

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
Data File : PD057104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 14:39
Operator : AJ\MA
Sample : L1300-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

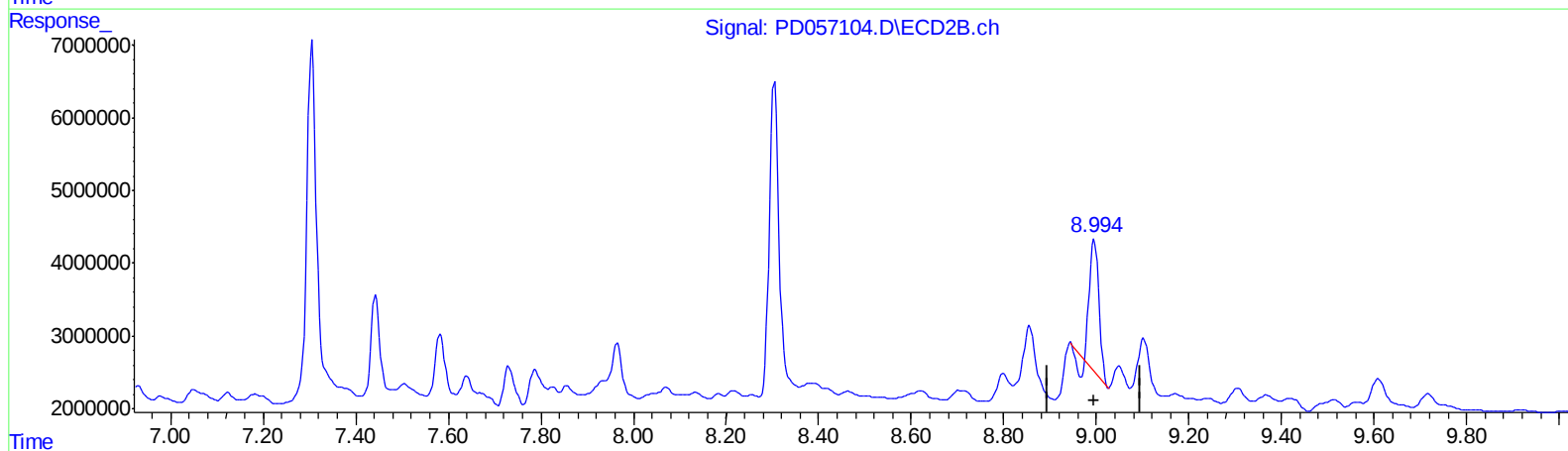
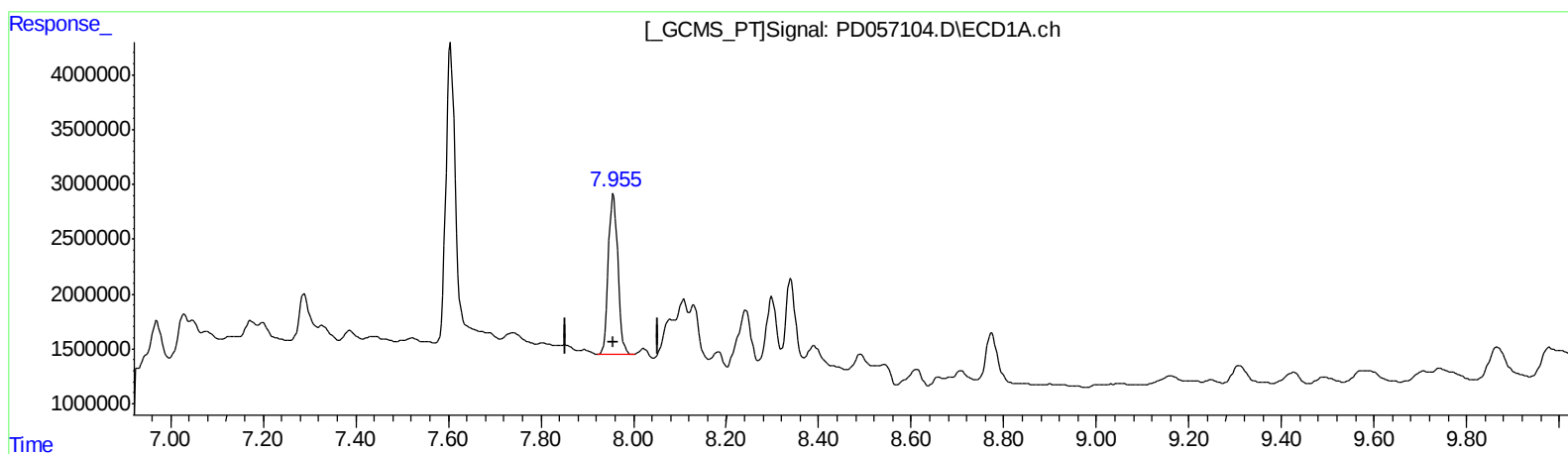
Instrument :
ECD_D
ClientSampleId :
C5AR6

Manual Integrations
APPROVED

mohammad
2/3/2020 2:23:05 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 23:56:19 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012320CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jan 24 08:33:42 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

(27) Decachlorobiphenyl (SA)

7.957min 19.089 ng/ml

response 20781842

(27) Decachlorobiphenyl #2 (SA)

8.996min 12.814 ng/ml

response 23946937

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Acq On : 31 Jan 2020 14:39
Operator : AJ\MA
Sample : L1300-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

