Quantitation Report (Qedit)

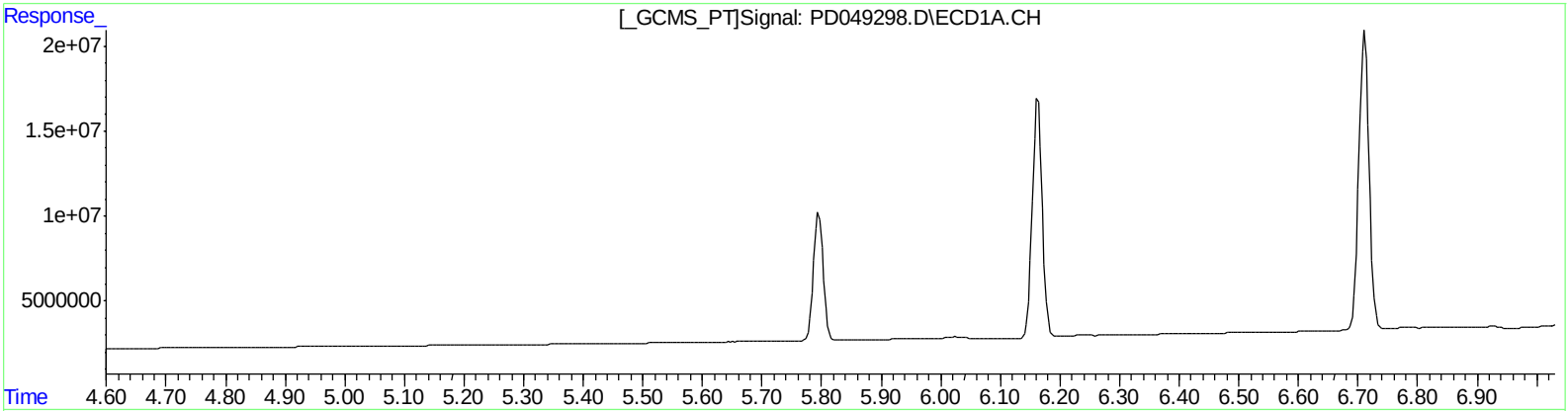
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091918\
Data File : PD049298.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 19 Sep 2018  22:09
Operator : AJ\SJ
Sample : PEM07
Misc :
ALS Vial : 3  Sample Multiplier: 1

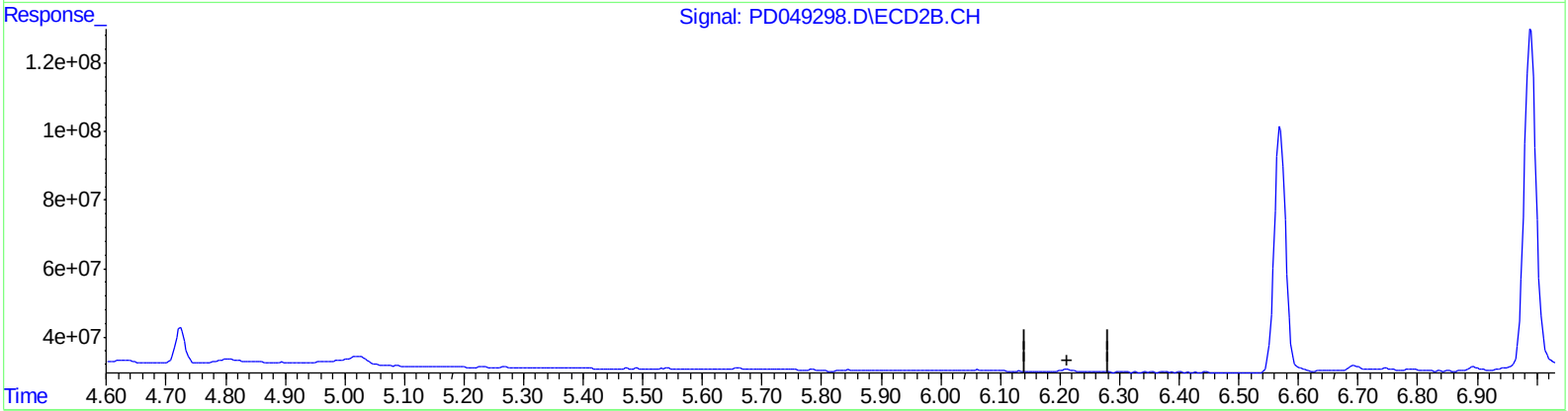
**Instrument :**
ECD_D
**LabSampleId :**
PEM07

