Quantitation Report (Qedit)

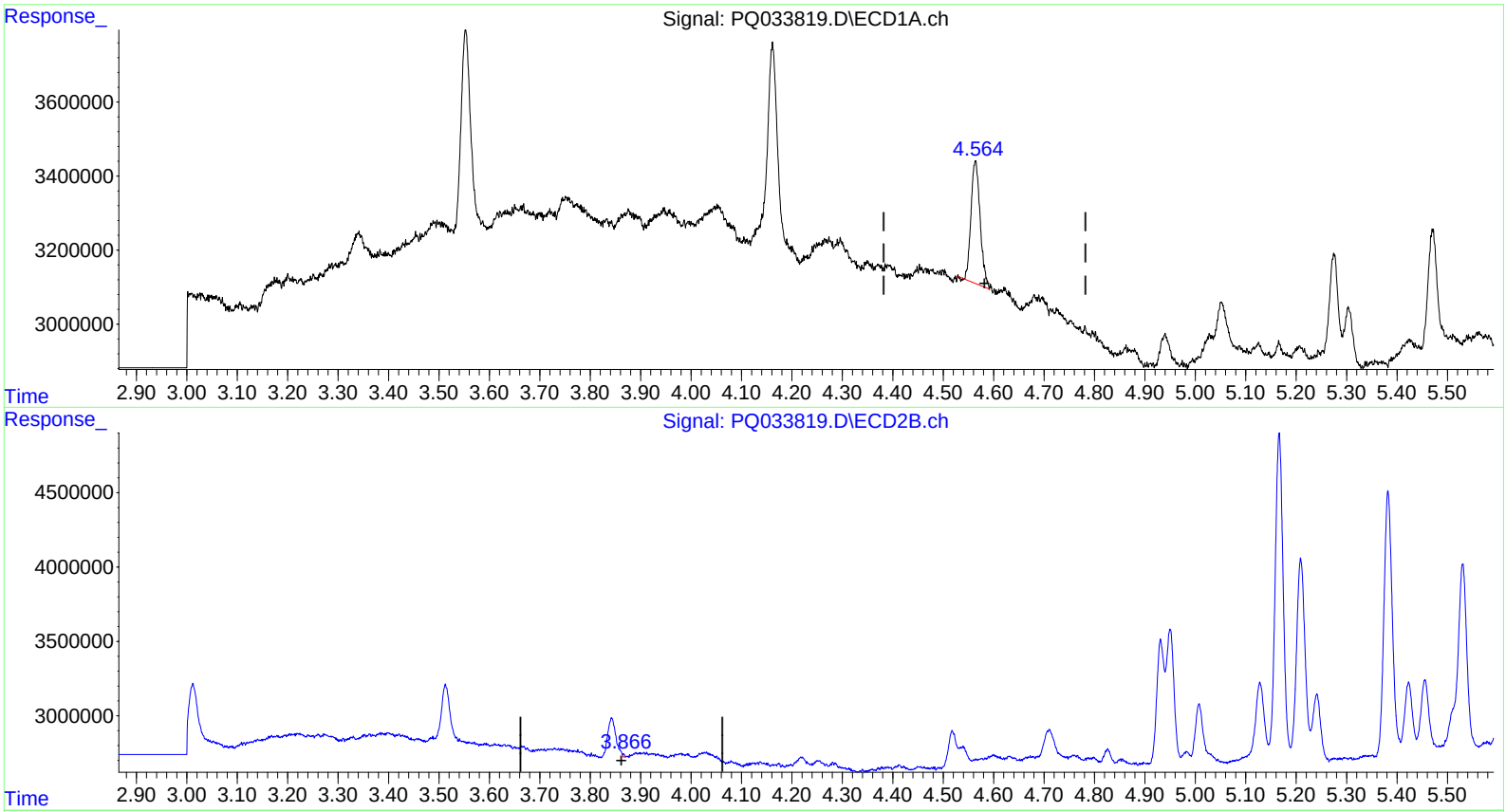
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102918\
Data File : PQ033819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:37
Operator : SM\SJ
Sample : J5673-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:53:41 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

Instrument :
ECD_Q
ClientSampleId :
C0BM3DL

Manual Integrations APPROVED
Sohil
10/30/2018 9:32:39 AM



QEdit

(1) Tetrachloro-m-xylene (SA)

4.564min 2.032 ng/ml

response 4169496

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

3.866min 0.027 ng/ml

response 42631

(+) = Expected Retention Time

Quantitation Report (Qedit)

