

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
Data File : PD061376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2021 04:07
Operator : DD\AJ
Sample : M1412-22MS
Misc :
ALS Vial : 53 Sample Multiplier: 1

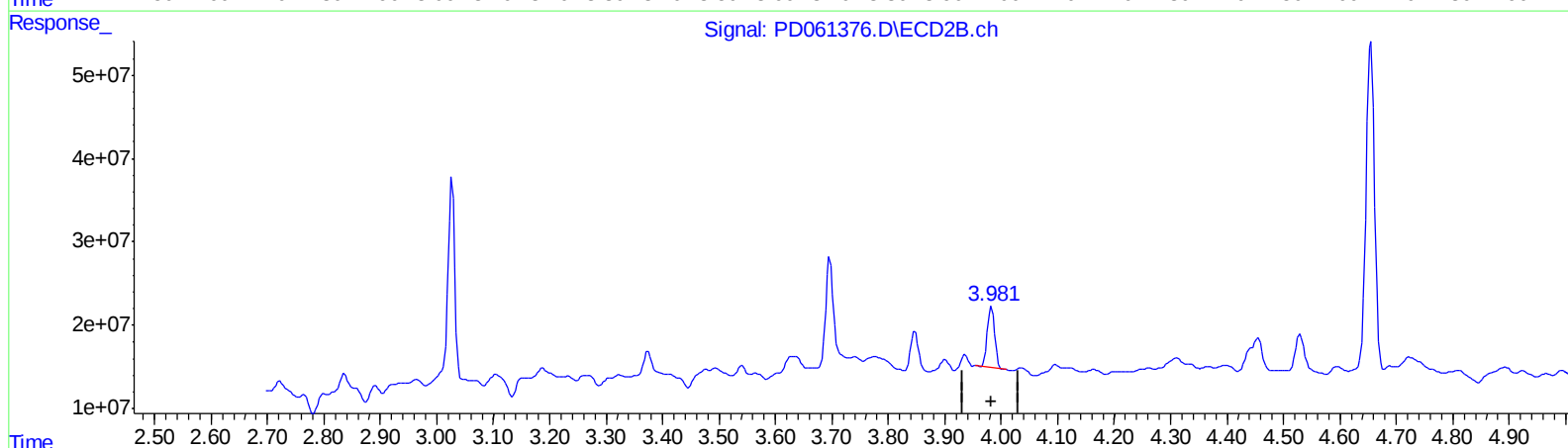
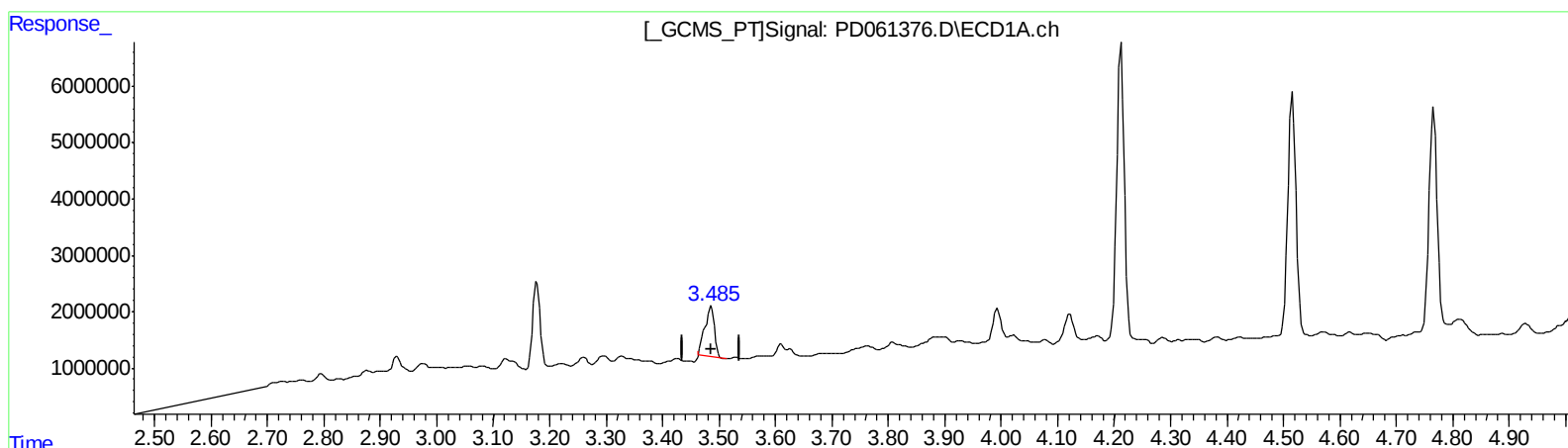
Instrument :
ECD_D
ClientSampleId :
DBGZ8MS

Manual Integrations
APPROVED

Ankita
2/23/2021 8:55:18 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:10:32 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)

3.487min 11.455 ng/ml

response 10547996

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

3.983min 7.969 ng/ml

response 66639136

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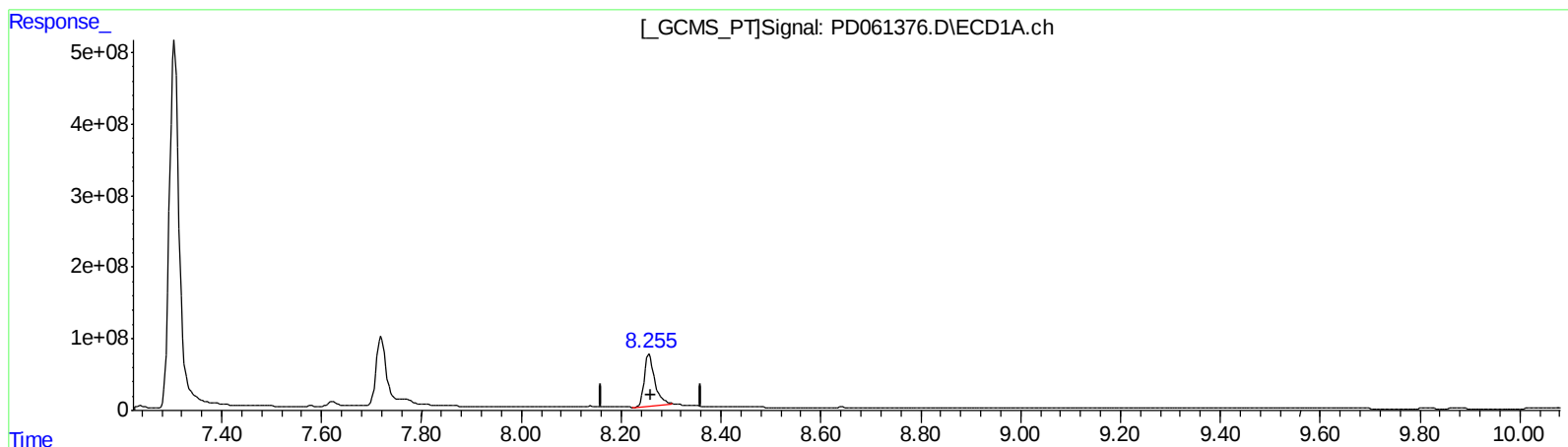
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(27) Decachlorobiphenyl (SA)

