

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 09:17
Operator : AR\AJ
Sample : M3123-20
Misc :
ALS Vial : 61 Sample Multiplier: 1

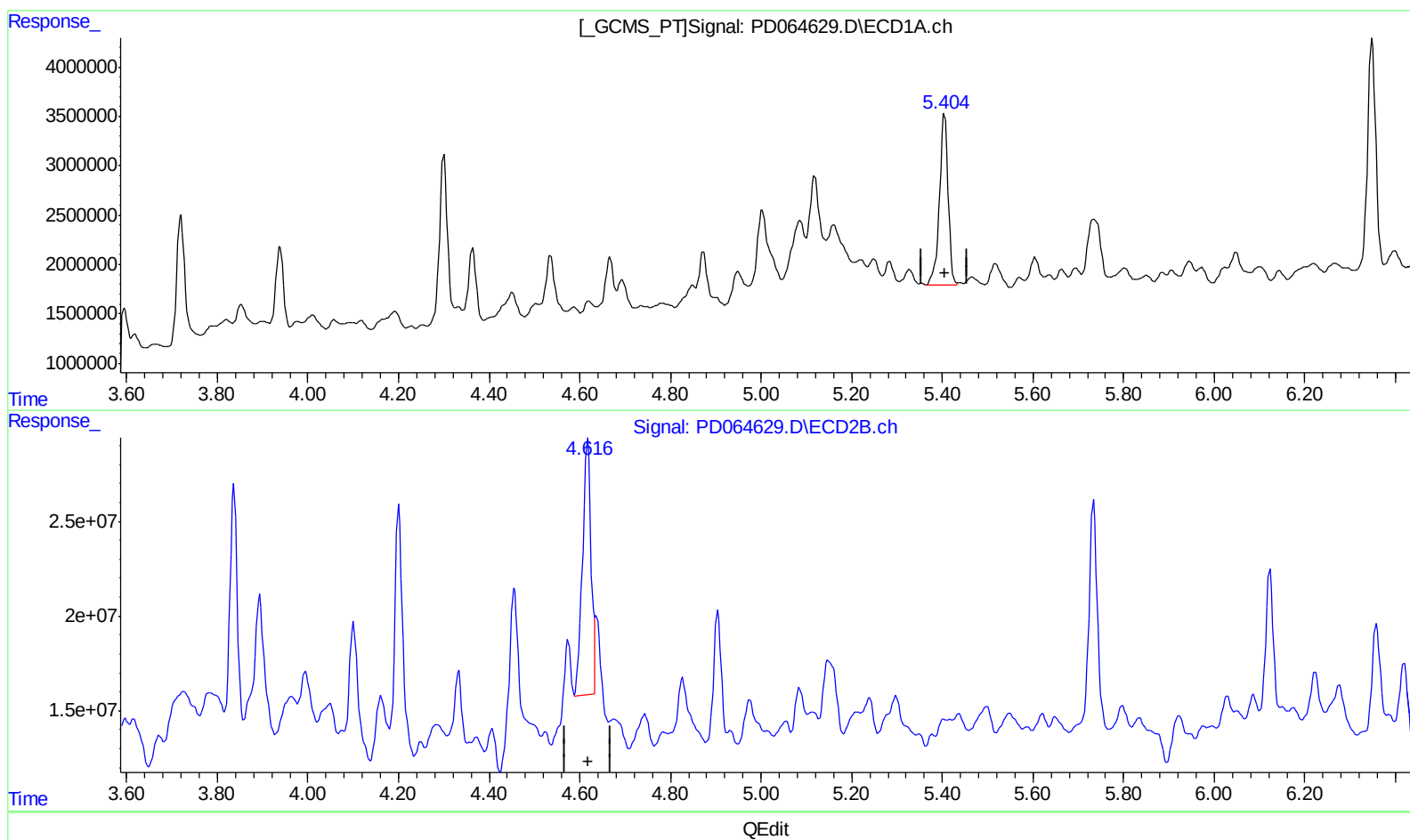
Instrument :
ECD_D
ClientSampleId :
C0081

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:41 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 06:00:54 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)

5.404min 19.207 ng/ml m

response 22911470

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

4.616min 19.054 ng/ml m

response 174112709

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064629.D
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Acq On : 31 Jul 2021 09:17
Operator : AR\AJ
Sample : M3123-20
Misc :
ALS Vial : 61 Sample Multiplier: 1

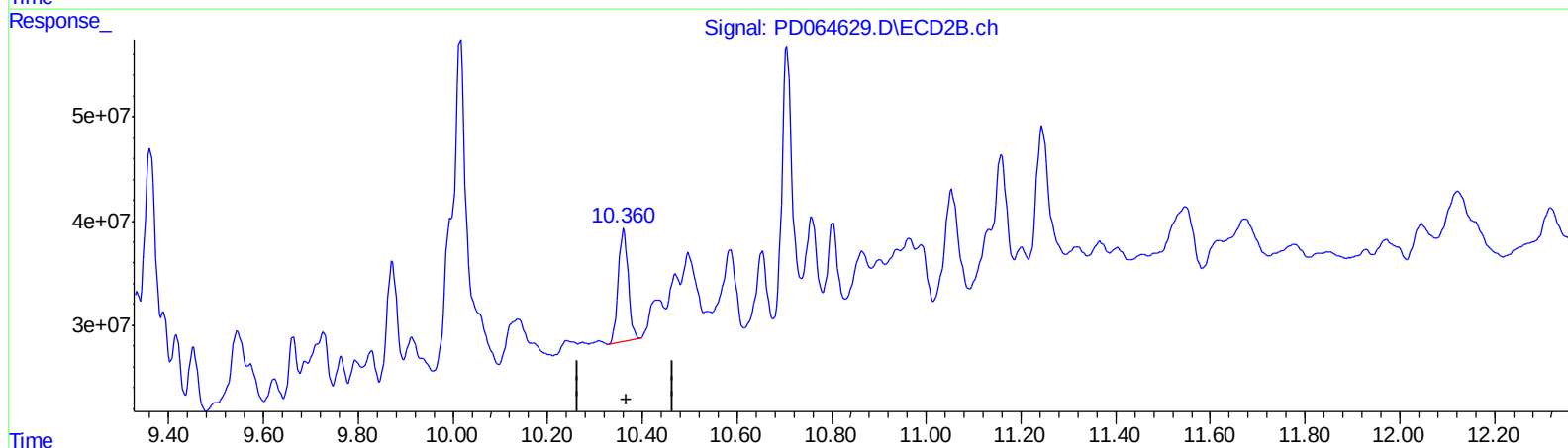
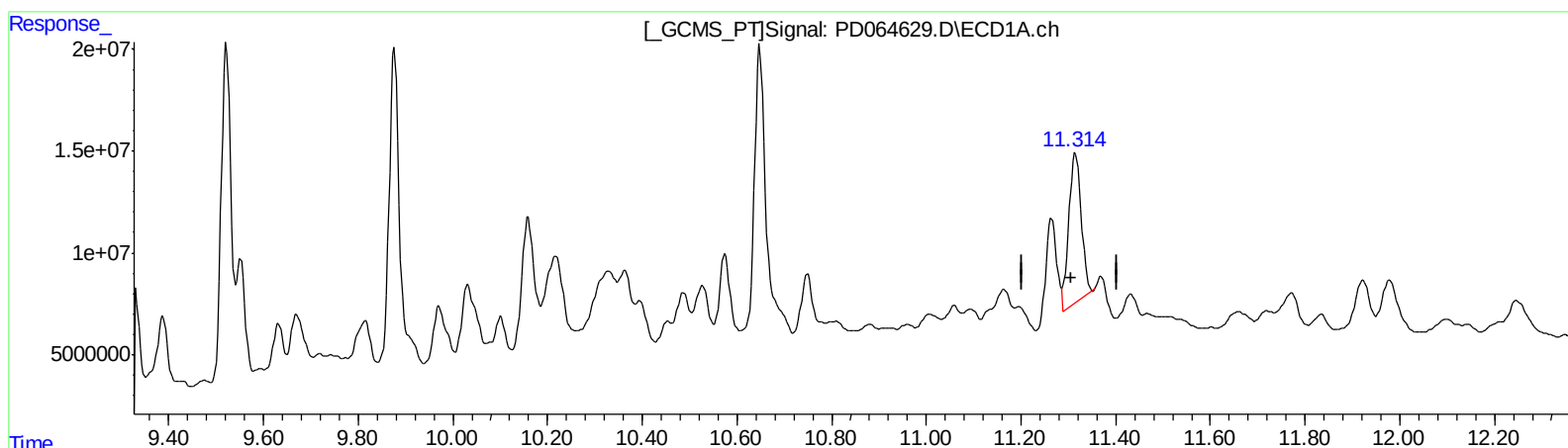
Instrument :
ECD_D
ClientSampleId :
C0081

