Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048592.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Jul 2018 00:58
Operator : AJ\SJ
Sample : RESC19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : RESC19

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 05:21:45 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Quant Title : GC Extractables
QLast Update : Sat Jul 28 05:19:54 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.372	3.969	24210979	344.4E6	17.572	17.905
27)	SA	Decachlor...	8.069	8.995	61234107	672.8E6	37.802	37.478
		Target Compounds						
2)	A	alpha-BHC	3.802	4.349	19618854	277.0E6	9.061	9.227
3)	MA	gamma-BHC...	4.080	4.630	19673336	259.7E6	9.239	9.286
4)	MA	Heptachlor	4.369	5.143	18761125	236.4E6	9.229	9.460
5)	MB	Aldrin	4.611	5.447	16716062	244.9E6	9.049	9.199
6)	B	beta-BHC	4.329	4.790	7349494	99164320	9.237	9.443
7)	B	delta-BHC	4.527	5.006	17480400	228.9E6	8.791	8.968
8)	B	Heptachlo...	5.050	5.827	15962635	211.0E6	9.290	9.004
9)	A	Endosulfan I	5.383	6.181	16168985	218.6E6	9.378	9.666
10)	B	trans-Chl...	5.272	6.060	16162262	238.0E6	9.176	9.555
11)	B	cis-Chlor...	5.330	6.133	15589547	223.7E6	9.057	9.329
12)	B	4,4'-DDE	5.498	6.287	33267458	382.0E6	18.403	18.981
13)	MA	Dieldrin	5.624	6.435	36584893	466.4E6	18.612	19.162
14)	MA	Endrin	5.879	6.650	31625791	365.4E6	19.041	19.707
15)	B	Endosulfa...	6.152	6.852	30117542	363.9E6	18.303	18.930
16)	A	4,4'-DDD	6.010	6.769	30340607	307.8E6	18.869	19.576
17)	MA	4,4'-DDT	6.247	7.068	31262363	310.9E6	18.515	19.014
18)	B	Endrin al...	6.321	6.975	25347991	301.7E6	18.874	19.462
19)	B	Endosulfa...	6.532	7.197	28019329	350.1E6	18.469	19.002
20)	A	Methoxychlor	6.797	7.522	85843133	689.1E6	98.188	99.593
21)	B	Endrin ke...	7.020	7.662	36883462	340.8E6	19.956	19.779

