

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
Data File : PD060167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

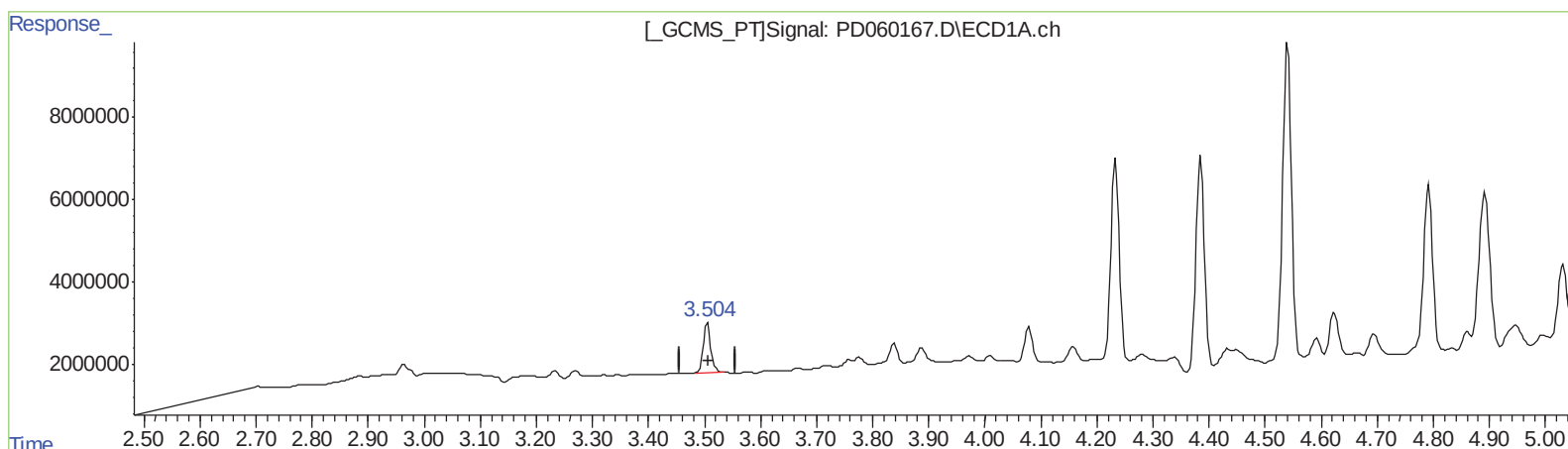
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 08:02:25 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110320CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 04 04:05:33 2020
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)

3.505min 13.624 ng/ml

response 11675493

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

4.023min 13.952 ng/ml

response 41590628

QEdit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
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Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

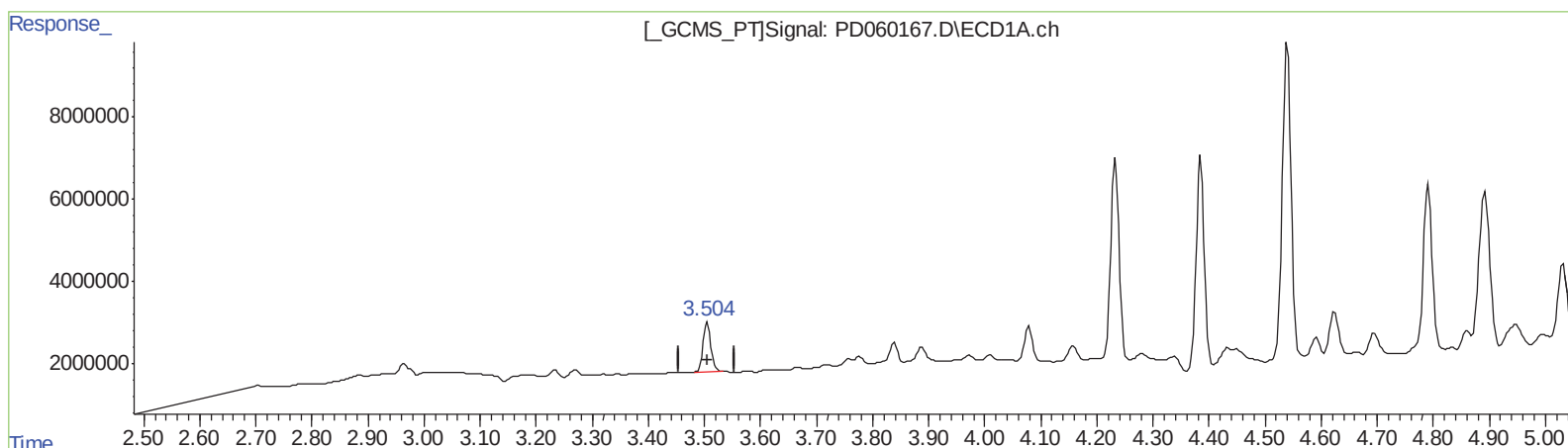
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

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11/23/2020 12:03:56 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



(1) Tetrachloro-m-xylene (SA)

3.505min 13.624 ng/ml

response 11675493

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

4.022min 11.985 ng/ml m

response 35725174

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
Data File : PD060167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

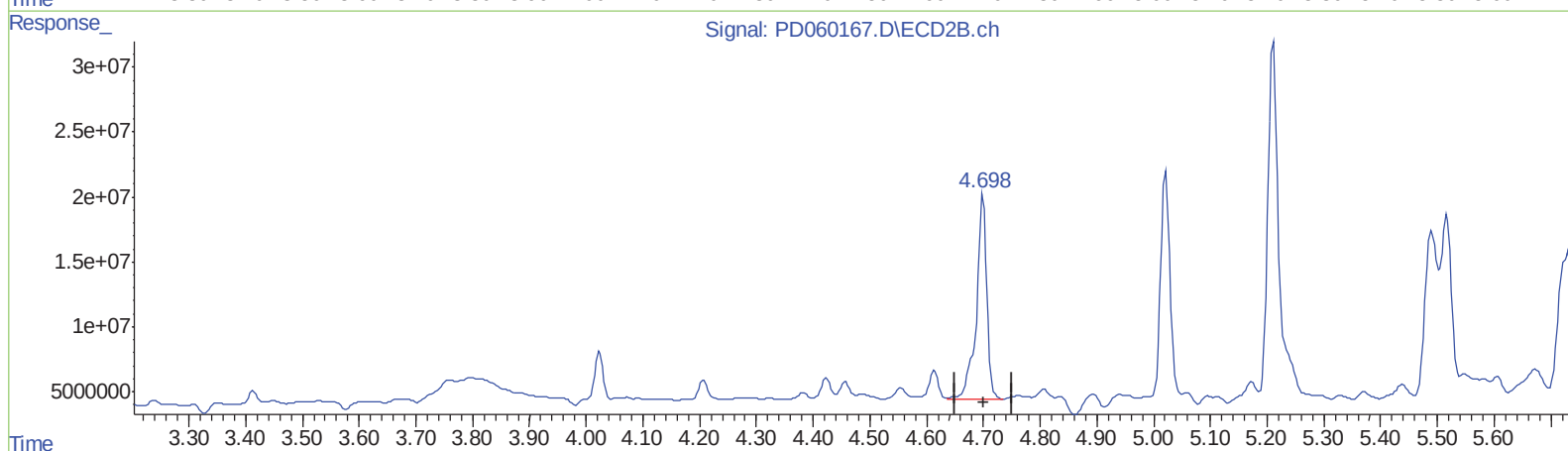
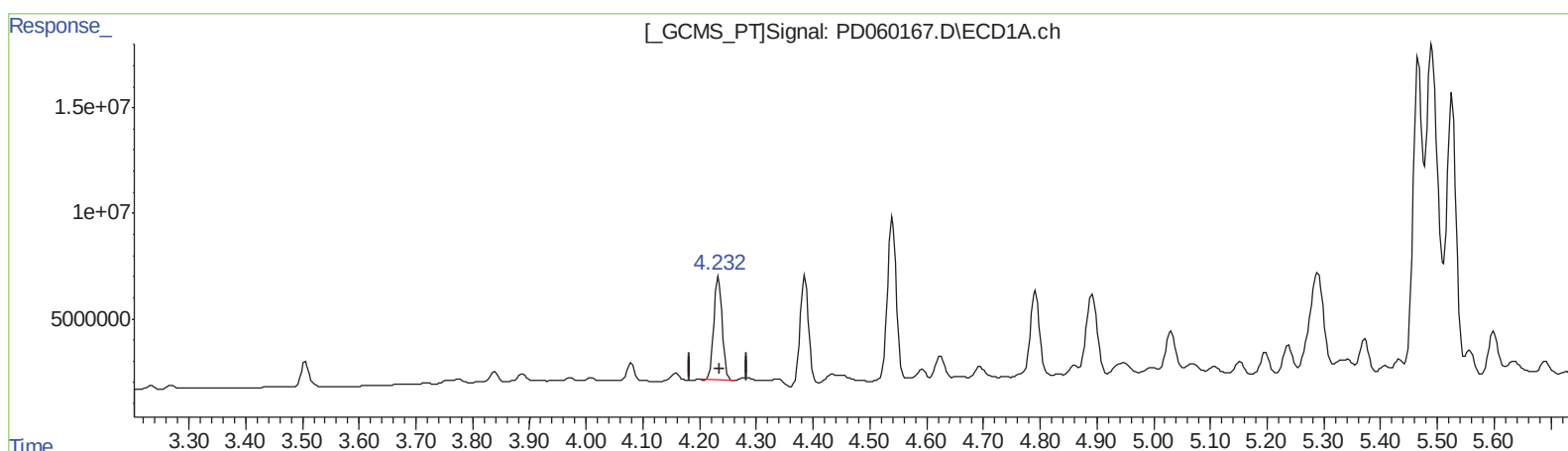
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 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\PD110320CLP.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

