

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 07:26
Operator : AR\AJ
Sample : M3123-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

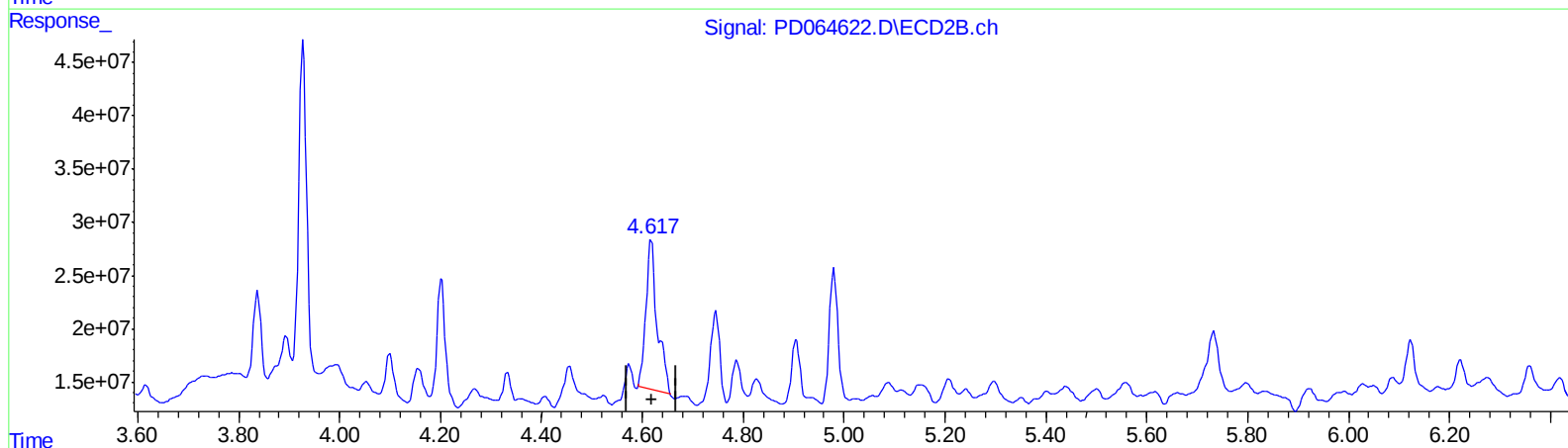
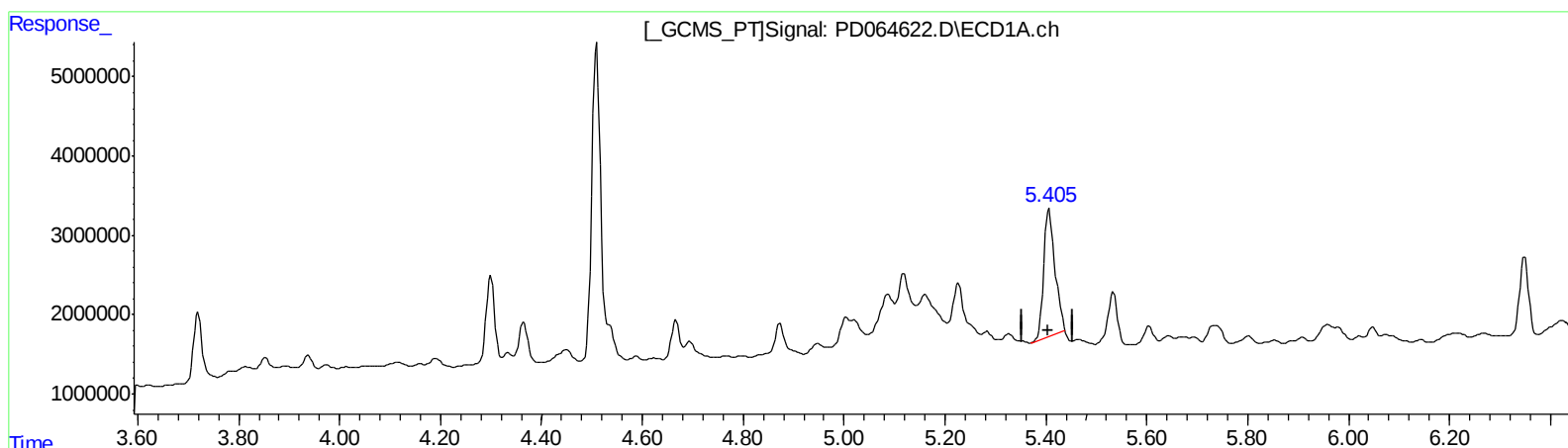
Instrument :
ECD_D
ClientSampleId :
C0072

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:21 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 05:19:07 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)

5.406min 20.854 ng/ml

response 24876480

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

4.618min 23.590 ng/ml

response 215563930

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 07:26
Operator : AR\AJ
Sample : M3123-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

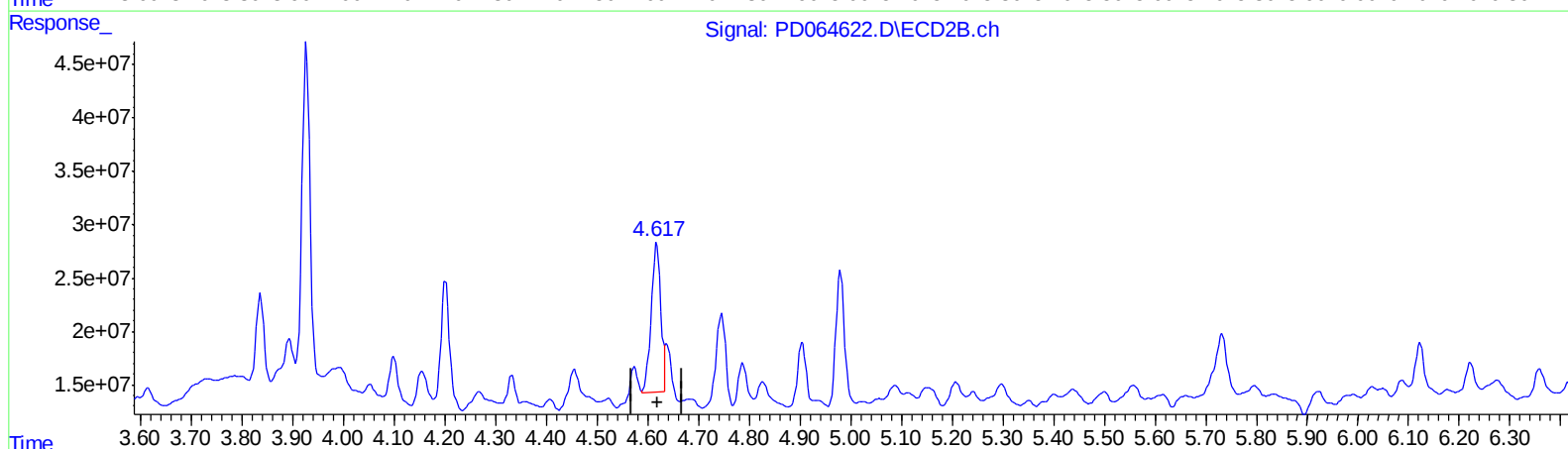
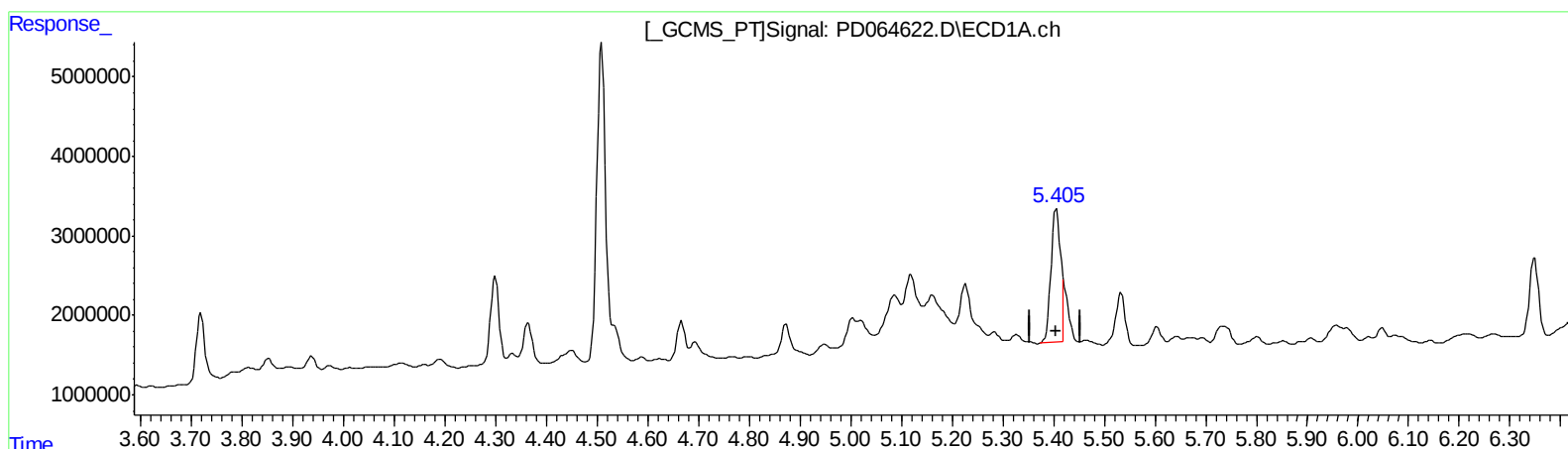
Instrument :
ECD_D
ClientSampled :
C0072