8.256min 843.434 ng/ml

response 1037705104

(27) Decachlorobiphenyl #2 (SA)

9.038min 7.707 ng/ml

response 55393196

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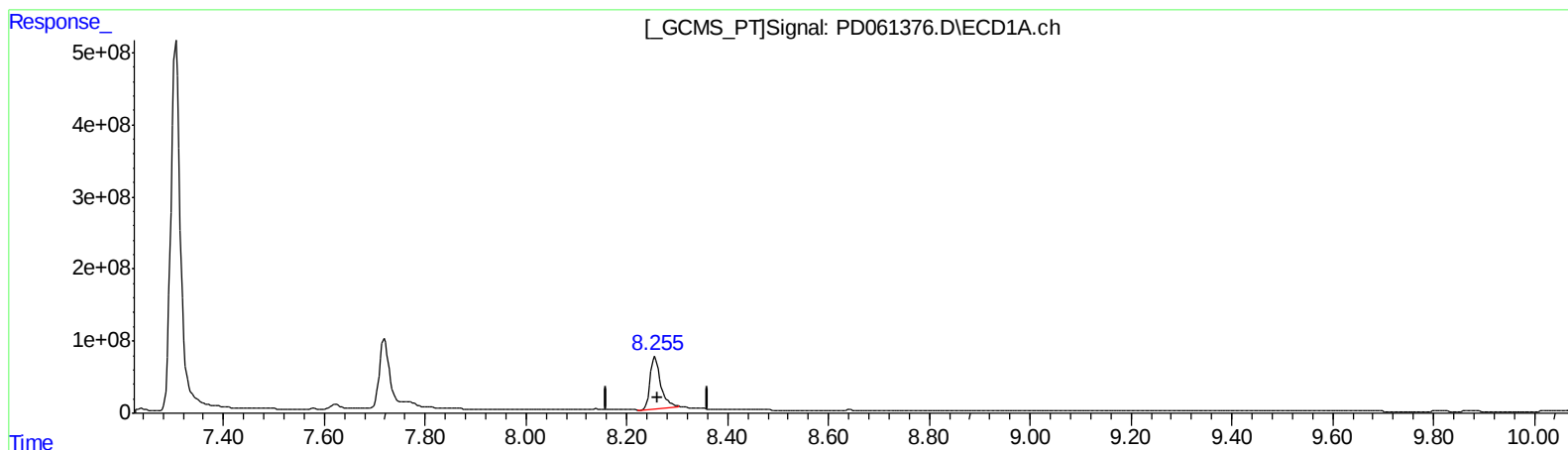
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(27) Decachlorobiphenyl (SA)

8.256min 843.434 ng/ml

response 1037705104

(27) Decachlorobiphenyl #2 (SA)

9.038min 10.175 ng/ml m

response 73131008

QEdit

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Sample : M1412-22MS
Misc :
ALS Vial : 53 Sample Multiplier: 1

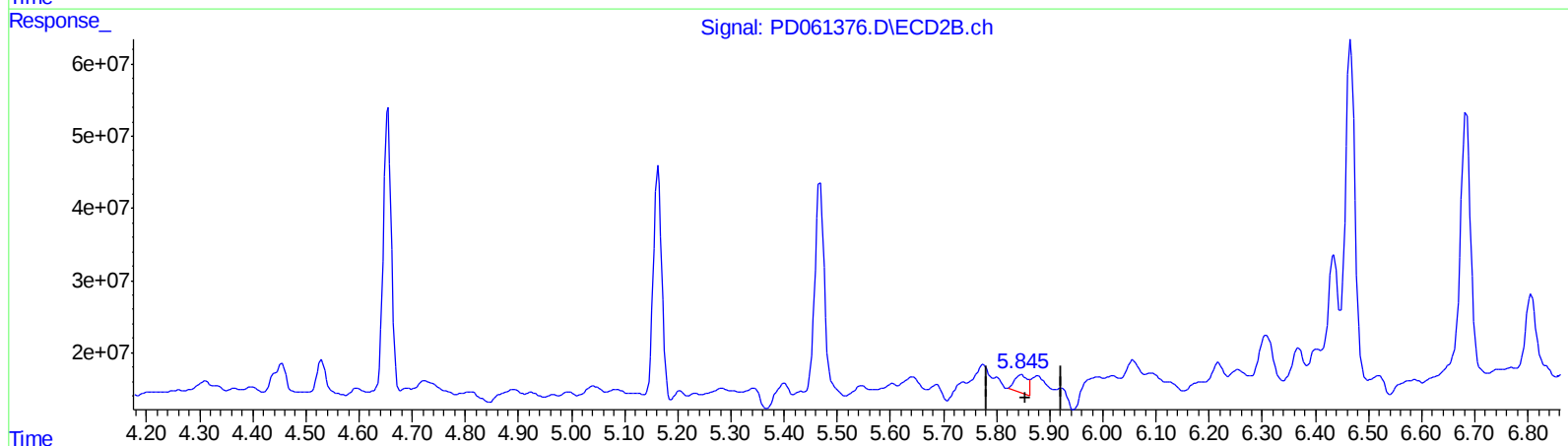
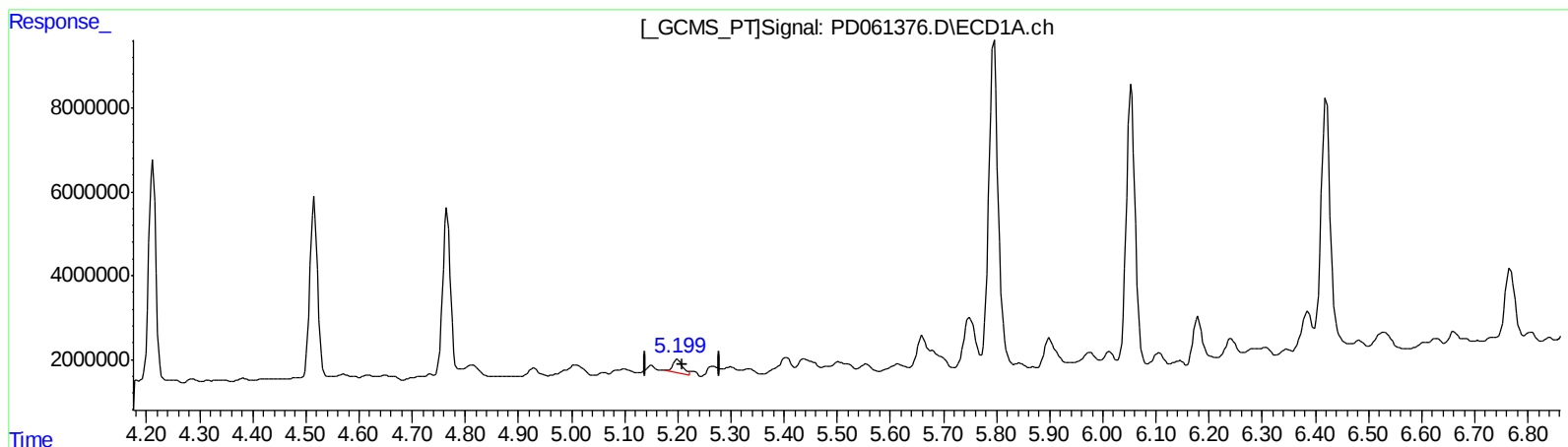
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QEdit

