

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
Data File : PD060549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2020 20:16
Operator : DD\AJ
Sample : L4865-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

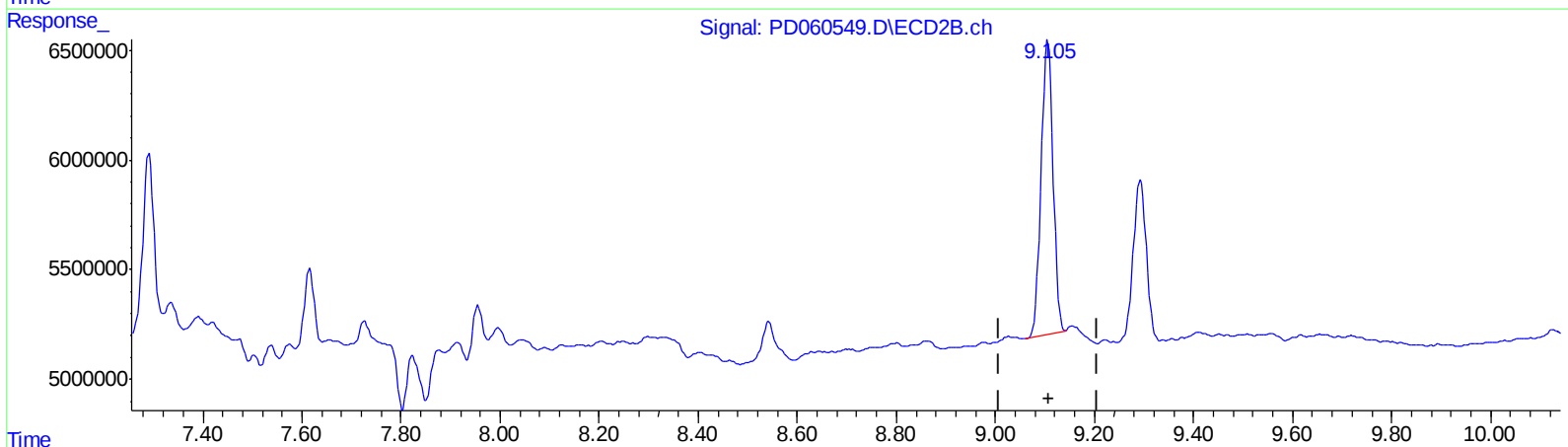
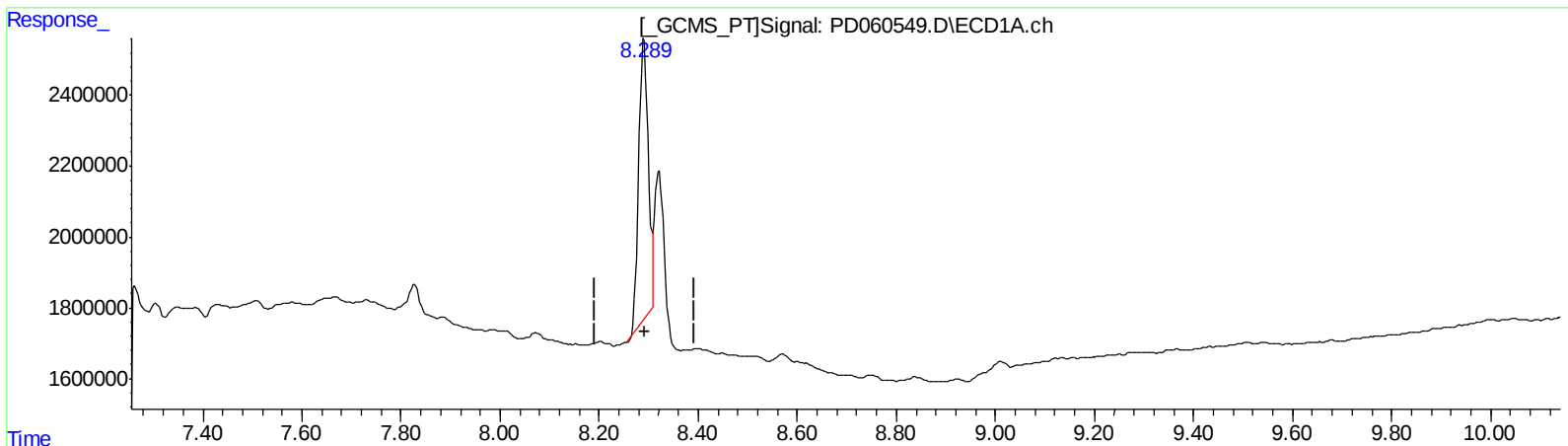
Instrument :
ECD_D
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

Ankita
12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 06:13:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 28 01:50:00 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)

8.291min 7.851 ng/ml

response 10632436

(27) Decachlorobiphenyl #2 (SA)

9.106min 7.748 ng/ml

response 22456800

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
Data File : PD060549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2020 20:16
Operator : DD\AJ
Sample : L4865-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

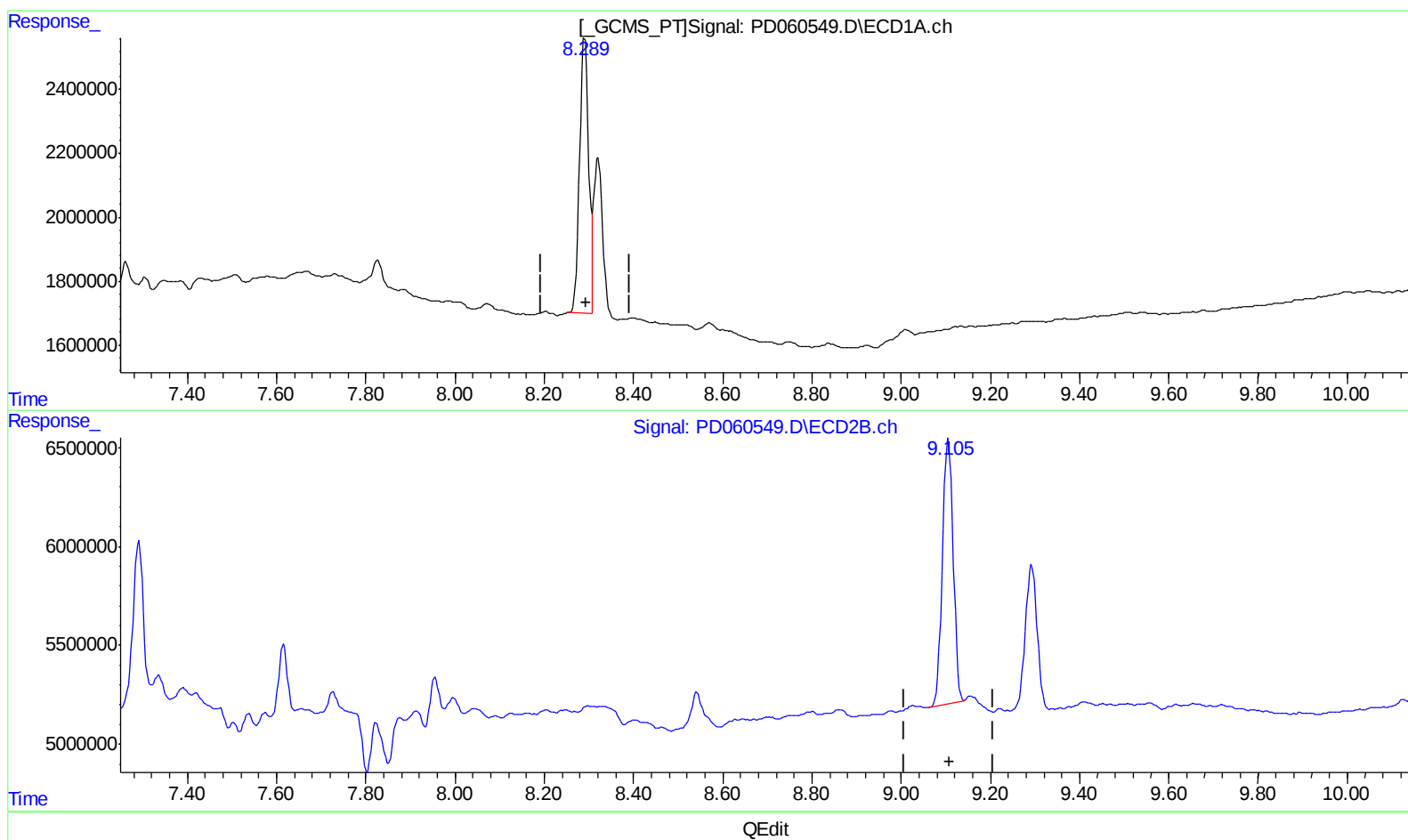
Instrument :
ECD_D
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

