Quantitation Report (Qedit)

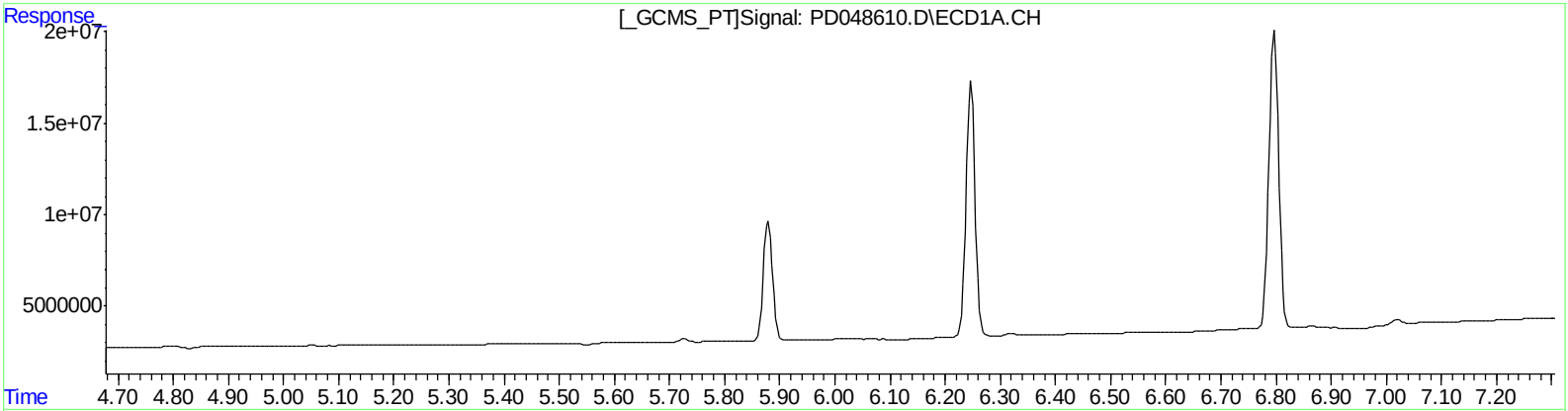
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048610.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 28 Jul 2018  5:04
Operator : AJ\SJ
Sample : PEM26
Misc :
ALS Vial : 33  Sample Multiplier: 1

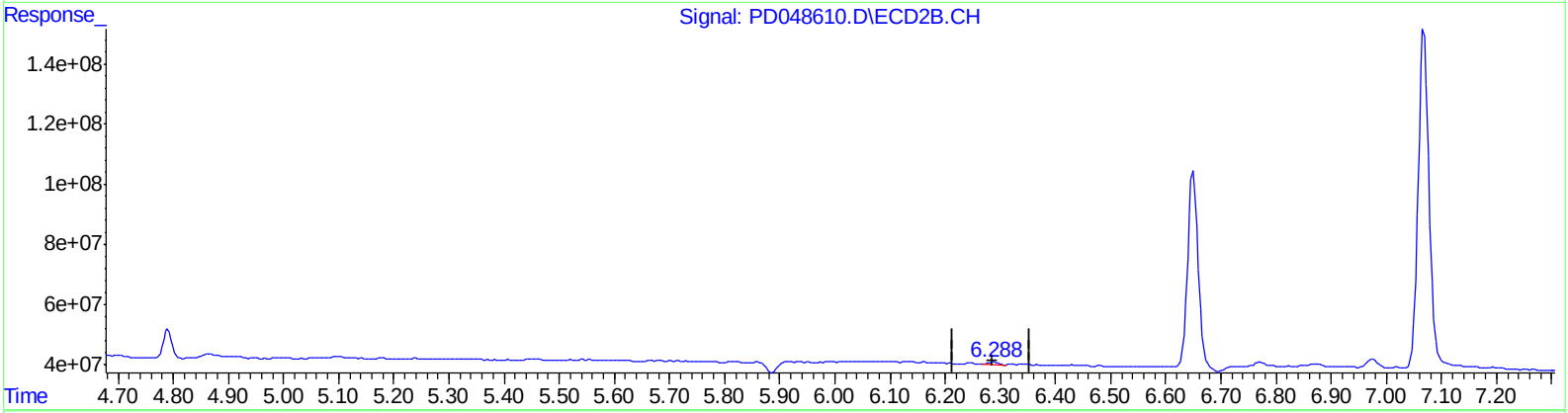
**Instrument :**
ECD_D
**LabSampleId :**
PEM26

