

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
Data File : PD061377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2021 04:35
Operator : DD\AJ
Sample : M1412-23MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

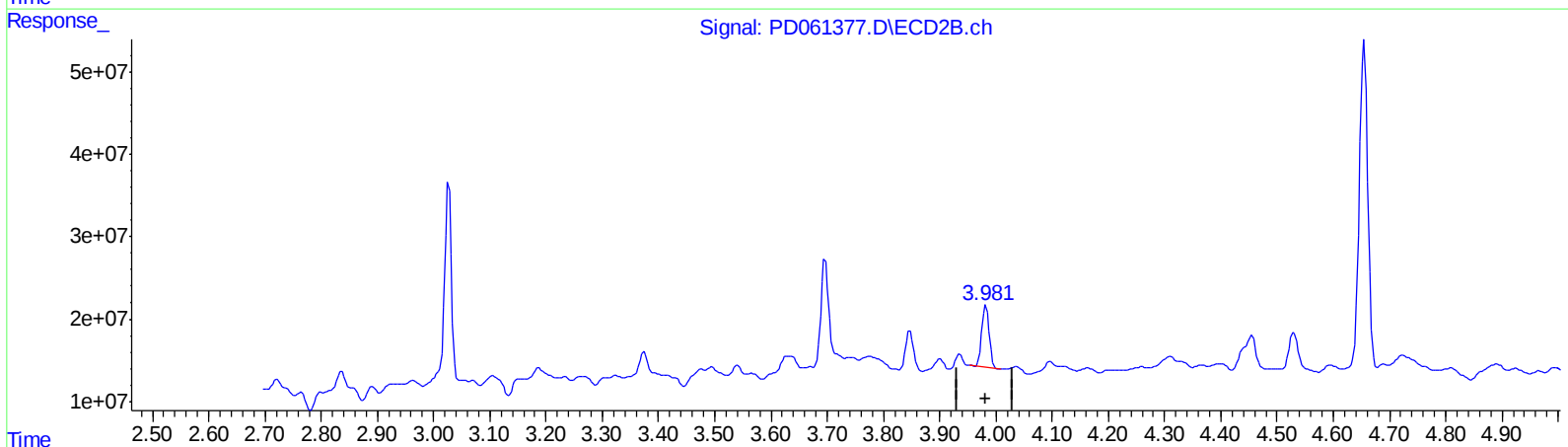
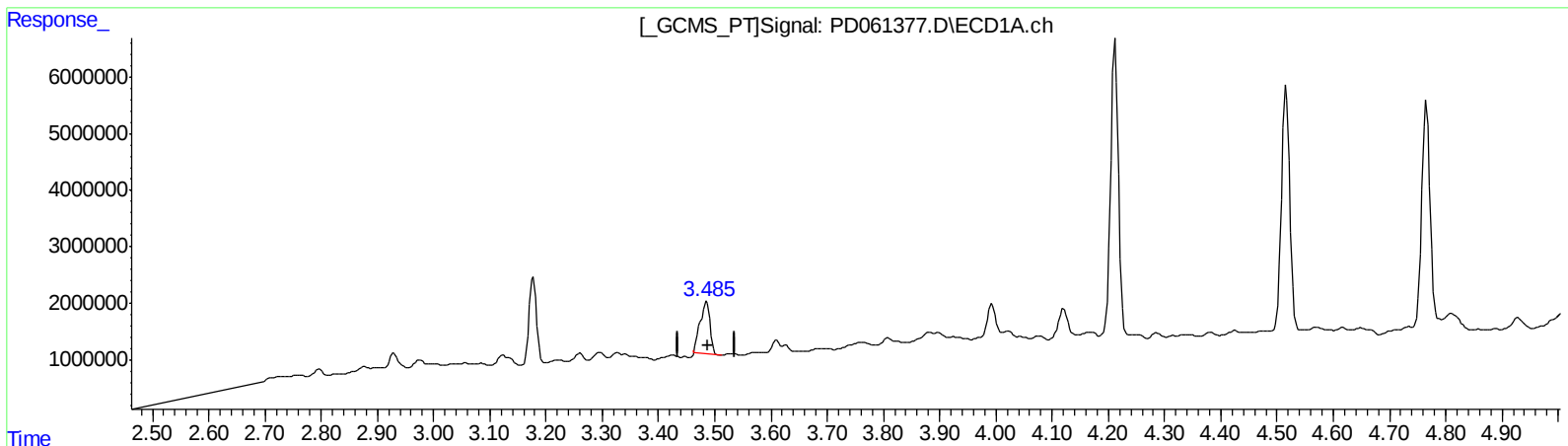
Instrument :
ECD_D
ClientSampleId :
DBGZ8MSD

Manual Integrations
APPROVED

Ankita
2/23/2021 8:55:21 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:11:04 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022121CLP.M
Quant Title : GC Extractables
QLast Update : Mon Feb 22 04:35:05 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



QEdit

(1) Tetrachloro-m-xylene (SA)

3.486min 12.210 ng/ml

response 11243419

(1) Tetrachloro-m-xylene #2 (SA)

