

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 07:47
Operator : AR\AJ
Sample : M3082-21
Misc :
ALS Vial : 59 Sample Multiplier: 1

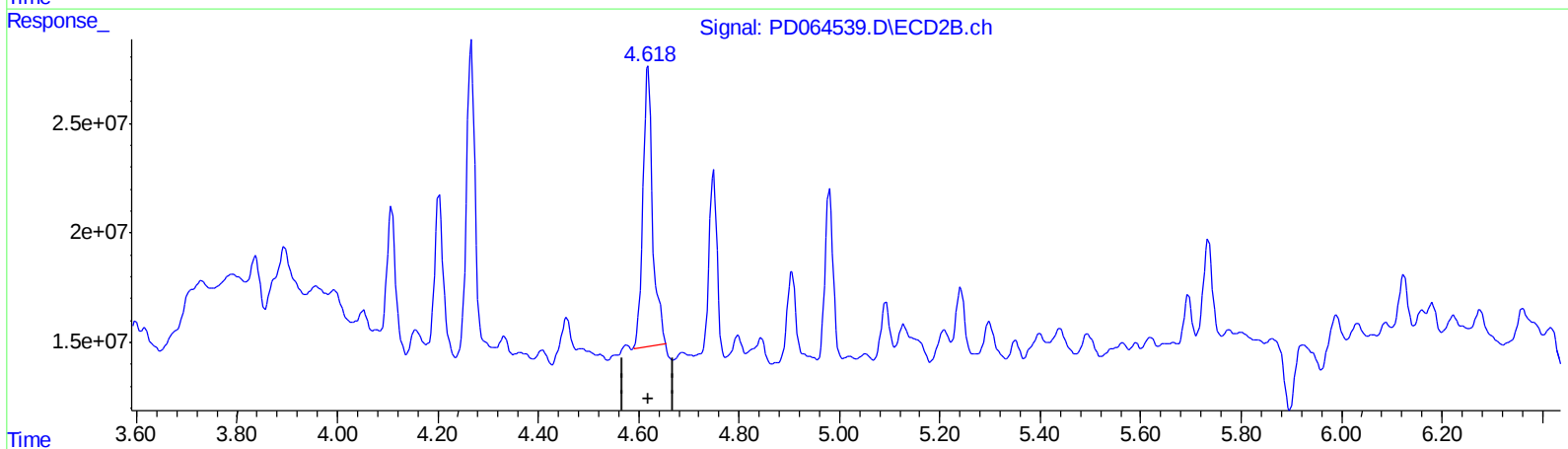
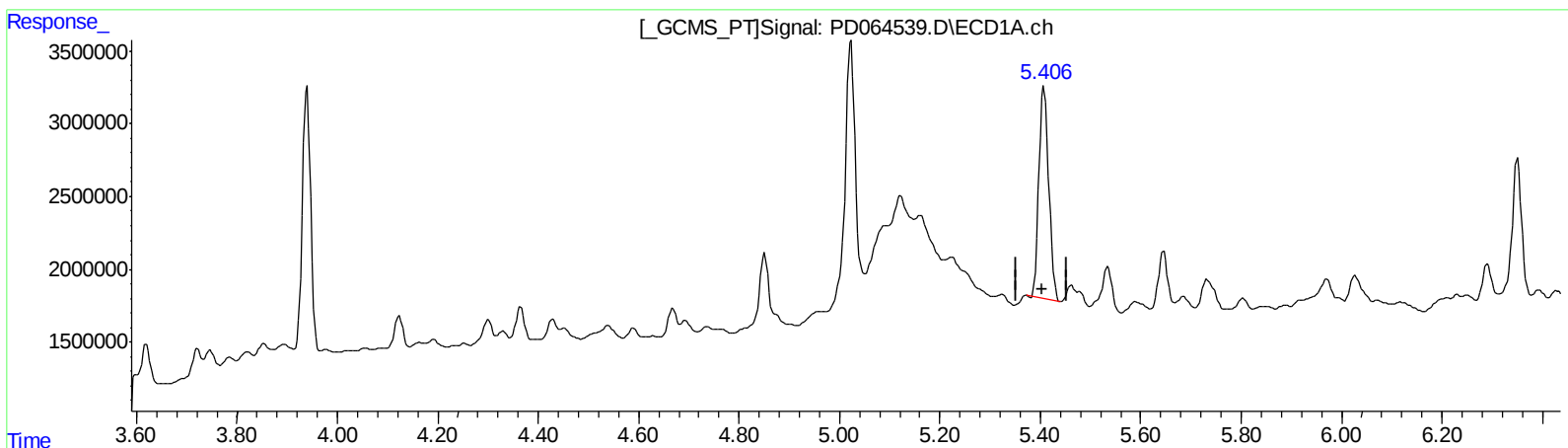
Instrument :
ECD_D
ClientSampleId :
C0019

Manual Integrations
APPROVED

mohammad
7/30/2021 4:50:14 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 09:13:40 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



QEdit

(1) Tetrachloro-m-xylene (SA)

5.407min 16.427 ng/ml

response 19595063

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

4.619min 18.654 ng/ml

response 170454921

(+) = Expected Retention Time

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Sample : M3082-21
Misc :
ALS Vial : 59 Sample Multiplier: 1

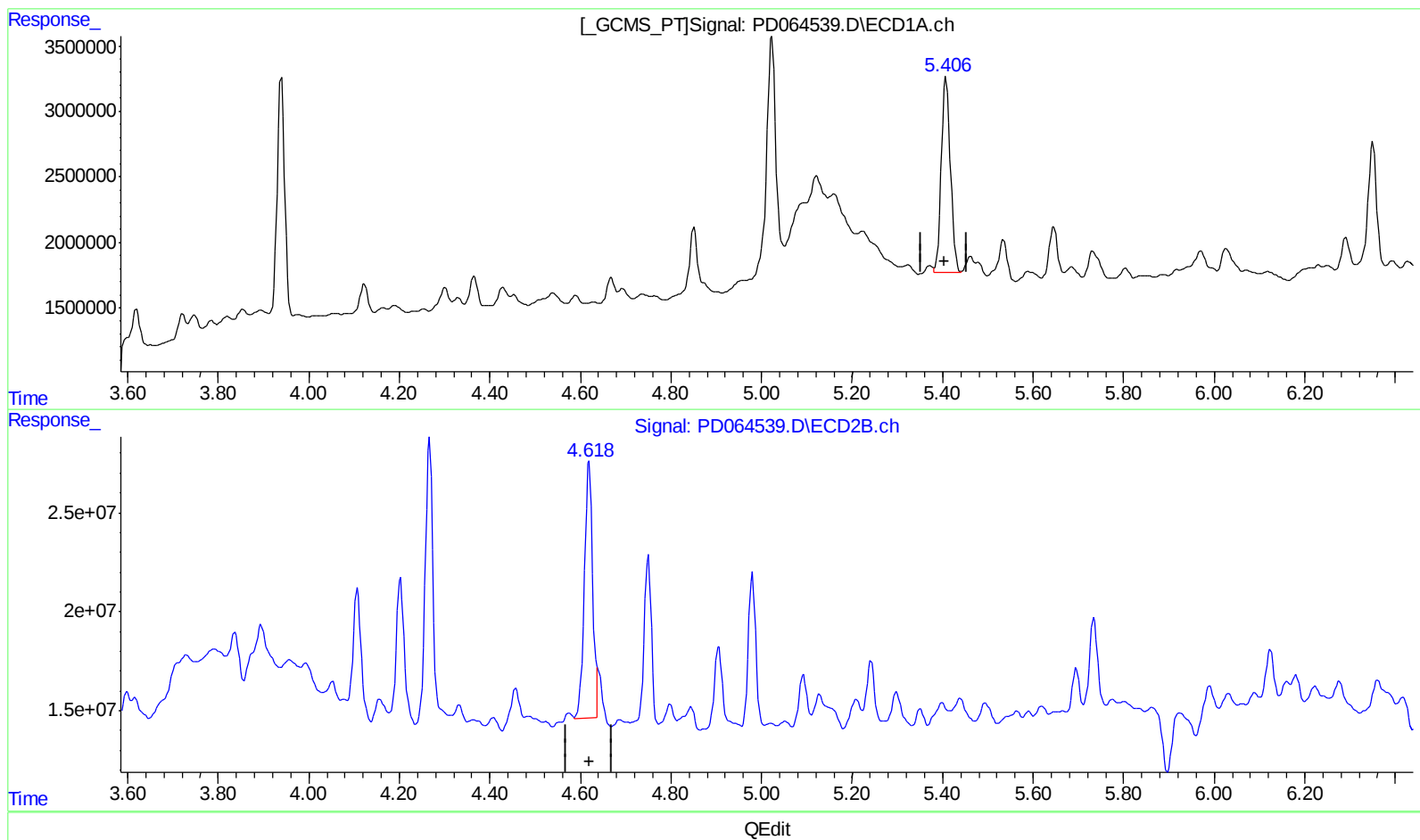
Instrument :
ECD_D
ClientSampled :
C0019