**Manual Integrations APPROVED**
Sohil
7/30/2018 1:28:46 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 05:34:23 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Quant Title : GC Extractables
QLast Update : Sat Jul 28 05:19:54 2018
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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)
0.000min 0.000 ng/ml
response 0

(12) 4,4'-DDE #2 (B)
6.290min 0.501 ng/ml
response 10073820

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048610.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 28 Jul 2018  5:04
Operator : AJ\SJ
Sample : PEM26
Misc :
ALS Vial : 33  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM26

**Manual Integrations APPROVED**
Sohil
7/30/2018 1:28:46 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 05:34:23 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Quant Title : GC Extractables
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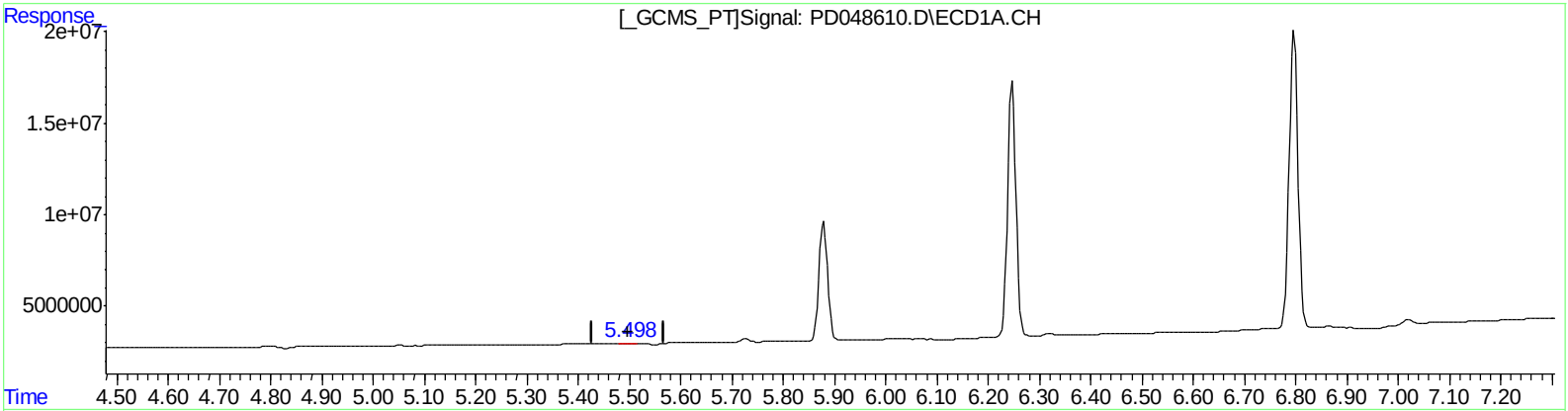
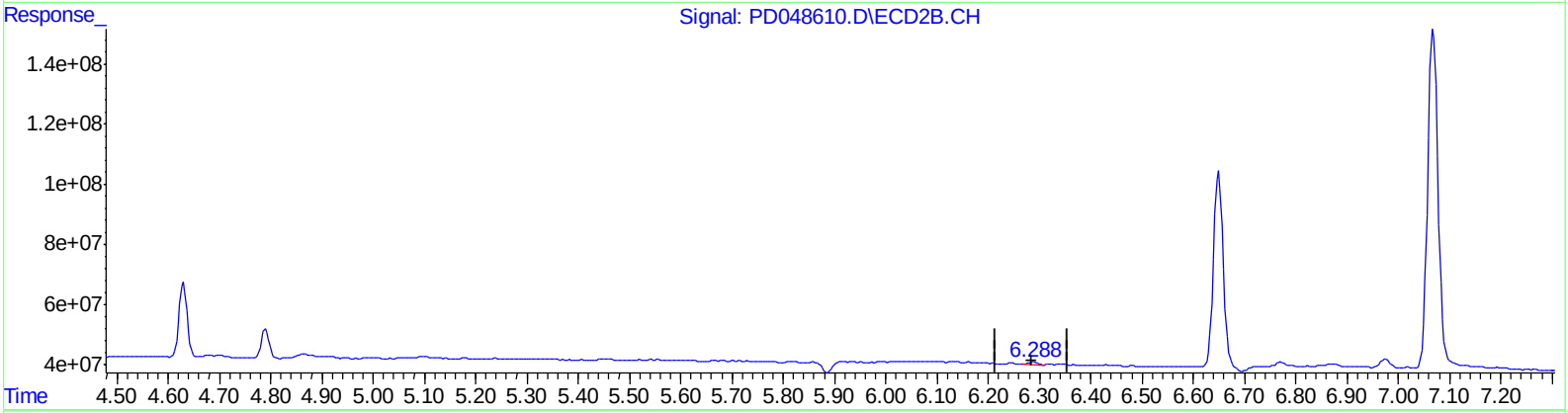
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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)
5.498min 0.138 ng/ml m
response 249877