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

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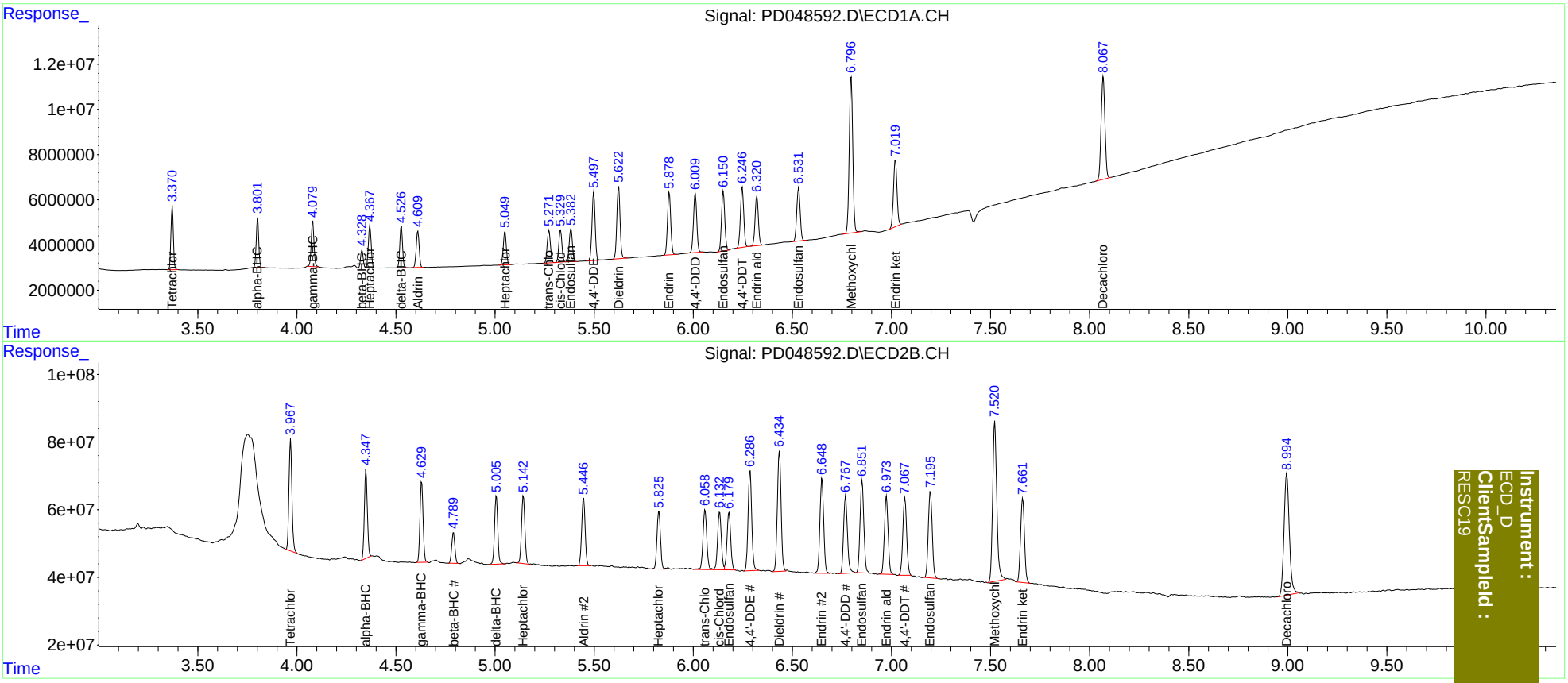
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048592.D
Acq On : 28 Jul 2018 00:58
Operator : AJ\SJ
Sample : RESC19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : RESC19

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Title : GC Extractables
Last Update : Sat Jul 28 05:19:54 2018
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

RT#1	RT#2	Resolution
3.372	3.802	100.00%
3.802	4.080	100.00%
4.080	4.329	100.00%
4.329	4.369	99.70%
4.369	4.527	100.00%
4.527	4.611	100.00%
4.611	5.050	100.00%
5.050	5.272	100.00%
5.272	5.330	100.00%
5.330	5.383	99.85%
5.383	5.498	100.00%
5.498	5.624	100.00%
5.624	5.879	100.00%
5.879	6.010	100.00%
6.010	6.152	100.00%
6.152	6.247	100.00%
6.247	6.321	100.00%
6.321	6.532	100.00%
6.532	6.797	100.00%
6.797	7.020	100.00%
7.020	8.069	100.00%

Signal #2

3.969	4.349	100.00%
4.349	4.630	100.00%
4.630	4.790	100.00%
4.790	5.006	100.00%
5.006	5.143	100.00%
5.143	5.447	100.00%
5.447	5.827	100.00%
5.827	6.060	100.00%
6.060	6.133	98.85%
6.133	6.181	95.07%
6.181	6.287	100.00%
6.287	6.435	100.00%
6.435	6.650	100.00%
6.650	6.769	100.00%
6.769	6.852	100.00%
6.852	6.975	100.00%
6.975	7.068	100.00%
7.068	7.197	100.00%
7.197	7.521	100.00%
7.521	7.662	100.00%
7.662	8.995	100.00%

