Quantitation Report (Qedit)

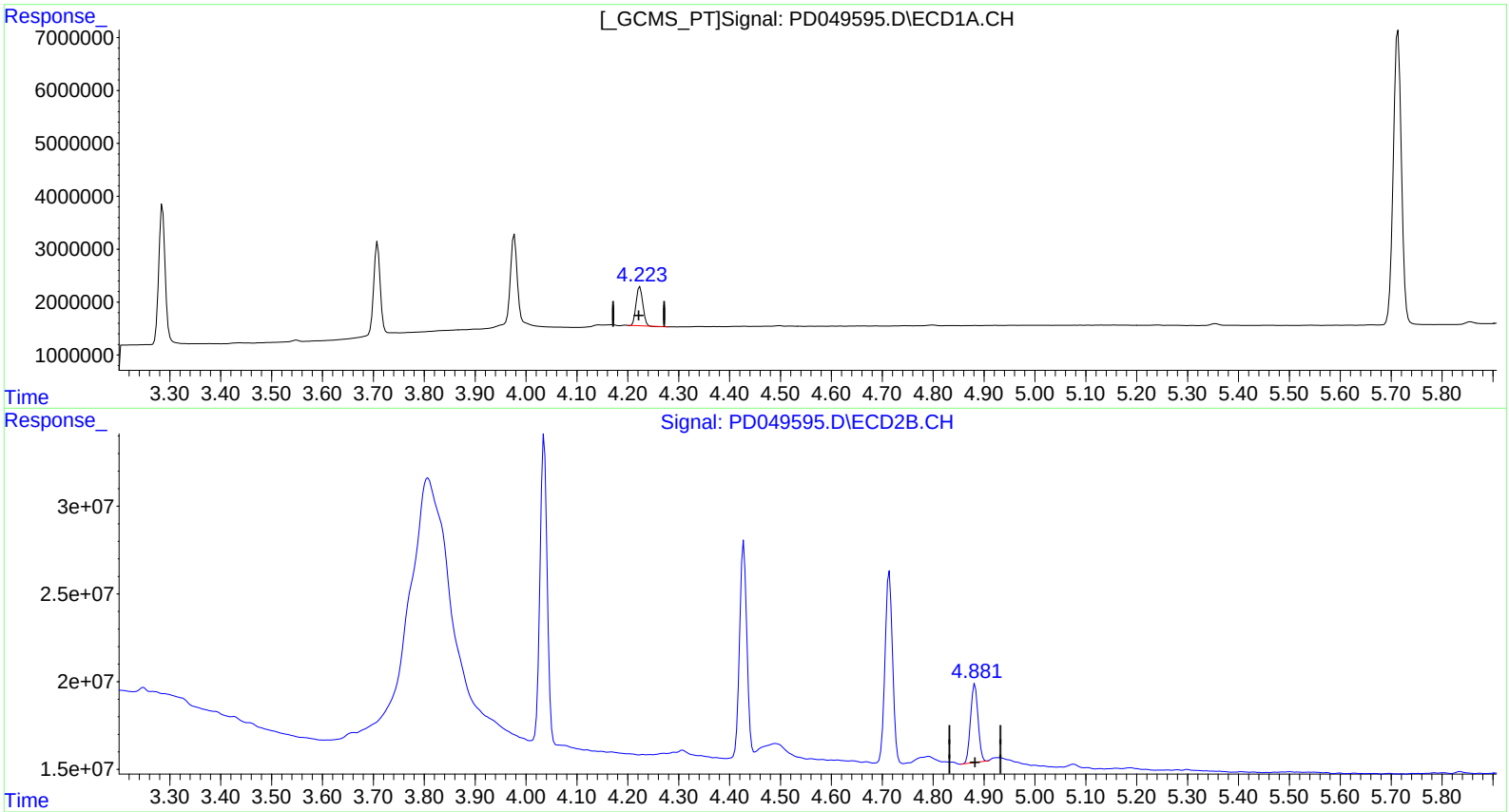
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100518\
Data File : PD049595.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On  : 05 Oct 2018  10:53
Operator  : AJ\SJ
Sample  : PEM20
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM20

**Manual Integrations APPROVED**
Sohil
10/8/2018 10:44:22 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:48:33 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100518CLP.M
Quant Title  : GC Extractables
QLast Update : Fri Oct 05 23:35:22 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

(6)  beta-BHC (B)

4.224min  9.081 ng/ml

response  6715924

(6)  beta-BHC #2 (B)

4.882min  9.403 ng/ml

response  45770857

(+) = Expected Retention Time

Quantitation Report (Qedit)

