

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 05:17
Operator : AR\AJ
Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

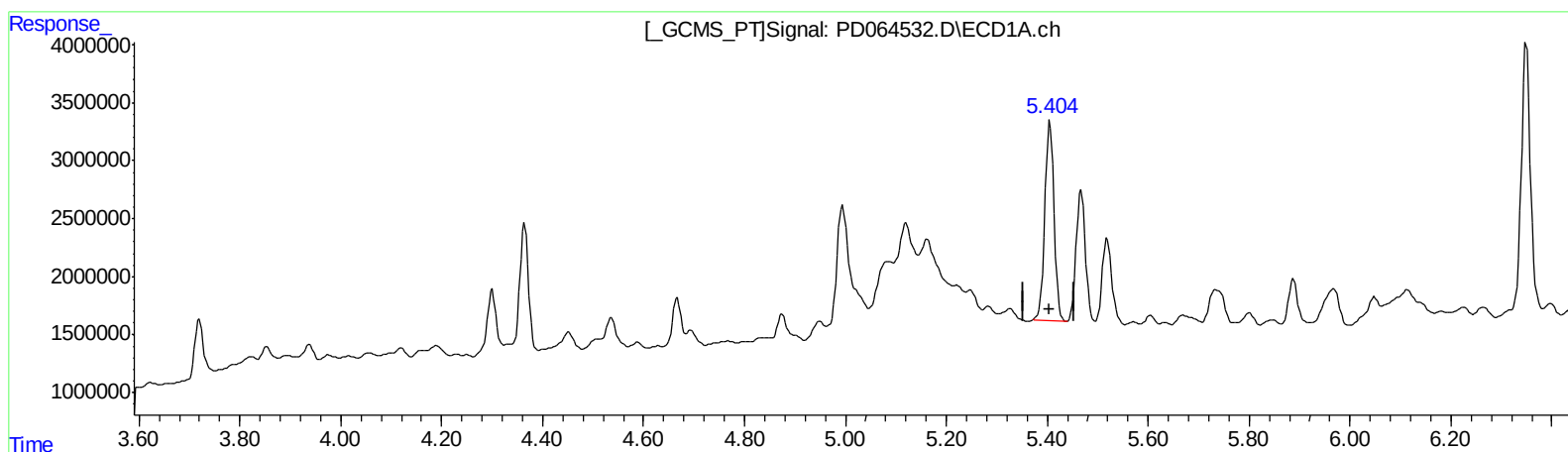
Instrument :
ECD_D
ClientSampleId :
C0011

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:41 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:59 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 18.146 ng/ml

response 21646217

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

4.620min 23.107 ng/ml

response 211143447

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 05:17
Operator : AR\AJ
Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

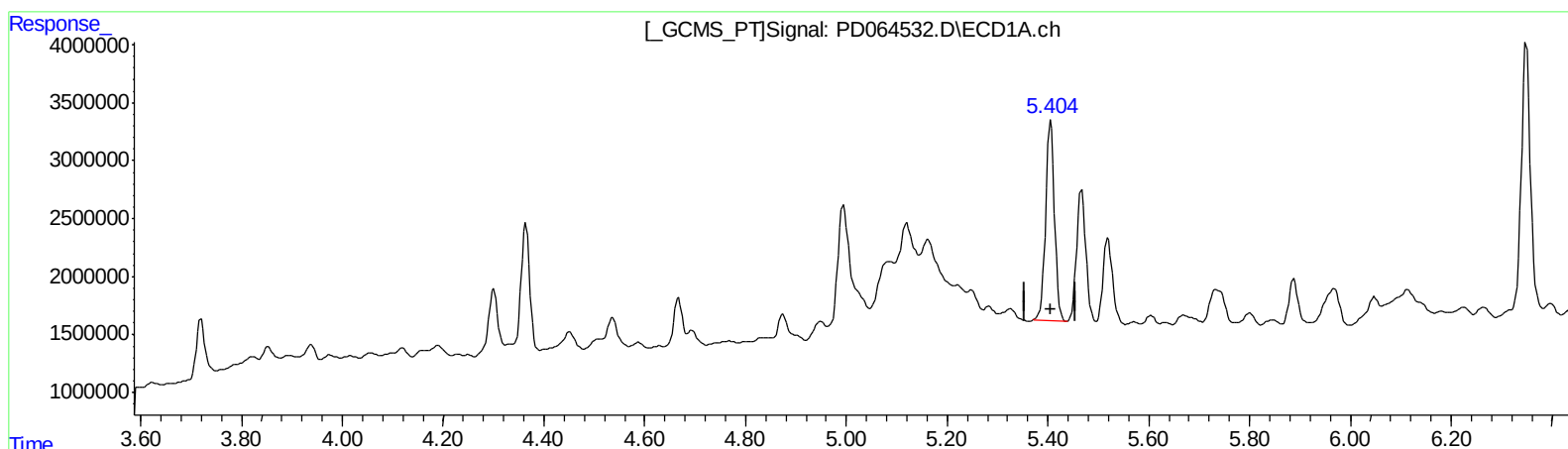
Instrument :
ECD_D
ClientSampleId :
C0011

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:41 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 18.146 ng/ml

response 21646217

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

4.618min 19.830 ng/ml m

response 181202146

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 05:17
Operator : AR\AJ
Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

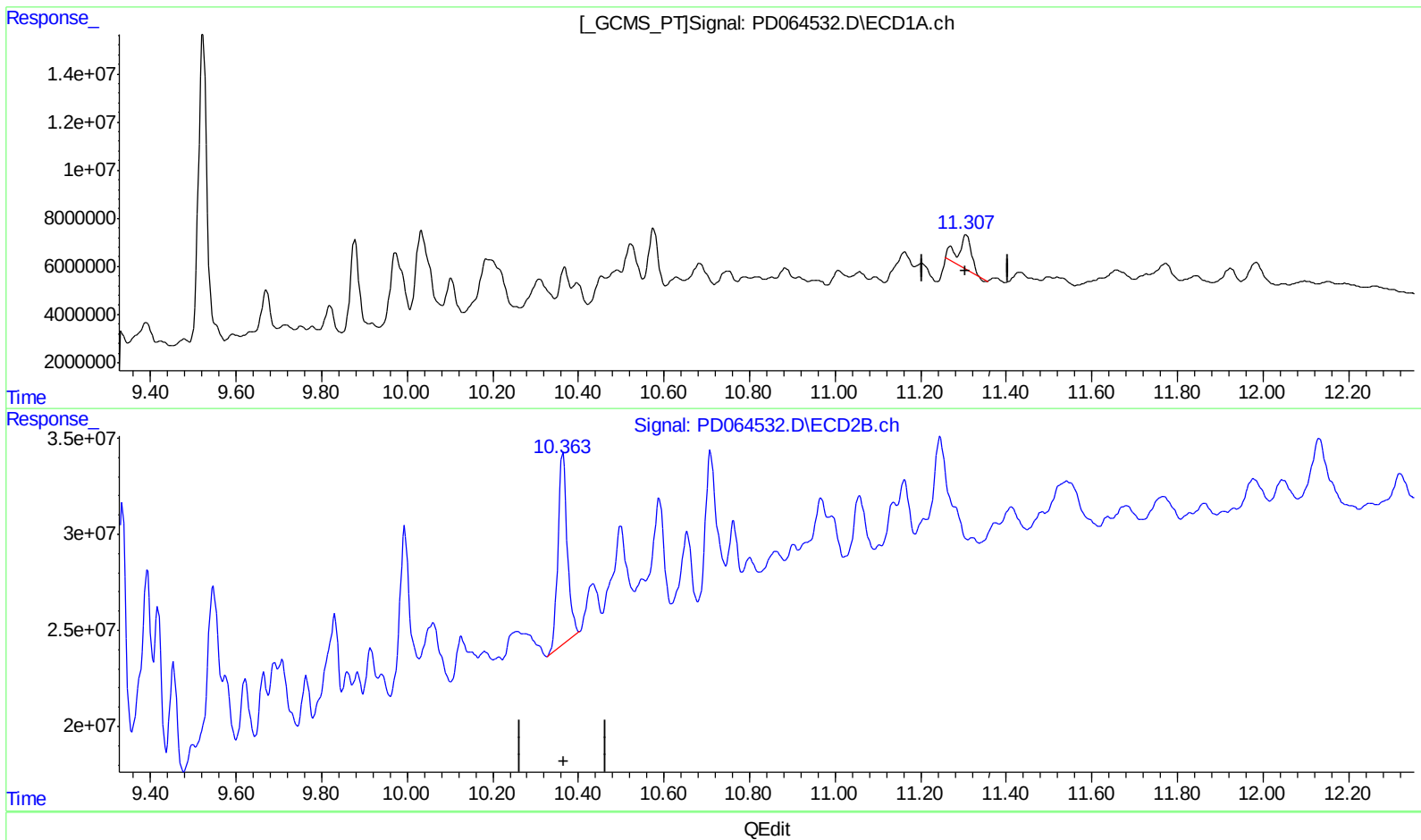
Instrument :
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ClientSampleId :
C0011

