

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 17:22
Operator : AR\AJ
Sample : M3182-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

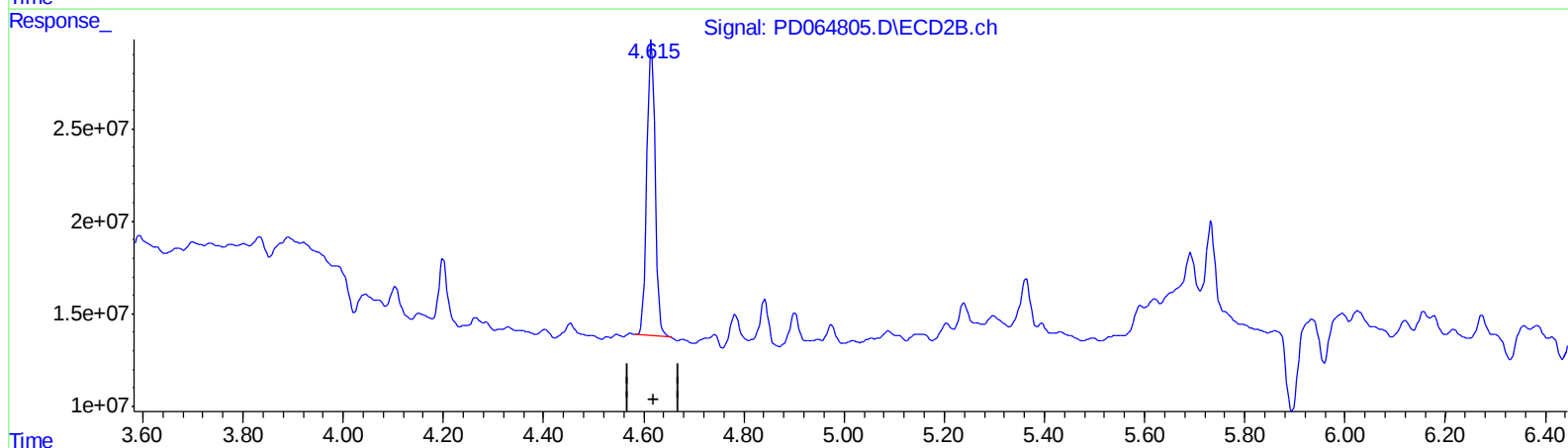
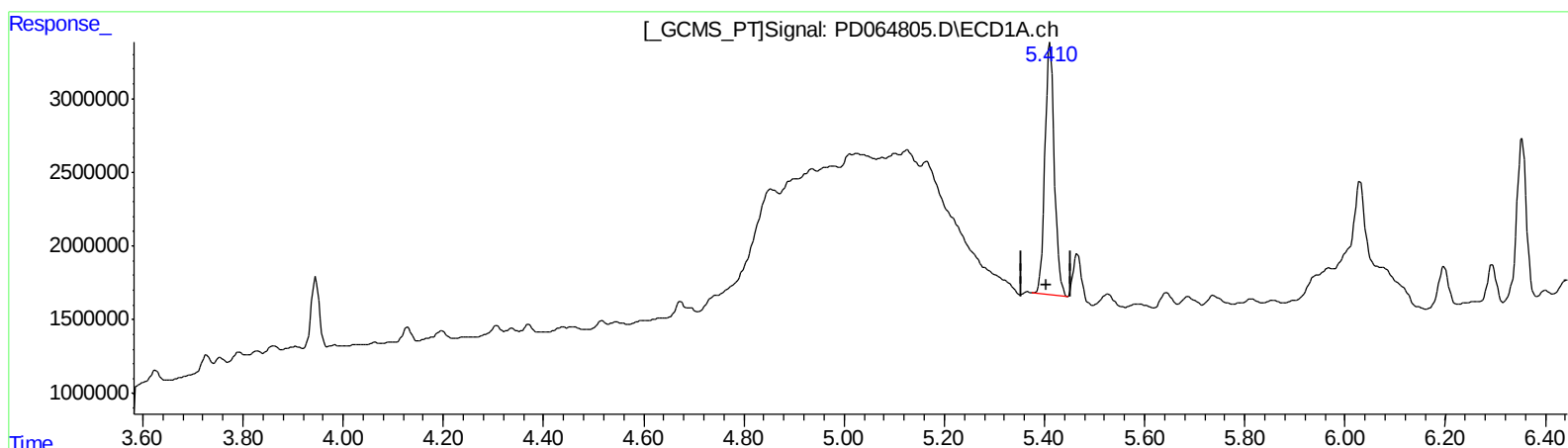
Instrument :
ECD_D
ClientSampleId :
C00D7

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:58 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 04:49:32 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)

5.410min 18.660 ng/ml m

response 22259361

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

4.616min 19.920 ng/ml

response 182028370

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 17:22
Operator : AR\AJ
Sample : M3182-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

