

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 12:27
Operator : AR\AJ
Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

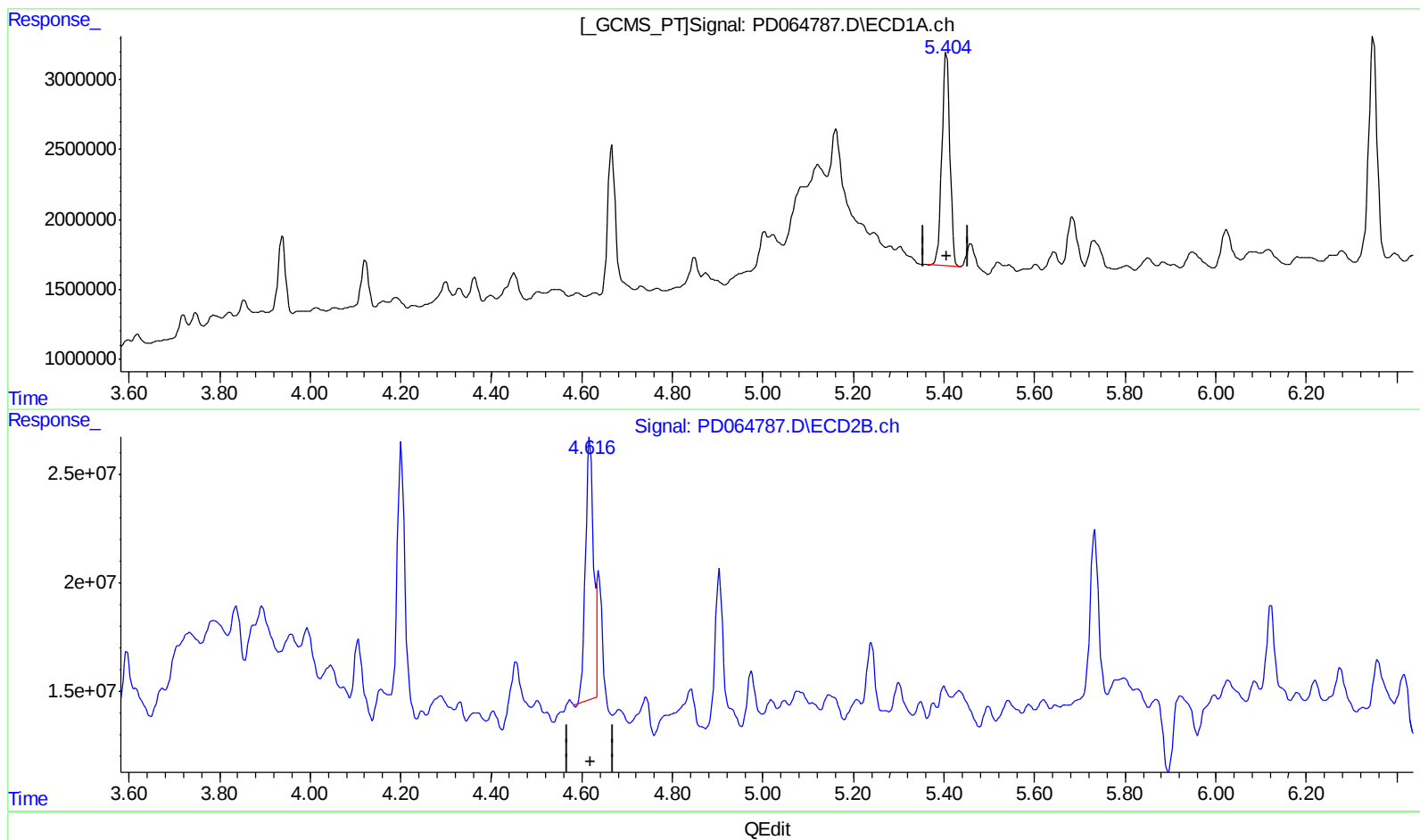
Instrument :
ECD_D
ClientSampleId :
C00C6

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:09 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 04:09:20 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 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)

5.405min 15.615 ng/ml

response 18626801

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

4.618min 15.496 ng/ml

response 141603311

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 12:27
Operator : AR\AJ
Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

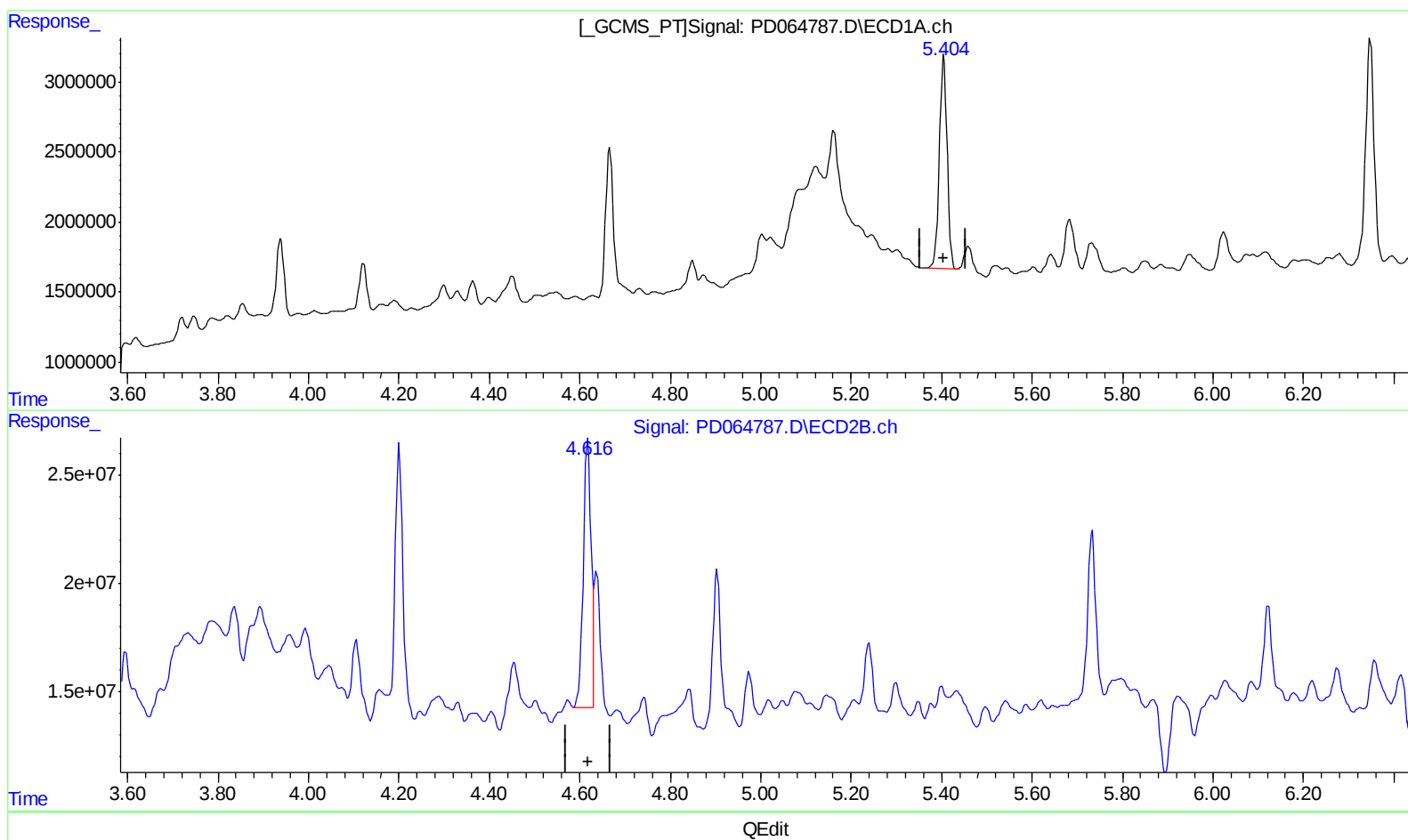
Instrument :
ECD_D
ClientSampleId :
C00C6

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:09 PM

Integration File signal 1: autoint1.e
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(1) Tetrachloro-m-xylene (SA)

5.405min 15.615 ng/ml

response 18626801

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

4.616min 16.792 ng/ml m

response 153440482

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 12:27
Operator : AR\AJ
Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

