

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

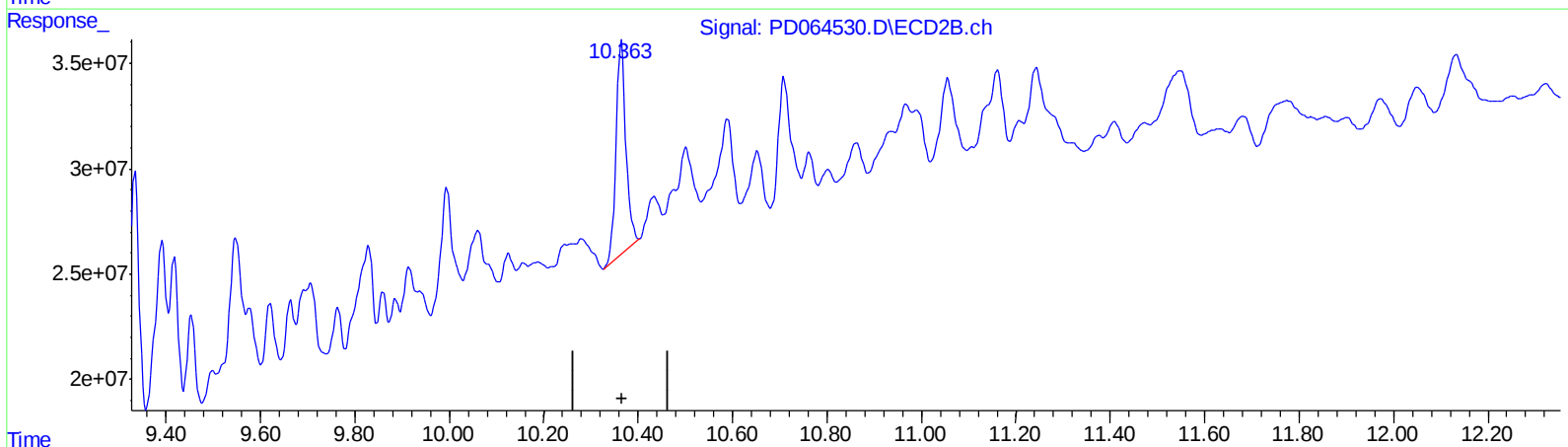
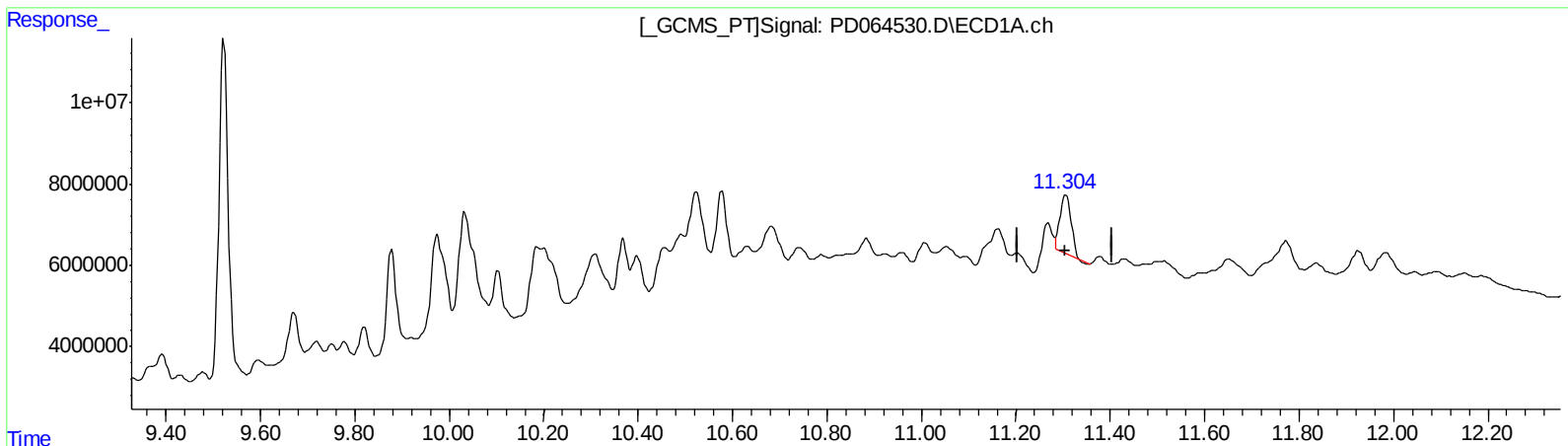
Instrument :
ECD_D
ClientSampled :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:21 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

(27) Decachlorobiphenyl (SA)

11.306min 17.982 ng/ml

response 23671526

(27) Decachlorobiphenyl #2 (SA)

10.365min 25.323 ng/ml

response 150590775

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

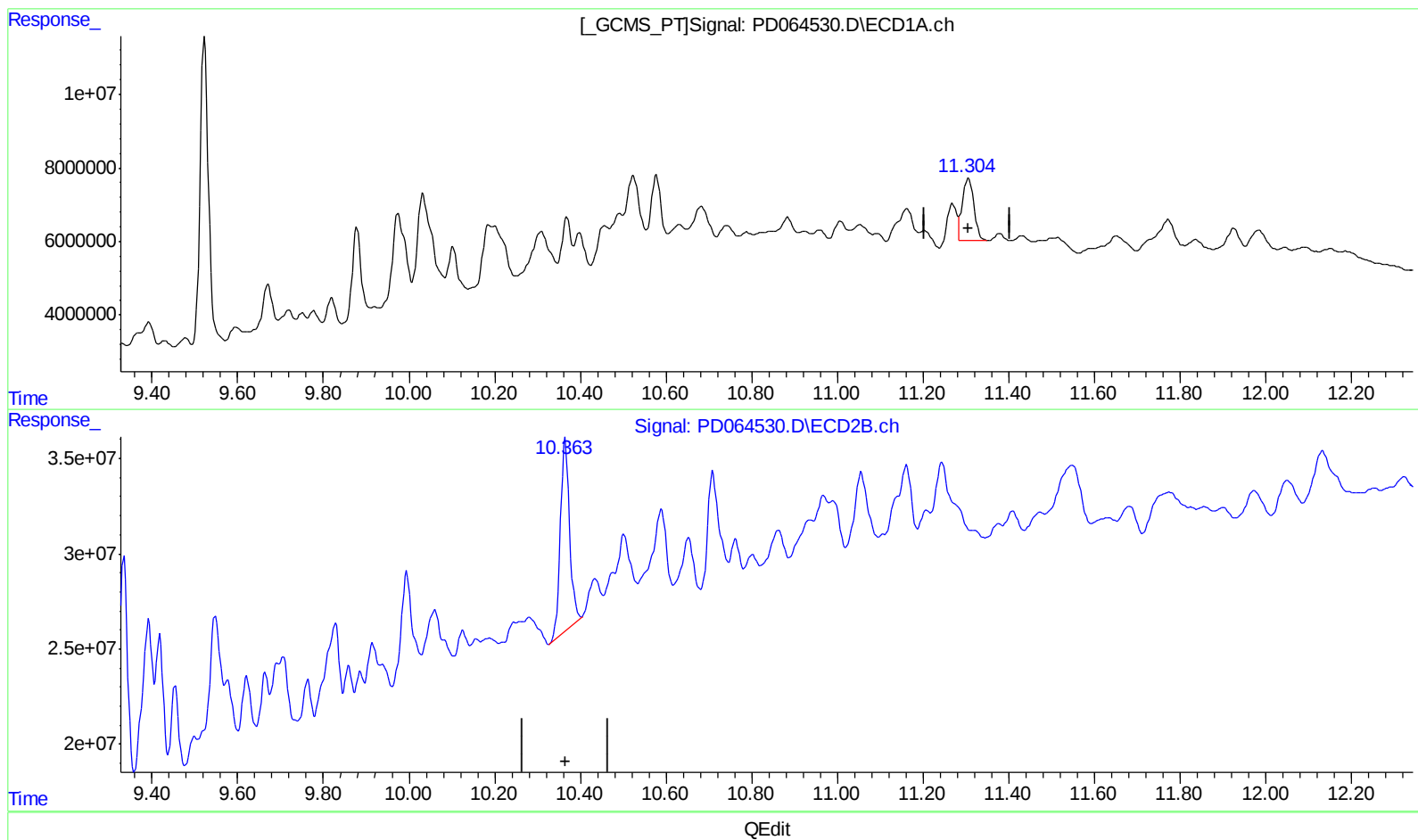
Instrument :
ECD_D
ClientSampleId :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:21 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(27) Decachlorobiphenyl (SA)