(8) Heptachlor epoxide (B)

5.200min 3.326 ng/ml

response 3978260

(8) Heptachlor epoxide #2 (B)

5.846min 4.349 ng/ml

response 43170302

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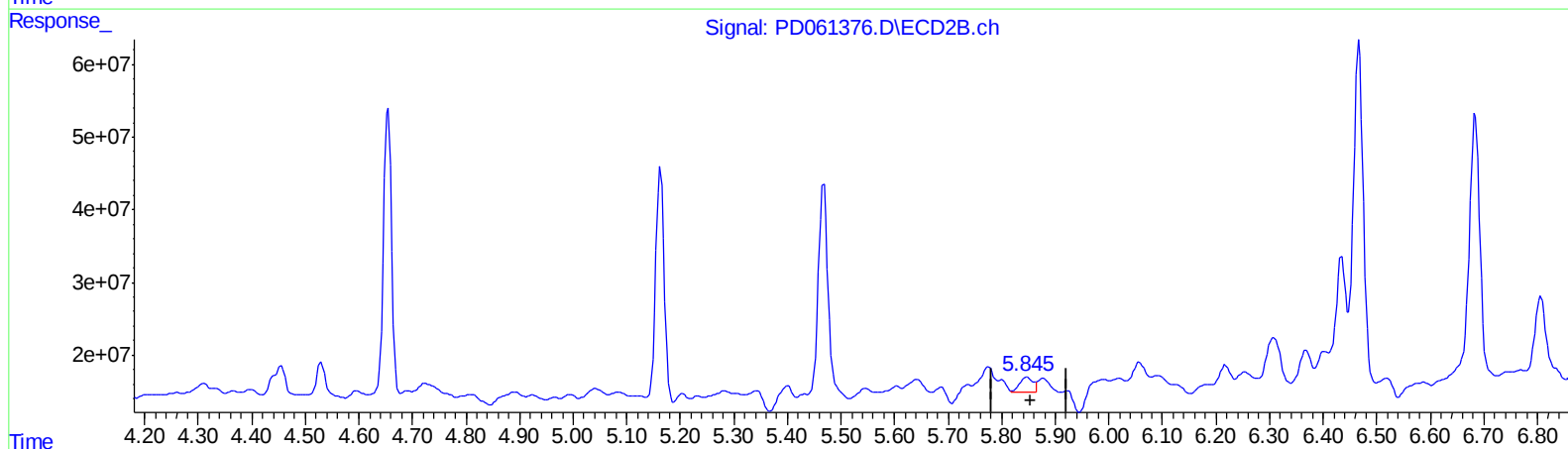
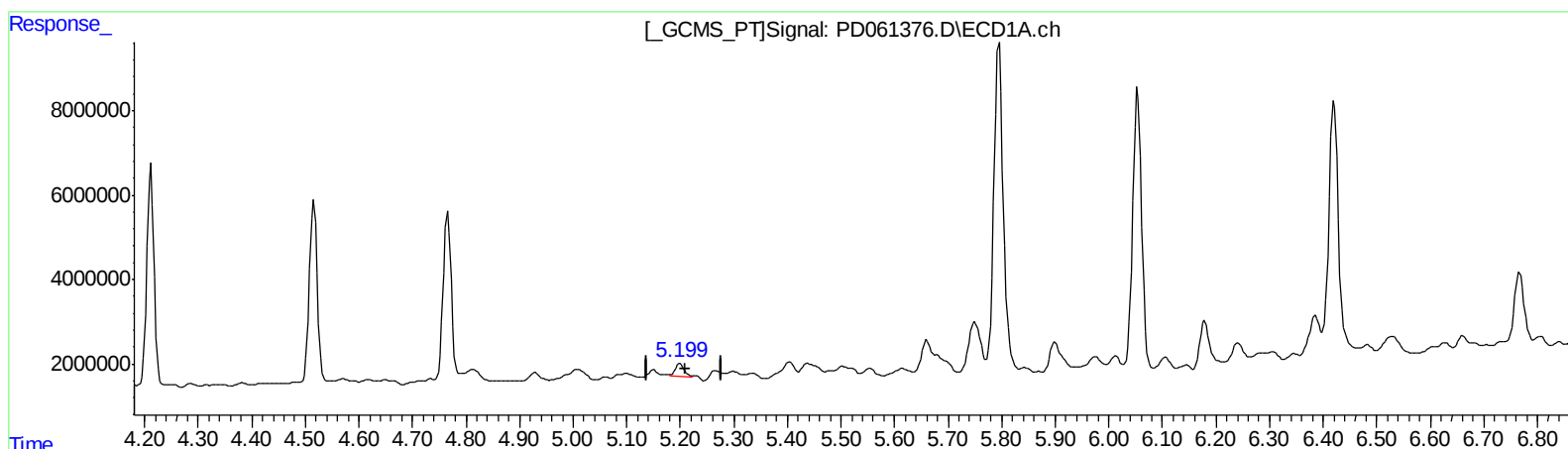
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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QEdit

