

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112318\
Data File : PQ034886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Nov 2018 08:16
Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

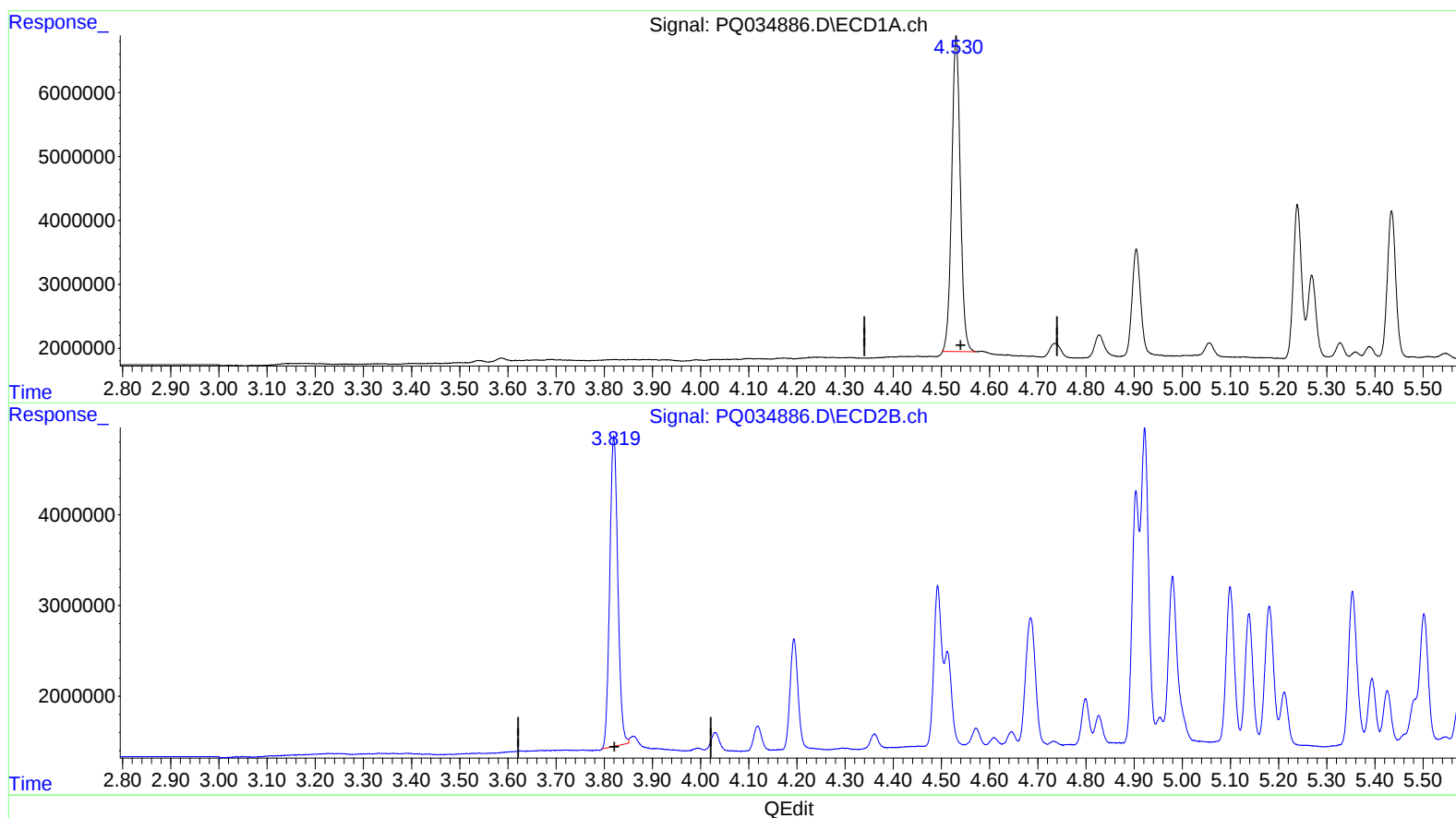
Instrument :
ECD_Q
LabSampleId :
AR1660309

