

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

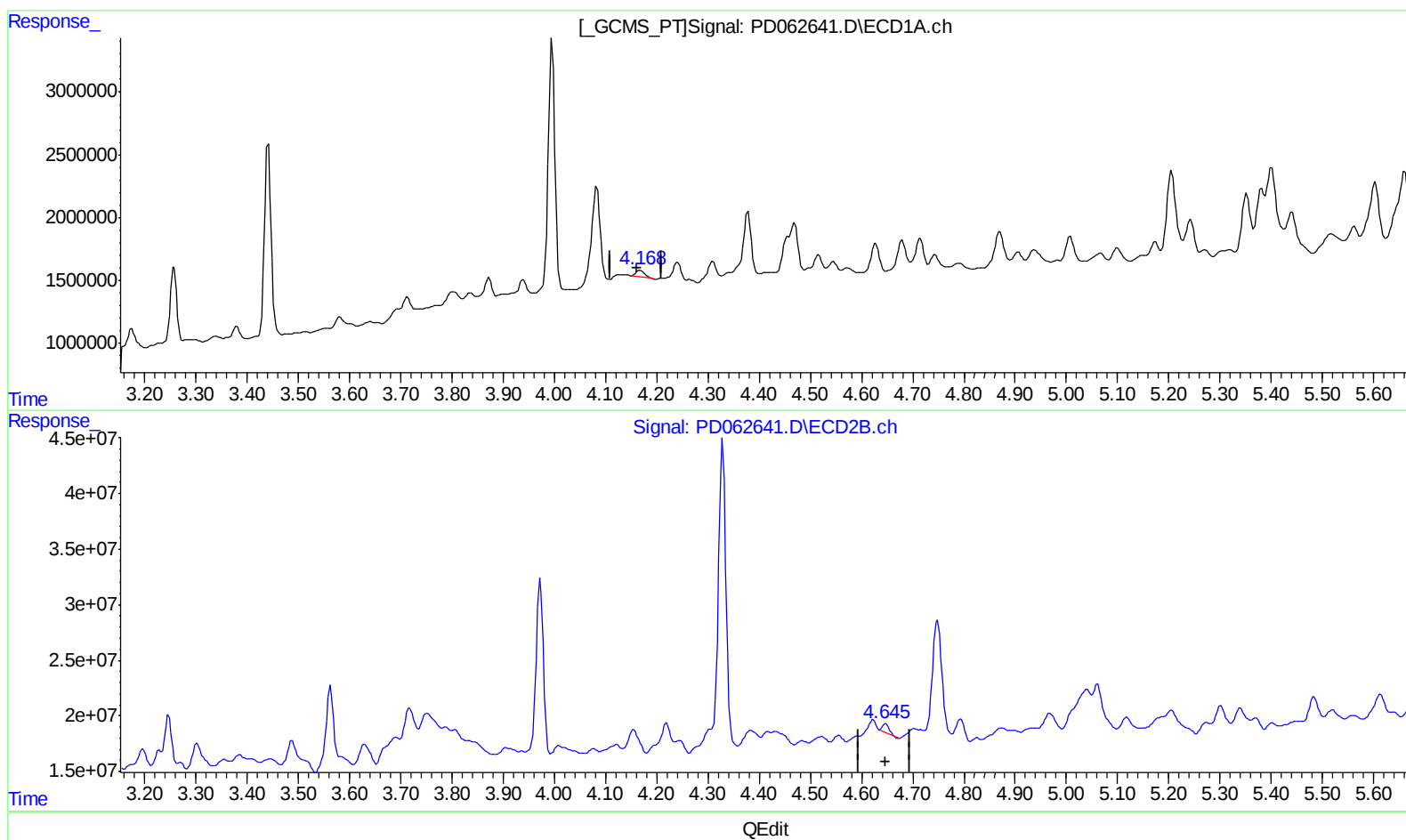
Instrument :
ECD_D
ClientSampleId :
BG578

Manual Integrations
APPROVED

Ankita
5/4/2021 4:37:38 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 23:21:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042921CLP.M
Quant Title : GC Extractables
QLast Update : Fri Apr 30 02:49:51 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)

4.168min 0.466 ng/ml

response 621872

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

4.647min 0.427 ng/ml

response 7379875

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
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Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

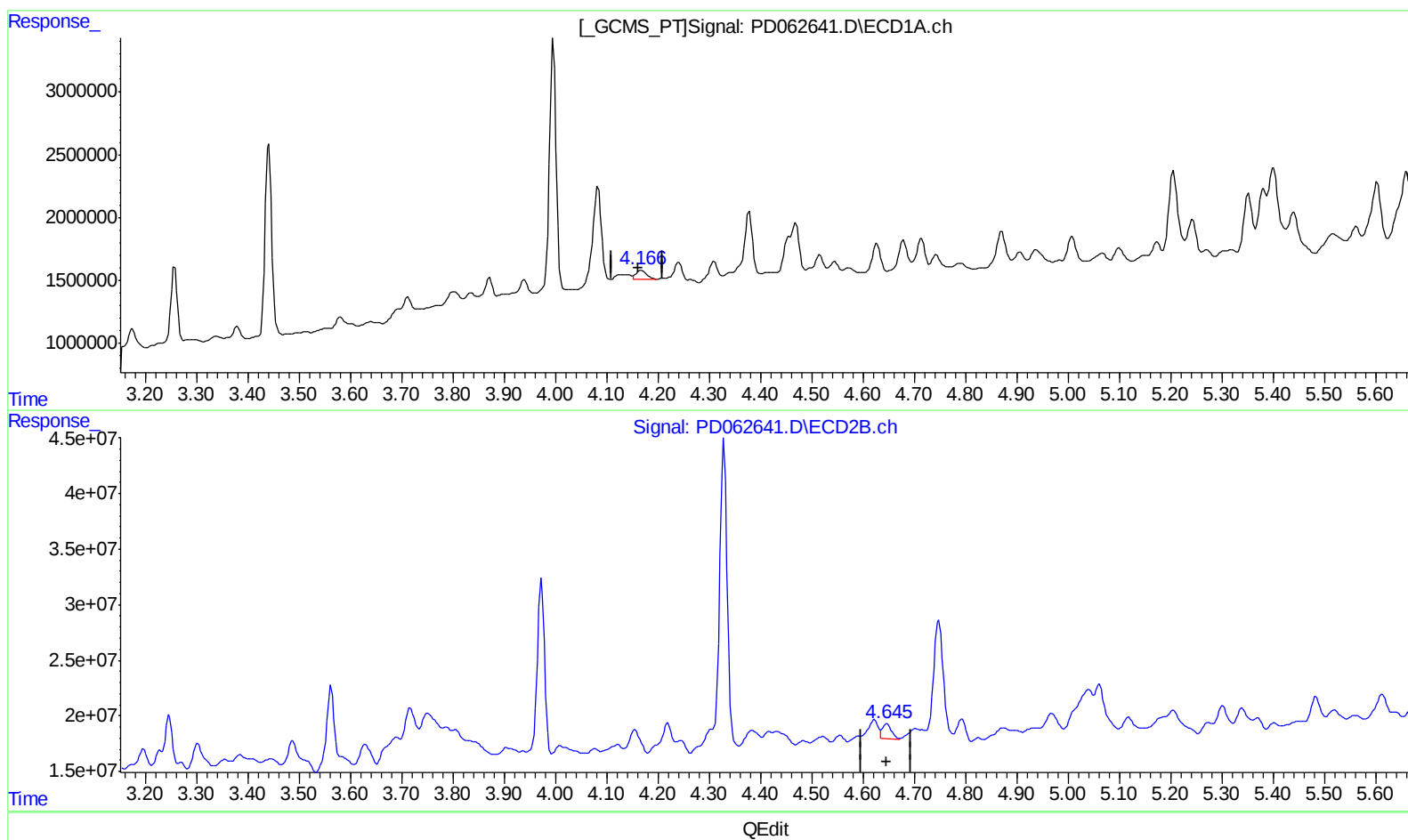
Instrument :
ECD_D
ClientSampleId :
BG578