3.982min 8.019 ng/ml

response 67057133

(+) = Expected Retention Time

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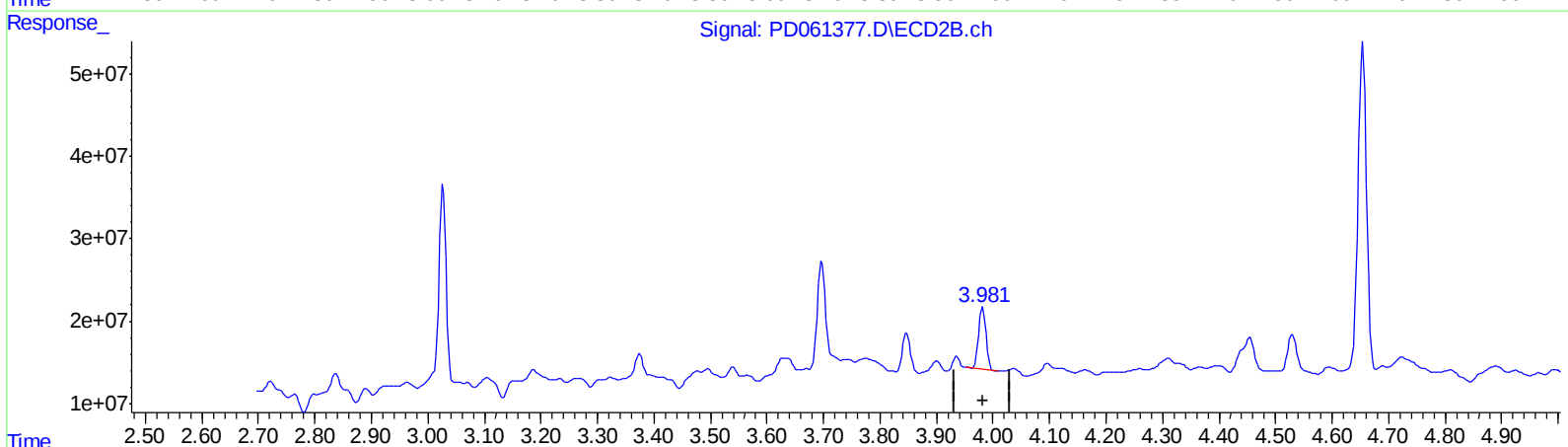
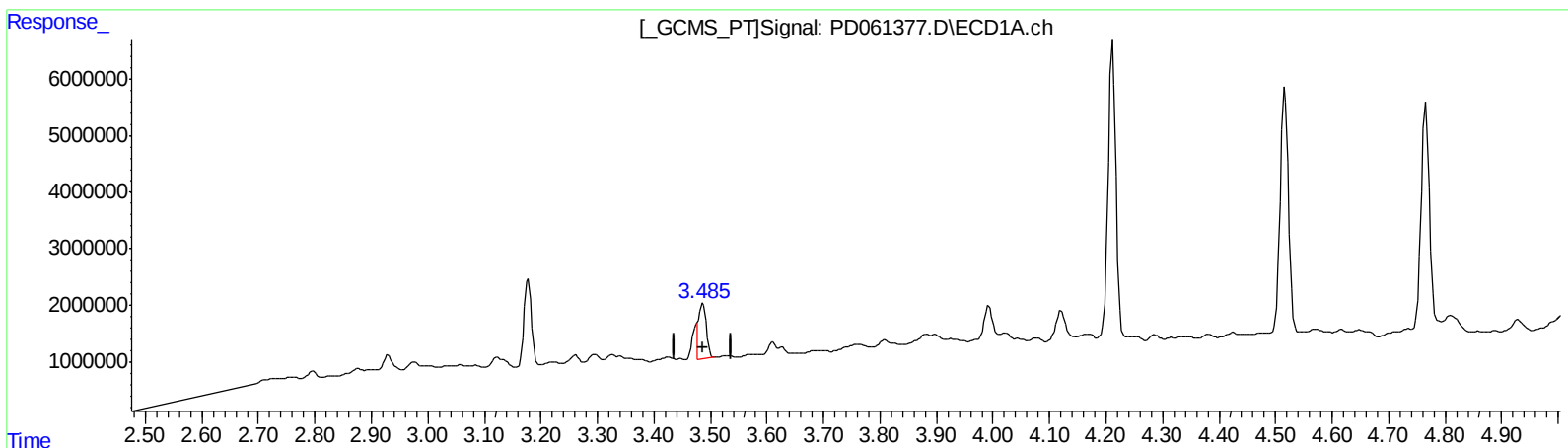
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QEdit

(1) Tetrachloro-m-xylene (SA)

3.485min 10.160 ng/ml m

response 9355391

(1) Tetrachloro-m-xylene #2 (SA)

3.982min 8.019 ng/ml

response 67057133

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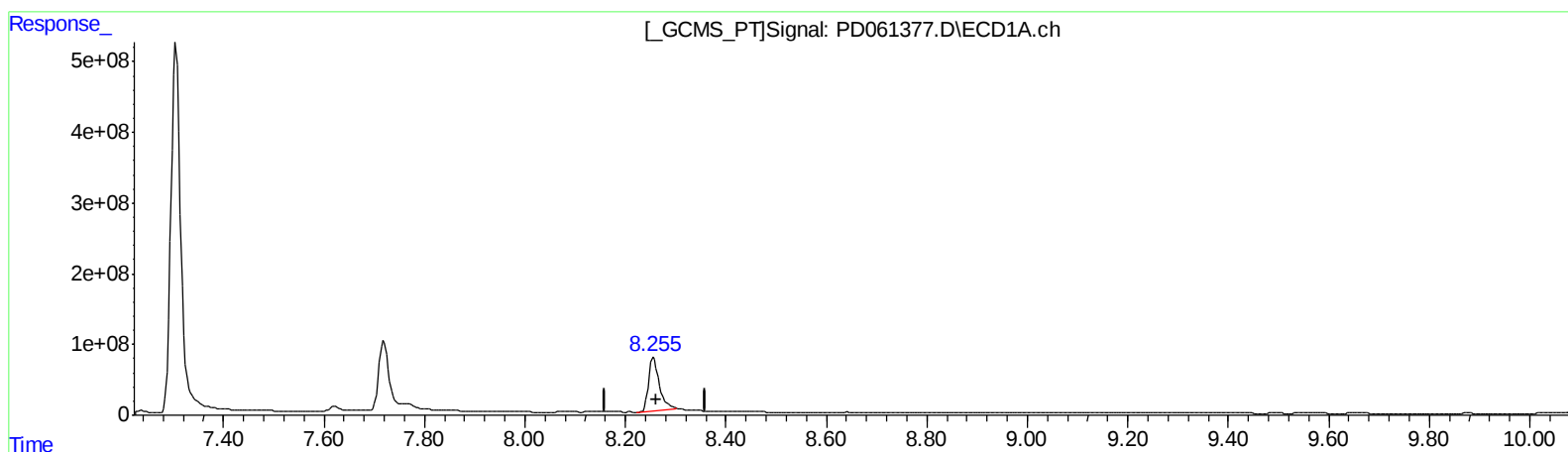
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(27) Decachlorobiphenyl (SA)