(12) 4,4'-DDE #2 (B)
6.290min 0.501 ng/ml
response 10073820

(+) = Expected Retention Time

Quantitation Report (Qedit)

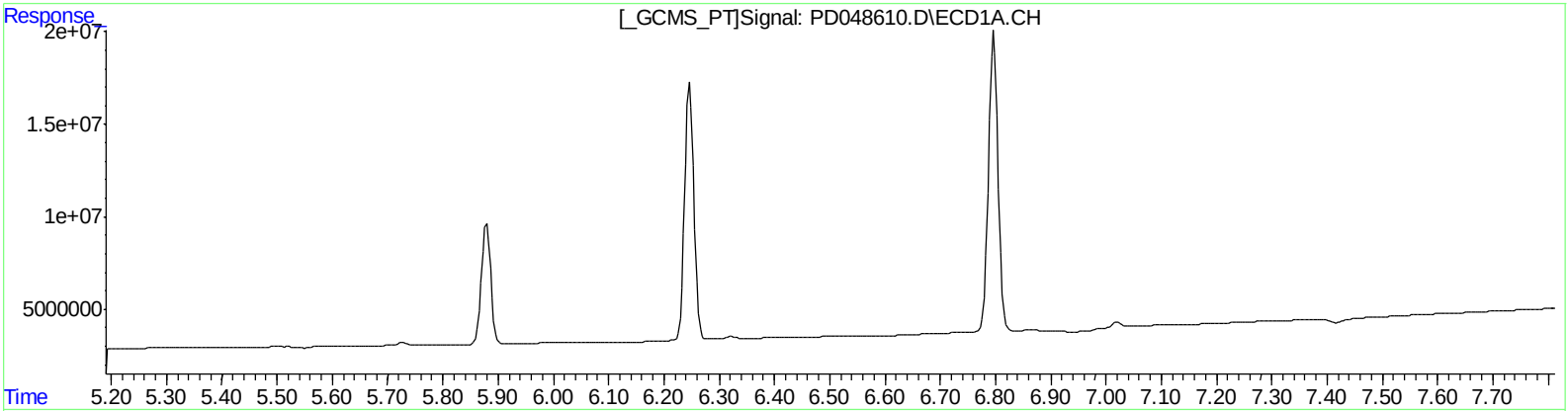
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048610.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 28 Jul 2018  5:04
Operator : AJ\SJ
Sample : PEM26
Misc :
ALS Vial : 33  Sample Multiplier: 1

