

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
Data File : PD056804.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2019 14:52
Operator : SG\AJ
Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

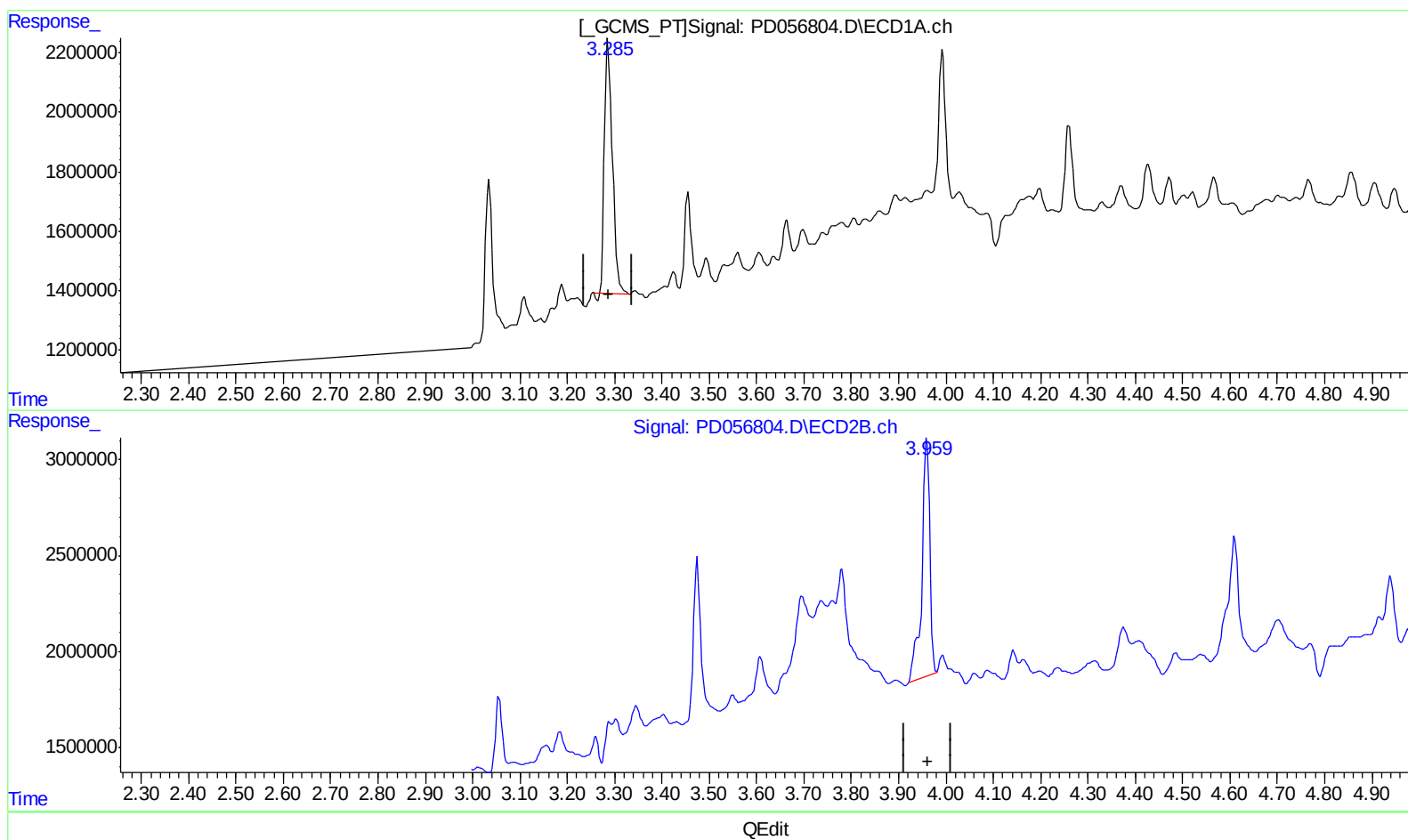
Instrument :
ECD_D
ClientSampleId :
C0C53

Manual Integrations
APPROVED

mohammad
1/2/2020 9:00:01 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 22:42:41 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120219CLP.M
Quant Title : GC Extractables
QLast Update : Tue Dec 03 08:51:13 2019
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)

3.286min 12.091 ng/ml

response 10013523

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

3.960min 11.866 ng/ml

response 14266022

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
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Acq On : 27 Dec 2019 14:52
Operator : SG\AJ
Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

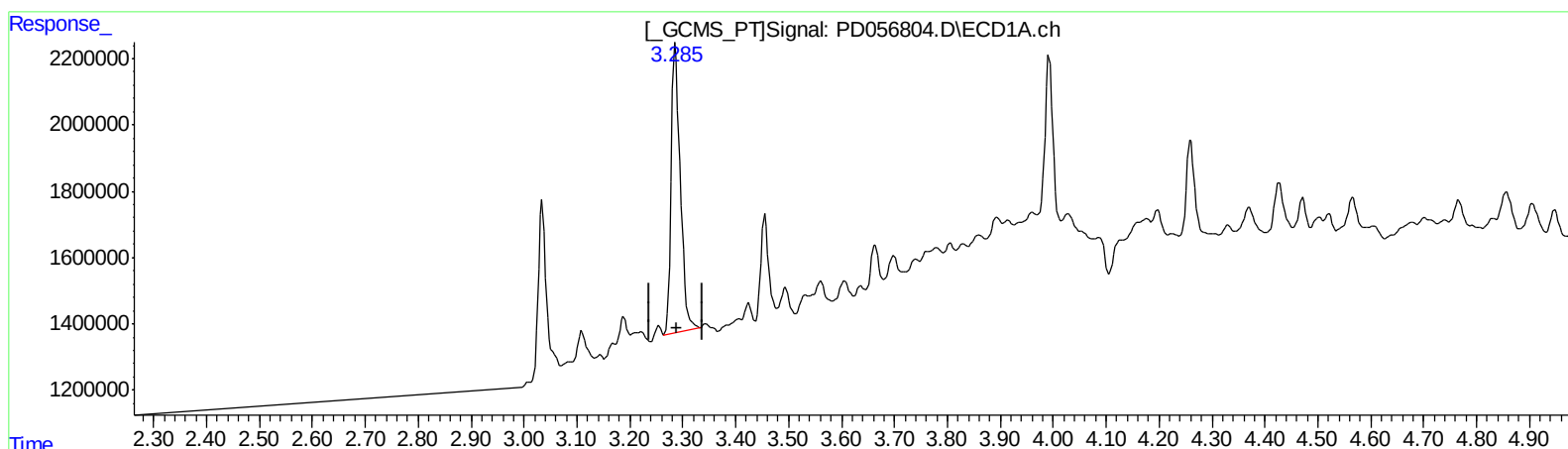
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
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Integration File signal 1: autoint1.e
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(1) Tetrachloro-m-xylene (SA)

3.285min 12.830 ng/ml m

response 10625822

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

3.959min 10.443 ng/ml m

response 12555137

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
Data File : PD056804.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2019 14:52
Operator : SG\AJ
Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