(3) gamma-BHC (Lindane) (MA)

4.233min 40.733 ng/ml

response 49790367

(3) gamma-BHC (Lindane) #2 (MA)

4.700min 49.334 ng/ml

response 199662049

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
Data File : PD060167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

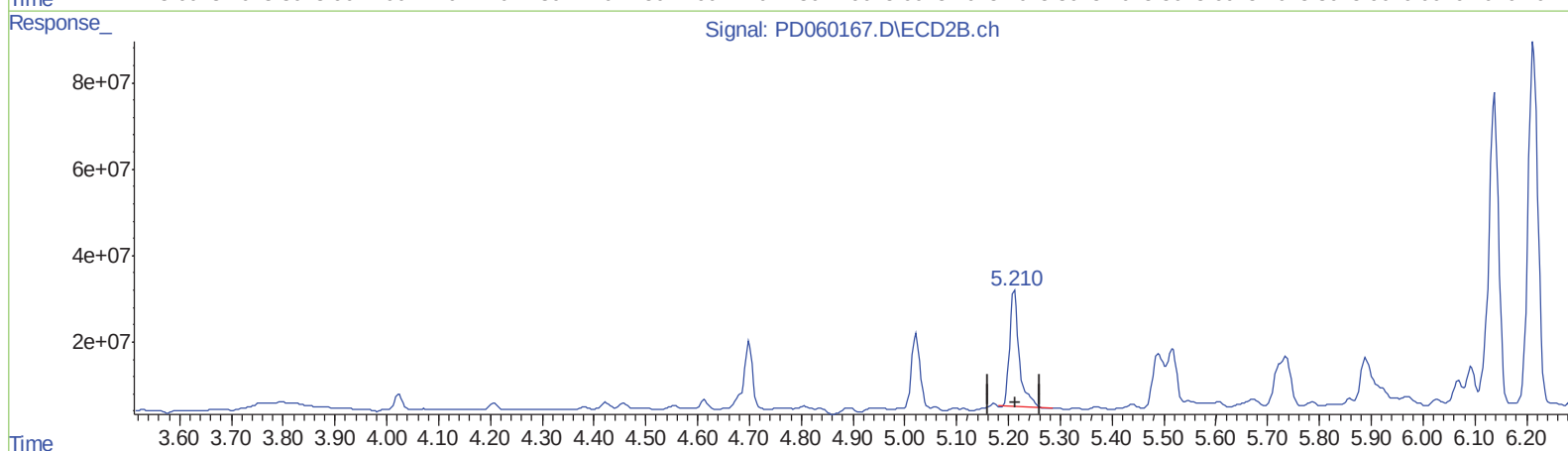
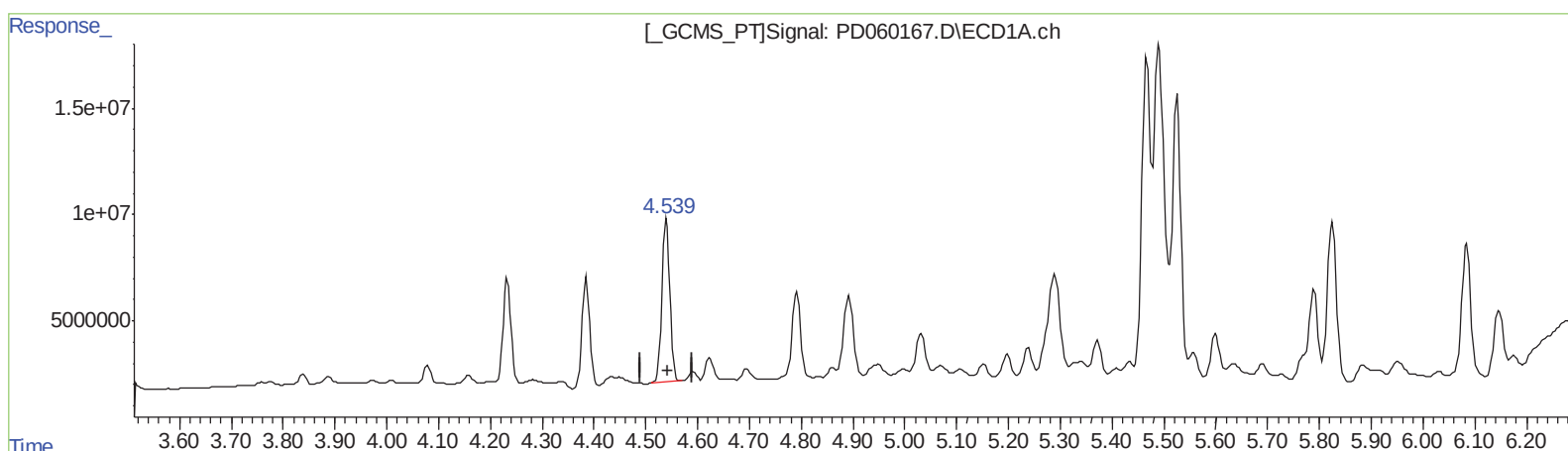
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 08:02:25 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110320CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 04 04:05:33 2020
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

(4) Heptachlor (MA)

4.540min 69.745 ng/ml

response 81859997

(4) Heptachlor #2 (MA)

5.211min 89.353 ng/ml

response 354257678

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

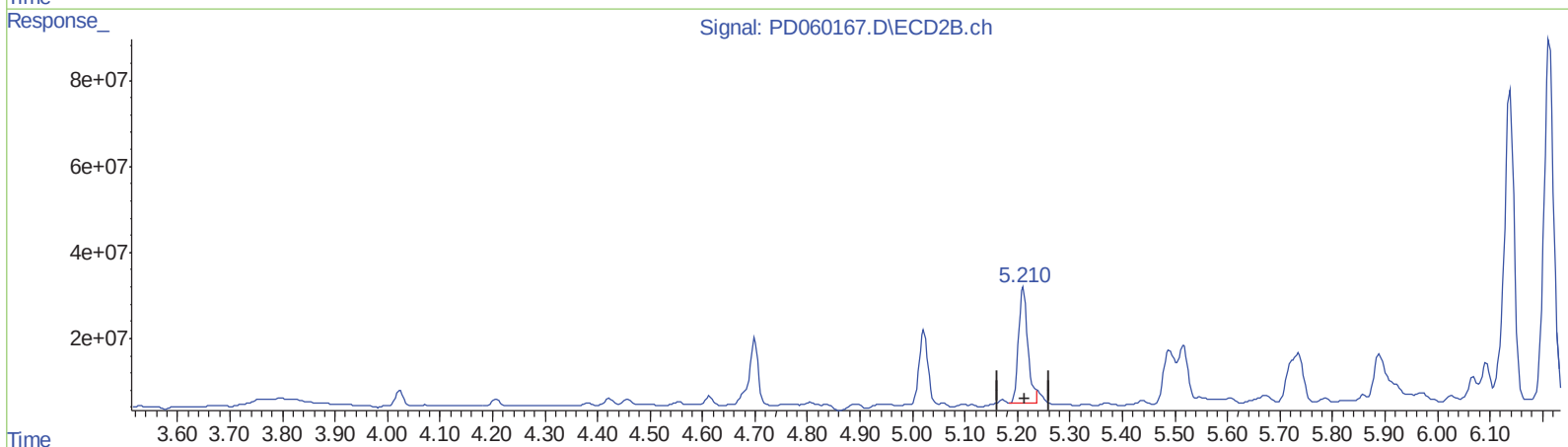
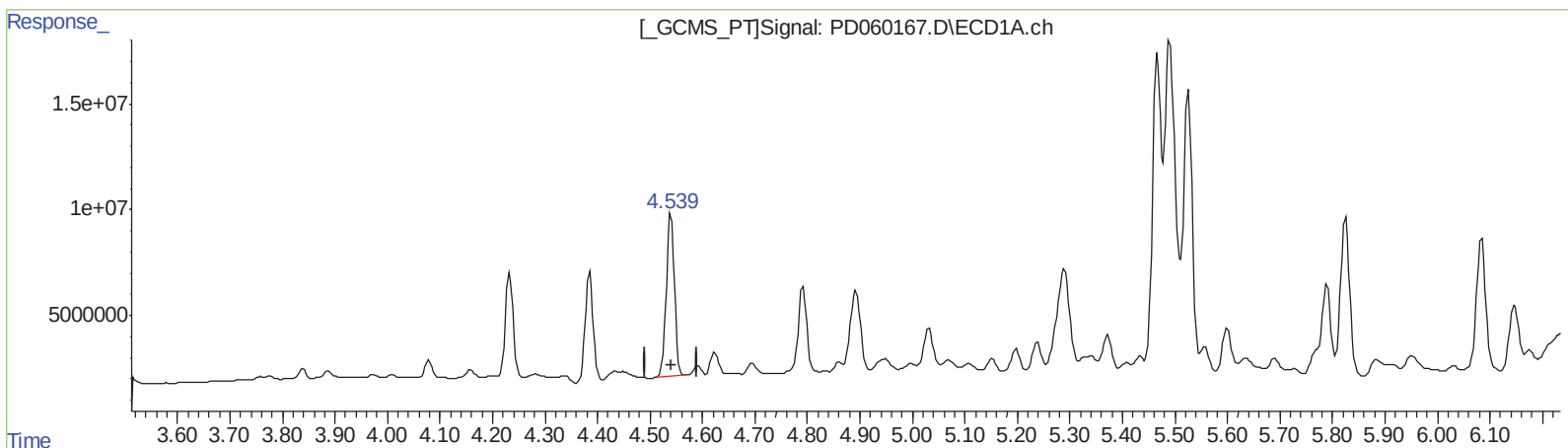
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 PM

Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110320CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 04 04:05:33 2020
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

(4) Heptachlor (MA)

4.540min 69.745 ng/ml

response 81859997

(4) Heptachlor #2 (MA)

5.210min 84.221 ng/ml m

response 333910530

(+) = Expected Retention Time

PD110320CLP.M Sat Nov 21 08:06:45 2020

Page: 1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
Data File : PD060167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

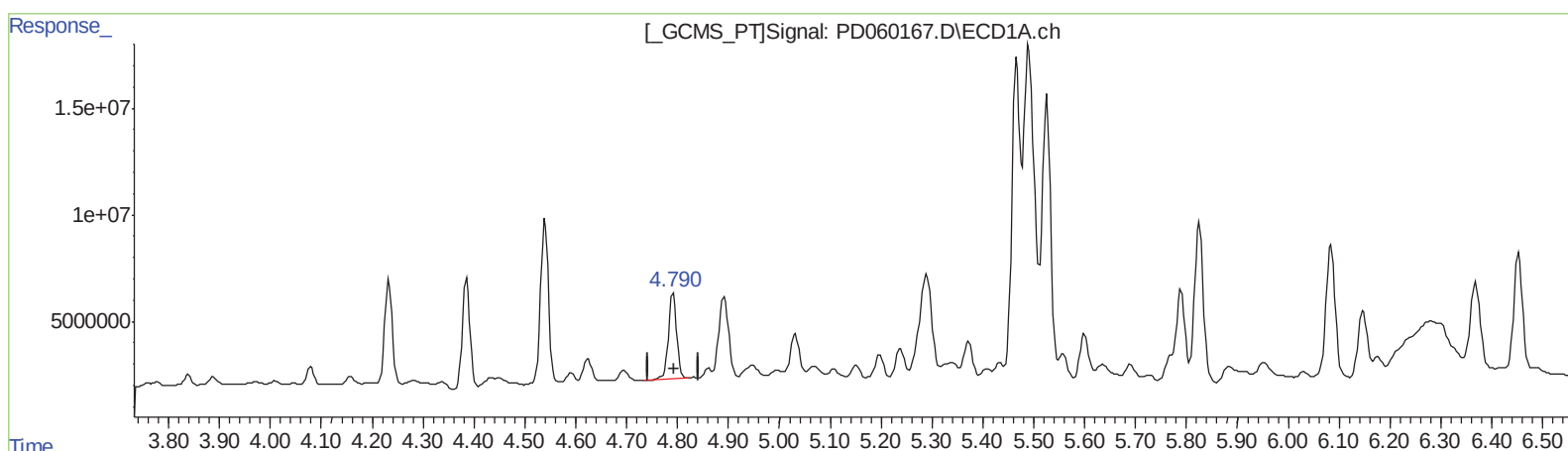
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 PM

Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110320CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 04 04:05:33 2020
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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



(5) Aldrin (MB)

4.792min 39.487 ng/ml

response 45333782

(5) Aldrin #2 (MB)

5.516min 18.619 ng/ml

response 69080778

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
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Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

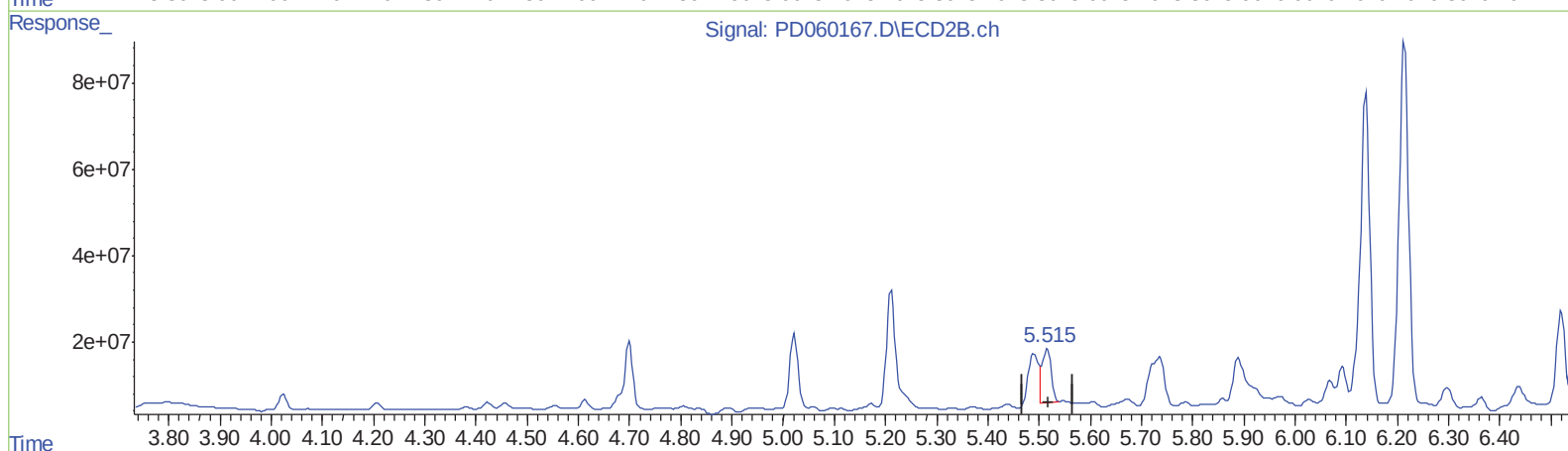
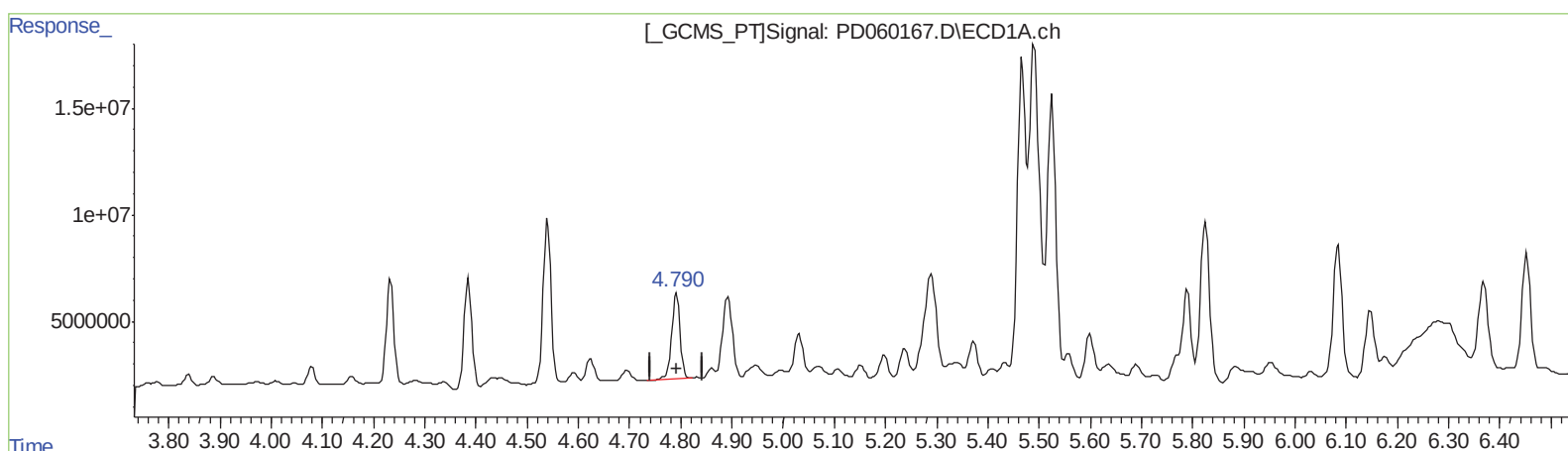
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 PM

Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
QLast Update : Wed Nov 04 04:05:33 2020
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

(5) Aldrin (MB)

4.792min 39.487 ng/ml

response 45333782

(5) Aldrin #2 (MB)

5.515min 41.768 ng/ml m

response 154965639

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
Data File : PD060167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

