Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111221\
Data File : PD066908.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 12 Nov 2021  14:09
Operator  : AR\AJ
Sample  : M4419-05DL 5X
Misc  :
ALS Vial  : 14  Sample Multiplier: 1

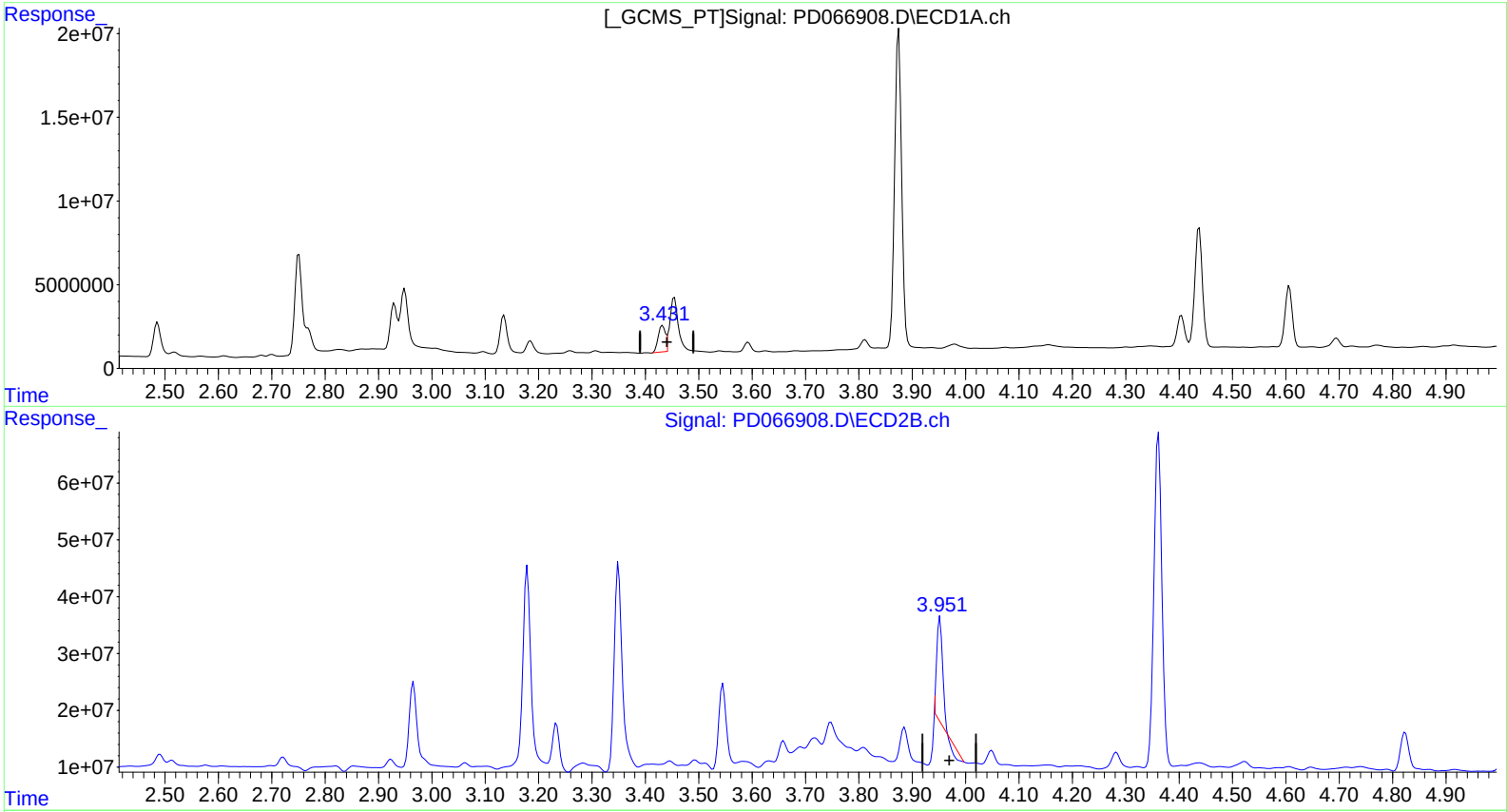
**Instrument :**
ECD_D
**ClientSampleId :**
C0HF4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Abdul Mirza  11/15/2021
Supervised By :mohammad ahmed  11/15/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 01:07:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Oct 27 16:50:52 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)

3.432min  7.611 ng/ml

response  14712969

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

3.952min  12.549 ng/ml

response  108681911

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111221\
Data File : PD066908.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 12 Nov 2021  14:09
Operator  : AR\AJ
Sample  : M4419-05DL 5X
Misc  :
ALS Vial  : 14  Sample Multiplier: 1

