Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041422\
Data File : PD069099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2022 11:43
Operator : AR\AJ
Sample : RESC024
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC026

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 02:29:01 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041422CLP.M
Quant Title : GC Extractables
QLast Update : Thu Apr 21 02:24:30 2022
Response via : Initial Calibration
Integrator: ChemStation

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...	3.453	4.171	23668708	225.4E6	18.681	18.679
27)	SA Decachlor...	8.212	9.369	50864267	268.7E6	38.250	38.216
	Target Compounds						
2)	A alpha-BHC	3.892	4.567	17179198	167.9E6	9.611	10.210
3)	MA gamma-BHC...	4.176	4.858	16476030	154.0E6	9.109	9.886
4)	MA Heptachlor	4.474	5.386	16646562	148.5E6	9.805	9.810
5)	MB Aldrin	4.722	5.698	15506088	140.1E6	9.734	9.817
6)	B beta-BHC	4.427	5.022	7759534	67450777	10.018	10.055
7)	B delta-BHC	4.631	5.248	15134705	90218887	9.482	7.685
8)	B Heptachlo...	5.166	6.088	14483099	86250704	9.839	7.742
9)	A Endosulfan I	5.505	6.450	15122640	120.3E6	10.363	10.126
10)	B trans-Chl...	5.393	6.323	14844904	125.5E6	9.902	9.893
11)	B cis-Chlor...	5.451	6.398	15040939	122.5E6	10.077	9.834
12)	B 4,4'-DDE	5.617	6.548	25708718	212.6E6	19.167	19.544
13)	MA Dieldrin	5.749	6.708	30059810	241.6E6	19.313	20.028
14)	MA Endrin	6.007	6.928	27479841	156.3E6	19.640	16.071
15)	B Endosulfa...	6.281	7.133	23438745	193.8E6	18.189	20.220
16)	A 4,4'-DDD	6.135	7.040	23127350	195.2E6	18.969	20.845
17)	MA 4,4'-DDT	6.375	7.343	22572107	177.1E6	18.401	19.674
18)	B Endrin al...	6.451	7.258	20154097	136.5E6	20.304	19.106
19)	B Endosulfa...	6.664	7.484	25213311	176.6E6	20.122	20.128
20)	A Methoxychlor	6.925	7.797	68866967	436.2E6	101.475	105.849
21)	B Endrin ke...	7.157	7.958	28682351	192.6E6	19.853	20.865

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

Quantitation Report (QT Reviewed)

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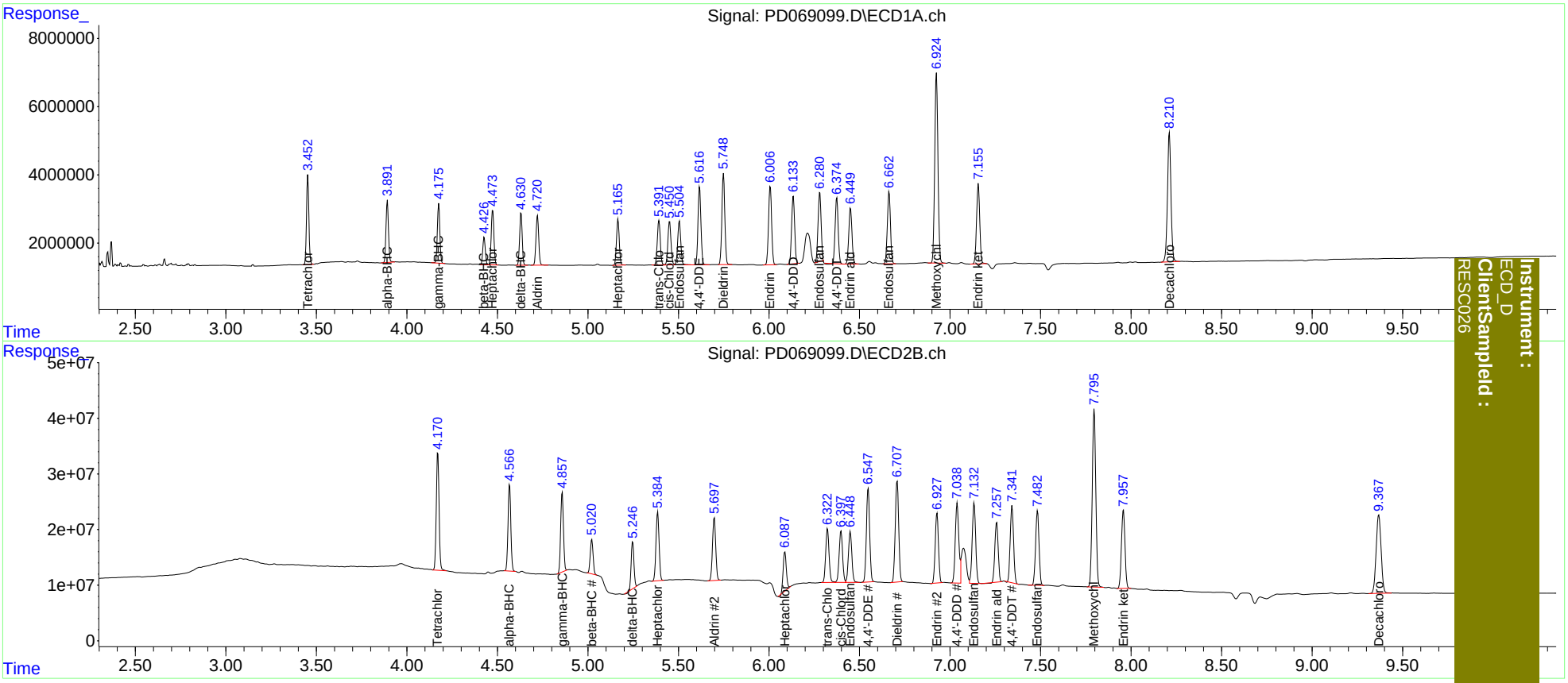

Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041422\
Data File : PD069099.D
Acq On : 13 Apr 2022 11:43
Operator : AR\AJ
Sample : RESC024
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC026

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041422CLP.M
Title : GC Extractables
Last Update : Thu Apr 21 02:24:30 2022
Integrator: ChemStation

RT#1	RT#2	Resolution
3.453	3.892	100.00%
3.892	4.176	100.00%
4.176	4.427	100.00%
4.427	4.474	100.00%
4.474	4.631	100.00%
4.631	4.722	100.00%
4.722	5.166	100.00%
5.166	5.393	100.00%
5.393	5.451	98.73%
5.451	5.505	99.79%
5.505	5.617	100.00%
5.617	5.749	100.00%
5.749	6.007	100.00%
6.007	6.135	100.00%
6.135	6.281	100.00%
6.281	6.375	100.00%
6.375	6.451	100.00%
6.451	6.664	100.00%
6.664	6.925	100.00%
6.925	7.157	100.00%
7.157	8.212	100.00%

Signal #2

4.171	4.567	100.00%
4.567	4.858	100.00%
4.858	5.022	100.00%
5.022	5.248	100.00%
5.248	5.386	100.00%
5.386	5.698	100.00%
5.698	6.088	100.00%
6.088	6.323	100.00%
6.323	6.398	85.25%
6.398	6.450	85.39%
6.450	6.548	88.02%
6.548	6.708	94.48%
6.708	6.929	100.00%
6.929	7.040	100.00%
7.040	7.133	100.00%
7.133	7.258	99.06%
7.258	7.343	100.00%
7.343	7.484	100.00%
7.484	7.797	100.00%
7.797	7.958	100.00%
7.958	9.369	100.00%

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041422\
Data File : PD069099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2022 11:43
Operator : AR\AJ
Sample : RESC024
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC026