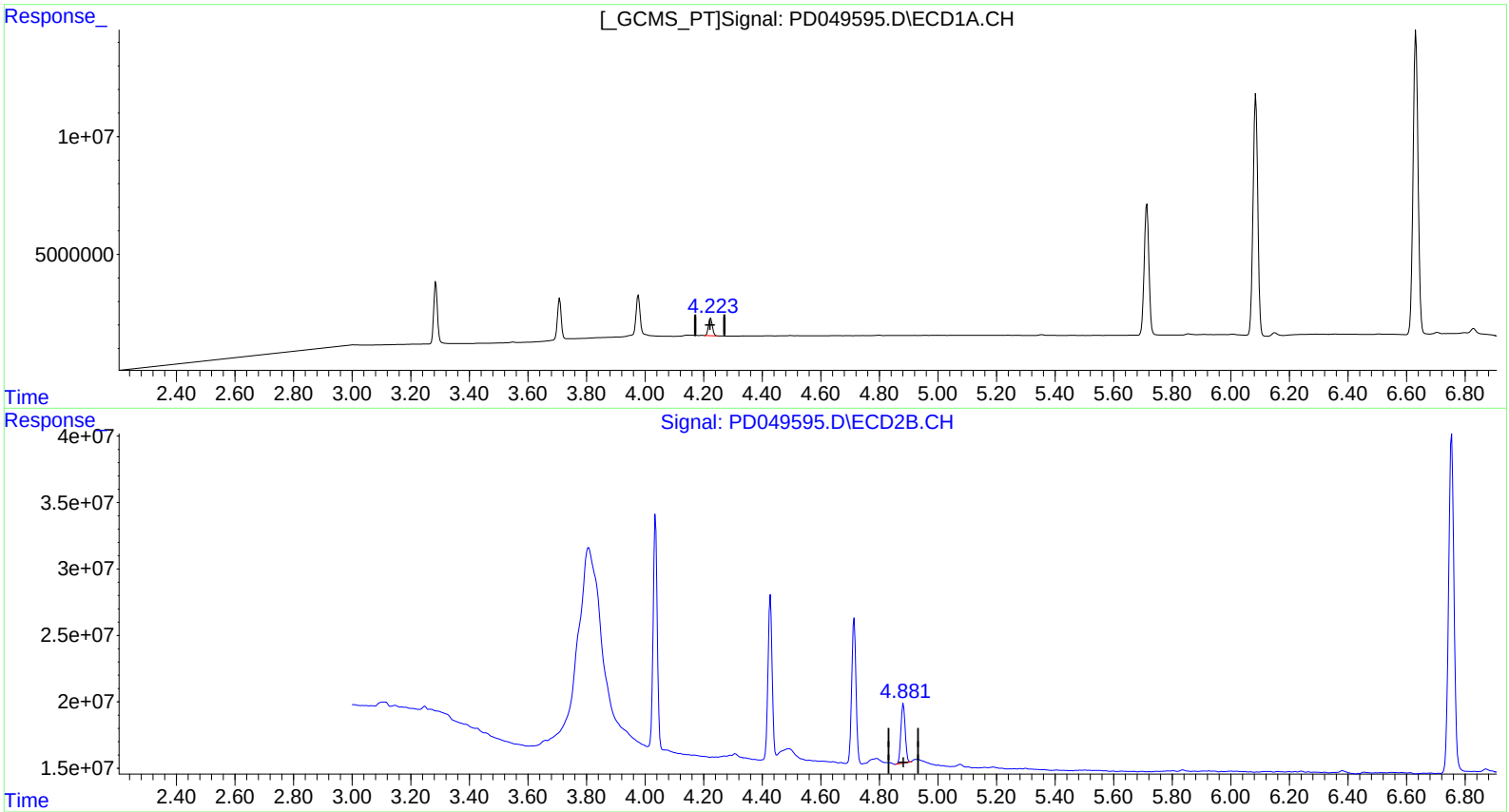
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100518\
Data File : PD049595.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On  : 05 Oct 2018  10:53
Operator  : AJ\SJ
Sample  : PEM20
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:48:33 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100518CLP.M
Quant Title  : GC Extractables
QLast Update : Fri Oct 05 23:35:22 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

**Instrument :**
ECD_D
**LabSampleId :**
PEM20

**Manual Integrations APPROVED**
Sohil
10/8/2018 10:44:22 AM




QEdit

(6) beta-BHC (B)

4.223min 9.364 ng/ml m

response 6924678

(6) beta-BHC #2 (B)

4.882min 9.403 ng/ml

response 45770857

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100518\
Data File : PD049595.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On  : 05 Oct 2018  10:53
Operator  : AJ\SJ
Sample  : PEM20
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM20

**Manual Integrations APPROVED**
Sohil
10/8/2018 10:44:22 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:48:33 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100518CLP.M
Quant Title  : GC Extractables
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Response via : Initial Calibration
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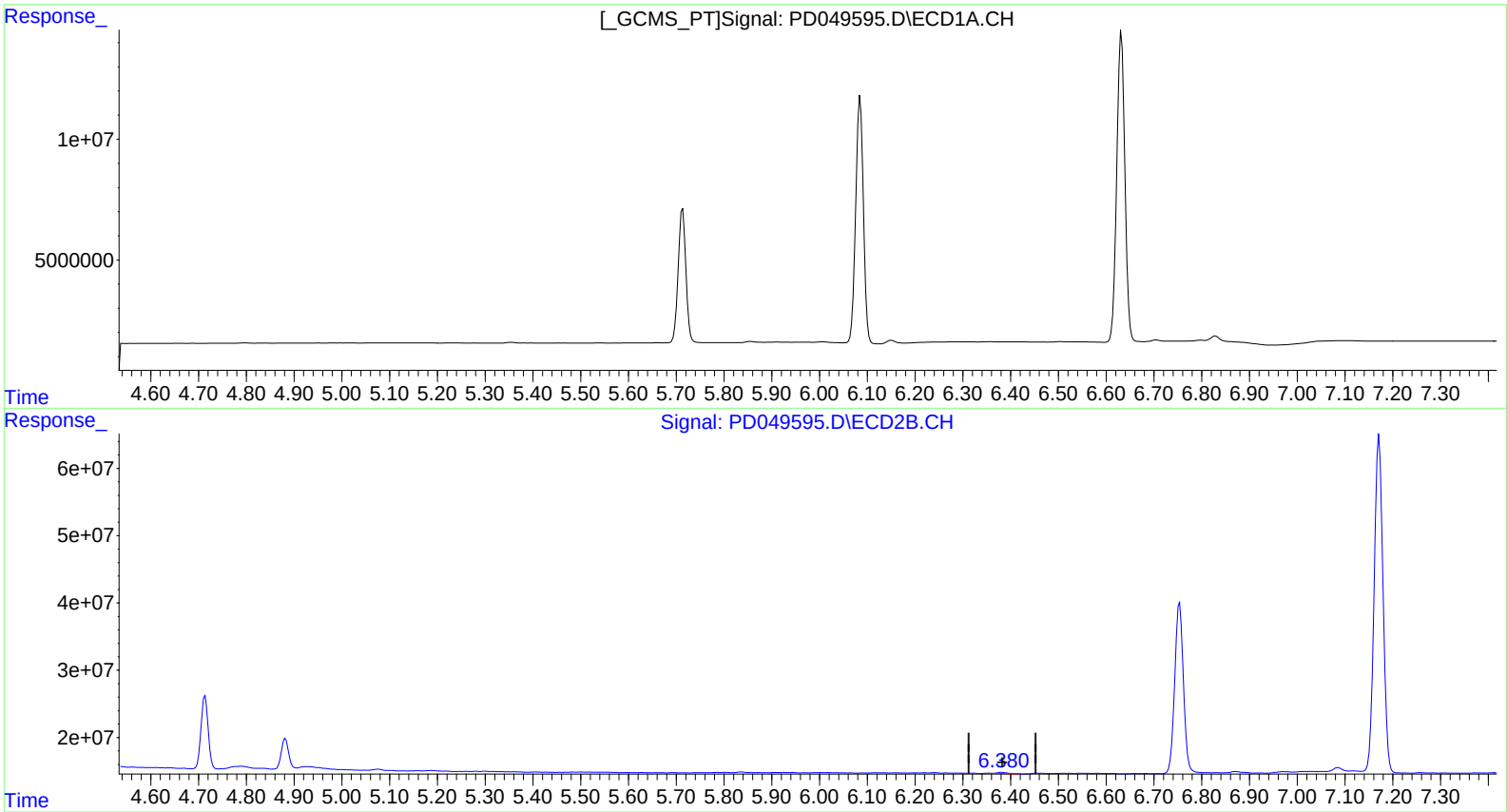
Volume Inj.  : 1 µl
Signal #1 Phase : ZB-MR2  Signal #2 Phase: ZB-MR1
Signal #1 Info  : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm




QEdit

(12)  4,4'-DDE (B)

0.000min  0.000 ng/ml

response  0

(12)  4,4'-DDE #2 (B)

6.382min  0.294 ng/ml

response  2634987

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100518\
Data File : PD049595.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On  : 05 Oct 2018  10:53
Operator  : AJ\SJ
Sample  : PEM20
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM20

**Manual Integrations APPROVED**
Sohil
10/8/2018 10:44:22 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:48:33 2018
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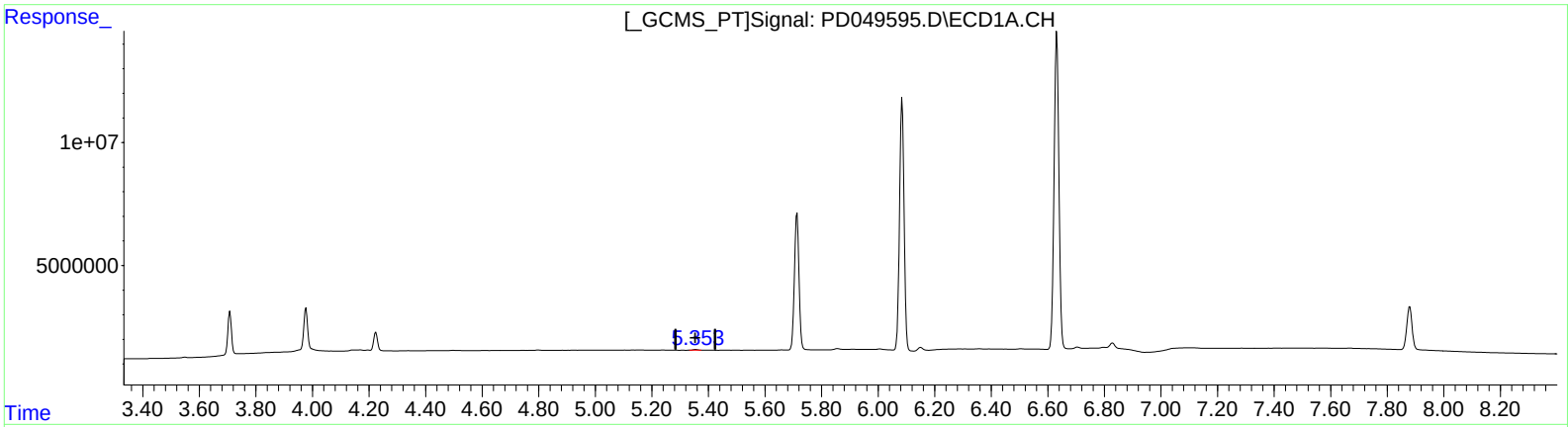
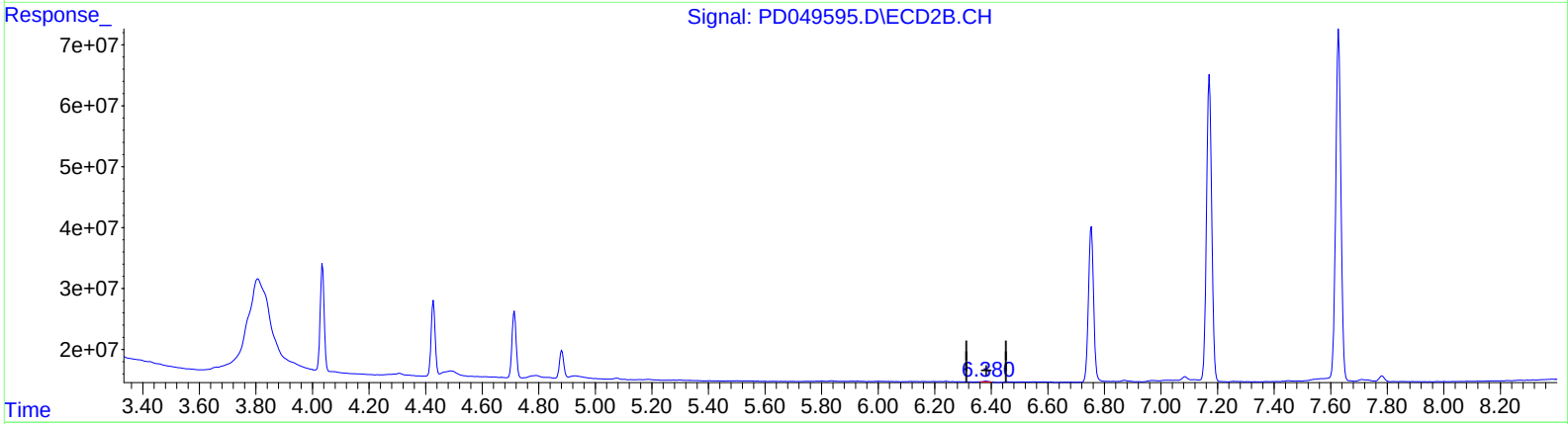
Quant Title  : GC Extractables
QLast Update : Fri Oct 05 23:35:22 2018
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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)