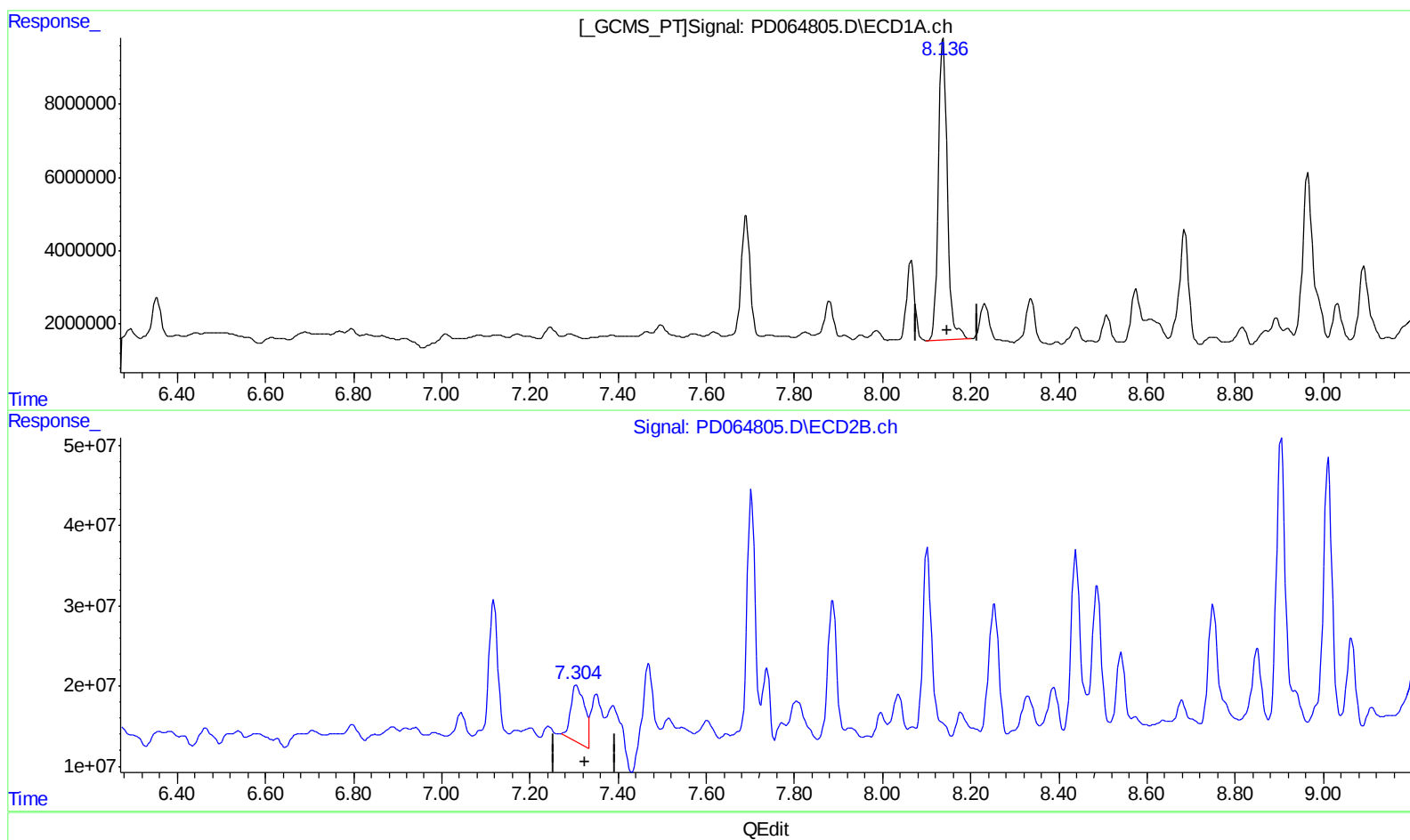
Instrument :
ECD_D
ClientSampleId :
C00D7

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:58 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 04:49:32 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



(10) trans-Chlordane (B)

8.137min 72.567 ng/ml

response 116287271

(10) trans-Chlordane #2 (B)

7.305min 17.076 ng/ml

response 154884832

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 17:22
Operator : AR\AJ
Sample : M3182-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

