Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050323\
Data File : PD075144.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 May 2023 11:42
Operator : AR\AJ
Sample : RESC356
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC009

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 02:16:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050323CLP.M
Quant Title : GC Extractables
QLast Update : Thu May 04 02:14:07 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.549	2.771	45778790	21313364	20.071	20.207
27) SA	Decachlor...	9.096	7.921	97529787	37201129	39.411	39.392
	Target Compounds						
2) A	alpha-BHC	4.006	3.274	35291750	14666453	9.177	9.468
3) MA	gamma-BHC...	4.339	3.604	33260990	14202686	9.252	9.662
4) MA	Heptachlor	4.931	3.945	34691020	14398410	9.306	9.854
5) MB	Aldrin	5.274	4.226	35914696	15086112	9.846	10.172
6) B	beta-BHC	4.535	3.901	16711114	7381710	10.180	10.138
7) B	delta-BHC	4.783	4.131	32066890	15522488	9.487	9.824
8) B	Heptachlo...	5.701	4.728	33415175	13994047	9.859	10.033
9) A	Endosulfan I	6.089	5.099	28606007	11699636	9.483	9.748
10) B	trans-Chl...	5.958	4.979	31715535	13569450	9.679	9.944
11) B	cis-Chlor...	6.038	5.043	33245182	13785033	9.755	9.878
12) B	4,4'-DDE	6.210	5.233	62544476	25058295	19.153	19.492
13) MA	Dieldrin	6.364	5.364	63161480	25874012	18.470	18.964
14) MA	Endrin	6.596	5.640	53360719	23356967	18.452	19.203
15) B	Endosulfa...	6.815	5.934	67824065	26434055	21.061	20.660
16) A	4,4'-DDD	6.729	5.787	46110916	18762492	19.081	18.926
17) MA	4,4'-DDT	7.044	6.040	46354164	18584393	18.262	18.439
18) B	Endrin al...	6.945	6.114	46481677	21193410	19.649	20.870
19) B	Endosulfa...	7.180	6.336	53445029	23312443	19.429	20.045
20) A	Methoxychlor	7.520	6.615	138.5E6	57264060	94.316	99.975
21) B	Endrin ke...	7.667	6.844	60359853	27020565	19.913	20.492

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

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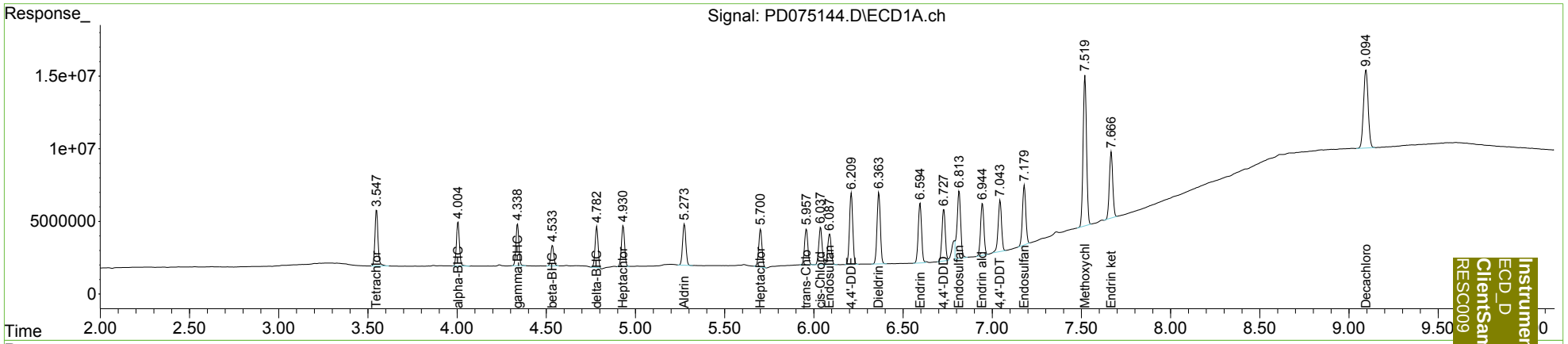

Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050323\
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Operator : AR\AJ
Sample : RESC356
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC009

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD050323CLP.M
Title : GC Extractables
Last Update : Thu May 04 02:14:07 2023
Integrator: ChemStation