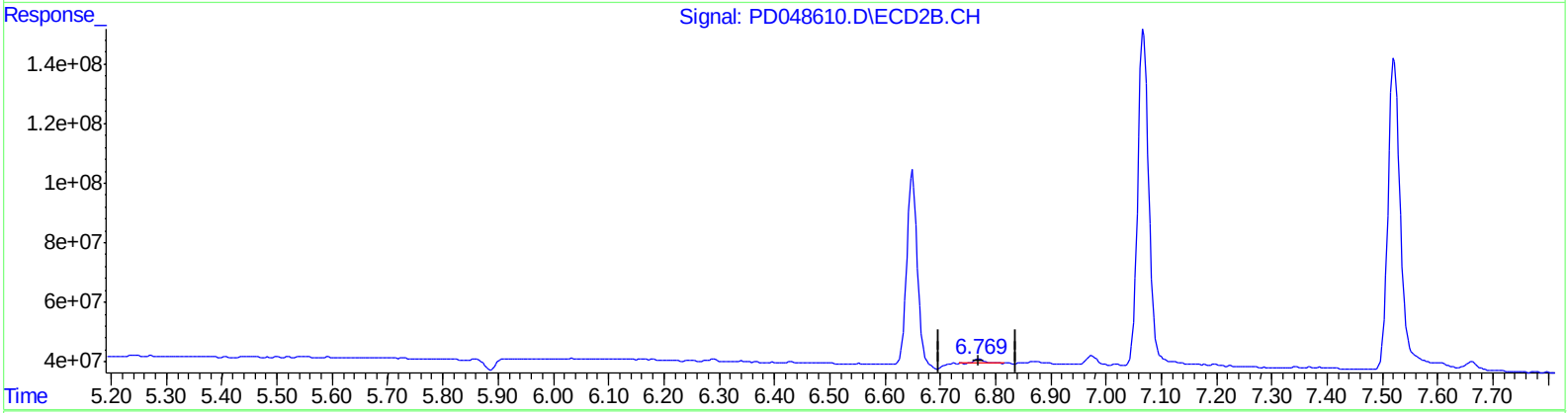
**Instrument :**
ECD_D
**LabSampleId :**
PEM26

**Manual Integrations APPROVED**
Sohil
7/30/2018 1:28:46 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 05:34:23 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Quant Title : GC Extractables
QLast Update : Sat Jul 28 05:19:54 2018
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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)
0.000min 0.000 ng/ml
response 0

(16) 4,4'-DDD #2 (A)
6.771min 1.236 ng/ml
response 19436158

(+) = Expected Retention Time

Quantitation Report (Qedit)

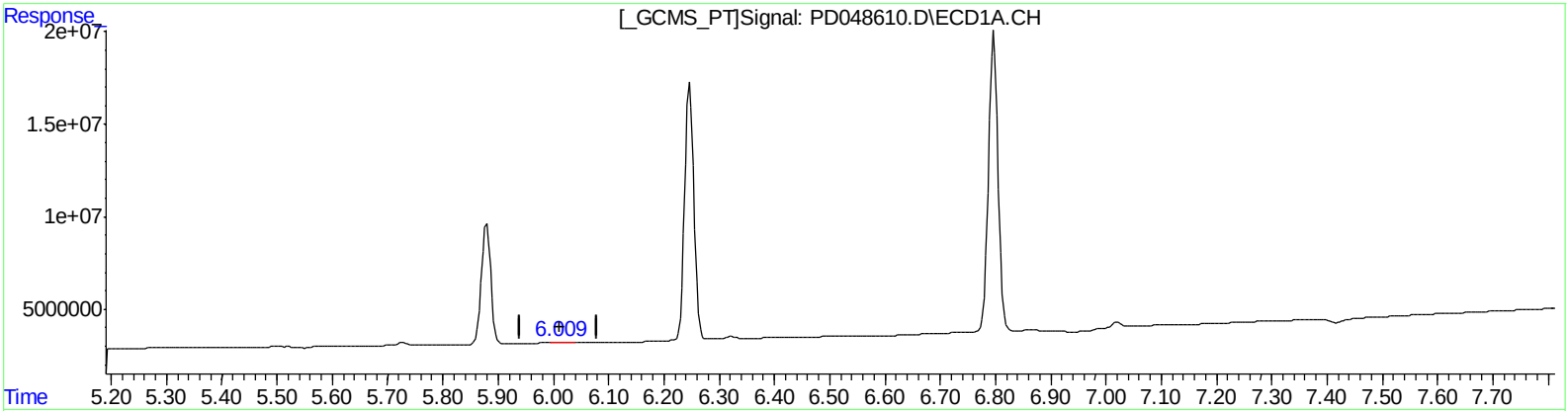
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048610.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 28 Jul 2018  5:04
Operator : AJ\SJ
Sample : PEM26
Misc :
ALS Vial : 33  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM26

**Manual Integrations APPROVED**
Sohil
7/30/2018 1:28:46 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 05:34:23 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Quant Title : GC Extractables
QLast Update : Sat Jul 28 05:19:54 2018
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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)
6.009min 0.319 ng/ml m
response 513018

(16) 4,4'-DDD #2 (A)
6.769min 0.959 ng/ml m
response 15083024

(+) = Expected Retention Time

Quantitation Report (Qedit)