Manual Integrations
APPROVED

Ankita
5/4/2021 4:37:38 PM

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



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

4.166min 0.737 ng/ml m

response 984385

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

4.645min 0.935 ng/ml m

response 16151690

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

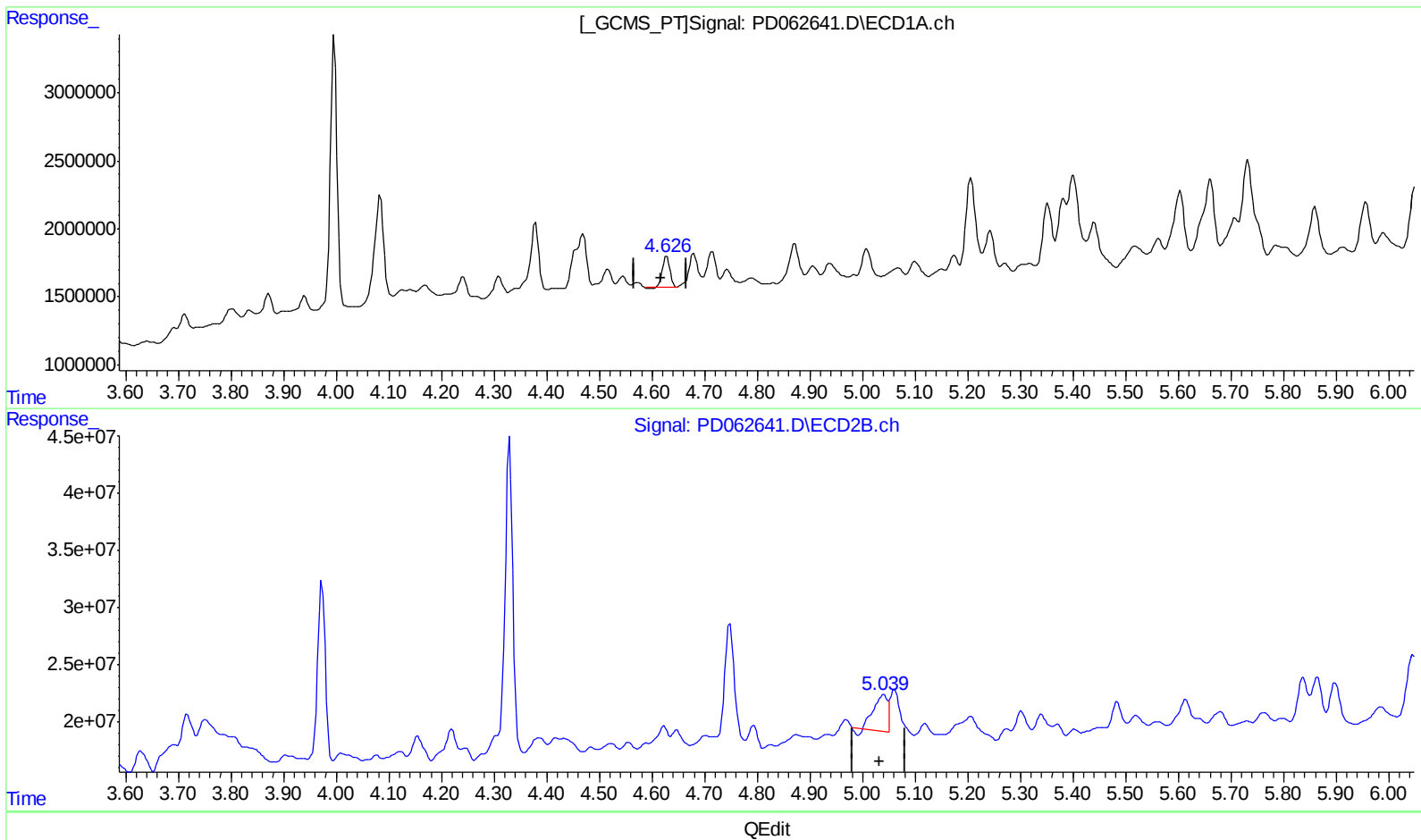
Instrument :
ECD_D
ClientSampled :
BG578

Manual Integrations
APPROVED

Ankita
5/4/2021 4:37:38 PM

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



(7) delta-BHC (B)

4.627min 1.644 ng/ml

response 2236549

(7) delta-BHC #2 (B)

5.040min 2.928 ng/ml

response 54330387

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

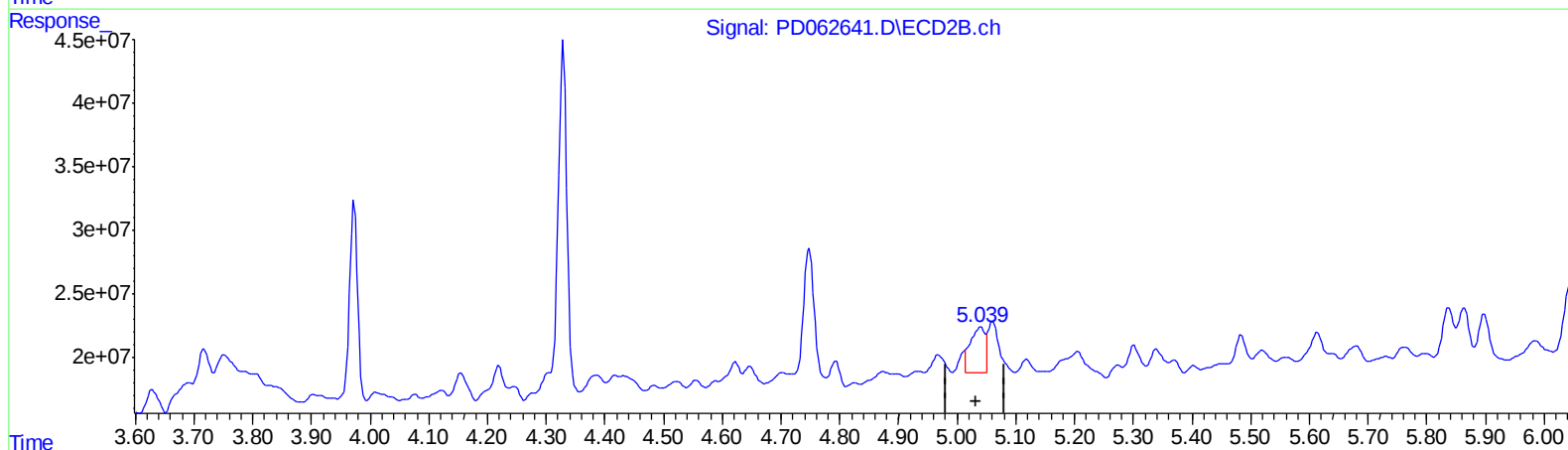
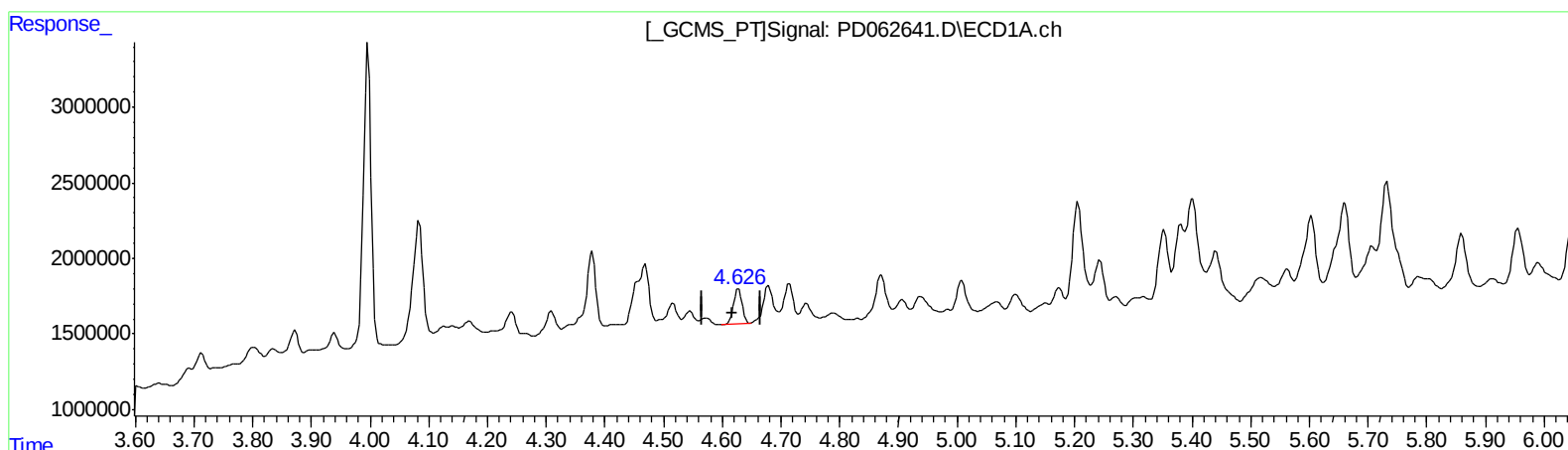
Instrument :
ECD_D
ClientSampled :
BG578

Manual Integrations
APPROVED

Ankita
5/4/2021 4:37:38 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



QEdit

(7) delta-BHC (B)

4.626min 1.792 ng/ml m

response 2437840

(7) delta-BHC #2 (B)

