

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 08:14
Operator : AR\AJ
Sample : M3123-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

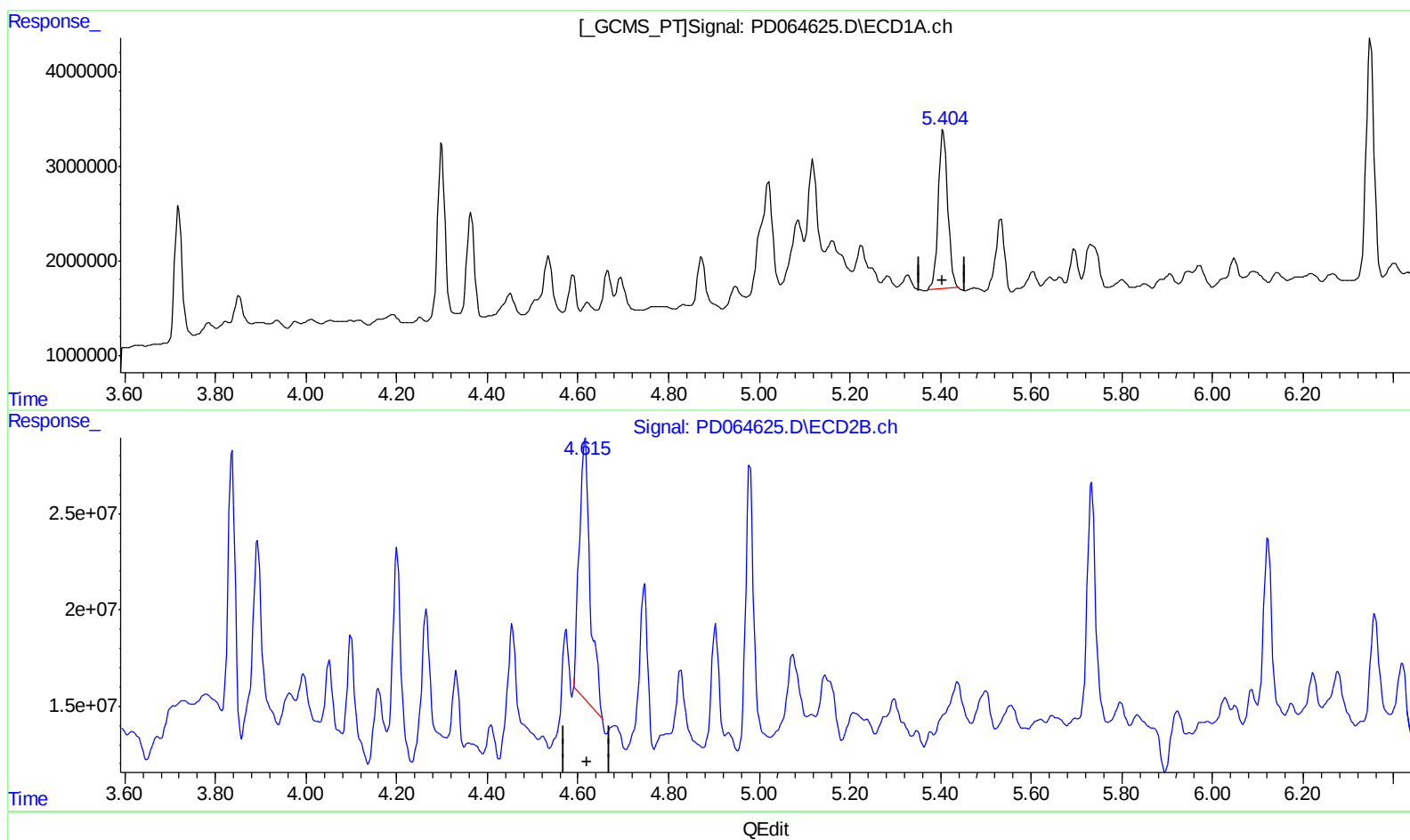
Instrument :
ECD_D
ClientSampleId :
C0076

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 05:34:04 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)

5.406min 20.148 ng/ml

response 24033911

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

4.616min 24.568 ng/ml

response 224493619

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 08:14
Operator : AR\AJ
Sample : M3123-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

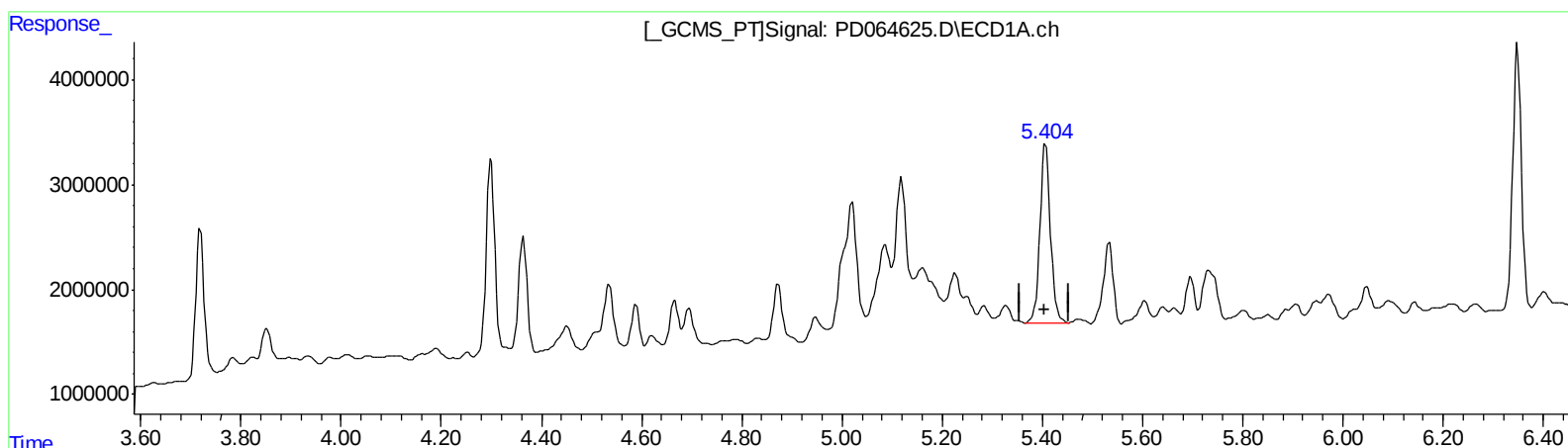
Instrument :
ECD_D
ClientSampleId :
C0076

Manual Integrations
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mohammad
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Integration File signal 1: autoint1.e
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 08:14
Operator : AR\AJ
Sample : M3123-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