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



(27) Decachlorobiphenyl (SA)

11.306min 20.758 ng/ml

response 27325026

(27) Decachlorobiphenyl #2 (SA)

10.364min 25.210 ng/ml

response 149920600

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 05:17
Operator : AR\AJ
Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

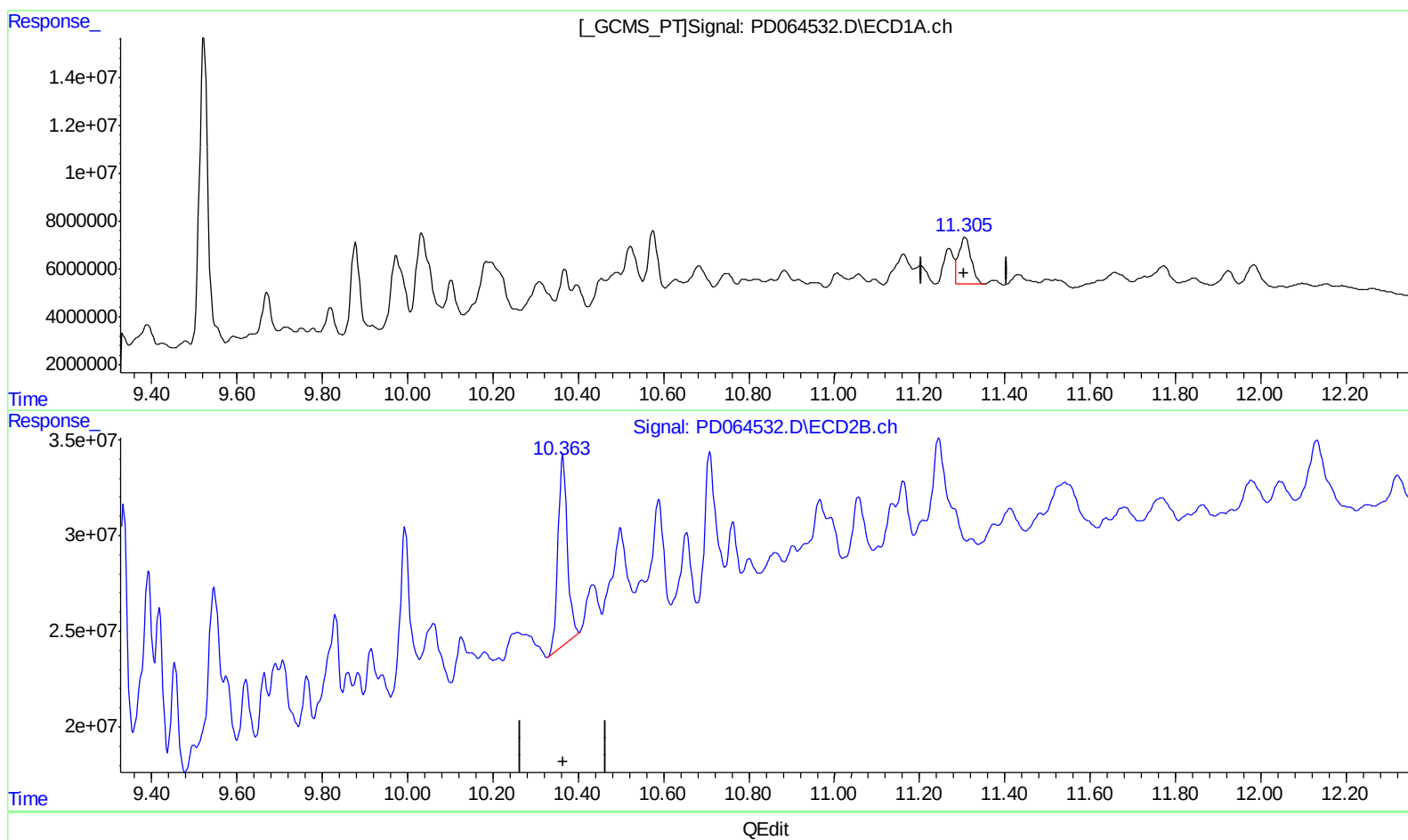
Instrument :
ECD_D
ClientSampleId :
C0011

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



(27) Decachlorobiphenyl (SA)

11.305min 29.367 ng/ml m

response 38657747

(27) Decachlorobiphenyl #2 (SA)

10.364min 25.210 ng/ml

response 149920600

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

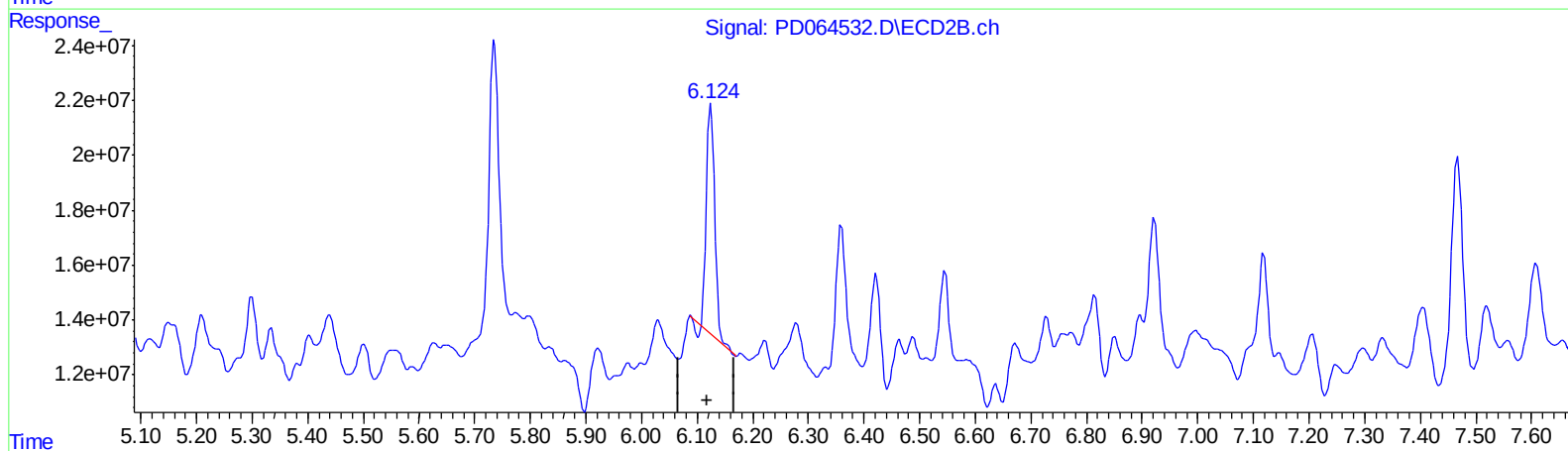
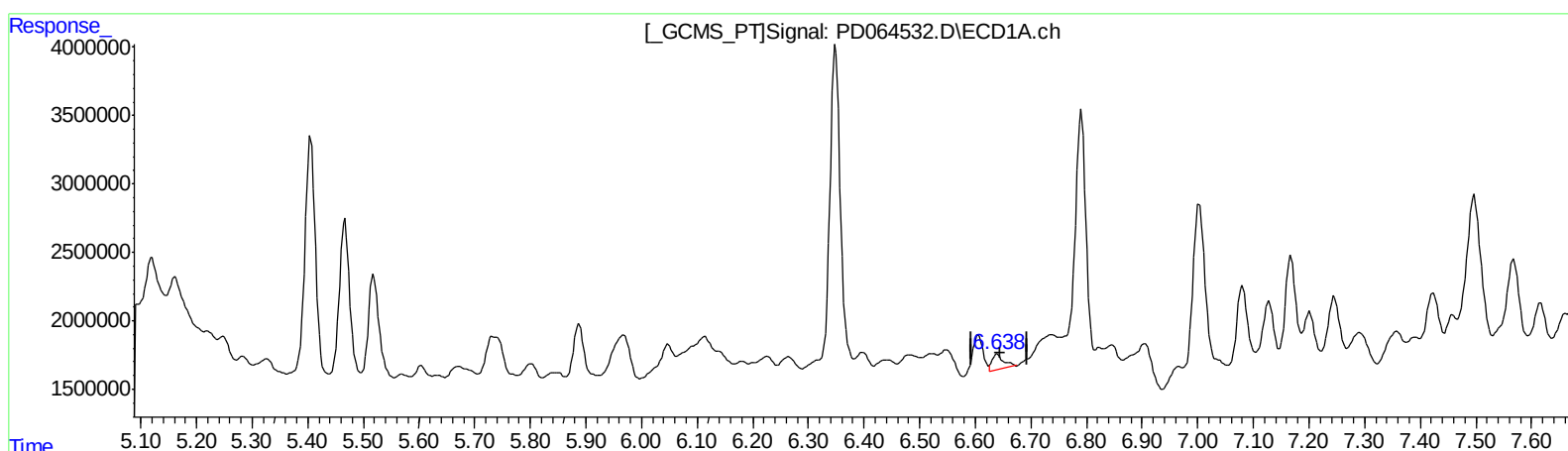
Instrument :
ECD_D
ClientSampleId :
C0011

