

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112318\
Data File : PQ034937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2018 01:14
Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

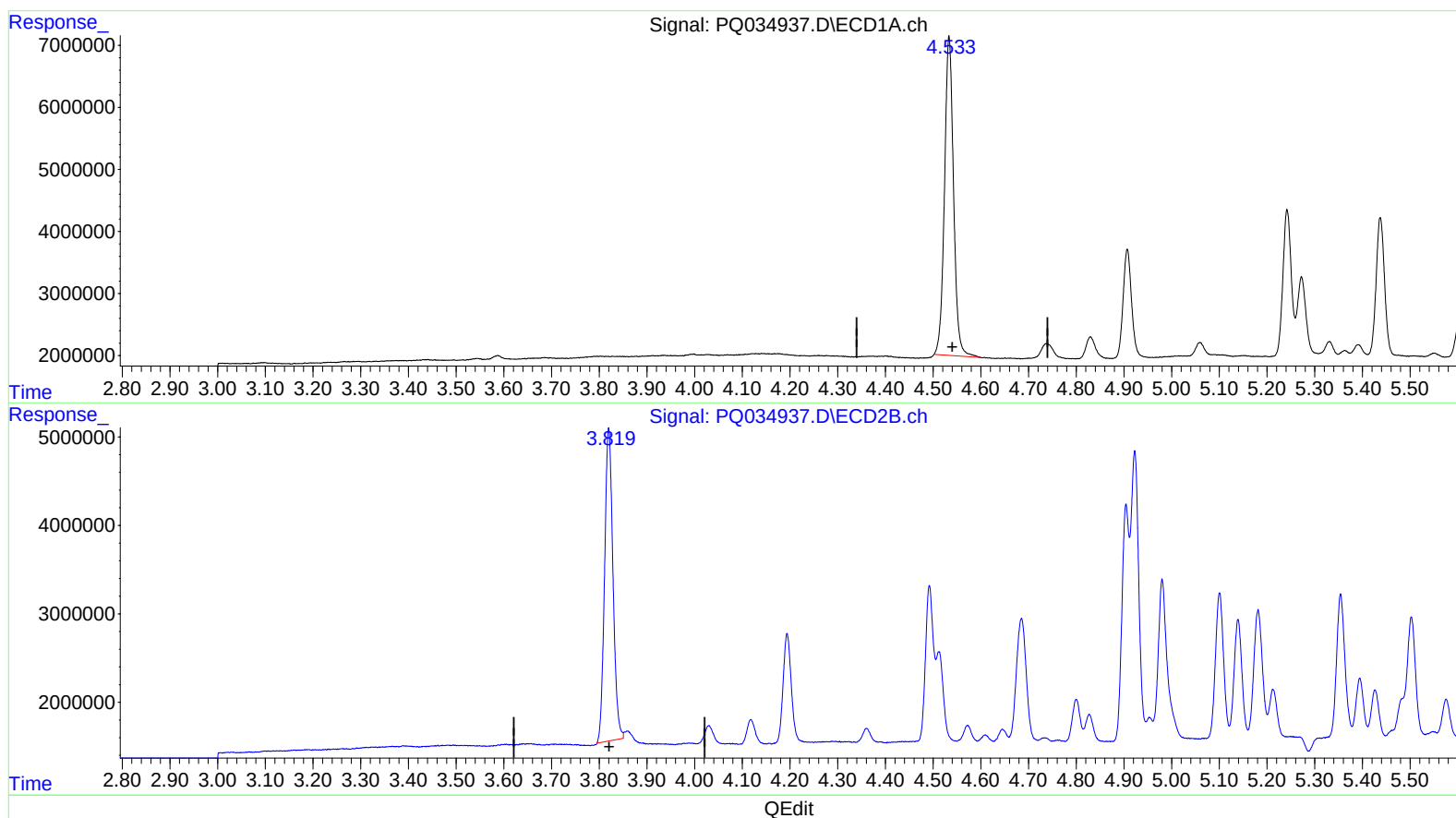
Instrument :
ECD_Q
LabSampleId :
AR1660311

Manual Integrations
APPROVED

MOHAMMAD
11/26/2018 2:02:17 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 02:28:21 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111718CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 16 03:52:57 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)

