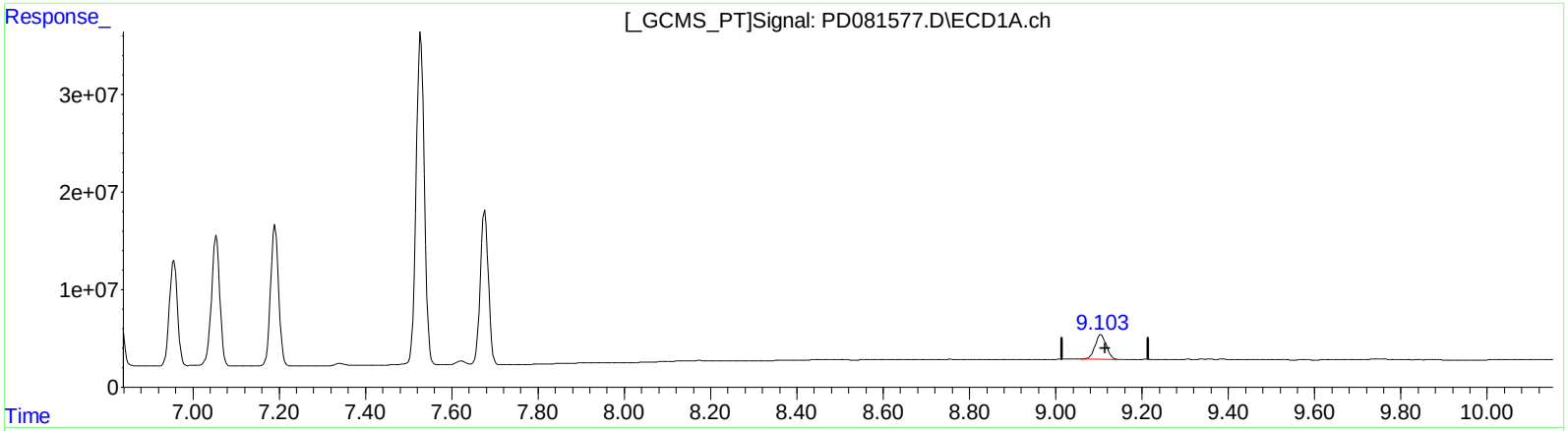
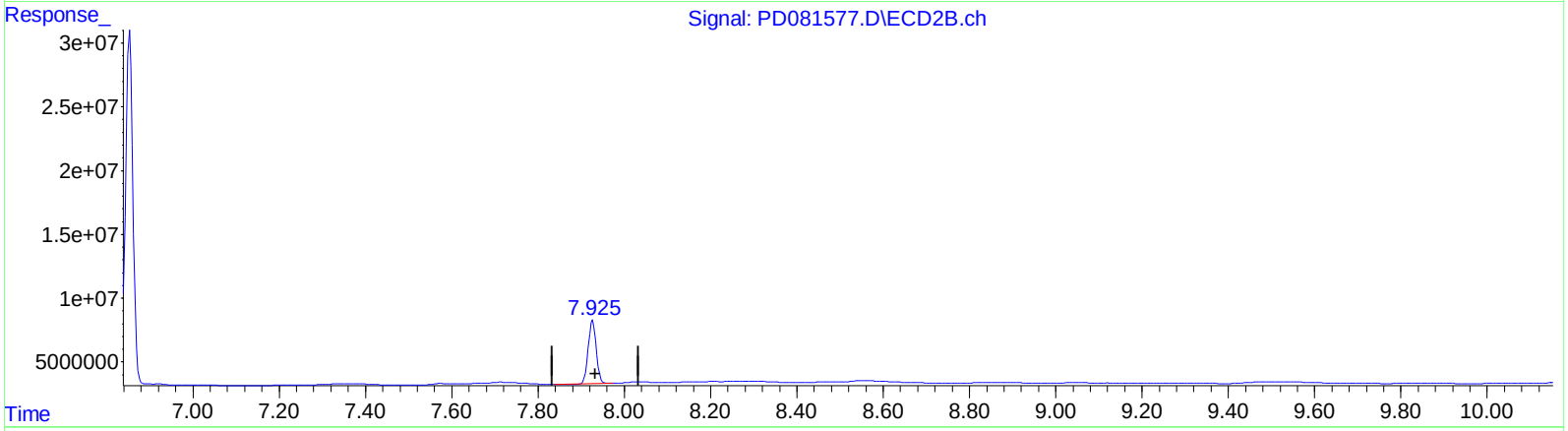
Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022324\
Data File : PD081577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2024 11:19
Operator : AR\AJ
Sample : P1501-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:44:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021224CLP.M
Quant Title : GC Extractables
QLast Update : Mon Feb 12 17:06:05 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

