	*				0.001		no	1.055	-
	MoCB 190	10.01	*	no	*								
4 PCB 4	222	NotFnd	*	*	*				0.005		no	1.191	-
	DICB 224	10.12	*	no	*								
5 PCB 10	222	NotFnd	*	*	*				0.003		no	1.156	-
	DICB 224	10.21	*	no	*								
6 PCB 9	222	NotFnd	*	*	*				0.009		no	1.544	-
	DICB 224	11.01	*	no	*								
7 PCB 7	222	NotFnd	*	*	*				0.009		no	1.399	-
	DICB 224	11.09	*	no	*								
8 PCB 6	222	NotFnd	*	*	*				0.009		no	1.424	-
	DICB 224	11.19	*	no	*								
9 PCB 5	222	NotFnd	*	*	*				0.009		no	1.462	-
	DICB 224	11.31	*	no	*								
10 PCB 8	222	NotFnd	*	*	*				0.009		no	1.443	-
	DICB 224	11.38	*	no	*								
11 PCB 14	222	NotFnd	*	*	*				0.009		no	1.506	-
	DICB 224	12.05	*	no	*								
12 PCB 11	222	NotFnd	*	*	*				0.009		no	1.42	-
	DICB 224	12.42	*	no	*								
13 PCB 13/12	222	NotFnd	*	*	*				0.009		no	1.443	-
	DICB 224	12.56	*	no	*								
14 PCB 15	222	NotFnd	*	*	*				0.011		no	0.956	-
	DICB 224	12.70	*	no	*								
15 PCB 19	256	NotFnd	*	*	*				0.004		no	1.06	-
	TriCB 258	11.48	*	no	*								
16 PCB 30/18	256	12.27	1481	0.94	3064	0.007299			0.002	24	no	1.033	-
	TriCB 258	12.27	1583	yes	*					28			
17 PCB 17	256	NotFnd	*	*	*				0.002		no	0.838	-
	TriCB 258	12.48	*	no	*								
18 PCB 27	256	NotFnd	*	*	*				0.002		no	1.164	-
	TriCB 258	12.56	*	no	*								
19 PCB 24	256	NotFnd	*	*	*				0.001		no	1.35	-
	TriCB 258	12.61	*	no	*								
20 PCB 16	256	NotFnd	*	*	*				0.003		no	0.606	-
	TriCB 258	12.69	*	no	*								
21 PCB 32	256	NotFnd	*	*	*				0.001		no	1.334	-
	TriCB 258	12.90	*	no	*								
22 PCB 34	256	NotFnd	*	*	*				0.001		no	1.427	-
	TriCB 258	13.48	*	no	*								
23 PCB 23	256	NotFnd	*	*	*				0.001		no	1.32	-
	TriCB 258	13.56	*	no	*								
24 PCB 26/29	256	NotFnd	*	*	*				0.001		no	1.443	-
	TriCB 258	13.72	*	no	*								
25 PCB 25	256	NotFnd	*	*	*				0.001		no	1.389	-
	TriCB 258	13.85	*	no	*								
26 PCB 31	256	13.98	5106	0.94	10513	0.016947			0.001	59	no	1.527	-
	TriCB 258	14.01	5407	yes	*					77			
27 PCB 28/20	256	14.13	8646	1.08	16638	0.028417			0.001	103	no	1.441	-
	TriCB 258	14.16	7992	yes	*					104			
28 PCB 21/33	256	14.25	2022	1.57	3311	0.005858			0.001	23	no	1.391	-
	TriCB 258	14.27	1289	no	*					16			
29 PCB 22	256	14.46	2083	1.22	3794	0.00688			0.001	23	no	1.357	-
	TriCB 258	14.47	1711	no	*					24			
30 PCB 36	256	NotFnd	*	*	*				0.001		no	1.632	-
	TriCB 258	15.30	*	no	*								
31 PCB 39	256	NotFnd	*	*	*				0.001		no	1.448	-
	TriCB 258	15.50	*	no	*								
32 PCB 38	256	NotFnd	*	*	*				0.001		no	1.474	-
	TriCB 258	15.87	*	no	*								
33 PCB 35	256	NotFnd	*	*	*				0.001		no	1.4	-
	TriCB 258	16.10	*	no	*								
34 PCB 37	256	16.36	1593	1.1	3036	0.005064			0.001	18	no	0.951	-
	TriCB 258	16.36	1443	yes	*					17			
35 PCB 54	290	NotFnd	*	*	*				0.001		no	1.071	-
	TCB 292	12.82	*	no	*								
36 PCB 53/50	290	13.85	1095	0.72	2619	0.006163			0.002	21	no	0.861	-
	TCB 292	13.86	1524	yes	*					15			
37 PCB 45/51	290	14.20	1169	0.85	2543	0.006192			0.002	20	no	0.832	-
	TCB 292	14.21	1375	yes	*					10			
38 PCB 46	290	NotFnd	*	*	*				0.002		no	0.718	-
	TCB 292	14.35	*	no	*								
39 PCB 52	290	15.07	15072	0.77	34760	0.073292			0.001	284	no	0.961	-
	TCB 292	15.05	19688	yes	*					174			
40 PCB 73	290	NotFnd	*	*	*				0.001		no	1.012	-
	TCB 292	15.14	*	no	*								
41 PCB 43	290	NotFnd	*	*	*				0.002		no	0.787	-
	TCB 292	15.21	*	no	*								
42 PCB 69/49	290	15.36	8060	0.74	18927	0.040237			0.001	150	no	0.953	-
	TCB 292	15.34	10867	yes	*					100			

43 PCB 48	290	15.52	1196	0.83	2641	0.006309	0.002	25	no	0.848	-
	TCB 292	15.50	1444	yes				16			
44 PCB 44/47/65	290	15.65	10390	0.66	26223	0.057955	0.002	160	no	0.917	-
	TCB 292	15.64	15833	yes				110			
45 PCB 59/62/75	290	15.85	1132	0.71	2732	0.004941	0.001	18	no	1.12	-
	TCB 292	15.84	1599	yes				13			
46 PCB 42	290	15.95	2568	0.96	5250	0.014601	0.002	47	no	0.728	-
	TCB 292	15.94	2682	no				24			
47 PCB 40/41/71	290	16.24	4540	0.82	10095	0.024059	0.002	72	no	0.85	-
	TCB 292	16.23	5555	yes				45			
48 PCB 64	290	16.38	6580	0.82	12352	0.023193	0.001	106	no	1.079	-
	TCB 292	16.37	6772	yes				55			
49 PCB 72	290	NotFnd	*	*	*		0.001		no	1.426	-
	TCB 292	16.90	*	no	*						
50 PCB 68	290	NotFnd	*	*	*		0.001		no	1.39	-
	TCB 292	17.08	*	no	*						
51 PCB 57	290	NotFnd	*	*	*		0.001		no	1.359	-
	TCB 292	17.36	*	no	*						
52 PCB 58	290	NotFnd	*	*	*		0.001		no	1.206	-
	TCB 292	17.50	*	no	*						
53 PCB 67	290	NotFnd	*	*	*		0.001		no	1.485	-
	TCB 292	17.59	*	no	*						
54 PCB 63	290	NotFnd	*	*	*		0.001		no	1.419	-
	TCB 292	17.76	*	no	*						
55 PCB 61/70/74/76	290	17.98	22780	0.77	52424	0.080565	0.001	205	no	1.318	-
	TCB 292	18.01	29644	yes				121			
56 PCB 66	290	18.20	10552	0.78	24041	0.035177	0.001	124	no	1.384	-
	TCB 292	18.24	13490	yes				72			
57 PCB 55	290	NotFnd	*	*	*		0.001		no	1.248	-
	TCB 292	18.36	*	no	*						
58 PCB 56	290	18.69	3961	0.91	8314	0.013097	0.001	42	no	1.286	-
	TCB 292	18.70	4353	no				24			
59 PCB 60	290	18.84	2044	0.81	4567	0.007245	0.001	25	no	1.277	-
	TCB 292	18.87	2523	yes				14			
60 PCB 80	290	NotFnd	*	*	*		0.001		no	1.5	-
	TCB 292	19.10	*	no	*						
61 PCB 79	290	NotFnd	*	*	*		0.001		no	1.544	-
	TCB 292	20.23	*	no	*						
62 PCB 78	290	NotFnd	*	*	*		0.001		no	1.394	-
	TCB 292	20.67	*	no	*						
63 PCB 81	290	NotFnd	*	*	*		0.001		no	1.02	-
	TCB 292	21.01	*	no	*						
64 PCB 77	290	21.44	1218	0.69	2987	0.004475	0.001	13	no	1.016	-
	TCB 292	21.44	1769	yes				9			
65 PCB 104	326	NotFnd	*	*	*		0		no	1.194	-
	PeCB 328	16.64	*	no	*						
66 PCB 96	326	NotFnd	*	*	*		0		no	0.819	-
	PeCB 328	15.85	*	no	*						
67 PCB 103	326	NotFnd	*	*	*		0.001		no	0.834	-
	PeCB 328	16.98	*	no	*						
68 PCB 94	326	NotFnd	*	*	*		0.002		no	0.668	-
	PeCB 328	17.12	*	no	*						
69 PCB 95	326	17.41	25923	1.59	42263	0.100838	0.001	346	no	0.789	-
	PeCB 328	17.40	16340	yes				217			
70 PCB 100/93/102/98	326	17.65	2036	1.29	3614	0.009409	0.001	23	no	0.724	-
	PeCB 328	17.54	1578	no				13			
71 PCB 88/91	326	NotFnd	*	*	*		0.001		no	0.739	-
	PeCB 328	17.95	*	no	*						
72 PCB 84	326	NotFnd	*	*	*		0.002		no	0.66	-
	PeCB 328	18.12	*	no	*						
73 PCB 89	326	NotFnd	*	*	*		0.001		no	0.717	-
	PeCB 328	18.45	*	no	*						
74 PCB 121	326	NotFnd	*	*	*		0.001		no	0.972	-
	PeCB 328	18.70	*	no	*						
75 PCB 92	326	18.98	8333	1.38	14361	0.036065	0.001	111	no	0.75	-
	PeCB 328	18.96	6028	yes				78			
76 PCB 113/90/101	326	19.41	51727	1.5	86159	0.189704	0.001	668	no	0.856	-
	PeCB 328	19.38	34432	yes				407			
77 PCB 83/99	326	19.85	35568	1.51	59078	0.145406	0.001	450	no	0.765	-
	PeCB 328	19.84	23511	yes				252			
78 PCB 112	326	NotFnd	*	*	*		0.001		no	0.907	-
	PeCB 328	19.92	*	no	*						
79 PCB 109/119/86/97/125	326	20.23	15649	1.42	26699	0.05753	0.001	177	no	0.874	-
	PeCB 328	20.21	11050	yes				115			
80 PCB 117/116/85	326	20.71	1339	1.01	2670	0.005518	0.001	34	no	0.912	-
	PeCB 328	20.76	1331	no				25			
81 PCB 110/115	326	20.90	52747	1.45	89039	0.180263	0.001	558	no	0.93	-
	PeCB 328	20.88	36291	yes				359			
82 PCB 82	326	21.16	1901	1.23	3446	0.009535	0.002	22	no	0.681	-
	PeCB 328	21.15	1544	no				19			
83 PCB 111	326	NotFnd	*	*	*		0.001		no	1.022	-
	PeCB 328	21.45	*	no	*						
84 PCB 120	326	NotFnd	*	*	*		0.001		no	1.091	-
	PeCB 328	21.81	*	no	*						
85 PCB 108/124	326	22.76	2038	1.73	3218	0.005048	0.001	18	no	1.201	-
	PeCB 328	22.78	1180	yes				17			
86 PCB 107	326	22.97	8033	3.39	10403	0.014248	0.001	57	no	1.375	-
	PeCB 328	22.98	2370	no				35			
87 PCB 123	326	NotFnd	*	*	*		0.001		no	0.921	-
	PeCB 328	23.08	*	no	*						
88 PCB 106	326	NotFnd	*	*	*		0.001		no	1.282	-
	PeCB 328	23.19	*	no	*						
89 PCB 118	326	23.35	60947	1.72	96317	0.164171	0.001	488	no	1.028	-
	PeCB 328	23.33	35370	yes				422			

90 PCB 122	326	NotFnd	*	*	*		0.001		no	1.158	-
	PeCB 328	23.63	*	no	*						
91 PCB 114	326	NotFnd	*	*	*		0.001		no	1.023	-
	PeCB 328	23.82	*	no	*						
92 PCB 105	326	24.39	18448	1.54	30437	0.048125	0.001	139	no	1.024	-
	PeCB 328	24.38	11989	yes	*			135			
93 PCB 127	326	NotFnd	*	*	*		0.001		no	1.256	-
	PeCB 328	25.69	*	no	*						
94 PCB 126	326	NotFnd	*	*	*		0.001		no	1.093	-
	PeCB 328	27.22	*	no	*						
95 PCB 155	360	NotFnd	*	*	*		0.001		no	1.103	-
	HxCB 362	19.26	*	no	*						
96 PCB 152	360	NotFnd	*	*	*		0.001		no	0.849	-
	HxCB 362	19.40	*	no	*						
97 PCB 150	360	NotFnd	*	*	*		0.001		no	0.77	-
	HxCB 362	19.53	*	no	*						
98 PCB 136	360	19.80	5590	1.23	10134	0.026115	0.001	164	no	0.816	-
	HxCB 362	19.78	4545	yes	*			112			
99 PCB 145	360	NotFnd	*	*	*		0.001		no	0.755	-
	HxCB 362	20.03	*	no	*						
100 PCB 148	360	NotFnd	*	*	*		0.001		no	0.617	-
	HxCB 362	21.13	*	no	*						
101 PCB 151/135	360	21.63	19183	1.29	34055	0.119403	0.001	417	no	0.6	-
	HxCB 362	21.61	14892	yes	*			297			
102 PCB 154	360	21.82	2528	1.39	4353	0.01324	0.001	67	no	0.691	-
	HxCB 362	21.82	1825	yes	*			43			
103 PCB 144	360	22.10	1784	1.29	3163	0.010769	0.001	43	no	0.618	-
	HxCB 362	22.07	1380	yes	*			32			
104 PCB 147/149	360	NotFnd	*	*	*		0.002		no	0.809	-
	HxCB 362	22.36	*	no	*						
105 PCB 134/143	360	NotFnd	*	*	*		0.002		no	0.689	-
	HxCB 362	22.61	*	no	*						
106 PCB 139/140	360	22.90	1161	0.98	2341	0.006124	0.002	8	no	0.804	-
	HxCB 362	22.88	1180	no	*			22			
107 PCB 131	360	NotFnd	*	*	*		0.002		no	0.649	-
	HxCB 362	23.05	*	no	*						
108 PCB 142	360	NotFnd	*	*	*		0.002		no	0.718	-
	HxCB 362	23.19	*	no	*						
109 PCB 132	360	NotFnd	*	*	*		0.002		no	0.7	-
	HxCB 362	23.44	*	no	*						
110 PCB 133	360	NotFnd	*	*	*		0.002		no	0.786	-
	HxCB 362	23.86	*	no	*						
111 PCB 165	360	NotFnd	*	*	*		0.002		no	0.992	-
	HxCB 362	24.22	*	no	*						
112 PCB 146	360	24.44	18951	1.22	34515	0.081103	0.002	137	no	0.895	-
	HxCB 362	24.43	15564	yes	*			242			
113 PCB 161	360	NotFnd	*	*	*		0.002		no	1.015	-
	HxCB 362	24.54	*	no	*						
114 PCB 153/168	360	24.99	139955	1.28	249467	0.528227	0.002	983	no	0.993	-
	HxCB 362	25.01	109512	yes	*			1679			
115 PCB 141	360	25.17	3305	1.29	5874	0.015766	0.002	29	no	0.784	-
	HxCB 362	25.15	2569	yes	*			47			
116 PCB 130	360	25.53	2361	1.39	4064	0.011937	0.002	18	no	0.716	-
	HxCB 362	25.53	1703	yes	*			22			
117 PCB 137	360	25.75	1282	0.85	2787	0.008685	0.002	14	no	0.675	-
	HxCB 362	25.76	1505	no	*			27			
118 PCB 164	360	25.84	4563	1.61	7391	0.014009	0.001	35	no	1.109	-
	HxCB 362	25.85	2828	no	*			45			
119 PCB 138/163/129	360	26.13	73927	1.28	131541	0.326504	0.002	497	no	0.847	-
	HxCB 362	26.17	57615	yes	*			844			
120 PCB 160	360	NotFnd	*	*	*		0.002		no	0.943	-
	HxCB 362	26.31	*	no	*						
121 PCB 158	360	26.51	3359	1.04	6600	0.012581	0.001	23	no	1.103	-
	HxCB 362	26.49	3242	no	*			48			
122 PCB 128/166	360	27.33	4734	1.45	7989	0.01798	0.002	34	no	0.934	-
	HxCB 362	27.33	3255	no	*			56			
123 PCB 159	360	NotFnd	*	*	*		0		no	1.254	-
	HxCB 362	28.29	*	no	*						
124 PCB 162	360	NotFnd	*	*	*		0		no	1.204	-
	HxCB 362	28.55	*	no	*						
125 PCB 167	360	29.03	4209	1.21	7676	0.012463	0	126	no	1.103	-
	HxCB 362	29.04	3467	yes	*			96			
126 PCB 156/157	360	30.17	4086	1.1	7809	0.01252	0	110	no	1.047	-
	HxCB 362	30.18	3723	yes	*			79			
127 PCB 169	360	NotFnd	*	*	*		0.001		no	1.04	-
	HxCB 362	33.58	*	no	*						
128 PCB 188	394	NotFnd	*	*	*	-0.00302	-0.00302	*	no	1.069	-
	HpCB 396	23.80	*	no	*			*			
129 PCB 179	394	24.09	7947	1.03	15635	0.029401	-0.00288	28	no	1.122	-
	HpCB 396	24.09	7689	yes	*			28			
130 PCB 184	394	NotFnd	*	*	*	-0.00306	-0.00306	*	no	1.054	-
	HpCB 396	24.57	*	no	*			*			
131 PCB 176	394	24.85	-1731	1.05	-3379.57	-0.0069	-0.00313	6	xL	1.032	-
	HpCB 396	24.87	-1648.57	OK	*			10			
132 PCB 186	394	NotFnd	*	*	*	-0.00335	-0.00335	*	no	0.965	-
	HpCB 396	25.28	*	no	*			*			
133 PCB 178	394	26.55	6458	1.16	12033	0.032983	-0.00419	22	yes	0.77	-
	HpCB 396	26.56	5574	yes	*			21			
134 PCB 175	394	NotFnd	*	*	*	-0.00402	-0.00402	*	no	0.803	-
	HpCB 396	27.16	*	no	*			*			
135 PCB 187	394	27.42	35276	1.07	68325	0.177086	-0.00397	118	no	0.814	-
	HpCB 396	27.40	33049	yes	*			118			
136 PCB 182	394	NotFnd	*	*	*	-0.00405	-0.00405	*	no	0.797	-
	HpCB 396	27.61	*	no	*			*			

137 PCB 183	394	28.01	8166	1.08	15717	0.032821	-0.00404	24	yes	1.01	-
	HpCB 396	27.99	7552	yes	*	*	-0.00502	24	*	*	*
138 PCB 185	394	NotFnd	*	*	*	-0.00502	-0.00502	*	no	0.813	-
	HpCB 396	28.08	*	no	*	*	*	*	*	*	*
139 PCB 174	394	28.25	799	1	1601	-0.00453	-0.00453	*	yes	0.901	-
	HpCB 396	28.24	802	no	*	*	*	*	*	*	*
140 PCB 177	394	28.68	10316	1.05	20104	0.04832	-0.00465	28	no	0.878	-
	HpCB 396	28.65	9788	yes	*	*	-0.0046	30	*	*	*
141 PCB 181	394	NotFnd	*	*	*	-0.0046	-0.0046	*	no	0.887	-
	HpCB 396	29.06	*	no	*	*	-0.00478	10	no	0.854	-
142 PCB 171/173	394	29.29	3400	1.08	6537	0.016153	-0.00478	11	no	0.854	-
	HpCB 396	29.28	3138	yes	*	*	-0.0047	*	no	0.869	-
143 PCB 172	394	NotFnd	*	*	*	-0.0047	-0.0047	*	no	0.869	-
	HpCB 396	30.93	*	no	*	*	-0.00385	*	no	1.06	-
144 PCB 192	394	NotFnd	*	*	*	-0.00385	-0.00385	*	no	1.06	-
	HpCB 396	31.24	*	no	*	*	-0.00348	31	no	1.172	-
145 PCB 193/180	394	31.63	12613	0.97	25677	0.050145	-0.00348	34	no	1.172	-
	HpCB 396	31.59	13063	yes	*	*	-0.00344	*	no	1.196	-
146 PCB 191	394	NotFnd	*	*	*	-0.00344	-0.00344	*	no	1.196	-
	HpCB 396	31.97	*	no	*	*	-0.00349	5	no	1.171	-
147 PCB 170	394	32.92	1672	1.16	3107	0.006953	-0.00349	3	no	1.171	-
	HpCB 396	32.94	1435	yes	*	*	-0.0035	*	no	1.165	-
148 PCB 190	394	NotFnd	*	*	*	-0.0035	-0.0035	*	no	1.165	-
	HpCB 396	33.50	*	no	*	*	0.001	*	no	0.922	-
149 PCB 189	394	NotFnd	*	*	*	0.001	0.001	*	no	0.922	-
	HpCB 396	36.32	*	no	*	*	-0.00447	12	no	1.031	-
150 PCB 202	428	28.79	4030	0.86	8697	0.019321	-0.00447	11	no	1.031	-
	OcCB 430	28.80	4667	yes	*	*	-0.00428	5	yes	1.078	-
151 PCB 201	428	29.70	1522	0.85	3306	0.006718	-0.00428	4	yes	1.078	-
	OcCB 430	29.72	1784	yes	*	*	-0.00435	*	no	1.06	-
152 PCB 204	428	NotFnd	*	*	*	-0.00435	-0.00435	*	no	1.06	-
	OcCB 430	30.41	*	no	*	*	-0.00426	*	no	1.082	-
153 PCB 197	428	NotFnd	*	*	*	-0.00426	-0.00426	*	no	1.082	-
	OcCB 430	30.64	*	no	*	*	-0.00454	*	no	1.016	-
154 PCB 200	428	NotFnd	*	*	*	-0.00454	-0.00454	*	no	1.016	-
	OcCB 430	30.75	*	no	*	*	-0.00594	*	no	0.777	-
155 PCB 198/199	428	NotFnd	*	*	*	-0.00594	-0.00594	*	no	0.777	-
	OcCB 430	33.69	*	no	*	*	-0.00563	*	no	0.819	-
156 PCB 196	428	NotFnd	*	*	*	-0.00563	-0.00563	*	no	0.819	-
	OcCB 430	34.40	*	no	*	*	-0.00559	*	no	0.825	-
157 PCB 203	428	NotFnd	*	*	*	-0.00559	-0.00559	*	no	0.825	-
	OcCB 430	34.60	*	no	*	*	-0.00349	*	no	0.931	-
158 PCB 195	428	NotFnd	*	*	*	-0.00349	-0.00349	*	no	0.931	-
	OcCB 430	36.05	*	no	*	*	-0.00337	*	no	0.982	-
159 PCB 194	428	NotFnd	*	*	*	-0.00337	-0.00337	*	no	0.982	-
	OcCB 430	38.68	*	no	*	*	-0.00327	*	no	0.992	-
160 PCB 205	428	NotFnd	*	*	*	-0.00327	-0.00327	*	no	0.992	-
	OcCB 430	39.22	*	no	*	*	0.002	*	no	1.042	-
161 PCB 208	462	NotFnd	*	*	*	0.002	0.002	*	no	1.042	-
	NoCB 464	35.81	*	no	*	*	0.002	*	no	1.302	-
162 PCB 207	462	NotFnd	*	*	*	0.002	0.002	*	no	1.302	-
	NoCB 464	36.85	*	no	*	*	0.002	*	no	1.017	-
163 PCB 206	462	NotFnd	*	*	*	0.002	0.002	*	no	1.017	-
	NoCB 464	41.19	*	no	*	*	0	*	no	1.026	-
164 PCB 209	498	NotFnd	*	*	*	0	0	*	no	1.026	-
	DCB 500	43.06	*	no	*	*	0.005	787	no	0.997	34
165 PCB 1L	200	8.82	36885	2.5	51658	0.067605	0.005	15	no	0.997	34
	202	8.82	14773	no	*	*	0.005	843	no	1.05	34
166 PCB 3L	200	10.00	39028	2.64	53809	0.066856	0.005	16	no	1.05	34
	202	9.99	14762	no	*	*	0.004	78	no	0.464	41
167 PCB 4L	234	10.11	17035	1.46	28712	0.08068	0.004	129	no	0.464	41
	236	10.10	11677	yes	*	*	0.002	93	no	1.168	53
168 PCB 15L	234	12.70	58756	1.65	94343	0.105416	0.002	304	no	1.168	53
	236	12.69	35587	yes	*	*	0.008	29	no	0.536	44
169 PCB 19L	268	11.48	19333	1.15	36143	0.088017	0.008	43	no	0.536	44
	270	11.47	16809	yes	*	*	0.004	100	no	1.848	84
170 PCB 37L	268	16.35	62914	1.01	125207	0.166592	0.004	107	no	1.848	84
	270	16.35	62292	yes	*	*	0.003	98	no	0.802	63
171 PCB 54L	302	12.82	17629	0.76	40794	0.125038	0.003	179	no	0.802	63
	304	12.82	23165	yes	*	*	0.001	344	no	1.597	95
172 PCB 81L	302	20.99	56519	0.85	122857	0.189087	0.001	288	no	1.597	95
	304	20.97	66338	yes	*	*	0.001	364	no	1.607	100
173 PCB 77L	302	21.42	58966	0.83	130370	0.199436	0.001	302	no	1.607	100
	304	21.42	71404	yes	*	*	0	2248	no	0.912	89
174 PCB 104L	338	15.62	35843	1.63	57777	0.177038	0	1230	no	0.912	89
	340	15.64	21935	yes	*	*	0.001	747	no	1.581	110
175 PCB 123L	338	23.05	75777	1.6	123110	0.217519	0.001	588	no	1.581	110
	340	23.02	47333	yes	*	*	0.001	665	no	1.51	106
176 PCB 118L	338	23.33	69234	1.57	113284	0.2096	0.001	544	no	1.51	106
	340	23.31	44050	yes	*	*	0.001	630	no	1.471	105
177 PCB 114L	338	23.80	65409	1.46	110236	0.209311	0.001	545	no	1.471	105
	340	23.78	44827	yes	*	*	0.001	687	no	1.488	116
178 PCB 105L	338	24.35	75679	1.61	122576	0.230046	0.001	577	no	1.488	116
	340	24.34	46897	yes	*	*	0.001	592	no	1.44	107
179 PCB 126L	338	27.19	64758	1.43	109899	0.213087	0.001	517	no	1.44	107
	340	27.15	45141	yes	*	*	0.001	1780	no	1.01	91
180 PCB 155L	372	19.24	42426	1.41	72436	0.179857	0.001	794	no	1.01	91
	374	19.26	30010	yes	*	*	0.001	702	no	1.424	98
181 PCB 167L	372	29.01	62321	1.28	110899	0.195359	0.001	661	no	1.424	98
	374	29.00	48579	yes	*	*	0.001	1272	no	1.495	100
182 PCB 156L/157L	372	30.15	131118	1.24	236517	0.39698	0.001	1252	no	1.495	100
	374	30.15	105399	yes	*	*	0.001	470	no	1.518	63
183 PCB 169L	372	33.55	42745	1.28	76051	0.125698	0.001	450	no	1.518	63
	374	33.54	33306	yes	*	*	*	*	*	*	*

184 PCB 188L	406	23.78	46176	1.07	89297	0.196079	0.001	735	no	1.142	99
	408	23.78	43121	yes				2302			
	408	31.59	44904	1.07	86772	0.195564	0.001	439	no	1.343	99
185 PCB 180L	406	31.58	41868	yes				1150			
	408	32.90	39877	1.11	75800	0.200979	0.001	385	no	1.141	101
186 PCB 170L	406	32.89	35923	yes				1004			
	408	36.29	62882	1.02	124579	0.196048	0.001	349	no	1.923	99
187 PCB 189L	406	36.29	61697	yes				514			
	408	28.77	42628	0.97	86710	0.193955	0.001	714	no	1.353	98
188 PCB 202L	440	28.76	44081	yes				1314			
	442	39.19	44011	0.87	94585	0.201025	0.002	326	no	1.424	101
189 PCB 205L	440	39.19	50575	yes				347			
	442	35.78	36157	0.75	84504	0.195315	0.001	930	no	1.309	98
190 PCB 208L	474	35.79	48348	yes				671			
	476	41.19	26027	0.73	61949	0.203002	0.001	640	no	0.924	102
191 PCB 206L	474	41.20	35922	yes				467			
	476	43.02	32660	1.23	59329	0.216755	0.001	755	no	0.828	109
192 PCB 209L	510	43.06	26669	yes				1115			
	512	14.13	69196	1.07	133922	0.167214	0.004	121	no	1.969	76
193 PCB 28L	268	14.13	64726	yes				122			
PCB Cleanup Standard	270	21.42	70986	1.63	114656	0.233252	0.001	1432	no	1.373	106
194 PCB 111L	338	21.40	43670	yes				1086			
PCB Cleanup Standard	340	26.51	34583	1.04	67905	0.23261	0.001	539	yes	0.732	106
195 PCB 178L	406	26.52	33321	yes				1694			
PCB Cleanup Standard	408	*	*	*					no	1.878	
196 PCB 31L	268	NotFnd	*	*							
PCB Audit Standard	270	13.98	*	no			0.001		no	0.916	
197 PCB 95L	338	NotFnd	*	*							
PCB Audit Standard	340	17.38	*	no			0.001		no	1.173	
198 PCB 153L	372	NotFnd	*	*							
PCB Audit Standard	374	24.98	*	no				873	no	-	-
199 PCB 9L	234	10.99	520993	1.61	845034	2.082353	-	3054			
PCB Recovery Standard	236	11.00	324042	yes				770	no	-	-
200 PCB 52L	302	15.07	197174	0.78	448609	1.98829	-	1375			
PCB Recovery Standard	304	15.05	251435	yes				5025	no	-	-
201 PCB 101L	338	19.38	245748	1.65	394868	1.926998	-	3891			
PCB Recovery Standard	340	19.36	149119	yes				2981	no	-	-
202 PCB 138L	372	26.10	245561	1.26	439620	2.104557	-	3461			
PCB Recovery Standard	374	26.07	194059	yes				1381	no	-	-
203 PCB 194L	440	38.65	177212	0.95	364436	1.937182	-	1277			
PCB Recovery Standard	442	38.59	187224	yes							
Chlorobiphenyls							0	-0.001			
Dichlorobiphenyls							0	-0.011			
Trichlorobiphenyls							6	-0.004			
Tetrachlorobiphenyls							15	-0.002			
Pentachlorobiphenyls							13	-0.002			
Hexachlorobiphenyls							16	-0.002			
Heptachlorobiphenyls							8	-0.00502			
Octachlorobiphenyls							2	-0.00594			
Nonachlorobiphenyls							0	-0.002			
Decachlorobiphenyl							0	0			
PCB (total)										3.071153	

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Method: C:\MassLynx\Default.PRO\MethDB\1668A\_PCB209\_M1170609B.mdb 10 Jun 2017 07:47:44

Calibration: C:\MassLynx\Default.pro\Curvedb\PCB209\_M1170609B.cdb 10 Jun 2017 07:56:47

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

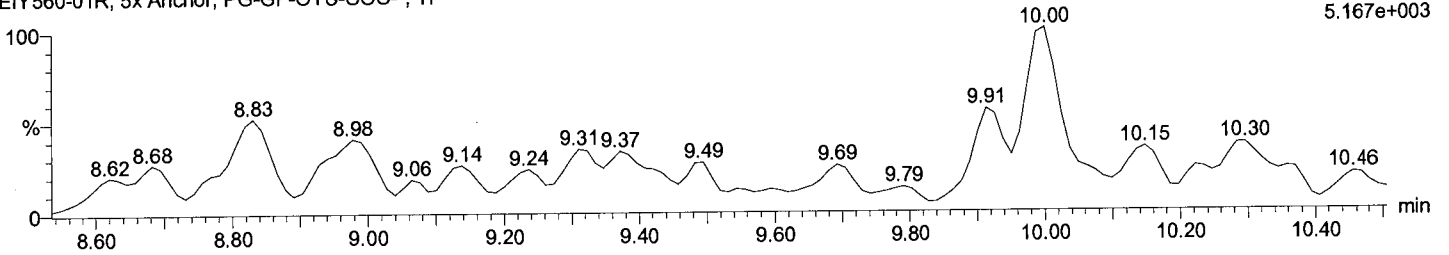
Time: 22:01:49

Instrument:

Total MoCB F1

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

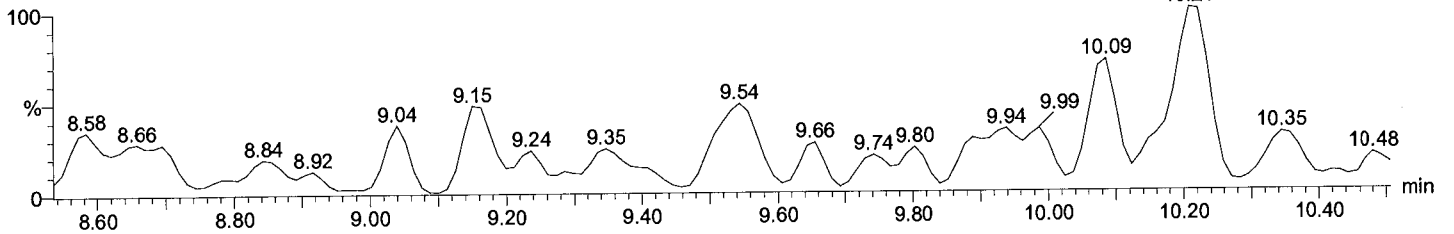
F1:Voltage SIR,EI+  
188.0393  
5.167e+003



Total MoCB F1

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

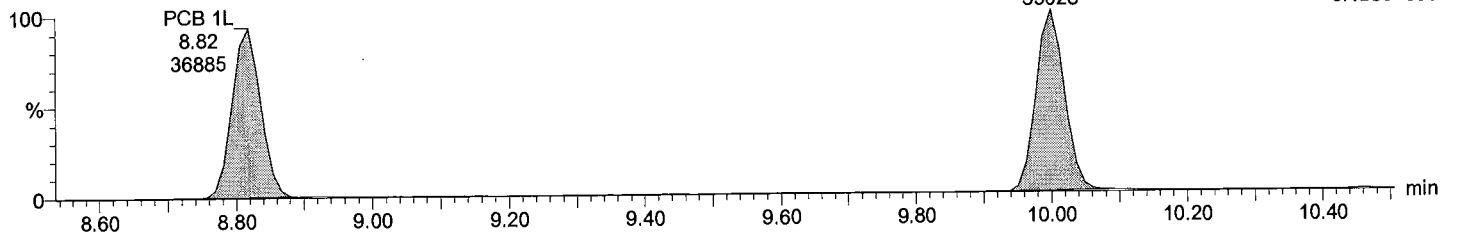
F1:Voltage SIR,EI+  
190.0363  
3.182e+003



Total MoCB labeled F1

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

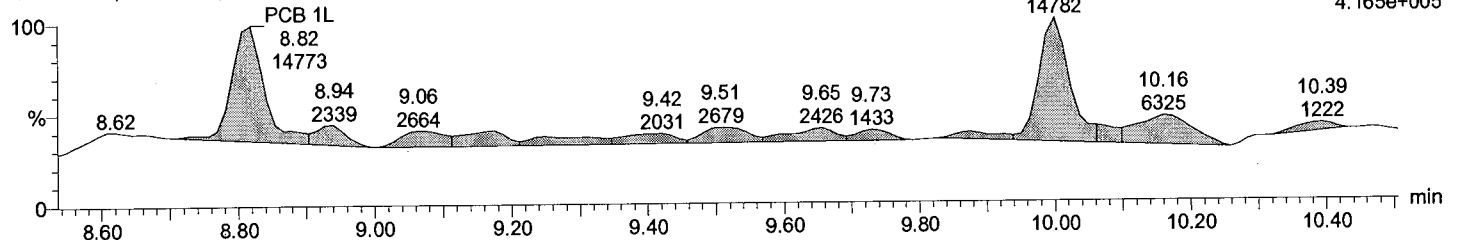
PCB 3L  
10.00  
39028  
F1:Voltage SIR,EI+  
200.0795  
8.123e+005



Total MoCB labeled F1

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

PCB 3L  
10.00  
14782  
F1:Voltage SIR,EI+  
202.076  
4.165e+005





Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

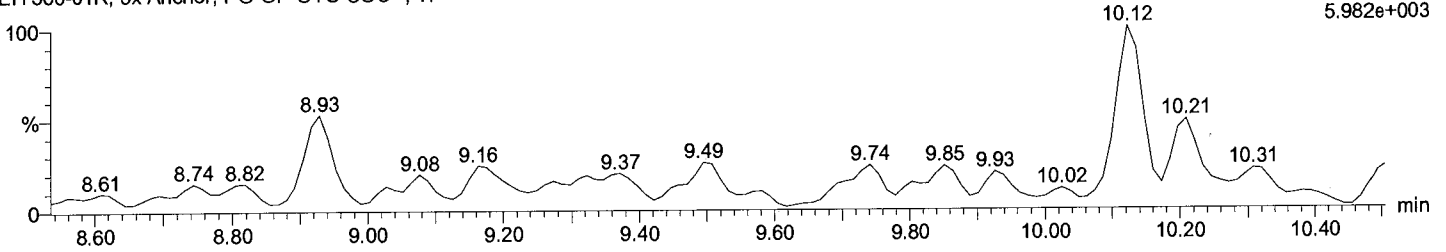
Time: 22:01:49

Instrument:

Total DiCB F1

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

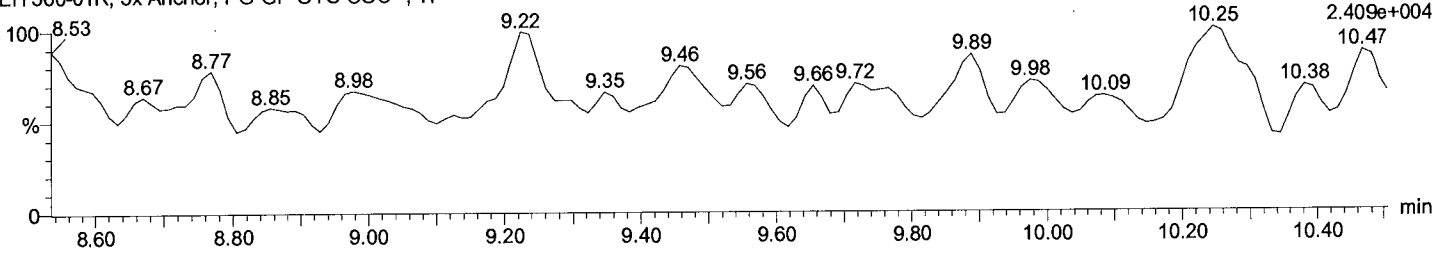
F1:Voltage SIR,EI+  
222.0003  
5.982e+003



Total DiCB F1

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

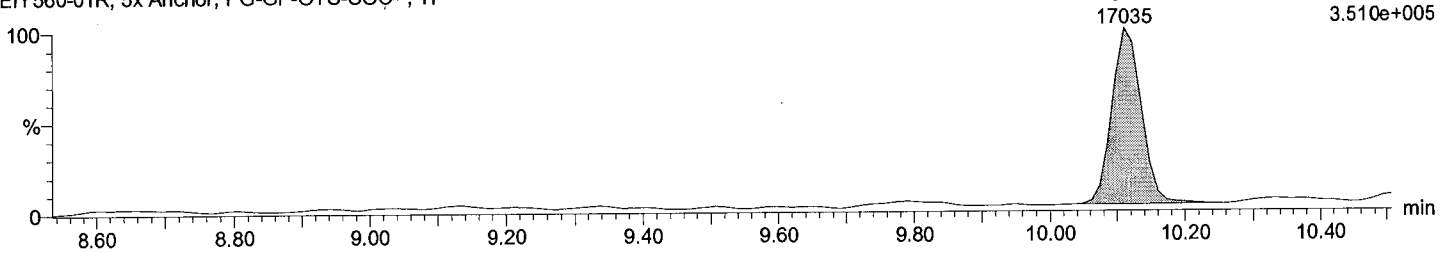
F1:Voltage SIR,EI+  
223.9974  
2.409e+004



Total DiCB labeled F1

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

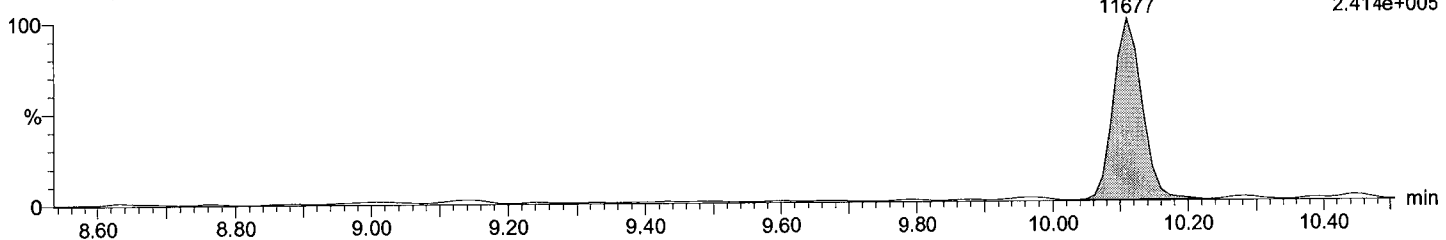
PCB 4L  
10.11  
17035  
F1:Voltage SIR,EI+  
234.0406  
3.510e+005



Total DiCB labeled F1

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

PCB 4L  
10.11  
11677  
F1:Voltage SIR,EI+  
236.0376  
2.414e+005



**Quantify Sample Report**

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

Time: 22:01:49

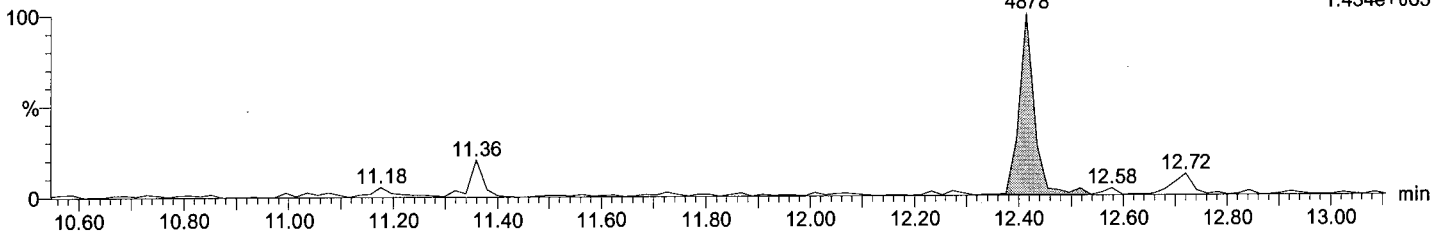
Instrument:

**Total DiCB F2**

M1170609B05

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F2:Voltage SIR,EI+  
222.0003  
1.434e+005

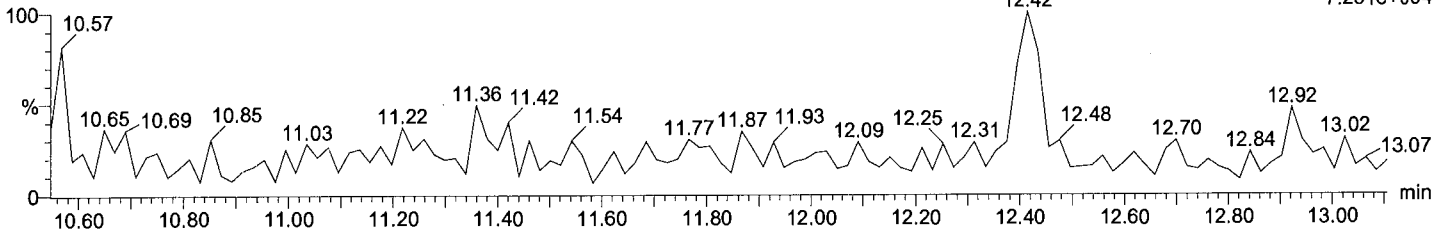


**Total DiCB F2**

M1170609B05

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F2:Voltage SIR,EI+  
223.9974  
7.251e+004

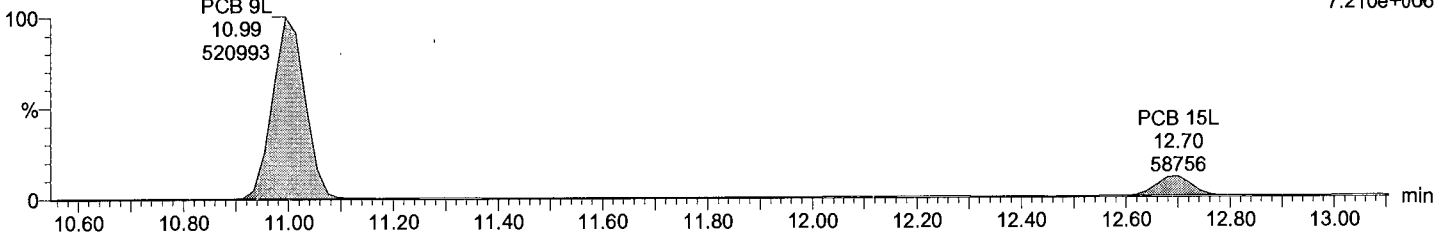


**Total DiCB labeled F2**

M1170609B05 Smooth(SG,3x1)

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F2:Voltage SIR,EI+  
234.0406  
7.210e+006

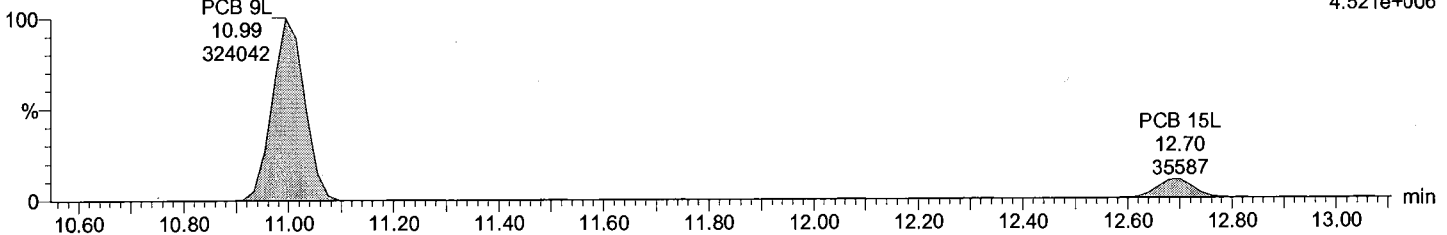


**Total DiCB labeled F2**

M1170609B05 Smooth(SG,3x1)

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F2:Voltage SIR,EI+  
236.0376  
4.521e+006



**Quantify Sample Report**  
Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

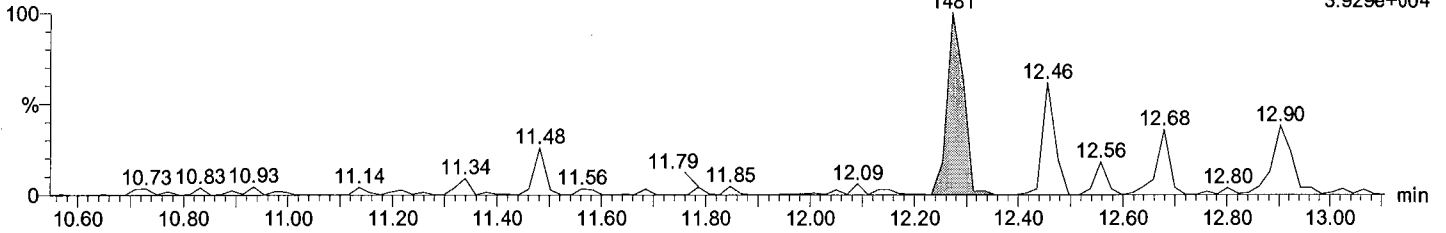
Last Altered: Monday, June 12, 2017 9:42:21 AM  
Printed: Monday, June 12, 2017 9:43:10 AM

**Description: EIY560-01R, 5x**  
**Vial: 5**  
**Date: 09-Jun-2017**  
**Time: 22:01:49**  
**Instrument:**

**Total TriCB F2**

M1170609B05  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

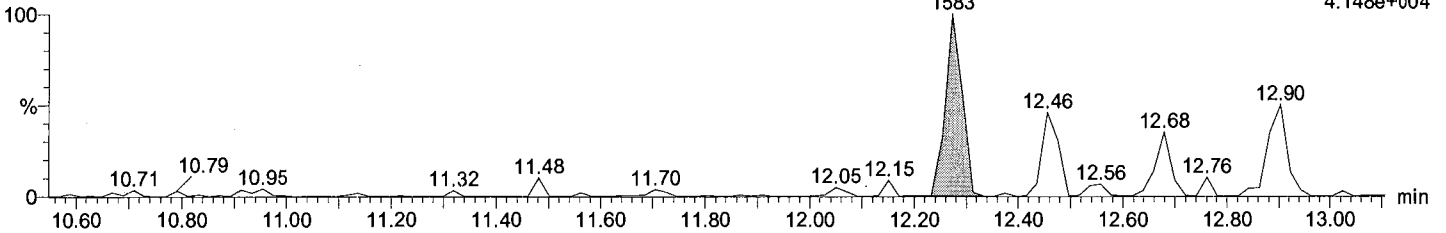
PCB 30/18  
12.27  
1481  
F2:Voltage SIR,EI+  
255.9614  
3.929e+004



**Total TriCB F2**

M1170609B05  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

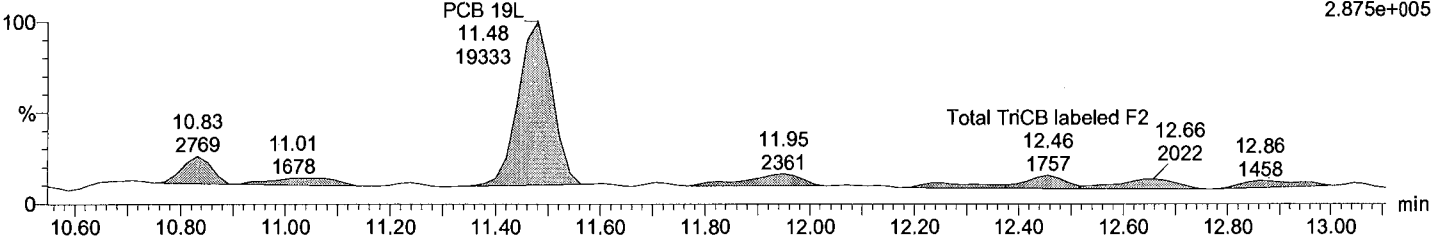
PCB 30/18  
12.27  
1583  
F2:Voltage SIR,EI+  
257.9584  
4.148e+004



**Total TriCB labeled F2**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

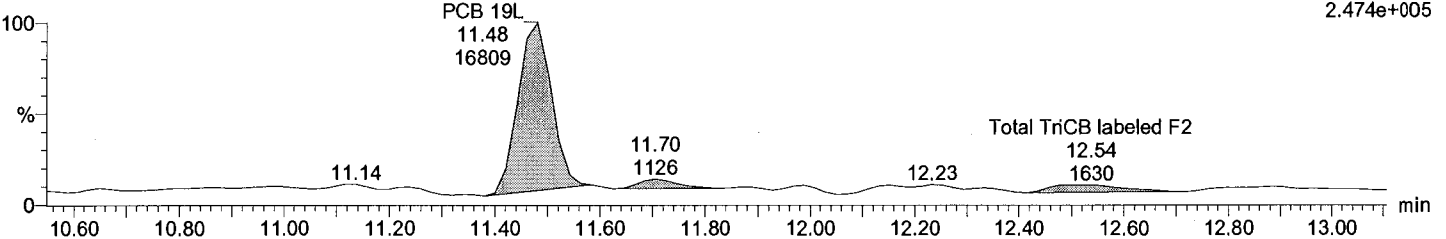
F2:Voltage SIR,EI+  
268.0016  
2.875e+005



**Total TriCB labeled F2**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F2:Voltage SIR,EI+  
269.9986  
2.474e+005



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM  
Printed: Monday, June 12, 2017 9:43:10 AM

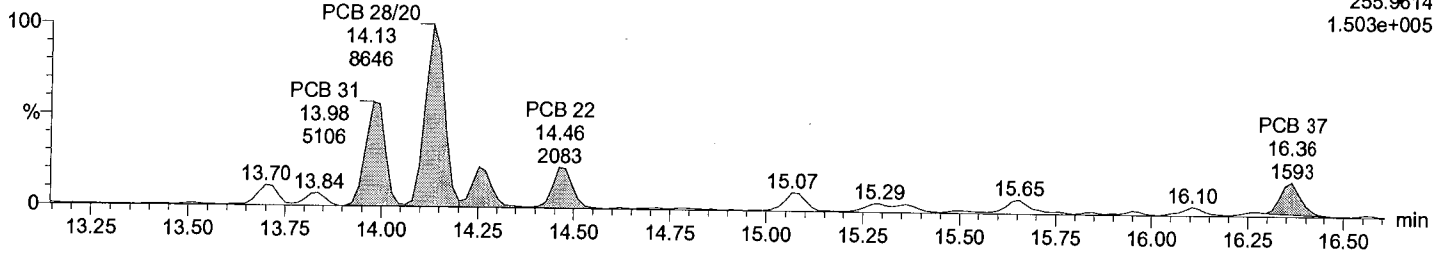
Description: EIY560-01R, 5x  
Vial: 5  
Date: 09-Jun-2017  
Time: 22:01:49  
Instrument:

**Total TriCB F3**

M1170609B05 Smooth(SG,1x1)

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F3:Voltage SIR,EI+  
255.9614  
1.503e+005

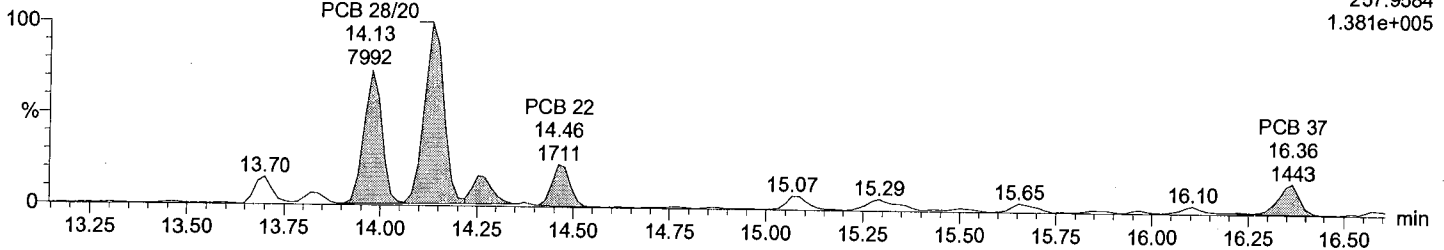


**Total TriCB F3**

M1170609B05 Smooth(SG,1x1)

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F3:Voltage SIR,EI+  
257.9584  
1.381e+005

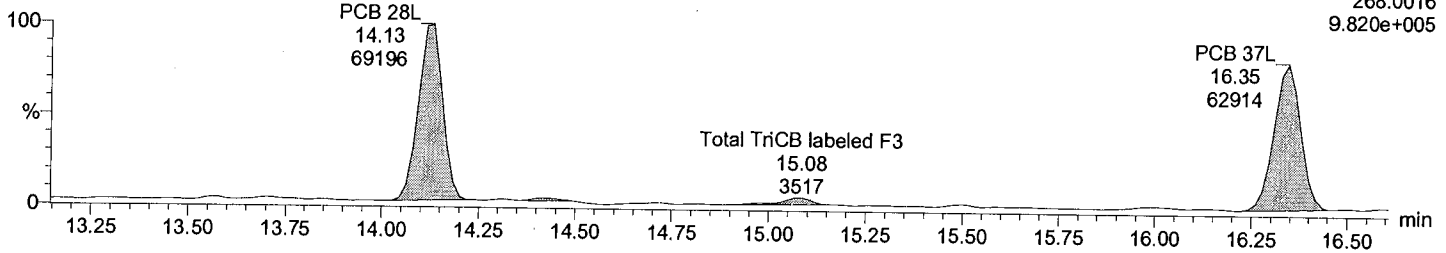


**Total TriCB labeled F3**

M1170609B05 Smooth(SG,3x1)

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F3:Voltage SIR,EI+  
268.0016  
9.820e+005

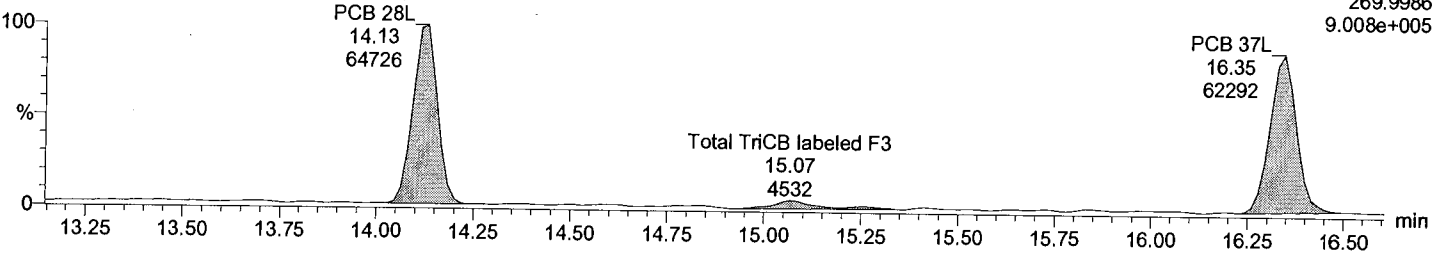


**Total TriCB labeled F3**

M1170609B05 Smooth(SG,3x1)

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F3:Voltage SIR,EI+  
269.9986  
9.008e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

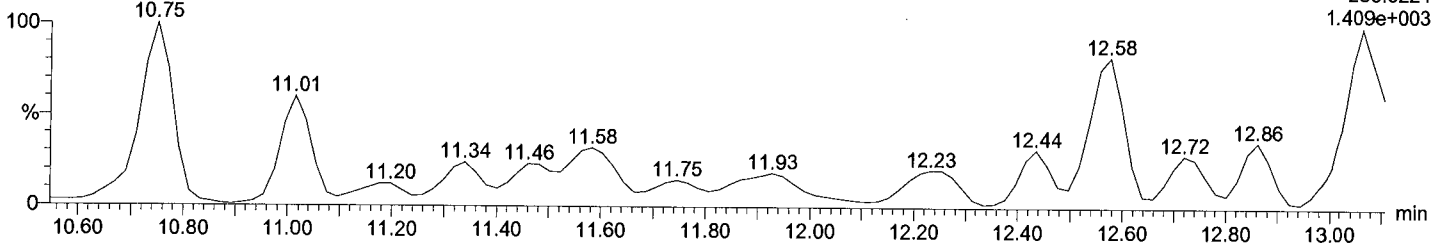
Time: 22:01:49

Instrument:

Total TeCB F2

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

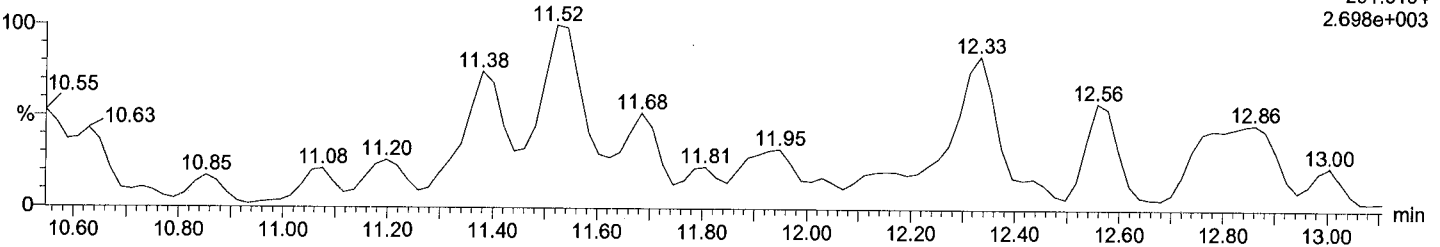
F2:Voltage SIR,EI+  
289.9224



Total TeCB F2

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

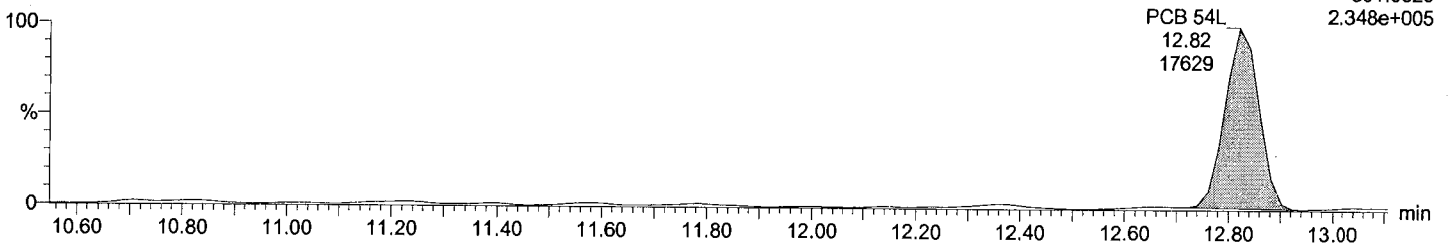
F2:Voltage SIR,EI+  
291.9194  
2.698e+003



Total TeCB labeled F2

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

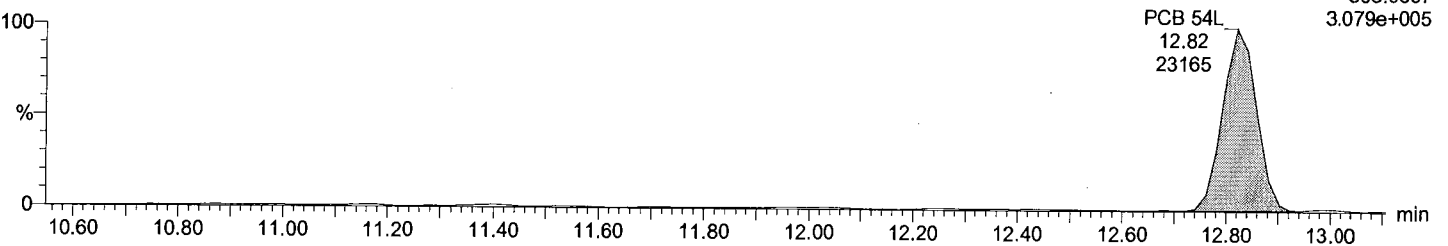
F2:Voltage SIR,EI+  
301.9626  
2.348e+005



Total TeCB labeled F2

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F2:Voltage SIR,EI+  
303.9597  
3.079e+005



Dataset: C:\MassLynx\Default.pro\M1170609B\_IM1170609B\_dil\_1668A.qld

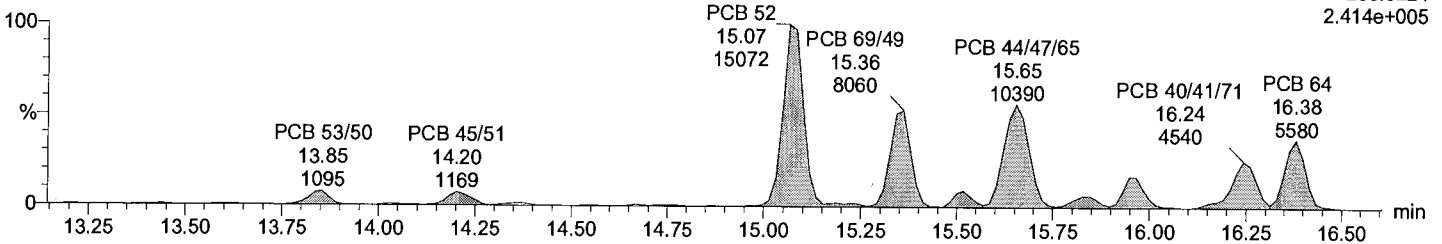
Last Altered: Monday, June 12, 2017 9:42:21 AM  
Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x  
Vial: 5  
Date: 09-Jun-2017  
Time: 22:01:49  
Instrument:

**Total TeCB F3**

M1170609B05 Smooth(SG,1x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

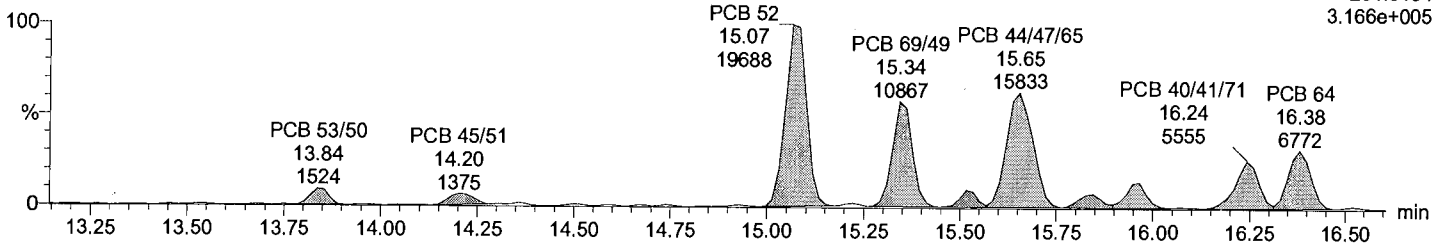
F3:Voltage SIR,EI+  
289.9224  
2.414e+005



**Total TeCB F3**

M1170609B05 Smooth(SG,1x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

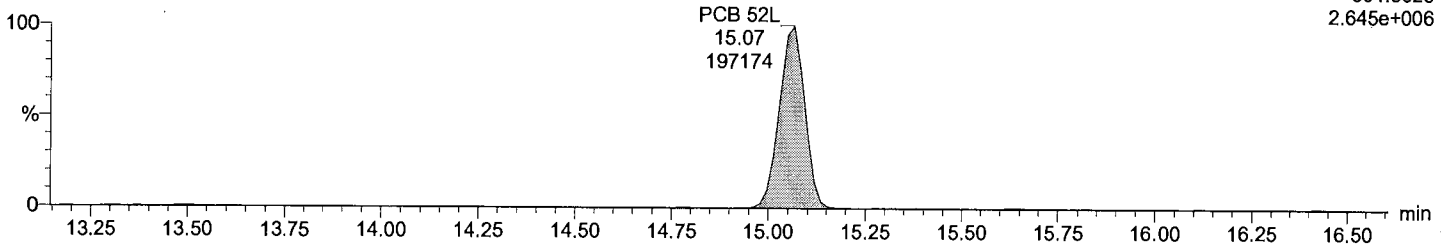
F3:Voltage SIR,EI+  
291.9194  
3.166e+005



**Total TeCB labeled F3**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

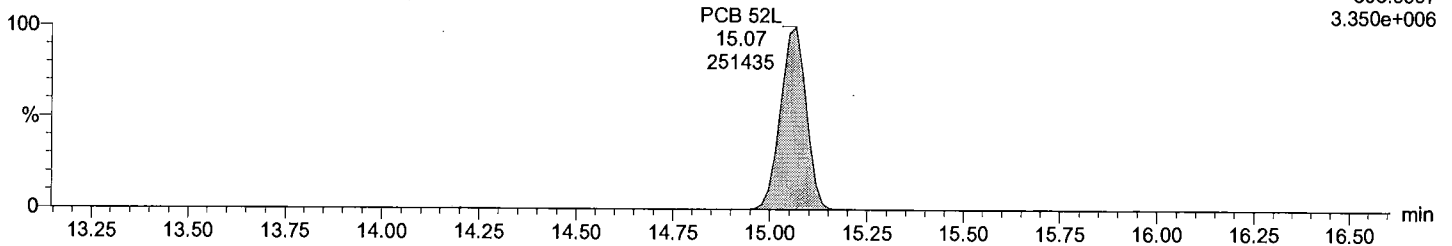
F3:Voltage SIR,EI+  
301.9626  
2.645e+006



**Total TeCB labeled F3**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F3:Voltage SIR,EI+  
303.9597  
3.350e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

Time: 22:01:49

Instrument:

Total TeCB F4

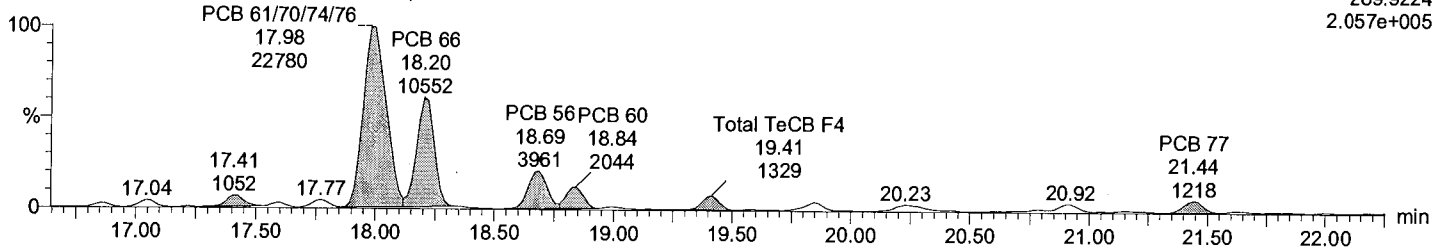
M1170609B05 Smooth(SG,3x1)

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F4:Voltage SIR,EI+

289.9224

2.057e+005



Total TeCB F4

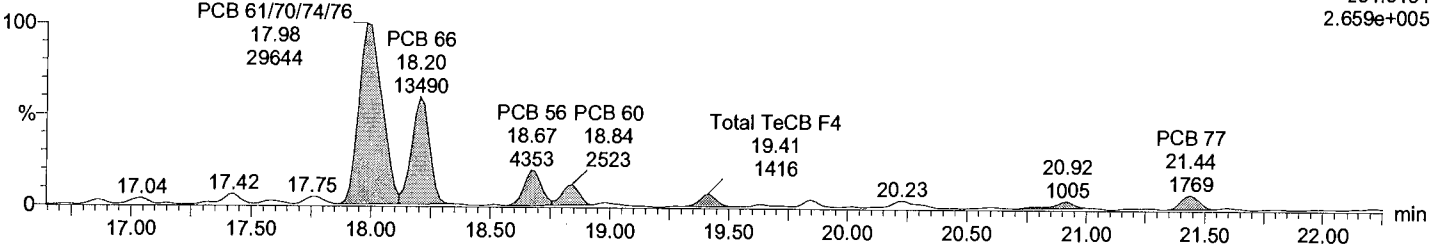
M1170609B05 Smooth(SG,3x1)

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F4:Voltage SIR,EI+

291.9194

2.659e+005



Total TeCB labeled F4

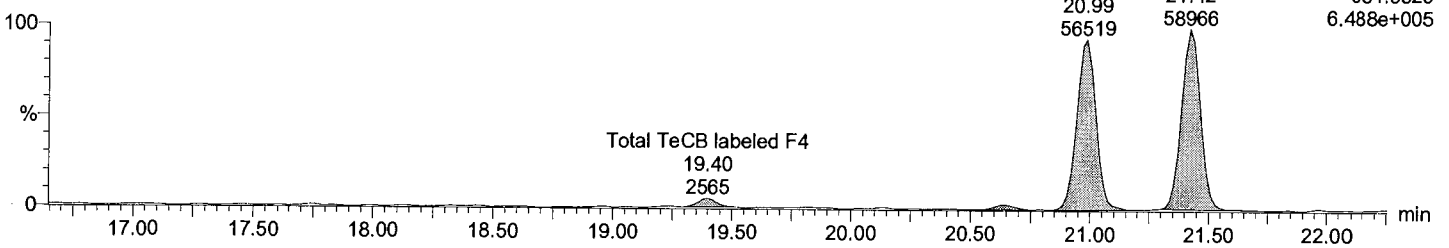
M1170609B05 Smooth(SG,3x1)

EIY560-01R; 5x Anchor, PG-GP-OYS-COC-\*, TI

F4:Voltage SIR,EI+

301.9626

6.488e+005



Total TeCB labeled F4

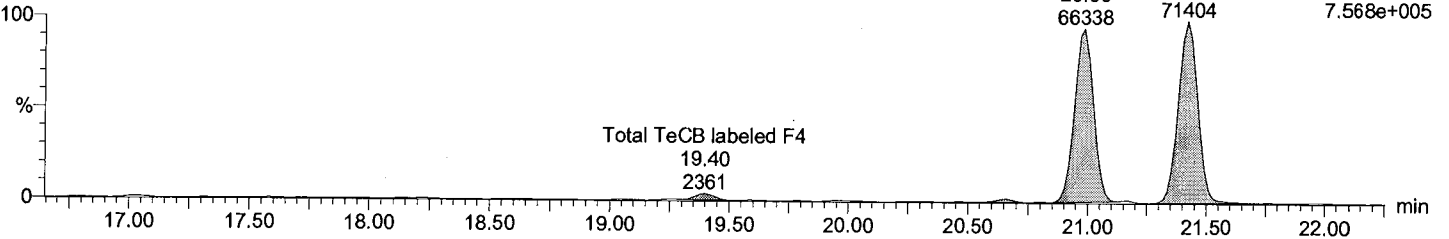
M1170609B05 Smooth(SG,3x1)

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F4:Voltage SIR,EI+

303.9597

7.568e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

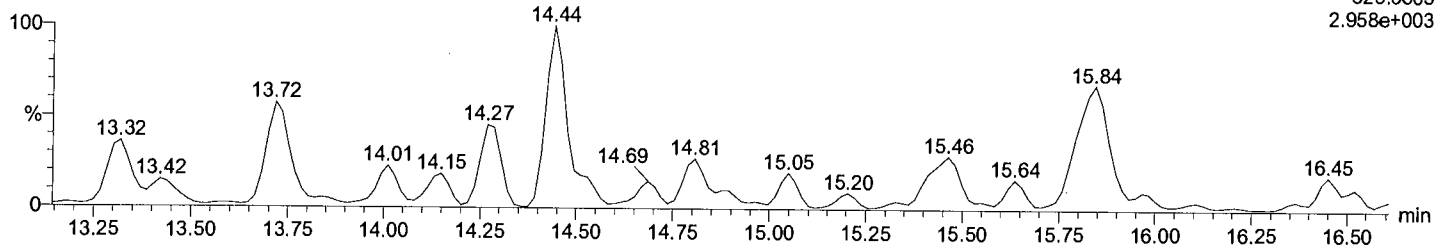
Time: 22:01:49

Instrument:

Total PeCB F3

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

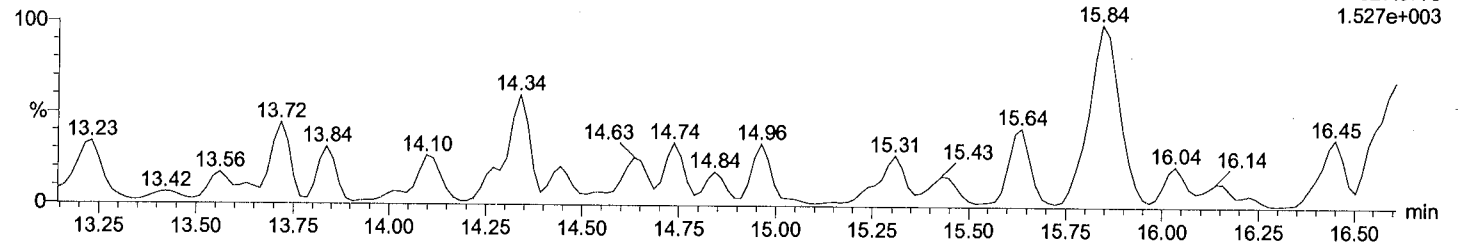
F3:Voltage SIR,EI+  
325.8805  
2.958e+003



Total PeCB F3

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F3:Voltage SIR,EI+  
327.8775  
1.527e+003

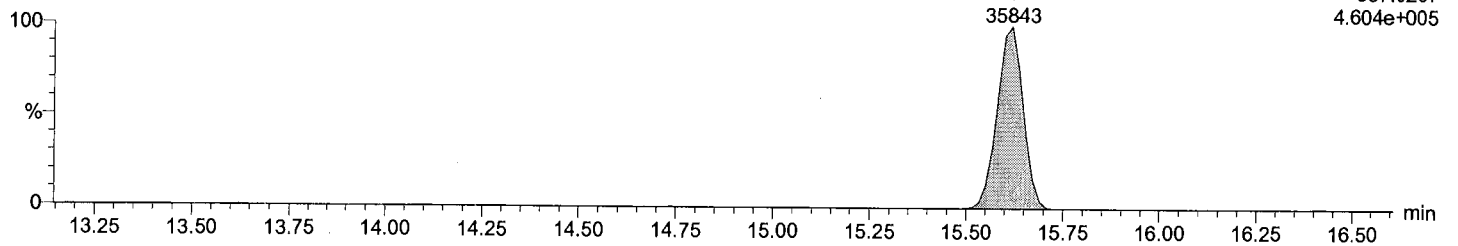


Total PeCB labeled F3

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

PCB 104L  
15.62  
35843

F3:Voltage SIR,EI+  
337.9207  
4.604e+005

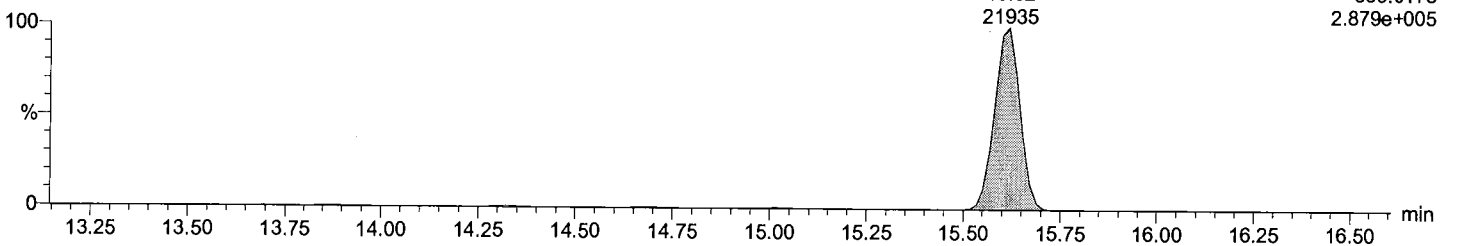


Total PeCB labeled F3

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

PCB 104L  
15.62  
21935

F3:Voltage SIR,EI+  
339.9178  
2.879e+005





Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

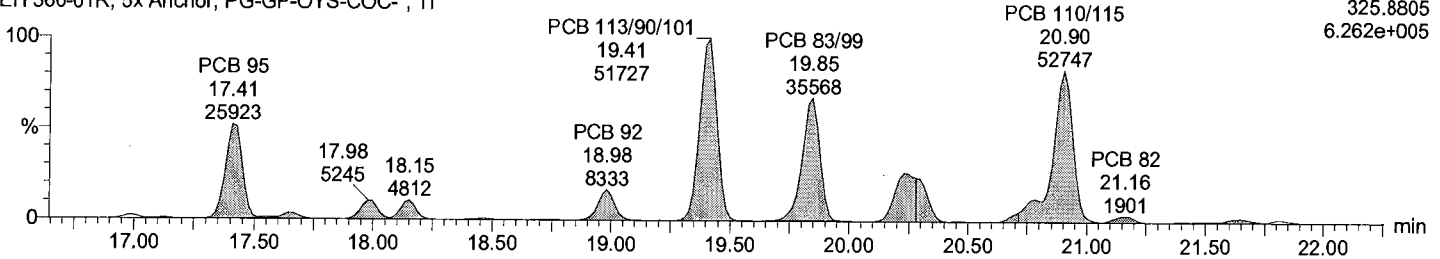
Time: 22:01:49

Instrument:

Total PeCB F4

M1170609B05 Smooth(SG,2x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

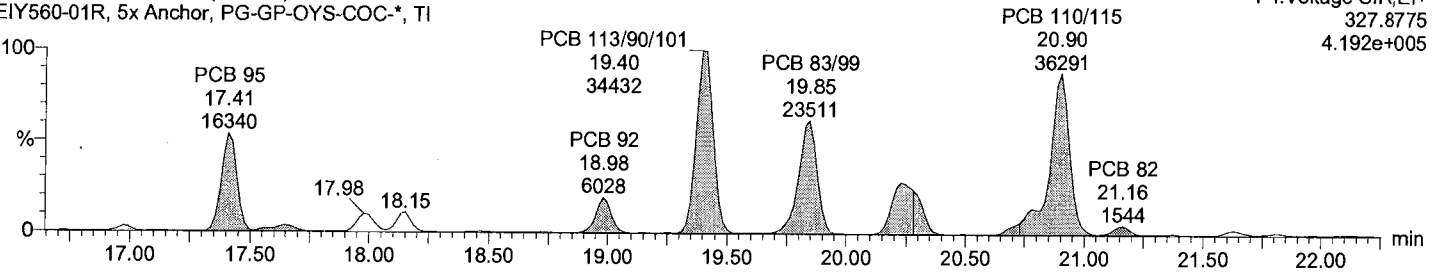
F4:Voltage SIR,EI+  
325.8805  
6.262e+005



Total PeCB F4

M1170609B05 Smooth(SG,2x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

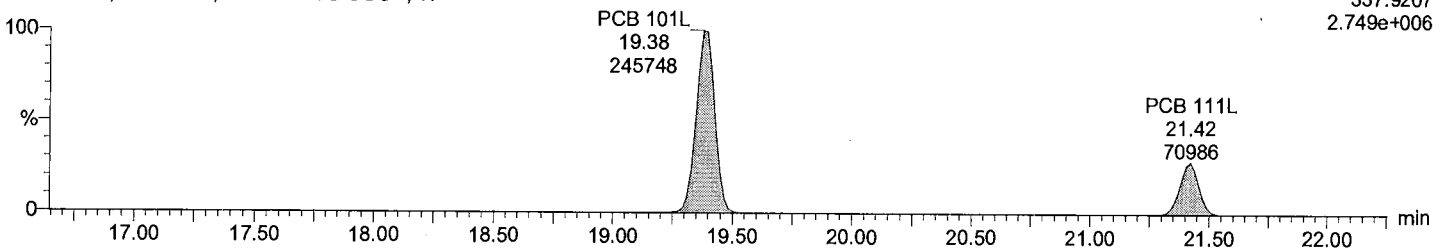
F4:Voltage SIR,EI+  
327.8775  
4.192e+005



Total PeCB labeled F4

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

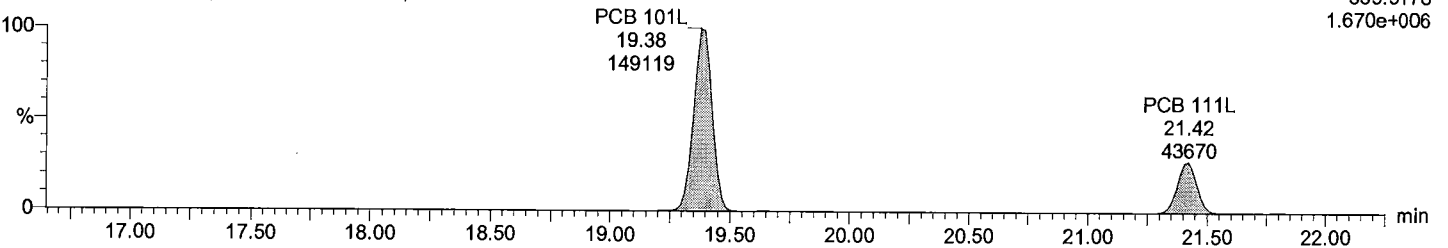
F4:Voltage SIR,EI+  
337.9207  
2.749e+006



Total PeCB labeled F4

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F4:Voltage SIR,EI+  
339.9178  
1.670e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

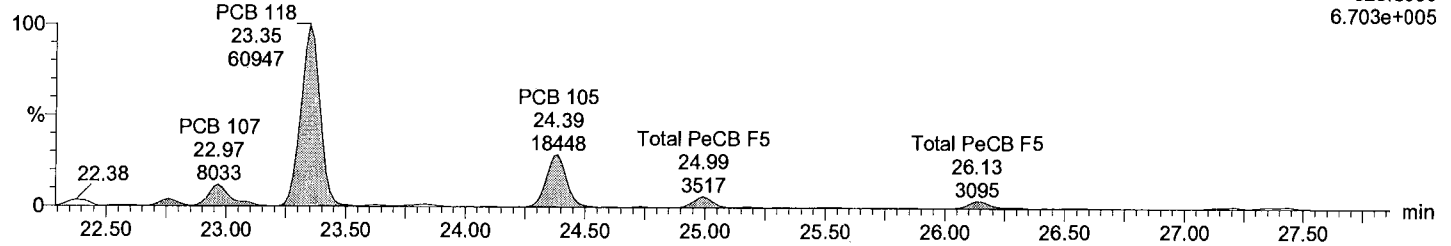
Time: 22:01:49

Instrument:

Total PeCB F5

M1170609B05 Smooth(SG,2x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

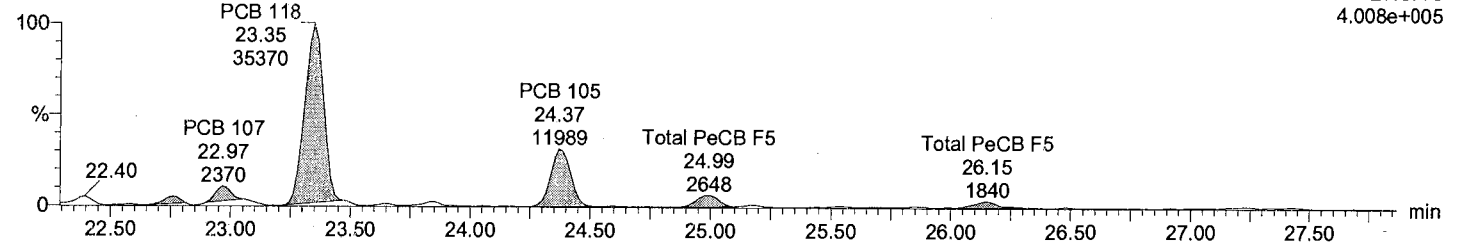
F5:Voltage SIR,EI+  
325.8805  
6.703e+005



Total PeCB F5

M1170609B05 Smooth(SG,2x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

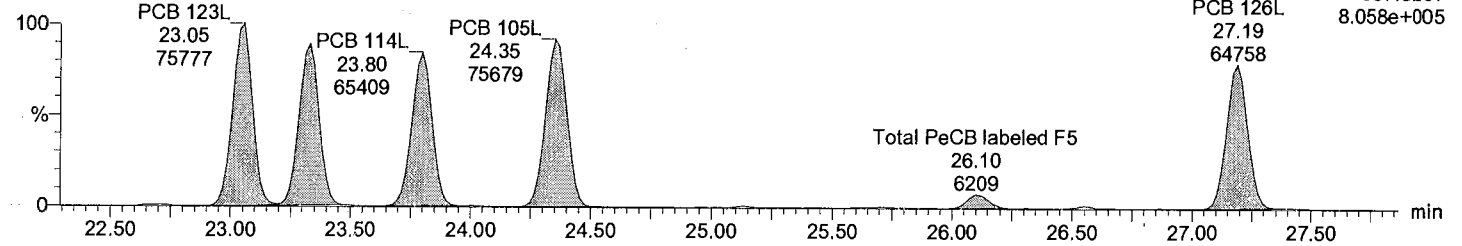
F5:Voltage SIR,EI+  
327.8775  
4.008e+005



Total PeCB labeled F5

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

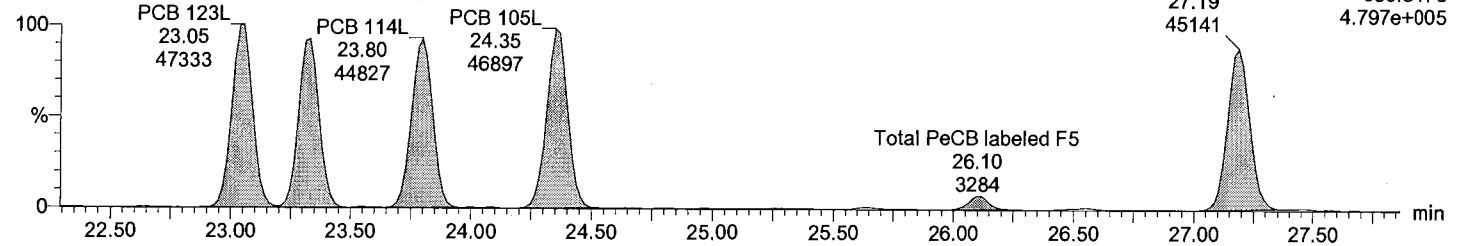
F5:Voltage SIR,EI+  
337.9207  
8.058e+005



Total PeCB labeled F5

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

PCB 126L F5:Voltage SIR,EI+  
27.19 339.9178  
45141 4.797e+005



**Quantify Sample Report**

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

**Description: EIY560-01R, 5x**

**Vial: 5**

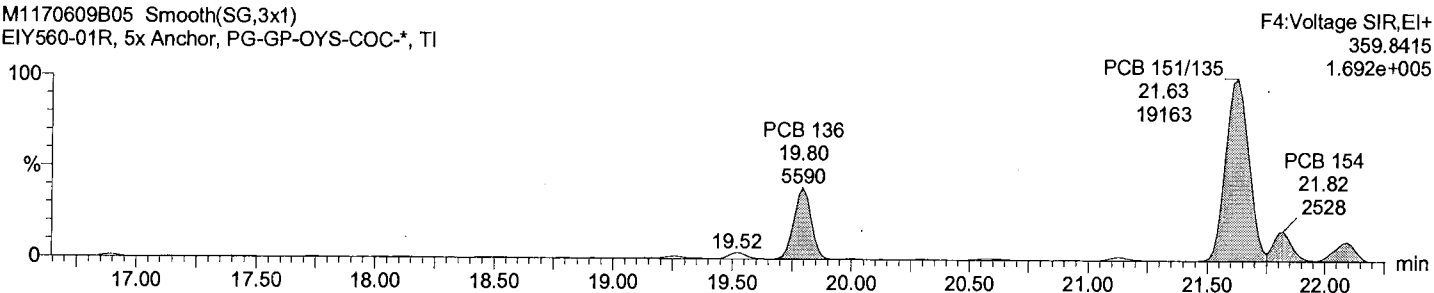
**Date: 09-Jun-2017**

**Time: 22:01:49**

**Instrument:**

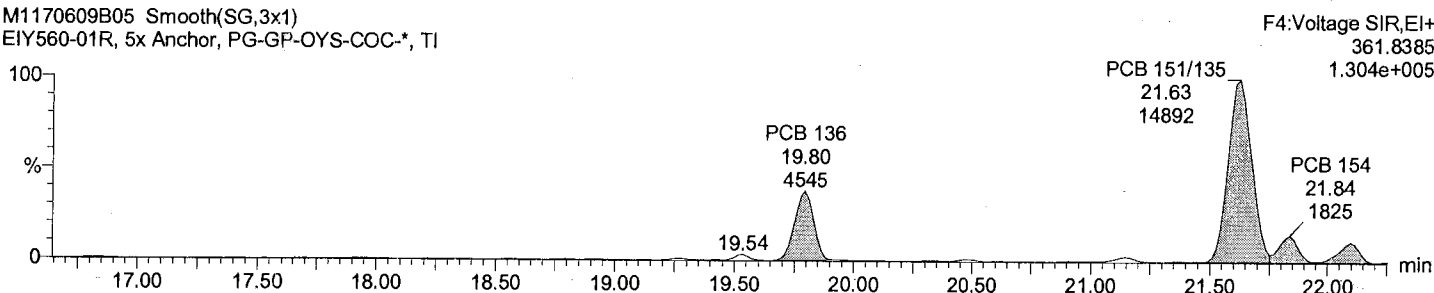
**Total HxCB F4**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI



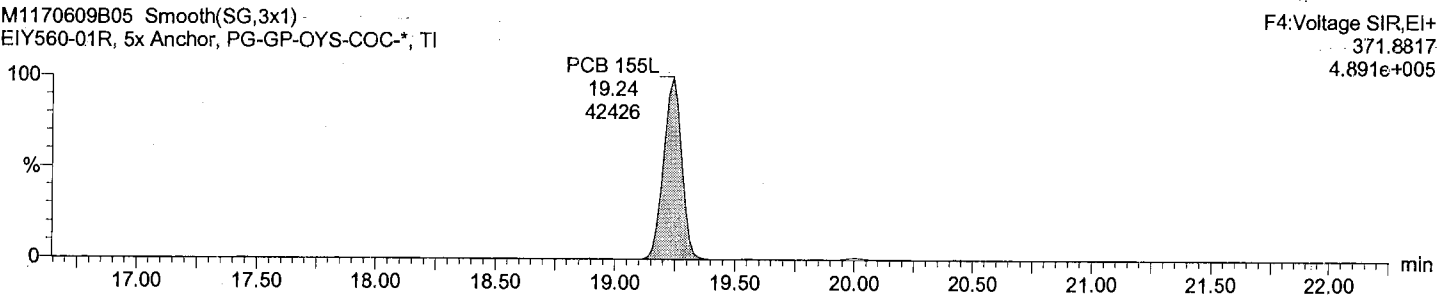
**Total HxCB F4**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI



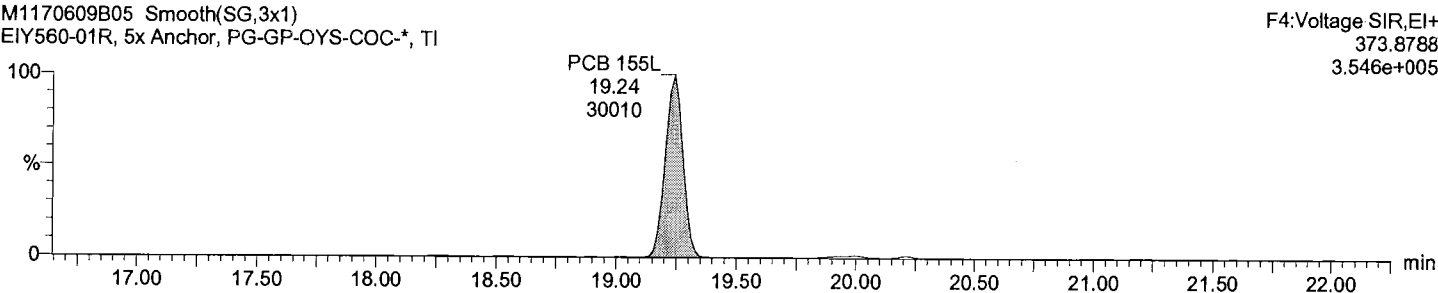
**Total HxCB labeled F4**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI



**Total HxCB labeled F4**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

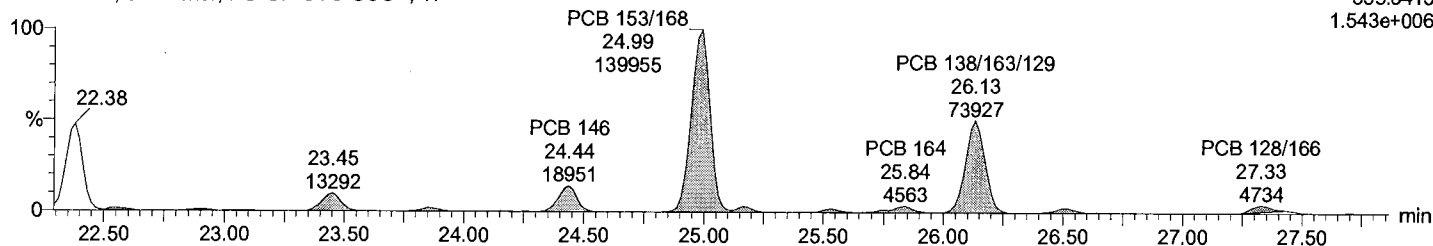
Time: 22:01:49

Instrument:

Total HxCB F5

M1170609B05 Smooth(SG,1x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F5:Voltage SIR,EI+  
359.8415  
1.543e+006



PCB 153/168  
24.99  
139955

PCB 138/163/129  
26.13  
73927

PCB 128/166  
27.33  
4734

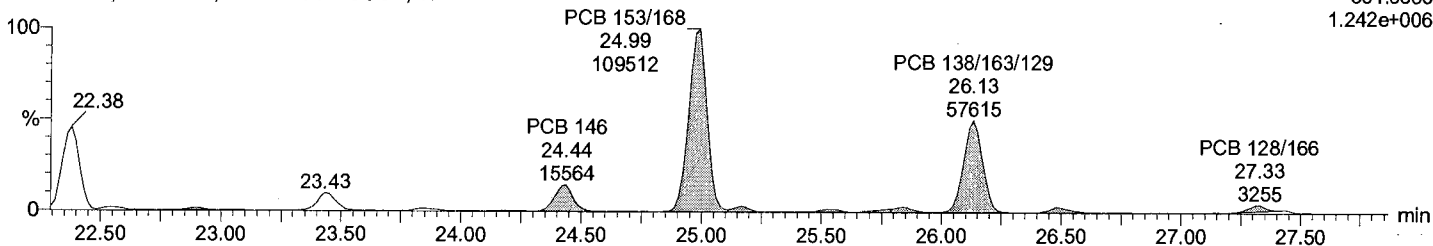
PCB 146  
24.44  
18951

PCB 164  
25.84  
4563

Total HxCB F5

M1170609B05 Smooth(SG,1x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F5:Voltage SIR,EI+  
361.8385  
1.242e+006



PCB 153/168  
24.99  
109512

PCB 138/163/129  
26.13  
57615

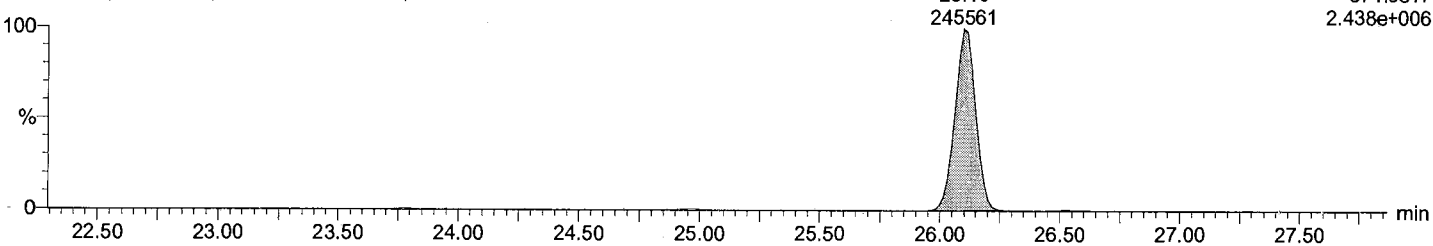
PCB 128/166  
27.33  
3255

PCB 146  
24.44  
15564

Total HxCB labeled F5

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F5:Voltage SIR,EI+  
371.8817  
2.438e+006

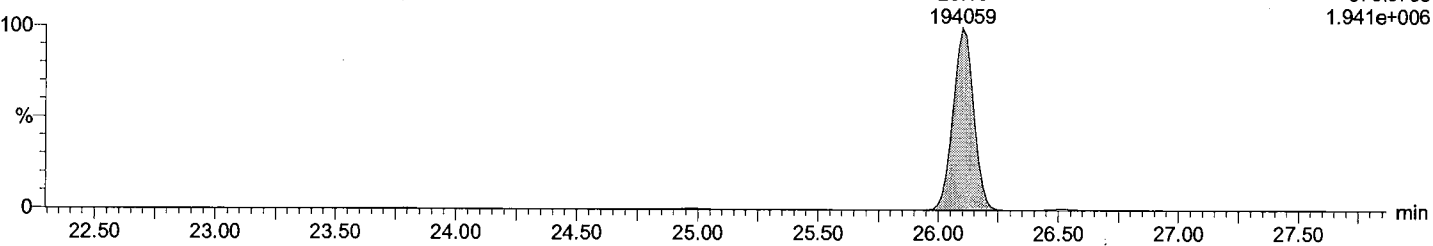


PCB 138L  
26.10  
245561

Total HxCB labeled F5

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F5:Voltage SIR,EI+  
373.8788  
1.941e+006



PCB 138L  
26.10  
194059

Quantify Sample Report  
Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

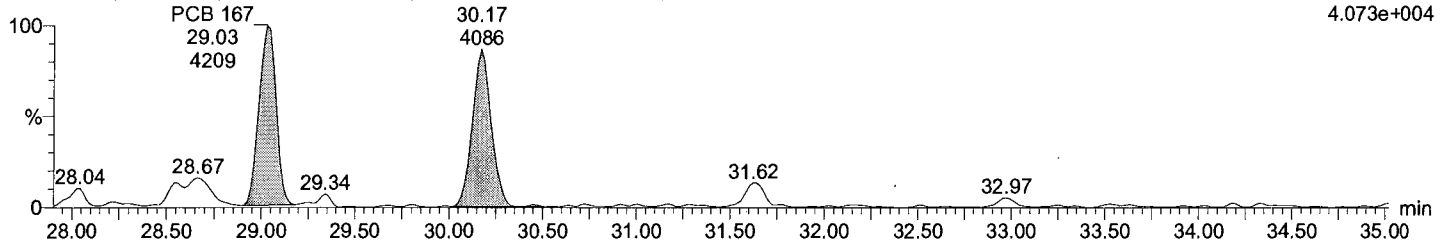
Last Altered: Monday, June 12, 2017 9:42:21 AM  
Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x  
Vial: 5  
Date: 09-Jun-2017  
Time: 22:01:49  
Instrument:

Total HxCB F6

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, PCB 156/157

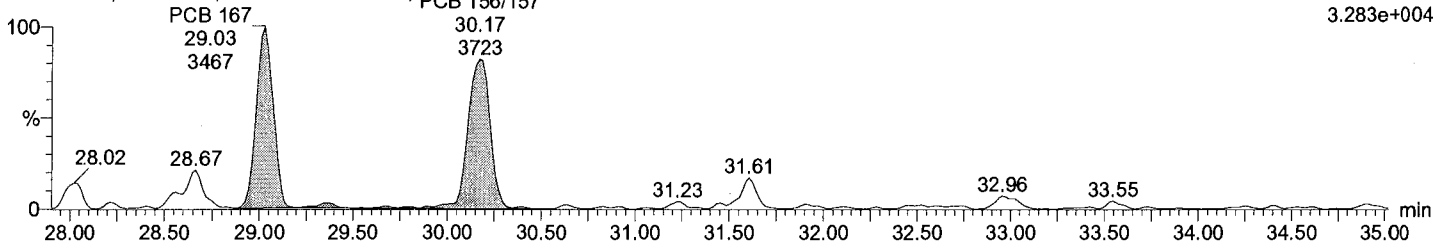
F6:Voltage SIR,EI+  
359.8415  
4.073e+004



Total HxCB F6

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, PCB 156/157

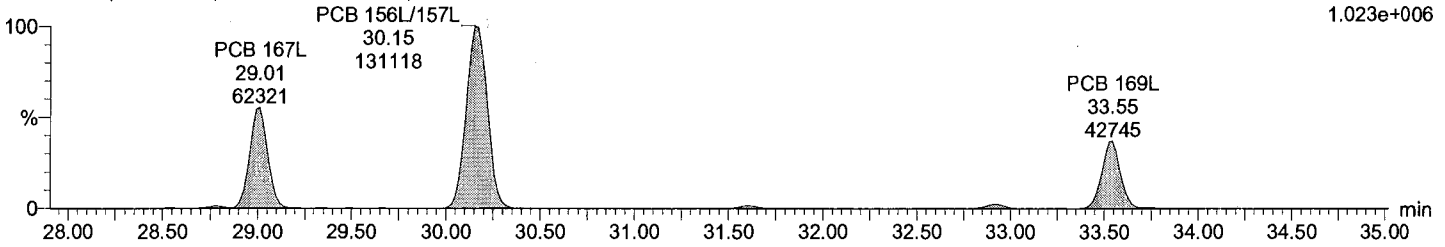
F6:Voltage SIR,EI+  
361.8385  
3.283e+004



Total HxCB labeled F6

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

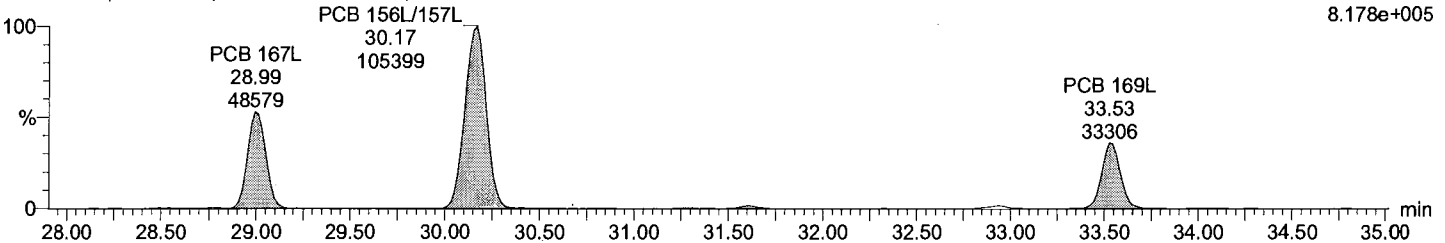
F6:Voltage SIR,EI+  
371.8817  
1.023e+006



Total HxCB labeled F6

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F6:Voltage SIR,EI+  
373.8788  
8.178e+005



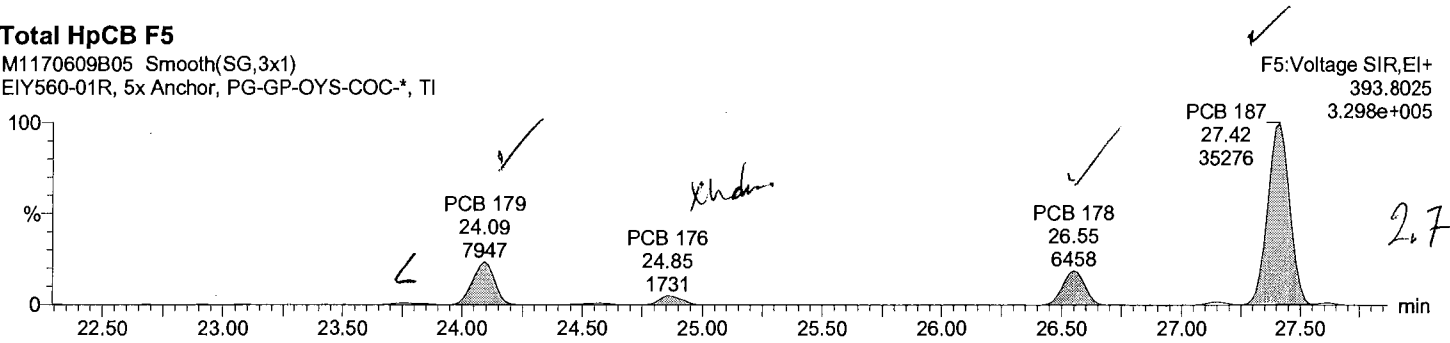
Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM  
Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x  
Vial: 5  
Date: 09-Jun-2017  
Time: 22:01:49  
Instrument:

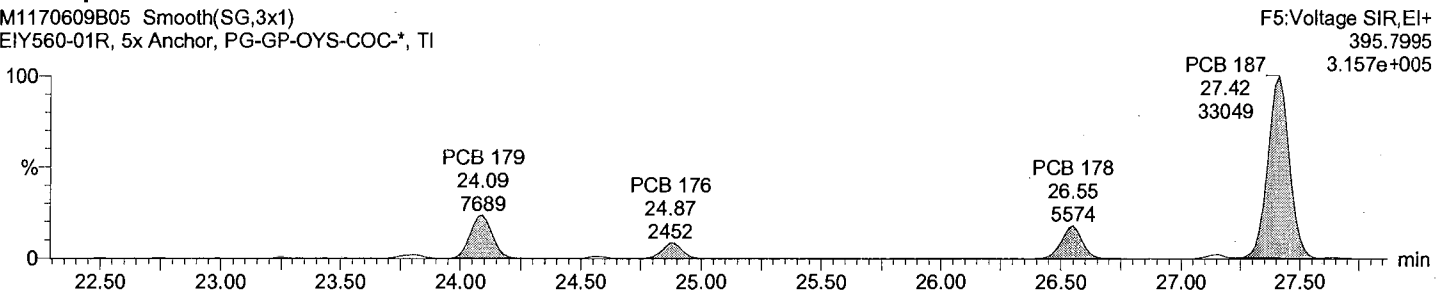
**Total HpCB F5**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI



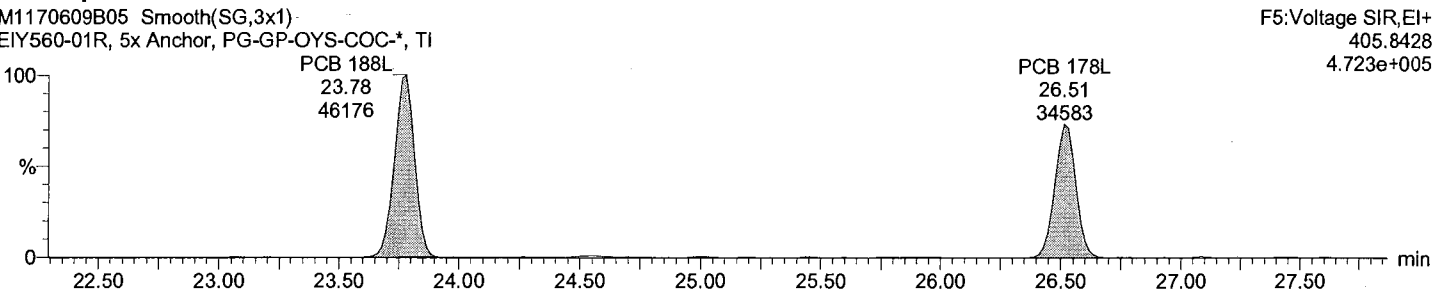
**Total HpCB F5**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI



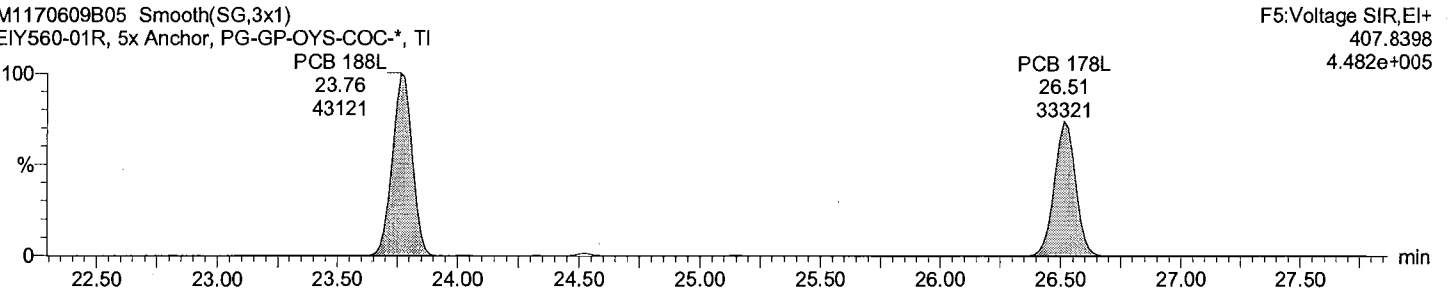
**Total HpCB labeled F5**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI



**Total HpCB labeled F5**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

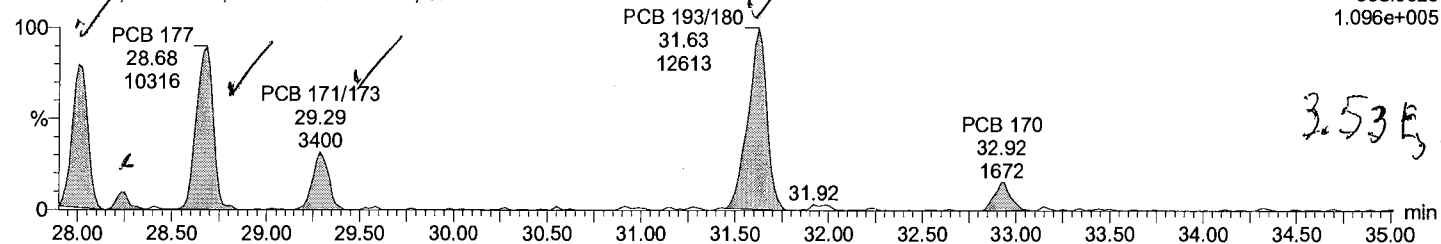
Time: 22:01:49

Instrument:

Total HpCB F6

M1170609B05 Smooth(SG,1x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

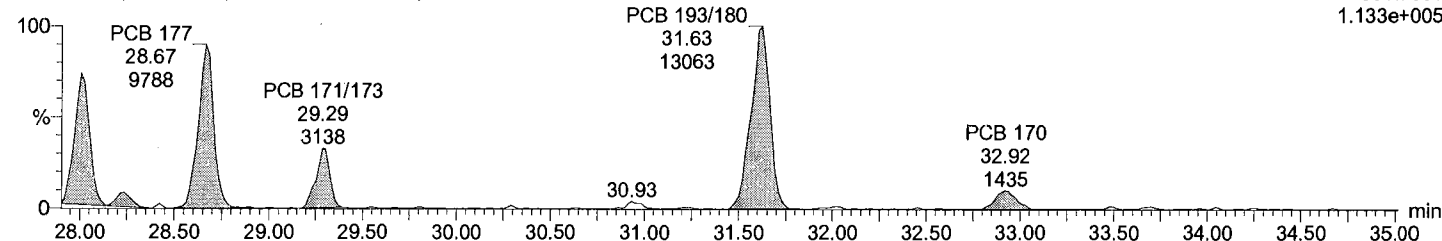
F6:Voltage SIR,EI+  
393.8025  
1.096e+005



Total HpCB F6

M1170609B05 Smooth(SG,1x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

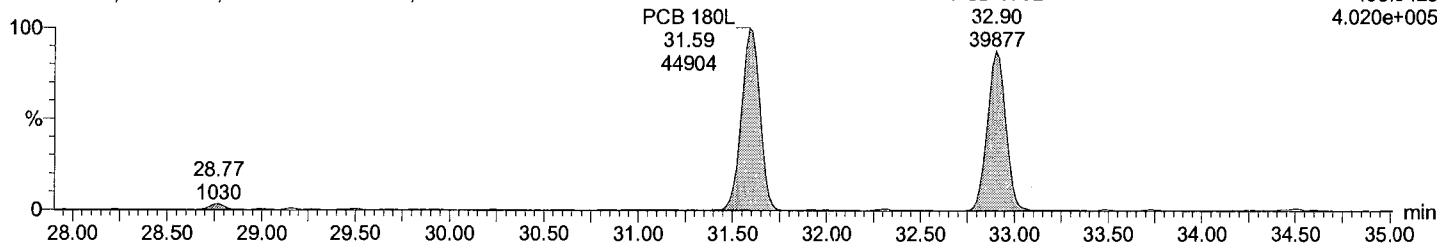
F6:Voltage SIR,EI+  
395.7995  
1.133e+005



Total HpCB labeled F6

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

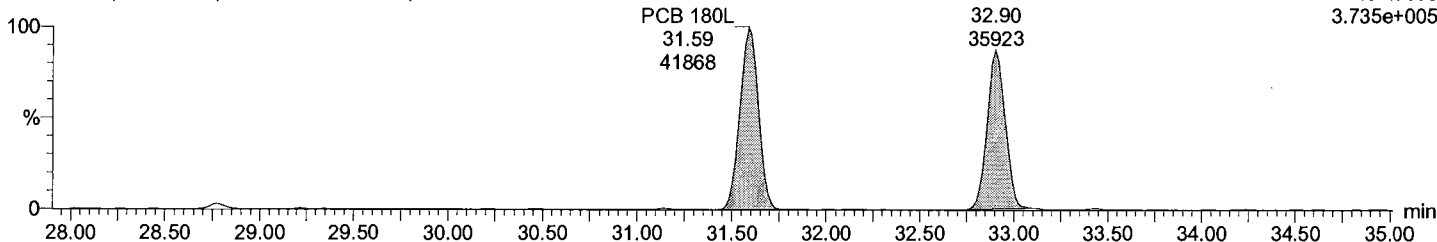
F6:Voltage SIR,EI+  
405.8428  
4.020e+005



Total HpCB labeled F6

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F6:Voltage SIR,EI+  
407.8398  
3.735e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

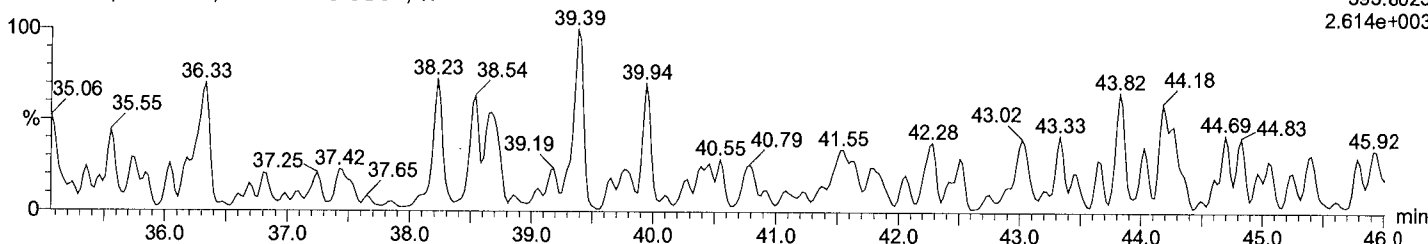
Time: 22:01:49

Instrument:

Total HpCB F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

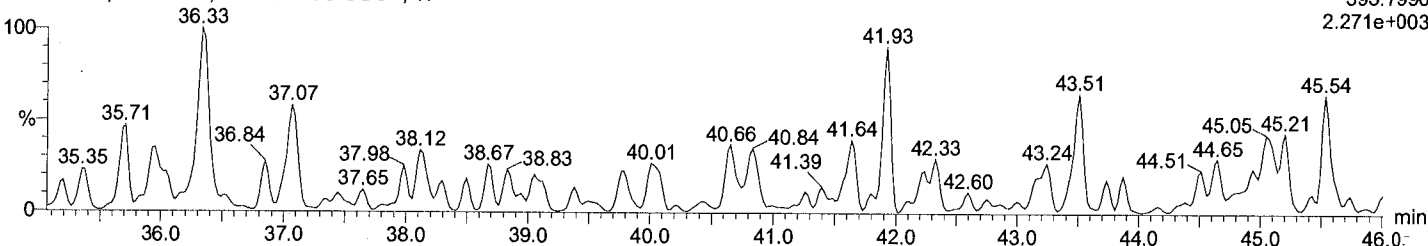
F7:Voltage SIR,EI+  
393.8025  
2.614e+003



Total HpCB F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

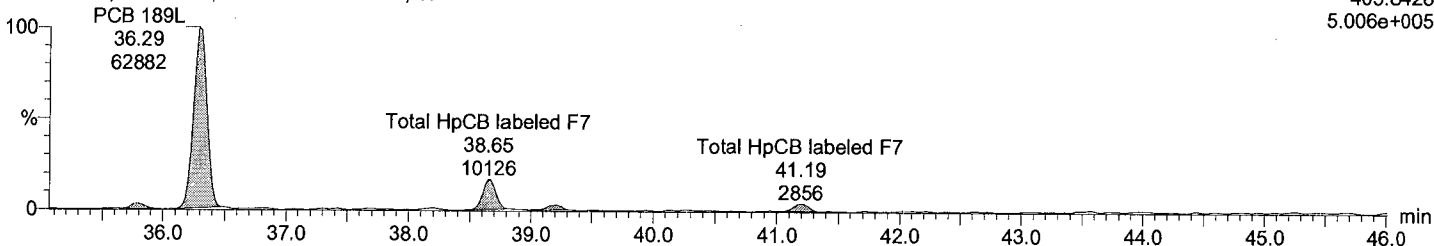
F7:Voltage SIR,EI+  
395.7996  
2.271e+003



Total HpCB labeled F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

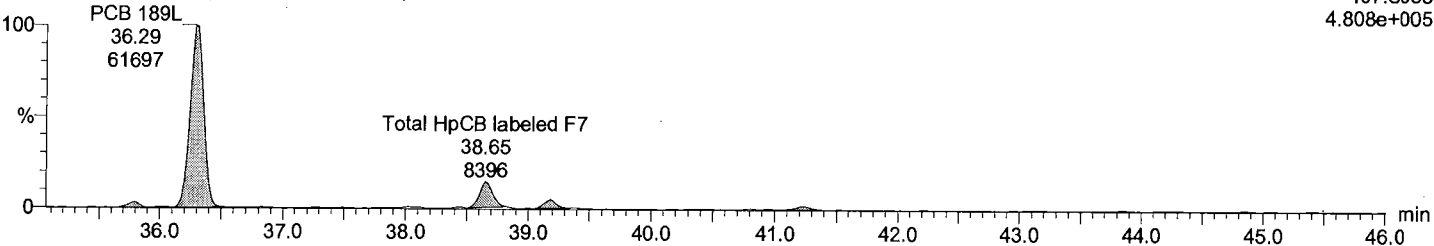
F7:Voltage SIR,EI+  
405.8428  
5.006e+005



Total HpCB labeled F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F7:Voltage SIR,EI+  
407.8398  
4.808e+005





Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

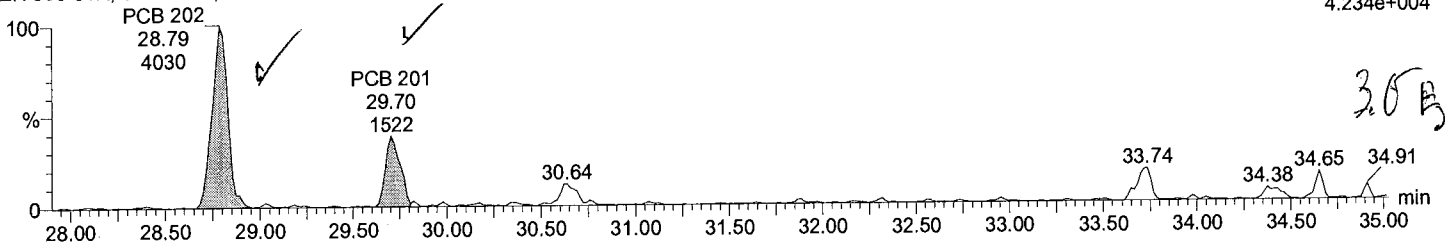
Time: 22:01:49

Instrument:

Total OcCB F6

M1170609B05 Smooth(SG,1x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F6:Voltage SIR,EI+  
427.7635  
4.234e+004

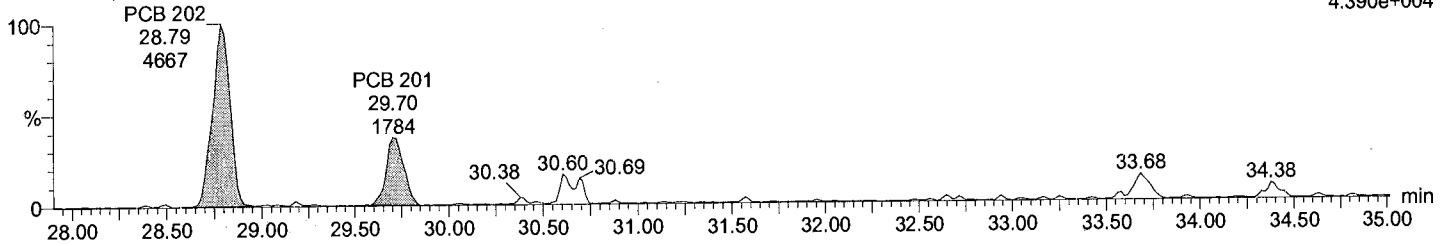


30B

Total OcCB F6

M1170609B05 Smooth(SG,1x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

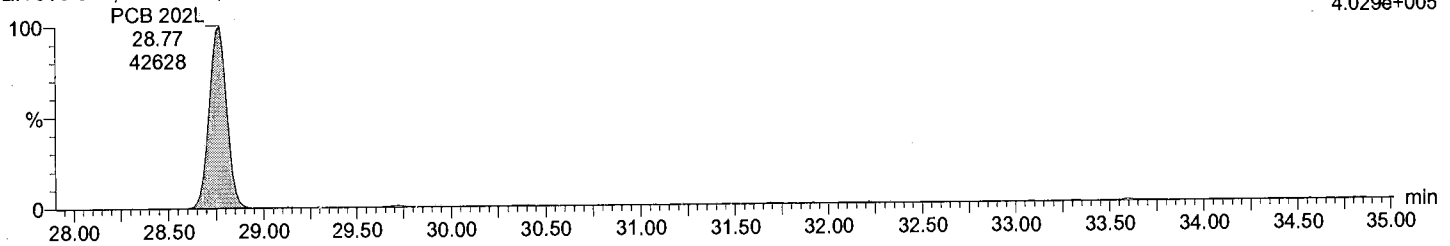
F6:Voltage SIR,EI+  
429.7606  
4.390e+004



Total OcCB labeled F6

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

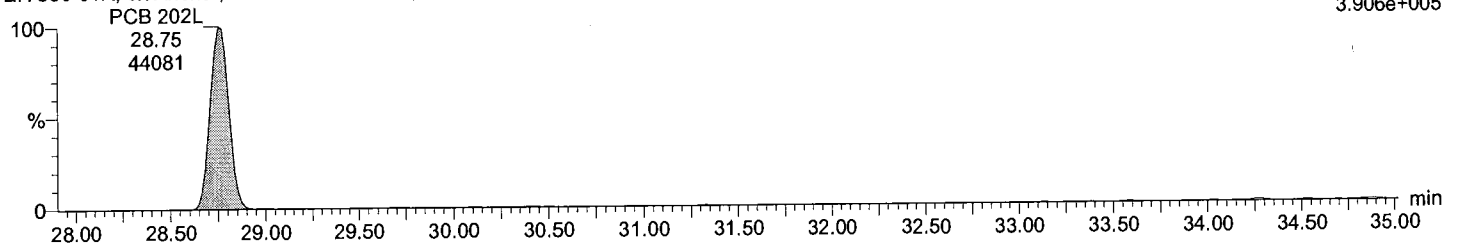
F6:Voltage SIR,EI+  
439.8038  
4.029e+005



Total OcCB labeled F6

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F6:Voltage SIR,EI+  
441.8008  
3.906e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

Time: 22:01:49

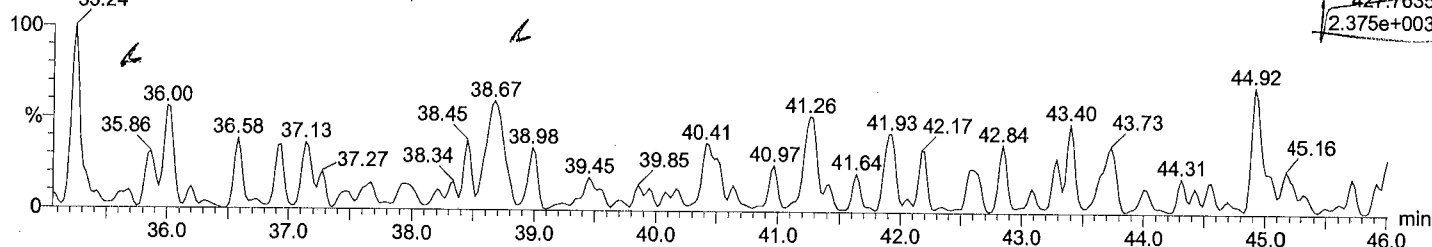
Instrument:

Total OcCB F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F7:Voltage SIR,EI+

427.7635  
2.375e+003

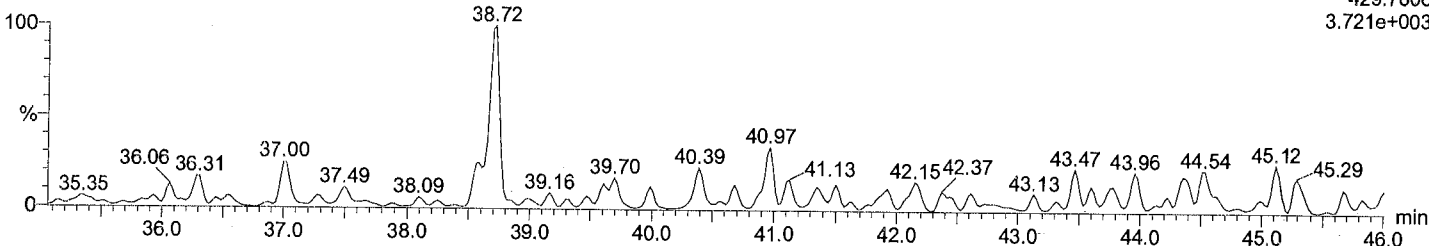


Total OcCB F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F7:Voltage SIR,EI+

429.7606  
3.721e+003

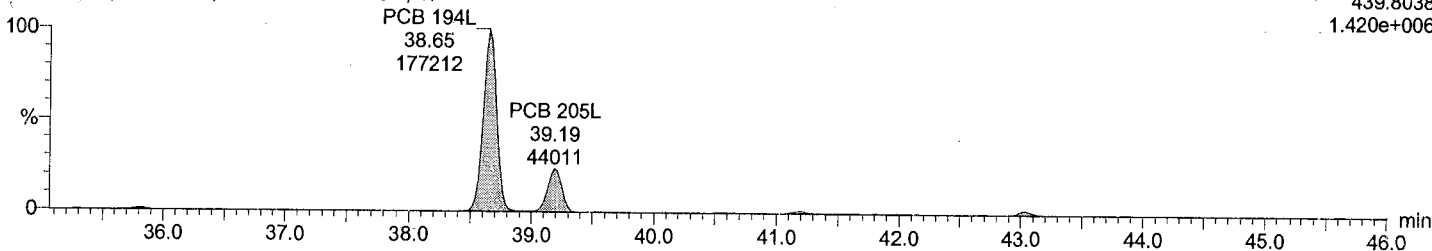


Total OcCB labeled F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F7:Voltage SIR,EI+

439.8038  
1.420e+006

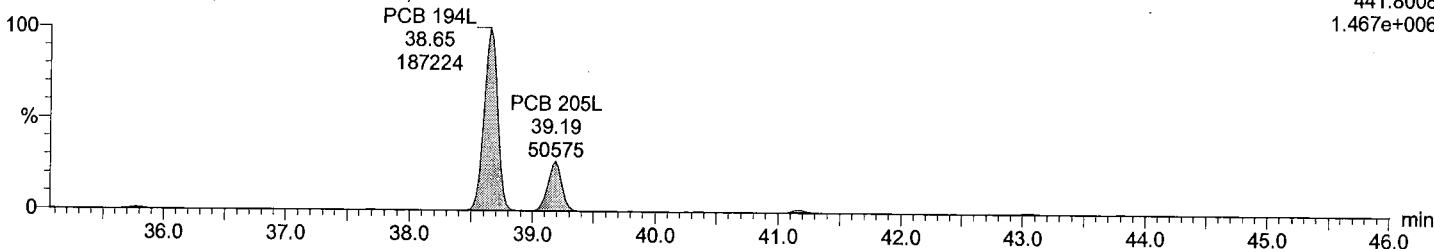


Total OcCB labeled F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F7:Voltage SIR,EI+

441.8008  
1.467e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

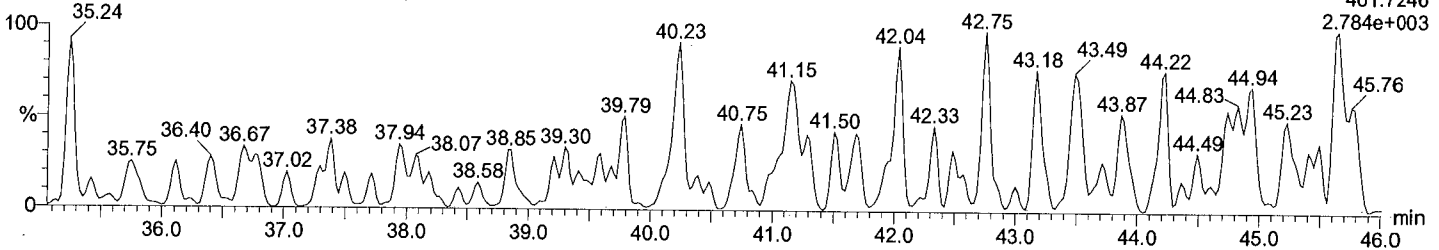
Time: 22:01:49

Instrument:

Total NoCB F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

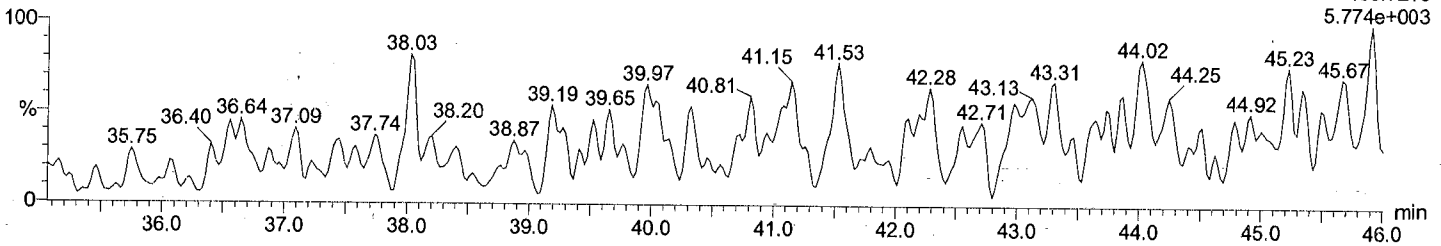
F7:Voltage SIR,EI+  
461.7246  
2.784e+003



Total NoCB F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

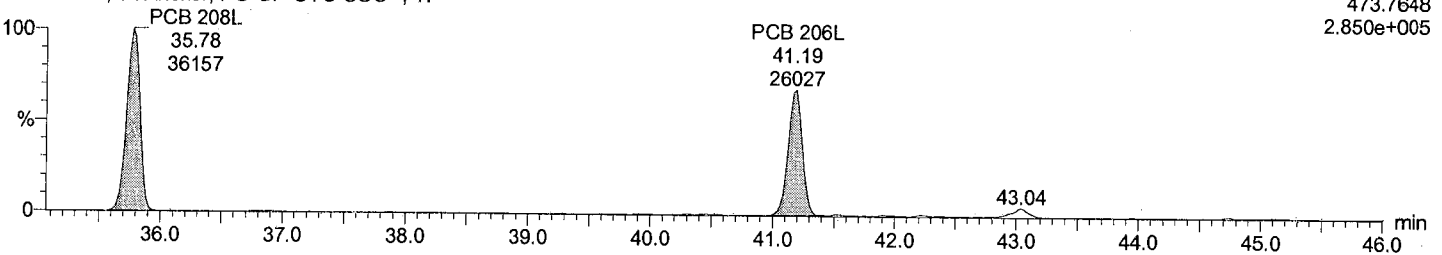
F7:Voltage SIR,EI+  
463.7216  
5.774e+003



Total NoCB labeled F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

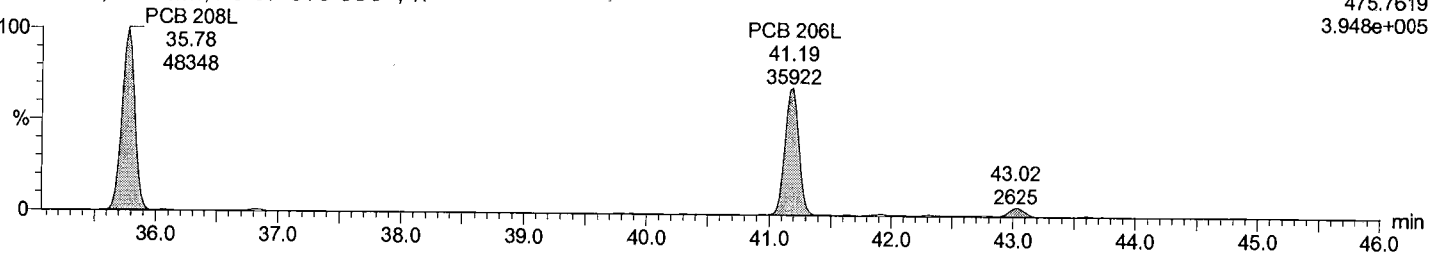
F7:Voltage SIR,EI+  
473.7648  
2.850e+005



Total NoCB labeled F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

F7:Voltage SIR,EI+  
475.7619  
3.948e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

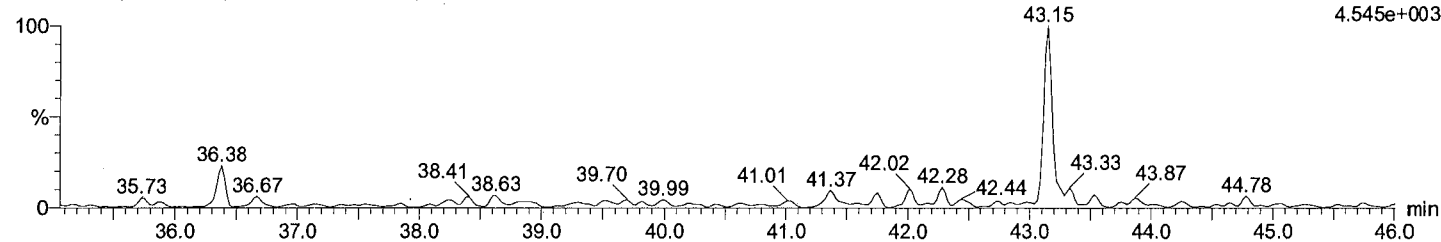
Time: 22:01:49

Instrument:

Total DeCB F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

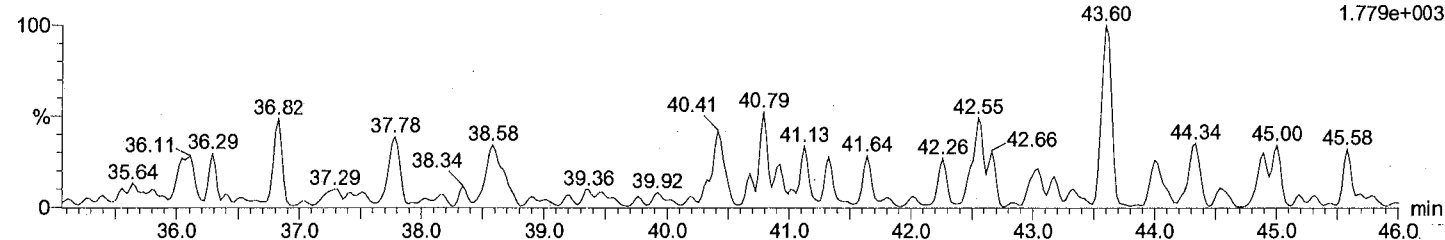
F7:Voltage SIR,EI+  
497.6826  
4.545e+003



Total DeCB F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

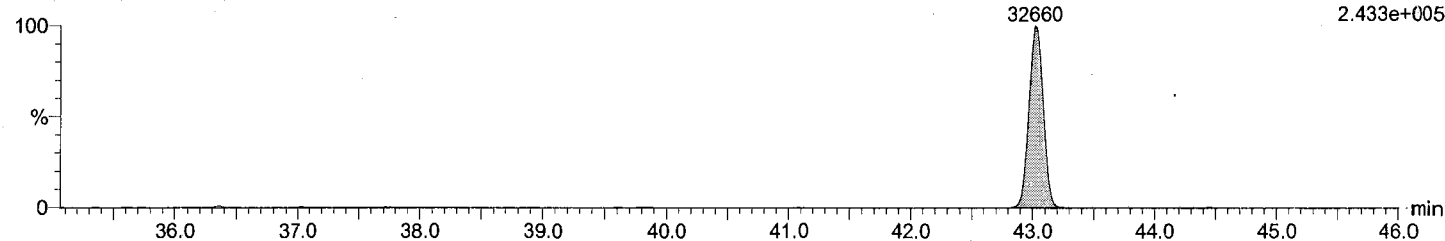
F7:Voltage SIR,EI+  
499.6797  
1.779e+003



Total DeCB labeled F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

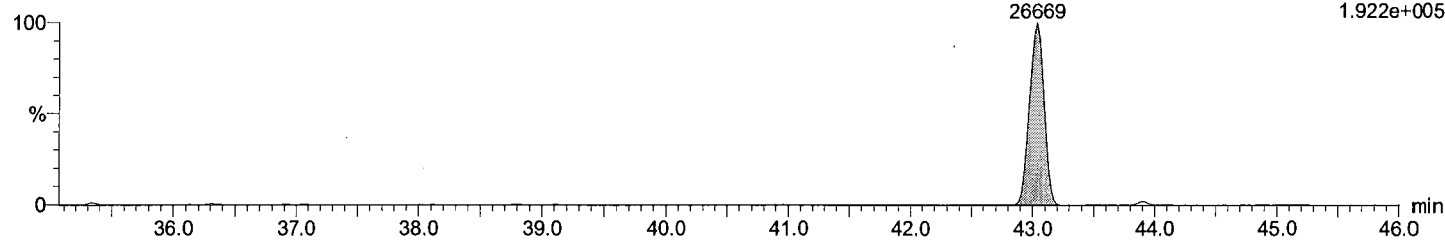
PCB 209L  
43.02  
32660  
F7:Voltage SIR,EI+  
509.7229  
2.433e+005



Total DeCB labeled F7

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

PCB 209L  
43.04  
26669  
F7:Voltage SIR,EI+  
511.7199  
1.922e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM

Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x

Vial: 5

Date: 09-Jun-2017

Time: 22:01:49

Instrument:

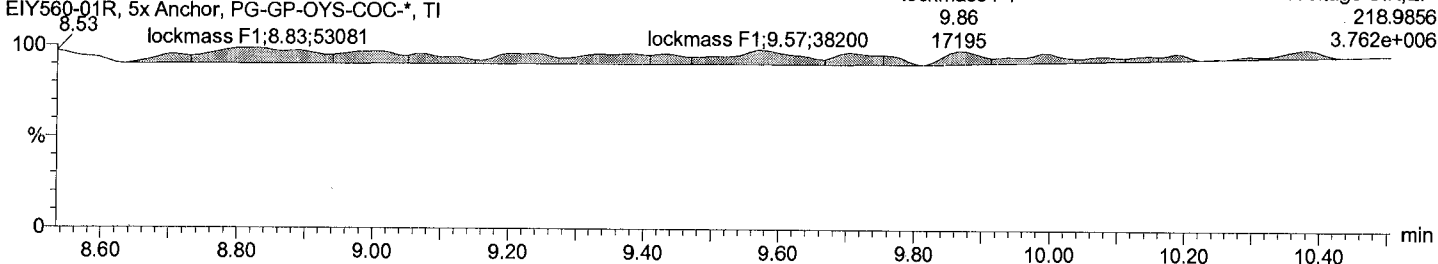
lockmass F1

M1170609B05 Smooth(SG,3x1)

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

lockmass F1

F1:Voltage SIR,EI+



lockmass F2

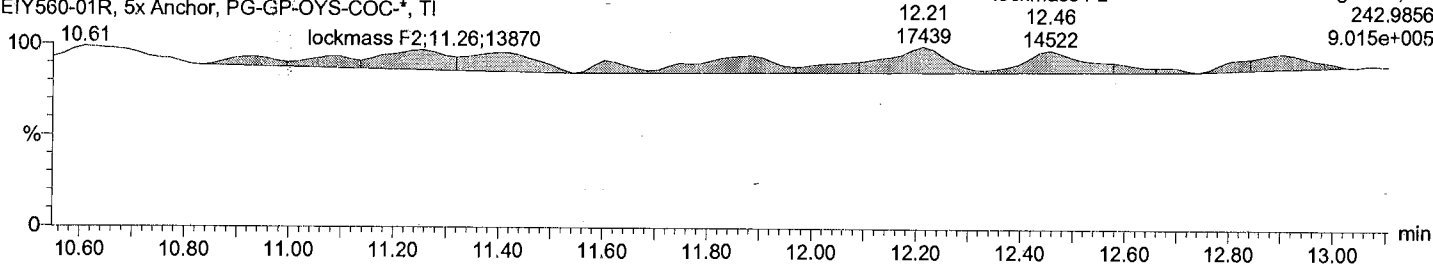
M1170609B05 Smooth(SG,3x1)

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

lockmass F2

lockmass F2

F2:Voltage SIR,EI+

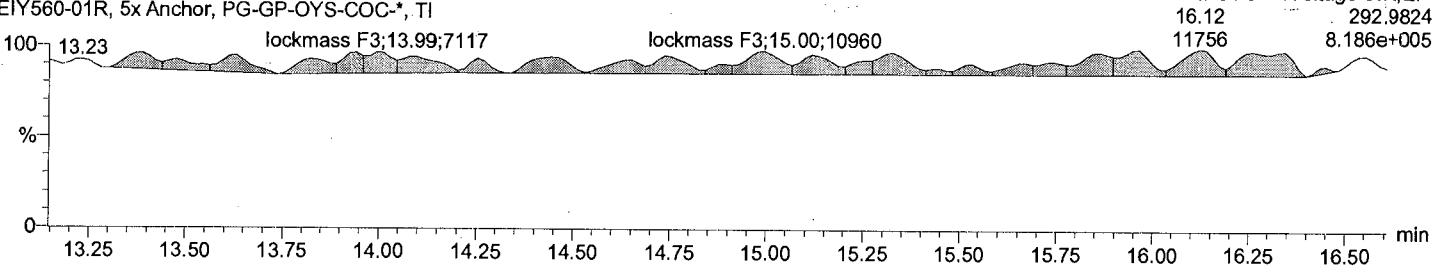


lockmass F3

M1170609B05 Smooth(SG,3x1)

EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

lockmass F3F3:Voltage SIR,EI+



lockmass F4

M1170609B05 Smooth(SG,3x1)

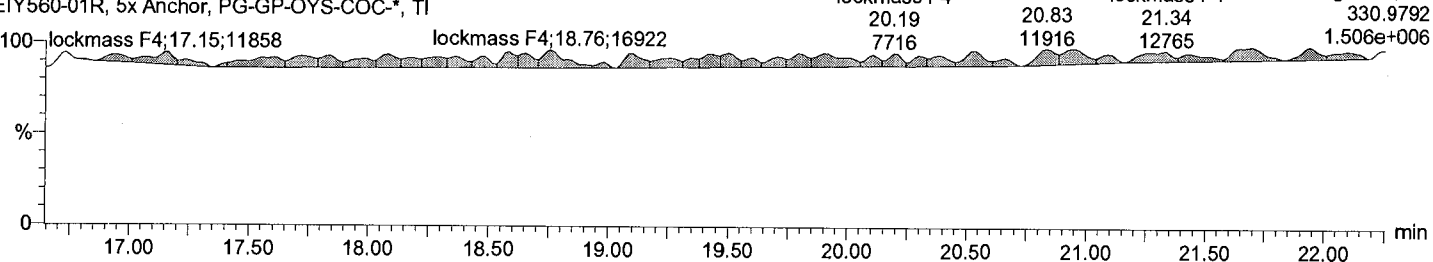
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI

lockmass F4

lockmass F4

lockmass F4

F4:Voltage SIR,EI+



**Quantify Sample Report**

Acquired Date

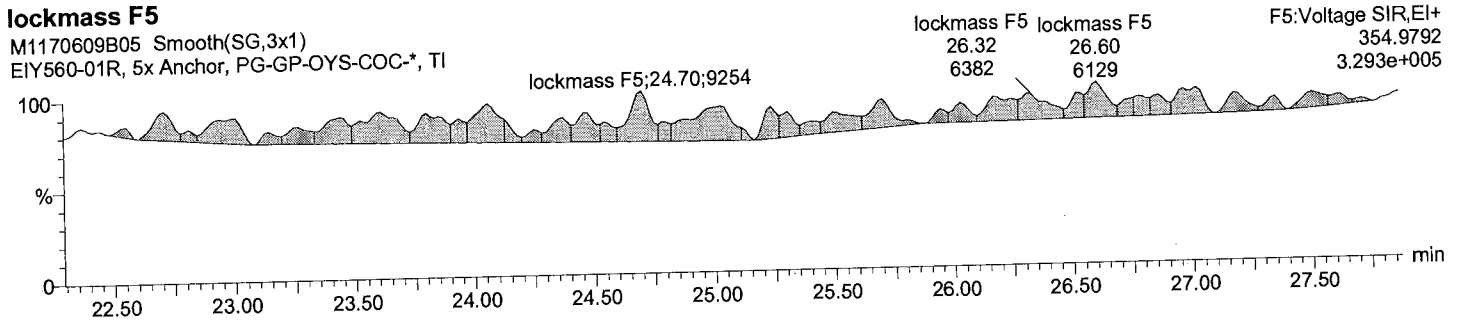
Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:42:21 AM  
Printed: Monday, June 12, 2017 9:43:10 AM

Description: EIY560-01R, 5x  
Vial: 5  
Date: 09-Jun-2017  
Time: 22:01:49  
Instrument:

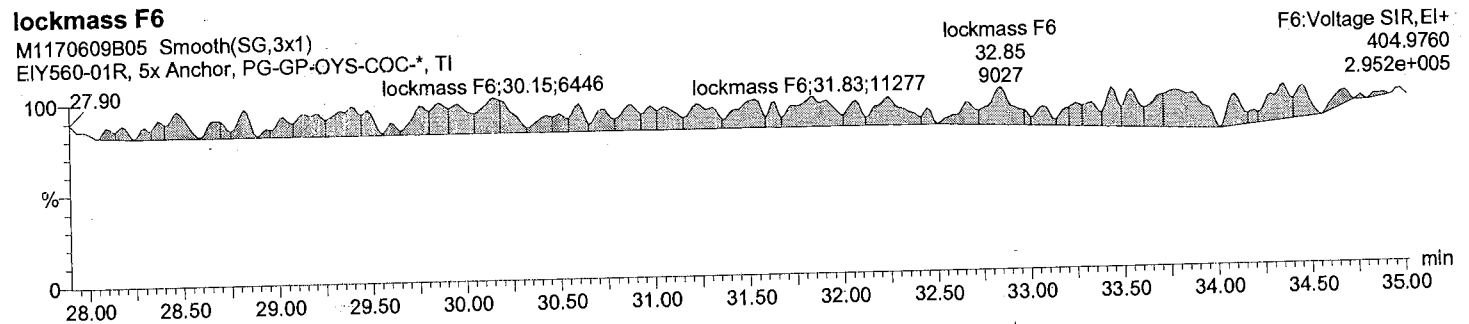
**lockmass F5**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI



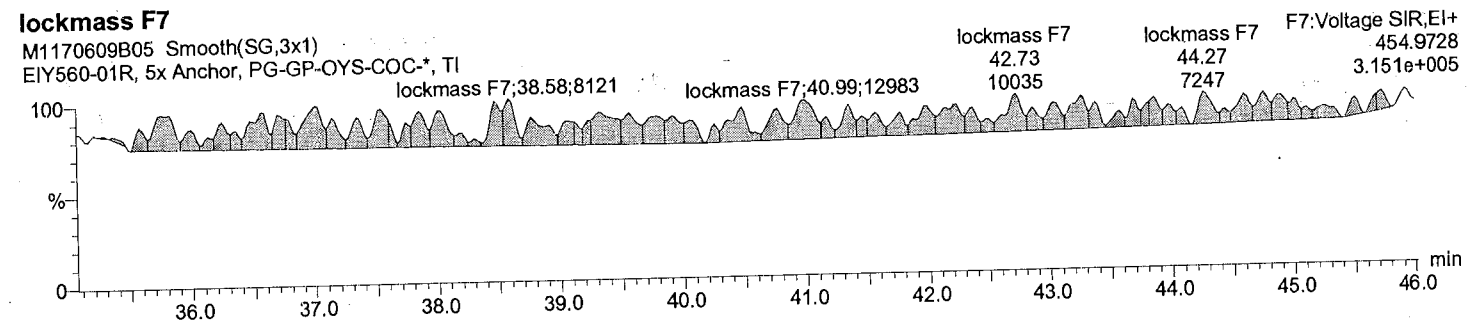
**lockmass F6**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI



**lockmass F7**

M1170609B05 Smooth(SG,3x1)  
EIY560-01R, 5x Anchor, PG-GP-OYS-COC-\*, TI



Filename M1170609B06  
 Acquired 06/09/2017 22:51

Call File PCB209\_M1170609B

Sample ID EIY561-01R, 5x  
 Comments  
 Instrument File Ultima 1  
 Sample Size 10.005

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	Isomers	DL	S/N	Mod no	rf 1.053	Rec
1 PCB 1	188	NotFnd	*	*	*				0.001		no	1.198	-
2 PCB 2	MoCB 190	8.83	*	no	*				0.001		no	1.055	-
3 PCB 3	188	NotFnd	*	*	*				0.005		no	1.191	-
4 PCB 4	MoCB 190	9.92	*	no	*				0.003		no	1.156	-
5 PCB 10	222	NotFnd	*	*	*				0.006		no	1.544	-
6 PCB 9	DICB 224	10.12	*	no	*				0.007		no	1.399	-
7 PCB 7	222	NotFnd	*	*	*				0.007		no	1.424	-
8 PCB 6	DICB 224	11.01	*	no	*				0.006		no	1.462	-
9 PCB 5	222	NotFnd	*	*	*				0.006		no	1.443	-
10 PCB 8	DICB 224	11.19	*	no	*				0.006		no	1.506	-
11 PCB 14	222	NotFnd	*	*	*				0.007		no	1.42	-
12 PCB 11	DICB 224	12.05	*	no	*				0.008		no	1.443	-
13 PCB 13/12	222	NotFnd	*	*	*				0.008		no	0.956	-
14 PCB 15	DICB 224	12.42	*	no	*				0.005		no	1.06	-
15 PCB 19	256	NotFnd	*	*	*				0.003		no	1.033	-
16 PCB 30/18	TriCB 258	11.48	*	no	*				0.004		no	0.838	-
17 PCB 17	256	NotFnd	*	*	*				0.003		no	1.164	-
18 PCB 27	TriCB 258	12.27	*	no	*				0.002		no	1.35	-
19 PCB 24	256	NotFnd	*	*	*				0.005		no	0.606	-
20 PCB 16	TriCB 258	12.48	*	no	*				0.005		no	0.606	-
21 PCB 32	256	NotFnd	*	*	*				0.005		no	0.606	-
22 PCB 34	TriCB 258	12.61	*	no	*				0.002		no	1.334	-
23 PCB 23	256	NotFnd	*	*	*				0.002		no	1.334	-
24 PCB 26/29	TriCB 258	12.69	*	no	*				0.001		no	1.427	-
25 PCB 25	256	NotFnd	*	*	*				0.001		no	1.32	-
26 PCB 31	TriCB 258	13.48	*	no	*				0.001		no	1.443	-
27 PCB 28/20	256	NotFnd	*	*	*				0.001		no	1.443	-
28 PCB 21/33	TriCB 258	13.56	*	no	*				0.001		no	1.389	-
29 PCB 22	256	NotFnd	*	*	*				0.001		no	1.389	-
30 PCB 36	TriCB 258	13.72	*	no	*				0	32	no	1.527	-
31 PCB 39	256	NotFnd	*	*	*				0	30	no	1.527	-
32 PCB 38	TriCB 258	13.85	1260	0.81	2815	0.003996			0.001	72	no	1.441	-
33 PCB 35	256	NotFnd	1555	1.11	4341	0.006529			0.001	41	no	1.391	-
34 PCB 37	TriCB 258	14.01	2288	1.11	4341	0.006529			0.001		no	1.391	-
35 PCB 54	256	NotFnd	2053	yes	*				0.001		no	1.357	-
36 PCB 53/50	TriCB 258	14.16	*	no	*				0.001		no	1.632	-
37 PCB 45/51	256	NotFnd	*	*	*				0		no	1.632	-
38 PCB 46	TriCB 258	14.27	*	no	*				0.001		no	1.448	-
39 PCB 52	256	NotFnd	*	*	*				0.001		no	1.448	-
40 PCB 73	TriCB 258	14.47	*	no	*				0.001		no	1.474	-
41 PCB 43	256	NotFnd	*	*	*				0.001		no	1.474	-
42 PCB 69/49	TriCB 258	15.30	*	no	*				0.001		no	1.4	-
	256	NotFnd	*	*	*				0.001		no	1.4	-
	TriCB 258	15.50	*	no	*				0.001		no	0.951	-
	256	NotFnd	*	*	*				0.001		no	0.951	-
	TriCB 258	15.87	*	no	*				0.001		no	1.071	-
	256	NotFnd	*	*	*				0.001		no	1.071	-
	TriCB 258	16.10	*	no	*				0.001		no	0.861	-
	256	NotFnd	*	*	*				0.001		no	0.861	-
	TriCB 258	16.36	*	no	*				0.001		no	0.832	-
	290	NotFnd	*	*	*				0.001		no	0.832	-
	TCB 292	12.82	*	no	*				0.001		no	0.718	-
	290	NotFnd	*	*	*				0.002		no	0.718	-
	TCB 292	13.86	*	no	*				0.002		no	0.718	-
	290	NotFnd	*	*	*				0.001	75	no	0.961	-
	TCB 292	14.21	*	no	*				0.001	28	no	0.961	-
	290	NotFnd	*	*	*				0.001		no	1.012	-
	TCB 292	14.35	3031	0.87	6525	0.011895			0.001		no	1.012	-
	290	NotFnd	3494	yes	*				0.001		no	0.787	-
	TCB 292	15.08	*	no	*				0.002		no	0.787	-
	290	NotFnd	*	*	*				0.002		no	0.787	-
	TCB 292	15.14	*	no	*				0.001	23	no	0.953	-
	290	NotFnd	*	*	*				0.001	10	no	0.953	-
	TCB 292	15.21	1033	0.81	2308	0.004243			0.001		no	0.953	-
	290	NotFnd	1275	yes	*								
	TCB 292	15.33	*	*	*								

43 PCB 48	290	NotFnd	*	*	*		0.001		no	0.848	-
	TCB 292	15.50	*	no	*		0.001	52	no	0.917	-
44 PCB 44/47/65	290	15.67	2446	0.82	5432	0.01038		20	no	1.12	-
	TCB 292	15.64	2986	yes	*		0.001		no	0.728	-
45 PCB 59/62/75	290	NotFnd	*	no	*		0.002		no	0.85	-
	TCB 292	15.83	*	*	*		0.001	26	no	1.079	-
46 PCB 42	290	NotFnd	*	no	*		0.001	8	no	1.426	-
	TCB 292	15.94	*	no	*		0.001		no	1.39	-
47 PCB 40/41/71	290	16.24	1274	1.11	2418	0.004983			no	1.359	-
	TCB 292	16.23	1144	no	*		0.001		no	1.206	-
48 PCB 64	290	NotFnd	*	no	*		0.001		no	1.485	-
49 PCB 72	TCB 292	16.37	*	no	*		0.001		no	1.419	-
50 PCB 68	290	NotFnd	*	*	*		0.001		no	1.318	-
	TCB 292	17.08	*	no	*		0.001	48	no	1.384	-
51 PCB 57	290	NotFnd	*	*	*		0.001	25	no	1.248	-
	TCB 292	17.36	*	no	*		0.001	43	no	1.286	-
52 PCB 58	290	NotFnd	*	*	*		0.001	22	no	1.277	-
	TCB 292	17.50	*	no	*		0.001		no	1.5	-
53 PCB 67	290	NotFnd	*	*	*		0.001		no	1.544	-
	TCB 292	17.59	*	no	*		0.001		no	1.394	-
54 PCB 63	290	NotFnd	*	*	*		0.001		no	1.02	-
	TCB 292	17.76	*	no	*		0.001		no	1.016	-
55 PCB 61/70/74/76	290	17.98	4005	0.79	9098	0.012089			no	1.194	-
	TCB 292	18.01	5093	yes	*		0.001		no	0.819	-
56 PCB 66	290	18.20	2781	0.83	6129	0.007755			no	0.834	-
	TCB 292	18.24	3349	yes	*		0.001		no	0.668	-
57 PCB 55	290	NotFnd	*	no	*		0.001		no	0.789	-
	TCB 292	18.36	*	*	*		0.001	35	no	0.724	-
58 PCB 56	290	NotFnd	*	no	*		0.001	29	no	0.739	-
	TCB 292	18.70	*	*	*		0.001		no	0.66	-
59 PCB 60	290	NotFnd	*	no	*		0.001		no	0.717	-
	TCB 292	18.87	*	*	*		0.001		no	0.972	-
60 PCB 80	290	NotFnd	*	no	*		0.001		no	0.75	-
	TCB 292	19.10	*	*	*		0.001		no	0.856	-
61 PCB 79	290	NotFnd	*	*	*		0.001		no	0.765	-
	TCB 292	20.23	*	no	*		0.001		no	0.907	-
62 PCB 78	290	NotFnd	*	*	*		0.001		no	0.874	-
	TCB 292	20.67	*	*	*		0.001	36	no	0.912	-
63 PCB 81	290	NotFnd	*	no	*		0.001	18	no	0.93	-
	TCB 292	21.01	*	*	*		0.001	85	no	0.681	-
64 PCB 77	TCB 292	21.44	*	no	*		0	53	no	1.022	-
65 PCB 104	326	NotFnd	*	*	*		0		no	1.091	-
66 PCB 96	PeCB 328	15.64	*	no	*		0.001		no	1.201	-
67 PCB 103	326	NotFnd	*	*	*		0.001		no	1.375	-
	PeCB 328	15.85	*	no	*		0.001		no	0.921	-
68 PCB 94	326	NotFnd	*	*	*		0.001		no	1.282	-
	PeCB 328	16.98	*	no	*		0.001		no	1.028	-
69 PCB 95	326	NotFnd	*	no	*		0.001		no		-
	PeCB 328	17.12	2645	1.29	4696	0.009804			no		-
	326	17.41	2052	no	*		0.001		no		-
70 PCB 100/93/102/98	326	NotFnd	*	*	*		0.001		no		-
	PeCB 328	17.54	*	no	*		0.001		no		-
71 PCB 88/91	326	NotFnd	*	*	*		0.001		no		-
	PeCB 328	17.95	*	no	*		0.001		no		-
72 PCB 84	326	NotFnd	*	*	*		0.001		no		-
	PeCB 328	18.12	*	no	*		0.001		no		-
73 PCB 89	326	NotFnd	*	*	*		0.001		no		-
	PeCB 328	18.45	*	no	*		0.001		no		-
74 PCB 121	326	NotFnd	*	*	*		0.001		no		-
	PeCB 328	18.70	*	no	*		0.001		no		-
75 PCB 92	326	NotFnd	*	*	*		0.001		no		-
	PeCB 328	18.96	*	no	*		0.001	92	no		-
76 PCB 113/90/101	326	19.41	7555	1.34	13214	0.025455		79	no		-
	PeCB 328	19.38	5659	yes	*		0.001	60	no		-
77 PCB 83/99	326	19.85	5075	1.9	7748	0.016685		38	no		-
	PeCB 328	19.84	2673	no	*		0.001		no		-
78 PCB 112	326	NotFnd	*	*	*		0.001		no		-
	PeCB 328	19.92	*	no	*		0.001	36	no		-
79 PCB 109/119/86/97/125	326	20.25	3634	1.61	5893	0.011108		18	no		-
	PeCB 328	20.21	2259	yes	*		0.001	85	no		-
80 PCB 117/116/85	326	20.90	7842	1.88	12003	0.021699		53	no		-
	PeCB 328	20.76	4161	no	*		0.001		no		-
81 PCB 110/115	326	NotFnd	*	*	*		0.001		no		-
	PeCB 328	20.88	*	no	*		0.001		no		-
82 PCB 82	326	NotFnd	*	*	*		0.001		no		-
	PeCB 328	21.15	*	no	*		0.001		no		-
83 PCB 111	326	NotFnd	*	*	*		0.001		no		-
	PeCB 328	21.45	*	no	*		0.001		no		-
84 PCB 120	326	NotFnd	*	*	*		0		no		-
	PeCB 328	21.81	*	no	*		0		no		-
85 PCB 108/124	326	NotFnd	*	*	*		0		no		-
	PeCB 328	22.78	*	no	*		0.001		no		-
86 PCB 107	326	NotFnd	*	*	*		0.001		no		-
	PeCB 328	22.98	*	no	*		0		no		-
87 PCB 123	326	NotFnd	*	*	*		0		no		-
	PeCB 328	23.08	*	no	*		0.001		no		-
88 PCB 106	326	NotFnd	*	*	*		0.001	142	no		-
	PeCB 328	23.19	8936	1.58	14585	0.020413		105	no		-
89 PCB 118	326	23.35	5649	yes	*		0.001		no		-
	PeCB 328	23.33	*	*	*						-



90 PCB 122	326	NotFnd	*	*	*	0.001	no	1.158	-	
	PeCB 328	23.63	*	no	*	0.001	no	1.023	-	
91 PCB 114	326	NotFnd	*	*	*	0.001	no	1.024	-	
	PeCB 328	23.82	*	no	*	0	no	1.256	-	
92 PCB 105	326	NotFnd	*	*	*	0.001	no	1.093	-	
	PeCB 328	24.38	*	no	*	0	no	1.103	-	
93 PCB 127	326	NotFnd	*	*	*	0	no	0.849	-	
	PeCB 328	25.69	*	no	*	0	no	0.77	-	
94 PCB 126	326	NotFnd	*	*	*	0	no	0.816	-	
	PeCB 328	27.22	*	no	*	0	no	0.755	-	
95 PCB 155	360	NotFnd	*	*	*	0.001	no	0.617	-	
	HxCB 362	19.26	*	no	*	0.001	74	no	0.6	-
96 PCB 152	360	NotFnd	*	*	*	0	50	no	0.691	-
	HxCB 362	19.40	*	no	*	0	no	0.618	-	
97 PCB 150	360	NotFnd	*	*	*	0.002	no	0.809	-	
	HxCB 362	19.53	*	no	*	0.002	no	0.889	-	
98 PCB 136	360	NotFnd	*	*	*	0.002	no	0.804	-	
	HxCB 362	19.78	*	no	*	0.002	no	0.649	-	
99 PCB 145	360	NotFnd	*	*	*	0.002	no	0.718	-	
	HxCB 362	20.03	*	no	*	0.002	no	0.7	-	
100 PCB 148	360	NotFnd	*	*	*	0.002	no	0.786	-	
	HxCB 362	21.13	*	no	*	0.001	no	0.992	-	
101 PCB 151/135	360	21.63	2247	1.32	3954	0.012434	no	0.895	-	
	HxCB 362	21.61	1707	yes	*	0	no	1.015	-	
102 PCB 154	360	NotFnd	*	*	*	0.001	no	0.993	-	
	HxCB 362	21.82	*	no	*	0.001	no	0.784	-	
103 PCB 144	360	NotFnd	*	*	*	0.002	no	0.716	-	
	HxCB 362	22.07	*	no	*	0.002	no	0.675	-	
104 PCB 147/149	360	NotFnd	*	*	*	0.001	no	1.109	-	
	HxCB 362	22.36	*	no	*	0.002	no	0.847	-	
105 PCB 134/143	360	NotFnd	*	*	*	0.002	113	no	0.943	-
	HxCB 362	22.61	*	no	*	0.002	96	no	1.103	-
106 PCB 139/140	360	NotFnd	*	*	*	0.001	no	0.934	-	
	HxCB 362	22.88	*	no	*	0.001	no	1.254	-	
107 PCB 131	360	NotFnd	*	*	*	0	no	1.204	-	
	HxCB 362	23.05	*	no	*	0	no	1.103	-	
108 PCB 142	360	NotFnd	*	*	*	0	no	1.047	-	
	HxCB 362	23.19	*	no	*	0	no	1.04	-	
109 PCB 132	360	NotFnd	*	*	*	0.001	no	1.069	-	
	HxCB 362	23.44	*	no	*	0	no	1.122	-	
110 PCB 133	360	NotFnd	*	*	*	0	no	1.054	-	
	HxCB 362	23.86	*	no	*	0	no	1.032	-	
111 PCB 165	360	NotFnd	*	*	*	0.001	no	0.965	-	
	HxCB 362	24.22	*	no	*	0.001	no	0.77	-	
112 PCB 146	360	NotFnd	*	*	*	0.001	no	0.803	-	
	HxCB 362	24.43	*	no	*	0.001	no	0.814	-	
113 PCB 161	360	NotFnd	*	*	*	0.001	76	no	0.814	-
	HxCB 362	24.54	*	no	*	0.001	183	no	0.797	-
114 PCB 153/168	360	NotFnd	*	*	*	0	no	0.797	-	
	HxCB 362	25.01	*	no	*	0	no			
115 PCB 141	360	NotFnd	*	*	*	0.002	no			
	HxCB 362	25.15	*	no	*	0.002	no			
116 PCB 130	360	NotFnd	*	*	*	0.002	no			
	HxCB 362	25.53	*	no	*	0.002	no			
117 PCB 137	360	NotFnd	*	*	*	0.001	no			
	HxCB 362	25.76	*	no	*	0.001	no			
118 PCB 164	360	NotFnd	*	*	*	0.002	no			
	HxCB 362	25.85	*	no	*	0.002	no			
119 PCB 138/163/129	360	26.13	11417	1.17	21194	0.047182	no			
	HxCB 362	26.17	9777	yes	*	0.001	no			
120 PCB 160	360	NotFnd	*	*	*	0.001	no			
	HxCB 362	26.31	*	no	*	0.001	no			
121 PCB 158	360	NotFnd	*	*	*	0.001	no			
	HxCB 362	26.49	*	no	*	0	no			
122 PCB 128/166	360	NotFnd	*	*	*	0	no			
	HxCB 362	27.33	*	no	*	0	no			
123 PCB 159	360	NotFnd	*	*	*	0	no			
	HxCB 362	28.29	*	no	*	0	no			
124 PCB 162	360	NotFnd	*	*	*	0	no			
	HxCB 362	28.55	*	no	*	0	no			
125 PCB 167	360	NotFnd	*	*	*	0	no			
	HxCB 362	29.04	*	no	*	0	no			
126 PCB 156/157	360	NotFnd	*	*	*	0.001	no			
	HxCB 362	30.20	*	no	*	0	no			
127 PCB 169	360	NotFnd	*	*	*	0	no			
	HxCB 362	33.58	*	no	*	0	no			
128 PCB 188	394	NotFnd	*	*	*	0	no			
	HpCB 396	23.80	*	no	*	0	no			
129 PCB 179	394	NotFnd	*	*	*	0	no			
	HpCB 396	24.09	*	no	*	0	no			
130 PCB 184	394	NotFnd	*	*	*	0	no			
	HpCB 396	24.57	*	no	*	0	no			
131 PCB 176	394	NotFnd	*	*	*	0	no			
	HpCB 396	24.87	*	no	*	0.001	no			
132 PCB 186	394	NotFnd	*	*	*	0.001	no			
	HpCB 396	25.28	*	no	*	0.001	no			
133 PCB 178	394	NotFnd	*	*	*	0.001	no			
	HpCB 396	26.56	*	no	*	0.001	no			
134 PCB 175	394	NotFnd	*	*	*	0.001	76	no	0.814	-
	HpCB 396	27.16	*	no	*	0.001	183	no	0.797	-
135 PCB 187	394	27.42	3748	1	7477	0.016997	no			
	HpCB 396	27.40	3728	yes	*	0.001	no			
136 PCB 182	394	NotFnd	*	*	*		no			
	HpCB 396	27.61	*	no	*		no			

137 PCB 183	394	NotFnd	*	*	*	0.001	no	1.01	-
	HpCB 396	27.99	*	no	*	0.002	no	0.813	-
138 PCB 185	394	NotFnd	*	*	*	0.002	no	0.901	-
	HpCB 396	28.08	*	no	*	0.002	no	0.878	-
139 PCB 174	394	NotFnd	*	no	*	0.002	11	no	0.878
	HpCB 396	28.24	*	no	3117	0.00657	27	no	0.887
140 PCB 177	394	28.67	1623	1.09	*	0.002		no	0.854
	HpCB 396	28.65	1493	yes	*	0.002		no	0.869
141 PCB 181	394	NotFnd	*	no	*	0.002		no	1.06
	HpCB 396	29.06	*	*	*	0.002		no	1.172
142 PCB 171/173	394	NotFnd	*	no	*	0.002		no	1.186
	HpCB 396	29.28	*	*	*	0.001		no	1.171
143 PCB 172	394	NotFnd	*	no	*	0.001		no	1.165
	HpCB 396	30.93	*	*	*	0		no	0.922
144 PCB 192	394	NotFnd	*	no	*	0.001	18	no	1.031
	HpCB 396	31.24	3306	1.13	6222	0.010931	45	no	1.078
145 PCB 193/180	394	31.63	3306	1.13	6222	0.010931		no	1.06
	HpCB 396	31.59	2916	yes	*	0.001		no	1.082
146 PCB 191	394	NotFnd	*	no	*	0.002		no	1.016
	HpCB 396	31.97	*	*	*	0.001		no	0.777
147 PCB 170	394	NotFnd	*	no	*	0.001		no	0.819
	HpCB 396	32.94	*	*	*	-0.00558	4	yes	0.825
148 PCB 190	394	NotFnd	*	no	*	-0.00554	*	no	0.931
	HpCB 396	33.50	*	*	*	-0.0022	*	no	0.962
149 PCB 189	394	NotFnd	*	no	*	-0.00213	4	yes	0.962
	HpCB 396	36.35	*	*	*	-0.00206	4	no	0.992
150 PCB 202	428	NotFnd	*	no	*	-0.00443	*	no	1.042
	OcCB 430	28.80	*	*	*	-0.00424	*	no	1.302
151 PCB 201	428	NotFnd	*	no	*	-0.00424	*	no	1.017
	OcCB 430	29.72	*	no	*	-0.00431	*	no	1.026
152 PCB 204	428	NotFnd	*	no	*	-0.00431	*	no	0.997
	OcCB 430	30.41	*	no	*	-0.00422	*	no	1.05
153 PCB 197	428	NotFnd	*	no	*	-0.0045	*	no	1.05
	OcCB 430	30.64	*	no	*	-0.0045	*	no	0.464
154 PCB 200	428	NotFnd	*	no	*	-0.00558	4	yes	0.43
	OcCB 430	30.75	1521	0.79	3444	0.008305	4	no	0.819
155 PCB 198/199	428	33.70	1521	0.79	3444	0.008305		no	0.825
	OcCB 430	33.69	1922	yes	*	-0.00558	*	no	0.931
156 PCB 196	428	NotFnd	*	no	*	-0.00554	*	no	0.962
	OcCB 430	34.40	*	no	*	-0.00554	*	no	0.992
157 PCB 203	428	NotFnd	*	no	*	-0.0022	*	no	1.042
	OcCB 430	34.60	*	no	*	-0.0022	*	no	1.302
158 PCB 195	428	NotFnd	*	no	*	-0.0022	*	no	1.017
	OcCB 430	36.05	855	1.02	1696	0.003304	4	yes	1.026
159 PCB 194	428	38.69	855	1.02	1696	0.003304		no	1.042
	OcCB 430	38.68	841	yes	*	-0.00206	*	no	1.302
160 PCB 205	428	NotFnd	*	no	*	0.002	14	no	1.017
	OcCB 430	39.22	*	no	3425	0.006538	9	no	1.026
161 PCB 208	462	35.80	1252	0.58	*	0.002		no	0.997
	NoCB 464	35.81	2173	no	*	0.002		no	1.05
162 PCB 207	462	NotFnd	*	no	*	0.002	13	no	1.017
	NoCB 464	36.85	*	no	3471	0.009481	9	no	1.026
163 PCB 206	462	41.19	1692	0.95	*	0	128	no	0.997
	NoCB 464	41.17	1778	no	4928	0.014196	90	no	1.05
164 PCB 209	498	43.06	2607	1.12	4928	0.014196	861	no	0.464
	DCB 500	43.08	2320	yes	66869	0.079669	23	no	0.43
165 PCB 1L	200	8.82	50558	3.1	66869	0.079669	800	no	1.05
	202	8.82	16310	yes	68247	0.077196	23	no	0.464
166 PCB 3L	200	10.00	49955	2.73	68247	0.077196	73	no	0.464
	202	9.99	18292	yes	33548	0.085821	303	no	1.168
167 PCB 4L	234	10.11	19941	1.47	33548	0.085821	181	no	1.168
	236	10.10	13607	yes	110246	0.112147	269	no	0.536
168 PCB 15L	234	12.70	67770	1.6	110246	0.112147	49	no	0.536
	236	12.69	42476	yes	48222	0.106908	45	no	1.848
169 PCB 19L	268	11.48	26136	1.18	48222	0.106908	85	no	1.848
	270	11.47	22086	yes	136254	0.158128	121	no	0.802
170 PCB 37L	268	16.35	67594	0.98	136254	0.158128	175	no	0.802
	270	16.35	68659	yes	46606	0.124602	603	no	1.597
171 PCB 54L	302	12.82	20113	0.76	46606	0.124602	207	no	1.597
	304	12.82	26492	yes	143472	0.192603	512	no	1.607
172 PCB 81L	302	20.99	64347	0.81	143472	0.192603	212	no	1.607
	304	20.97	79125	yes	152305	0.203225	518	no	0.912
173 PCB 77L	302	21.42	67866	0.8	152305	0.203225	1362	no	0.912
	304	21.42	84439	yes	67046	0.169088	1249	no	1.581
174 PCB 104L	338	15.62	40701	1.54	67046	0.169088	583	no	1.581
	340	15.65	26346	yes	139112	0.2023	765	no	1.51
175 PCB 123L	338	23.05	84873	1.57	139112	0.2023	589	no	1.51
	340	23.04	54239	yes	138919	0.211548	745	no	1.471
176 PCB 118L	338	23.33	84148	1.54	138919	0.211548	542	no	1.471
	340	23.33	54770	yes	126952	0.198396	663	no	1.488
177 PCB 114L	338	23.80	78740	1.63	126952	0.198396	569	no	1.488
	340	23.80	48212	yes	134477	0.207723	691	no	1.44
178 PCB 105L	338	24.35	83213	1.62	134477	0.207723	468	no	1.44
	340	24.36	51264	yes	120916	0.192963	631	no	1.01
179 PCB 126L	338	27.19	72507	1.5	120916	0.192963	2948	no	1.01
	340	27.17	48410	yes	85750	0.188313	2380	no	1.424
180 PCB 155L	372	19.24	47988	1.27	85750	0.188313	472	no	1.424
	374	19.26	37762	yes	125563	0.195632	403	no	1.495
181 PCB 167L	372	29.01	71166	1.31	125563	0.195632	787	no	1.495
	374	29.00	54398	yes	267635	0.397303	699	no	1.518
182 PCB 156L/157L	372	30.17	148497	1.25	267635	0.397303	274	no	1.518
	374	30.14	119138	yes	78847	0.115261	234	no	1.518
183 PCB 169L	372	33.55	43228	1.21	78847	0.115261		no	1.518
	374	33.54	35619	yes					

184 PCB 188L	406	23.78	57321	1.14	107379	0.208539	0.001	943	no	1.142	104
	408	23.78	50058	yes				1798			
	408	31.59	51407	1.12	97127	0.187954	0.001	474	no	1.343	94
185 PCB 180L	408	31.58	45719	yes				1189			
	406	32.90	41737	0.99	84092	0.191442	0.001	378	no	1.141	96
186 PCB 170L	408	32.89	42355	yes				1089			
	406	36.31	73678	1.05	143559	0.193978	0.002	354	no	1.823	97
187 PCB 189L	408	36.29	69881	yes				430			
	440	28.77	47229	0.85	102857	0.197548	0	2632	no	1.353	99
188 PCB 202L	442	28.76	55629	yes				2305			
	440	39.19	55104	1	110447	0.201549	0.001	589	no	1.424	101
189 PCB 205L	442	39.19	55343	yes				726			
	474	35.77	42672	0.74	100505	0.199455	0.001	1114	no	1.309	100
190 PCB 208L	474	35.79	57833	yes				537			
	474	41.17	31830	0.79	71984	0.202536	0.001	767	no	0.924	101
191 PCB 206L	476	41.20	40154	yes				356			
	510	43.04	36474	1.17	67609	0.212084	0	1374	no	0.828	106
192 PCB 209L	512	43.06	31135	yes				1818			
	268	14.13	71867	1.06	139656	0.152096	0.004	100	no	1.969	69
193 PCB 28L	270	14.13	67789	yes				135			
PCB Cleanup Standard	338	21.42	77024	1.61	125001	0.209301	0	1462	no	1.373	94
194 PCB 111L	340	21.41	47977	yes				1110			
PCB Cleanup Standard	406	26.53	38879	1.03	76443	0.231601	0.001	586	no	0.732	104
195 PCB 178L	408	26.52	37564	yes				1253			
PCB Cleanup Standard	268	NotFnd	*	*							
196 PCB 31L	270	13.98	*	no						0.916	
PCB Audit Standard	338	NotFnd	*	*							
197 PCB 95L	340	17.40	*	no							
PCB Audit Standard	372	24.98	1514	1.07	2926	0.005536	0.001	13	no	1.173	2
198 PCB 153L	374	24.98	1412	yes				18			
PCB Audit Standard	234	10.99	571704	1.58	934629	2.319042	-	1595	no	-	-
199 PCB 9L	236	11.00	362925	yes				2453			
PCB Recovery Standard	302	15.07	230315	0.8	517871	2.311123	-	1247	no	-	-
200 PCB 52L	304	15.05	287557	yes				3296			
PCB Recovery Standard	338	19.40	296089	1.58	483075	2.373741	-	5884	no	-	-
201 PCB 101L	340	19.36	186985	yes				4590			
PCB Recovery Standard	372	26.10	281339	1.28	500488	2.41249	-	2812	no	-	-
202 PCB 138L	374	26.07	219149	yes				3529			
PCB Recovery Standard	440	38.65	207873	0.95	427374	2.287425	-	2322	no	-	-
203 PCB 194L	442	38.59	219501	yes				2827			
PCB Recovery Standard											
Chlorobiphenyls							0	-0.001			
Dichlorobiphenyls							0	-0.008			
Trichlorobiphenyls							2	-0.005			
Tetrachlorobiphenyls							6	-0.002			
Pentachlorobiphenyls							6	-0.001			
Hexachlorobiphenyls							2	-0.002			
Heptachlorobiphenyls							3	-0.002			
Octachlorobiphenyls							2	-0.00588			
Nonachlorobiphenyls							2	-0.002			
Decachlorobiphenyl							1	0			
PCB (total)											

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Method: C:\MassLynx\Default.PRO\MethDB\1668A\_PCB209\_M1170609B.mdb 10 Jun 2017 07:47:44

Calibration: C:\MassLynx\Default.pro\Curvedb\PCB209\_M1170609B.cdb 10 Jun 2017 07:56:47

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

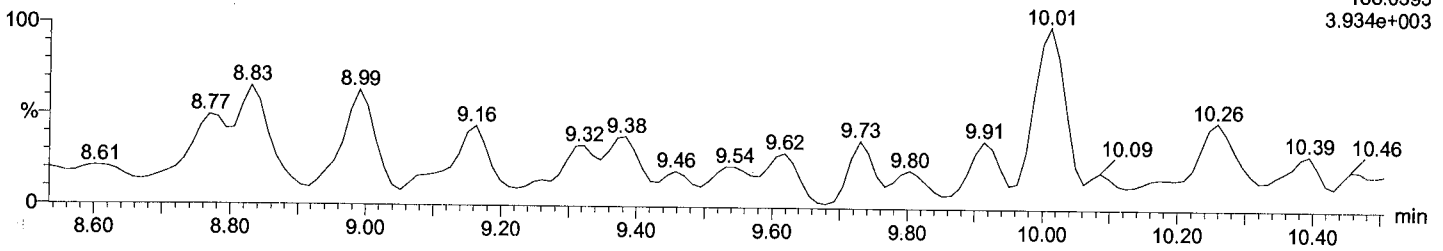
Time: 22:51:57

Instrument:

Total MoCB F1

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

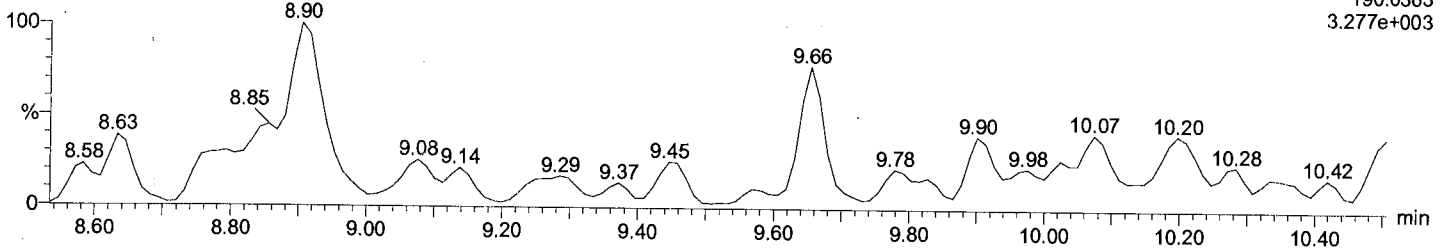
F1:Voltage SIR,EI+  
188.0393  
3.934e+003



