

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

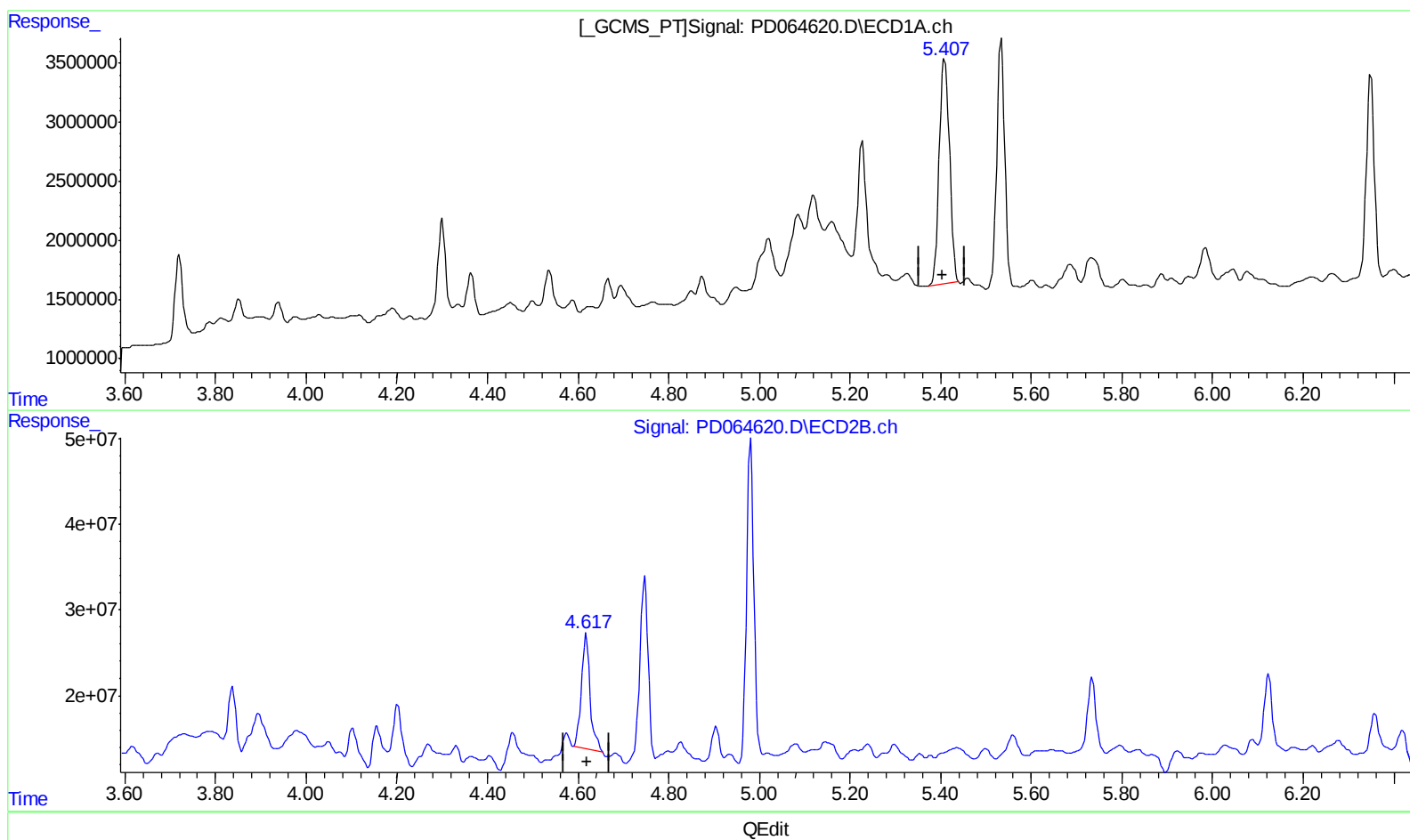
Instrument :
ECD_D
ClientSampleId :
C0070

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:15 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 05:04:09 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)

5.409min 25.038 ng/ml

response 29867608

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

4.618min 19.257 ng/ml

response 175967380

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

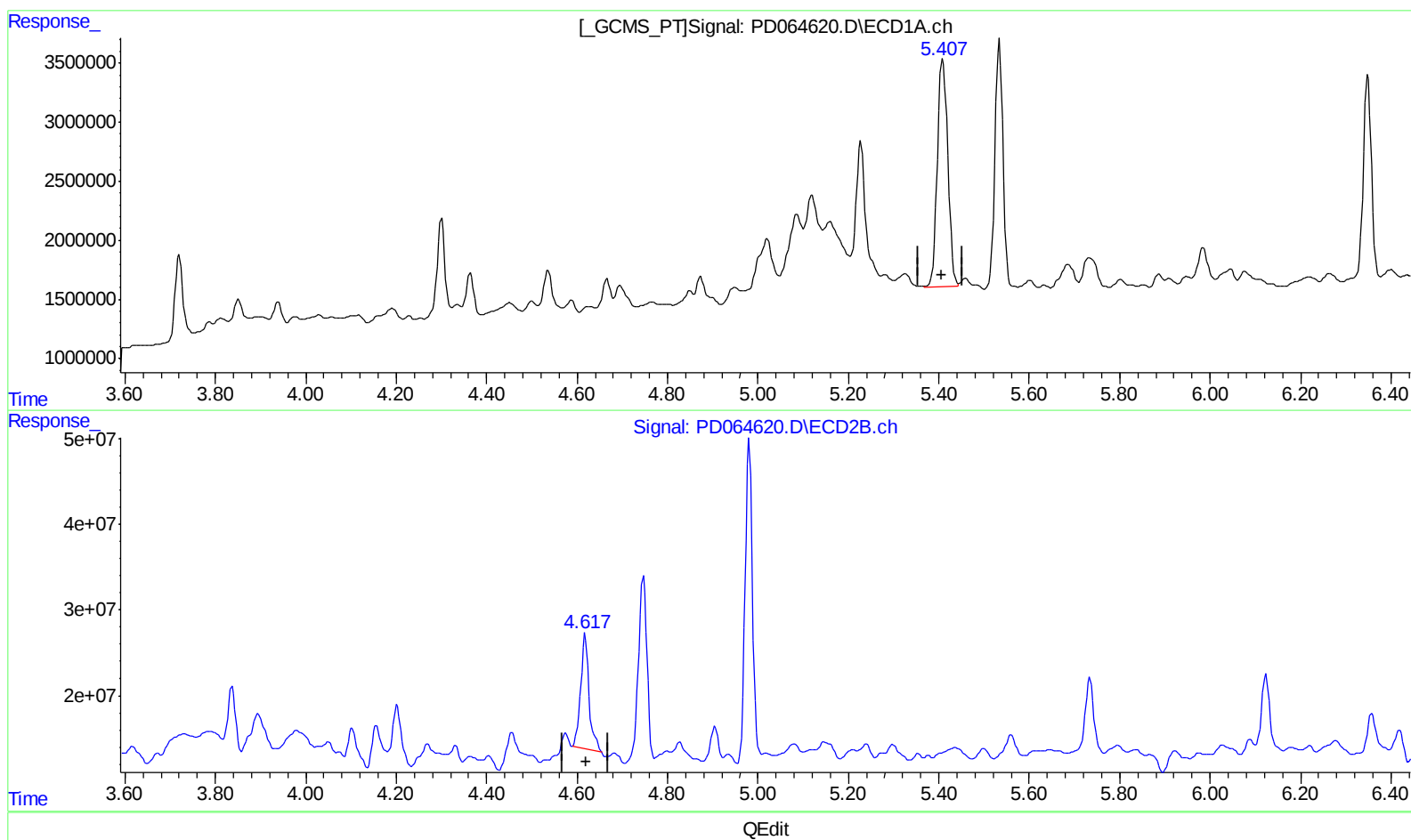
Instrument :
ECD_D
ClientSampleId :
C0070

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:15 PM

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



(1) Tetrachloro-m-xylene (SA)

