Quantitation Report (Qedit)

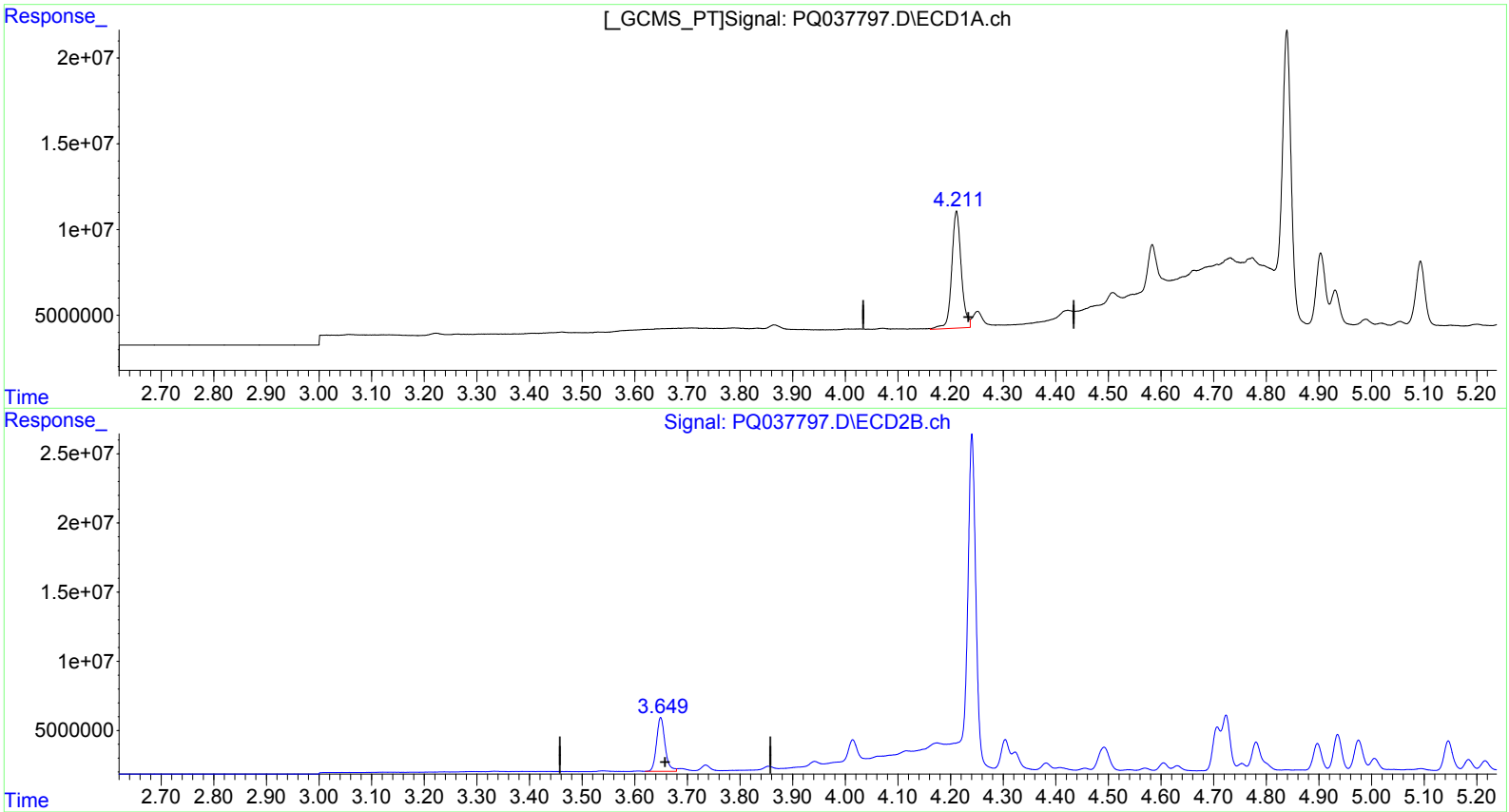
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
Data File : PQ037797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2019 10:03
Operator : SM\SJ
Sample : K1626-11MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF668MSD

Manual Integrations APPROVED
Sohil
3/6/2019 9:54:52 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 23:47:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 26 04:57:52 2019
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

(1) Tetrachloro-m-xylene (SA)

4.211min 15.138 ng/ml m

response 86111246

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

3.649min 16.584 ng/ml

response 43683155

(+) = Expected Retention Time

Quantitation Report (Qedit)

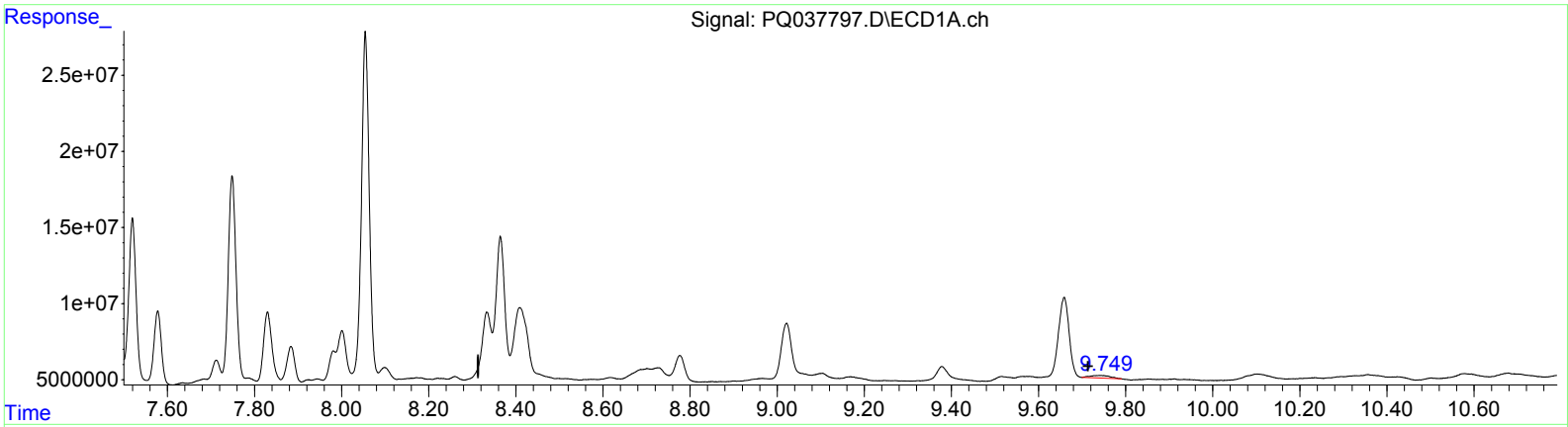
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
Data File : PQ037797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2019 10:03
Operator : SM\SJ
Sample : K1626-11MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