Ankita
12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 06:13:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 28 01:50:00 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



(27) Decachlorobiphenyl (SA)

8.289min 9.612 ng/ml m

response 13016977

(27) Decachlorobiphenyl #2 (SA)

9.106min 7.748 ng/ml

response 22456800

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
Data File : PD060549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2020 20:16
Operator : DD\AJ
Sample : L4865-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

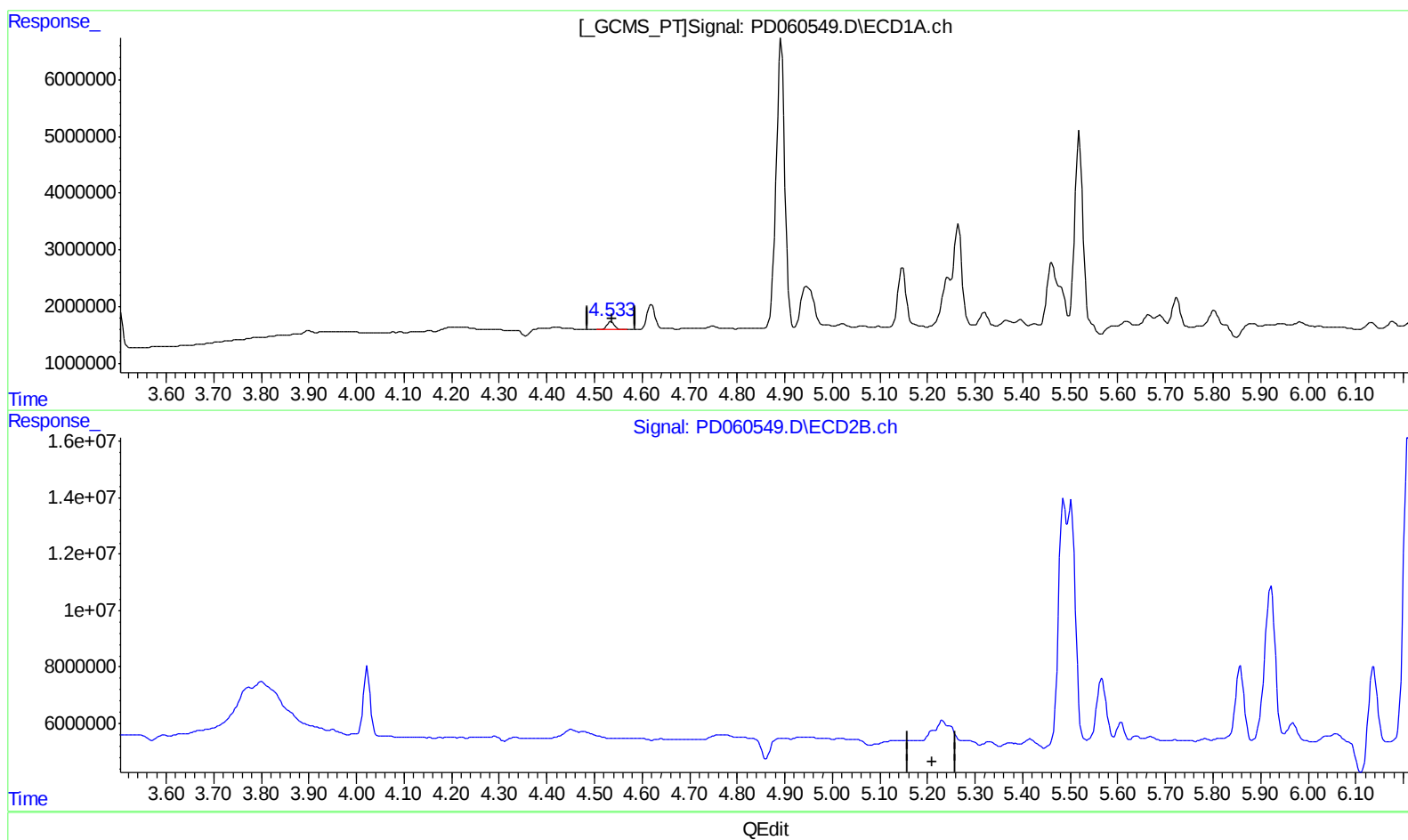
Instrument :
ECD_D
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

Ankita
12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 06:13:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 28 01:50:00 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)
4.534min 0.962 ng/ml
response 1502593

(4) Heptachlor #2 (MA)
5.211min -0.165 ng/ml
response -798207

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
Data File : PD060549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2020 20:16
Operator : DD\AJ
Sample : L4865-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

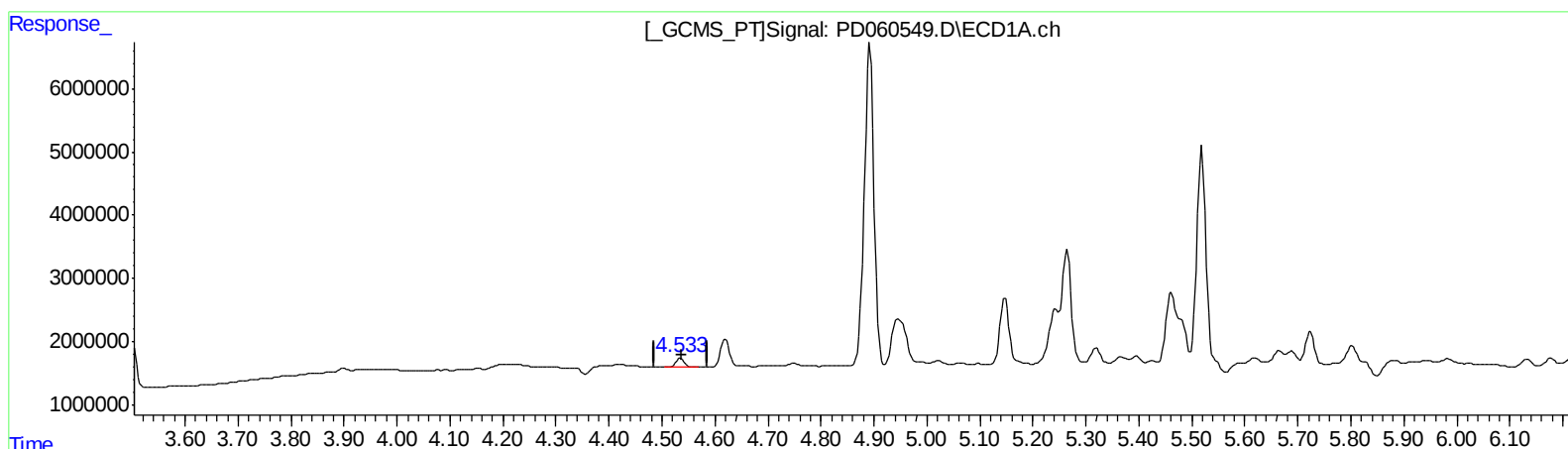
Instrument :
ECD_D
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