Total MoCB F1

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

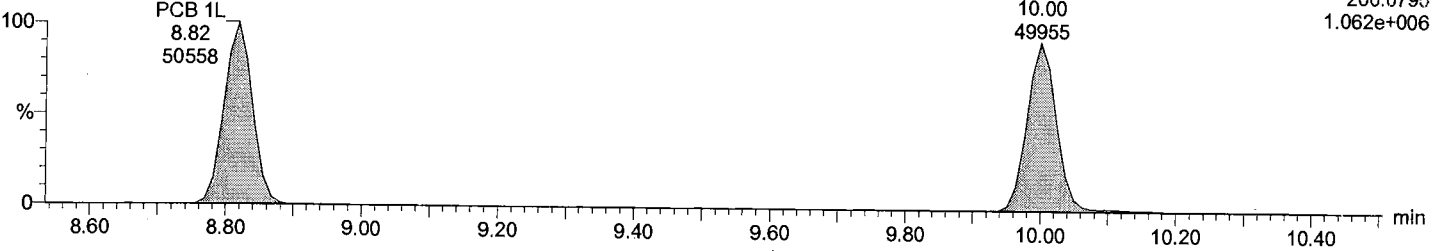
F1:Voltage SIR,EI+  
190.0363  
3.277e+003



Total MoCB labeled F1

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

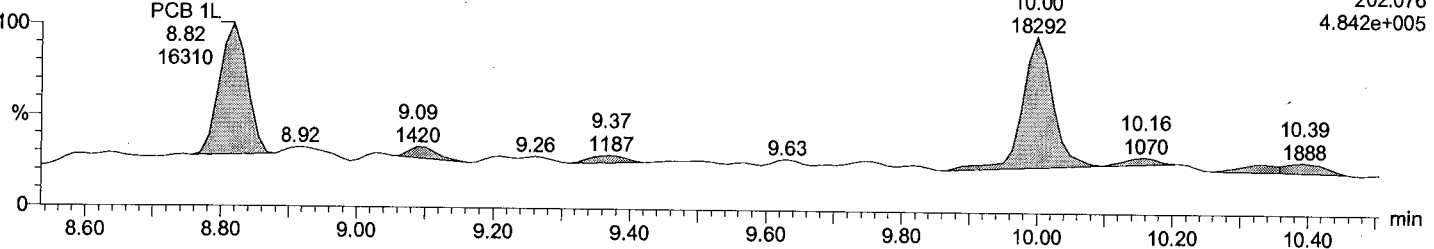
F1:Voltage SIR,EI+  
200.0795  
1.062e+006



Total MoCB labeled F1

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F1:Voltage SIR,EI+  
202.076  
4.842e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

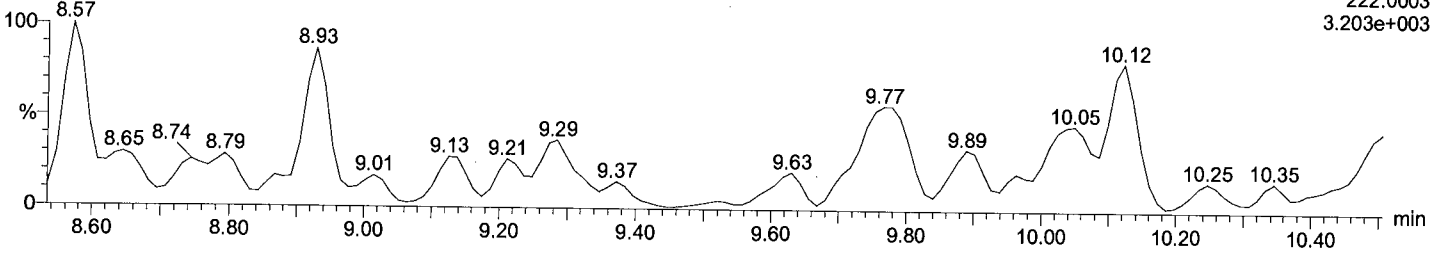
Time: 22:51:57

Instrument:

Total DiCB F1

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

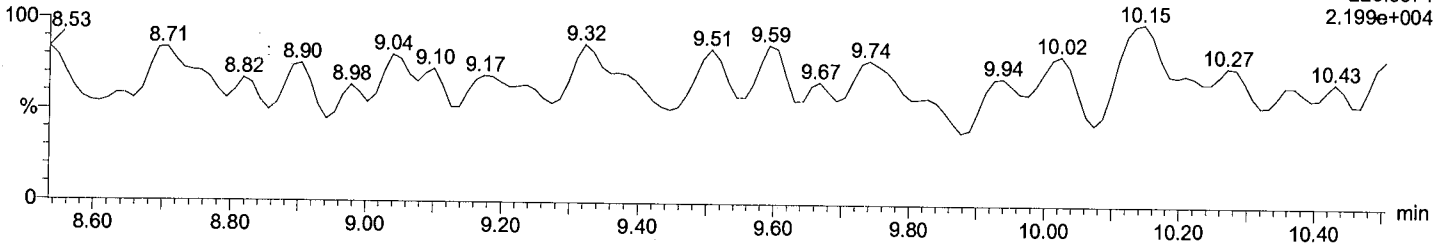
F1:Voltage SIR,EI+  
222.0003  
3.203e+003



Total DiCB F1

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

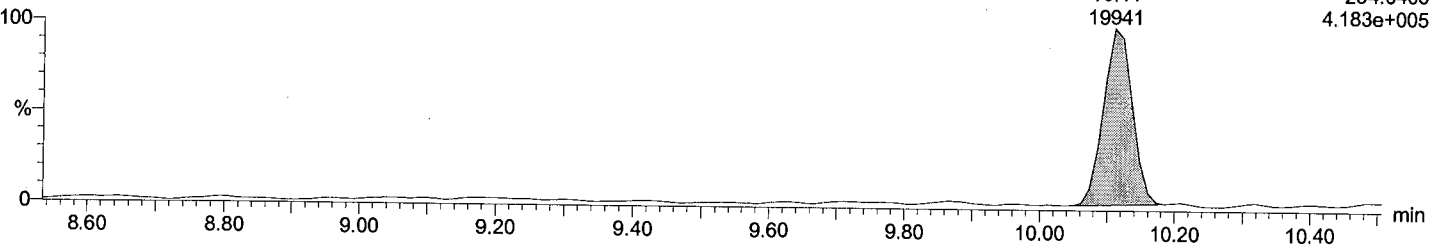
F1:Voltage SIR,EI+  
223.9974  
2.199e+004



Total DiCB labeled F1

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

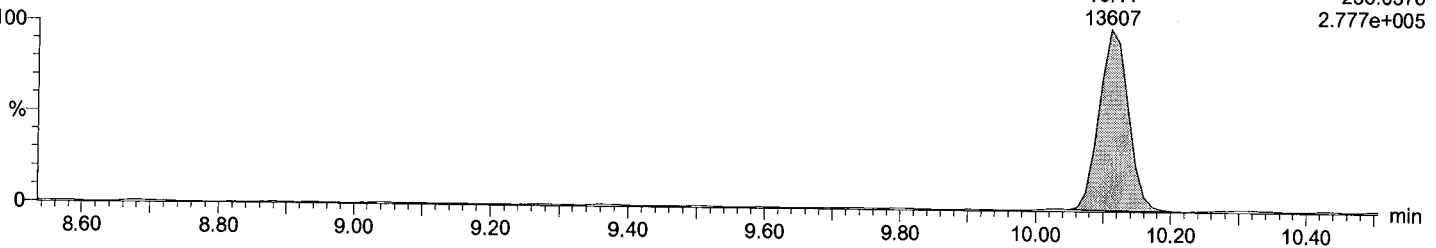
PCB 4L  
10.11  
19941  
F1:Voltage SIR,EI+  
234.0406  
4.183e+005



Total DiCB labeled F1

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

PCB 4L  
10.11  
13607  
F1:Voltage SIR,EI+  
236.0376  
2.777e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

Time: 22:51:57

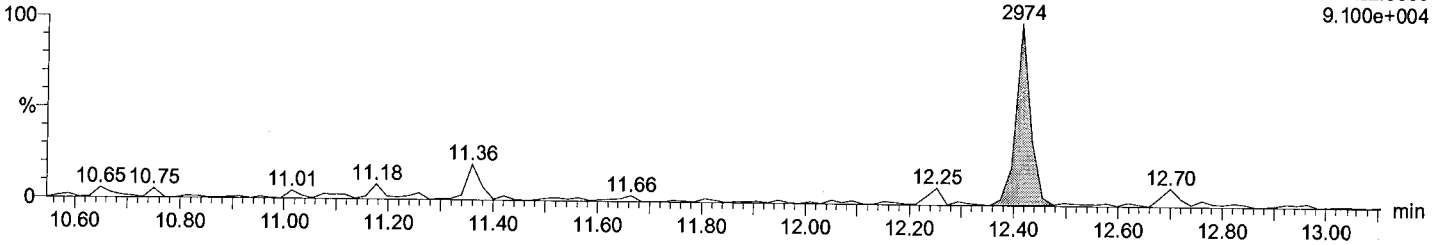
Instrument:

Total DiCB F2

M1170609B06

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F2:Voltage SIR,EI+  
222.0003  
9.100e+004

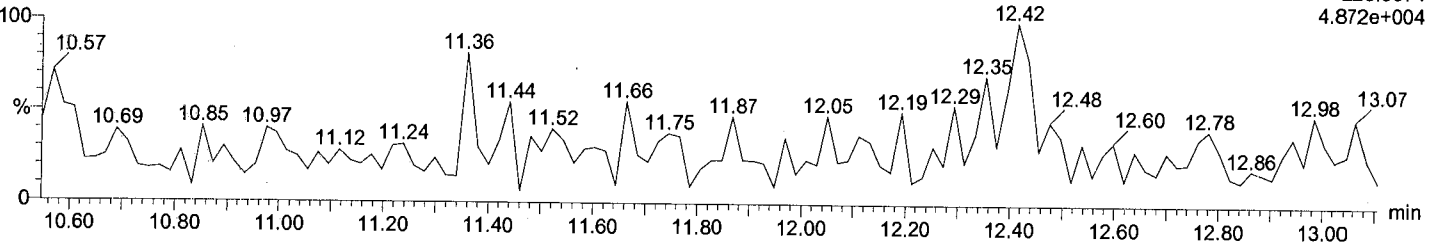


Total DiCB F2

M1170609B06

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F2:Voltage SIR,EI+  
223.9974  
4.872e+004

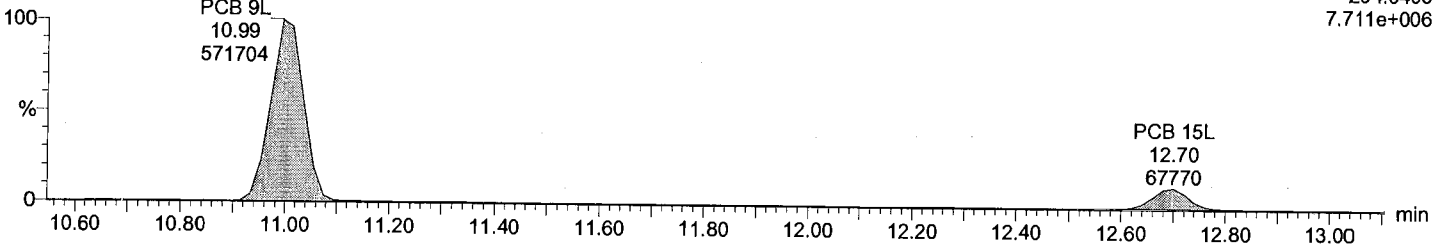


Total DiCB labeled F2

M1170609B06 Smooth(SG,3x1)

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F2:Voltage SIR,EI+  
234.0406  
7.711e+006

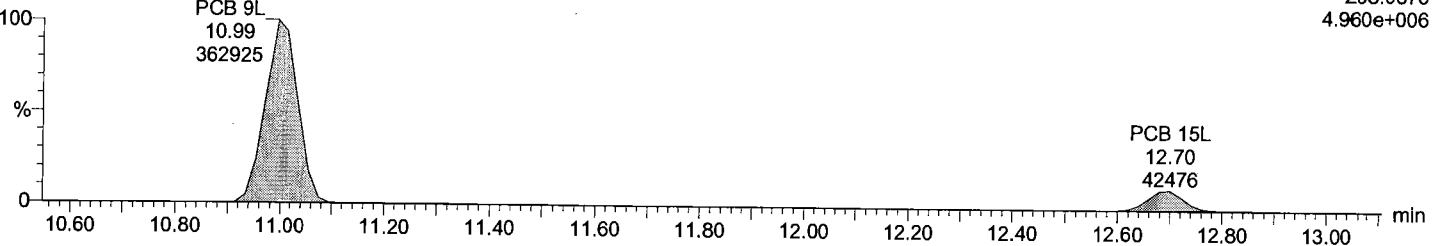


Total DiCB labeled F2

M1170609B06 Smooth(SG,3x1)

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F2:Voltage SIR,EI+  
236.0376  
4.960e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

Time: 22:51:57

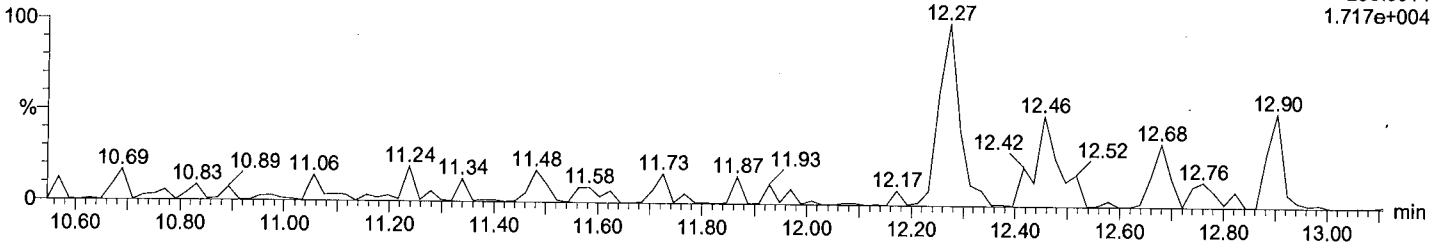
Instrument:

Total TriCB F2

M1170609B06

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F2:Voltage SIR,EI+  
255.9614  
1.717e+004

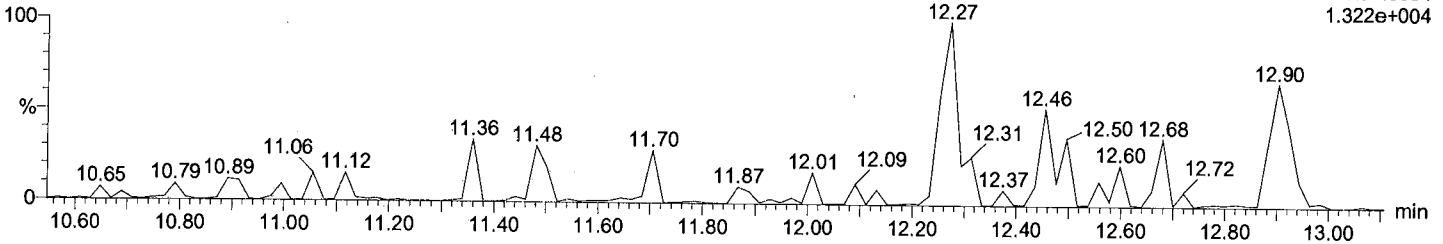


Total TriCB F2

M1170609B06

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F2:Voltage SIR,EI+  
257.9584  
1.322e+004

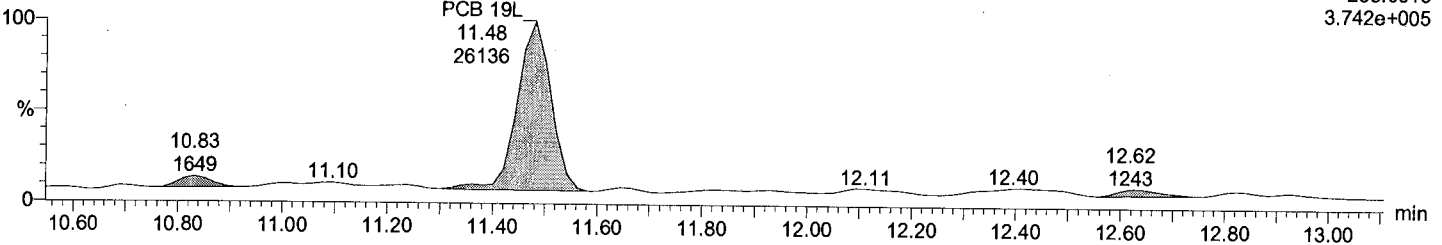


Total TriCB labeled F2

M1170609B06 Smooth(SG,3x1)

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F2:Voltage SIR,EI+  
268.0016  
3.742e+005

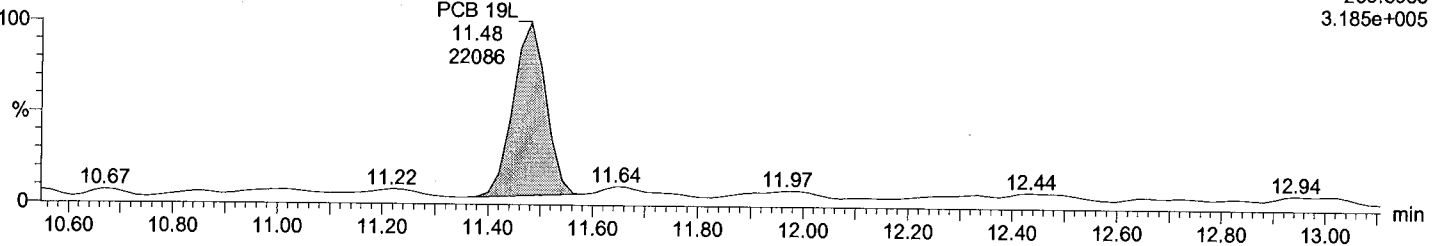


Total TriCB labeled F2

M1170609B06 Smooth(SG,3x1)

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F2:Voltage SIR,EI+  
269.9986  
3.185e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

Time: 22:51:57

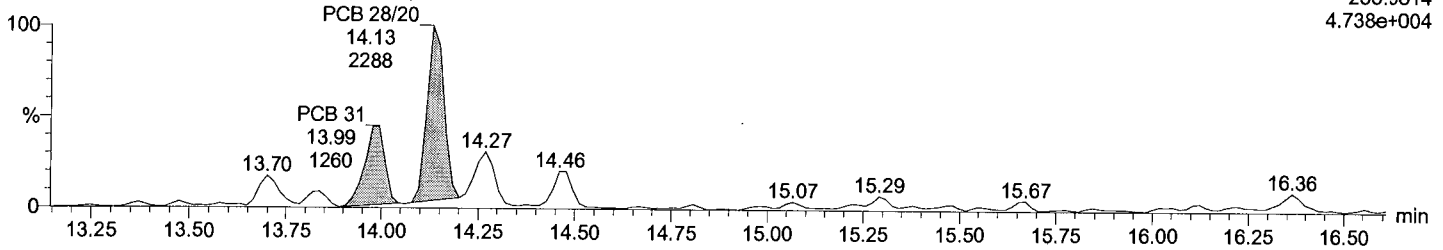
Instrument:

Total TriCB F3

M1170609B06 Smooth(SG,1x1)

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F3:Voltage SIR,EI+  
255.9614  
4.738e+004

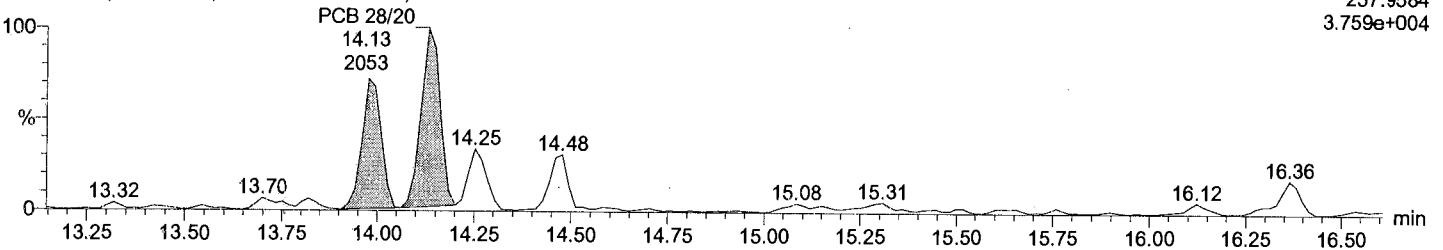


Total TriCB F3

M1170609B06 Smooth(SG,1x1)

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F3:Voltage SIR,EI+  
257.9584  
3.759e+004

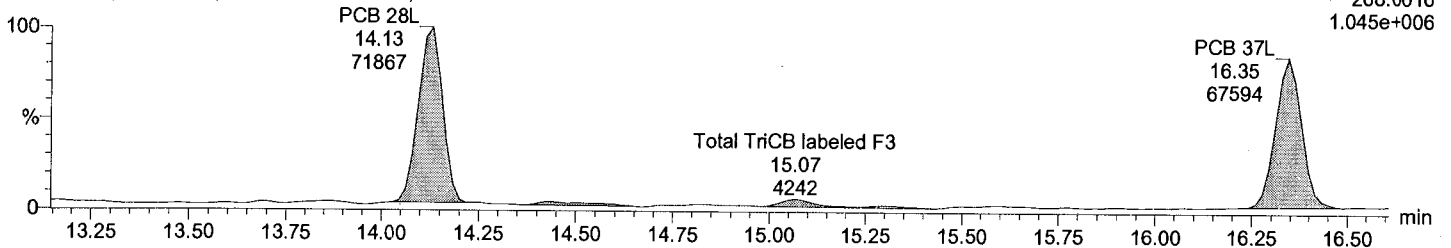


Total TriCB labeled F3

M1170609B06 Smooth(SG,3x1)

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F3:Voltage SIR,EI+  
268.0016  
1.045e+006

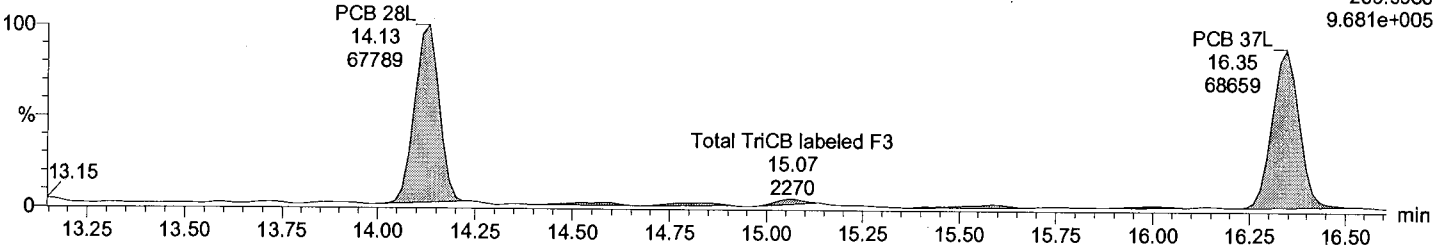


Total TriCB labeled F3

M1170609B06 Smooth(SG,3x1)

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F3:Voltage SIR,EI+  
269.9986  
9.681e+005





Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

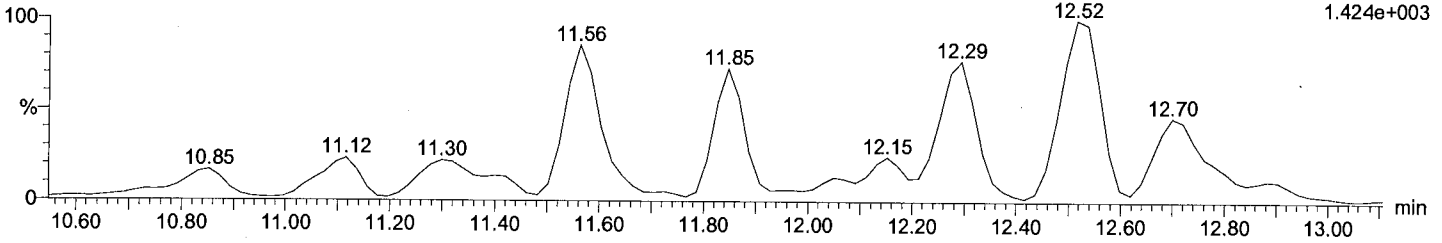
Time: 22:51:57

Instrument:

Total TeCB F2

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

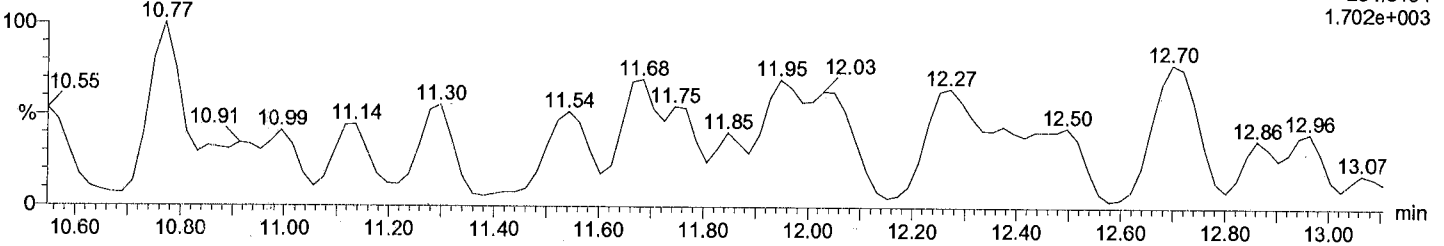
F2:Voltage SIR,EI+  
289.9224  
1.424e+003



Total TeCB F2

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

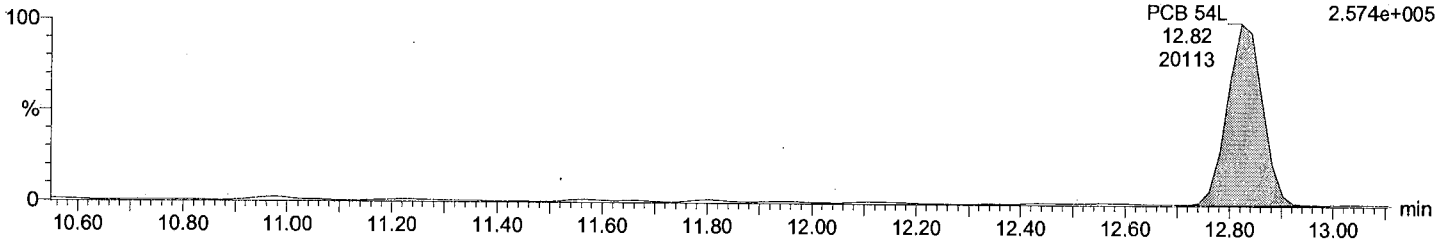
F2:Voltage SIR,EI+  
291.9194  
1.702e+003



Total TeCB labeled F2

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

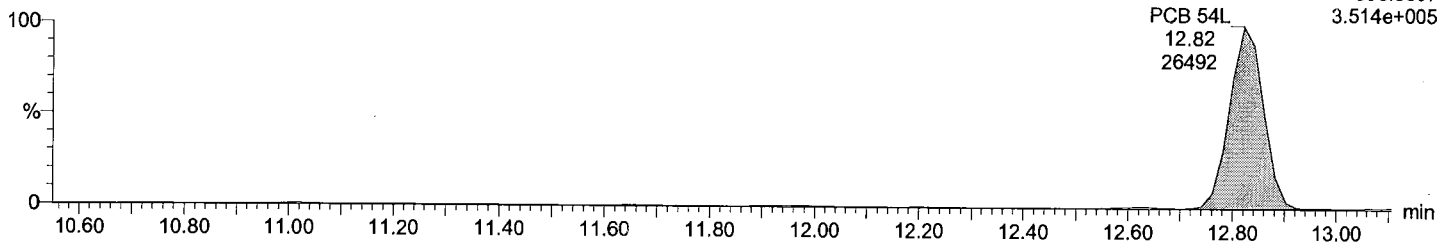
F2:Voltage SIR,EI+  
301.9626  
2.574e+005



Total TeCB labeled F2

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F2:Voltage SIR,EI+  
303.9597  
3.514e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

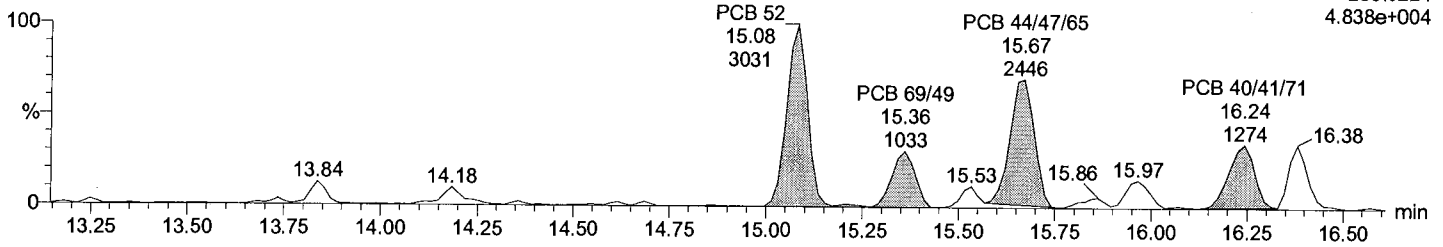
Time: 22:51:57

Instrument:

Total TeCB F3

M1170609B06 Smooth(SG,1x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

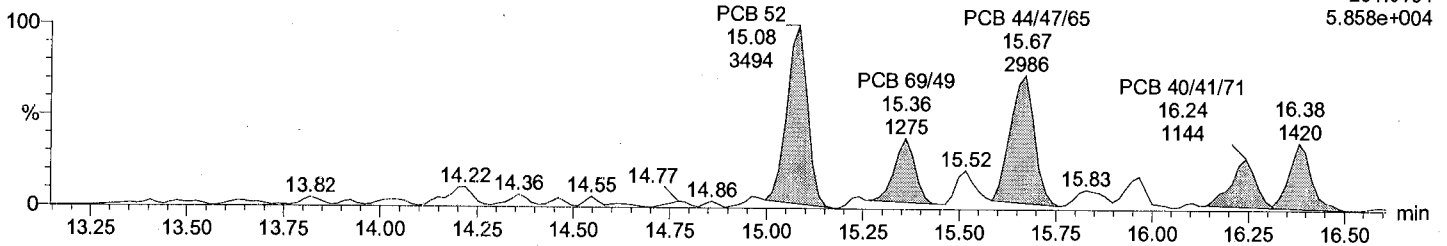
F3:Voltage SIR,EI+  
289.9224  
4.838e+004



Total TeCB F3

M1170609B06 Smooth(SG,1x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

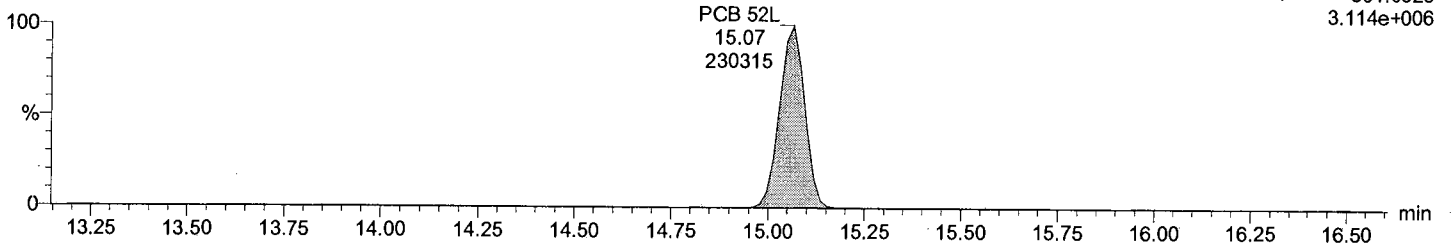
F3:Voltage SIR,EI+  
291.9194  
5.858e+004



Total TeCB labeled F3

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

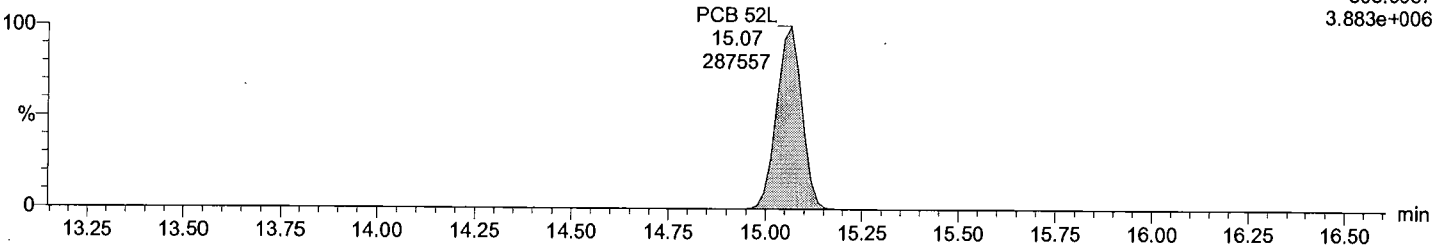
F3:Voltage SIR,EI+  
301.9626  
3.114e+006



Total TeCB labeled F3

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F3:Voltage SIR,EI+  
303.9597  
3.883e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

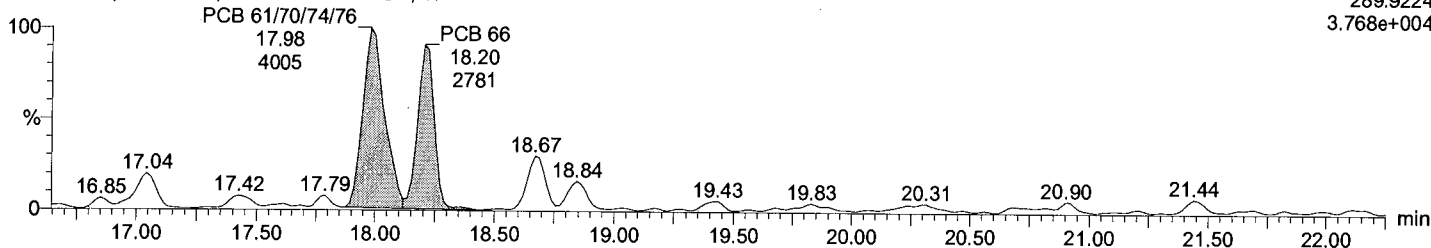
Time: 22:51:57

Instrument:

Total TeCB F4

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

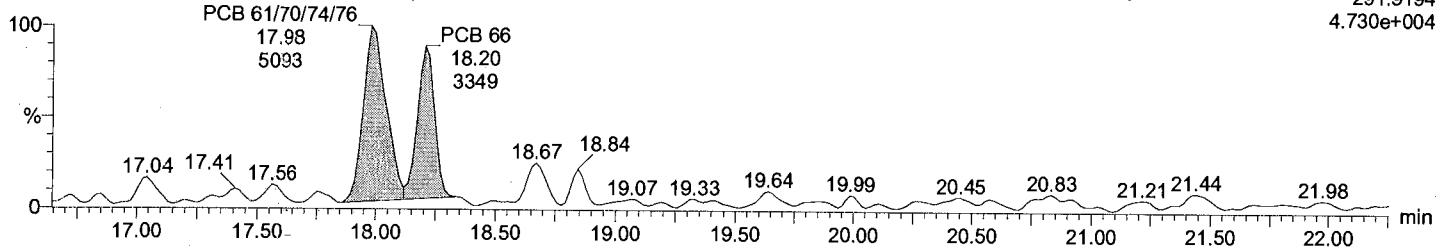
F4:Voltage SIR,EI+  
289.9224  
3.768e+004



Total TeCB F4

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

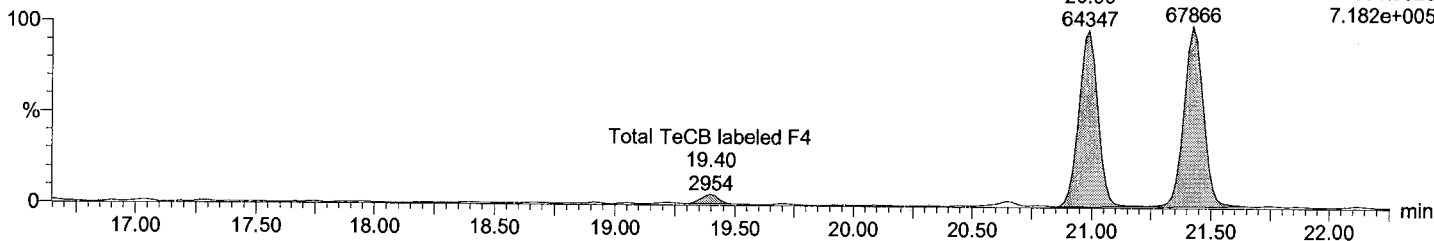
F4:Voltage SIR,EI+  
291.9194  
4.730e+004



Total TeCB labeled F4

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

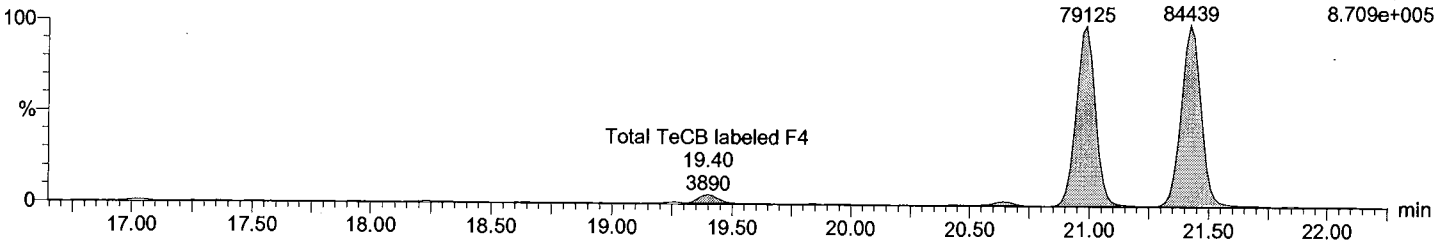
PCB 81L 20.99 F4:Voltage SIR,EI+  
64347 301.9626  
PCB 77L 21.42 7.182e+005  
67866



Total TeCB labeled F4

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

PCB 81L 20.99 F4:Voltage SIR,EI+  
79125 303.9597  
PCB 77L 21.42 8.709e+005  
84439



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

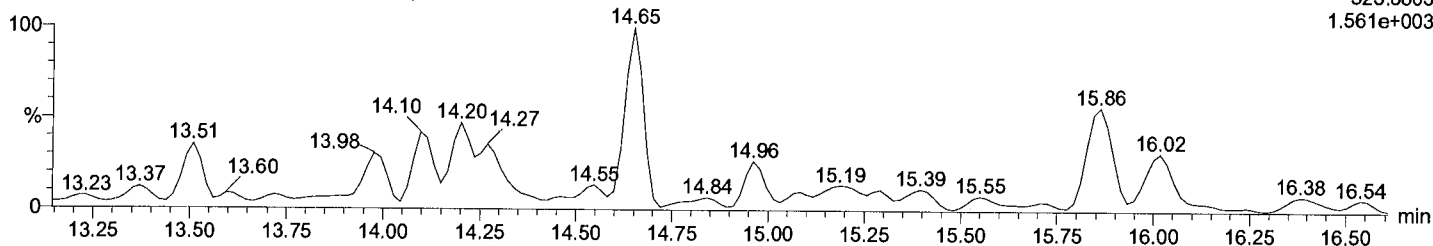
Time: 22:51:57

Instrument:

Total PeCB F3

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

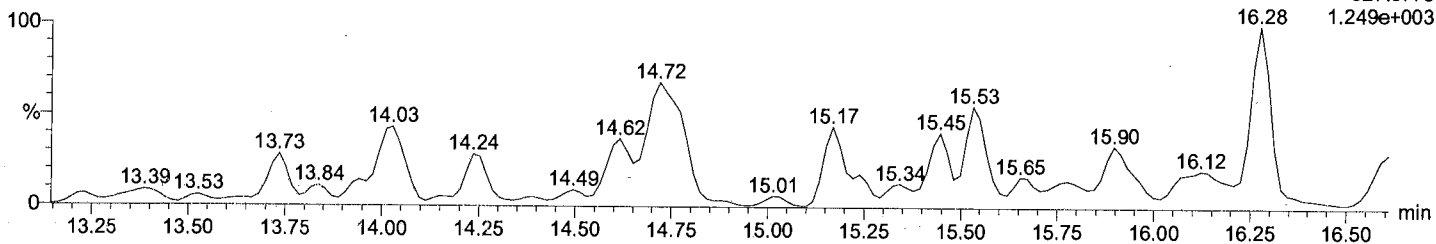
F3:Voltage SIR,EI+  
325.8805  
1.561e+003



Total PeCB F3

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F3:Voltage SIR,EI+  
327.8775  
1.249e+003

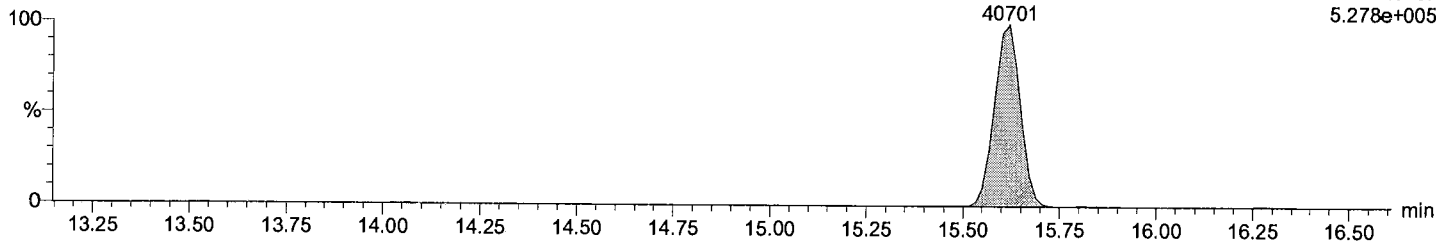


Total PeCB labeled F3

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

PCB 104L  
15.62  
40701

F3:Voltage SIR,EI+  
337.9207  
5.278e+005

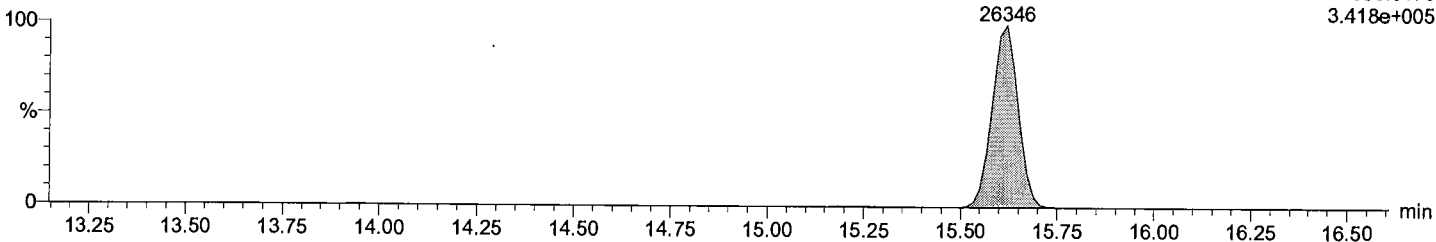


Total PeCB labeled F3

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

PCB 104L  
15.62  
26346

F3:Voltage SIR,EI+  
339.9178  
3.418e+005



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

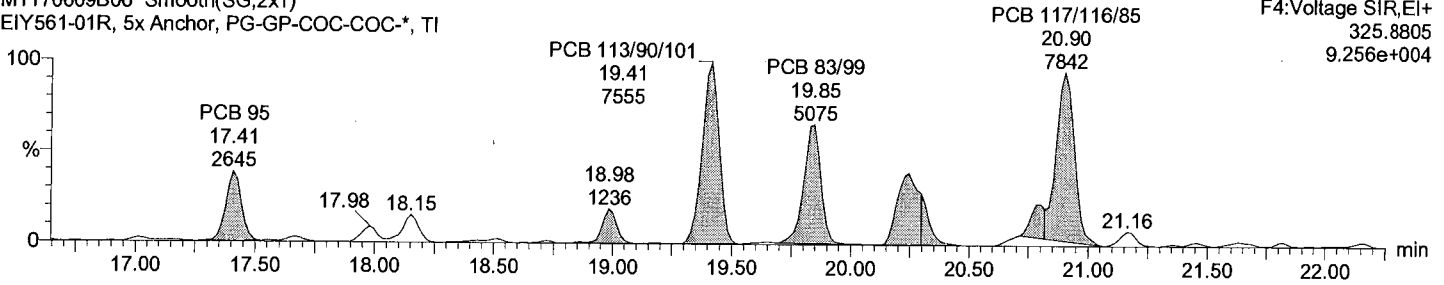
Time: 22:51:57

Instrument:

Total PeCB F4

M1170609B06 Smooth(SG,2x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

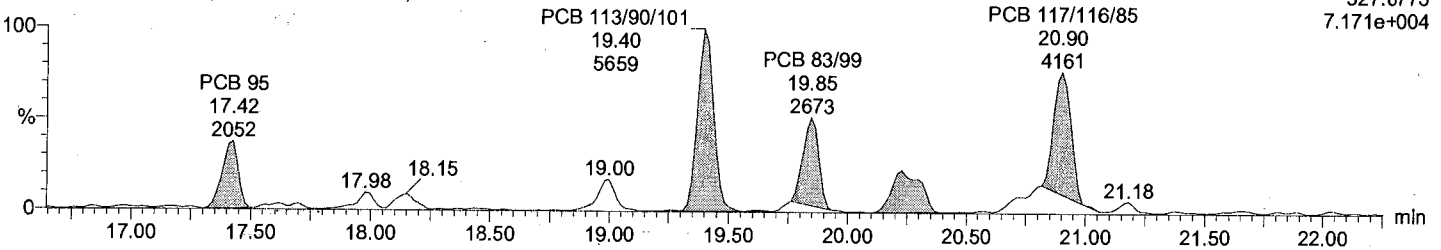
F4:Voltage SIR,EI+  
325.8805  
9.256e+004



Total PeCB F4

M1170609B06 Smooth(SG,2x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

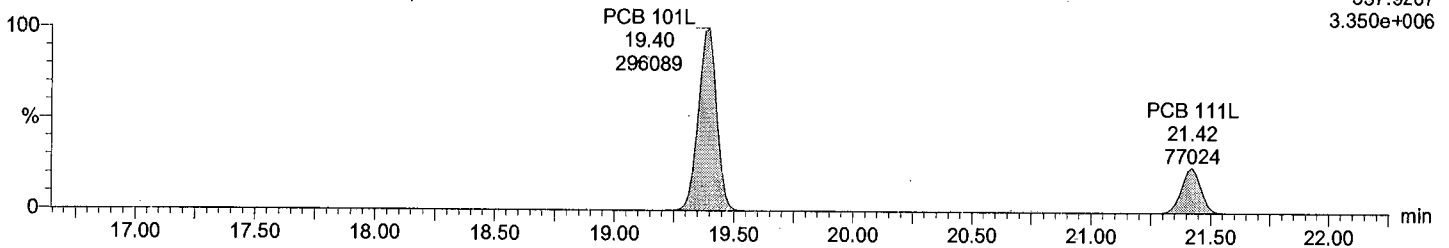
F4:Voltage SIR,EI+  
327.8775  
7.171e+004



Total PeCB labeled F4

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

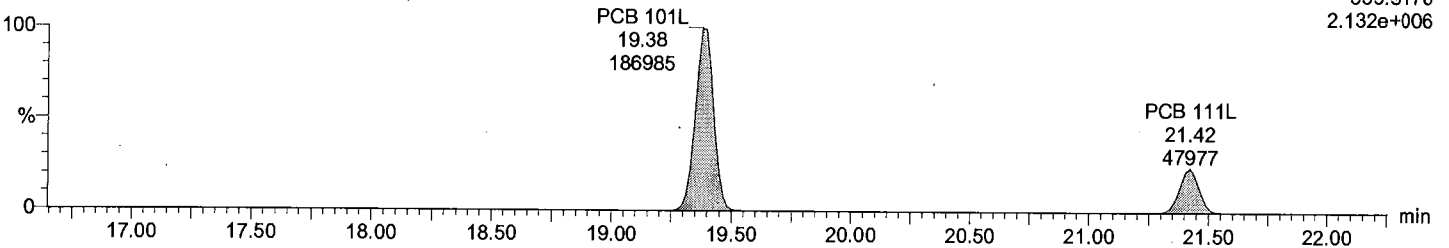
F4:Voltage SIR,EI+  
337.9207  
3.350e+006



Total PeCB labeled F4

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F4:Voltage SIR,EI+  
339.9178  
2.132e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

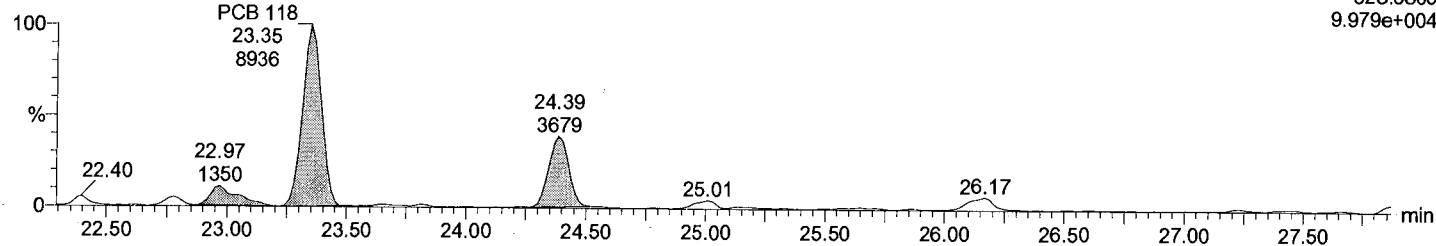
Time: 22:51:57

Instrument:

Total PeCB F5

M1170609B06 Smooth(SG,2x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

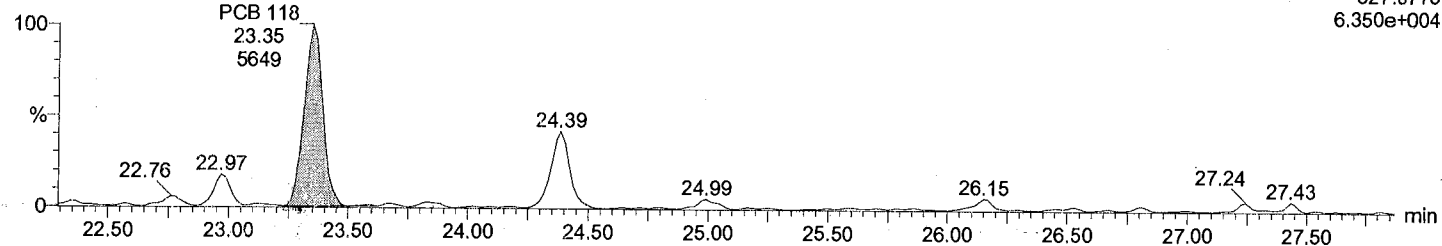
F5:Voltage SIR,EI+  
325.8805  
9.979e+004



Total PeCB F5

M1170609B06 Smooth(SG,2x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

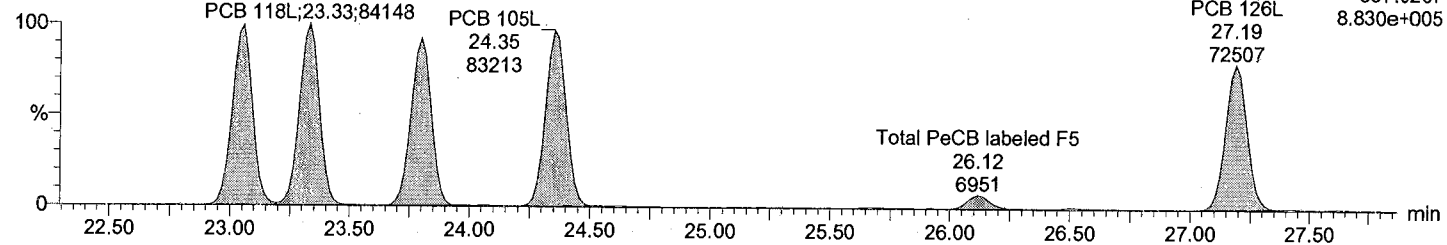
F5:Voltage SIR,EI+  
327.8775  
6.350e+004



Total PeCB labeled F5

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

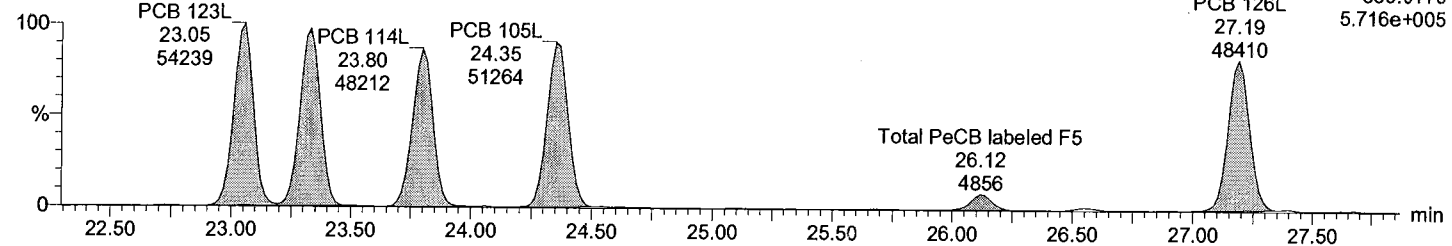
F5:Voltage SIR,EI+  
337.9207  
8.830e+005



Total PeCB labeled F5

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F5:Voltage SIR,EI+  
339.9178  
5.716e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

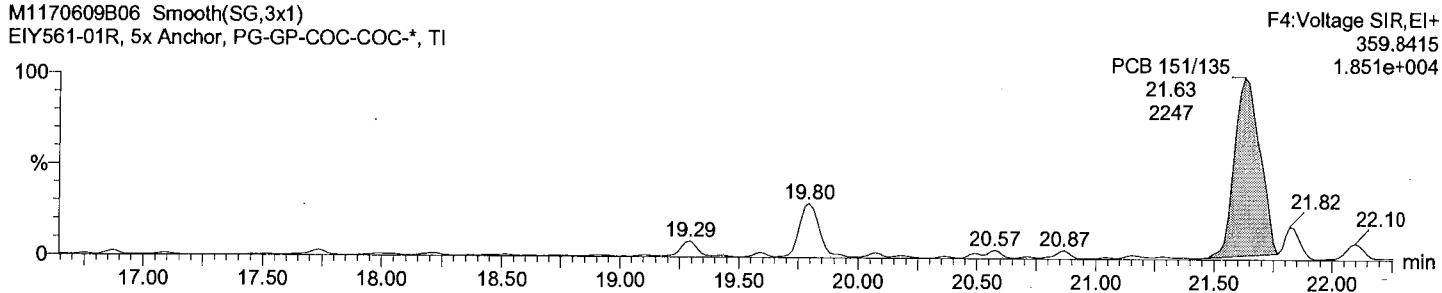
Date: 09-Jun-2017

Time: 22:51:57

Instrument:

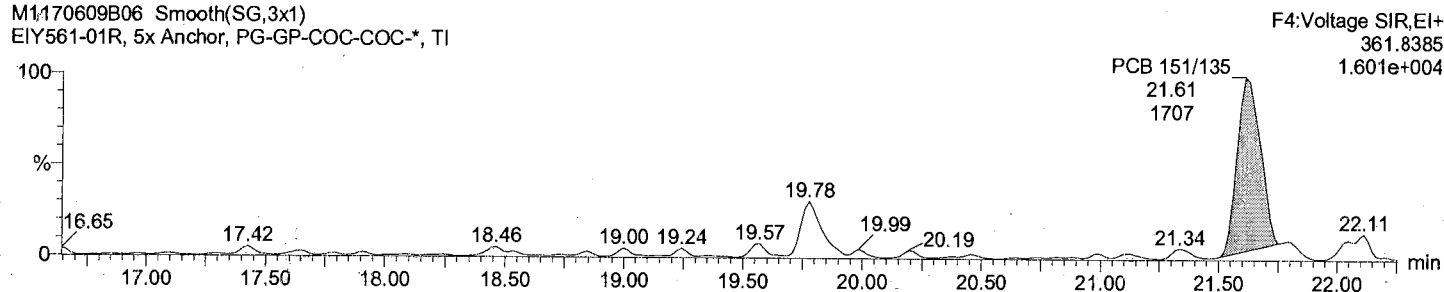
Total HxCB F4

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



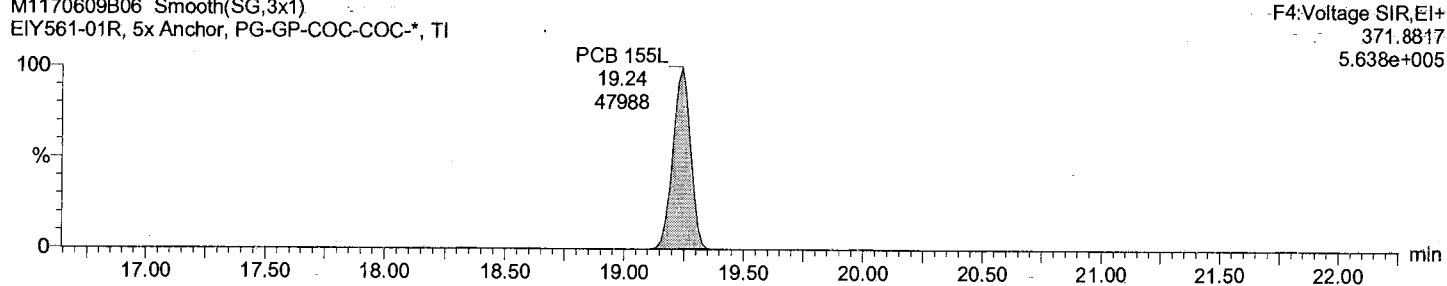
Total HxCB F4

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



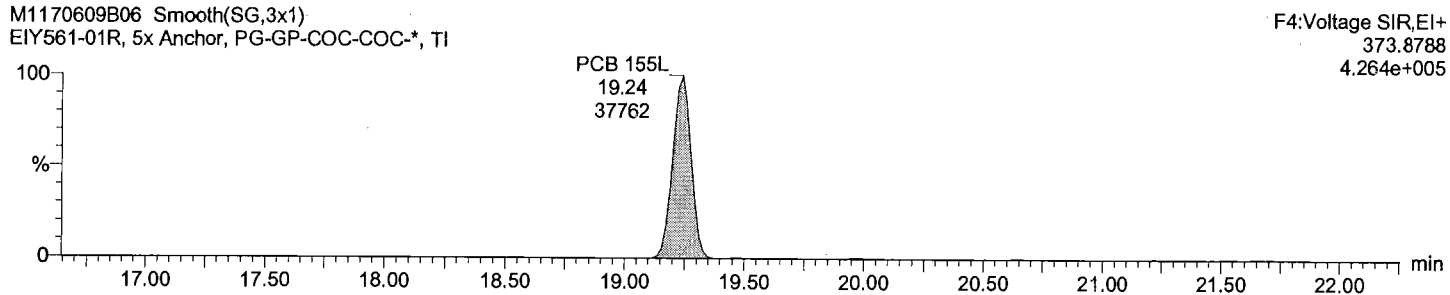
Total HxCB labeled F4

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



Total HxCB labeled F4

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

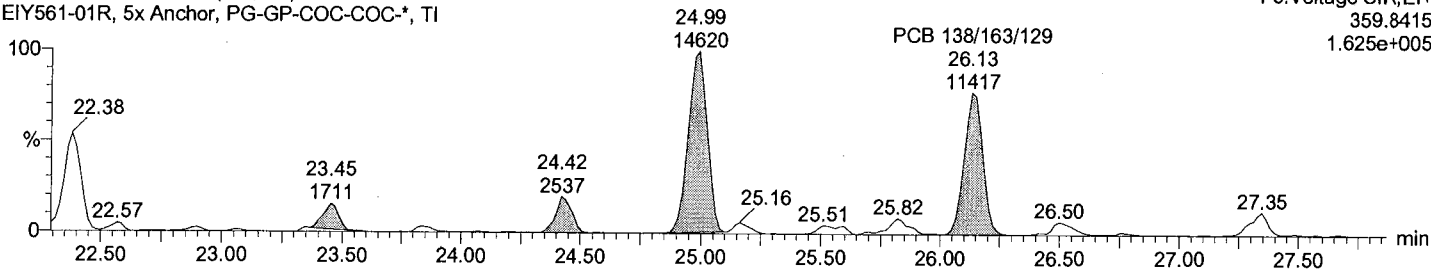
Time: 22:51:57

Instrument:

Total HxCB F5

M1170609B06 Smooth(SG,1x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

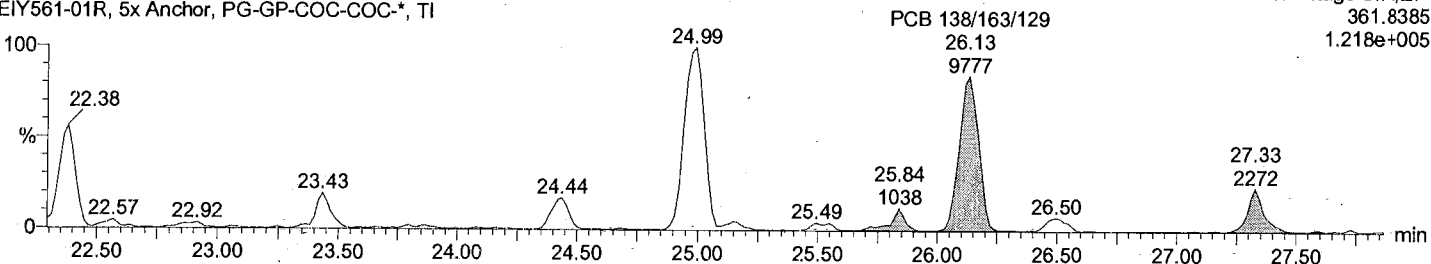
F5:Voltage SIR,EI+  
359.8415  
1.625e+005



Total HxCB F5

M1170609B06 Smooth(SG,1x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

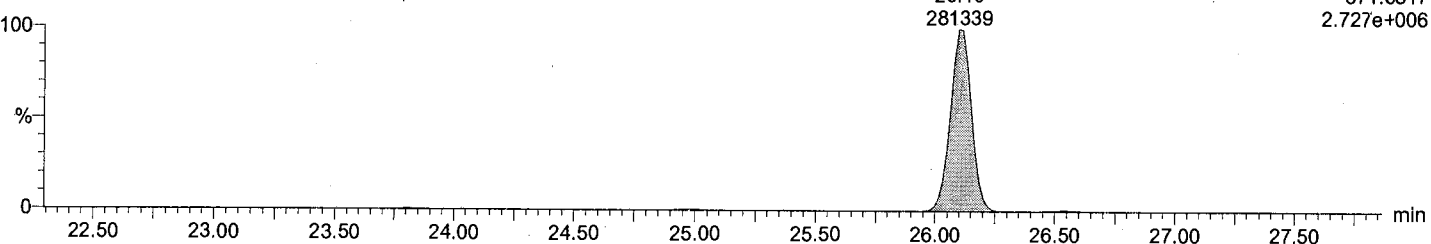
F5:Voltage SIR,EI+  
361.8385  
1.218e+005



Total HxCB labeled F5

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

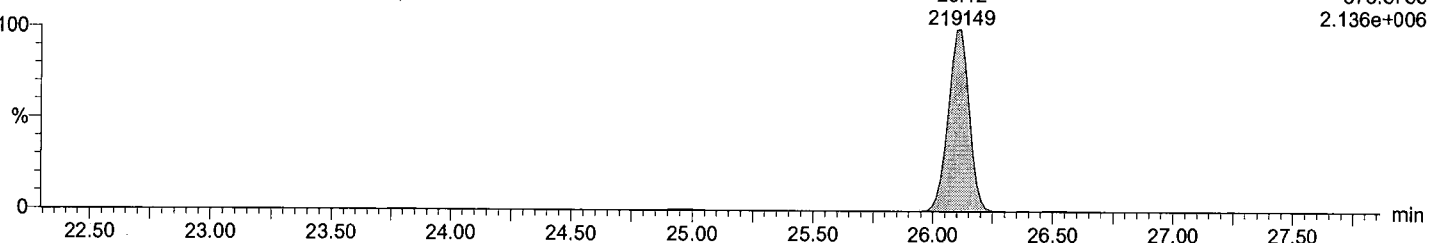
F5:Voltage SIR,EI+  
371.8817  
2.727e+006



Total HxCB labeled F5

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F5:Voltage SIR,EI+  
373.8788  
2.136e+006





Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

Time: 22:51:57

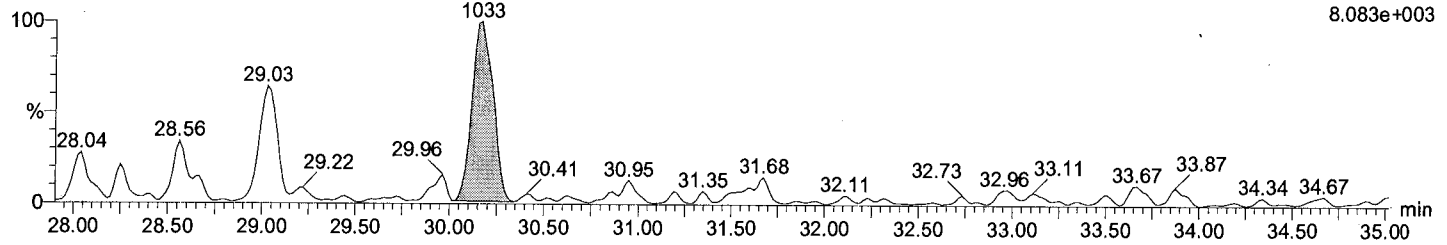
Instrument:

Total HxCB F6

M1170609B06 Smooth(SG,3x1)

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI 30.17

F6:Voltage SIR,EI+  
359.8415  
8.083e+003

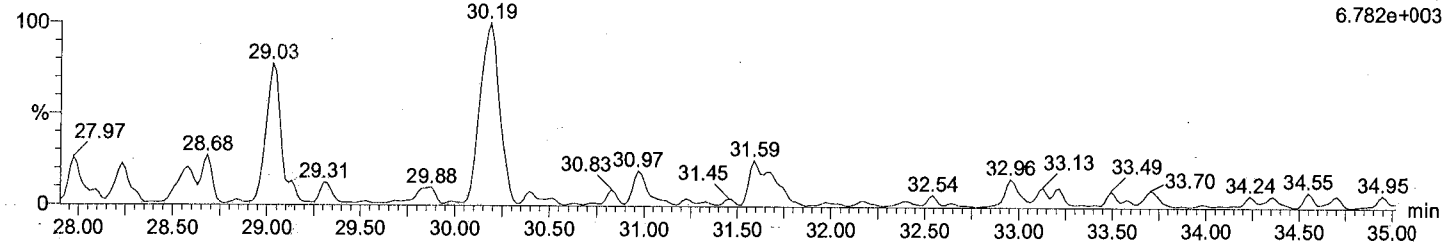


Total HxCB F6

M1170609B06 Smooth(SG,3x1)

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F6:Voltage SIR,EI+  
361.8385  
6.782e+003

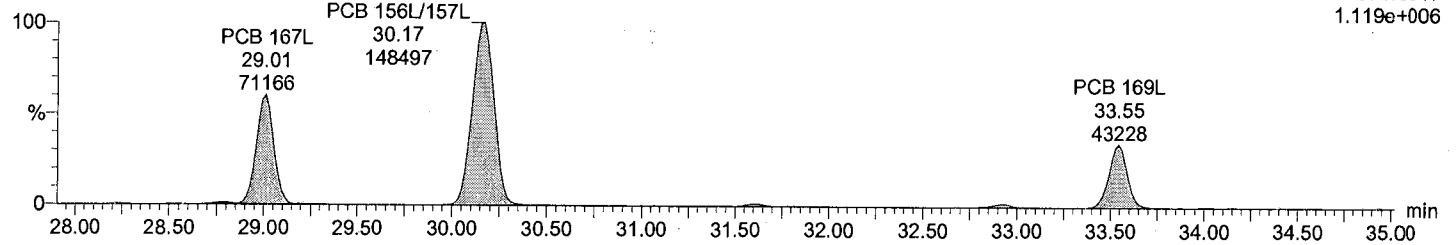


Total HxCB labeled F6

M1170609B06 Smooth(SG,3x1)

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F6:Voltage SIR,EI+  
371.8817  
1.119e+006

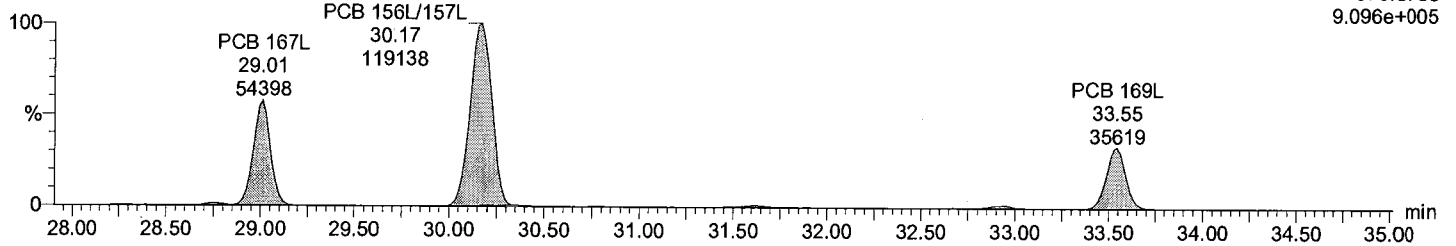


Total HxCB labeled F6

M1170609B06 Smooth(SG,3x1)

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F6:Voltage SIR,EI+  
373.8788  
9.096e+005



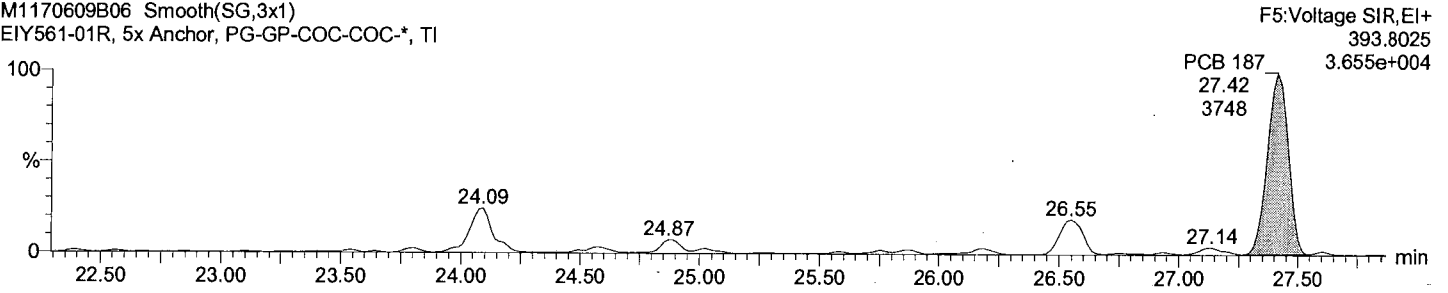
Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM  
Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x  
Vial: 6  
Date: 09-Jun-2017  
Time: 22:51:57  
Instrument:

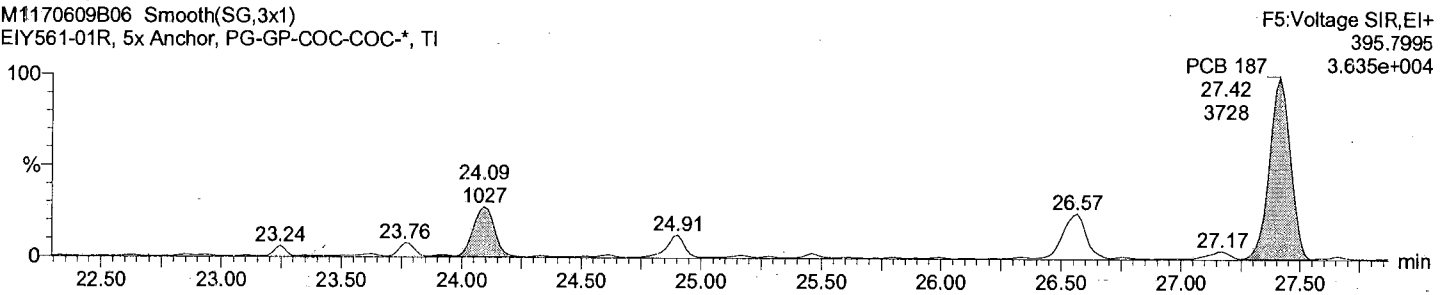
**Total HpCB F5**

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



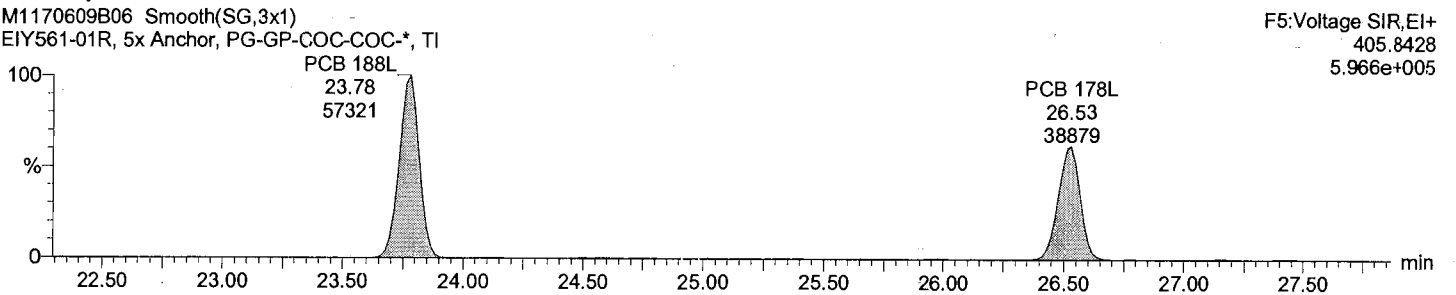
**Total HpCB F5**

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



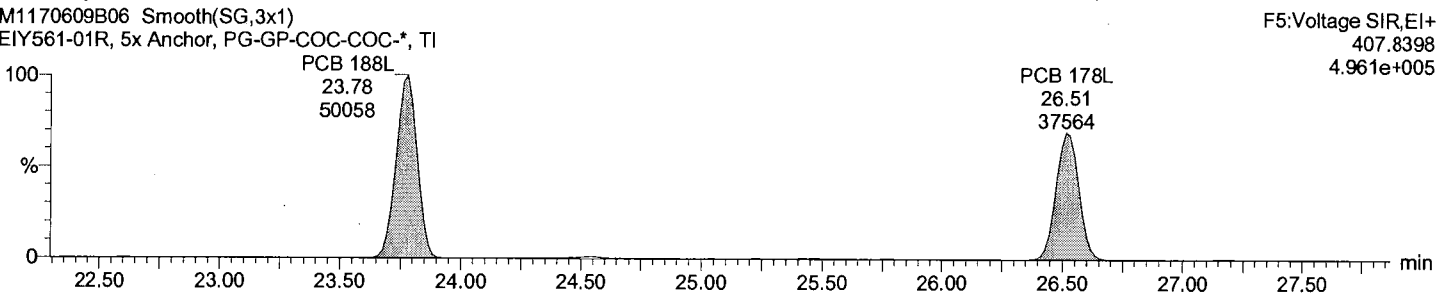
**Total HpCB labeled F5**

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



**Total HpCB labeled F5**

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

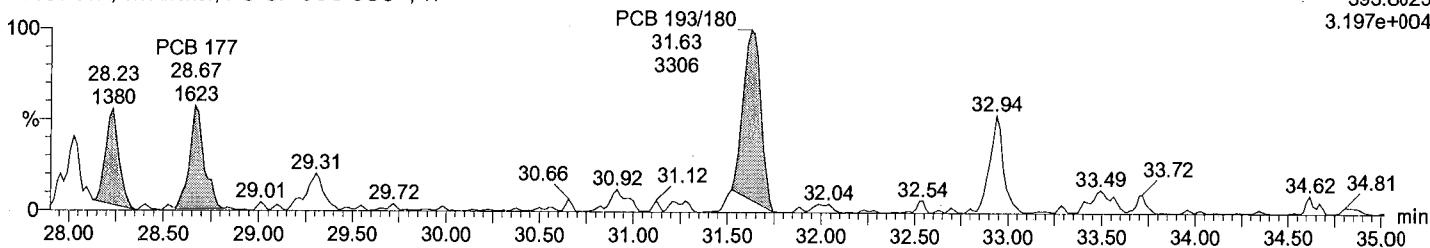
Time: 22:51:57

Instrument:

Total HpCB F6

M1170609B06 Smooth(SG,1x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

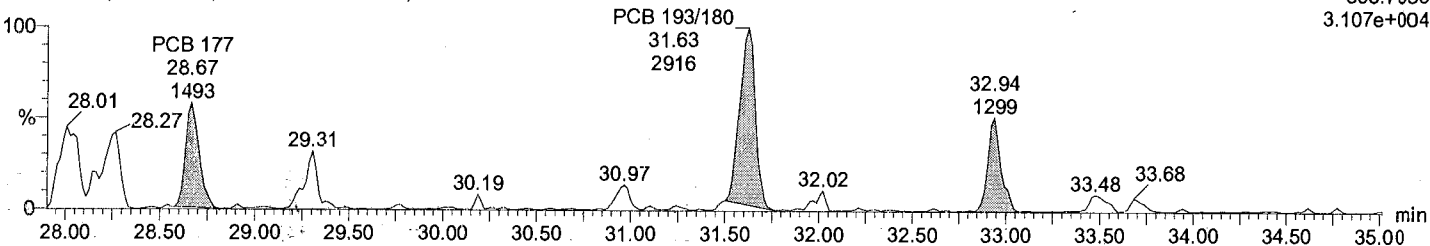
F6:Voltage SIR,EI+  
393.8025  
3.197e+004



Total HpCB F6

M1170609B06 Smooth(SG,1x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

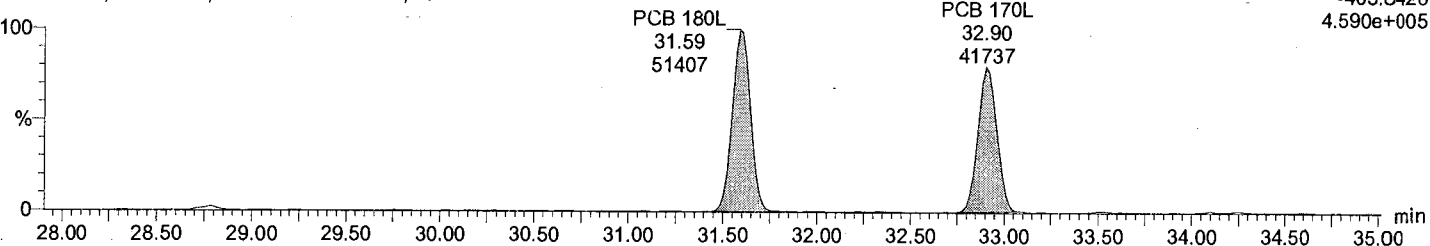
F6:Voltage SIR,EI+  
395.7995  
3.107e+004



Total HpCB labeled F6

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

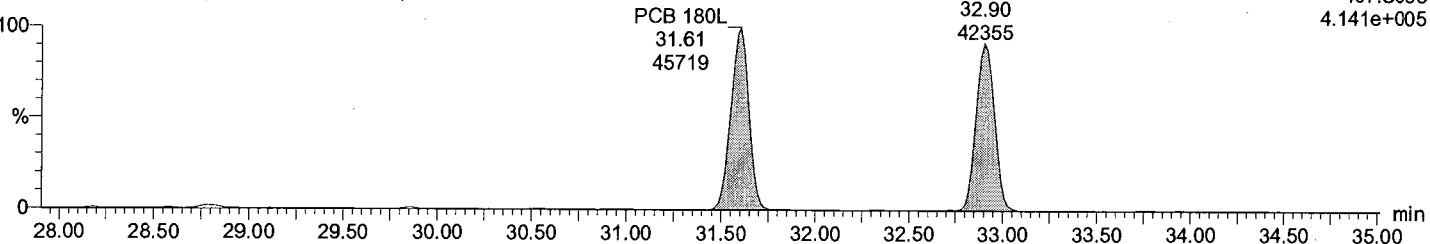
F6:Voltage SIR,EI+  
405.8428  
4.590e+005



Total HpCB labeled F6

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F6:Voltage SIR,EI+  
407.8398  
4.141e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

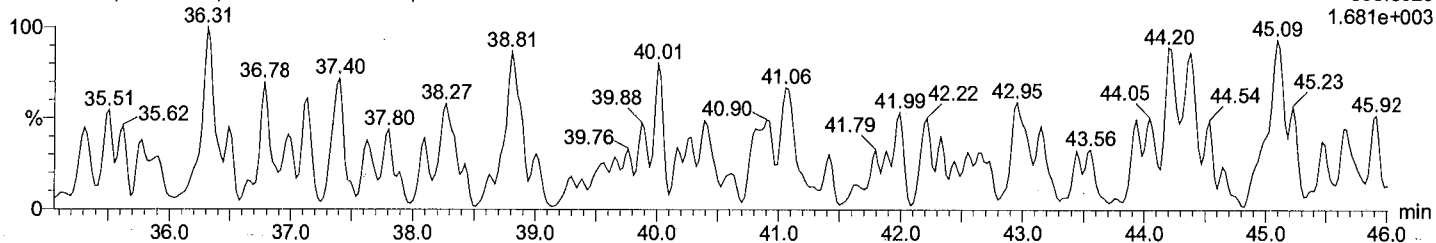
Time: 22:51:57

Instrument:

Total HpCB F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

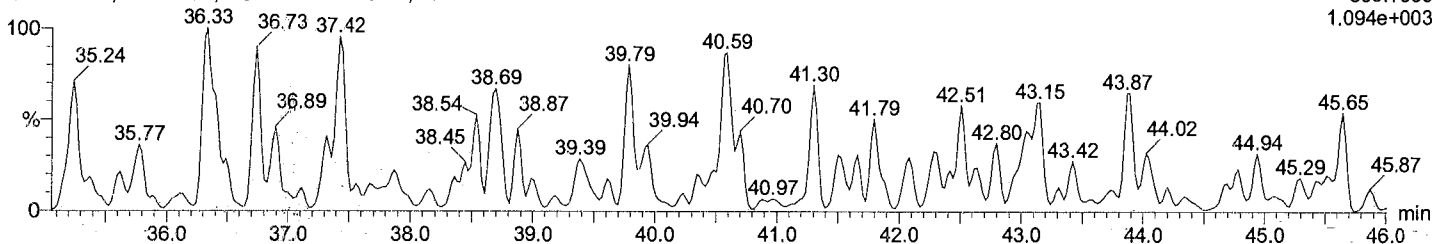
F7:Voltage SIR,EI+  
393.8025  
1.681e+003



Total HpCB F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

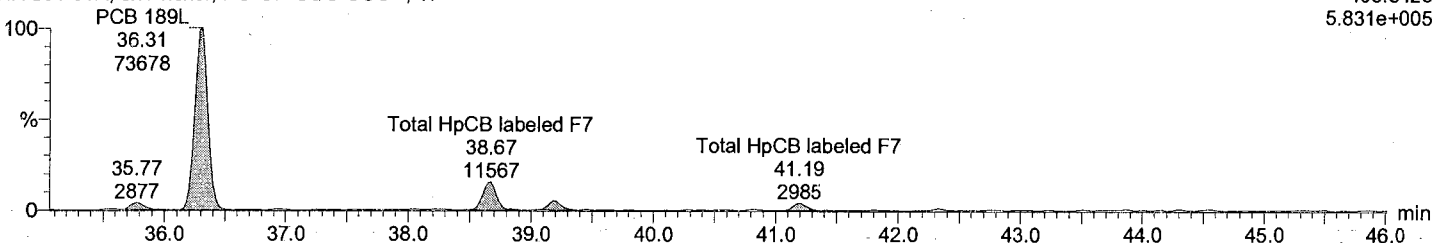
F7:Voltage SIR,EI+  
395.7996  
1.094e+003



Total HpCB labeled F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

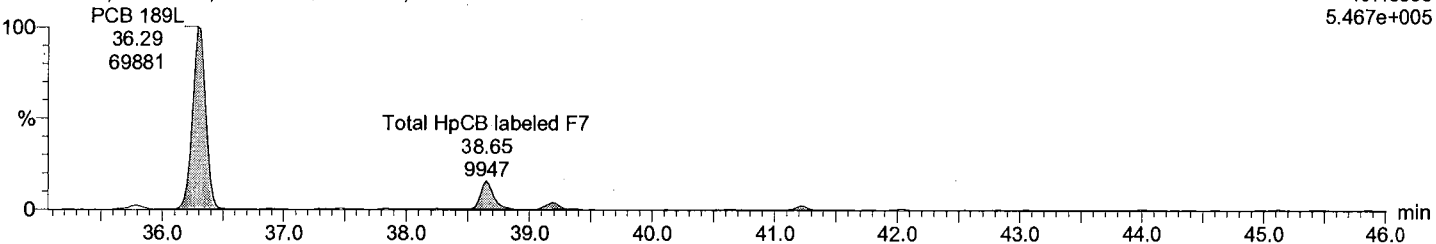
F7:Voltage SIR,EI+  
405.8428  
5.831e+005



Total HpCB labeled F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F7:Voltage SIR,EI+  
407.8398  
5.467e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

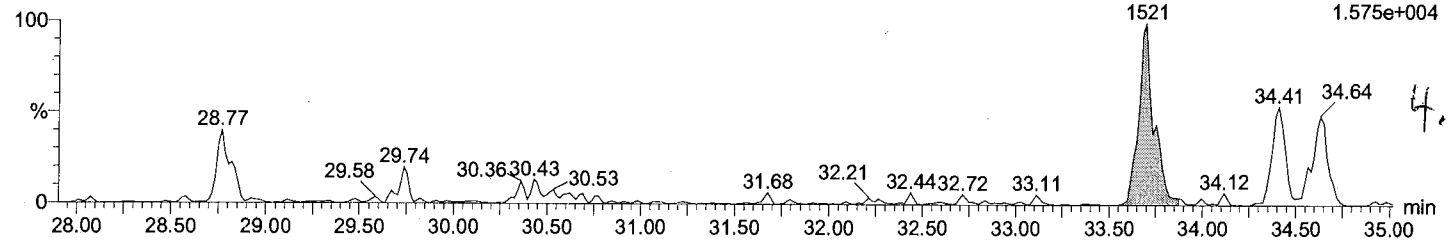
Date: 09-Jun-2017

Time: 22:51:57

Instrument:

Total OoCB F6

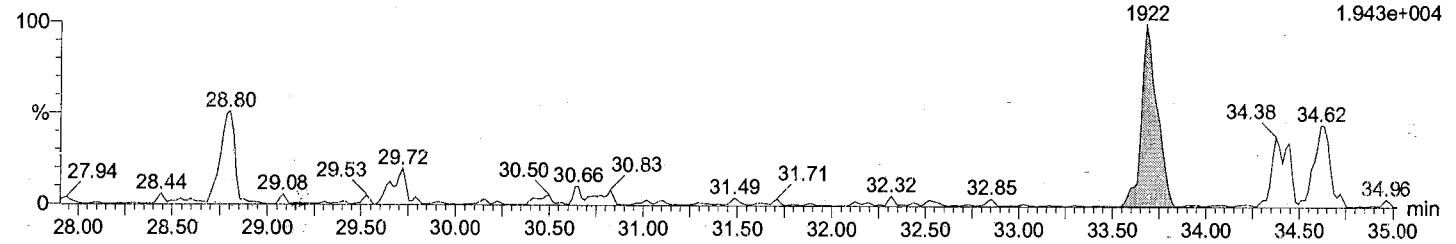
M1170609B06 Smooth(SG,1x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



PCB 198/199  
33.70  
1521  
F6:Voltage SIR,EI+  
427.7635  
1.575e+004

Total OoCB F6

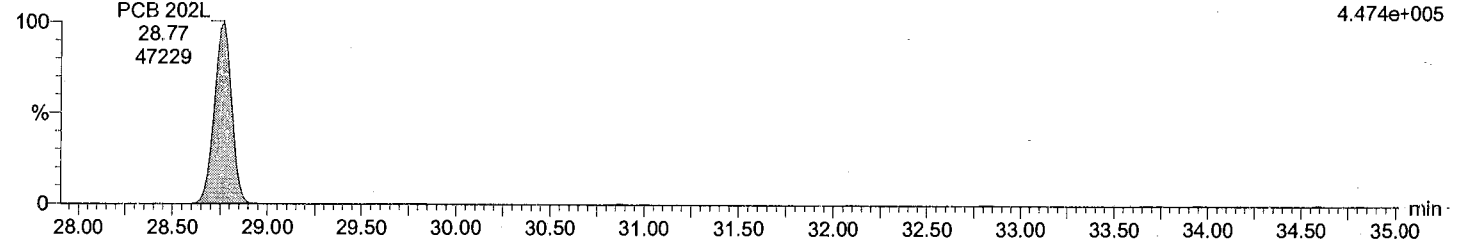
M1170609B06 Smooth(SG,1x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



PCB 198/199  
33.68  
1922  
F6:Voltage SIR,EI+  
429.7606  
1.943e+004

Total OoCB labeled F6

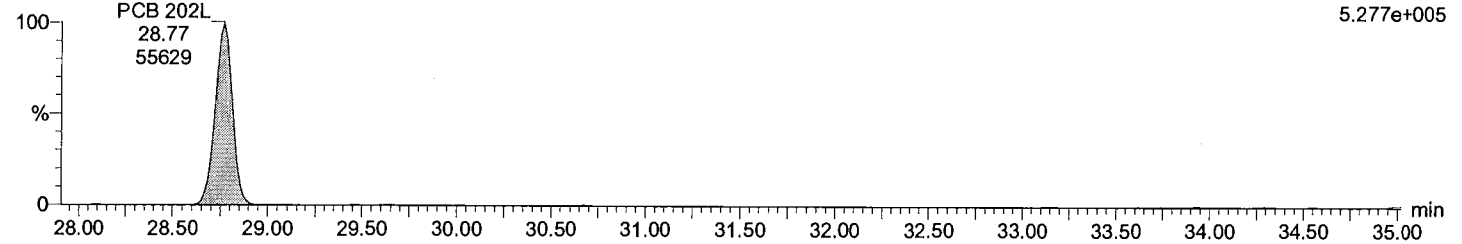
M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



PCB 202L  
28.77  
47229  
F6:Voltage SIR,EI+  
439.8038  
4.474e+005

Total OoCB labeled F6

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



PCB 202L  
28.77  
55629  
F6:Voltage SIR,EI+  
441.8008  
5.277e+005

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

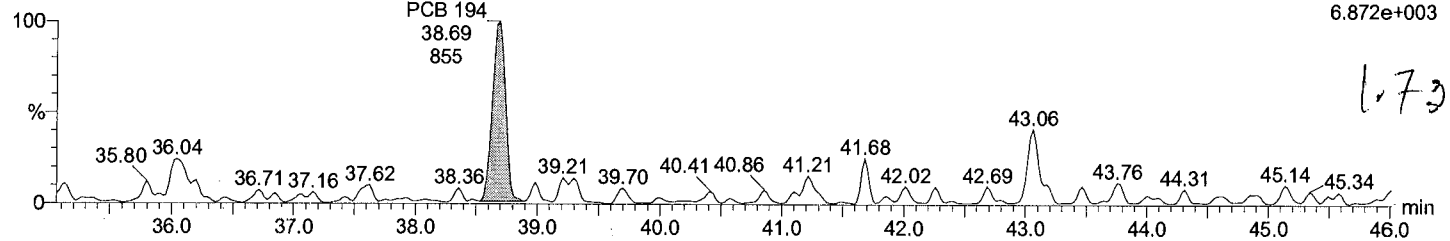
Time: 22:51:57

Instrument:

Total OcCB F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

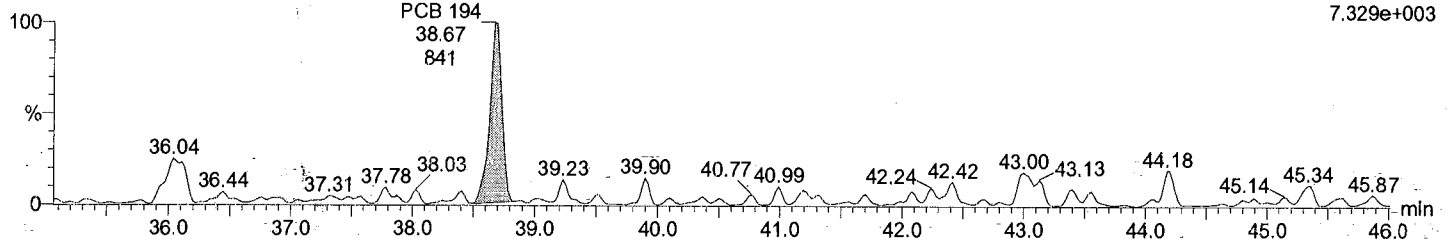
F7:Voltage SIR,EI+  
427.7635  
6.872e+003



Total OcCB F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

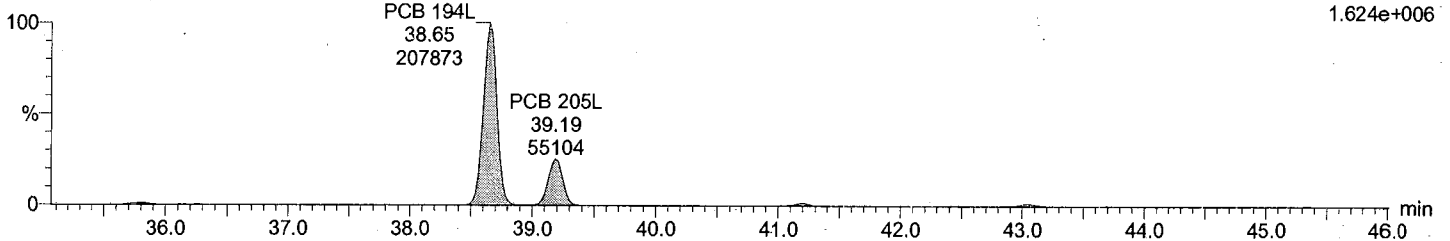
F7:Voltage SIR,EI+  
429.7606  
7.329e+003



Total OcCB labeled F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

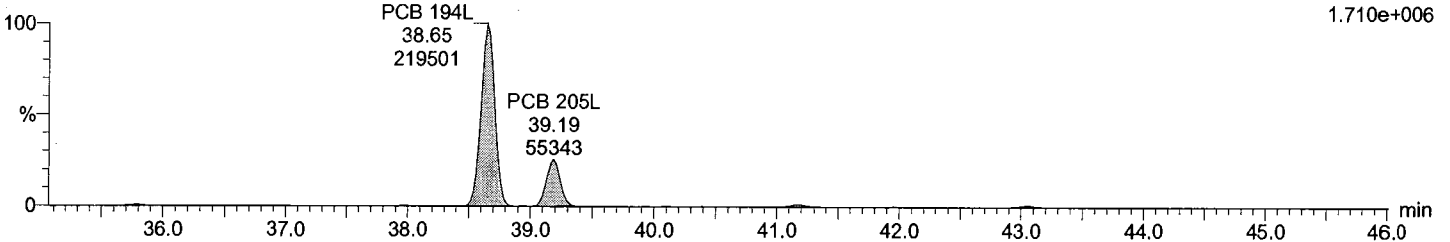
F7:Voltage SIR,EI+  
439.8038  
1.624e+006



Total OcCB labeled F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F7:Voltage SIR,EI+  
441.8008  
1.710e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

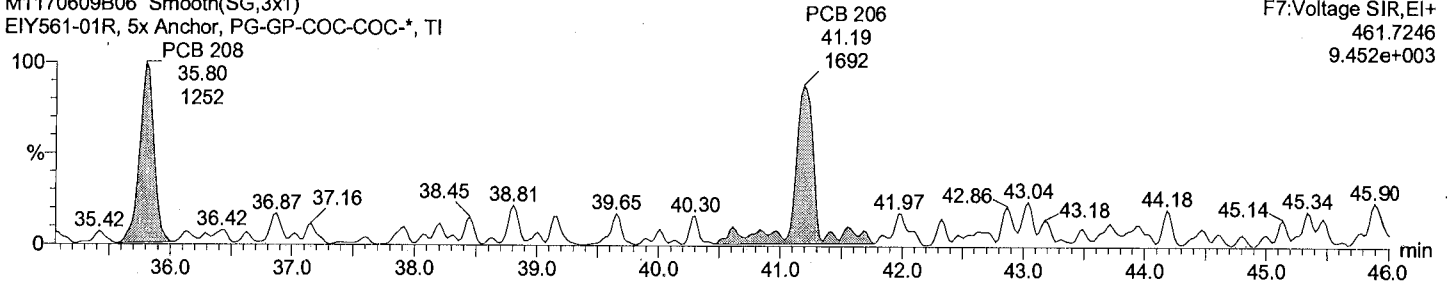
Time: 22:51:57

Instrument:

Total NoCB F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

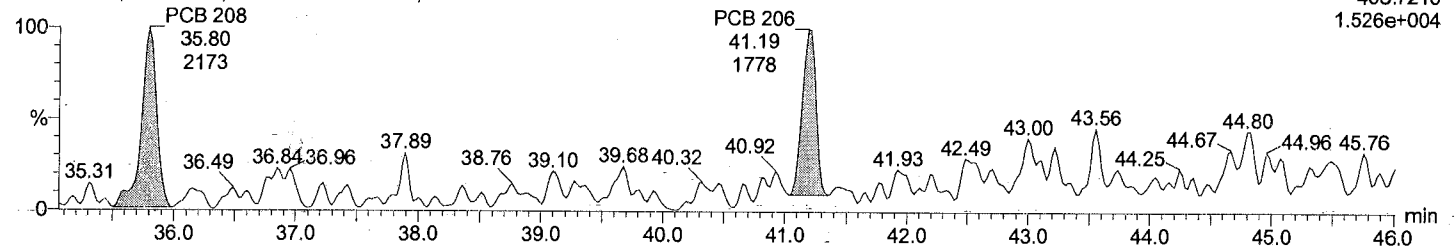
F7:Voltage SIR,EI+  
461.7246  
9.452e+003



Total NoCB F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

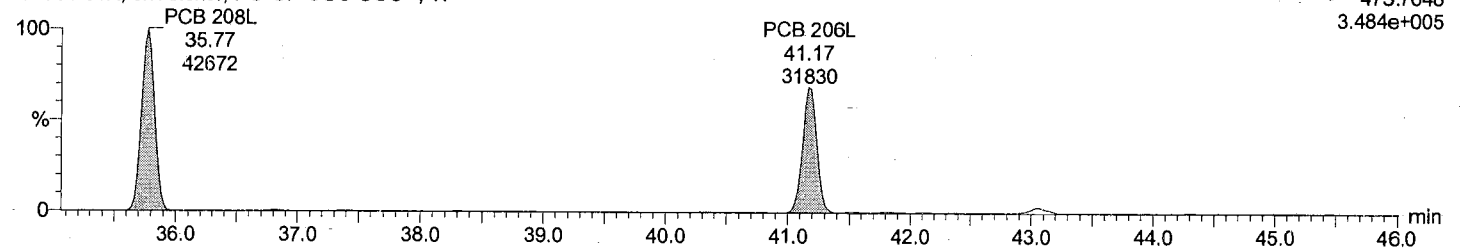
F7:Voltage SIR,EI+  
463.7216  
1.526e+004



Total NoCB labeled F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

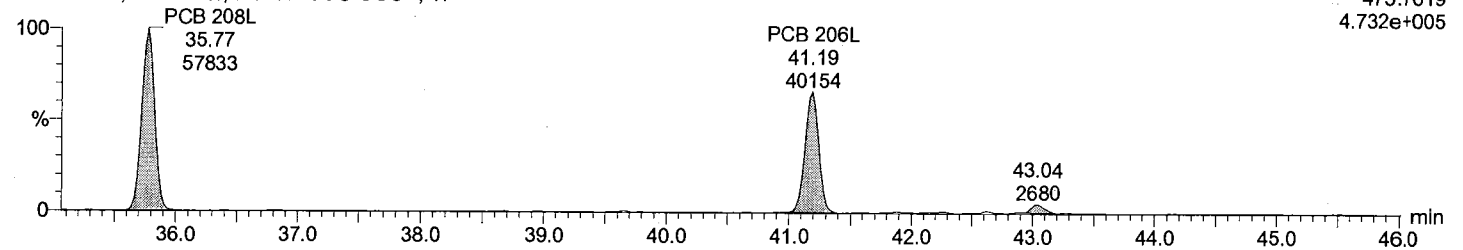
F7:Voltage SIR,EI+  
473.7648  
3.484e+005



Total NoCB labeled F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

F7:Voltage SIR,EI+  
475.7619  
4.732e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

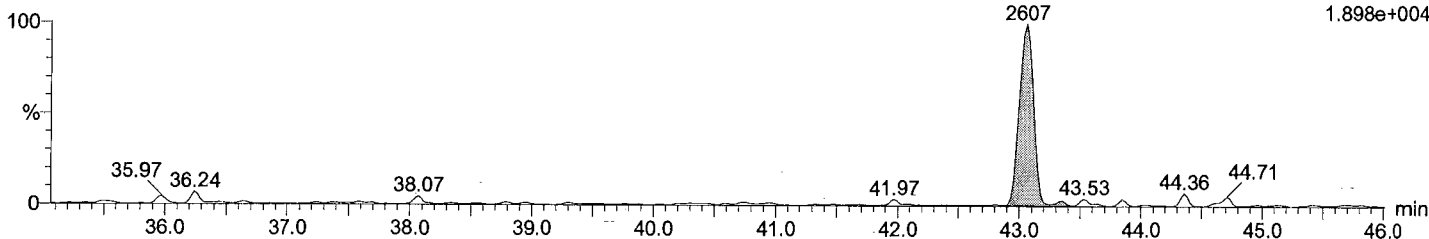
Time: 22:51:57

Instrument:

Total DeCB F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

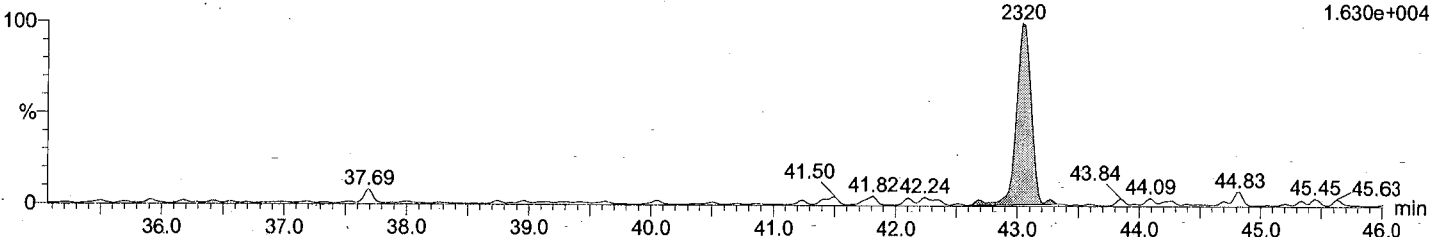
PCB 209  
43.06  
2607  
F7:Voltage SIR,EI+  
497.6826  
1.898e+004



Total DeCB F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

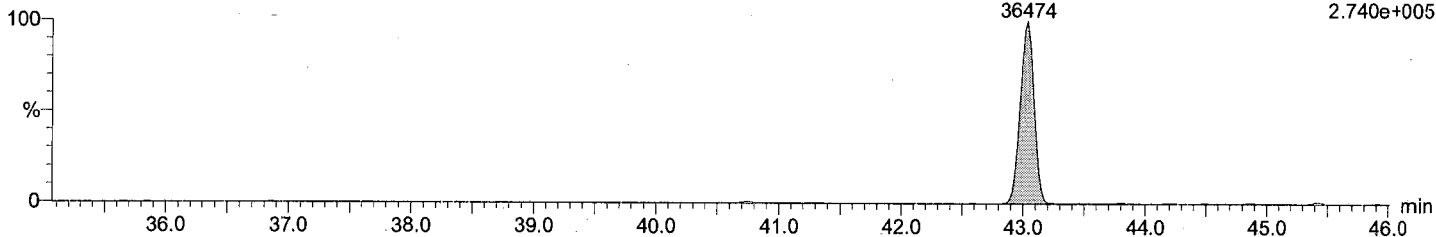
PCB 209  
43.04  
2320  
F7:Voltage SIR,EI+  
499.6797  
1.630e+004



Total DeCB labeled F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

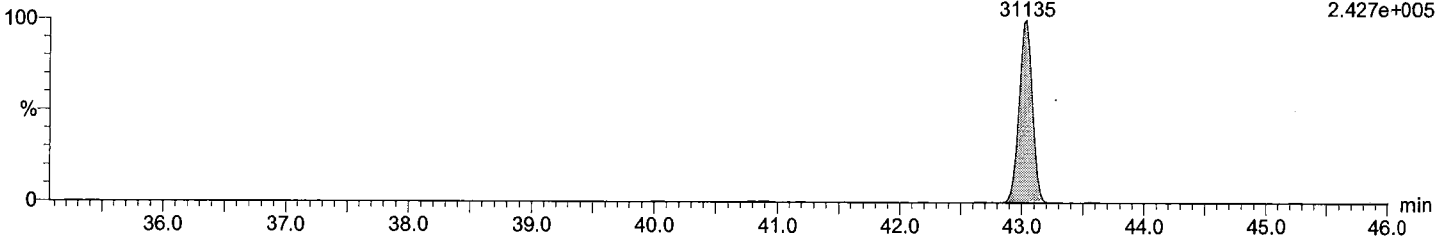
PCB 209L  
43.04  
36474  
F7:Voltage SIR,EI+  
509.7229  
2.740e+005



Total DeCB labeled F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI

PCB 209L  
43.04  
31135  
F7:Voltage SIR,EI+  
511.7199  
2.427e+005





Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

Date: 09-Jun-2017

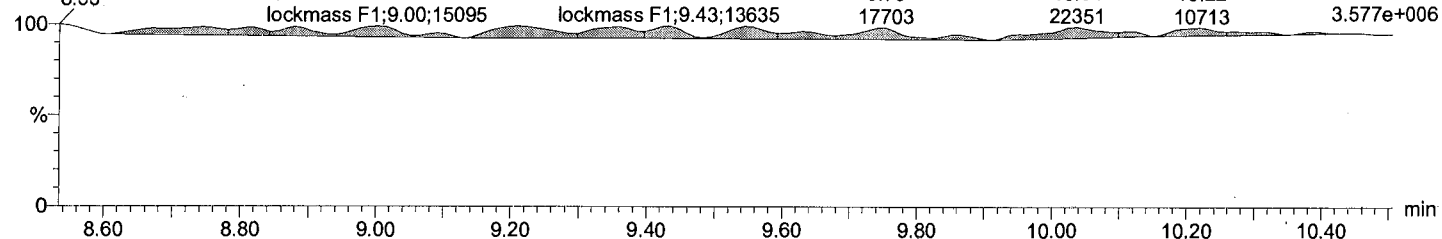
Time: 22:51:57

Instrument:

lockmass F1

M1170609B06 Smooth(SG,3x1)

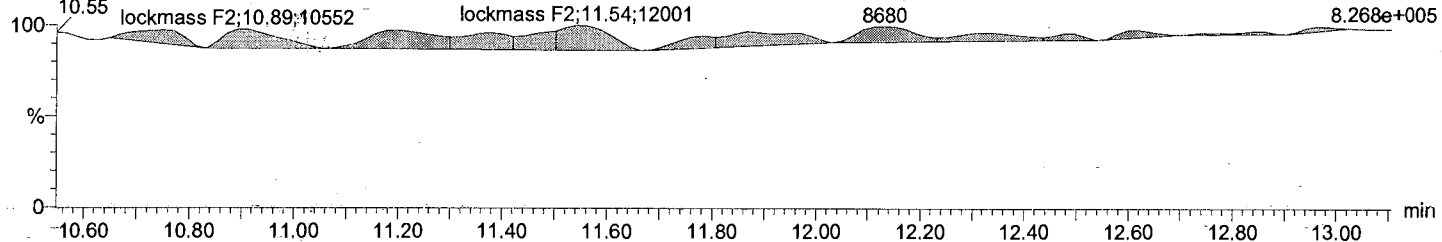
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



lockmass F2

M1170609B06 Smooth(SG,3x1)

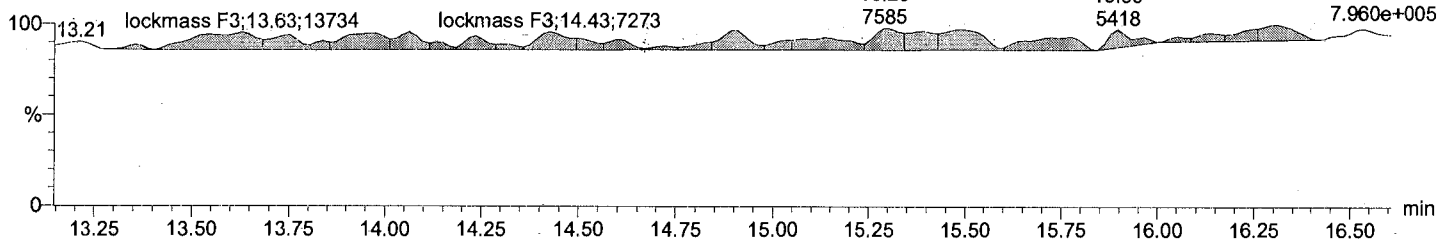
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



lockmass F3

M1170609B06 Smooth(SG,3x1)

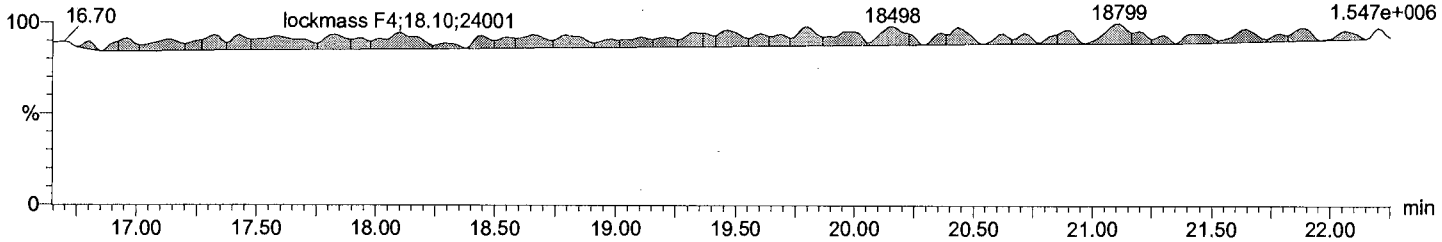
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



lockmass F4

M1170609B06 Smooth(SG,3x1)

EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 9:57:29 AM

Printed: Monday, June 12, 2017 9:58:16 AM

Description: EIY561-01R, 5x

Vial: 6

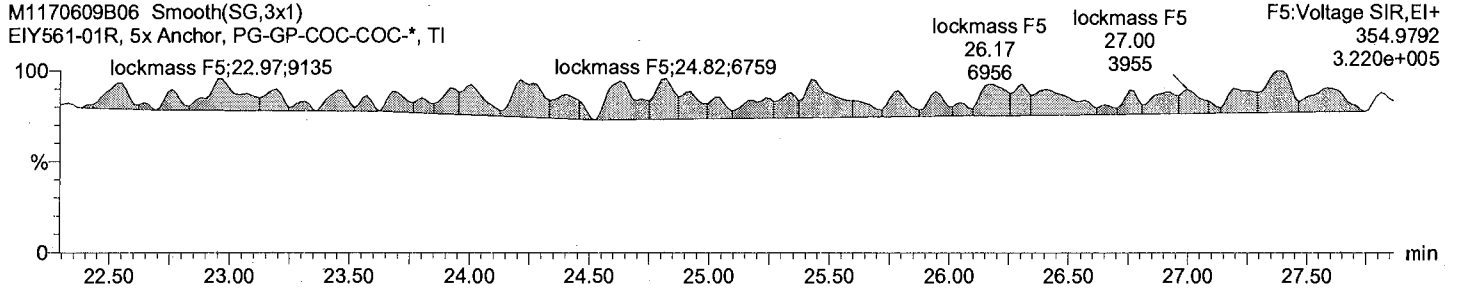
Date: 09-Jun-2017

Time: 22:51:57

Instrument:

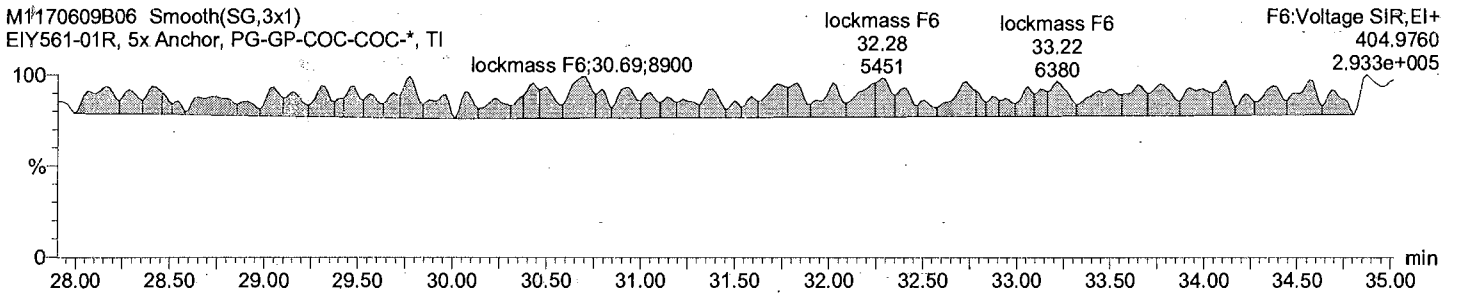
lockmass F5

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



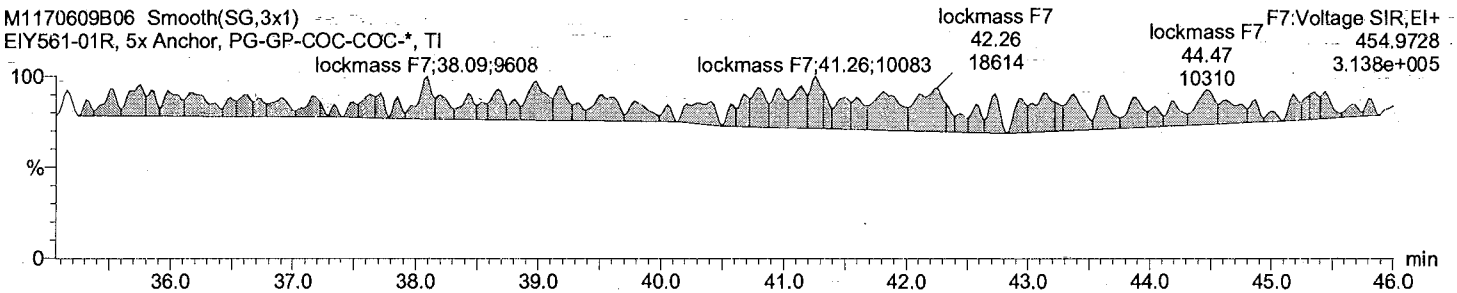
lockmass F6

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



lockmass F7

M1170609B06 Smooth(SG,3x1)  
EIY561-01R, 5x Anchor, PG-GP-COC-COC-\*, TI



Filename M1170609B07

Acquired 06/09/2017 23:42

Call File PCB209\_M1170609B

Sample ID EIY562-01R, 5x

Comments

Instrument File Ultima 1

Sample Size 10.041

Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	Isomers	DL	S/N	Mod	rf	Rec
1 PCB 1	188	NotFnd	*	*	*				0.001		no	1.053	-
	MoCB 190	8.81	*	no	*								
2 PCB 2	188	NotFnd	*	*	*				0.001		no	1.198	-
	MoCB 190	9.92	*	no	*								
3 PCB 3	188	NotFnd	*	*	*				0.001		no	1.055	-
	MoCB 190	10.01	*	no	*								
4 PCB 4	222	NotFnd	*	*	*				0.004		no	1.191	-
	DICB 224	10.12	*	no	*								
5 PCB 10	222	NotFnd	*	*	*				0.002		no	1.156	-
	DICB 224	10.21	*	no	*								
6 PCB 9	222	NotFnd	*	*	*				0.007		no	1.544	-
	DICB 224	11.01	*	no	*								
7 PCB 7	222	NotFnd	*	*	*				0.007		no	1.399	-
	DICB 224	11.09	*	no	*								
8 PCB 6	222	NotFnd	*	*	*				0.007		no	1.424	-
	DICB 224	11.19	*	no	*								
9 PCB 5	222	NotFnd	*	*	*				0.007		no	1.462	-
	DICB 224	11.31	*	no	*								
10 PCB 8	222	NotFnd	*	*	*				0.007		no	1.443	-
	DICB 224	11.38	*	no	*								
11 PCB 14	222	NotFnd	*	*	*				0.007		no	1.506	-
	DICB 224	12.03	*	no	*								
12 PCB 11	222	12.41	3123	0.8	7037	0.016242			0.007	32	no	1.42	-
	DICB 224	12.40	3914	no	*					3			
13 PCB 13/12	222	NotFnd	*	*	*				0.007		no	1.443	-
	DICB 224	12.54	*	no	*								
14 PCB 15	222	NotFnd	*	*	*				0.009		no	0.956	-
	DICB 224	12.68	*	no	*								
15 PCB 19	256	NotFnd	*	*	*				0.004		no	1.06	-
	TriCB 258	11.48	*	no	*								
16 PCB 30/18	256	12.27	2727	1.2	4995	0.012451			0.002	33	no	1.033	-
	TriCB 258	12.27	2288	no	*					51			
17 PCB 17	256	NotFnd	*	*	*				0.003		no	0.838	-
	TriCB 258	12.48	*	no	*								
18 PCB 27	256	NotFnd	*	*	*				0.002		no	1.164	-
	TriCB 258	12.56	*	no	*								
19 PCB 24	256	NotFnd	*	*	*				0.002		no	1.35	-
	TriCB 258	12.61	*	no	*								
20 PCB 16	256	NotFnd	*	*	*				0.004		no	0.606	-
	TriCB 258	12.69	*	no	*								
21 PCB 32	256	NotFnd	*	*	*				0.002		no	1.334	-
	TriCB 258	12.90	*	no	*								
22 PCB 34	256	NotFnd	*	*	*				0.001		no	1.427	-
	TriCB 258	13.48	*	no	*								
23 PCB 23	256	NotFnd	*	*	*				0.001		no	1.32	-
	TriCB 258	13.56	*	no	*								
24 PCB 26/29	256	NotFnd	*	*	*				0.001		no	1.443	-
	TriCB 258	13.72	*	no	*								
25 PCB 25	256	NotFnd	*	*	*				0.001		no	1.389	-
	TriCB 258	13.85	*	no	*								
26 PCB 31	256	13.98	1483	1.34	2592	0.004372			0.001	32	no	1.527	-
	TriCB 258	14.01	1108	no	*					11			
27 PCB 28/20	256	NotFnd	*	*	*				0.001		no	1.441	-
	TriCB 258	14.16	*	no	*								
28 PCB 21/33	256	14.25	1783	1	3562	0.006596			0.001	40	no	1.391	-
	TriCB 258	14.27	1780	yes	*					16			
29 PCB 22	256	NotFnd	*	*	*				0.001		no	1.357	-
	TriCB 258	14.47	*	no	*								
30 PCB 36	256	NotFnd	*	*	*				0.001		no	1.632	-
	TriCB 258	15.30	*	no	*								
31 PCB 39	256	NotFnd	*	*	*				0.001		no	1.448	-
	TriCB 258	15.50	*	no	*								
32 PCB 38	256	NotFnd	*	*	*				0.001		no	1.474	-
	TriCB 258	15.87	*	no	*								
33 PCB 35	256	NotFnd	*	*	*				0.001		no	1.4	-
	TriCB 258	16.10	*	no	*								
34 PCB 37	256	NotFnd	*	*	*				0.001		no	0.951	-
	TriCB 258	16.36	*	no	*								
35 PCB 54	290	NotFnd	*	*	*				0.001		no	1.071	-
	TCB 292	12.82	*	no	*								
36 PCB 53/50	290	NotFnd	*	*	*				0.008		no	0.861	-
	TCB 292	13.86	*	no	*								
37 PCB 45/51	290	NotFnd	*	*	*				0.008		no	0.832	-
	TCB 292	14.21	*	no	*								
38 PCB 46	290	NotFnd	*	*	*				0.01		no	0.718	-
	TCB 292	14.35	*	no	*								
39 PCB 52	290	15.07	4691	0.67	11655	0.199574			0.007	109	no	0.961	-
	TCB 292	15.05	6964	yes	*					83			
40 PCB 73	290	NotFnd	*	*	*				0.007		no	1.012	-
	TCB 292	15.14	*	no	*								
41 PCB 43	290	NotFnd	*	*	*				0.009		no	0.787	-
	TCB 292	15.21	*	no	*								
42 PCB 69/49	290	15.34	1242	0.75	2891	0.04992			0.007	29	no	0.953	-
	TCB 292	15.34	1649	yes	*					18			

43 PCB 48	290	15.52	1646	0.98	3327	0.064551	0.008	33	no	0.848	-
	TCB 292	15.50	1681	no				19			
44 PCB 44/47/65	290	15.64	1771	0.89	3754	0.067385	0.008	27	no	0.917	-
	TCB 292	15.64	1984	no				15			
45 PCB 59/62/75	290	NotFnd	*	*	*		0.006		no	1.12	-
	TCB 292	15.84	*	no	*						
46 PCB 42	290	NotFnd	*	*	*		0.01		no	0.728	-
	TCB 292	15.94	*	no	*						
47 PCB 40/41/71	290	NotFnd	*	*	*		0.008		no	0.85	-
	TCB 292	16.23	*	no	*						
48 PCB 64	290	NotFnd	*	*	*		0.006		no	1.079	-
	TCB 292	16.37	*	no	*						
49 PCB 72	290	NotFnd	*	*	*		0.003		no	1.426	-
	TCB 292	16.89	*	no	*						
50 PCB 68	290	NotFnd	*	*	*		0.003		no	1.39	-
	TCB 292	17.07	*	no	*						
51 PCB 57	290	NotFnd	*	*	*		0.003		no	1.359	-
	TCB 292	17.35	*	no	*						
52 PCB 58	290	NotFnd	*	*	*		0.004		no	1.206	-
	TCB 292	17.49	*	no	*						
53 PCB 67	290	NotFnd	*	*	*		0.003		no	1.485	-
	TCB 292	17.58	*	no	*						
54 PCB 63	290	NotFnd	*	*	*		0.003		no	1.419	-
	TCB 292	17.75	*	no	*						
55 PCB 61/70/74/76	290	17.98	3052	0.77	7020	0.087619	0.003	52	no	1.318	-
	TCB 292	18.00	3968	yes				48			
56 PCB 66	290	NotFnd	*	*	*		0.003		no	1.384	-
	TCB 292	18.23	*	no	*						
57 PCB 55	290	NotFnd	*	*	*		0.004		no	1.248	-
	TCB 292	18.35	*	no	*						
58 PCB 56	290	NotFnd	*	*	*		0.003		no	1.286	-
	TCB 292	18.69	*	no	*						
59 PCB 60	290	NotFnd	*	*	*		0.003		no	1.277	-
	TCB 292	18.86	*	no	*						
60 PCB 80	290	NotFnd	*	*	*		0.003		no	1.5	-
	TCB 292	19.09	*	no	*						
61 PCB 79	290	NotFnd	*	*	*		0.003		no	1.544	-
	TCB 292	20.22	*	no	*						
62 PCB 78	290	NotFnd	*	*	*		0.003		no	1.394	-
	TCB 292	20.66	*	no	*						
63 PCB 81	290	NotFnd	*	*	*		0.309		no	1.02	-
	TCB 292	21.00	*	no	*						
64 PCB 77	290	NotFnd	*	*	*		0.666		no	1.016	-
	TCB 292	21.38	*	no	*						
65 PCB 104	326	NotFnd	*	*	*		0		no	1.194	-
	PeCB 328	15.62	*	no	*						
66 PCB 96	326	NotFnd	*	*	*		0		no	0.819	-
	PeCB 328	15.84	*	no	*						
67 PCB 103	326	NotFnd	*	*	*		0.001		no	0.834	-
	PeCB 328	16.96	*	no	*						
68 PCB 94	326	NotFnd	*	*	*		0.001		no	0.668	-
	PeCB 328	17.10	*	no	*						
69 PCB 95	326	NotFnd	*	*	*		0.001		no	0.789	-
	PeCB 328	17.38	*	no	*						
70 PCB 100/93/102/98	326	NotFnd	*	*	*		0.001		no	0.724	-
	PeCB 328	17.52	*	no	*						
71 PCB 88/91	326	NotFnd	*	*	*		0.001		no	0.739	-
	PeCB 328	17.93	*	no	*						
72 PCB 84	326	NotFnd	*	*	*		0.001		no	0.66	-
	PeCB 328	18.10	*	no	*						
73 PCB 89	326	NotFnd	*	*	*		0.001		no	0.717	-
	PeCB 328	18.43	*	no	*						
74 PCB 121	326	NotFnd	*	*	*		0.001		no	0.972	-
	PeCB 328	18.68	*	no	*						
75 PCB 92	326	NotFnd	*	*	*		0.001		no	0.75	-
	PeCB 328	18.94	*	no	*						
76 PCB 113/90/101	326	NotFnd	*	*	*		0.001		no	0.856	-
	PeCB 328	19.36	*	no	*						
77 PCB 83/99	326	NotFnd	*	*	*		0.001		no	0.765	-
	PeCB 328	19.82	*	no	*						
78 PCB 112	326	NotFnd	*	*	*		0.001		no	0.907	-
	PeCB 328	19.89	*	no	*						
79 PCB 109/119/86/97/125/326	326	NotFnd	*	*	*		0.001		no	0.874	-
	PeCB 328	20.19	*	no	*						
80 PCB 117/116/85	326	NotFnd	*	*	*		0.001		no	0.912	-
	PeCB 328	20.74	*	no	*						
81 PCB 110/115	326	NotFnd	*	*	*		0.001		no	0.93	-
	PeCB 328	20.86	*	no	*						
82 PCB 82	326	NotFnd	*	*	*		0.001		no	0.681	-
	PeCB 328	21.13	*	no	*						
83 PCB 111	326	NotFnd	*	*	*		0.001		no	1.022	-
	PeCB 328	21.42	*	no	*						
84 PCB 120	326	NotFnd	*	*	*		0.001		no	1.091	-
	PeCB 328	21.78	*	no	*						
85 PCB 108/124	326	NotFnd	*	*	*		0		no	1.201	-
	PeCB 328	22.77	*	no	*						
86 PCB 107	326	NotFnd	*	*	*		0		no	1.375	-
	PeCB 328	22.98	*	no	*						
87 PCB 123	326	NotFnd	*	*	*		0.001		no	0.921	-
	PeCB 328	23.07	*	no	*						
88 PCB 106	326	NotFnd	*	*	*		0		no	1.282	-
	PeCB 328	23.19	*	no	*						
89 PCB 118	326	23.34	2606	1.5	4338	0.006752	0.001	47	no	1.028	-
	PeCB 328	23.33	1732	yes				37			

90 PCB 122	326	NotFnd	*	*	*	0	no	1.158	-		
	PeCB 328	23.63	*	no	*						
91 PCB 114	326	NotFnd	*	*	*	0.001	no	1.023	-		
	PeCB 328	23.82	*	no	*						
92 PCB 105	326	NotFnd	*	*	*	0.001	no	1.024	-		
	PeCB 328	24.37	*	no	*						
93 PCB 127	326	NotFnd	*	*	*	0	no	1.256	-		
	PeCB 328	25.69	*	no	*						
94 PCB 126	326	NotFnd	*	*	*	0.001	no	1.093	-		
	PeCB 328	27.21	*	no	*						
95 PCB 155	360	NotFnd	*	*	*	0.918	no	1.103	-		
	HxCB 362	19.32	*	no	*						
96 PCB 152	360	NotFnd	*	*	*	0.001	no	0.849	-		
	HxCB 362	19.45	*	no	*						
97 PCB 150	360	NotFnd	*	*	*	0.001	no	0.77	-		
	HxCB 362	19.59	*	no	*						
98 PCB 136	360	NotFnd	*	*	*	0.001	no	0.816	-		
	HxCB 362	19.84	*	no	*						
99 PCB 145	360	NotFnd	*	*	*	0.001	no	0.755	-		
	HxCB 362	20.09	*	no	*						
100 PCB 148	360	NotFnd	*	*	*	0.002	no	0.617	-		
	HxCB 362	21.19	*	no	*						
101 PCB 151/135	360	NotFnd	*	*	*	0.002	no	0.6	-		
	HxCB 362	21.67	*	no	*						
102 PCB 154	360	NotFnd	*	*	*	0.002	no	0.691	-		
	HxCB 362	21.88	*	no	*						
103 PCB 144	360	NotFnd	*	*	*	0.002	no	0.618	-		
	HxCB 362	22.13	*	no	*						
104 PCB 147/149	360	NotFnd	*	*	*	0.002	no	0.809	-		
	HxCB 362	22.42	*	no	*						
105 PCB 134/143	360	NotFnd	*	*	*	0.002	no	0.689	-		
	HxCB 362	22.67	*	no	*						
106 PCB 139/140	360	NotFnd	*	*	*	0.002	no	0.804	-		
	HxCB 362	22.94	*	no	*						
107 PCB 131	360	NotFnd	*	*	*	0.002	no	0.649	-		
	HxCB 362	23.12	*	no	*						
108 PCB 142	360	NotFnd	*	*	*	0.002	no	0.718	-		
	HxCB 362	23.25	*	no	*						
109 PCB 132	360	NotFnd	*	*	*	0.002	no	0.7	-		
	HxCB 362	23.50	*	no	*						
110 PCB 133	360	NotFnd	*	*	*	0.002	no	0.786	-		
	HxCB 362	23.93	*	no	*						
111 PCB 165	360	NotFnd	*	*	*	0.001	no	0.992	-		
	HxCB 362	24.22	*	no	*						
112 PCB 146	360	24.42	1422	1	2851	0.007721	0.001	26	no	0.895	-
	HxCB 362	24.42	1429	no	*			16			
113 PCB 161	360	NotFnd	*	*	*	0.001	no	1.015	-		
	HxCB 362	24.54	*	no	*						
114 PCB 153/168	360	24.97	7306	1.28	13003	0.031734	0.001	110	no	0.993	-
	HxCB 362	25.00	5697	yes	*			62			
115 PCB 141	360	NotFnd	*	*	*	0.002	no	0.784	-		
	HxCB 362	25.15	*	no	*						
116 PCB 130	360	NotFnd	*	*	*	0.002	no	0.716	-		
	HxCB 362	25.52	*	no	*						
117 PCB 137	360	NotFnd	*	*	*	0.002	no	0.675	-		
	HxCB 362	25.75	*	no	*						
118 PCB 164	360	NotFnd	*	*	*	0.001	no	1.109	-		
	HxCB 362	25.84	*	no	*						
119 PCB 138/163/129	360	26.13	5242	1.16	9773	0.027959	0.001	80	no	0.847	-
	HxCB 362	26.16	4531	yes	*			47			
120 PCB 160	360	NotFnd	*	*	*	0.001	no	0.943	-		
	HxCB 362	26.31	*	no	*						
121 PCB 158	360	NotFnd	*	*	*	0.001	no	1.103	-		
	HxCB 362	26.48	*	no	*						
122 PCB 128/166	360	NotFnd	*	*	*	0.001	no	0.934	-		
	HxCB 362	27.32	*	no	*						
123 PCB 159	360	NotFnd	*	*	*	0	no	1.254	-		
	HxCB 362	28.28	*	no	*						
124 PCB 162	360	NotFnd	*	*	*	0	no	1.204	-		
	HxCB 362	28.54	*	no	*						
125 PCB 167	360	NotFnd	*	*	*	0	no	1.103	-		
	HxCB 362	29.03	*	no	*						
126 PCB 156/157	360	NotFnd	*	*	*	0	no	1.047	-		
	HxCB 362	30.19	*	no	*						
127 PCB 169	360	NotFnd	*	*	*	0.001	no	1.04	-		
	HxCB 362	33.57	*	no	*						
128 PCB 188	394	NotFnd	*	*	*	-0.00299	-0.00299	*	no	1.069	-
	HpCB 396	23.78	*	no	*			*			
129 PCB 179	394	NotFnd	*	*	*	-0.00285	-0.00285	*	no	1.122	-
	HpCB 396	24.07	*	no	*			*			
130 PCB 184	394	NotFnd	*	*	*	-0.00303	-0.00303	*	no	1.054	-
	HpCB 396	24.54	*	no	*			*			
131 PCB 176	394	NotFnd	*	*	*	-0.00309	-0.00309	*	no	1.032	-
	HpCB 396	24.85	*	no	*			*			
132 PCB 186	394	NotFnd	*	*	*	-0.00331	-0.00331	*	no	0.965	-
	HpCB 396	25.26	*	no	*			*			
133 PCB 178	394	NotFnd	*	*	*	-0.00415	-0.00415	*	no	0.77	-
	HpCB 396	26.54	*	no	*			*			
134 PCB 175	394	NotFnd	*	*	*	-0.00398	-0.00398	*	no	0.803	-
	HpCB 396	27.13	*	no	*			*			
135 PCB 187	394	27.39	2104	1.14	3944	0.009376	-0.00392	6	no	0.814	-
	HpCB 396	27.37	1840	yes	*			7			
136 PCB 182	394	NotFnd	*	*	*	-0.00401	-0.00401	*	no	0.797	-
	HpCB 396	27.58	*	no	*			*			

137	PCB 183	394	28.01	-694.05	1.05	-1355.05	-0.00259	PCB 183 NDR	-0.00256	4	xL	1.01	-
		HpCB 396	28.00	-661	OK	*	*			3			
138	PCB 185	394	NotFnd	*	*	*	-0.00318		-0.00318	*	no	0.813	-
		HpCB 396	28.09	*	no	*	*			*			
139	PCB 174	394	28.24	-598.5	1.05	-1168.5	-0.00287		-0.00287	*	Op-O	0.901	-
		HpCB 396	28.25	-570	OK	*	*			*			
140	PCB 177	394	28.64	921	0.94	1898	0.004184		-0.00294	5	yes	0.878	-
		HpCB 396	28.66	977	yes	*	*			5			
141	PCB 181	394	NotFnd	*	*	*	-0.00291		-0.00291	*	no	0.887	-
		HpCB 396	29.07	*	no	*	*			*			
142	PCB 171/173	394	NotFnd	*	*	*	-0.00302		-0.00302	*	no	0.854	-
		HpCB 396	29.29	*	no	*	*			*			
143	PCB 172	394	NotFnd	*	*	*	-0.00297		-0.00297	*	no	0.869	-
		HpCB 396	30.93	*	no	*	*			*			
144	PCB 192	394	NotFnd	*	*	*	-0.00244		-0.00244	*	no	1.06	-
		HpCB 396	31.25	*	no	*	*			*			
145	PCB 193/180	394	31.63	2705	1.11	5151	0.009318		-0.0022	13	yes	1.172	-
		HpCB 396	31.60	2446	yes	*	*			11			
146	PCB 191	394	NotFnd	*	*	*	-0.00218		-0.00218	*	no	1.186	-
		HpCB 396	31.98	*	no	*	*			*			
147	PCB 170	394	NotFnd	*	*	*	-0.0022		-0.0022	*	no	1.171	-
		HpCB 396	32.95	*	no	*	*			*			
148	PCB 190	394	NotFnd	*	*	*	-0.00222		-0.00222	*	no	1.165	-
		HpCB 396	33.51	*	no	*	*			*			
149	PCB 189	394	NotFnd	*	*	*	*		0	*	no	0.922	-
		HpCB 396	36.32	*	no	*	*			*			
150	PCB 202	428	NotFnd	*	*	*	-0.00287		-0.00287	*	no	1.031	-
		OcCB 430	28.79	*	no	*	*			*			
151	PCB 201	428	NotFnd	*	*	*	-0.00274		-0.00274	*	no	1.078	-
		OcCB 430	29.71	*	no	*	*			*			
152	PCB 204	428	NotFnd	*	*	*	-0.00279		-0.00279	*	no	1.06	-
		OcCB 430	30.40	*	no	*	*			*			
153	PCB 197	428	NotFnd	*	*	*	-0.00273		-0.00273	*	no	1.082	-
		OcCB 430	30.63	*	no	*	*			*			
154	PCB 200	428	NotFnd	*	*	*	-0.00291		-0.00291	*	no	1.016	-
		OcCB 430	30.74	*	no	*	*			*			
155	PCB 198/199	428	33.67	1156	0.86	2496	0.006166		-0.0038	6	yes	0.777	-
		OcCB 430	33.68	1340	yes	*	*			4			
156	PCB 196	428	NotFnd	*	*	*	-0.00361		-0.00361	*	no	0.819	-
		OcCB 430	34.40	*	no	*	*			*			
157	PCB 203	428	NotFnd	*	*	*	-0.00358		-0.00358	*	no	0.825	-
		OcCB 430	34.60	*	no	*	*			*			
158	PCB 195	428	NotFnd	*	*	*	-0.002		-0.002	*	no	0.931	-
		OcCB 430	36.05	*	no	*	*			*			
159	PCB 194	428	38.69	-647	0.89	-1373.97	-0.00274	PCB 194 NDR	-0.00193	4	xL	0.962	-
		OcCB 430	38.67	-726.966	OK	*	*			4			
160	PCB 205	428	NotFnd	*	*	*	-0.00187		-0.00187	*	no	0.992	-
		OcCB 430	39.22	*	no	*	*			*			
161	PCB 208	462	NotFnd	*	*	*	*		0.002	*	no	1.042	-
		NoCB 464	35.81	*	no	*	*			*			
162	PCB 207	462	NotFnd	*	*	*	*		0.002	*	no	1.302	-
		NoCB 464	36.84	*	no	*	*			*			
163	PCB 206	462	41.19	1118	1.06	2170	0.005767		0.003	12	no	1.017	-
		NoCB 464	41.19	1052	no	*	*			4			
164	PCB 209	498	43.06	2499	1.41	4272	0.012708		0.001	111	no	1.026	-
		DCB 500	43.06	1773	no	*	*			54			
165	PCB 1L	200	8.81	41726	3.42	53927	0.069787		0.005	573	no	0.997	35
		202	8.82	12201	yes	*	*			14			
166	PCB 3L	200	10.00	42031	2.36	59825	0.073501		0.005	565	no	1.05	37
		202	9.99	17794	no	*	*			16			
167	PCB 4L	234	10.11	14855	1.27	26525	0.073704		0.003	65	no	0.464	37
		236	10.10	11671	no	*	*			219			
168	PCB 15L	234	12.68	60739	1.77	95016	0.104984		0.002	96	no	1.168	53
		236	12.69	34277	yes	*	*			209			
169	PCB 19L	268	11.48	20080	1.15	37481	0.090258		0.007	38	no	0.536	45
		270	11.47	17401	yes	*	*			33			
170	PCB 37L	268	16.35	58550	1	117210	0.14458		0.005	62	no	1.848	73
		270	16.33	58660	yes	*	*			119			
171	PCB 54L	302	12.82	15845	0.78	36091	0.102555		0.002	102	no	0.802	51
		304	12.81	20246	yes	*	*			302			
172	PCB 81L	302	20.98	20	0.14	156	0.000223		0	0	yes	1.597	0
		304	20.95	137	no	*	*			0			
173	PCB 77L	302	21.36	3	0.04	74	0.000106		0	0	yes	1.607	0
		304	21.40	71	no	*	*			0			
174	PCB 104L	338	15.60	33868	1.51	56217	251.076		0.364	1992	no	0.912	1E+05
		340	15.61	22349	yes	*	*			1725			
175	PCB 123L	338	23.05	83971	1.63	135464	348.8668		1.46	770	no	1.581	2E+05
		340	22.99	51493	yes	*	*			346			
176	PCB 118L	338	23.33	74448	1.49	124474	335.6844		1.528	667	no	1.51	2E+05
		340	23.28	50025	yes	*	*			324			
177	PCB 114L	338	23.80	73548	1.54	121364	335.8831		1.569	655	no	1.471	2E+05
		340	23.74	47816	yes	*	*			316			
178	PCB 105L	338	24.35	76646	1.51	127466	348.6854		1.55	688	no	1.488	2E+05
		340	24.30	50820	yes	*	*			322			
179	PCB 126L	338	27.19	67632	1.62	109350	309.0374		1.602	558	no	1.44	2E+05
		340	27.11	41718	yes	*	*			259			
180	PCB 155L	372	19.30	2	0.09	26	0.000063		0	1	yes	1.01	0
		374	19.26	24	no	*	*			0			
181	PCB 167L	372	29.00	70535	1.3	124632	0.212269		0.001	413	no	1.424	107
		374	28.99	54097	yes	*	*			507			
182	PCB 156L/157L	372	30.16	141438	1.23	256555	0.416331		0.001	656	no	1.495	105
		374	30.14	115118	yes	*	*			908			
183	PCB 169L	372	33.54	42129	1.25	75783	0.121101		0.001	235	no	1.518	61
		374	33.53	33654	yes	*	*			294			

184 PCB 188L	406	23.76	51307	1.01	101945	0.216429	0.001	884	no	1.142	109
	408	23.77	50639	yes				2038			
185 PCB 180L	406	31.60	49316	1.1	93977	0.188642	0.001	543	no	1.343	95
	408	31.57	44660	yes				1940			
186 PCB 170L	406	32.91	39399	0.99	79024	0.186614	0.001	416	no	1.141	94
	408	32.89	39625	yes				1687			
187 PCB 189L	406	36.28	70878	1.08	136819	0.191766	0.002	280	no	1.923	96
	408	36.29	65941	yes				518			
188 PCB 202L	440	28.76	46199	0.87	99114	0.197458	0	1787	no	1.353	99
	442	28.75	52915	yes				2390			
189 PCB 205L	440	39.18	50867	0.88	108369	0.205133	0.002	381	no	1.424	103
	442	39.19	57502	yes				440			
190 PCB 208L	474	35.77	39527	0.8	88982	0.183174	0.001	616	no	1.309	92
	476	35.79	49455	yes				409			
191 PCB 206L	474	41.19	30798	0.72	73718	0.215152	0.002	419	no	0.924	108
	476	41.20	42921	yes				320			
192 PCB 209L	510	43.02	35868	1.22	65235	0.21227	0	2502	no	0.828	107
	512	43.05	29367	yes				1487			
193 PCB 28L	268	14.11	60792	1.07	117498	0.136008	0.005	72	no	1.969	62
PCB Cleanup Standard	270	14.12	56706	yes				129			
194 PCB 111L	338	21.39	7	0.11	71	0.209936	0.861	1	yes	1.373	95
PCB Cleanup Standard	340	21.36	64	no				1			
195 PCB 178L	406	26.51	35481	1.02	70267	0.232719	0.001	600	no	0.732	105
PCB Cleanup Standard	408	26.51	34786	yes				1417			
196 PCB 31L	268	NotFnd	*	*	*		0.005		no	1.878	
PCB Audit Standard	270	13.97	*	no							
197 PCB 95L	338	NotFnd	*	*	*		1.291		no	0.916	
PCB Audit Standard	340	17.36	*	no							
198 PCB 153L	372	24.95	1188	0.65	3005	0.006215	0.001	19	no	1.173	3
PCB Audit Standard	374	24.97	1817	no				45			
199 PCB 9L	234	10.99	523685	1.57	857339	2.119533	-	942	no	-	-
PCB Recovery Standard	236	11.00	333654	yes				2247			
200 PCB 52L	302	15.05	212324	0.78	485468	2.158638	-	1111	no	-	-
PCB Recovery Standard	304	15.05	273144	yes				2398			
201 PCB 101L	338	19.35	129	0.9	272	0.001331	-	5	yes	-	-
PCB Recovery Standard	340	19.36	143	no				1			
202 PCB 138L	372	26.10	253588	1.25	456176	2.190905	-	4461	no	-	-
PCB Recovery Standard	374	26.07	202589	yes				4174			
203 PCB 194L	440	38.65	197260	0.93	410509	2.189171	-	1417	no	-	-
PCB Recovery Standard	442	38.59	213250	yes				1626			
Chlorobiphenyls						-0.001	0	-0.001			
Dichlorobiphenyls						0.016242	1	-0.009			
Trichlorobiphenyls						0.023419	3	-0.004			
Tetrachlorobiphenyls						0.469049	5	-0.666			
Pentachlorobiphenyls						0.006752	1	-0.001			
Hexachlorobiphenyls						0.067414	3	-0.918			
Heptachlorobiphenyls						0.022878	3	-0.00415			
Octachlorobiphenyls						0.006166	1	-0.0038			
Nonachlorobiphenyls						0.005767	1	-0.003			
Decachlorobiphenyl						0.012708	1	-0.001			
PCB (total)						0.630395					

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Method: C:\MassLynx\Default.PRO\MethDB\1668A\_PCB209\_M1170609B.mdb 10 Jun 2017 07:47:44

Calibration: C:\MassLynx\Default.pro\Curvedb\PCB209\_M1170609B.cdb 10 Jun 2017 07:56:47

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

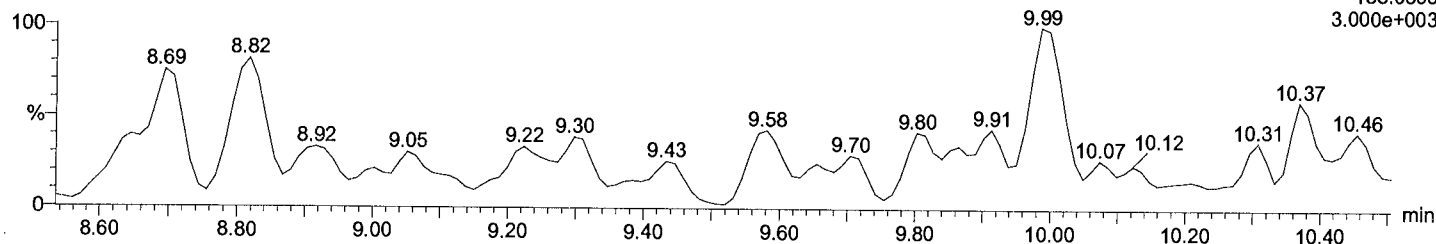
Time: 23:42:07

Instrument:

Total MoCB F1

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

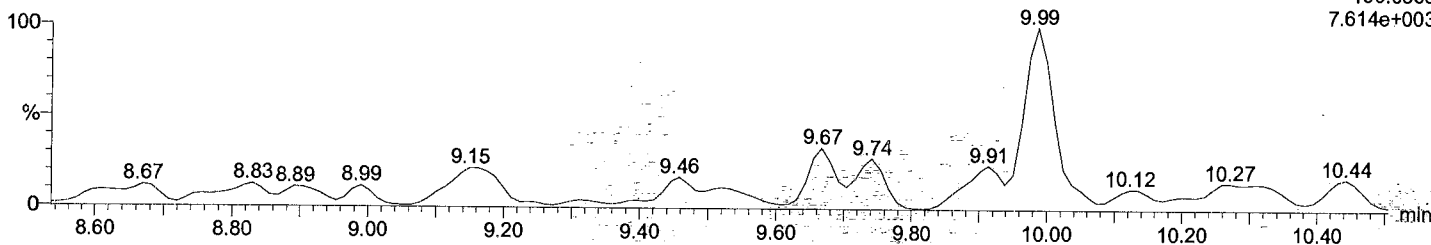
F1:Voltage SIR,EI+  
188.0393  
3.000e+003



Total MoCB F1

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

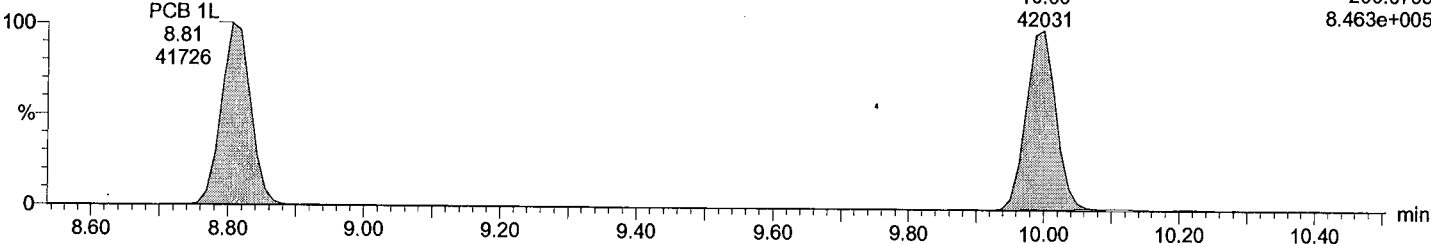
F1:Voltage SIR,EI+  
190.0363  
7.614e+003



Total MoCB labeled F1

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

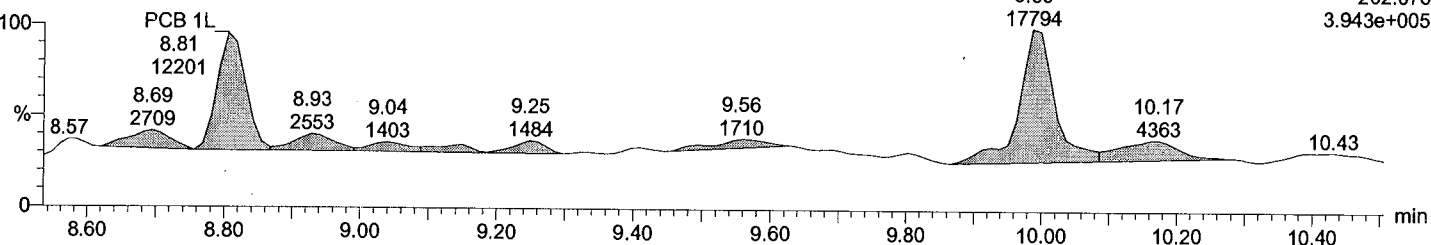
PCB 3L  
10.00  
42031  
F1:Voltage SIR,EI+  
200.0795  
8.463e+005



Total MoCB labeled F1

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

PCB 3L  
9.99  
17794  
F1:Voltage SIR,EI+  
202.076  
3.943e+005





Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

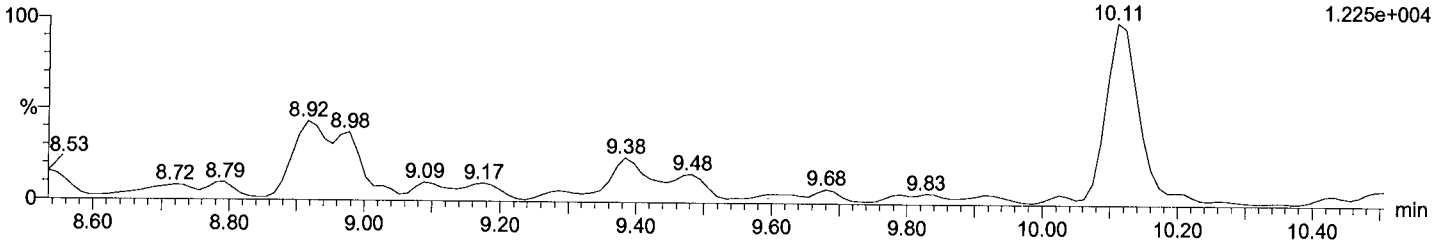
Time: 23:42:07

Instrument:

Total DiCB F1

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

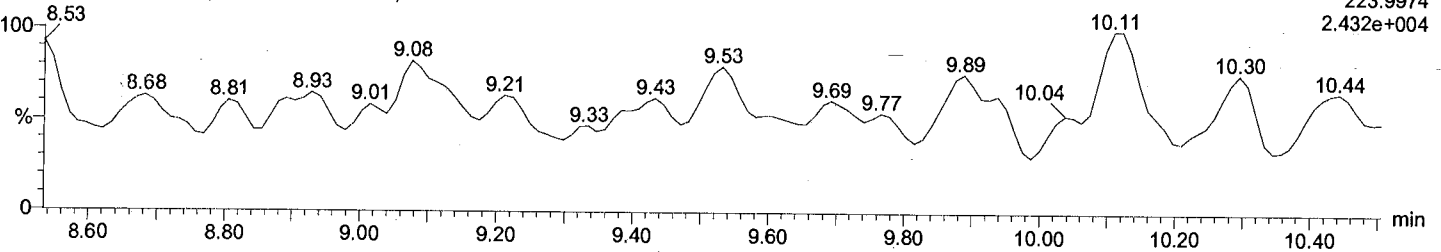
F1:Voltage SIR,EI+  
222.0003  
1.225e+004



Total DiCB F1

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

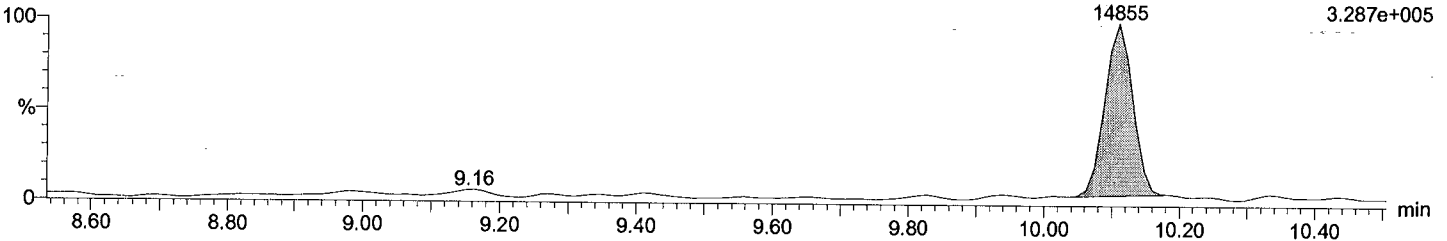
F1:Voltage SIR,EI+  
223.9974  
2.432e+004



Total DiCB labeled F1

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

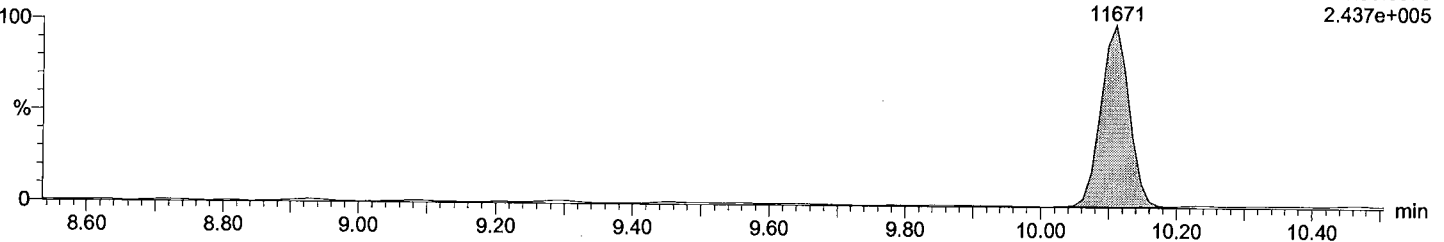
PCB 4L  
10.11  
14855  
F1:Voltage SIR,EI+  
234.0406  
3.287e+005



Total DiCB labeled F1

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

PCB 4L  
10.11  
11671  
F1:Voltage SIR,EI+  
236.0376  
2.437e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

Time: 23:42:07

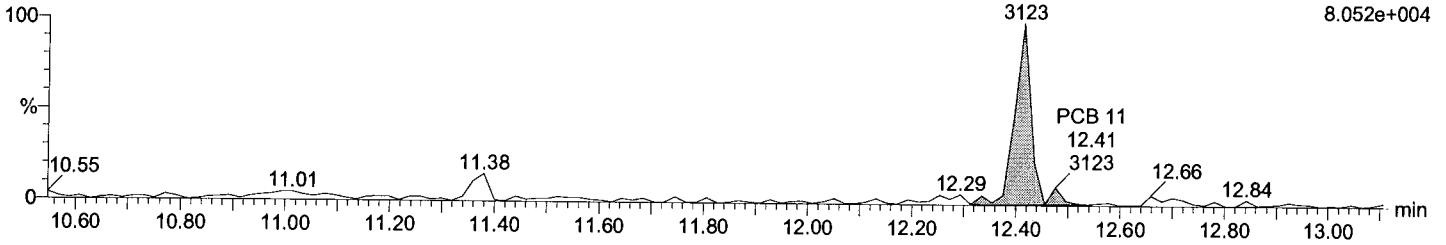
Instrument:

Total DiCB F2

M1170609B07

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
222.0003  
8.052e+004

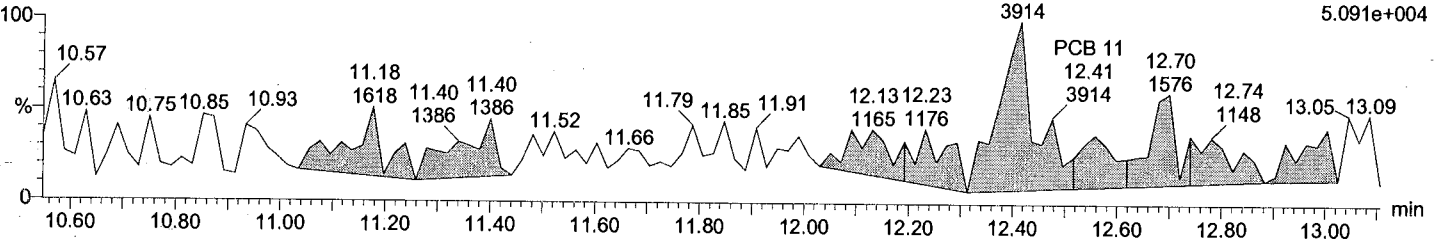


Total DiCB F2

M1170609B07

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
223.9974  
5.091e+004

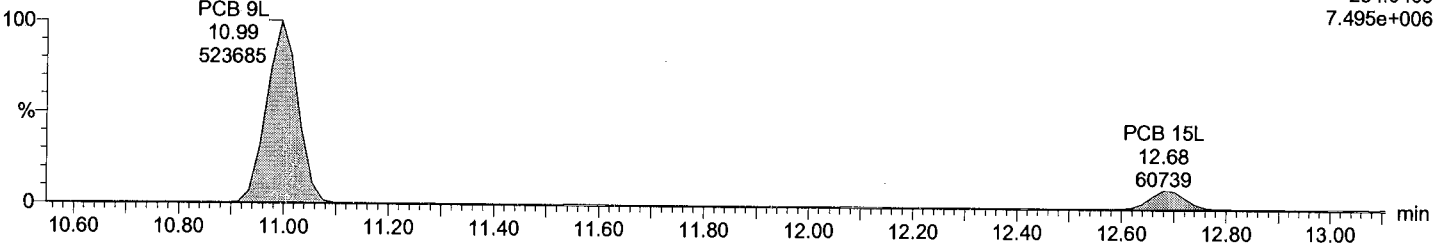


Total DiCB labeled F2

M1170609B07 Smooth(SG,3x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
234.0406  
7.495e+006

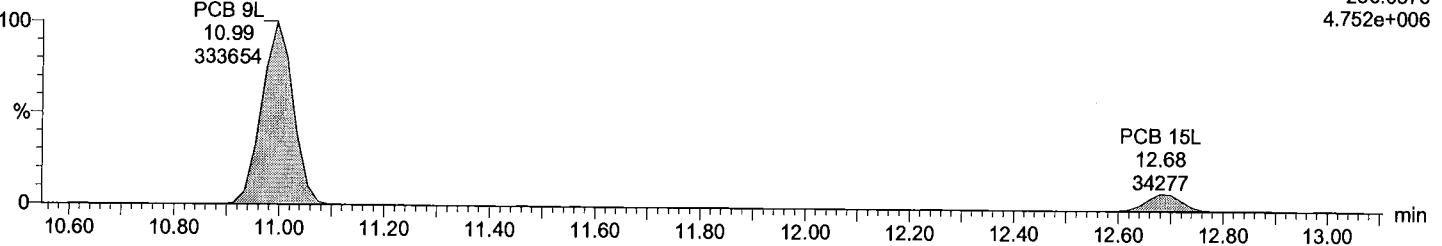


Total DiCB labeled F2

M1170609B07 Smooth(SG,3x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
236.0376  
4.752e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

Time: 23:42:07

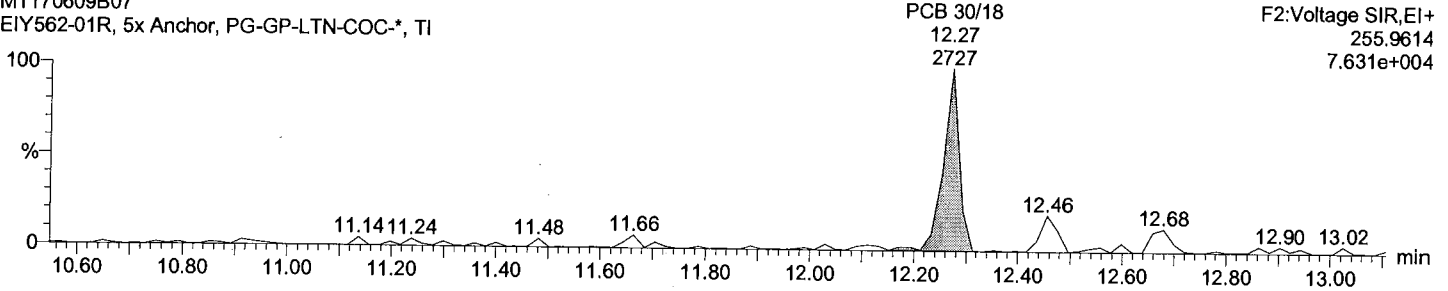
Instrument:

Total TriCB F2

M1170609B07

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
255.9614  
7.631e+004

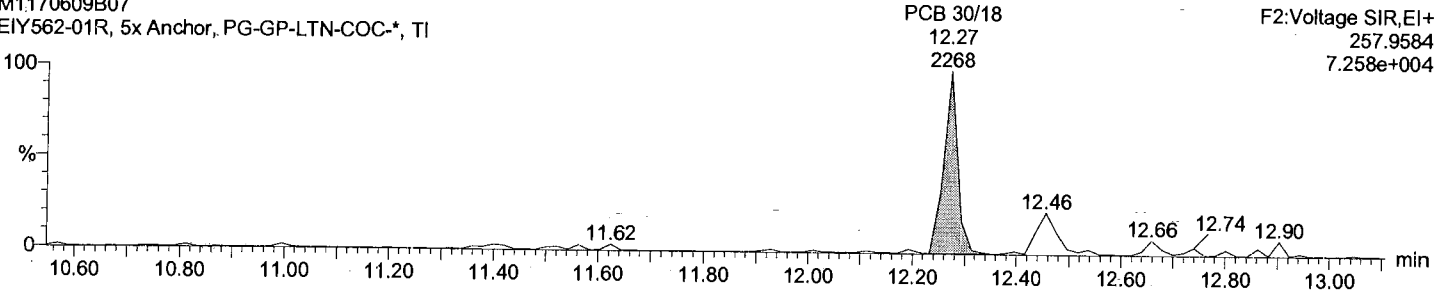


Total TriCB F2

M1170609B07

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
257.9584  
7.258e+004

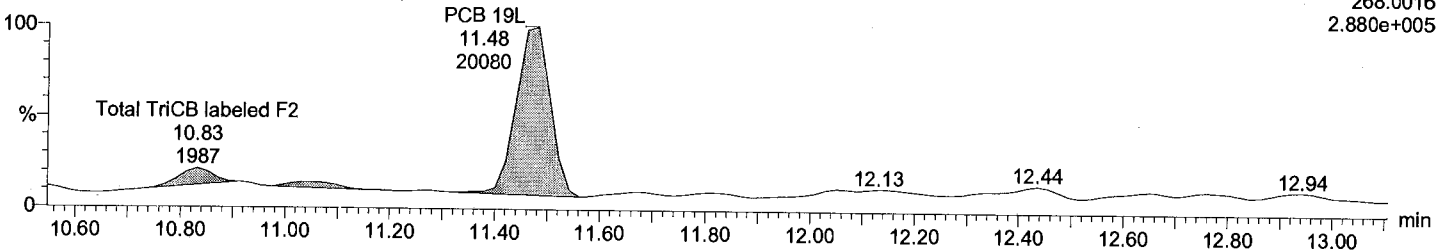


Total TriCB labeled F2

M1170609B07 Smooth(SG,3x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
268.0016  
2.880e+005

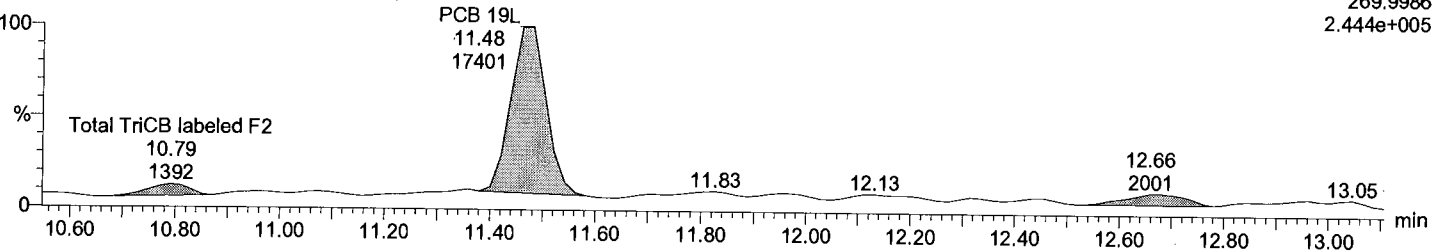


Total TriCB labeled F2

M1170609B07 Smooth(SG,3x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
269.9986  
2.444e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

Time: 23:42:07

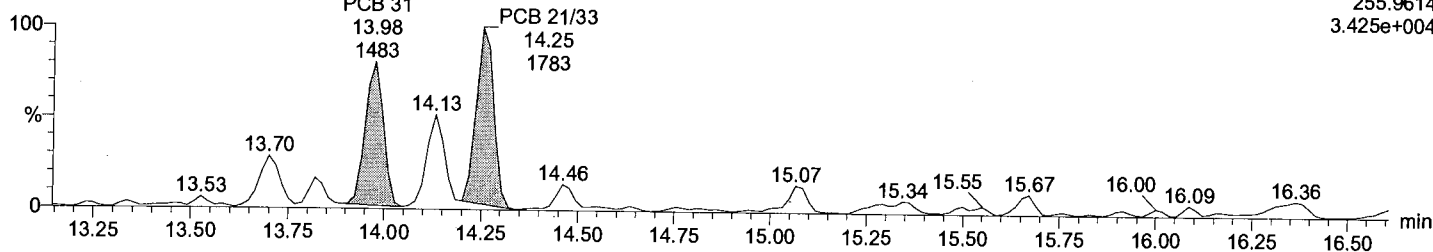
Instrument:

Total TriCB F3

M1170609B07 Smooth(SG,1x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
255.9614  
3.425e+004

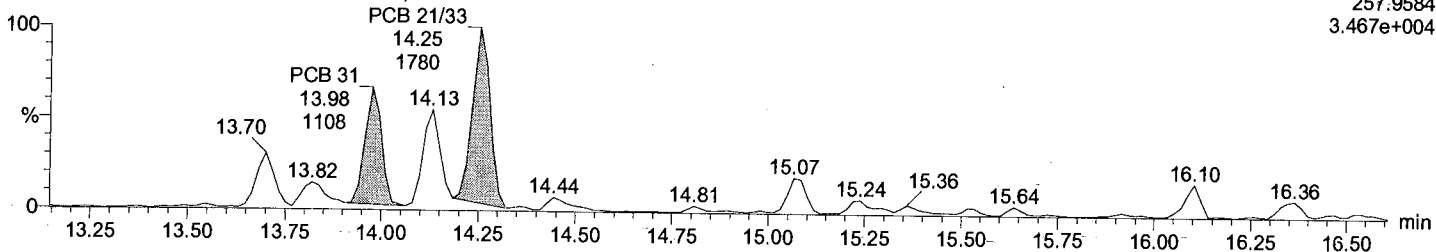


Total TriCB F3

M1170609B07 Smooth(SG,1x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
257.9584  
3.467e+004

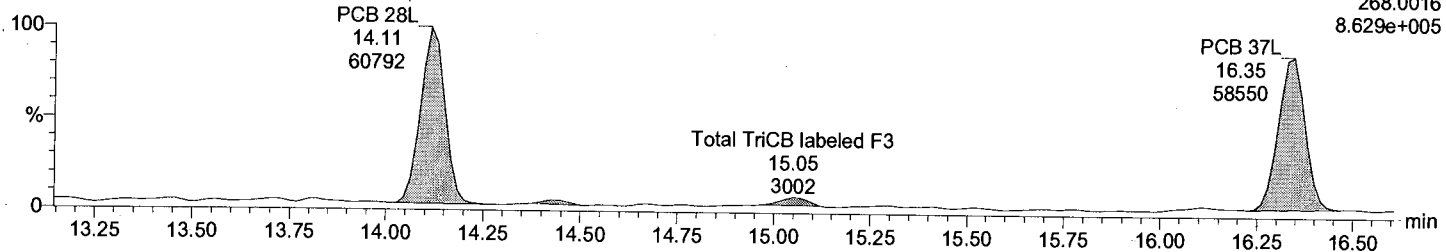


Total TriCB labeled F3

M1170609B07 Smooth(SG,3x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
268.0016  
8.629e+005

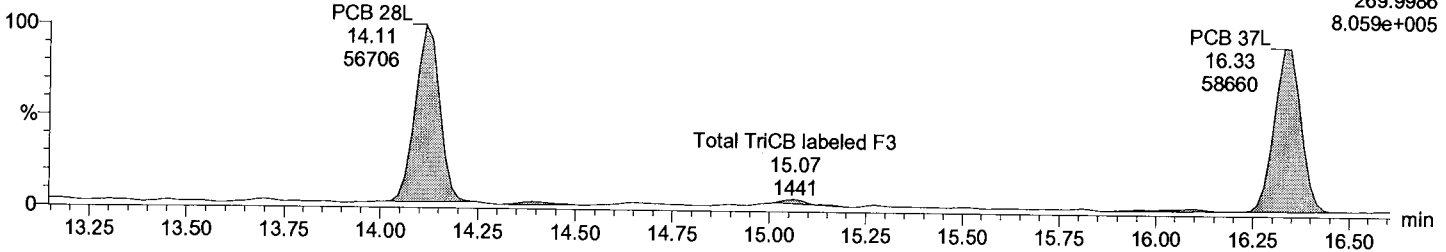


Total TriCB labeled F3

M1170609B07 Smooth(SG,3x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
269.9986  
8.059e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

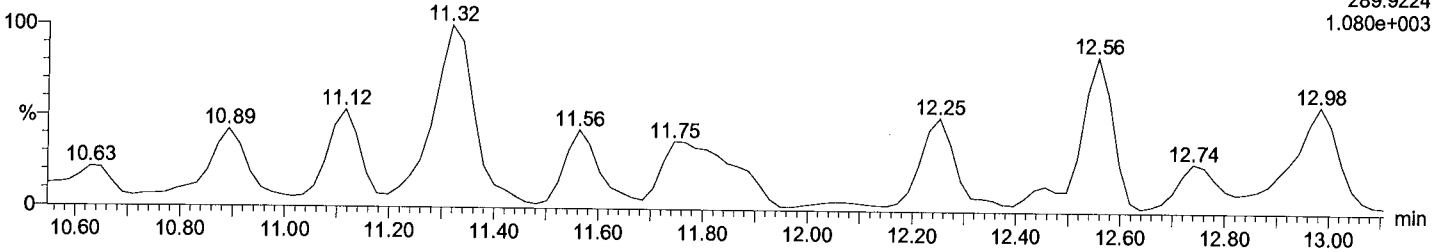
Time: 23:42:07

Instrument:

Total TeCB F2

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

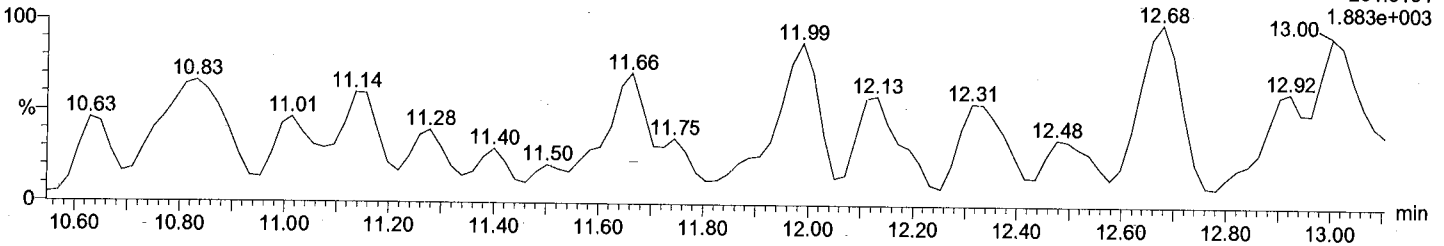
F2:Voltage SIR,EI+  
289.9224  
1.080e+003



Total TeCB F2

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

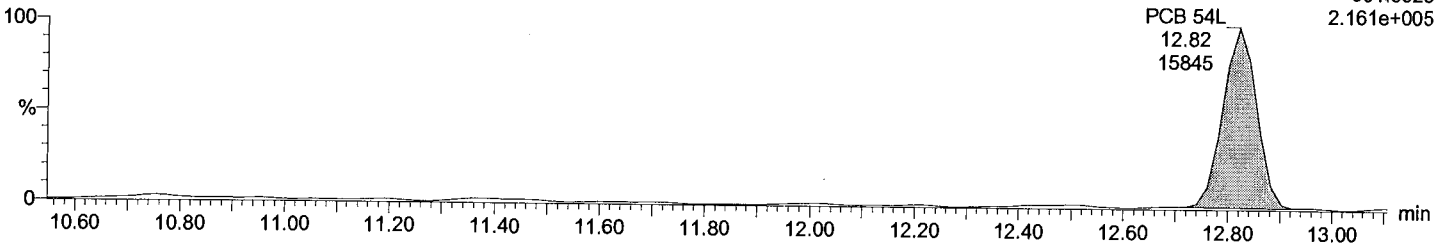
F2:Voltage SIR,EI+  
291.9194  
1.883e+003



Total TeCB labeled F2

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

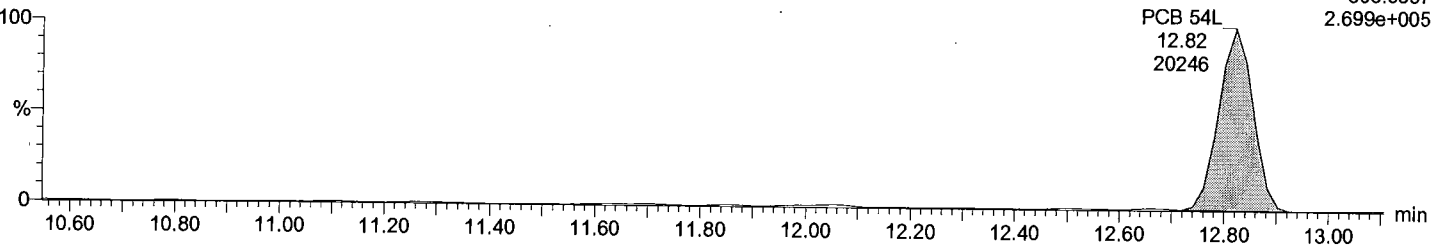
F2:Voltage SIR,EI+  
301.9626  
2.161e+005



Total TeCB labeled F2

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
303.9597  
2.699e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

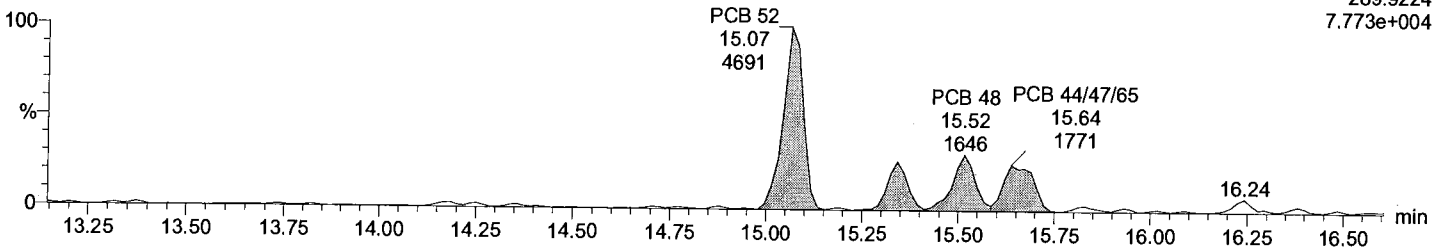
Time: 23:42:07

Instrument:

Total TeCB F3

M1170609B07 Smooth(SG,1x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

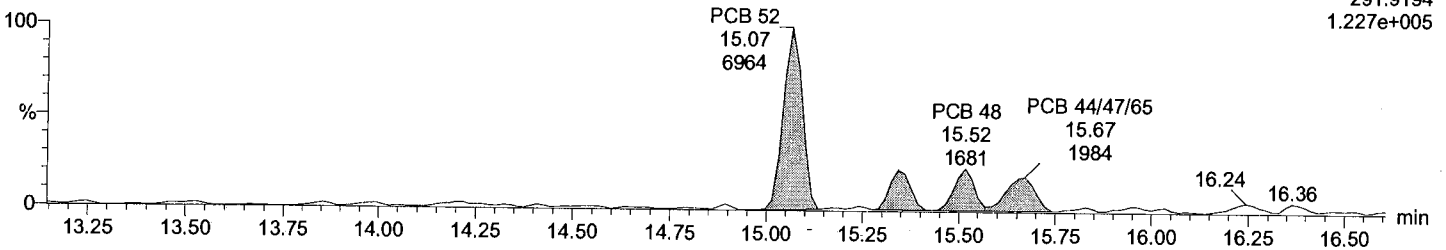
F3:Voltage SIR,EI+  
289.9224  
7.773e+004



Total TeCB F3

M1170609B07 Smooth(SG,1x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

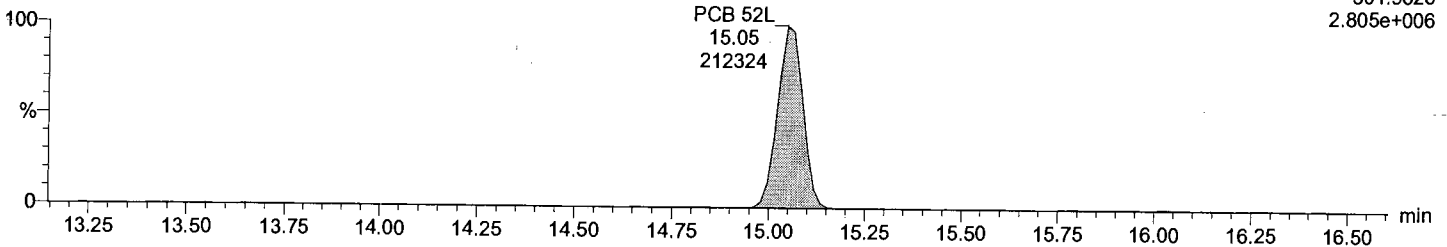
F3:Voltage SIR,EI+  
291.9194  
1.227e+005



Total TeCB labeled F3

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

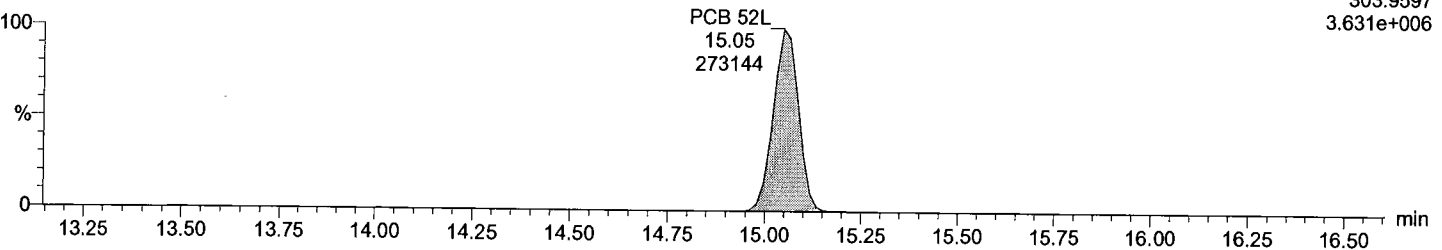
F3:Voltage SIR,EI+  
301.9626  
2.805e+006



Total TeCB labeled F3

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
303.9597  
3.631e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

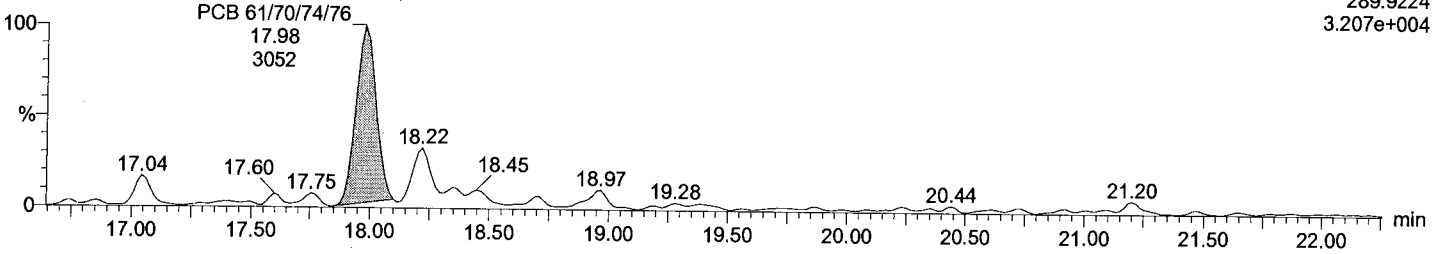
Time: 23:42:07

Instrument:

Total TeCB F4

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

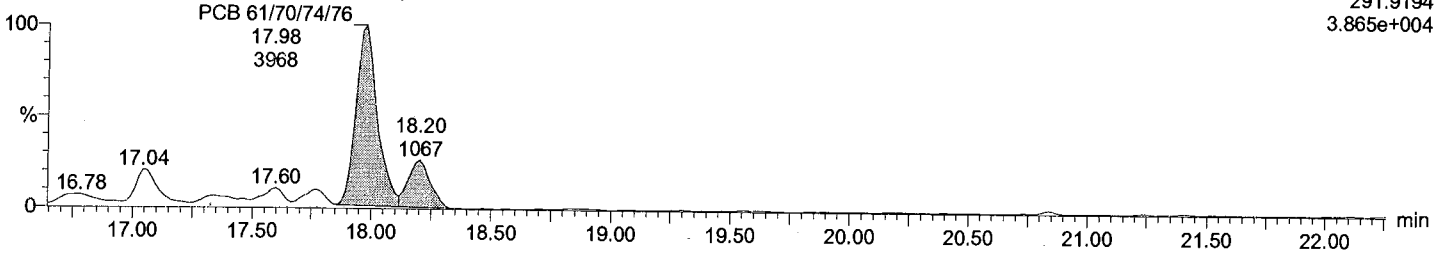
F4:Voltage SIR,EI+  
289.9224  
3.207e+004



Total TeCB F4

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

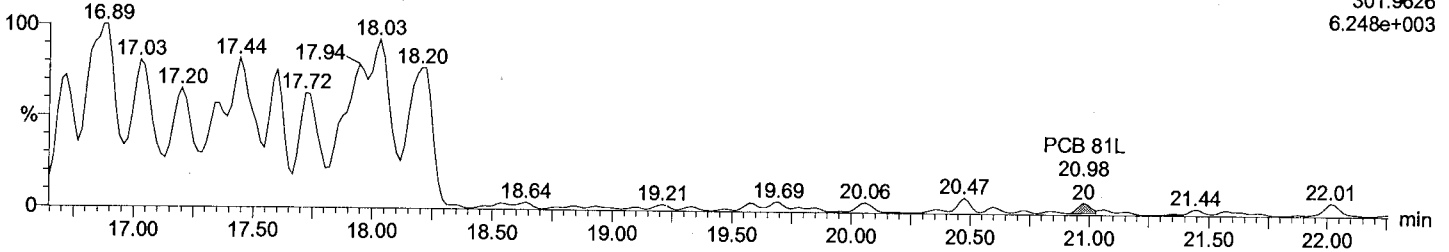
F4:Voltage SIR,EI+  
291.9194  
3.865e+004



