

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

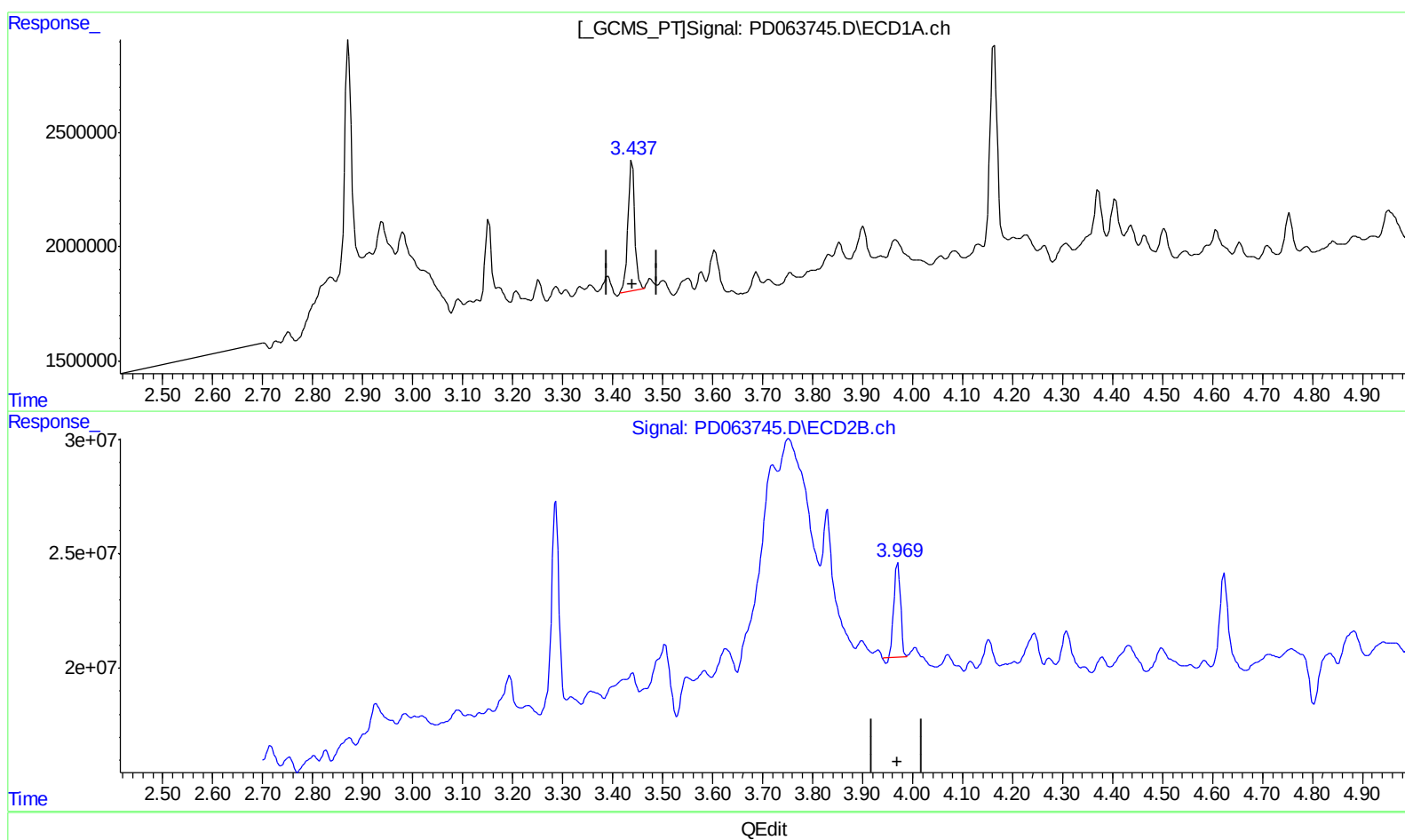
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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



(1) Tetrachloro-m-xylene (SA)

3.438min 4.020 ng/ml

response 5517886

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

3.970min 2.596 ng/ml

response 36549322

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

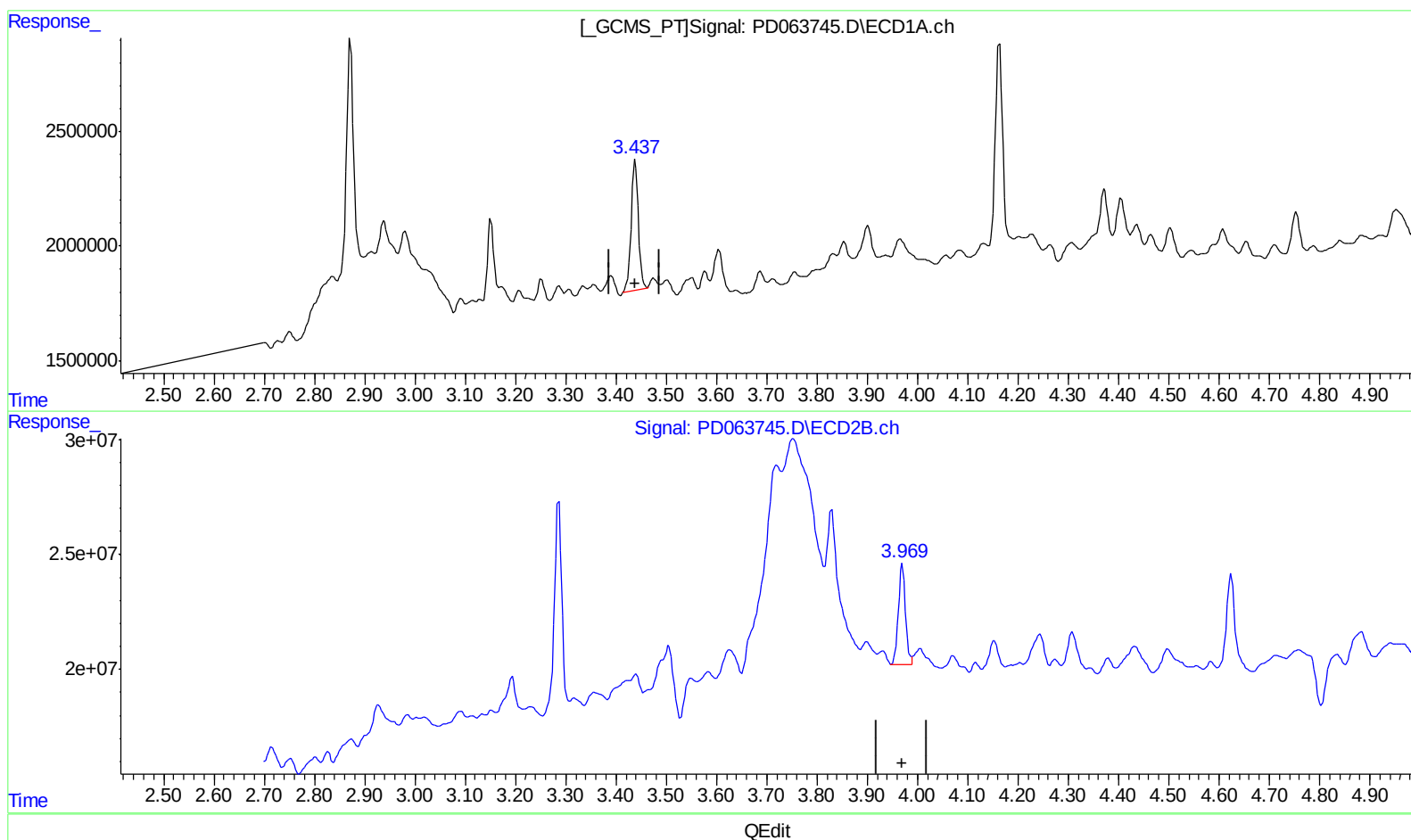
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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



(1) Tetrachloro-m-xylene (SA)