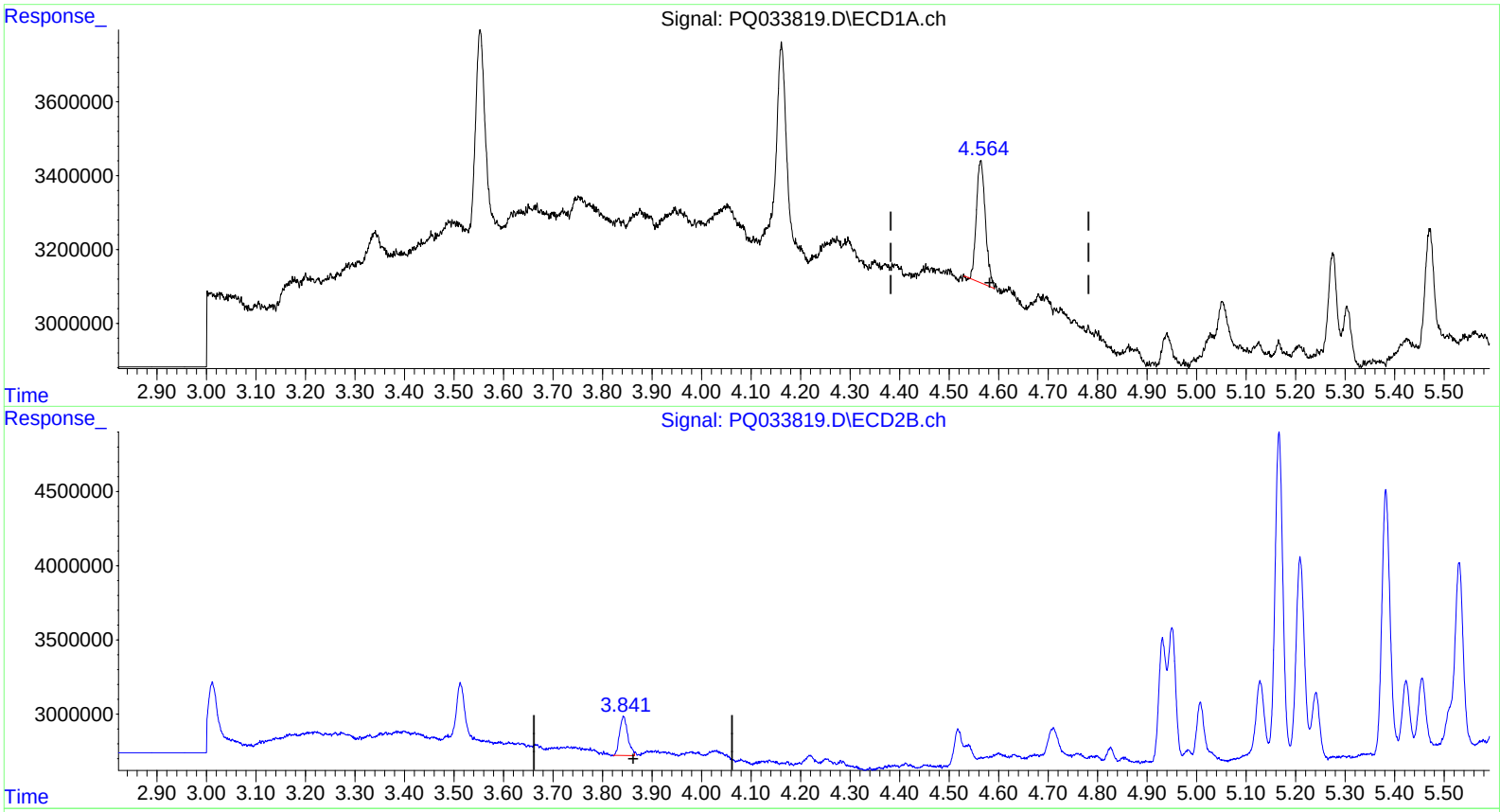
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102918\
Data File : PQ033819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:37
Operator : SM\SJ
Sample : J5673-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:53:41 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

Instrument :
ECD_Q
ClientSampleId :
C0BM3DL

Manual Integrations APPROVED
Sohil
10/30/2018 9:32:39 AM



QEdit

(1) Tetrachloro-m-xylene (SA)

4.564min 2.032 ng/ml

response 4169496

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

3.841min 1.933 ng/ml m

response 3006440

(+) = Expected Retention Time

Quantitation Report (Qedit)

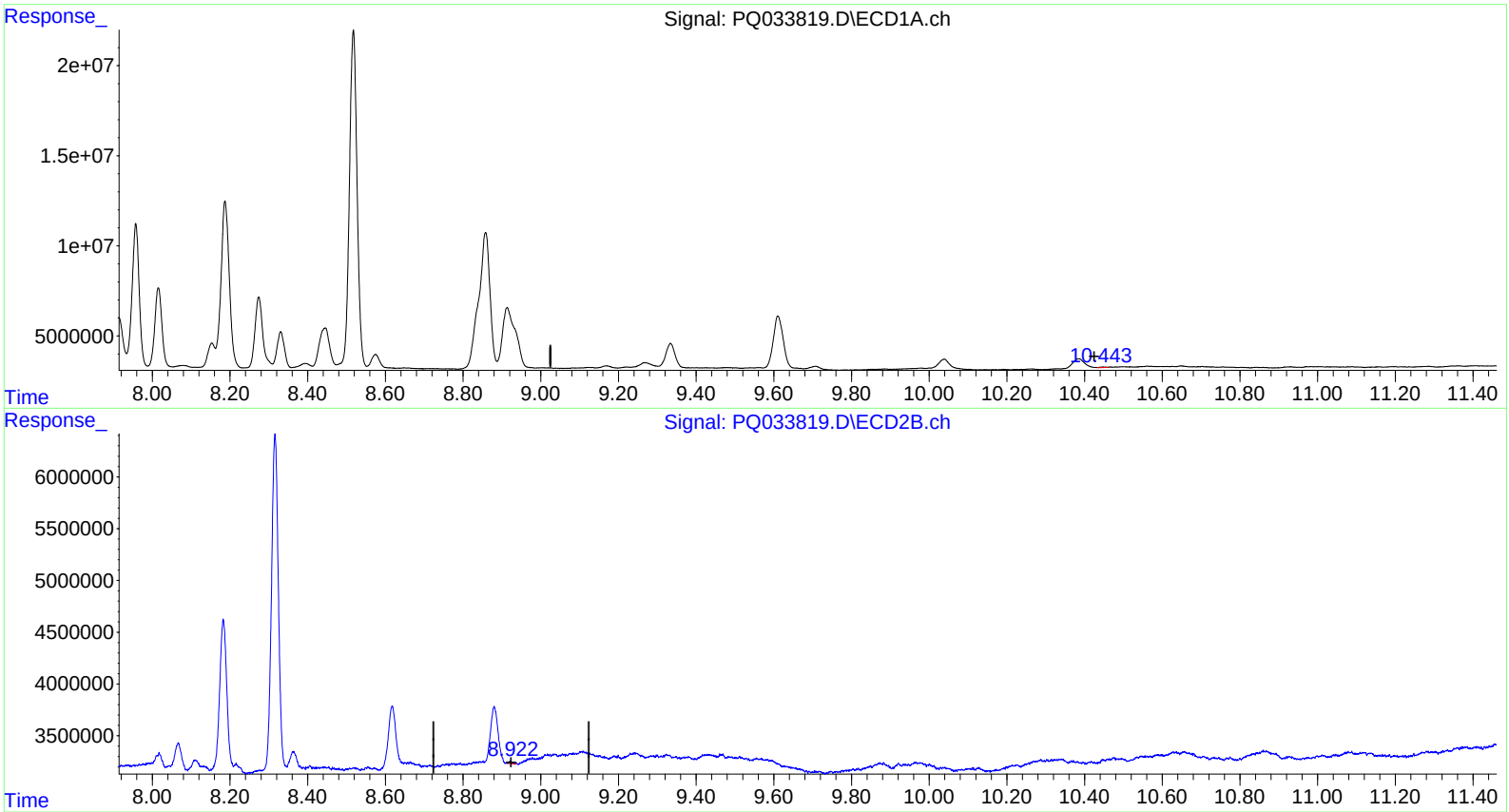
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102918\
Data File : PQ033819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:37
Operator : SM\SJ
Sample : J5673-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:53:41 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