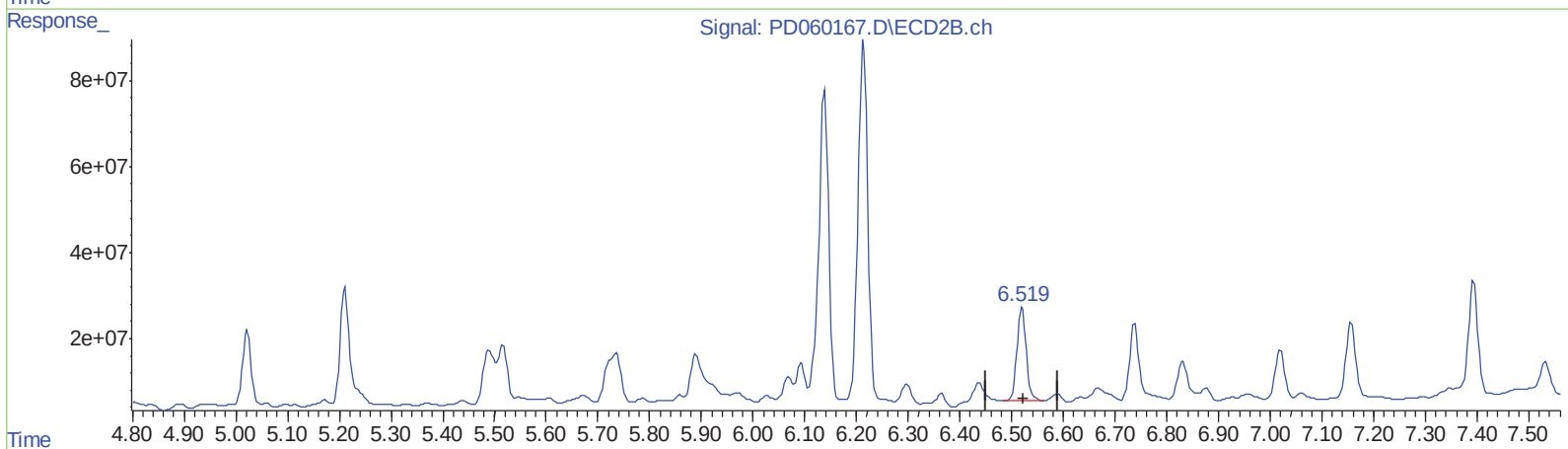
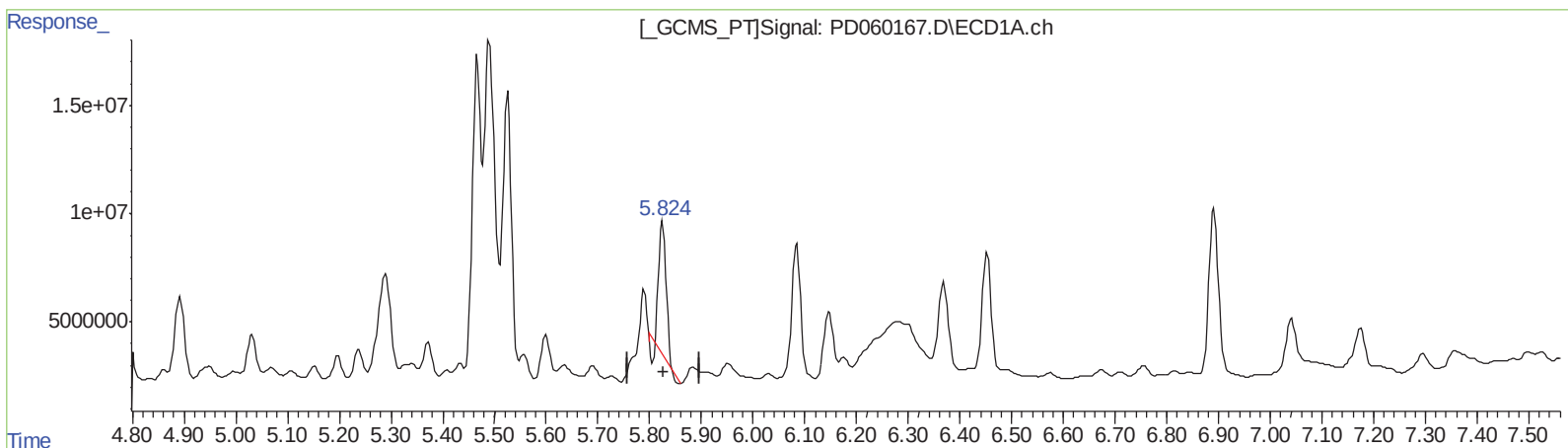
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

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11/23/2020 12:03:56 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)
5.825min 51.285 ng/ml
response 55878144

(13) Dieldrin #2 (MA)
6.520min 77.411 ng/ml
response 270307238

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
Data File : PD060167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

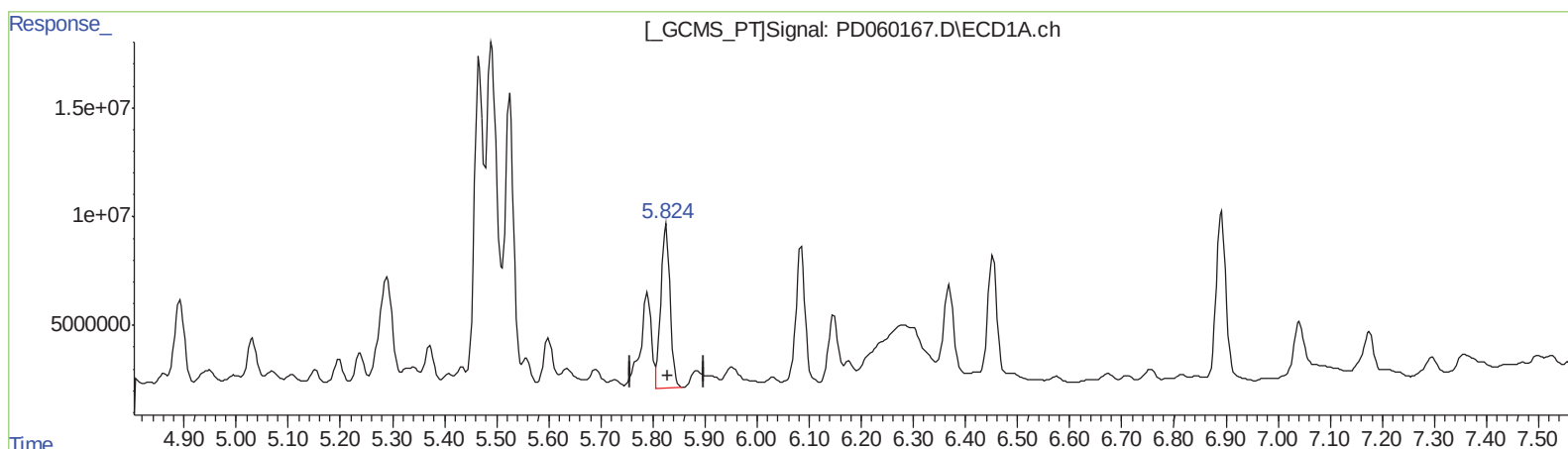
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 PM

Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
QLast Update : Wed Nov 04 04:05:33 2020
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



(13) Dieldrin (MA)
5.824min 79.914 ng/ml m
response 87071338

(13) Dieldrin #2 (MA)
6.520min 77.411 ng/ml
response 270307238

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
Data File : PD060167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

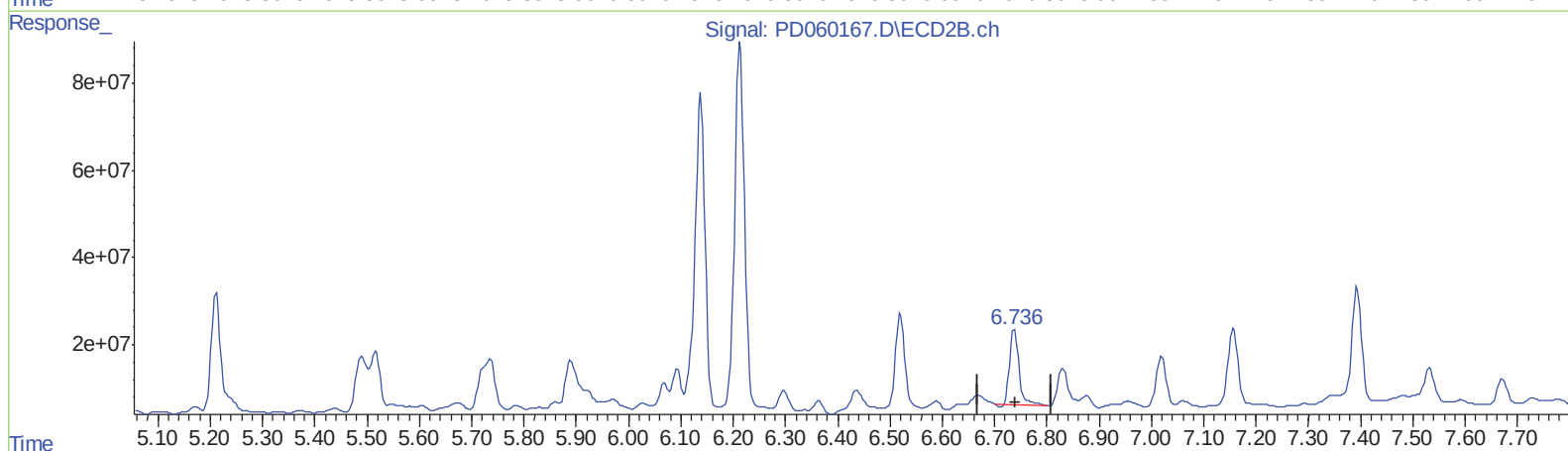
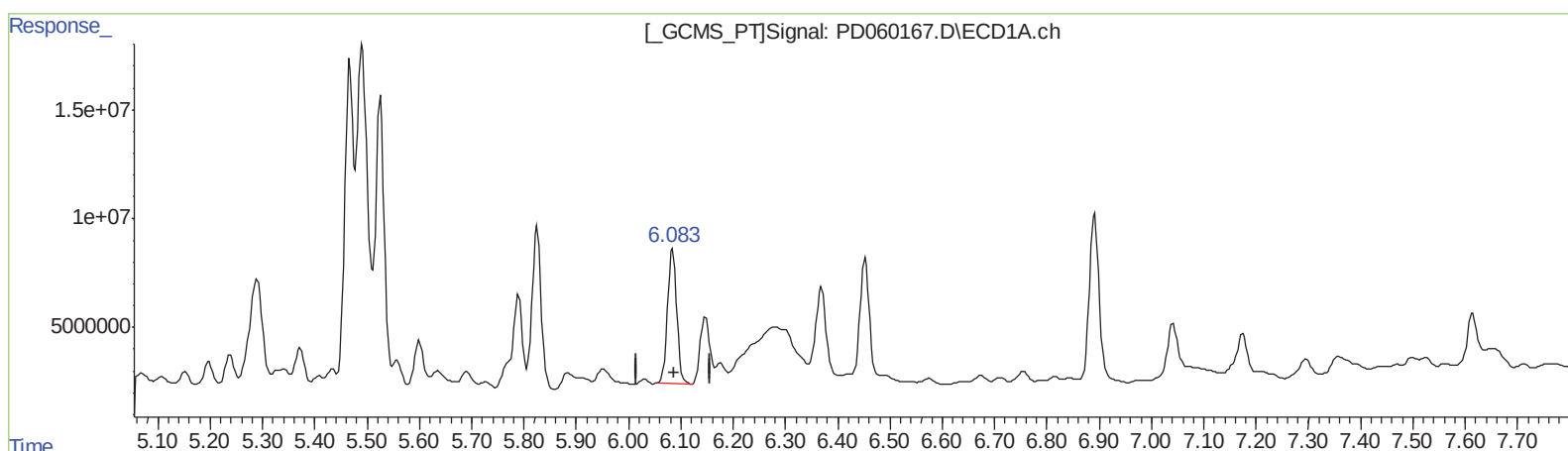
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 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