Manual Integrations
APPROVED

MOHAMMAD
11/26/2018 1:59:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 22:29:58 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)

4.531min 22.279 ng/ml

response 61364748

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

3.820min 23.503 ng/ml

response 39836434

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112318\
Data File : PQ034886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Nov 2018 08:16
Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

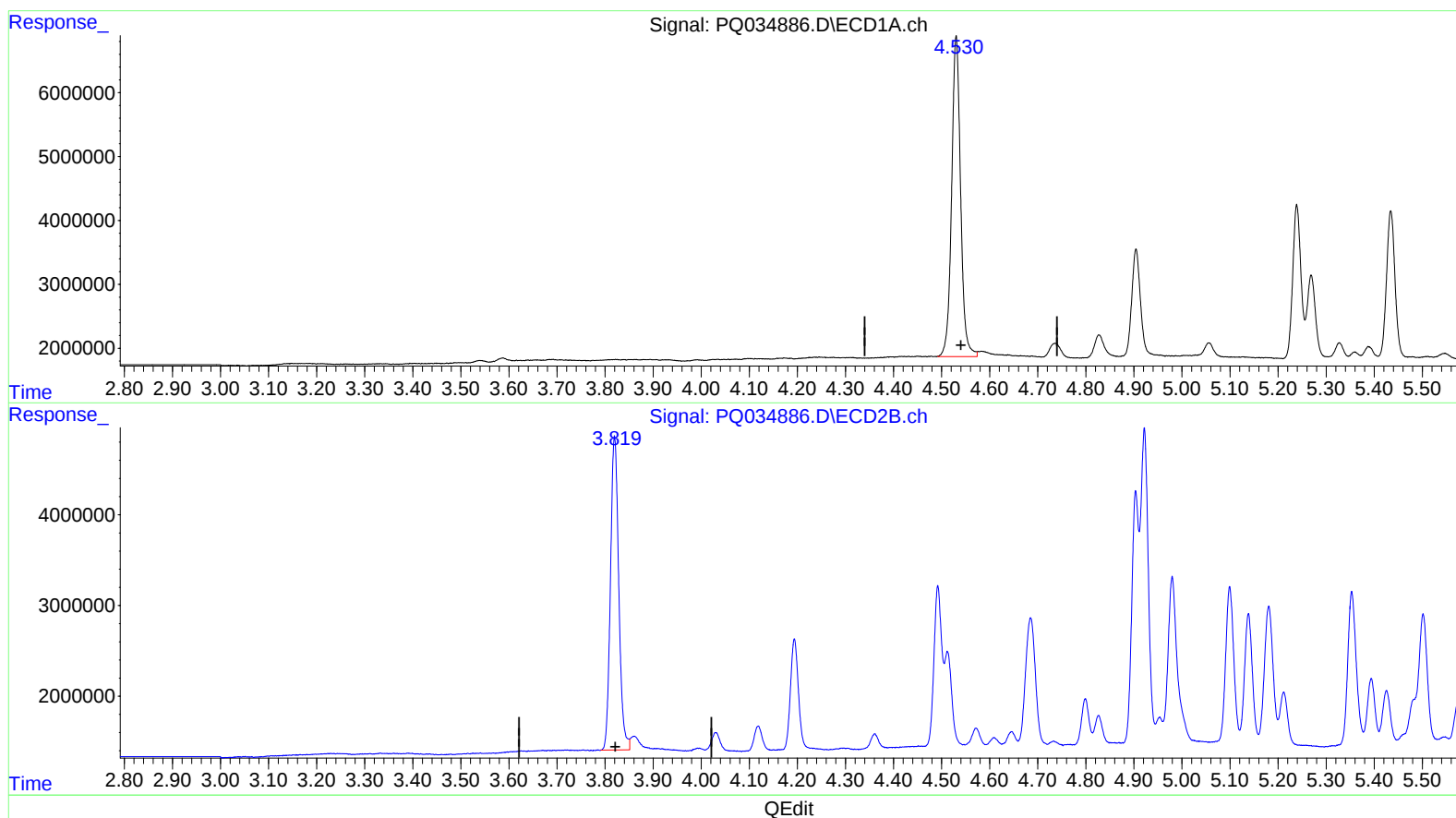
Instrument :
ECD_Q
LabSampleId :
AR1660309