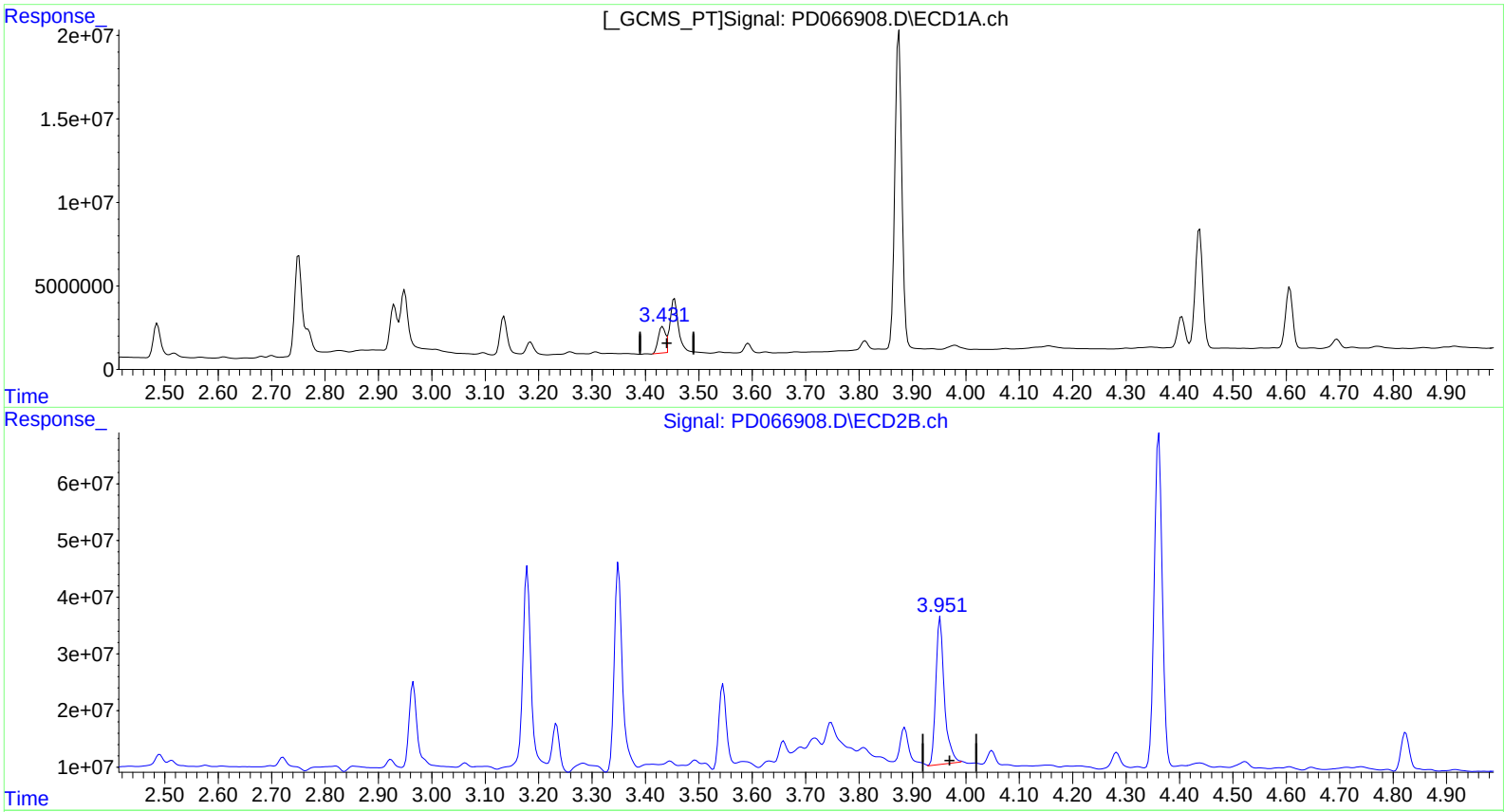
**Instrument :**
ECD_D
**ClientSampleId :**
C0HF4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Abdul Mirza  11/15/2021
Supervised By :mohammad ahmed  11/15/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 01:07:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Oct 27 16:50:52 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)

3.432min  7.611 ng/ml

response  14712969

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

3.951min  33.231 ng/ml m

response  287798435

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111221\
Data File : PD066908.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 12 Nov 2021  14:09
Operator  : AR\AJ
Sample  : M4419-05DL 5X
Misc  :
ALS Vial  : 14  Sample Multiplier: 1

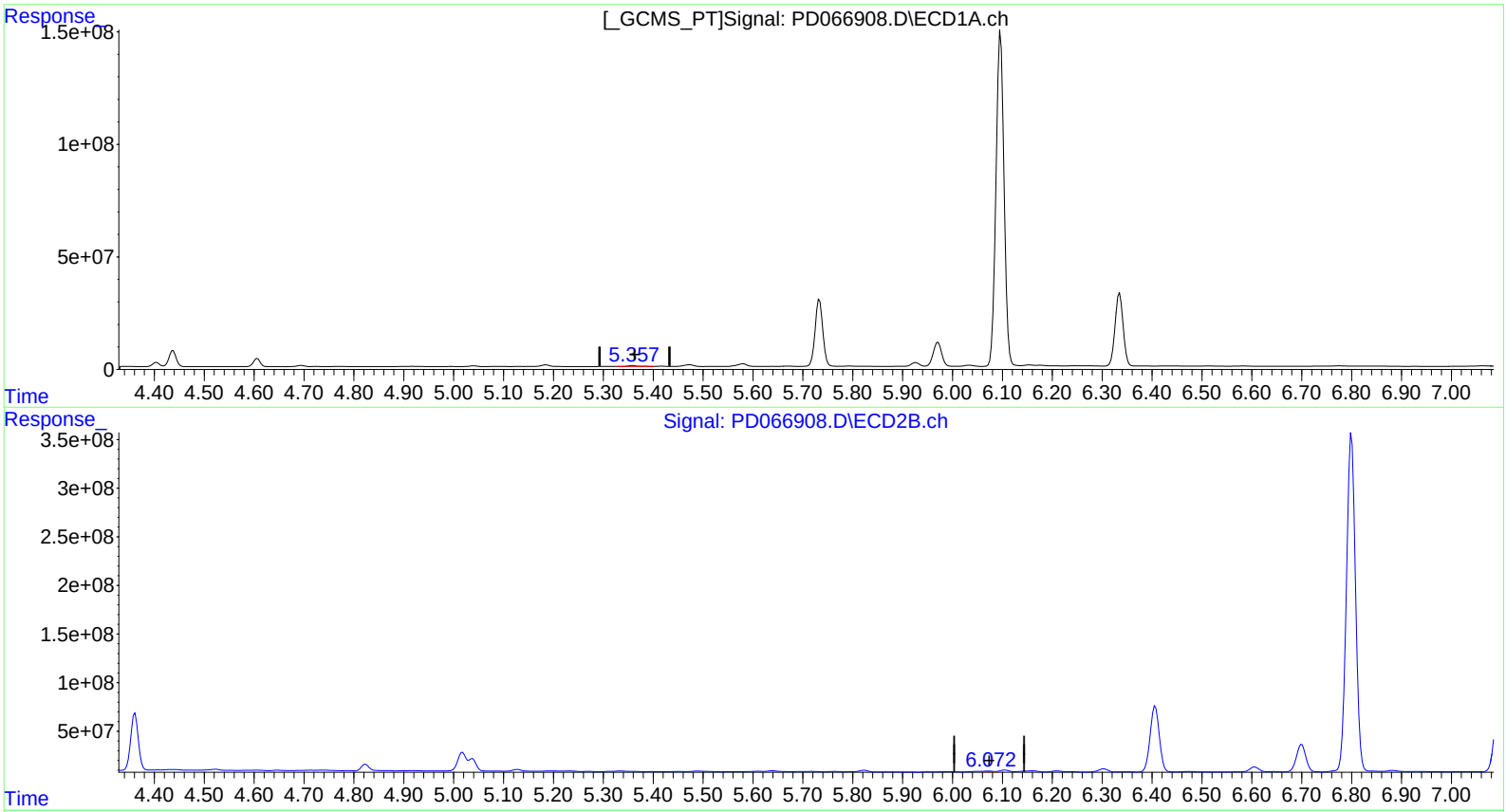
**Instrument :**
ECD_D
**ClientSampleId :**
C0HF4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Abdul Mirza  11/15/2021
Supervised By :mohammad ahmed  11/15/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 01:07:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Oct 27 16:50:52 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)