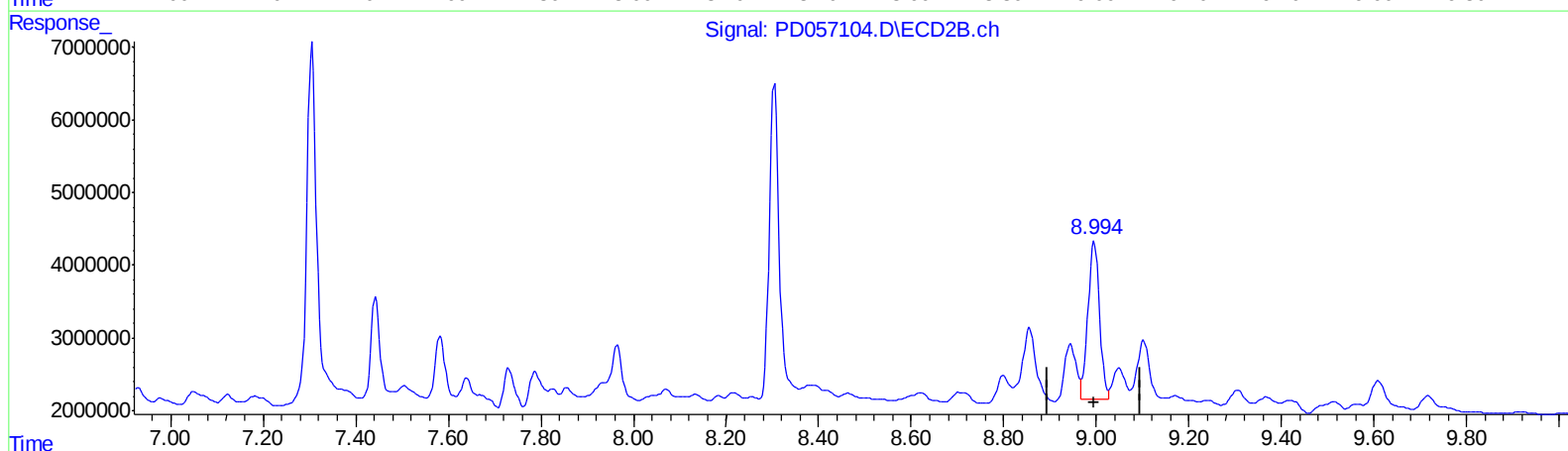
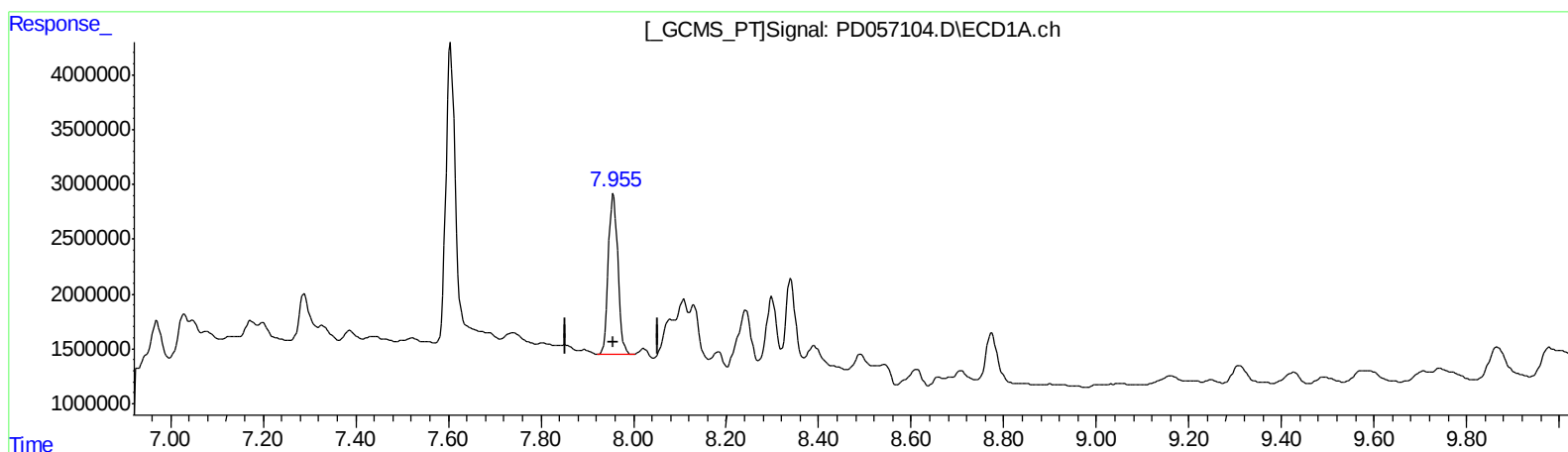
Instrument :
ECD_D
ClientSampleId :
C5AR6

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



QEdit

(27) Decachlorobiphenyl (SA)

7.957min 19.089 ng/ml

response 20781842

(27) Decachlorobiphenyl #2 (SA)

8.994min 20.328 ng/ml m

response 37987681

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
Data File : PD057104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AJ\MA
Sample : L1300-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

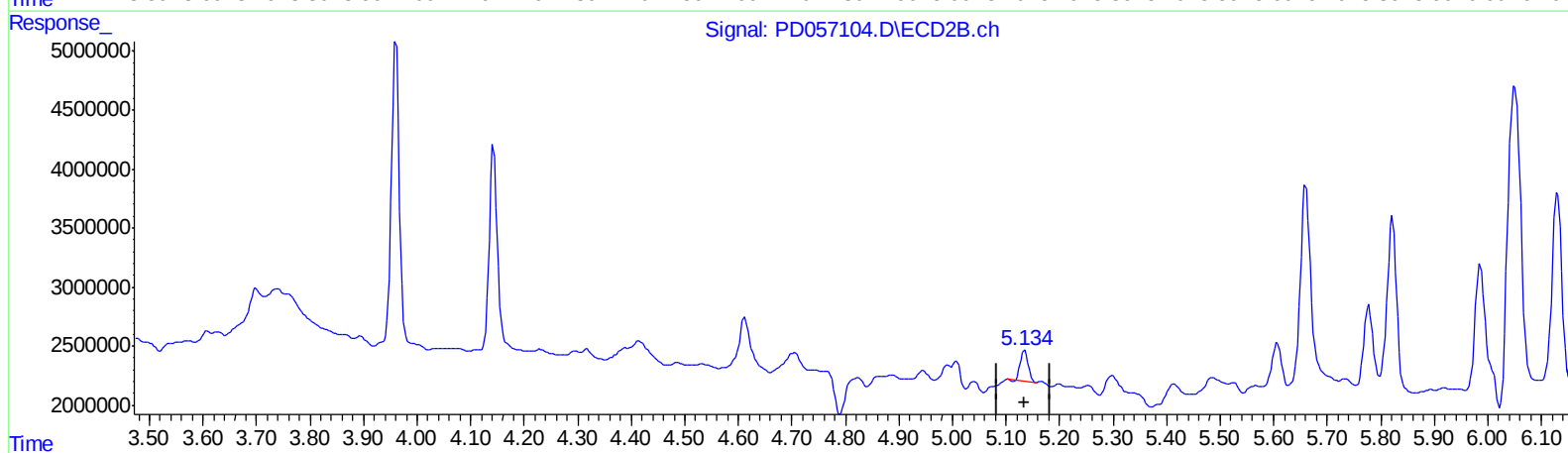
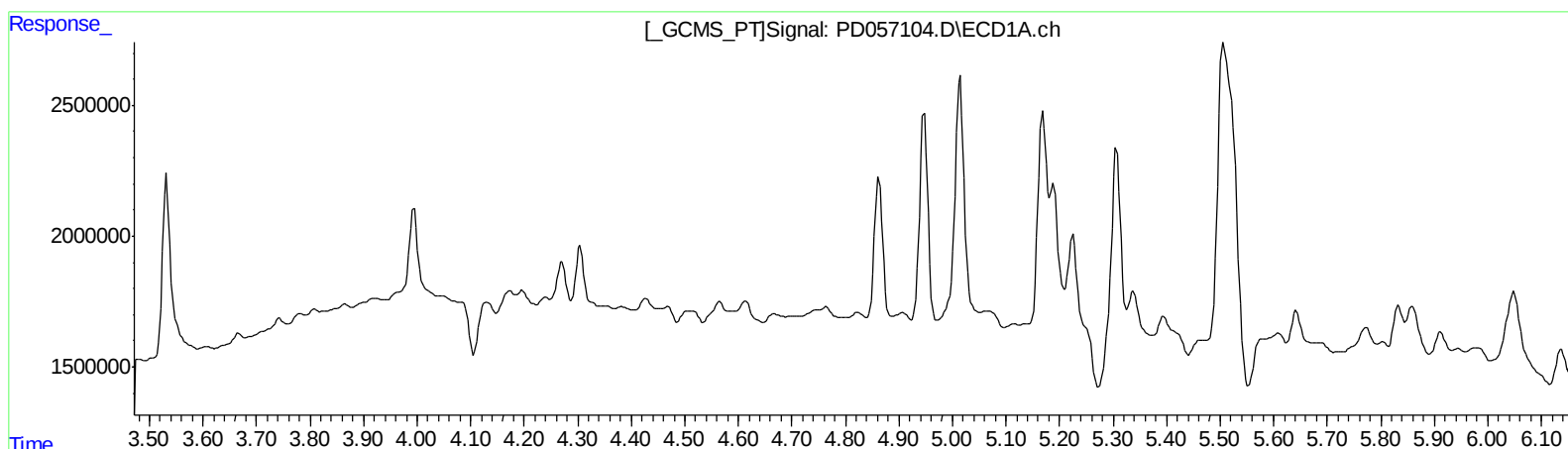
Instrument :
ECD_D
ClientSampleId :
C5AR6