Manual Integrations
APPROVED

MOHAMMAD
11/26/2018 1:59:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 22:29:58 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)

4.530min 23.569 ng/ml m

response 64920089

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

3.819min 24.395 ng/ml m

response 41348968

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112318\
Data File : PQ034886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Nov 2018 08:16
Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

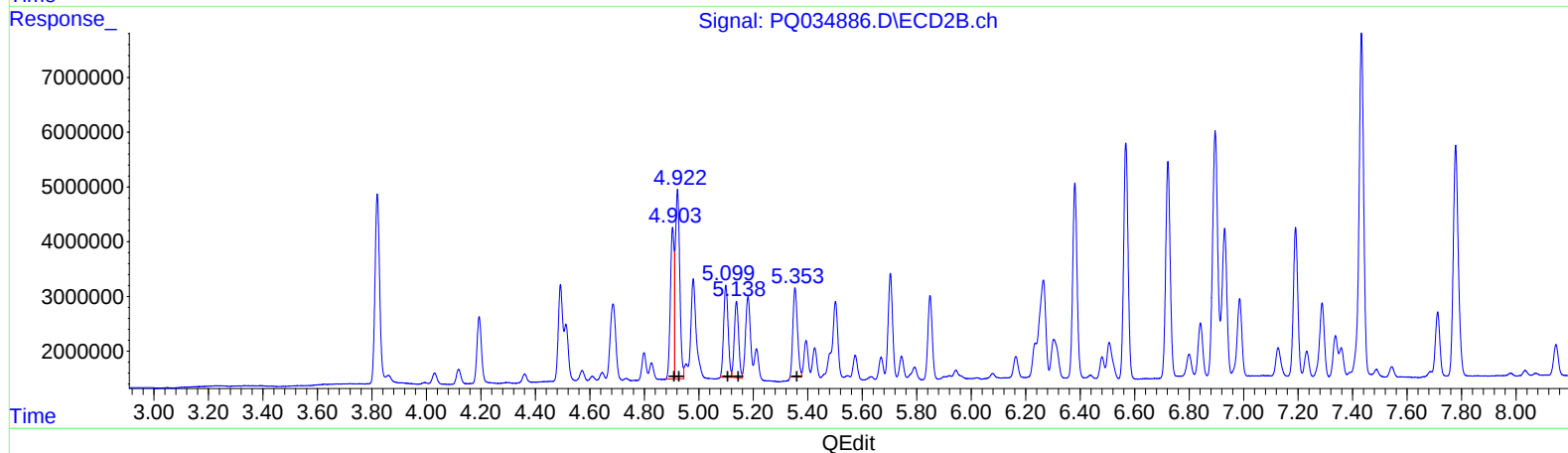
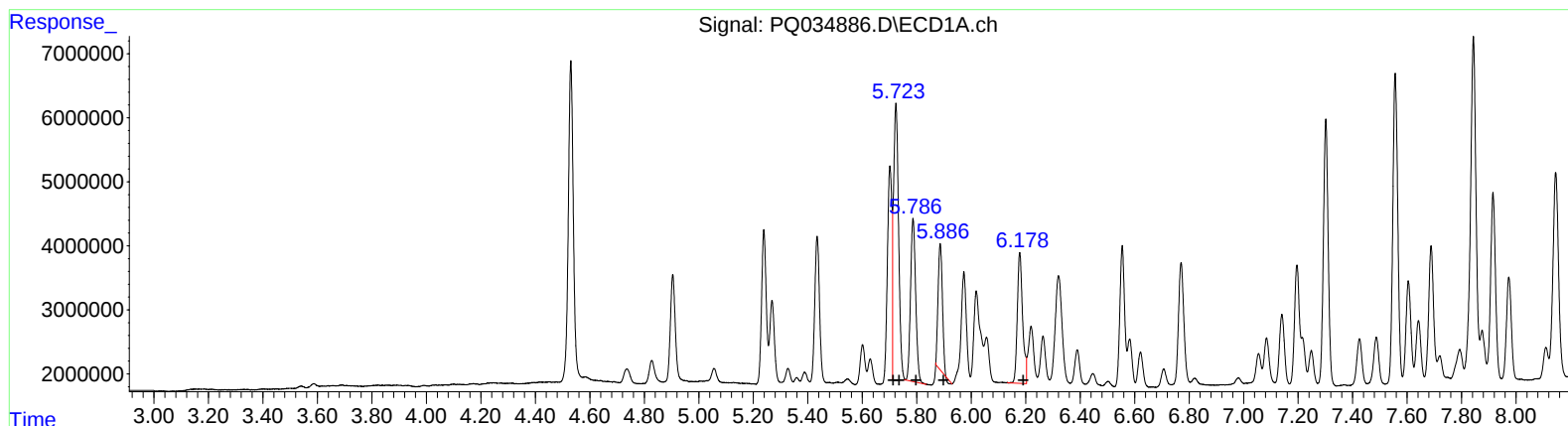
Instrument :
ECD_Q
LabSampleId :
AR1660309