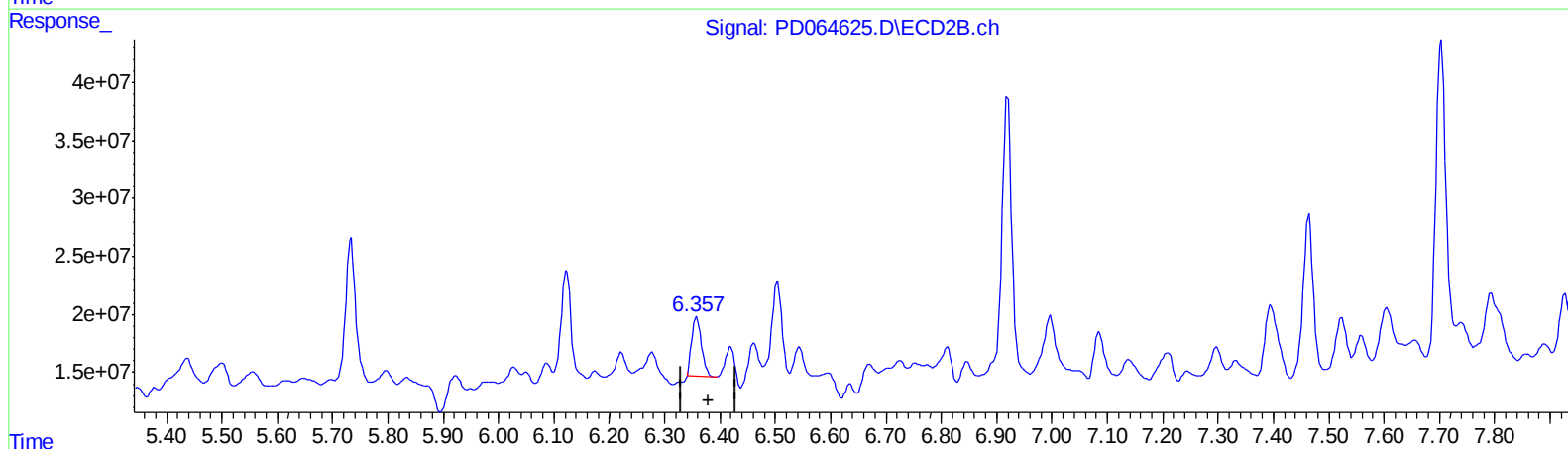
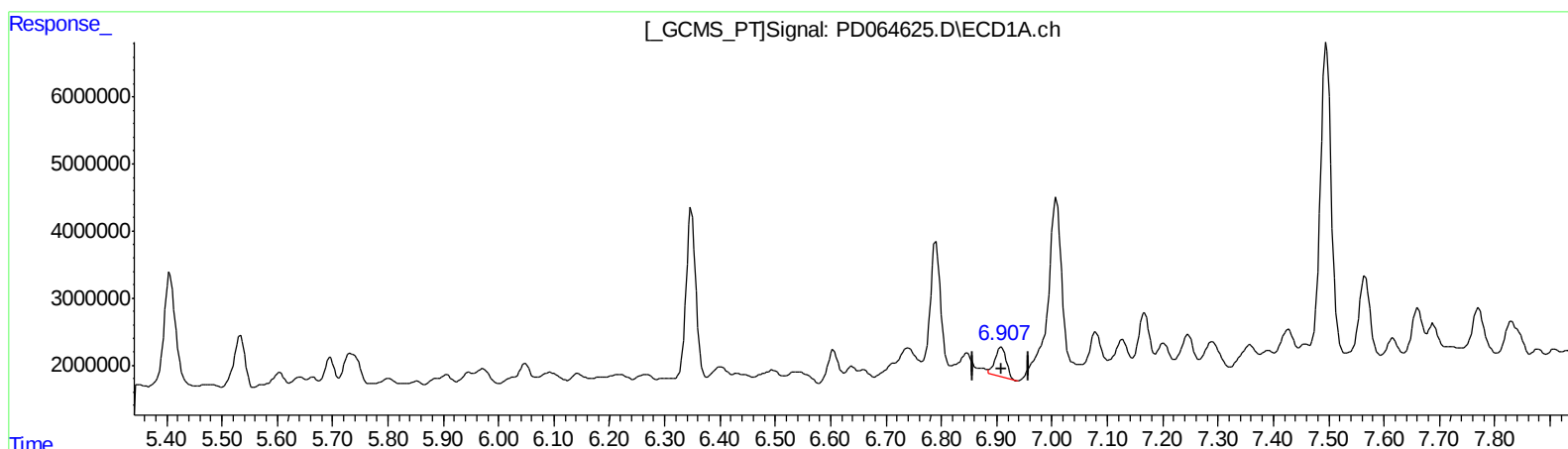
Instrument :
ECD_D
ClientSampleId :
C0076

Manual Integrations
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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

(7) delta-BHC (B)
6.909min 3.544 ng/ml
response 6167644

(7) delta-BHC #2 (B)
6.358min 5.670 ng/ml
response 61601772

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 08:14
Operator : AR\AJ
Sample : M3123-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

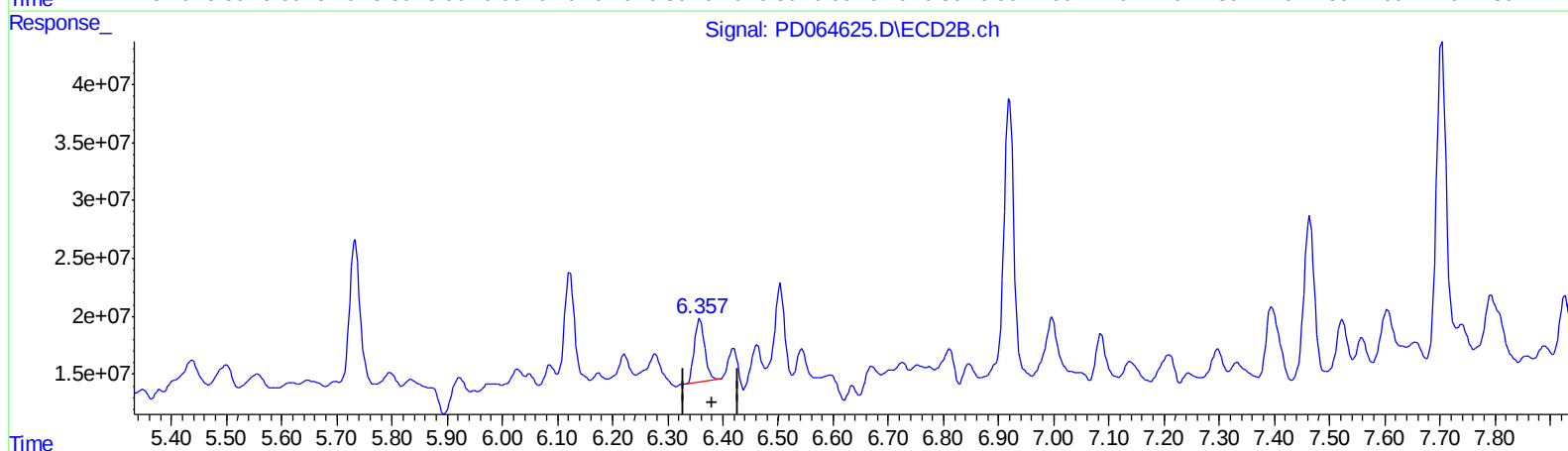
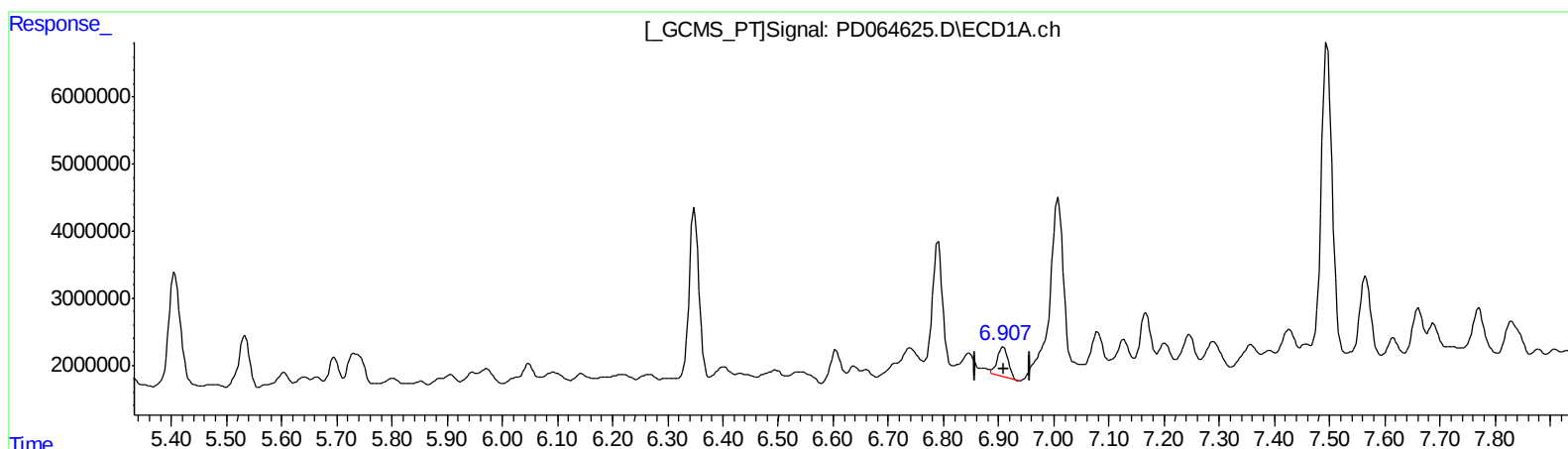
Instrument :
ECD_D
ClientSampleId :
C0076

