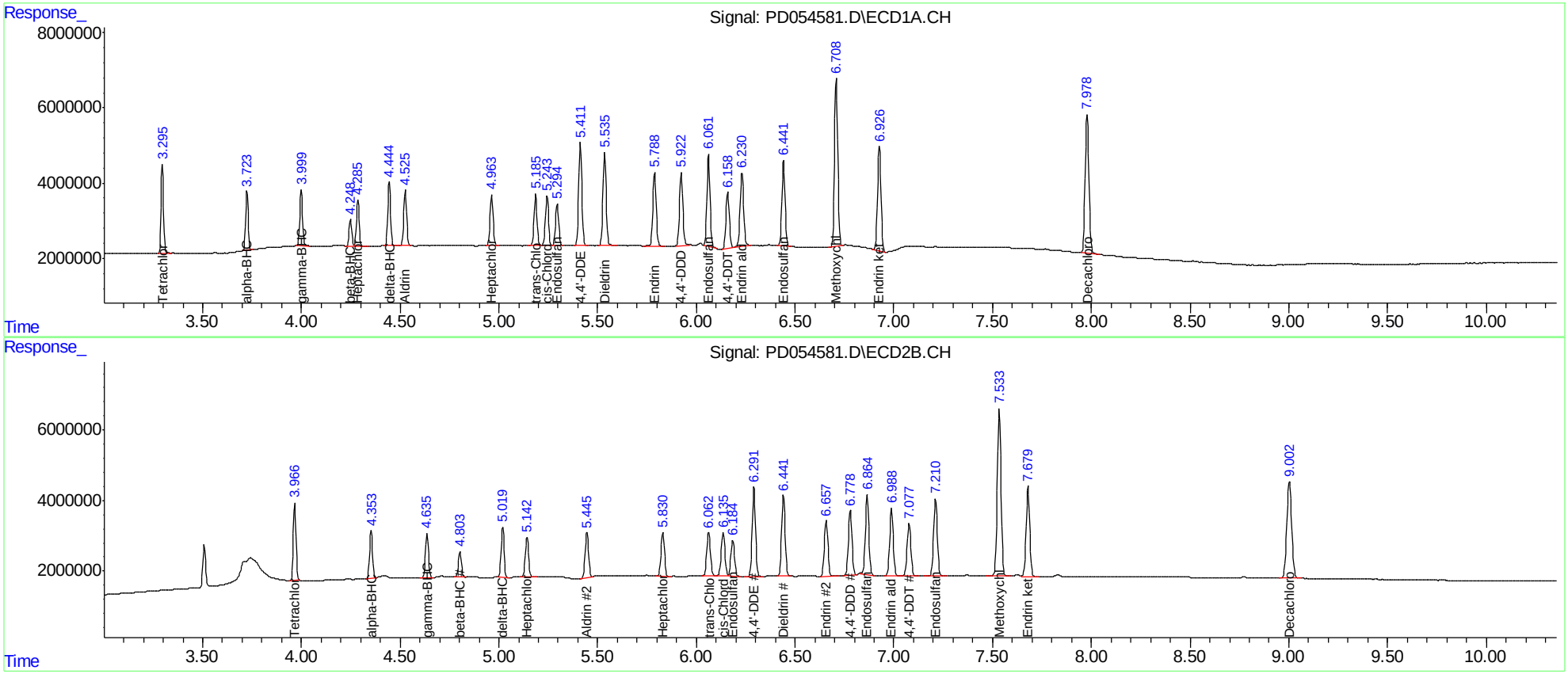
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
Data File : PD054581.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Sep 2019 17:55
Operator : SG\AJ
Sample : RESC02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 05:27:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 05:19:07 2019
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