Manual Integrations
APPROVED

mohammad
7/30/2021 4:50:14 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)

5.406min 17.276 ng/ml m

response 20608957

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

4.618min 18.144 ng/ml m

response 165797943

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
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Acq On : 30 Jul 2021 07:47
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Sample : M3082-21
Misc :
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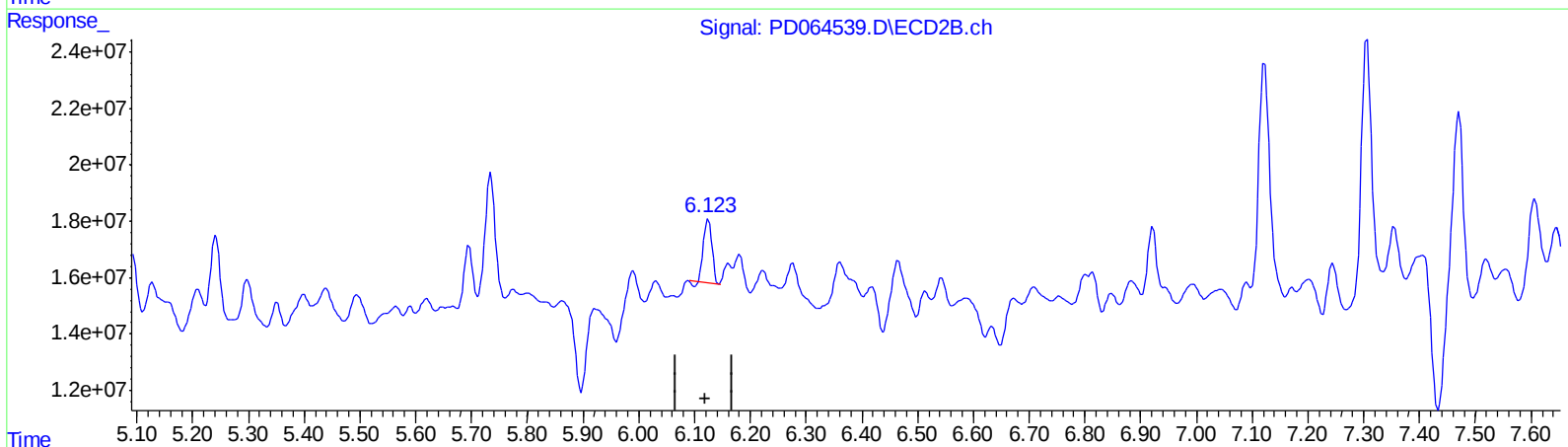
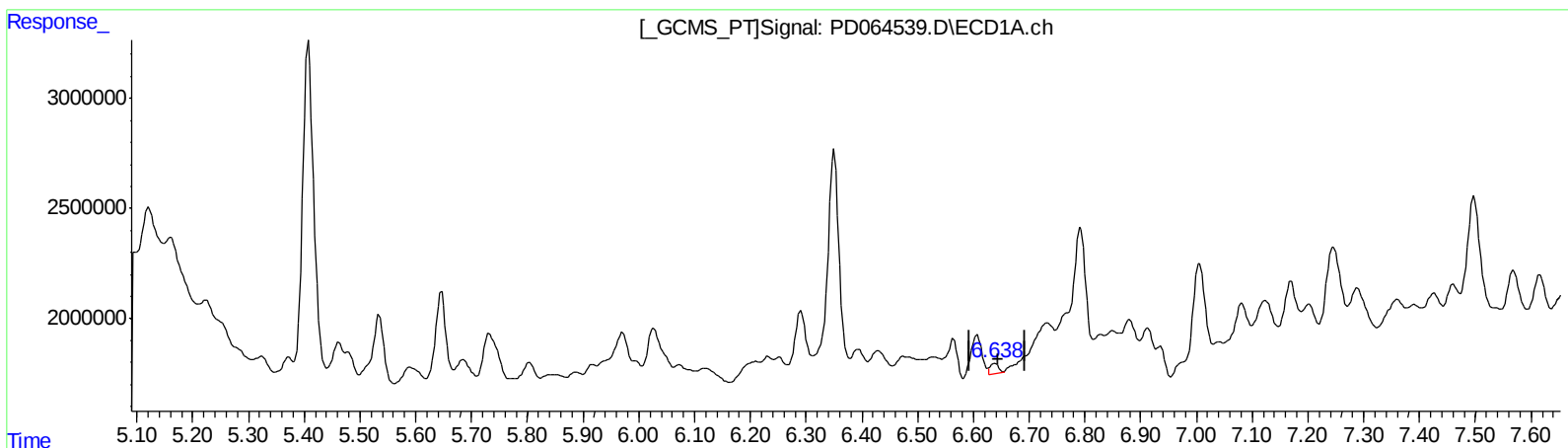
Instrument :
ECD_D
ClientSampled :
C0019

Manual Integrations
APPROVED

mohammad
7/30/2021 4:50:14 PM

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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

(6) beta-BHC (B)

6.640min 0.601 ng/ml

response 468607

(6) beta-BHC #2 (B)

6.124min 3.751 ng/ml

response 22757838

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
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Acq On : 30 Jul 2021 07:47
Operator : AR\AJ
Sample : M3082-21
Misc :
ALS Vial : 59 Sample Multiplier: 1

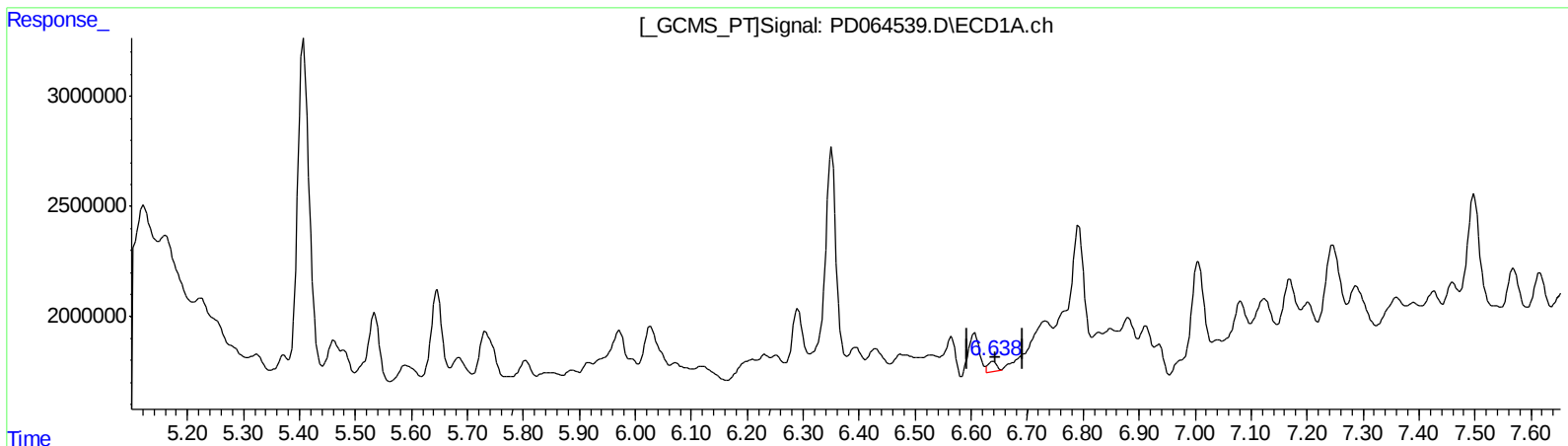
Instrument :
ECD_D
ClientSampleId :
C0019

Manual Integrations
APPROVED

mohammad
7/30/2021 4:50:14 PM

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



(6) beta-BHC (B)

6.640min 0.601 ng/ml

response 468607

(6) beta-BHC #2 (B)

6.123min 4.513 ng/ml m

response 27378570

QEdit

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 07:47
Operator : AR\AJ
Sample : M3082-21
Misc :
ALS Vial : 59 Sample Multiplier: 1

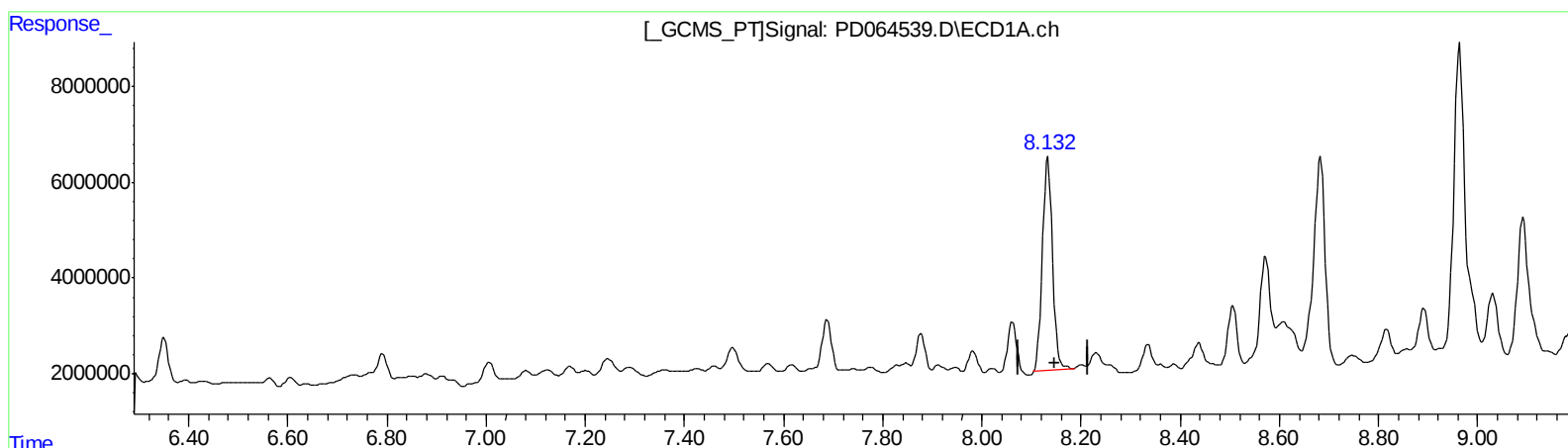
Instrument :
ECD_D
ClientSampled :
C0019