(14) Endrin (MA)

6.084min 83.781 ng/ml

response 75582398

(14) Endrin #2 (MA)

6.738min 75.715 ng/ml

response 212006942

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
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Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

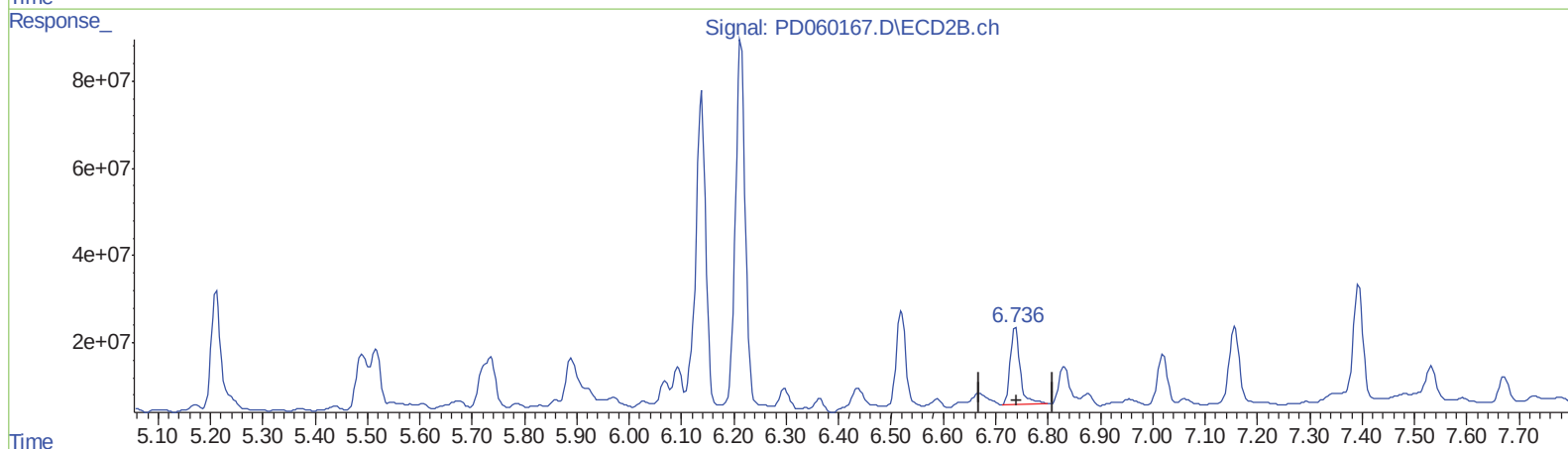
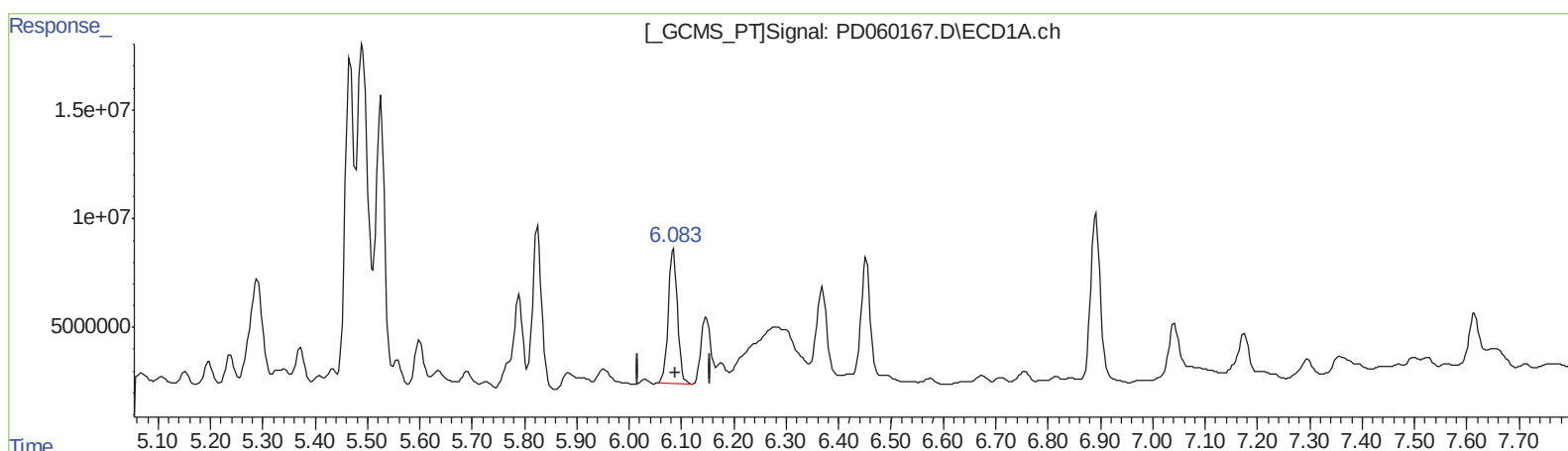
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 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

(14) Endrin (MA)

6.084min 83.781 ng/ml

response 75582398

(14) Endrin #2 (MA)

6.736min 83.187 ng/ml m

response 232931106

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
Data File : PD060167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

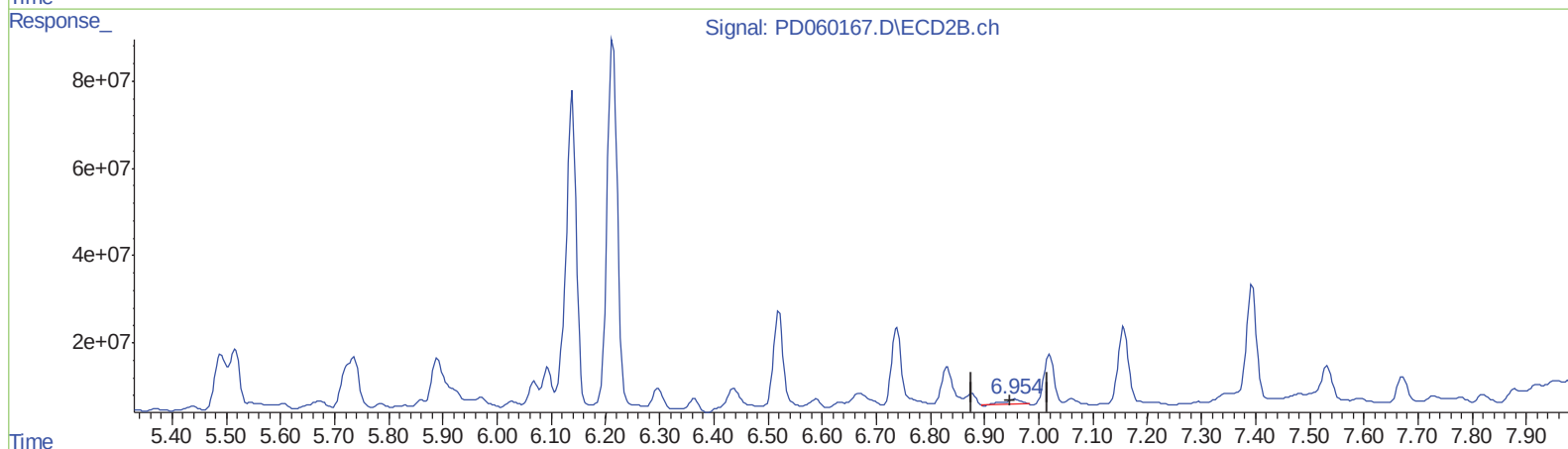
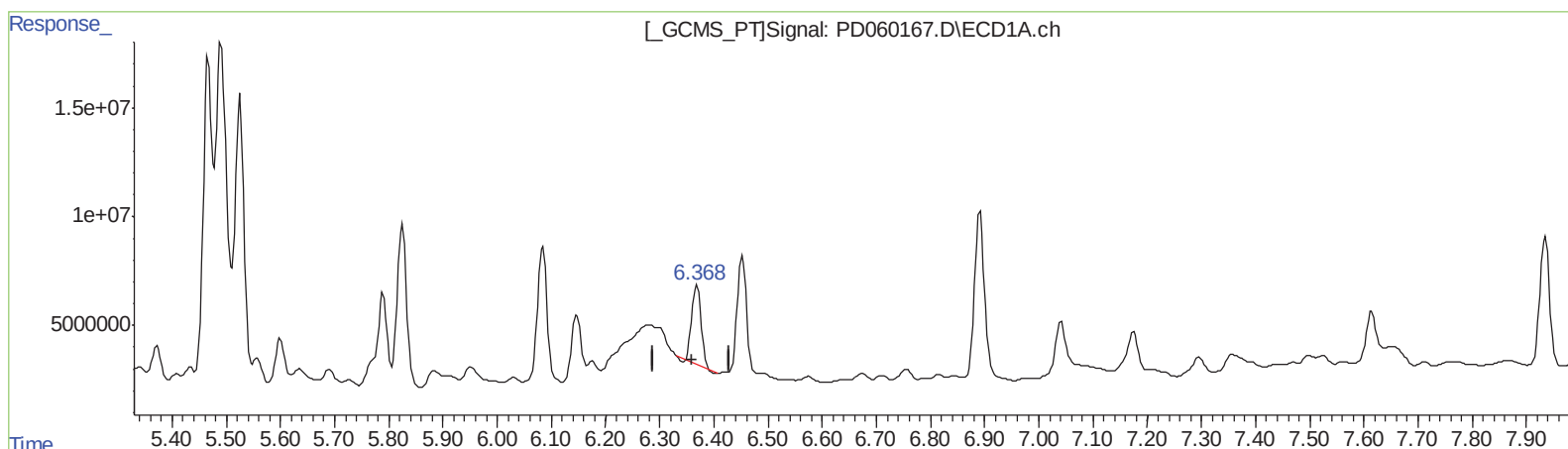
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
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Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110320CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 04 04:05:33 2020
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)

