

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111721\
Data File : PD066993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2021 14:59
Operator : AR\AJ
Sample : M4677-08MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

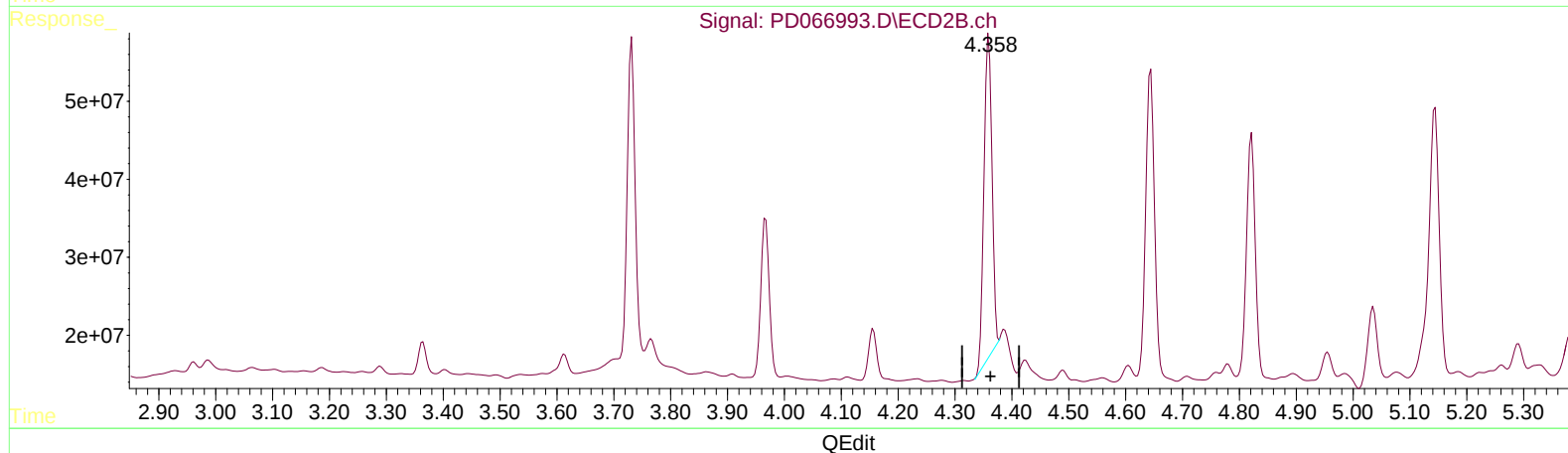
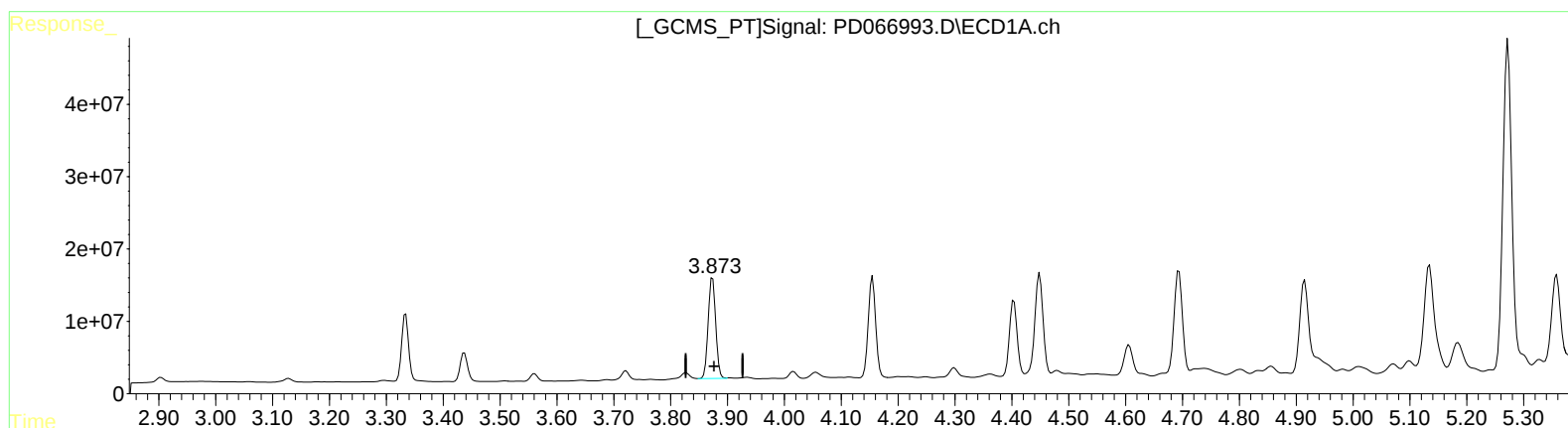
Instrument :
ECD_D
ClientSampleId :
H0AB5MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 11/18/2021
Supervised By :mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:19:08 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 27 16:50:52 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