(8) Heptachlor epoxide (B)

5.199min 2.690 ng/ml m

response 3217381

(8) Heptachlor epoxide #2 (B)

5.845min 3.567 ng/ml m

response 35409174

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Operator : DD\AJ
Sample : M1412-22MS
Misc :
ALS Vial : 53 Sample Multiplier: 1

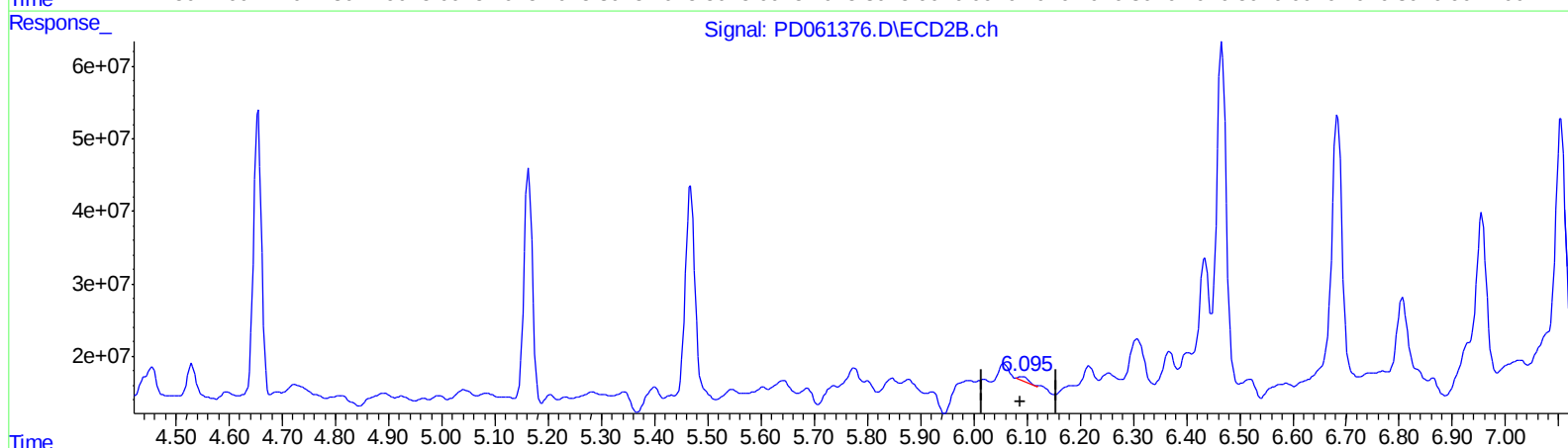
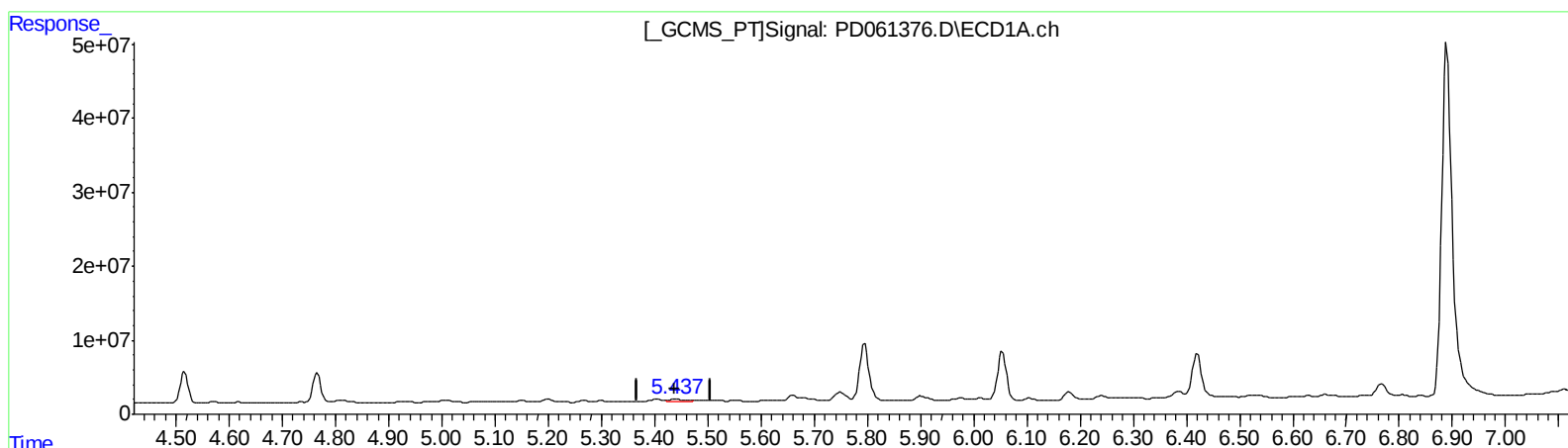
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ClientSampleId :
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(10) trans-Chlordane (B)

5.438min 6.149 ng/ml

response 7671503

(10) trans-Chlordane #2 (B)

6.091min 0.859 ng/ml

response 8572802

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Misc :
ALS Vial : 53 Sample Multiplier: 1