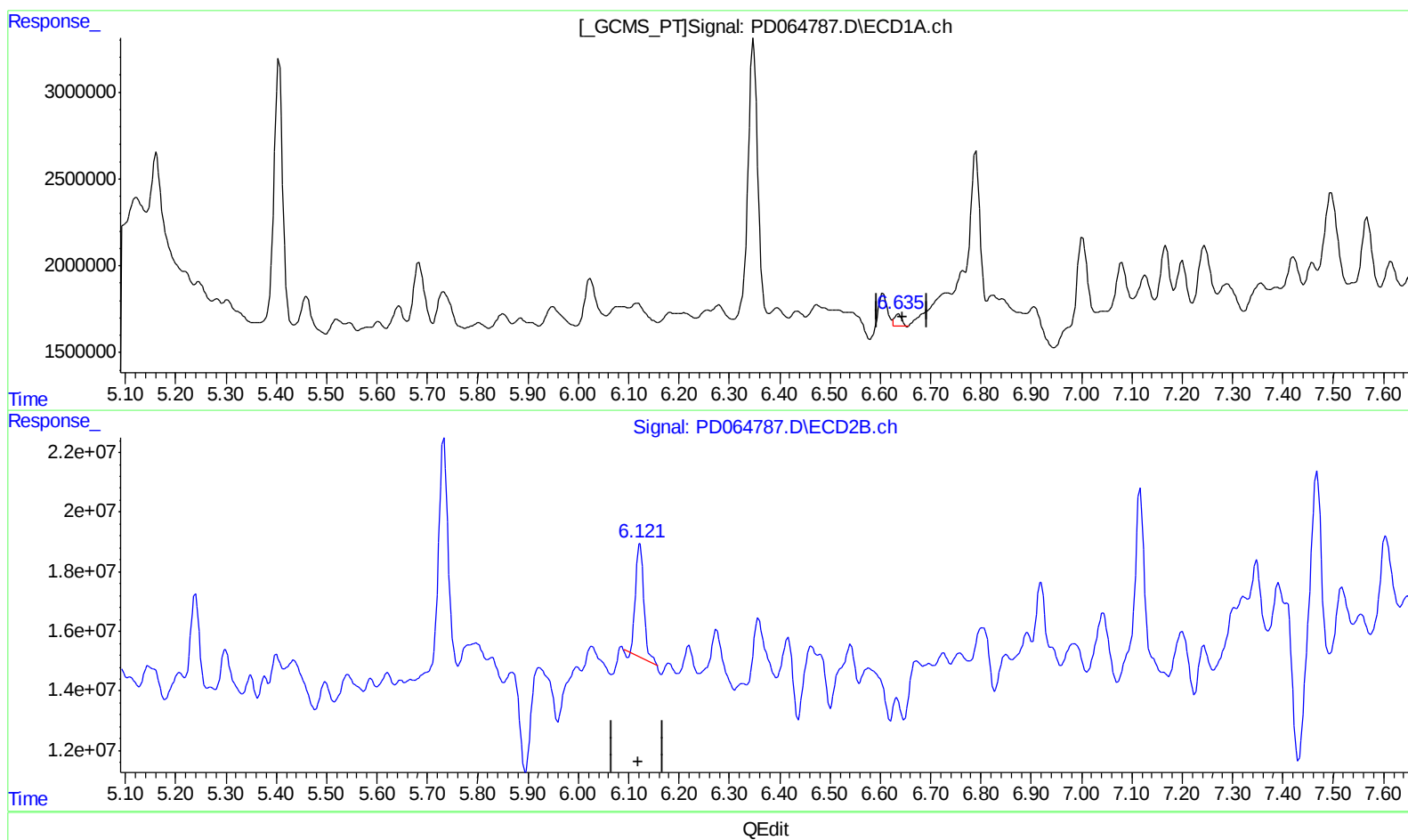
Instrument :
ECD_D
ClientSampleId :
C00C6

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:09 PM

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



(6) beta-BHC (B)

6.637min 0.960 ng/ml

response 748644

(6) beta-BHC #2 (B)

6.122min 6.882 ng/ml

response 41754287

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 12:27
Operator : AR\AJ
Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

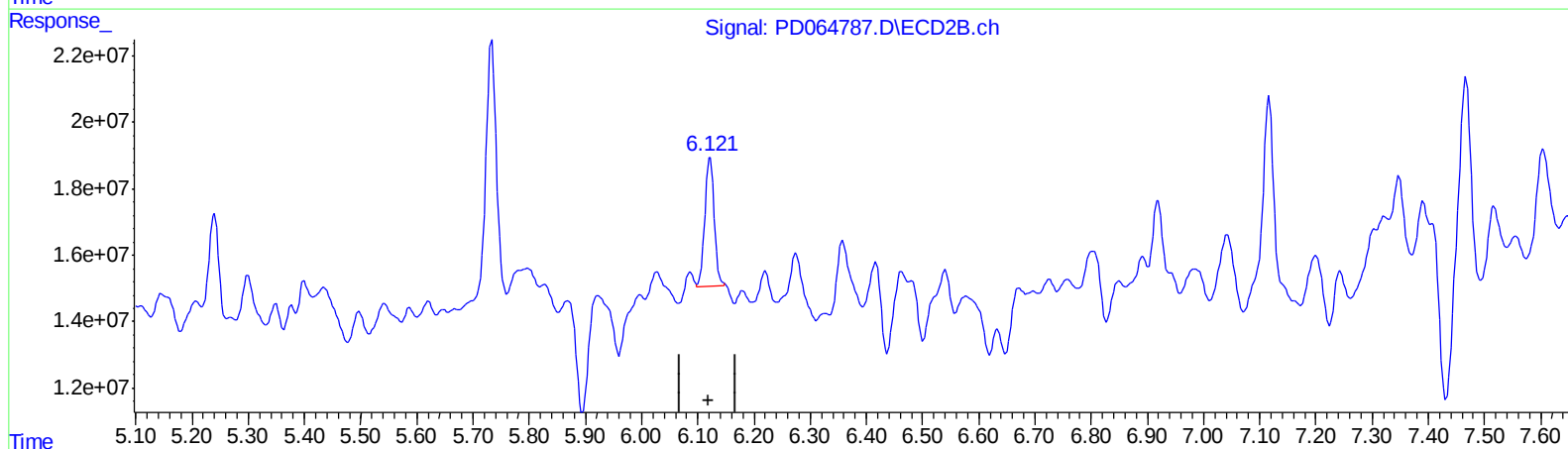
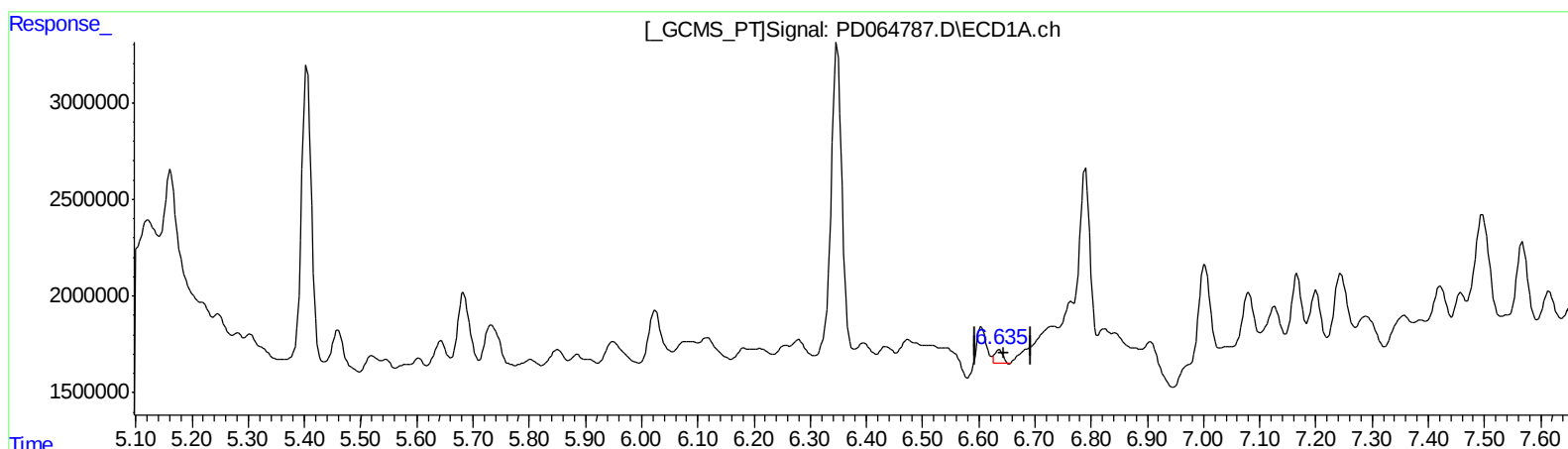
Instrument :
ECD_D
ClientSampled :
C00C6