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 05:34:04 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(7) delta-BHC (B)

6.909min 3.544 ng/ml

response 6167644

(7) delta-BHC #2 (B)

6.357min 6.487 ng/ml m

response 70468023

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 08:14
Operator : AR\AJ
Sample : M3123-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

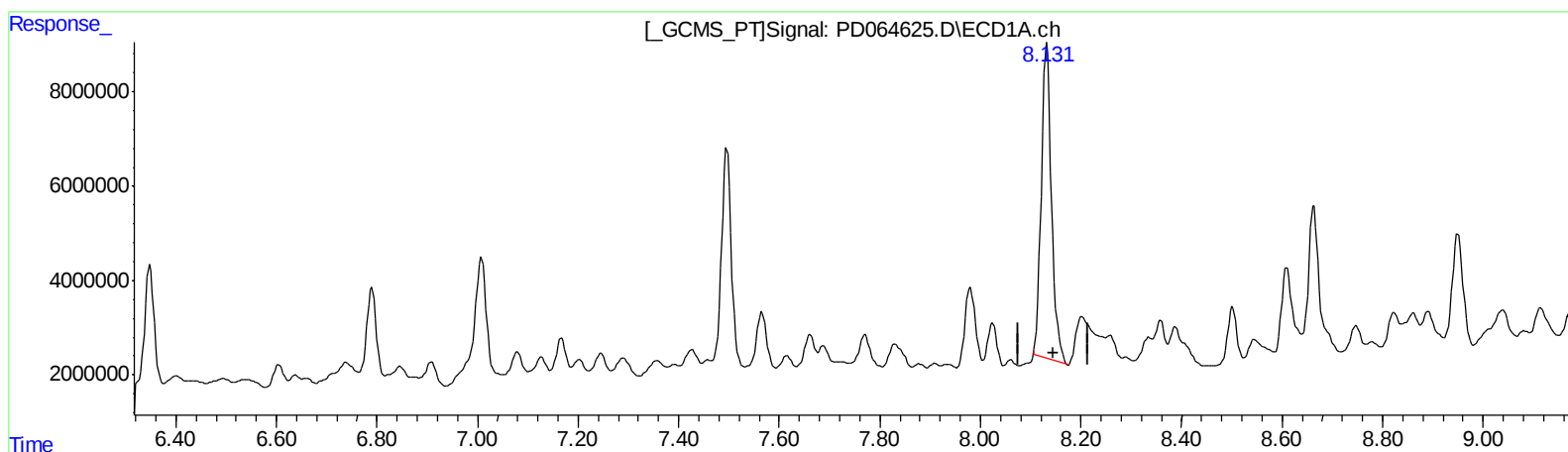
Instrument :
ECD_D
ClientSampleId :
C0076

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



(10) trans-Chlordane (B)

8.132min 59.969 ng/ml

response 96097922

(10) trans-Chlordane #2 (B)

7.333min 1.260 ng/ml

response 11425599

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 08:14
Operator : AR\AJ
Sample : M3123-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

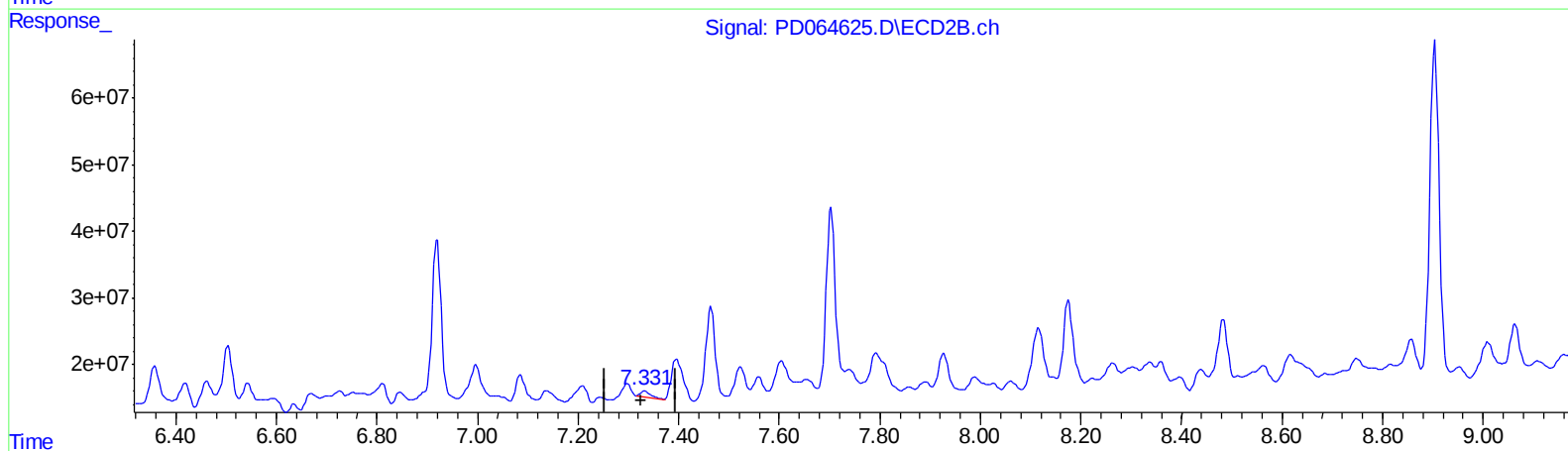
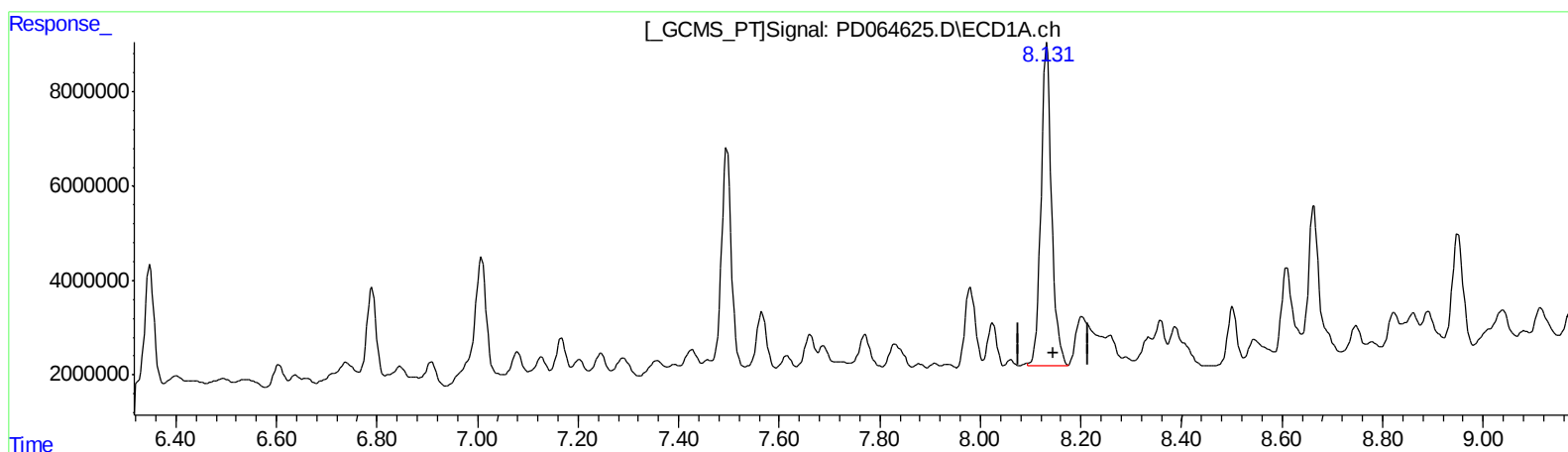
Instrument :
ECD_D
ClientSampleId :
C0076