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:21 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

(1) Tetrachloro-m-xylene (SA)

5.405min 19.522 ng/ml m

response 23287030

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

4.617min 20.366 ng/ml m

response 186101547

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064622.D
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Acq On : 31 Jul 2021 07:26
Operator : AR\AJ
Sample : M3123-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

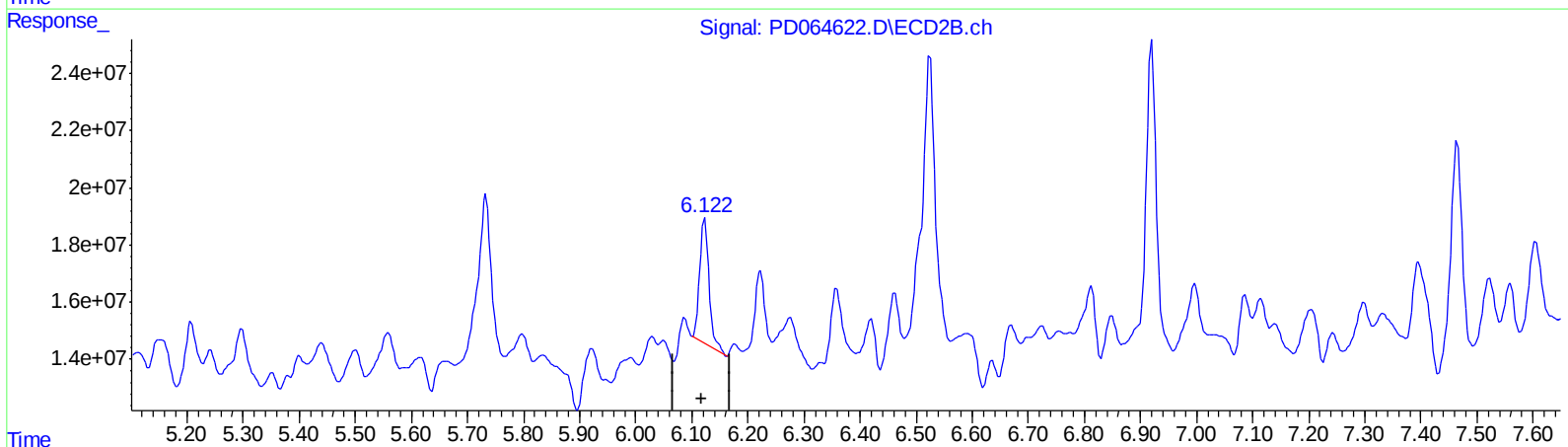
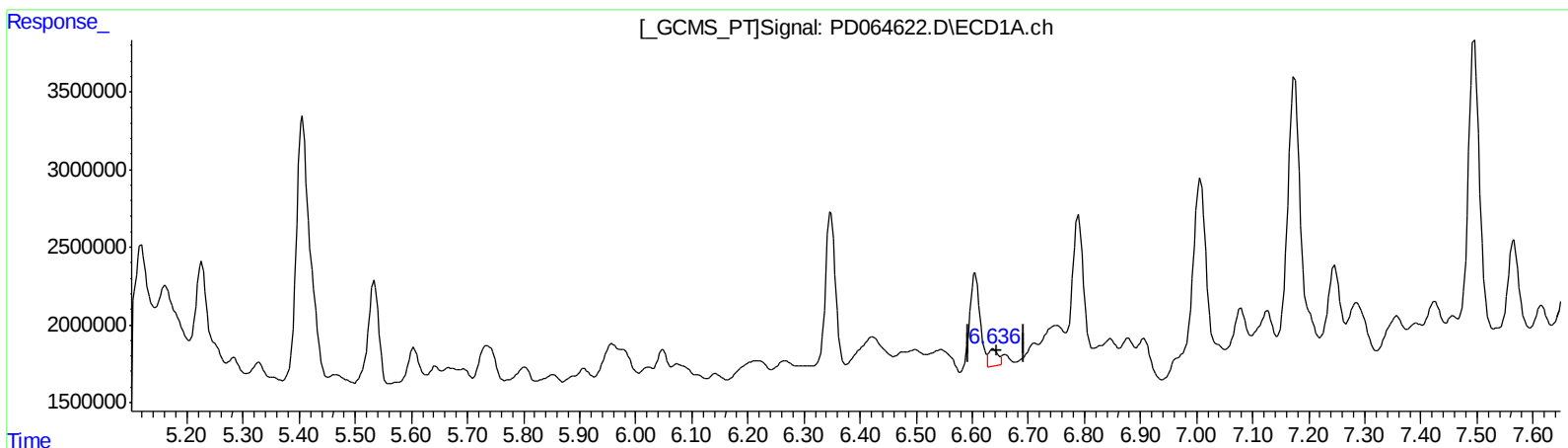
Instrument :
ECD_D
ClientSampleId :
C0072

Manual Integrations
APPROVED

mohammad
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Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
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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 1.642 ng/ml
response 1280869

(6) beta-BHC #2 (B)
6.123min 8.348 ng/ml
response 50648205

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
 Data File : PD064622.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2021 07:26
 Operator : AR\AJ
 Sample : M3123-11
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

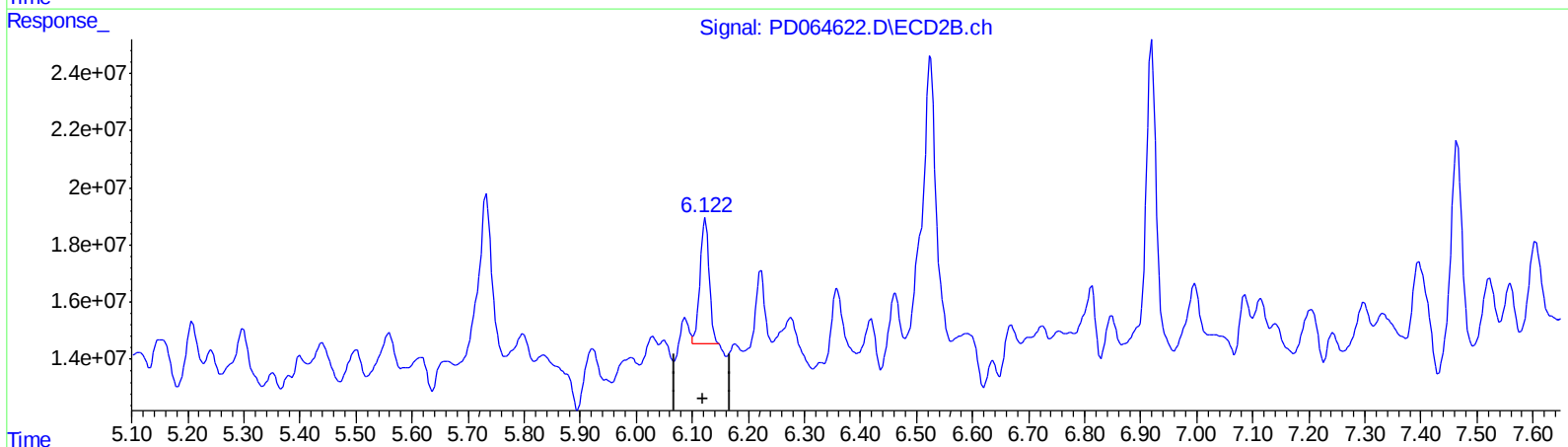
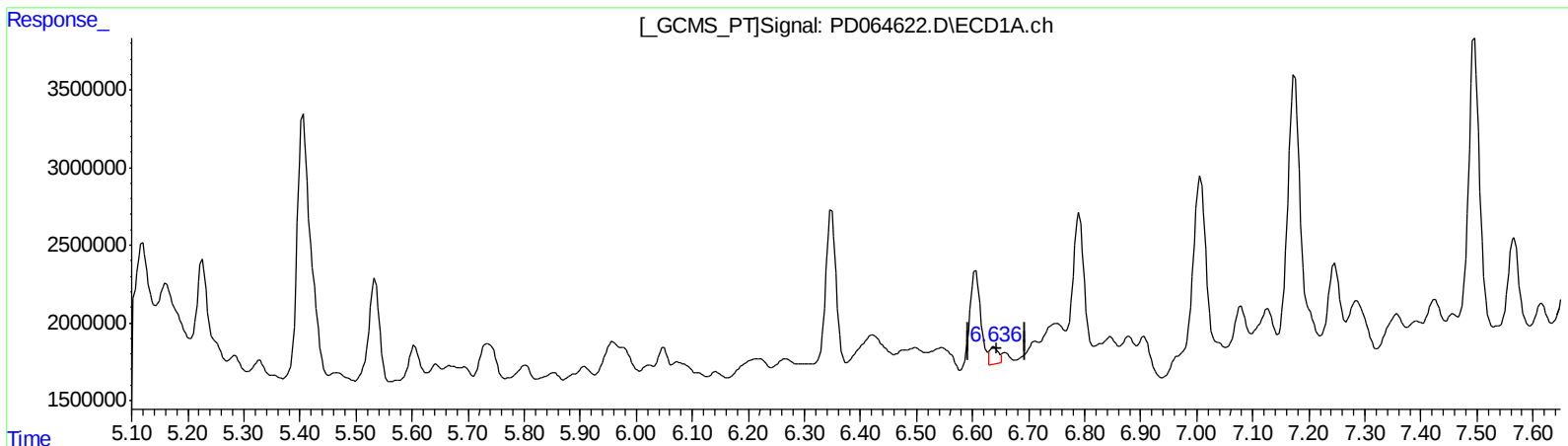
Instrument :
 ECD_D
 ClientSampleId :
 C0072