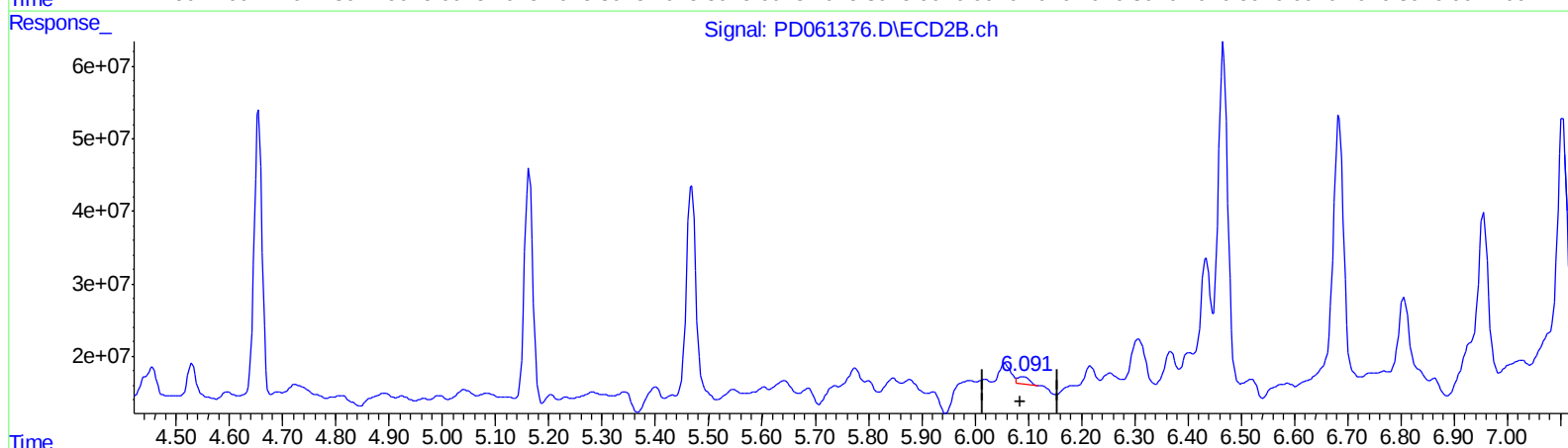
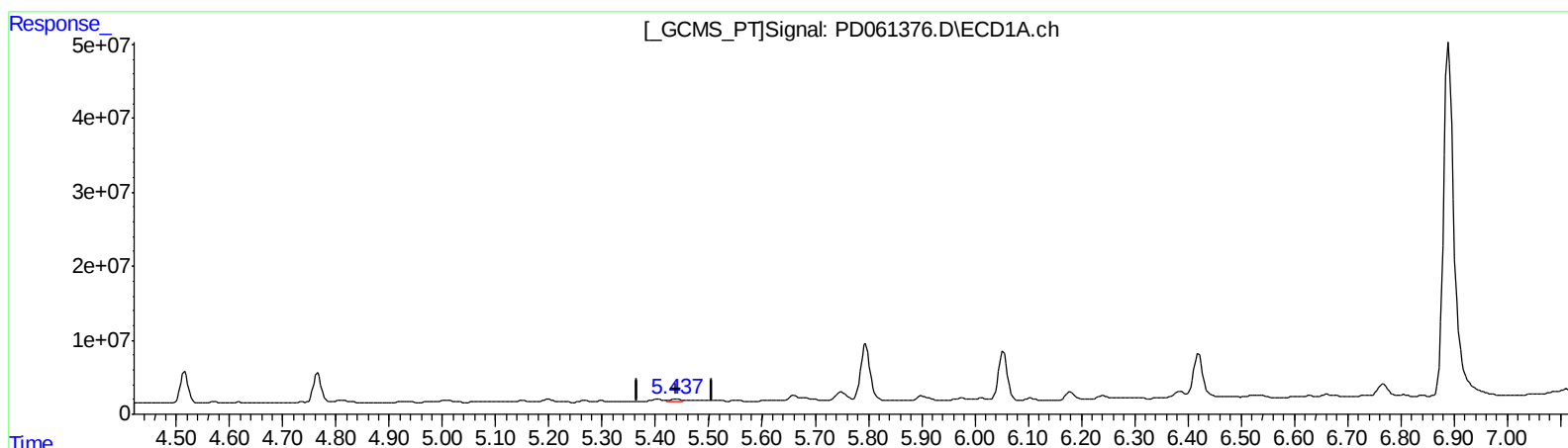
Instrument :
ECD_D
ClientSampleId :
DBGZ8MS

Manual Integrations
APPROVED

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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

(10) trans-Chlordane (B)

5.437min 3.190 ng/ml m

response 3979807

(10) trans-Chlordane #2 (B)

6.091min 1.553 ng/ml m

response 15501087

(+) = Expected Retention Time

PD022121CLP.M Mon Feb 22 07:43:05 2021

Page: 1

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Operator : DD\AJ
Sample : M1412-22MS
Misc :
ALS Vial : 53 Sample Multiplier: 1