8.256min 885.791 ng/ml

response 1089818468

(27) Decachlorobiphenyl #2 (SA)

9.038min 6.806 ng/ml

response 48914062

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Sample : M1412-23MSD
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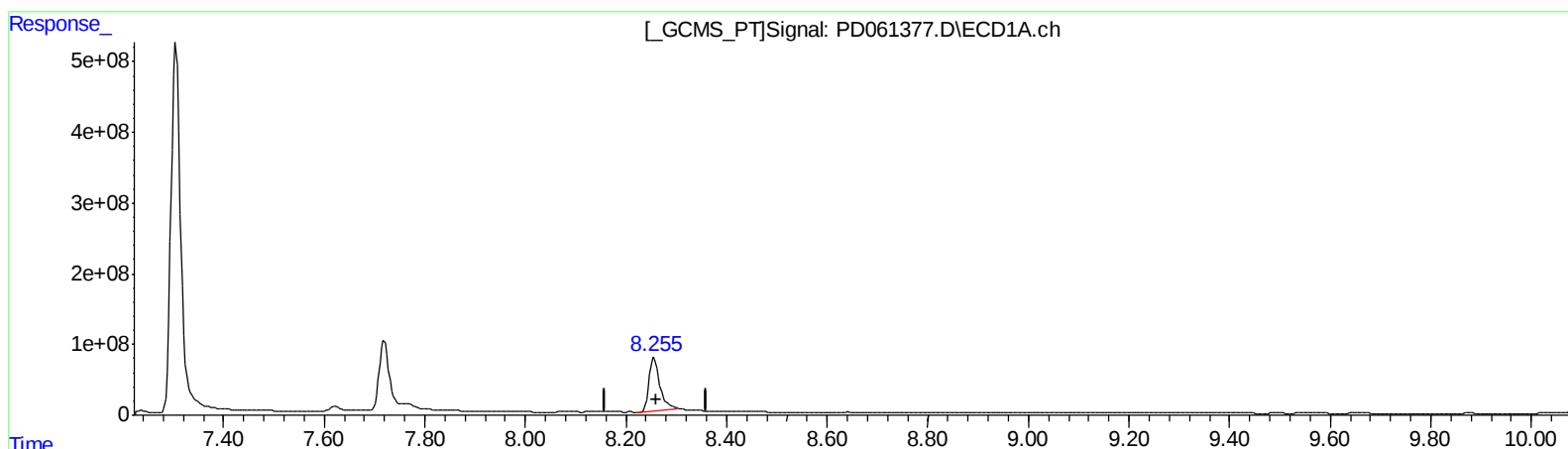
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(27) Decachlorobiphenyl (SA)

8.256min 885.791 ng/ml

response 1089818468

(27) Decachlorobiphenyl #2 (SA)

9.037min 9.681 ng/ml m

response 69581579

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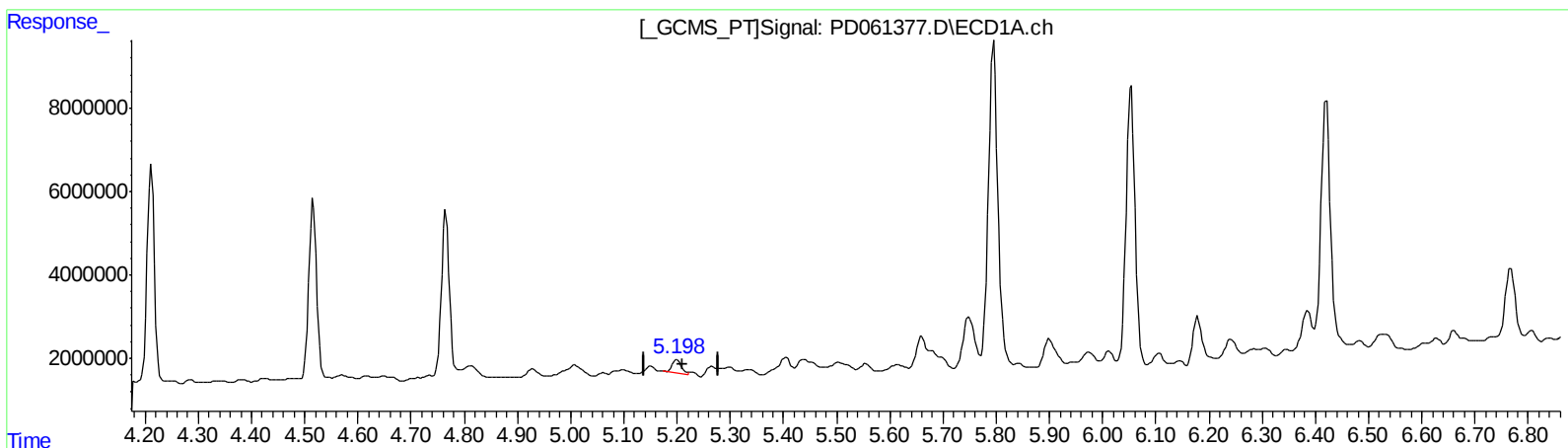
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(8) Heptachlor epoxide (B)