11.304min 23.930 ng/ml m

response 31500812

(27) Decachlorobiphenyl #2 (SA)

10.365min 25.323 ng/ml

response 150590775

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

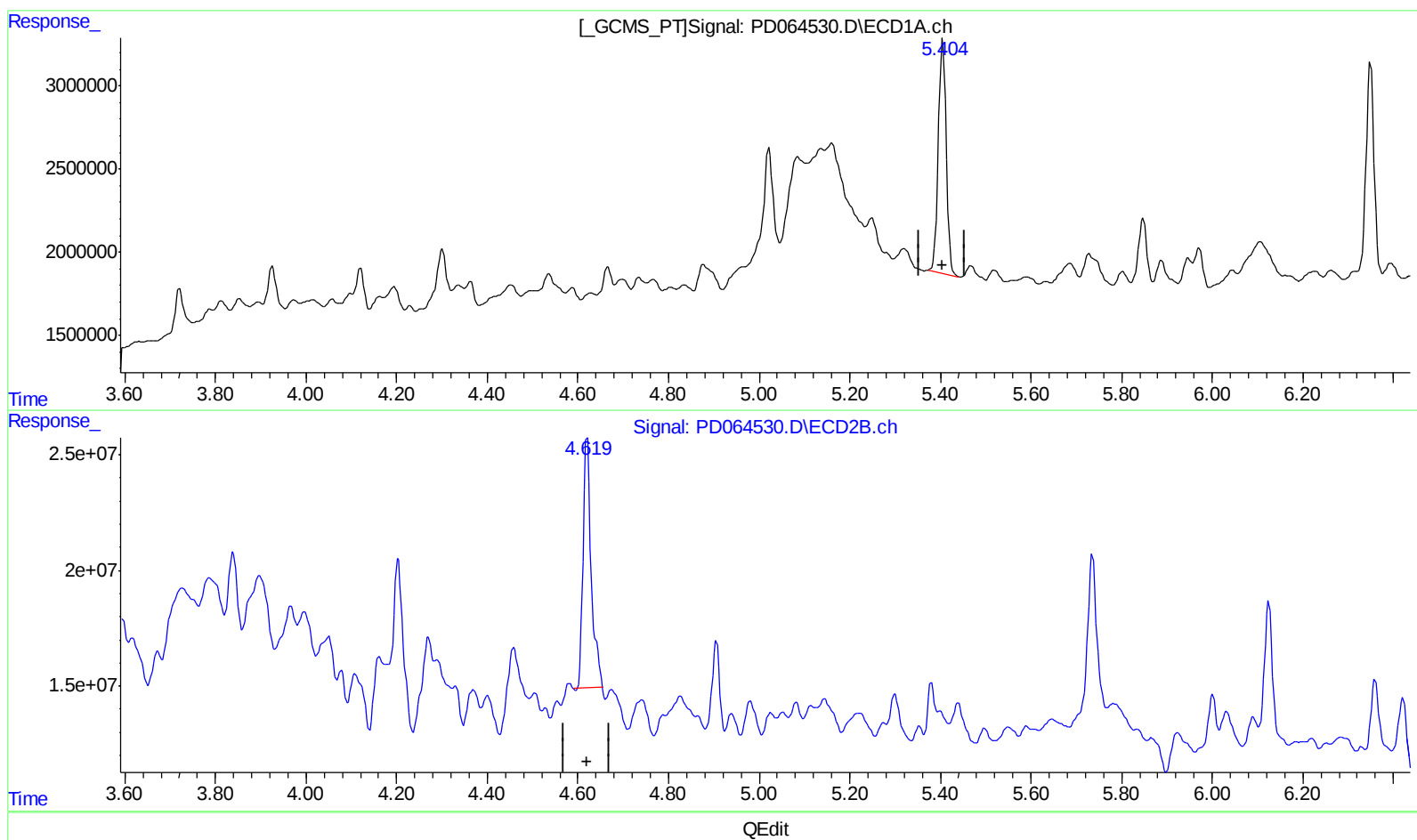
Instrument :
ECD_D
ClientSampleId :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:21 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 14.155 ng/ml

response 16884861

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

4.620min 14.727 ng/ml

response 134567713

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

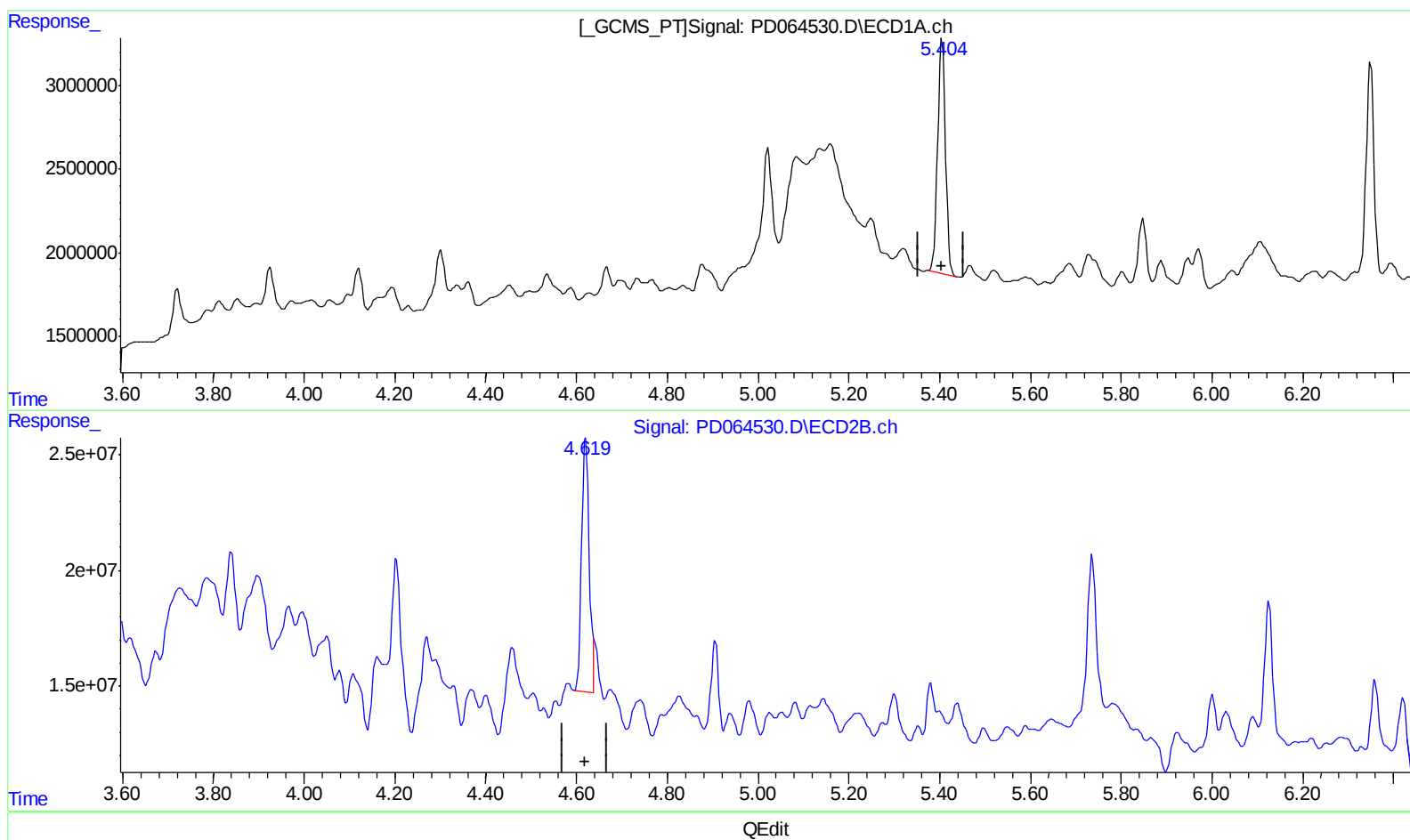
Instrument :
ECD_D
ClientSampleId :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:21 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 14.155 ng/ml