Integration File signal 1: autoint1.e
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Quant Time: Apr 21 02:29:01 2022
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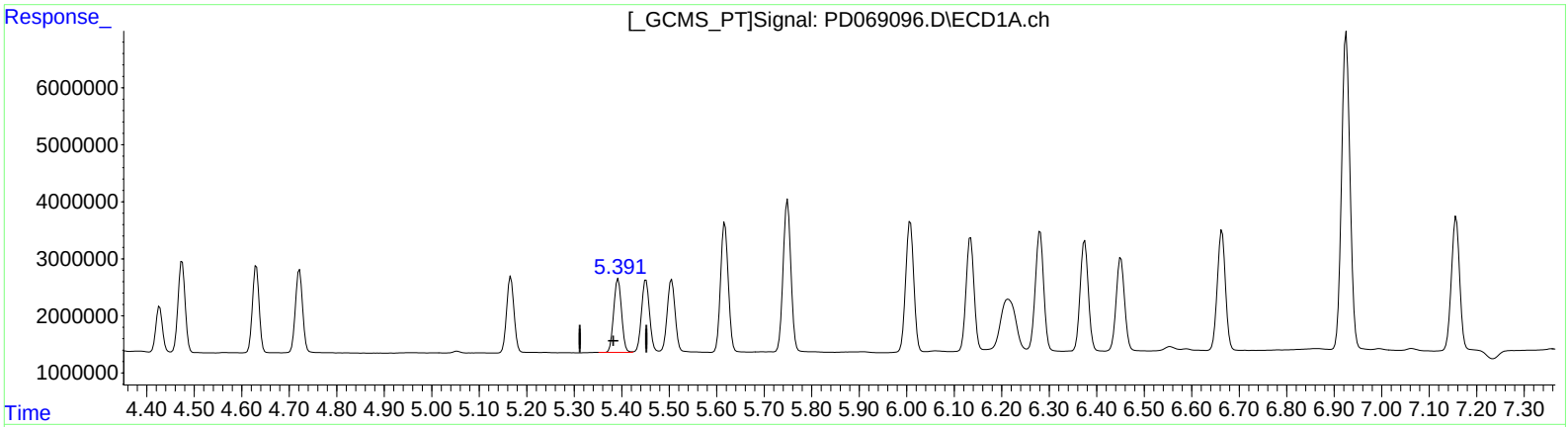
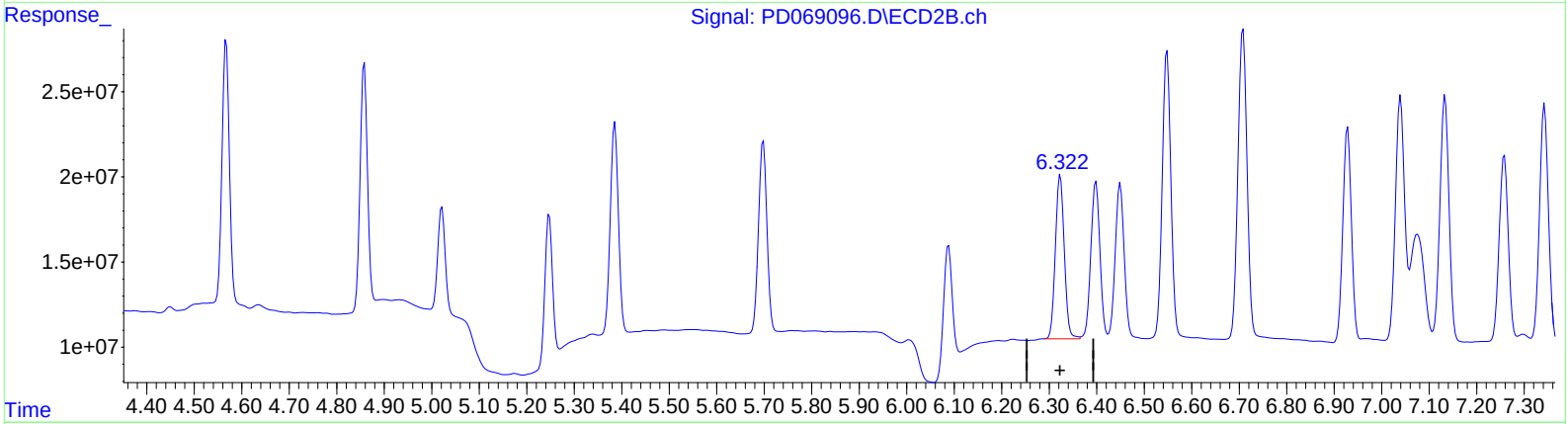
Quant Title : GC Extractables
QLast Update : Thu Apr 21 02:24:30 2022
Response via : Initial Calibration
Integrator: ChemStation

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)

5.393min 9.902 ng/ml

response 14844904

(10) trans-Chlordane #2 (B)

6.323min 9.893 ng/ml

response 125507394

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041422\
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Operator : AR\AJ
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC026