(2) alpha-BHC (A)
3.874min 43.747 ng/ml
response 128050542

(2) alpha-BHC #2 (A)
4.360min 36.800 ng/ml
response 402375269

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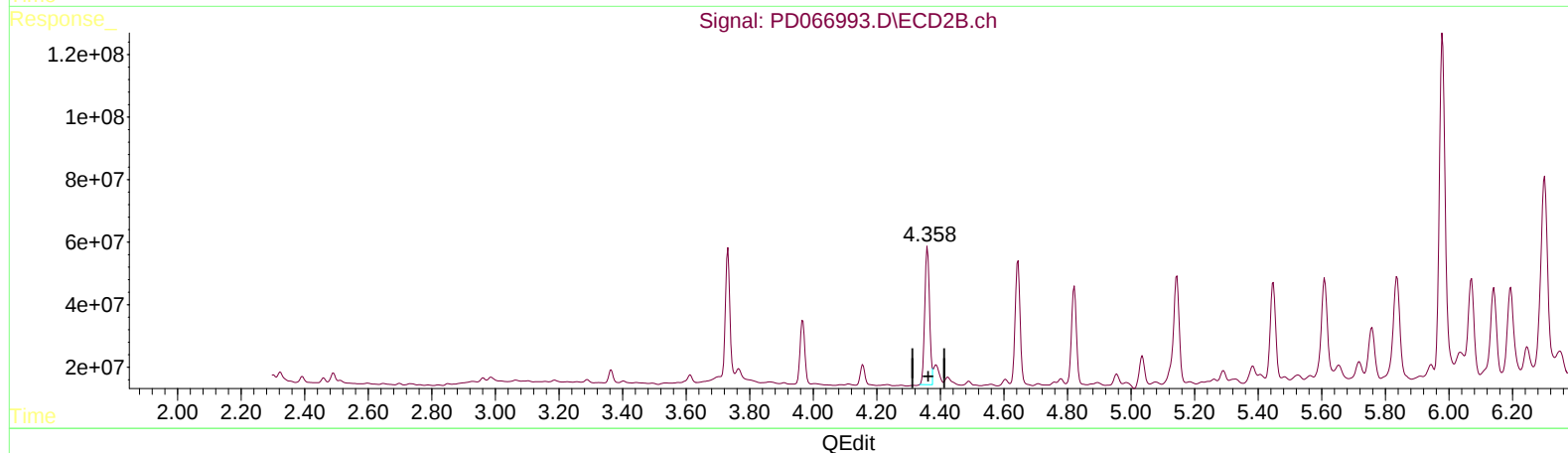
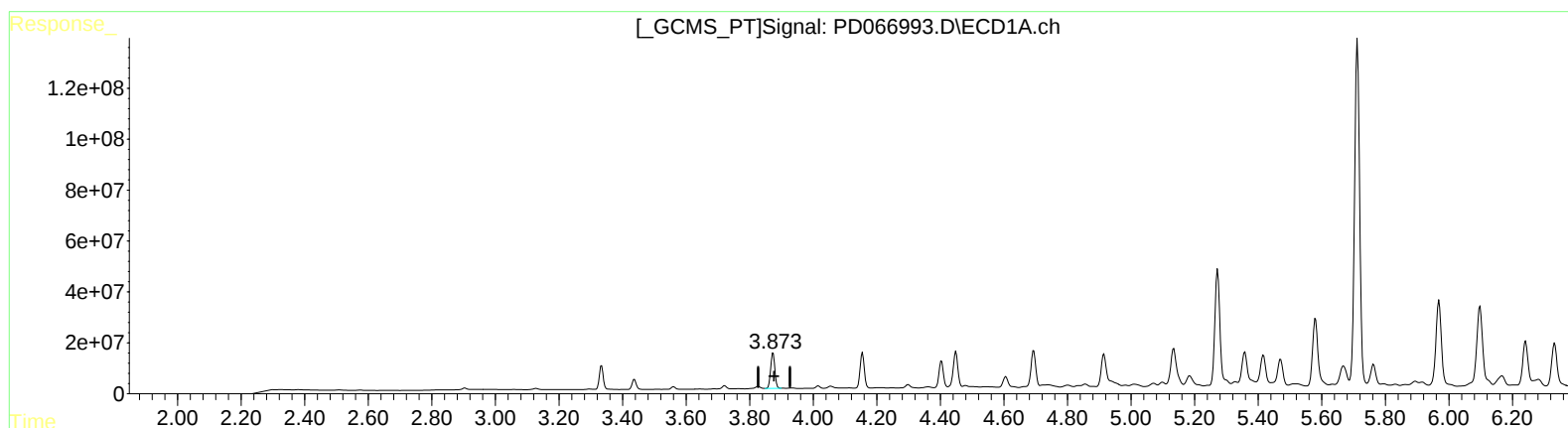
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(2) alpha-BHC (A)
 3.874min 43.747 ng/ml
 response 128050542