4.533min 24.588 ng/ml

response 67725047

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

3.820min 25.396 ng/ml

response 43046062

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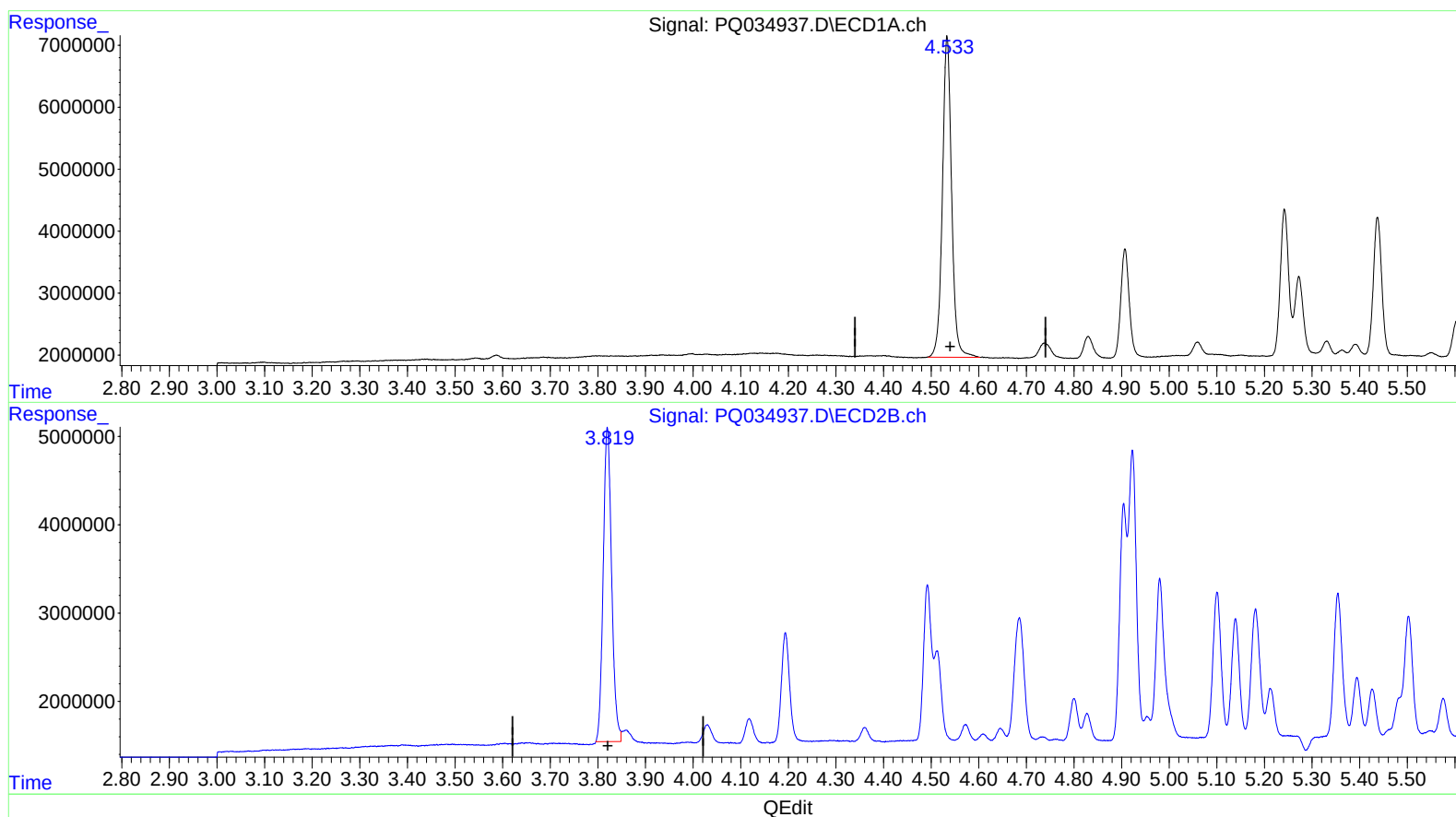
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(1) Tetrachloro-m-xylene (SA)

4.533min 25.236 ng/ml m

response 69511113

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

3.819min 25.701 ng/ml m

response 43562795

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ALS Vial : 3 Sample Multiplier: 1