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

(6) beta-BHC (B)

6.640min 2.063 ng/ml

response 1609857

(6) beta-BHC #2 (B)

6.125min 14.293 ng/ml

response 86712026

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 05:17
Operator : AR\AJ
Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

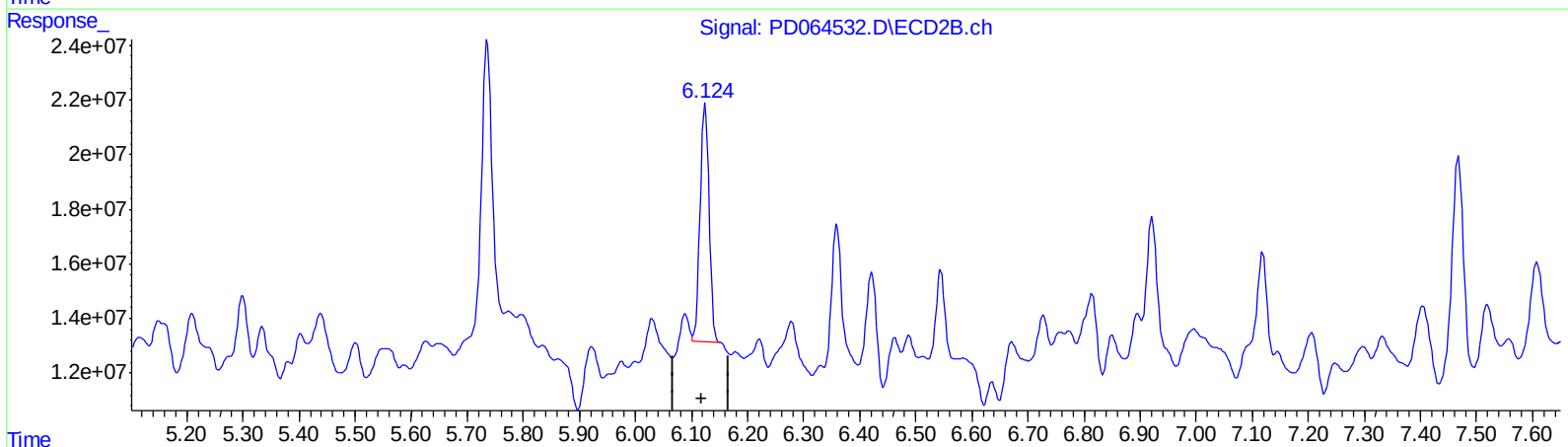
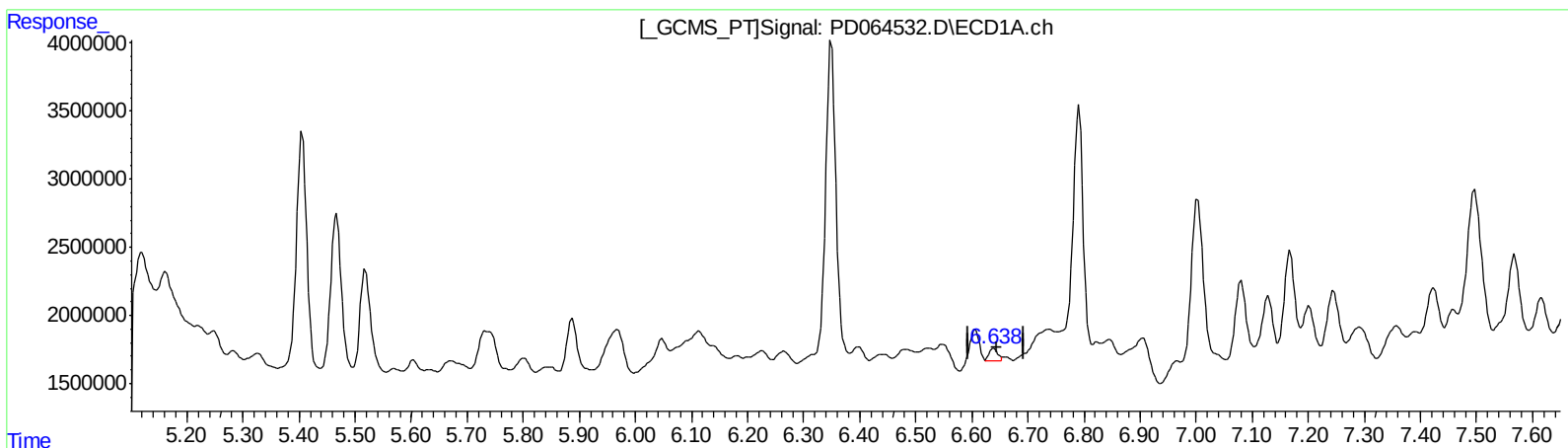
Instrument :
ECD_D
ClientSampleId :
C0011

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

(6) beta-BHC (B)

6.638min 1.220 ng/ml m

response 951913

(6) beta-BHC #2 (B)

6.124min 15.979 ng/ml m

response 96939369

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 05:17
Operator : AR\AJ
Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

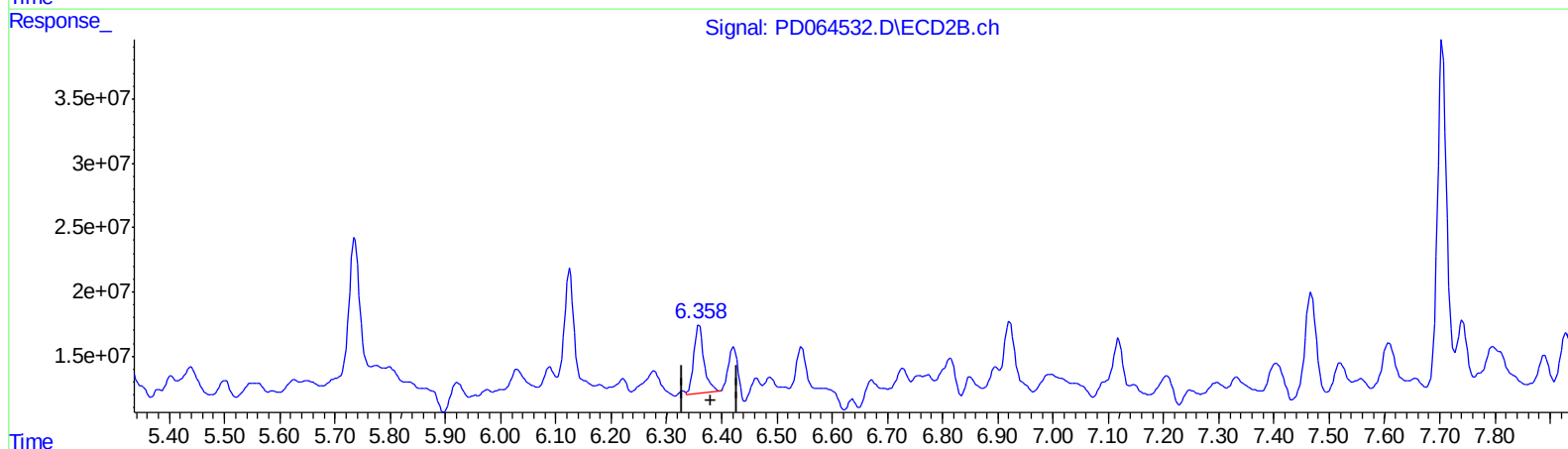
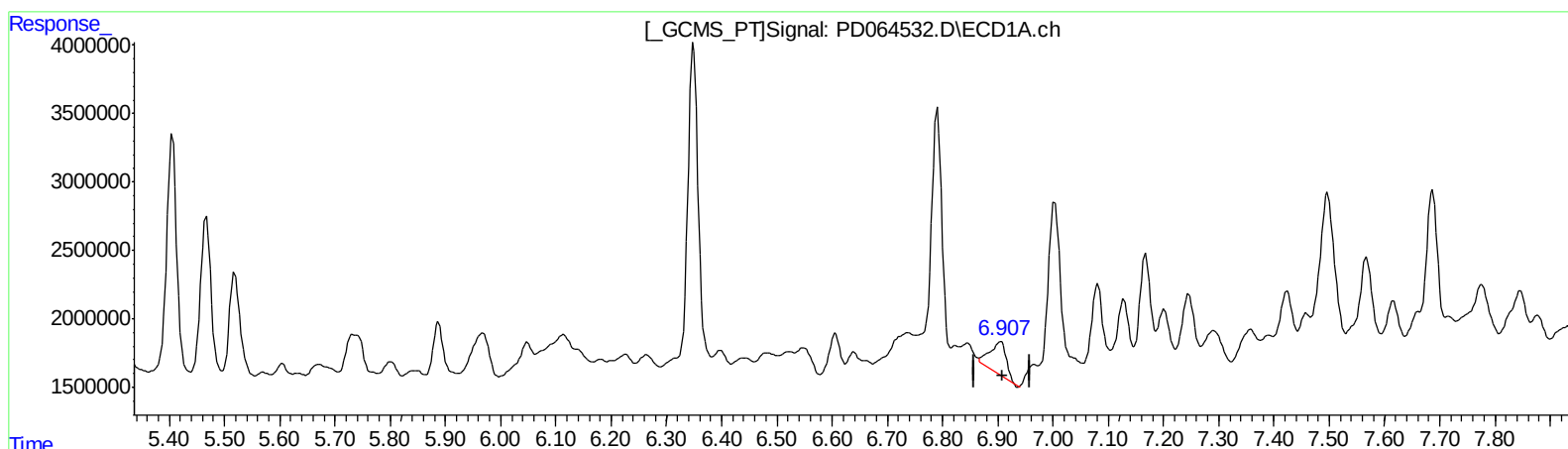
Instrument :
ECD_D
ClientSampleId :
C0011