5.358min  1.890 ng/ml

response  4884475

(10)  trans-Chlordane #2 (B)

6.073min  1.078 ng/ml

response  9286371

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111221\
Data File : PD066908.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 12 Nov 2021 14:09
Operator : AR\AJ
Sample : M4419-05DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

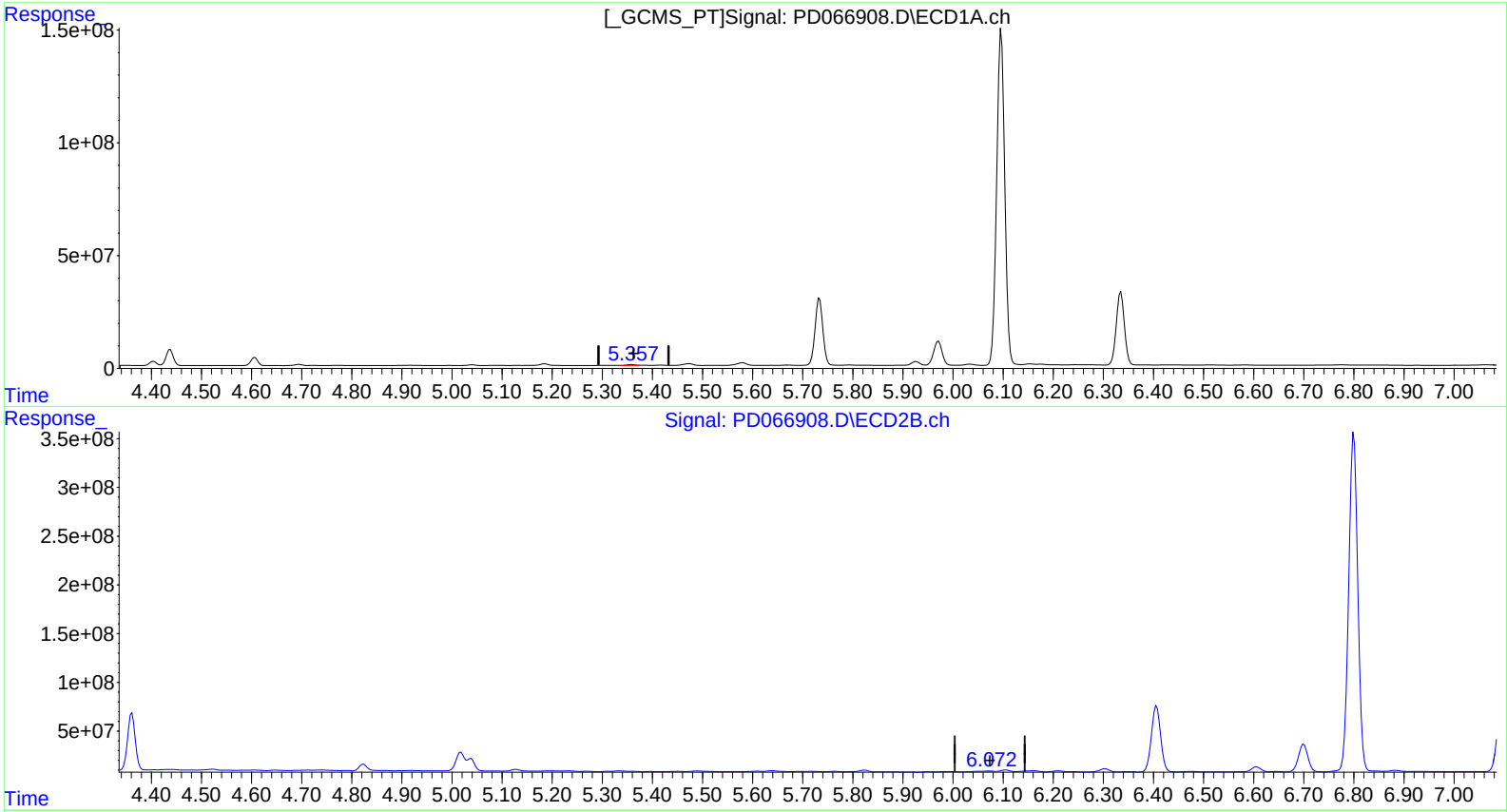
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 01:07:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 27 16:50:52 2021
Response via : Initial Calibration
Integrator: ChemStation

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

**Instrument :**
ECD_D
**ClientSampleId :**
C0HF4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Abdul Mirza 11/15/2021
Supervised By :mohammad ahmed 11/15/2021




QEdit

(10) trans-Chlordane (B)

5.357min 1.832 ng/ml m

response 4734468

(10) trans-Chlordane #2 (B)