3.438min 4.020 ng/ml

response 5517886

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

3.969min 3.129 ng/ml m

response 44047772

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

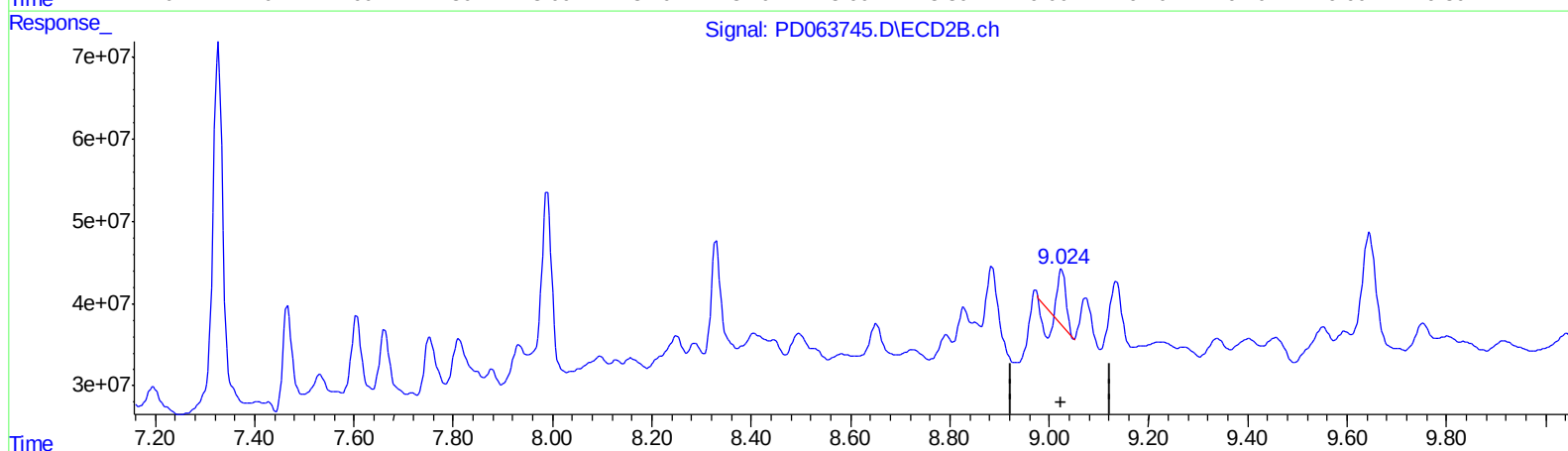
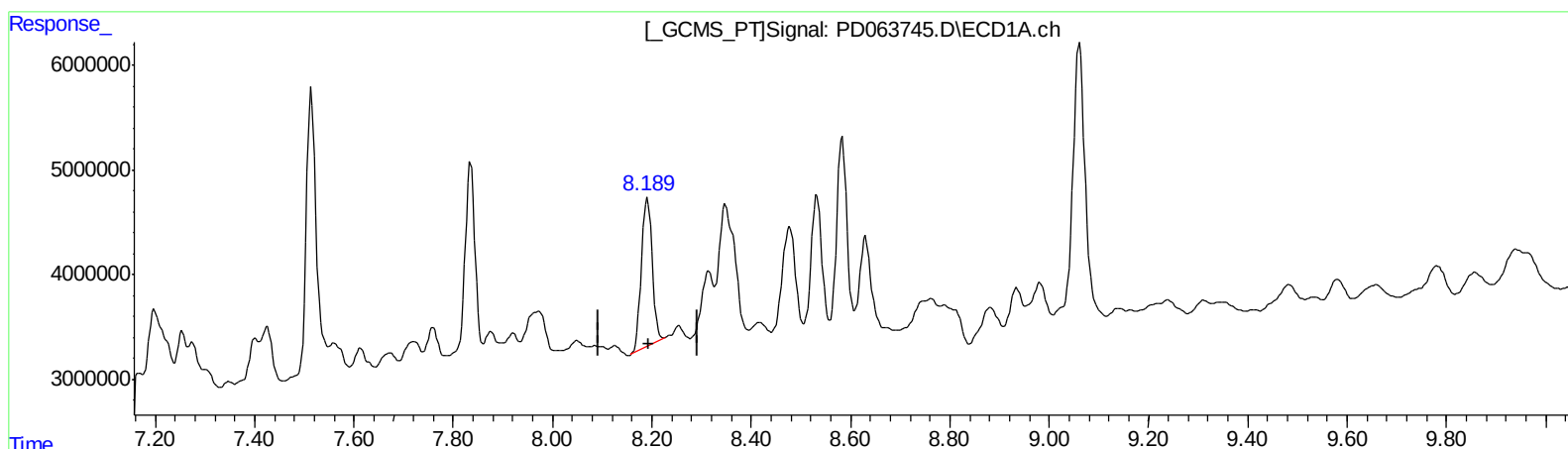
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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

(27) Decachlorobiphenyl (SA)

8.191min 13.317 ng/ml

response 21636352

(27) Decachlorobiphenyl #2 (SA)

9.025min 3.184 ng/ml

response 46714954

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

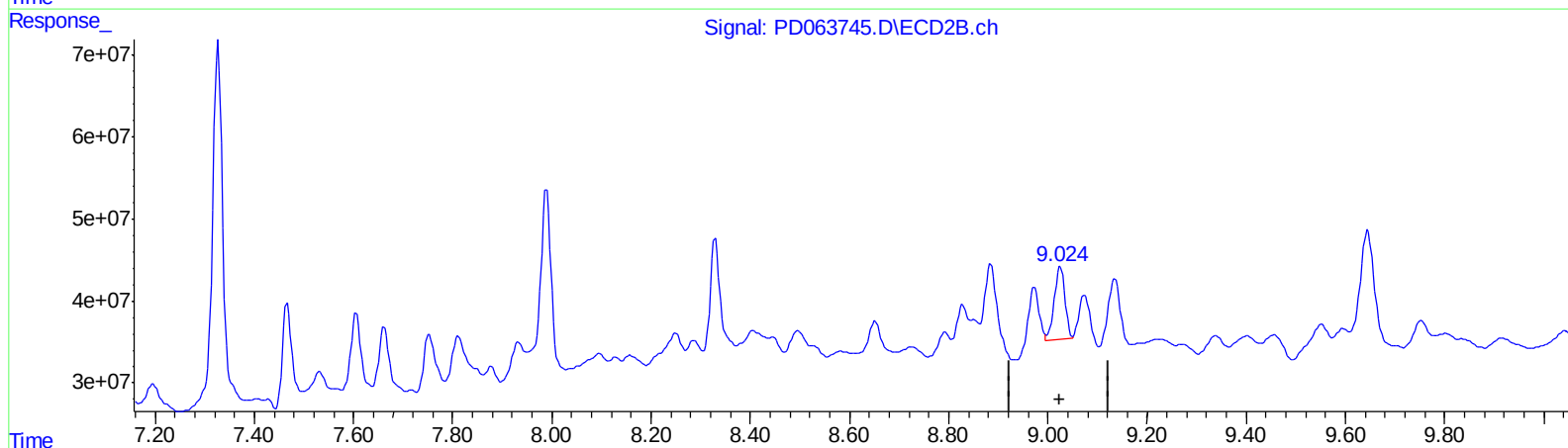
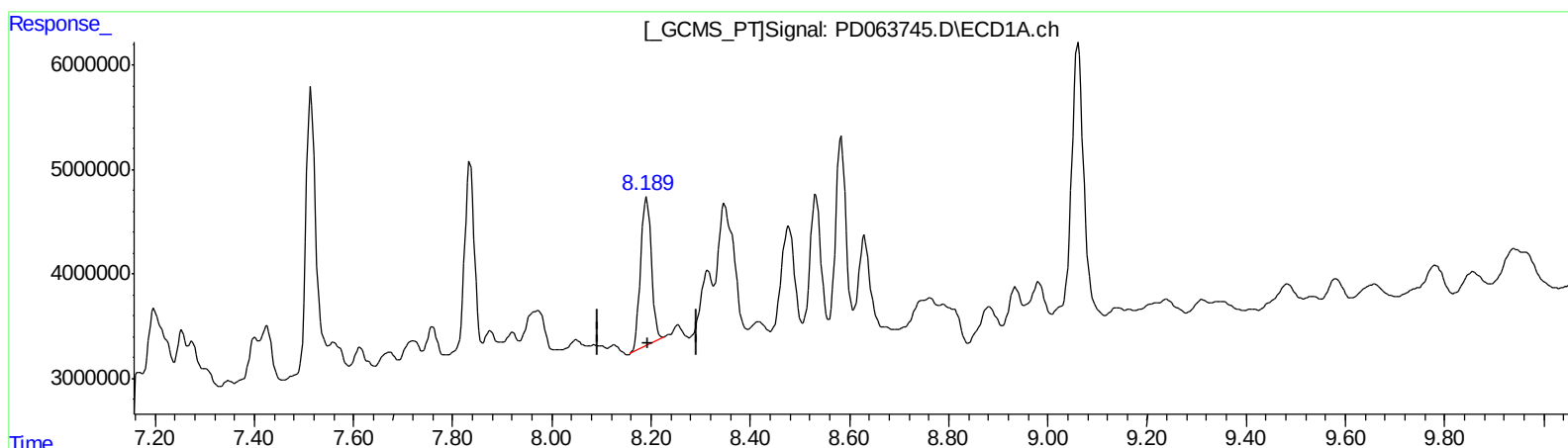
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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