5.039min 3.328 ng/ml m

response 61747796

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

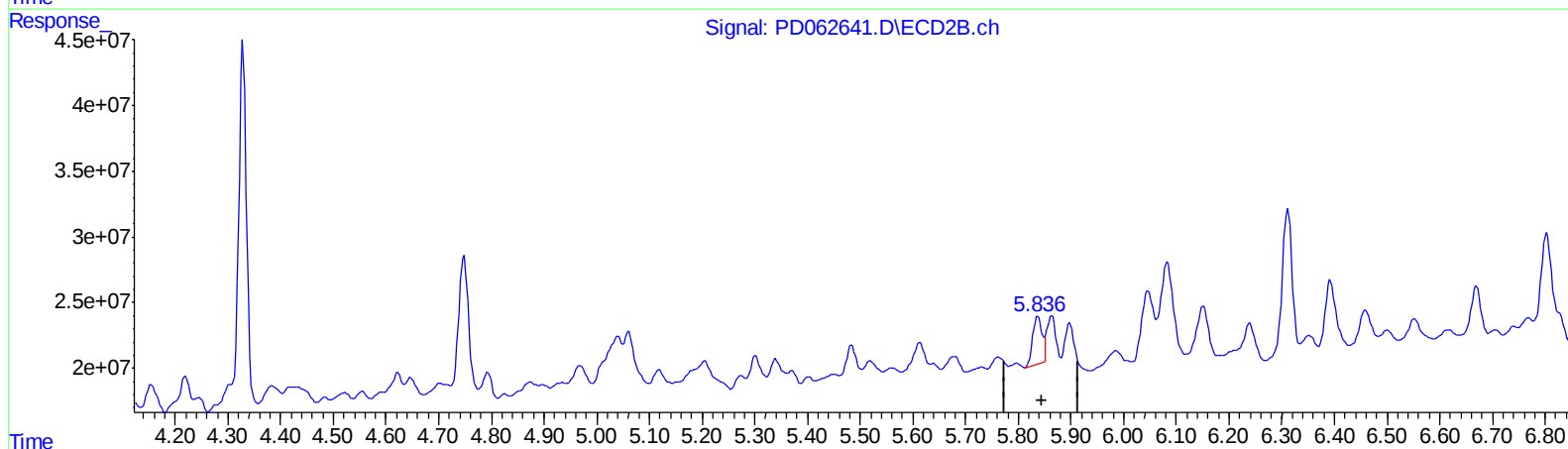
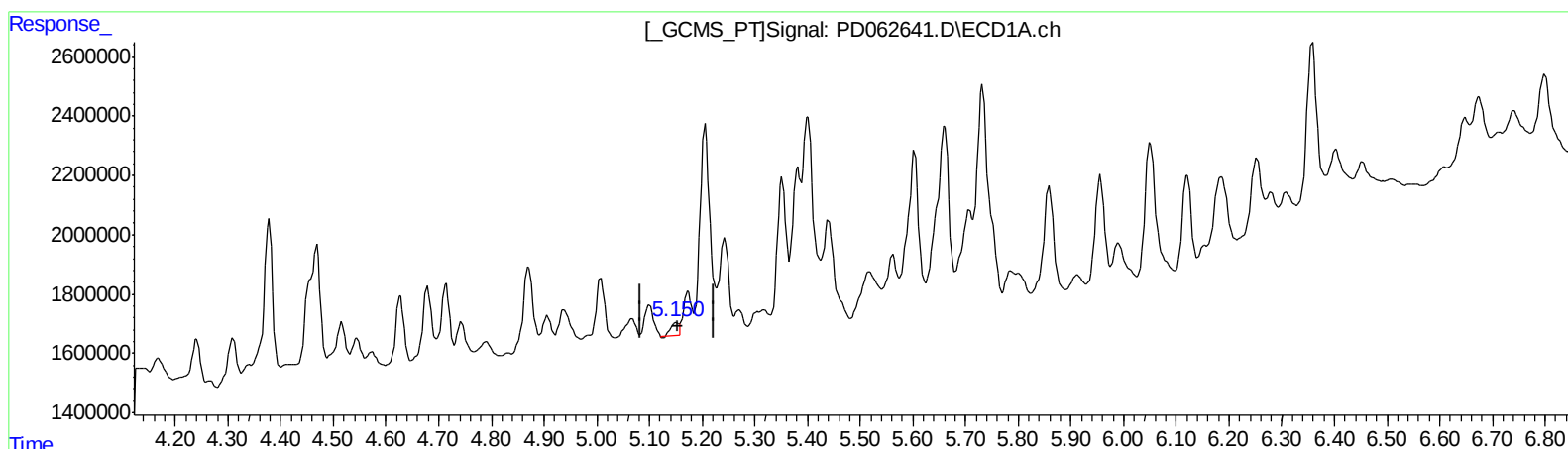
Instrument :
ECD_D
ClientSampleId :
BG578

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

(8) Heptachlor epoxide (B)

5.151min 0.338 ng/ml

response 413726

(8) Heptachlor epoxide #2 (B)

5.837min 2.705 ng/ml

response 43378674

(+) = Expected Retention Time

PD042921CLP.M Mon May 03 05:56:33 2021

Page: 1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
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Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

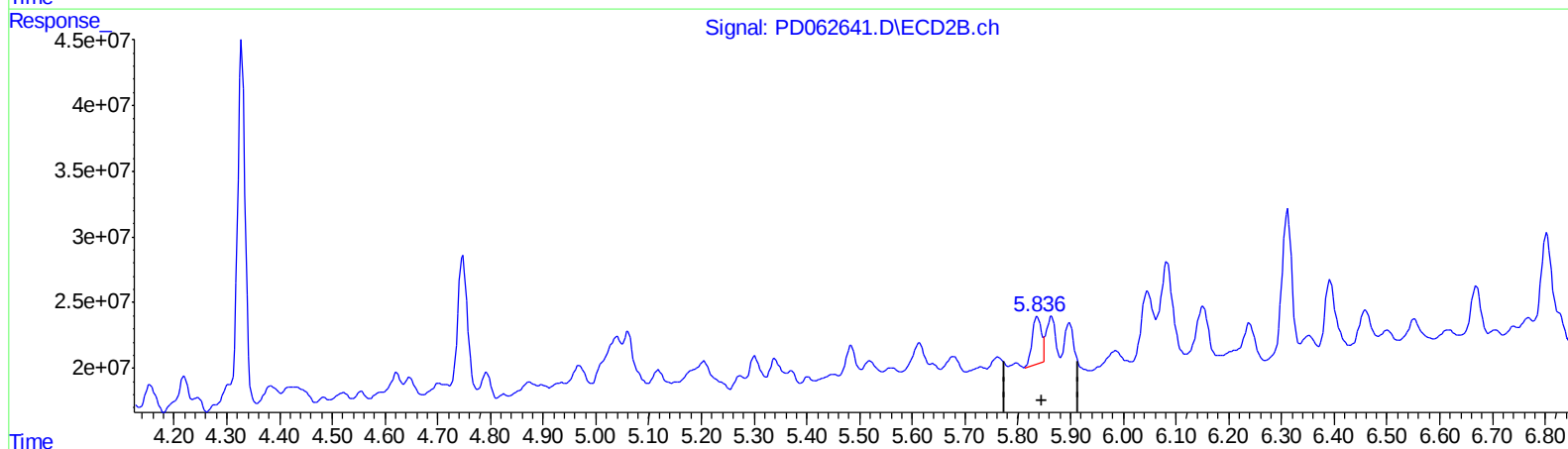
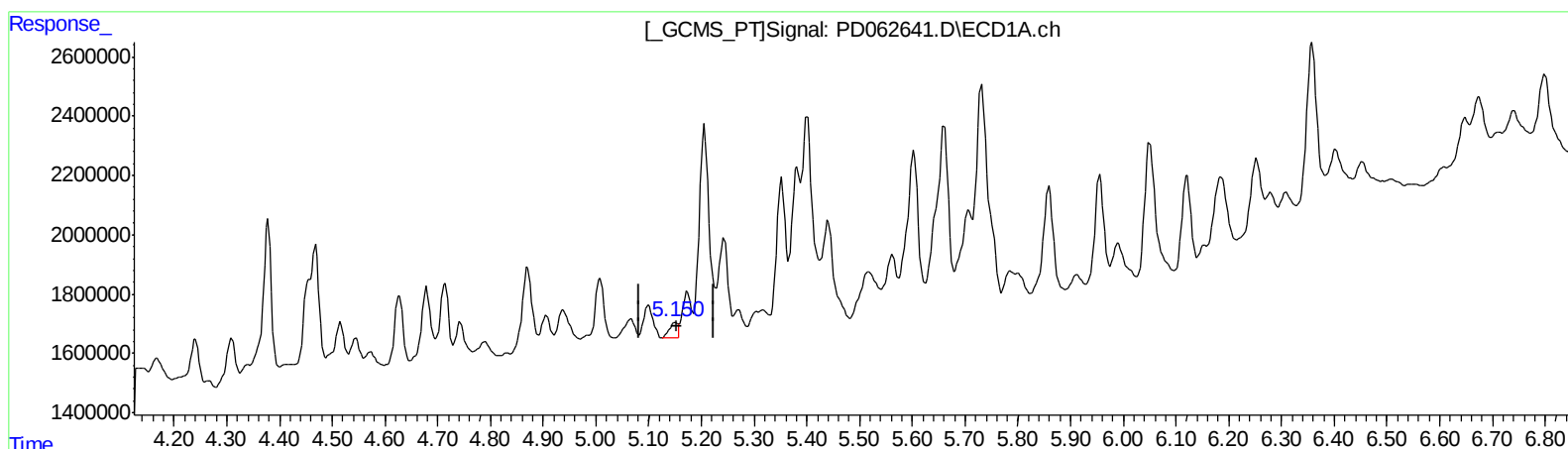
Instrument :
ECD_D
ClientSampleId :
BG578

Manual Integrations
APPROVED

Ankita
5/4/2021 4:37:38 PM

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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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QEdit

(8) Heptachlor epoxide (B)

5.150min 0.457 ng/ml m

response 559760

(8) Heptachlor epoxide #2 (B)

5.837min 2.705 ng/ml

response 43378674

(+) = Expected Retention Time

PD042921CLP.M Mon May 03 05:56:46 2021

Page: 1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
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Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