6.073min 1.078 ng/ml

response 9286371

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111221\
Data File : PD066908.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 12 Nov 2021  14:09
Operator  : AR\AJ
Sample  : M4419-05DL 5X
Misc  :
ALS Vial  : 14  Sample Multiplier: 1

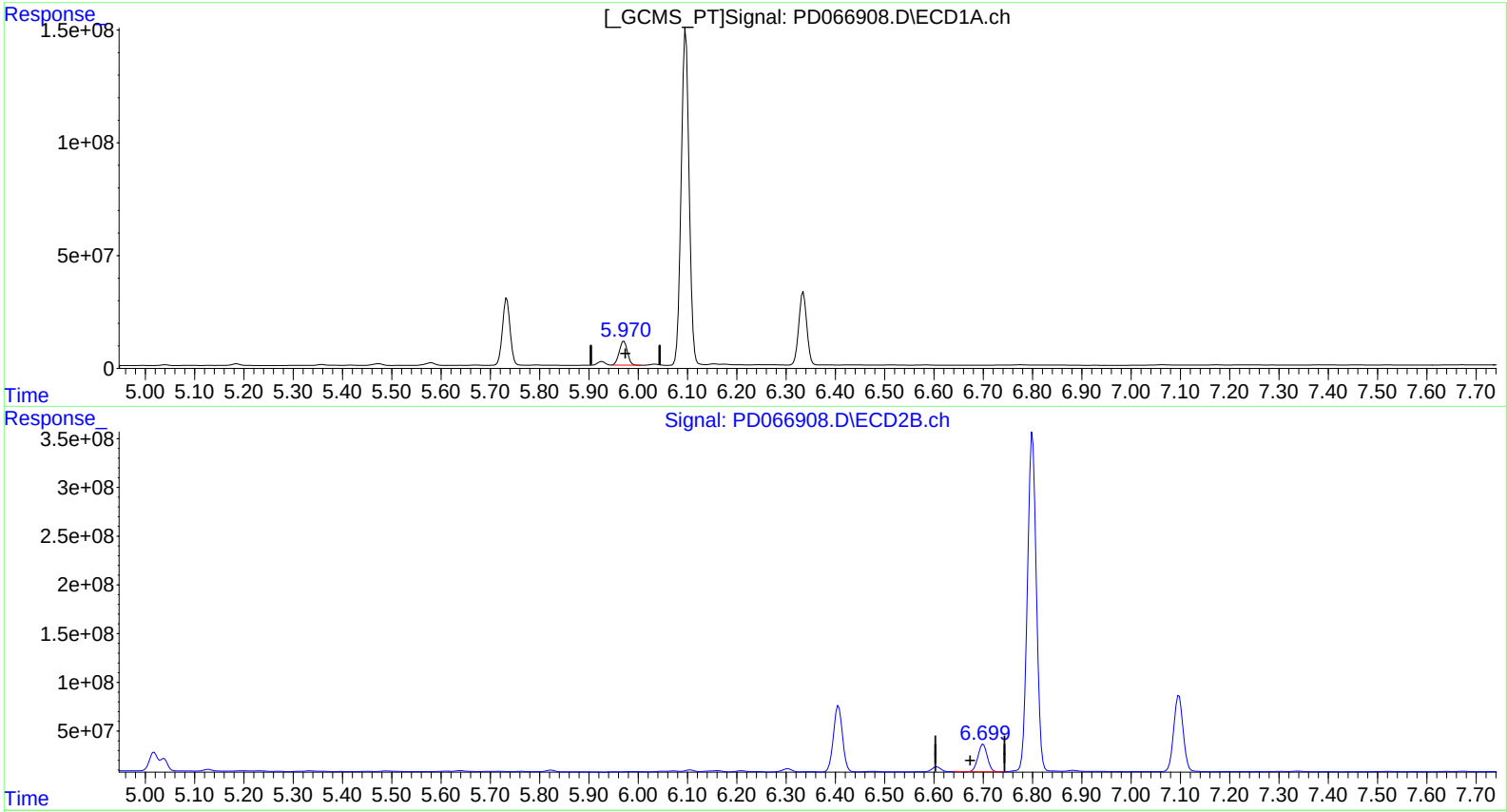
**Instrument :**
ECD_D
**ClientSampleId :**
C0HF4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Abdul Mirza  11/15/2021
Supervised By :mohammad ahmed  11/15/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 01:07:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Oct 27 16:50:52 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

(14)  Endrin (MA)

5.971min  57.909 ng/ml

response  122519233

(14)  Endrin #2 (MA)

6.700min  54.185 ng/ml

response  367720328

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111221\
Data File : PD066908.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 12 Nov 2021  14:09
Operator  : AR\AJ
Sample  : M4419-05DL 5X
Misc  :
ALS Vial  : 14  Sample Multiplier: 1

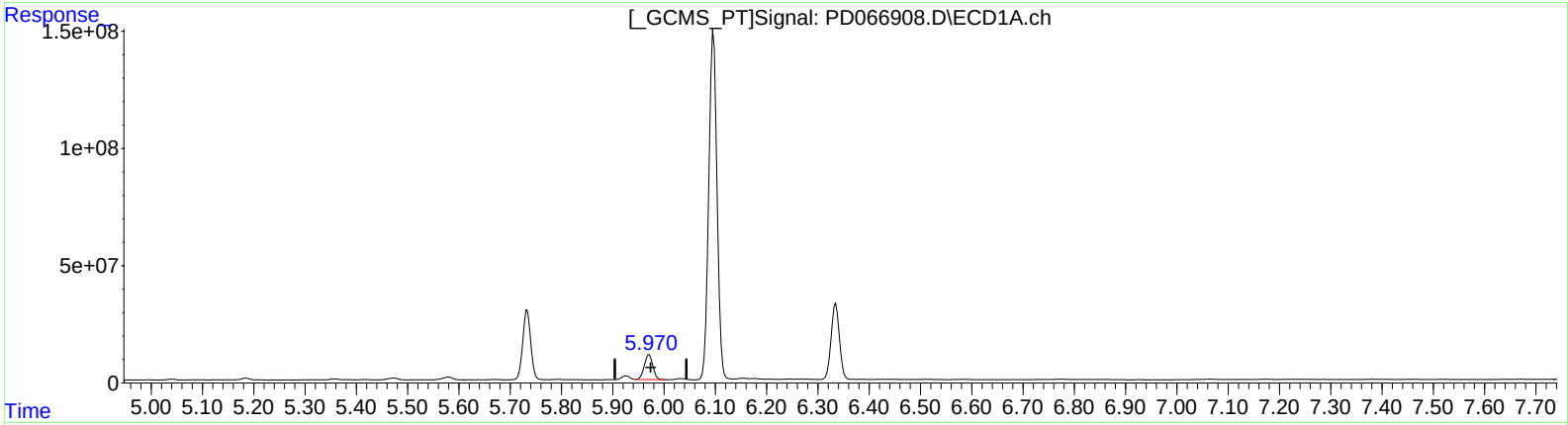
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 01:07:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Oct 27 16:50:52 2021
Response via : Initial Calibration
Integrator: ChemStation

