

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102818\
Data File : PQ033806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2018 05:53
Operator : SM\SJ
Sample : J5608-18MS
Misc :
ALS Vial : 106 Sample Multiplier: 1

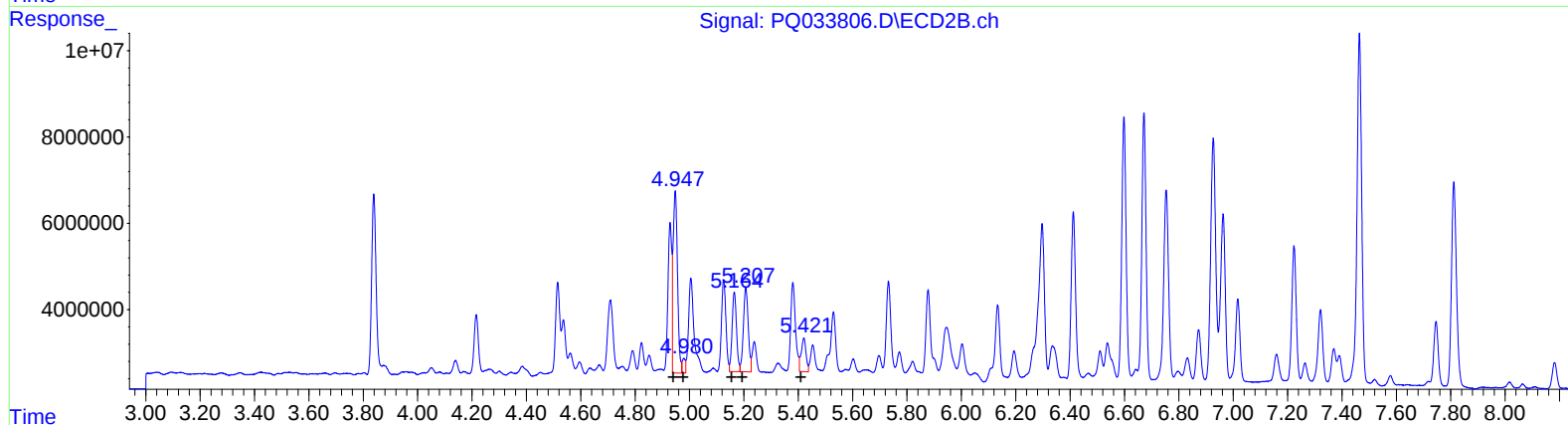
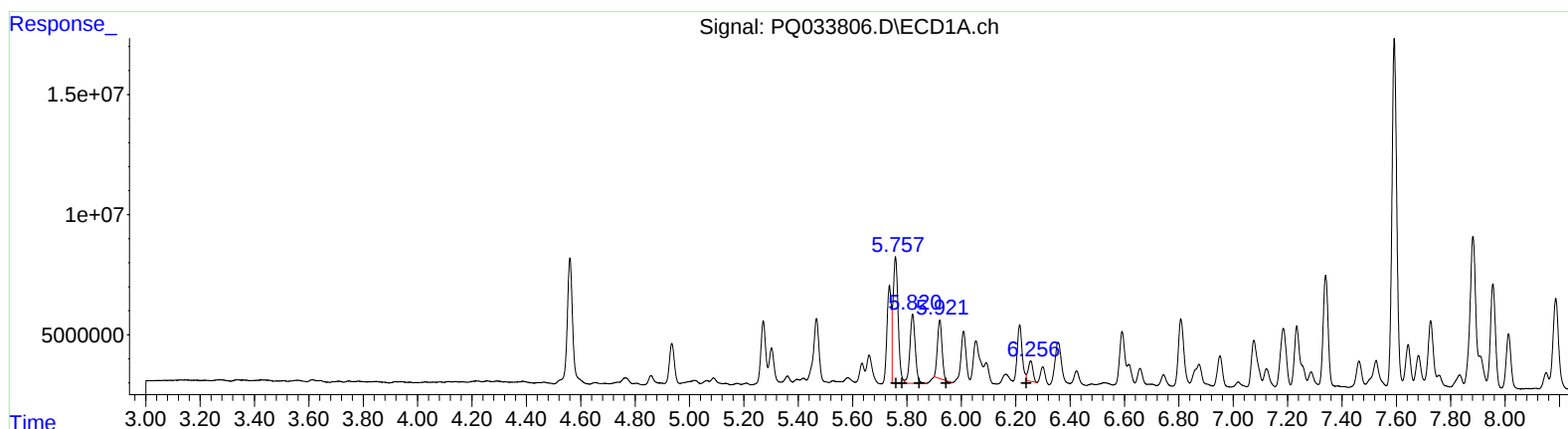
Instrument :
ECD_Q
ClientSampleId :
BE9L5MS

Manual Integrations
APPROVED

Sohil
10/30/2018 9:18:33 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 02:23:56 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(3) AR-1016-1 (L1)

R.T.	Response	Conc
5.76	68593193	985.11
5.76	68593193	665.90
5.82	39170436	625.55
5.92	28227496	558.50
6.26	10314372	200.16

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
4.95	47505893	829.83
4.98	2687207	33.72
5.17	20763241	500.56
5.21	24115332	703.81
5.42	9617953	210.50

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Sample : J5608-18MS
Misc :
ALS Vial : 106 Sample Multiplier: 1