5.200min 3.270 ng/ml

response 3911153

(8) Heptachlor epoxide #2 (B)

5.847min 4.638 ng/ml

response 46034792

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Operator : DD\AJ
Sample : M1412-23MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

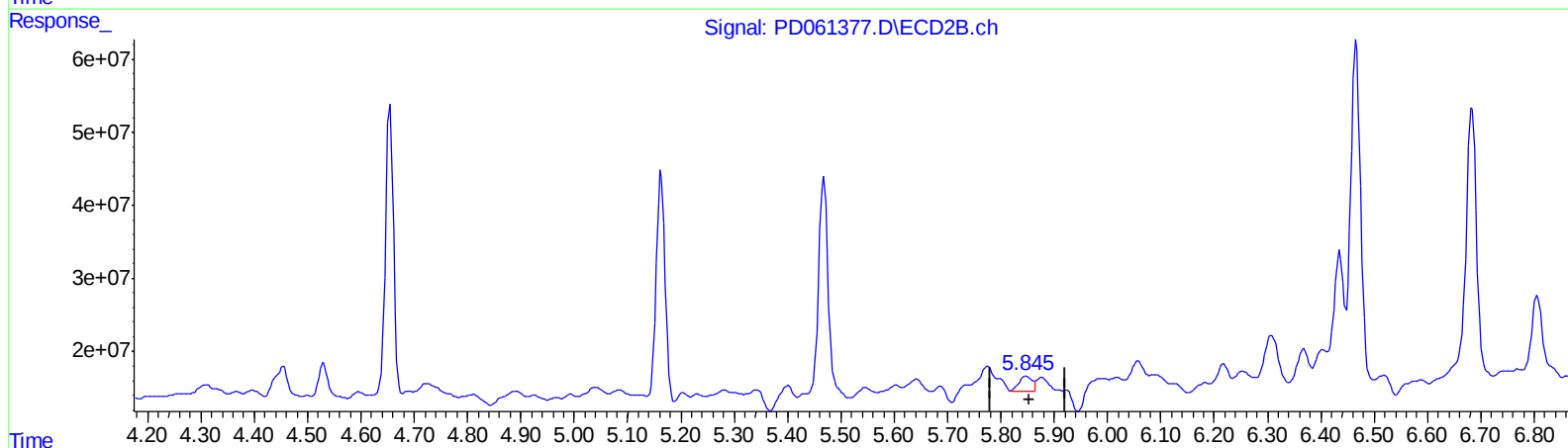
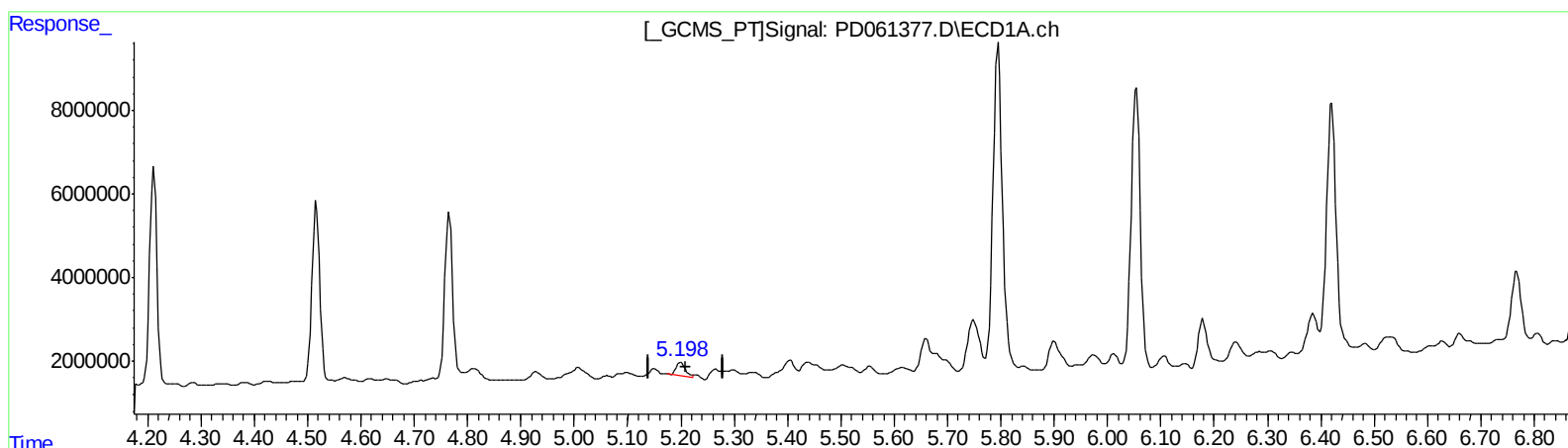
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ECD_D
ClientSampleId :
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QEdit

(8) Heptachlor epoxide (B)

5.200min 3.270 ng/ml

response 3911153

(8) Heptachlor epoxide #2 (B)

5.845min 4.031 ng/ml m

response 40014016

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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Misc :
ALS Vial : 54 Sample Multiplier: 1

