

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
Data File : PD063851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 2021 10:11
Operator : AR\AJ
Sample : M2618-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

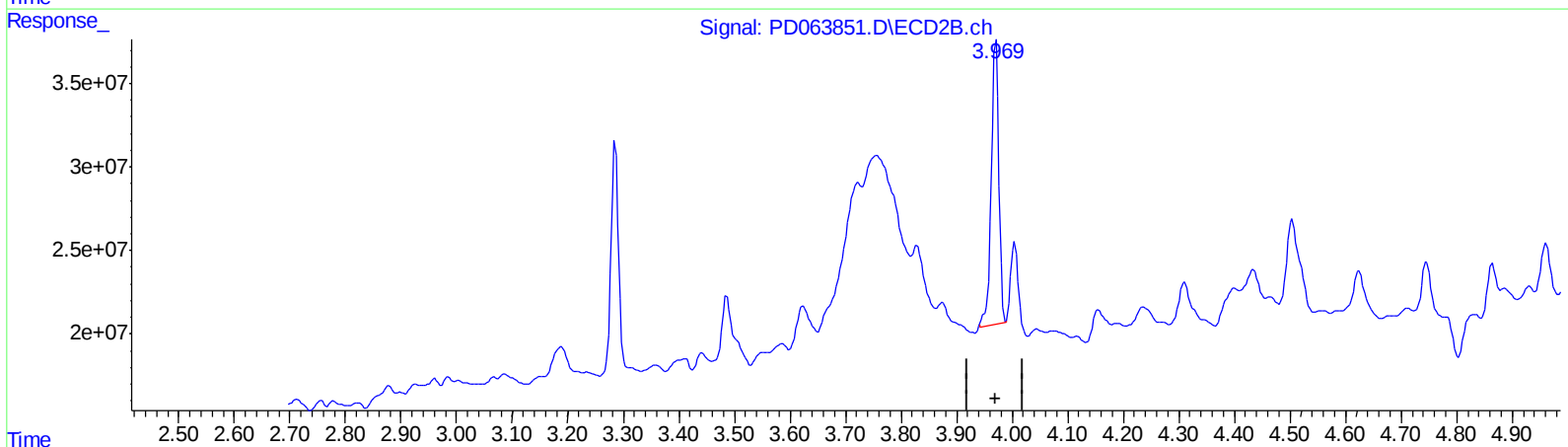
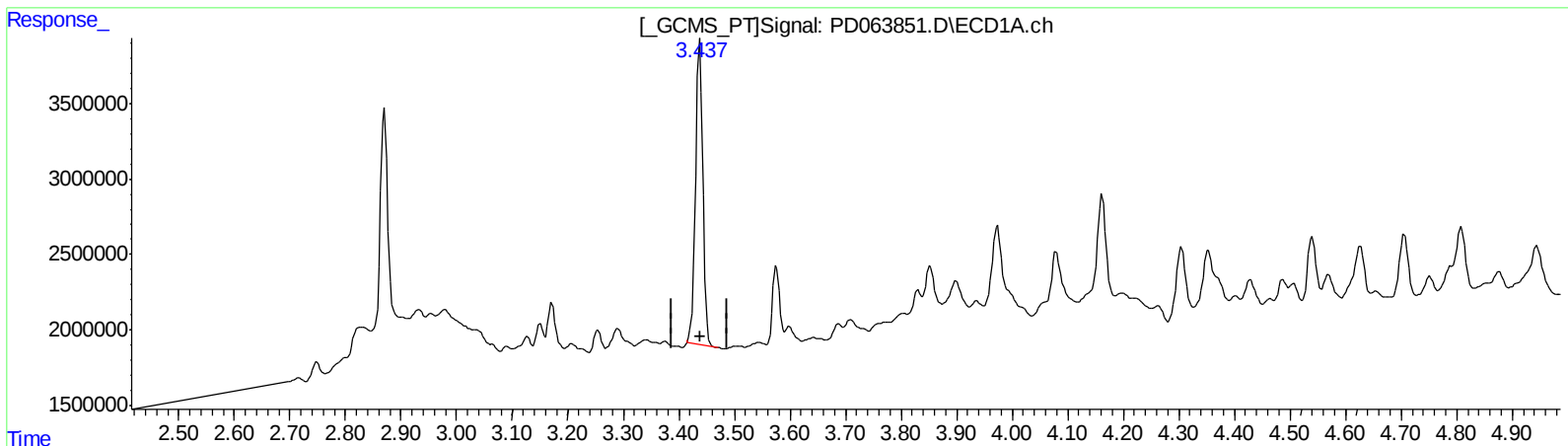
Instrument :
ECD_D
ClientSampled :
BG5S6

Manual Integrations
APPROVED

Ankita
6/18/2021 9:03:07 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 02:16:12 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061421CLP.M
Quant Title : GC Extractables
QLast Update : Tue Jun 15 03:10:50 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

(1) Tetrachloro-m-xylene (SA)

3.438min 11.611 ng/ml

response 18050007

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

3.971min 10.512 ng/ml

response 166481581

(+) = Expected Retention Time

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Sample : M2618-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

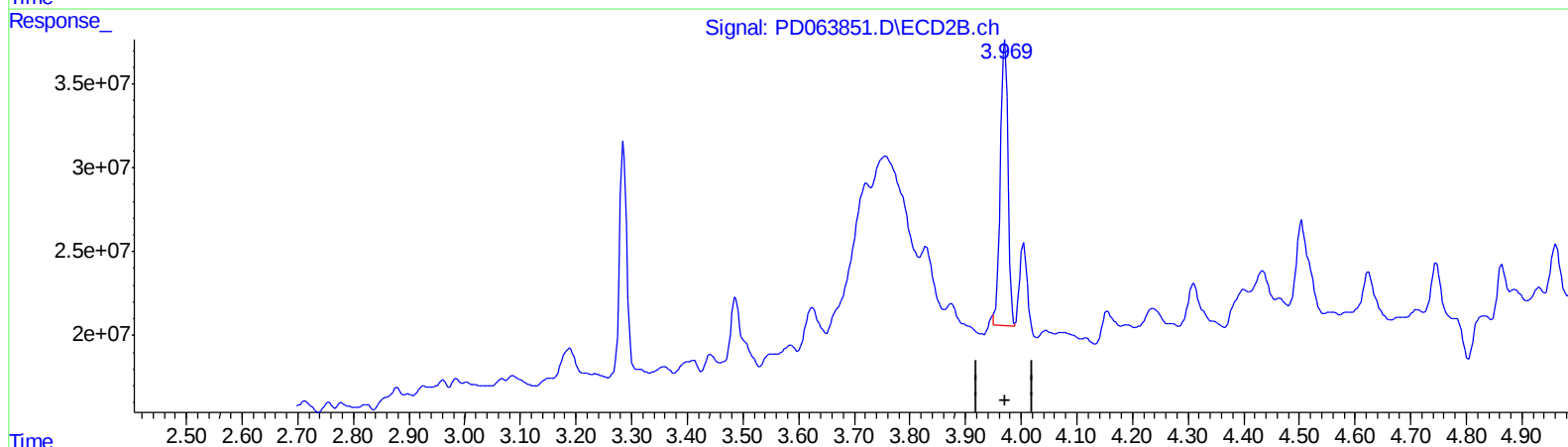
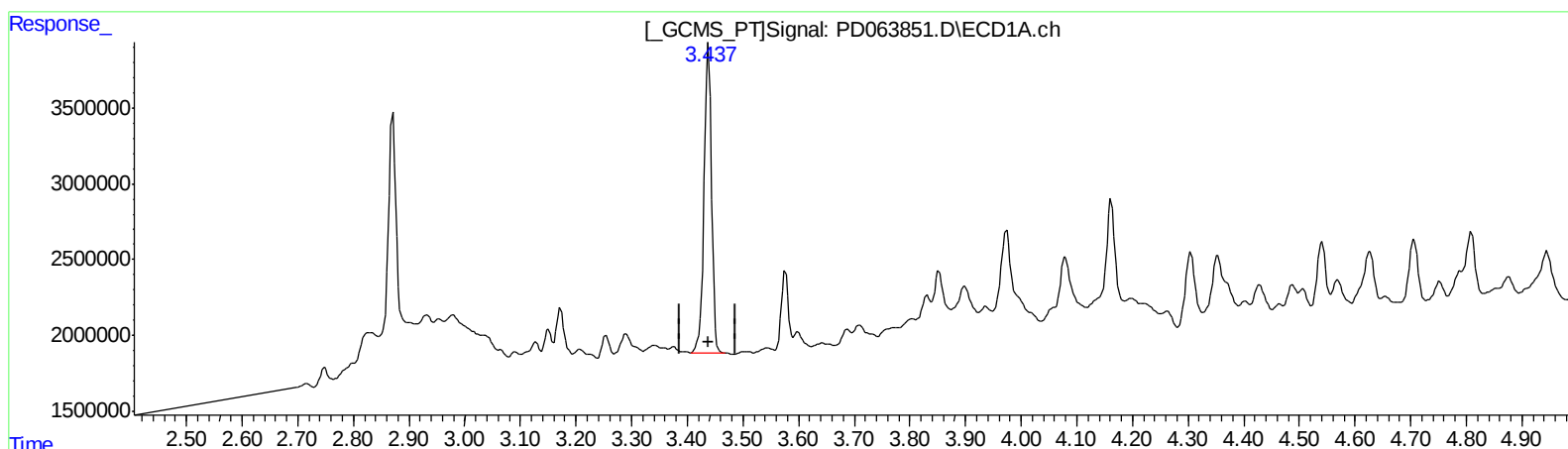
Instrument :
ECD_D
ClientSampled :
BG5S6

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



QEdit

(1) Tetrachloro-m-xylene (SA)

3.437min 12.088 ng/ml m

response 18790253

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

3.969min 10.314 ng/ml m

response 163358997

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
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Sample : M2618-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