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

(4) Heptachlor (MA)
0.000min 0.000 ng/ml
response 0

(4) Heptachlor #2 (MA)
5.135min 0.992 ng/ml
response 2606866

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 14:39
Operator : AJ\MA
Sample : L1300-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

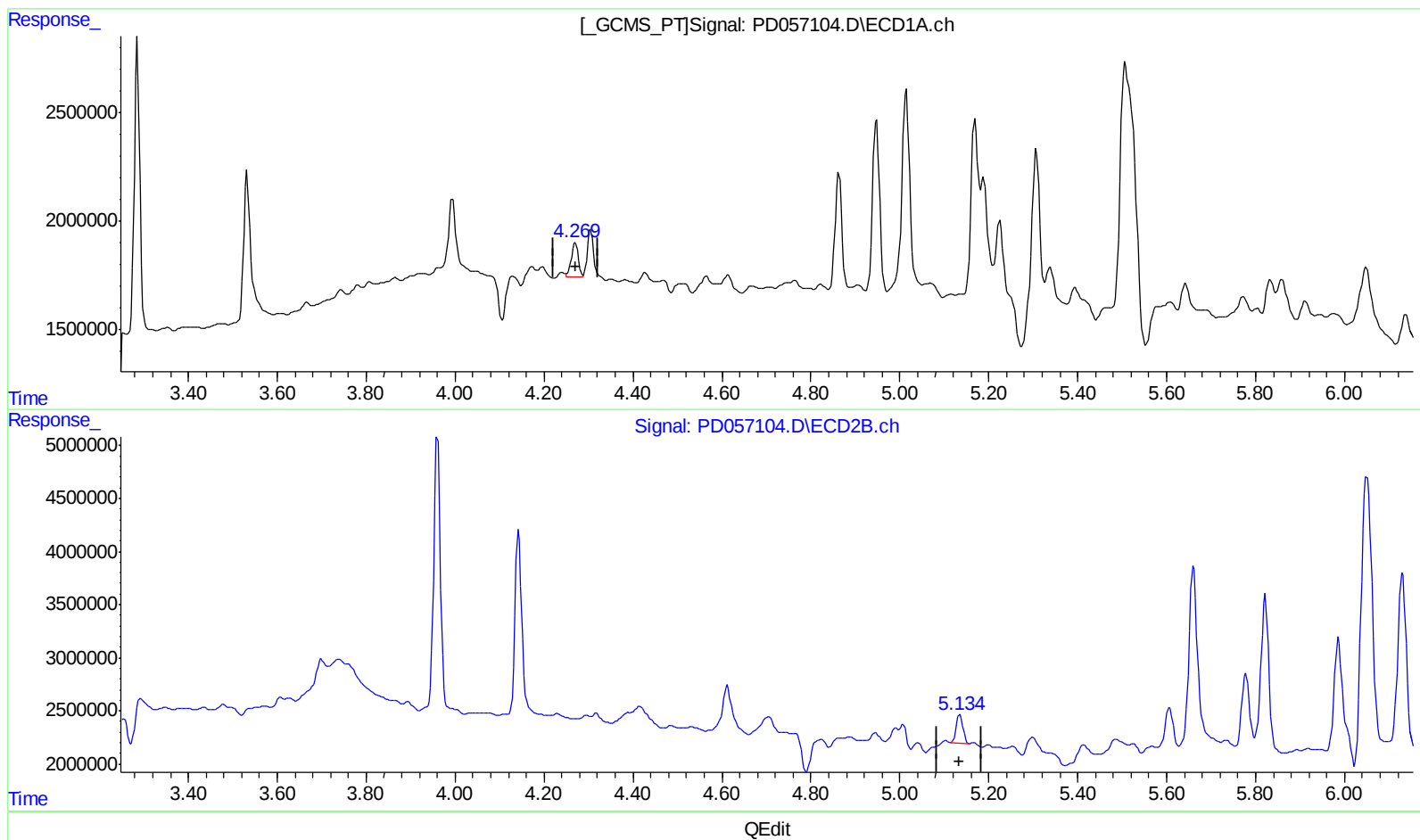
Instrument :
ECD_D
ClientSampleId :
C5AR6

Manual Integrations
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Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
QLast Update : Fri Jan 24 08:33:42 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)
4.269min 1.417 ng/ml m
response 1742312

