

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
Data File : PD061351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2021 19:14
Operator : DD\AJ
Sample : M1379-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

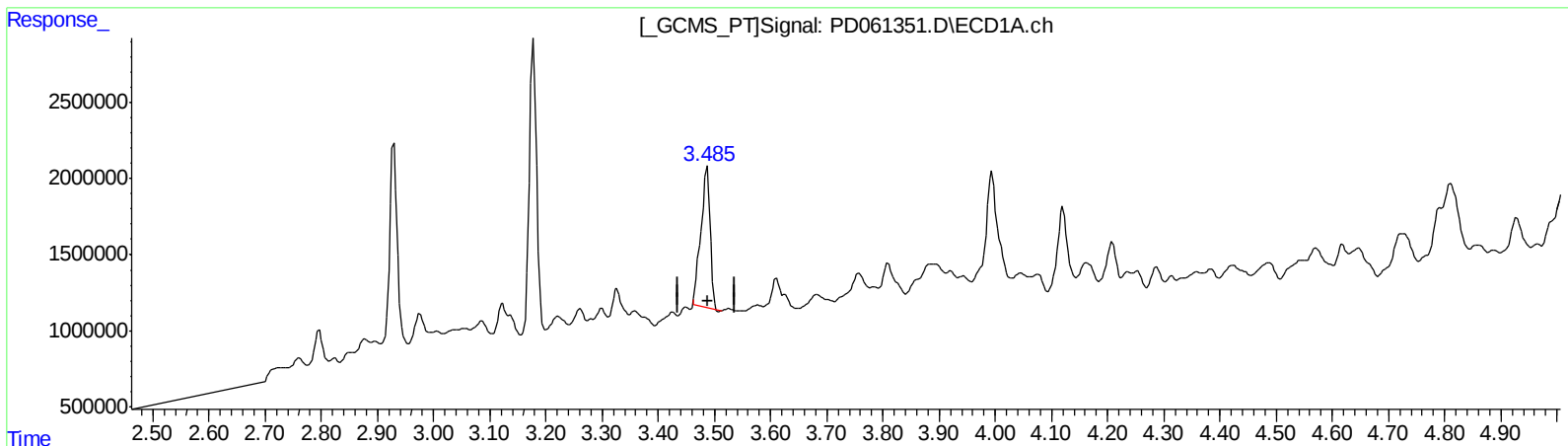
Instrument :
ECD_D
ClientSampleId :
DBH17

Manual Integrations
APPROVED

Ankita
2/23/2021 8:54:23 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 04:58:30 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



(1) Tetrachloro-m-xylene (SA)

3.487min 11.291 ng/ml

response 10397223

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

3.982min 7.381 ng/ml

response 61720019

(+) = Expected Retention Time

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Operator : DD\AJ
Sample : M1379-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

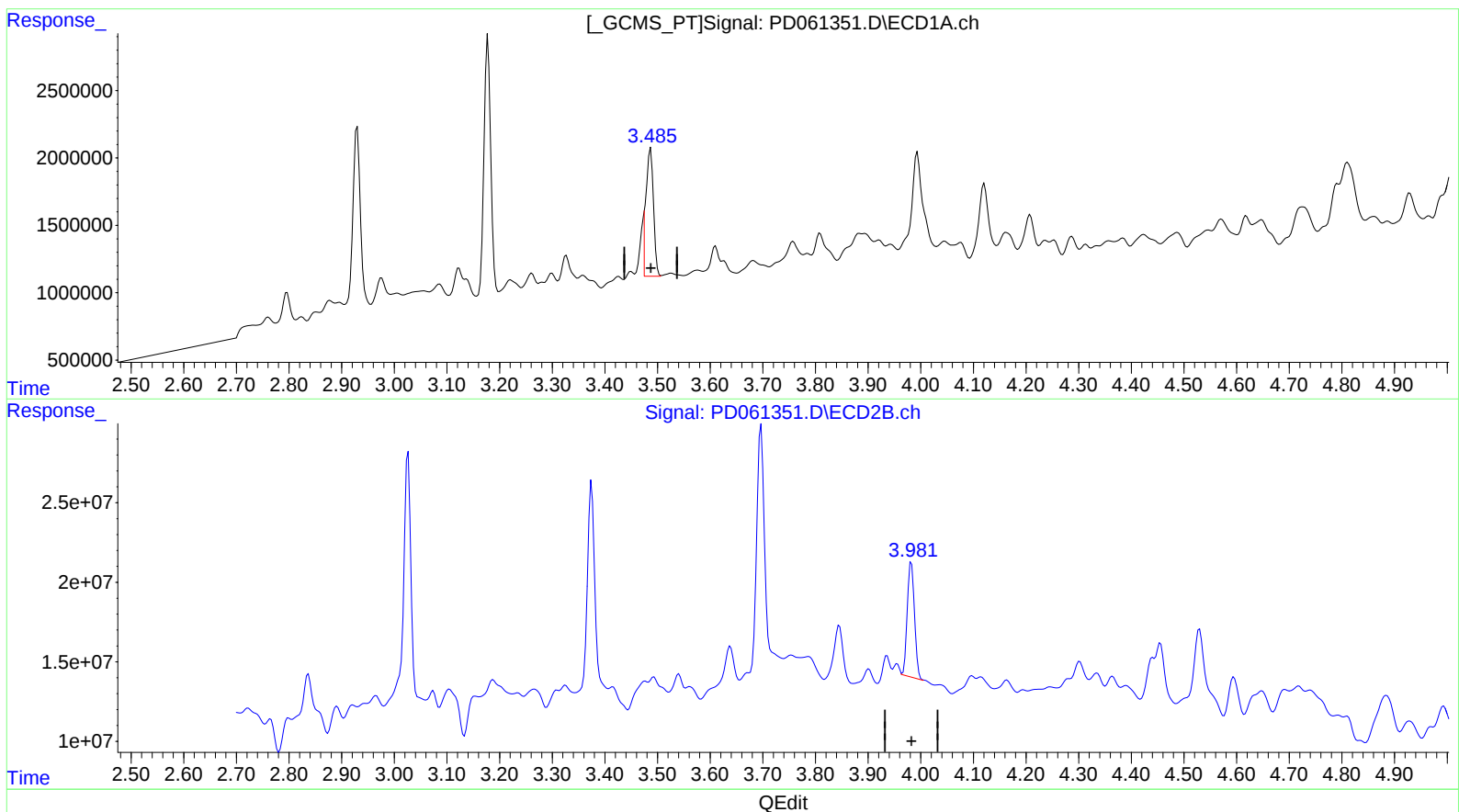
Instrument :
ECD_D
ClientSampleId :
DBH17