Total TeCB labeled F4

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

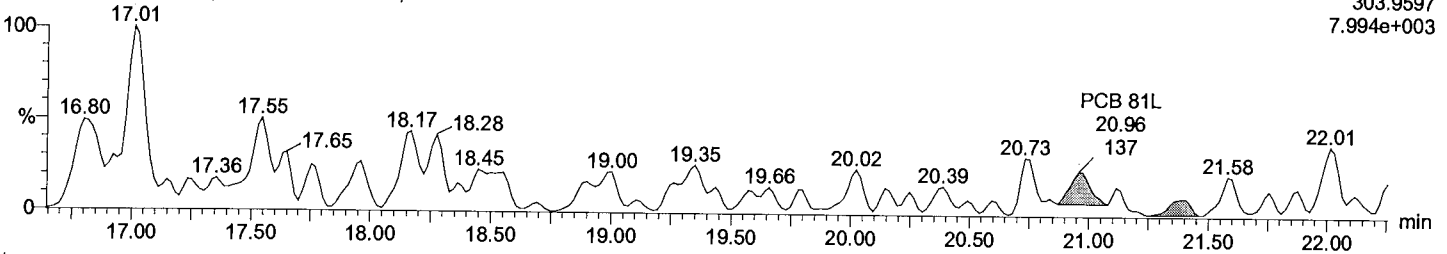
F4:Voltage SIR,EI+  
301.9626  
6.248e+003



Total TeCB labeled F4

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
303.9597  
7.994e+003



**Quantify Sample Report**

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

**Description: EIY562-01R, 5x**

**Vial: 7**

**Date: 09-Jun-2017**

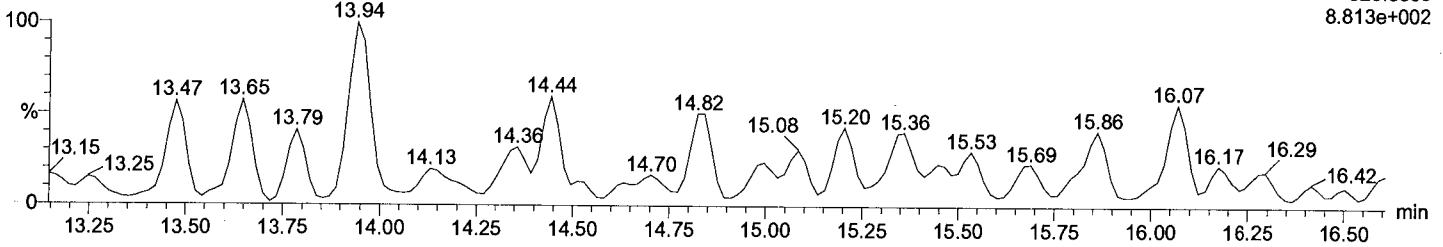
**Time: 23:42:07**

**Instrument:**

**Total PeCB F3**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

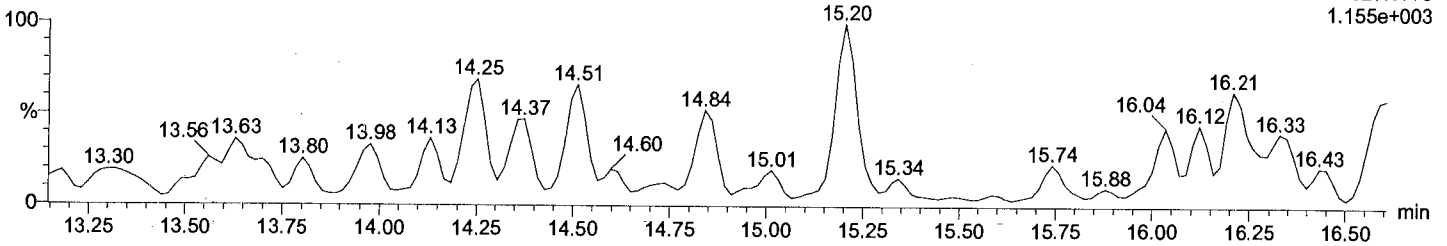
F3:Voltage SIR,EI+  
325.8805  
8.813e+002



**Total PeCB F3**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
327.8775  
1.155e+003

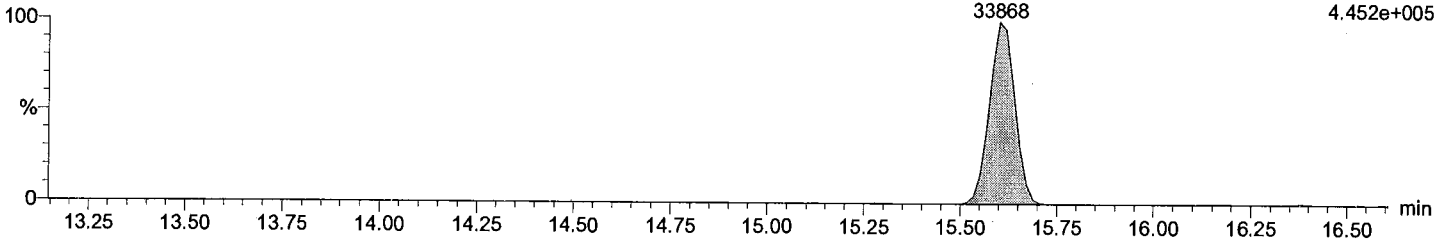


**Total PeCB labeled F3**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

PCB 104L  
15.60  
33868

F3:Voltage SIR,EI+  
337.9207  
4.452e+005

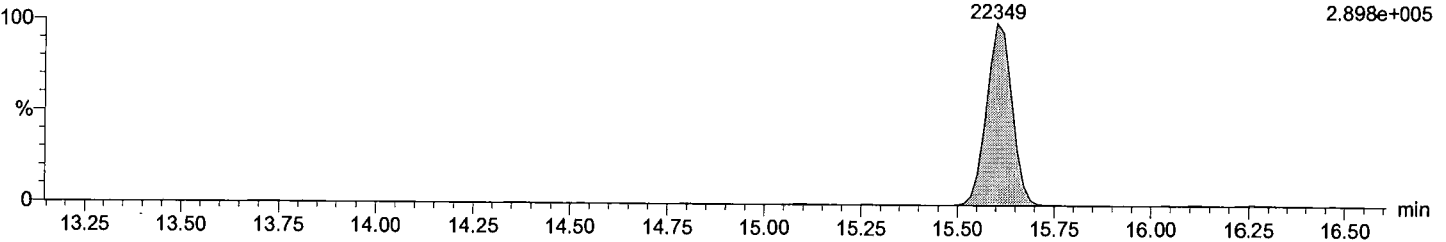


**Total PeCB labeled F3**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

PCB 104L  
15.60  
22349

F3:Voltage SIR,EI+  
339.9178  
2.898e+005





Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

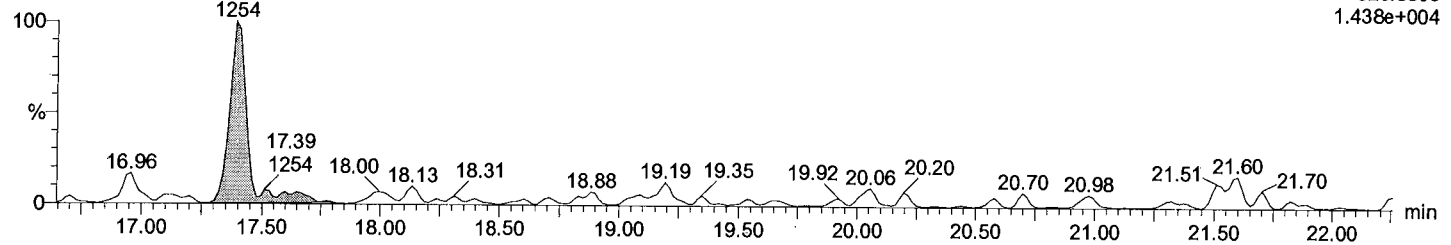
Time: 23:42:07

Instrument:

Total PeCB F4

M1170609B07 Smooth(SG,2x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

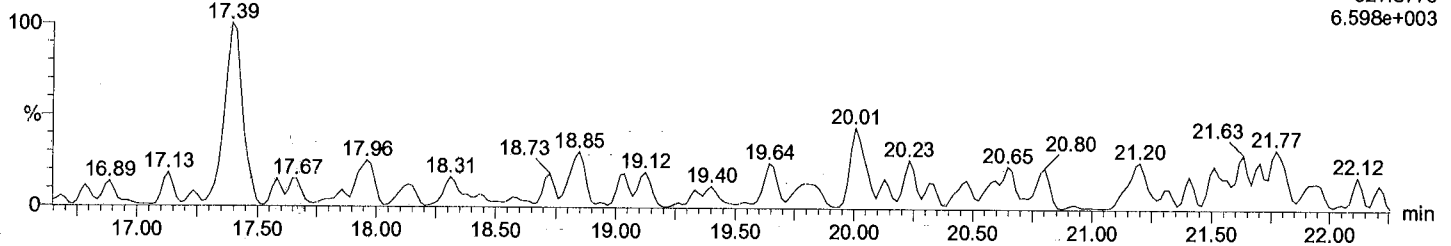
F4:Voltage SIR,EI+  
325.8805  
1.438e+004



Total PeCB F4

M1170609B07 Smooth(SG,2x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

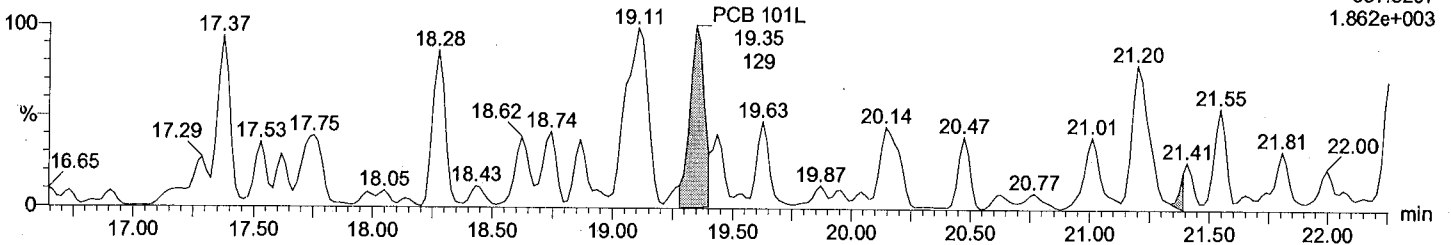
F4:Voltage SIR,EI+  
327.8775  
6.598e+003



Total PeCB labeled F4

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

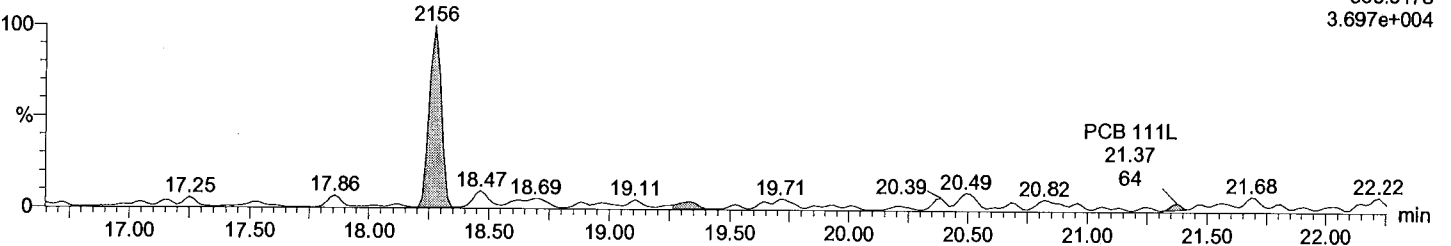
F4:Voltage SIR,EI+  
337.9207  
1.862e+003



Total PeCB labeled F4

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
339.9178  
3.697e+004



Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

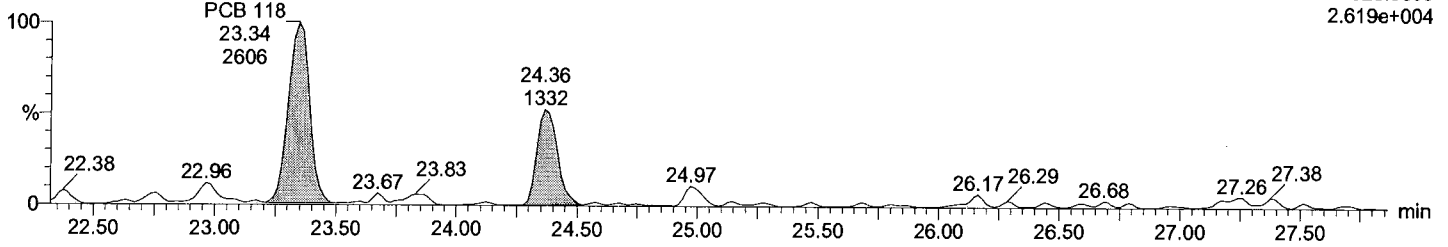
Last Altered: Monday, June 12, 2017 10:14:38 AM  
Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x  
Vial: 7  
Date: 09-Jun-2017  
Time: 23:42:07  
Instrument:

**Total PeCB F5**

M1170609B07 Smooth(SG,2x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

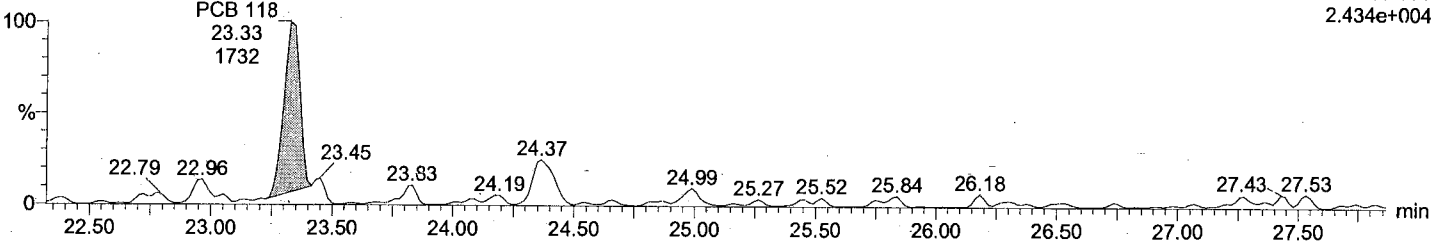
F5:Voltage SIR,EI+  
325.8805  
2.619e+004



**Total PeCB F5**

M1170609B07 Smooth(SG,2x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

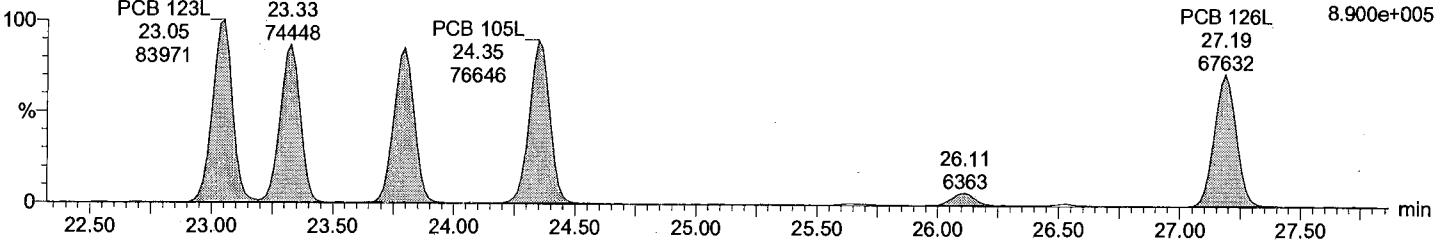
F5:Voltage SIR,EI+  
327.8775  
2.434e+004



**Total PeCB labeled F5**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

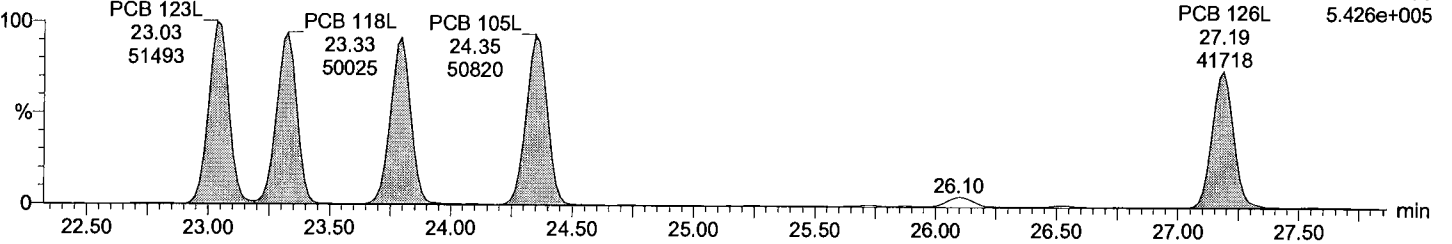
F5:Voltage SIR,EI+  
337.9207  
8.900e+005



**Total PeCB labeled F5**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F5:Voltage SIR,EI+  
339.9178  
5.426e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

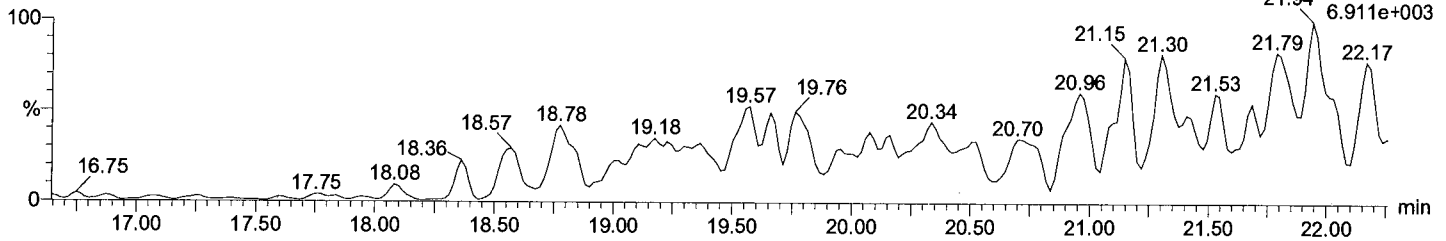
Time: 23:42:07

Instrument:

Total HxCB F4

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

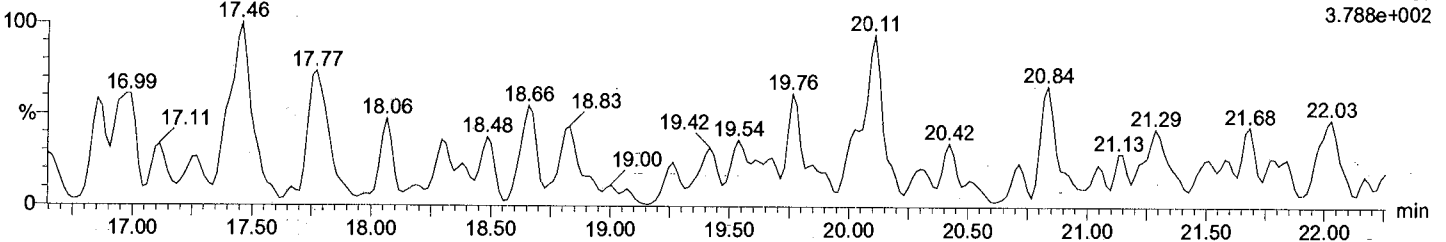
F4:Voltage SIR,EI+  
359.8415  
6.911e+003



Total HxCB F4

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

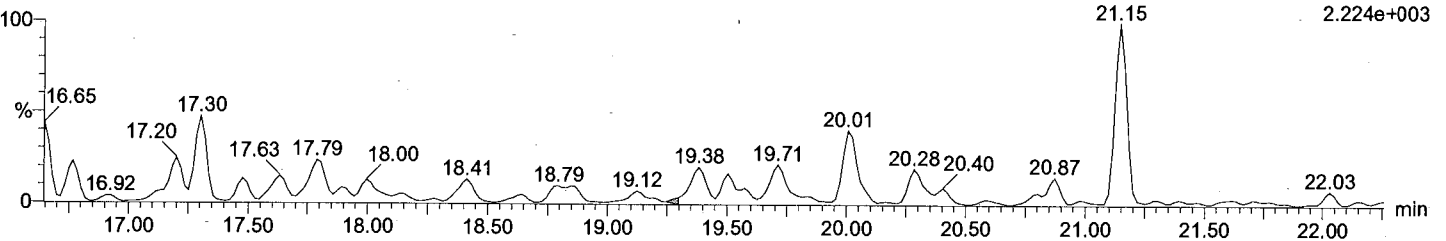
F4:Voltage SIR,EI+  
361.8385  
3.788e+002



Total HxCB labeled F4

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

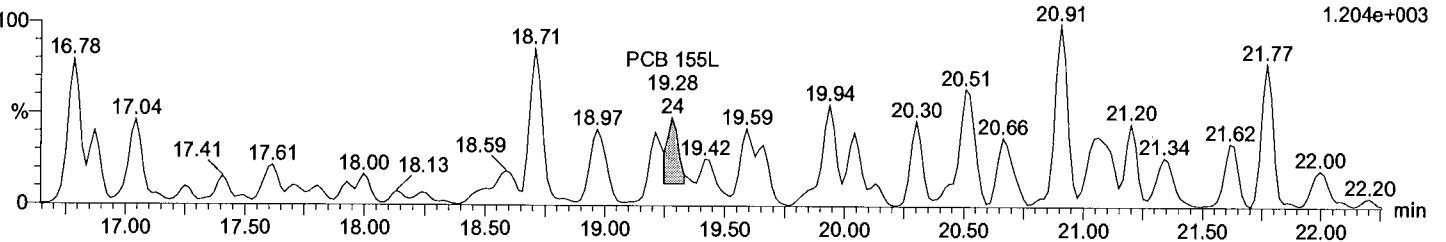
F4:Voltage SIR,EI+  
371.8817  
2.224e+003



Total HxCB labeled F4

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
373.8788  
1.204e+003



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

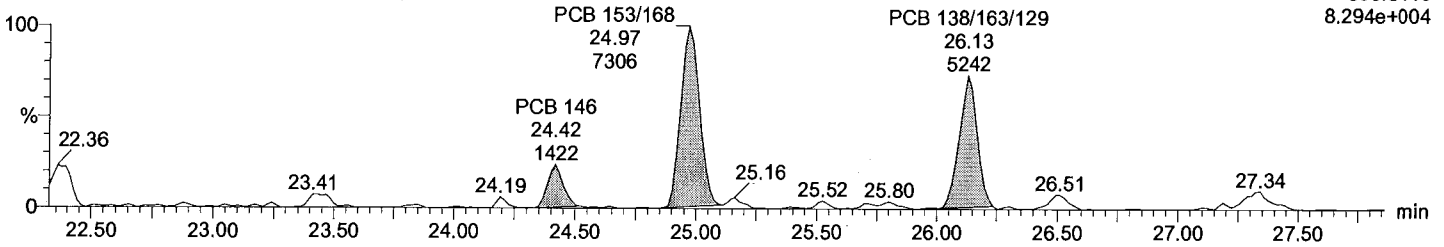
Last Altered: Monday, June 12, 2017 10:14:38 AM  
Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x  
Vial: 7  
Date: 09-Jun-2017  
Time: 23:42:07  
Instrument:

**Total HxCB F5**

M1170609B07 Smooth(SG,1x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

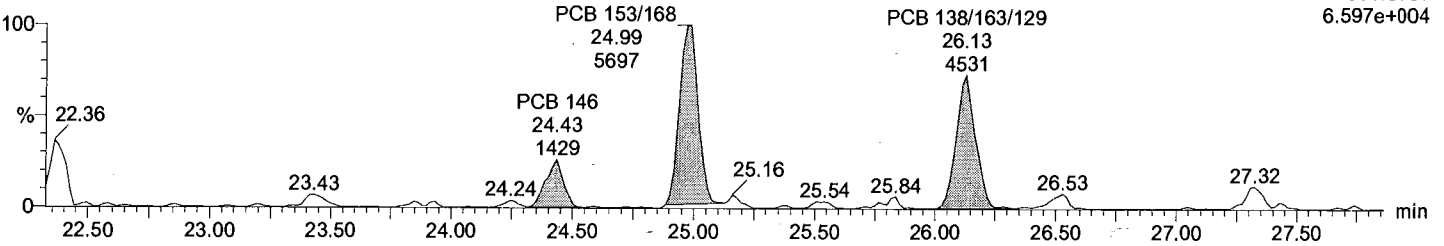
F5:Voltage SIR,EI+  
359.8415  
8.294e+004



**Total HxCB F5**

M1170609B07 Smooth(SG,1x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

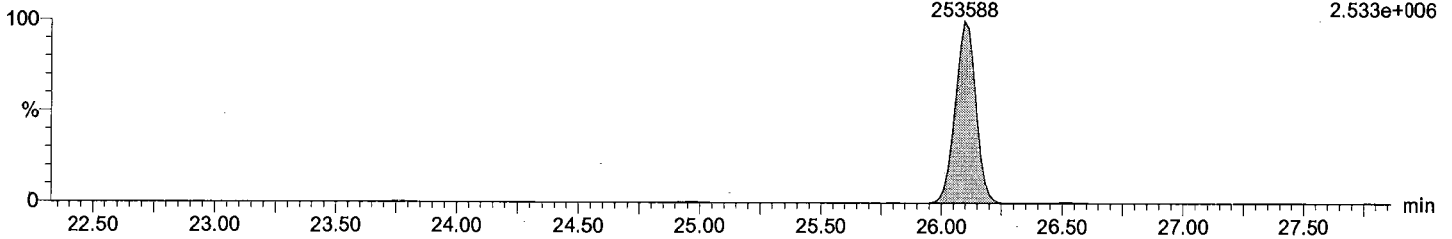
F5:Voltage SIR,EI+  
361.8385  
6.597e+004



**Total HxCB labeled F5**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

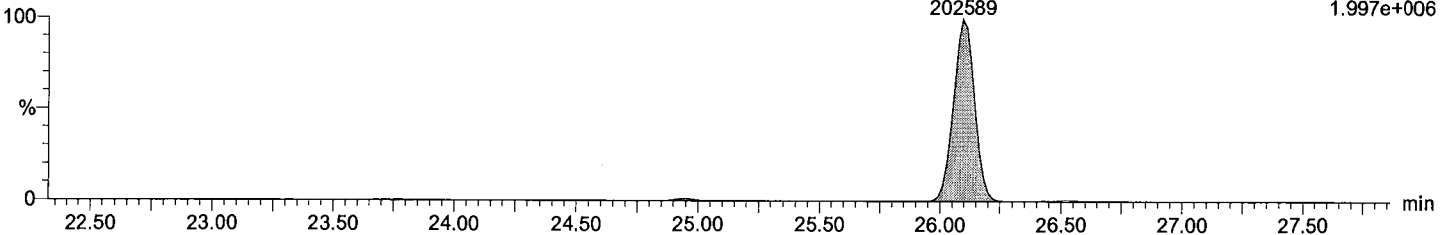
PCB 138L  
26.10  
253588  
F5:Voltage SIR,EI+  
371.8817  
2.533e+006



**Total HxCB labeled F5**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

PCB 138L  
26.10  
202589  
F5:Voltage SIR,EI+  
373.8788  
1.997e+006



Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

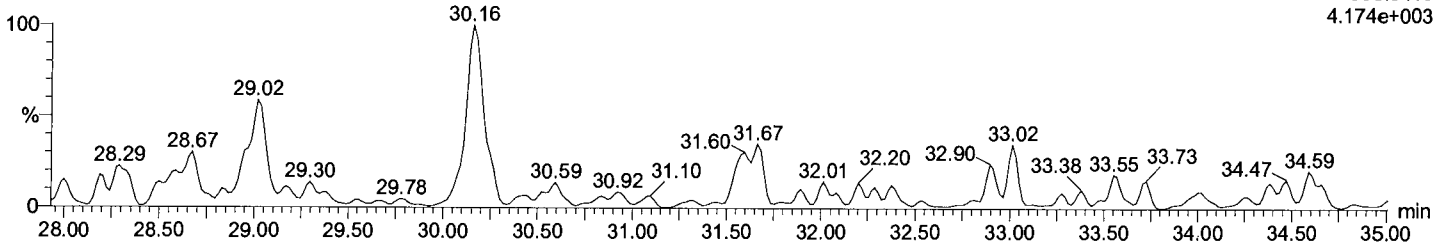
Last Altered: Monday, June 12, 2017 10:14:38 AM  
Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x  
Vial: 7  
Date: 09-Jun-2017  
Time: 23:42:07  
Instrument:

**Total HxCB F6**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

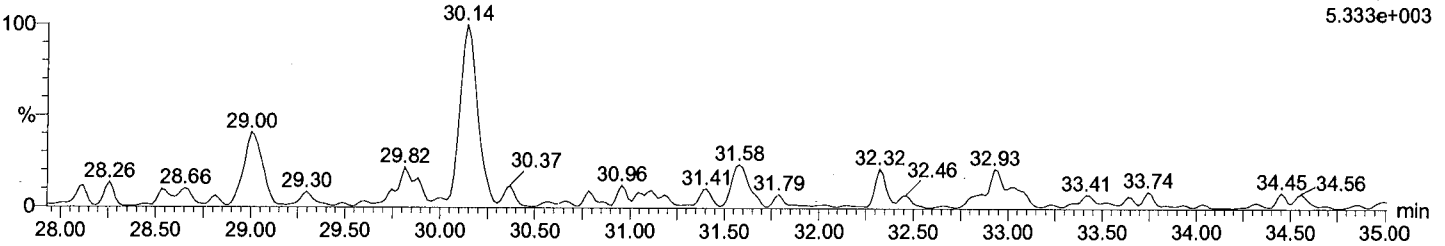
F6:Voltage SIR,EI+  
359.8415  
4.174e+003



**Total HxCB F6**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

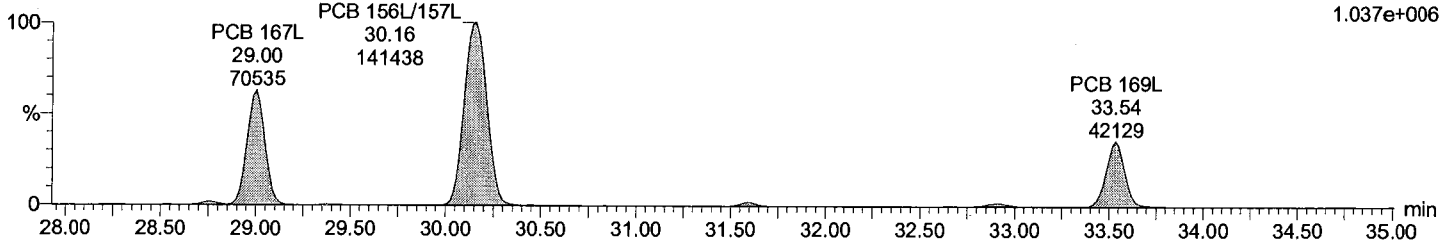
F6:Voltage SIR,EI+  
361.8385  
5.333e+003



**Total HxCB labeled F6**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

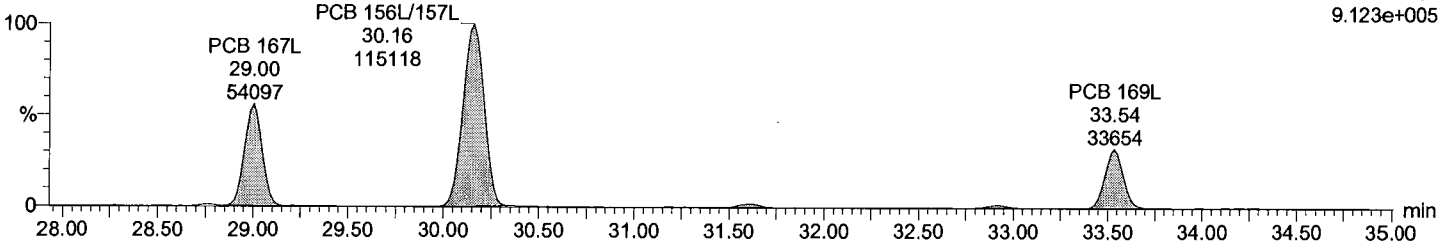
F6:Voltage SIR,EI+  
371.8817  
1.037e+006



**Total HxCB labeled F6**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
373.8788  
9.123e+005



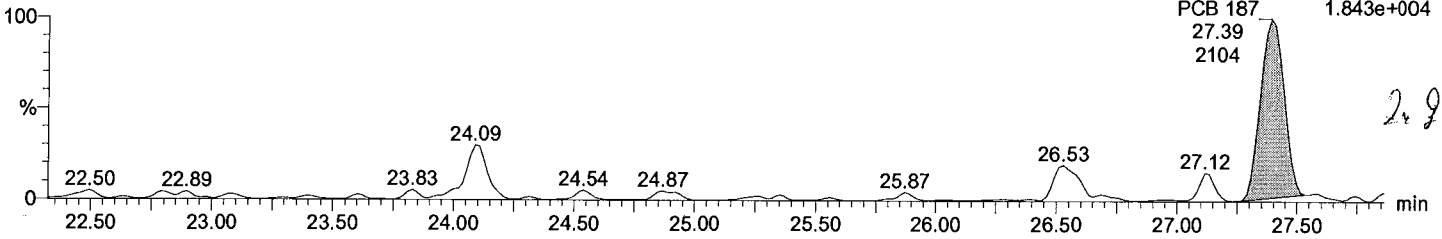
Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM  
Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x  
Vial: 7  
Date: 09-Jun-2017  
Time: 23:42:07  
Instrument:

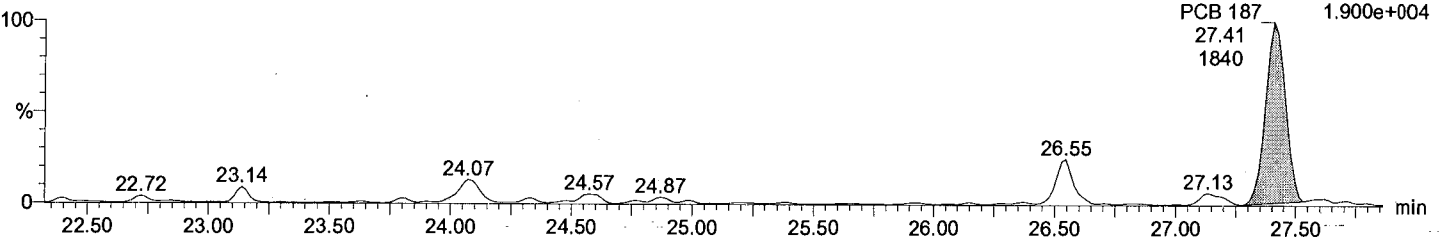
**Total HpCB F5**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI



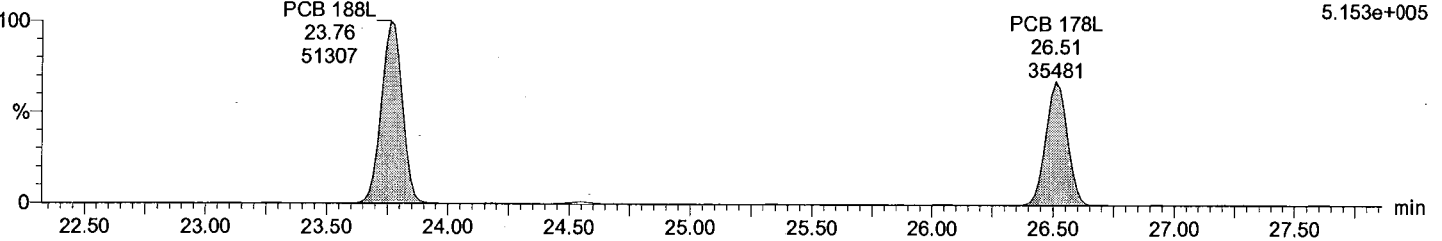
**Total HpCB F5**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI



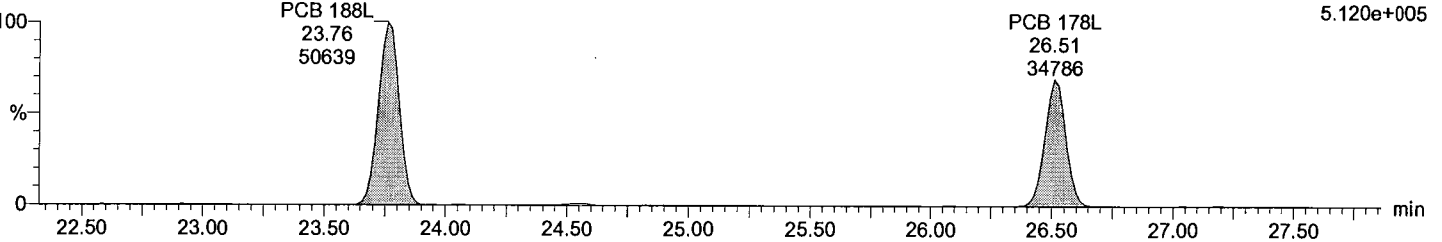
**Total HpCB labeled F5**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI



**Total HpCB labeled F5**

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

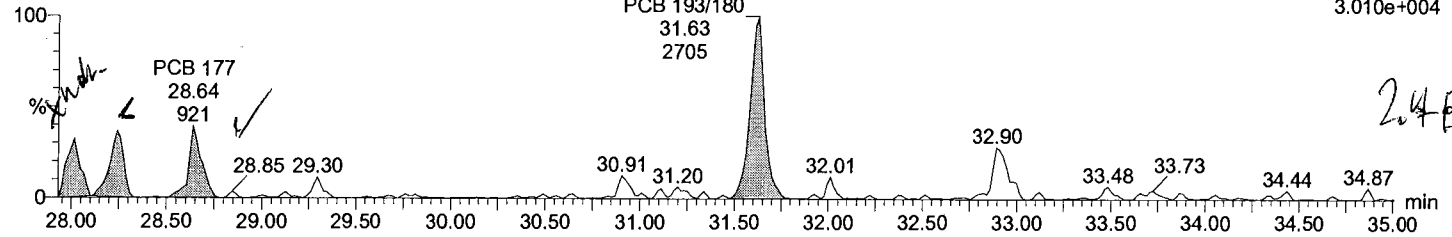
Last Altered: Monday, June 12, 2017 10:14:38 AM  
Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x  
Vial: 7  
Date: 09-Jun-2017  
Time: 23:42:07  
Instrument:

Total HpCB F6

M1170609B07 Smooth(SG,1x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

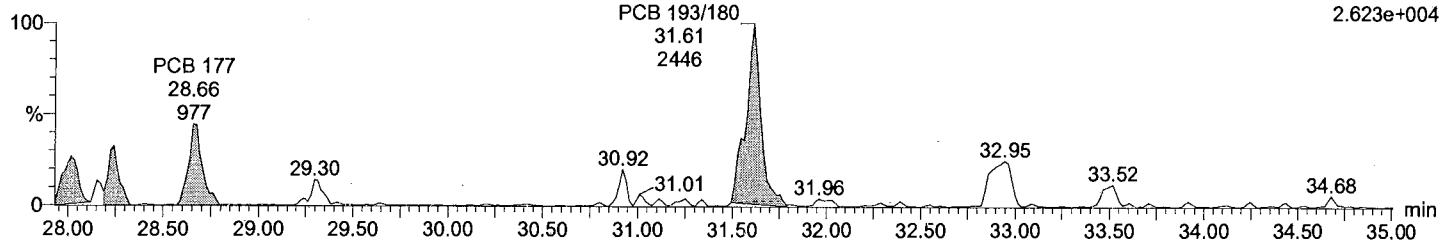
F6:Voltage SIR,EI+  
393.8025  
3.010e+004



Total HpCB F6

M1170609B07 Smooth(SG,1x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

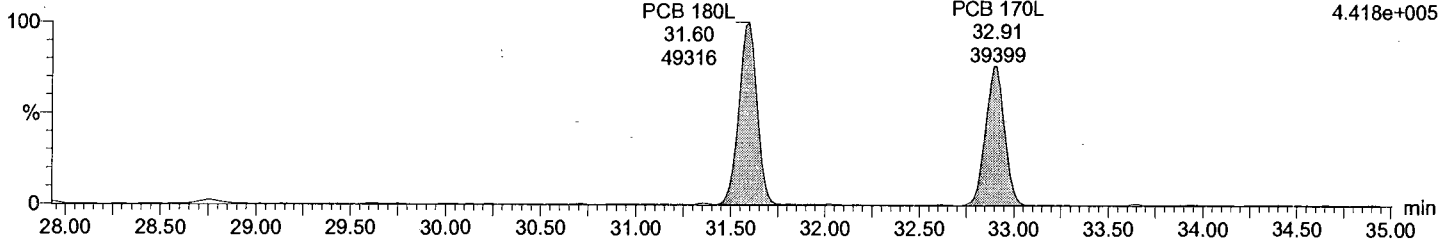
F6:Voltage SIR,EI+  
395.7995  
2.623e+004



Total HpCB labeled F6

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

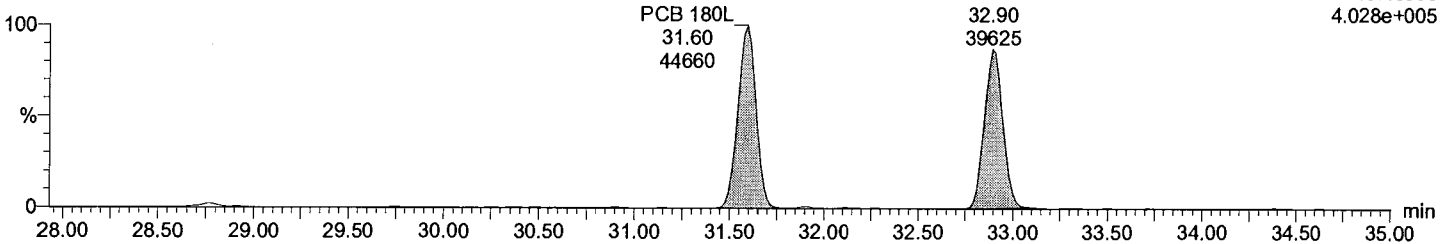
F6:Voltage SIR,EI+  
405.8428  
4.418e+005



Total HpCB labeled F6

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
407.8398  
4.028e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

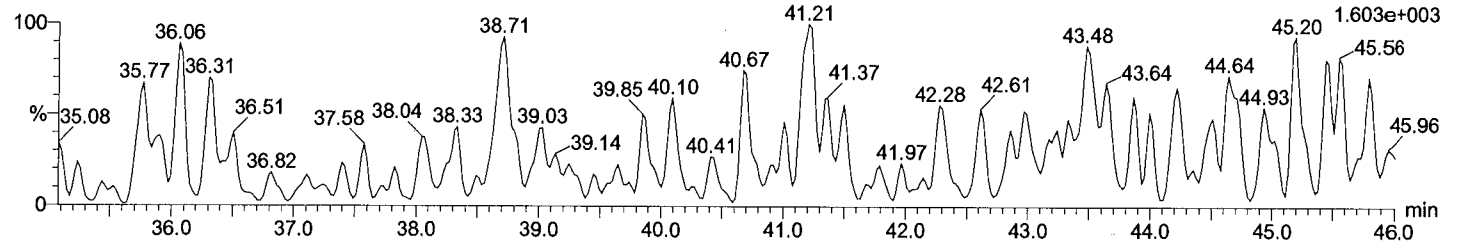
Time: 23:42:07

Instrument:

Total HpCB F7

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

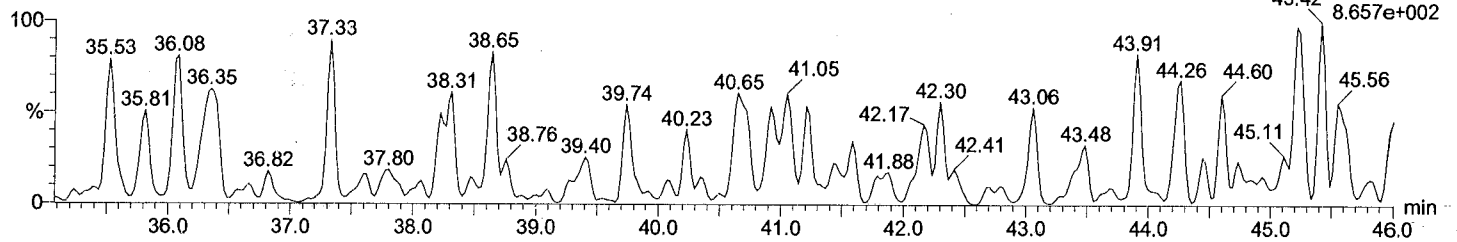
F7:Voltage SIR,EI+  
393.8025  
1.603e+003



Total HpCB F7

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

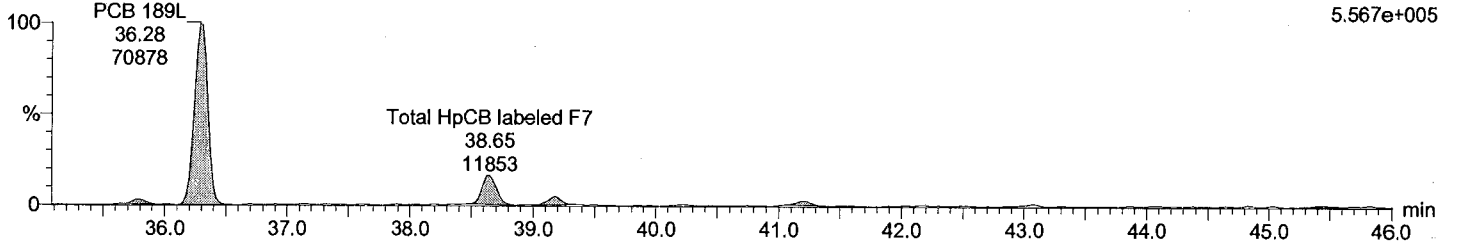
F7:Voltage SIR,EI+  
395.7996  
8.657e+002



Total HpCB labeled F7

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

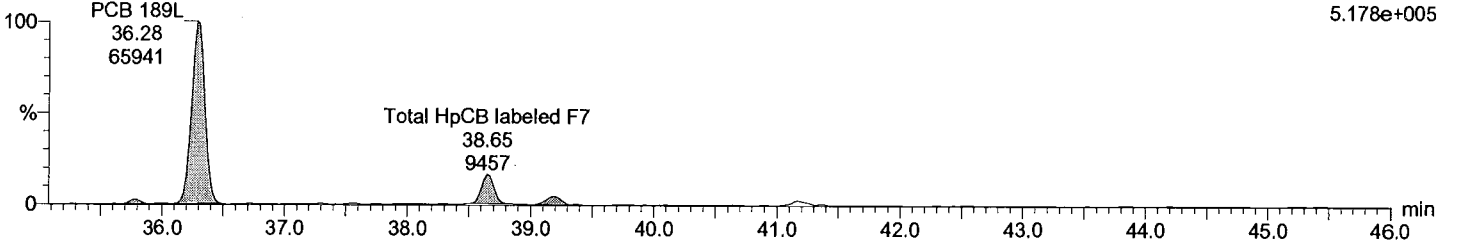
F7:Voltage SIR,EI+  
405.8428  
5.567e+005



Total HpCB labeled F7

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
407.8398  
5.178e+005





Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

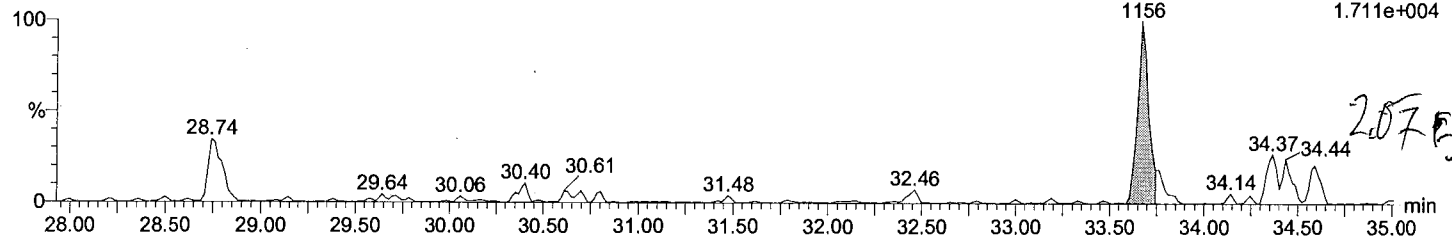
Date: 09-Jun-2017

Time: 23:42:07

Instrument:

Total OcCB F6

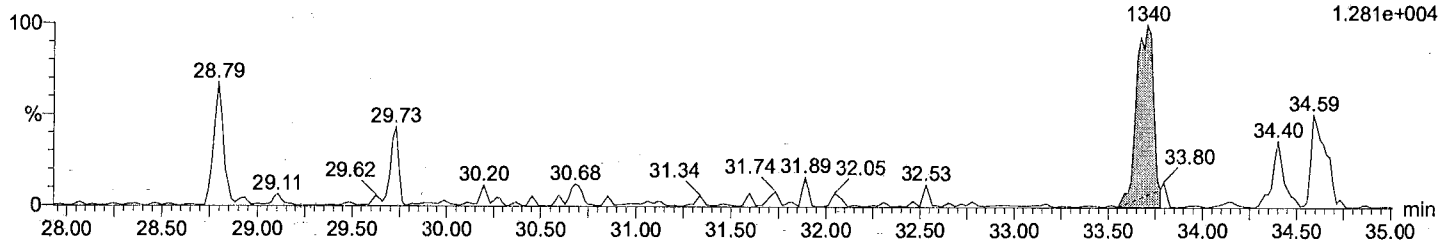
M1170609B07 Smooth(SG,1x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI



PCB 198/199  
33.67  
1156  
F6:Voltage SIR,EI+  
427.7635  
1.711e+004

Total OcCB F6

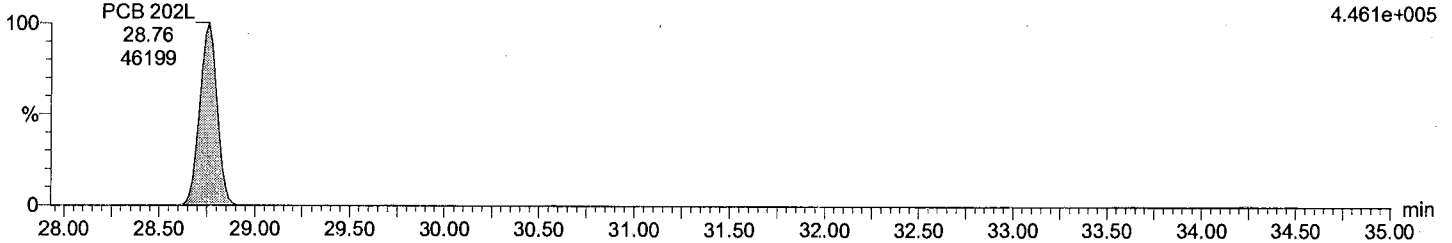
M1170609B07 Smooth(SG,1x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI



PCB 198/199  
33.71  
1340  
F6:Voltage SIR,EI+  
429.7606  
1.281e+004

Total OcCB labeled F6

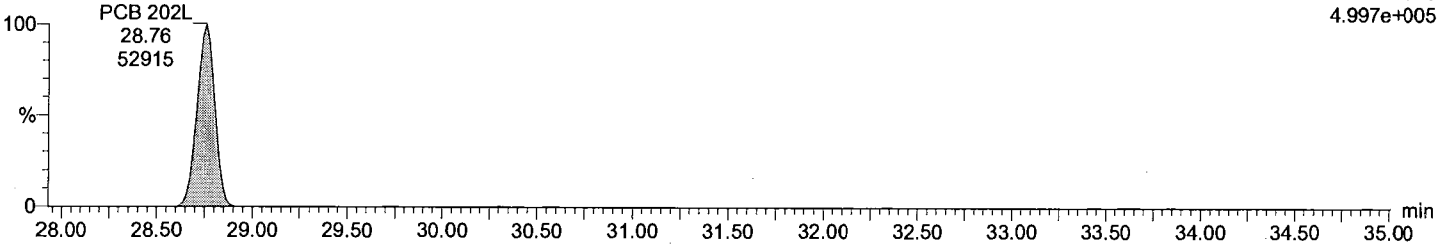
M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI



F6:Voltage SIR,EI+  
439.8038  
4.461e+005

Total OcCB labeled F6

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI



F6:Voltage SIR,EI+  
441.8008  
4.997e+005

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM  
Printed: Monday, June 12, 2017 10:15:27 AM

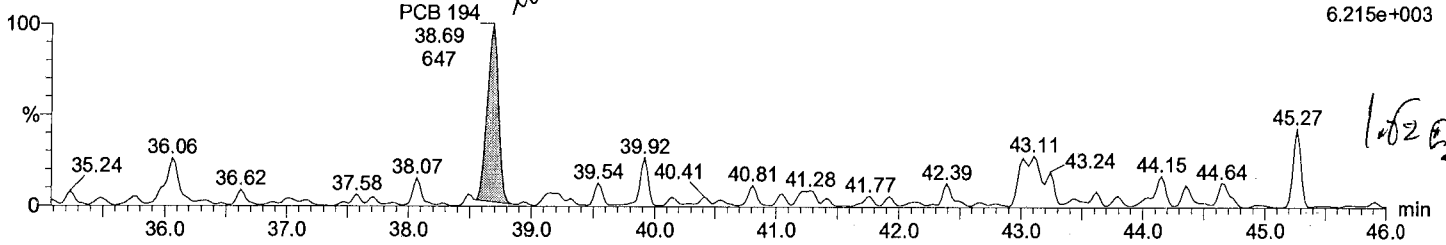
Description: EIY562-01R, 5x  
Vial: 7  
Date: 09-Jun-2017  
Time: 23:42:07  
Instrument:

**Total OcCB F7**

M1170609B07 Smooth(SG,3x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
427.7635  
6.215e+003

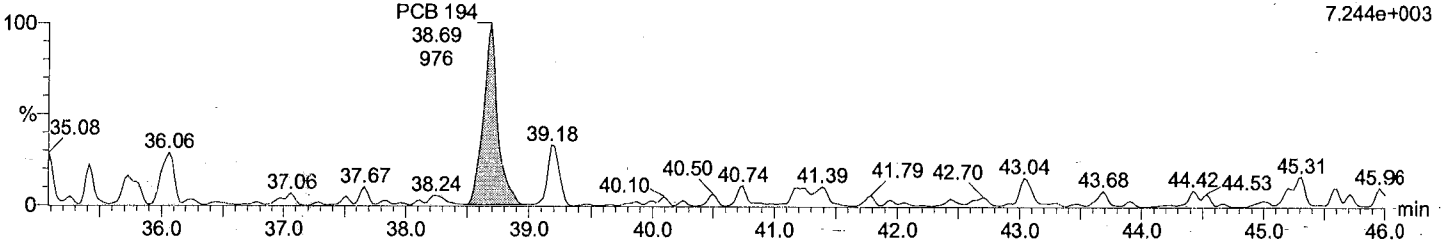


**Total OcCB F7**

M1170609B07 Smooth(SG,3x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
429.7606  
7.244e+003

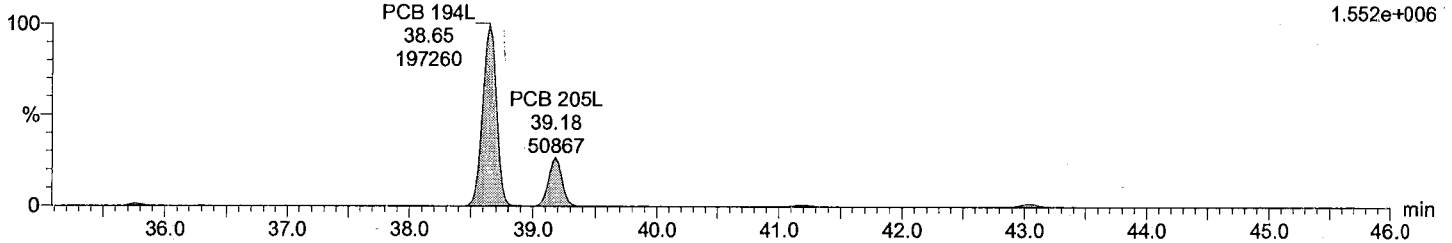


**Total OcCB labeled F7**

M1170609B07 Smooth(SG,3x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
439.8038  
1.552e+006

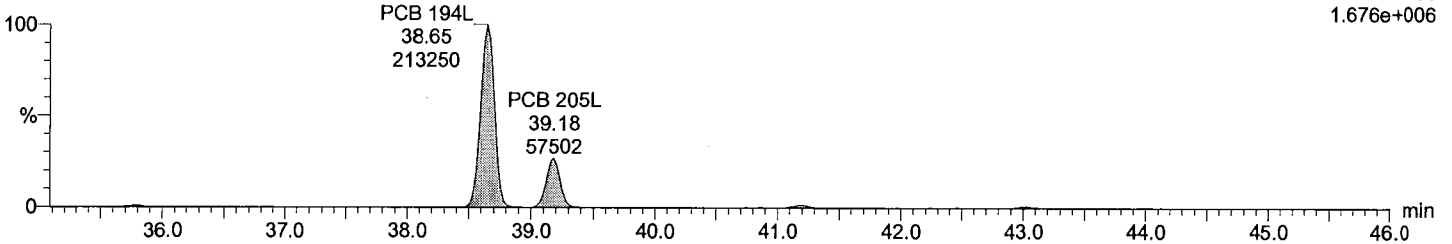


**Total OcCB labeled F7**

M1170609B07 Smooth(SG,3x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
441.8008  
1.676e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

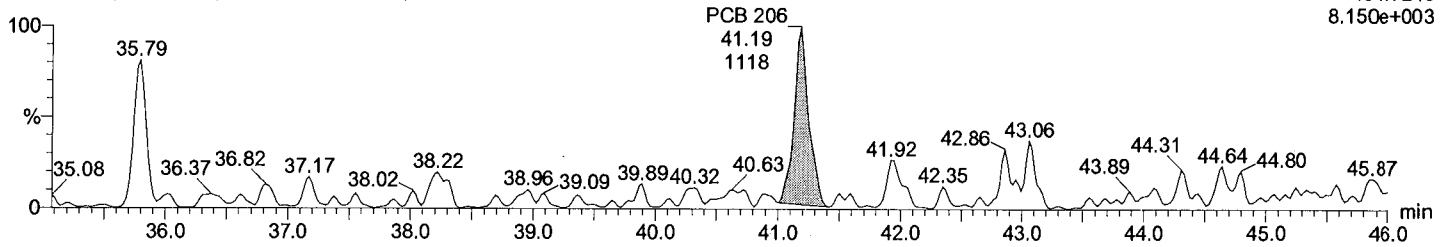
Time: 23:42:07

Instrument:

Total NoCB F7

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

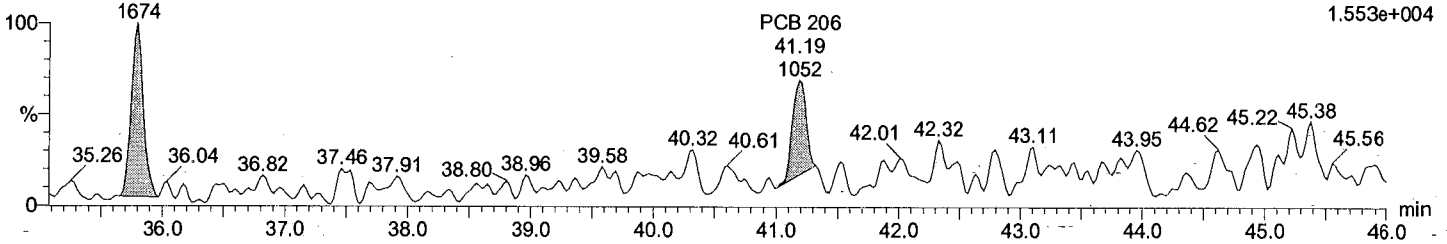
F7:Voltage SIR,EI+  
461.7246  
8.150e+003



Total NoCB F7

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

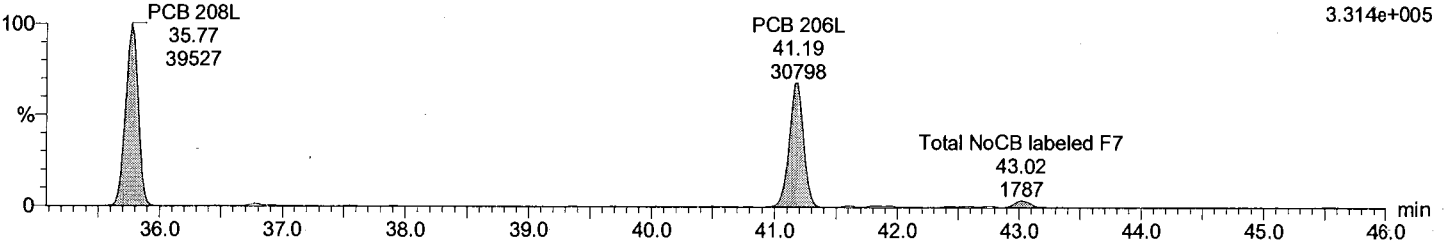
F7:Voltage SIR,EI+  
463.7216  
1.553e+004



Total NoCB labeled F7

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

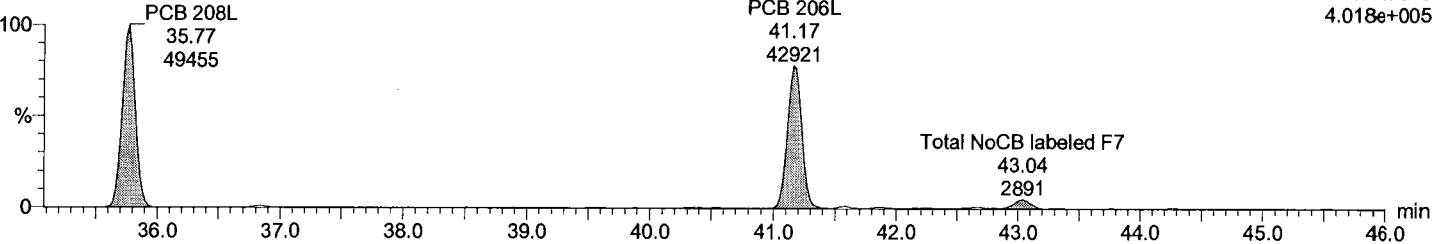
F7:Voltage SIR,EI+  
473.7648  
3.314e+005



Total NoCB labeled F7

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
475.7619  
4.018e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

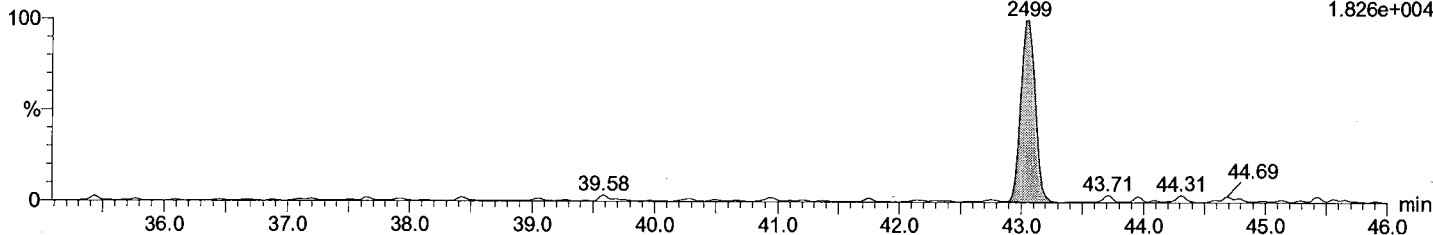
Time: 23:42:07

Instrument:

Total DeCB F7

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

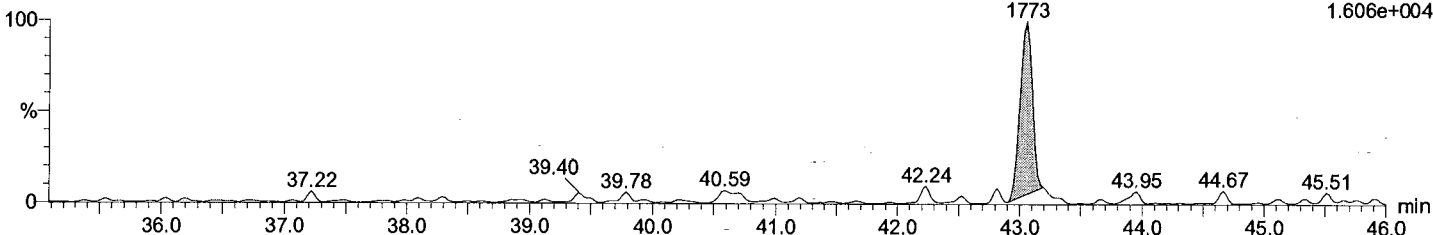
PCB 209  
43.06  
2499  
F7:Voltage SIR,EI+  
497.6826  
1.826e+004



Total DeCB F7

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

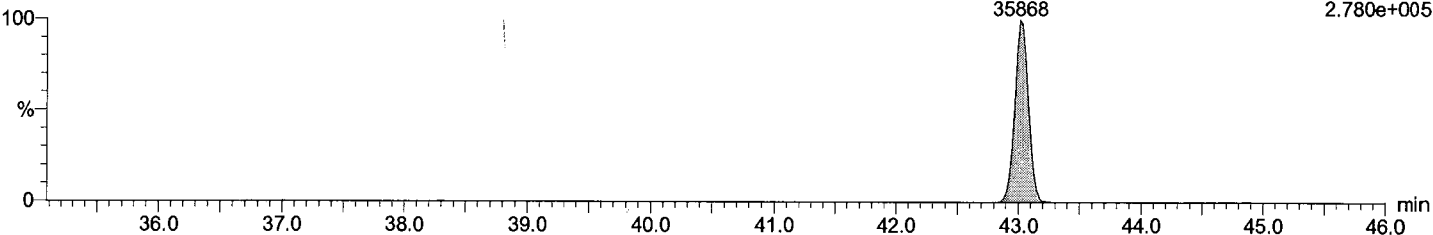
PCB 209  
43.06  
1773  
F7:Voltage SIR,EI+  
499.6797  
1.606e+004



Total DeCB labeled F7

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

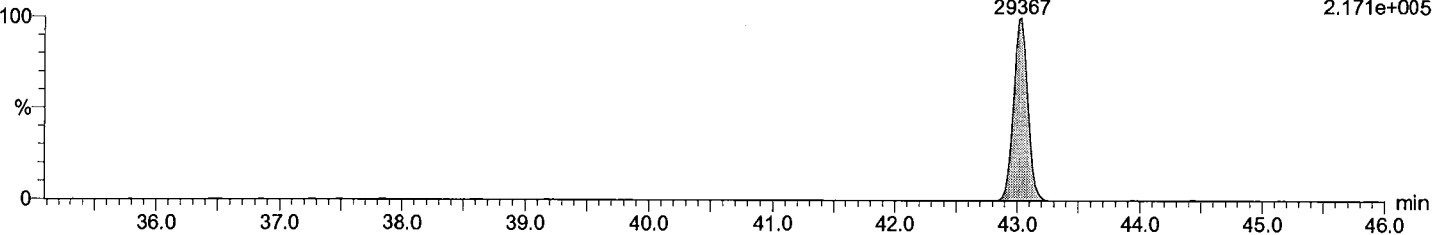
PCB 209L  
43.02  
35868  
F7:Voltage SIR,EI+  
509.7229  
2.780e+005



Total DeCB labeled F7

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

PCB 209L  
43.04  
29367  
F7:Voltage SIR,EI+  
511.7199  
2.171e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM

Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x

Vial: 7

Date: 09-Jun-2017

Time: 23:42:07

Instrument:

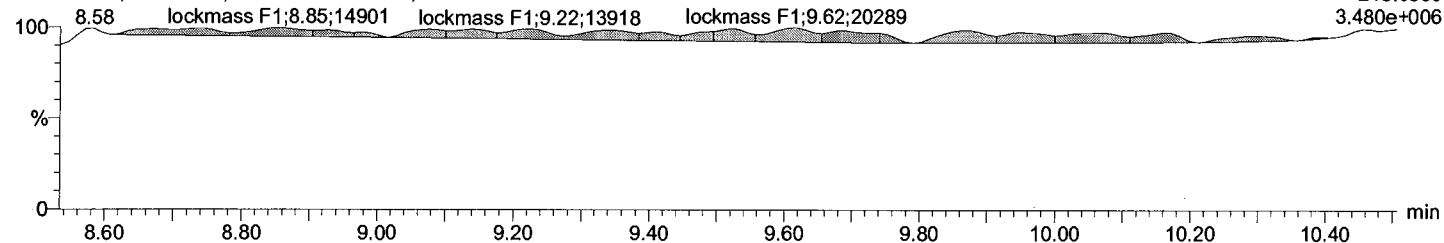
lockmass F1

M1170609B07 Smooth(SG,3x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F1:Voltage SIR,EI+

218.9856



lockmass F2

M1170609B07 Smooth(SG,3x1)

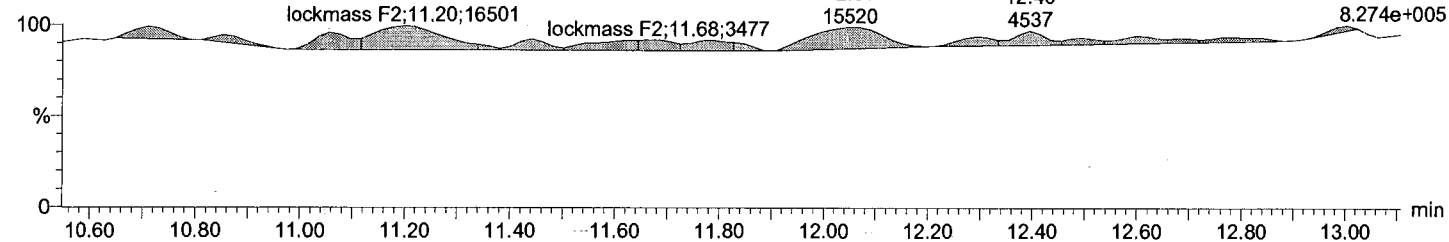
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

lockmass F2

lockmass F2

F2:Voltage SIR,EI+

242.9856



lockmass F3

M1170609B07 Smooth(SG,3x1)

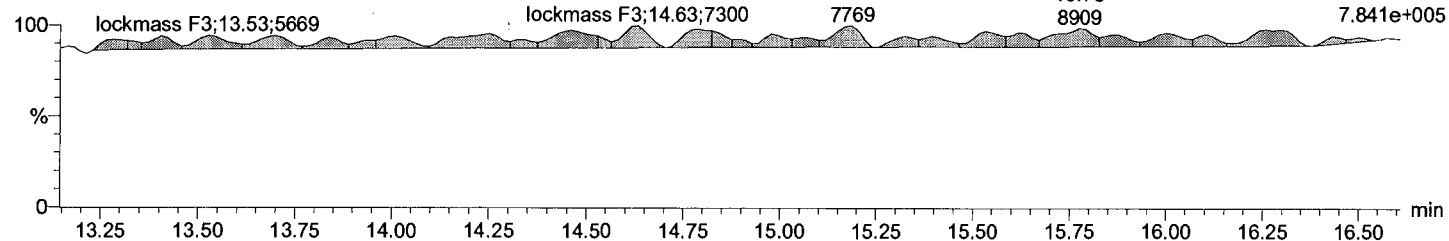
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

lockmass F3

lockmass F3

F3:Voltage SIR,EI+

292.9824



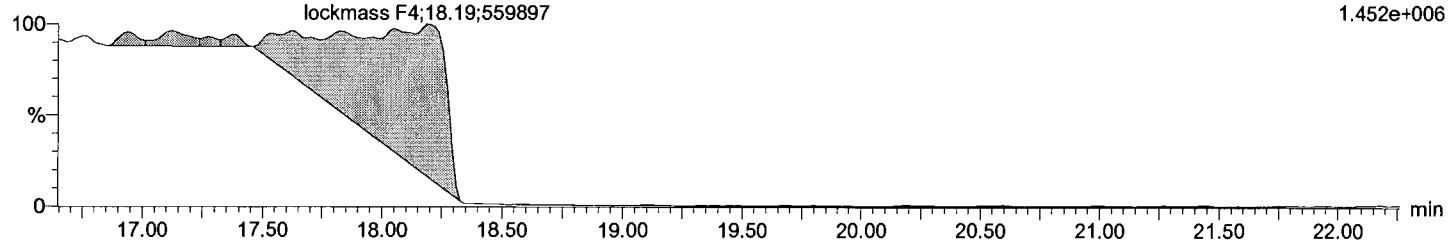
lockmass F4

M1170609B07 Smooth(SG,3x1)

EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI

F4:Voltage SIR,EI+

330.9792



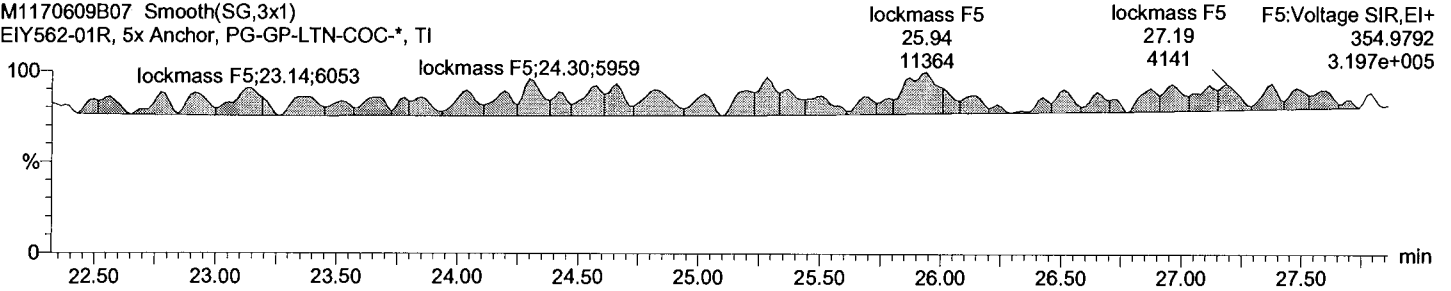
Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:14:38 AM  
Printed: Monday, June 12, 2017 10:15:27 AM

Description: EIY562-01R, 5x  
Vial: 7  
Date: 09-Jun-2017  
Time: 23:42:07  
Instrument:

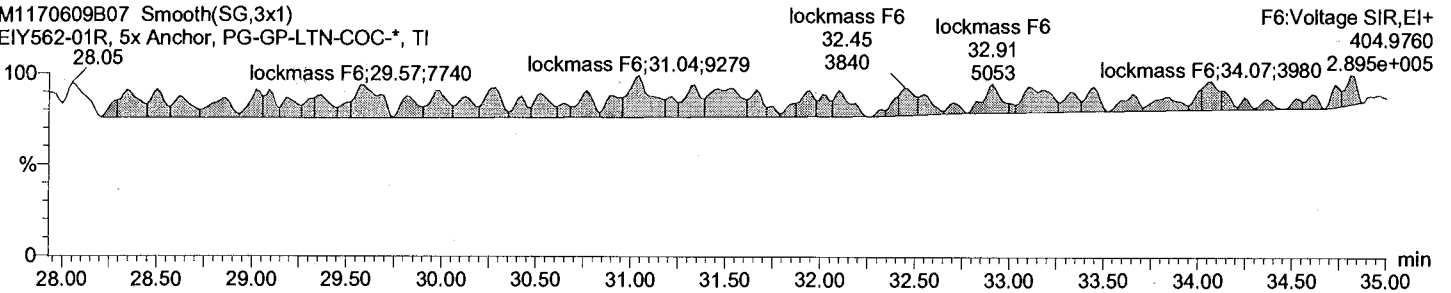
lockmass F5

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI



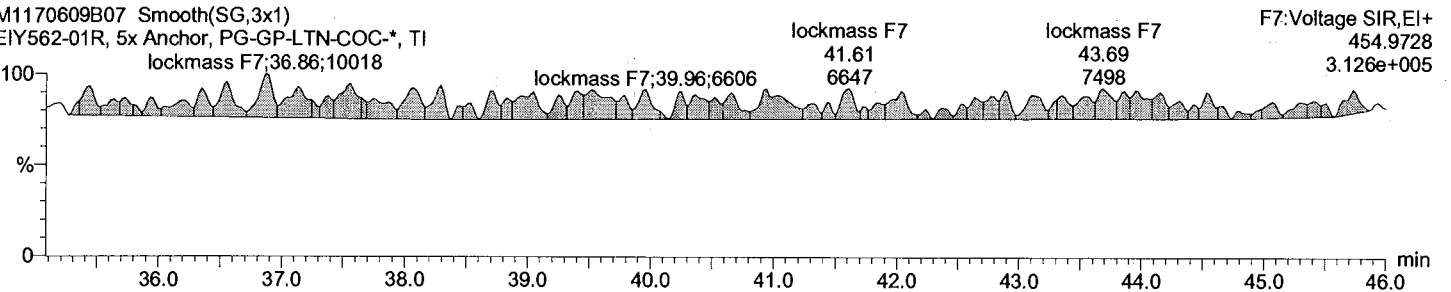
lockmass F6

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI



lockmass F7

M1170609B07 Smooth(SG,3x1)  
EIY562-01R, 5x Anchor, PG-GP-LTN-COC-\*, TI



Sample ID EIY565-01R, 5x  
 Comments  
 Instrument File Ultima 1  
 Sample Size 10

Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	Isomers	DL	S/N	Mod	rrf	Rec
1 PCB 1	188	NotFnd	*	*	*				0.001		no	1.053	-
	MoCB 190	8.83	*	no	*								
2 PCB 2	188	NotFnd	*	*	*				0.001		no	1.198	-
	MoCB 190	9.92	*	no	*								
3 PCB 3	188	NotFnd	*	*	*				0.001		no	1.055	-
	MoCB 190	10.01	*	no	*								
4 PCB 4	222	NotFnd	*	*	*				0.005		no	1.191	-
	DICB 224	10.12	*	no	*								
5 PCB 10	222	NotFnd	*	*	*				0.003		no	1.156	-
	DICB 224	10.21	*	no	*								
6 PCB 9	222	NotFnd	*	*	*				0.005		no	1.544	-
	DICB 224	11.01	*	no	*								
7 PCB 7	222	NotFnd	*	*	*				0.006		no	1.399	-
	DICB 224	11.09	*	no	*								
8 PCB 6	222	NotFnd	*	*	*				0.006		no	1.424	-
	DICB 224	11.19	*	no	*								
9 PCB 5	222	NotFnd	*	*	*				0.006		no	1.462	-
	DICB 224	11.31	*	no	*								
10 PCB 8	222	NotFnd	*	*	*				0.006		no	1.443	-
	DICB 224	11.38	*	no	*								
11 PCB 14	222	NotFnd	*	*	*				0.005		no	1.506	-
	DICB 224	12.05	*	no	*								
12 PCB 11	222	12.41	3280	1.54	5403	0.010181			0.006	23	no	1.42	-
	DICB 224	12.42	2123	yes	*					4			
13 PCB 13/12	222	NotFnd	*	*	*				0.006		no	1.443	-
	DICB 224	12.56	*	no	*								
14 PCB 15	222	NotFnd	*	*	*				0.007		no	0.956	-
	DICB 224	12.70	*	no	*								
15 PCB 19	256	NotFnd	*	*	*				0.003		no	1.06	-
	TriCB 258	11.48	*	no	*								
16 PCB 30/18	256	NotFnd	*	*	*				0.002		no	1.033	-
	TriCB 258	12.27	*	no	*								
17 PCB 17	256	NotFnd	*	*	*				0.002		no	0.838	-
	TriCB 258	12.48	*	no	*								
18 PCB 27	256	NotFnd	*	*	*				0.001		no	1.164	-
	TriCB 258	12.56	*	no	*								
19 PCB 24	256	NotFnd	*	*	*				0.001		no	1.35	-
	TriCB 258	12.61	*	no	*								
20 PCB 16	256	NotFnd	*	*	*				0.003		no	0.606	-
	TriCB 258	12.69	*	no	*								
21 PCB 32	256	NotFnd	*	*	*				0.001		no	1.334	-
	TriCB 258	12.90	*	no	*								
22 PCB 34	256	NotFnd	*	*	*				0		no	1.427	-
	TriCB 258	13.48	*	no	*								
23 PCB 23	256	NotFnd	*	*	*				0		no	1.32	-
	TriCB 258	13.56	*	no	*								
24 PCB 26/29	256	13.70	1029	1.03	2030	0.002818			0	28	no	1.443	-
	TriCB 258	13.72	1002	yes	*					21			
25 PCB 25	256	NotFnd	*	*	*				0		no	1.389	-
	TriCB 258	13.85	*	no	*								
26 PCB 31	256	13.98	1870	1.14	3515	0.004611			0	60	no	1.527	-
	TriCB 258	14.01	1646	yes	*					37			
27 PCB 28/20	256	14.13	1454	0.8	3276	0.004553			0	46	no	1.441	-
	TriCB 258	14.16	1822	no	*					36			
28 PCB 21/33	256	14.25	3068	1.03	6038	0.008693			0	102	no	1.391	-
	TriCB 258	14.27	2970	yes	*					58			
29 PCB 22	256	NotFnd	*	*	*				0		no	1.357	-
	TriCB 258	14.47	*	no	*								
30 PCB 36	256	NotFnd	*	*	*				0		no	1.632	-
	TriCB 258	15.30	*	no	*								
31 PCB 39	256	NotFnd	*	*	*				0		no	1.448	-
	TriCB 258	15.50	*	no	*								
32 PCB 38	256	NotFnd	*	*	*				0		no	1.474	-
	TriCB 258	15.87	*	no	*								
33 PCB 35	256	NotFnd	*	*	*				0		no	1.4	-
	TriCB 258	16.10	*	no	*								
34 PCB 37	256	NotFnd	*	*	*				0		no	0.951	-
	TriCB 258	16.36	*	no	*								
35 PCB 54	290	NotFnd	*	*	*				0.001		no	1.071	-
	TCB 292	12.82	*	no	*								
36 PCB 53/50	290	NotFnd	*	*	*				0.002		no	0.861	-
	TCB 292	13.86	*	no	*								
37 PCB 45/51	290	NotFnd	*	*	*				0.002		no	0.832	-
	TCB 292	14.21	*	no	*								
38 PCB 46	290	NotFnd	*	*	*				0.003		no	0.718	-
	TCB 292	14.35	*	no	*								
39 PCB 52	290	15.08	6704	0.74	15796	0.028394			0.002	77	no	0.961	-
	TCB 292	15.05	9092	yes	*					51			
40 PCB 73	290	NotFnd	*	*	*				0.002		no	1.012	-
	TCB 292	15.14	*	no	*								
41 PCB 43	290	NotFnd	*	*	*				0.003		no	0.787	-
	TCB 292	15.21	*	no	*								
42 PCB 69/49	290	15.36	1798	0.92	3752	0.0068			0.002	19	no	0.953	-
	TCB 292	15.34	1954	no	*					11			

43 PCB 48	290	15.53	4320	0.88	9219	0.018776	0.002	41	no	0.848	-
	TCB 292	15.50	4899	yes				26			
44 PCB 44/47/65	290	15.65	1790	0.74	4198	0.007909	0.002	17	no	0.917	-
	TCB 292	15.64	2407	yes				12			
45 PCB 59/62/75	290	NotFnd	*	*	*		0.002		no	1.12	-
	TCB 292	15.84	*	no	*						
46 PCB 42	290	NotFnd	*	*	*		0.003		no	0.728	-
	TCB 292	15.94	*	no	*						
47 PCB 40/41/71	290	NotFnd	*	*	*		0.002		no	0.85	-
	TCB 292	16.23	*	no	*						
48 PCB 64	290	NotFnd	*	*	*		0.002		no	1.079	-
	TCB 292	16.37	*	no	*						
49 PCB 72	290	NotFnd	*	*	*		0.001		no	1.426	-
	TCB 292	16.90	*	no	*						
50 PCB 68	290	NotFnd	*	*	*		0.001		no	1.39	-
	TCB 292	17.09	*	no	*						
51 PCB 57	290	NotFnd	*	*	*		0.001		no	1.359	-
	TCB 292	17.36	*	no	*						
52 PCB 58	290	NotFnd	*	*	*		0.001		no	1.206	-
	TCB 292	17.51	*	no	*						
53 PCB 67	290	NotFnd	*	*	*		0.001		no	1.485	-
	TCB 292	17.59	*	no	*						
54 PCB 63	290	NotFnd	*	*	*		0.001		no	1.419	-
	TCB 292	17.76	*	no	*						
55 PCB 61/70/74/76	290	17.98	4006	0.76	9243	0.01211	0.001	26	no	1.318	-
	TCB 292	18.01	5238	yes				31			
56 PCB 66	290	18.20	1016	0.74	2396	0.002989	0.001	7	no	1.384	-
	TCB 292	18.24	1380	yes				8			
57 PCB 55	290	NotFnd	*	*	*		0.001		no	1.248	-
	TCB 292	18.37	*	no	*						
58 PCB 56	290	NotFnd	*	*	*		0.001		no	1.286	-
	TCB 292	18.70	*	no	*						
59 PCB 60	290	NotFnd	*	*	*		0.001		no	1.277	-
	TCB 292	18.87	*	no	*						
60 PCB 80	290	NotFnd	*	*	*		0.001		no	1.5	-
	TCB 292	19.10	*	no	*						
61 PCB 79	290	NotFnd	*	*	*		0.001		no	1.544	-
	TCB 292	20.23	*	no	*						
62 PCB 78	290	NotFnd	*	*	*		0.001		no	1.394	-
	TCB 292	20.67	*	no	*						
63 PCB 81	290	NotFnd	*	*	*		0.001		no	1.02	-
	TCB 292	21.01	*	no	*						
64 PCB 77	290	NotFnd	*	*	*		0.001		no	1.016	-
	TCB 292	21.44	*	no	*						
65 PCB 104	326	NotFnd	*	*	*		0		no	1.194	-
	PeCB 328	15.64	*	no	*						
66 PCB 96	326	NotFnd	*	*	*		0		no	0.819	-
	PeCB 328	15.85	*	no	*						
67 PCB 103	326	NotFnd	*	*	*		0.001		no	0.834	-
	PeCB 328	16.98	*	no	*						
68 PCB 94	326	NotFnd	*	*	*		0.001		no	0.668	-
	PeCB 328	17.12	*	no	*						
69 PCB 95	326	NotFnd	*	*	*		0.001		no	0.789	-
	PeCB 328	17.40	*	no	*						
70 PCB 100/93/102/98	326	NotFnd	*	*	*		0.001		no	0.724	-
	PeCB 328	17.54	*	no	*						
71 PCB 88/91	326	NotFnd	*	*	*		0.001		no	0.739	-
	PeCB 328	17.95	*	no	*						
72 PCB 84	326	NotFnd	*	*	*		0.001		no	0.66	-
	PeCB 328	18.12	*	no	*						
73 PCB 89	326	NotFnd	*	*	*		0.001		no	0.717	-
	PeCB 328	18.45	*	no	*						
74 PCB 121	326	NotFnd	*	*	*		0.001		no	0.972	-
	PeCB 328	18.70	*	no	*						
75 PCB 92	326	NotFnd	*	*	*		0.001		no	0.75	-
	PeCB 328	18.96	*	no	*						
76 PCB 113/90/101	326	19.40	25344	1.52	42046	0.077991	0.001	416	no	0.856	-
	PeCB 328	19.38	16702	yes				204			
77 PCB 83/99	326	19.83	2703	1.77	4230	0.008771	0.001	42	no	0.765	-
	PeCB 328	19.84	1527	yes				18			
78 PCB 112	326	NotFnd	*	*	*		0.001		no	0.907	-
	PeCB 328	19.92	*	no	*						
79 PCB 109/119/86/97/125/	326	20.21	1034	0.94	2130	0.003866	0.001	16	no	0.874	-
	PeCB 328	20.21	1096	no				9			
80 PCB 117/116/85	326	20.90	1236	0.9	2603	0.004531	0.001	22	no	0.912	-
	PeCB 328	20.76	1367	no				17			
81 PCB 110/115	326	NotFnd	*	*	*		0.001		no	0.93	-
	PeCB 328	20.88	*	no	*						
82 PCB 82	326	NotFnd	*	*	*		0.001		no	0.681	-
	PeCB 328	21.15	*	no	*						
83 PCB 111	326	NotFnd	*	*	*		0.001		no	1.022	-
	PeCB 328	21.45	*	no	*						
84 PCB 120	326	NotFnd	*	*	*		0.001		no	1.091	-
	PeCB 328	21.81	*	no	*						
85 PCB 108/124	326	NotFnd	*	*	*		0.001		no	1.201	-
	PeCB 328	22.78	*	no	*						
86 PCB 107	326	NotFnd	*	*	*		0.001		no	1.375	-
	PeCB 328	22.99	*	no	*						
87 PCB 123	326	NotFnd	*	*	*		0.001		no	0.921	-
	PeCB 328	23.08	*	no	*						
88 PCB 106	326	NotFnd	*	*	*		0.001		no	1.282	-
	PeCB 328	23.19	*	no	*						
89 PCB 118	326	23.35	3753	1.74	5906	0.008343	0.001	72	no	1.028	-
	PeCB 328	23.33	2152	yes				20			



90 PCB 122	326	NotFnd	*	*	*	0.001	no	1.158	-		
	PeCB 328	23.63	*	no	*						
91 PCB 114	326	NotFnd	*	*	*	0.001	no	1.023	-		
	PeCB 328	23.82	*	no	*						
92 PCB 105	326	NotFnd	*	*	*	0.001	no	1.024	-		
	PeCB 328	24.38	*	no	*						
93 PCB 127	326	NotFnd	*	*	*	0.001	no	1.256	-		
	PeCB 328	25.69	*	no	*						
94 PCB 126	326	NotFnd	*	*	*	0.001	no	1.093	-		
	PeCB 328	27.22	*	no	*						
95 PCB 155	360	NotFnd	*	*	*	0	no	1.103	-		
	HxCB 362	19.26	*	no	*						
96 PCB 152	360	NotFnd	*	*	*	0	no	0.849	-		
	HxCB 362	19.40	*	no	*						
97 PCB 150	360	NotFnd	*	*	*	0	no	0.77	-		
	HxCB 362	19.53	*	no	*						
98 PCB 136	360	NotFnd	*	*	*	0	no	0.816	-		
	HxCB 362	19.78	*	no	*						
99 PCB 145	360	NotFnd	*	*	*	0	no	0.755	-		
	HxCB 362	20.03	*	no	*						
100 PCB 148	360	NotFnd	*	*	*	0	no	0.617	-		
	HxCB 362	21.13	*	no	*						
101 PCB 151/135	360	NotFnd	*	*	*	0	no	0.6	-		
	HxCB 362	21.61	*	no	*						
102 PCB 154	360	NotFnd	*	*	*	0	no	0.691	-		
	HxCB 362	21.82	*	no	*						
103 PCB 144	360	NotFnd	*	*	*	0	no	0.618	-		
	HxCB 362	22.07	*	no	*						
104 PCB 147/149	360	NotFnd	*	*	*	0.001	no	0.809	-		
	HxCB 362	22.36	*	no	*						
105 PCB 134/143	360	NotFnd	*	*	*	0.001	no	0.689	-		
	HxCB 362	22.61	*	no	*						
106 PCB 139/140	360	NotFnd	*	*	*	0.001	no	0.804	-		
	HxCB 362	22.88	*	no	*						
107 PCB 131	360	NotFnd	*	*	*	0.002	no	0.649	-		
	HxCB 362	23.05	*	no	*						
108 PCB 142	360	NotFnd	*	*	*	0.001	no	0.718	-		
	HxCB 362	23.19	*	no	*						
109 PCB 132	360	NotFnd	*	*	*	0.001	no	0.7	-		
	HxCB 362	23.44	*	no	*						
110 PCB 133	360	NotFnd	*	*	*	0.001	no	0.786	-		
	HxCB 362	23.86	*	no	*						
111 PCB 165	360	NotFnd	*	*	*	0.001	no	0.992	-		
	HxCB 362	24.23	*	no	*						
112 PCB 146	360	24.42	2310	1.27	4124	0.008134	0.001	28	no	0.895	-
	HxCB 362	24.43	1814	yes	*	*		22	no	1.015	-
113 PCB 161	360	NotFnd	*	*	*	0.001	no	1.015	-		
	HxCB 362	24.54	*	no	*						
114 PCB 153/168	360	24.99	8608	1.47	14472	0.02572	0.001	110	no	0.993	-
	HxCB 362	25.01	5864	no	*	*		77	no	0.784	-
115 PCB 141	360	NotFnd	*	*	*	0.001	no	0.784	-		
	HxCB 362	25.15	*	no	*						
116 PCB 130	360	NotFnd	*	*	*	0.001	no	0.716	-		
	HxCB 362	25.53	*	no	*						
117 PCB 137	360	NotFnd	*	*	*	0.001	no	0.675	-		
	HxCB 362	25.76	*	no	*						
118 PCB 164	360	NotFnd	*	*	*	0.001	no	1.109	-		
	HxCB 362	25.85	*	no	*						
119 PCB 138/163/129	360	26.13	7255	1.26	13023	0.027131	0.001	87	no	0.847	-
	HxCB 362	26.17	5768	yes	*	*		69	no	0.943	-
120 PCB 160	360	NotFnd	*	*	*	0.001	no	0.943	-		
	HxCB 362	26.31	*	no	*						
121 PCB 158	360	NotFnd	*	*	*	0.001	no	1.103	-		
	HxCB 362	26.49	*	no	*						
122 PCB 128/166	360	NotFnd	*	*	*	0.001	no	0.934	-		
	HxCB 362	27.33	*	no	*						
123 PCB 159	360	NotFnd	*	*	*	0.001	no	1.254	-		
	HxCB 362	28.29	*	no	*						
124 PCB 162	360	NotFnd	*	*	*	0.001	no	1.204	-		
	HxCB 362	28.55	*	no	*						
125 PCB 167	360	NotFnd	*	*	*	0.001	no	1.103	-		
	HxCB 362	29.04	*	no	*						
126 PCB 156/157	360	NotFnd	*	*	*	0.001	no	1.047	-		
	HxCB 362	30.20	*	no	*						
127 PCB 169	360	NotFnd	*	*	*	0.001	no	1.04	-		
	HxCB 362	33.56	*	no	*						
128 PCB 188	394	NotFnd	*	*	*	0.001	no	1.069	-		
	HpCB 396	23.81	*	no	*						
129 PCB 179	394	NotFnd	*	*	*	0.001	no	1.122	-		
	HpCB 396	24.09	*	no	*						
130 PCB 184	394	NotFnd	*	*	*	0.001	no	1.054	-		
	HpCB 396	24.57	*	no	*						
131 PCB 176	394	NotFnd	*	*	*	0.001	no	1.032	-		
	HpCB 396	24.88	*	no	*						
132 PCB 186	394	NotFnd	*	*	*	0.001	no	0.965	-		
	HpCB 396	25.28	*	no	*						
133 PCB 178	394	NotFnd	*	*	*	0.001	no	0.77	-		
	HpCB 396	26.56	*	no	*						
134 PCB 175	394	NotFnd	*	*	*	0.001	no	0.803	-		
	HpCB 396	27.16	*	no	*						
135 PCB 187	394	27.40	2917	1.26	5231	0.011289	0.001	29	no	0.814	-
	HpCB 396	27.40	2314	no	*	*		63	no	0.797	-
136 PCB 182	394	NotFnd	*	*	*	0.001	no	0.797	-		
	HpCB 396	27.61	*	no	*						

137 PCB 183	394	NotFnd	*	*	*			0.001	no	1.01	-	
	HpCB 396	27.99	*	no	*							
138 PCB 185	394	NotFnd	*	*	*			0.001	no	0.813	-	
	HpCB 396	28.08	*	no	*							
139 PCB 174	394	NotFnd	*	*	*			0.001	no	0.901	-	
	HpCB 396	28.24	*	no	*							
140 PCB 177	394	NotFnd	*	*	*			0.001	no	0.878	-	
	HpCB 396	28.65	*	no	*							
141 PCB 181	394	NotFnd	*	*	*			0.001	no	0.887	-	
	HpCB 396	29.06	*	no	*							
142 PCB 171/173	394	NotFnd	*	*	*			0.001	no	0.854	-	
	HpCB 396	29.28	*	no	*							
143 PCB 172	394	NotFnd	*	*	*			0.001	no	0.869	-	
	HpCB 396	30.93	*	no	*							
144 PCB 192	394	NotFnd	*	*	*			0.001	no	1.06	-	
	HpCB 396	31.24	*	no	*							
145 PCB 193/180	394	31.63	4449	1.08	8565	0.013891		0.001	97	no	1.172	-
	HpCB 396	31.59	4117	yes	*				36	no	1.186	-
146 PCB 191	394	NotFnd	*	*	*			0.001	no	1.186	-	
	HpCB 396	31.97	*	no	*							
147 PCB 170	394	NotFnd	*	*	*			0.001	no	1.171	-	
	HpCB 396	32.94	*	no	*							
148 PCB 190	394	NotFnd	*	*	*			0.001	no	1.165	-	
	HpCB 396	33.50	*	no	*							
149 PCB 189	394	NotFnd	*	*	*			0	no	0.922	-	
	HpCB 396	36.32	*	no	*							
150 PCB 202	428	NotFnd	*	*	*	-0.00342		-0.00342	*	no	1.031	-
	OcCB 430	28.80	*	no	*				*			
151 PCB 201	428	NotFnd	*	*	*	-0.00327		-0.00327	*	no	1.078	-
	OcCB 430	29.72	*	no	*				*			
152 PCB 204	428	NotFnd	*	*	*	-0.00332		-0.00332	*	no	1.06	-
	OcCB 430	30.41	*	no	*				*			
153 PCB 197	428	NotFnd	*	*	*	-0.00326		-0.00326	*	no	1.082	-
	OcCB 430	30.64	*	no	*				*			
154 PCB 200	428	NotFnd	*	*	*	-0.00347		-0.00347	*	no	1.016	-
	OcCB 430	30.75	*	no	*				*			
155 PCB 198/199	428	33.70	1521	0.88	3253	0.007589		-0.00453	5	no	0.777	-
	OcCB 430	33.69	1732	yes	*				5			
156 PCB 196	428	NotFnd	*	*	*	-0.0043		-0.0043	*	no	0.819	-
	OcCB 430	34.40	*	no	*				*			
157 PCB 203	428	NotFnd	*	*	*	-0.00427		-0.00427	*	no	0.825	-
	OcCB 430	34.60	*	no	*				*			
158 PCB 195	428	NotFnd	*	*	*	-0.00239		-0.00239	*	no	0.931	-
	OcCB 430	36.05	*	no	*				*			
159 PCB 194	428	38.63	-938.95	0.89	-1993.95	-0.00376	PCB 194 NDR	-0.00231	4	xL	0.962	-
	OcCB 430	38.68	-1055	OK	*				3			
160 PCB 205	428	NotFnd	*	*	*	-0.00224		-0.00224	*	no	0.992	-
	OcCB 430	39.22	*	no	*				*			
161 PCB 208	462	NotFnd	*	*	*			0.001	no	1.042	-	
	NoCB 464	35.81	*	no	*							
162 PCB 207	462	NotFnd	*	*	*			0.001	no	1.302	-	
	NoCB 464	36.85	*	no	*							
163 PCB 206	462	NotFnd	*	*	*			0.002	no	1.017	-	
	NoCB 464	41.17	*	no	*							
164 PCB 209	498	43.06	1416	1.24	2561	0.007344		0.001	79	no	1.026	-
	DCB 500	43.06	1144	yes	*				8			
165 PCB 1L	200	8.82	51976	2.86	70180	0.078514		0.004	793	no	0.997	39
	202	8.82	18204	yes	*				23			
166 PCB 3L	200	10.00	53286	3.24	69707	0.074037		0.004	811	no	1.05	37
	202	9.99	16421	yes	*				21			
167 PCB 4L	234	10.11	21557	1.62	34843	0.083696		0.003	114	no	0.464	42
	236	10.10	13285	yes	*				143			
168 PCB 15L	234	12.70	68306	1.47	114667	0.109528		0.002	116	no	1.168	55
	236	12.69	46361	yes	*				175			
169 PCB 19L	268	11.48	22488	0.99	45269	0.09424		0.006	37	no	0.536	47
	270	11.47	22781	yes	*				66			
170 PCB 37L	268	16.35	79302	1.05	154476	0.170661		0.005	107	no	1.848	85
	270	16.35	75173	yes	*				105			
171 PCB 54L	302	12.82	21099	0.76	48944	0.124565		0.002	102	no	0.802	62
	304	12.82	27845	yes	*				283			
172 PCB 81L	302	20.99	63307	0.78	146510	0.187231		0.001	357	no	1.597	94
	304	20.97	83203	yes	*				566			
173 PCB 77L	302	21.42	65772	0.76	151964	0.193026		0.001	360	no	1.607	97
	304	21.42	86192	yes	*				573			
174 PCB 104L	338	15.62	44636	1.67	71394	0.168145		0	2272	no	0.912	84
	340	15.64	26758	yes	*				1768			
175 PCB 123L	338	23.05	90293	1.53	149295	0.202752		0.001	635	no	1.581	101
	340	23.02	59002	yes	*				777			
176 PCB 118L	338	23.33	85213	1.62	137689	0.195811		0.001	591	no	1.51	98
	340	23.31	52476	yes	*				700			
177 PCB 114L	338	23.80	82410	1.56	135141	0.197228		0.001	568	no	1.471	99
	340	23.78	52731	yes	*				699			
178 PCB 105L	338	24.35	83819	1.59	136624	0.197084		0.001	573	no	1.488	99
	340	24.34	52805	yes	*				731			
179 PCB 126L	338	27.19	77936	1.58	127282	0.189691		0.001	503	no	1.44	95
	340	27.15	49347	yes	*				644			
180 PCB 155L	372	19.24	53187	1.21	96987	0.197319		0	3706	no	1.01	99
	374	19.26	43800	yes	*				3406			
181 PCB 167L	372	29.01	75900	1.33	132927	0.191866		0.002	175	no	1.424	96
	374	29.00	57026	yes	*				608			
182 PCB 156L/157L	372	30.17	158565	1.27	283181	0.38945		0.002	306	no	1.495	97
	374	30.15	124616	yes	*				1117			
183 PCB 169L	372	33.53	43699	1.15	81743	0.110703		0.002	100	no	1.518	55
	374	33.54	38045	yes	*				386			

184 PCB 188L	406	23.78	58886	1.08	113280	0.203812	0	914	no	1.142	102
	408	23.78	54394	yes				2603			
185 PCB 180L	406	31.59	54712	1.08	105257	0.191355	0.001	311	no	1.343	96
	408	31.58	50545	yes				1371			
186 PCB 170L	406	32.90	44372	1	88550	0.189386	0.002	248	no	1.141	95
	408	32.89	44178	yes				1196			
187 PCB 189L	406	36.29	76530	1.07	148342	0.188306	0.001	378	no	1.923	94
	408	36.29	71812	yes				459			
188 PCB 202L	440	28.77	53624	0.98	108256	0.195328	0	4156	no	1.353	98
	442	28.76	54632	yes				2696			
189 PCB 205L	440	39.19	55085	0.96	112339	0.192592	0.001	646	no	1.424	96
	442	39.19	57255	yes				815			
190 PCB 208L	474	35.78	44471	0.75	103899	0.193707	0.001	654	no	1.309	97
	476	35.79	59427	yes				932			
191 PCB 206L	474	41.17	35845	0.79	81006	0.214122	0.001	508	no	0.924	107
	476	41.20	45161	yes				622			
192 PCB 209L	510	43.02	36615	1.17	67941	0.200222	0	2195	no	0.828	100
	512	43.06	31326	yes				1763			
193 PCB 28L	268	14.11	70653	1.04	138384	0.143468	0.004	103	no	1.969	65
PCB Cleanup Standard	270	14.13	67731	yes				104			
194 PCB 111L	338	21.42	74598	1.56	122343	0.191303	0	2418	no	1.373	86
PCB Cleanup Standard	340	21.40	47745	yes				1402			
195 PCB 178L	406	26.51	35797	1.02	70964	0.199181	0.001	519	no	0.732	90
PCB Cleanup Standard	408	26.52	35167	yes				1570			
196 PCB 31L	268	NotFnd	*	*	*		0.005		no	1.878	
PCB Audit Standard	270	13.98	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0		no	0.916	
PCB Audit Standard	340	17.38	*	no							
198 PCB 153L	372	NotFnd	*	*	*		0.001		no	1.173	
PCB Audit Standard	374	24.98	*	no							
199 PCB 9L	234	10.99	607493	1.57	995782	2.471864	-	1120	no	-	-
PCB Recovery Standard	236	11.00	388289	yes				1645			
200 PCB 52L	302	15.07	243754	0.81	544251	2.429918	-	1617	no	-	-
PCB Recovery Standard	304	15.05	300497	yes				3240			
201 PCB 101L	338	19.38	317156	1.58	517508	2.54406	-	11079	no	-	-
PCB Recovery Standard	340	19.36	200353	yes				6306			
202 PCB 138L	372	26.10	304888	1.29	540475	2.606389	-	3227	no	-	-
PCB Recovery Standard	374	26.07	235587	yes				2275			
203 PCB 194L	440	38.65	218180	0.92	455115	2.436971	-	2554	no	-	-
PCB Recovery Standard	442	38.59	236935	yes				3341			
Chlorobiphenyls						-0.001	0	-0.001			
Dichlorobiphenyls						0.010181	1	-0.007			
Trichlorobiphenyls						0.020675	4	-0.003			
Tetrachlorobiphenyls						0.076978	6	-0.003			
Pentachlorobiphenyls						0.103502	5	-0.001			
Hexachlorobiphenyls						0.060985	3	-0.002			
Heptachlorobiphenyls						0.02518	2	-0.001			
Octachlorobiphenyls						0.007589	1	-0.00453			
Nonachlorobiphenyls						-0.002	0	-0.002			
Decachlorobiphenyl						0.007344	1	-0.001			
PCB (total)						0.312434					

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM  
Printed: Monday, June 12, 2017 10:34:35 AM

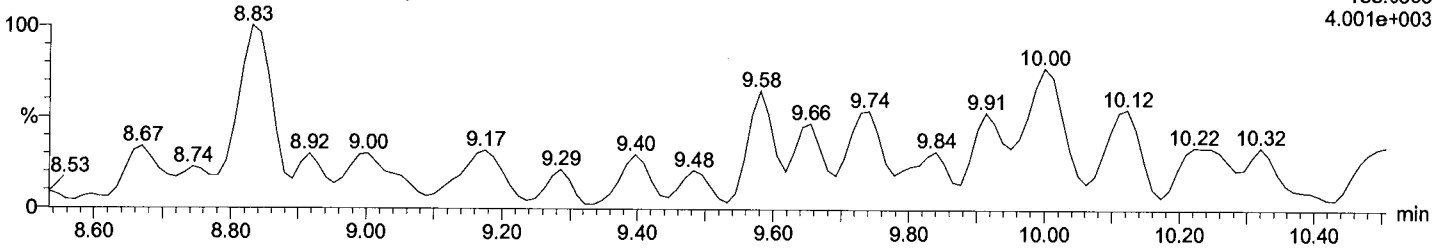
Method: C:\MassLynx\Default.PRO\MethDB\1668A\_PCB209\_M1170609B.mdb 10 Jun 2017 07:47:44  
Calibration: C:\MassLynx\Default.pro\Curvedb\PCB209\_M1170609B.cdb 10 Jun 2017 07:56:47

Description: EIY565-01R, 5x  
Vial: 8  
Date: 10-Jun-2017  
Time: 00:32:18  
Instrument:

**Total MoCB F1**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

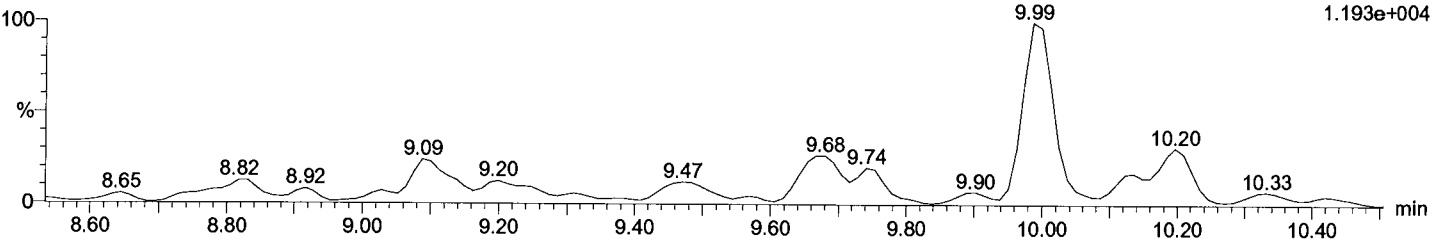
F1:Voltage SIR,EI+  
188.0393  
4.001e+003



**Total MoCB F1**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

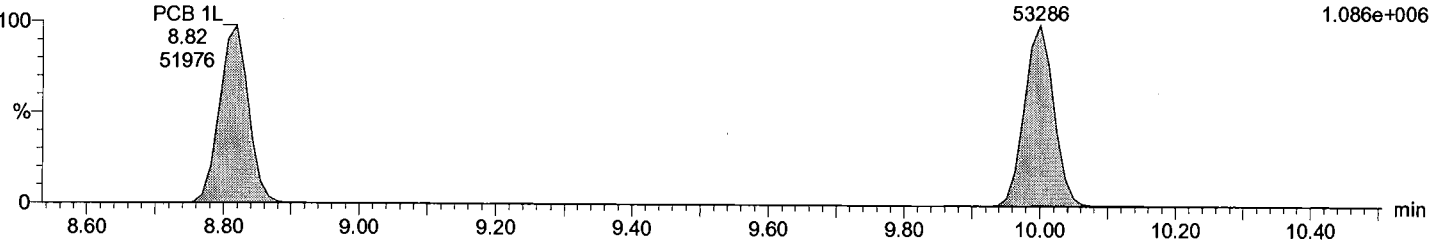
F1:Voltage SIR,EI+  
190.0363  
1.193e+004



**Total MoCB labeled F1**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

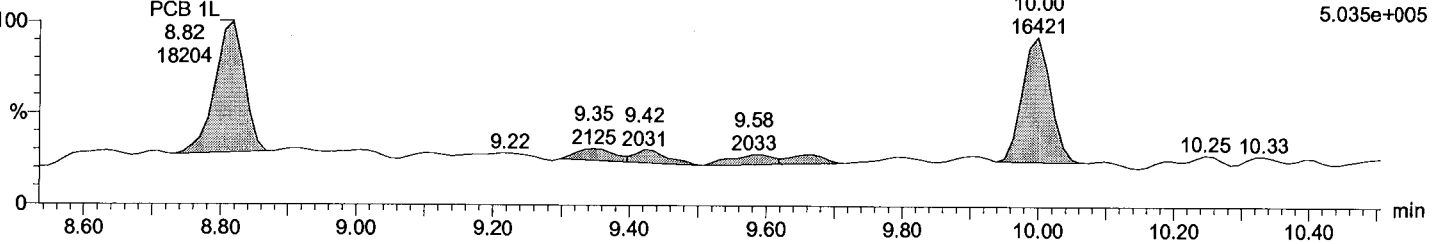
PCB 3L  
10.00  
53286  
F1:Voltage SIR,EI+  
200.0795  
1.086e+006



**Total MoCB labeled F1**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 3L  
10.00  
16421  
F1:Voltage SIR,EI+  
202.076  
5.035e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

Date: 10-Jun-2017

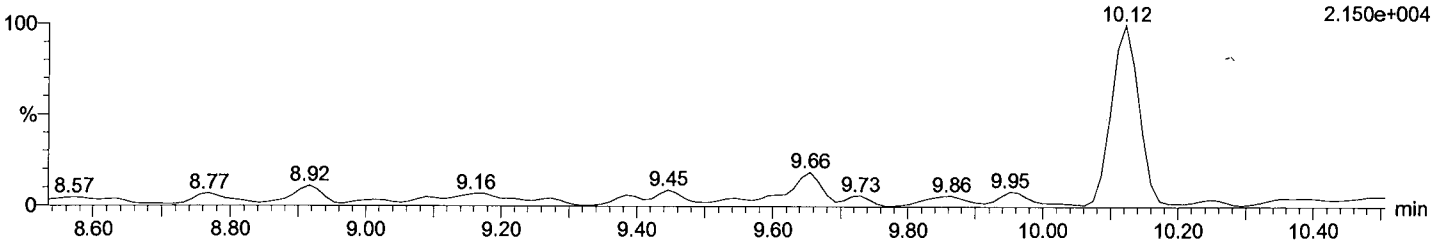
Time: 00:32:18

Instrument:

Total DiCB F1

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

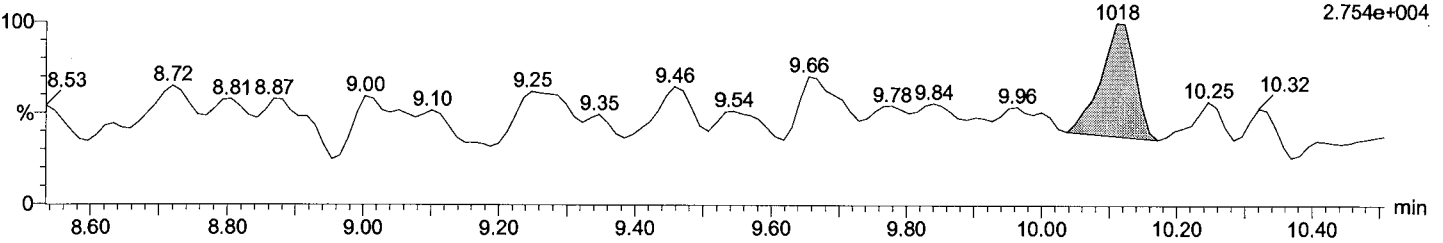
F1:Voltage SIR,EI+  
222.0003  
2.150e+004



Total DiCB F1

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

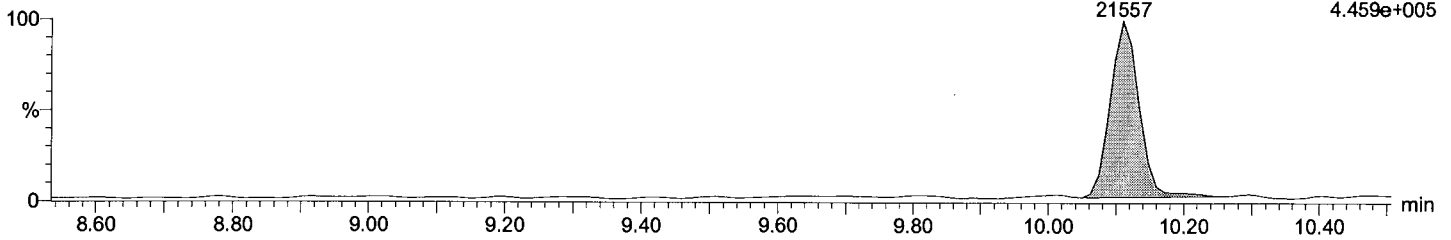
F1:Voltage SIR,EI+  
223.9974  
2.754e+004



Total DiCB labeled F1

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

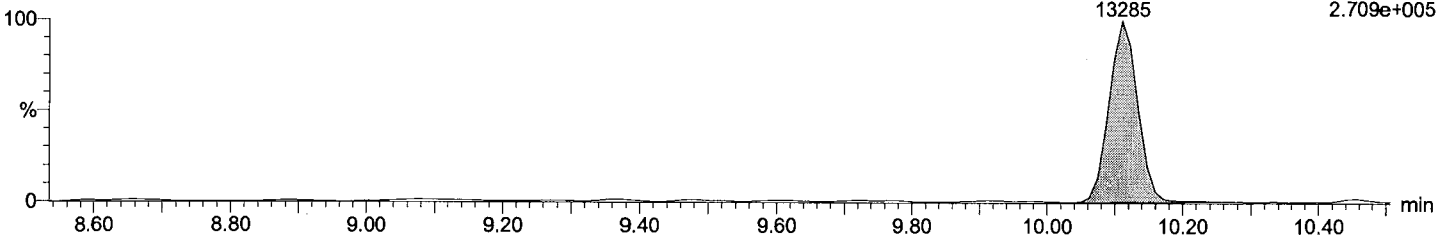
PCB 4L  
10.11  
21557  
F1:Voltage SIR,EI+  
234.0406  
4.459e+005



Total DiCB labeled F1

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 4L  
10.11  
13285  
F1:Voltage SIR,EI+  
236.0376  
2.709e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

Date: 10-Jun-2017

Time: 00:32:18

Instrument:

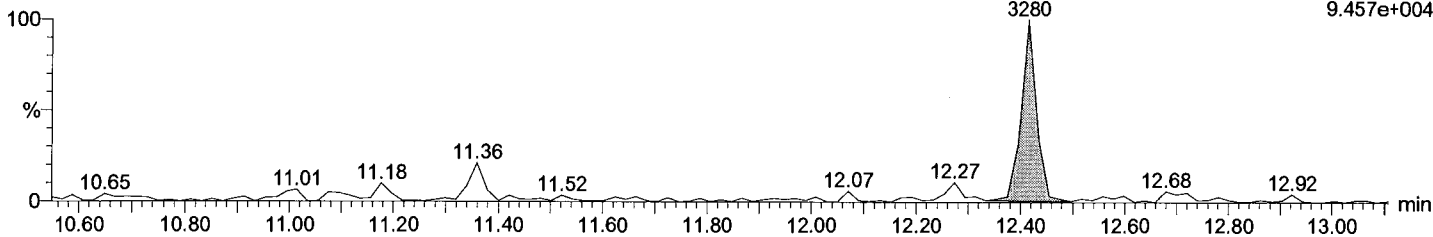
Total DiCB F2

M1170609B08

EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 11  
12.41  
3280

F2:Voltage SIR,EI+  
222.0003  
9.457e+004



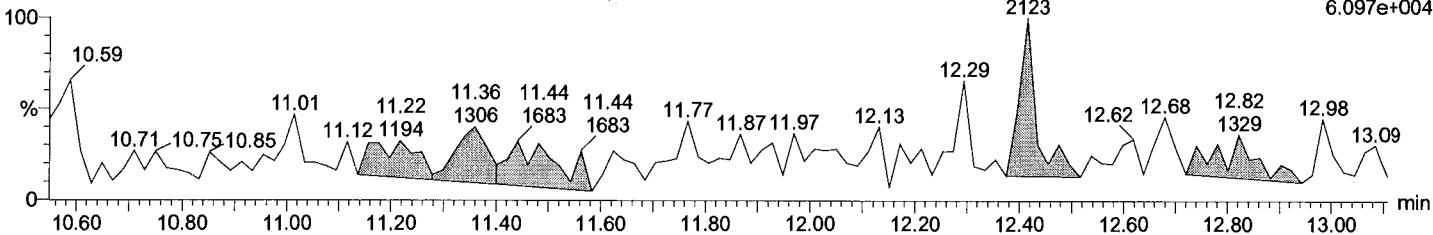
Total DiCB F2

M1170609B08

EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 11  
12.41  
2123

F2:Voltage SIR,EI+  
223.9974  
6.097e+004



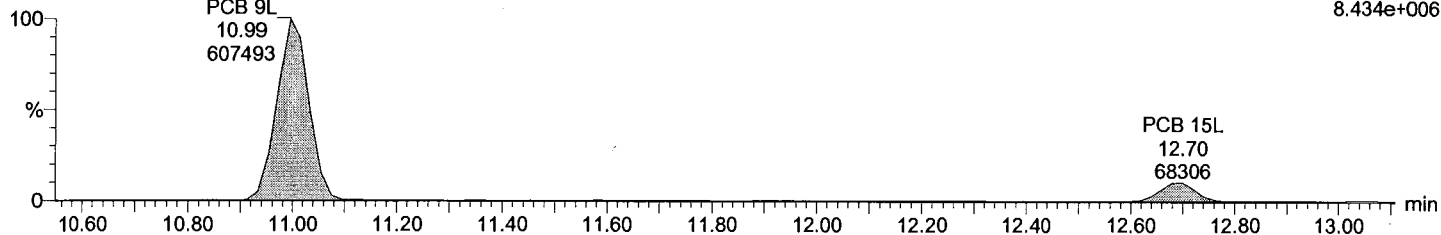
Total DiCB labeled F2

M1170609B08 Smooth(SG,3x1)

EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 9L  
10.99  
607493

F2:Voltage SIR,EI+  
234.0406  
8.434e+006



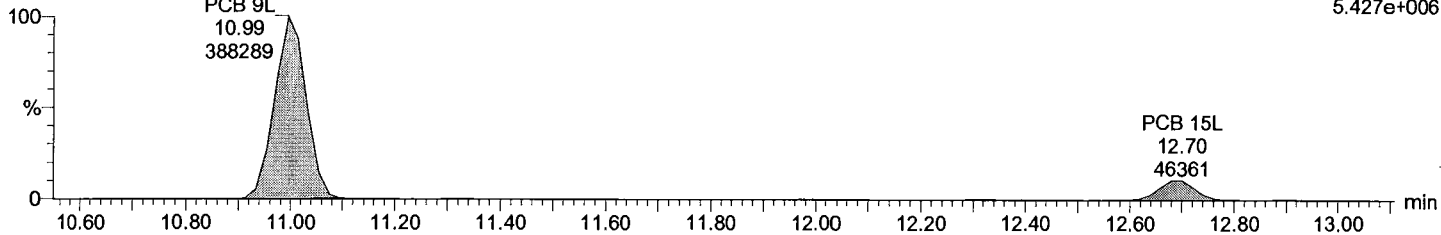
Total DiCB labeled F2

M1170609B08 Smooth(SG,3x1)

EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 9L  
10.99  
388289

F2:Voltage SIR,EI+  
236.0376  
5.427e+006



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

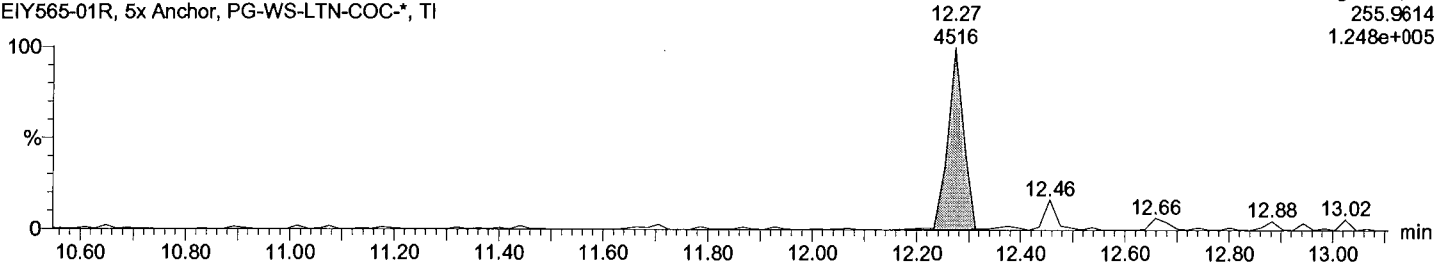
Last Altered: Monday, June 12, 2017 10:33:50 AM  
Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x  
Vial: 8  
Date: 10-Jun-2017  
Time: 00:32:18  
Instrument:

**Total TriCB F2**

M1170609B08  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

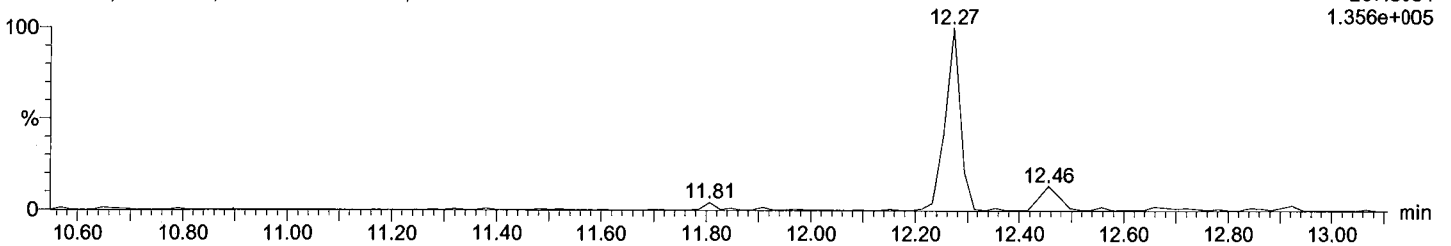
F2:Voltage SIR,EI+  
255.9614  
1.248e+005



**Total TriCB F2**

M1170609B08  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

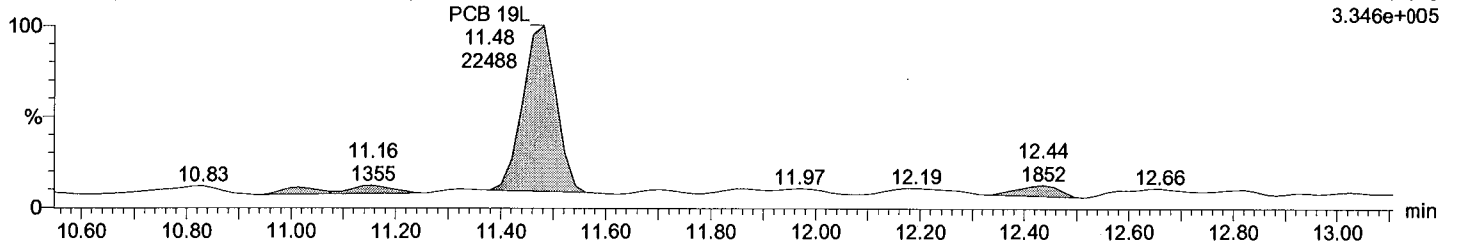
F2:Voltage SIR,EI+  
257.9584  
1.356e+005



**Total TriCB labeled F2**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

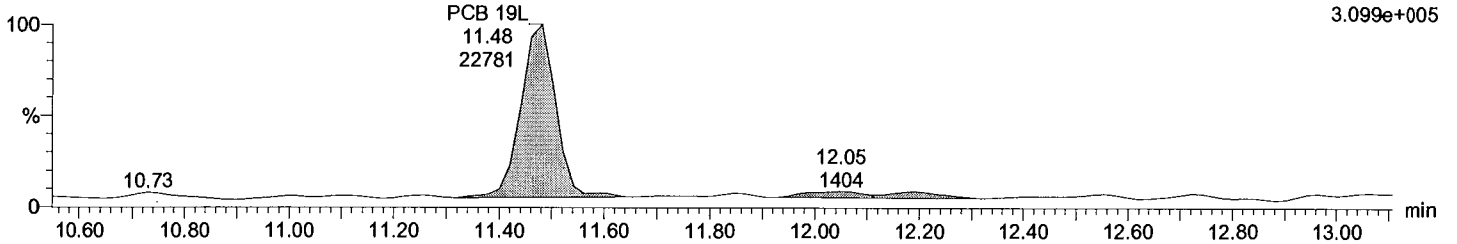
F2:Voltage SIR,EI+  
268.0016  
3.346e+005



**Total TriCB labeled F2**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
269.9986  
3.099e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

Date: 10-Jun-2017

Time: 00:32:18

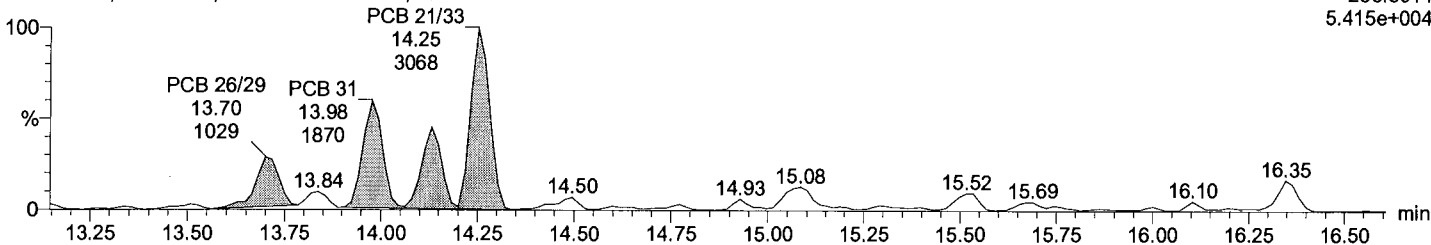
Instrument:

Total TriCB F3

M1170609B08 Smooth(SG,1x1)

EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
255.9614  
5.415e+004

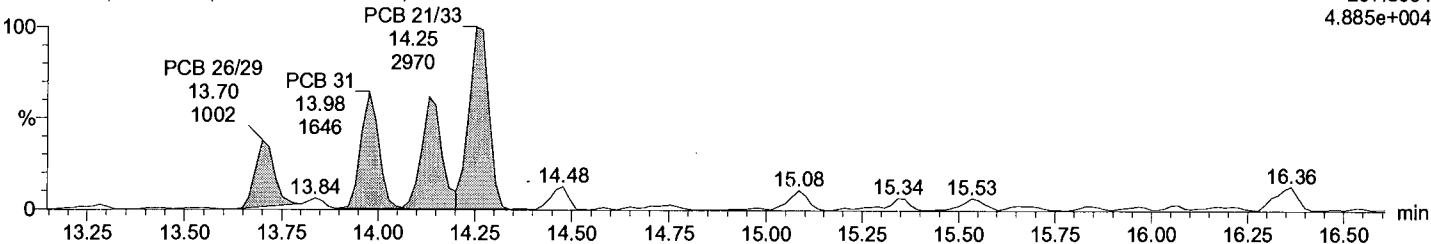


Total TriCB F3

M1170609B08 Smooth(SG,1x1)

EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
257.9584  
4.885e+004

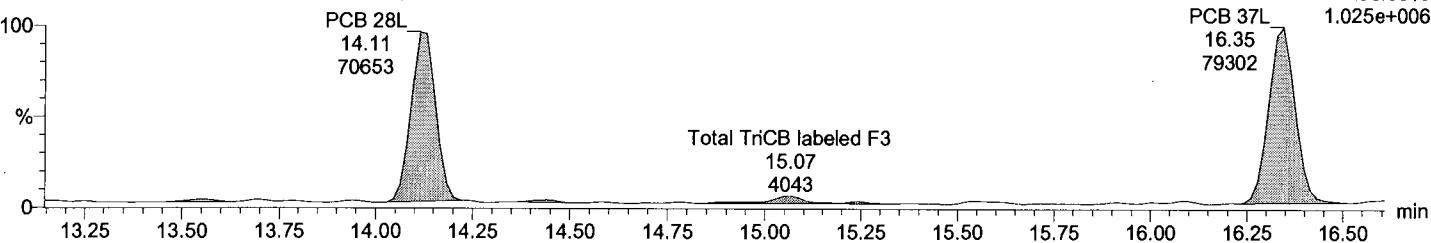


Total TriCB labeled F3

M1170609B08 Smooth(SG,3x1)

EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
268.0016  
1.025e+006

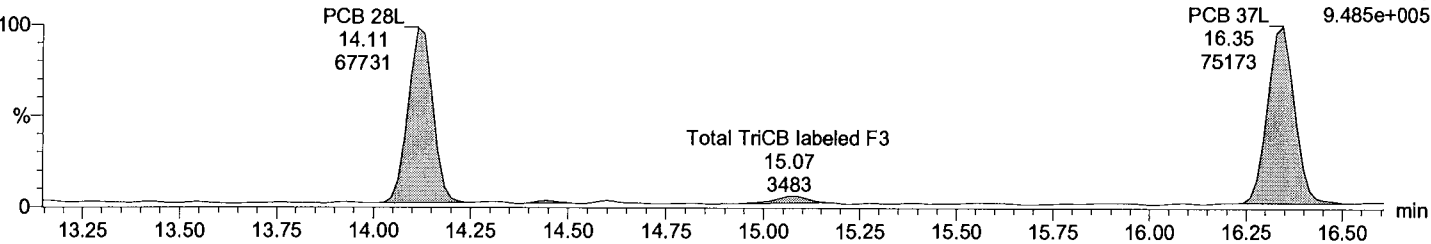


Total TriCB labeled F3

M1170609B08 Smooth(SG,3x1)

EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
269.9986  
9.485e+005





Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

Date: 10-Jun-2017

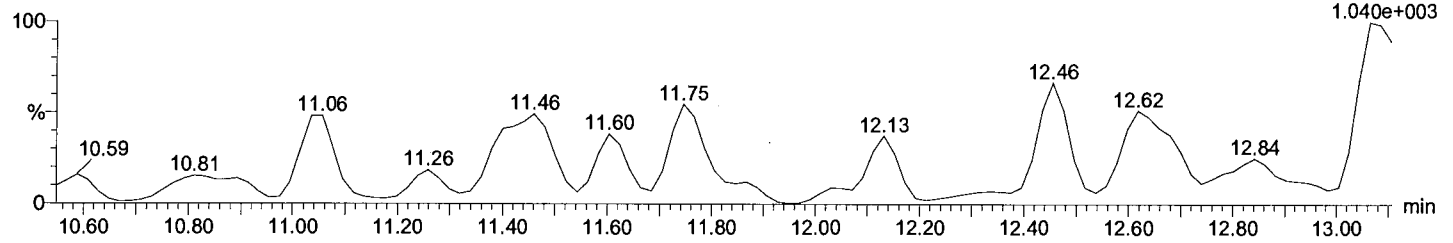
Time: 00:32:18

Instrument:

Total TeCB F2

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

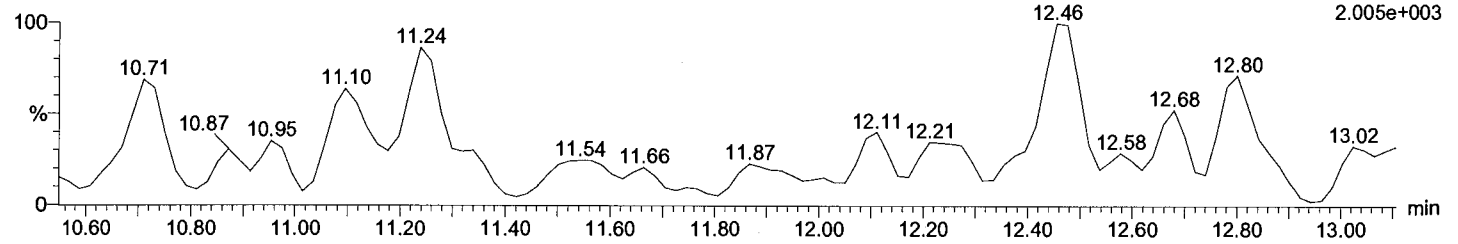
F2:Voltage SIR,EI+  
289.9224



Total TeCB F2

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

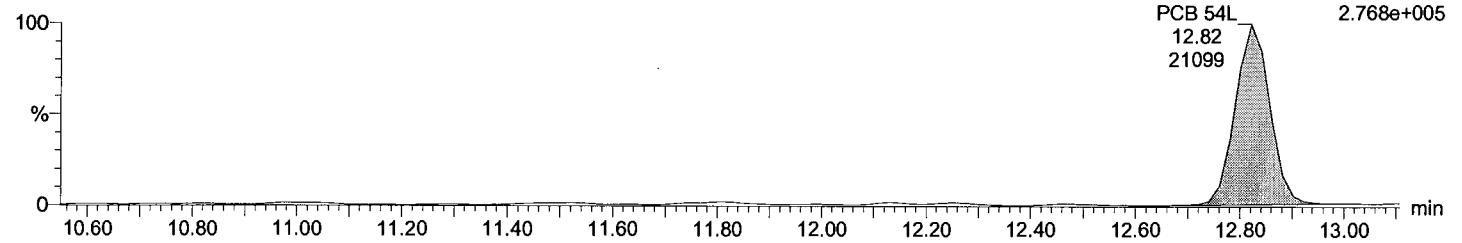
F2:Voltage SIR,EI+  
291.9194



Total TeCB labeled F2

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

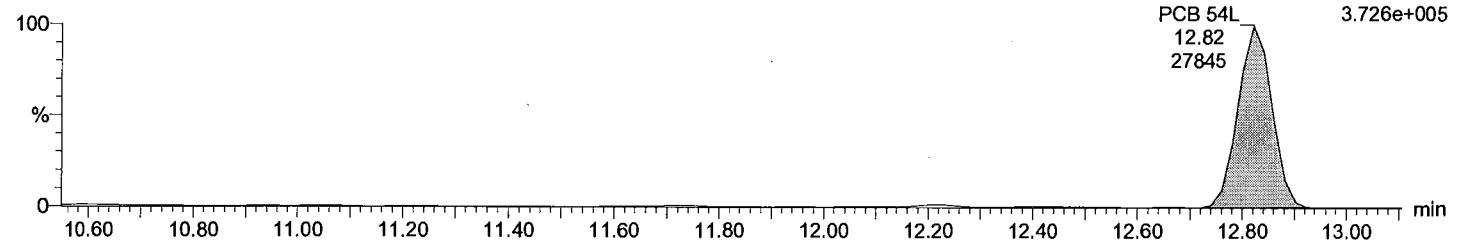
F2:Voltage SIR,EI+  
301.9626



Total TeCB labeled F2

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
303.9597



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

Date: 10-Jun-2017

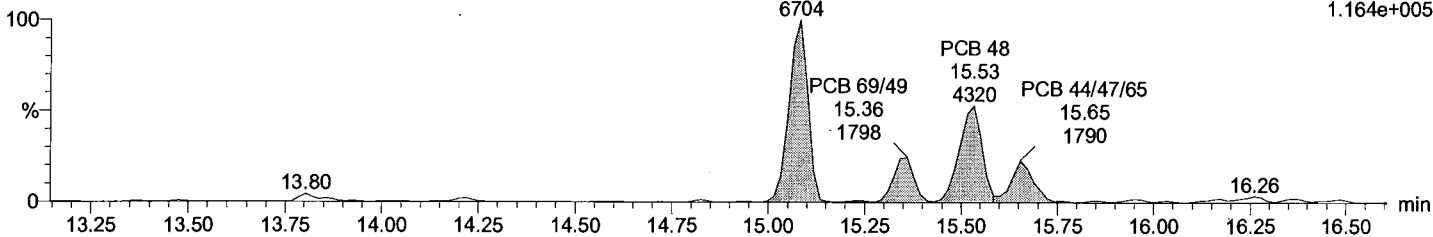
Time: 00:32:18

Instrument:

Total TeCB F3

M1170609B08 Smooth(SG,1x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

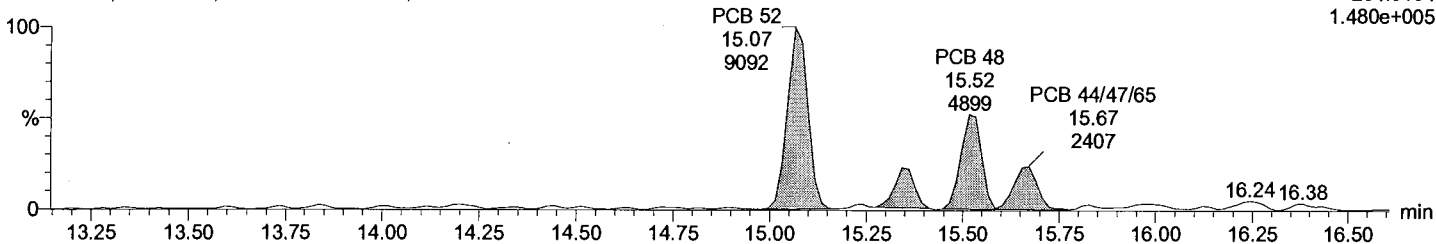
F3:Voltage SIR,EI+  
289.9224  
1.164e+005



Total TeCB F3

M1170609B08 Smooth(SG,1x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

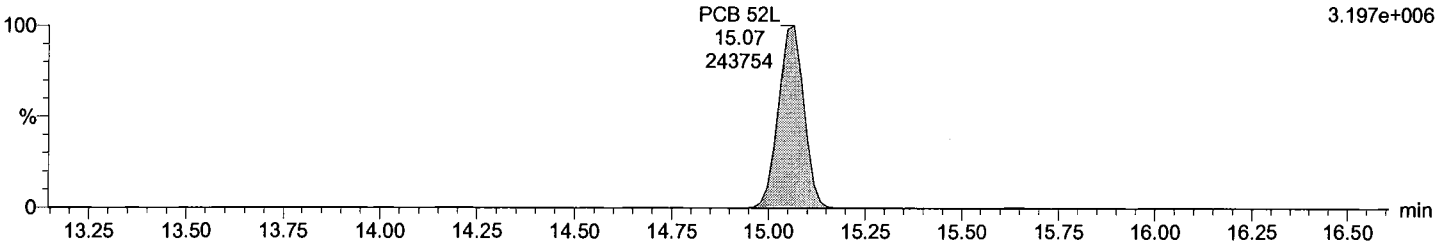
F3:Voltage SIR,EI+  
291.9194  
1.480e+005



Total TeCB labeled F3

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

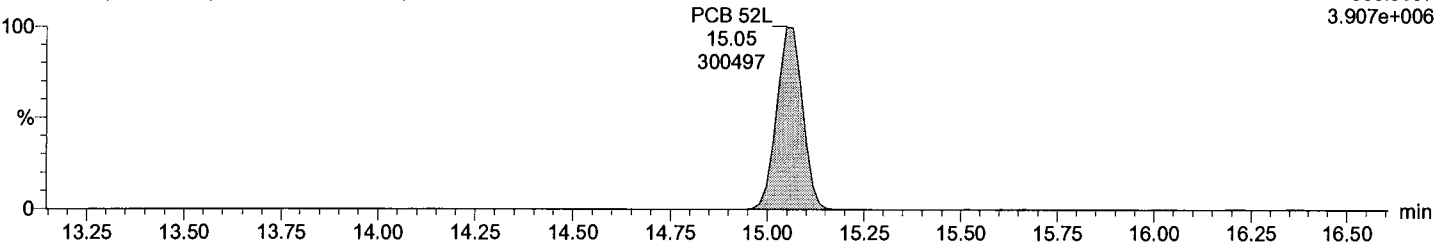
F3:Voltage SIR,EI+  
301.9626  
3.197e+006



Total TeCB labeled F3

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
303.9597  
3.907e+006



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

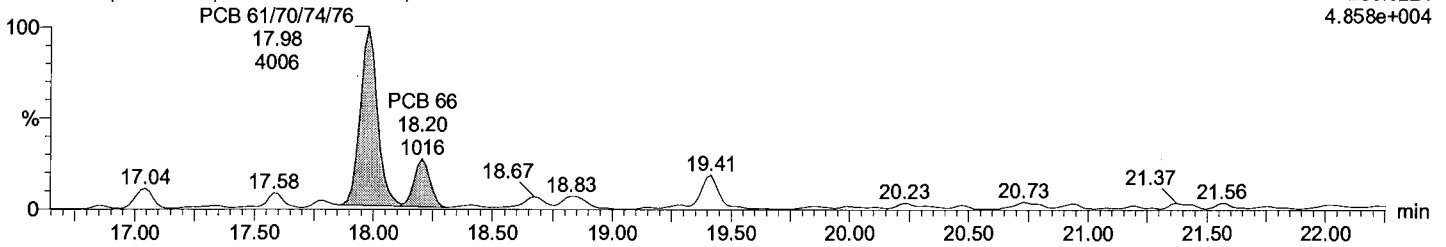
Last Altered: Monday, June 12, 2017 10:33:50 AM  
Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x  
Vial: 8  
Date: 10-Jun-2017  
Time: 00:32:18  
Instrument:

**Total TeCB F4**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

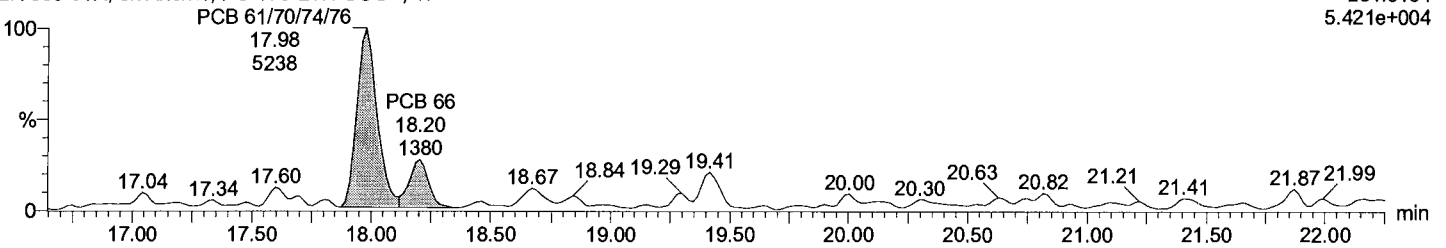
F4:Voltage SIR,EI+  
289.9224  
4.858e+004



**Total TeCB F4**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

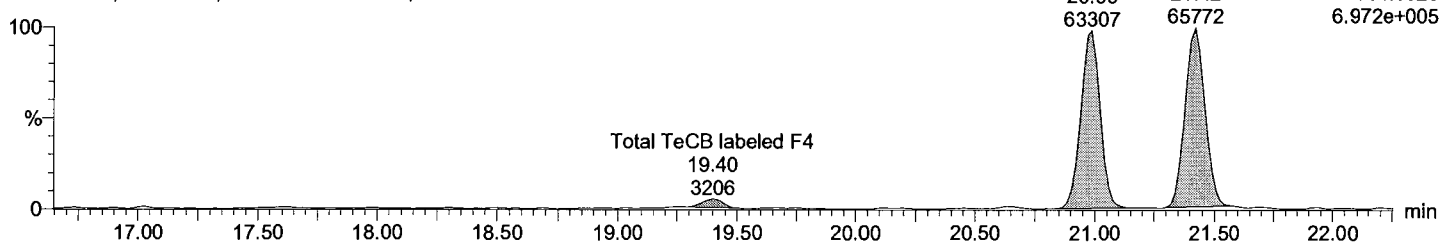
F4:Voltage SIR,EI+  
291.9194  
5.421e+004



**Total TeCB labeled F4**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

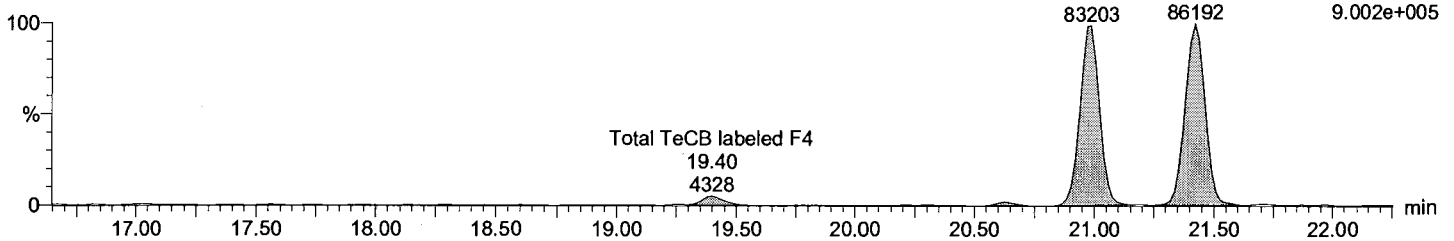
PCB 81L 20.99 63307  
PCB 77L 21.42 65772  
F4:Voltage SIR,EI+  
301.9626  
6.972e+005



**Total TeCB labeled F4**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 81L 20.99 83203  
PCB 77L 21.42 86192  
F4:Voltage SIR,EI+  
303.9597  
9.002e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

Date: 10-Jun-2017

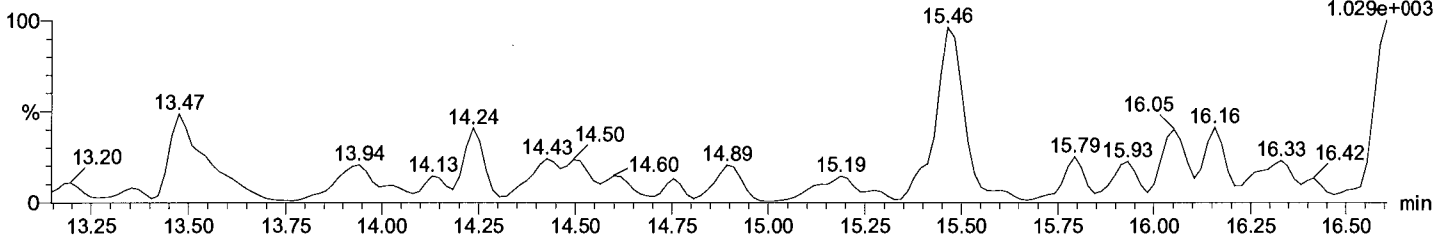
Time: 00:32:18

Instrument:

Total PeCB F3

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

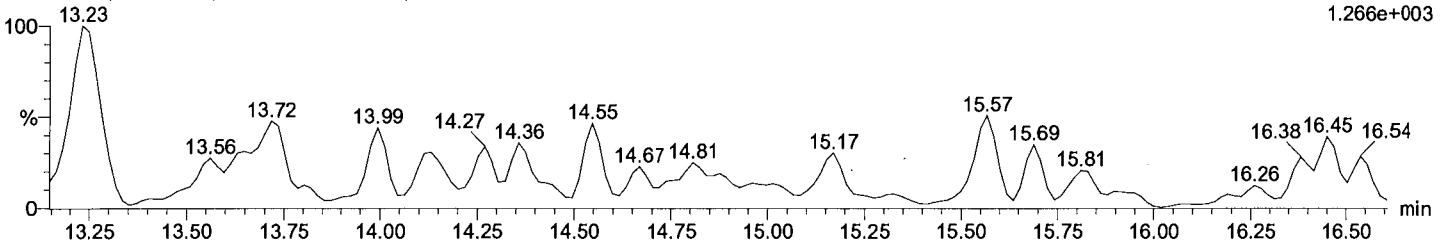
F3:Voltage SIR,EI+  
325.8805  
1.029e+003



Total PeCB F3

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
327.8775  
1.266e+003

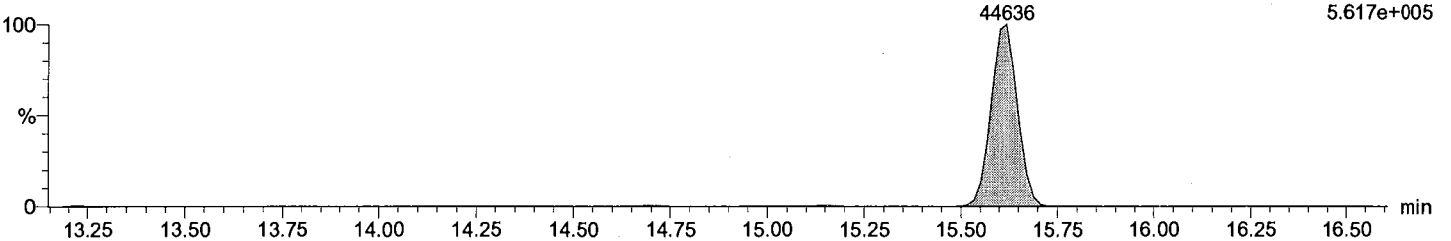


Total PeCB labeled F3

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 104L  
15.62  
44636

F3:Voltage SIR,EI+  
337.9207  
5.617e+005

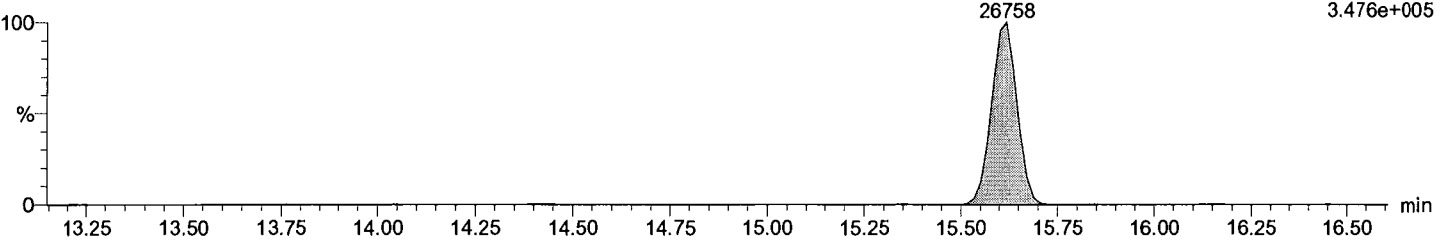


Total PeCB labeled F3

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 104L  
15.62  
26758

F3:Voltage SIR,EI+  
339.9178  
3.476e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

Date: 10-Jun-2017

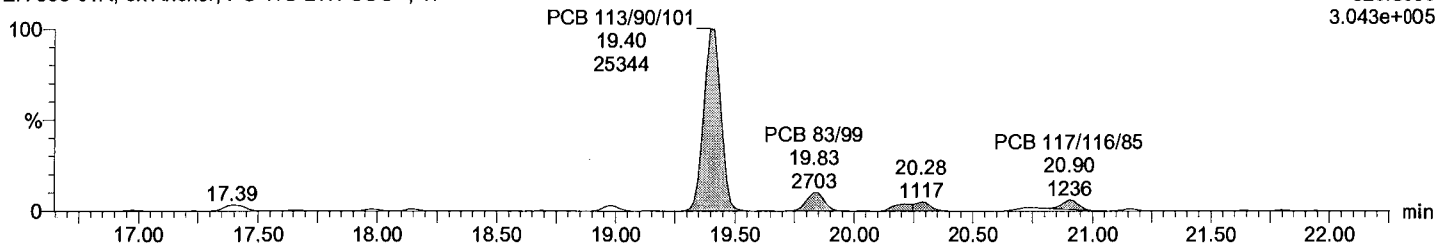
Time: 00:32:18

Instrument:

Total PeCB F4

M1170609B08 Smooth(SG,2x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

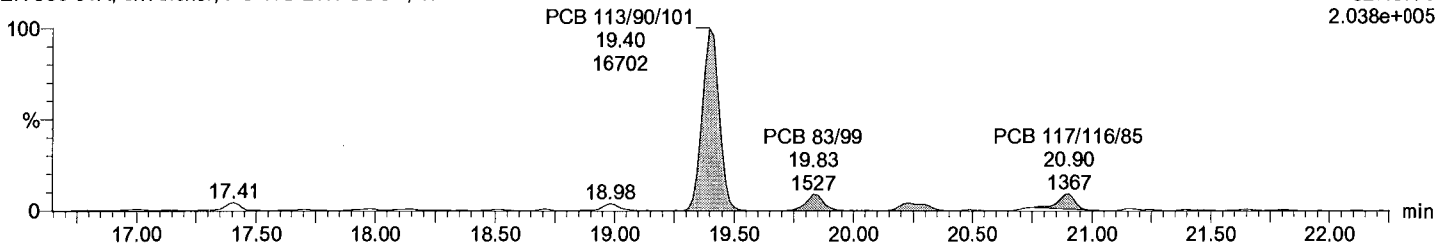
F4:Voltage SIR,EI+  
325.8805  
3.043e+005



Total PeCB F4

M1170609B08 Smooth(SG,2x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

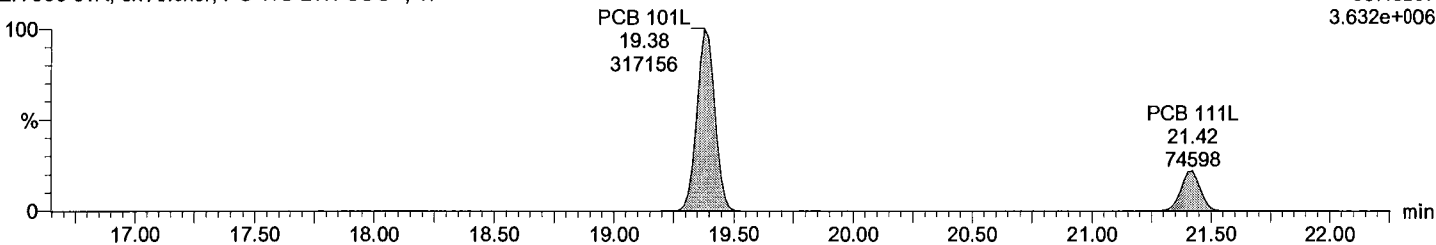
F4:Voltage SIR,EI+  
327.8775  
2.038e+005



Total PeCB labeled F4

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

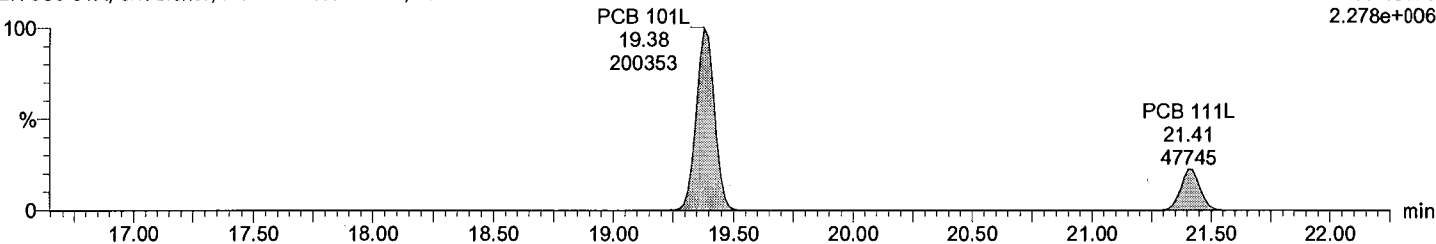
F4:Voltage SIR,EI+  
337.9207  
3.632e+006



Total PeCB labeled F4

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
339.9178  
2.278e+006



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

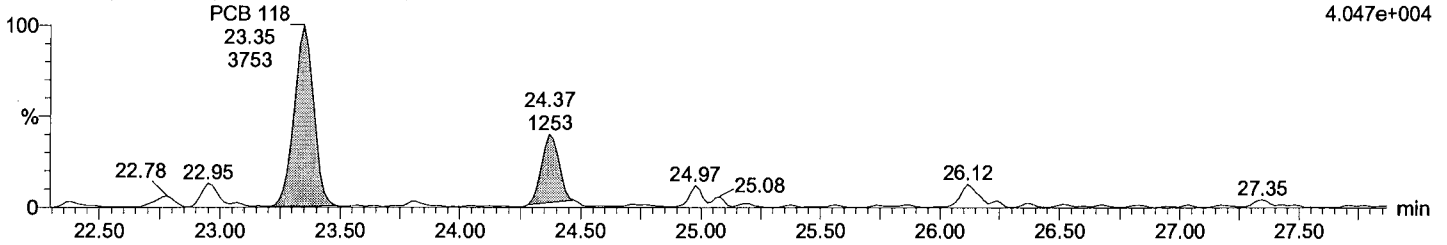
Last Altered: Monday, June 12, 2017 10:33:50 AM  
Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x  
Vial: 8  
Date: 10-Jun-2017  
Time: 00:32:18  
Instrument:

**Total PeCB F5**

M1170609B08 Smooth(SG,2x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

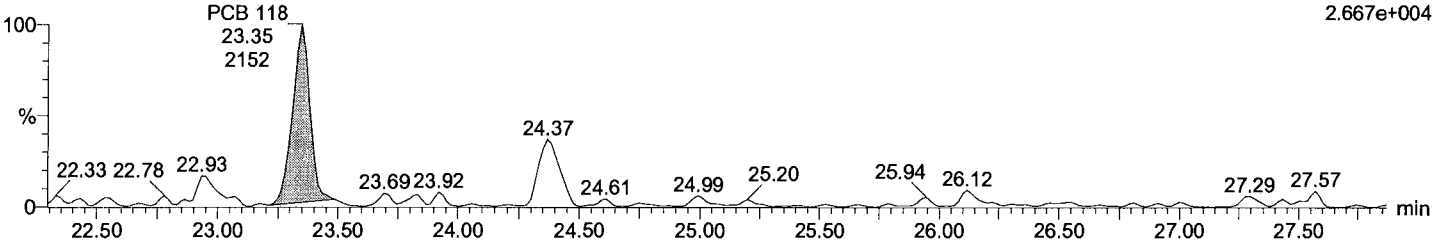
F5:Voltage SIR,EI+  
325.8805  
4.047e+004



**Total PeCB F5**

M1170609B08 Smooth(SG,2x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

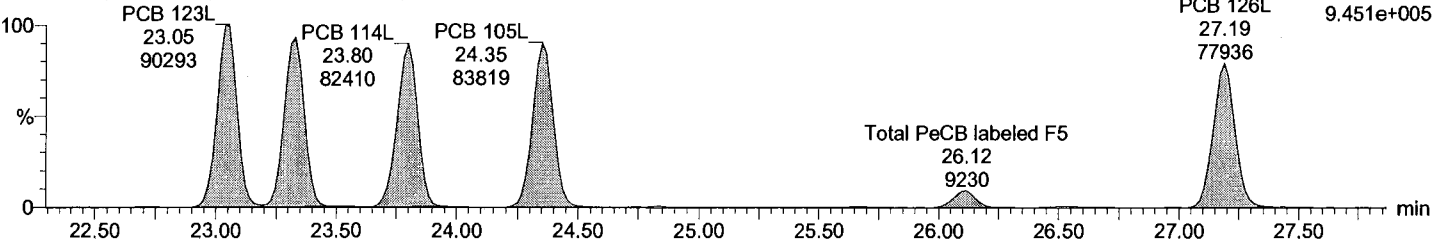
F5:Voltage SIR,EI+  
327.8775  
2.667e+004



**Total PeCB labeled F5**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

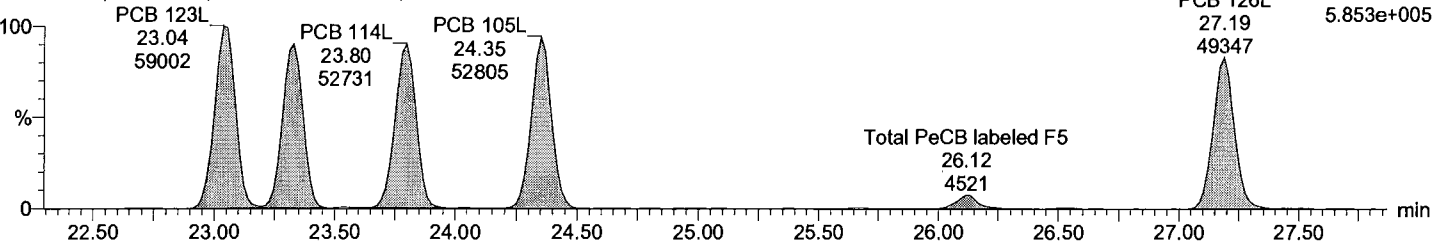
F5:Voltage SIR,EI+  
337.9207  
9.451e+005



**Total PeCB labeled F5**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F5:Voltage SIR,EI+  
339.9178  
5.853e+005



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

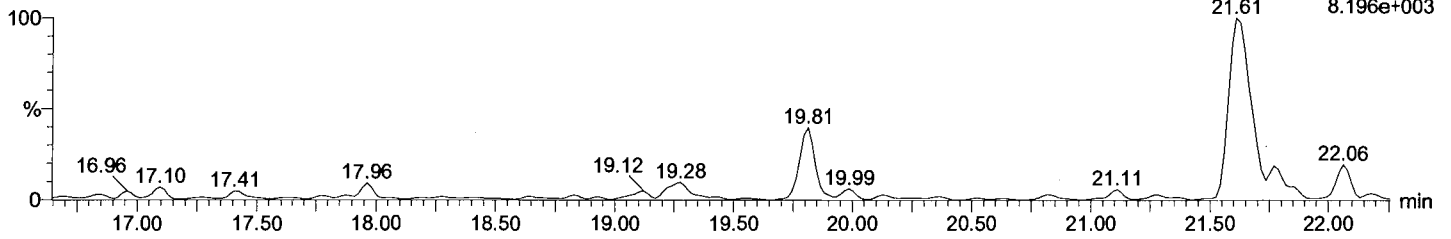
Last Altered: Monday, June 12, 2017 10:33:50 AM  
Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x  
Vial: 8  
Date: 10-Jun-2017  
Time: 00:32:18  
Instrument:

**Total HxCB F4**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

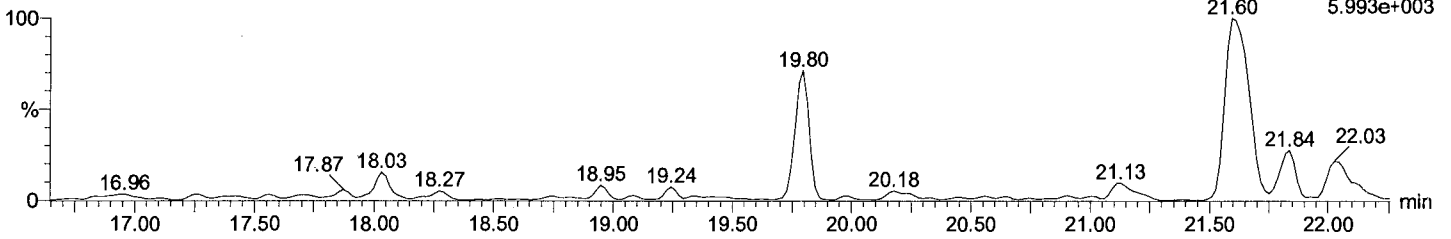
F4:Voltage SIR,EI+  
359.8415  
8.196e+003



**Total HxCB F4**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

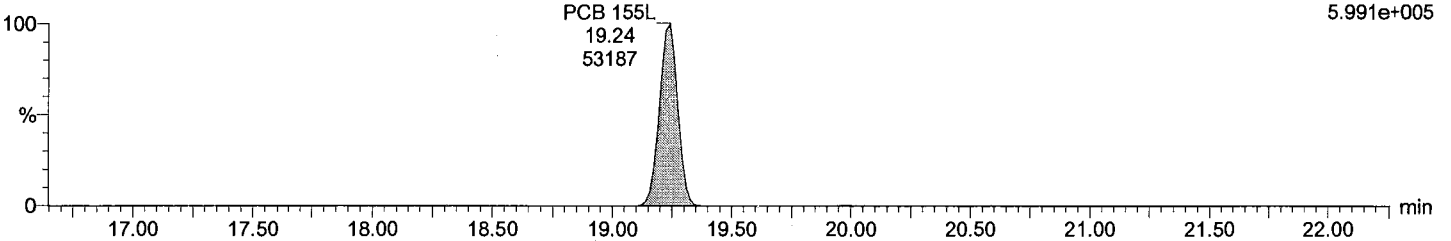
F4:Voltage SIR,EI+  
361.8385  
5.993e+003



**Total HxCB labeled F4**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

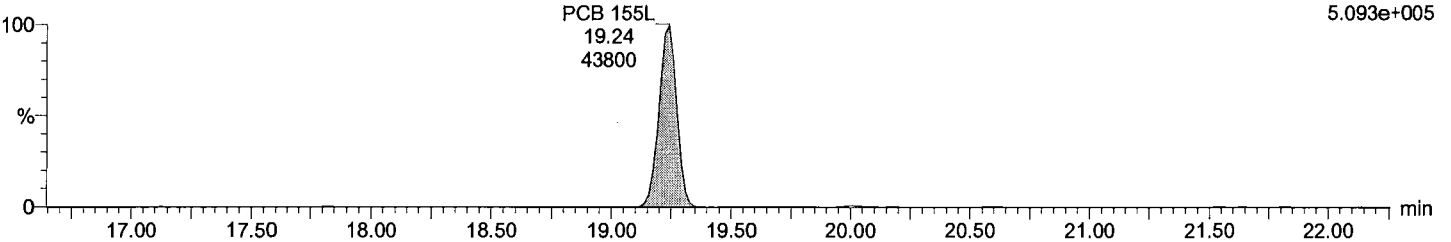
F4:Voltage SIR,EI+  
371.8817  
5.991e+005



**Total HxCB labeled F4**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
373.8788  
5.093e+005



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

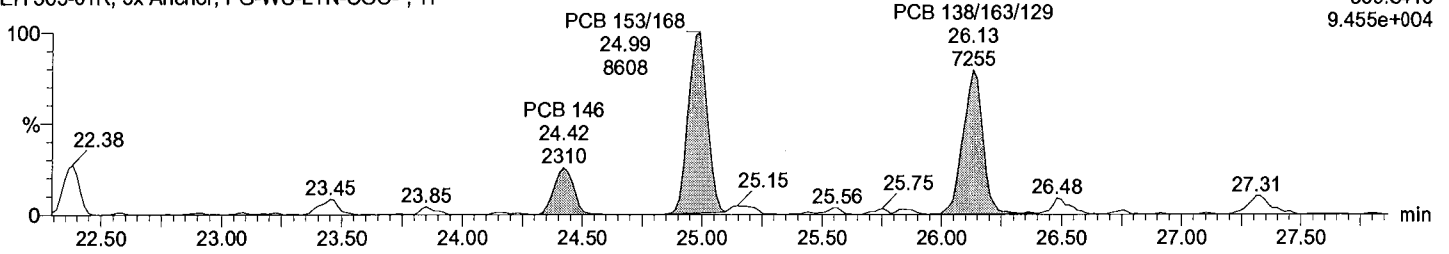
Last Altered: Monday, June 12, 2017 10:33:50 AM  
Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x  
Vial: 8  
Date: 10-Jun-2017  
Time: 00:32:18  
Instrument:

**Total HxCB F5**

M1170609B08 Smooth(SG,1x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

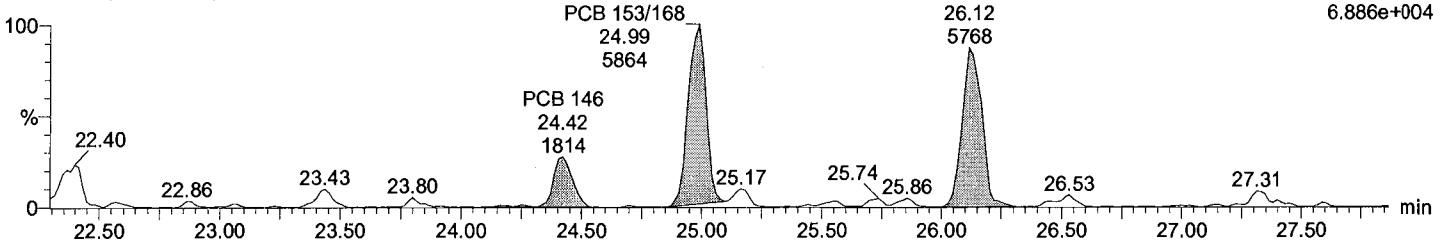
F5:Voltage SIR,EI+  
359.8415  
9.455e+004



**Total HxCB F5**

M1170609B08 Smooth(SG,1x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

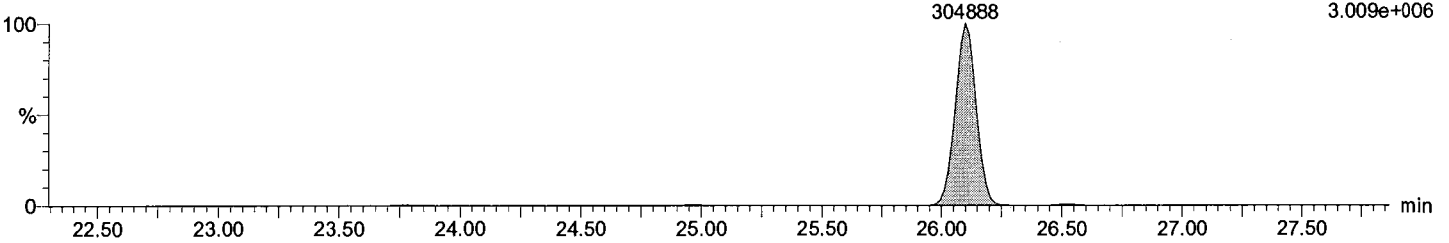
F5:Voltage SIR,EI+  
361.8385  
6.886e+004



**Total HxCB labeled F5**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

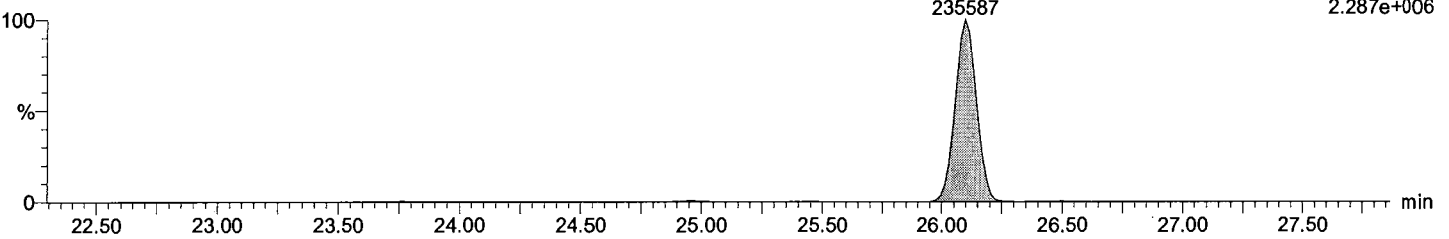
F5:Voltage SIR,EI+  
371.8817  
3.009e+006



**Total HxCB labeled F5**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F5:Voltage SIR,EI+  
373.8788  
2.287e+006





Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

Date: 10-Jun-2017

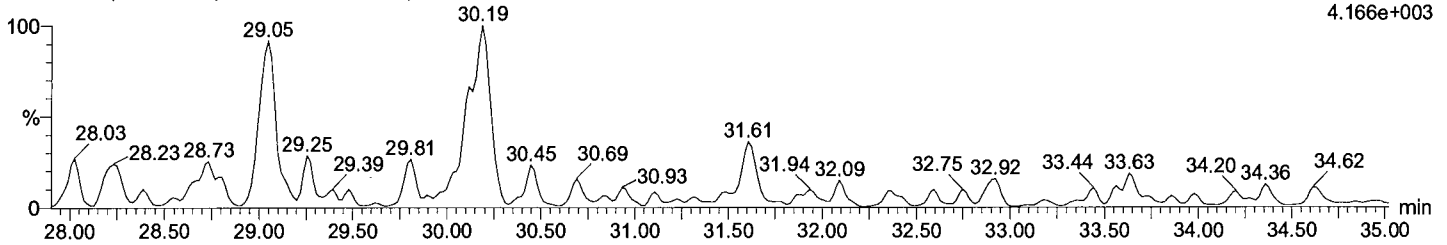
Time: 00:32:18

Instrument:

Total HxCB F6

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

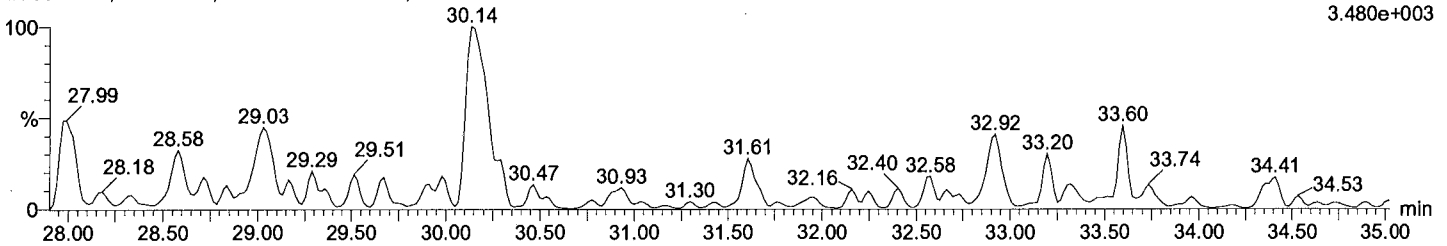
F6:Voltage SIR,EI+  
359.8415  
4.166e+003



Total HxCB F6

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

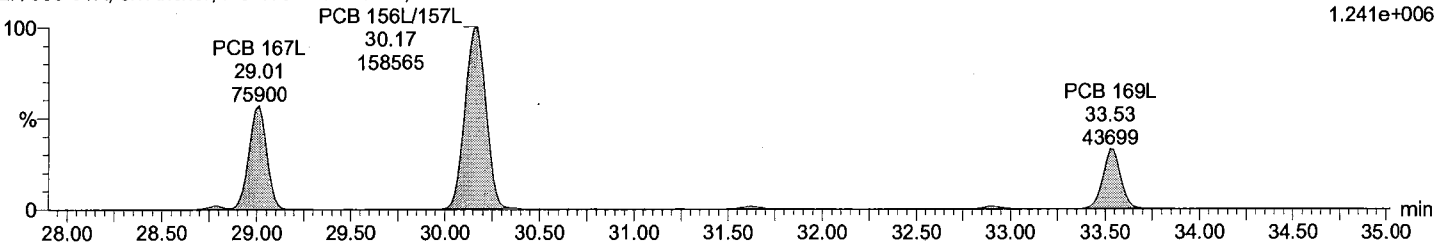
F6:Voltage SIR,EI+  
361.8385  
3.480e+003



Total HxCB labeled F6

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

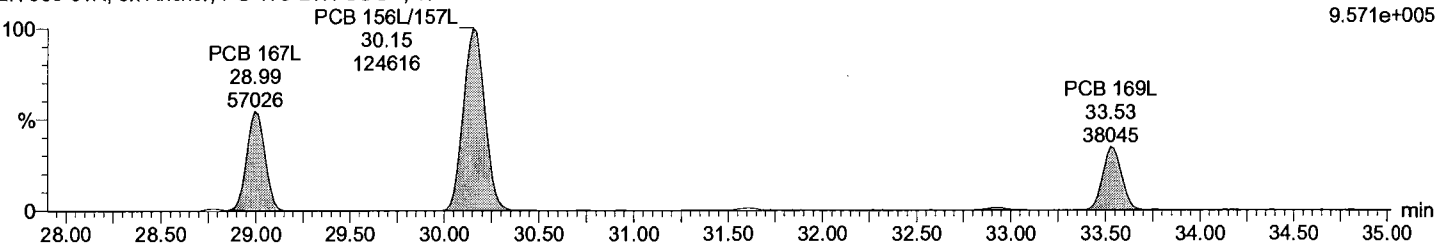
F6:Voltage SIR,EI+  
371.8817  
1.241e+006



Total HxCB labeled F6

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
373.8788  
9.571e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

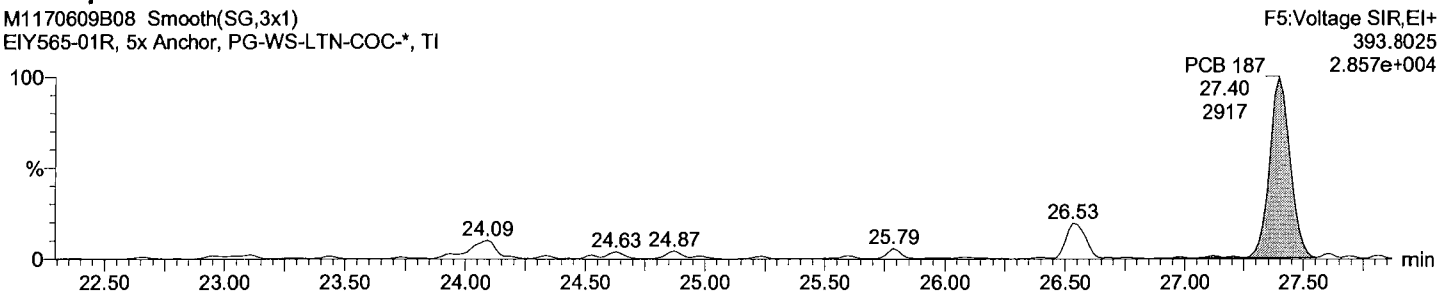
Date: 10-Jun-2017

Time: 00:32:18

Instrument:

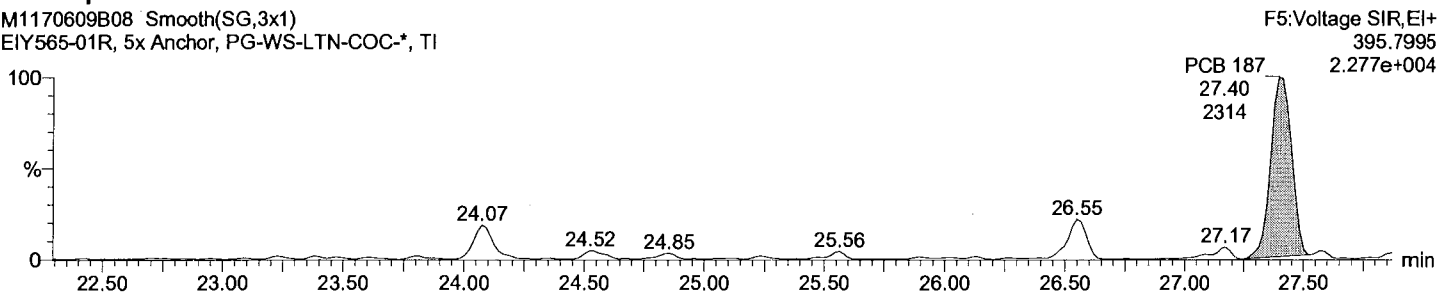
Total HpCB F5

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



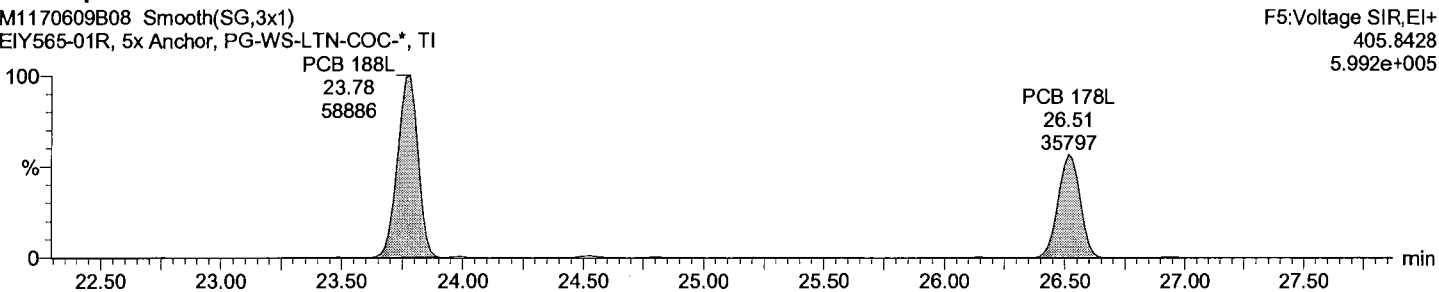
Total HpCB F5

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



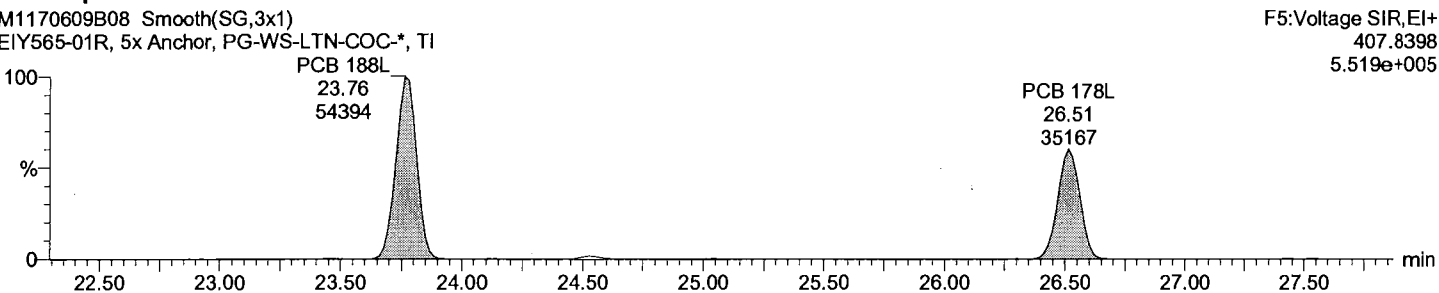
Total HpCB labeled F5

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Total HpCB labeled F5

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

Date: 10-Jun-2017

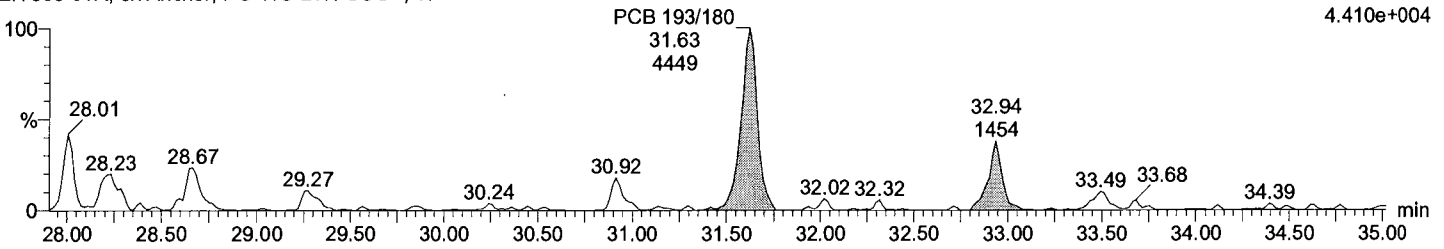
Time: 00:32:18

Instrument:

Total HpCB F6

M1170609B08 Smooth(SG,1x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

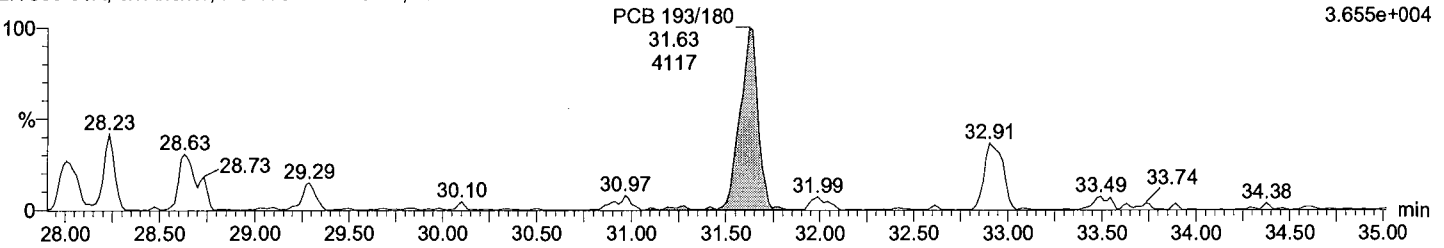
F6:Voltage SIR,EI+  
393.8025  
4.410e+004