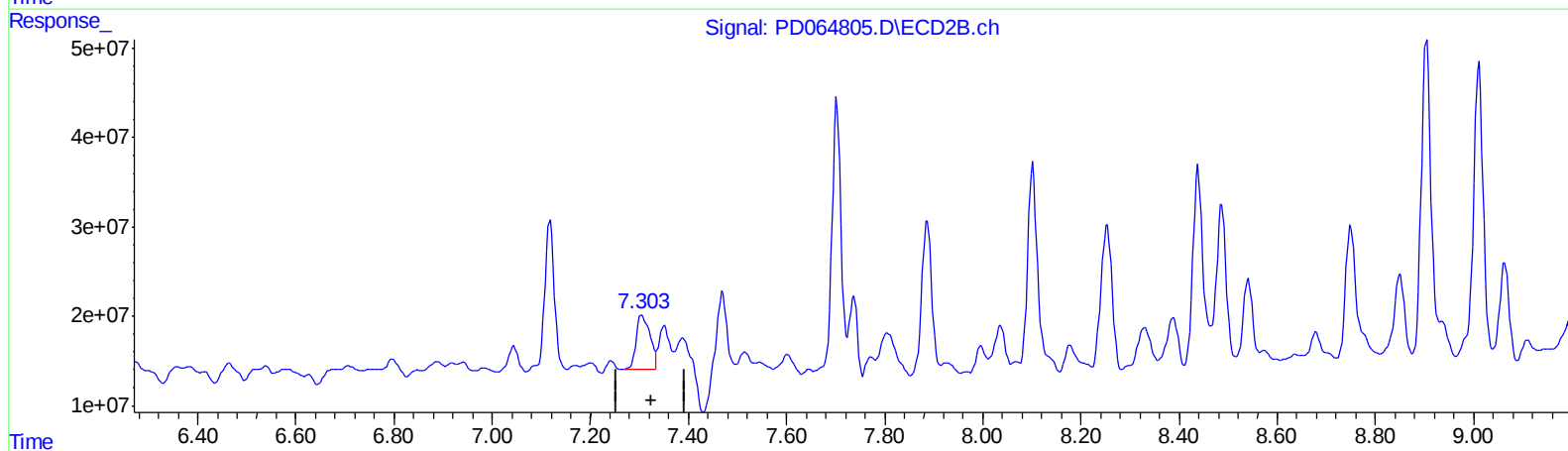
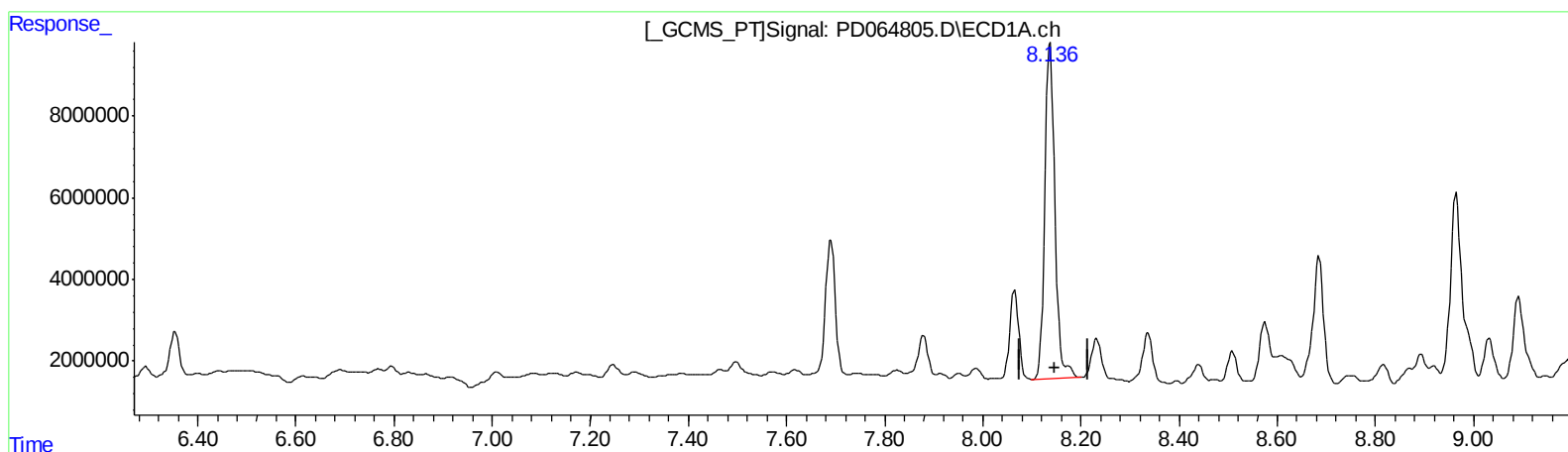
Instrument :
ECD_D
ClientSampleId :
C00D7

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:58 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 04:49:32 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

(10) trans-Chlordane (B)

8.137min 72.567 ng/ml

response 116287271

(10) trans-Chlordane #2 (B)

7.303min 13.136 ng/ml m

response 119144184

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 17:22
Operator : AR\AJ
Sample : M3182-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

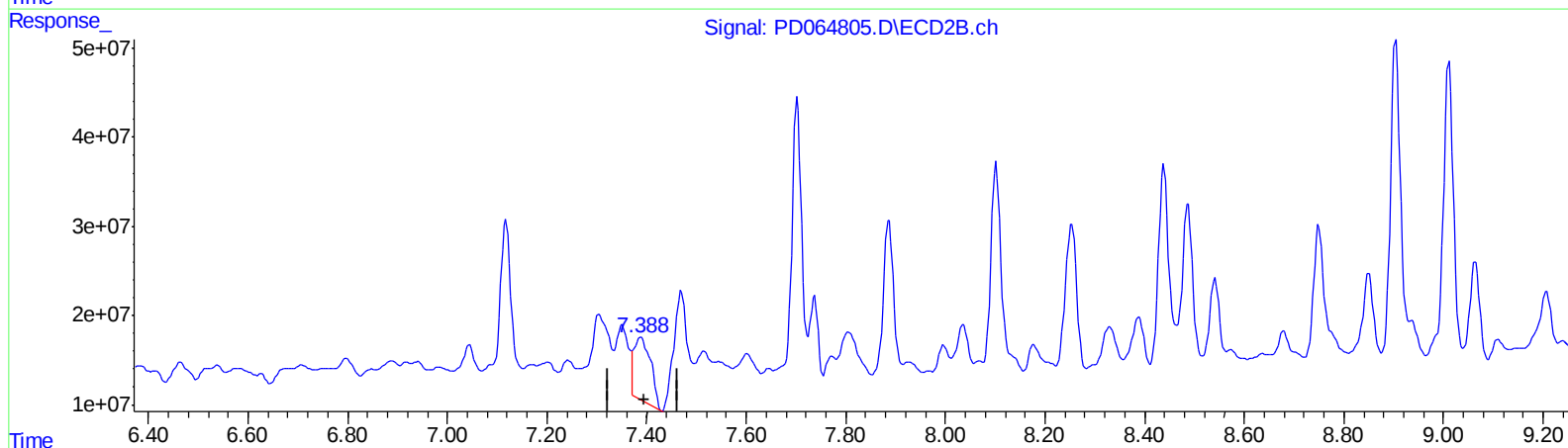
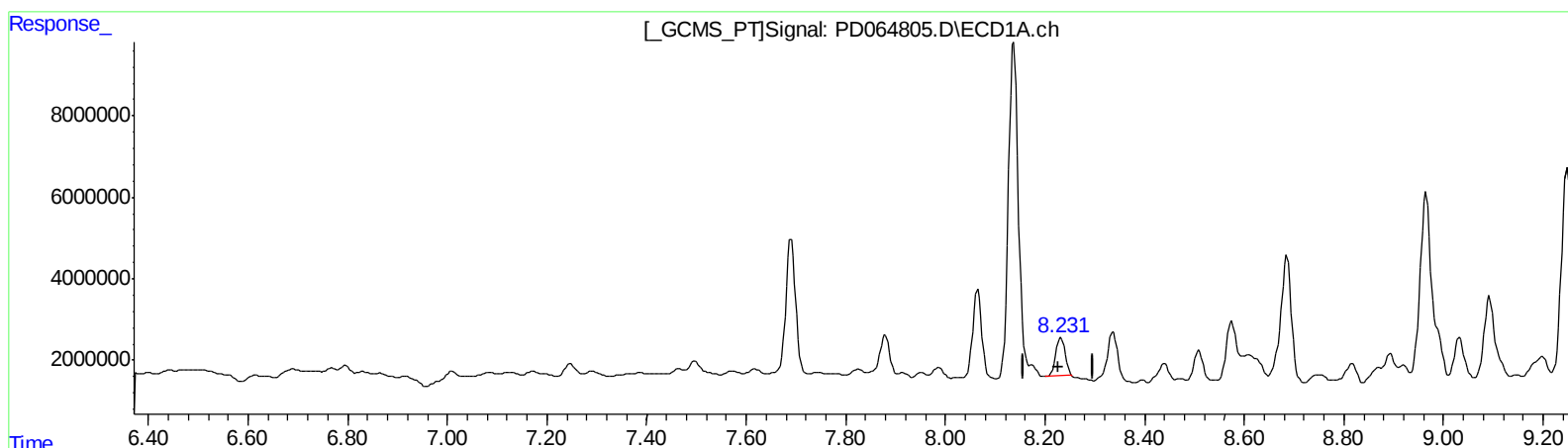
Instrument :
ECD_D
ClientSampled :
C00D7