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	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.297	3.967	20734838	21421227	22.816	22.110
27) SA	Decachlor...	7.980	9.003	48876594	48778556	44.793	43.552
	Target Compounds						
2) A	alpha-BHC	3.725	4.354	14081002	13447431	10.347	9.860
3) MA	gamma-BHC...	4.000	4.636	13932983	13206464	10.571	9.910
4) MA	Heptachlor	4.287	5.143	12068534	13142932	10.240	9.770
5) MB	Aldrin	4.527	5.446	14849055	15091965	11.947	11.416
6) B	beta-BHC	4.250	4.804	6682753	7557806	12.439	12.249
7) B	delta-BHC	4.446	5.020	16216670	15211528	12.310	11.125
8) B	Heptachlo...	4.964	5.831	14244606	15254977	11.859	11.233
9) A	Endosulfan I	5.296	6.185	12170397	13062447	10.592	10.198
10) B	trans-Chl...	5.187	6.063	14813205	15766929	11.781	11.479
11) B	cis-Chlor...	5.244	6.136	14403582	15964290	11.880	11.764
12) B	4,4'-DDE	5.413	6.292	30108626	31254082	23.401	22.358
13) MA	Dieldrin	5.536	6.442	27911861	27974891	20.246	19.614
14) MA	Endrin	5.789	6.658	22866489	20605561	20.753	19.900
15) B	Endosulfa...	6.063	6.866	28464631	28943047	23.708	23.067
16) A	4,4'-DDD	5.924	6.780	22287889	22861963	20.535	19.645
17) MA	4,4'-DDT	6.160	7.078	17489446	19818746	18.609	18.704
18) B	Endrin al...	6.231	6.989	23957306	25096402	24.550	23.686
19) B	Endosulfa...	6.442	7.212	27169698	28373762	23.814	23.209
20) A	Methoxychlor	6.709	7.534	52698483	61533019	101.469	100.237
21) B	Endrin ke...	6.927	7.681	32971983	33704559	26.038	25.061

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

Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091619\
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Operator : SG\AJ
Sample : RESC02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : RESC02

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091619CLP.M
Title : GC Extractables
Last Update : Tue Sep 17 05:19:07 2019
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

RT#1	RT#2	Resolution
3.297	3.725	100.00%
3.725	4.000	100.00%
4.000	4.250	100.00%
4.250	4.287	98.27%
4.287	4.446	100.00%
4.446	4.527	100.00%
4.527	4.964	100.00%
4.964	5.187	100.00%
5.187	5.244	100.00%
5.244	5.296	100.00%
5.296	5.413	100.00%
5.413	5.536	100.00%
5.536	5.789	100.00%
5.789	5.924	100.00%
5.924	6.063	100.00%
6.063	6.160	100.00%
6.160	6.231	100.00%
6.231	6.442	100.00%
6.442	6.709	100.00%
6.709	6.927	100.00%
6.927	7.980	100.00%

Signal #2

3.968	4.354	100.00%
4.354	4.636	100.00%
4.636	4.804	100.00%
4.804	5.020	100.00%
5.020	5.143	100.00%
5.143	5.446	100.00%
5.446	5.831	100.00%
5.831	6.063	100.00%
6.063	6.136	99.41%
6.136	6.185	96.77%
6.185	6.292	100.00%
6.292	6.442	100.00%
6.442	6.658	100.00%
6.658	6.780	100.00%
6.780	6.866	100.00%
6.866	6.989	100.00%
6.989	7.078	100.00%
7.078	7.212	100.00%
7.212	7.534	100.00%
7.534	7.681	100.00%
7.681	9.003	100.00%

Quantitation Report (Qedit)

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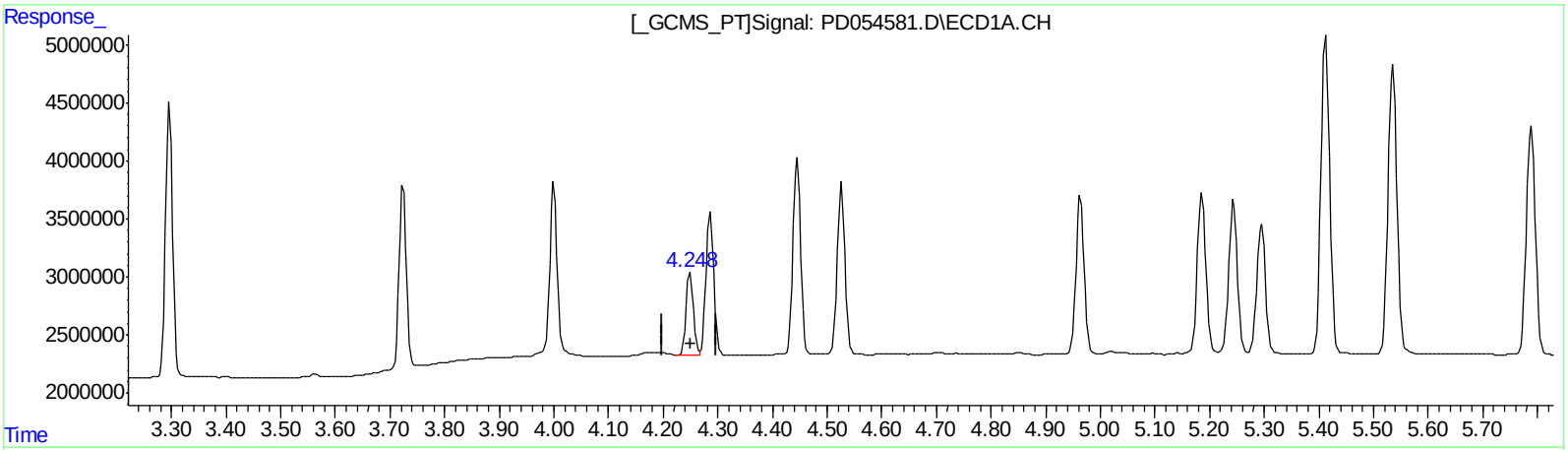