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

(7) delta-BHC (B)

6.905min 2.684 ng/ml

response 4671298

(7) delta-BHC #2 (B)

6.359min 6.311 ng/ml

response 68564555

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
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Acq On : 30 Jul 2021 05:17
Operator : AR\AJ
Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

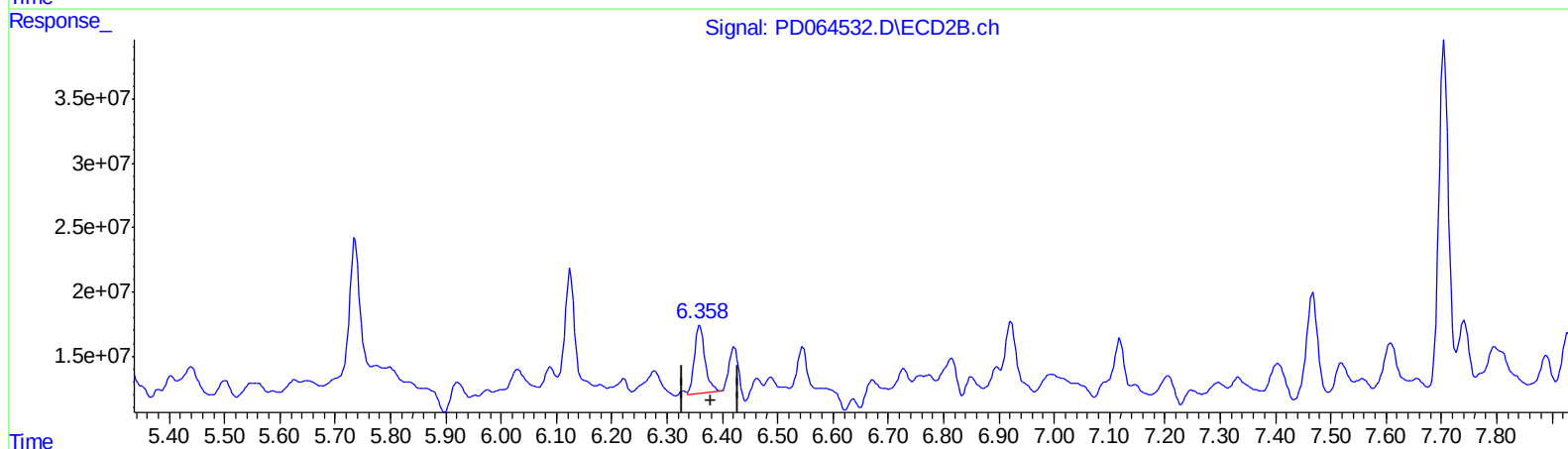
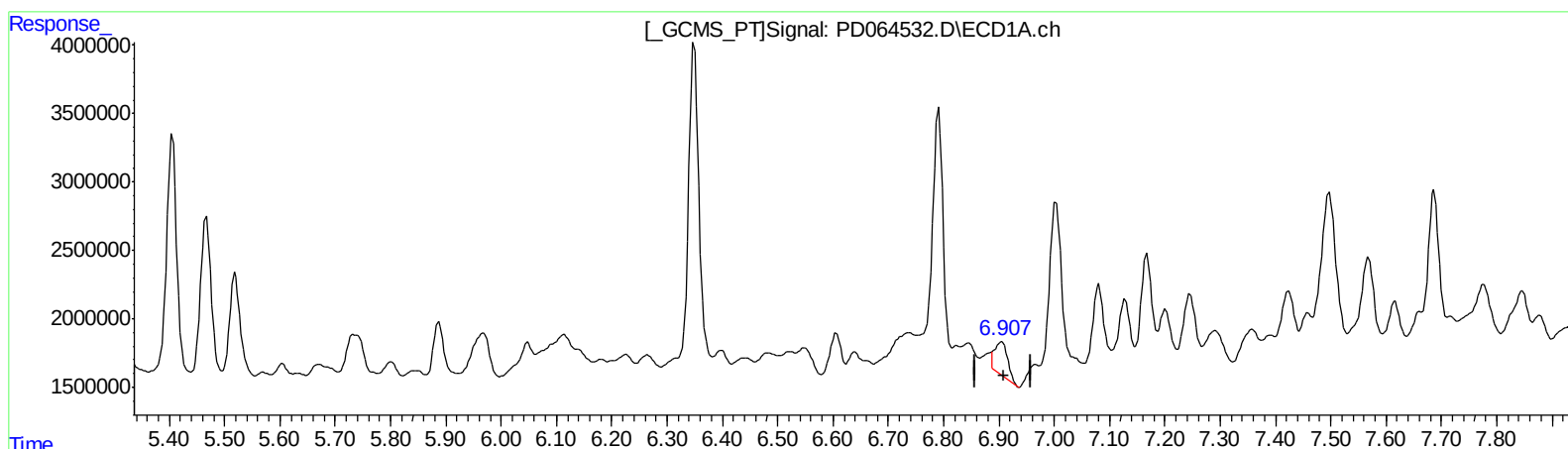
Instrument :
ECD_D
ClientSampleId :
C0011

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:41 PM

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

(7) delta-BHC (B)

6.907min 2.320 ng/ml m

response 4036369

(7) delta-BHC #2 (B)

6.359min 6.311 ng/ml

response 68564555

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 05:17
Operator : AR\AJ
Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

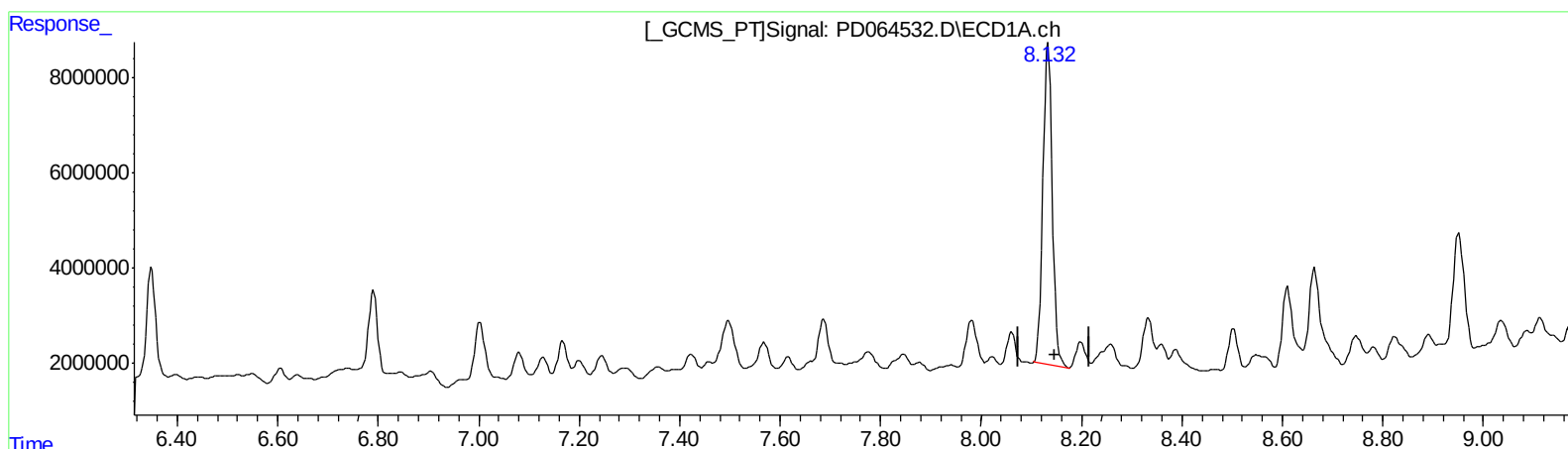
Instrument :
ECD_D
ClientSampleId :
C0011