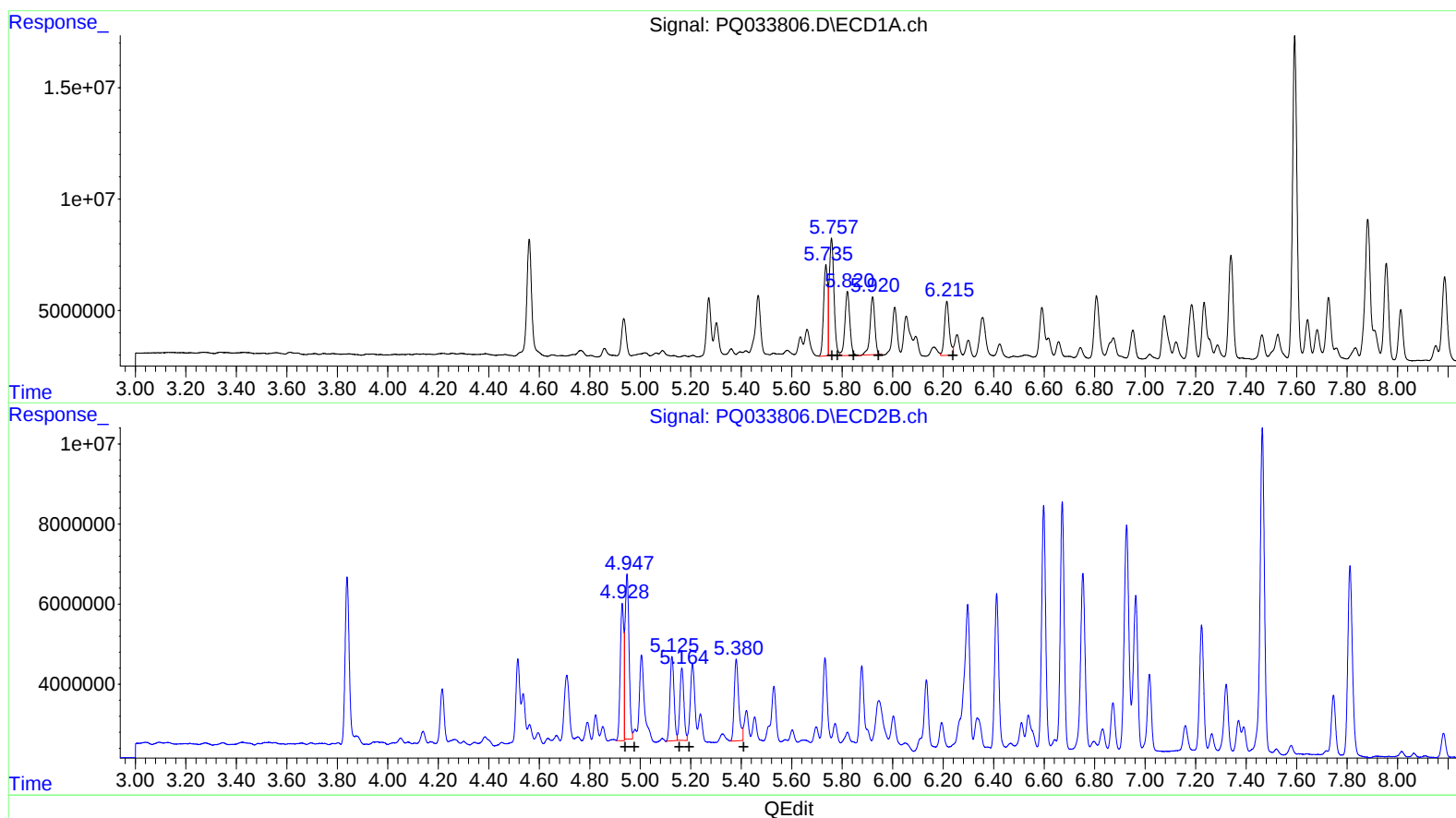
Instrument :
ECD_Q
ClientSampled :
BE9L5MS

Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(3) AR-1016-1 #2 (L1)
R.T. Response Conc
5.74 44971231 645.86
5.76 68593193 665.90
5.82 39170436 625.55
5.92 34142536 675.53
6.21 32183088 624.54

(3) AR-1016-1 #2 (L1)
R.T. Response Conc
4.93 34078939 595.29
4.95 44008527 552.29
5.13 23522856 567.09
5.16 20018546 584.25
5.38 25322239 554.21

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102818\
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Acq On : 28 Oct 2018 05:53
Operator : SM\SJ
Sample : J5608-18MS
Misc :
ALS Vial : 106 Sample Multiplier: 1

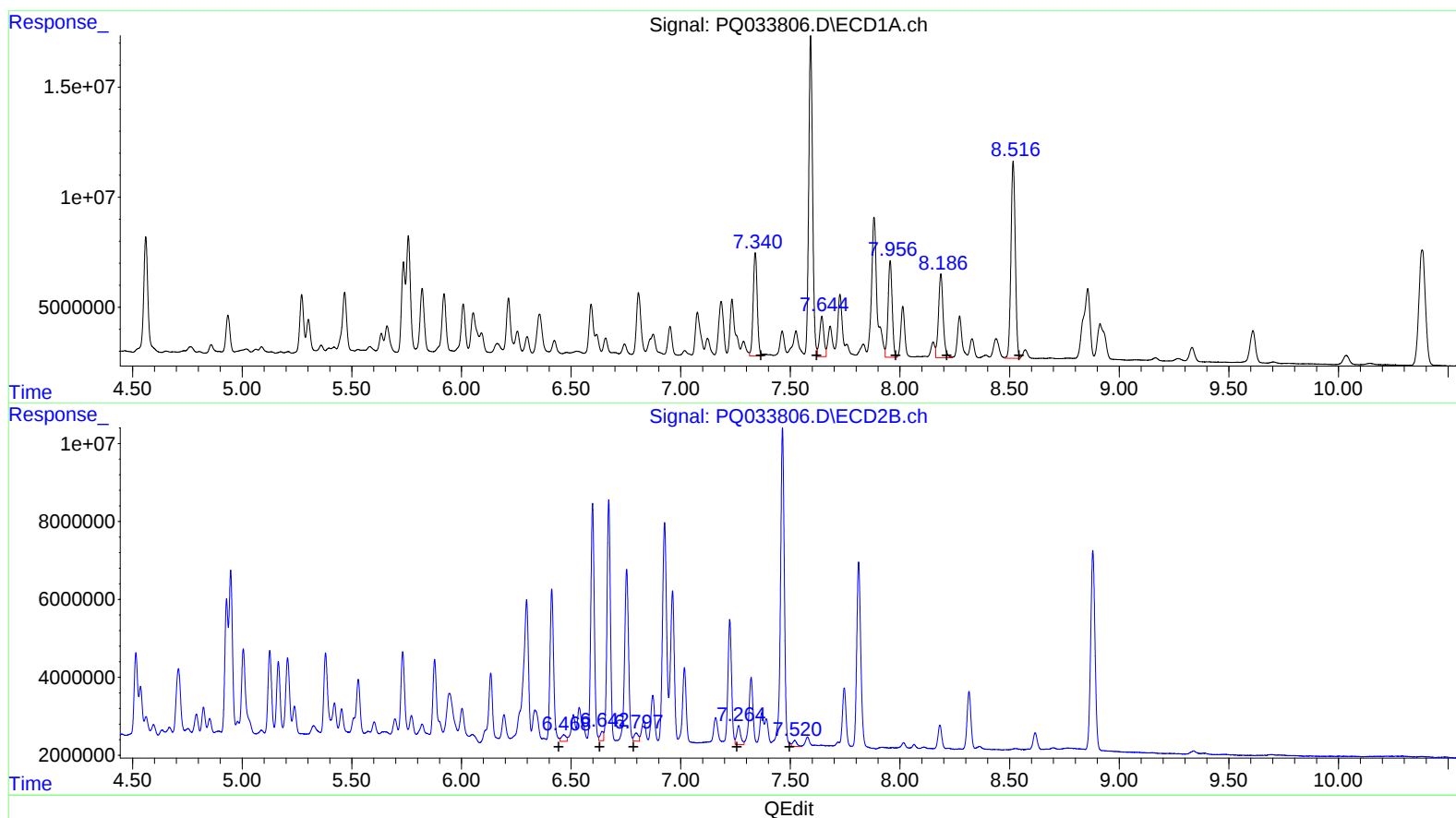
Instrument :
ECD_Q
ClientSampleId :
BE9L5MS