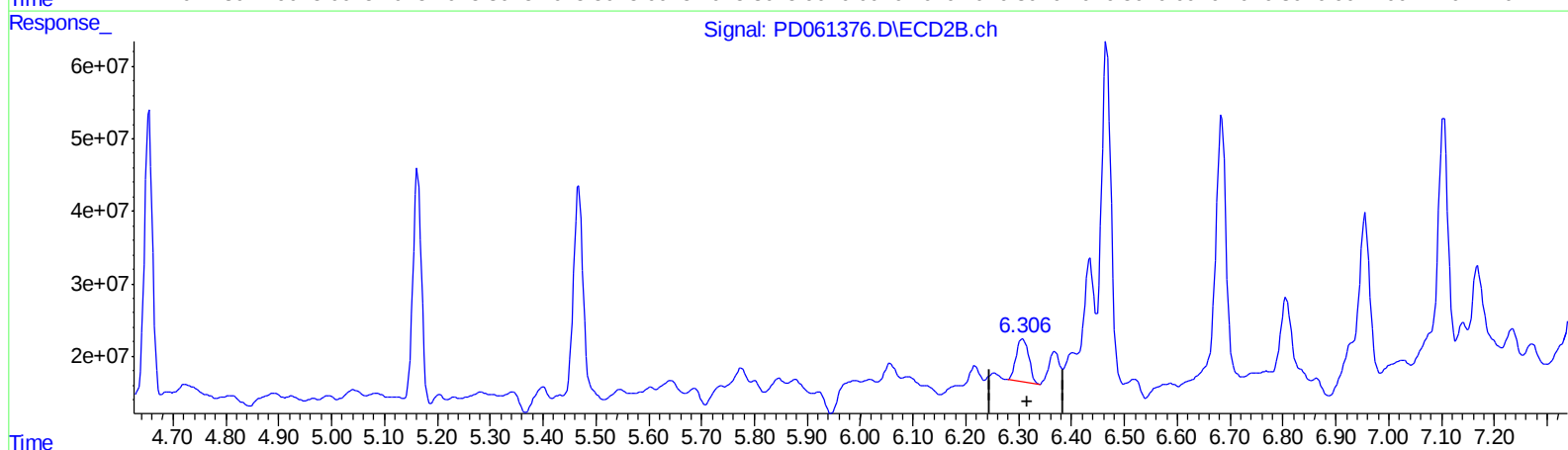
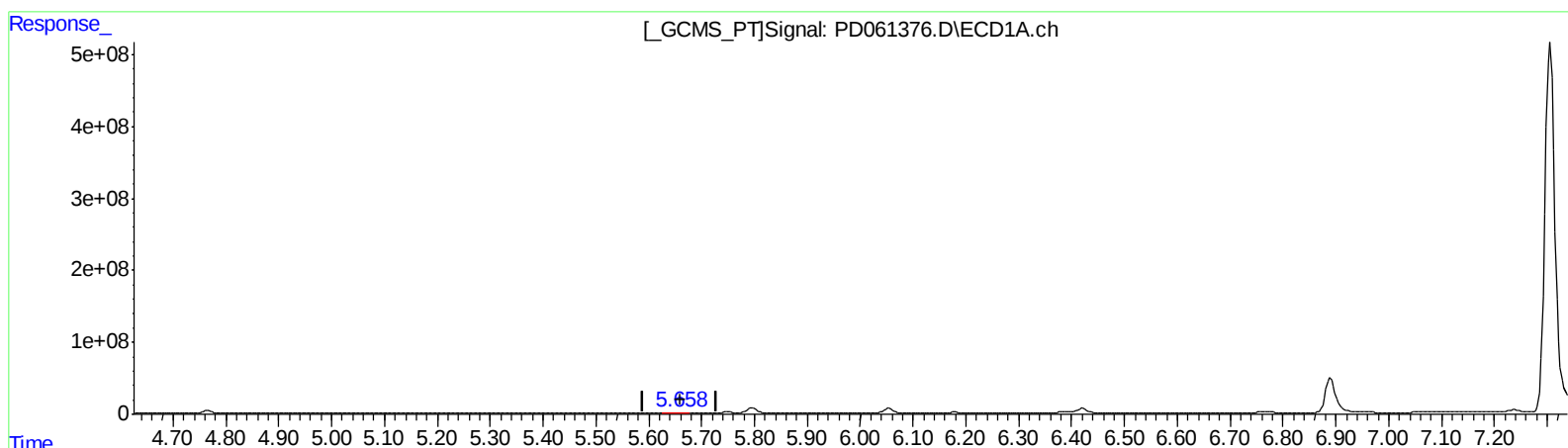
Instrument :
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(12) 4,4'-DDE (B)
5.660min 2.880 ng/ml
response 3345508

(12) 4,4'-DDE #2 (B)
6.307min 10.421 ng/ml
response 99373925

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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ALS Vial : 53 Sample Multiplier: 1

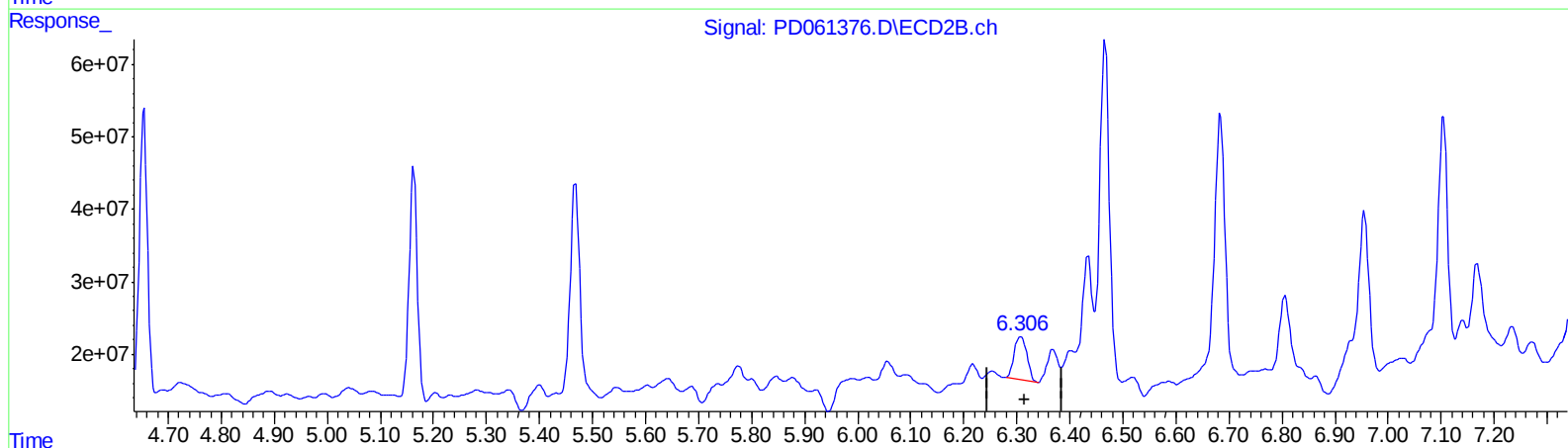
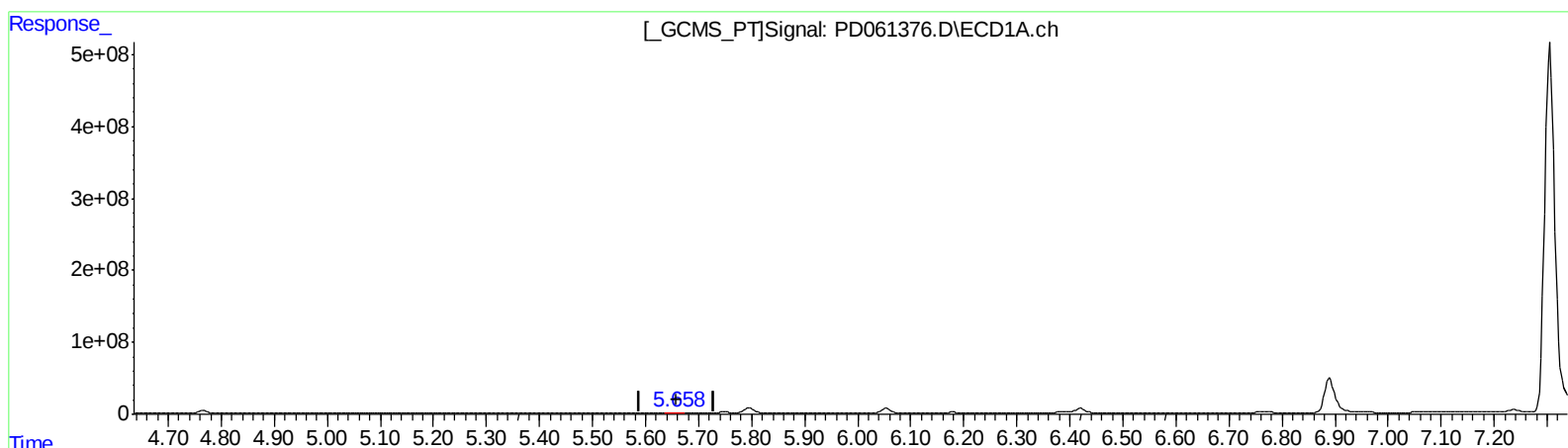
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ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