response 16884861

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

4.619min 14.388 ng/ml m

response 131474302

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

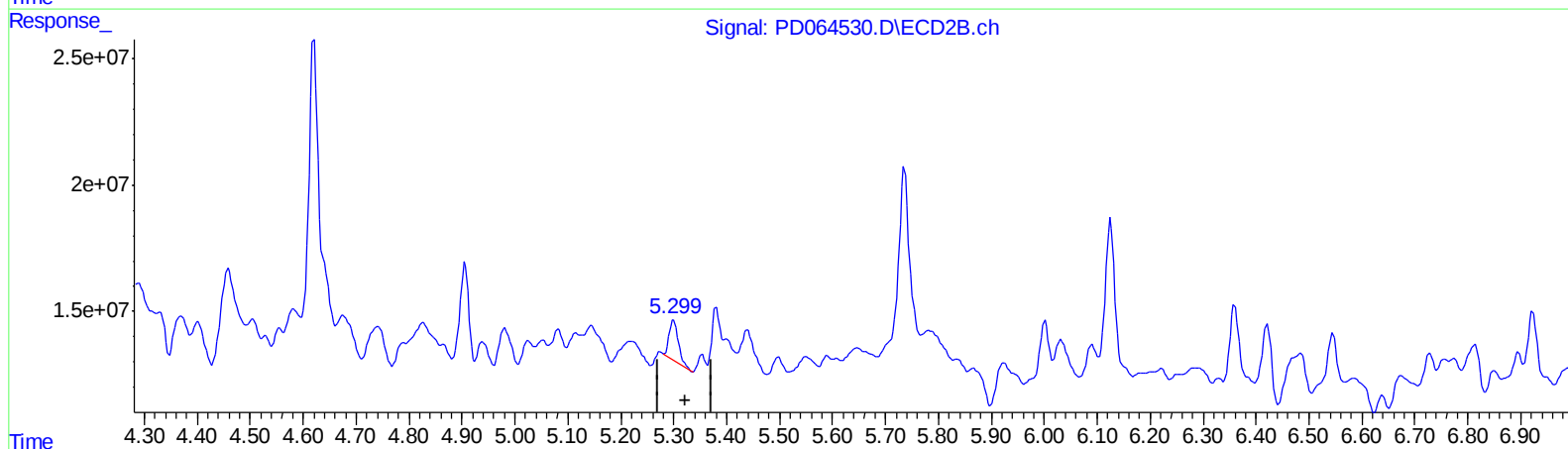
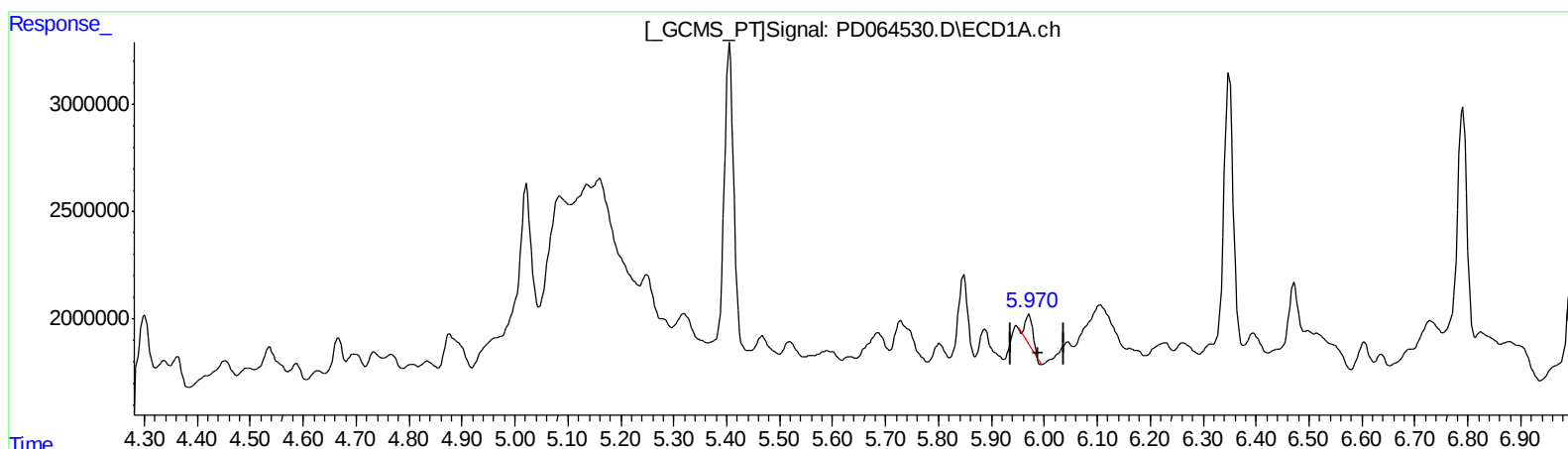
Instrument :
ECD_D
ClientSampleId :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:21 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