Ankita
12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 06:13:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 28 01:50:00 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)

4.534min 0.962 ng/ml

response 1502593

(4) Heptachlor #2 (MA)

5.209min 0.856 ng/ml m

response 4145073

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
Data File : PD060549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2020 20:16
Operator : DD\AJ
Sample : L4865-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

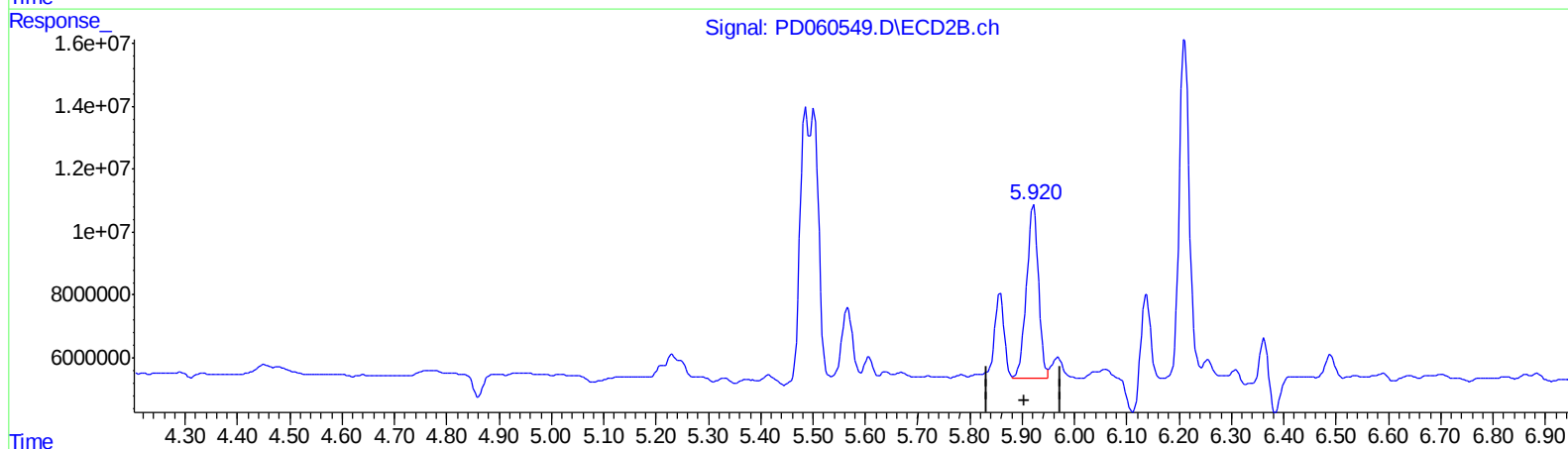
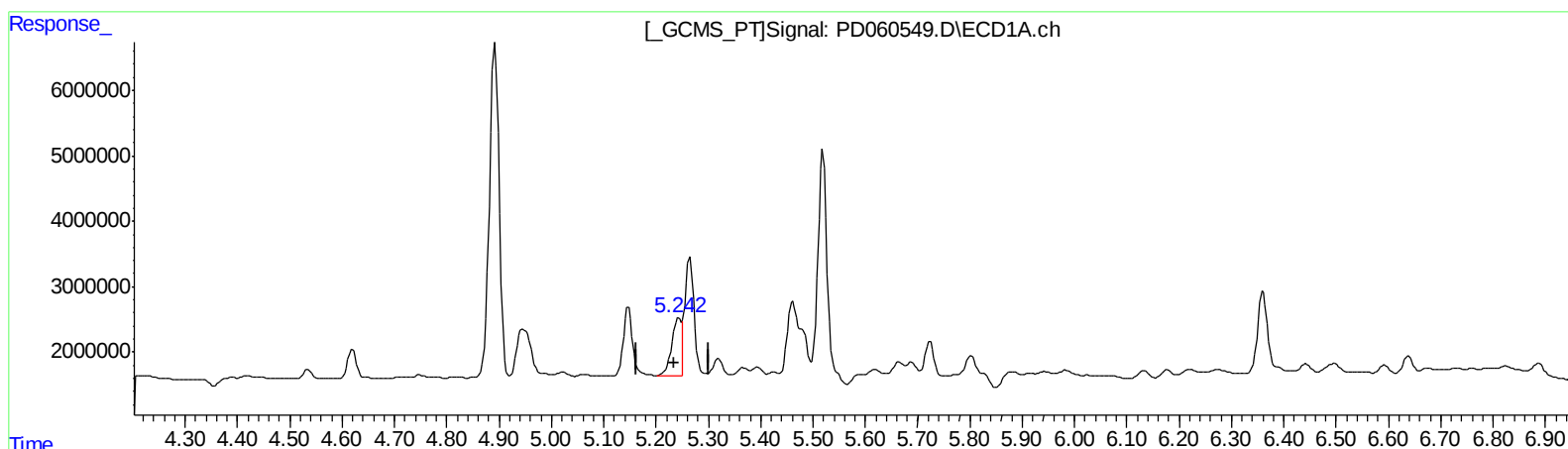
Instrument :
ECD_D
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

Ankita
12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 06:13:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 28 01:50:00 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

(8) Heptachlor epoxide (B)

5.243min 7.151 ng/ml

response 10200807

(8) Heptachlor epoxide #2 (B)

5.920min 23.415 ng/ml m

response 87512549

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
Data File : PD060549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2020 20:16
Operator : DD\AJ
Sample : L4865-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