RT#1	RT#2	Resolution
3.549	4.006	100.00%
4.006	4.339	100.00%
4.339	4.535	100.00%
4.535	4.783	100.00%
4.783	4.931	100.00%
4.931	5.274	100.00%
5.274	5.701	100.00%
5.701	5.958	100.00%
5.958	6.038	100.00%
6.038	6.089	96.64%
6.089	6.210	100.00%
6.210	6.364	100.00%
6.364	6.596	100.00%
6.596	6.729	100.00%
6.729	6.815	100.00%
6.815	6.945	100.00%
6.945	7.044	100.00%
7.044	7.180	100.00%
7.180	7.520	100.00%
7.520	7.667	100.00%
7.667	9.096	100.00%

Signal #2

2.771	3.274	100.00%
3.274	3.604	100.00%
3.604	3.901	100.00%
3.901	3.945	96.06%
3.945	4.131	100.00%
4.131	4.226	99.81%
4.226	4.728	100.00%
4.728	4.979	100.00%
4.979	5.043	98.42%
5.043	5.099	99.14%
5.099	5.233	100.00%
5.233	5.364	100.00%
5.364	5.640	100.00%
5.640	5.787	100.00%
5.787	5.934	100.00%
5.934	6.040	100.00%
6.040	6.114	100.00%
6.114	6.336	100.00%
6.336	6.615	100.00%
6.615	6.844	100.00%
6.844	7.921	100.00%

Quantitation Report (Qedit)

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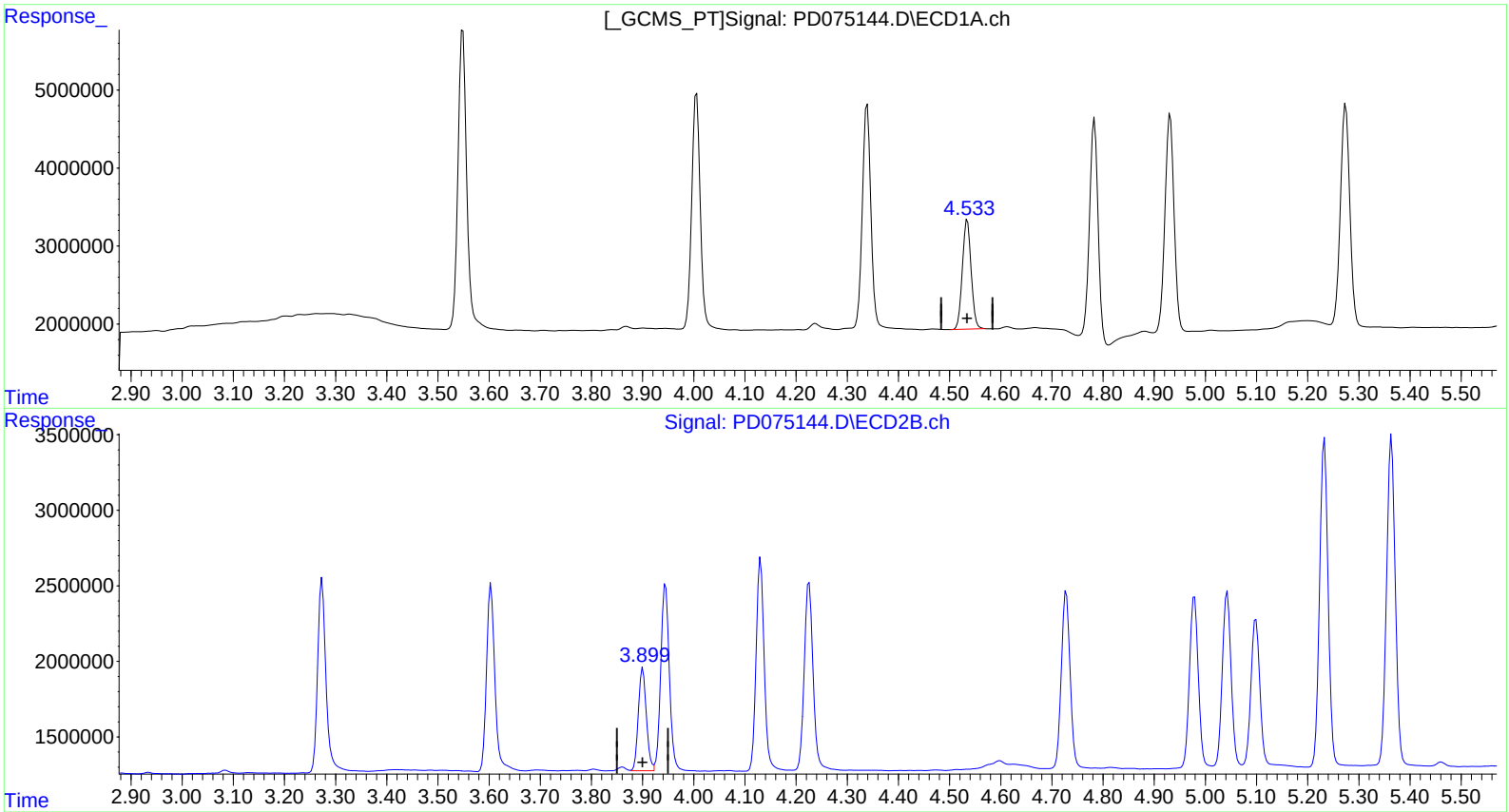