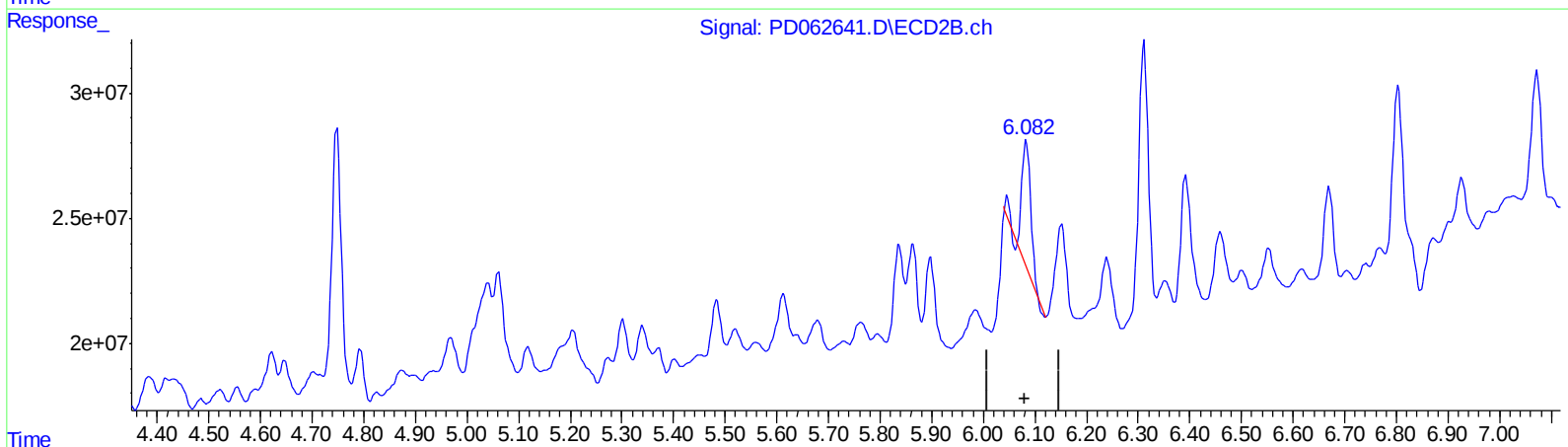
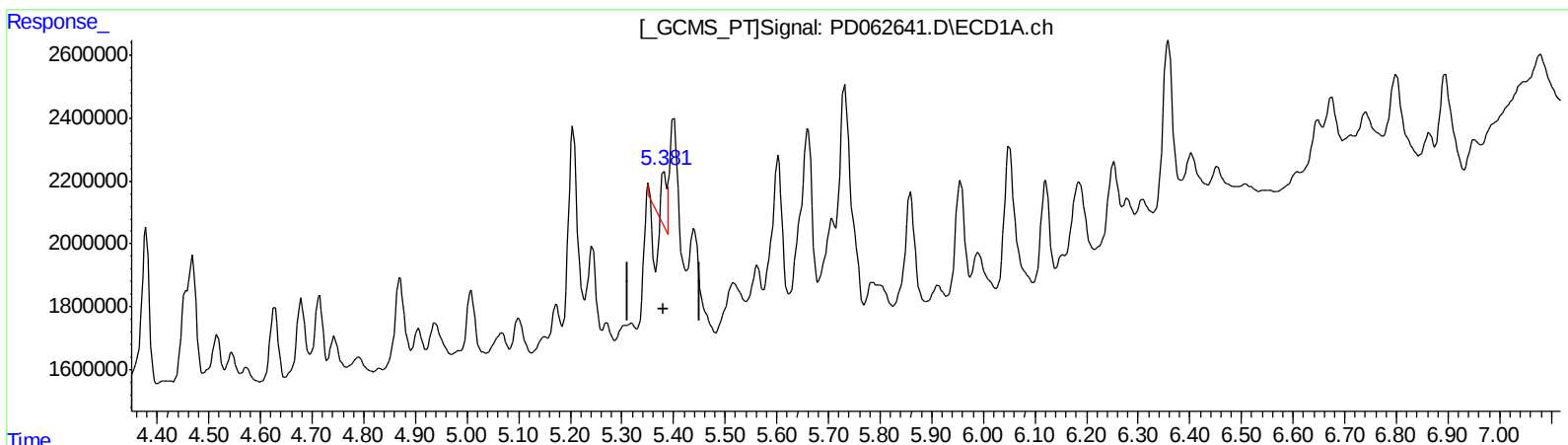
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

Ankita
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QEdit

(10) trans-Chlordane (B)

5.382min 0.109 ng/ml

response 136518

(10) trans-Chlordane #2 (B)

6.083min 3.757 ng/ml

response 61525633

(+) = Expected Retention Time

PD042921CLP.M Mon May 03 05:56:53 2021

Page: 1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
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Misc :
ALS Vial : 32 Sample Multiplier: 1

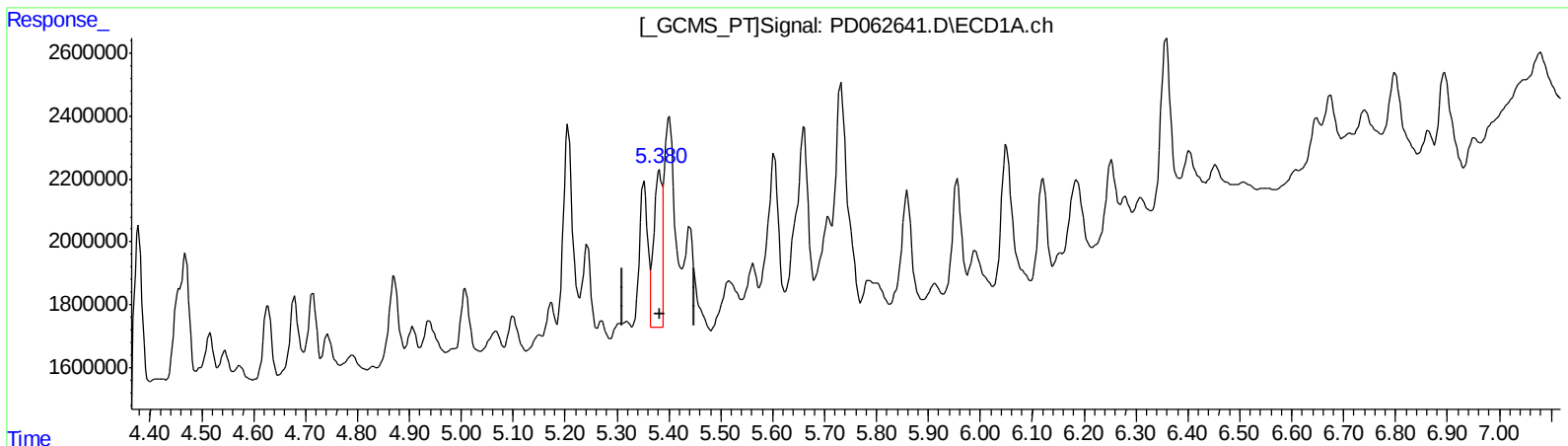
Instrument :
ECD_D
ClientSampleId :
BG578

Manual Integrations
APPROVED

Ankita
5/4/2021 4:37:38 PM

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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



(10) trans-Chlordane (B)

5.380min 4.818 ng/ml m

response 6040668

(10) trans-Chlordane #2 (B)

6.082min 7.272 ng/ml m

response 119096091

QEdit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

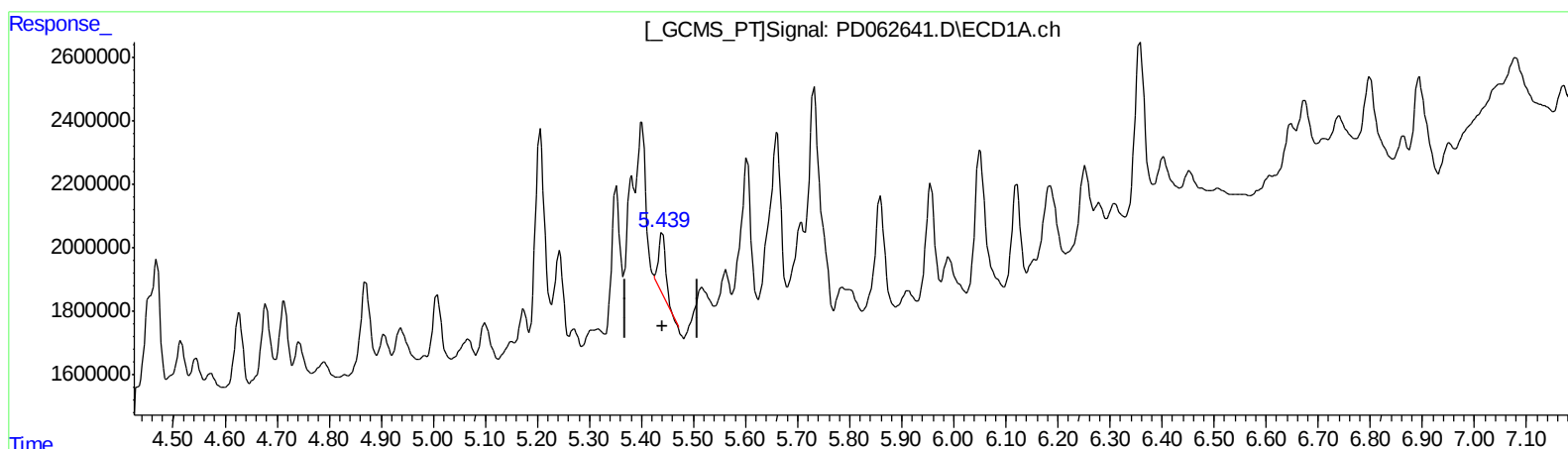
Instrument :
ECD_D
ClientSampleId :
BG578

Manual Integrations
APPROVED

Ankita
5/4/2021 4:37:38 PM

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

(11) cis-Chlordane (B)

5.440min 1.283 ng/ml

response 1575121

(11) cis-Chlordane #2 (B)