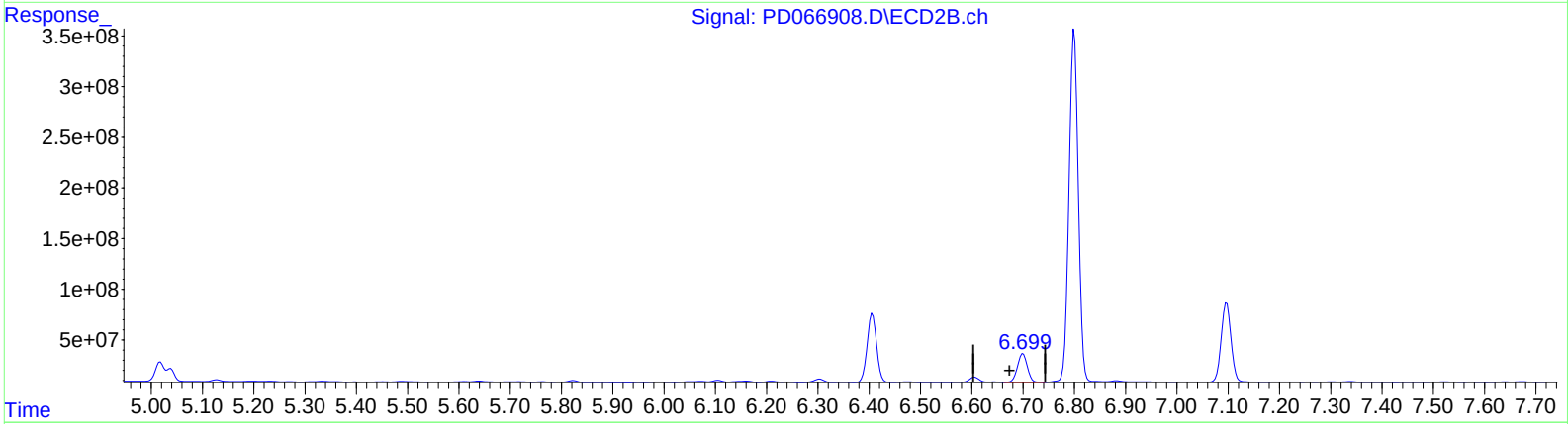
Volume Inj.  : 1 µl
Signal #1 Phase : ZB-MR2  Signal #2 Phase: ZB-MR1
Signal #1 Info  : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

**Instrument :**
ECD_D
**ClientSampleId :**
C0HF4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Abdul Mirza  11/15/2021
Supervised By :mohammad ahmed  11/15/2021




QEdit

(14)  Endrin (MA)

5.971min  57.909 ng/ml

response  122519233

(14)  Endrin #2 (MA)

6.699min  55.424 ng/ml m

response  376126190

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111221\
Data File : PD066908.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 12 Nov 2021  14:09
Operator  : AR\AJ
Sample  : M4419-05DL 5X
Misc  :
ALS Vial  : 14  Sample Multiplier: 1