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:58 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 04:49:32 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

(11) cis-Chlordane (B)

8.232min 7.898 ng/ml

response 12305258

(11) cis-Chlordane #2 (B)

7.389min 18.835 ng/ml

response 167545712

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 17:22
Operator : AR\AJ
Sample : M3182-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

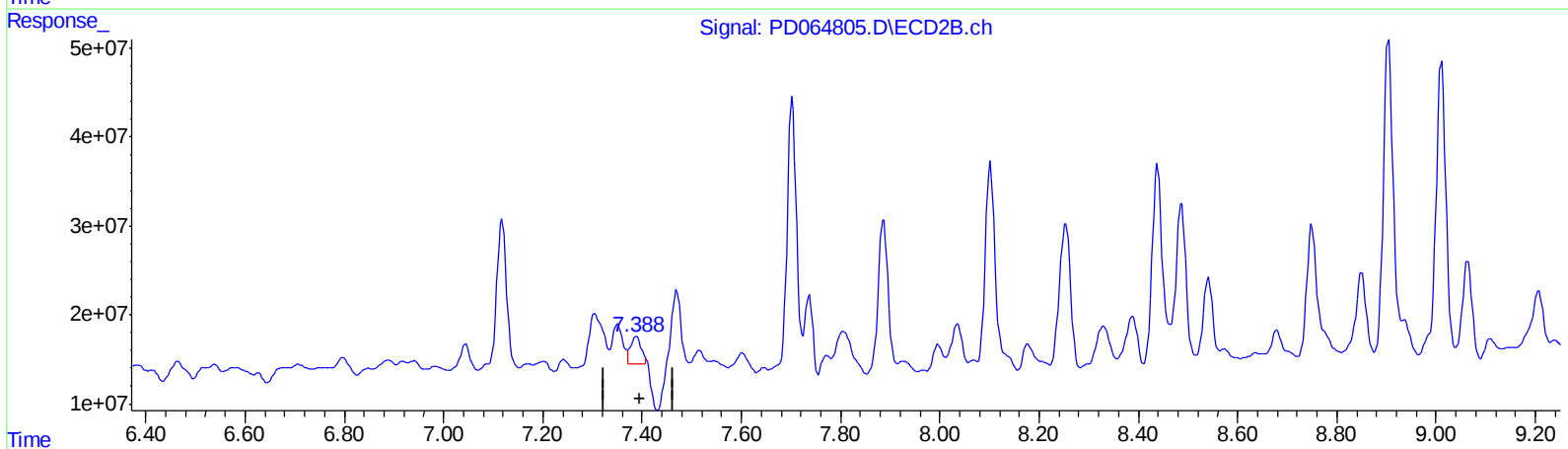
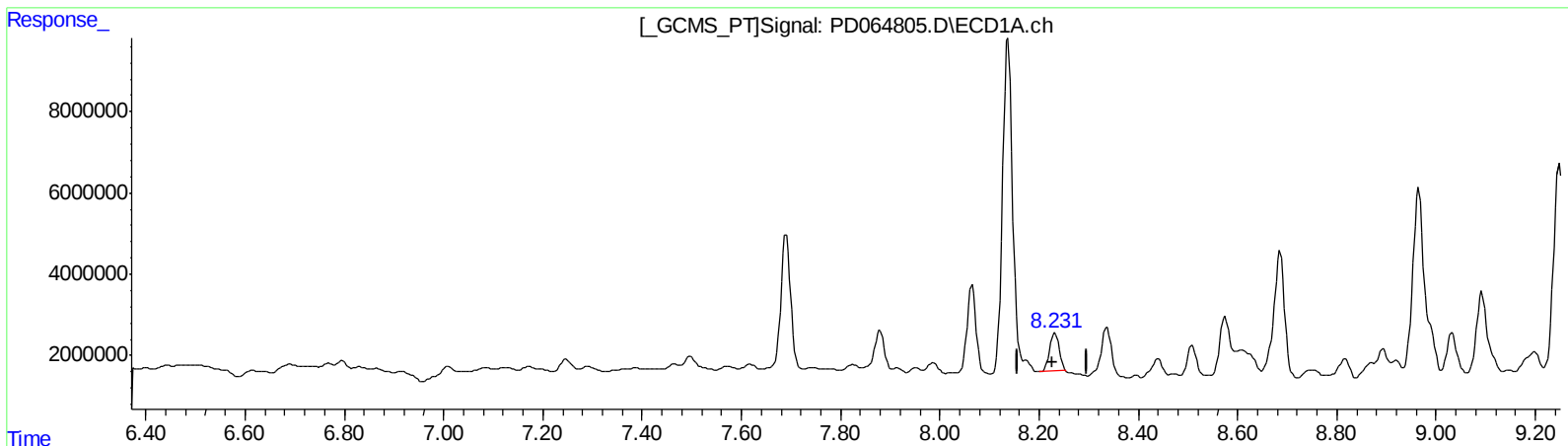
Instrument :
ECD_D
ClientSampled :
C00D7