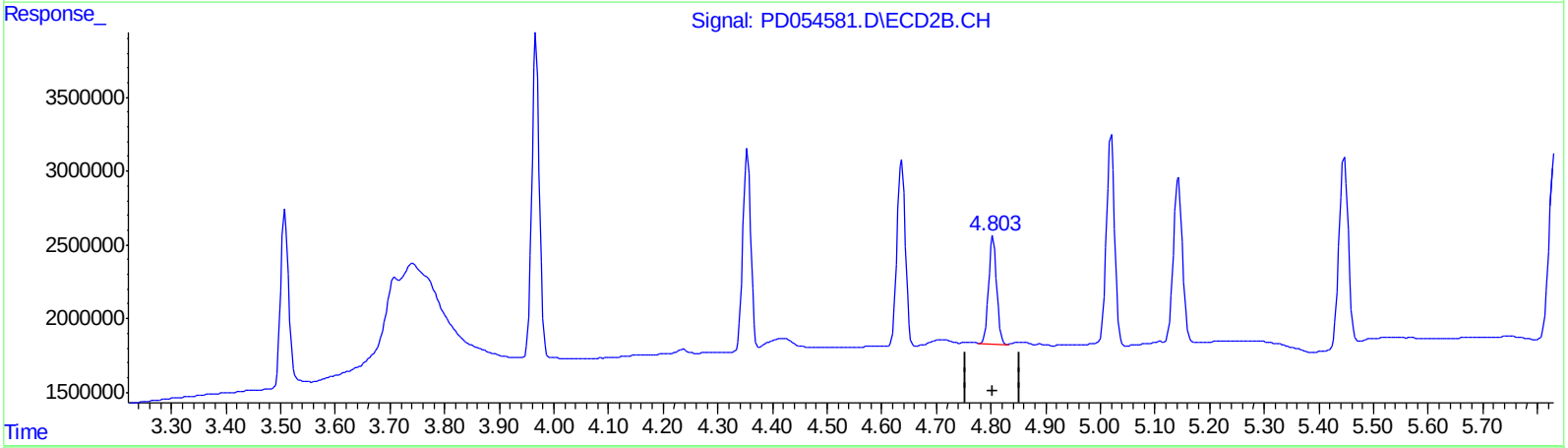

QEdit

(6) beta-BHC (B)

4.250min 12.439 ng/ml

response 6682753

(6) beta-BHC #2 (B)