5.353min  0.242 ng/ml m

response  336200

(12)  4,4'-DDE #2 (B)

6.380min  0.185 ng/ml m

response  1653911

(+) = Expected Retention Time

Quantitation Report (Qedit)

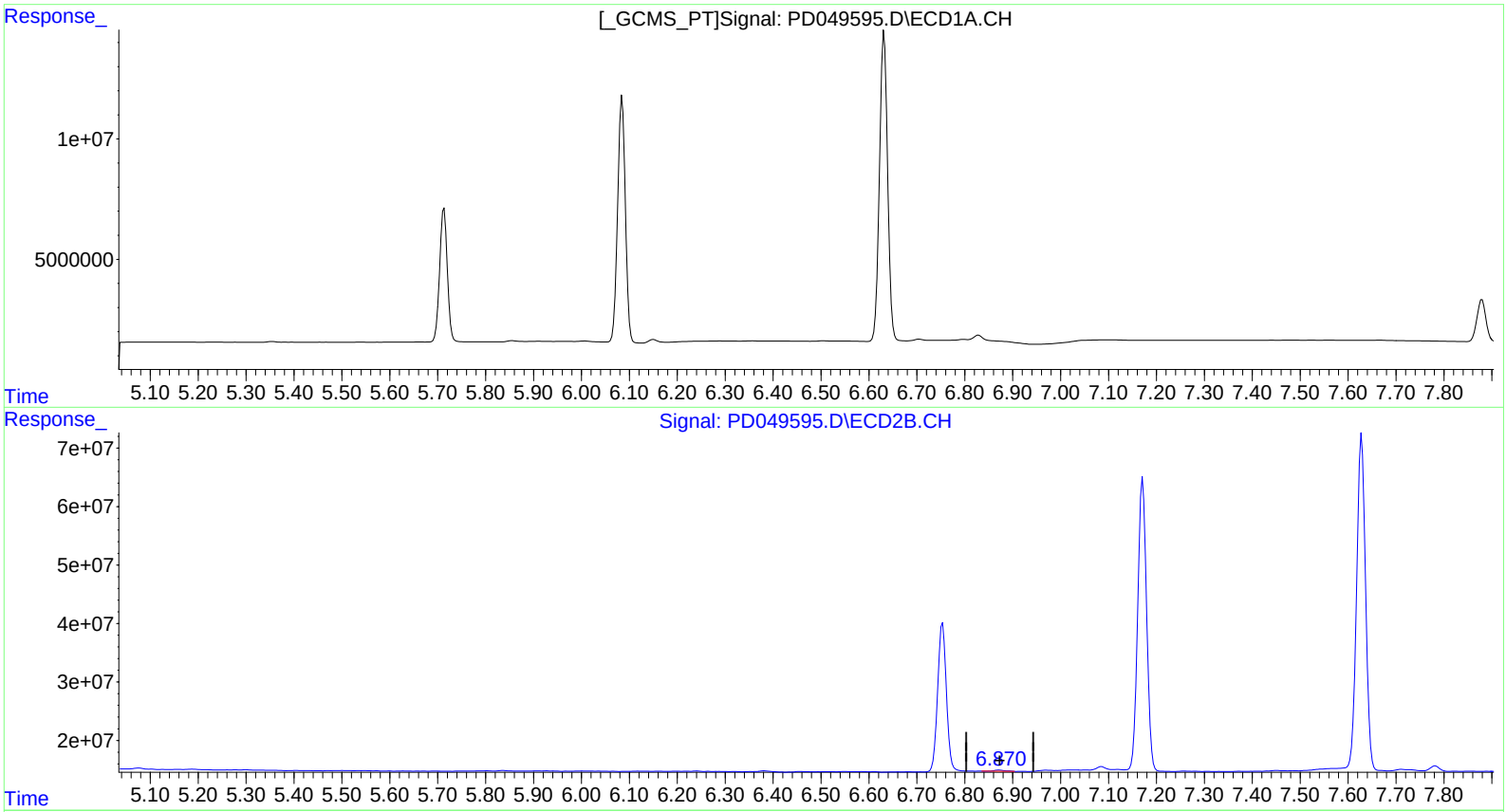
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100518\
Data File : PD049595.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On  : 05 Oct 2018  10:53
Operator  : AJ\SJ
Sample  : PEM20
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM20

**Manual Integrations APPROVED**
Sohil
10/8/2018 10:44:22 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:48:33 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100518CLP.M
Quant Title  : GC Extractables
QLast Update : Fri Oct 05 23:35:22 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)

6.872min  0.416 ng/ml

response  2930668

(+) = Expected Retention Time

Quantitation Report (Qedit)