**Manual Integrations APPROVED**
Sohil
9/24/2018 11:52:19 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 20 04:53:33 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091918CLP.M
Quant Title : GC Extractables
QLast Update : Thu Sep 20 04:32:05 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)
0.000min 0.000 ng/ml
response 0

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091918\
Data File : PD049298.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 19 Sep 2018  22:09
Operator : AJ\SJ
Sample : PEM07
Misc :
ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM07

**Manual Integrations APPROVED**
Sohil
9/24/2018 11:52:19 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 20 04:53:33 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091918CLP.M
Quant Title : GC Extractables
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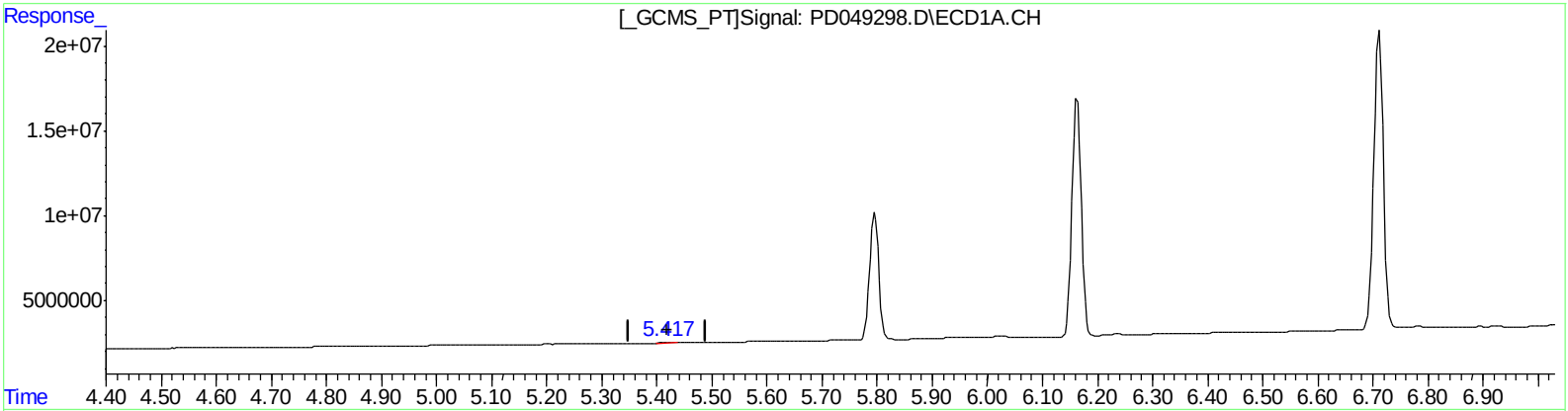
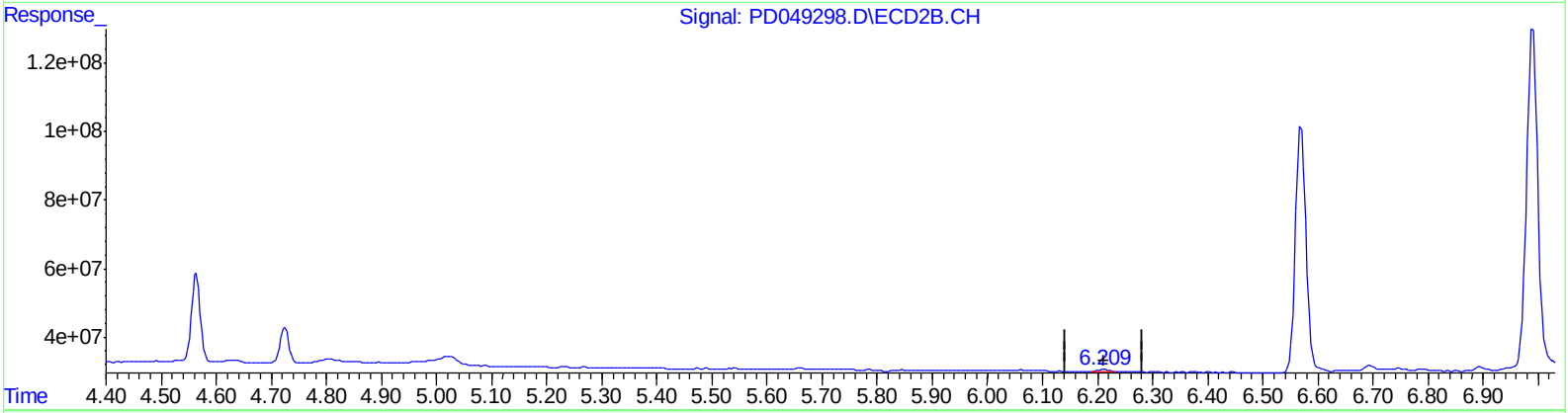
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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)
5.417min 0.171 ng/ml m
response 310711