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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

(27) Decachlorobiphenyl (SA)

11.315min 104.654 ng/ml

response 137765195

(27) Decachlorobiphenyl #2 (SA)

10.361min 26.178 ng/ml

response 155675305

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 09:17
Operator : AR\AJ
Sample : M3123-20
Misc :
ALS Vial : 61 Sample Multiplier: 1

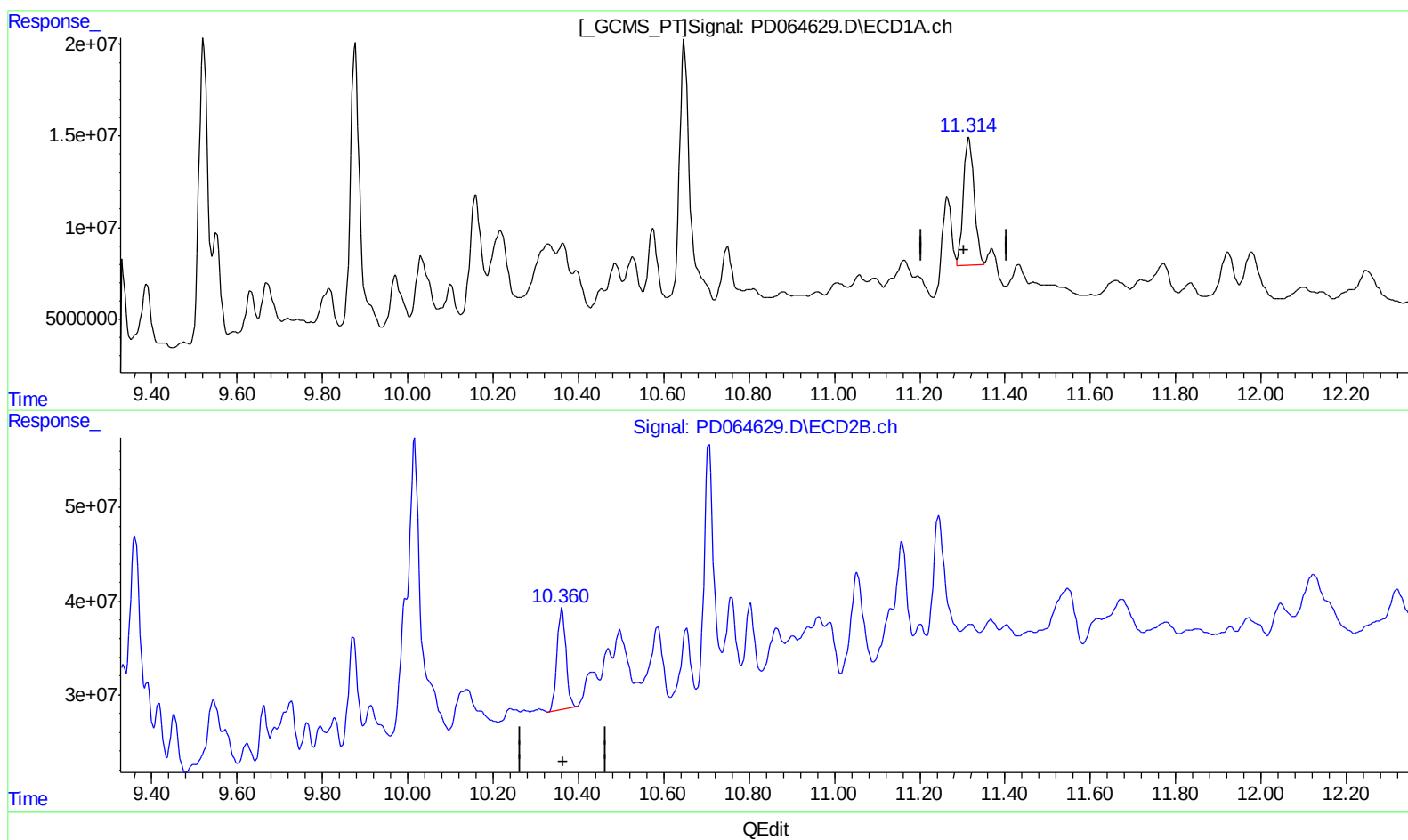
Instrument :
ECD_D
ClientSampleId :
C0081

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



(27) Decachlorobiphenyl (SA)

11.314min 92.836 ng/ml m

response 122208194

(27) Decachlorobiphenyl #2 (SA)

10.361min 26.178 ng/ml

response 155675305

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 09:17
Operator : AR\AJ
Sample : M3123-20
Misc :
ALS Vial : 61 Sample Multiplier: 1