(2) alpha-BHC (A)
5.971min 0.834 ng/ml
response 1358212

(2) alpha-BHC #2 (A)
5.300min 1.551 ng/ml
response 19112323

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

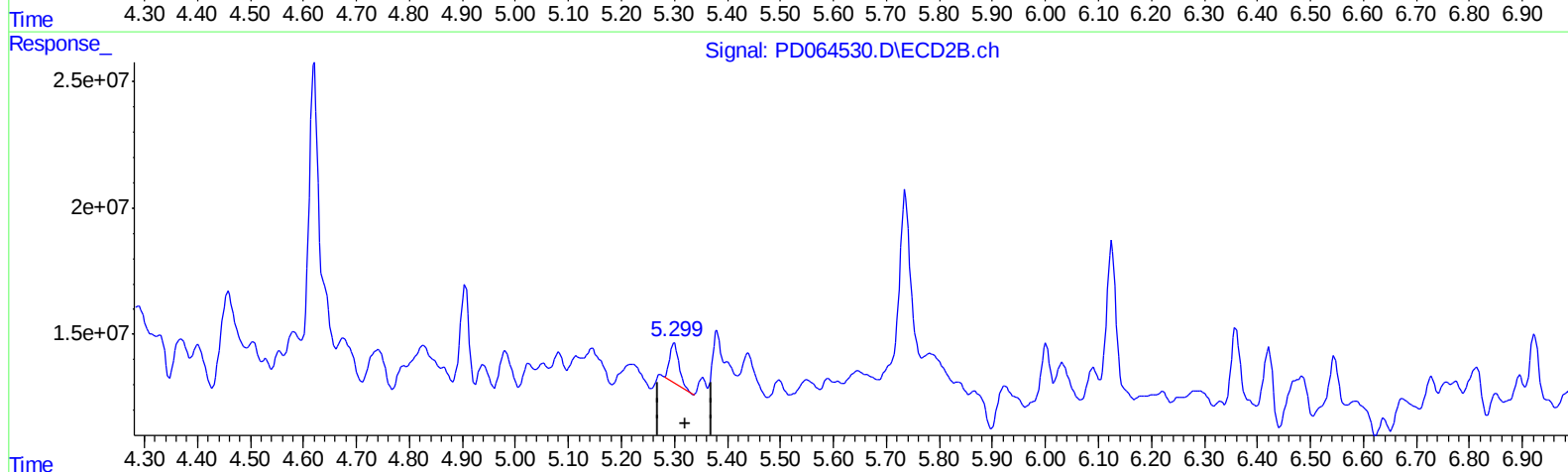
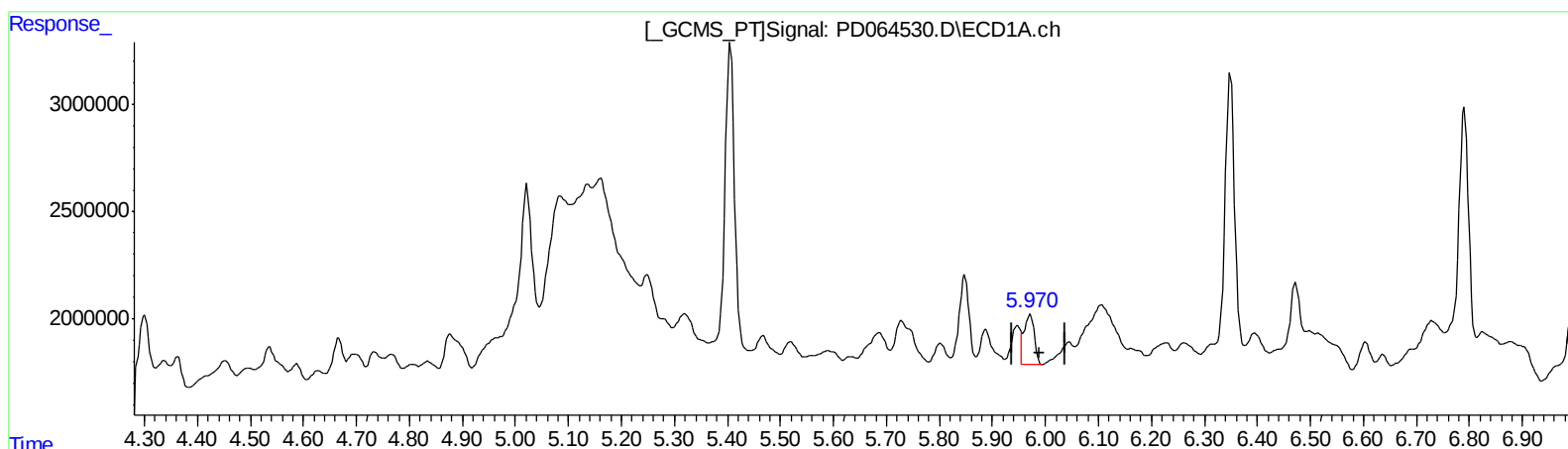
Instrument :
ECD_D
ClientSampleId :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:21 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

(2) alpha-BHC (A)
5.970min 1.936 ng/ml m
response 3154592

(2) alpha-BHC #2 (A)
5.300min 1.551 ng/ml
response 19112323

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

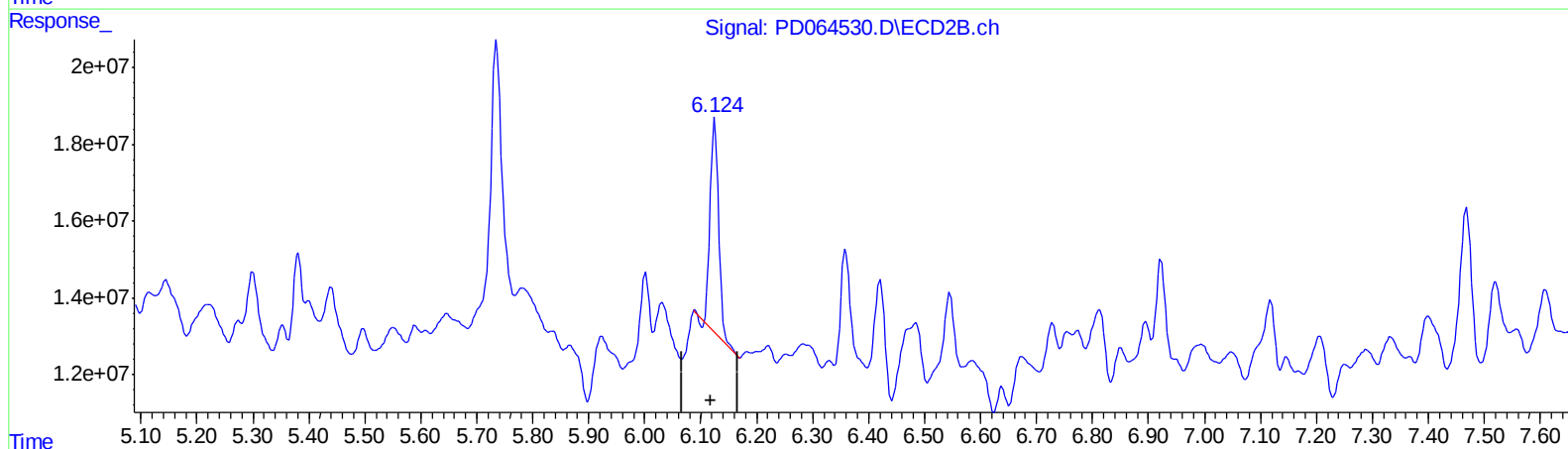
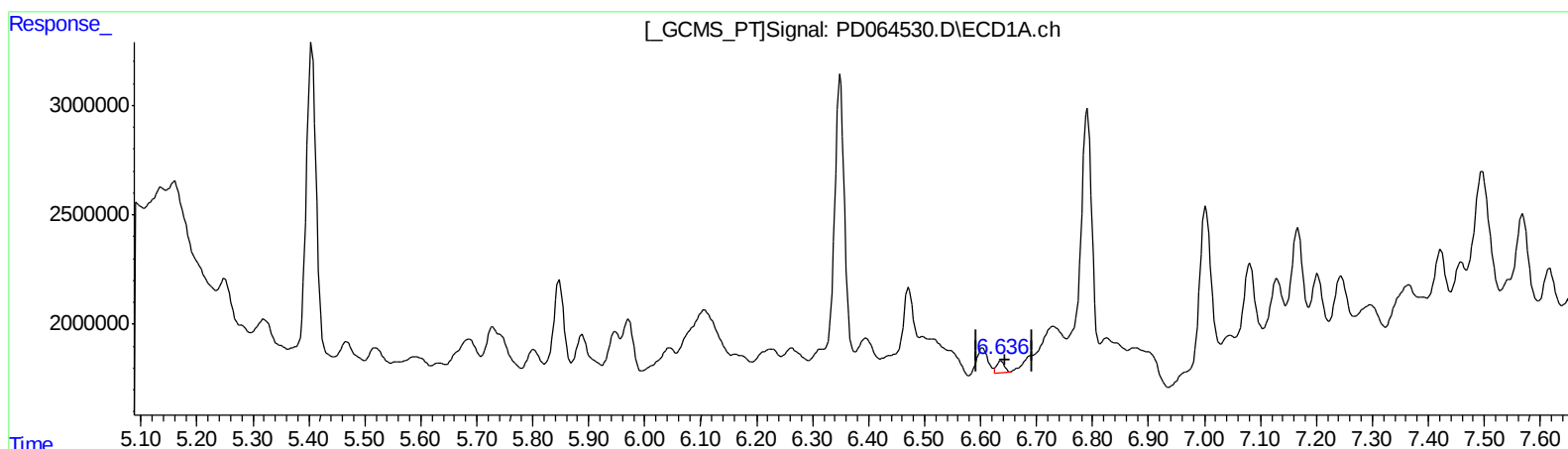
Instrument :
ECD_D
ClientSampleId :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
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Quant Time: Jul 30 06:59:21 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