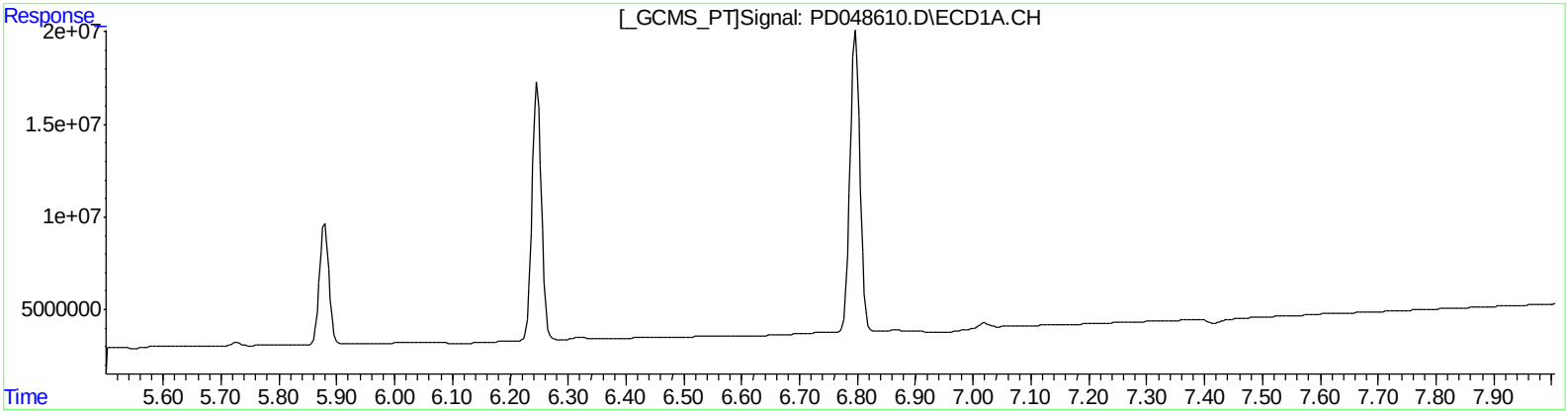
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048610.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 28 Jul 2018 5:04
Operator : AJ\SJ
Sample : PEM26
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM26

**Manual Integrations APPROVED**
Sohil
7/30/2018 1:28:46 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 05:34:23 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Quant Title : GC Extractables
QLast Update : Sat Jul 28 05:19:54 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

(18) Endrin aldehyde (B)
0.000min 0.000 ng/ml
response 0

(18) Endrin aldehyde #2 (B)
6.975min 2.571 ng/ml
response 39861288

(+) = Expected Retention Time

Quantitation Report (Qedit)

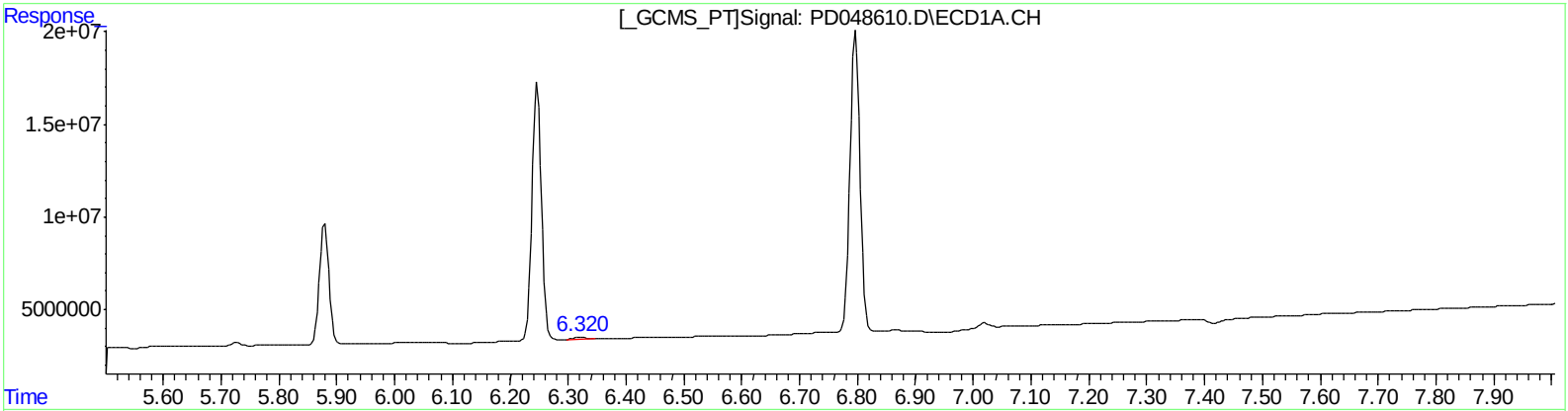
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048610.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 28 Jul 2018  5:04
Operator : AJ\SJ
Sample : PEM26
Misc :
ALS Vial : 33  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM26

