Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030620\
Data File : PD057501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2020 17:34
Operator : AJ\MA
Sample : RESC09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : RESC09

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 09 07:30:02 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030620CLP.M
Quant Title : GC Extractables
QLast Update : Mon Mar 09 05:47:43 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...	3.233	3.897	19760848	46142573	18.676	19.167	
27)	SA Decachlor...	7.879	8.903	45826438	99833824	37.232	38.549	
	Target Compounds							
2)	A alpha-BHC	3.657	4.281	13647224	36179917	8.712	10.124	
3)	MA gamma-BHC...	3.929	4.561	12442223	32351666	7.999	9.176	
4)	MA Heptachlor	4.210	5.063	12859714	33975435	9.101	9.276	
5)	MB Aldrin	4.446	5.365	13061821	34004865	9.237	9.407	
6)	B beta-BHC	4.178	4.732	6150425	15839347	9.265	9.509	
7)	B delta-BHC	4.370	4.945	12533829	20994950	7.945	7.013	
8)	B Heptachlo...	4.880	5.748	12393068	21267081	9.349	6.191	#
9)	A Endosulfan I	5.207	6.101	11753234	31710340	9.348	9.662	
10)	B trans-Chl...	5.100	5.981	12777319	33367654	9.418	9.336	
11)	B cis-Chlor...	5.157	6.053	12879123	34462380	9.425	9.614	
12)	B 4,4'-DDE	5.326	6.211	24647382	63870201	18.339	18.778	
13)	MA Dieldrin	5.446	6.356	25635157	66593552	17.956	18.671	
14)	MA Endrin	5.697	6.572	22716595	52031011	18.605	17.723	
15)	B Endosulfa...	5.970	6.781	22661645	58444159	18.616	19.684	
16)	A 4,4'-DDD	5.834	6.699	20370094	51324323	18.078	18.258	
17)	MA 4,4'-DDT	6.068	6.996	21173717	53204948	18.098	18.915	
18)	B Endrin al...	6.138	6.905	19230695	48704703	18.779	19.298	
19)	B Endosulfa...	6.349	7.128	22455220	56249850	17.997	18.419	
20)	A Methoxychlor	6.616	7.455	55382659	144.7E6	94.048	99.623	
21)	B Endrin ke...	6.830	7.594	26199171	58652571	18.604	19.334	

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

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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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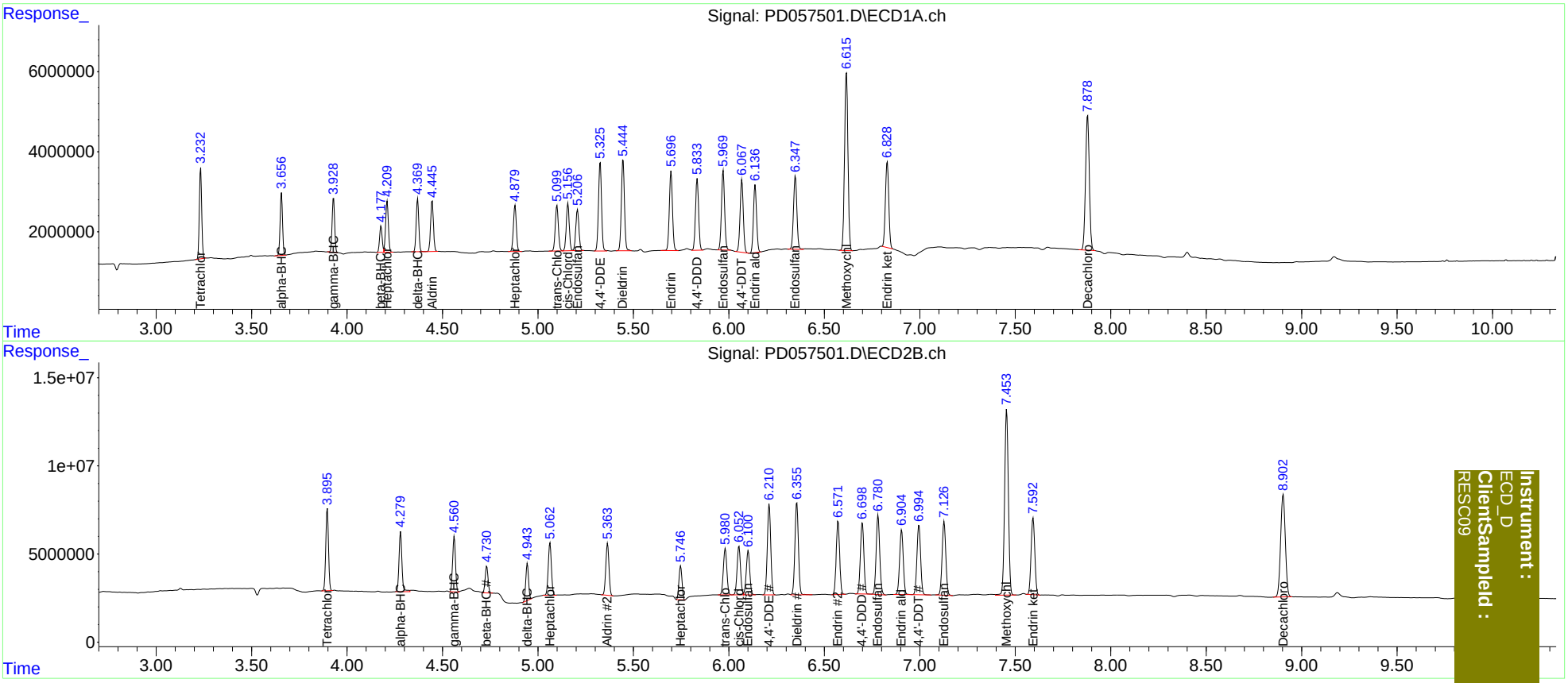

Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030620\
Data File : PD057501.D
Acq On : 06 Mar 2020 17:34
Operator : AJ\MA
Sample : RESC09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : RESC09

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030620CLP.M
Title : GC Extractables
Last Update : Mon Mar 09 05:47:43 2020
Integrator: ChemStation

RT#1	RT#2	Resolution
3.233	3.657	100.00%
3.657	3.929	100.00%
3.929	4.178	100.00%
4.178	4.210	88.33%
4.210	4.370	100.00%
4.370	4.446	99.90%
4.446	4.880	100.00%
4.880	5.100	100.00%
5.100	5.157	100.00%
5.157	5.207	100.00%
5.207	5.326	100.00%
5.326	5.446	100.00%
5.446	5.697	100.00%
5.697	5.834	100.00%
5.834	5.970	100.00%
5.970	6.068	100.00%
6.068	6.138	100.00%
6.138	6.349	100.00%
6.349	6.616	100.00%
6.616	6.830	100.00%
6.830	7.879	100.00%

Signal #2

3.897	4.281	100.00%
4.281	4.561	100.00%
4.561	4.732	100.00%
4.732	4.945	100.00%
4.945	5.063	100.00%
5.063	5.365	100.00%
5.365	5.748	100.00%
5.748	5.981	100.00%
5.981	6.053	100.00%
6.053	6.101	97.11%
6.101	6.211	100.00%
6.211	6.356	100.00%
6.356	6.572	100.00%
6.572	6.699	100.00%
6.699	6.781	100.00%
6.781	6.905	100.00%
6.905	6.996	100.00%
6.996	7.128	100.00%
7.128	7.455	100.00%
7.455	7.594	100.00%
7.594	8.903	100.00%

Quantitation Report (Qedit)

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On   : 06 Mar 2020 17:34
Operator : AJ\MA
Sample   : RESC09
Misc   :
ALS Vial : 4   Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC09

