

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
Data File : PD060212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2020 13:59
Operator : DD\AJ
Sample : L4749-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

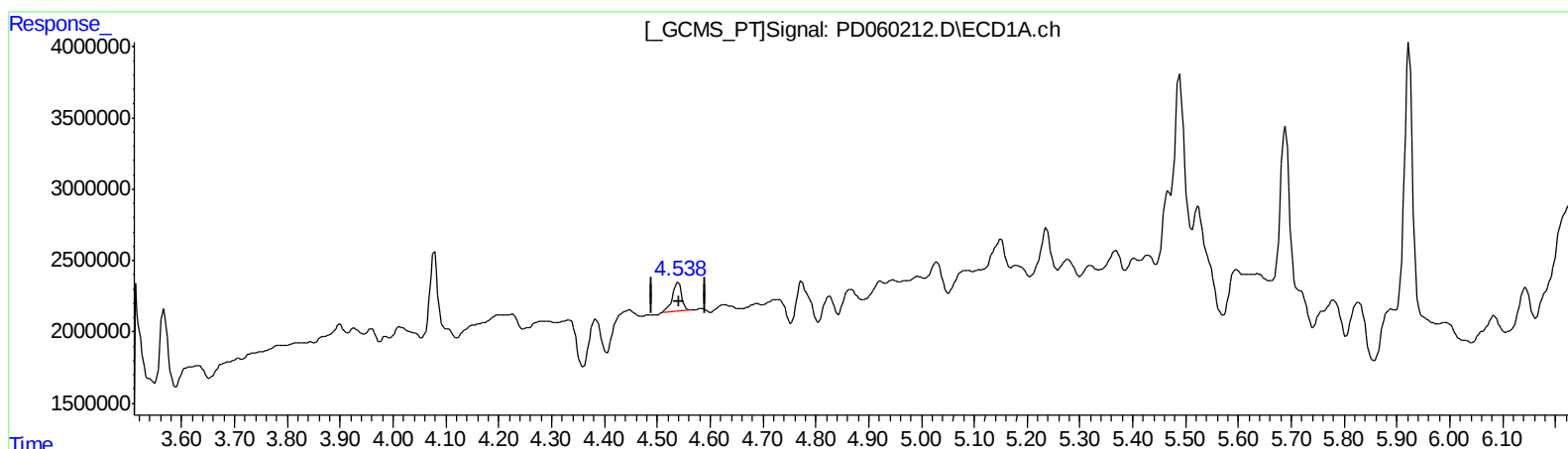
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 08:55:08 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



(4) Heptachlor (MA)
4.539min 2.003 ng/ml
response 2350995

(4) Heptachlor #2 (MA)
5.210min 3.047 ng/ml
response 12079633

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
Data File : PD060212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2020 13:59
Operator : DD\AJ
Sample : L4749-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

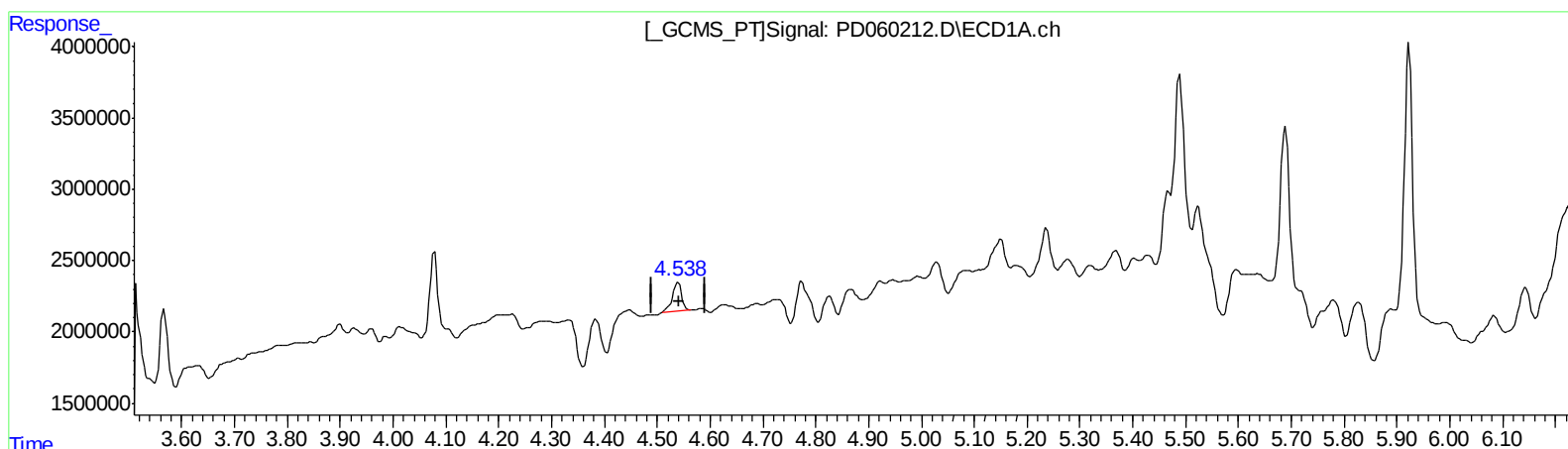
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 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



(4) Heptachlor (MA)

4.539min 2.003 ng/ml

response 2350995

(4) Heptachlor #2 (MA)

5.209min 2.022 ng/ml m

response 8015565

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
Data File : PD060212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2020 13:59
Operator : DD\AJ
Sample : L4749-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