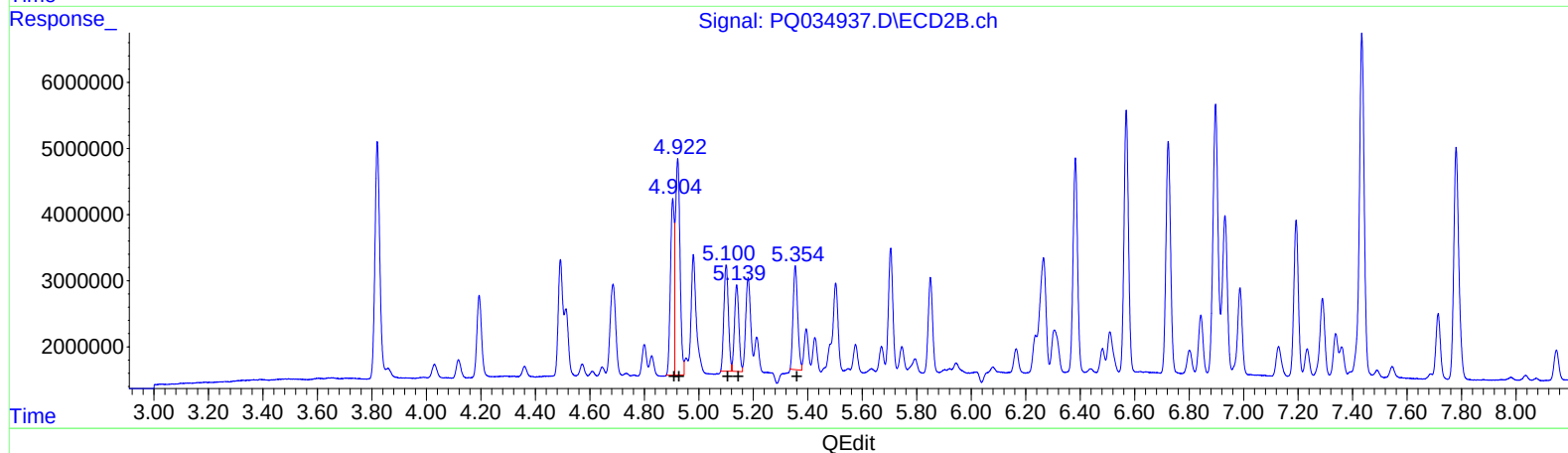
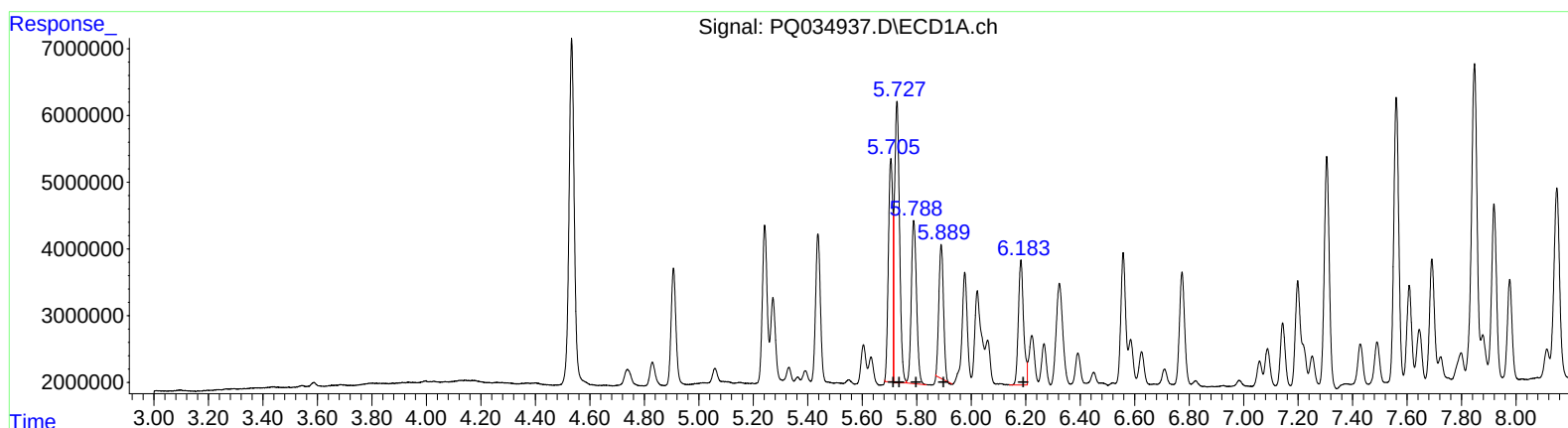
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(3) AR-1016-1 (L1)
R.T. Response Conc
5.71 37587664 401.17
5.73 54030681 392.46
5.79 32620229 394.92
5.89 23648853 349.26
6.18 24870429 361.56