(6) beta-BHC (B)

6.637min 0.746 ng/ml

response 582269

(6) beta-BHC #2 (B)

6.125min 10.105 ng/ml

response 61305236

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

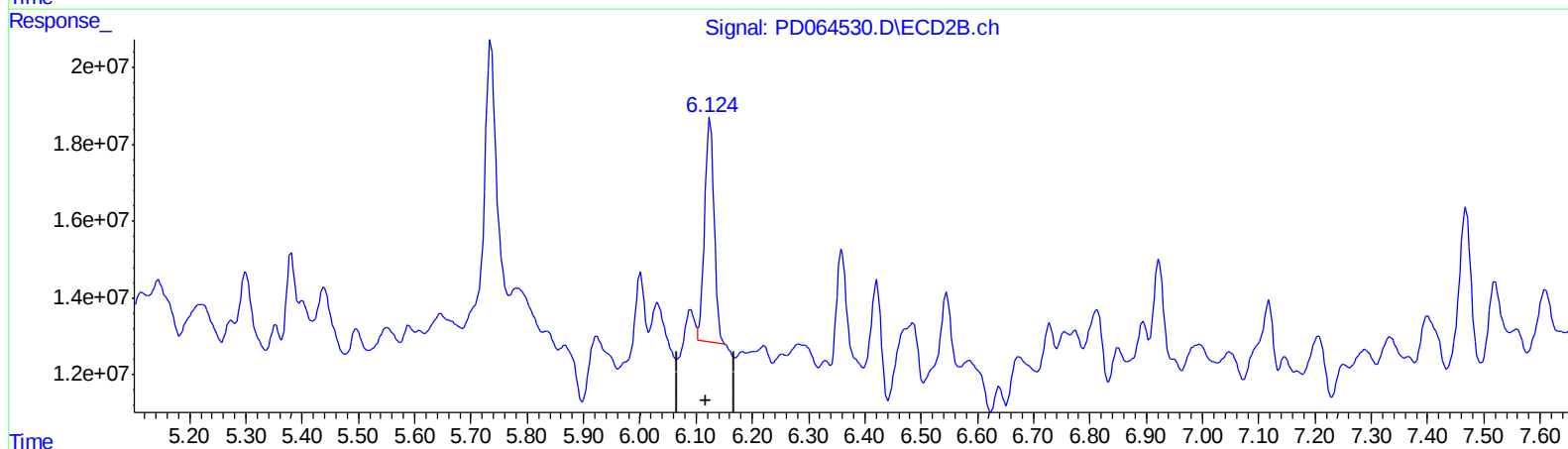
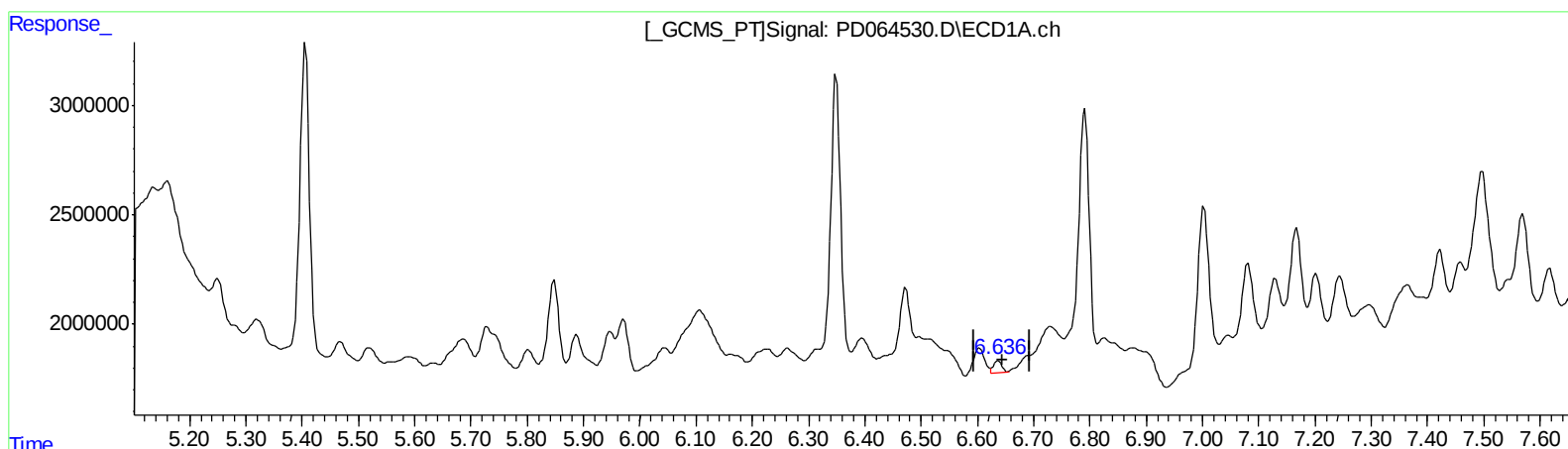
Instrument :
ECD_D
ClientSampleId :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:21 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

(6) beta-BHC (B)

6.637min 0.746 ng/ml

response 582269

(6) beta-BHC #2 (B)

6.124min 11.178 ng/ml m

response 67815746

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

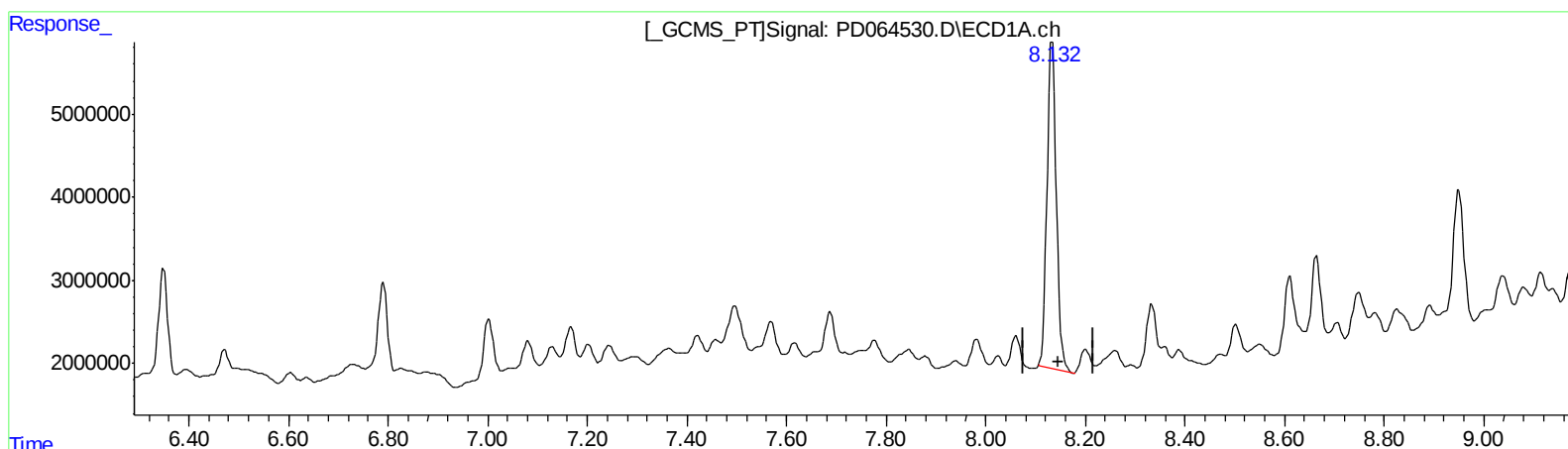
Instrument :
ECD_D
ClientSampled :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:21 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)