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:58 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 04:49:32 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

(11) cis-Chlordane (B)

8.232min 7.898 ng/ml

response 12305258

(11) cis-Chlordane #2 (B)

7.388min 4.926 ng/ml m

response 43817478

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 17:22
Operator : AR\AJ
Sample : M3182-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

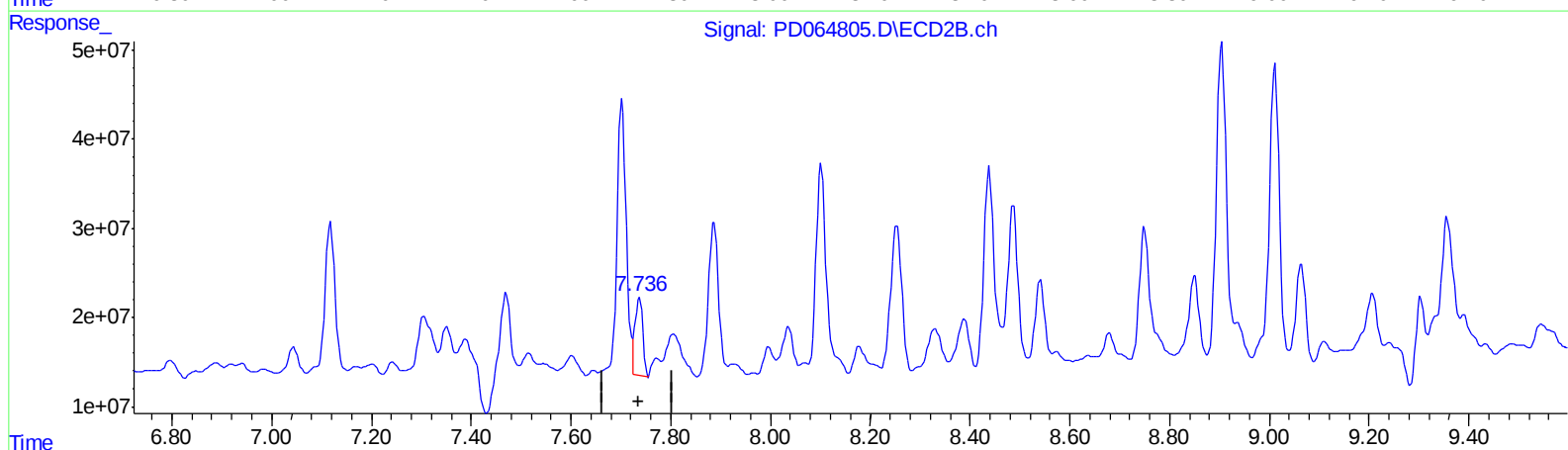
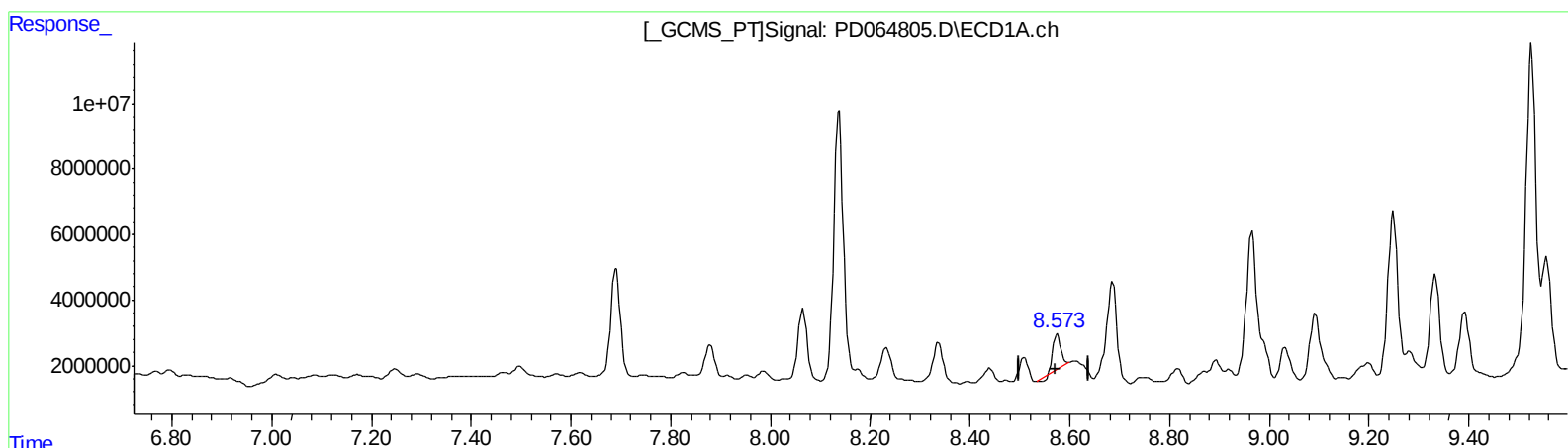
Instrument :
ECD_D
ClientSampleID :
C00D7