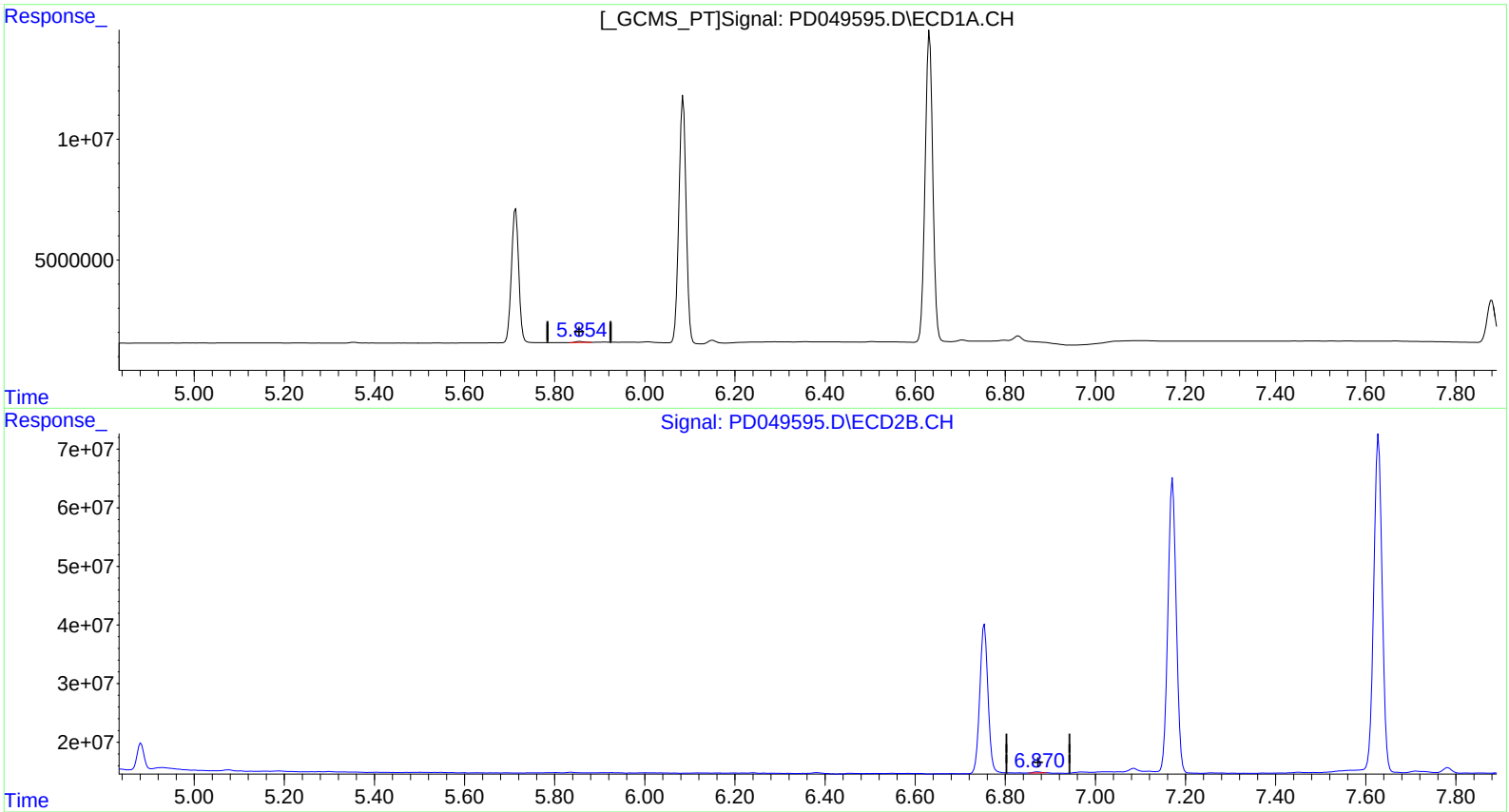
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100518\
Data File : PD049595.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On  : 05 Oct 2018  10:53
Operator  : AJ\SJ
Sample  : PEM20
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM20

**Manual Integrations APPROVED**
Sohil
10/8/2018 10:44:22 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:48:33 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100518CLP.M
Quant Title  : GC Extractables
QLast Update : Fri Oct 05 23:35:22 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)
5.854min  0.485 ng/ml m
response  543263

(16)  4,4'-DDD #2 (A)
6.870min  0.258 ng/ml m
response  1819411

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100518\
Data File : PD049595.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On  : 05 Oct 2018  10:53
Operator  : AJ\SJ
Sample  : PEM20
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM20

**Manual Integrations APPROVED**
Sohil
10/8/2018 10:44:22 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:48:33 2018
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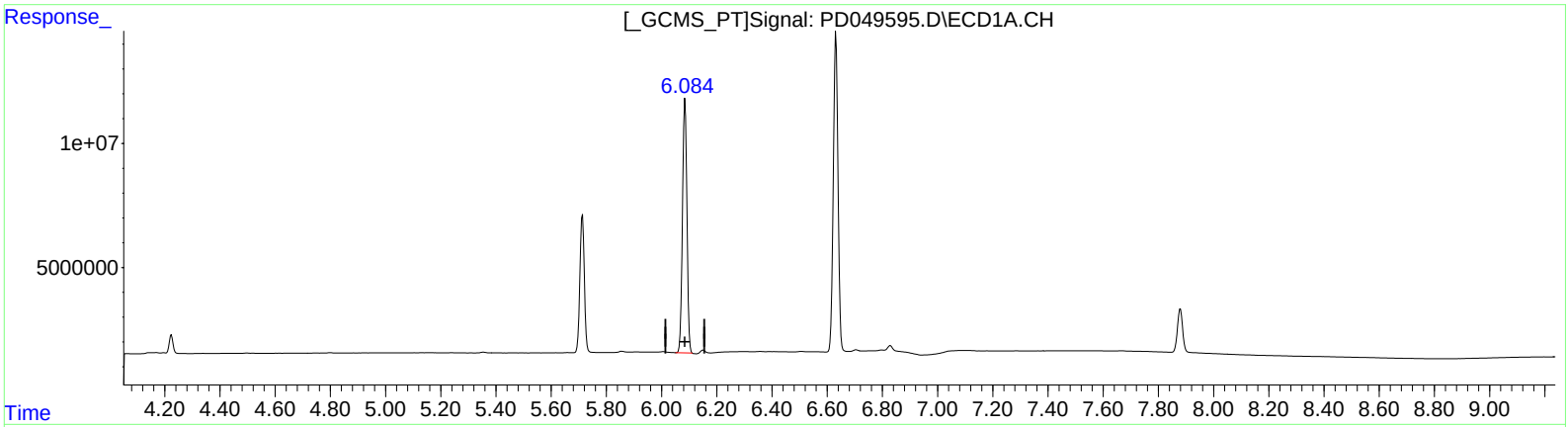
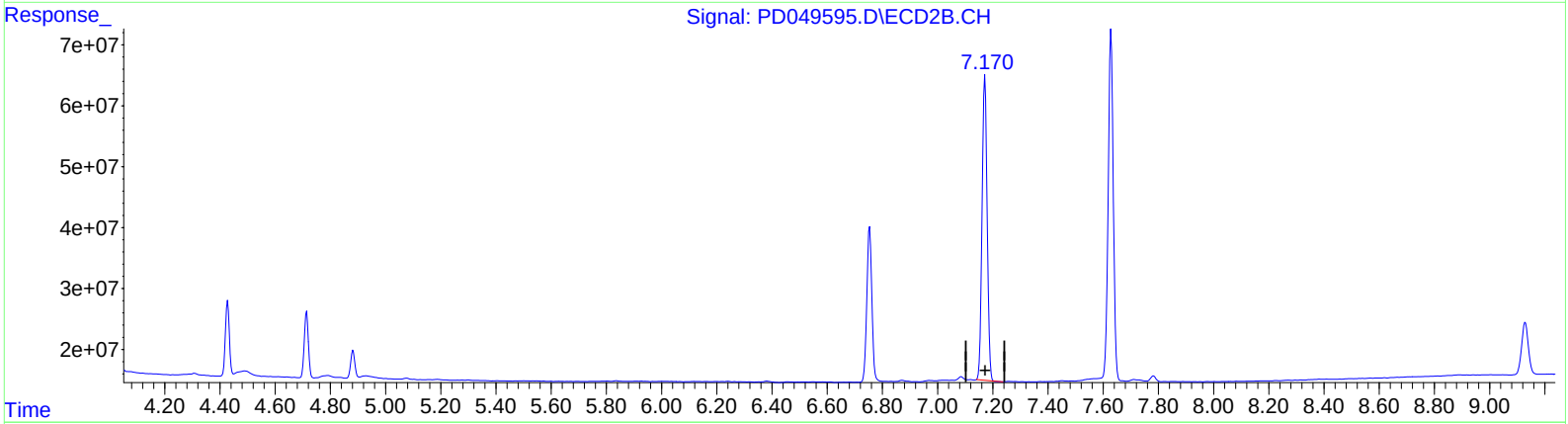
Quant Title  : GC Extractables
QLast Update : Fri Oct 05 23:35:22 2018
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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