Manual Integrations
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Quant Title : GC EXTRACTABLES
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Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(31) AR-1260-1 (L7)
R.T. Response Conc
7.34 61101074 571.27
7.64 24440290 193.55
7.96 57525698 738.54
8.19 56495987 558.11
8.52 123569818 654.41

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
6.47 2463905 26.23
6.64 2427789 20.84
6.80 2807189 26.03
7.26 6226520 81.00
7.52 2023321 10.53

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102818\
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Acq On : 28 Oct 2018 05:53
Operator : SM\SJ
Sample : J5608-18MS
Misc :
ALS Vial : 106 Sample Multiplier: 1

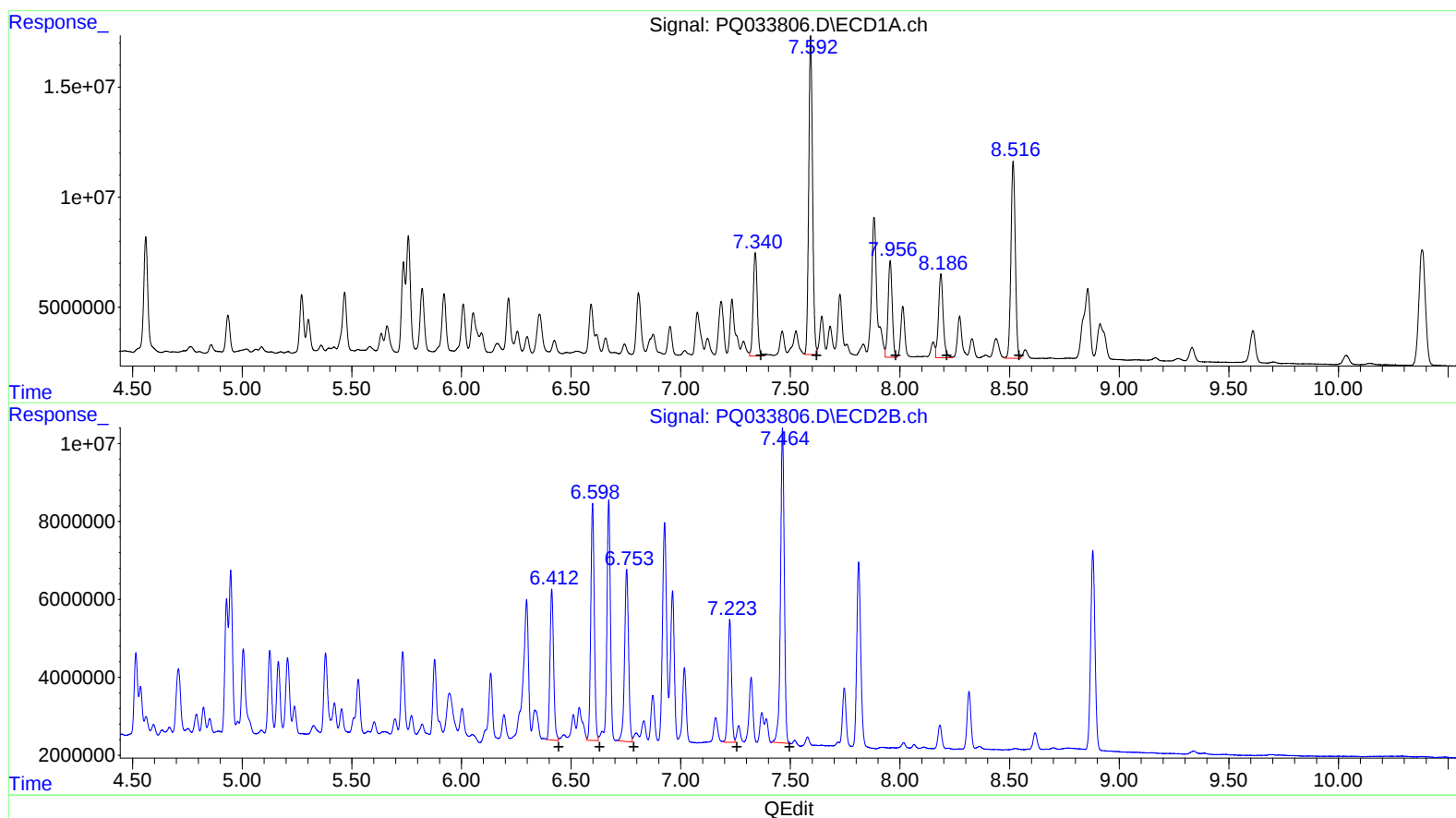
Instrument :
ECD_Q
ClientSampleId :
BE9L5MS