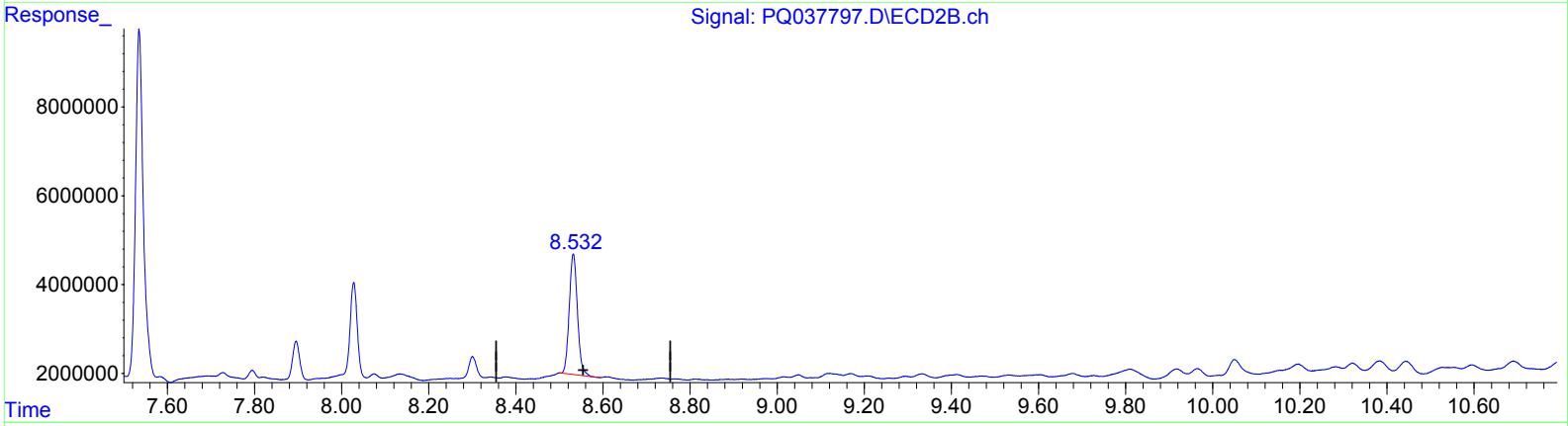
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 23:47:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 26 04:57:52 2019
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_Q
ClientSampleId :
BF668MSD

Manual Integrations APPROVED
Sohil
3/6/2019 9:54:52 AM





QEdit

(2) Decachlorobiphenyl (SA)

9.741min 0.906 ng/ml

response 4577873

(2) Decachlorobiphenyl #2 (SA)

8.532min 15.252 ng/ml

response 35386148

(+) = Expected Retention Time

Quantitation Report (Qedit)

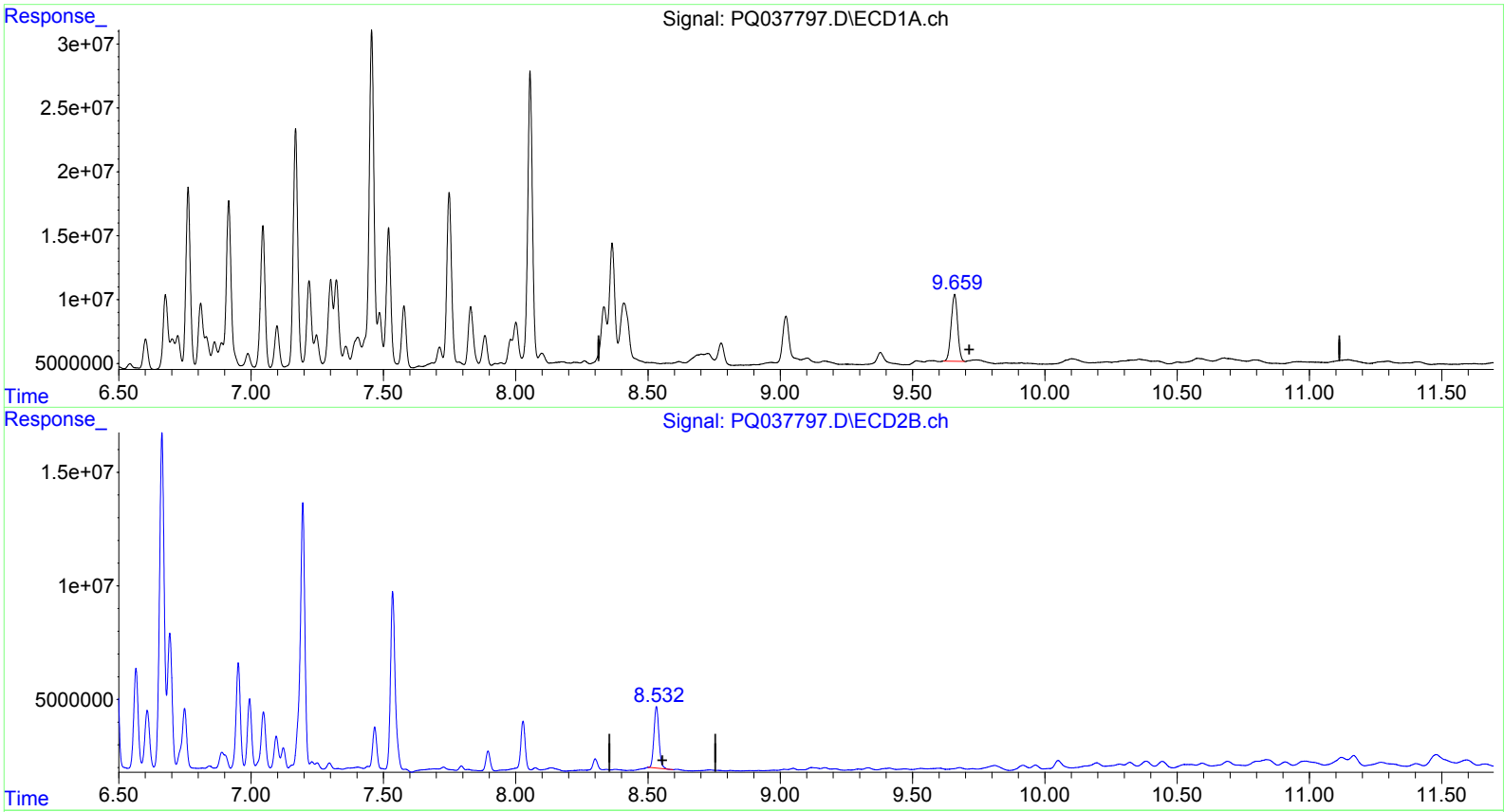
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
Data File : PQ037797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2019 10:03
Operator : SM\SJ
Sample : K1626-11MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF668MSD