(4) Heptachlor #2 (MA)
5.134min 1.068 ng/ml m
response 2806668

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 14:39
Operator : AJ\MA
Sample : L1300-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

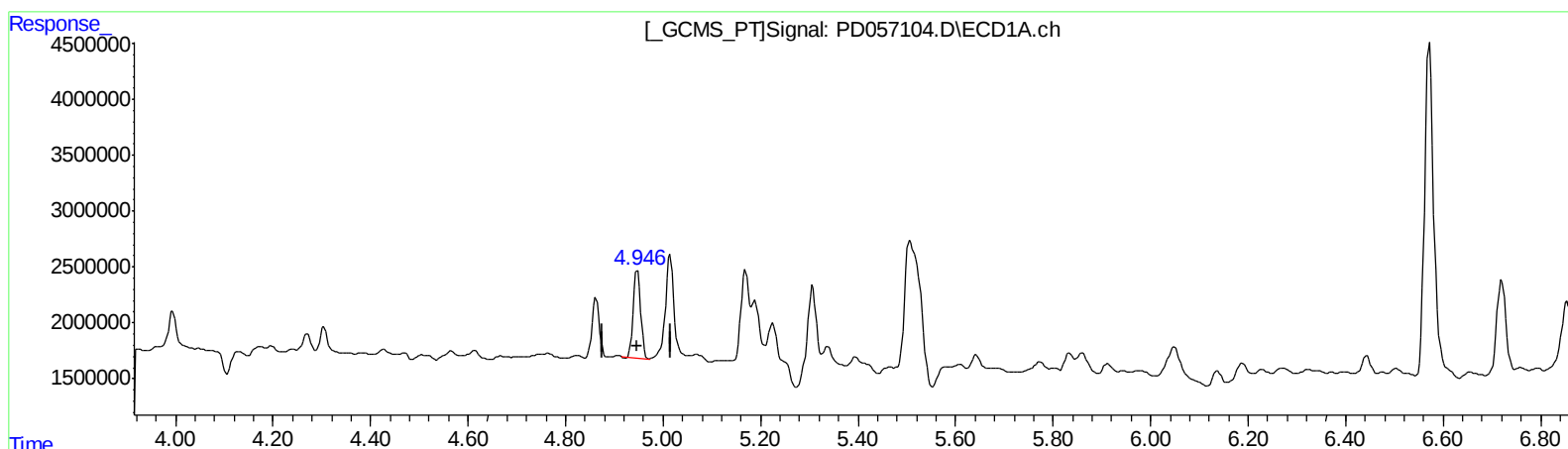
Instrument :
ECD_D
ClientSampleId :
C5AR6

Manual Integrations
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Integration File signal 1: autoint1.e
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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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(8) Heptachlor epoxide (B)

4.947min 7.454 ng/ml

response 8268299

(8) Heptachlor epoxide #2 (B)

5.822min 4.786 ng/ml

response 10321886

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 14:39
Operator : AJ\MA
Sample : L1300-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

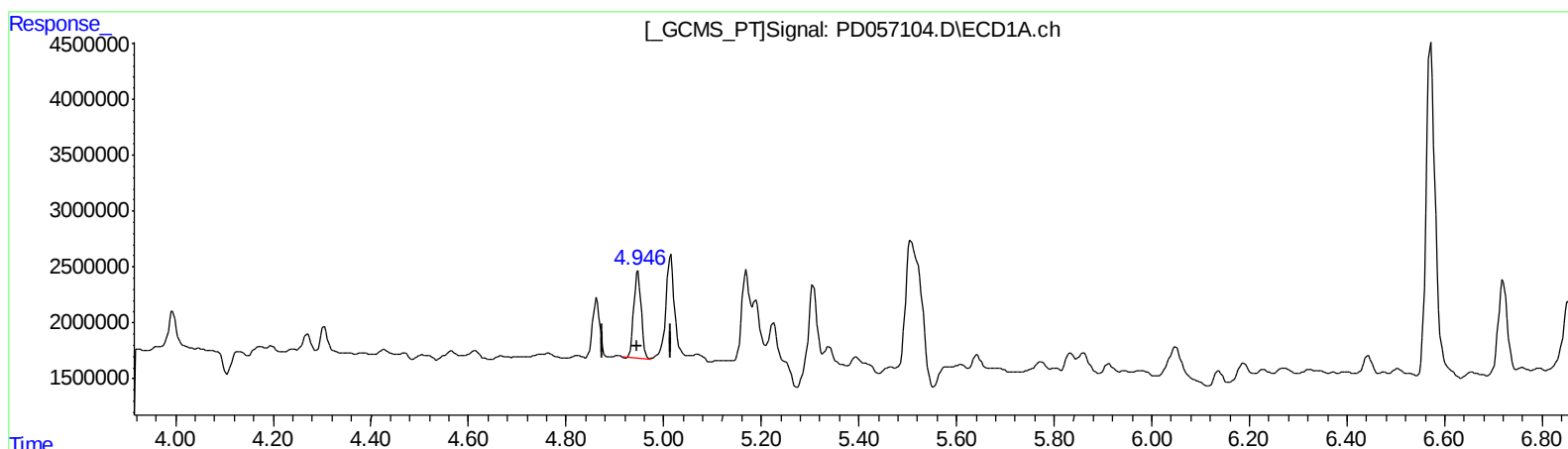
Instrument :
ECD_D
ClientSampled :
C5AR6

Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 23:56:19 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012320CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jan 24 08:33:42 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)

4.947min 7.454 ng/ml

response 8268299

(8) Heptachlor epoxide #2 (B)

5.821min 8.321 ng/ml m

response 17947183

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
Data File : PD057104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 14:39
Operator : AJ\MA
Sample : L1300-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