6.152min 3.649 ng/ml

response 56645651

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

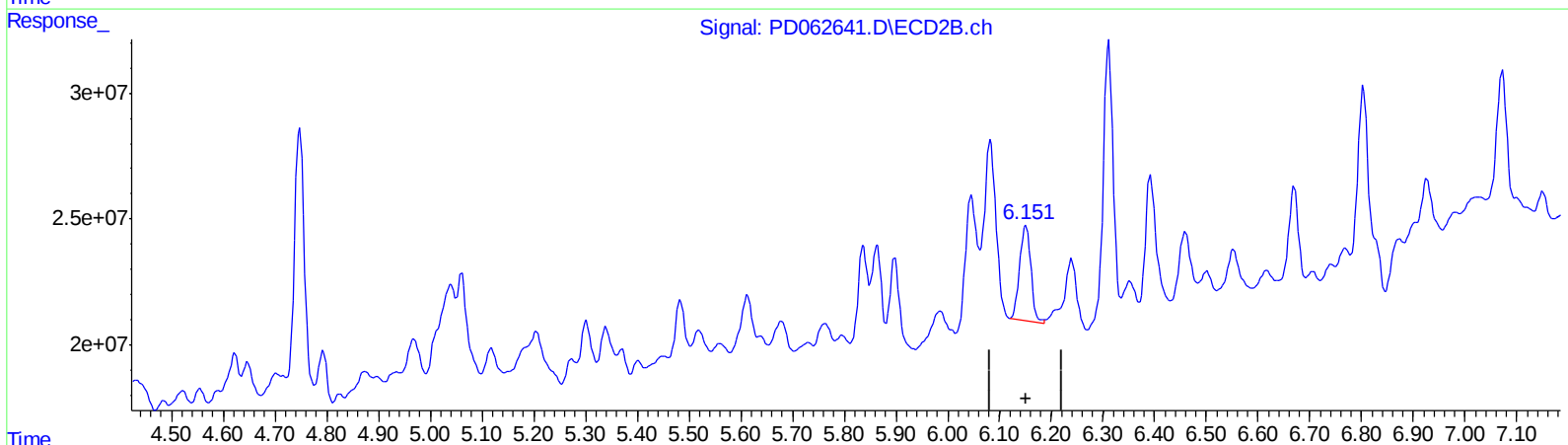
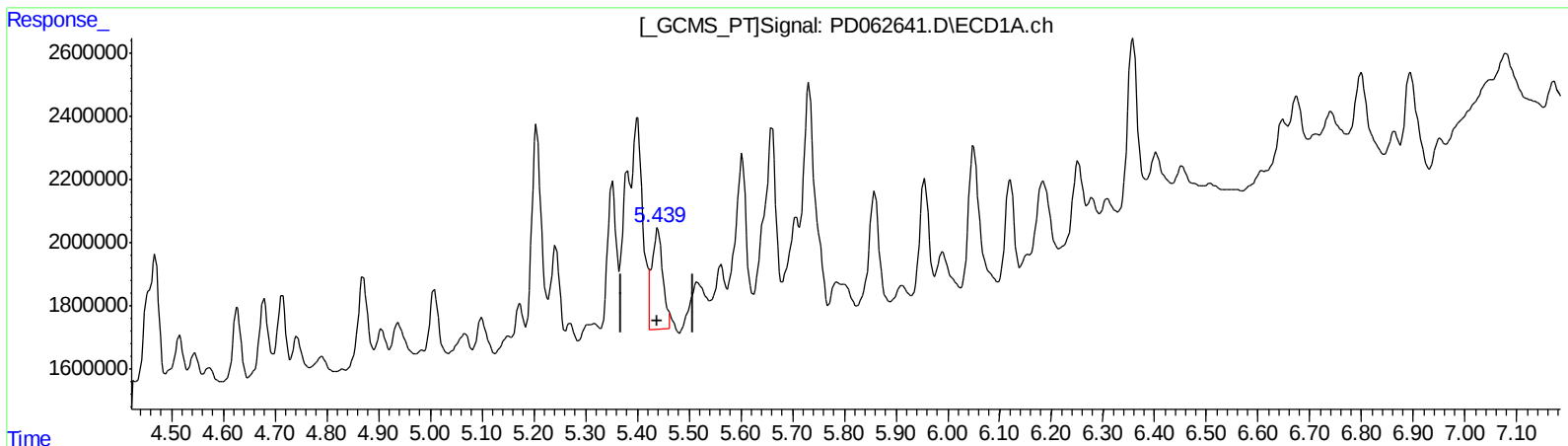
Instrument :
ECD_D
ClientSampleId :
BG578

Manual Integrations
APPROVED

Ankita
5/4/2021 4:37:38 PM

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

(11) cis-Chlordane (B)

5.439min 3.806 ng/ml m

response 4673159

(11) cis-Chlordane #2 (B)

6.152min 3.649 ng/ml

response 56645651

(+) = Expected Retention Time

PD042921CLP.M Mon May 03 05:57:44 2021

Page: 1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

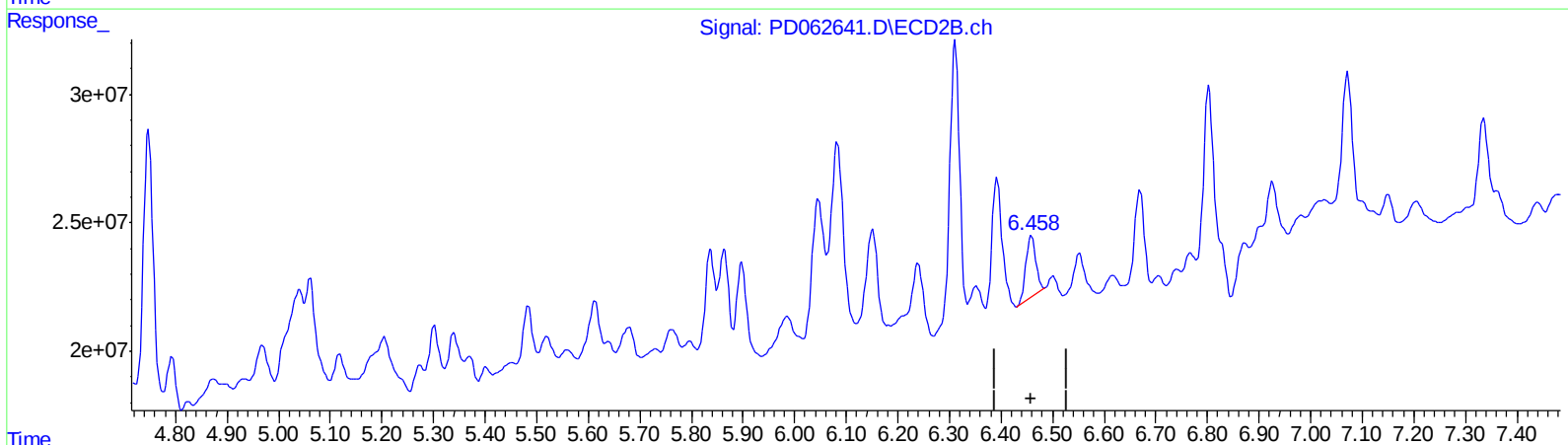
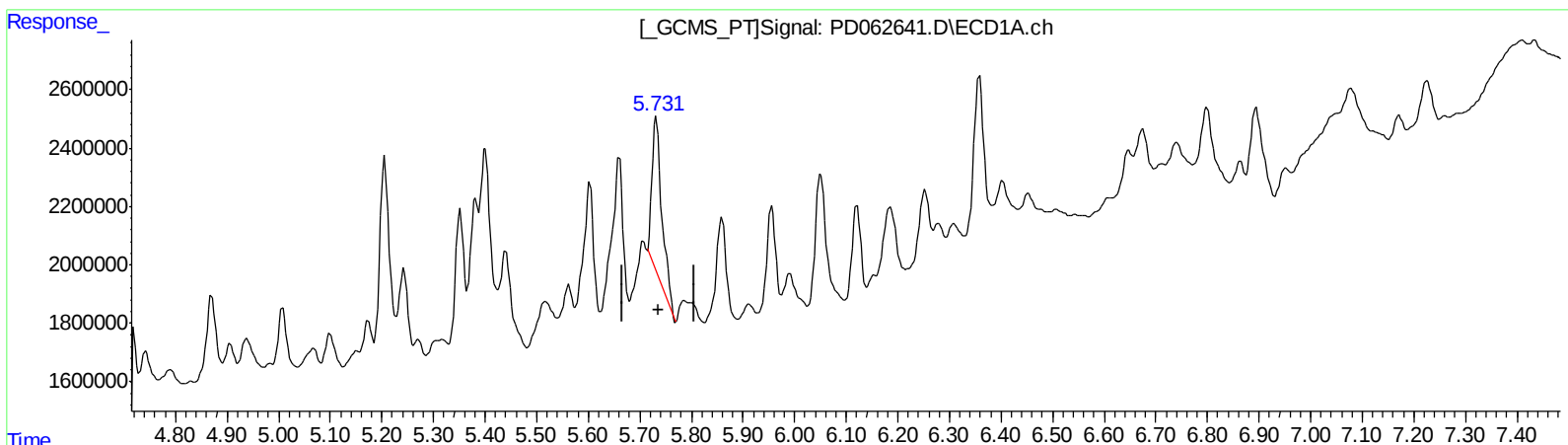
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
APPROVED

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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