Manual Integrations APPROVED
Sohil
3/6/2019 9:54:52 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 23:47:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 26 04:57:52 2019
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

(2) Decachlorobiphenyl (SA)
9.659min 17.537 ng/ml m
response 88572624

(2) Decachlorobiphenyl #2 (SA)
8.532min 15.252 ng/ml
response 35386148

(+) = Expected Retention Time

Quantitation Report (Qedit)

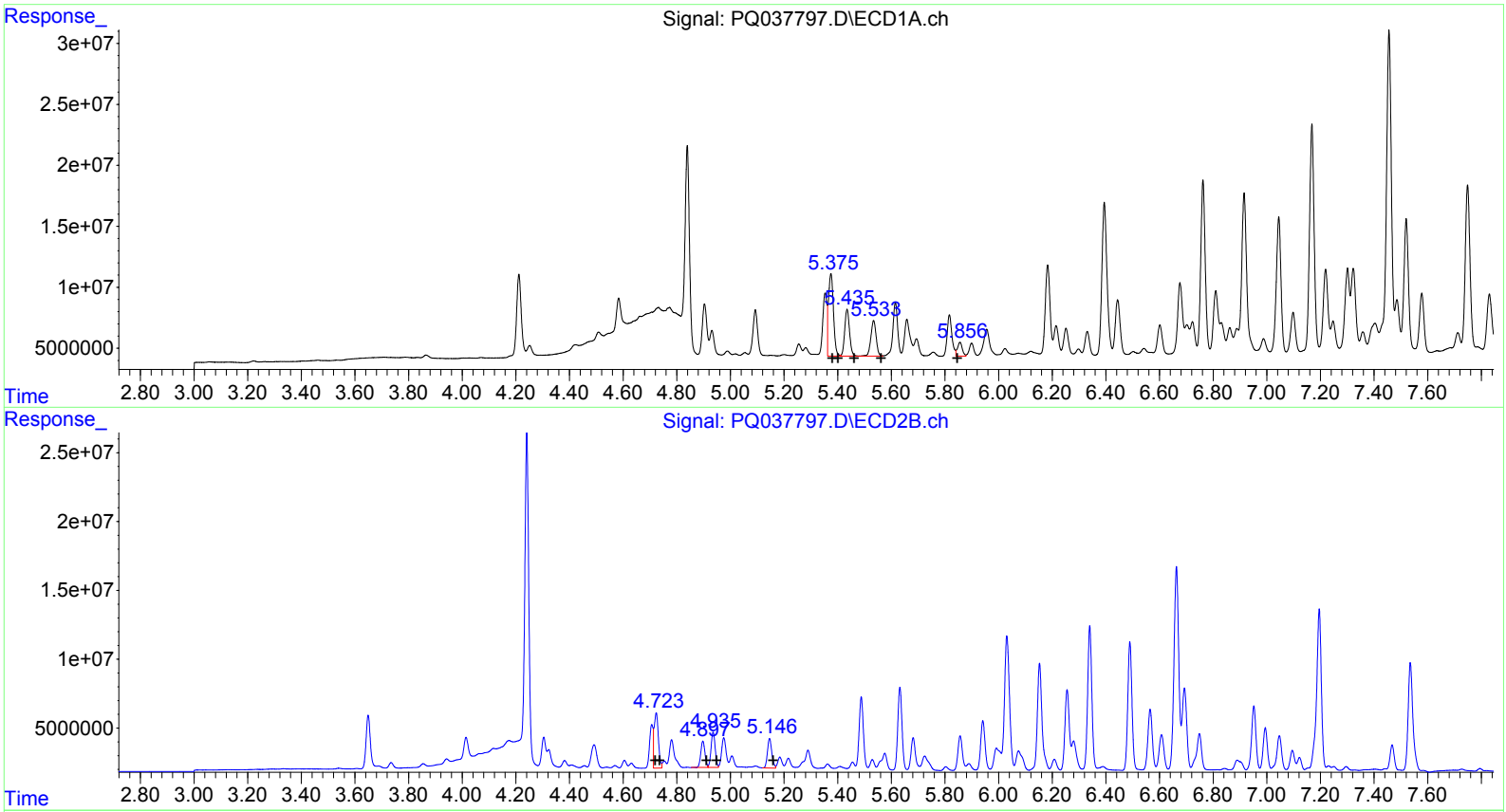
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
Data File : PQ037797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2019 10:03
Operator : SM\SJ
Sample : K1626-11MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF668MSD

