

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 18:57
Operator : AR\AJ
Sample : M3208-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

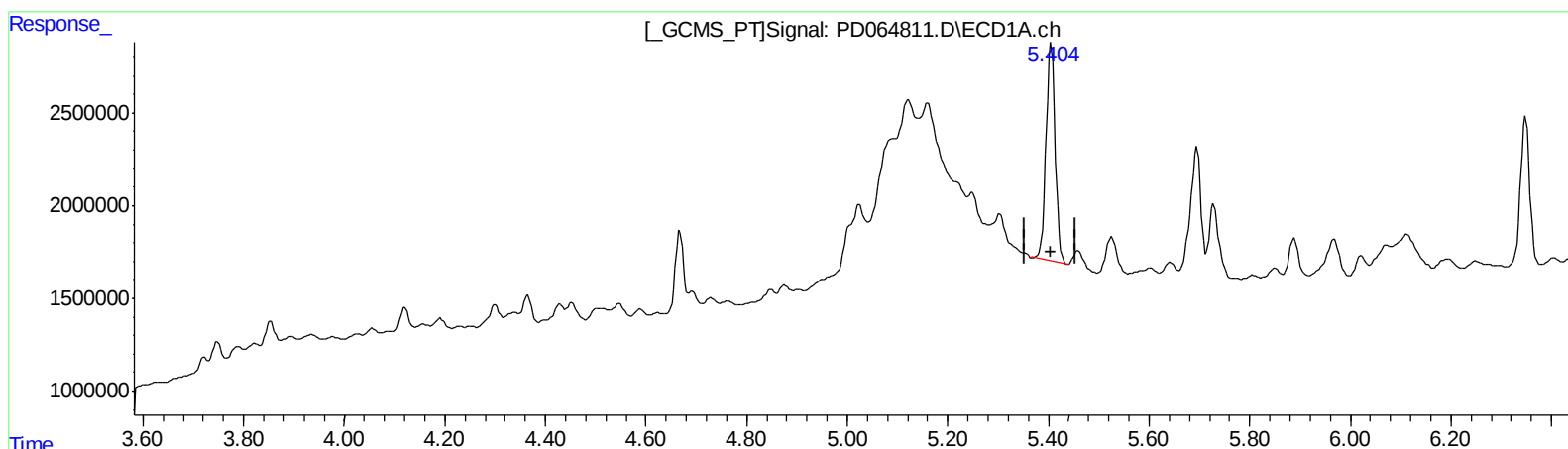
Instrument :
ECD_D
ClientSampleId :
C00E3

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:13 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 07:07:35 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 12.243 ng/ml

response 14604997

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

4.618min 12.359 ng/ml

response 112938197

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 18:57
Operator : AR\AJ
Sample : M3208-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

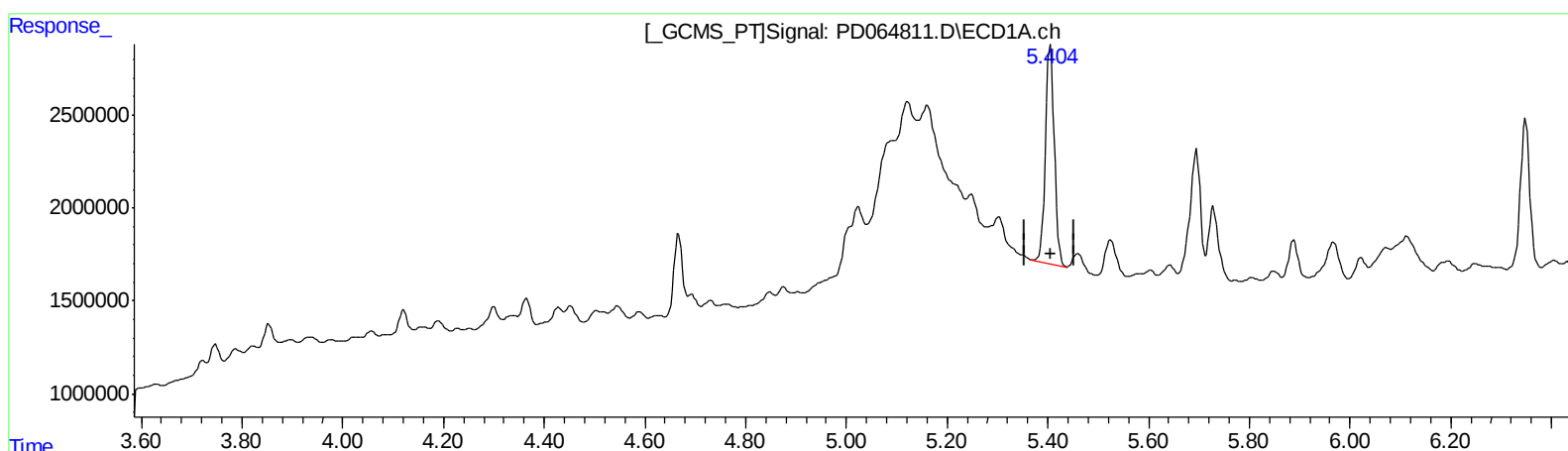
Instrument :
ECD_D
ClientSampleId :
C00E3

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:13 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



(1) Tetrachloro-m-xylene (SA)

5.405min 12.243 ng/ml

response 14604997

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

4.617min 14.455 ng/ml m

response 132085565

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 18:57
Operator : AR\AJ
Sample : M3208-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

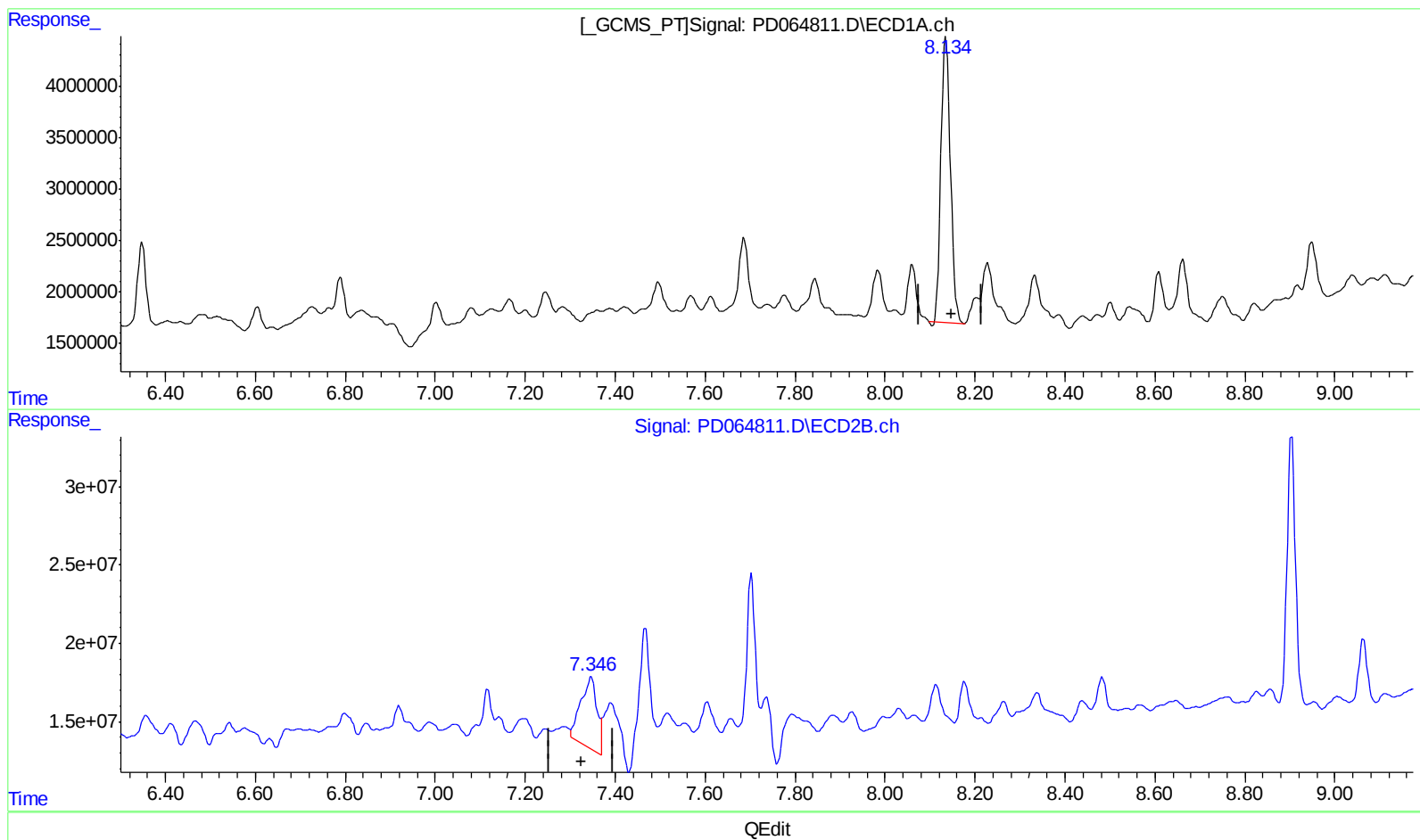
Instrument :
ECD_D
ClientSampleId :
C00E3