(27) Decachlorobiphenyl (SA)

8.191min 13.317 ng/ml

response 21636352

(27) Decachlorobiphenyl #2 (SA)

9.024min 9.256 ng/ml m

response 135808145

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

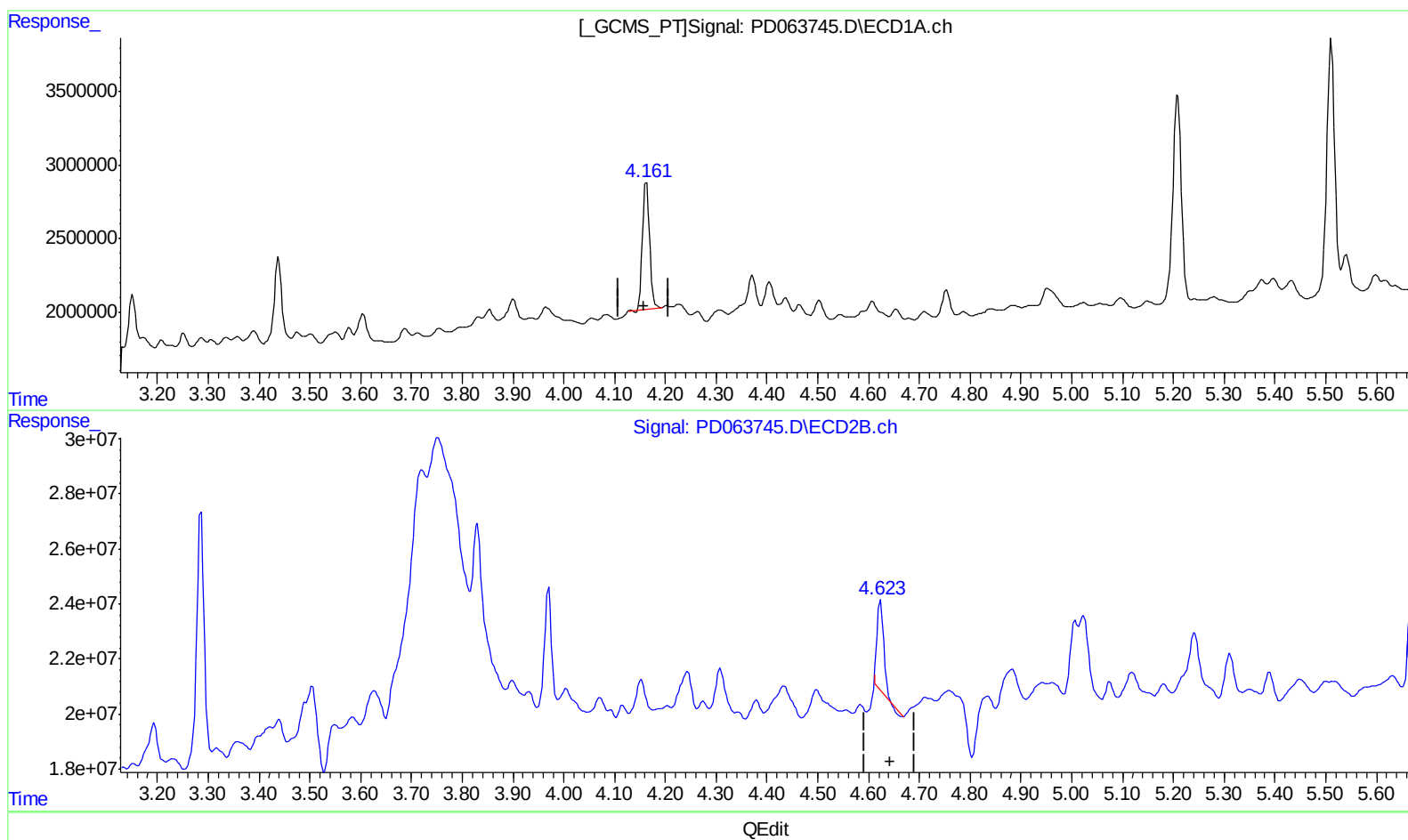
Instrument :
ECD_D
ClientSampled :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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



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

4.163min 4.181 ng/ml

response 8416942

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

4.624min 1.457 ng/ml

response 29770263

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

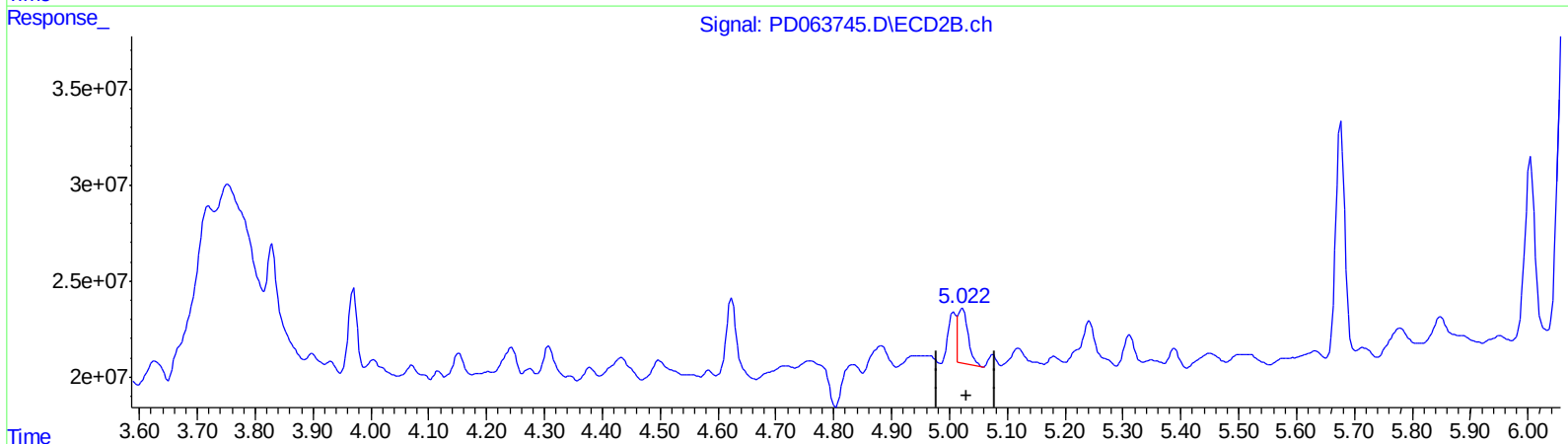
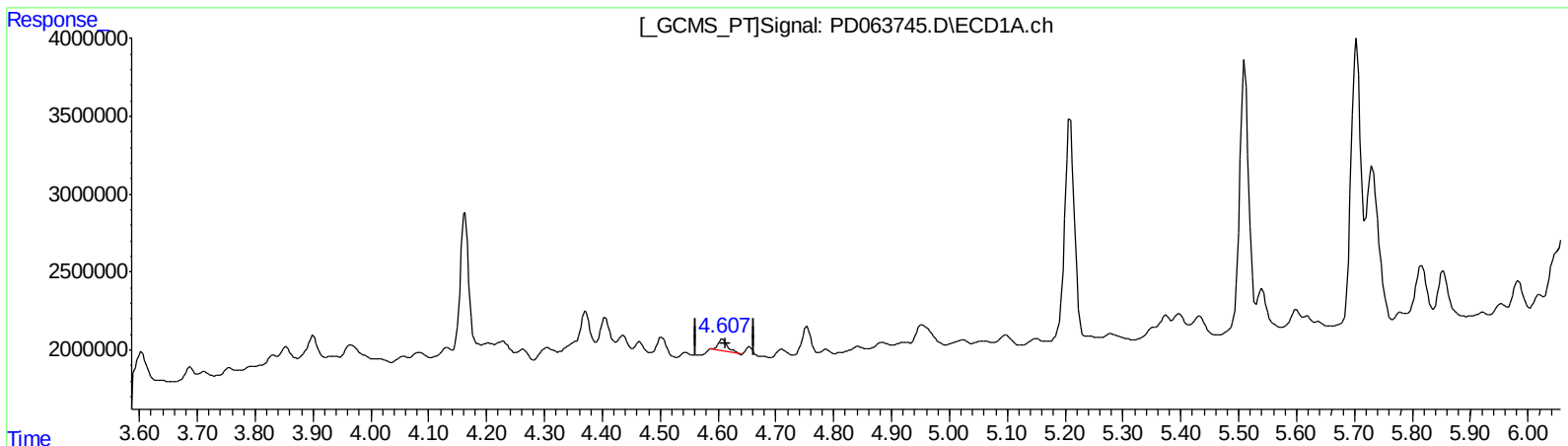
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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