(2) alpha-BHC #2 (A)
 4.358min 42.677 ng/ml m
 response 466631380

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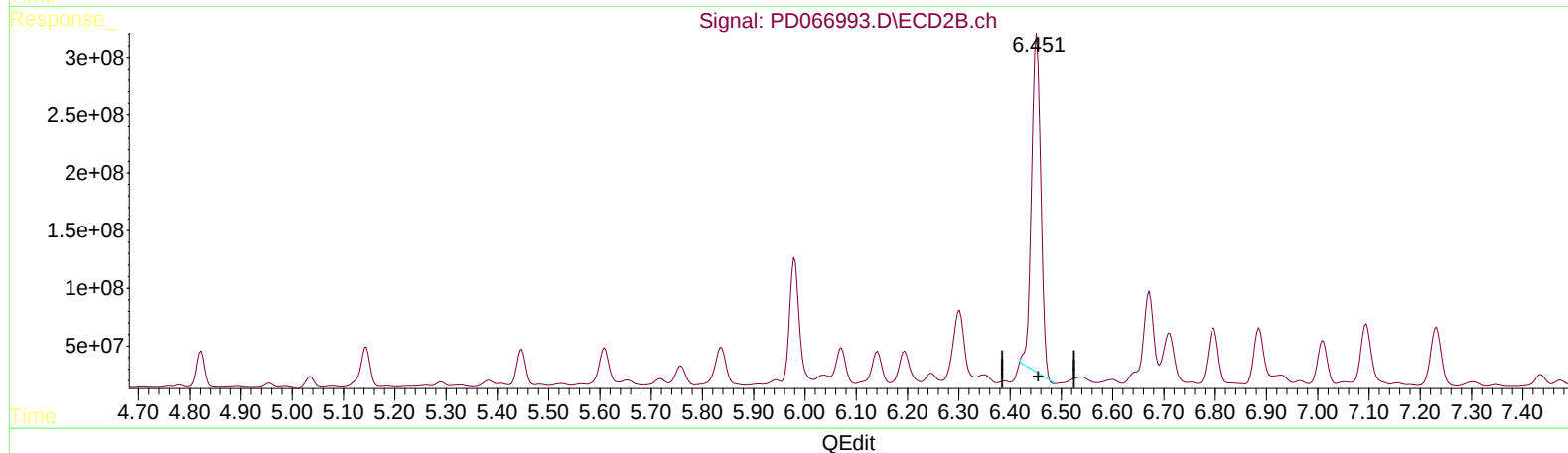
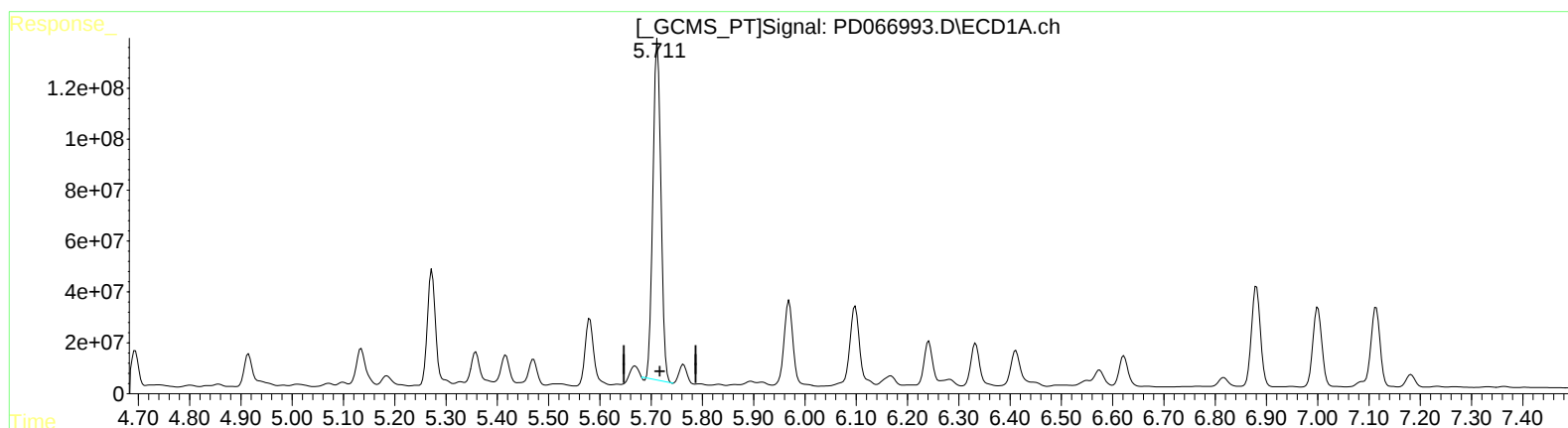
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(13) Dieldrin (MA)

5.712min 579.086 ng/ml

response 1445082916

(13) Dieldrin #2 (MA)