Manual Integrations APPROVED
Sohil
3/6/2019 9:54:52 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 23:47:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 26 04:57:52 2019
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
5.37	87549464	302.91
5.37	87549464	195.91
5.44	48101411	183.01
5.53	40238422	183.02
5.86	14134729	65.76

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

R.T.	Response	Conc
4.72	43983126	285.09
4.72	43983126	183.23
4.90	20797452	170.80
4.94	27328463	292.61
5.15	24222106	193.38

(+) = Expected Retention Time

Quantitation Report (Qedit)

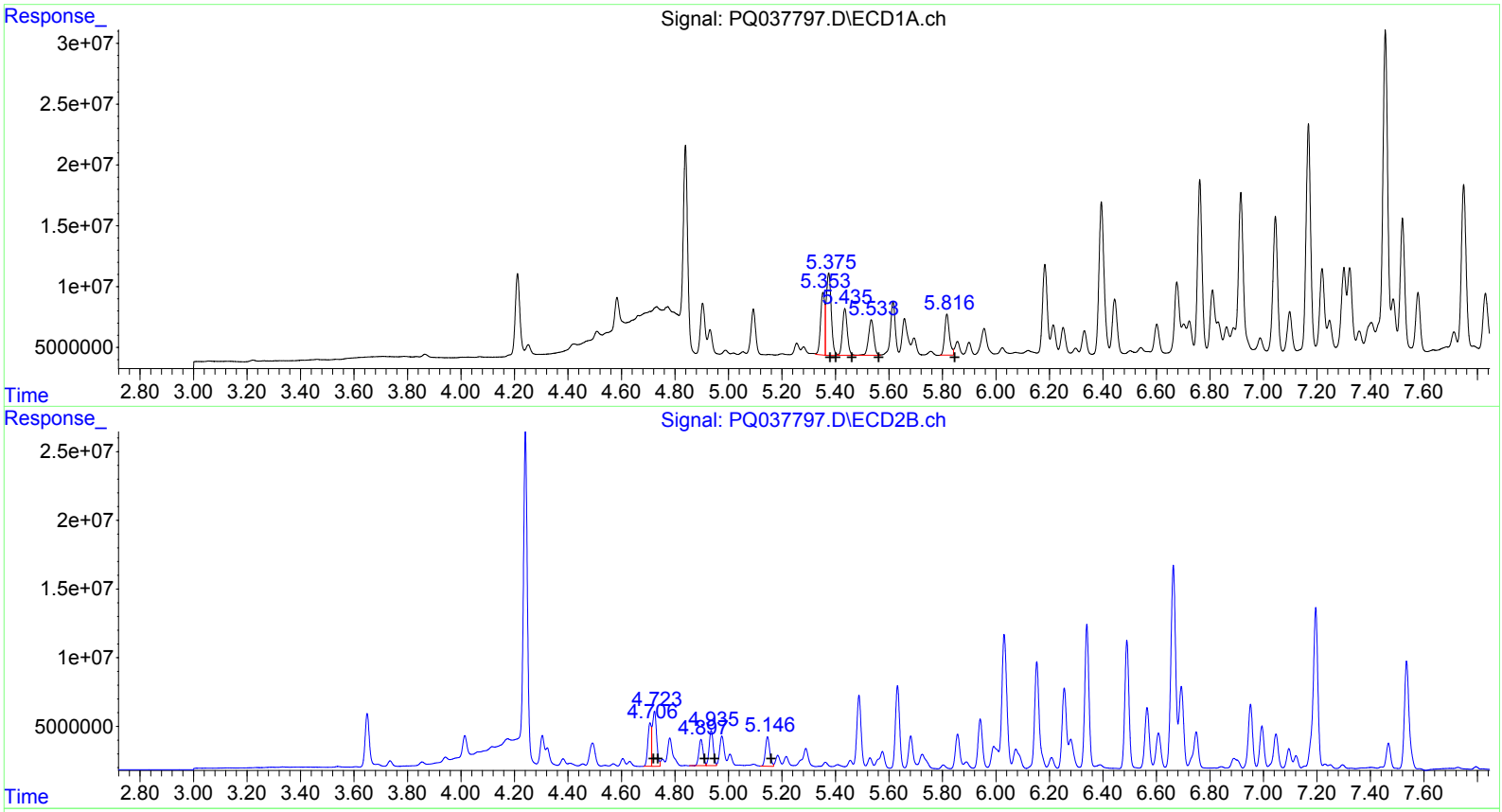
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
Data File : PQ037797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2019 10:03
Operator : SM\SJ
Sample : K1626-11MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF668MSD

Manual Integrations APPROVED
Sohil
3/6/2019 9:54:52 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 23:47:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 26 04:57:52 2019
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 #2 (L1)

R.T.	Response	Conc
5.35	55944277	193.56
5.37	87549464	195.91
5.44	48101411	183.01
5.53	40238422	183.02
5.82	41557260	193.33

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

R.T.	Response	Conc
4.71	28628322	185.56
4.72	43983126	183.23
4.90	20797452	170.80
4.94	27328463	292.61
5.15	24222106	193.38

(+) = Expected Retention Time

Quantitation Report (Qedit)