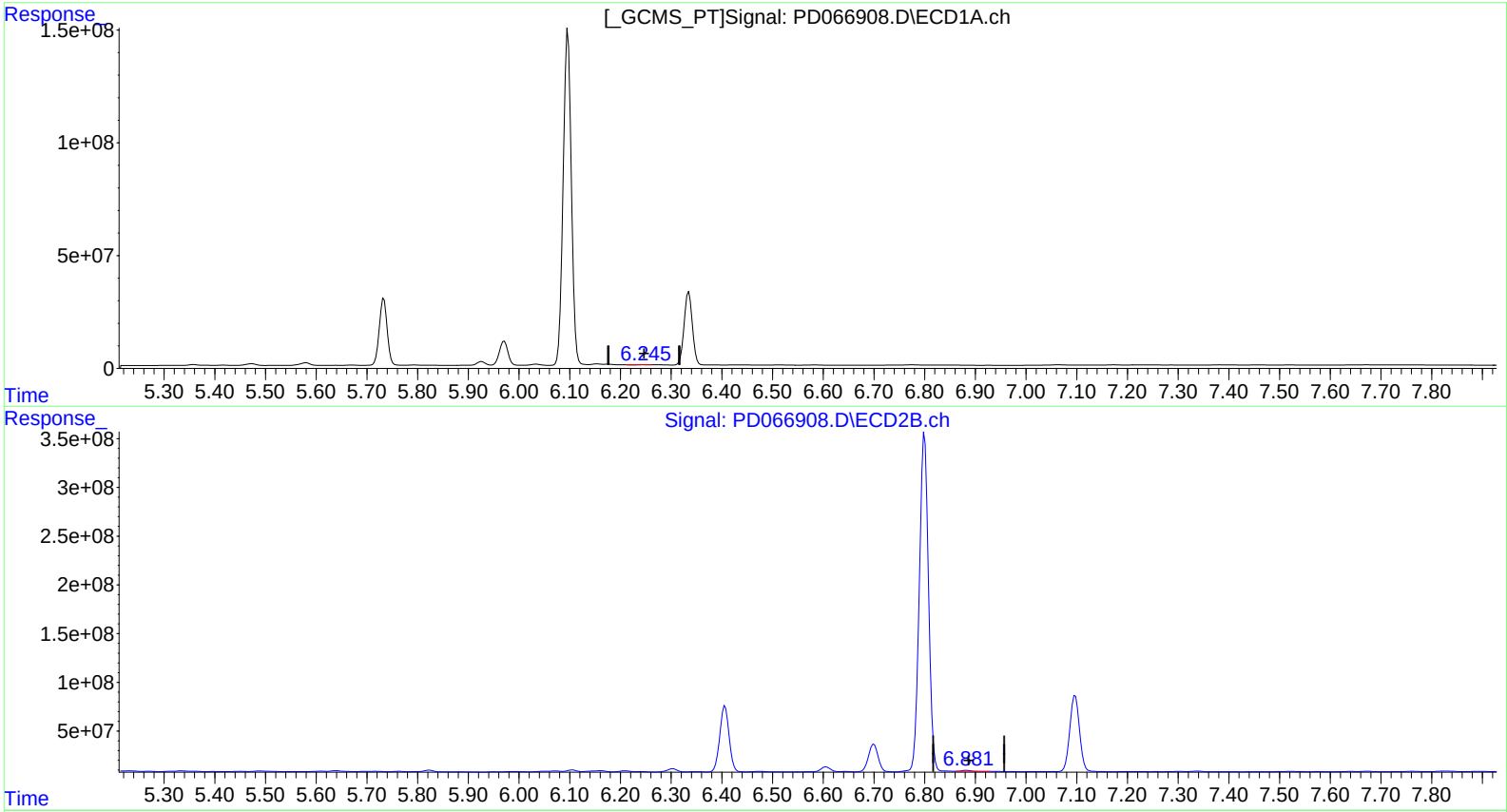
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 01:07:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Oct 27 16:50:52 2021
Response via : Initial Calibration
Integrator: ChemStation

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

**Instrument :**
ECD_D
**ClientSampleId :**
C0HF4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Abdul Mirza  11/15/2021
Supervised By :mohammad ahmed  11/15/2021




QEdit

(15)  Endosulfan II (B)

6.246min  0.116 ng/ml

response  241286

(15)  Endosulfan II #2 (B)

6.883min  1.808 ng/ml

response  12963466

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111221\
Data File : PD066908.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 12 Nov 2021  14:09
Operator  : AR\AJ
Sample  : M4419-05DL 5X
Misc  :
ALS Vial  : 14  Sample Multiplier: 1

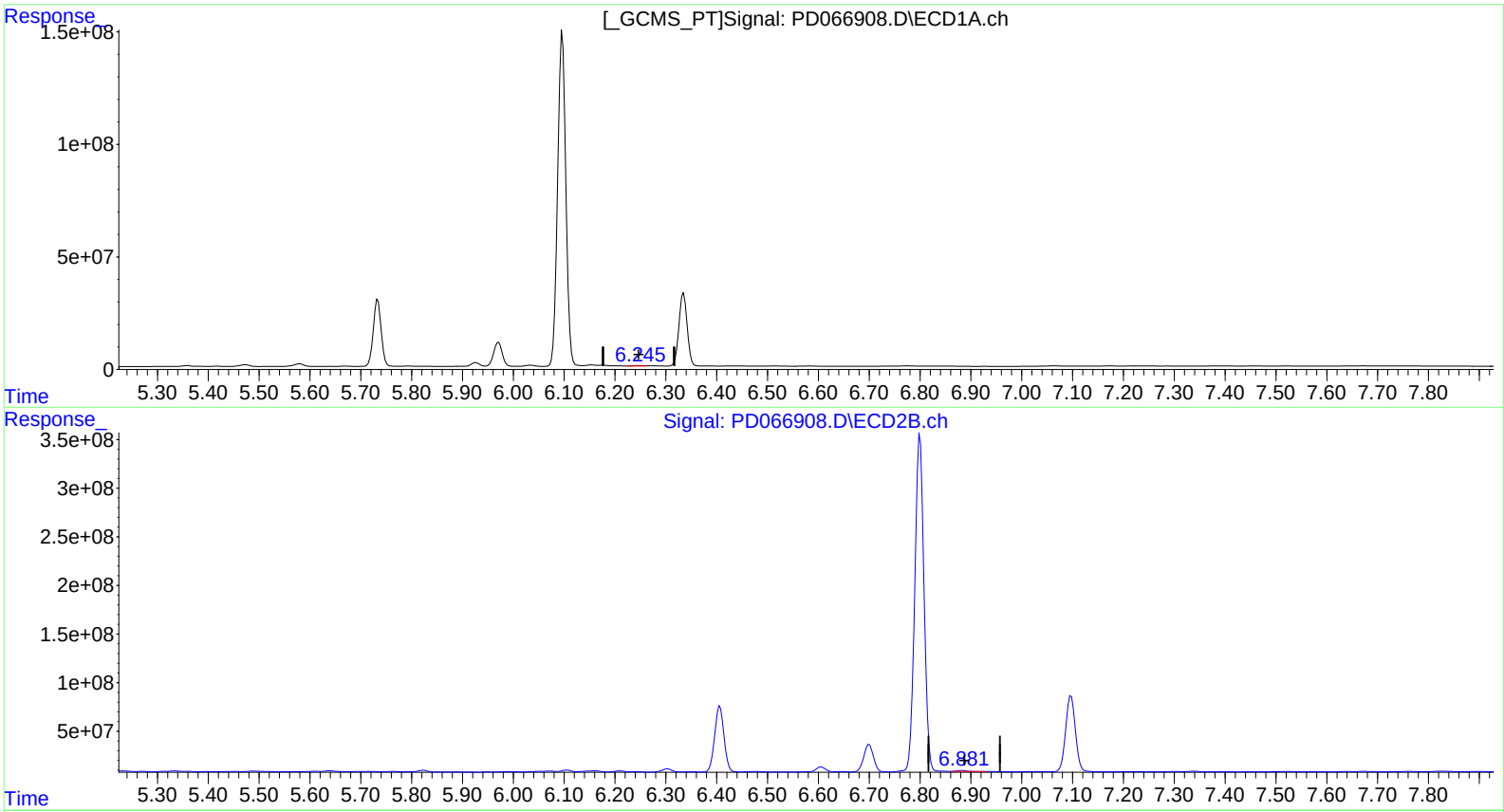
**Instrument :**
ECD_D
**ClientSampleId :**
C0HF4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Abdul Mirza  11/15/2021
Supervised By :mohammad ahmed  11/15/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 01:07:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Oct 27 16:50:52 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