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:58 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 04:49:32 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

(13) Dieldrin (MA)
8.575min 7.634 ng/ml
response 11383825

(13) Dieldrin #2 (MA)
7.738min 11.957 ng/ml
response 96033520

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 17:22
Operator : AR\AJ
Sample : M3182-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

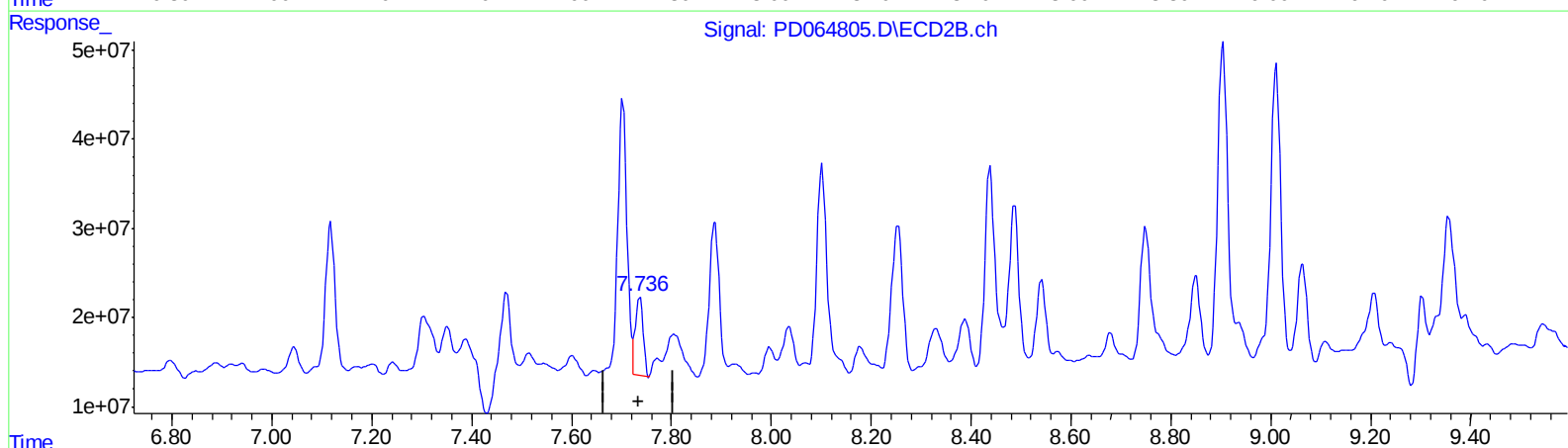
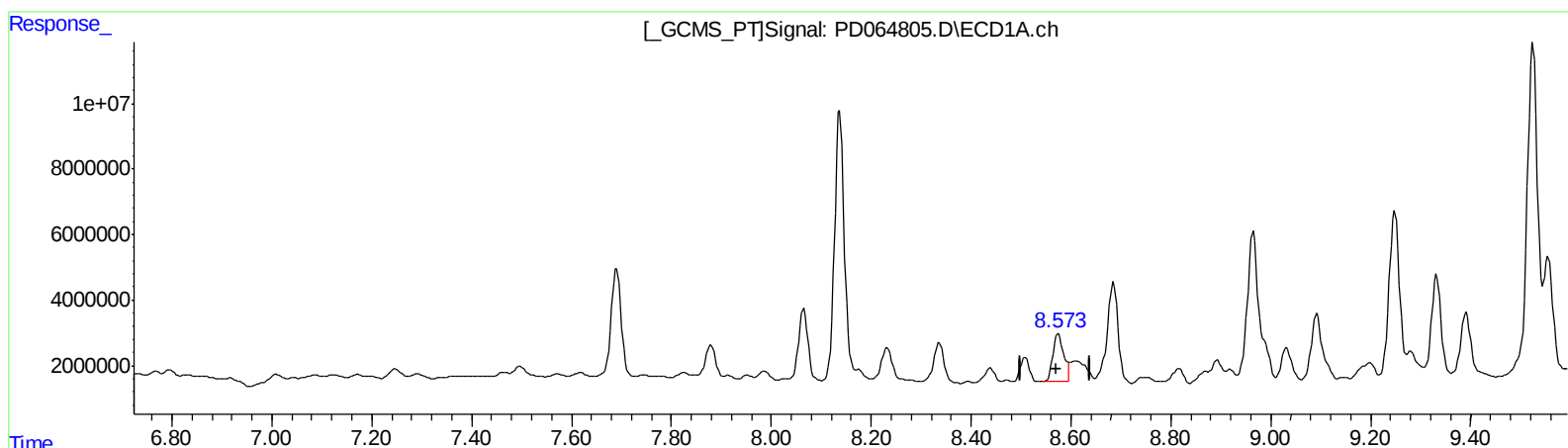
Instrument :
ECD_D
ClientSampleID :
C00D7

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:58 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 04:49:32 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

(13) Dieldrin (MA)
8.573min 14.834 ng/ml m
response 22121309

(13) Dieldrin #2 (MA)
7.738min 11.957 ng/ml
response 96033520

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 17:22
Operator : AR\AJ
Sample : M3182-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