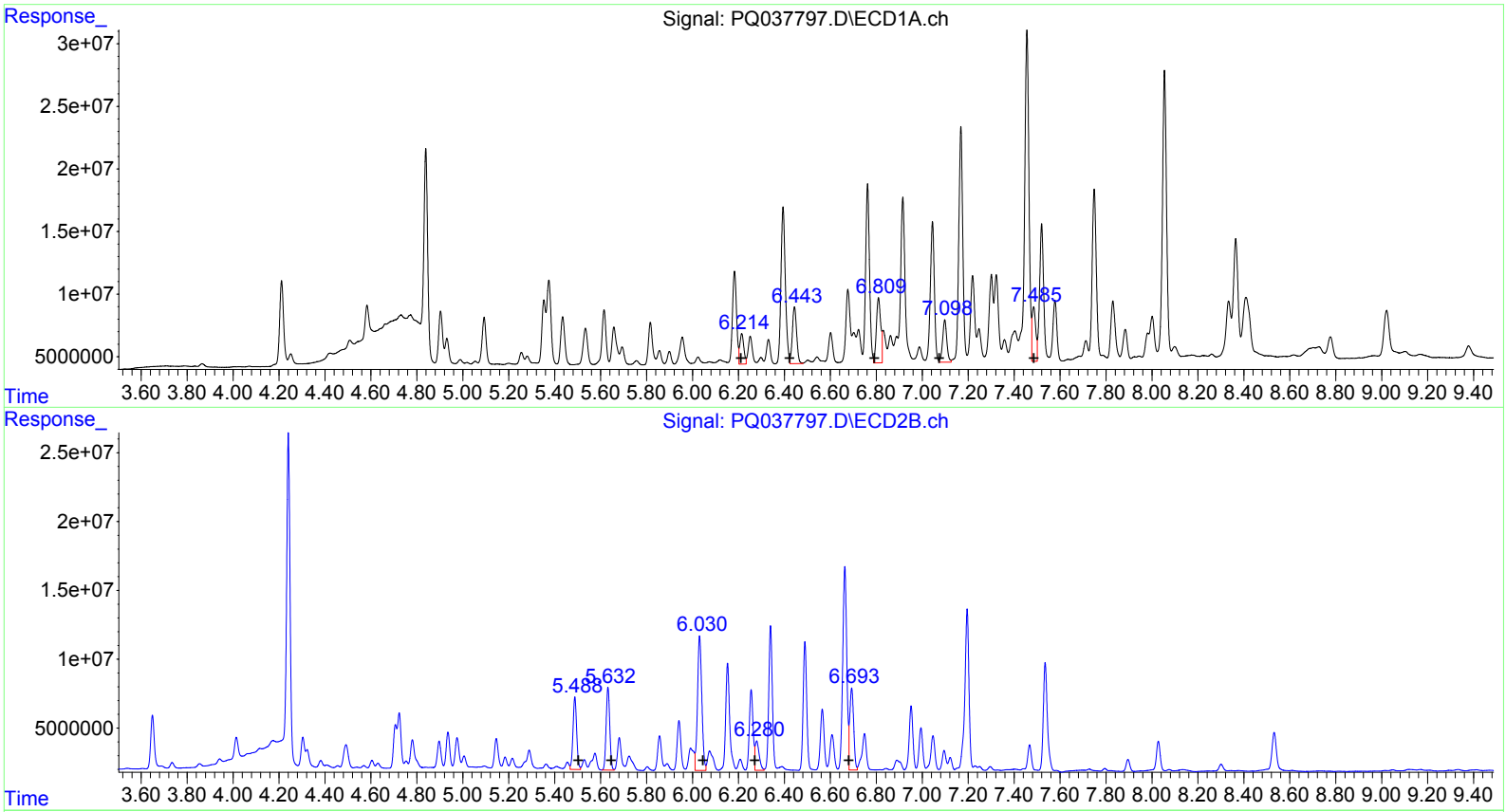
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
Data File : PQ037797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2019 10:03
Operator : SM\SJ
Sample : K1626-11MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF668MSD

Manual Integrations APPROVED
Sohil
3/6/2019 9:54:52 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 23:47:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 26 04:57:52 2019
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

(26) AR-1254-1 (L6)

R.T.	Response	Conc
6.21	29269233	138.20
6.44	58425146	174.23
6.81	68255325	196.67
7.10	43041746	155.52
7.49	48085712	173.98

(26) AR-1254-1 #2 (L6)

R.T.	Response	Conc
5.49	58869106	355.03
5.63	65728548	461.53
6.03	127586689	559.20
6.28	25779435	150.11
6.69	70218880	362.65

(+) = Expected Retention Time

Quantitation Report (Qedit)

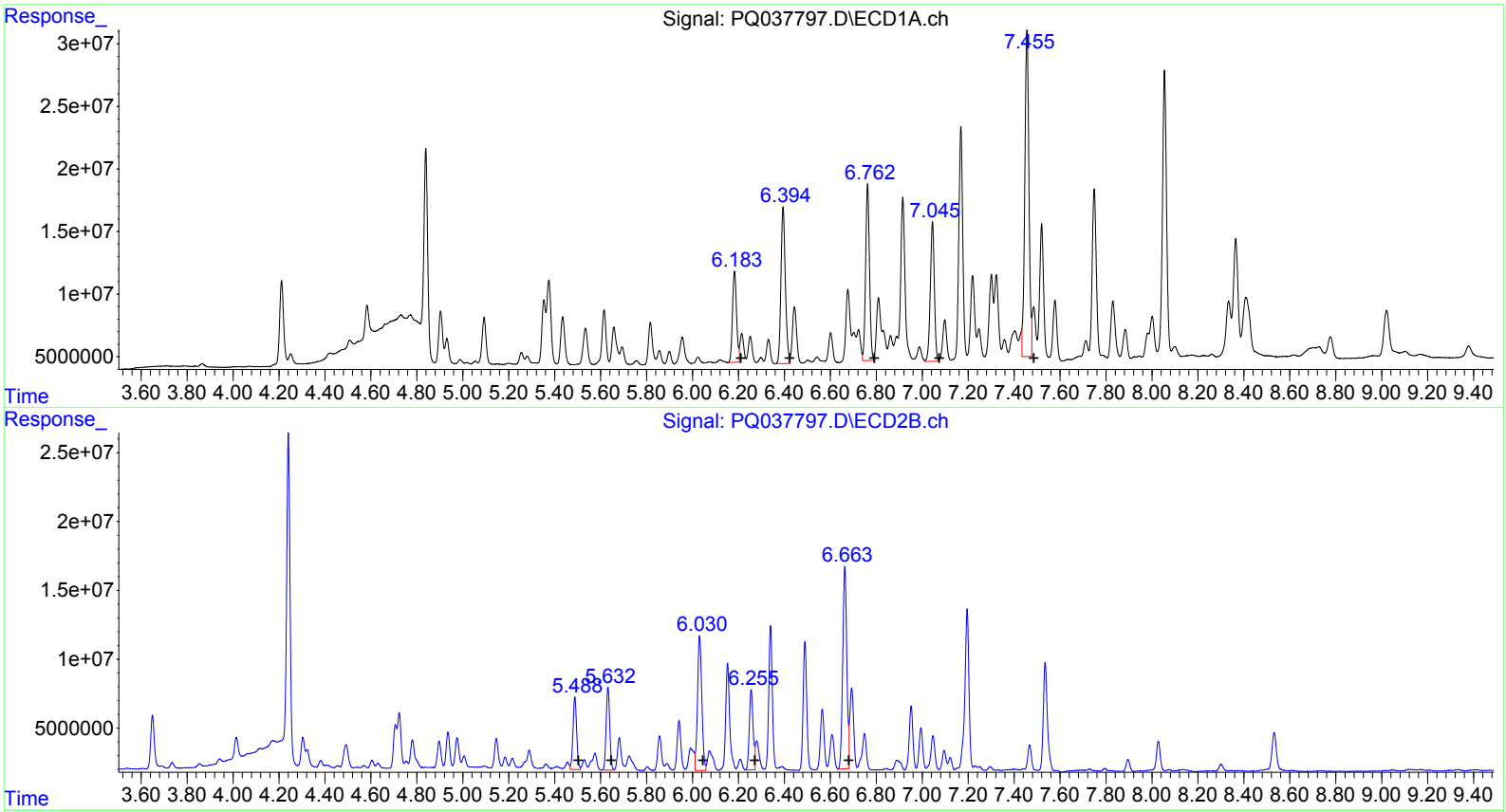
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
Data File : PQ037797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2019 10:03
Operator : SM\SJ
Sample : K1626-11MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF668MSD