4.804min 12.249 ng/ml

response 7557806

(+) = Expected Retention Time

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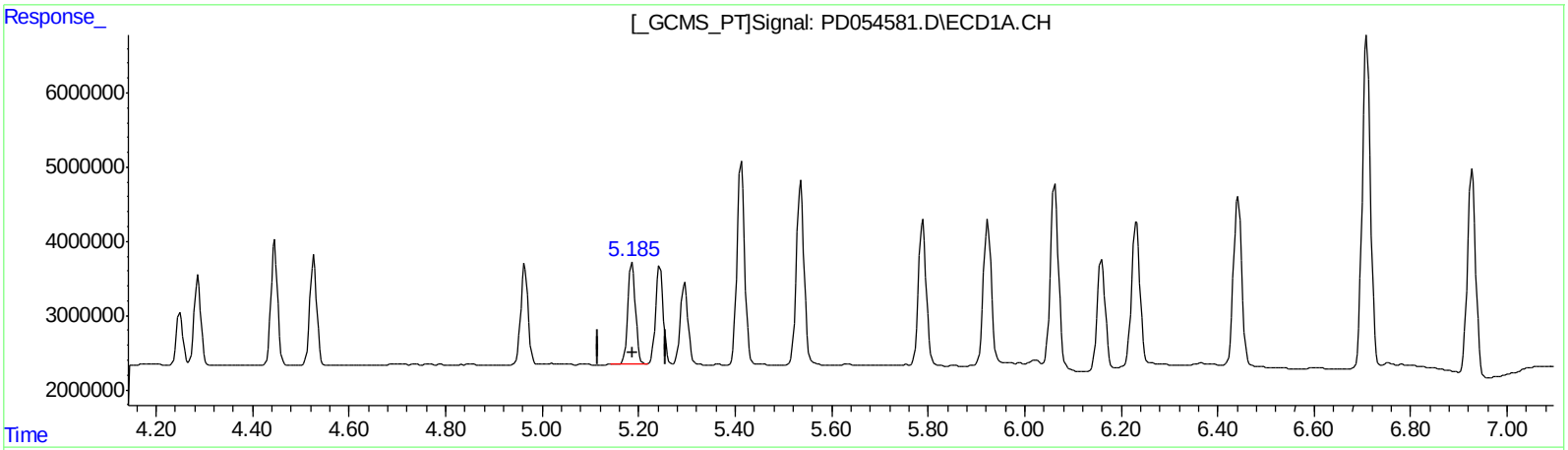

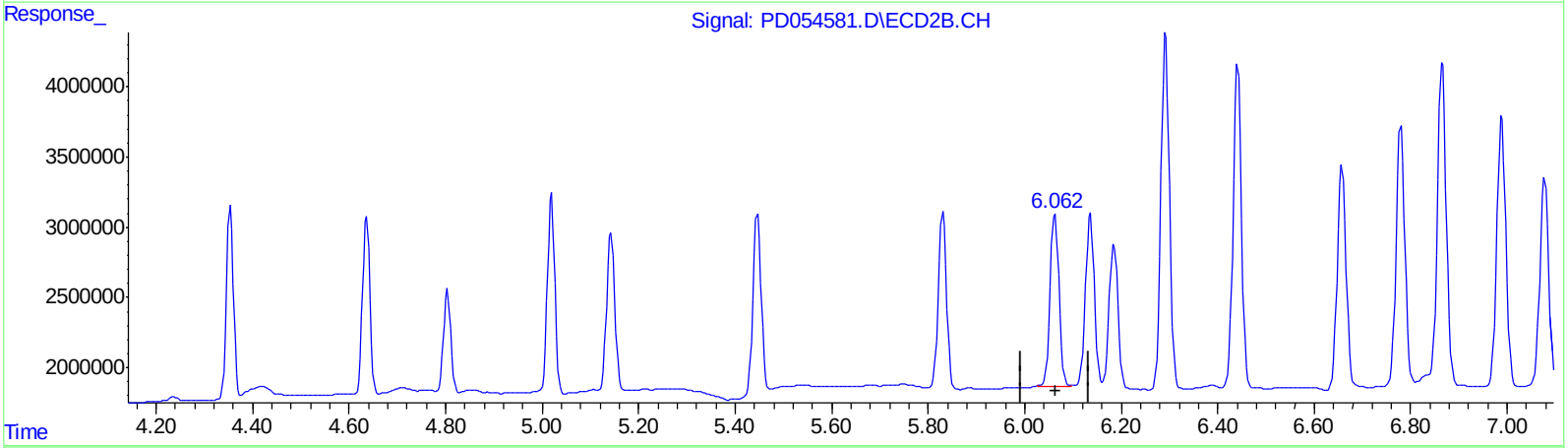

QEdit

(10) trans-Chlordane (B)

5.187min 11.781 ng/ml

response 14813205

(10) trans-Chlordane #2 (B)