Manual Integrations
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Ankita
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(1) Tetrachloro-m-xylene (SA)

3.485min 9.903 ng/ml m

response 9118824

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

3.981min 8.235 ng/ml m

response 68858285

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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Acq On : 21 Feb 2021 19:14
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Sample : M1379-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

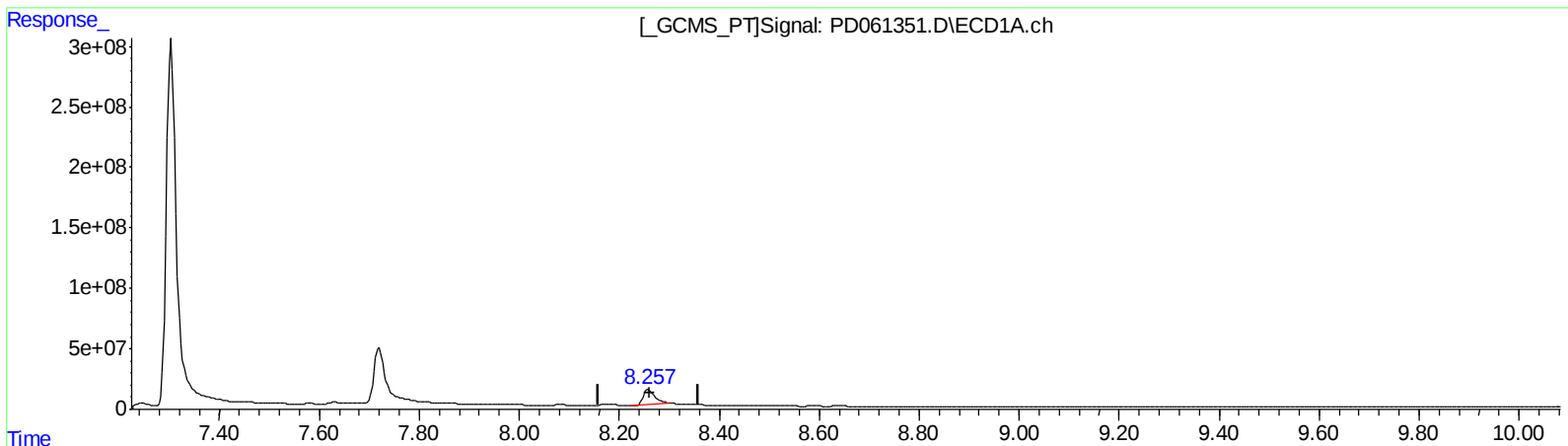
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(27) Decachlorobiphenyl (SA)

8.258min 158.574 ng/ml

response 195098359

(27) Decachlorobiphenyl #2 (SA)

9.037min 10.857 ng/ml

response 78029254

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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Operator : DD\AJ
Sample : M1379-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

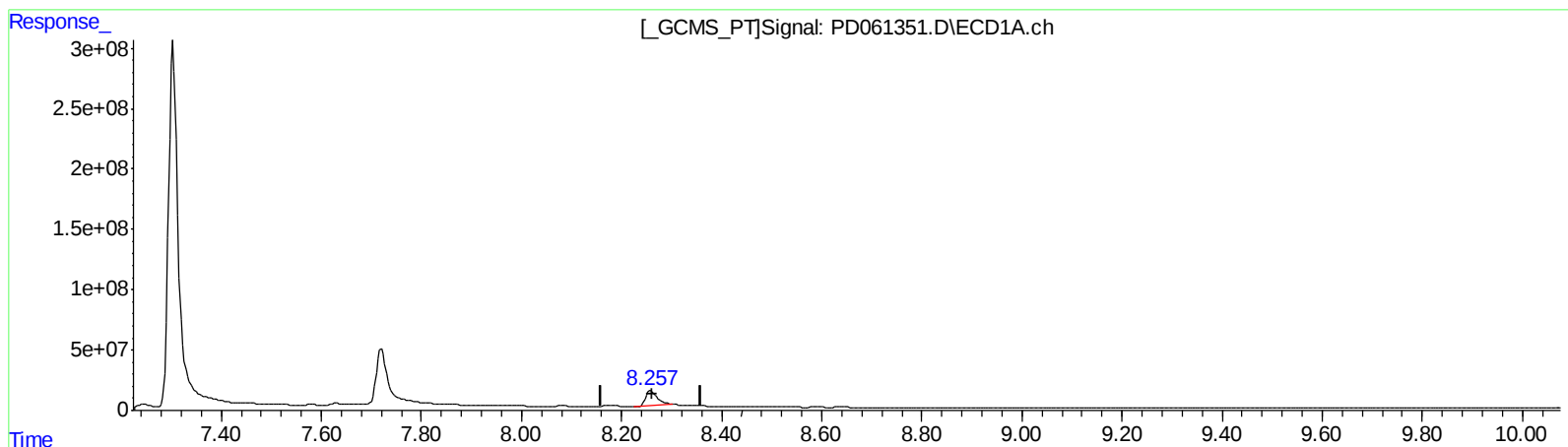
Instrument :
ECD_D
ClientSampleId :
DBH17

Manual Integrations
APPROVED

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



(27) Decachlorobiphenyl (SA)

8.258min 158.574 ng/ml

response 195098359

(27) Decachlorobiphenyl #2 (SA)