Manual Integrations
APPROVED

MOHAMMAD
11/26/2018 1:59:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 22:29:58 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



QEdit

(3) AR-1016-1 (L1)

R.T.	Response	Conc
5.72	54405996	580.67
5.72	54405996	395.19
5.79	33358986	403.86
5.89	21269042	314.12
6.18	27649909	401.97

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

R.T.	Response	Conc
4.90	26499418	403.39
4.92	38808556	416.36
5.10	18911518	387.83
5.14	15501055	395.58
5.35	18969035	365.95

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112318\
Data File : PQ034886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Nov 2018 08:16
Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

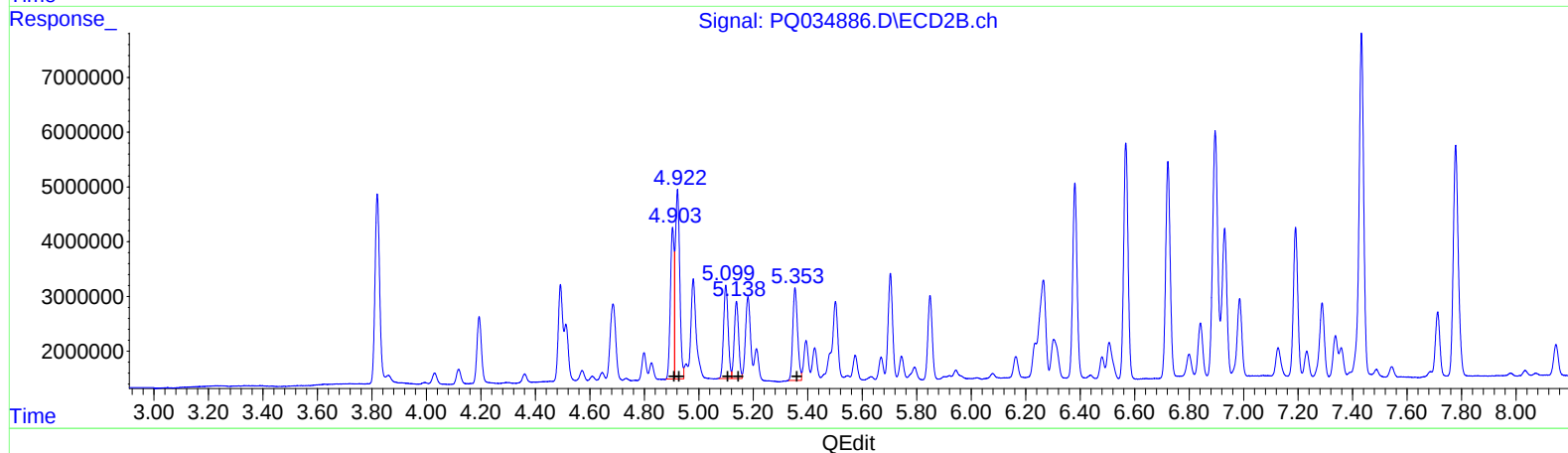
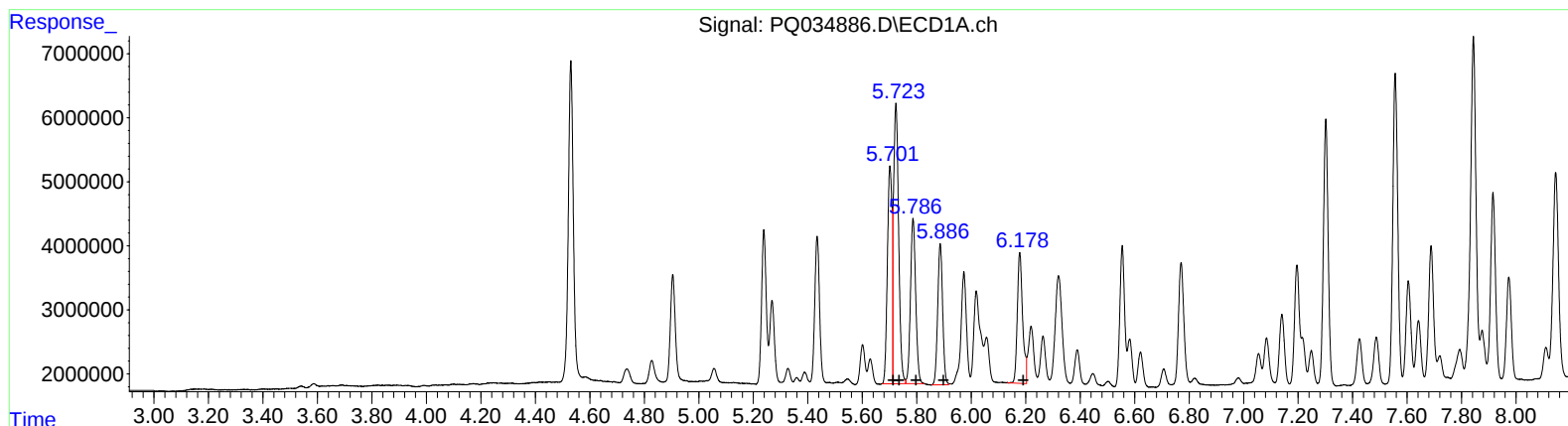
Instrument :
ECD_Q
LabSampleId :
AR1660309

Manual Integrations
APPROVED

MOHAMMAD
11/26/2018 1:59:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 22:29:58 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



(3) AR-1016-1 (L1)
R.T. Response Conc
5.70 40260846 429.70
5.72 55275235 401.50
5.79 34477329 417.40
5.89 27861544 411.48
6.18 27649909 401.97

(3) AR-1016-1 #2 (L1)
R.T. Response Conc
4.90 26499418 403.39
4.92 38808556 416.36
5.10 19784823 405.74
5.14 15768476 402.41
5.35 20664983 398.67

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112318\
Data File : PQ034886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Nov 2018 08:16
Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