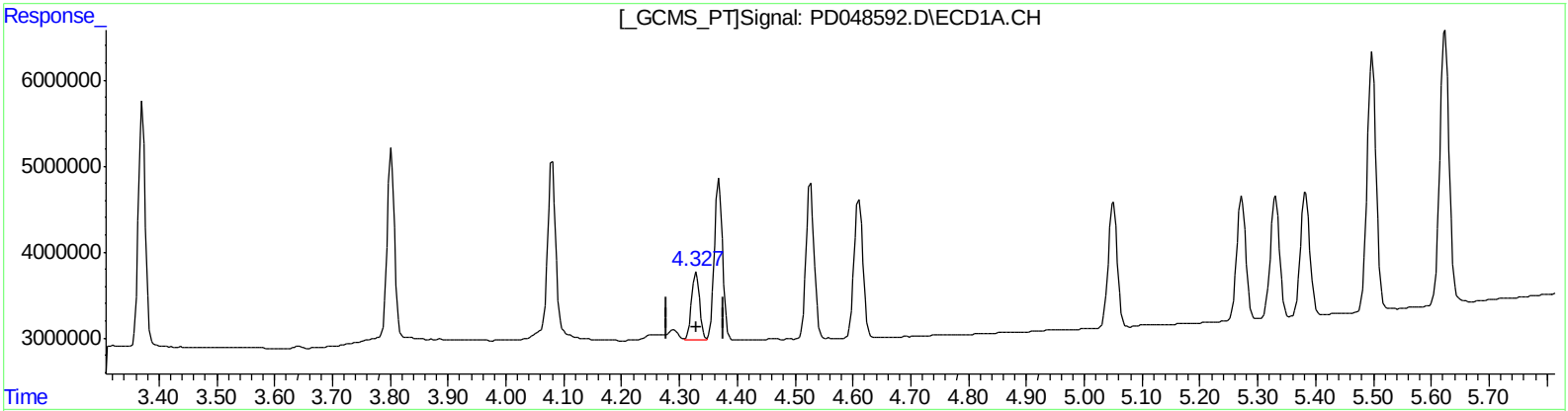
Quantitation Report (Qedit)

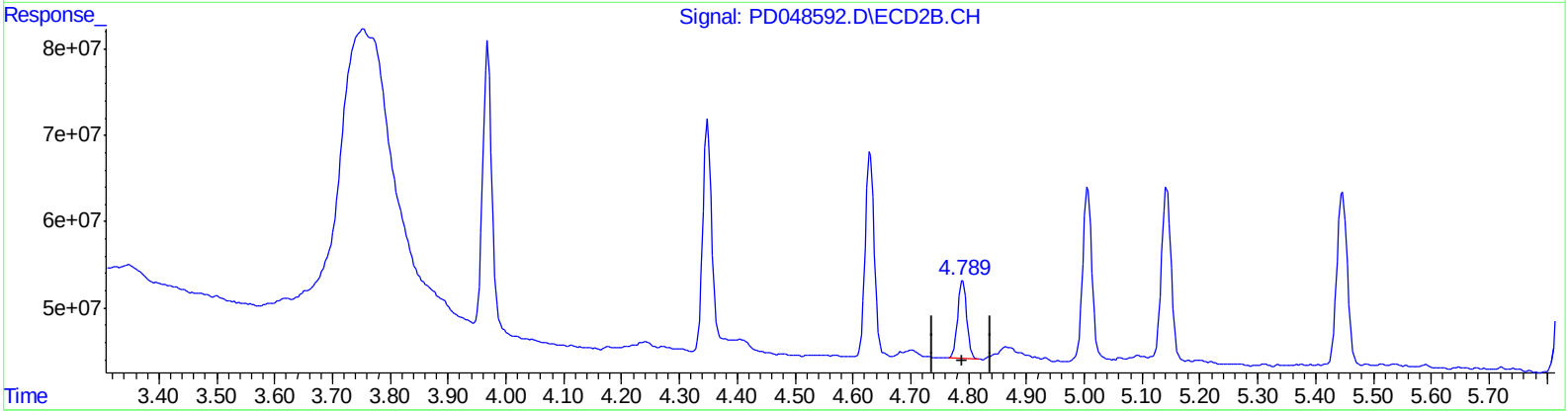
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048592.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Jul 2018 00:58
Operator : AJ\SJ
Sample : RESC19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : RESC19