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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

(12) 4,4'-DDE (B)
5.658min 8.363 ng/ml m
response 9714757

(12) 4,4'-DDE #2 (B)
6.307min 10.421 ng/ml
response 99373925

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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Sample : M1412-22MS
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ALS Vial : 53 Sample Multiplier: 1

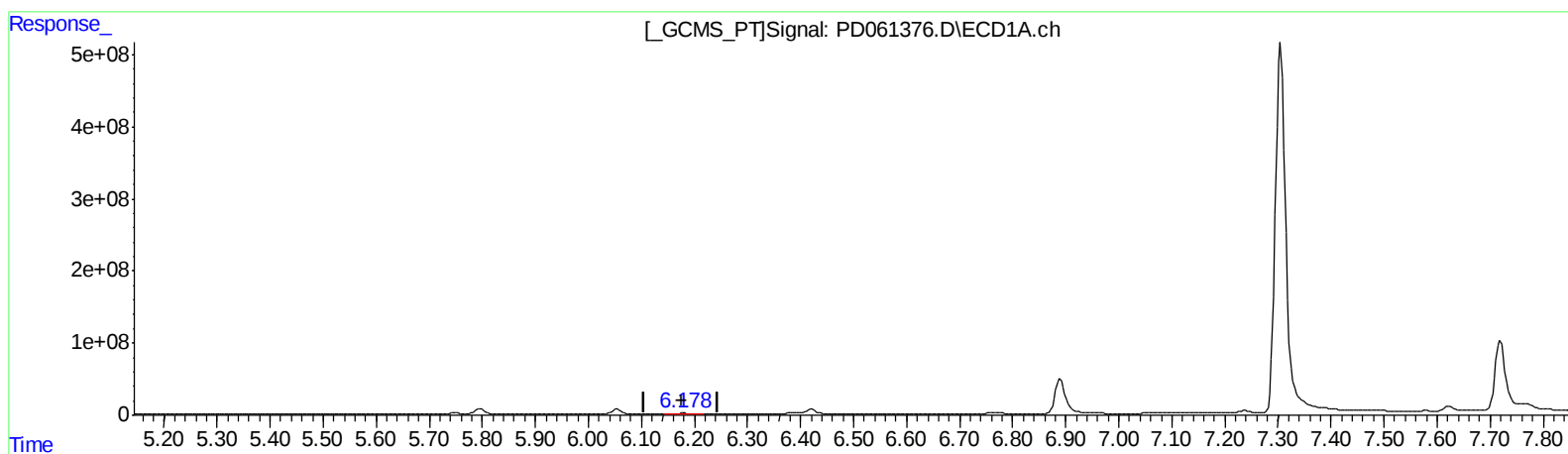
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(16) 4,4'-DDD (A)
6.179min 10.586 ng/ml
response 10747403

(16) 4,4'-DDD #2 (A)
6.806min 24.784 ng/ml
response 189914402

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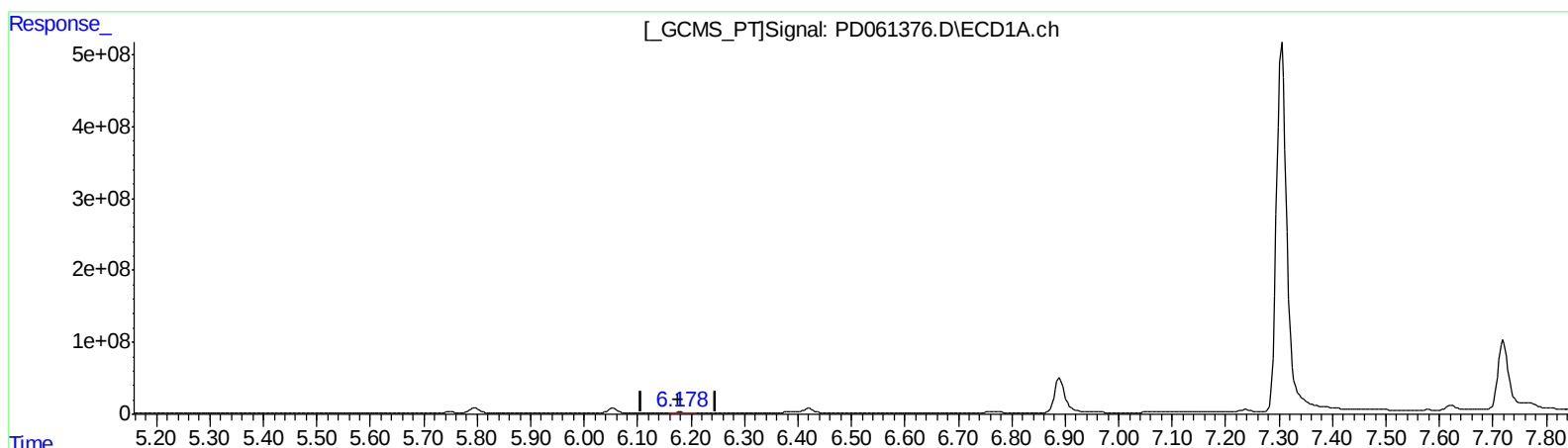
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(16) 4,4'-DDD (A)
6.178min 13.632 ng/ml m
response 13840067