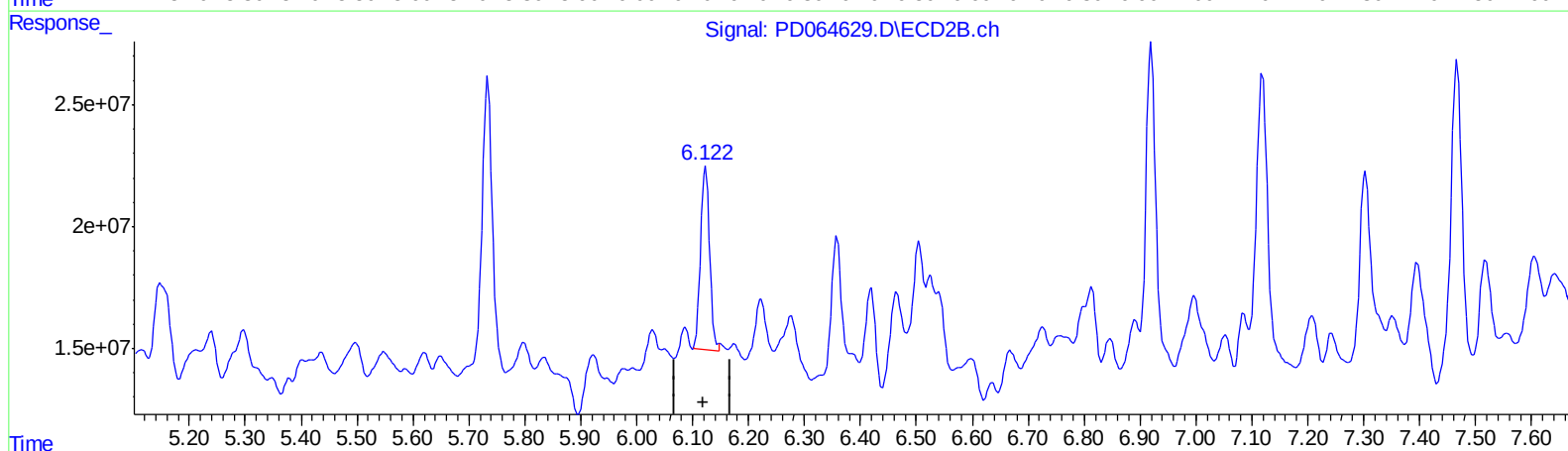
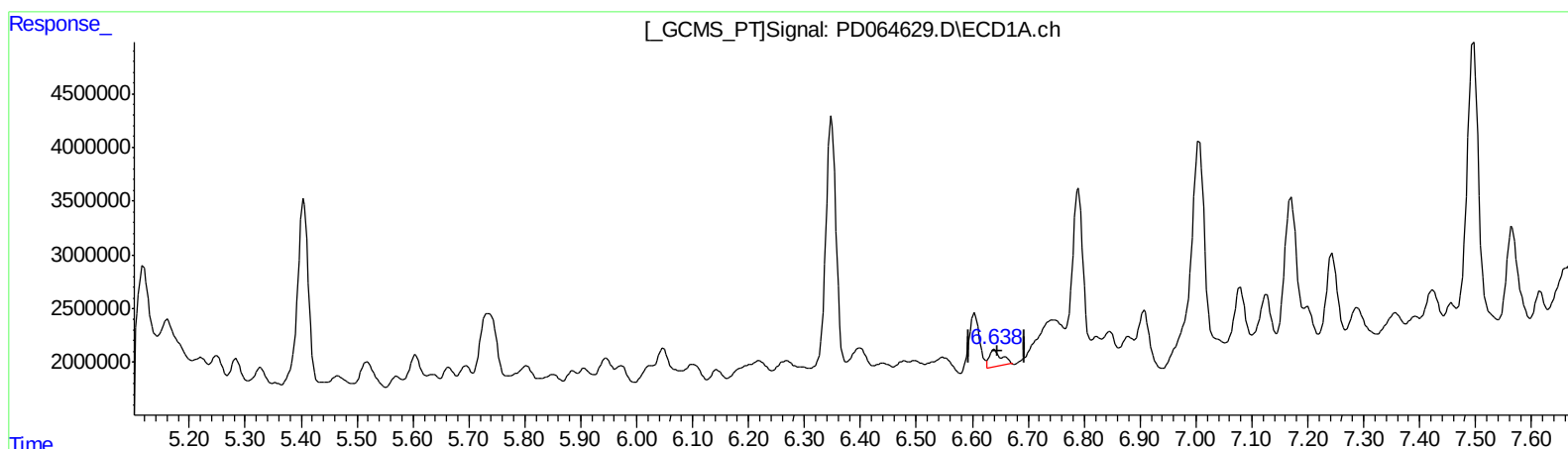
Instrument :
ECD_D
ClientSampled :
C0081

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)

6.639min 3.236 ng/ml

response 2524268

(6) beta-BHC #2 (B)

6.123min 13.689 ng/ml

response 83048888

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 09:17
Operator : AR\AJ
Sample : M3123-20
Misc :
ALS Vial : 61 Sample Multiplier: 1