Manual Integrations
APPROVED

mohammad
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Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
QLast Update : Wed Jul 28 07:07:14 2021
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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)

8.135min 25.175 ng/ml

response 40342348

(10) trans-Chlordane #2 (B)

7.347min 12.553 ng/ml

response 113856493

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 18:57
Operator : AR\AJ
Sample : M3208-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

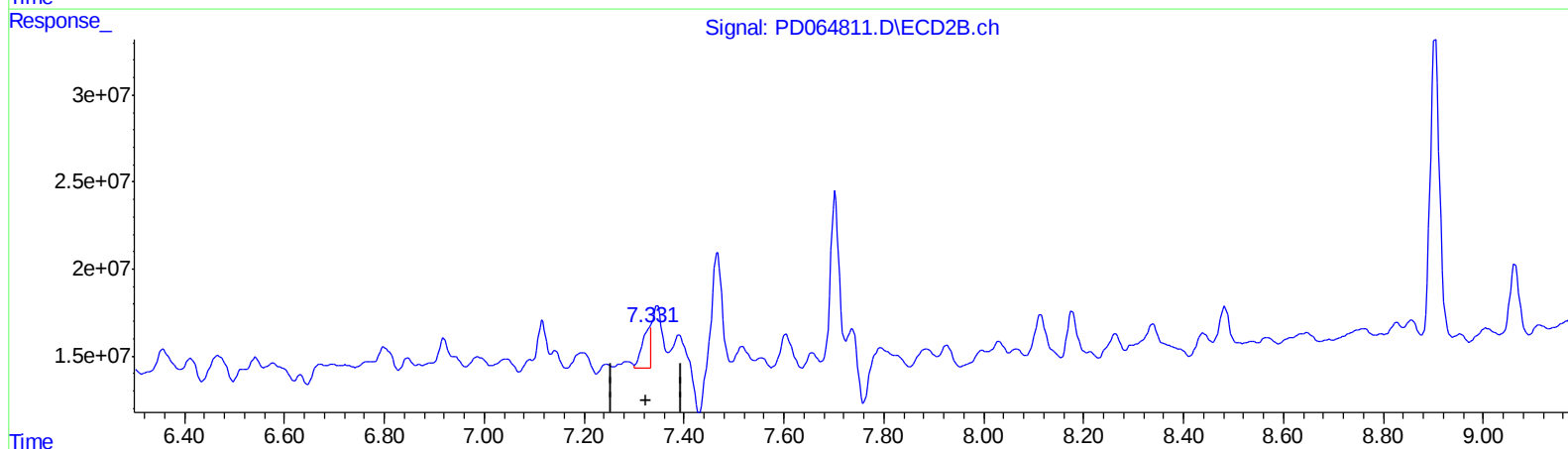
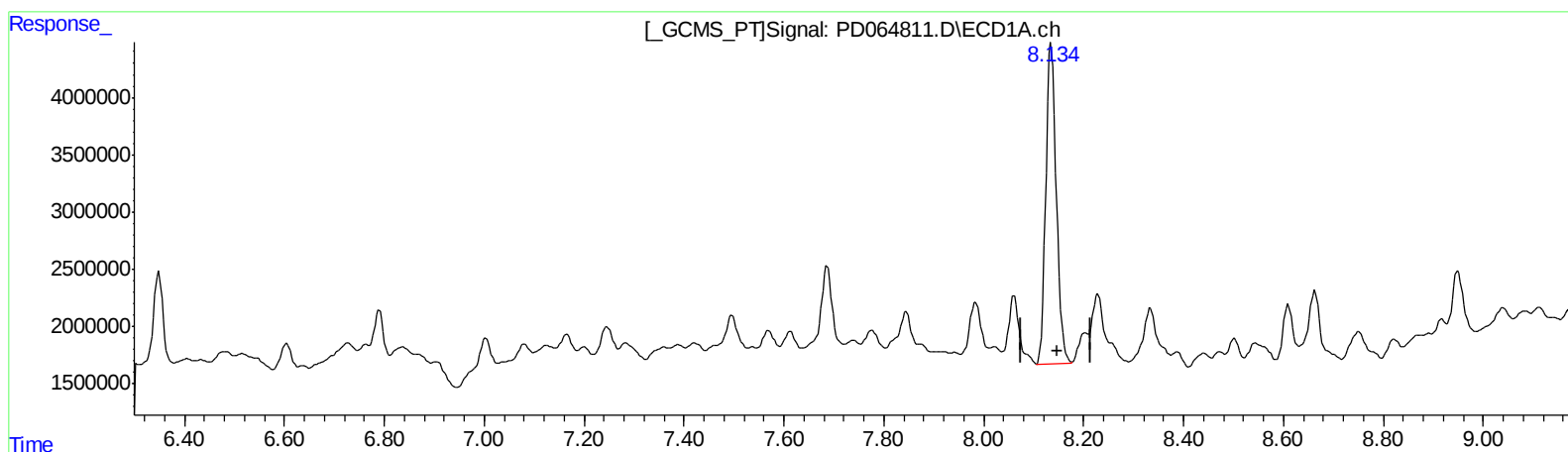
Instrument :
ECD_D
ClientSampleId :
C00E3

Manual Integrations
APPROVED

mohammad
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 07:07:35 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
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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

(10) trans-Chlordane (B)
8.134min 25.941 ng/ml m
response 41570306

(10) trans-Chlordane #2 (B)
7.331min 2.995 ng/ml m
response 27165976

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 18:57
Operator : AR\AJ
Sample : M3208-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