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:09 PM

Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
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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

(6) beta-BHC (B)

6.637min 0.960 ng/ml

response 748644

(6) beta-BHC #2 (B)

6.121min 7.286 ng/ml m

response 44205035

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 12:27
Operator : AR\AJ
Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

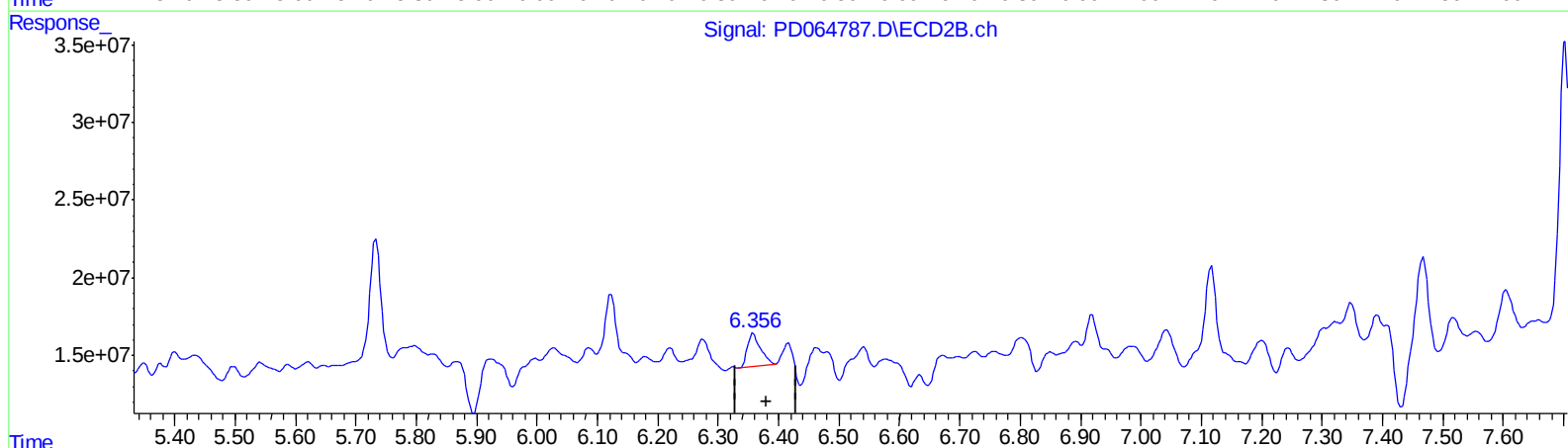
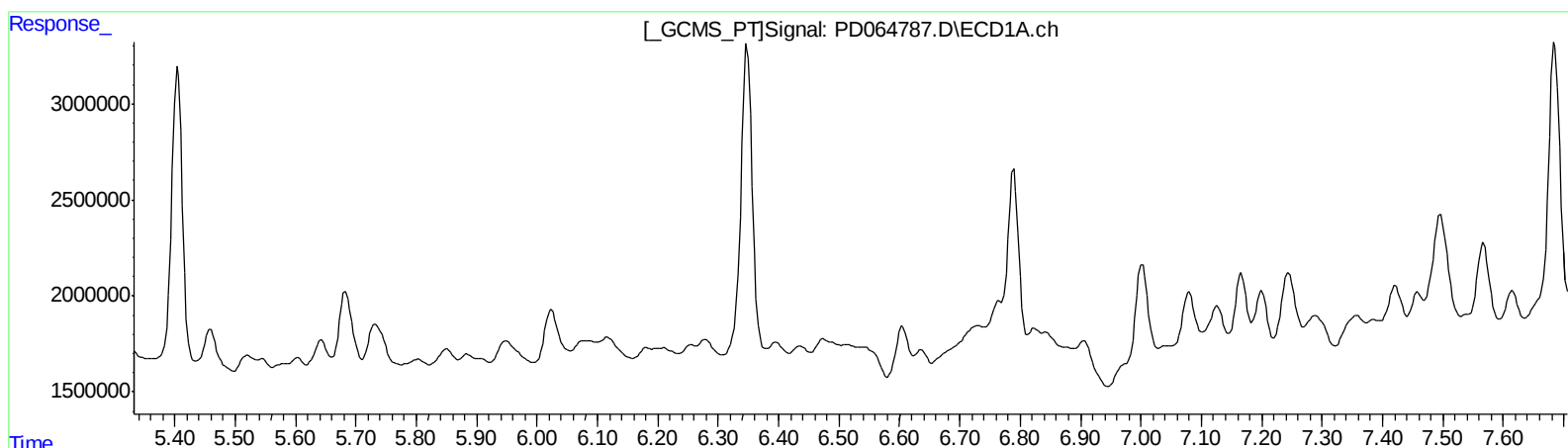
Instrument :
ECD_D
ClientSampleId :
C00C6

Manual Integrations
APPROVED

mohammad
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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

(7) delta-BHC (B)
0.000min 0.000 ng/ml
response 0

(7) delta-BHC #2 (B)
6.358min 2.896 ng/ml
response 31458178

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 12:27
Operator : AR\AJ
Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

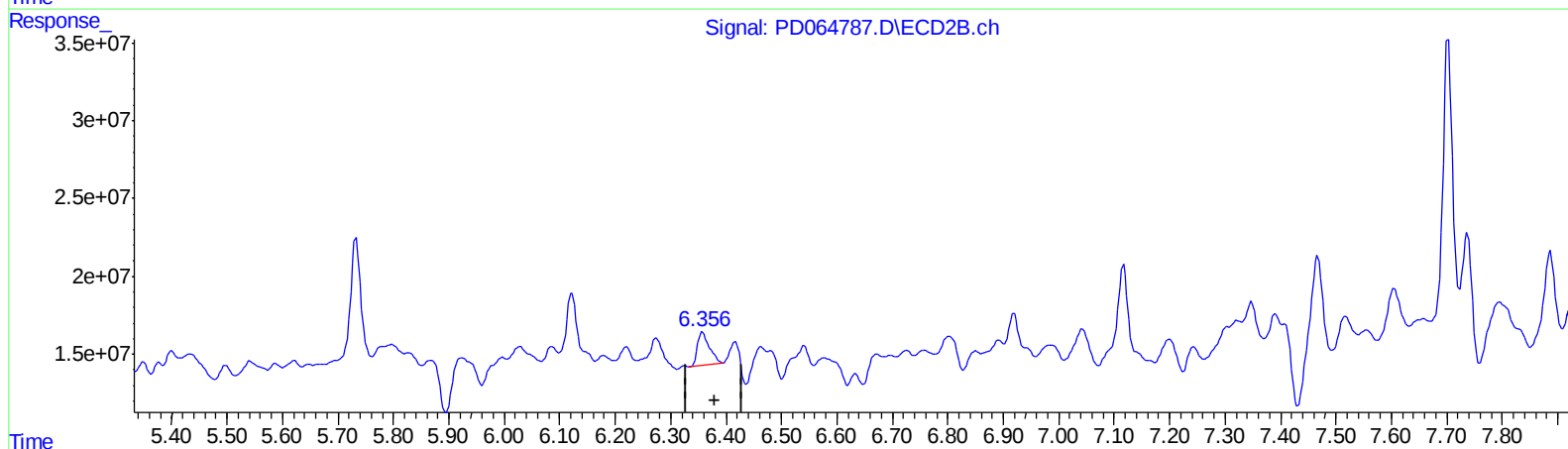
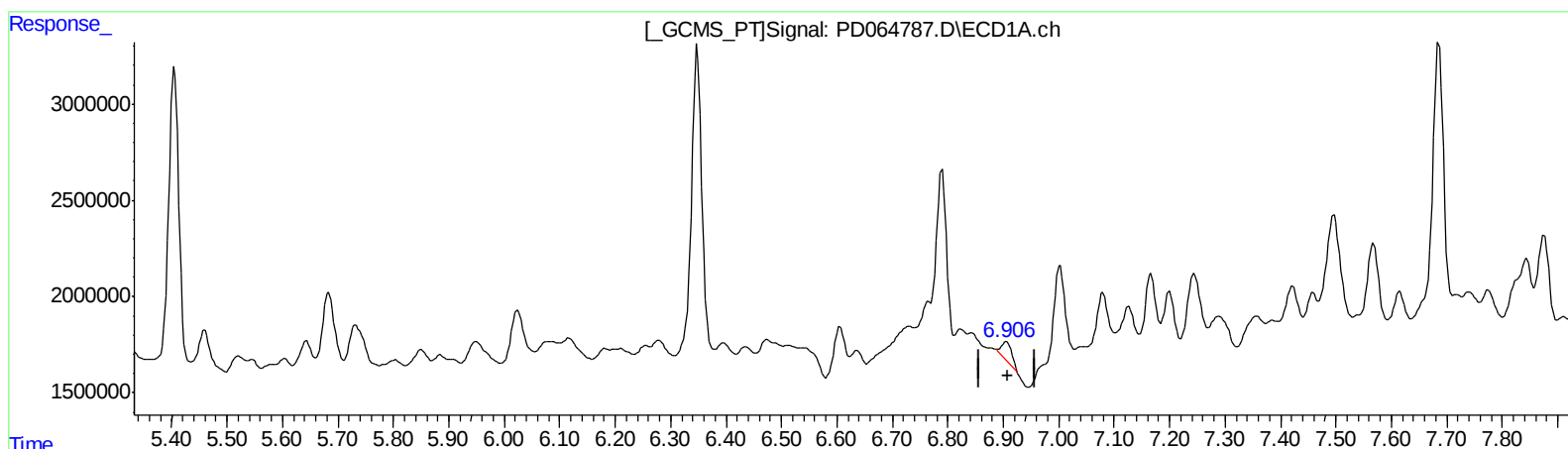
Instrument :
ECD_D
ClientSampleId :
C00C6