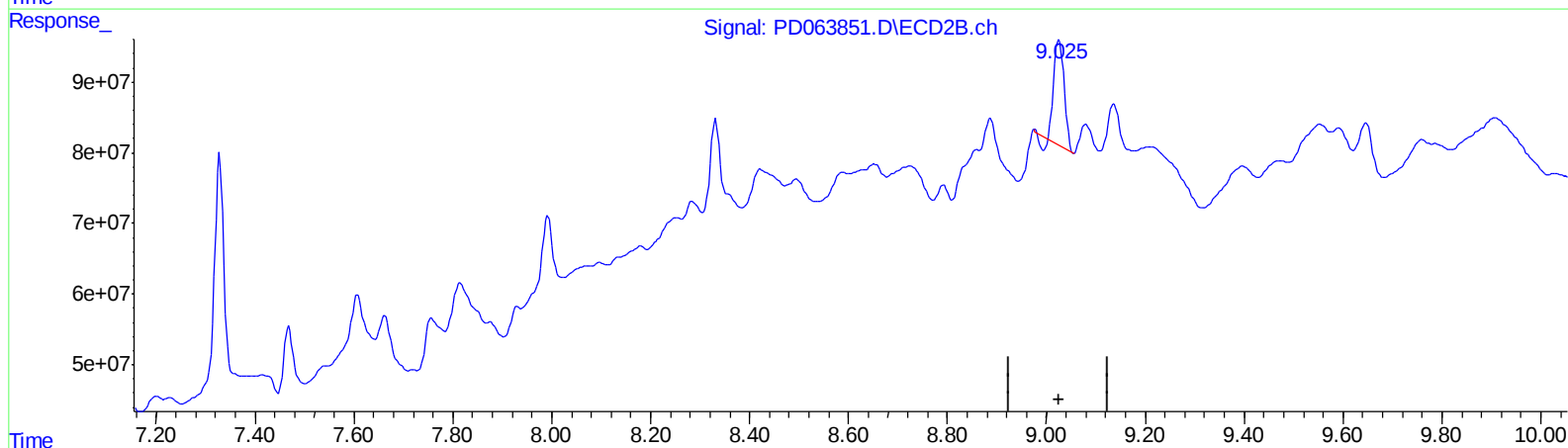
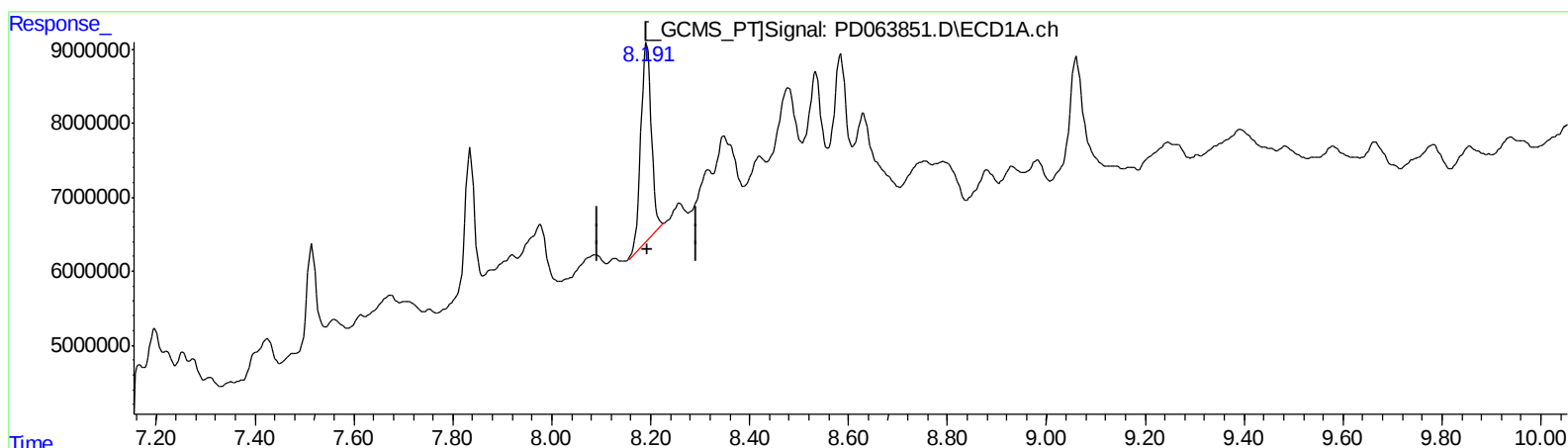
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(27) Decachlorobiphenyl (SA)

8.192min 22.466 ng/ml

response 38887464

(27) Decachlorobiphenyl #2 (SA)

9.026min 15.173 ng/ml

response 210427774

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
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Sample : M2618-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

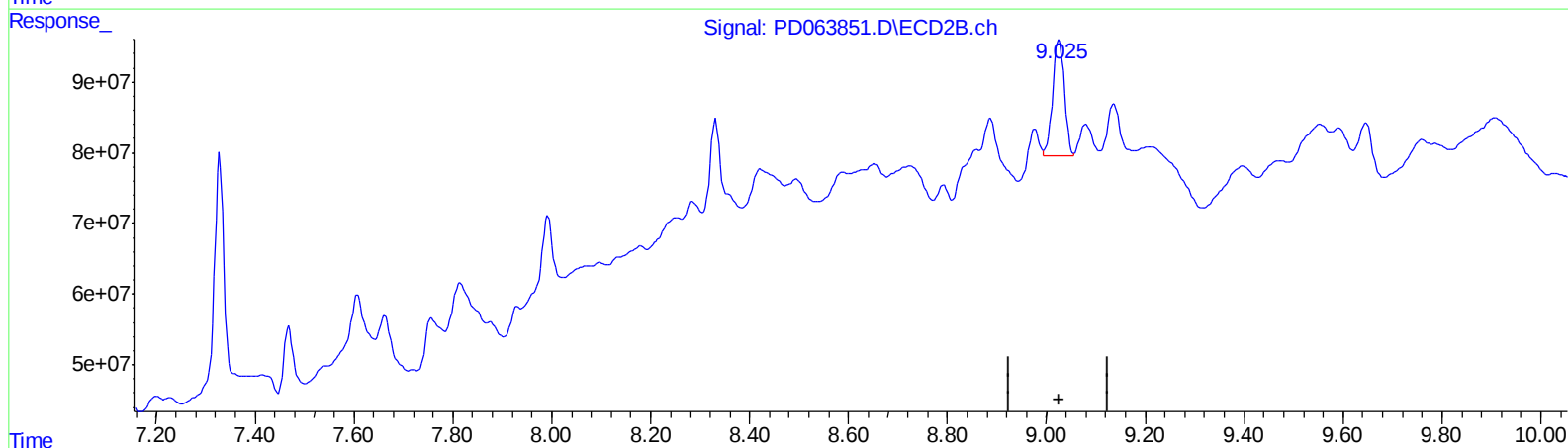
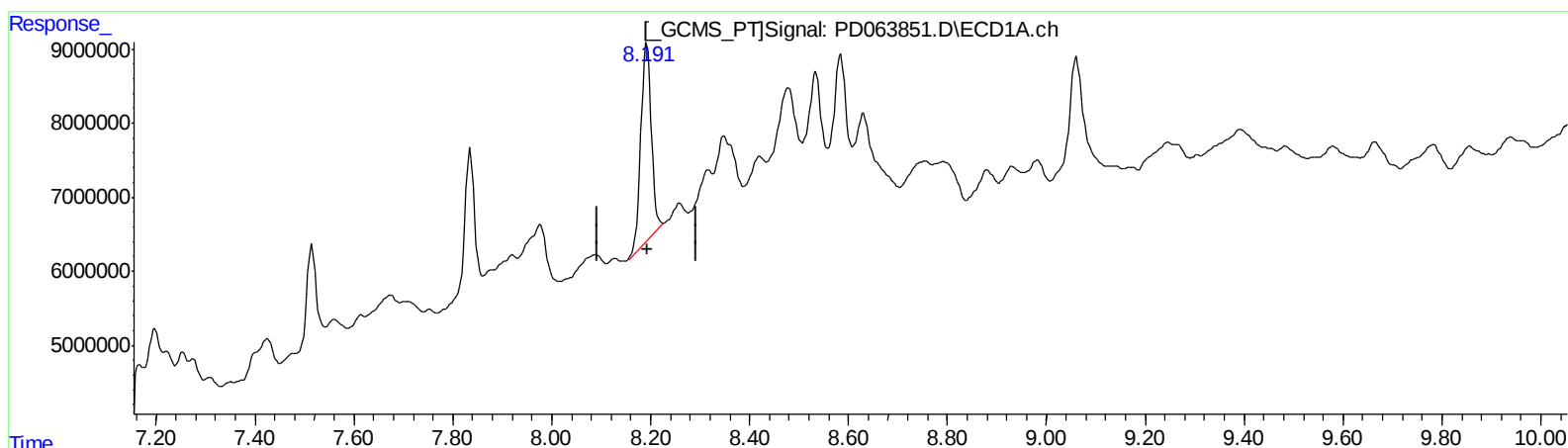
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QEdit

(27) Decachlorobiphenyl (SA)

8.192min 22.466 ng/ml

response 38887464

(27) Decachlorobiphenyl #2 (SA)

9.025min 19.328 ng/ml m

response 268046735

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
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Sample : M2618-08
Misc :
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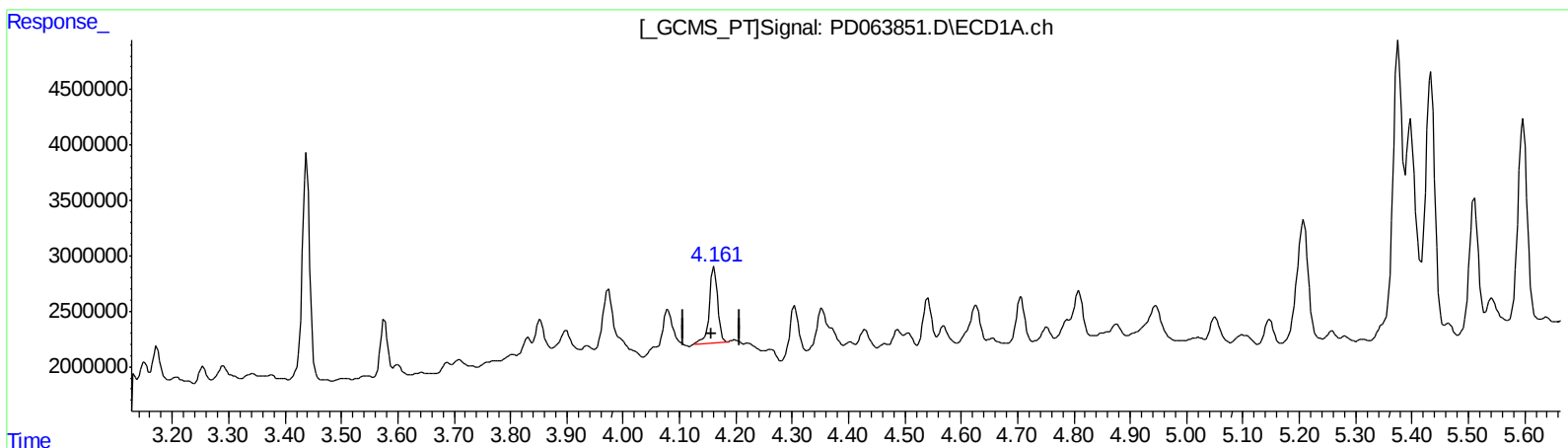
Instrument :
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ClientSampled :
BG5S6

