Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021020\
Data File : PD057143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2020 13:19
Operator : AJ\MA
Sample : RESC04
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : RESC04

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 11 05:43:42 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021020CLP.M
Quant Title : GC Extractables
QLast Update : Tue Feb 11 04:58:40 2020
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...	3.286	3.960	14645765	32742017	17.631	17.570
27) SA	Decachlor...	7.958	8.997	34467658	78563047	33.224	34.753
	Target Compounds						
2) A	alpha-BHC	3.712	4.347	10659279	22921957	8.274	8.073
3) MA	gamma-BHC...	3.987	4.630	10930239	23824174	8.619	8.409
4) MA	Heptachlor	4.272	5.135	6722920	19676786	8.789	8.443
5) MB	Aldrin	4.511	5.438	9861088	23934149	8.682	8.656
6) B	beta-BHC	4.238	4.799	4479205	10200320	8.969	8.799
7) B	delta-BHC	4.432	5.015	10798659	17867960	8.663	6.829
8) B	Heptachlo...	4.948	5.821	8932219	19483212	8.614	7.903
9) A	Endosulfan I	5.278	6.178	8282564	20840621	8.218	8.554
10) B	trans-Chl...	5.170	6.056	9690483	23809206	8.965	8.709
11) B	cis-Chlor...	5.227	6.128	9253006	22060315	8.658	8.611
12) B	4,4'-DDE	5.395	6.285	19644389	43346348	17.766	16.938
13) MA	Dieldrin	5.518	6.433	18354417	44263137	17.438	16.457
14) MA	Endrin	5.771	6.650	15896376	34475415	18.089	16.383
15) B	Endosulfa...	6.045	6.859	18904929	42060133	19.840	17.961
16) A	4,4'-DDD	5.905	6.773	13488016	35735688	19.471	17.332
17) MA	4,4'-DDT	6.141	7.071	10455792	32037487	16.068	16.874
18) B	Endrin al...	6.213	6.983	14554250	34707622	17.928	17.520
19) B	Endosulfa...	6.424	7.205	16174068	40452891	18.138	17.240
20) A	Methoxychlor	6.689	7.528	25835941	83515035	92.281	92.571
21) B	Endrin ke...	6.909	7.674	17985287	44837715	19.802	18.482

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

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021020CLP.M
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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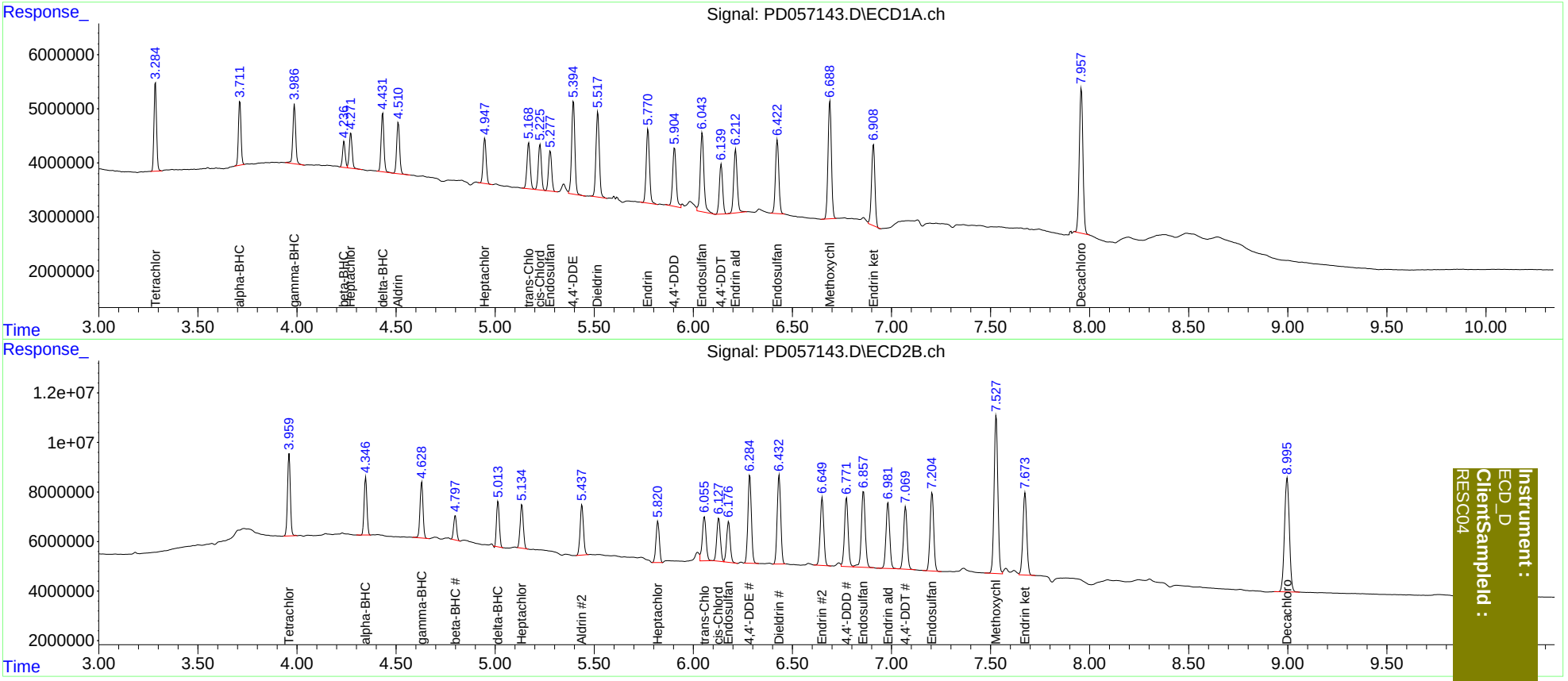

Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021020\
Data File : PD057143.D
Acq On : 10 Feb 2020 13:19
Operator : AJ\MA
Sample : RESC04
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : RESC04

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021020CLP.M
Title : GC Extractables
Last Update : Tue Feb 11 04:58:40 2020
Integrator: ChemStation

RT#1	RT#2	Resolution
3.286	3.712	100.00%
3.712	3.987	100.00%
3.987	4.238	100.00%
4.238	4.272	96.70%
4.272	4.432	100.00%
4.432	4.511	99.67%
4.511	4.948	100.00%
4.948	5.170	100.00%
5.170	5.227	99.92%
5.227	5.278	99.62%
5.278	5.395	100.00%
5.395	5.518	100.00%
5.518	5.771	100.00%
5.771	5.905	100.00%
5.905	6.045	100.00%
6.045	6.141	100.00%
6.141	6.213	100.00%
6.213	6.424	100.00%
6.424	6.689	100.00%
6.689	6.909	100.00%
6.909	7.958	100.00%

Signal #2

3.960	4.347	100.00%
4.347	4.630	100.00%
4.630	4.799	100.00%
4.799	5.015	100.00%
5.015	5.135	100.00%
5.135	5.438	100.00%
5.438	5.821	100.00%
5.821	6.056	100.00%
6.056	6.128	100.00%
6.128	6.178	97.27%
6.178	6.285	100.00%
6.285	6.433	100.00%
6.433	6.650	100.00%
6.650	6.773	100.00%
6.773	6.859	99.71%
6.859	6.983	100.00%
6.983	7.071	100.00%
7.071	7.205	100.00%
7.205	7.528	100.00%
7.528	7.674	100.00%
7.674	8.997	100.00%

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021020\
Data File : PD057143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2020 13:19
Operator : AJ\MA
Sample : RESC04
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC04

