

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122223\
Data File : PD080286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2023 20:15
Operator : AR\AJ
Sample : 05859-17
Misc :
ALS Vial : 40 Sample Multiplier: 1

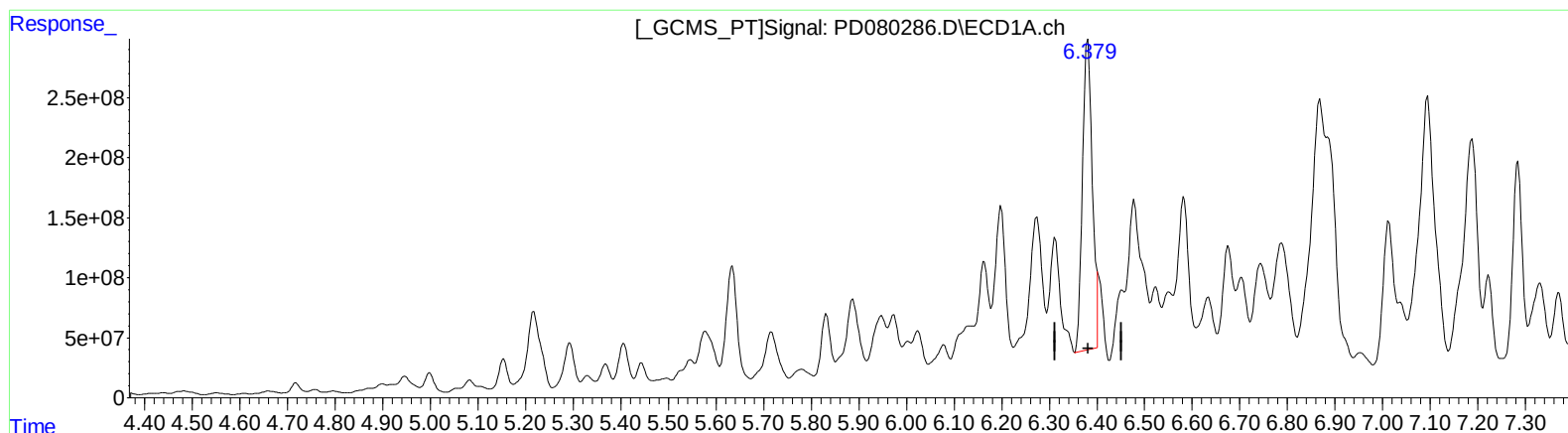
Instrument :
ECD_D
ClientSampleId :
BGRY7

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/22/2023
Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e
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Quant Time: Dec 21 06:07:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121623CLP.M
Quant Title : GC Extractables
QLast Update : Mon Dec 18 00:44:33 2023
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



(13) Dieldrin (MA)

6.379min 1914.738 ng/ml m

response 3563492369

(13) Dieldrin #2 (MA)