**Manual Integrations APPROVED**
Sohil
7/30/2018 1:28:46 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 05:34:23 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Quant Title : GC Extractables
QLast Update : Sat Jul 28 05:19:54 2018
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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

(18) Endrin aldehyde (B)
6.320min 1.037 ng/ml m
response 1392616

(18) Endrin aldehyde #2 (B)
6.975min 2.571 ng/ml
response 39861288

(+) = Expected Retention Time

Quantitation Report (Qedit)

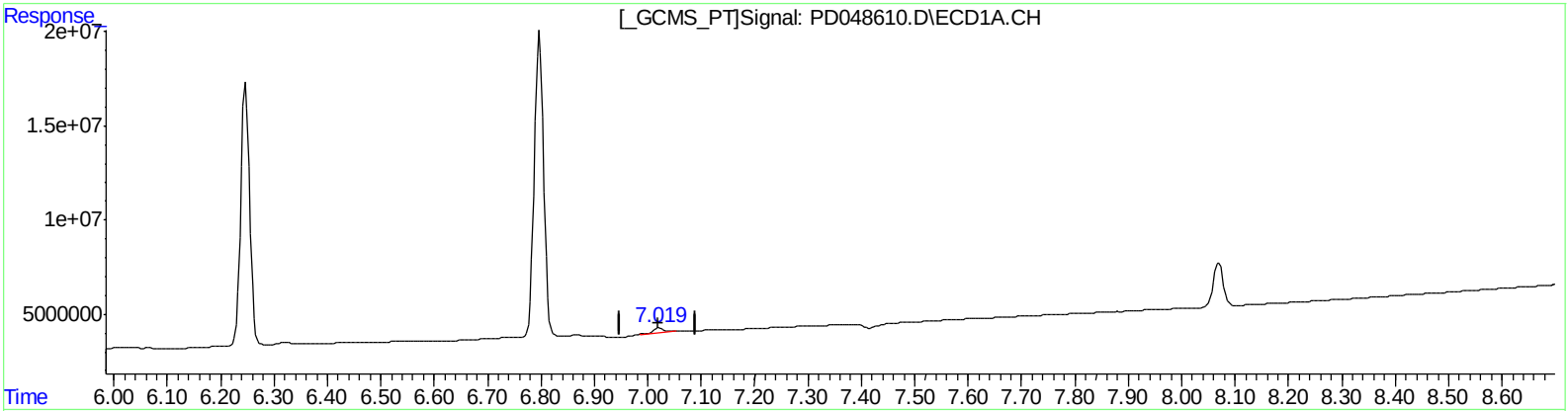
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048610.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 28 Jul 2018  5:04
Operator : AJ\SJ
Sample : PEM26
Misc :
ALS Vial : 33  Sample Multiplier: 1