5.407min 25.949 ng/ml m

response 30953792

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

4.618min 19.257 ng/ml

response 175967380

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

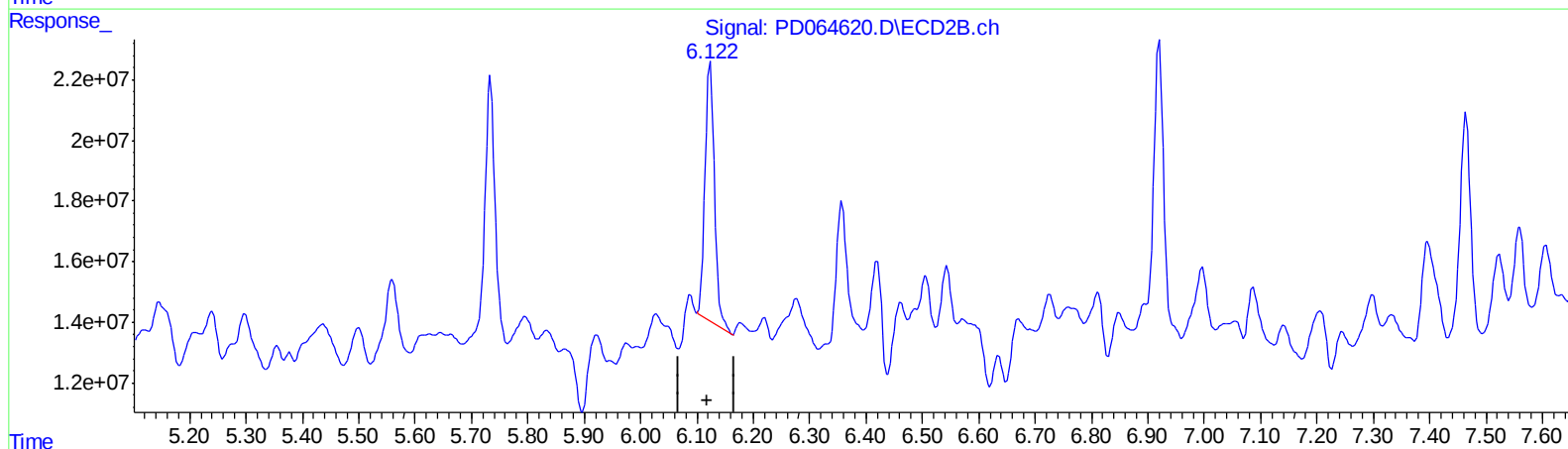
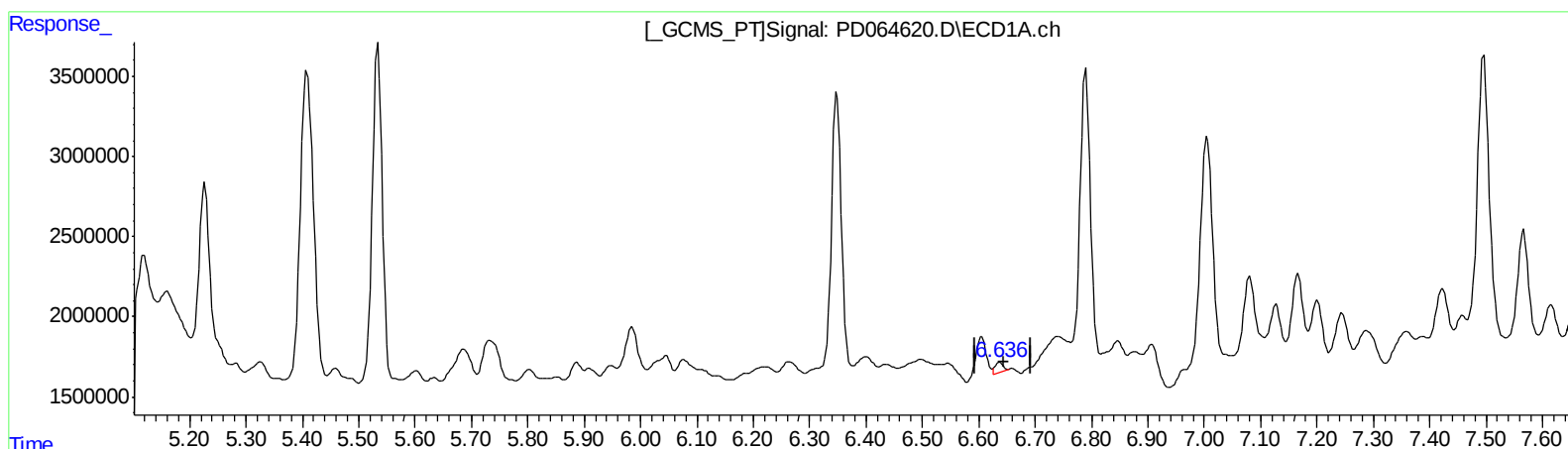
Instrument :
ECD_D
ClientSampleId :
C0070

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

(6) beta-BHC (B)

6.638min 0.750 ng/ml

response 585306

(6) beta-BHC #2 (B)

6.124min 16.165 ng/ml

response 98070331

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

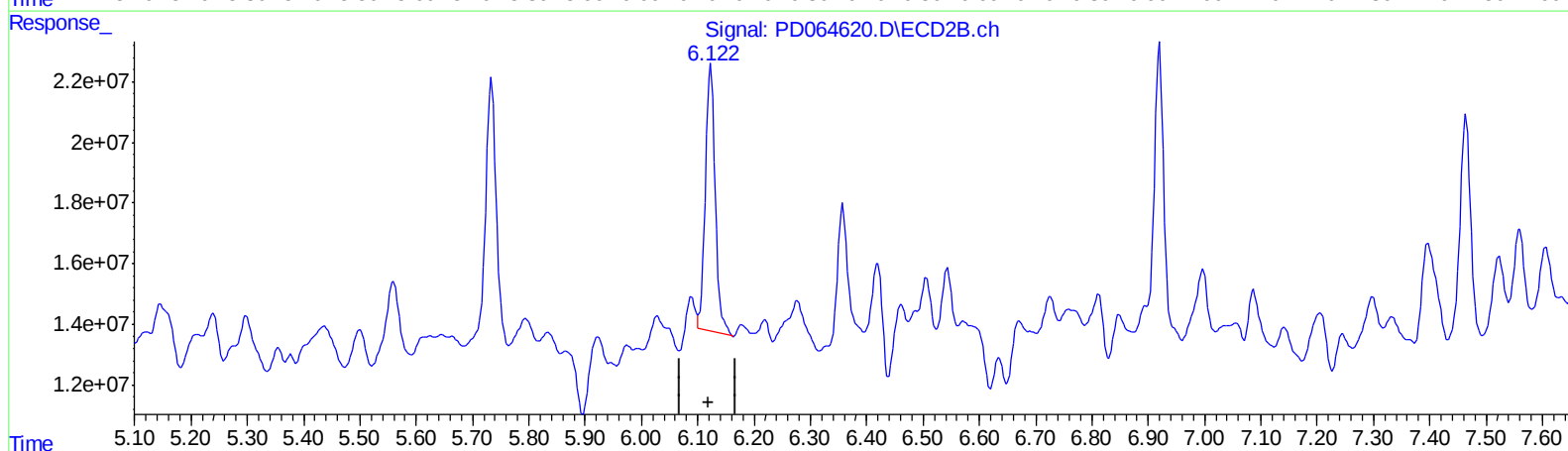
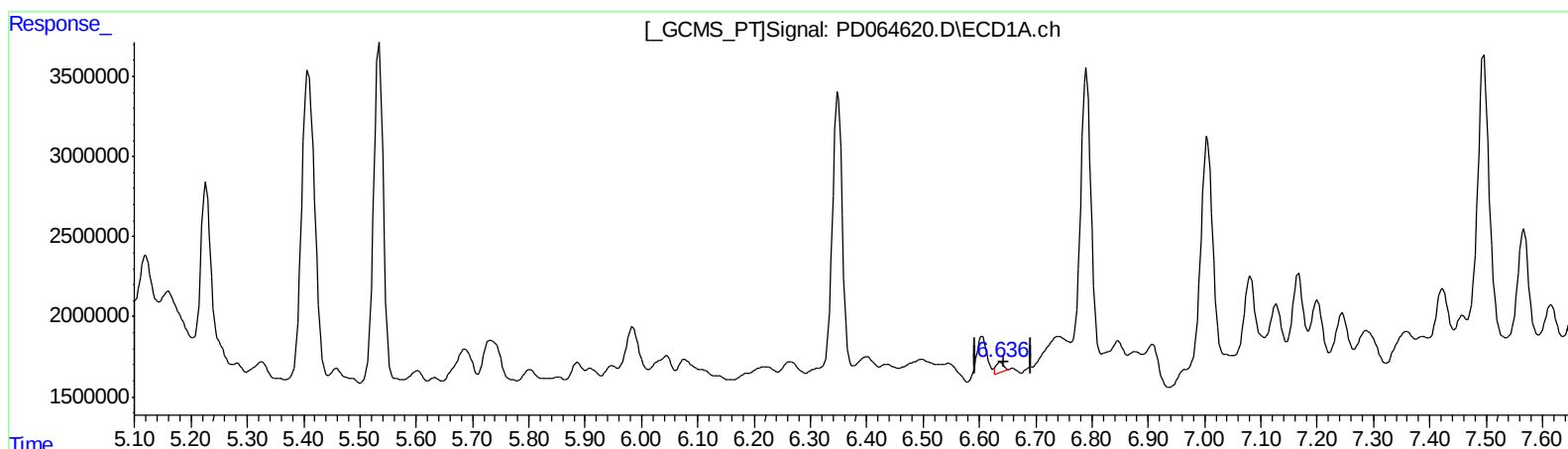
Instrument :
ECD_D
ClientSampleId :
C0070