Manual Integrations
 APPROVED

mohammad
 8/2/2021 12:38:21 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 05:19:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
 Quant Title : GC Extractables
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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 1.642 ng/ml
 response 1280869

(6) beta-BHC #2 (B)
 6.122min 8.085 ng/ml m
 response 49051679

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 07:26
Operator : AR\AJ
Sample : M3123-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

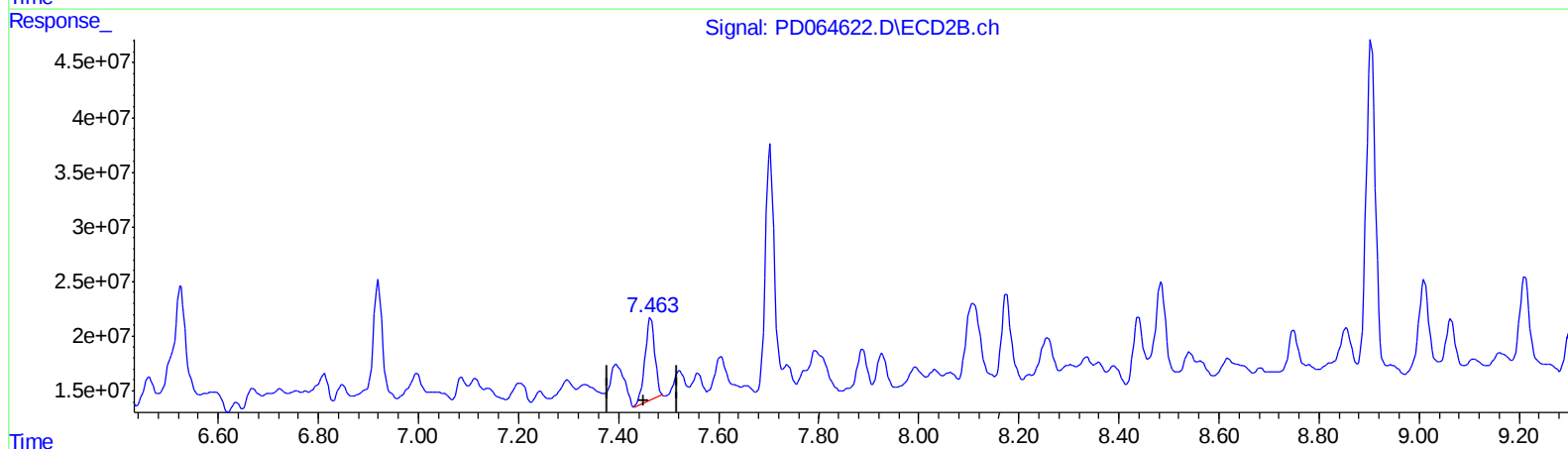
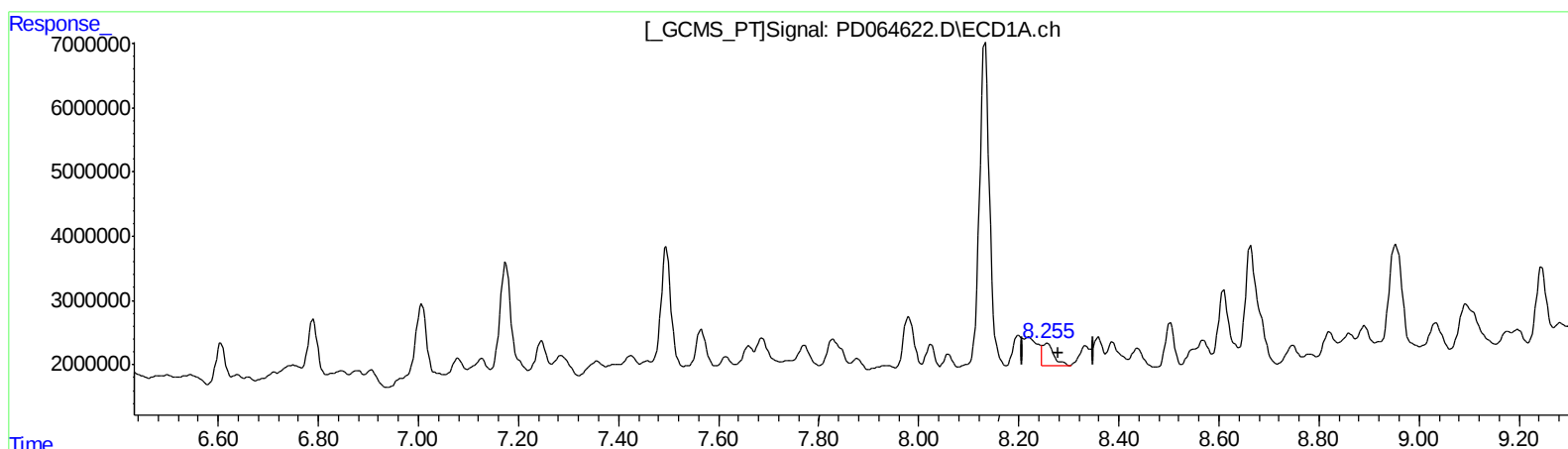
Instrument :
ECD_D
ClientSampleId :
C0072

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

(9) Endosulfan I (A)
8.256min 4.004 ng/ml
response 5643721

(9) Endosulfan I #2 (A)
7.465min 12.860 ng/ml
response 98886883

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 07:26
Operator : AR\AJ
Sample : M3123-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