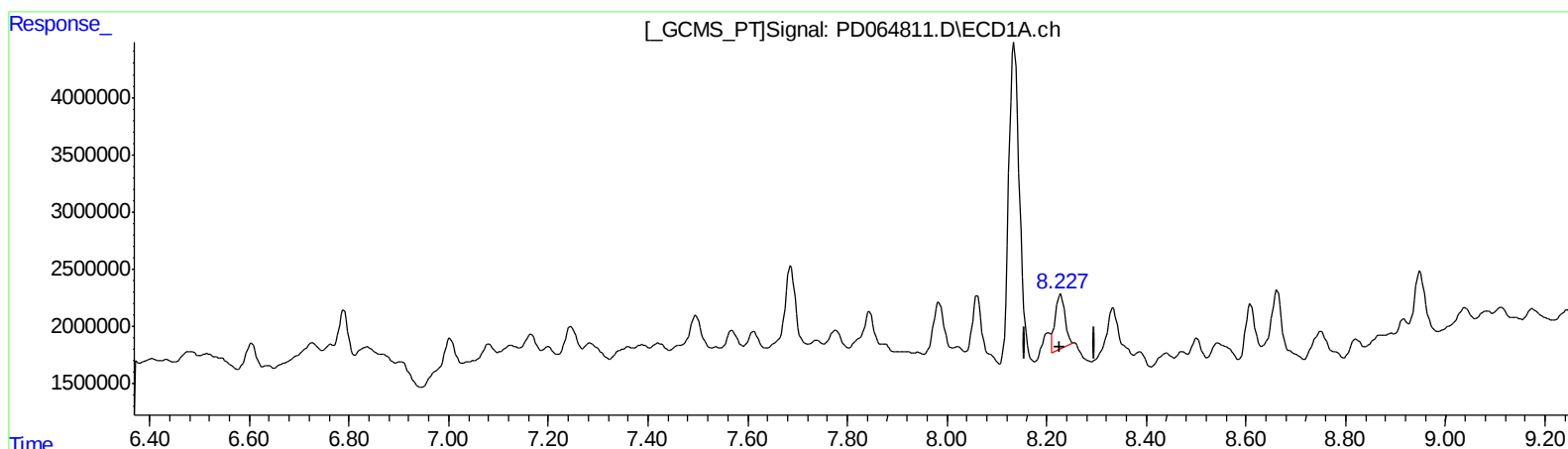
Instrument :
ECD_D
ClientSampleId :
C00E3

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:13 PM

Integration File signal 1: autoint1.e
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QLast Update : Wed Jul 28 07:07:14 2021
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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



(11) cis-Chlordane (B)

8.228min 4.340 ng/ml

response 6761764

(11) cis-Chlordane #2 (B)

7.391min 10.559 ng/ml

response 93924441

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 18:57
Operator : AR\AJ
Sample : M3208-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

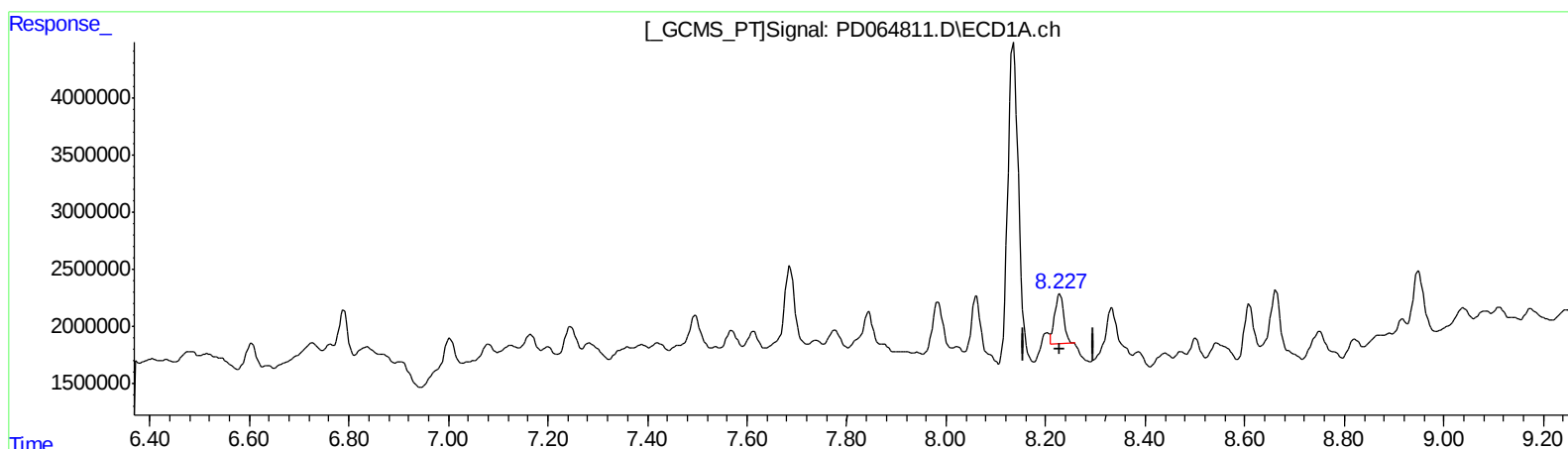
Instrument :
ECD_D
ClientSampleId :
C00E3

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:13 PM

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



(11) cis-Chlordane (B)
8.227min 3.571 ng/ml m
response 5564105

(11) cis-Chlordane #2 (B)
7.389min 2.618 ng/ml m
response 23286078

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 18:57
Operator : AR\AJ
Sample : M3208-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

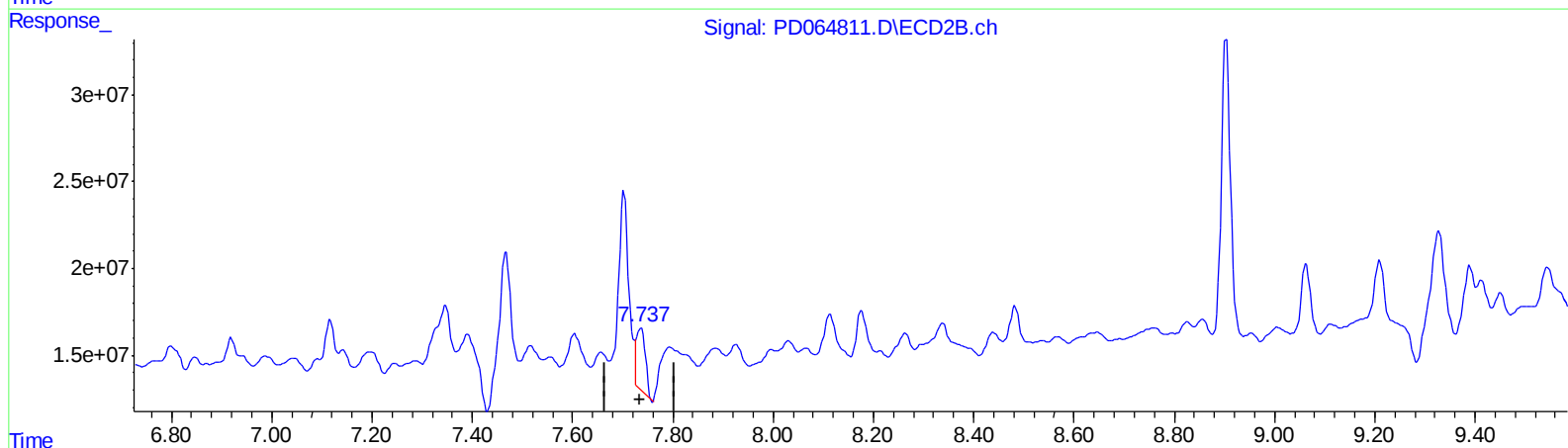
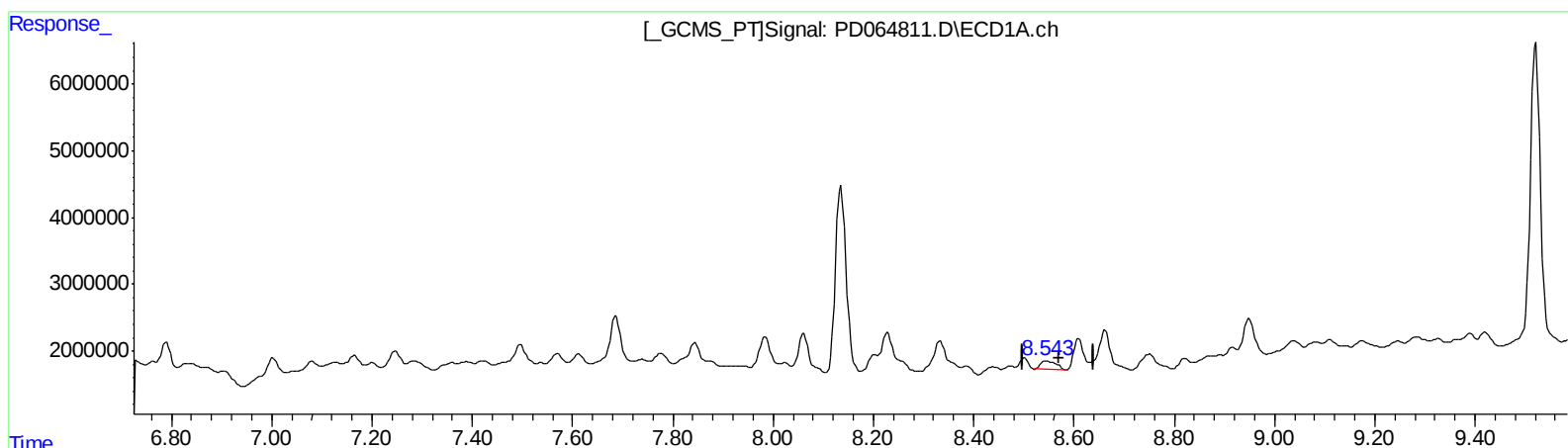
Instrument :
ECD_D
ClientSampleId :
C00E3