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

(6) beta-BHC (B)

6.638min 0.750 ng/ml

response 585306

(6) beta-BHC #2 (B)

6.122min 17.528 ng/ml m

response 106338160

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

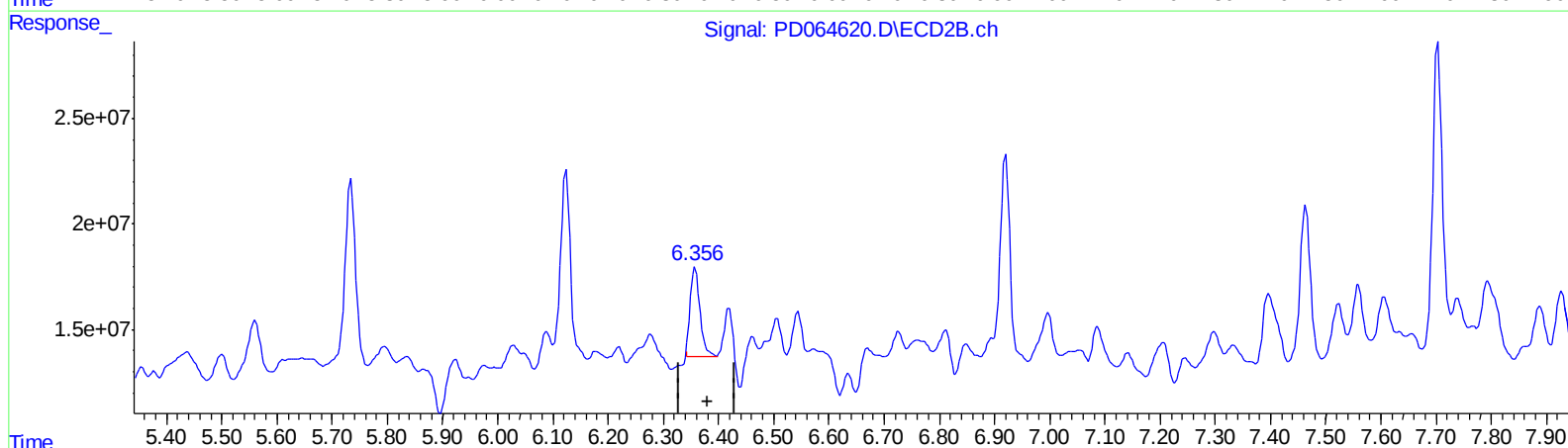
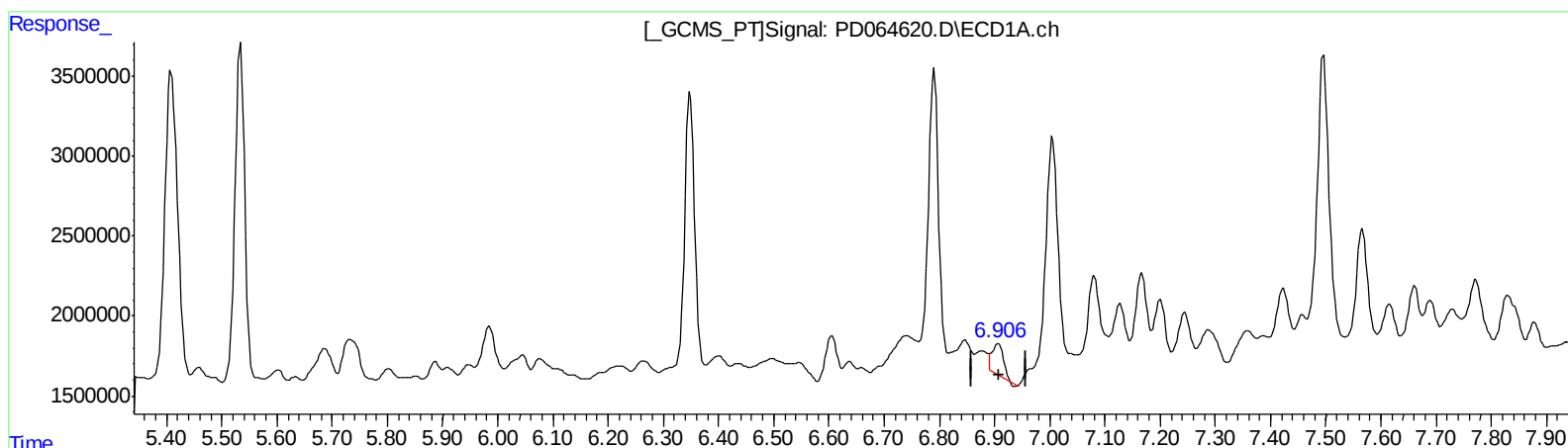
Instrument :
ECD_D
ClientSampleId :
C0070

Manual Integrations
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Integration File signal 1: autoint1.e
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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

(7) delta-BHC (B)

6.907min 1.410 ng/ml

response 2453318

(7) delta-BHC #2 (B)

6.358min 4.685 ng/ml

response 50891129

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
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Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

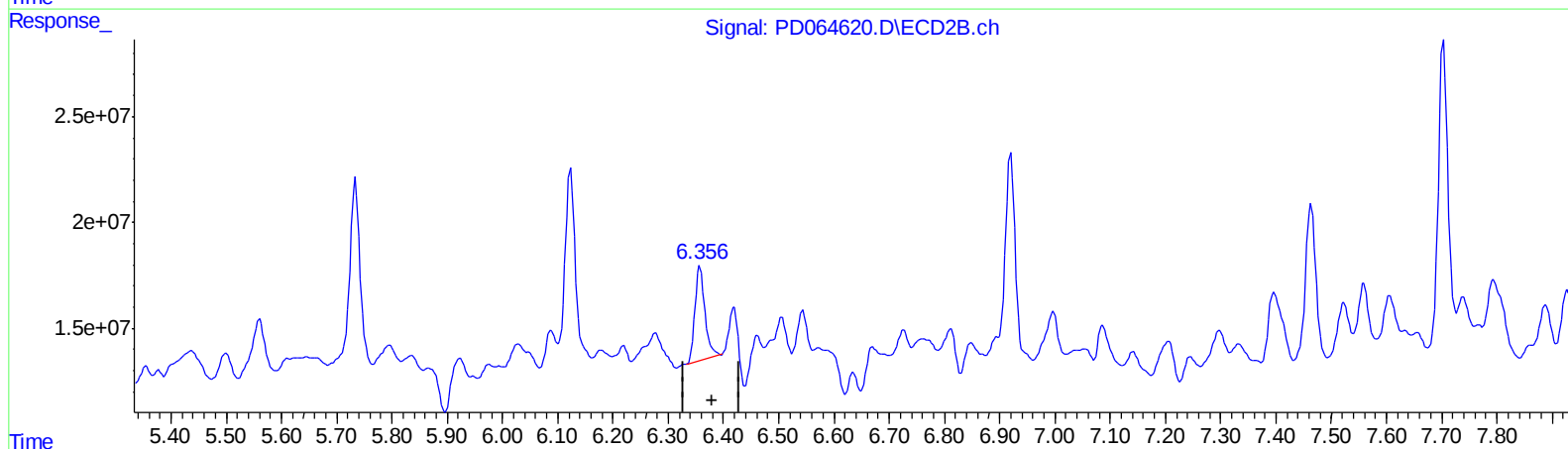
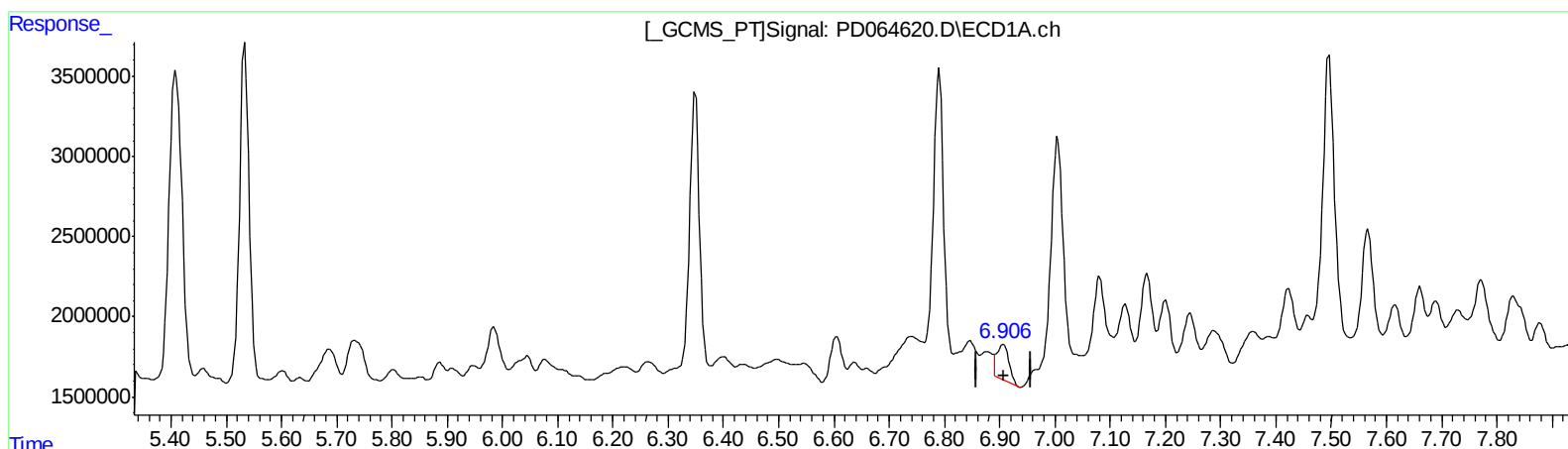
Instrument :
ECD_D
ClientSampleId :
C0070

