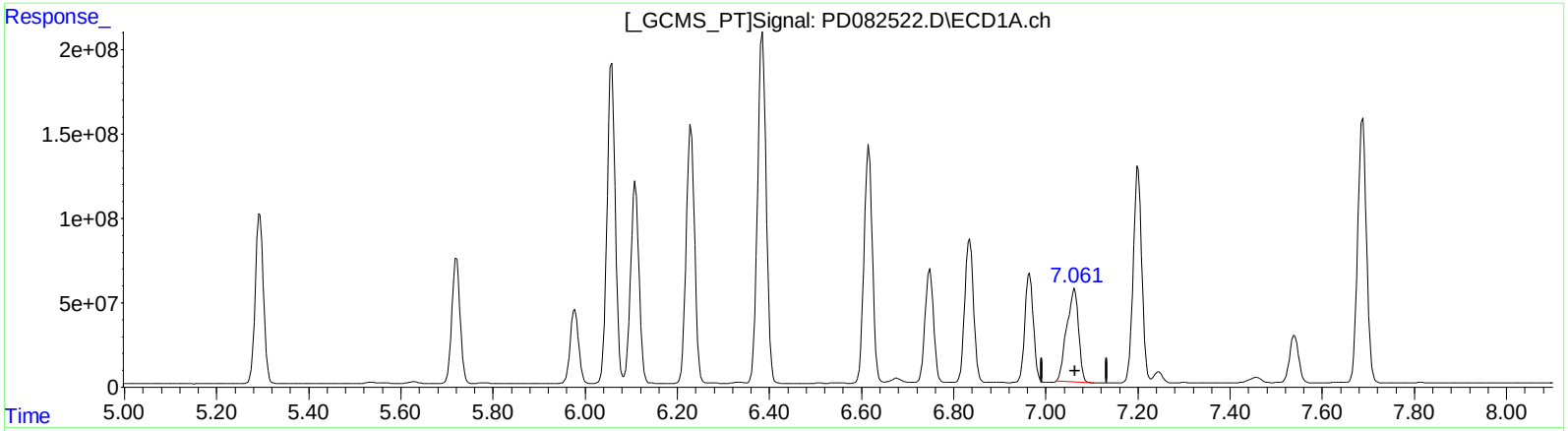
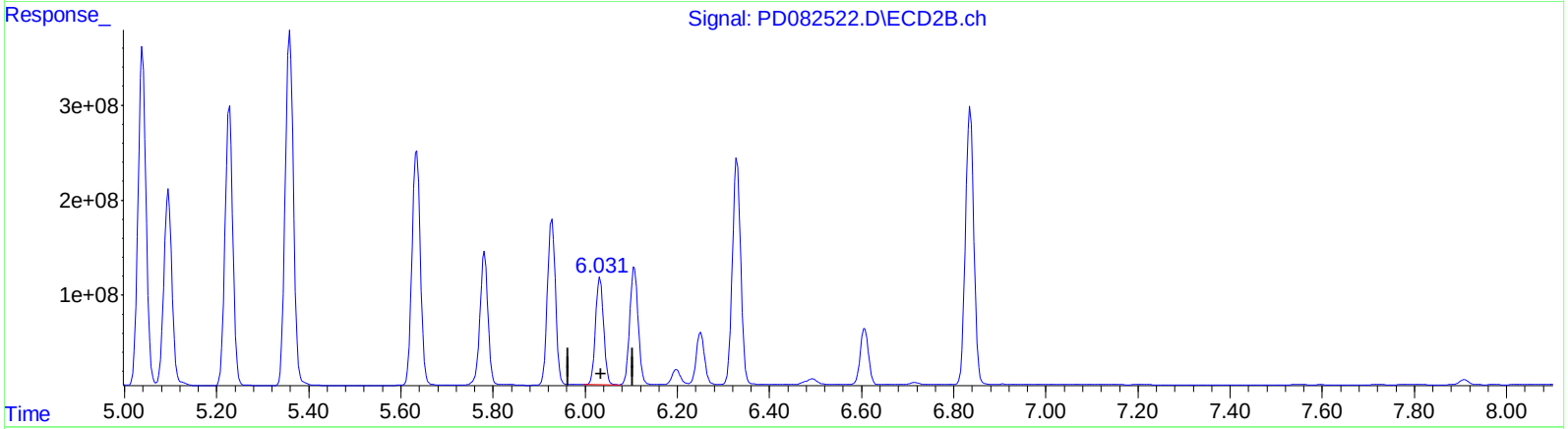
Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042024\
Data File : PD082522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Apr 2024 14:04
Operator : AR\AJ
Sample : P2154-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 19 21:17:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041024CLP.M
Quant Title : GC Extractables
QLast Update : Wed Apr 10 02:08:54 2024
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