Manual Integrations
APPROVED

Sohil
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Integration File signal 1: autoint1.e
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QLast Update : Wed Oct 10 08:14:42 2018
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Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(31) AR-1260-1 #2 (L7)
R.T. Response Conc
7.34 61101074 571.27
7.59 177143034 1402.83
7.96 57525698 738.54
8.19 56495987 558.11
8.52 123569818 654.41

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
6.41 43924134 467.66
6.60 67723779 581.27
6.75 55693561 516.43
7.22 35608973 463.24
7.46 96768043 503.69

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Operator : SM\SJ
Sample : J5608-18MS
Misc :
ALS Vial : 106 Sample Multiplier: 1

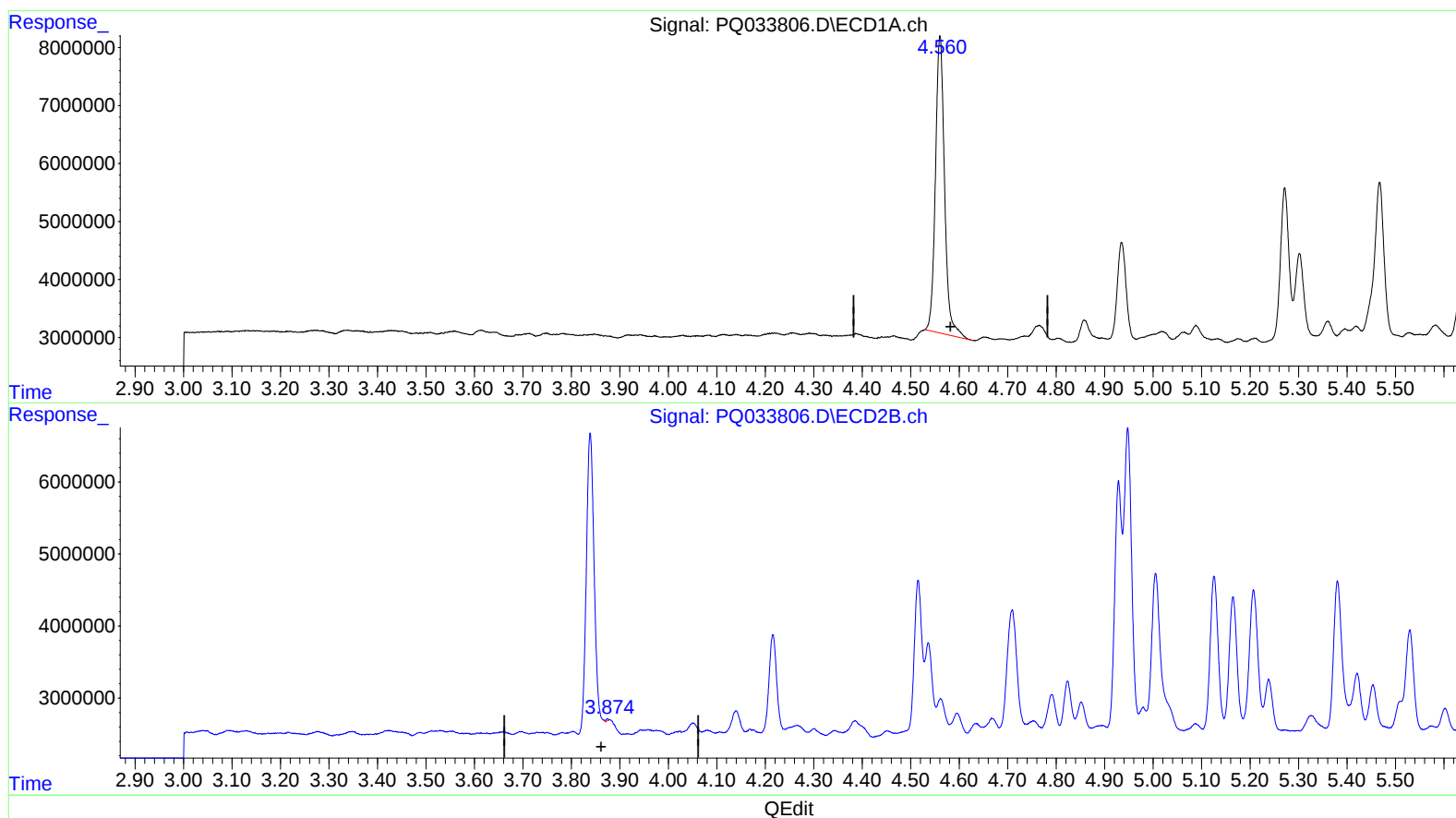
Instrument :
ECD_Q
ClientSampleId :
BE9L5MS

Manual Integrations
APPROVED

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Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(1) Tetrachloro-m-xylene (SA)

4.560min 32.679 ng/ml

response 67039371

(1) Tetrachloro-m-xylene #2 (SA)

3.874min 0.067 ng/ml

response 104174

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102818\
Data File : PQ033806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2018 05:53
Operator : SM\SJ
Sample : J5608-18MS
Misc :
ALS Vial : 106 Sample Multiplier: 1