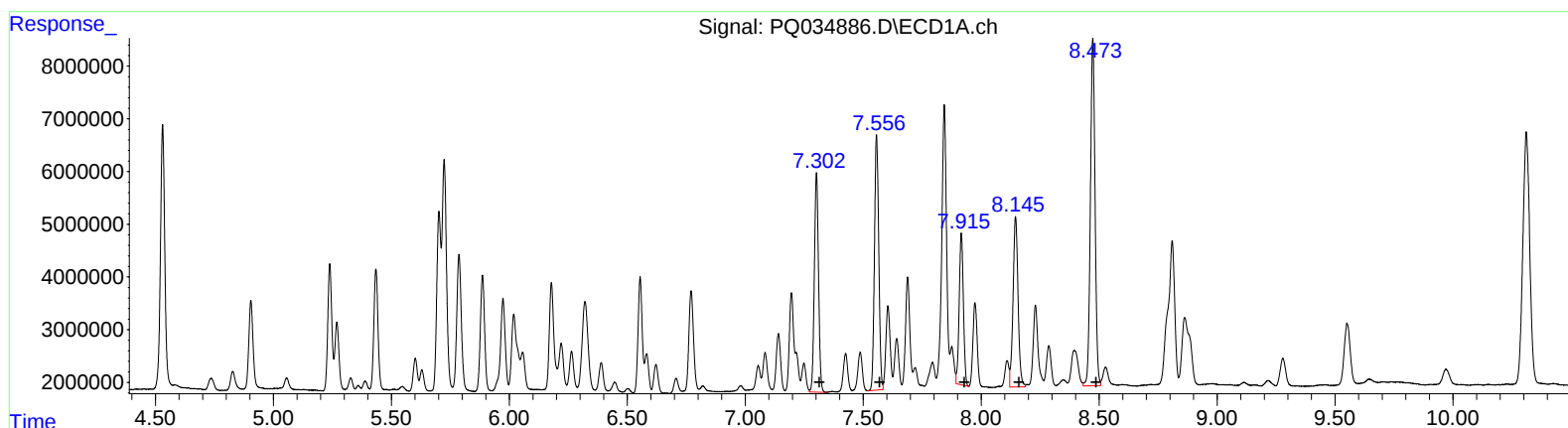
Instrument :
ECD_Q
LabSampleId :
AR1660309

Manual Integrations
APPROVED

MOHAMMAD
11/26/2018 1:59:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 22:29:58 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



(31) AR-1260-1 (L7)
R.T. Response Conc
7.30 50982831 367.27
7.56 61118490 357.49
7.92 35577958 333.83
8.15 47641273 359.70
8.47 90675145 334.19

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
6.38 39826183 371.45
6.57 48644922 362.22
6.72 44386958 361.56
7.19 30719715 356.17
7.43 75324537 342.66

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112318\
 Data File : PQ034886.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Nov 2018 08:16
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