Manual Integrations APPROVED
Sohil
3/6/2019 9:54:52 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 23:47:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 26 04:57:52 2019
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

(26) AR-1254-1 #2 (L6)

R.T.	Response	Conc
6.18	90063891	425.25
6.39	167280633	498.85
6.76	162427830	468.01
7.04	135734581	490.46
7.46	326502767	1181.34

(26) AR-1254-1 #2 (L6)

R.T.	Response	Conc
5.49	58869106	355.03
5.63	65728548	461.53
6.03	127586689	559.20
6.26	67773035	394.63
6.66	182303110	941.51

(+) = Expected Retention Time

Quantitation Report (Qedit)

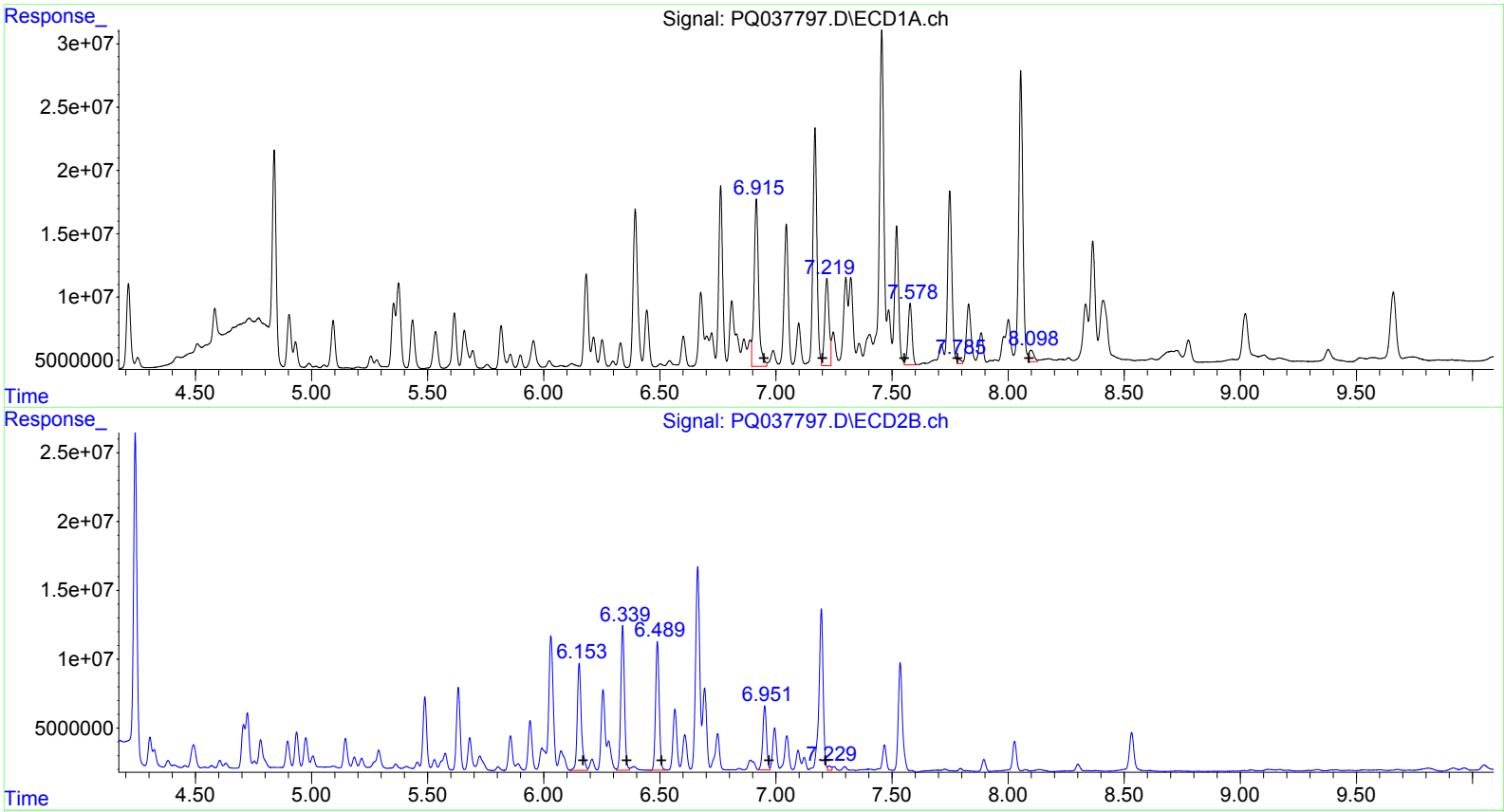
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
Data File : PQ037797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2019 10:03
Operator : SM\SJ
Sample : K1626-11MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF668MSD