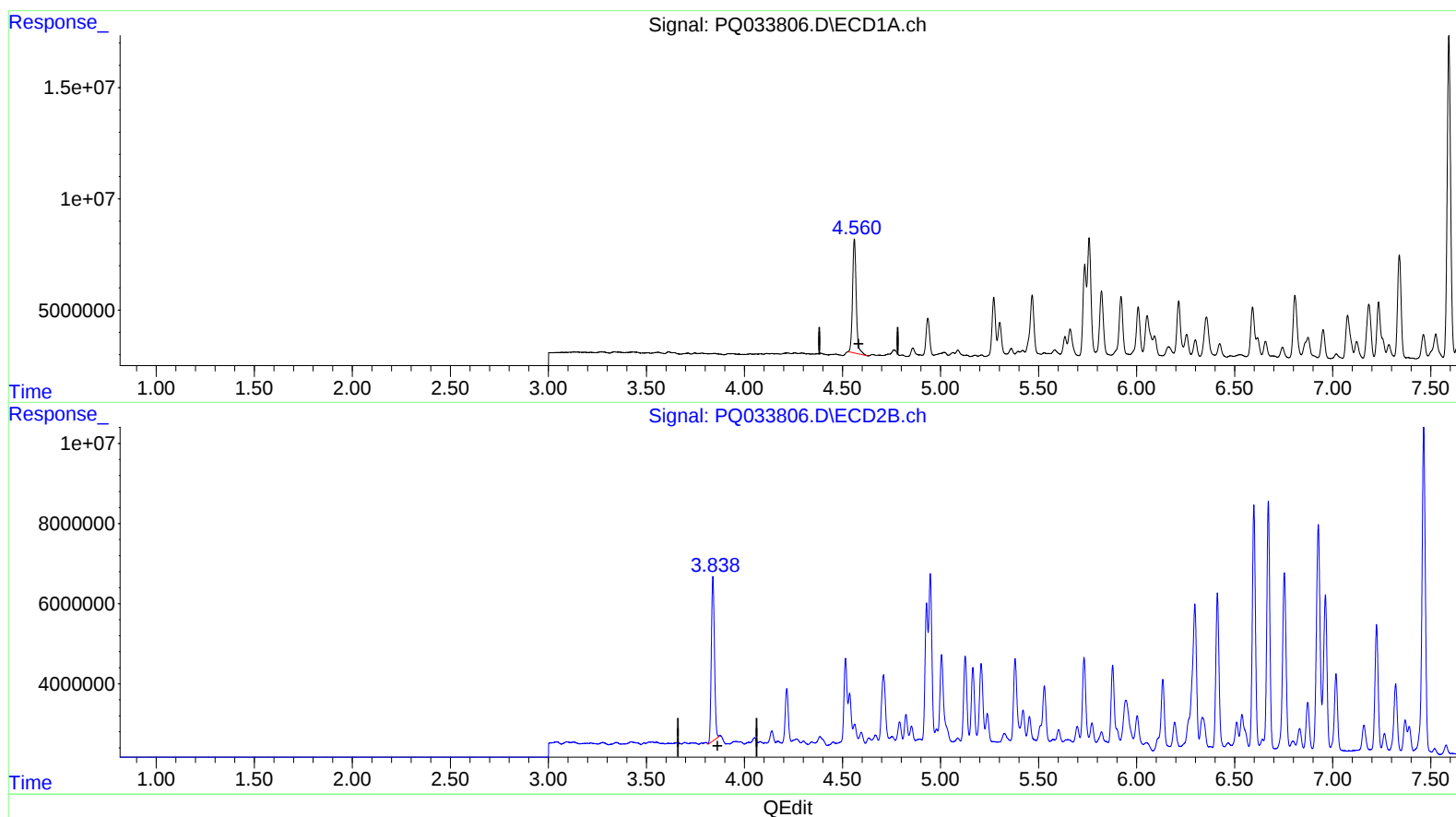
Instrument :
ECD_Q
ClientSampleId :
BE9L5MS

Manual Integrations
APPROVED

Sohil
10/30/2018 9:18:33 AM

Integration File signal 1: autoint1.e
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QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(1) Tetrachloro-m-xylene (SA)

4.560min 32.679 ng/ml

response 67039371

(1) Tetrachloro-m-xylene #2 (SA)

3.838min 29.219 ng/ml m

response 45445525

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102818\
Data File : PQ033806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2018 05:53
Operator : SM\SJ
Sample : J5608-18MS
Misc :
ALS Vial : 106 Sample Multiplier: 1