(3) AR-1016-1 #2 (L1)
R.T. Response Conc
4.90 26437069 402.44
4.92 38087062 408.62
5.10 18427372 377.90
5.14 14786163 377.34
5.35 18413420 355.23

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Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

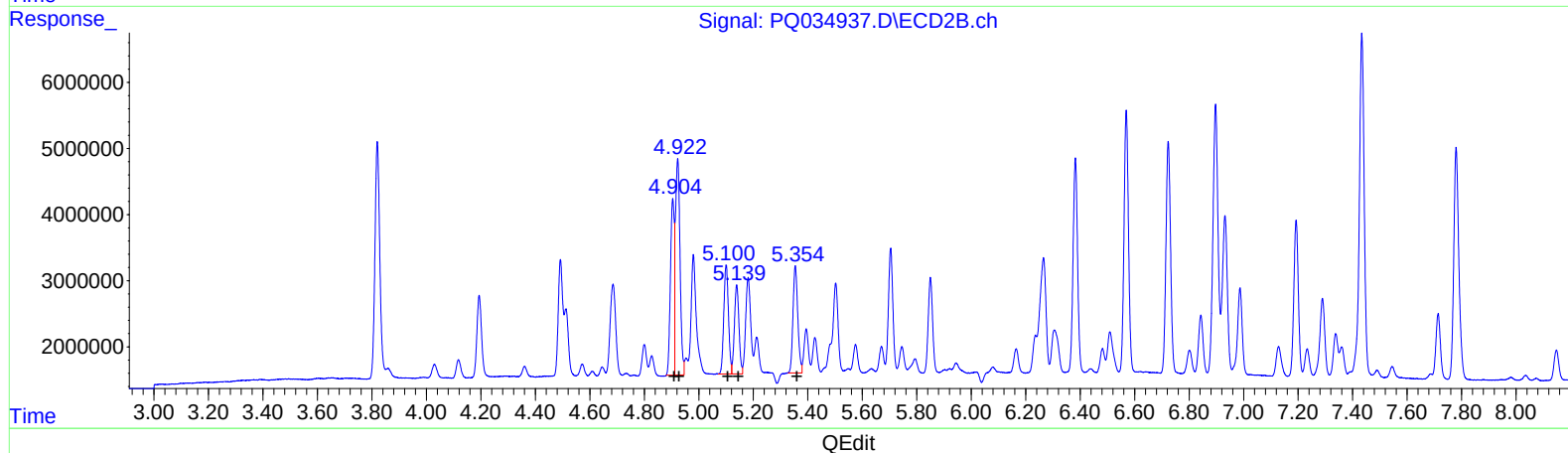
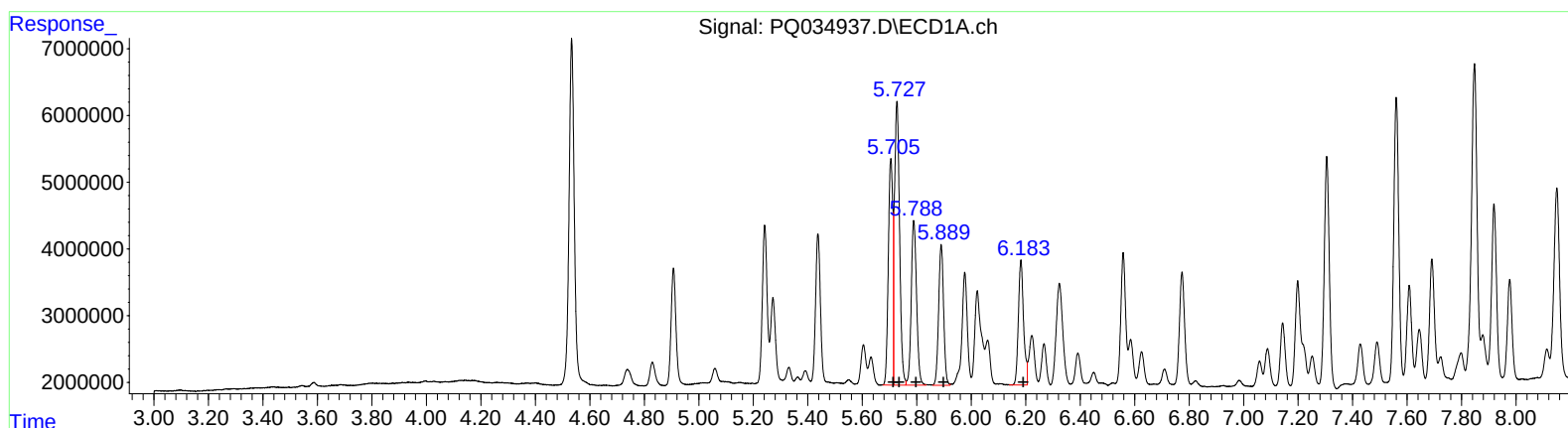
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(3) AR-1016-1 (L1)

