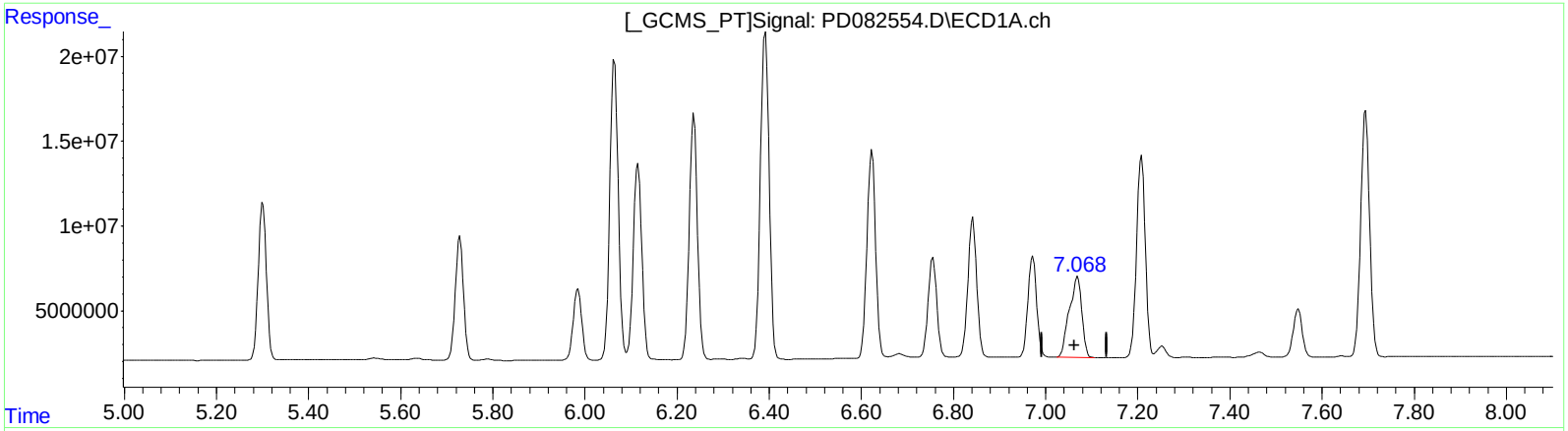
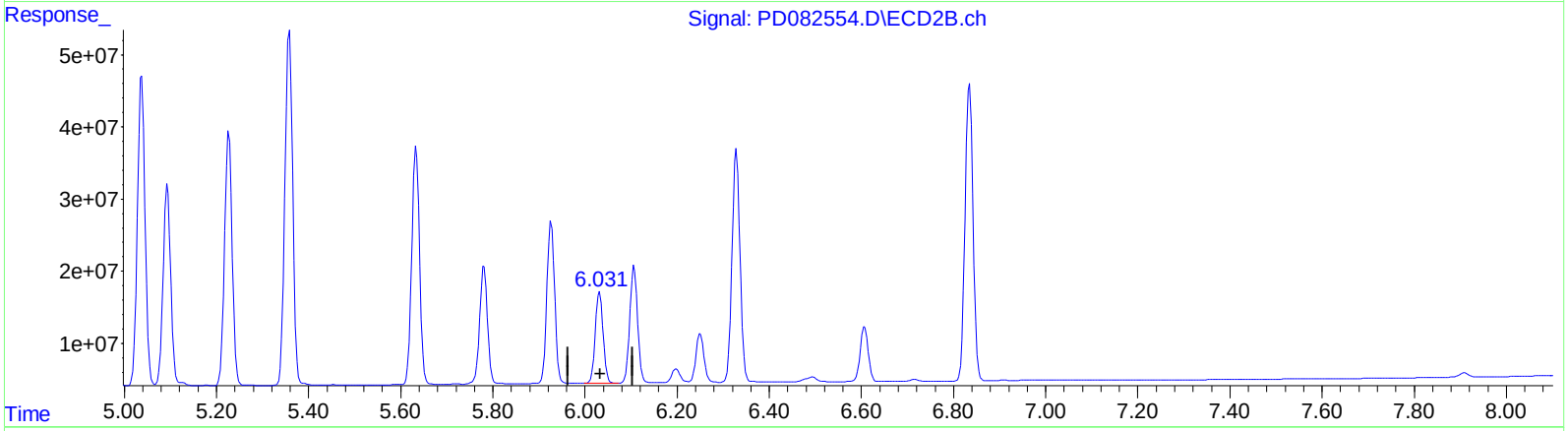
Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042224\
Data File : PD082554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2024 13:32
Operator : AR\AJ
Sample : P2154-02DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 21:27:48 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)