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:13 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)
8.544min 1.984 ng/ml
response 2958513

(13) Dieldrin #2 (MA)
7.737min 5.937 ng/ml
response 47687218

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 18:57
Operator : AR\AJ
Sample : M3208-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

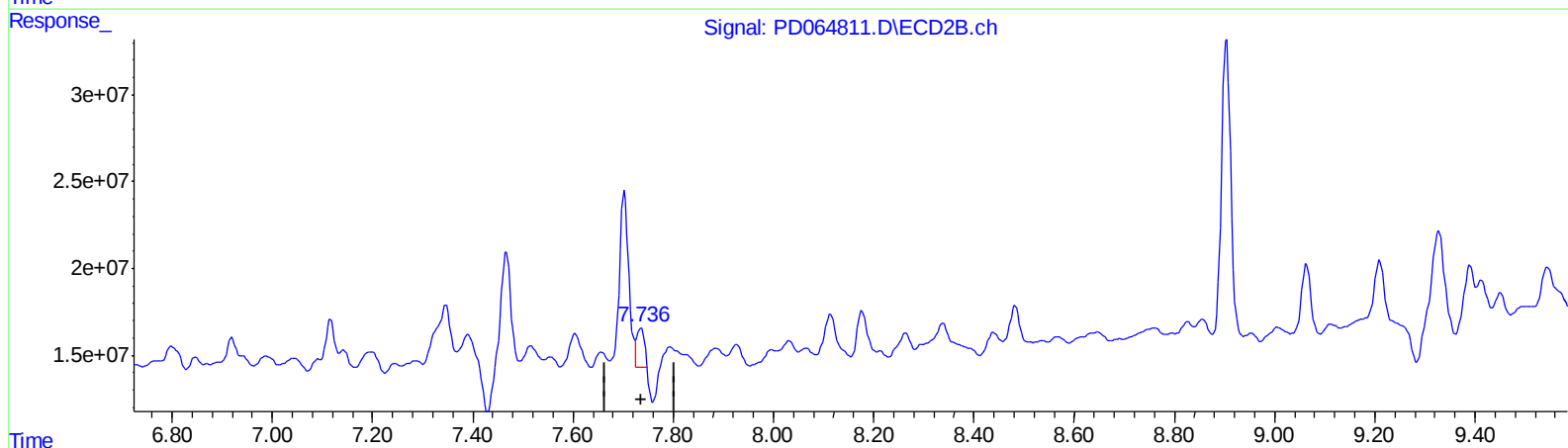
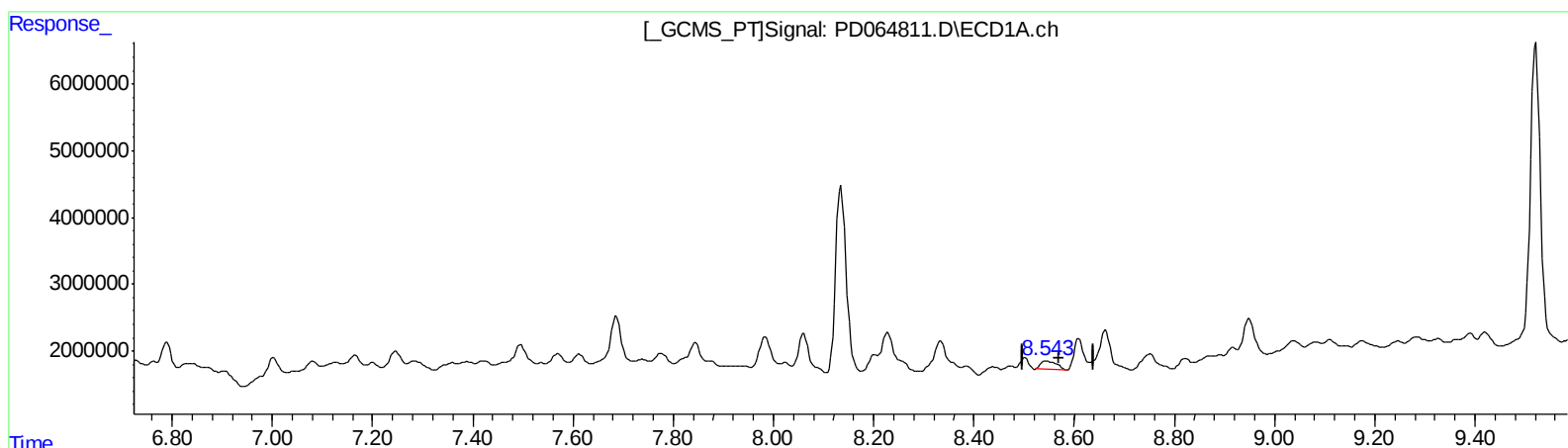
Instrument :
ECD_D
ClientSampleId :
C00E3

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:13 PM

Integration File signal 1: autoint1.e
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Quant Time: Aug 09 07:07:35 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

(13) Dieldrin (MA)
8.544min 1.984 ng/ml
response 2958513

(13) Dieldrin #2 (MA)
7.736min 3.014 ng/ml m
response 24205490

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 18:57
Operator : AR\AJ
Sample : M3208-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