Instrument :
ECD_Q
ClientSampleId :
C0BM3DL

Manual Integrations APPROVED
Sohil
10/30/2018 9:32:39 AM



QEdit

(2) Decachlorobiphenyl (SA)

10.447min 0.151 ng/ml

response 285653

(2) Decachlorobiphenyl #2 (SA)

8.922min 0.075 ng/ml

response 121192

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102918\
Data File : PQ033819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:37
Operator : SM\SJ
Sample : J5673-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0BM3DL

Manual Integrations APPROVED
Sohil
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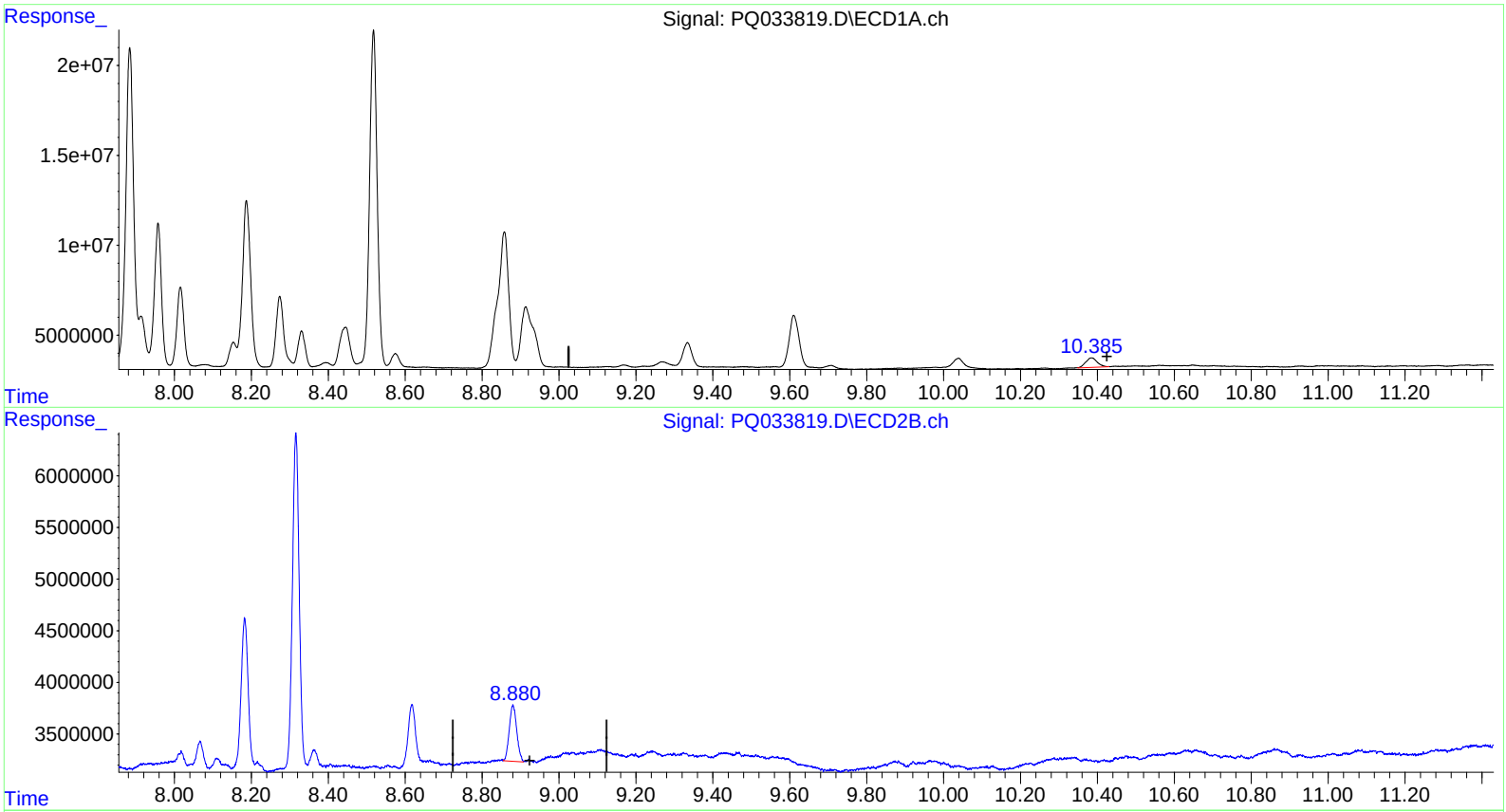
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:53:41 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

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

(2) Decachlorobiphenyl (SA)
10.385min 5.790 ng/ml m
response 10945679

(2) Decachlorobiphenyl #2 (SA)
8.880min 4.566 ng/ml m
response 7339557

(+) = Expected Retention Time

Quantitation Report (Qedit)