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

(7) delta-BHC (B)

6.906min 1.896 ng/ml m

response 3299930

(7) delta-BHC #2 (B)

6.356min 5.276 ng/ml m

response 57319051

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

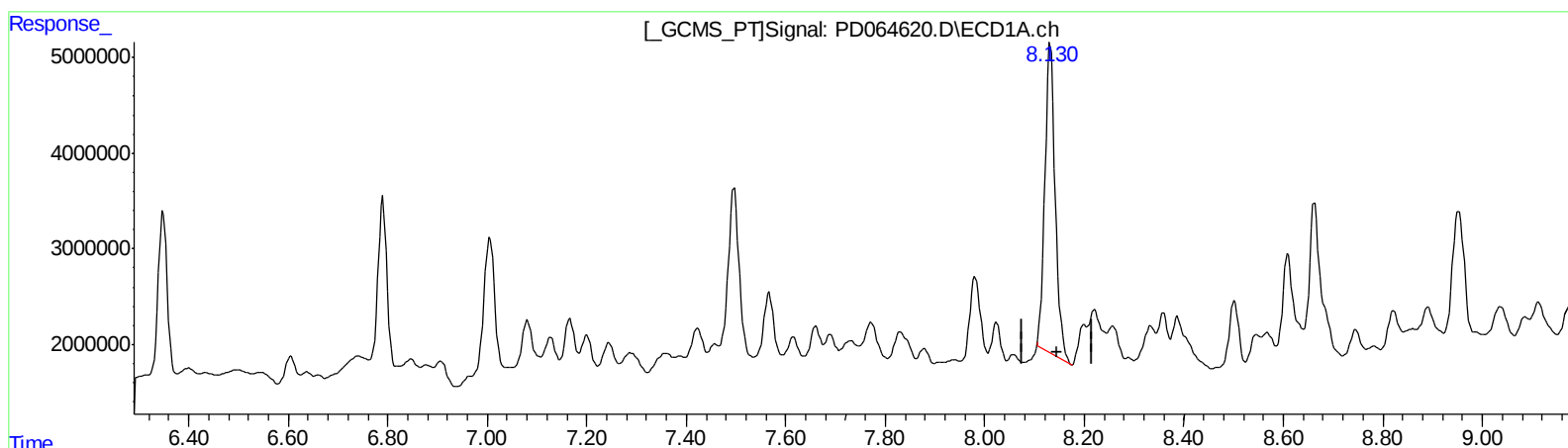
Instrument :
ECD_D
ClientSampleId :
C0070

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 28.676 ng/ml

response 45953063

(10) trans-Chlordane #2 (B)

7.333min 0.079 ng/ml

response 713480

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
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Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

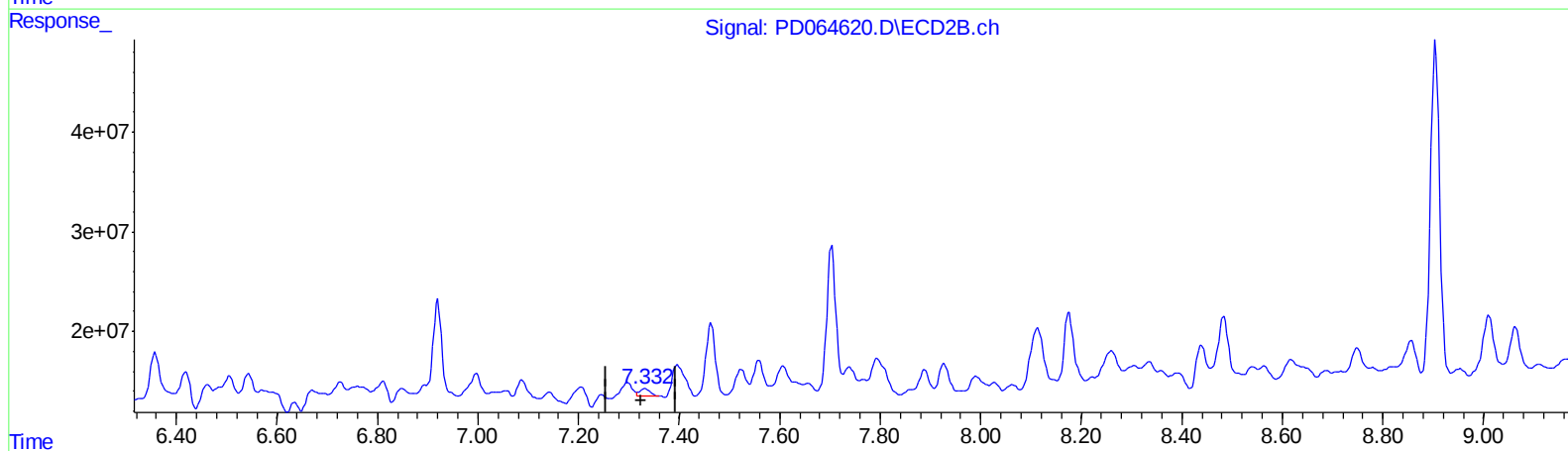
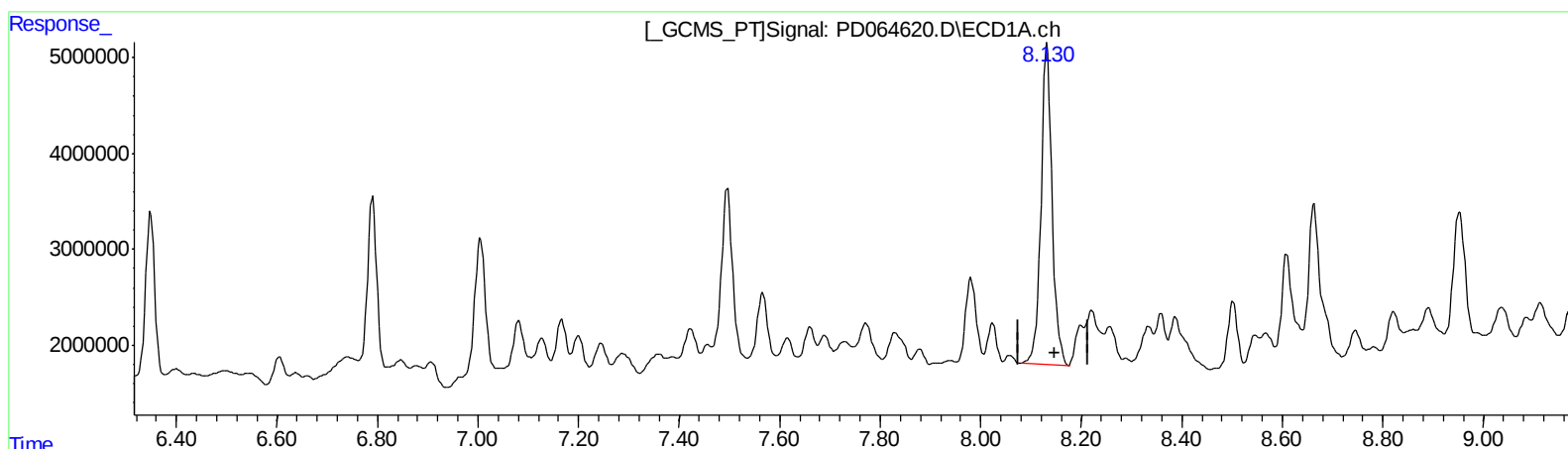
Instrument :
ECD_D
ClientSampleId :
C0070