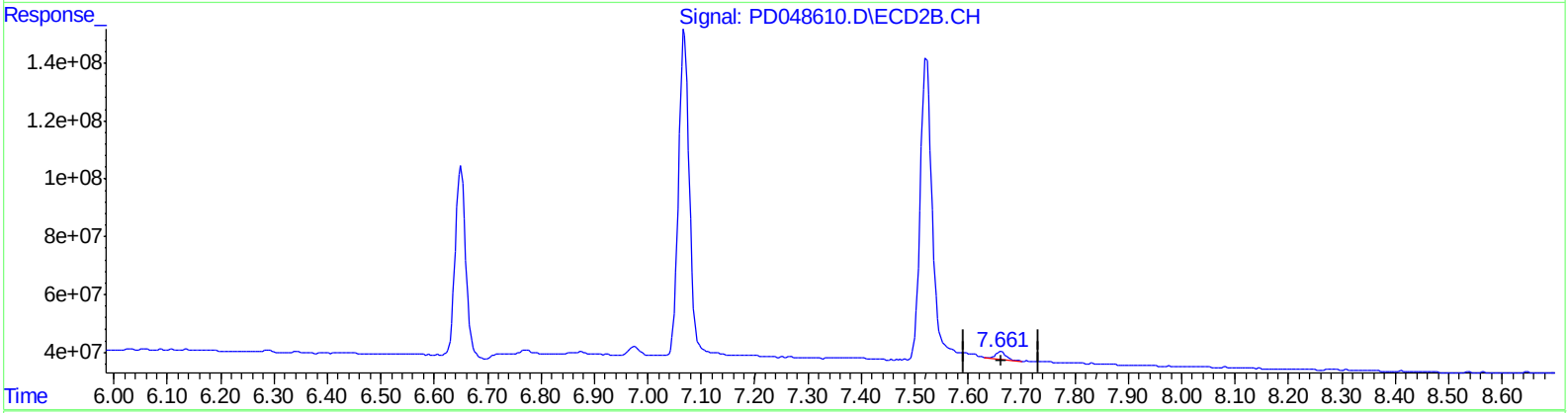
**Instrument :**
ECD_D
**LabSampleId :**
PEM26

**Manual Integrations APPROVED**
Sohil
7/30/2018 1:28:46 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 05:34:23 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Quant Title : GC Extractables
QLast Update : Sat Jul 28 05:19:54 2018
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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

(21) Endrin ketone (B)
7.020min 1.905 ng/ml
response 3521767

(21) Endrin ketone #2 (B)
7.662min 1.902 ng/ml
response 32774611

(+) = Expected Retention Time

Quantitation Report (Qedit)

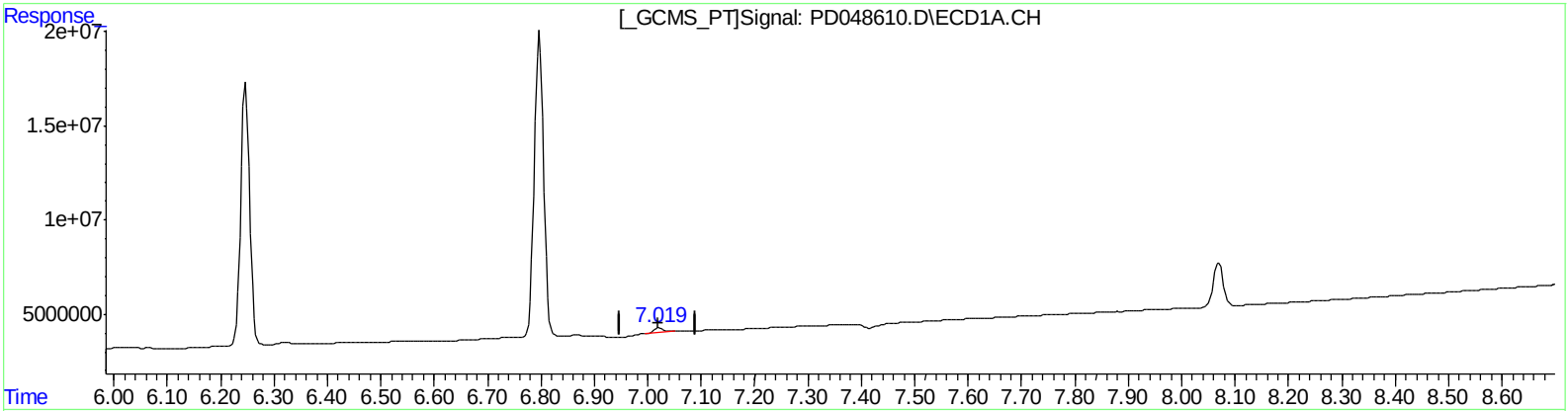
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048610.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 28 Jul 2018 5:04
Operator : AJ\SJ
Sample : PEM26
Misc :
ALS Vial : 33 Sample Multiplier: 1