6.369min 48.268 ng/ml

response 43526560

(15) Endosulfan II #2 (B)

6.956min 9.189 ng/ml

response 25975312

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
Data File : PD060167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

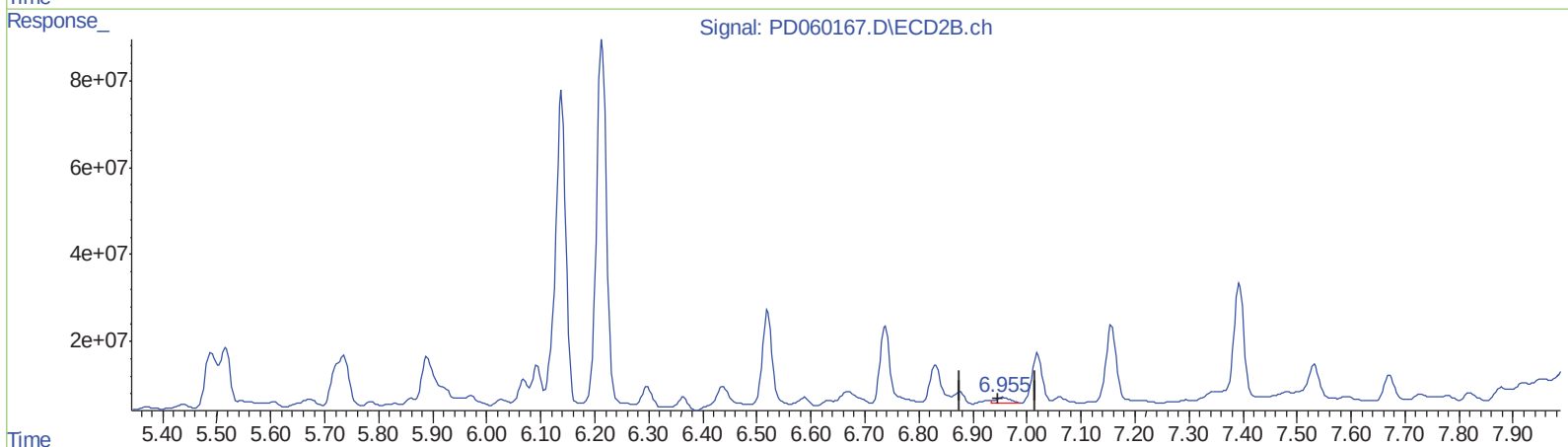
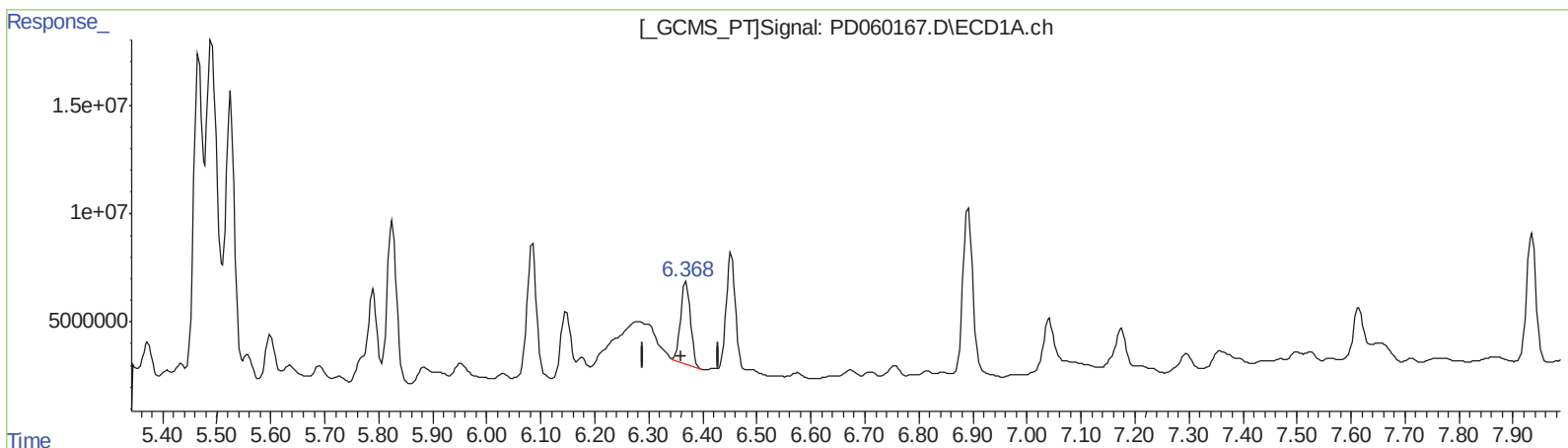
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Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 PM

Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
QLast Update : Wed Nov 04 04:05:33 2020
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)
6.368min 53.443 ng/ml m
response 48193592

(15) Endosulfan II #2 (B)
6.955min 7.825 ng/ml m
response 22118252

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
Data File : PD060167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

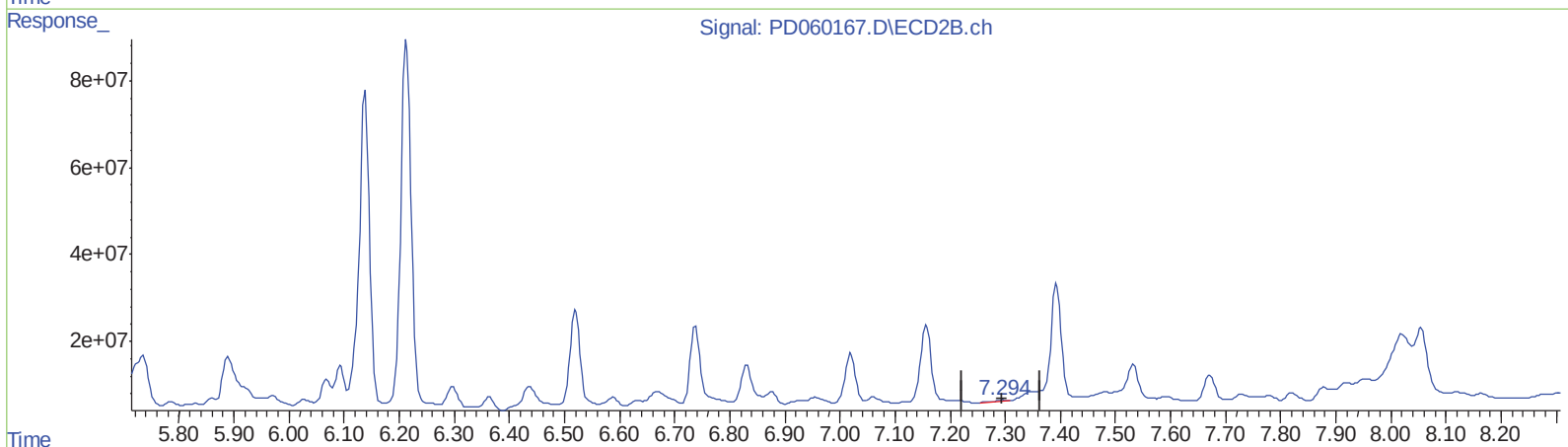
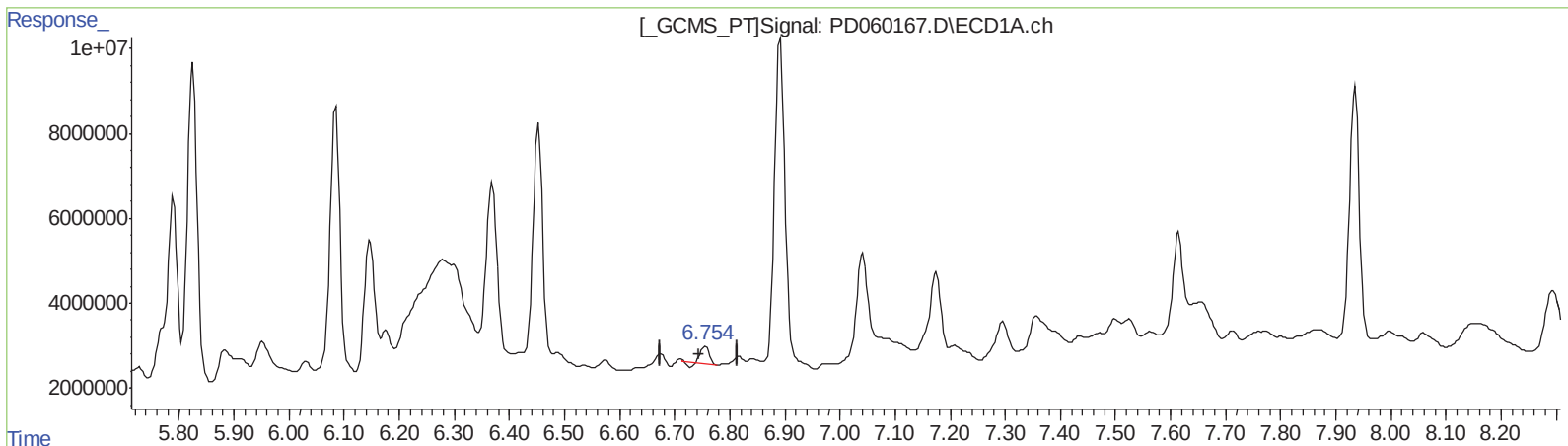
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 PM