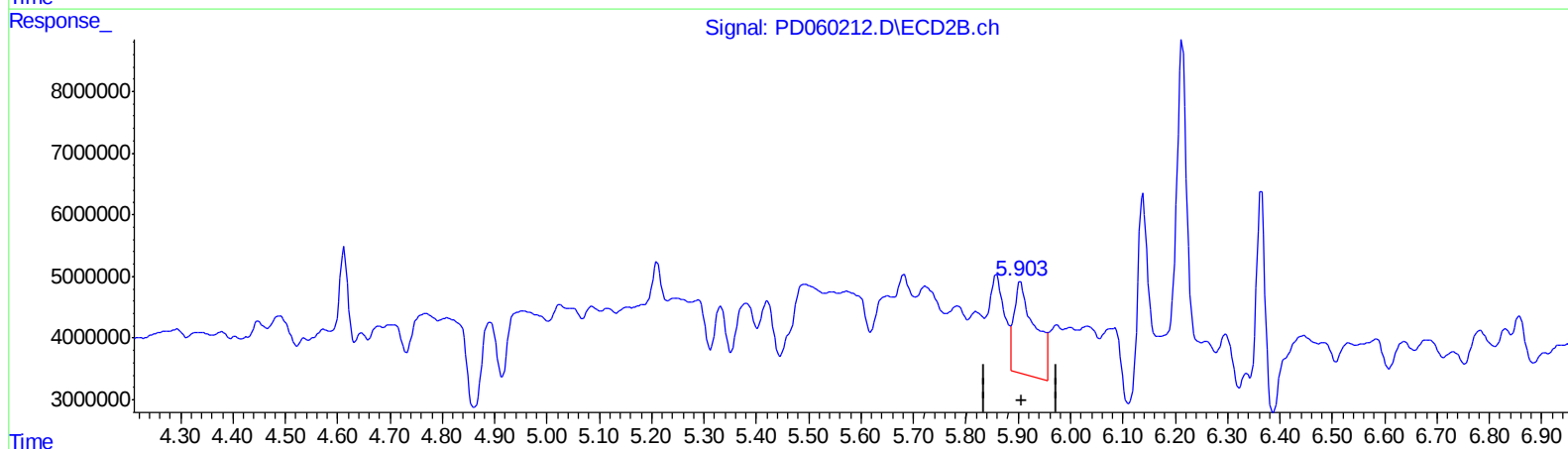
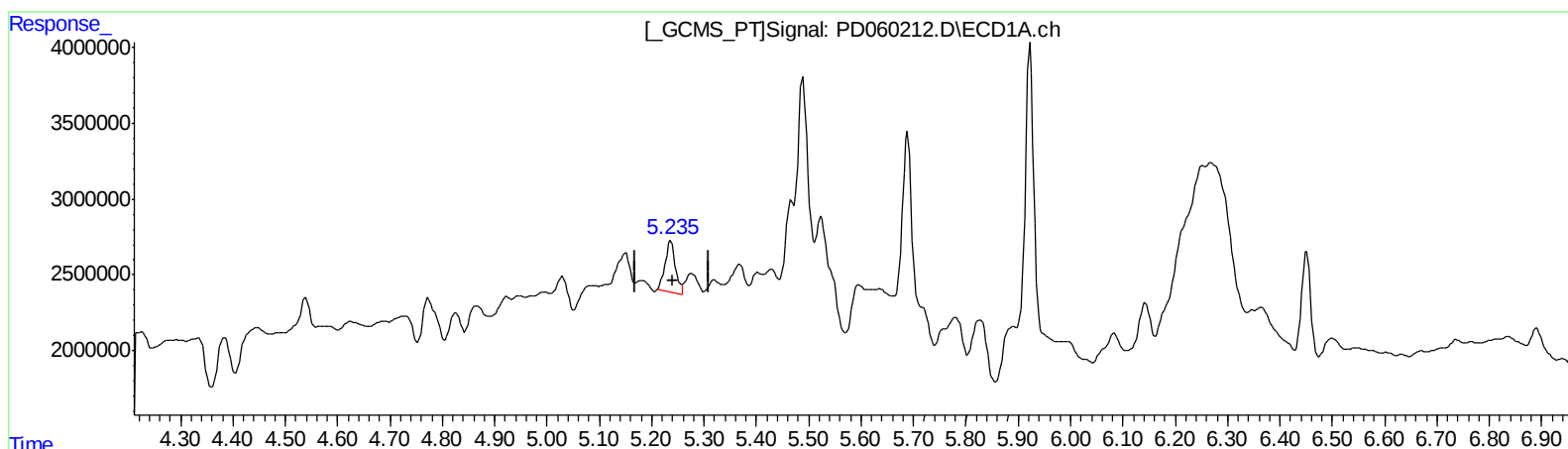
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 08:55:08 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110320CLP.M
Quant Title : GC Extractables
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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

(8) Heptachlor epoxide (B)

5.236min 4.450 ng/ml

response 4701161

(8) Heptachlor epoxide #2 (B)

5.905min 12.760 ng/ml

response 42026638

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
Data File : PD060212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2020 13:59
Operator : DD\AJ
Sample : L4749-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

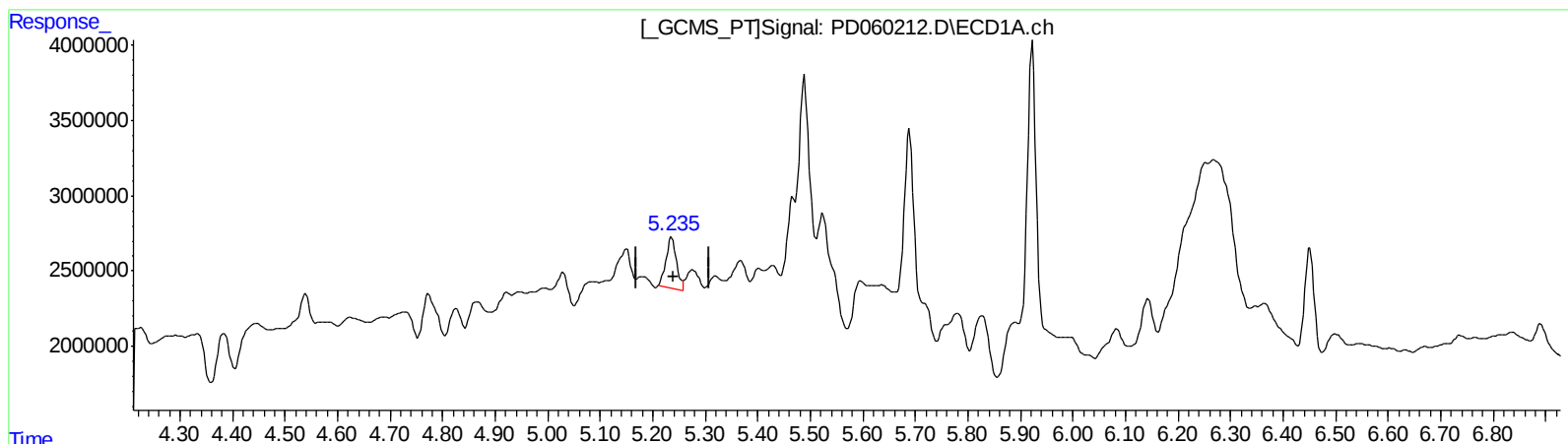
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 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
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



(8) Heptachlor epoxide (B)

5.236min 4.450 ng/ml

response 4701161

(8) Heptachlor epoxide #2 (B)

5.903min 2.683 ng/ml m

response 8836719

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
Data File : PD060212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2020 13:59
Operator : DD\AJ
Sample : L4749-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