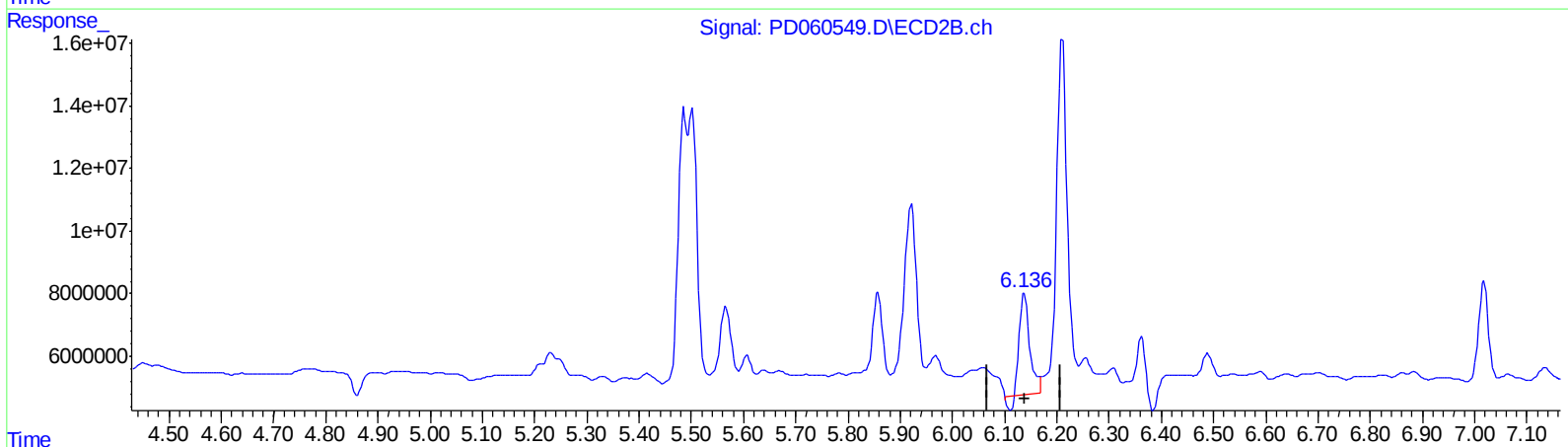
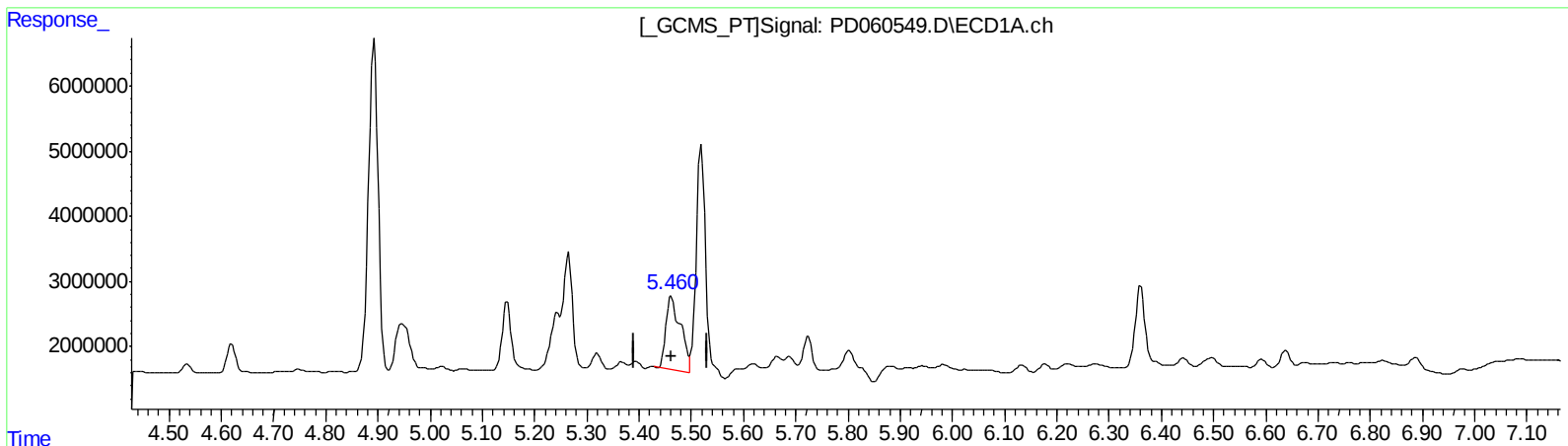
Instrument :
ECD_D
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

Ankita
12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 06:13:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 28 01:50:00 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

(10) trans-Chlordane (B)

5.461min 14.539 ng/ml

response 21788779

(10) trans-Chlordane #2 (B)

6.137min 9.946 ng/ml

response 42121442

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
Data File : PD060549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2020 20:16
Operator : DD\AJ
Sample : L4865-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

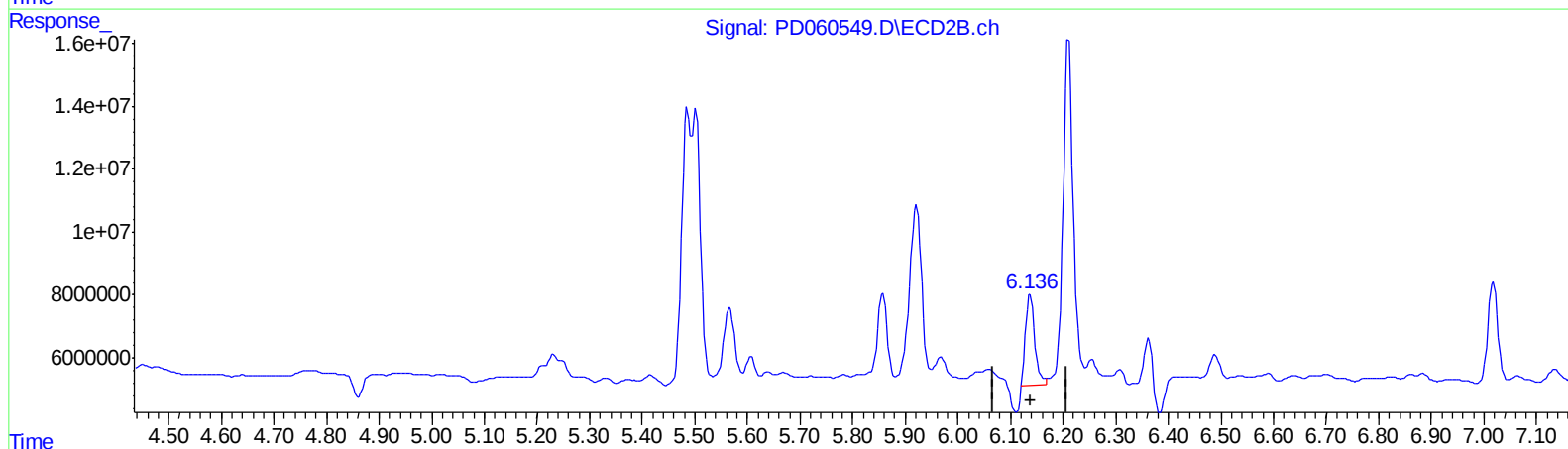
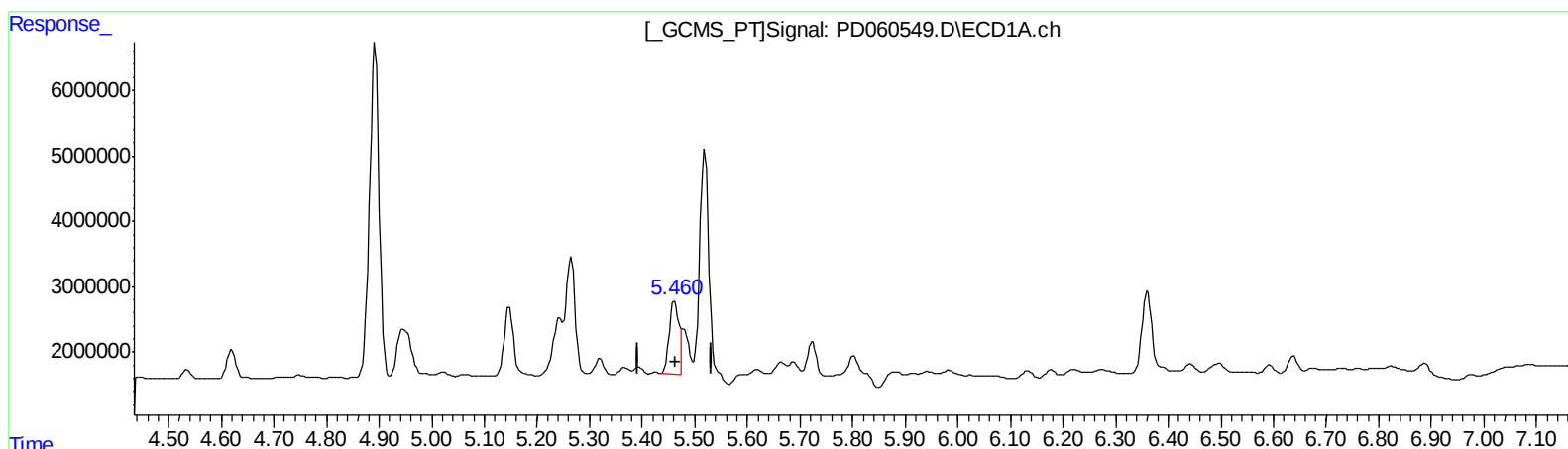
Instrument :
ECD_D
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