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:09 PM

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

(7) delta-BHC (B)

6.906min 0.663 ng/ml m

response 1154003

(7) delta-BHC #2 (B)

6.358min 2.896 ng/ml

response 31458178

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 12:27
Operator : AR\AJ
Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

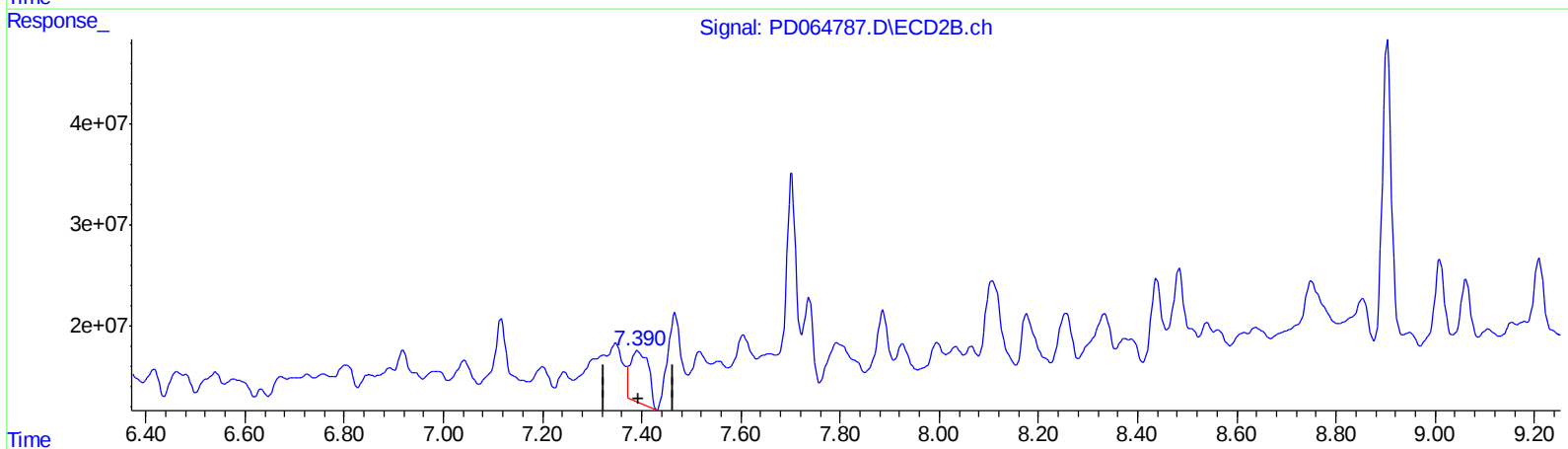
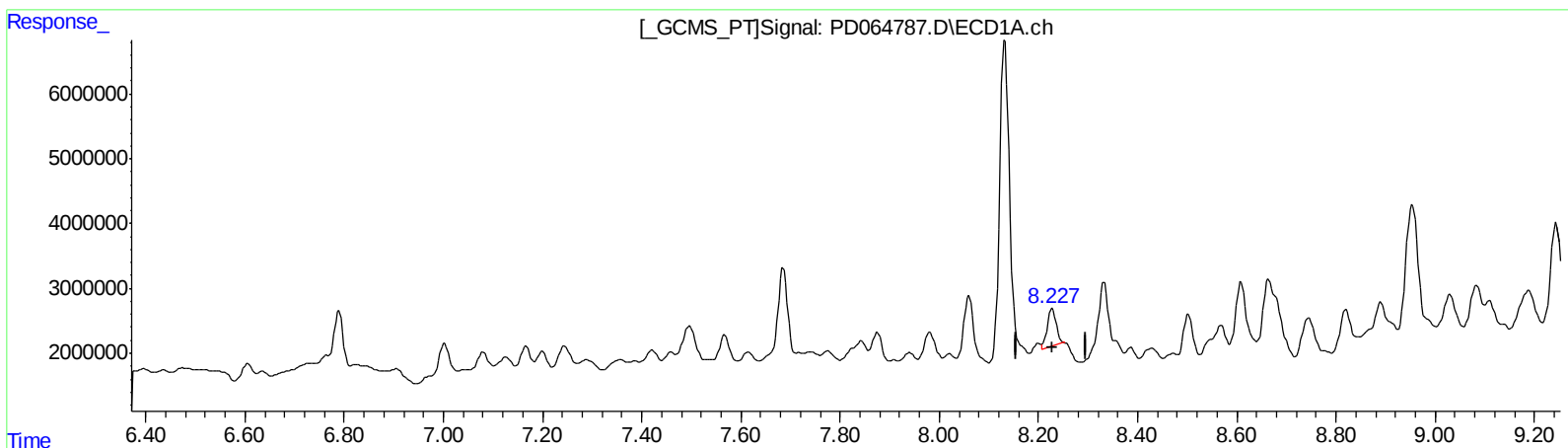
Instrument :
ECD_D
ClientSampleId :
C00C6

Manual Integrations
APPROVED

mohammad
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Integration File signal 1: autoint1.e
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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

(11) cis-Chlordane (B)

8.228min 4.807 ng/ml

response 7490590

(11) cis-Chlordane #2 (B)

7.391min 14.859 ng/ml

response 132179424

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
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Operator : AR\AJ
Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