QEdit

(13) Dieldrin (MA)
5.732min 5.614 ng/ml
response 7076162

(13) Dieldrin #2 (MA)
6.459min 2.053 ng/ml
response 31833444

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

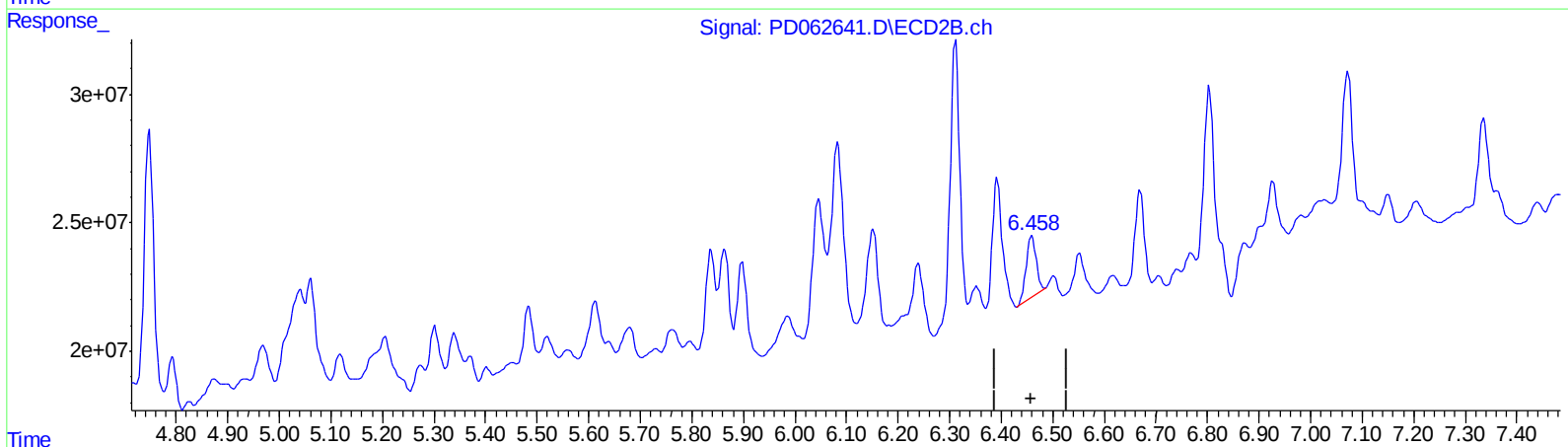
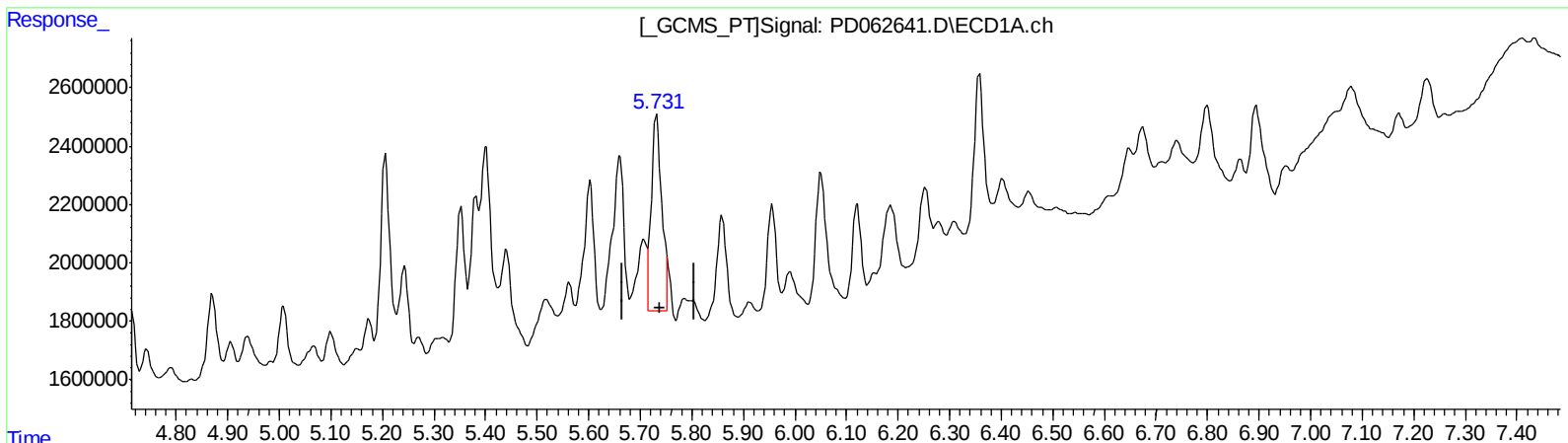
Instrument :
ECD_D
ClientSampleId :
BG578

Manual Integrations
APPROVED

Ankita
5/4/2021 4:37:38 PM

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

(13) Dieldrin (MA)
5.731min 7.762 ng/ml m
response 9784141

(13) Dieldrin #2 (MA)
6.459min 2.053 ng/ml
response 31833444

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

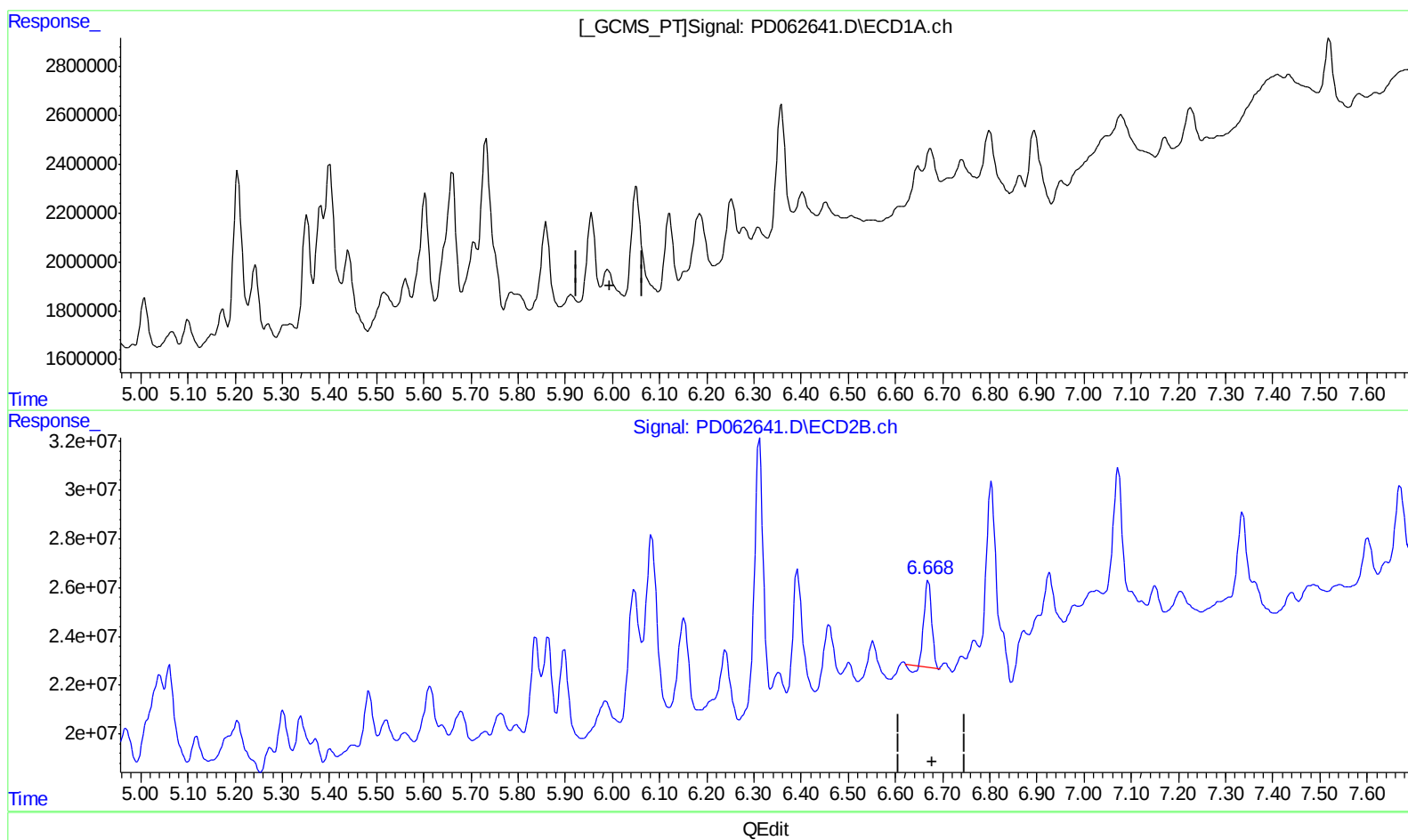
Instrument :
ECD_D
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Manual Integrations
APPROVED

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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



(14) Endrin (MA)

5.990min -2.274 ng/ml

response -2406159

(14) Endrin #2 (MA)