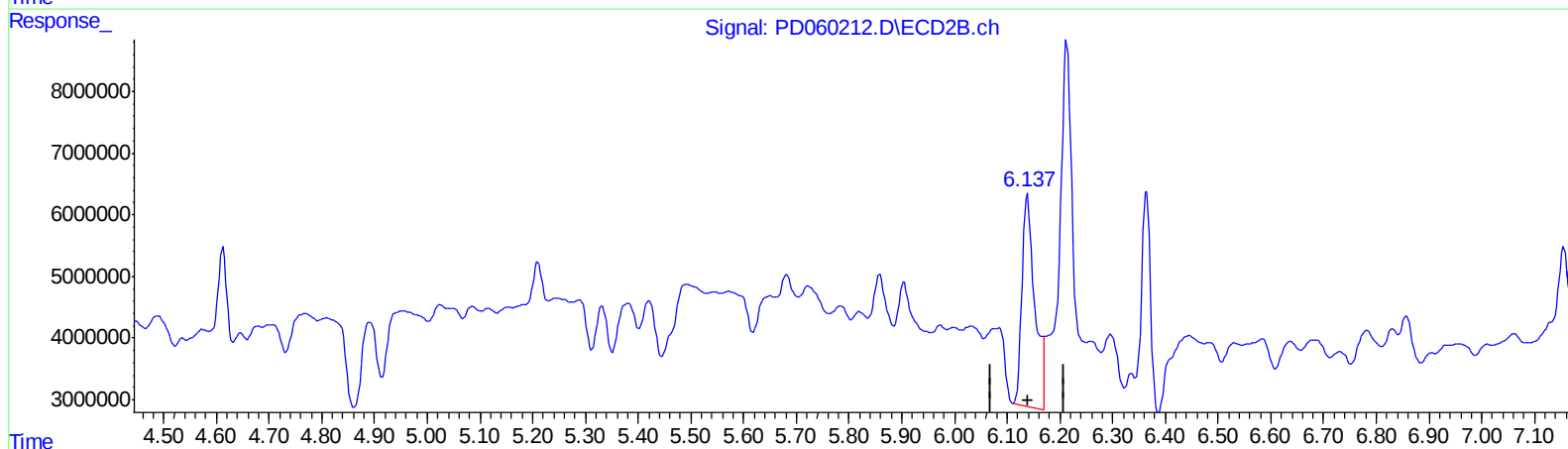
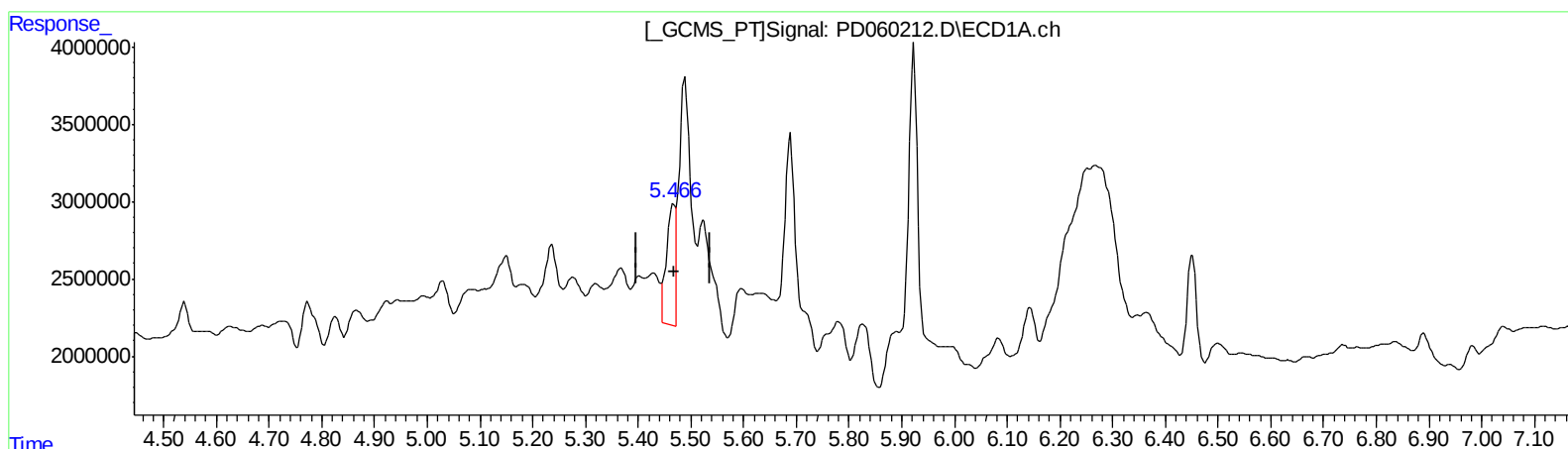
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 08:55:08 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

(10) trans-Chlordane (B)

5.467min 8.451 ng/ml

response 8975997

(10) trans-Chlordane #2 (B)

6.139min 16.387 ng/ml

response 56302917

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
Data File : PD060212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2020 13:59
Operator : DD\AJ
Sample : L4749-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

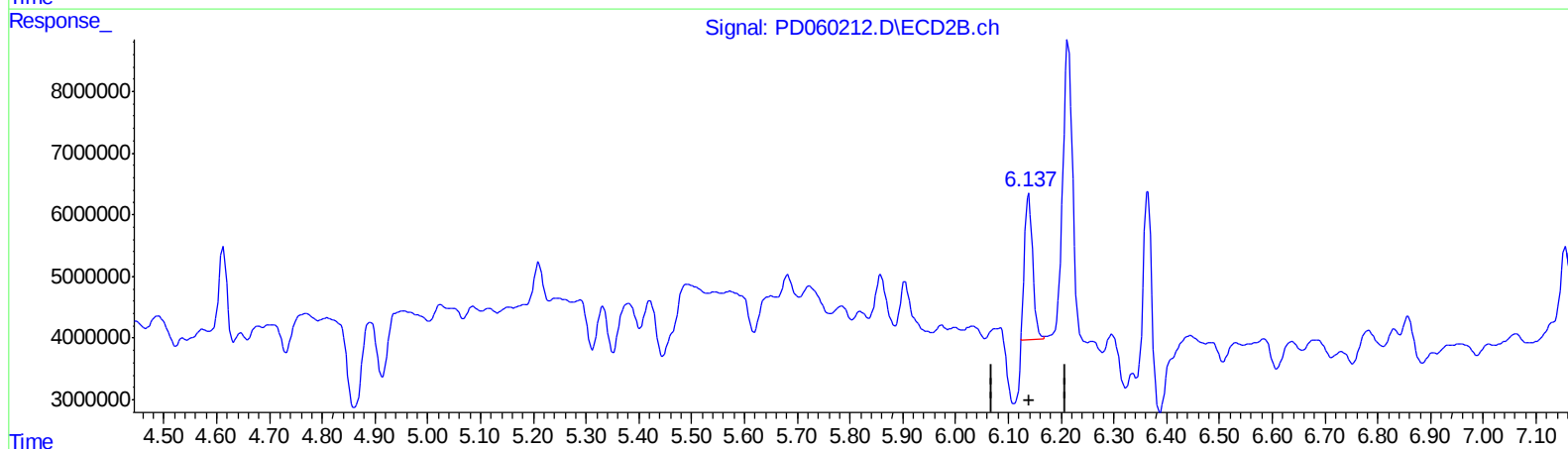
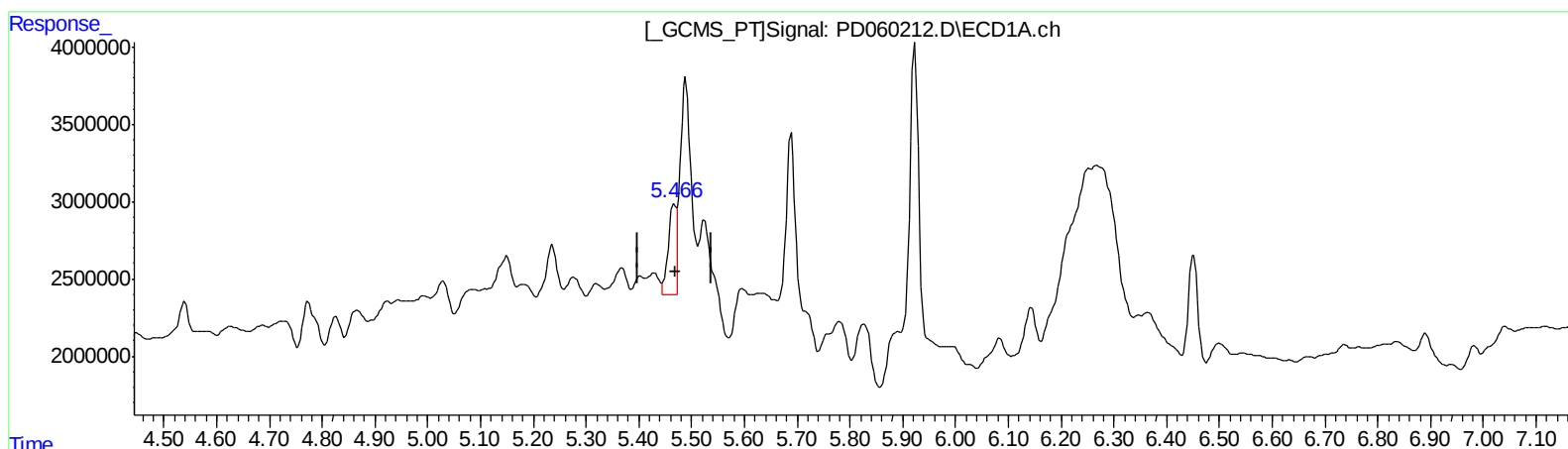
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 08:55:08 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