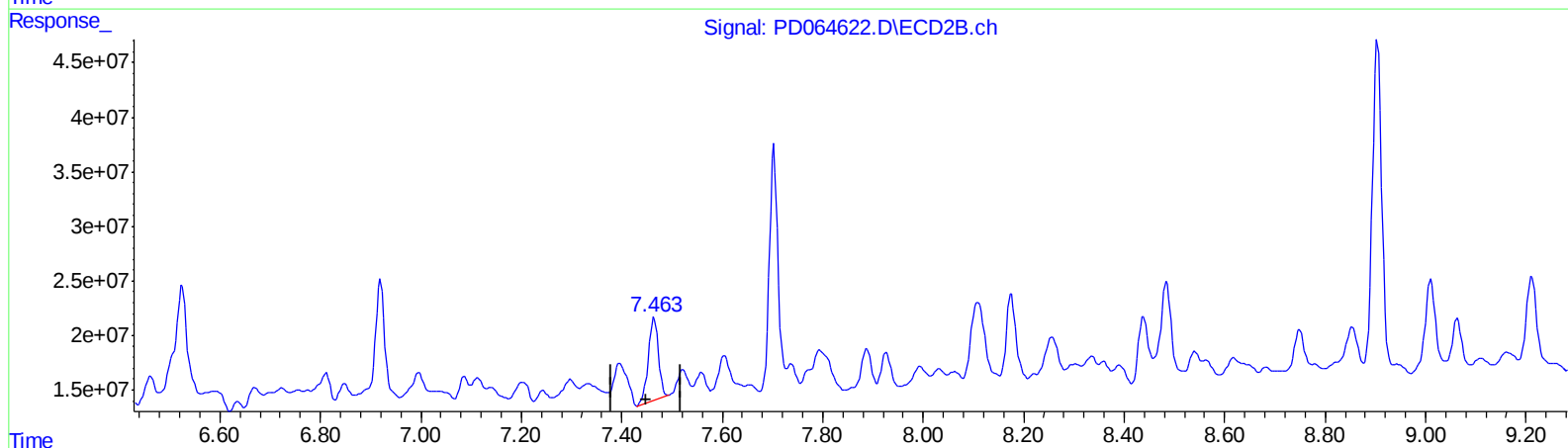
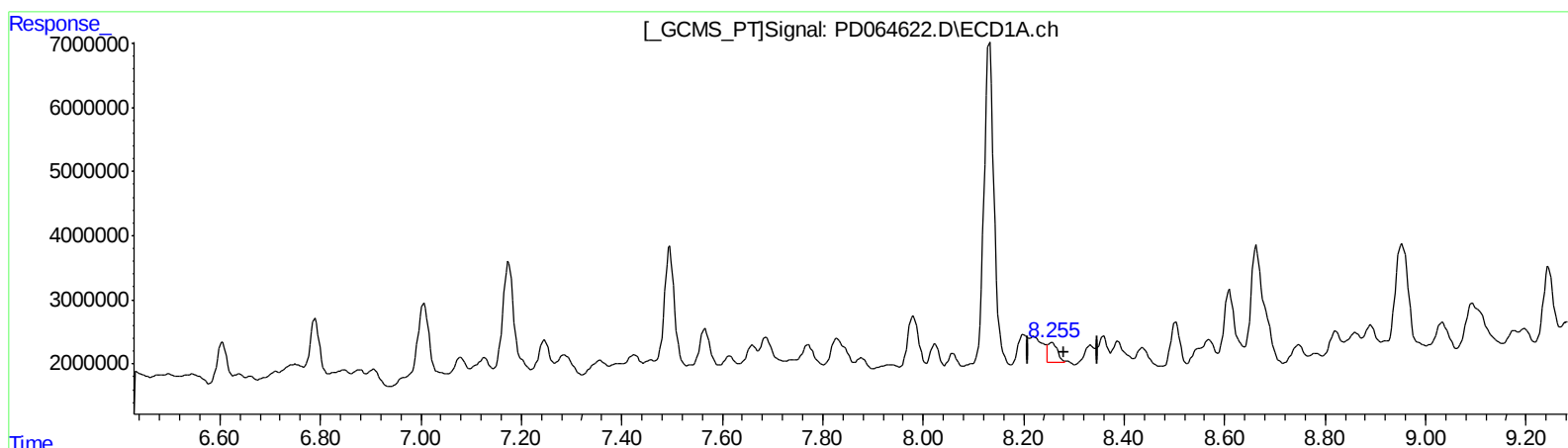
Instrument :
ECD_D
ClientSampleId :
C0072

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

(9) Endosulfan I (A)

8.255min	2.937 ng/ml m
response	4139920

(9) Endosulfan I #2 (A)
7.463min 13.723 ng/ml m
response 105520969

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
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Operator : AR\AJ
Sample : M3123-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

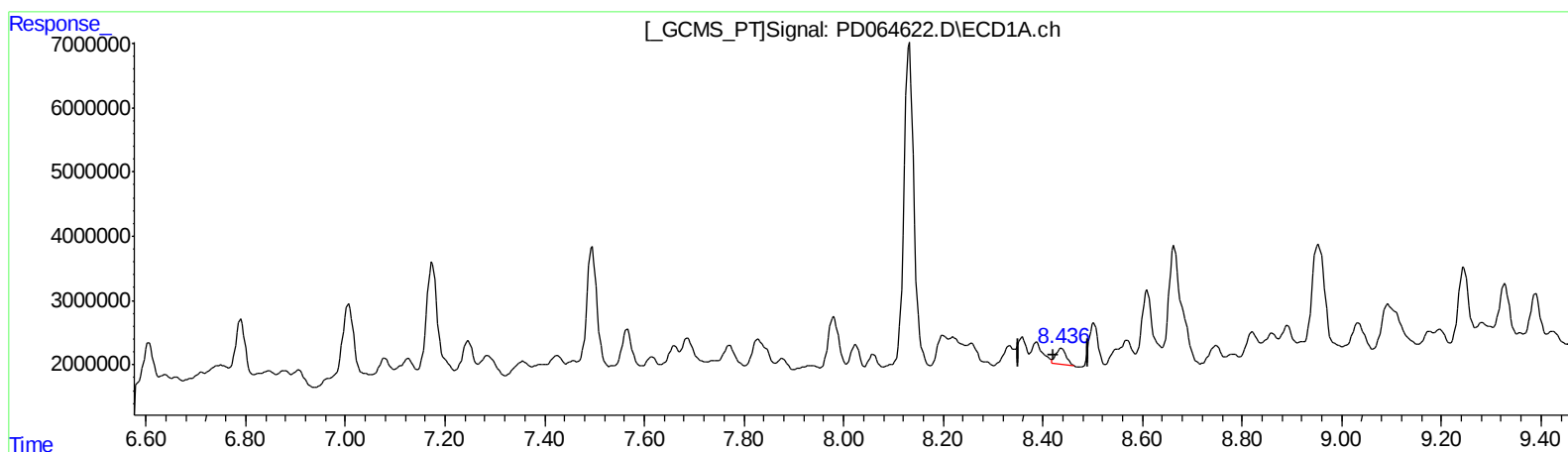
Instrument :
ECD_D
ClientSampleId :
C0072

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



(12) 4,4'-DDE (B)

8.437min 2.468 ng/ml

response 3557130

(12) 4,4'-DDE #2 (B)

7.605min 6.812 ng/ml

response 51394710

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
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Acq On : 31 Jul 2021 07:26
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Sample : M3123-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

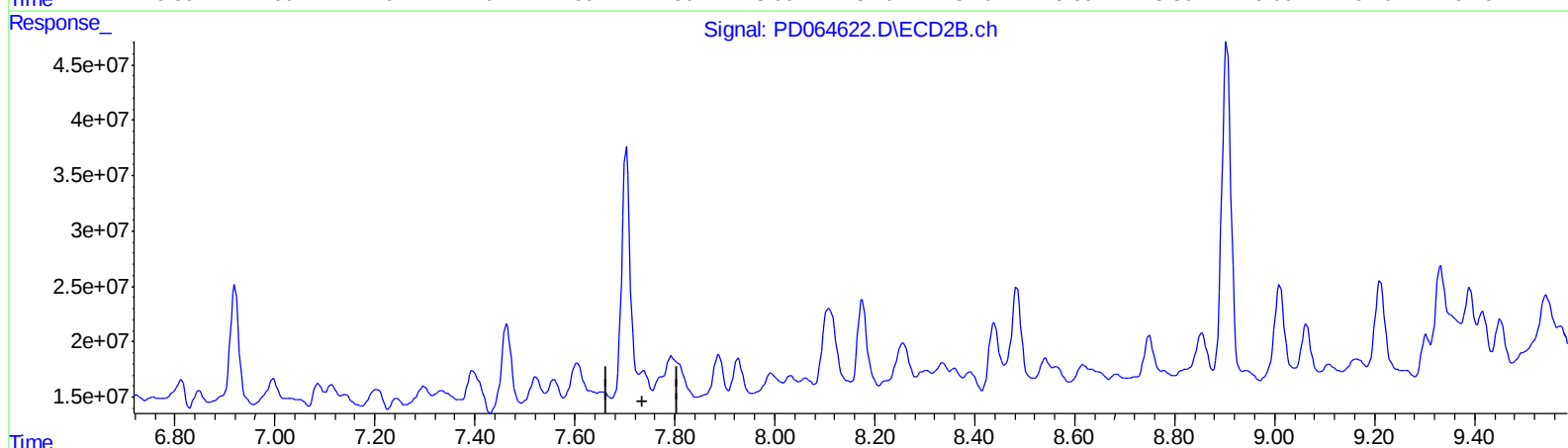
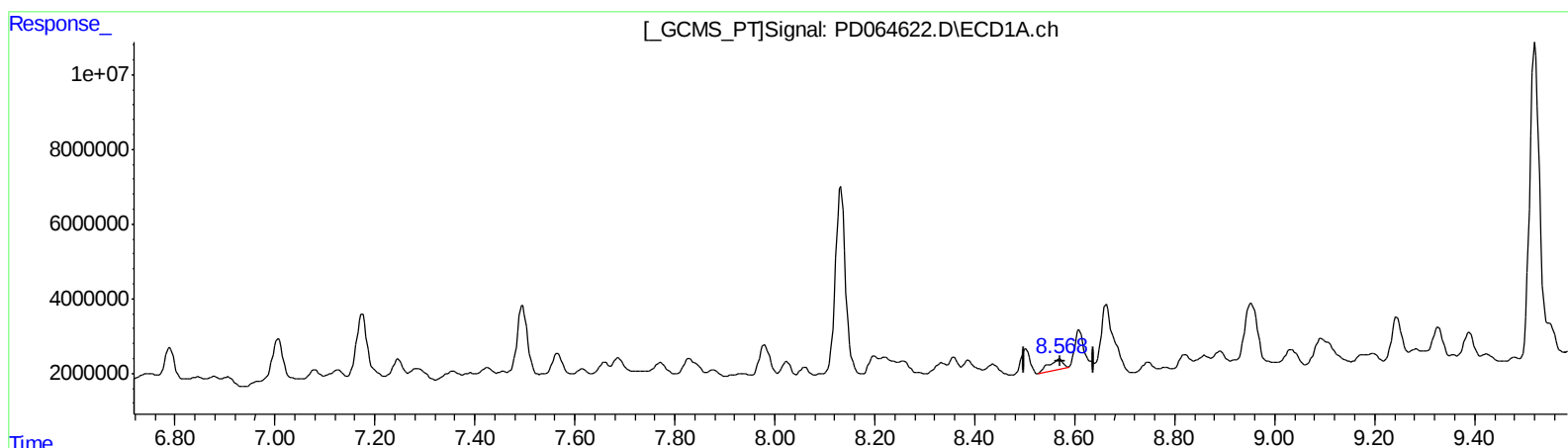
Instrument :
ECD_D
ClientSampleId :
C0072