QEdit

(6) beta-BHC (B)

4.535min 10.180 ng/ml

response 16711114

(6) beta-BHC #2 (B)

3.901min 10.138 ng/ml

response 7381710

(+) = Expected Retention Time

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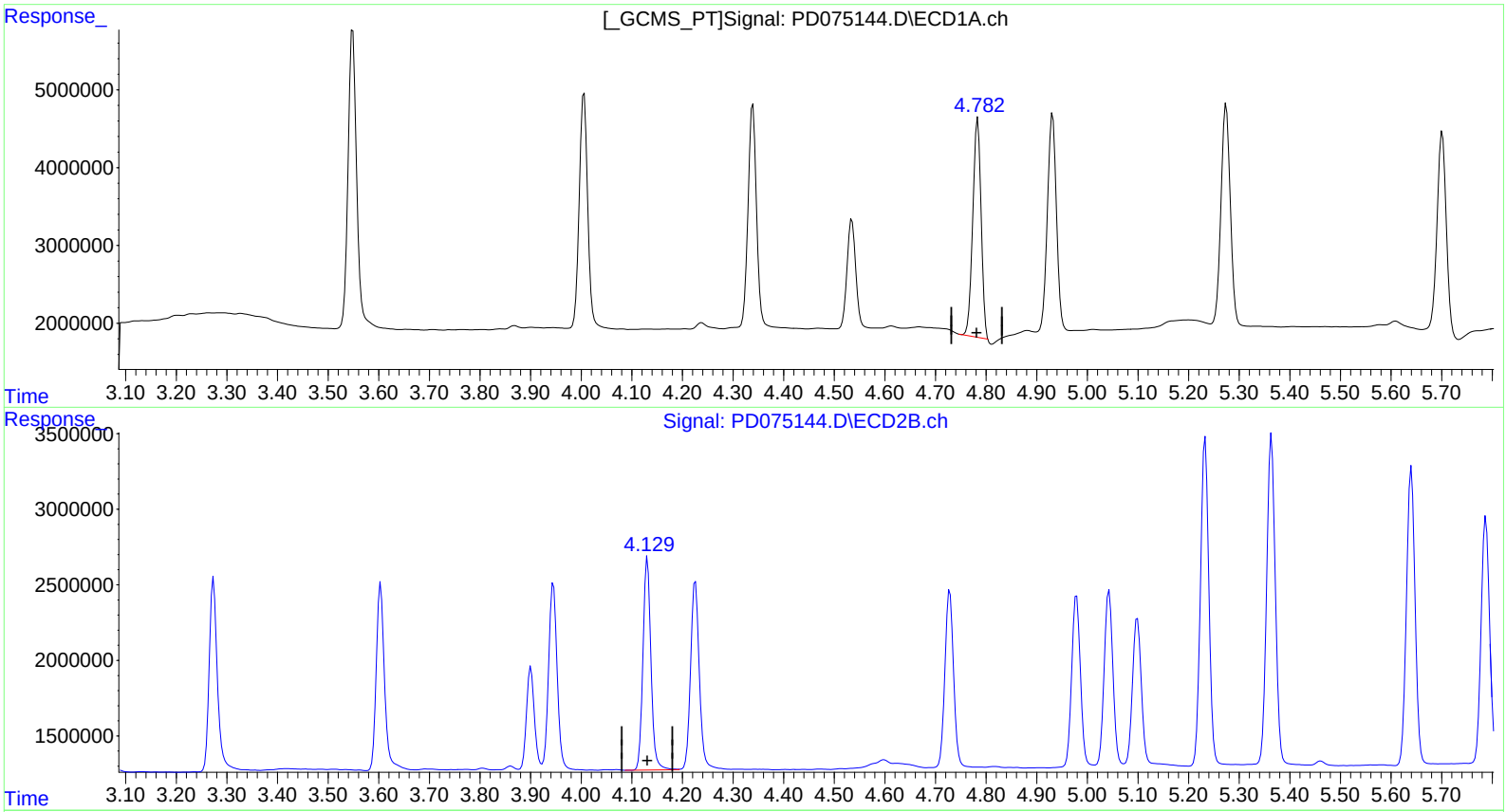