QEdit

(17) 4,4'-DDT (MA)

7.063min 598.512 ng/ml

response 978954643

(17) 4,4'-DDT #2 (MA)

6.033min 416.036 ng/ml

response 1365600183

(+) = Expected Retention Time

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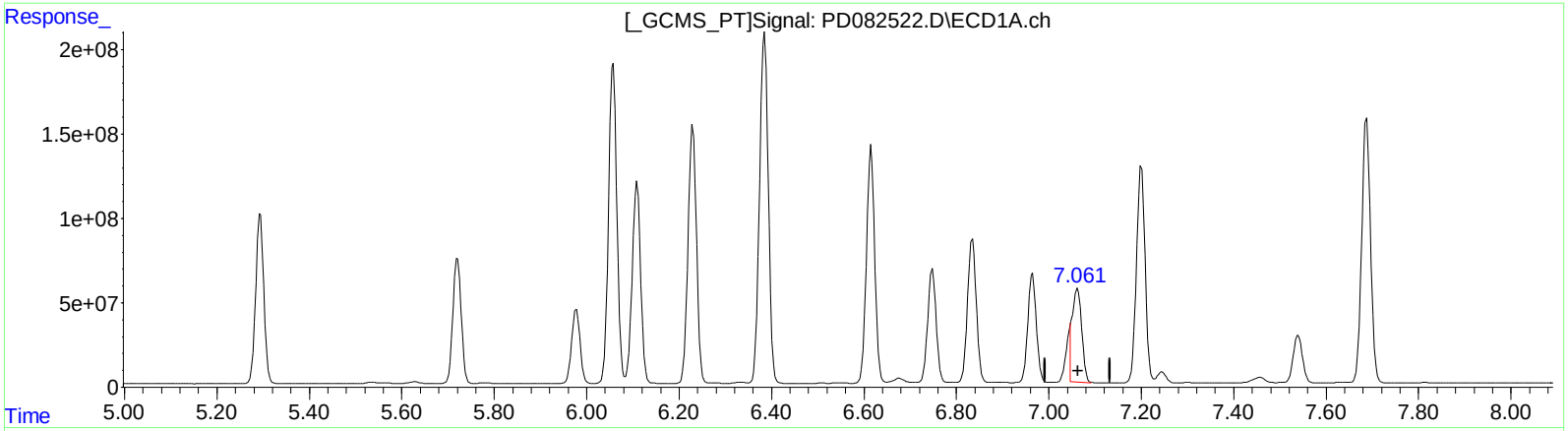