Total HpCB F6

M1170609B08 Smooth(SG,1x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

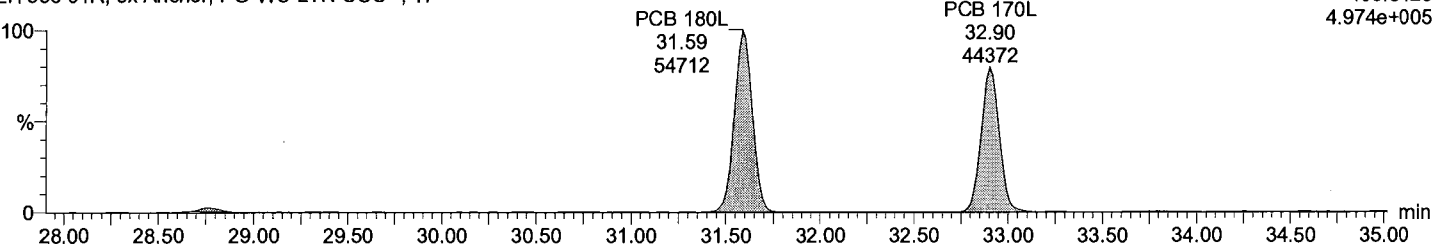
F6:Voltage SIR,EI+  
395.7995  
3.655e+004



Total HpCB labeled F6

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

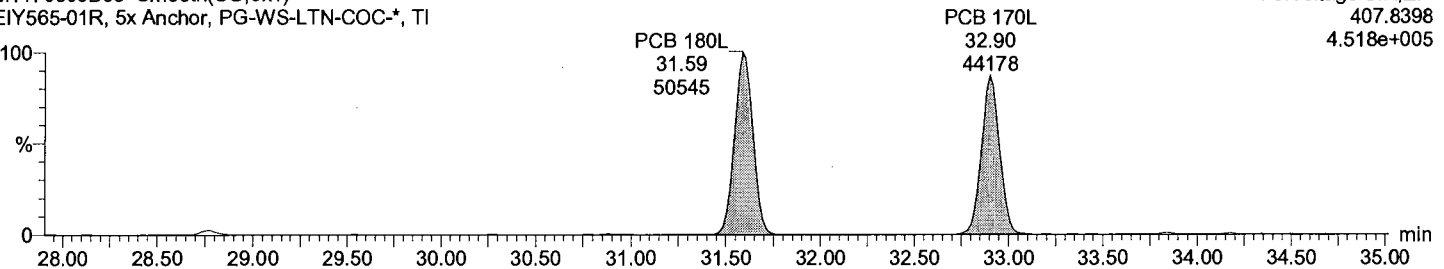
F6:Voltage SIR,EI+  
405.8428  
4.974e+005



Total HpCB labeled F6

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
407.8398  
4.518e+005



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

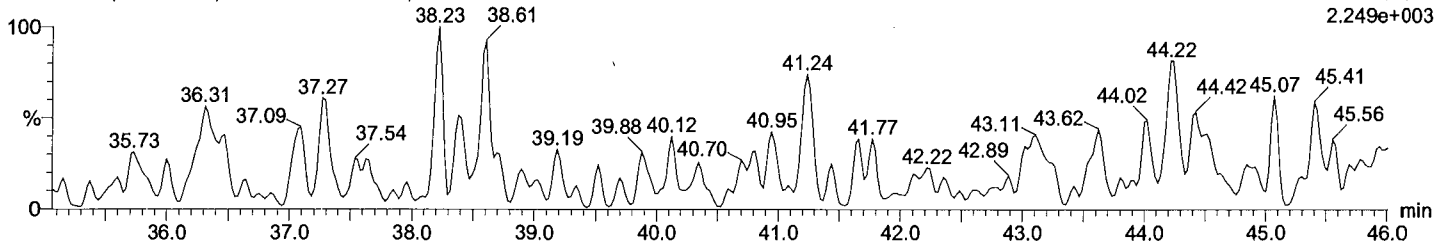
Last Altered: Monday, June 12, 2017 10:33:50 AM  
Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x  
Vial: 8  
Date: 10-Jun-2017  
Time: 00:32:18  
Instrument:

**Total HpCB F7**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

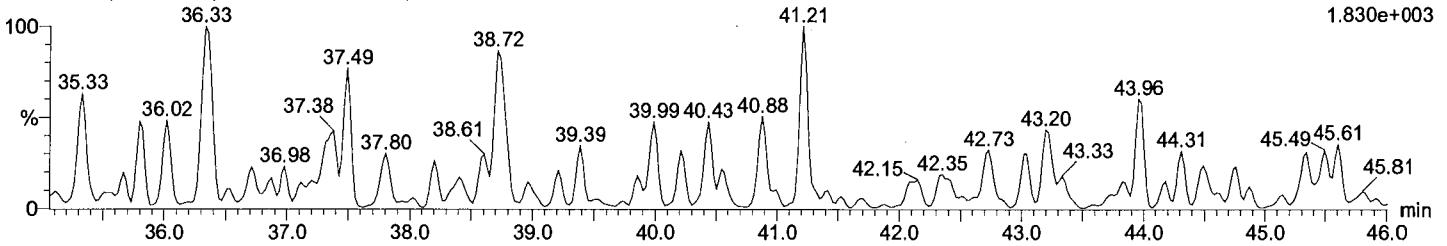
F7:Voltage SIR,EI+  
393.8025  
2.249e+003



**Total HpCB F7**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

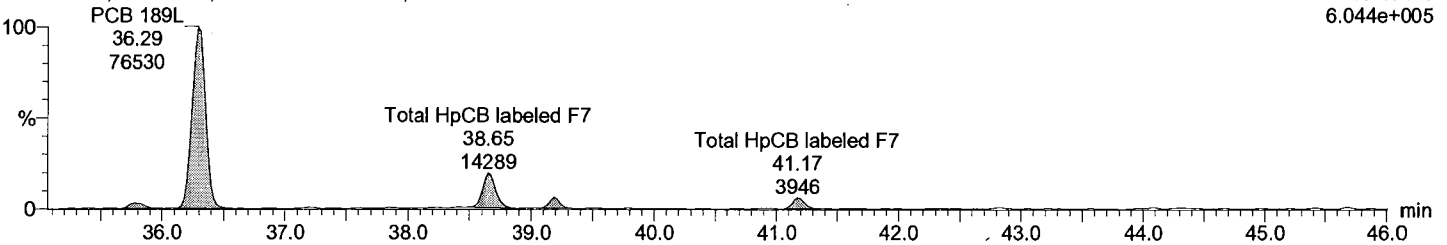
F7:Voltage SIR,EI+  
395.7996  
1.830e+003



**Total HpCB labeled F7**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

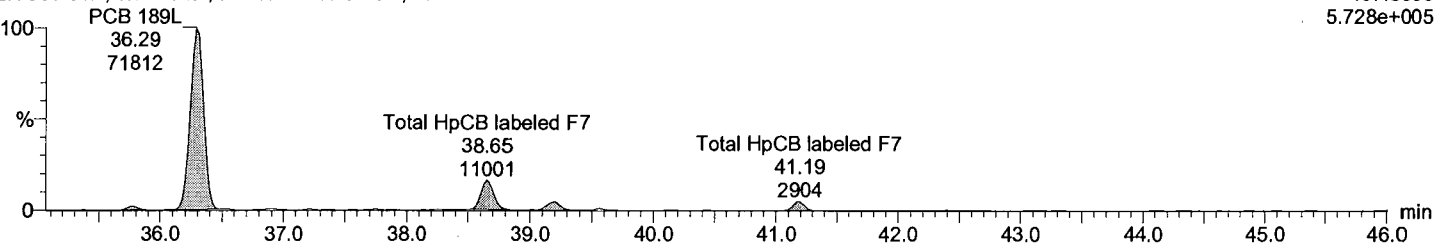
F7:Voltage SIR,EI+  
405.8428  
6.044e+005



**Total HpCB labeled F7**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
407.8398  
5.728e+005



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

Date: 10-Jun-2017

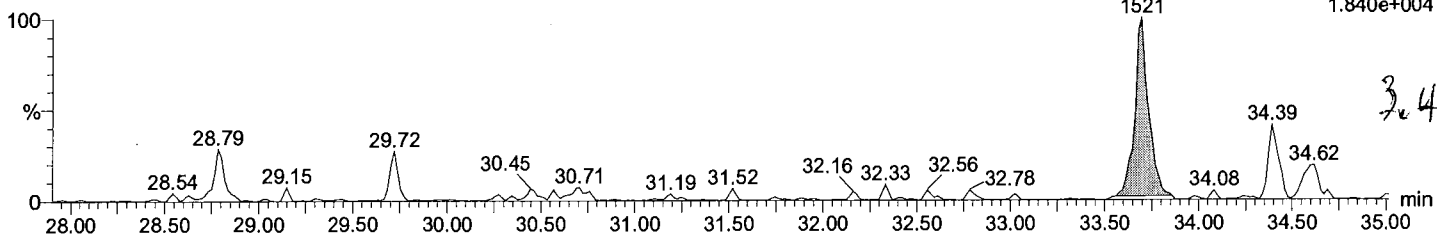
Time: 00:32:18

Instrument:

Total OcCB F6

M1170609B08 Smooth(SG,1x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

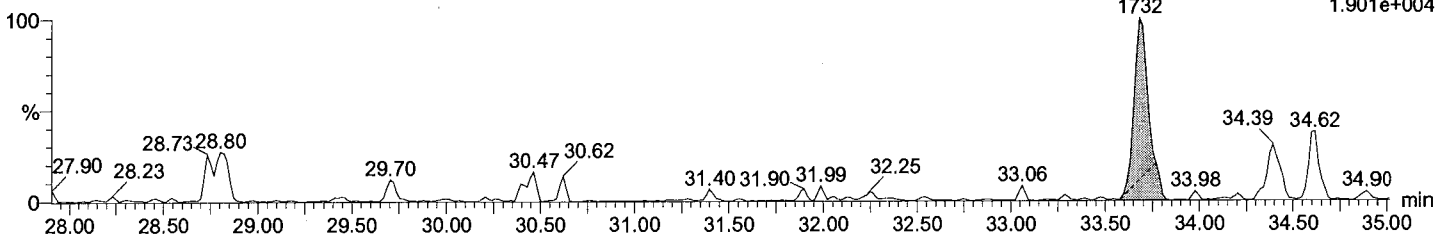
PCB 198/199  
33.70  
1521  
F6:Voltage SIR,EI+  
427.7635  
1.840e+004



Total OcCB F6

M1170609B08 Smooth(SG,1x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

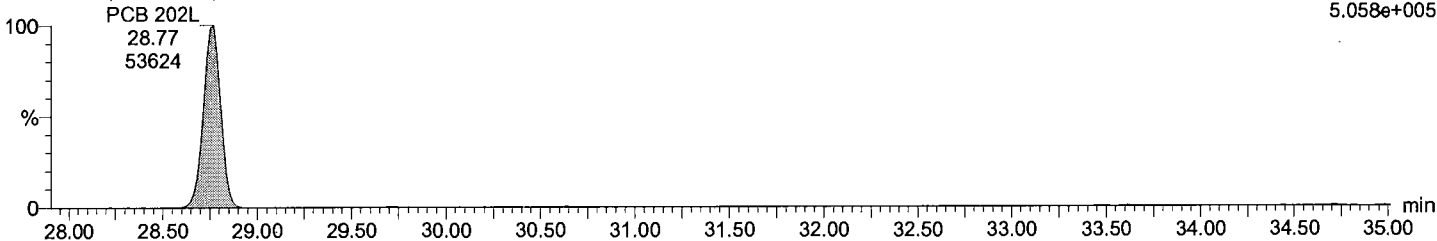
PCB 198/199  
33.68  
1732  
F6:Voltage SIR,EI+  
429.7606  
1.901e+004



Total OcCB labeled F6

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

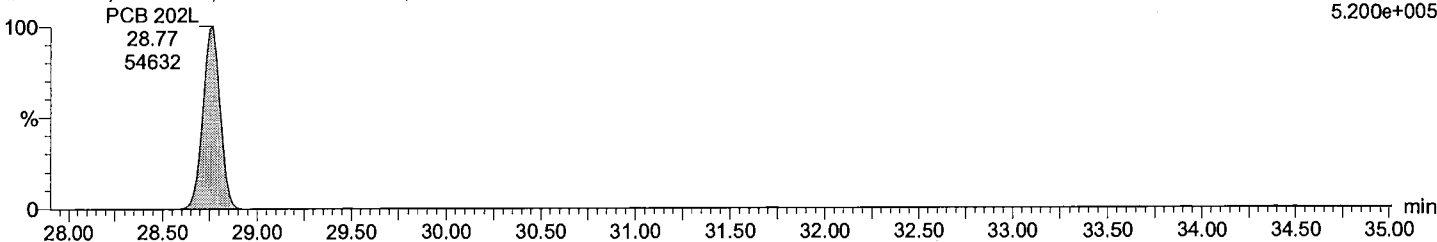
PCB 202L  
28.77  
53624  
F6:Voltage SIR,EI+  
439.8038  
5.058e+005



Total OcCB labeled F6

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 202L  
28.77  
54632  
F6:Voltage SIR,EI+  
441.8008  
5.200e+005



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

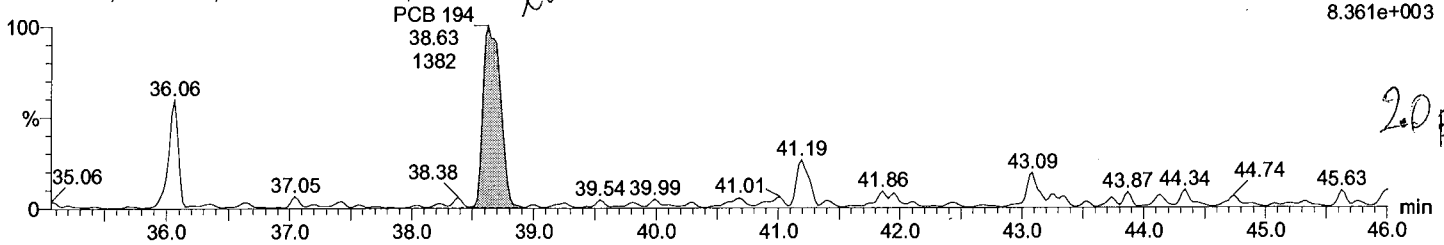
Last Altered: Monday, June 12, 2017 10:33:50 AM  
Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x  
Vial: 8  
Date: 10-Jun-2017  
Time: 00:32:18  
Instrument:

Total OcCB F7

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

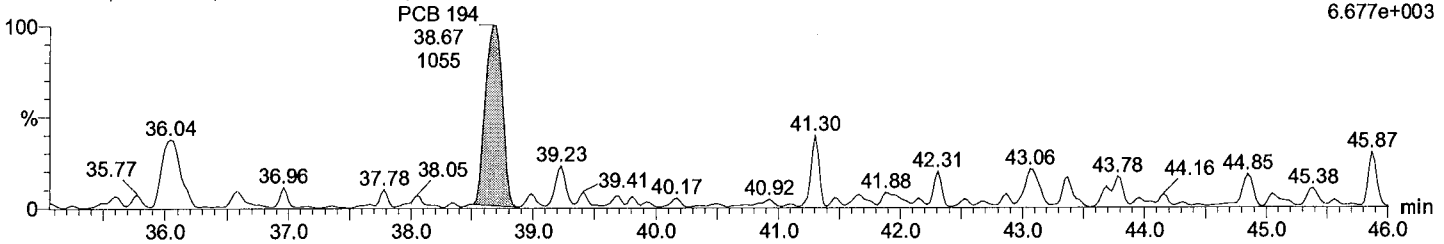
F7:Voltage SIR,EI+  
427.7635  
8.361e+003



Total OcCB F7

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

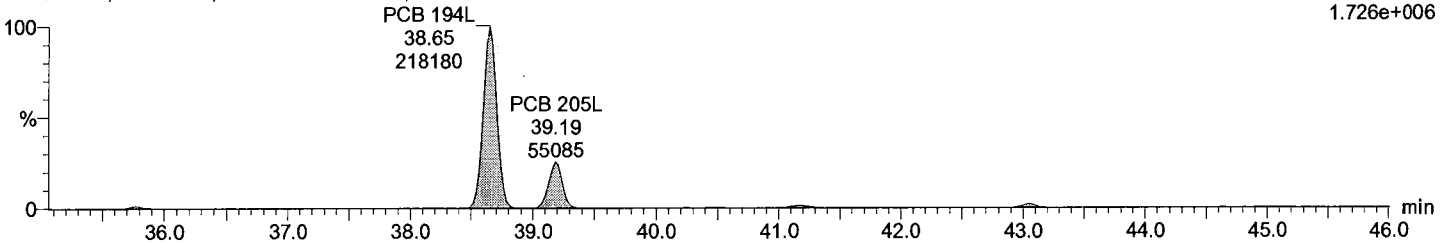
F7:Voltage SIR,EI+  
429.7606  
6.677e+003



Total OcCB labeled F7

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

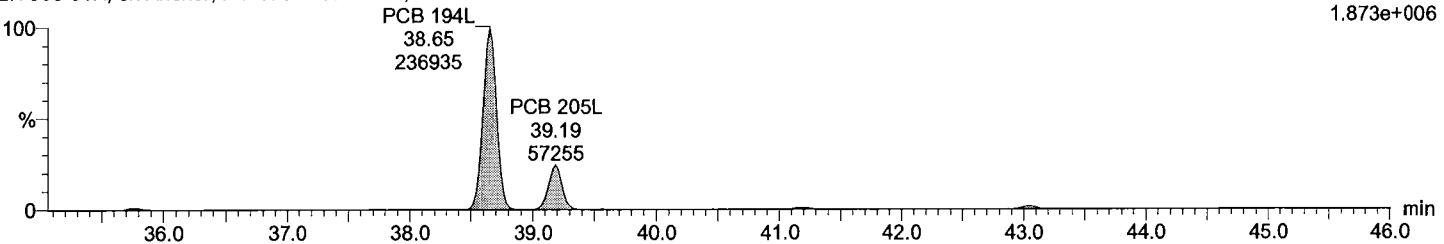
F7:Voltage SIR,EI+  
439.8038  
1.726e+006



Total OcCB labeled F7

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
441.8008  
1.873e+006



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

Date: 10-Jun-2017

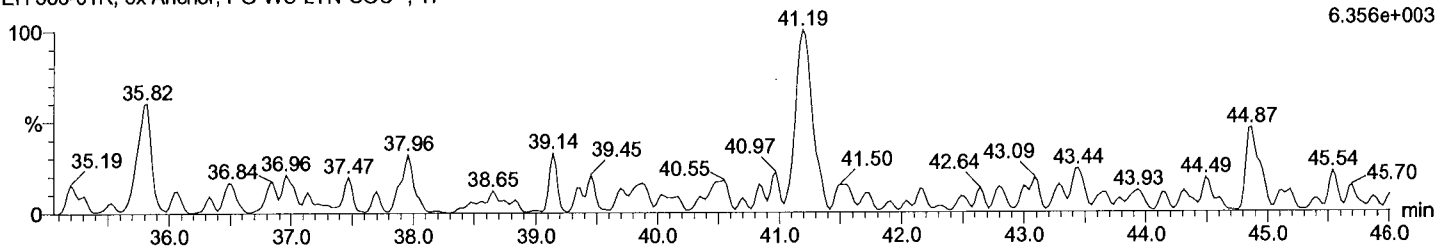
Time: 00:32:18

Instrument:

**Total NoCB F7**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

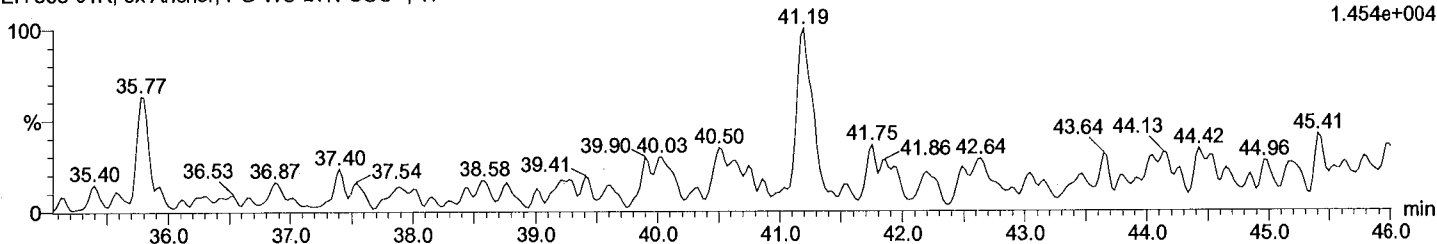
F7:Voltage SIR,EI+  
461.7246  
6.356e+003



**Total NoCB F7**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

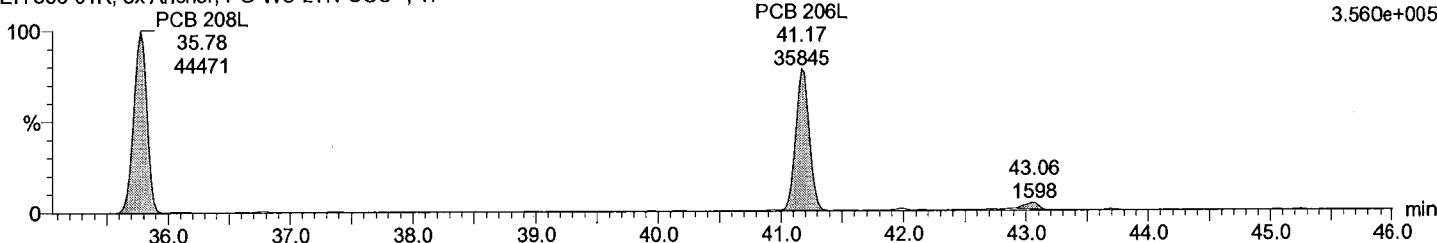
F7:Voltage SIR,EI+  
463.7216  
1.454e+004



**Total NoCB labeled F7**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

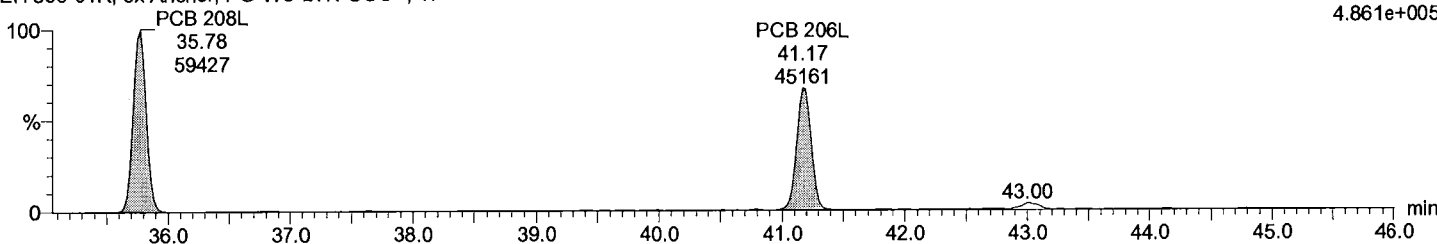
F7:Voltage SIR,EI+  
473.7648  
3.560e+005



**Total NoCB labeled F7**

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
475.7619  
4.861e+005



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

Date: 10-Jun-2017

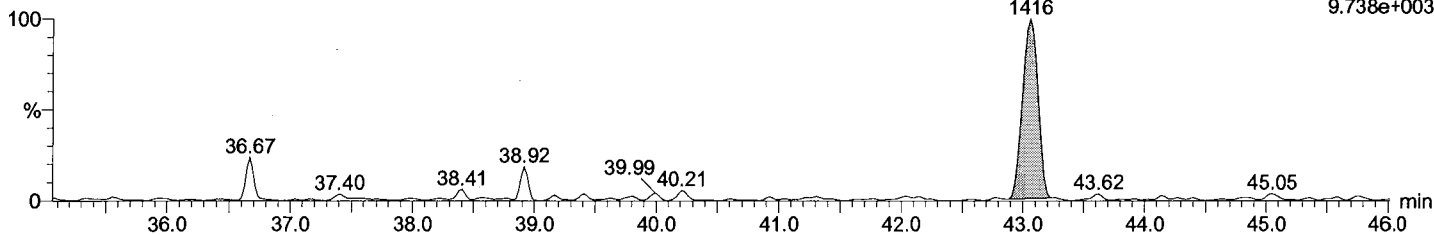
Time: 00:32:18

Instrument:

Total DeCB F7

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

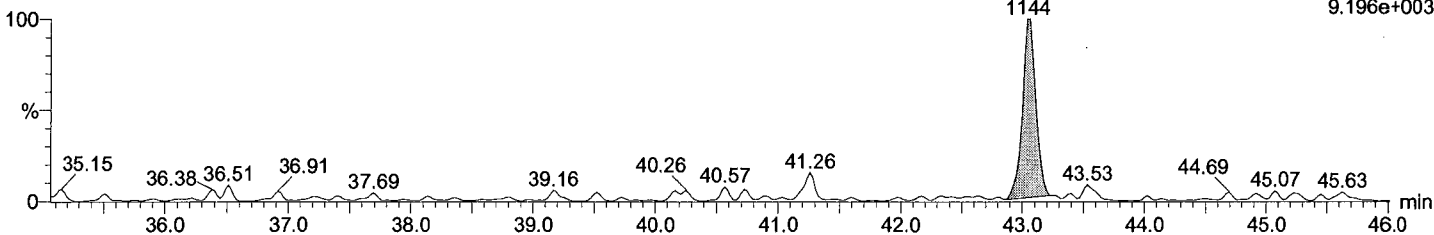
PCB 209  
43.06  
1416  
F7:Voltage SIR,EI+  
497.6826  
9.738e+003



Total DeCB F7

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

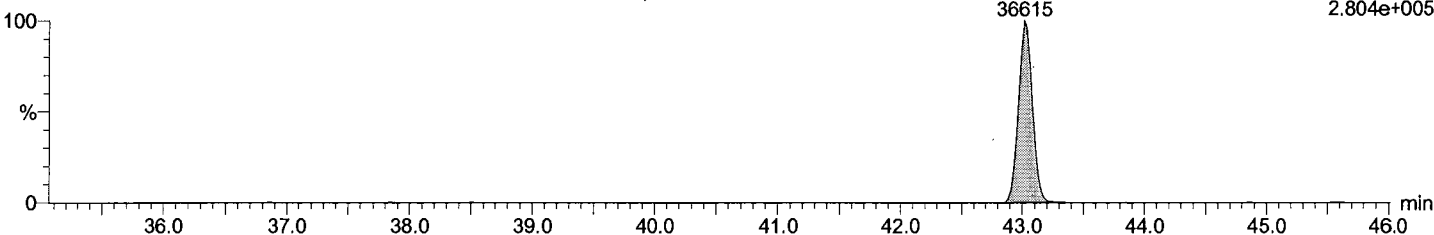
PCB 209  
43.04  
1144  
F7:Voltage SIR,EI+  
499.6797  
9.196e+003



Total DeCB labeled F7

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

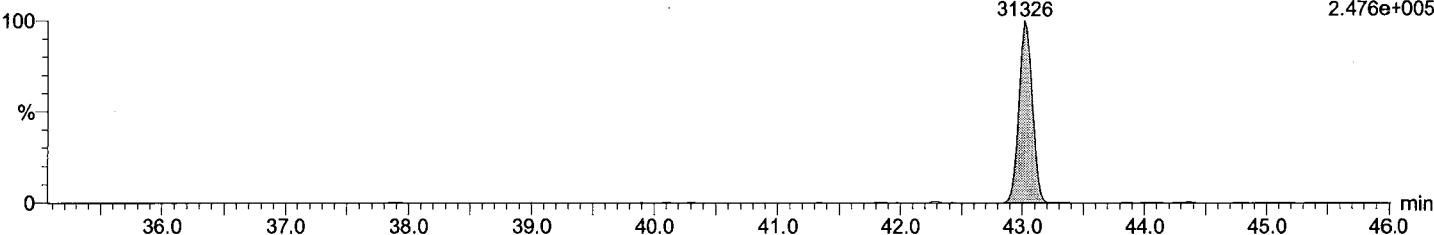
PCB 209L  
43.02  
36615  
F7:Voltage SIR,EI+  
509.7229  
2.804e+005



Total DeCB labeled F7

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 209L  
43.02  
31326  
F7:Voltage SIR,EI+  
511.7199  
2.476e+005





Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

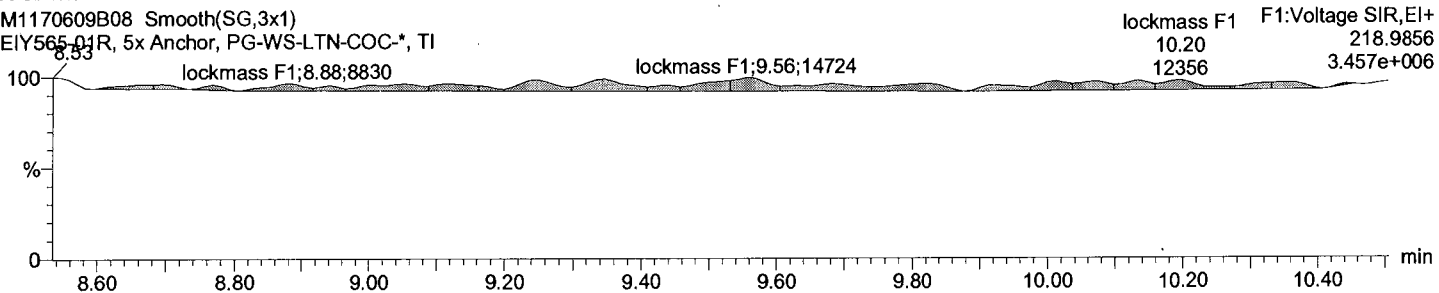
Date: 10-Jun-2017

Time: 00:32:18

Instrument:

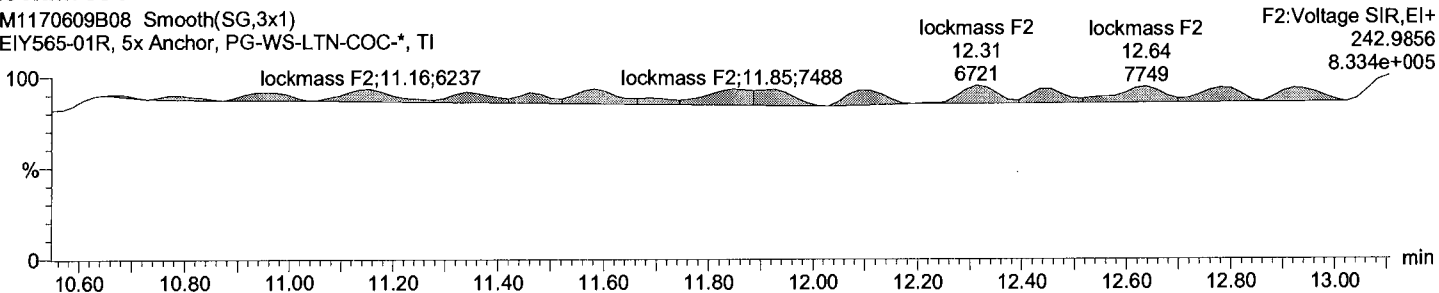
lockmass F1

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



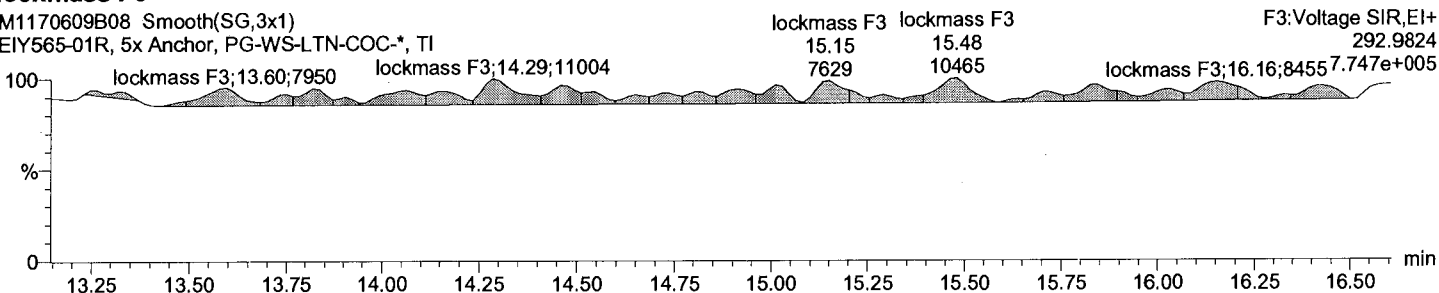
lockmass F2

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



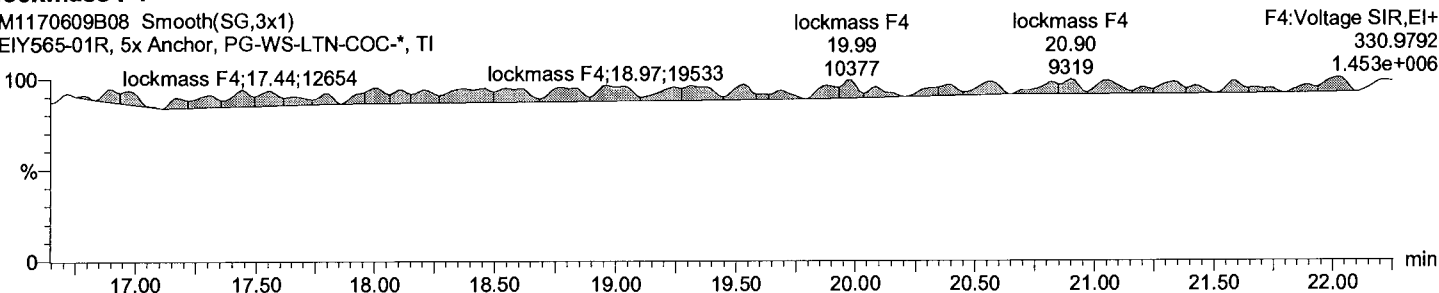
lockmass F3

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



lockmass F4

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:33:50 AM

Printed: Monday, June 12, 2017 10:34:35 AM

Description: EIY565-01R, 5x

Vial: 8

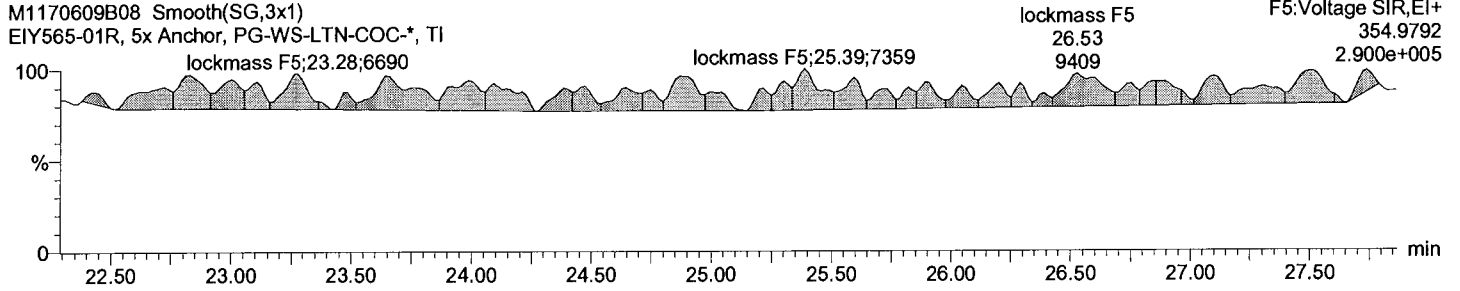
Date: 10-Jun-2017

Time: 00:32:18

Instrument:

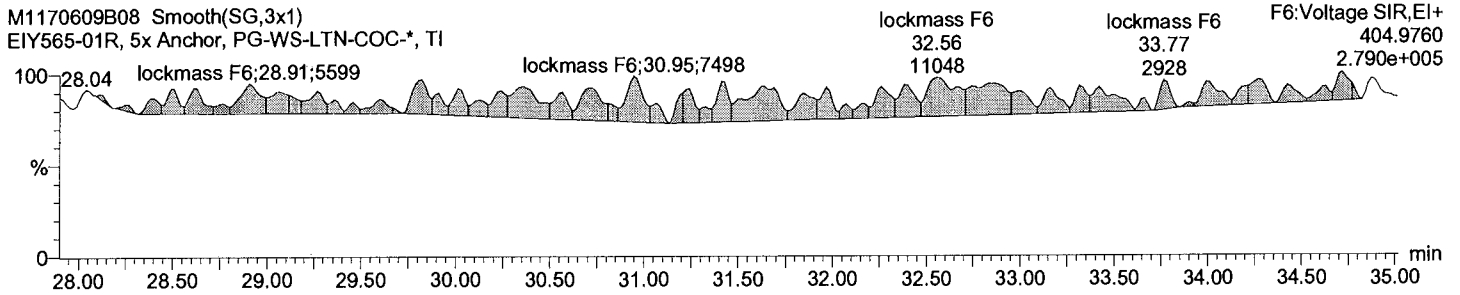
lockmass F5

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



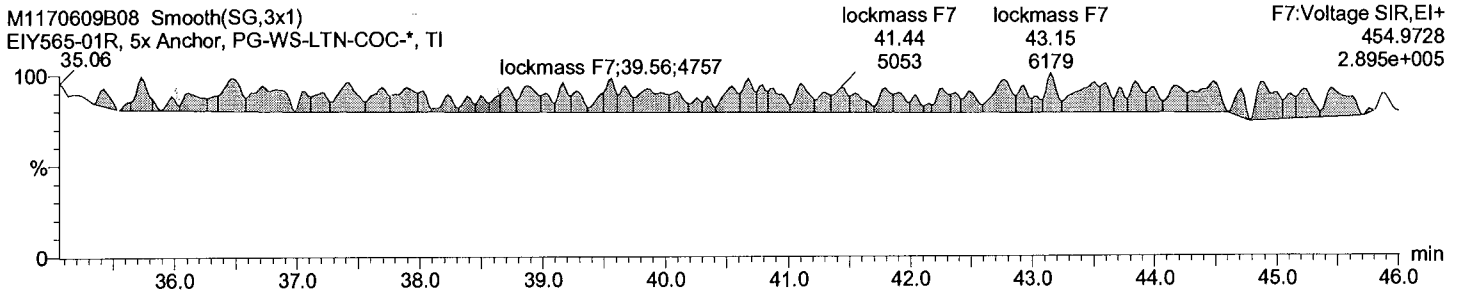
lockmass F6

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



lockmass F7

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Sample ID EIY565-01R:D1, 5x  
 Comments  
 Instrument File Ultima 1  
 Sample Size 10.074

Dil Fac 1.00

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	Isomers	DL	S/N	Mod	rf	Rec
1 PCB 1	188	NotFnd	*	*	*								
	MoCB 190	8.83	*	no	*				0.001		no	1.053	-
2 PCB 2	188	NotFnd	*	*	*								
	MoCB 190	9.92	*	no	*				0.001		no	1.198	-
3 PCB 3	188	NotFnd	*	*	*								
	MoCB 190	10.01	*	no	*				0.001		no	1.055	-
4 PCB 4	222	NotFnd	*	*	*								
	DiCB 224	10.12	*	no	*				0.003		no	1.191	-
5 PCB 10	222	NotFnd	*	*	*								
	DiCB 224	10.21	*	no	*				0.002		no	1.156	-
6 PCB 9	222	NotFnd	*	*	*								
	DiCB 224	11.01	*	no	*				0.006		no	1.544	-
7 PCB 7	222	NotFnd	*	*	*								
	DiCB 224	11.09	*	no	*				0.006		no	1.399	-
8 PCB 6	222	NotFnd	*	*	*								
	DiCB 224	11.19	*	no	*				0.006		no	1.424	-
9 PCB 5	222	NotFnd	*	*	*								
	DiCB 224	11.31	*	no	*				0.006		no	1.462	-
10 PCB 8	222	NotFnd	*	*	*								
	DiCB 224	11.38	*	no	*				0.006		no	1.443	-
11 PCB 14	222	NotFnd	*	*	*								
	DiCB 224	12.03	*	no	*				0.006		no	1.506	-
12 PCB 11	222	NotFnd	*	*	*								
	DiCB 224	12.40	*	no	*				0.006		no	1.42	-
13 PCB 13/12	222	NotFnd	*	*	*								
	DiCB 224	12.54	*	no	*				0.006		no	1.443	-
14 PCB 15	222	NotFnd	*	*	*								
	DiCB 224	12.68	*	no	*				0.007		no	0.956	-
15 PCB 19	256	NotFnd	*	*	*								
	TriCB 258	11.48	*	no	*				0.004		no	1.06	-
16 PCB 30/18	256	12.27	5238	0.99	10531	0.020096							
	TriCB 258	12.27	5293	yes	*				0.002	47	no	1.033	-
17 PCB 17	256	NotFnd	*	*	*					77			
	TriCB 258	12.48	*	no	*				0.003		no	0.838	-
18 PCB 27	256	NotFnd	*	*	*								
	TriCB 258	12.56	*	no	*				0.002		no	1.164	-
19 PCB 24	256	NotFnd	*	*	*								
	TriCB 258	12.61	*	no	*				0.002		no	1.35	-
20 PCB 16	256	NotFnd	*	*	*								
	TriCB 258	12.69	*	no	*				0.004		no	0.606	-
21 PCB 32	256	NotFnd	*	*	*								
	TriCB 258	12.90	*	no	*				0.002		no	1.334	-
22 PCB 34	256	NotFnd	*	*	*								
	TriCB 258	13.48	*	no	*				0.001		no	1.427	-
23 PCB 23	256	NotFnd	*	*	*								
	TriCB 258	13.56	*	no	*				0.001		no	1.32	-
24 PCB 26/29	256	NotFnd	*	*	*								
	TriCB 258	13.72	*	no	*				0.001		no	1.443	-
25 PCB 25	256	NotFnd	*	*	*								
	TriCB 258	13.85	*	no	*				0.001		no	1.389	-
26 PCB 31	256	13.98	1478	0.9	3115	0.004022							
	TriCB 258	14.01	1637	yes	*				0.001	16	no	1.527	-
27 PCB 28/20	256	14.13	1326	0.96	2706	0.003702				18			
	TriCB 258	14.16	1380	yes	*				0.001	14	no	1.441	-
28 PCB 21/33	256	14.25	2663	1.05	5186	0.007351				16			
	TriCB 258	14.27	2523	yes	*				0.001	26	no	1.391	-
29 PCB 22	256	NotFnd	*	*	*					26			
	TriCB 258	14.47	*	no	*				0.001		no	1.357	-
30 PCB 36	256	NotFnd	*	*	*								
	TriCB 258	15.30	*	no	*				0.001		no	1.632	-
31 PCB 39	256	NotFnd	*	*	*								
	TriCB 258	15.50	*	no	*				0.001		no	1.448	-
32 PCB 38	256	NotFnd	*	*	*								
	TriCB 258	15.87	*	no	*				0.001		no	1.474	-
33 PCB 35	256	NotFnd	*	*	*								
	TriCB 258	16.10	*	no	*				0.001		no	1.4	-
34 PCB 37	256	NotFnd	*	*	*								
	TriCB 258	16.36	*	no	*				0.001		no	0.951	-
35 PCB 54	290	NotFnd	*	*	*								
	TCB 292	12.82	*	no	*				0.001		no	1.071	-
36 PCB 53/50	290	NotFnd	*	*	*								
	TCB 292	13.86	*	no	*				0.001		no	0.861	-
37 PCB 45/51	290	NotFnd	*	*	*								
	TCB 292	14.21	*	no	*				0.001		no	0.832	-
38 PCB 46	290	NotFnd	*	*	*								
	TCB 292	14.35	*	no	*				0.002		no	0.718	-
39 PCB 52	290	15.07	7305	0.73	17334	0.030622							
	TCB 292	15.05	10029	yes	*				0.001	95	no	0.961	-
40 PCB 73	290	NotFnd	*	*	*					107			
	TCB 292	15.14	*	no	*				0.001		no	1.012	-
41 PCB 43	290	NotFnd	*	*	*								
	TCB 292	15.21	*	no	*				0.002		no	0.787	-
42 PCB 69/49	290	15.36	1259	0.62	3301	0.00588							
	TCB 292	15.33	2042	no	*				0.001	17	no	0.953	-
										19			

90 PCB 122	326	NotFnd	*	*	*	0.001	no	1.158	-	
	PeCB 328	23.63	*	no	*					
91 PCB 114	326	NotFnd	*	*	*	0.001	no	1.023	-	
	PeCB 328	23.82	*	no	*					
92 PCB 105	326	NotFnd	*	*	*	0.001	no	1.024	-	
	PeCB 328	24.38	*	no	*					
93 PCB 127	326	NotFnd	*	*	*	0.001	no	1.256	-	
	PeCB 328	25.69	*	no	*					
94 PCB 126	326	NotFnd	*	*	*	0.001	no	1.093	-	
	PeCB 328	27.22	*	no	*					
95 PCB 155	360	NotFnd	*	*	*	0	no	1.103	-	
	HxCB 362	19.26	*	no	*					
96 PCB 152	360	NotFnd	*	*	*	0	no	0.849	-	
	HxCB 362	19.40	*	no	*					
97 PCB 150	360	NotFnd	*	*	*	0.001	no	0.77	-	
	HxCB 362	19.53	*	no	*					
98 PCB 136	360	NotFnd	*	*	*	0	no	0.816	-	
	HxCB 362	19.78	*	no	*					
99 PCB 145	360	NotFnd	*	*	*	0.001	no	0.755	-	
	HxCB 362	20.03	*	no	*					
100 PCB 148	360	NotFnd	*	*	*	0.001	no	0.617	-	
	HxCB 362	21.13	*	no	*					
101 PCB 151/135	360	NotFnd	*	*	*	0.001	no	0.6	-	
	HxCB 362	21.61	*	no	*					
102 PCB 154	360	NotFnd	*	*	*	0.001	no	0.691	-	
	HxCB 362	21.82	*	no	*					
103 PCB 144	360	NotFnd	*	*	*	0.001	no	0.618	-	
	HxCB 362	22.07	*	no	*					
104 PCB 147/149	360	NotFnd	*	*	*	0.002	no	0.809	-	
	HxCB 362	22.36	*	no	*					
105 PCB 134/143	360	NotFnd	*	*	*	0.002	no	0.689	-	
	HxCB 362	22.61	*	no	*					
106 PCB 139/140	360	NotFnd	*	*	*	0.002	no	0.804	-	
	HxCB 362	22.88	*	no	*					
107 PCB 131	360	NotFnd	*	*	*	0.003	no	0.649	-	
	HxCB 362	23.05	*	no	*					
108 PCB 142	360	NotFnd	*	*	*	0.002	no	0.718	-	
	HxCB 362	23.19	*	no	*					
109 PCB 132	360	NotFnd	*	*	*	0.002	no	0.7	-	
	HxCB 362	23.44	*	no	*					
110 PCB 133	360	NotFnd	*	*	*	0.002	no	0.786	-	
	HxCB 362	23.86	*	no	*					
111 PCB 165	360	NotFnd	*	*	*	0.002	no	0.992	-	
	HxCB 362	24.21	*	no	*					
112 PCB 146	360	24.42	2156	1.55	3547	0.00706	12	no	0.895	-
	HxCB 362	24.41	1391	*	*		19			
113 PCB 161	360	NotFnd	*	*	*	0.002	no	1.015	-	
	HxCB 362	24.53	*	no	*					
114 PCB 153/168	360	24.98	7752	1.6	12604	0.022606	45	no	0.993	-
	HxCB 362	24.99	4852	no	*		73			
115 PCB 141	360	NotFnd	*	*	*	0.002	no	0.784	-	
	HxCB 362	25.14	*	no	*					
116 PCB 130	360	NotFnd	*	*	*	0.002	no	0.716	-	
	HxCB 362	25.51	*	no	*					
117 PCB 137	360	NotFnd	*	*	*	0.003	no	0.675	-	
	HxCB 362	25.75	*	no	*					
118 PCB 164	360	NotFnd	*	*	*	0.002	no	1.109	-	
	HxCB 362	25.83	*	no	*					
119 PCB 138/163/129	360	26.12	5298	1.5	8820	0.018544	29	no	0.847	-
	HxCB 362	26.15	3522	no	*		40			
120 PCB 160	360	NotFnd	*	*	*	0.002	no	0.943	-	
	HxCB 362	26.30	*	no	*					
121 PCB 158	360	NotFnd	*	*	*	0.002	no	1.103	-	
	HxCB 362	26.47	*	no	*					
122 PCB 128/166	360	NotFnd	*	*	*	0.002	no	0.934	-	
	HxCB 362	27.31	*	no	*					
123 PCB 159	360	NotFnd	*	*	*	0	no	1.254	-	
	HxCB 362	28.27	*	no	*					
124 PCB 162	360	NotFnd	*	*	*	0	no	1.204	-	
	HxCB 362	28.53	*	no	*					
125 PCB 167	360	NotFnd	*	*	*	0	no	1.103	-	
	HxCB 362	29.02	*	no	*					
126 PCB 156/157	360	NotFnd	*	*	*	0	no	1.047	-	
	HxCB 362	30.18	*	no	*					
127 PCB 169	360	NotFnd	*	*	*	0.001	no	1.04	-	
	HxCB 362	33.56	*	no	*					
128 PCB 188	394	NotFnd	*	*	*	0	no	1.069	-	
	HpCB 396	23.79	*	no	*					
129 PCB 179	394	NotFnd	*	*	*	0	no	1.122	-	
	HpCB 396	24.07	*	no	*					
130 PCB 184	394	NotFnd	*	*	*	0	no	1.054	-	
	HpCB 396	24.55	*	no	*					
131 PCB 176	394	NotFnd	*	*	*	0	no	1.032	-	
	HpCB 396	24.86	*	no	*					
132 PCB 186	394	NotFnd	*	*	*	0	no	0.965	-	
	HpCB 396	25.26	*	no	*					
133 PCB 178	394	NotFnd	*	*	*	0	no	0.77	-	
	HpCB 396	26.54	*	no	*					
134 PCB 175	394	NotFnd	*	*	*	0	no	0.803	-	
	HpCB 396	27.14	*	no	*					
135 PCB 187	394	27.40	3135	1.35	5462	0.011968	89	no	0.814	-
	HpCB 396	27.38	2327	no	*		88			
136 PCB 182	394	NotFnd	*	*	*	0	no	0.797	-	
	HpCB 396	27.59	*	no	*					

137 PCB 183	394	NotFnd	*	*	*			0.001	no	1.01	-	
	HpCB 396	27.99	*	no	*							
138 PCB 185	394	NotFnd	*	*	*			0.001	no	0.813	-	
	HpCB 396	28.08	*	no	*							
139 PCB 174	394	NotFnd	*	*	*			0.001	no	0.901	-	
	HpCB 396	28.24	*	no	*							
140 PCB 177	394	NotFnd	*	*	*			0.001	no	0.878	-	
	HpCB 396	28.65	*	no	*							
141 PCB 181	394	NotFnd	*	*	*			0.001	no	0.887	-	
	HpCB 396	29.06	*	no	*							
142 PCB 171/173	394	NotFnd	*	*	*			0.001	no	0.854	-	
	HpCB 396	29.28	*	no	*							
143 PCB 172	394	NotFnd	*	*	*			0.001	no	0.869	-	
	HpCB 396	30.93	*	no	*							
144 PCB 192	394	NotFnd	*	*	*			0.001	no	1.06	-	
	HpCB 396	31.24	*	no	*							
145 PCB 193/180	394	31.64	3749	0.99	7524	0.012845		0.001	33	no	1.172	-
	HpCB 396	31.59	3776	yes	*				41			
146 PCB 191	394	NotFnd	*	*	*			0.001	no	1.186	-	
	HpCB 396	31.97	*	no	*							
147 PCB 170	394	NotFnd	*	*	*			0.001	no	1.171	-	
	HpCB 396	32.94	*	no	*							
148 PCB 190	394	NotFnd	*	*	*			0.001	no	1.165	-	
	HpCB 396	33.50	*	no	*							
149 PCB 189	394	NotFnd	*	*	*			0	no	0.922	-	
	HpCB 396	36.32	*	no	*							
150 PCB 202	428	NotFnd	*	*	*	-0.00206		-0.00206	*	no	1.031	-
	OcCB 430	28.78	*	no	*				*			
151 PCB 201	428	NotFnd	*	*	*	-0.00197		-0.00197	*	no	1.078	-
	OcCB 430	29.70	*	no	*				*			
152 PCB 204	428	NotFnd	*	*	*	-0.002		-0.002	*	no	1.06	-
	OcCB 430	30.39	*	no	*				*			
153 PCB 197	428	NotFnd	*	*	*	-0.00196		-0.00196	*	no	1.082	-
	OcCB 430	30.62	*	no	*				*			
154 PCB 200	428	NotFnd	*	*	*	-0.00209		-0.00209	*	no	1.016	-
	OcCB 430	30.74	*	no	*				*			
155 PCB 198/199	428	33.72	-1199	0.89	-2546.19	-0.00592	PCB 198/199 NDR	-0.00273	6	xL	0.777	-
	OcCB 430	33.67	-1347.19	OK	*				7			
156 PCB 196	428	NotFnd	*	*	*	-0.00259		-0.00259	*	no	0.819	-
	OcCB 430	34.40	*	no	*				*			
157 PCB 203	428	NotFnd	*	*	*	-0.00257		-0.00257	*	no	0.825	-
	OcCB 430	34.60	*	no	*				*			
158 PCB 195	428	NotFnd	*	*	*	-0.00202		-0.00202	*	no	0.931	-
	OcCB 430	36.05	*	no	*				*			
159 PCB 194	428	38.69	1004	0.93	2083	0.003908		-0.00195	4	no	0.962	-
	OcCB 430	38.68	1079	yes	*				4			
160 PCB 205	428	NotFnd	*	*	*	-0.00189		-0.00189	*	no	0.992	-
	OcCB 430	39.22	*	no	*				*			
161 PCB 208	462	NotFnd	*	*	*			0.002	no	1.042	-	
	NoCB 464	35.81	*	no	*							
162 PCB 207	462	NotFnd	*	*	*			0.002	no	1.302	-	
	NoCB 464	36.85	*	no	*							
163 PCB 206	462	NotFnd	*	*	*			0.003	no	1.017	-	
	NoCB 464	41.17	*	no	*							
164 PCB 209	498	43.06	1132	0.91	2371	0.006389		0	57	no	1.026	-
	DCB 500	43.06	1239	no	*				60			
165 PCB 1L	200	8.82	59252	2.75	80787	0.089023		0.005	448	no	0.997	45
	202	8.82	21535	yes	*				21			
166 PCB 3L	200	10.00	61802	3.43	79798	0.083482		0.005	470	no	1.05	42
	202	9.99	17996	yes	*				19			
167 PCB 4L	234	10.11	24437	1.71	38743	0.091667		0.003	115	no	0.464	46
	236	10.10	14306	yes	*				278			
168 PCB 15L	234	12.68	79001	1.62	127796	0.120236		0.002	172	no	1.168	61
	236	12.69	48795	yes	*				350			
169 PCB 19L	268	11.48	24452	0.95	50110	0.102751		0.005	106	no	0.536	52
	270	11.47	25658	yes	*				43			
170 PCB 37L	268	16.35	77775	1.06	151310	0.167496		0.003	135	no	1.848	84
	270	16.33	73535	yes	*				148			
171 PCB 54L	302	12.82	21901	0.78	49926	0.127318		0.002	131	no	0.802	64
	304	12.81	28025	yes	*				516			
172 PCB 81L	302	20.97	63061	0.73	148991	0.190781		0.001	283	no	1.597	96
	304	20.95	85930	yes	*				521			
173 PCB 77L	302	21.42	66817	0.78	152010	0.193469		0.001	295	no	1.607	97
	304	21.40	85193	yes	*				504			
174 PCB 104L	338	15.60	44471	1.72	70300	0.16853		0	1691	no	0.912	85
	340	15.64	25830	yes	*				2393			
175 PCB 123L	338	23.04	90491	1.58	147936	0.204498		0.001	1129	no	1.581	103
	340	23.02	57444	yes	*				582			
176 PCB 118L	338	23.33	83042	1.47	139610	0.202093		0.001	1052	no	1.51	102
	340	23.31	56568	yes	*				556			
177 PCB 114L	338	23.80	80852	1.64	130081	0.193238		0.001	1042	no	1.471	97
	340	23.78	49228	yes	*				483			
178 PCB 105L	338	24.35	89112	1.71	141352	0.20755		0.001	1086	no	1.488	105
	340	24.34	52240	yes	*				511			
179 PCB 126L	338	27.19	75757	1.55	124713	0.189185		0.001	862	no	1.44	95
	340	27.15	48956	yes	*				450			
180 PCB 155L	372	19.24	50526	1.26	90665	0.197452		0	2747	no	1.01	99
	374	19.26	40139	yes	*				1105			
181 PCB 167L	372	28.99	78833	1.32	138774	0.214418		0.001	891	no	1.424	108
	374	29.00	59941	yes	*				579			
182 PCB 156L/157L	372	30.15	156963	1.3	277327	0.408269		0.001	1428	no	1.495	103
	374	30.15	120363	yes	*				915			
183 PCB 169L	372	33.53	42345	1.2	77724	0.112674		0.001	419	no	1.518	57
	374	33.54	35379	yes	*				311			

184 PCB 188L	406	23.76	58951	1.18	108954	0.209839	0.001	941	no	1.142	106
	408	23.78	50003	yes				1876			
185 PCB 180L	406	31.59	50831	1.05	99263	0.178899	0.001	442	no	1.343	90
	408	31.58	48432	yes				1256			
186 PCB 170L	406	32.90	43031	1.03	84733	0.179656	0.001	361	no	1.141	90
	408	32.89	41701	yes				1038			
187 PCB 189L	406	36.29	79489	1.09	152321	0.191685	0.002	319	no	1.923	97
	408	36.29	72832	yes				362			
188 PCB 202L	440	28.75	51116	0.89	108206	0.193552	0	3955	no	1.353	97
	442	28.76	57090	yes				2292			
189 PCB 205L	440	39.19	53720	0.92	111882	0.19015	0.001	739	no	1.424	96
	442	39.19	58162	yes				561			
190 PCB 208L	474	35.78	46069	0.83	101538	0.187669	0.001	698	no	1.309	95
	476	35.79	55469	yes				777			
191 PCB 206L	474	41.17	35964	0.87	77501	0.203087	0.001	514	no	0.924	102
	476	41.20	41537	yes				578			
192 PCB 209L	510	43.02	37903	1.12	71779	0.209705	0	1903	no	0.828	106
	512	43.06	33876	yes				1402			
193 PCB 28L	268	14.11	76708	1.05	149995	0.155815	0.003	141	no	1.969	78
PCB Cleanup Standard	270	14.12	73286	yes				164			
194 PCB 111L	338	21.41	82465	1.69	131241	0.208887	0	1346	no	1.373	105
PCB Cleanup Standard	340	21.40	48776	yes				1201			
195 PCB 178L	406	26.51	38266	1.09	73338	0.220347	0.001	569	no	0.732	111
PCB Cleanup Standard	408	26.52	35073	yes				1355			
196 PCB 31L	268	NotFnd	*	*	*		0.003		no	1.878	
PCB Audit Standard	270	13.97	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0.001		no	0.916	
PCB Audit Standard	340	17.38	*	no							
198 PCB 153L	372	24.96	1354	1.03	2663	0.004996	0.002	6	no	1.173	3
PCB Audit Standard	374	24.98	1309	no				40			
199 PCB 9L	234	10.99	557661	1.61	903320	2.225983	-	1375	no	-	-
PCB Recovery Standard	236	11.00	345759	yes				2767			
200 PCB 52L	302	15.05	215402	0.8	485336	2.151067	-	1463	no	-	-
PCB Recovery Standard	304	15.05	269934	yes				2247			
201 PCB 101L	338	19.38	282217	1.64	454282	2.216947	-	5007	no	-	-
PCB Recovery Standard	340	19.36	172065	yes				4628			
202 PCB 138L	372	26.10	254710	1.3	451144	2.159722	-	1049	no	-	-
PCB Recovery Standard	374	26.07	196434	yes				6624			
203 PCB 194L	440	38.65	194820	0.9	410201	2.180451	-	2659	no	-	-
PCB Recovery Standard	442	38.59	215381	yes				2099			
Chlorobiphenyls						-0.001	0	-0.001			
Dichlorobiphenyls						-0.007	0	-0.007			
Trichlorobiphenyls						0.035171	4	-0.004			
Tetrachlorobiphenyls						0.079602	6	-0.002			
Pentachlorobiphenyls						0.094102	5	-0.001			
Hexachlorobiphenyls						0.04821	3	-0.003			
Heptachlorobiphenyls						0.024813	2	-0.001			
Octachlorobiphenyls						0.003908	1	-0.00273			
Nonachlorobiphenyls						-0.003	0	-0.003			
Decachlorobiphenyl						0.006389	1	0			
PCB (total)						0.292195					

Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM

Printed: Monday, June 12, 2017 10:44:39 AM

Method: C:\MassLynx\Default.PRO\MethDB\1668A\_PCB209\_M1170609B.mdb 10 Jun 2017 07:47:44

Calibration: C:\MassLynx\Default.pro\Curvedb\PCB209\_M1170609B.cdb 10 Jun 2017 07:56:47

Description: EIY565-01R:D1, 5x

Vial: 9

Date: 10-Jun-2017

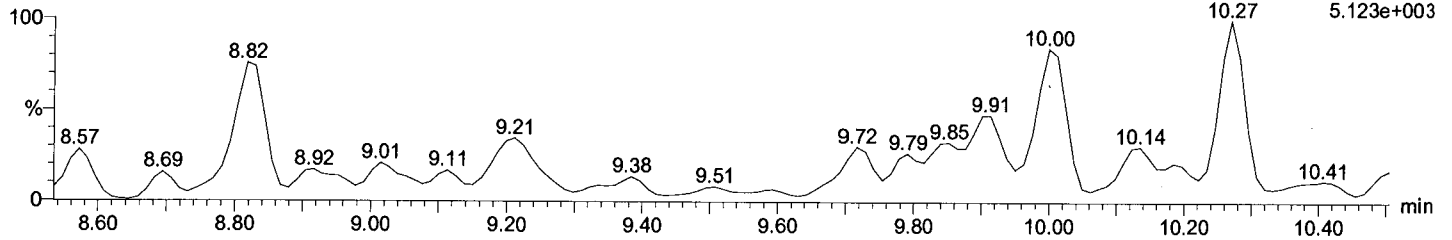
Time: 01:22:29

Instrument:

Total MoCB F1

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

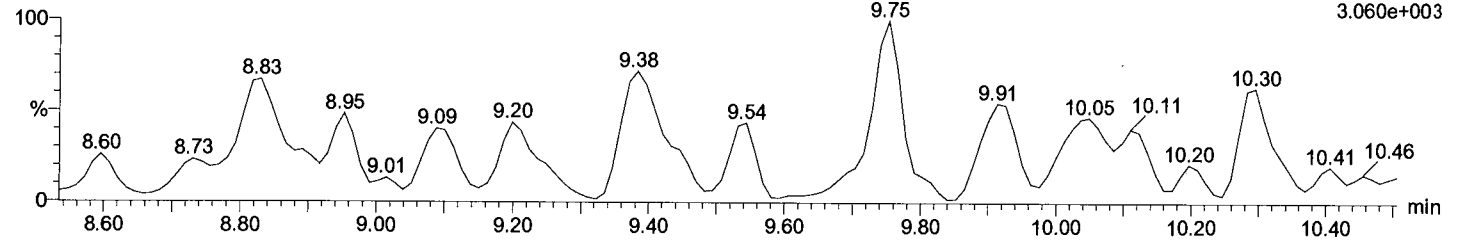
F1:Voltage SIR,EI+  
188.0393  
5.123e+003



Total MoCB F1

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

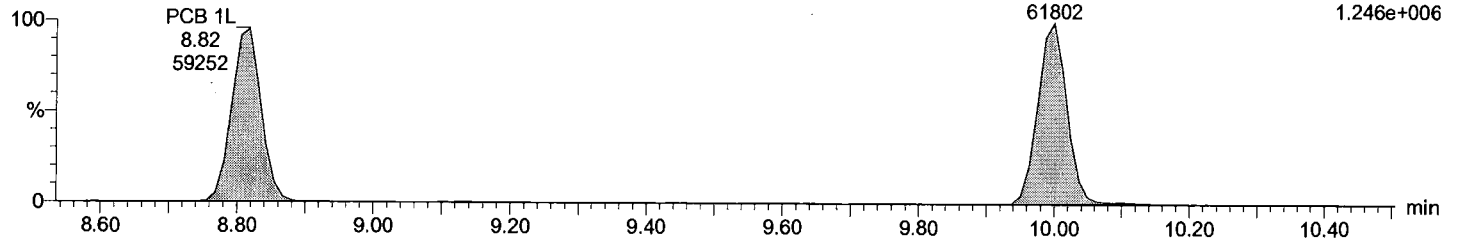
F1:Voltage SIR,EI+  
190.0363  
3.060e+003



Total MoCB labeled F1

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

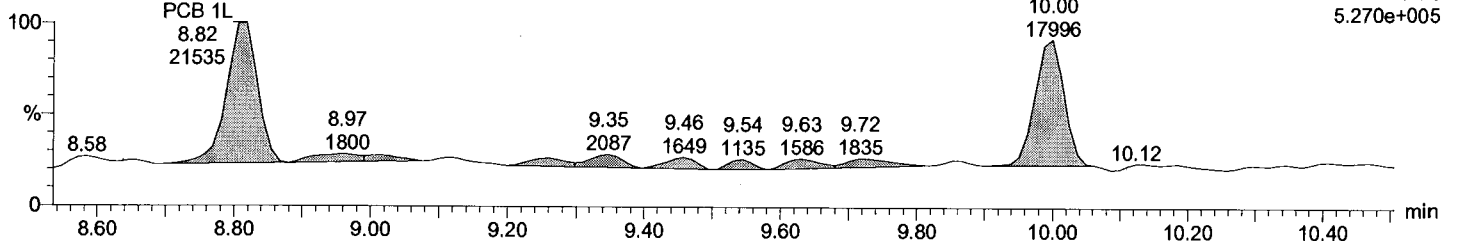
PCB 3L  
10.00  
61802  
F1:Voltage SIR,EI+  
200.0795  
1.246e+006



Total MoCB labeled F1

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 3L  
10.00  
17996  
F1:Voltage SIR,EI+  
202.076  
5.270e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM

Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x

Vial: 9

Date: 10-Jun-2017

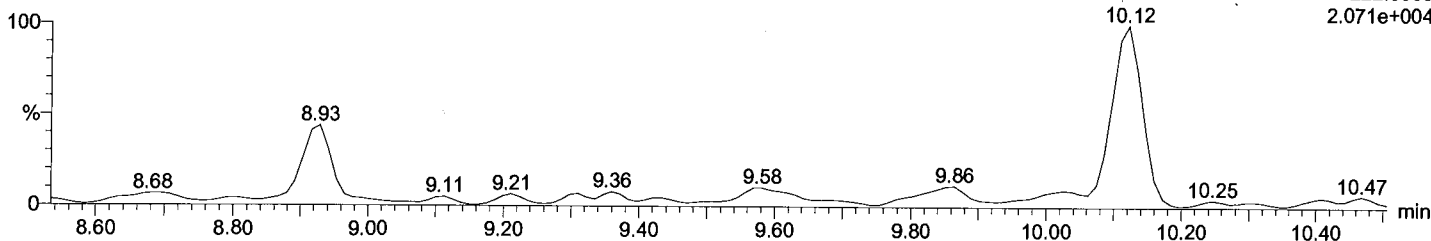
Time: 01:22:29

Instrument:

Total DiCB F1

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

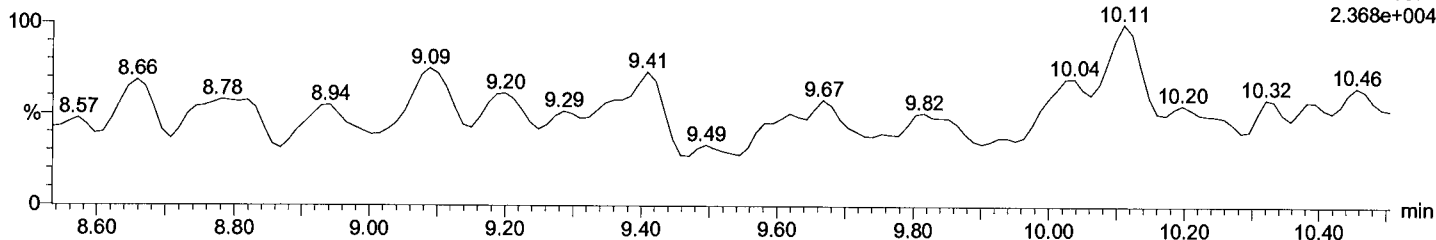
F1:Voltage SIR,EI+  
222.0003  
2.071e+004



Total DiCB F1

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

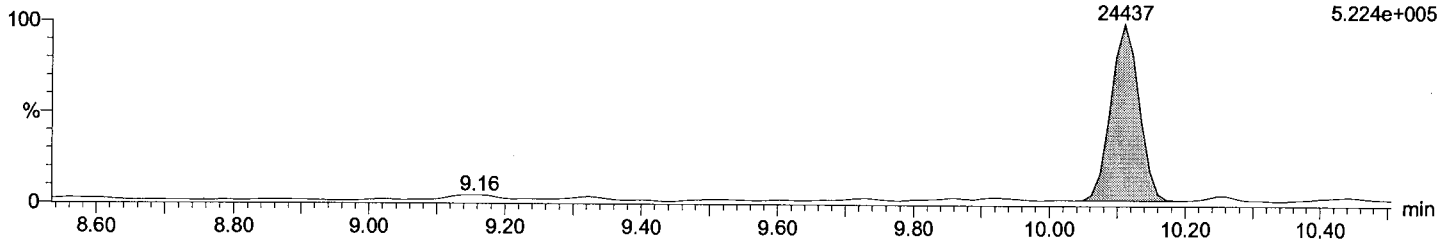
F1:Voltage SIR,EI+  
223.9974  
2.368e+004



Total DiCB labeled F1

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

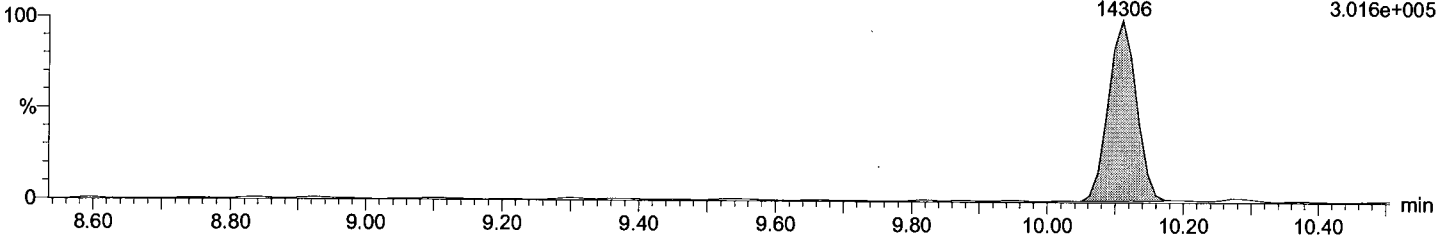
PCB 4L  
10.11  
24437  
F1:Voltage SIR,EI+  
234.0406  
5.224e+005



Total DiCB labeled F1

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 4L  
10.11  
14306  
F1:Voltage SIR,EI+  
236.0376  
3.016e+005





Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM

Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x

Vial: 9

Date: 10-Jun-2017

Time: 01:22:29

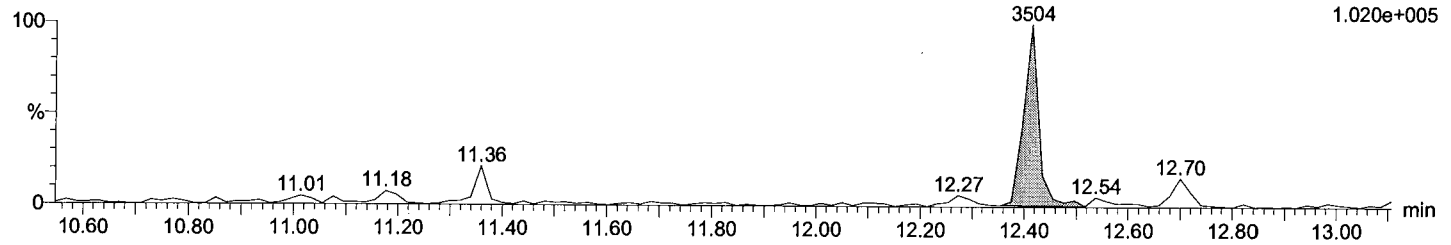
Instrument:

Total DiCB F2

M1170609B09

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
222.0003  
1.020e+005

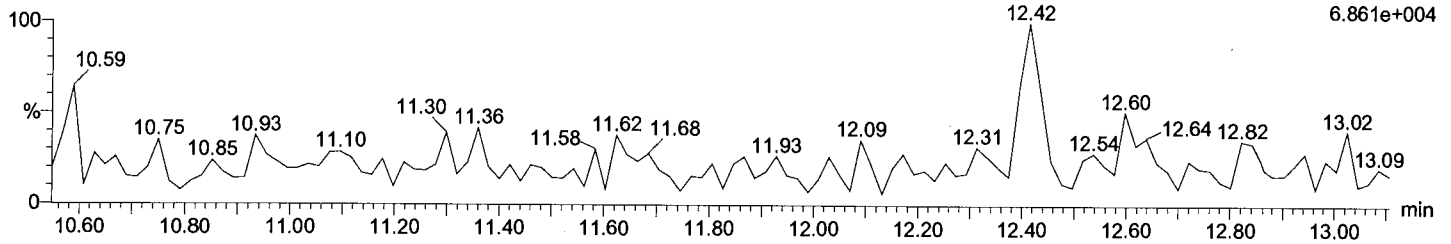


Total DiCB F2

M1170609B09

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
223.9974  
6.861e+004

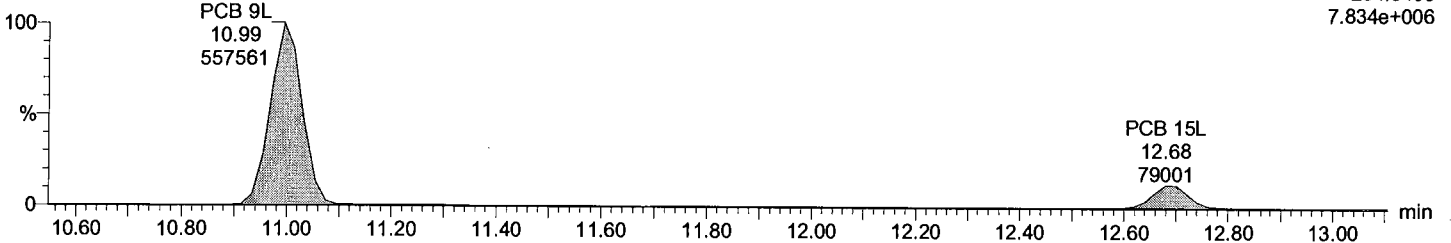


Total DiCB labeled F2

M1170609B09 Smooth(SG,3x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
234.0406  
7.834e+006

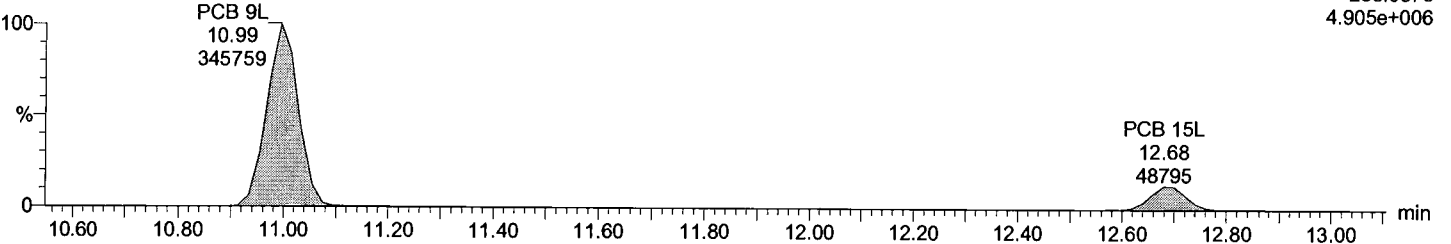


Total DiCB labeled F2

M1170609B09 Smooth(SG,3x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
236.0376  
4.905e+006



Quantify Sample Report

Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM

Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x

Vial: 9

Date: 10-Jun-2017

Time: 01:22:29

Instrument:

Total TriCB F2

M1170609B09

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 30/18

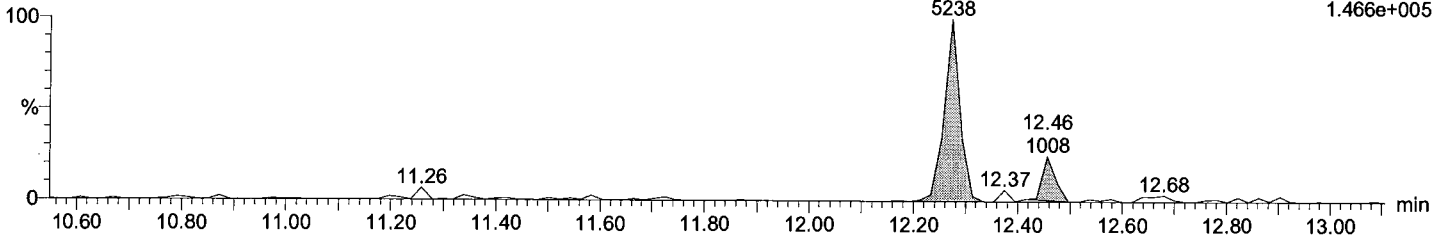
12.27

5238

F2:Voltage SIR,EI+

255.9614

1.466e+005



Total TriCB F2

M1170609B09

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 30/18

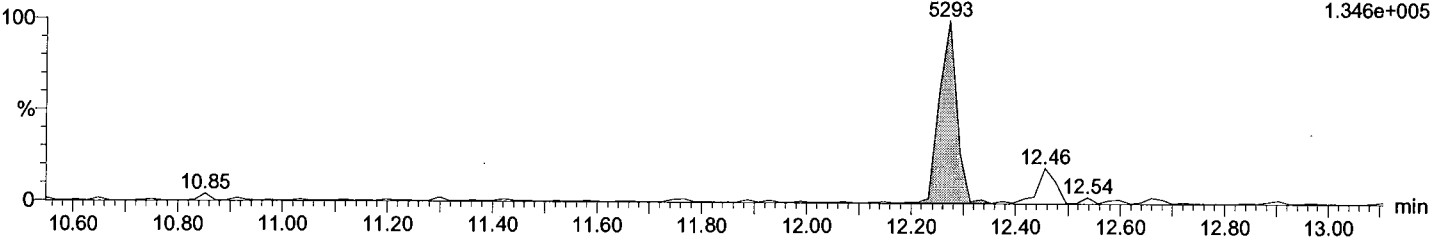
12.27

5293

F2:Voltage SIR,EI+

257.9584

1.346e+005



Total TriCB labeled F2

M1170609B09 Smooth(SG,3x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 19L

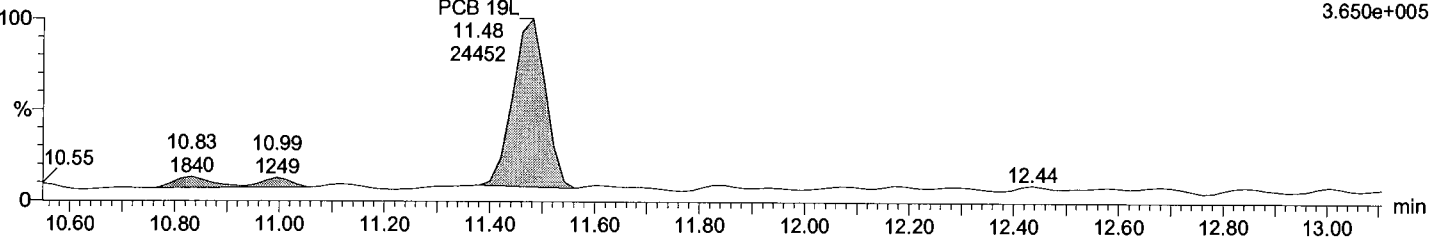
11.48

24452

F2:Voltage SIR,EI+

268.0016

3.650e+005



Total TriCB labeled F2

M1170609B09 Smooth(SG,3x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 19L

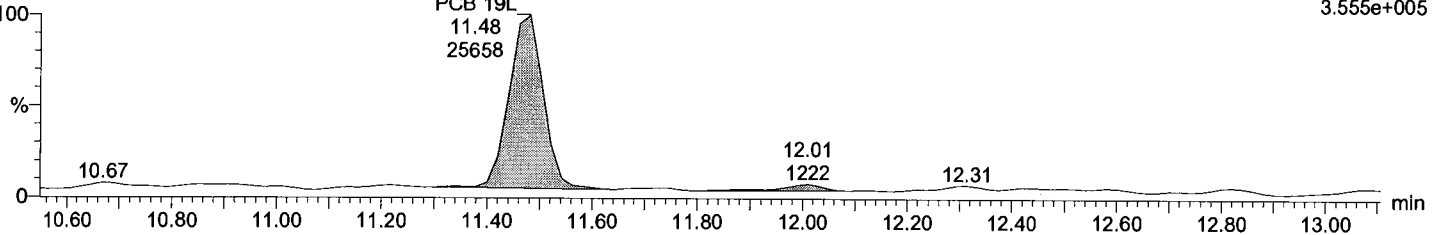
11.48

25658

F2:Voltage SIR,EI+

269.9986

3.555e+005



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM  
Printed: Monday, June 12, 2017 10:44:39 AM

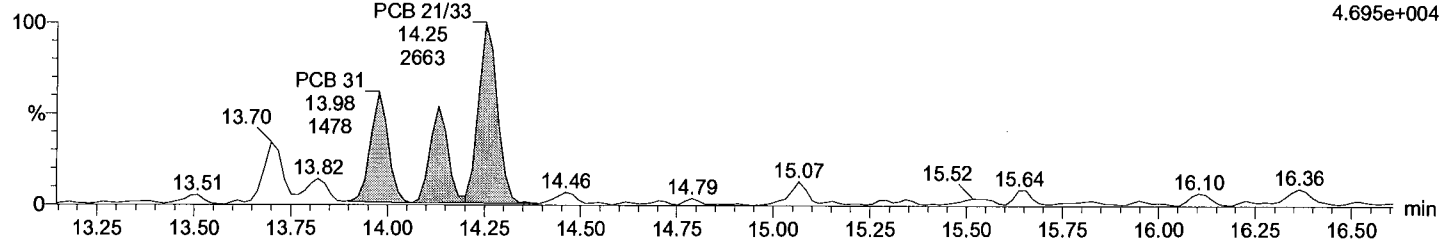
Description: EIY565-01R:D1, 5x  
Vial: 9  
Date: 10-Jun-2017  
Time: 01:22:29  
Instrument:

**Total TriCB F3**

M1170609B09 Smooth(SG,1x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
255.9614  
4.695e+004

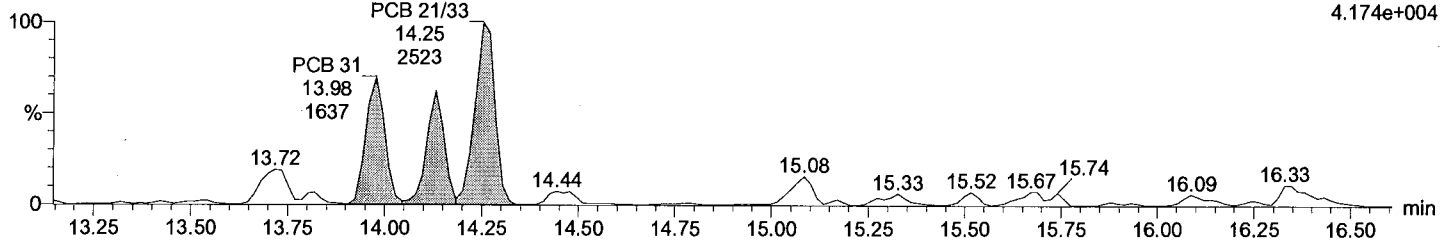


**Total TriCB F3**

M1170609B09 Smooth(SG,1x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
257.9584  
4.174e+004

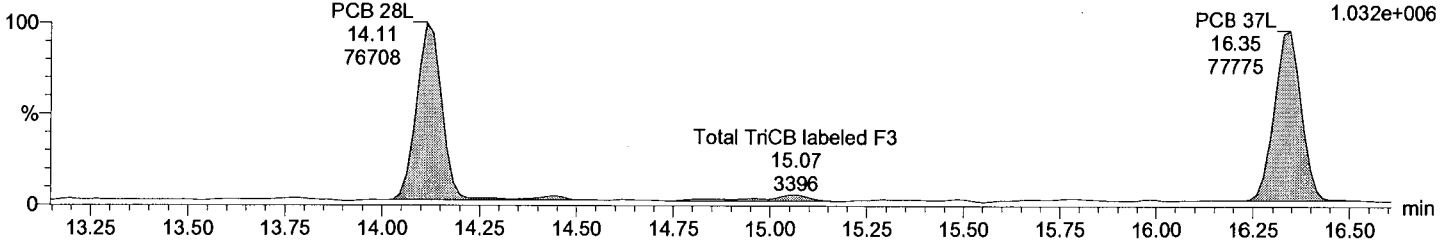


**Total TriCB labeled F3**

M1170609B09 Smooth(SG,3x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
268.0016  
1.032e+006

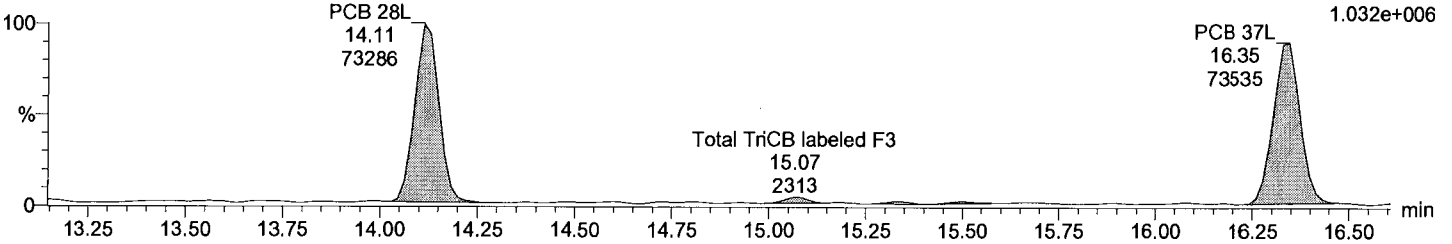


**Total TriCB labeled F3**

M1170609B09 Smooth(SG,3x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
269.9986  
1.032e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM

Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x

Vial: 9

Date: 10-Jun-2017

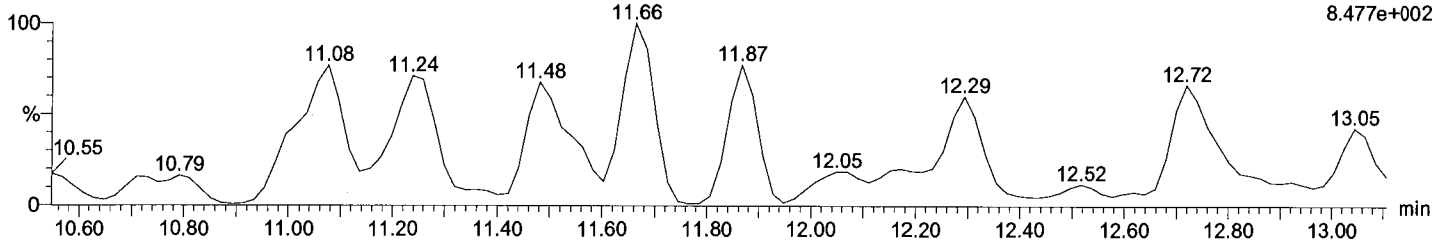
Time: 01:22:29

Instrument:

Total TeCB F2

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

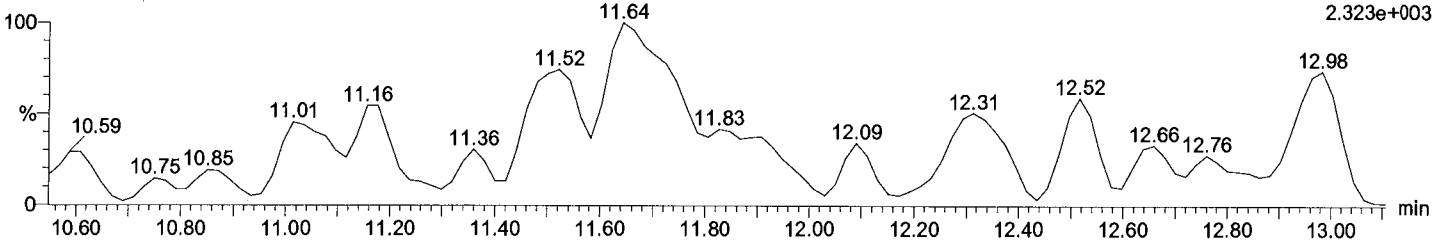
F2:Voltage SIR,EI+  
289.9224  
8.477e+002



Total TeCB F2

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

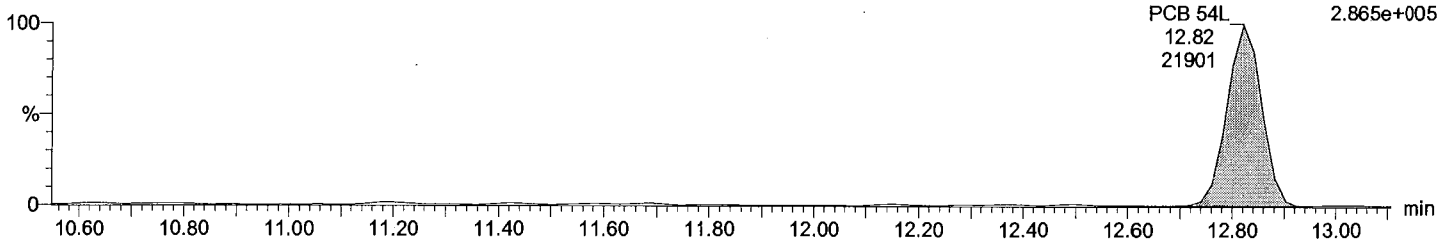
F2:Voltage SIR,EI+  
291.9194  
2.323e+003



Total TeCB labeled F2

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

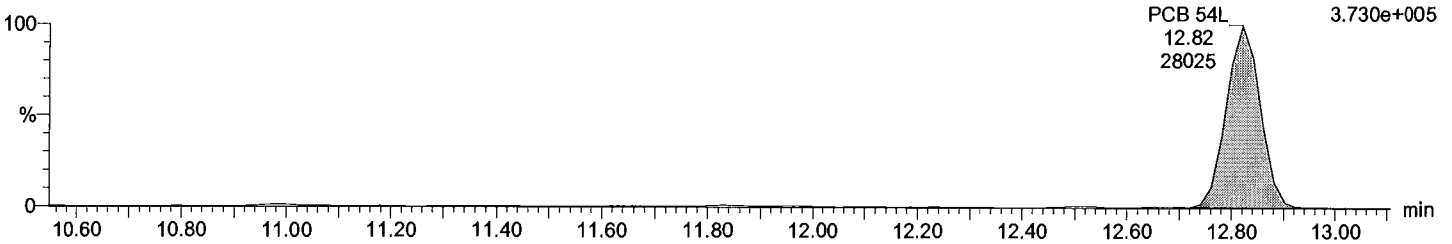
F2:Voltage SIR,EI+  
301.9626  
2.865e+005



Total TeCB labeled F2

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
303.9597  
3.730e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM

Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x

Vial: 9

Date: 10-Jun-2017

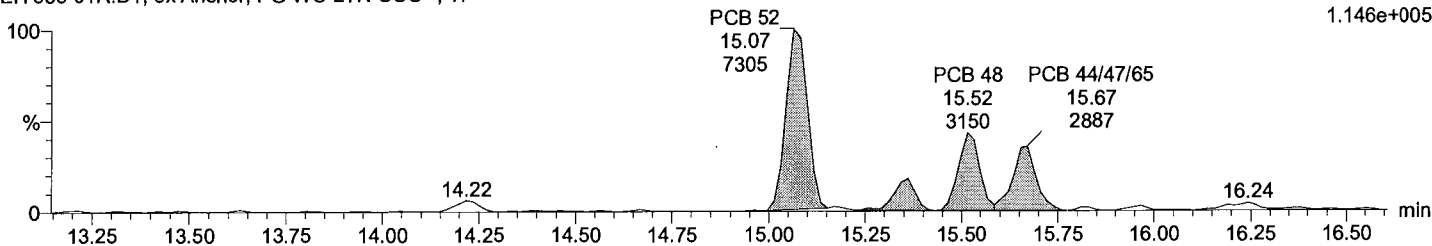
Time: 01:22:29

Instrument:

Total TeCB F3

M1170609B09 Smooth(SG,1x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

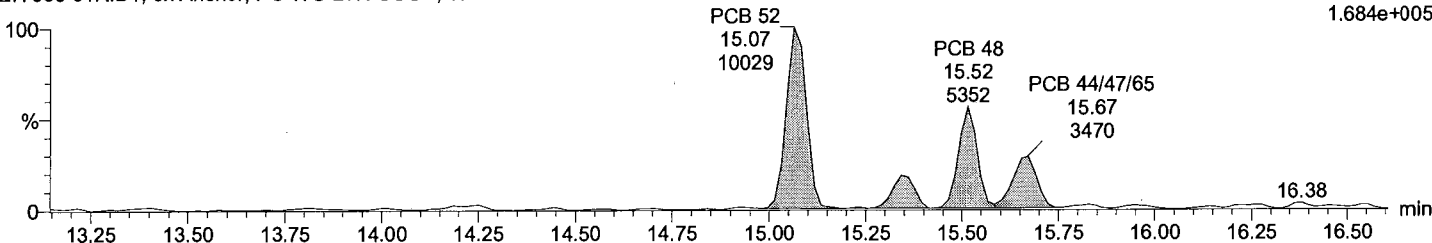
F3:Voltage SIR,EI+  
289.9224  
1.146e+005



Total TeCB F3

M1170609B09 Smooth(SG,1x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

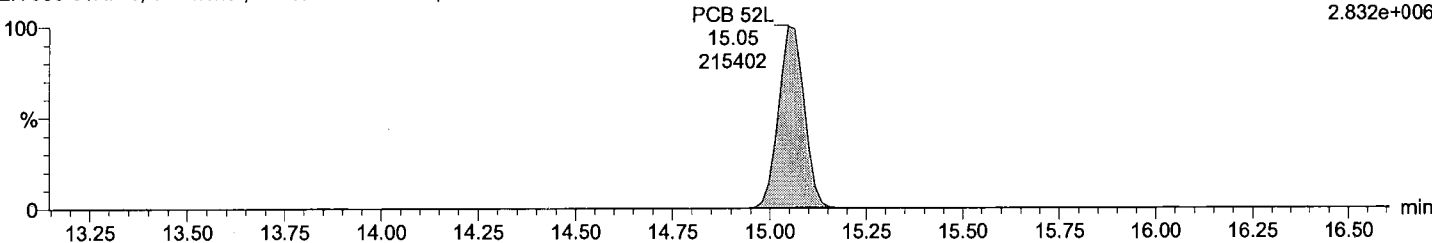
F3:Voltage SIR,EI+  
291.9194  
1.684e+005



Total TeCB labeled F3

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

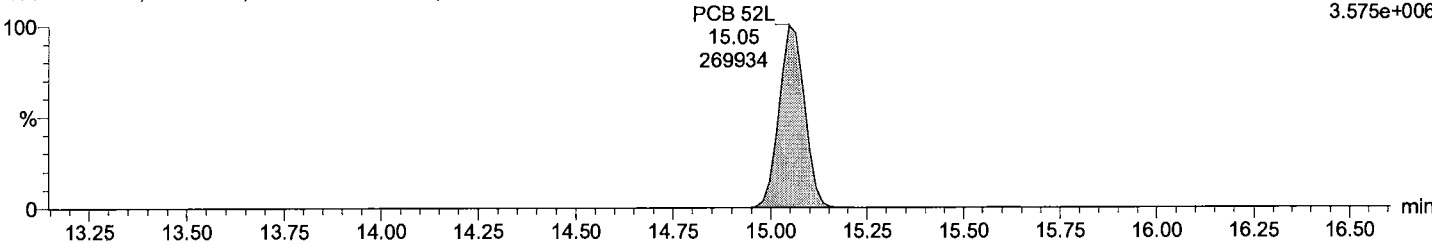
F3:Voltage SIR,EI+  
301.9626  
2.832e+006



Total TeCB labeled F3

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
303.9597  
3.575e+006



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

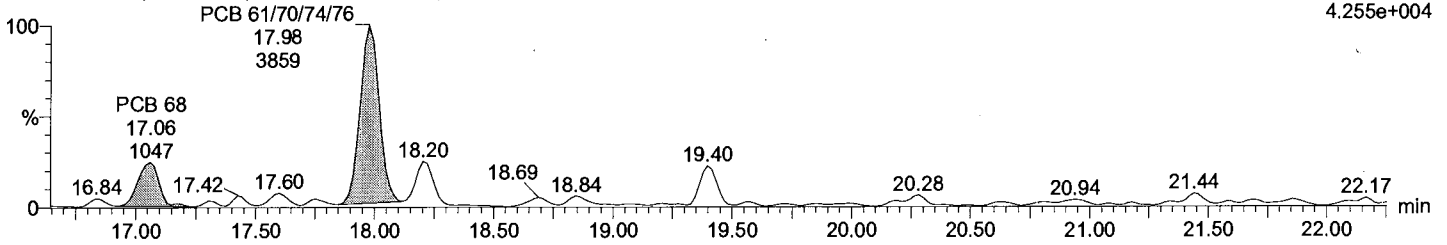
Last Altered: Monday, June 12, 2017 10:43:44 AM  
Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x  
Vial: 9  
Date: 10-Jun-2017  
Time: 01:22:29  
Instrument:

**Total TeCB F4**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

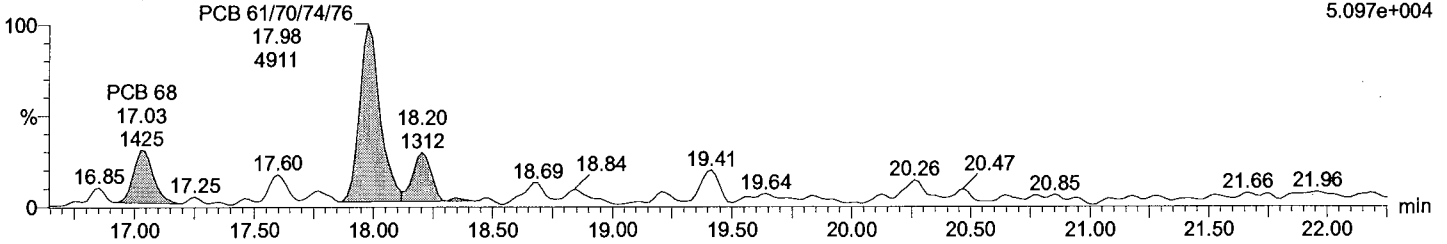
F4:Voltage SIR,EI+  
289.9224  
4.255e+004



**Total TeCB F4**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

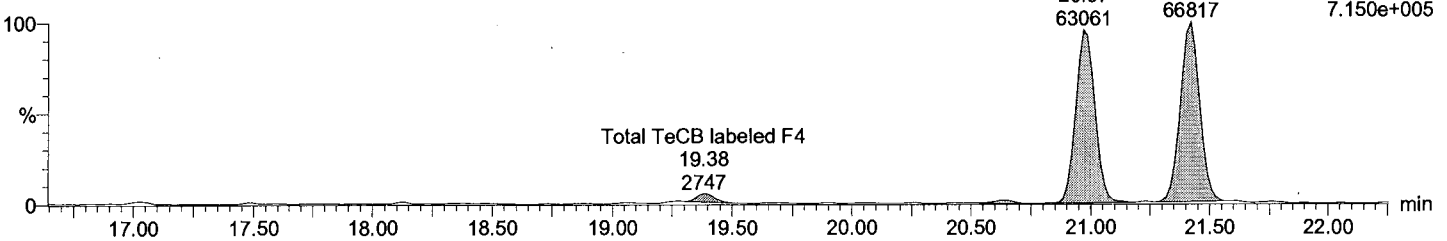
F4:Voltage SIR,EI+  
291.9194  
5.097e+004



**Total TeCB labeled F4**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

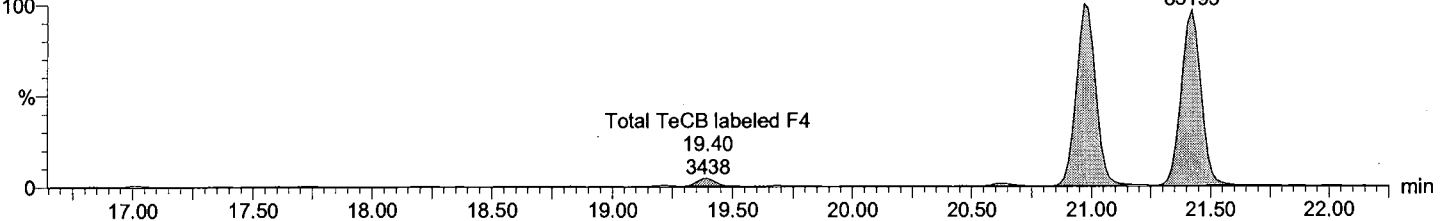
PCB 81L 20.97 63061  
PCB 77L 21.42 66817  
F4:Voltage SIR,EI+  
301.9626  
7.150e+005



**Total TeCB labeled F4**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 81L 20.97 85930  
PCB 77L 21.42 85193  
F4:Voltage SIR,EI+  
303.9597  
9.140e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM

Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x

Vial: 9

Date: 10-Jun-2017

Time: 01:22:29

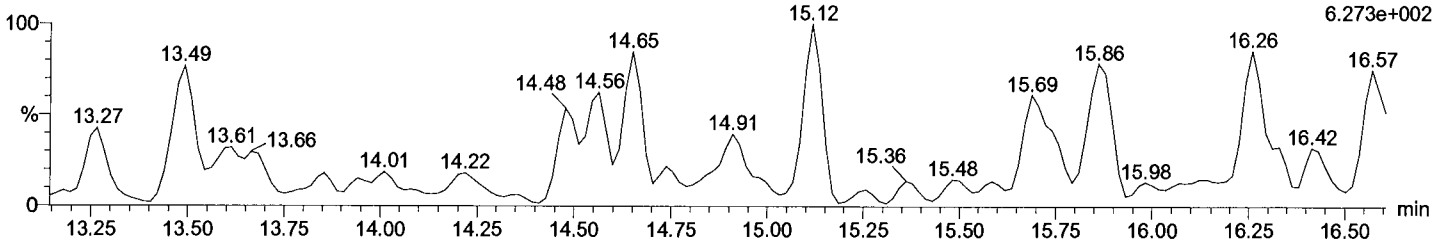
Instrument:

**Total PeCB F3**

M1170609B09 Smooth(SG,3x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
325.8805  
6.273e+002

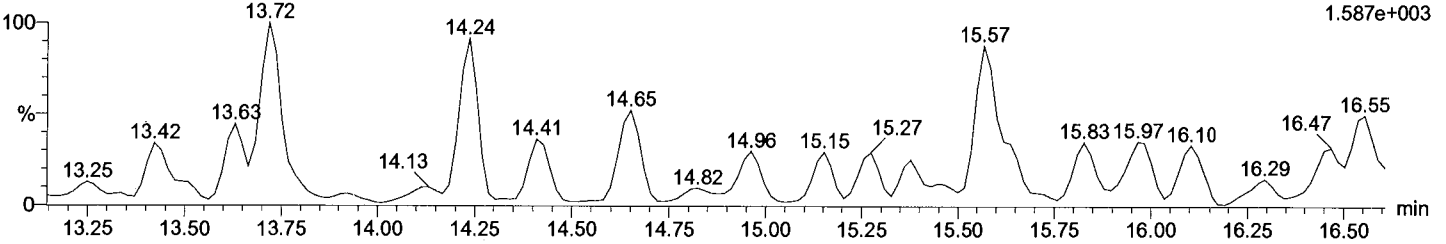


**Total PeCB F3**

M1170609B09 Smooth(SG,3x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
327.8775  
1.587e+003



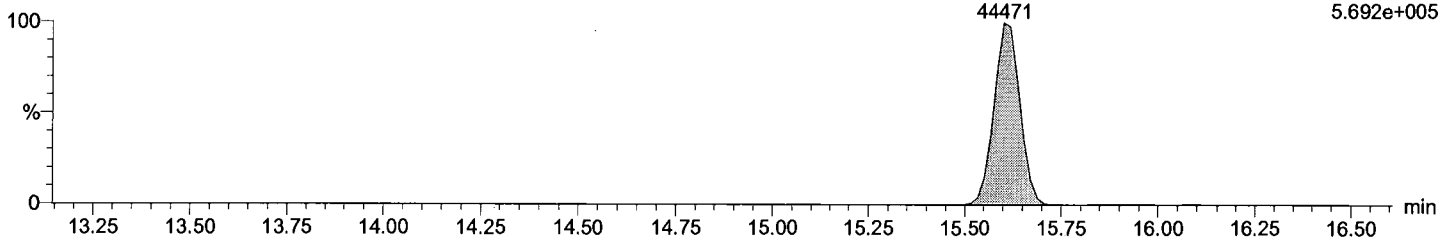
**Total PeCB labeled F3**

M1170609B09 Smooth(SG,3x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 104L  
15.60  
44471

F3:Voltage SIR,EI+  
337.9207  
5.692e+005



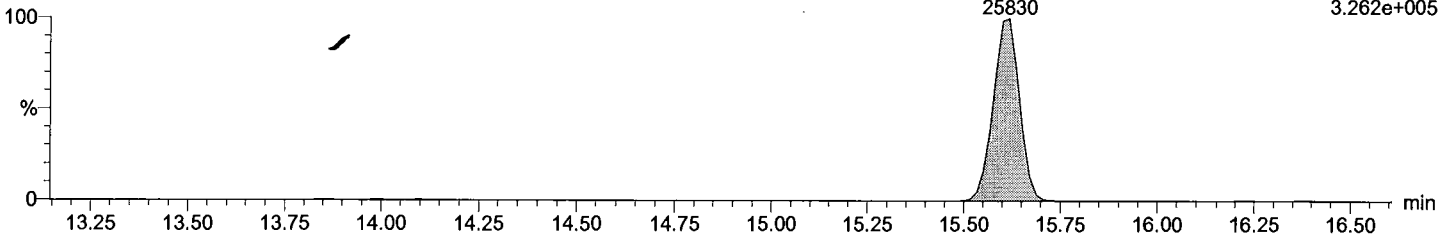
**Total PeCB labeled F3**

M1170609B09 Smooth(SG,3x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 104L  
15.62  
25830

F3:Voltage SIR,EI+  
339.9178  
3.262e+005



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM

Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x

Vial: 9

Date: 10-Jun-2017

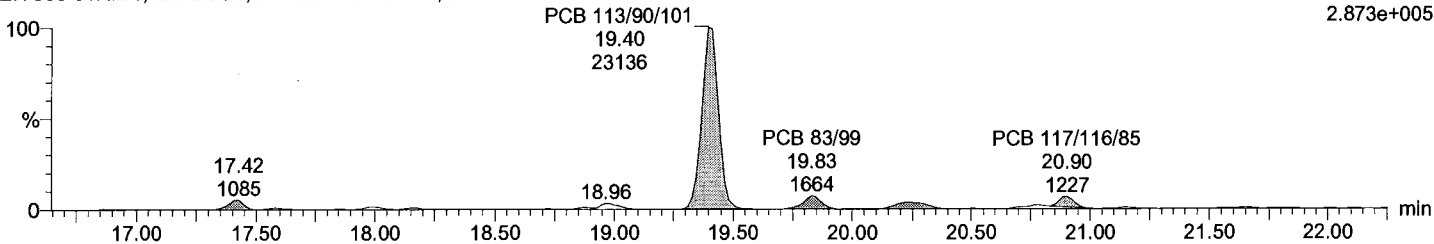
Time: 01:22:29

Instrument:

Total PeCB F4

M1170609B09 Smooth(SG,2x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

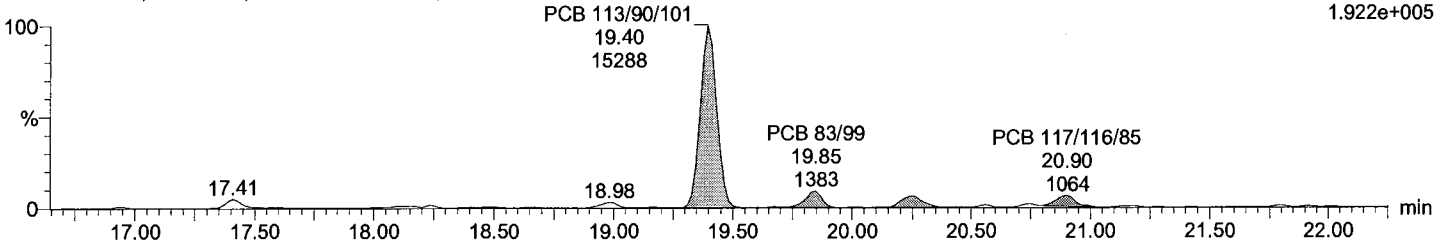
F4:Voltage SIR,EI+  
325.8805  
2.873e+005



Total PeCB F4

M1170609B09 Smooth(SG,2x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

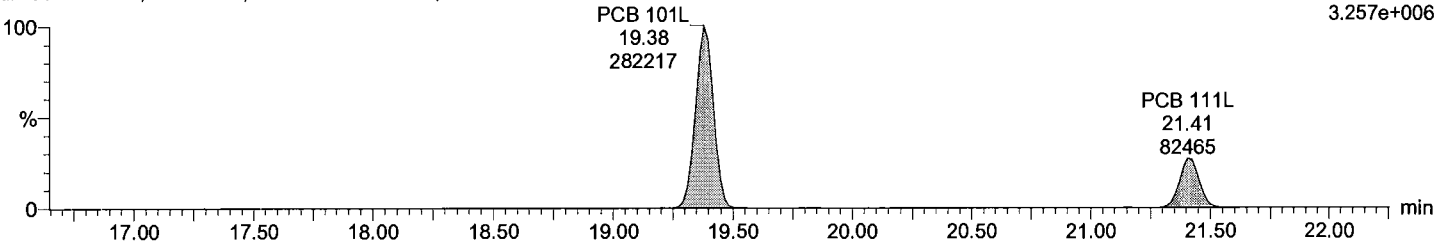
F4:Voltage SIR,EI+  
327.8775  
1.922e+005



Total PeCB labeled F4

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

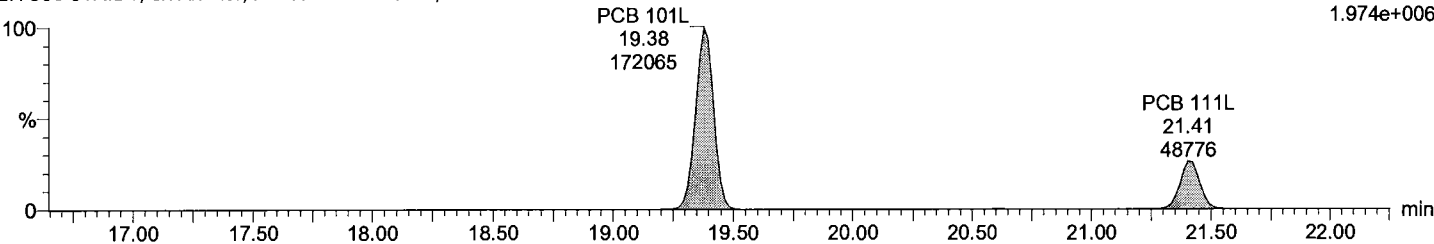
F4:Voltage SIR,EI+  
337.9207  
3.257e+006



Total PeCB labeled F4

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
339.9178  
1.974e+006





Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

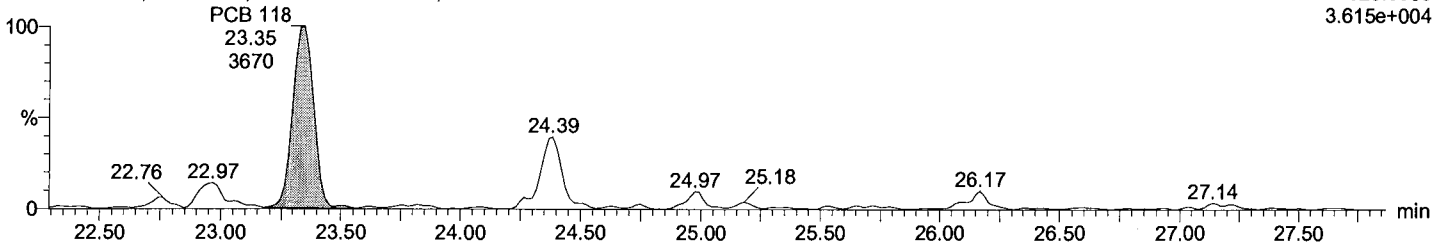
Last Altered: Monday, June 12, 2017 10:43:44 AM  
Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x  
Vial: 9  
Date: 10-Jun-2017  
Time: 01:22:29  
Instrument:

**Total PeCB F5**

M1170609B09 Smooth(SG,2x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

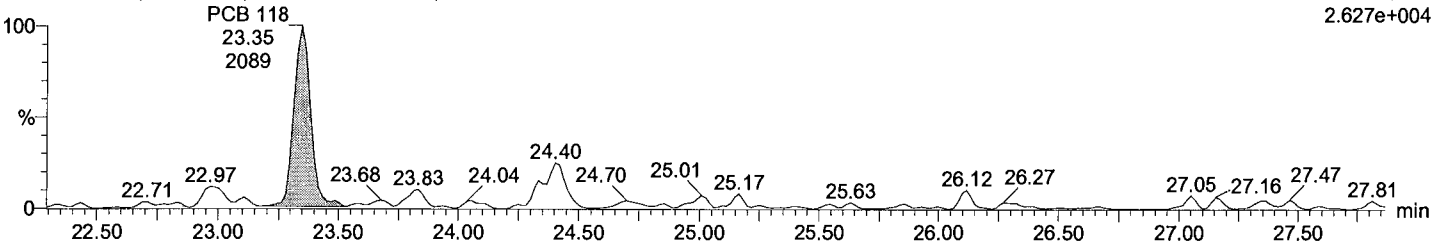
F5:Voltage SIR,EI+  
325.8805  
3.615e+004



**Total PeCB F5**

M1170609B09 Smooth(SG,2x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

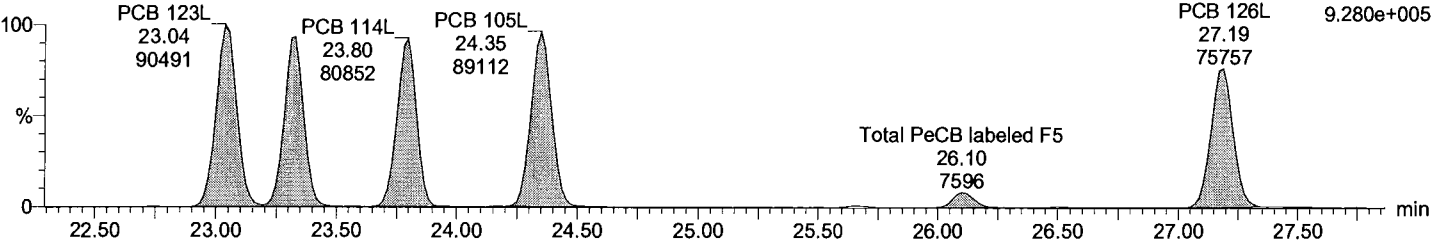
F5:Voltage SIR,EI+  
327.8775  
2.627e+004



**Total PeCB labeled F5**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

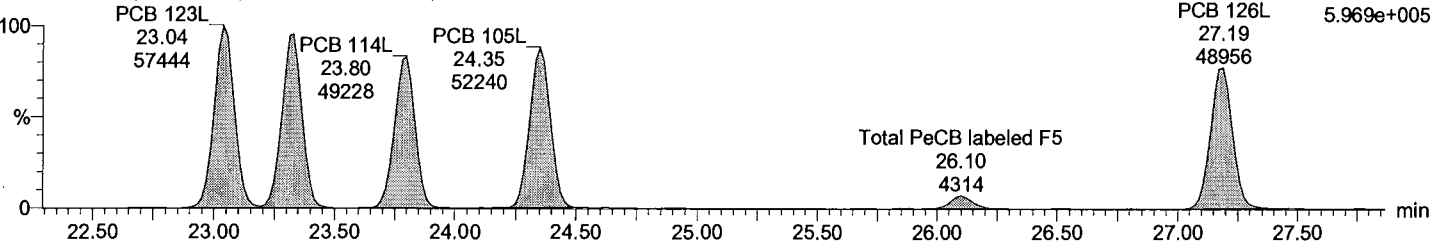
F5:Voltage SIR,EI+  
337.9207  
9.280e+005



**Total PeCB labeled F5**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F5:Voltage SIR,EI+  
339.9178  
5.969e+005



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

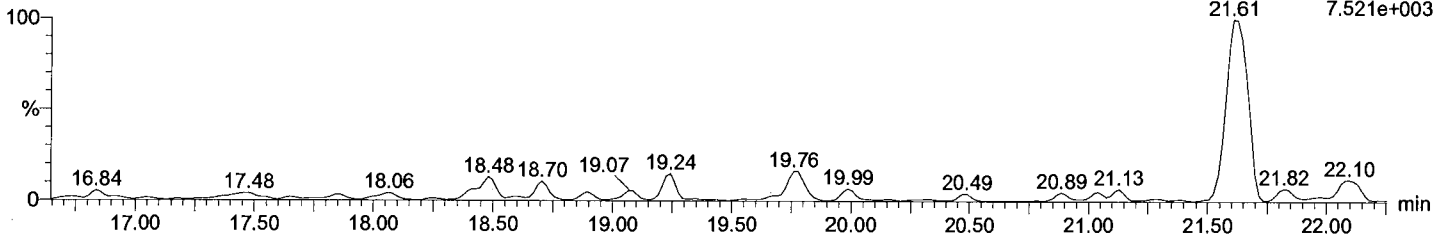
Last Altered: Monday, June 12, 2017 10:43:44 AM  
Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x  
Vial: 9  
Date: 10-Jun-2017  
Time: 01:22:29  
Instrument:

**Total HxCB F4**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

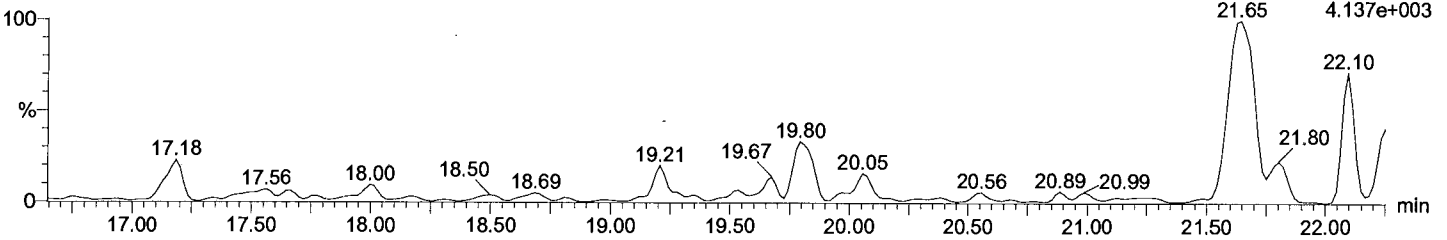
F4:Voltage SIR,EI+  
359.8415  
7.521e+003



**Total HxCB F4**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

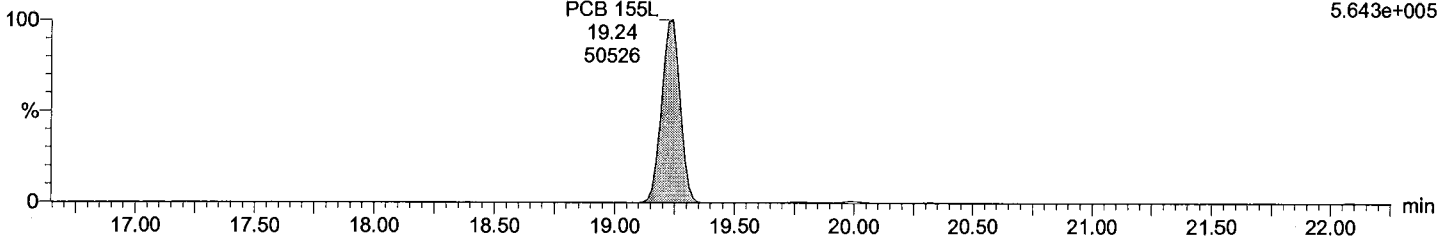
F4:Voltage SIR,EI+  
361.8385  
4.137e+003



**Total HxCB labeled F4**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

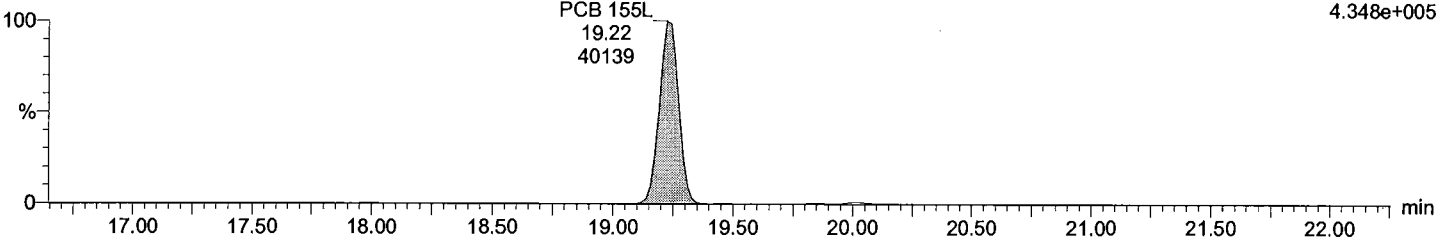
F4:Voltage SIR,EI+  
371.8817  
5.643e+005



**Total HxCB labeled F4**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
373.8788  
4.348e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM

Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x

Vial: 9

Date: 10-Jun-2017

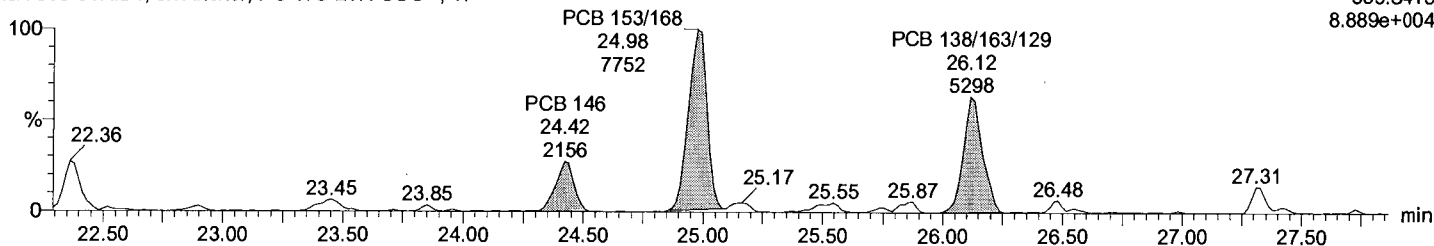
Time: 01:22:29

Instrument:

Total HxCB F5

M1170609B09 Smooth(SG,1x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

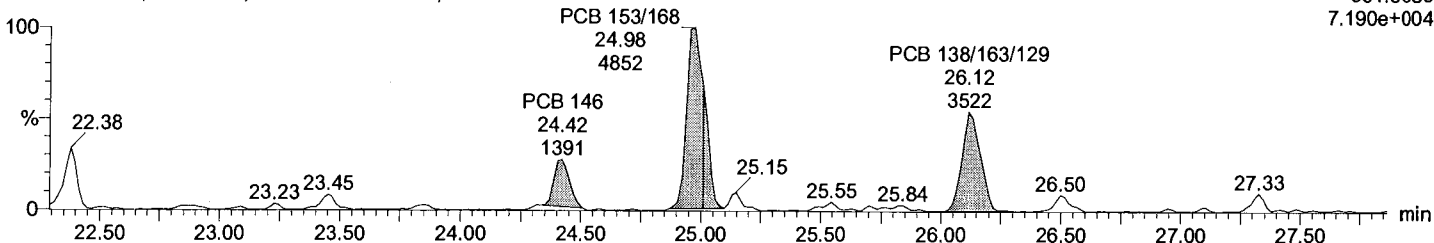
F5:Voltage SIR,EI+  
359.8415  
8.889e+004



Total HxCB F5

M1170609B09 Smooth(SG,1x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

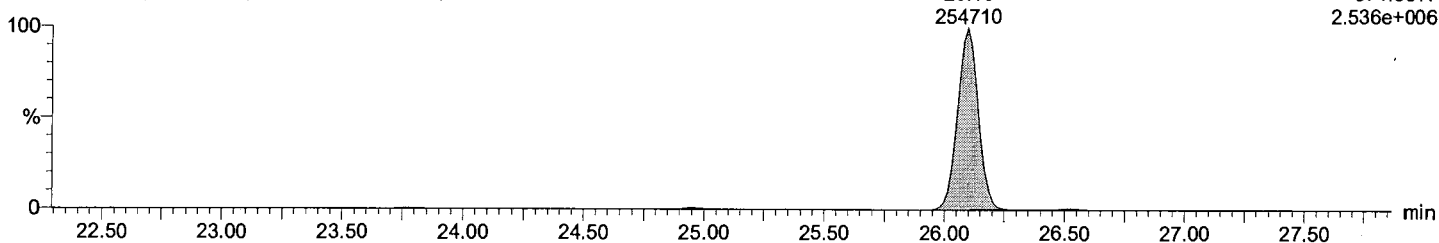
F5:Voltage SIR,EI+  
361.8385  
7.190e+004



Total HxCB labeled F5

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

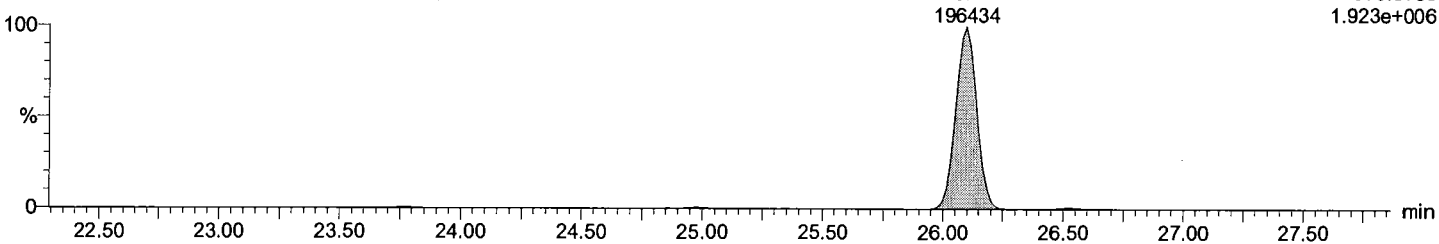
F5:Voltage SIR,EI+  
371.8817  
2.536e+006



Total HxCB labeled F5

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F5:Voltage SIR,EI+  
373.8788  
1.923e+006



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

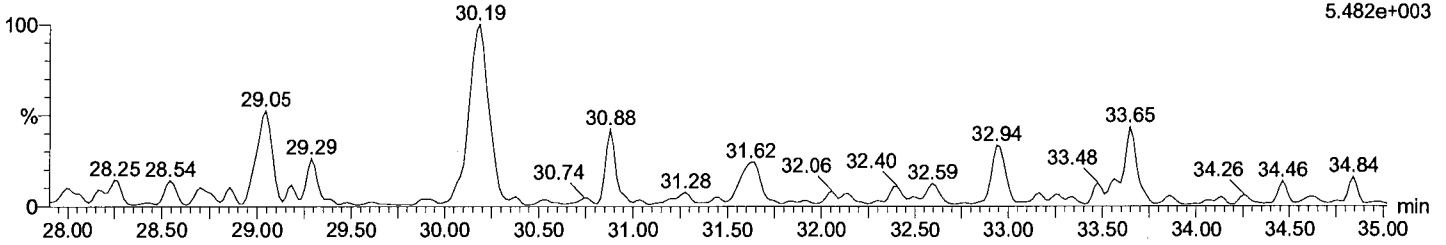
Last Altered: Monday, June 12, 2017 10:43:44 AM  
Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x  
Vial: 9  
Date: 10-Jun-2017  
Time: 01:22:29  
Instrument:

**Total HxCB F6**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

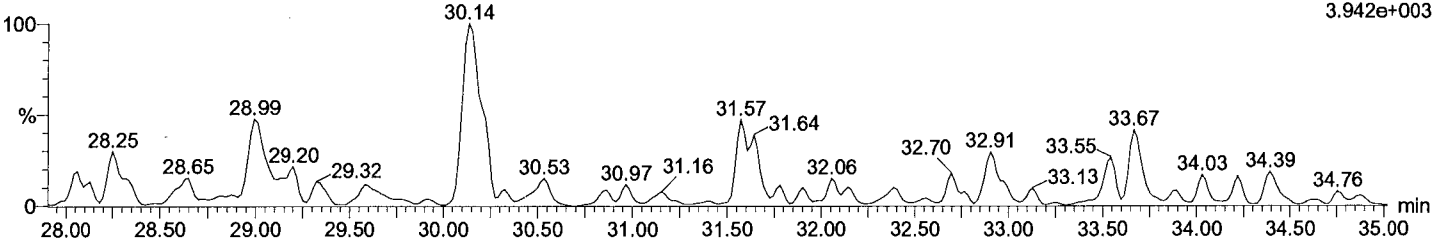
F6:Voltage SIR,EI+  
359.8415  
5.482e+003



**Total HxCB F6**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

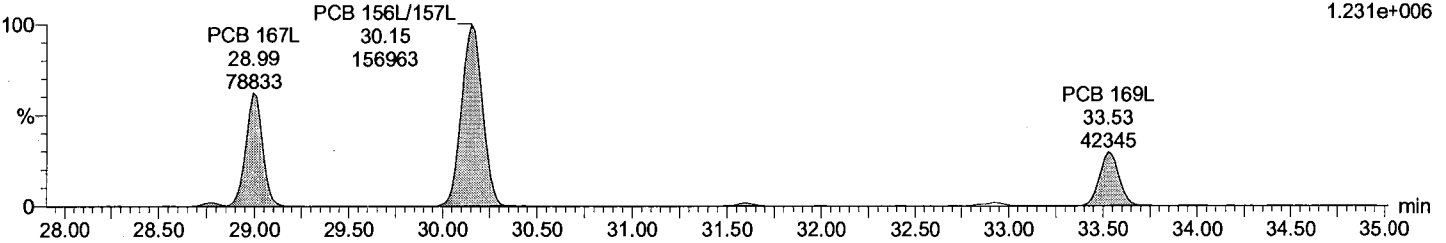
F6:Voltage SIR,EI+  
361.8385  
3.942e+003



**Total HxCB labeled F6**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

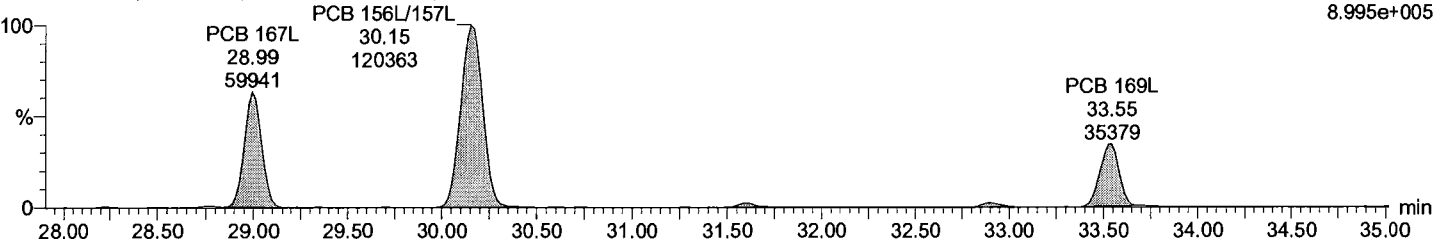
F6:Voltage SIR,EI+  
371.8817  
1.231e+006



**Total HxCB labeled F6**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
373.8788  
8.995e+005



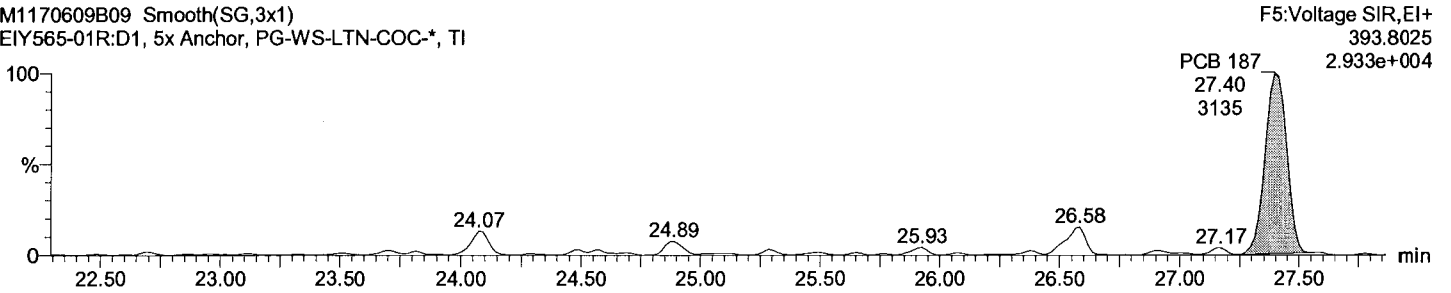
Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM  
Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x  
Vial: 9  
Date: 10-Jun-2017  
Time: 01:22:29  
Instrument:

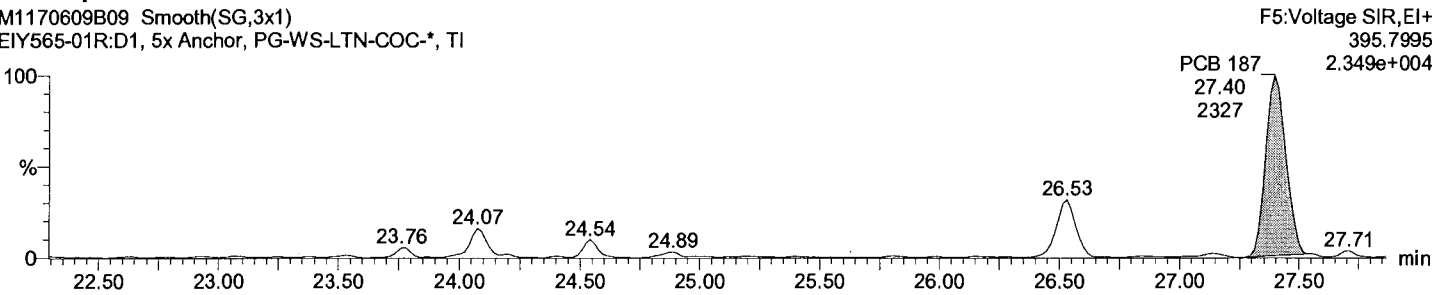
**Total HpCB F5**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI



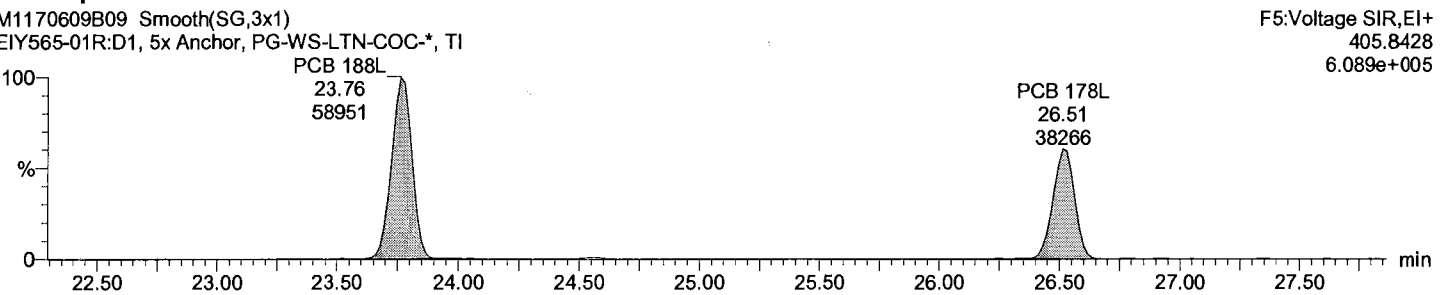
**Total HpCB F5**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI



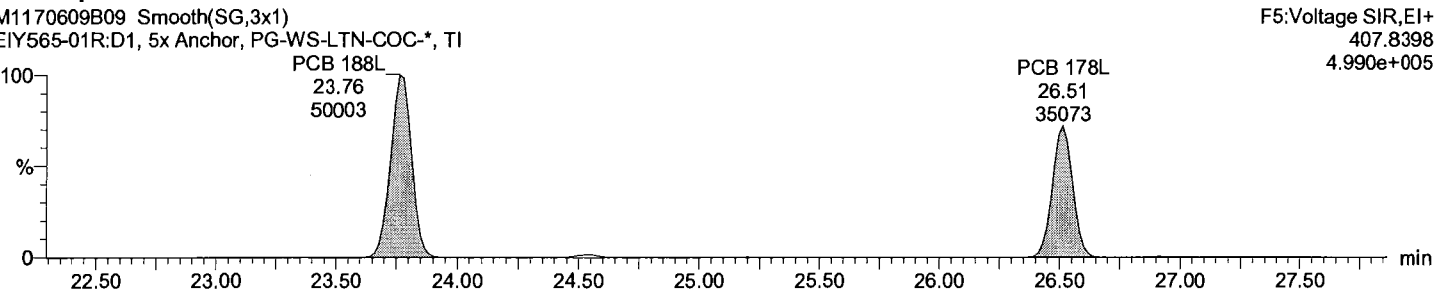
**Total HpCB labeled F5**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI



**Total HpCB labeled F5**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

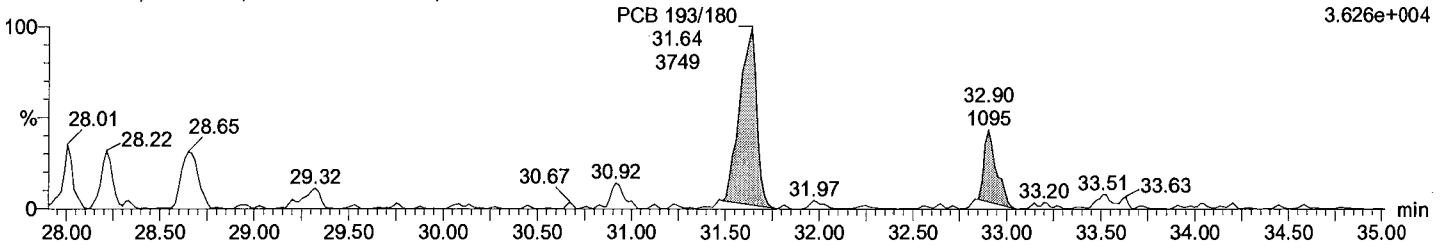
Last Altered: Monday, June 12, 2017 10:43:44 AM  
Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x  
Vial: 9  
Date: 10-Jun-2017  
Time: 01:22:29  
Instrument:

**Total HpCB F6**

M1170609B09 Smooth(SG,1x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

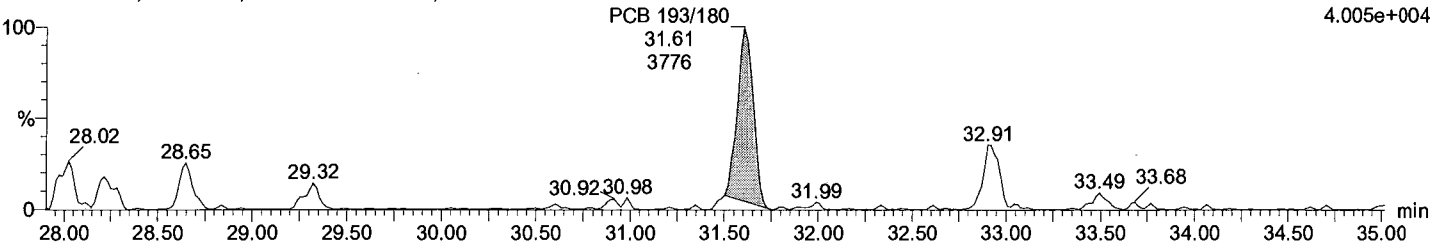
F6:Voltage SIR,EI+  
393.8025  
3.626e+004



**Total HpCB F6**

M1170609B09 Smooth(SG,1x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

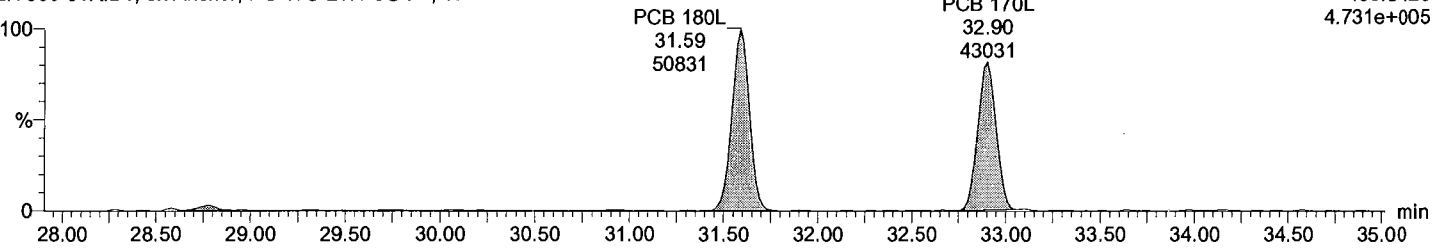
F6:Voltage SIR,EI+  
395.7995  
4.005e+004



**Total HpCB labeled F6**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

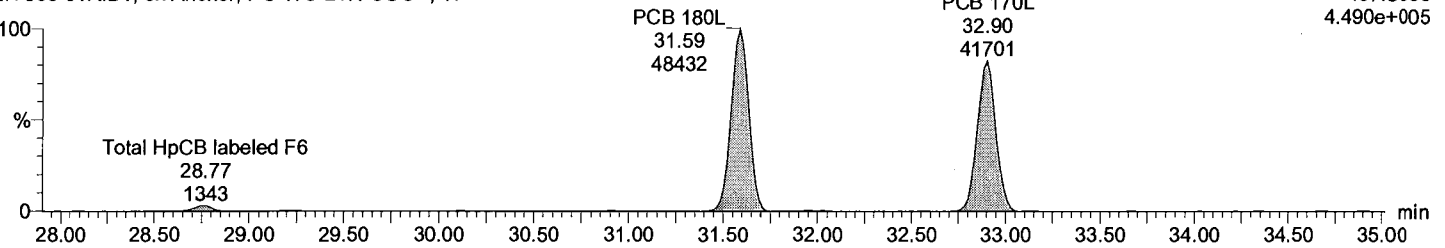
F6:Voltage SIR,EI+  
405.8428  
4.731e+005



**Total HpCB labeled F6**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
407.8398  
4.490e+005



Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

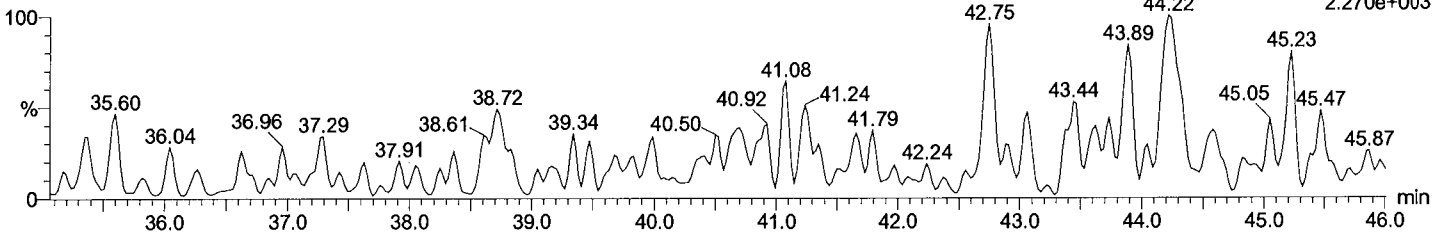
Last Altered: Monday, June 12, 2017 10:43:44 AM  
Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x  
Vial: 9  
Date: 10-Jun-2017  
Time: 01:22:29  
Instrument:

**Total HpCB F7**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

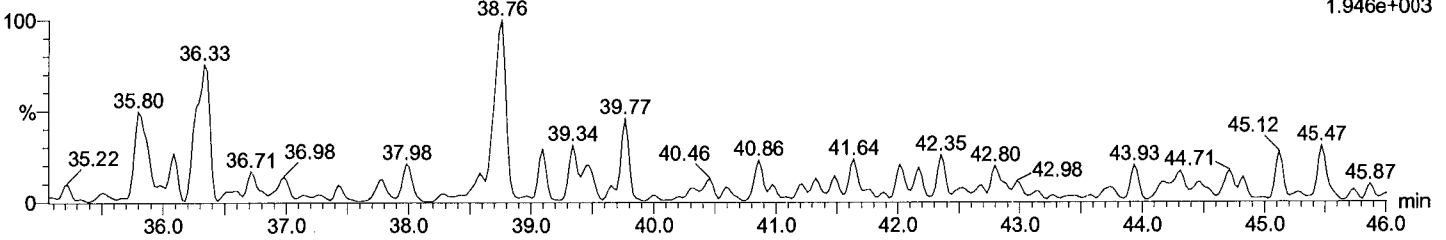
F7:Voltage SIR,EI+  
393.8025  
2.270e+003



**Total HpCB F7**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

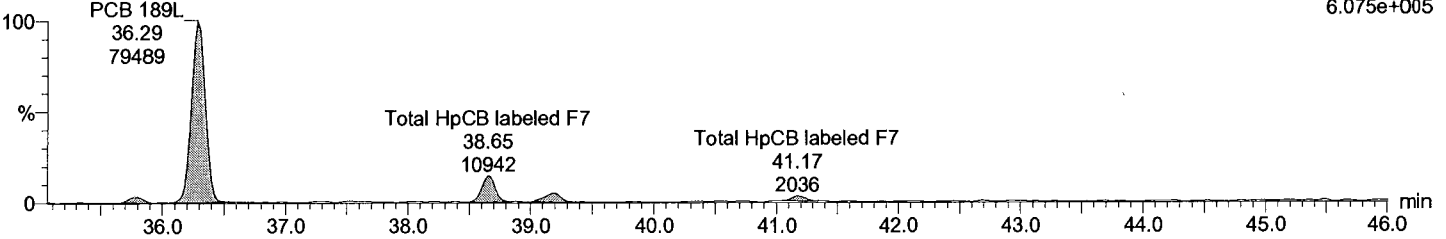
F7:Voltage SIR,EI+  
395.7996  
1.946e+003



**Total HpCB labeled F7**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

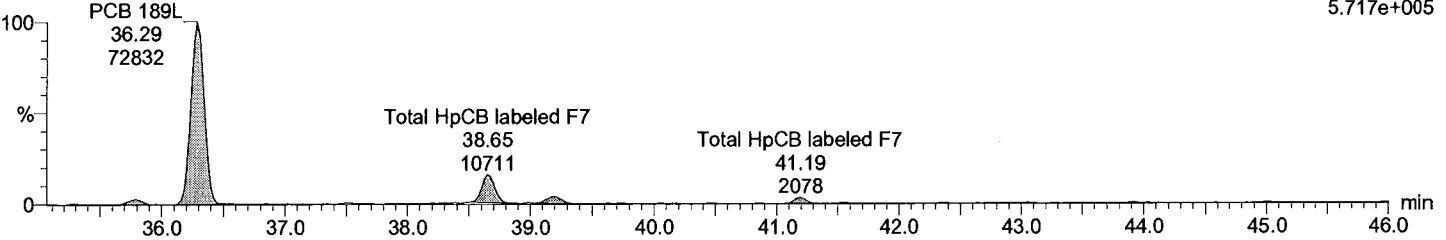
F7:Voltage SIR,EI+  
405.8428  
6.075e+005



**Total HpCB labeled F7**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
407.8398  
5.717e+005



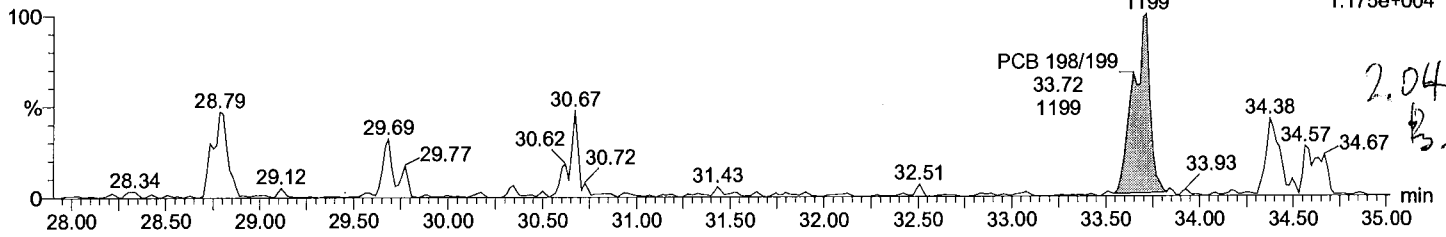
Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM  
Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x  
Vial: 9  
Date: 10-Jun-2017  
Time: 01:22:29  
Instrument:

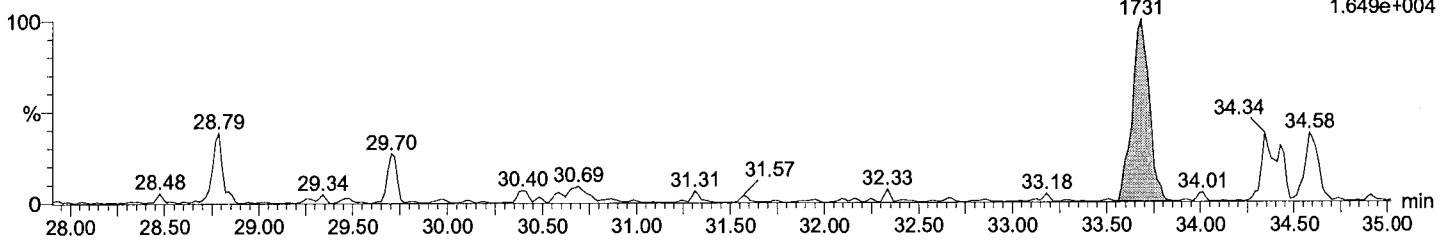
**Total OcCB F6**

M1170609B09 Smooth(SG,1x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI



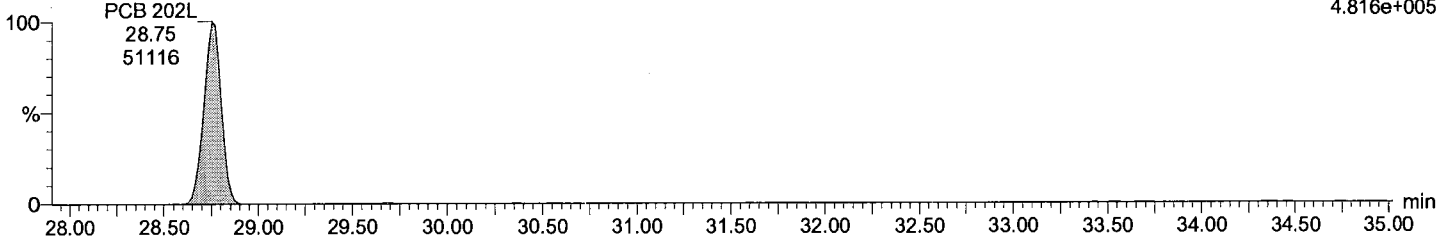
**Total OcCB F6**

M1170609B09 Smooth(SG,1x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI



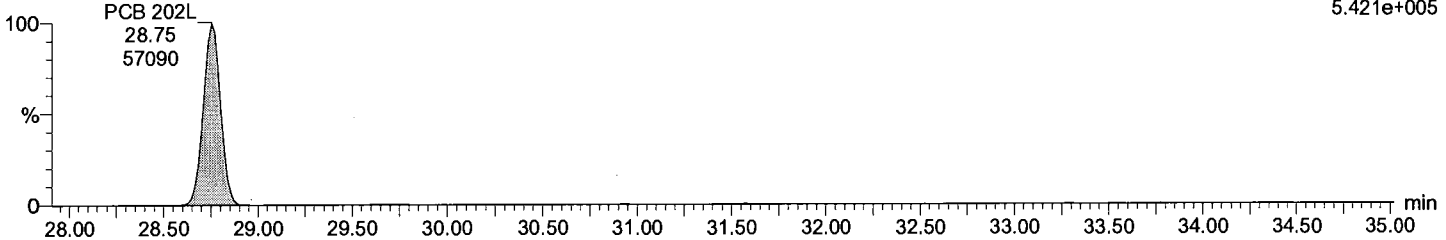
**Total OcCB labeled F6**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI



**Total OcCB labeled F6**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI



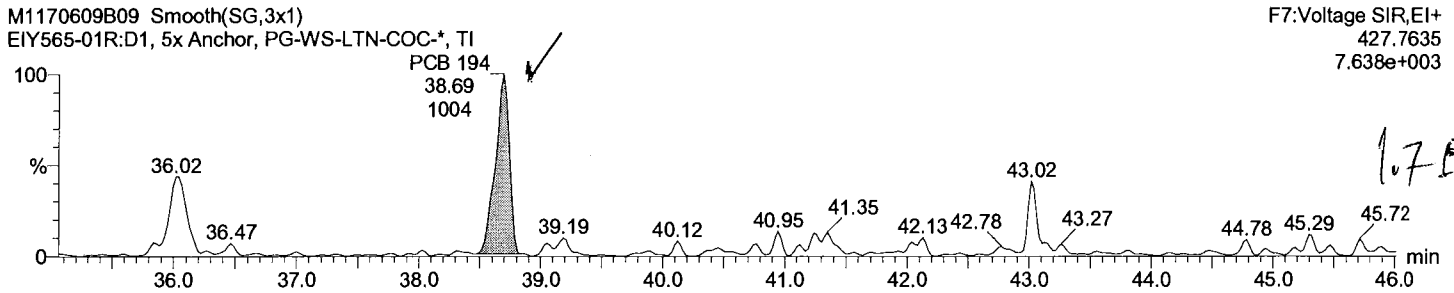


Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

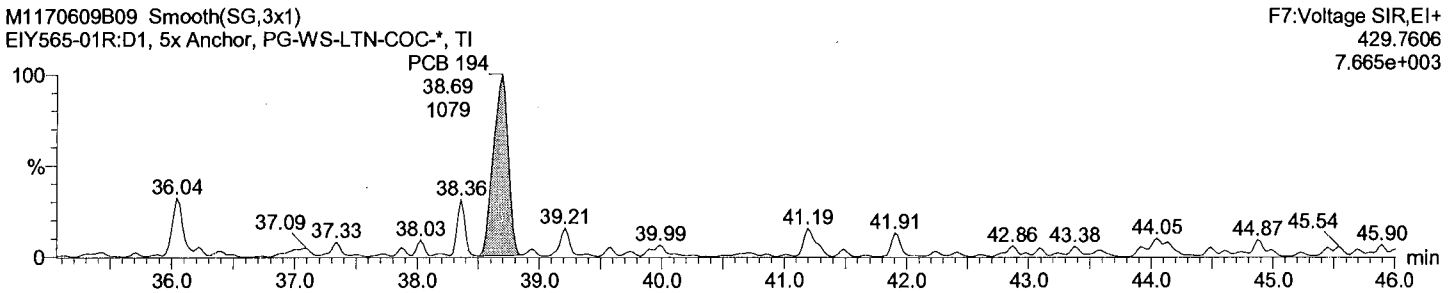
Last Altered: Monday, June 12, 2017 10:43:44 AM  
Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x  
Vial: 9  
Date: 10-Jun-2017  
Time: 01:22:29  
Instrument:

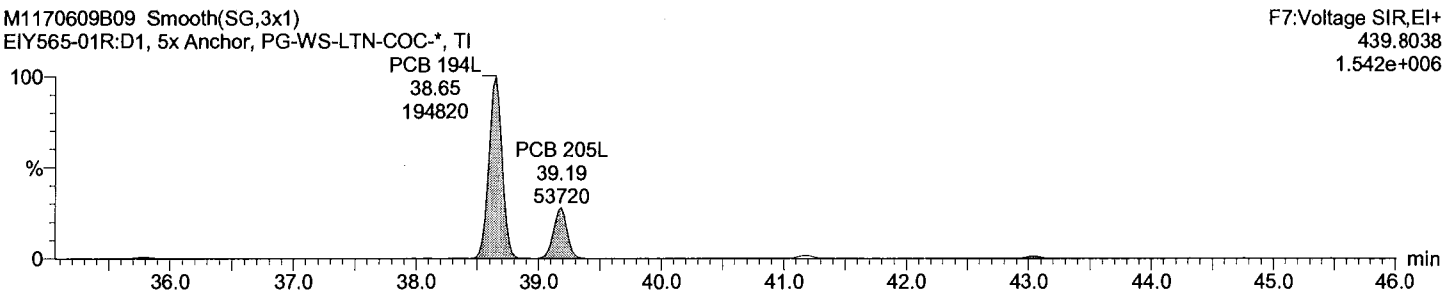
Total OcCB F7



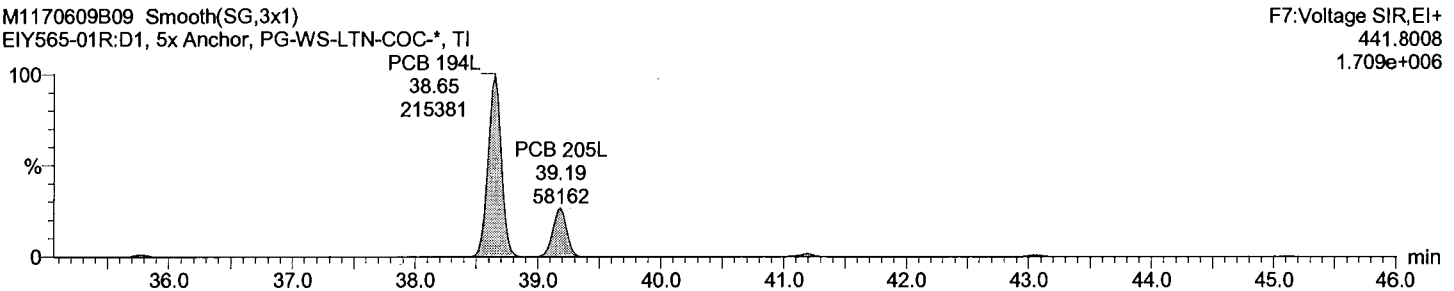
Total OcCB F7



Total OcCB labeled F7



Total OcCB labeled F7



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM

Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x

Vial: 9

Date: 10-Jun-2017

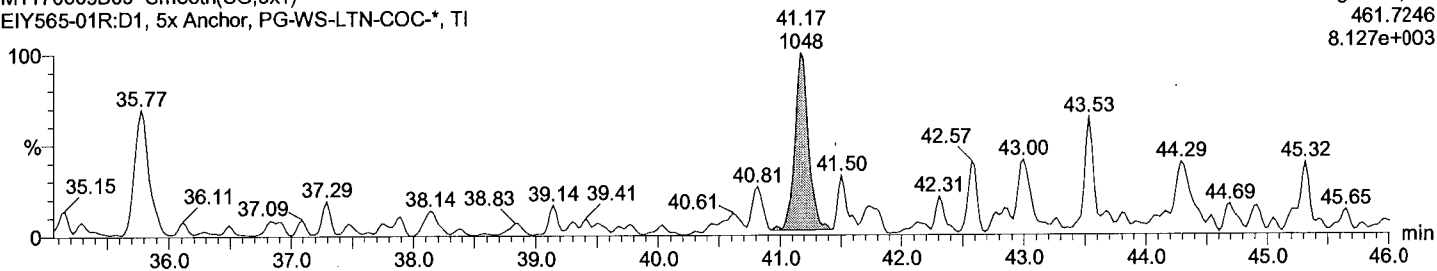
Time: 01:22:29

Instrument:

Total NoCB F7

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

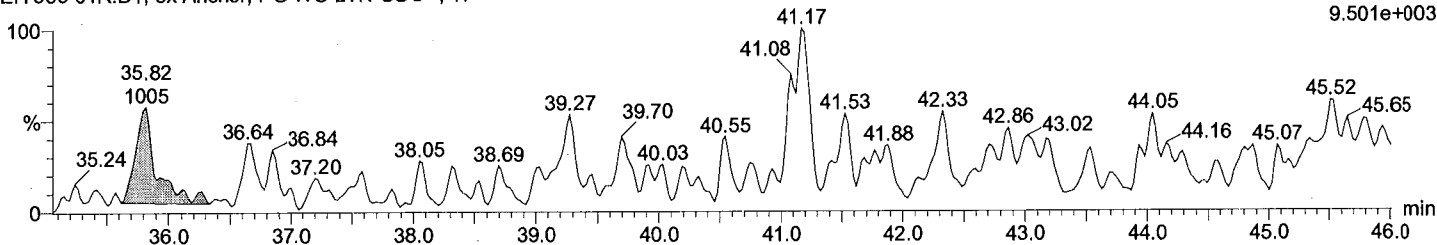
F7:Voltage SIR,EI+  
461.7246  
8.127e+003



Total NoCB F7

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

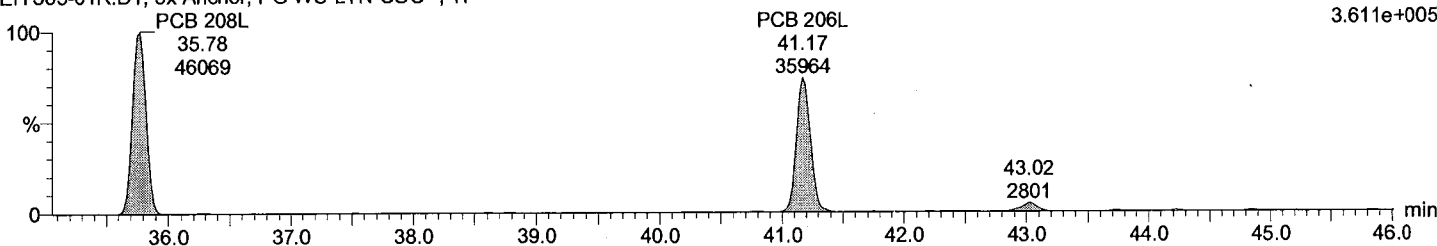
F7:Voltage SIR,EI+  
463.7216  
9.501e+003



Total NoCB labeled F7

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

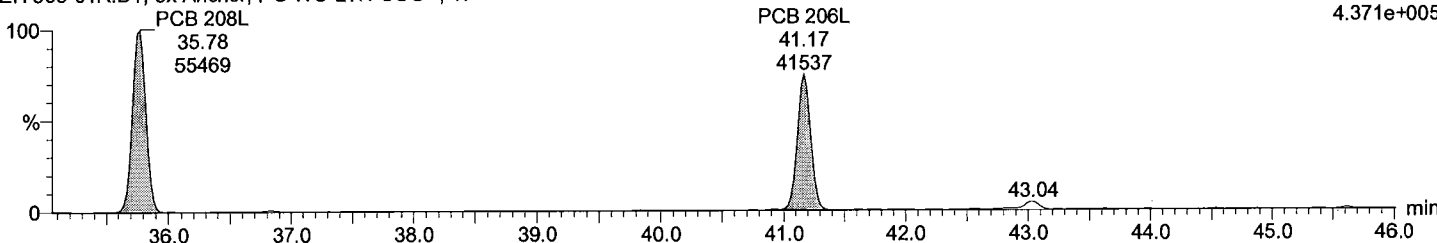
F7:Voltage SIR,EI+  
473.7648  
3.611e+005



Total NoCB labeled F7

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
475.7619  
4.371e+005



Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

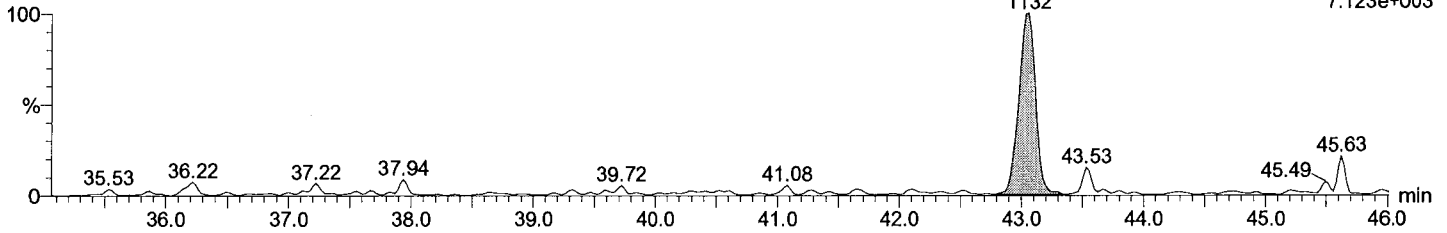
Last Altered: Monday, June 12, 2017 10:43:44 AM  
Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x  
Vial: 9  
Date: 10-Jun-2017  
Time: 01:22:29  
Instrument:

**Total DeCB F7**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

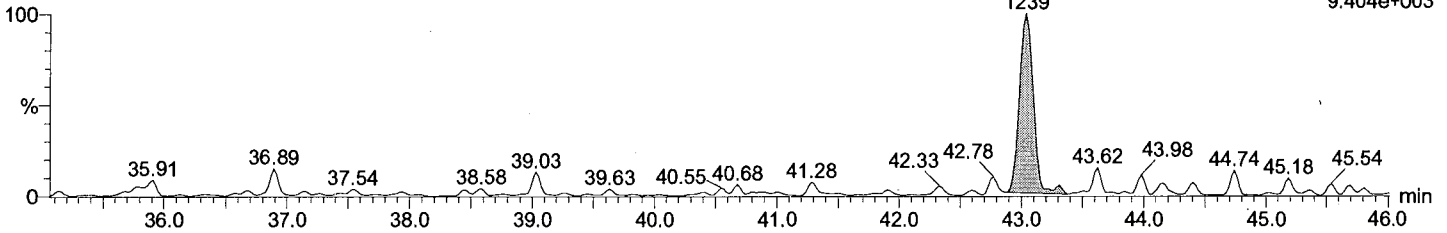
PCB 209  
43.06  
1132  
F7:Voltage SIR,EI+  
497.6826  
7.123e+003



**Total DeCB F7**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

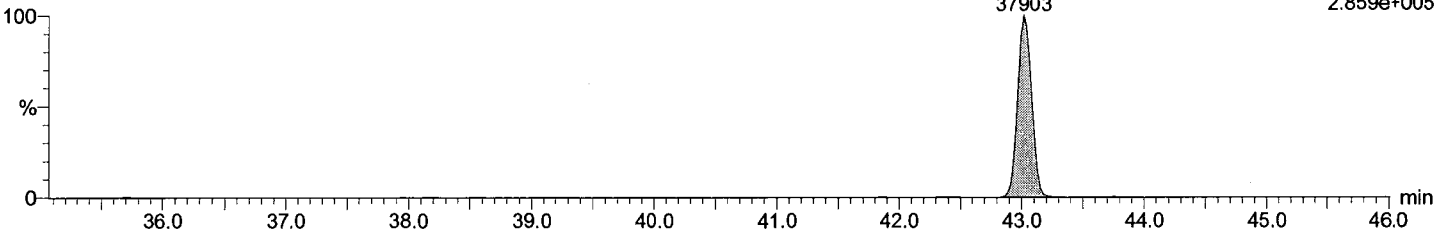
PCB 209  
43.04  
1239  
F7:Voltage SIR,EI+  
499.6797  
9.404e+003



**Total DeCB labeled F7**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

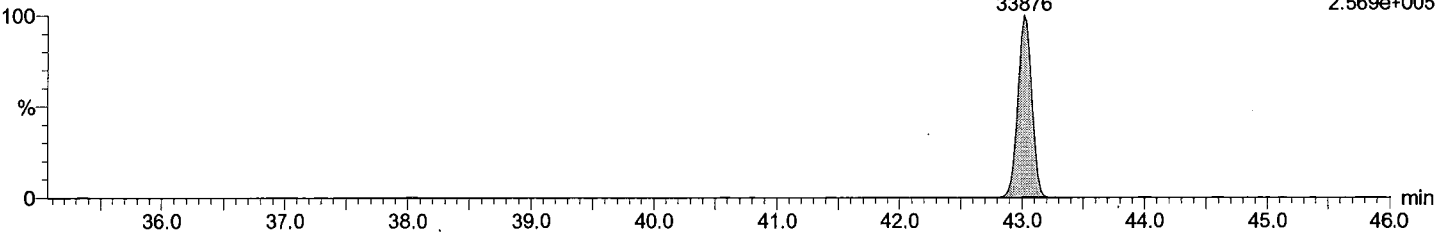
PCB 209L  
43.02  
37903  
F7:Voltage SIR,EI+  
509.7229  
2.859e+005



**Total DeCB labeled F7**

M1170609B09 Smooth(SG,3x1)  
EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 209L  
43.02  
33876  
F7:Voltage SIR,EI+  
511.7199  
2.569e+005

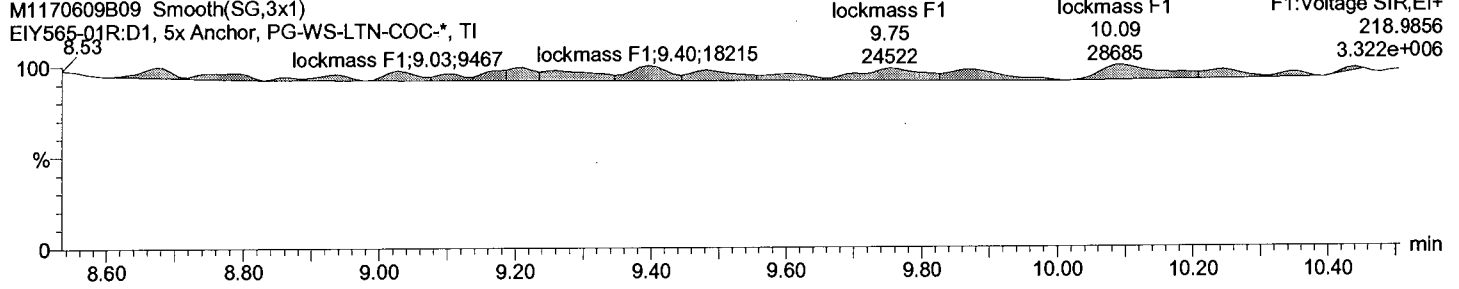


Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

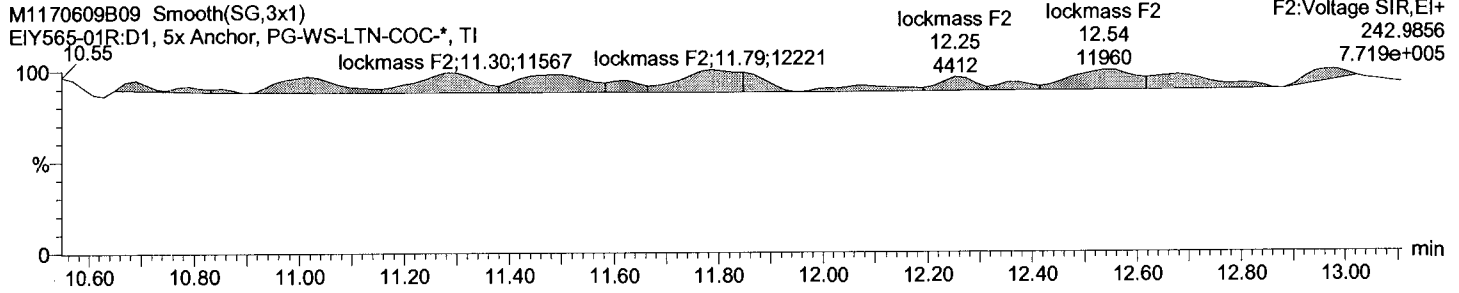
Last Altered: Monday, June 12, 2017 10:43:44 AM  
Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x  
Vial: 9  
Date: 10-Jun-2017  
Time: 01:22:29  
Instrument:

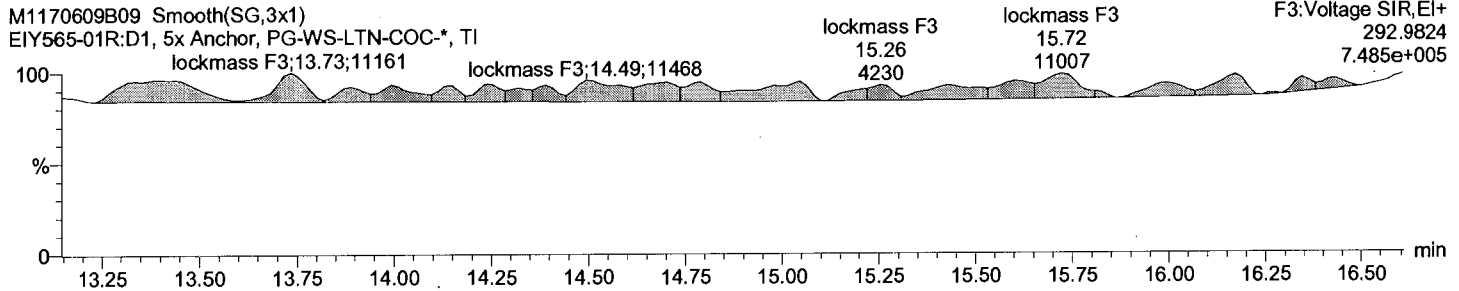
lockmass F1



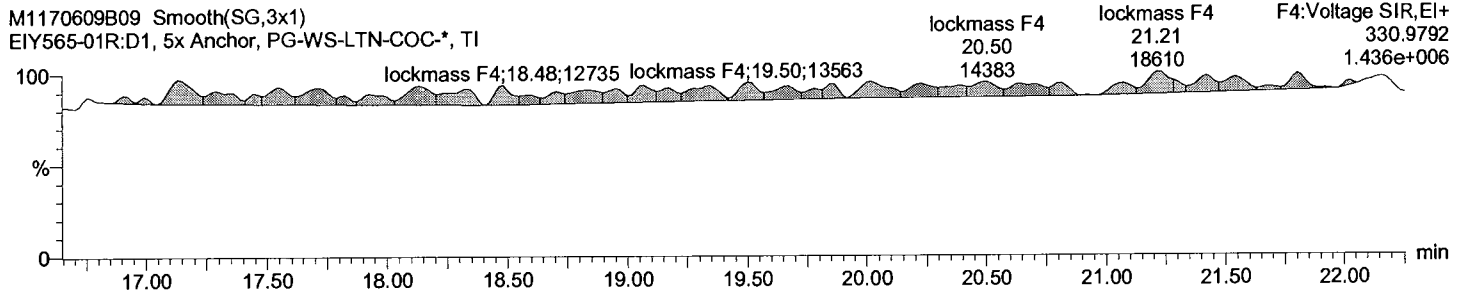
lockmass F2



lockmass F3



lockmass F4



Acquired Date

Dataset: C:\MassLynx\Default.pro\M1170609B\_\M1170609B\_dil\_1668A.qld

Last Altered: Monday, June 12, 2017 10:43:44 AM

Printed: Monday, June 12, 2017 10:44:39 AM

Description: EIY565-01R:D1, 5x

Vial: 9

Date: 10-Jun-2017

Time: 01:22:29

Instrument:

lockmass F5

M1170609B09 Smooth(SG,3x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

lockmass F5;23.61;9207

lockmass F5 lockmass F5

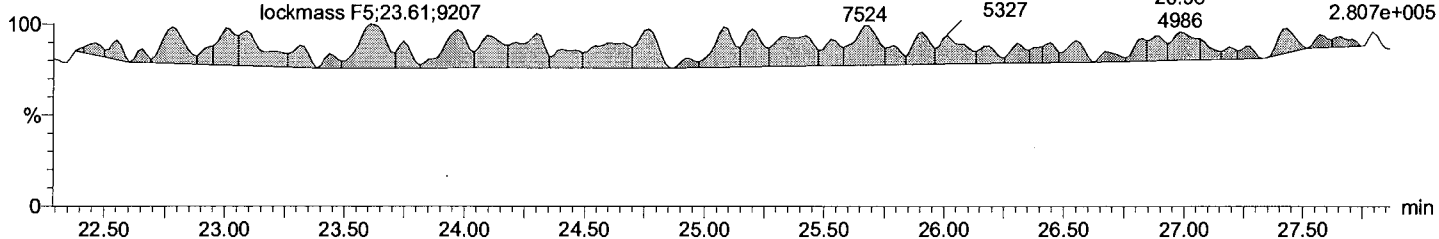
25.67 26.01

lockmass F5 F5:Voltage SIR,EI+

26.98 354.9792

7524 5327

4986 2.807e+005



lockmass F6

M1170609B09 Smooth(SG,3x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

lockmass F6;29.06;6734

lockmass F6;31.63;7800

lockmass F6

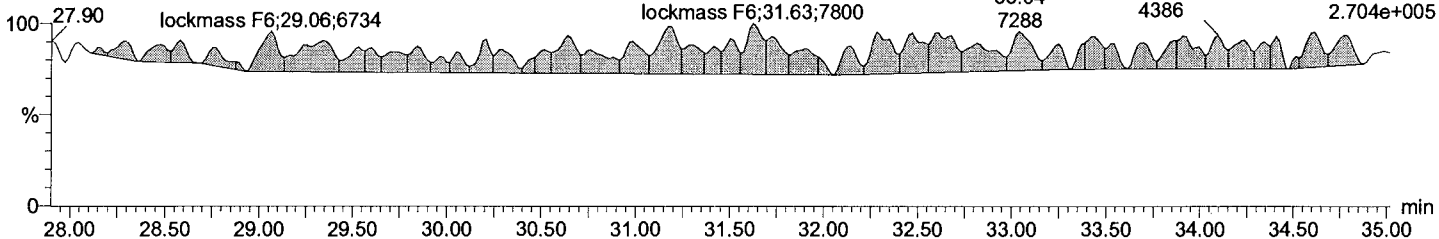
33.04

lockmass F6 F6:Voltage SIR,EI+

34.10 404.9760

7288

4386 2.704e+005



lockmass F7

M1170609B09 Smooth(SG,3x1)

EIY565-01R:D1, 5x Anchor, PG-WS-LTN-COC-\*, TI

lockmass F7;36.04;11905

lockmass F7;39.52;7463

lockmass F7

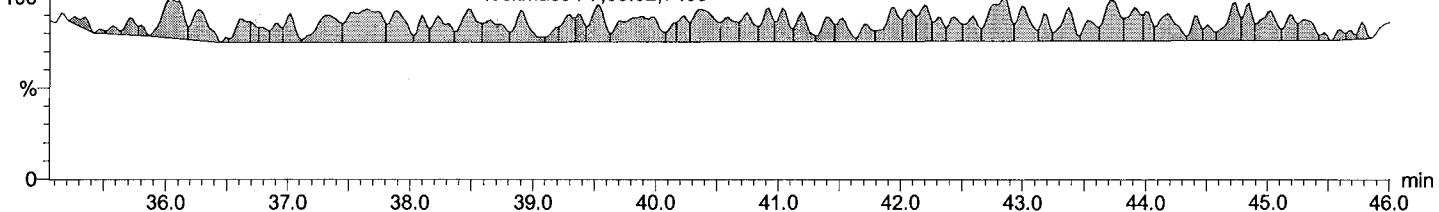
42.86

F7:Voltage SIR,EI+

454.9728

12926

2.799e+005



M1170609B08 Smooth(SG,1x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 198/199;33.70:1520.96:1.20 34.27%

*Before*  
*7.05.12*  
*AM--*

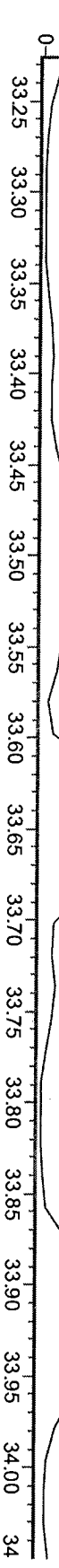
M1170609B08 Smooth(SG,1x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 198/199  
33.68  
1273.15

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

JUN 13 2017

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



M1170609B08 Smooth(SG,1x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 198/199:33.70:1520.96:0.88 -1.33%

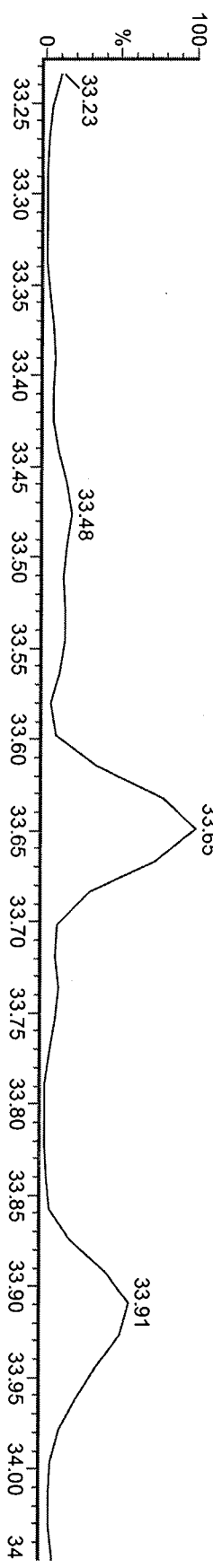
M1170609B08 Smooth(SG,1x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 198/199  
33.68  
1732.07

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

JUN 13 2017

M1170609B08 Smooth(SG,3x1)  
EIY565-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



✓  
mg.

17-08-12  
Am.