(17)  4,4'-DDT (MA)
6.085min  98.399 ng/ml
response  114271736

(17)  4,4'-DDT #2 (MA)
7.172min  99.116 ng/ml
response  637396119

(+) = Expected Retention Time

Quantitation Report (Qedit)

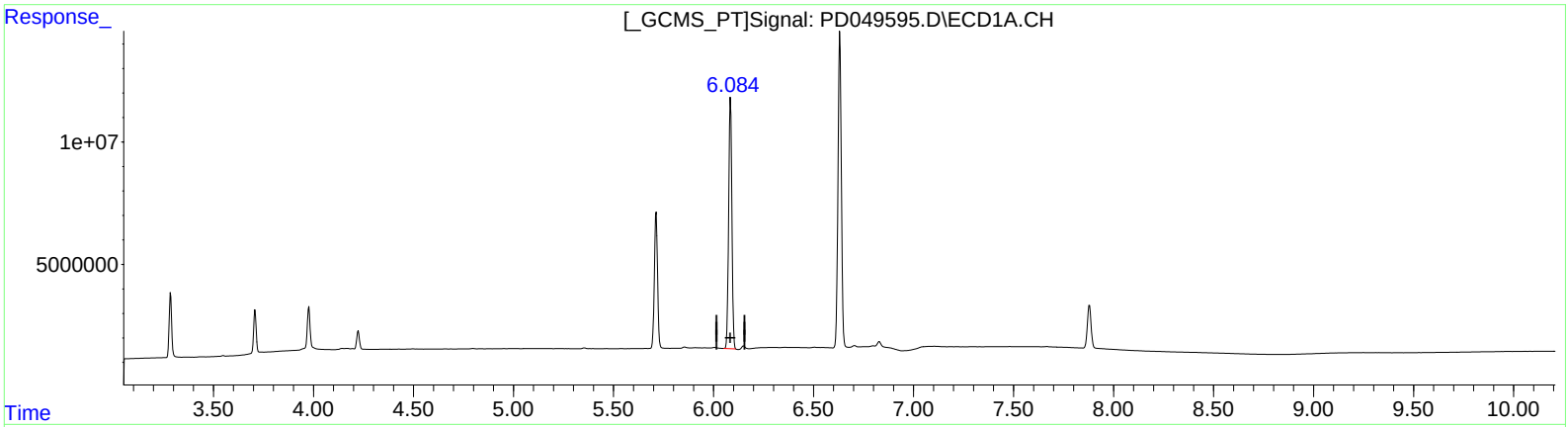
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100518\
Data File : PD049595.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On  : 05 Oct 2018  10:53
Operator  : AJ\SJ
Sample  : PEM20
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

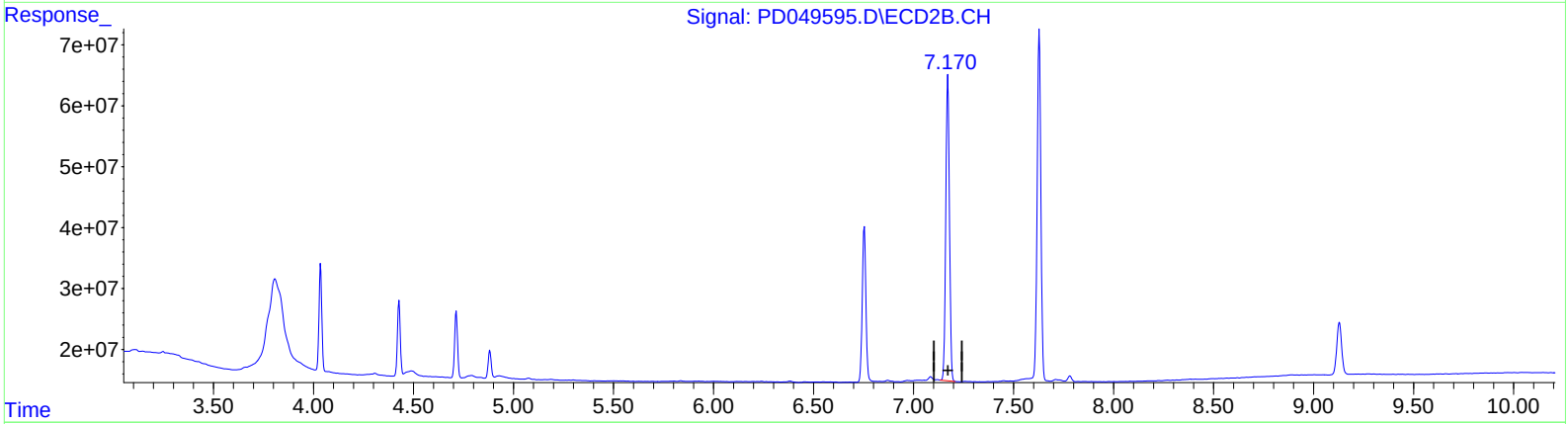
**Instrument :**
ECD_D
**LabSampleId :**
PEM20