9.036min 12.474 ng/ml m

response 89656870

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M1379-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

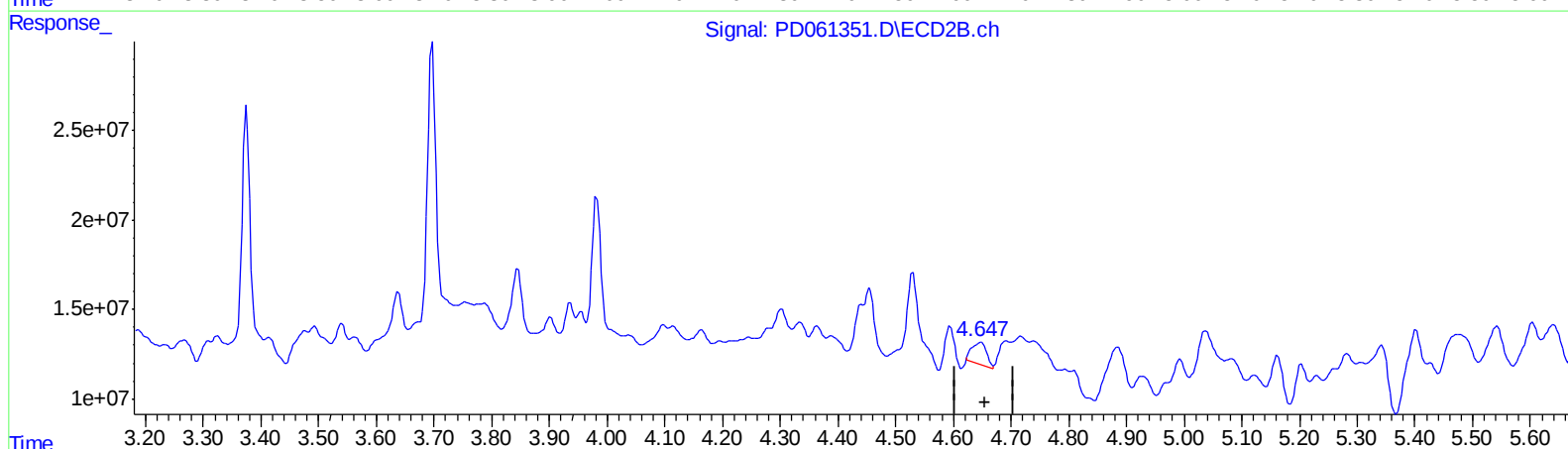
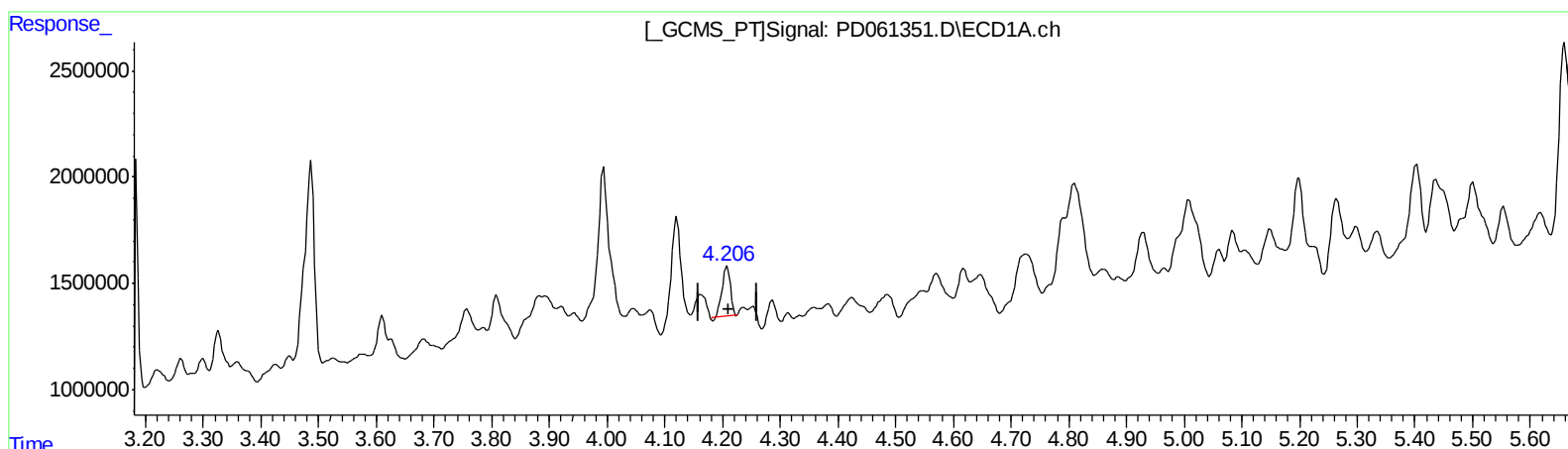
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Manual Integrations
APPROVED

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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

(3) gamma-BHC (Lindane) (MA)

4.208min 1.759 ng/ml

response 2263133

(3) gamma-BHC (Lindane) #2 (MA)

4.648min 1.864 ng/ml

response 21772357

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2021 19:14
Operator : DD\AJ
Sample : M1379-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