Integration File signal 1: autoint1.e
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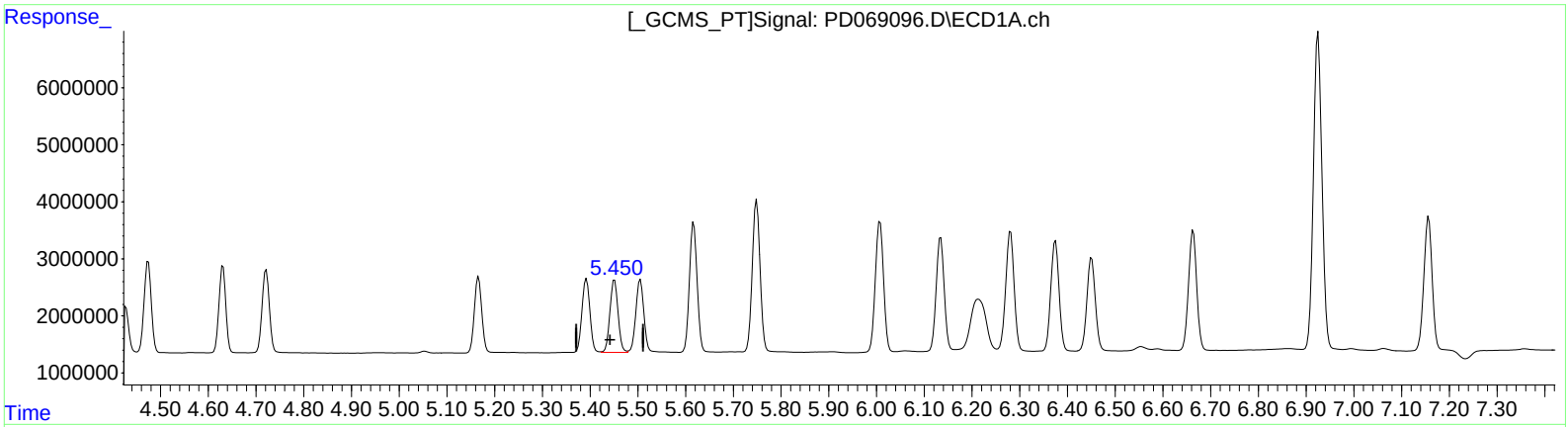

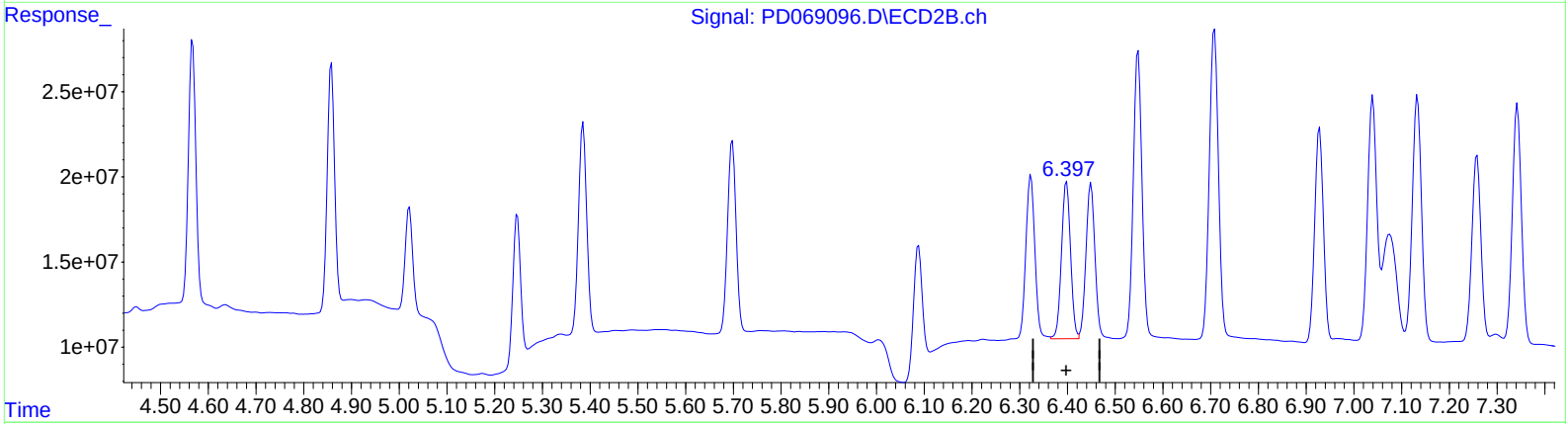

QEdit

(11) cis-Chlordane (B)

5.451min 10.077 ng/ml

response 15040939

(11) cis-Chlordane #2 (B)