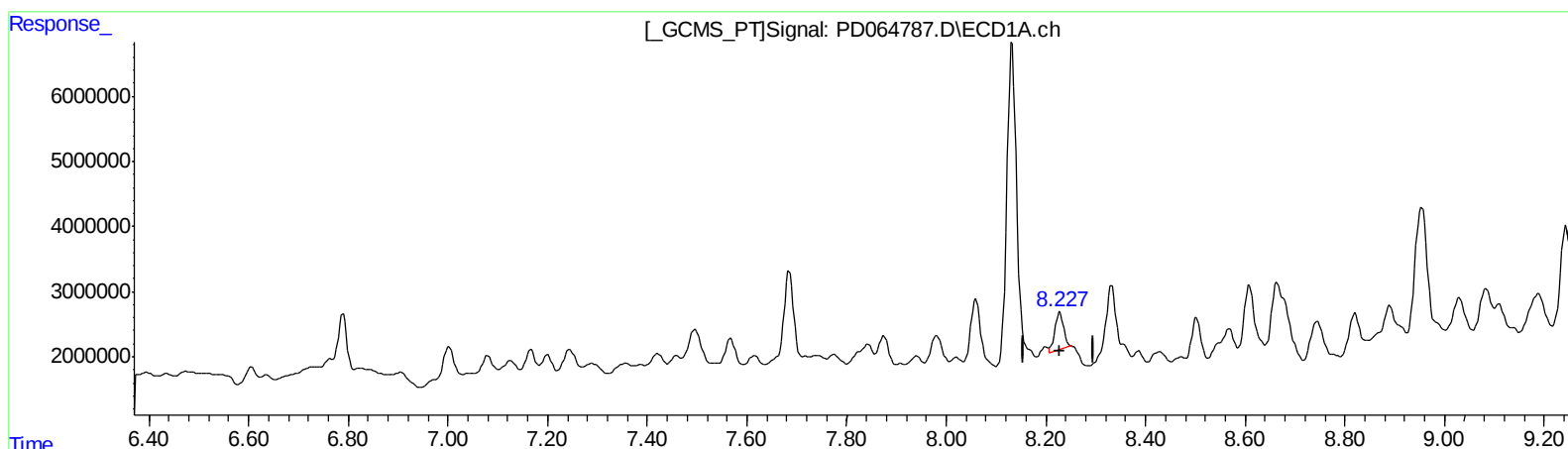
Instrument :
ECD_D
ClientSampleId :
C00C6

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:09 PM

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



(11) cis-Chlordane (B)

8.228min 4.807 ng/ml

response 7490590

(11) cis-Chlordane #2 (B)

7.390min 2.028 ng/ml m

response 18039529

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 12:27
Operator : AR\AJ
Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

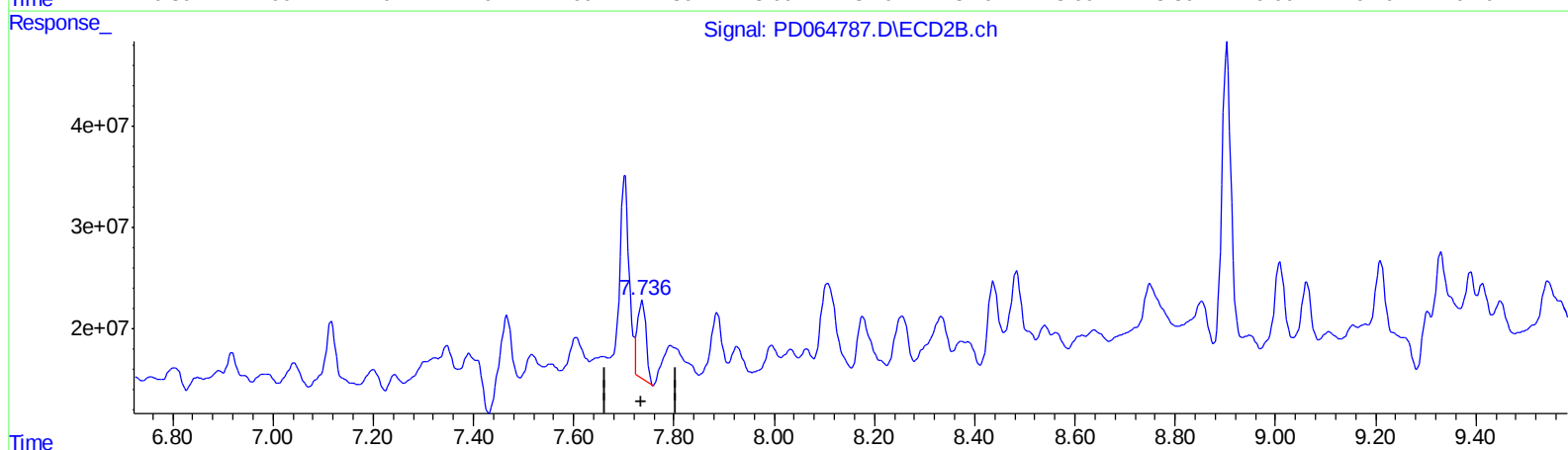
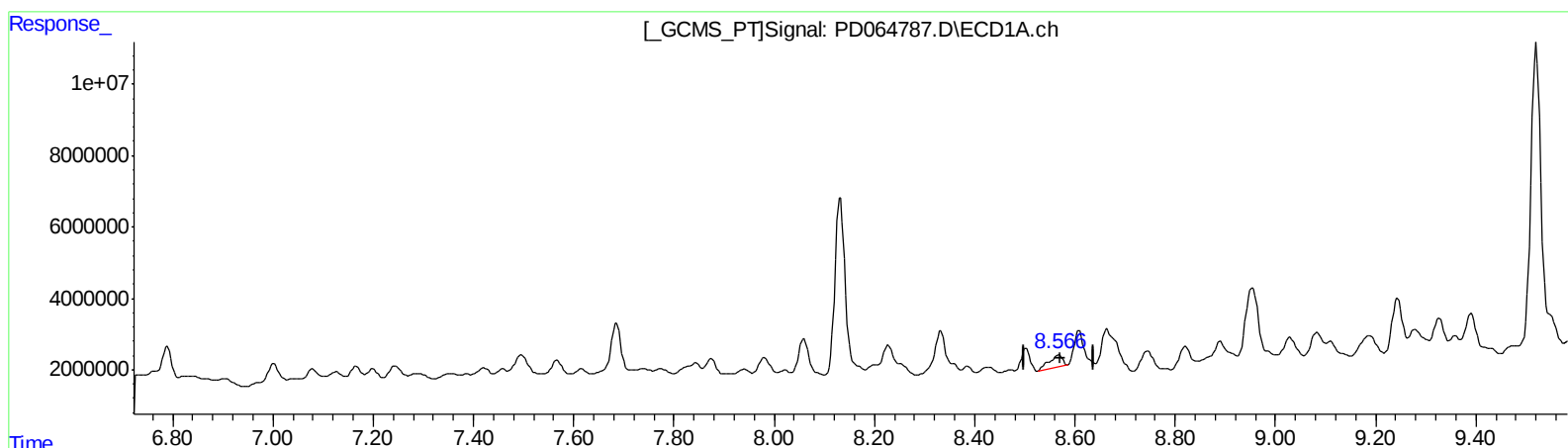
Instrument :
ECD_D
ClientSampleId :
C00C6

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:09 PM

Integration File signal 1: autoint1.e
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QLast Update : Wed Jul 28 07:07:14 2021
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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

(13) Dieldrin (MA)
8.568min 4.088 ng/ml
response 6095918

(13) Dieldrin #2 (MA)
7.737min 11.821 ng/ml
response 94944632

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 12:27
Operator : AR\AJ
Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