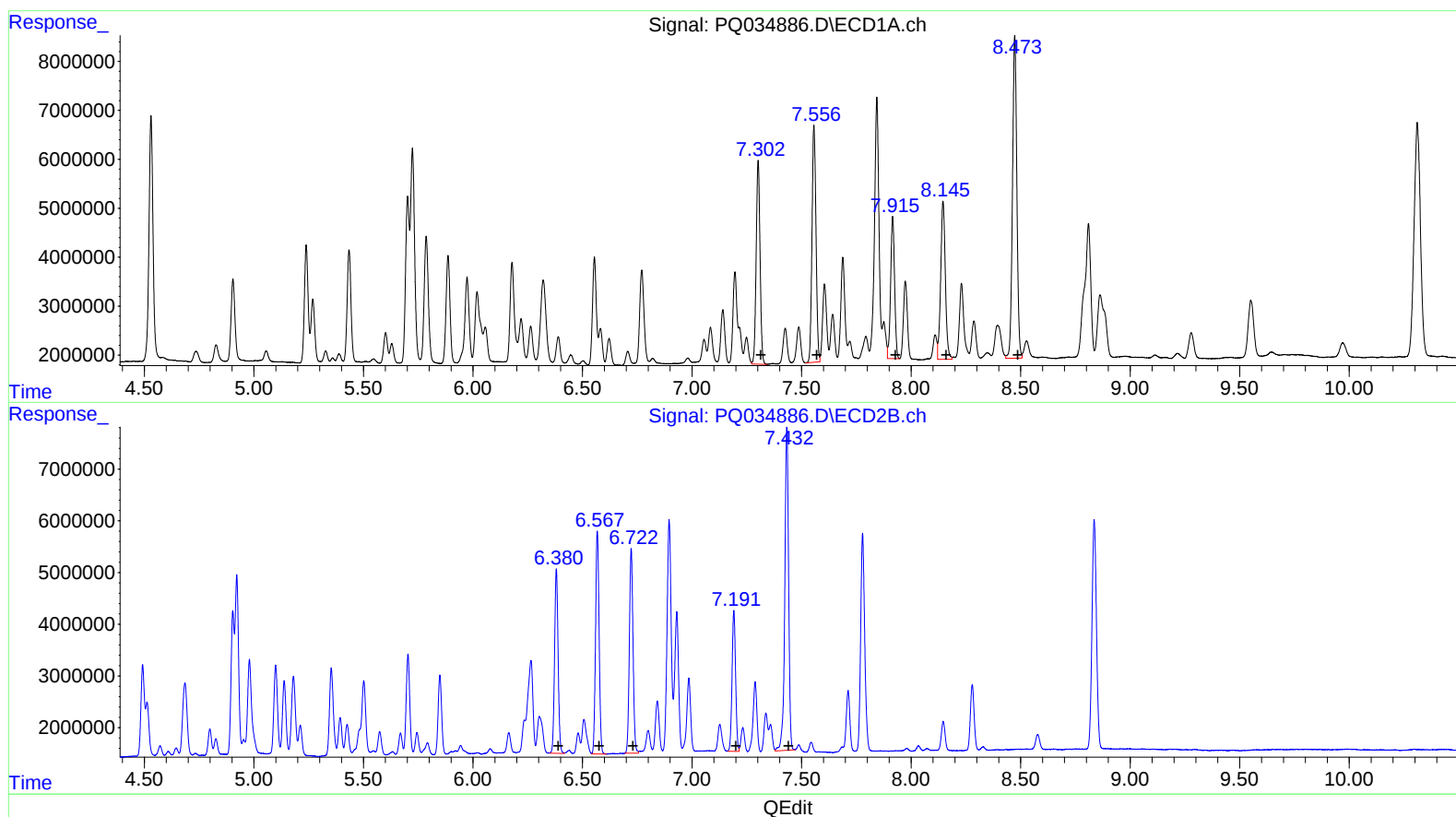
Instrument :
 ECD_Q
 LabSampleId :
 AR1660309

Manual Integrations
 APPROVED

MOHAMMAD
 11/26/2018 1:59:32 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 22:29:58 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



(31) AR-1260-1 (L7)
 R.T. Response Conc
 7.30 50982831 367.27
 7.56 61118490 357.49
 7.92 36434516 341.87
 8.15 47641273 359.70
 8.47 90675145 334.19

(31) AR-1260-1 #2 (L7)
 R.T. Response Conc
 6.38 39826183 371.45
 6.57 48644922 362.22
 6.72 45782090 372.93
 7.19 30719715 356.17
 7.43 75324537 342.66

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112318\
 Data File : PQ034886.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Nov 2018 08:16
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 LabSampleId :
 AR1660309

Manual Integrations
 APPROVED

MOHAMMAD
 11/26/2018 1:59:32 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 22:29:58 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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.530	3.819	64920089	41348968	23.569m	24.395m
2) SA Decachlor...	10.311	8.836	96807053	62848712	35.138	32.246
Target Compounds						
3) L1 AR-1016-1	5.701	4.904	40260846	26499418	429.702m	403.392
4) L1 AR-1016-2	5.723	4.922	55275235	38808556	401.500m	416.361
5) L1 AR-1016-3	5.786	5.099	34477329	19784823	417.403m	405.737m
6) L1 AR-1016-4	5.886	5.138	27861544	15768476	411.480m	402.409m
7) L1 AR-1016-5	6.178	5.353	27649909	20664983	401.972	398.667m
31) L7 AR-1260-1	7.302	6.381	50982831	39826183	367.272	371.450
32) L7 AR-1260-2	7.556	6.568	61118490	48644922	357.494	362.216
33) L7 AR-1260-3	7.915	6.722	36434516	45782090	341.871m	372.926m
34) L7 AR-1260-4	8.146	7.191	47641273	30719715	359.702	356.170
35) L7 AR-1260-5	8.473	7.433	90675145	75324537	334.194	342.664

SJ11/28/18

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