Manual Integrations APPROVED
Sohil
3/6/2019 9:54:52 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 23:47:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 26 04:57:52 2019
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

(31) AR-1260-1 (L7)

R.T.	Response	Conc
6.92	176476334	397.18
7.22	89317631	154.48
7.58	58924553	131.90
7.79	4451641	10.16
8.10	14608325	14.57

(31) AR-1260-1 #2 (L7)

R.T.	Response	Conc
6.15	94667059	373.39
6.34	114600177	372.84
6.49	101174445	356.28
6.95	52268386	237.48
7.23	3279463	6.21

(+) = Expected Retention Time

Quantitation Report (Qedit)

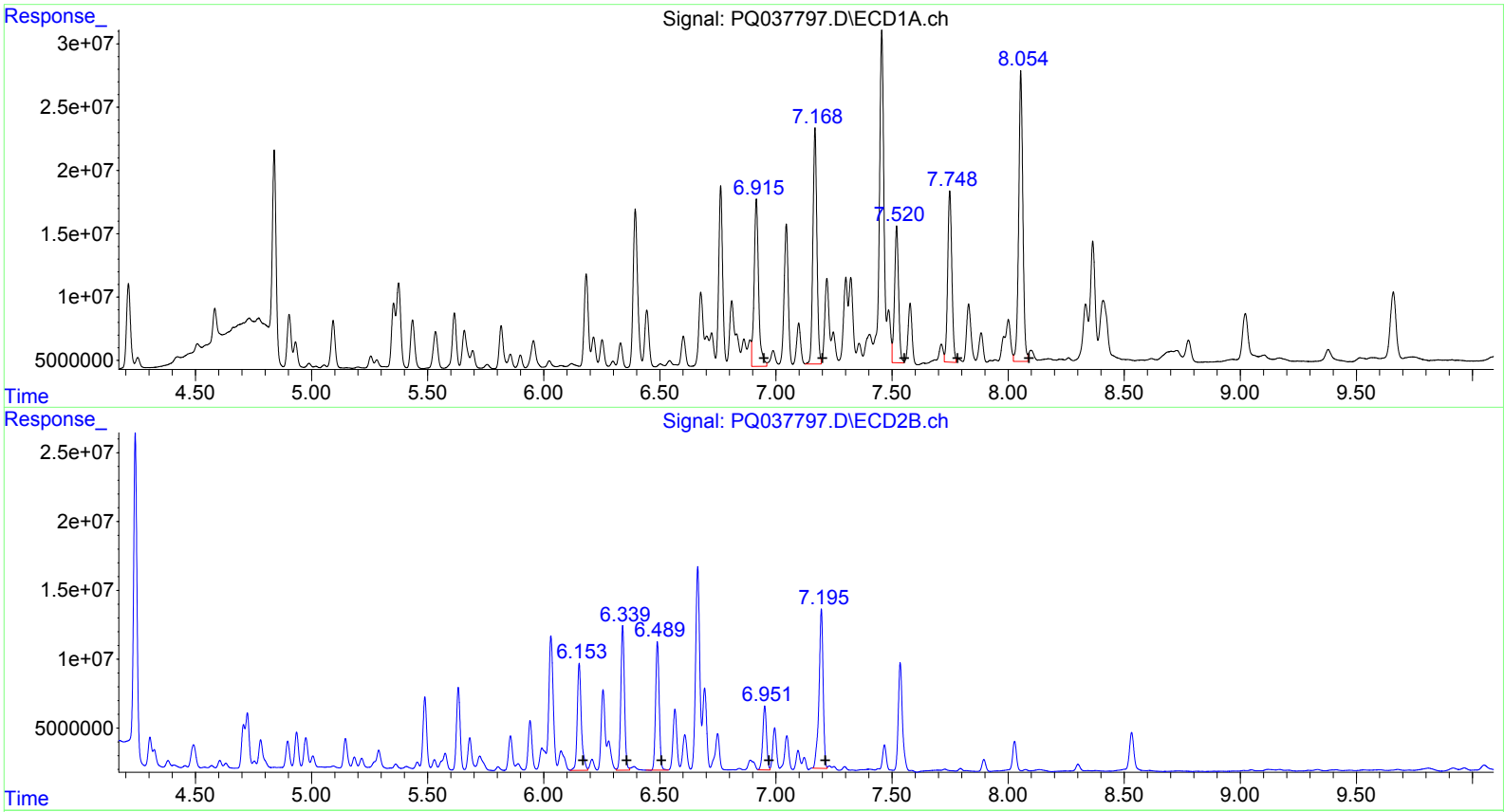
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
Data File : PQ037797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2019 10:03
Operator : SM\SJ
Sample : K1626-11MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF668MSD

Manual Integrations APPROVED
Sohil
3/6/2019 9:54:52 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 23:47:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 26 04:57:52 2019
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

(31) AR-1260-1 #2 (L7)

R.T.	Response	Conc
6.92	176476334	397.18
7.17	223286497	386.18
7.52	129702889	290.33
7.75	169191419	386.29
8.05	287898407	287.22

(31) AR-1260-1 #2 (L7)

R.T.	Response	Conc
6.15	94667059	373.39
6.34	114600177	372.84
6.49	101174445	356.28
6.95	52268386	237.48
7.20	142452800	269.80

(+) = Expected Retention Time

Quantitation Report (Qedit)