R.T.	Response	Conc
5.71	39846553	425.28
5.73	53559069	389.03
5.79	33516196	405.77
5.89	26803401	395.85
6.18	24870429	361.56

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

R.T.	Response	Conc
4.90	26437069	402.44
4.92	38087062	408.62
5.10	19625041	402.46
5.14	15618866	398.59
5.35	19871181	383.35

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Misc :
ALS Vial : 3 Sample Multiplier: 1

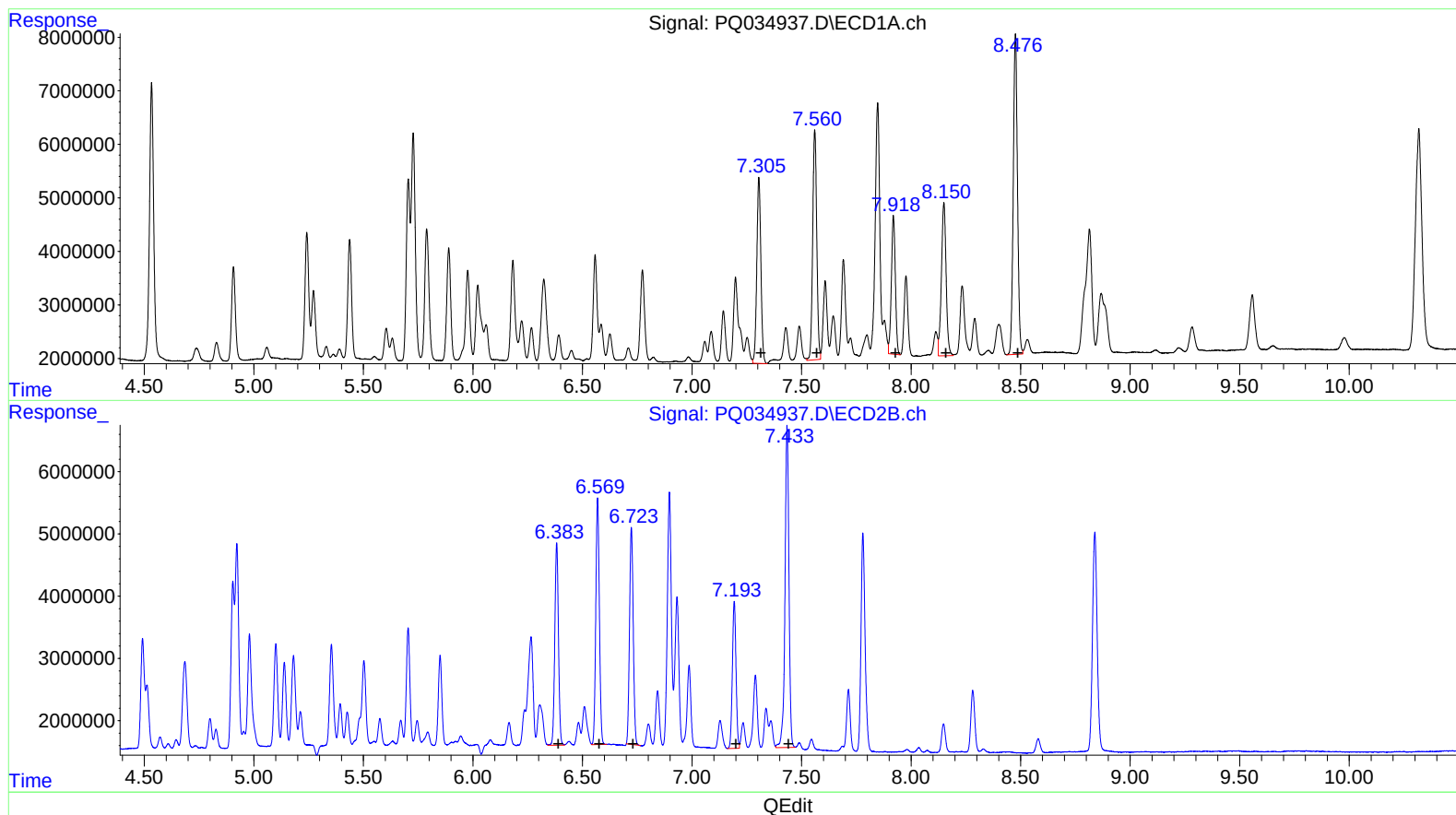
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Manual Integrations
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Integrator: ChemStation