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

4.162min 3.128 ng/ml

response 7119532

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

4.624min 0.979 ng/ml

response 22341980

QEdit

(+) = Expected Retention Time

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Sample : M2618-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

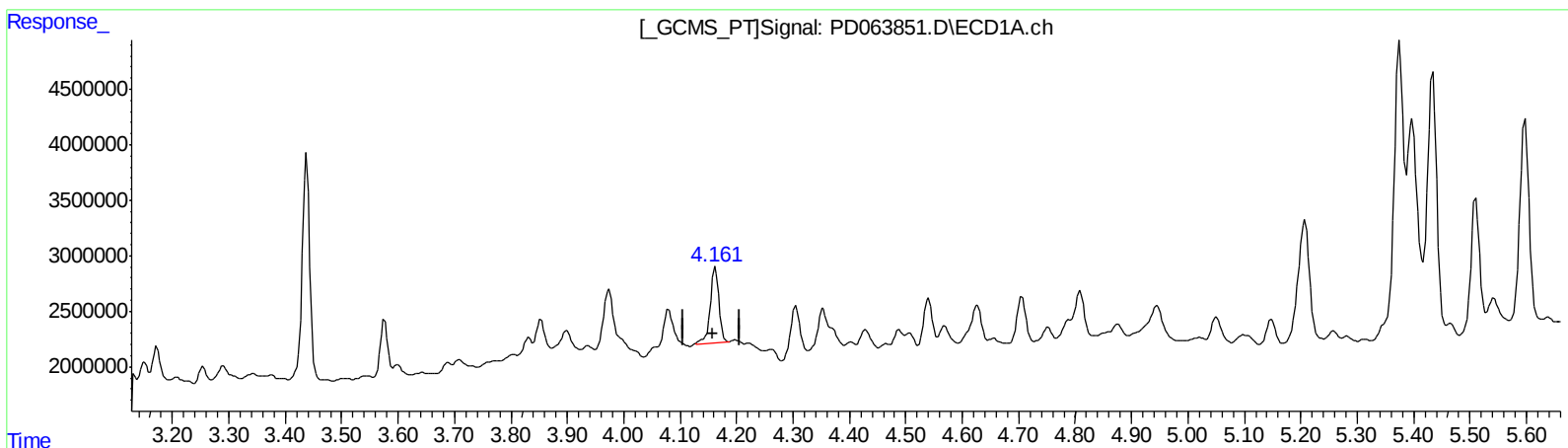
Instrument :
ECD_D
ClientSampleId :
BG5S6

Manual Integrations
APPROVED

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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)

4.162min 3.128 ng/ml

response 7119532

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

4.623min 1.648 ng/ml m

response 37608653

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
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Sample : M2618-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

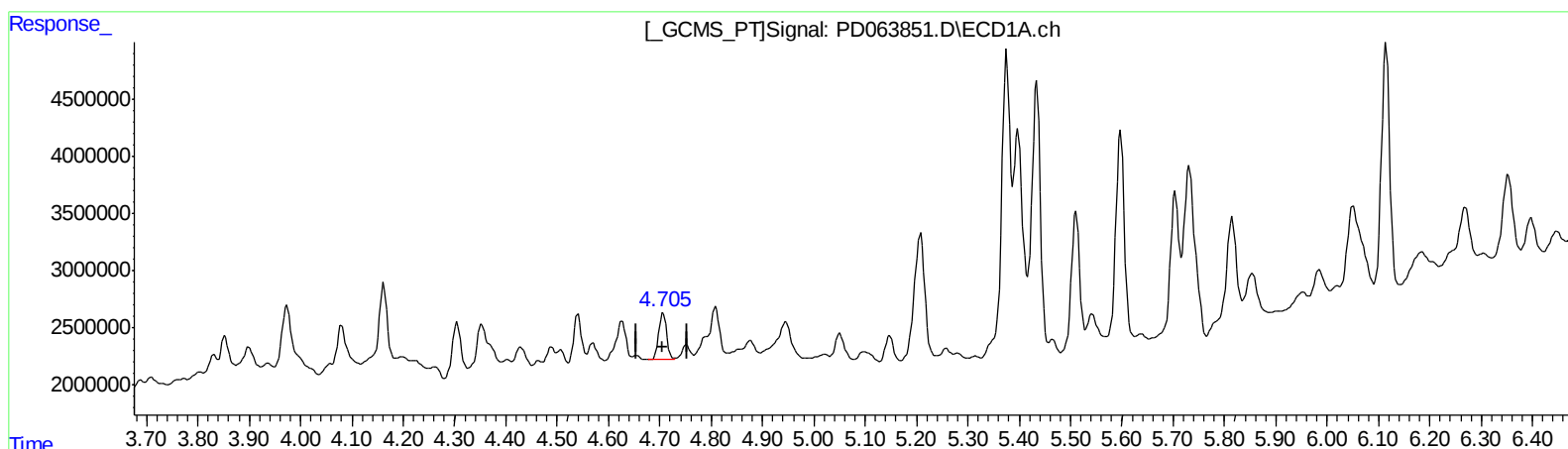
Instrument :
ECD_D
ClientSampled :
BG5S6

Manual Integrations
APPROVED

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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



(5) Aldrin (MB)

4.706min 2.169 ng/ml

response 4396037

(5) Aldrin #2 (MB)

5.453min 1.612 ng/ml

response 35520869

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
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Sample : M2618-08
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ALS Vial : 38 Sample Multiplier: 1

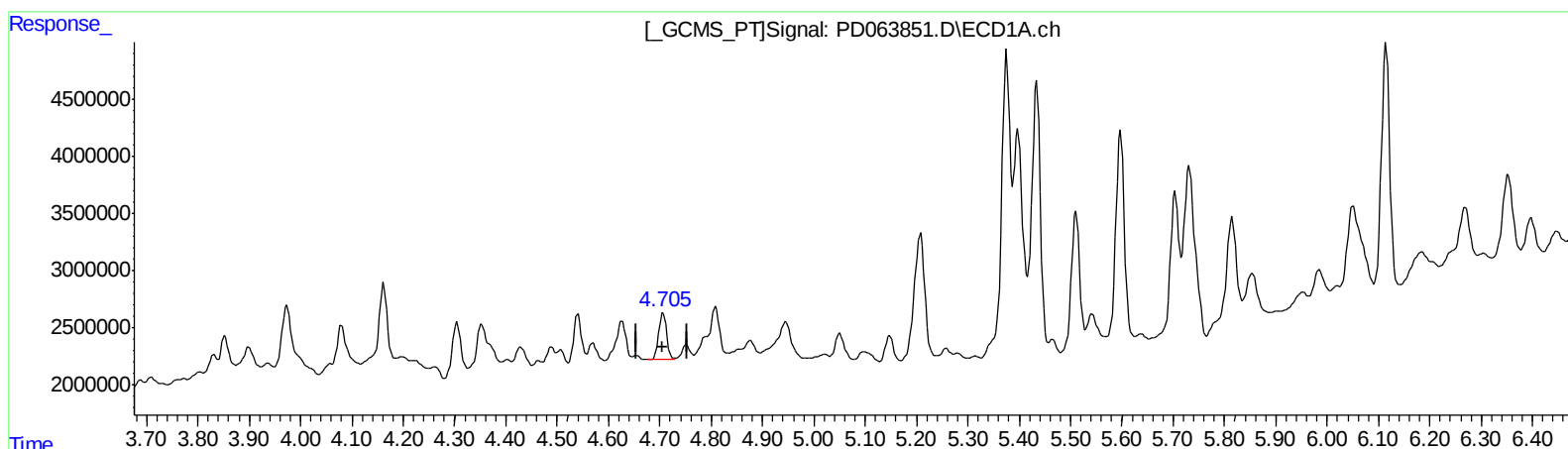
Instrument :
ECD_D
ClientSampleId :
BG5S6

Manual Integrations
APPROVED

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



(5) Aldrin (MB)

4.706min 2.169 ng/ml

response 4396037

(5) Aldrin #2 (MB)

5.452min 2.539 ng/ml m

response 55937671

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
Data File : PD063851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M2618-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