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:15 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

(10) trans-Chlordane (B)
8.130min 31.628 ng/ml m
response 50683730

(10) trans-Chlordane #2 (B)
7.332min 1.202 ng/ml m
response 10906112

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

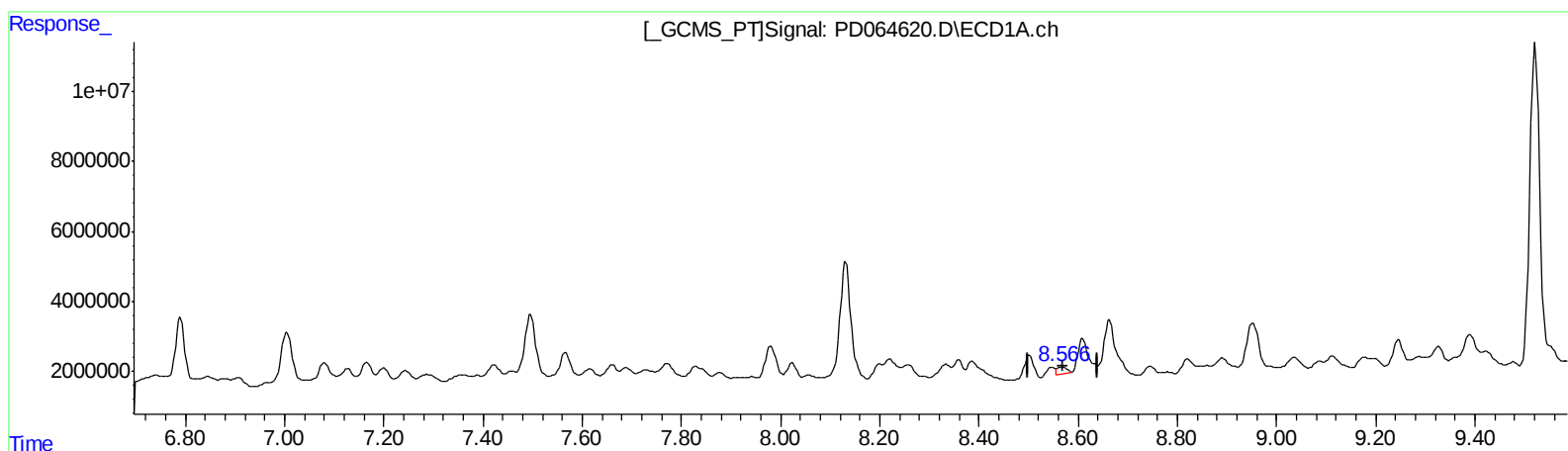
Instrument :
ECD_D
ClientSampleId :
C0070

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:15 PM

Integration File signal 1: autoint1.e
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Quant Time: Aug 02 05:04:09 2021
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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



(13) Dieldrin (MA)
8.568min 1.709 ng/ml
response 2549191

(13) Dieldrin #2 (MA)
7.740min -12.185 ng/ml
response -97864573

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

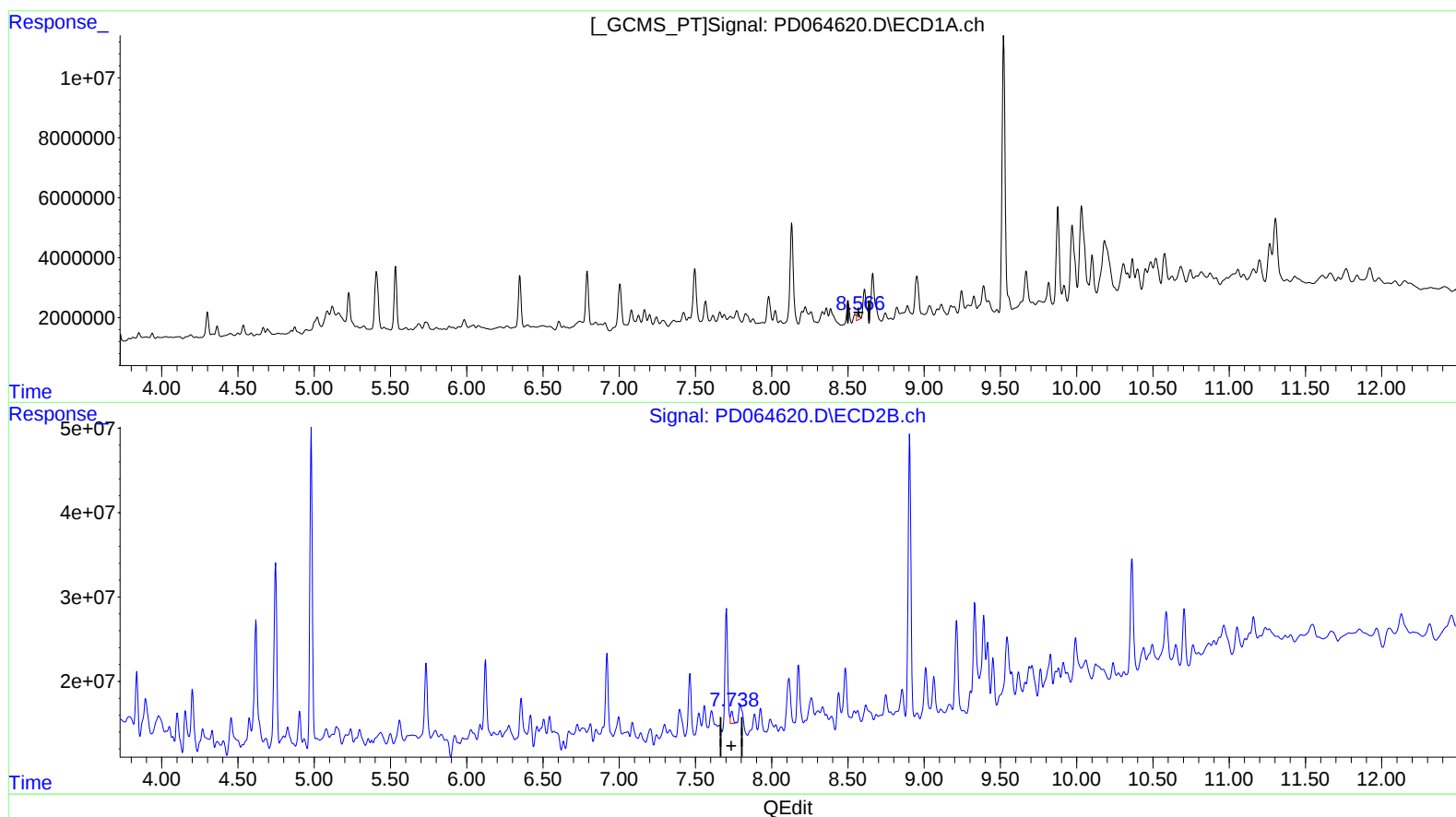
Instrument :
ECD_D
ClientSampled :
C0070

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:15 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 05:04:09 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
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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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(13) Dieldrin (MA)

8.568min 1.709 ng/ml
response 2549191

(13) Dieldrin #2 (MA)