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
7.31 44972187 323.97
7.56 55308696 323.51
7.92 32398030 304.00
8.15 42582907 321.51
8.48 79837526 294.25

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
6.38 37537288 350.10
6.57 45076878 335.65
6.72 40830550 332.59
7.19 27270985 316.19
7.43 64823262 294.89

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112318\
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Acq On : 24 Nov 2018 01:14
Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

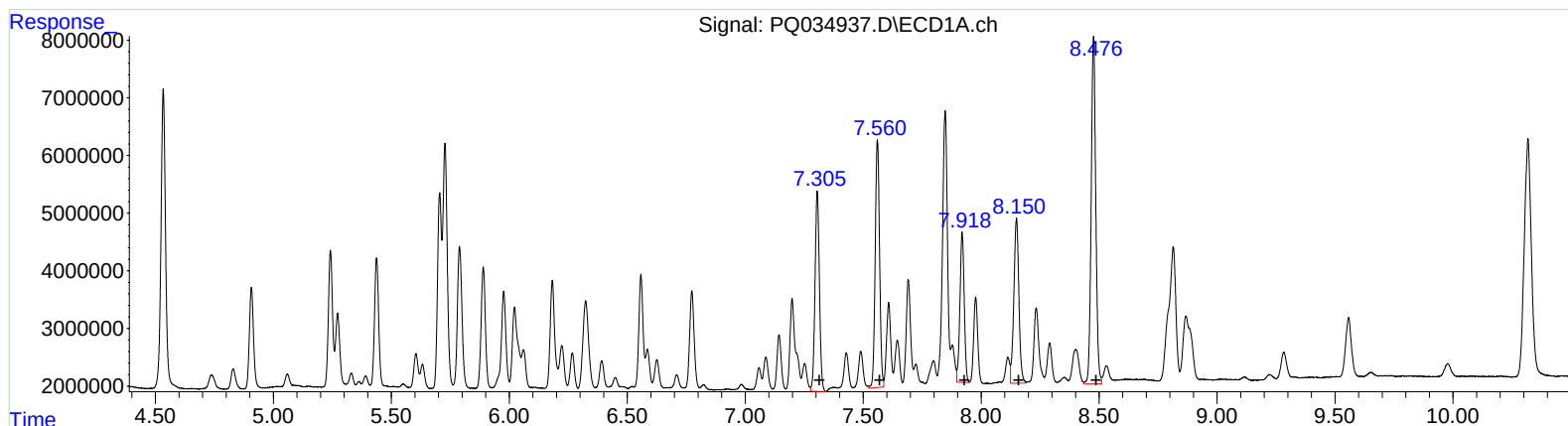
Instrument :
ECD_Q
LabSampleId :
AR1660311

Manual Integrations
APPROVED

MOHAMMAD
11/26/2018 2:02:17 PM

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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



(31) AR-1260-1 (L7)
R.T. Response Conc
7.31 44972187 323.97
7.56 55308696 323.51
7.92 32820340 307.96
8.15 42582907 321.51
8.48 81676190 301.03

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
6.38 37537288 350.10
6.57 45076878 335.65
6.72 41530943 338.30
7.19 27270985 316.19
7.43 66569813 302.84

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112318\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