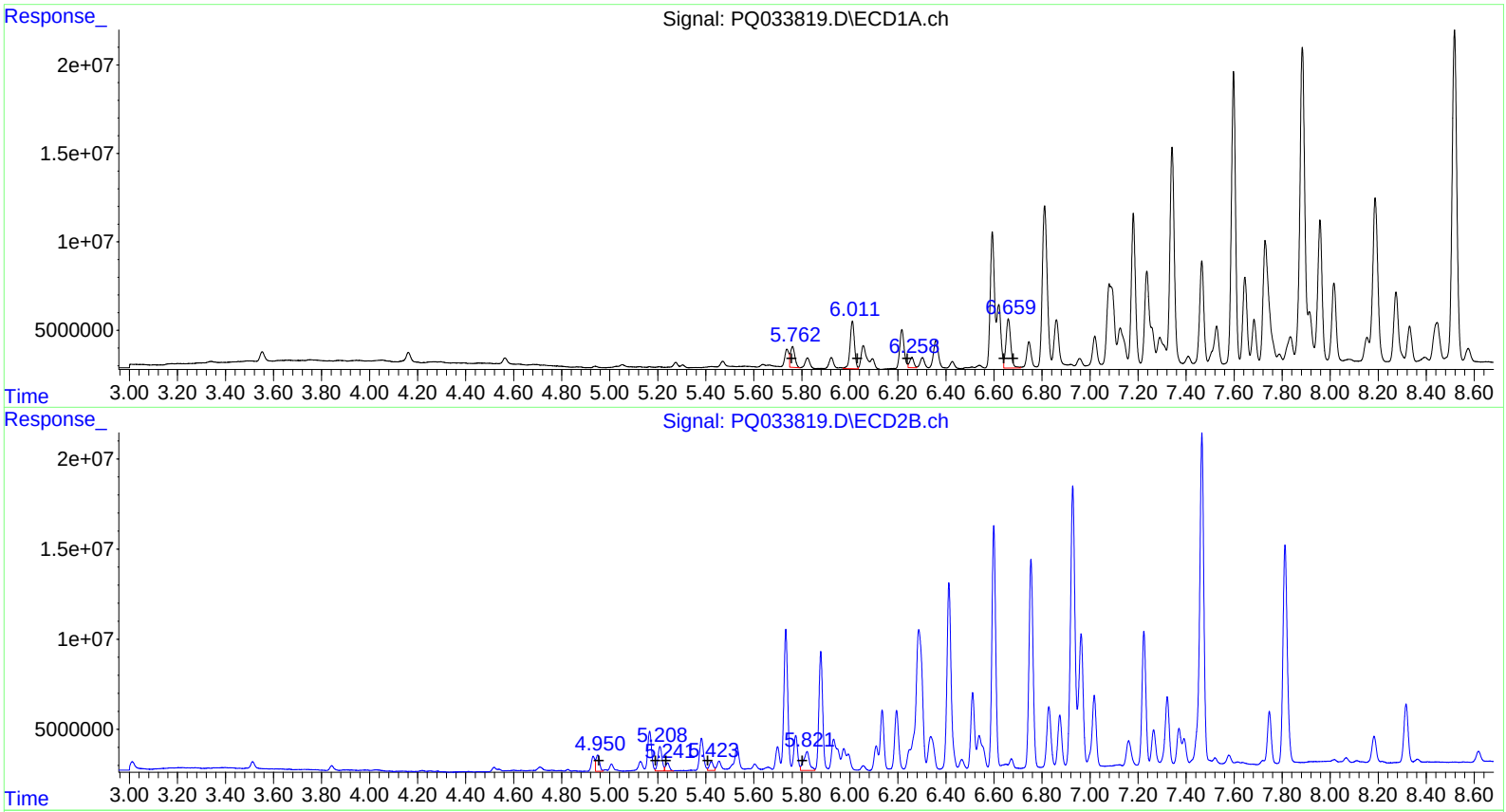
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102918\
Data File : PQ033819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:37
Operator : SM\SJ
Sample : J5673-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0BM3DL

Manual Integrations APPROVED
Sohil
10/30/2018 9:32:39 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:53:41 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

(21) AR-1248-1 (L5)

R.T.	Response	Conc
5.76	15177096	305.97
6.01	34065073	463.14
6.26	7078257	86.61
6.66	38117124	406.92
6.66	38117124	429.21

(21) AR-1248-1 #2 (L5)

R.T.	Response	Conc
4.95	9711120	236.97
5.21	15950400	290.33
5.24	4878831	87.12
5.42	5673846	82.27
5.82	17816987	257.74

(+) = Expected Retention Time

Quantitation Report (Qedit)