(15)  Endosulfan II (B)

6.245min  0.623 ng/ml m

response  1293705

(15)  Endosulfan II #2 (B)

6.883min  1.808 ng/ml

response  12963466

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111221\
Data File : PD066908.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 12 Nov 2021 14:09
Operator : AR\AJ
Sample : M4419-05DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

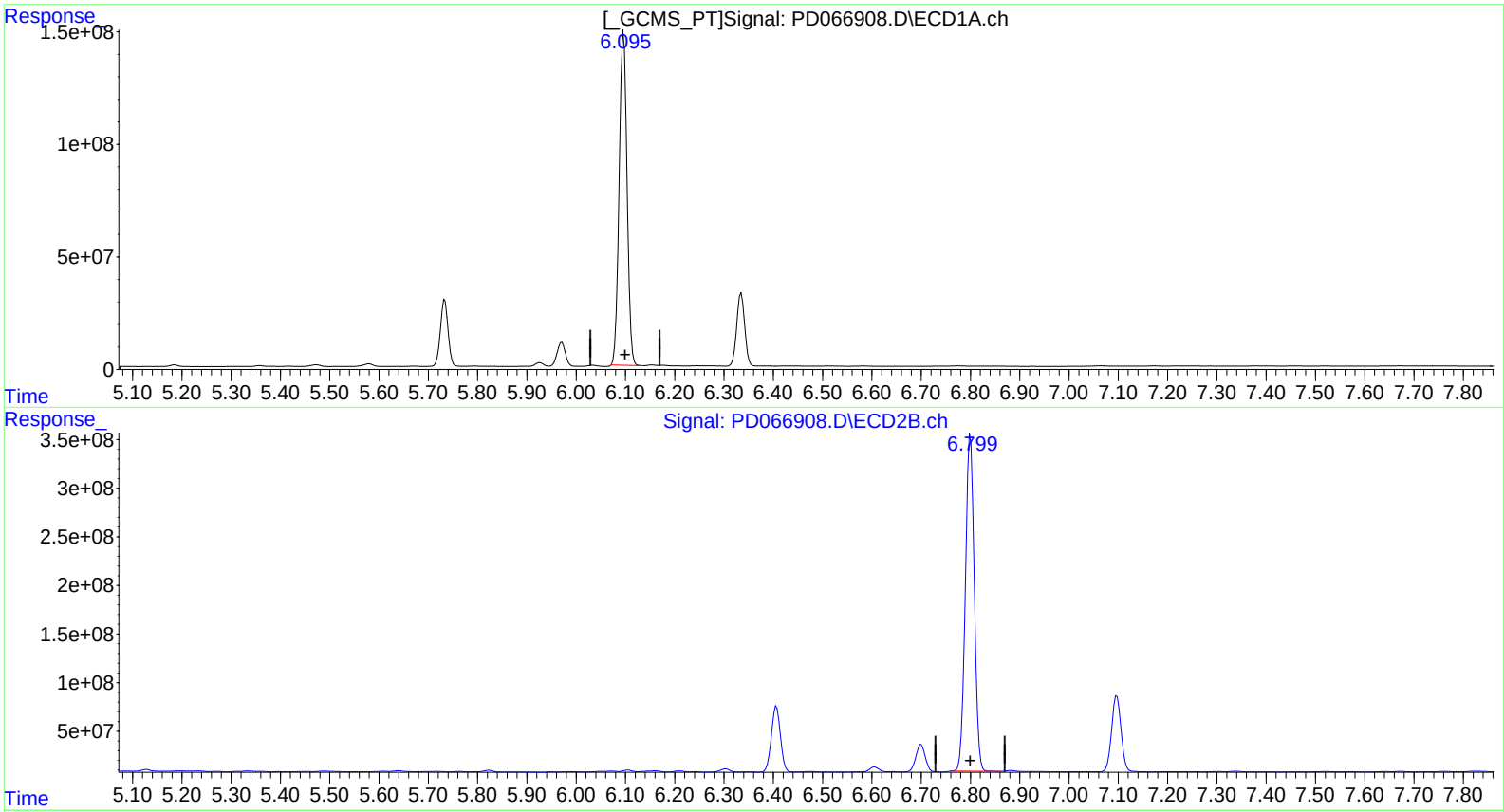
**Instrument :**
ECD_D
**ClientSampleId :**
C0HF4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Abdul Mirza 11/15/2021
Supervised By :mohammad ahmed 11/15/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 07:24:11 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 27 16:50:52 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)

6.097min 911.319 ng/ml

response 1649571873

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

6.800min 674.538 ng/ml

response 4354762173

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111221\
Data File : PD066908.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 12 Nov 2021  14:09
Operator  : AR\AJ
Sample  : M4419-05DL 5X
Misc  :
ALS Vial  : 14  Sample Multiplier: 1