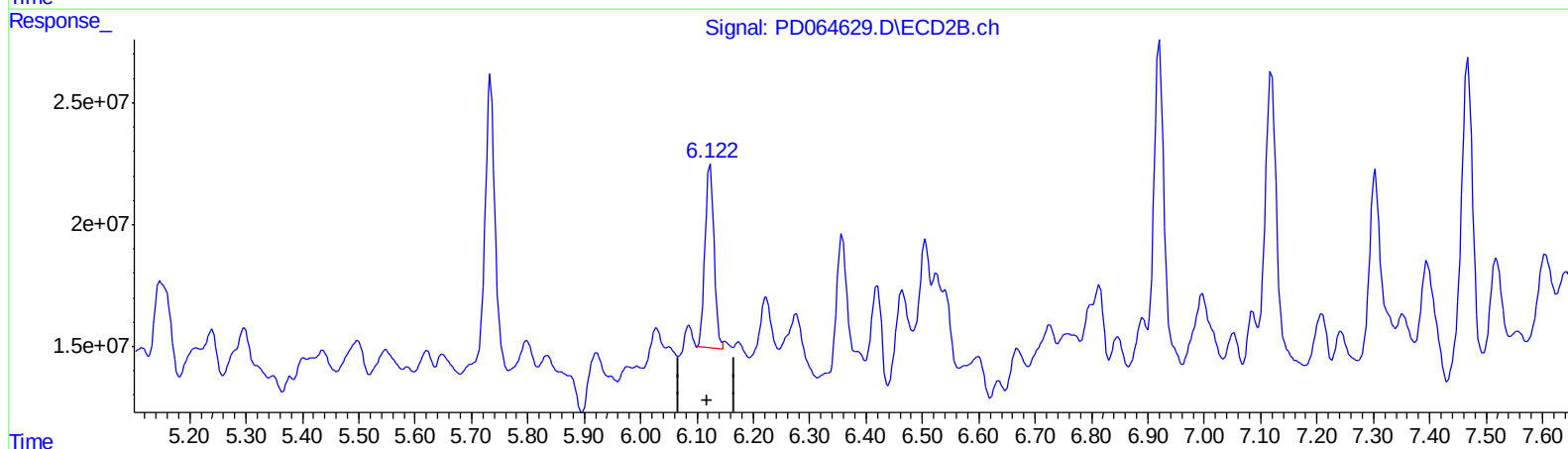
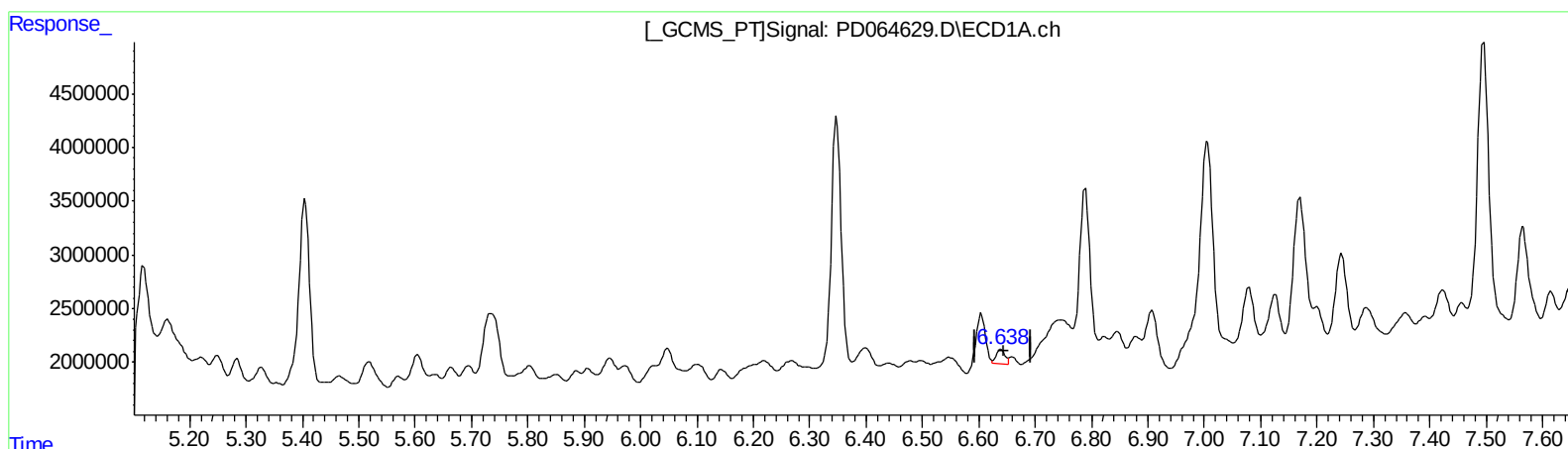
Instrument :
ECD_D
ClientSampled :
C0081

Manual Integrations
APPROVED

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

(6) beta-BHC (B)

6.638min 1.788 ng/ml m

response 1394760

(6) beta-BHC #2 (B)

6.123min 13.689 ng/ml

response 8304888

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 09:17
Operator : AR\AJ
Sample : M3123-20
Misc :
ALS Vial : 61 Sample Multiplier: 1

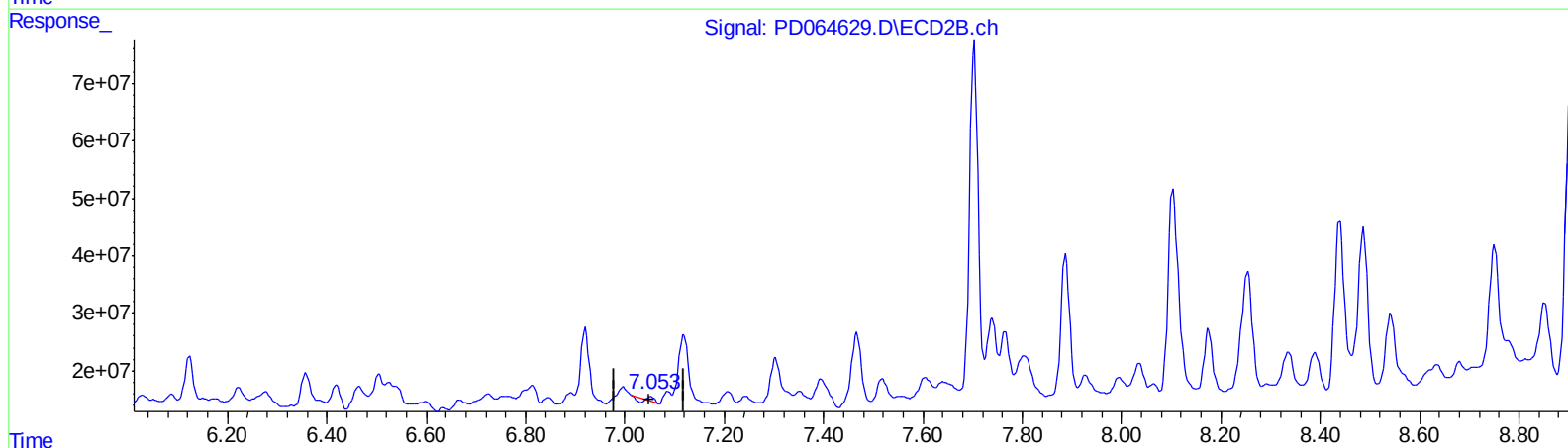
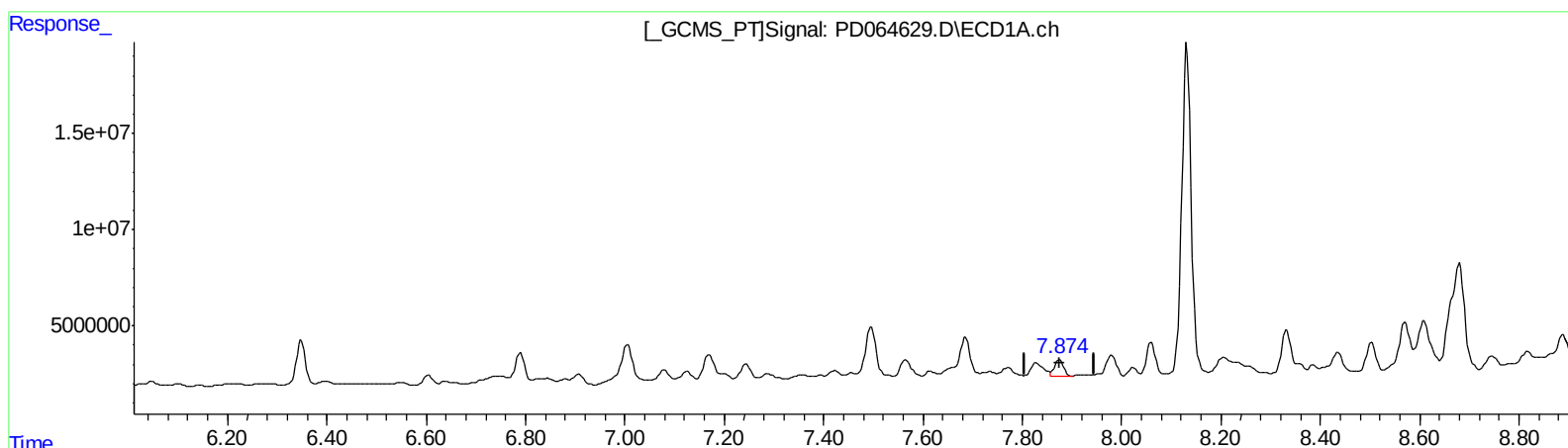
Instrument :
ECD_D
ClientSampleId :
C0081