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:32 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
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

(10) trans-Chlordane (B)
8.131min 63.897 ng/ml m
response 102392532

(10) trans-Chlordane #2 (B)
7.333min 1.260 ng/ml
response 11425599

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 08:14
Operator : AR\AJ
Sample : M3123-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

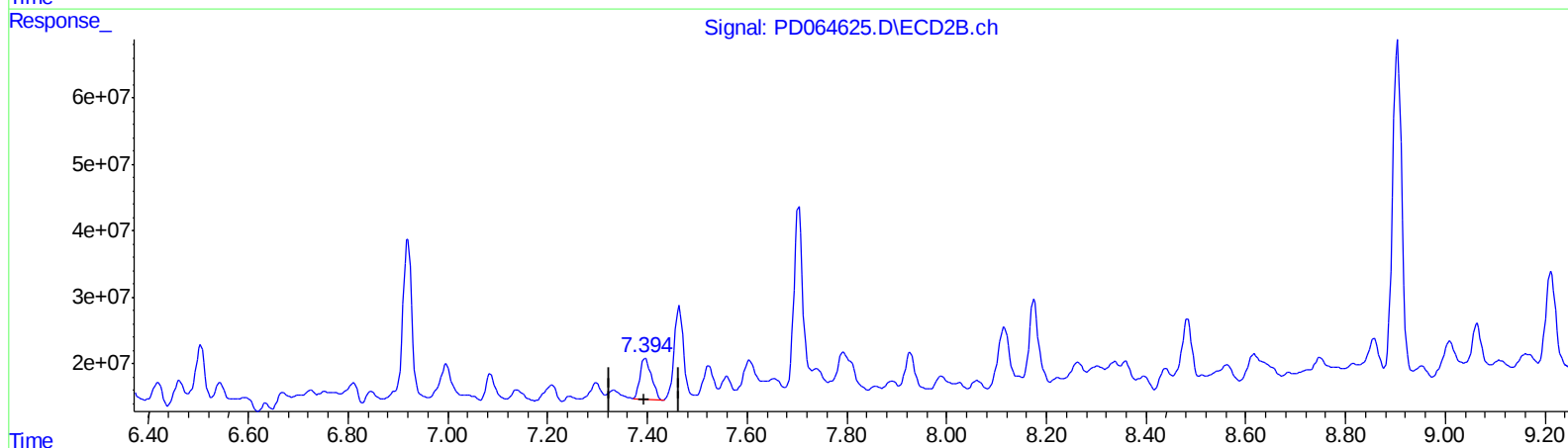
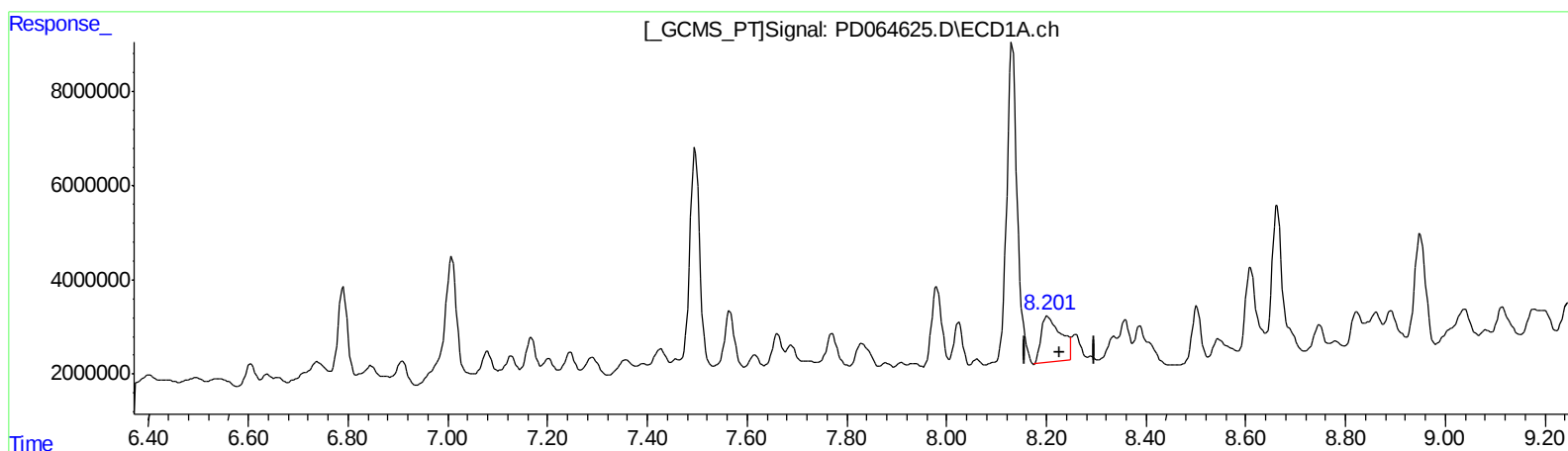
Instrument :
ECD_D
ClientSampleId :
C0076

Manual Integrations
APPROVED

mohammad
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Integration File signal 1: autoint1.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