6.670min 3.061 ng/ml

response 38179585

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

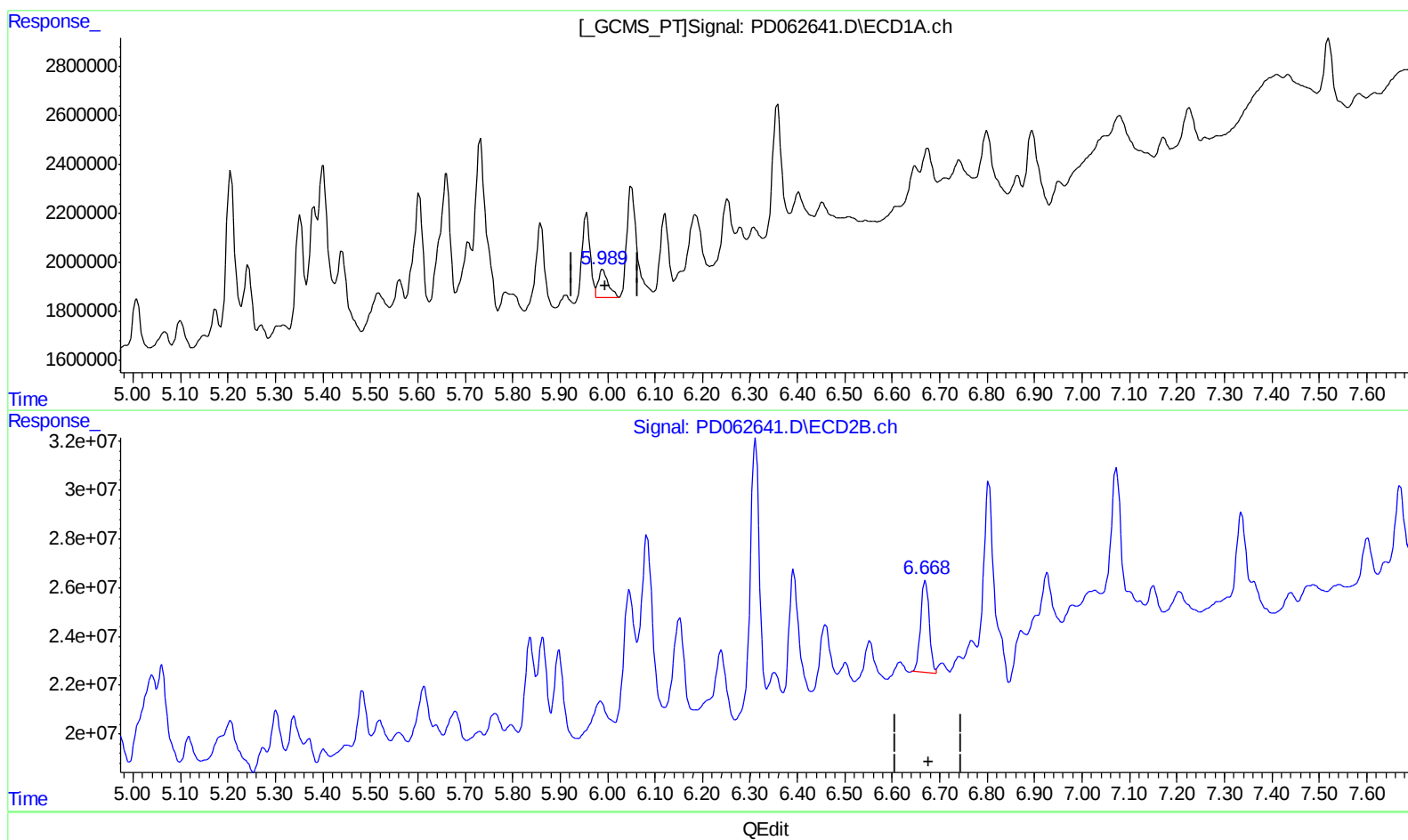
Instrument :
ECD_D
ClientSampleId :
BG578

Manual Integrations
APPROVED

Ankita
5/4/2021 4:37:38 PM

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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



(14) Endrin (MA)

5.989min 1.615 ng/ml m

response 1708306

(14) Endrin #2 (MA)

6.668min 3.825 ng/ml m

response 47707293

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
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Operator : AR\AJ
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Misc :
ALS Vial : 32 Sample Multiplier: 1

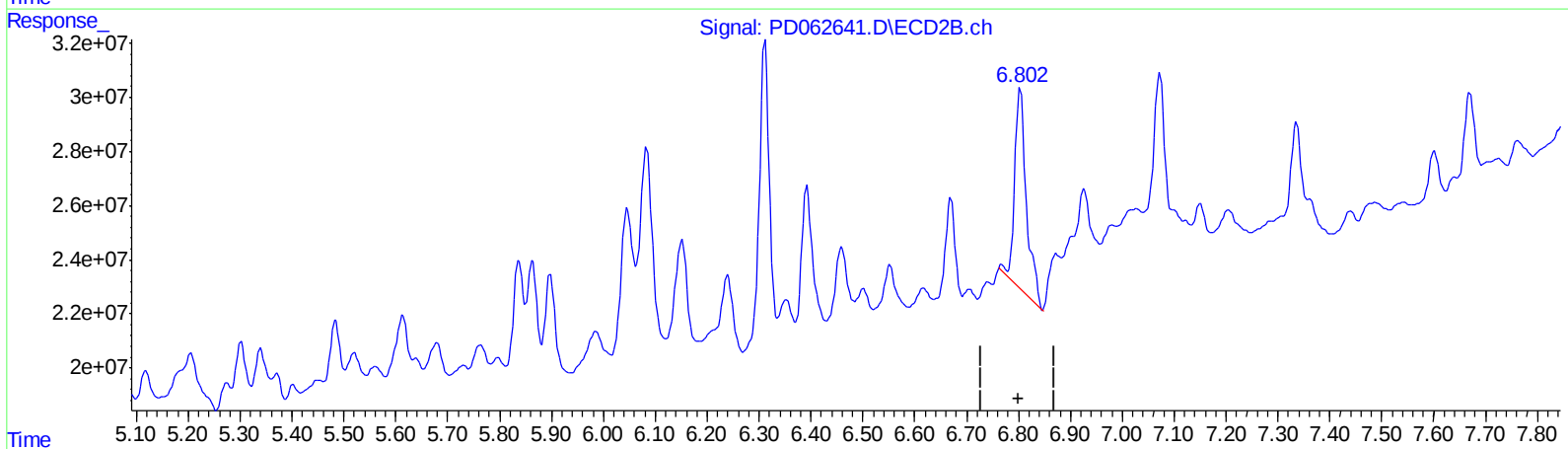
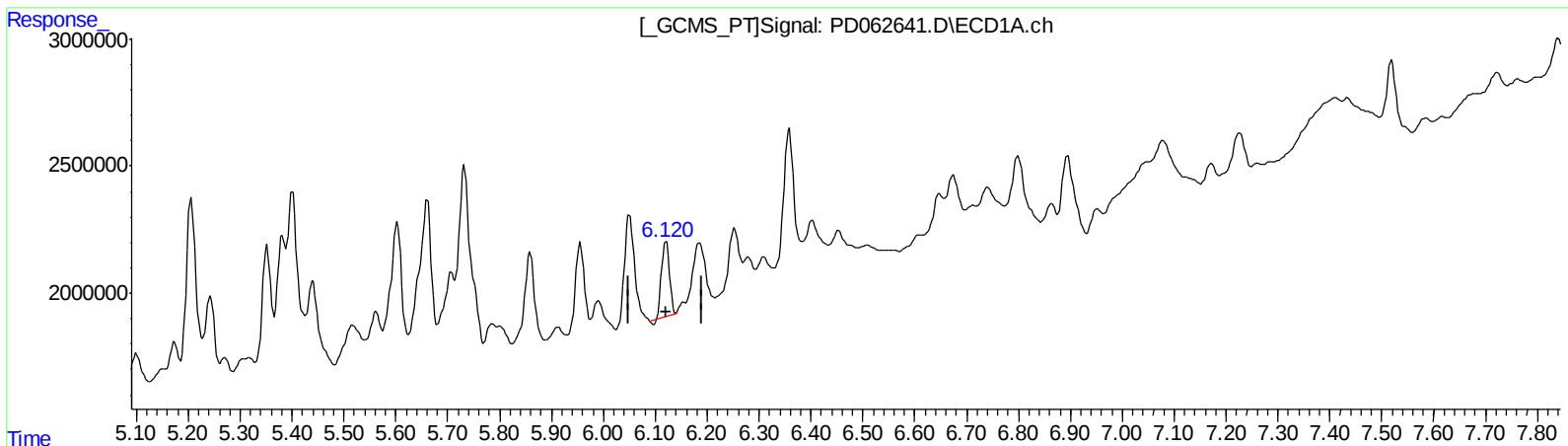
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Manual Integrations
APPROVED

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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