Integration File signal 1: autoint1.e
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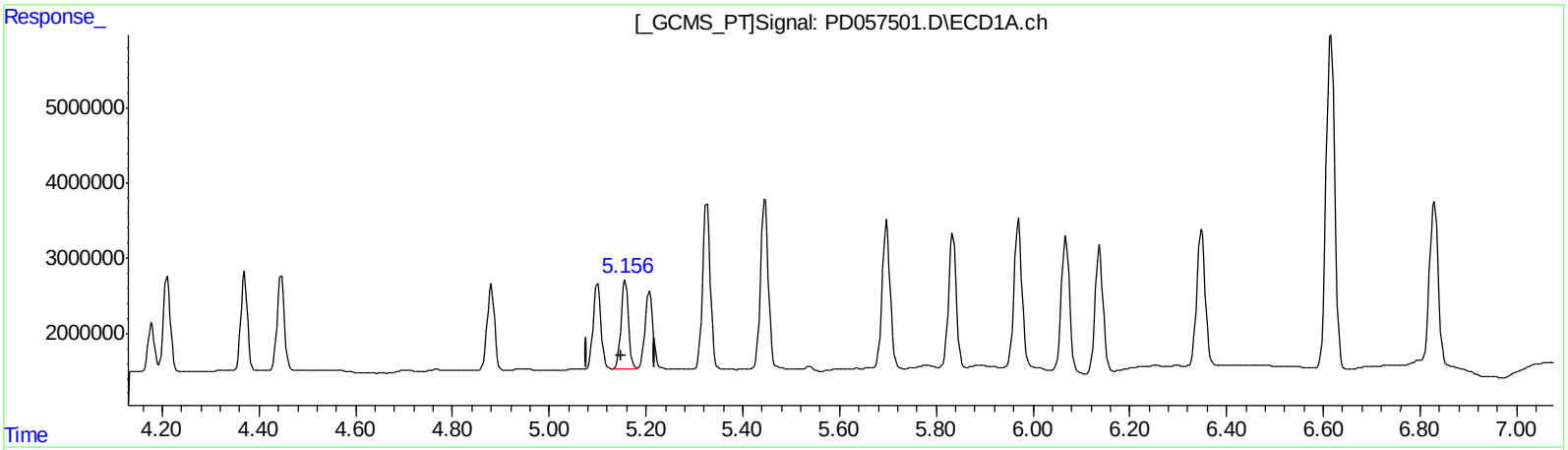
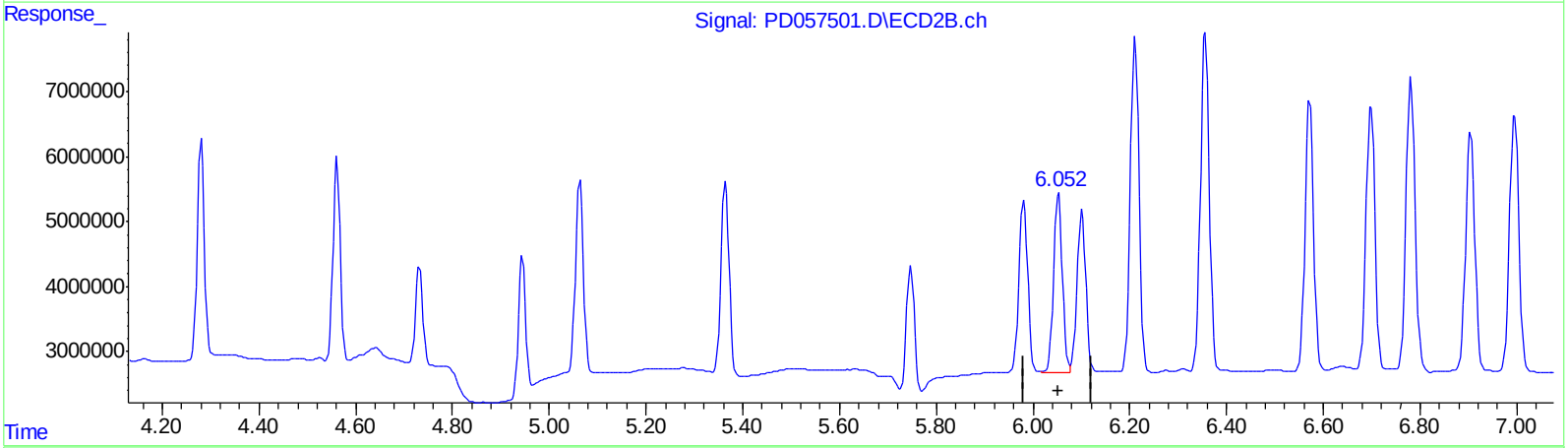
Quant Title : GC Extractables
QLast Update : Mon Mar 09 05:47:43 2020
Response via : Initial Calibration
Integrator: ChemStation

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)

5.157min 9.425 ng/ml

response 12879123

(11) cis-Chlordane #2 (B)

6.053min 9.614 ng/ml

response 34462380

(+) = Expected Retention Time

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ALS Vial : 4   Sample Multiplier: 1