Manual Integrations
APPROVED

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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

(8) Heptachlor epoxide (B)

7.876min 6.490 ng/ml

response 11141640

(8) Heptachlor epoxide #2 (B)

7.053min 0.190 ng/ml

response 1757534

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 09:17
Operator : AR\AJ
Sample : M3123-20
Misc :
ALS Vial : 61 Sample Multiplier: 1

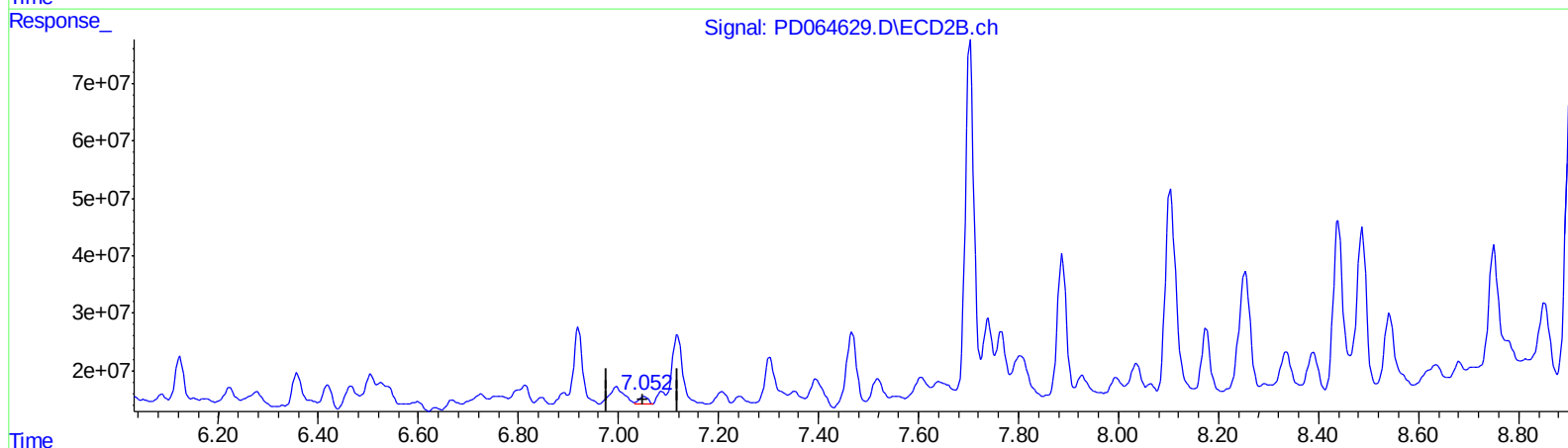
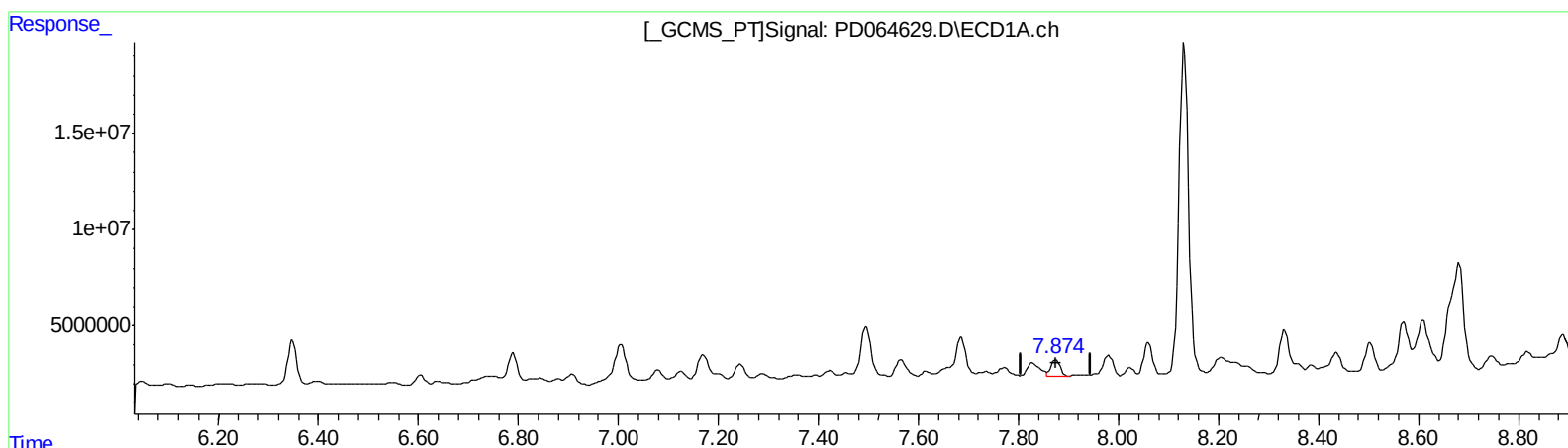
Instrument :
ECD_D
ClientSampleId :
C0081

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:41 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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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

(8) Heptachlor epoxide (B)

7.876min 6.490 ng/ml

response 11141640

(8) Heptachlor epoxide #2 (B)

7.052min 1.825 ng/ml m

response 16897441

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 09:17
Operator : AR\AJ
Sample : M3123-20
Misc :
ALS Vial : 61 Sample Multiplier: 1