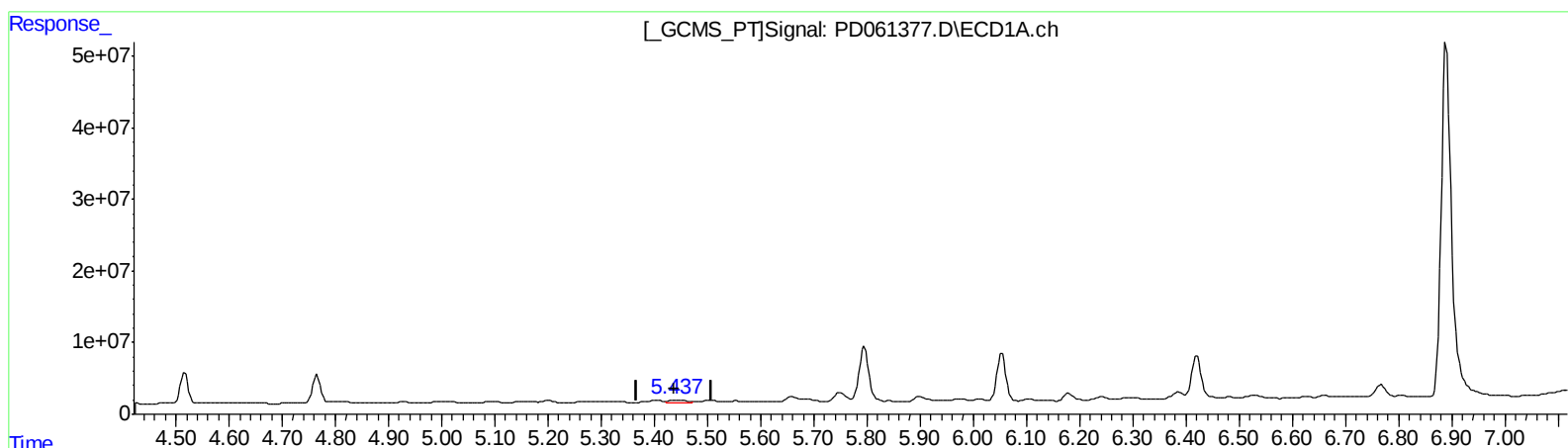
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(10) trans-Chlordane (B)

5.438min 6.141 ng/ml

response 7662344

(10) trans-Chlordane #2 (B)

6.091min 0.841 ng/ml

response 8395015

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ALS Vial : 54 Sample Multiplier: 1

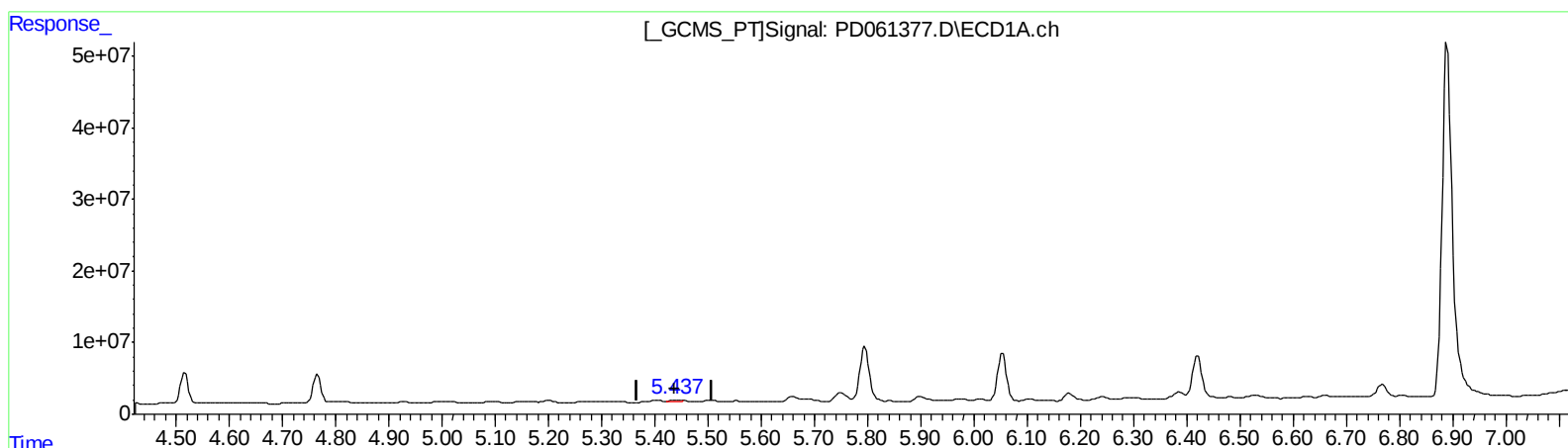
Instrument :
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ClientSampleId :
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(10) trans-Chlordane (B)

5.437min 3.606 ng/ml m

response 4499034

(10) trans-Chlordane #2 (B)