Filename M1170609B10  
 Acquired 10/06/2017 2:12

Call File PCB209\_M1170609B

Sample ID EIY571-01R, 5x  
 Comments

Instrument File Ultima 1  
 Sample Size 10.048

Dil Fac 1.00

5X

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	DL	S/N	Mod	rf	Rec
1 PCB 1	188	NotFnd	*	*	*			0		no	1.053	-
	MoCB 190	8.81	*	no	*							
2 PCB 2	188	NotFnd	*	*	*			0		no	1.198	-
	MoCB 190	9.91	*	no	*							
3 PCB 3	188	NotFnd	*	*	*			0		no	1.055	-
	MoCB 190	10.00	*	no	*							
4 PCB 4	222	NotFnd	*	*	*			0.003		no	1.191	-
	DICB 224	10.11	*	no	*							
5 PCB 10	222	NotFnd	*	*	*			0.002		no	1.156	-
	DICB 224	10.20	*	no	*							
6 PCB 9	222	NotFnd	*	*	*			0.004		no	1.544	-
	DICB 224	11.00	*	no	*							
7 PCB 7	222	NotFnd	*	*	*			0.004		no	1.399	-
	DICB 224	11.08	*	no	*							
8 PCB 6	222	NotFnd	*	*	*			0.004		no	1.424	-
	DICB 224	11.18	*	no	*							
9 PCB 5	222	NotFnd	*	*	*			0.004		no	1.462	-
	DICB 224	11.30	*	no	*							
10 PCB 8	222	NotFnd	*	*	*			0.004		no	1.443	-
	DICB 224	11.36	*	no	*							
11 PCB 14	222	NotFnd	*	*	*			0.004		no	1.506	-
	DICB 224	12.03	*	no	*							
12 PCB 11	222	NotFnd	*	*	*			0.004		no	1.42	-
	DICB 224	12.40	*	no	*							
13 PCB 13/12	222	NotFnd	*	*	*			0.004		no	1.443	-
	DICB 224	12.54	*	no	*							
14 PCB 15	222	NotFnd	*	*	*			0.005		no	0.956	-
	DICB 224	12.68	*	no	*							
15 PCB 19	256	NotFnd	*	*	*			0.003		no	1.06	-
	TriCB 258	11.46	*	no	*							
16 PCB 30/18	256	NotFnd	*	*	*			0.002		no	1.033	-
	TriCB 258	12.25	*	no	*							
17 PCB 17	256	NotFnd	*	*	*			0.002		no	0.838	-
	TriCB 258	12.46	*	no	*							
18 PCB 27	256	NotFnd	*	*	*			0.001		no	1.164	-
	TriCB 258	12.54	*	no	*							
19 PCB 24	256	NotFnd	*	*	*			0.001		no	1.35	-
	TriCB 258	12.58	*	no	*							
20 PCB 16	256	NotFnd	*	*	*			0.003		no	0.608	-
	TriCB 258	12.66	*	no	*							
21 PCB 32	256	NotFnd	*	*	*			0.001		no	1.334	-
	TriCB 258	12.88	*	no	*							
22 PCB 34	256	NotFnd	*	*	*			0.001		no	1.427	-
	TriCB 258	13.46	*	no	*							
23 PCB 23	256	NotFnd	*	*	*			0.001		no	1.32	-
	TriCB 258	13.54	*	no	*							
24 PCB 26/29	256	NotFnd	*	*	*			0.001		no	1.443	-
	TriCB 258	13.70	*	no	*							
25 PCB 25	256	NotFnd	*	*	*			0.001		no	1.389	-
	TriCB 258	13.83	*	no	*							
26 PCB 31	256	13.98	1068	0.91	2236	0.002695		0.001	18	no	1.527	-
	TriCB 258	13.99	1168	yes					12			
27 PCB 28/20	256	14.11	1881	1.02	3717	0.004747		0.001	32	no	1.441	-
	TriCB 258	14.14	1836	yes					20			
28 PCB 21/33	256	NotFnd	*	*	*			0.001		no	1.391	-
	TriCB 258	14.26	*	no	*							
29 PCB 22	256	NotFnd	*	*	*			0.001		no	1.357	-
	TriCB 258	14.45	*	no	*							
30 PCB 36	256	NotFnd	*	*	*			0.001		no	1.632	-
	TriCB 258	15.28	*	no	*							
31 PCB 39	256	NotFnd	*	*	*			0.001		no	1.448	-
	TriCB 258	15.48	*	no	*							
32 PCB 38	256	NotFnd	*	*	*			0.001		no	1.474	-
	TriCB 258	15.86	*	no	*							
33 PCB 35	256	NotFnd	*	*	*			0.001		no	1.4	-
	TriCB 258	16.08	*	no	*							
34 PCB 37	256	NotFnd	*	*	*			0.001		no	0.951	-
	TriCB 258	16.35	*	no	*							
35 PCB 54	290	NotFnd	*	*	*			0.001		no	1.071	-
	TCB 292	12.82	*	no	*							
36 PCB 53/50	290	NotFnd	*	*	*			0.001		no	0.861	-
	TCB 292	13.86	*	no	*							
37 PCB 45/51	290	NotFnd	*	*	*			0.001		no	0.832	-
	TCB 292	14.21	*	no	*							
38 PCB 46	290	NotFnd	*	*	*			0.002		no	0.718	-
	TCB 292	14.35	*	no	*							
39 PCB 52	290	15.07	1743	0.63	4514	0.00748		0.001	32	no	0.961	-
	TCB 292	15.05	2771	no					25			
40 PCB 73	290	NotFnd	*	*	*			0.001		no	1.012	-
	TCB 292	15.14	*	no	*							
41 PCB 43	290	NotFnd	*	*	*			0.001		no	0.787	-
	TCB 292	15.21	*	no	*							
42 PCB 69/49	290	NotFnd	*	*	*			0.001		no	0.953	-
	TCB 292	15.33	*	no	*							
43 PCB 48	290	NotFnd	*	*	*			0.001		no	0.848	-
	TCB 292	15.50	*	no	*							
44 PCB 44/47/65	290	15.65	2630	0.71	6323	0.010983		0.001	43	no	0.917	-
	TCB 292	15.64	3693	yes					29			
45 PCB 59/62/75	290	NotFnd	*	*	*			0.001		no	1.12	-



46 PCB 42	TCB 292	15.83	*	no	*				0.001	no	0.728	-	
	290	NotFnd	*	*	*								
	TCB 292	15.94	*	no	*								
47 PCB 40/41/71	290	NotFnd	*	*	*				0.001	no	0.85	-	
	TCB 292	16.23	*	no	*								
48 PCB 64	290	NotFnd	*	*	*				0.001	no	1.079	-	
	TCB 292	16.37	*	no	*								
49 PCB 72	290	NotFnd	*	*	*				0.001	no	1.426	-	
	TCB 292	16.88	*	no	*								
50 PCB 68	290	NotFnd	*	*	*				0.001	no	1.39	-	
	TCB 292	17.07	*	no	*								
51 PCB 57	290	NotFnd	*	*	*				0.001	no	1.359	-	
	TCB 292	17.34	*	no	*								
52 PCB 58	290	NotFnd	*	*	*				0.001	no	1.206	-	
	TCB 292	17.49	*	no	*								
53 PCB 67	290	NotFnd	*	*	*				0.001	no	1.485	-	
	TCB 292	17.57	*	no	*								
54 PCB 63	290	NotFnd	*	*	*				0.001	no	1.419	-	
	TCB 292	17.74	*	no	*								
55 PCB 61/70/74/76	290	17.98	2587	0.74	6085	0.007349			0.001	42	no	1.318	-
	TCB 292	17.99	3497	yes						19			
56 PCB 66	290	18.20	2000	0.85	4358	0.005012			0.001	39	no	1.384	-
	TCB 292	18.22	2358	yes						19			
57 PCB 55	290	NotFnd	*	*	*				0.001	no	1.246	-	
	TCB 292	18.35	*	no	*								
58 PCB 56	290	NotFnd	*	*	*				0.001	no	1.266	-	
	TCB 292	18.69	*	no	*								
59 PCB 60	290	NotFnd	*	*	*				0.001	no	1.277	-	
	TCB 292	18.85	*	no	*								
60 PCB 80	290	NotFnd	*	*	*				0.001	no	1.5	-	
	TCB 292	19.08	*	no	*								
61 PCB 79	290	NotFnd	*	*	*				0.001	no	1.544	-	
	TCB 292	20.22	*	no	*								
62 PCB 78	290	NotFnd	*	*	*				0.001	no	1.394	-	
	TCB 292	20.66	*	no	*								
63 PCB 81	290	NotFnd	*	*	*				0.001	no	1.02	-	
	TCB 292	20.99	*	no	*								
64 PCB 77	290	NotFnd	*	*	*				0.001	no	1.016	-	
	TCB 292	21.43	*	no	*								
65 PCB 104	326	NotFnd	*	*	*				0	no	1.194	-	
	PeCB 328	15.62	*	no	*								
66 PCB 96	326	NotFnd	*	*	*				0	no	0.819	-	
	PeCB 328	15.84	*	no	*								
67 PCB 103	326	NotFnd	*	*	*				0.001	no	0.834	-	
	PeCB 328	16.96	*	no	*								
68 PCB 94	326	NotFnd	*	*	*				0.002	no	0.668	-	
	PeCB 328	17.10	*	no	*								
69 PCB 95	326	17.39	2446	1.5	4082	0.007725			0.001	43	no	0.789	-
	PeCB 328	17.38	1636	yes						11			
70 PCB 100/93/102/98	326	NotFnd	*	*	*				0.001	no	0.724	-	
	PeCB 328	17.52	*	no	*								
71 PCB 88/91	326	NotFnd	*	*	*				0.001	no	0.739	-	
	PeCB 328	17.93	*	no	*								
72 PCB 84	326	NotFnd	*	*	*				0.002	no	0.66	-	
	PeCB 328	18.10	*	no	*								
73 PCB 89	326	NotFnd	*	*	*				0.001	no	0.717	-	
	PeCB 328	18.43	*	no	*								
74 PCB 121	326	NotFnd	*	*	*				0.001	no	0.972	-	
	PeCB 328	18.68	*	no	*								
75 PCB 92	326	NotFnd	*	*	*				0.001	no	0.75	-	
	PeCB 328	18.94	*	no	*								
76 PCB 113/90/101	326	19.40	4505	1.36	7820	0.013658			0.001	77	no	0.856	-
	PeCB 328	19.36	3316	yes						21			
77 PCB 83/99	326	19.81	3200	1.43	5435	0.010611			0.001	53	no	0.765	-
	PeCB 328	19.81	2235	yes						15			
78 PCB 112	326	NotFnd	*	*	*				0.001	no	0.907	-	
	PeCB 328	19.89	*	no	*								
79 PCB 109/119/86/97/125/1	326	20.21	2168	1.52	3597	0.006148			0.001	26	no	0.874	-
	PeCB 328	20.19	1429	yes						5			
80 PCB 117/116/85	326	20.89	5843	1.84	9020	0.014783			0.001	77	no	0.912	-
	PeCB 328	20.74	3177	no						21			
81 PCB 110/115	326	NotFnd	*	*	*				0.001	no	0.93	-	
	PeCB 328	20.86	*	no	*								
82 PCB 82	326	NotFnd	*	*	*				0.002	no	0.681	-	
	PeCB 328	21.13	*	no	*								
83 PCB 111	326	NotFnd	*	*	*				0.001	no	1.022	-	
	PeCB 328	21.42	*	no	*								
84 PCB 120	326	NotFnd	*	*	*				0.001	no	1.091	-	
	PeCB 328	21.78	*	no	*								
85 PCB 108/124	326	NotFnd	*	*	*				0	no	1.201	-	
	PeCB 328	22.76	*	no	*								
86 PCB 107	326	NotFnd	*	*	*				0	no	1.375	-	
	PeCB 328	22.97	*	no	*								
87 PCB 123	326	NotFnd	*	*	*				0.001	no	0.921	-	
	PeCB 328	23.06	*	no	*								
88 PCB 106	326	NotFnd	*	*	*				0	no	1.282	-	
	PeCB 328	23.17	*	no	*								
89 PCB 118	326	23.33	5614	1.4	9612	0.01245			0	133	no	1.028	-
	PeCB 328	23.31	3998	yes						55			
90 PCB 122	326	NotFnd	*	*	*				0	no	1.158	-	
	PeCB 328	23.62	*	no	*								
91 PCB 114	328	NotFnd	*	*	*				0.001	no	1.023	-	
	PeCB 328	23.80	*	no	*								
92 PCB 105	326	24.37	1921	1.02	3807	0.004986			0.001	53	no	1.024	-
	PeCB 328	24.36	1885	no						19			
93 PCB 127	326	NotFnd	*	*	*				0	no	1.256	-	
	PeCB 328	25.68	*	no	*								
94 PCB 126	326	NotFnd	*	*	*				0.001	no	1.093	-	
	PeCB 328	27.20	*	no	*								

95 PCB 155	360	NotFnd	*	*	*	0	no	1.103	-
	HxCB 362	19.24	*	no	*				
96 PCB 152	360	NotFnd	*	*	*	0	no	0.849	-
	HxCB 362	19.38	*	no	*				
97 PCB 150	360	NotFnd	*	*	*	0	no	0.77	-
	HxCB 362	19.51	*	no	*				
98 PCB 136	380	NotFnd	*	*	*	0	no	0.816	-
	HxCB 362	19.76	*	no	*				
99 PCB 145	360	NotFnd	*	*	*	0	no	0.755	-
	HxCB 362	20.01	*	no	*				
100 PCB 148	360	NotFnd	*	*	*	0.001	no	0.617	-
	HxCB 362	21.11	*	no	*				
101 PCB 151/135	360	NotFnd	*	*	*	0.001	no	0.6	-
	HxCB 362	21.59	*	no	*				
102 PCB 154	360	NotFnd	*	*	*	0.001	no	0.691	-
	HxCB 362	21.80	*	no	*				
103 PCB 144	360	NotFnd	*	*	*	0.001	no	0.618	-
	HxCB 362	22.05	*	no	*				
104 PCB 147/149	360	NotFnd	*	*	*	0.001	no	0.809	-
	HxCB 362	22.34	*	no	*				
105 PCB 134/143	360	NotFnd	*	*	*	0.002	no	0.689	-
	HxCB 362	22.59	*	no	*				
106 PCB 139/140	360	NotFnd	*	*	*	0.001	no	0.804	-
	HxCB 362	22.86	*	no	*				
107 PCB 131	360	NotFnd	*	*	*	0.002	no	0.649	-
	HxCB 362	23.03	*	no	*				
108 PCB 142	360	NotFnd	*	*	*	0.002	no	0.718	-
	HxCB 362	23.16	*	no	*				
109 PCB 132	360	NotFnd	*	*	*	0.002	no	0.7	-
	HxCB 362	23.41	*	no	*				
110 PCB 133	360	NotFnd	*	*	*	0.001	no	0.786	-
	HxCB 362	23.84	*	no	*				
111 PCB 165	360	NotFnd	*	*	*	0.001	no	0.992	-
	HxCB 362	24.21	*	no	*				
112 PCB 146	360	NotFnd	*	*	*	0.001	no	0.895	-
	HxCB 362	24.41	*	no	*				
113 PCB 161	360	NotFnd	*	*	*	0.001	no	1.015	-
	HxCB 362	24.53	*	no	*				
114 PCB 153/168	360	24.98	8345	1.12	15806	0.001	130	no	0.993
	HxCB 362	24.99	7461	yes	*		69	no	0.784
115 PCB 141	360	NotFnd	*	*	*	0.001	no	0.784	-
	HxCB 362	25.14	*	no	*				
116 PCB 130	360	NotFnd	*	*	*	0.002	no	0.716	-
	HxCB 362	25.51	*	no	*				
117 PCB 137	360	NotFnd	*	*	*	0.002	no	0.675	-
	HxCB 362	25.75	*	no	*				
118 PCB 164	360	NotFnd	*	*	*	0.001	no	1.109	-
	HxCB 362	25.83	*	no	*				
119 PCB 138/163/129	360	26.12	7716	1.44	13062	0.001	114	no	0.847
	HxCB 362	26.15	5346	no	*		43	no	0.943
120 PCB 160	360	NotFnd	*	*	*	0.001	no	0.943	-
	HxCB 362	26.30	*	no	*				
121 PCB 158	360	NotFnd	*	*	*	0.001	no	1.103	-
	HxCB 362	26.47	*	no	*				
122 PCB 128/166	360	NotFnd	*	*	*	0.001	no	0.934	-
	HxCB 362	27.31	*	no	*				
123 PCB 159	360	NotFnd	*	*	*	0	no	1.254	-
	HxCB 362	28.27	*	no	*				
124 PCB 162	360	NotFnd	*	*	*	0	no	1.204	-
	HxCB 362	28.53	*	no	*				
125 PCB 167	360	NotFnd	*	*	*	0	no	1.103	-
	HxCB 362	29.02	*	no	*				
126 PCB 156/157	360	NotFnd	*	*	*	0	no	1.047	-
	HxCB 362	30.18	*	no	*				
127 PCB 169	360	NotFnd	*	*	*	0.001	no	1.04	-
	HxCB 362	33.56	*	no	*				
128 PCB 188	394	NotFnd	*	*	*	0	no	1.069	-
	HpCB 396	23.79	*	no	*				
129 PCB 179	394	NotFnd	*	*	*	0	no	1.122	-
	HpCB 396	24.07	*	no	*				
130 PCB 184	394	NotFnd	*	*	*	0	no	1.054	-
	HpCB 396	24.55	*	no	*				
131 PCB 176	394	NotFnd	*	*	*	0	no	1.032	-
	HpCB 396	24.86	*	no	*				
132 PCB 186	394	NotFnd	*	*	*	0	no	0.965	-
	HpCB 396	25.28	*	no	*				
133 PCB 178	394	NotFnd	*	*	*	0.001	no	0.77	-
	HpCB 396	26.54	*	no	*				
134 PCB 175	394	NotFnd	*	*	*	0.001	no	0.803	-
	HpCB 396	27.14	*	no	*				
135 PCB 187	394	27.38	2282	1.06	4429	0.001	50	no	0.814
	HpCB 396	27.37	2147	yes	*		62	no	0.797
136 PCB 182	394	NotFnd	*	*	*	0.001	no	0.797	-
	HpCB 396	27.59	*	no	*				
137 PCB 183	394	NotFnd	*	*	*	0.001	no	1.01	-
	HpCB 396	27.99	*	no	*				
138 PCB 185	394	NotFnd	*	*	*	0.001	no	0.813	-
	HpCB 396	28.08	*	no	*				
139 PCB 174	394	NotFnd	*	*	*	0.001	no	0.901	-
	HpCB 396	28.24	*	no	*				
140 PCB 177	394	NotFnd	*	*	*	0.001	no	0.876	-
	HpCB 396	28.65	*	no	*				
141 PCB 181	394	NotFnd	*	*	*	0.001	no	0.887	-
	HpCB 396	29.06	*	no	*				
142 PCB 171/173	394	NotFnd	*	*	*	0.001	no	0.854	-
	HpCB 396	29.28	*	no	*				
143 PCB 172	394	NotFnd	*	*	*	0.001	no	0.869	-
	HpCB 396	30.93	*	no	*				
144 PCB 192	394	NotFnd	*	*	*	0.001	no	1.06	-



194 PCB 111L	338	21.41	85914	1.6	139525	0.210968	0.001	1827	no	1.373	95
PCB Cleanup Standard	340	21.40	53611	yes				528			
195 PCB 178L	406	26.51	39471	1.02	78208	0.216014	0	876	no	0.732	98
PCB Cleanup Standard	408	26.50	38737	yes				3668			
196 PCB 31L	268	NotFnd	*	*	*		0.003		no	1.878	
PCB Audit Standard	270	13.97	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0.001		no	0.916	
PCB Audit Standard	340	17.38	*	no							
198 PCB 153L	372	NotFnd	*	*	*		0.001		no	1.173	
PCB Audit Standard	374	24.96	*	no							
199 PCB 9L	234	10.99	617594	1.64	994291	2.456496	-	948	no	-	-
PCB Recovery Standard	236	11.00	376697	yes				1938			
200 PCB 52L	302	15.05	261987	0.82	581790	2.585239	-	1244	no	-	-
PCB Recovery Standard	304	15.05	319804	yes				3382			
201 PCB 101L	338	19.38	330402	1.63	532648	2.606107	-	7285	no	-	-
PCB Recovery Standard	340	19.36	202246	yes				2081			
202 PCB 138L	372	26.08	304781	1.26	546633	2.623623	-	10428	no	-	-
PCB Recovery Standard	374	26.07	241853	yes				3096			
203 PCB 194L	440	38.65	223431	0.9	470551	2.507716	-	3879	no	-	-
PCB Recovery Standard	442	38.59	247120	yes				4173			

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

*Ochr  
Only*

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

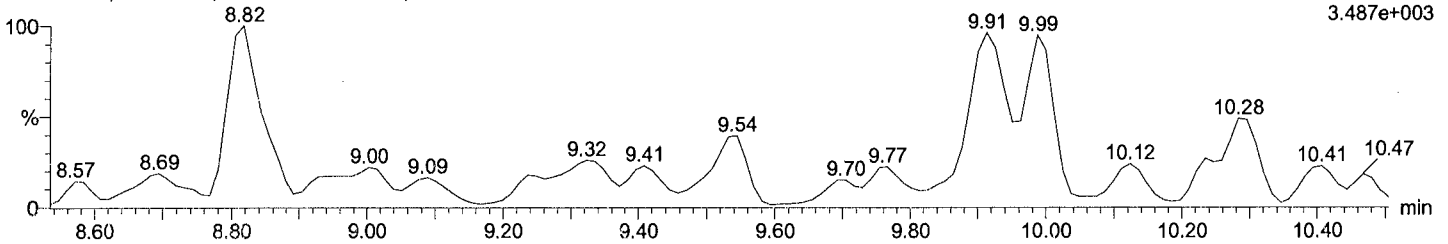
Method: C:\MassLynx\Default.PRO\MethDB\1668A\_PCB209\_M1170609B.mdb 10 Jun 2017 07:47:44  
Calibration: C:\MassLynx\Default.pro\Curvedb\PCB209\_M1170609B.cdb 10 Jun 2017 07:56:47

Description: EIY571-01R, 5x  
Vial: 10  
Date: 10-Jun-2017  
Time: 02:12:44  
Instrument:

**Total MoCB F1**

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

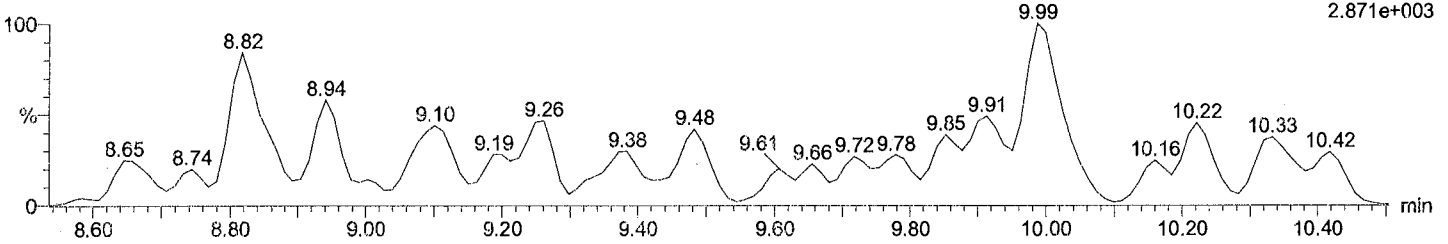
F1:Voltage SIR,EI+  
188.0393  
3.487e+003



**Total MoCB F1**

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F1:Voltage SIR,EI+  
190.0363  
2.871e+003

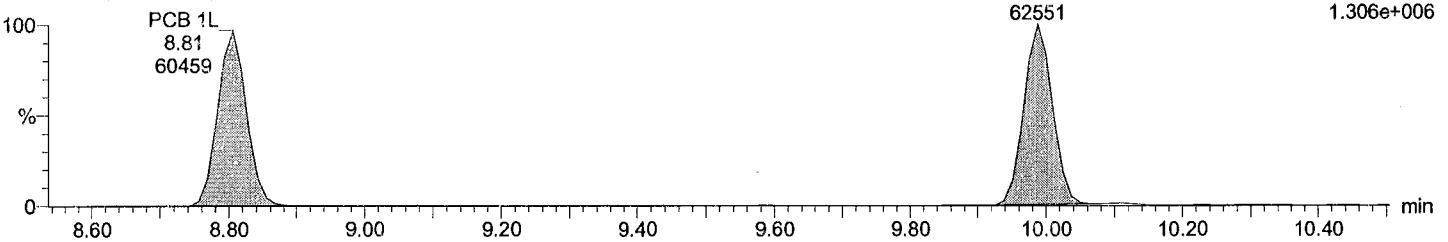


**Total MoCB labeled F1**

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 3L  
9.99  
62551

F1:Voltage SIR,EI+  
200.0795  
1.306e+006

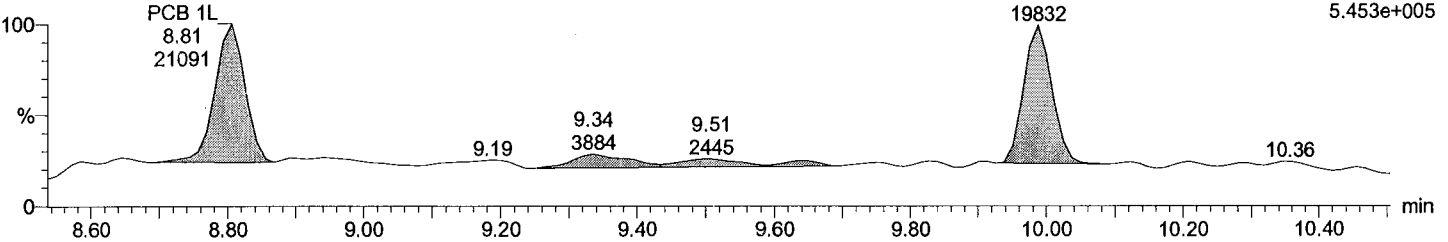


**Total MoCB labeled F1**

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 3L  
9.99  
19832

F1:Voltage SIR,EI+  
202.076  
5.453e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

Vial: 10

Date: 10-Jun-2017

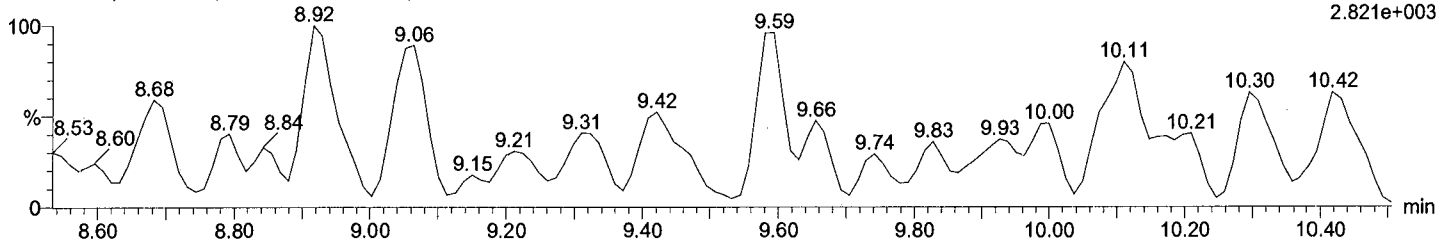
Time: 02:12:44

Instrument:

Total DiCB F1

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

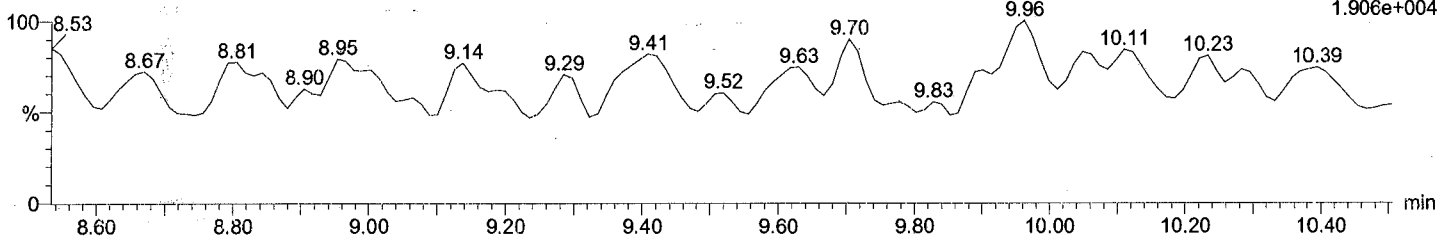
F1:Voltage SIR,EI+  
222.0003  
2.821e+003



Total DiCB F1

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

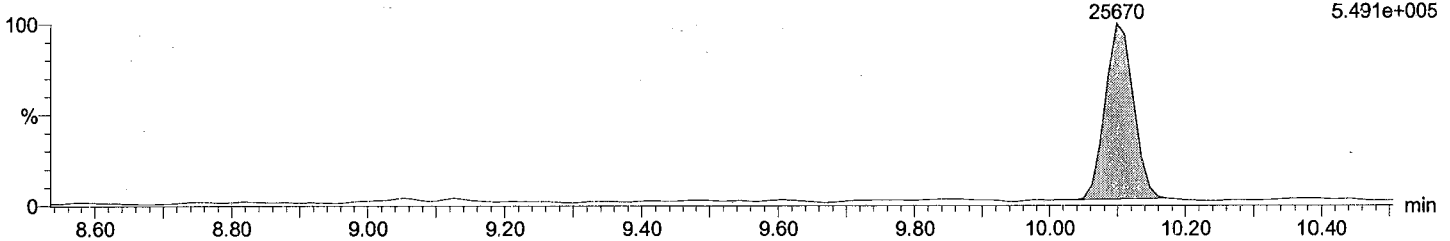
F1:Voltage SIR,EI+  
223.9974  
1.906e+004



Total DiCB labeled F1

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

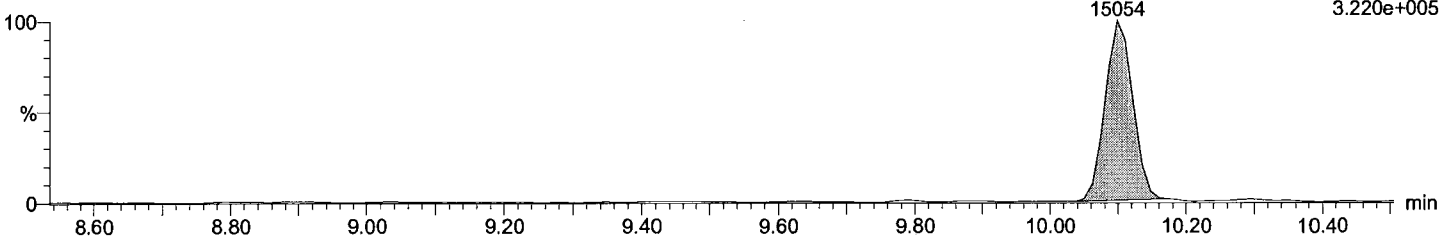
PCB 4L  
10.10  
25670  
F1:Voltage SIR,EI+  
234.0406  
5.491e+005



Total DiCB labeled F1

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 4L  
10.10  
15054  
F1:Voltage SIR,EI+  
236.0376  
3.220e+005



Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

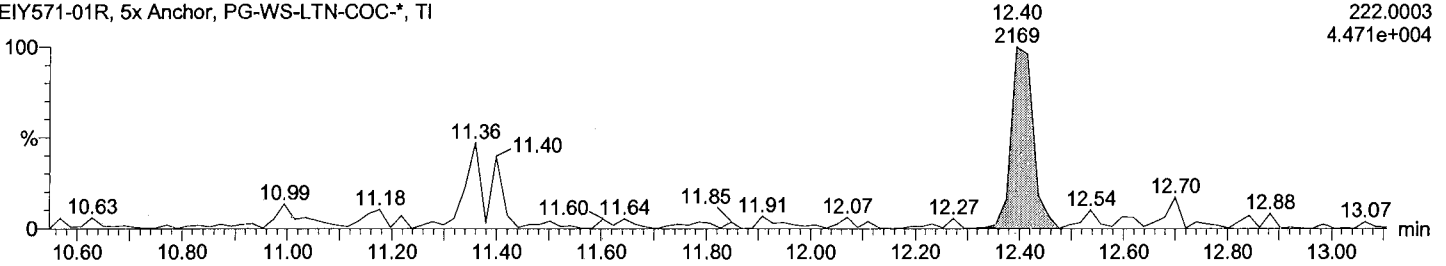
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x  
Vial: 10  
Date: 10-Jun-2017  
Time: 02:12:44  
Instrument:

**Total DiCB F2**

M1170609B10  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

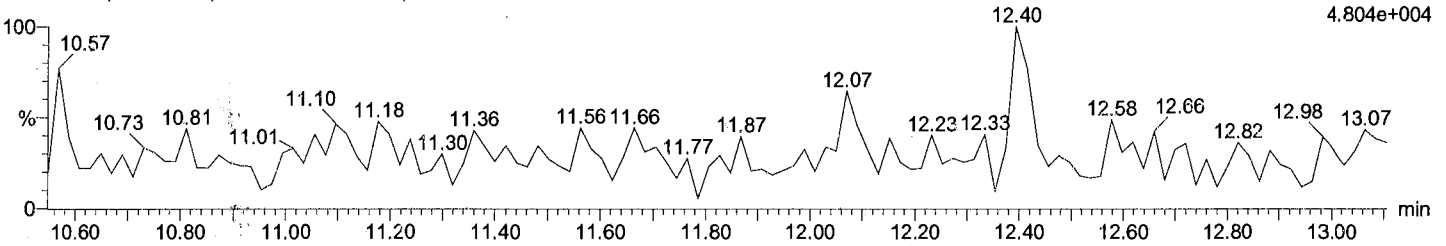
F2:Voltage SIR,EI+  
222.0003  
4.471e+004



**Total DiCB F2**

M1170609B10  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

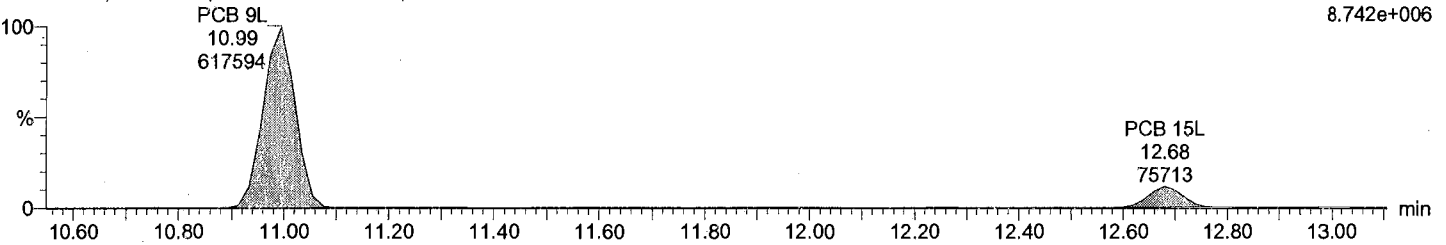
F2:Voltage SIR,EI+  
223.9974  
4.804e+004



**Total DiCB labeled F2**

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

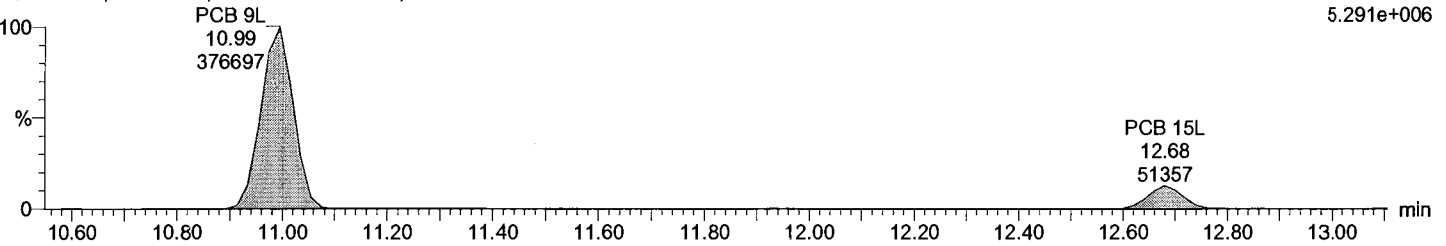
F2:Voltage SIR,EI+  
234.0406  
8.742e+006



**Total DiCB labeled F2**

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
236.0376  
5.291e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

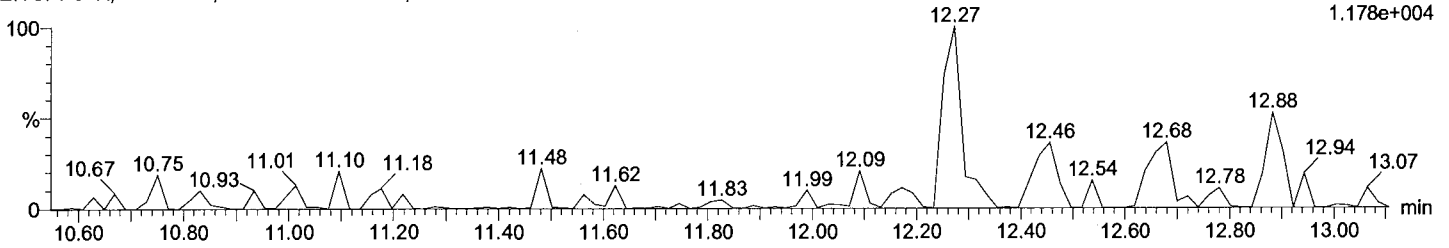
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x  
Vial: 10  
Date: 10-Jun-2017  
Time: 02:12:44  
Instrument:

Total TriCB F2

M1170609B10  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

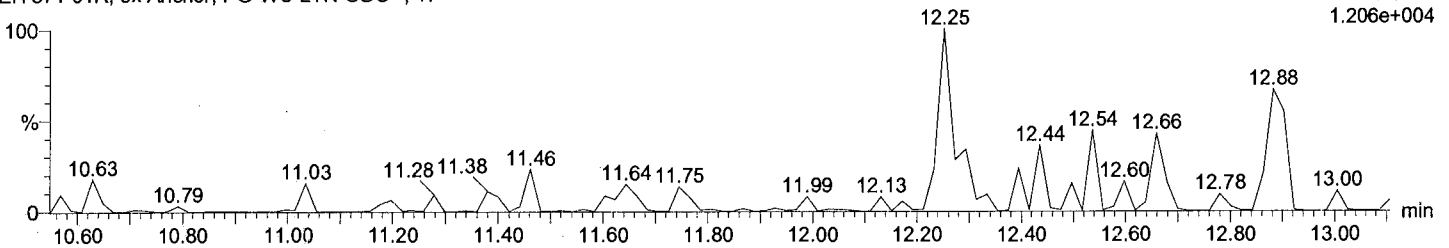
F2:Voltage SIR,EI+  
255.9614  
1.178e+004



Total TriCB F2

M1170609B10  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

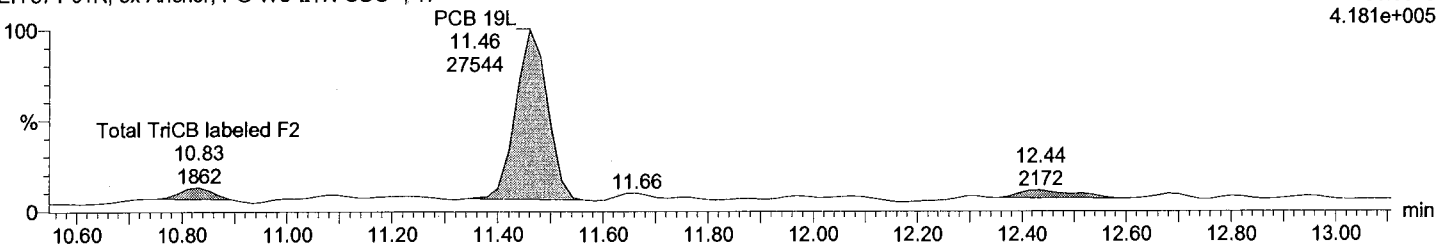
F2:Voltage SIR,EI+  
257.9584  
1.206e+004



Total TriCB labeled F2

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

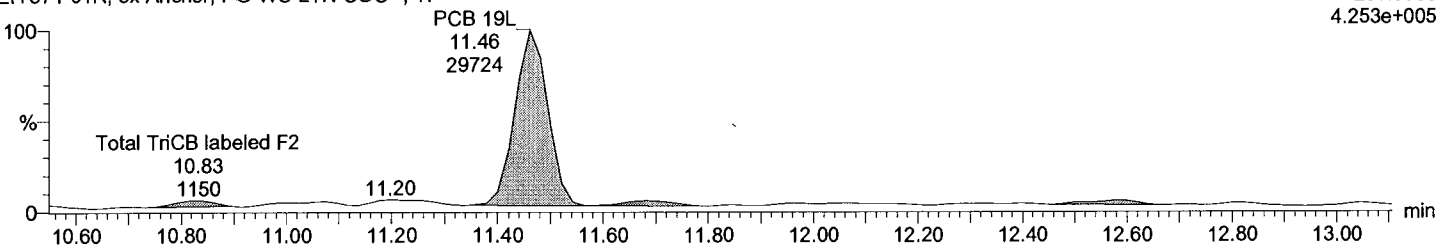
F2:Voltage SIR,EI+  
268.0016  
4.181e+005



Total TriCB labeled F2

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
269.9986  
4.253e+005



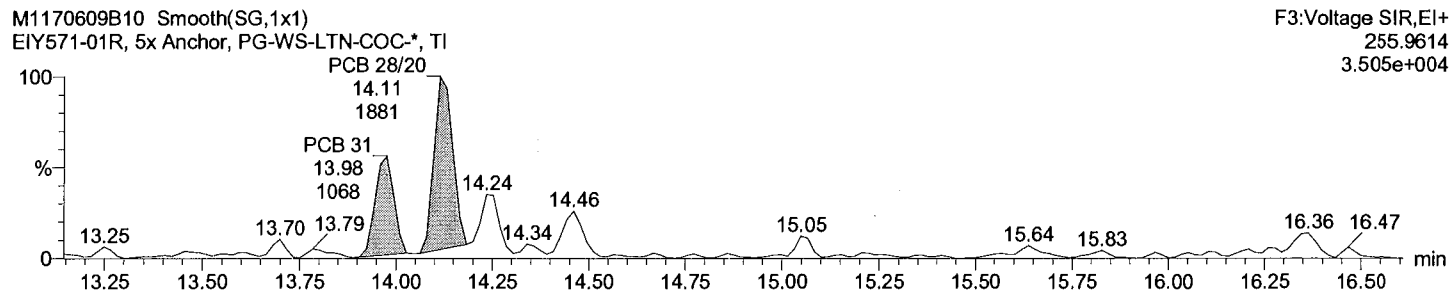


Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

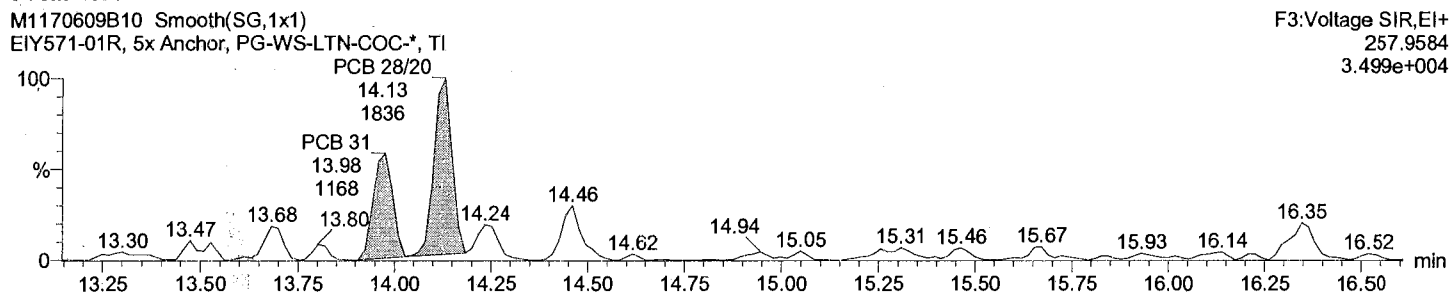
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x  
Vial: 10  
Date: 10-Jun-2017  
Time: 02:12:44  
Instrument:

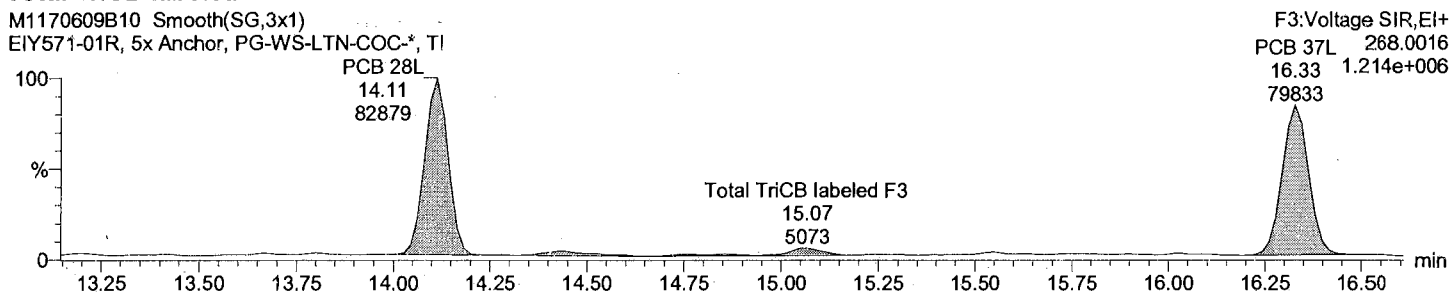
**Total TriCB F3**



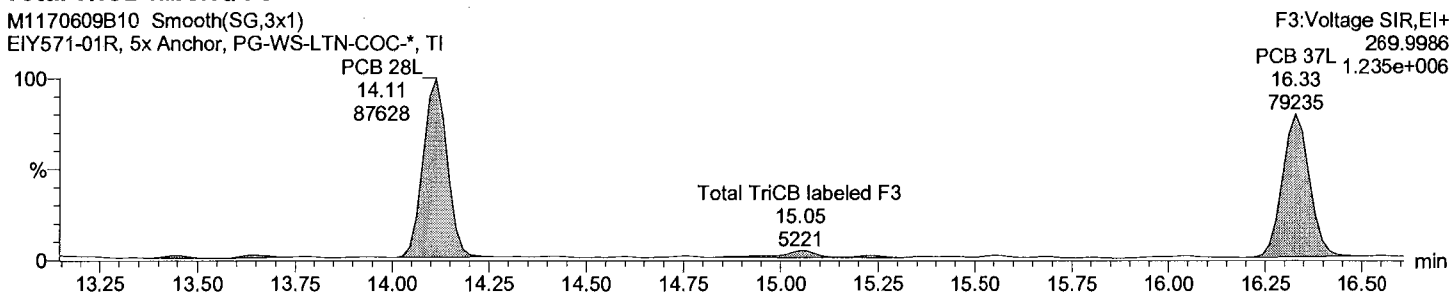
**Total TriCB F3**



**Total TriCB labeled F3**



**Total TriCB labeled F3**



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

Vial: 10

Date: 10-Jun-2017

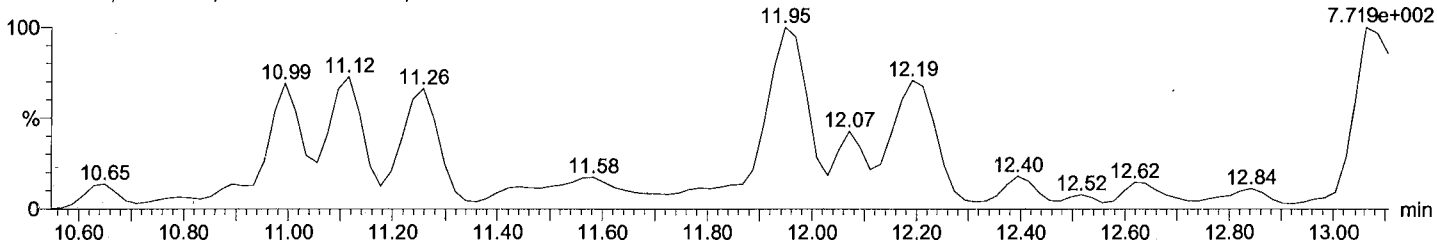
Time: 02:12:44

Instrument:

Total TeCB F2

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

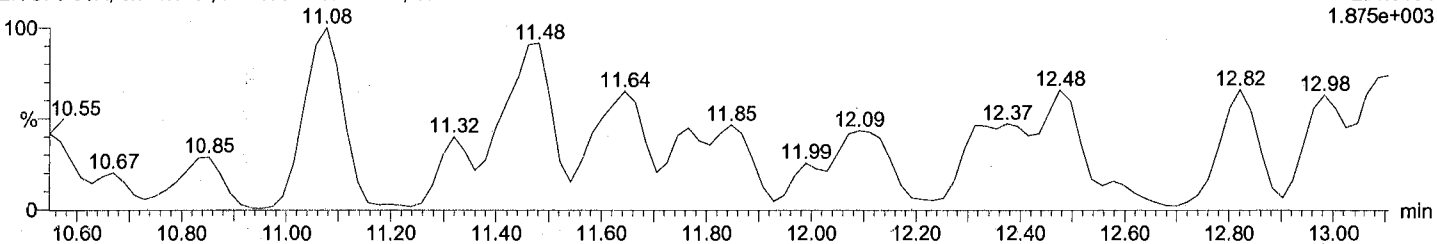
F2:Voltage SIR,EI+  
289.9224  
7.719e+002



Total TeCB F2

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

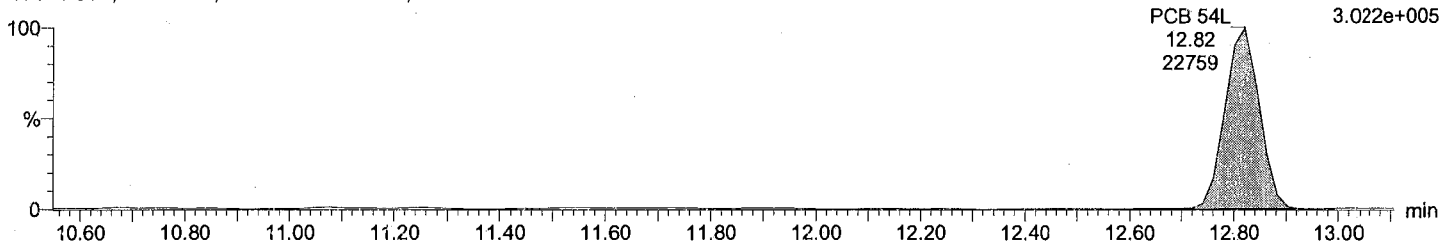
F2:Voltage SIR,EI+  
291.9194  
1.875e+003



Total TeCB labeled F2

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

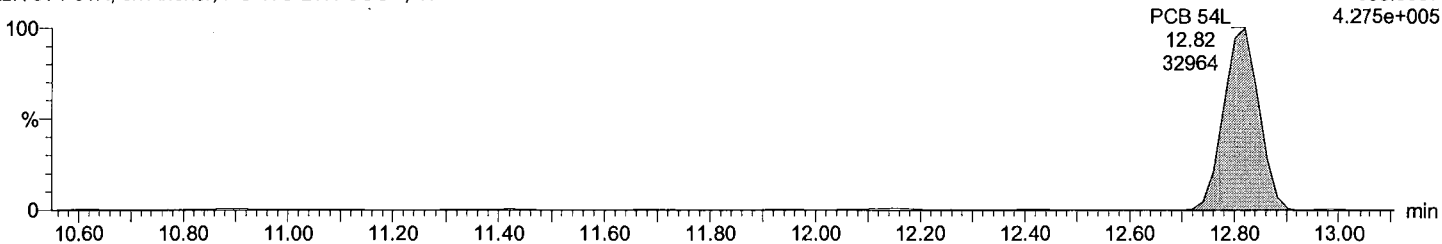
F2:Voltage SIR,EI+  
301.9626  
3.022e+005



Total TeCB labeled F2

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
303.9597  
4.275e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

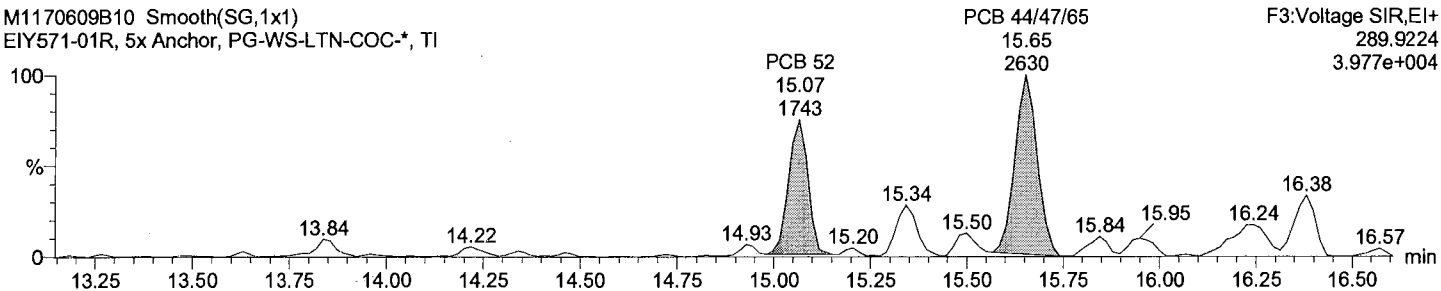
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x  
Vial: 10  
Date: 10-Jun-2017  
Time: 02:12:44  
Instrument:

Total TeCB F3

M1170609B10 Smooth(SG,1x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

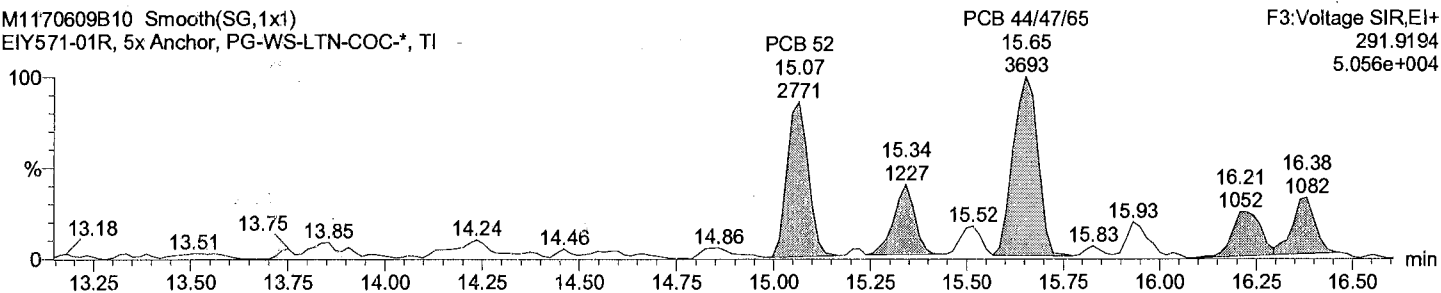
F3:Voltage SIR,EI+  
289.9224  
3.977e+004



Total TeCB F3

M1170609B10 Smooth(SG,1x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

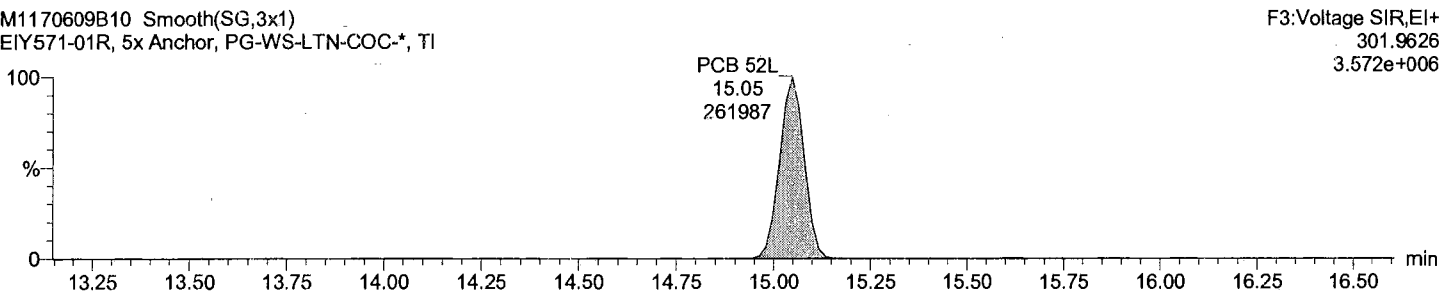
F3:Voltage SIR,EI+  
291.9194  
5.056e+004



Total TeCB labeled F3

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

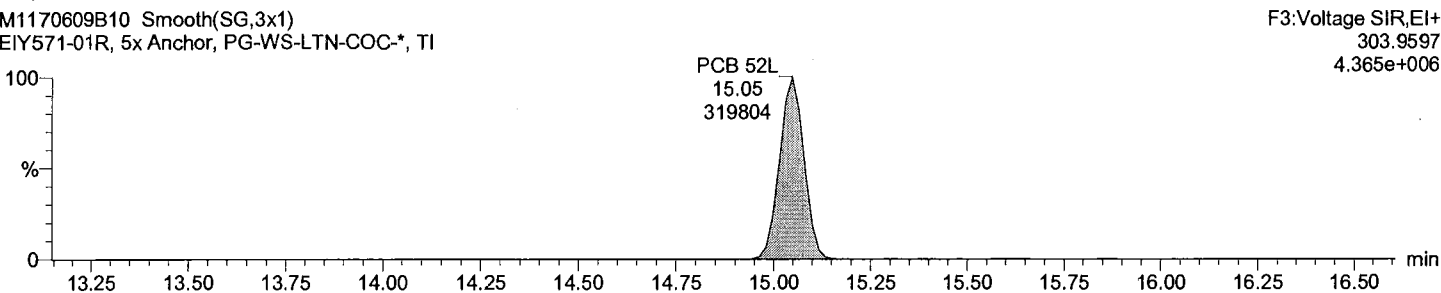
F3:Voltage SIR,EI+  
301.9626  
3.572e+006



Total TeCB labeled F3

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
303.9597  
4.365e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

Vial: 10

Date: 10-Jun-2017

Time: 02:12:44

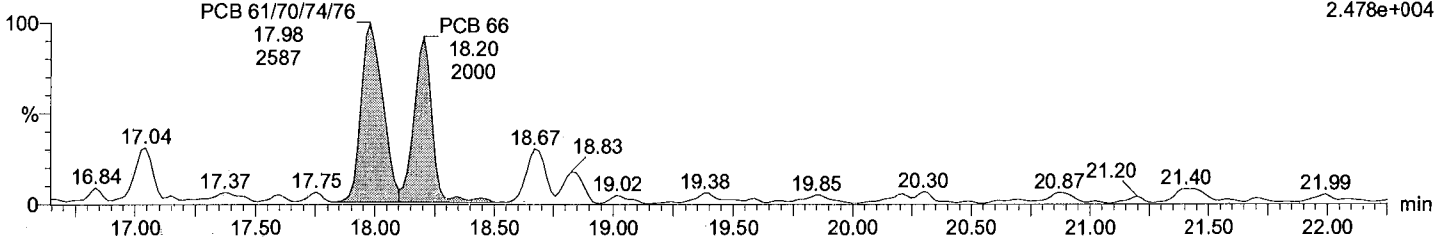
Instrument:

Total TeCB F4

M1170609B10 Smooth(SG,3x1)

EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
289.9224  
2.478e+004

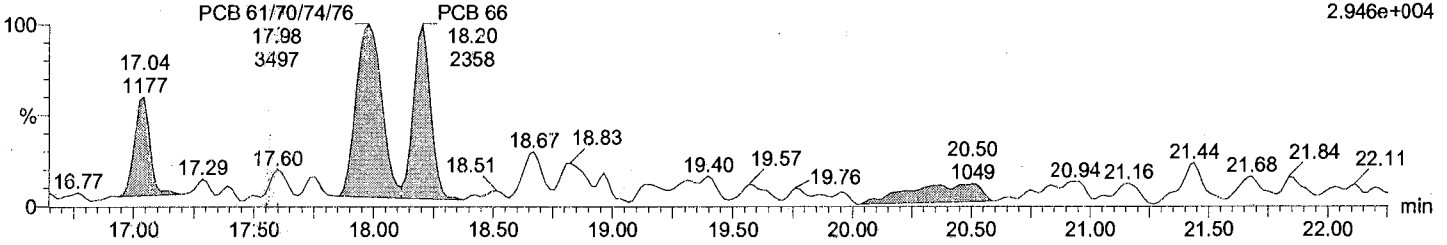


Total TeCB F4

M1170609B10 Smooth(SG,3x1)

EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
291.9194  
2.946e+004

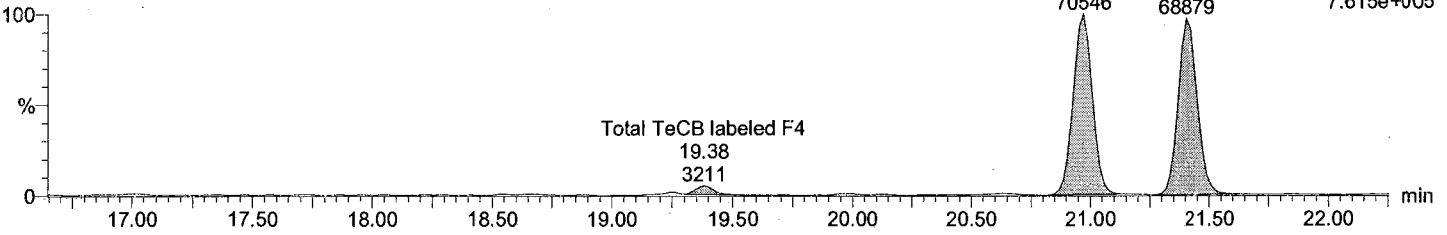


Total TeCB labeled F4

M1170609B10 Smooth(SG,3x1)

EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 81L 20.97 70546  
PCB 77L 21.41 68879  
F4:Voltage SIR,EI+  
301.9626  
7.615e+005

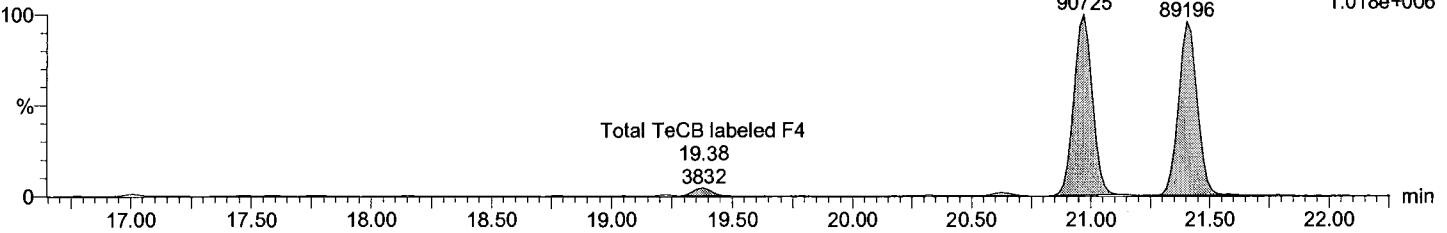


Total TeCB labeled F4

M1170609B10 Smooth(SG,3x1)

EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 81L 20.97 90725  
PCB 77L 21.41 89196  
F4:Voltage SIR,EI+  
303.9597  
1.018e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

Vial: 10

Date: 10-Jun-2017

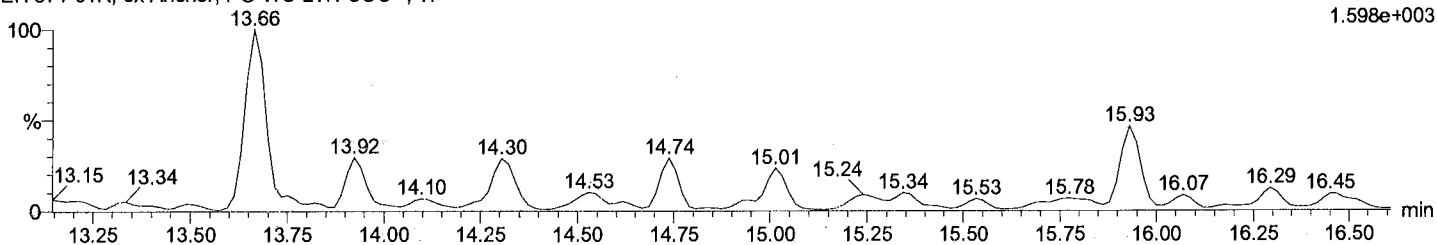
Time: 02:12:44

Instrument:

Total PeCB F3

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

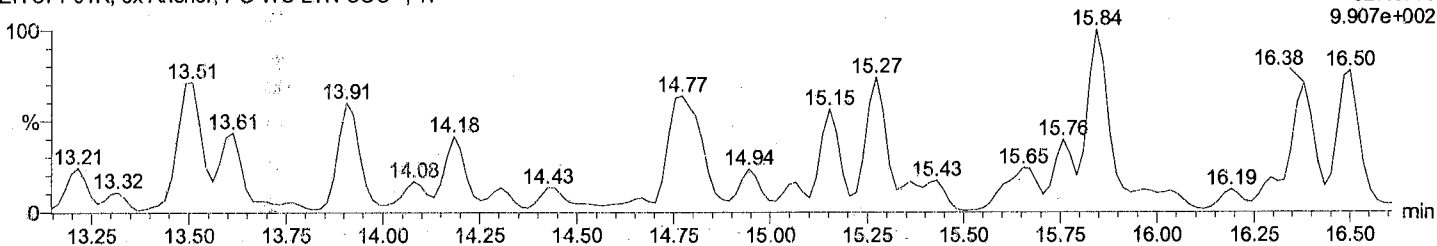
F3:Voltage SIR,EI+  
325.8805  
1.598e+003



Total PeCB F3

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
327.8775  
9.907e+002

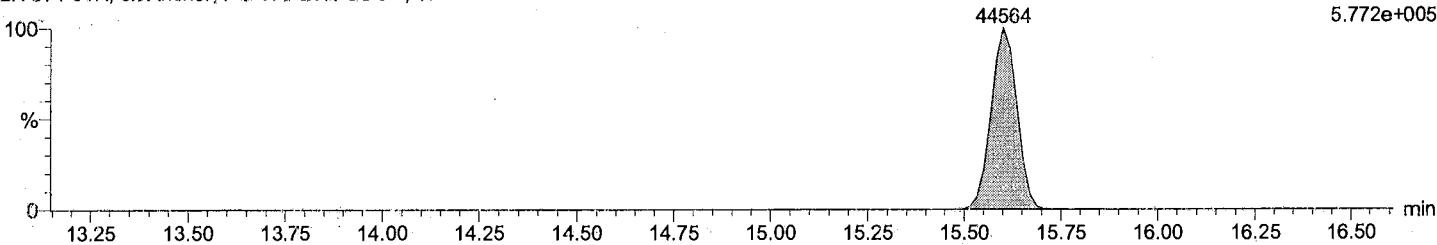


Total PeCB labeled F3

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 104L  
15.60  
44564

F3:Voltage SIR,EI+  
337.9207  
5.772e+005

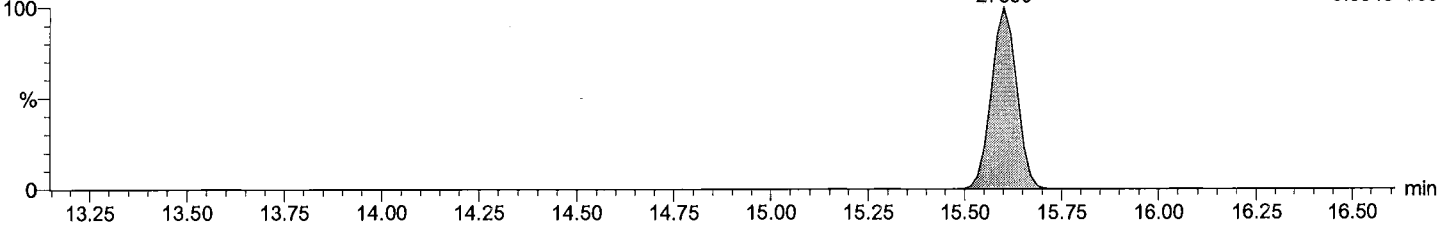


Total PeCB labeled F3

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 104L  
15.60  
27860

F3:Voltage SIR,EI+  
339.9178  
3.664e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

Vial: 10

Date: 10-Jun-2017

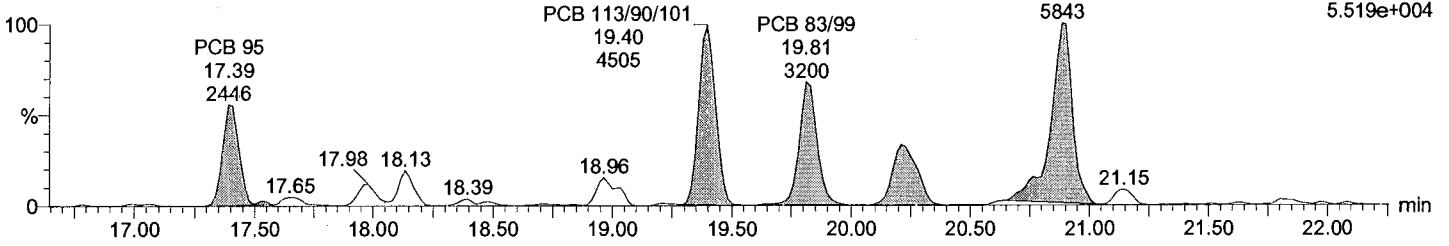
Time: 02:12:44

Instrument:

Total PeCB F4

M1170609B10 Smooth(SG,2x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

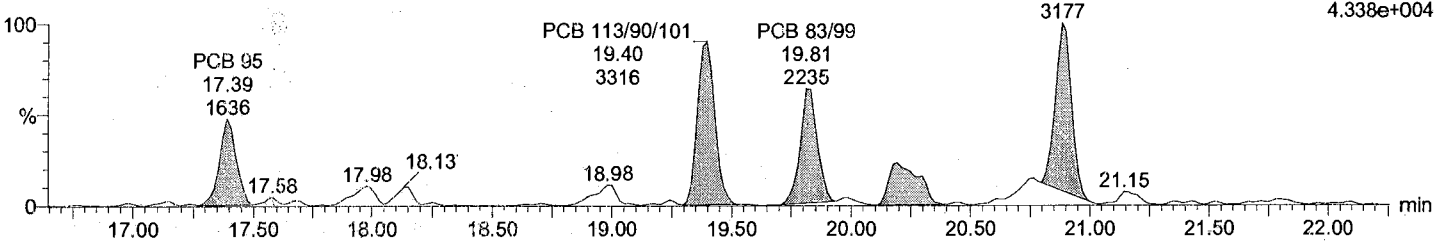
PCB 117/116/85  
20.89  
5843  
F4:Voltage SIR,EI+  
325.8805  
5.519e+004



Total PeCB F4

M1170609B10 Smooth(SG,2x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

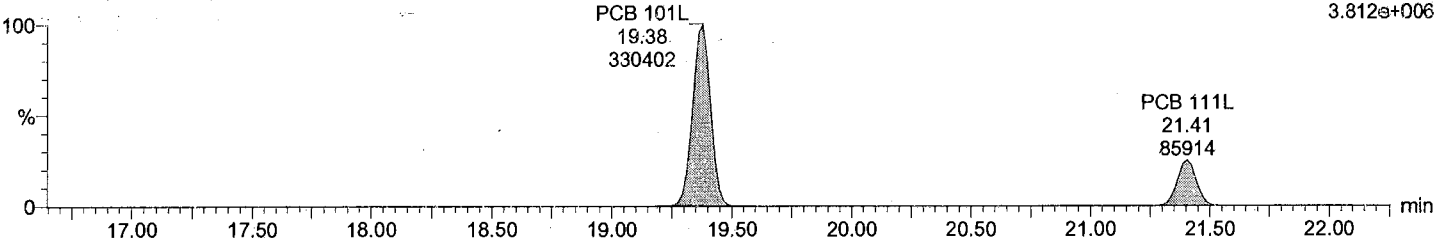
PCB 117/116/85  
20.89  
3177  
F4:Voltage SIR,EI+  
327.8775  
4.338e+004



Total PeCB labeled F4

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

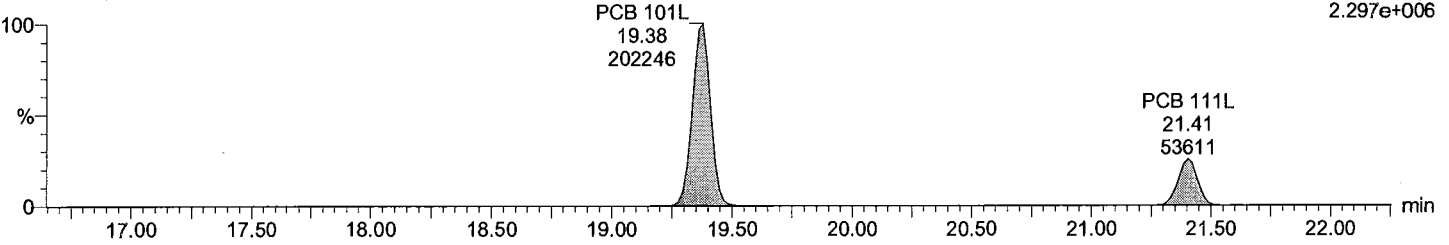
F4:Voltage SIR,EI+  
337.9207  
3.812e+006



Total PeCB labeled F4

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
339.9178  
2.297e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

Vial: 10

Date: 10-Jun-2017

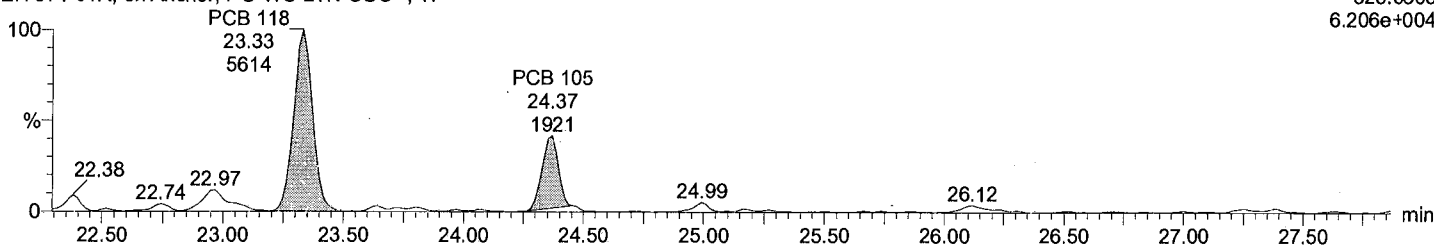
Time: 02:12:44

Instrument:

Total PeCB F5

M1170609B10 Smooth(SG,2x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

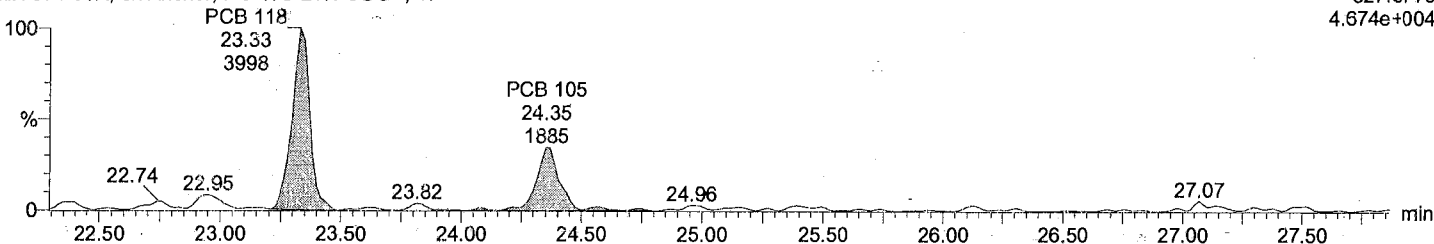
F5:Voltage SIR,EI+  
325.8805  
6.206e+004



Total PeCB F5

M1170609B10 Smooth(SG,2x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

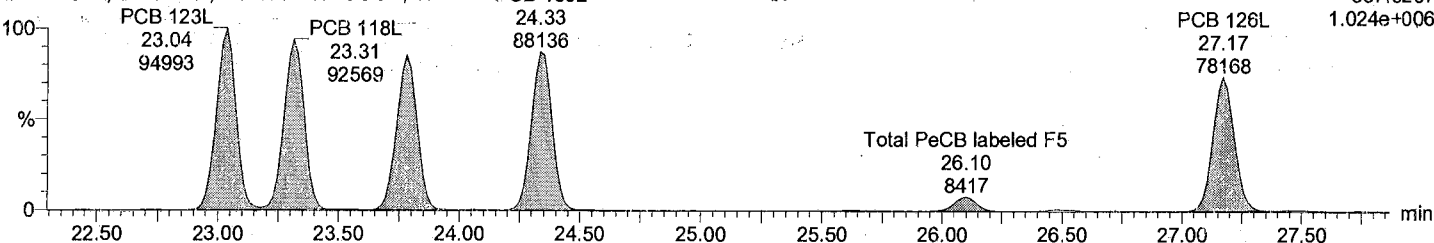
F5:Voltage SIR,EI+  
327.8775  
4.674e+004



Total PeCB labeled F5

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

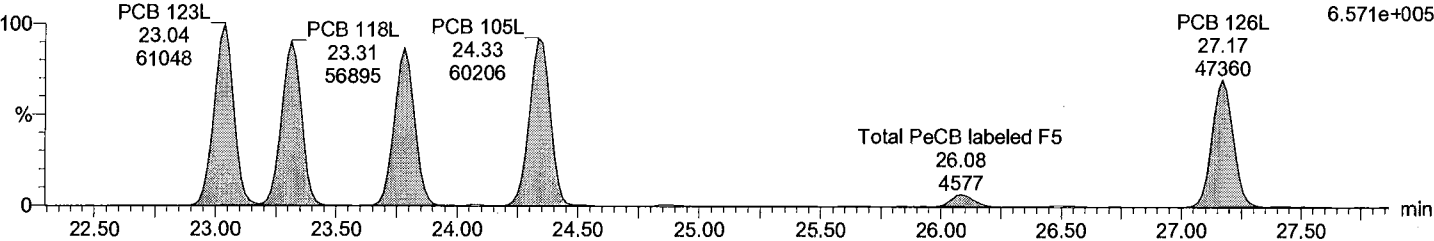
F5:Voltage SIR,EI+  
337.9207  
1.024e+006



Total PeCB labeled F5

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F5:Voltage SIR,EI+  
339.9178  
6.571e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

Vial: 10

Date: 10-Jun-2017

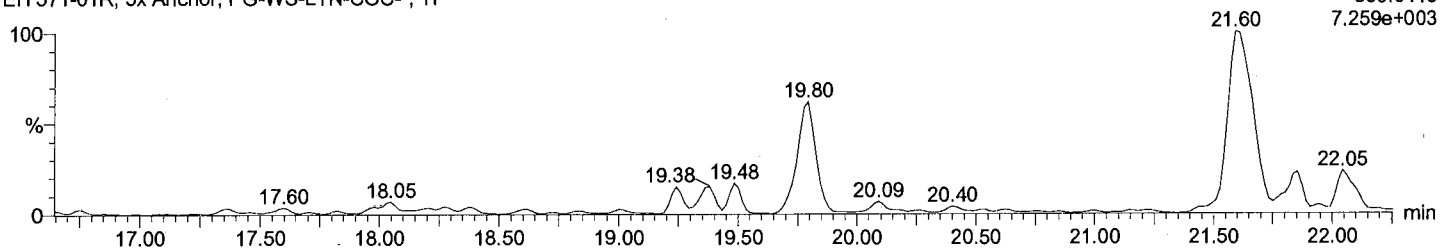
Time: 02:12:44

Instrument:

Total HxCB F4

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

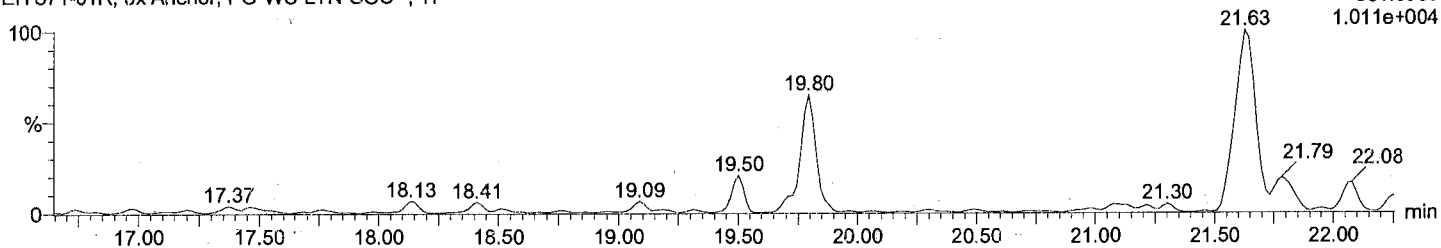
F4:Voltage SIR,EI+  
359.8415  
7.259e+003



Total HxCB F4

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

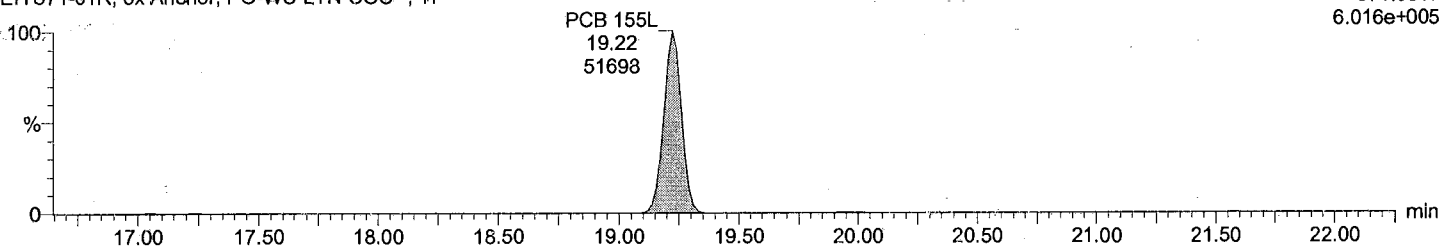
F4:Voltage SIR,EI+  
361.8385  
1.011e+004



Total HxCB labeled F4

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

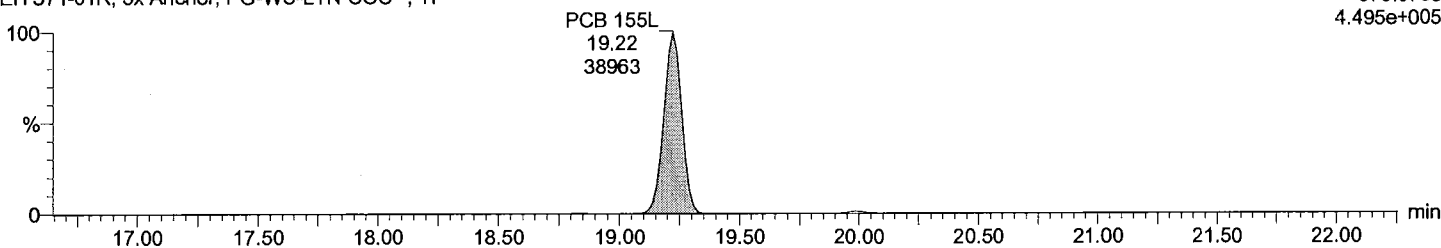
F4:Voltage SIR,EI+  
371.8817  
6.016e+005



Total HxCB labeled F4

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
373.8788  
4.495e+005





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

Vial: 10

Date: 10-Jun-2017

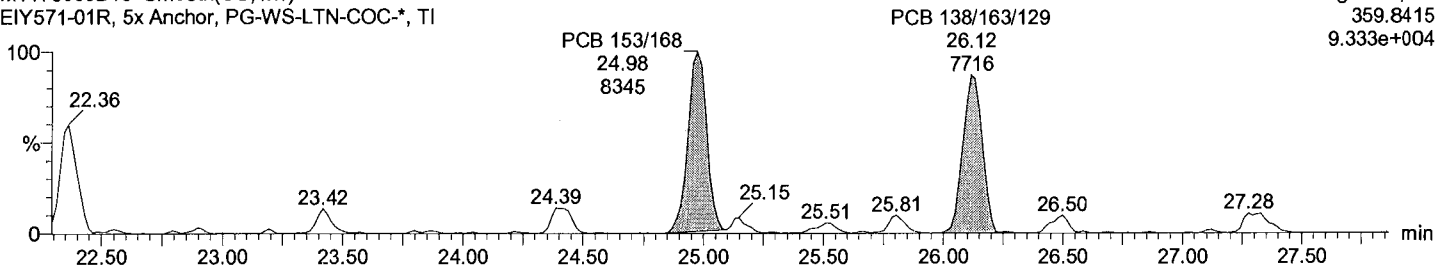
Time: 02:12:44

Instrument:

**Total HxCB F5**

M1170609B10 Smooth(SG,1x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

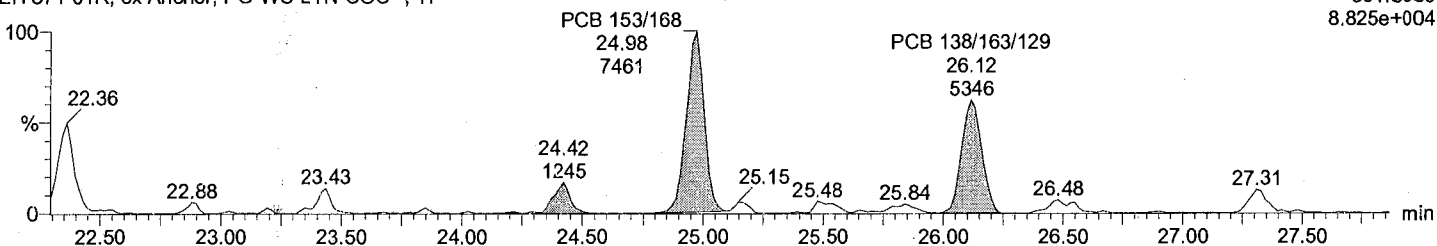
F5:Voltage SIR,EI+  
359.8415  
9.333e+004



**Total HxCB F5**

M1170609B10 Smooth(SG,1x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

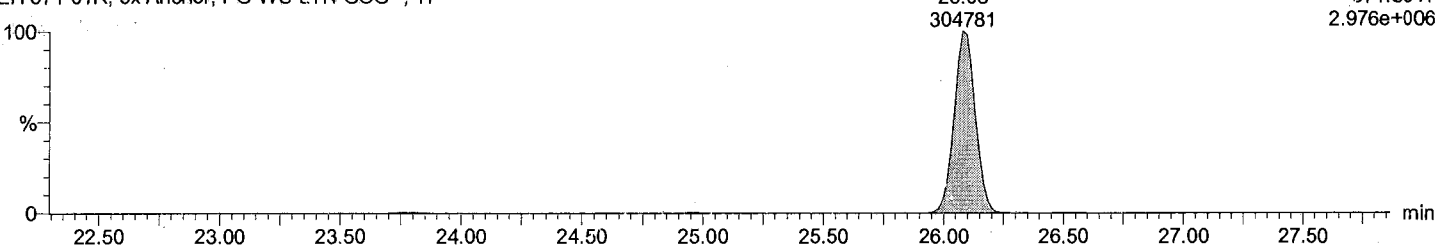
F5:Voltage SIR,EI+  
361.8385  
8.825e+004



**Total HxCB labeled F5**

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

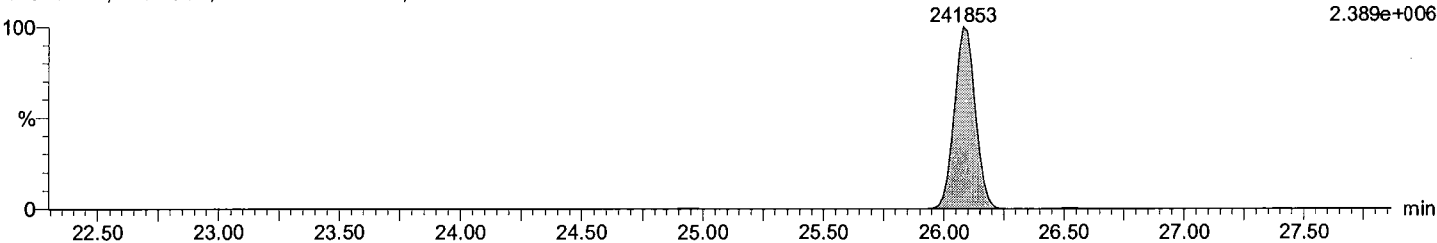
F5:Voltage SIR,EI+  
371.8817  
2.976e+006



**Total HxCB labeled F5**

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F5:Voltage SIR,EI+  
373.8788  
2.389e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

Vial: 10

Date: 10-Jun-2017

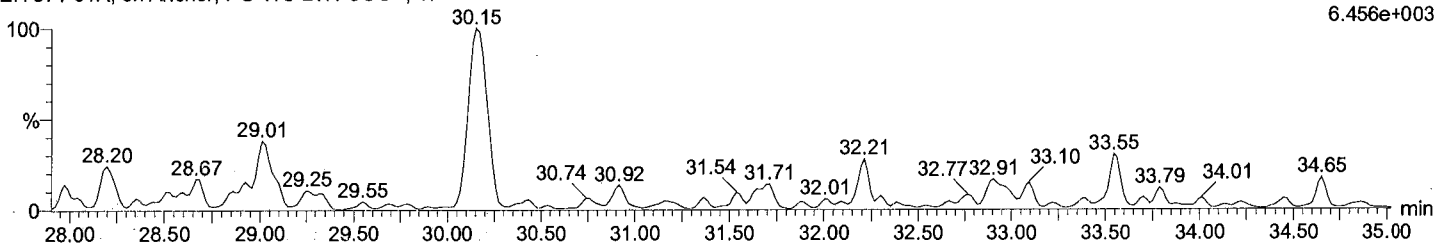
Time: 02:12:44

Instrument:

Total HxCB F6

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

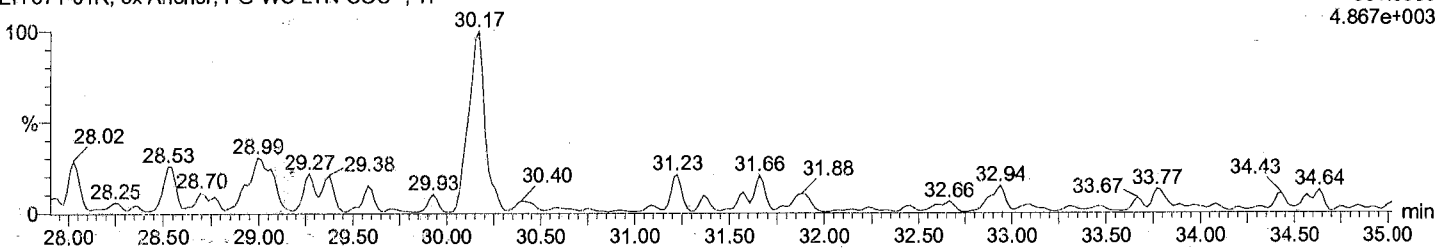
F6:Voltage SIR,EI+  
359.8415  
6.456e+003



Total HxCB F6

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

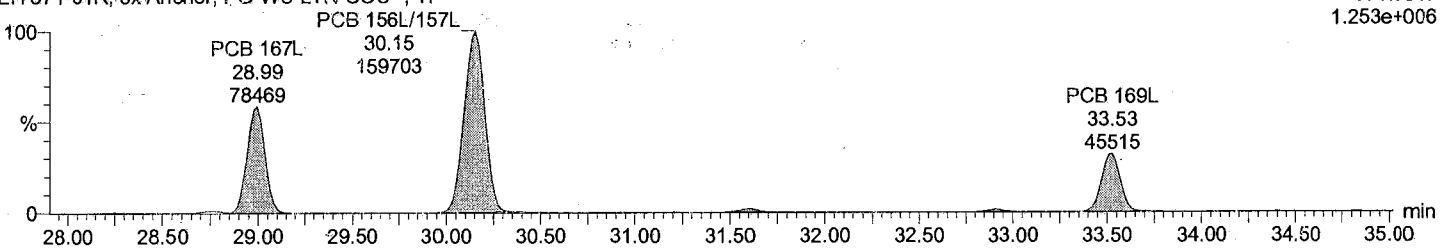
F6:Voltage SIR,EI+  
361.8385  
4.867e+003



Total HxCB labeled F6

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

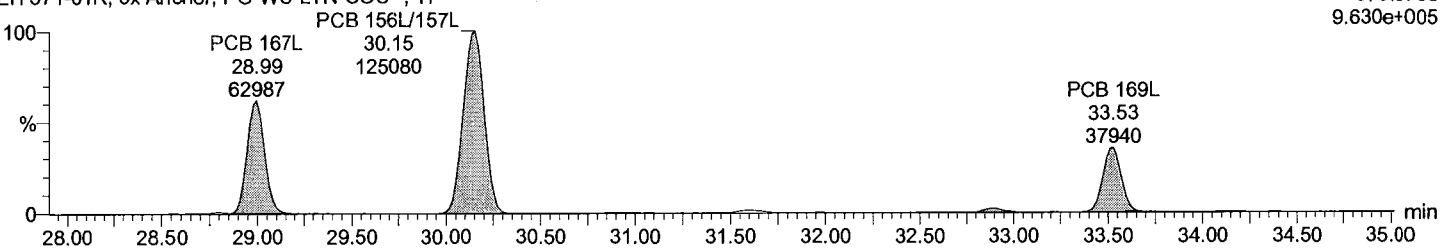
F6:Voltage SIR,EI+  
371.8817  
1.253e+006



Total HxCB labeled F6

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
373.8788  
9.630e+005



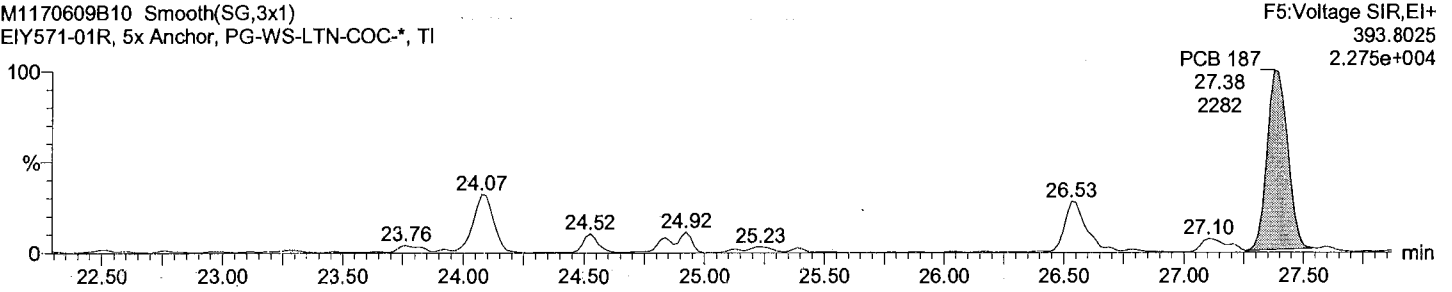
Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x  
Vial: 10  
Date: 10-Jun-2017  
Time: 02:12:44  
Instrument:

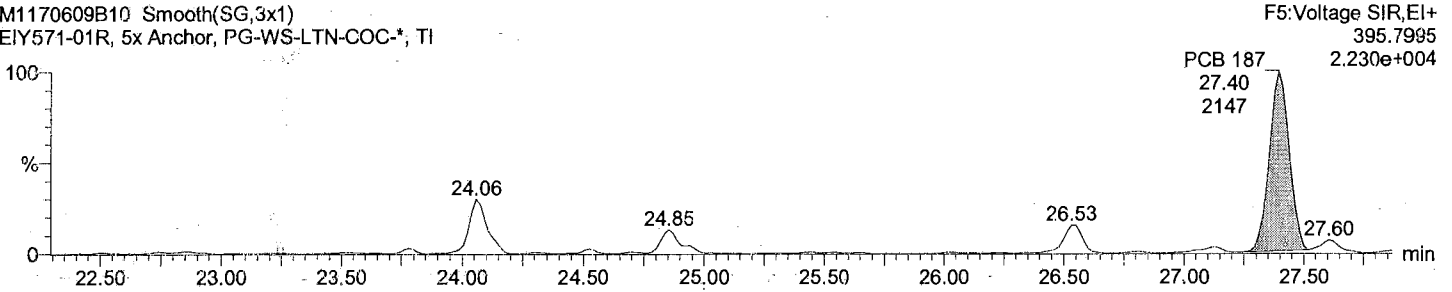
Total HpCB F5

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



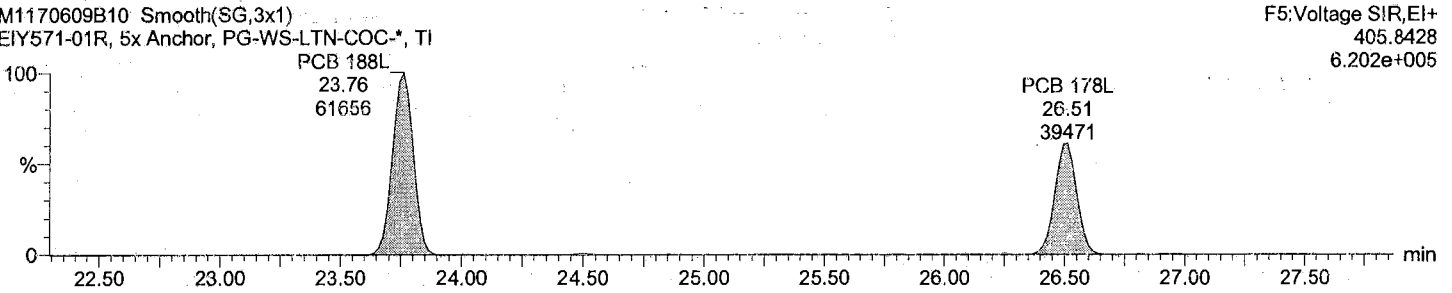
Total HpCB F5

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



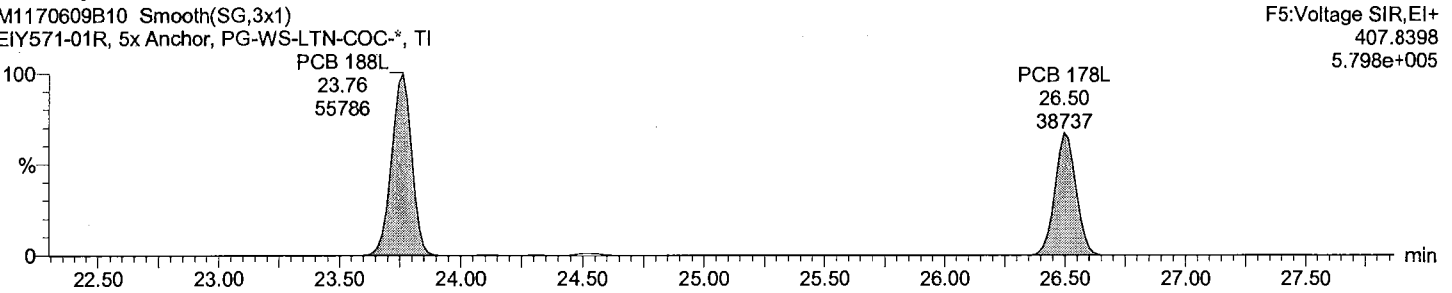
Total HpCB labeled F5

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Total HpCB labeled F5

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

Vial: 10

Date: 10-Jun-2017

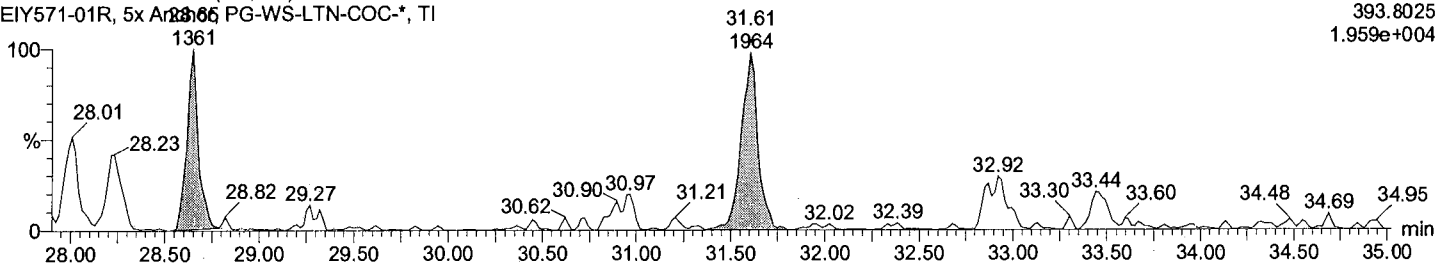
Time: 02:12:44

Instrument:

Total HpCB F6

M1170609B10 Smooth(SG,1x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

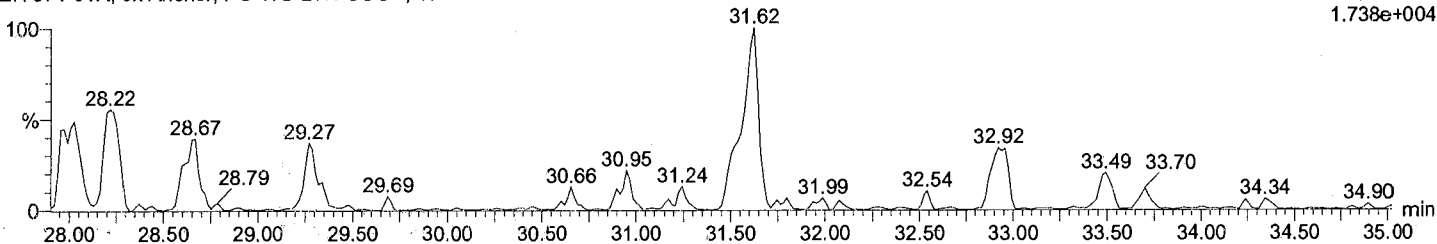
F6:Voltage SIR,EI+  
393.8025  
1.959e+004



Total HpCB F6

M1170609B10 Smooth(SG,1x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

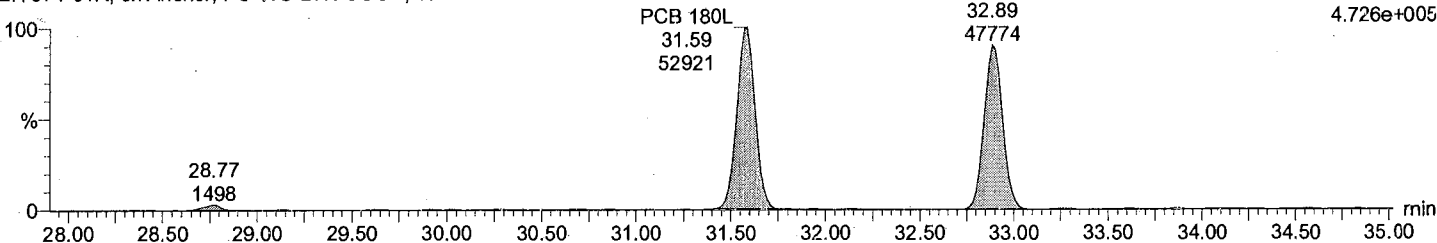
F6:Voltage SIR,EI+  
395.7995  
1.738e+004



Total HpCB labeled F6

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

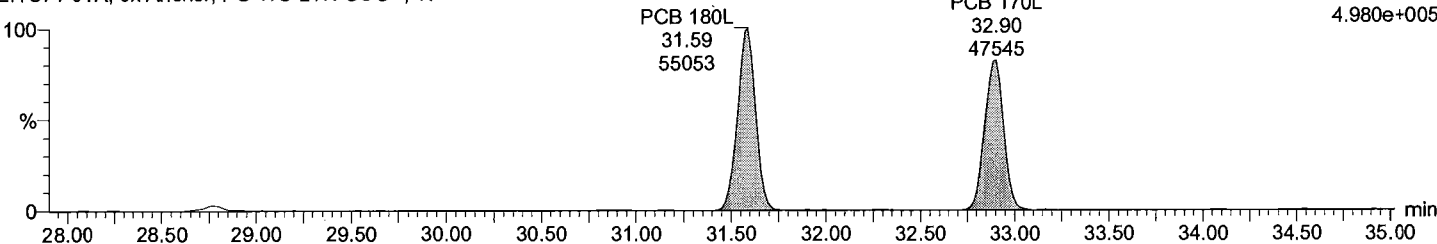
F6:Voltage SIR,EI+  
405.8428  
4.726e+005



Total HpCB labeled F6

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
407.8398  
4.980e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

Vial: 10

Date: 10-Jun-2017

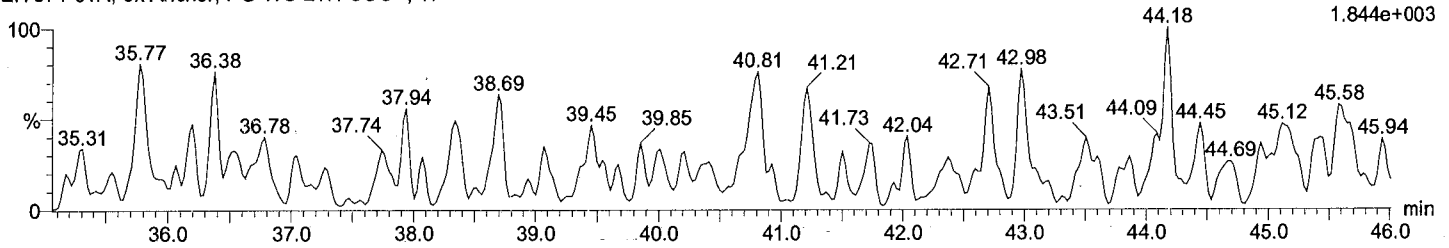
Time: 02:12:44

Instrument:

Total HpCB F7

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

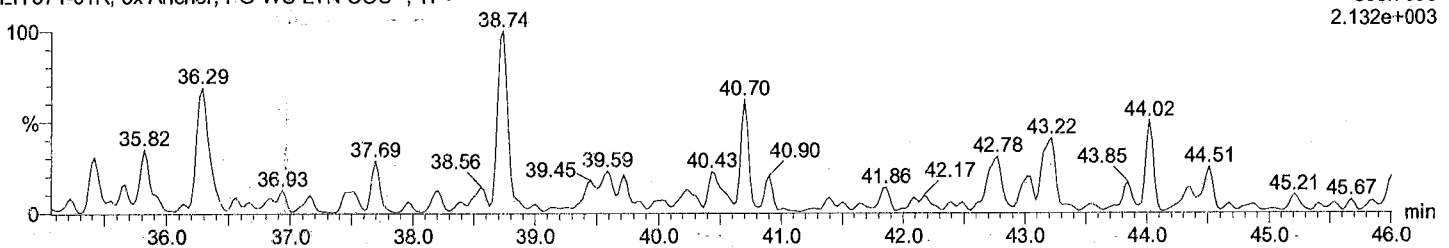
F7:Voltage SIR,EI+  
393.8025  
1.844e+003



Total HpCB F7

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

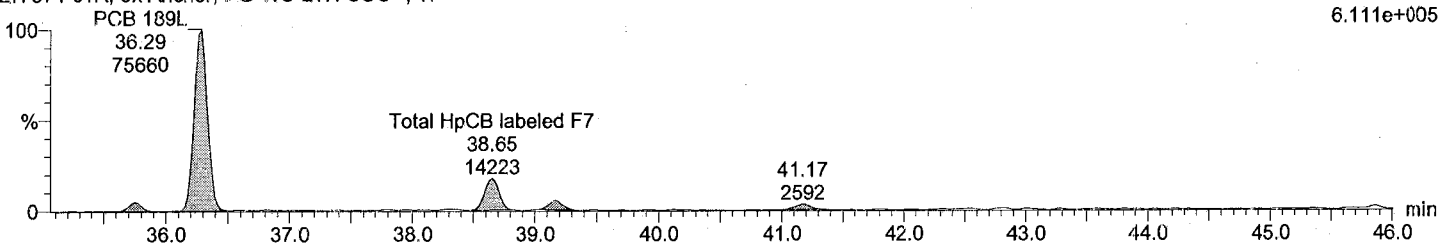
F7:Voltage SIR,EI+  
395.7996  
2.132e+003



Total HpCB labeled F7

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

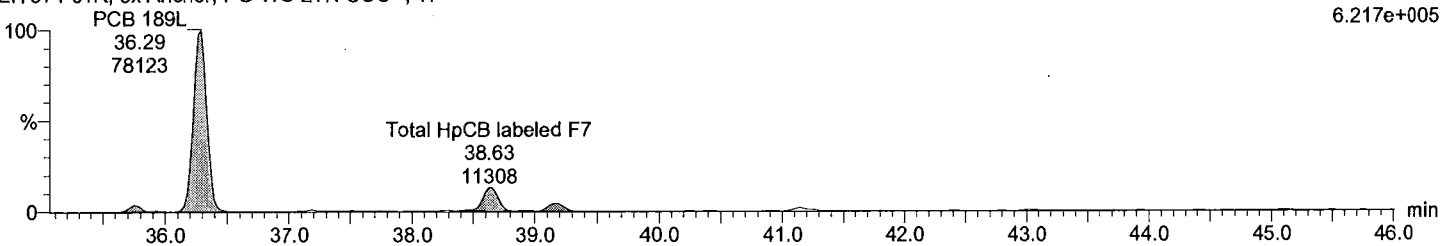
F7:Voltage SIR,EI+  
405.8428  
6.111e+005



Total HpCB labeled F7

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
407.8398  
6.217e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

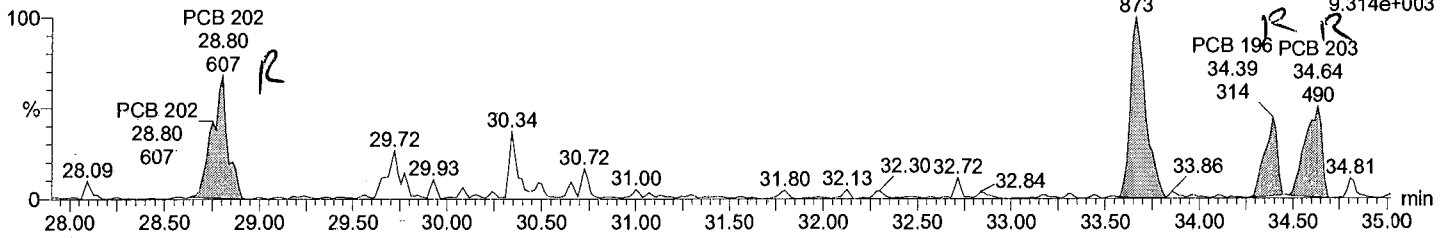
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x  
Vial: 10  
Date: 10-Jun-2017  
Time: 02:12:44  
Instrument:

①

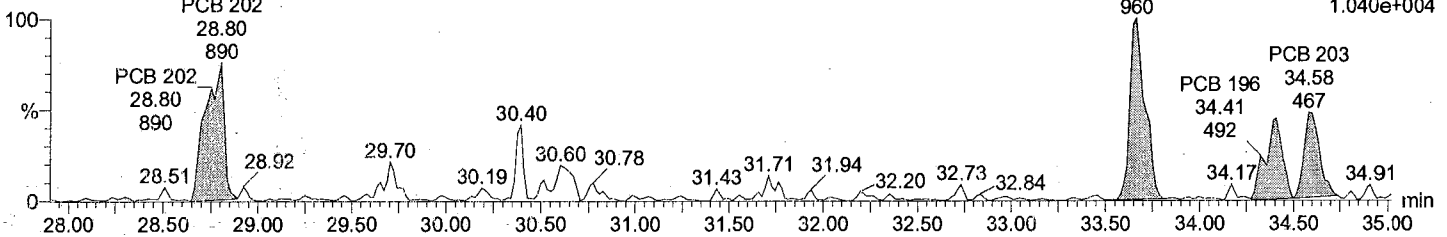
Total OcCB F6

M1170609B10 Smooth(SG,1x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



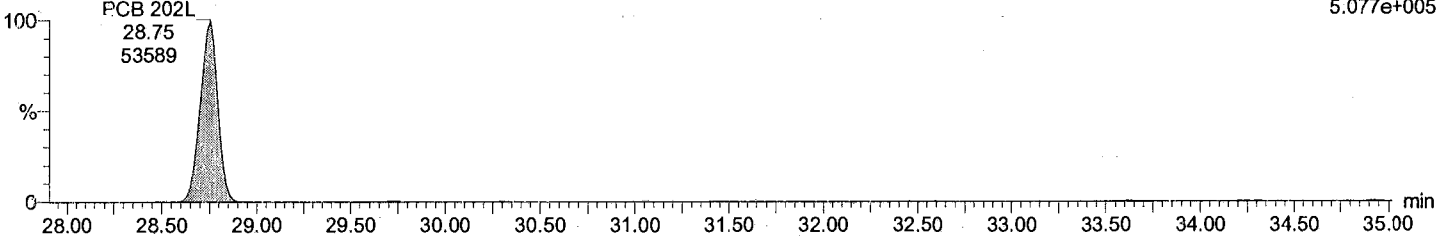
Total OcCB F6

M1170609B10 Smooth(SG,1x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



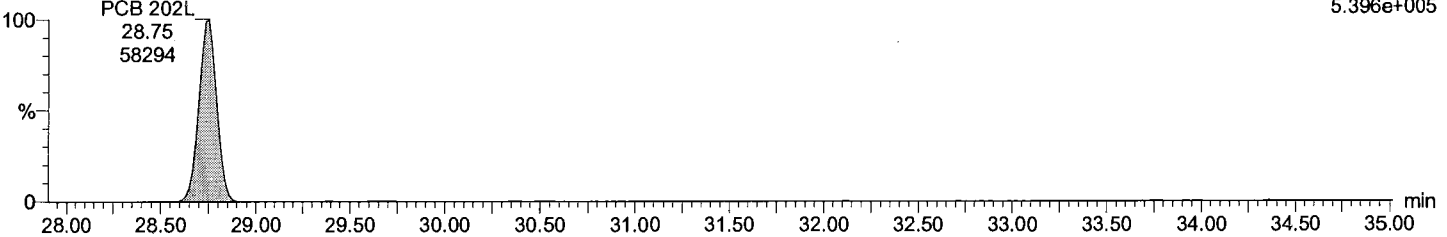
Total OcCB labeled F6

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Total OcCB labeled F6

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

Vial: 10

Date: 10-Jun-2017

Time: 02:12:44

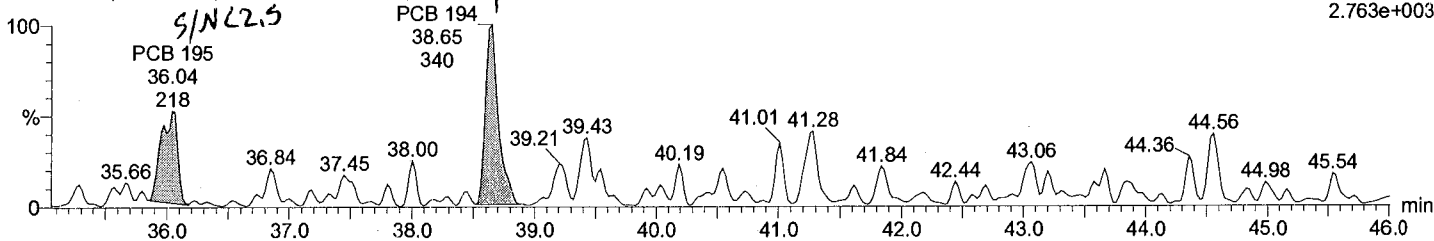
Instrument:

*h = 7.482 E 2*

Total OcCB F7

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

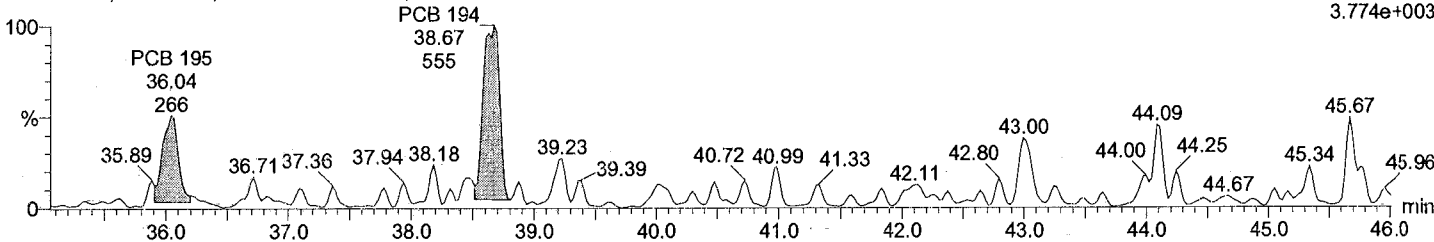
F7:Voltage SIR,EI+  
427.7635  
2.763e+003



Total OcCB F7

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

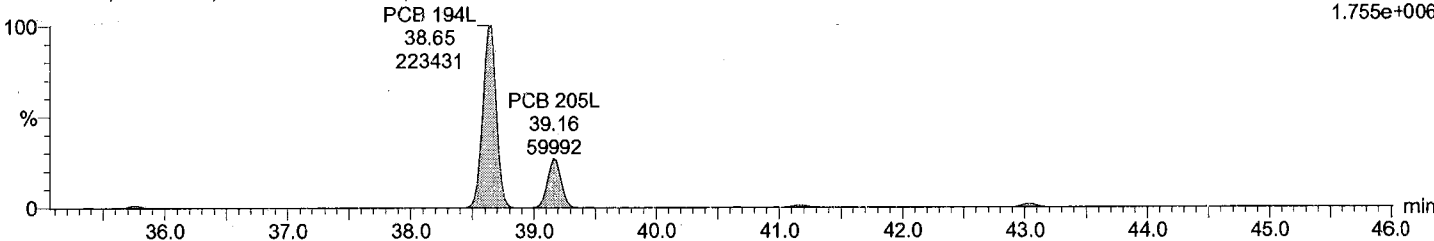
F7:Voltage SIR,EI+  
429.7606  
3.774e+003



Total OcCB labeled F7

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

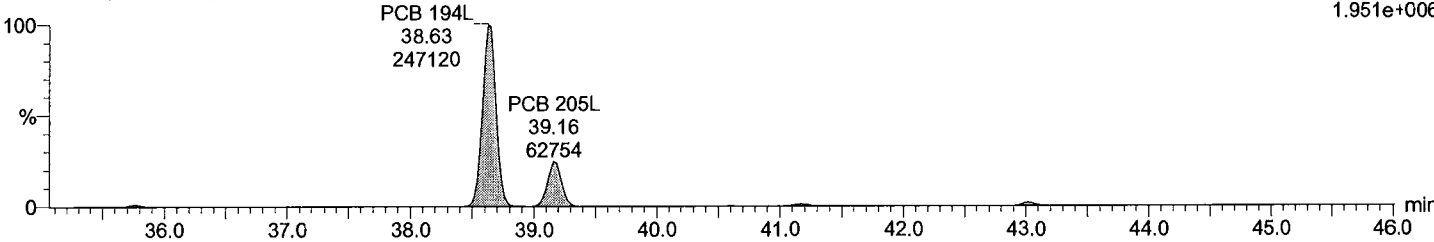
F7:Voltage SIR,EI+  
439.8038  
1.755e+006



Total OcCB labeled F7

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
441.8008  
1.951e+006



Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

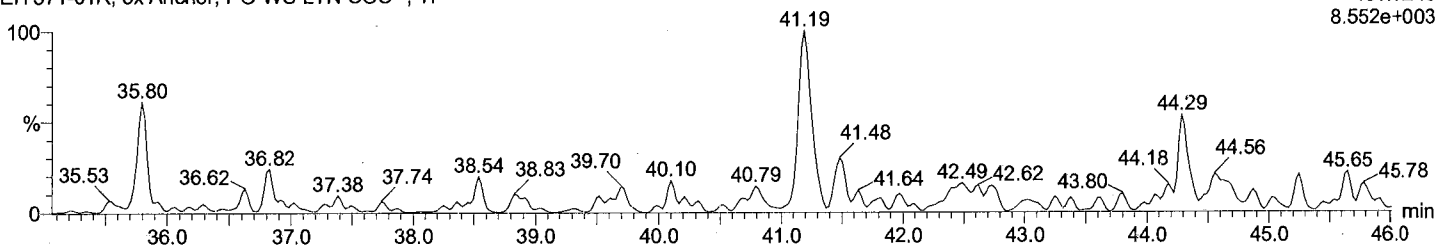
Description: EIY571-01R, 5x

Vial: 10  
Date: 10-Jun-2017  
Time: 02:12:44  
Instrument:

Total NoCB F7

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

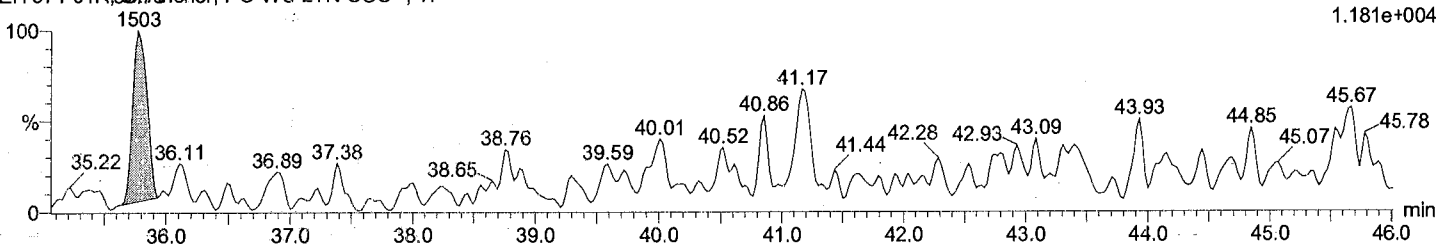
F7:Voltage SIR,EI+  
461.7246  
8.552e+003



Total NoCB F7

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

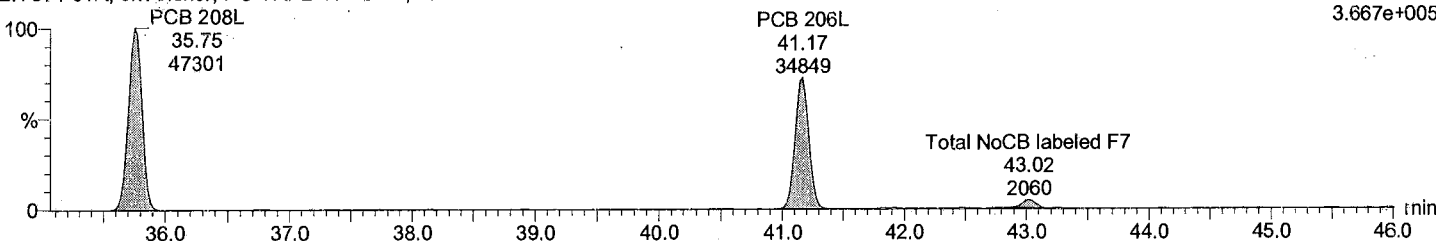
F7:Voltage SIR,EI+  
463.7216  
1.181e+004



Total NoCB labeled F7

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

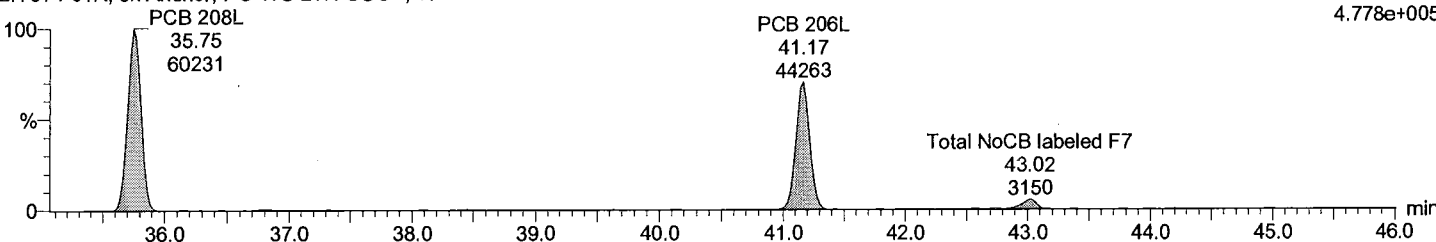
F7:Voltage SIR,EI+  
473.7648  
3.667e+005



Total NoCB labeled F7

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
475.7619  
4.778e+005





Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

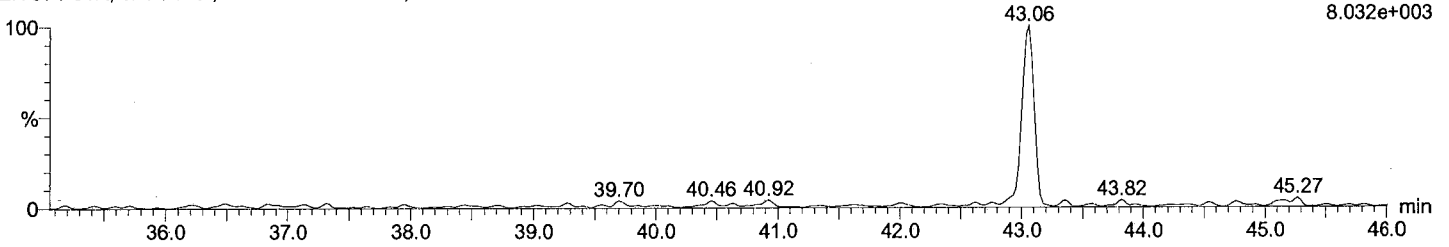
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x  
Vial: 10  
Date: 10-Jun-2017  
Time: 02:12:44  
Instrument:

**Total DeCB F7**

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

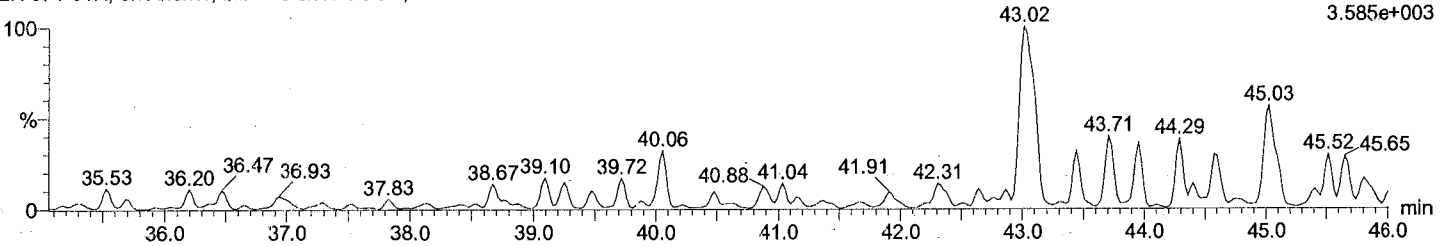
F7:Voltage SIR,EI+  
497.6826  
8.032e+003



**Total DeCB F7**

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
499.6797  
3.585e+003

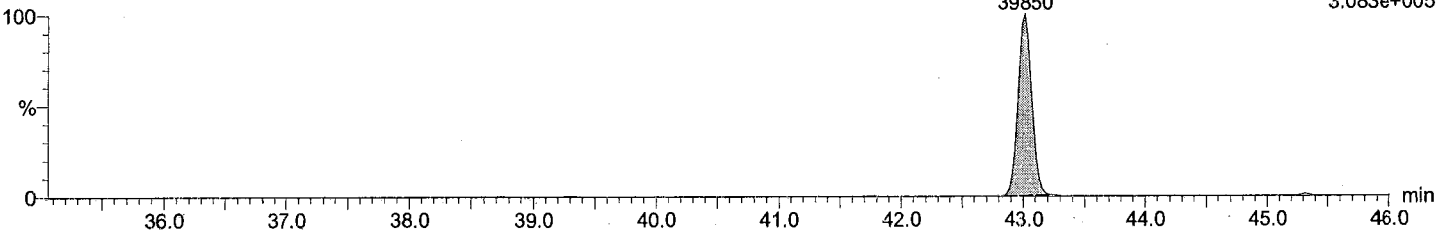


**Total DeCB labeled F7**

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 209L  
43.02  
39850

F7:Voltage SIR,EI+  
509.7229  
3.083e+005

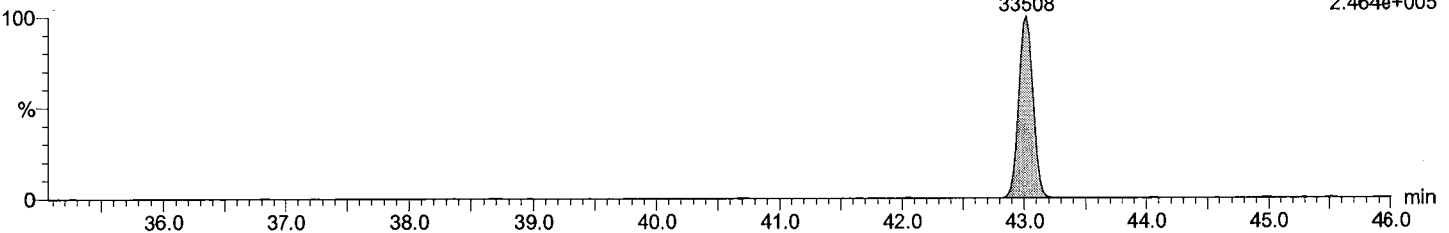


**Total DeCB labeled F7**

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 209L  
43.02  
33508

F7:Voltage SIR,EI+  
511.7199  
2.464e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDIM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

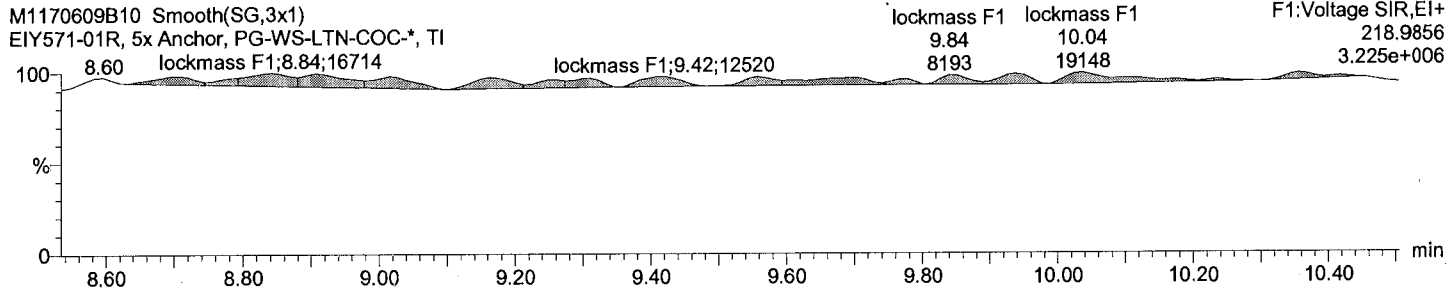
Vial: 10

Date: 10-Jun-2017

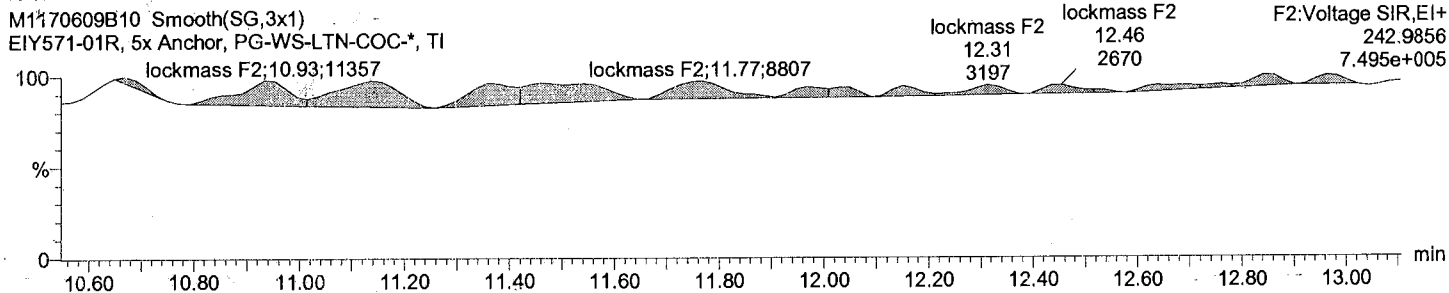
Time: 02:12:44

Instrument:

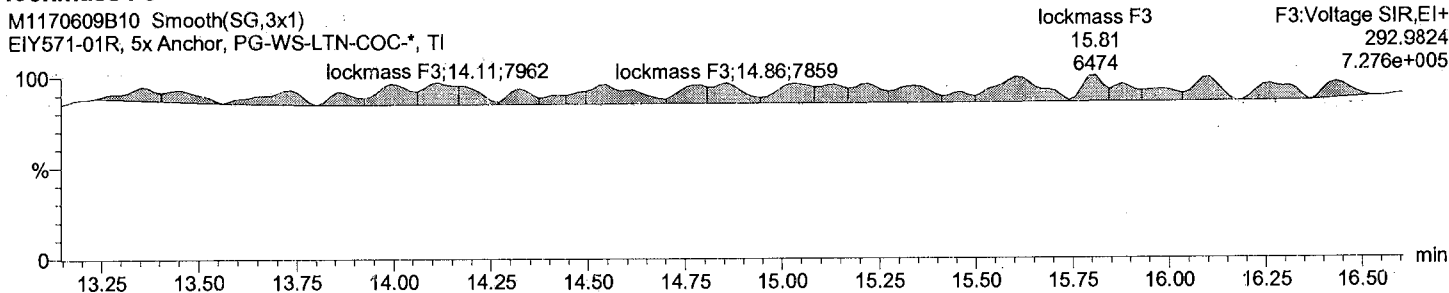
lockmass F1



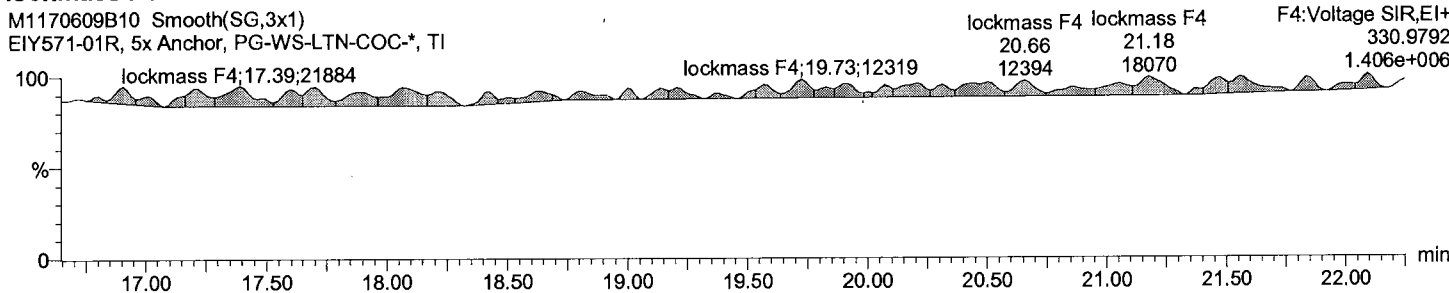
lockmass F2



lockmass F3



lockmass F4



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY571-01R, 5x

Vial: 10

Date: 10-Jun-2017

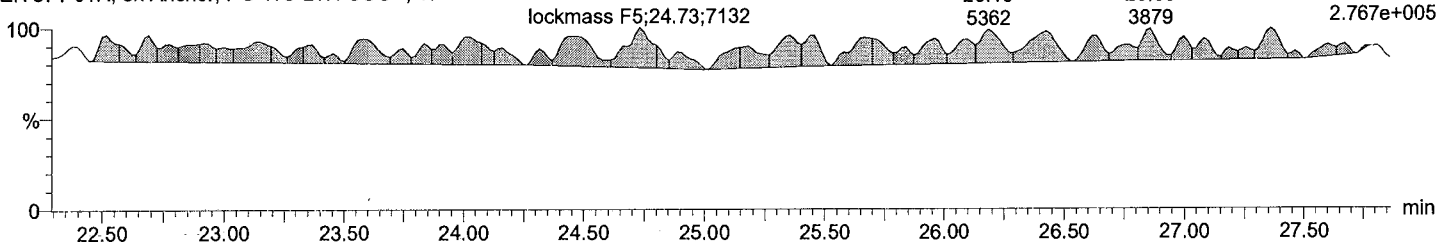
Time: 02:12:44

Instrument:

lockmass F5

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

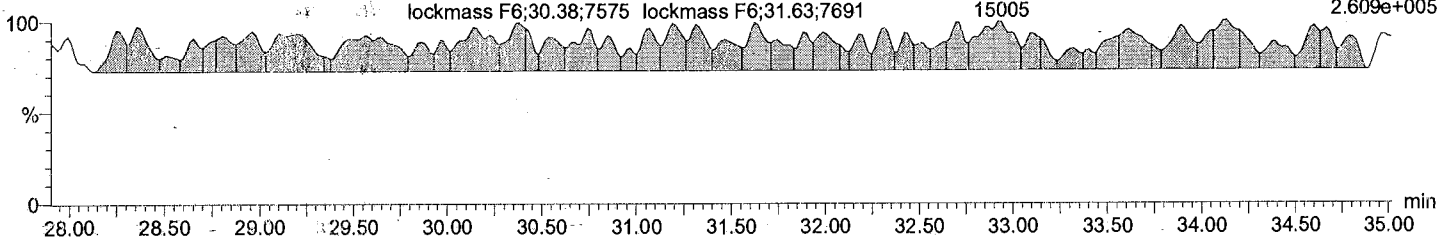
lockmass F5 lockmass F5 F5:Voltage SIR,EI+  
26.19 26.86 354.9792  
5362 3879 2.767e+005



lockmass F6

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

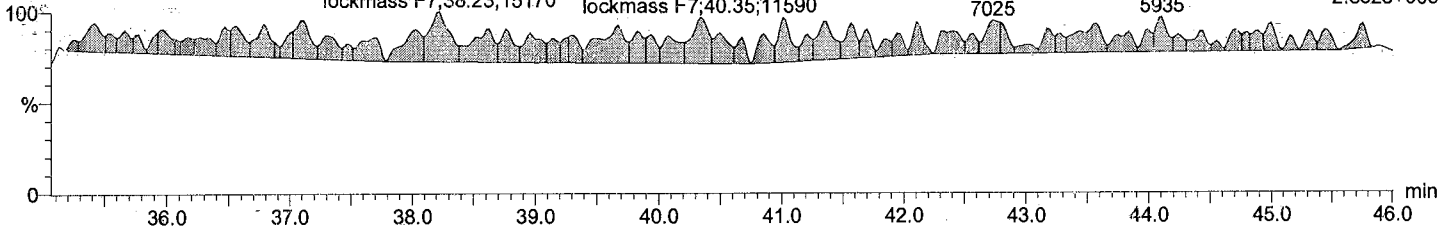
lockmass F6 lockmass F6 F6:Voltage SIR,EI+  
32.94 404.9760  
15005 2.609e+005



lockmass F7

M1170609B10 Smooth(SG,3x1)  
EIY571-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

lockmass F7 lockmass F7 F7:Voltage SIR,EI+  
42.73 44.11 454.9728  
7025 5935 2.832e+005



Filename M1170609B11  
 Acquired 10/06/2017 3:02

Call File PCB209\_M1170609B

Sample ID EIY572-01R, 5x  
 Comments  
 Instrument File Ultima 1  
 Sample Size 10.013

Dil Fac 1.00

6X

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	DL	S/N	Mod	rrf	Rec
1 PCB 1	188	NotFnd	*	*	*	*		0.001		no	1.053	-
	MoCB 190	8.83	*	no	*	*				no		-
2 PCB 2	188	NotFnd	*	*	*	*		0.001		no	1.198	-
	MoCB 190	9.92	*	no	*	*				no	1.055	-
3 PCB 3	188	NotFnd	*	*	*	*		0.001		no	1.191	-
	MoCB 190	10.01	*	no	*	*				no	1.156	-
4 PCB 4	222	NotFnd	*	*	*	*		0.004		no	1.544	-
	DICB 224	10.12	*	no	*	*				no	1.399	-
5 PCB 10	222	NotFnd	*	*	*	*		0.002		no	1.424	-
	DICB 224	10.21	*	no	*	*				no	1.462	-
6 PCB 9	222	NotFnd	*	*	*	*		0.004		no	1.443	-
	DICB 224	11.01	*	no	*	*				no	1.506	-
7 PCB 7	222	NotFnd	*	*	*	*		0.004		no	1.42	-
	DICB 224	11.09	*	no	*	*				no	1.443	-
8 PCB 6	222	NotFnd	*	*	*	*		0.004		no	1.462	-
	DICB 224	11.19	*	no	*	*				no	1.443	-
9 PCB 5	222	NotFnd	*	*	*	*		0.004		no	1.443	-
	DICB 224	11.31	*	no	*	*				no	1.443	-
10 PCB 8	222	NotFnd	*	*	*	*		0.004		no	1.443	-
	DICB 224	11.37	*	no	*	*				no	1.443	-
11 PCB 14	222	NotFnd	*	*	*	*		0.004		no	1.443	-
	DICB 224	12.05	*	no	*	*				no	1.443	-
12 PCB 11	222	12.41	4560	1.41	7784	0.011936		0.004	53	no	1.42	-
	DICB 224	12.42	3223	yes	*	*			5	no	1.443	-
13 PCB 13/12	222	NotFnd	*	*	*	*		0.004		no	1.443	-
	DICB 224	12.56	*	no	*	*				no	0.956	-
14 PCB 15	222	NotFnd	*	*	*	*		0.005		no	1.06	-
	DICB 224	12.70	*	no	*	*				no	1.033	-
15 PCB 19	256	NotFnd	*	*	*	*		0.004		no	0.838	-
	TriCB 258	11.48	*	no	*	*				no	1.164	-
16 PCB 30/18	256	12.27	1278	1.21	2335	0.004102		0.002	15	no	1.033	-
	TriCB 258	12.27	1057	no	*	*			11	no	0.838	-
17 PCB 17	256	NotFnd	*	*	*	*		0.003		no	1.164	-
	TriCB 258	12.48	*	no	*	*				no	1.164	-
18 PCB 27	256	NotFnd	*	*	*	*		0.002		no	1.35	-
	TriCB 256	12.56	*	no	*	*				no	1.35	-
19 PCB 24	256	NotFnd	*	*	*	*		0.002		no	1.35	-
	TriCB 258	12.61	*	no	*	*				no	0.606	-
20 PCB 16	256	NotFnd	*	*	*	*		0.004		no	0.606	-
	TriCB 258	12.69	*	no	*	*				no	1.334	-
21 PCB 32	256	NotFnd	*	*	*	*		0.002		no	1.334	-
	TriCB 258	12.90	*	no	*	*				no	1.427	-
22 PCB 34	256	NotFnd	*	*	*	*		0.001		no	1.427	-
	TriCB 258	13.48	*	no	*	*				no	1.32	-
23 PCB 23	256	NotFnd	*	*	*	*		0.001		no	1.32	-
	TriCB 258	13.56	*	no	*	*				no	1.443	-
24 PCB 26/29	256	NotFnd	*	*	*	*		0.001		no	1.443	-
	TriCB 258	13.72	*	no	*	*				no	1.389	-
25 PCB 25	256	NotFnd	*	*	*	*		0.001		no	1.389	-
	TriCB 258	13.85	*	no	*	*				no	1.527	-
26 PCB 31	256	NotFnd	*	*	*	*		0.001		no	1.527	-
	TriCB 258	14.01	*	no	*	*				no	1.441	-
27 PCB 28/20	256	14.13	1647	0.95	3384	0.004262		0.001	21	no	1.441	-
	TriCB 258	14.16	1737	yes	*	*			39	no	1.391	-
28 PCB 21/33	256	NotFnd	*	*	*	*		0.001		no	1.391	-
	TriCB 258	14.27	*	no	*	*				no	1.357	-
29 PCB 22	256	NotFnd	*	*	*	*		0.001		no	1.357	-
	TriCB 258	14.47	*	no	*	*				no	1.632	-
30 PCB 36	256	NotFnd	*	*	*	*		0.001		no	1.632	-
	TriCB 258	15.30	*	no	*	*				no	1.448	-
31 PCB 39	256	NotFnd	*	*	*	*		0.001		no	1.448	-
	TriCB 258	15.50	*	no	*	*				no	1.474	-
32 PCB 38	256	NotFnd	*	*	*	*		0.001		no	1.474	-
	TriCB 258	15.87	*	no	*	*				no	1.4	-
33 PCB 35	256	NotFnd	*	*	*	*		0.001		no	1.4	-
	TriCB 258	16.10	*	no	*	*				no	0.951	-
34 PCB 37	256	NotFnd	*	*	*	*		0.001		no	0.951	-
	TriCB 258	16.38	*	no	*	*				no	1.071	-
35 PCB 54	290	NotFnd	*	*	*	*		0.001		no	1.071	-
	TCB 292	12.82	*	no	*	*				no	0.861	-
36 PCB 53/50	290	NotFnd	*	*	*	*		0.001		no	0.861	-
	TCB 292	13.86	*	no	*	*				no	0.832	-
37 PCB 45/51	290	NotFnd	*	*	*	*		0.001		no	0.832	-
	TCB 292	14.21	*	no	*	*				no	0.718	-
38 PCB 46	290	NotFnd	*	*	*	*		0.001		no	0.718	-
	TCB 292	14.35	*	no	*	*				no	0.961	-
39 PCB 52	290	15.07	2863	0.72	6851	0.010898		0.001	82	no	0.961	-
	TCB 292	15.05	3988	yes	*	*			39	no	1.012	-
40 PCB 73	290	NotFnd	*	*	*	*		0.001		no	1.012	-
	TCB 292	15.14	*	no	*	*				no	0.787	-
41 PCB 43	290	NotFnd	*	*	*	*		0.001		no	0.787	-
	TCB 292	15.21	*	no	*	*				no	0.953	-
42 PCB 69/49	290	15.34	1201	0.74	2832	0.004543		0.001	34	no	0.953	-
	TCB 292	15.34	1632	yes	*	*			17	no	0.848	-
43 PCB 48	290	NotFnd	*	*	*	*		0.001		no	0.848	-
	TCB 292	15.50	*	no	*	*				no	0.917	-
44 PCB 44/47/65	290	15.67	3178	0.74	7484	0.012478		0.001	90	no	0.917	-
	TCB 292	15.64	4305	yes	*	*			42	no	1.12	-
45 PCB 59/62/75	290	NotFnd	*	*	*	*		0.001		no	1.12	-



95 PCB 155	360	NotFnd	*	*	*	0	no	1.103	-		
	HxCB 362	19.26	*	no	*						
96 PCB 152	360	NotFnd	*	*	*	0	no	0.849	-		
	HxCB 362	19.40	*	no	*						
97 PCB 150	360	NotFnd	*	*	*	0	no	0.77	-		
	HxCB 362	19.53	*	no	*						
98 PCB 136	360	NotFnd	*	*	*	0	no	0.816	-		
	HxCB 362	19.78	*	no	*						
99 PCB 145	360	NotFnd	*	*	*	0	no	0.755	-		
	HxCB 362	20.03	*	no	*						
100 PCB 148	360	NotFnd	*	*	*	0	no	0.617	-		
	HxCB 362	21.13	*	no	*						
101 PCB 151/135	360	NotFnd	*	*	*	0	no	0.6	-		
	HxCB 362	21.61	*	no	*						
102 PCB 154	360	NotFnd	*	*	*	0	no	0.691	-		
	HxCB 362	21.82	*	no	*						
103 PCB 144	360	NotFnd	*	*	*	0	no	0.618	-		
	HxCB 362	22.07	*	no	*						
104 PCB 147/149	360	NotFnd	*	*	*	0.001	no	0.809	-		
	HxCB 362	22.36	*	no	*						
105 PCB 134/143	360	NotFnd	*	*	*	0.001	no	0.689	-		
	HxCB 362	22.61	*	no	*						
106 PCB 139/140	360	NotFnd	*	*	*	0.001	no	0.804	-		
	HxCB 362	22.88	*	no	*						
107 PCB 131	360	NotFnd	*	*	*	0.001	no	0.849	-		
	HxCB 362	23.05	*	no	*						
108 PCB 142	360	NotFnd	*	*	*	0.001	no	0.718	-		
	HxCB 362	23.19	*	no	*						
109 PCB 132	360	NotFnd	*	*	*	0.001	no	0.7	-		
	HxCB 362	23.44	*	no	*						
110 PCB 133	360	NotFnd	*	*	*	0.001	no	0.786	-		
	HxCB 362	23.86	*	no	*						
111 PCB 165	360	NotFnd	*	*	*	0.001	no	0.992	-		
	HxCB 362	24.21	*	no	*						
112 PCB 146	360	NotFnd	*	*	*	0.001	no	0.895	-		
	HxCB 362	24.41	*	no	*						
113 PCB 181	360	NotFnd	*	*	*	0.001	no	1.015	-		
	HxCB 362	24.53	*	no	*						
114 PCB 153/168	360	NotFnd	*	*	*	0.001	no	0.993	-		
	HxCB 362	24.99	*	no	*						
115 PCB 141	360	NotFnd	*	*	*	0.001	no	0.784	-		
	HxCB 362	25.14	*	no	*						
116 PCB 130	360	NotFnd	*	*	*	0.001	no	0.716	-		
	HxCB 362	25.51	*	no	*						
117 PCB 137	360	NotFnd	*	*	*	0.001	no	0.675	-		
	HxCB 362	25.75	*	no	*						
118 PCB 164	360	NotFnd	*	*	*	0.001	no	1.109	-		
	HxCB 362	25.83	*	no	*						
119 PCB 138/163/129	360	NotFnd	*	*	*	0.001	no	0.847	-		
	HxCB 362	26.15	*	no	*						
120 PCB 160	360	NotFnd	*	*	*	0.001	no	0.943	-		
	HxCB 362	26.30	*	no	*						
121 PCB 158	360	NotFnd	*	*	*	0.001	no	1.103	-		
	HxCB 362	26.47	*	no	*						
122 PCB 128/166	360	NotFnd	*	*	*	0.001	no	0.934	-		
	HxCB 362	27.31	*	no	*						
123 PCB 159	360	NotFnd	*	*	*	0	no	1.254	-		
	HxCB 362	28.27	*	no	*						
124 PCB 162	360	NotFnd	*	*	*	0	no	1.204	-		
	HxCB 362	28.53	*	no	*						
125 PCB 167	360	NotFnd	*	*	*	0	no	1.103	-		
	HxCB 362	29.02	*	no	*						
126 PCB 156/157	360	NotFnd	*	*	*	0	no	1.047	-		
	HxCB 362	30.18	*	no	*						
127 PCB 169	360	NotFnd	*	*	*	0.001	no	1.04	-		
	HxCB 362	33.56	*	no	*						
128 PCB 188	394	NotFnd	*	*	*	0.001	no	1.069	-		
	HpCB 396	23.79	*	no	*						
129 PCB 179	394	NotFnd	*	*	*	0.001	no	1.122	-		
	HpCB 396	24.07	*	no	*						
130 PCB 184	394	NotFnd	*	*	*	0.001	no	1.054	-		
	HpCB 396	24.55	*	no	*						
131 PCB 176	394	NotFnd	*	*	*	0.001	no	1.032	-		
	HpCB 396	24.86	*	no	*						
132 PCB 186	394	NotFnd	*	*	*	0.001	no	0.965	-		
	HpCB 396	25.26	*	no	*						
133 PCB 178	394	NotFnd	*	*	*	0.001	no	0.77	-		
	HpCB 396	26.54	*	no	*						
134 PCB 175	394	NotFnd	*	*	*	0.001	no	0.803	-		
	HpCB 396	27.14	*	no	*						
135 PCB 187	394	27.42	2998	1.18	5542	0.011159	0.001	41	no	0.814	-
	HpCB 396	27.37	2544	yes	*			63			
136 PCB 182	394	NotFnd	*	*	*	0.001	no	0.797	-		
	HpCB 396	27.59	*	no	*						
137 PCB 183	394	NotFnd	*	*	*	0.001	no	1.01	-		
	HpCB 396	27.99	*	no	*						
138 PCB 185	394	NotFnd	*	*	*	0.001	no	0.813	-		
	HpCB 396	28.08	*	no	*						
139 PCB 174	394	NotFnd	*	*	*	0.001	no	0.901	-		
	HpCB 396	28.24	*	no	*						
140 PCB 177	394	28.67	1004	0.89	2136	0.003988	0.001	21	no	0.878	-
	HpCB 396	28.65	1131	no	*			24			
141 PCB 181	394	NotFnd	*	*	*	0.001	no	0.887	-		
	HpCB 396	29.06	*	no	*						
142 PCB 171/173	394	NotFnd	*	*	*	0.001	no	0.854	-		
	HpCB 396	29.28	*	no	*						
143 PCB 172	394	NotFnd	*	*	*	0.001	no	0.869	-		
	HpCB 396	30.93	*	no	*						
144 PCB 192	394	NotFnd	*	*	*	0.001	no	1.06	-		



194 PCB 111L	338	21.42	90294	1.57	147990	0.210975	0	2021	no	1.373	95
PCB Cleanup Standard	340	21.40	57696	yes				2026			
195 PCB 178L	406	26.51	48786	1.09	93568	0.237742	0.001	724	no	0.732	107
PCB Cleanup Standard	408	26.52	44782	yes				680			
196 PCB 31L	268	NotFnd	*	*	*		0.003		no	1.878	
PCB Audit Standard	270	13.98	*	no	*						
197 PCB 95L	338	NotFnd	*	*	*		0		no	0.916	
PCB Audit Standard	340	17.38	*	no	*						
198 PCB 153L	372	24.96	1664	1.29	2954	0.004687	0.001	41	no	1.173	2
PCB Audit Standard	374	24.98	1290	yes				21			
199 PCB 9L	234	10.99	663916	1.56	1090861	2.704313	-	849	no	-	-
PCB Recovery Standard	236	11.00	426945	yes				1706			
200 PCB 52L	302	15.07	260006	0.77	599333	2.672315	-	1674	no	-	-
PCB Recovery Standard	304	15.05	339327	yes				3470			
201 PCB 101L	338	19.38	350857	1.62	566879	2.783092	-	8474	no	-	-
PCB Recovery Standard	340	19.36	216022	yes				8058			
202 PCB 138L	372	26.10	333029	1.27	596260	2.871612	-	7352	no	-	-
PCB Recovery Standard	374	26.07	263231	yes				3404			
203 PCB 194L	440	38.65	233792	0.92	486933	2.603909	-	2467	no	-	-
PCB Recovery Standard	442	38.59	253141	yes				2198			



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

*Octer  
Only*

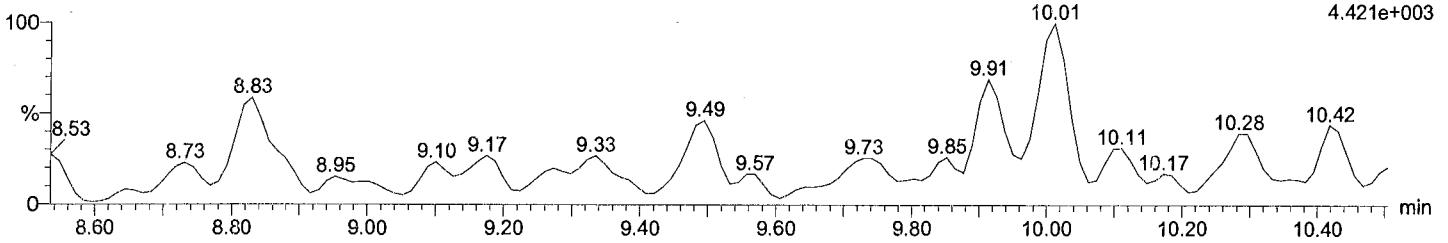
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x  
Vial: 11  
Date: 10-Jun-2017  
Time: 03:02:53  
Instrument:

**Total MoCB F1**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

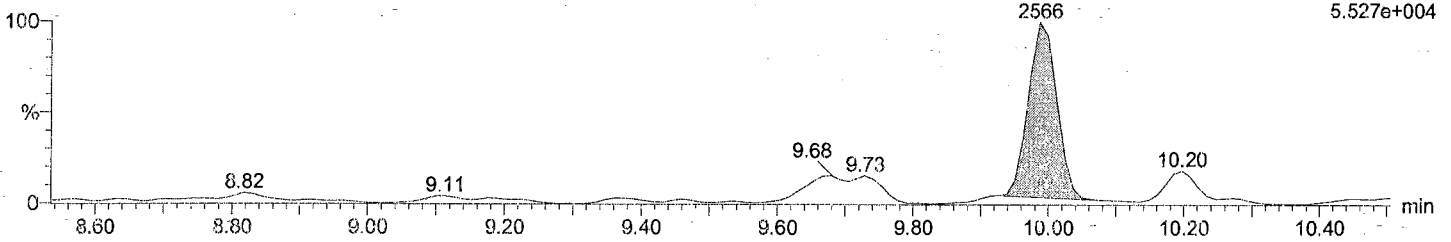
F1:Voltage SIR,EI+  
188.0393  
4.421e+003



**Total MoCB F1**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

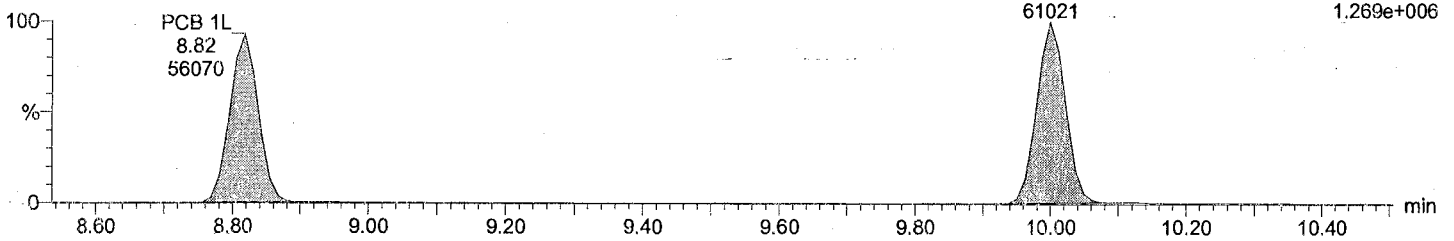
F1:Voltage SIR,EI+  
190.0363  
5.527e+004



**Total MoCB labeled F1**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

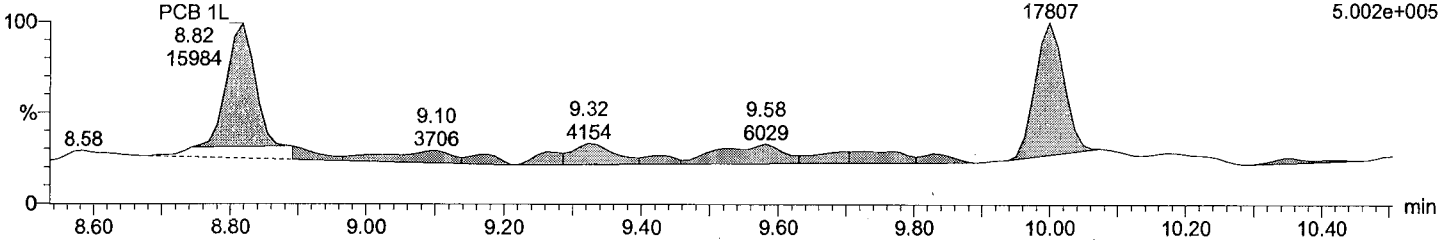
PCB 3L  
10.00  
61021  
F1:Voltage SIR,EI+  
200.0795  
1.269e+006



**Total MoCB labeled F1**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 3L  
10.00  
17807  
F1:Voltage SIR,EI+  
202.076  
5.002e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

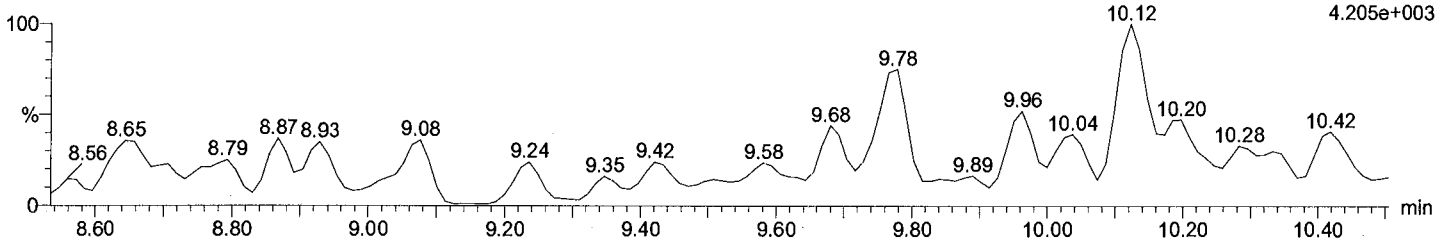
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x  
Vial: 11  
Date: 10-Jun-2017  
Time: 03:02:53  
Instrument:

Total DiCB F1

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

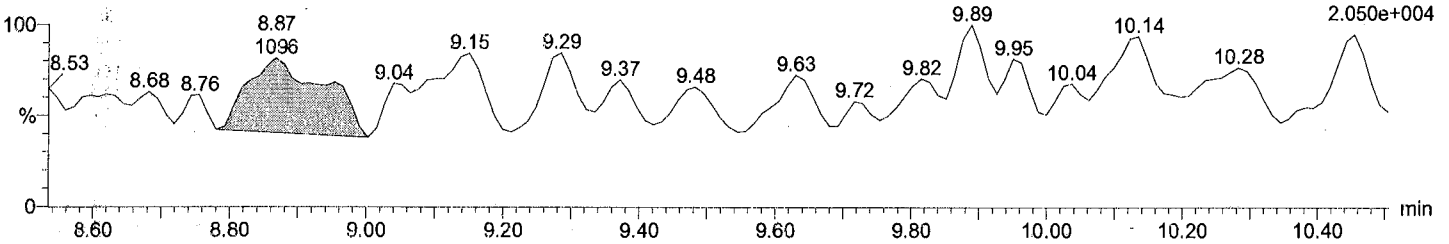
F1:Voltage SIR,EI+  
222.0003  
4.205e+003



Total DiCB F1

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

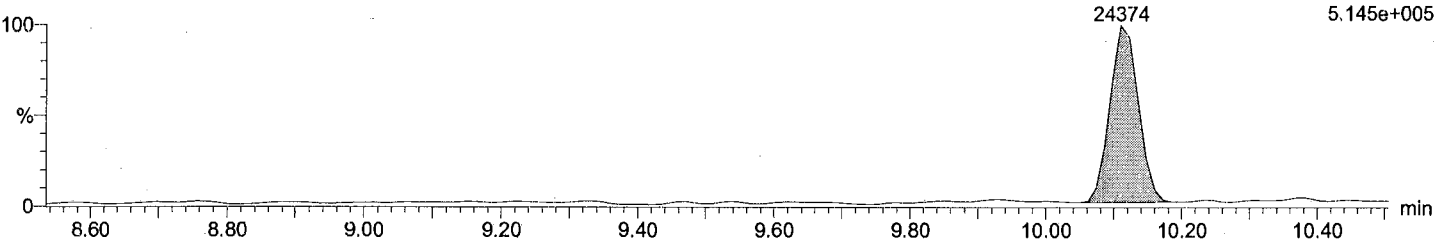
F1:Voltage SIR,EI+  
223.9974  
2.050e+004



Total DiCB labeled F1

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

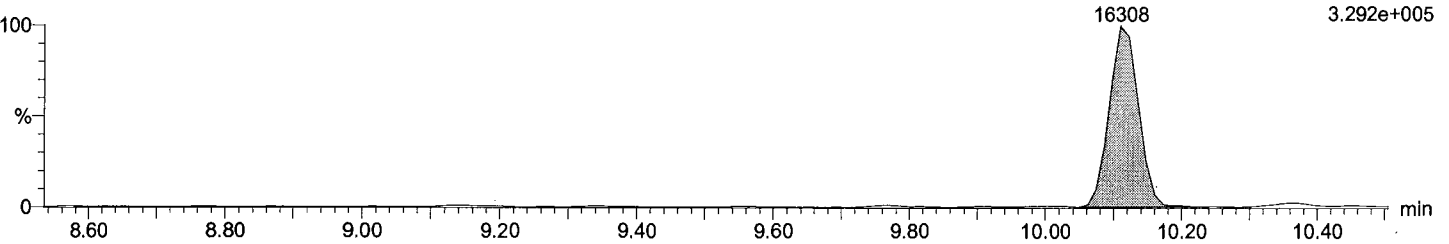
PCB 4L  
10.11  
24374  
F1:Voltage SIR,EI+  
234.0406  
5.145e+005



Total DiCB labeled F1

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 4L  
10.11  
16308  
F1:Voltage SIR,EI+  
236.0376  
3.292e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

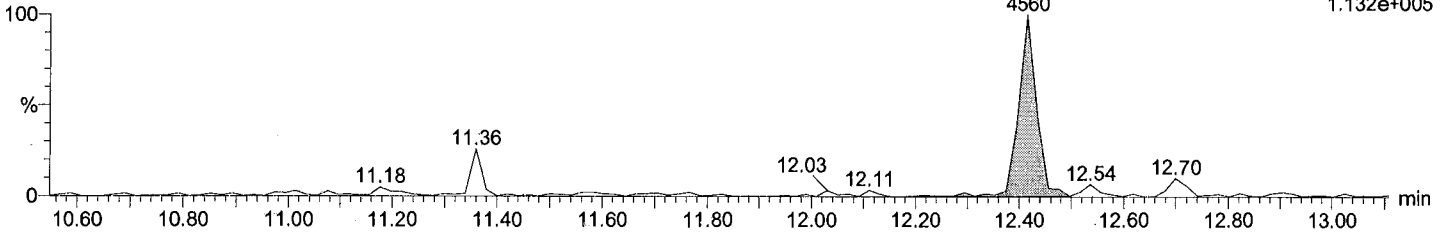
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x  
Vial: 11  
Date: 10-Jun-2017  
Time: 03:02:53  
Instrument:

Total DiCB F2

M1170609B11  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

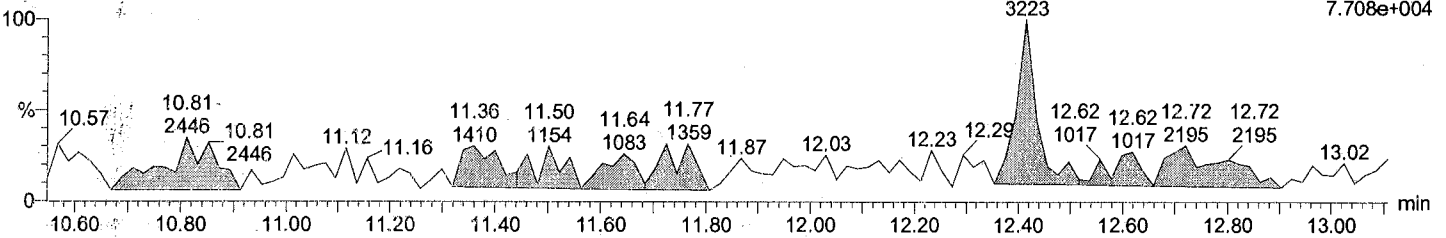
PCB 11  
12.41  
4560  
F2:Voltage SIR,EI+  
222.0003  
1.132e+005



Total DiCB F2

M1170609B11  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

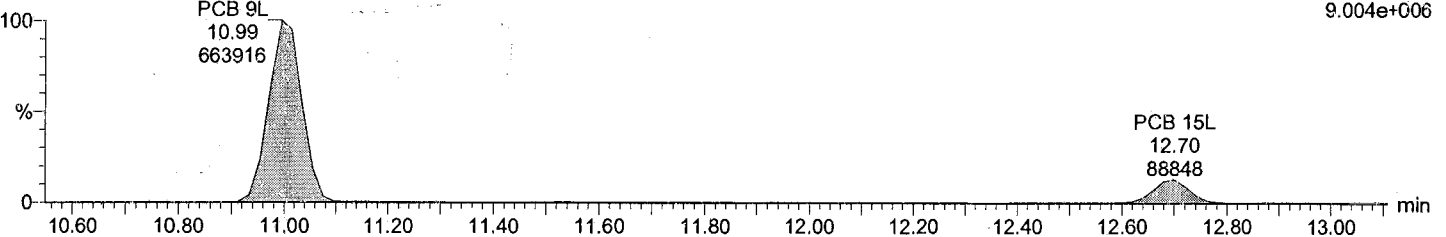
PCB 11  
12.41  
3223  
F2:Voltage SIR,EI+  
223.9974  
7.708e+004



Total DiCB labeled F2

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

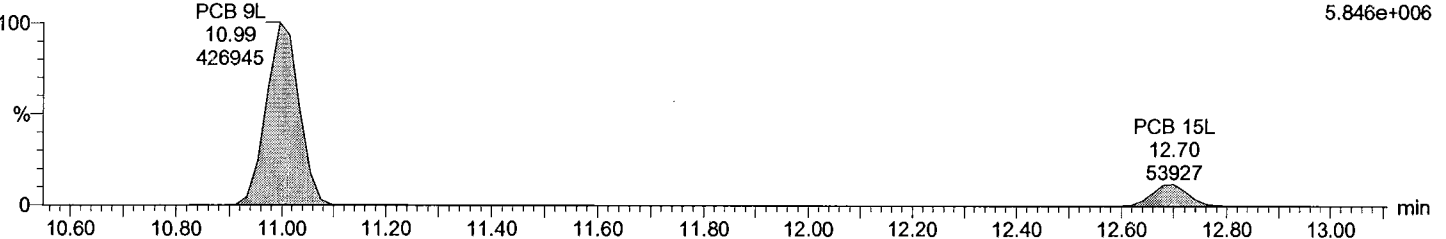
F2:Voltage SIR,EI+  
234.0406  
9.004e+006



Total DiCB labeled F2

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
236.0376  
5.846e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

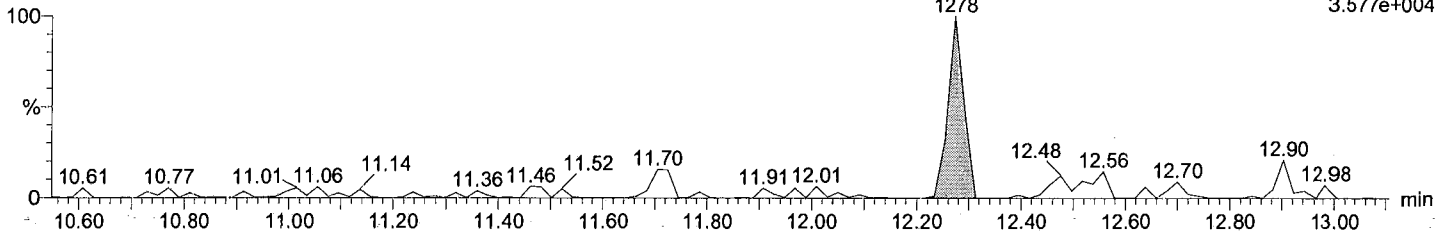
Description: EIY572-01R, 5x  
Vial: 11  
Date: 10-Jun-2017  
Time: 03:02:53  
Instrument:

**Total TriCB F2**

M1170609B11  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 30/18  
12.27  
1278

F2:Voltage SIR,EI+  
255.9614  
3.577e+004

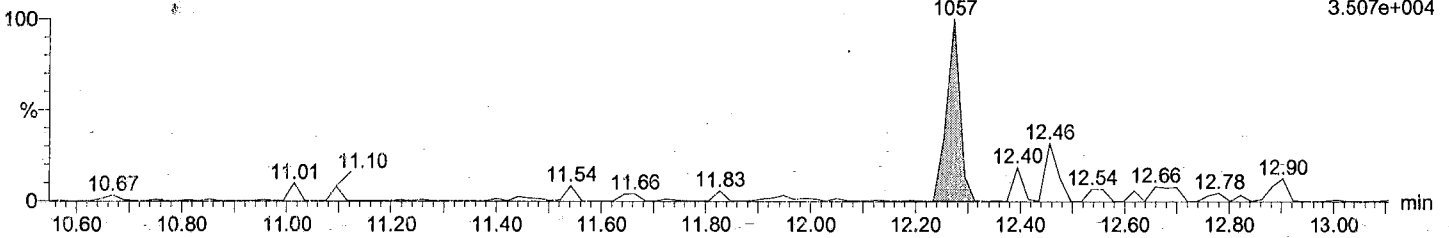


**Total TriCB F2**

M1170609B11  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 30/18  
12.27  
1057

F2:Voltage SIR,EI+  
257.9584  
3.507e+004

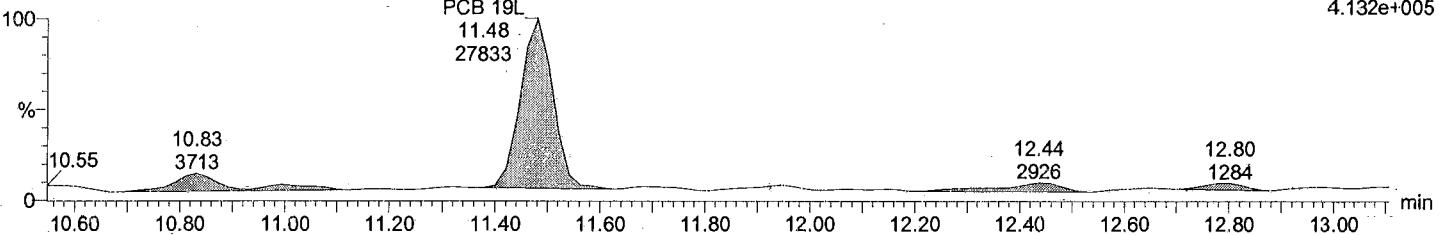


**Total TriCB labeled F2**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 19L  
11.48  
27833

F2:Voltage SIR,EI+  
268.0016  
4.132e+005

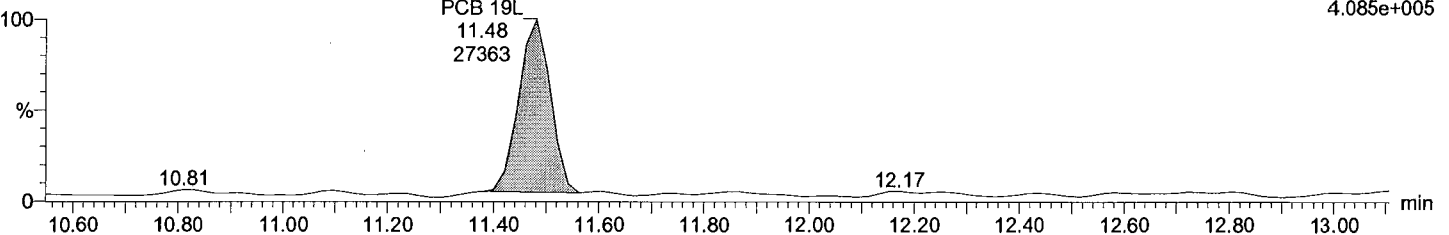


**Total TriCB labeled F2**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 19L  
11.48  
27363

F2:Voltage SIR,EI+  
269.9986  
4.085e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x

Vial: 11

Date: 10-Jun-2017

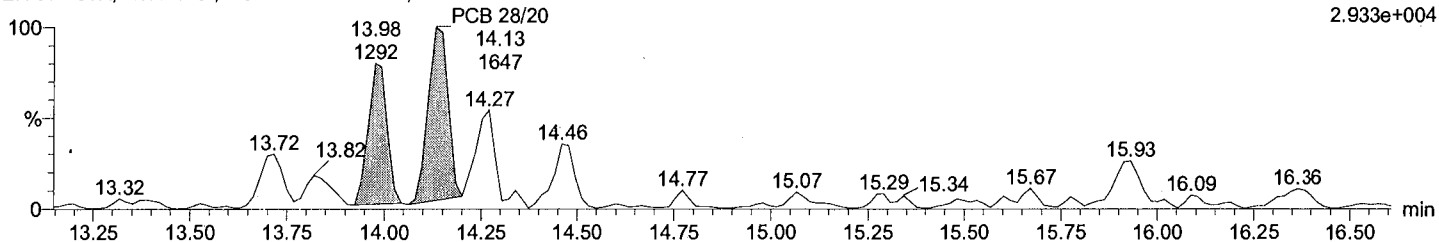
Time: 03:02:53

Instrument:

Total TriCB F3

M1170609B11 Smooth(SG,1x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

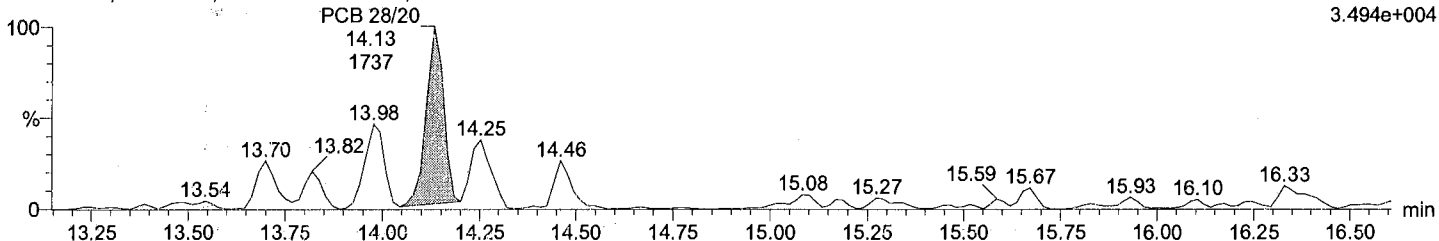
F3:Voltage SIR,EI+  
255.9614  
2.933e+004



Total TriCB F3

M1170609B11 Smooth(SG,1x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

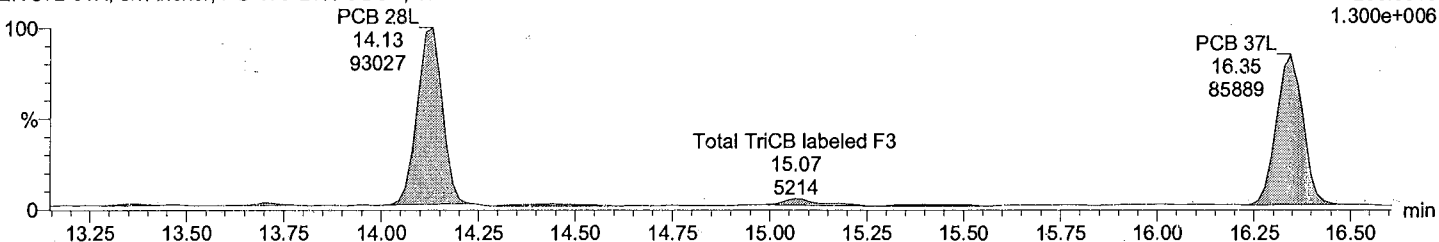
F3:Voltage SIR,EI+  
257.9584  
3.494e+004



Total TriCB labeled F3

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

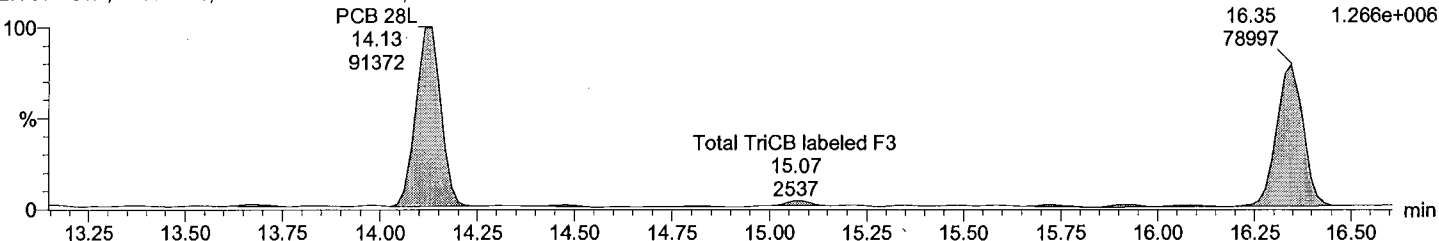
F3:Voltage SIR,EI+  
268.0016  
1.300e+006



Total TriCB labeled F3

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
269.9986  
1.266e+006



Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x

Vial: 11

Date: 10-Jun-2017

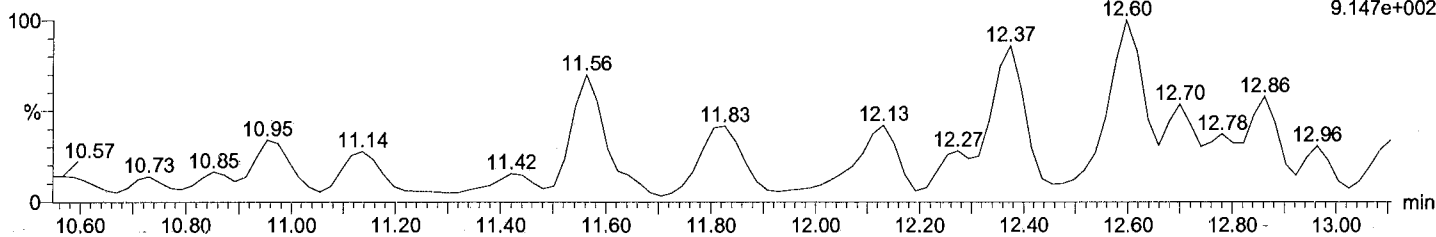
Time: 03:02:53

Instrument:

Total TeCB F2

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

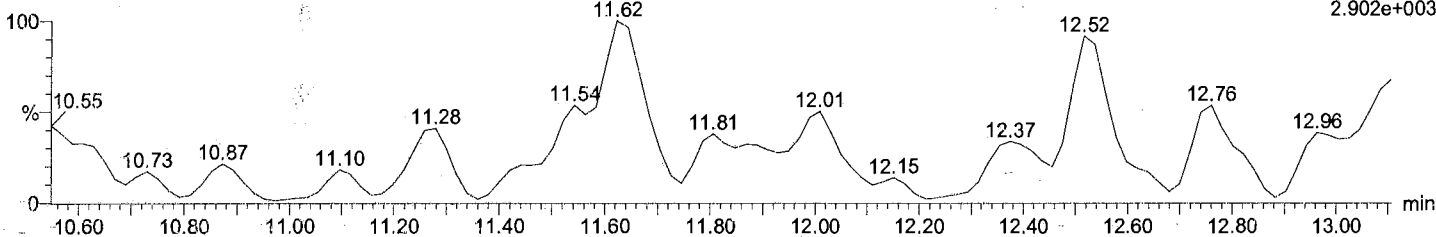
F2:Voltage SIR,EI+  
289.9224  
9.147e+002



Total TeCB F2

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

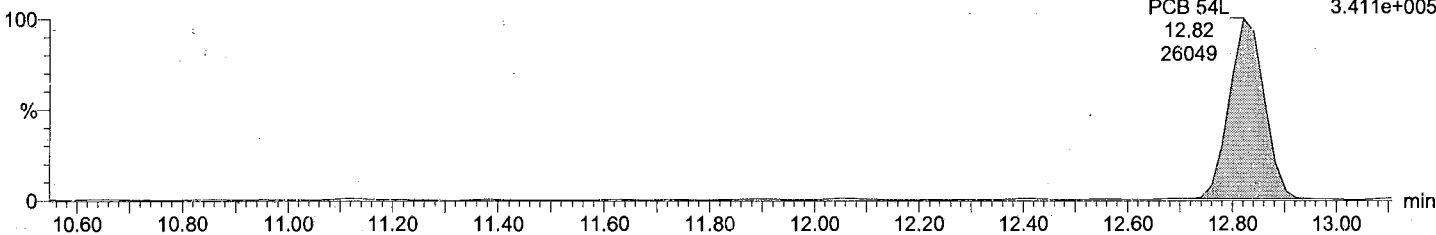
F2:Voltage SIR,EI+  
291.9194  
2.902e+003



Total TeCB labeled F2

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

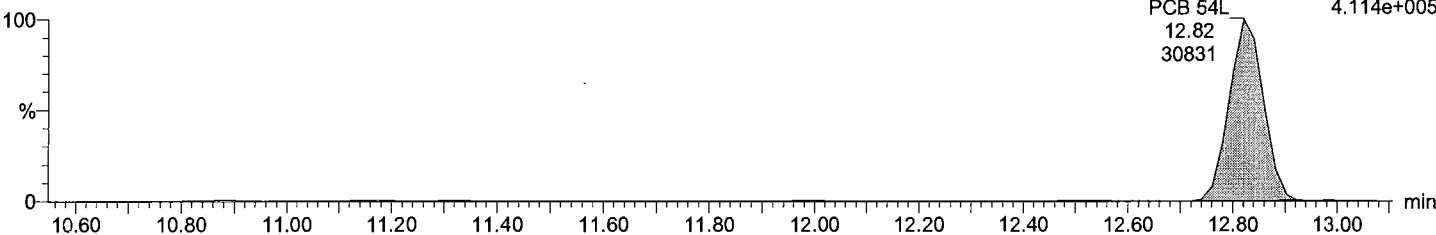
F2:Voltage SIR,EI+  
301.9626  
3.411e+005



Total TeCB labeled F2

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F2:Voltage SIR,EI+  
303.9597  
4.114e+005



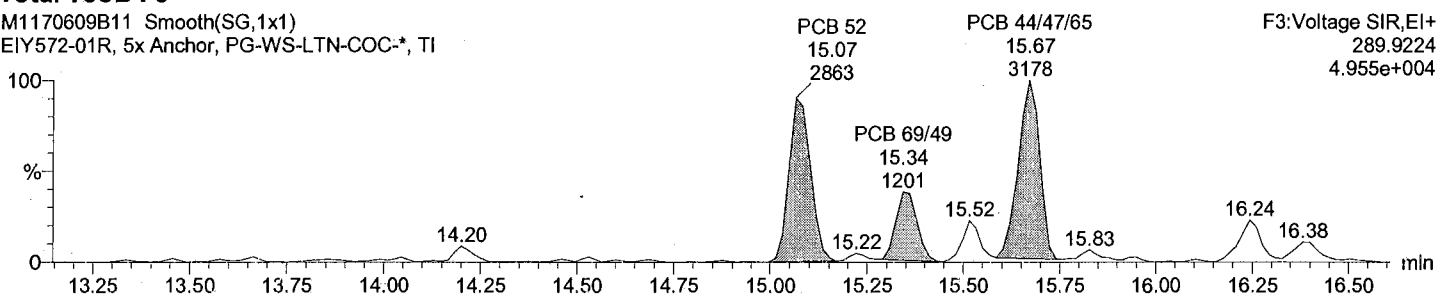
Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x  
Vial: 11  
Date: 10-Jun-2017  
Time: 03:02:53  
Instrument:

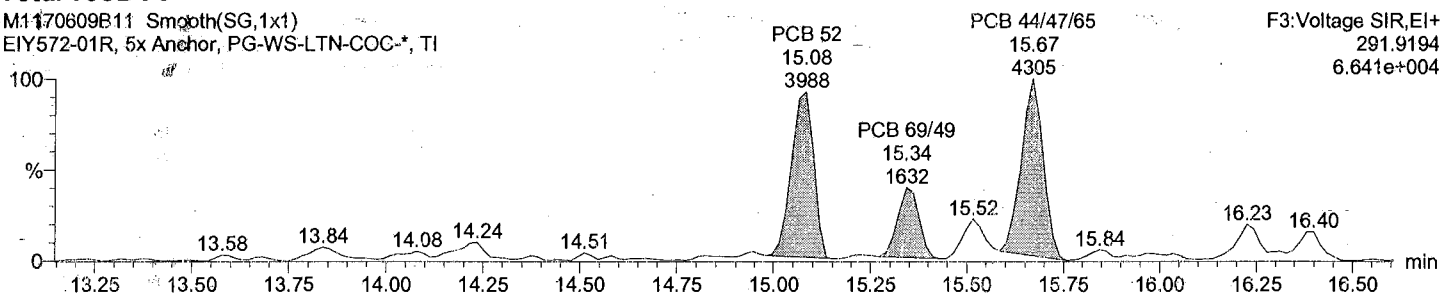
**Total TeCB F3**

M1170609B11 Smooth(SG,1x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



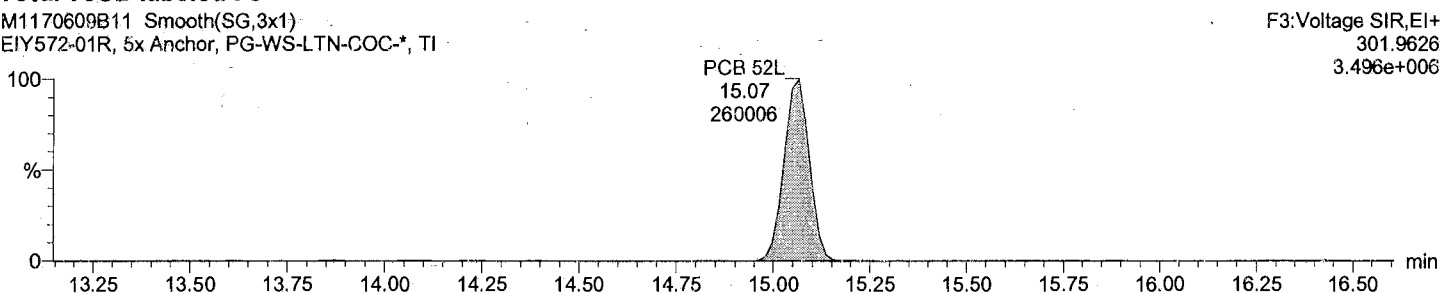
**Total TeCB F3**

M1170609B11 Smooth(SG,1x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



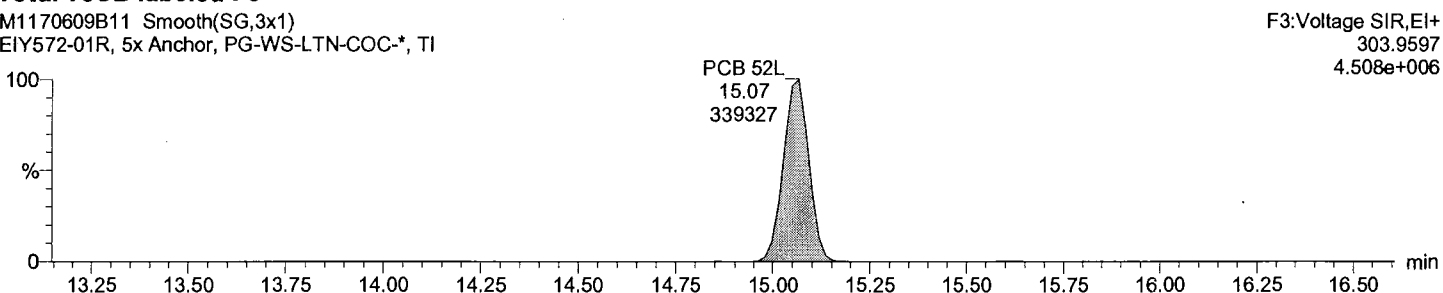
**Total TeCB labeled F3**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



**Total TeCB labeled F3**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

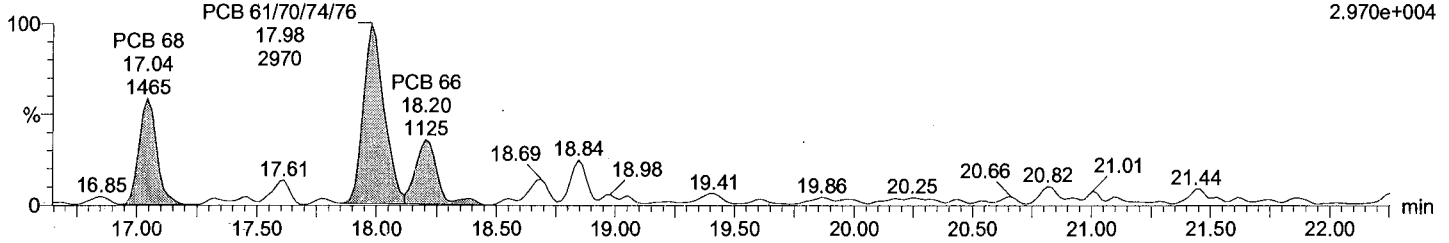
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x  
Vial: 11  
Date: 10-Jun-2017  
Time: 03:02:53  
Instrument:

**Total TeCB F4**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

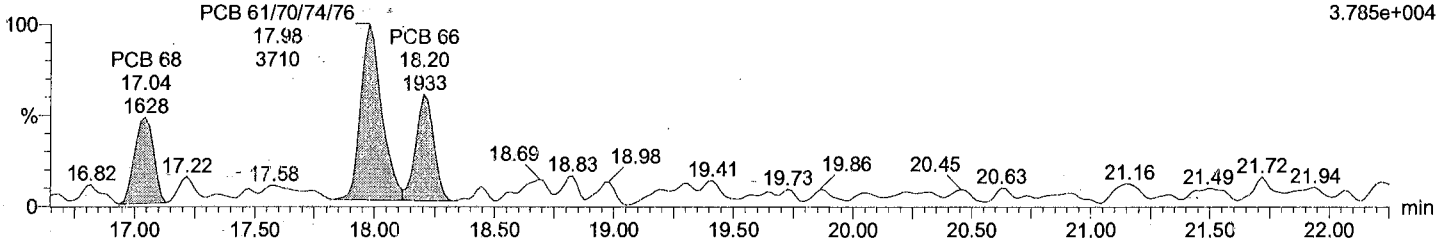
F4:Voltage SIR,EI+  
289.9224  
2.970e+004



**Total TeCB F4**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

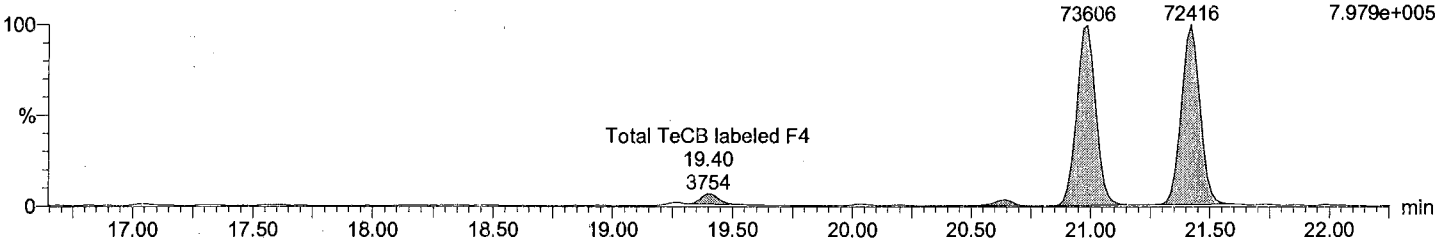
F4:Voltage SIR,EI+  
291.9194  
3.785e+004



**Total TeCB labeled F4**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

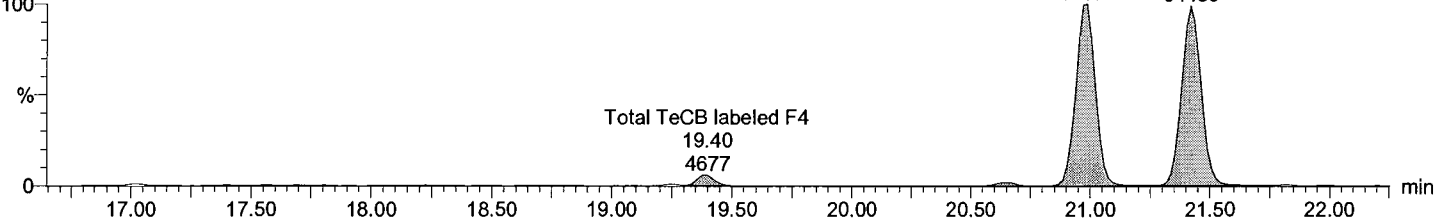
PCB 81L 20.99 73606  
PCB 77L 21.42 72416  
F4:Voltage SIR,EI+  
301.9626  
7.979e+005



**Total TeCB labeled F4**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 81L 20.99 94676  
PCB 77L 21.42 94489  
F4:Voltage SIR,EI+  
303.9597  
9.970e+005





Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x

Vial: 11

Date: 10-Jun-2017

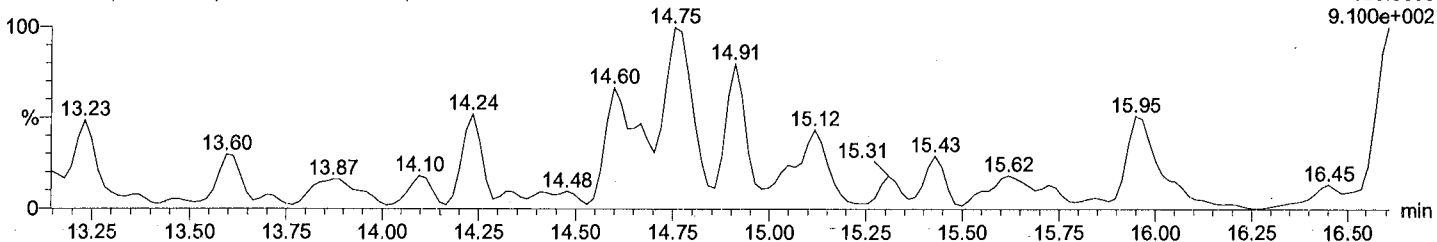
Time: 03:02:53

Instrument:

Total PeCB F3

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

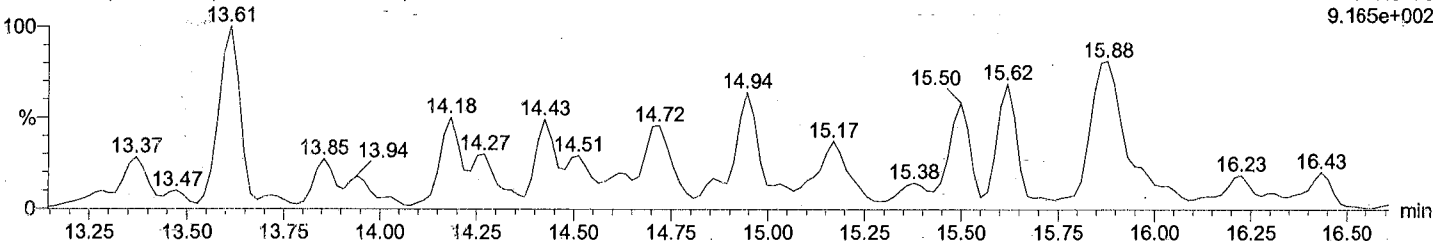
F3:Voltage SIR,EI+  
325.8805  
9.100e+002



Total PeCB F3

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F3:Voltage SIR,EI+  
327.8775  
9.165e+002

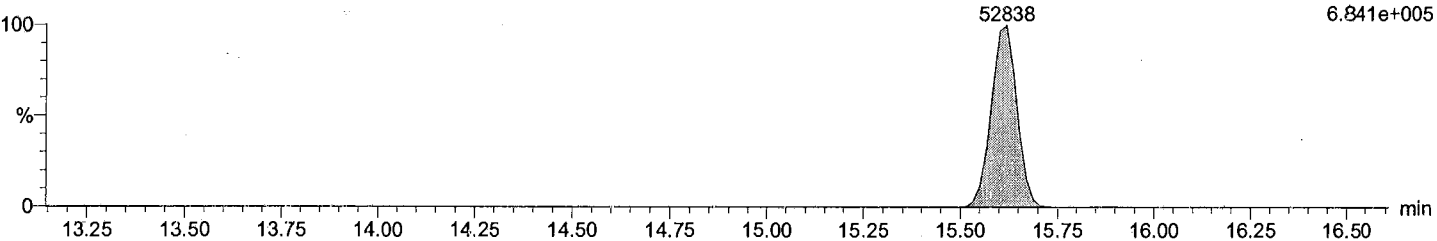


Total PeCB labeled F3

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 104L  
15.62  
52838

F3:Voltage SIR,EI+  
337.9207  
6.841e+005

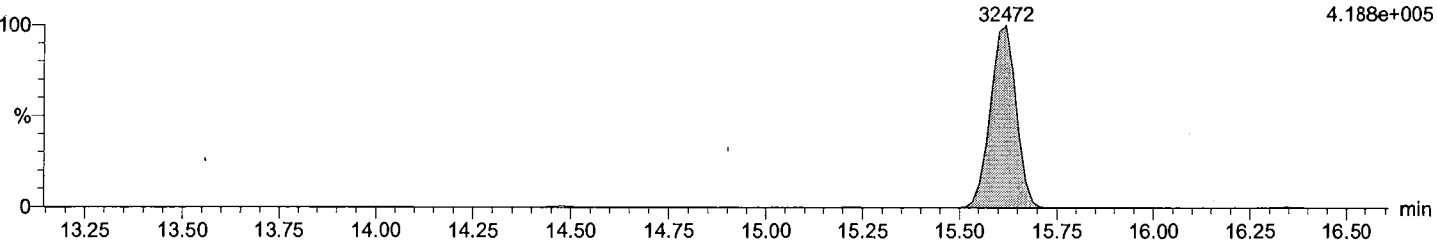


Total PeCB labeled F3

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 104L  
15.62  
32472

F3:Voltage SIR,EI+  
339.9178  
4.188e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

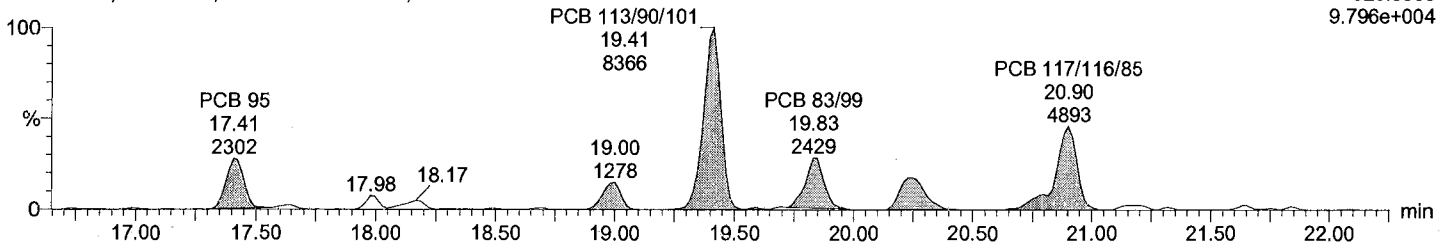
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x  
Vial: 11  
Date: 10-Jun-2017  
Time: 03:02:53  
Instrument:

Total PeCB F4

M1170609B11 Smooth(SG,2x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

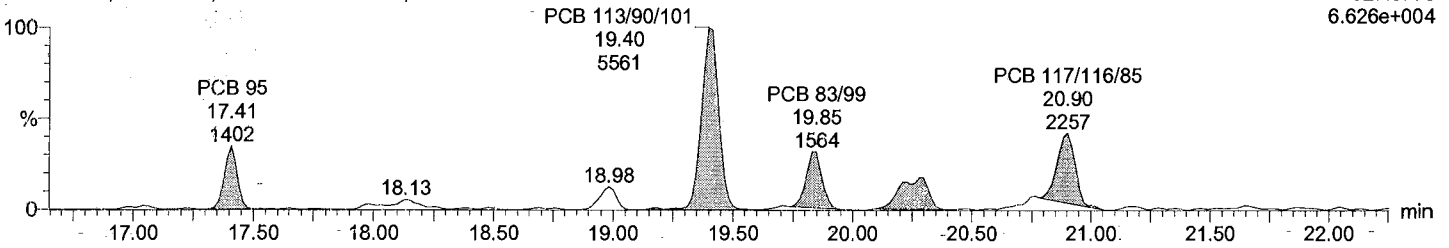
F4:Voltage SIR,EI+  
325.8805  
9.796e+004



Total PeCB F4

M1170609B11 Smooth(SG,2x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

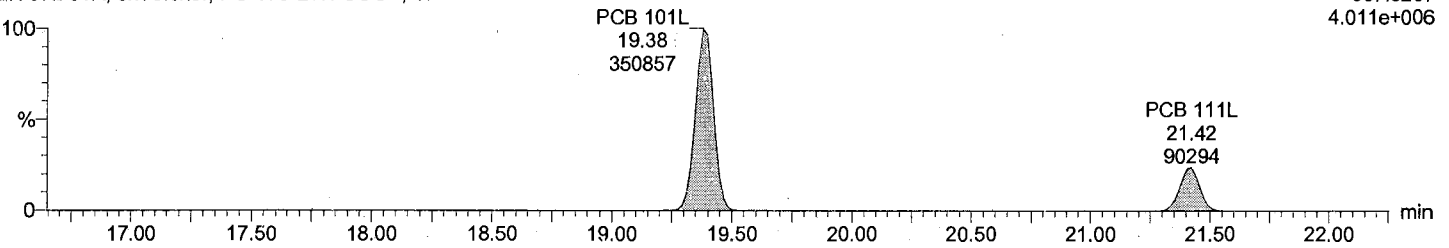
F4:Voltage SIR,EI+  
327.8775  
6.626e+004



Total PeCB labeled F4

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

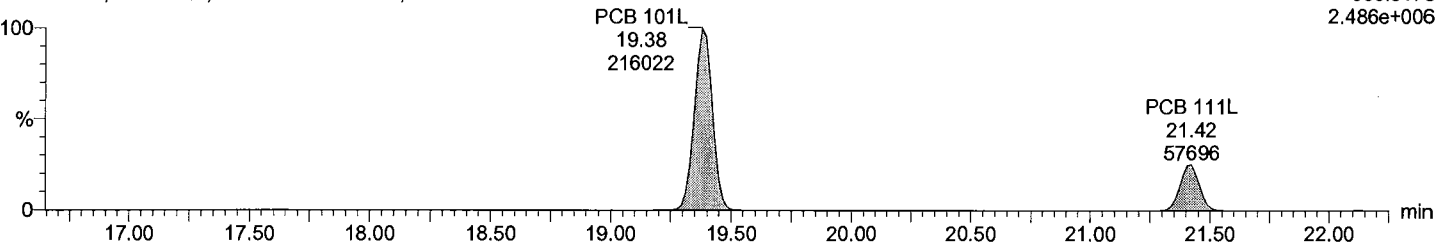
F4:Voltage SIR,EI+  
337.9207  
4.011e+006



Total PeCB labeled F4

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F4:Voltage SIR,EI+  
339.9178  
2.486e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

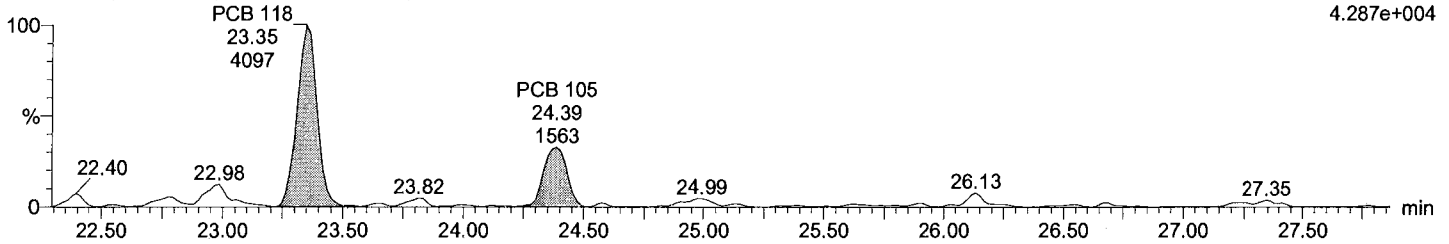
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x  
Vial: 11  
Date: 10-Jun-2017  
Time: 03:02:53  
Instrument:

Total PeCB F5

M1170609B11 Smooth(SG,2x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

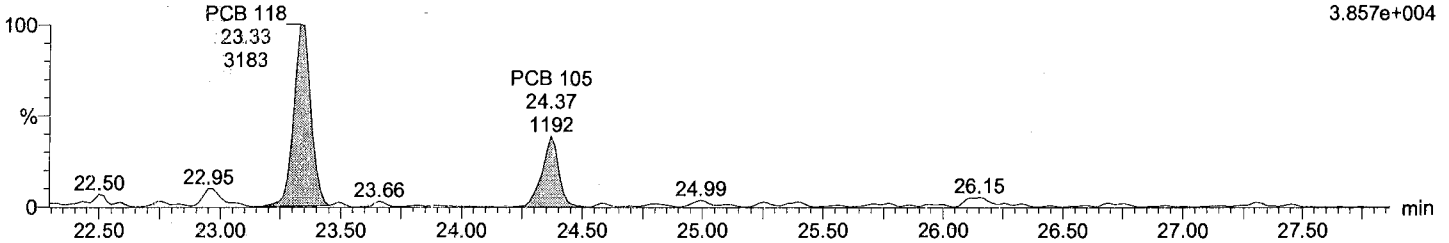
F5:Voltage SIR,EI+  
325.8805  
4.287e+004



Total PeCB F5

M1170609B11 Smooth(SG,2x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

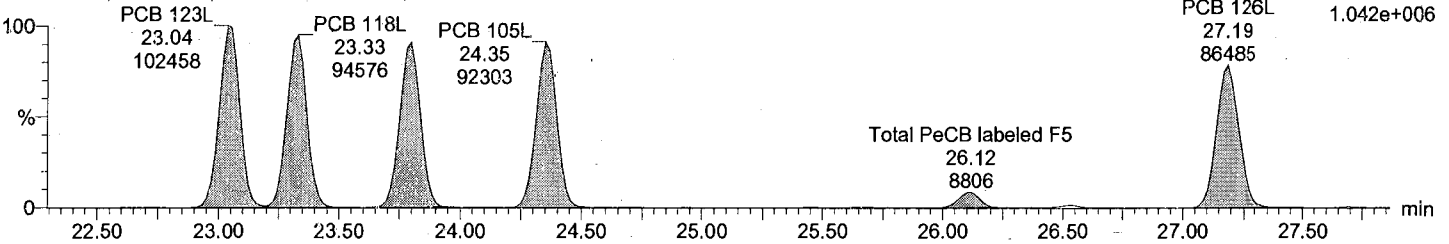
F5:Voltage SIR,EI+  
327.8775  
3.857e+004



Total PeCB labeled F5

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

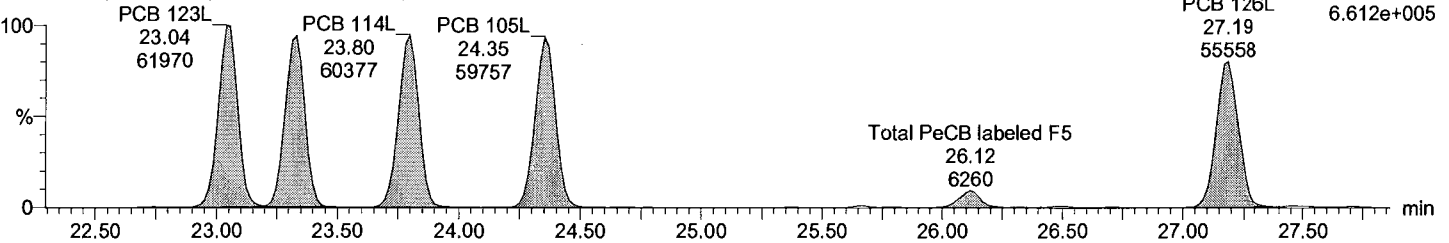
F5:Voltage SIR,EI+  
337.9207  
1.042e+006



Total PeCB labeled F5

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F5:Voltage SIR,EI+  
339.9178  
6.612e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x

Vial: 11

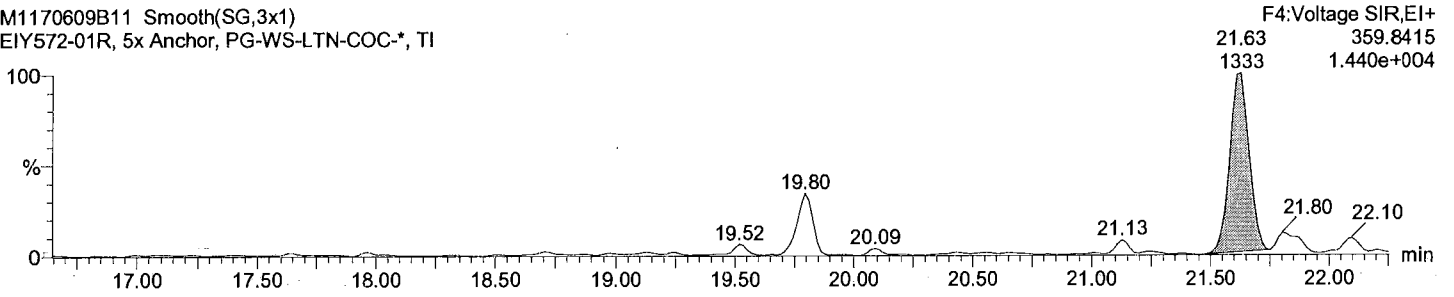
Date: 10-Jun-2017

Time: 03:02:53

Instrument:

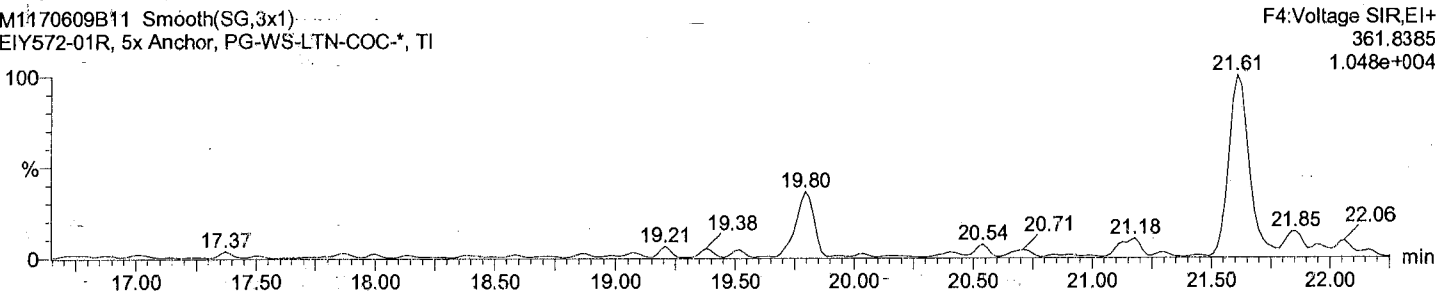
Total HxCB F4

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



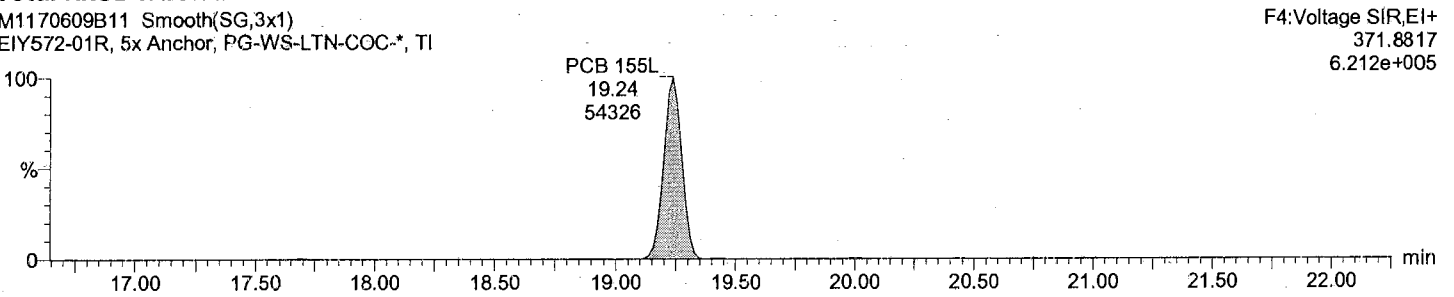
Total HxCB F4

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



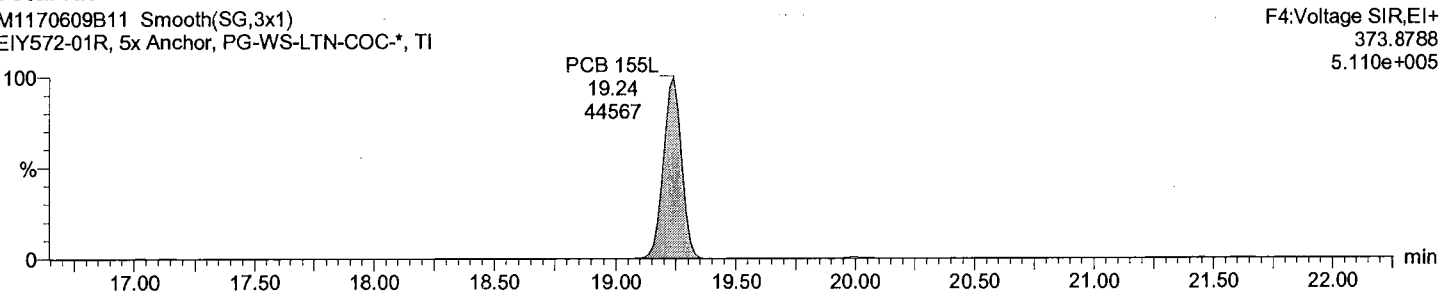
Total HxCB labeled F4

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Total HxCB labeled F4

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

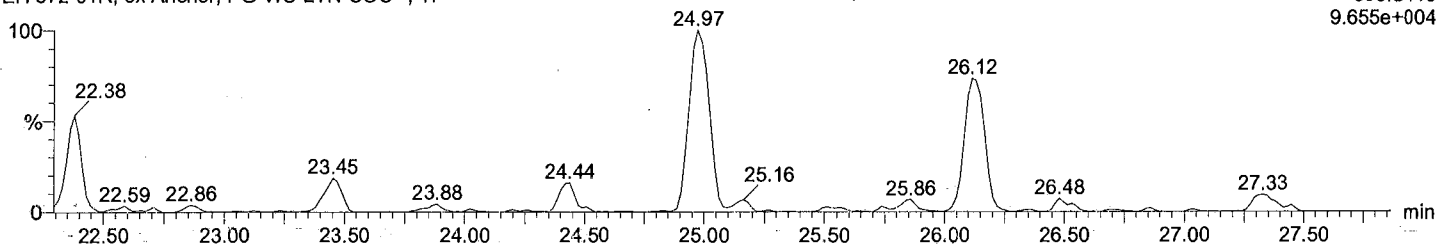
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x  
Vial: 11  
Date: 10-Jun-2017  
Time: 03:02:53  
Instrument:

**Total HxCB F5**

M1170609B11 Smooth(SG,1x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

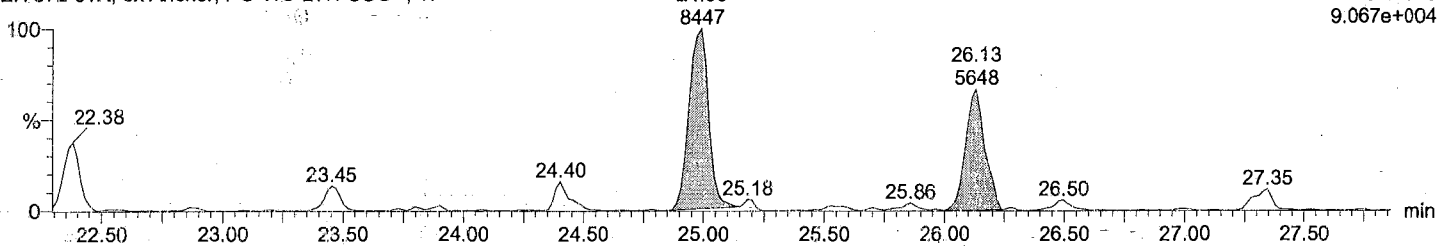
F5:Voltage SIR,EI+  
359.8415  
9.655e+004



**Total HxCB F5**

M1170609B11 Smooth(SG,1x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

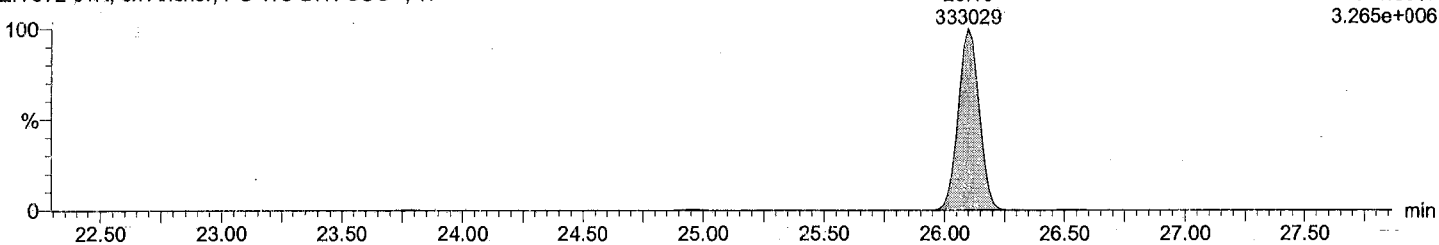
F5:Voltage SIR,EI+  
361.8385  
9.067e+004



**Total HxCB labeled F5**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

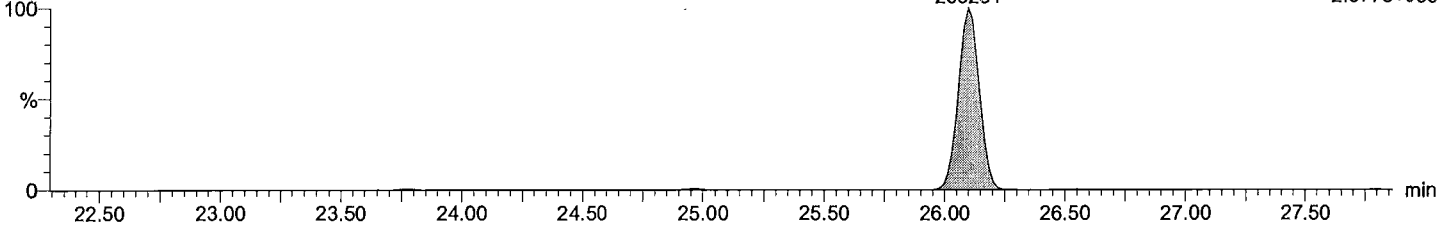
PCB 138L  
26.10  
333029  
F5:Voltage SIR,EI+  
371.8817  
3.265e+006



**Total HxCB labeled F5**

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 138L  
26.10  
263231  
F5:Voltage SIR,EI+  
373.8788  
2.577e+006



Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

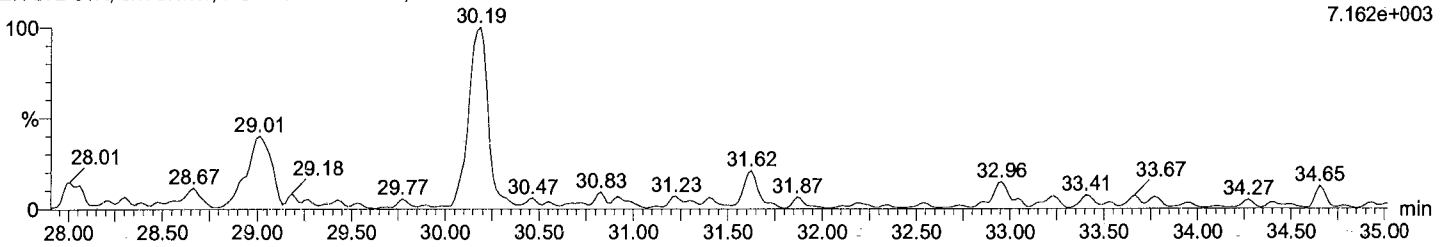
Description: EIY572-01R, 5x

Vial: 11  
Date: 10-Jun-2017  
Time: 03:02:53  
Instrument:

Total HxCB F6

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

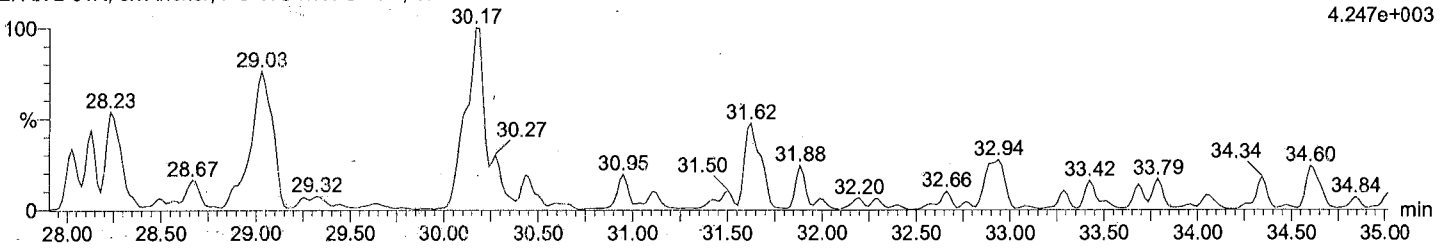
F6:Voltage SIR,EI+  
359.8415  
7.162e+003



Total HxCB F6

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

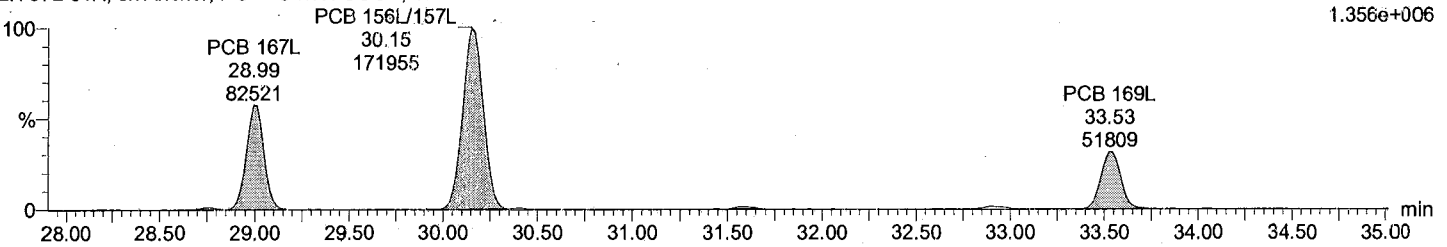
F6:Voltage SIR,EI+  
361.8385  
4.247e+003



Total HxCB labeled F6

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

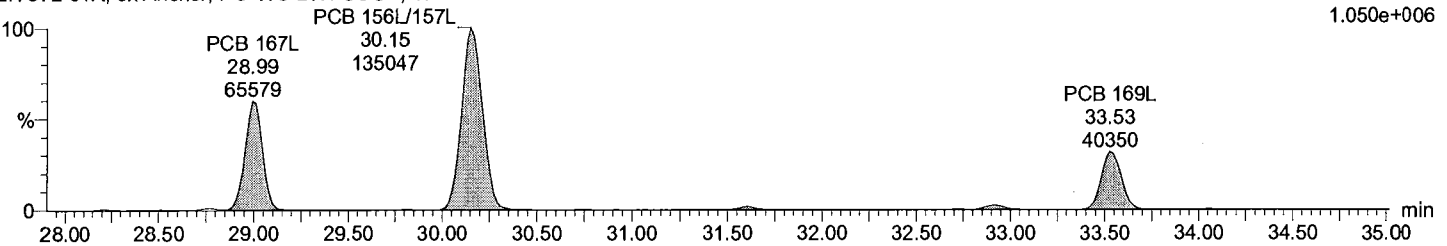
F6:Voltage SIR,EI+  
371.8817  
1.356e+006



Total HxCB labeled F6

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
373.8788  
1.050e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

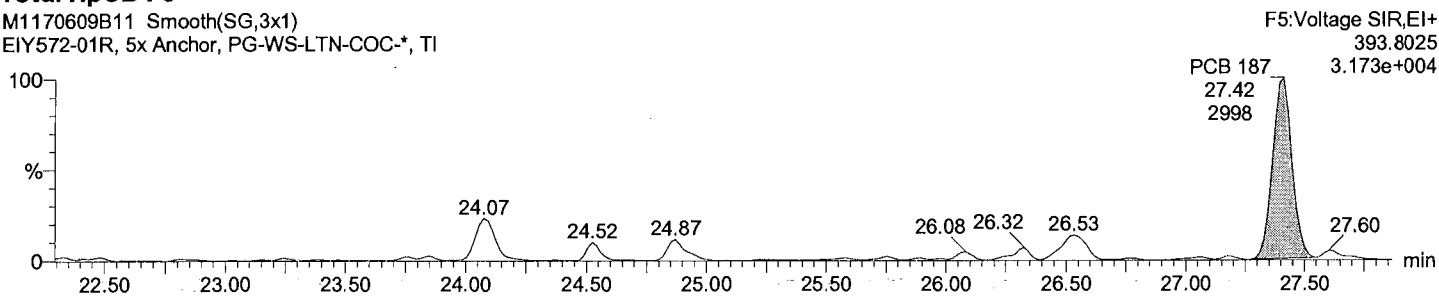
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x

Vial: 11  
Date: 10-Jun-2017  
Time: 03:02:53  
Instrument:

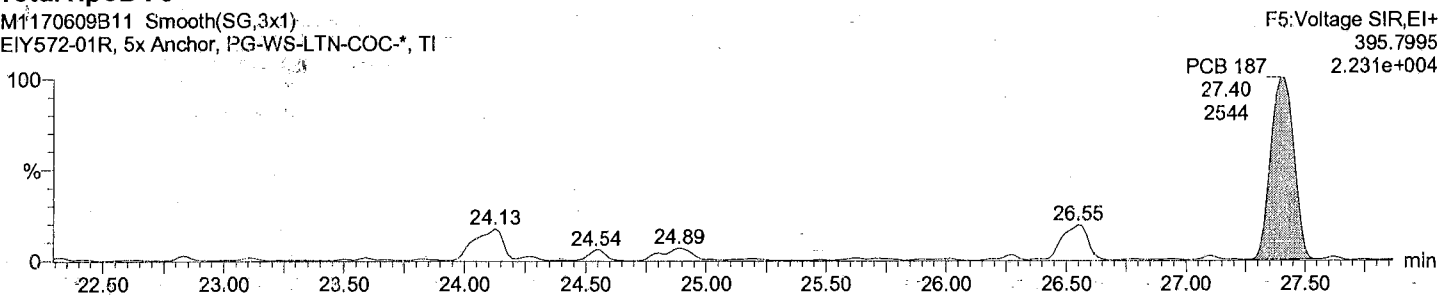
Total HpCB F5

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



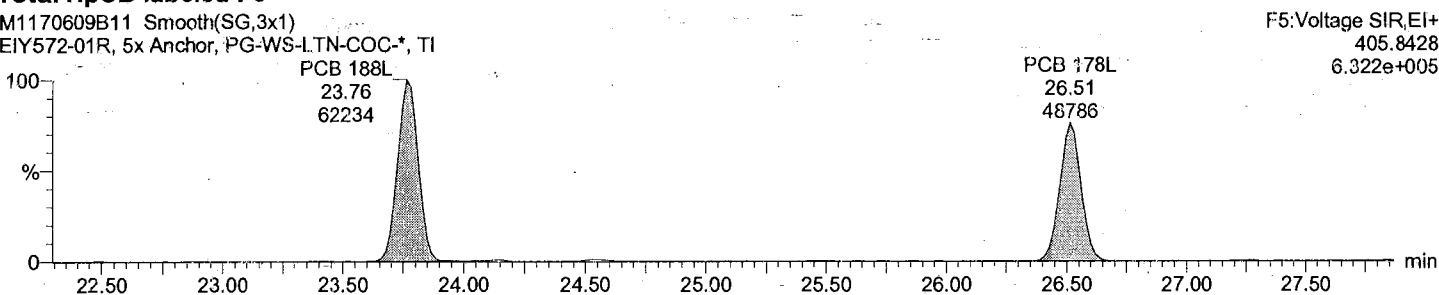
Total HpCB F5

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



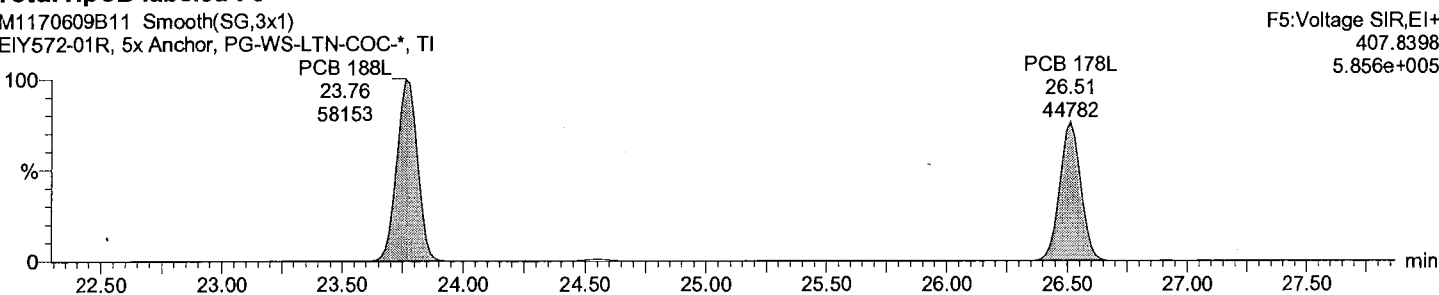
Total HpCB labeled F5

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Total HpCB labeled F5

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x

Vial: 11

Date: 10-Jun-2017

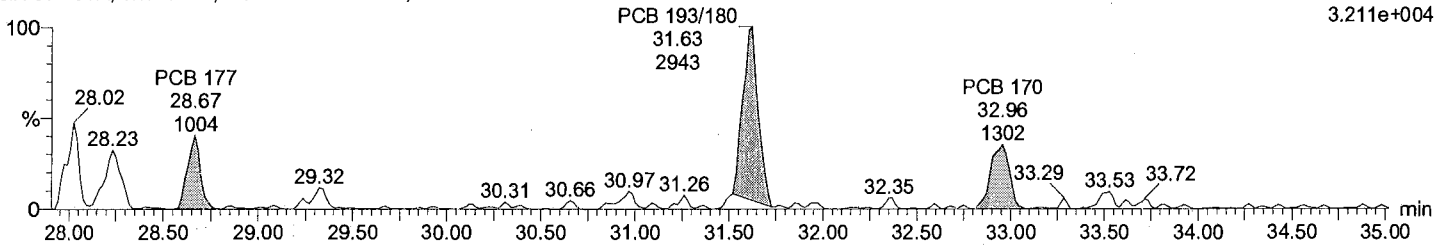
Time: 03:02:53

Instrument:

Total HpCB F6

M1170609B11 Smooth(SG,1x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

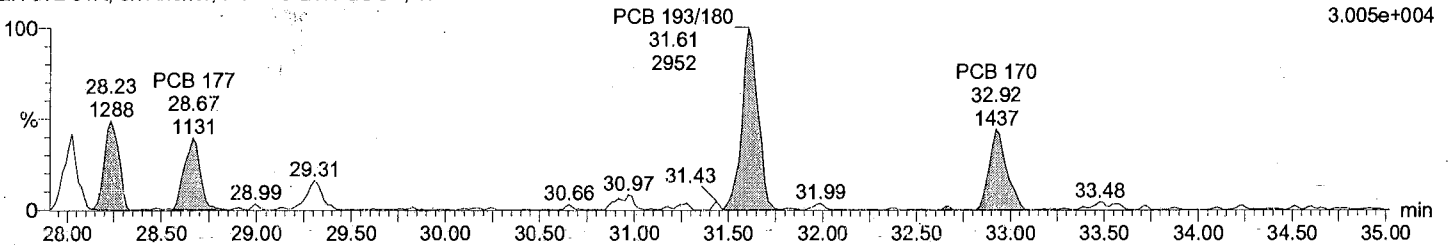
F6:Voltage SIR,EI+  
393.8025  
3.211e+004



Total HpCB F6

M1170609B11 Smooth(SG,1x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

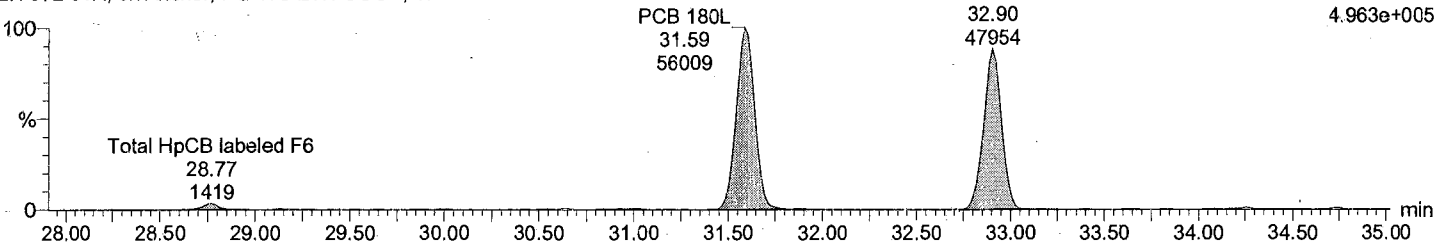
F6:Voltage SIR,EI+  
395.7995  
3.005e+004



Total HpCB labeled F6

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

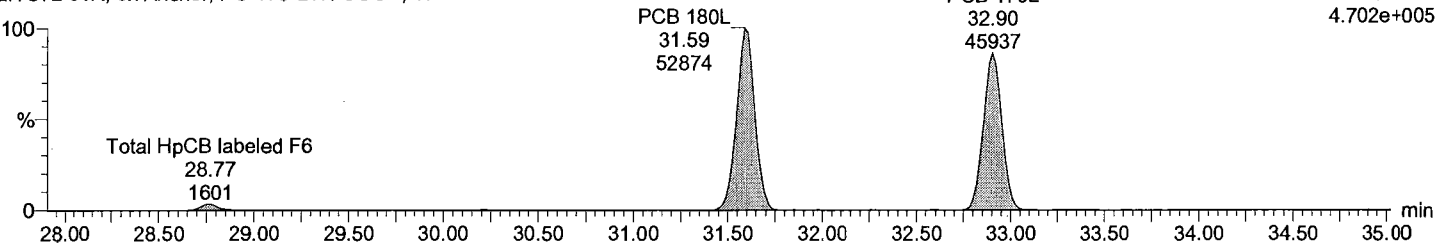
F6:Voltage SIR,EI+  
405.8428  
4.963e+005



Total HpCB labeled F6

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F6:Voltage SIR,EI+  
407.8398  
4.702e+005





Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

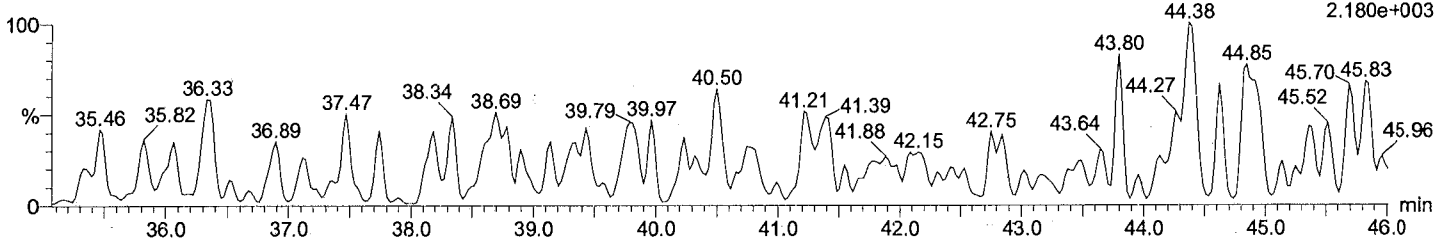
Description: EIY572-01R, 5x

Vial: 11  
Date: 10-Jun-2017  
Time: 03:02:53  
Instrument:

Total HpCB F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

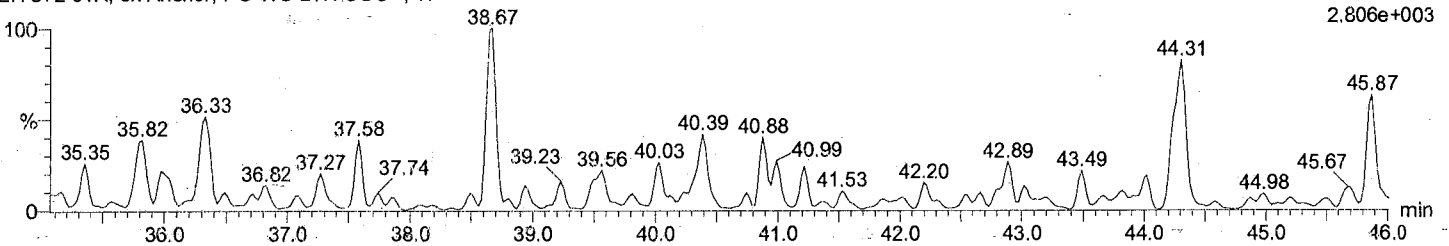
F7:Voltage SIR,EI+  
393.8025  
2.180e+003



Total HpCB F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

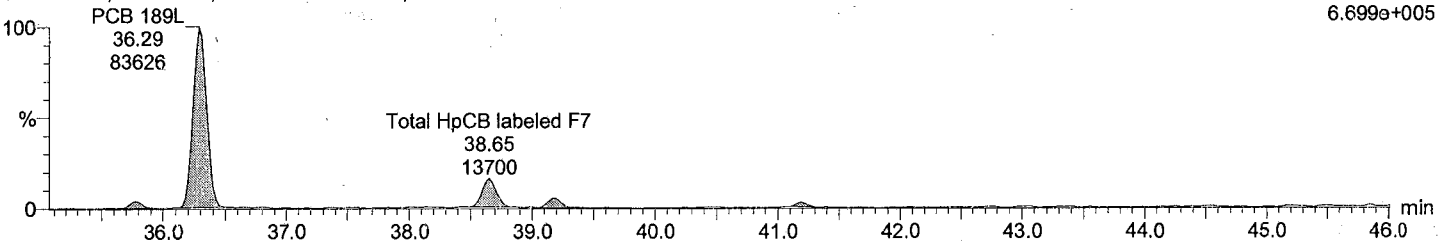
F7:Voltage SIR,EI+  
395.7996  
2.806e+003



Total HpCB labeled F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

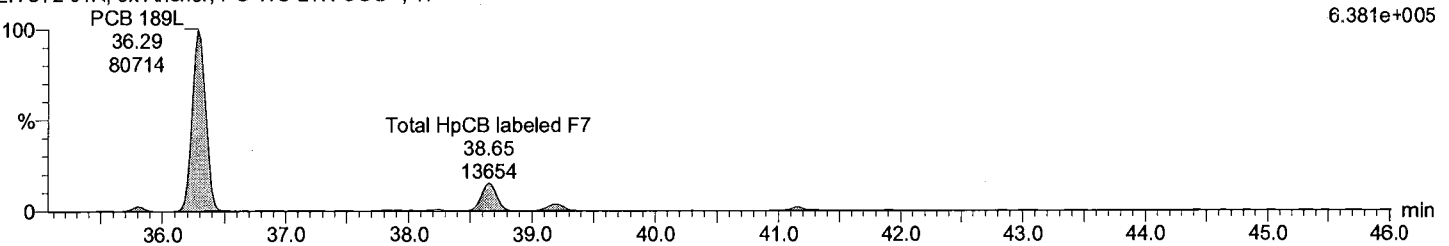
F7:Voltage SIR,EI+  
405.8428  
6.699e+005



Total HpCB labeled F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
407.8398  
6.381e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x

Vial: 11

Date: 10-Jun-2017

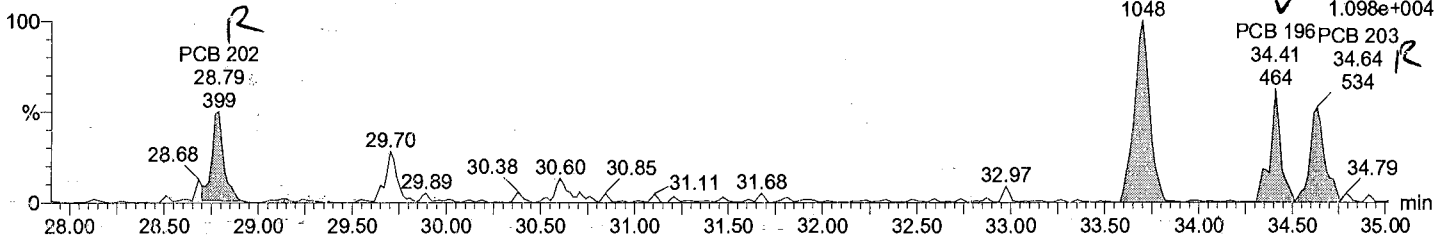
Time: 03:02:53

Instrument:

①

Total OcCB F6

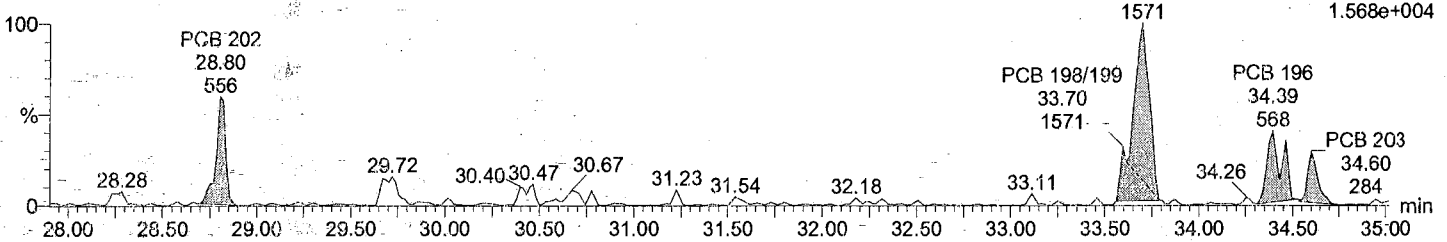
M1170609B11 Smooth(SG,1x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



R  
PCB 198/199 33.70 1048  
F6:Voltage SIR,EI+ 427.7635 1.098e+004  
✓  
PCB 196 34.41 464  
PCB 203 34.64 534 R

Total OcCB F6

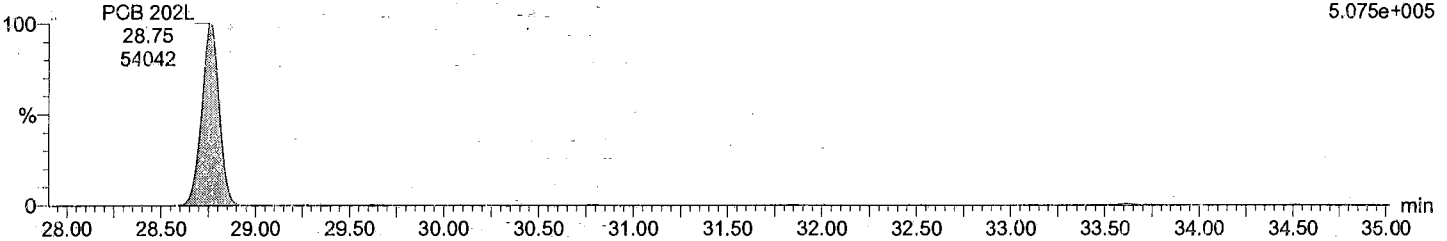
M1170609B11 Smooth(SG,1x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



PCB 198/199 33.70 1571  
F6:Voltage SIR,EI+ 429.7606 1.568e+004

Total OcCB labeled F6

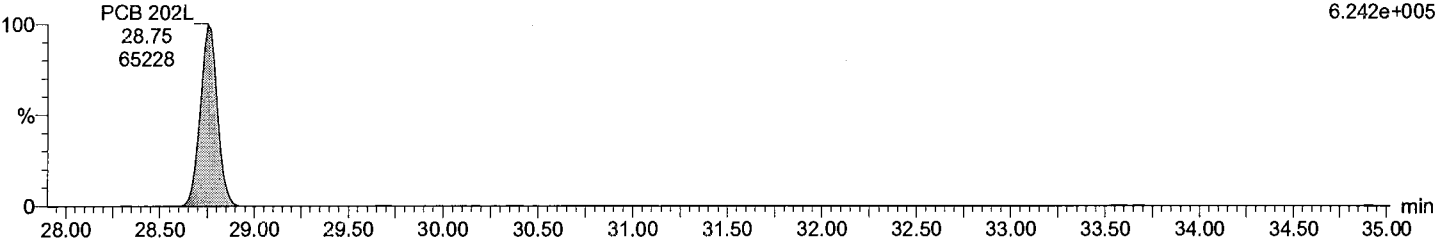
M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



F6:Voltage SIR,EI+ 439.8038 5.075e+005

Total OcCB labeled F6

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



F6:Voltage SIR,EI+ 441.8008 6.242e+005

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x

Vial: 11

Date: 10-Jun-2017

Time: 03:02:53

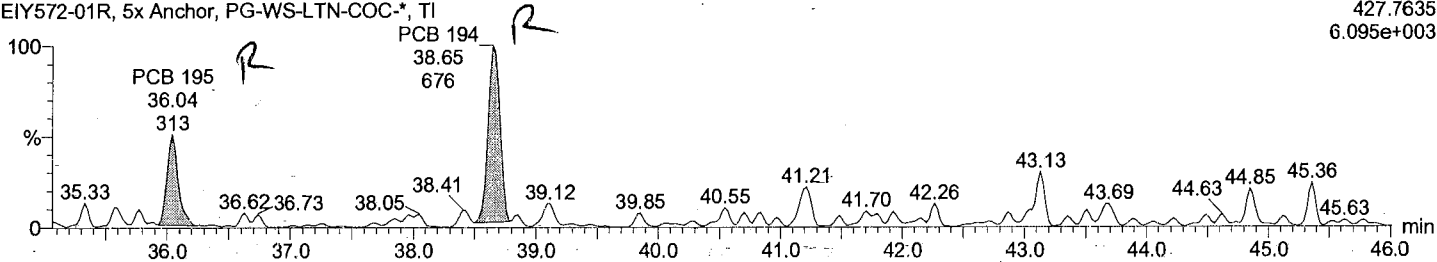
Instrument:

①

Total OcCB F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

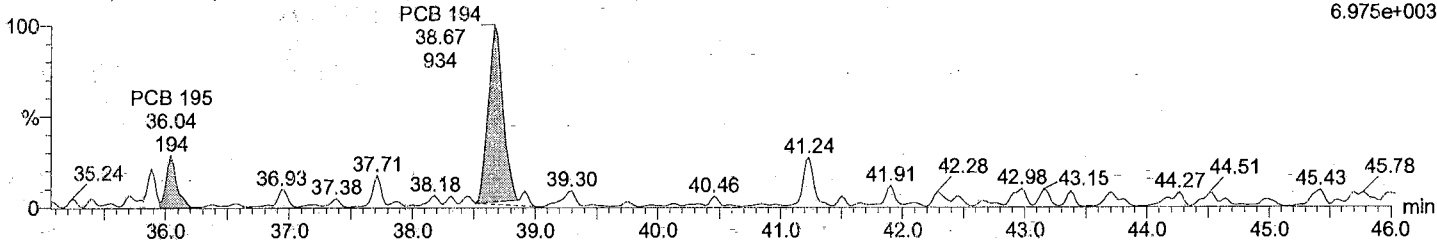
$h=4.415E2$   
F7:Voltage SIR,EI+  
427.7635  
6.095e+003



Total OcCB F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

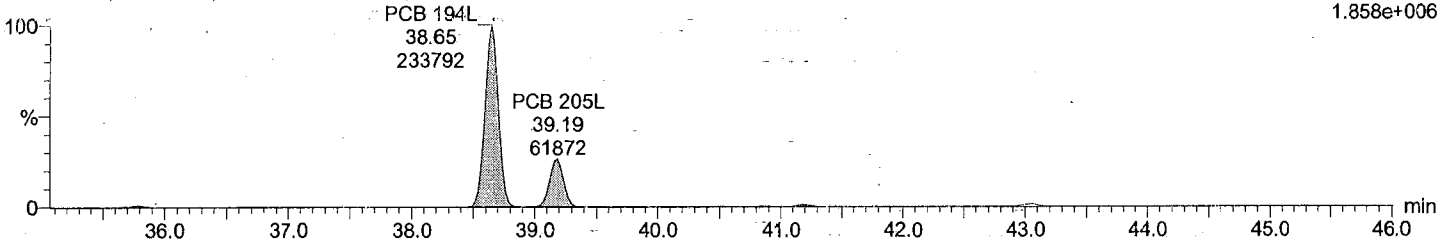
F7:Voltage SIR,EI+  
429.7606  
6.975e+003



Total OcCB labeled F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

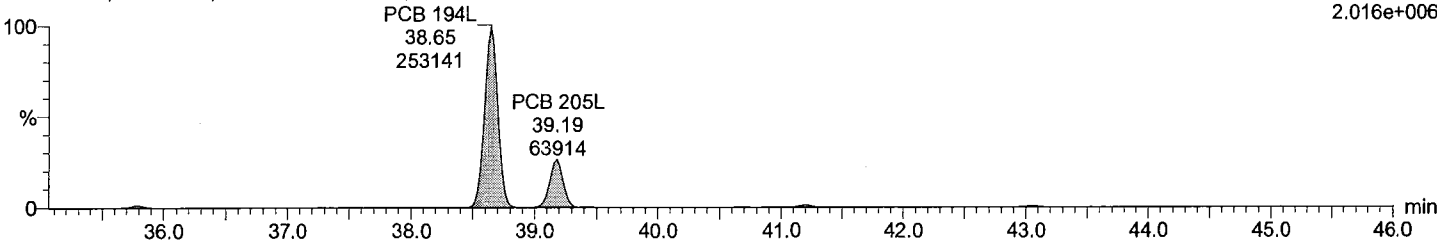
F7:Voltage SIR,EI+  
439.8038  
1.858e+006



Total OcCB labeled F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
441.8008  
2.016e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x

Vial: 11

Date: 10-Jun-2017

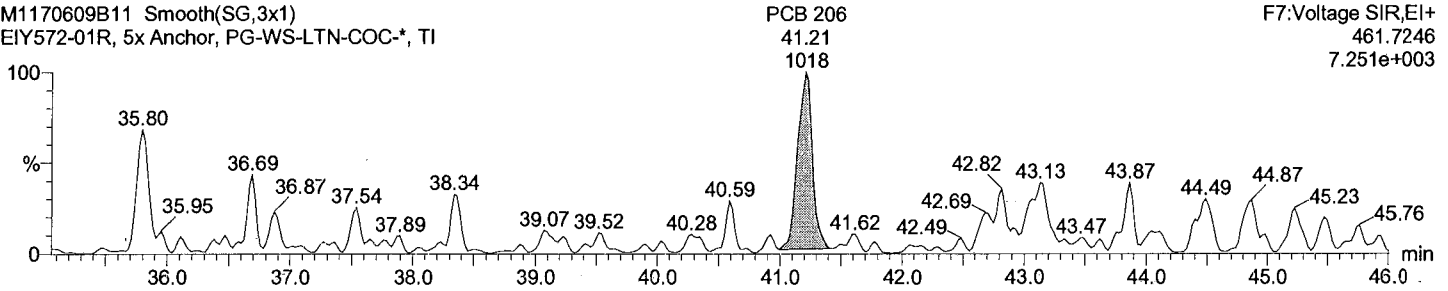
Time: 03:02:53

Instrument:

Total NoCB F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

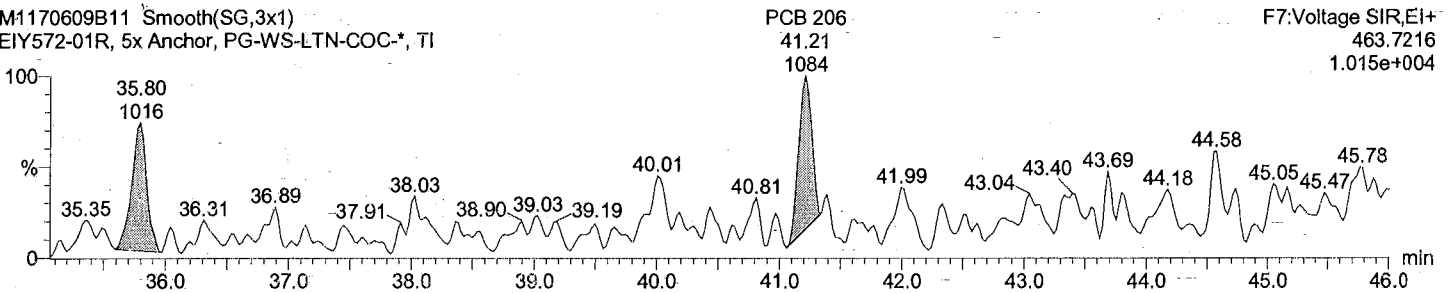
F7:Voltage SIR,EI+  
461.7246  
7.251e+003



Total NoCB F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

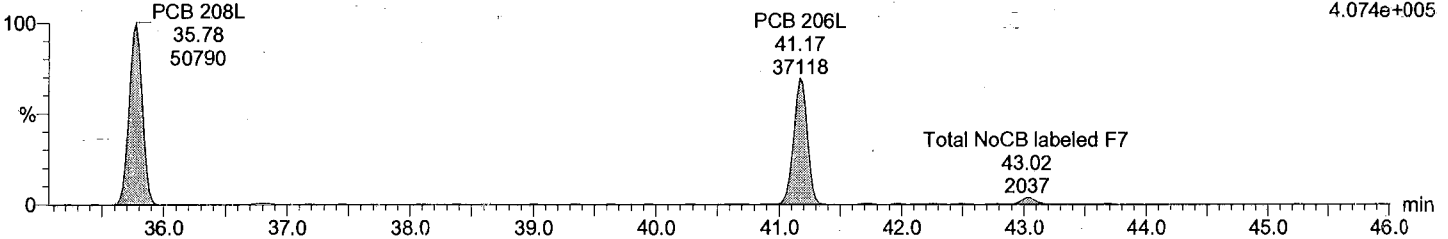
F7:Voltage SIR,EI+  
463.7216  
1.015e+004



Total NoCB labeled F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

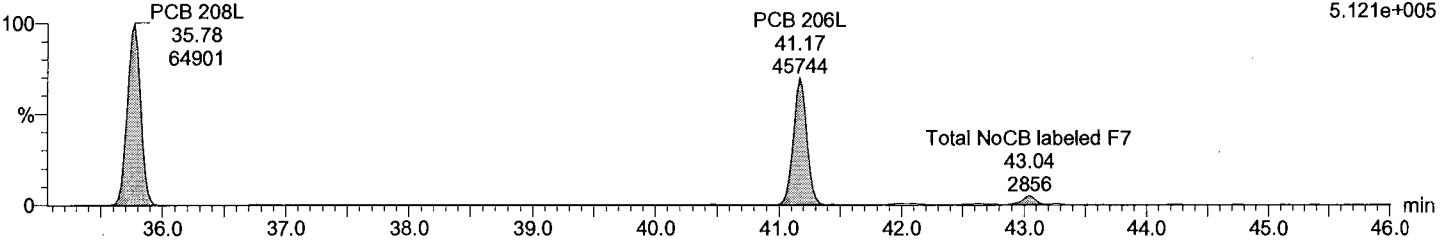
F7:Voltage SIR,EI+  
473.7648  
4.074e+005



Total NoCB labeled F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
475.7619  
5.121e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x

Vial: 11

Date: 10-Jun-2017

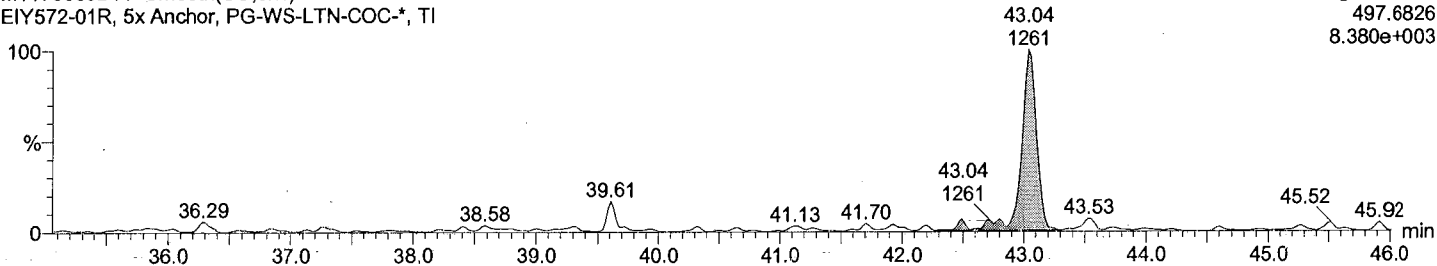
Time: 03:02:53

Instrument:

Total DeCB F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

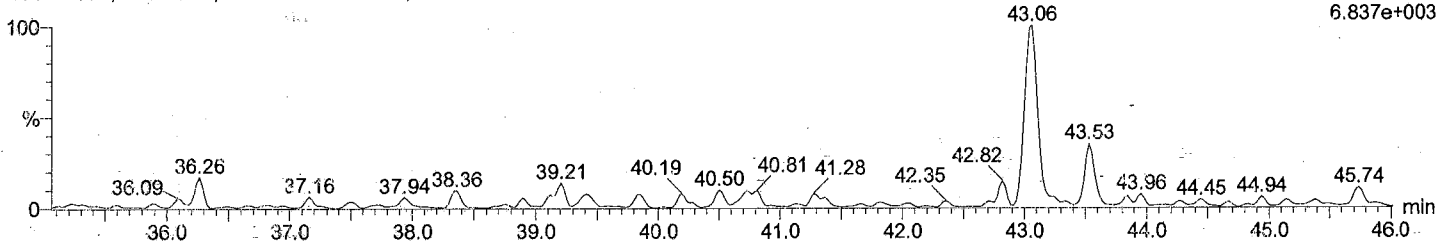
F7:Voltage SIR,EI+  
497.6826  
8.380e+003



Total DeCB F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

F7:Voltage SIR,EI+  
499.6797  
6.837e+003

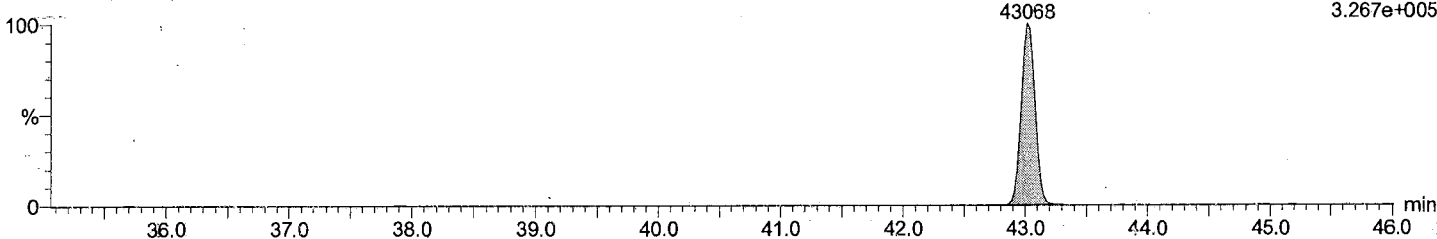


Total DeCB labeled F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 209L  
43.02  
43068

F7:Voltage SIR,EI+  
509.7229  
3.267e+005

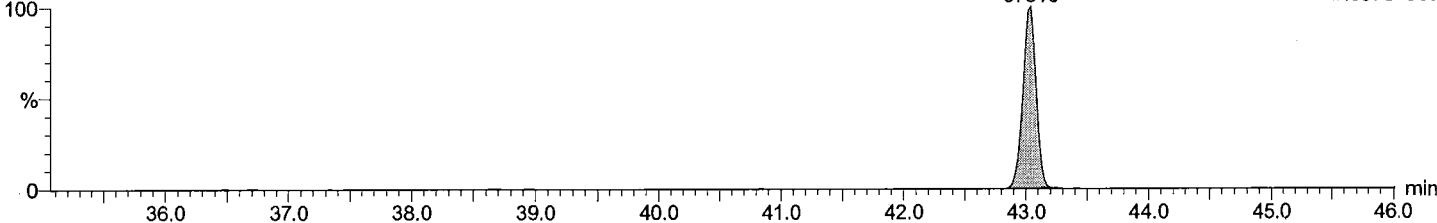


Total DeCB labeled F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI

PCB 209L  
43.04  
37516

F7:Voltage SIR,EI+  
511.7199  
2.957e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x

Vial: 11

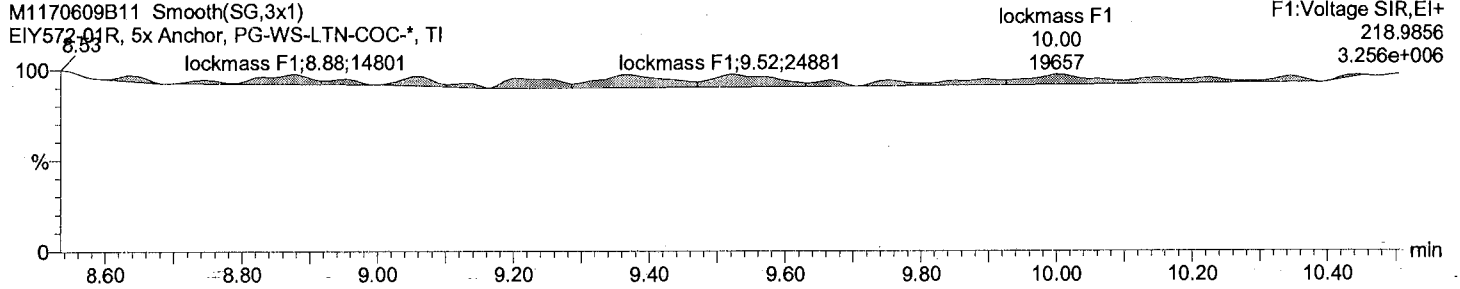
Date: 10-Jun-2017

Time: 03:02:53

Instrument:

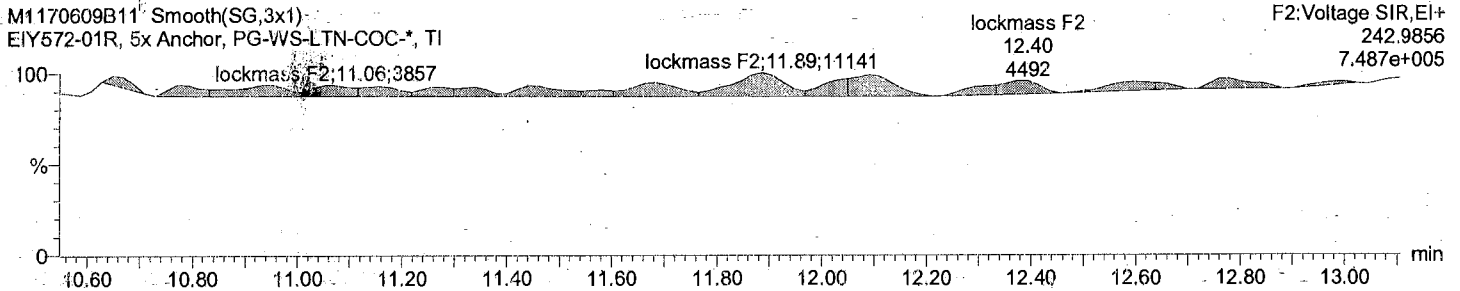
lockmass F1

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



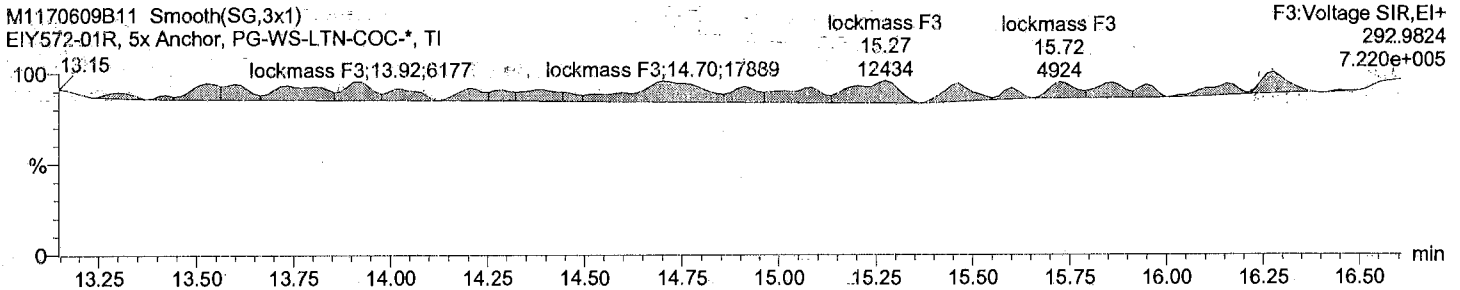
lockmass F2

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



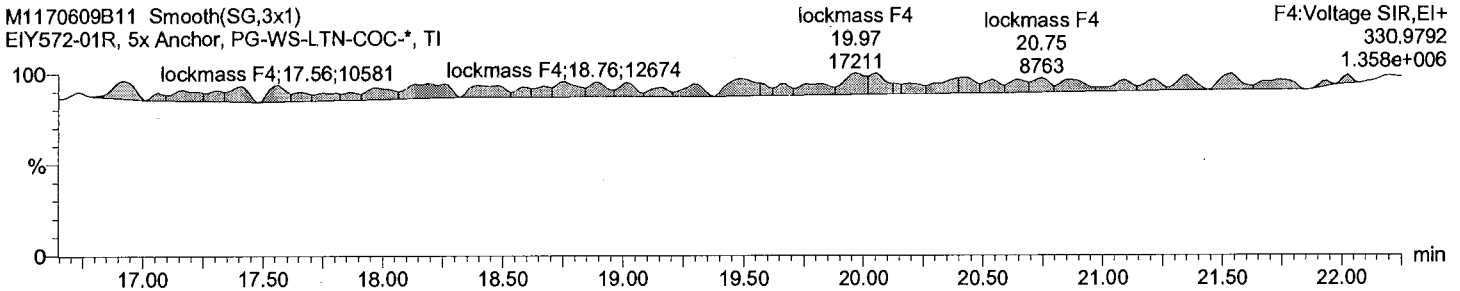
lockmass F3

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



lockmass F4

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY572-01R, 5x

Vial: 11

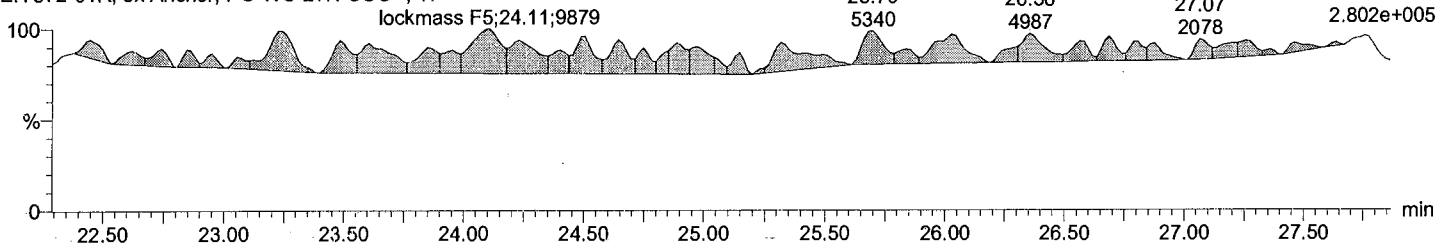
Date: 10-Jun-2017

Time: 03:02:53

Instrument:

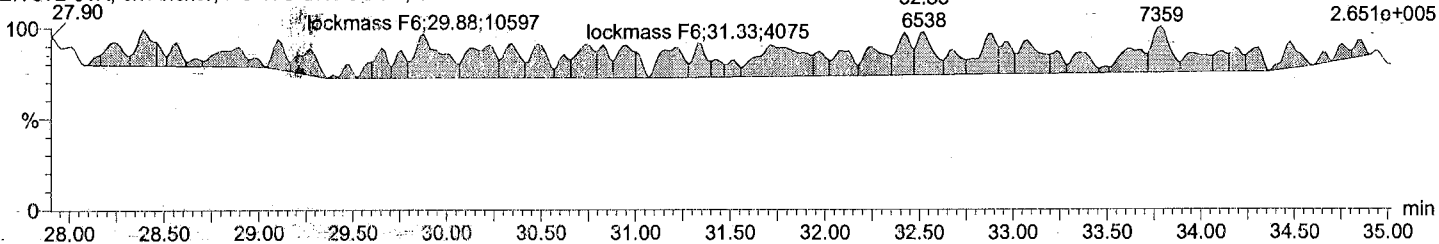
lockmass F5

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



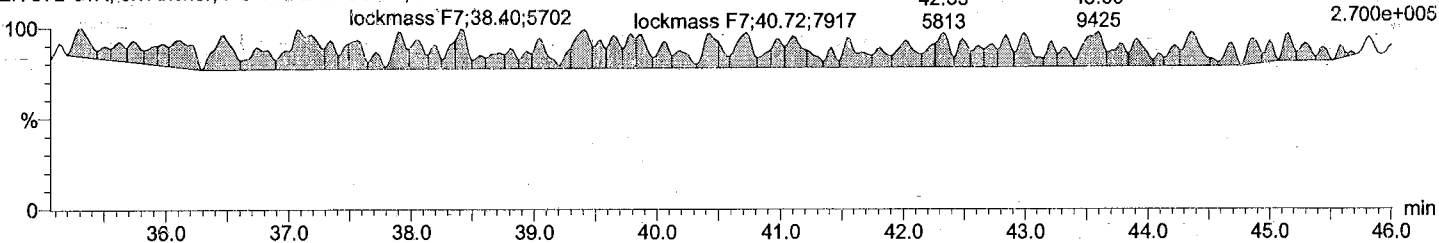
lockmass F6

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



lockmass F7

M1170609B11 Smooth(SG,3x1)  
EIY572-01R, 5x Anchor, PG-WS-LTN-COC-\*, TI



Filename M1170609B12  
 Acquired 10/06/2017 3:53

Call File PCB209\_M1170609B

Sample ID EY574-01R, 5x  
 Comments  
 Instrument File Ultima 1  
 Sample Size 10.016

Dil Fac 1.00

5X

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	DL	S/N	Mod	rf	Rec
1 PCB 1	188	NotFnd	*	*	*	*		0.001		no	1.053	-
	MoCB 190	8.83	*	no	*	*						
2 PCB 2	188	NotFnd	*	*	*	*		0.001		no	1.198	-
	MoCB 190	9.92	*	no	*	*						
3 PCB 3	188	NotFnd	*	*	*	*		0.001		no	1.055	-
	MoCB 190	10.01	*	no	*	*						
4 PCB 4	222	NotFnd	*	*	*	*		0.004		no	1.191	-
	DICB 224	10.12	*	no	*	*						
5 PCB 10	222	NotFnd	*	*	*	*		0.003		no	1.156	-
	DICB 224	10.21	*	no	*	*						
6 PCB 9	222	NotFnd	*	*	*	*		0.005		no	1.544	-
	DICB 224	11.01	*	no	*	*						
7 PCB 7	222	NotFnd	*	*	*	*		0.005		no	1.399	-
	DICB 224	11.09	*	no	*	*						
8 PCB 6	222	NotFnd	*	*	*	*		0.005		no	1.424	-
	DICB 224	11.19	*	no	*	*						
9 PCB 5	222	NotFnd	*	*	*	*		0.005		no	1.462	-
	DICB 224	11.31	*	no	*	*						
10 PCB 8	222	NotFnd	*	*	*	*		0.005		no	1.443	-
	DICB 224	11.37	*	no	*	*						
11 PCB 14	222	NotFnd	*	*	*	*		0.005		no	1.506	-
	DICB 224	12.05	*	no	*	*						
12 PCB 11	222	12.41	2809	0.89	5974	0.010314		0.005	36	no	1.42	-
	DICB 224	12.42	3166	no	*	*			4			
13 PCB 13/12	222	NotFnd	*	*	*	*		0.005		no	1.443	-
	DICB 224	12.56	*	no	*	*						
14 PCB 15	222	NotFnd	*	*	*	*		0.006		no	0.956	-
	DICB 224	12.70	*	no	*	*						
15 PCB 19	256	NotFnd	*	*	*	*		0.004		no	1.06	-
	TriCB 258	11.48	*	no	*	*						
16 PCB 30/18	256	NotFnd	*	*	*	*		0.002		no	1.033	-
	TriCB 258	12.27	*	no	*	*						
17 PCB 17	256	NotFnd	*	*	*	*		0.003		no	0.838	-
	TriCB 258	12.48	*	no	*	*						
18 PCB 27	256	NotFnd	*	*	*	*		0.002		no	1.164	-
	TriCB 258	12.58	*	no	*	*						
19 PCB 24	256	NotFnd	*	*	*	*		0.002		no	1.35	-
	TriCB 258	12.61	*	no	*	*						
20 PCB 16	256	NotFnd	*	*	*	*		0.004		no	0.606	-
	TriCB 258	12.69	*	no	*	*						
21 PCB 32	256	NotFnd	*	*	*	*		0.002		no	1.334	-
	TriCB 258	12.90	*	no	*	*						
22 PCB 34	256	NotFnd	*	*	*	*		0		no	1.427	-
	TriCB 258	13.46	*	no	*	*						
23 PCB 23	256	NotFnd	*	*	*	*		0		no	1.32	-
	TriCB 258	13.56	*	no	*	*						
24 PCB 28/29	256	NotFnd	*	*	*	*		0		no	1.443	-
	TriCB 258	13.72	*	no	*	*						
25 PCB 25	256	NotFnd	*	*	*	*		0		no	1.389	-
	TriCB 258	13.85	*	no	*	*						
26 PCB 31	256	13.98	1312	1	2630	0.003382		0	40	no	1.627	-
	TriCB 258	14.01	1318	yes	*	*			34			
27 PCB 28/20	256	14.13	1633	1.3	2888	0.003935		0	51	no	1.441	-
	TriCB 258	14.16	1255	no	*	*			38			
28 PCB 21/33	256	NotFnd	*	*	*	*		0		no	1.391	-
	TriCB 258	14.27	*	no	*	*						
29 PCB 22	256	NotFnd	*	*	*	*		0		no	1.357	-
	TriCB 258	14.47	*	no	*	*						
30 PCB 36	256	NotFnd	*	*	*	*		0		no	1.632	-
	TriCB 258	15.30	*	no	*	*						
31 PCB 39	256	NotFnd	*	*	*	*		0		no	1.448	-
	TriCB 258	15.50	*	no	*	*						
32 PCB 38	256	NotFnd	*	*	*	*		0		no	1.474	-
	TriCB 258	15.87	*	no	*	*						
33 PCB 35	256	NotFnd	*	*	*	*		0		no	1.4	-
	TriCB 258	16.10	*	no	*	*						
34 PCB 37	256	NotFnd	*	*	*	*		0		no	0.951	-
	TriCB 258	16.36	*	no	*	*						
35 PCB 54	290	NotFnd	*	*	*	*		0.001		no	1.071	-
	TCB 292	12.82	*	no	*	*						
36 PCB 53/50	290	NotFnd	*	*	*	*		0.001		no	0.861	-
	TCB 292	13.86	*	no	*	*						
37 PCB 45/51	290	NotFnd	*	*	*	*		0.001		no	0.832	-
	TCB 292	14.21	*	no	*	*						
38 PCB 46	290	NotFnd	*	*	*	*		0.002		no	0.718	-
	TCB 292	14.35	*	no	*	*						
39 PCB 52	290	15.07	2154	0.84	4709	0.007786		0.001	38	no	0.961	-
	TCB 292	15.05	2556	yes	*	*			26			
40 PCB 73	290	NotFnd	*	*	*	*		0.001		no	1.012	-
	TCB 292	15.14	*	no	*	*						
41 PCB 43	290	NotFnd	*	*	*	*		0.001		no	0.787	-
	TCB 292	15.21	*	no	*	*						
42 PCB 69/49	290	15.34	1393	0.79	3148	0.005247		0.001	26	no	0.953	-
	TCB 292	15.34	1755	yes	*	*			16			
43 PCB 48	290	NotFnd	*	*	*	*		0.001		no	0.848	-
	TCB 292	15.50	*	no	*	*						
44 PCB 44/47/65	290	15.67	2748	0.66	6932	0.012012		0.001	44	no	0.917	-
	TCB 292	15.64	4184	yes	*	*			34			
45 PCB 59/62/75	290	NotFnd	*	*	*	*		0.001		no	1.12	-





95 PCB 155	360	NotFnd	*	*	*	0.001	no	1.103	-
	HxCB 362	19.26	*	no	*				
96 PCB 152	360	NotFnd	*	*	*	0.001	no	0.849	-
	HxCB 362	19.40	*	no	*				
97 PCB 150	360	NotFnd	*	*	*	0.001	no	0.77	-
	HxCB 362	19.53	*	no	*				
98 PCB 136	360	NotFnd	*	*	*	0.001	no	0.816	-
	HxCB 362	19.78	*	no	*				
99 PCB 145	360	NotFnd	*	*	*	0.001	no	0.755	-
	HxCB 362	20.03	*	no	*				
100 PCB 148	360	NotFnd	*	*	*	0.001	no	0.617	-
	HxCB 362	21.13	*	no	*				
101 PCB 151/135	360	1846	1.67	2951	0.008398	0.001	89	no	0.6
	HxCB 362	21.61	1105	no	*		10	no	0.691
102 PCB 154	360	NotFnd	*	*	*	0.001	no	0.618	-
	HxCB 362	21.82	*	no	*				
103 PCB 144	360	NotFnd	*	*	*	0.001	no	0.809	-
	HxCB 362	22.07	*	no	*				
104 PCB 147/149	360	NotFnd	*	*	*	0.002	no	0.689	-
	HxCB 362	22.36	*	no	*				
105 PCB 134/143	360	NotFnd	*	*	*	0.002	no	0.804	-
	HxCB 362	22.61	*	no	*				
106 PCB 139/140	360	NotFnd	*	*	*	0.002	no	0.649	-
	HxCB 362	22.88	*	no	*				
107 PCB 131	360	NotFnd	*	*	*	0.002	no	0.718	-
	HxCB 362	23.05	*	no	*				
108 PCB 142	360	NotFnd	*	*	*	0.002	no	0.7	-
	HxCB 362	23.19	*	no	*				
109 PCB 132	360	1924	1.52	3186	0.007769	0.002	21	no	0.786
	HxCB 362	23.44	1262	no	*		15	no	0.992
110 PCB 133	360	NotFnd	*	*	*	0.002	no	0.895	-
	HxCB 362	23.86	*	no	*				
111 PCB 165	360	NotFnd	*	*	*	0.001	no	1.015	-
	HxCB 362	24.21	*	no	*				
112 PCB 146	360	NotFnd	*	*	*	0.001	no	0.993	-
	HxCB 362	24.41	*	no	*				
113 PCB 161	360	NotFnd	*	*	*	0.001	no	0.784	-
	HxCB 362	24.53	*	no	*				
114 PCB 153/168	360	NotFnd	*	*	*	0.001	no	0.716	-
	HxCB 362	24.99	*	no	*				
115 PCB 141	360	NotFnd	*	*	*	0.002	no	0.675	-
	HxCB 362	25.14	*	no	*				
116 PCB 130	360	NotFnd	*	*	*	0.002	no	1.109	-
	HxCB 362	25.51	*	no	*				
117 PCB 137	360	NotFnd	*	*	*	0.002	no	0.847	-
	HxCB 362	25.75	*	no	*				
118 PCB 164	360	NotFnd	*	*	*	0.001	no	0.943	-
	HxCB 362	25.83	*	no	*				
119 PCB 136/163/129	360	NotFnd	*	*	*	0.002	no	1.103	-
	HxCB 362	26.15	*	no	*				
120 PCB 160	360	NotFnd	*	*	*	0.001	no	0.934	-
	HxCB 362	26.30	*	no	*				
121 PCB 158	360	NotFnd	*	*	*	0.001	no	1.254	-
	HxCB 362	26.47	*	no	*				
122 PCB 128/166	360	1998	1.4	3430	0.006266	0.001	24	no	1.204
	HxCB 362	27.33	1432	yes	*		9	no	1.103
123 PCB 159	360	NotFnd	*	*	*	0	no	1.047	-
	HxCB 362	28.27	*	no	*				
124 PCB 162	360	NotFnd	*	*	*	0	no	1.04	-
	HxCB 362	28.53	*	no	*				
125 PCB 167	360	NotFnd	*	*	*	0	no	1.069	-
	HxCB 362	29.02	*	no	*				
126 PCB 156/157	360	NotFnd	*	*	*	0	no	1.122	-
	HxCB 362	30.18	*	no	*				
127 PCB 169	360	NotFnd	*	*	*	0.001	no	1.054	-
	HxCB 362	33.56	*	no	*				
128 PCB 188	394	NotFnd	*	*	*	0	no	1.032	-
	HpCB 398	23.79	*	no	*				
129 PCB 179	394	NotFnd	*	*	*	0	no	0.965	-
	HpCB 398	24.07	*	no	*				
130 PCB 184	394	NotFnd	*	*	*	0	no	0.77	-
	HpCB 396	24.55	*	no	*				
131 PCB 176	394	NotFnd	*	*	*	0	no	0.803	-
	HpCB 396	24.88	*	no	*				
132 PCB 186	394	NotFnd	*	*	*	0	no	0.814	-
	HpCB 396	25.26	*	no	*				
133 PCB 178	394	NotFnd	*	*	*	0.001	no	0.797	-
	HpCB 396	26.54	*	no	*				
134 PCB 175	394	NotFnd	*	*	*	0	no	1.01	-
	HpCB 396	27.14	*	no	*				
135 PCB 187	394	6314	1.08	12160	0.024894	0	204	no	0.813
	HpCB 396	27.42	5846	yes	*		138	no	0.901
136 PCB 182	394	NotFnd	*	*	*	0	no	0.878	-
	HpCB 396	27.59	*	no	*				
137 PCB 183	394	NotFnd	*	*	*	0.001	no	0.887	-
	HpCB 396	27.99	*	no	*				
136 PCB 185	394	NotFnd	*	*	*	0.001	no	0.854	-
	HpCB 396	28.08	*	no	*				
139 PCB 174	394	NotFnd	*	*	*	0.001	no	0.869	-
	HpCB 396	28.24	*	no	*				
140 PCB 177	394	NotFnd	*	*	*	0.001	no	1.06	-
	HpCB 396	28.65	*	no	*				
141 PCB 181	394	NotFnd	*	*	*	0.001	no		
	HpCB 396	29.06	*	no	*				
142 PCB 171/173	394	NotFnd	*	*	*	0.001	no		
	HpCB 396	29.28	*	no	*				
143 PCB 172	394	NotFnd	*	*	*	0.001	no		
	HpCB 396	30.93	*	no	*				
144 PCB 192	394	NotFnd	*	*	*	0.001	no		



194 PCB 111L	338	21.42	90541	1.5	151070	0.214217	0.001	898	no	1.373	97
PCB Cleanup Standard	340	21.40	60529	yes				1751			
195 PCB 178L	406	26.51	43333	1.03	85377	0.210755	0.001	772	no	0.732	95
PCB Cleanup Standard	408	26.52	42044	yes				1190			
196 PCB 31L	268	NotFnd	*	*	*		0.003		no	1.878	
PCB Audit Standard	270	13.98	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0.001		no	0.916	
PCB Audit Standard	340	17.38	*	no							
198 PCB 153L	372	NotFnd	*	*	*		0.001		no	1.173	
PCB Audit Standard	374	24.98	*	no							
199 PCB 9L	234	10.99	702675	1.58	1146522	2.841448	-	1304	no	-	-
PCB Recovery Standard	236	11.00	443847	yes				2728			
200 PCB 52L	302	15.07	285911	0.81	638588	2.846493	-	1725	no	-	-
PCB Recovery Standard	304	15.05	352678	yes				4868			
201 PCB 101L	338	19.38	348199	1.57	569749	2.796343	-	3713	no	-	-
PCB Recovery Standard	340	19.36	221550	yes				7015			
202 PCB 138L	372	26.10	339910	1.24	613545	2.953974	-	6798	no	-	-
PCB Recovery Standard	374	26.07	273635	yes				3486			
203 PCB 194L	440	38.65	245720	0.91	514946	2.752888	-	2895	no	-	-
PCB Recovery Standard	442	38.59	269227	yes				3170			

Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

*Octa  
Only*

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

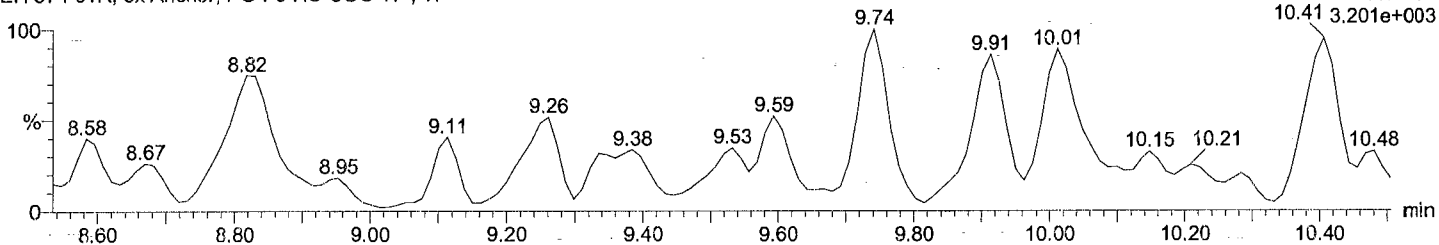
Time: 03:53:02

Instrument:

Total MoCB F1

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

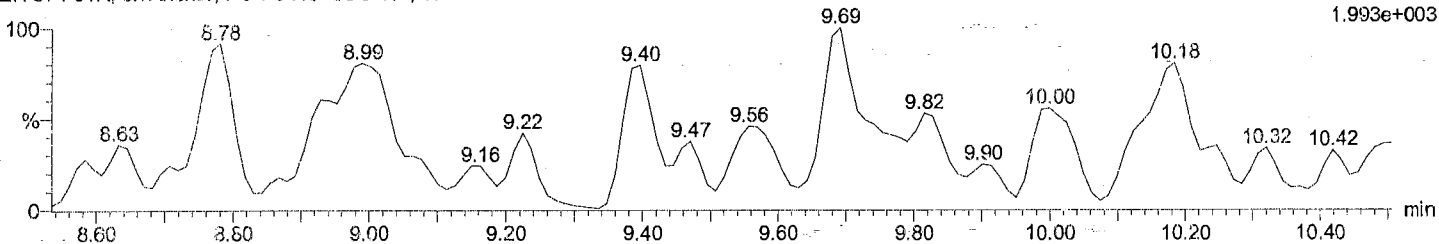
F1:Voltage SIR,EI+  
188.0393  
3.201e+003



Total MoCB F1

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

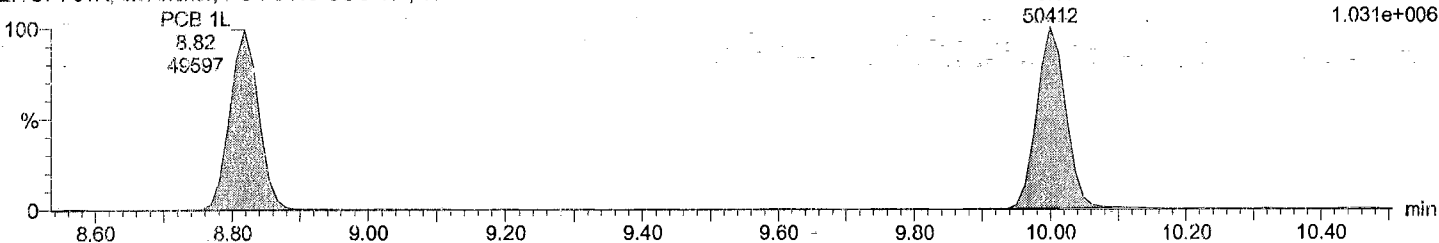
F1:Voltage SIR,EI+  
190.0363  
1.993e+003



Total MoCB labeled F1

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

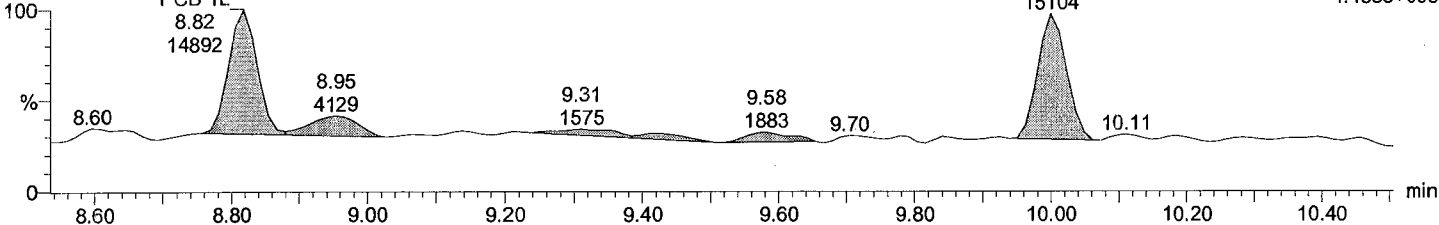
PCB 3L  
10.00  
50412  
F1:Voltage SIR,EI+  
200.0795  
1.031e+006



Total MoCB labeled F1

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

PCB 3L  
10.00  
15104  
F1:Voltage SIR,EI+  
202.076  
4.488e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

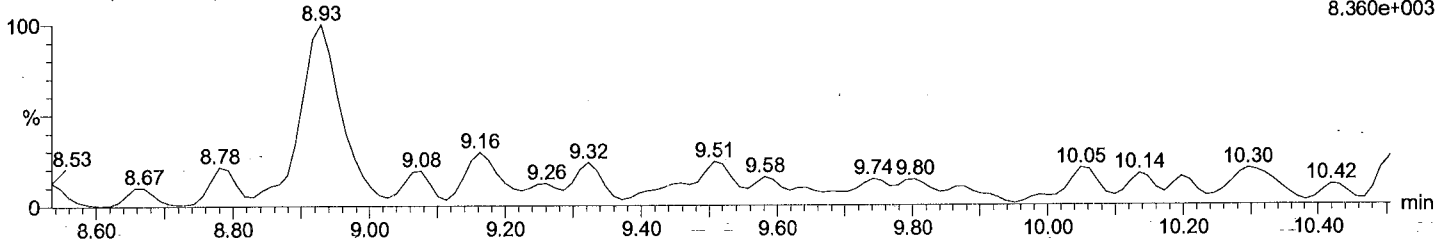
Time: 03:53:02

Instrument:

Total DiCB F1

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

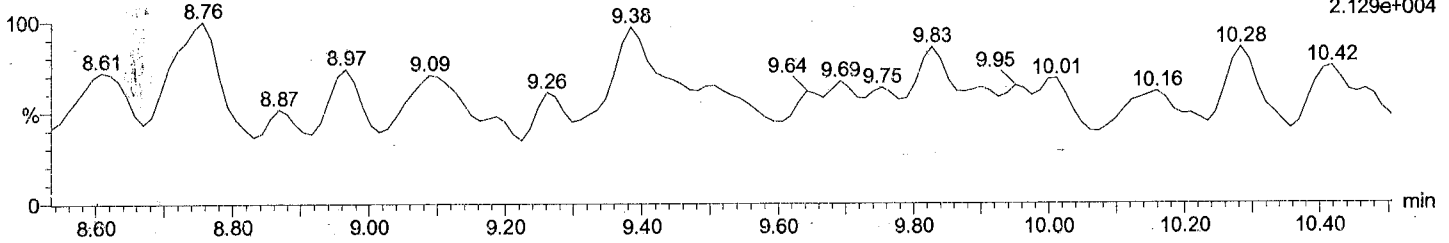
F1:Voltage SIR,EI+  
222.0003  
8.360e+003



Total DiCB F1

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

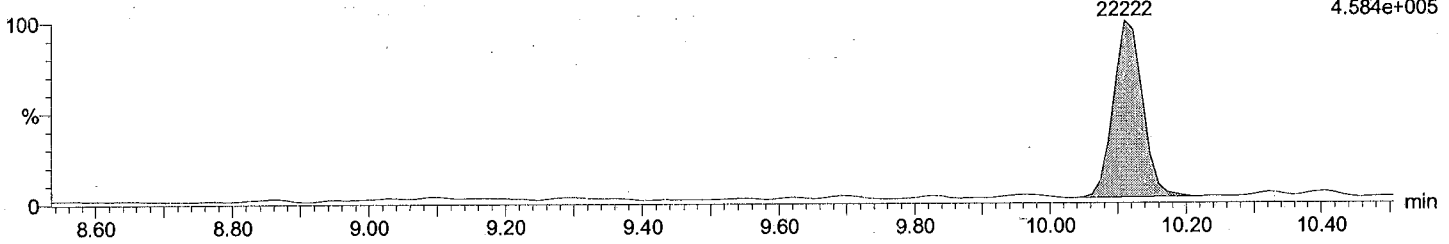
F1:Voltage SIR,EI+  
223.9974  
2.129e+004



Total DiCB labeled F1

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

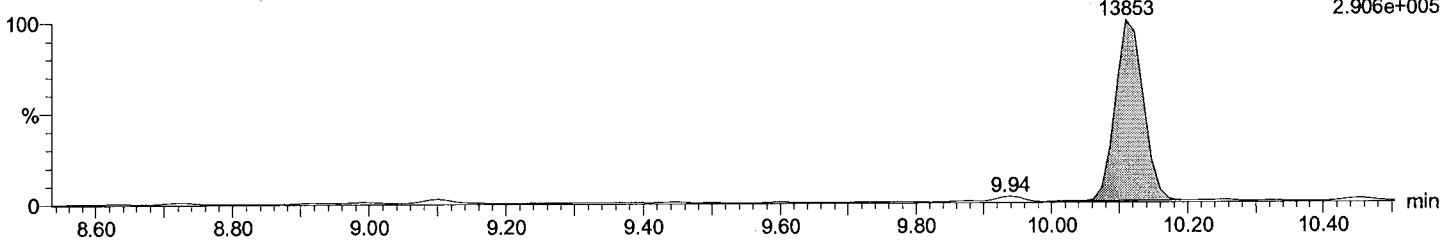
PCB 4L  
10.11  
22222  
F1:Voltage SIR,EI+  
234.0406  
4.584e+005



Total DiCB labeled F1

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

PCB 4L  
10.11  
13853  
F1:Voltage SIR,EI+  
236.0376  
2.906e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

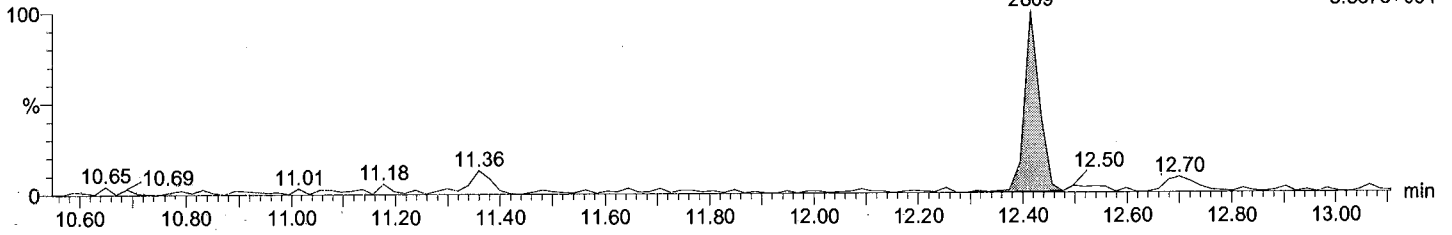
Time: 03:53:02

Instrument:

Total DiCB F2

M1170609B12  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

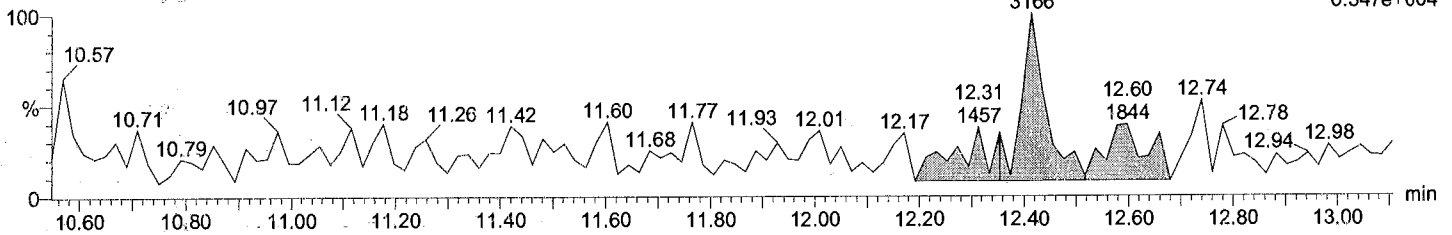
PCB 11  
12.41  
2809  
F2:Voltage SIR,EI+  
222.0003  
8.537e+004



Total DiCB F2

M1170609B12  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

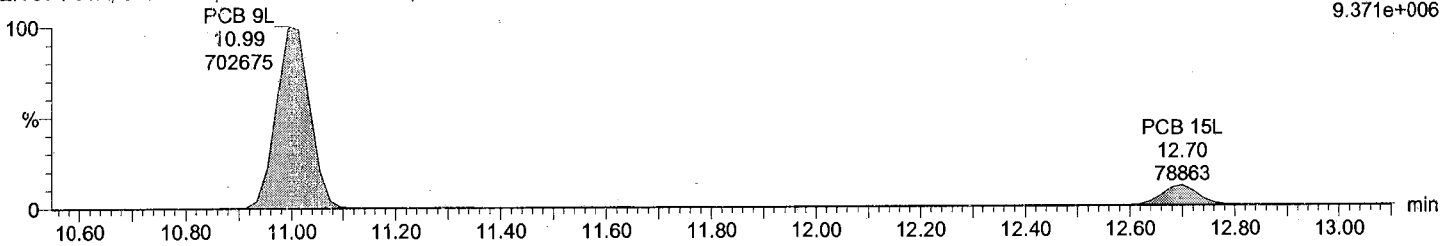
PCB 11  
12.41  
3166  
F2:Voltage SIR,EI+  
223.9974  
6.347e+004



Total DiCB labeled F2

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

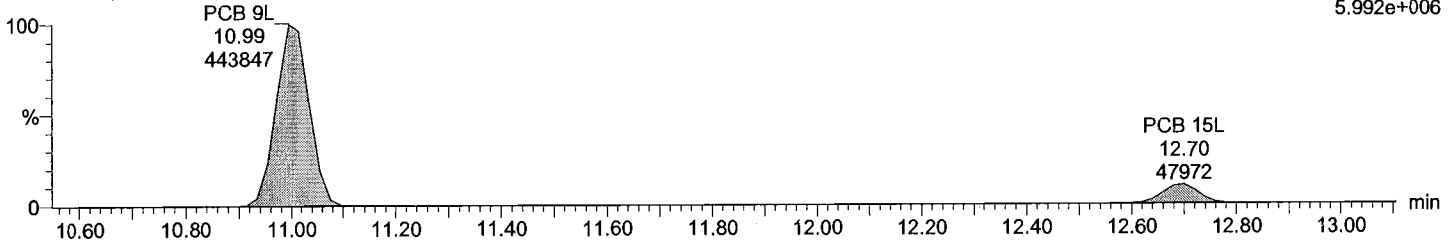
PCB 9L  
10.99  
702675  
F2:Voltage SIR,EI+  
234.0406  
9.371e+006



Total DiCB labeled F2

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

PCB 9L  
10.99  
443847  
F2:Voltage SIR,EI+  
236.0376  
5.992e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

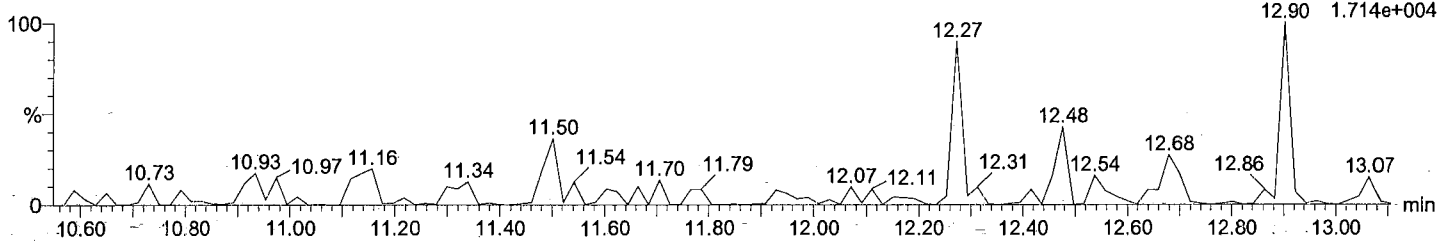
Time: 03:53:02

Instrument:

Total TriCB F2

M1170609B12  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

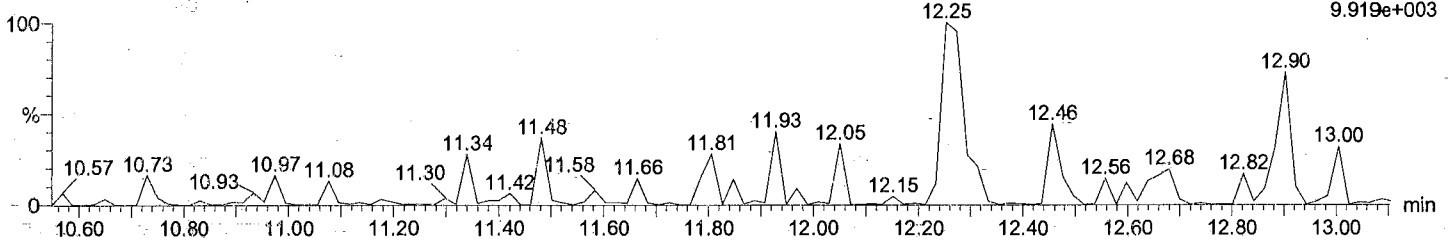
F2:Voltage SIR,EI+  
255.9614  
1.714e+004



Total TriCB F2

M1170609B12  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

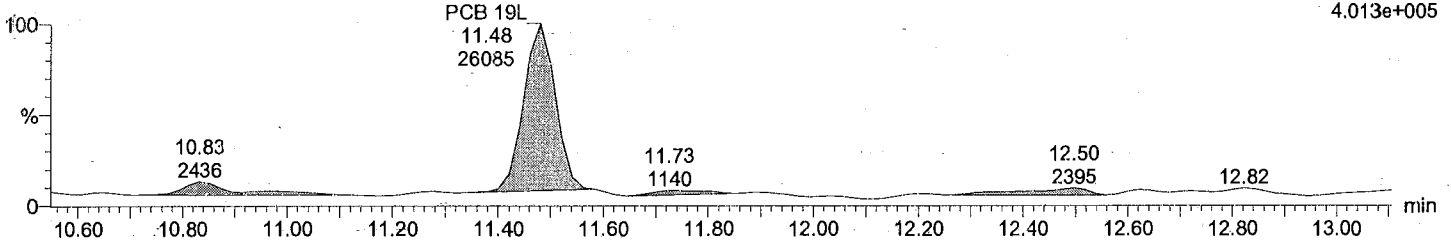
F2:Voltage SIR,EI+  
257.9584  
9.919e+003



Total TriCB labeled F2

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

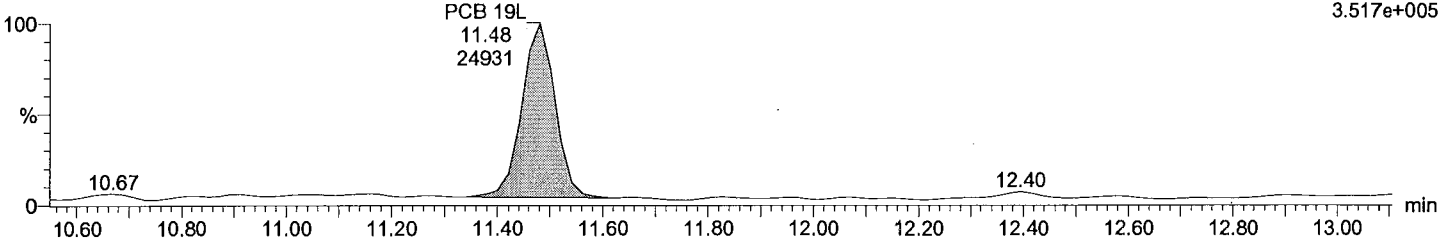
F2:Voltage SIR,EI+  
268.0016  
4.013e+005



Total TriCB labeled F2

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

F2:Voltage SIR,EI+  
269.9986  
3.517e+005



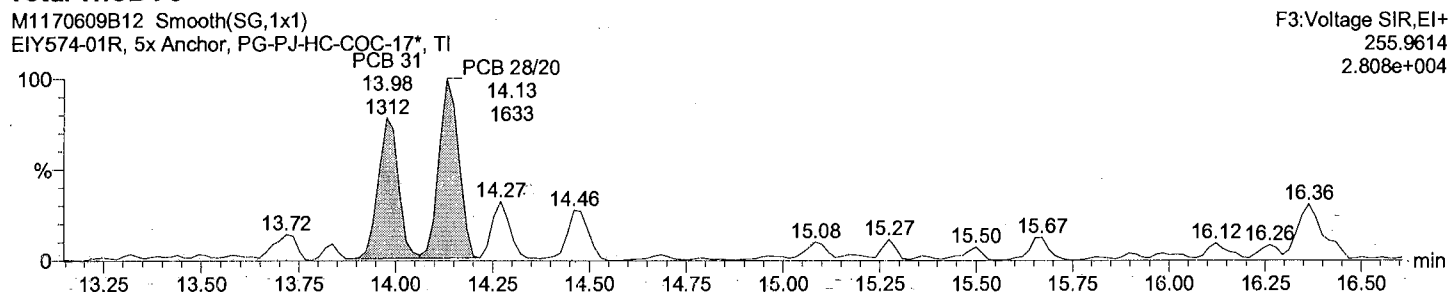


Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

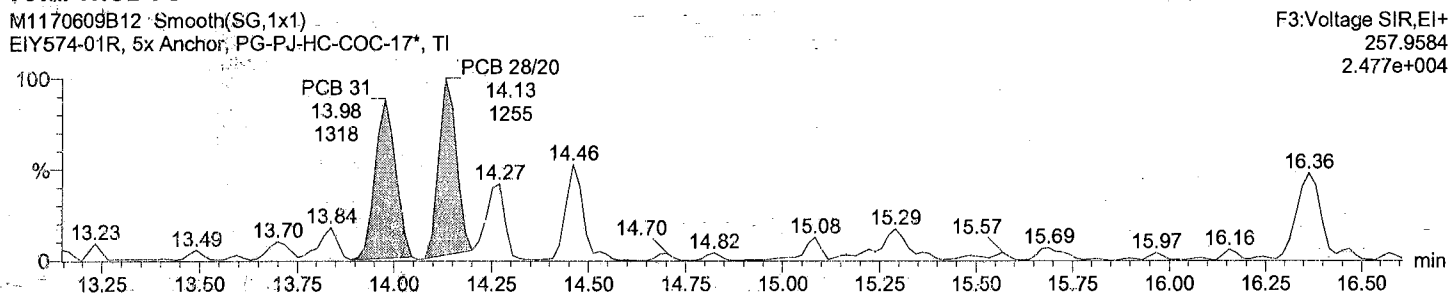
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x  
Vial: 12  
Date: 10-Jun-2017  
Time: 03:53:02  
Instrument:

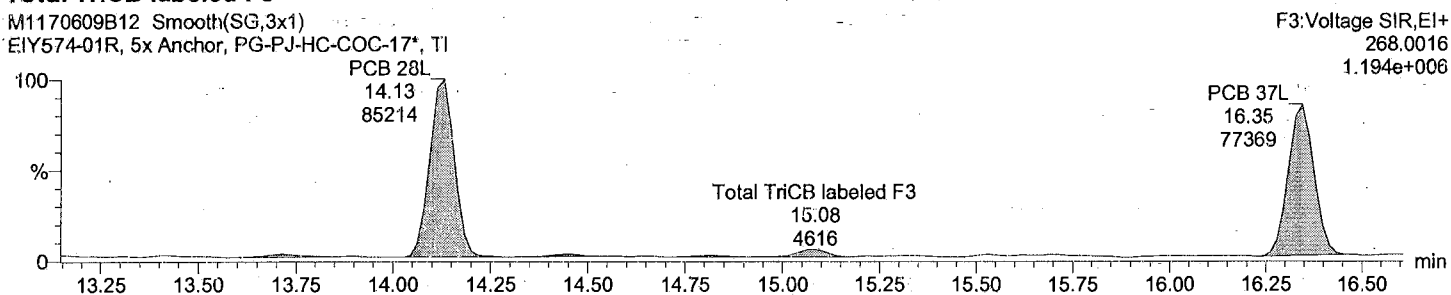
Total TriCB F3



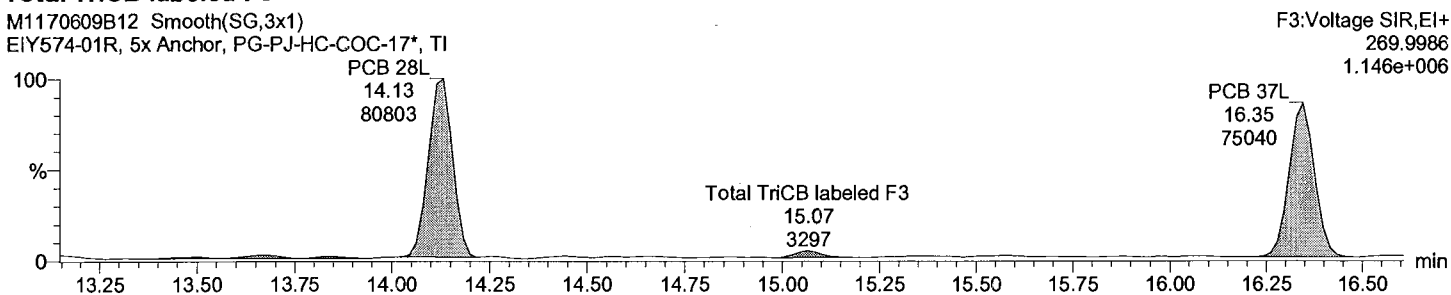
Total TriCB F3



Total TriCB labeled F3



Total TriCB labeled F3



Dataset: C:\MassLynx\Default.pro\QLDIM1170609B\_dil\_1668A.qld

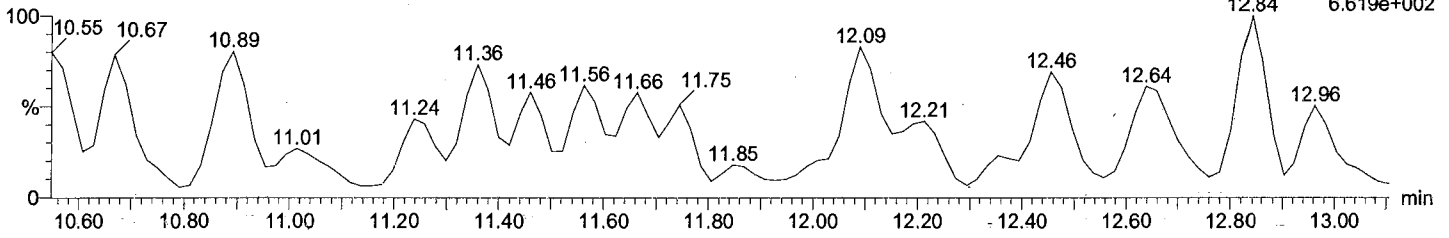
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x  
Vial: 12  
Date: 10-Jun-2017  
Time: 03:53:02  
Instrument:

**Total TeCB F2**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

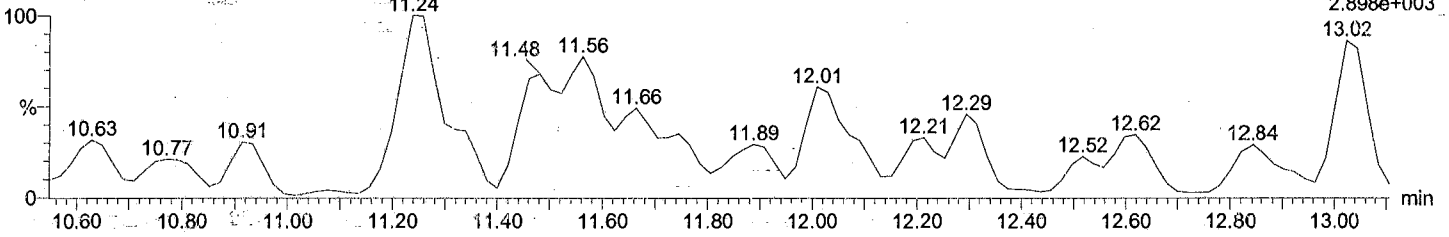
F2:Voltage SIR,EI+  
289.9224  
6.619e+002



**Total TeCB F2**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

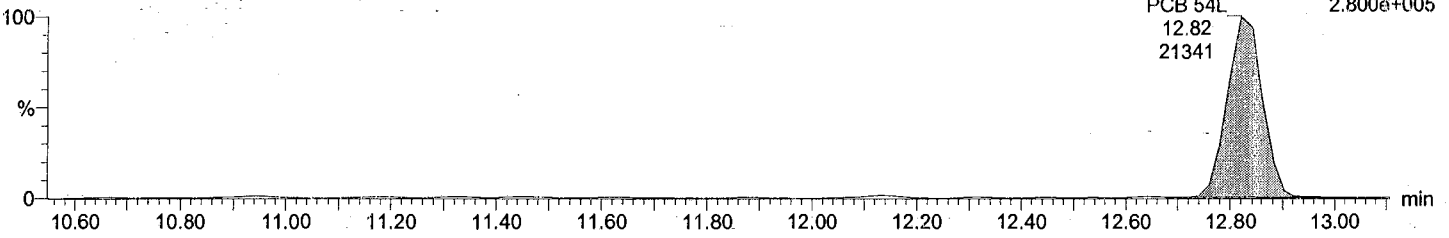
F2:Voltage SIR,EI+  
291.9194  
2.898e+003



**Total TeCB labeled F2**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

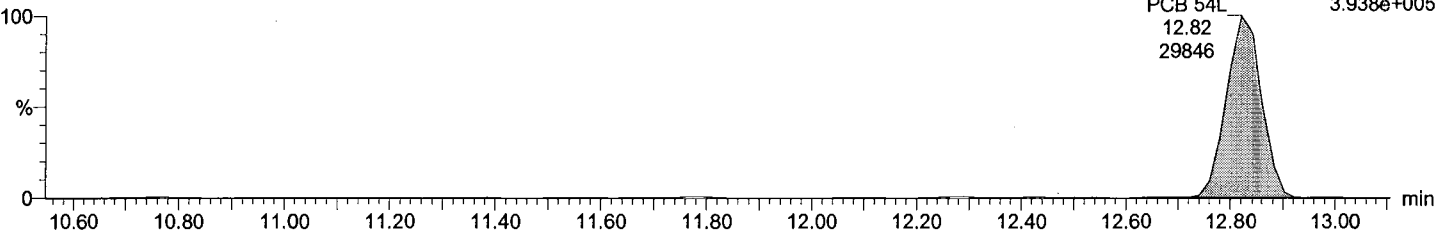
F2:Voltage SIR,EI+  
301.9626  
2.800e+005



**Total TeCB labeled F2**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

F2:Voltage SIR,EI+  
303.9597  
3.938e+005



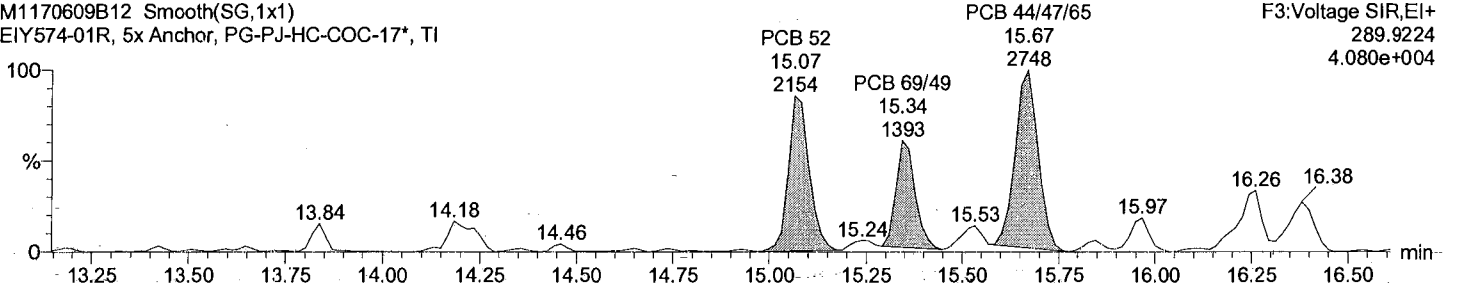
Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x  
Vial: 12  
Date: 10-Jun-2017  
Time: 03:53:02  
Instrument:

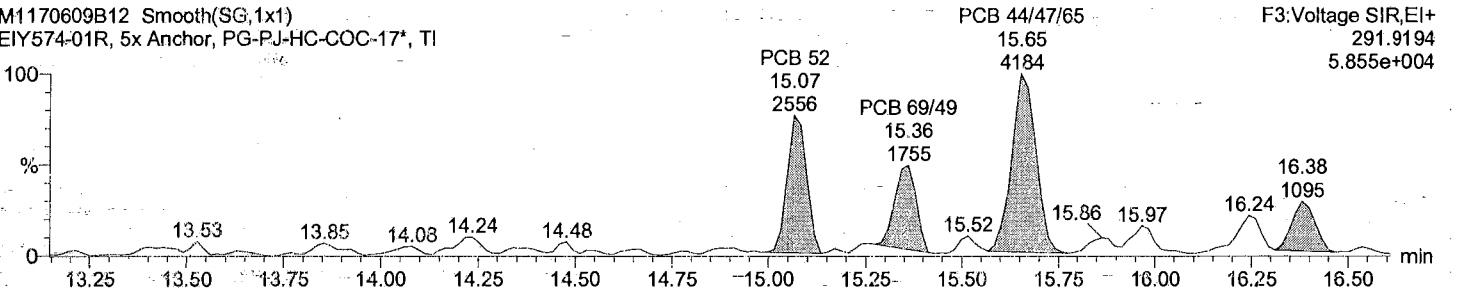
Total TeCB F3

M1170609B12 Smooth(SG,1x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



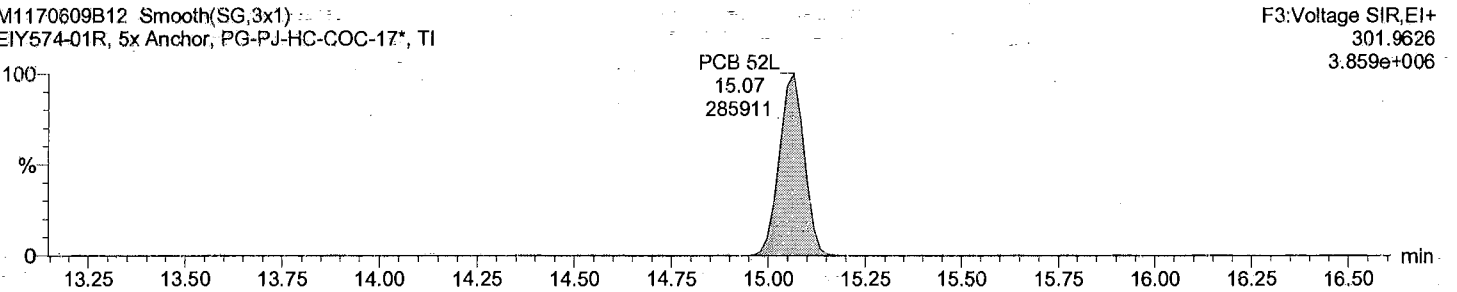
Total TeCB F3

M1170609B12 Smooth(SG,1x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



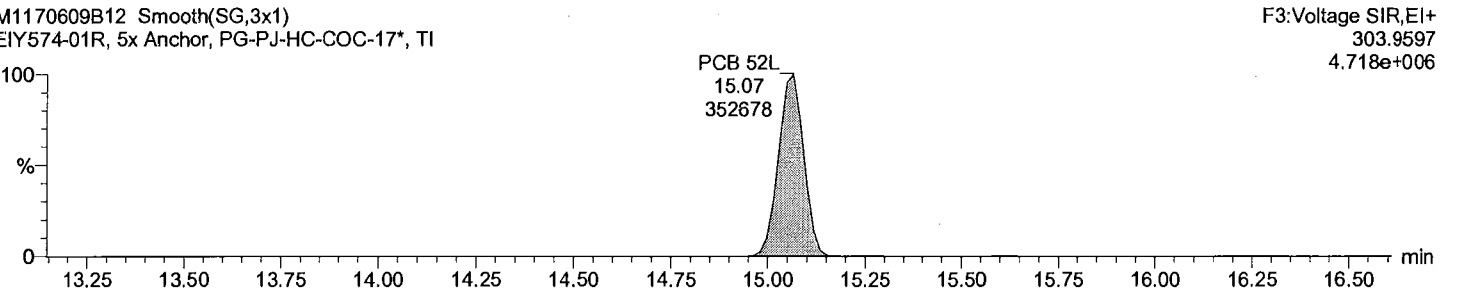
Total TeCB labeled F3

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



Total TeCB labeled F3

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

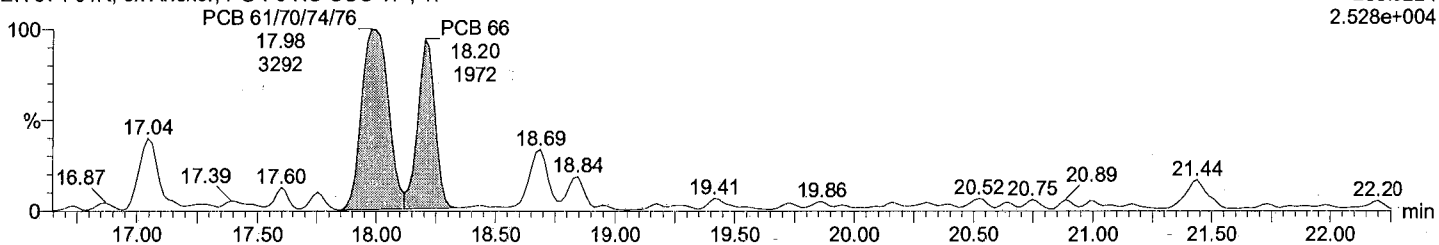
Time: 03:53:02

Instrument:

Total TeCB F4

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

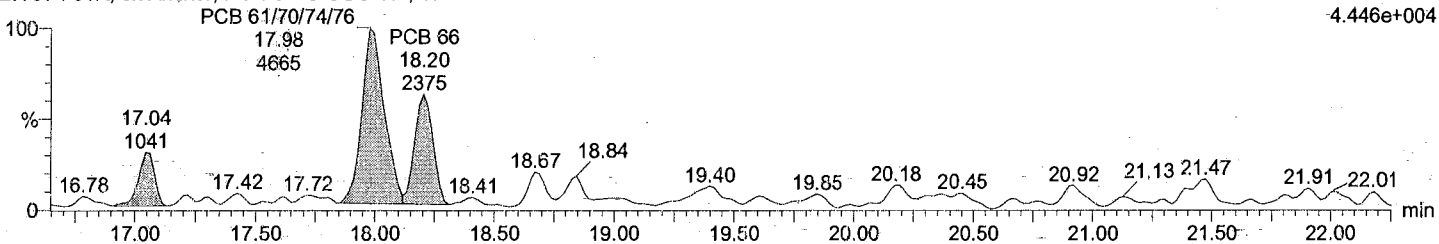
F4:Voltage SIR,EI+  
289.9224  
2.528e+004



Total TeCB F4

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

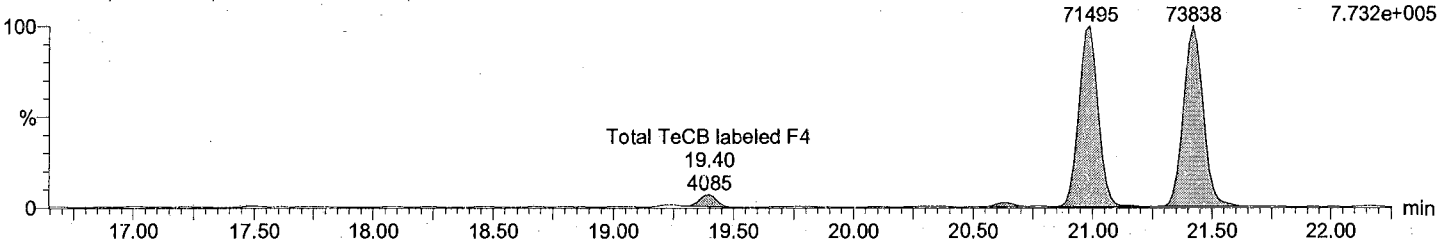
F4:Voltage SIR,EI+  
291.9194  
4.446e+004



Total TeCB labeled F4

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

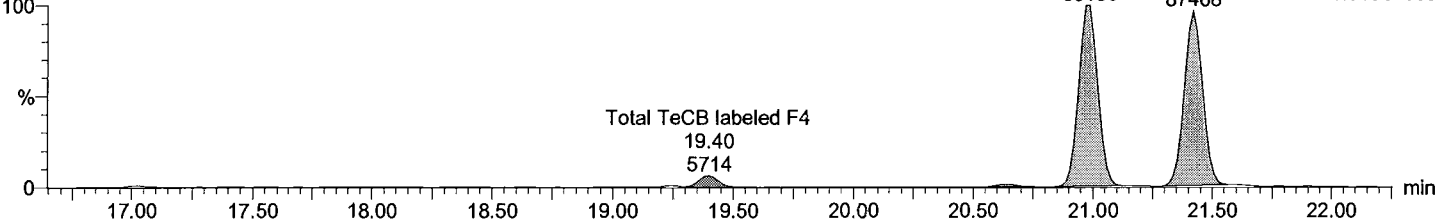
PCB 81L 20.99 71495  
PCB 77L 21.42 73838  
F4:Voltage SIR,EI+  
301.9626  
7.732e+005



Total TeCB labeled F4

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

PCB 81L 20.99 93155  
PCB 77L 21.42 87468  
F4:Voltage SIR,EI+  
303.9597  
1.019e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

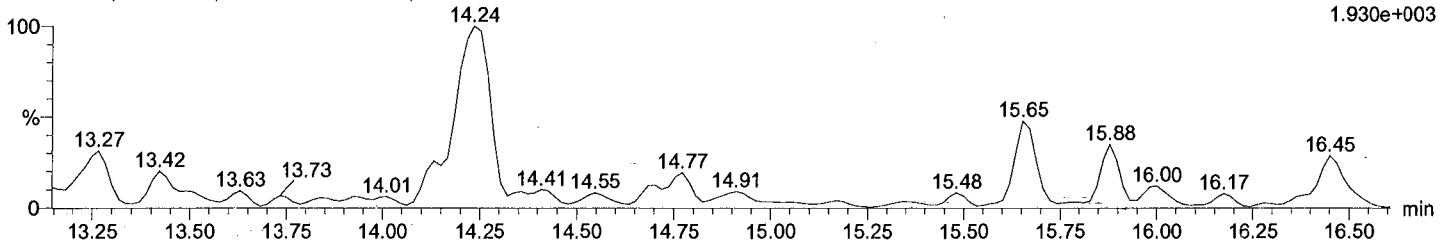
Time: 03:53:02

Instrument:

Total PeCB F3

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

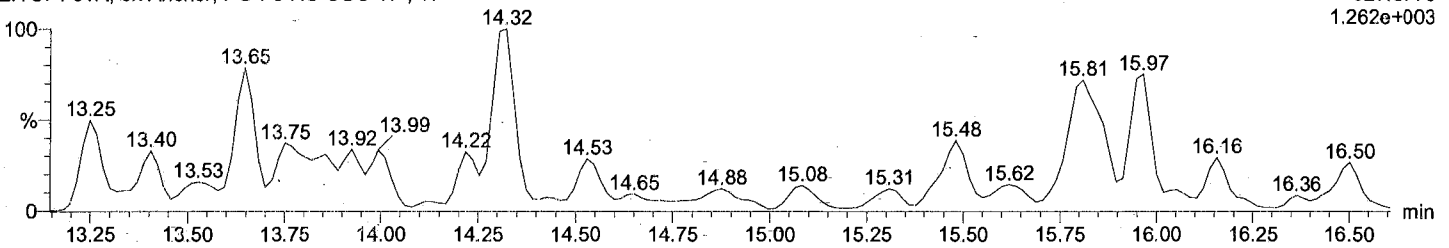
F3:Voltage SIR,EI+  
325.8805  
1.930e+003



Total PeCB F3

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

F3:Voltage SIR,EI+  
327.8775  
1.262e+003

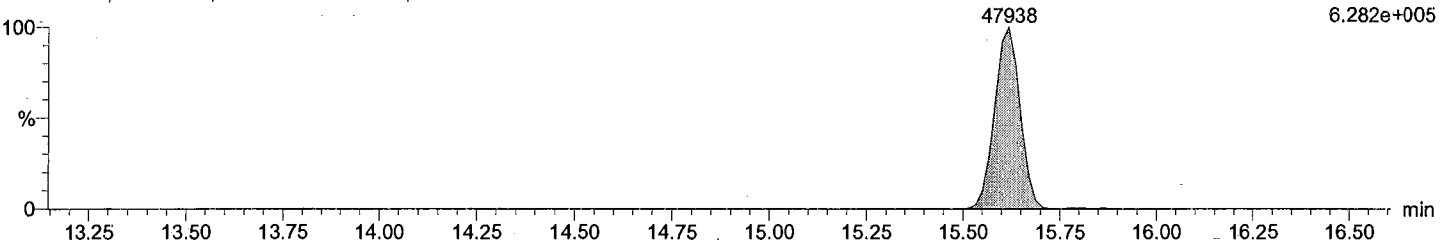


Total PeCB labeled F3

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

PCB 104L  
15.62  
47938

F3:Voltage SIR,EI+  
337.9207  
6.282e+005

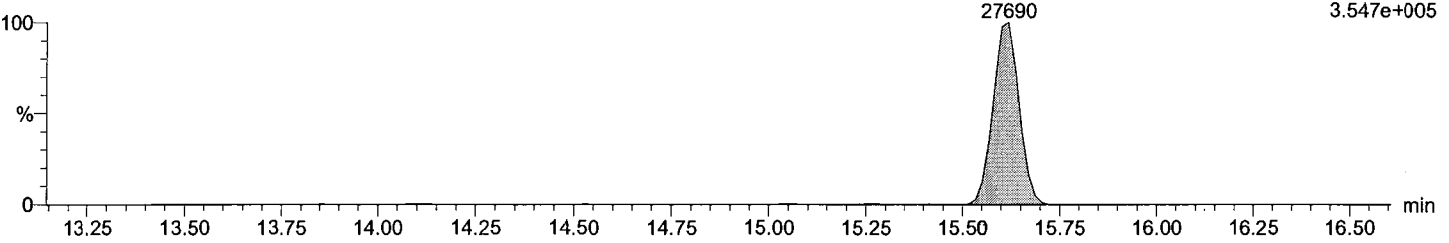


Total PeCB labeled F3

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

PCB 104L  
15.62  
27690

F3:Voltage SIR,EI+  
339.9178  
3.547e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

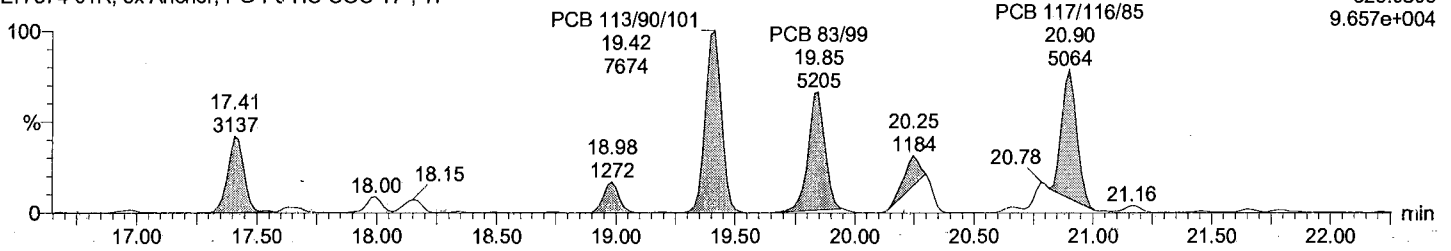
Time: 03:53:02

Instrument:

Total PeCB F4

M1170609B12 Smooth(SG,2x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

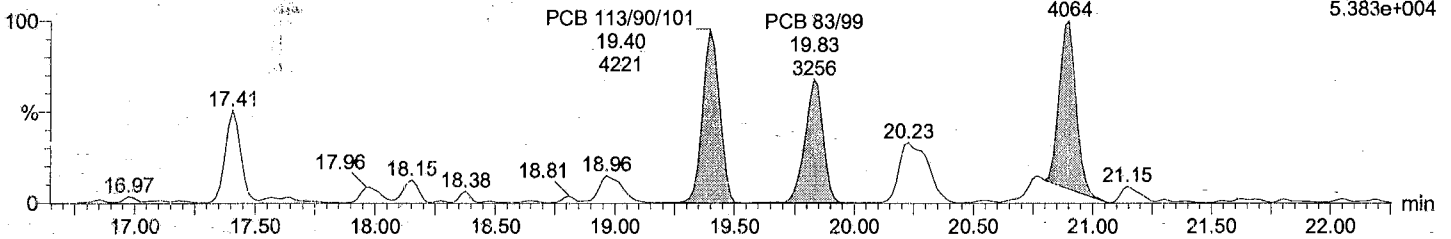
F4:Voltage SIR,EI+  
325.8805  
9.657e+004



Total PeCB F4

M1170609B12 Smooth(SG,2x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

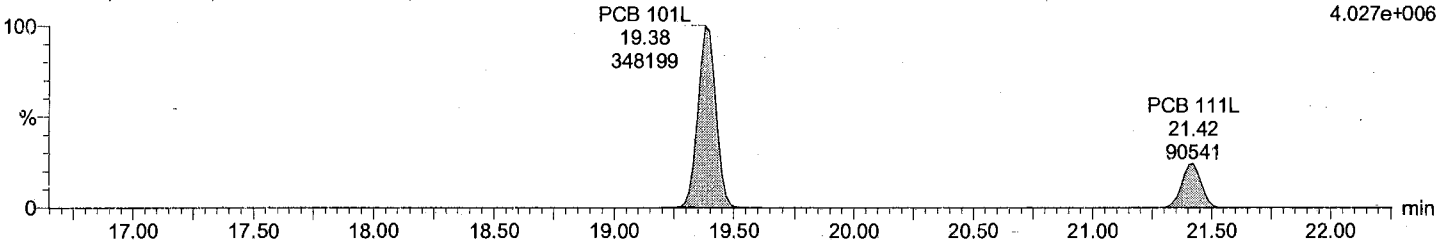
F4:Voltage SIR,EI+  
327.8775  
5.383e+004



Total PeCB labeled F4

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

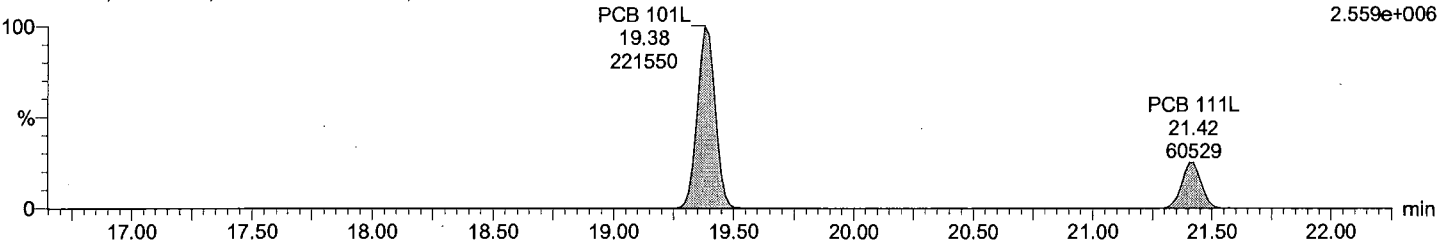
F4:Voltage SIR,EI+  
337.9207  
4.027e+006



Total PeCB labeled F4

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

F4:Voltage SIR,EI+  
339.9178  
2.559e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

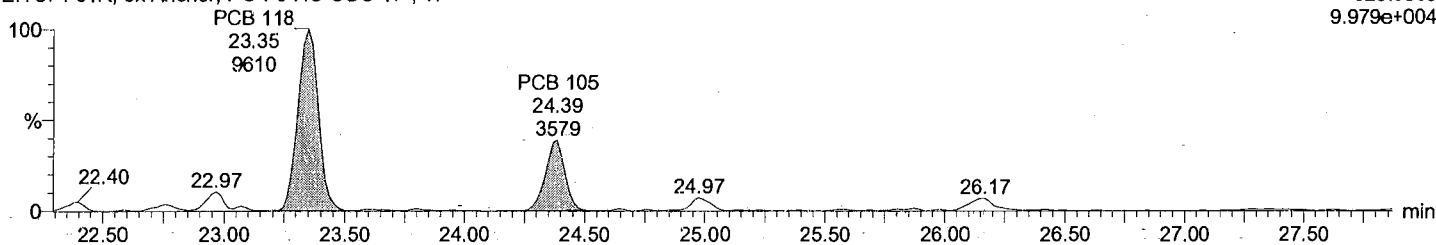
Time: 03:53:02

Instrument:

Total PeCB F5

M1170609B12 Smooth(SG,2x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

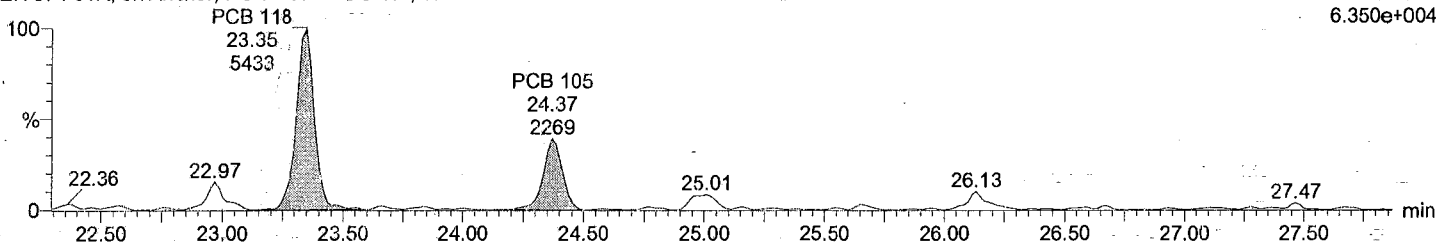
F5:Voltage SIR,EI+  
325.8805  
9.979e+004



Total PeCB F5

M1170609B12 Smooth(SG,2x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

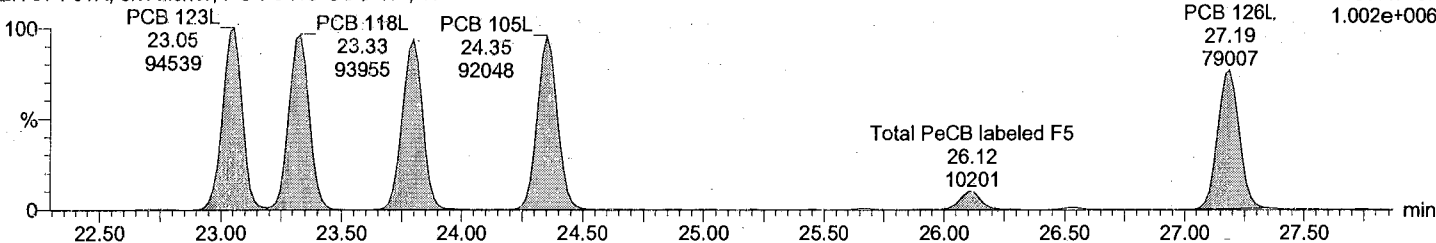
F5:Voltage SIR,EI+  
327.8775  
6.350e+004



Total PeCB labeled F5

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

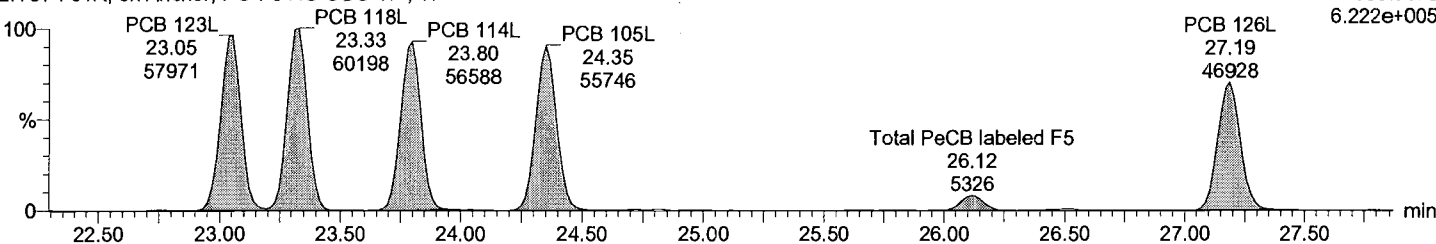
F5:Voltage SIR,EI+  
337.9207  
1.002e+006



Total PeCB labeled F5

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

F5:Voltage SIR,EI+  
339.9178  
6.222e+005



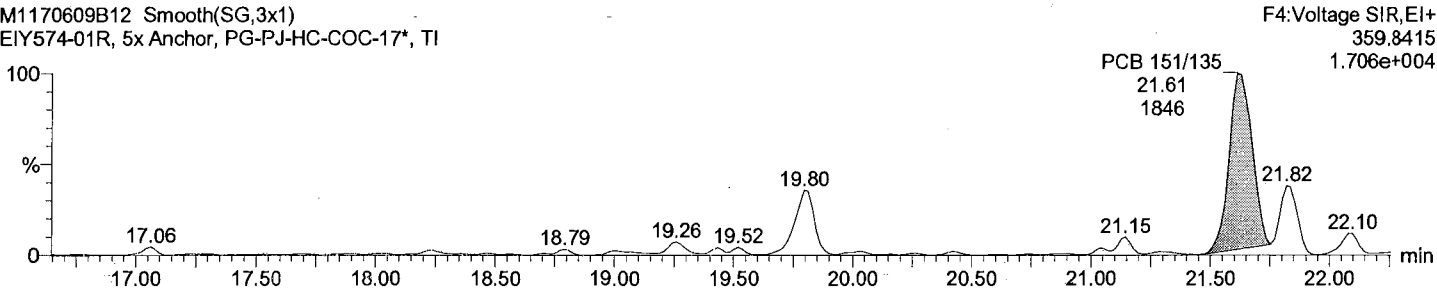
Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x  
Vial: 12  
Date: 10-Jun-2017  
Time: 03:53:02  
Instrument:

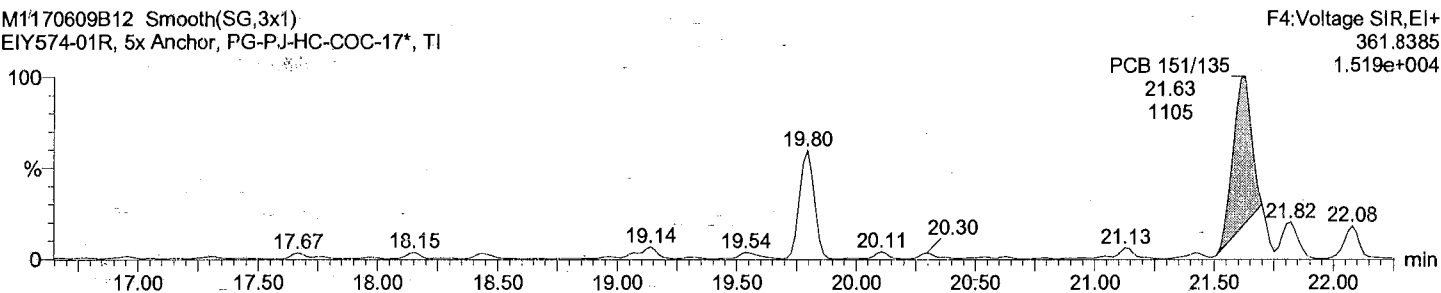
Total HxCB F4

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



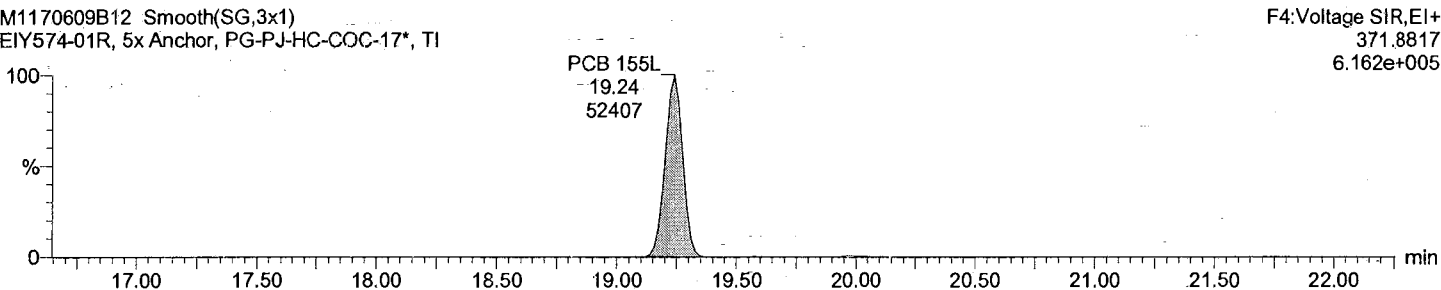
Total HxCB F4

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



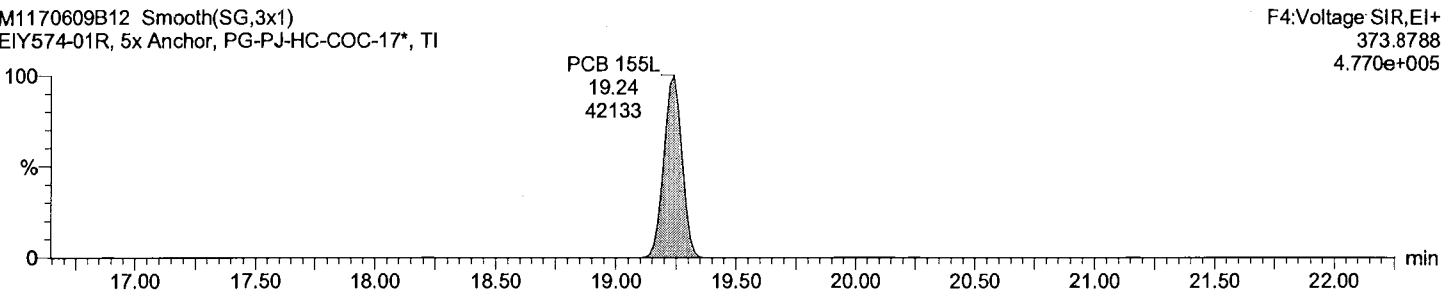
Total HxCB labeled F4

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



Total HxCB labeled F4

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI





Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

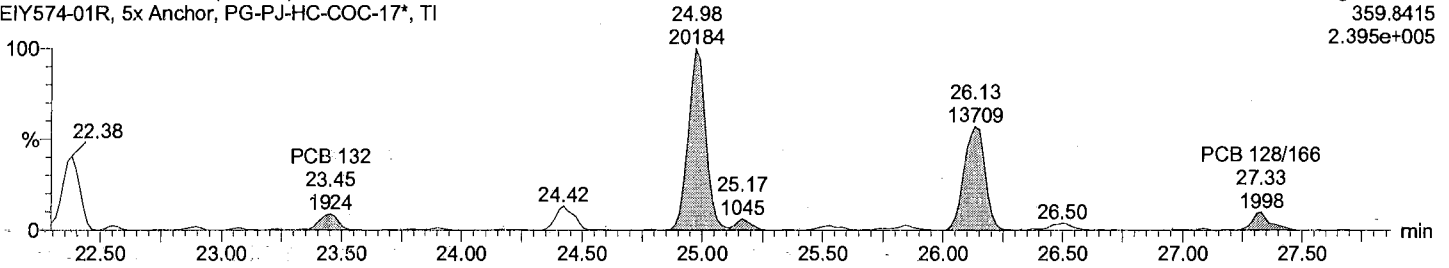
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x  
Vial: 12  
Date: 10-Jun-2017  
Time: 03:53:02  
Instrument:

**Total HxCB F5**

M1170609B12 Smooth(SG,1x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

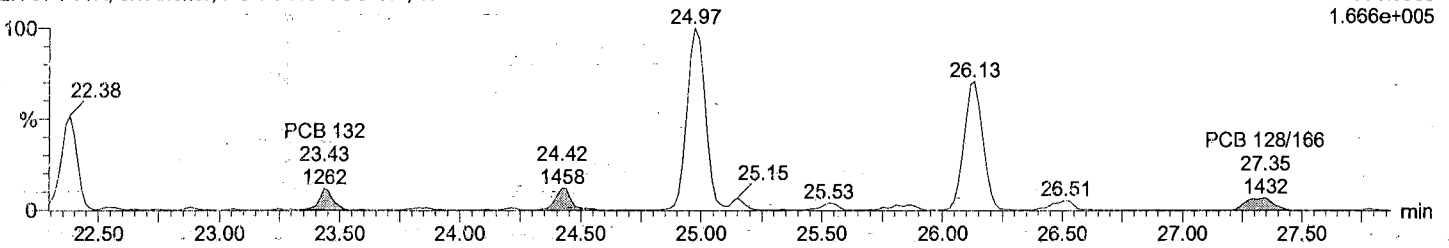
F5:Voltage SIR,EI+  
359.8415  
2.395e+005



**Total HxCB F5**

M1170609B12 Smooth(SG,1x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

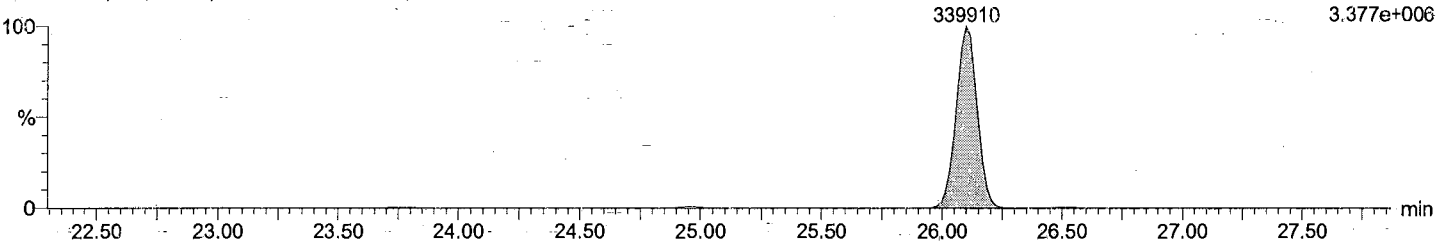
F5:Voltage SIR,EI+  
361.8385  
1.666e+005



**Total HxCB labeled F5**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

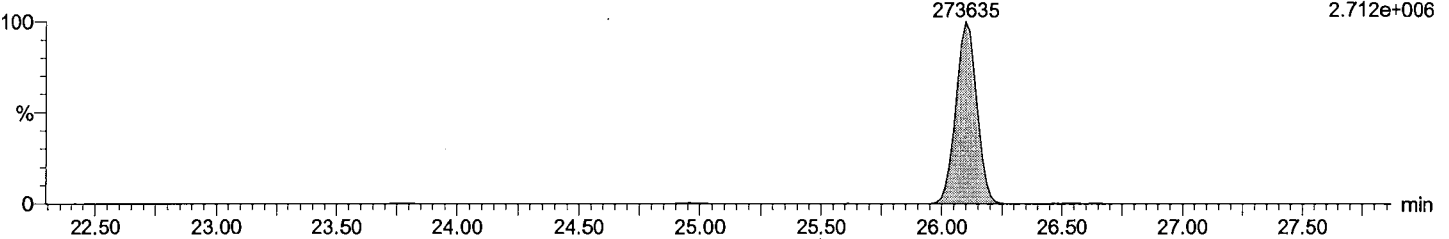
PCB 138L  
26.10  
339910  
F5:Voltage SIR,EI+  
371.8817  
3.377e+006



**Total HxCB labeled F5**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

PCB 138L  
26.10  
273635  
F5:Voltage SIR,EI+  
373.8788  
2.712e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

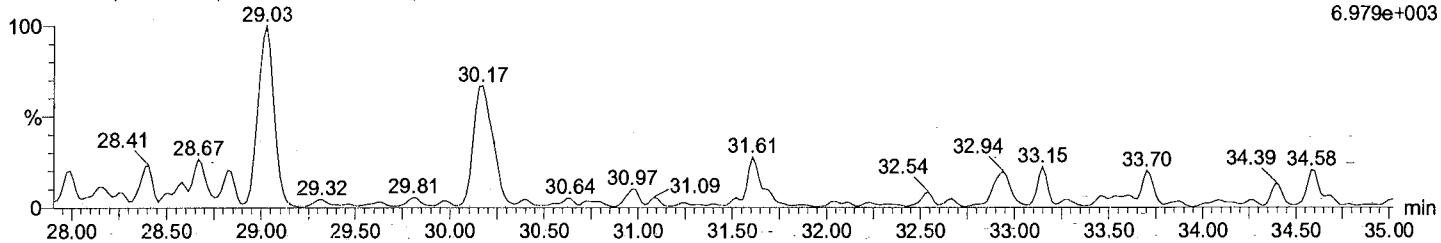
Time: 03:53:02

Instrument:

Total HxCB F6

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

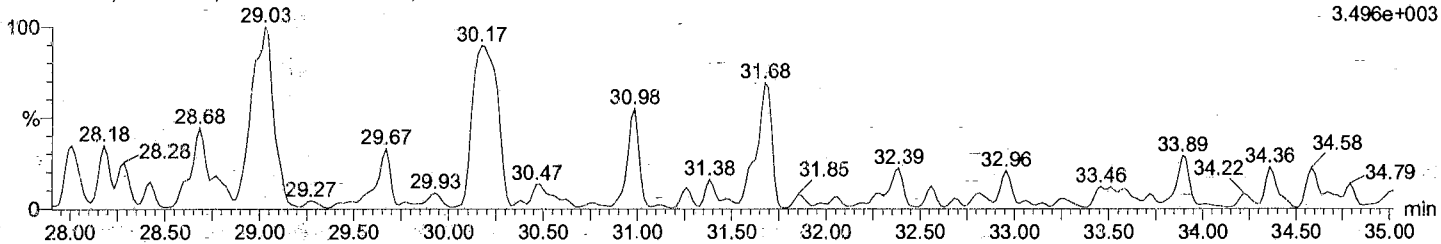
F6:Voltage SIR,EI+  
359.8415  
6.979e+003



Total HxCB F6

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

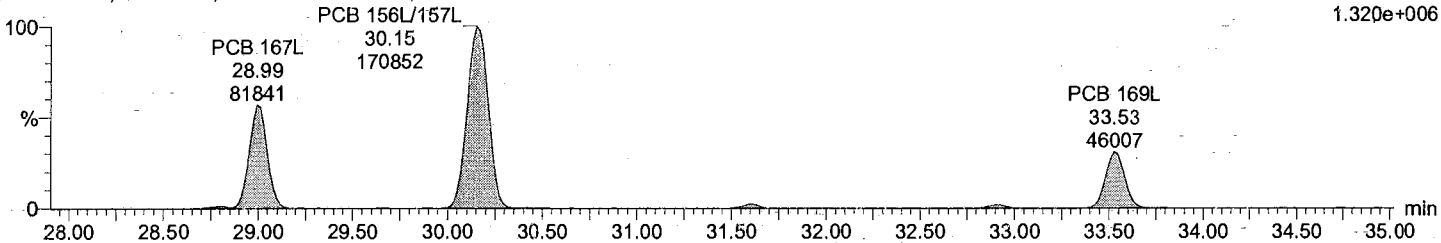
F6:Voltage SIR,EI+  
361.8385  
3.496e+003



Total HxCB labeled F6

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

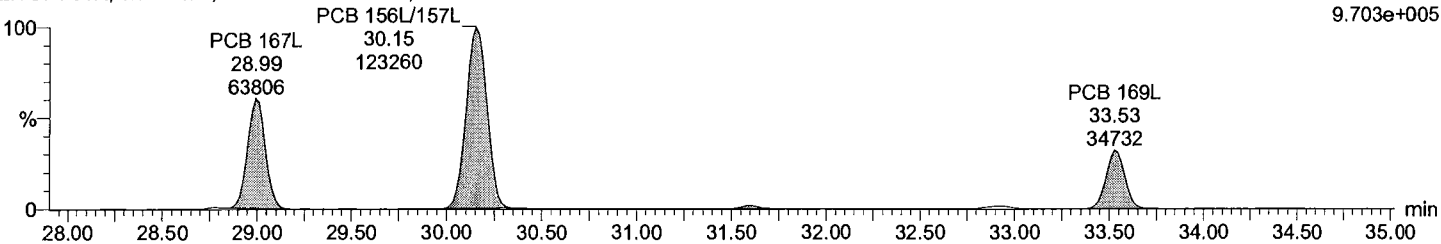
F6:Voltage SIR,EI+  
371.8817  
1.320e+006



Total HxCB labeled F6

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

F6:Voltage SIR,EI+  
373.8788  
9.703e+005



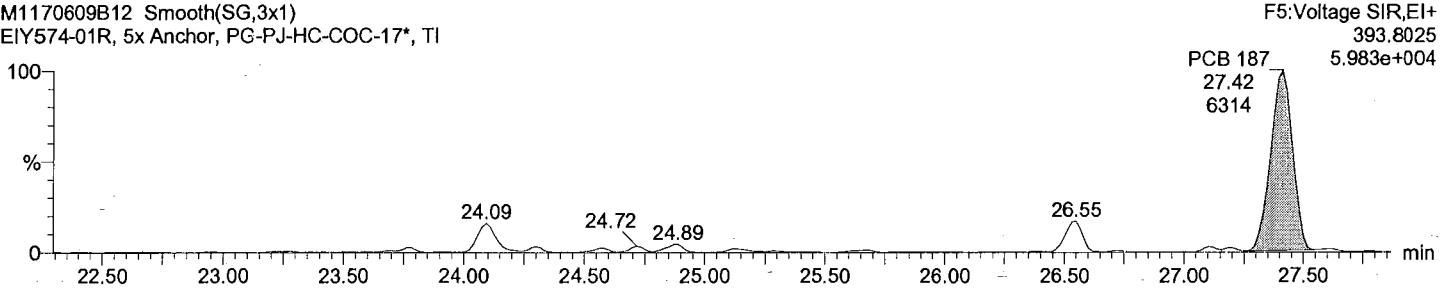
Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x  
Vial: 12  
Date: 10-Jun-2017  
Time: 03:53:02  
Instrument:

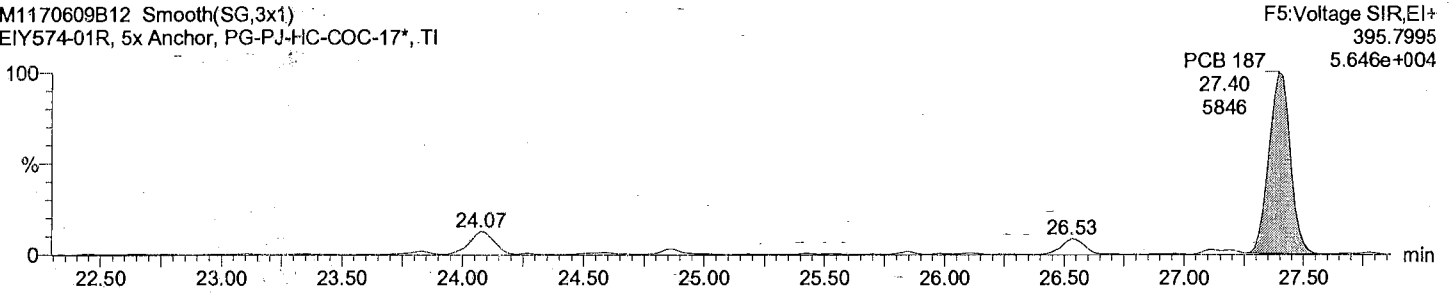
**Total HpCB F5**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



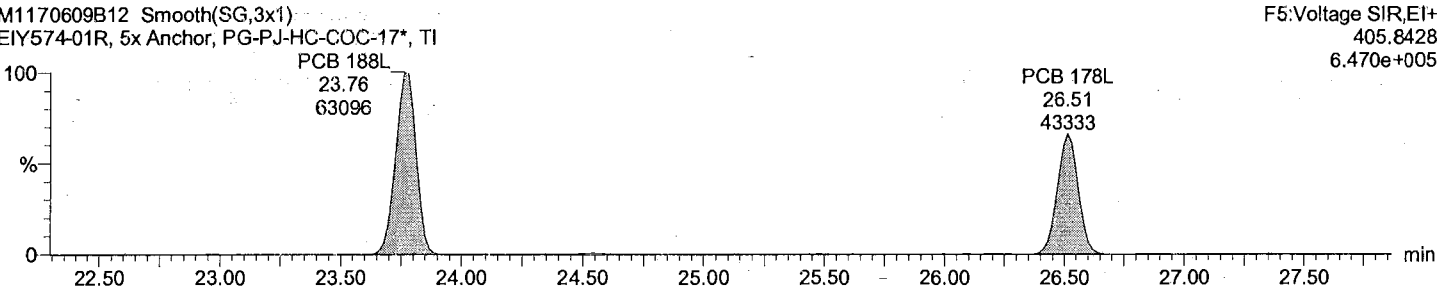
**Total HpCB F5**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



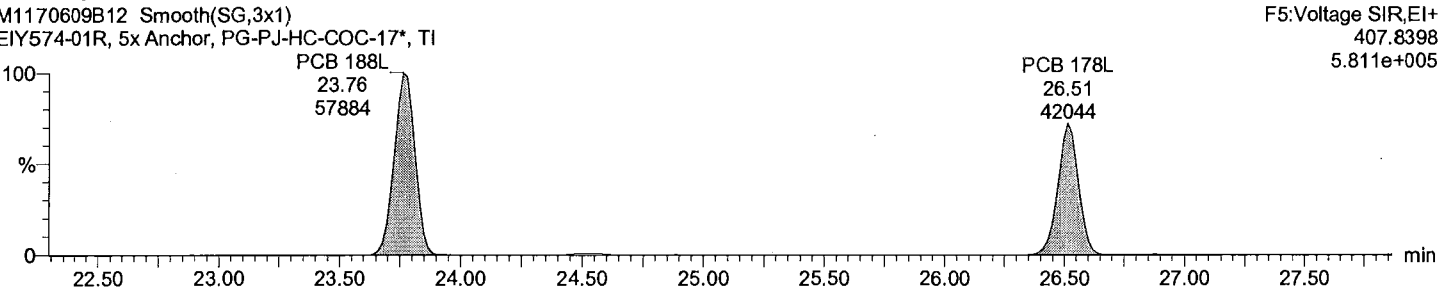
**Total HpCB labeled F5**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



**Total HpCB labeled F5**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

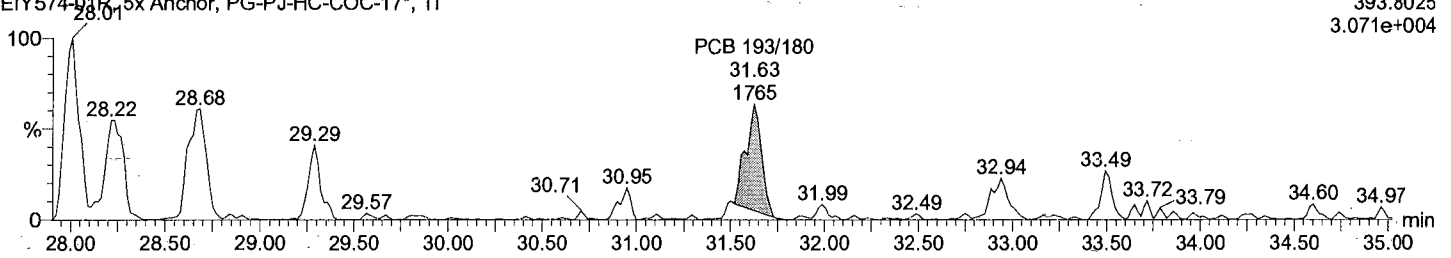
Time: 03:53:02

Instrument:

Total HpCB F6

M1170609B12 Smooth(SG,1x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

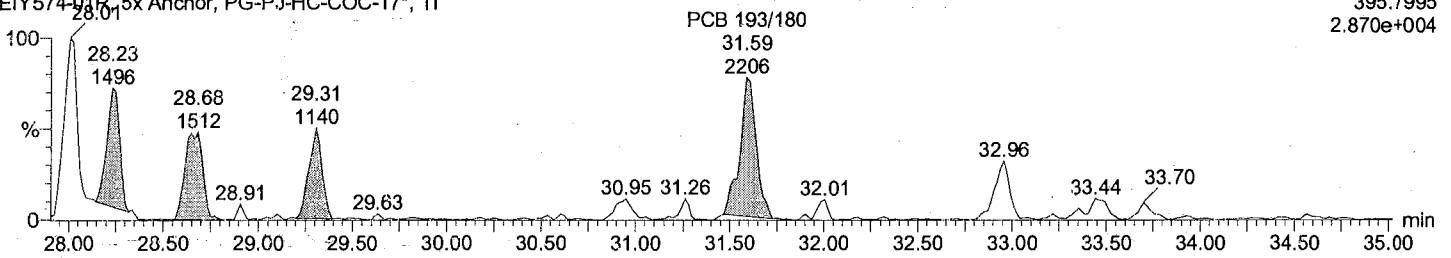
F6:Voltage SIR,EI+  
393.8025  
3.071e+004



Total HpCB F6

M1170609B12 Smooth(SG,1x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

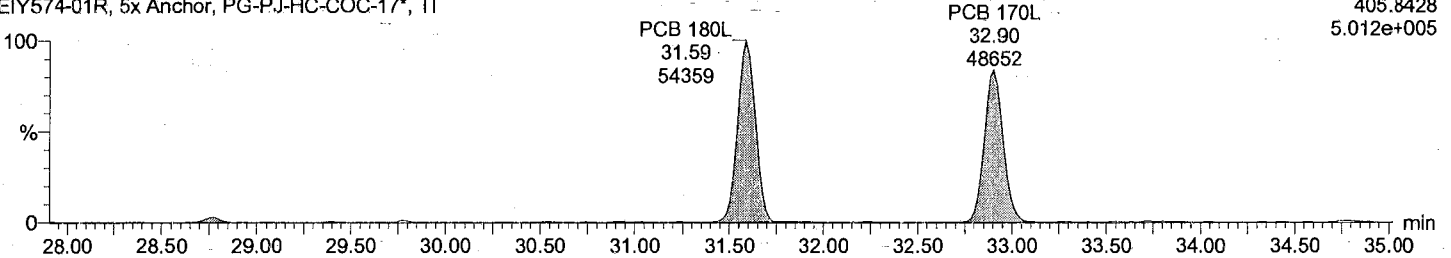
F6:Voltage SIR,EI+  
395.7995  
2.870e+004



Total HpCB labeled F6

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

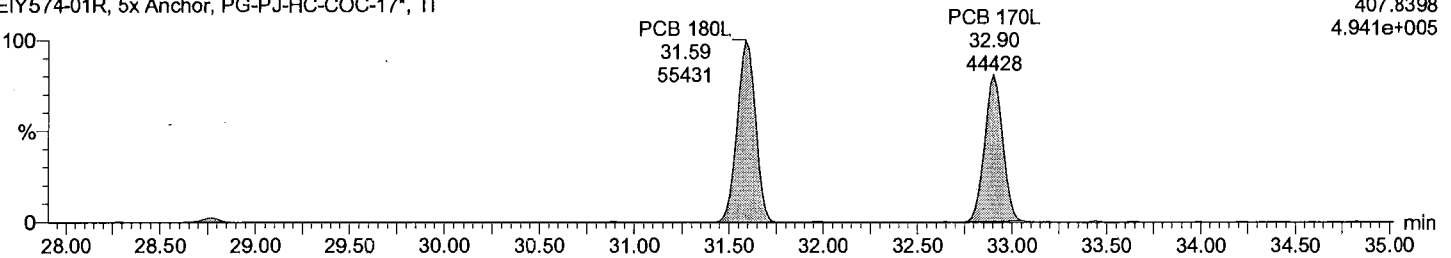
F6:Voltage SIR,EI+  
405.8428  
5.012e+005



Total HpCB labeled F6

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

F6:Voltage SIR,EI+  
407.8398  
4.941e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