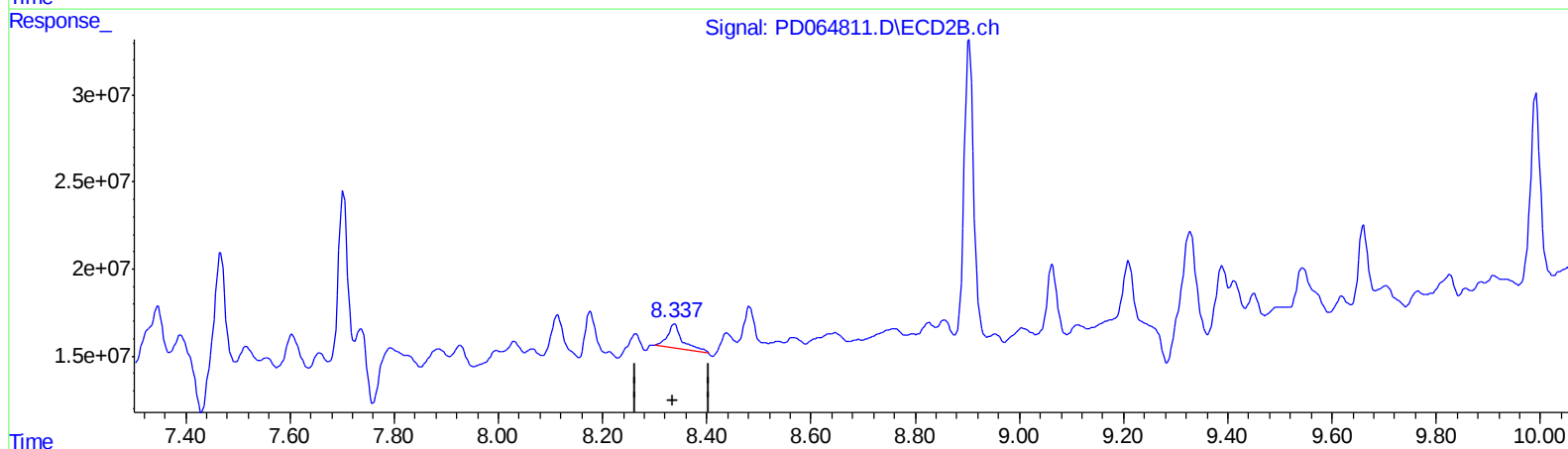
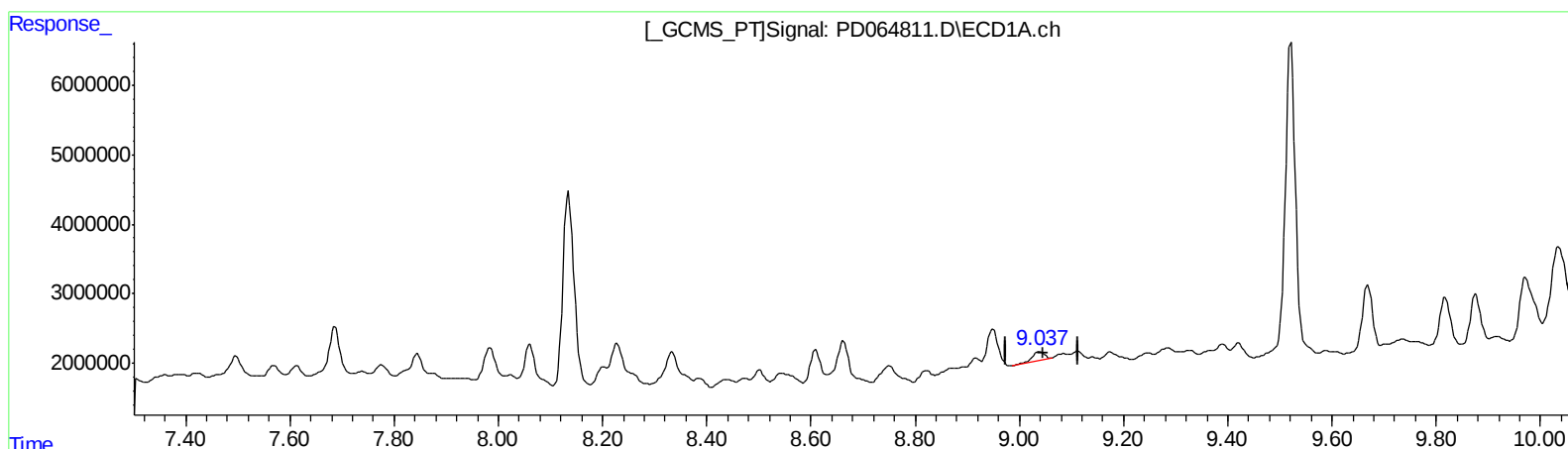
Instrument :
ECD_D
ClientSampleId :
C00E3

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:13 PM

Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
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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

(15) Endosulfan II (B)
9.039min 1.617 ng/ml
response 2100412

(15) Endosulfan II #2 (B)
8.338min 4.662 ng/ml
response 26912486

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 18:57
Operator : AR\AJ
Sample : M3208-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

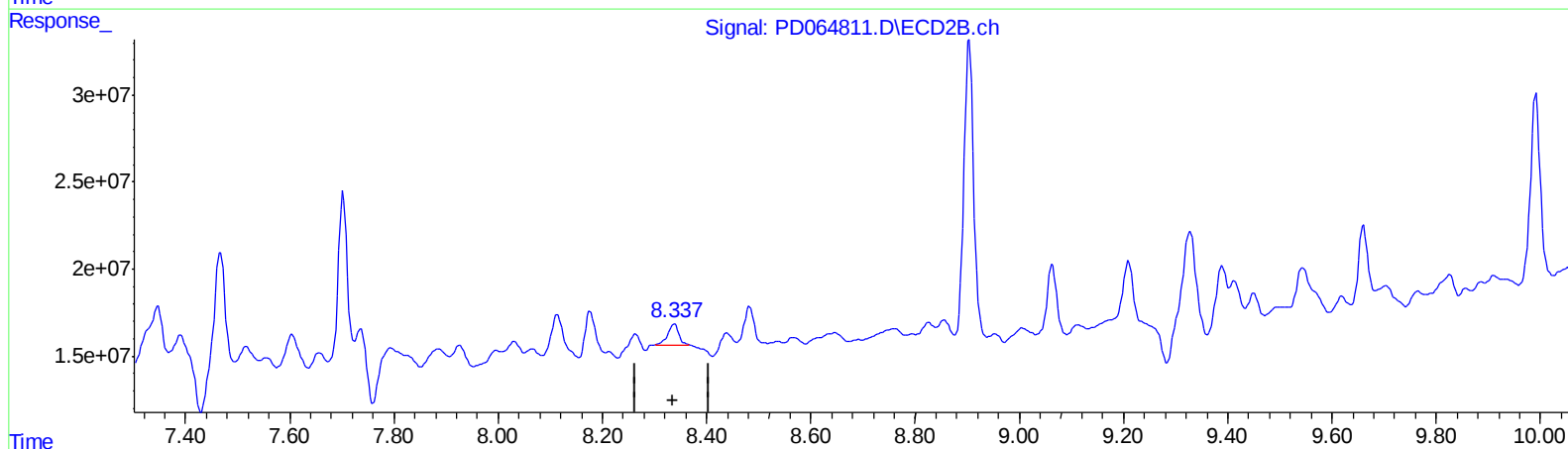
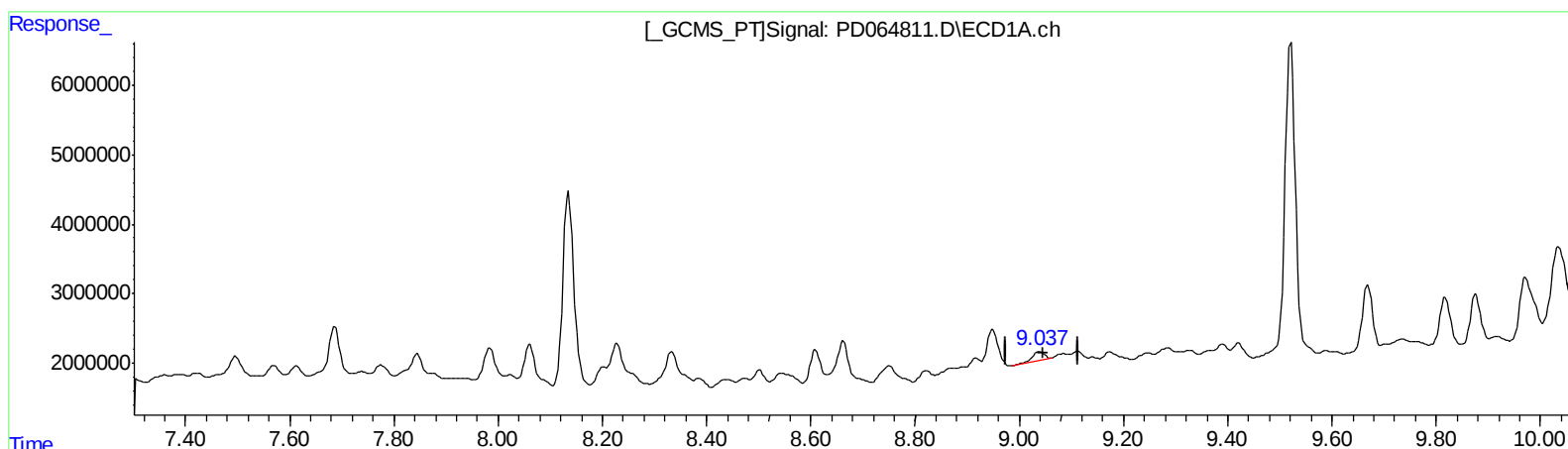
Instrument :
ECD_D
ClientSampled :
C00E3