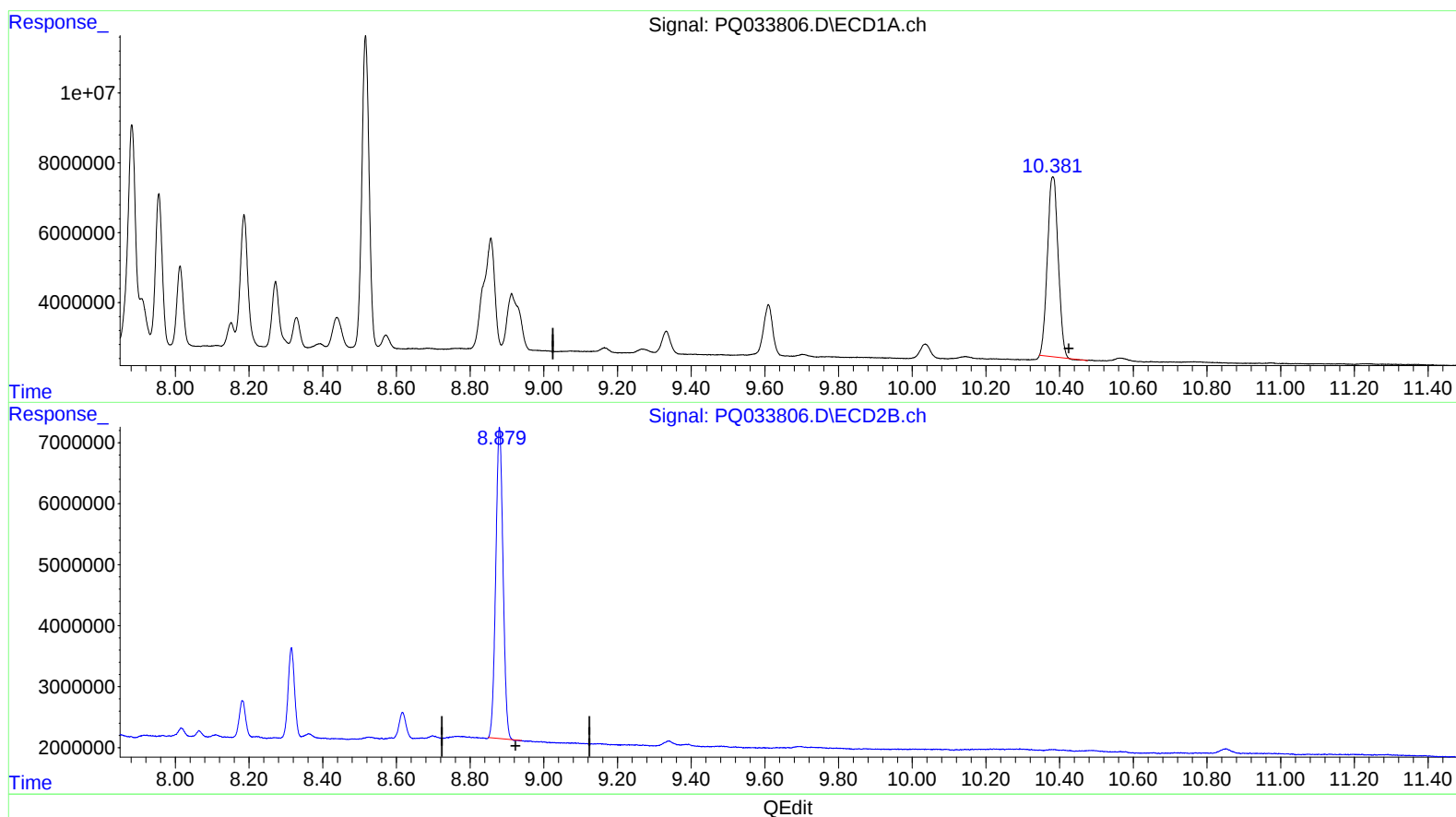
Instrument :
ECD_Q
ClientSampleId :
BE9L5MS

Manual Integrations
APPROVED

Sohil
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Integration File signal 1: autoint1.e
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Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(2) Decachlorobiphenyl (SA)

10.382min 55.244 ng/ml

response 104427898

(2) Decachlorobiphenyl #2 (SA)

8.880min 43.290 ng/ml

response 69590835

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102818\
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Operator : SM\SJ
Sample : J5608-18MS
Misc :
ALS Vial : 106 Sample Multiplier: 1

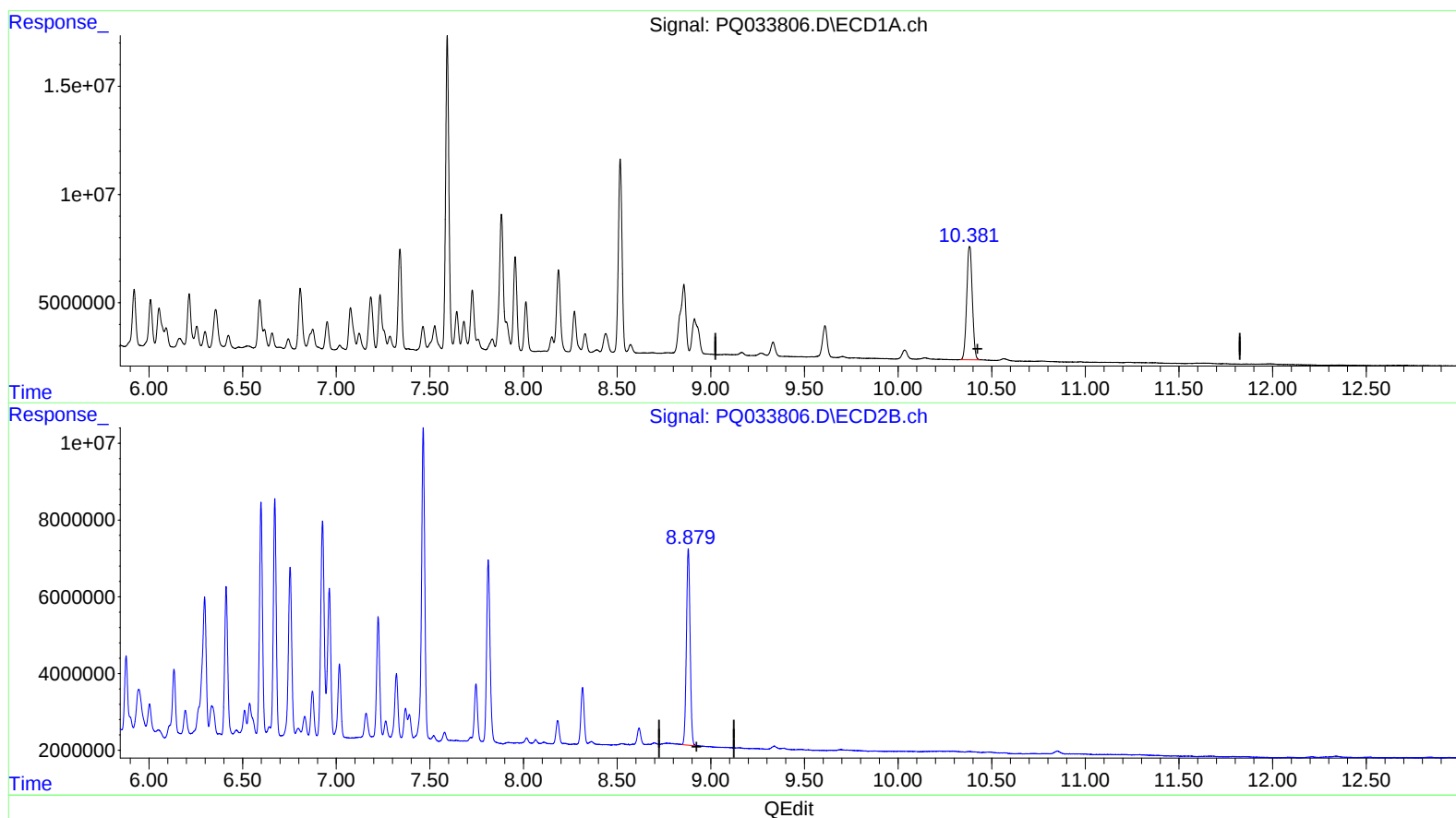
Instrument :
ECD_Q
ClientSampleId :
BE9L5MS