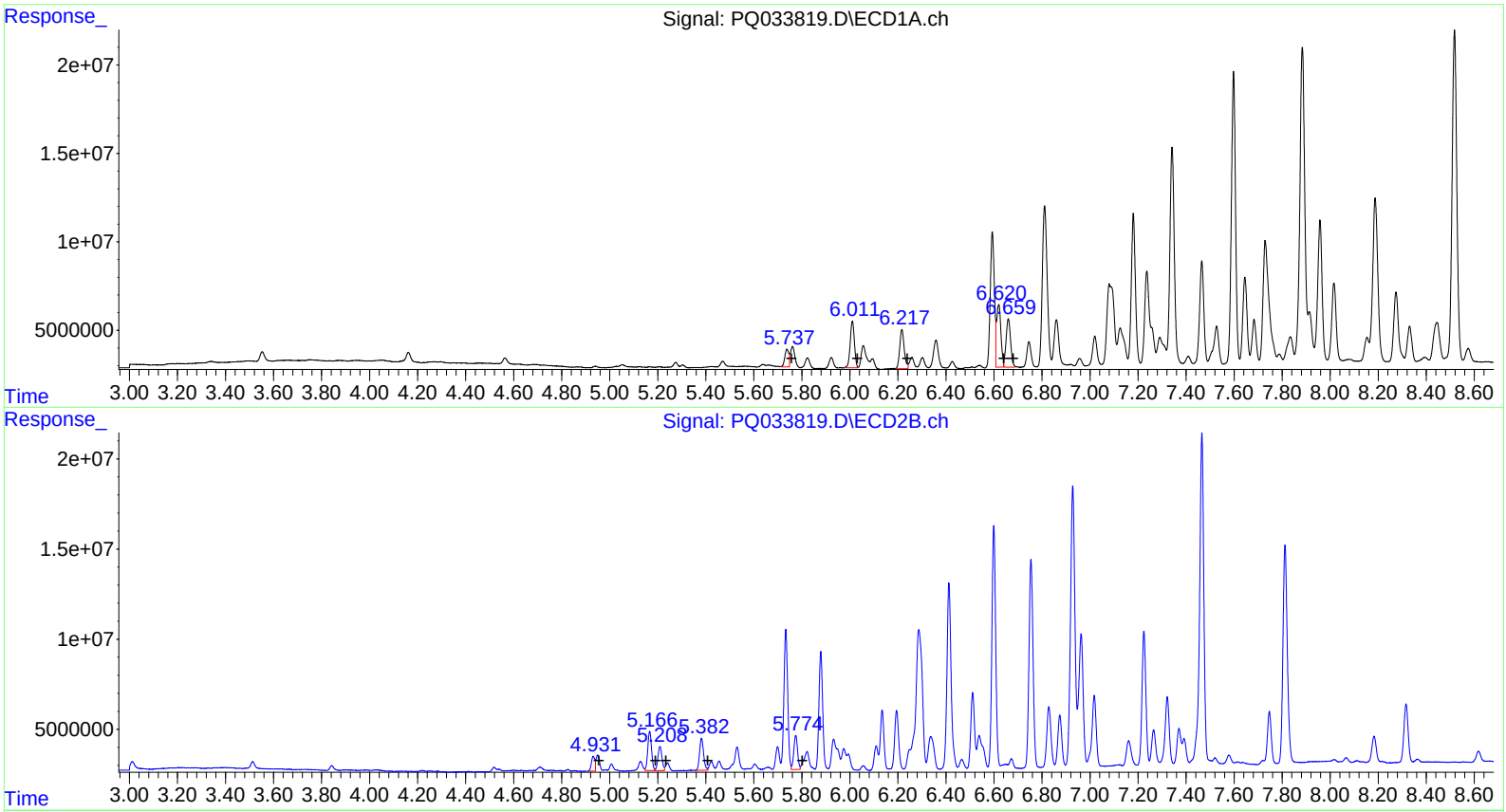
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102918\
Data File : PQ033819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:37
Operator : SM\SJ
Sample : J5673-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0BM3DL

Manual Integrations APPROVED
Sohil
10/30/2018 9:32:39 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:53:41 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

(21) AR-1248-1 #2 (L5)

R.T.	Response	Conc
5.74	11693111	235.74
6.01	32172203	437.41
6.22	28619320	350.19
6.62	44084688	470.63
6.66	35782438	402.92

(21) AR-1248-1 #2 (L5)

R.T.	Response	Conc
4.93	8284217	202.15
5.17	23810132	433.39
5.21	15687916	280.13
5.38	20654450	299.47
5.77	20830611	301.33

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102918\
Data File : PQ033819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:37
Operator : SM\SJ
Sample : J5673-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0BM3DL

Manual Integrations APPROVED
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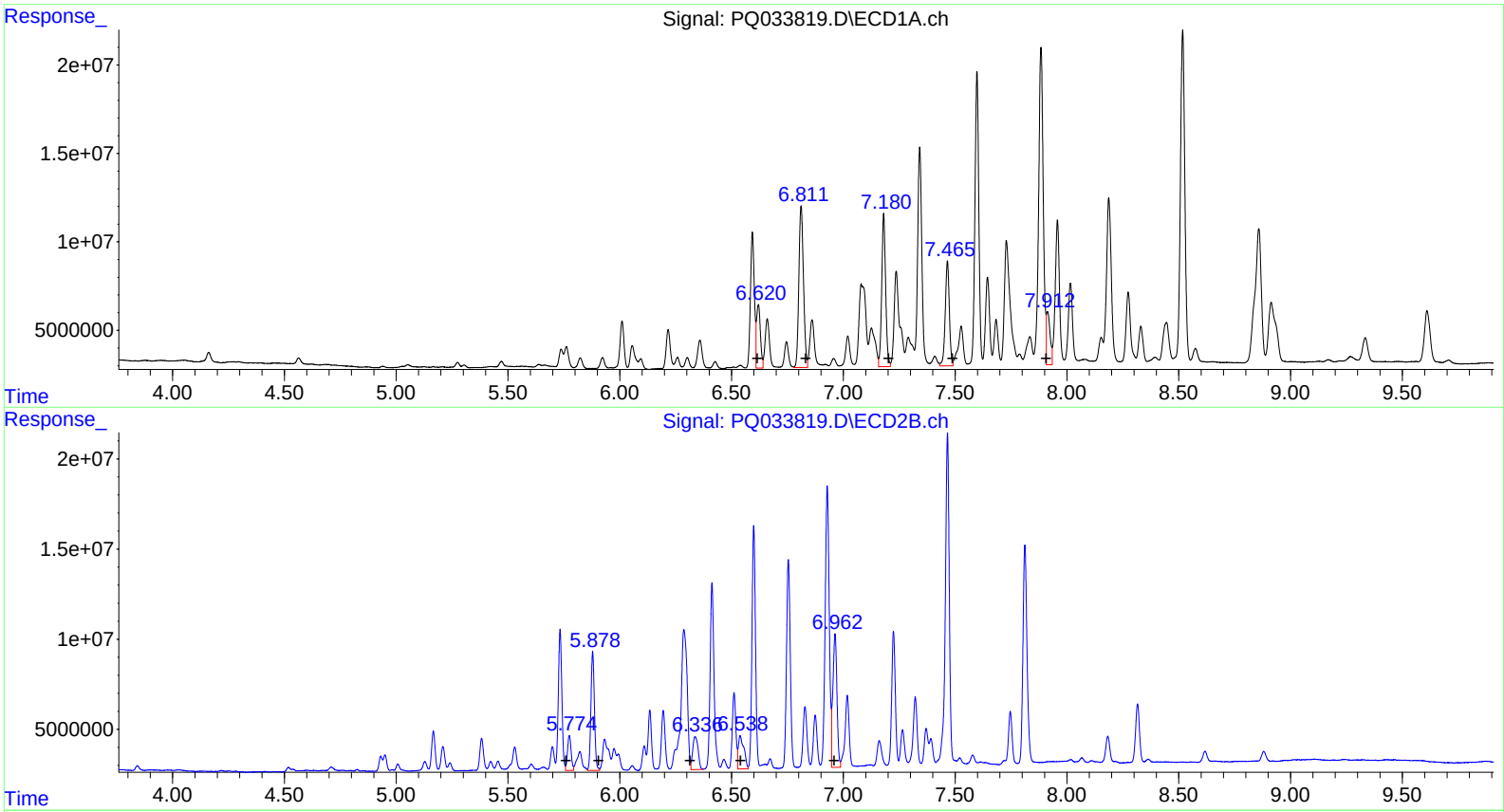
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:53:41 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