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



(10) trans-Chlordane (B)

8.133min 54.047 ng/ml

response 86608837

(10) trans-Chlordane #2 (B)

7.333min 1.860 ng/ml

response 16871953

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
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Acq On : 30 Jul 2021 05:17
Operator : AR\AJ
Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

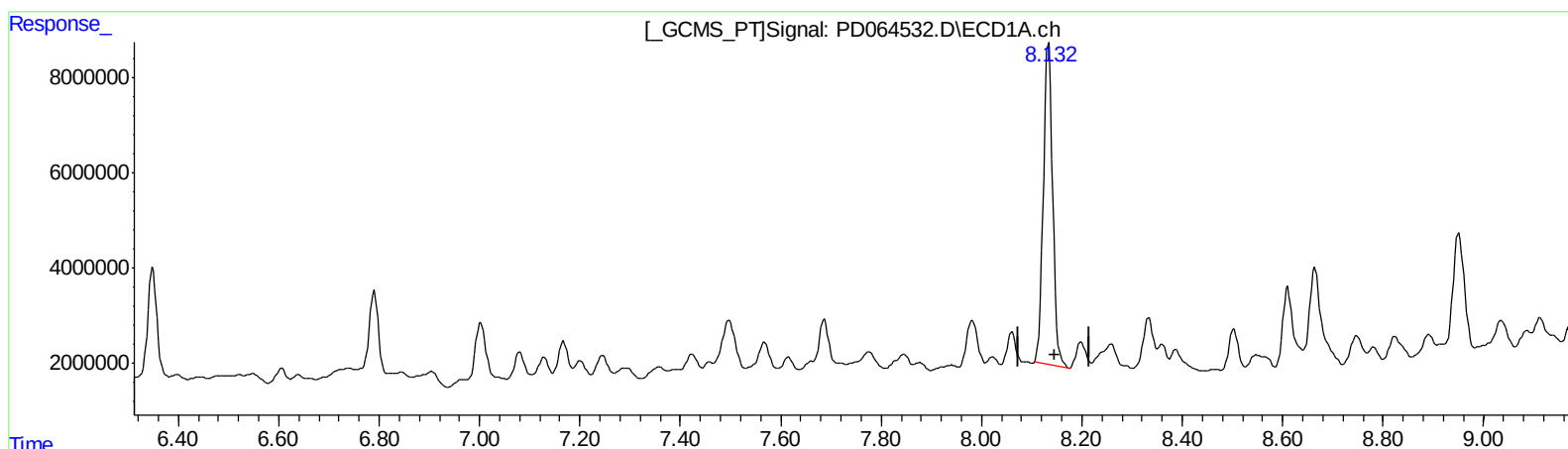
Instrument :
ECD_D
ClientSampleId :
C0011

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:41 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



(10) trans-Chlordane (B)

8.133min 54.047 ng/ml

response 86608837

(10) trans-Chlordane #2 (B)

7.332min 1.640 ng/ml m

response 14873475

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 05:17
Operator : AR\AJ
Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

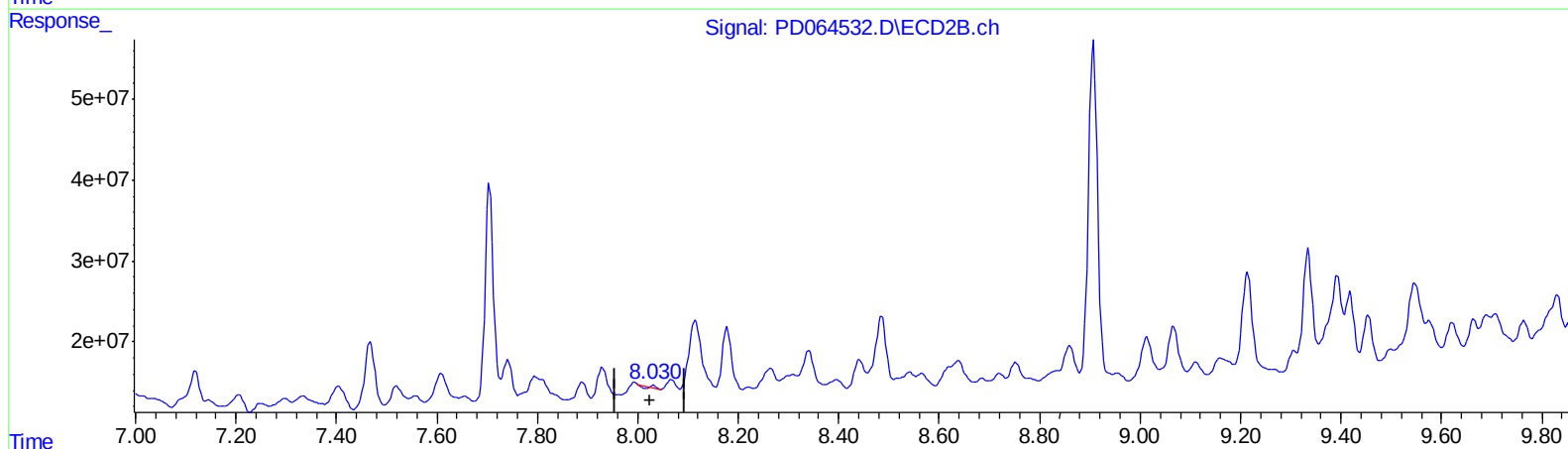
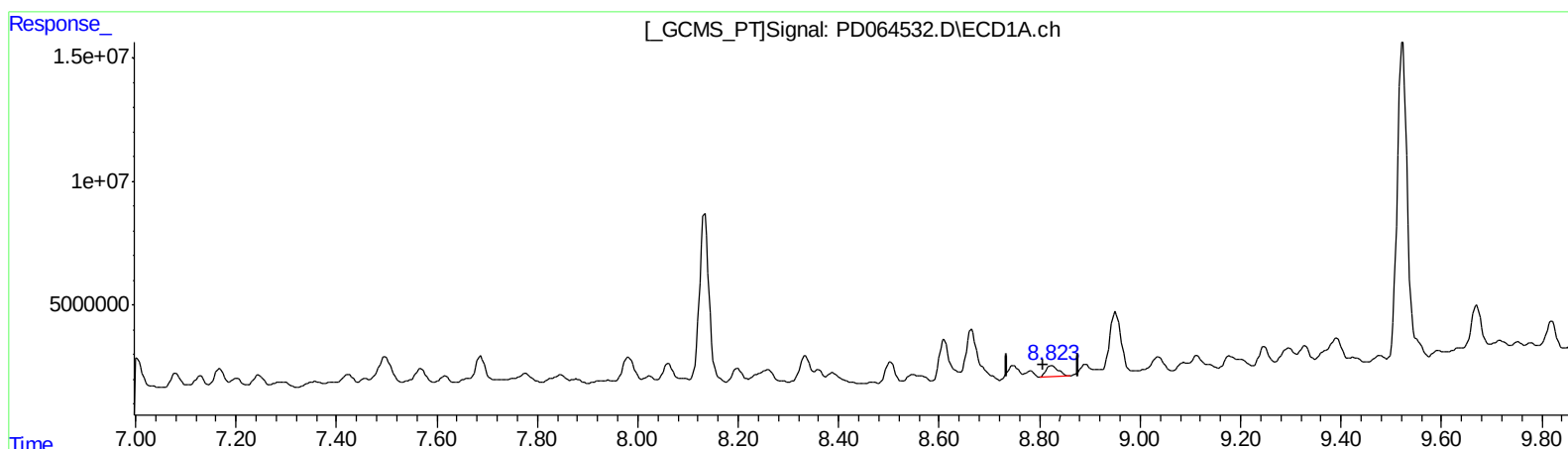
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ClientSampleId :
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Manual Integrations
APPROVED

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QEdit

(14) Endrin (MA)
8.824min 6.088 ng/ml
response 7795383

(14) Endrin #2 (MA)
8.031min 0.254 ng/ml
response 1461074

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
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ALS Vial : 52 Sample Multiplier: 1