(7) delta-BHC (B)

4.608min 0.494 ng/ml

response 964058

(7) delta-BHC #2 (B)

5.023min 1.608 ng/ml

response 35467699

(+) = Expected Retention Time

PD060321CLP.M Fri Jun 11 07:44:01 2021

Page: 1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

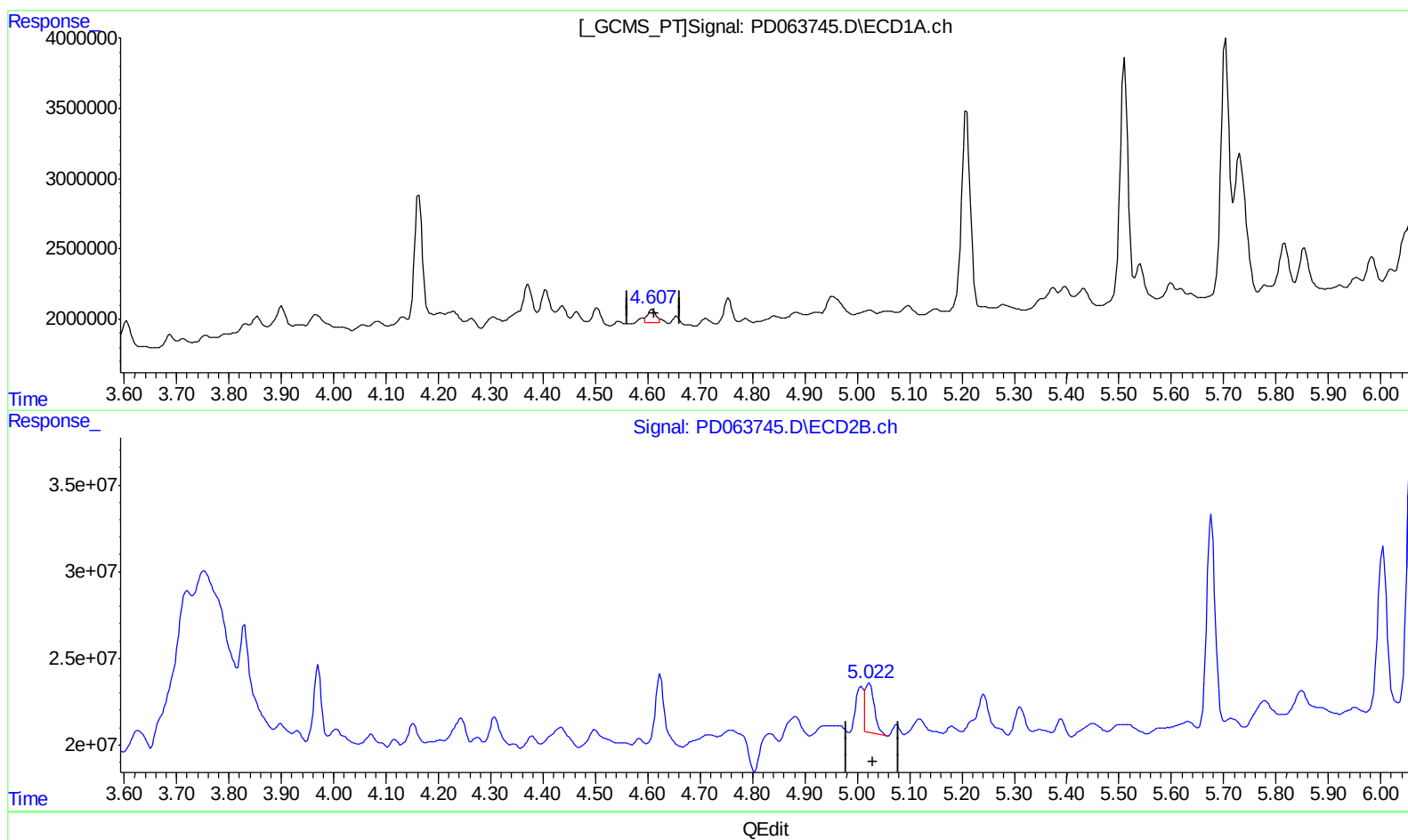
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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



(7) delta-BHC (B)
4.607min 0.562 ng/ml m
response 1097674

(7) delta-BHC #2 (B)
5.023min 1.608 ng/ml
response 35467699

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

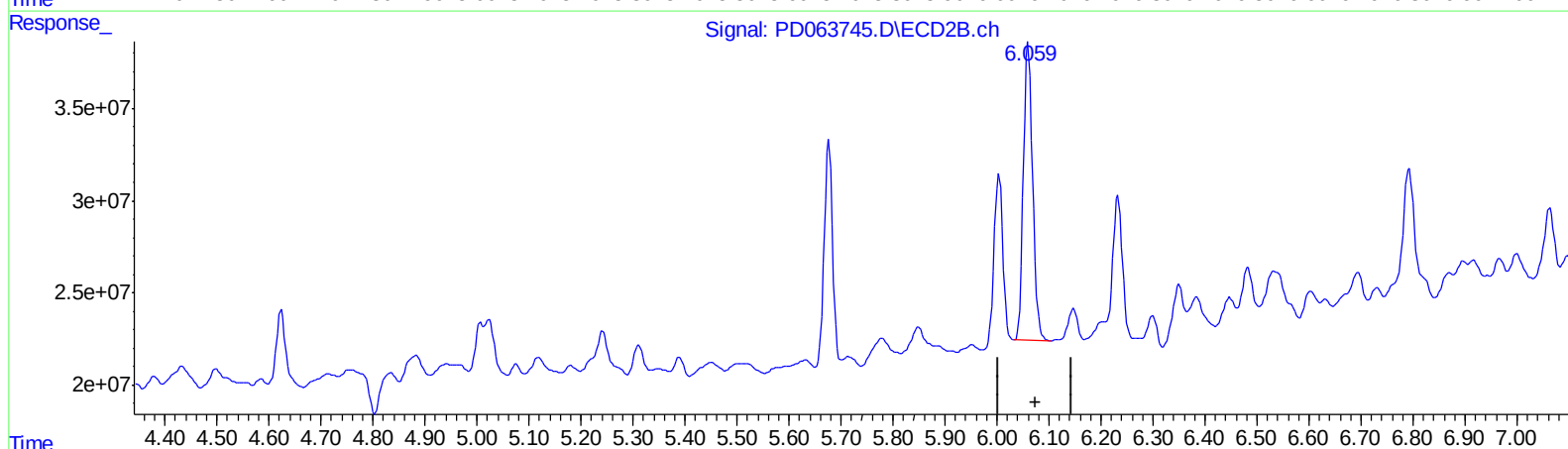
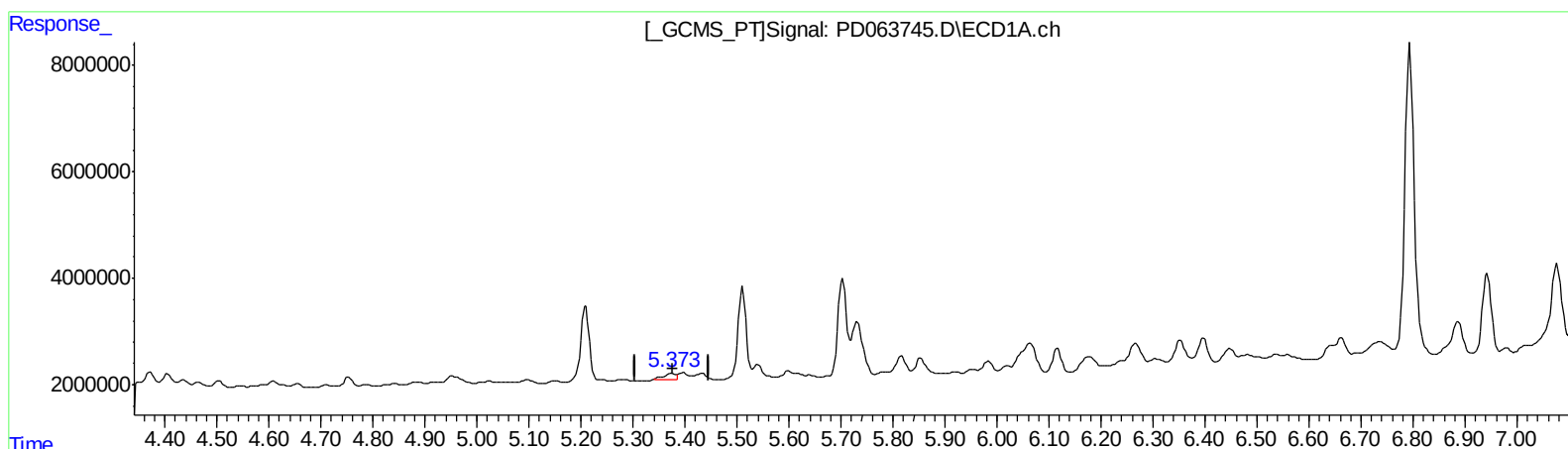
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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