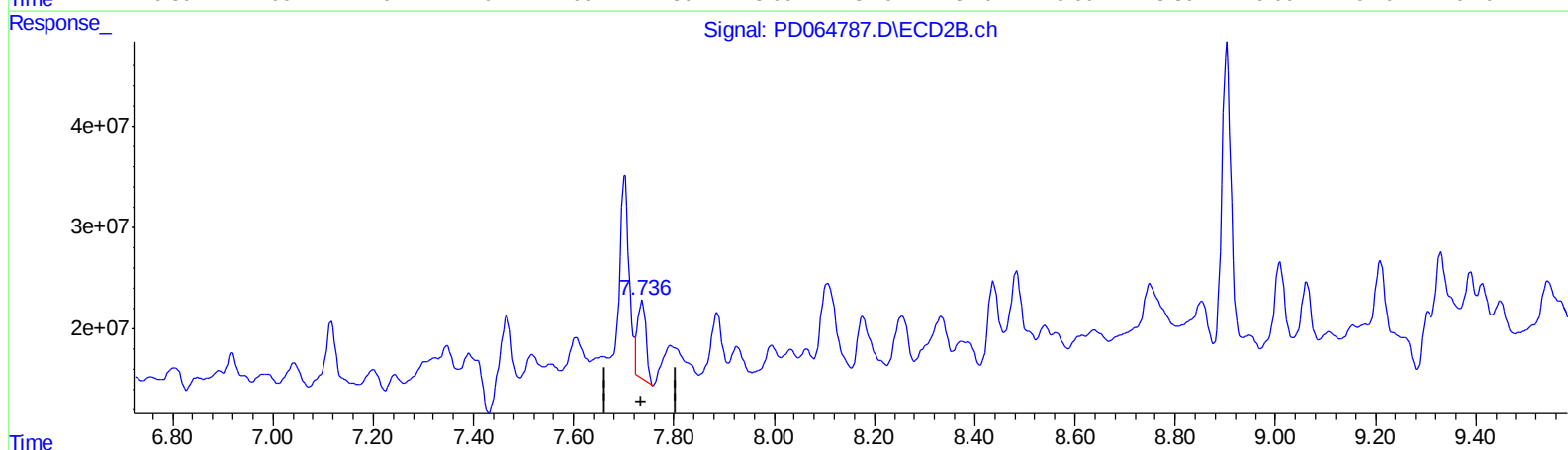
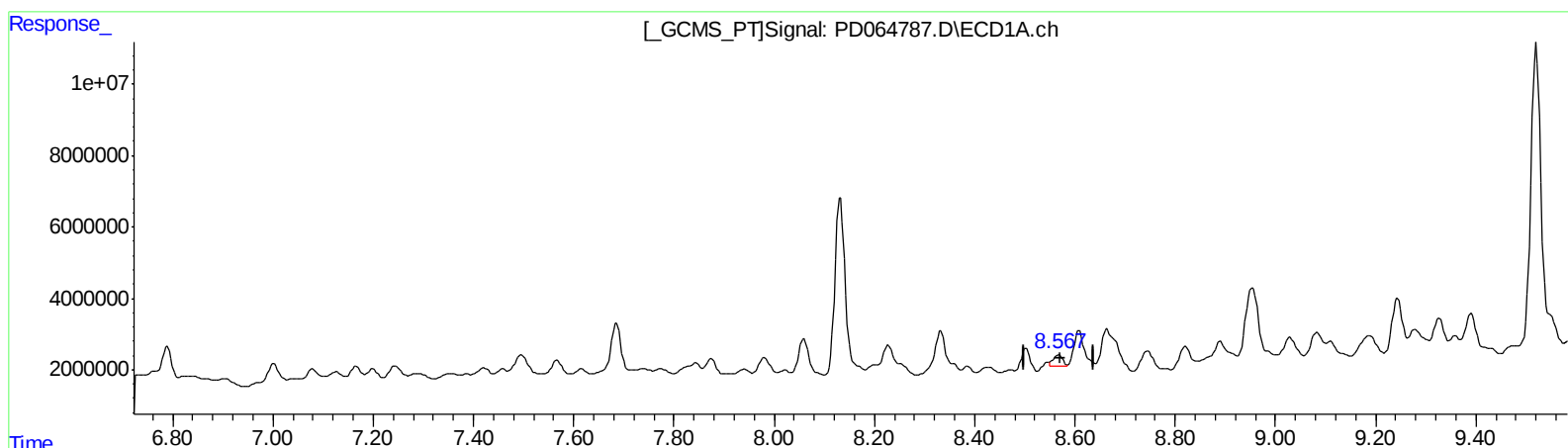
Instrument :
ECD_D
ClientSampleId :
C00C6

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:09 PM

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

(13) Dieldrin (MA)
8.567min 2.660 ng/ml m
response 3966514

(13) Dieldrin #2 (MA)
7.737min 11.821 ng/ml
response 94944632

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

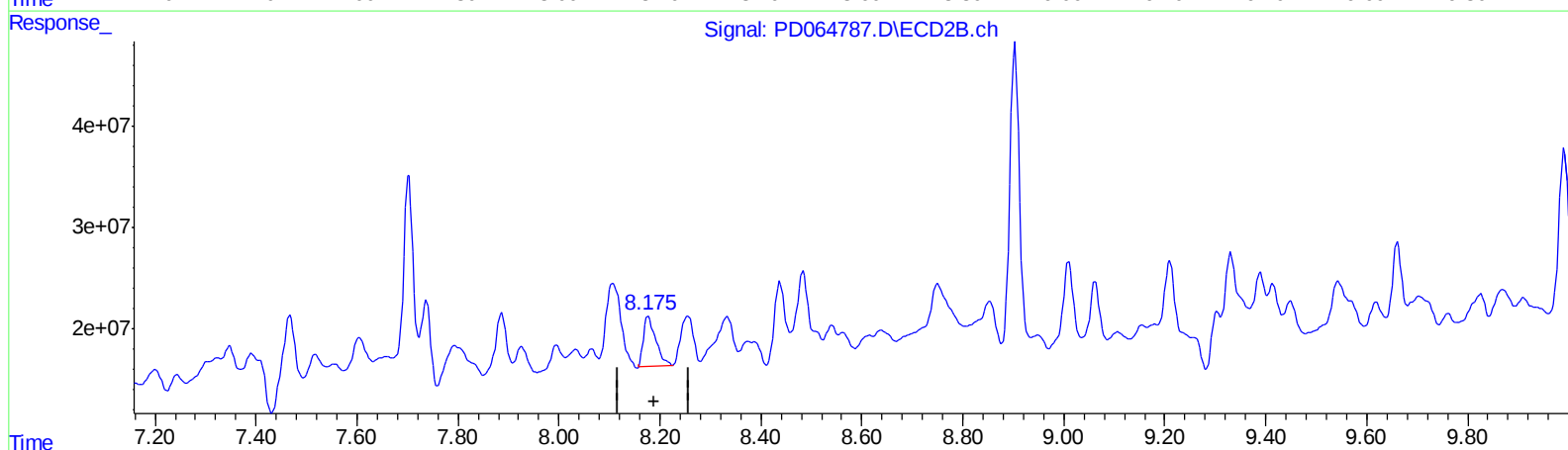
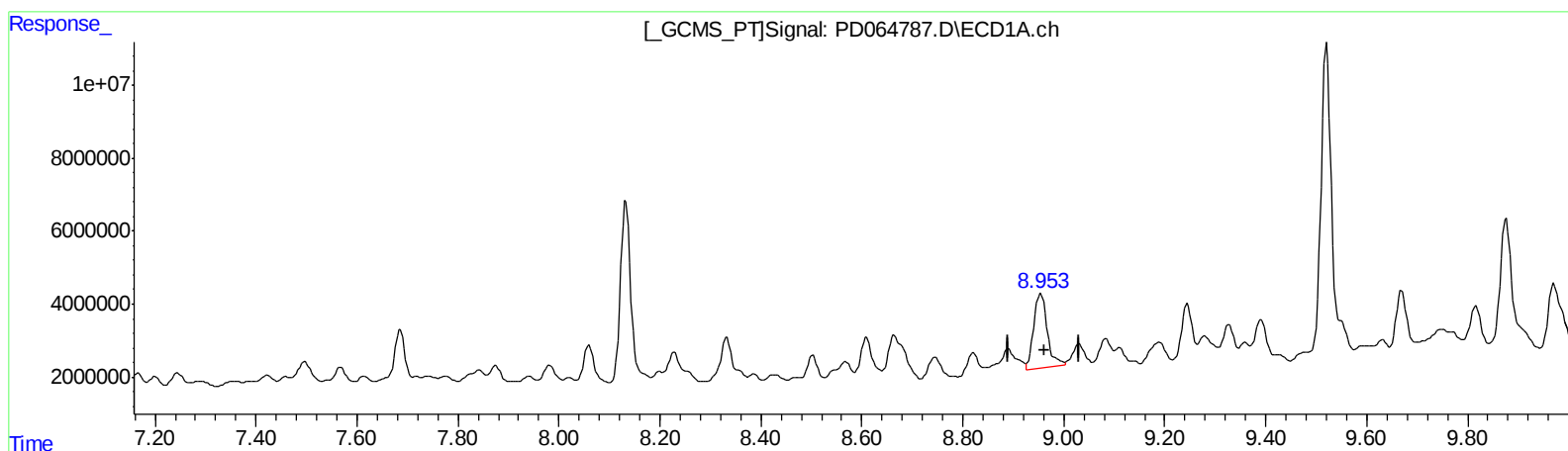
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ECD_D
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C00C6

Manual Integrations
APPROVED

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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