8.133min 31.698 ng/ml

response 50794753

(10) trans-Chlordane #2 (B)

7.334min 0.688 ng/ml

response 6236344

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

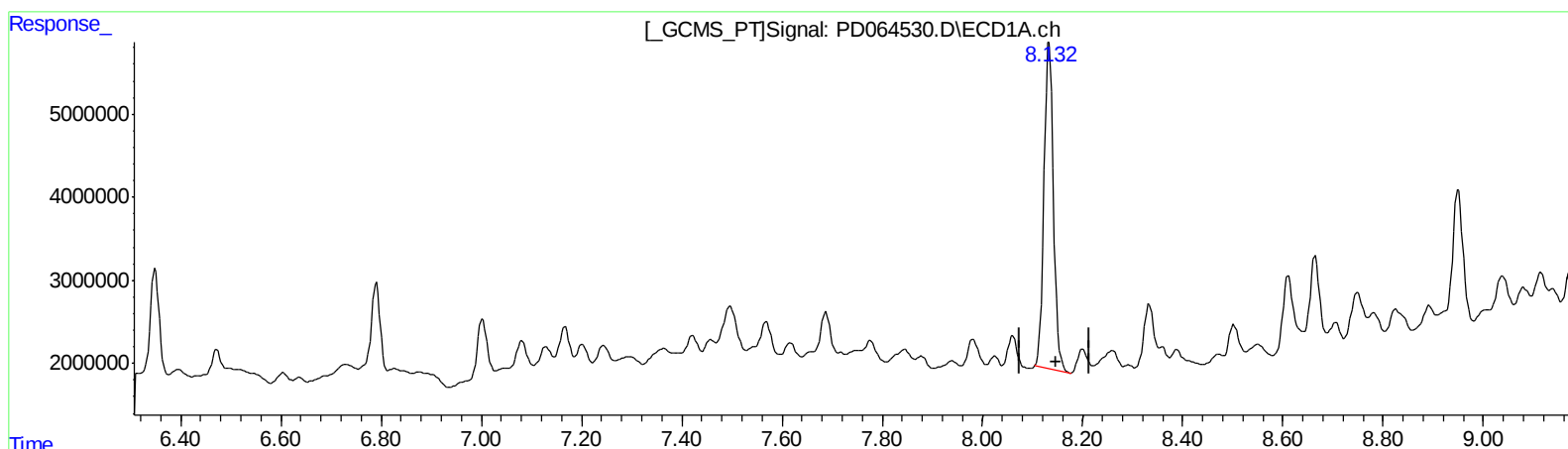
Instrument :
ECD_D
ClientSampleId :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:21 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)

8.133min 31.698 ng/ml

response 50794753

(10) trans-Chlordane #2 (B)

7.332min 1.346 ng/ml m

response 12210973

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

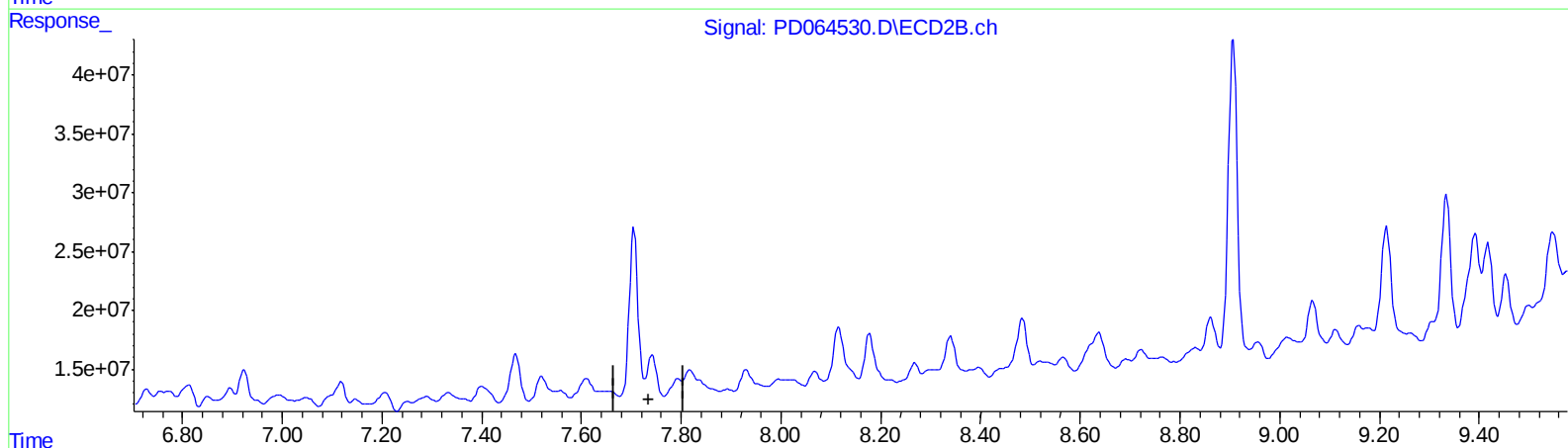
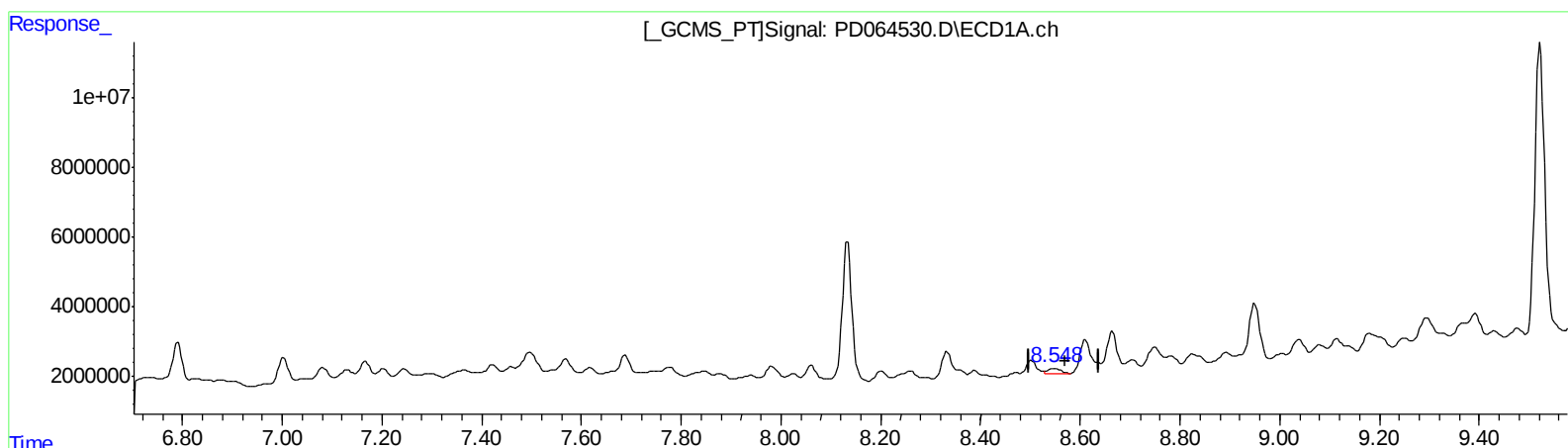
Instrument :
ECD_D
ClientSampleId :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:21 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