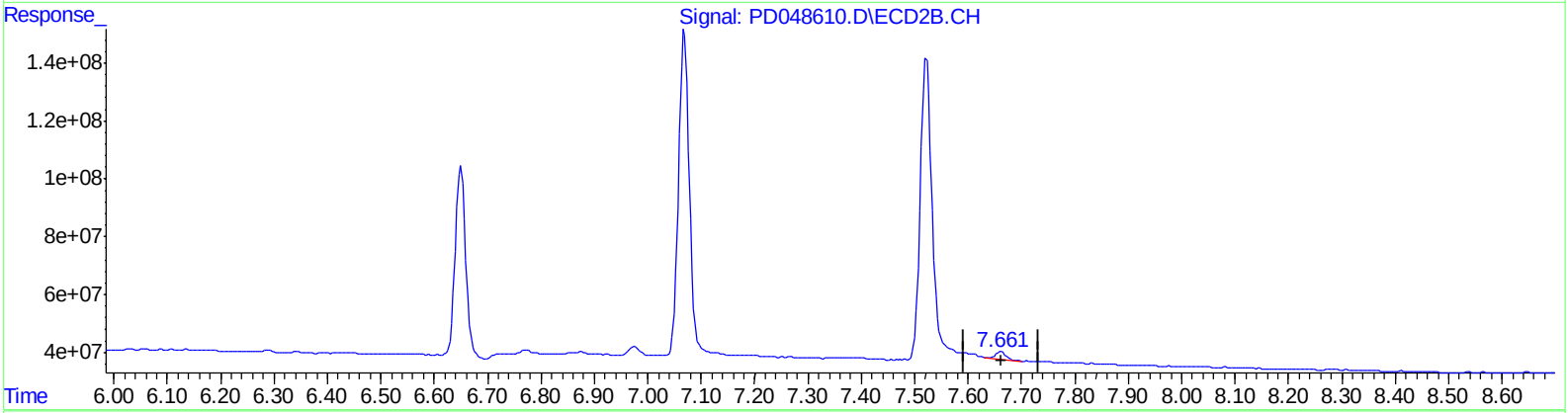
**Instrument :**
ECD_D
**LabSampleId :**
PEM26

**Manual Integrations APPROVED**
Sohil
7/30/2018 1:28:46 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 05:34:23 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Quant Title : GC Extractables
QLast Update : Sat Jul 28 05:19:54 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

(21) Endrin ketone (B)
7.019min 1.906 ng/ml m
response 3523013

(21) Endrin ketone #2 (B)
7.662min 1.902 ng/ml
response 32774611

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072818\
Data File : PD048610.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Jul 2018 5:04
Operator : AJ\SJ
Sample : PEM26
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 05:34:38 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072818CLP.M
Quant Title : GC Extractables
QLast Update : Sat Jul 28 05:19:54 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 3.371 | 3.969 | 24527915 | 348.3E6 | 17.802 | 18.108 |
| 27) | SA Decachlor... | 8.070 | 8.994 | 30379914 | 356.7E6 | 18.755 | 19.870 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 3.802 | 4.349 | 19567686 | 280.7E6 | 9.038 | 9.349 |
| 3) | MA gamma-BHC... | 4.080 | 4.630 | 20055564 | 276.6E6 | 9.419 | 9.892 |
| 6) | B beta-BHC | 4.329 | 4.790 | 7594843 | 105.0E6 | 9.545 | 9.998 |
| 12) | B 4,4'-DDE | 5.498 | 6.290 | 249877 | 10073820 | 0.138m | 0.501 # |
| 14) | MA Endrin | 5.879 | 6.650 | 77003560 | 882.8E6 | 46.363 | 47.613 |
| 16) | A 4,4'-DDD | 6.009 | 6.769 | 513018 | 15083024 | 0.319m | 0.959m# |
| 17) | MA 4,4'-DDT | 6.247 | 7.068 | 159.8E6 | 1513.7E6 | 94.631 | 92.579 |
| 18) | B Endrin al... | 6.320 | 6.975 | 1392616 | 39861288 | 1.037m | 2.571 # |
| 20) | A Methoxychlor | 6.797 | 7.522 | 198.0E6 | 1591.5E6 | 226.461 | 230.022 |
| 21) | B Endrin ke... | 7.019 | 7.662 | 3523013 | 32774611 | 1.906m | 1.902 |

SJ 08/02/18

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

**Instrument :**
ECD_D
**LabSampleId :**
PEM26

**Manual Integrations APPROVED**
Sohil
7/30/2018 1:28:46 PM