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

8.955min 31.188 ng/ml

response 38285315

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

8.176min 14.630 ng/ml

response 84262040

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 12:27
Operator : AR\AJ
Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

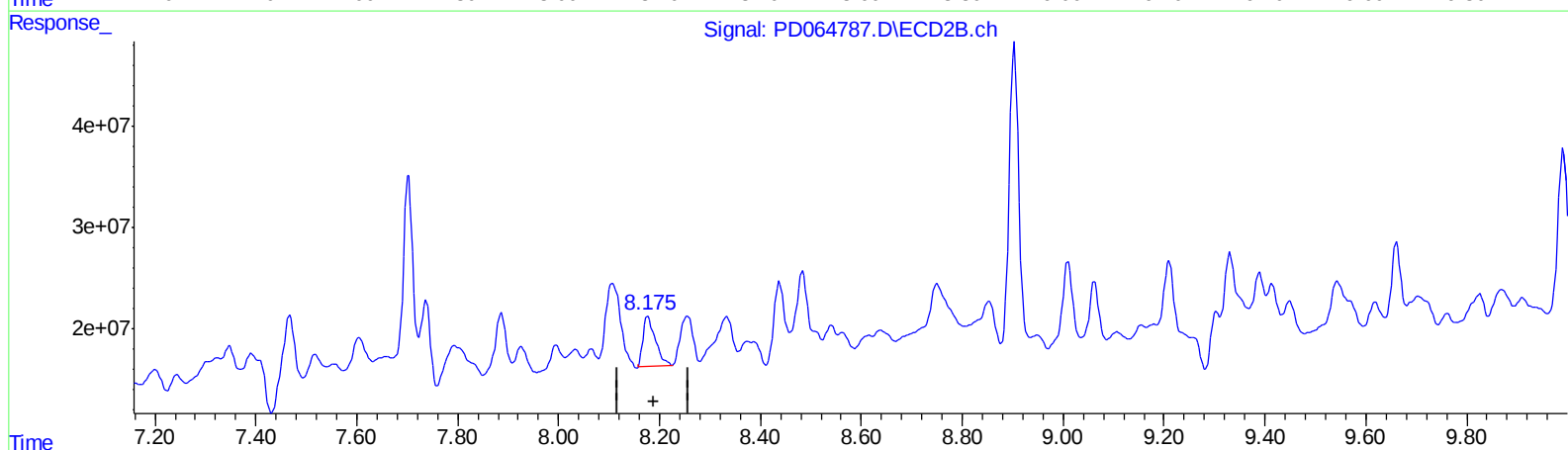
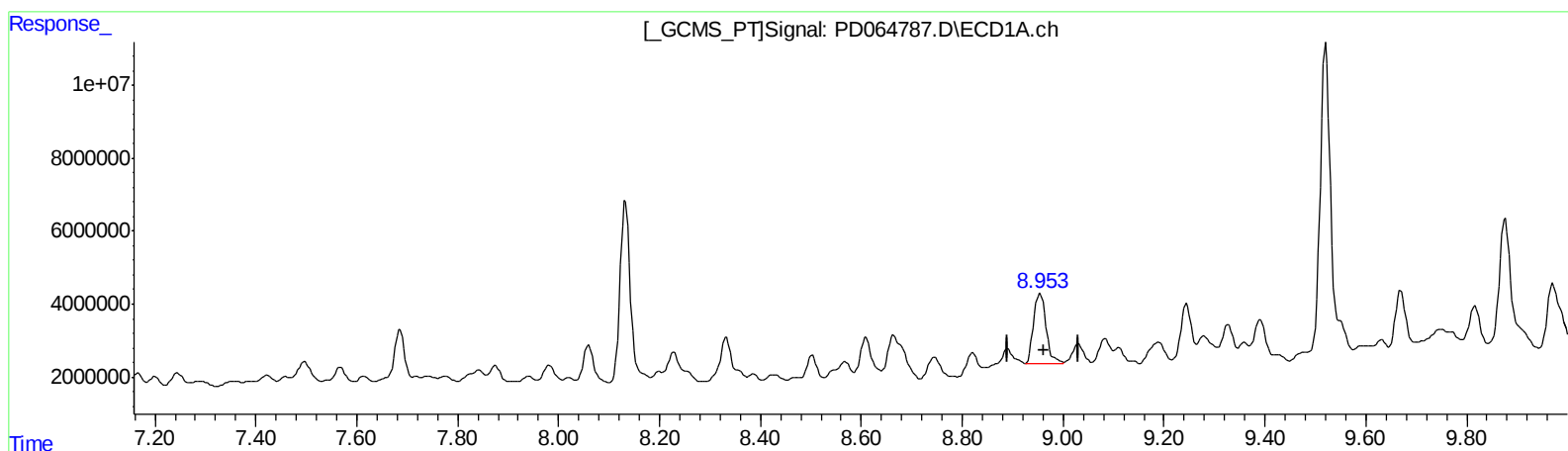
Instrument :
ECD_D
ClientSampleId :
C00C6

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:09 PM

Integration File signal 1: autoint1.e
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Quant Time: Aug 09 04:09:20 2021
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QLast Update : Wed Jul 28 07:07:14 2021
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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

(16) 4,4'-DDD (A)
8.953min 27.307 ng/ml m
response 33520661

(16) 4,4'-DDD #2 (A)
8.176min 14.630 ng/ml
response 84262040

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 12:27
Operator : AR\AJ
Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

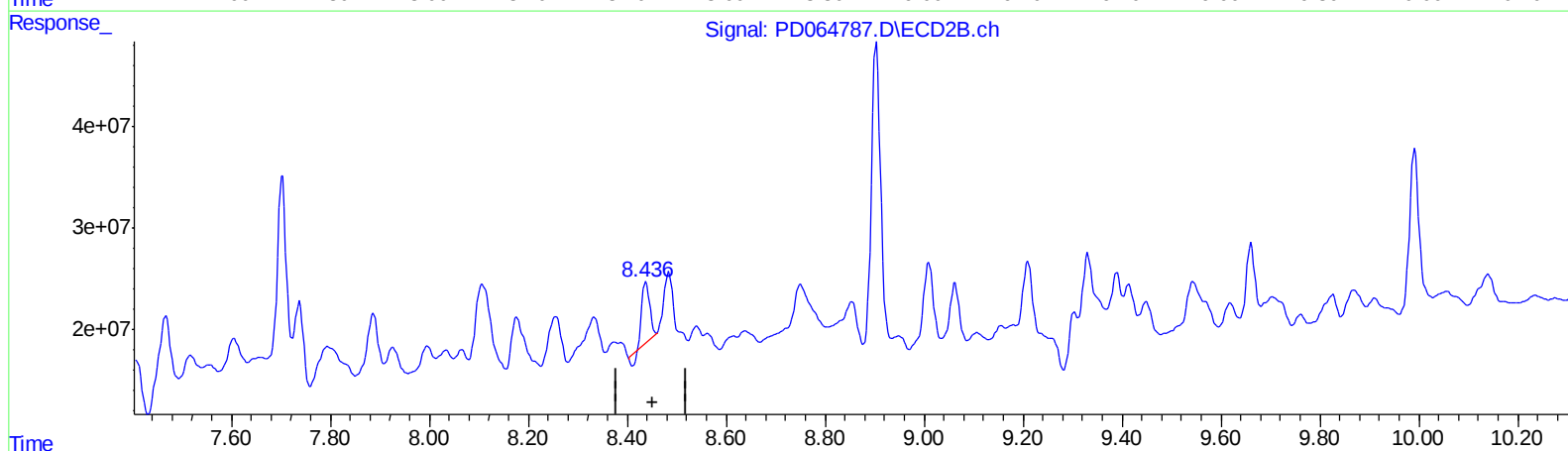
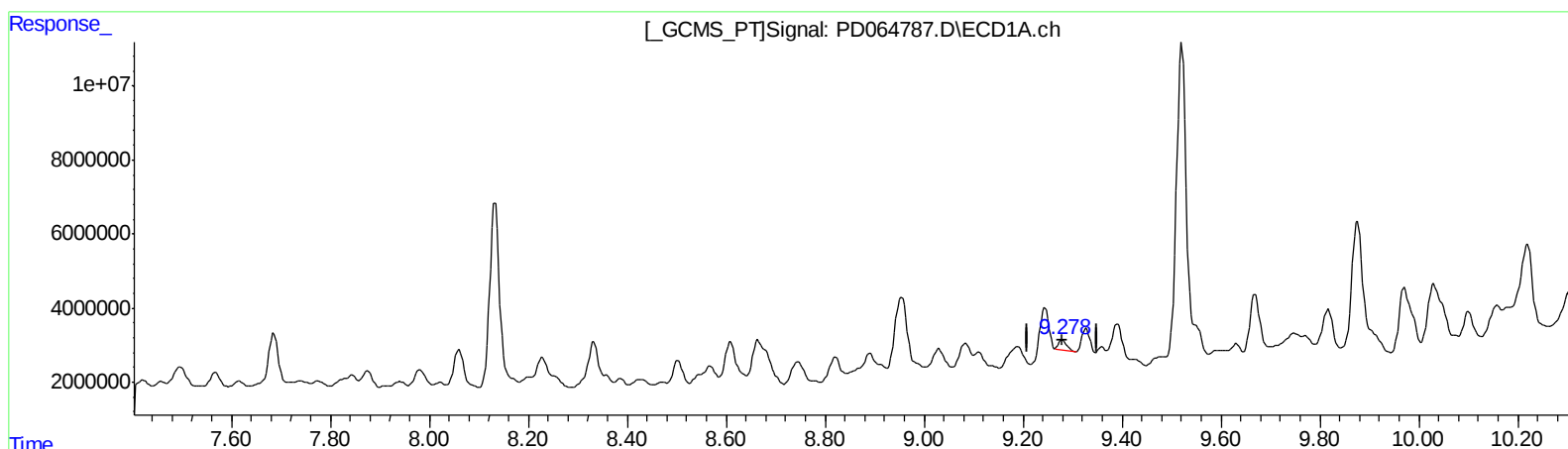
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Manual Integrations
APPROVED