QEdit

(16) 4,4'-DDD (A)
6.121min 3.019 ng/ml
response 3006360

(16) 4,4'-DDD #2 (A)
6.803min 9.375 ng/ml
response 116515274

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

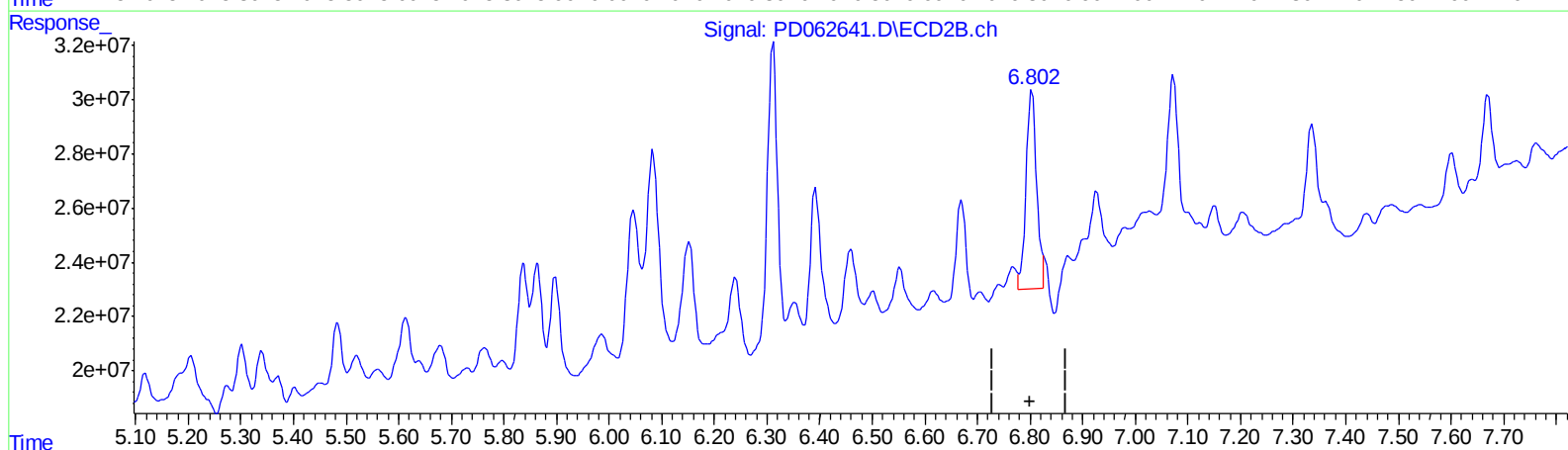
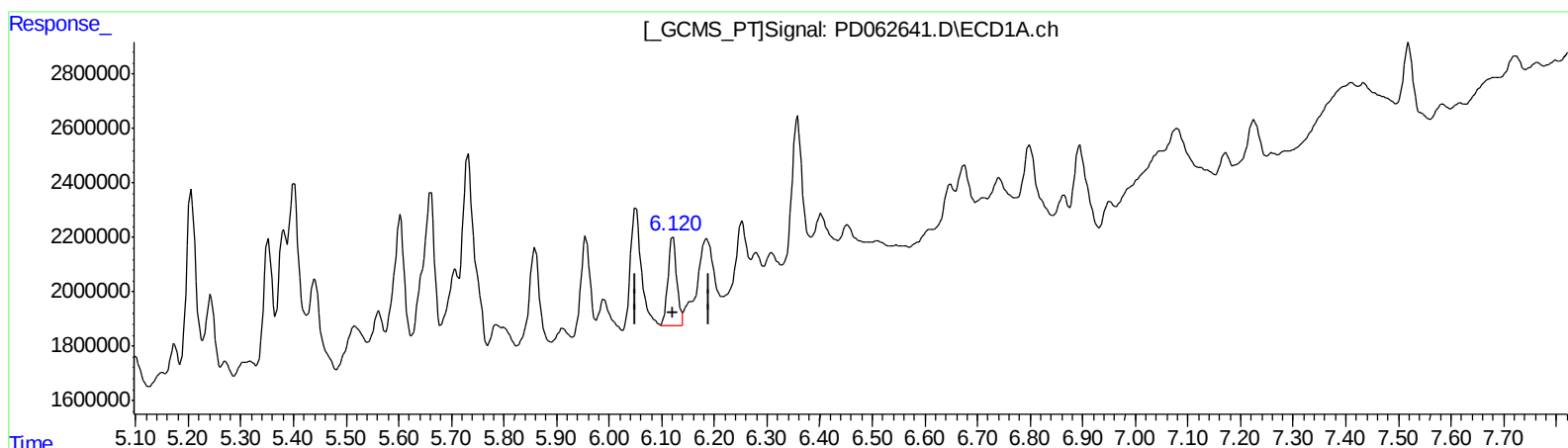
Instrument :
ECD_D
ClientSampleId :
BG578

Manual Integrations
APPROVED

Ankita
5/4/2021 4:37:38 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 23:21:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042921CLP.M
Quant Title : GC Extractables
QLast Update : Fri Apr 30 02:49:51 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)
6.120min 3.928 ng/ml m
response 3911710

(16) 4,4'-DDD #2 (A)
6.802min 7.940 ng/ml m
response 98680602

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

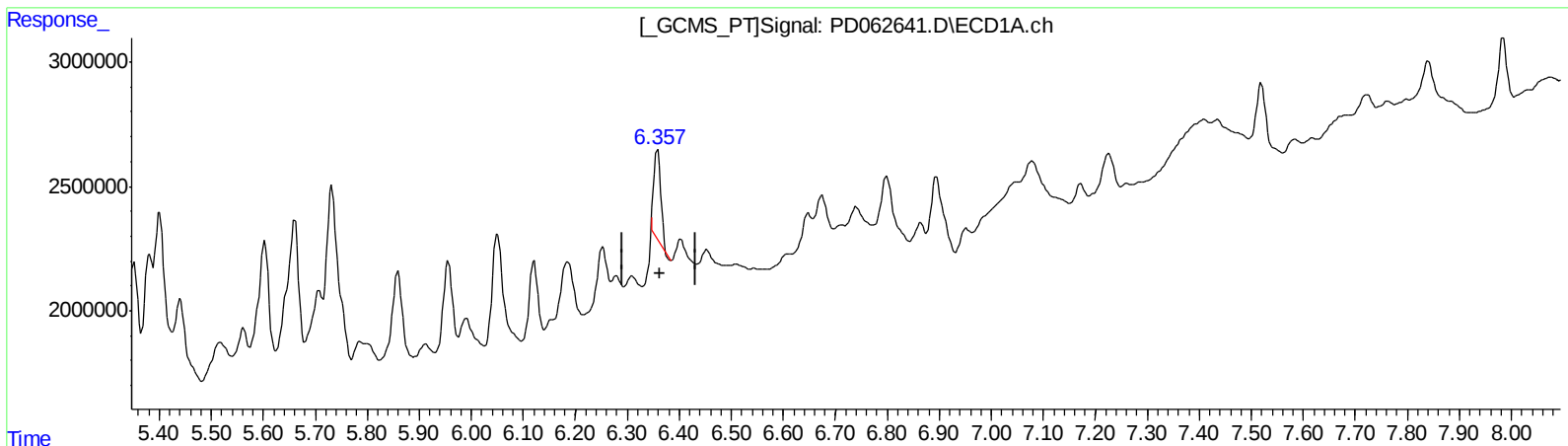
Instrument :
ECD_D
ClientSampleId :
BG578

Manual Integrations
APPROVED

Ankita
5/4/2021 4:37:38 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 08:58:55 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042921CLP.M
Quant Title : GC Extractables
QLast Update : Fri Apr 30 02:49:51 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)
6.358min 3.557 ng/ml
response 3331436

(17) 4,4'-DDT #2 (MA)
7.072min 1.412 ng/ml
response 16759195

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
Data File : PD062641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 17:35
Operator : AR\AJ
Sample : M2177-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

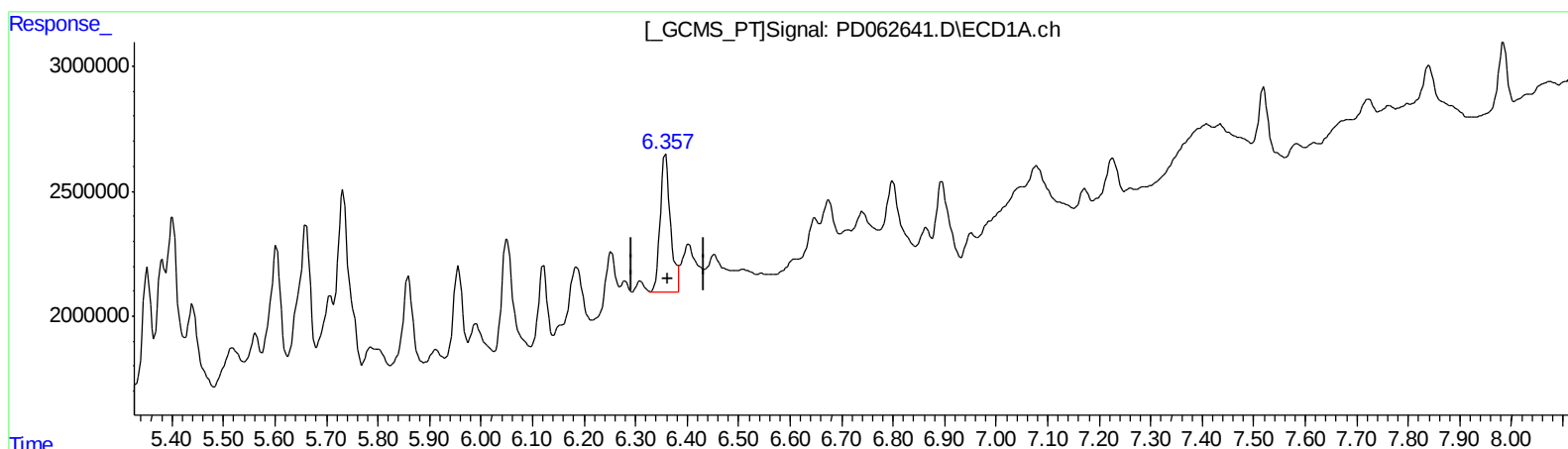
Instrument :
ECD_D
ClientSampleId :
BG578

Manual Integrations
APPROVED

Ankita
5/4/2021 4:37:38 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 23:21:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042921CLP.M
Quant Title : GC Extractables
QLast Update : Fri Apr 30 02:49:51 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)

6.357min 8.146 ng/ml m

response 7630155

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

7.099min 0.434 ng/ml m

response 5152763

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043021\
 Data File : PD062641.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2021 17:35
 Operator : AR\AJ
 Sample : M2177-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BG578

Manual Integrations
 APPROVED

Ankita
 5/4/2021 4:37:38 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 23:21:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042921CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 30 02:49:51 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 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...	3.441	3.973	13798992	151.0E6	14.413	12.439
27) SA Decachlor...	8.202	9.037	30650189	303.4E6	28.555	27.797
Target Compounds						
3) MA gamma-BHC...	4.166	4.645	984385	16151690	0.737m	0.935m#
7) B delta-BHC	4.626	5.039	2437840	61747796	1.792m	3.328m#
8) B Heptachlo...	5.150	5.837	559760	43378674	0.457m	2.705 #
10) B trans-Chl...	5.380	6.082	6040668	119.1E6	4.818m	7.272m#
11) B cis-Chlor...	5.439	6.152	4673159	56645651	3.806m	3.649
12) B 4,4'-DDE	5.603	6.312	5267940	134.2E6	4.257	8.566 #
13) MA Dieldrin	5.731	6.459	9784141	31833444	7.762m	2.053 #
14) MA Endrin	5.989	6.668	1708306	47707293	1.615m	3.825m#
16) A 4,4'-DDD	6.120	6.802	3911710	98680602	3.928m	7.940m#
17) MA 4,4'-DDT	6.357	7.099	7630155	5152763	8.146m	0.434m#

AJ
 05/05/21

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