6.398min 9.834 ng/ml

response 122474313

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041422\
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ECD_D
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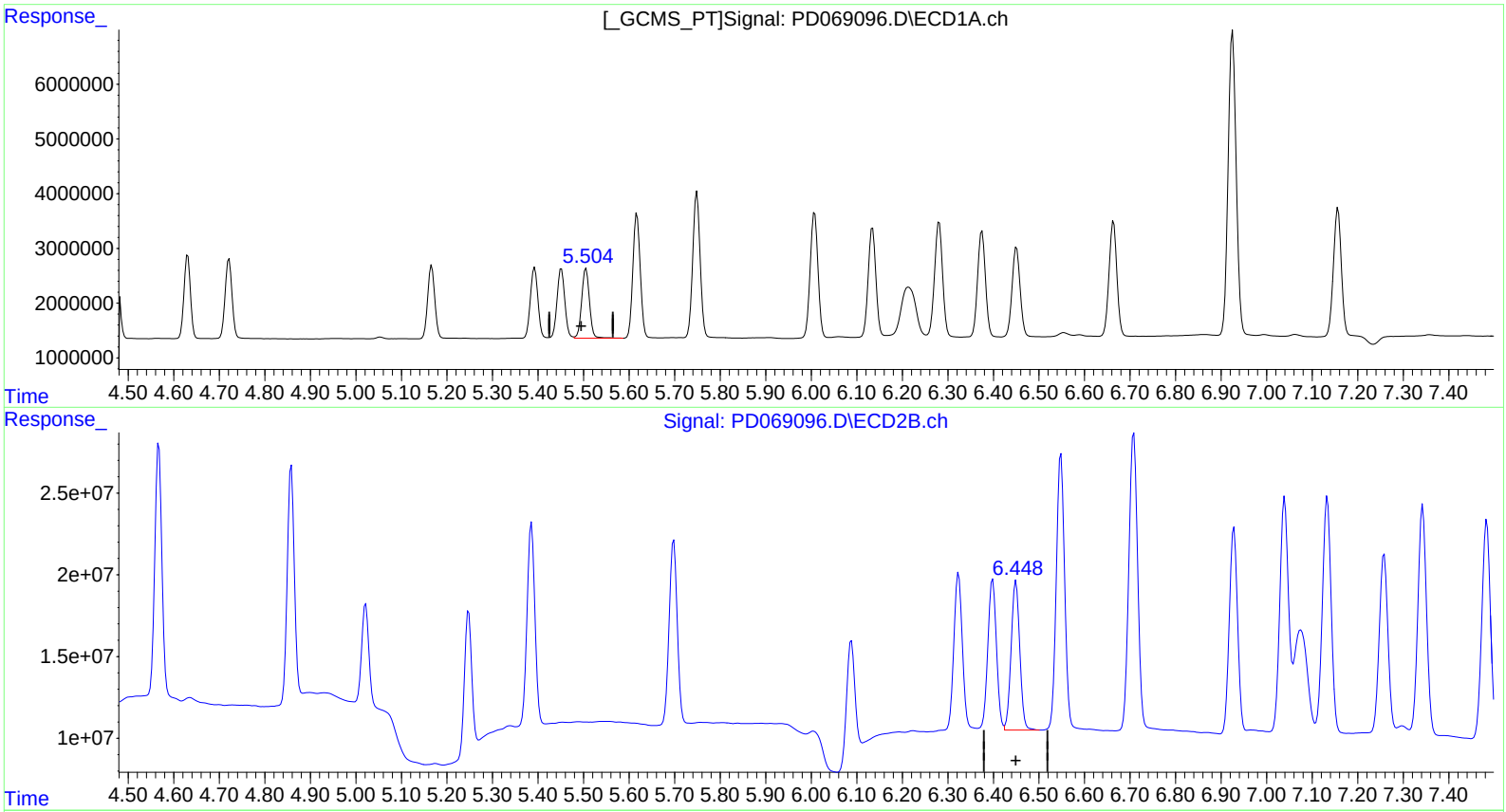

QEdit

(9) Endosulfan I (A)

5.505min 10.363 ng/ml

response 15122640

(9) Endosulfan I #2 (A)

6.450min 10.126 ng/ml

response 120275957

(+) = Expected Retention Time

Quantitation Report (Qedit)