(27) Decachlorobiphenyl (SA)

9.105min 23.969 ng/ml

response 46245535

(27) Decachlorobiphenyl #2 (SA)

7.927min 25.898 ng/ml

response 64244231

(+) = Expected Retention Time

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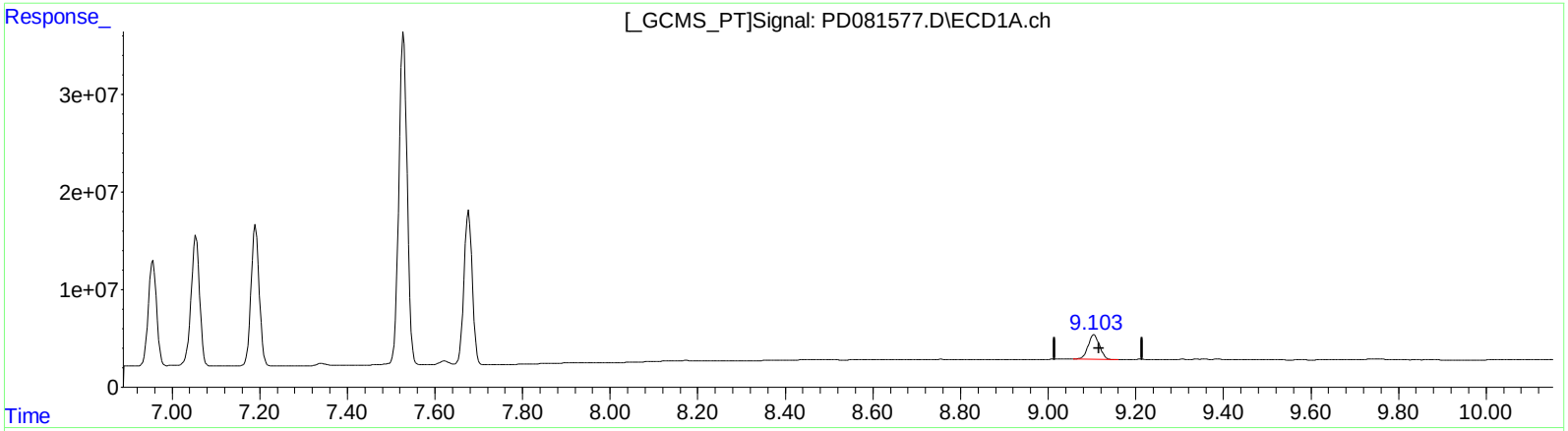