Integration File signal 1: autoint1.e
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Quant Time: Nov 21 08:02:25 2020
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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)

6.756min 4.711 ng/ml

response 4116592

(19) Endosulfan Sulfate #2 (B)

7.295min 1.750 ng/ml

response 5045861

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
Data File : PD060167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

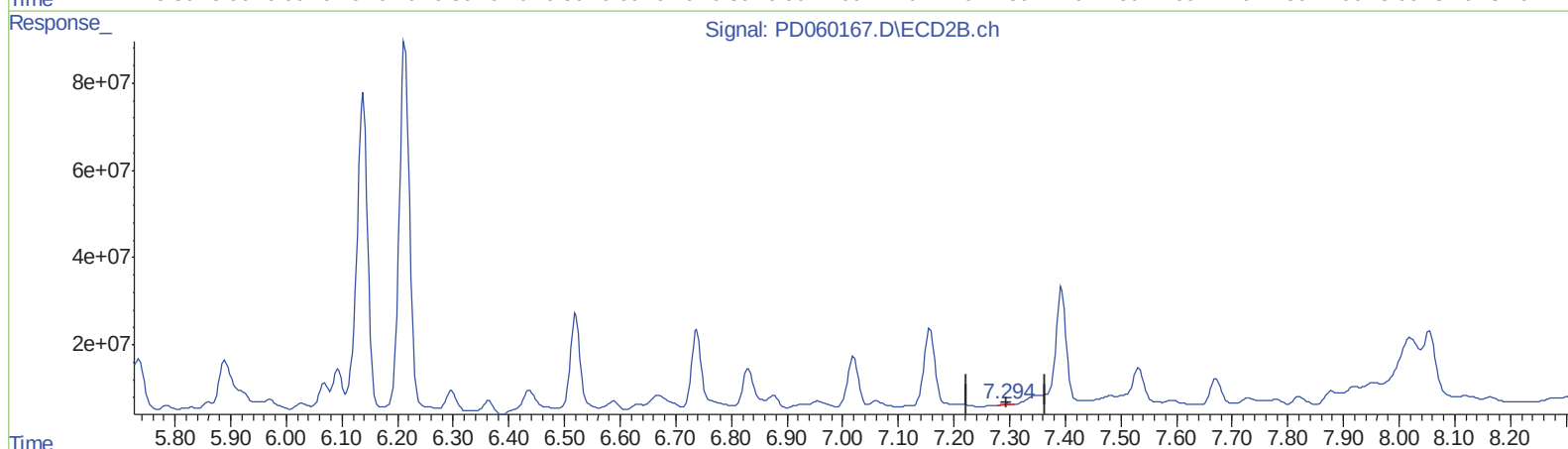
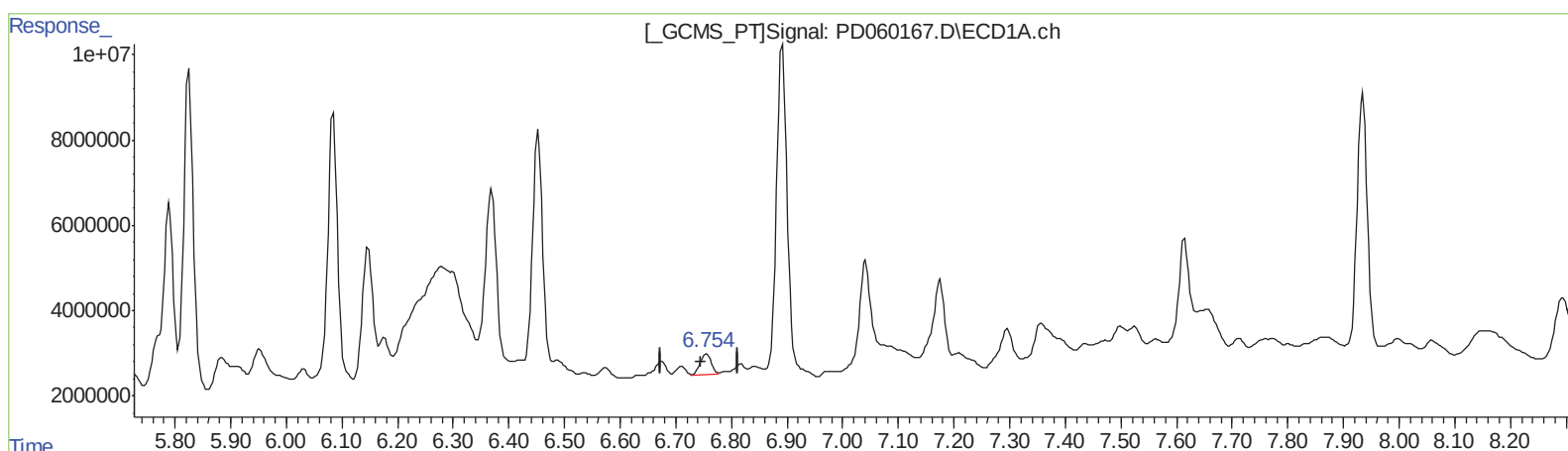
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 08:02:25 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110320CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 04 04:05:33 2020
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)

6.754min 7.248 ng/ml m

response 6334100

(19) Endosulfan Sulfate #2 (B)

7.294min 1.394 ng/ml m

response 4019644

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
Data File : PD060167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