(11) cis-Chlordane (B)

8.202min 17.027 ng/ml

response 26529755

(11) cis-Chlordane #2 (B)

7.396min 11.249 ng/ml

response 100070151

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 08:14
Operator : AR\AJ
Sample : M3123-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

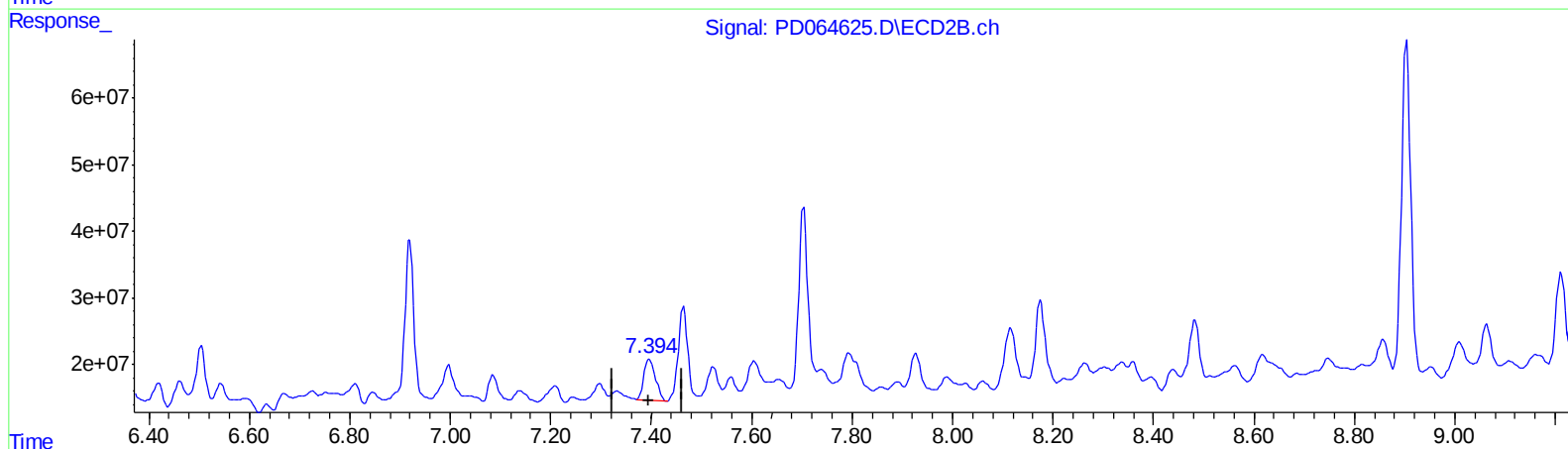
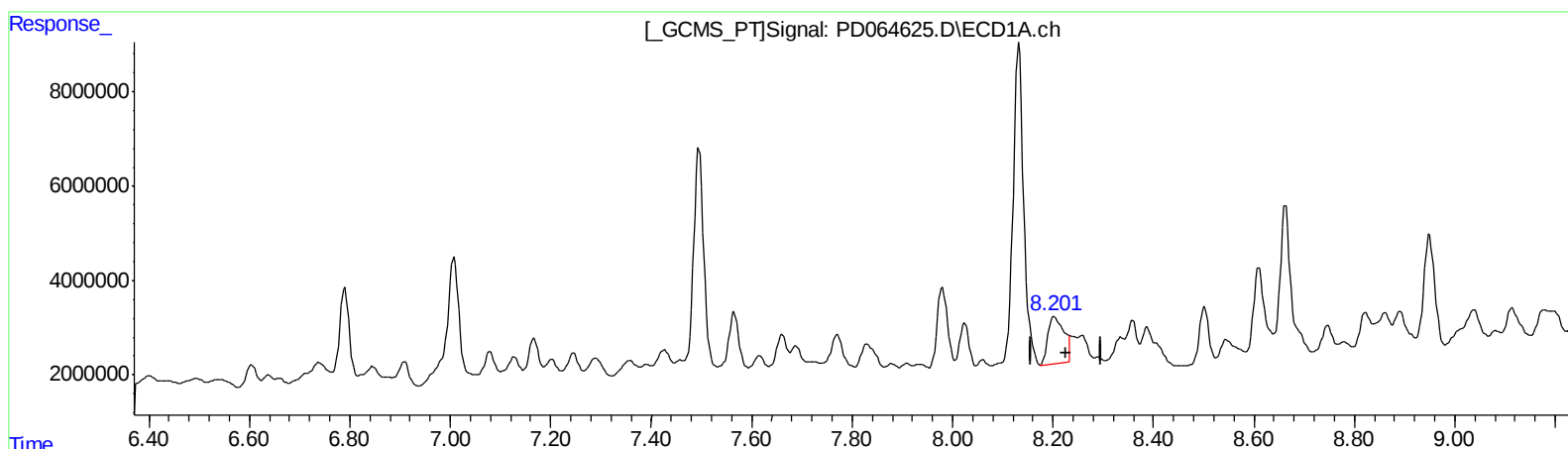
Instrument :
ECD_D
ClientSampleId :
C0076

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:32 PM

Integration File signal 1: autoint1.e
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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



QEdit

(11) cis-Chlordane (B)
8.201min 13.940 ng/ml m
response 21720062

(11) cis-Chlordane #2 (B)
7.396min 11.249 ng/ml
response 100070151

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 08:14
Operator : AR\AJ
Sample : M3123-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