5.388min 2051.528 ng/ml m

response 6148371404

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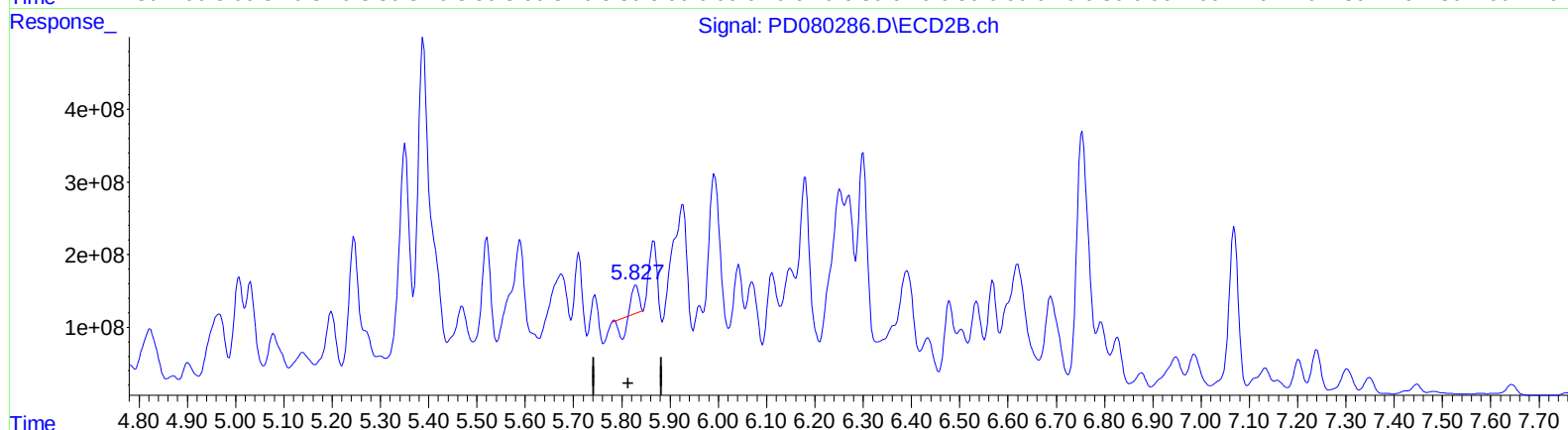
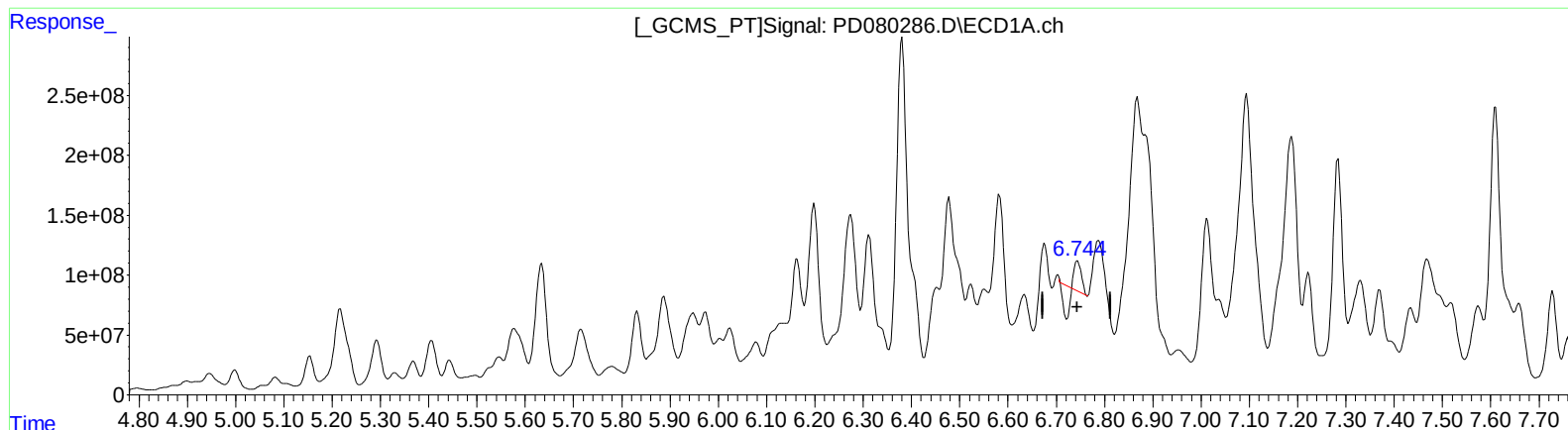
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QEdit