6.091min 1.915 ng/ml m

response 19116581

(+) = Expected Retention Time

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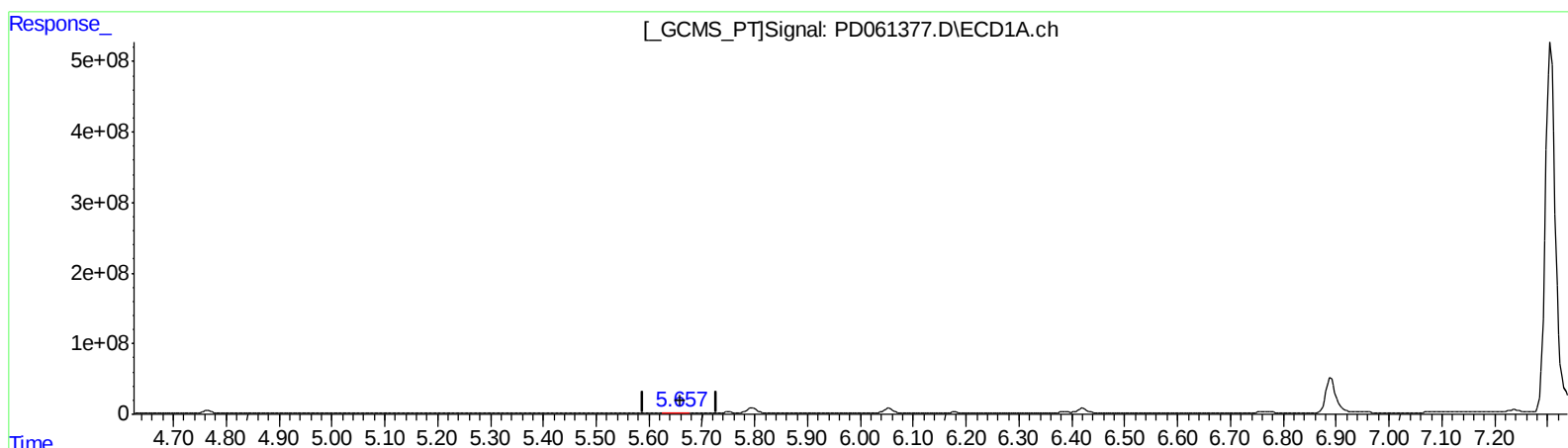
Instrument :
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(12) 4,4'-DDE (B)
5.660min 2.657 ng/ml
response 3086123

(12) 4,4'-DDE #2 (B)
6.307min 10.201 ng/ml
response 97283614

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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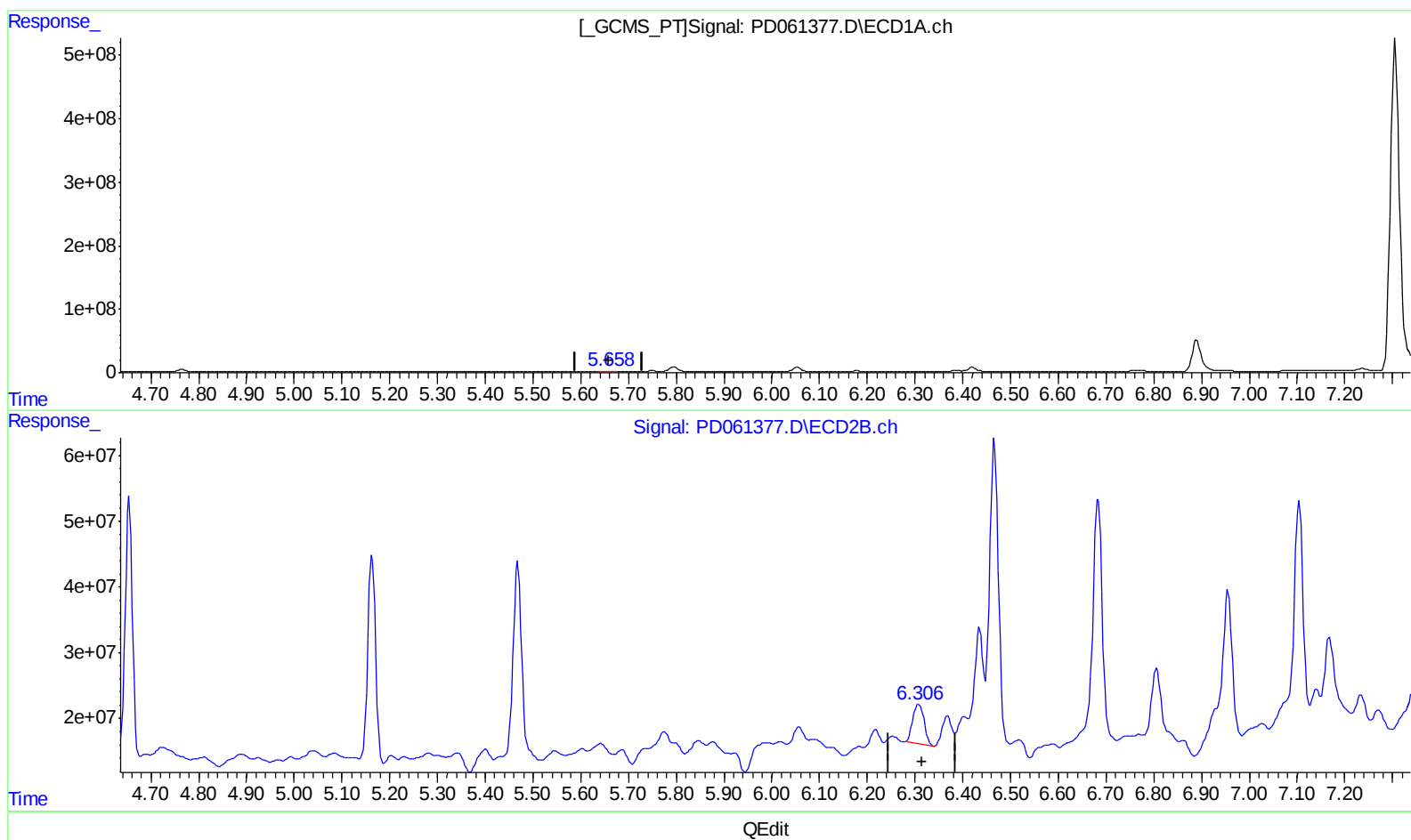
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(12) 4,4'-DDE (B)
5.658min 8.474 ng/ml m
response 9844494