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:13 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 07:07:35 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
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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

(15) Endosulfan II (B)

9.039min 1.617 ng/ml

response 2100412

(15) Endosulfan II #2 (B)

8.337min 2.977 ng/ml m

response 17186875

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 18:57
Operator : AR\AJ
Sample : M3208-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

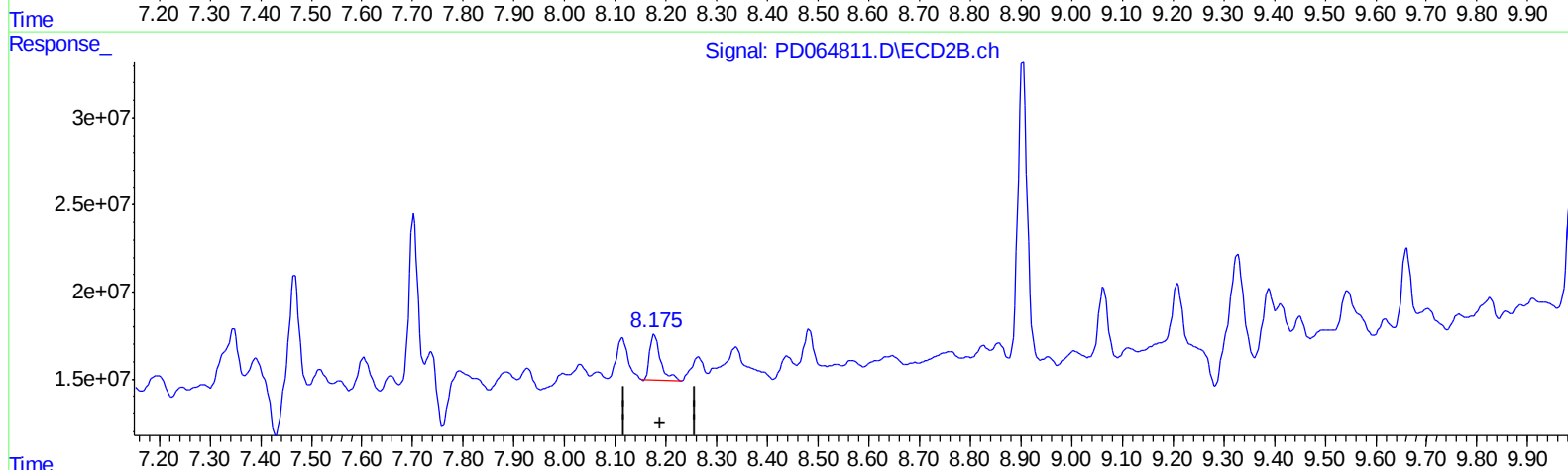
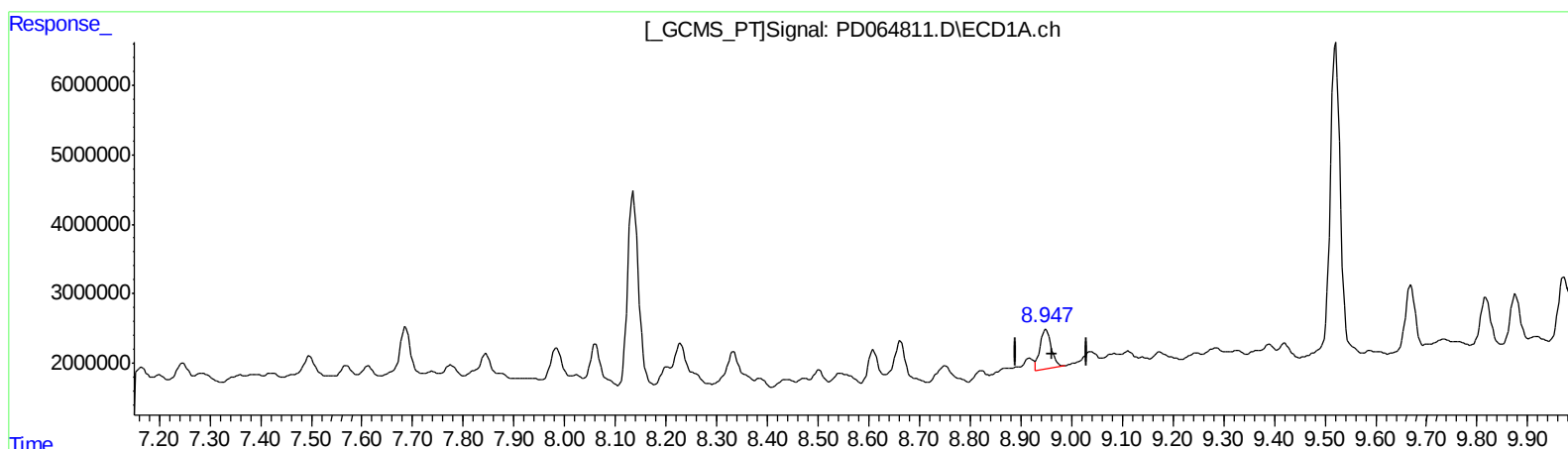
Instrument :
ECD_D
ClientSampleId :
C00E3

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:13 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

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

8.949min 7.425 ng/ml

response 9115058

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

8.177min 6.707 ng/ml

response 38629468

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
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Operator : AR\AJ
Sample : M3208-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