(10) trans-Chlordane (B)

5.465min 4.667 ng/ml m

response 4957393

(10) trans-Chlordane #2 (B)

6.137min 7.364 ng/ml m

response 25300821

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
Data File : PD060212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2020 13:59
Operator : DD\AJ
Sample : L4749-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

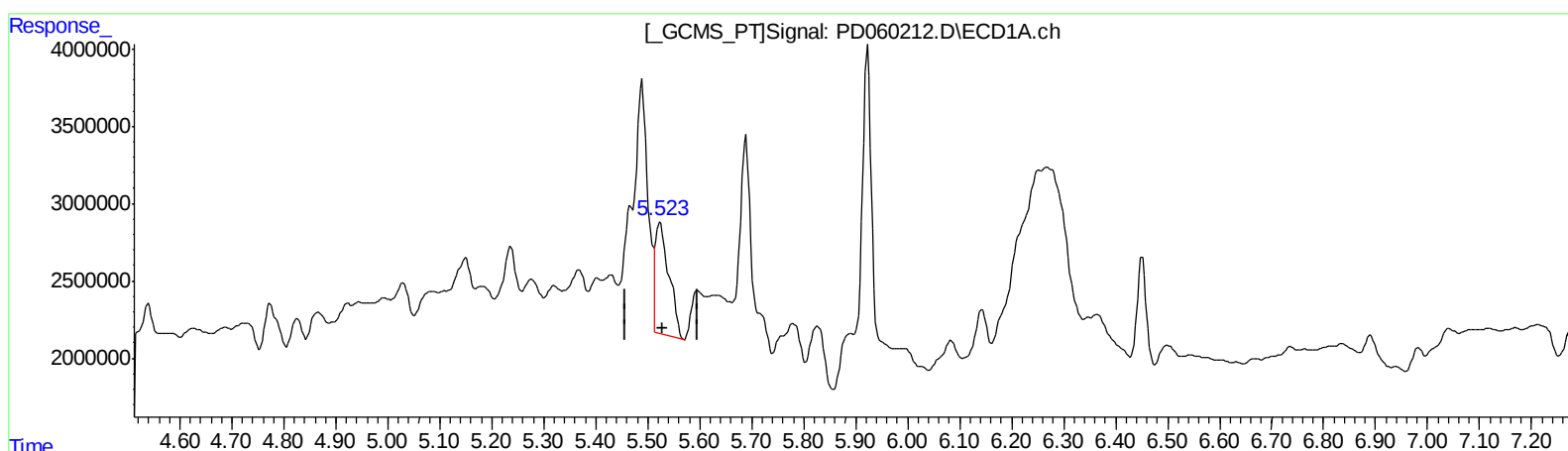
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 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



(11) cis-Chlordane (B)

5.524min 12.879 ng/ml

response 13623798

(11) cis-Chlordane #2 (B)

6.214min 41.639 ng/ml

response 142963372

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2020 13:59
Operator : DD\AJ
Sample : L4749-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

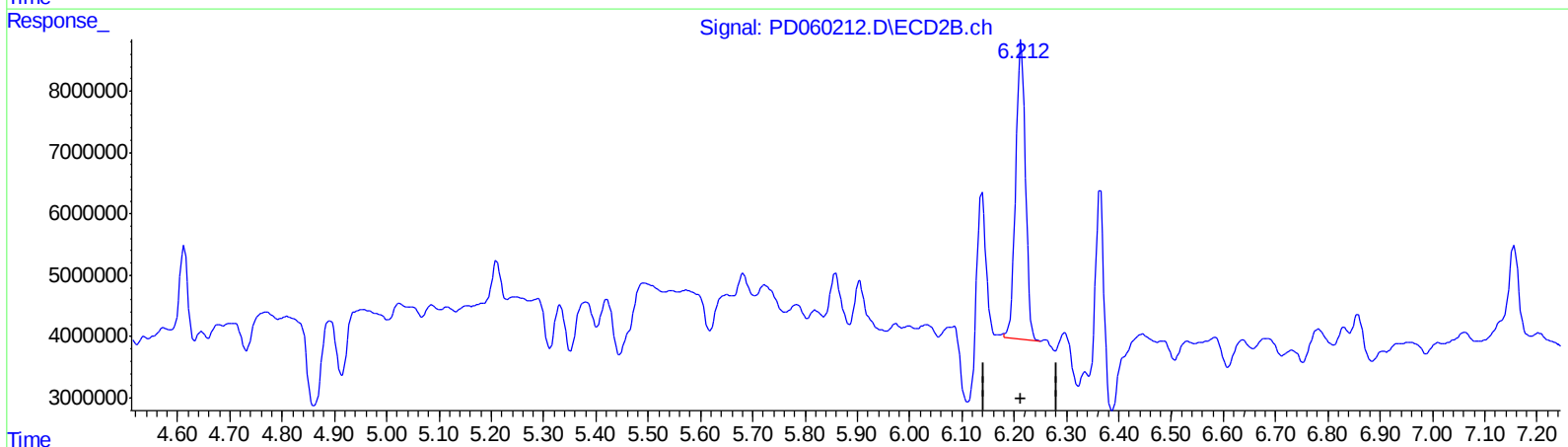
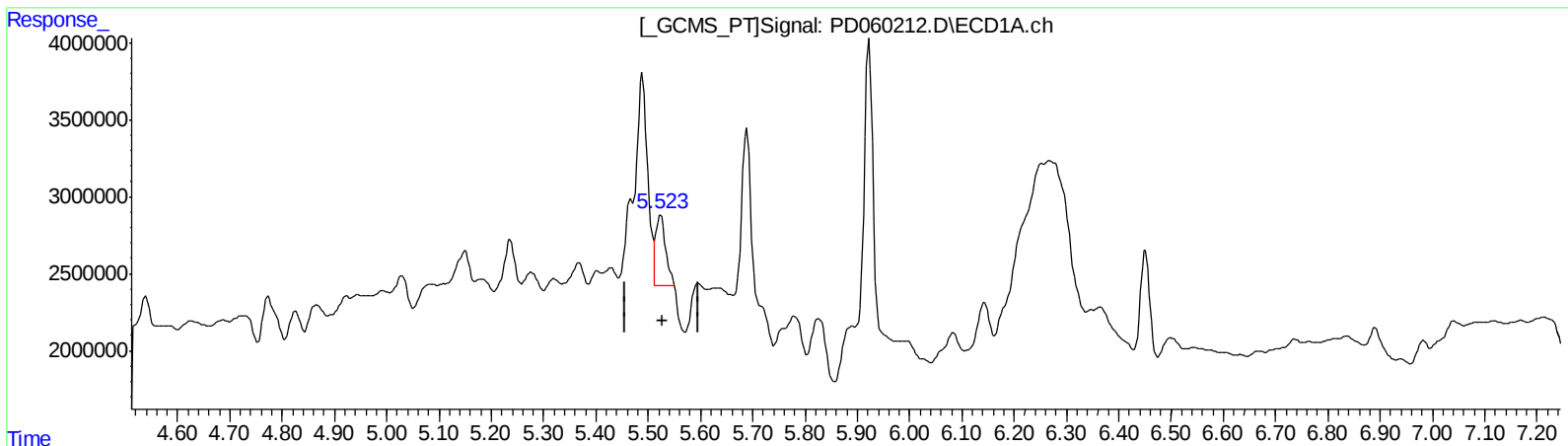
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 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