(12) 4,4'-DDE #2 (B)
6.307min 10.201 ng/ml
response 97283614

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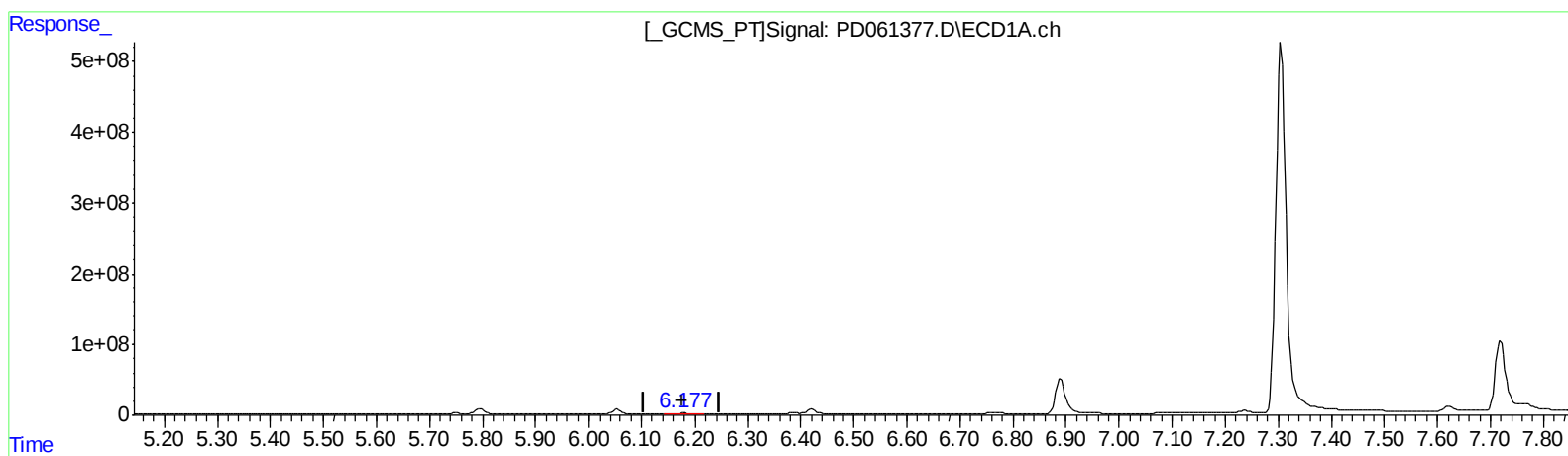
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(16) 4,4'-DDD (A)
6.179min 10.714 ng/ml
response 10877022

(16) 4,4'-DDD #2 (A)
6.806min 24.714 ng/ml
response 189376300

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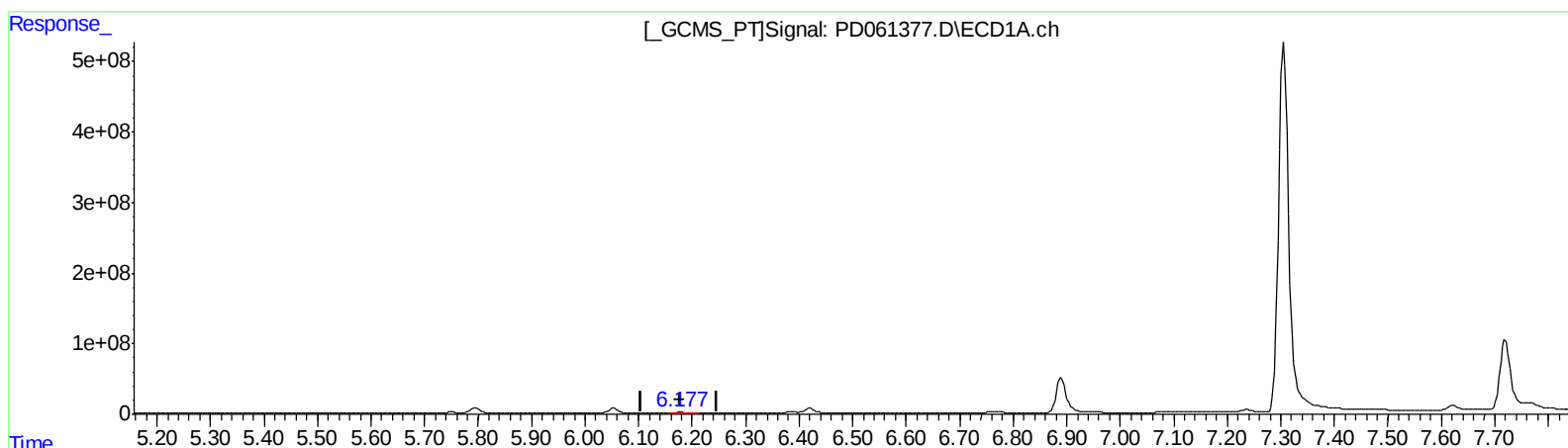
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(16) 4,4'-DDD (A)
6.177min 13.115 ng/ml m
response 13314466