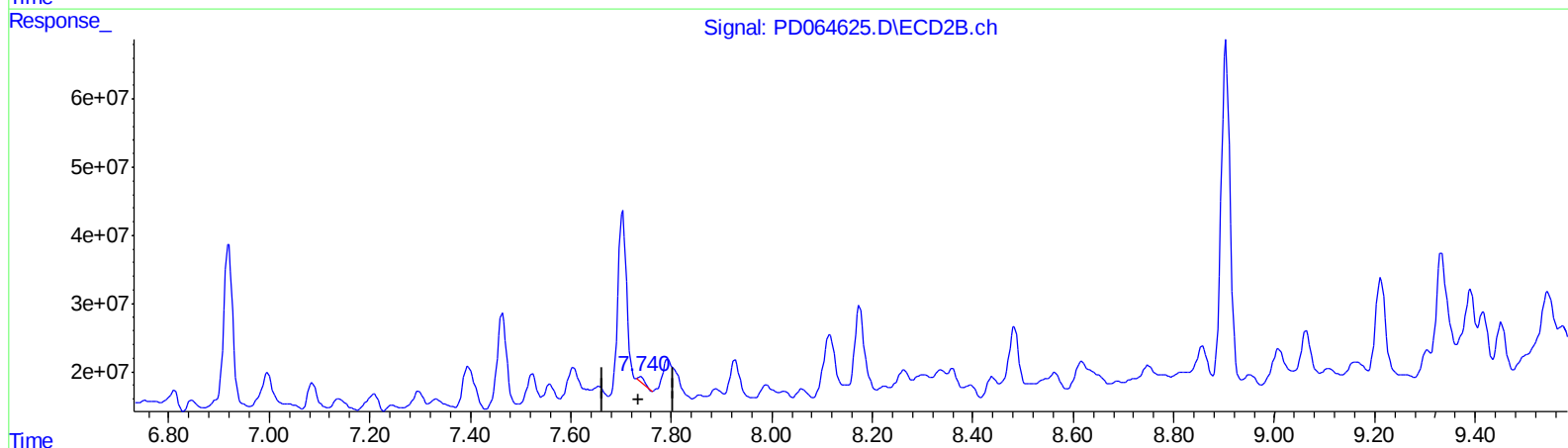
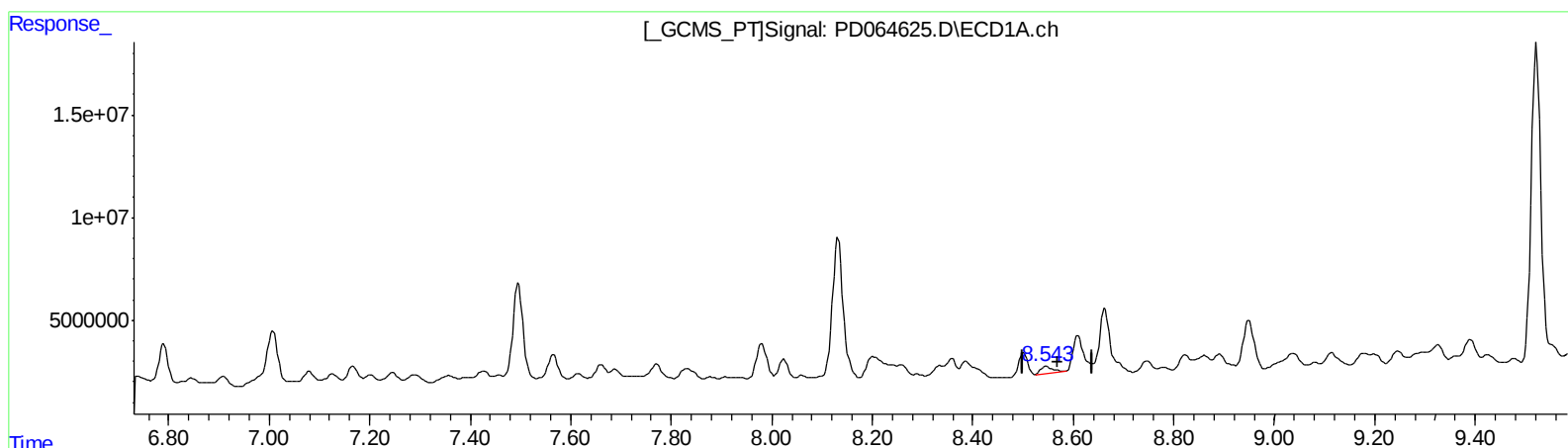
Instrument :
ECD_D
ClientSampleId :
C0076

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:32 PM

Integration File signal 1: autoint1.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

(13) Dieldrin (MA)
8.545min 4.081 ng/ml
response 6085758

(13) Dieldrin #2 (MA)
7.740min 0.908 ng/ml
response 7289148

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 08:14
Operator : AR\AJ
Sample : M3123-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

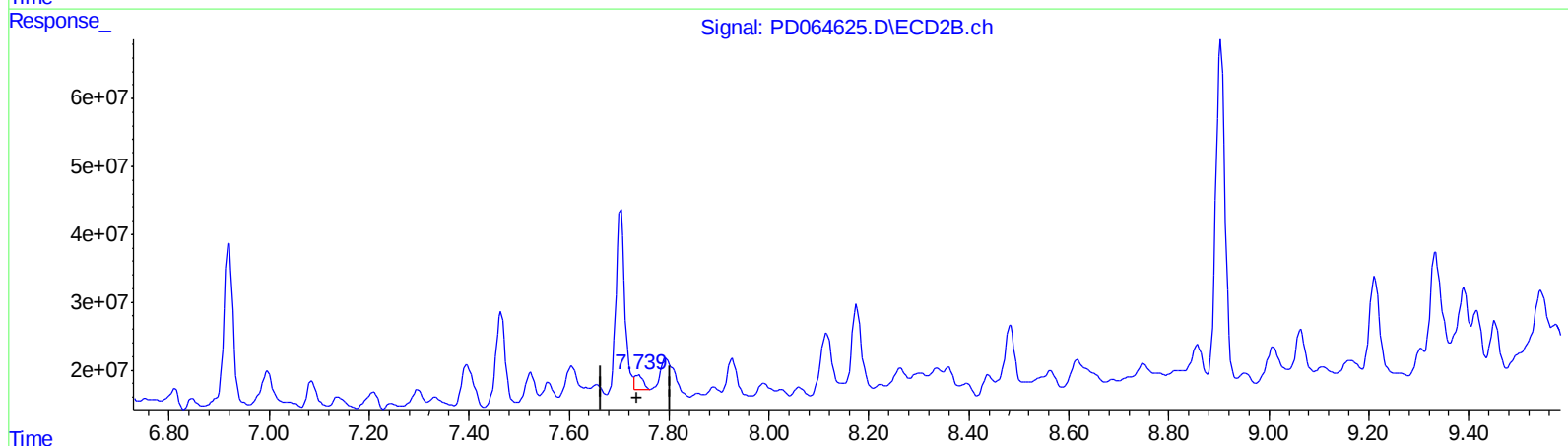
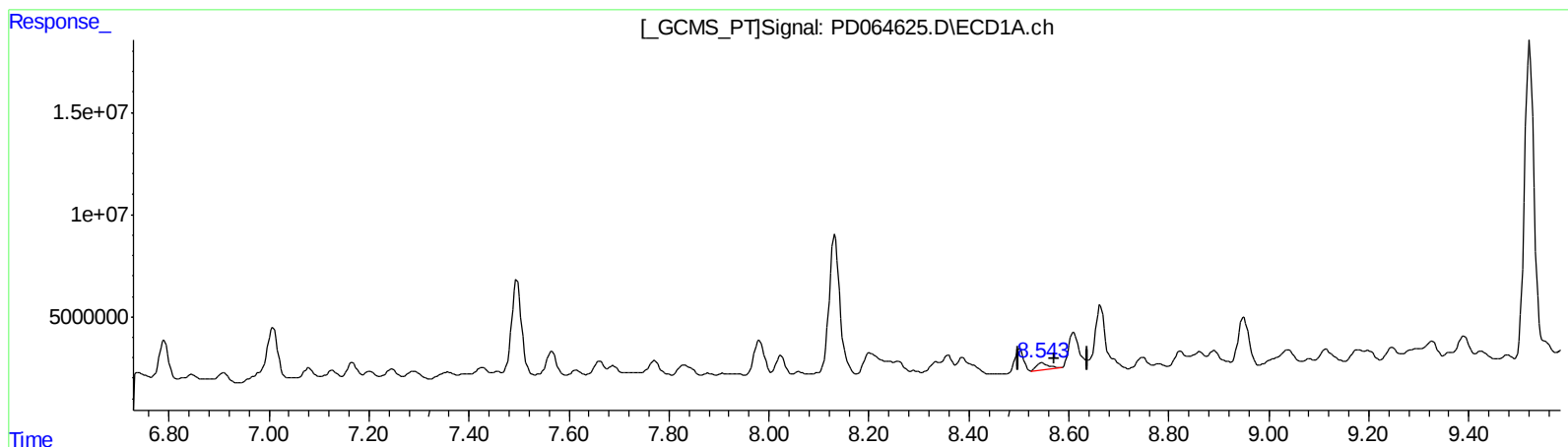
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ECD_D
ClientSampleId :
C0076