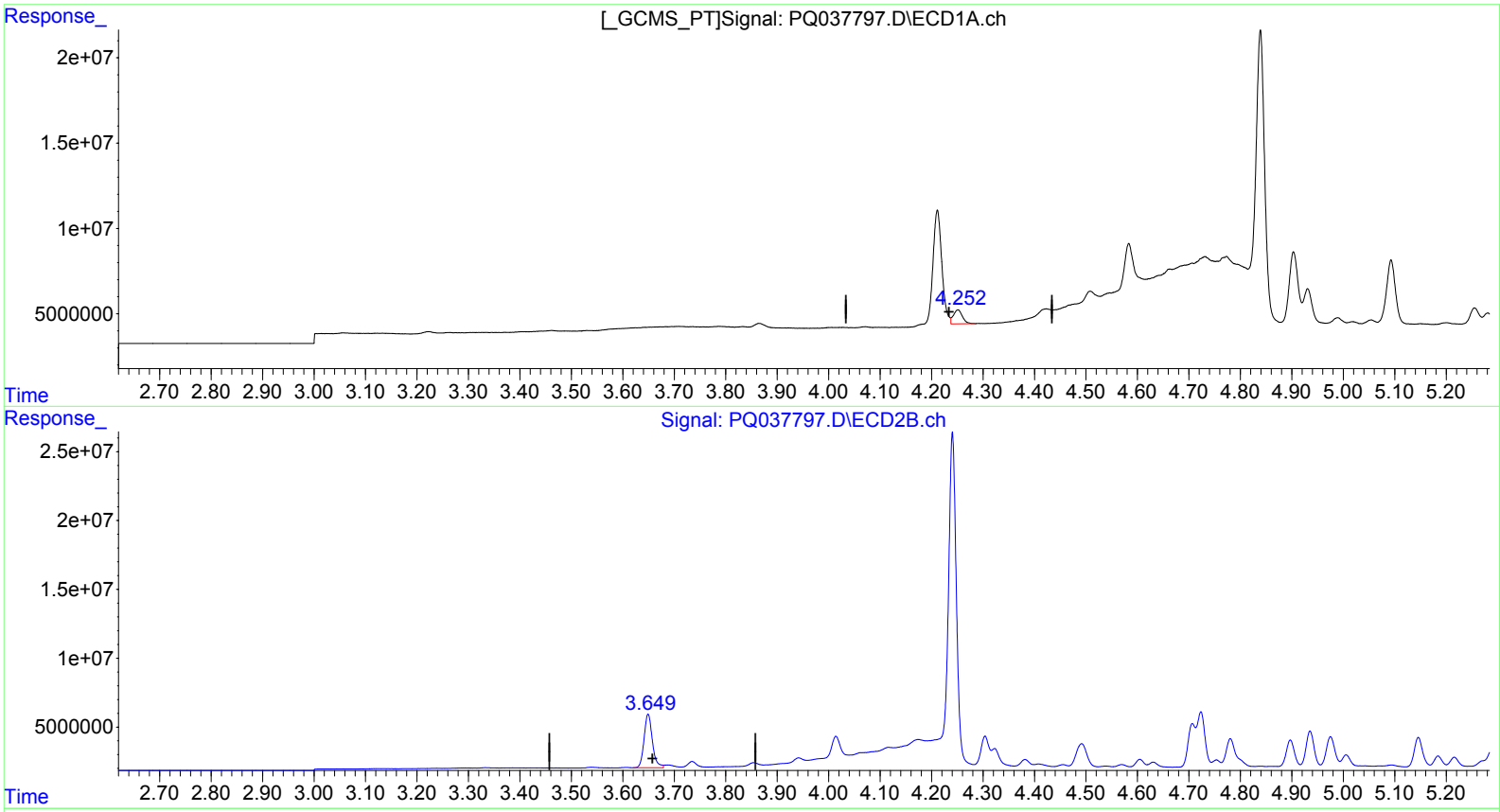
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
Data File : PQ037797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2019 10:03
Operator : SM\SJ
Sample : K1626-11MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BF668MSD

Manual Integrations APPROVED
Sohil
3/6/2019 9:54:52 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 23:47:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 26 04:57:52 2019
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

(1) Tetrachloro-m-xylene (SA)

4.252min 1.760 ng/ml

response 10012384

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

3.649min 16.584 ng/ml

response 43683155

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
Data File : PQ037797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2019 10:03
Operator : SM\SJ
Sample : K1626-11MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 23:47:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 26 04:57:52 2019
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...	4.211	3.649	86111246	43683155	15.138m	16.584
2)	SA Decachlor...	9.659	8.532	88572624	35386148	17.537m	15.252
	Target Compounds						
3)	L1 AR-1016-1	5.353	4.706	55944277	28628322	193.562m	185.561m
4)	L1 AR-1016-2	5.375	4.724	87549464	43983126	195.912	183.229
5)	L1 AR-1016-3	5.435	4.897	48101411	20797452	183.010	170.796
6)	L1 AR-1016-4	5.534	4.936	40238422	27328463	183.025	292.614 #
7)	L1 AR-1016-5	5.816	5.146	41557260	24222106	193.331m	193.380
26)	L6 AR-1254-1	6.183	5.488	90063891	58869106	425.250m	355.034
27)	L6 AR-1254-2	6.394	5.632	167.3E6	65728548	498.852m	461.534
28)	L6 AR-1254-3	6.762	6.031	162.4E6	127.6E6	468.014m	559.195
29)	L6 AR-1254-4	7.045	6.255	135.7E6	67773035	490.455m	394.630m
30)	L6 AR-1254-5	7.455	6.663	326.5E6	182.3E6	1181.342m	941.514m
31)	L7 AR-1260-1	6.916	6.153	176.5E6	94667059	397.181	373.391
32)	L7 AR-1260-2	7.168	6.340	223.3E6	114.6E6	386.178m	372.840
33)	L7 AR-1260-3	7.520	6.490	129.7E6	101.2E6	290.330m	356.276
34)	L7 AR-1260-4	7.748	6.952	169.2E6	52268386	386.287m	237.484 #
35)	L7 AR-1260-5	8.054	7.195	287.9E6	142.5E6	287.223m	269.804m

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

Instrument :
ECD_Q
ClientSampleId :
BF668MSD

Manual Integrations APPROVED
Sohil
3/6/2019 9:54:52 AM

9.I
09/06/19