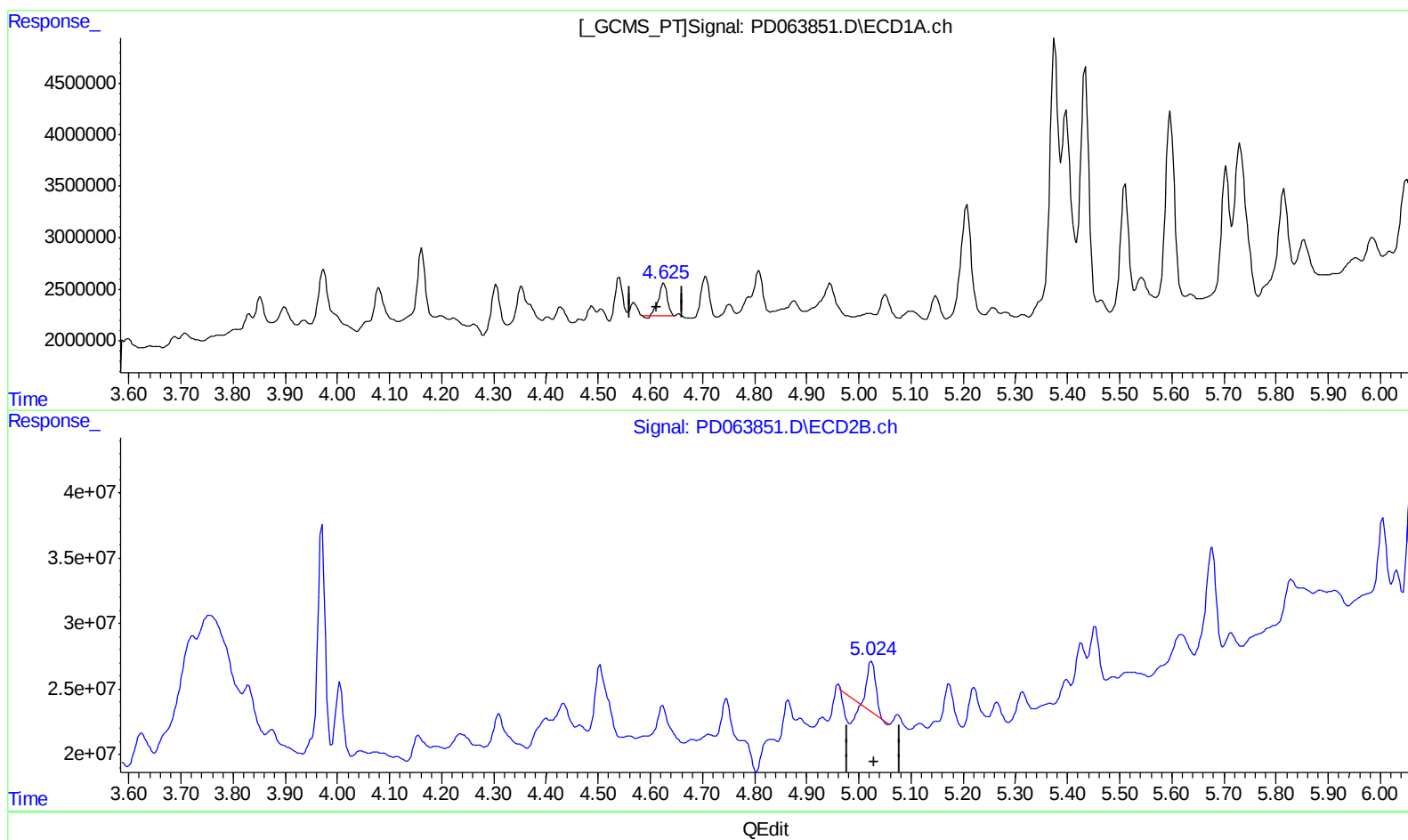
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

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



(7) delta-BHC (B)

4.627min 1.716 ng/ml

response 3703643

(7) delta-BHC #2 (B)

5.025min 0.876 ng/ml

response 20522542

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M2618-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

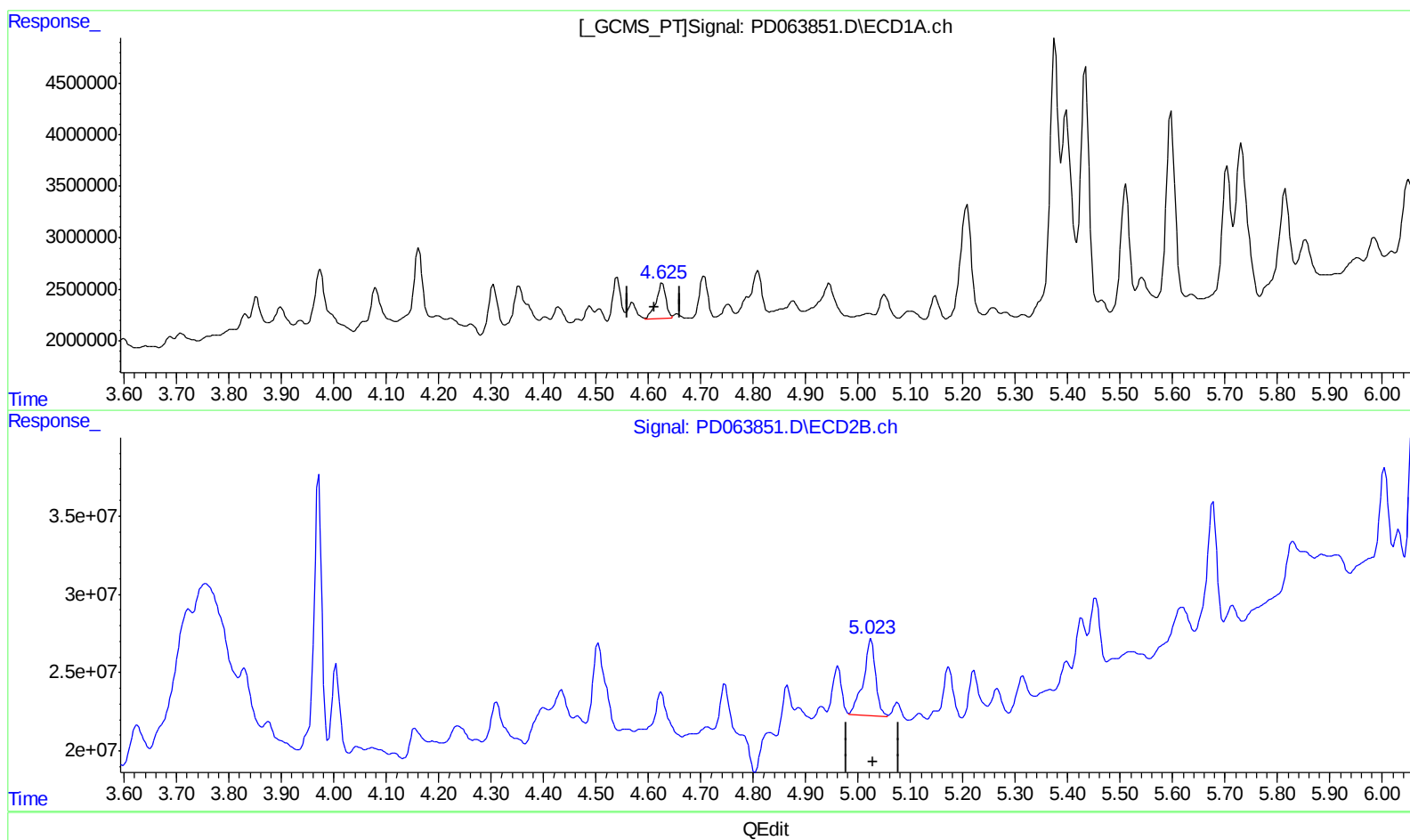
Instrument :
ECD_D
ClientSampleId :
BG5S6

Manual Integrations
APPROVED

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



(7) delta-BHC (B)
4.625min 2.107 ng/ml m
response 4547756

(7) delta-BHC #2 (B)
5.023min 3.338 ng/ml m
response 78199224

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
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ALS Vial : 38 Sample Multiplier: 1

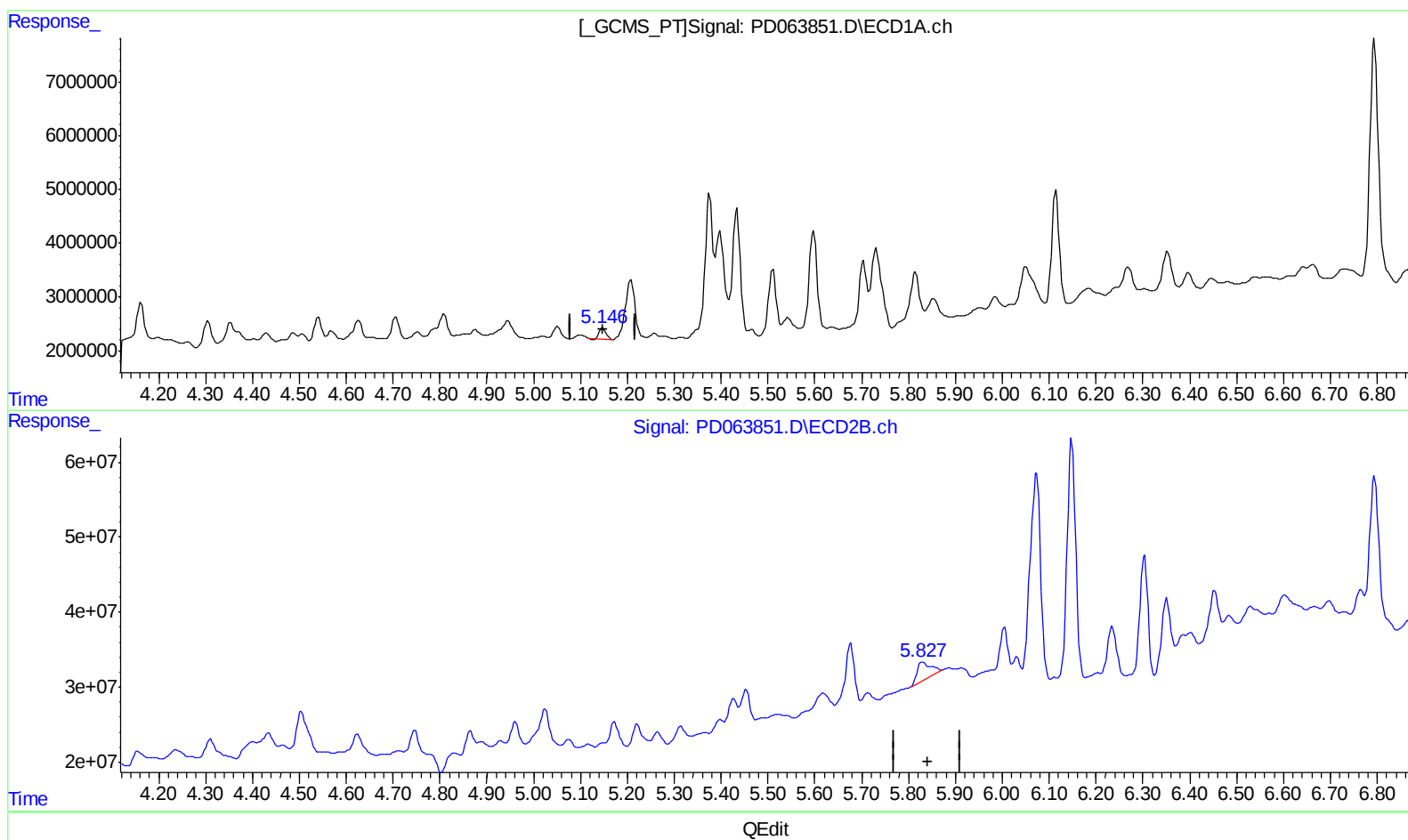
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(8) Heptachlor epoxide (B)