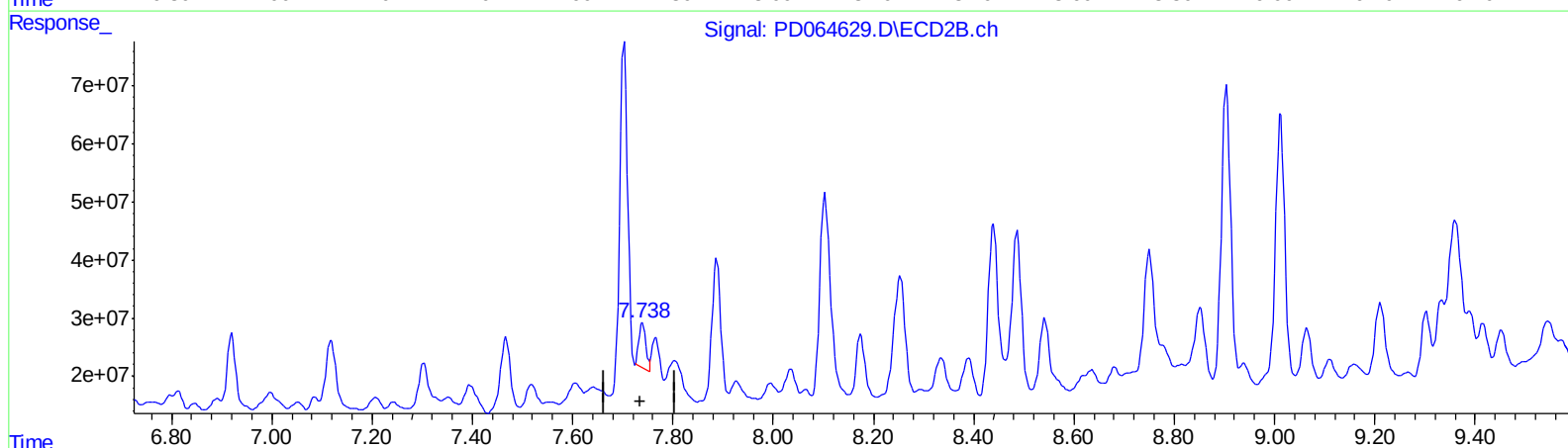
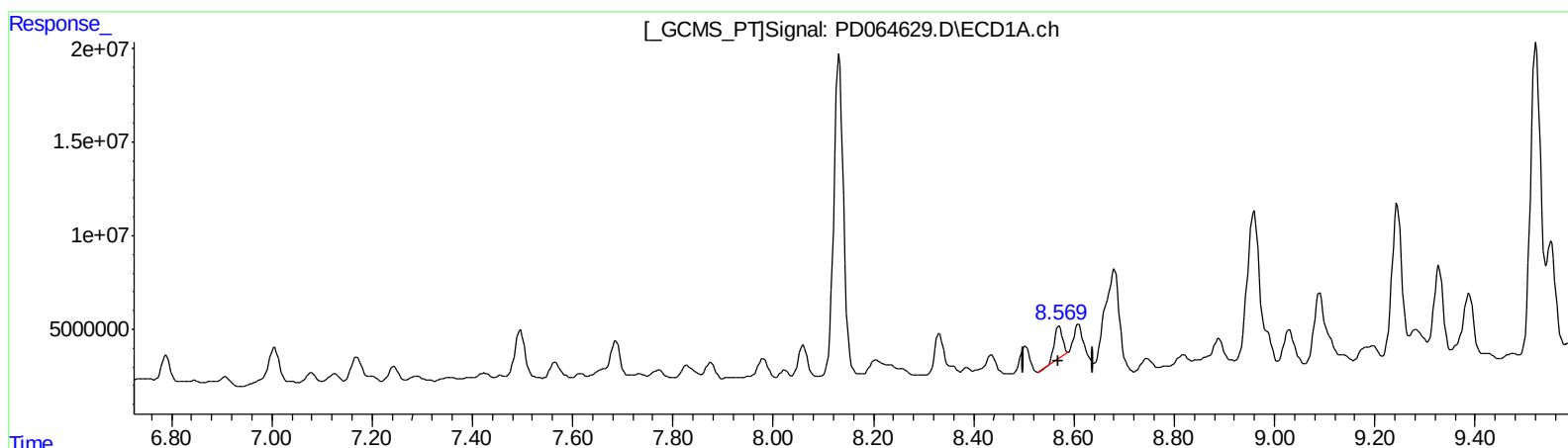
Instrument :
ECD_D
ClientSampleId :
C0081

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

(13) Dieldrin (MA)
8.571min 12.645 ng/ml
response 18857933

(13) Dieldrin #2 (MA)
7.740min 9.232 ng/ml
response 74146232

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 09:17
Operator : AR\AJ
Sample : M3123-20
Misc :
ALS Vial : 61 Sample Multiplier: 1

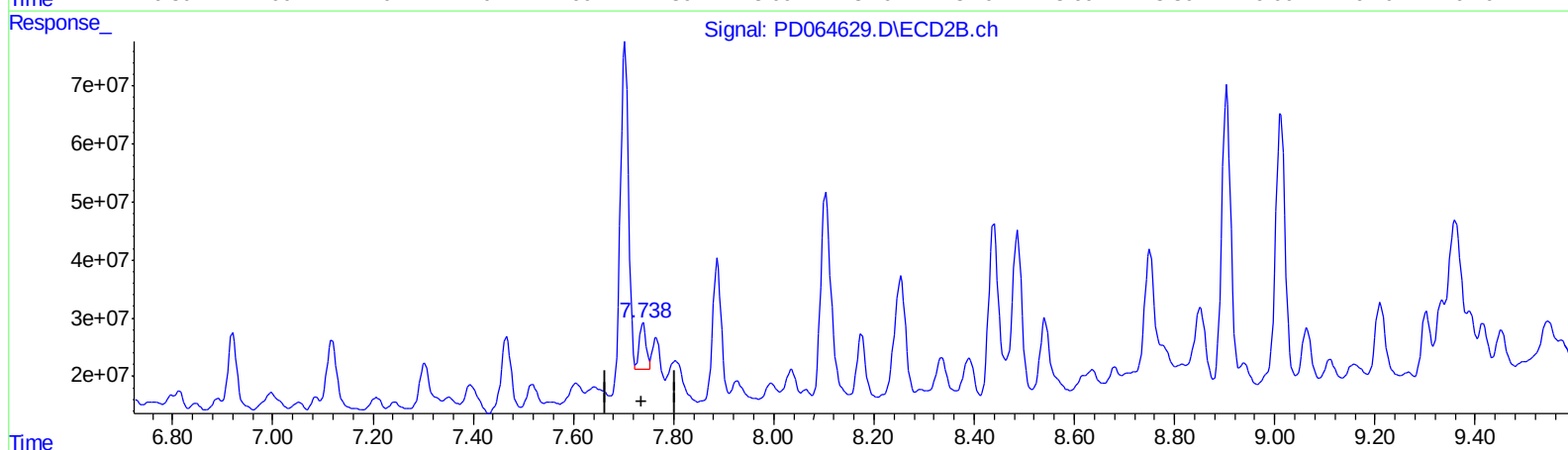
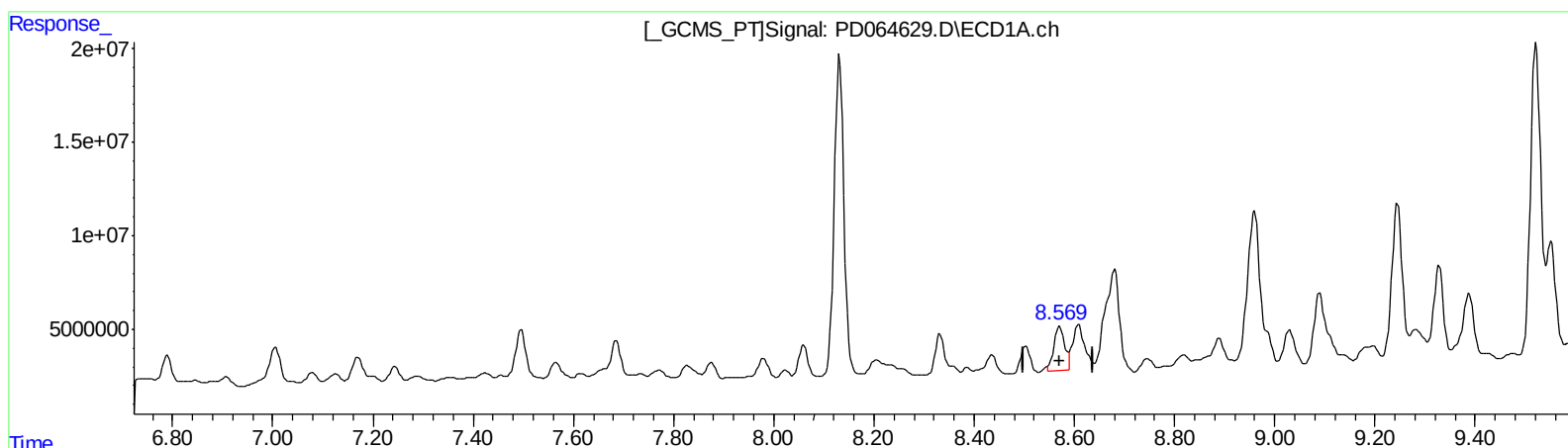
Instrument :
ECD_D
ClientSampleID :
C0081