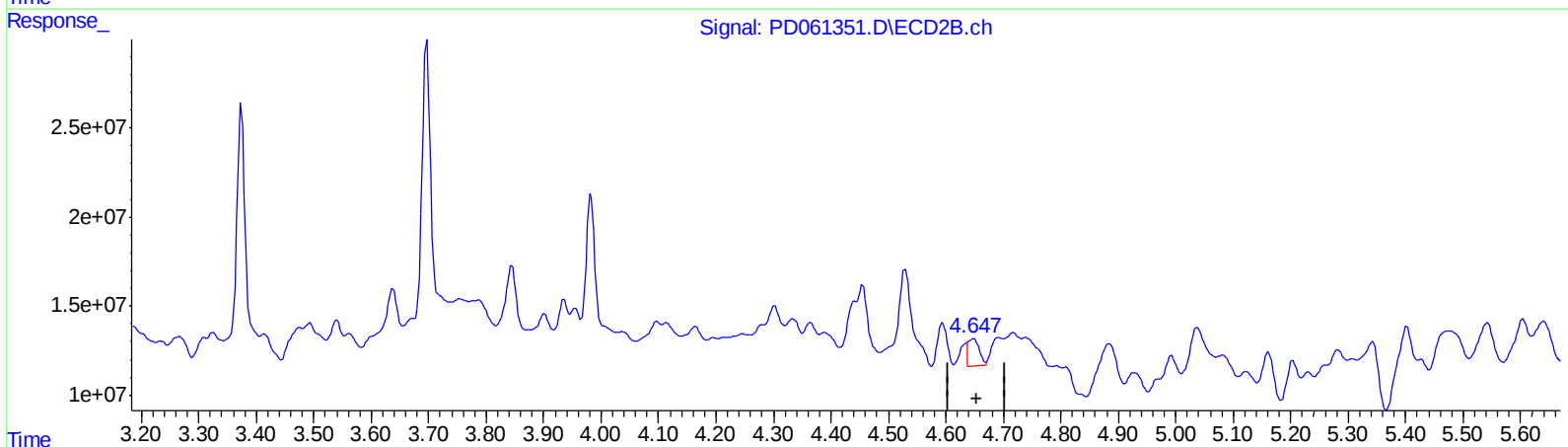
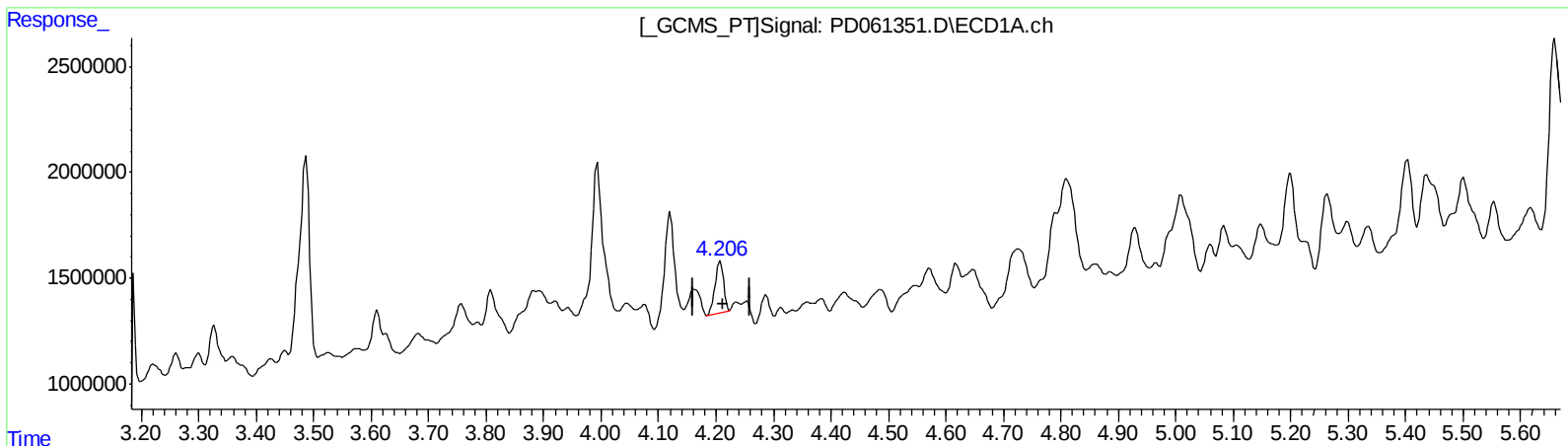
Instrument :
ECD_D
ClientSampleId :
DBH17

Manual Integrations
APPROVED

Ankita
2/23/2021 8:54:23 AM

Integration File signal 1: autoint1.e
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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

(3) gamma-BHC (Lindane) (MA)

4.206min 1.986 ng/ml m

response 2554376

(3) gamma-BHC (Lindane) #2 (MA)

4.647min 1.685 ng/ml m

response 19688823

(+) = Expected Retention Time

PD022121CLP.M Mon Feb 22 06:43:51 2021

Page: 1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
Data File : PD061351.D
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Operator : DD\AJ
Sample : M1379-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

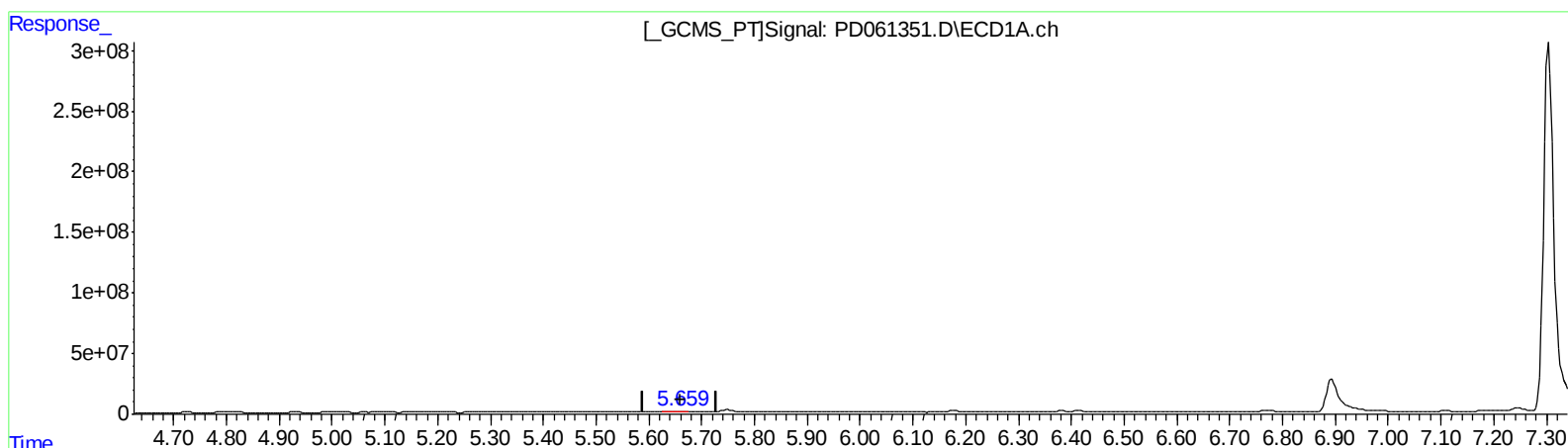
Instrument :
ECD_D
ClientSampleId :
DBH17