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:32 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)
8.545min 4.081 ng/ml
response 6085758

(13) Dieldrin #2 (MA)
7.739min 3.415 ng/ml m
response 27424862

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 08:14
Operator : AR\AJ
Sample : M3123-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

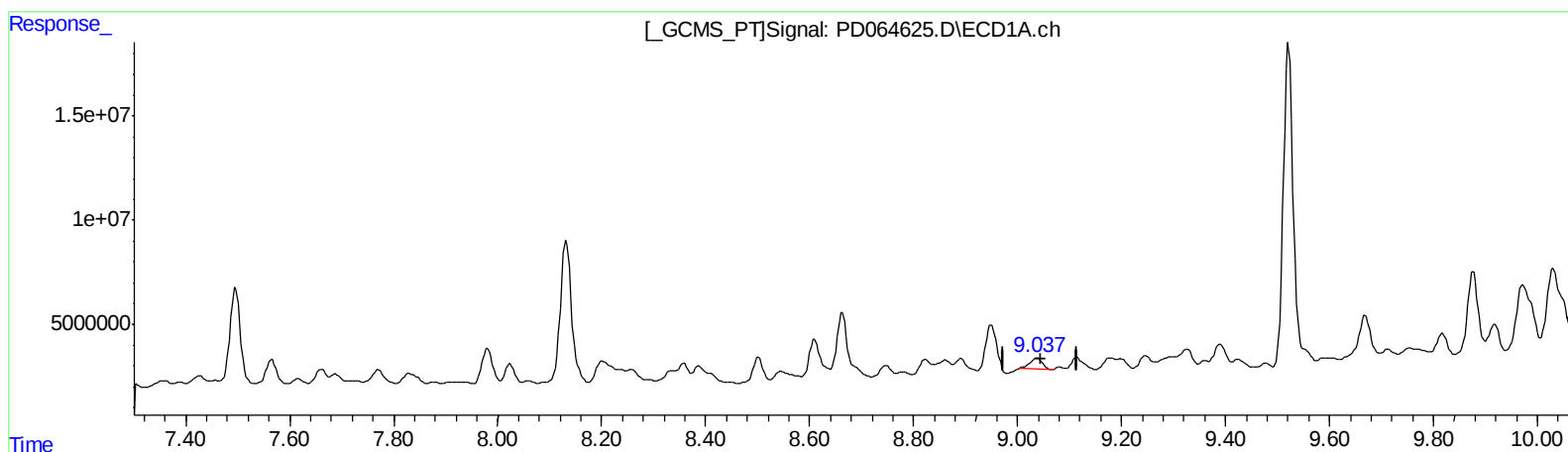
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ClientSampleId :
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Manual Integrations
APPROVED

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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)
9.038min 6.975 ng/ml
response 9058152

(15) Endosulfan II #2 (B)
8.337min 3.641 ng/ml
response 21019334

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064625.D
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Acq On : 31 Jul 2021 08:14
Operator : AR\AJ
Sample : M3123-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

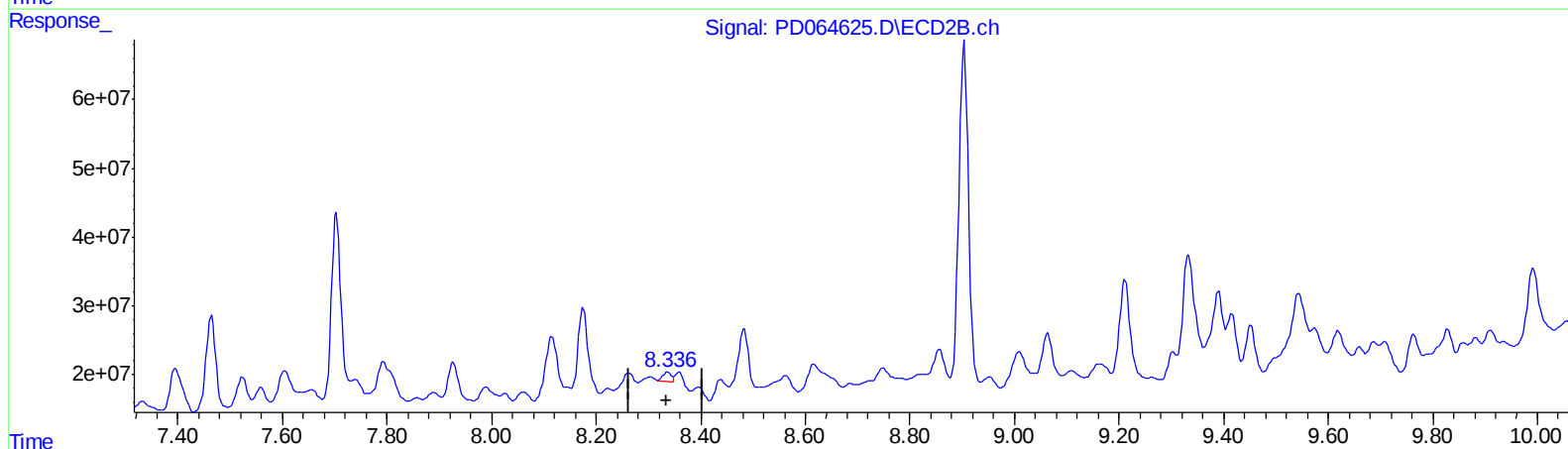
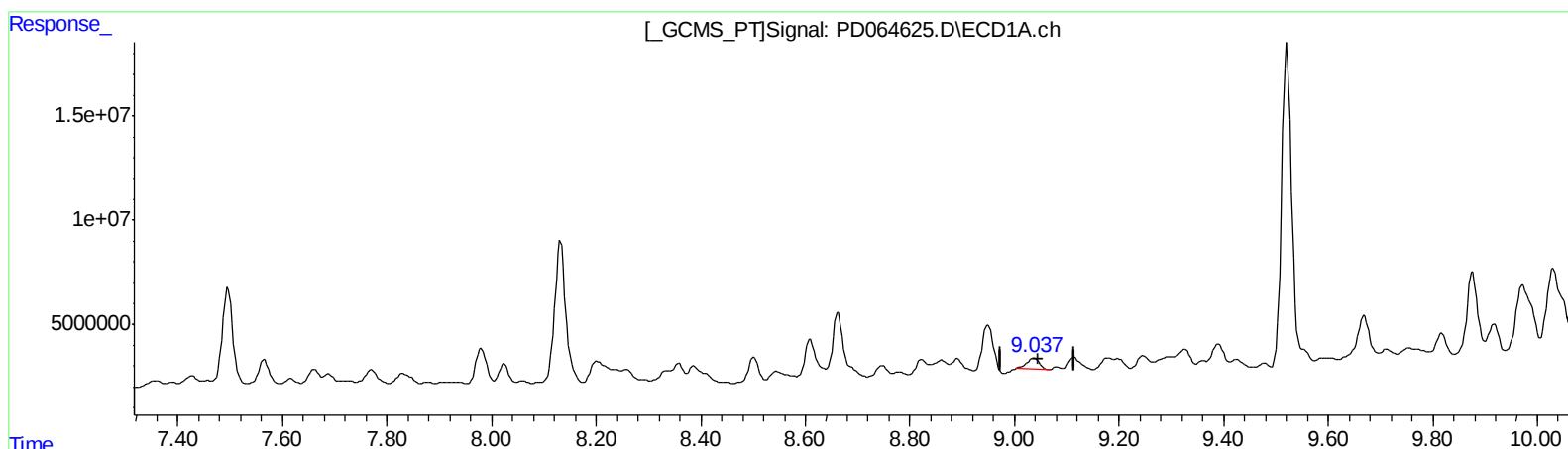
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ClientSampleId :
C0076