Manual Integrations
APPROVED

mohammad
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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)

8.133min 40.110 ng/ml

response 64274348

(10) trans-Chlordane #2 (B)

7.306min 11.751 ng/ml

response 106580572

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
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Sample : M3082-21
Misc :
ALS Vial : 59 Sample Multiplier: 1

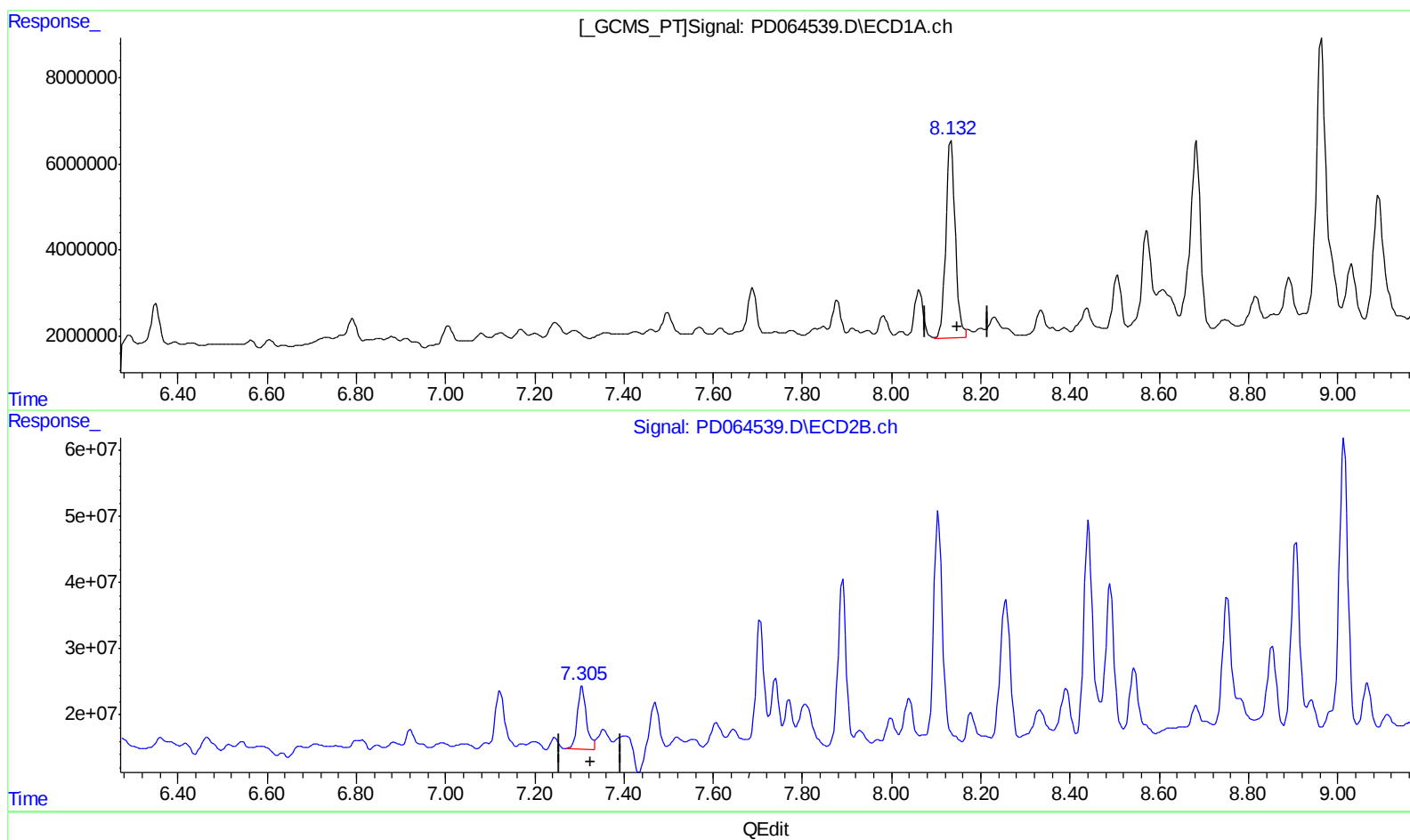
Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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



(10) trans-Chlordane (B)
8.132min 42.043 ng/ml m
response 67372748

(10) trans-Chlordane #2 (B)
7.305min 15.288 ng/ml m
response 138660959

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M3082-21
Misc :
ALS Vial : 59 Sample Multiplier: 1

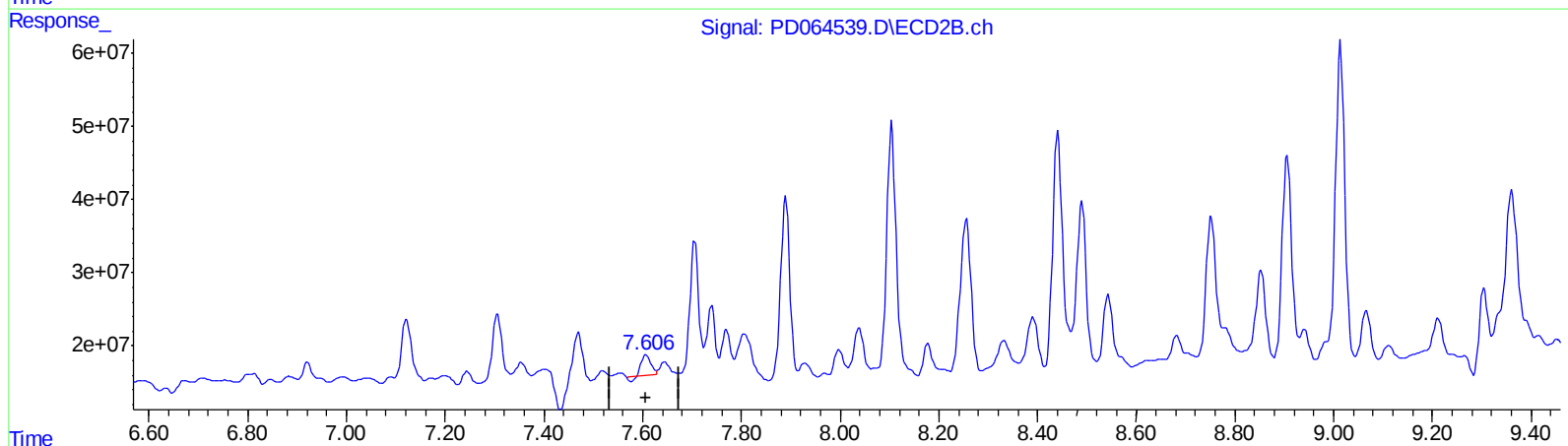
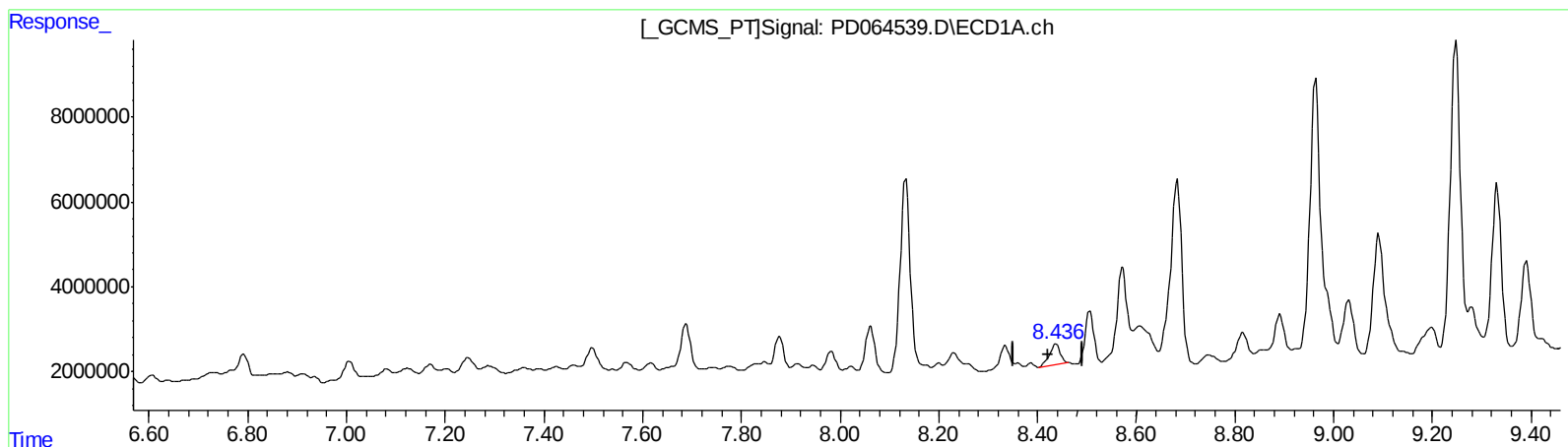
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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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)
8.438min 4.938 ng/ml
response 7116768