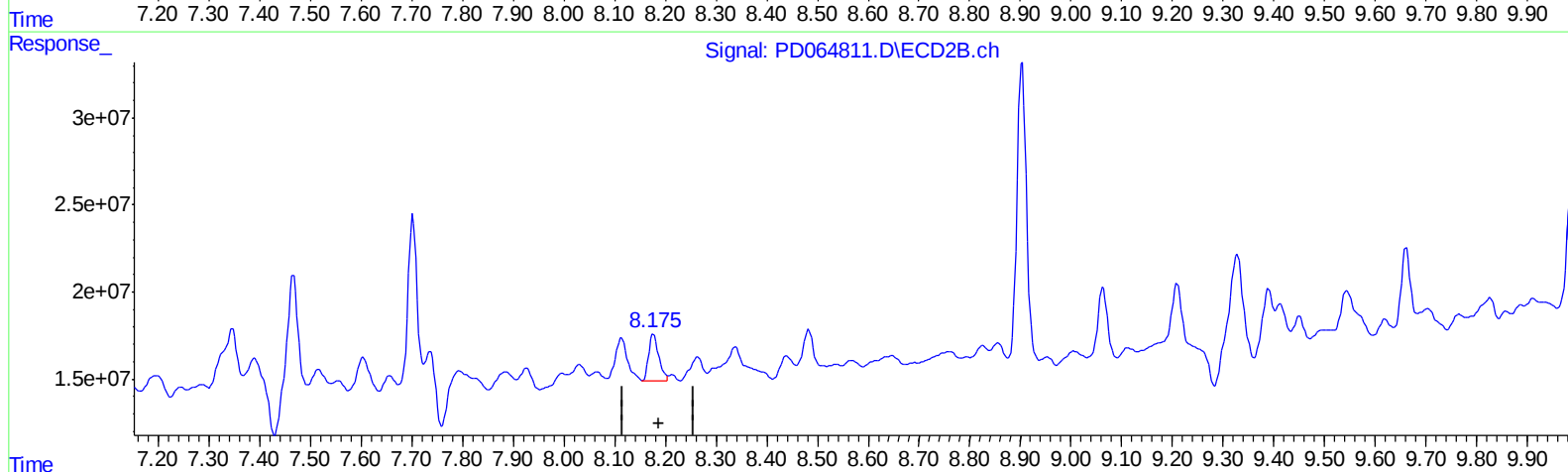
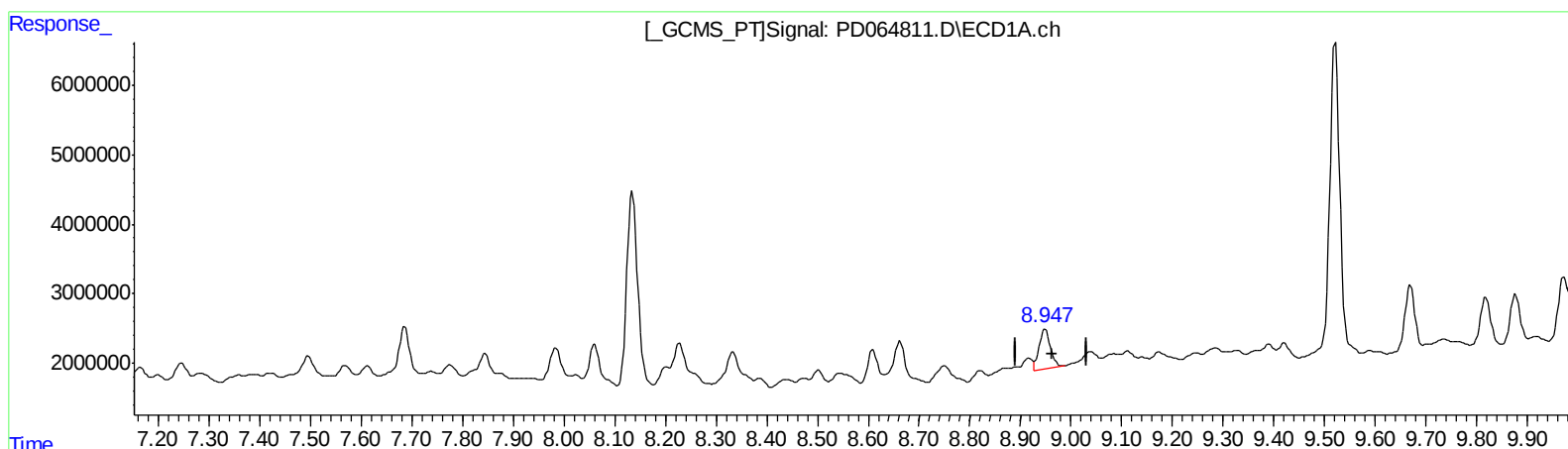
Instrument :
ECD_D
ClientSampleId :
C00E3

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:13 PM

Integration File signal 1: autoint1.e
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Quant Time: Aug 09 07:07:35 2021
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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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

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

8.949min 7.425 ng/ml

response 9115058

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

8.175min 6.682 ng/ml m

response 38485682

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 18:57
Operator : AR\AJ
Sample : M3208-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

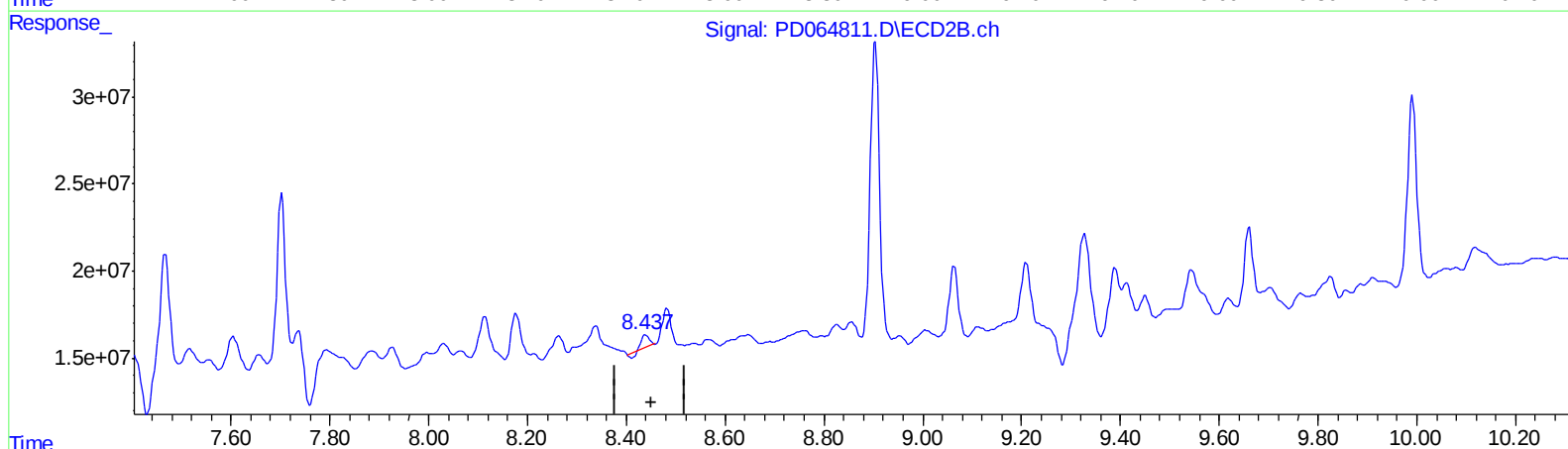
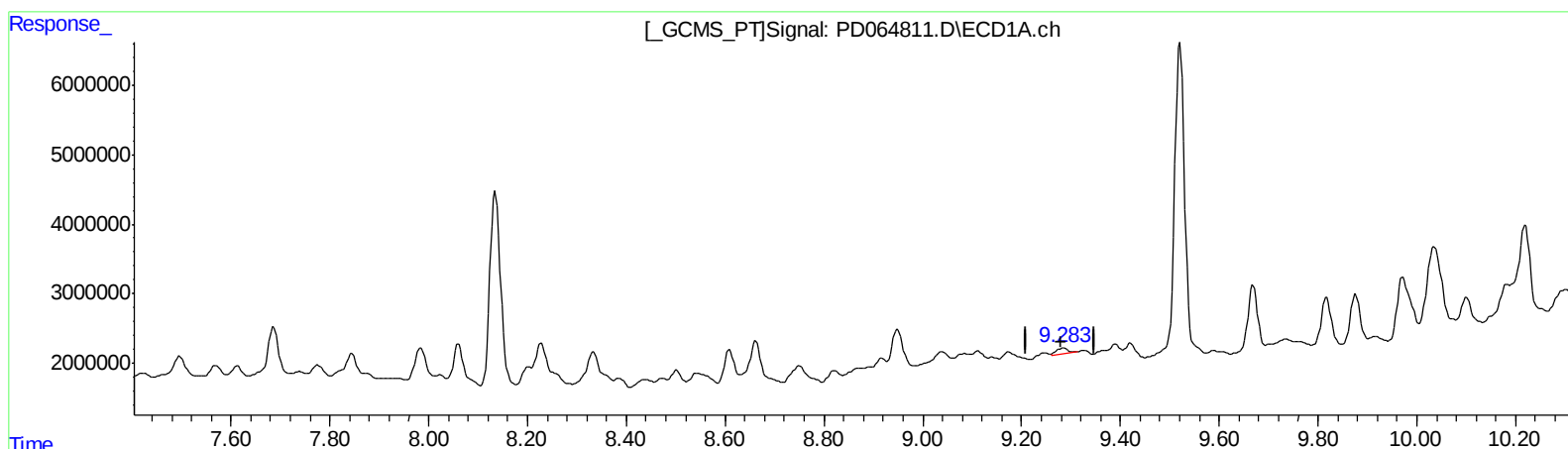
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