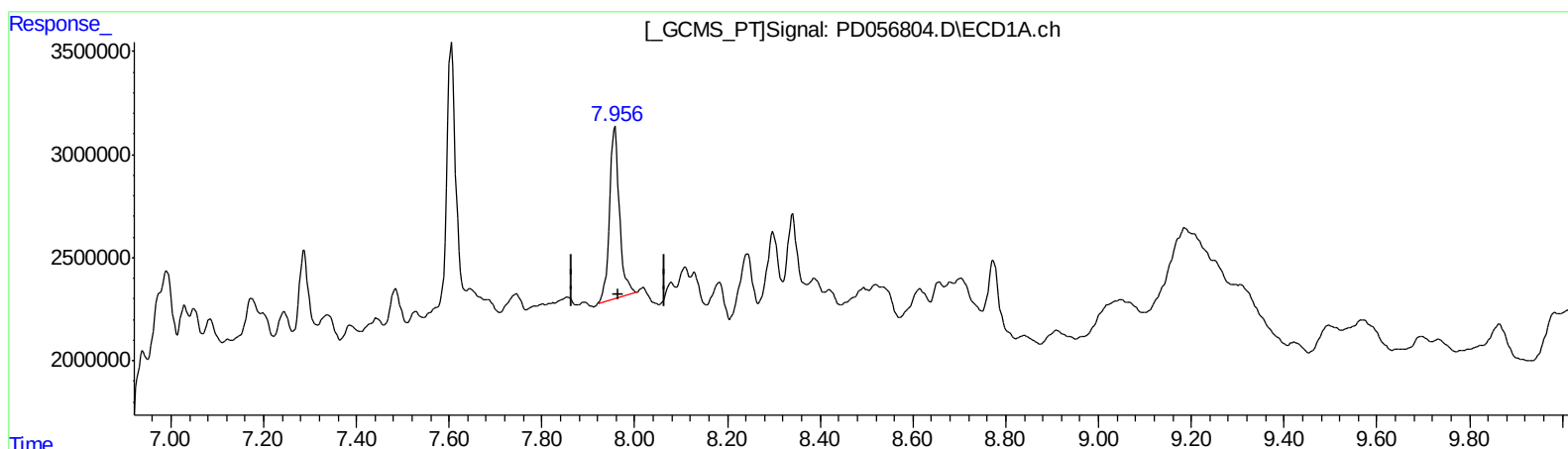
Instrument :
ECD_D
ClientSampleId :
C0C53

Manual Integrations
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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



(27) Decachlorobiphenyl (SA)

7.957min 13.619 ng/ml

response 12297630

(27) Decachlorobiphenyl #2 (SA)

8.997min 7.908 ng/ml

response 9514050

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2019 14:52
Operator : SG\AJ
Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

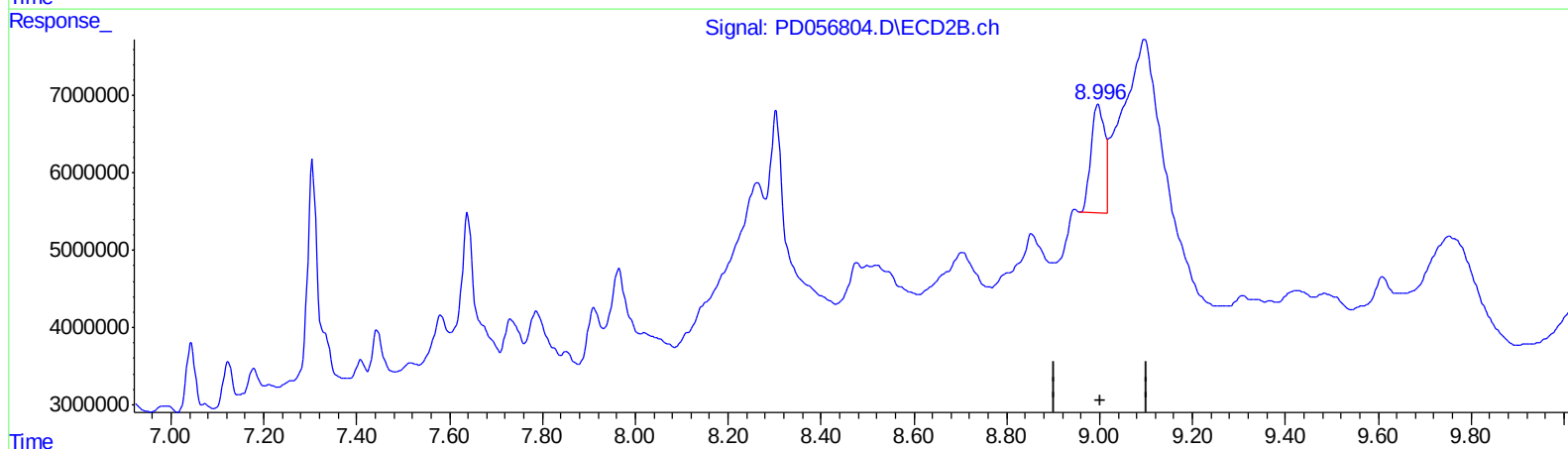
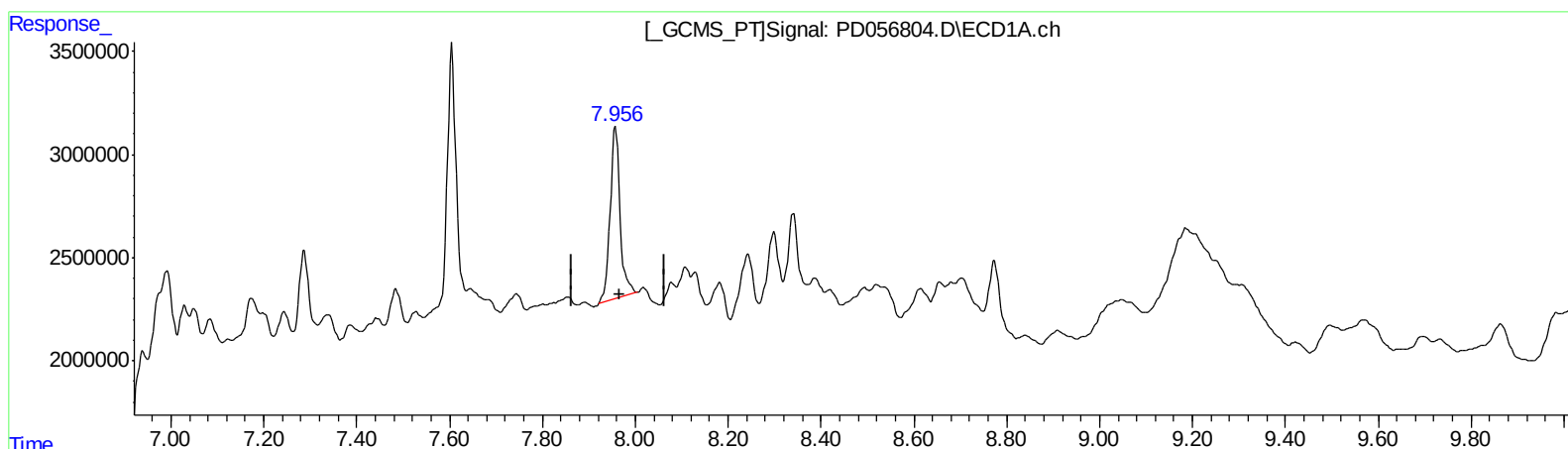
Instrument :
ECD_D
ClientSampleId :
C0C53

Manual Integrations
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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



QEdit

(27) Decachlorobiphenyl (SA)

7.957min 13.619 ng/ml

response 12297630

(27) Decachlorobiphenyl #2 (SA)

8.996min 22.853 ng/ml m

response 27496021

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
Data File : PD056804.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2019 14:52
Operator : SG\AJ
Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