(12) 4,4'-DDE #2 (B)
7.607min 4.332 ng/ml
response 32684382

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
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Acq On : 30 Jul 2021 07:47
Operator : AR\AJ
Sample : M3082-21
Misc :
ALS Vial : 59 Sample Multiplier: 1

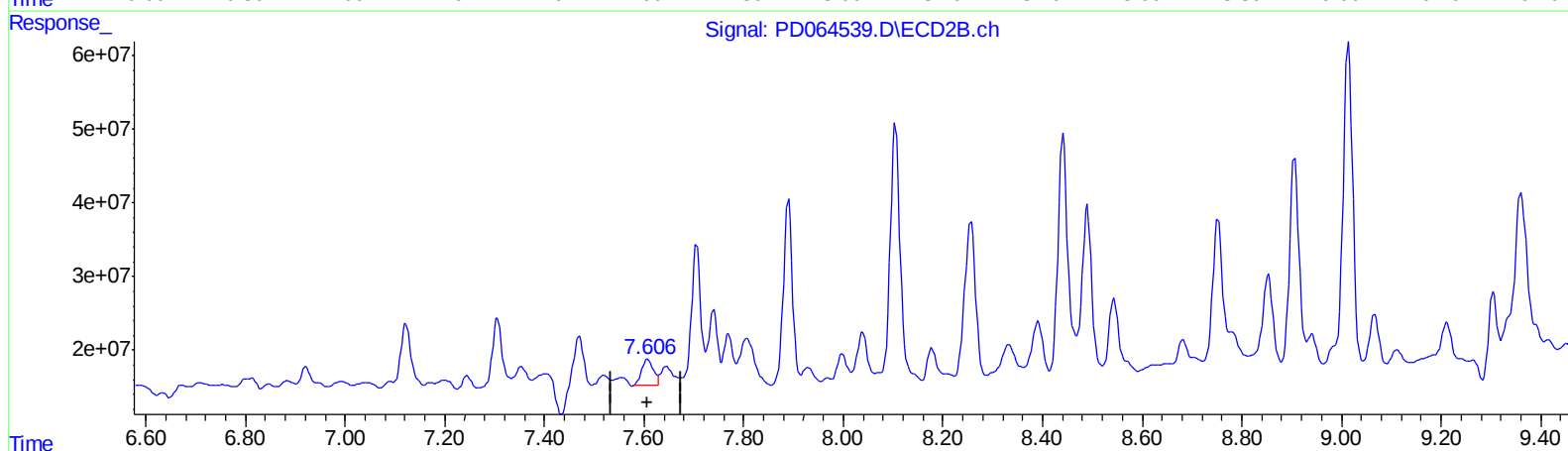
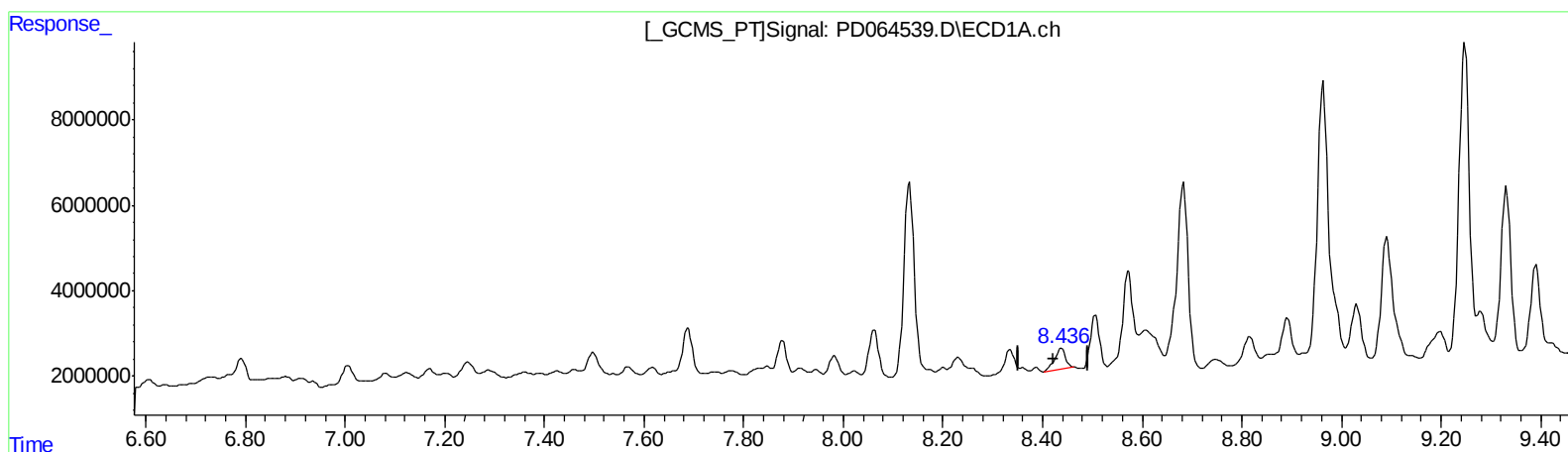
Instrument :
ECD_D
ClientSampleId :
C0019

Manual Integrations
APPROVED

mohammad
7/30/2021 4:50:14 PM

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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)
8.438min 4.938 ng/ml
response 7116768

(12) 4,4'-DDE #2 (B)
7.606min 7.604 ng/ml m
response 57371968

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 07:47
Operator : AR\AJ
Sample : M3082-21
Misc :
ALS Vial : 59 Sample Multiplier: 1

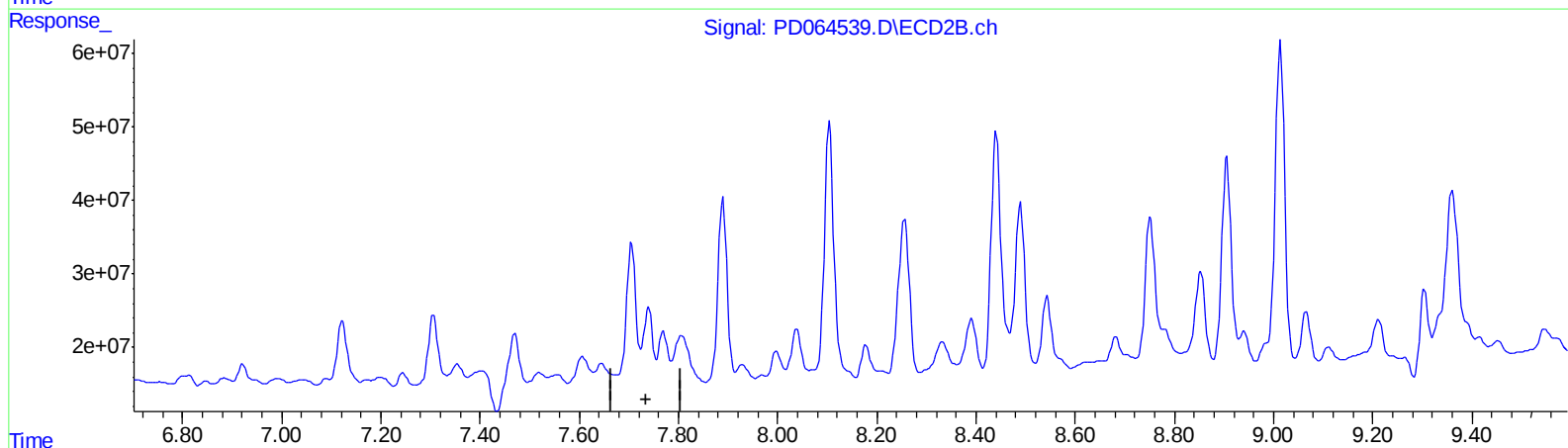
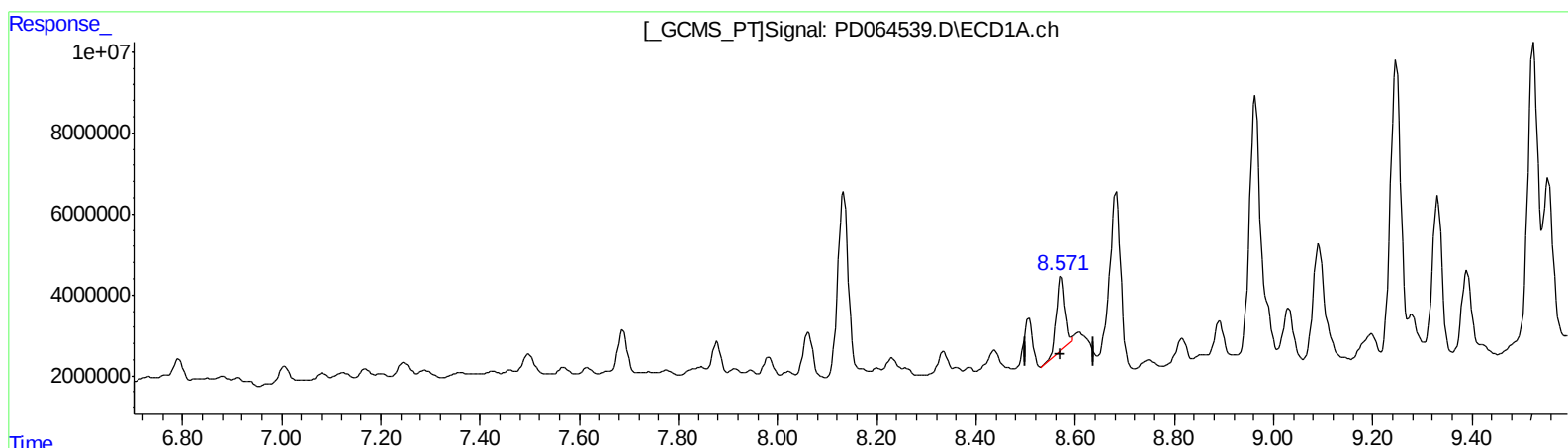
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ECD_D
ClientSampleId :
C0019