QEdit

(7) delta-BHC (B)
4.783min 9.487 ng/ml
response 32066890

(7) delta-BHC #2 (B)
4.131min 9.824 ng/ml
response 15522488

(+) = Expected Retention Time

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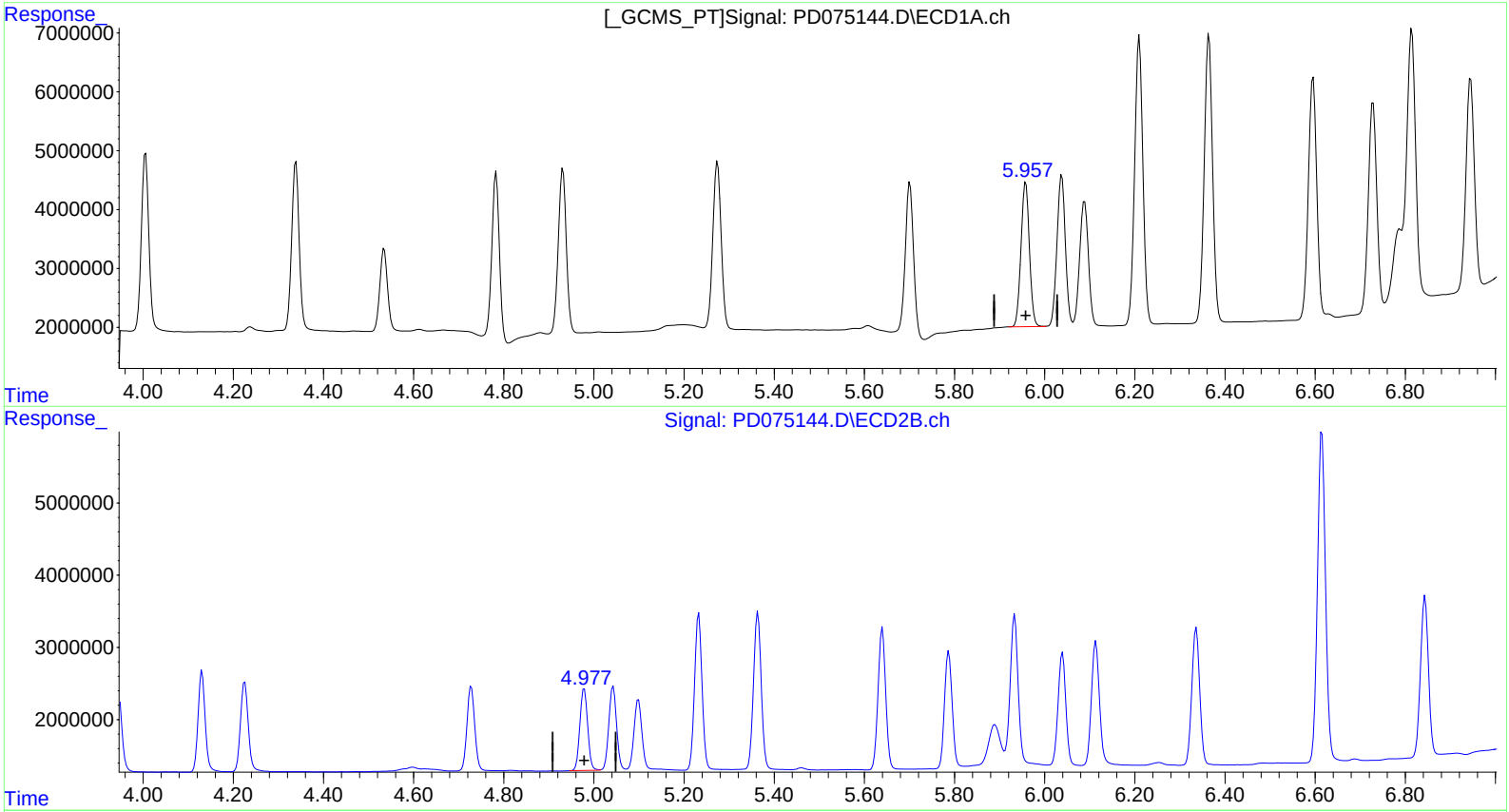