5.148min 0.994 ng/ml

response 1884752

(8) Heptachlor epoxide #2 (B)

5.830min 2.284 ng/ml

response 46989166

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
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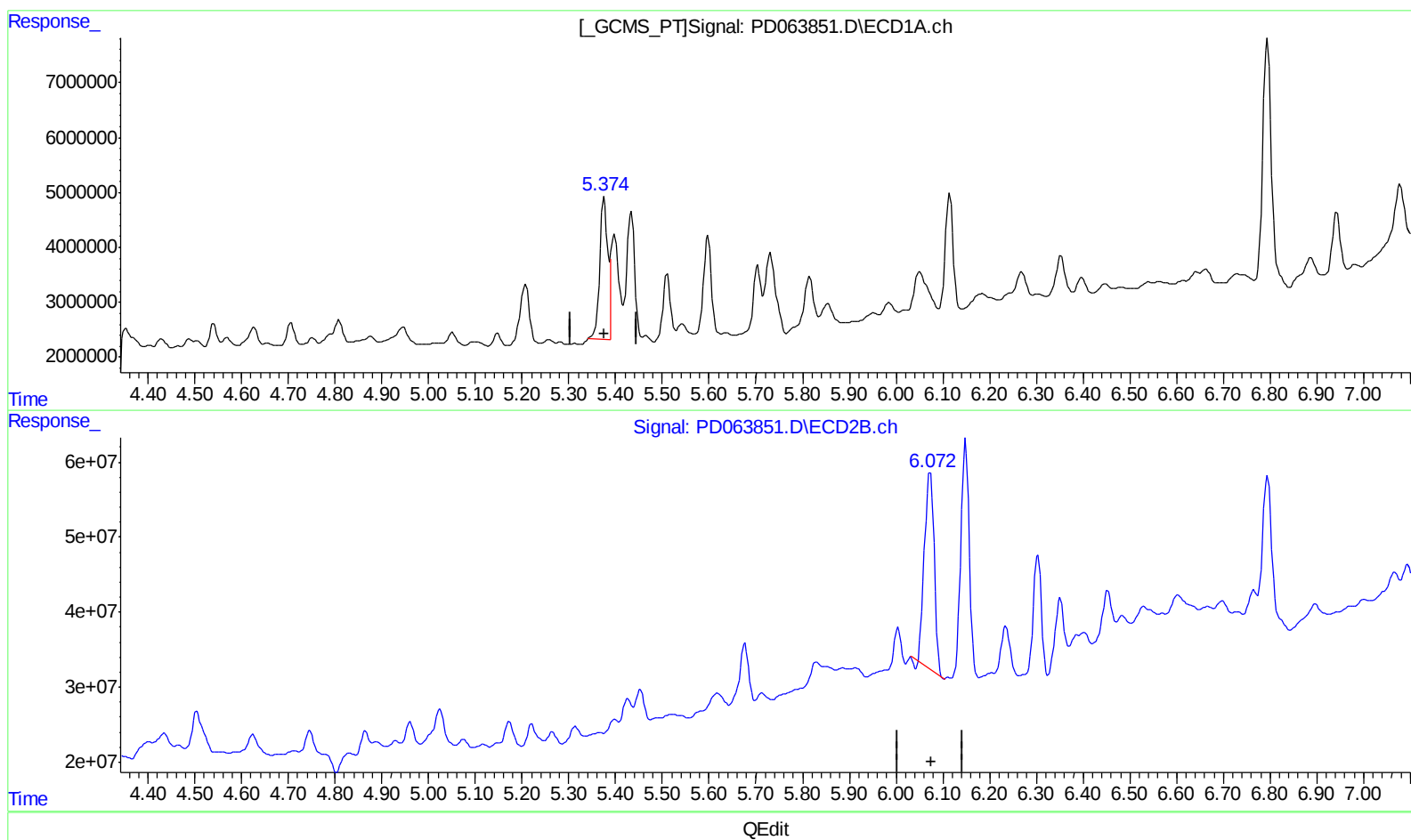
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(10) trans-Chlordane (B)

5.375min 15.512 ng/ml

response 30165717

(10) trans-Chlordane #2 (B)

6.073min 17.896 ng/ml

response 376431365

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
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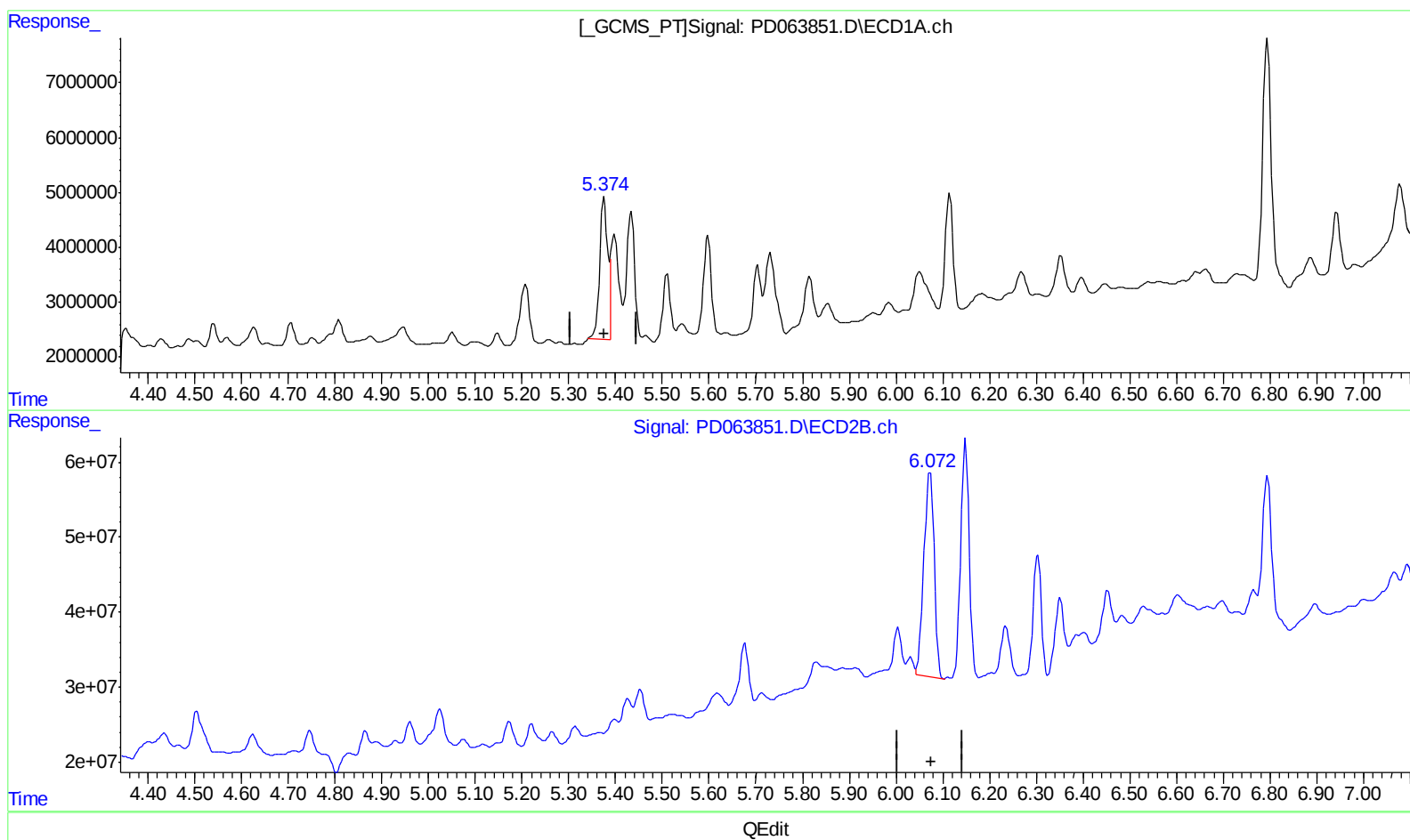
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(10) trans-Chlordane (B)

5.375min 15.512 ng/ml

response 30165717

(10) trans-Chlordane #2 (B)

6.072min 19.789 ng/ml m

response 416267921

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
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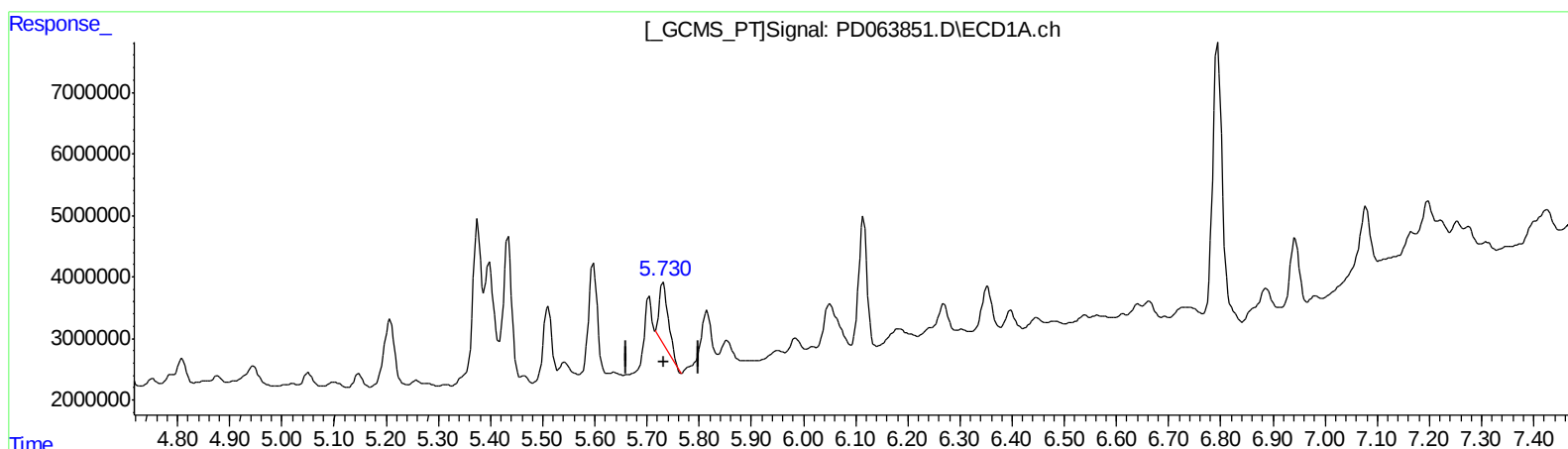
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(13) Dieldrin (MA)
5.731min 5.818 ng/ml
response 12175822

