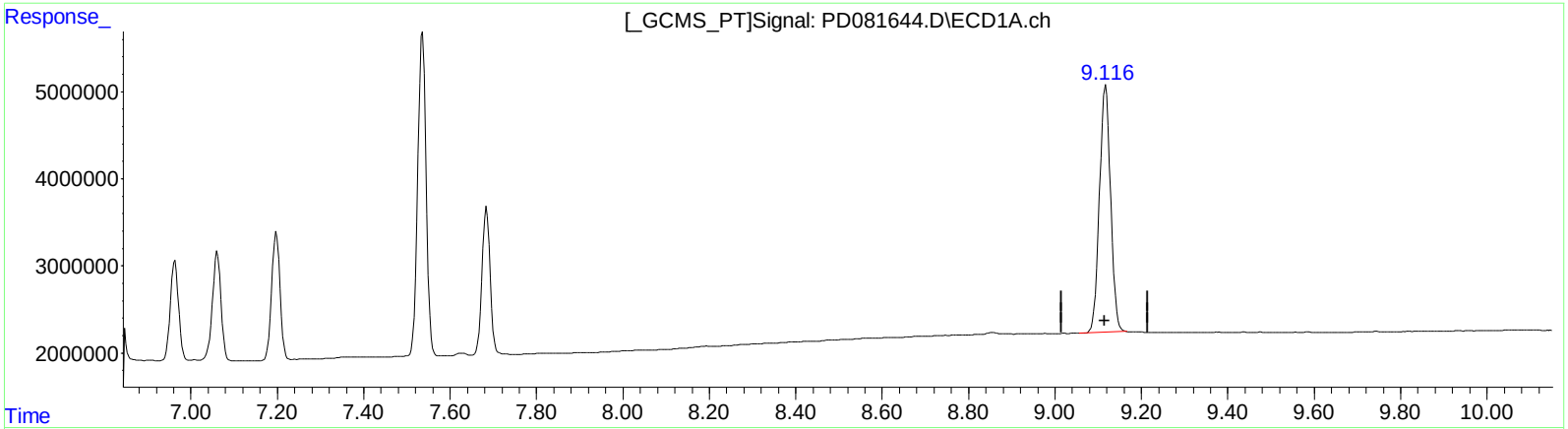
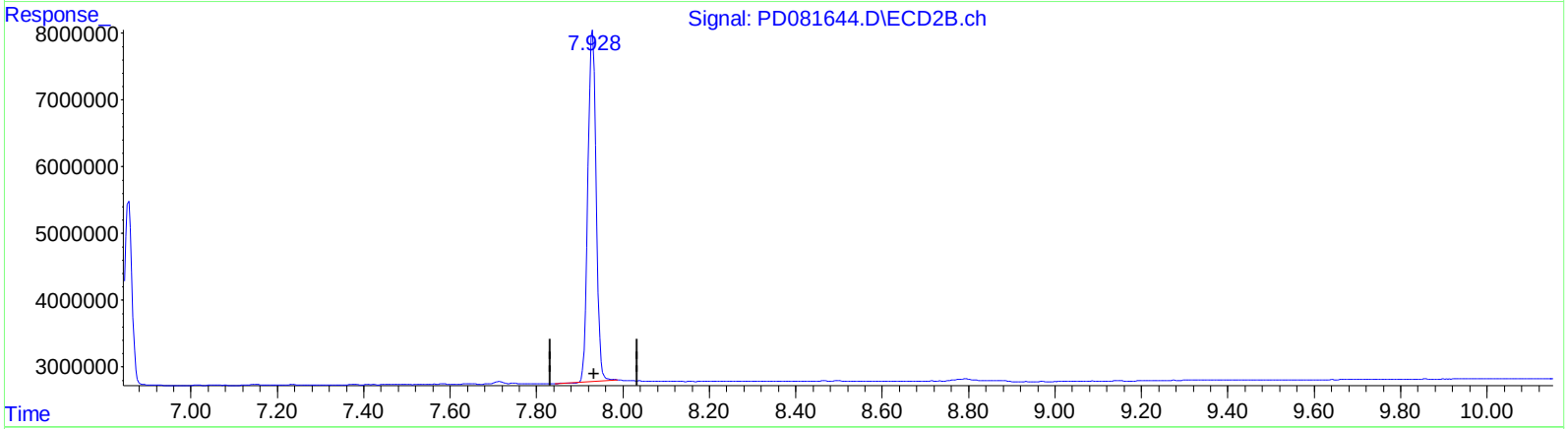
Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022624\
Data File : PD081644.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2024 12:36
Operator : AR\AJ
Sample : PB159203BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 21:24:58 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)