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

(26) AR-1254-1 (L6)

R.T.	Response	Conc
6.62	43207679	435.99
6.81	130994984	838.21
7.18	105048701	619.08
7.47	75328251	610.07
7.91	33776951	255.15

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

R.T.	Response	Conc
5.77	21986455	195.16
5.88	72416077	733.36
6.34	30499211	183.52
6.54	31509550	296.15
6.96	94994907	646.73

(+) = Expected Retention Time

Quantitation Report (Qedit)

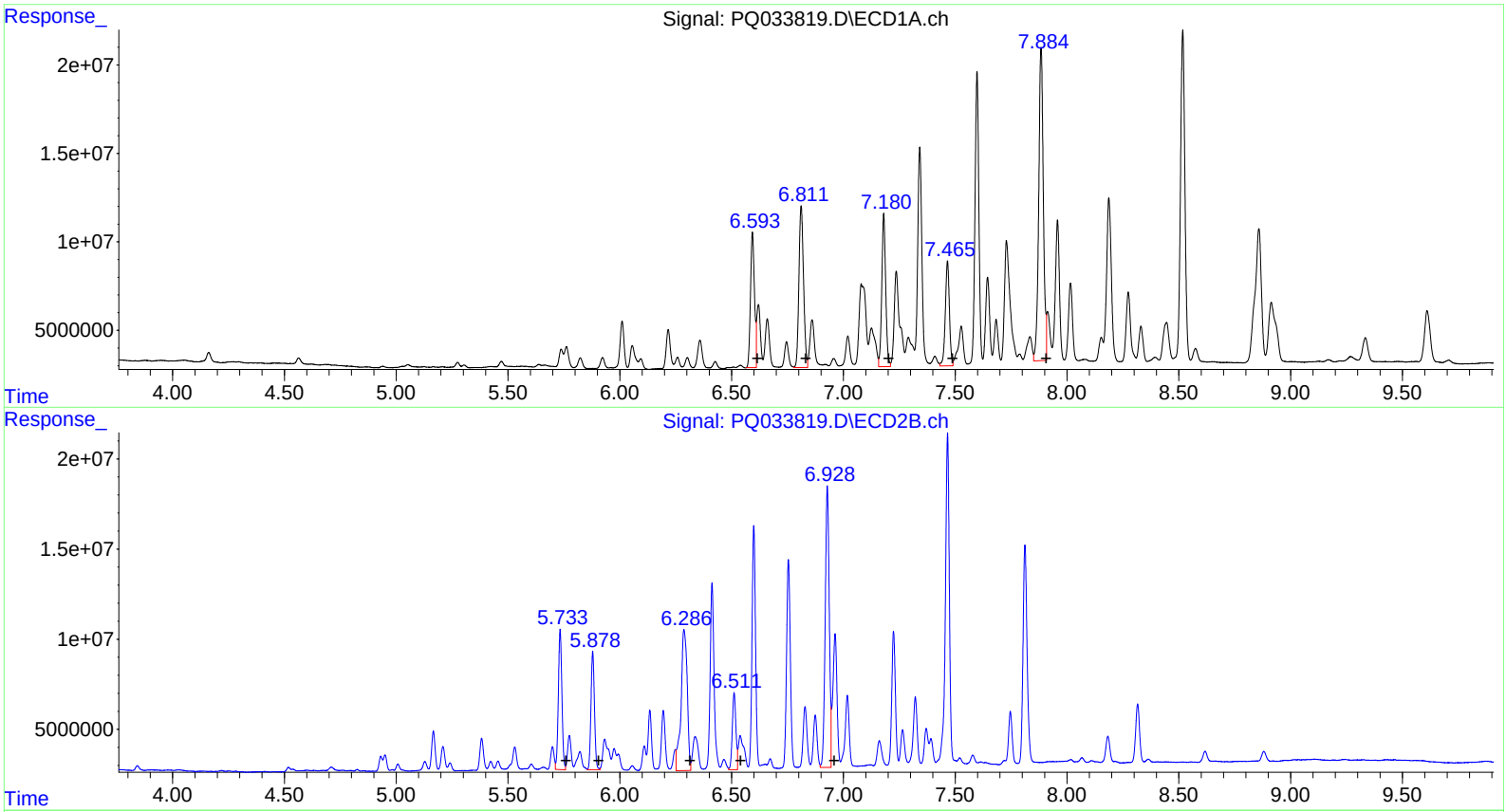
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102918\
Data File : PQ033819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:37
Operator : SM\SJ
Sample : J5673-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0BM3DL