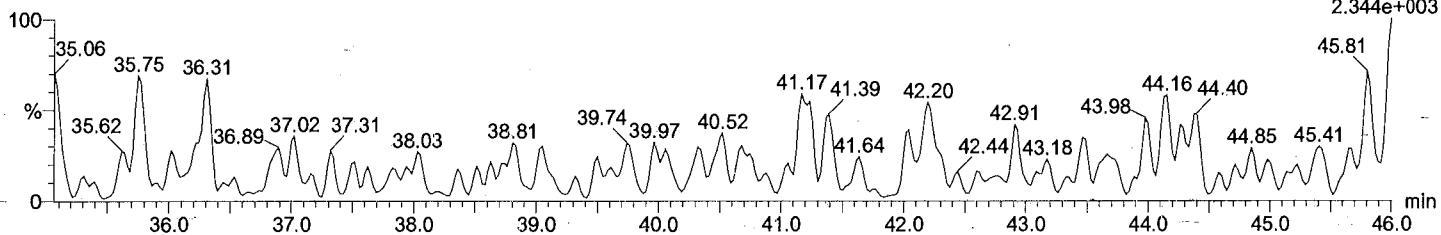
Time: 03:53:02

Instrument:

Total HpCB F7

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

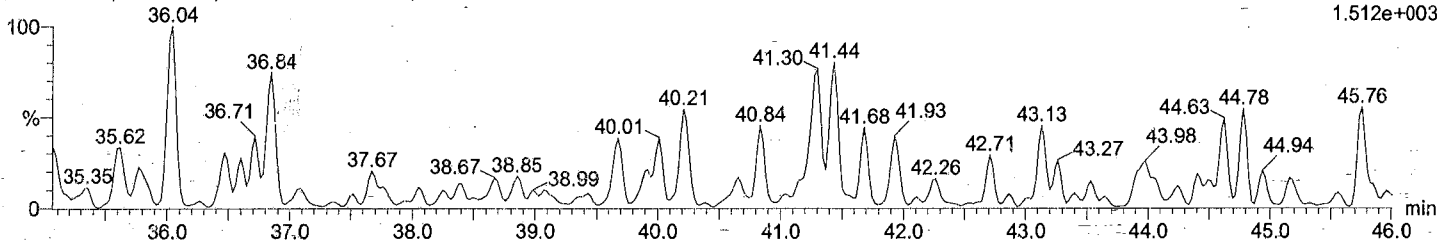
F7:Voltage SIR,EI+  
393.8025  
2.344e+003



Total HpCB F7

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

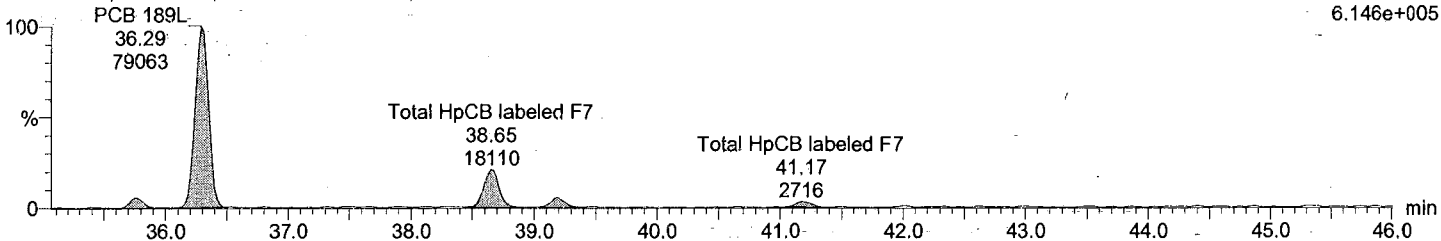
F7:Voltage SIR,EI+  
395.7996  
1.512e+003



Total HpCB labeled F7

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

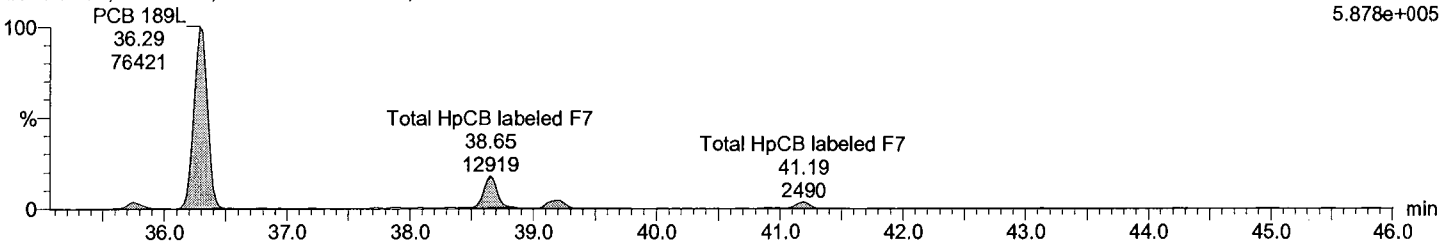
F7:Voltage SIR,EI+  
405.8428  
6.146e+005



Total HpCB labeled F7

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

F7:Voltage SIR,EI+  
407.8398  
5.878e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

Time: 03:53:02

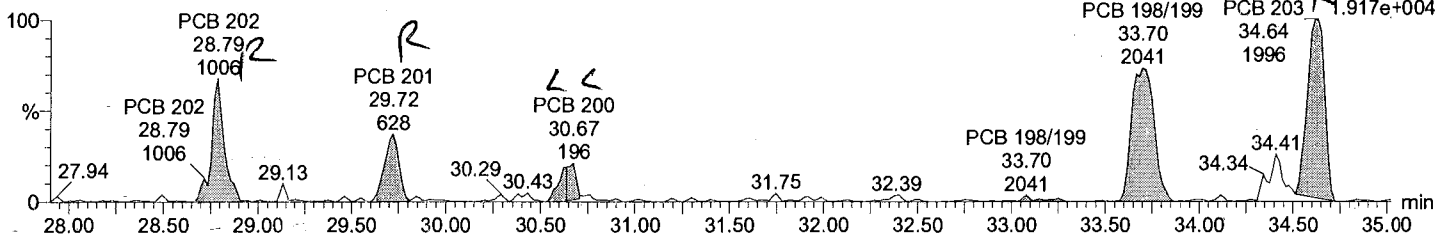
Instrument:

(1)

Total OcCB F6

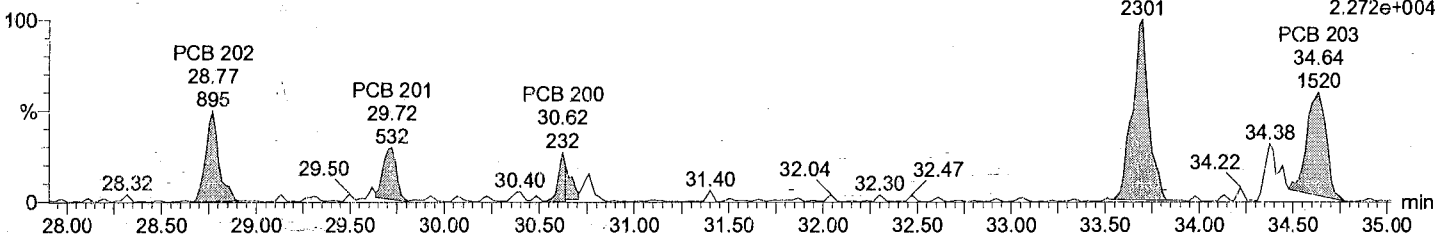
M1170609B12 Smooth(SG,1x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

h=8.395 E2



Total OcCB F6

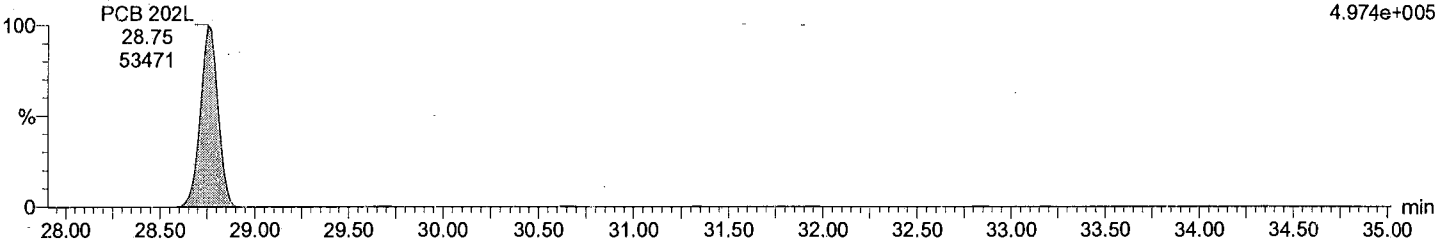
M1170609B12 Smooth(SG,1x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



Total OcCB labeled F6

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

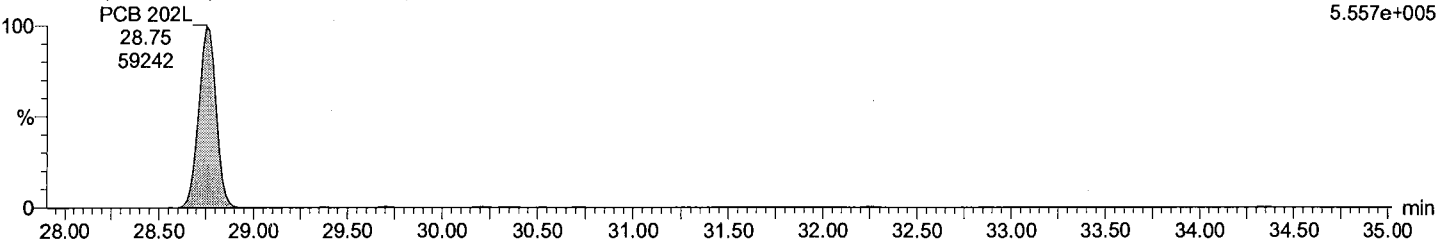
F6:Voltage SIR,EI+  
439.8038  
4.974e+005



Total OcCB labeled F6

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

F6:Voltage SIR,EI+  
441.8008  
5.557e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

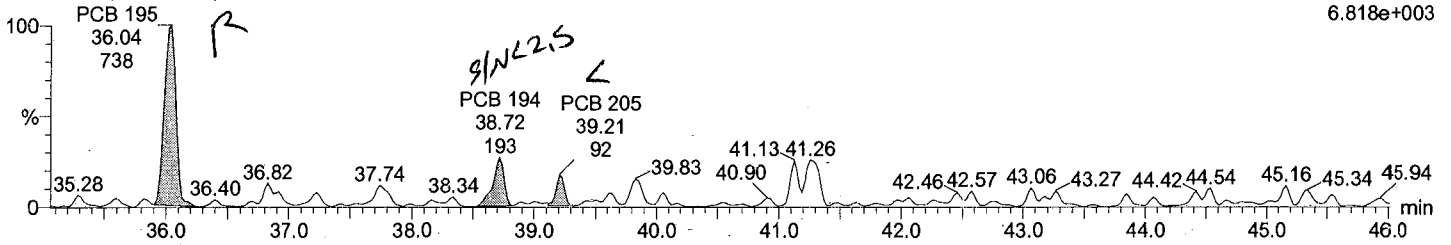
Description: EIY574-01R, 5x  
Vial: 12  
Date: 10-Jun-2017  
Time: 03:53:02  
Instrument:

*h = 7.792 E 2*

**Total OcCB F7**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

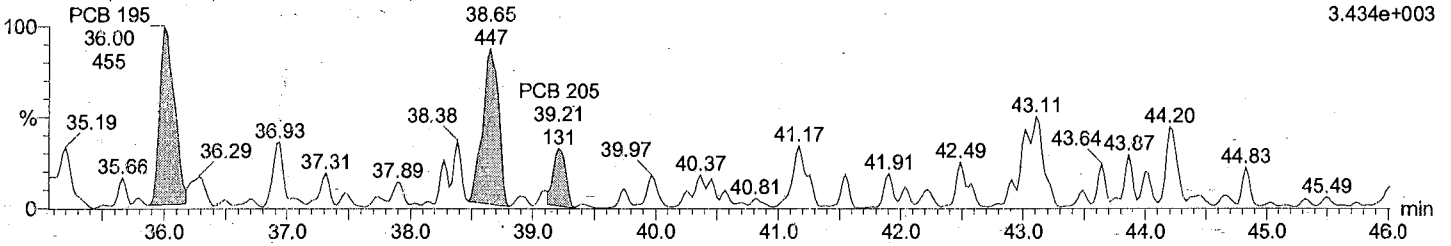
F7:Voltage SIR,EI+  
427.7635  
6.818e+003



**Total OcCB F7**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

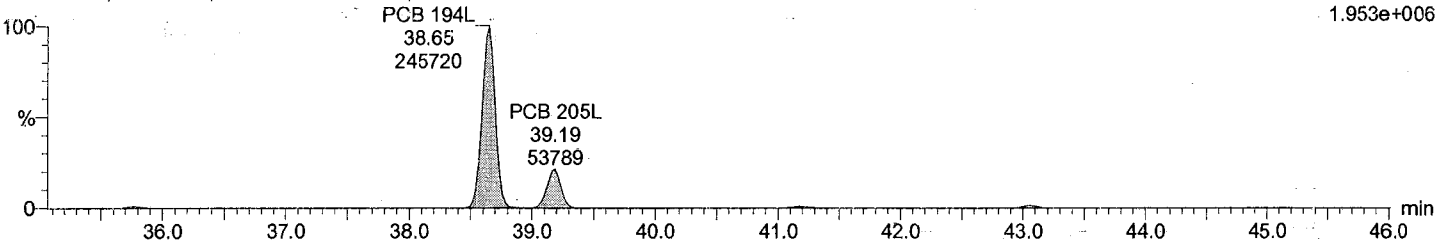
F7:Voltage SIR,EI+  
429.7606  
3.434e+003



**Total OcCB labeled F7**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

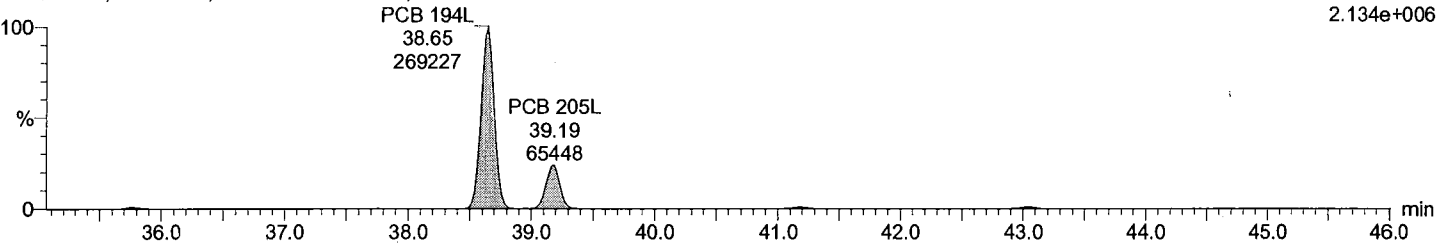
F7:Voltage SIR,EI+  
439.8038  
1.953e+006



**Total OcCB labeled F7**

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

F7:Voltage SIR,EI+  
441.8008  
2.134e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

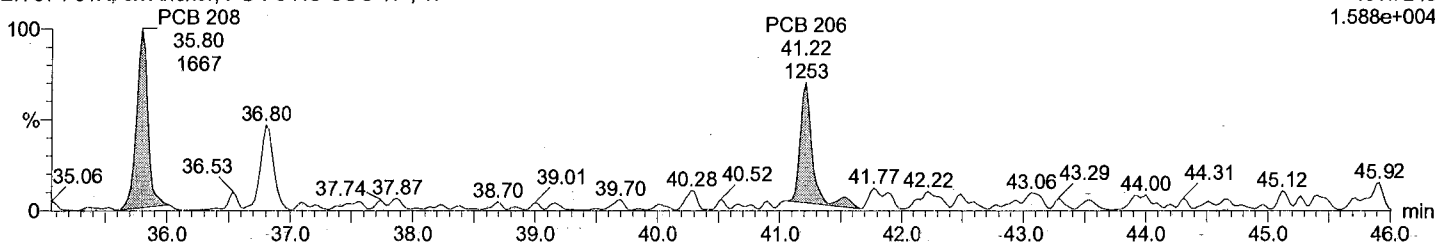
Time: 03:53:02

Instrument:

Total NoCB F7

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

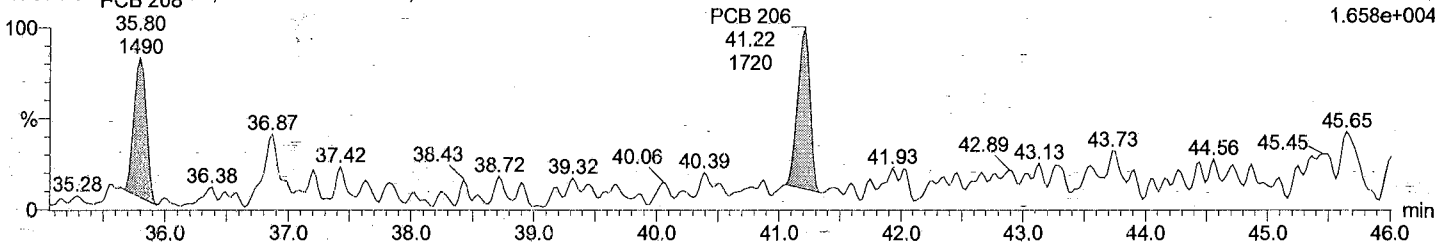
F7:Voltage SIR,EI+  
461.7246  
1.588e+004



Total NoCB F7

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

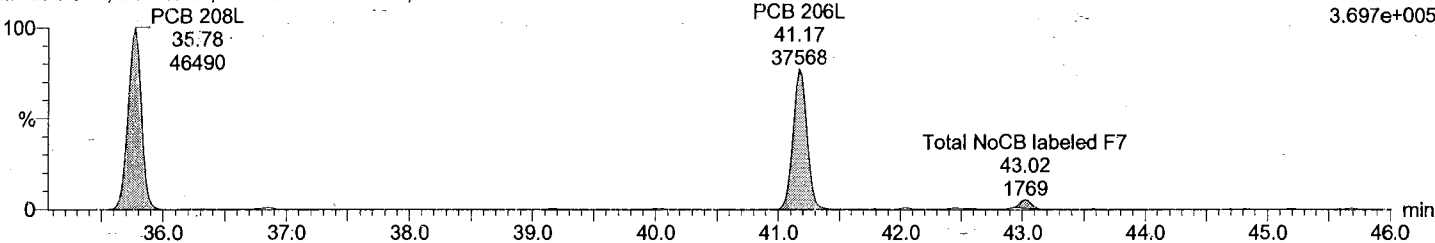
F7:Voltage SIR,EI+  
463.7216  
1.658e+004



Total NoCB labeled F7

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

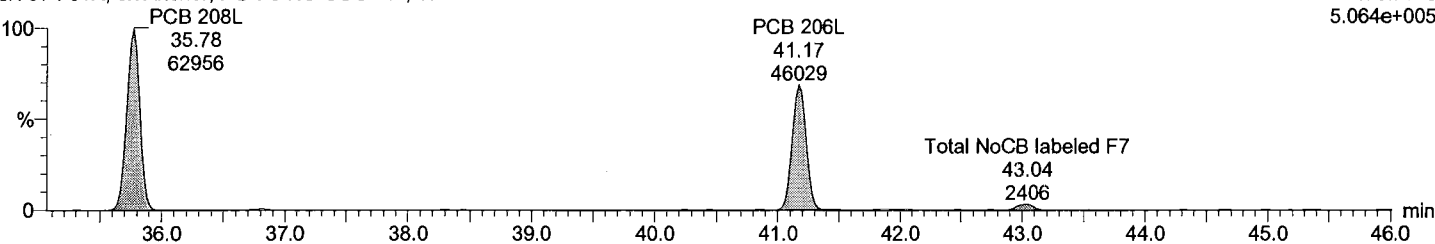
F7:Voltage SIR,EI+  
473.7648  
3.697e+005



Total NoCB labeled F7

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

F7:Voltage SIR,EI+  
475.7619  
5.064e+005





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

Time: 03:53:02

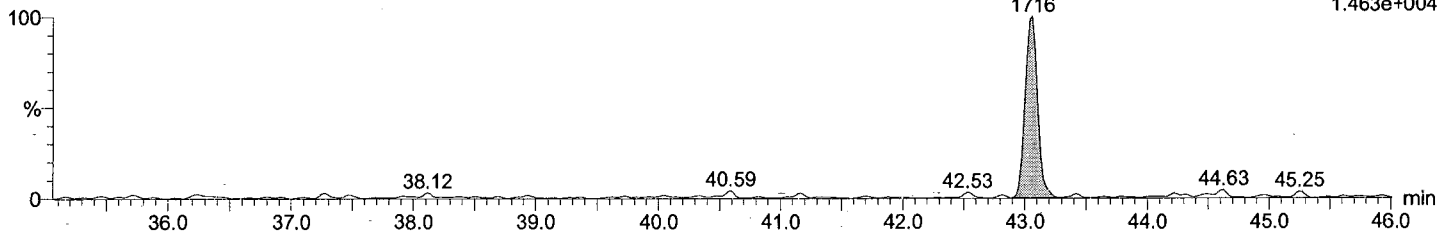
Instrument:

Total DeCB F7

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

PCB 209  
43.06  
1716

F7:Voltage SIR,EI+  
497.6826  
1.463e+004

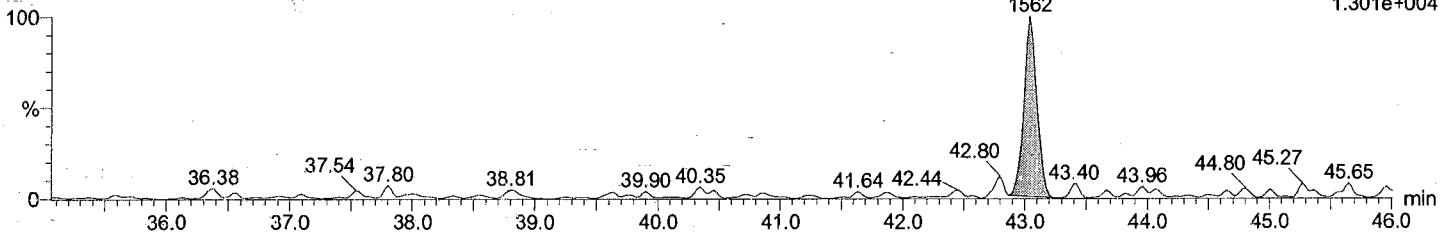


Total DeCB F7

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

PCB 209  
43.04  
1562

F7:Voltage SIR,EI+  
499.6797  
1.301e+004

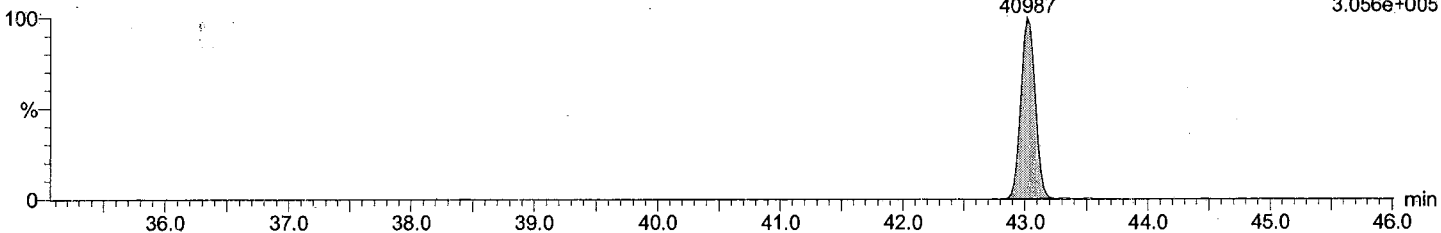


Total DeCB labeled F7

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

PCB 209L  
43.02  
40987

F7:Voltage SIR,EI+  
509.7229  
3.056e+005

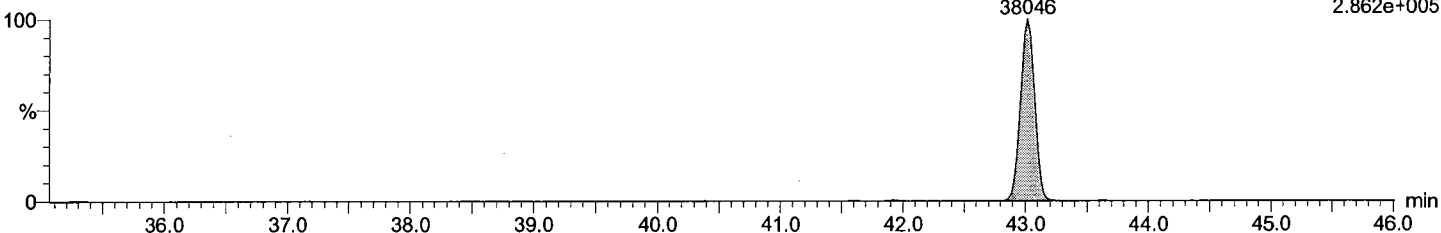


Total DeCB labeled F7

M1170609B12 Smooth(SG,3x1)  
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

PCB 209L  
43.02  
38046

F7:Voltage SIR,EI+  
511.7199  
2.862e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

Time: 03:53:02

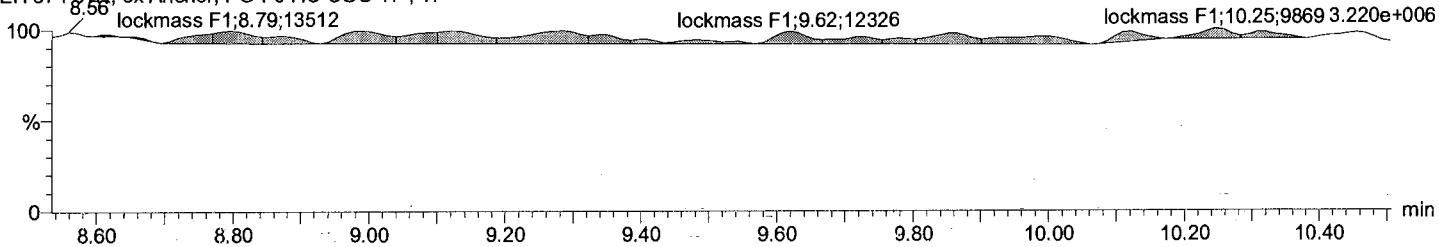
Instrument:

lockmass F1

M1170609B12 Smooth(SG,3x1)

EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

F1:Voltage SIR,EI+  
218.9856

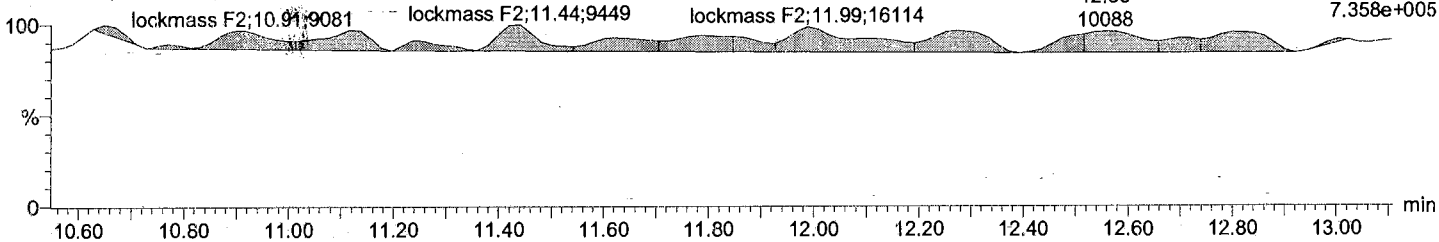


lockmass F2

M1170609B12 Smooth(SG,3x1)

EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

lockmass F2      F2:Voltage SIR,EI+  
12.56      242.9856  
10088      7.358e+005

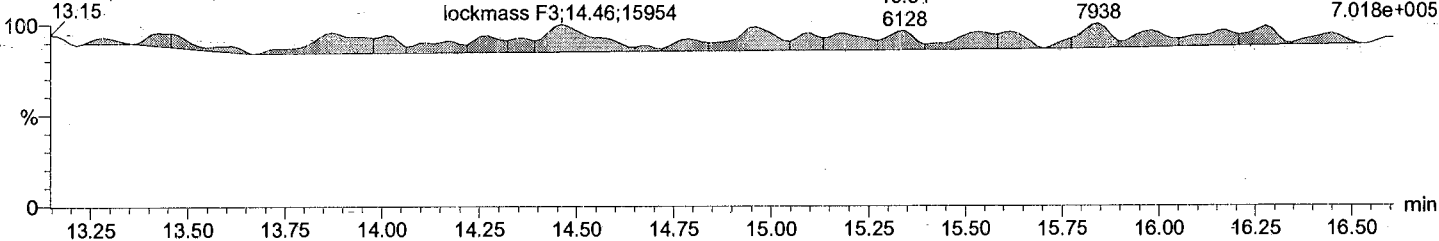


lockmass F3

M1170609B12 Smooth(SG,3x1)

EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

lockmass F3      lockmass F3      F3:Voltage SIR,EI+  
15.34      15.85      292.9824  
6128      7938      7.018e+005

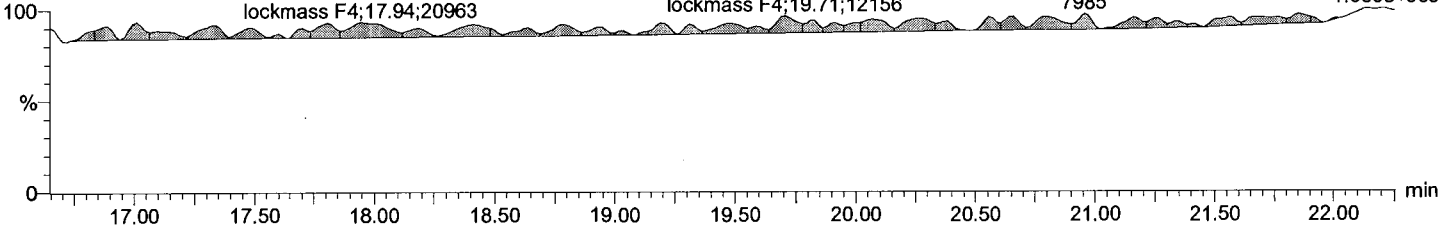


lockmass F4

M1170609B12 Smooth(SG,3x1)

EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI

lockmass F4      F4:Voltage SIR,EI+  
20.95      330.9792  
7985      1.360e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY574-01R, 5x

Vial: 12

Date: 10-Jun-2017

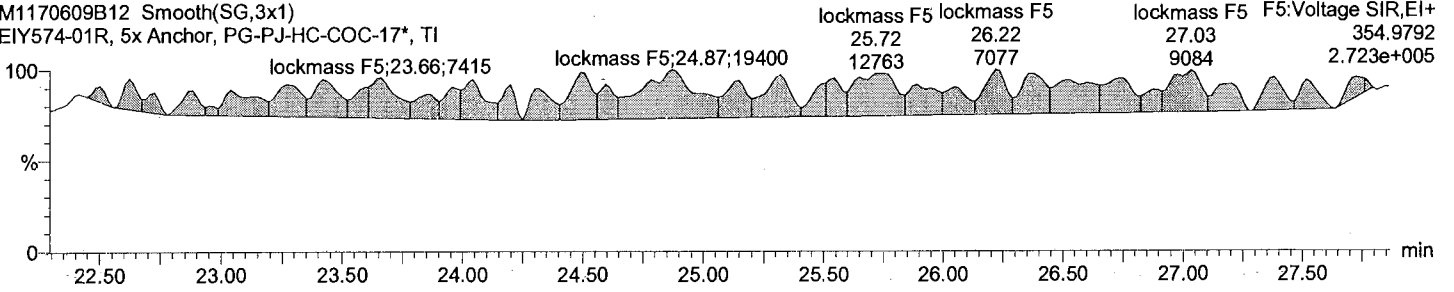
Time: 03:53:02

Instrument:

lockmass F5

M1170609B12 Smooth(SG,3x1)

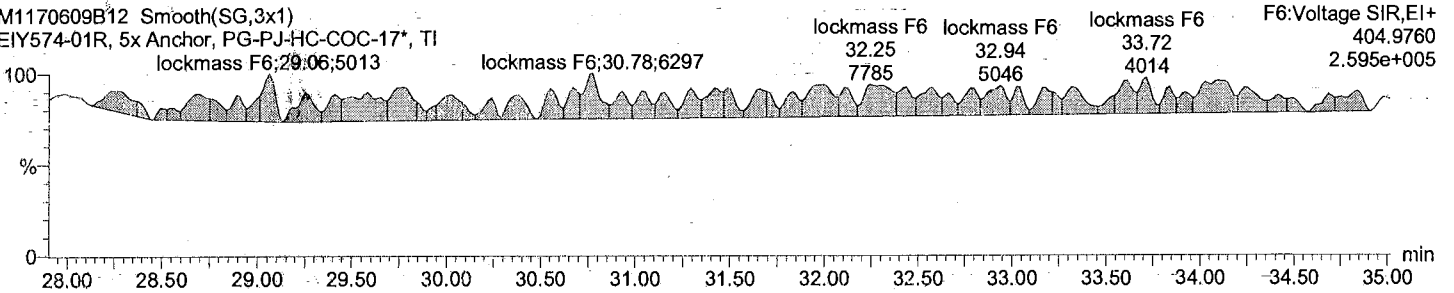
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



lockmass F6

M1170609B12 Smooth(SG,3x1)

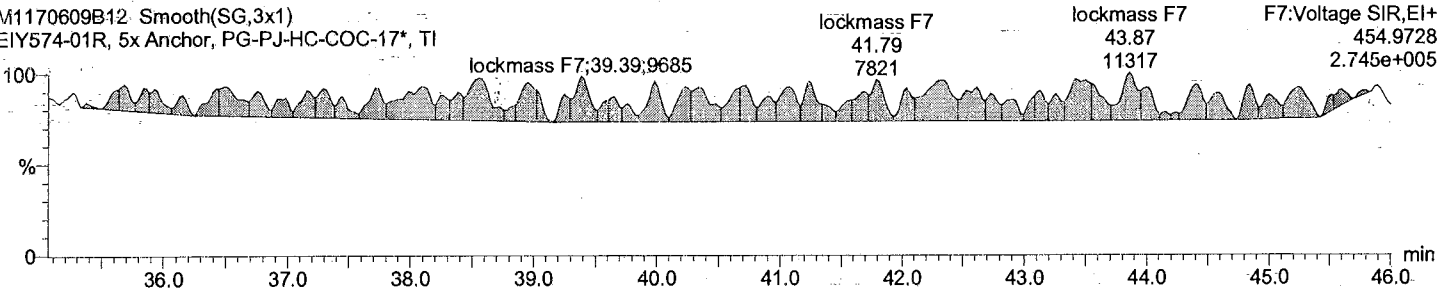
EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



lockmass F7

M1170609B12 Smooth(SG,3x1)

EIY574-01R, 5x Anchor, PG-PJ-HC-COC-17\*, TI



Filename M1170609B13  
 Acquired 10/06/2017 4:43

Call File PCB209\_M1170609B

Sample ID EIY575-01R, 5x  
 Comments  
 Instrument File Ultima 1  
 Sample Size 10.034

Dil Fac 1.00

5X

Name	mass	RT	Area	ratio	Tot Area	ng/g	Code	DL	S/N	Mod	rf	Rec
1 PCB 1	188	NotFnd	*	*	*	*		0.001		no	1.053	-
	MoCB 190	8.81	*	no	*	*				no		
2 PCB 2	188	NotFnd	*	*	*	*		0		no	1.198	-
	MoCB 190	9.91	*	no	*	*				no		
3 PCB 3	188	NotFnd	*	*	*	*		0.001		no	1.055	-
	MoCB 190	10.00	*	no	*	*				no		
4 PCB 4	222	NotFnd	*	*	*	*		0.002		no	1.191	-
	DICB 224	10.11	*	no	*	*				no		
5 PCB 10	222	NotFnd	*	*	*	*		0.002		no	1.156	-
	DICB 224	10.20	*	no	*	*				no		
6 PCB 9	222	NotFnd	*	*	*	*		0.005		no	1.544	-
	DICB 224	11.00	*	no	*	*				no		
7 PCB 7	222	NotFnd	*	*	*	*		0.006		no	1.399	-
	DICB 224	11.08	*	no	*	*				no		
8 PCB 6	222	NotFnd	*	*	*	*		0.006		no	1.424	-
	DICB 224	11.18	*	no	*	*				no		
9 PCB 5	222	NotFnd	*	*	*	*		0.006		no	1.462	-
	DICB 224	11.30	*	no	*	*				no		
10 PCB 8	222	NotFnd	*	*	*	*		0.006		no	1.443	-
	DICB 224	11.36	*	no	*	*				no		
11 PCB 14	222	NotFnd	*	*	*	*		0.005		no	1.506	-
	DICB 224	12.03	*	no	*	*				no		
12 PCB 11	222	12.41	3835	1.17	7107	0.010117		0.006	19	no	1.42	-
	DICB 224	12.40	3272	no	*	*			3	no		
13 PCB 13/12	222	NotFnd	*	*	*	*		0.006		no	1.443	-
	DICB 224	12.54	*	no	*	*				no		
14 PCB 15	222	NotFnd	*	*	*	*		0.007		no	0.956	-
	DICB 224	12.68	*	no	*	*				no		
15 PCB 19	256	NotFnd	*	*	*	*		0.002		no	1.06	-
	TriCB 258	11.46	*	no	*	*				no		
16 PCB 30/18	256	NotFnd	*	*	*	*		0.001		no	1.033	-
	TriCB 258	12.25	*	no	*	*				no		
17 PCB 17	256	NotFnd	*	*	*	*		0.001		no	0.838	-
	TriCB 258	12.46	*	no	*	*				no		
18 PCB 27	256	NotFnd	*	*	*	*		0.001		no	1.164	-
	TriCB 258	12.54	*	no	*	*				no		
19 PCB 24	256	NotFnd	*	*	*	*		0.001		no	1.35	-
	TriCB 258	12.58	*	no	*	*				no		
20 PCB 16	256	NotFnd	*	*	*	*		0.002		no	0.606	-
	TriCB 258	12.66	*	no	*	*				no		
21 PCB 32	256	NotFnd	*	*	*	*		0.001		no	1.334	-
	TriCB 258	12.88	*	no	*	*				no		
22 PCB 34	256	NotFnd	*	*	*	*		0		no	1.427	-
	TriCB 258	13.46	*	no	*	*				no		
23 PCB 23	256	NotFnd	*	*	*	*		0.001		no	1.32	-
	TriCB 258	13.54	*	no	*	*				no		
24 PCB 28/29	256	NotFnd	*	*	*	*		0		no	1.443	-
	TriCB 258	13.70	*	no	*	*				no		
25 PCB 25	256	NotFnd	*	*	*	*		0.001		no	1.389	-
	TriCB 258	13.83	*	no	*	*				no		
26 PCB 31	256	13.96	1251	0.79	2842	0.003164		0	26	no	1.527	-
	TriCB 258	13.99	1591	no	*	*			31	no		
27 PCB 28/20	256	14.13	2653	0.98	5357	0.006318		0	54	no	1.441	-
	TriCB 258	14.14	2704	yes	*	*			51	no		
28 PCB 21/33	256	NotFnd	*	*	*	*		0.001		no	1.391	-
	TriCB 258	14.26	*	no	*	*				no		
29 PCB 22	256	NotFnd	*	*	*	*		0.001		no	1.357	-
	TriCB 258	14.45	*	no	*	*				no		
30 PCB 36	256	NotFnd	*	*	*	*		0		no	1.632	-
	TriCB 258	15.28	*	no	*	*				no		
31 PCB 39	256	NotFnd	*	*	*	*		0		no	1.448	-
	TriCB 258	15.48	*	no	*	*				no		
32 PCB 38	256	NotFnd	*	*	*	*		0		no	1.474	-
	TriCB 258	15.86	*	no	*	*				no		
33 PCB 35	256	NotFnd	*	*	*	*		0.001		no	1.4	-
	TriCB 258	16.08	*	no	*	*				no		
34 PCB 37	256	NotFnd	*	*	*	*		0.001		no	0.951	-
	TriCB 258	16.35	*	no	*	*				no		
35 PCB 54	290	NotFnd	*	*	*	*		0.001		no	1.071	-
	TCB 292	12.82	*	no	*	*				no		
36 PCB 53/50	290	NotFnd	*	*	*	*		0.002		no	0.861	-
	TCB 292	13.86	*	no	*	*				no		
37 PCB 45/51	290	NotFnd	*	*	*	*		0.002		no	0.832	-
	TCB 292	14.21	*	no	*	*				no		
38 PCB 46	290	NotFnd	*	*	*	*		0.003		no	0.718	-
	TCB 292	14.35	*	no	*	*				no		
39 PCB 52	290	15.07	4025	0.69	9882	0.015148		0.002	28	no	0.961	-
	TCB 292	15.05	5858	yes	*	*			43	no		
40 PCB 73	290	NotFnd	*	*	*	*		0.002		no	1.012	-
	TCB 292	15.14	*	no	*	*				no		
41 PCB 43	290	NotFnd	*	*	*	*		0.002		no	0.787	-
	TCB 292	15.21	*	no	*	*				no		
42 PCB 69/49	290	15.34	1790	0.77	4102	0.006341		0.002	12	no	0.953	-
	TCB 292	15.34	2312	yes	*	*			17	no		
43 PCB 48	290	NotFnd	*	*	*	*		0.002		no	0.848	-
	TCB 292	15.50	*	no	*	*				no		
44 PCB 44/47/65	290	15.65	4565	0.68	11238	0.018057		0.002	26	no	0.917	-
	TCB 292	15.64	6673	yes	*	*			41	no		
45 PCB 59/62/75	290	NotFnd	*	*	*	*		0.002		no	1.12	-



95 PCB 155	360	NotFnd	*	*	*		0	no	1.103	-
	HxCB 362	19.24	*	no	*					
96 PCB 152	360	NotFnd	*	*	*		0	no	0.849	-
	HxCB 362	19.38	*	no	*					
97 PCB 150	360	NotFnd	*	*	*		0	no	0.77	-
	HxCB 362	19.51	*	no	*					
98 PCB 136	360	1435	19.78	1.39	2471	0.004854	0	113	no	0.816
	HxCB 362	19.76	1035	yes	*			38		
99 PCB 145	360	NotFnd	*	*	*		0	no	0.755	-
	HxCB 362	20.01	*	no	*					
100 PCB 148	360	NotFnd	*	*	*		0	no	0.617	-
	HxCB 362	21.11	*	no	*					
101 PCB 151/135	360	3756	21.61	1.22	6840	0.018285	0	218	no	0.6
	HxCB 362	21.59	3085	yes	*			73		
102 PCB 154	360	NotFnd	*	*	*		0	no	0.691	-
	HxCB 362	21.80	*	no	*					
103 PCB 144	360	NotFnd	*	*	*		0	no	0.618	-
	HxCB 362	22.05	*	no	*					
104 PCB 147/149	360	NotFnd	*	*	*		0.003	no	0.809	-
	HxCB 362	22.34	*	no	*					
105 PCB 134/143	360	NotFnd	*	*	*		0.003	no	0.689	-
	HxCB 362	22.59	*	no	*					
106 PCB 139/140	360	NotFnd	*	*	*		0.003	no	0.804	-
	HxCB 362	22.86	*	no	*					
107 PCB 131	360	NotFnd	*	*	*		0.003	no	0.649	-
	HxCB 362	23.03	*	no	*					
108 PCB 142	360	NotFnd	*	*	*		0.003	no	0.718	-
	HxCB 362	23.16	*	no	*					
109 PCB 132	360	2561	23.42	1.23	4647	0.010644	0.003	19	no	0.7
	HxCB 362	23.41	2087	yes	*			11		
110 PCB 133	360	NotFnd	*	*	*		0.003	no	0.786	-
	HxCB 362	23.84	*	no	*					
111 PCB 165	360	NotFnd	*	*	*		0.002	no	0.992	-
	HxCB 362	24.21	*	no	*					
112 PCB 146	360	5136	24.40	1.46	8648	0.015492	0.003	31	no	0.895
	HxCB 362	24.41	3512	no	*			17		
113 PCB 161	360	NotFnd	*	*	*		0.002	no	1.015	-
	HxCB 362	24.53	*	no	*					
114 PCB 153/168	360	36395	24.98	1.29	64589	0.104268	0.002	223	no	0.993
	HxCB 362	24.99	28194	yes	*			136		
115 PCB 141	360	NotFnd	*	*	*		0.003	no	0.784	-
	HxCB 362	25.14	*	no	*					
116 PCB 130	360	1081	25.51	0.91	2264	0.00507	0.003	7	no	0.716
	HxCB 362	25.51	1183	no	*			6		
117 PCB 137	360	NotFnd	*	*	*		0.003	no	0.675	-
	HxCB 362	25.75	*	no	*					
118 PCB 164	360	NotFnd	*	*	*		0.002	no	1.109	-
	HxCB 362	25.83	*	no	*					
119 PCB 138/163/129	360	25058	26.12	1.24	45290	0.085706	0.003	159	no	0.847
	HxCB 362	26.15	20232	yes	*			92		
120 PCB 160	360	NotFnd	*	*	*		0.002	no	0.943	-
	HxCB 362	26.30	*	no	*					
121 PCB 158	360	1272	26.48	0.77	2919	0.004241	0.002	10	no	1.103
	HxCB 362	26.47	1646	no	*			9		
122 PCB 128/166	360	3749	27.31	1.54	6189	0.010619	0.002	19	no	0.934
	HxCB 362	27.31	2440	no	*			11		
123 PCB 159	360	NotFnd	*	*	*		0	no	1.254	-
	HxCB 362	28.27	*	no	*					
124 PCB 162	360	NotFnd	*	*	*		0	no	1.204	-
	HxCB 362	28.53	*	no	*					
125 PCB 167	360	NotFnd	*	*	*		0	no	1.103	-
	HxCB 362	29.02	*	no	*					
126 PCB 156/157	360	2599	30.14	1.54	4289	0.005172	0	84	no	1.047
	HxCB 362	30.17	1691	no	*			55		
127 PCB 169	360	NotFnd	*	*	*		0	no	1.04	-
	HxCB 362	33.54	*	no	*					
128 PCB 188	394	NotFnd	*	*	*		0	no	1.069	-
	HxCB 396	23.79	*	no	*					
129 PCB 179	394	1976	24.09	0.86	4283	0.00612	0	85	no	1.122
	HxCB 396	24.07	2308	no	*			54		
130 PCB 184	394	NotFnd	*	*	*		0	no	1.054	-
	HxCB 396	24.55	*	no	*					
131 PCB 176	394	NotFnd	*	*	*		0	no	1.032	-
	HxCB 396	24.86	*	no	*					
132 PCB 186	394	NotFnd	*	*	*		0	no	0.965	-
	HxCB 396	25.26	*	no	*					
133 PCB 178	394	NotFnd	*	*	*		0	no	0.77	-
	HxCB 396	26.54	*	no	*					
134 PCB 175	394	NotFnd	*	*	*		0	no	0.803	-
	HxCB 396	27.14	*	no	*					
135 PCB 187	394	8649	27.40	0.89	18364	0.036165	0	370	no	0.814
	HxCB 396	27.37	9715	no	*			208		
136 PCB 182	394	NotFnd	*	*	*		0	no	0.797	-
	HxCB 396	27.59	*	no	*					
137 PCB 183	394	NotFnd	*	*	*		0.002	no	1.01	-
	HxCB 396	27.99	*	no	*					
138 PCB 185	394	NotFnd	*	*	*		0.003	no	0.813	-
	HxCB 396	28.08	*	no	*					
139 PCB 174	394	NotFnd	*	*	*		0.002	no	0.901	-
	HxCB 396	28.24	*	no	*					
140 PCB 177	394	2961	28.65	1.03	5841	0.010666	0.002	10	no	0.878
	HxCB 396	28.65	2880	yes	*			43		
141 PCB 181	394	NotFnd	*	*	*		0.002	no	0.887	-
	HxCB 396	29.06	*	no	*					
142 PCB 171/173	394	NotFnd	*	*	*		0.002	no	0.854	-
	HxCB 396	29.28	*	no	*					
143 PCB 172	394	NotFnd	*	*	*		0.002	no	0.869	-
	HxCB 396	30.93	*	no	*					
144 PCB 192	394	NotFnd	*	*	*		0.002	no	1.06	-



194 PCB 111L	338	21.41	98310	1.65	157909	0.221828	0	1540	no	1.373	100
PCB Cleanup Standard	340	21.40	59599	yes				2844			
195 PCB 178L	406	26.50	45770	1.04	89908	0.22578	0.001	1602	no	0.732	102
PCB Cleanup Standard	408	26.50	44138	yes				834			
196 PCB 31L	268	NotFnd	*	*	*		0.004		no	1.878	
PCB Audit Standard	270	13.97	*	no							
197 PCB 95L	338	NotFnd	*	*	*		0.001		no	0.916	
PCB Audit Standard	340	17.38	*	no							
198 PCB 153L	372	24.94	1865	1.64	3006	0.004714	0	74	no	1.173	2
PCB Audit Standard	374	24.96	1141	no				16			
199 PCB 9L	234	10.99	692093	1.58	1130706	2.797419	-	764	no	-	-
PCB Recovery Standard	236	11.00	438613	yes				3667			
200 PCB 52L	302	15.05	264638	0.75	616491	2.743257	-	1413	no	-	-
PCB Recovery Standard	304	15.05	351853	yes				2996			
201 PCB 101L	338	19.38	356938	1.64	574114	2.812909	-	5654	no	-	-
PCB Recovery Standard	340	19.36	217176	yes				10796			
202 PCB 138L	372	26.08	338711	1.29	602072	2.893738	-	12541	no	-	-
PCB Recovery Standard	374	26.07	263361	yes				3420			
203 PCB 194L	440	38.63	234488	0.89	497230	2.653593	-	2595	no	-	-
PCB Recovery Standard	442	38.59	262742	yes				3520			



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

*Octa  
Only*

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

Vial: 13

Date: 10-Jun-2017

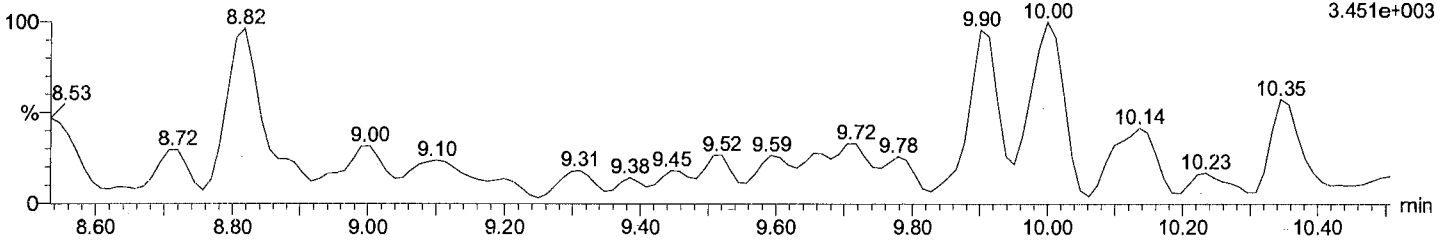
Time: 04:43:13

Instrument:

Total MoCB F1

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

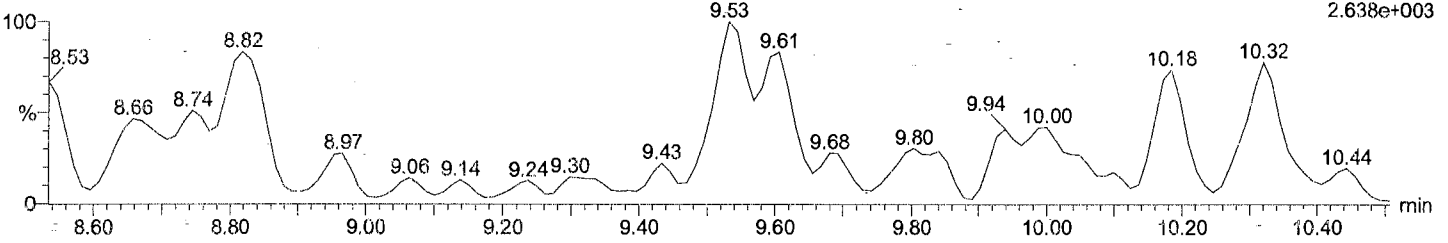
F1:Voltage SIR,EI+  
188.0393  
3.451e+003



Total MoCB F1

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

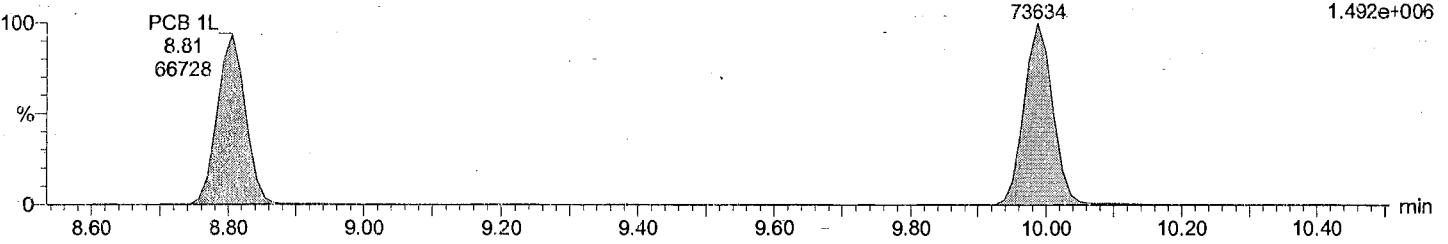
F1:Voltage SIR,EI+  
190.0363  
2.638e+003



Total MoCB labeled F1

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

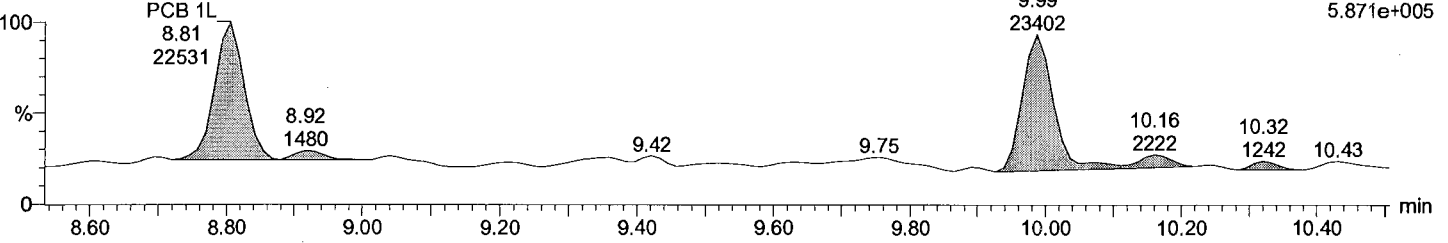
PCB 3L  
9.99  
73634  
F1:Voltage SIR,EI+  
200.0795  
1.492e+006



Total MoCB labeled F1

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 3L  
9.99  
23402  
F1:Voltage SIR,EI+  
202.076  
5.871e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

Vial: 13

Date: 10-Jun-2017

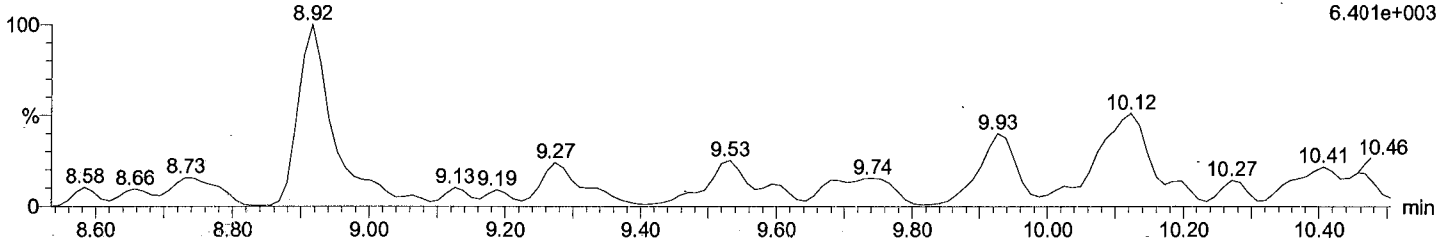
Time: 04:43:13

Instrument:

Total DiCB F1

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

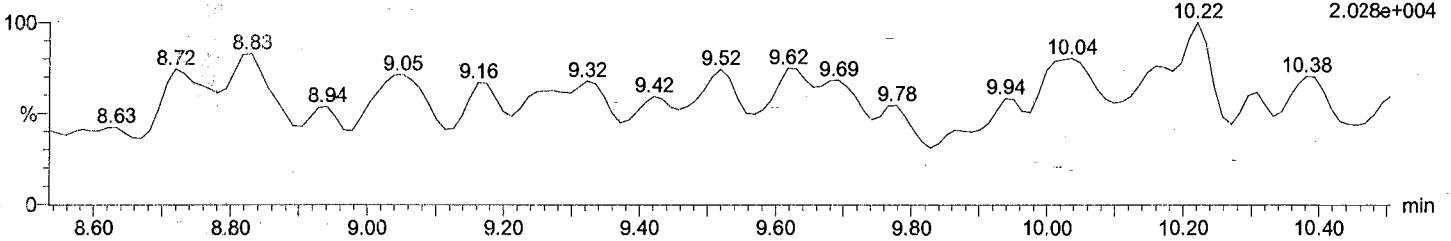
F1:Voltage SIR,EI+  
222.0003  
6.401e+003



Total DiCB F1

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

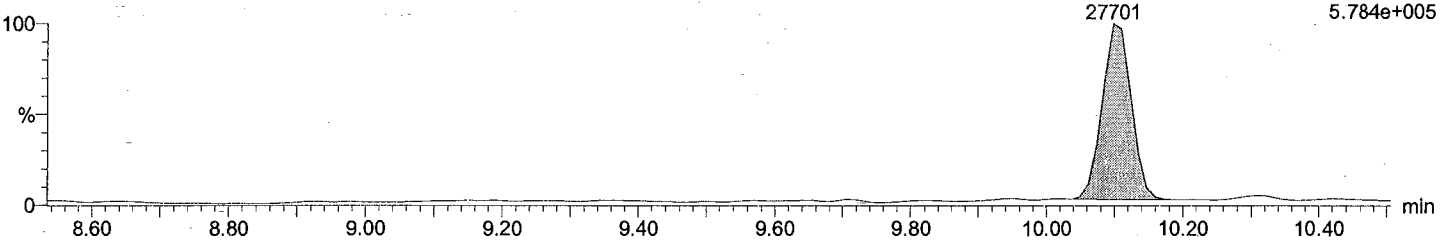
F1:Voltage SIR,EI+  
223.9974  
2.028e+004



Total DiCB labeled F1

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

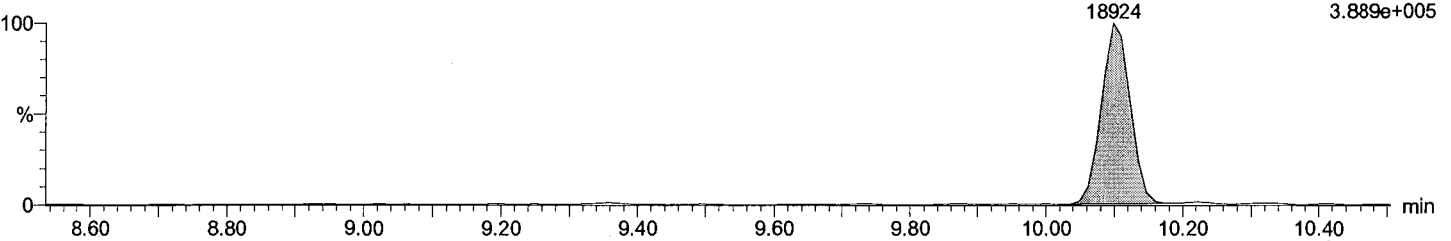
PCB 4L  
10.10  
27701  
F1:Voltage SIR,EI+  
234.0406  
5.784e+005



Total DiCB labeled F1

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 4L  
10.10  
18924  
F1:Voltage SIR,EI+  
236.0376  
3.889e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

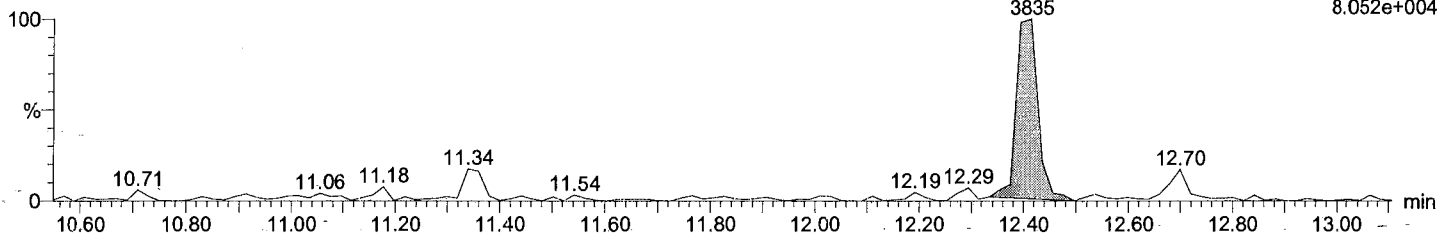
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x  
Vial: 13  
Date: 10-Jun-2017  
Time: 04:43:13  
Instrument:

Total DiCB F2

M1170609B13  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

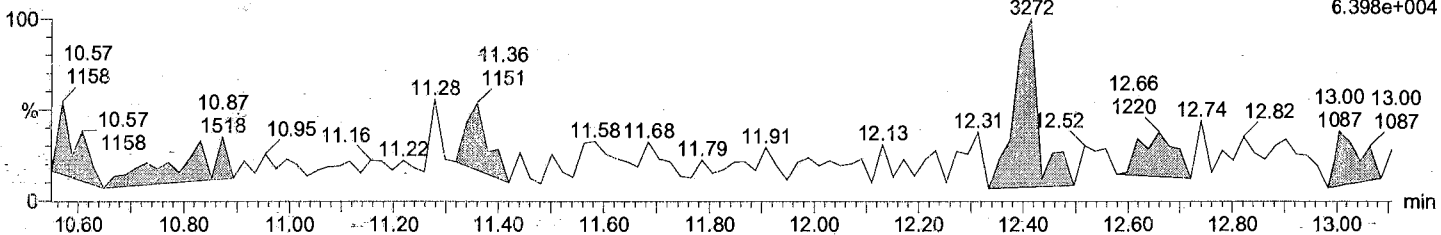
PCB 11  
12.41  
3835  
F2:Voltage SIR,EI+  
222.0003  
8.052e+004



Total DiCB F2

M1170609B13  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

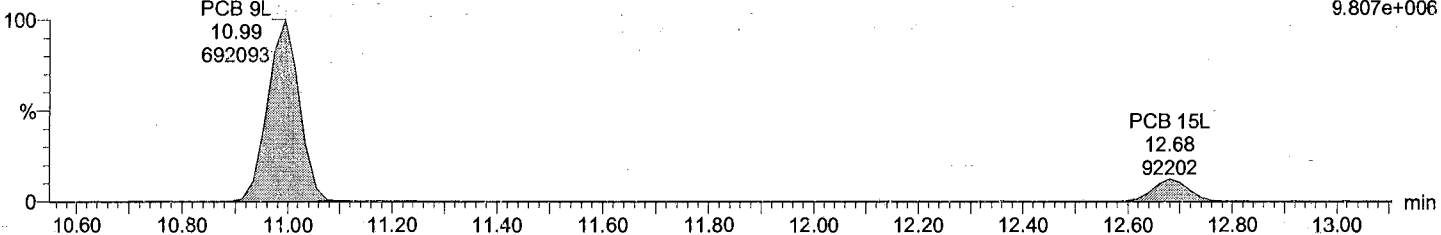
PCB 11  
12.41  
3272  
F2:Voltage SIR,EI+  
223.9974  
6.398e+004



Total DiCB labeled F2

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

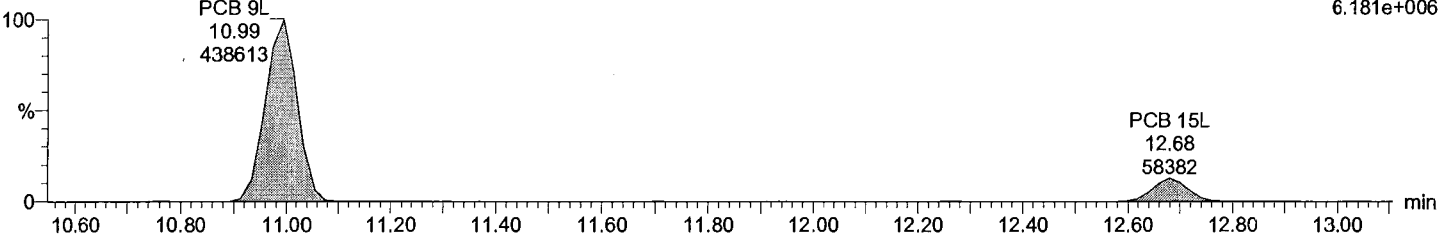
PCB 9L  
10.99  
692093  
F2:Voltage SIR,EI+  
234.0406  
9.807e+006



Total DiCB labeled F2

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 9L  
10.99  
438613  
F2:Voltage SIR,EI+  
236.0376  
6.181e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

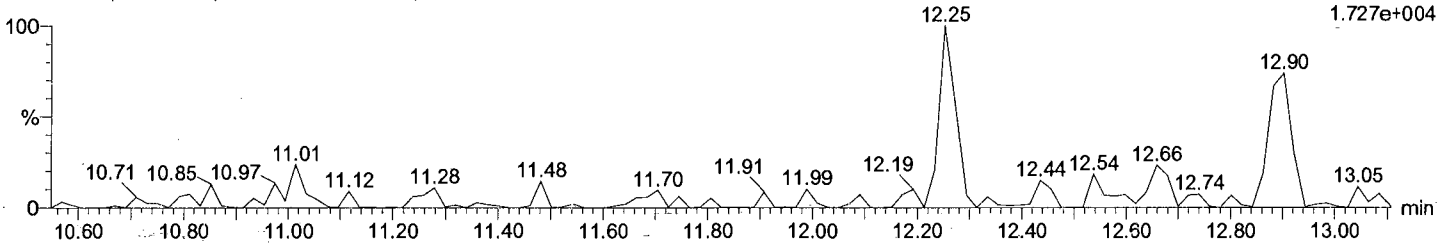
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x  
Vial: 13  
Date: 10-Jun-2017  
Time: 04:43:13  
Instrument:

Total TriCB F2

M1170609B13  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

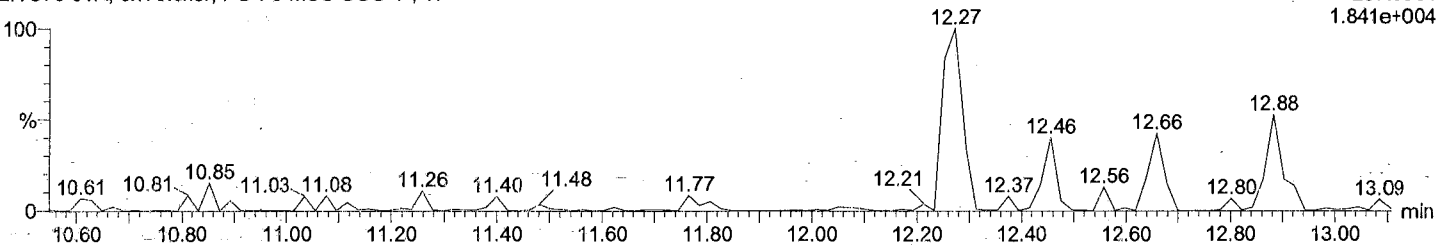
F2:Voltage SIR,EI+  
255.9614  
1.727e+004



Total TriCB F2

M1170609B13  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

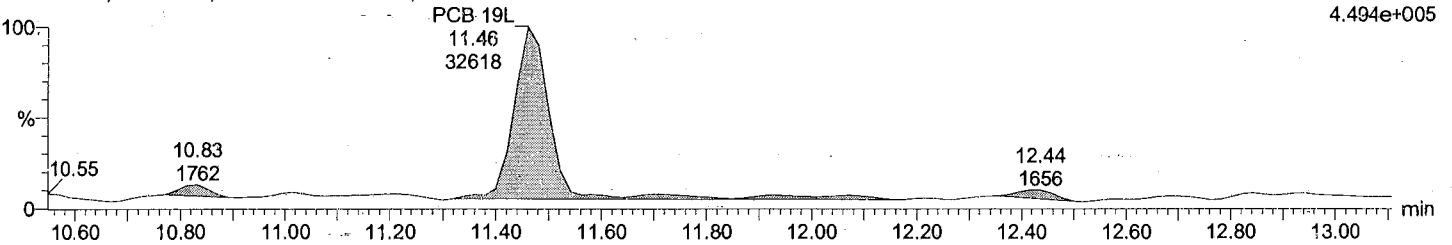
F2:Voltage SIR,EI+  
257.9584  
1.841e+004



Total TriCB labeled F2

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

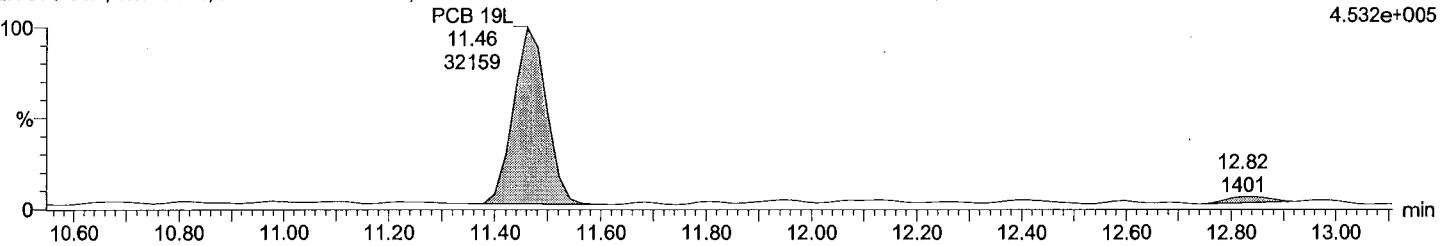
F2:Voltage SIR,EI+  
268.0016  
4.494e+005



Total TriCB labeled F2

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F2:Voltage SIR,EI+  
269.9986  
4.532e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

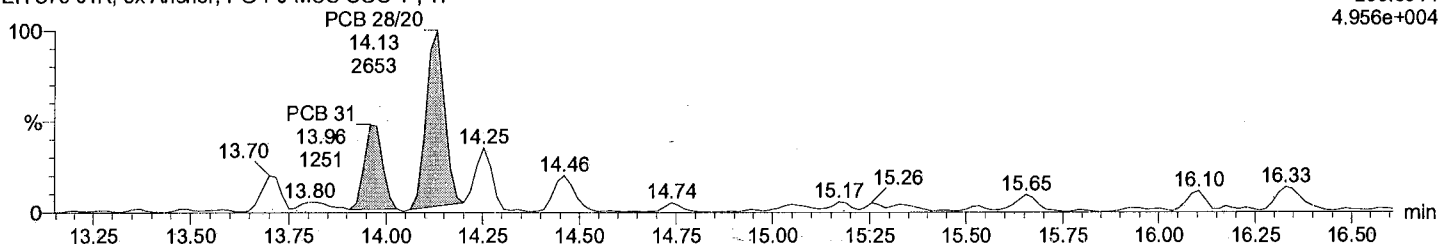
Description: EIY575-01R, 5x  
Vial: 13  
Date: 10-Jun-2017  
Time: 04:43:13  
Instrument:

Total TriCB F3

M1170609B13 Smooth(SG,1x1)

EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F3:Voltage SIR,EI+  
255.9614  
4.956e+004

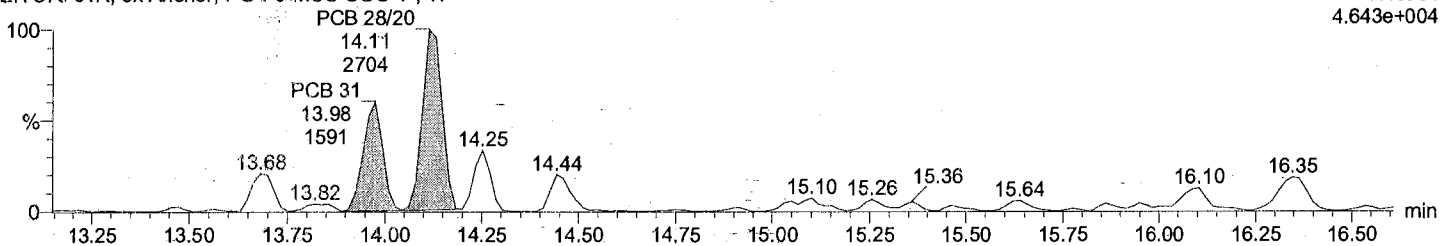


Total TriCB F3

M1170609B13 Smooth(SG,1x1)

EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F3:Voltage SIR,EI+  
257.9584  
4.643e+004

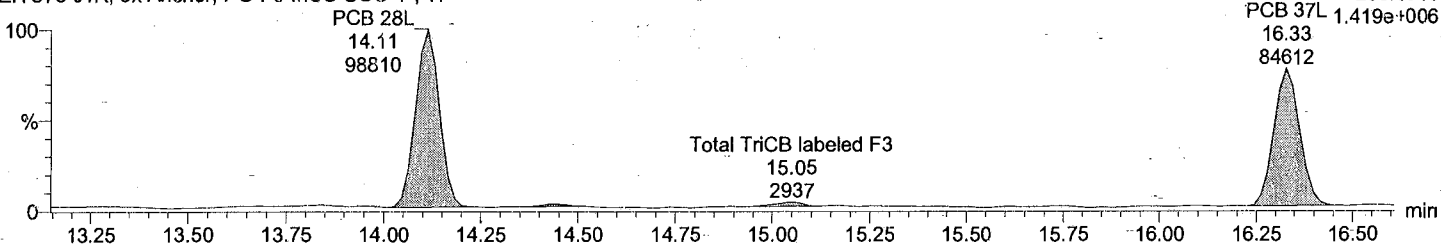


Total TriCB labeled F3

M1170609B13 Smooth(SG,3x1)

EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F3:Voltage SIR,EI+  
268.0016  
1.419e+006

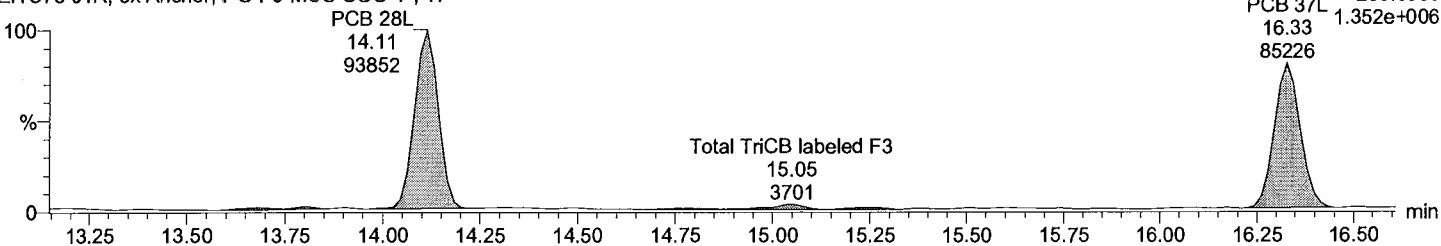


Total TriCB labeled F3

M1170609B13 Smooth(SG,3x1)

EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F3:Voltage SIR,EI+  
269.9986  
1.352e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

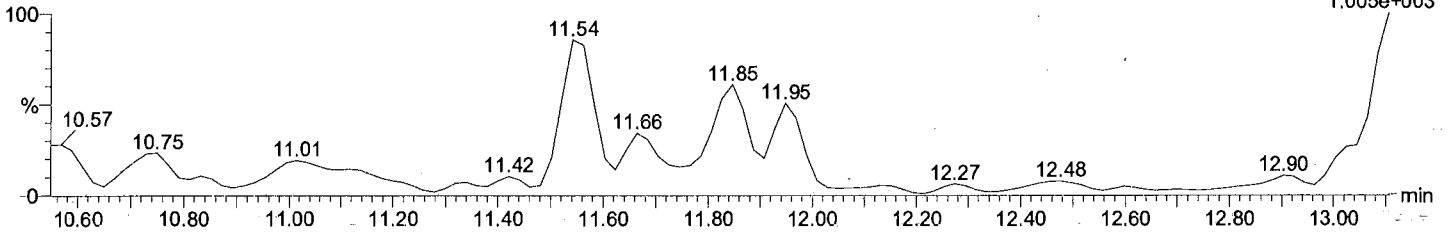
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x  
Vial: 13  
Date: 10-Jun-2017  
Time: 04:43:13  
Instrument:

Total TeCB F2

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

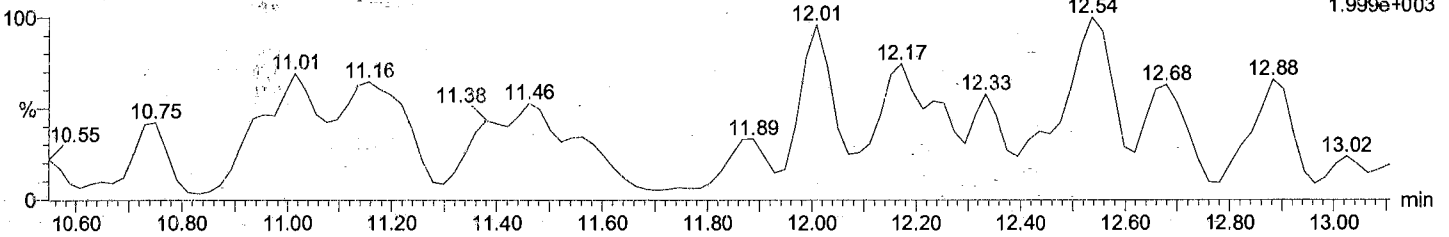
F2:Voltage SIR,EI+  
289.9224  
1.005e+003



Total TeCB F2

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

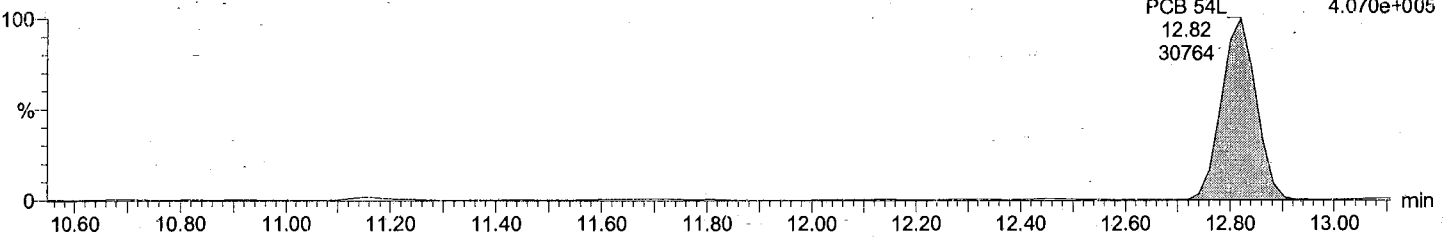
F2:Voltage SIR,EI+  
291.9194  
1.999e+003



Total TeCB labeled F2

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

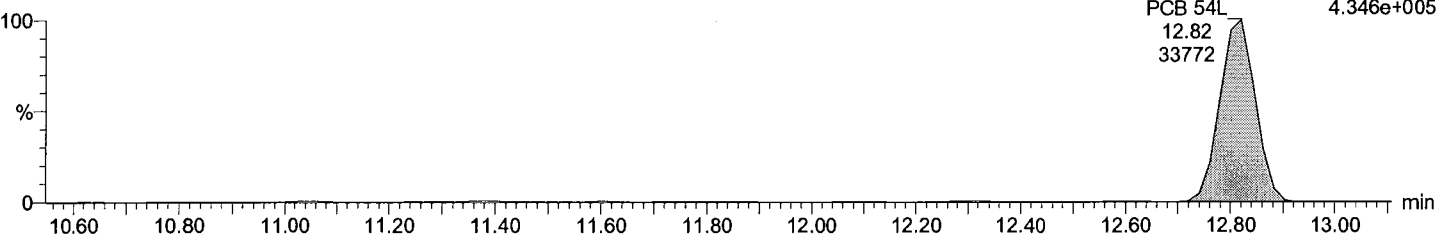
F2:Voltage SIR,EI+  
301.9626  
4.070e+005



Total TeCB labeled F2

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F2:Voltage SIR,EI+  
303.9597  
4.346e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

Vial: 13

Date: 10-Jun-2017

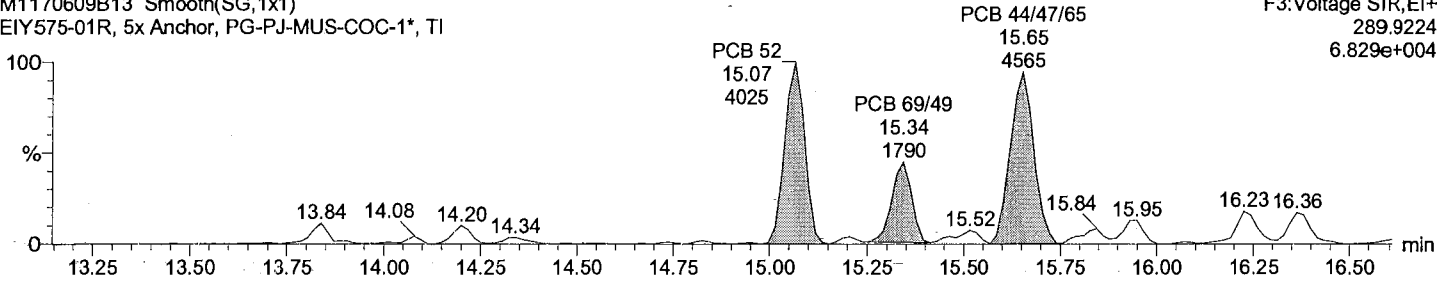
Time: 04:43:13

Instrument:

Total TeCB F3

M1170609B13 Smooth(SG,1x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

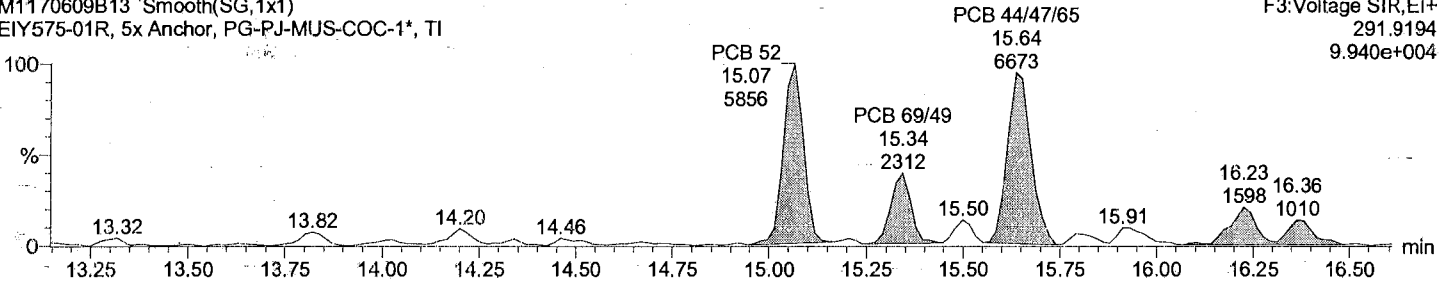
F3:Voltage SIR,EI+  
289.9224  
6.829e+004



Total TeCB F3

M1170609B13 Smooth(SG,1x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

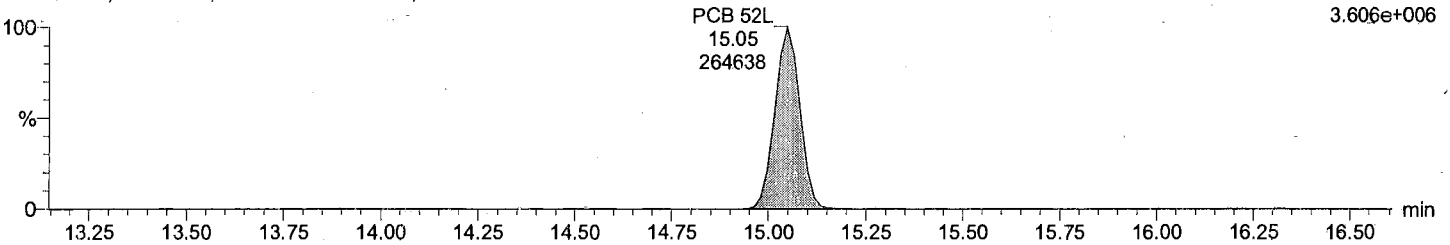
F3:Voltage SIR,EI+  
291.9194  
9.940e+004



Total TeCB labeled F3

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

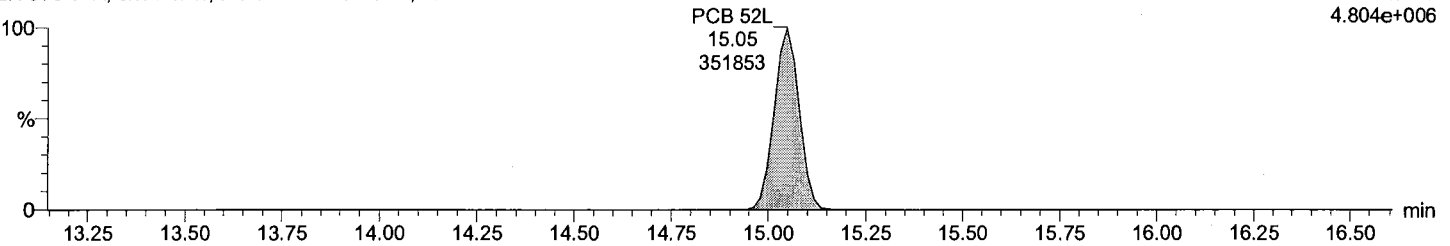
F3:Voltage SIR,EI+  
301.9626  
3.606e+006



Total TeCB labeled F3

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F3:Voltage SIR,EI+  
303.9597  
4.804e+006



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

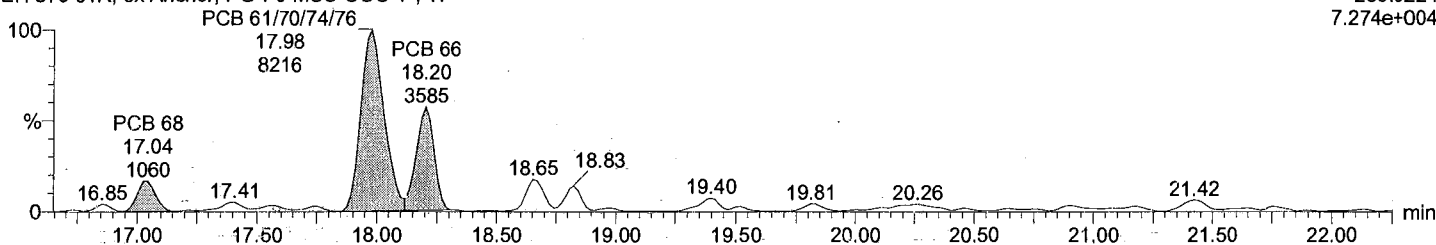
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x  
Vial: 13  
Date: 10-Jun-2017  
Time: 04:43:13  
Instrument:

**Total TeCB F4**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

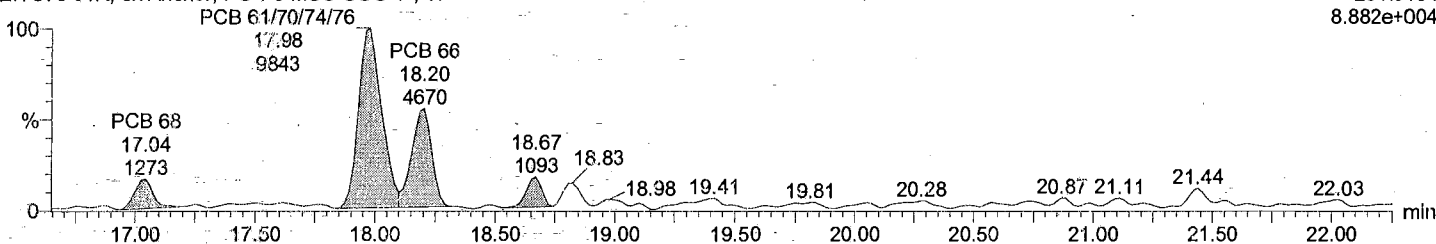
F4:Voltage SIR,EI+  
289.9224  
7.274e+004



**Total TeCB F4**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

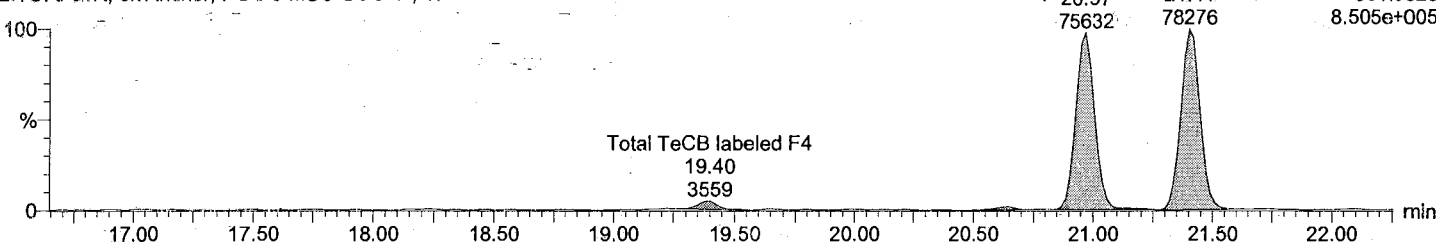
F4:Voltage SIR,EI+  
291.9194  
8.882e+004



**Total TeCB labeled F4**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

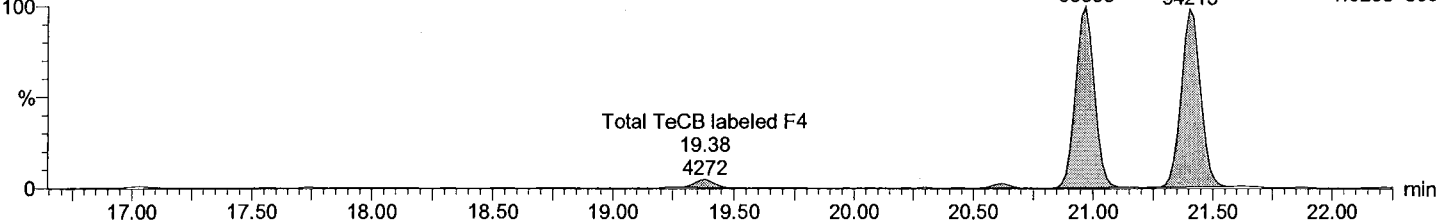
PCB 81L 20.97 75632  
PCB 77L 21.41 78276  
F4:Voltage SIR,EI+  
301.9626  
8.505e+005



**Total TeCB labeled F4**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 81L 20.97 93358  
PCB 77L 21.41 94213  
F4:Voltage SIR,EI+  
303.9597  
1.028e+006





Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

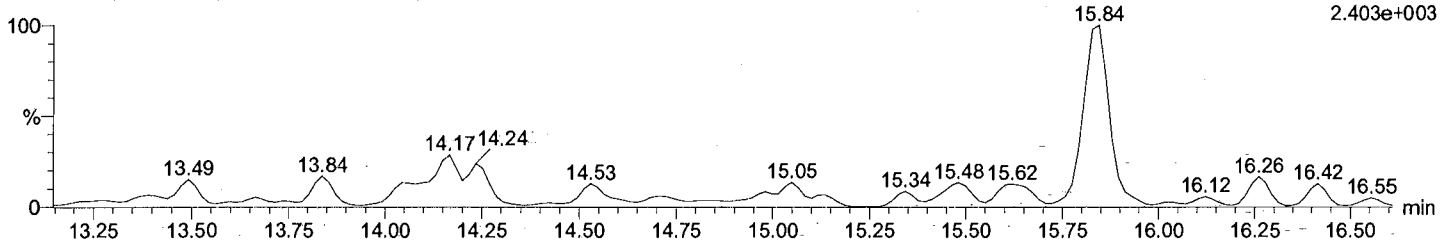
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x  
Vial: 13  
Date: 10-Jun-2017  
Time: 04:43:13  
Instrument:

**Total PeCB F3**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

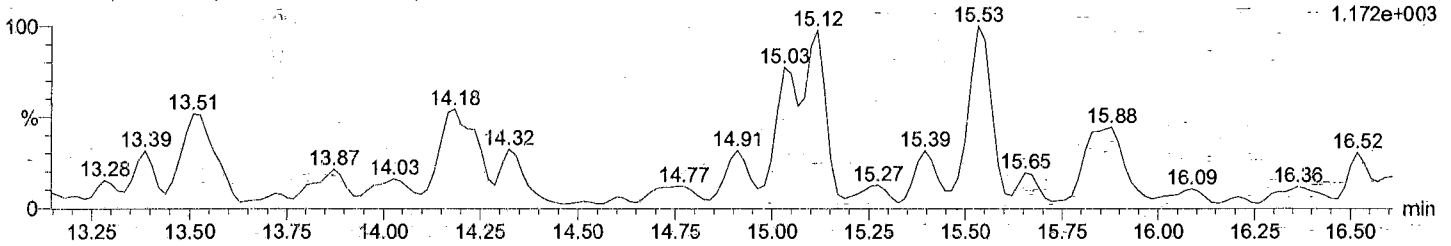
F3:Voltage SIR,EI+  
325.8805  
2.403e+003



**Total PeCB F3**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F3:Voltage SIR,EI+  
327.8775  
1.172e+003

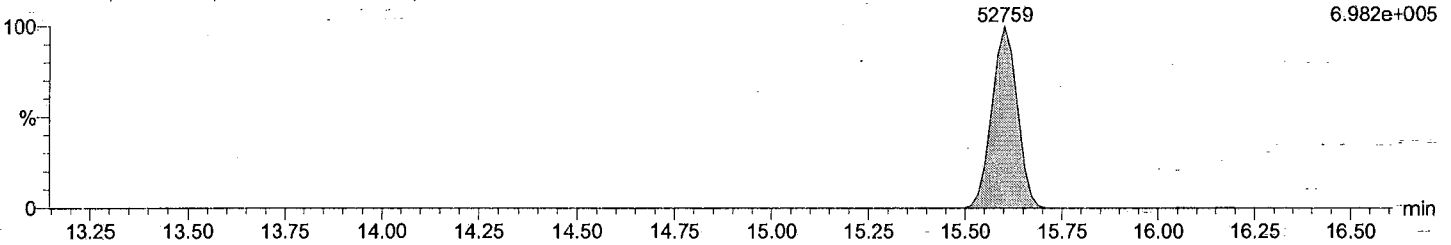


**Total PeCB labeled F3**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 104L  
15.60  
52759

F3:Voltage SIR,EI+  
337.9207  
6.982e+005

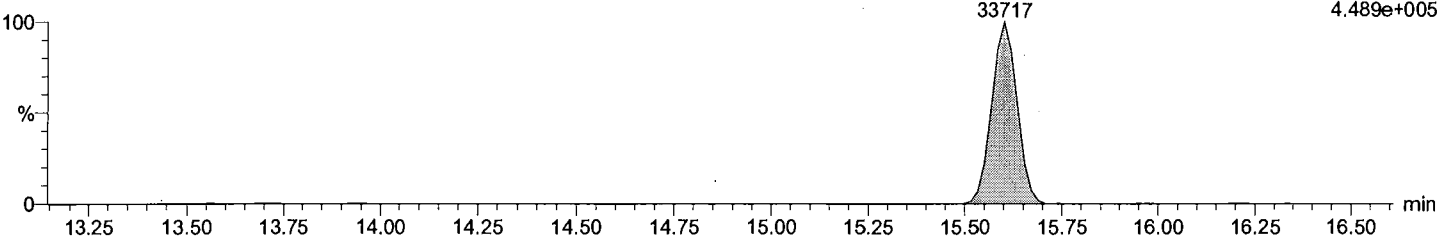


**Total PeCB labeled F3**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 104L  
15.60  
33717

F3:Voltage SIR,EI+  
339.9178  
4.489e+005



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

Vial: 13

Date: 10-Jun-2017

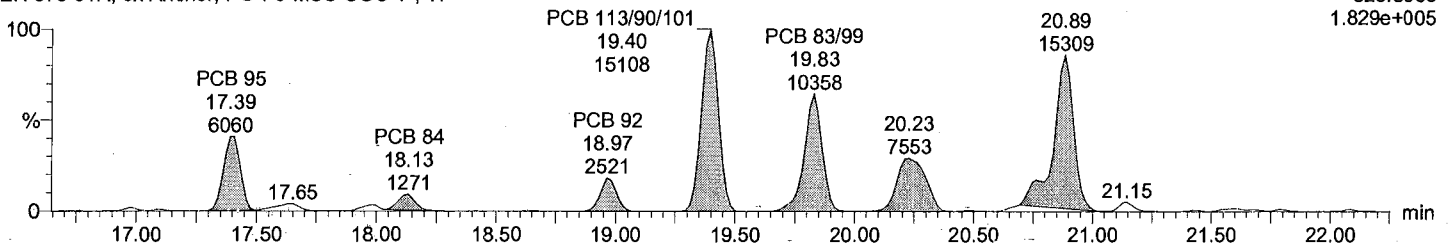
Time: 04:43:13

Instrument:

Total PeCB F4

M1170609B13 Smooth(SG,2x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

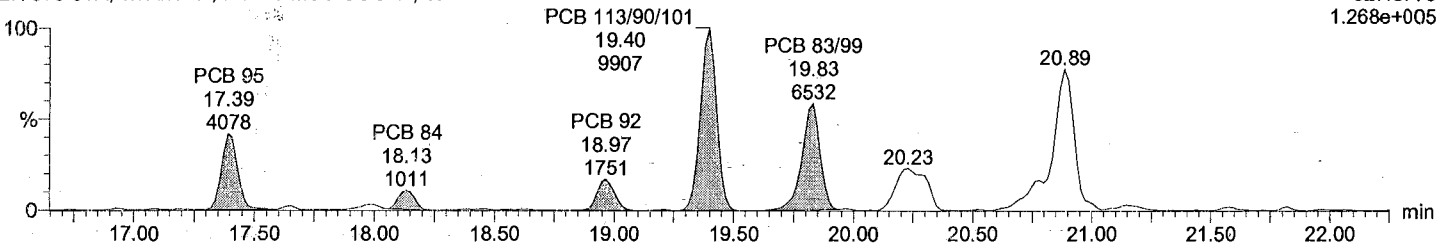
F4:Voltage SIR,EI+  
325.8805  
1.829e+005



Total PeCB F4

M1170609B13 Smooth(SG,2x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

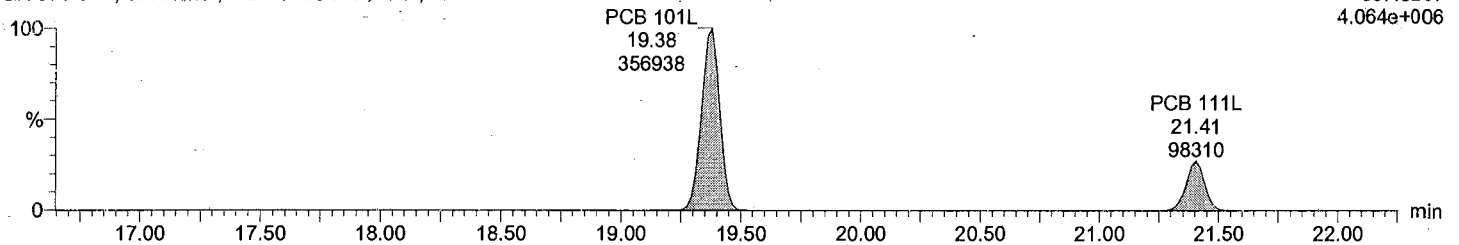
F4:Voltage SIR,EI+  
327.8775  
1.268e+005



Total PeCB labeled F4

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

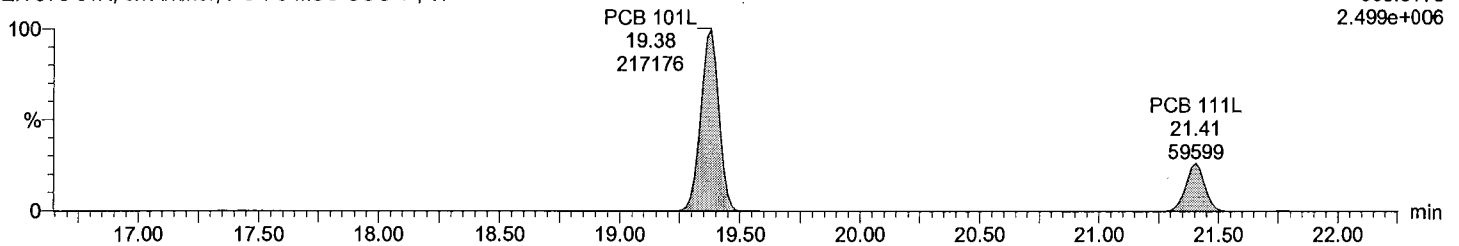
F4:Voltage SIR,EI+  
337.9207  
4.064e+006



Total PeCB labeled F4

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F4:Voltage SIR,EI+  
339.9178  
2.499e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

Vial: 13

Date: 10-Jun-2017

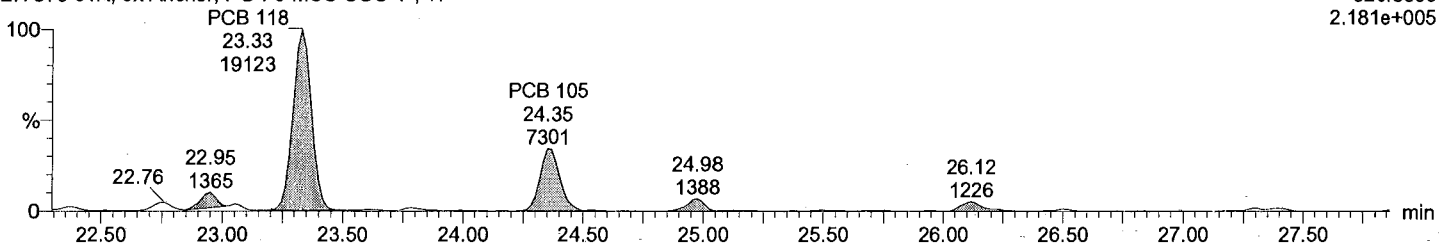
Time: 04:43:13

Instrument:

Total PeCB F5

M1170609B13 Smooth(SG,2x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

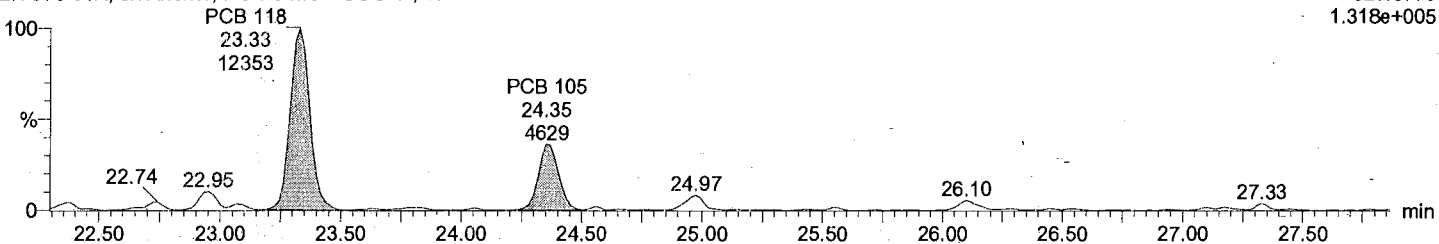
F5:Voltage SIR,EI+  
325.8805  
2.181e+005



Total PeCB F5

M1170609B13 Smooth(SG,2x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

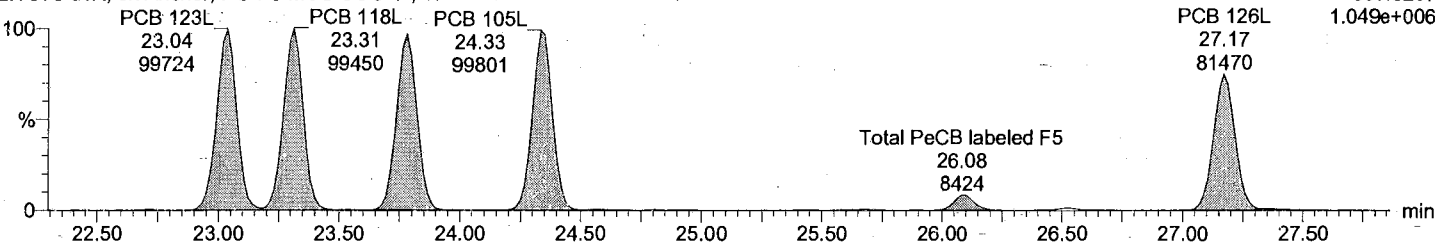
F5:Voltage SIR,EI+  
327.8775  
1.318e+005



Total PeCB labeled F5

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

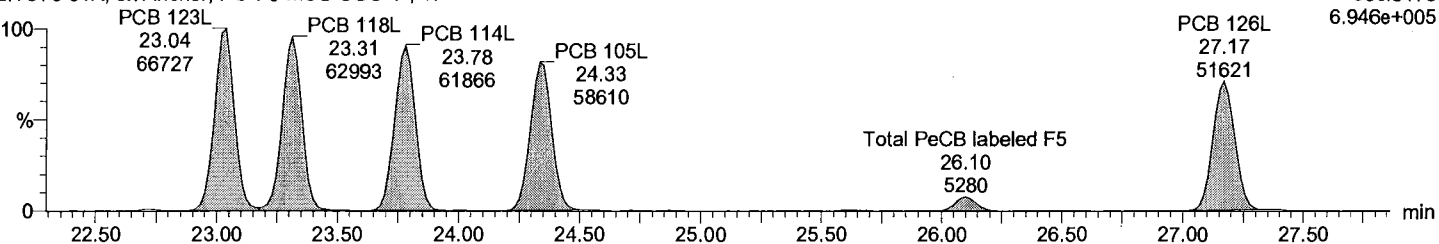
F5:Voltage SIR,EI+  
337.9207  
1.049e+006



Total PeCB labeled F5

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F5:Voltage SIR,EI+  
339.9178  
6.946e+005



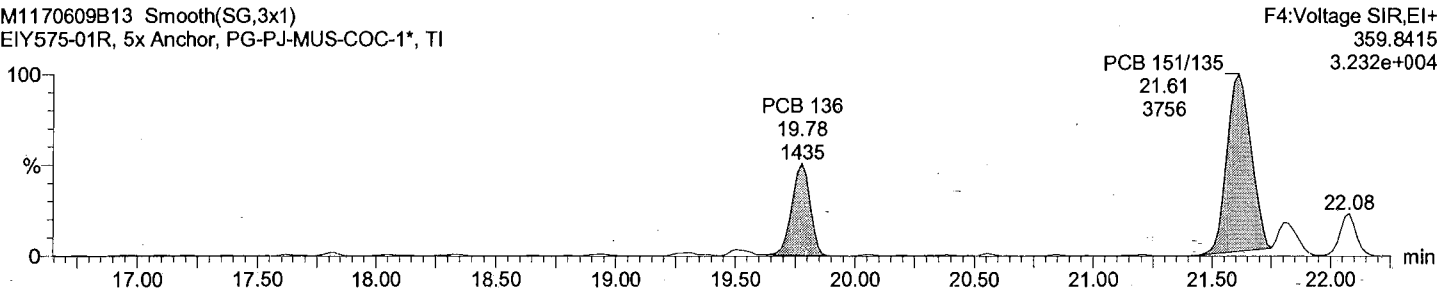
Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x  
Vial: 13  
Date: 10-Jun-2017  
Time: 04:43:13  
Instrument:

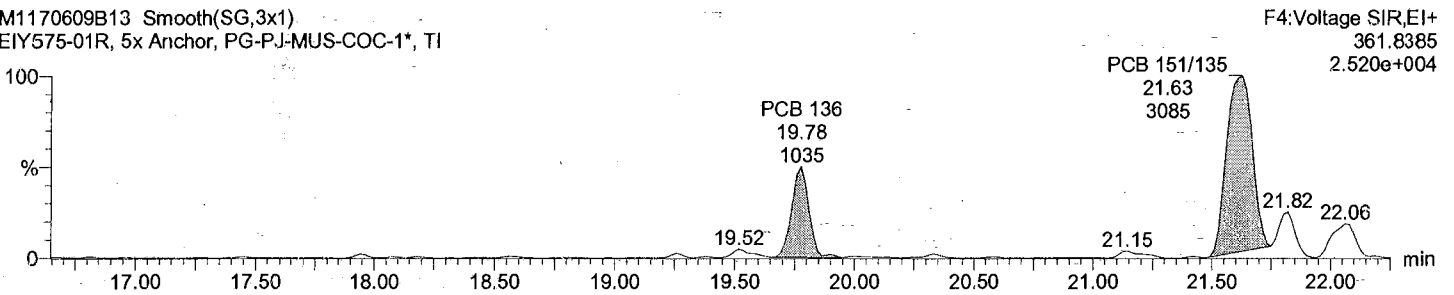
**Total HxCB F4**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI



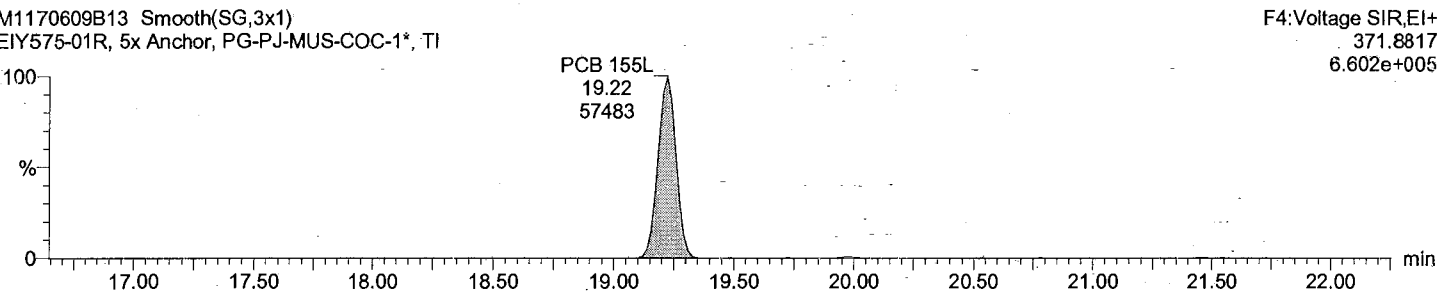
**Total HxCB F4**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI



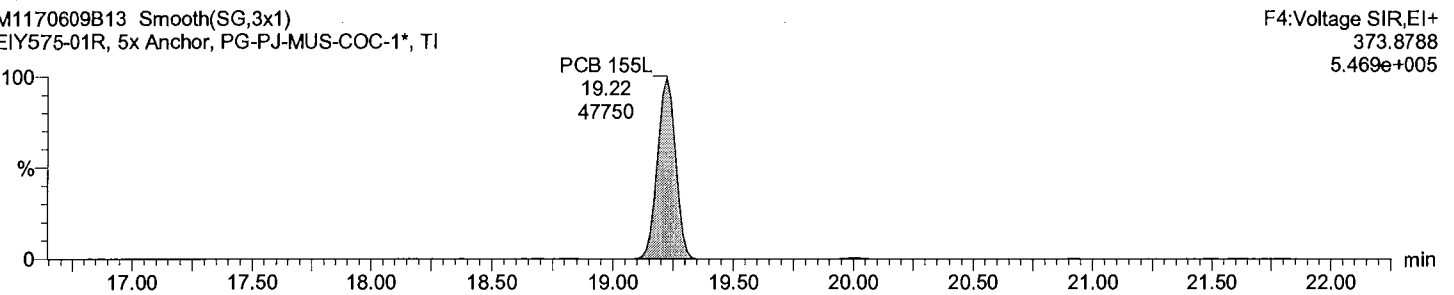
**Total HxCB labeled F4**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI



**Total HxCB labeled F4**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

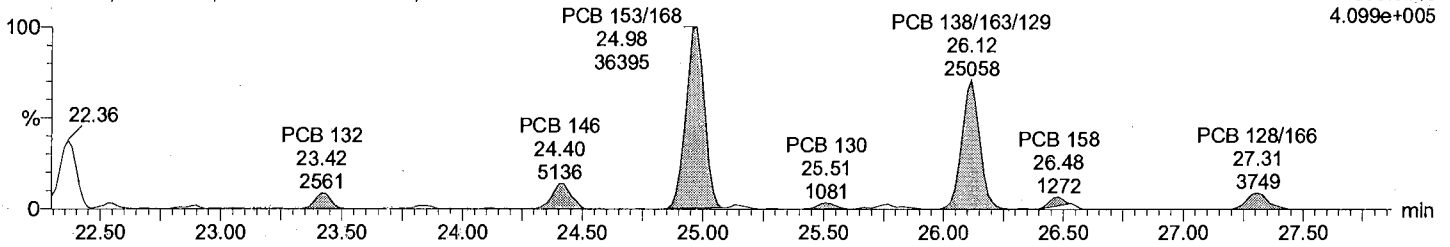
Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x  
Vial: 13  
Date: 10-Jun-2017  
Time: 04:43:13  
Instrument:

**Total HxCB F5**

M1170609B13 Smooth(SG,1x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

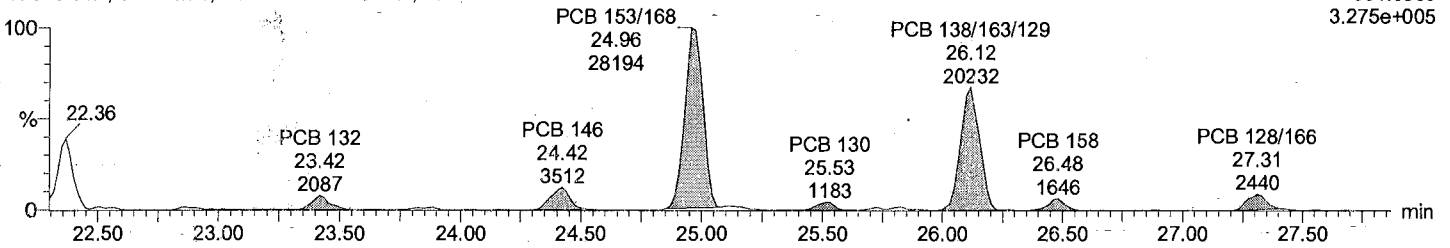
F5:Voltage SIR,EI+  
359.8415  
4.099e+005



**Total HxCB F5**

M1170609B13 Smooth(SG,1x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

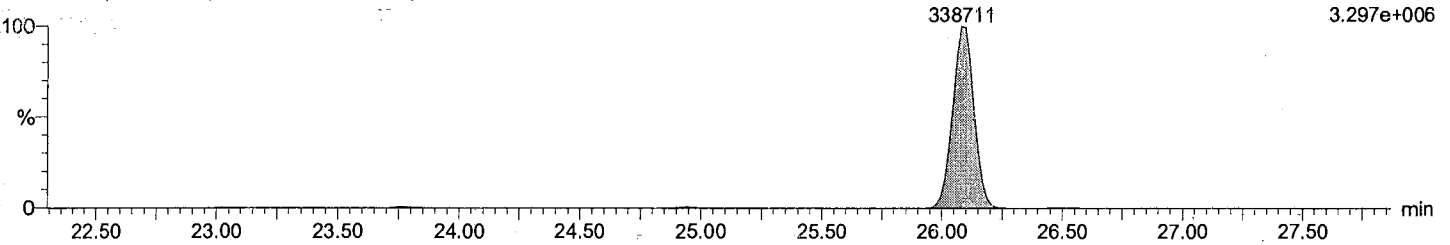
F5:Voltage SIR,EI+  
361.8385  
3.275e+005



**Total HxCB labeled F5**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

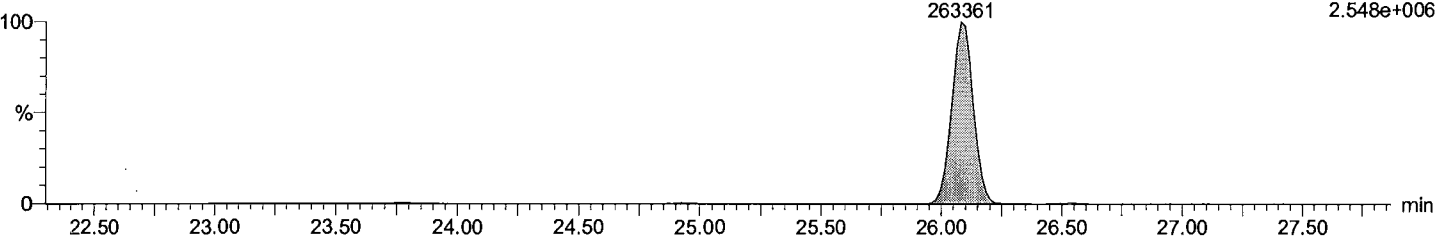
PCB 138L  
26.08  
338711  
F5:Voltage SIR,EI+  
371.8817  
3.297e+006



**Total HxCB labeled F5**

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 138L  
26.08  
263361  
F5:Voltage SIR,EI+  
373.8788  
2.548e+006



Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time  
Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

Vial: 13

Date: 10-Jun-2017

Time: 04:43:13

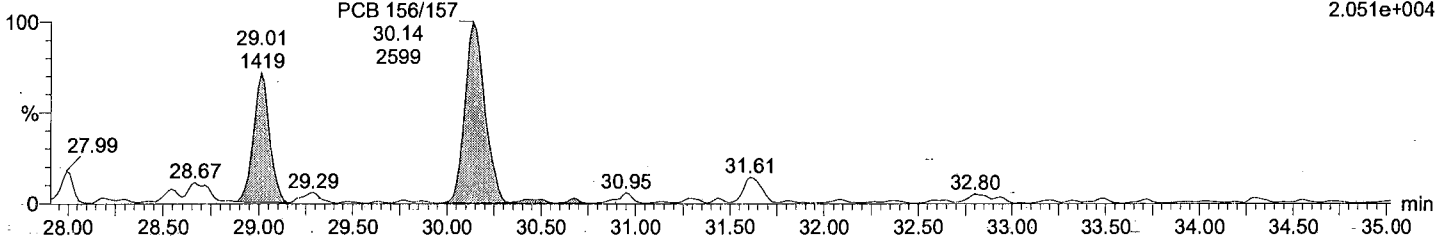
Instrument:

Total HxCB F6

M1170609B13 Smooth(SG,3x1)

EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F6:Voltage SIR,EI+  
359.8415  
2.051e+004

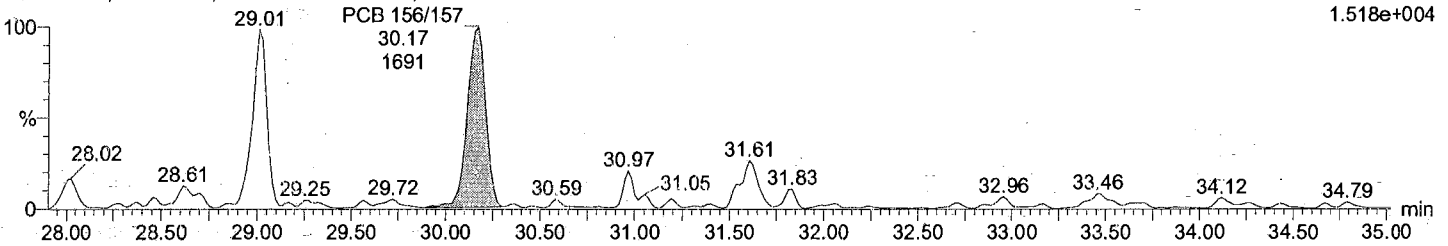


Total HxCB F6

M1170609B13 Smooth(SG,3x1)

EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F6:Voltage SIR,EI+  
361.8385  
1.518e+004

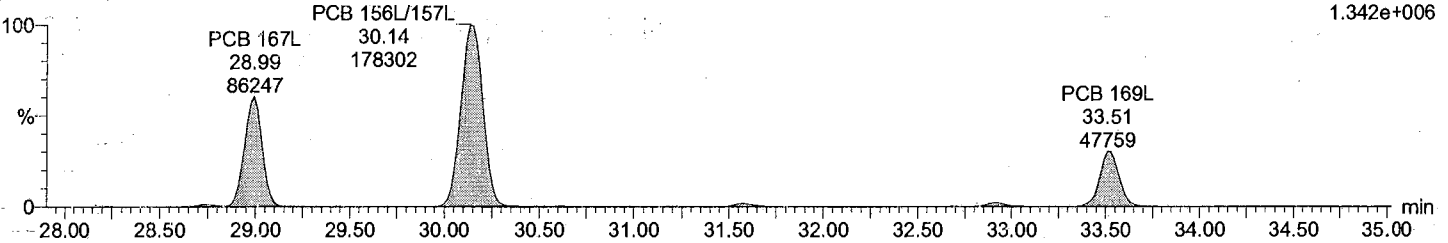


Total HxCB labeled F6

M1170609B13 Smooth(SG,3x1)

EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F6:Voltage SIR,EI+  
371.8817  
1.342e+006

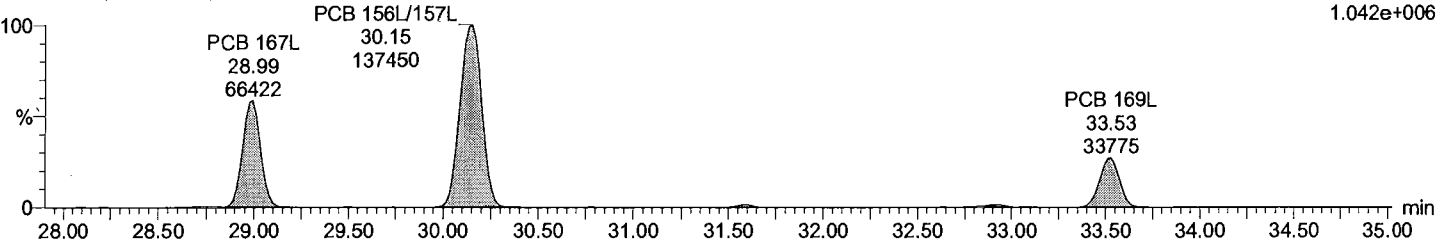


Total HxCB labeled F6

M1170609B13 Smooth(SG,3x1)

EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F6:Voltage SIR,EI+  
373.8788  
1.042e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

Vial: 13

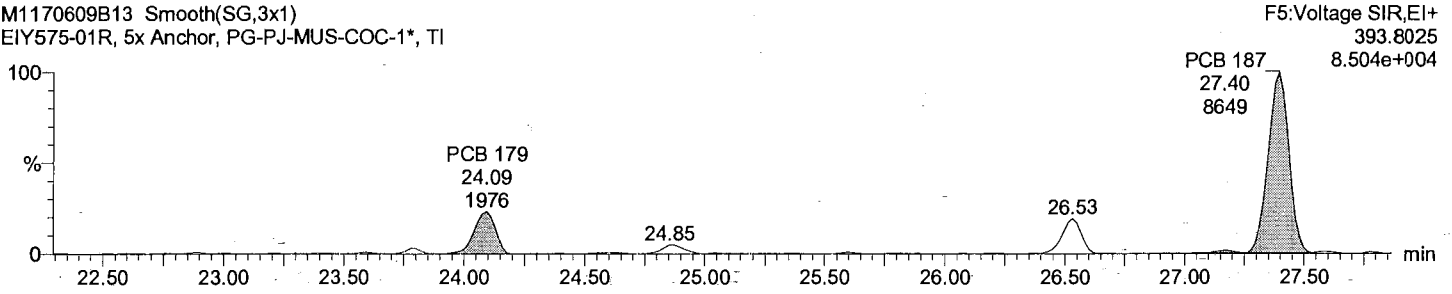
Date: 10-Jun-2017

Time: 04:43:13

Instrument:

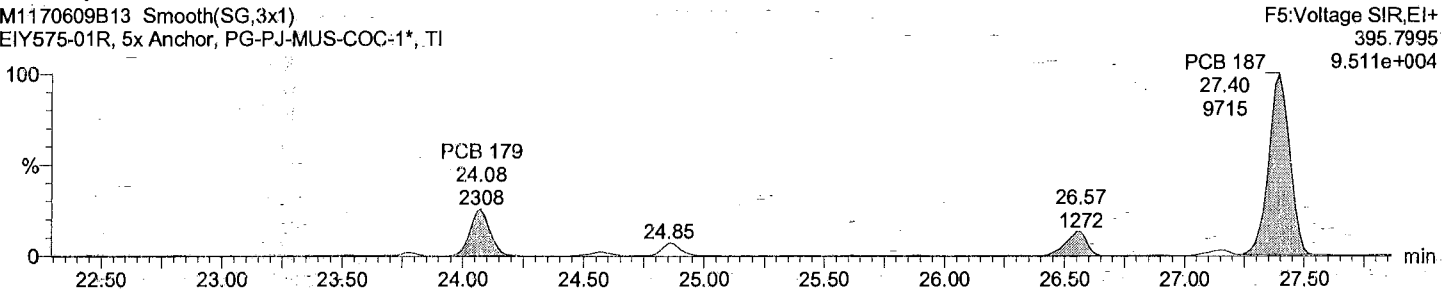
Total HpCB F5

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI



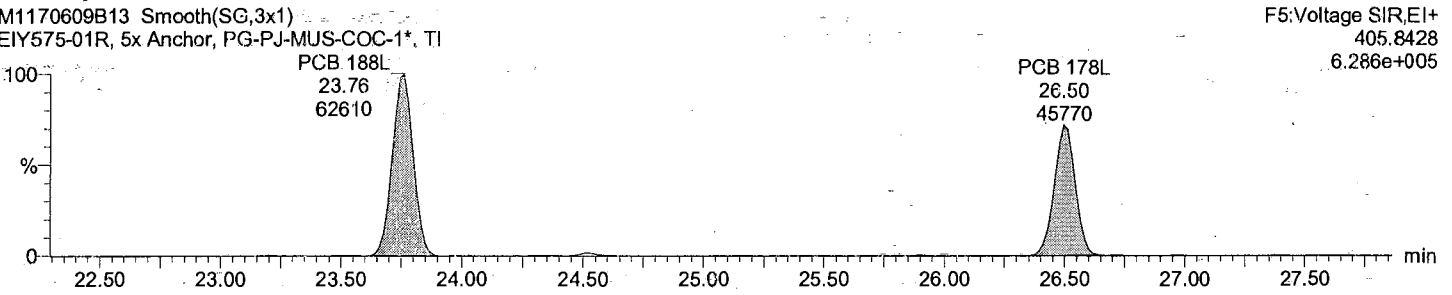
Total HpCB F5

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI



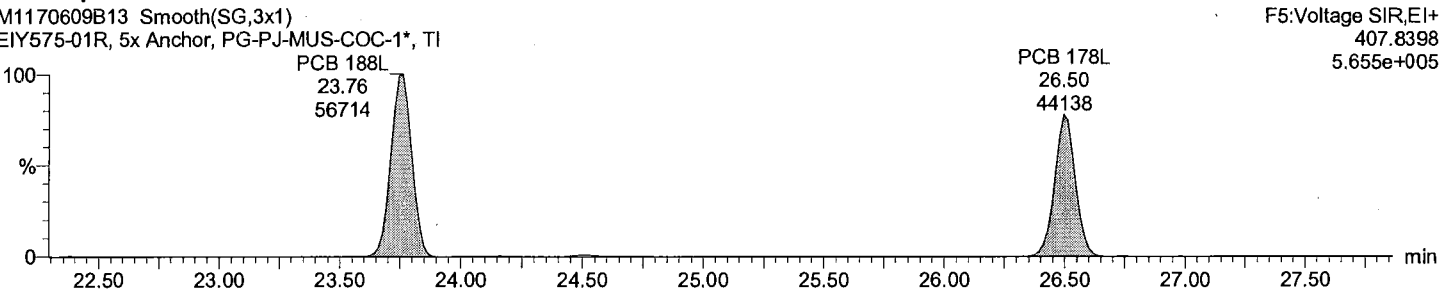
Total HpCB labeled F5

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI



Total HpCB labeled F5

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

Vial: 13

Date: 10-Jun-2017

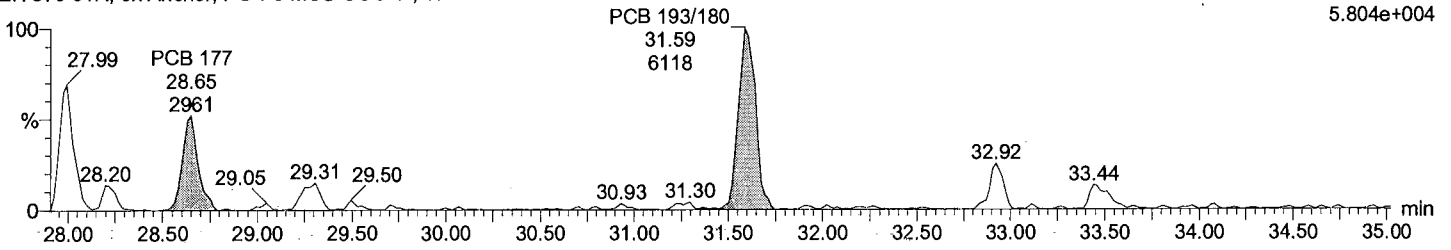
Time: 04:43:13

Instrument:

Total HpCB F6

M1170609B13 Smooth(SG,1x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

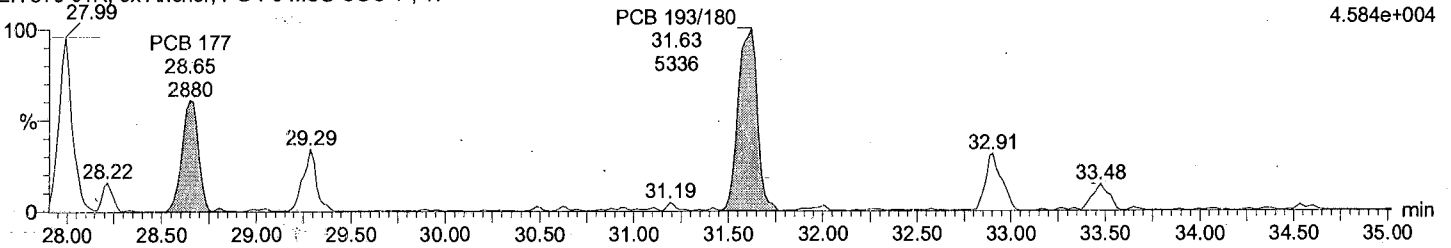
F6:Voltage SIR,EI+  
393.8025  
5.804e+004



Total HpCB F6

M1170609B13 Smooth(SG,1x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

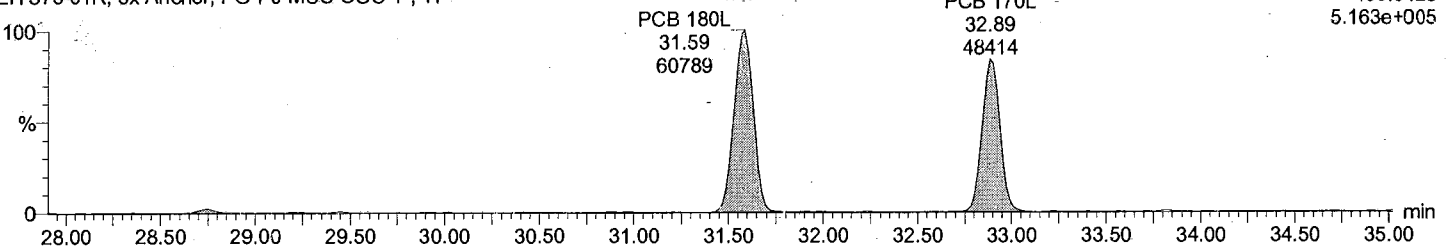
F6:Voltage SIR,EI+  
395.7995  
4.584e+004



Total HpCB labeled F6

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

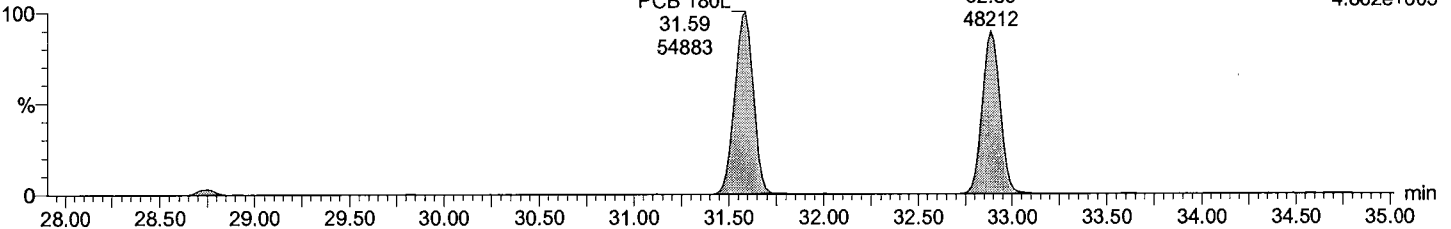
F6:Voltage SIR,EI+  
405.8428  
5.163e+005



Total HpCB labeled F6

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F6:Voltage SIR,EI+  
407.8398  
4.862e+005





Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

Vial: 13

Date: 10-Jun-2017

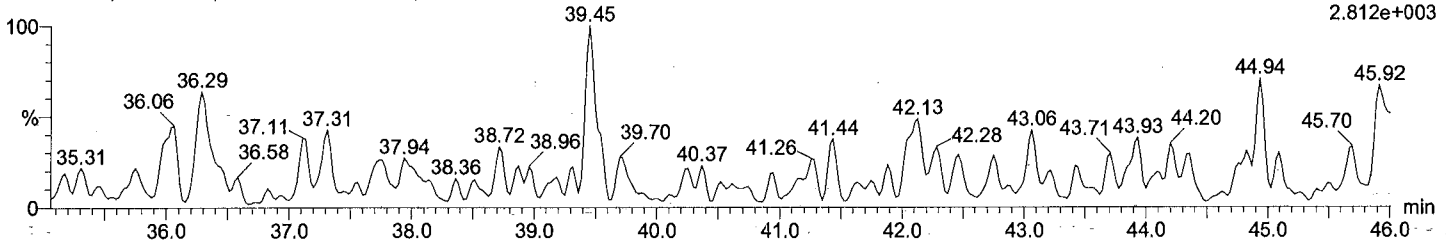
Time: 04:43:13

Instrument:

Total HpCB F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

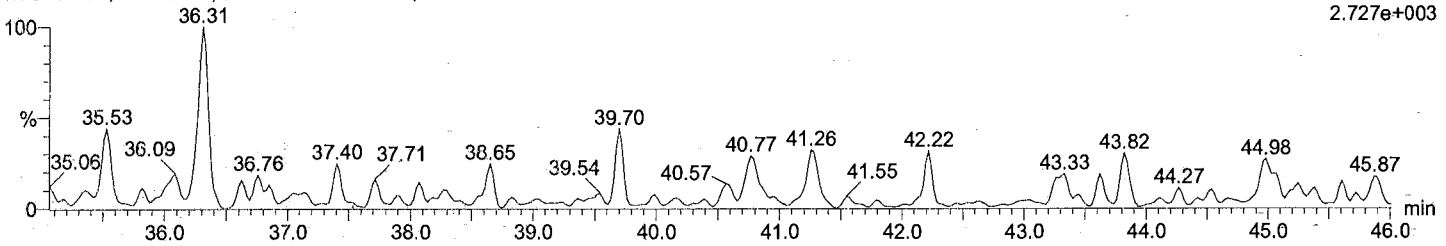
F7:Voltage SIR,EI+  
393.8025  
2.812e+003



Total HpCB F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

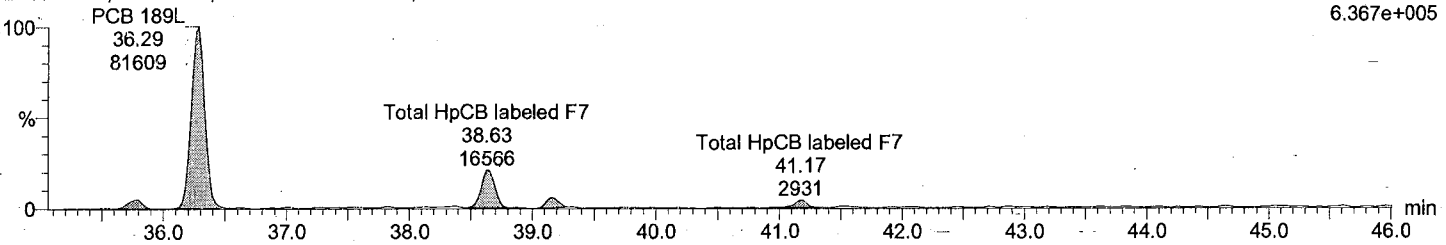
F7:Voltage SIR,EI+  
395.7996  
2.727e+003



Total HpCB labeled F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

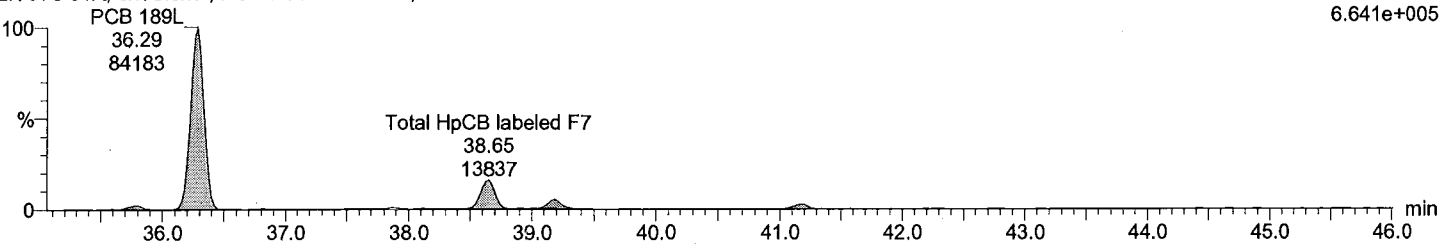
F7:Voltage SIR,EI+  
405.8428  
6.367e+005



Total HpCB labeled F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F7:Voltage SIR,EI+  
407.8398  
6.641e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

2

Vial: 13

Date: 10-Jun-2017

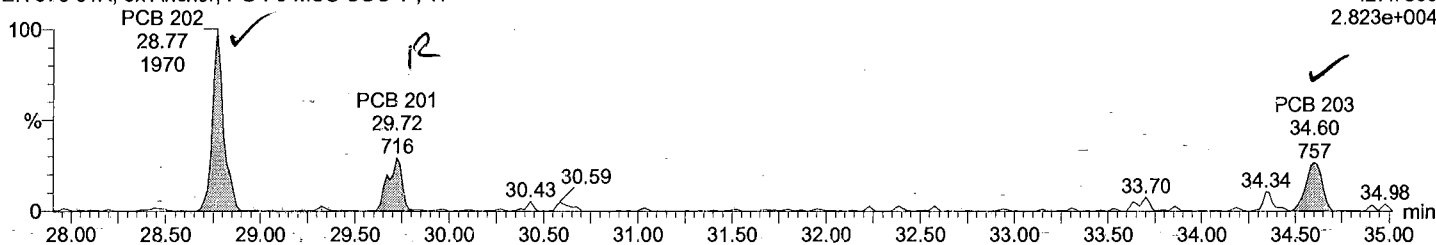
Time: 04:43:13

Instrument:

Total OcCB F6

M1170609B13 Smooth(SG,1x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

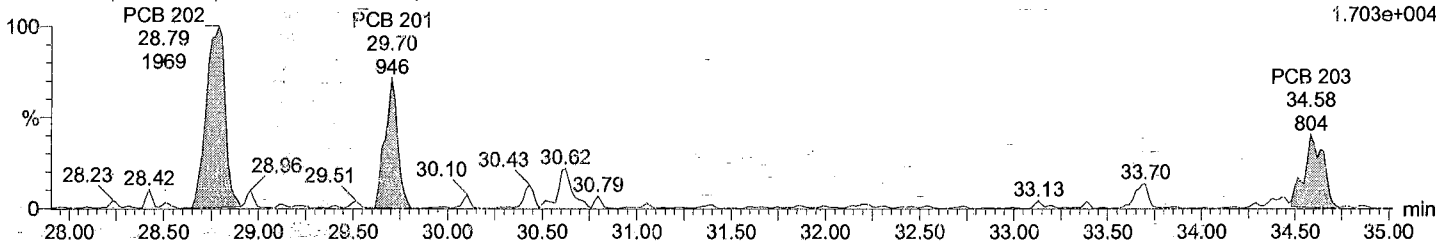
$h=7.735E2$   
F6:Voltage SIR,EI+  
427.7635  
2.823e+004



Total OcCB F6

M1170609B13 Smooth(SG,1x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

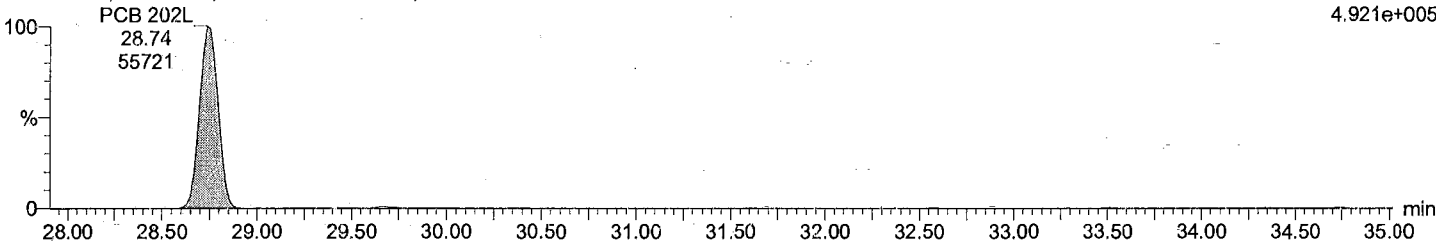
F6:Voltage SIR,EI+  
429.7606  
1.703e+004



Total OcCB labeled F6

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

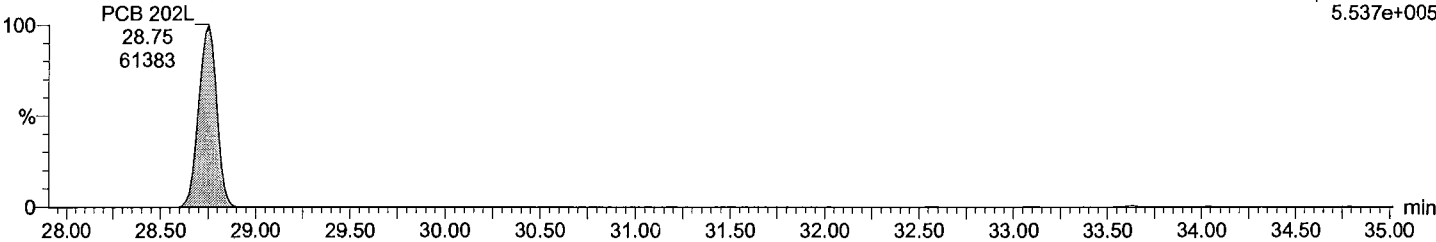
F6:Voltage SIR,EI+  
439.8038  
4.921e+005



Total OcCB labeled F6

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F6:Voltage SIR,EI+  
441.8008  
5.537e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

Vial: 13

Date: 10-Jun-2017

Time: 04:43:13

Instrument:

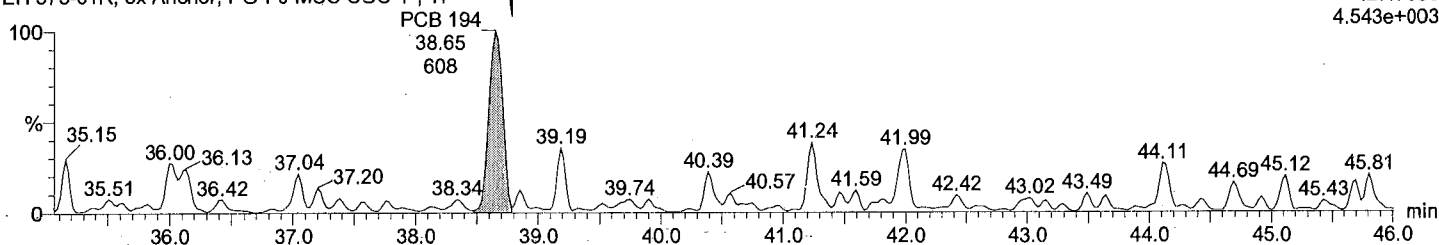
φ

$h = 4.648 E 2$

Total OcCB F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

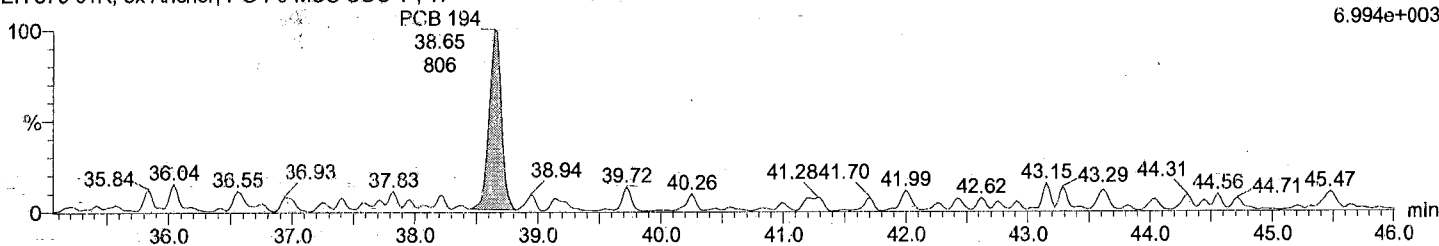
F7:Voltage SIR,EI+  
427.7635  
4.543e+003



Total OcCB F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

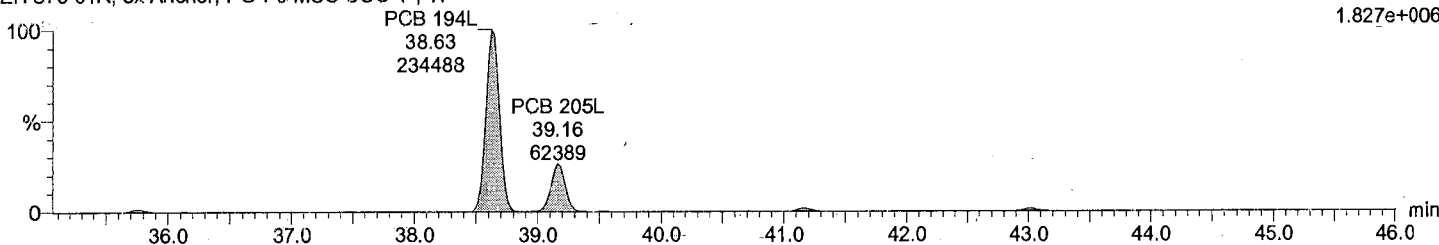
F7:Voltage SIR,EI+  
429.7606  
6.994e+003



Total OcCB labeled F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

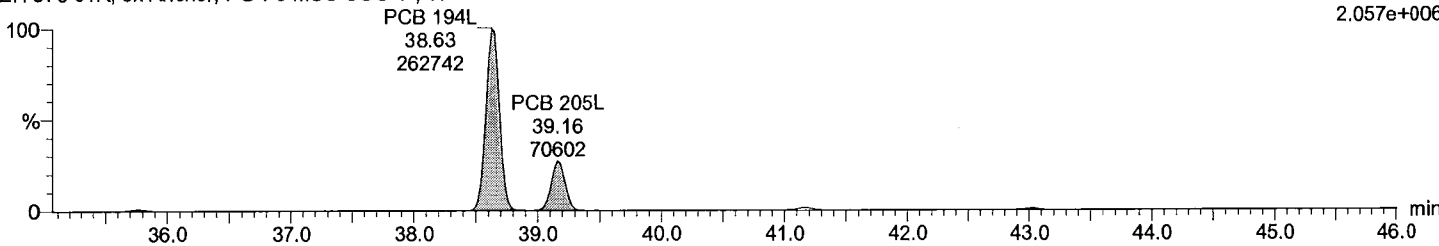
F7:Voltage SIR,EI+  
439.8038  
1.827e+006



Total OcCB labeled F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F7:Voltage SIR,EI+  
441.8008  
2.057e+006



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLDM1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

Vial: 13

Date: 10-Jun-2017

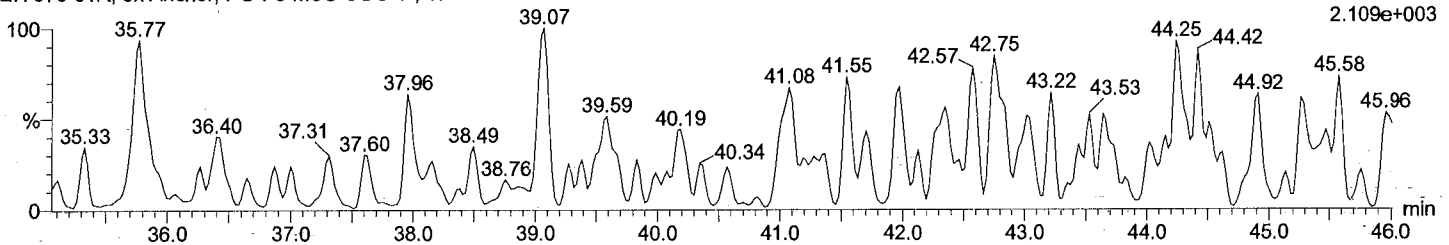
Time: 04:43:13

Instrument:

Total NoCB F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

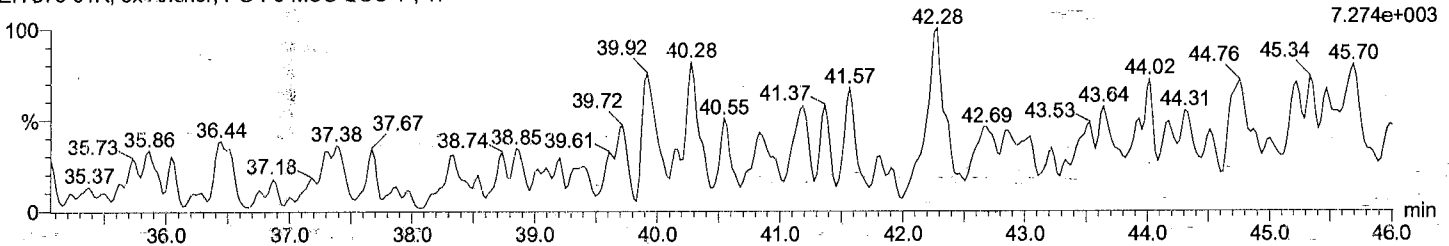
F7:Voltage SIR,EI+  
461.7246  
2.109e+003



Total NoCB F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

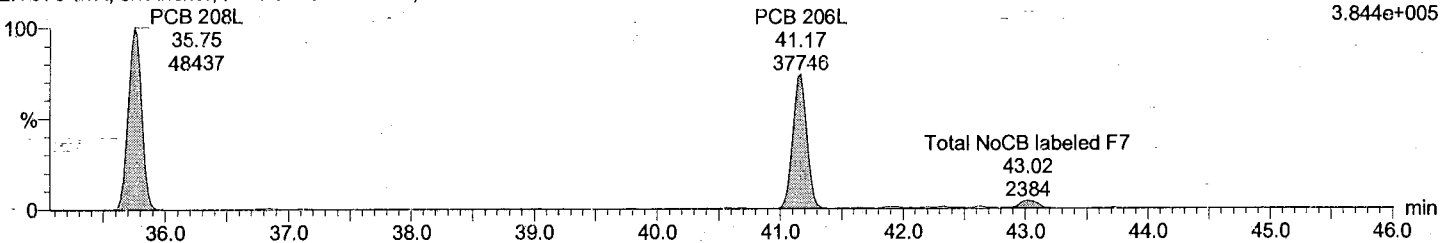
F7:Voltage SIR,EI+  
463.7216  
7.274e+003



Total NoCB labeled F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

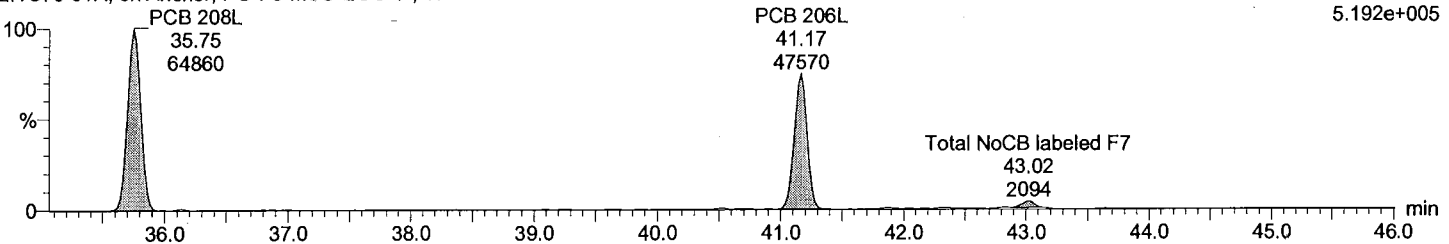
F7:Voltage SIR,EI+  
473.7648  
3.844e+005



Total NoCB labeled F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F7:Voltage SIR,EI+  
475.7619  
5.192e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

Vial: 13

Date: 10-Jun-2017

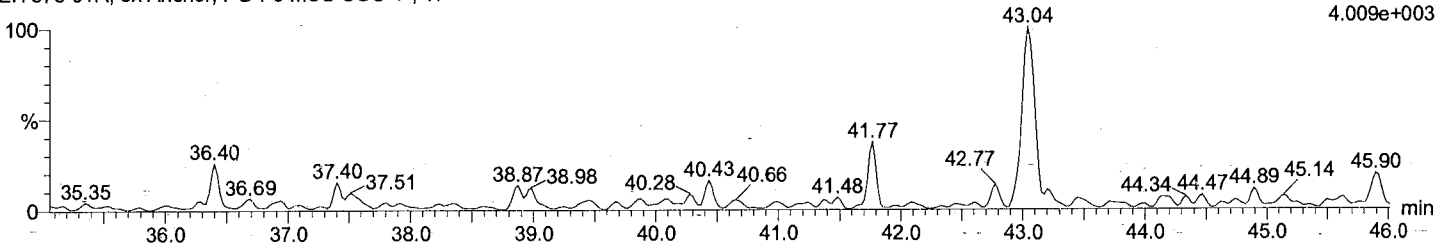
Time: 04:43:13

Instrument:

Total DeCB F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

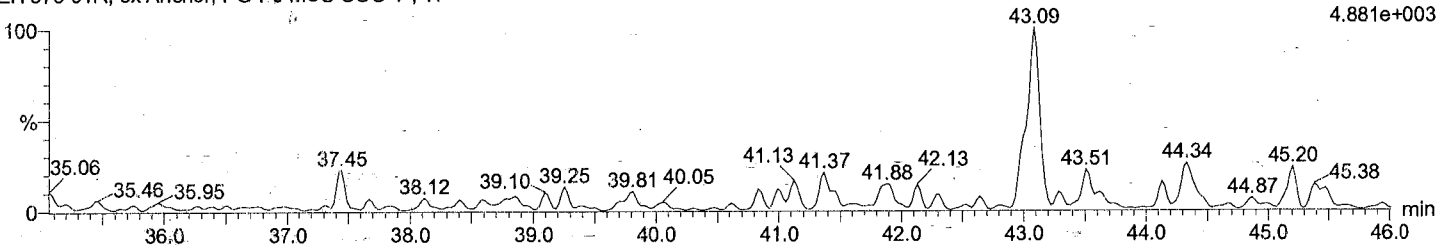
F7:Voltage SIR,EI+  
497.6826  
4.009e+003



Total DeCB F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

F7:Voltage SIR,EI+  
499.6797  
4.881e+003

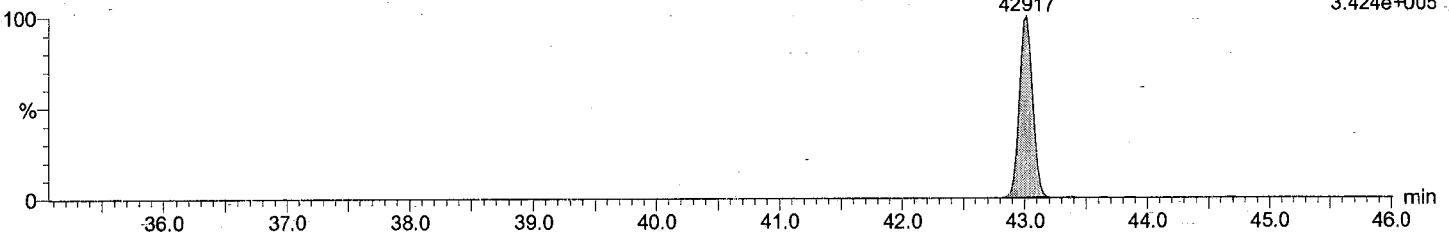


Total DeCB labeled F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 209L  
43.02  
42917

F7:Voltage SIR,EI+  
509.7229  
3.424e+005

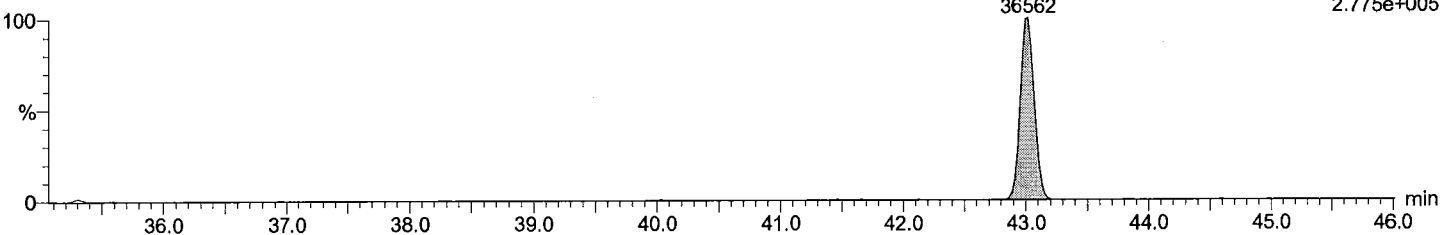


Total DeCB labeled F7

M1170609B13 Smooth(SG,3x1)  
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI

PCB 209L  
43.02  
36562

F7:Voltage SIR,EI+  
511.7199  
2.775e+005



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

Vial: 13

Date: 10-Jun-2017

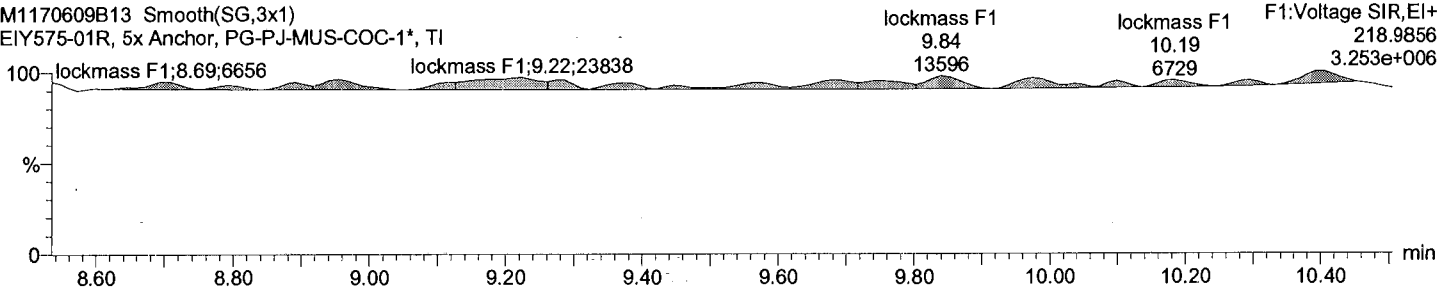
Time: 04:43:13

Instrument:

lockmass F1

M1170609B13 Smooth(SG,3x1)

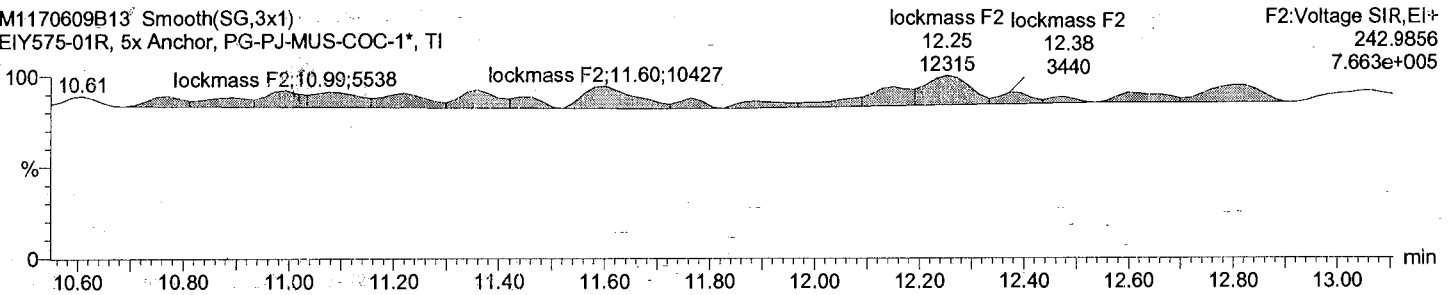
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI



lockmass F2

M1170609B13 Smooth(SG,3x1)

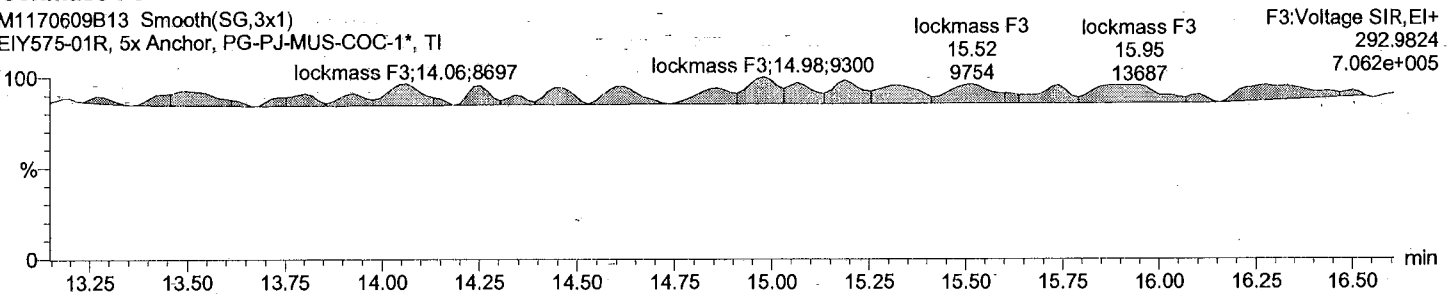
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI



lockmass F3

M1170609B13 Smooth(SG,3x1)

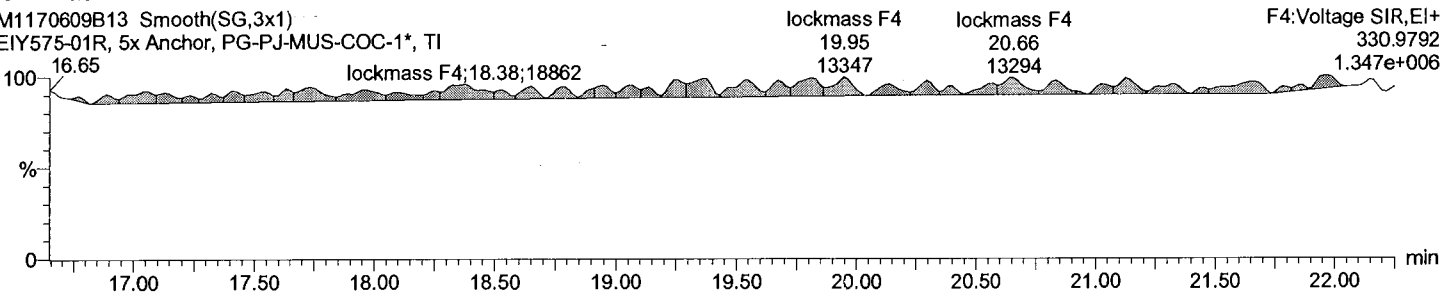
EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI



lockmass F4

M1170609B13 Smooth(SG,3x1)

EIY575-01R, 5x Anchor, PG-PJ-MUS-COC-1\*, TI



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Description: EIY575-01R, 5x

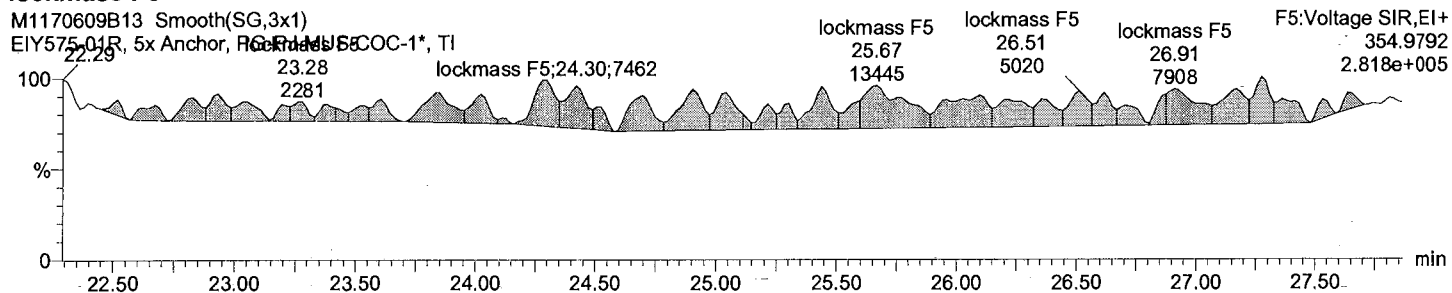
Vial: 13

Date: 10-Jun-2017

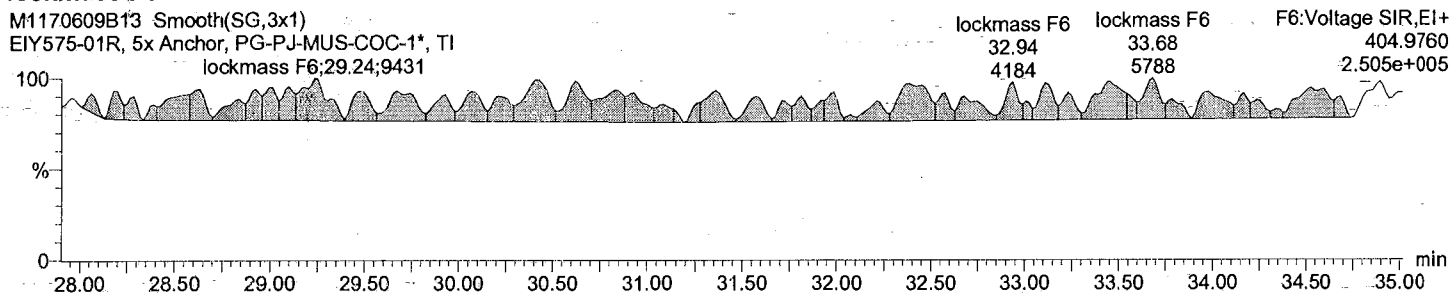
Time: 04:43:13

Instrument:

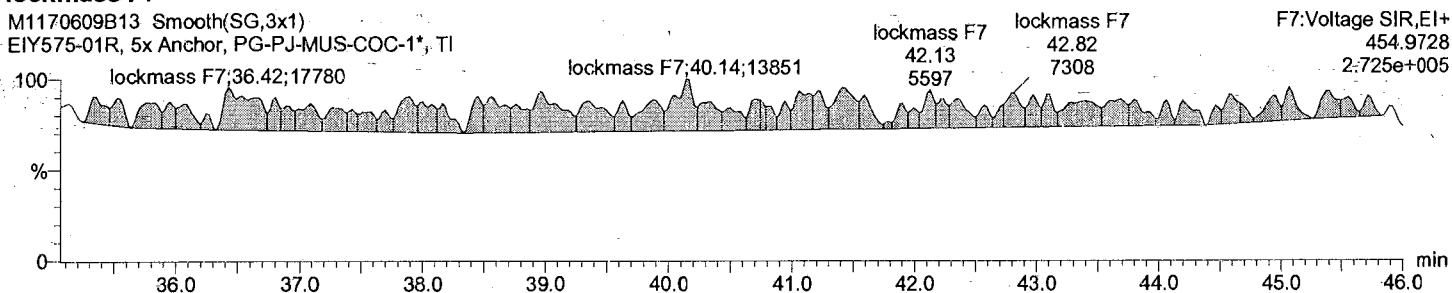
lockmass F5



lockmass F6



lockmass F7



Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Date	Time	Event	RT	Details	Comments
13-Jun-17	05:31:50	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M11706...	
12-Jun-17	15:57:50	Peak added	28.804	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	15:57:50	Peak added	28.804	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	15:59:06	Peak added	33.667	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	15:59:06	Peak added	34.584	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	15:59:06	Peak added	34.411	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	15:59:06	Peak added	33.667	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	15:59:06	Peak added	34.636	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	15:59:06	Peak added	34.394	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	15:59:38	Peak added	38.673	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	15:59:38	Peak added	38.651	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	16:00:00	Peak added	36.042	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	16:00:00	Peak added	36.042	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	16:00:11	Peak modified	36.042	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	16:00:21	Peak modified	36.042	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	16:00:21	Peak modified	36.042	Sample:M1170609B10, Compound:Total OcCB ...	M1MT
12-Jun-17	16:00:53	Peak added	28.804	Sample:M1170609B11, Compound:Total OcCB ...	M1MT
12-Jun-17	16:00:53	Peak added	28.787	Sample:M1170609B11, Compound:Total OcCB ...	M1MT
12-Jun-17	16:01:10	Pre modification peak	33.701	Sample:M1170609B11, Compound:Total OcCB ...	
12-Jun-17	16:01:10	Peak modified	33.702	Sample:M1170609B11, Compound:Total OcCB ...	M3MT
12-Jun-17	16:01:47	Peak added	34.394	Sample:M1170609B11, Compound:Total OcCB ...	M1MT
12-Jun-17	16:01:47	Peak added	34.601	Sample:M1170609B11, Compound:Total OcCB ...	M1MT
12-Jun-17	16:01:47	Peak added	34.411	Sample:M1170609B11, Compound:Total OcCB ...	M1MT
12-Jun-17	16:01:47	Peak added	34.636	Sample:M1170609B11, Compound:Total OcCB ...	M1MT
12-Jun-17	16:02:05	Pre modification peak	38.673	Sample:M1170609B11, Compound:Total OcCB ...	
12-Jun-17	16:02:05	Peak modified	38.673	Sample:M1170609B11, Compound:Total OcCB ...	
12-Jun-17	16:02:05	Peak added	38.651	Sample:M1170609B11, Compound:Total OcCB ...	
12-Jun-17	16:02:16	Peak added	36.042	Sample:M1170609B11, Compound:Total OcCB ...	M1MT
12-Jun-17	16:02:16	Peak added	36.042	Sample:M1170609B11, Compound:Total OcCB ...	M1MT
12-Jun-17	16:02:24	Peak modified	36.042	Sample:M1170609B11, Compound:Total OcCB ...	M1MT
12-Jun-17	16:02:49	Peak added	35.998	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:02:49	Peak added	39.208	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:02:49	Peak added	38.651	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:02:49	Peak added	36.042	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:02:49	Peak added	39.208	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:02:49	Peak added	38.717	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:03:02	Peak modified	39.208	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:03:23	Peak added	29.721	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:03:23	Peak added	29.721	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:03:43	Peak modified	29.721	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:03:43	Peak modified	29.721	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:04:06	Peak added	28.769	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:04:06	Peak added	28.787	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:04:44	Peak added	30.621	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:04:44	Peak added	30.639	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:04:44	Peak added	30.639	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:04:44	Peak added	30.673	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:05:01	Peak added	33.702	Sample:M1170609B12, Compound:Total OcCB ...	M1MT
12-Jun-17	16:05:28	Peak added	29.704	Sample:M1170609B13, Compound:Total OcCB ...	M1MT
12-Jun-17	16:05:28	Peak added	34.584	Sample:M1170609B13, Compound:Total OcCB ...	M1MT
12-Jun-17	16:05:28	Peak added	29.721	Sample:M1170609B13, Compound:Total OcCB ...	M1MT
12-Jun-17	16:05:28	Peak added	34.601	Sample:M1170609B13, Compound:Total OcCB ...	M1MT
12-Jun-17	16:05:55	Peak added	38.650	Sample:M1170609B13, Compound:Total OcCB ...	M1MT



Acquired Date

Dataset: C:\MassLynx\Default.pro\QLD\M1170609B\_dil\_1668A.qld

Last Altered: June 12, 2017 4:06:03 PM Eastern Daylight Time

Printed: June 13, 2017 5:47:14 AM Eastern Daylight Time

Date	Time	Event	RT	Details	Comments
12-Jun-17	16:05:55	Peak added	38.650	Sample:M1170609B13, Compound:Total OcCB ...	M1MT
12-Jun-17	16:06:01	Peak modified	38.650	Sample:M1170609B13, Compound:Total OcCB ...	M1MT
12-Jun-17	16:06:09	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD\M11706...	
10-Jun-17	07:59:10	Process Integrate			
10-Jun-17	07:59:11	Process Quantify			
10-Jun-17	07:59:11	Dataset Created			
10-Jun-17	07:59:37	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD_PCB\M...	
10-Jun-17	07:59:55	Peak added	31.608	Sample:M1170609B04, Compound:Total HpCB I...	
10-Jun-17	08:00:03	Peak added	26.100	Sample:M1170609B05, Compound:Total HxCB I...	
10-Jun-17	08:00:10	Peak added	26.515	Sample:M1170609B05, Compound:Total HpCB I...	
10-Jun-17	08:00:58	Peak added	41.170	Sample:M1170609B09, Compound:Total NoCB I...	
10-Jun-17	08:01:14	Peak added	32.905	Sample:M1170609B10, Compound:Total HpCB I...	
10-Jun-17	08:01:22	Peak added	28.994	Sample:M1170609B10, Compound:Total HxCB I...	
10-Jun-17	08:01:48	Peak added	30.154	Sample:M1170609B11, Compound:Total HxCB I...	
10-Jun-17	08:02:00	Peak added	32.905	Sample:M1170609B11, Compound:Total HpCB I...	
10-Jun-17	08:02:17	Pre modification peak	8.818	Sample:M1170609B11, Compound:Total MoCB I...	
10-Jun-17	08:02:17	Peak modified	8.818	Sample:M1170609B11, Compound:Total MoCB I...	
10-Jun-17	08:02:29	Peak added	31.590	Sample:M1170609B12, Compound:Total HpCB I...	
10-Jun-17	08:02:38	Peak added	32.888	Sample:M1170609B13, Compound:Total HpCB I...	
10-Jun-17	08:02:46	Peak added	30.154	Sample:M1170609B13, Compound:Total HxCB I...	
10-Jun-17	08:04:29	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD_PCB\M...	
10-Jun-17	08:04:35	Dataset Saved		Saved to 'C:\MassLynx\Default.pro\QLD_PCB\M...	

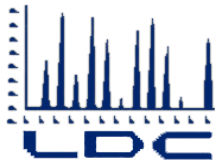


This is the last page of the report and is intentionally left blank

Maxxam Analytics International  
6740 Campobello Rd.  
Mississauga, Ontario, Canada  
L5N 2L8  
1-800-668-0639  
[www.maxxamanalytics.com](http://www.maxxamanalytics.com)

Appendix C  
Data Validation Reports

---



## LABORATORY DATA CONSULTANTS, INC.

2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

Anchor Environmental, LLC  
720 Olive Way, Suite 1900  
Seattle, WA 98101  
ATTN: Ms. Cindy Fields

June 14, 2017

SUBJECT: Port Gamble, Shellfish Monitoring, Data Validation

Dear Ms. Fields,

Enclosed are the final validation reports for the fractions listed below. This SDG was received on May 24, 2017. Attachment 1 is a summary of the samples that were reviewed for each analysis.

### LDC Project #38777:

<u>SDG #</u>	<u>Fraction</u>
17D0421	Polynuclear Aromatic Hydrocarbons, Cadmium, Wet Chemistry, Polychlorinated Dioxins/Dibenzofurans

The data validation was performed under Stage 2B guidelines. The analyses were validated using the following documents, as applicable to each method:

- Shellfish Monitoring Plan for Port Gamble Bay Cleanup Project, May 2015
- USEPA, Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, June 2008
- USEPA, Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review, January 2010
- USEPA, Contract Laboratory Program National Functional Guidelines for Chlorinated Dibenzo-p-Dioxins and Chlorinated Dibenzofurans, Data Review, September 2011
- EPA SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update 1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IIIA, April 1998; IIIB, November 2004; update IV, February 2007, update V, July 2014

Please feel free to contact us if you have any questions.

Sincerely,

Christina Rink  
Project Manager/Chemist



## Laboratory Data Consultants, Inc. Data Validation Report

**Project/Site Name:** Port Gamble, Shellfish Monitoring

**LDC Report Date:** June 13, 2017

**Parameters:** Polynuclear Aromatic Hydrocarbons

**Validation Level:** Stage 2B

**Laboratory:** Analytical Resources, Inc.

**Sample Delivery Group (SDG):** 17D0421

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
PG-GP-OYS-COC-170424	17D0421-01	Tissue	04/24/17
PG-GP-COC-COC-170424	17D0421-02	Tissue	04/24/17
PG-GP-LTN-COC-170424	17D0421-03	Tissue	04/24/17
PG-WS-OYS-COC-170424	17D0421-04	Tissue	04/24/17
PG-WS-COC-COC-170425	17D0421-05	Tissue	04/25/17
PG-WS-LTN-COC-170424	17D0421-06	Tissue	04/24/17
PG-WS-MAN-COC-170424	17D0421-07	Tissue	04/24/17
PG-SMA3-GEO-COC-170426	17D0421-08	Tissue	04/26/17
PG-SMA3-DUNM-COC-170426	17D0421-09	Tissue	04/26/17
PG-SMA3-DUNH-COC-170426	17D0421-10	Tissue	04/26/17

## Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Shellfish Monitoring Plan for Port Gamble Bay Cleanup Project (May 2015) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines (CLPNFG) for Superfund Organic Methods Data Review (June 2008). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Polynuclear Aromatic Hydrocarbons (PAHs) by Environmental Protection Agency (EPA) SW 846 Method 8270D in Selected Ion Monitoring (SIM) mode

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

## **I. Sample Receipt and Technical Holding Times**

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

## **II. GC/MS Instrument Performance Check**

A decafluorotriphenylphosphine (DFTPP) tune was performed at 12 hour intervals.

All ion abundance requirements were met.

## **III. Initial Calibration and Initial Calibration Verification**

An initial calibration was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

Average relative response factors (RRF) for all compounds were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all compounds.

## **IV. Continuing Calibration**

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 20.0% for all compounds.

All of the continuing calibration relative response factors (RRF) were within validation criteria.

## **V. Laboratory Blanks**

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

## **VI. Field Blanks**

No field blanks were identified in this SDG.

## **VII. Surrogates**

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.



### **VIII. Matrix Spike/Matrix Spike Duplicates**

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

### **IX. Laboratory Control Samples**

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

### **X. Field Duplicates**

No field duplicates were identified in this SDG.

### **XI. Internal Standards**

All internal standard areas and retention times were within QC limits.

### **XII. Compound Quantitation**

Raw data were not reviewed for Stage 2B validation.

### **XIII. Target Compound Identifications**

Raw data were not reviewed for Stage 2B validation.

### **XIV. System Performance**

Raw data were not reviewed for Stage 2B validation.

### **XV. Overall Assessment of Data**

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable. Based upon the data validation all results are considered valid and usable for all purposes.

**Port Gamble, Shellfish Monitoring  
Polynuclear Aromatic Hydrocarbons - Data Qualification Summary - SDG 17D0421**

No Sample Data Qualified in this SDG

**Port Gamble, Shellfish Monitoring  
Polynuclear Aromatic Hydrocarbons - Laboratory Blank Data Qualification  
Summary - SDG 17D0421**

No Sample Data Qualified in this SDG

**METHOD:** GC/MS Polynuclear Aromatic Hydrocarbons (EPA SW 846 Method 8270D-SIM)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	RSD ≤ 20% 1CV ≤ 3%
IV.	Continuing calibration	A	CCV ≤ 2%
V.	Laboratory Blanks	A	
VI.	Field blanks	N	
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	N	CS
IX.	Laboratory control samples	A	LES
X.	Field duplicates	N	
XI.	Internal standards	A	
XII.	Compound quantitation RL/LOQ/LODs	N	
XIII.	Target compound identification	N	
XIV.	System performance	N	
XV.	Overall assessment of data	A	

Note: A = Acceptable ND = No compounds detected D = Duplicate SB=Source blank  
 N = Not provided/applicable R = Rinsate TB = Trip blank OTHER:  
 SW = See worksheet FB = Field blank EB = Equipment blank

	Client ID	Lab ID	Matrix	Date
1	PG-GP-OYS-COC-070424	17D0421-01	Tissue	04/24/17
2	PG-GP-COC-COC-170424	17D0421-02	Tissue	04/24/17
3	PG-GP-LTN-COC-170424	17D0421-03	Tissue	04/24/17
4	PG-WS-OYS-COC-170424	17D0421-04	Tissue	04/24/17
5	PG-WS-COC-COC-170425	17D0421-05	Tissue	04/25/17
6	PG-WS-LTN-COC-170424	17D0421-06	Tissue	04/24/17
7	PG-WS-MAN-COC-170424	17D0421-07	Tissue	04/24/17
8	PG-SMA3-GEO-COC-170426	17D0421-08	Tissue	04/26/17
9	PG-SMA3-DUNM-COC-170426	17D0421-09	Tissue	04/26/17
10	PG-SMA3-DUNH-COC-170426	17D0421-10	Tissue	04/26/17
11				
12	BFE0160-BAK			
13				

## Laboratory Data Consultants, Inc. Data Validation Report

**Project/Site Name:** Port Gamble, Shellfish Monitoring

**LDC Report Date:** June 12, 2017

**Parameters:** Cadmium

**Validation Level:** Stage 2B

**Laboratory:** Analytical Resources, Inc.

**Sample Delivery Group (SDG):** 17D0421

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
PG-GP-OYS-COC-170424	17D0421-01	Tissue	04/24/17
PG-GP-COC-COC-170424	17D0421-02	Tissue	04/24/17
PG-GP-LTN-COC-170424	17D0421-03	Tissue	04/24/17
PG-WS-OYS-COC-170424	17D0421-04	Tissue	04/24/17
PG-WS-COC-COC-170425	17D0421-05	Tissue	04/25/17
PG-WS-LTN-COC-170424	17D0421-06	Tissue	04/24/17
PG-WS-MAN-COC-170424	17D0421-07	Tissue	04/24/17
PG-SMA3-GEO-COC-170426	17D0421-08	Tissue	04/26/17
PG-SMA3-DUNM-COC-170426	17D0421-09	Tissue	04/26/17
PG-SMA3-DUNH-COC-170426	17D0421-10	Tissue	04/26/17
PG-SMA3-GEO-COC-170426MS	17D0421-08MS	Tissue	04/26/17
PG-SMA3-GEO-COC-170426DUP	17D0421-08DUP	Tissue	04/26/17

## Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Shellfish Monitoring Plan for Port Gamble Bay Cleanup Project (May 2015) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines (CLPNFG) for Inorganic Superfund Data Review (January 2010). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Cadmium by Environmental Protection Agency (EPA) SW 846 Method 6010C

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

## I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

## II. Instrument Calibration

Initial and continuing calibrations were performed as required by the method.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits.

## III. ICP Interference Check Sample Analysis

The frequency of interference check sample (ICS) analysis was met. All criteria were within QC limits.

## IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
PB (prep blank)	Cadmium	0.0030 mg/Kg	All samples in SDG 17D0421
ICB/CCB	Cadmium	0.0004 mg/L	All samples in SDG 17D0421

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks.

## V. Field Blanks

No field blanks were identified in this SDG.

## VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits.

## VII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

### **VIII. Serial Dilution**

Serial dilution was not performed for this SDG.

### **IX. Laboratory Control Samples**

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

### **X. Field Duplicates**

No field duplicates were identified in this SDG.

### **XI. Sample Result Verification**

Raw data were not reviewed for Stage 2B validation.

### **XII. Overall Assessment of Data**

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable. Based upon the data validation all results are considered valid and usable for all purposes.

**Port Gamble, Shellfish Monitoring  
Cadmium - Data Qualification Summary - SDG 17D0421**

No Sample Data Qualified in this SDG

**Port Gamble, Shellfish Monitoring  
Cadmium - Laboratory Blank Data Qualification Summary - SDG 17D0421**

No Sample Data Qualified in this SDG



LDC #: 38777A4b

**VALIDATION COMPLETENESS WORKSHEET**

SDG #: 17D0421

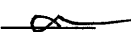
Stage 2B

Laboratory: Analytical Resources, Inc.

