Quantitation Report (Qedit)

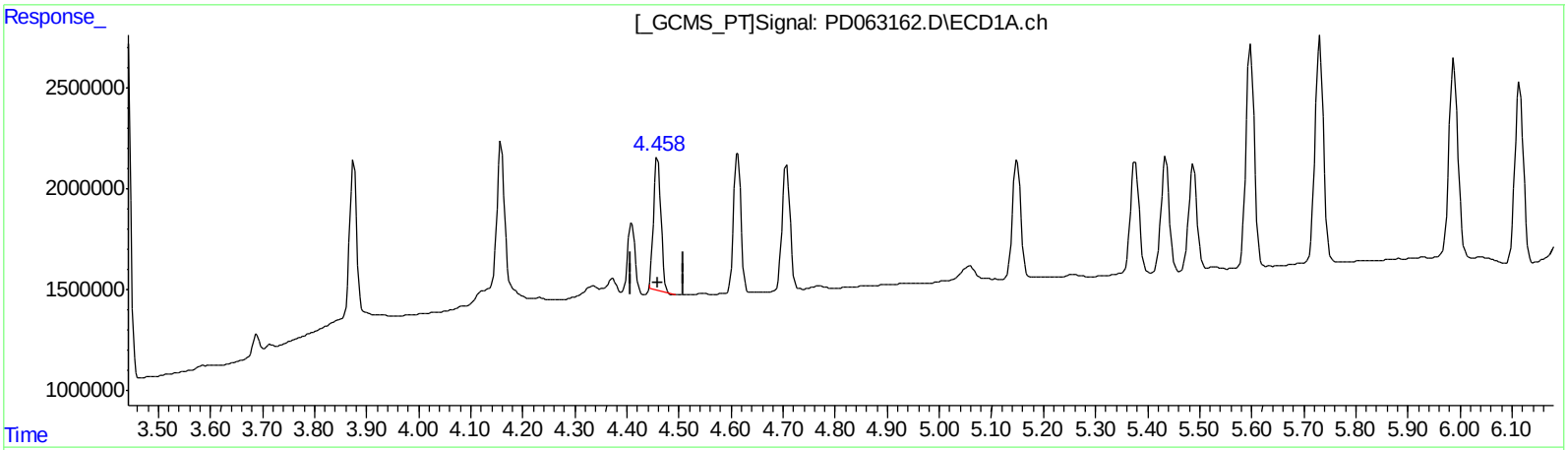
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052121\
Data File : PD063162.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2021 15:01
Operator : AR\AJ
Sample : PB136497BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

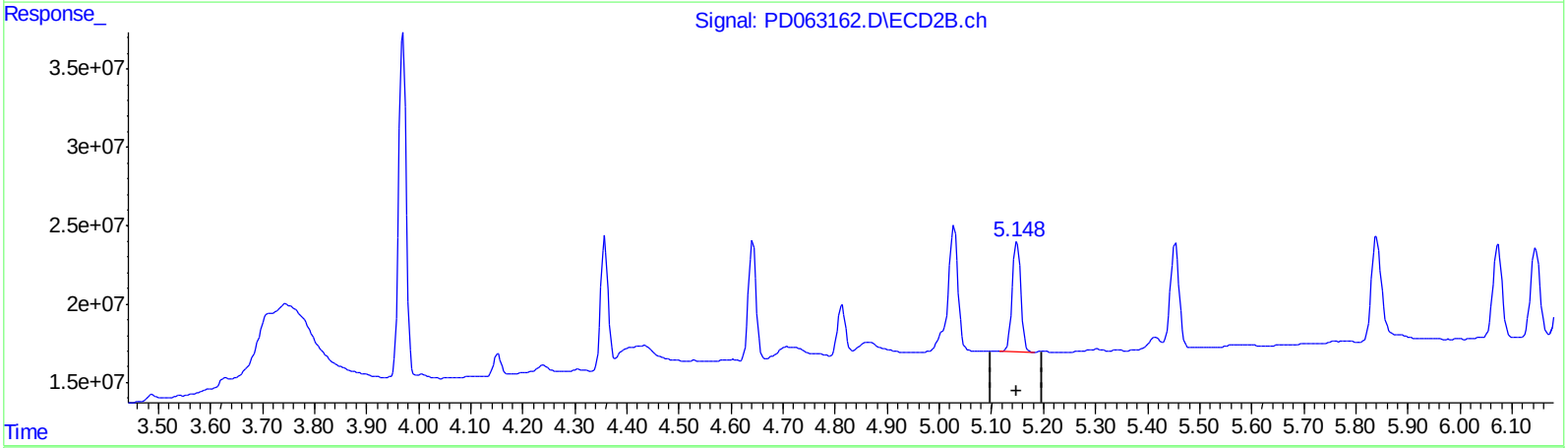
Instrument :
ECD_D
ClientSampleId :
PLCS497