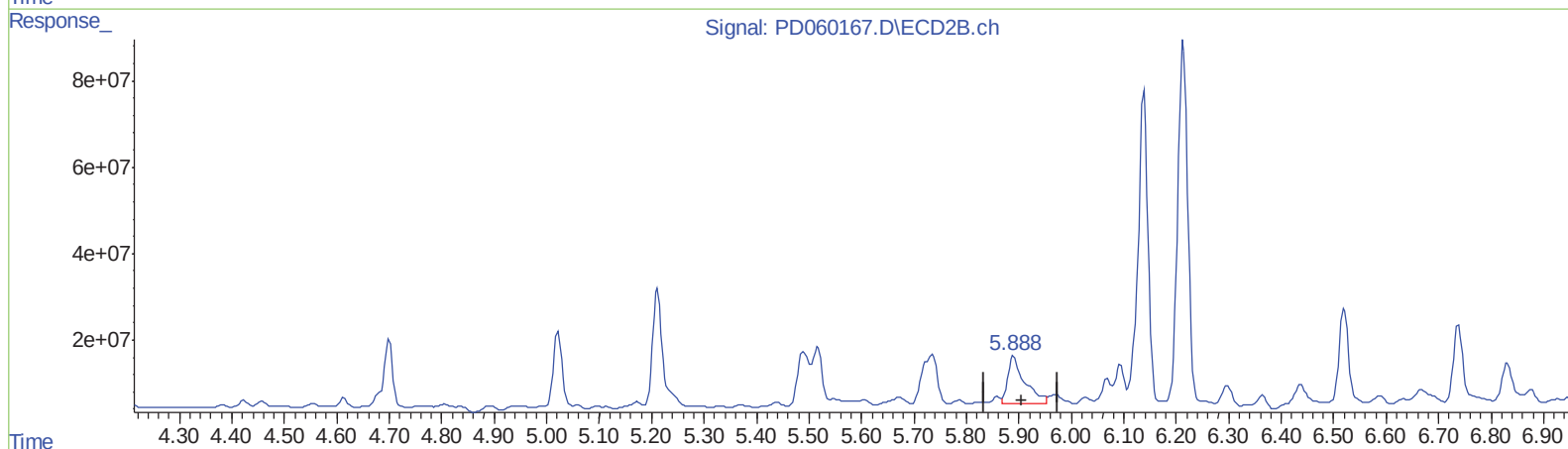
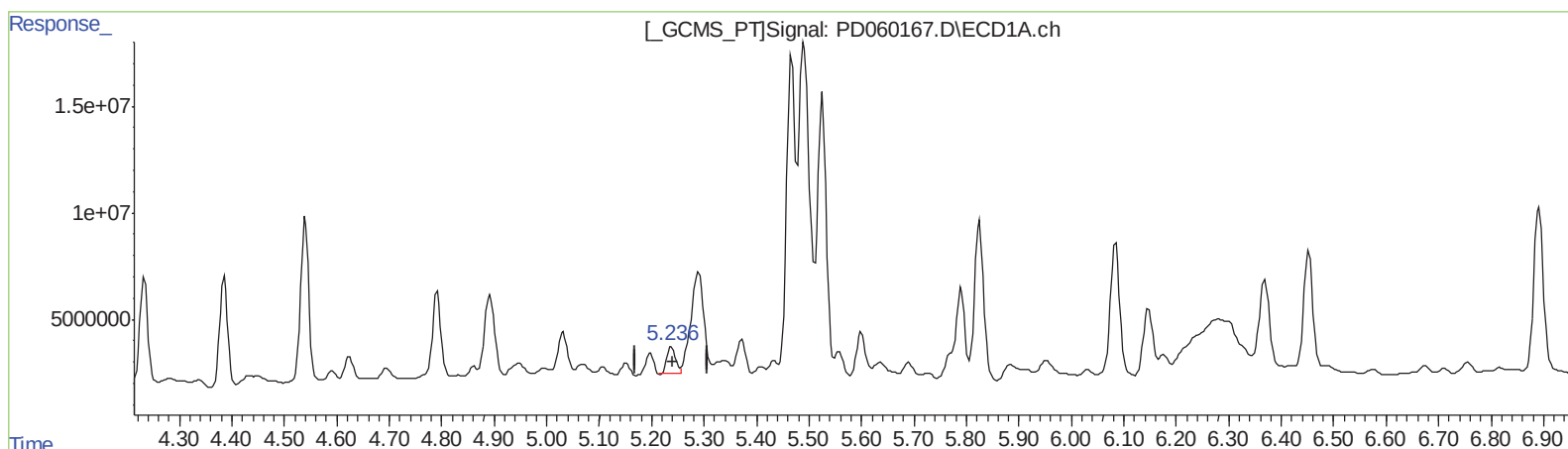
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 08:02:25 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110320CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 04 04:05:33 2020
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

(8) Heptachlor epoxide (B)

5.238min 13.649 ng/ml

response 14417610

(8) Heptachlor epoxide #2 (B)

5.890min 77.285 ng/ml

response 254556157

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
Data File : PD060167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2020 14:48
Operator : DD\AJ
Sample : L4711-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

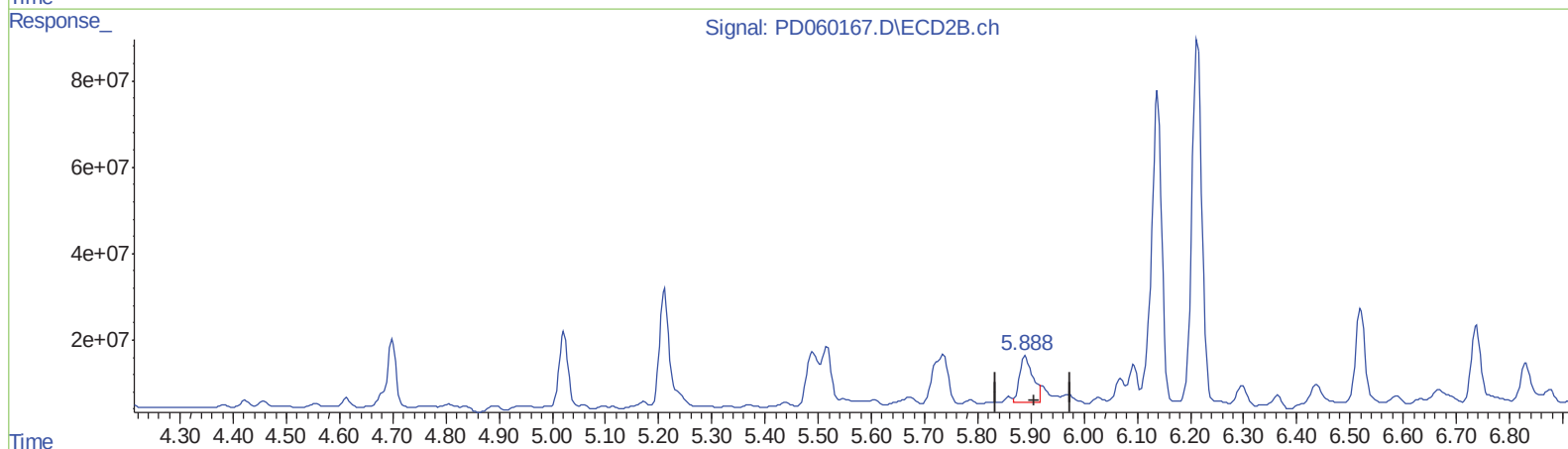
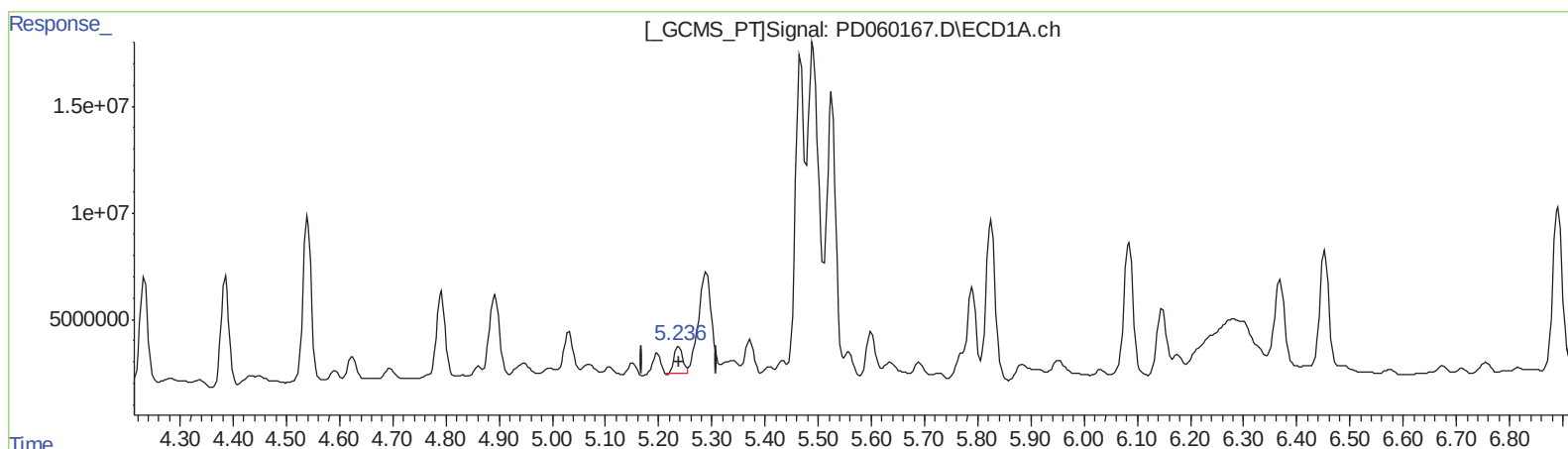
Instrument :
ECD_D
ClientSampleId :
C0B36MSD

Manual Integrations
APPROVED

mohammad
11/23/2020 12:03:56 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 08:02:25 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110320CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 04 04:05:33 2020
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

(8) Heptachlor epoxide (B)

5.238min 13.649 ng/ml

response 14417610

(8) Heptachlor epoxide #2 (B)

5.888min 54.571 ng/ml m

response 179741328

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112020\
 Data File : PD060167.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2020 14:48
 Operator : DD\AJ
 Sample : L4711-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0B36MSD

Manual Integrations
 APPROVED

mohammad
 11/23/2020 12:03:56 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 08:02:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110320CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 04 04:05:33 2020
 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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.505	4.022	11675493	35725174	13.624	11.985m
27) SA Decachlor...	8.294	9.108	22718356	46180444	27.342	18.772 #
Target Compounds						
3) MA gamma-BHC...	4.233	4.698	49790367	168.4E6	40.733	41.606m
4) MA Heptachlor	4.540	5.210	81859997	333.9E6	69.745	84.221m
5) MB Aldrin	4.792	5.515	45333782	155.0E6	39.487	41.768m
8) B Heptachlo...	5.238	5.888	14417610	179.7E6	13.649	54.571m#
10) B trans-Chl...	5.467	6.138	169.5E6	884.0E6	159.590	257.292 #
11) B cis-Chlor...	5.526	6.213	158.4E6	1100.8E6	149.746	320.626 #
12) B 4,4'-DDE	5.690	6.364	5457356	32534400	5.340	10.062 #
13) MA Dieldrin	5.824	6.520	87071338	270.3E6	79.914m	77.411
14) MA Endrin	6.084	6.736	75582398	232.9E6	83.781	83.187m
15) B Endosulfa...	6.368	6.955	48193592	22118252	53.443m	7.825m#
17) MA 4,4'-DDT	6.453	7.157	63479359	237.2E6	70.630	87.174
19) B Endosulfa...	6.754	7.294	6334100	4019644	7.248m	1.394m#

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

AS
 11/25/20