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ECD_D
ClientSampleId :
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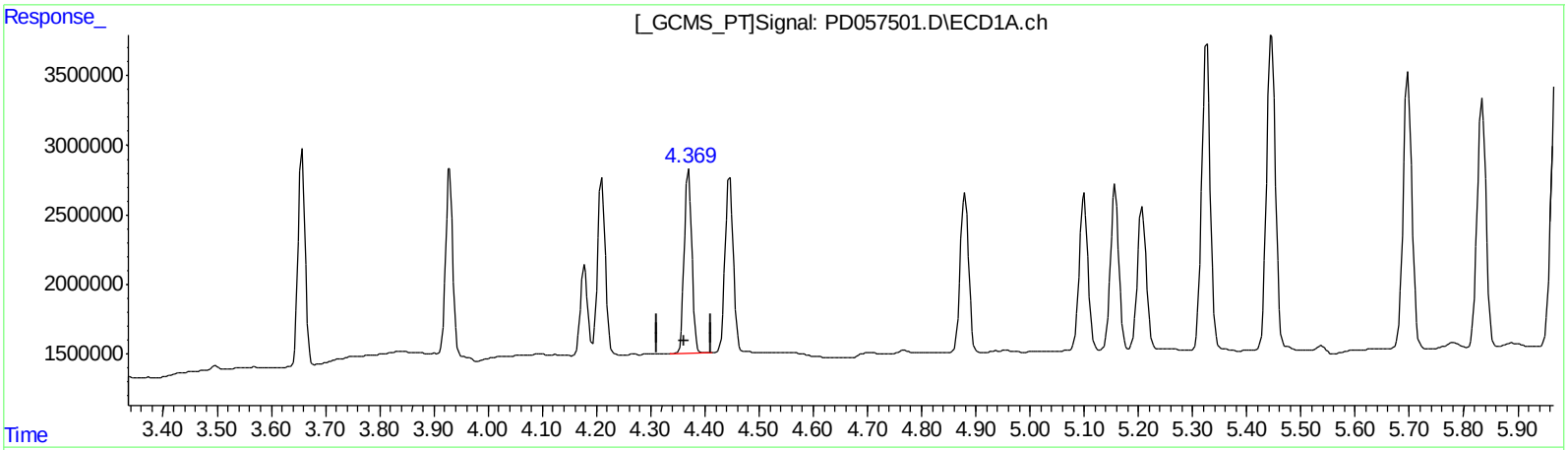

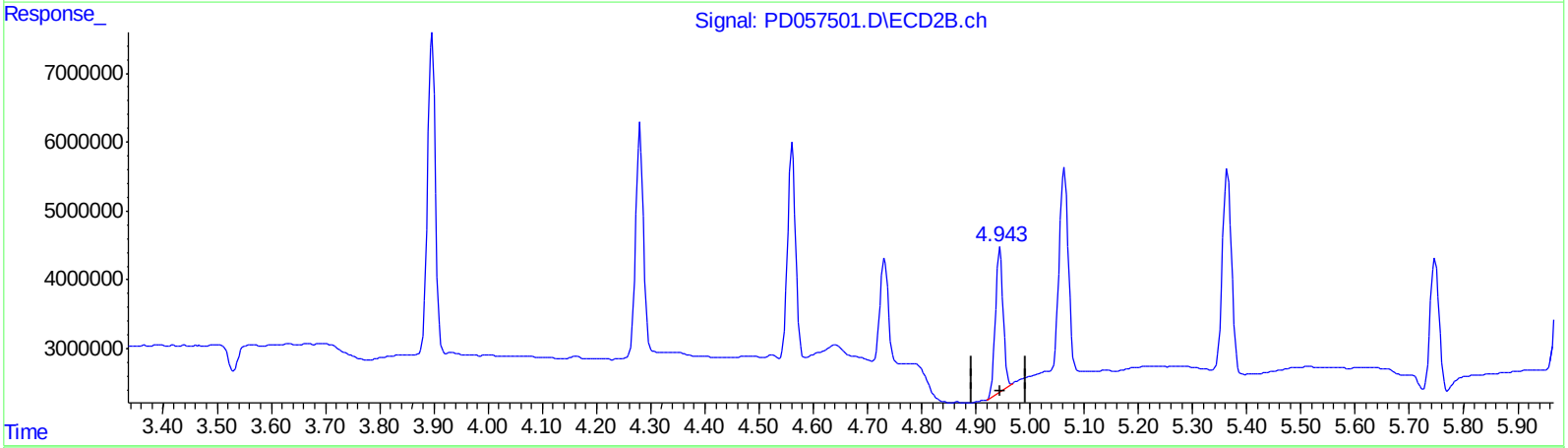

QEdit

(7) delta-BHC (B)

4.370min 7.945 ng/ml

response 12533829

(7) delta-BHC #2 (B)

4.945min 7.013 ng/ml

response 20994950

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Misc   :
ALS Vial : 4   Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC09