(12) 4,4'-DDE #2 (B)
6.209min 0.498 ng/ml m
response 9506992

(+) = Expected Retention Time

Quantitation Report (Qedit)

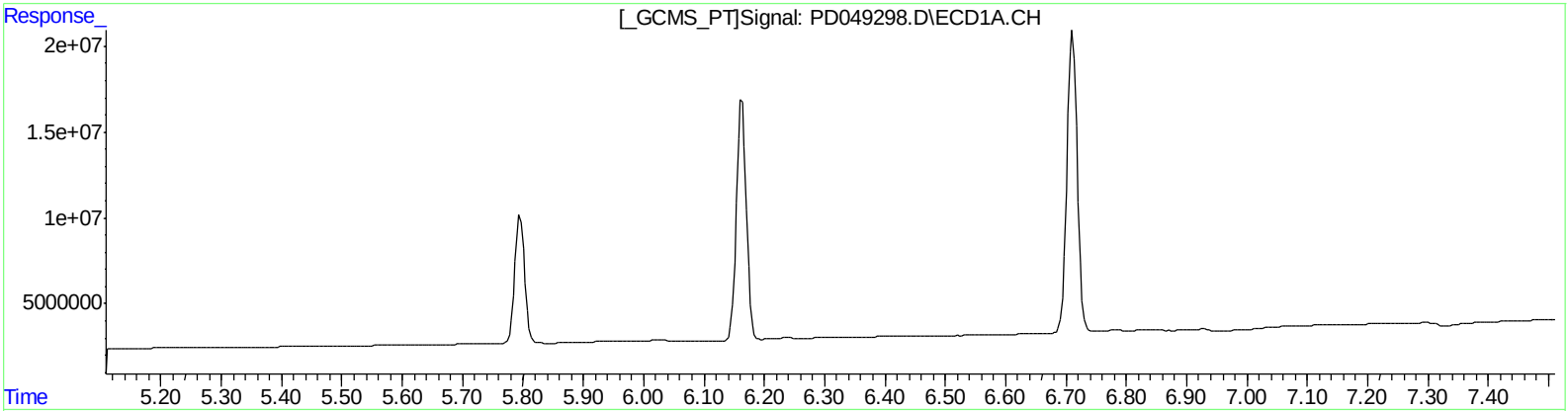
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091918\
Data File : PD049298.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 19 Sep 2018  22:09
Operator : AJ\SJ
Sample : PEM07
Misc :
ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM07

**Manual Integrations APPROVED**
Sohil
9/24/2018 11:52:19 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 20 04:53:33 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091918CLP.M
Quant Title : GC Extractables
QLast Update : Thu Sep 20 04:32:05 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)
0.000min 0.000 ng/ml
response 0

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091918\
Data File : PD049298.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 19 Sep 2018  22:09
Operator : AJ\SJ
Sample : PEM07
Misc :
ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM07