Ankita
12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 06:13:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 28 01:50:00 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

(10) trans-Chlordane (B)

5.460min 9.025 ng/ml m

response 13525352

(10) trans-Chlordane #2 (B)

6.136min 8.452 ng/ml m

response 35797418

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
Data File : PD060549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2020 20:16
Operator : DD\AJ
Sample : L4865-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

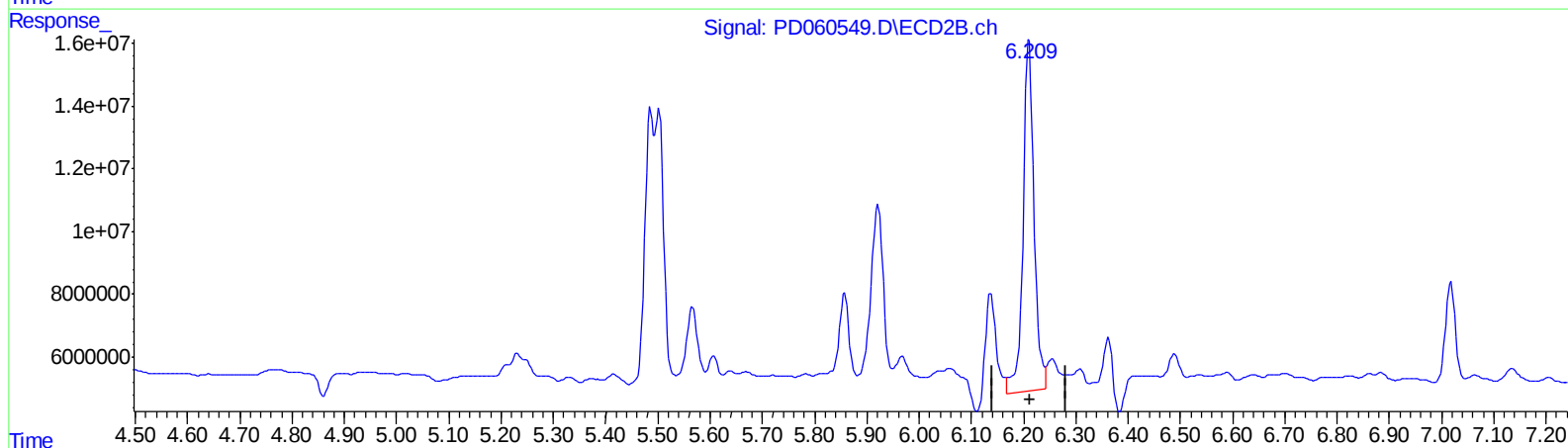
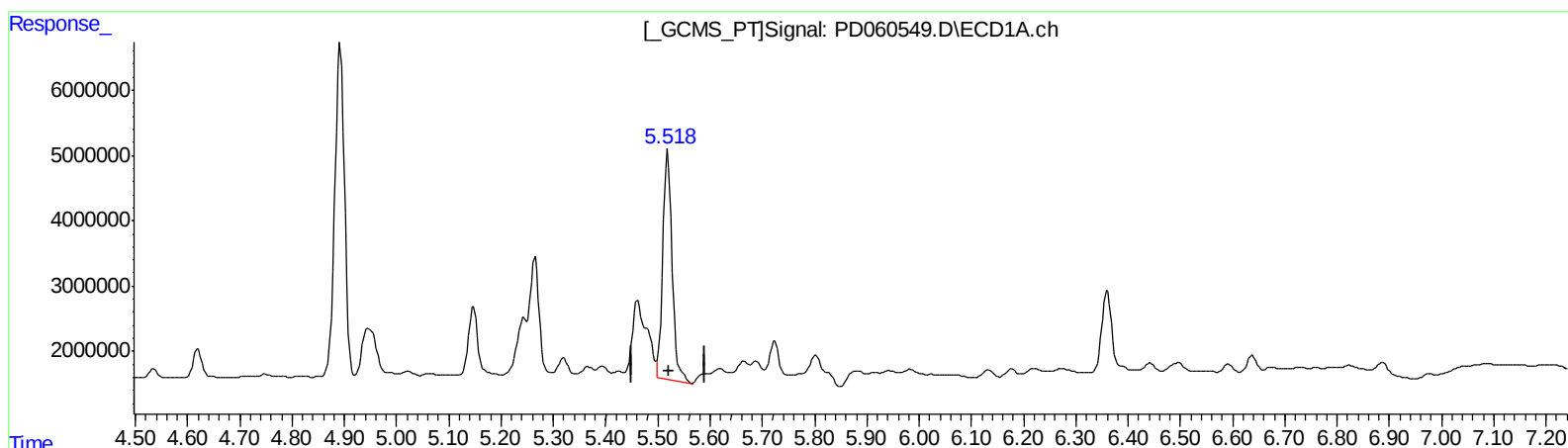
Instrument :
ECD_D
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

Ankita
12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 06:13:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 28 01:50:00 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

(11) cis-Chlordane (B)

5.519min 29.709 ng/ml

response 43798732

(11) cis-Chlordane #2 (B)

6.211min 39.872 ng/ml

response 164381557

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
 Data File : PD060549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2020 20:16
 Operator : DD\AJ
 Sample : L4865-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