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



(12) 4,4'-DDE (B)
5.660min 1.285 ng/ml
response 1492589

(12) 4,4'-DDE #2 (B)
6.305min 18.399 ng/ml
response 175454725

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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Sample : M1379-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

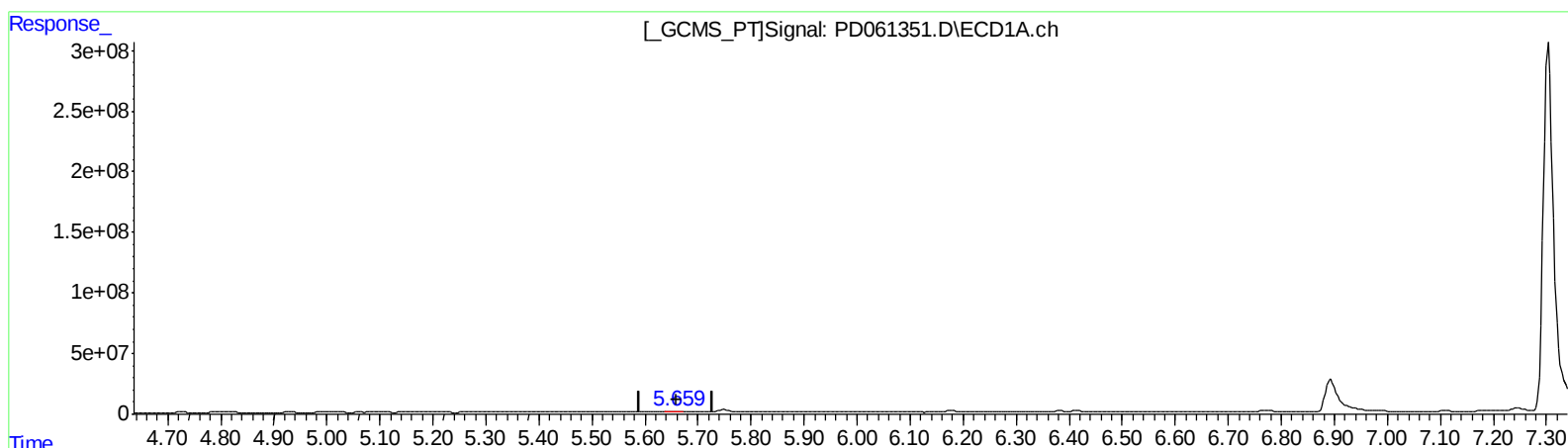
Instrument :
ECD_D
ClientSampleId :
DBH17

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



(12) 4,4'-DDE (B)
5.659min 9.583 ng/ml m
response 11132842

(12) 4,4'-DDE #2 (B)
6.304min 20.684 ng/ml m
response 197248999

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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Acq On : 21 Feb 2021 19:14
Operator : DD\AJ
Sample : M1379-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

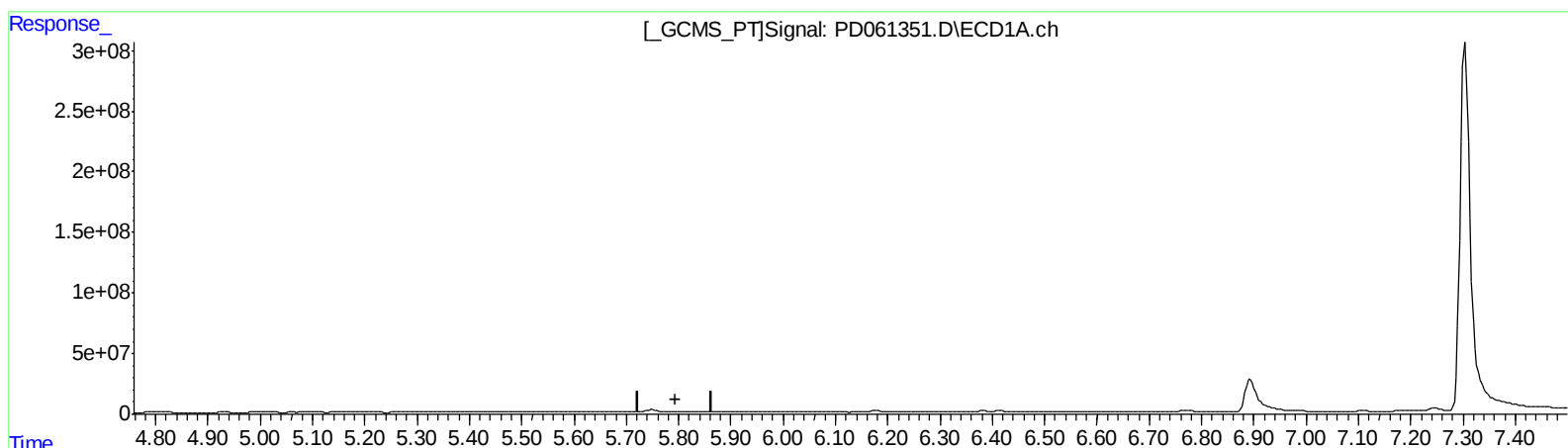
Instrument :
ECD_D
ClientSampleId :
DBH17

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



(13) Dieldrin (MA)
5.786min -3.162 ng/ml
response -4038172

(13) Dieldrin #2 (MA)
6.469min 4.035 ng/ml
response 39660684

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2021 19:14
Operator : DD\AJ
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Misc :
ALS Vial : 31 Sample Multiplier: 1