mohammad
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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

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

9.280min 2.308 ng/ml

response 3013100

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

8.438min 10.830 ng/ml

response 59617170

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M3182-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

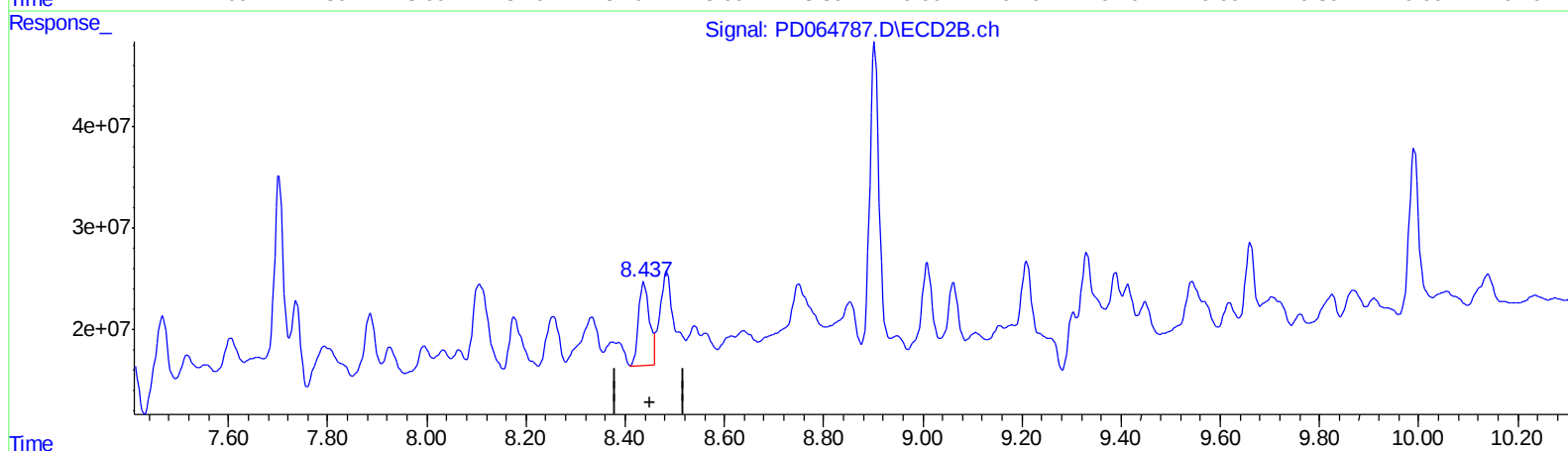
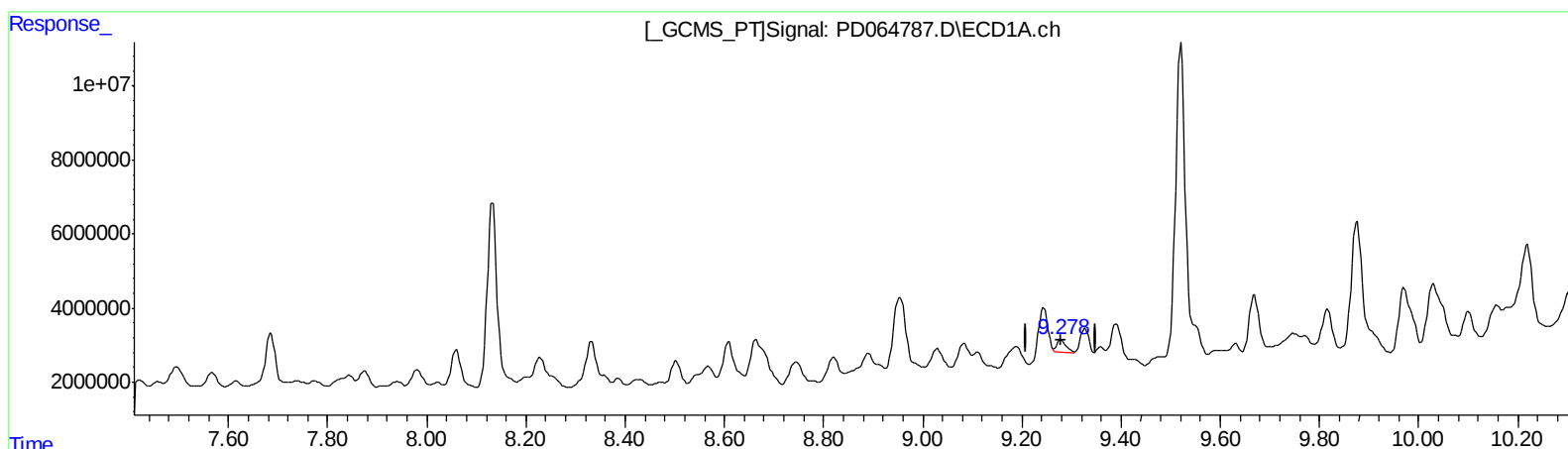
Instrument :
ECD_D
ClientSampleId :
C00C6

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:09 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.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

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

9.278min 3.245 ng/ml m

response 4236086

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

8.437min 22.089 ng/ml m

response 121588919

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
 Data File : PD064787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2021 12:27
 Operator : AR\AJ
 Sample : M3182-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C00C6

Manual Integrations
 APPROVED

mohammad
 8/9/2021 4:53:09 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

1) SA Tetrachlo...	5.405	4.616	18626801	153.4E6	15.615	16.792m
27) SA Decachlor...	11.304	10.359	27515156	148.5E6	20.902	24.970

Target Compounds

6) B beta-BHC	6.637	6.121	748644	44205035	0.960	7.286m#
7) B delta-BHC	6.906	6.358	1154003	31458178	0.663m	2.896 #
8) B Heptachlo...	7.875	7.043	6091580	36740006	3.548	3.969
11) B cis-Chlor...	8.228	7.390	7490590	18039529	4.807	2.028m#
12) B 4,4'-DDE	8.428	7.605	2406124	40569724	1.669	5.377 #
13) MA Dieldrin	8.567	7.737	3966514	94944632	2.660m	11.821 #
14) MA Endrin	8.821	8.034	9550117	13769078	7.459	2.397 #
15) B Endosulfa...	9.030	8.334	8583298	54022997	6.610	9.359 #
16) A 4,4'-DDD	8.953	8.176	33520661	84262040	27.307m	14.630 #
17) MA 4,4'-DDT	9.278	8.437	4236086	121.6E6	3.245m	22.089m#

AJ
 08/13/21

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