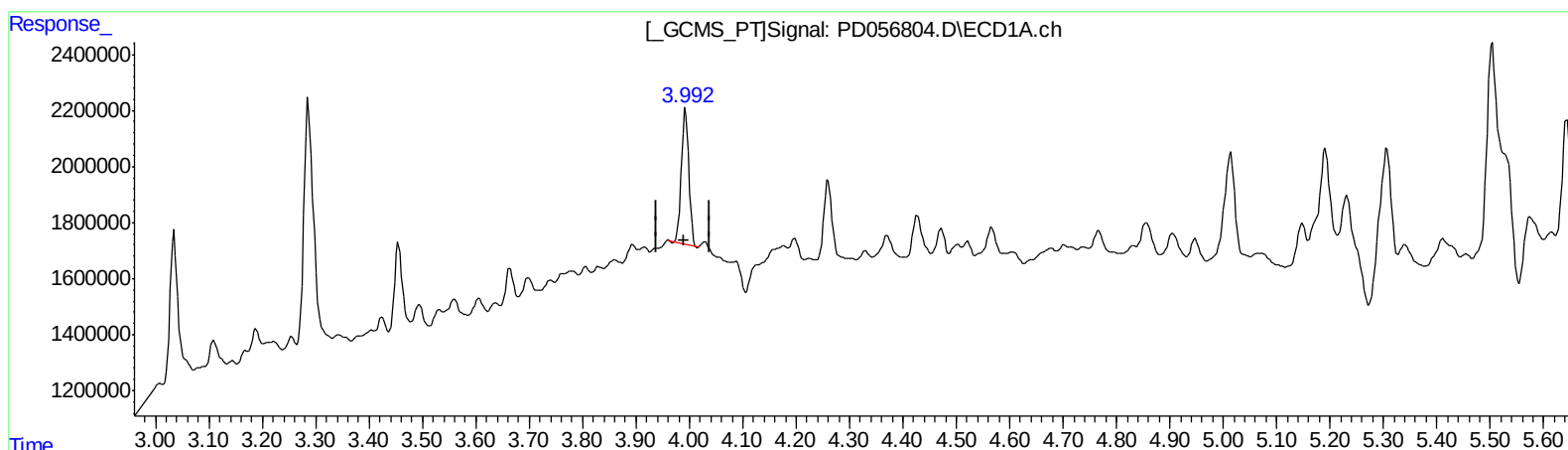
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ClientSampleId :
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

3.993min 4.217 ng/ml

response 4734878

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

4.610min 0.587 ng/ml

response 947915

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
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Acq On : 27 Dec 2019 14:52
Operator : SG\AJ
Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

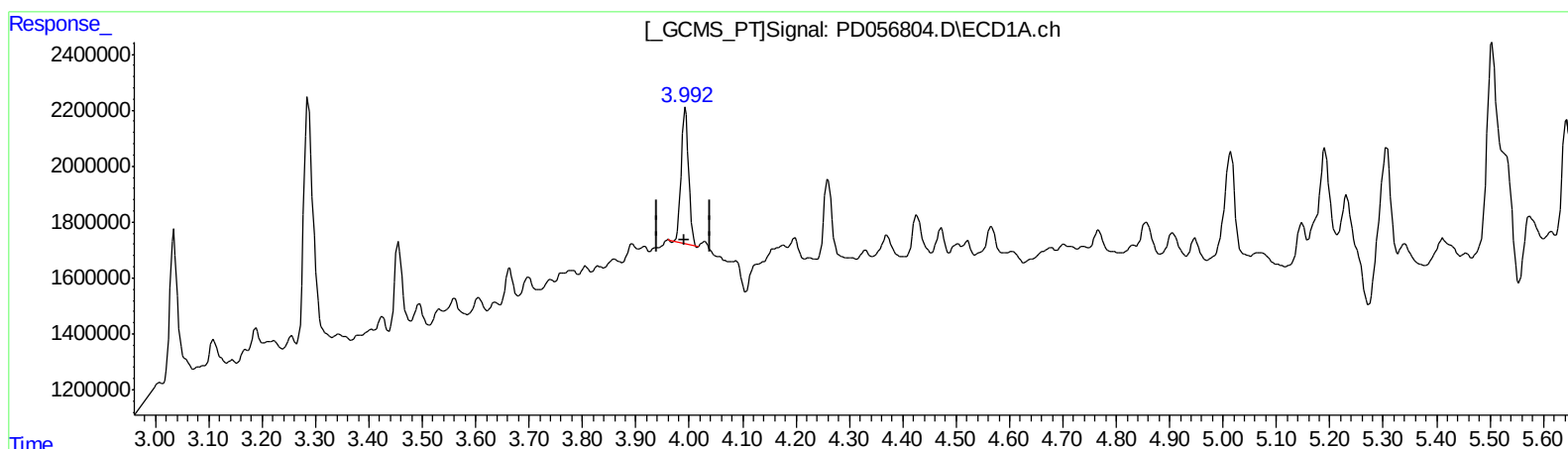
Instrument :
ECD_D
ClientSampleId :
C0C53

Manual Integrations
APPROVED

mohammad
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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



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

3.993min 4.217 ng/ml

response 4734878

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

4.609min 4.690 ng/ml m

response 7568664

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : SG\AJ
Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

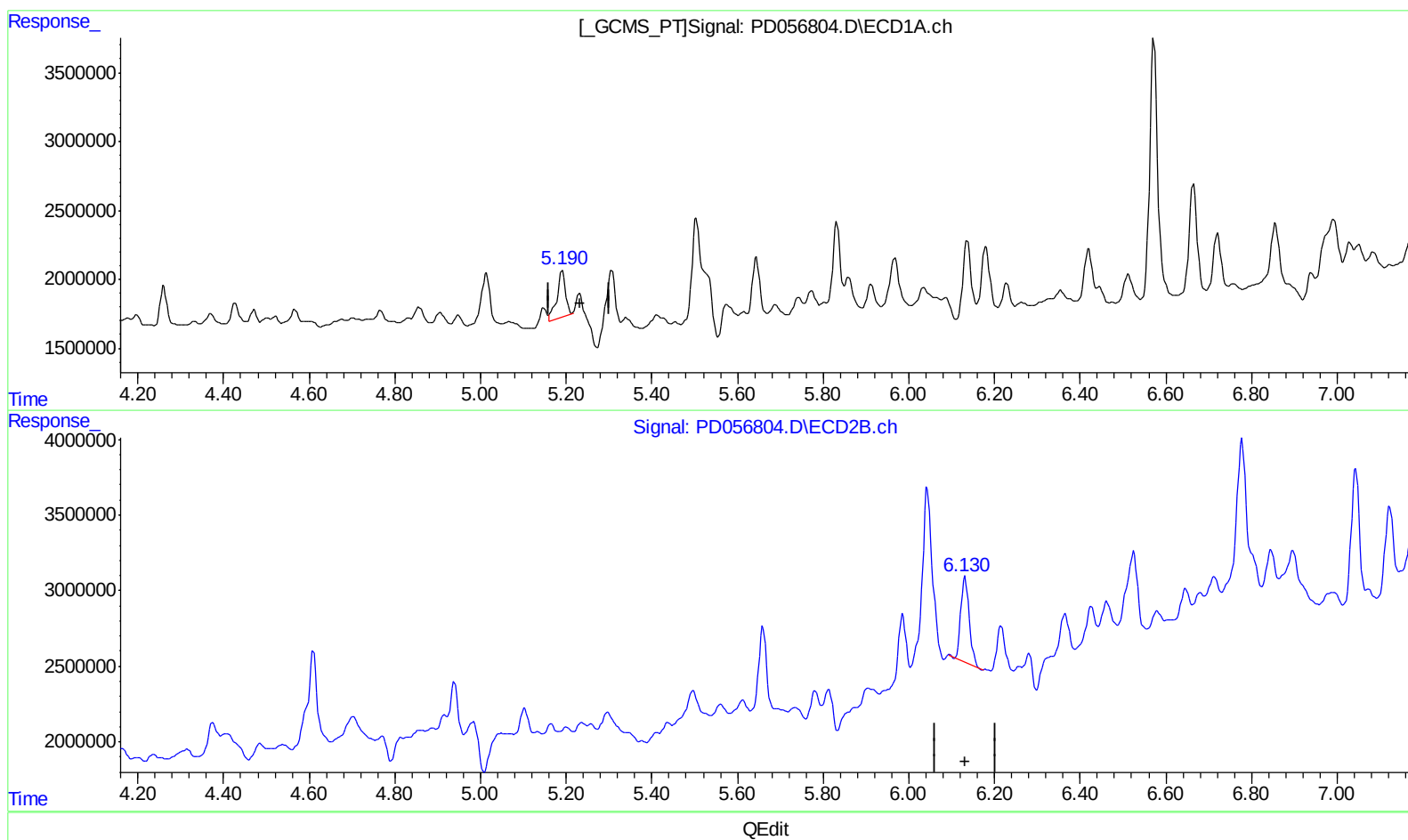
Instrument :
ECD_D
ClientSampleId :
C0C53

Manual Integrations
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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)

5.191min 4.557 ng/ml

response 4653751

(11) cis-Chlordane #2 (B)