(16) 4,4'-DDD (A)
6.744min 59.689 ng/ml
response 82792642

(16) 4,4'-DDD #2 (A)
5.829min 55.610 ng/ml
response 127862000

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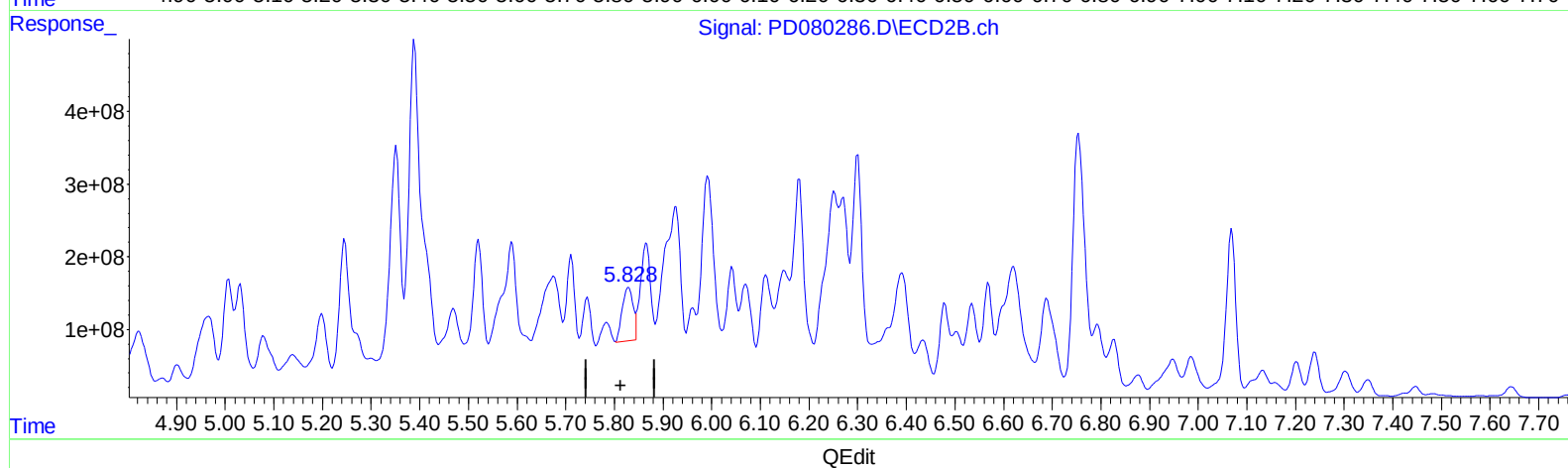
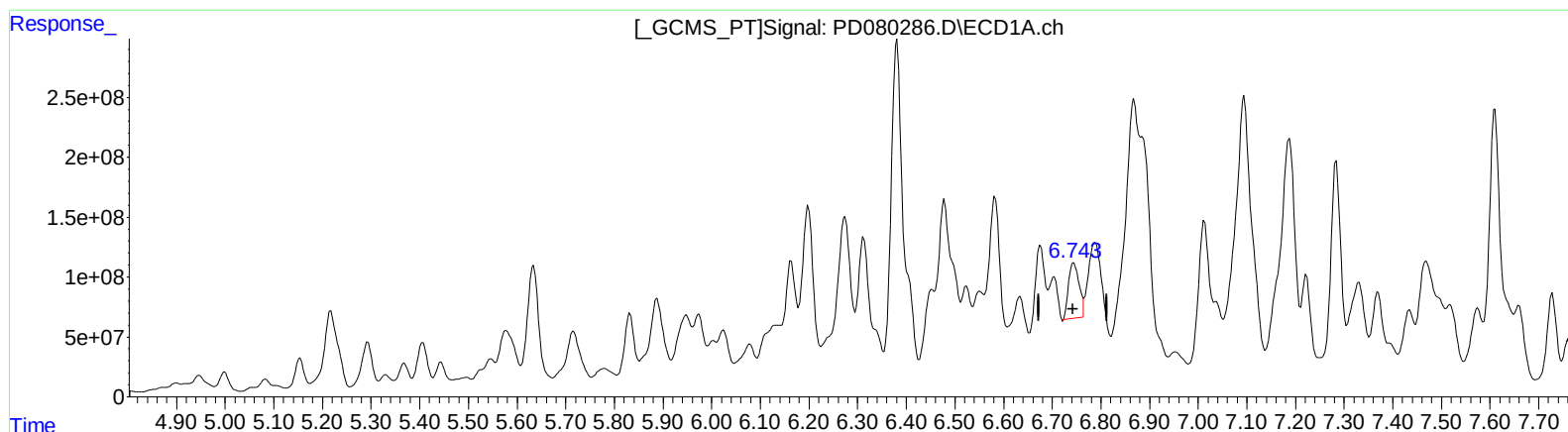
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



(16) 4,4'-DDD (A)

6.743min 532.515 ng/ml m

response 738636589

(16) 4,4'-DDD #2 (A)

5.828min 525.358 ng/ml m

response 1207927264

(+) = Expected Retention Time

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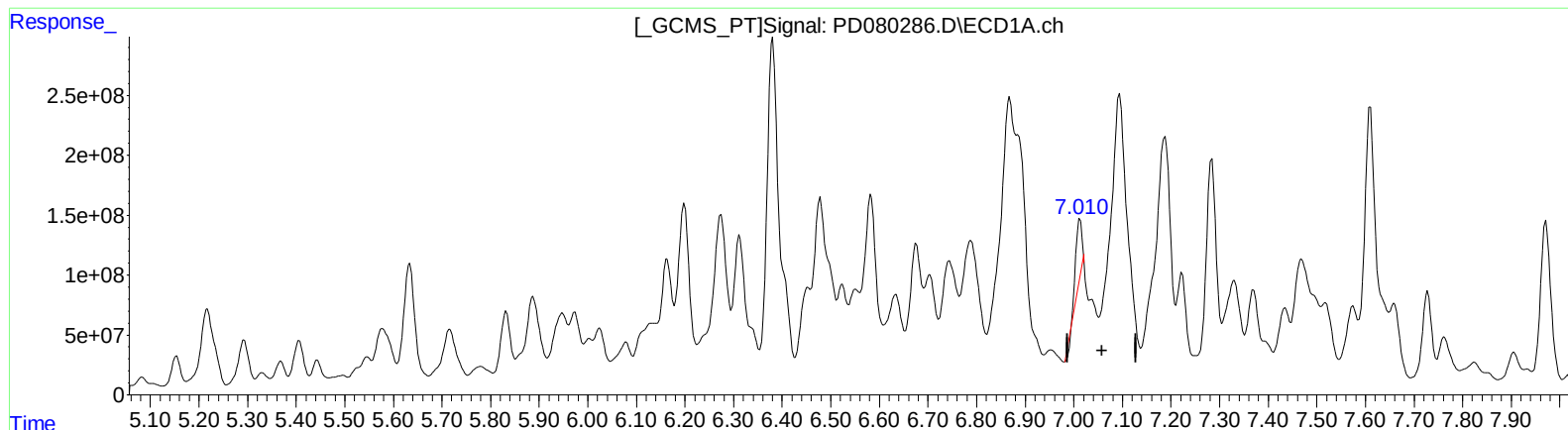
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