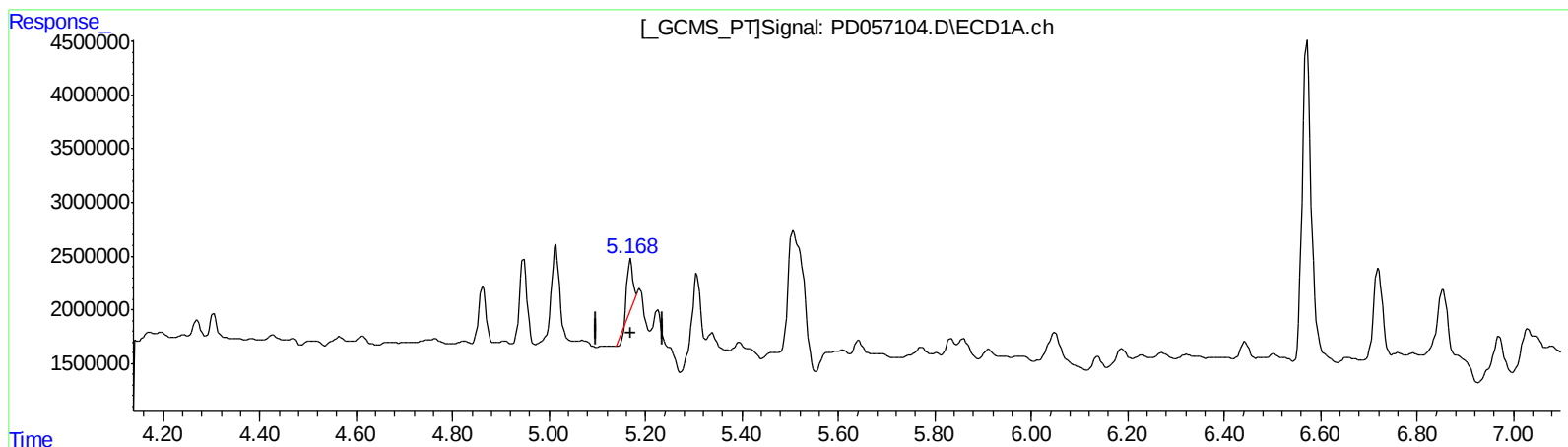
Instrument :
ECD_D
ClientSampleId :
C5AR6

Manual Integrations
APPROVED

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Integration File signal 1: autoint1.e
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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



(10) trans-Chlordane (B)

5.169min 2.706 ng/ml

response 3051221

(10) trans-Chlordane #2 (B)

6.051min 16.228 ng/ml

response 38128995

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 14:39
Operator : AJ\MA
Sample : L1300-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

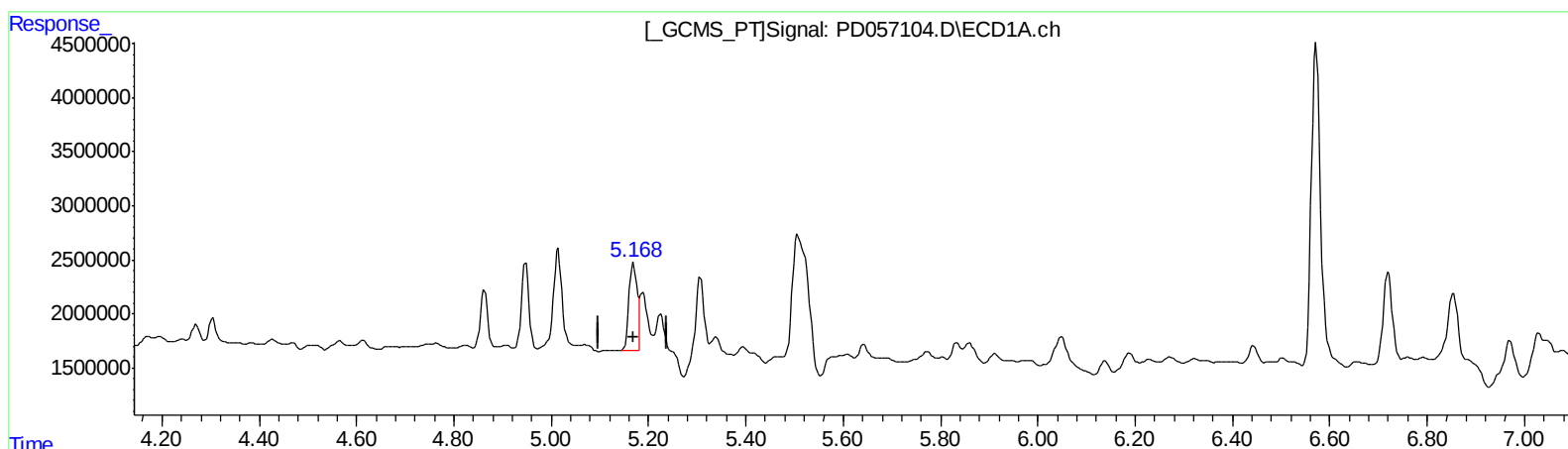
Instrument :
ECD_D
ClientSampleId :
C5AR6

Manual Integrations
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Integration File signal 1: autoint1.e
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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



(10) trans-Chlordane (B)

5.168min 7.877 ng/ml m

response 8881580

(10) trans-Chlordane #2 (B)

6.049min 19.115 ng/ml m

response 44912087

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
Data File : PD057104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 14:39
Operator : AJ\MA
Sample : L1300-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

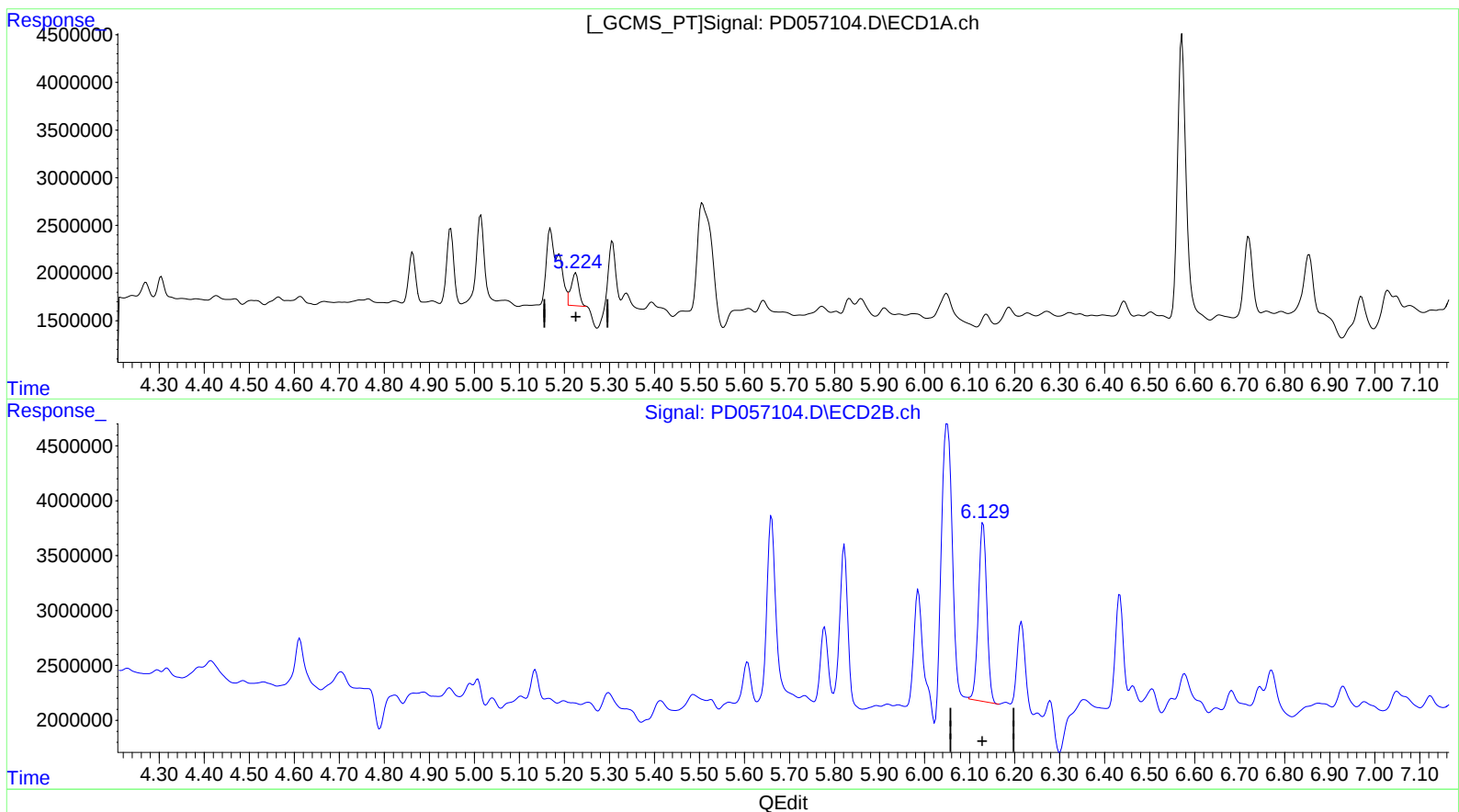
Instrument :
ECD_D
ClientSampleId :
C5AR6