6.131min 4.782 ng/ml

response 7706417

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
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Sample : K6278-06
Misc :
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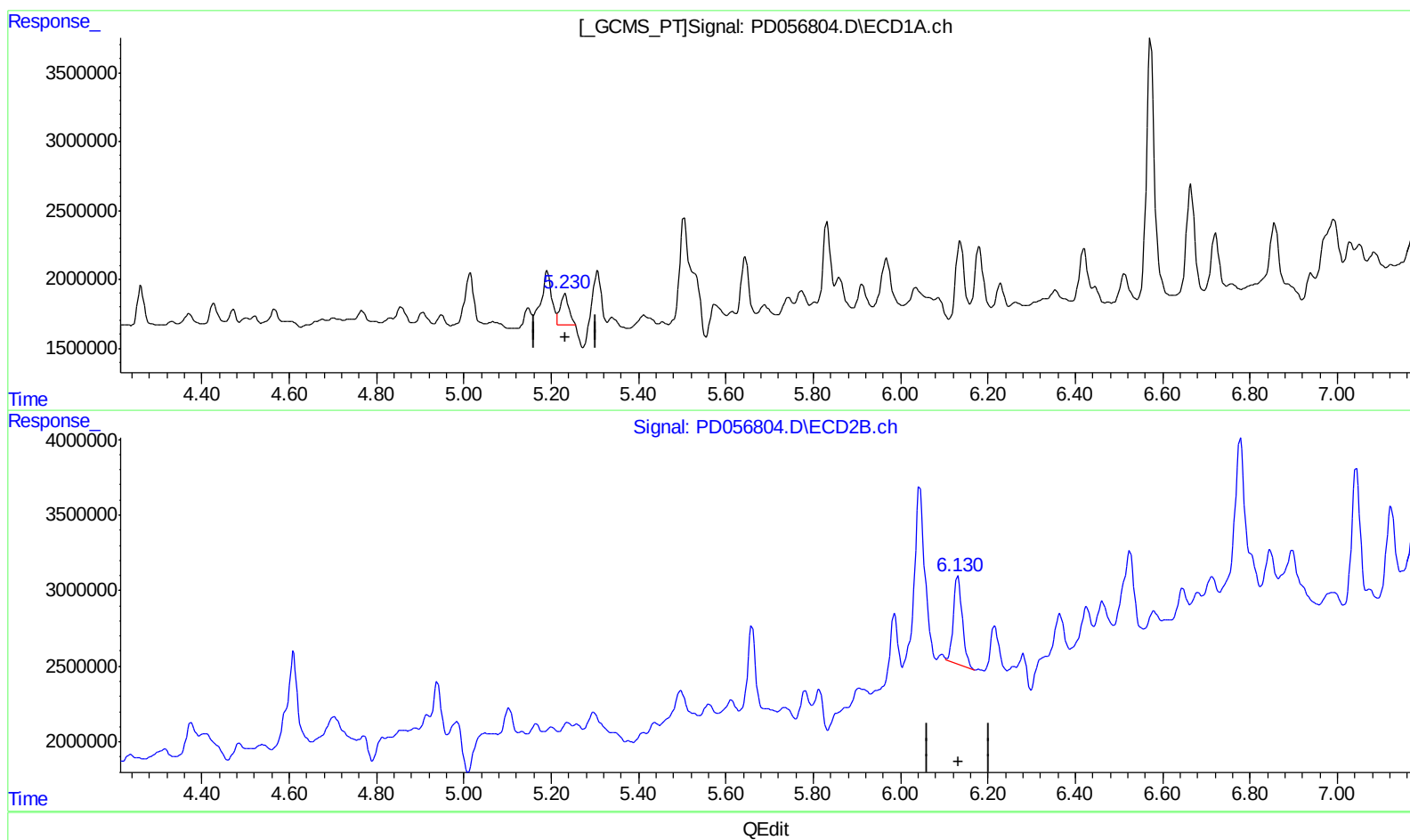
Instrument :
ECD_D
ClientSampleId :
C0C53

Manual Integrations
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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



(11) cis-Chlordane (B)

5.230min 2.992 ng/ml m

response 3055099

(11) cis-Chlordane #2 (B)

6.130min 4.988 ng/ml m

response 8037749

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2019 14:52
Operator : SG\AJ
Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

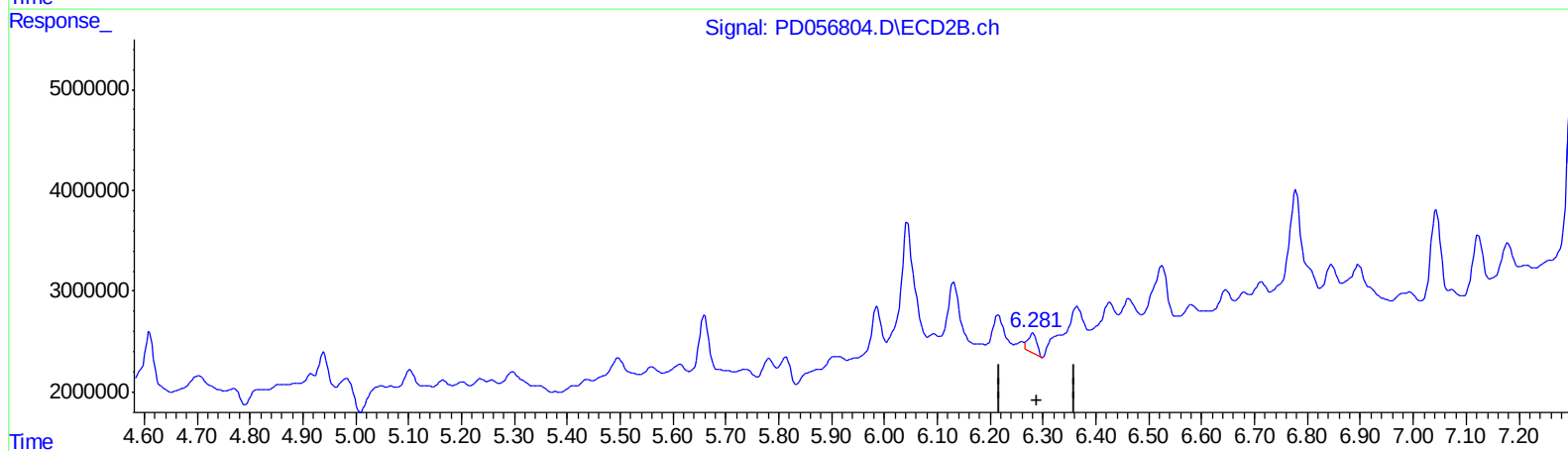
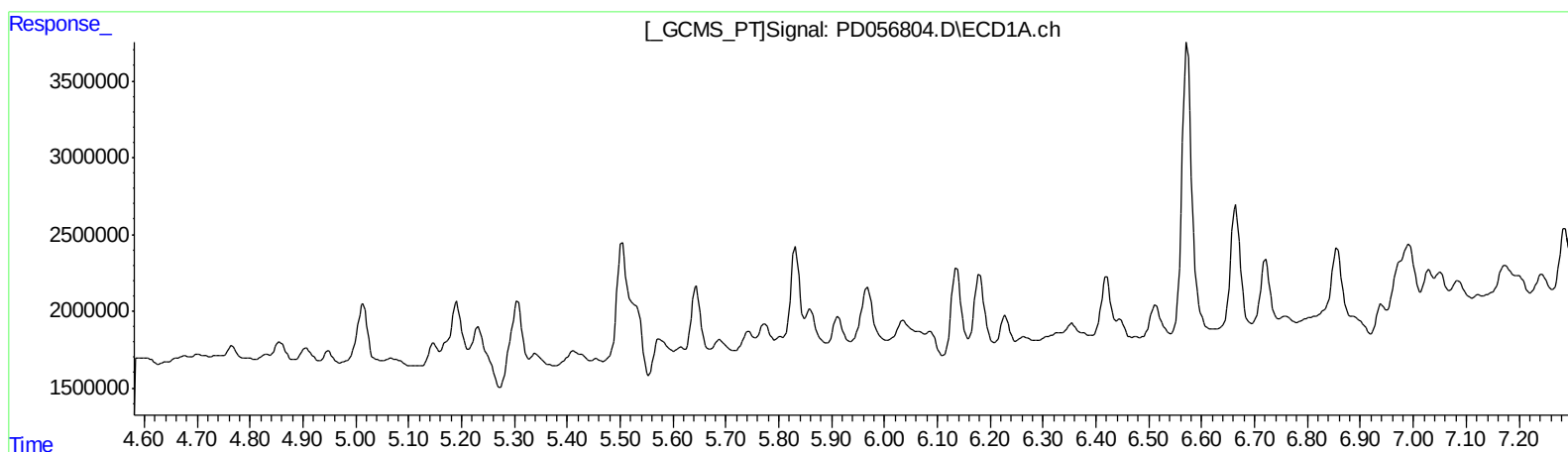
Instrument :
ECD_D
ClientSampleId :
C0C53