(17) 4,4'-DDT (MA)
7.013min 290.607 ng/ml
response 429447239

(17) 4,4'-DDT #2 (MA)
6.070min 373.974 ng/ml
response 901713951

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Instrument :

ECD_D

ClientSampleId :

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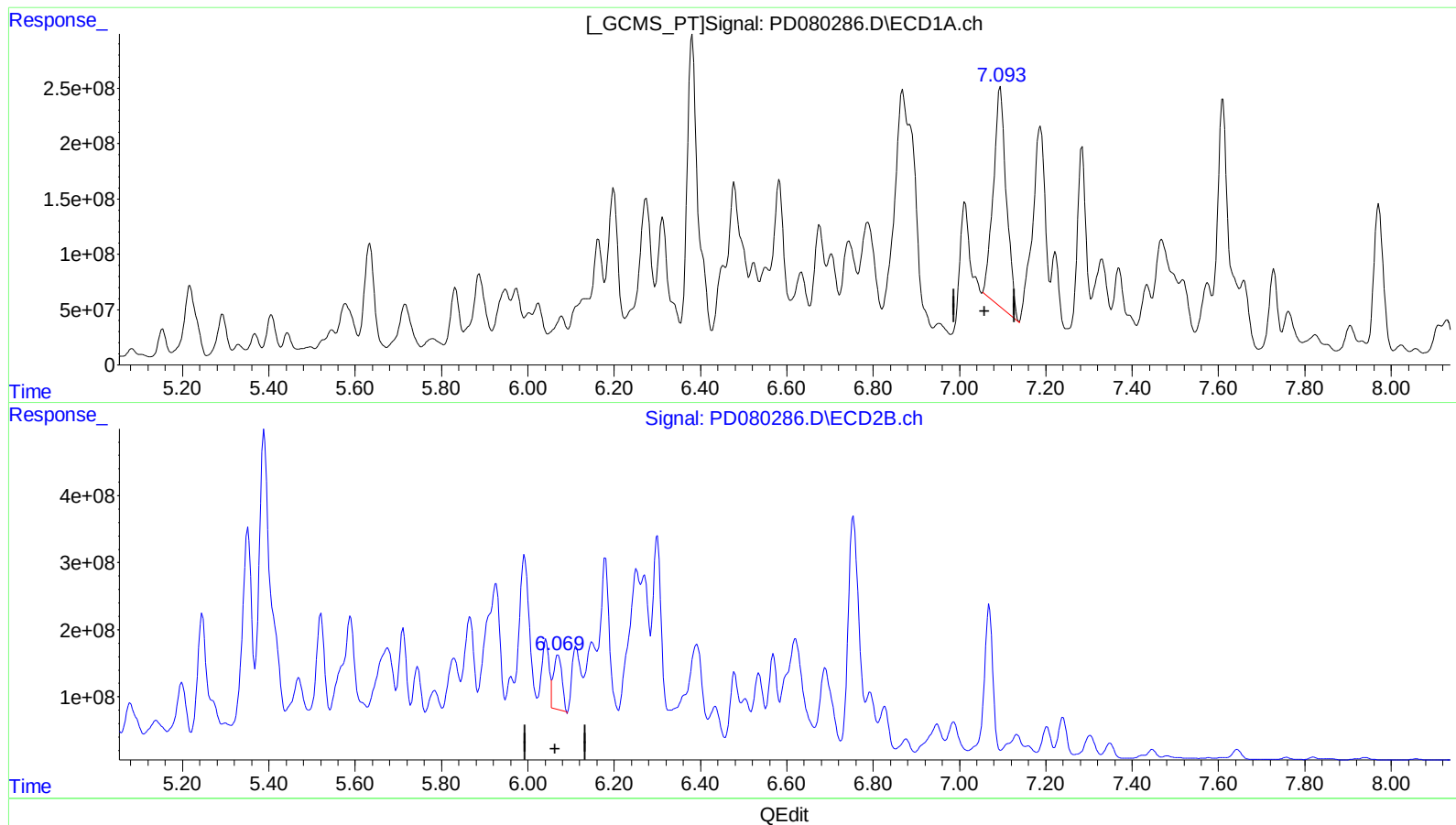
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



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

7.093min 2822.801 ng/ml m

response 4171419255

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

6.069min 469.466 ng/ml m

response 1131962930

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Sample : 05859-17
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ALS Vial : 40 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