(16) 4,4'-DDD #2 (A)
6.805min 18.924 ng/ml m
response 145013304

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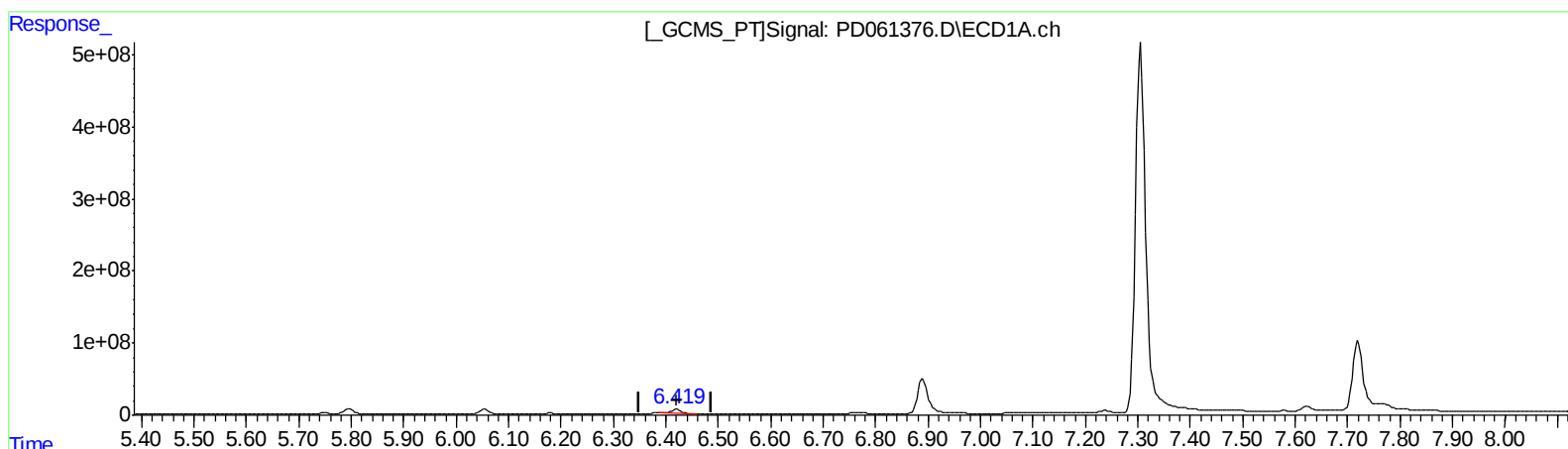
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(17) 4,4'-DDT (MA)

6.421min 58.650 ng/ml

response 59006965

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

7.104min 56.933 ng/ml

response 424386526

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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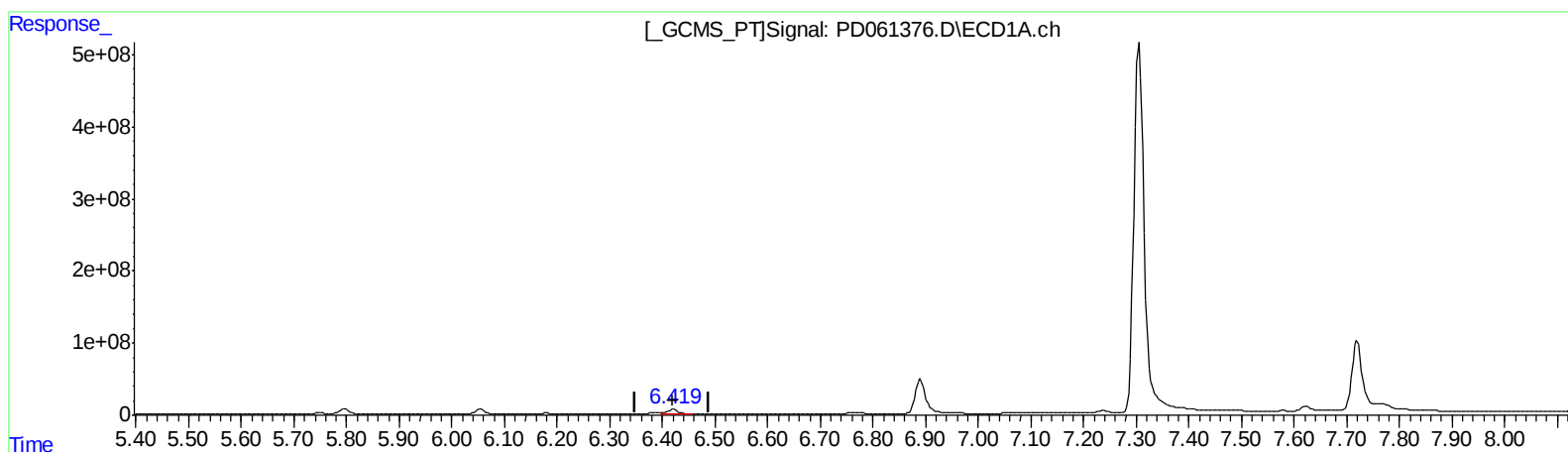
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(17) 4,4'-DDT (MA)

6.419min 71.263 ng/ml m

response 71696932

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

7.103min 51.616 ng/ml m

response 384752804

Quantitation Report (QT Reviewed)

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Instrument :
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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	3.983	9248804	66639136	10.044m	7.969
27) SA Decachlor...	8.256	9.038	1037.7E6	73131008	843.434	10.175m#
Target Compounds						
3) MA gamma-BHC...	4.212	4.655	48649965	415.8E6	37.817	35.590
4) MA Heptachlor	4.516	5.163	43166287	353.9E6	32.707	29.955
5) MB Aldrin	4.766	5.468	38503393	373.3E6	31.298	34.229
8) B Heptachlo...	5.199	5.845	3217381	35409174	2.690m	3.567m#
9) A Endosulfan I	5.555	6.218	2462219	28739500	2.087	3.111 #
10) B trans-Chl...	5.437	6.091	3979807	15501087	3.190m	1.553m#
12) B 4,4'-DDE	5.658	6.307	9714757	99373925	8.363m	10.421
13) MA Dieldrin	5.795	6.467	83343894	598.0E6	65.251	60.850
14) MA Endrin	6.054	6.684	75746849	489.7E6	71.364	63.439
16) A 4,4'-DDD	6.178	6.805	13840067	145.0E6	13.632m	18.924m#
17) MA 4,4'-DDT	6.419	7.103	71696932	384.8E6	71.263m	51.616m#

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