6.063min 11.479 ng/ml

response 15766929

(+) = Expected Retention Time

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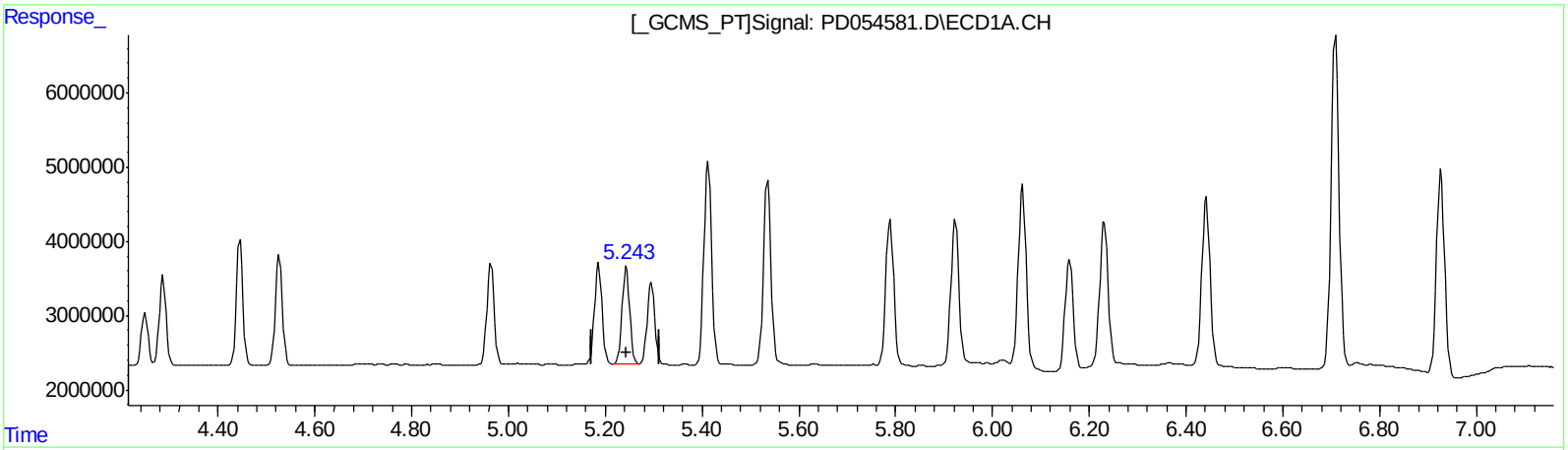

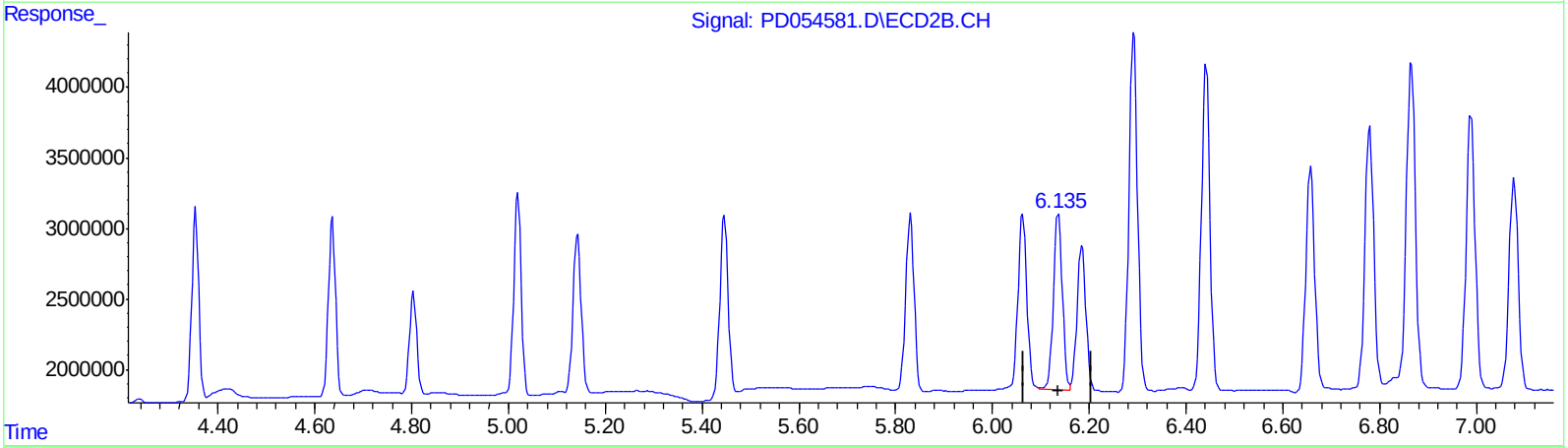

QEdit

(11) cis-Chlordane (B)

5.244min 11.880 ng/ml

response 14403582

(11) cis-Chlordane #2 (B)

6.136min 11.764 ng/ml

response 15964290

(+) = Expected Retention Time