BGRY7

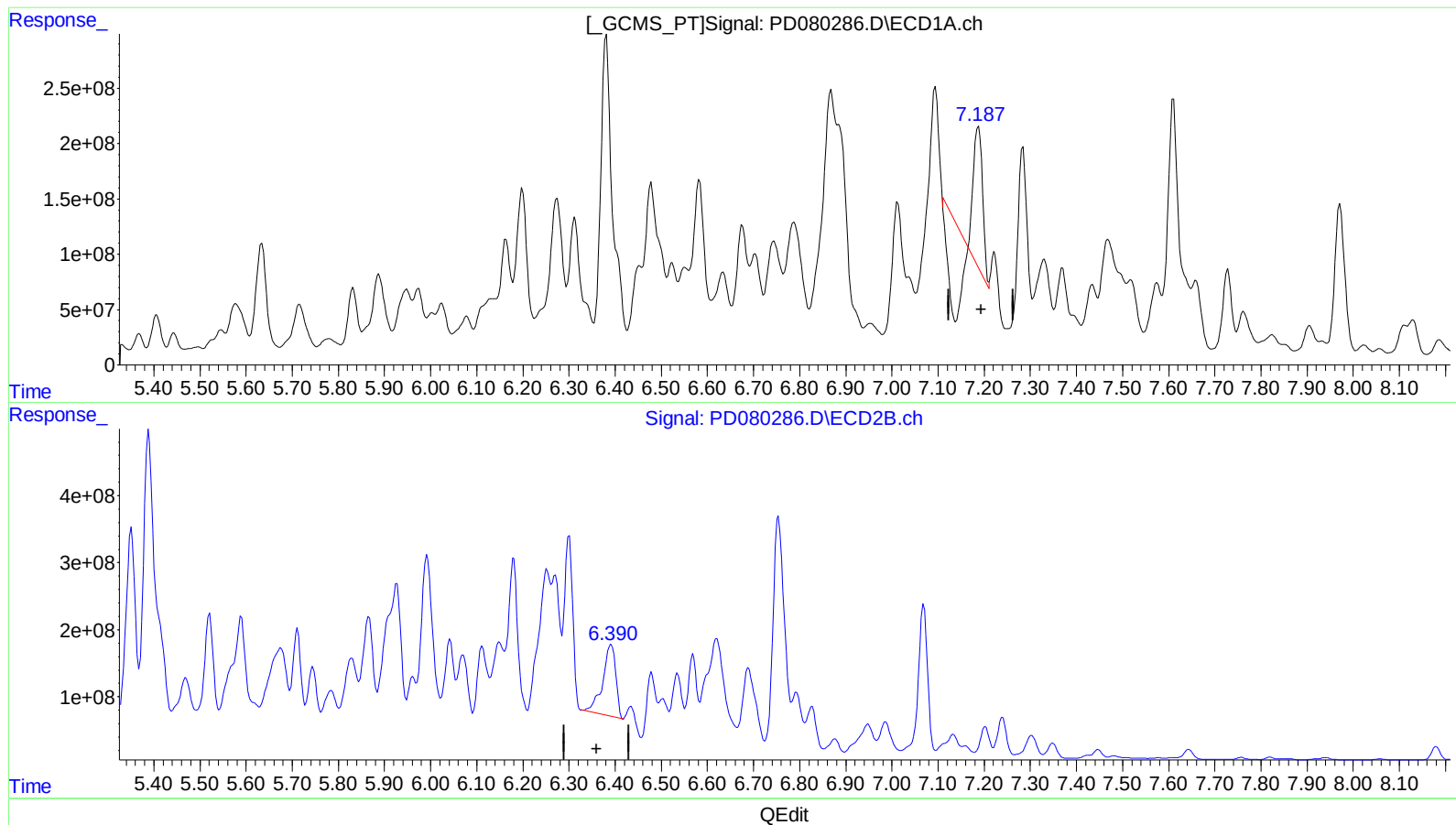
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



(19) Endosulfan Sulfate (B)

7.187min 314.200 ng/ml

response 576285792

(19) Endosulfan Sulfate #2 (B)

6.391min 747.947 ng/ml

response 2097900681

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ALS Vial : 40 Sample Multiplier: 1