**Manual Integrations APPROVED**
Sohil
10/8/2018 10:44:22 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:48:33 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100518CLP.M
Quant Title  : GC Extractables
QLast Update : Fri Oct 05 23:35:22 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

(17)  4,4'-DDT (MA)
6.085min  98.399 ng/ml
response  114271736

(17)  4,4'-DDT #2 (MA)
7.170min  99.790 ng/ml m
response  641733692

(+) = Expected Retention Time

Quantitation Report (Qedit)

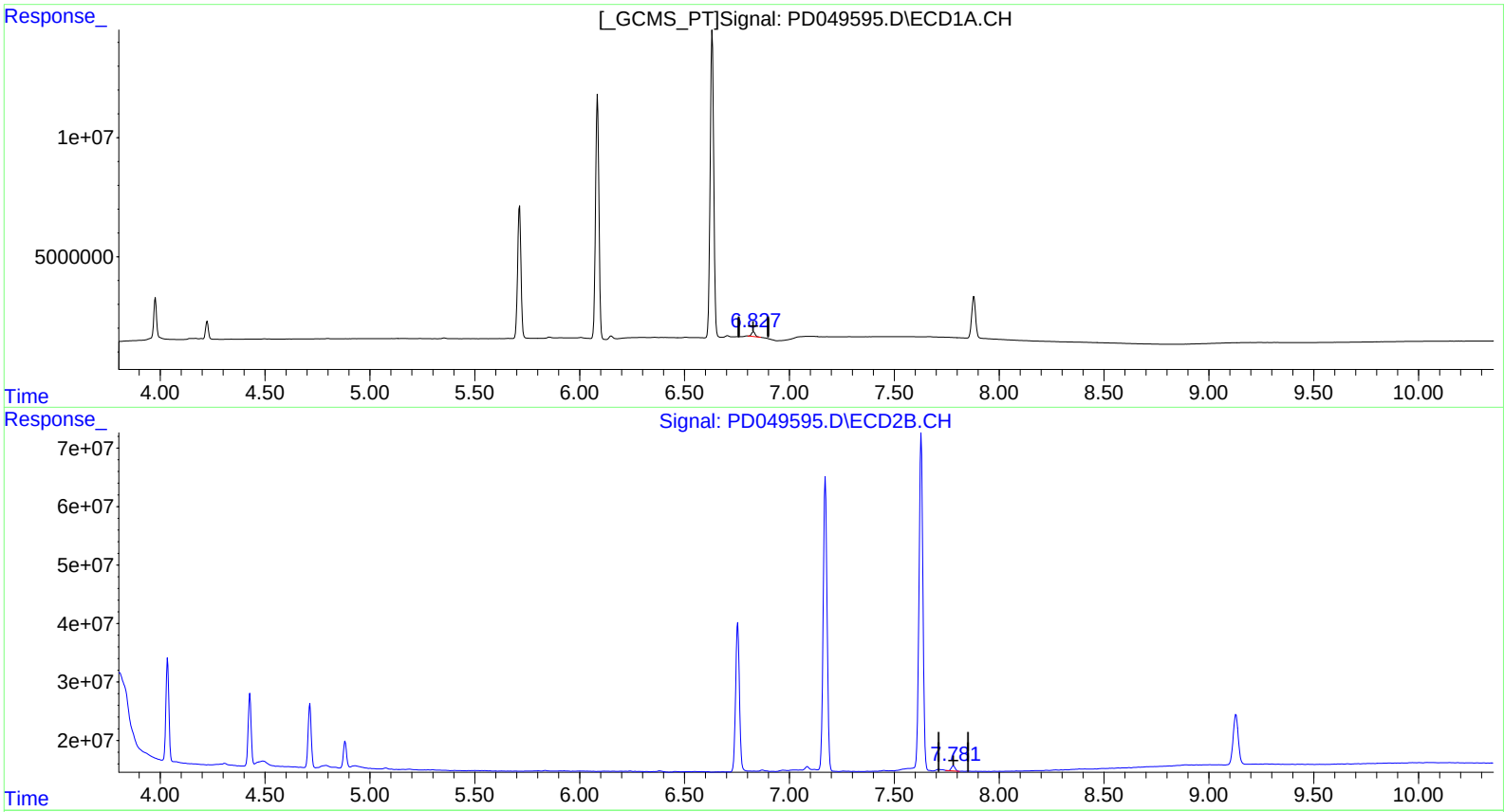
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100518\
Data File : PD049595.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On  : 05 Oct 2018  10:53
Operator  : AJ\SJ
Sample  : PEM20
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM20

**Manual Integrations APPROVED**
Sohil
10/8/2018 10:44:22 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:48:33 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100518CLP.M
Quant Title  : GC Extractables
QLast Update : Fri Oct 05 23:35:22 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)

6.829min  1.750 ng/ml

response  2339887

(21)  Endrin ketone #2 (B)

7.782min  1.519 ng/ml

response  10992854

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100518\
Data File : PD049595.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On  : 05 Oct 2018  10:53
Operator  : AJ\SJ
Sample  : PEM20
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM20