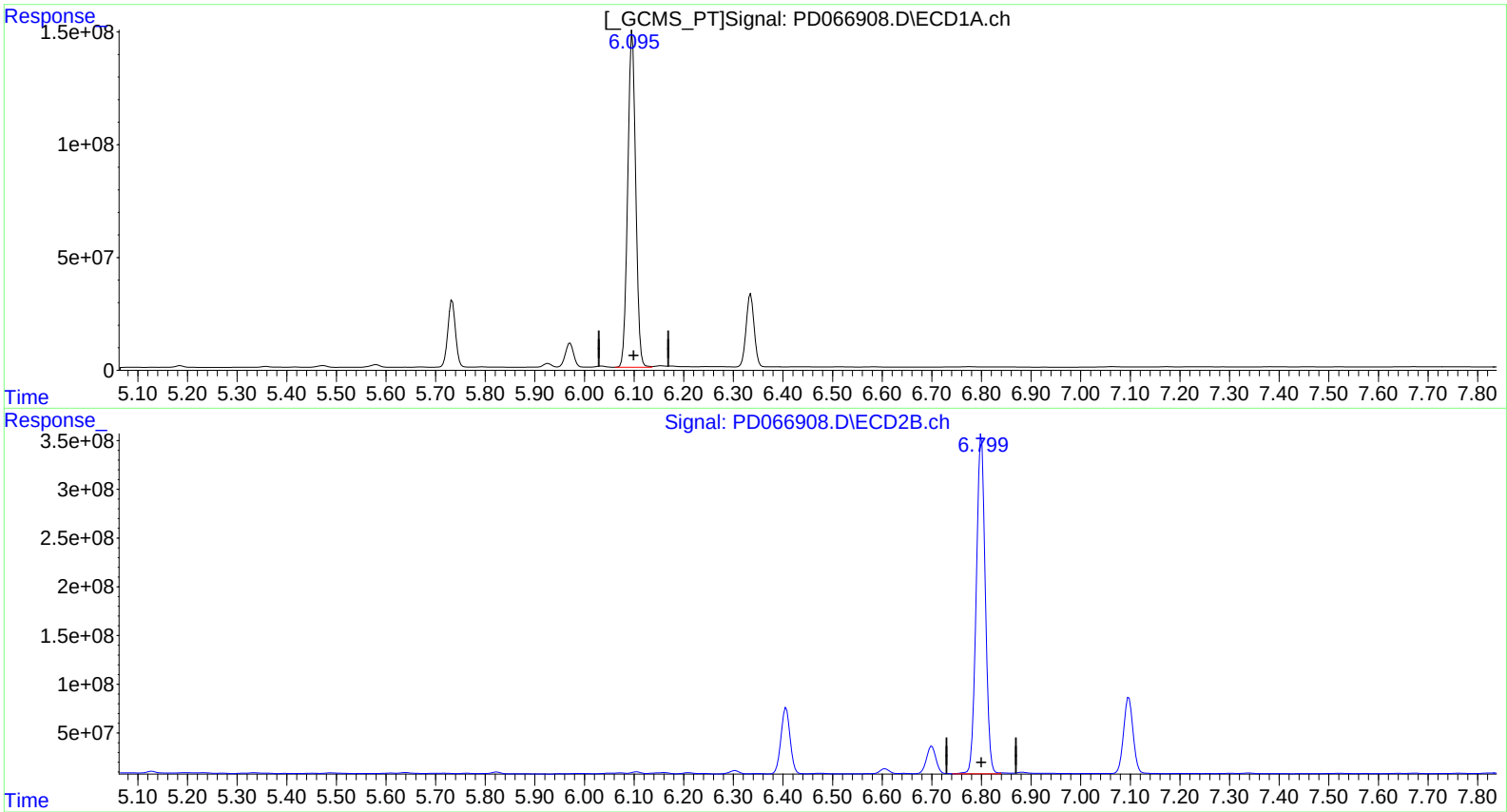
**Instrument :**
ECD_D
**ClientSampleId :**
C0HF4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Abdul Mirza  11/15/2021
Supervised By :mohammad ahmed  11/15/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 01:07:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Oct 27 16:50:52 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)

6.095min  922.300 ng/ml m

response  1669447875

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

6.799min  680.595 ng/ml m

response  4393868574

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111221\
Data File : PD066908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2021 14:09
Operator : AR\AJ
Sample : M4419-05DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
C0HF4DL

**Manual IntegrationsAPPROVED**

Reviewed By :Abdul Mirza 11/15/2021
Supervised By :mohammad ahmed 11/15/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 01:07:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 27 16:50:52 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... | 3.432 | 3.951 | 14712969 | 287.8E6 | 7.611 | 33.231m# |
| 27) | SA Decachlor... | 8.164 | 9.027 | 7315173 | 37657546 | 6.243 | 7.221 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 3.875 | 4.361 | 174.3E6 | 615.2E6 | 59.562 | 56.268 |
| 6) | B beta-BHC | 4.404 | 4.823 | 14589638 | 73514761 | 11.616 | 14.920 # |
| 7) | B delta-BHC | 4.606 | 5.038 | 34010137 | 122.3E6 | 12.831 | 12.362 |
| 9) | A Endosulfan I | 5.474 | 6.209 | 11154585 | 11732308 | 4.866 | 1.499 # |
| 10) | B trans-Chl... | 5.357 | 6.073 | 4734468 | 9286371 | 1.832m | 1.078 # |
| 11) | B cis-Chlor... | 5.418 | 6.161 | 1637488 | 21617468 | 0.643 | 2.519 # |
| 12) | B 4,4'-DDE | 5.580 | 6.304 | 14634434 | 47211024 | 6.407 | 6.200 |
| 14) | MA Endrin | 5.971 | 6.699 | 122.5E6 | 376.1E6 | 57.909 | 55.424m |
| 15) | B Endosulfa... | 6.245 | 6.883 | 1293705 | 12963466 | 0.623m | 1.808 # |
| 16) | A 4,4'-DDD | 6.095 | 6.799 | 1669.4E6 | 4393.9E6 | 922.300m | 680.595m# |
| 17) | MA 4,4'-DDT | 6.335 | 7.097 | 360.0E6 | 1039.4E6 | 190.396 | 157.334 |

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

AJ 11/22/21

AJ 11/22/21