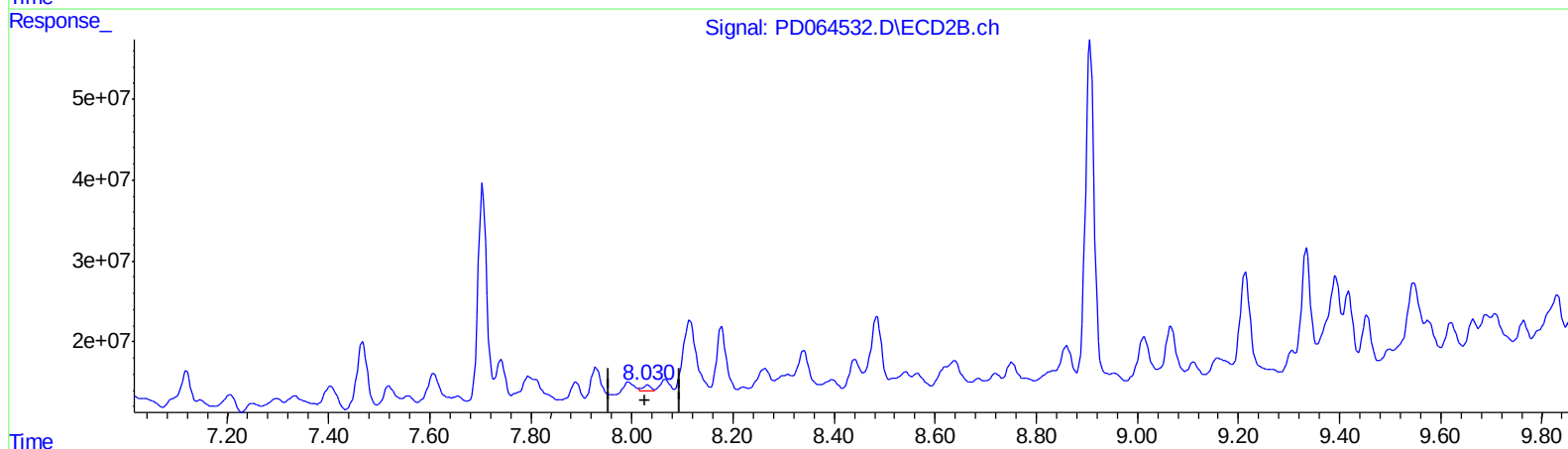
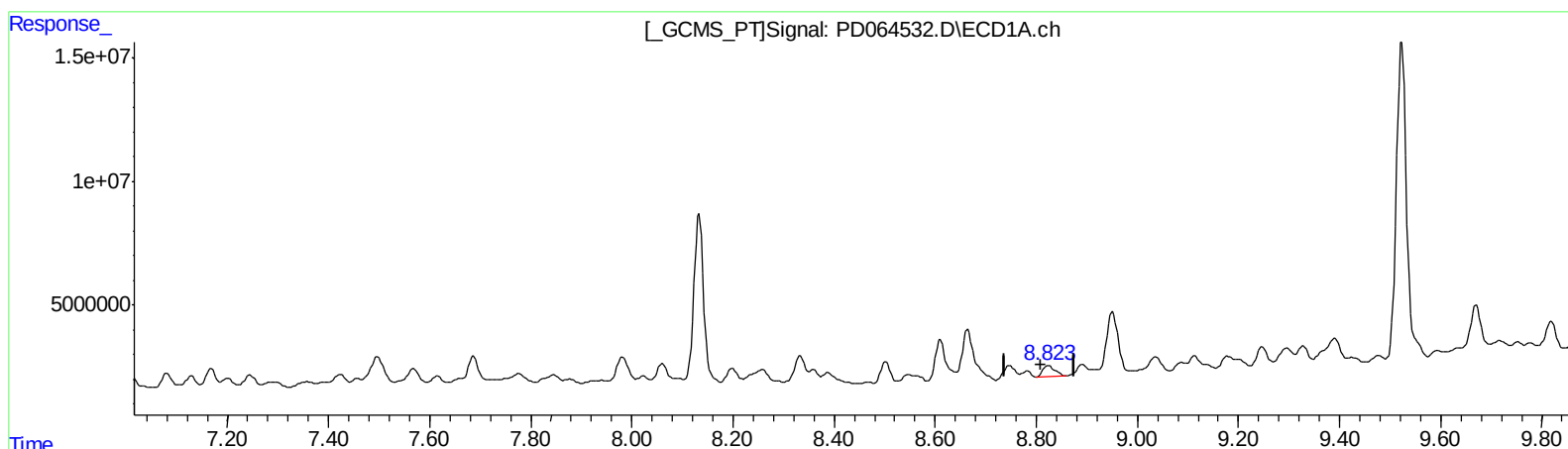
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ECD_D
ClientSampleId :
C0011

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

(14) Endrin (MA)

8.824min 6.088 ng/ml

response 7795383

(14) Endrin #2 (MA)

8.030min 1.203 ng/ml m

response 6910355

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

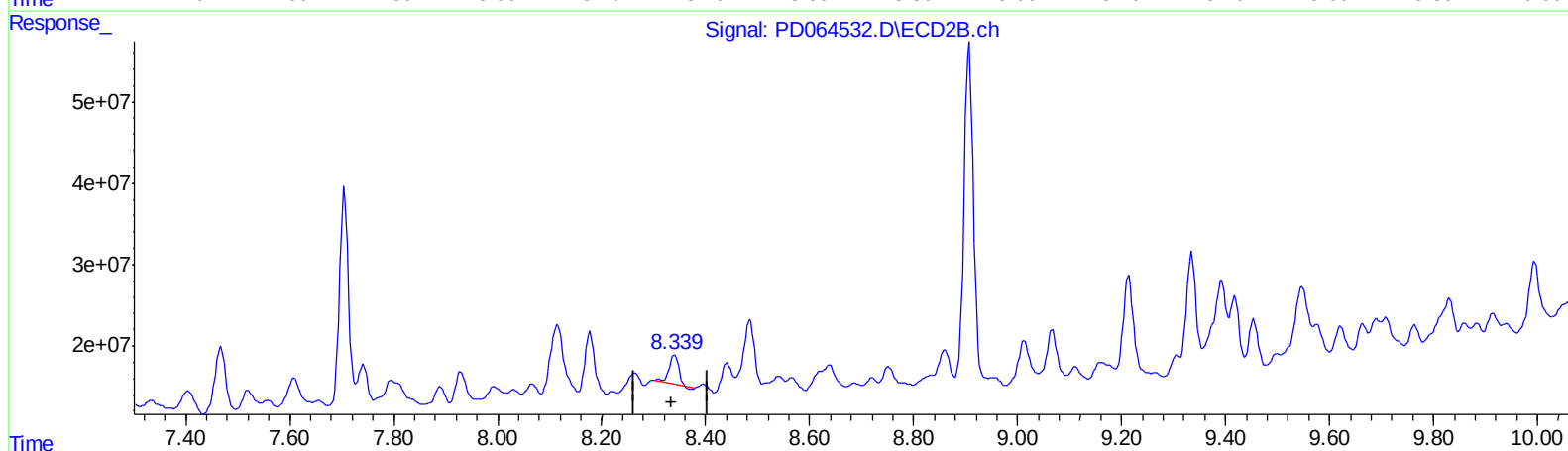
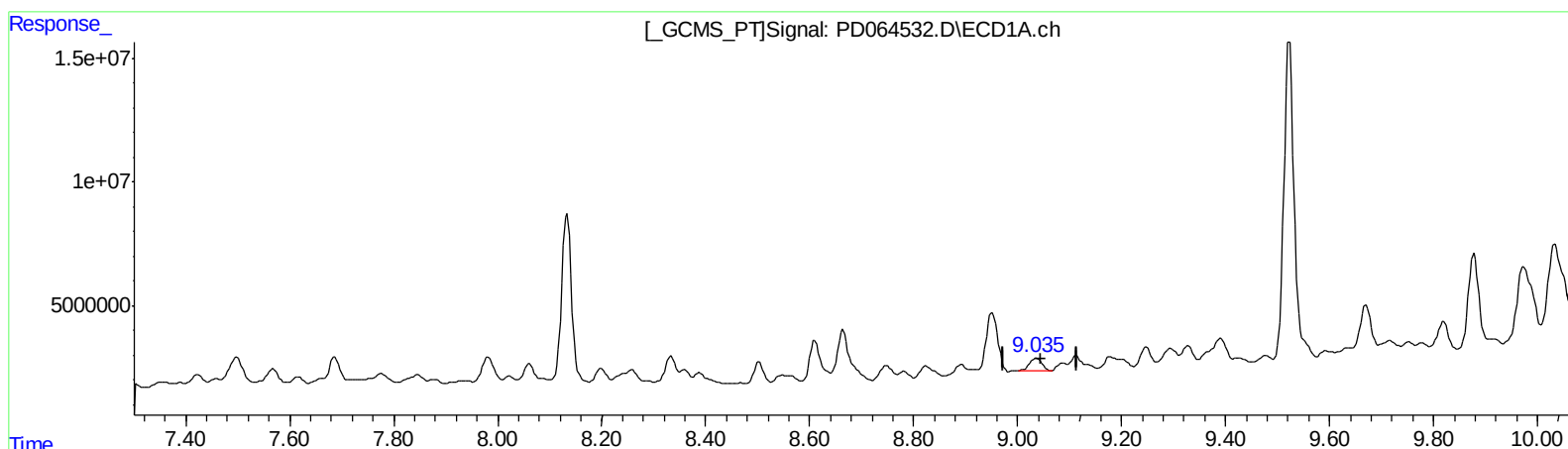
Instrument :
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Manual Integrations
APPROVED