7.070min 54.338 ng/ml

response 88878021

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

6.032min 45.469 ng/ml

response 149248842

(+) = Expected Retention Time

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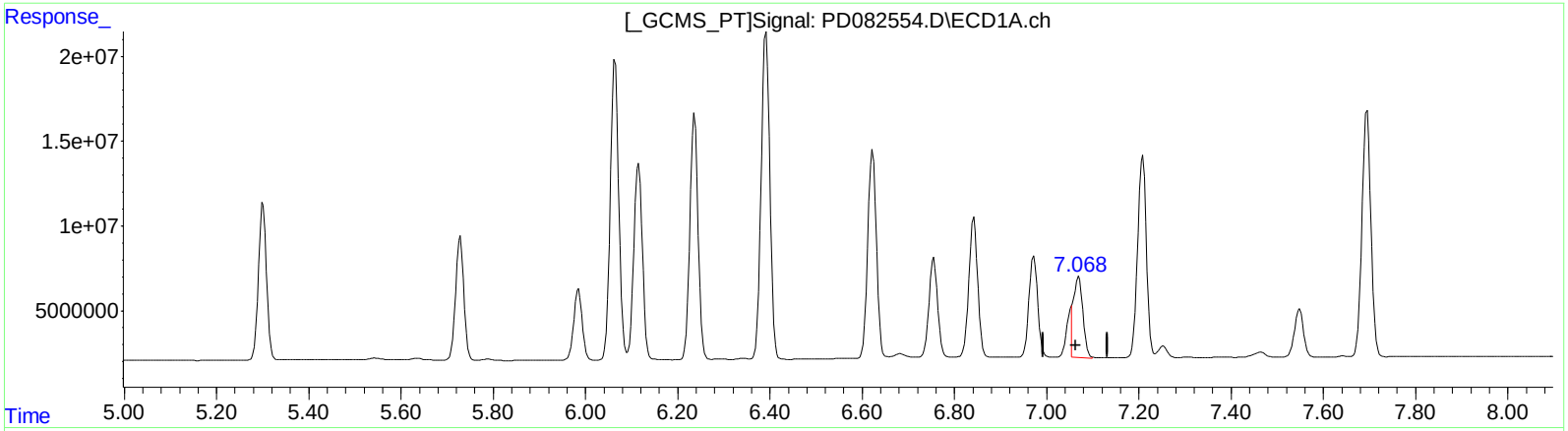