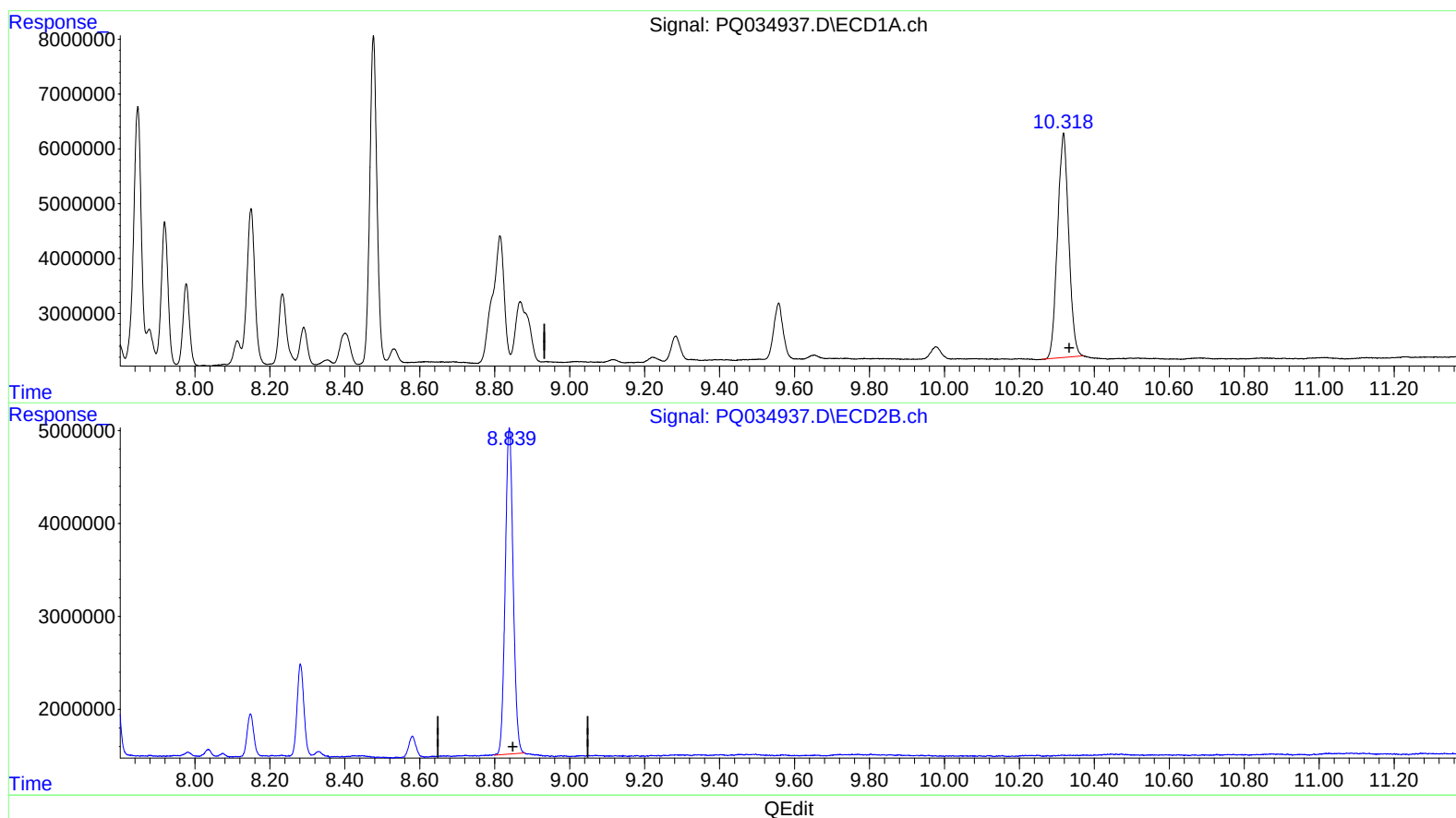
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Manual Integrations
APPROVED

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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



(2) Decachlorobiphenyl (SA)

10.318min 30.721 ng/ml

response 84637433

(2) Decachlorobiphenyl #2 (SA)

8.839min 26.413 ng/ml

response 51480506

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Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