(10) trans-Chlordane (B)

5.375min 0.958 ng/ml

response 1750988

(10) trans-Chlordane #2 (B)

6.060min 9.929 ng/ml

response 197856029

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

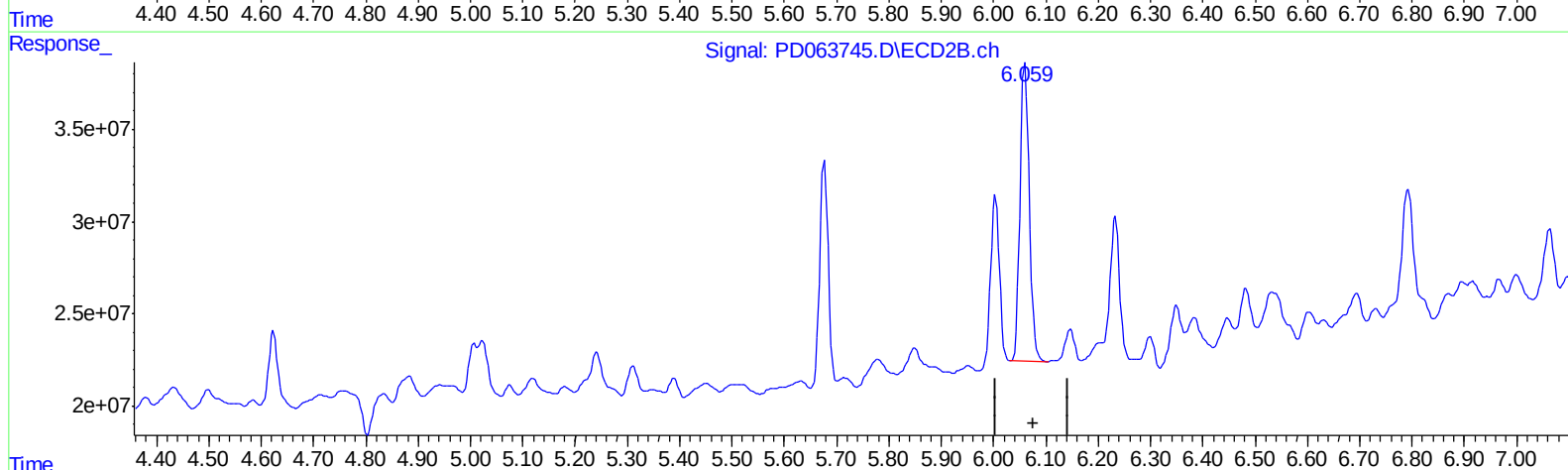
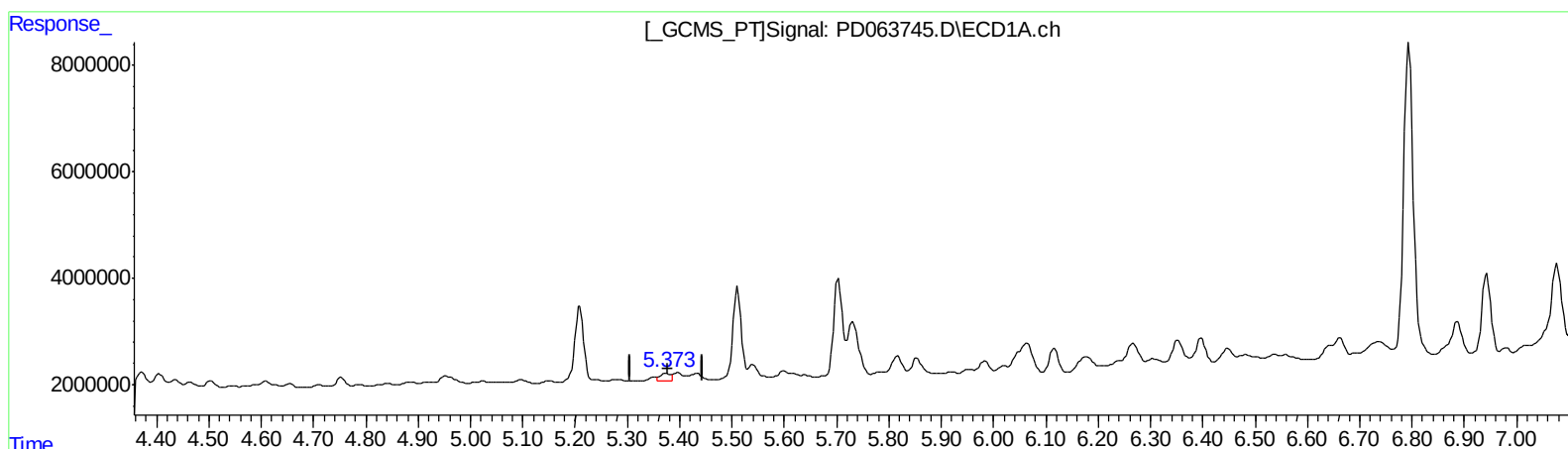
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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

(10) trans-Chlordane (B)

5.373min 1.026 ng/ml m

response 1876142

(10) trans-Chlordane #2 (B)