(13) Dieldrin (MA)
8.549min 1.693 ng/ml
response 2525050

(13) Dieldrin #2 (MA)
7.742min -9.649 ng/ml
response -77494895

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

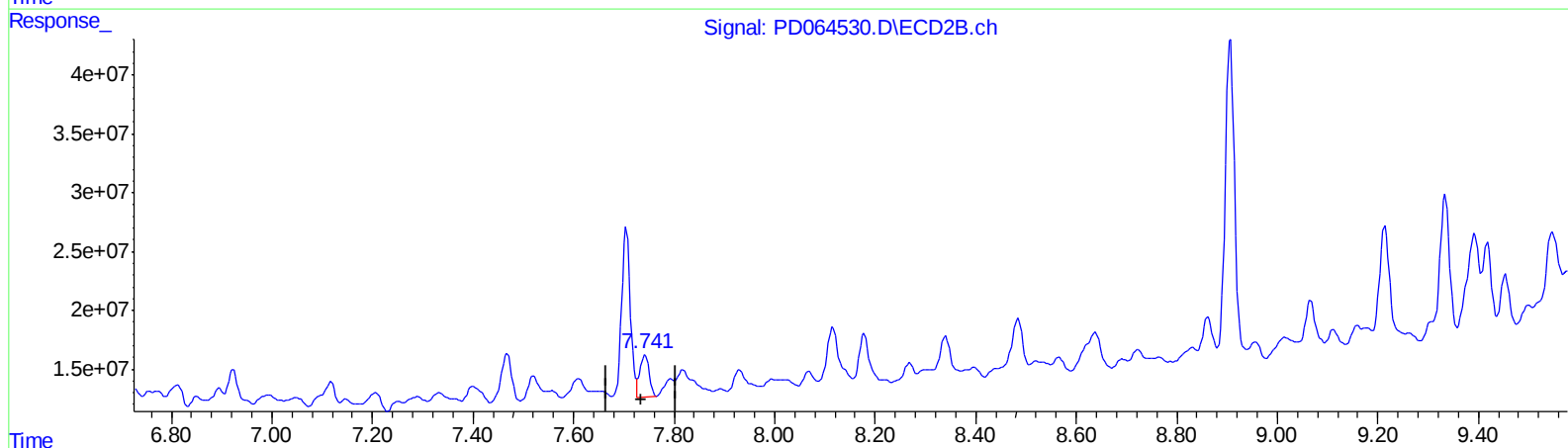
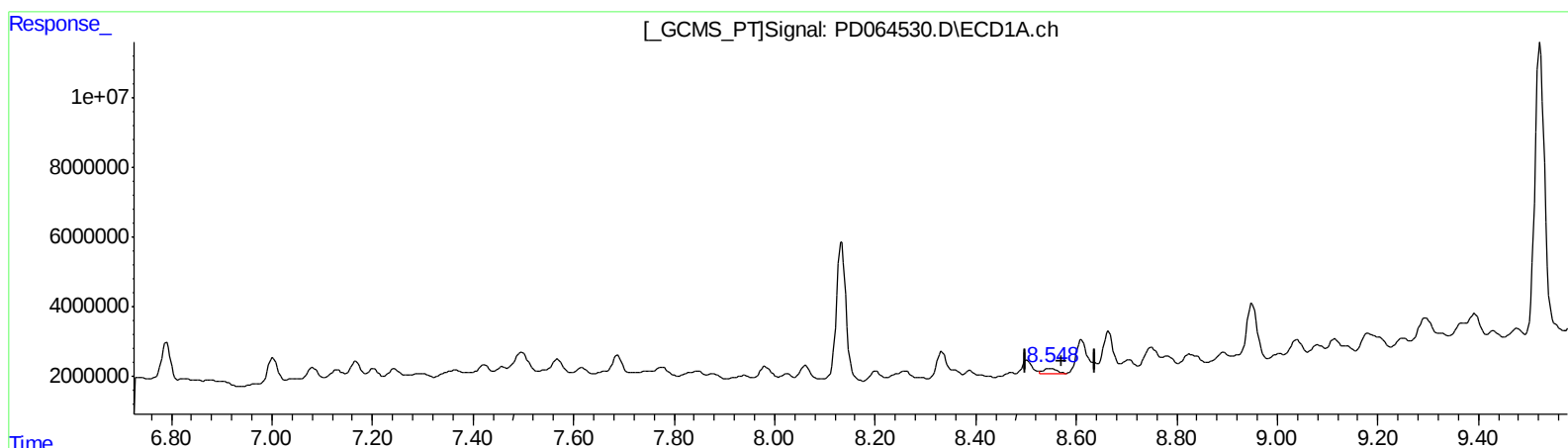
Instrument :
ECD_D
ClientSampleId :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:21 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)
8.549min 1.693 ng/ml
response 2525050

(13) Dieldrin #2 (MA)
7.741min 5.688 ng/ml m
response 45686216

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

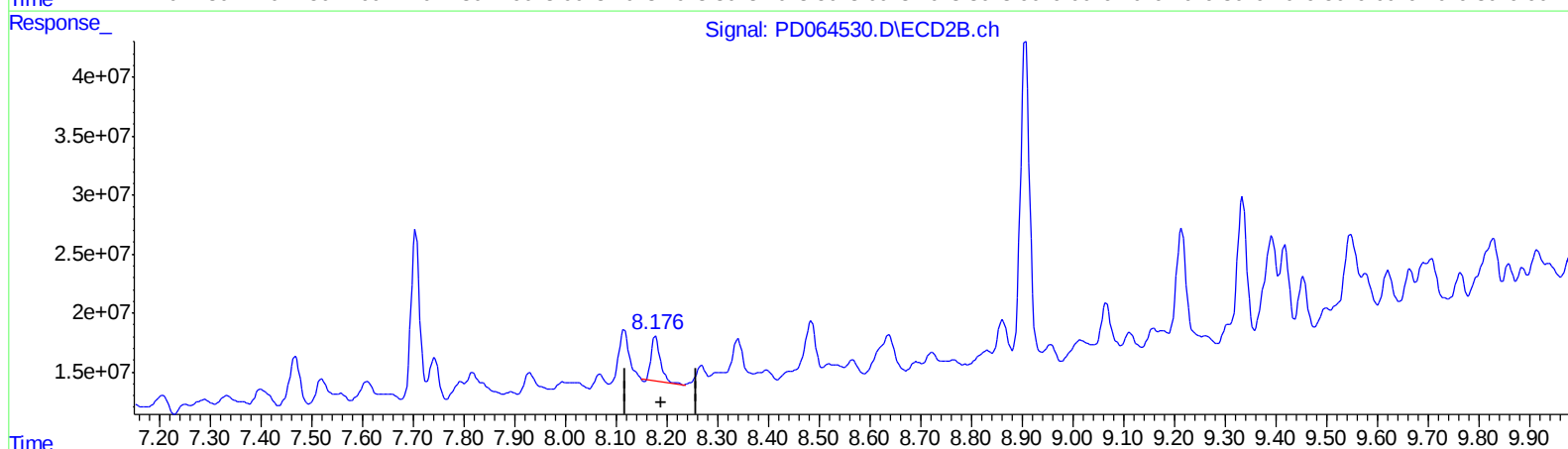
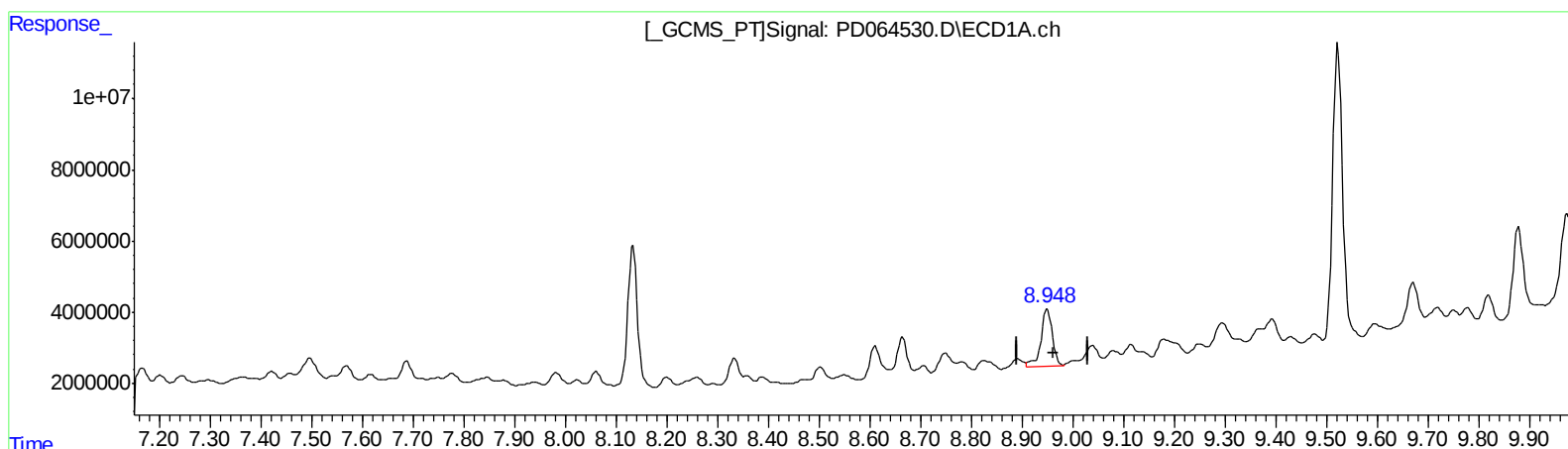
Instrument :
ECD_D
ClientSampleId :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:21 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)
8.950min 20.497 ng/ml
response 25161361