(11) cis-Chlordane (B)

5.523min 5.502 ng/ml m

response 5820271

(11) cis-Chlordane #2 (B)

6.212min 18.183 ng/ml m

response 62429014

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
Data File : PD060212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2020 13:59
Operator : DD\AJ
Sample : L4749-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

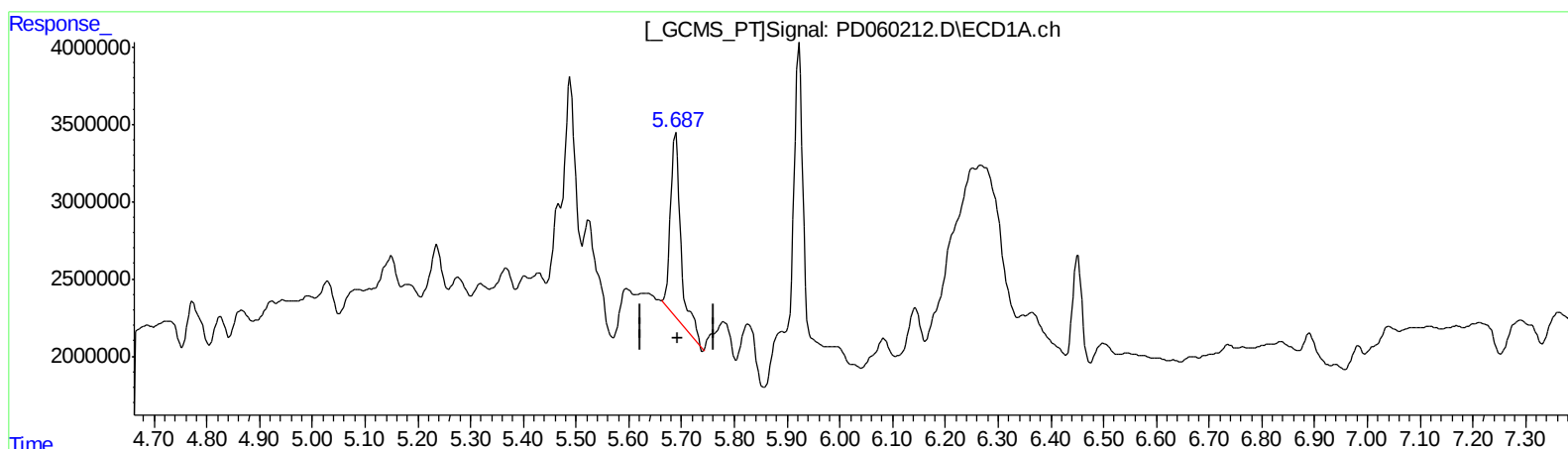
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 08:55:08 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



(12) 4,4'-DDE (B)
5.689min 16.257 ng/ml
response 16615807

(12) 4,4'-DDE #2 (B)
6.364min 11.157 ng/ml
response 36076859

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
Data File : PD060212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2020 13:59
Operator : DD\AJ
Sample : L4749-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