Manual Integrations
APPROVED

mohammad
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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



QEdit

(13) Dieldrin (MA)
8.569min 3.515 ng/ml
response 5241170

(13) Dieldrin #2 (MA)
7.796min -10.933 ng/ml
response -87814666

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 07:26
Operator : AR\AJ
Sample : M3123-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

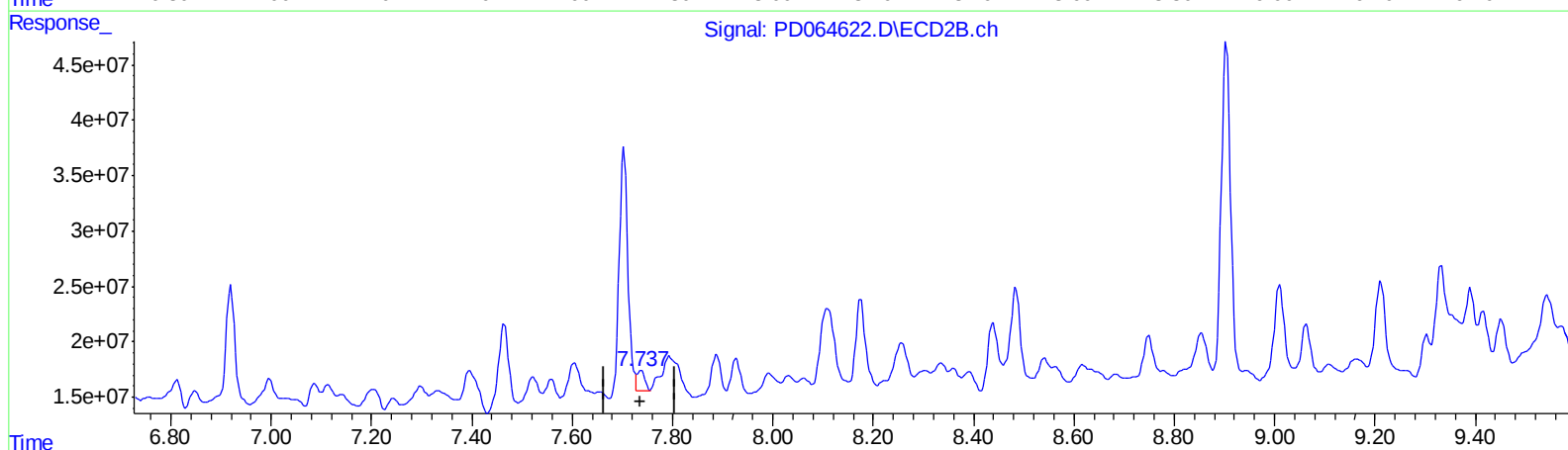
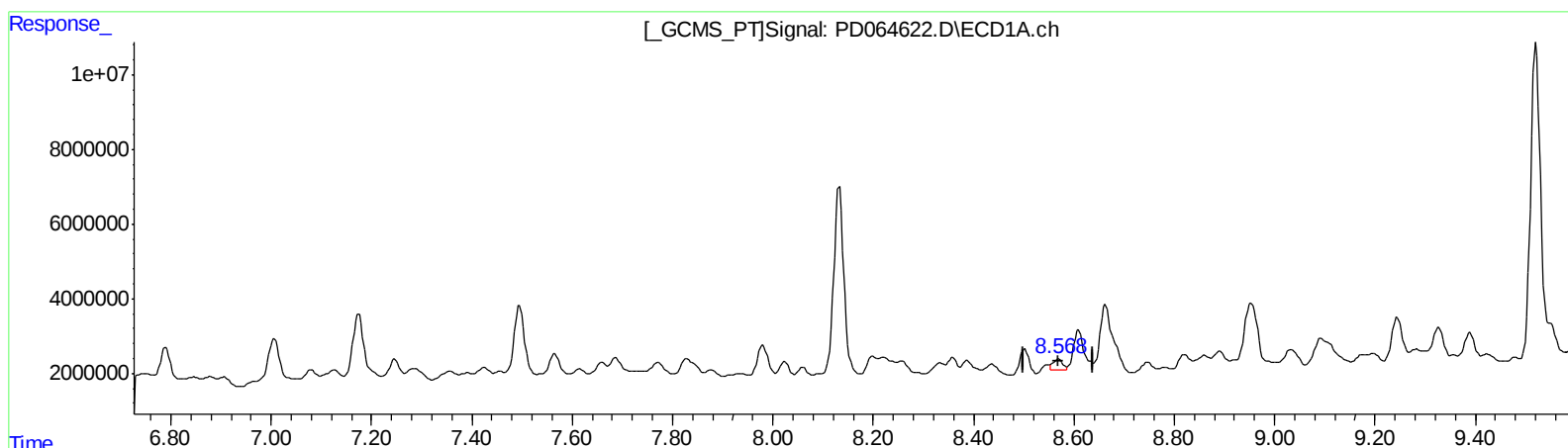
Instrument :
ECD_D
ClientSampleId :
C0072

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:21 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 05:19:07 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
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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)
8.568min 2.677 ng/ml m
response 3992172

(13) Dieldrin #2 (MA)
7.737min 2.510 ng/ml m
response 20156089

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 07:26
Operator : AR\AJ
Sample : M3123-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