Date: 06/05/17

Page: 1 of 1

Reviewer: ATL

2nd Reviewer: **METHOD:** Cadmium (EPA SW 846 Method 6010C)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	Instrument Calibration	A	
III.	ICP Interference Check Sample (ICS) Analysis	A	
IV.	Laboratory Blanks	SW	
V.	Field Blanks	N	
VI.	Matrix Spike/Matrix Spike Duplicates	A	
VII.	Duplicate sample analysis	A	
VIII.	Serial Dilution	N	
IX.	Laboratory control samples	A	LCS
X.	Field Duplicates	N	
XI.	Sample Result Verification	N	
XII.	Overall Assessment of Data	A	

Note: A = Acceptable  
N = Not provided/applicable  
SW = See worksheet

ND = No compounds detected  
R = Rinse  
FB = Field blank

D = Duplicate  
TB = Trip blank  
EB = Equipment blank

SB=Source blank  
OTHER:

	Client ID	Lab ID	Matrix	Date
1	PG-GP-OYS-COC-170424	17D0421-01	Tissue	04/24/17
2	PG-GP-COC-COC-170424	17D0421-02	Tissue	04/24/17
3	PG-GP-LTN-COC-170424	17D0421-03	Tissue	04/24/17
4	PG-WS-OYS-COC-170424	17D0421-04	Tissue	04/24/17
5	PG-WS-COC-COC-170425	17D0421-05	Tissue	04/25/17
6	PG-WS-LTN-COC-170424	17D0421-06	Tissue	04/24/17
7	PG-WS-MAN-COC-170424	17D0421-07	Tissue	04/24/17
8	PG-SMA3-GEO-COC-170426	17D0421-08	Tissue	04/26/17
9	PG-SMA3-DUNM-COC-170426	17D0421-09	Tissue	04/26/17
10	PG-SMA3-DUNH-COC-170426	17D0421-10	Tissue	04/26/17
11	PG-SMA3-GEO-COC-170426MS	17D0421-08MS	Tissue	04/26/17
12	PG-SMA3-GEO-COC-170426DUP	17D0421-08DUP	Tissue	04/26/17
13				
14				

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**VALIDATION FINDINGS WORKSHEET**  
**PB/ICB/CCB QUALIFIED SAMPLES**

METHOD: Trace metals (EPA SW 864 Method 6010B/6020/7000)

Soil preparation factor applied: 20x

Sample Concentration units, unless otherwise noted: mg/kg

Associated Samples: All

Analyte	Maximum PB <sup>a</sup> (mg/Kg)	Maximum PB <sup>a</sup> (ug/L)	Maximum ICB/CCB <sup>a</sup> (mg/L)	Action Level									
					9								
Cd	0.0030			0.015									
Cd			0.0004	0.04	0.0396								

Samples with analyte concentrations within five times the associated ICB, CCB or PB concentration are listed above with the identifications from the Validation Completeness Worksheet. These sample results were qualified as not detected, "U".

Note : a - The listed analyte concentration is the highest ICB, CCB, or PB detected in the analysis of each element.

## Laboratory Data Consultants, Inc. Data Validation Report

**Project/Site Name:** Port Gamble, Shellfish Monitoring

**LDC Report Date:** June 12, 2017

**Parameters:** Wet Chemistry

**Validation Level:** Stage 2B

**Laboratory:** Analytical Resources, Inc.

**Sample Delivery Group (SDG):** 17D0421

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
PG-GP-OYS-COC-170424	17D0421-01	Tissue	04/24/17
PG-GP-COC-COC-170424	17D0421-02	Tissue	04/24/17
PG-GP-LTN-COC-170424	17D0421-03	Tissue	04/24/17
PG-WS-OYS-COC-170424	17D0421-04	Tissue	04/24/17
PG-WS-COC-COC-170425	17D0421-05	Tissue	04/25/17
PG-WS-LTN-COC-170424	17D0421-06	Tissue	04/24/17
PG-WS-MAN-COC-170424	17D0421-07	Tissue	04/24/17
PG-SMA3-GEO-COC-170426	17D0421-08	Tissue	04/26/17
PG-SMA3-DUNM-COC-170426	17D0421-09	Tissue	04/26/17
PG-SMA3-DUNH-COC-170426	17D0421-10	Tissue	04/26/17
PG-SMA3-GEO-COC-170426DUP	17D0421-08DUP	Tissue	04/26/17

## Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Shellfish Monitoring Plan for Port Gamble Bay Cleanup Project (May 2015) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines (CLPNFG) for Inorganic Superfund Data Review (January 2010). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Percent Lipids by Bligh and Dyer Method  
Total Solids by Standard Method 2540G

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

## I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

## II. Initial Calibration

All criteria for the initial calibration of each method were met.

## III. Continuing Calibration

Continuing calibration frequency and analysis criteria were met for each method when applicable.

## IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
PB (prep blank)	% Lipids	0.23 %	All samples in SDG 17D0421

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
PG-GP-LTN-COC-170424	% Lipids	0.82 mg/L	0.82U mg/L
PG-WS-COC-COC-170425	% Lipids	0.9 mg/L	0.9U mg/L
PG-WS-LTN-COC-170424	% Lipids	0.68 mg/L	0.68U mg/L
PG-WS-MAN-COC-170424	% Lipids	0.70 mg/L	0.70U mg/L
PG-SMA3-DUNM-COC-170426	% Lipids	0.46 mg/L	0.46U mg/L

## V. Field Blanks

No field blanks were identified in this SDG.

## **VI. Matrix Spike/Matrix Spike Duplicates**

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

## **VII. Duplicate Sample Analysis**

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

## **VIII. Laboratory Control Samples**

Laboratory control samples (LCS) were not required by the methods.

## **IX. Field Duplicates**

No field duplicates were identified in this SDG.

## **X. Sample Result Verification**

Raw data were not reviewed for Stage 2B validation.

## **XI. Overall Assessment of Data**

The analysis was conducted within all specifications of the methods. No results were rejected in this SDG.

Due to laboratory blank contamination, data were qualified as not detected in five samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Based upon the data validation all other results are considered valid and usable for all purposes.

**Port Gamble, Shellfish Monitoring  
Wet Chemistry - Data Qualification Summary - SDG 17D0421**

No Sample Data Qualified in this SDG

**Port Gamble, Shellfish Monitoring  
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDG 17D0421**

Sample	Analyte	Modified Final Concentration	A or P
PG-GP-LTN-COC-170424	% Lipids	0.82U mg/L	A
PG-WS-COC-COC-170425	% Lipids	0.9U mg/L	A
PG-WS-LTN-COC-170424	% Lipids	0.68U mg/L	A
PG-WS-MAN-COC-170424	% Lipids	0.70U mg/L	A
PG-SMA3-DUNM-COC-170426	% Lipids	0.46U mg/L	A

LDC #: 38777A6

## VALIDATION COMPLETENESS WORKSHEET

Date: 06/05/17

SDG #: 17D0421

Stage 2B

Page: 1 of 1

Laboratory: Analytical Resources, Inc.

Reviewer: ATL

2nd Reviewer: [Signature]

**METHOD: (Analyte) Percent Lipids (Bligh & Dyre), Total Solids (SM2540G)**

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II	Initial calibration	N	
III.	Calibration verification	N	
IV	Laboratory Blanks	SW	
V	Field blanks	N	
VI.	Matrix Spike/Matrix Spike Duplicates	N	
VII.	Duplicate sample analysis	A	
VIII.	Laboratory control samples	N	
IX.	Field duplicates	N	
X.	Sample result verification	N	
XI	Overall assessment of data	A	

Note: A = Acceptable  
N = Not provided/applicable  
SW = See worksheet

ND = No compounds detected  
R = Rinsate  
FB = Field blank

D = Duplicate  
TB = Trip blank  
EB = Equipment blank

SB=Source blank  
OTHER:

	Client ID	Lab ID	Matrix	Date
1	PG-GP-OYS-COC-170424	17D0421-01	Tissue	04/24/17
2	PG-GP-COC-COC-170424	17D0421-02	Tissue	04/24/17
3	PG-GP-LTN-COC-170424	17D0421-03	Tissue	04/24/17
4	PG-WS-OYS-COC-170424	17D0421-04	Tissue	04/24/17
5	PG-WS-COC-COC-170425	17D0421-05	Tissue	04/25/17
6	PG-WS-LTN-COC-170424	17D0421-06	Tissue	04/24/17
7	PG-WS-MAN-COC-170424	17D0421-07	Tissue	04/24/17
8	PG-SMA3-GEO-COC-170426	17D0421-08	Tissue	04/26/17
9	PG-SMA3-DUNM-COC-170426	17D0421-09	Tissue	04/26/17
10	PG-SMA3-DUNH-COC-170426	17D0421-10	Tissue	04/26/17
11	PG-SMA3-GEO-COC-170426DUP	17D0421-08DUP	Tissue	04/26/17
12				
13				
14				
15				

Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**VALIDATION FINDINGS WORKSHEET**  
**Sample Specific Analysis Reference**

All circled methods are applicable to each sample.

Sample ID	Parameter
1-10	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub> <u>% lipids</u> <u>TS</u>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
QC	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
11	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub> <u>% lipids</u>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>
	pH TDS Cl F NO <sub>3</sub> NO <sub>2</sub> SO <sub>4</sub> O-PO <sub>4</sub> Alk CN NH <sub>3</sub> TKN TOC Cr6+ ClO <sub>4</sub>

Comments: \_\_\_\_\_

**VALIDATION FINDINGS WORKSHEET**  
**Blanks**

**METHOD:** Inorganics, Method See Cover

**Conc. units:** mg/L

**Associated Samples:** All

Analyte	Blank ID	Blank ID	Blank Action Limit											
	PB (%)	ICB/CCB (mg/L)		3	5	6	7	9						
% lipids	0.23		1.15	0.82	0.9	0.68	0.70	0.46						

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:  
All contaminants within five times the method blank concentration were qualified as not detected, "U".

**Laboratory Data Consultants, Inc.  
Data Validation Report**

**Project/Site Name:** Port Gamble, Shellfish Monitoring

**LDC Report Date:** June 13, 2017

**Parameters:** Polychlorinated Dioxins/Dibenzofurans

**Validation Level:** Stage 2B

**Laboratory:** Analytical Resources, Inc.

**Sample Delivery Group (SDG):** 17D0421

<b>Sample Identification</b>	<b>Laboratory Sample Identification</b>	<b>Matrix</b>	<b>Collection Date</b>
PG-GP-OYS-COC-170424	17D0421-01	Tissue	04/24/17
PG-GP-COC-COC-170424	17D0421-02	Tissue	04/24/17
PG-GP-LTN-COC-170424	17D0421-03	Tissue	04/24/17
PG-WS-OYS-COC-170424	17D0421-04	Tissue	04/24/17
PG-WS-COC-COC-170425	17D0421-05	Tissue	04/25/17
PG-WS-LTN-COC-170424	17D0421-06	Tissue	04/24/17
PG-WS-MAN-COC-170424	17D0421-07	Tissue	04/24/17
PG-SMA3-GEO-COC-170426	17D0421-08	Tissue	04/26/17
PG-SMA3-DUNM-COC-170426	17D0421-09	Tissue	04/26/17
PG-SMA3-DUNH-COC-170426	17D0421-10	Tissue	04/26/17

## Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Shellfish Monitoring Plan for Port Gamble Bay Cleanup Project (May 2015) and the USEPA Contract Laboratory Program (CLP) National Functional Guidelines for Chlorinated Dibenzo-p-Dioxins (CDDs) and Chlorinated Dibenzofurans (CDFs) Data Review (September 2011). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Polychlorinated Dioxins/Dibenzofurans by Environmental Protection Agency (EPA) Method 1613B

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered not detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

## **I. Sample Receipt and Technical Holding Times**

All samples were received in good condition and cooler temperatures upon receipt met validation criteria

All technical holding time requirements were met.

## **II. HRGC/HRMS Instrument Performance Check**

Instrument performance was checked at the required frequency.

Retention time windows were established for all homologues. The chromatographic resolution between 2,3,7,8-TCDD and peaks representing any other unlabeled TCDD isomer was less than or equal to 25%.

The static resolving power was at least 10,000 (10% valley definition).

## **III. Initial Calibration and Initial Calibration Verification**

A five point initial calibration was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for unlabeled compounds.

The ion abundance ratios for all PCDDs and PCDFs were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for unlabeled compounds and less than or equal to 30.0% for labeled compounds.

## **IV. Continuing Calibration**

Continuing calibration was performed at the required frequencies.

All of the continuing calibration results were within the QC limits for unlabeled compounds and labeled compounds.

The ion abundance ratios for all PCDDs and PCDFs were within method and validation criteria.

## V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Extraction Date	Compound	Concentration	Associated Samples
BFE0233-BLK1	05/09/17	2,3,7,8-TCDF 2,3,7,8-TCDD 1,2,3,7,8-PeCDF 1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total TCDF Total TCDD Total PeCDF Total PeCDD Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.0544 ng/Kg 0.299 ng/Kg 0.100 ng/Kg 0.0474 ng/Kg 0.0839 ng/Kg 0.0511 ng/Kg 0.0524 ng/Kg 0.142 ng/Kg 0.0686 ng/Kg 0.0861 ng/Kg 0.120 ng/Kg 0.104 ng/Kg 0.224 ng/Kg 0.301 ng/Kg 1.82 ng/Kg 0.0932 ng/Kg 0.263 ng/Kg 0.100 ng/Kg 0.0474 ng/Kg 0.329 ng/Kg 0.155 ng/Kg 0.262 ng/Kg 0.722 ng/Kg	All samples in SDG 17D0421

Sample concentrations were compared to concentrations detected in the laboratory blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks with the following exceptions:

Sample	Compound	Reported Concentration	Modified Final Concentration
PG-GP-OYS-COC-170424	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,7,8,9-HxCDF	0.280 ng/Kg 0.322 ng/Kg 0.582 ng/Kg	0.280U ng/Kg 0.322U ng/Kg 0.582U ng/Kg
PG-GP-COC-COC-170424	2,3,7,8-TCDD 1,2,3,7,8-PeCDF 1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF Total TCDD Total PeCDF Total PeCDD Total HxCDF Total HpCDF	0.277 ng/Kg 0.226 ng/Kg 0.135 ng/Kg 0.147 ng/Kg 0.180 ng/Kg 0.139 ng/Kg 0.144 ng/Kg 0.153 ng/Kg 0.161 ng/Kg 0.415 ng/Kg 1.09 ng/Kg 0.634 ng/Kg 0.277 ng/Kg 0.319 ng/Kg 0.135 ng/Kg 0.866 ng/Kg 0.834 ng/Kg	0.277U ng/Kg 0.226U ng/Kg 0.135U ng/Kg 0.147U ng/Kg 0.180U ng/Kg 0.139U ng/Kg 0.144U ng/Kg 0.153U ng/Kg 0.161U ng/Kg 0.415U ng/Kg 1.09U ng/Kg 0.634U ng/Kg 0.277U ng/Kg 0.319U ng/Kg 0.135U ng/Kg 0.866U ng/Kg 0.834U ng/Kg

Sample	Compound	Reported Concentration	Modified Final Concentration
PG-GP-LTN-COC-170424	1,2,3,7,8-PeCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total PeCDF Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.069 ng/Kg 0.081 ng/Kg 0.092 ng/Kg 0.117 ng/Kg 0.170 ng/Kg 0.041 ng/Kg 0.601 ng/Kg 0.452 ng/Kg 4.78 ng/Kg 0.143 ng/Kg 0.290 ng/Kg 0.232 ng/Kg 0.378 ng/Kg 2.10 ng/Kg	0.069U ng/Kg 0.081U ng/Kg 0.092U ng/Kg 0.117U ng/Kg 0.170U ng/Kg 0.041U ng/Kg 0.601U ng/Kg 0.452U ng/Kg 4.78U ng/Kg 0.143J ng/Kg 0.290J ng/Kg 0.232J ng/Kg 0.378J ng/Kg 2.10J ng/Kg
PG-WS-OYS-COC-170424	2,3,7,8-TCDD 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDF Total HxCDD Total HpCDD	0.234 ng/Kg 0.252 ng/Kg 1.48 ng/Kg 0.137 ng/Kg 0.269 ng/Kg 1.11 ng/Kg	0.234U ng/Kg 0.252U ng/Kg 1.48U ng/Kg 0.137J ng/Kg 0.269J ng/Kg 1.11J ng/Kg
PG-WS-COC-COC-170425	1,2,3,4,7,8-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.090 ng/Kg 0.200 ng/Kg 0.715 ng/Kg 0.527 ng/Kg 4.86 ng/Kg 0.090 ng/Kg 0.158 ng/Kg 0.200 ng/Kg 2.74 ng/Kg	0.090U ng/Kg 0.200U ng/Kg 0.715U ng/Kg 0.527U ng/Kg 4.86U ng/Kg 0.090J ng/Kg 0.158J ng/Kg 0.200J ng/Kg 2.74J ng/Kg
PG-WS-LTN-COC-170424	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDD Total TCDD Total HxCDF Total HpCDF Total HpCDD	0.077 ng/Kg 0.054 ng/Kg 0.269 ng/Kg 1.83 ng/Kg 0.070 ng/Kg 0.116 ng/Kg 0.054 ng/Kg 0.847 ng/Kg	0.077U ng/Kg 0.054U ng/Kg 0.269U ng/Kg 1.83U ng/Kg 0.070J ng/Kg 0.116J ng/Kg 0.054J ng/Kg 0.847J ng/Kg
PG-WS-MAN-COC-170424	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDF Total HpCDF Total HpCDD	0.113 ng/Kg 0.054 ng/Kg 0.184 ng/Kg 2.48 ng/Kg 0.113 ng/Kg 0.054 ng/Kg 1.24 ng/Kg	0.113U ng/Kg 0.054U ng/Kg 0.184U ng/Kg 2.48U ng/Kg 0.113J ng/Kg 0.054J ng/Kg 1.24J ng/Kg

Sample	Compound	Reported Concentration	Modified Final Concentration
PG-SMA3-GEO-COC-170426	2,3,7,8-TCDF 1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total TCDF Total TCDD Total PeCDF Total PeCDD Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.180 ng/Kg 0.077 ng/Kg 0.062 ng/Kg 0.117 ng/Kg 0.169 ng/Kg 0.565 ng/Kg 0.417 ng/Kg 5.01 ng/Kg 0.430 ng/Kg 0.093 ng/Kg 0.124 ng/Kg 0.077 ng/Kg 0.120 ng/Kg 0.672 ng/Kg 0.275 ng/Kg 2.44 ng/Kg	0.180U ng/Kg 0.077U ng/Kg 0.062U ng/Kg 0.117U ng/Kg 0.169U ng/Kg 0.565U ng/Kg 0.417U ng/Kg 5.01U ng/Kg 0.430J ng/Kg 0.093J ng/Kg 0.124J ng/Kg 0.077J ng/Kg 0.120J ng/Kg 0.672J ng/Kg 0.275J ng/Kg 2.44J ng/Kg
PG-SMA3-DUNM-COC-170426	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total TCDF Total HxCDF Total HpCDD	0.042 ng/Kg 0.097 ng/Kg 0.267 ng/Kg 0.345 ng/Kg 1.94 ng/Kg 0.042 ng/Kg 0.097 ng/Kg 0.805 ng/Kg	0.042U ng/Kg 0.097U ng/Kg 0.267U ng/Kg 0.345U ng/Kg 1.94U ng/Kg 0.042J ng/Kg 0.097J ng/Kg 0.805J ng/Kg
PG-SMA3-DUNH-COC-170426	2,3,7,8-TCDD 1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF OCDF OCDD	0.369 ng/Kg 0.396 ng/Kg 0.416 ng/Kg 0.227 ng/Kg 0.204 ng/Kg 0.154 ng/Kg 2.01 ng/Kg	0.369U ng/Kg 0.396U ng/Kg 0.416U ng/Kg 0.227U ng/Kg 0.204U ng/Kg 0.154U ng/Kg 2.01U ng/Kg

## VI. Field Blanks

No field blanks were identified in this SDG.

## VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

## VIII. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

## IX. Field Duplicates

No field duplicates were identified in this SDG.



## X. Internal Standards

All internal standard recoveries (%R) were within QC limits with the following exceptions:

Sample	Internal Standards	%R (Limits)	Affected Compound	Flag	A or P
PG-WS-MAN-COC-170424	13C-2,3,4,6,7,8-HxCDF 13C-1,2,3,7,8,9-HxCDF 13C-1,2,3,4,7,8-HxCDD 13C-1,2,3,4,6,7,8-HpCDF 13C-1,2,3,4,7,8,9-HpCDF	27.7 (28-136) 25.7 (29-147) 31.0 (32-141) 26.5 (28-143) 24.5 (26-138)	2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,7,8-HxCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF Total HxCDF Total HpCDF	J (all detects) UJ (all non-detects)	P
PG-SMA3-DUNM-COC-170426	13C-1,2,3,7,8,9-HxCDF 12C-1,2,3,4,6,7,8-HpCDF	28.2 (29-147) 27.4 (28-143)	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF Total HxCDF Total HpCDF	J (all detects) UJ (all non-detects)	P

## XI. Compound Quantitation

All compound quantitations were within validation criteria with the following exceptions:

Sample	Compound	Flag	A or P
All samples in SDG 17D0421	All compounds reported as estimated maximum possible concentration (EMPC)	J (all detects)	A

Raw data were not reviewed for Stage 2B validation.

## XII. Target Compound Identifications

Raw data were not reviewed for Stage 2B validation.

## XIII. System Performance

Raw data were not reviewed for Stage 2B validation.

## XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to internal standards %R and results reported by the laboratory as EMPCs, data were qualified as estimated in ten samples.

Due to laboratory blank contamination, data were qualified as not detected or estimated in ten samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

**Port Gamble, Shellfish Monitoring  
Polychlorinated Dioxins/Dibenzofurans - Data Qualification Summary - SDG  
17D0421**

Sample	Compound	Flag	A or P	Reason
PG-WS-MAN-COC-170424	2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,7,8-HxCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF Total HxCDF Total HpCDF	J (all detects) UJ (all non-detects)	P	Internal standards (%R)
PG-SMA3-DUNM-COC-170426	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF Total HxCDF Total HpCDF	J (all detects) UJ (all non-detects)	P	Internal standards (%R)
PG-GP-OYS-COC-170424 PG-GP-COC-COC-170424 PG-GP-LTN-COC-170424 PG-WS-OYS-COC-170424 PG-WS-COC-COC-170425 PG-WS-LTN-COC-170424 PG-WS-MAN-COC-170424 PG-SMA3-GEO-COC-170426 PG-SMA3-DUNM-COC-170426 PG-SMA3-DUNH-COC-170426	All compounds reported as estimated maximum possible concentration (EMPC)	J (all detects)	A	Compound quantitation (EMPC)

**Port Gamble, Shellfish Monitoring  
Polychlorinated Dioxins/Dibenzofurans - Laboratory Blank Data Qualification  
Summary - SDG 17D0421**

Sample	Compound	Modified Final Concentration	A or P
PG-GP-OYS-COC-170424	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,7,8,9-HxCDF	0.280U ng/Kg 0.322U ng/Kg 0.582U ng/Kg	A
PG-GP-COC-COC-170424	2,3,7,8-TCDD 1,2,3,7,8-PeCDF 1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF Total TCDD Total PeCDF Total PeCDD Total HxCDF Total HpCDF	0.277U ng/Kg 0.226U ng/Kg 0.135U ng/Kg 0.147U ng/Kg 0.180U ng/Kg 0.139U ng/Kg 0.144U ng/Kg 0.153U ng/Kg 0.161U ng/Kg 0.415U ng/Kg 1.09U ng/Kg 0.634U ng/Kg 0.277J ng/Kg 0.319J ng/Kg 0.135J ng/Kg 0.866J ng/Kg 0.834J ng/Kg	A

Sample	Compound	Modified Final Concentration	A or P
PG-GP-LTN-COC-170424	1,2,3,7,8-PeCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total PeCDF Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.069U ng/Kg 0.081U ng/Kg 0.092U ng/Kg 0.117U ng/Kg 0.170U ng/Kg 0.041U ng/Kg 0.601U ng/Kg 0.452U ng/Kg 4.78U ng/Kg 0.143J ng/Kg 0.290J ng/Kg 0.232J ng/Kg 0.378J ng/Kg 2.10J ng/Kg	A
PG-WS-OYS-COC-170424	2,3,7,8-TCDD 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDF Total HxCDD Total HpCDD	0.234U ng/Kg 0.252U ng/Kg 1.48U ng/Kg 0.137J ng/Kg 0.269J ng/Kg 1.11J ng/Kg	A
PG-WS-COC-COC-170425	1,2,3,4,7,8-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.090U ng/Kg 0.200U ng/Kg 0.715U ng/Kg 0.527U ng/Kg 4.86U ng/Kg 0.090J ng/Kg 0.158J ng/Kg 0.200J ng/Kg 2.74J ng/Kg	A
PG-WS-LTN-COC-170424	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDD Total TCDD Total HxCDF Total HpCDF Total HpCDD	0.077U ng/Kg 0.054U ng/Kg 0.269U ng/Kg 1.83U ng/Kg 0.070J ng/Kg 0.116J ng/Kg 0.054J ng/Kg 0.847J ng/Kg	A
PG-WS-MAN-COC-170424	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDF Total HpCDF Total HpCDD	0.113U ng/Kg 0.054U ng/Kg 0.184U ng/Kg 2.48U ng/Kg 0.113J ng/Kg 0.054J ng/Kg 1.24J ng/Kg	A

Sample	Compound	Modified Final Concentration	A or P
PG-SMA3-GEO-COC-170426	2,3,7,8-TCDF 1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total TCDF Total TCDD Total PeCDF Total PeCDD Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.180U ng/Kg 0.077U ng/Kg 0.062U ng/Kg 0.117U ng/Kg 0.169U ng/Kg 0.565U ng/Kg 0.417U ng/Kg 5.01U ng/Kg 0.430J ng/Kg 0.093J ng/Kg 0.124J ng/Kg 0.077J ng/Kg 0.120J ng/Kg 0.672J ng/Kg 0.275J ng/Kg 2.44J ng/Kg	A
PG-SMA3-DUNM-COC-170426	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total TCDF Total HxCDF Total HpCDD	0.042U ng/Kg 0.097U ng/Kg 0.267U ng/Kg 0.345U ng/Kg 1.94U ng/Kg 0.042J ng/Kg 0.097J ng/Kg 0.805J ng/Kg	A
PG-SMA3-DUNH-COC-170426	2,3,7,8-TCDD 1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF OCDF OCDD	0.369U ng/Kg 0.396U ng/Kg 0.416U ng/Kg 0.227U ng/Kg 0.204U ng/Kg 0.154U ng/Kg 2.01U ng/Kg	A

LDC #: 38777A21

**VALIDATION COMPLETENESS WORKSHEET**

SDG #: 17D0421

Stage 2B

Laboratory: Analytical Resources, Inc.

Date: 6/7/17

Page: 1 of 1

Reviewer: [Signature]

2nd Reviewer: [Signature]

**METHOD:** HRGC/HRMS Polychlorinated Dioxins/Dibenzofurans (EPA Method 1613B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A	
II.	HRGC/HRMS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	RSD ≤ 20%      1 CV ≤ 20/30%
IV.	Continuing calibration	A	QC Limits
V.	Laboratory Blanks	M	
VI.	Field blanks	N	
VII.	Matrix spike/Matrix spike duplicates	N	CS
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	N	
X.	Internal standards	M	
XI.	Compound quantitation RL/LOQ/LODs	SW	All ZMPC results - 5 det/A
XII.	Target compound identification	N	
XIII.	System performance	N	
XIV.	Overall assessment of data	A	

Note: A = Acceptable  
N = Not provided/applicable  
SW = See worksheet

ND = No compounds detected  
R = Rinstate  
FB = Field blank

D = Duplicate  
TB = Trip blank  
EB = Equipment blank

SB=Source blank  
OTHER:

	Client ID	Lab ID	Matrix	Date
1	PG-GP-OYS-COC-070424	17D0421-01	Tissue	04/24/17
2	PG-GP-COC-COC-170424	17D0421-02	Tissue	04/24/17
3	PG-GP-LTN-COC-170424	17D0421-03	Tissue	04/24/17
4	PG-WS-OYS-COC-170424	17D0421-04	Tissue	04/24/17
5	PG-WS-COC-COC-170425	17D0421-05	Tissue	04/25/17
6	PG-WS-LTN-COC-170424	17D0421-06	Tissue	04/24/17
7	PG-WS-MAN-COC-170424	17D0421-07	Tissue	04/24/17
8	PG-SMA3-GEO-COC-170426	17D0421-08	Tissue	04/26/17
9	PG-SMA3-DUNM-COC-170426	17D0421-09	Tissue	04/26/17
10	PG-SMA3-DUNH-COC-170426	17D0421-10	Tissue	04/26/17
11				
12	BFE0233-DA1			
13				
14				

## VALIDATION FINDINGS WORKSHEET

**METHOD:** HRGC/HRMS Dioxins/Dibenzofurans (~~EPA SW 846 Method 8290~~)

A. 2,3,7,8-TCDD	F. 1,2,3,4,6,7,8-HpCDD	K. 1,2,3,4,7,8-HxCDF	P. 1,2,3,4,7,8,9-HpCDF	U. Total HpCDD
B. 1,2,3,7,8-PeCDD	G. OCDD	L. 1,2,3,6,7,8-HxCDF	Q. OCDF	V. Total TCDF
C. 1,2,3,4,7,8-HxCDD	H. 2,3,7,8-TCDF	M. 2,3,4,6,7,8-HxCDF	R. Total TCDD	W. Total PeCDF
D. 1,2,3,6,7,8-HxCDD	I. 1,2,3,7,8-PeCDF	N. 1,2,3,7,8,9-HxCDF	S. Total PeCDD	X. Total HxCDF
E. 1,2,3,7,8,9-HxCDD	J. 2,3,4,7,8-PeCDF	O. 1,2,3,4,6,7,8-HpCDF	T. Total HxCDD	Y. Total HpCDF





**VALIDATION FINDINGS WORKSHEET**  
**Internal Standards**

**METHOD:** HRGC/HRMS Dioxins/Dibenzofurans (EPA SW-846 Method 8290-163B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Are all internal standard recoveries were within the 40-135% criteria?  
Y N N/A Was the S/N ratio all internal standard peaks  $\geq 10$ ?

#	Date	Lab ID/Reference	Internal Standard	% Recovery (Limit: 40-135%)		Qualifications
		7	13C-M	27.7	(28-136)	✓ <u>N</u> / <u>P</u> (dots + N/A) *
			13C-N	26.7	(29-147)	
			13C-C	31.0	(32-141)	
			13C-O	26.5	(28-143)	
			13C-P	24.5	(26-138)	
		9	13C-N	28.2	(29-147)	✓ <u>N</u> / <u>P</u> (dots + N/A) *
			13C-O	27.4	(28-143)	
				( )	( )	
				( )	( )	
				( )	( )	
				( )	( )	
				( )	( )	* also qual x,y)
				( )	( )	
				( )	( )	
				( )	( )	
				( )	( )	

Internal Standards		Check Standard Used	Recovery Standards		Check Standard Used
A	<del><sup>13</sup>C-2,3,7,8-TCDF</del>		K	<del><sup>13</sup>C-1,2,3,4-TCDD</del>	
B	<del><sup>13</sup>C-2,3,7,8-TCDD</del>		I	<del><sup>13</sup>C-1,2,3,7,8,9-HxCDD</del>	
C	<del><sup>13</sup>C-1,2,3,7,8-PeCDF</del>		M		
D	<del><sup>13</sup>C-1,2,3,7,8-PeCDD</del>		N		
F	<del><sup>13</sup>C-1,2,3,6,7,8-HxCDF</del>		O		
F	<del><sup>13</sup>C-1,2,3,6,7,8-HxCDD</del>		P		
G	<del><sup>13</sup>C-1,2,3,4,6,7,8-HpCDF</del>		Q		
H	<del><sup>13</sup>C-1,2,3,4,6,7,8-HpCDD</del>		R		
I	<del><sup>13</sup>C OCDD</del>		T		

LDC #: 38777

**EDD POPULATION COMPLETENESS WORKSHEET**

Anchor

Date: 6/13  
 Page: 1 of 1  
 2<sup>nd</sup> Reviewer: SE

The LDC job number listed above was entered by BA.

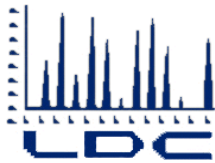
	EDD Process	Y/N	Initial	Comments/Action
I.	EDD Completeness	-		
Ia.	- All methods present?	Y	BA	
Ib.	- All samples present/match report?	Y		
Ic.	- All reported analytes present?	Y		
Id.	- 10% or 100% verification of EDD?	Y		
II.	EDD Preparation/Entry	-		
IIa.	- QC Level applied? (EPAS <sub>Stage2B</sub> or EPAS <sub>Stage4</sub> )	Y		
IIb.	- Laboratory EMPC qualified results qualified (J with reason code 23)?	Y		
III.	Reasonableness Checks	-		
IIIa.	- Do all qualified ND results have ND qualifier (e.g. UJ)?	Y		
IIIb.	- Do all qualified detect results have detect qualifier (e.g. J)?	Y		
IIIc.	- If reason codes are used, do all qualified results have reason code field populated, and vice versa?	Y		
IIId.	- Do blank concentrations in report match EDD, where data was qualified due to blank?	Y		
IIIe.	- Is the detect flag set to "N" for all "U" qualified blank results?	Y		
IIIf.	- Were there multiple results due to dilutions/reanalysis? If so, were results qualified appropriately?	N/A		
IIIg.	-Are all results marked reportable "Yes" unless rejected for overall assessment in the data validation report?	Y		
IIIh.	-Are there any lab "R" qualified data? / Are the entry columns blank for these results?	N/A		
IIIi.	-Are there any discrepancies between the data packet and the EDD?	N		

Notes: \*see discrepancy sheet

---



---



## LABORATORY DATA CONSULTANTS, INC.

2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

Anchor Environmental, LLC  
720 Olive Way, Suite 1900  
Seattle, WA 98101  
ATTN: Ms. Cindy Fields

June 15, 2017

SUBJECT: Port Gamble, Shellfish Monitoring, Data Validation

Dear Ms. Fields,

Enclosed are the final validation reports for the fractions listed below. This SDG was received on May 25, 2017. Attachment 1 is a summary of the samples that were reviewed for each analysis.

### LDC Project #38780:

<u>SDG #</u>	<u>Fraction</u>
17E0012	Polynuclear Aromatic Hydrocarbons, Cadmium, Wet Chemistry, Polychlorinated Dioxins/Dibenzofurans

The data validation was performed under Stage 2B guidelines. The analyses were validated using the following documents, as applicable to each method:

- Shellfish Monitoring Plan for Port Gamble Bay Cleanup Project, May 2015
- USEPA, Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, June 2008
- USEPA, Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review, January 2010
- USEPA, Contract Laboratory Program National Functional Guidelines for Chlorinated Dibenzo-p-Dioxins and Chlorinated Dibenzofurans, Data Review, September 2011
- EPA SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update 1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IIIA, April 1998; IIIB, November 2004; update IV, February 2007, update V, July 2014

Please feel free to contact us if you have any questions.

Sincerely,

Christina Rink  
Project Manager/Chemist



**Laboratory Data Consultants, Inc.  
Data Validation Report**

**Project/Site Name:** Port Gamble, Shellfish Monitoring  
**LDC Report Date:** June 13, 2017  
**Parameters:** Polynuclear Aromatic Hydrocarbons  
**Validation Level:** Stage 2B  
**Laboratory:** Analytical Resources, Inc.  
**Sample Delivery Group (SDG):** 17E0012

<b>Sample Identification</b>	<b>Laboratory Sample Identification</b>	<b>Matrix</b>	<b>Collection Date</b>
PG-PJ-OYS-COC-170427	17E0012-01	Tissue	04/27/17
PG-PJ-COC-COC-170427	17E0012-02	Tissue	04/27/17
PG-PJ-LTN-COC-170427	17E0012-03	Tissue	04/27/17
PG-PJ-MAN-COC-170427	17E0012-04	Tissue	04/27/17
PG-PJ-HC-COC-170428	17E0012-05	Tissue	04/28/17
PG-PJ-MUS-COC-170427	17E0012-06	Tissue	04/27/17

## Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Shellfish Monitoring Plan for Port Gamble Bay Cleanup Project (May 2015) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines (CLPNFG) for Superfund Organic Methods Data Review (June 2008). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Polynuclear Aromatic Hydrocarbons (PAHs) by Environmental Protection Agency (EPA) SW 846 Method 8270D in Selected Ion Monitoring (SIM) mode

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

## **I. Sample Receipt and Technical Holding Times**

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

## **II. GC/MS Instrument Performance Check**

A decafluorotriphenylphosphine (DFTPP) tune was performed at 12 hour intervals.

All ion abundance requirements were met.

## **III. Initial Calibration and Initial Calibration Verification**

An initial calibration was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

Average relative response factors (RRF) for all compounds were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all compounds.

## **IV. Continuing Calibration**

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 20.0% for all compounds.

All of the continuing calibration relative response factors (RRF) were within validation criteria.

## **V. Laboratory Blanks**

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

## **VI. Field Blanks**

No field blanks were identified in this SDG.

## **VII. Surrogates**

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.

### **VIII. Matrix Spike/Matrix Spike Duplicates**

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

### **IX. Laboratory Control Samples**

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

### **X. Field Duplicates**

No field duplicates were identified in this SDG.

### **XI. Internal Standards**

All internal standard areas and retention times were within QC limits.

### **XII. Compound Quantitation**

Raw data were not reviewed for Stage 2B validation.

### **XIII. Target Compound Identifications**

Raw data were not reviewed for Stage 2B validation.

### **XIV. System Performance**

Raw data were not reviewed for Stage 2B validation.

### **XV. Overall Assessment of Data**

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable. Based upon the data validation all results are considered valid and usable for all purposes.



**Port Gamble, Shellfish Monitoring  
Polynuclear Aromatic Hydrocarbons - Data Qualification Summary - SDG 17E0012**

No Sample Data Qualified in this SDG

**Port Gamble, Shellfish Monitoring  
Polynuclear Aromatic Hydrocarbons - Laboratory Blank Data Qualification  
Summary - SDG 17E0012**

No Sample Data Qualified in this SDG

LDC #: 38780A2b

**VALIDATION COMPLETENESS WORKSHEET**

SDG #: 17E0012

Stage 2B

Laboratory: Analytical Resources, Inc.

Date: 4/27/17

Page: 1 of 1

Reviewer: [Signature]

2nd Reviewer: [Signature]

**METHOD:** GC/MS Polynuclear Aromatic Hydrocarbons (EPA SW 846 Method 8270D-SIM)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	RSD ≤ 20% ICV ≤ 30%
IV.	Continuing calibration	A	CCV ≤ 20%
V.	Laboratory Blanks	A	
VI.	Field blanks	N	
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	N	CS
IX.	Laboratory control samples	A	LCS
X.	Field duplicates	N	
XI.	Internal standards	A	
XII.	Compound quantitation RL/LOQ/LODs	N	
XIII.	Target compound identification	N	
XIV.	System performance	N	
XV.	Overall assessment of data	A	

Note: A = Acceptable  
 N = Not provided/applicable  
 SW = See worksheet

ND = No compounds detected  
 R = Rinsate  
 FB = Field blank

D = Duplicate  
 TB = Trip blank  
 EB = Equipment blank

SB=Source blank  
 OTHER:

	Client ID	Lab ID	Matrix	Date
1	PG-PJ-OYS-COC-170427	17E0012-01	Tissue	04/27/17
2	PG-PJ-COC-COC-170427	17E0012-02	Tissue	04/27/17
3	PG-PJ-LTN-COC-170427	17E0012-03	Tissue	04/27/17
4	PG-PJ-MAN-COC-170427	17E0012-04	Tissue	04/27/17
5	PG-PJ-HC-COC-170428	17E0012-05	Tissue	04/28/17
6	PG-PJ-MUS-COC-170427	17E0012-06	Tissue	04/27/17
7				
8				
9				

Notes:


## Laboratory Data Consultants, Inc. Data Validation Report

**Project/Site Name:** Port Gamble, Shellfish Monitoring

**LDC Report Date:** June 13, 2017

**Parameters:** Cadmium

**Validation Level:** Stage 2B

**Laboratory:** Analytical Resources, Inc.

**Sample Delivery Group (SDG):** 17E0012

<b>Sample Identification</b>	<b>Laboratory Sample Identification</b>	<b>Matrix</b>	<b>Collection Date</b>
PG-PJ-OYS-COC-170427	17E0012-01	Tissue	04/27/17
PG-PJ-COC-COC-170427	17E0012-02	Tissue	04/27/17
PG-PJ-LTN-COC-170427	17E0012-03	Tissue	04/27/17
PG-PJ-MAN-COC-170427	17E0012-04	Tissue	04/27/17
PG-PJ-HC-COC-170428	17E0012-05	Tissue	04/28/17
PG-PJ-MUS-COC-170427	17E0012-06	Tissue	04/27/17

## Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Shellfish Monitoring Plan for Port Gamble Bay Cleanup Project (May 2015) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines (CLPNFG) for Inorganic Superfund Data Review (January 2010). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Cadmium by Environmental Protection Agency (EPA) SW 846 Method 6010C

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

## I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

## II. Instrument Calibration

Initial and continuing calibrations were performed as required by the method.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits.

## III. ICP Interference Check Sample Analysis

The frequency of interference check sample (ICS) analysis was met. All criteria were within QC limits.

## IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
PB (prep blank)	Cadmium	0.0030 mg/Kg	All samples in SDG 17E0012
ICB/CCB	Cadmium	0.0004 mg/L	PG-PJ-OYS-COC-170427 PG-PJ-COC-COC-170427 PG-PJ-LTN-COC-170427 PG-PJ-MAN-COC-170427
ICB/CCB	Cadmium	0.0006 mg/L	PG-PJ-HC-COC-170428 PG-PJ-MUS-COC-170427

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks.

## V. Field Blanks

No field blanks were identified in this SDG.

## **VI. Matrix Spike/Matrix Spike Duplicates**

Matrix spike (MS) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits.

## **VII. Duplicate Sample Analysis**

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

## **VIII. Serial Dilution**

Serial dilution was not performed for this SDG.

## **IX. Laboratory Control Samples**

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

## **X. Field Duplicates**

No field duplicates were identified in this SDG.

## **XI. Sample Result Verification**

Raw data were not reviewed for Stage 2B validation.

## **XII. Overall Assessment of Data**

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable. Based upon the data validation all results are considered valid and usable for all purposes.

**Port Gamble, Shellfish Monitoring  
Cadmium - Data Qualification Summary - SDG 17E0012**

No Sample Data Qualified in this SDG

**Port Gamble, Shellfish Monitoring  
Cadmium - Laboratory Blank Data Qualification Summary - SDG 17E0012**

No Sample Data Qualified in this SDG

**METHOD:** Cadmium (EPA SW 846 Method 6010C)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	Instrument Calibration	A	
III.	ICP Interference Check Sample (ICS) Analysis	A	
IV.	Laboratory Blanks	SW	
V.	Field Blanks	N	
VI.	Matrix Spike/Matrix Spike Duplicates	A/A	From SDG # 17D0421-08 (PG-SMA3-GED-COC-170426 MS)
VII.	Duplicate sample analysis	A/A	↓ (PG-SMA3-GED-COC-170426 DUP)
VIII.	Serial Dilution	N	
IX.	Laboratory control samples	A	LCS
X.	Field Duplicates	N	
XI.	Sample Result Verification	N	
XII.	Overall Assessment of Data	A	

Note: A = Acceptable  
 N = Not provided/applicable  
 SW = See worksheet

ND = No compounds detected  
 R = Rinsate  
 FB = Field blank

D = Duplicate  
 TB = Trip blank  
 EB = Equipment blank

SB=Source blank  
 OTHER:

	Client ID	Lab ID	Matrix	Date
1	PG-PJ-OYS-COC-170427	17E0012-01	Tissue	04/27/17
2	PG-PJ-COC-COC-170427	17E0012-02	Tissue	04/27/17
3	PG-PJ-LTN-COC-170427	17E0012-03	Tissue	04/27/17
4	PG-PJ-MAN-COC-170427	17E0012-04	Tissue	04/27/17
5	PG-PJ-HC-COC-170428	17E0012-05	Tissue	04/28/17
6	PG-PJ-MUS-COC-170427	17E0012-06	Tissue	04/27/17
7				
8				
9				
10				
11				
12				
13				
14				

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**VALIDATION FINDINGS WORKSHEET  
PB/ICB/CCB QUALIFIED SAMPLES**

**METHOD:** Trace metals (EPA SW 864 Method 6010B/6020/7000)

Sample Concentration units, unless otherwise noted: mg/kg

Soil preparation factor applied: 20x  
Associated Samples: All

Analyte	Maximum PB <sup>a</sup> (mg/Kg)	Maximum PB <sup>a</sup> (ug/L)	Maximum ICB/CCB <sup>a</sup> (mg/L)	Action Level
Cd	0.0030			0.015

Sample Concentration units, unless otherwise noted: mg/kg Associated Samples: 1 to 4

Analyte	Maximum PB <sup>a</sup> (mg/Kg)	Maximum PB <sup>a</sup> (ug/L)	Maximum ICB/CCB <sup>a</sup> (mg/L)	Action Level
Cd			0.0004	0.04

Sample Concentration units, unless otherwise noted: mg/kg Associated Samples: 5, 6

Analyte	Maximum PB <sup>a</sup> (mg/Kg)	Maximum PB <sup>a</sup> (ug/L)	Maximum ICB/CCB <sup>a</sup> (mg/L)	Action Level
Cd			0.0006	0.06

Samples with analyte concentrations within five times the associated ICB, CCB or PB concentration are listed above with the identifications from the Validation Completeness Worksheet. These sample results were qualified as not detected, "U".

Note : a - The listed analyte concentration is the highest ICB, CCB, or PB detected in the analysis of each element.

## Laboratory Data Consultants, Inc. Data Validation Report

**Project/Site Name:** Port Gamble, Shellfish Monitoring

**LDC Report Date:** June 13, 2017

**Parameters:** Wet Chemistry

**Validation Level:** Stage 2B

**Laboratory:** Analytical Resources, Inc.

**Sample Delivery Group (SDG):** 17E0012

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
PG-PJ-OYS-COC-170427	17E0012-01	Tissue	04/27/17
PG-PJ-COC-COC-170427	17E0012-02	Tissue	04/27/17
PG-PJ-LTN-COC-170427	17E0012-03	Tissue	04/27/17
PG-PJ-MAN-COC-170427	17E0012-04	Tissue	04/27/17
PG-PJ-HC-COC-170428	17E0012-05	Tissue	04/28/17
PG-PJ-MUS-COC-170427	17E0012-06	Tissue	04/27/17

## Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Shellfish Monitoring Plan for Port Gamble Bay Cleanup Project (May 2015) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines (CLPNFG) for Inorganic Superfund Data Review (January 2010). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Percent Lipids by Bligh and Dyer Method  
Total Solids by Standard Method 2540G

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

## I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

## II. Initial Calibration

All criteria for the initial calibration of each method were met.

## III. Continuing Calibration

Continuing calibration frequency and analysis criteria were met for each method when applicable.

## IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
PB (prep blank)	% Lipids	0.23 %	All samples in SDG 17E0012

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
PG-PJ-COC-COC-170427	% Lipids	0.64 mg/L	0.64U mg/L
PG-PJ-LTN-COC-170427	% Lipids	0.94 mg/L	0.94U mg/L
PG-PJ-MAN-COC-170427	% Lipids	0.73 mg/L	0.73U mg/L
PG-PJ-HC-COC-170428	% Lipids	0.79 mg/L	0.79U mg/L
PG-PJ-MUS-COC-170427	% Lipids	0.72 mg/L	0.72U mg/L

## V. Field Blanks

No field blanks were identified in this SDG.

## **VI. Matrix Spike/Matrix Spike Duplicates**

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

## **VII. Duplicate Sample Analysis**

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

## **VIII. Laboratory Control Samples**

Laboratory control samples (LCS) were not required by the methods.

## **IX. Field Duplicates**

No field duplicates were identified in this SDG.

## **X. Sample Result Verification**

Raw data were not reviewed for Stage 2B validation.

## **XI. Overall Assessment of Data**

The analysis was conducted within all specifications of the methods. No results were rejected in this SDG.

Due to laboratory blank contamination, data were qualified as not detected in five samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Based upon the data validation all other results are considered valid and usable for all purposes.

**Port Gamble, Shellfish Monitoring  
Wet Chemistry - Data Qualification Summary - SDG 17E0012**

No Sample Data Qualified in this SDG

**Port Gamble, Shellfish Monitoring  
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDG 17E0012**

Sample	Analyte	Modified Final Concentration	A or P
PG-PJ-COC-COC-170427	% Lipids	0.64U mg/L	A
PG-PJ-LTN-COC-170427	% Lipids	0.94U mg/L	A
PG-PJ-MAN-COC-170427	% Lipids	0.73U mg/L	A
PG-PJ-HC-COC-170428	% Lipids	0.79U mg/L	A
PG-PJ-MUS-COC-170427	% Lipids	0.72U mg/L	A

LDC #: 38780A6

**VALIDATION COMPLETENESS WORKSHEET**

Date: 06/06/17

SDG #: 17E0012

Stage 2B

Page: 1 of 1

Laboratory: Analytical Resources, Inc.

Reviewer: ATL

2nd Reviewer: [Signature]

**METHOD: (Analyte) Percent Lipids (Bligh & Dyre), Total Solids (SM2540G)**

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II	Initial calibration	N	
III.	Calibration verification	N	
IV	Laboratory Blanks	SW	
V	Field blanks	N	
VI.	Matrix Spike/Matrix Spike Duplicates	N	
VII.	Duplicate sample analysis	A	From SDG 17D0421-08 (PG-SMA3-GED-COC-17D426 DUP)
VIII.	Laboratory control samples	N	
IX.	Field duplicates	N	
X.	Sample result verification	N	
XI	Overall assessment of data	A	

Note: A = Acceptable  
N = Not provided/applicable  
SW = See worksheet

ND = No compounds detected  
R = Rinsate  
FB = Field blank

D = Duplicate  
TB = Trip blank  
EB = Equipment blank

SB=Source blank  
OTHER:

	Client ID	Lab ID	Matrix	Date
1	PG-PJ-OYS-COC-170427	17E0012-01	Tissue	04/27/17
2	PG-PJ-COC-COC-170427	17E0012-02	Tissue	04/27/17
3	PG-PJ-LTN-COC-170427	17E0012-03	Tissue	04/27/17
4	PG-PJ-MAN-COC-170427	17E0012-04	Tissue	04/27/17
5	PG-PJ-HC-COC-170428	17E0012-05	Tissue	04/28/17
6	PG-PJ-MUS-COC-170427	17E0012-06	Tissue	04/27/17
7				
8				
9				
10				
11				
12				
13				
14				
15				

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_







**Laboratory Data Consultants, Inc.**  
**Data Validation Report**

**Project/Site Name:** Port Gamble, Shellfish Monitoring

**LDC Report Date:** June 13, 2017

**Parameters:** Polychlorinated Dioxins/Dibenzofurans

**Validation Level:** Stage 2B

**Laboratory:** Analytical Resources, Inc.

**Sample Delivery Group (SDG):** 17E0012

<b>Sample Identification</b>	<b>Laboratory Sample Identification</b>	<b>Matrix</b>	<b>Collection Date</b>
PG-PJ-OYS-COC-170427	17E0012-01	Tissue	04/27/17
PG-PJ-COC-COC-170427	17E0012-02	Tissue	04/27/17
PG-PJ-LTN-COC-170427	17E0012-03	Tissue	04/27/17
PG-PJ-MAN-COC-170427	17E0012-04	Tissue	04/27/17
PG-PJ-HC-COC-170428	17E0012-05	Tissue	04/28/17
PG-PJ-MUS-COC-170427	17E0012-06	Tissue	04/27/17

## Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Shellfish Monitoring Plan for Port Gamble Bay Cleanup Project (May 2015) and the USEPA Contract Laboratory Program (CLP) National Functional Guidelines for Chlorinated Dibenzo-p-Dioxins (CDDs) and Chlorinated Dibenzofurans (CDFs) Data Review (September 2011). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Polychlorinated Dioxins/Dibenzofurans by Environmental Protection Agency (EPA) Method 1613B

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered not detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

## **I. Sample Receipt and Technical Holding Times**

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

## **II. HRGC/HRMS Instrument Performance Check**

Instrument performance was checked at the required frequency.

Retention time windows were established for all homologues. The chromatographic resolution between 2,3,7,8-TCDD and peaks representing any other unlabeled TCDD isomer was less than or equal to 25%.

The static resolving power was at least 10,000 (10% valley definition).

## **III. Initial Calibration and Initial Calibration Verification**

A five point initial calibration was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for unlabeled compounds.

The ion abundance ratios for all PCDDs and PCDFs were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were within the QC limits for unlabeled compounds and labeled compounds.

## **IV. Continuing Calibration**

Continuing calibration was performed at the required frequencies.

All of the continuing calibration results were within the QC limits for unlabeled compounds and labeled compounds.

The ion abundance ratios for all PCDDs and PCDFs were within method and validation criteria.

## **V. Laboratory Blanks**

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Extraction Date	Compound	Concentration	Associated Samples
BFF0233-BLK1	05/09/17	2,3,7,8-TCDF 2,3,7,8-TCDD 1,2,3,7,8-PeCDF 1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total TCDF Total TCDD Total PeCDF Total PeCDD Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.0544 ng/Kg 0.299 ng/Kg 0.100 ng/Kg 0.0474 ng/Kg 0.0839 ng/Kg 0.0511 ng/Kg 0.0524 ng/Kg 0.142 ng/Kg 0.0686 ng/Kg 0.0861 ng/Kg 0.120 ng/Kg 0.104 ng/Kg 0.224 ng/Kg 0.301 ng/Kg 1.82 ng/Kg 0.0932 ng/Kg 0.263 ng/Kg 0.100 ng/Kg 0.0474 ng/Kg 0.329 ng/Kg 0.155 ng/Kg 0.262 ng/Kg 0.722 ng/Kg	All samples in SDG 17E0012

Sample concentrations were compared to concentrations detected in the laboratory blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks with the following exceptions:

Sample	Compound	Reported Concentration	Modified Final Concentration
PG-PJ-OYS-COC-170427	2,3,7,8-TCDF 2,3,7,8-TCDD 1,2,3,7,8-PeCDF 1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total TCDD Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.202 ng/Kg 0.164 ng/Kg 0.076 ng/Kg 0.102 ng/Kg 0.046 ng/Kg 0.080 ng/Kg 0.060 ng/Kg 0.107 ng/Kg 0.092 ng/Kg 0.141 ng/Kg 0.435 ng/Kg 0.280 ng/Kg 2.91 ng/Kg 0.942 ng/Kg 0.510 ng/Kg 0.768 ng/Kg 0.256 ng/Kg 1.58 ng/Kg	0.202U ng/Kg 0.164U ng/Kg 0.076U ng/Kg 0.102U ng/Kg 0.046U ng/Kg 0.080U ng/Kg 0.060U ng/Kg 0.107U ng/Kg 0.092U ng/Kg 0.141U ng/Kg 0.435U ng/Kg 0.280U ng/Kg 2.91U ng/Kg 0.942J ng/Kg 0.510J ng/Kg 0.768J ng/Kg 0.256J ng/Kg 1.58J ng/Kg
PG-PJ-COC-COC-170427	1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDD Total PeCDF Total HpCDF Total HpCDD	0.069 ng/Kg 0.264 ng/Kg 1.74 ng/Kg 0.056 ng/Kg 0.069 ng/Kg 0.976 ng/Kg	0.069U ng/Kg 0.264U ng/Kg 1.74U ng/Kg 0.056J ng/Kg 0.069J ng/Kg 0.976J ng/Kg

Sample	Compound	Reported Concentration	Modified Final Concentration
PG-PJ-LTN-COC-170427	2,3,7,8-TCDD 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total TCDD Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.227 ng/Kg 0.048 ng/Kg 0.109 ng/Kg 0.160 ng/Kg 0.378 ng/Kg 0.401 ng/Kg 4.19 ng/Kg 0.227 ng/Kg 0.157 ng/Kg 0.149 ng/Kg 0.304 ng/Kg 1.74 ng/Kg	0.227U ng/Kg 0.048U ng/Kg 0.109U ng/Kg 0.160U ng/Kg 0.378U ng/Kg 0.401U ng/Kg 4.19U ng/Kg 0.227J ng/Kg 0.157J ng/Kg 0.149J ng/Kg 0.304J ng/Kg 1.74J ng/Kg
PG-PJ-MAN-COC-170427	1,2,3,7,8,9-HxCDF 1,2,3,4,7,8-HxCDD 1,2,3,4,6,7,8-HpCDF OCDF Total HxCDF Total HxCDD Total HpCDF	0.152 ng/Kg 0.156 ng/Kg 0.510 ng/Kg 1.36 ng/Kg 0.243 ng/Kg 0.734 ng/Kg 0.976 ng/Kg	0.152U ng/Kg 0.156U ng/Kg 0.510U ng/Kg 1.36U ng/Kg 0.243J ng/Kg 0.734J ng/Kg 0.976J ng/Kg
PG-PJ-HC-COC-170428	1,2,3,7,8,9-HxCDF OCDD Total HxCDF Total HpCDD	0.078 ng/Kg 1.23 ng/Kg 0.078 ng/Kg 0.325 ng/Kg	0.078U ng/Kg 1.23U ng/Kg 0.078J ng/Kg 0.325J ng/Kg
PG-PJ-MUS-COC-170427	2,3,7,8-TCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDD Total TCDF Total TCDD Total PeCDF Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.159 ng/Kg 0.118 ng/Kg 0.565 ng/Kg 3.73 ng/Kg 0.083 ng/Kg 0.159 ng/Kg 0.199 ng/Kg 0.061 ng/Kg 0.151 ng/Kg 0.262 ng/Kg 2.08 ng/Kg	0.159U ng/Kg 0.118U ng/Kg 0.565U ng/Kg 3.73U ng/Kg 0.083J ng/Kg 0.159J ng/Kg 0.199J ng/Kg 0.061J ng/Kg 0.151J ng/Kg 0.262J ng/Kg 2.08J ng/Kg

## VI. Field Blanks

No field blanks were identified in this SDG.

## VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

## VIII. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

## IX. Field Duplicates

No field duplicates were identified in this SDG.

## X. Internal Standards

All internal standard recoveries (%R) were within QC limits with the following exceptions:

Sample	Internal Standards	%R (Limits)	Affected Compound	Flag	A or P
PG-PJ-MAN-COC-170427	<sup>13</sup> C-1,2,3,7,8-PeCDF <sup>13</sup> C-1,2,3,7,8,9-HxCDF <sup>13</sup> C-1,2,3,4,6,7,8-HpCDF <sup>13</sup> C-1,2,3,4,7,8,9-HpCDF	23.3 (24-185) 24.0 (29-147) 25.9 (28-143) 23.6 (26-138)	1,2,3,7,8-PeCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF Total HxCDF Total HpCDF Total PeCDF	J (all detects) UJ (all non-detects)	P

## XI. Compound Quantitation

All compound quantitations were within validation criteria with the following exceptions:

Sample	Compound	Flag	A or P
All samples in SDG 17E0012	All compounds reported as estimated maximum possible concentration (EMPC)	J (all detects)	A

Raw data were not reviewed for Stage 2B validation.

## XII. Target Compound Identifications

Raw data were not reviewed for Stage 2B validation.

## XIII. System Performance

Raw data were not reviewed for Stage 2B validation.

## XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to internal standard %R and results reported by the laboratory as EMPCs, data were qualified as estimated in six samples.

Due to laboratory blank contamination, data were qualified as not detected or estimated in six samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.



**Port Gamble, Shellfish Monitoring  
Polychlorinated Dioxins/Dibenzofurans - Data Qualification Summary - SDG  
17E0012**

Sample	Compound	Flag	A or P	Reason
PG-PJ-MAN-COC-170427	1,2,3,7,8-PeCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF Total HxCDF Total HpCDF Total PeCDF	J (all detects) UJ (all non-detects)	P	Internal standards (%R)
PG-PJ-OYS-COC-170427 PG-PJ-COC-COC-170427 PG-PJ-LTN-COC-170427 PG-PJ-MAN-COC-170427 PG-PJ-HC-COC-170428 PG-PJ-MUS-COC-170427	All compounds reported as estimated maximum possible concentration (EMPC)	J (all detects)	A	Compound quantitation (EMPC)

**Port Gamble, Shellfish Monitoring  
Polychlorinated Dioxins/Dibenzofurans - Laboratory Blank Data Qualification  
Summary - SDG 17E0012**

Sample	Compound	Modified Final Concentration	A or P
PG-PJ-OYS-COC-170427	2,3,7,8-TCDF 2,3,7,8-TCDD 1,2,3,7,8-PeCDF 1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total TCDD Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.202U ng/Kg 0.164U ng/Kg 0.076U ng/Kg 0.102U ng/Kg 0.046U ng/Kg 0.080U ng/Kg 0.060U ng/Kg 0.107U ng/Kg 0.092U ng/Kg 0.141U ng/Kg 0.435U ng/Kg 0.280U ng/Kg 2.91U ng/Kg 0.942J ng/Kg 0.510J ng/Kg 0.768J ng/Kg 0.256J ng/Kg 1.58J ng/Kg	A
PG-PJ-COC-COC-170427	1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDD Total PeCDF Total HpCDF Total HpCDD	0.069U ng/Kg 0.264U ng/Kg 1.74U ng/Kg 0.056J ng/Kg 0.069J ng/Kg 0.976J ng/Kg	A

Sample	Compound	Modified Final Concentration	A or P
PG-PJ-LTN-COC-170427	2,3,7,8-TCDD 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDF OCDD Total TCDD Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.227U ng/Kg 0.048U ng/Kg 0.109U ng/Kg 0.160U ng/Kg 0.378U ng/Kg 0.401U ng/Kg 4.19U ng/Kg 0.227J ng/Kg 0.157J ng/Kg 0.149J ng/Kg 0.304J ng/Kg 1.74J ng/Kg	A
PG-PJ-MAN-COC-170427	1,2,3,7,8,9-HxCDF 1,2,3,4,7,8-HxCDD 1,2,3,4,6,7,8-HpCDF OCDF Total HxCDF Total HxCDD Total HpCDF	0.152U ng/Kg 0.156U ng/Kg 0.510U ng/Kg 1.36U ng/Kg 0.243J ng/Kg 0.734J ng/Kg 0.976J ng/Kg	A
PG-PJ-HC-COC-170428	1,2,3,7,8,9-HxCDF OCDD Total HxCDF Total HpCDD	0.078U ng/Kg 1.23U ng/Kg 0.078J ng/Kg 0.325J ng/Kg	A
PG-PJ-MUS-COC-170427	2,3,7,8-TCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,6,7,8-HpCDD OCDD Total TCDF Total TCDD Total PeCDF Total HxCDF Total HxCDD Total HpCDF Total HpCDD	0.159U ng/Kg 0.118U ng/Kg 0.565U ng/Kg 3.73U ng/Kg 0.083J ng/Kg 0.159J ng/Kg 0.199J ng/Kg 0.061J ng/Kg 0.151J ng/Kg 0.262J ng/Kg 2.08J ng/Kg	A

LDC #: 38780A21

# VALIDATION COMPLETENESS WORKSHEET

SDG #: 17E0012

Stage 2B

Laboratory: Analytical Resources, Inc.

Date: 6/7/17

Page: 1 of 1

Reviewer: [Signature]

2nd Reviewer: [Signature]

**METHOD:** HRGC/HRMS Polychlorinated Dioxins/Dibenzofurans (EPA Method 1613B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A	
II.	HRGC/HRMS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	RSO ≤ 20%      1CV ≤ 20/30%
IV.	Continuing calibration	A	QC Limits
V.	Laboratory Blanks	N	
VI.	Field blanks	N	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	N	
X.	Internal standards	N	
XI.	Compound quantitation RL/LOQ/LODs	N	EMPC: Jdet/A
XII.	Target compound identification	N	
XIII.	System performance	N	
XIV.	Overall assessment of data	A	

Note: A = Acceptable  
 N = Not provided/applicable  
 SW = See worksheet

ND = No compounds detected  
 R = Rinsate  
 FB = Field blank

D = Duplicate  
 TB = Trip blank  
 EB = Equipment blank

SB=Source blank  
 OTHER:

	Client ID	Lab ID	Matrix	Date
1	PG-PJ-OYS-COC-170427	17E0012-01	Tissue	04/27/17
2	PG-PJ-COC-COC-170427	17E0012-02	Tissue	04/27/17
3	PG-PJ-LTN-COC-170427	17E0012-03	Tissue	04/27/17
4	PG-PJ-MAN-COC-170427	17E0012-04	Tissue	04/27/17
5	PG-PJ-HC-COC-170428	17E0012-05	Tissue	04/28/17
6	PG-PJ-MUS-COC-170427	17E0012-06	Tissue	04/27/17
7				
8				
9				
10				

Notes:


# VALIDATION FINDINGS WORKSHEET

**METHOD:** HRGC/HRMS Dioxins/Dibenzofurans

A. 2,3,7,8-TCDD	F. 1,2,3,4,6,7,8-HpCDD	K. 1,2,3,4,7,8-HxCDF	P. 1,2,3,4,7,8,9-HpCDF	U. Total HpCDD
B. 1,2,3,7,8-PeCDD	G. OCDD	L. 1,2,3,6,7,8-HxCDF	Q. OCDF	V. Total TCDF
C. 1,2,3,4,7,8-HxCDD	H. 2,3,7,8-TCDF	M. 2,3,4,6,7,8-HxCDF	R. Total TCDD	W. Total PeCDF
D. 1,2,3,6,7,8-HxCDD	I. 1,2,3,7,8-PeCDF	N. 1,2,3,7,8,9-HxCDF	S. Total PeCDD	X. Total HxCDF
E. 1,2,3,7,8,9-HxCDD	J. 2,3,4,7,8-PeCDF	O. 1,2,3,4,6,7,8-HpCDF	T. Total HxCDD	Y. Total HpCDF

Notes:

---



---

**VALIDATION FINDINGS WORKSHEET**  
**Blanks**

**METHOD:** HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

**Blank extraction date:** 5/9/17      **Blank analysis date:** 5/22/17      **Associated samples:** All qual U and J for totals  
**Conc. units:** ng/kg

Compound	Blank ID	Sample Identification																		
		5X	1	2	3	4	5	6												
H	0.0544*	0.272	0.202																	
A	0.299*	1.495	0.164		0.227							0.159								
I	0.100*	0.5	0.076																	
B	0.0474	0.237	0.102																	
K	0.0839*	0.4195	0.046																	
L	0.0511	0.2555	0.080		0.048															
M	0.0524*	0.262	0.060																	
N	0.142*	0.71	0.107		0.109			0.152	0.078											
C	0.0686*	0.343						0.156												
D	0.0861*	0.4305	0.092																	
O	0.120	0.6	0.141		0.160	0.069		0.510				0.118								
P	0.104*	0.52																		
F	0.224	1.12	0.435		0.378	0.264						0.565								
Q	0.301	1.505	0.280		0.401			1.36												
G	1.82	9.1	2.91		4.19	1.74						3.73								
V	0.0932	0.466										0.083J								
R	0.263	1.315	0.942J		0.227J							0.159J								
W	0.100	0.5				0.056J						0.199J								
S	0.0474	0.237																		
X	0.329	1.645	0.510J		0.157J			0.243J	0.078J			0.061J								
T	0.155	0.775	0.768J		0.149J			0.734J				0.151J								
Y	0.262	1.31	0.256J		0.304J	0.069J		0.976J				0.262J								
U	0.722	3.61	1.58J		1.74J	0.976J			0.325J			2.08J								



LDC #: 35780

### EDD POPULATION COMPLETENESS WORKSHEET

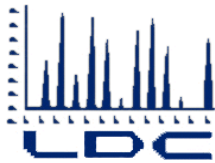
Anchor

Date: 6/14  
 Page: 1 of 1  
 2<sup>nd</sup> Reviewer: [Signature]

The LDC job number listed above was entered by BA.

	EDD Process	Y/N	Initial	Comments/Action
I.	EDD Completeness	-		
Ia.	- All methods present?	Y	BA	
Ib.	- All samples present/match report?	Y		
Ic.	- All reported analytes present?	Y		
Id.	<u>100%</u> or 100% verification of EDD?	Y		
II.	EDD Preparation/Entry	-		
IIa.	- QC Level applied? (EPAS <sub>Stage2B</sub> or EPAS <sub>Stage4</sub> )	Y		
IIb.	- Laboratory EMPC qualified results qualified (J with reason code 23)?	Y		
III.	Reasonableness Checks	-		
IIIa.	- Do all qualified ND results have ND qualifier (e.g. UJ)?	Y		
IIIb.	- Do all qualified detect results have detect qualifier (e.g. J)?	Y		
IIIc.	- If reason codes are used, do all qualified results have reason code field populated, and vice versa?	Y		
IIId.	- Do blank concentrations in report match EDD, where data was qualified due to blank?	Y		
IIIe.	- Is the detect flag set to "N" for all "U" qualified blank results?	Y		
IIIf.	- Were there multiple results due to dilutions/reanalysis? If so, were results qualified appropriately?	N/A		
IIIg.	-Are all results marked reportable "Yes" unless rejected for overall assessment in the data validation report?	Y		
IIIh.	-Are there any lab "R" qualified data? / Are the entry columns blank for these results?	N/A		
IIIi.	-Are there any discrepancies between the data packet and the EDD?	N		

Notes: \*see discrepancy sheet



## LABORATORY DATA CONSULTANTS, INC.

2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

Anchor Environmental, LLC  
720 Olive Way, Suite 1900  
Seattle, WA 98101  
ATTN: Ms. Cindy Fields

June 26, 2017

SUBJECT: Port Gamble, Shellfish Monitoring, Data Validation

Dear Ms. Fields,

Enclosed is the final validation report for the fraction listed below. This SDG was received on June 23, 2017. Attachment 1 is a summary of the samples that were reviewed for analysis.

### LDC Project #38928:

<u>SDG #</u>	<u>Fraction</u>
B795167	Polychlorinated Biphenyls as Congeners

The data validation was performed under Stage 2B guidelines. The analyses were validated using the following documents, as applicable to each method:

- Shellfish Monitoring Plan for Port Gamble Bay Cleanup Project, May 2015
- USEPA, Contract Laboratory Program National Functional Guidelines for Chlorinated Dibenzo-p-Dioxins and Chlorinated Dibenzofurans, Data Review, September 2011

Please feel free to contact us if you have any questions.

Sincerely,

Christina Rink  
Project Manager/Chemist





## Laboratory Data Consultants, Inc. Data Validation Report

**Project/Site Name:** Port Gamble, Shellfish Monitoring

**LDC Report Date:** June 26, 2017

**Parameters:** Polychlorinated Biphenyls as Congeners

**Validation Level:** Stage 2B

**Laboratory:** Maxxam

**Sample Delivery Group (SDG):** B795167

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
PG-GP-OYS-COC-170424	EIY560	Tissue	04/24/17
PG-GP-COC-COC-170424	EIY561	Tissue	04/24/17
PG-GP-LTN-COC-170424	EIY562	Tissue	04/24/17
PG-WS-OYS-COC-170424	EIY563	Tissue	04/24/17
PG-WS-COC-COC-170425	EIY564	Tissue	04/25/17
PG-WS-LTN-COC-170424	EIY565	Tissue	04/24/17
PG-WS-MAN-COC-170424	EIY566	Tissue	04/24/17
PG-SMA3-GEO-COC-170426	EIY567	Tissue	04/26/17
PG-SMA3-DUNM-COC-170426	EIY568	Tissue	04/26/17
PG-SMA3-DUNH-COC-170426	EIY569	Tissue	04/26/17
PG-PJ-OYS-COC-170427	EIY570	Tissue	04/27/17
PG-PJ-COC-COC-170427	EIY571	Tissue	04/27/17
PG-PJ-LTN-COC-170427	EIY572	Tissue	04/27/17
PG-PJ-MAN-COC-170427	EIY573	Tissue	04/27/17
PG-PJ-HC-COC-170428	EIY574	Tissue	04/28/17
PG-PJ-MUS-COC-170427	EIY575	Tissue	04/27/17
PG-GP-OYS-COC-170424MS	EIY560MS	Tissue	04/24/17
PG-WS-LTN-COC-170424DUP	EIY565DUP	Tissue	04/24/17

## Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with the Shellfish Monitoring Plan for Port Gamble Bay Cleanup Project (May 2015) and the USEPA Contract Laboratory Program (CLP) National Functional Guidelines for Chlorinated Dibenzo-p-Dioxins (CDDs) and Chlorinated Dibenzofurans (CDFs) Data Review (September 2011). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Polychlorinated Biphenyls (PCBs) as Congeners by Environmental Protection Agency (EPA) Method 1668A

All sample results were subjected to Stage 2B data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

- J (Estimated): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UJ (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

## I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

## II. HRGC/HRMS Instrument Performance Check

Instrument performance was checked at the required frequency.

Retention time windows were established for all congeners. The chromatographic resolution between the congeners PCB-23 and PCB-34 and congeners PCB-182 and PCB-187 was resolved with a valley of less than or equal to 40%.

The static resolving power was at least 10,000 (10% valley definition).

## III. Initial Calibration and Initial Calibration Verification

A five point initial calibration was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for unlabeled compounds and labeled compounds.

The ion abundance ratios for all compounds were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for unlabeled compounds with the following exceptions:

Date	Standard	Compound	%D	Associated Samples	Flag	A or P
04/19/17	M2170419A_2nd source	PCB-193/180	53.4	All samples in SDG B795167	J (all detects) UJ (all non-detects)	P

## IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

All of the continuing calibration percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were less than or equal to 30.0% for unlabeled compounds and less than or equal to 50.0% for labeled compounds.

The ion abundance ratios for all compounds were within validation criteria.

## V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Extraction Date	Compound	Concentration	Associated Samples
5019849MB	05/30/17	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95/95 PCB-68 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.165 ng/g 0.046 ng/g 0.015 ng/g 0.325 ng/g 0.034 ng/g 0.081 ng/g 0.039 ng/g 0.093 ng/g 0.028 ng/g 0.053 ng/g 0.048 ng/g 0.161 ng/g 0.275 ng/g 0.253 ng/g 0.108 ng/g	All samples in SDG B795167

Sample concentrations were compared to concentrations detected in the laboratory blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks with the following exceptions:

Sample	Compound	Reported Concentration	Modified Final Concentration
PG-GP-OYS-COC-170424	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0163 ng/g 0.0291 ng/g 0.00694 ng/g 0.0589 ng/g 0.0860 ng/g 0.0821 ng/g 0.0389 ng/g 0.00214 ng/g 0.0269 ng/g 0.0471 ng/g 0.165 ng/g 0.168 ng/g 0.382 ng/g 0.642 ng/g 0.0501 ng/g	0.0163U ng/g 0.0291U ng/g 0.00694U ng/g 0.0589U ng/g 0.0860U ng/g 0.0821U ng/g 0.0389U ng/g 0.00214U ng/g 0.0269U ng/g 0.0471U ng/g 0.165U ng/g 0.168U ng/g 0.382U ng/g 0.642U ng/g 0.0501U ng/g
PG-GP-COC-COC-170424	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0075 ng/g 0.00653 ng/g 0.00184 ng/g 0.0128 ng/g 0.0133 ng/g 0.0132 ng/g 0.00765 ng/g 0.00124 ng/g 0.00848 ng/g 0.0230 ng/g 0.0210 ng/g 0.0577 ng/g 0.0574 ng/g 0.0136 ng/g	0.0075U ng/g 0.00653U ng/g 0.00184U ng/g 0.0128U ng/g 0.0133U ng/g 0.0132U ng/g 0.00765U ng/g 0.00124U ng/g 0.00848U ng/g 0.0230U ng/g 0.0210U ng/g 0.0577U ng/g 0.0574U ng/g 0.0136U ng/g

Sample	Compound	Reported Concentration	Modified Final Concentration
PG-GP-LTN-COC-170424	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0110 ng/g 0.00406 ng/g 0.00075 ng/g 0.00740 ng/g 0.0260 ng/g 0.00866 ng/g 0.00262 ng/g 0.00092 ng/g 0.00257 ng/g 0.00593 ng/g 0.00739 ng/g 0.0266 ng/g 0.0298 ng/g 0.0093 ng/g	0.0110U ng/g 0.00406U ng/g 0.00075U ng/g 0.00740U ng/g 0.0260U ng/g 0.00866U ng/g 0.00262U ng/g 0.00092U ng/g 0.00257U ng/g 0.00593U ng/g 0.00739U ng/g 0.0266U ng/g 0.0298U ng/g 0.0093U ng/g
PG-WS-OYS-COC-170424	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0139 ng/g 0.0467 ng/g 0.0101 ng/g 0.0828 ng/g 0.104 ng/g 0.112 ng/g 0.0563 ng/g 0.00262 ng/g 0.0340 ng/g 0.0618 ng/g 0.213 ng/g 0.232 ng/g 0.531 ng/g 0.985 ng/g 0.0618 ng/g	0.0139U ng/g 0.0467U ng/g 0.0101U ng/g 0.0828U ng/g 0.104U ng/g 0.112U ng/g 0.0563U ng/g 0.00262U ng/g 0.0340U ng/g 0.0618U ng/g 0.213U ng/g 0.232U ng/g 0.531U ng/g 0.985U ng/g 0.0618U ng/g
PG-WS-COC-COC-170425	PCB-11 PCB-20/28 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0131 ng/g 0.00835 ng/g 0.0130 ng/g 0.0147 ng/g 0.0152 ng/g 0.0106 ng/g 0.0107 ng/g 0.0266 ng/g 0.0243 ng/g 0.0624 ng/g 0.0541 ng/g 0.0170 ng/g	0.0131U ng/g 0.00835U ng/g 0.0130U ng/g 0.0147U ng/g 0.0152U ng/g 0.0106U ng/g 0.0107U ng/g 0.0266U ng/g 0.0243U ng/g 0.0624U ng/g 0.0541U ng/g 0.0170U ng/g
PG-WS-LTN-COC-170424	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.00877 ng/g 0.00433 ng/g 0.00071 ng/g 0.0074 ng/g 0.0334 ng/g 0.0116 ng/g 0.00257 ng/g 0.0018 ng/g 0.00272 ng/g 0.0052 ng/g 0.00867 ng/g 0.0294 ng/g 0.0350 ng/g 0.0148 ng/g	0.00877U ng/g 0.00433U ng/g 0.00071U ng/g 0.0074U ng/g 0.0334U ng/g 0.0116U ng/g 0.00257U ng/g 0.0018U ng/g 0.00272U ng/g 0.0052U ng/g 0.00867U ng/g 0.0294U ng/g 0.0350U ng/g 0.0148U ng/g

Sample	Compound	Reported Concentration	Modified Final Concentration
PG-WS-MAN-COC-170424	PCB-11 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0097 ng/g 0.0123 ng/g 0.0104 ng/g 0.0140 ng/g 0.0074 ng/g 0.0040 ng/g 0.0102 ng/g 0.0113 ng/g 0.0401 ng/g 0.0448 ng/g 0.0200 ng/g	0.0097U ng/g 0.0123U ng/g 0.0104U ng/g 0.0140U ng/g 0.0074U ng/g 0.0040U ng/g 0.0102U ng/g 0.0113U ng/g 0.0401U ng/g 0.0448U ng/g 0.0200U ng/g
PG-SMA3-GEO-COC-170426	PCB-20/28 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-85/116/117 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0322 ng/g 0.0442 ng/g 0.0832 ng/g 0.0508 ng/g 0.0220 ng/g 0.0021 ng/g 0.0155 ng/g 0.106 ng/g 0.0929 ng/g 0.261 ng/g 0.333 ng/g 0.0598 ng/g	0.0322U ng/g 0.0442U ng/g 0.0832U ng/g 0.0508U ng/g 0.0220U ng/g 0.0021U ng/g 0.0155U ng/g 0.106U ng/g 0.0929U ng/g 0.261U ng/g 0.333U ng/g 0.0598U ng/g
PG-SMA3-DUNM-COC-170426	PCB-11 PCB-20/28 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0034 ng/g 0.0527 ng/g 0.0395 ng/g 0.0572 ng/g 0.0522 ng/g 0.0269 ng/g 0.0289 ng/g 0.0438 ng/g 0.0708 ng/g 0.122 ng/g 0.555 ng/g 0.574 ng/g 0.157 ng/g	0.0034U ng/g 0.0527U ng/g 0.0395U ng/g 0.0572U ng/g 0.0522U ng/g 0.0269U ng/g 0.0289U ng/g 0.0438U ng/g 0.0708U ng/g 0.122U ng/g 0.555U ng/g 0.574U ng/g 0.157U ng/g
PG-SMA3-DUNH-COC-170426	PCB-11 PCB-22 PCB-44/47/65 PCB-68	0.0127 ng/g 0.0647 ng/g 1.01 ng/g 0.0136 ng/g	0.0127U ng/g 0.0647U ng/g 1.01U ng/g 0.0136U ng/g
PG-PJ-OYS-COC-170427	PCB-20/28 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-105 PCB-110/115 PCB-118 PCB-153/168	0.0129 ng/g 0.0354 ng/g 0.0407 ng/g 0.0482 ng/g 0.0226 ng/g 0.0307 ng/g 0.0954 ng/g 0.0963 ng/g 0.325 ng/g	0.0129U ng/g 0.0354U ng/g 0.0407U ng/g 0.0482U ng/g 0.0226U ng/g 0.0307U ng/g 0.0954U ng/g 0.0963U ng/g 0.325U ng/g

Sample	Compound	Reported Concentration	Modified Final Concentration
PG-PJ-COC-COC-170427	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-105 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.00602 ng/g 0.00433 ng/g 0.00121 ng/g 0.0113 ng/g 0.00783 ng/g 0.00721 ng/g 0.00416 ng/g 0.00196 ng/g 0.00427 ng/g 0.0111 ng/g 0.0365 ng/g 0.0368 ng/g 0.00717 ng/g	0.00602U ng/g 0.00433U ng/g 0.00121U ng/g 0.0113U ng/g 0.00783U ng/g 0.00721U ng/g 0.00416U ng/g 0.00196U ng/g 0.00427U ng/g 0.0111U ng/g 0.0365U ng/g 0.0368U ng/g 0.00717U ng/g
PG-PJ-LTN-COC-170427	PCB-11 PCB-20/28 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-68 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0109 ng/g 0.00413 ng/g 0.0143 ng/g 0.0124 ng/g 0.00750 ng/g 0.00272 ng/g 0.00182 ng/g 0.00295 ng/g 0.00921 ng/g 0.00837 ng/g 0.0314 ng/g 0.0371 ng/g 0.00892 ng/g	0.0109U ng/g 0.00413U ng/g 0.0143U ng/g 0.0124U ng/g 0.00750U ng/g 0.00272U ng/g 0.00182U ng/g 0.00295U ng/g 0.00921U ng/g 0.00837U ng/g 0.0314U ng/g 0.0371U ng/g 0.00892U ng/g
PG-PJ-MAN-COC-170427	PCB-52 PCB-61/70/74/76 PCB-118 PCB-129/138/163 PCB-153/168	0.0093 ng/g 0.0100 ng/g 0.0150 ng/g 0.045 ng/g 0.043 ng/g	0.0093U ng/g 0.0100U ng/g 0.0150U ng/g 0.045U ng/g 0.043U ng/g
PG-PJ-HC-COC-170428	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.00756 ng/g 0.00417 ng/g 0.00115 ng/g 0.0133 ng/g 0.00955 ng/g 0.00972 ng/g 0.00495 ng/g 0.00224 ng/g 0.00301 ng/g 0.00845 ng/g 0.0178 ng/g 0.0181 ng/g 0.0601 ng/g 0.0708 ng/g 0.00677 ng/g	0.00756U ng/g 0.00417U ng/g 0.00115U ng/g 0.0133U ng/g 0.00955U ng/g 0.00972U ng/g 0.00495U ng/g 0.00224U ng/g 0.00301U ng/g 0.00845U ng/g 0.0178U ng/g 0.0181U ng/g 0.0601U ng/g 0.0708U ng/g 0.00677U ng/g



Sample	Compound	Reported Concentration	Modified Final Concentration
PG-PJ-MUS-COC-170427	PCB-11	0.00808 ng/g	0.00808U ng/g
	PCB-20/28	0.00614 ng/g	0.00614U ng/g
	PCB-44/47/65	0.0176 ng/g	0.0176U ng/g
	PCB-52	0.0163 ng/g	0.0163U ng/g
	PCB-61/70/74/76	0.0182 ng/g	0.0182U ng/g
	PCB-66/95	0.00874 ng/g	0.00874U ng/g
	PCB-68	0.00232 ng/g	0.00232U ng/g
	PCB-85/116/117	0.00721 ng/g	0.00721U ng/g
	PCB-105	0.0147 ng/g	0.0147U ng/g
	PCB-110/115	0.0305 ng/g	0.0305U ng/g
	PCB-118	0.0376 ng/g	0.0376U ng/g
	PCB-129/138/163	0.0971 ng/g	0.0971U ng/g
	PCB-153/168	0.129 ng/g	0.129U ng/g
	PCB-180/193	0.0166 ng/g	0.0166U ng/g

## VI. Field Blanks

No field blanks were identified in this SDG.

## VII. Matrix Spike/Matrix Spike Duplicates/Duplicates

Matrix spike (MS) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits.

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

## VIII. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

## IX. Field Duplicates

No field duplicates were identified in this SDG.

## X. Internal Standards

All internal standard recoveries (%R) were within QC limits with the following exceptions:

Sample	Internal Standards	%R (Limits)	Affected Compound	Flag	A or P
PG-WS-MAN-COC-170424	<sup>13</sup> C-PCB-169	13 (25-150)	PCB-169	UJ (all non-detects)	P

Sample	Internal Standards	%R (Limits)	Affected Compound	Flag	A or P
PG-SMA3-GEO-COC-170426	<sup>13</sup> C-PCB-202 <sup>13</sup> C-PCB-180 <sup>13</sup> C-PCB-189	176 (25-150) 155 (25-150) 151 (25-150)	PCB-202 PCB-201 PCB-204 PCB-197 PCB-200 PCB-198/199 PCB-196 PCB-203 PCB-195 PCB-194 PCB-179 PCB-184 PCB-176 PCB-186 PCB-178 PCB-175 PCB-187 PCB-182 PCB-183 PCB-185 PCB-174 PCB-177 PCB-181 PCB-171/173 PCB-172 PCB-192 PCB-180/193 PCB-191 PCB-170 PCB-190 PCB-189	J (all detects) UJ (all non-detects)	P
PG-SMA3-DUNH-COC-170426	<sup>13</sup> C-PCB-202	154 (25-150)	PCB-202 PCB-201 PCB-204 PCB-197 PCB-200 PCB-198/199 PCB-196 PCB-203 PCB-195 PCB-194	J (all detects) UJ (all non-detects)	P
PG-PJ-LTN-COC-170427	<sup>13</sup> C-PCB-180	151 (25-150)	PCB-179 PCB-184 PCB-176 PCB-186 PCB-178 PCB-175 PCB-187 PCB-182 PCB-183 PCB-185 PCB-174 PCB-177 PCB-181 PCB-171/173 PCB-172 PCB-192 PCB-180/193 PCB-191 PCB-170 PCB-190	J (all detects) UJ (all non-detects)	P

### **XI. Compound Quantitation**

All compound quantitations were within validation criteria with the following exceptions:

Sample	Compound	Flag	A or P
All samples in SDG B795167	Results were flagged (1) by the laboratory to indicate results reported as estimated maximum possible concentration (EMPC)	J (all detects)	A

Raw data were not reviewed for Stage 2B validation.

### **XII. Target Compound Identification**

Raw data were not reviewed for Stage 2B validation.

### **XIII. System Performance**

Raw data were not reviewed for Stage 2B validation.

### **XIV. Overall Assessment of Data**

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to ICV %D, internal standards %R, and results reported by the laboratory as EMPC, data were qualified as estimated in six samples.

Due to laboratory blank contamination, data were qualified as not detected in sixteen samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

**Port Gamble, Shellfish Monitoring  
 Polychlorinated Biphenyls as Congeners - Data Qualification Summary - SDG  
 B795167**

Sample	Compound	Flag	A or P	Reason
PG-GP-OYS-COC-170424 PG-GP-COC-COC-170424 PG-GP-LTN-COC-170424 PG-WS-OYS-COC-170424 PG-WS-COC-COC-170425 PG-WS-LTN-COC-170424 PG-WS-MAN-COC-170424 PG-SMA3-GEO-COC-170426 PG-SMA3-DUNM-COC-170426 PG-SMA3-DUNH-COC-170426 PG-PJ-OYS-COC-170427 PG-PJ-COC-COC-170427 PG-PJ-LTN-COC-170427 PG-PJ-MAN-COC-170427 PG-PJ-HC-COC-170428 PG-PJ-MUS-COC-170427	PCB-180/193	J (all detects) UJ (all non-detects)	P	Initial calibration verification (%D)
PG-WS-MAN-COC-170424	PCB-169	J (all detects) UJ (all non-detects)	P	Internal standards (%R)
PG-SMA3-GEO-COC-170426	PCB-202 PCB-201 PCB-204 PCB-197 PCB-200 PCB-198/199 PCB-196 PCB-203 PCB-195 PCB-194 PCB-179 PCB-184 PCB-176 PCB-186 PCB-178 PCB-175 PCB-187 PCB-182 PCB-183 PCB-185 PCB-174 PCB-177 PCB-181 PCB-171/173 PCB-172 PCB-192 PCB-180/193 PCB-191 PCB-170 PCB-190 PCB-189	J (all detects) UJ (all non-detects)	P	Internal standards (%R)

Sample	Compound	Flag	A or P	Reason
PG-SMA3-DUNH-COC-170426	PCB-202 PCB-201 PCB-204 PCB-197 PCB-200 PCB-198/199 PCB-196 PCB-203 PCB-195 PCB-194	J (all detects) UJ (all non-detects)	P	Internal standards (%R)
PG-PJ-LTN-COC-170427	PCB-179 PCB-184 PCB-176 PCB-186 PCB-178 PCB-175 PCB-187 PCB-182 PCB-183 PCB-185 PCB-174 PCB-177 PCB-181 PCB-171/173 PCB-172 PCB-192 PCB-180/193 PCB-191 PCB-170 PCB-190	J (all detects) UJ (all non-detects)	P	Internal standards (%R)
PG-GP-OYS-COC-170424 PG-GP-COC-COC-170424 PG-GP-LTN-COC-170424 PG-WS-OYS-COC-170424 PG-WS-COC-COC-170425 PG-WS-LTN-COC-170424 PG-WS-MAN-COC-170424 PG-SMA3-GEO-COC-170426 PG-SMA3-DUNM-COC-170426 PG-SMA3-DUNH-COC-170426 PG-PJ-OYS-COC-170427 PG-PJ-COC-COC-170427 PG-PJ-LTN-COC-170427 PG-PJ-MAN-COC-170427 PG-PJ-HC-COC-170428 PG-PJ-MUS-COC-170427	Results were flagged (1) by the laboratory to indicate results reported as estimated maximum possible concentration (EMPC).	J (all detects)	A	Compound quantitation (EMPC)

**Port Gamble, Shellfish Monitoring  
 Polychlorinated Biphenyls as Congeners - Laboratory Blank Data Qualification  
 Summary - SDG B795167**

Sample	Compound	Modified Final Concentration	A or P
PG-GP-OYS-COC-170424	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0163U ng/g 0.0291U ng/g 0.00694U ng/g 0.0589U ng/g 0.0860U ng/g 0.0821U ng/g 0.0389U ng/g 0.00214U ng/g 0.0269U ng/g 0.0471U ng/g 0.165U ng/g 0.168U ng/g 0.382U ng/g 0.642U ng/g 0.0501U ng/g	A
PG-GP-COC-COC-170424	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0075U ng/g 0.00653U ng/g 0.00184U ng/g 0.0128U ng/g 0.0133U ng/g 0.0132U ng/g 0.00765U ng/g 0.00124U ng/g 0.00848U ng/g 0.0230U ng/g 0.0210U ng/g 0.0577U ng/g 0.0574U ng/g 0.0136U ng/g	A
PG-GP-LTN-COC-170424	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0110U ng/g 0.00406U ng/g 0.00075U ng/g 0.00740U ng/g 0.0260U ng/g 0.00866U ng/g 0.00262U ng/g 0.00092U ng/g 0.00257U ng/g 0.00593U ng/g 0.00739U ng/g 0.0266U ng/g 0.0298U ng/g 0.0093U ng/g	A

Sample	Compound	Modified Final Concentration	A or P
PG-WS-OYS-COC-170424	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0139U ng/g 0.0467U ng/g 0.0101U ng/g 0.0828U ng/g 0.104U ng/g 0.112U ng/g 0.0563U ng/g 0.00262U ng/g 0.0340U ng/g 0.0618U ng/g 0.213U ng/g 0.232U ng/g 0.531U ng/g 0.985U ng/g 0.0618U ng/g	A
PG-WS-COC-COC-170425	PCB-11 PCB-20/28 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0131U ng/g 0.00835U ng/g 0.0130U ng/g 0.0147U ng/g 0.0152U ng/g 0.0106U ng/g 0.0107U ng/g 0.0266U ng/g 0.0243U ng/g 0.0624U ng/g 0.0541U ng/g 0.0170U ng/g	A
PG-WS-LTN-COC-170424	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.00877U ng/g 0.00433U ng/g 0.00071U ng/g 0.0074U ng/g 0.0334U ng/g 0.0116U ng/g 0.00257U ng/g 0.0018U ng/g 0.00272U ng/g 0.0052U ng/g 0.00867U ng/g 0.0294U ng/g 0.0350U ng/g 0.0148U ng/g	A
PG-WS-MAN-COC-170424	PCB-11 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0097U ng/g 0.0123U ng/g 0.0104U ng/g 0.0140U ng/g 0.0074U ng/g 0.0040U ng/g 0.0102U ng/g 0.0113U ng/g 0.0401U ng/g 0.0448U ng/g 0.0200U ng/g	A

Sample	Compound	Modified Final Concentration	A or P
PG-SMA3-GEO-COC-170426	PCB-20/28 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-85/116/117 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0322U ng/g 0.0442U ng/g 0.0832U ng/g 0.0508U ng/g 0.0220U ng/g 0.0021U ng/g 0.0155U ng/g 0.106U ng/g 0.0929U ng/g 0.261U ng/g 0.333U ng/g 0.0598U ng/g	A
PG-SMA3-DUNM-COC-170426	PCB-11 PCB-20/28 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0034U ng/g 0.0527U ng/g 0.0395U ng/g 0.0572U ng/g 0.0522U ng/g 0.0269U ng/g 0.0289U ng/g 0.0438U ng/g 0.0708U ng/g 0.122U ng/g 0.555U ng/g 0.574U ng/g 0.157U ng/g	A
PG-SMA3-DUNH-COC-170426	PCB-11 PCB-22 PCB-44/47/65 PCB-68	0.0127U ng/g 0.0647U ng/g 1.01U ng/g 0.0136U ng/g	A
PG-PJ-OYS-COC-170427	PCB-20/28 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-105 PCB-110/115 PCB-118 PCB-153/168	0.0129U ng/g 0.0354U ng/g 0.0407U ng/g 0.0482U ng/g 0.0226U ng/g 0.0307U ng/g 0.0954U ng/g 0.0963U ng/g 0.325U ng/g	A
PG-PJ-COC-COC-170427	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-105 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.00602U ng/g 0.00433U ng/g 0.00121U ng/g 0.0113U ng/g 0.00783U ng/g 0.00721U ng/g 0.00416U ng/g 0.00196U ng/g 0.00427U ng/g 0.0111U ng/g 0.0365U ng/g 0.0368U ng/g 0.00717U ng/g	A



Sample	Compound	Modified Final Concentration	A or P
PG-PJ-LTN-COC-170427	PCB-11 PCB-20/28 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-68 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.0109U ng/g 0.00413U ng/g 0.0143U ng/g 0.0124U ng/g 0.00750U ng/g 0.00272U ng/g 0.00182U ng/g 0.00295U ng/g 0.00921U ng/g 0.00837U ng/g 0.0314U ng/g 0.0371U ng/g 0.00892U ng/g	A
PG-PJ-MAN-COC-170427	PCB-52 PCB-61/70/74/76 PCB-118 PCB-129/138/163 PCB-153/168	0.0093U ng/g 0.0100U ng/g 0.0150U ng/g 0.045U ng/g 0.043U ng/g	A
PG-PJ-HC-COC-170428	PCB-11 PCB-20/28 PCB-22 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.00756U ng/g 0.00417U ng/g 0.00115U ng/g 0.0133U ng/g 0.00955U ng/g 0.00972U ng/g 0.00495U ng/g 0.00224U ng/g 0.00301U ng/g 0.00845U ng/g 0.0178U ng/g 0.0181U ng/g 0.0601U ng/g 0.0708U ng/g 0.00677U ng/g	A
PG-PJ-MUS-COC-170427	PCB-11 PCB-20/28 PCB-44/47/65 PCB-52 PCB-61/70/74/76 PCB-66/95 PCB-68 PCB-85/116/117 PCB-105 PCB-110/115 PCB-118 PCB-129/138/163 PCB-153/168 PCB-180/193	0.00808U ng/g 0.00614U ng/g 0.0176U ng/g 0.0163U ng/g 0.0182U ng/g 0.00874U ng/g 0.00232U ng/g 0.00721U ng/g 0.0147U ng/g 0.0305U ng/g 0.0376U ng/g 0.0971U ng/g 0.129U ng/g 0.0166U ng/g	A

LDC #: 38928A31  
 SDG #: B795167  
 Laboratory: Maxxam

**VALIDATION COMPLETENESS WORKSHEET**  
 Stage 2B

Date: 06/22/17  
 Page: 1 of 7  
 Reviewer: JVC  
 2nd Reviewer: CA

**METHOD:** HRGC/HRMS Polychlorinated Biphenyl Congeners (EPA Method 1668A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	HRGC/HRMS Instrument performance check	A	
III.	Initial calibration/ICV	A / A	ICV ≤ 20 % UL/L      10V ≤ 30 % UL/50 L
IV.	Continuing calibration	A	CV ≤ 30 % UL/50 L
V.	Laboratory Blanks	SW	
VI.	Field blanks	N	
VII.	Matrix spike/Matrix spike duplicates /LD	A / A	MS only
VIII.	Laboratory control samples	A	LCS ✓
IX.	Field duplicates	N	
X.	Internal standards	SW	
XI.	Compound quantitation RL/LOQ/LODs	SW	
XII.	Target compound identification	N	
XIII.	System performance	N	
XIV.	Overall assessment of data	A	

Note: A = Acceptable      ND = No compounds detected      D = Duplicate      SB=Source blank  
 N = Not provided/applicable      R = Rinsate      TB = Trip blank      OTHER:  
 SW = See worksheet      FB = Field blank      EB = Equipment blank

	Client ID	Lab ID	Matrix	Date
1	PG-GP-OYS-COC-170424	EIY560	Tissue	04/24/17
2	PG-GP-COC-COC-170424	EIY561	Tissue	04/24/17
3	PG-GP-LTN-COC-170424	EIY562	Tissue	04/24/17
4	PG-WS-OYS-COC-170424	EIY563	Tissue	04/24/17
5	PG-WS-COC-COC-170425	EIY564	Tissue	04/25/17
6	PG-WS-LTN-COC-170424	EIY565	Tissue	04/24/17
7	PG-WS-MAN-COC-170424	EIY566	Tissue	04/24/17
8	PG-SMA3-GEO-COC-170426	EIY567	Tissue	04/26/17
9	PG-SMA3-DUNM-COC-170426	EIY568	Tissue	04/26/17
10	PG-SMA3-DUNH-COC-170426	EIY569	Tissue	04/26/17
11	PG-PJ-OYS-COC-170427	EIY570	Tissue	04/27/17
12	PG-PJ-COC-COC-170427	EIY571	Tissue	04/27/17
13	PG-PJ-LTN-COC-170427	EIY572	Tissue	04/27/17
14	PG-PJ-MAN-COC-170427	EIY573	Tissue	04/27/17

LDC #: 38928A31  
 SDG #: B795167  
 Laboratory: Maxxam

**VALIDATION COMPLETENESS WORKSHEET**  
 Stage 2B

Date: 06/22/17  
 Page: 2 of 2  
 Reviewer: SVL  
 2nd Reviewer: [Signature]

**METHOD:** HRGC/HRMS Polychlorinated Biphenyl Congeners (EPA Method 1668A)

	Client ID	Lab ID	Matrix	Date
15	PG-PJ-HC-COC-170428	EIY574	Tissue	04/28/17
16	PG-PJ-MUS-COC-170427	EIY575	Tissue	04/27/17
17	PG-GP-OYS-COC-170424MS	EIY560MS	Tissue	04/24/17
18	PG-WS-LTN-COC-170424DUP	EIY565DUP	Tissue	04/24/17
19				
20				
21				
22				
23				

Notes:

+	5019849 MB				



VALIDATION FINDINGS WORKSHEET

Blanks

METHOD: HRGC/HRMS PCB Congeners (EPA Method 1668)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

- N N/A Were all samples associated with a method blank?
- N N/A Was a method blank performed for each matrix and whenever a sample extraction was performed?
- N N/A Was the method blank contaminated? If yes, please see qualification below.

Blank extraction date: 05/30/17

Blank analysis date: 06/08/17

Conc. units: ng/g Associated samples: All 8 U A U

Compound	Blank		Sample Identification							
	5019849MB	5x	1	2	3	4	5	6	7	8
PCB-11	0.165	0.825	0.0163	0.0075	0.0110	0.0139	0.0131	0.00877	0.0097	
PCB-20/28	0.046	0.230	0.0291	0.00653	0.00406	0.0467	0.06835	0.00433		0.0322
PCB-22	0.015	0.075	0.00694	0.00184	0.00075	0.0101		0.00071		
PCB-44/47/65	0.325	1.625	0.0589	0.0128	0.00740	0.0828	0.0130	0.0074	0.0123	0.0442
PCB-52	0.034	0.170	0.0860	0.0133	0.0260	0.104	0.0147	0.0334	0.0104	0.0832
PCB-61/70/74/76	0.081	0.405	0.0821	0.0132	0.00866	0.112	0.0152	0.0116	0.0140	0.0508
PCB-66	0.039	0.195	0.0389	0.00765	0.00262	0.0563	0.0106	0.00257	0.0074	0.0220
PCB-68	0.093	0.465	0.00244	0.00124	0.00092	0.00262				0.0021
PCB-85/116/117	0.028	0.140	0.0269			0.0340		0.0018		0.0155
PCB-105	0.053	0.265	0.0471	0.00848	0.00257	0.0618	0.0107	0.00272	0.0040	
PCB-110/115	0.048	0.240	0.165	0.0250	0.00593	0.213	0.0266	0.0052	0.0102	0.106
PCB-118	0.161	0.805	0.168	0.0210	0.00739	0.252	0.0243	0.00867	0.0113	0.0926
PCB-129/138/163	0.275	1.375	0.382	0.0577	0.0266	0.531	0.0624	0.0294	0.0401	0.261
PCB-153/168	0.253	1.265	0.642	0.0574	0.0298	0.985	0.0541	0.0350	0.0448	0.333
PCB-180/193	0.108	0.540	0.0501	0.0136	0.0093	0.0618	0.0170	0.0148	0.0200	0.0598

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT: All contaminants within five times the method blank concentration were qualified as not detected, "U".





CI # (1)	IUPAC # (2,3)	Retention Time Ref. (4)	Quantitation Reference (5)
6	153	167L	155L/167L/156L/157L/169L
6	168	167L	155L/167L/156L/157L/169L
6	153/168	167L	155L/167L/156L/157L/169L
6	141	167L	155L/167L/156L/157L/169L
6	130	167L	155L/167L/156L/157L/169L
6	137	167L	155L/167L/156L/157L/169L
6	164	167L	155L/167L/156L/157L/169L
6	138	167L	155L/167L/156L/157L/169L
6	163	167L	155L/167L/156L/157L/169L
6	129	167L	155L/167L/156L/157L/169L
6	160	167L	155L/167L/156L/157L/169L
6	138/163/129/160	167L	155L/167L/156L/157L/169L
6	158	167L	155L/167L/156L/157L/169L
6	166	167L	155L/167L/156L/157L/169L
6	128	167L	155L/167L/156L/157L/169L
6	128/166	167L	155L/167L/156L/157L/169L
6	159	167L	155L/167L/156L/157L/169L
6	162	167L	155L/167L/156L/157L/169L
6	167	167L	167L
6	156	156L/157L	156L/157L
6	157	156L/157L	156L/157L
6	156/157	156L/157L	156L/157L
6	169 ✓	169L	169L ✓

**Labeled compounds**

6	155L	138L	138L
6	167L	138L	138L
6	156L	138L	138L
6	157L	138L	138L
6	156L/157L	138L	138L
6	169L	138L	138L

**Compounds using 194L (13C12-2,2'3,3',4,4',5,5'-OxCB) as Labeled injection internal standard**

**CB Congener**

**Heptachlorobiphenyls**

7	188	188L	188L
7	PCB-179	188L	188L/180L/170L/189L
7	184	188L	188L/180L/170L/189L
7	176	188L	188L/180L/170L/189L
7	186	188L	188L/180L/170L/189L
7	178	188L	188L/180L/170L/189L
7	175	188L	188L/180L/170L/189L
7	187	188L	188L/180L/170L/189L



Cl # (1)	IUPAC # (2,3)	Retention Time Ref. (4)	Quantitation Reference (5)
7	182	188L	188L/180L/170L/189L
7	183	180L	188L/180L/170L/189L
7	185	180L	188L/180L/170L/189L
7	183/185	180L	188L/180L/170L/189L
7	174	180L	188L/180L/170L/189L
7	177	180L	188L/180L/170L/189L
7	181	180L	188L/180L/170L/189L
7	171	180L	188L/180L/170L/189L
7	173	180L	188L/180L/170L/189L
7	171/173	180L	188L/180L/170L/189L
7	172	180L	188L/180L/170L/189L
7	192	180L	188L/180L/170L/189L
7	193	180L	188L/180L/170L/189L
7	180	180L	180L
7	180/193	180L	180L
7	191	180L	188L/180L/170L/189L
7	170	170L	170L
7	190	170L	188L/180L/170L/189L
7	189 ✓	189L ✓	189L ✓

**Octachlorobiphenyls**

8	PCB- 202	202L	<sup>13</sup> C - PCB - 202L
8	201	202L	202L/205L
8	204	202L	202L/205L
8	197	202L	202L/205L
8	200	202L	202L/205L
8	197/200	202L	202L/205L
8	198	202L	202L/205L
8	199	202L	202L/205L
8	198/199	202L	202L/205L
8	196	205L	202L/205L
8	203	205L	202L/205L
8	195	205L	202L/205L
8	194	205L	202L/205L
8	205	205L	205L

**Nonachlorobiphenyls**

9	208	208L	208L
9	207	208L	206L/208L
9	206	206L	206L



LDC #: 38928

EDD POPULATION COMPLETENESS WORKSHEET

Anchor

Date: 6/26  
 Page: 1 of 1  
 2<sup>nd</sup> Reviewer: AR

The LDC job number listed above was entered by BA

	EDD Process	Y/N	Initial	Comments/Action
I.	EDD Completeness	-		
Ia.	- All methods present?	Y	BA	
Ib.	- All samples present/match report?	Y		
Ic.	- All reported analytes present?	Y		
Id.	- <u>10%</u> or 100% verification of EDD?	Y		
II.	EDD Preparation/Entry	-		
IIa.	- QC Level applied? (EPA Stage 2B or EPA Stage 4)	Y		
IIb.	- Laboratory EMPC qualified results qualified (J with reason code 23)?	N/A		Lab EMPC qualifier (7) is missing in the EDD.
III.	Reasonableness Checks	-		
IIIa.	- Do all qualified ND results have ND qualifier (e.g. UJ)?	Y		
IIIb.	- Do all qualified detect results have detect qualifier (e.g. J)?	Y		
IIIc.	- If reason codes are used, do all qualified results have reason code field populated, and vice versa?	Y		
IIId.	- Do blank concentrations in report match EDD, where data was qualified due to blank?	Y		
IIIe.	- Is the detect flag set to "N" for all "U" qualified blank results?	Y		
IIIf.	- Were there multiple results due to dilutions/reanalysis? If so, were results qualified appropriately?	N/A		
IIIg.	- Are all results marked reportable "Yes" unless rejected for overall assessment in the data validation report?	Y		
IIIh.	- Are there any lab "R" qualified data? / Are the entry columns blank for these results?	N/A		
IIIi.	- Are there any discrepancies between the data packet and the EDD?	N		

Notes: \*see discrepancy sheet

## Appendix B

# Revised Final Design Memorandum – SMA-2 Dredge Plan Modifications

---

## DRAFT MEMORANDUM

---

**To:** Arthur Kapell, Washington State Department of Ecology

**From:** John Laplante, P.E., Anchor QEA

**Date:** October 17, 2016

**Project:** 160388-01.01 T02

**Cc:** Linda Berry-Maraist, PR/OPG  
Clay Patmont, Anchor QEA

**Re:** Revised Final Design Memorandum  
SMA-2 Dredge Plan Modifications  
Port Gamble Bay Cleanup Project



This memorandum summarizes engineering evaluations supporting design refinements of dredge prisms and scour aprons in Sediment Management Area 2 (SMA-2) for the Port Gamble Bay Cleanup Project (Project). The engineering evaluations discussed herein include geotechnical assessment of slope stability, as well as contingency measures that will be used in the event that additional wood waste is encountered after the planned dredge cut elevations are reached. The design revisions presented in this memorandum reflect feedback from and discussions with the Washington Department of Ecology (Ecology) on the various options for revising the dredge design in this area, and incorporate final revisions based on comments provided by Ecology on our October 3, 2016 memorandum.

### BACKGROUND

As discussed in our June 13, 2016, memorandum (Anchor QEA 2016), the SMA-2 dredge prism has been refined to optimize wood waste removal in this area, incorporating the results of jet probing conducted in the spring of 2016 to more accurately delineate the extent of wood waste in this area.

Over the course of spring and summer 2016, Anchor QEA prepared several alternatives for refining the dredge prism. Based on discussions with Ecology, the final design combines elements of these alternatives with the intent to balance habitat and slope stability. The final

---

selected design is presented in this memorandum. Accordingly, this memorandum updates and supersedes all prior design memoranda on the same subject.

The final dredge prism presented herein is based on the refined contact elevation between wood waste and underlying native sediments along the northern portion of SMA-2, which requires steeper dredge cut slopes than those described in the Engineering Design Report (EDR) for the Project (Anchor QEA 2015). The following discussion describes both the geotechnical evaluations that were conducted to confirm the protectiveness of the revised design, as well as contingency measures for managing unexpected deposits of wood waste that could be encountered below the planned dredge surface.

## **GEOTECHNICAL ENGINEERING EVALUATION METHODS**

Consistent with the EDR methodology, slope stability of the revised dredge prism was evaluated using limit equilibrium methods (LEM) with the software package Slide 7.0 (Rocscience). As was done for the EDR dredge prism, conservative model input parameters were used to evaluate the revised dredge prism to compute the factor of safety (FOS) against sliding. A FOS less than 1 implies that there is potential movement of the constructed side slope.

The LEM evaluation considered both long-term static factors of safety, as well as factors of safety during a design-level earthquake (seismic evaluation). In addition to calculating seismic factors of safety, potential slope deformations during an earthquake were assessed using a simplified sliding block model as first proposed by Newmark (1965) for estimating seismic slope performance, consistent with similar evaluations presented in the EDR. The LEM model was used to compute a “yield acceleration” for the various slope transects, and this yield acceleration was compared to the seismic acceleration during the 475-year earthquake to estimate deformation, as described and using the methods presented in the EDR.

### **Slope Stability Evaluation Results**

The final design uses dredge cut side slopes of 2 horizontal to 1 vertical (2H:1V) and 2.5H:1V, depending on location. Where the steeper 2H:1V dredge cuts are used, the slope will be

---

backfilled using angular gravel with a 1-foot thick rounded substrate habitat overlay, to a final slope configuration no steeper than 2.5H:1V. Figure 1 presents a plan view of the final dredge prism design, and Figure 2 through Figure 10 presents cross sections for Transects 1 through 9. The final design slopes would require removal of some of the intertidal cap constructed during Season 1, and might also require removing some clean material beneath the wood waste contact. Table 1 summarizes the LEM factors of safety associated with this design. Based on the results presented in Table 1, the final SMA-2 design refinement meets appropriate factors of safety and tolerable seismic deformations that are consistent with design presented in the approved EDR. Deformations predicted for these slopes are less than the design cap thickness, and as such pose negligible risk to the protectiveness of the cap during and following a design-level earthquake.

**Table 1**  
**Slope Stability Factors of Safety**

Transect	Cut Slope Angle (H:V)	Post-dredge Backfill	Long-Term Factor of Safety	Seismic Factor of Safety	Seismic Yield Acceleration	Estimated Seismic Deformation
1	2:1	Yes	1.93	0.93	0.15	1 to 2 inches
2	2:1	Yes	2.04	0.99	0.17	1 to 2 inches
3	2:1	Yes	1.85	0.94	0.17	1 to 2 inches
4	2.5:1	No	1.78	0.82	0.12	3 to 6 inches
5	2.5:1	No	1.84	0.85	0.13	3 to 6 inches
6	2.5:1	No	1.78	0.82	0.12	3 to 6 inches
7	2.5:1	No	1.79	0.82	0.12	3 to 6 inches
8*	2.5:1	No	1.71	0.81	0.12	3 to 6 inches
9*	2.5:1	No	1.62	0.82	0.12	3 to 6 inches

\* Factors of safety reported for initial dredge cut to elevation -35 feet MLLW. Removal of deeper deposits that may be present at the toe of slope would reduce the factors of safety as follows: Long-term: 0.88; Seismic: 0.45.

## **OVEREXCAVATION AND CAPPING CONTINGENCY MEASURES**

It is possible that additional deep deposits will be encountered that were not identified by the probing. As described in the CQAP, deposits of sediment with TVS > 15% that are greater than 6 inches thick will require additional cleanup action. Depending on the location of these deposits, different contingency measures will be employed as discussed subsequently.

### **Contingency Measures in Shallower Water Areas**

It is possible that deposits of wood waste may be encountered below the revised dredge prism at elevations shallower than -20 feet MLLW (i.e. “shallower water areas”), which is the elevation above which Ecology has expressed a strong preference for full removal. This section discusses contingency actions in the event that post-dredge sampling encounters significant deposits, as defined by the CQAP, above elevation -20 MLLW.

In areas where significant deposits are encountered in the post-dredge confirmation sampling above elevation -20 MLLW, localized additional dredging will be conducted. Such localized dredging will require over-steepening the slope. During this targeted removal, CM and Contractor staff will monitor the material being removed, and if confirmatory sampling indicates that the underlying sediment contains less than 15% total volatile solids (TVS), dredging will be stopped.

In the event that localized dredging will destabilize the top of the bank, PR/OPG and Anchor QEA will confer with Ecology to determine the appropriate path forward.

Areas of localized dredging will be backfilled with angular gravel with a 1-foot thick rounded substrate habitat overlay to achieve a final surface no steeper than 2.5H:1V.

### **Contingency Measures in Deeper Water Areas**

Dredge cuts will be verified with post-dredge core sampling consistent with the procedures presented in the CQAP. It is possible that some areas of deeper wood waste may be encountered during the dredge cut verification sampling in deeper water areas – for example in Transects 6, 8 and 9. In the location of Transects 6, 8, and 9, additional excavation significantly below the target elevation to attempt to remove deeper wood deposits could potentially destabilize the dredge cut slope. Thus, if post-dredge sampling indicates that a substantial thickness of wood waste remains below elevation -35 feet mean lower low water (MLLW), the following contingency options will be reviewed with Ecology and employed as appropriate:

---



- In relatively level areas at the toe of slope, the contingency would be to install the 4-foot-thick SMA-2 subtidal sand cap, consistent with the design approved in the EDR for other deep subtidal areas in SMA-2. In cases where the contingency cap will be constructed adjacent to the SMA-2 subtidal cap, the contingency 4-foot-thick sand cap would be placed in such a manner as to connect to the edge of the planned subtidal SMA-2 cap so that a continuous final cap surface results.
- Where deposits are encountered mid-slope, angular gravel material is needed for a contingency cap to be stable. For slope areas, the contingency cap would consist of 6 to 9 inches of Type 3 armor rock (as described in the EDR), covered with a 1-foot-thick overlay of rounded habitat substrate.

The plan view on Figure 1 and cross sections for Transects 6, 8 and 9 present in concept where a contingency caps could be installed if further removal below elevation -35 feet MLLW is not practicable due to slope stability concerns.

### **Connection between Revised SMA-2 Dredge Prism and SMA-2 Subtidal Cap**

The final horizontal limits of the SMA-2 dredge prism will be controlled in part by the as-constructed side slope. The dredging is being conducted immediately adjacent to the SMA-2 subtidal cap. As part of their sequencing and to prevent cap recontamination, the contractor will maintain a buffer between the SMA-2 subtidal cap and the dredging work, and will install the SMA-2 subtidal cap within this buffer area only after dredging is complete.

The horizontal limits of the SMA-2 subtidal cap will be adjusted in the field as appropriate to ensure complete coverage of either SMA-2 subtidal cap, dredging, or dredging + contingency 4-foot thick cap in the work area. This concept is illustrated as a callout on the transects that abut the SMA-2 subtidal cap.

### **REFERENCES**

- Anchor QEA, 2015. Engineering Design Report Port Gamble Bay Cleanup Project. Prepared for Pope Resources, LP/OPG Properties, LLC. May 2015.
- Anchor QEA, 2016. Revisions to Sediment Management Area 2 Dredge Prism Design Memorandum. Prepared for Washington Department of Ecology. June 13, 2016.
-

Newmark, N.M., 1965. Effects of Earthquakes on Dams and Embankments. *Geotechnique*  
Vol. 15, No. 2, 1965.

---



**SAMPLE LEGEND**

- PDI Core Locations
- February 2016 Probe Location
- April 2016 Probe Location

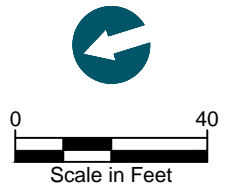
**SOURCE:** Bathymetry from eTrac, dated January 20, 2016.  
**HORIZONTAL DATUM:** Washington State Plane North, NAD83, U.S. Feet.  
**VERTICAL DATUM:** Mean Lower Low Water (MLLW).

**LEGEND:**

- Existing Mudline Contours (2' And 10' Interval)
- Existing Mean Higher High Water Line (Elevation 10.3' MLLW)
- █ Bank Excavation Area Performed in the Dry (> Approx. Elevation 0' MLLW)
- █ Intertidal Work Not Yet Completed
- Extent of Dredge Prism Revision
- █ Proposed Angular Gravel Backfill To 2.5h:1v Slope With Habitat Overlay
- █ Contingent Capping Area
- █ Contingent Type 3 Armor Cap Area

- +++ Place Intertidal Type 2 Cap, Per Contract Drawing C-17
- █ Place Intertidal Type 3 Cap, Per Contract Drawing C-17
- +++ Type 2 Cap Placed During Season 1
- █ Type 3 Cap Placed During Season 1

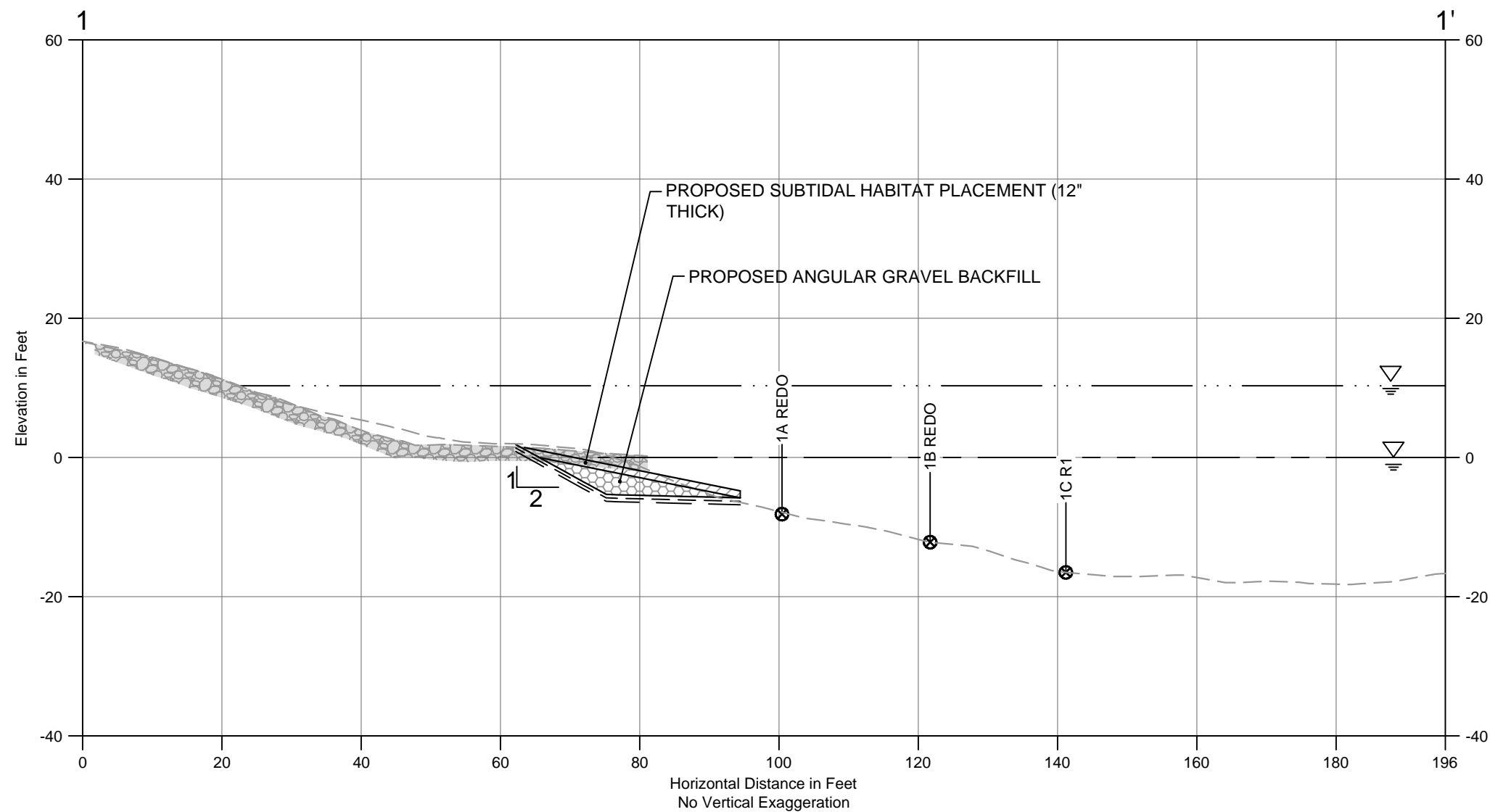
- Required Dredge Elevation (ft MLLW)
- Top of Sideslope (Slopes Vary)
- Final Grade
- Dredge Boundary (Denotes Change in Elevation)
- ② FT — 2-foot Cut Below Existing Grade



**PRIVILEGED AND CONFIDENTIAL**



**Figure 1**  
 SMA-2 Dredge Revision, October 3, 2016  
 Port Gamble Sediment Remediation



Oct 03, 2016 2:29pm chawett

**SOURCE:** Bathymetry from eTrac, dated January 20, 2016.  
**HORIZONTAL DATUM:** Washington State Plane North, NAD83, U.S. Feet.  
**VERTICAL DATUM:** Mean Lower Low Water (MLLW).

**LEGEND:**

- Existing Grade (from January 20, 2016 and July 27, 2016 Surveys By eTrac And AES)
- Required Dredge Elevation
- - - 0.5-ft Payable Allowable Overdepth Line

- - - 1-ft Maximum Allowable Overdepth Line
- Mean Higher High Water Line (Elevation 10.3' MLLW)
- Mean Lower Low Water Line (Elevation 0.0' MLLW)

- Proposed Angular Gravel Backfill
- Contingent Capping
- Subtidal Habitat Layer
- Cap Material Placed In Season 1

**PROBE LEGEND:**

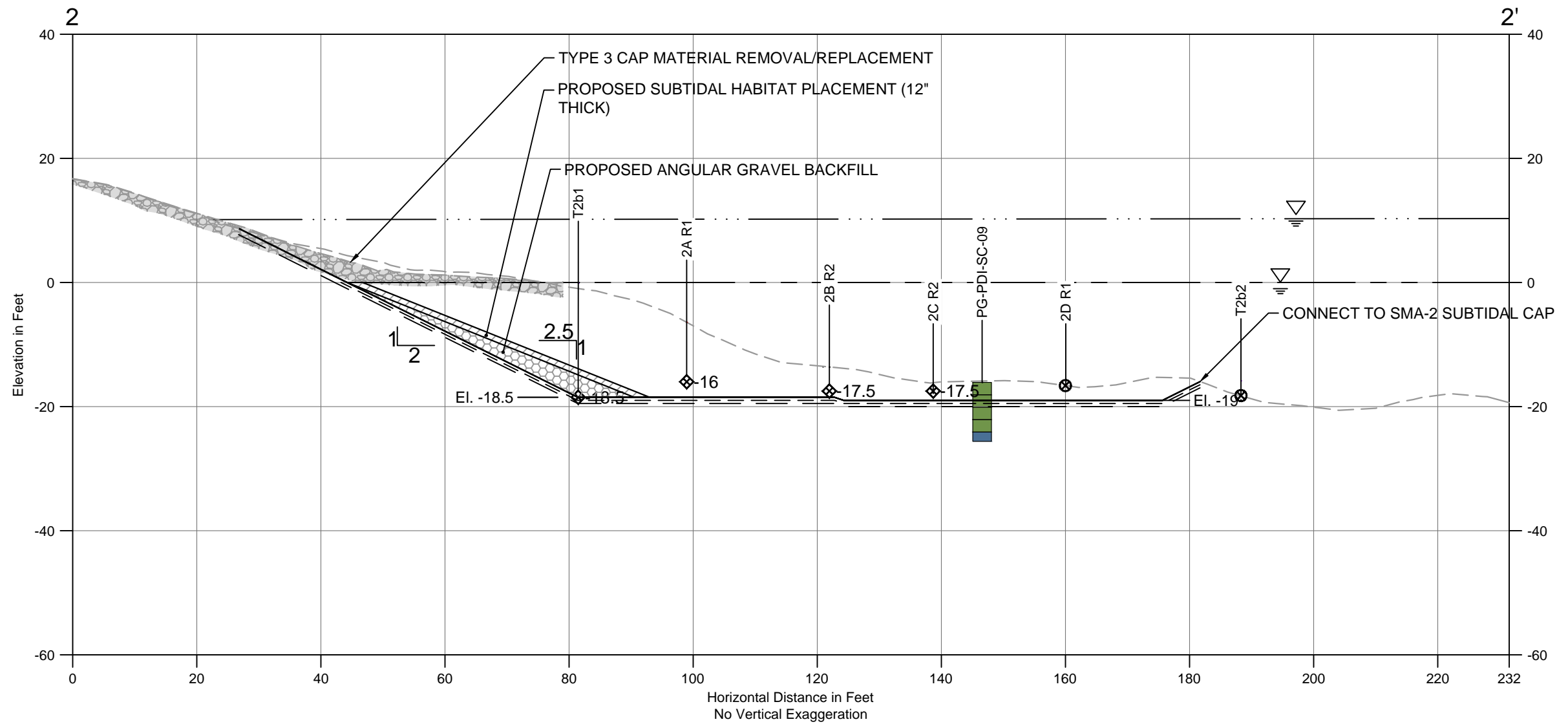
- No Wood Debris Observed
- Contact and Elevation



**DRAFT - NOT FOR CONSTRUCTION**



**Figure 2**  
 Transect 1  
 Port Gamble Sediment Remediation



Oct 03, 2016 2:29pm chewart

**SOURCE:** Bathymetry from eTrac, dated January 20, 2016.  
**HORIZONTAL DATUM:** Washington State Plane North, NAD83, U.S. Feet.  
**VERTICAL DATUM:** Mean Lower Low Water (MLLW).

**LEGEND:**

- Existing Grade (from January 20, 2016 and July 27, 2016 Surveys By eTrac And AES)
- Required Dredge Elevation
- - - 0.5-ft Payable Allowable Overdepth Line

- - - 1-ft Maximum Allowable Overdepth Line
- Mean Higher High Water Line (Elevation 10.3' MLLW)
- Mean Lower Low Water Line (Elevation 0.0' MLLW)

- Proposed Angular Gravel Backfill
- Contingent Capping
- Subtidal Habitat Layer
- Cap Material Placed In Season 1

**PROBE LEGEND:**

- No Wood Debris Observed
- Contact and Elevation

**PG-PDI-SC-01 Existing PDI Core Sample Identification**

- Existing PDI Core Sample Location
- Sample Interval

**TVS (%)**

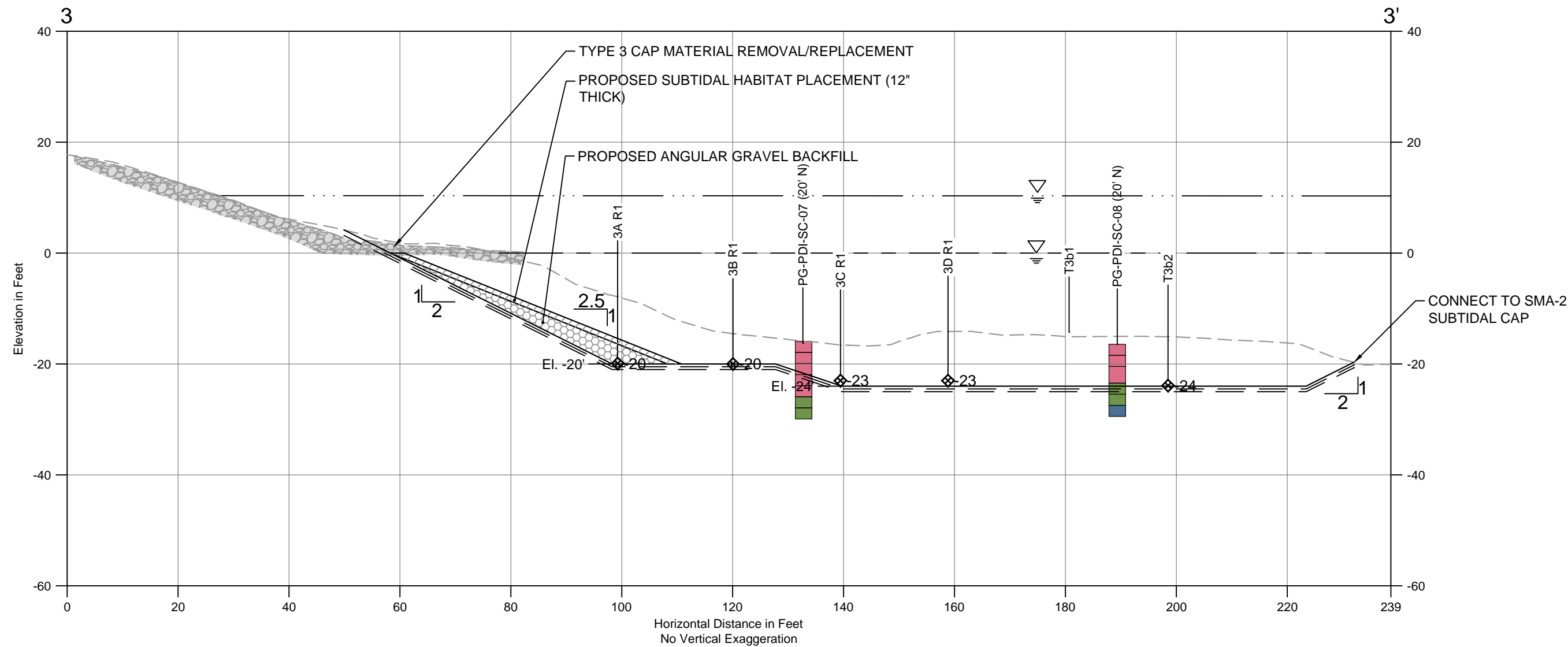
- Greater than 15
- Less than 15
- Archived Sample



**DRAFT - NOT FOR CONSTRUCTION**



**Figure 3**  
 Transect 2  
 Port Gamble Sediment Remediation



Oct 03, 2016 2:29pm chewett

**SOURCE:** Bathymetry from eTrac, dated January 20, 2016.  
**HORIZONTAL DATUM:** Washington State Plane North, NAD83, U.S. Feet.  
**VERTICAL DATUM:** Mean Lower Low Water (MLLW).

- LEGEND:**
- Existing Grade (from January 20, 2016 and July 27, 2016 Surveys By eTrac And AES)
  - Required Dredge Elevation
  - - - - 0.5-ft Payable Allowable Overdepth Line
  - - - - 1-ft Maximum Allowable Overdepth Line
  - Mean Higher High Water Line (Elevation 10.3' MLLW)
  - Mean Lower Low Water Line (Elevation 0.0' MLLW)

- Proposed Angular Gravel Backfill
- Contingent Capping
- Subtidal Habitat Layer
- Cap Material Placed In Season 1

- PROBE LEGEND:**
- No Wood Debris Observed
  - Contact and Elevation

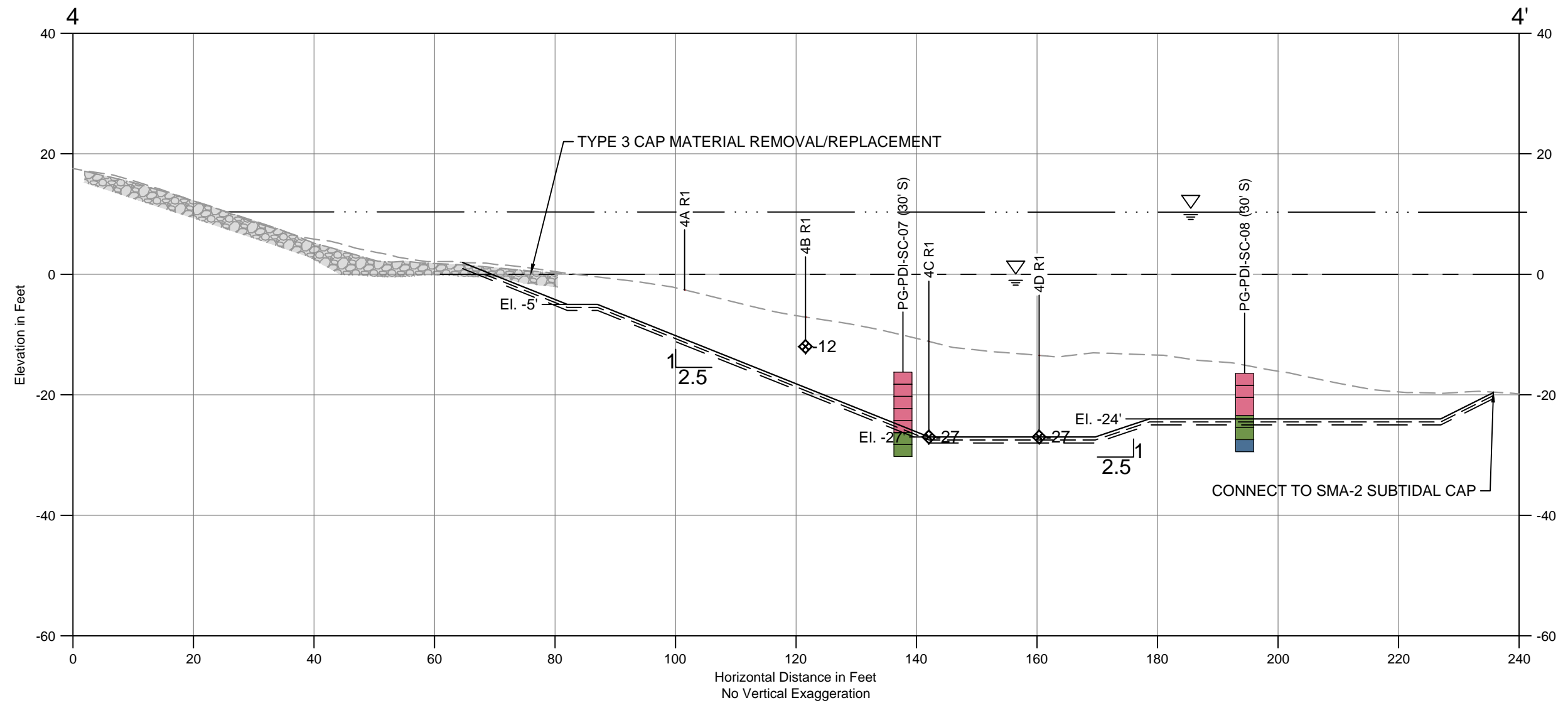
- PG-PDI-SC-01 Existing PDI Core Sample Identification**
- Existing PDI Core Sample Location
  - Sample Interval
- TVS (%)**
- Greater than 15
  - Less than 15
  - Archived Sample
- Scale in Feet

**DRAFT - NOT FOR CONSTRUCTION**



**Figure 4**  
 Transect 3  
 Port Gamble Sediment Remediation





Oct 03, 2016 2:29pm chawett

**SOURCE:** Bathymetry from eTrac, dated January 20, 2016.  
**HORIZONTAL DATUM:** Washington State Plane North, NAD83, U.S. Feet.  
**VERTICAL DATUM:** Mean Lower Low Water (MLLW).

**LEGEND:**

- Existing Grade (from January 20, 2016 and July 27, 2016 Surveys By eTrac And AES)
- Required Dredge Elevation
- - - - 0.5-ft Payable Allowable Overdepth Line
- - - - 1-ft Maximum Allowable Overdepth Line
- Mean Higher High Water Line (Elevation 10.3' MLLW)
- Mean Lower Low Water Line (Elevation 0.0' MLLW)

- Proposed Angular Gravel Backfill
- Contingent Capping
- Subtidal Habitat Layer
- Cap Material Placed In Season 1

**PROBE LEGEND:**

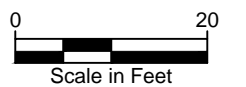
- No Wood Debris Observed
- Contact and Elevation

**PG-PDI-SC-01 Existing PDI Core Sample Identification**

- Existing PDI Core Sample Location
- Sample Interval

**TVS (%)**

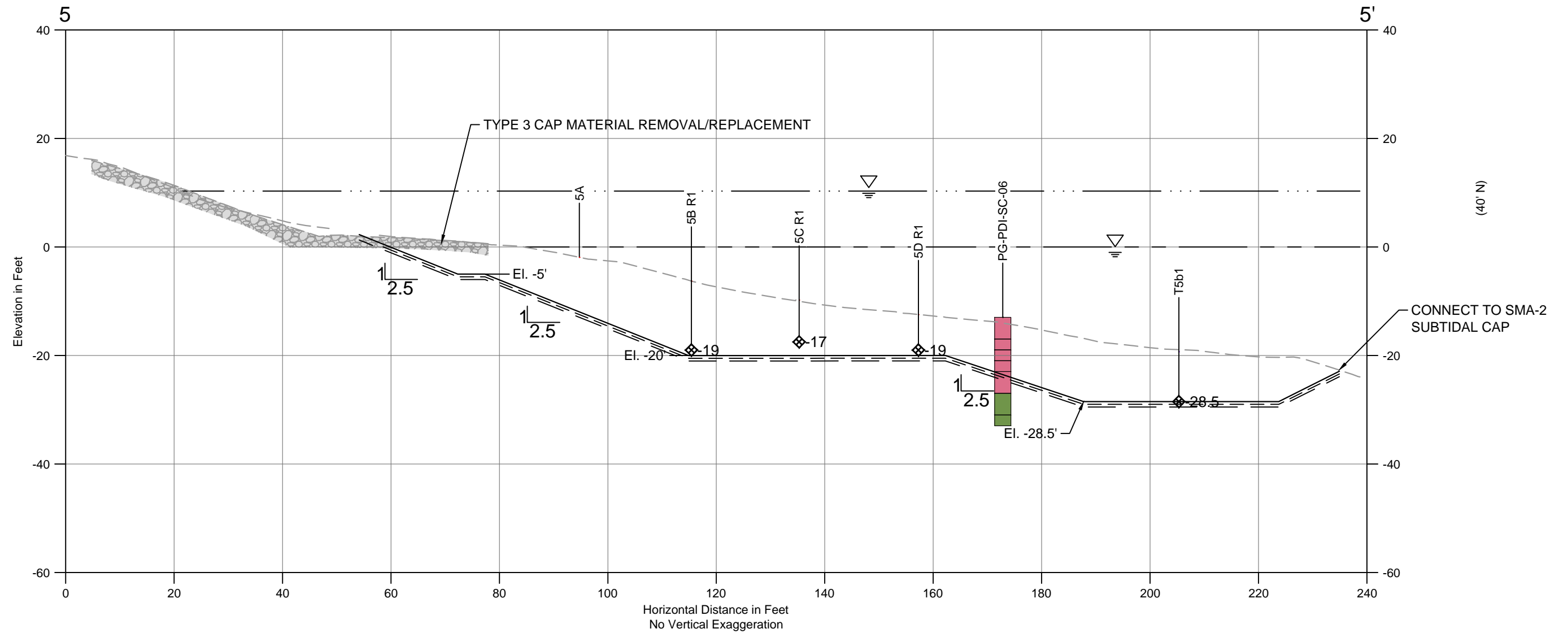
- Greater than 15
- Less than 15
- Archived Sample



**DRAFT - NOT FOR CONSTRUCTION**



**Figure 5**  
 Transect 4  
 Port Gamble Sediment Remediation



**SOURCE:** Bathymetry from eTrac, dated January 20, 2016.  
**HORIZONTAL DATUM:** Washington State Plane North, NAD83, U.S. Feet.  
**VERTICAL DATUM:** Mean Lower Low Water (MLLW).

**LEGEND:**

- Existing Grade (from January 20, 2016 and July 27, 2016 Surveys By eTrac And AES)
- Required Dredge Elevation
- - - - 0.5-ft Payable Allowable Overdepth Line

- - - - 1-ft Maximum Allowable Overdepth Line
- Mean Higher High Water Line (Elevation 10.3' MLLW)
- Mean Lower Low Water Line (Elevation 0.0' MLLW)

- Proposed Angular Gravel Backfill
- Contingent Capping
- Subtidal Habitat Layer
- Cap Material Placed In Season 1

**PROBE LEGEND:**

- No Wood Debris Observed
- Contact and Elevation

**PG-PDI-SC-01 Existing PDI Core Sample Identification**

- Existing PDI Core Sample Location
- Sample Interval

**TVS (%)**

- Greater than 15
- Less than 15
- Archived Sample

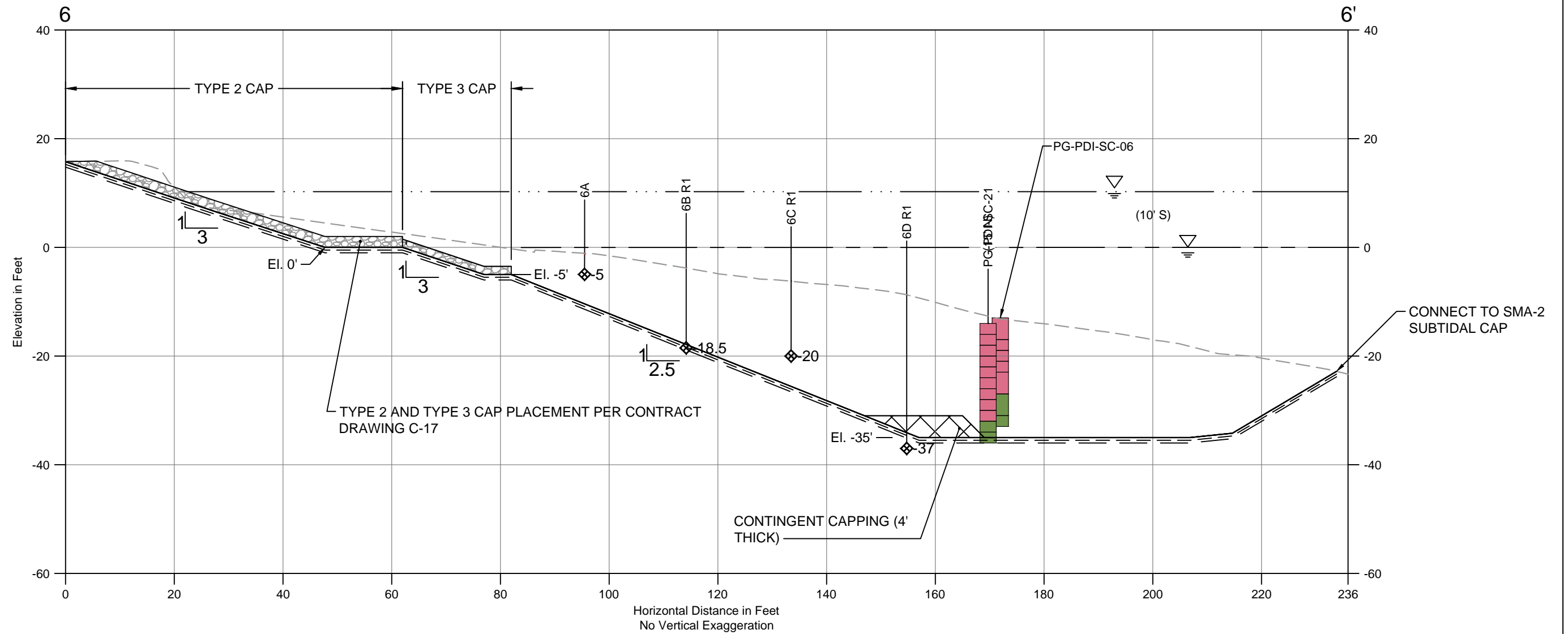


**DRAFT - NOT FOR CONSTRUCTION**



**Figure 6**  
 Transect 5  
 Port Gamble Sediment Remediation





**SOURCE:** Bathymetry from eTrac, dated January 20, 2016.  
**HORIZONTAL DATUM:** Washington State Plane North, NAD83, U.S. Feet.  
**VERTICAL DATUM:** Mean Lower Low Water (MLLW).

**LEGEND:**

- Existing Grade (from January 20, 2016 and July 27, 2016 Surveys By eTrac And AES)
- Required Dredge Elevation
- - - 0.5-ft Payable Allowable Overdepth Line

- - - 1-ft Maximum Allowable Overdepth Line
- Mean Higher High Water Line (Elevation 10.3' MLLW)
- Mean Lower Low Water Line (Elevation 0.0' MLLW)

- Proposed Angular Gravel Backfill
- Contingent Capping
- Subtidal Habitat Layer
- Cap Material Placed In Season 1

**PROBE LEGEND:**

- ⊗ No Wood Debris Observed
- ◆ Contact and Elevation

**PG-PDI-SC-01 Existing PDI Core Sample Identification**

- Existing PDI Core Sample Location
- Sample Interval

**TVS (%)**

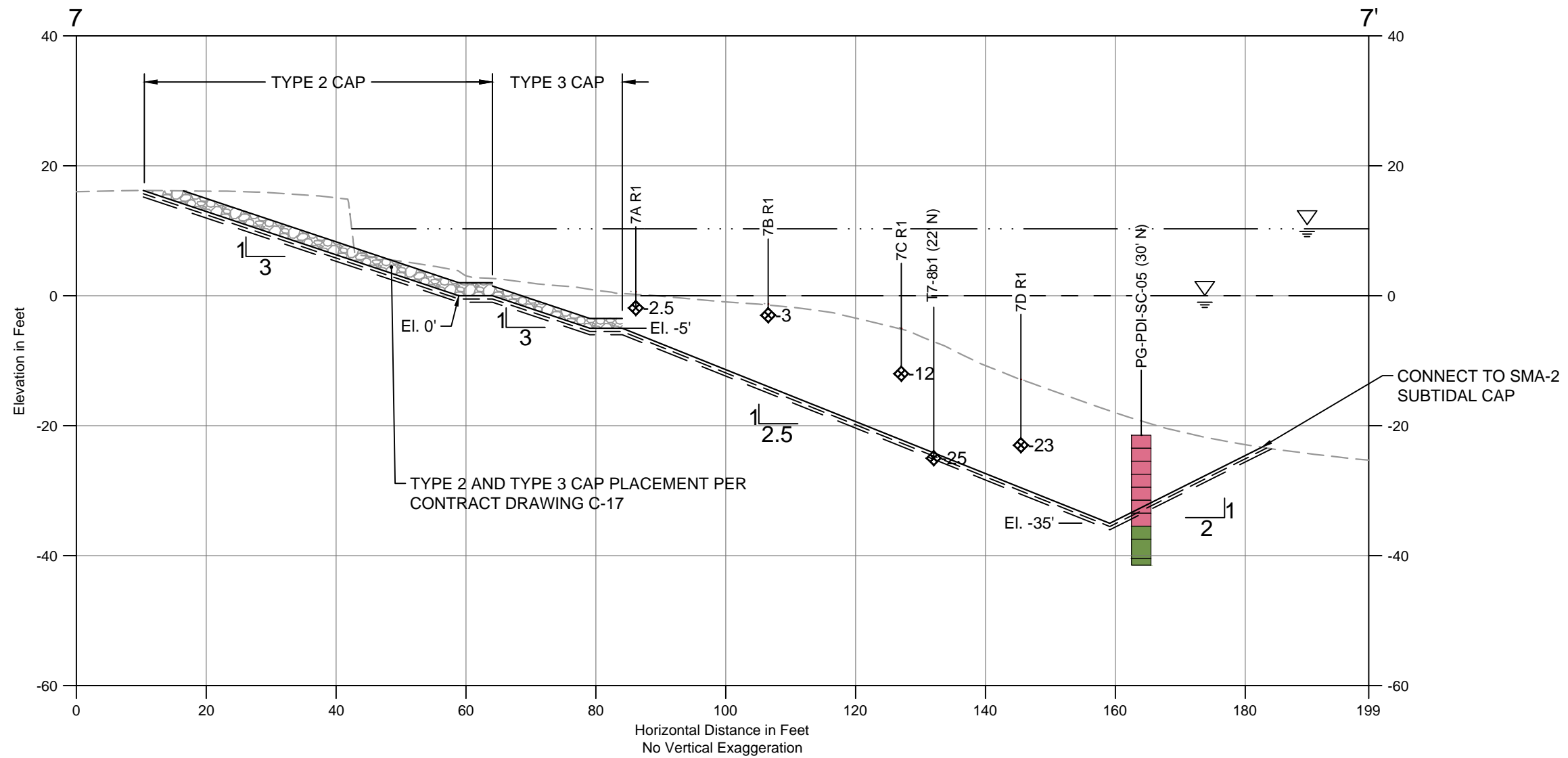
- Greater than 15
- Less than 15
- Archived Sample



**DRAFT - NOT FOR CONSTRUCTION**



**Figure 7**  
 Transect 6  
 Port Gamble Sediment Remediation



**SOURCE:** Bathymetry from eTrac, dated January 20, 2016.  
**HORIZONTAL DATUM:** Washington State Plane North, NAD83, U.S. Feet.  
**VERTICAL DATUM:** Mean Lower Low Water (MLLW).

**LEGEND:**

- Existing Grade (from January 20, 2016 and July 27, 2016 Surveys By eTrac And AES)
- Required Dredge Elevation
- - - - 0.5-ft Payable Allowable Overdepth Line
- - - - 1-ft Maximum Allowable Overdepth Line
- Mean Higher High Water Line (Elevation 10.3' MLLW)
- Mean Lower Low Water Line (Elevation 0.0' MLLW)

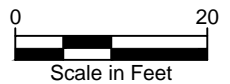
- Proposed Angular Gravel Backfill
- Contingent Capping
- Subtidal Habitat Layer
- Cap Material Placed In Season 1

**PROBE LEGEND:**

- No Wood Debris Observed
- Contact and Elevation

**PG-PDI-SC-01 Existing PDI Core Sample Identification**

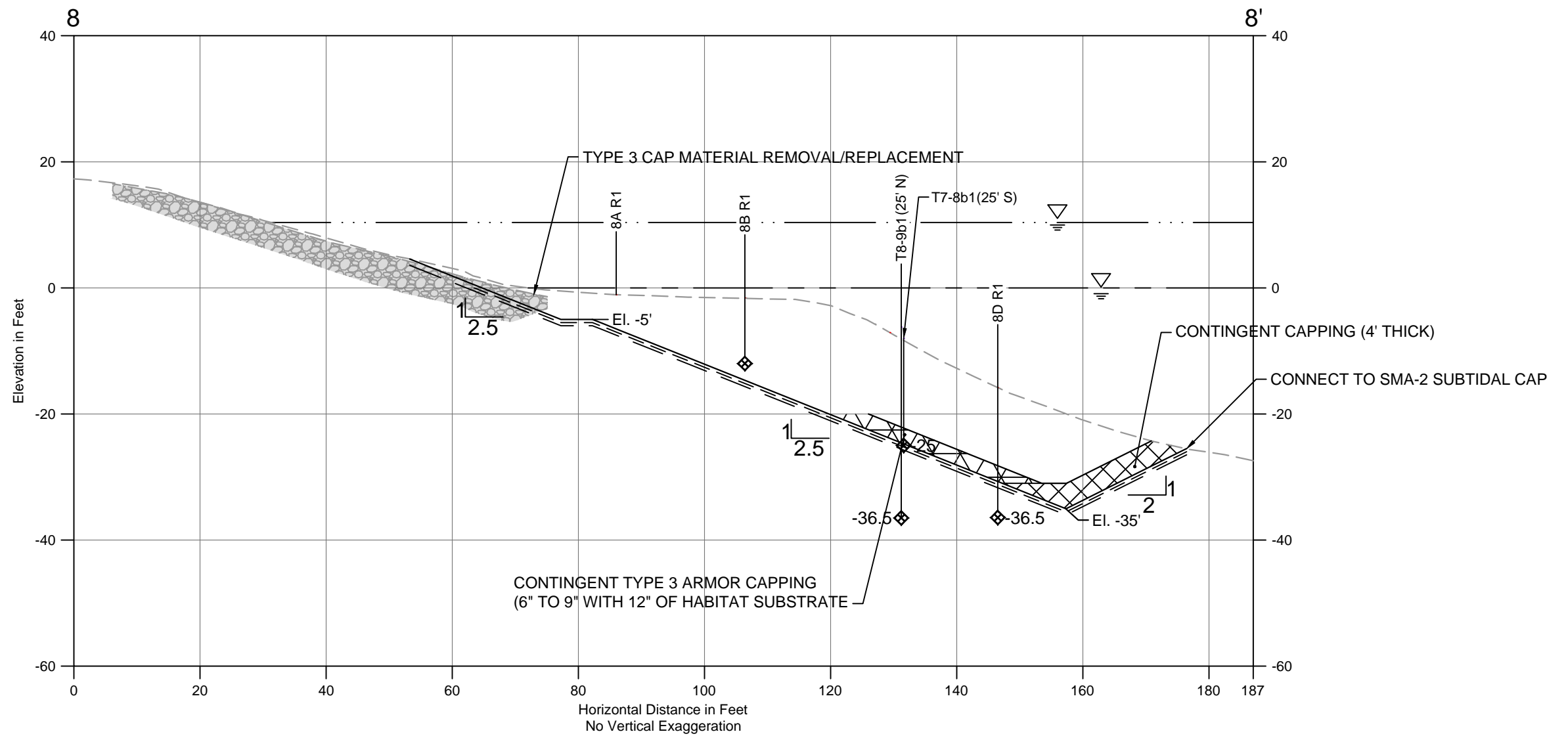
- Existing PDI Core Sample Location
- Sample Interval
- TVS (%)**
- Greater than 15
- Less than 15
- Archived Sample



**DRAFT - NOT FOR CONSTRUCTION**



**Figure 8**  
 Transect 7  
 Port Gamble Sediment Remediation



**SOURCE:** Bathymetry from eTrac, dated January 20, 2016.  
**HORIZONTAL DATUM:** Washington State Plane North, NAD83, U.S. Feet.  
**VERTICAL DATUM:** Mean Lower Low Water (MLLW).

**LEGEND:**

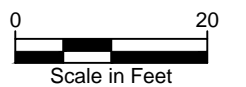
- Existing Grade (from January 20, 2016 and July 27, 2016 Surveys By eTrac And AES)
- Required Dredge Elevation
- 0.5-ft Payable Allowable Overdepth Line

- 1-ft Maximum Allowable Overdepth Line
- Mean Higher High Water Line (Elevation 10.3' MLLW)
- Mean Lower Low Water Line (Elevation 0.0' MLLW)

- Proposed Angular Gravel Backfill
- Contingent Capping
- Subtidal Habitat Layer
- Cap Material Placed In Season 1

**PROBE LEGEND:**

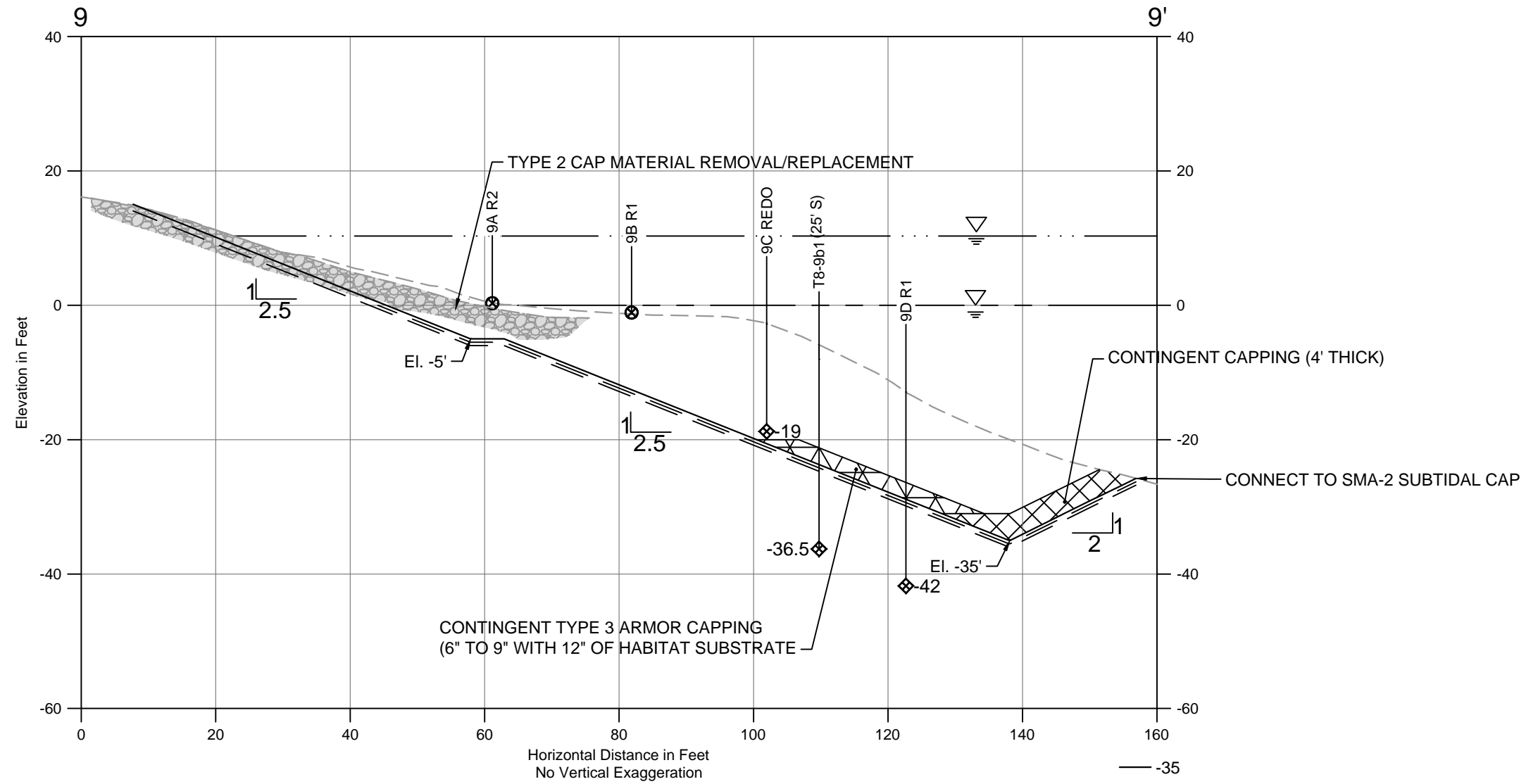
- No Wood Debris Observed
- Contact and Elevation



**DRAFT - NOT FOR CONSTRUCTION**



**Figure 9**  
Transect 8  
Port Gamble Sediment Remediation



**SOURCE:** Bathymetry from eTrac, dated January 20, 2016.  
**HORIZONTAL DATUM:** Washington State Plane North, NAD83, U.S. Feet.  
**VERTICAL DATUM:** Mean Lower Low Water (MLLW).

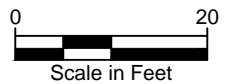
**LEGEND:**

- Existing Grade (from January 20, 2016 and July 27, 2016 Surveys By eTrac And AES)
- Required Dredge Elevation
- - - - 0.5-ft Payable Allowable Overdepth Line
- - - - 1-ft Maximum Allowable Overdepth Line
- Mean Higher High Water Line (Elevation 10.3' MLLW)
- Mean Lower Low Water Line (Elevation 0.0' MLLW)

- Proposed Angular Gravel Backfill
- Contingent Capping
- Subtidal Habitat Layer
- Cap Material Placed In Season 1

**PROBE LEGEND:**

- No Wood Debris Observed
- Contact and Elevation



**DRAFT - NOT FOR CONSTRUCTION**



**Figure 10**  
 Transect 9  
 Port Gamble Sediment Remediation

## Appendix C

# SMA-1 Updated Wave Modeling and Cap Modification Recommendations

---

May 2017  
Port Gamble Bay Cleanup Project

# Appendix C

## SMA-1 Updated Wave Modeling and Cap Modification Recommendations

**Prepared for**  
Pope Resources, LP/OPG Properties, LLC  
19950 Seventh Avenue NE, Suite 200  
Poulsbo, Washington 98370

**Prepared by**  
Anchor QEA, LLC  
720 Olive Way, Suite 1900  
Seattle, Washington 98101

# TABLE OF CONTENTS

1	Overview .....	1
2	Additional Wave Modeling .....	5
3	Armoring Recommendations for Seep Area Repair .....	9
4	References .....	10

## TABLES

Table 1	Additional Model Scenarios .....	5
---------	----------------------------------	---

## FIGURES

Figure 1	Approximate Area of Erosion .....	2
Figure 2	Wave Heights in Feet Predicted by the Model for Run 1 .....	6
Figure 3	Wave Heights in Feet Predicted by the Model for Run 2 .....	7
Figure 4	Wave Heights in Feet Predicted by the Model for Run 3 .....	8

## PHOTOS

Photo 1	Seep Backfilled with Salvaged Armor Rock (August 2016) .....	3
Photo 2	Potential Propwash Scour Area .....	4

## ATTACHMENTS

Attachment A	Conceptual SMA-1 Cap Modifications	
--------------	------------------------------------	--

# 1 Overview

This appendix summarizes additional wave modeling work and associated cap modification recommendations for a portion of the armored slope in Sediment Management Area 1 (SMA-1). This work was conducted in response to erosion damage to the armored slope along SMA-1 due to several potential erosion issues (discussed in more detail below). The erosion issues were originally summarized in the presentation provided in Attachment A, which was developed by Anchor QEA, LLC, and submitted to the Washington State Department of Ecology via email on December 21, 2016.

Figure 1 shows the final dredge and armor design for SMA-1 and highlights the area of concern addressed in this appendix. The following are potential causes, in order of probability and importance, of the damage to the slope in the identified area:

1. A groundwater seep, encountered during bank excavation that was conducted as a requirement of the Port Gamble Bay cleanup project in August (Photo 1; Attachment A)
2. Propeller-induced scour (propwash) from the tugs maneuvering marine equipment and barges during cleanup construction (Photo 2)<sup>1</sup>
3. Potentially greater wave-induced scour due to the removal of pilings at the end of the breakwater

This appendix summarizes additional wave modeling that was conducted to evaluate #3 above. The results of the wave modeling (summarized herein) were used to inform and develop an armoring plan for the shoreline area that was damaged.

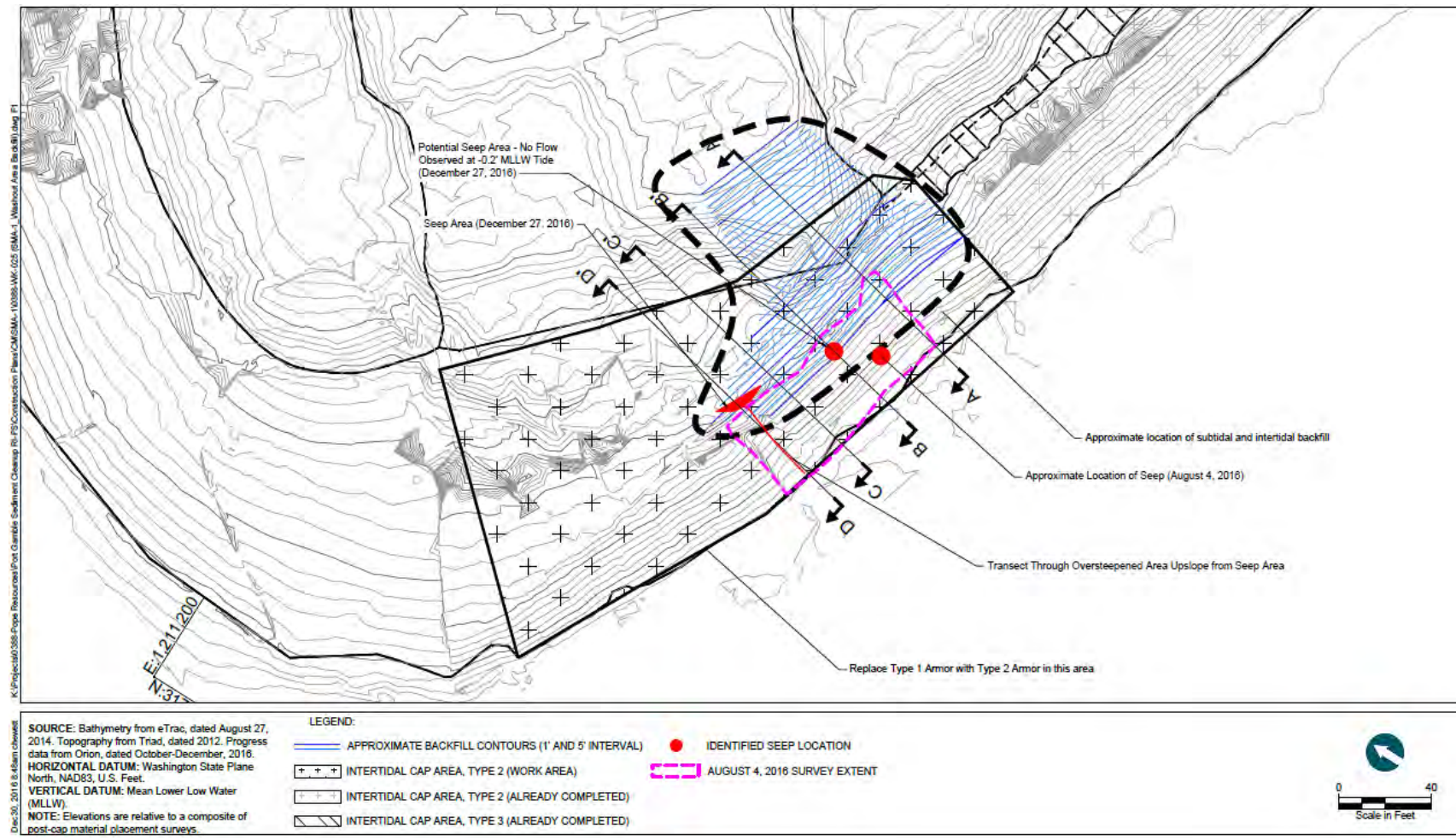
Discussion of issues related to the groundwater seep and propeller induced scour are not explicitly discussed in this appendix, but are documented in Attachment A.

---

<sup>1</sup> It is possible that propwash scour impacted the seep area and exacerbated seepage-induced erosion.



**Figure 1**  
**Approximate Area of Erosion**



**Photo 1**  
**Seep Backfilled with Salvaged Armor Rock (August 2016)**





**Photo 2**  
**Potential Propwash Scour Area**



## 2 Additional Wave Modeling

To evaluate possible wave impacts to the SMA-1 shoreline due to the removal of pilings at the end of the breakwater, additional wave modeling was conducted utilizing the previously developed Delft3D-WAVE Model (Anchor QEA 2015a). The most recent bathymetry and topography were used to update the model to more accurately model wave transformation from deep water into the SMA-1 nearshore area. In addition to updating the bathymetry, the end of the breakwater (the dogleg portion at approximately 90 feet long) was modeled using three different performance assumptions to consider the range of changes in breakwater performance following piling removal. Previous modeling assumed the end of the breakwater would remain fully functioning following construction. The following three performance assumptions for the dogleg were used in the model:

1. Fully functioning (0% of wave energy transmitted through the breakwater end)
2. 50% of wave energy transmitted through the breakwater end
3. Fully removed (100% of wave energy transmitted through the breakwater end, as if it were not there)

Table 1 outlines the model scenarios; modeling results are shown in Figures 2 through 4. Although the model runs for the northwest wind condition (57 miles per hour from 335 degrees) are shown, north wind conditions (49 mph from 0 degrees) were also modeled. The northwest scenarios are shown because they result in stronger waves at the site. As Figures 2 through 4 show, the estimated wave heights at the location of concern could be as high as 2.5 feet under the most conservative assumption for the dogleg (#3 above).

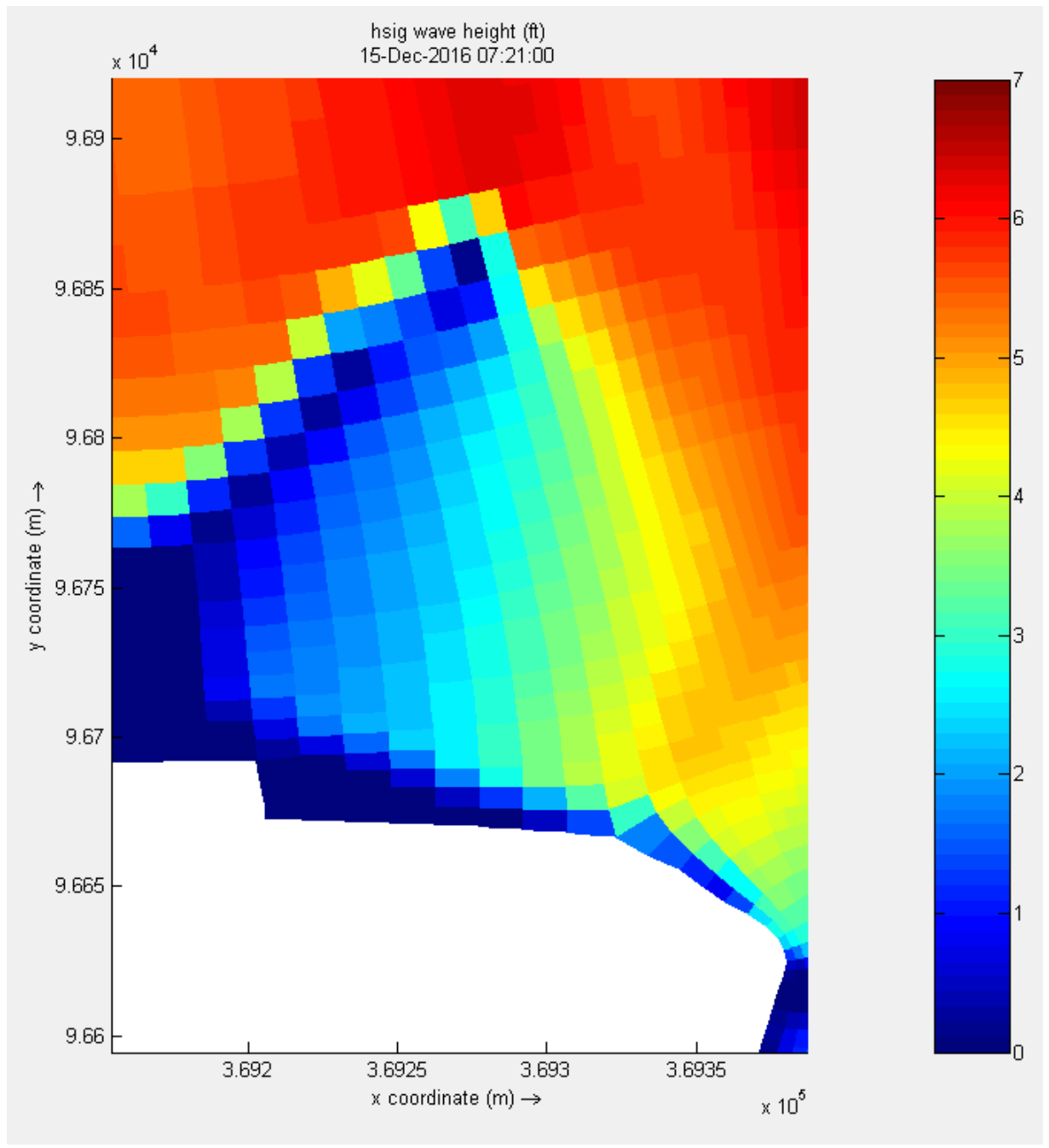
**Table 1**  
**Additional Model Scenarios**

Run Number	Storm Scenario	Breakwater Scenario
1	100-year, MHHW, northwest wind	End of breakwater fully functioning
2	100-year, MHHW, northwest wind	End of breakwater with 50% wave energy transmission
3	100-year, MHHW, northwest wind	End of breakwater fully removed

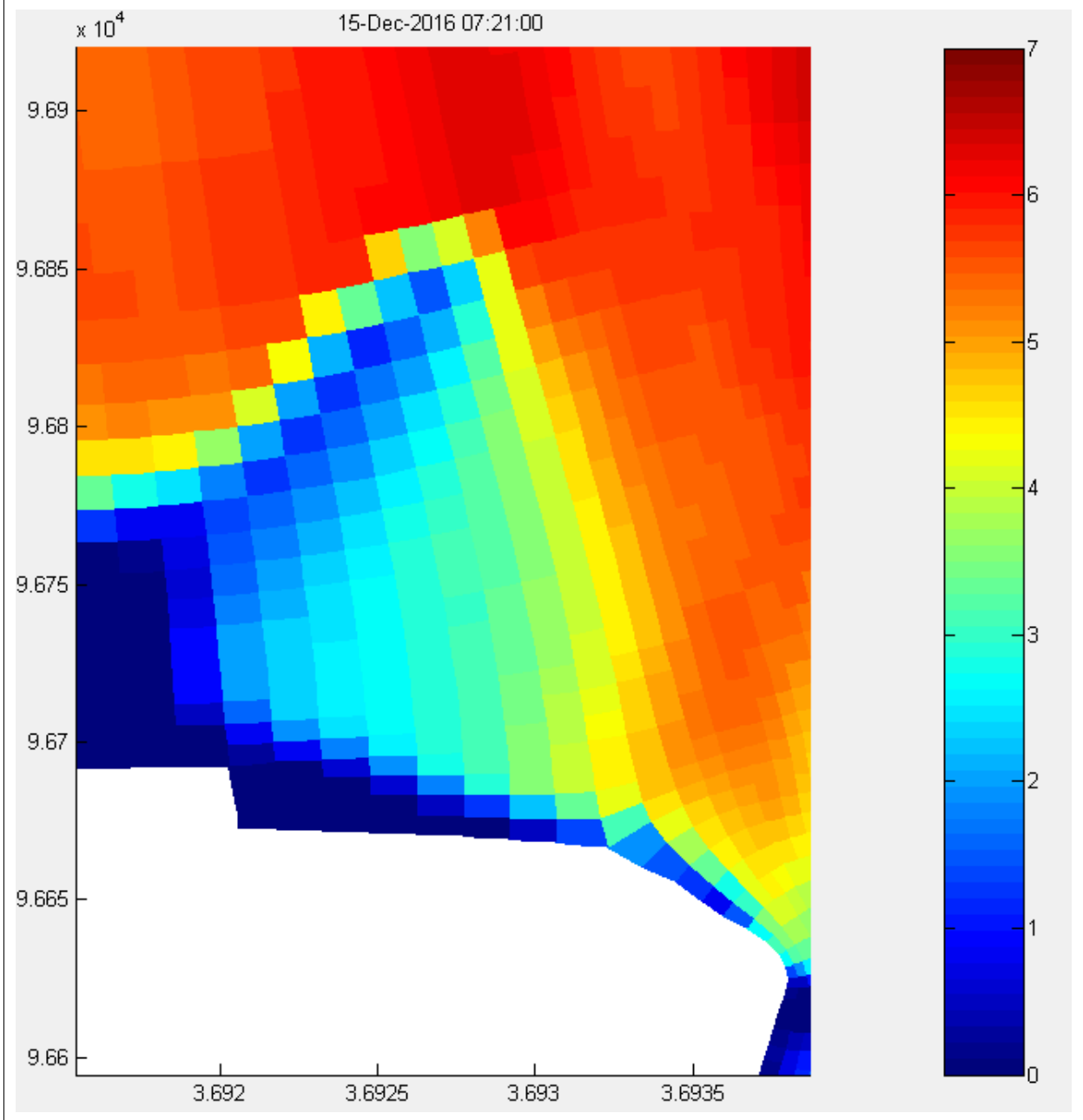
Note:

MHHW: mean higher high water

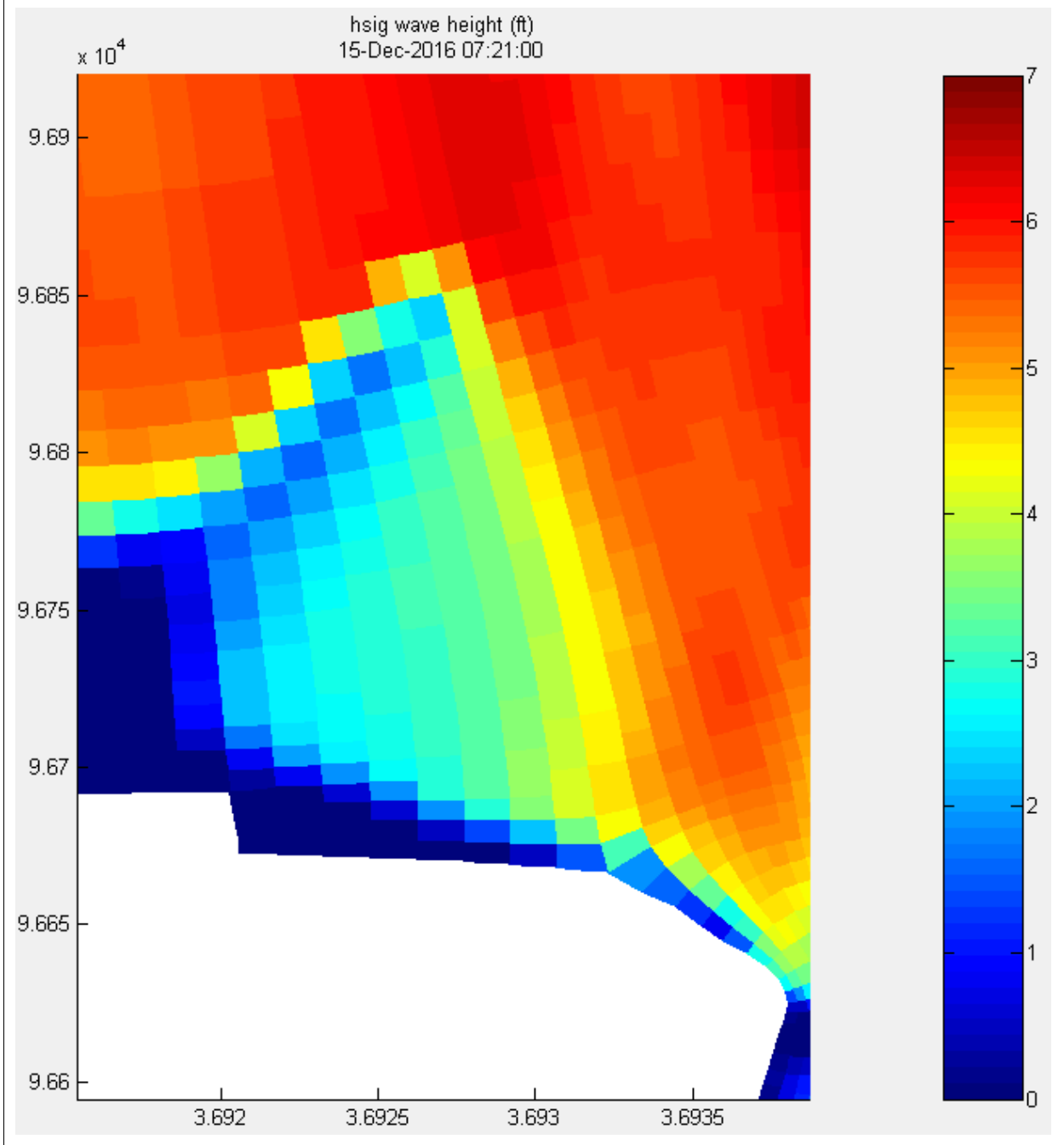
**Figure 2**  
**Wave Heights in Feet Predicted by the Model for Run 1 (see Table 1)**



**Figure 3**  
**Wave Heights in Feet Predicted by the Model for Run 2 (see Table 1)**



**Figure 4**  
**Wave Heights in Feet Predicted by the Model for Run 3 (see Table 1)**



### 3 Armoring Recommendations for Seep Area Repair

The west side of SMA-1 was originally designed to be armored with Type 1 rock (D50 of 1.25 inches). Some of this size armor has eroded and shifted in the transition zone from the east to west shoreline (Figure 1). This erosion could have been caused by a combination of propwash from the dredging operations offshore, groundwater seepage that flows through the shoreline at the location of the damage (Photos 1 and 2; Attachment A), and removal of pilings at the end of the breakwater that reduced its performance along the SMA-1 shoreline compared to the original design modeling assumptions presented in the EDR.

Modeling was performed to evaluate a conservative wave height (approximate 100-year event) in the area of interest, assuming the breakwater does not work as previously assumed. As the additional modeling showed (Figures 2 through 4), the modeled high wave height for the area of interest is approximately 2.5 feet; assuming the end of breakwater is not functioning as effectively as it had prior to piling removal.

Type 2 armor (D50 of 9 inches) was designed for SMA-2 based on a wave height of 2.7 feet (Section 7 of Appendix D of the *Engineering Design Report*; Anchor QEA 2015b). Therefore, Type 2 armor should be sufficient to provide protection for the area of interest in SMA-1.

The additional armor should be placed based on the following criteria:

1. The Type 2 armor should be at least 1.5 feet thick.
2. 3-inch minus angular backfill (D50 of 1.25 inches) should be used as the filter and placed under the Type 2 armor at a thickness of 6 inches to 1 foot.
3. The filter and armor should be placed along the shoreline from the edge of the already constructed Type 2 armored cap, and to the west, terminating at the edge of the subtidal dredge prism.
4. The filter and armor should be placed down to elevation -8 feet mean lower low water (MLLW) to protect from possible wave scour at the toe of slope (USACE 2002).

Figure 1 in this Appendix and Figures 4a and 4d of the main Cleanup Action Report document depict the recommended layout of the additional Type 2 armor and filter material.



## 4 References

Anchor QEA (Anchor QEA, LLC), 2015a. Memorandum to Roma Call, Port Gamble S'Klallam Tribe. Regarding: Wave Modeling in Support of Restoration Design (Part 1). April 2015.

Anchor QEA, 2015b. *Engineering Design Report*. Port Gamble Bay Cleanup Project. May 2015.

Deltares, 2011. *Delft3D-WAVE Simulation of Short-crested waves with SWAN: User Manual*. Version 3.04. May 2011.

USACE (U.S. Army Corps of Engineers), 2002. *Coastal Engineering Manual*. Publication Number EM 1110-2-1100. April 2002.

# Attachment A

## Conceptual SMA-1 Cap Modifications

---

Cleanup Action Report – Season 2

Appendix C



# Port Gamble Bay Cleanup



## Conceptual SMA-1 Cap Modifications

Prepared by

John Laplante

December 21, 2016

# Summary of Issue

- Portion of the SMA-1 intertidal cap has been damaged
- Potential causes and likely solutions
  - Wave action
  - Undermining at toe of 3H:1V slope
- Recommended repairs being evaluated
  - Coastal engineering: revisiting effectiveness of jetty as a “wave shadow”
  - Geotechnical engineering: evaluating how the seep affects the slope; considering potential extent of stability concerns
- Proposed path forward



# Approximate Photo Locations







Damaged Type 1 armor

View looking east in SMA-1

Photo 1



**View looking  
west in SMA-1**

**Damaged Type 1 armor**

**Intact Type 2 armor**

**Photo 2**