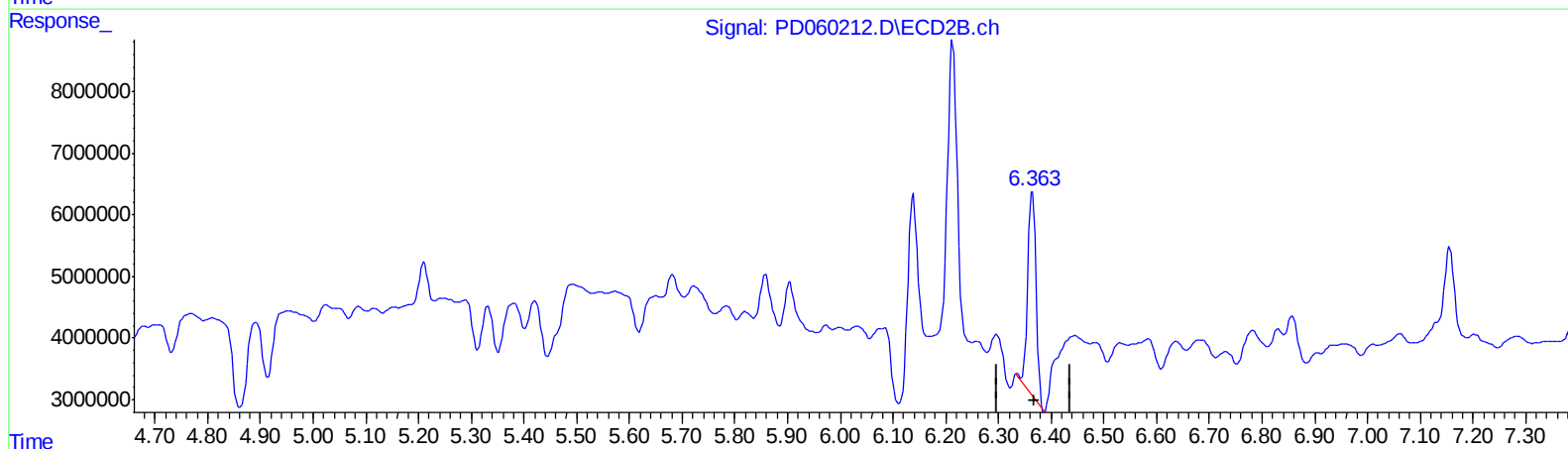
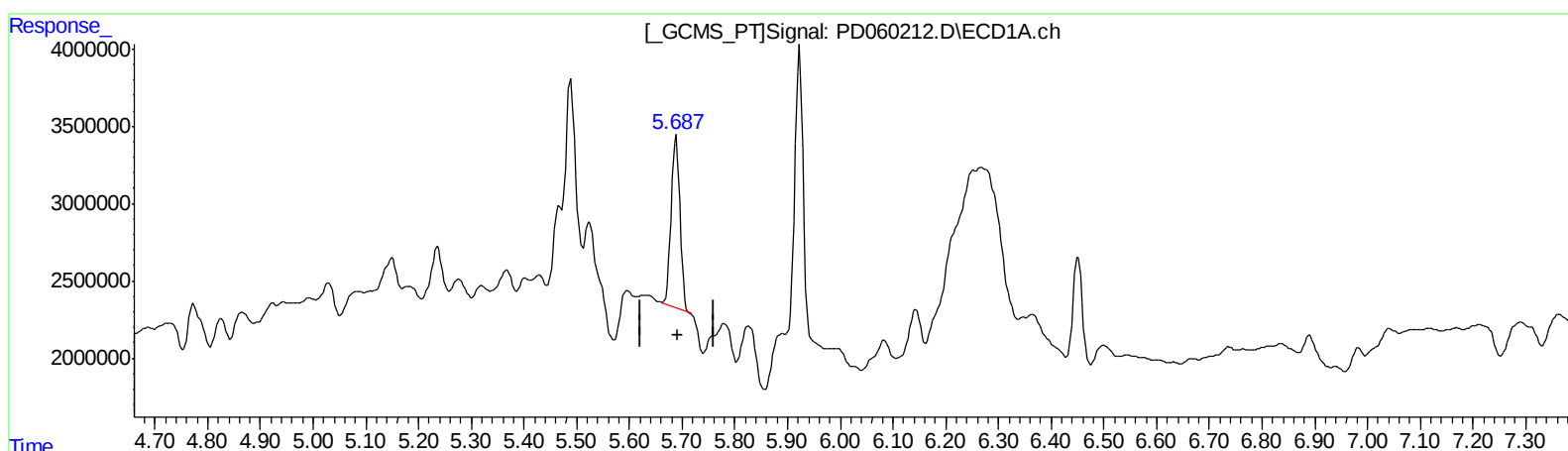
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 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

(12) 4,4'-DDE (B)
5.687min 12.650 ng/ml m
response 12928420

(12) 4,4'-DDE #2 (B)
6.364min 11.157 ng/ml
response 36076859

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
Data File : PD060212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2020 13:59
Operator : DD\AJ
Sample : L4749-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

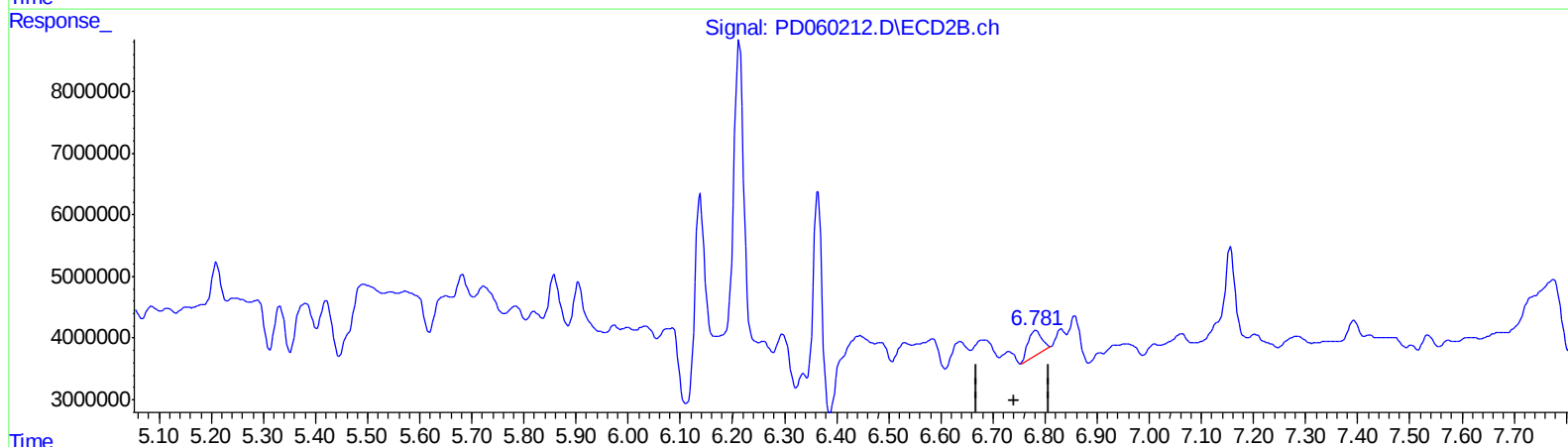
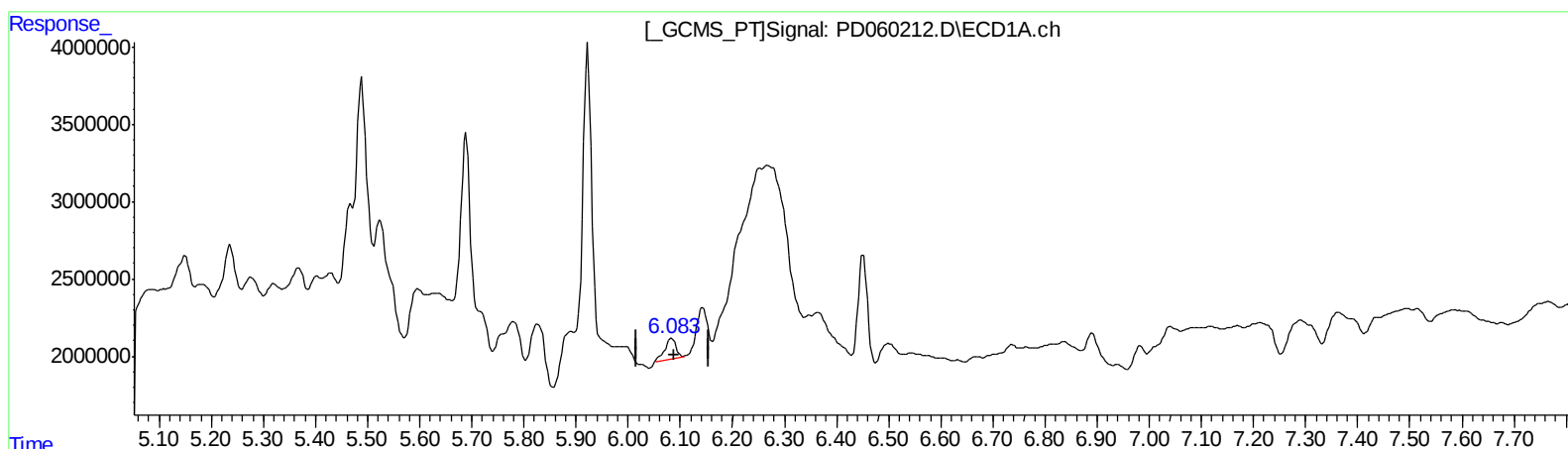
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 PM