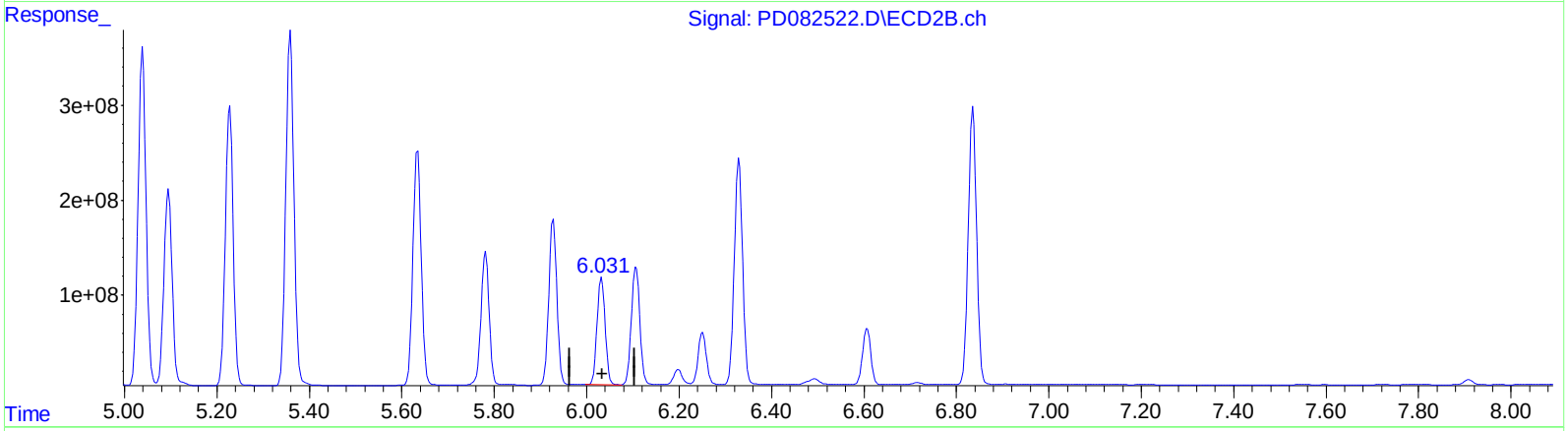

QEdit

(17) 4,4'-DDT (MA)

7.061min 478.410 ng/ml m

response 782509874

(17) 4,4'-DDT #2 (MA)

6.033min 416.036 ng/ml

response 1365600183

(+) = Expected Retention Time

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		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.564	2.775	28596277	73592828	18.857	21.345
27)	SA	Decachlor...	9.123	7.909	36416261	70295027	18.622	21.603
		Target Compounds						
2)	A	alpha-BHC	4.023	3.276	2397.5E6	3962.2E6	933.299	737.888
3)	MA	gamma-BHC...	4.357	3.604	1061.2E6	2018.6E6	426.825	402.586
4)	MA	Heptachlor	4.950	3.944	1161.1E6	2174.6E6	459.716	464.687
5)	MB	Aldrin	5.294	4.223	1237.7E6	2330.9E6	531.921	506.988
6)	B	beta-BHC	4.552	3.900	357.1E6	750.3E6	340.592	360.883
7)	B	delta-BHC	4.802	4.130	1362.6E6	2610.8E6	564.354	534.940
8)	B	Heptachlo...	5.721	4.725	927.1E6	1768.8E6	427.133	417.922
9)	A	Endosulfan I	6.109	5.095	1523.4E6	2581.2E6	705.036	672.142
10)	B	trans-Chl...	5.978	4.975	552.7E6	1132.9E6	269.157	281.399
11)	B	cis-Chlor...	6.058	5.039	2376.5E6	4322.7E6	1124.122	1045.843
12)	B	4,4'-DDE	6.230	5.228	1924.5E6	3485.1E6	935.046	899.508
13)	MA	Dieldrin	6.385	5.359	2704.3E6	4604.3E6	1227.455	1092.762
14)	MA	Endrin	6.616	5.634	1755.9E6	3112.1E6	957.742	857.910
15)	B	Endosulfa...	6.835	5.928	1136.8E6	2146.1E6	598.535	620.022
16)	A	4,4'-DDD	6.748	5.782	856.8E6	1654.4E6	543.831	537.159
17)	MA	4,4'-DDT	7.061	6.033	782.5E6	1365.6E6	478.410m	416.036
18)	B	Endrin al...	6.965	6.107	835.3E6	1583.8E6	615.735	598.712
19)	B	Endosulfa...	7.200	6.330	1617.9E6	2999.2E6	958.878	897.849
20)	A	Methoxychlor	7.540	6.607	381.6E6	729.8E6	433.193	435.793
21)	B	Endrin ke...	7.688	6.836	2085.0E6	3689.1E6	1160.650	981.067

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

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