Manual Integrations
APPROVED

mohammad
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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

(13) Dieldrin (MA)
8.572min 14.586 ng/ml
response 21751815

(13) Dieldrin #2 (MA)
7.740min -3.348 ng/ml
response -26889680

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 07:47
Operator : AR\AJ
Sample : M3082-21
Misc :
ALS Vial : 59 Sample Multiplier: 1

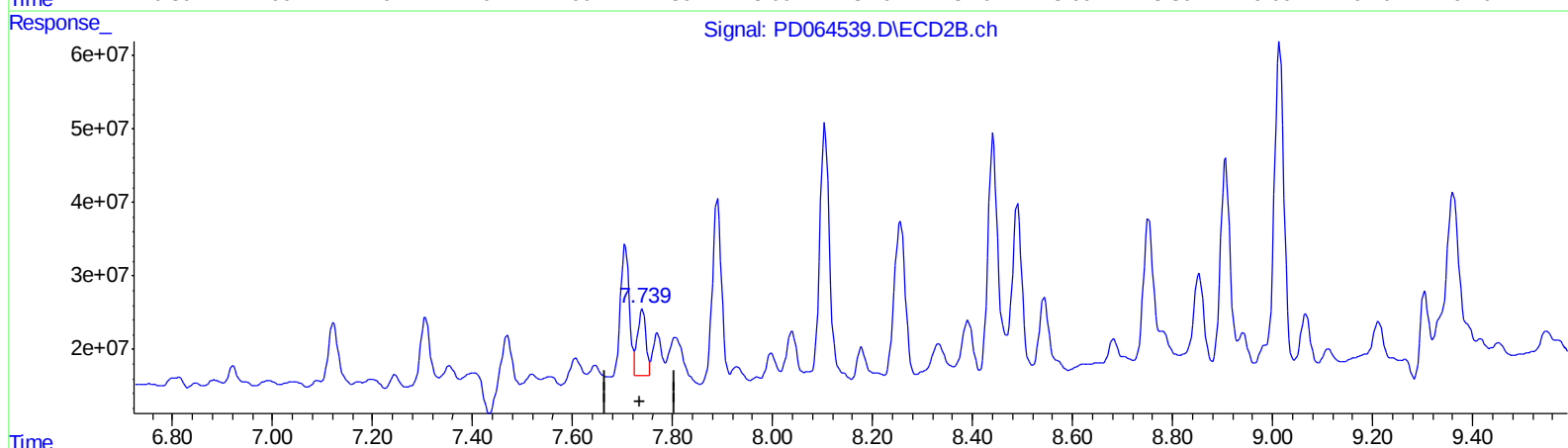
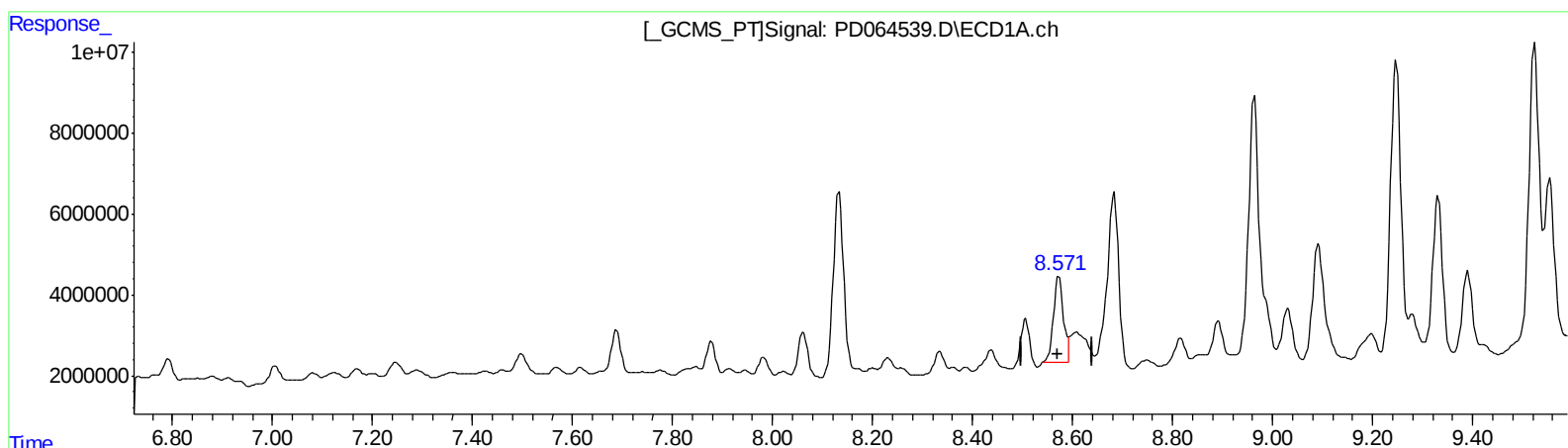
Instrument :
ECD_D
ClientSampled :
C0019

Manual Integrations
APPROVED

mohammad
7/30/2021 4:50:14 PM

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



QEdit

(13) Dieldrin (MA)
8.571min 20.006 ng/ml m
response 29833898

(13) Dieldrin #2 (MA)
7.739min 13.440 ng/ml m
response 107950464

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M3082-21
Misc :
ALS Vial : 59 Sample Multiplier: 1

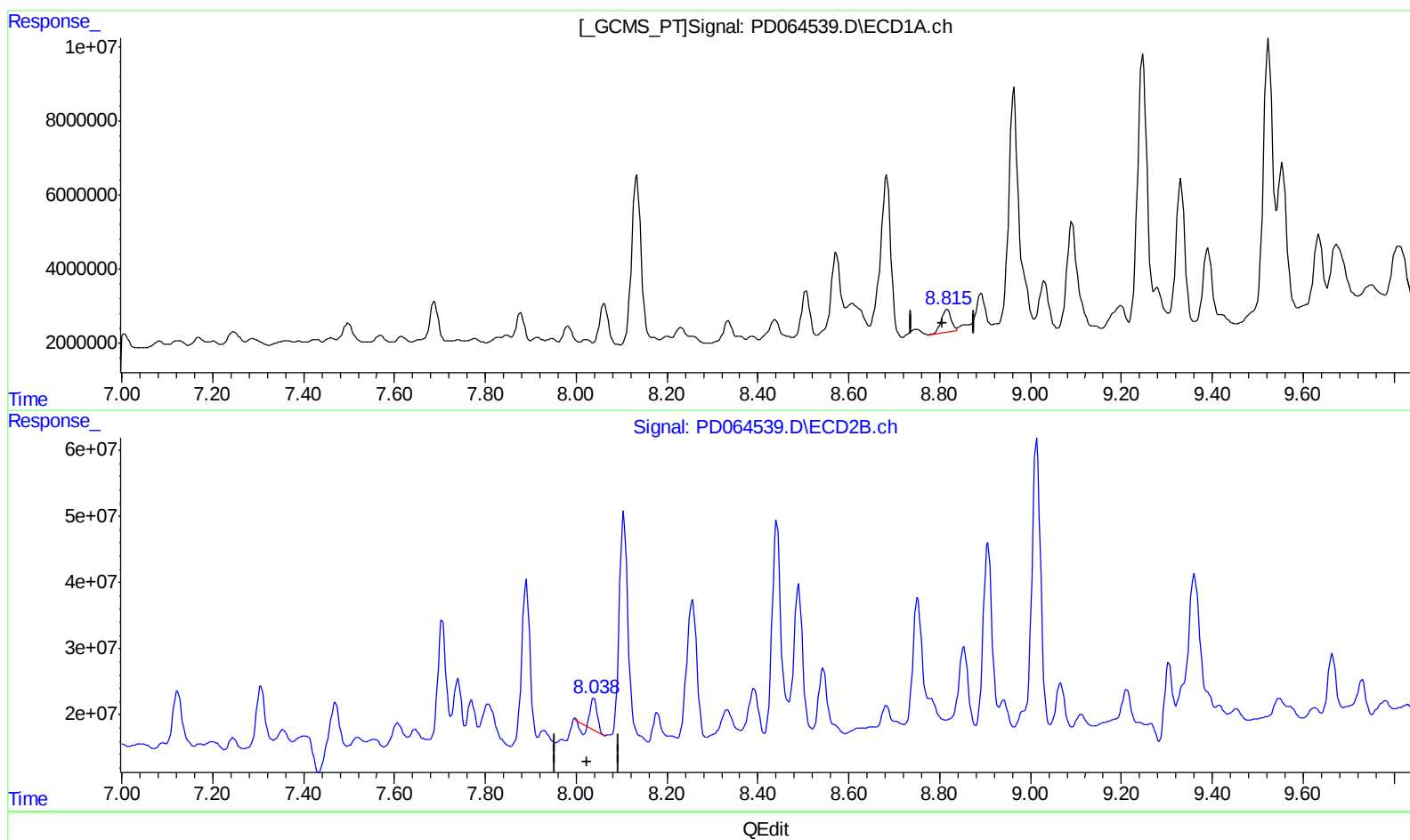
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ClientSampleId :
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Manual Integrations
APPROVED