6.452min 458.899 ng/ml

response 3660982902

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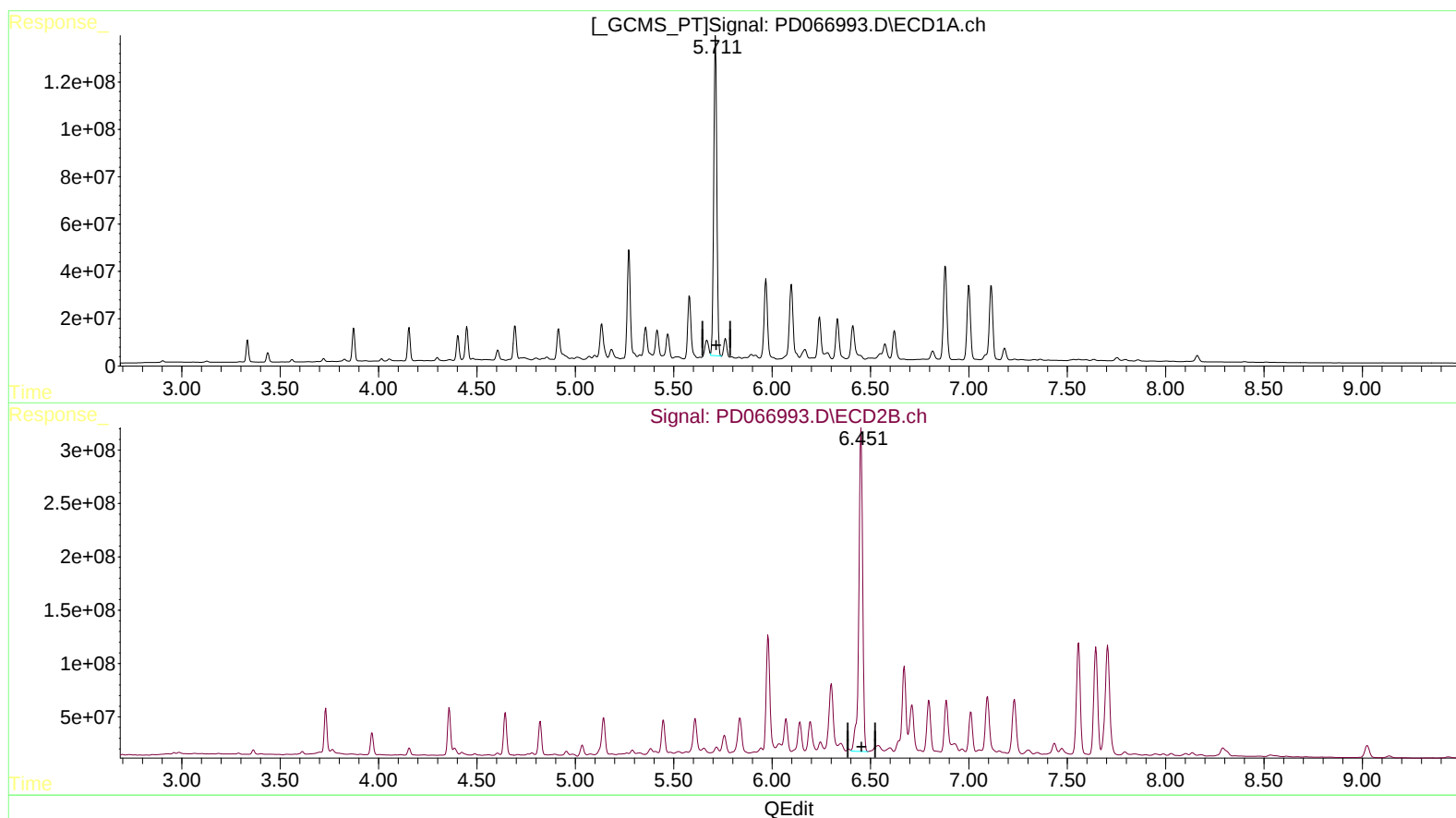
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(13) Dieldrin (MA)

5.711min 591.443 ng/ml m
response 1475919340

(13) Dieldrin #2 (MA)