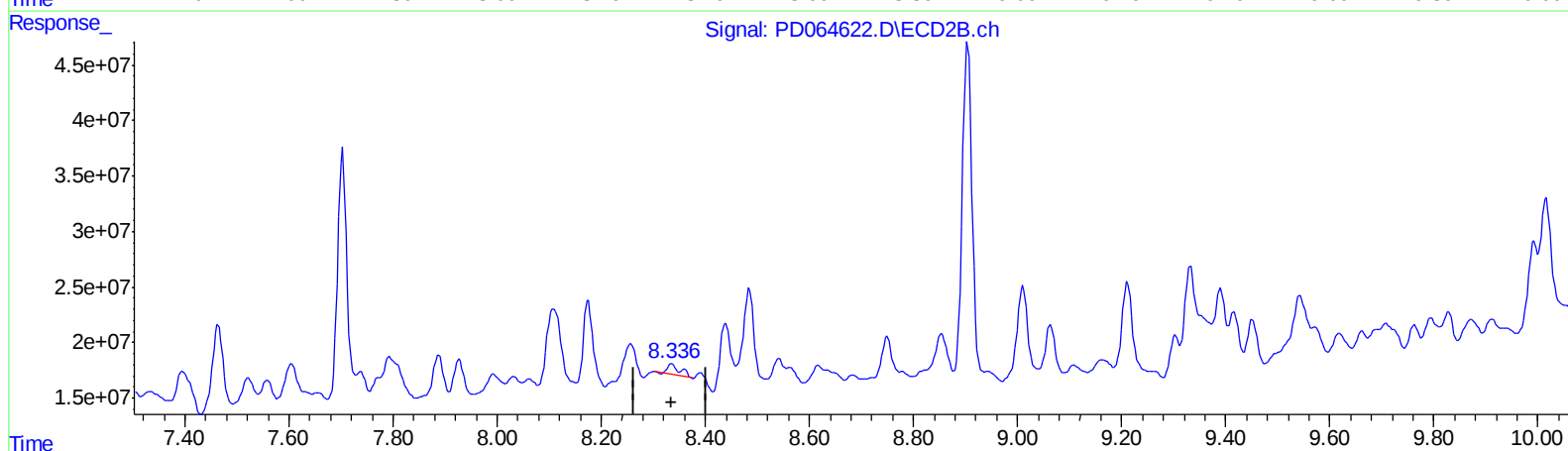
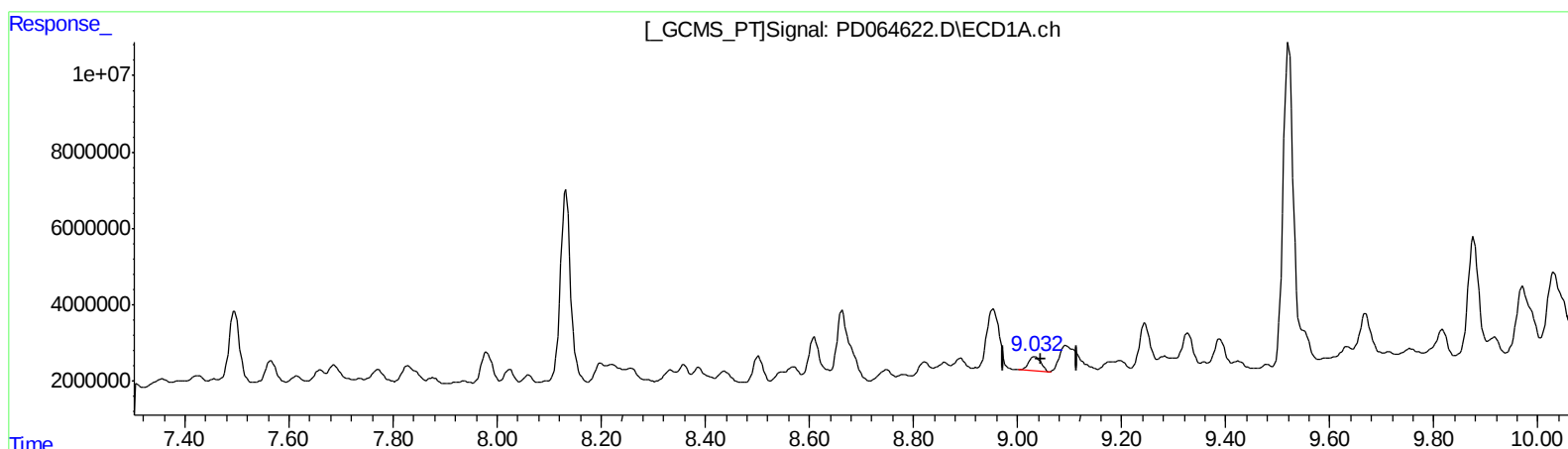
Instrument :
ECD_D
ClientSampleId :
C0072

Manual Integrations
APPROVED

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Integration File signal 2: autoint2.e
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QEdit

(15) Endosulfan II (B)
9.033min 4.763 ng/ml
response 6185370

(15) Endosulfan II #2 (B)
8.336min 2.769 ng/ml
response 15983729

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 07:26
Operator : AR\AJ
Sample : M3123-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

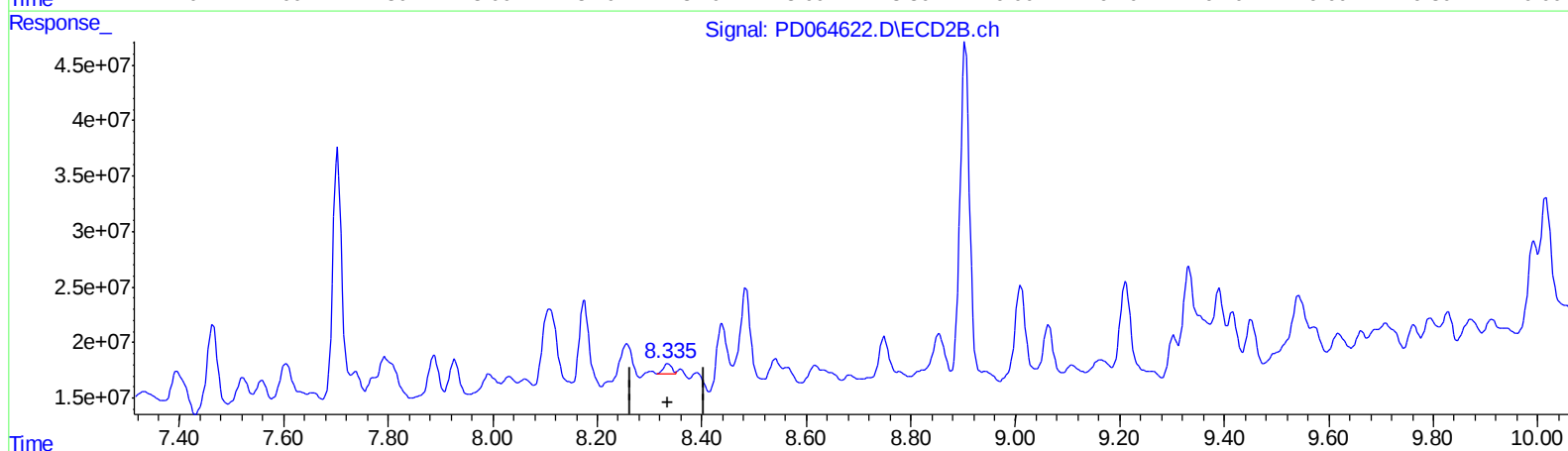
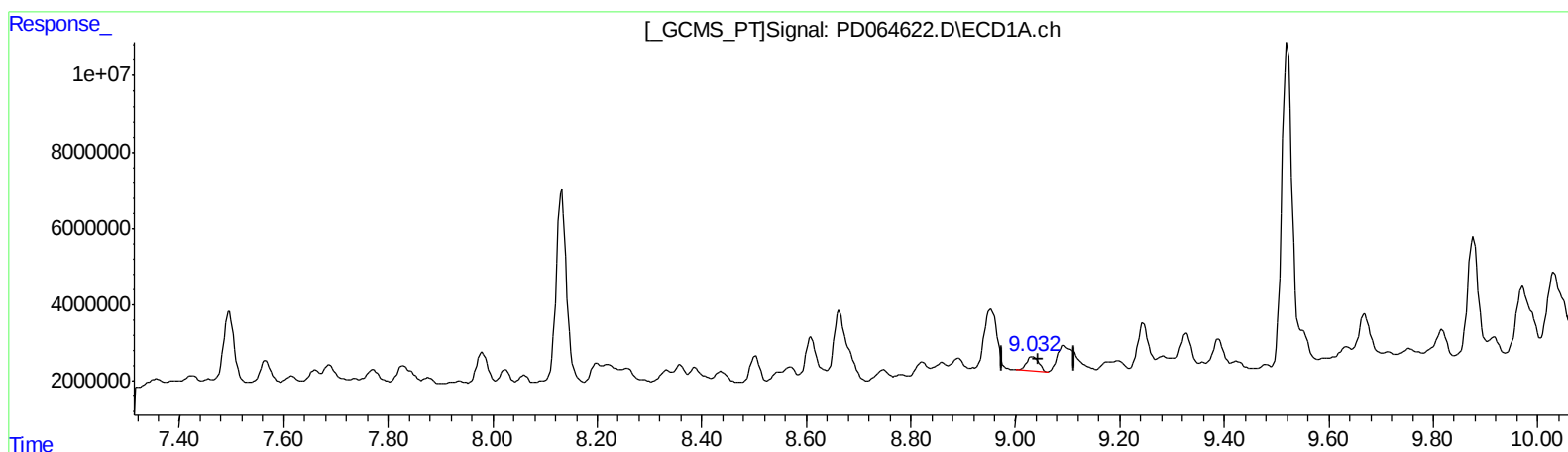
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ECD_D
ClientSampleId :
C0072

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:21 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

(15) Endosulfan II (B)
9.033min 4.763 ng/ml
response 6185370

(15) Endosulfan II #2 (B)
8.335min 1.871 ng/ml m
response 10801391

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 07:26
Operator : AR\AJ
Sample : M3123-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