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



(14) Endrin (MA)

8.816min 6.865 ng/ml

response 8790164

(14) Endrin #2 (MA)

8.039min 6.732 ng/ml

response 38670889

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
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Sample : M3082-21
Misc :
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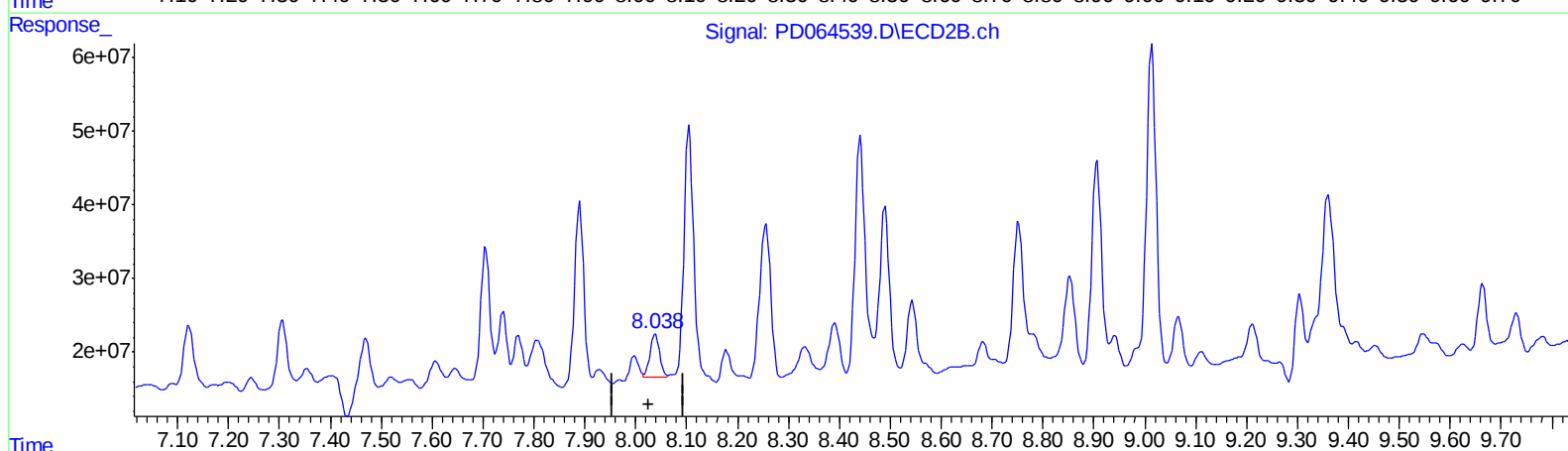
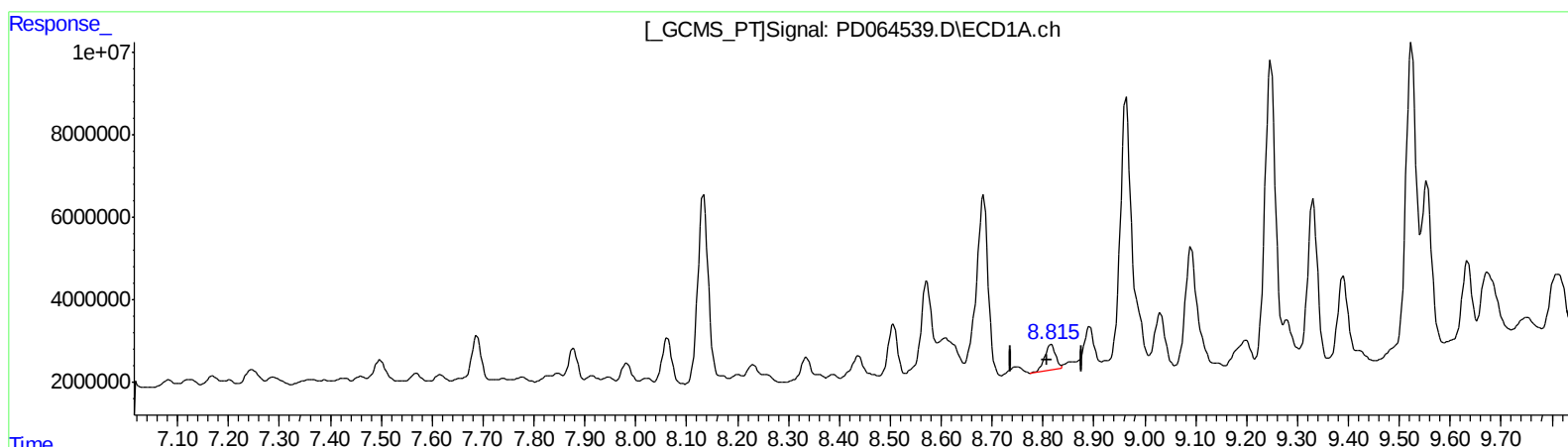
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ClientSampleId :
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Manual Integrations
APPROVED

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



QEdit

(14) Endrin (MA)

8.816min 6.865 ng/ml

response 8790164

(14) Endrin #2 (MA)

8.038min 13.057 ng/ml m

response 75007113

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 07:47
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Sample : M3082-21
Misc :
ALS Vial : 59 Sample Multiplier: 1