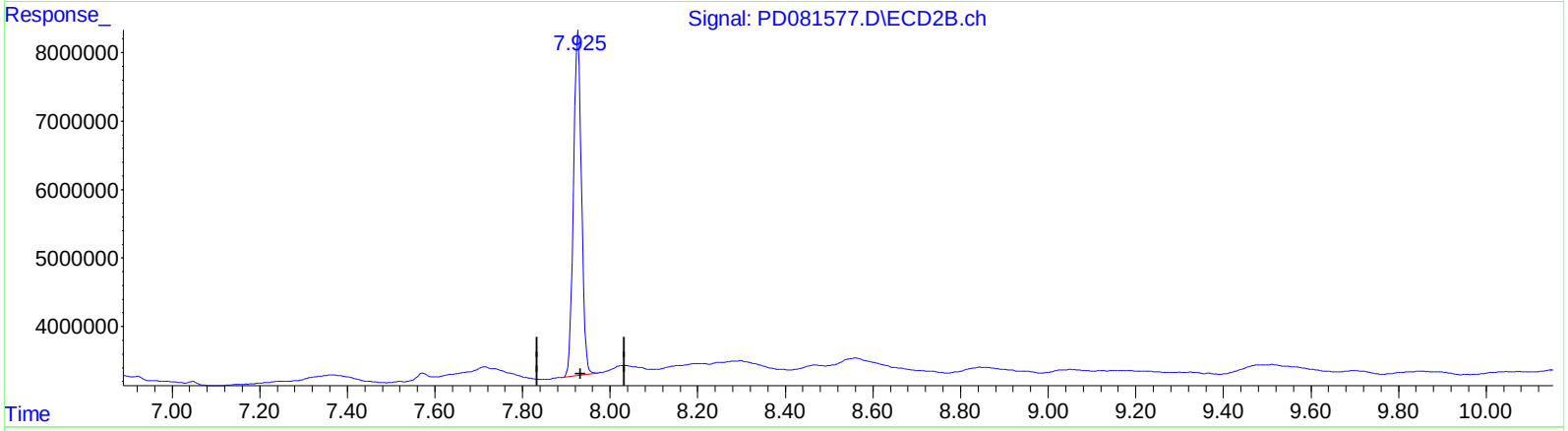

QEdit

(27) Decachlorobiphenyl (SA)

9.105min 23.969 ng/ml

response 46245535

(27) Decachlorobiphenyl #2 (SA)

7.925min 26.134 ng/ml m

response 64830246

(+) = 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...	3.564	2.793	30589819	54880829	22.375	22.386
27) SA	Decachlor...	9.105	7.925	46245535	64830246	23.969	26.134m
	Target Compounds						
2) A	alpha-BHC	4.021	3.294	129.5E6	213.6E6	55.457	55.556
3) MA	gamma-BHC...	4.354	3.623	119.9E6	190.7E6	51.894	52.641
4) MA	Heptachlor	4.946	3.964	125.6E6	182.7E6	51.200	51.514
5) MB	Aldrin	5.289	4.243	121.5E6	179.2E6	51.396	52.913
6) B	beta-BHC	4.548	3.918	51627024	81800144	49.678	48.411
7) B	delta-BHC	4.798	4.149	126.7E6	196.7E6	53.515	52.538
8) B	Heptachlo...	5.716	4.744	112.9E6	168.8E6	49.862	52.612
9) A	Endosulfan I	6.102	5.114	105.9E6	158.5E6	50.296	52.934
10) B	trans-Chl...	5.971	4.994	108.8E6	166.1E6	49.701	53.242
11) B	cis-Chlor...	6.051	5.059	109.8E6	166.4E6	48.746	51.950
12) B	4,4'-DDE	6.222	5.247	214.9E6	321.1E6	100.097	108.598
13) MA	Dieldrin	6.378	5.379	228.1E6	349.8E6	102.740	106.509
14) MA	Endrin	6.608	5.654	181.8E6	297.2E6	96.896	103.427
15) B	Endosulfa...	6.826	5.946	194.5E6	304.7E6	100.741	107.939
16) A	4,4'-DDD	6.739	5.800	169.3E6	274.8E6	101.954	109.019
17) MA	4,4'-DDT	7.054	6.051	181.0E6	275.9E6	104.185	106.825
18) B	Endrin al...	6.956	6.125	142.0E6	219.5E6	95.069	101.315
19) B	Endosulfa...	7.190	6.348	185.5E6	282.0E6	101.314	105.105
20) A	Methoxychlor	7.528	6.625	449.3E6	650.9E6	489.824	487.209
21) B	Endrin ke...	7.677	6.854	208.4E6	328.9E6	107.752	109.671

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

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