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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

(14) Endrin (MA)

6.084min 2.177 ng/ml

response 1964249

(14) Endrin #2 (MA)

6.782min 2.575 ng/ml

response 7211421

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
Data File : PD060212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2020 13:59
Operator : DD\AJ
Sample : L4749-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

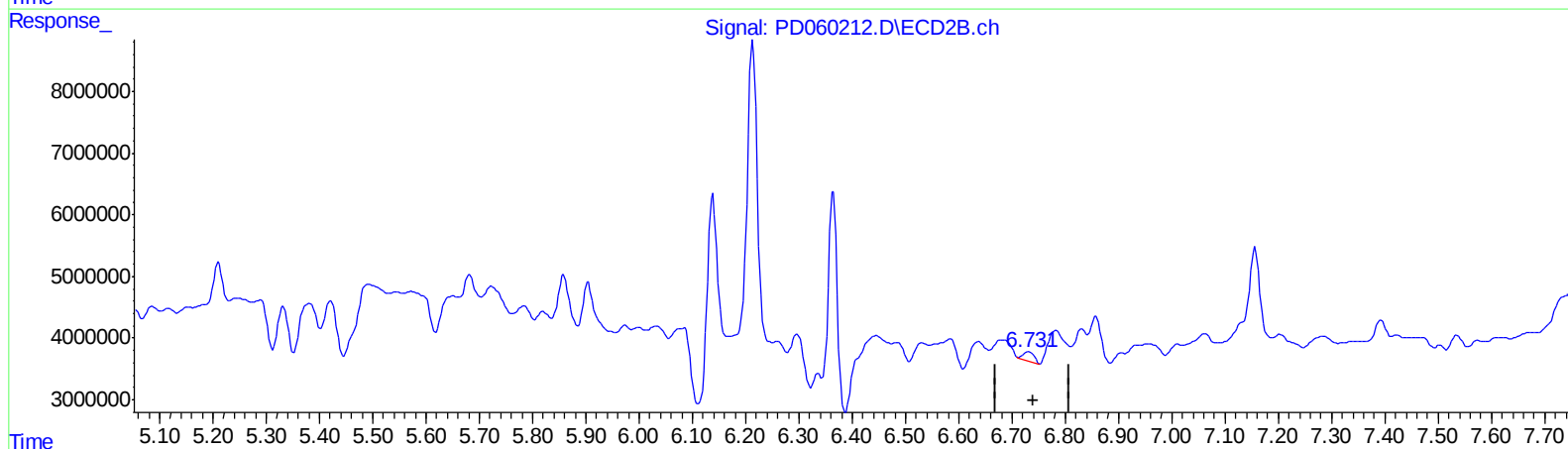
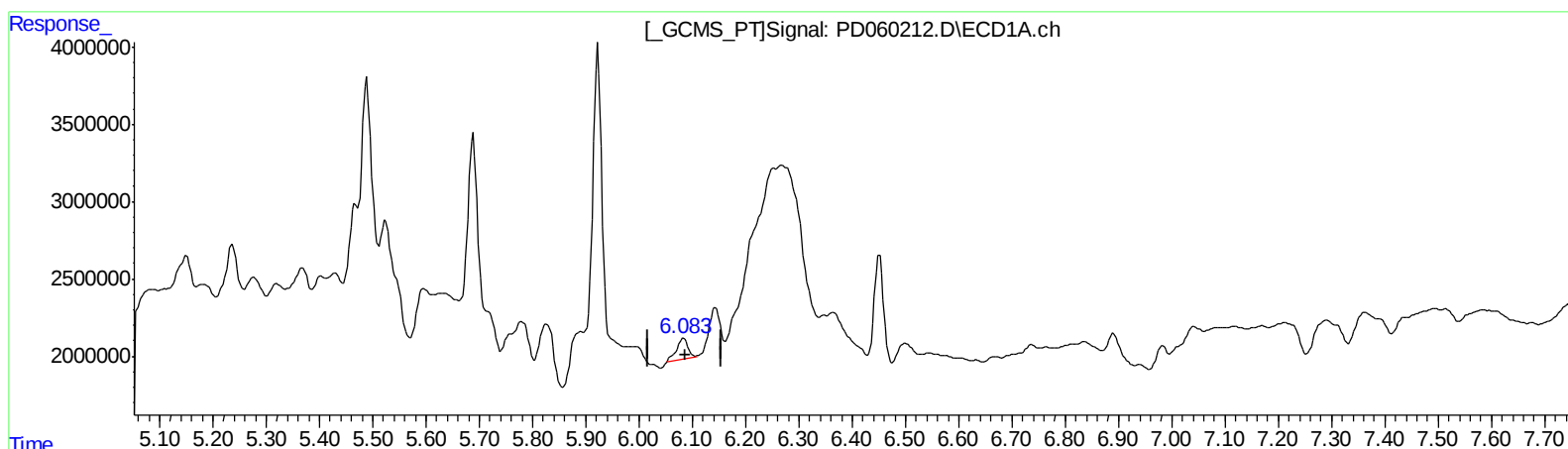
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : GC Extractables
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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

(14) Endrin (MA)

6.084min 2.177 ng/ml

response 1964249

(14) Endrin #2 (MA)

6.731min 0.790 ng/ml m

response 2213065

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
Data File : PD060212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2020 13:59
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Sample : L4749-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

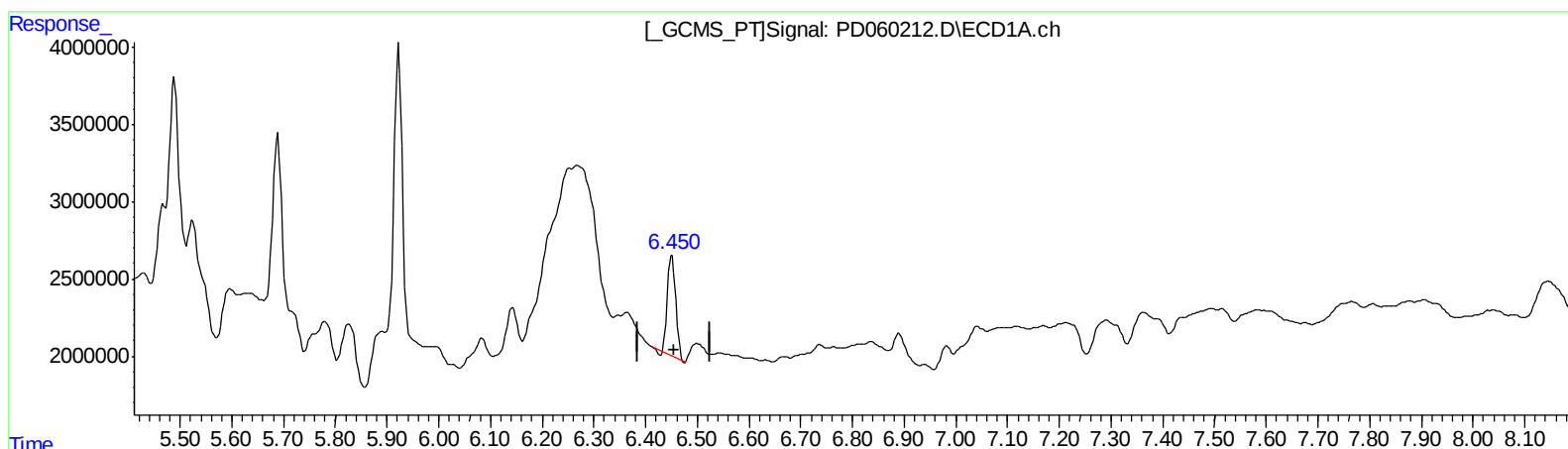
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 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