Manual Integrations
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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

(12) 4,4'-DDE (B)
0.000min 0.000 ng/ml
response 0

(12) 4,4'-DDE #2 (B)
6.281min 1.454 ng/ml
response 2282952

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
Data File : PD056804.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2019 14:52
Operator : SG\AJ
Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

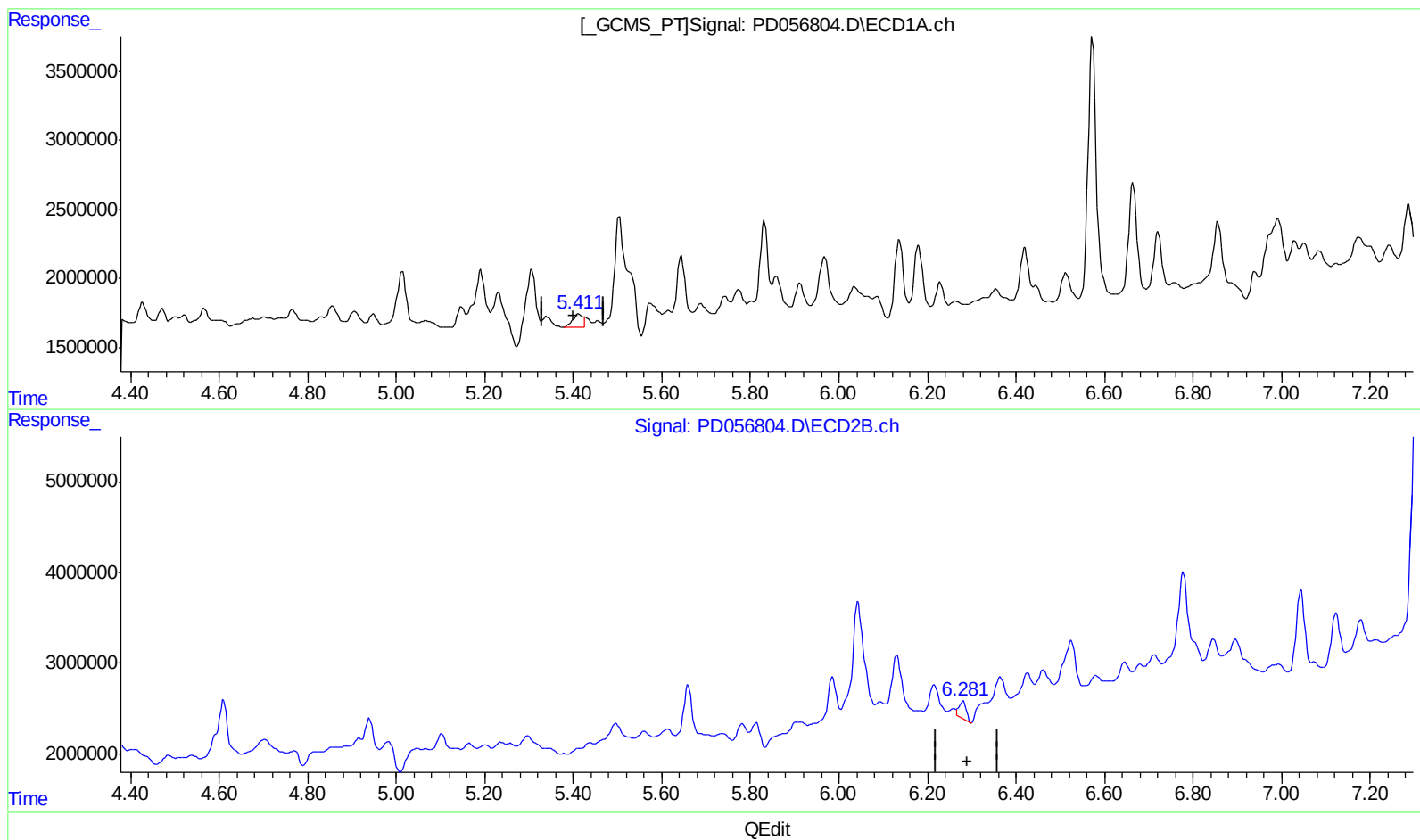
Instrument :
ECD_D
ClientSampleId :
C0C53

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\PD120219CLP.M
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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



(12) 4,4'-DDE (B)
5.411min 1.557 ng/ml m
response 1572644

(12) 4,4'-DDE #2 (B)
6.281min 1.454 ng/ml
response 2282952

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
Data File : PD056804.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2019 14:52
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Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

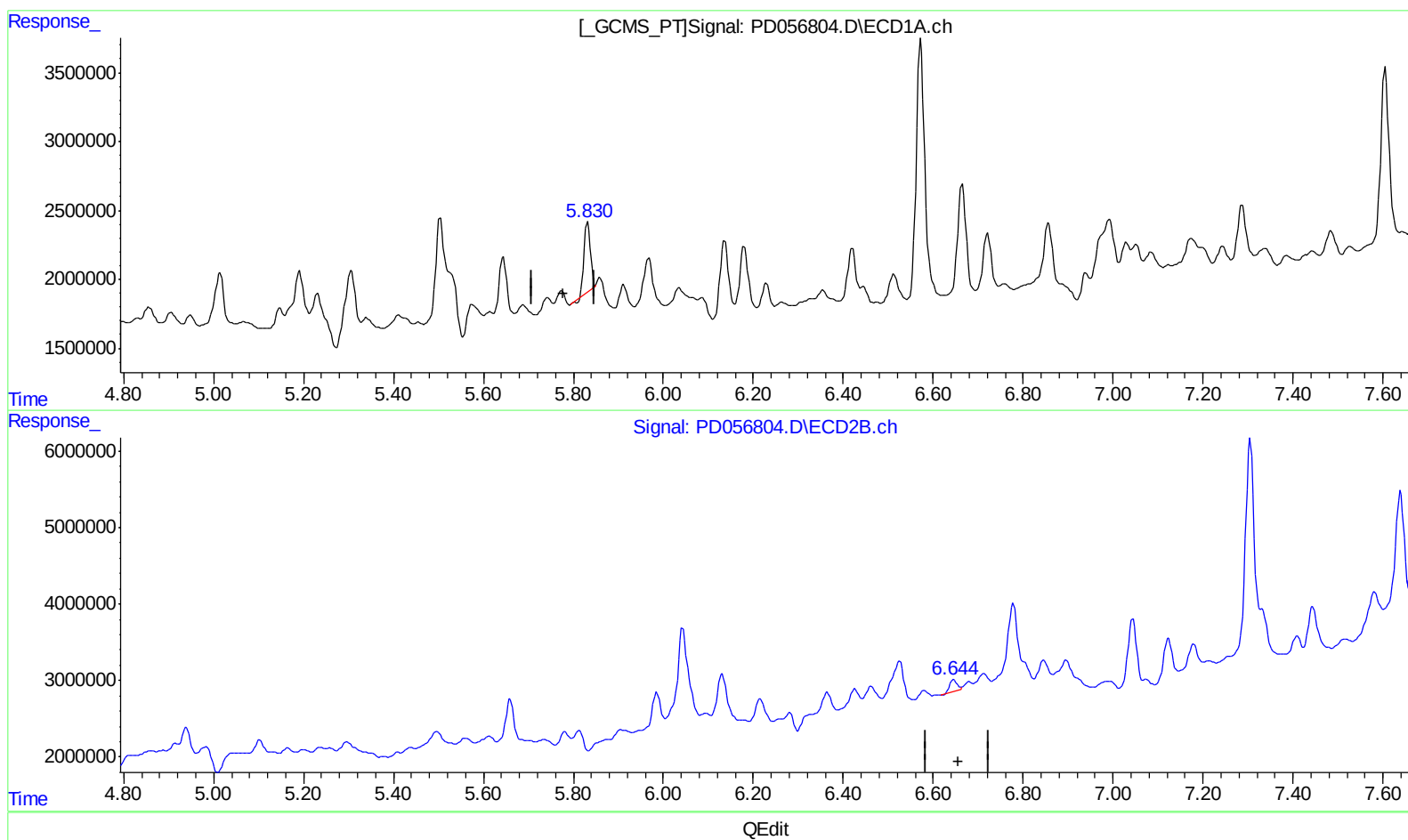
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ECD_D
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Manual Integrations
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #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