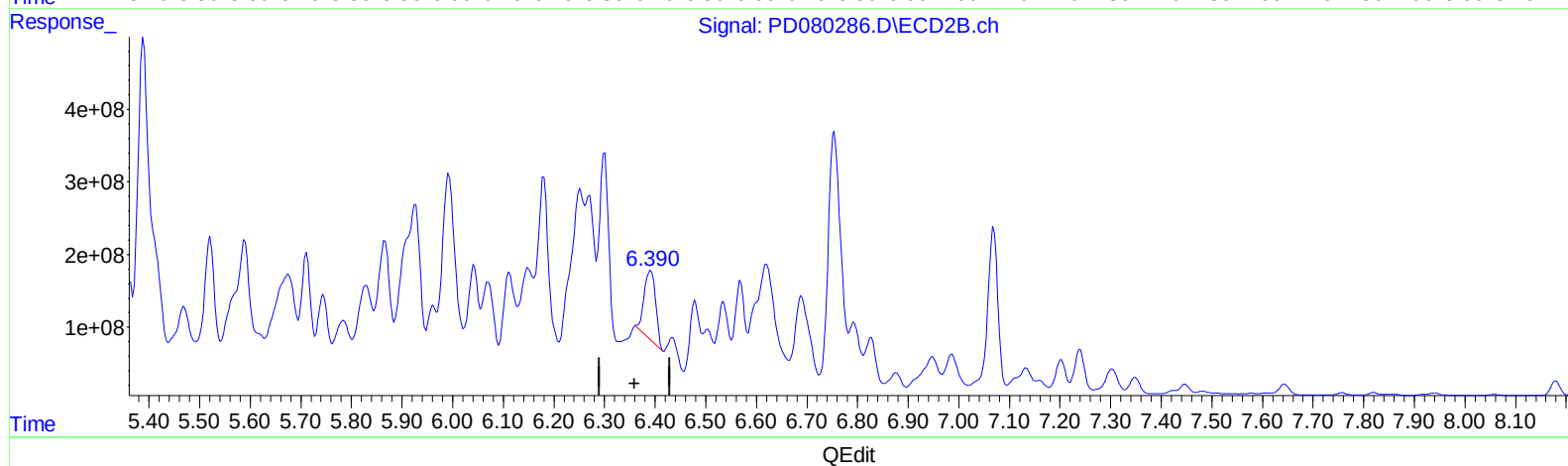
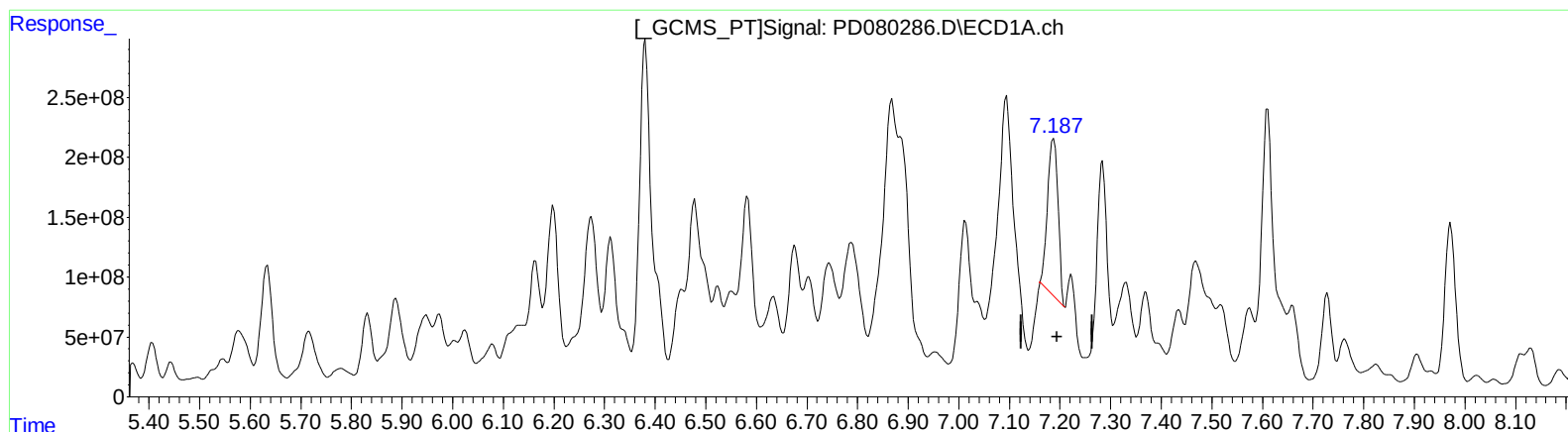
Instrument :
ECD_D
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BGRY7

Manual IntegrationsAPPROVED

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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



(19) Endosulfan Sulfate (B)

7.187min 1039.950 ng/ml m

response 1907411525

(19) Endosulfan Sulfate #2 (B)