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 11 05:43:42 2020
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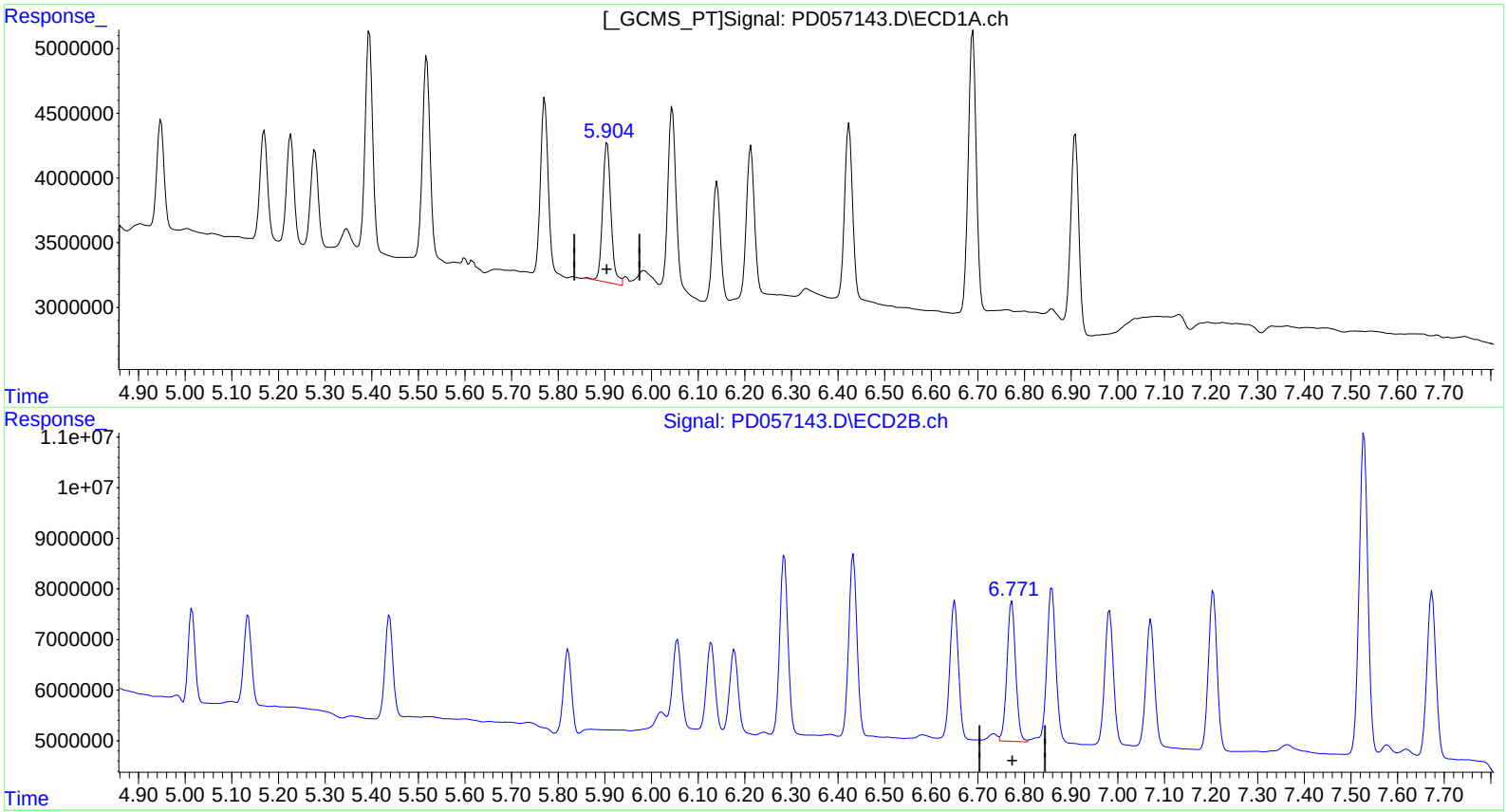
Quant Title : GC Extractables
QLast Update : Tue Feb 11 04:58:40 2020
Response via : Initial Calibration
Integrator: ChemStation

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

(16) 4,4'-DDD (A)

5.905min 19.471 ng/ml

response 13488016

(16) 4,4'-DDD #2 (A)

6.773min 17.332 ng/ml

response 35735688

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021020\
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Acq On : 10 Feb 2020 13:19
Operator : AJ\MA
Sample : RESC04
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC04