7.738min 1.974 ng/ml m
response 15858238

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

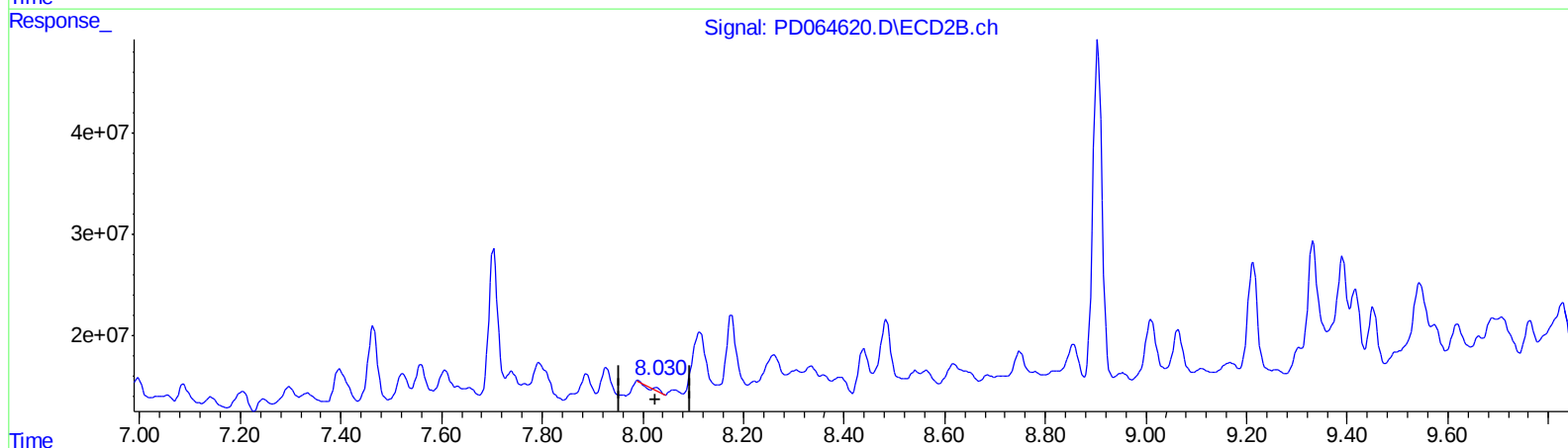
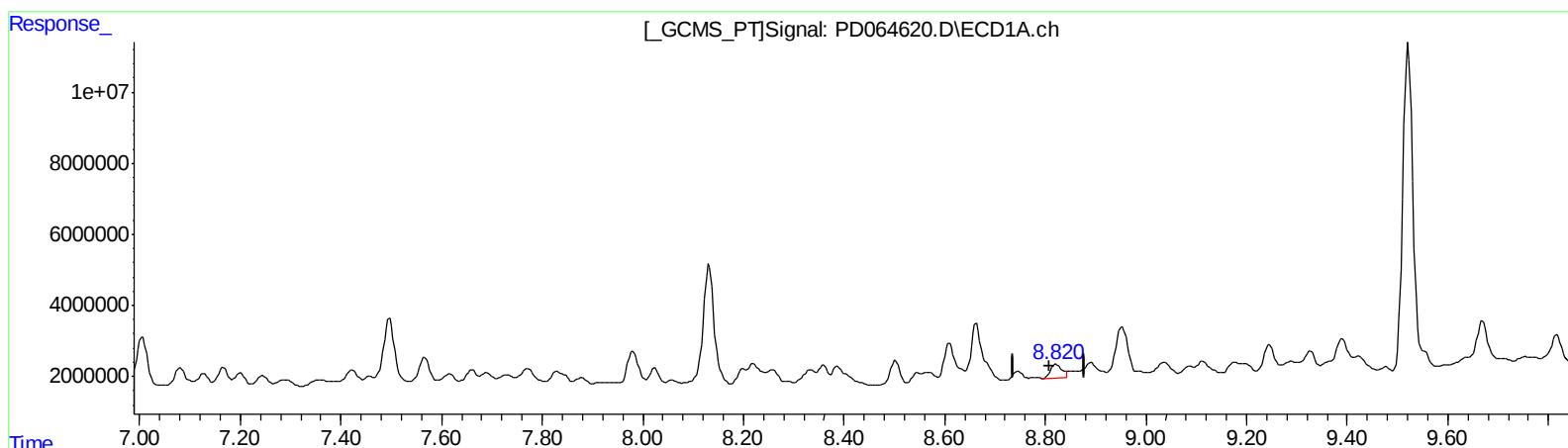
Instrument :
ECD_D
ClientSampleId :
C0070

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

(14) Endrin (MA)

8.822min 4.504 ng/ml

response 5766676

(14) Endrin #2 (MA)

8.028min 0.511 ng/ml

response 2936780

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

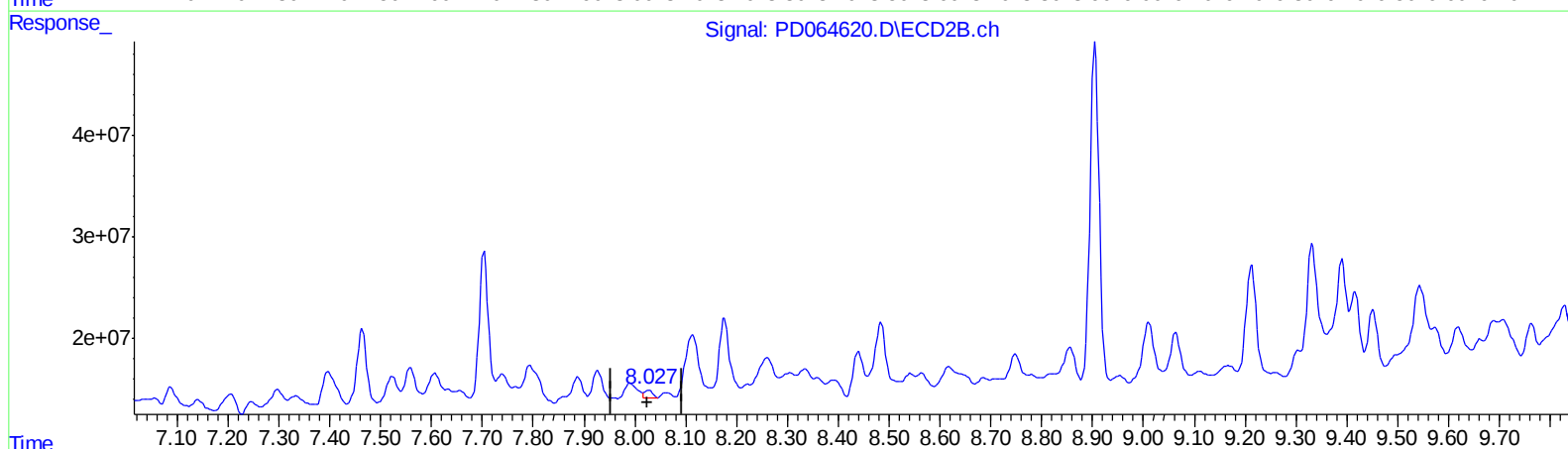
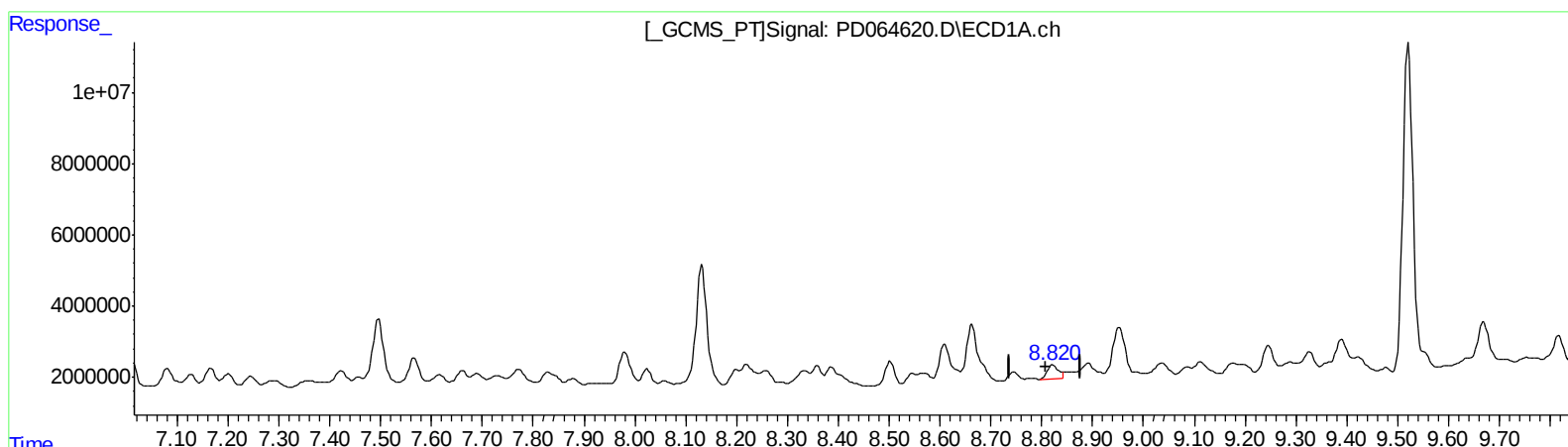
Instrument :
ECD_D
ClientSampleId :
C0070