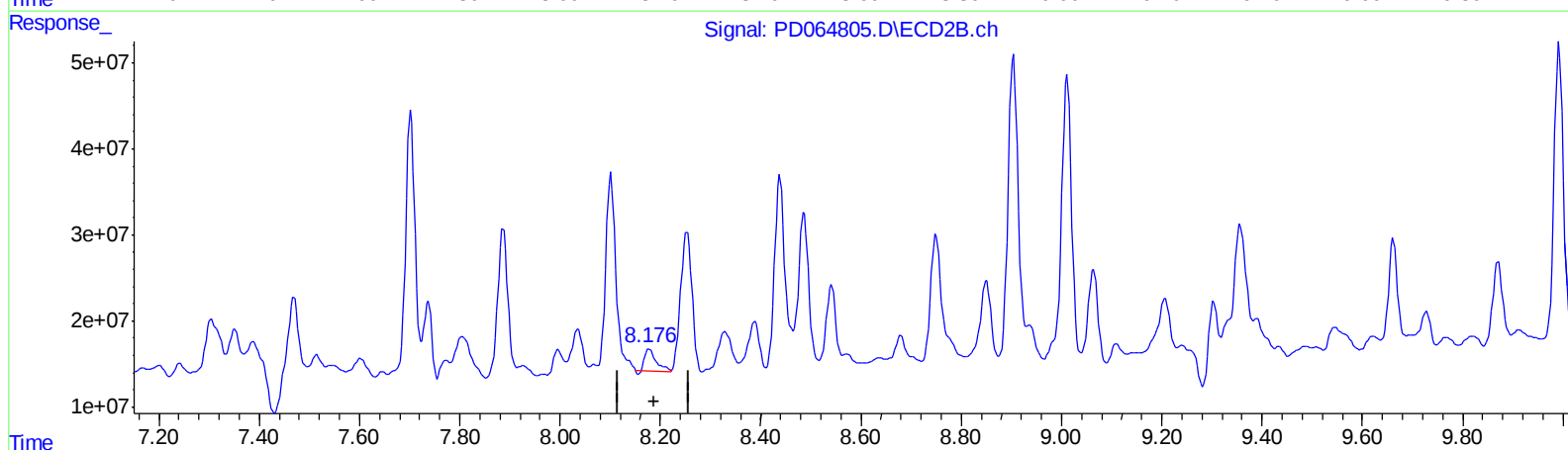
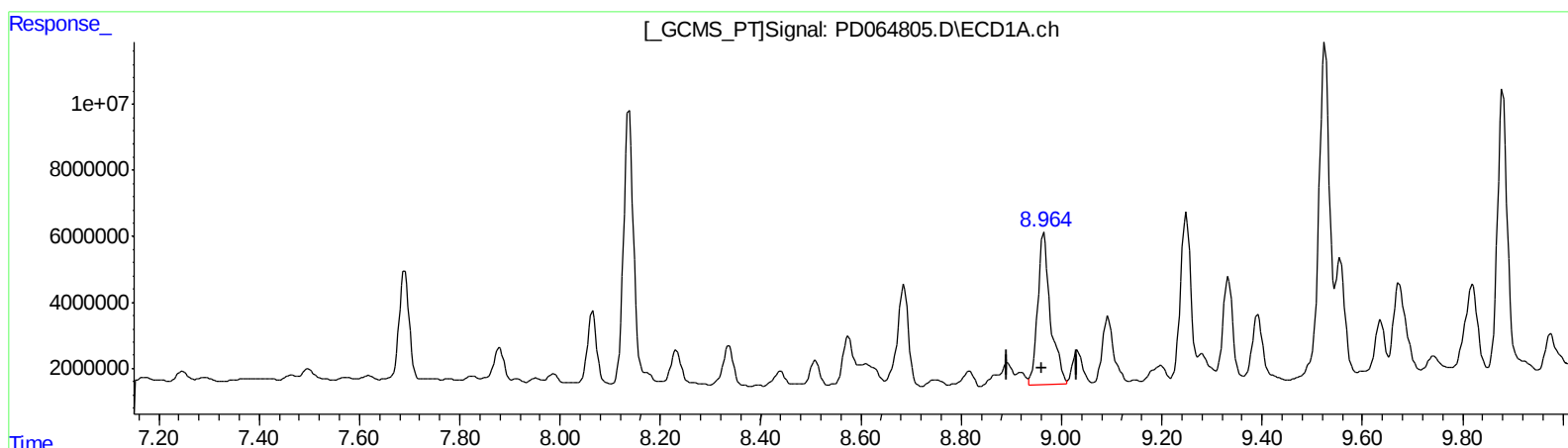
Instrument :
ECD_D
ClientSampleID :
C00D7

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:58 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 04:49:32 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

(16) 4,4'-DDD (A)
8.965min 65.545 ng/ml
response 80460165

(16) 4,4'-DDD #2 (A)
8.178min 6.549 ng/ml
response 37719358

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
Data File : PD064805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2021 17:22
Operator : AR\AJ
Sample : M3182-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