Manual Integrations APPROVED
Sohil
10/30/2018 9:32:39 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:53:41 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

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

R.T.	Response	Conc
6.59	95458410	963.23
6.81	130994984	838.21
7.18	105048701	619.08
7.47	75328251	610.07
7.88	255309470	1928.63

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

R.T.	Response	Conc
5.73	85739120	761.04
5.88	71006457	719.09
6.29	151046703	908.88
6.51	47402927	445.53
6.93	196208254	1335.79

(+) = Expected Retention Time

Quantitation Report (Qedit)

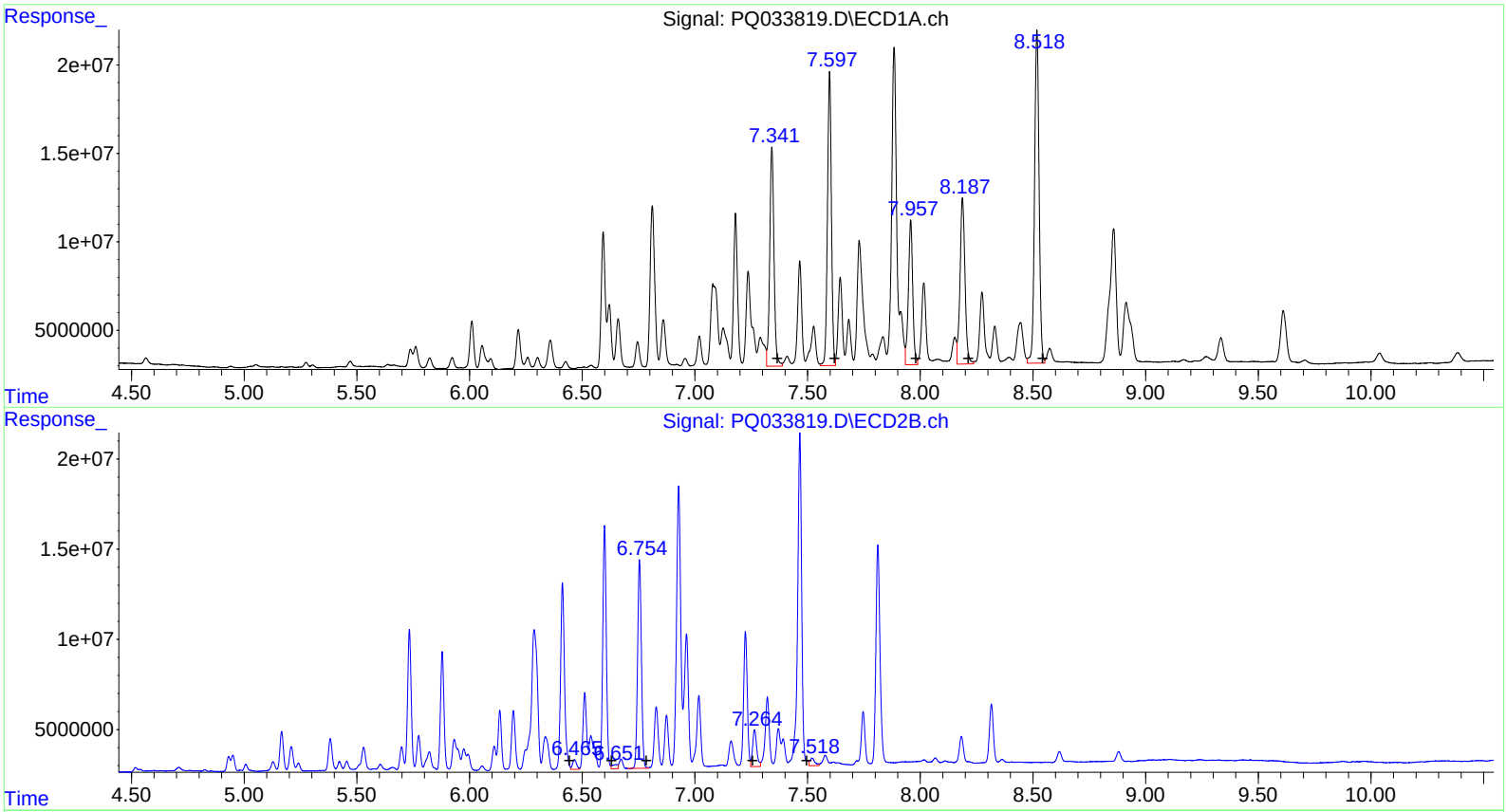
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102918\
Data File : PQ033819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:37
Operator : SM\SJ
Sample : J5673-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0BM3DL

Manual Integrations APPROVED
Sohil
10/30/2018 9:32:39 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:53:41 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



(31) AR-1260-1 (L7)

R.T.	Response	Conc
7.34	163044168	1524.39
7.60	201600871	1596.52
7.96	109250931	1402.60
8.19	144450603	1426.99
8.52	262696623	1391.20

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

R.T.	Response	Conc
6.47	6711390	71.46
6.65	3832491	32.89
6.75	135920022	1260.35
7.26	25770542	335.25
7.52	6410186	33.37

(+) = Expected Retention Time

Quantitation Report (Qedit)