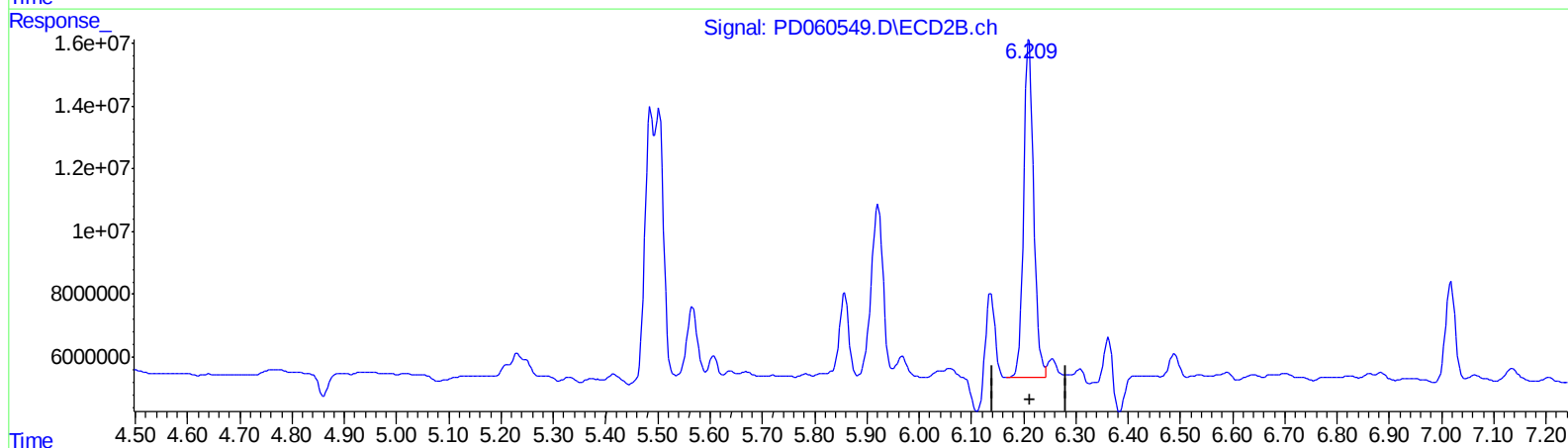
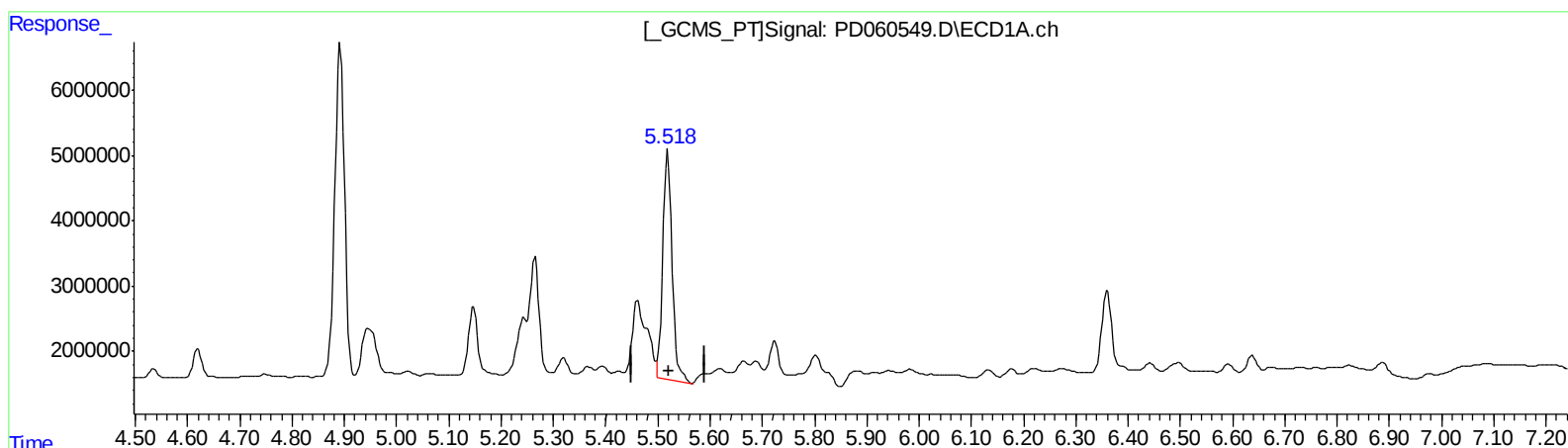
Instrument :
 ECD_D
 ClientSampleId :
 C0AZ9

Manual Integrations
 APPROVED

Ankita
 12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 06:13:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 28 01:50:00 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

(11) cis-Chlordane (B)

5.519min 29.709 ng/ml

response 43798732

(11) cis-Chlordane #2 (B)

6.209min 35.023 ng/ml m

response 144390082

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
Data File : PD060549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2020 20:16
Operator : DD\AJ
Sample : L4865-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

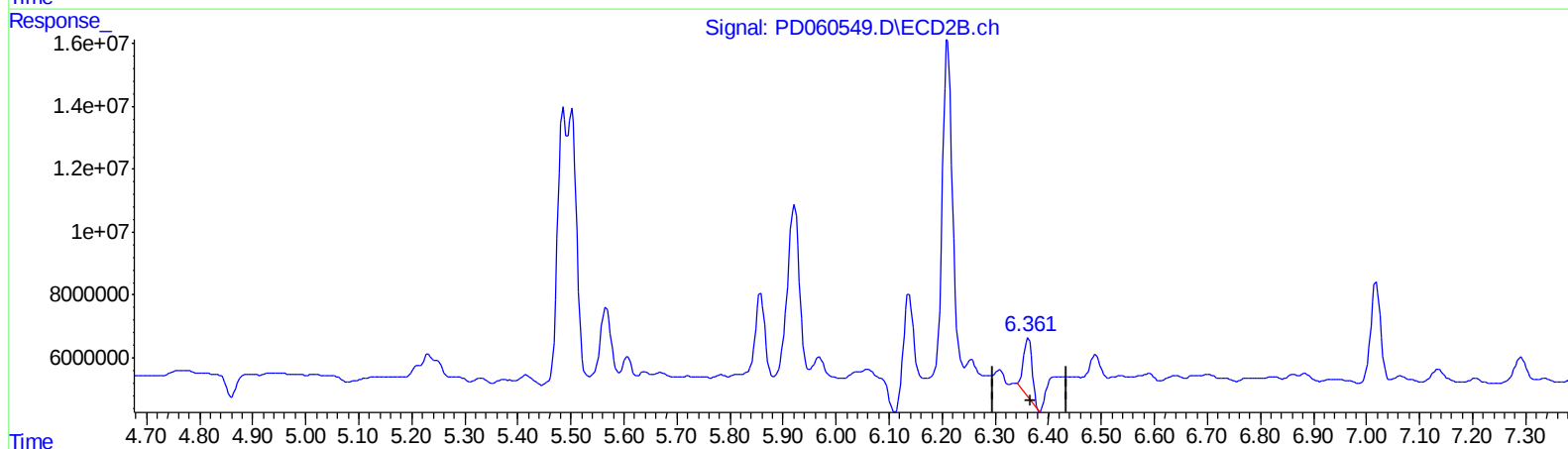
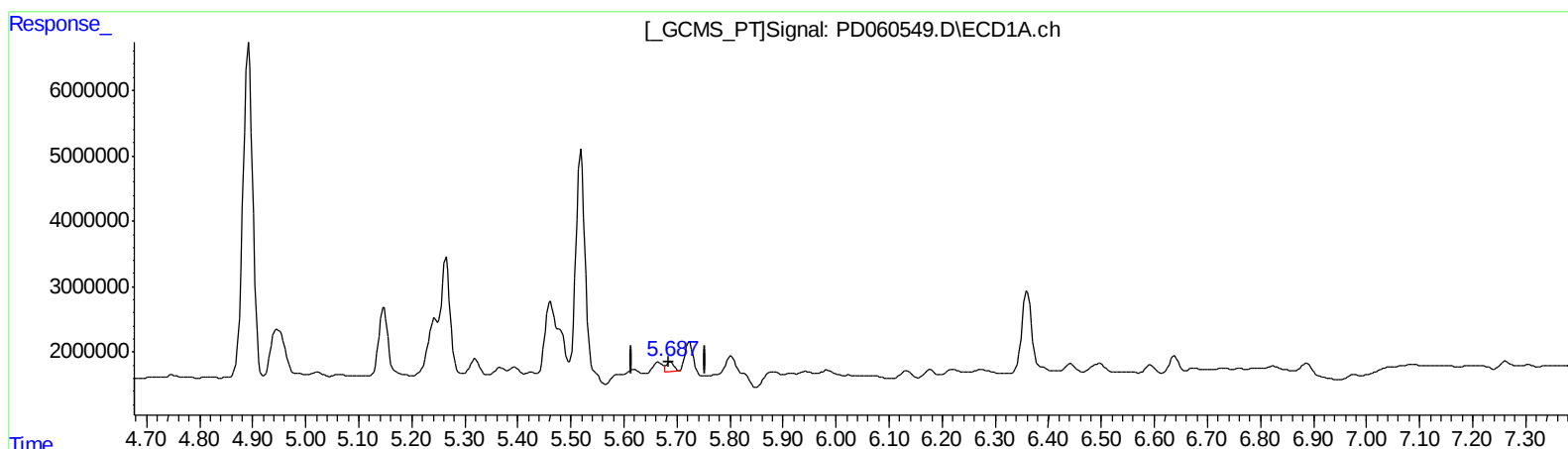
Instrument :
ECD_D
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