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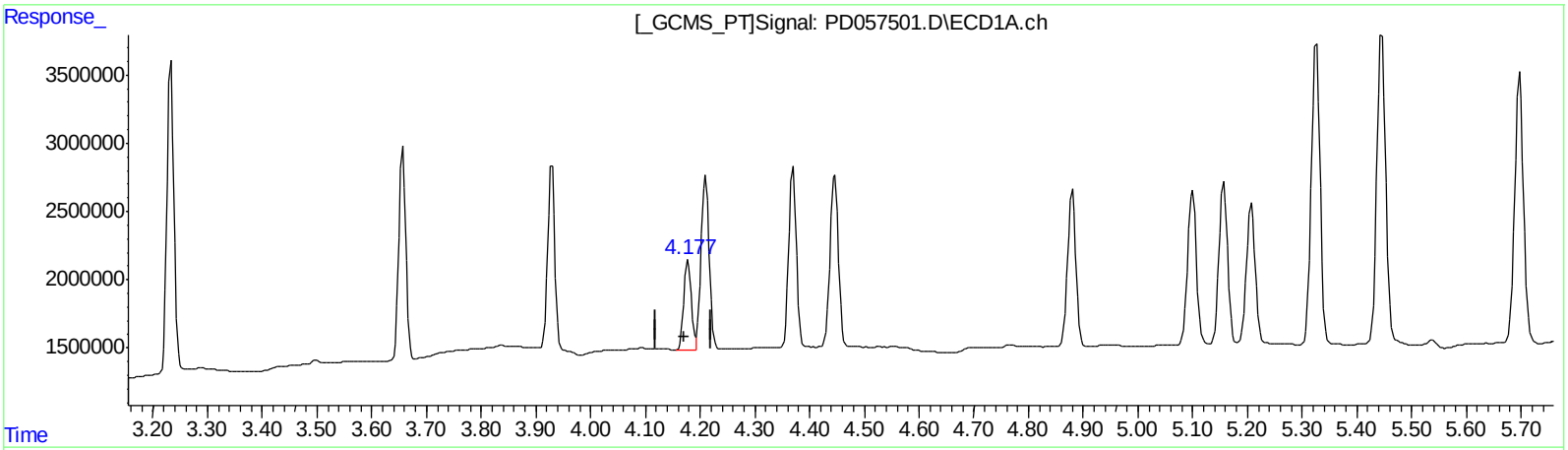
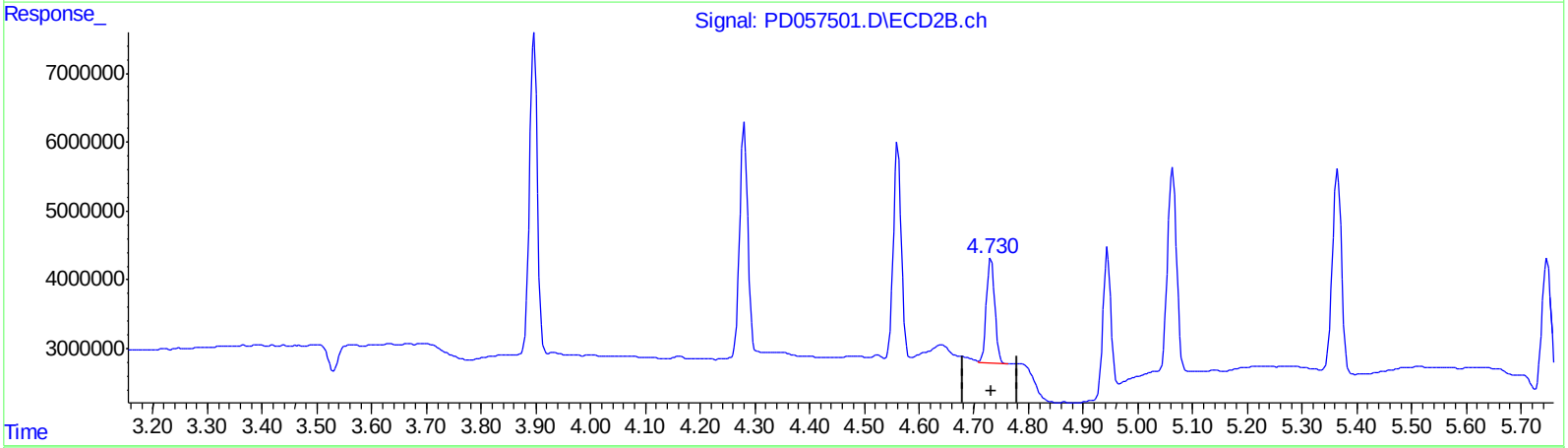
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(6) beta-BHC (B)

4.178min 9.265 ng/ml

response 6150425

(6) beta-BHC #2 (B)

4.732min 9.509 ng/ml

response 15839347

(+) = Expected Retention Time