Manual Integrations APPROVED
Ankita
5/21/2021 11:22:24 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 01:43:21 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052121CLP.M
Quant Title : GC Extractables
QLast Update : Fri May 21 01:37:02 2021
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

(4) Heptachlor (MA)

4.459min 4.124 ng/ml

response 6407854

(4) Heptachlor #2 (MA)

5.149min 4.773 ng/ml

response 80324042

(+) = Expected Retention Time

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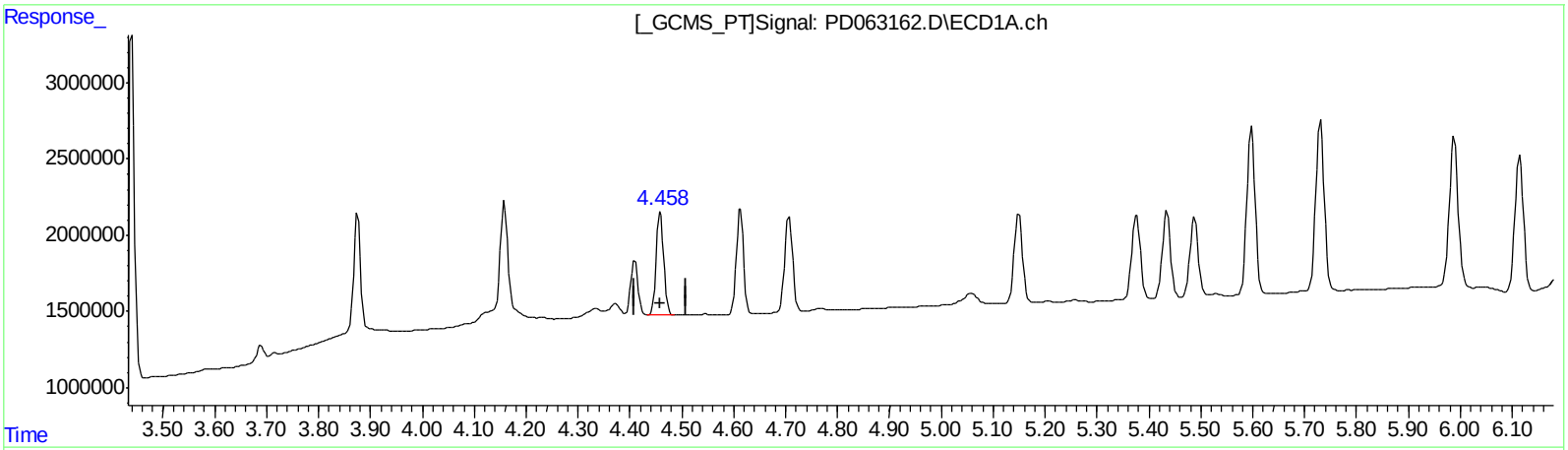