(13) Dieldrin #2 (MA)
6.453min 2.992 ng/ml
response 62590594

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
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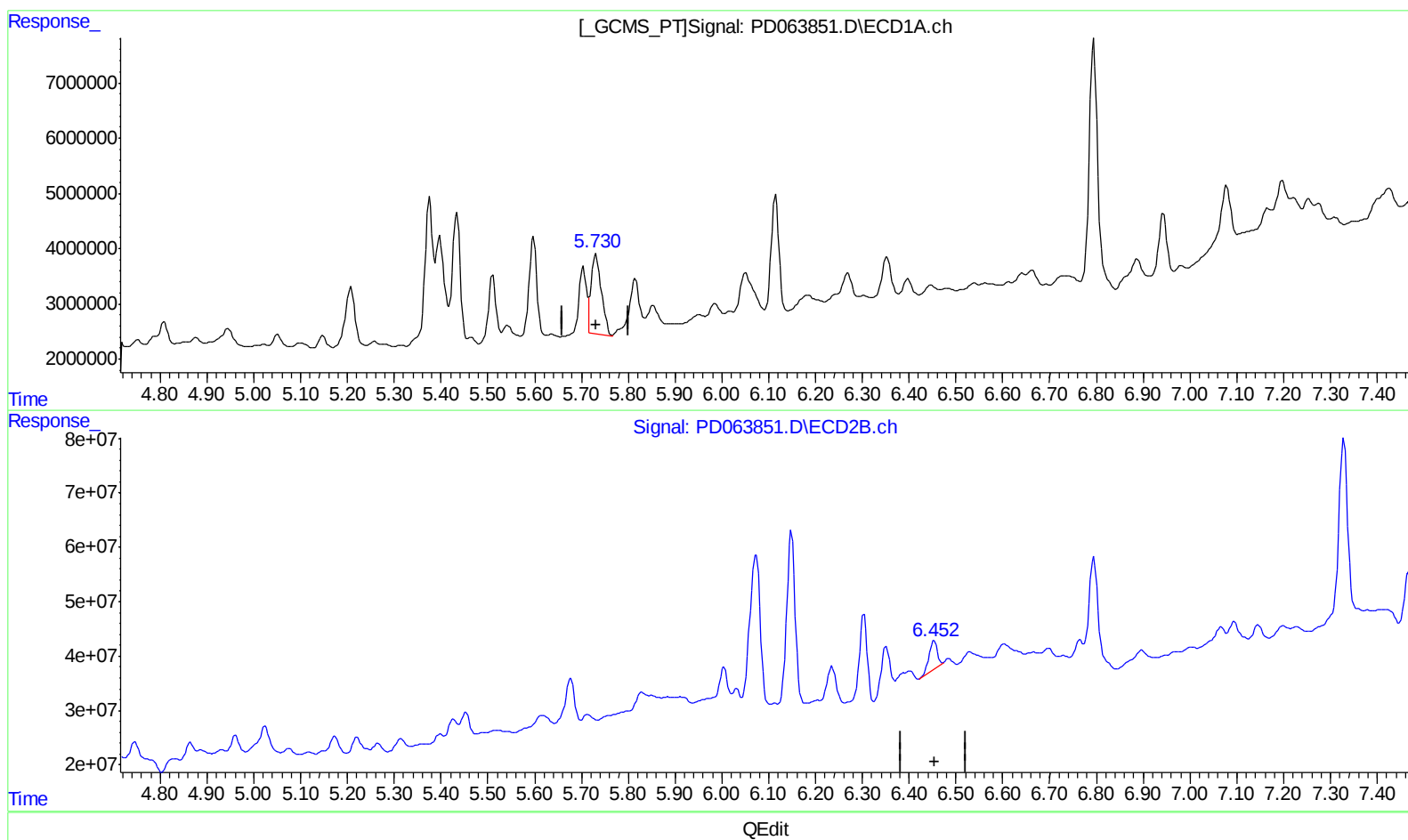
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(13) Dieldrin (MA)
5.730min 10.369 ng/ml m
response 21699631

(13) Dieldrin #2 (MA)
6.453min 2.992 ng/ml
response 62590594

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
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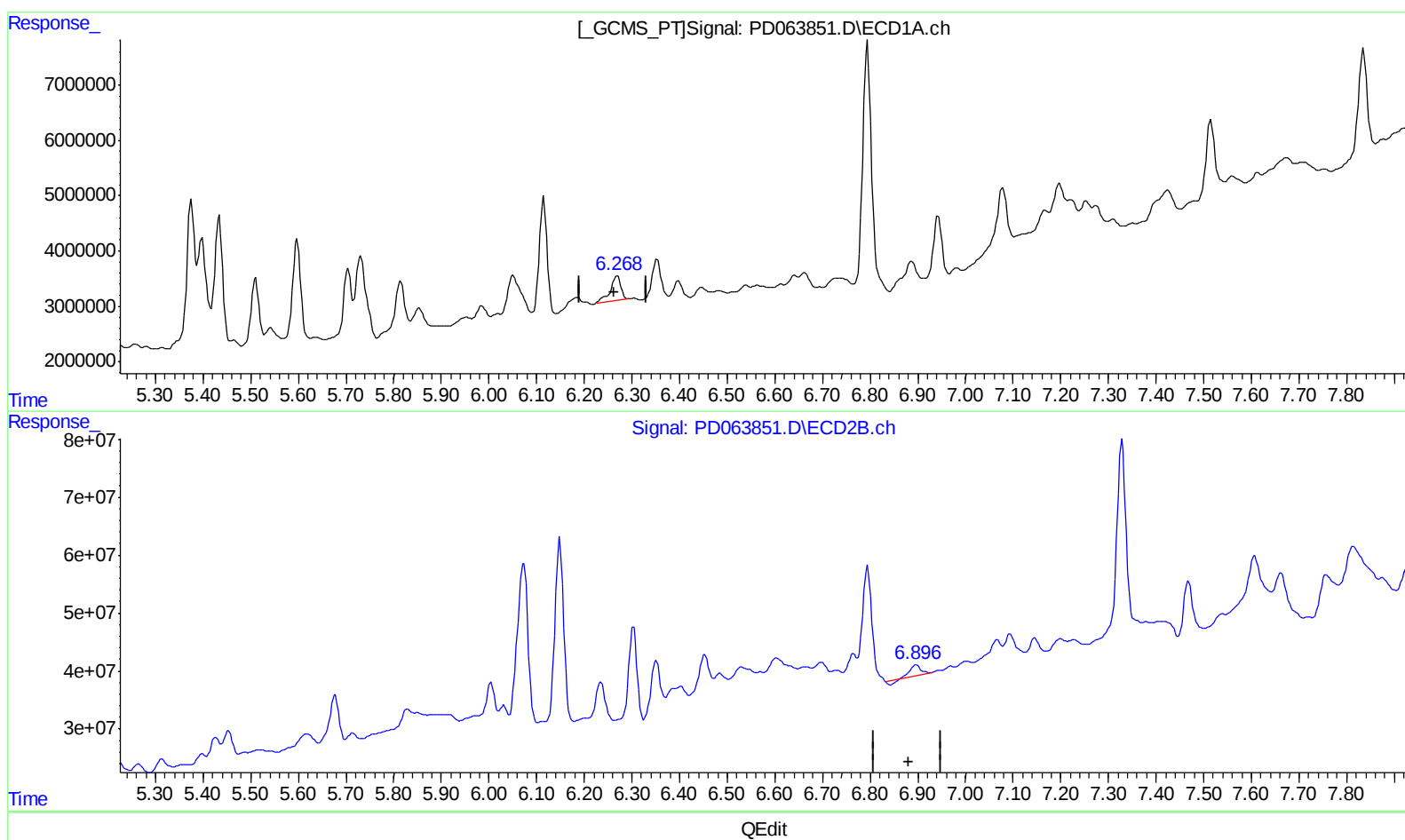
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Manual Integrations
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Integrator: ChemStation

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



(15) Endosulfan II (B)
6.269min 4.299 ng/ml
response 7024236

(15) Endosulfan II #2 (B)
6.897min 1.376 ng/ml
response 22259982

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
Data File : PD063851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 2021 10:11
Operator : AR\AJ
Sample : M2618-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