6.390min 526.285 ng/ml m

response 1476165916

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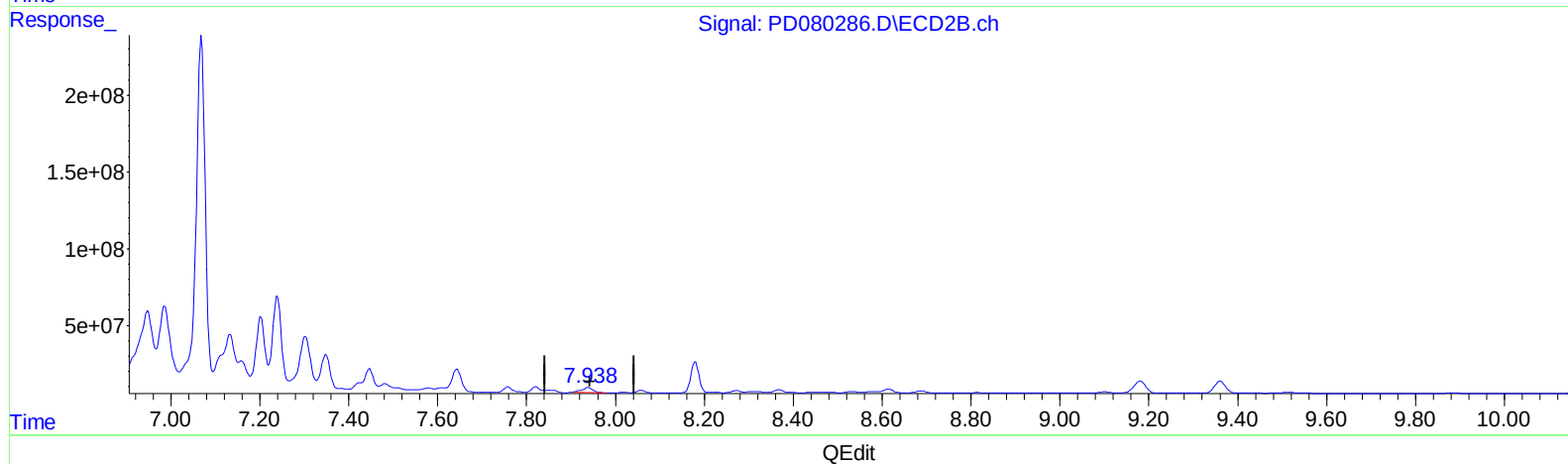
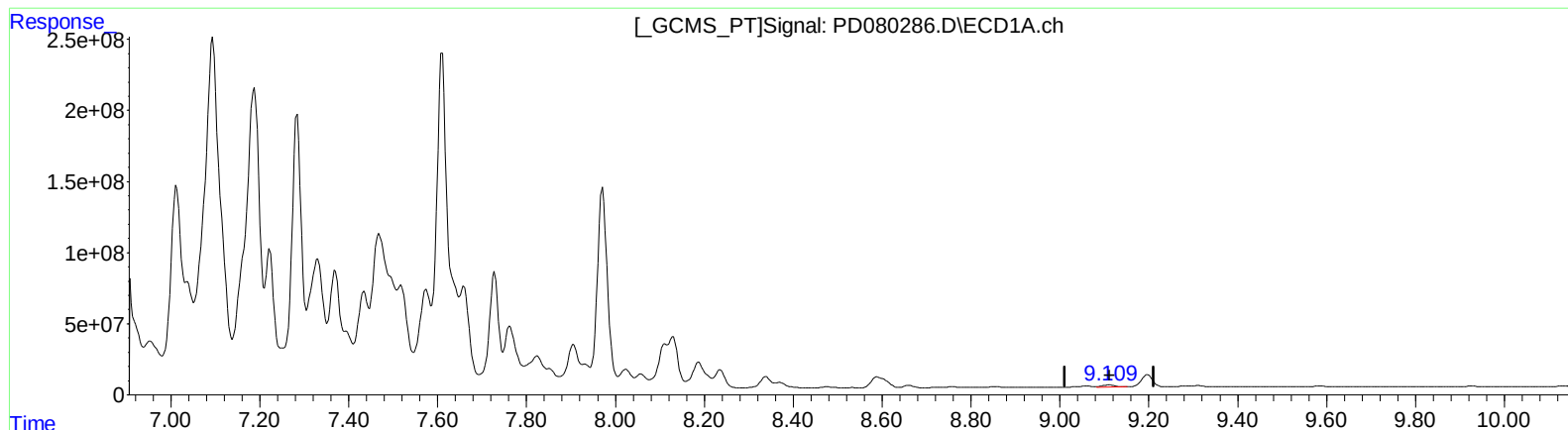
Instrument :
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



(27) Decachlorobiphenyl (SA)

9.111min 16.303 ng/ml

response 26210925

(27) Decachlorobiphenyl #2 (SA)