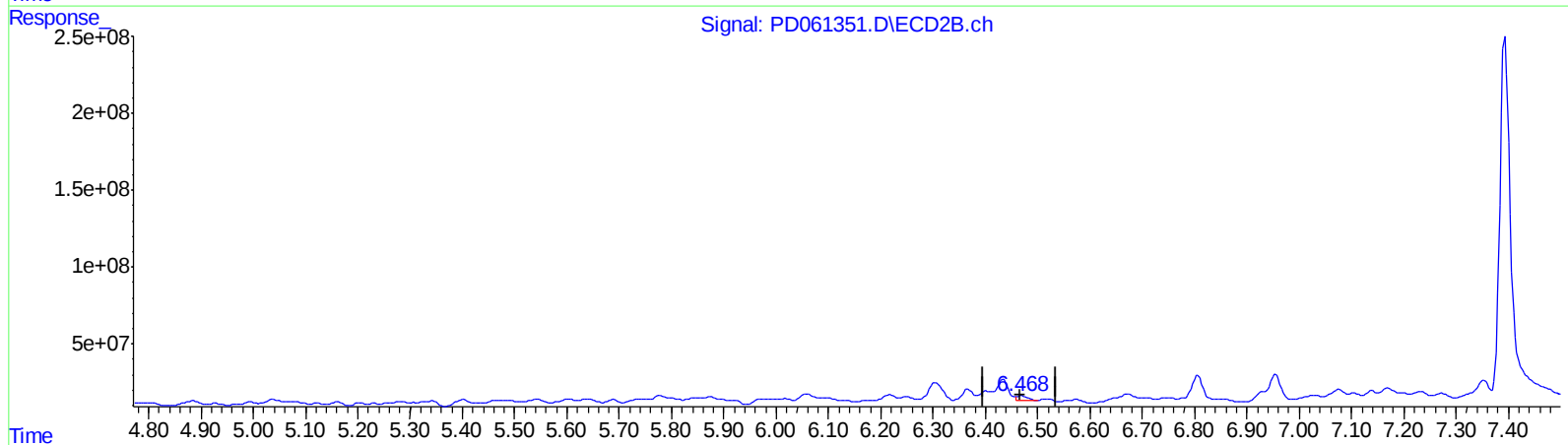
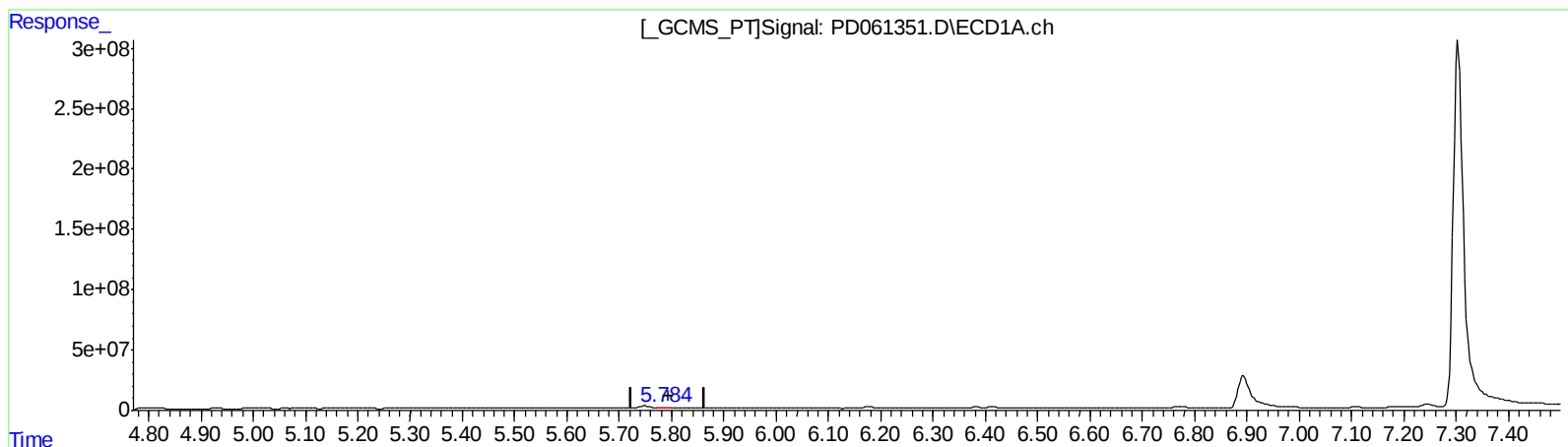
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ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

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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