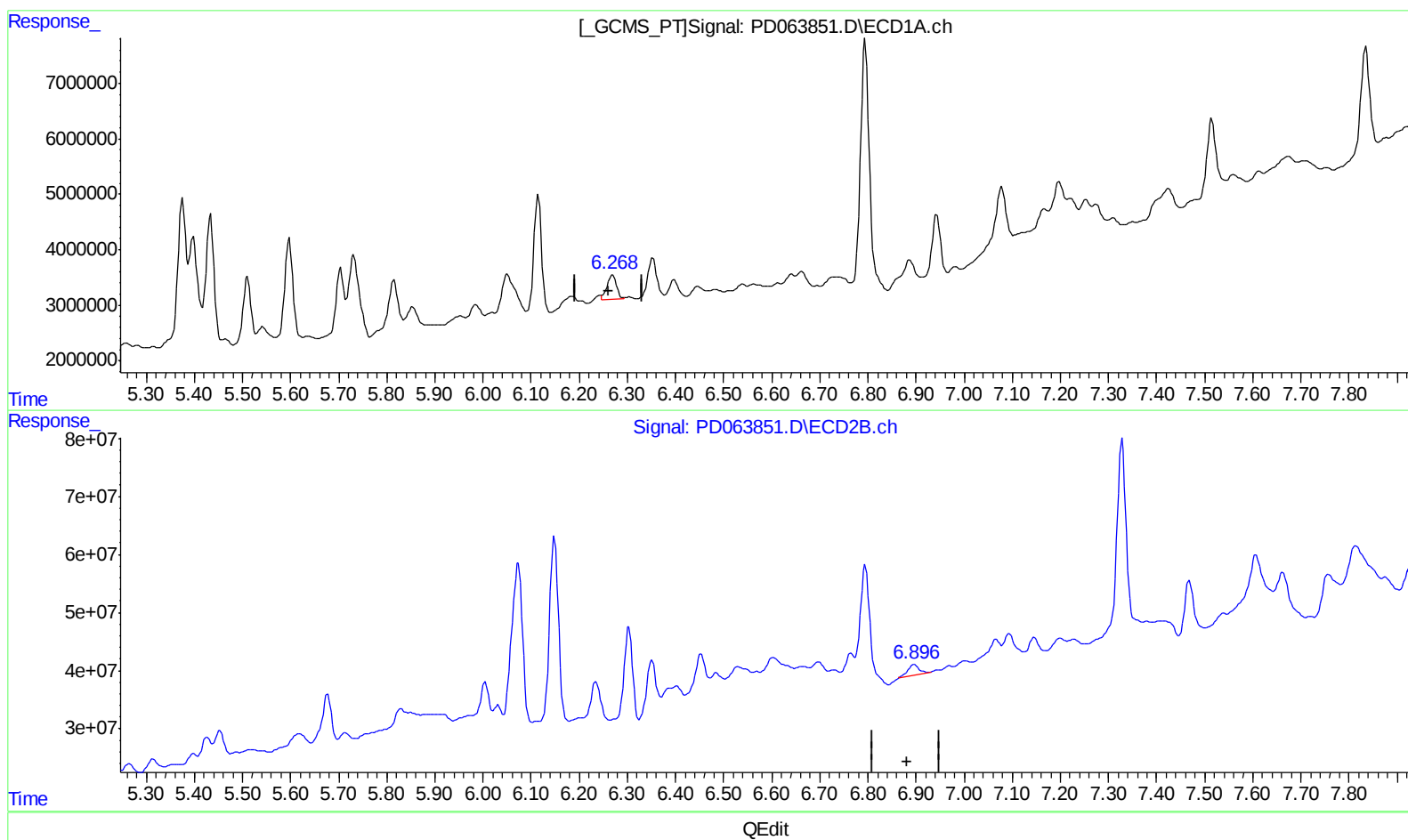
Instrument :
ECD_D
ClientSampleId :
BG5S6

Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 02:16:12 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061421CLP.M
Quant Title : GC Extractables
QLast Update : Tue Jun 15 03:10:50 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



(15) Endosulfan II (B)
6.268min 3.701 ng/ml m
response 6047453

(15) Endosulfan II #2 (B)
6.896min 1.895 ng/ml m
response 30665667

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
Data File : PD063851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 2021 10:11
Operator : AR\AJ
Sample : M2618-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

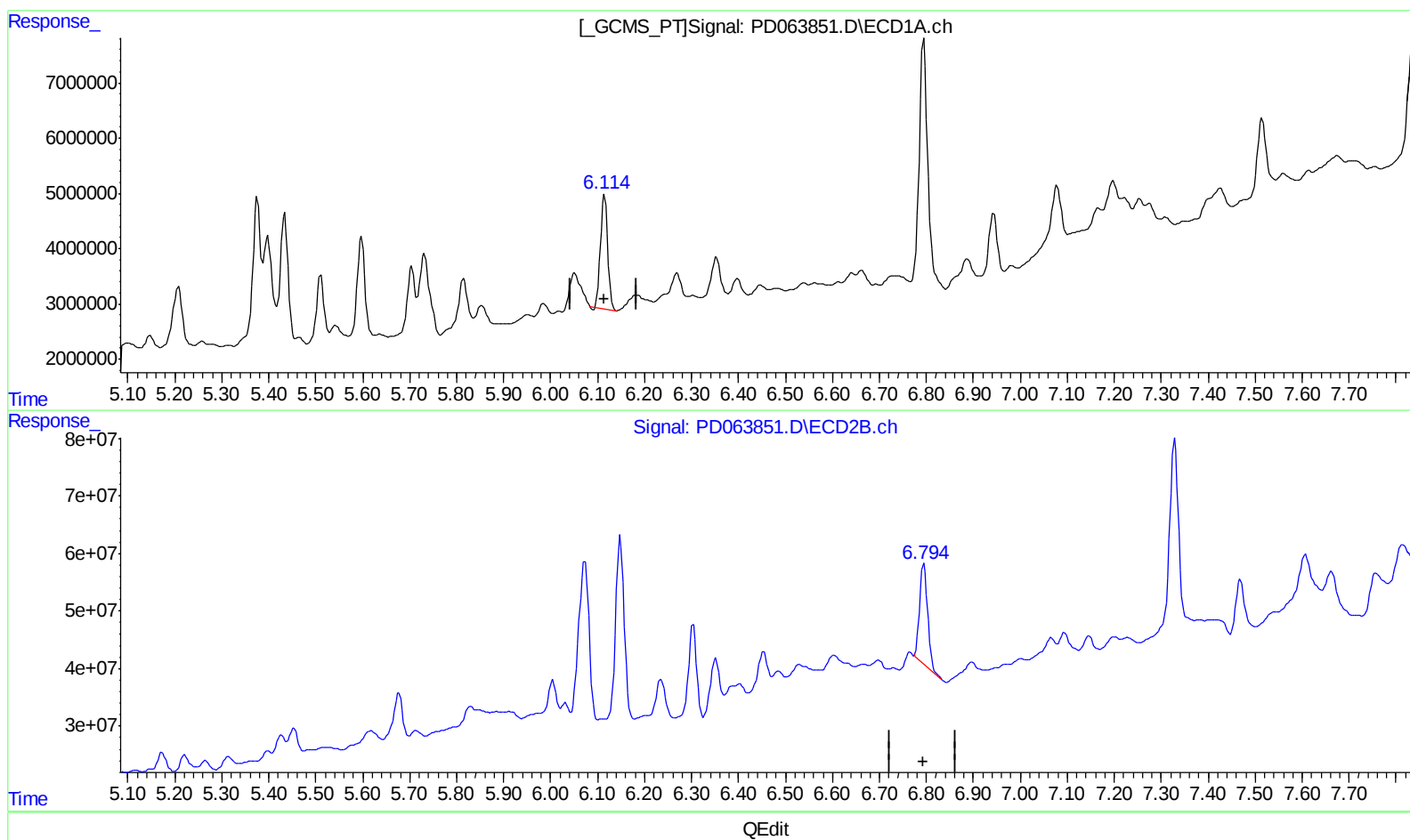
Instrument :
ECD_D
ClientSampleId :
BG5S6

Manual Integrations
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Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
QLast Update : Tue Jun 15 03:10:50 2021
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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



(16) 4,4'-DDD (A)

6.115min 13.448 ng/ml

response 22203818

(16) 4,4'-DDD #2 (A)

6.795min 12.185 ng/ml

response 205124087

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
Data File : PD063851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 2021 10:11
Operator : AR\AJ
Sample : M2618-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

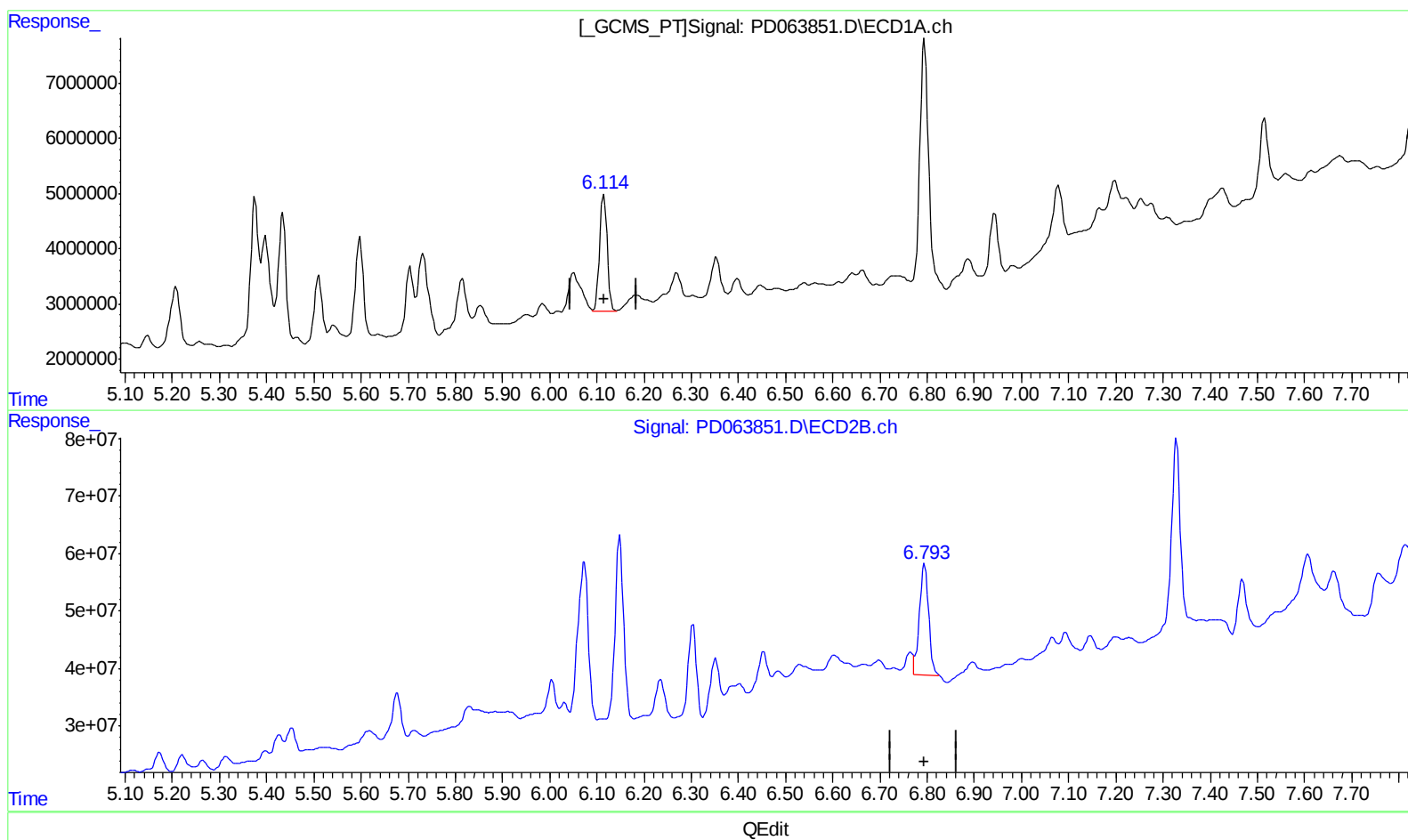
Instrument :
ECD_D
ClientSampleId :
BG5S6