(16) 4,4'-DDD #2 (A)
6.805min 18.443 ng/ml m
response 141323785

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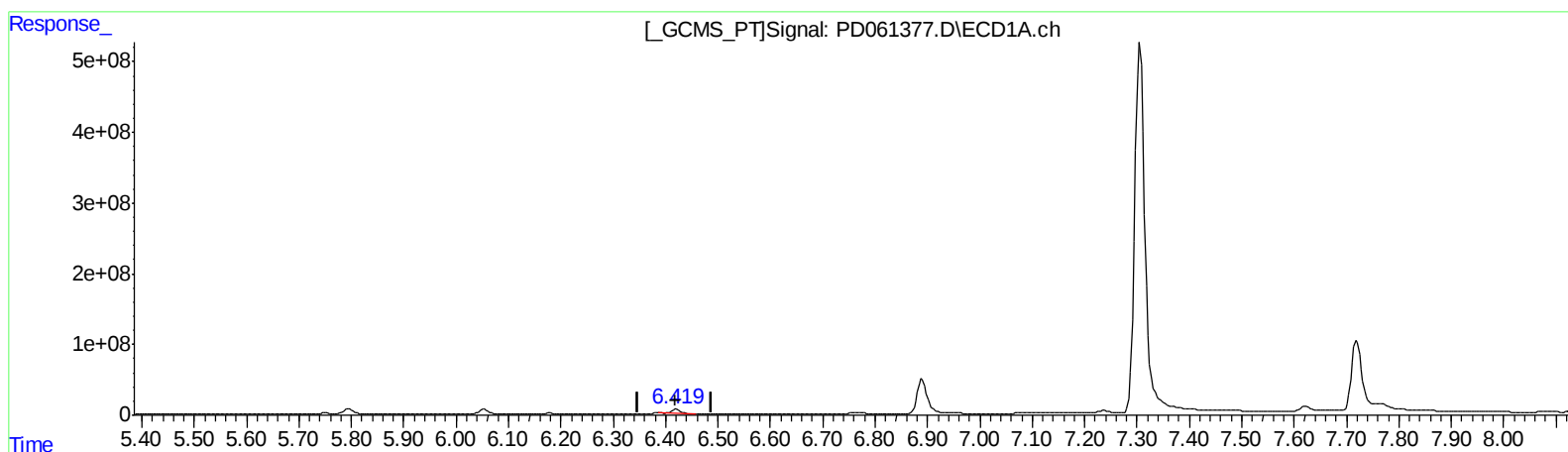
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(17) 4,4'-DDT (MA)

6.421min 58.853 ng/ml

response 59211071

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

7.105min 56.994 ng/ml

response 424841679

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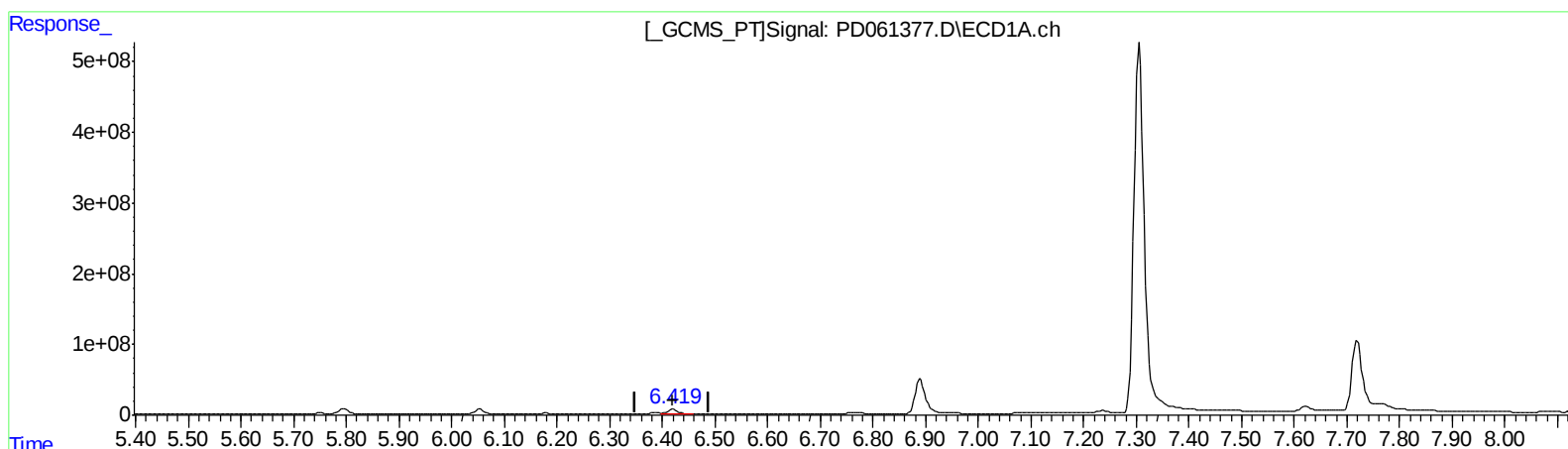
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(17) 4,4'-DDT (MA)

6.419min 71.586 ng/ml m

response 72021766

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

7.103min 50.134 ng/ml m

response 373708147

Quantitation Report (QT Reviewed)

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Instrument :
 ECD_D
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Manual Integrations
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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.485	3.982	9355391	67057133	10.160m	8.019
27) SA Decachlor...	8.256	9.037	1089.8E6	69581579	885.791	9.681m#
Target Compounds						
3) MA gamma-BHC...	4.212	4.655	48934736	419.9E6	38.038	35.942
4) MA Heptachlor	4.516	5.163	43575230	355.3E6	33.016	30.078
5) MB Aldrin	4.766	5.468	38884588	374.4E6	31.608	34.328
8) B Heptachlo...	5.200	5.845	3911153	40014016	3.270	4.031m
9) A Endosulfan I	5.555	6.218	2496344	28584819	2.116	3.095 #
10) B trans-Chl...	5.437	6.091	4499034	19116581	3.606m	1.915m#
12) B 4,4'-DDE	5.658	6.307	9844494	97283614	8.474m	10.201
13) MA Dieldrin	5.795	6.466	83373719	599.1E6	65.274	60.963
14) MA Endrin	6.054	6.684	76698783	494.3E6	72.261	64.037
16) A 4,4'-DDD	6.177	6.805	13314466	141.3E6	13.115m	18.443m#
17) MA 4,4'-DDT	6.419	7.103	72021766	373.7E6	71.586m	50.134m#

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