Manual Integrations
APPROVED

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 23:56:19 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012320CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jan 24 08:33:42 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(11) cis-Chlordane (B)
5.224min 3.605 ng/ml m
response 4095674

(11) cis-Chlordane #2 (B)
6.130min 8.900 ng/ml
response 20976337

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
Data File : PD057104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2020 14:39
Operator : AJ\MA
Sample : L1300-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

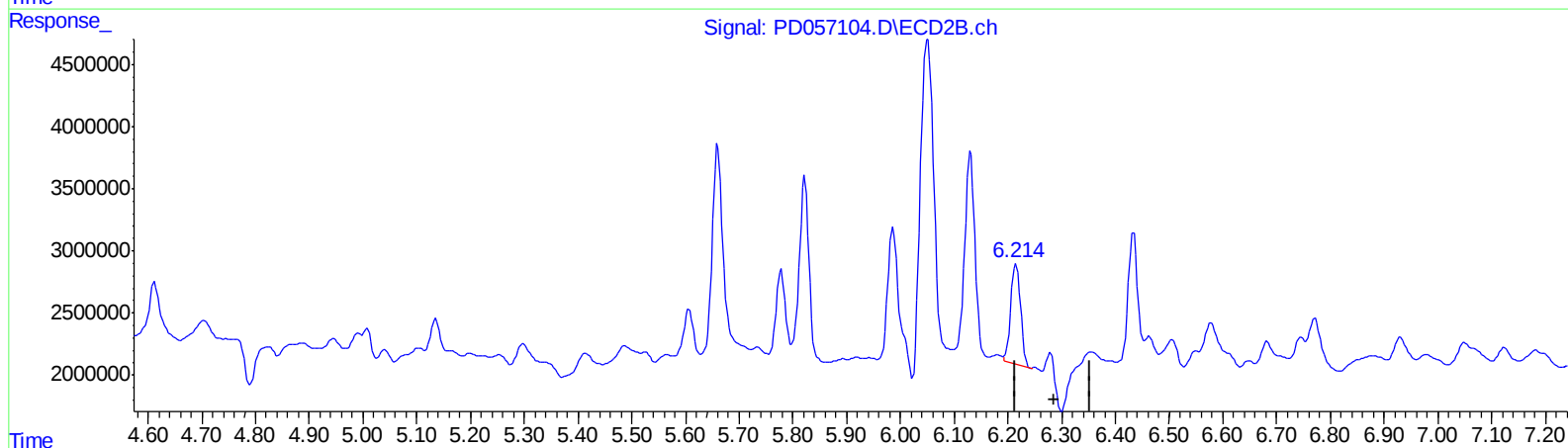
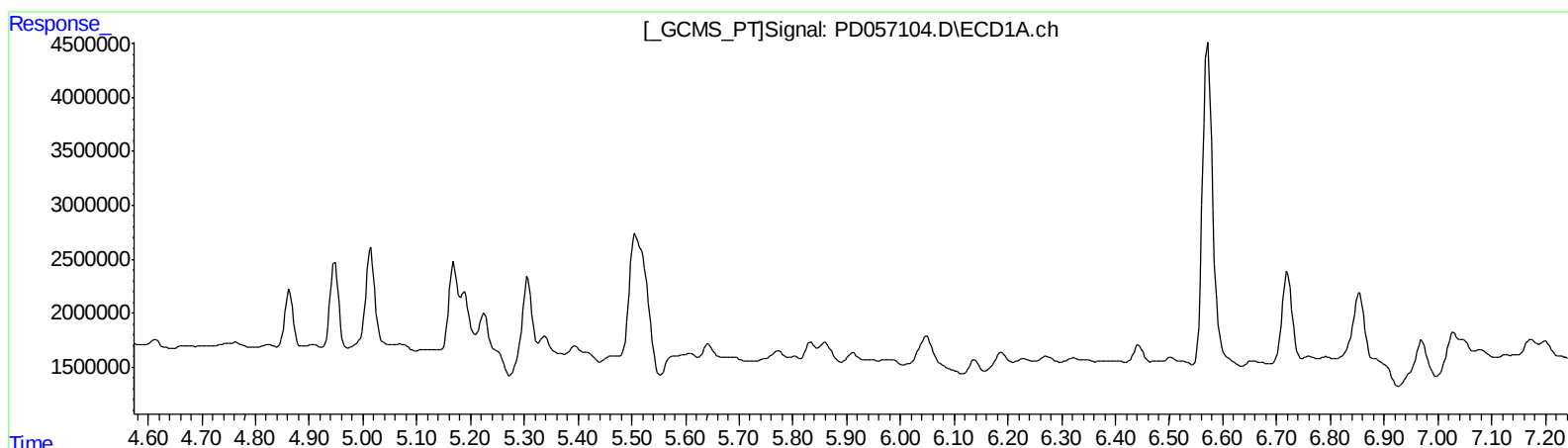
Instrument :
ECD_D
ClientSampleId :
C5AR6