Manual Integrations
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Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
QLast Update : Tue Jun 15 03:10:50 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



(16) 4,4'-DDD (A)
6.114min 14.491 ng/ml m
response 23925514

(16) 4,4'-DDD #2 (A)
6.793min 15.476 ng/ml m
response 260512496

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
Data File : PD063851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 2021 10:11
Operator : AR\AJ
Sample : M2618-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

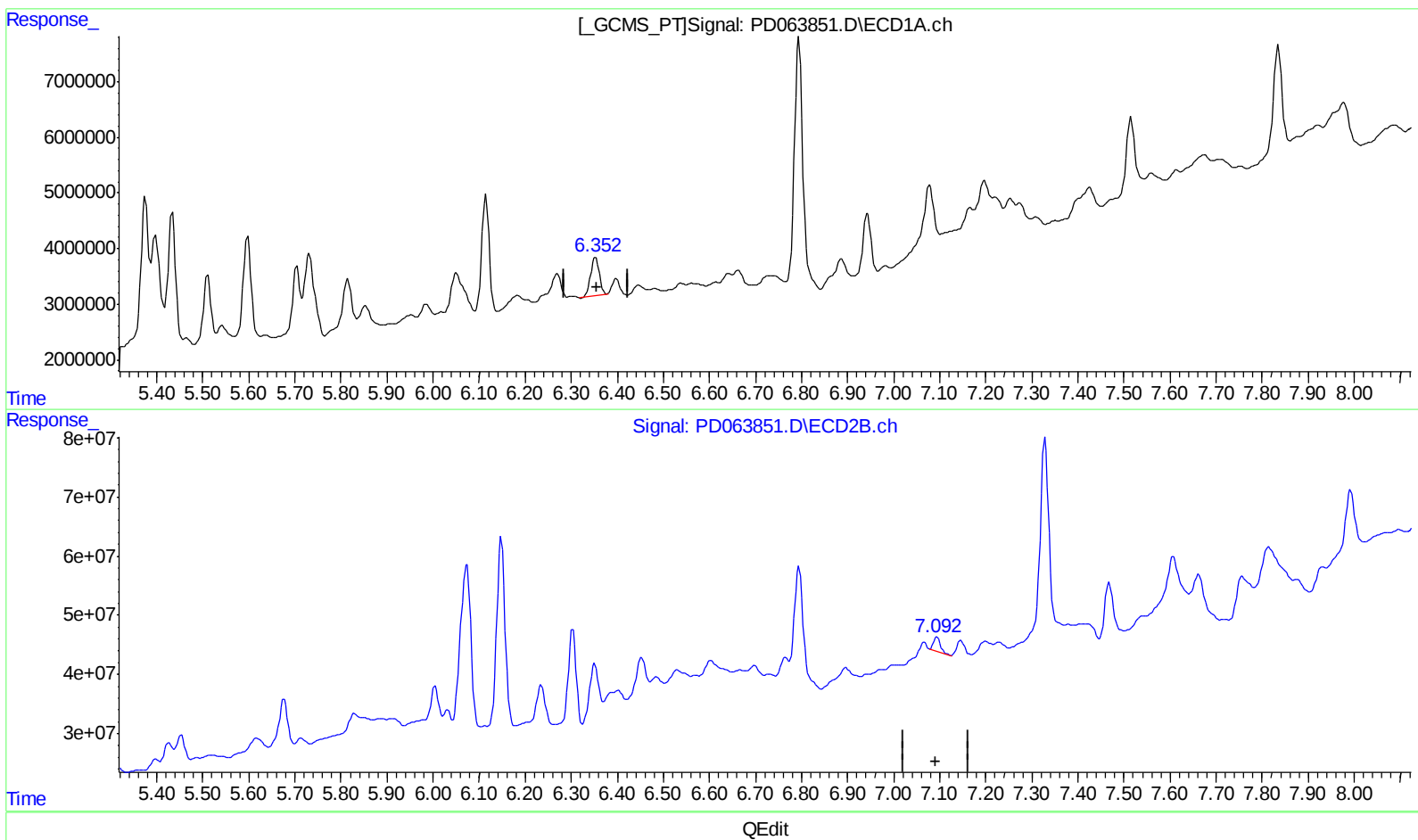
Instrument :
ECD_D
ClientSampleId :
BG5S6

Manual Integrations
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Integration File signal 1: autoint1.e
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Quant Time: Jun 16 02:16:12 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061421CLP.M
Quant Title : GC Extractables
QLast Update : Tue Jun 15 03:10:50 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



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

6.353min 5.204 ng/ml

response 8758342

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

7.094min 1.588 ng/ml

response 26134516

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
Data File : PD063851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jun 2021 10:11
Operator : AR\AJ
Sample : M2618-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

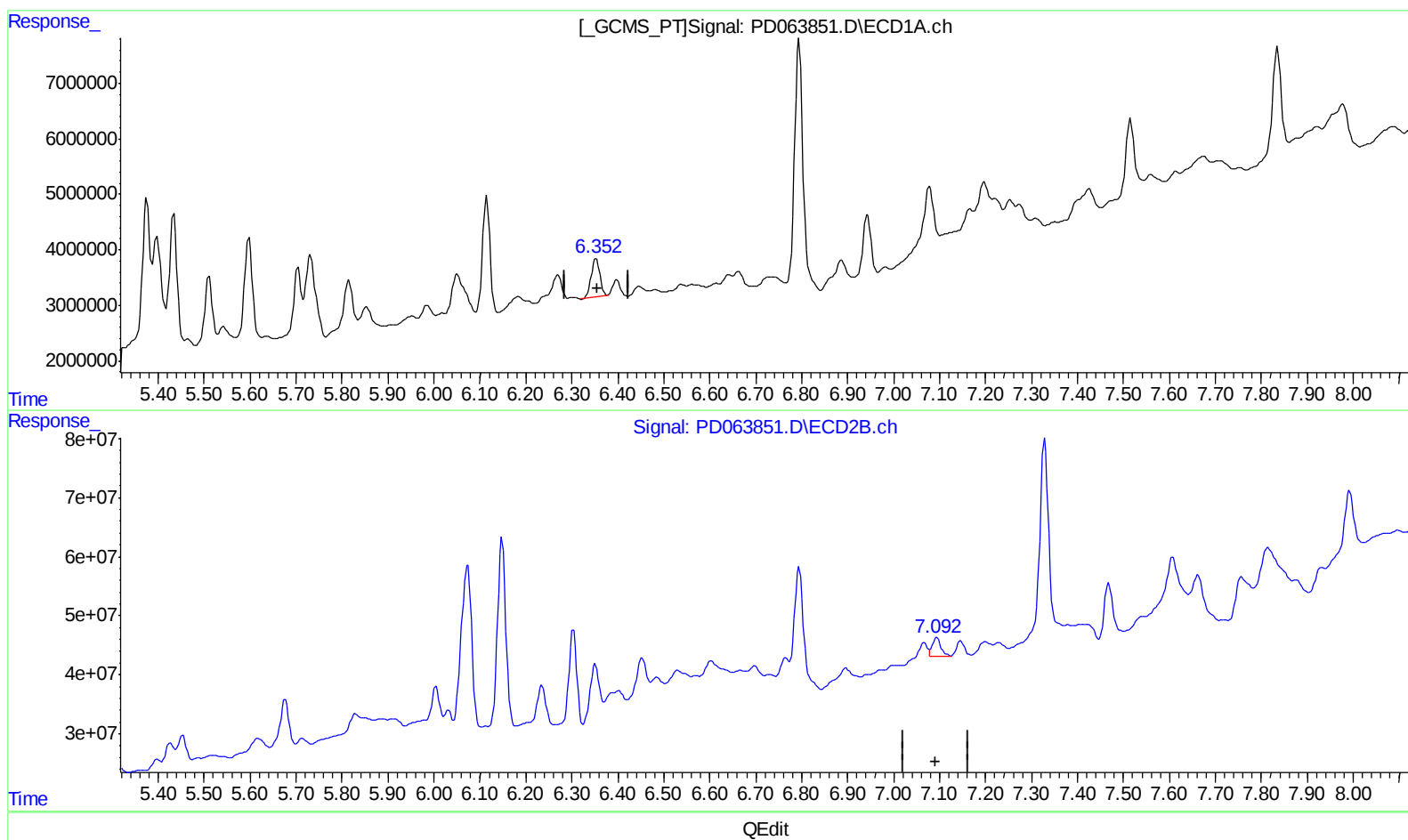
Instrument :
ECD_D
ClientSampleId :
BG5S6

Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 16 02:16:12 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061421CLP.M
Quant Title : GC Extractables
QLast Update : Tue Jun 15 03:10:50 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



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

6.353min 5.204 ng/ml

response 8758342

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

7.092min 2.517 ng/ml m

response 41435903

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061521\
 Data File : PD063851.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jun 2021 10:11
 Operator : AR\AJ
 Sample : M2618-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BG5S6

Manual Integrations
 APPROVED

Ankita
 6/18/2021 9:03:07 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 02:16:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061421CLP.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 15 03:10:50 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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.437	3.969	18790253	163.4E6	12.088m	10.314m
27) SA Decachlor...	8.192	9.025	38887464	268.0E6	22.466	19.328m
Target Compounds						
3) MA gamma-BHC...	4.162	4.623	7119532	37608653	3.128	1.648m#
5) MB Aldrin	4.706	5.452	4396037	55937671	2.169	2.539m
7) B delta-BHC	4.625	5.023	4547756	78199224	2.107m	3.338m#
8) B Heptachlo...	5.146	5.828	2513827	47454407	1.326m	2.306m#
10) B trans-Chl...	5.375	6.072	30165717	416.3E6	15.512	19.789m#
11) B cis-Chlor...	5.434	6.149	28039089	397.8E6	14.758	19.754 #
12) B 4,4'-DDE	5.597	6.304	20300788	189.5E6	10.282	9.380
13) MA Dieldrin	5.730	6.453	21699631	62590594	10.369m	2.992 #
15) B Endosulfa...	6.268	6.896	6047453	30665667	3.701m	1.895m#
16) A 4,4'-DDD	6.114	6.793	23925514	260.5E6	14.491m	15.476m
17) MA 4,4'-DDT	6.353	7.092	8758342	41435903	5.204	2.517m#

AS
 06/21/21

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