7.940min 22.318 ng/ml

response 53569441

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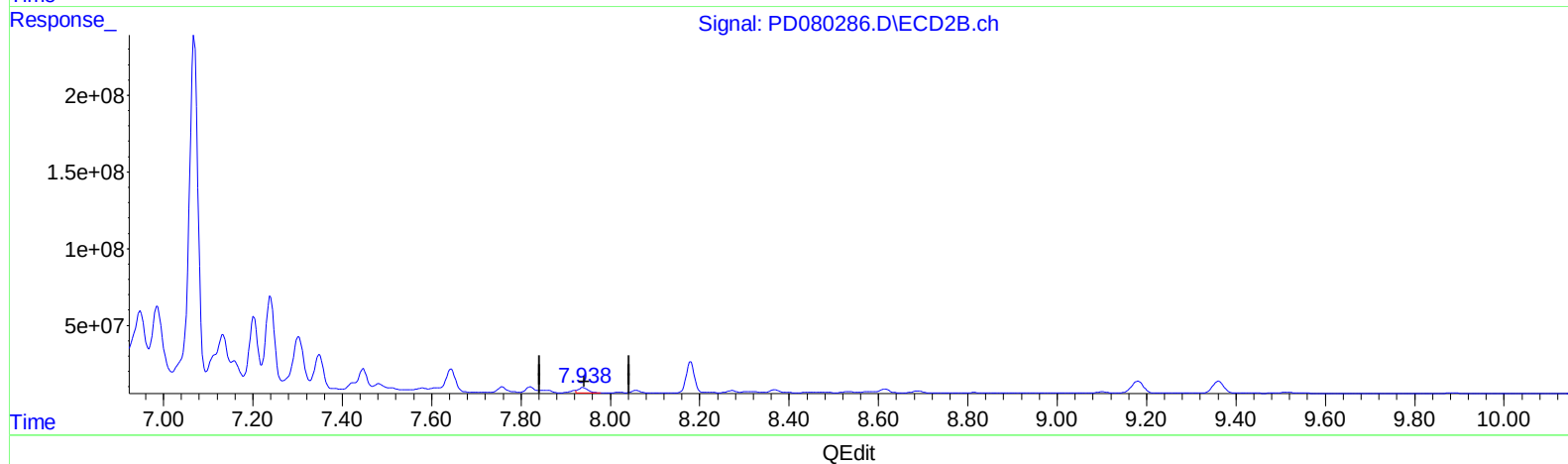
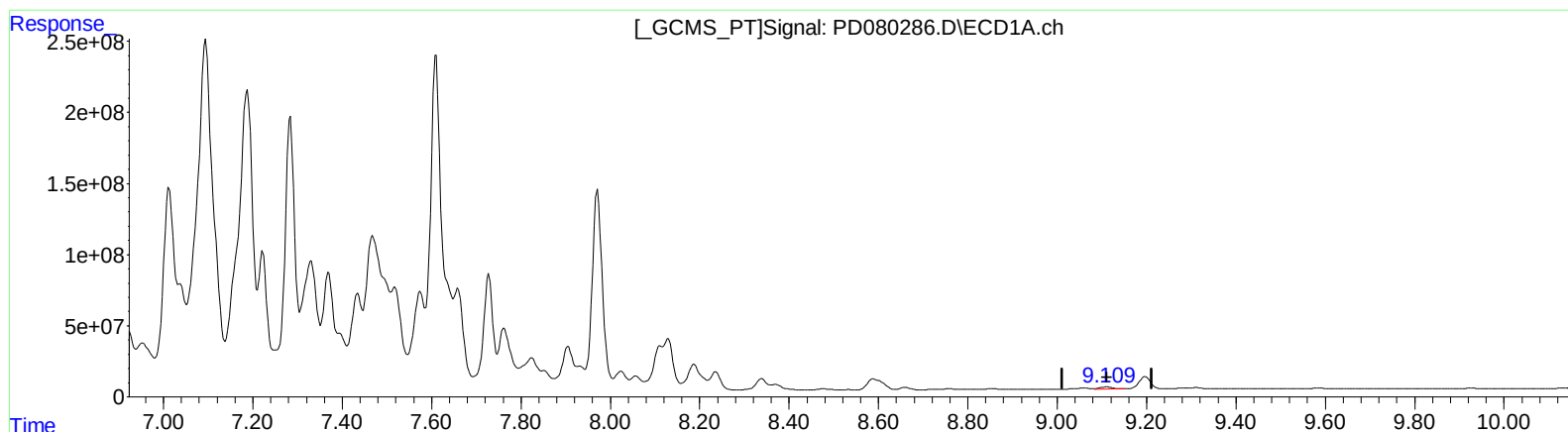
Instrument :
ECD_D
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(27) Decachlorobiphenyl (SA)

9.111min 16.303 ng/ml

response 26210925

(27) Decachlorobiphenyl #2 (SA)

7.938min 20.824 ng/ml m

response 49981679

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.566	2.799	20646009	39736531	16.170	17.871
27) SA Decachlor...	9.111	7.938	26210925	49981679	16.303	20.824m#
Target Compounds						
3) MA gamma-BHC...	4.362	3.624	23381129	60457307	11.774m	18.781 #
4) MA Heptachlor	4.947	3.972	112.2E6	133.8E6	53.725	41.773
5) MB Aldrin	5.292	4.254	477.8E6	570.7E6	213.617m	161.522m
8) B Heptachlo...	5.715	4.748	738.2E6	1325.1E6	343.658m	391.004m
10) B trans-Chl...	5.972	5.006	445.2E6	1448.0E6	216.920m	439.898m#
12) B 4,4'-DDE	6.197	5.244	1189.0E6	2393.4E6	615.517m	761.977m
13) MA Dieldrin	6.379	5.388	3563.5E6	6148.4E6	1914.738m	2051.528m
16) A 4,4'-DDD	6.743	5.828	738.6E6	1207.9E6	532.515m	525.358m
17) MA 4,4'-DDT	7.093f	6.069	4171.4E6	1132.0E6	2822.801m	469.466m#
19) B Endosulfa...	7.187	6.390	1907.4E6	1476.2E6	1039.950m	526.285m#

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

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Client Sampled :

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