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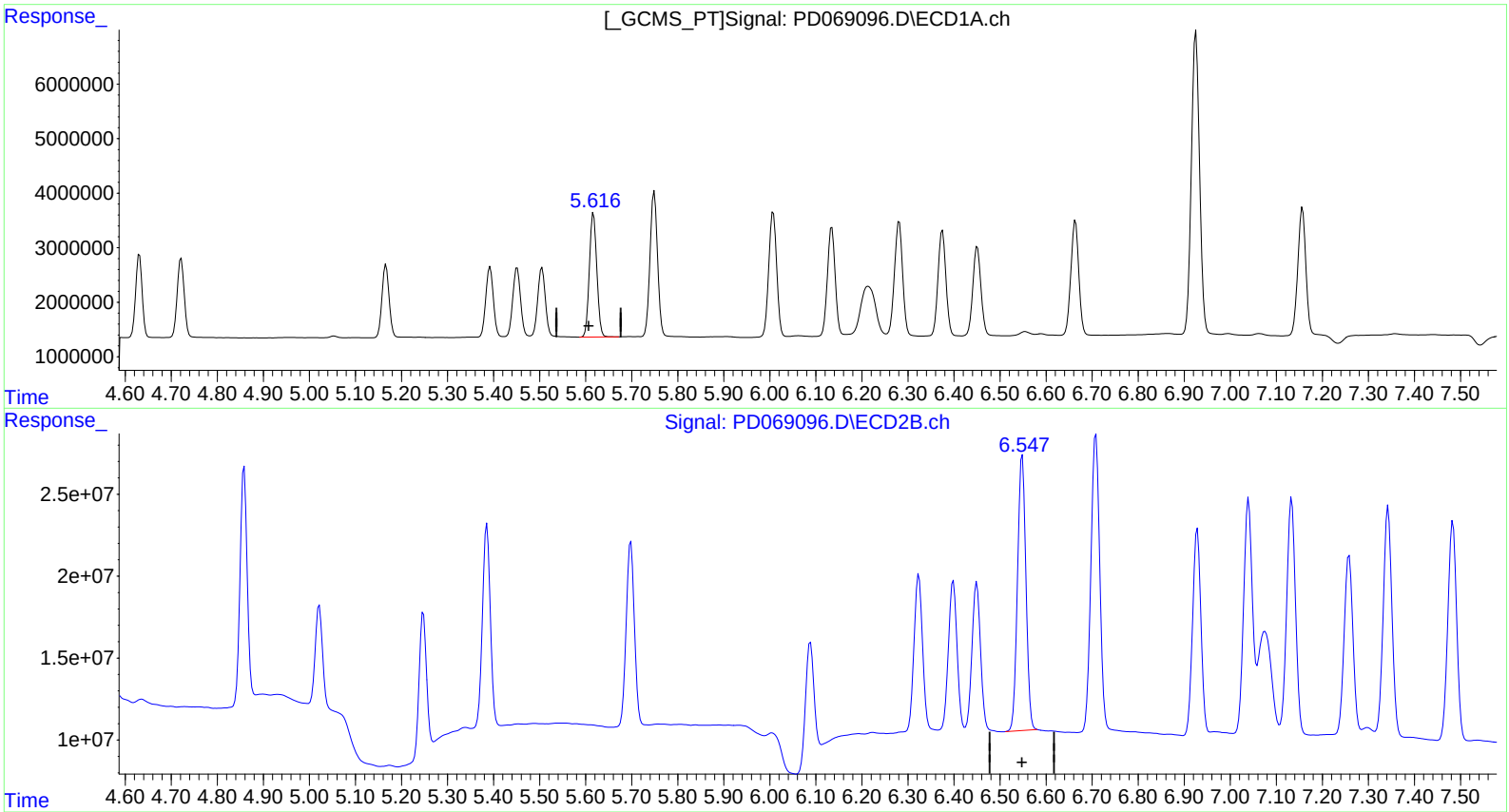

QEdit

(12) 4,4'-DDE (B)

5.617min 19.167 ng/ml

response 25708718

(12) 4,4'-DDE #2 (B)