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:15 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

(14) Endrin (MA)

8.822min 4.504 ng/ml

response 5766676

(14) Endrin #2 (MA)

8.027min 1.421 ng/ml m

response 8162781

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

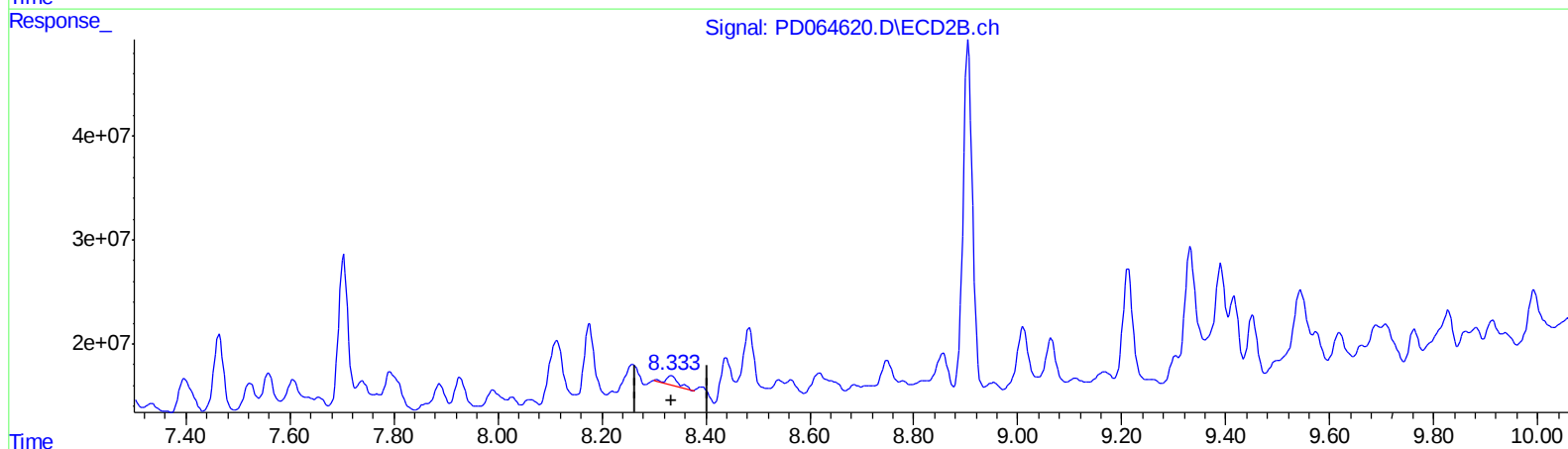
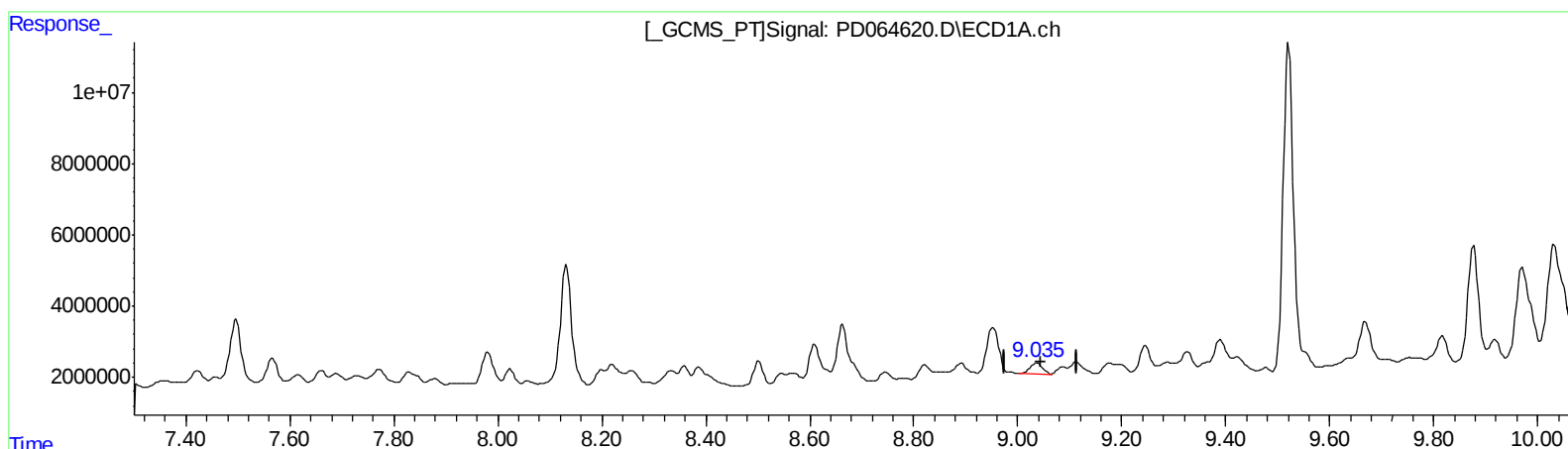
Instrument :
ECD_D
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C0070

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)
9.037min 3.819 ng/ml
response 4959928

(15) Endosulfan II #2 (B)
8.335min 2.158 ng/ml
response 12459484

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
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Misc :
ALS Vial : 52 Sample Multiplier: 1

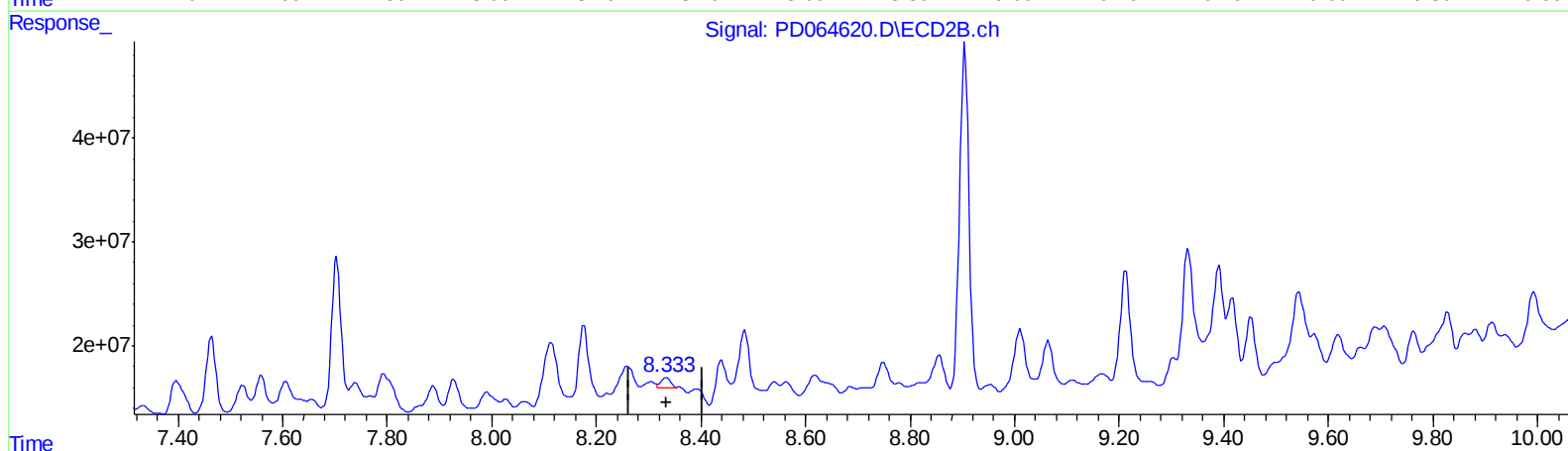
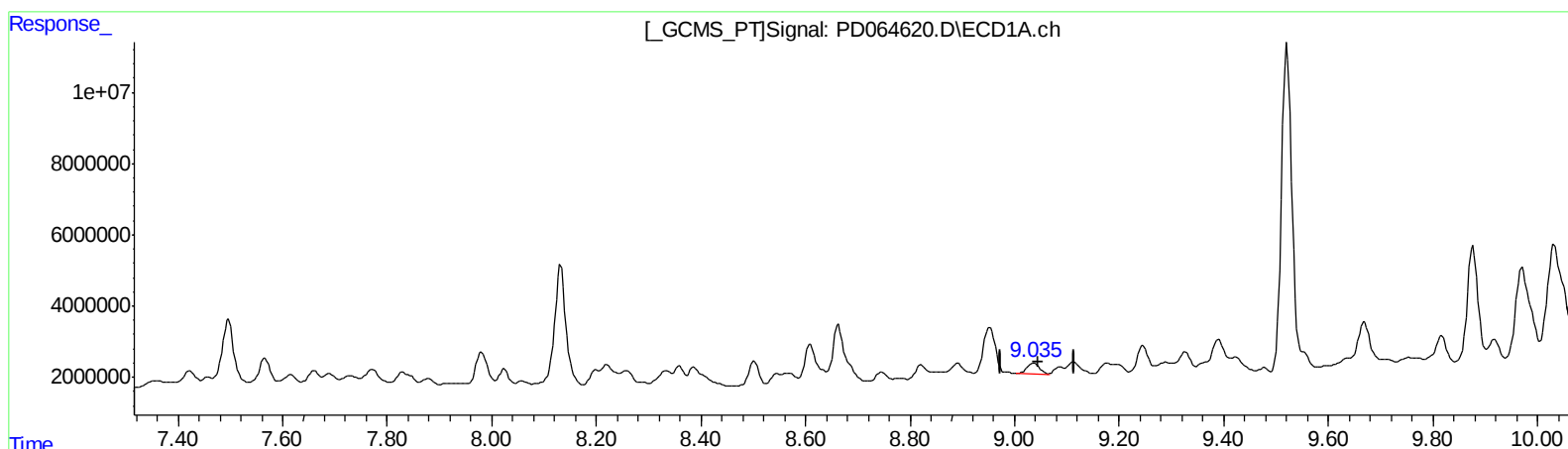
Instrument :
ECD_D
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C0070