(16) 4,4'-DDD #2 (A)
8.178min 7.983 ng/ml
response 45976311

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 04:14
Operator : AR\AJ
Sample : M3082-08
Misc :
ALS Vial : 50 Sample Multiplier: 1

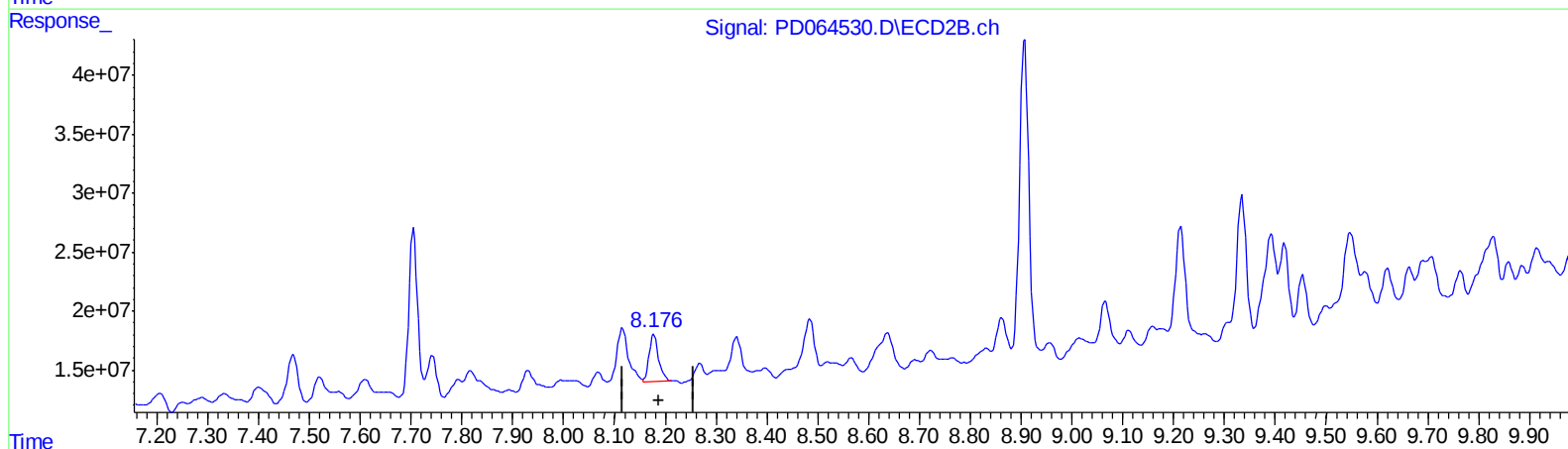
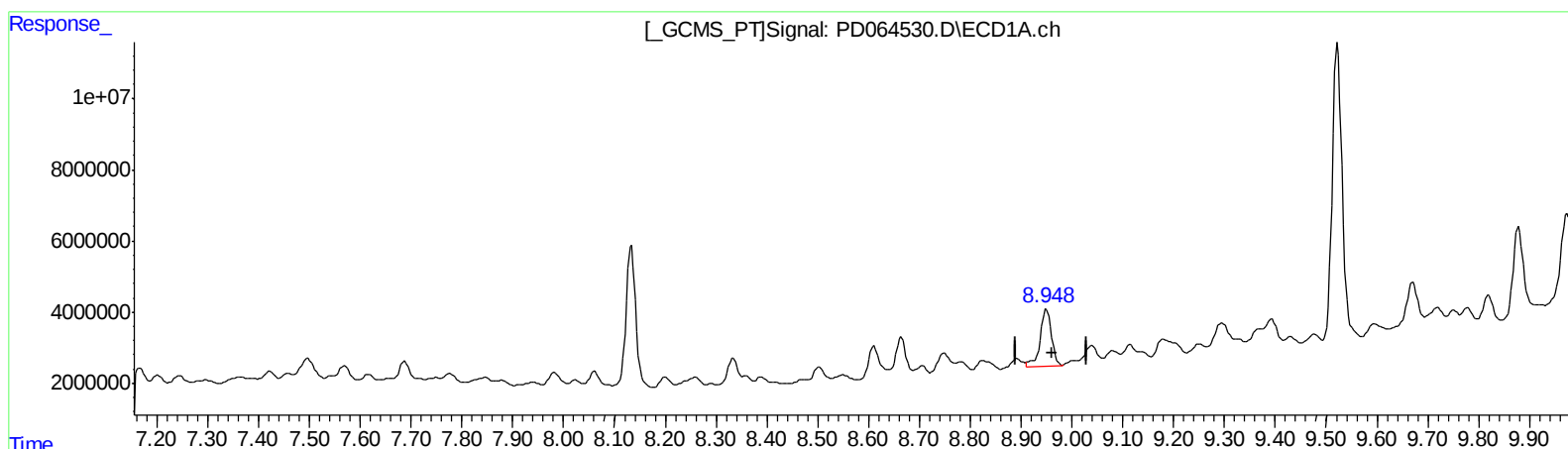
Instrument :
ECD_D
ClientSampleId :
C0006

Manual Integrations
APPROVED

mohammad
7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:59:21 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)
8.950min 20.497 ng/ml
response 25161361

(16) 4,4'-DDD #2 (A)
8.176min 8.945 ng/ml m
response 51521573

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
 Data File : PD064530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 04:14
 Operator : AR\AJ
 Sample : M3082-08
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0006

Manual Integrations
 APPROVED

mohammad
 7/30/2021 4:49:27 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 06:59:21 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...	5.406	4.619	16884861	131.5E6	14.155	14.388m
27) SA Decachlor...	11.304	10.365	31500812	150.6E6	23.930m	25.323
Target Compounds						
2) A alpha-BHC	5.970	5.300	3154592	19112323	1.936m	1.551
3) MA gamma-BHC...	6.395	5.736	1387714	89551662	0.885	7.853 #
6) B beta-BHC	6.637	6.124	582269	67815746	0.746	11.178m#
8) B Heptachlo...	7.879	7.049	1975664	8205686	1.151	0.886
10) B trans-Chl...	8.133	7.332	50794753	12210973	31.698	1.346m#
13) MA Dieldrin	8.549	7.741	2525050	45686216	1.693	5.688m#
15) B Endosulfa...	9.039	8.341	4963025	35802517	3.822	6.202 #
16) A 4,4'-DDD	8.950	8.176	25161361	51521573	20.497	8.945m#

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

AJ
 08/03/21