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 05:22:14 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Quant Title : GC Extractables
QLast Update : Sat Jul 28 05:19:54 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(6) beta-BHC (B)
4.329min 9.237 ng/ml
response 7349494

(6) beta-BHC #2 (B)
4.790min 9.443 ng/ml
response 99164320

(+) = Expected Retention Time

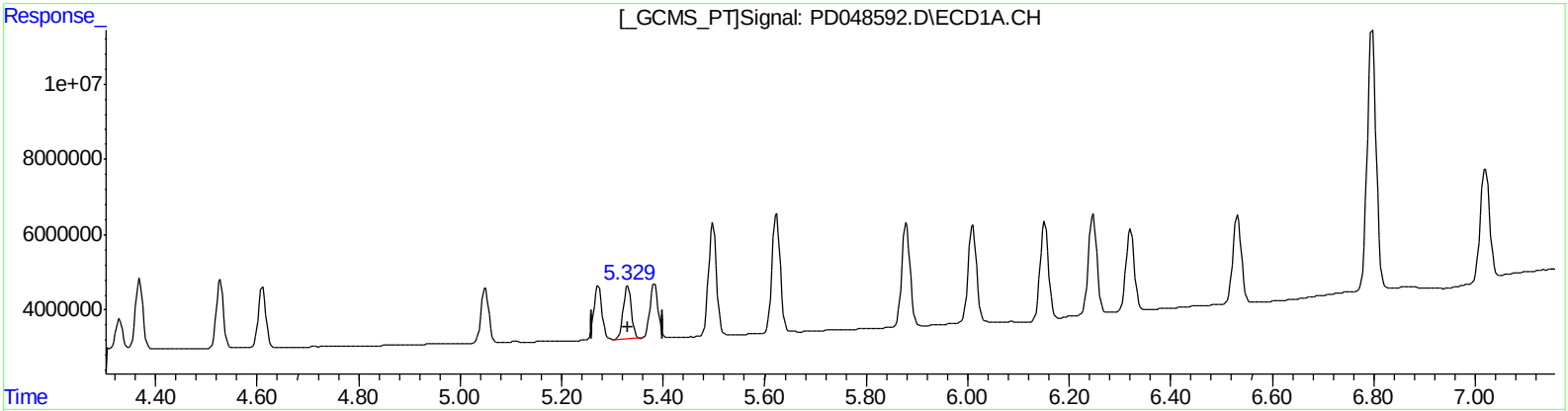
Quantitation Report (Qedit)

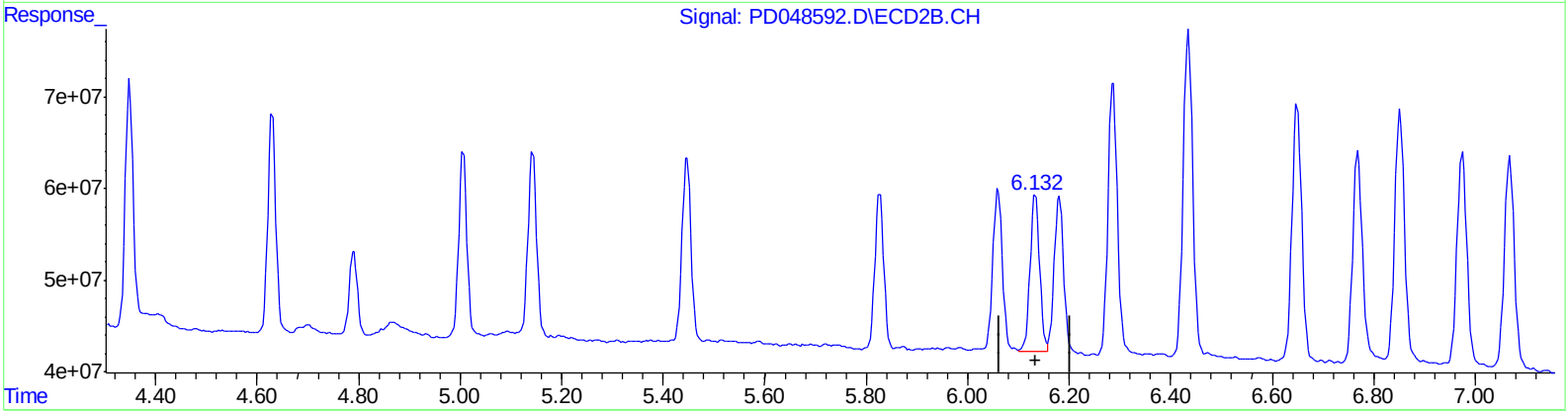
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048592.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Jul 2018 00:58
Operator : AJ\SJ
Sample : RESC19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC19