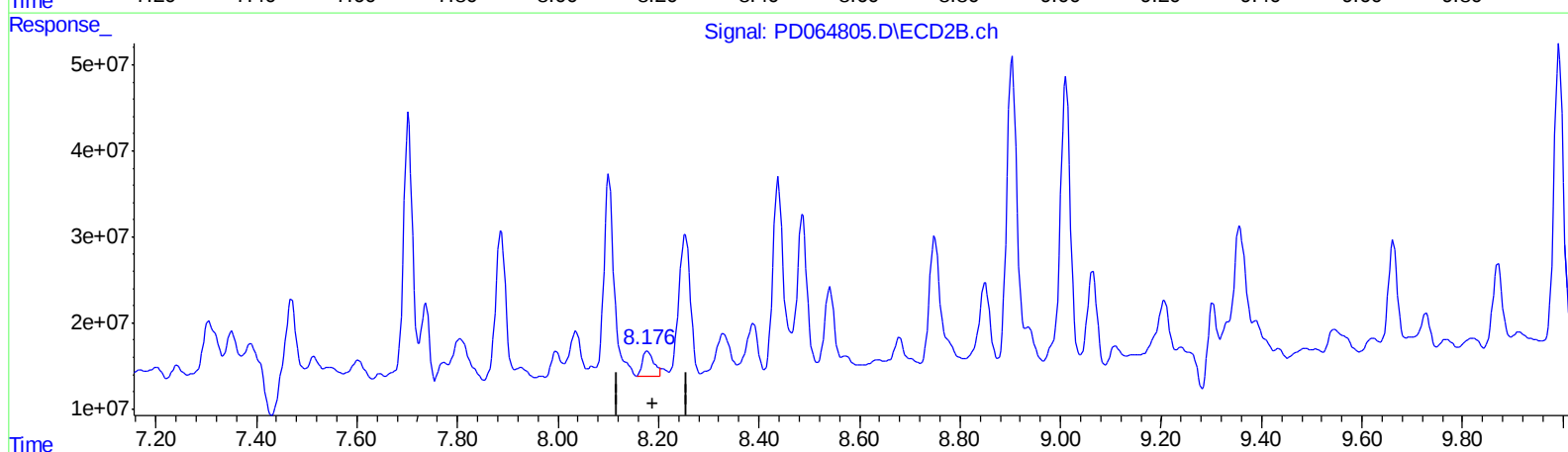
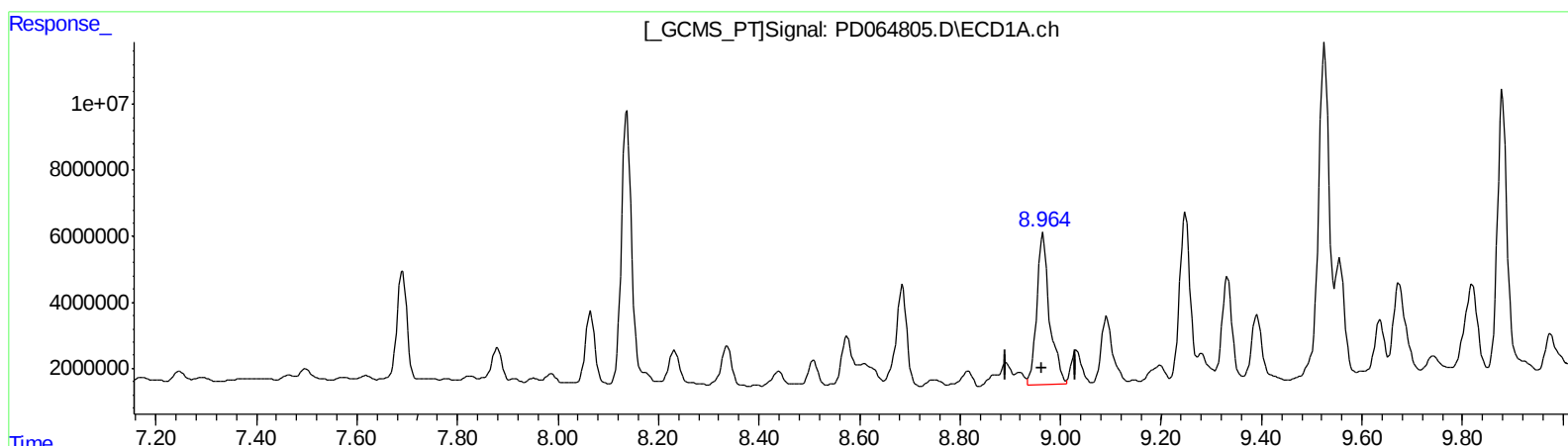
Instrument :
ECD_D
ClientSampleId :
C00D7

Manual Integrations
APPROVED

mohammad
8/9/2021 4:53:58 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 04:49:32 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

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

8.965min 65.545 ng/ml

response 80460165

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

8.176min 8.216 ng/ml m

response 47321722

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080621\
 Data File : PD064805.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2021 17:22
 Operator : AR\AJ
 Sample : M3182-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C00D7

Manual Integrations
 APPROVED

mohammad
 8/9/2021 4:53:58 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 04:49:32 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 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...	5.410	4.616	22259361	182.0E6	18.660m	19.920
27) SA Decachlor...	11.311	10.360	40417193	218.6E6	30.703	36.751
Target Compounds						
8) B Heptachlo...	7.879	7.045	13365109	39477825	7.785	4.265 #
10) B trans-Chl...	8.137	7.303	116.3E6	119.1E6	72.567	13.136m#
11) B cis-Chlor...	8.232	7.388	12305258	43817478	7.898	4.926m#
12) B 4,4'-DDE	8.440	7.602	5792846	29577179	4.019	3.920
13) MA Dieldrin	8.573	7.738	22121309	96033520	14.834m	11.957
14) MA Endrin	8.817	8.036	7547020	64945828	5.894	11.306 #.
15) B Endosulfa...	9.032	8.330	14073663	64522050	10.838	11.178
16) A 4,4'-DDD	8.965	8.176	80460165	47321722	65.545	8.216m#

AJ
 08/11/21

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