**Manual Integrations APPROVED**
Sohil
9/24/2018 11:52:19 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : GC Extractables
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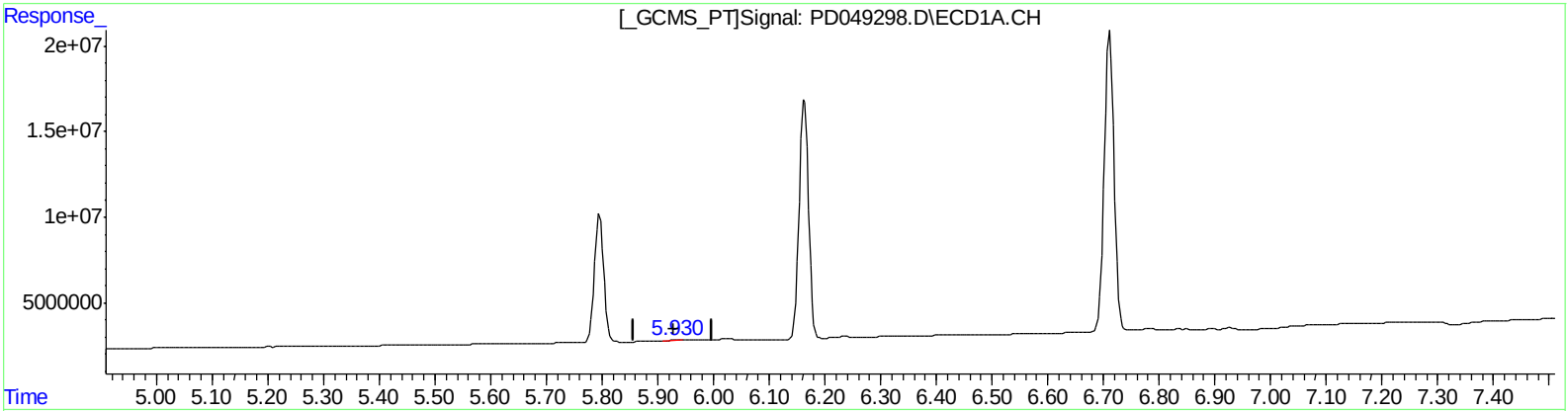
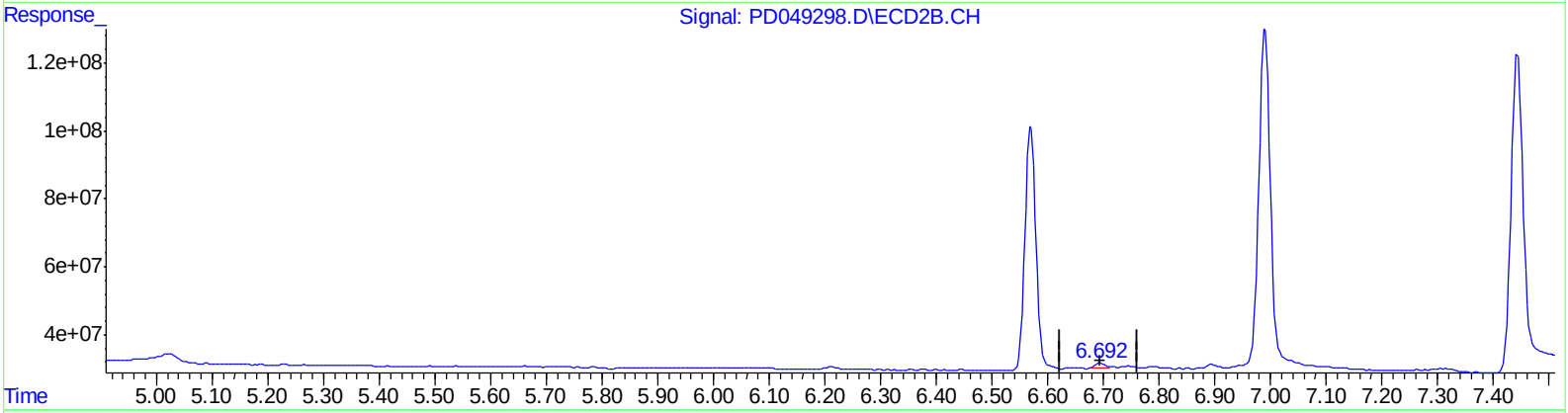
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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

(16) 4,4'-DDD (A)
5.930min 0.196 ng/ml m
response 305184

(16) 4,4'-DDD #2 (A)
6.692min 1.122 ng/ml m
response 15561615

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091918\
Data File : PD049298.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 19 Sep 2018  22:09
Operator : AJ\SJ
Sample : PEM07
Misc :
ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM07