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 05:22:14 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Quant Title : GC Extractables
QLast Update : Sat Jul 28 05:19:54 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(11) cis-Chlordane (B)
5.330min 9.057 ng/ml
response 15589547

(11) cis-Chlordane #2 (B)
6.133min 9.329 ng/ml
response 223675573

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
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Acq On : 28 Jul 2018 00:58
Operator : AJ\SJ
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC19

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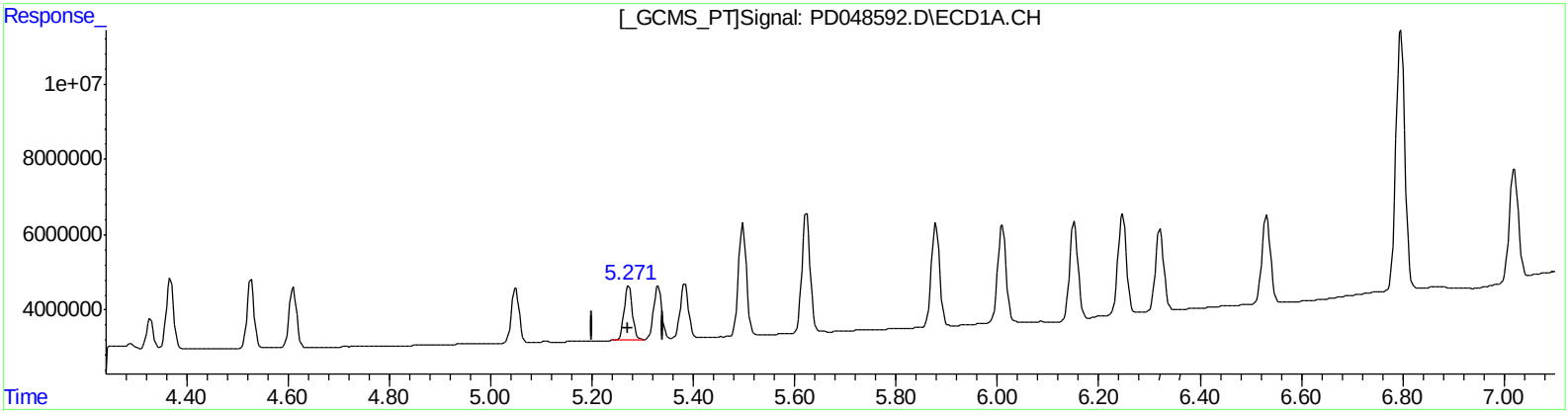
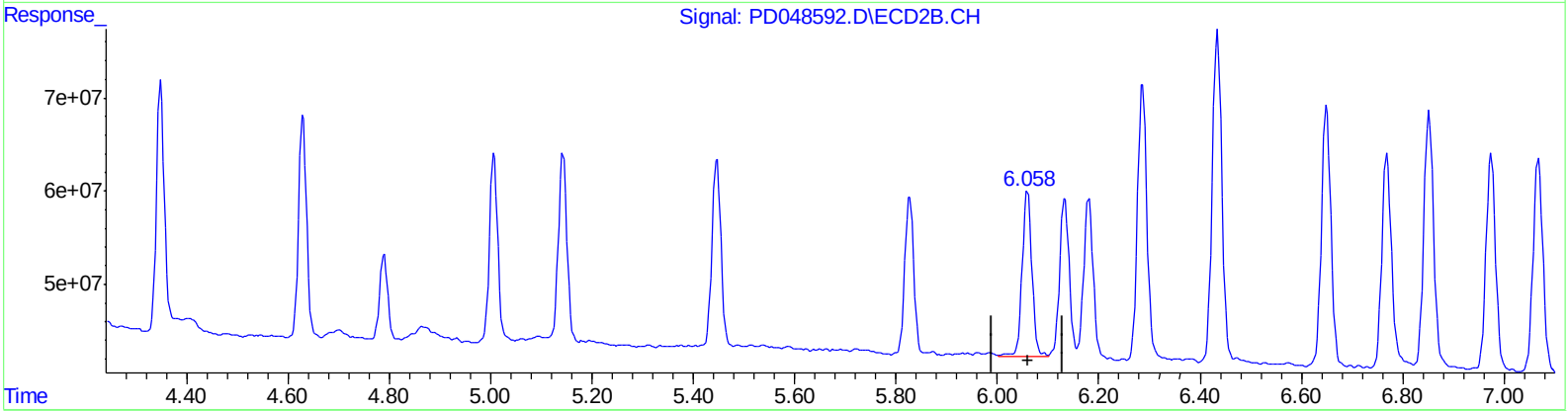
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(10) trans-Chlordane (B)
5.272min 9.176 ng/ml
response 16162262