9.117min 26.341 ng/ml

response 50820530

(27) Decachlorobiphenyl #2 (SA)

7.930min 28.029 ng/ml

response 69532095

(+) = Expected Retention Time

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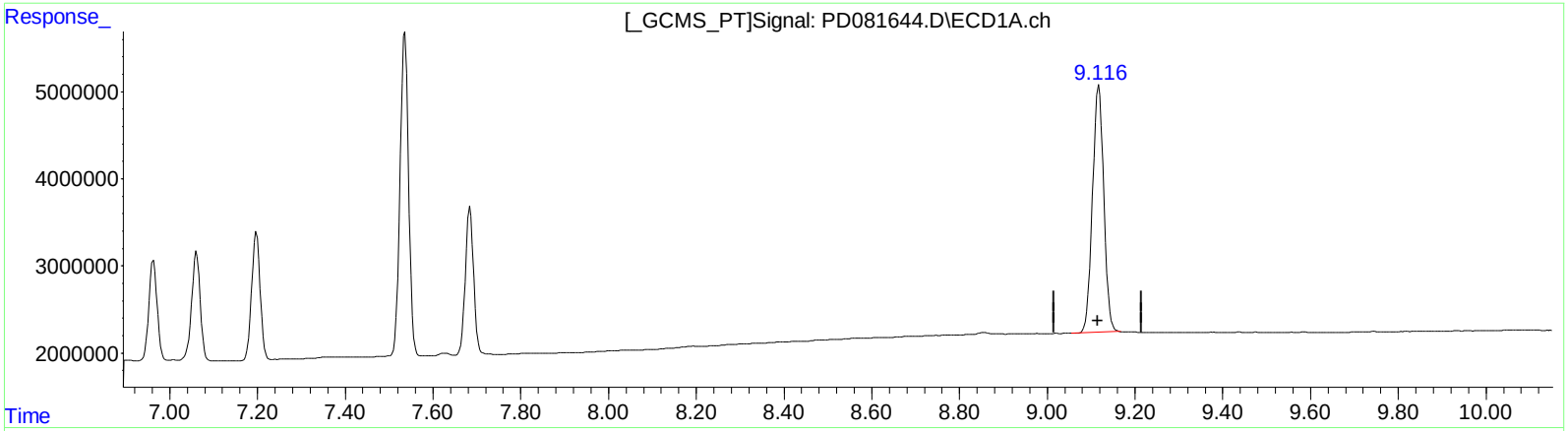