6.060min 9.929 ng/ml

response 197856029

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

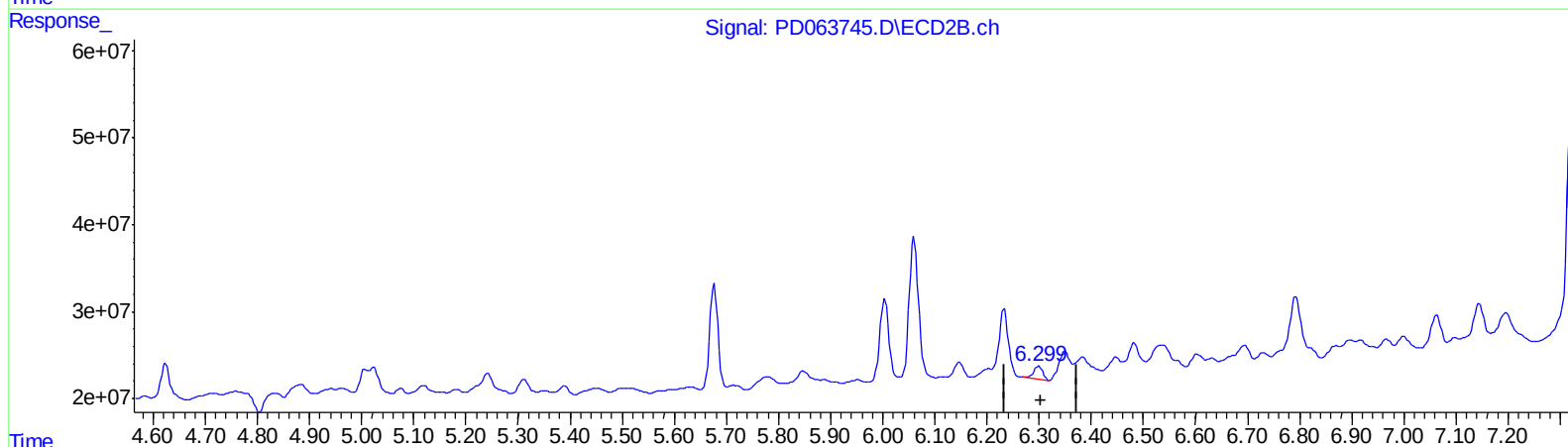
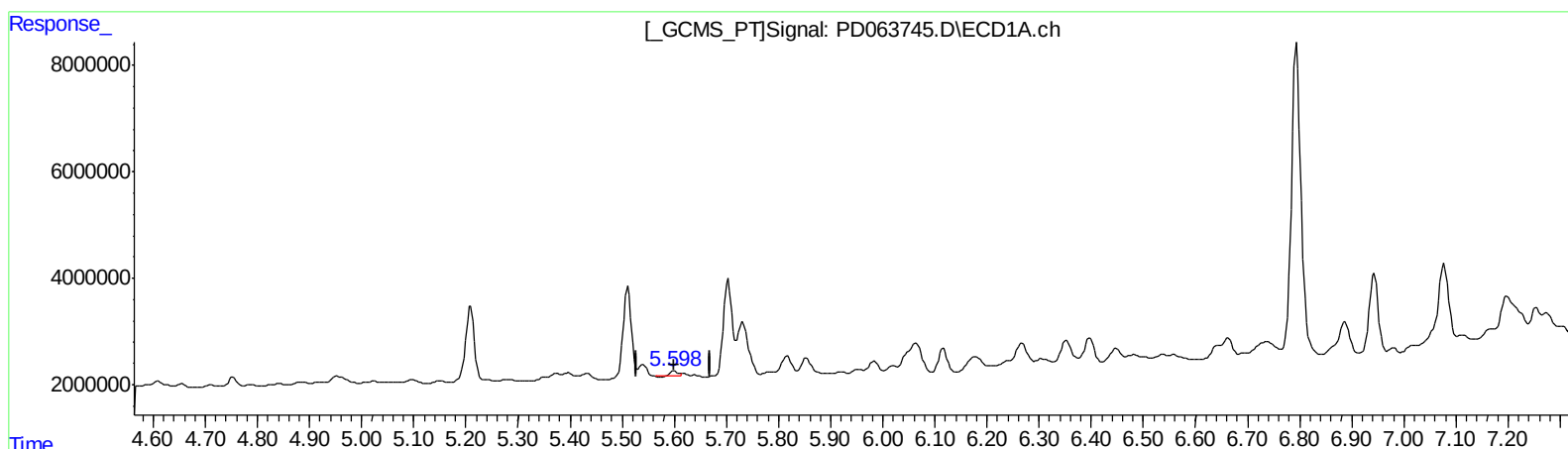
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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

(12) 4,4'-DDE (B)
5.599min 0.423 ng/ml
response 764122

(12) 4,4'-DDE #2 (B)
6.300min 0.949 ng/ml
response 17956693

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

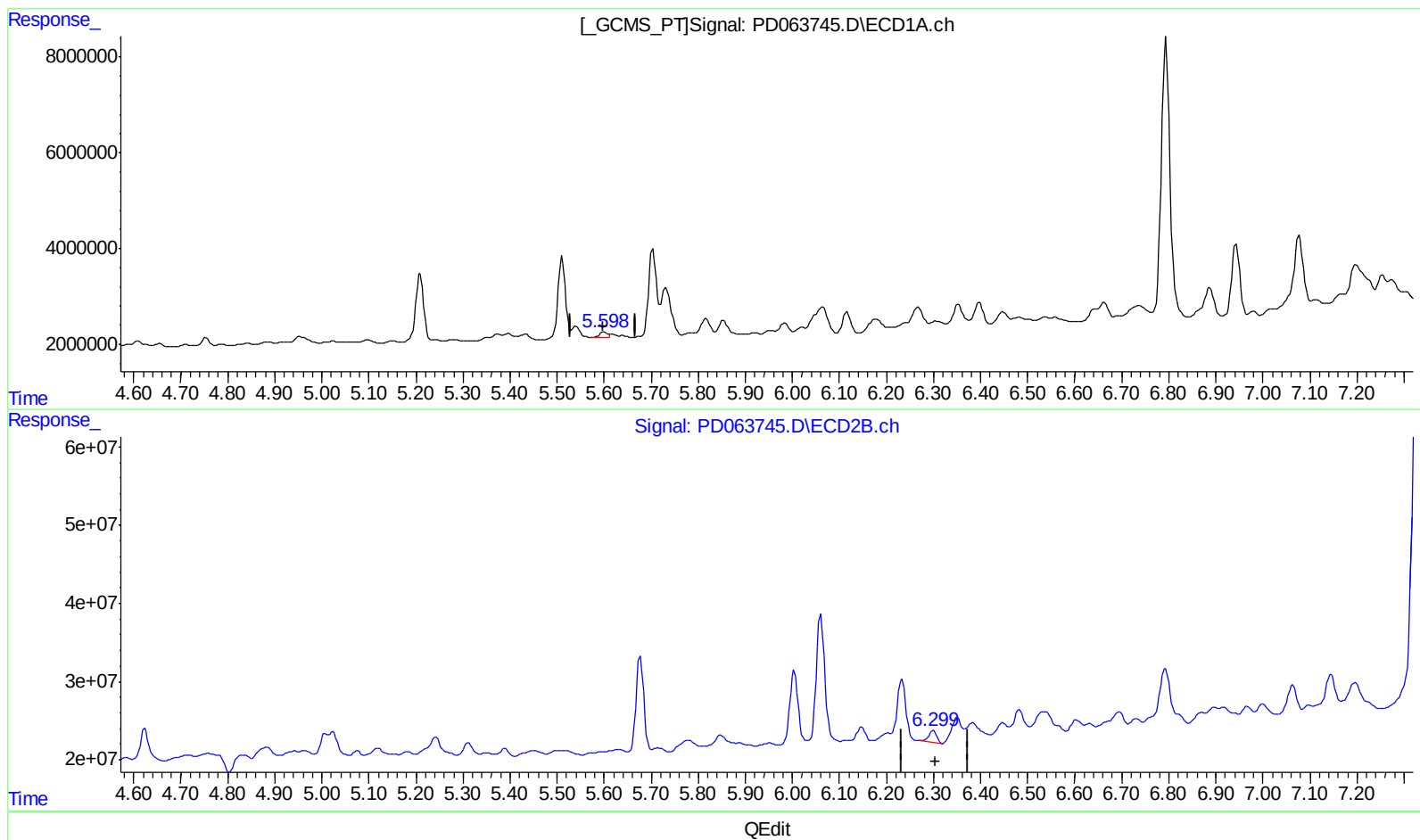
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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