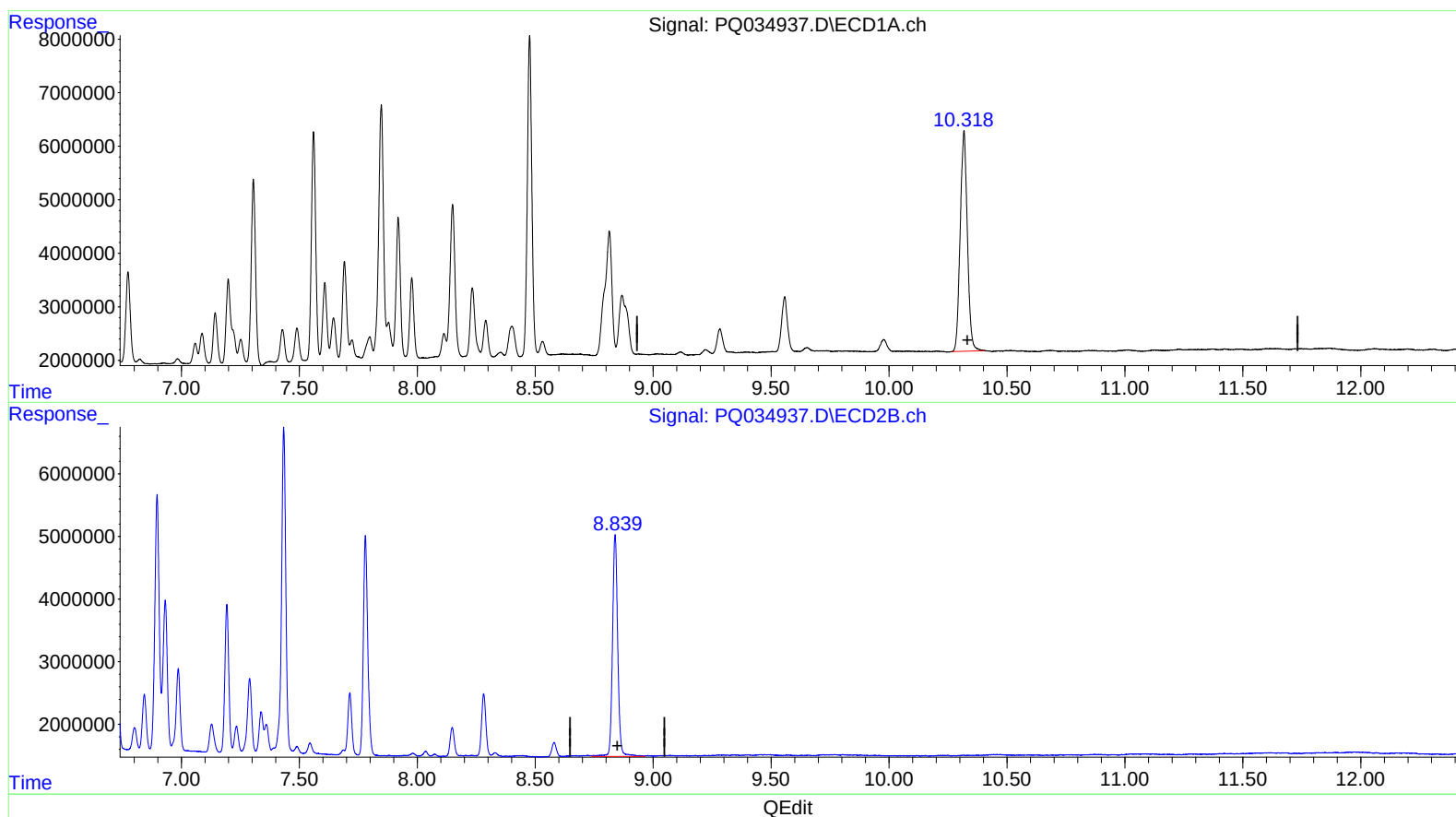
Instrument :
ECD_Q
LabSampleId :
AR1660311

Manual Integrations
APPROVED

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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



(2) Decachlorobiphenyl (SA)

10.318min 31.431 ng/ml m

response 86593518

(2) Decachlorobiphenyl #2 (SA)

8.839min 28.006 ng/ml m

response 54584338

Quantitation Report (QT Reviewed)

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 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
LabSampleId :
 AR1660311

Manual Integrations
APPROVED

MOHAMMAD
 11/26/2018 2:02:17 PM

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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...	4.533	3.819	69511113	43562795	25.236m	25.701m
2) SA Decachlor...	10.318	8.839	86593518	54584338	31.431m	28.006m
Target Compounds						
3) L1 AR-1016-1	5.705	4.905	39846553	26437069	425.280m	402.443
4) L1 AR-1016-2	5.727	4.923	53559069	38087062	389.034m	408.621
5) L1 AR-1016-3	5.788	5.100	33516196	19625041	405.767m	402.460m
6) L1 AR-1016-4	5.889	5.139	26803401	15618866	395.852m	398.591m
7) L1 AR-1016-5	6.183	5.354	24870429	19871181	361.564	383.353m
31) L7 AR-1260-1	7.305	6.383	44972187	37537288	323.972	350.102
32) L7 AR-1260-2	7.561	6.569	55308696	45076878	323.511	335.648
33) L7 AR-1260-3	7.918	6.723	32820340	41530943	307.958m	338.297m
34) L7 AR-1260-4	8.150	7.193	42582907	27270985	321.510	316.185
35) L7 AR-1260-5	8.476	7.433	81676190	66569813	301.027m	302.837m

5/11/28/18

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