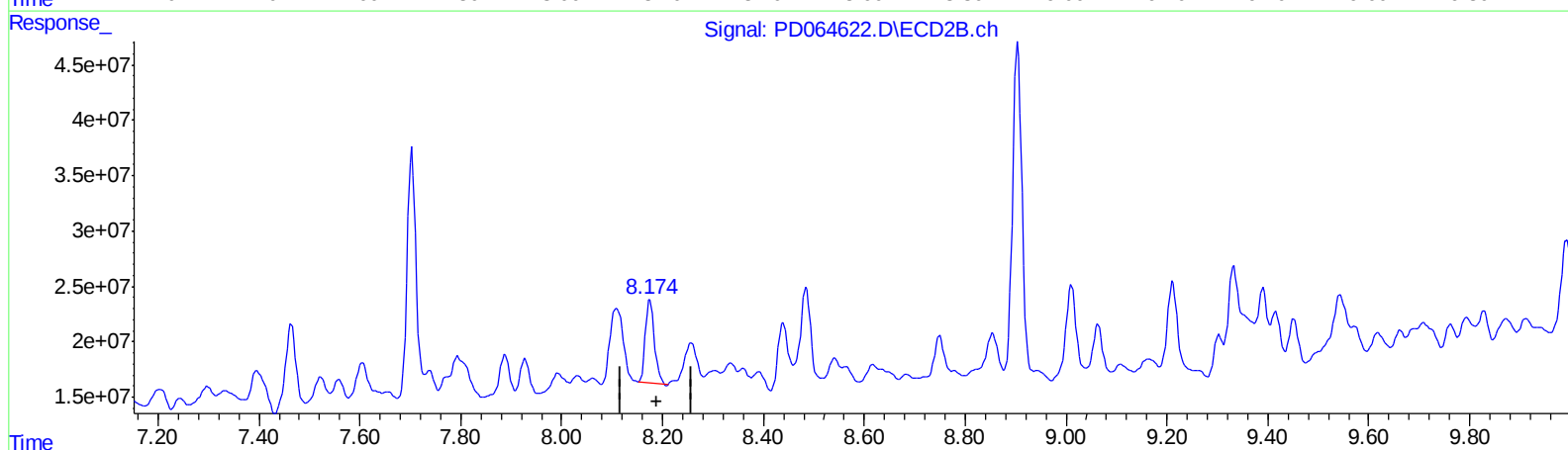
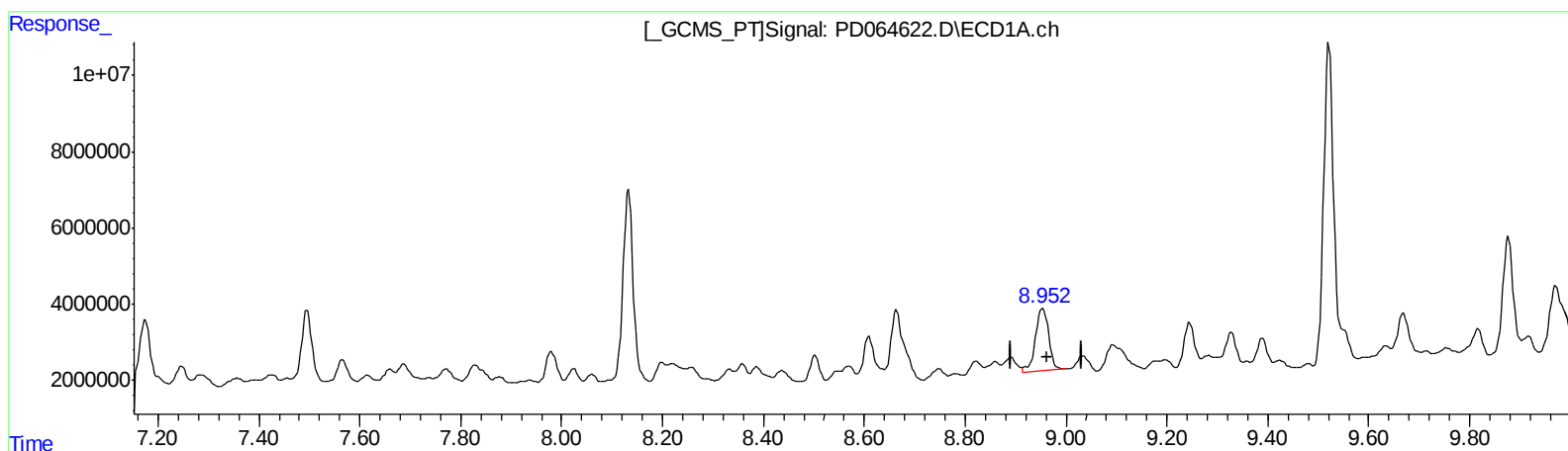
Instrument :
ECD_D
ClientSampleId :
C0072

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

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

8.953min 23.994 ng/ml

response 29453803

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

8.176min 16.321 ng/ml

response 94001453

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Misc :
ALS Vial : 54 Sample Multiplier: 1

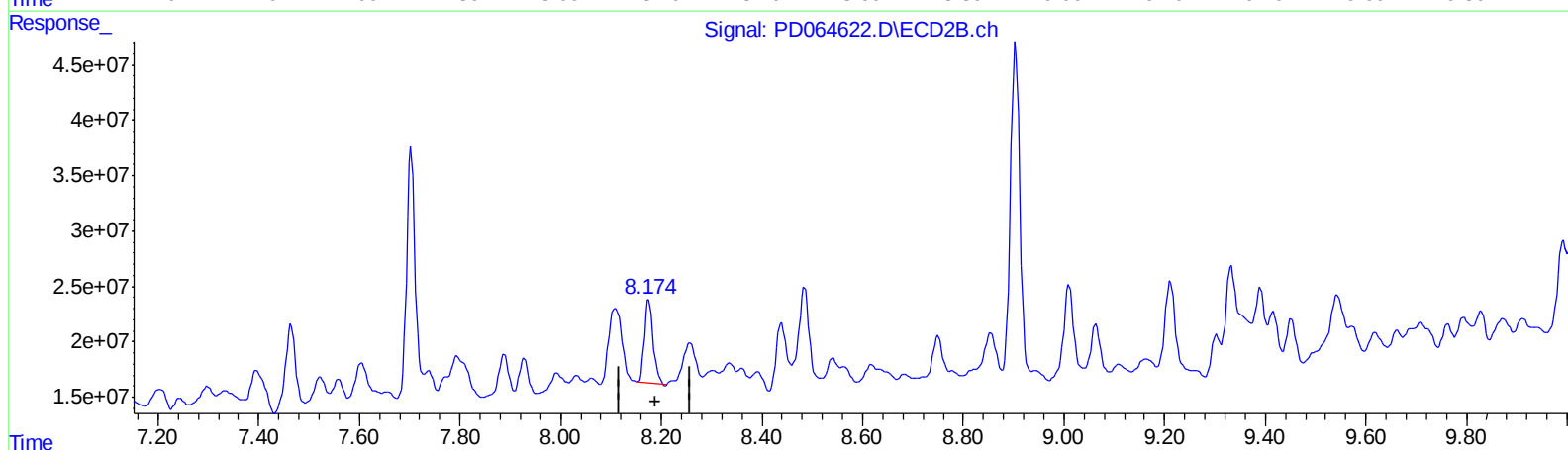
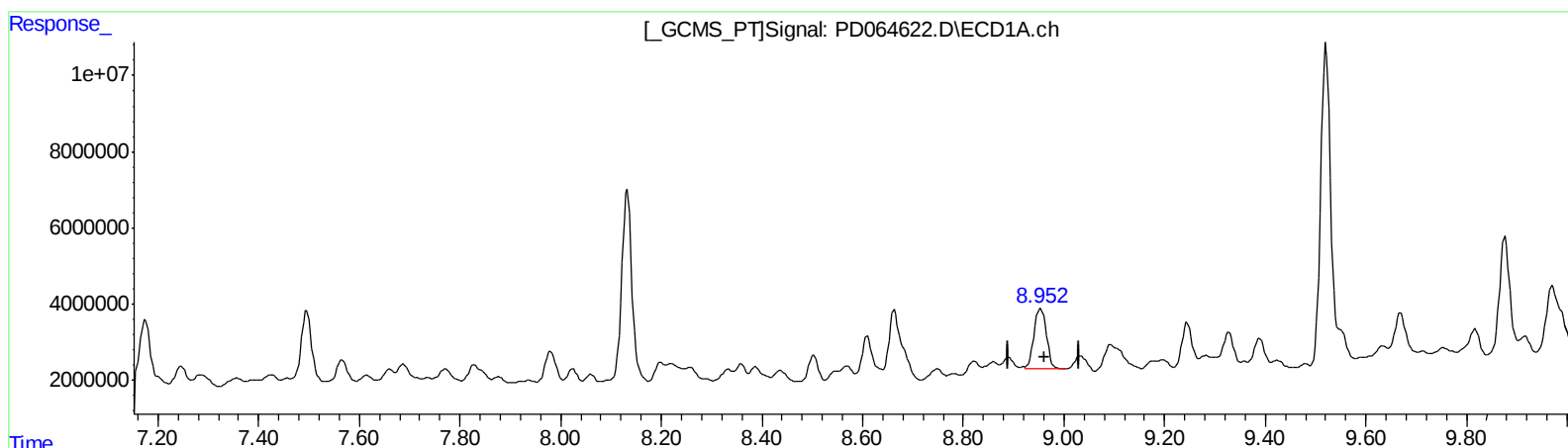
Instrument :
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Manual Integrations
APPROVED

mohammad
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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)
8.952min 22.391 ng/ml m
response 27486388

(16) 4,4'-DDD #2 (A)
8.176min 16.321 ng/ml
response 94001453

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M3123-11
Misc :
ALS Vial : 54 Sample Multiplier: 1