(12) 4,4'-DDE (B)
5.598min 0.759 ng/ml m
response 1369718

(12) 4,4'-DDE #2 (B)
6.300min 0.949 ng/ml
response 17956693

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

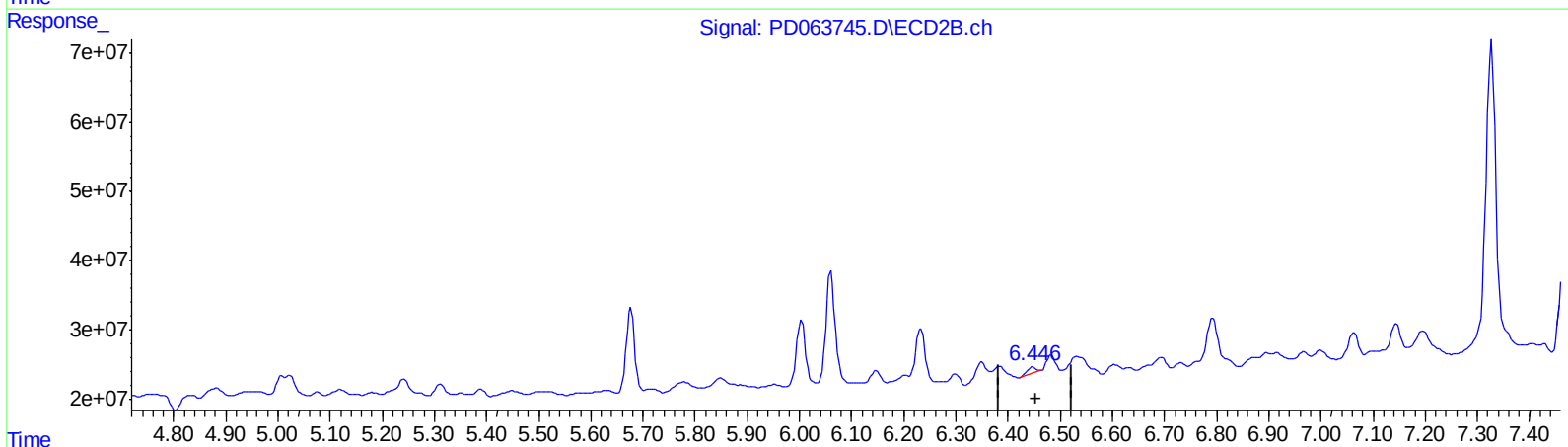
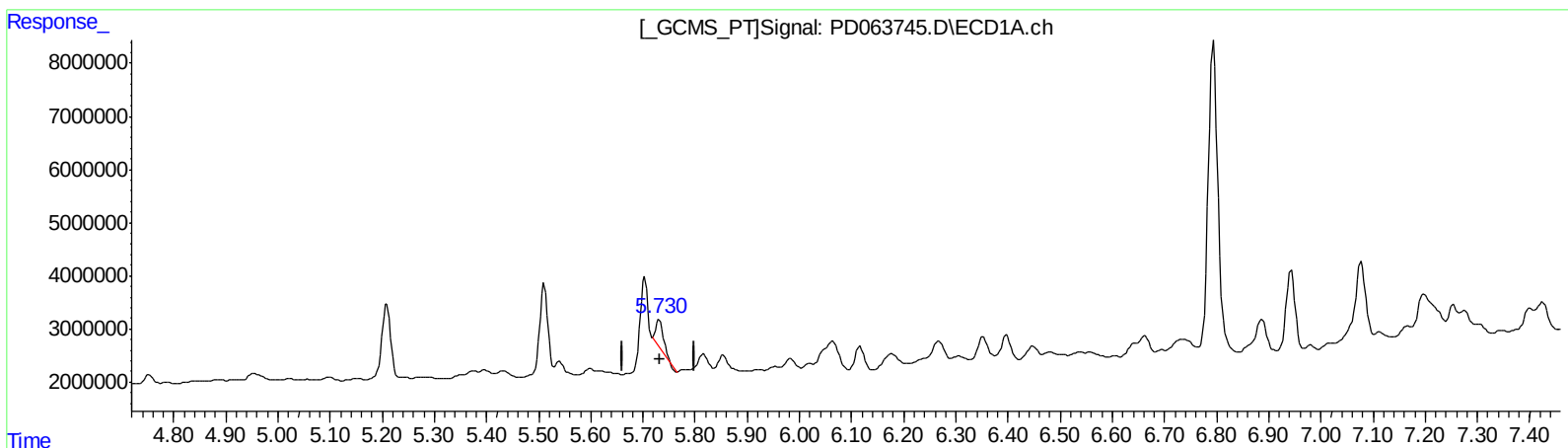
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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

(13) Dieldrin (MA)
5.731min 2.708 ng/ml
response 5073506

(13) Dieldrin #2 (MA)
6.448min 0.544 ng/ml
response 10408530

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

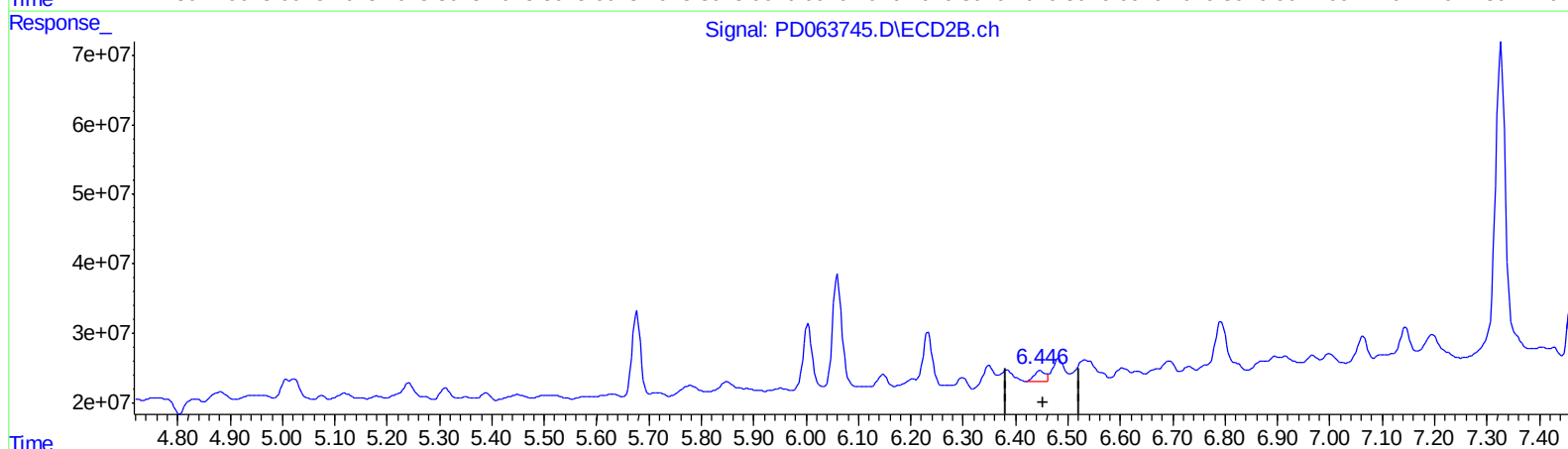
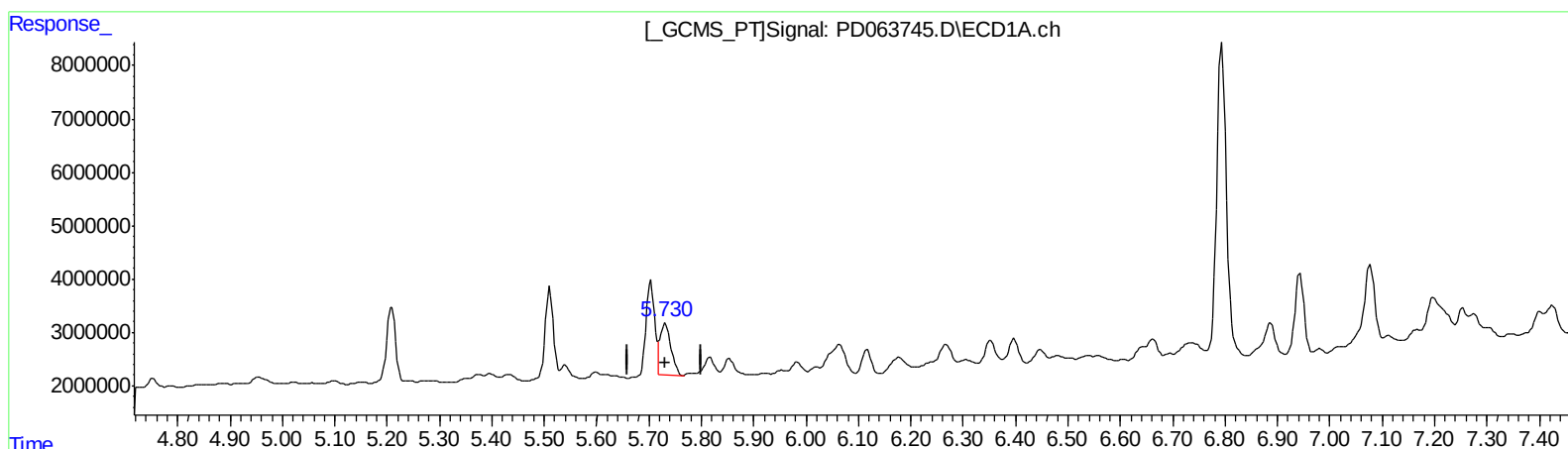
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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