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

(17) 4,4'-DDT (MA)
9.284min 0.989 ng/ml
response 1291300

(17) 4,4'-DDT #2 (MA)
8.439min 1.198 ng/ml
response 6592172

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M3208-03
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ALS Vial : 34 Sample Multiplier: 1

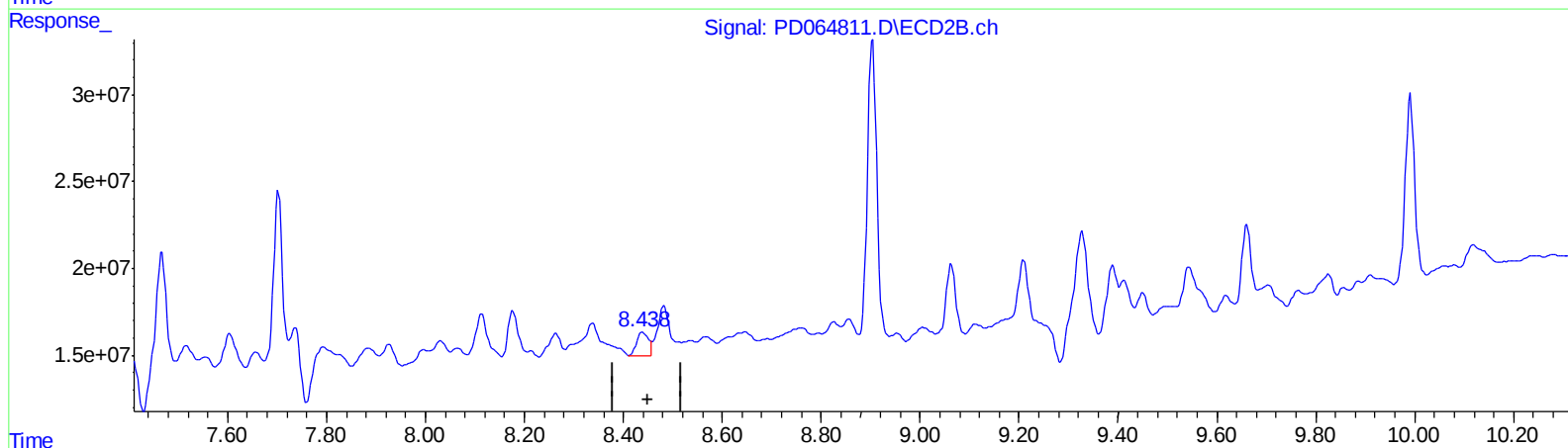
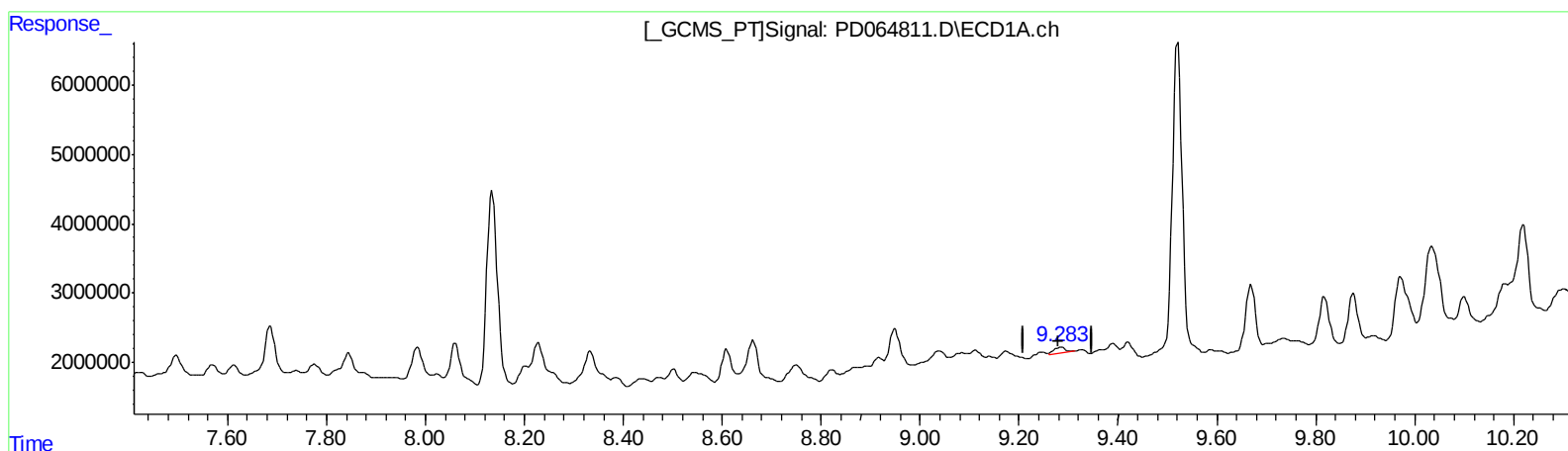
Instrument :
ECD_D
ClientSampleId :
C00E3

Manual Integrations
APPROVED

mohammad
8/9/2021 4:54:13 PM

Integration File signal 1: autoint1.e
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Quant Time: Aug 09 07:07:35 2021
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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

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

9.284min 0.989 ng/ml

response 1291300

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

8.438min 3.937 ng/ml m

response 21670817

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
 Data File : PD064811.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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 Operator : AR\AJ
 Sample : M3208-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C00E3

Manual Integrations
 APPROVED

mohammad
 8/9/2021 4:54:13 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

System Monitoring Compounds						
1) SA Tetrachlo...	5.405	4.617	14604997	132.1E6	12.243	14.455m
27) SA Decachlor...	11.306	10.358	19423898	127.2E6	14.755	21.397 #
Target Compounds						
10) B trans-Chl...	8.134	7.331	41570306	27165976	25.941m	2.995m#
11) B cis-Chlor...	8.227	7.389	5564105	23286078	3.571m	2.618m#
12) B 4,4'-DDE	8.440	7.605	1078359	29003871	0.748	3.844 #
13) MA Dieldrin	8.544	7.736	2958513	24205490	1.984	3.014m#
14) MA Endrin	8.822	8.032	1830331	12223974	1.430	2.128 #
15) B Endosulfa...	9.039	8.337	2100412	17186875	1.617	2.977m#
16) A 4,4'-DDD	8.949	8.175	9115058	38485682	7.425	6.682m
17) MA 4,4'-DDT	9.284	8.438	1291300	21670817	0.989	3.937m#
19) B Endosulfa...	9.420	8.761	2190562	10999880	1.589	2.041 #

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

AJ
 08/19/21