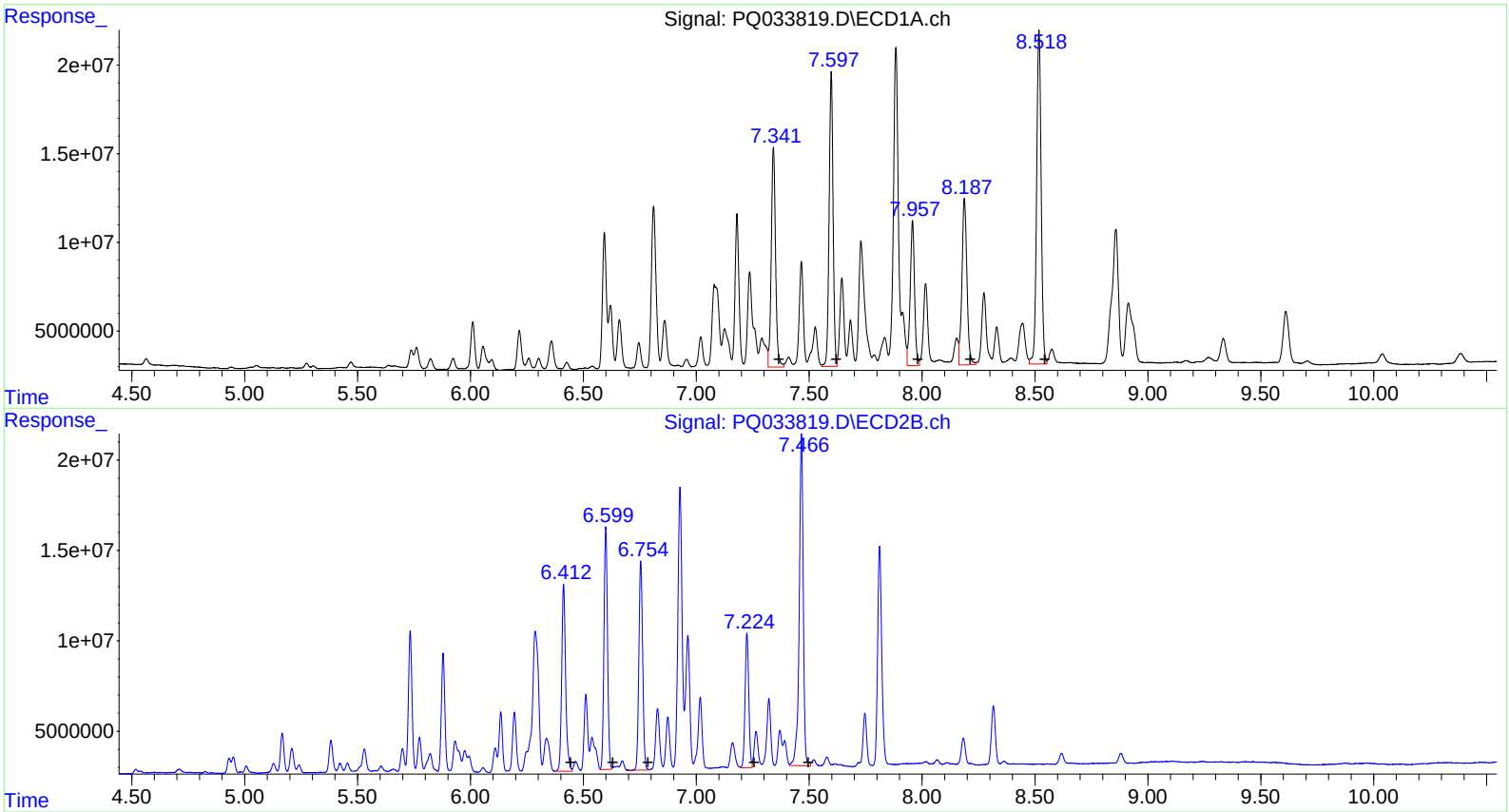
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102918\
Data File : PQ033819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:37
Operator : SM\SJ
Sample : J5673-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0BM3DL

Manual Integrations APPROVED
Sohil
10/30/2018 9:32:39 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:53:41 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

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

R.T.	Response	Conc
7.34	163044168	1524.39
7.60	201600871	1596.52
7.96	109250931	1402.60
8.19	144450603	1426.99
8.52	262696623	1391.20

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

R.T.	Response	Conc
6.41	125692363	1338.23
6.60	145698017	1250.51
6.75	135920022	1260.35
7.22	84403537	1098.01
7.47	228591292	1189.85

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102918\
Data File : PQ033819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:37
Operator : SM\SJ
Sample : J5673-19DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:53:41 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. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_Q
ClientSampleId :
C0BM3DL

Manual Integrations APPROVED
Sohil
10/30/2018 9:32:39 AM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.564	3.841	4169496	3006440	2.032	1.933m
2)	SA Decachlor...	10.385	8.880	10945679	7339557	5.790m	4.566m
	Target Compounds						
21)	L5 AR-1248-1	5.737	4.931	11693111	8284217	235.735m	202.154m
22)	L5 AR-1248-2	6.011	5.166	32172203	23810132	437.406m	433.389m
23)	L5 AR-1248-3	6.217	5.208	28619320	15687916	350.193m	280.129m
24)	L5 AR-1248-4	6.620	5.382	44084688	20654450	470.632m	299.475m#
25)	L5 AR-1248-5	6.659	5.774	35782438	20830611	402.917m	301.335m#
26)	L6 AR-1254-1	6.593	5.733	95458410	85739120	963.234m	761.036m
27)	L6 AR-1254-2	6.811	5.878	131.0E6	71006457	838.214	719.088m
28)	L6 AR-1254-3	7.180	6.286	105.0E6	151.0E6	619.083	908.876m#
29)	L6 AR-1254-4	7.465	6.511	75328251	47402927	610.071	445.532m#
30)	L6 AR-1254-5	7.883	6.928	255.3E6	196.2E6	1928.629m	1335.792m#
31)	L7 AR-1260-1	7.342	6.412	163.0E6	125.7E6	1524.392	1338.232m
32)	L7 AR-1260-2	7.598	6.599	201.6E6	145.7E6	1596.517	1250.514m
33)	L7 AR-1260-3	7.958	6.754	109.3E6	135.9E6	1402.602	1260.354
34)	L7 AR-1260-4	8.187	7.224	144.5E6	84403537	1426.993	1098.013m
35)	L7 AR-1260-5	8.518	7.466	262.7E6	228.6E6	1391.199	1189.849m

SM 10/31/18

SM 10/31/18

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