QEdit

(10) trans-Chlordane (B)

5.958min 9.679 ng/ml

response 31715535

(10) trans-Chlordane #2 (B)

4.979min 9.944 ng/ml

response 13569450

(+) = Expected Retention Time

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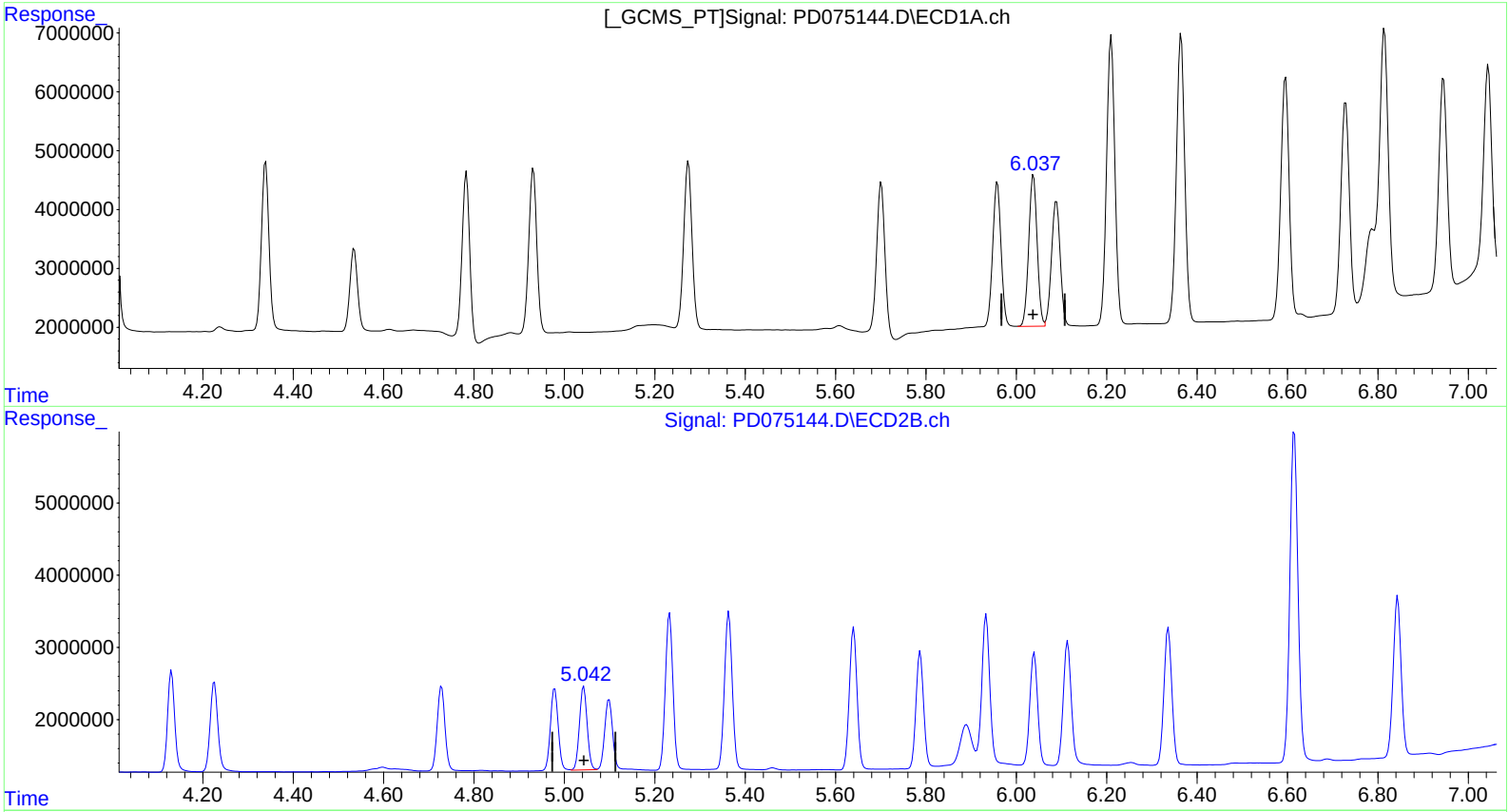

QEdit

(11) cis-Chlordane (B)

6.038min 9.755 ng/ml

response 33245182

(11) cis-Chlordane #2 (B)

5.043min 9.878 ng/ml

response 13785033

(+) = Expected Retention Time