(13) Dieldrin (MA)
5.784min 5.862 ng/ml m
response 7487968

(13) Dieldrin #2 (MA)
6.469min 4.035 ng/ml
response 39660684

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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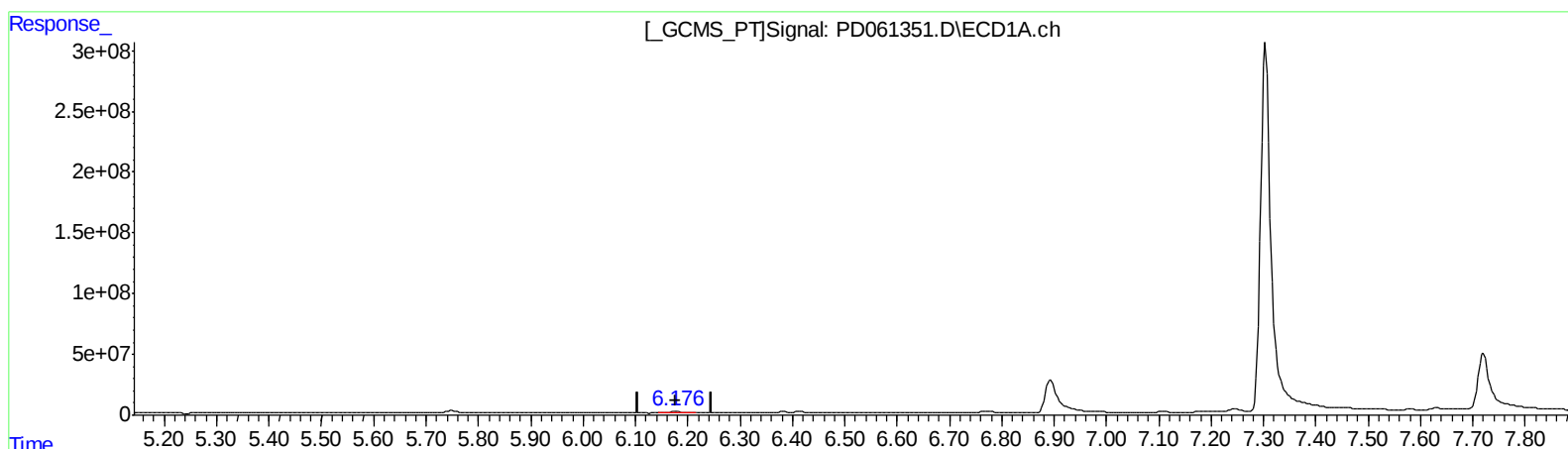
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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(16) 4,4'-DDD (A)
6.177min 17.616 ng/ml
response 17884404

(16) 4,4'-DDD #2 (A)
6.806min 32.927 ng/ml
response 252316117

QEdit

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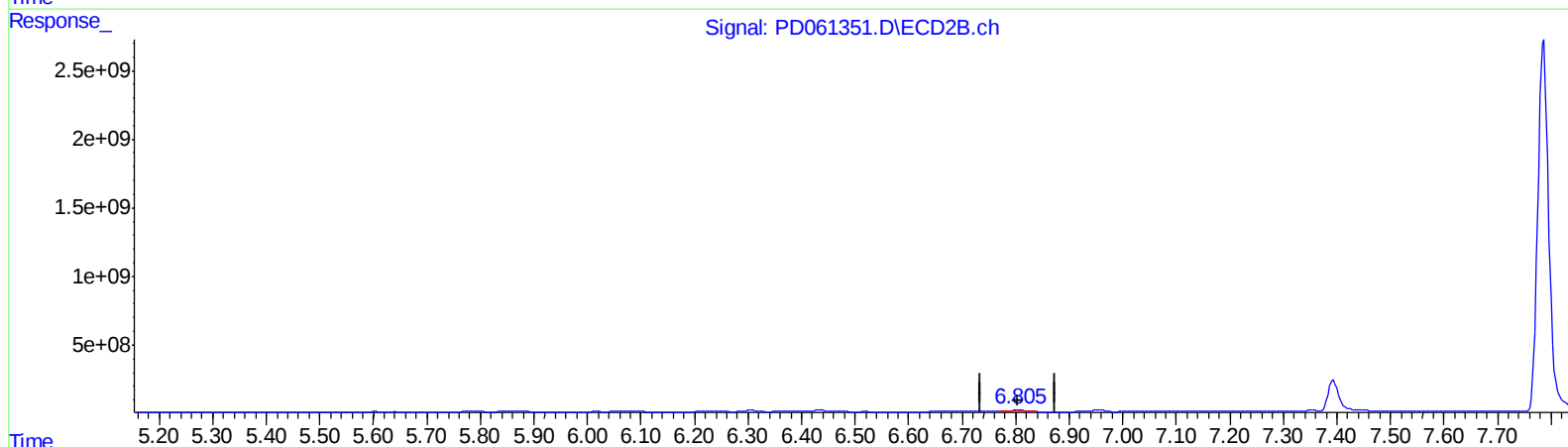
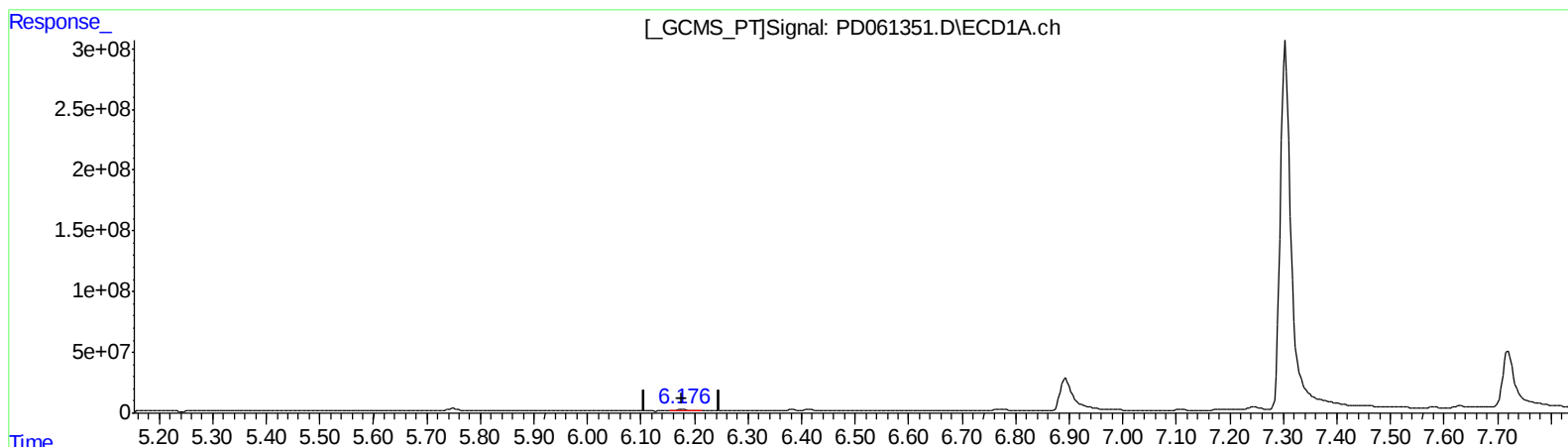
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(16) 4,4'-DDD (A)
 6.176min 18.809 ng/ml m
 response 19095785