Ankita
12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 28 01:50:00 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

(12) 4,4'-DDE (B)
5.689min 1.121 ng/ml
response 1602196

(12) 4,4'-DDE #2 (B)
6.363min 5.459 ng/ml
response 21689686

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
Data File : PD060549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2020 20:16
Operator : DD\AJ
Sample : L4865-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

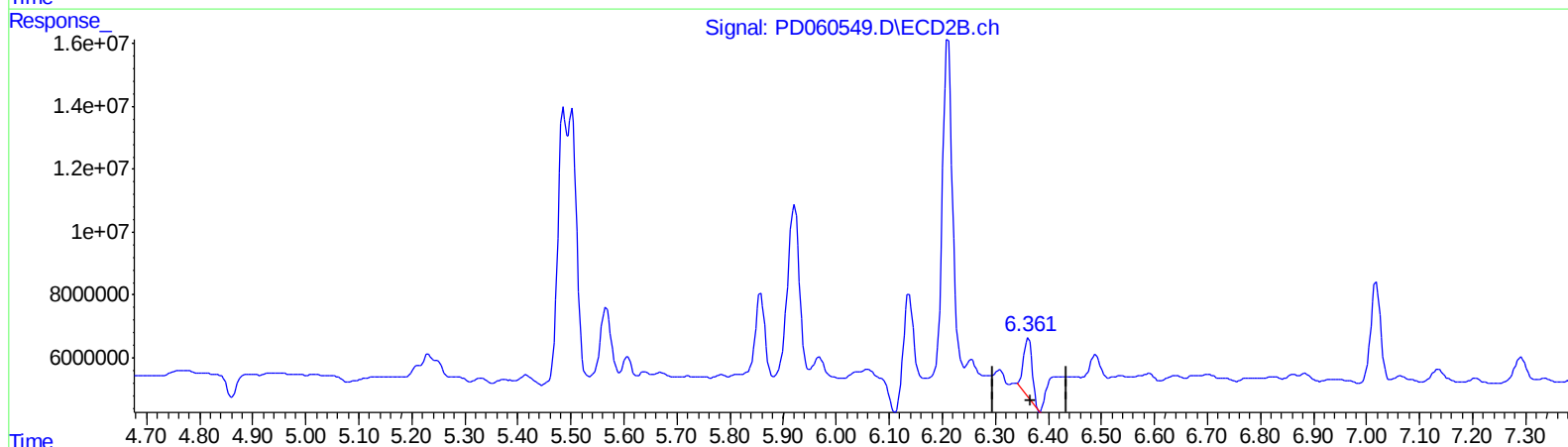
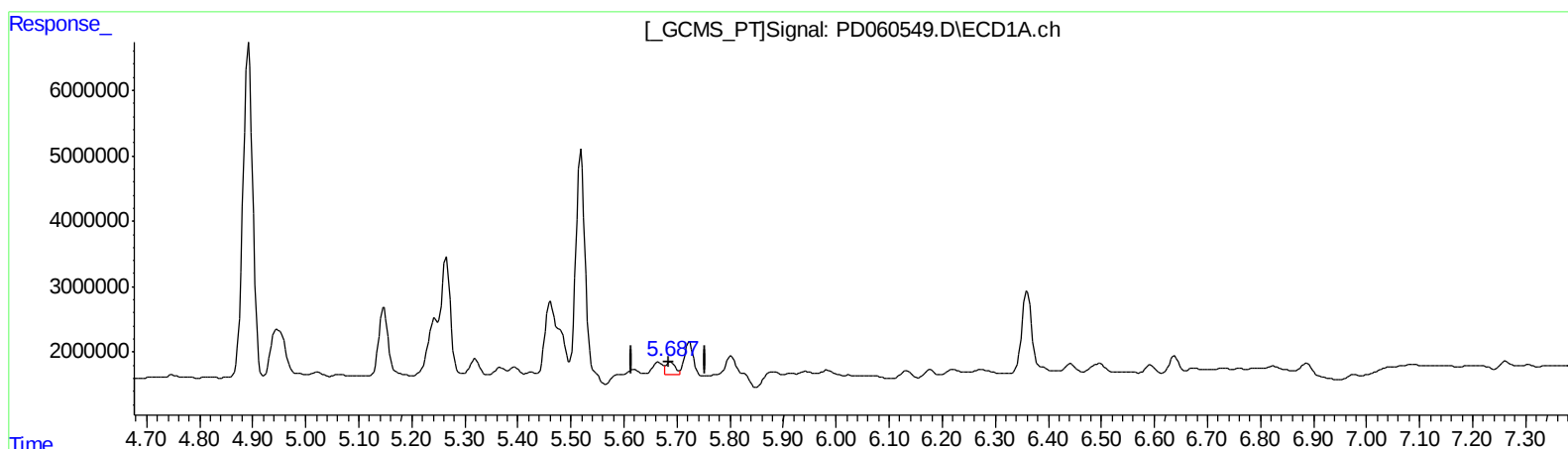
Instrument :
ECD_D
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

Ankita
12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 06:13:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 28 01:50:00 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

(12) 4,4'-DDE (B)
5.687min 1.701 ng/ml m
response 2430253

(12) 4,4'-DDE #2 (B)
6.363min 5.459 ng/ml
response 21689686

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
Data File : PD060549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2020 20:16
Operator : DD\AJ
Sample : L4865-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

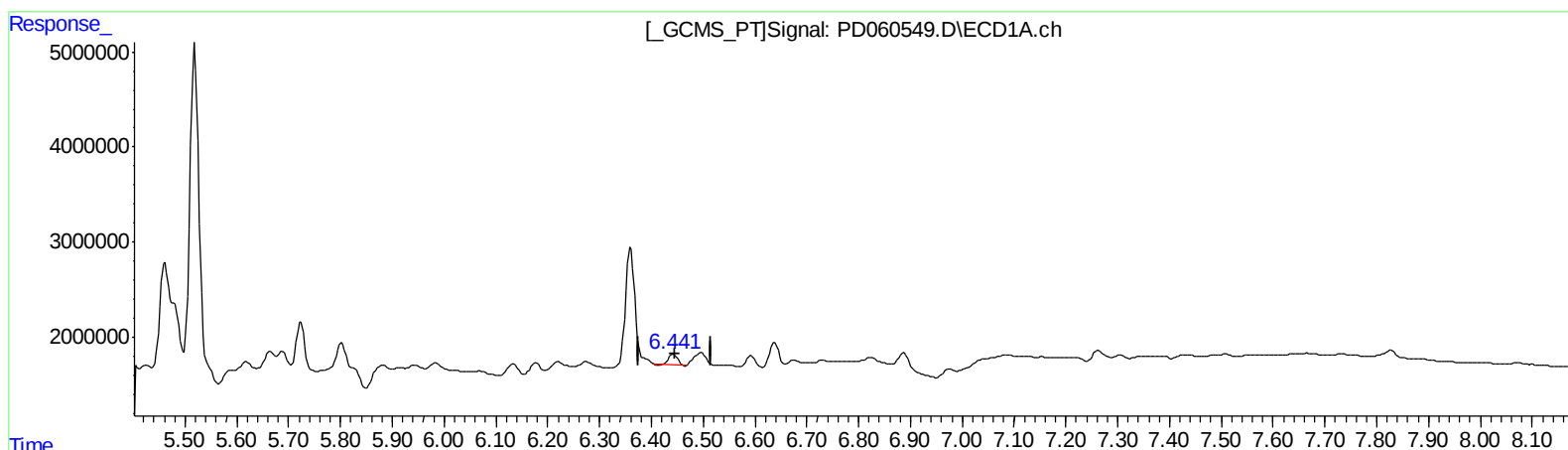
Instrument :
ECD_D
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