6.451min 518.422 ng/ml m
response 4135845513

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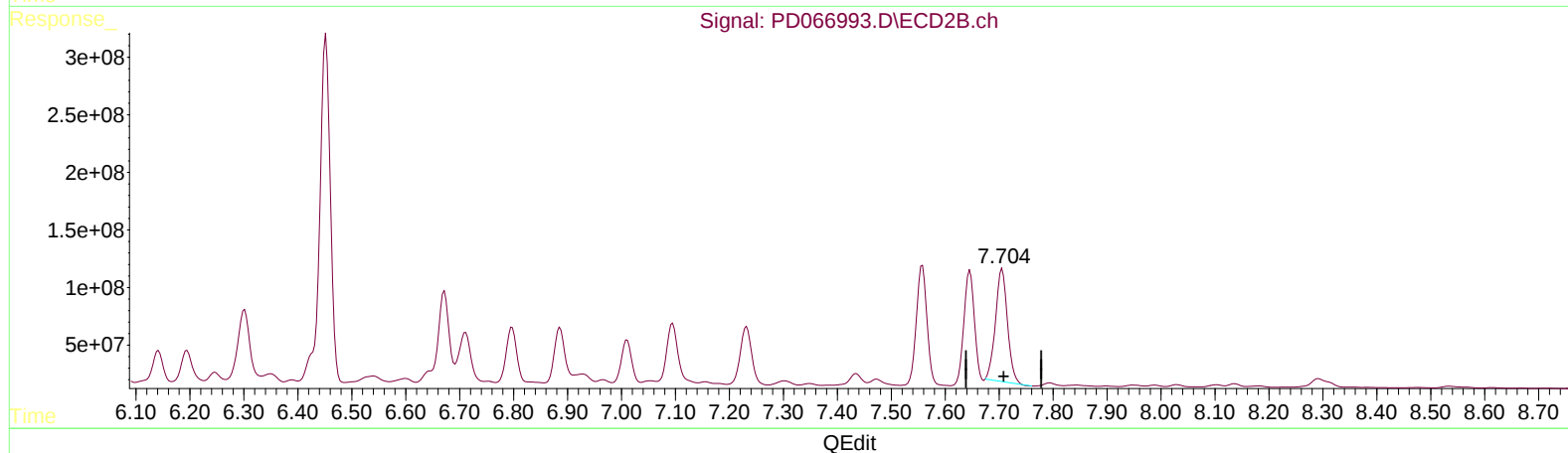
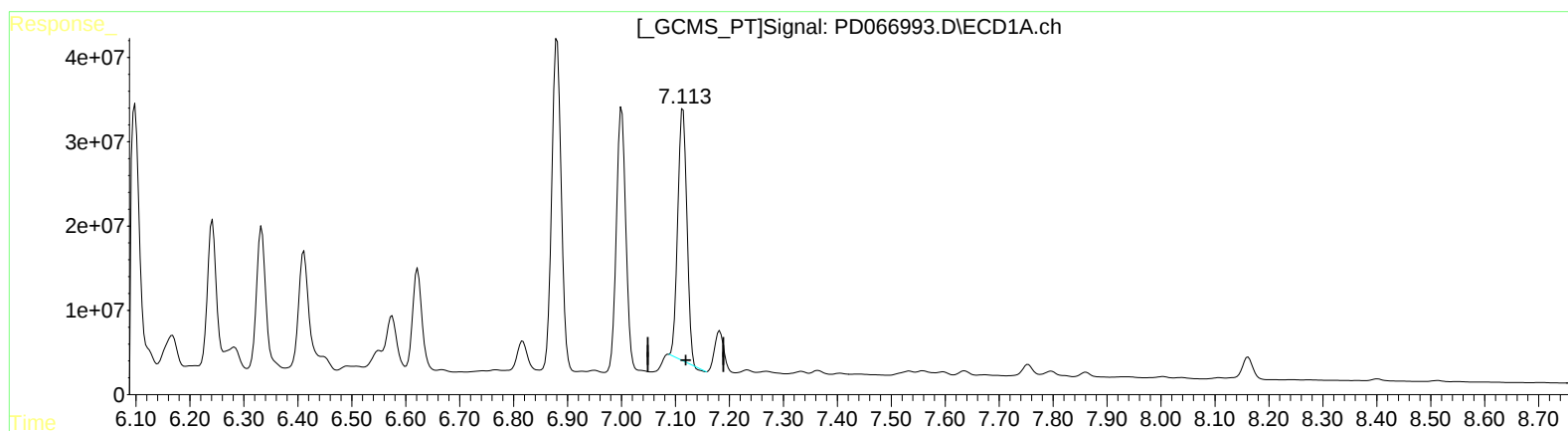
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(21) Endrin ketone (B)
7.114min 171.148 ng/ml
response 352651295