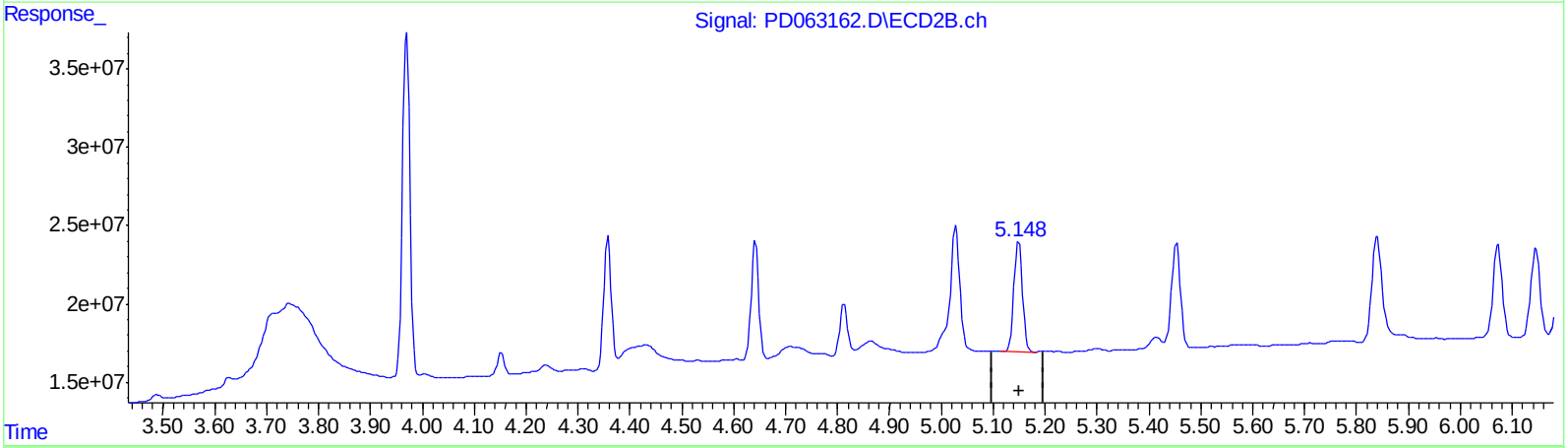

QEdit

(4) Heptachlor (MA)

4.458min 4.458 ng/ml m

response 6927033

(4) Heptachlor #2 (MA)

5.149min 4.773 ng/ml

response 80324042

(+) = Expected Retention Time

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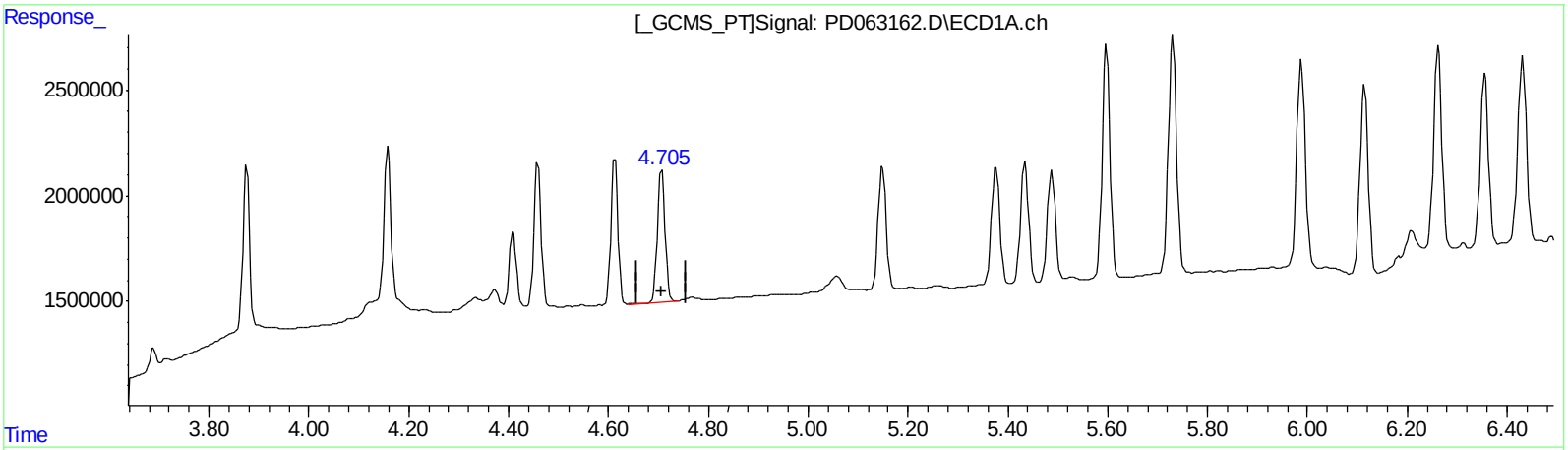