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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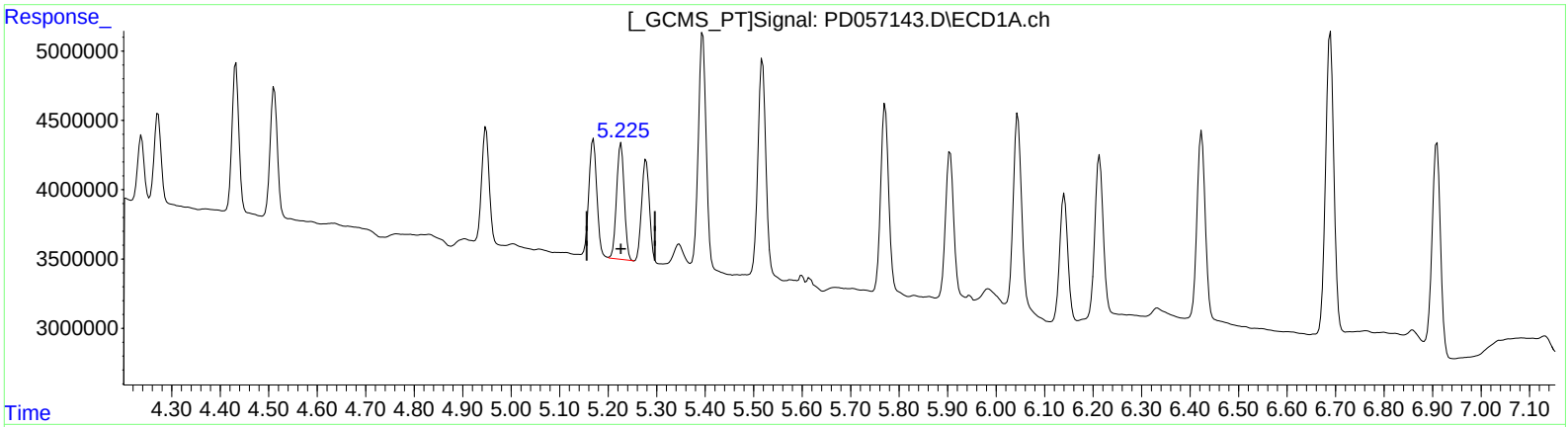
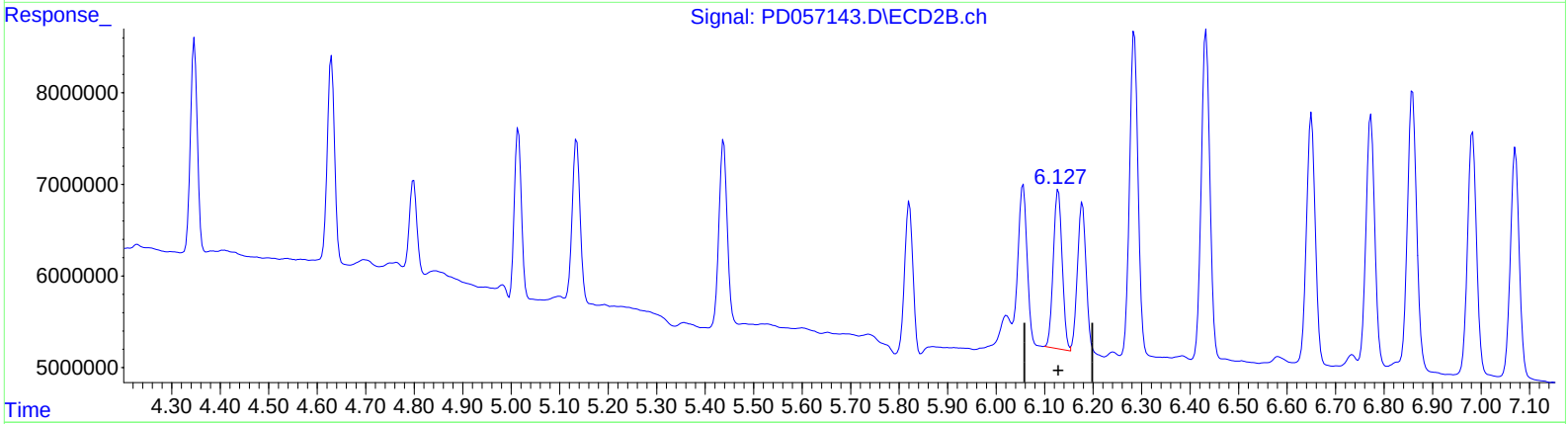
Quant Title : GC Extractables
QLast Update : Tue Feb 11 04:58:40 2020
Response via : Initial Calibration
Integrator: ChemStation

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

(11) cis-Chlordane (B)

5.227min 8.658 ng/ml

response 9253006

(11) cis-Chlordane #2 (B)

6.128min 8.611 ng/ml

response 22060315

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Acq On : 10 Feb 2020 13:19
Operator : AJ\MA
Sample : RESC04
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC04