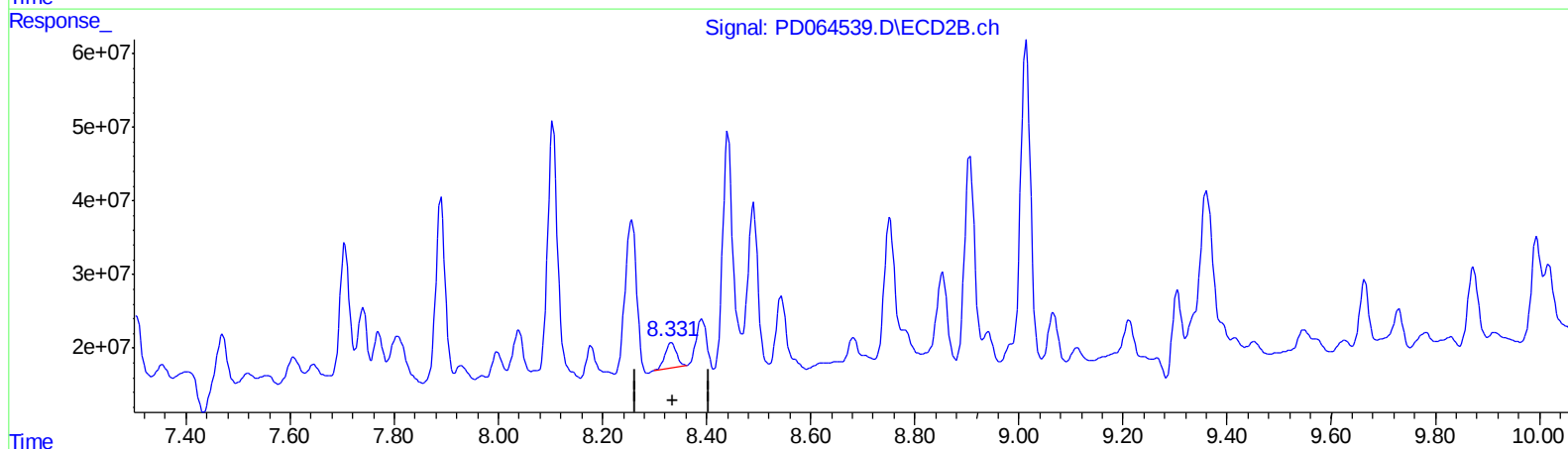
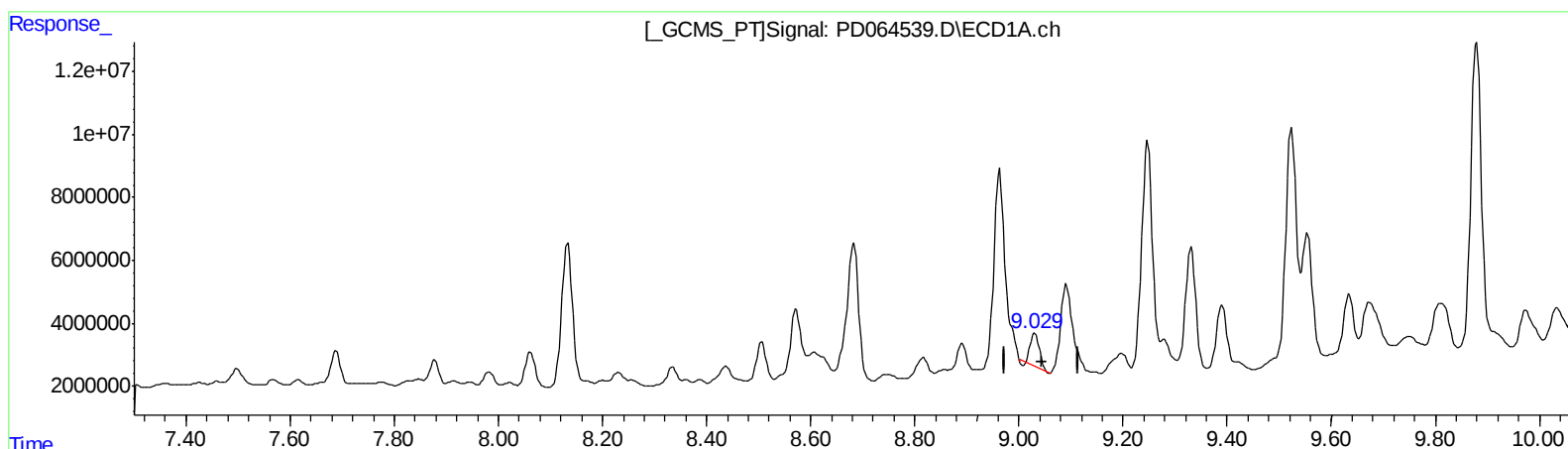
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Manual Integrations
APPROVED

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

(15) Endosulfan II (B)
9.031min 9.395 ng/ml
response 12199817

(15) Endosulfan II #2 (B)
8.332min 8.806 ng/ml
response 50830186

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
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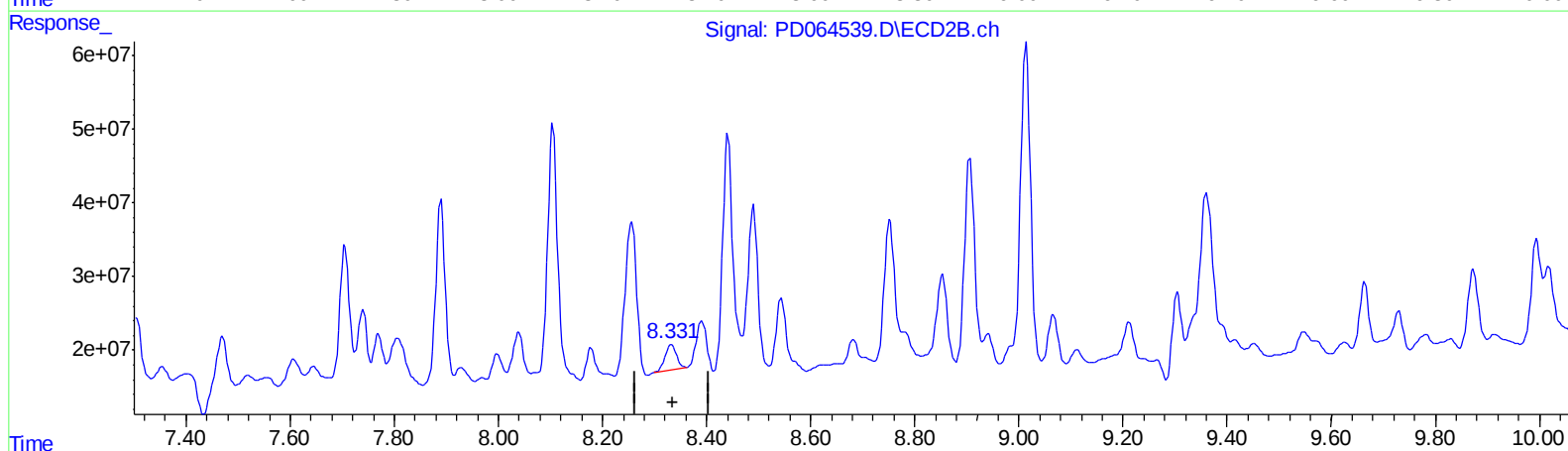
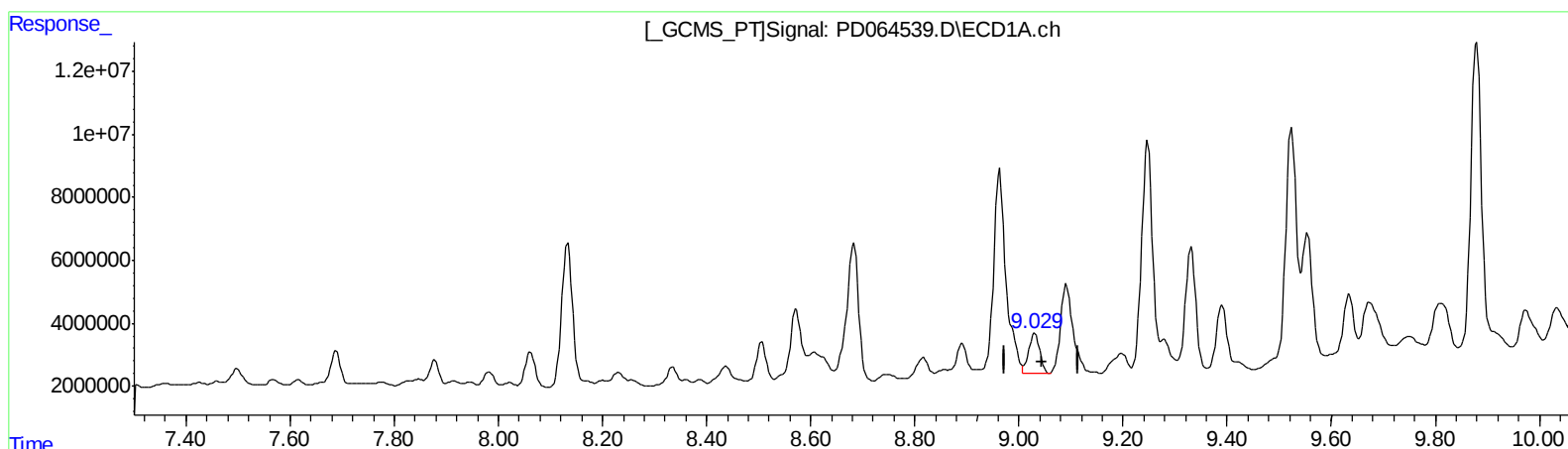
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
7/30/2021 4:50:14 PM

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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