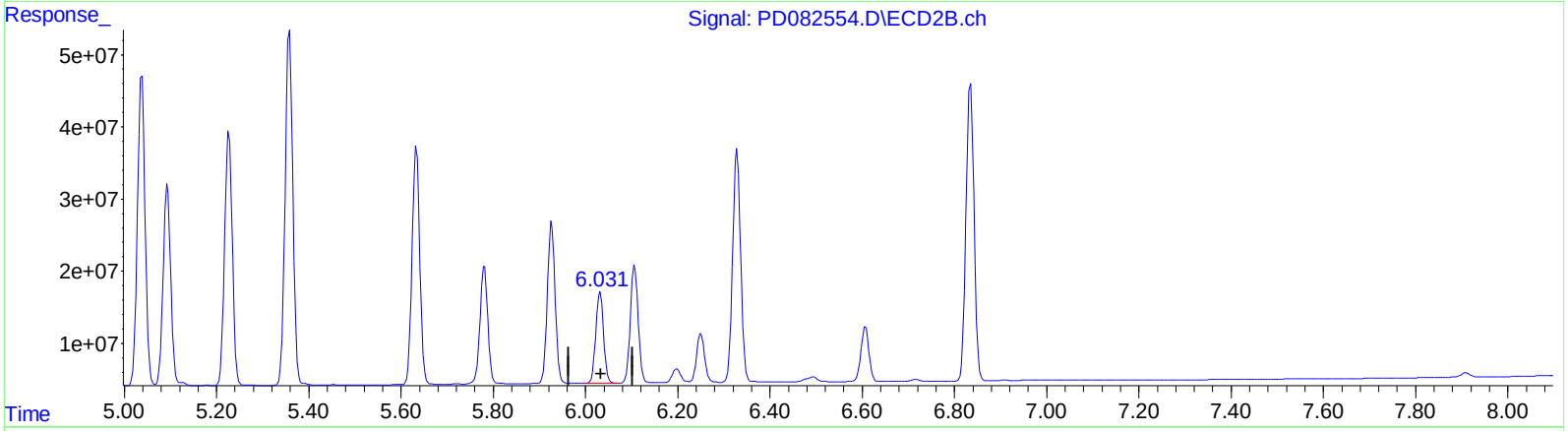

QEdit

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

7.068min 41.823 ng/ml m

response 68408391

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

6.032min 45.469 ng/ml

response 149248842

(+) = 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...	3.571	2.772	2888364	8447358	1.905	2.450	#
27)	SA	Decachlor...	9.133	7.909	4176362	8362876	2.136	2.570	
		Target Compounds							
2)	A	alpha-BHC	4.030	3.274	201.9E6	467.8E6	78.597	87.123	
3)	MA	gamma-BHC...	4.364	3.603	88278121	210.4E6	35.507	41.952	
4)	MA	Heptachlor	4.957	3.942	99705338	238.6E6	39.476	50.982	#
5)	MB	Aldrin	5.301	4.222	113.6E6	260.2E6	48.834	56.589	
6)	B	beta-BHC	4.560	3.899	35744254	85410611	34.092	41.083	
7)	B	delta-BHC	4.810	4.129	114.2E6	284.4E6	47.306	58.274	
8)	B	Heptachlo...	5.729	4.724	91091647	203.5E6	41.967	48.085	
9)	A	Endosulfan I	6.115	5.094	150.3E6	323.4E6	69.577	84.212	
10)	B	trans-Chl...	5.985	4.974	53342562	121.1E6	25.977	30.081	
11)	B	cis-Chlor...	6.064	5.038	226.7E6	500.4E6	107.250	121.063	
12)	B	4,4'-DDE	6.236	5.227	178.7E6	406.6E6	86.838	104.954	
13)	MA	Dieldrin	6.392	5.358	253.8E6	576.8E6	115.217	136.887	
14)	MA	Endrin	6.623	5.633	161.0E6	384.4E6	87.814	105.977	
15)	B	Endosulfa...	6.842	5.927	109.8E6	266.7E6	57.801	77.043	#
16)	A	4,4'-DDD	6.755	5.781	76154433	191.2E6	48.335	62.067	#
17)	MA	4,4'-DDT	7.068	6.032	68408391	149.2E6	41.823m	45.469	
18)	B	Endrin al...	6.972	6.107	79300745	193.2E6	58.458	73.031	
19)	B	Endosulfa...	7.208	6.329	152.0E6	391.7E6	90.097	117.247	#
20)	A	Methoxychlor	7.549	6.607	38684273	91675346	43.913	54.742	
21)	B	Endrin ke...	7.695	6.835	196.5E6	498.8E6	109.386	132.654	

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

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