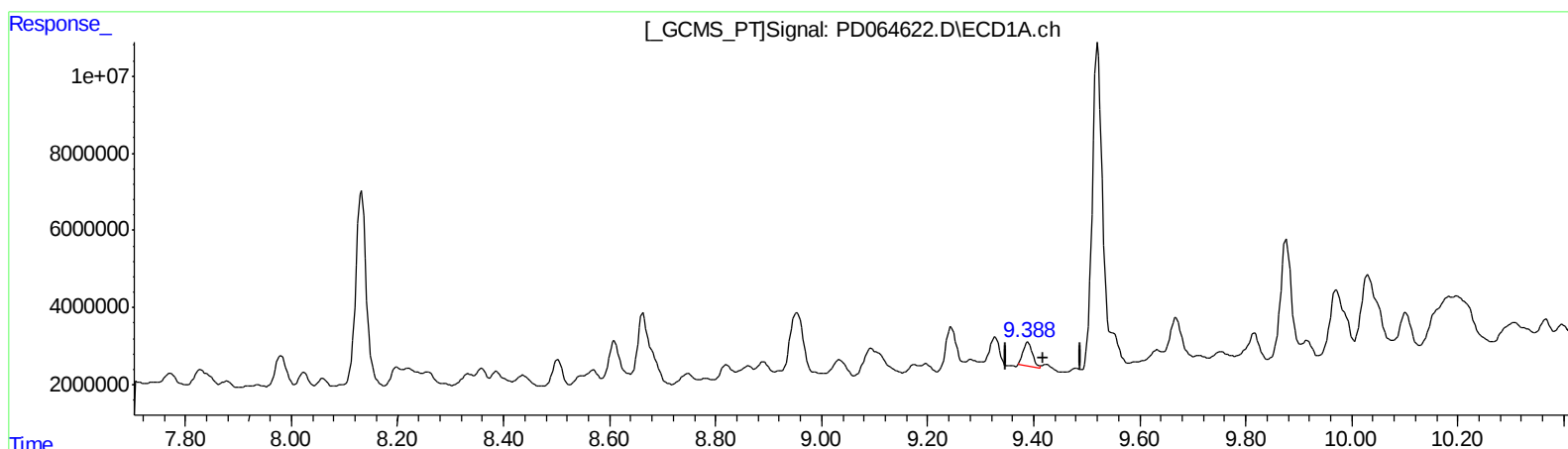
Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:21 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



(19) Endosulfan Sulfate (B)

9.389min 5.642 ng/ml

response 7775889

(19) Endosulfan Sulfate #2 (B)

8.750min 9.464 ng/ml

response 51015535

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Misc :
ALS Vial : 54 Sample Multiplier: 1

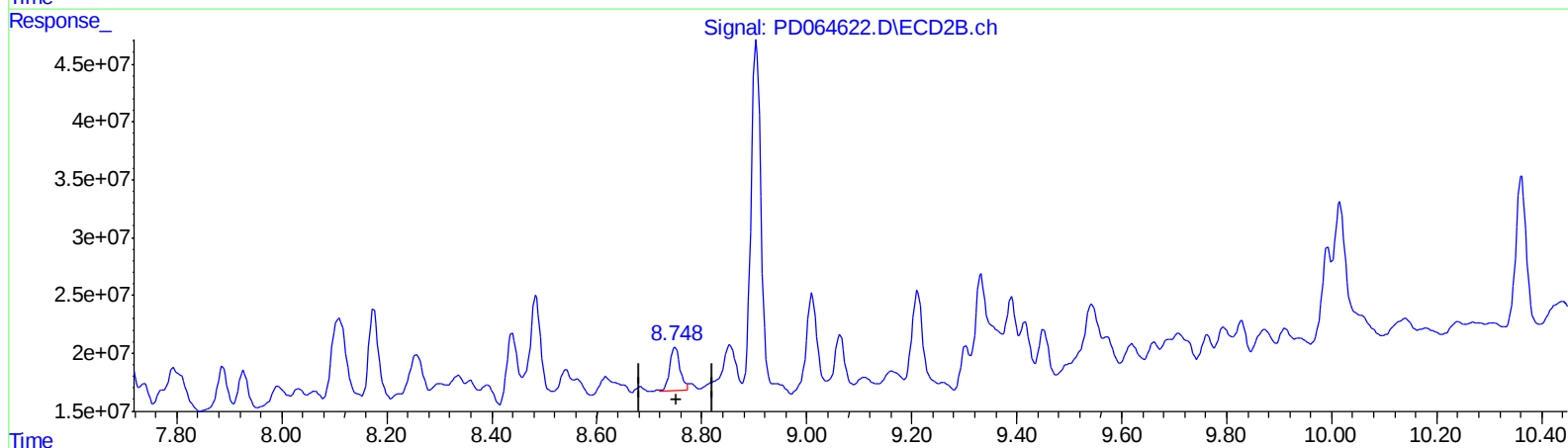
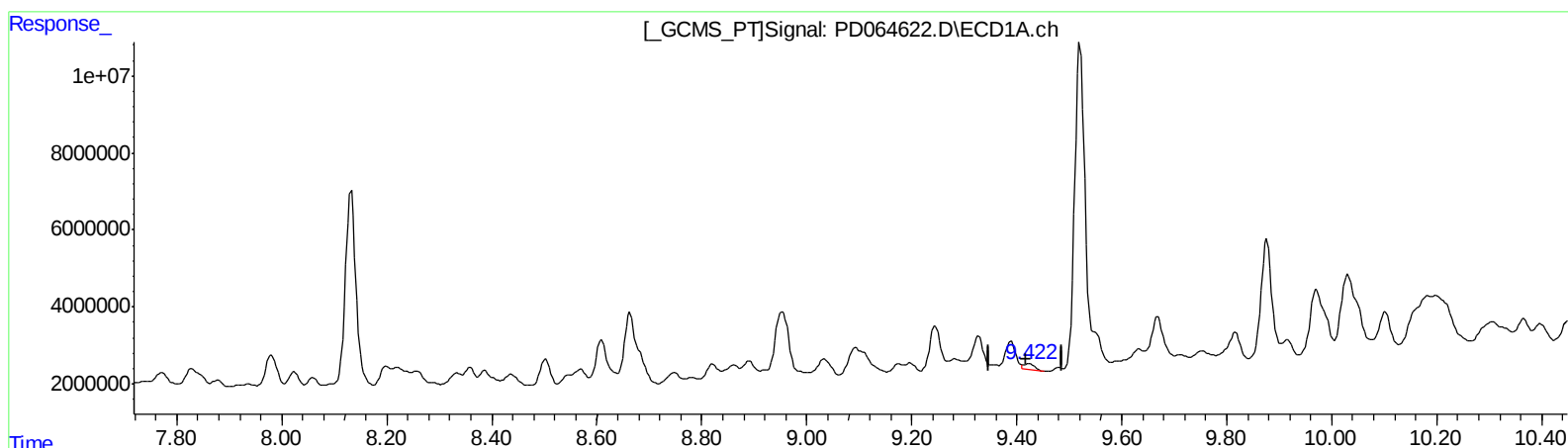
Instrument :
ECD_D
ClientSampleId :
C0072

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:21 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 05:19:07 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

(19) Endosulfan Sulfate (B)

9.422min 1.496 ng/ml m

response 2061474

(19) Endosulfan Sulfate #2 (B)

8.748min 9.500 ng/ml m

response 51206778

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
 Data File : PD064622.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2021 07:26
 Operator : AR\AJ
 Sample : M3123-11
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0072

Manual Integrations
 APPROVED

mohammad
 8/2/2021 12:38:21 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 05:19:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 28 07:07:14 2021
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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

System Monitoring Compounds						
1) SA Tetrachlo...	5.405	4.617	23287030	186.1E6	19.522m	20.366m
27) SA Decachlor...	11.304	10.362	40280367	177.9E6	30.599	29.918
Target Compounds						
5) MB Aldrin	7.425	6.462	2414329	23103982	1.533	2.196 #
6) B beta-BHC	6.638	6.122	1280869	49051679	1.642	8.085m#
7) B delta-BHC	6.907	6.359	2921743	31387529	1.679	2.889 #
9) A Endosulfan I	8.255	7.463	4139920	105.5E6	2.937m	13.723m#
12) B 4,4'-DDE	8.435	7.603	4500948	50591334	3.123m	6.705m#
13) MA Dieldrin	8.568	7.737	3992172	20156089	2.677m	2.510m
14) MA Endrin	8.821	8.033	5957333	18535403	4.653	3.227 #
15) B Endosulfa...	9.033	8.335	6185370	10801391	4.763	1.871m#
16) A 4,4'-DDD	8.952	8.176	27486388	94001453	22.391m	16.321 #
19) B Endosulfa...	9.422	8.748	2061474	51206778	1.496m	9.500m#

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

AT
 08/03/21