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:41 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)
8.569min 22.505 ng/ml m
response 33560910

(13) Dieldrin #2 (MA)
7.738min 10.237 ng/ml m
response 82225274

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 09:17
Operator : AR\AJ
Sample : M3123-20
Misc :
ALS Vial : 61 Sample Multiplier: 1

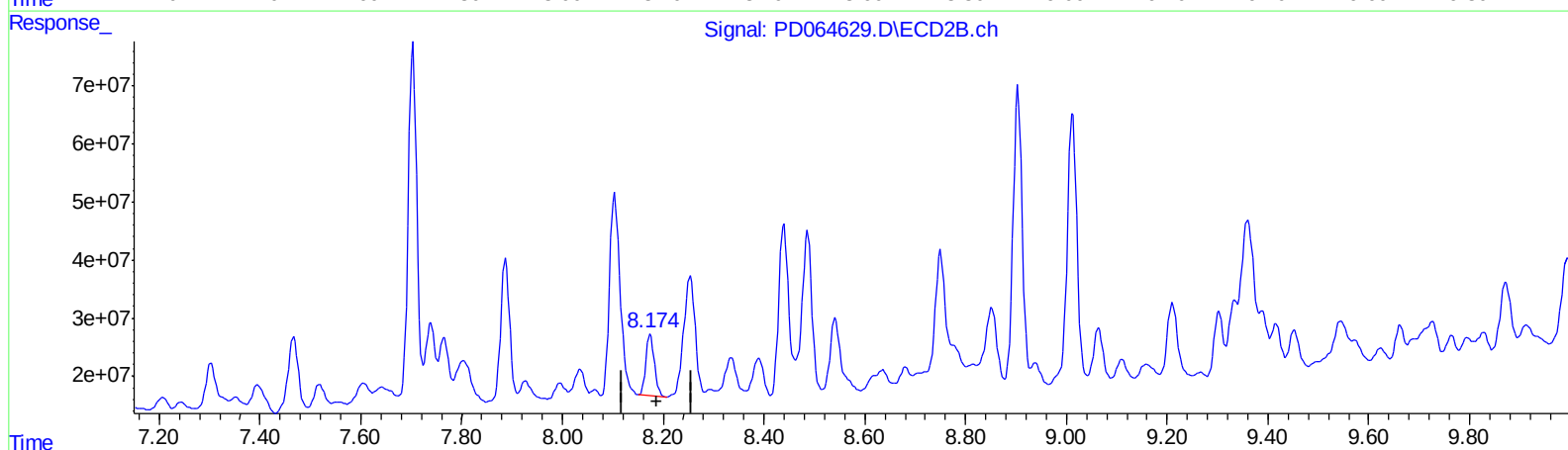
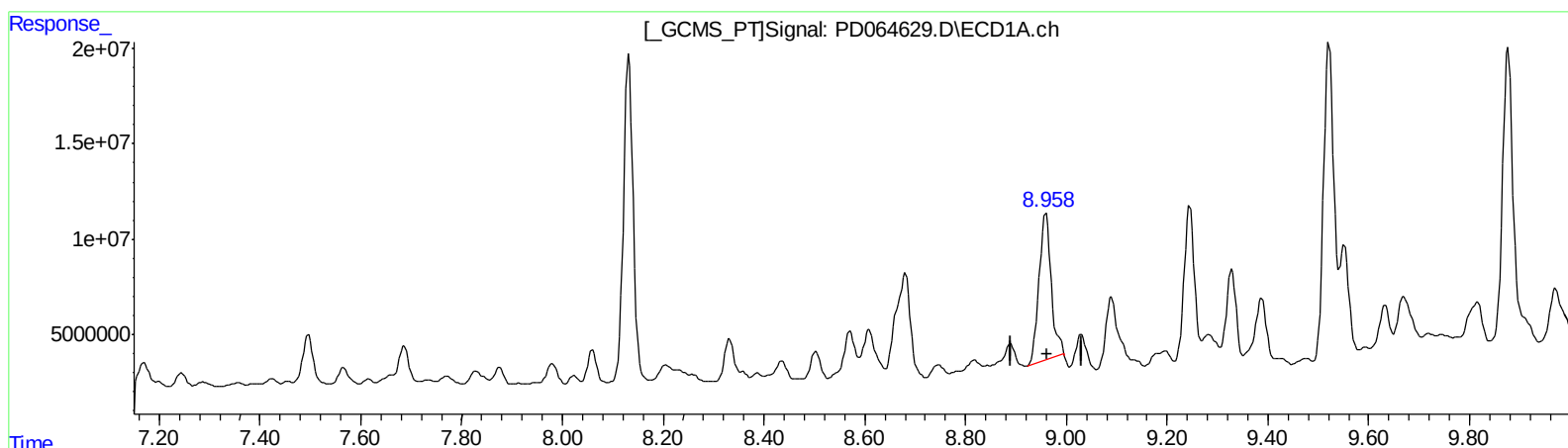
Instrument :
ECD_D
ClientSampled :
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Manual Integrations
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(16) 4,4'-DDD (A)
8.960min 104.066 ng/ml
response 127745507