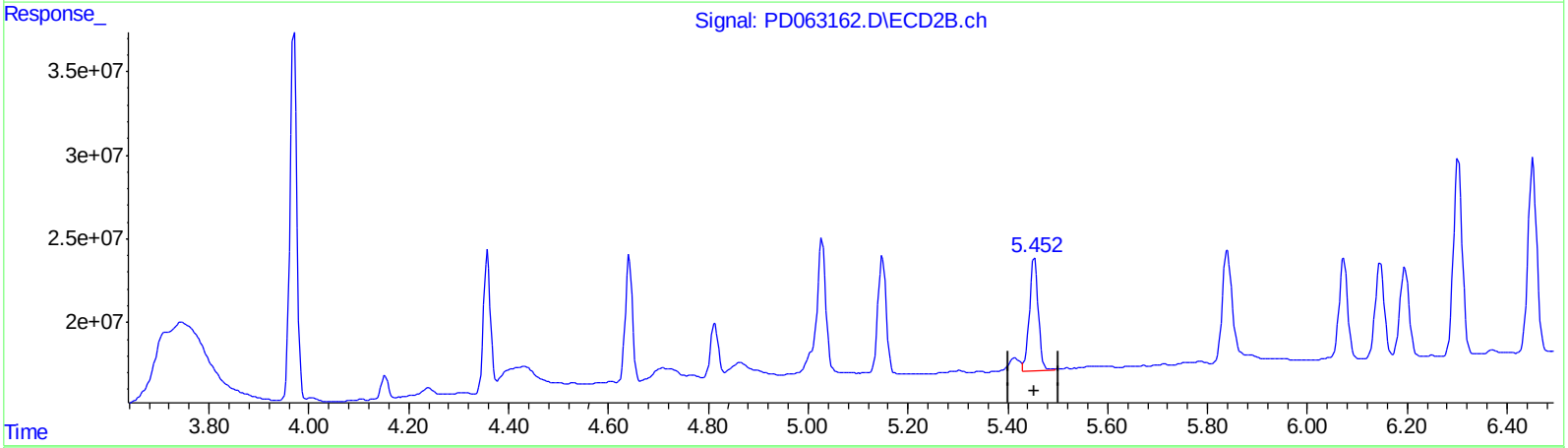

QEdit

(5) Aldrin (MB)

4.707min 4.415 ng/ml

response 6616094

(5) Aldrin #2 (MB)

5.453min 5.161 ng/ml

response 82903554

(+) = Expected Retention Time

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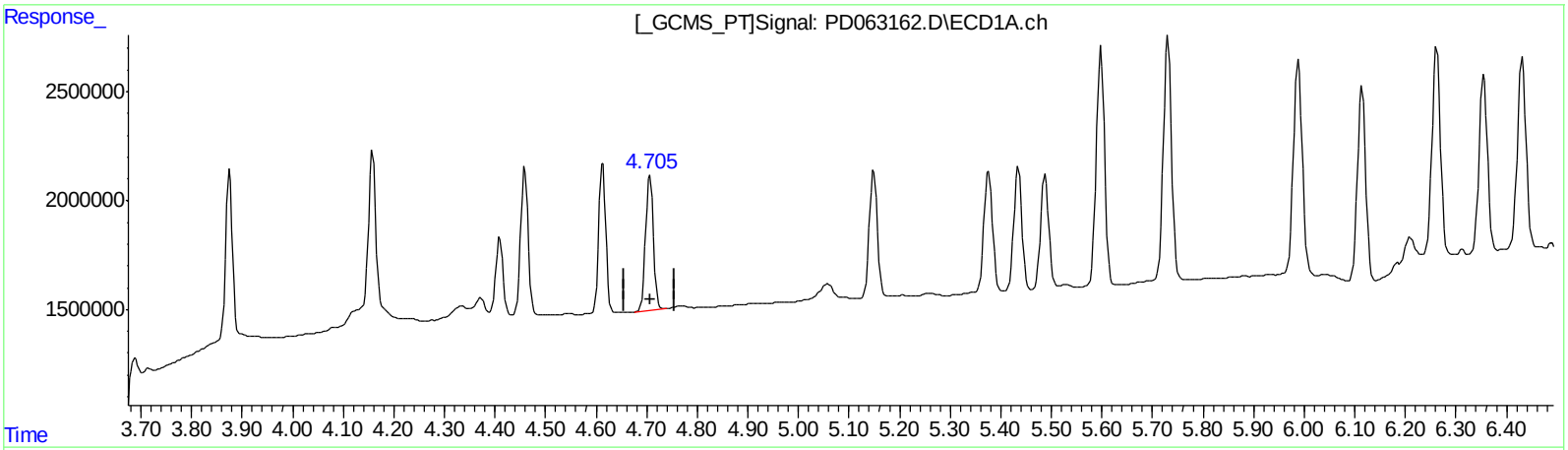