(21) Endrin ketone #2 (B)
7.706min 191.232 ng/ml
response 1498935104

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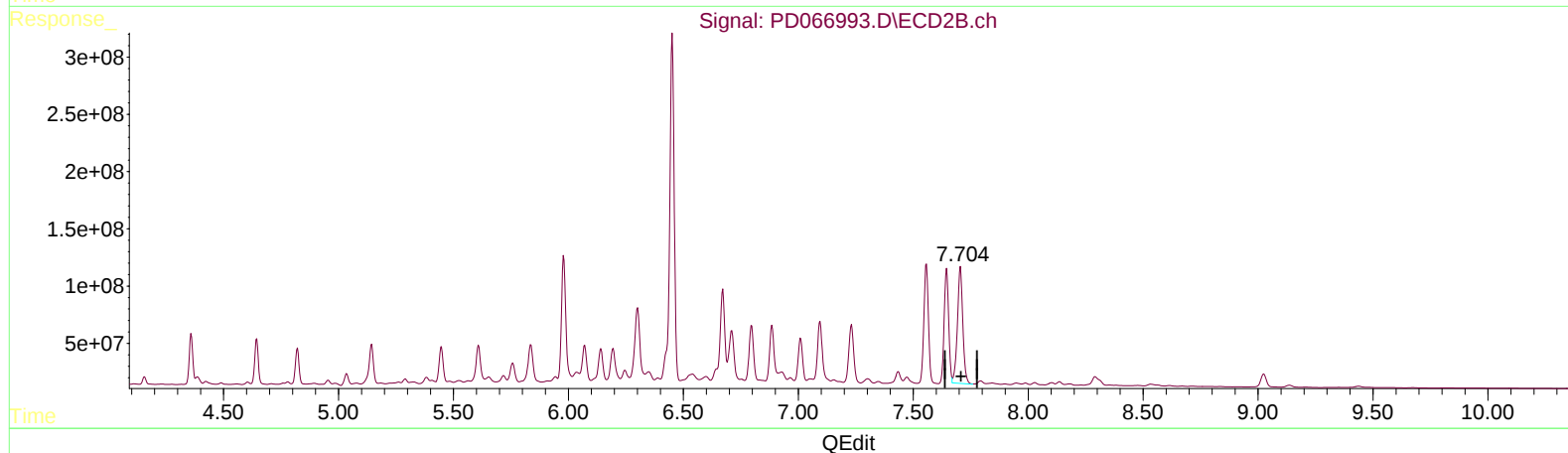
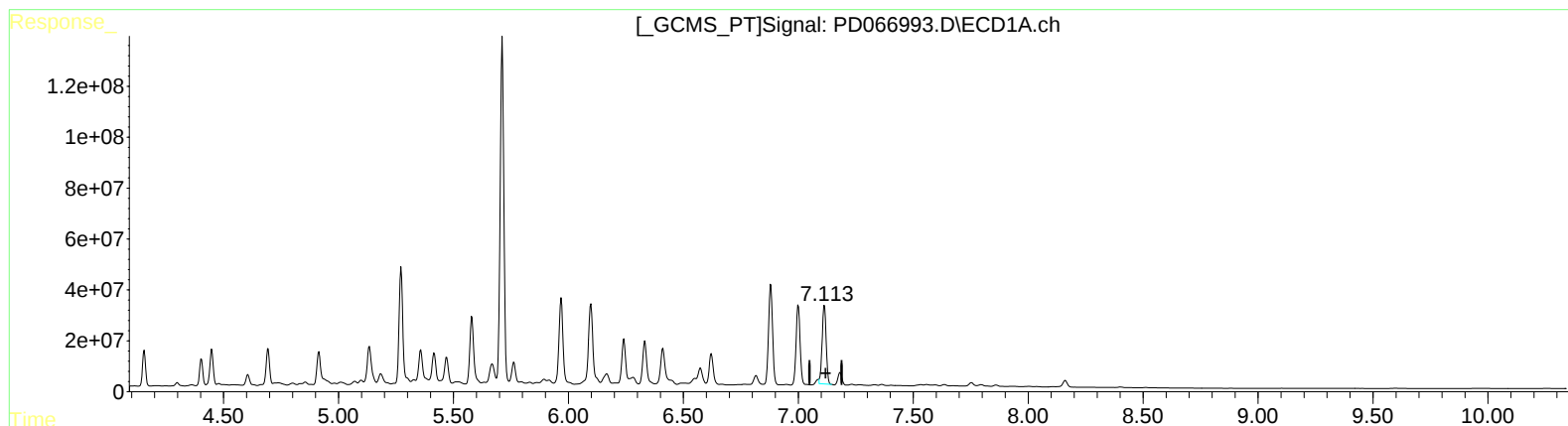
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(21) Endrin ketone (B)
7.113min 184.979 ng/ml m
response 381148662