(14) Endrin (MA)

5.832min 5.723 ng/ml

response 4782827

(14) Endrin #2 (MA)

6.646min 1.362 ng/ml

response 1723247

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2019 14:52
Operator : SG\AJ
Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

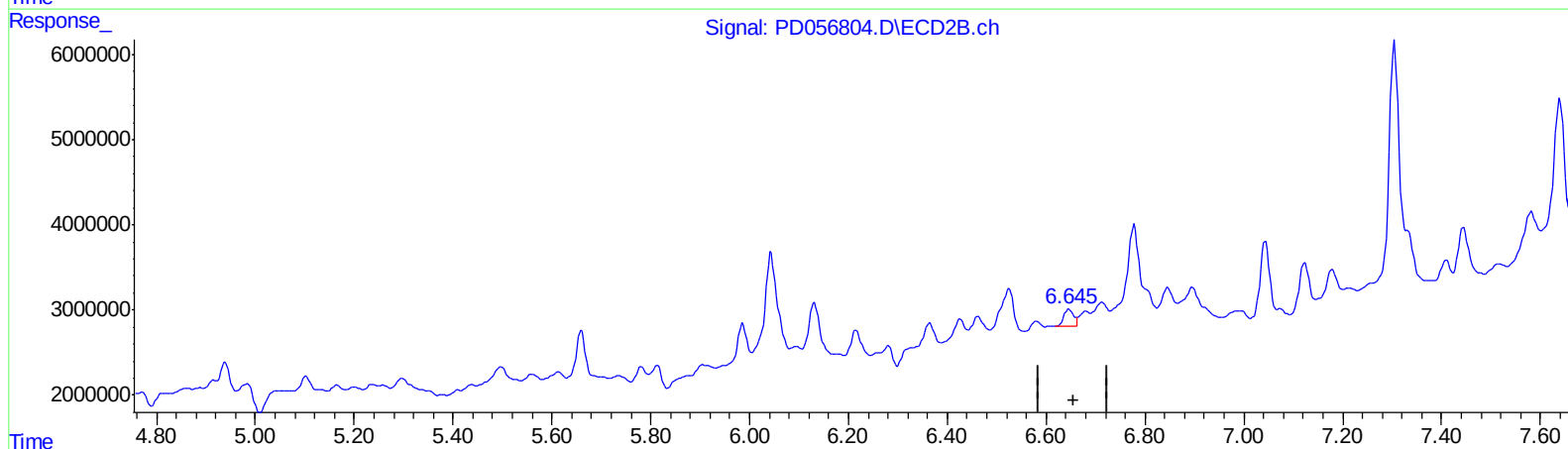
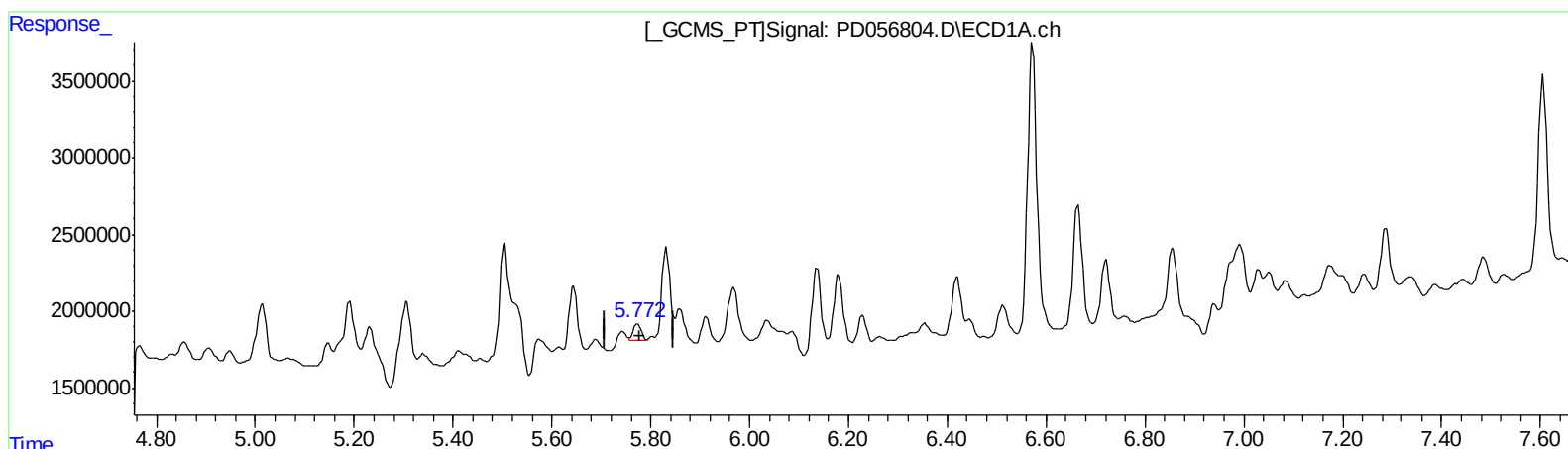
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(14) Endrin (MA)

5.772min 1.385 ng/ml m

response 1157265

(14) Endrin #2 (MA)