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



QEdit

(15) Endosulfan II (B)

9.036min 6.525 ng/ml

response 8473198

(15) Endosulfan II #2 (B)

8.341min 7.552 ng/ml

response 43591426

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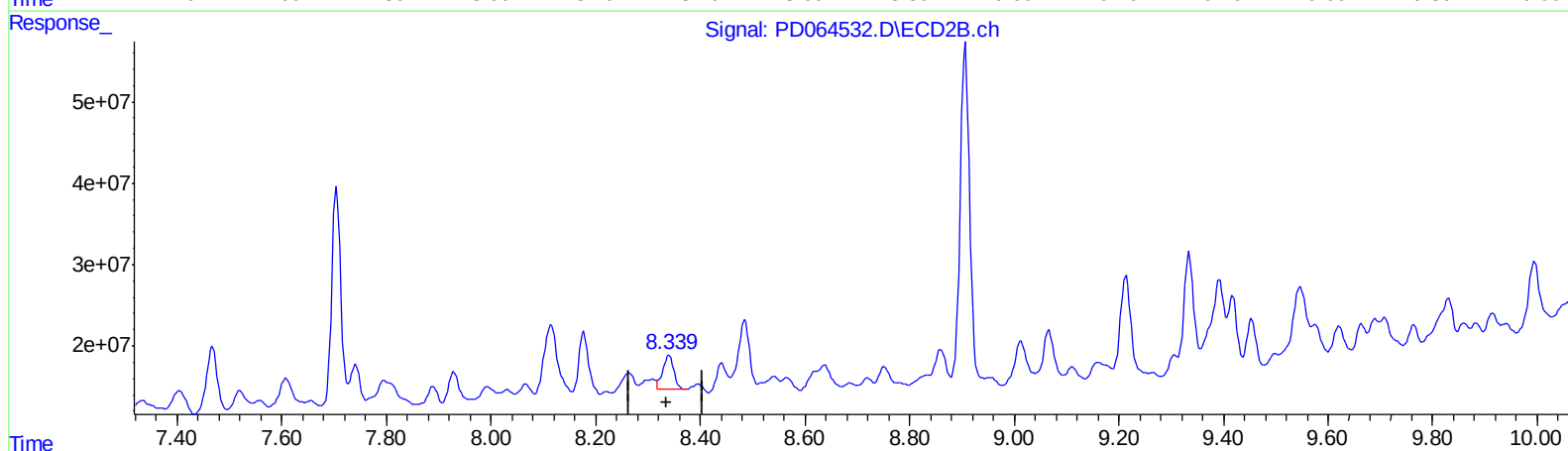
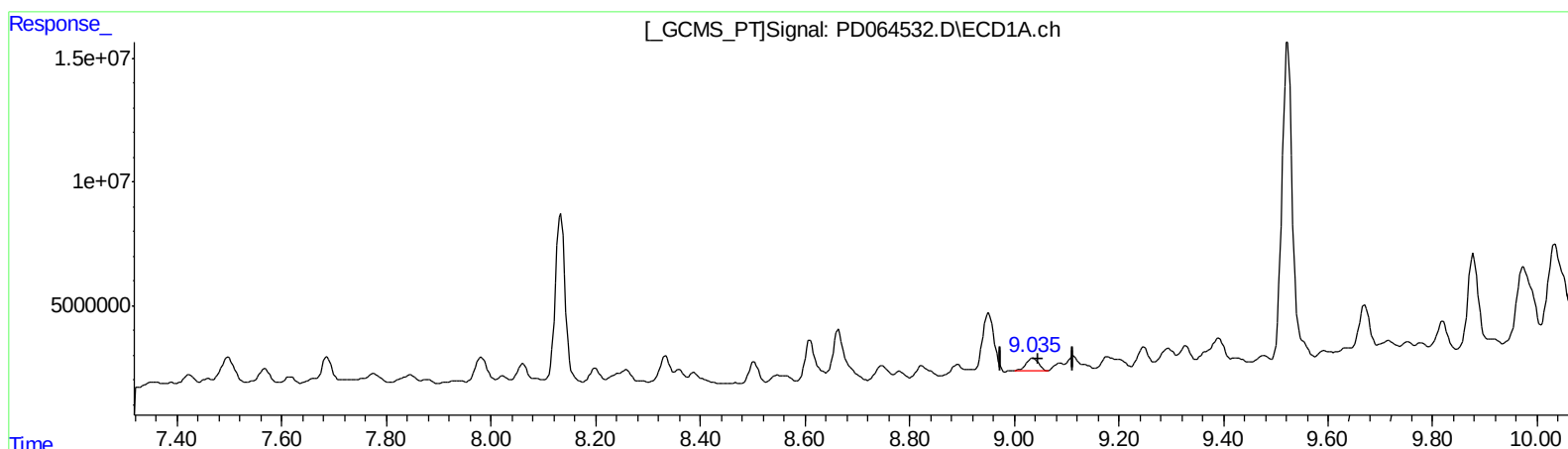
Instrument :
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Manual Integrations
APPROVED

mohammad
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QEdit

(15) Endosulfan II (B)
9.036min 6.525 ng/ml
response 8473198

(15) Endosulfan II #2 (B)
8.339min 10.520 ng/ml m
response 60725798

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064532.D
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Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

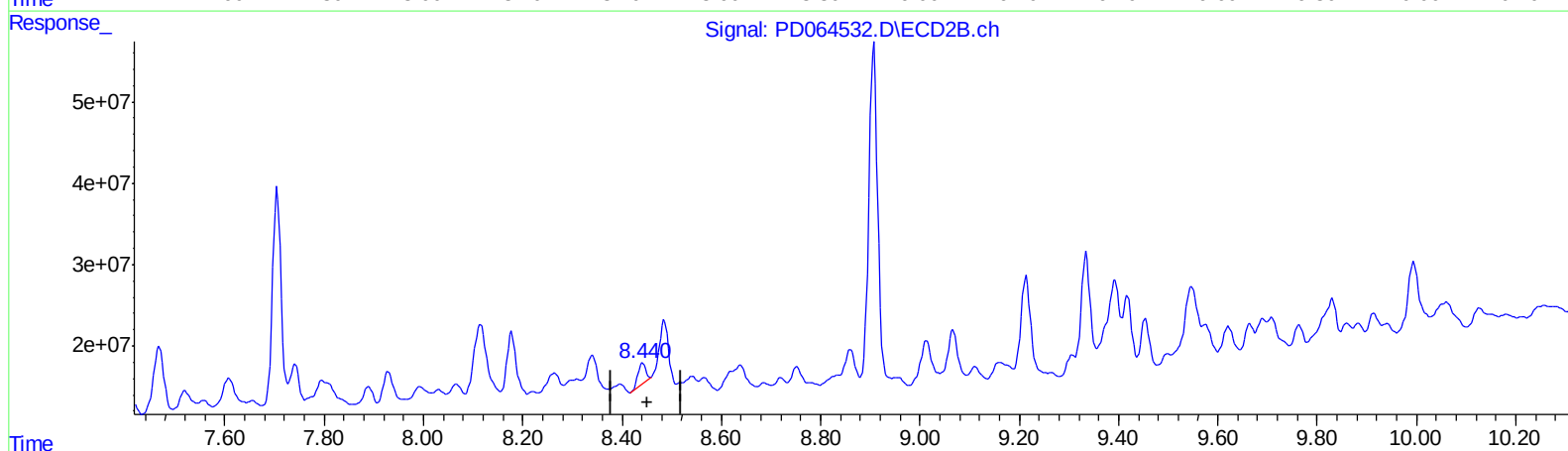
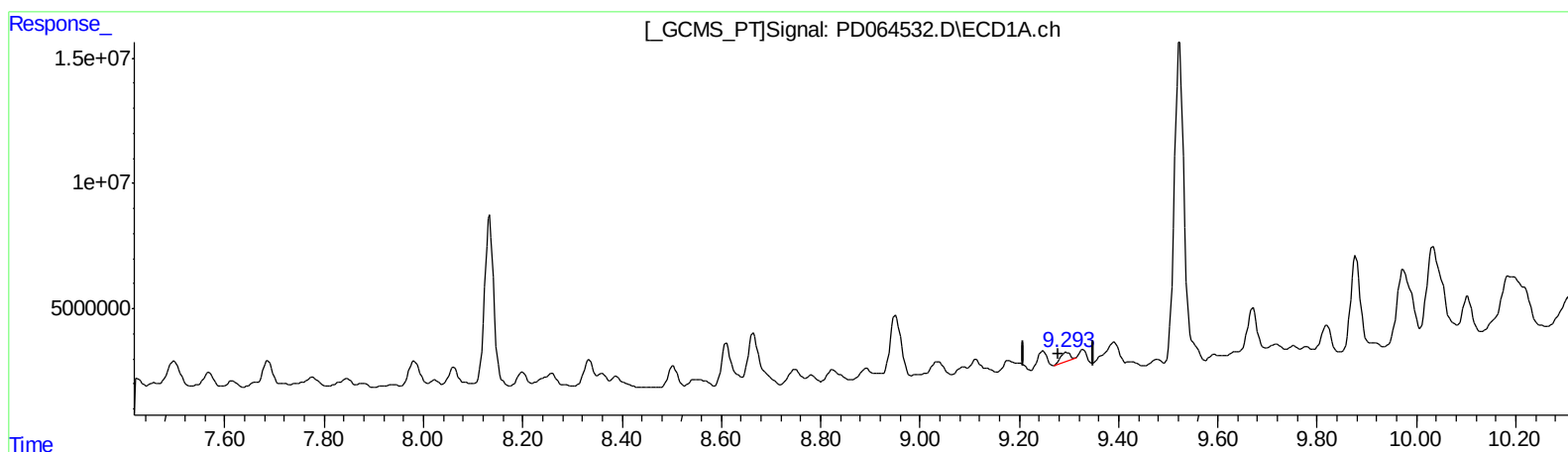
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ECD_D
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C0011