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

(15) Endosulfan II (B)
9.037min 3.819 ng/ml
response 4959928

(15) Endosulfan II #2 (B)
8.333min 2.215 ng/ml m
response 12788478

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 06:54
Operator : AR\AJ
Sample : M3123-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

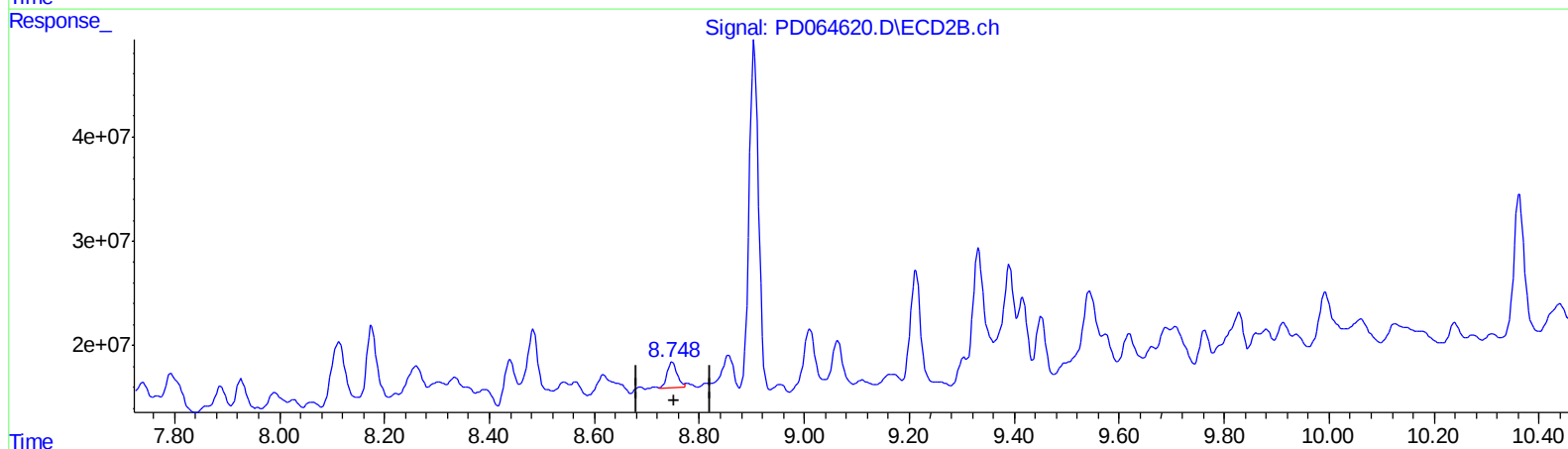
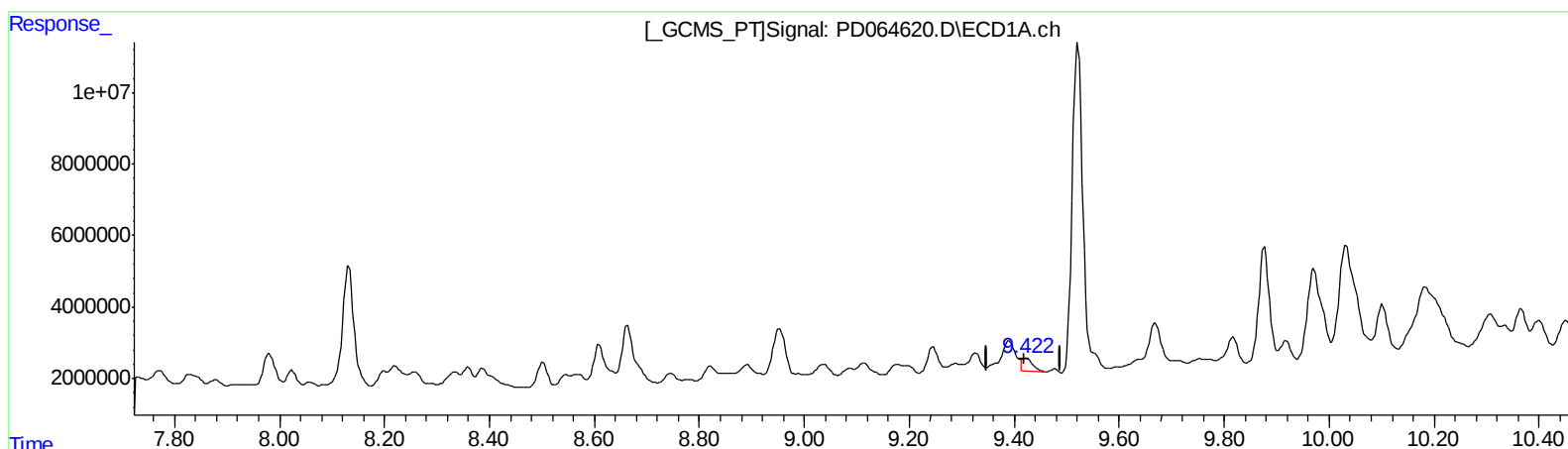
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ECD_D
ClientSampleId :
C0070

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

(19) Endosulfan Sulfate (B)

9.422min 3.937 ng/ml m

response 5425755

(19) Endosulfan Sulfate #2 (B)

8.748min 5.885 ng/ml m

response 31723929

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
 Data File : PD064620.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2021 06:54
 Operator : AR\AJ
 Sample : M3123-09
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0070

Manual Integrations
 APPROVED

mohammad
 8/2/2021 12:38:15 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 05:04:09 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

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

System Monitoring Compounds						
1) SA Tetrachlo...	5.407	4.618	30953792	176.0E6	25.949m	19.257 #
27) SA Decachlor...	11.304	10.363	39716452	185.2E6	30.171	31.151
Target Compounds						
3) MA gamma-BHC...	6.400	5.734	1061318	109.2E6	0.677	9.572 #
5) MB Aldrin	7.423	6.462	4296061	22795860	2.727	2.167
6) B beta-BHC	6.638	6.122	585306	106.3E6	0.750	17.528m#
7) B delta-BHC	6.906	6.356	3299930	57319051	1.896m	5.276m#
9) A Endosulfan I	8.258	7.464	5087019	89677200	3.609	11.662 #
10) B trans-Chl...	8.130	7.332	50683730	10906112	31.628m	1.202m#
11) B cis-Chlor...	8.221	7.397	9614311	55856470	6.171	6.279
13) MA Dieldrin	8.568	7.738	2549191	15858238	1.709	1.974m
14) MA Endrin	8.822	8.027	5766676	8162781	4.504	1.421m#
15) B Endosulfa...	9.037	8.333	4959928	12788478	3.819	2.215m#
16) A 4,4'-DDD	8.953	8.176	21421883	86368158	17.451	14.996
19) B Endosulfa...	9.422	8.748	5425755	31723929	3.937m	5.885m#

AJ
 08/03/21

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