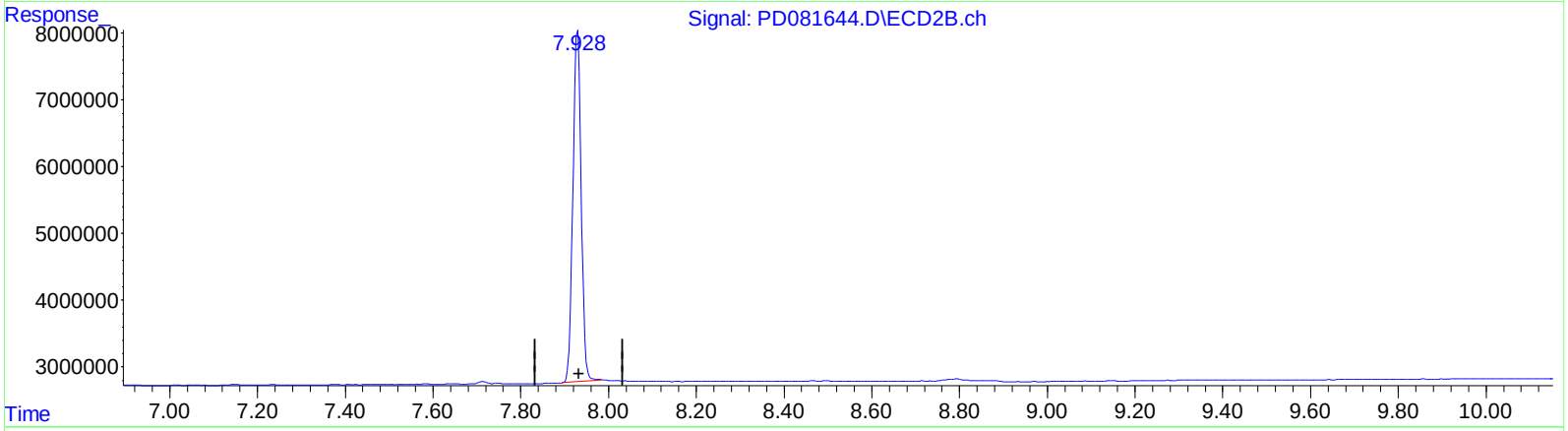

QEdit

(27) Decachlorobiphenyl (SA)

9.117min 26.341 ng/ml

response 50820530

(27) Decachlorobiphenyl #2 (SA)

7.928min 28.128 ng/ml m

response 69777876

(+) = 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...	3.569	2.793	27351007	55054986	20.006	22.457
27) SA	Decachlor...	9.117	7.928	50820530	69777876	26.341	28.128m
	Target Compounds						
2) A	alpha-BHC	4.025	3.294	9705828	19308048	4.156	5.022
3) MA	gamma-BHC...	4.359	3.624	9573793	17865793	4.144	4.933
4) MA	Heptachlor	4.952	3.964	12086240	17844289	4.928	5.030
5) MB	Aldrin	5.295	4.244	11728874	17582687	4.960	5.191
6) B	beta-BHC	4.554	3.919	5171732	8691631	4.977	5.144
7) B	delta-BHC	4.802	4.149	11729985	17354670	4.953	4.635
8) B	Heptachlo...	5.721	4.745	11599339	16556696	5.121	5.160
9) A	Endosulfan I	6.108	5.115	11298806	15929803	5.366	5.320
10) B	trans-Chl...	5.978	4.996	11390007	16721952	5.202	5.359
11) B	cis-Chlor...	6.058	5.060	11724692	16962268	5.206	5.295
12) B	4,4'-DDE	6.229	5.248	21720750	30082149	10.119	10.173
13) MA	Dieldrin	6.383	5.380	22123630	33091650	9.964	10.075
14) MA	Endrin	6.615	5.655	18406591	29835907	9.808	10.385
15) B	Endosulfa...	6.832	5.948	20031471	30547168	10.377	10.823
16) A	4,4'-DDD	6.746	5.802	15858918	25728604	9.548	10.209
17) MA	4,4'-DDT	7.061	6.052	17497345	25657124	10.071	9.936
18) B	Endrin al...	6.963	6.127	15398929	24304990	10.308	11.216
19) B	Endosulfa...	7.198	6.350	19841199	29938020	10.837	11.160
20) A	Methoxychlor	7.536	6.627	50209610	70992539	54.738	53.136
21) B	Endrin ke...	7.684	6.856	22299971	33506250	11.532	11.174

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

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