Manual Integrations
APPROVED

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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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

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

(12) 4,4'-DDE #2 (B)
6.215min 4.652 ng/ml
response 10277958

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AJ\MA
Sample : L1300-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

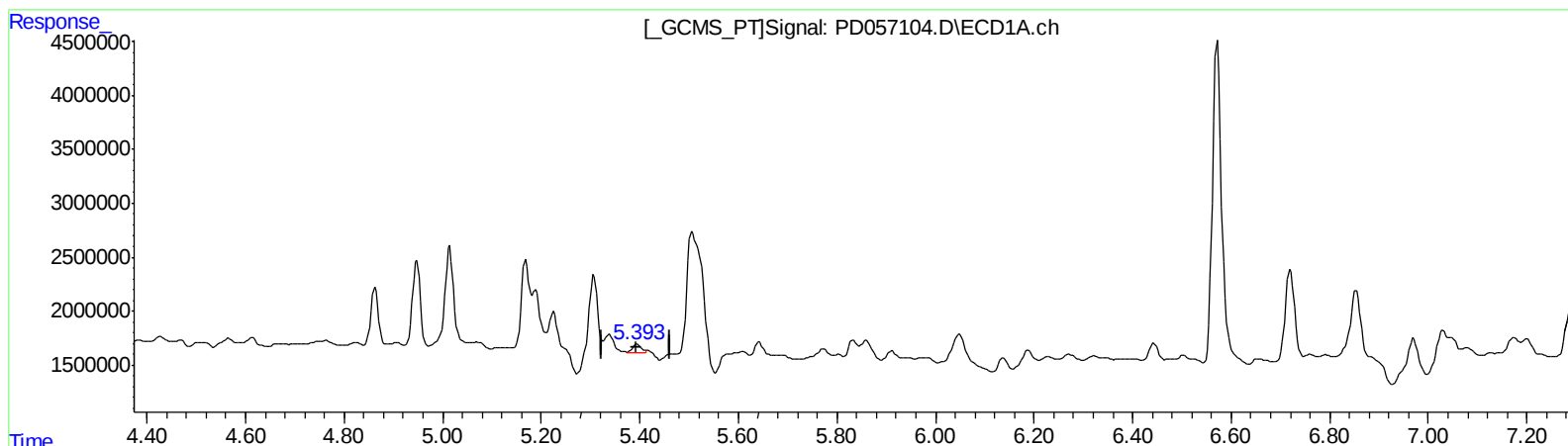
Instrument :
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ClientSampleId :
C5AR6

Manual Integrations
APPROVED

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2/3/2020 2:23:05 PM

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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(12) 4,4'-DDE (B)

5.393min 0.770 ng/ml m

response 868243

(12) 4,4'-DDE #2 (B)

6.278min 0.729 ng/ml m

response 1611451

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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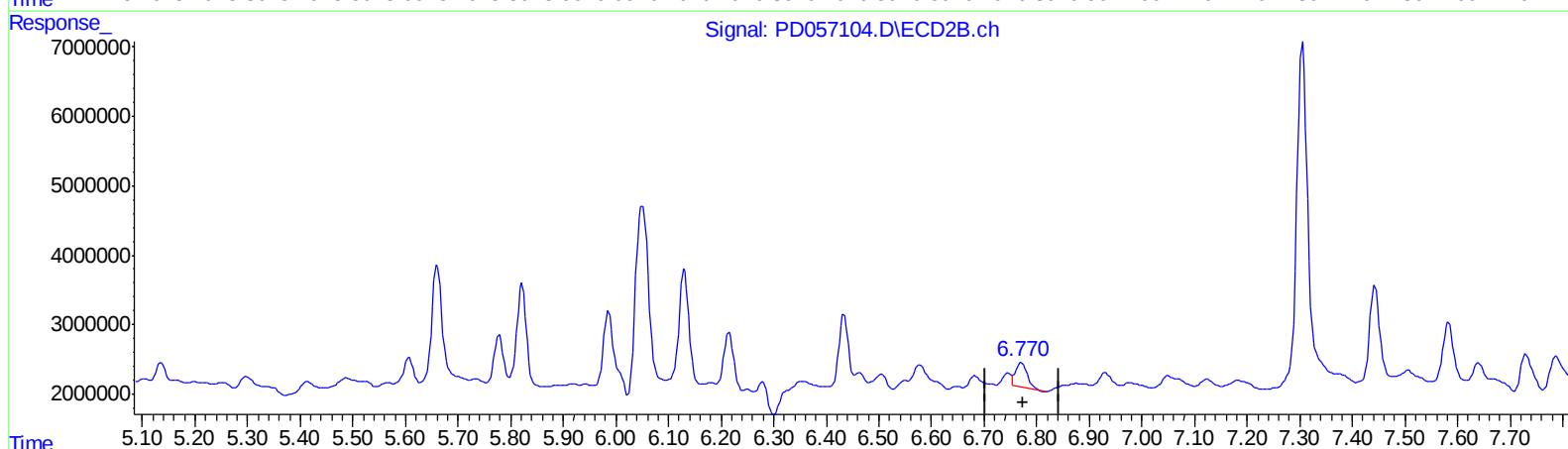
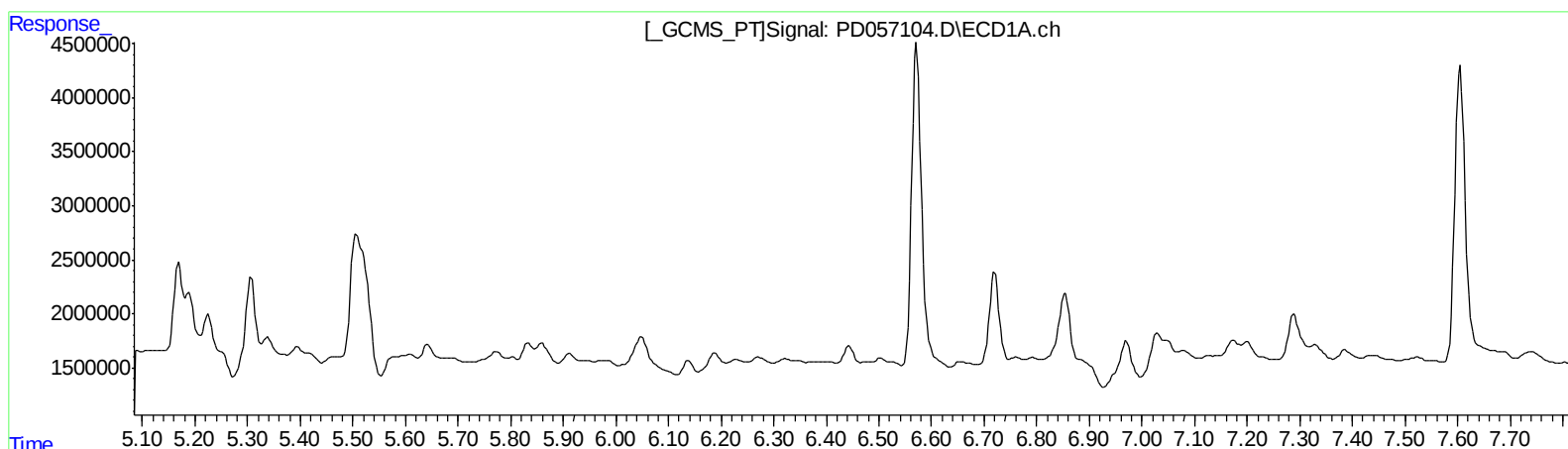
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Manual Integrations
APPROVED