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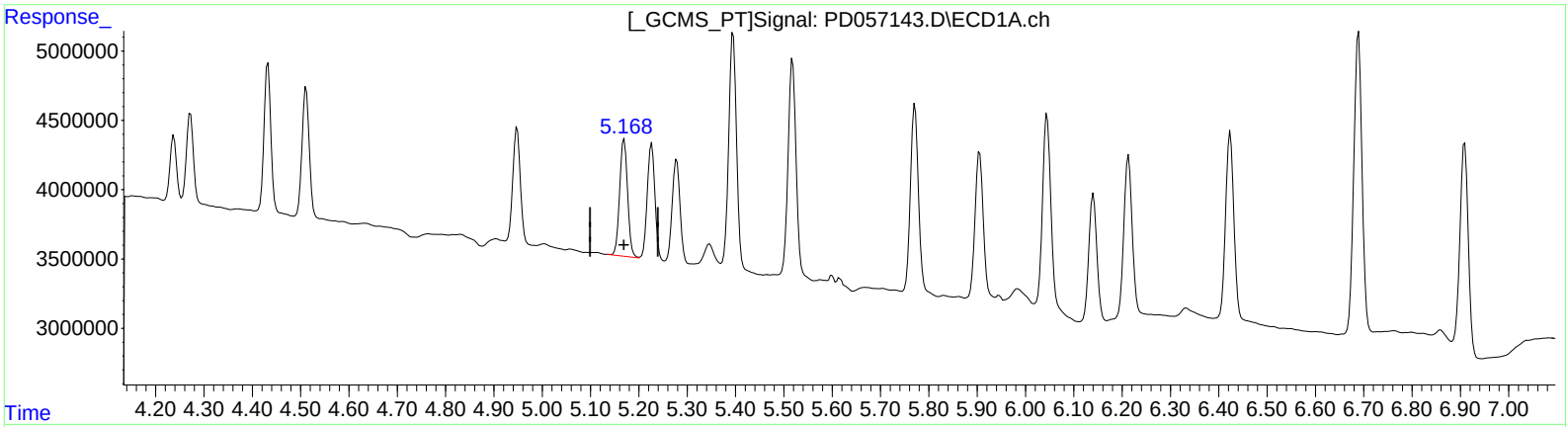
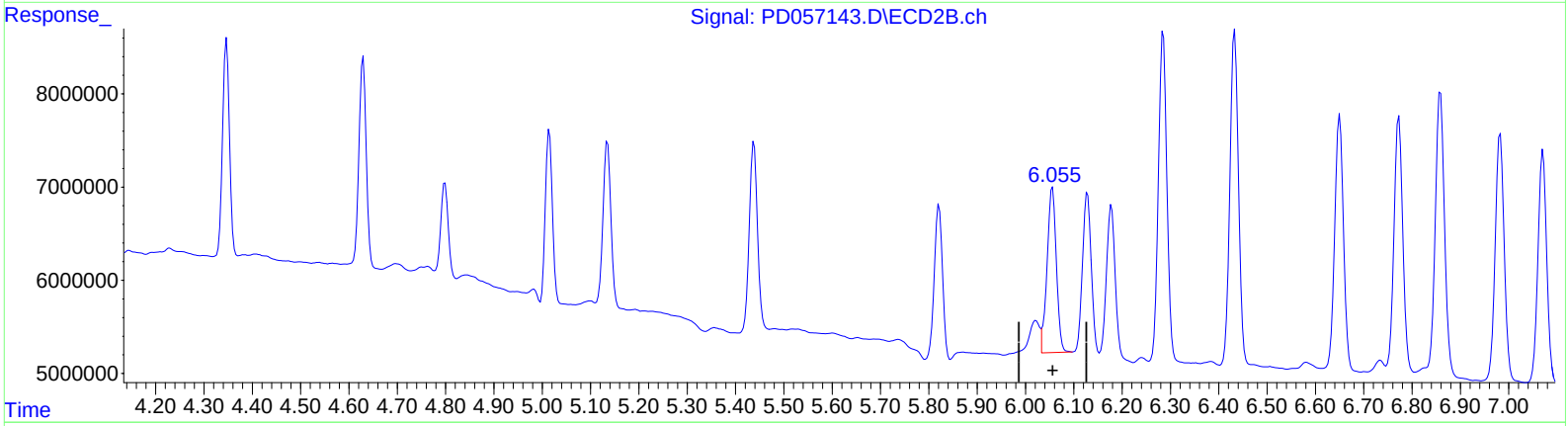
Response via : Initial Calibration
Integrator: ChemStation

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)

5.170min 8.965 ng/ml

response 9690483

(10) trans-Chlordane #2 (B)

6.056min 8.709 ng/ml

response 23809206

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Operator : AJ\MA
Sample   : RESC04
Misc   :
ALS Vial : 2   Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC04