6.645min 2.205 ng/ml m

response 2790791

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

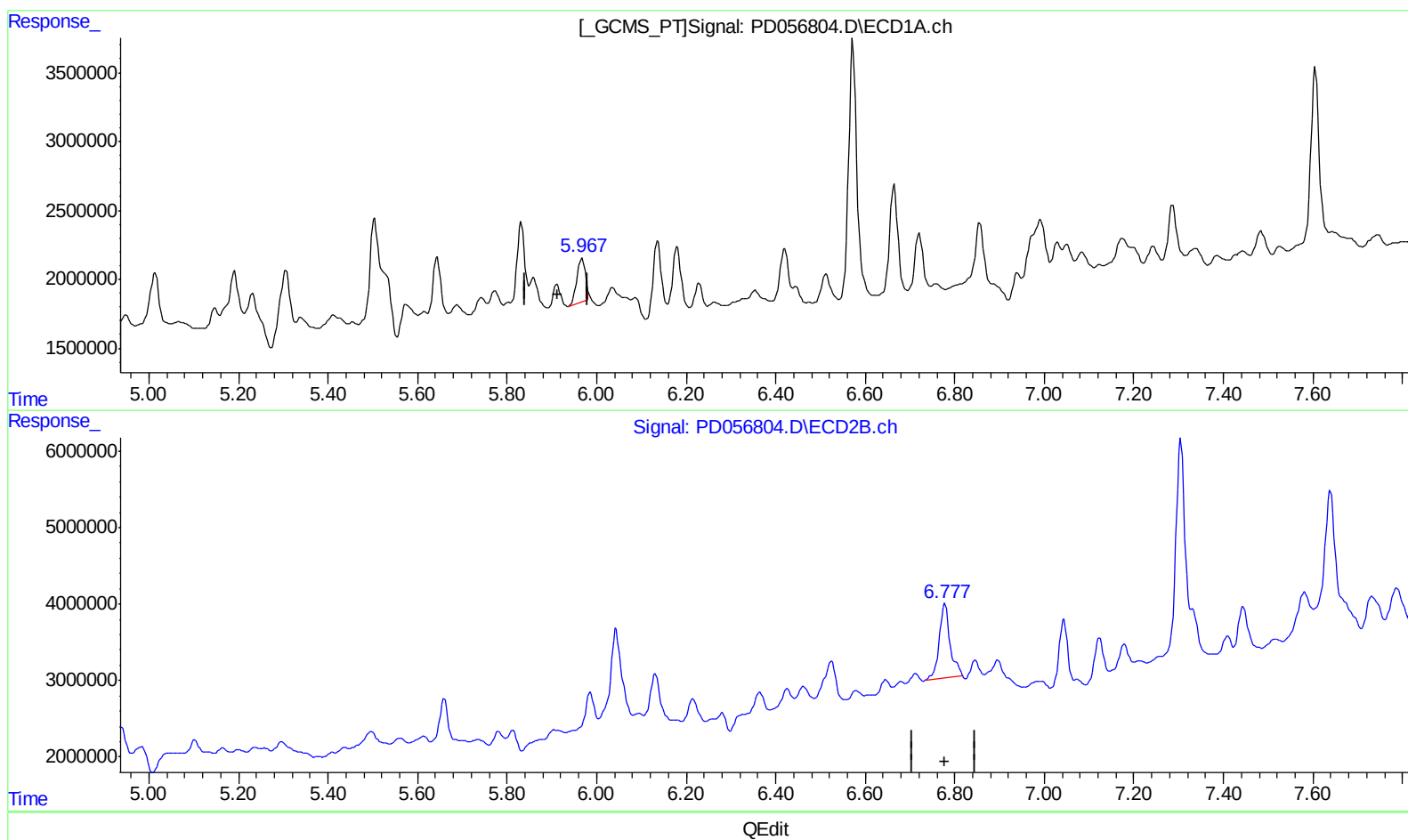
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Manual Integrations
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mohammad
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #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



(16) 4,4'-DDD (A)
5.968min 5.833 ng/ml
response 4151553

(16) 4,4'-DDD #2 (A)
6.778min 13.889 ng/ml
response 16344141

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
Data File : PD056804.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2019 14:52
Operator : SG\AJ
Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

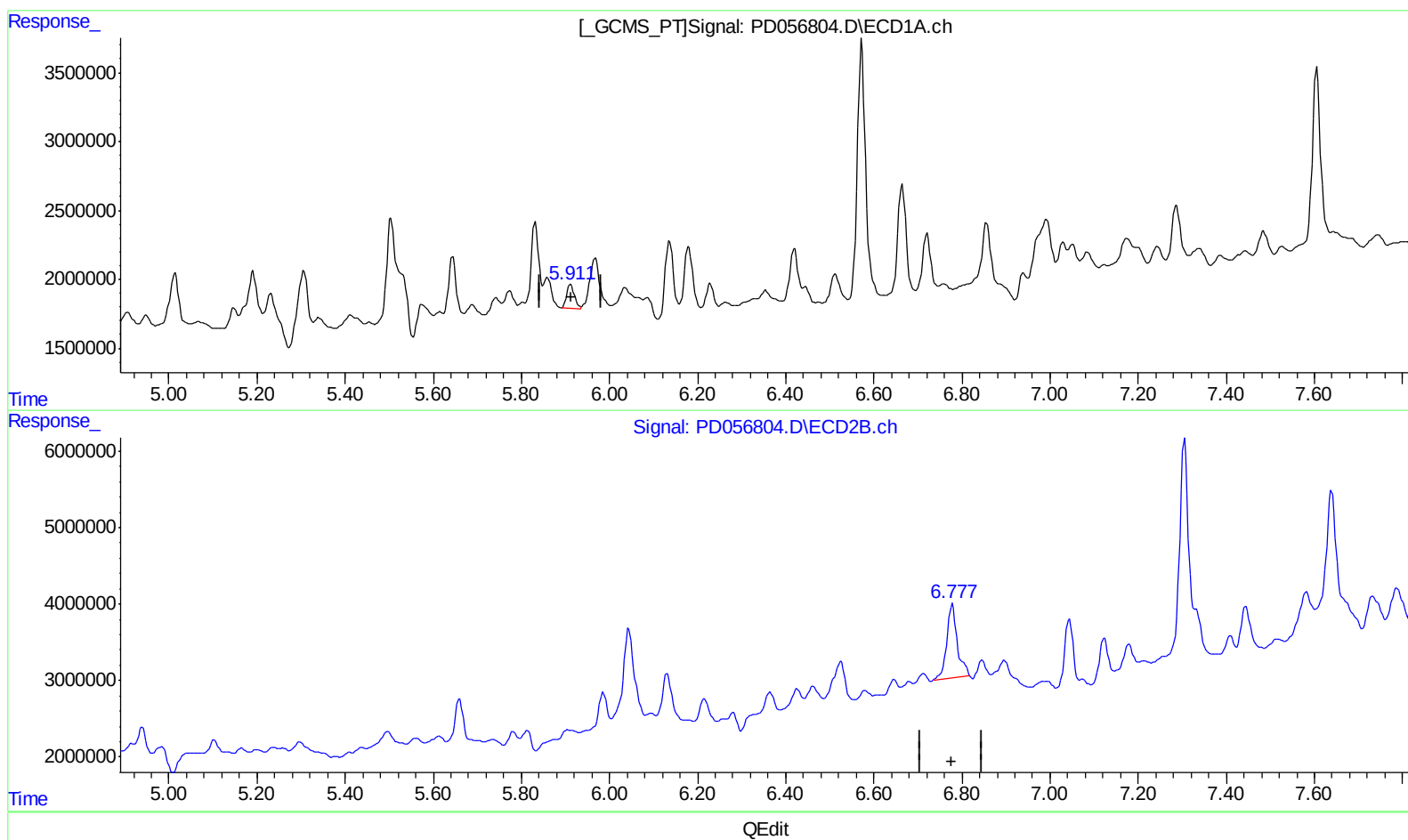
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ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

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



(16) 4,4'-DDD (A)
5.911min 2.907 ng/ml m
response 2069207

(16) 4,4'-DDD #2 (A)
6.778min 13.889 ng/ml
response 16344141

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
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Sample : K6278-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