(16) 4,4'-DDD #2 (A)
8.175min 21.311 ng/ml
response 122738618

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064629.D
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Acq On : 31 Jul 2021 09:17
Operator : AR\AJ
Sample : M3123-20
Misc :
ALS Vial : 61 Sample Multiplier: 1

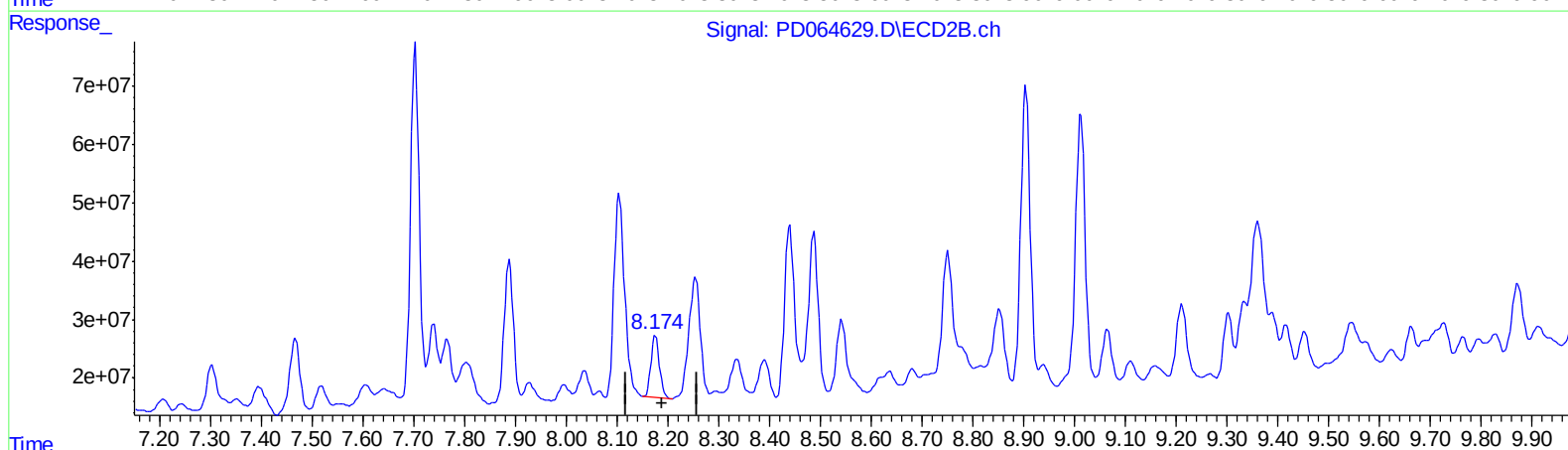
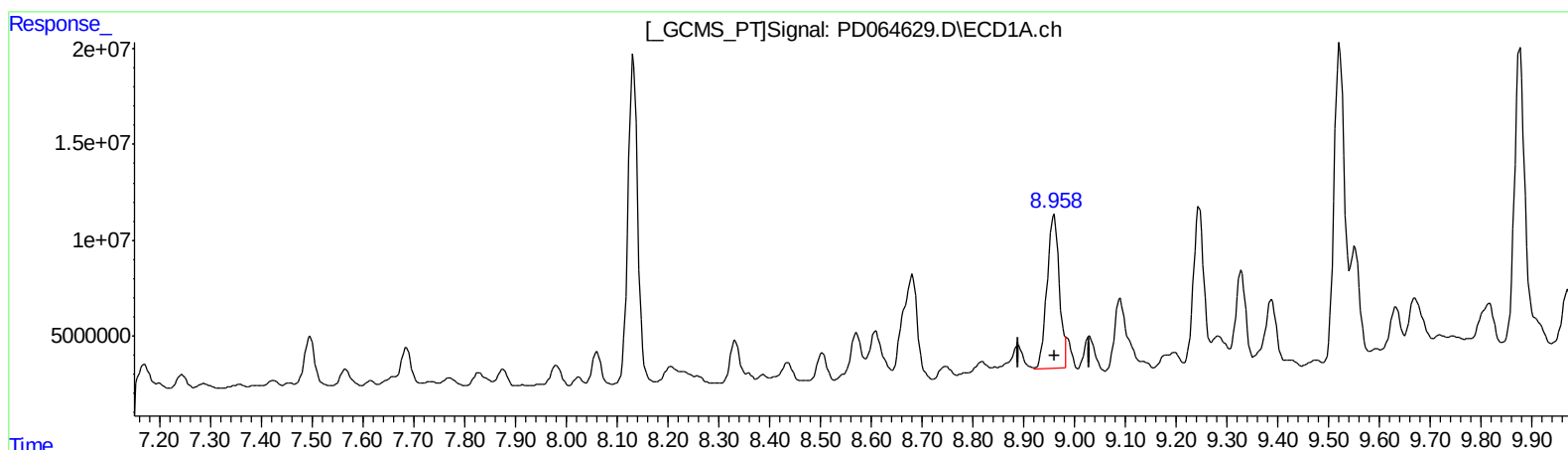
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ECD_D
ClientSampleId :
C0081

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

(16) 4,4'-DDD (A)
8.958min 108.780 ng/ml m
response 133533169

(16) 4,4'-DDD #2 (A)
8.175min 21.311 ng/ml
response 122738618

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
 Data File : PD064629.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2021 09:17
 Operator : AR\AJ
 Sample : M3123-20
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0081

Manual Integrations
 APPROVED

mohammad
 8/2/2021 12:38:41 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 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...	5.404	4.616	22911470	174.1E6	19.207m	19.054m
27) SA Decachlor...	11.314	10.361	122.2E6	155.7E6	92.836m	26.178 #

Target Compounds

3) MA gamma-BHC...	6.398	5.734	2692758	147.7E6	1.717	12.953 #
6) B beta-BHC	6.638	6.123	1394760	83048888	1.788m	13.689 #
8) B Heptachlo...	7.876	7.052	11141640	16897441	6.490	1.825m#
12) B 4,4'-DDE	8.436	7.605	13848104	46309616	9.608	6.138 #
13) MA Dieldrin	8.569	7.738	33560910	82225274	22.505m	10.237m#
14) MA Endrin	8.818	8.036	10293491	65874015	8.039	11.467 #
15) B Endosulfa...	9.030	8.336	24020142	77629819	18.497	13.448 #
16) A 4,4'-DDD	8.958	8.175	133.5E6	122.7E6	108.780m	21.311 #

AJ
 08/03/21

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