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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



QEdit

(16) 4,4'-DDD (A)
0.000min 0.000 ng/ml
response 0

(16) 4,4'-DDD #2 (A)
6.771min 3.014 ng/ml
response 5566817

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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Operator : AJ\MA
Sample : L1300-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

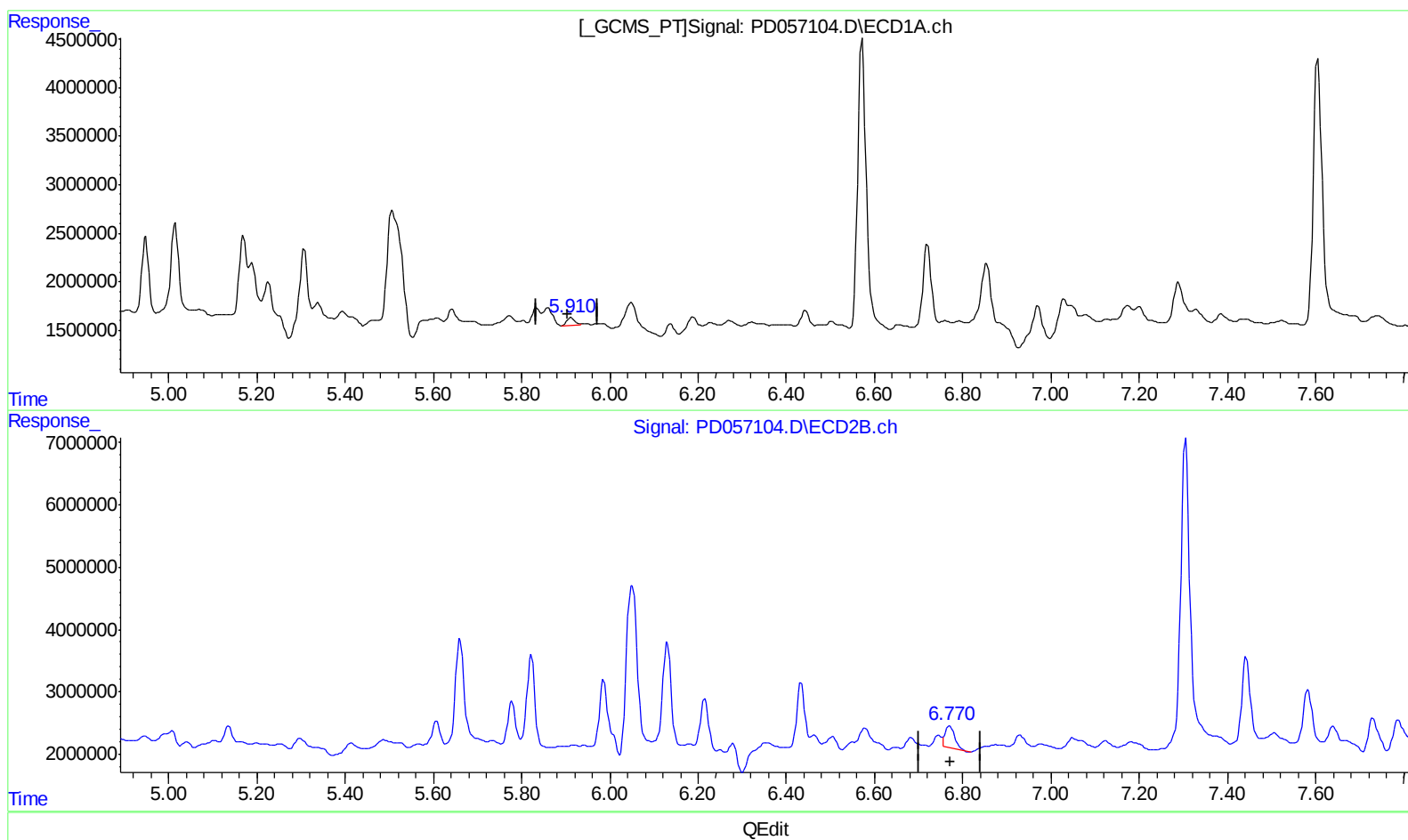
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

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)
5.910min 1.234 ng/ml m
response 1093972

(16) 4,4'-DDD #2 (A)
6.771min 3.014 ng/ml
response 5566817

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD013120\
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C5AR6

Manual Integrations
 APPROVED

mohammad
 2/3/2020 2:23:05 PM

Integration File signal 1: autoint1.e
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 QLast Update : Fri Jan 24 08:33:42 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 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	3.960	11951877	25742362	13.219	13.911
27) SA Decachlor...	7.957	8.994	20781842	37987681	19.089	20.328m
Target Compounds						
4) MA Heptachlor	4.269	5.134	1742312	2806668	1.417m	1.068m
8) B Heptachlo...	4.947	5.821	8268299	17947183	7.454	8.321m
10) B trans-Chl...	5.168	6.049	8881580	44912087	7.877m	19.115m#
11) B cis-Chlor...	5.224	6.130	4095674	20976337	3.605m	8.900 #
12) B 4,4'-DDE	5.393	6.278	868243	1611451	0.770m	0.729m
16) A 4,4'-DDD	5.910	6.771	1093972	5566817	1.234m	3.014 #

SJ
 02/05/20

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