(21) Endrin ketone #2 (B)
7.704min 211.291 ng/ml m
response 1656166442

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	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.437	3.967	36540410	210.2E6	18.903	24.270 #
27)	SA Decachlor...	8.161	9.025	31806200	188.9E6	27.146	36.216 #
Target Compounds							
2)	A alpha-BHC	3.874	4.358	128.1E6	466.6E6	43.747	42.677m >
3)	MA gamma-BHC...	4.155	4.644	128.1E6	426.5E6	46.262	42.203
4)	MA Heptachlor	4.449	5.144	135.9E6	423.3E6	47.759	43.192
5)	MB Aldrin	4.694	5.448	142.7E6	348.9E6	49.569	37.030 #
6)	B beta-BHC	4.404	4.822	96107893	344.7E6	76.516	69.953
7)	B delta-BHC	4.606	5.036	46398953	111.3E6	17.505	11.252 #
8)	B Heptachlo...	5.135	5.837	162.0E6	444.0E6	63.730	59.065
9)	A Endosulfan I	5.471	6.195	115.4E6	355.7E6	50.364	45.459
10)	B trans-Chl...	5.358	6.071	134.9E6	324.2E6	52.187	37.648 #
11)	B cis-Chlor...	5.416	6.142	126.9E6	356.0E6	49.826	41.490
12)	B 4,4'-DDE	5.580	6.301	307.4E6	924.9E6	134.572	121.462
13)	MA Dieldrin	5.711	6.451	1475.9E6	4135.8E6	591.443m	518.422m >
14)	MA Endrin	5.969	6.672	372.6E6	926.0E6	176.100	136.448
15)	B Endosulfa...	6.242	6.886	163.2E6	578.9E6	78.577	80.732
16)	A 4,4'-DDD	6.098	6.797	377.2E6	635.6E6	208.393	98.453 #
17)	MA 4,4'-DDT	6.333	7.095	195.4E6	703.1E6	103.332	106.430
18)	B Endrin al...	6.411	7.010	160.1E6	453.5E6	109.899	85.235
19)	B Endosulfa...	6.622	7.232	132.1E6	725.2E6	72.437	105.237 #
20)	A Methoxychlor	6.881	7.558	480.0E6	1431.5E6	512.145	442.934
21)	B Endrin ke...	7.113	7.704	381.1E6	1656.2E6	184.979m	211.291m >

AJ
 11/23/21

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