Manual Integrations
APPROVED

Sohil
10/30/2018 9:18:33 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(2) Decachlorobiphenyl (SA)

10.381min 57.609 ng/ml m

response 108897585

(2) Decachlorobiphenyl #2 (SA)

8.879min 43.797 ng/ml m

response 70406259

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102818\
Data File : PQ033806.D
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Operator : SM\SJ
Sample : J5608-18MS
Misc :
ALS Vial : 106 Sample Multiplier: 1

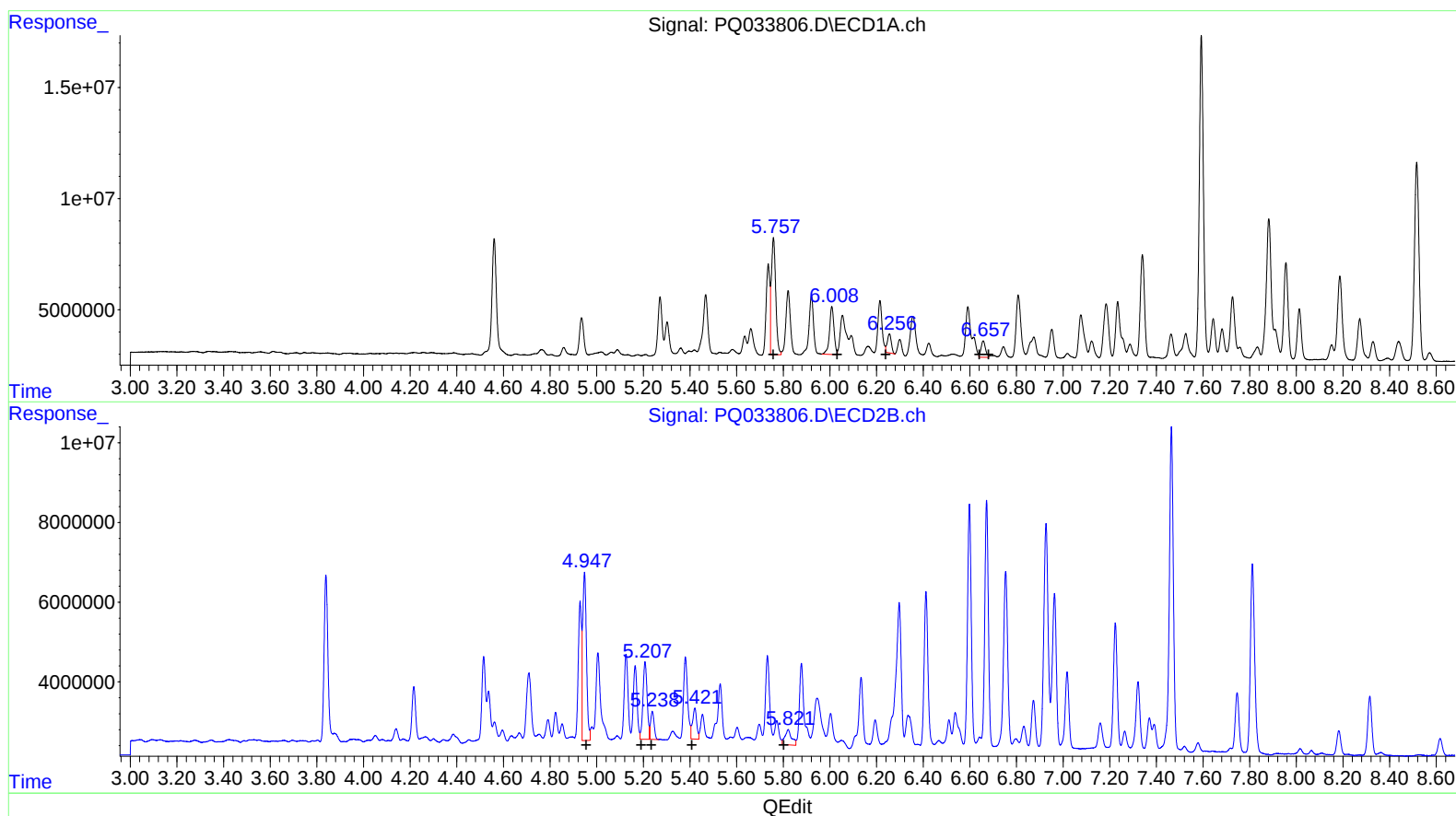
Instrument :
ECD_Q
ClientSampleId :
BE9L5MS

Manual Integrations
APPROVED

Sohil
10/30/2018 9:18:33 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : GC EXTRACTABLES
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Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(21) AR-1248-1 (L5)
R.T. Response Conc
5.76 68593193 1382.85
6.01 28931261 393.34
6.26 10314372 126.21
6.66 9860291 105.26
6.66 9860291 111.03

(21) AR-1248-1 #2 (L5)
R.T. Response Conc
4.95 47505893 1159.25
5.21 24115332 438.94
5.24 7440492 132.86
5.42 9617953 139.45
5.82 7683018 111.14

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102818\
Data File : PQ033806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2018 05:53
Operator : SM\SJ
Sample : J5608-18MS
Misc :
ALS Vial : 106 Sample Multiplier: 1