(16) 4,4'-DDD #2 (A)
 6.805min 26.975 ng/ml m
 response 206704065

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022121\
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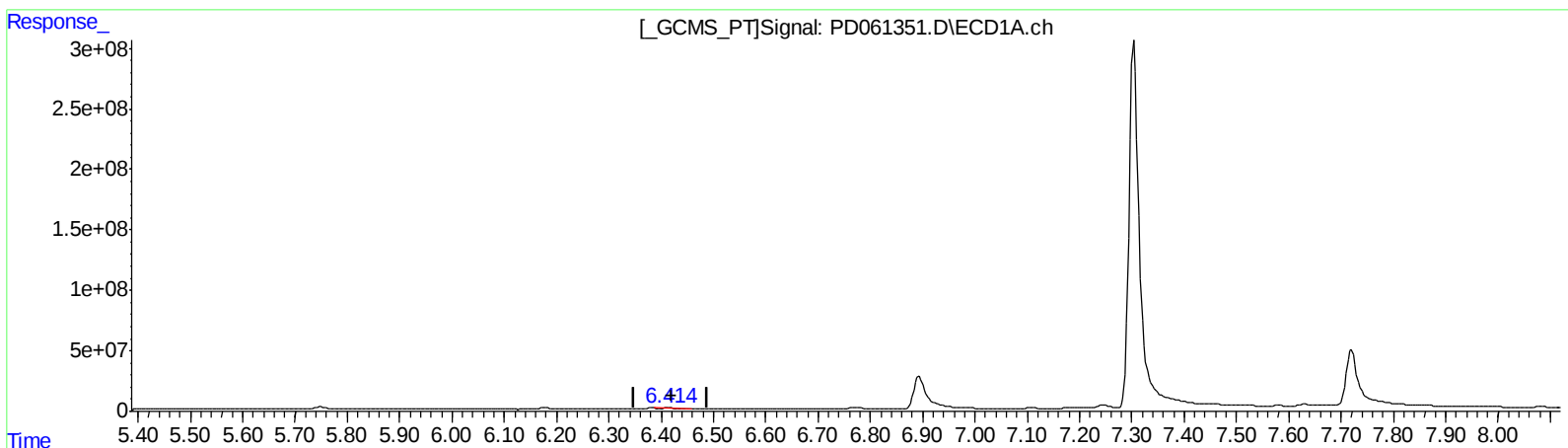
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ClientSampleId :
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(17) 4,4'-DDT (MA)
6.415min 3.270 ng/ml
response 3289745

(17) 4,4'-DDT #2 (MA)
7.105min 2.483 ng/ml
response 18504884

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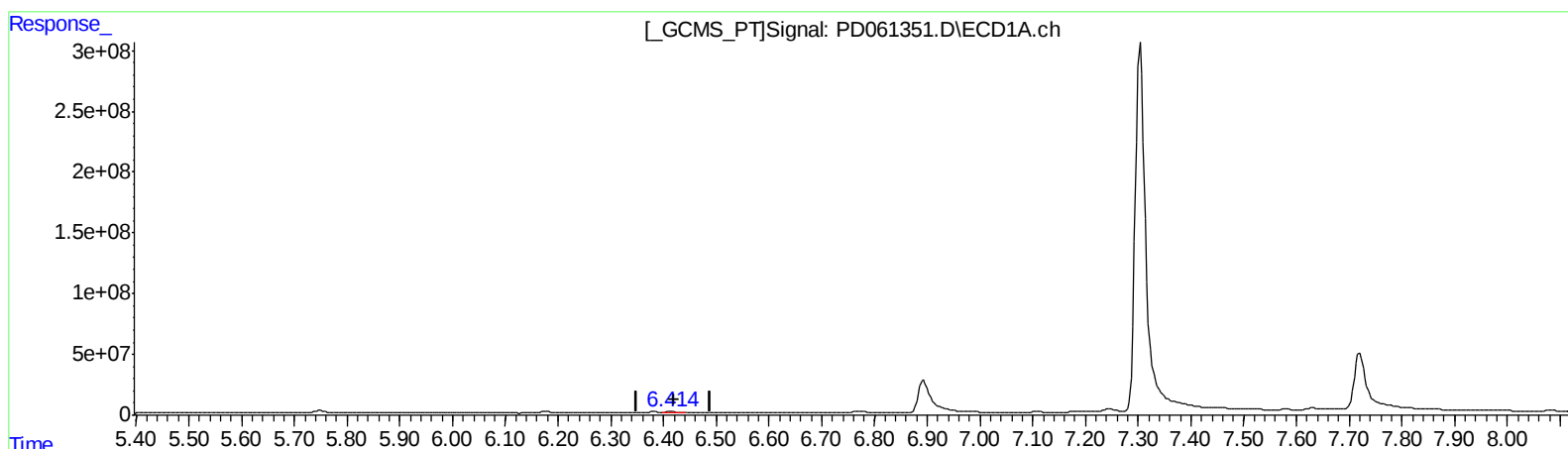
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

6.414min 11.058 ng/ml m

response 11125847

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

7.105min 2.483 ng/ml

response 18504884

Quantitation Report (QT Reviewed)

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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	3.981	9118824	68858285	9.903m	8.235m
27) SA Decachlor...	8.258	9.036	195.1E6	89656870	158.574	12.474m#
Target Compounds						
3) MA gamma-BHC...	4.206	4.647	2554376	19688823	1.986m	1.685m
9) A Endosulfan I	5.555	6.218	2050030	32226946	1.738	3.489 #
12) B 4,4'-DDE	5.659	6.304	11132842	197.2E6	9.583m	20.684m#
13) MA Dieldrin	5.784	6.469	7487968	39660684	5.862m	4.035 #
14) MA Endrin	6.053	6.674	3814928	53900830	3.594	6.982 #
16) A 4,4'-DDD	6.176	6.805	19095785	206.7E6	18.809m	26.975m#
17) MA 4,4'-DDT	6.414	7.105	11125847	18504884	11.058m	2.483 #

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