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)
9.038min 6.975 ng/ml
response 9058152

(15) Endosulfan II #2 (B)
8.336min 2.767 ng/ml m
response 15971743

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
Data File : PD064625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2021 08:14
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Sample : M3123-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

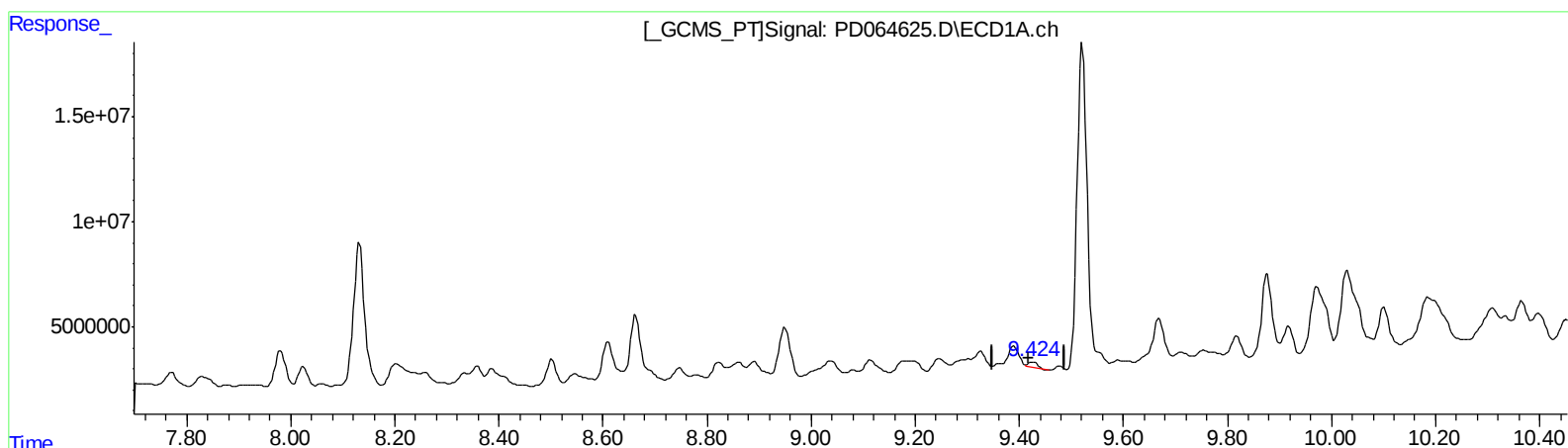
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Manual Integrations
APPROVED

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

(19) Endosulfan Sulfate (B)

9.425min 2.571 ng/ml

response 3543810

(19) Endosulfan Sulfate #2 (B)

8.749min 5.925 ng/ml

response 31939612

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
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Misc :
ALS Vial : 57 Sample Multiplier: 1

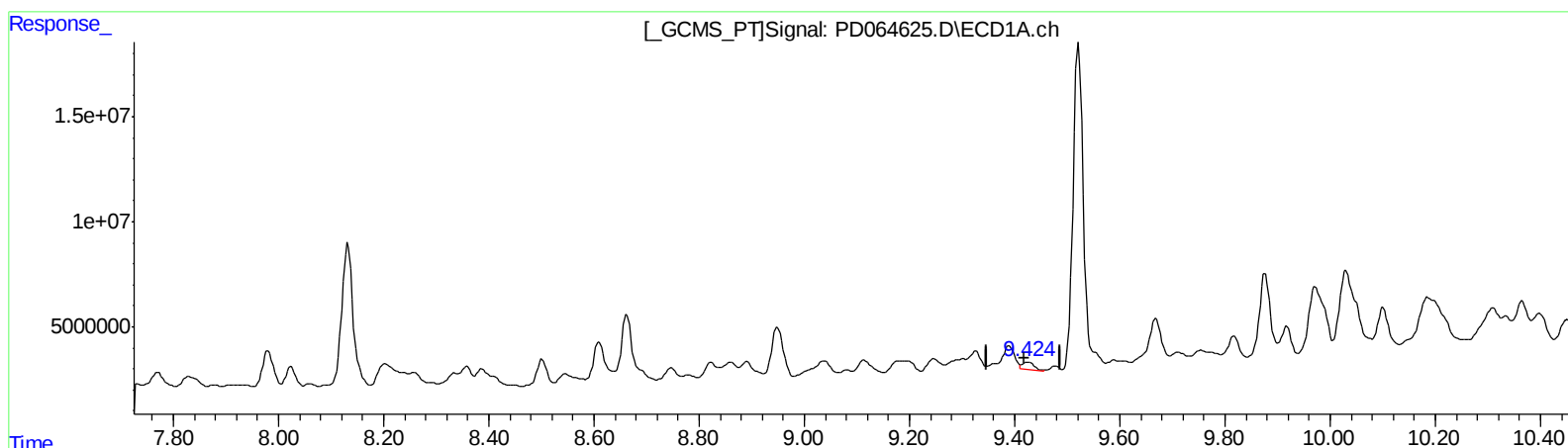
Instrument :
ECD_D
ClientSampleId :
C0076

Manual Integrations
APPROVED

mohammad
8/2/2021 12:38:32 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)

9.424min 3.621 ng/ml m

response 4991075

(19) Endosulfan Sulfate #2 (B)

8.747min 4.730 ng/ml m

response 25494793

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073021\
 Data File : PD064625.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2021 08:14
 Operator : AR\AJ
 Sample : M3123-15
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0076

Manual Integrations
 APPROVED

mohammad
 8/2/2021 12:38:32 PM

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 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...	5.404	4.615	25329085	204.3E6	21.233m	22.362m
27) SA Decachlor...	11.305	10.362	40778972	183.6E6	30.978	30.881
Target Compounds						
3) MA gamma-BHC...	6.401	5.733	1679361	154.7E6	1.071	13.570 #
6) B beta-BHC	6.638	6.123	2313319	105.3E6	2.965	17.358 #
7) B delta-BHC	6.909	6.357	6167644	70468023	3.544	6.487m#
9) A Endosulfan I	8.259	7.464	6274051	174.3E6	4.451	22.670 #
10) B trans-Chl...	8.131	7.333	102.4E6	11425599	63.897m	1.260 #
11) B cis-Chlor...	8.201	7.396	21720062	100.1E6	13.940m	11.249
13) MA Dieldrin	8.545	7.739	6085758	27424862	4.081	3.415m
14) MA Endrin	8.823	8.026	11886384	10787647	9.283	1.878 #
15) B Endosulfa...	9.038	8.336	9058152	15971743	6.975	2.767m#
16) A 4,4'-DDD	8.950	8.175	36181262	149.8E6	29.474	26.004
19) B Endosulfa...	9.424	8.747	4991075	25494793	3.621m	4.730m#

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

AJ
 08/03/21