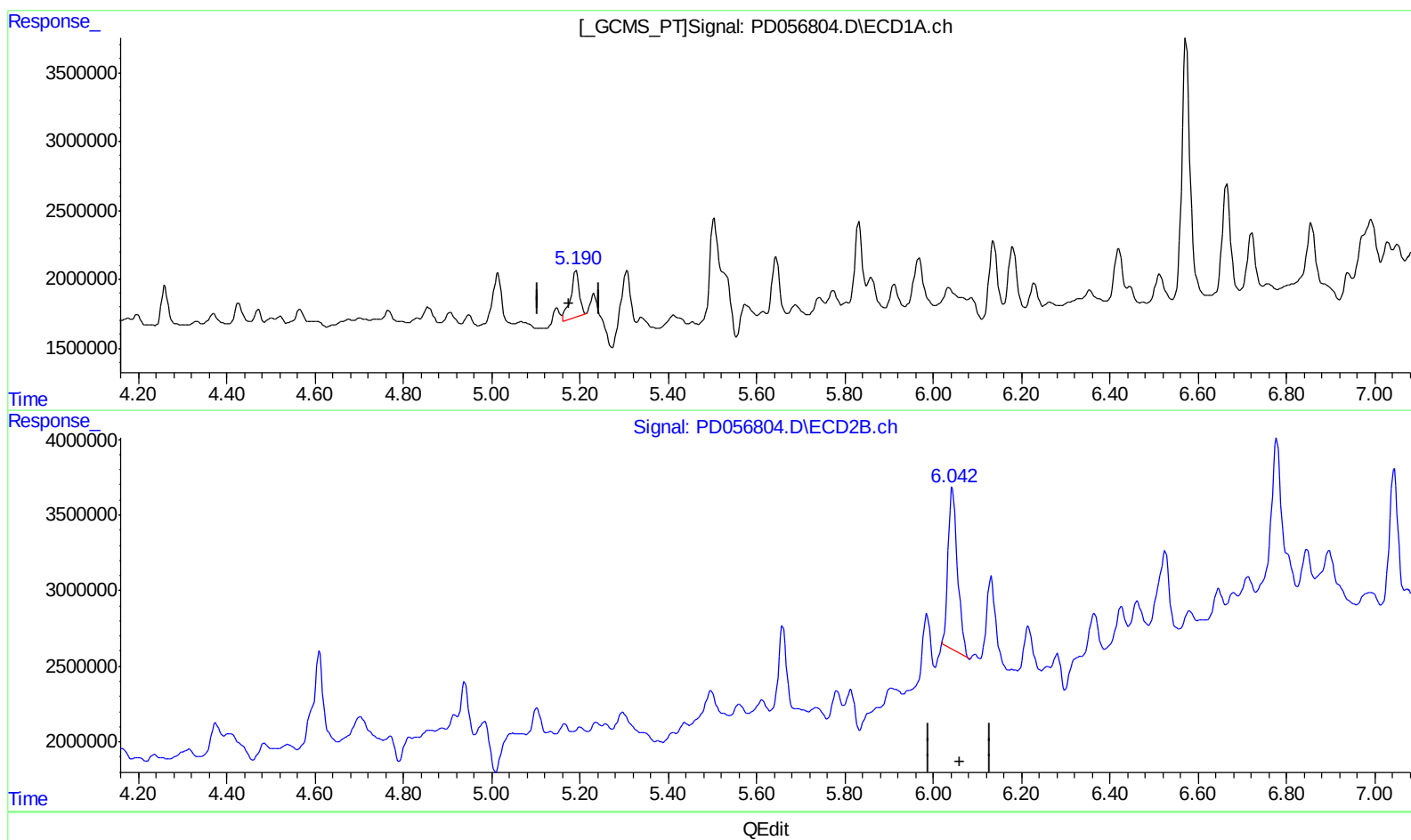
Instrument :
ECD_D
ClientSampleId :
C0C53

Manual Integrations
APPROVED

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1/2/2020 9:00:01 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 31 04:47:05 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120219CLP.M
Quant Title : GC Extractables
QLast Update : Tue Dec 03 08:51:13 2019
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)

5.191min 4.439 ng/ml

response 4653751

(10) trans-Chlordane #2 (B)

6.043min 9.613 ng/ml

response 15893966

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
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Sample : K6278-06
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ALS Vial : 13 Sample Multiplier: 1

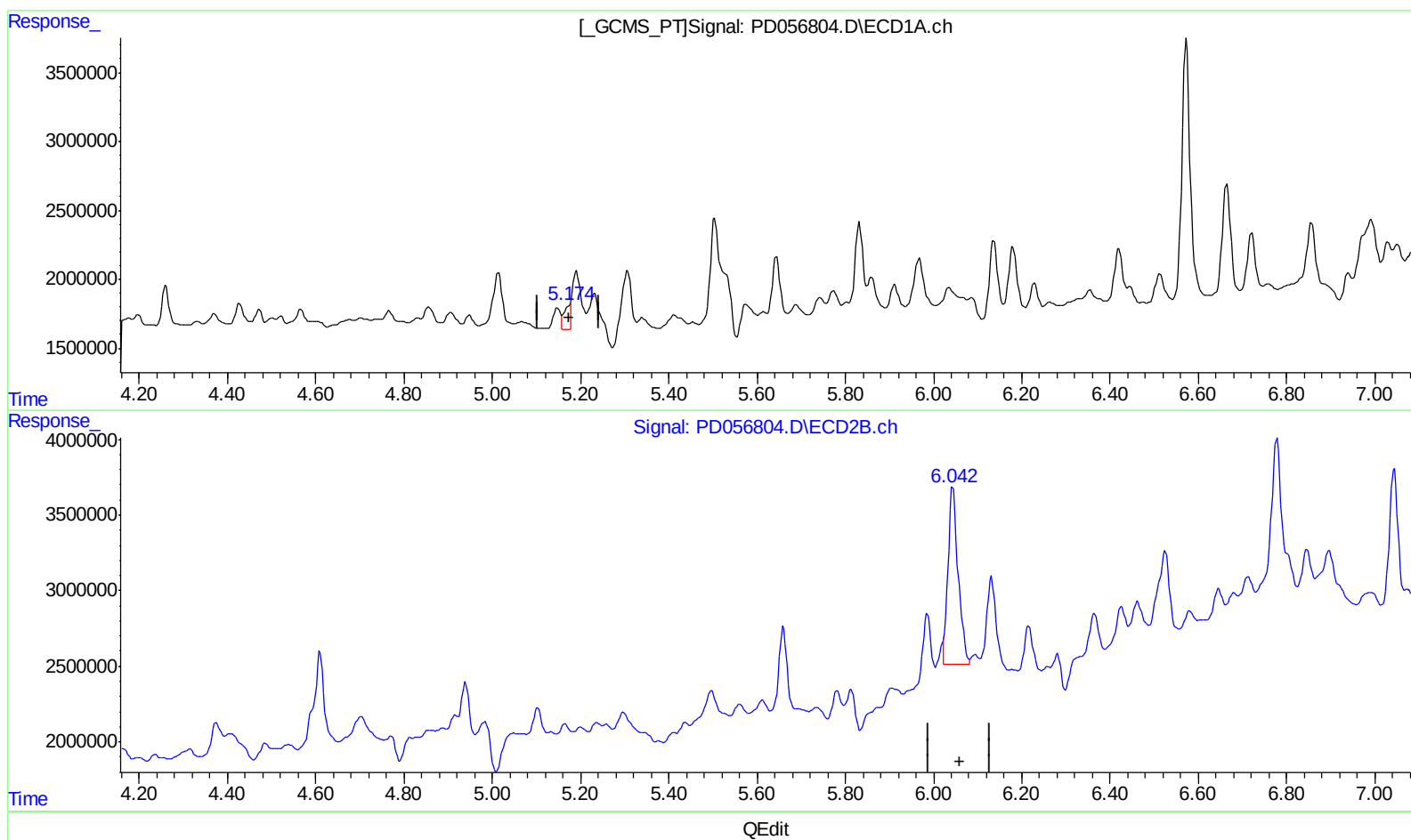
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Manual Integrations
APPROVED

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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



(10) trans-Chlordane (B)

5.174min 1.357 ng/ml m

response 1422195

(10) trans-Chlordane #2 (B)

6.042min 11.322 ng/ml m

response 18719934

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122719\
 Data File : PD056804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2019 14:52
 Operator : SG\AJ
 Sample : K6278-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0C53

Manual Integrations
 APPROVED

mohammad
 1/2/2020 9:00:01 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 22:42:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120219CLP.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 03 08:51:13 2019
 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...	3.285	3.959	10625822	12555137	12.830m	10.443m
27) SA Decachlor...	7.957	8.996	12297630	27496021	13.619	22.853m#
Target Compounds						
3) MA gamma-BHC...	3.993	4.609	4734878	7568664	4.217	4.690m
10) B trans-Chl...	5.174	6.042	1422195	18719934	1.357m	11.322m#
11) B cis-Chlor...	5.230	6.130	3055099	8037749	2.992m	4.988m#
12) B 4,4'-DDE	5.411	6.281	1572644	2282952	1.557m	1.454
14) MA Endrin	5.772	6.645	1157265	2790791	1.385m	2.205m#
16) A 4,4'-DDD	5.911	6.778	2069207	16344141	2.907m	13.889 #

AJ
 12/31/19

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