(17) 4,4'-DDT (MA)
6.451min 8.209 ng/ml
response 7377612

(17) 4,4'-DDT #2 (MA)
7.156min 8.682 ng/ml
response 23625455

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
Data File : PD060212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : L4749-19
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ALS Vial : 26 Sample Multiplier: 1

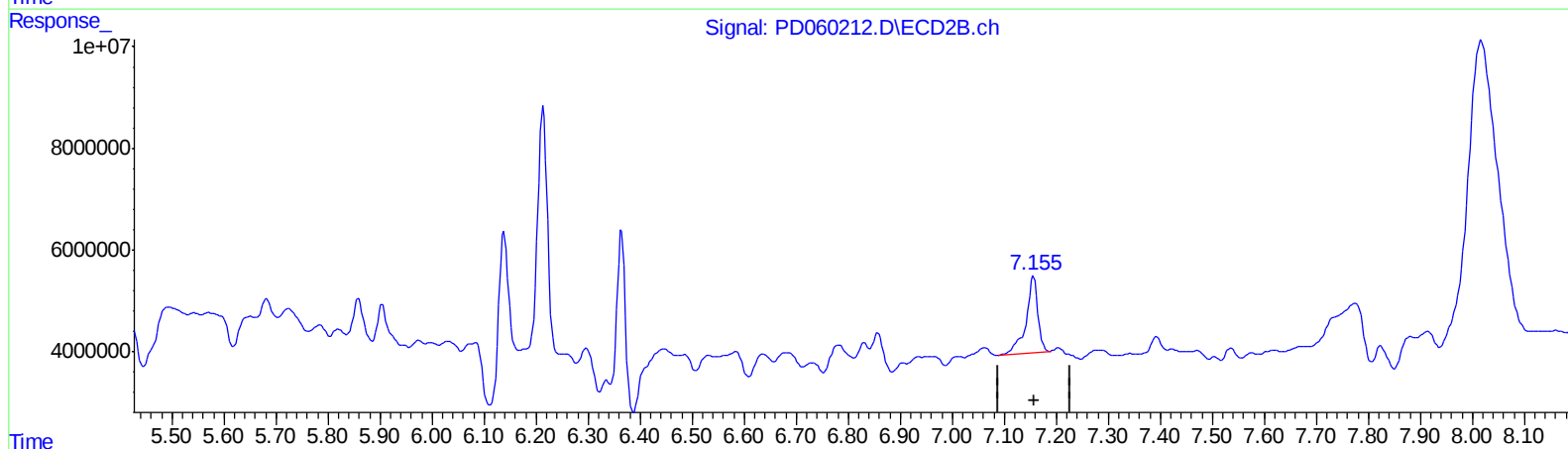
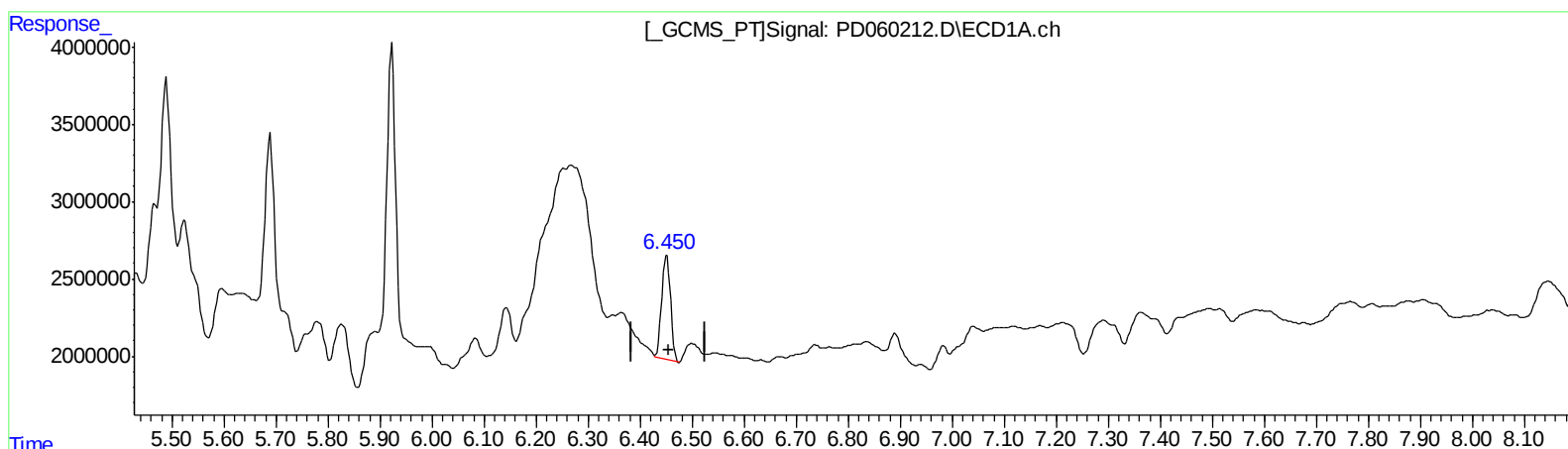
Instrument :
ECD_D
ClientSampleId :
C0B18

Manual Integrations
APPROVED

mohammad
11/23/2020 1:51:23 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

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

6.450min 8.758 ng/ml m

response 7870969

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

7.156min 8.682 ng/ml

response 23625455

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112120\
 Data File : PD060212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2020 13:59
 Operator : DD\AJ
 Sample : L4749-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0B18

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:51:23 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 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...	3.504	4.023	15146465	38585206	17.675	12.944 #
27)	SA Decachlor...	8.300	9.106	20005395	54229880	24.077	22.044
Target Compounds							
4)	MA Heptachlor	4.539	5.209	2350995	8015565	2.003	2.022m
8)	B Heptachlo...	5.236	5.903	4701161	8836719	4.450	2.683m#
10)	B trans-Chl...	5.465	6.137	4957393	25300821	4.667m	7.364m#
11)	B cis-Chlor...	5.523	6.212	5820271	62429014	5.502m	18.183m#
12)	B 4,4'-DDE	5.687	6.364	12928420	36076859	12.650m	11.157
14)	MA Endrin	6.084	6.731	1964249	2213065	2.177	0.790m#
17)	MA 4,4'-DDT	6.450	7.156	7870969	23625455	8.758m	8.682

AS
 11/25/20

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