(10) trans-Chlordane #2 (B)
6.060min 9.555 ng/ml
response 238047111

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048592.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Jul 2018 00:58
Operator : AJ\SJ
Sample : RESC19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : RESC19

Integration File signal 1: autoint1.e
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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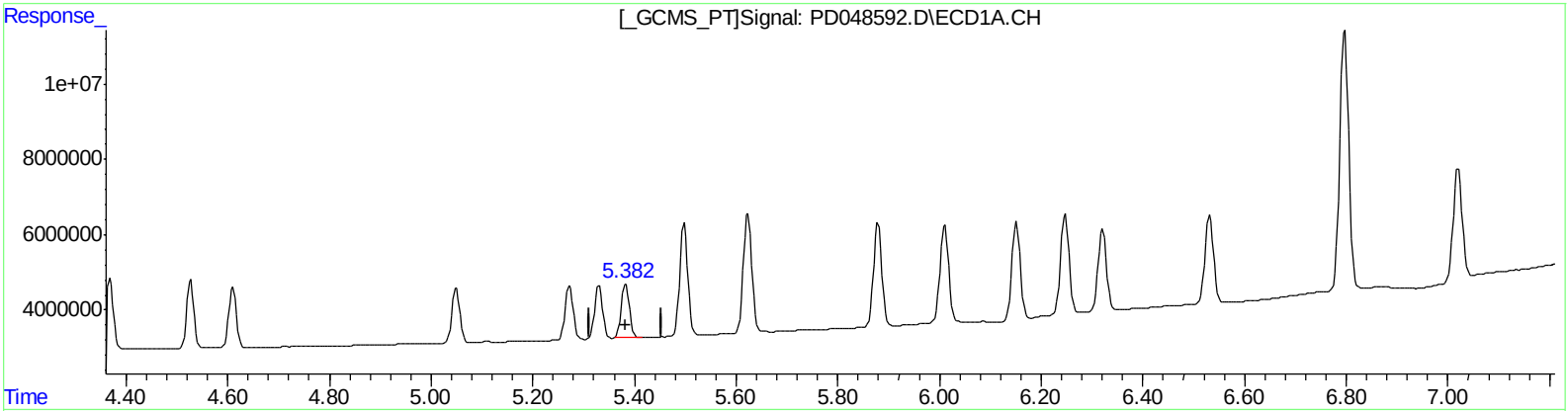

QEdit

(9) Endosulfan I (A)
5.383min 9.378 ng/ml
response 16168985

(9) Endosulfan I #2 (A)
6.181min 9.666 ng/ml
response 218640544

(+) = Expected Retention Time