(15) Endosulfan II (B)
9.029min 14.369 ng/ml m
response 18659195

(15) Endosulfan II #2 (B)
8.332min 8.806 ng/ml
response 50830186

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
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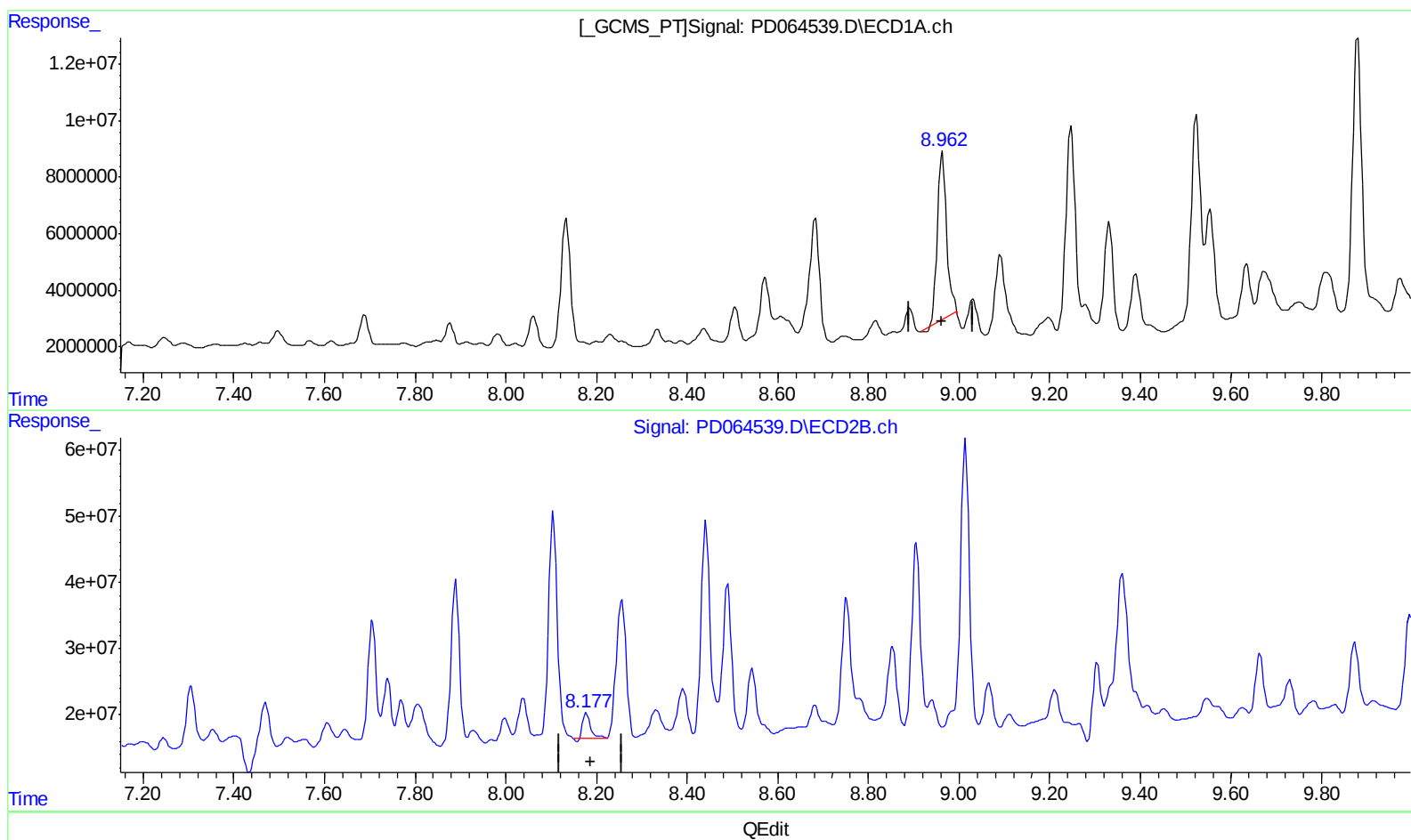
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Manual Integrations
APPROVED

mohammad
7/30/2021 4:50:14 PM

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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



(16) 4,4'-DDD (A)
8.963min 67.718 ng/ml
response 83127307

(16) 4,4'-DDD #2 (A)
8.178min 7.686 ng/ml
response 44267709

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 07:47
Operator : AR\AJ
Sample : M3082-21
Misc :
ALS Vial : 59 Sample Multiplier: 1

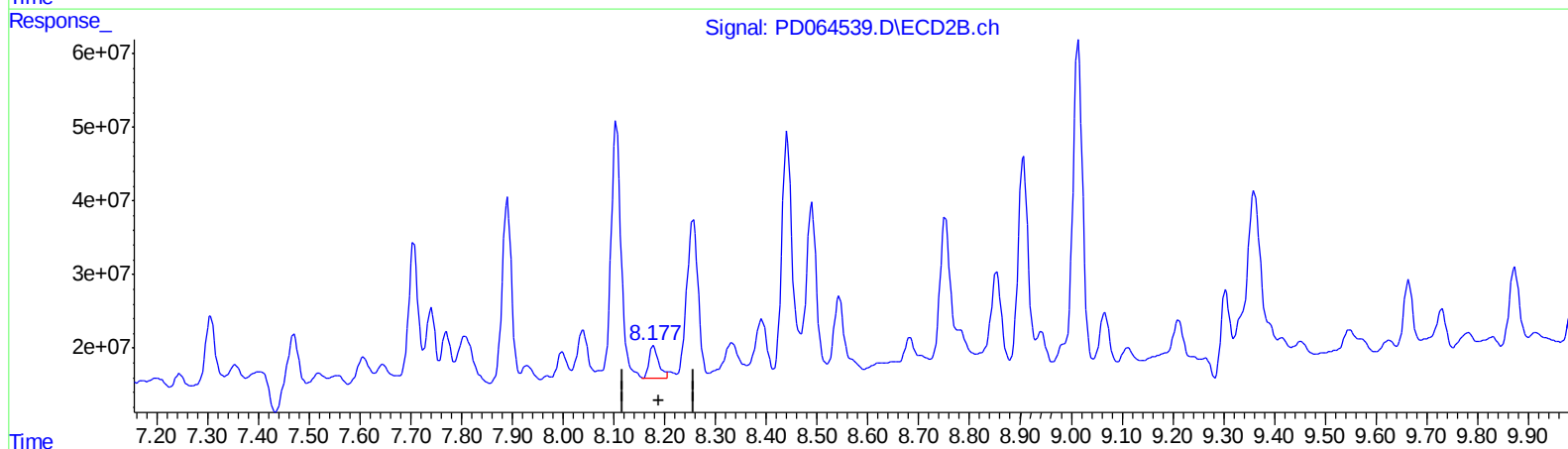
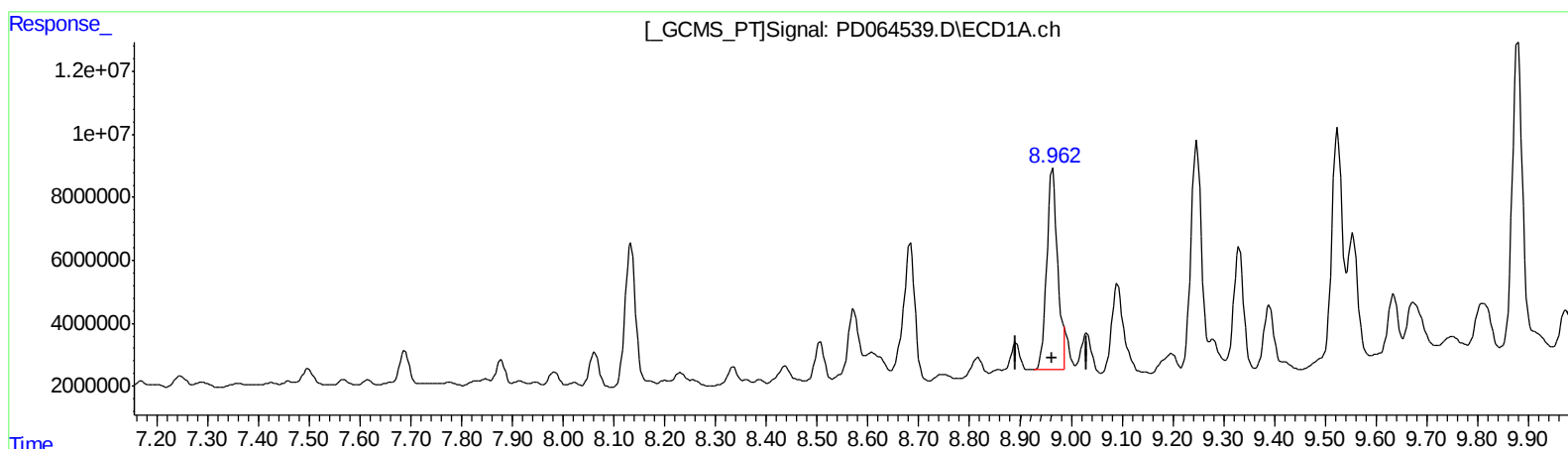
Instrument :
ECD_D
ClientSampleId :
C0019

Manual Integrations
APPROVED

mohammad
7/30/2021 4:50:14 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 09:13:40 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



QEdit

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

8.962min 75.686 ng/ml m

response 92907617

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

8.177min 10.006 ng/ml m

response 57628633

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
 Data File : PD064539.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 07:47
 Operator : AR\AJ
 Sample : M3082-21
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0019

Manual Integrations
 APPROVED

mohammad
 7/30/2021 4:50:14 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

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

System Monitoring Compounds						
1) SA Tetrachlo...	5.406	4.618	20608957	165.8E6	17.276m	18.144m
27) SA Decachlor...	11.311	10.363	22757698	124.8E6	17.288	20.990
Target Compounds						
10) B trans-Chl...	8.132	7.305	67372748	138.7E6	42.043m	15.288m#
12) B 4,4'-DDE	8.438	7.606	7116768	57371968	4.938	7.604m#
13) MA Dieldrin	8.571	7.739	29833898	108.0E6	20.006m	13.440m#
14) MA Endrin	8.816	8.038	8790164	75007113	6.865	13.057m#
15) B Endosulfa...	9.029	8.332	18659195	50830186	14.369m	8.806 #
16) A 4,4'-DDD	8.962	8.177	92907617	57628633	75.686m	10.006m#

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

AJ
 08/03/21