Ankita
12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 06:13:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
Quant Title : GC Extractables
QLast Update : Sat Nov 28 01:50:00 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



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

6.442min 1.093 ng/ml

response 1335118

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

7.136min 2.156 ng/ml

response 7078984

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
Data File : PD060549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2020 20:16
Operator : DD\AJ
Sample : L4865-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

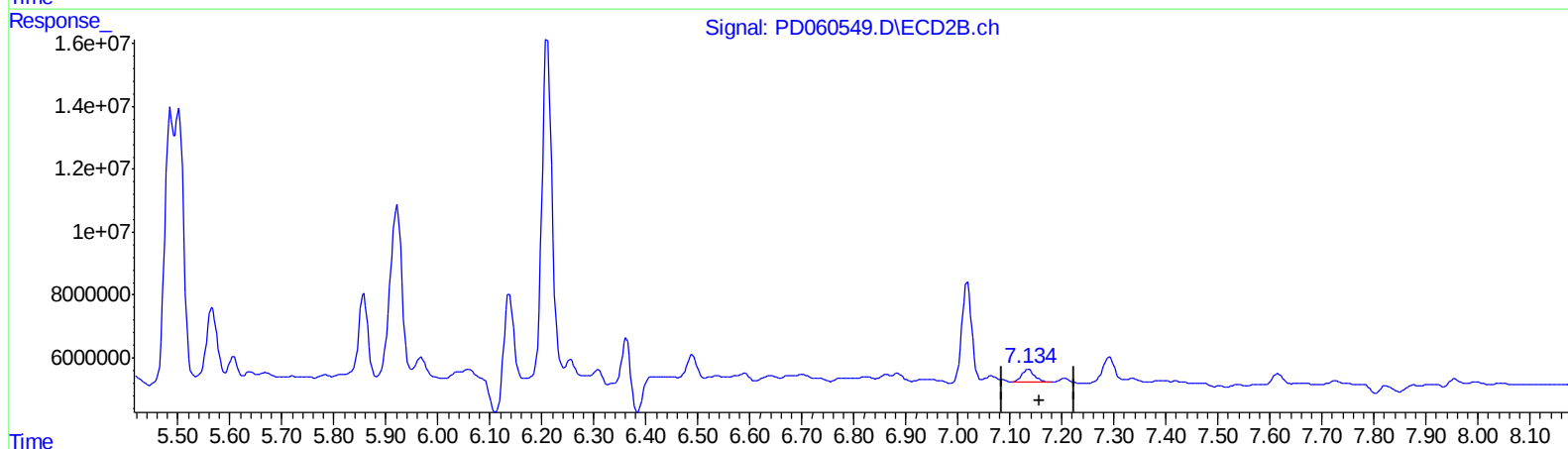
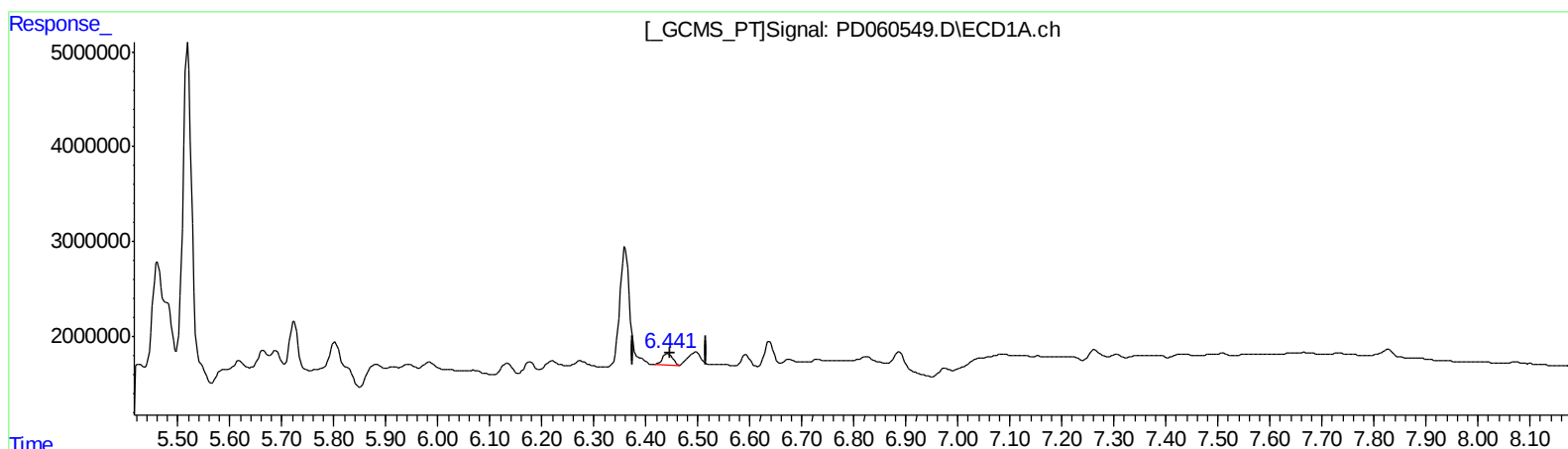
Instrument :
ECD_D
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

Ankita
12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 06:13:59 2020
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Quant Title : GC Extractables
QLast Update : Sat Nov 28 01:50:00 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

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

6.441min 1.240 ng/ml m

response 1514909

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

7.136min 2.156 ng/ml

response 7078984

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120220\
 Data File : PD060549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2020 20:16
 Operator : DD\AJ
 Sample : L4865-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C0AZ9

Manual Integrations
 APPROVED

Ankita
 12/3/2020 10:22:58 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 06:13:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112720CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 28 01:50:00 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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.502	4.022	7184158	23654678	6.309	6.434
27) SA Decachlor...	8.289	9.106	13016977	22456800	9.612m	7.748
Target Compounds						
4) MA Heptachlor	4.534	5.209	1502593	4145073	0.962	0.856m
8) B Heptachlo...	5.243	5.920	10200807	87512549	7.151	23.415m#
10) B trans-Chl...	5.460	6.136	13525352	35797418	9.025m	8.452m
11) B cis-Chlor...	5.519	6.209	43798732	144.4E6	29.709	35.023m
12) B 4,4'-DDE	5.687	6.363	2430253	21689686	1.701m	5.459 #
17) MA 4,4'-DDT	6.441	7.136	1514909	7078984	1.240m	2.156 #
20) A Methoxychlor	6.976	7.616	559874	4596324	0.937	2.804 #

AS
 12/05/20

AS
 12/05/20

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