**Manual Integrations APPROVED**
Sohil
10/8/2018 10:44:22 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:48:33 2018
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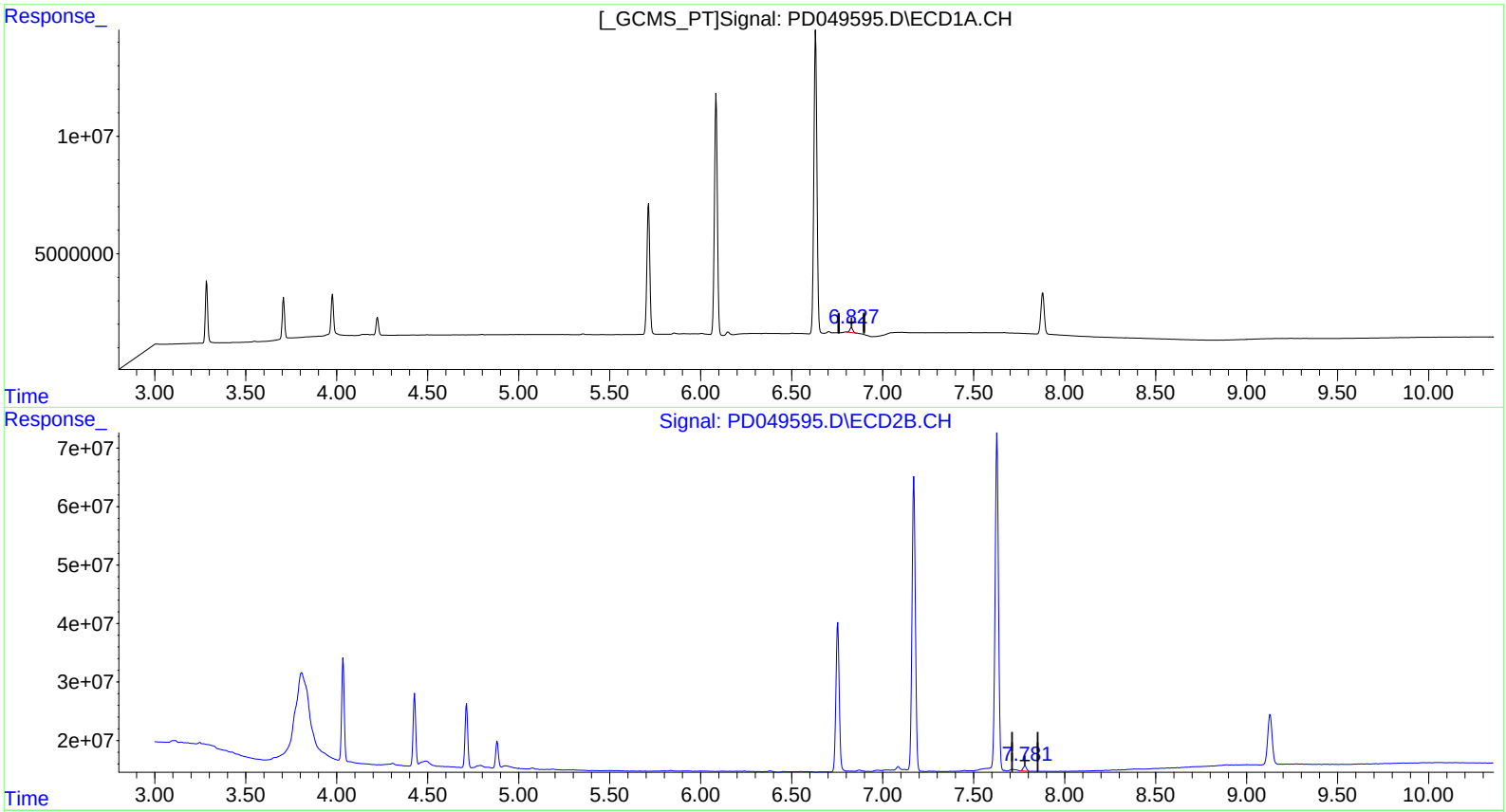
Quant Title  : GC Extractables
QLast Update : Fri Oct 05 23:35:22 2018
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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)

6.829min  1.750 ng/ml

response  2339887

(21) Endrin ketone #2 (B)

7.781min  1.602 ng/ml m

response  11594201

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100518\
Data File : PD049595.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Oct 2018 10:53
Operator : AJ\SJ
Sample : PEM20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 23:48:33 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100518CLP.M
Quant Title : GC Extractables
QLast Update : Fri Oct 05 23:35:22 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... | 3.286 | 4.036 | 23056187 | 170.0E6 | 19.050 | 19.371 |
| 27) | SA Decachlor... | 7.880 | 9.129 | 22802800 | 146.1E6 | 20.512 | 20.414 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 3.708 | 4.428 | 15533166 | 118.8E6 | 8.945 | 9.557 |
| 3) | MA gamma-BHC... | 3.977 | 4.714 | 15526066 | 112.2E6 | 9.284 | 9.790 |
| 6) | B beta-BHC | 4.223 | 4.882 | 6924678 | 45770857 | 9.364m | 9.403 |
| 12) | B 4,4'-DDE | 5.353 | 6.380 | 336200 | 1653911 | 0.242m | 0.185m |
| 14) | MA Endrin | 5.713 | 6.754 | 62051351 | 321.7E6 | 50.556 | 51.795 |
| 16) | A 4,4'-DDD | 5.854 | 6.870 | 543263 | 1819411 | 0.485m | 0.258m# |
| 17) | MA 4,4'-DDT | 6.085 | 7.170 | 114.3E6 | 641.7E6 | 98.399 | 99.790m |
| 18) | B Endrin al... | 6.150 | 7.086 | 1582257 | 6366433 | 1.613 | 1.030 # |
| 20) | A Methoxychlor | 6.632 | 7.628 | 151.8E6 | 732.4E6 | 235.732 | 242.016 |
| 21) | B Endrin ke... | 6.829 | 7.781 | 2339887 | 11594201 | 1.750 | 1.602m |

SJ 10/09/18

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

**Instrument :**
ECD_D
**LabSampleId :**
PEM20

**Manual Integrations APPROVED**
Sohil
10/8/2018 10:44:22 AM