6.548min 19.544 ng/ml

response 212618686

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041422\
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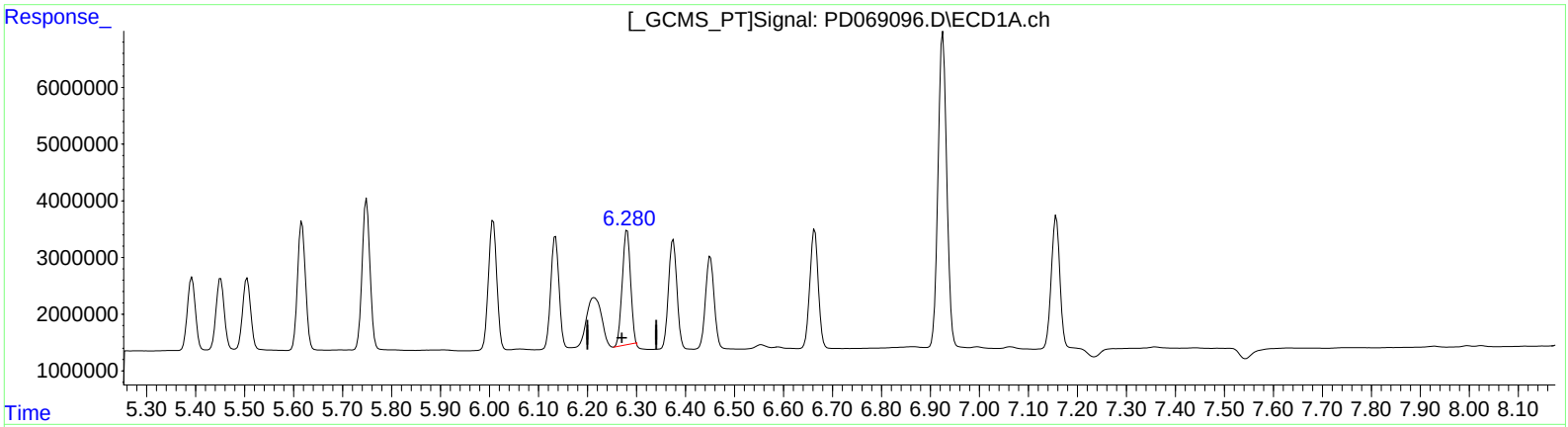

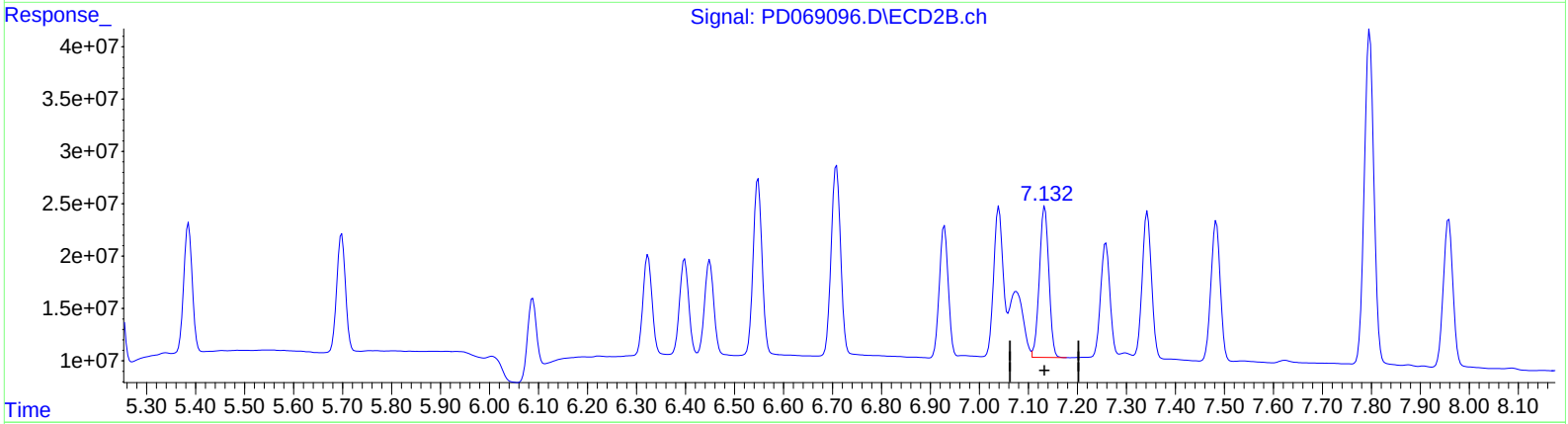

QEdit

(15) Endosulfan II (B)

6.281min 18.189 ng/ml

response 23438745

(15) Endosulfan II #2 (B)

7.133min 20.220 ng/ml

response 193790745

(+) = Expected Retention Time