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:41 PM

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QEdit

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

9.295min 3.862 ng/ml

response 5042280

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

8.441min 4.929 ng/ml

response 27132441

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 05:17
Operator : AR\AJ
Sample : M3082-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

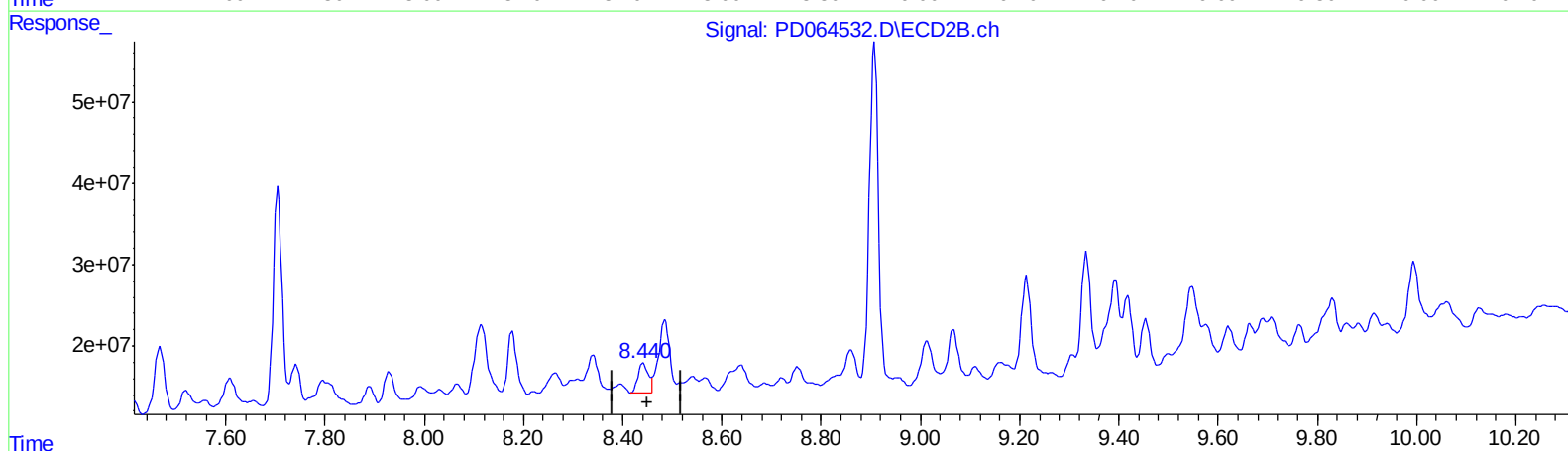
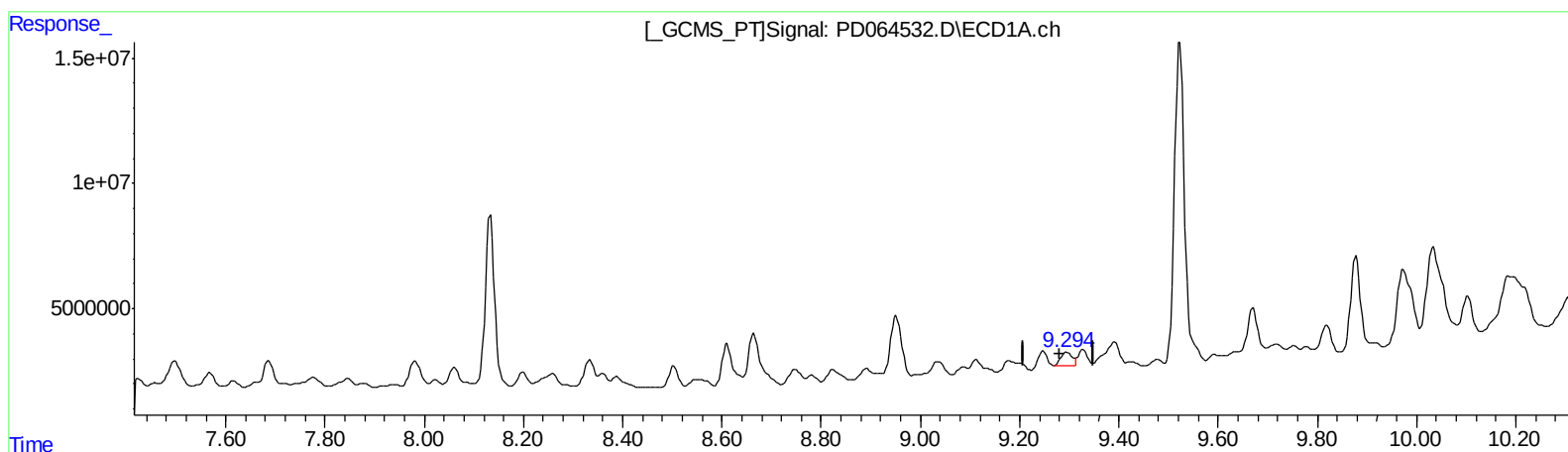
Instrument :
ECD_D
ClientSampleId :
C0011

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:41 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:59 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

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

9.294min 6.726 ng/ml m

response 8780097

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

8.440min 9.581 ng/ml m

response 52736858

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
 Data File : PD064532.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 05:17
 Operator : AR\AJ
 Sample : M3082-13
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0011

Manual Integrations
 APPROVED

mohammad
 7/30/2021 4:49:41 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 06:59:59 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 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

System Monitoring Compounds						
1) SA Tetrachlo...	5.405	4.618	21646217	181.2E6	18.146	19.830m
27) SA Decachlor...	11.305	10.364	38657747	149.9E6	29.367m	25.210
Target Compounds						
3) MA gamma-BHC...	6.398	5.736	1182337	131.2E6	0.754	11.507 #
6) B beta-BHC	6.638	6.124	951913	96939369	1.220m	15.979m#
7) B delta-BHC	6.907	6.359	4036369	68564555	2.320m	6.311 #
10) B trans-Chl...	8.133	7.332	86608837	14873475	54.047	1.640m#
14) MA Endrin	8.824	8.030	7795383	6910355	6.088	1.203m#
15) B Endosulfa...	9.036	8.339	8473198	60725798	6.525	10.520m#
16) A 4,4'-DDD	8.951	8.178	37919324	88471517	30.890	15.361 #
17) MA 4,4'-DDT	9.294	8.440	8780097	52736858	6.726m	9.581m#

AJ
 08/03/21

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