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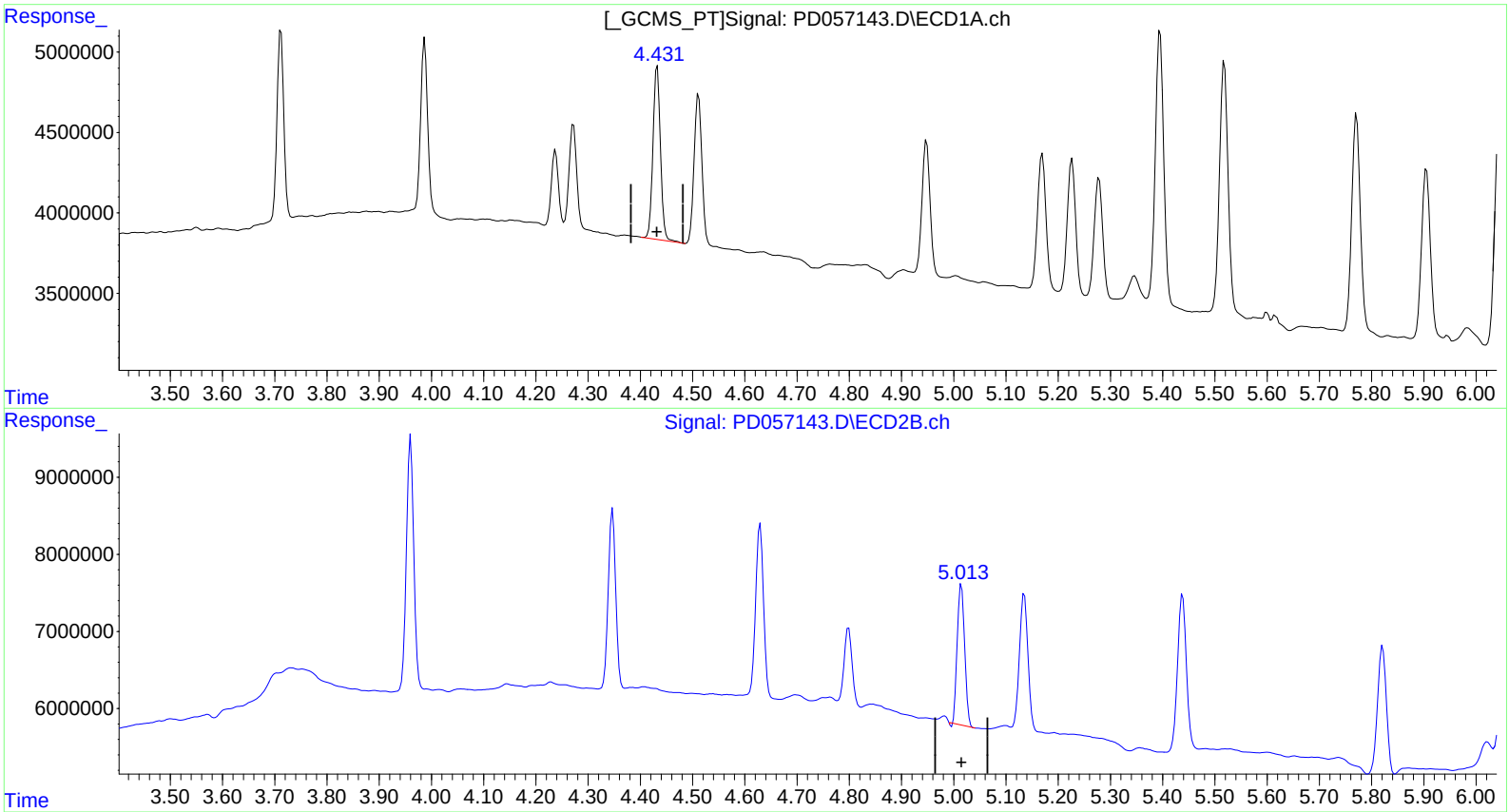
Integrator: ChemStation

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

(7) delta-BHC (B)

4.432min 8.663 ng/ml

response 10798659

(7) delta-BHC #2 (B)