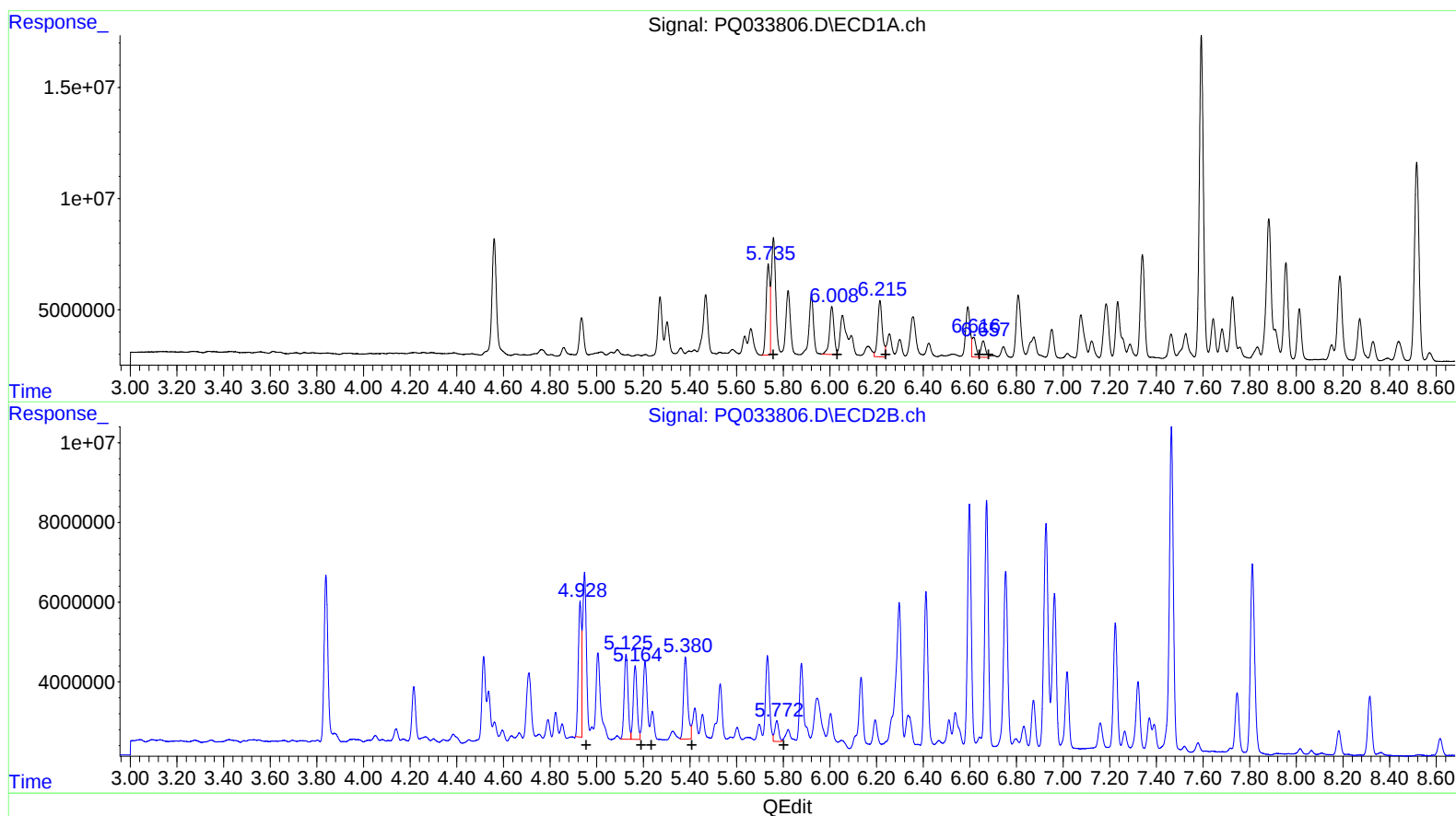
Instrument :
ECD_Q
ClientSampleId :
BE9L5MS

Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(21) AR-1248-1 #2 (L5)
R.T. Response Conc
5.74 46355381 934.53
6.01 28931261 393.34
6.21 34786816 425.66
6.62 10764219 114.91
6.66 9860291 111.03

(21) AR-1248-1 #2 (L5)
R.T. Response Conc
4.93 32929210 803.55
5.13 24216747 440.79
5.16 20968468 374.42
5.38 25596542 371.13
5.77 6144593 88.89

Quantitation Report (QT Reviewed)

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 ALS Vial : 106 Sample Multiplier: 1

Instrument :
 ECD_Q
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Manual Integrations
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 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.560	3.838	67039371	45445525	32.679	29.219m)
2) SA Decachlor...	10.381	8.879	108.9E6	70406259	57.609m)	43.797m)
Target Compounds						
3) L1 AR-1016-1	5.735	4.928	44971231	34078939	645.862m)	595.288m)
4) L1 AR-1016-2	5.758	4.947	68593193	44008527	665.901	552.290m)
5) L1 AR-1016-3	5.821	5.125	39170436	23522856	625.554	567.086m)
6) L1 AR-1016-4	5.920	5.164	34142536	20018546	675.533m)	584.247m)
7) L1 AR-1016-5	6.215	5.380	32183088	25322239	624.539m)	554.207m)
21) L5 AR-1248-1	5.735	4.928	46355381	32929210	934.533m)	803.547m)
22) L5 AR-1248-2	6.008	5.125	28931261	24216747	393.343	440.790m)
23) L5 AR-1248-3	6.215	5.164	34786816	20968468	425.660m)	374.420m)
24) L5 AR-1248-4	6.616	5.380	10764219	25596542	114.915m)	371.132m#)
25) L5 AR-1248-5	6.658	5.771	9860291	6144593	111.029	88.887m)
31) L7 AR-1260-1	7.340	6.412	61101074	43924134	571.268	467.655m)
32) L7 AR-1260-2	7.592	6.598	177.1E6	67723779	1402.831m)	581.268m#)
33) L7 AR-1260-3	7.955	6.753	57525698	55693561	738.535	516.433m#)
34) L7 AR-1260-4	8.187	7.223	56495987	35608973	558.110	463.240m)
35) L7 AR-1260-5	8.516	7.464	123.6E6	96768043	654.406	503.691m)

SJ10/30/18

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.