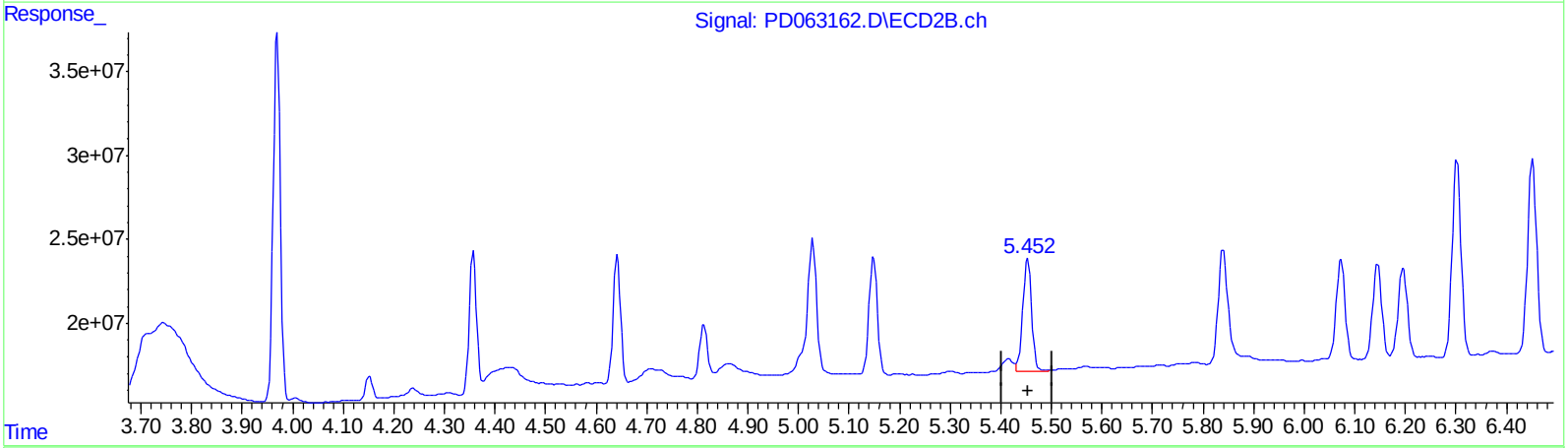

QEdit

(5) Aldrin (MB)

4.705min 4.476 ng/ml m

response 6708093

(5) Aldrin #2 (MB)

5.453min 5.161 ng/ml

response 82903554

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

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		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.440	3.970	20365271	215.3E6	18.006	18.362	
27)	SA	Decachlor...	8.193	9.022	48547443	418.6E6	37.328	37.742	
		Target Compounds							
2)	A	alpha-BHC	3.875	4.358	7413835	78121335	4.436	4.486	
3)	MA	gamma-BHC...	4.158	4.642	7649555	77596887	4.775	4.652	
4)	MA	Heptachlor	4.458	5.149	6927033	80324042	4.458m	4.773	
5)	MB	Aldrin	4.705	5.453	6708093	82903554	4.476m	5.161	
6)	B	beta-BHC	4.409	4.813	3575139	31388954	4.867	4.443	
7)	B	delta-BHC	4.613	5.028	6712129	109.3E6	4.245	6.085	#
8)	B	Heptachlo...	5.149	5.840	6479086	89581301	4.605	5.756	#
9)	A	Endosulfan I	5.488	6.196	5849230	70498596	4.437	4.911	
10)	B	trans-Chl...	5.376	6.073	6474018	73285663	4.500	4.729	
11)	B	cis-Chlor...	5.435	6.146	6397251	71771832	4.531	4.827	
12)	B	4,4'-DDE	5.598	6.302	12352483	144.5E6	8.612	9.566	
13)	MA	Dieldrin	5.731	6.452	12777633	146.1E6	8.525	9.523	
14)	MA	Endrin	5.988	6.669	11996384	119.7E6	9.054	9.434	
15)	B	Endosulfa...	6.262	6.879	11119219	133.5E6	9.361	10.858	
16)	A	4,4'-DDD	6.115	6.792	10233635	119.4E6	8.636	9.864	
17)	MA	4,4'-DDT	6.356	7.091	9455181	110.7E6	7.841	9.158	
18)	B	Endrin al...	6.431	7.003	10593385	107.7E6	9.766	10.212	
19)	B	Endosulfa...	6.644	7.226	10487997	119.7E6	9.248	9.832	
20)	A	Methoxychlor	6.902	7.548	32138818	283.2E6	46.098	49.588	
21)	B	Endrin ke...	7.135	7.695	13745372	119.8E6	9.682	10.340	

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

Instrument :
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AJ 5/24/21