(13) Dieldrin (MA)
5.730min 7.580 ng/ml m
response 14198321

(13) Dieldrin #2 (MA)
6.446min 1.194 ng/ml m
response 22852813

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

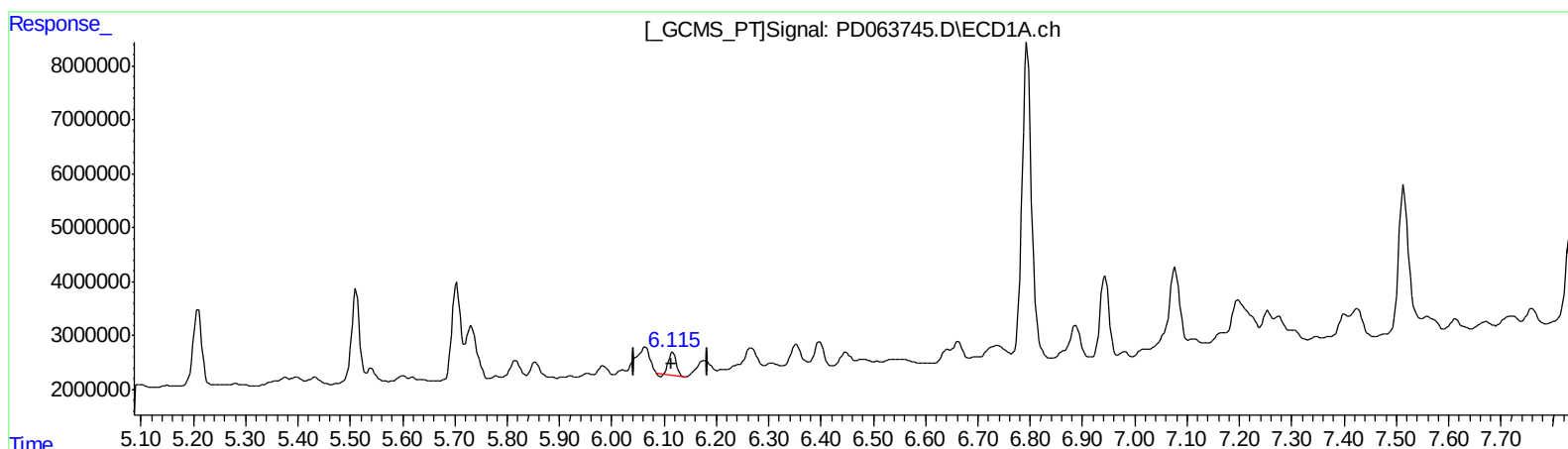
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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)
6.116min 2.897 ng/ml
response 4281277

(16) 4,4'-DDD #2 (A)
6.793min 7.680 ng/ml
response 116677333

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
Data File : PD063745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2021 18:16
Operator : AR\AJ
Sample : M2618-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

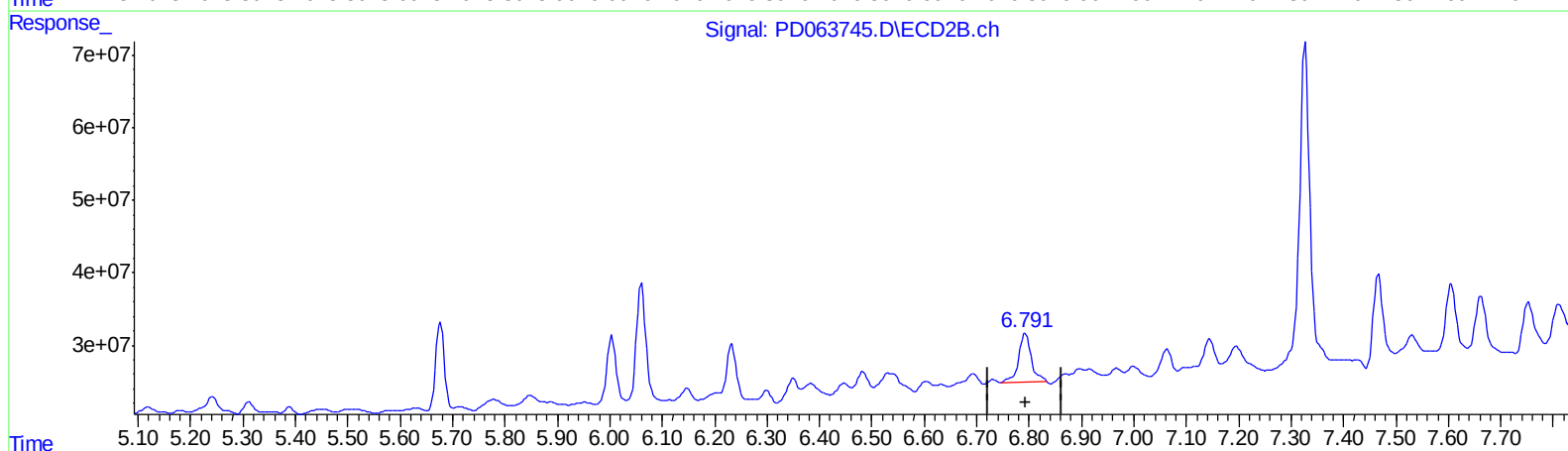
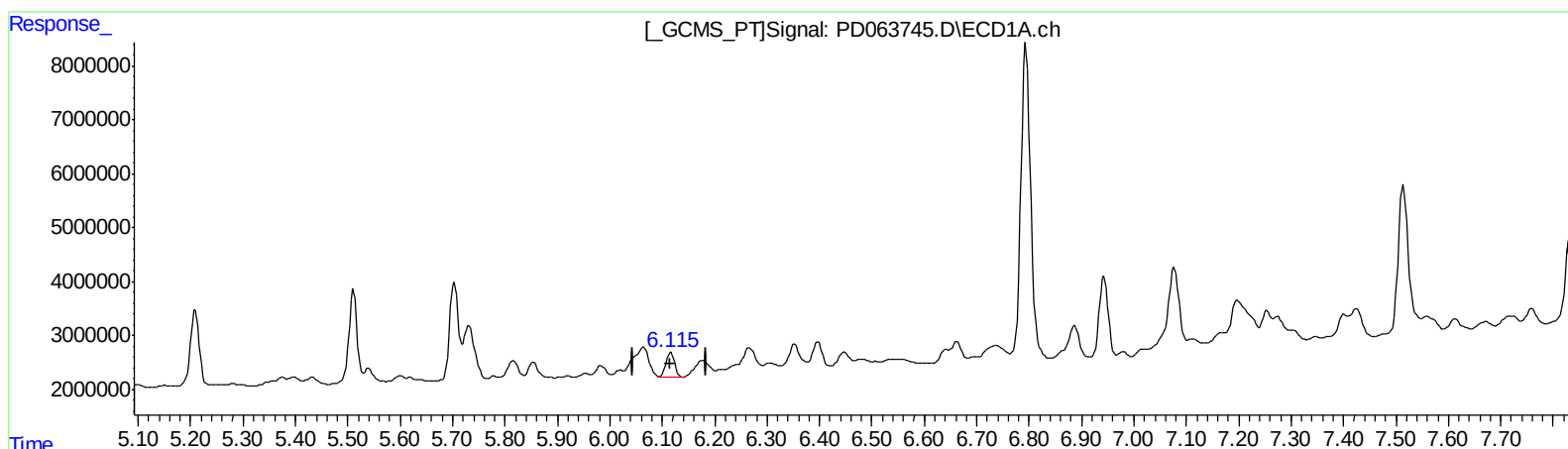
Instrument :
ECD_D
ClientSampleId :
BG5R1

Manual Integrations
APPROVED

Ankita
6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 04:05:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 06:08:10 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

(16) 4,4'-DDD (A)
6.115min 3.587 ng/ml m
response 5300584

(16) 4,4'-DDD #2 (A)
6.793min 7.680 ng/ml
response 116677333

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061021\
 Data File : PD063745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2021 18:16
 Operator : AR\AJ
 Sample : M2618-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BG5R1

Manual Integrations
 APPROVED

Ankita
 6/14/2021 2:38:47 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 04:05:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060321CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 03 06:08:10 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...	3.438	3.969	5517886	44047772	4.020	3.129m
27) SA Decachlor...	8.191	9.024	21636352	135.8E6	13.317	9.256m#
Target Compounds						
3) MA gamma-BHC...	4.161	4.622	8635232	50398904	4.289m	2.467m#
7) B delta-BHC	4.607	5.023	1097674	35467699	0.562m	1.608 #
10) B trans-Chl...	5.373	6.060	1876142	197.9E6	1.026m	9.929 #
11) B cis-Chlor...	5.433	6.147	1797430	20735194	1.013	1.097
12) B 4,4'-DDE	5.598	6.300	1369718	17956693	0.759m	0.949 #
13) MA Dieldrin	5.730	6.446	14198321	22852813	7.580m	1.194m#
16) A 4,4'-DDD	6.115	6.793	5300584	116.7E6	3.587m	7.680 #
18) B Endrin al...	6.448	7.000	2509573	13178087	1.926	0.998 #

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

AJ
 06/14/21