5.015min 6.829 ng/ml

response 17867960

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021020\
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Sample : RESC04
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
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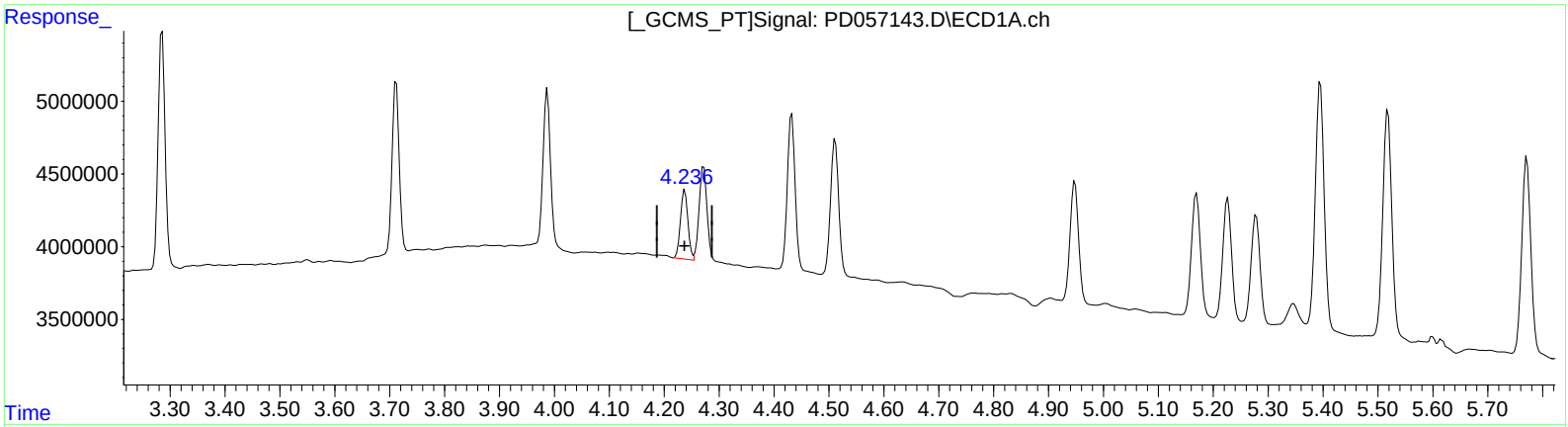
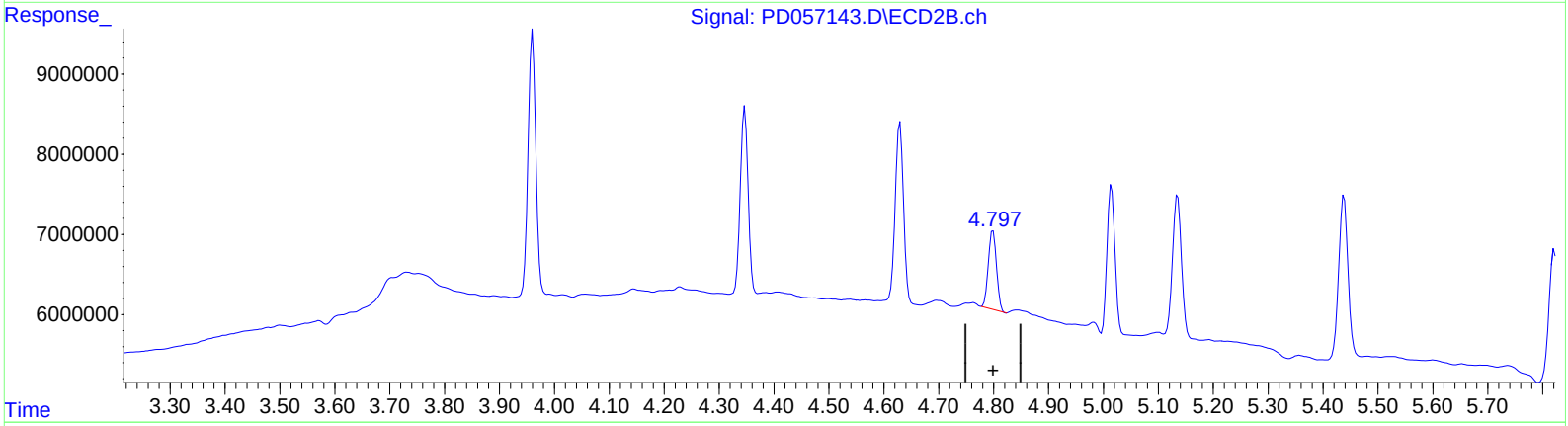
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(6) beta-BHC (B)

4.238min 8.969 ng/ml

response 4479205

(6) beta-BHC #2 (B)

4.799min 8.799 ng/ml

response 10200320

(+) = Expected Retention Time