**Manual Integrations APPROVED**
Sohil
9/24/2018 11:52:19 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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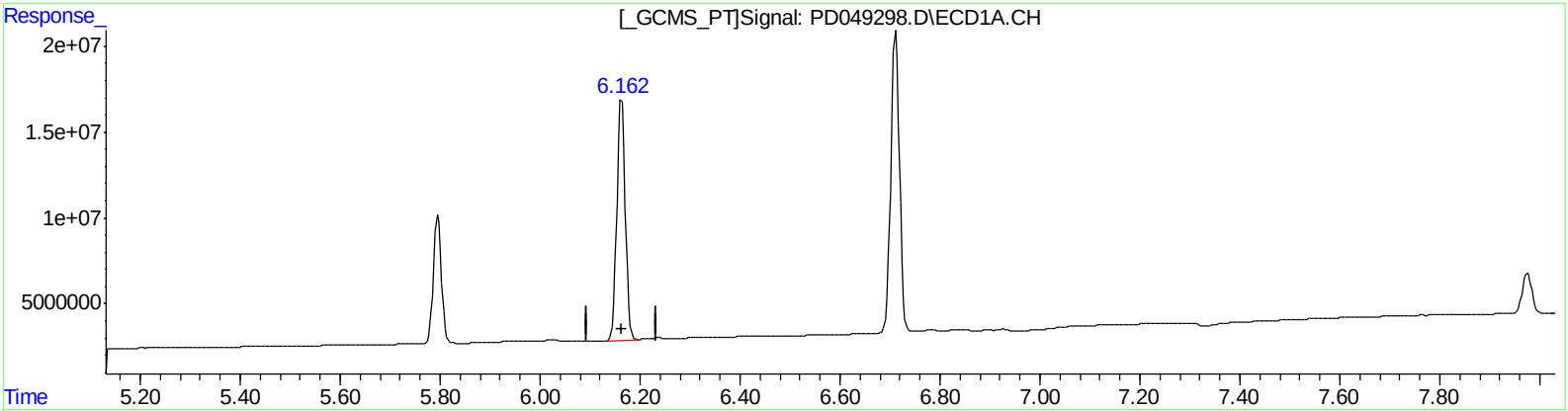
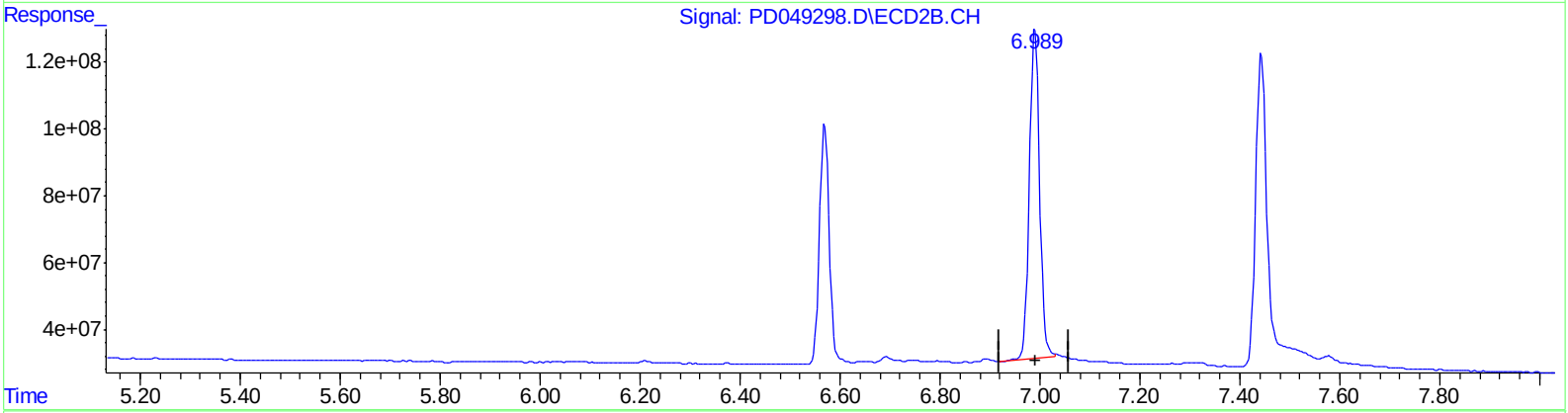
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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

(17) 4,4'-DDT (MA)
6.163min 101.087 ng/ml
response 163738347

(17) 4,4'-DDT #2 (MA)
6.990min 96.335 ng/ml
response 1390187556

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091918\
Data File : PD049298.D
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Operator : AJ\SJ
Sample : PEM07
Misc :
ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM07

**Manual Integrations APPROVED**
Sohil
9/24/2018 11:52:19 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : GC Extractables
QLast Update : Thu Sep 20 04:32:05 2018
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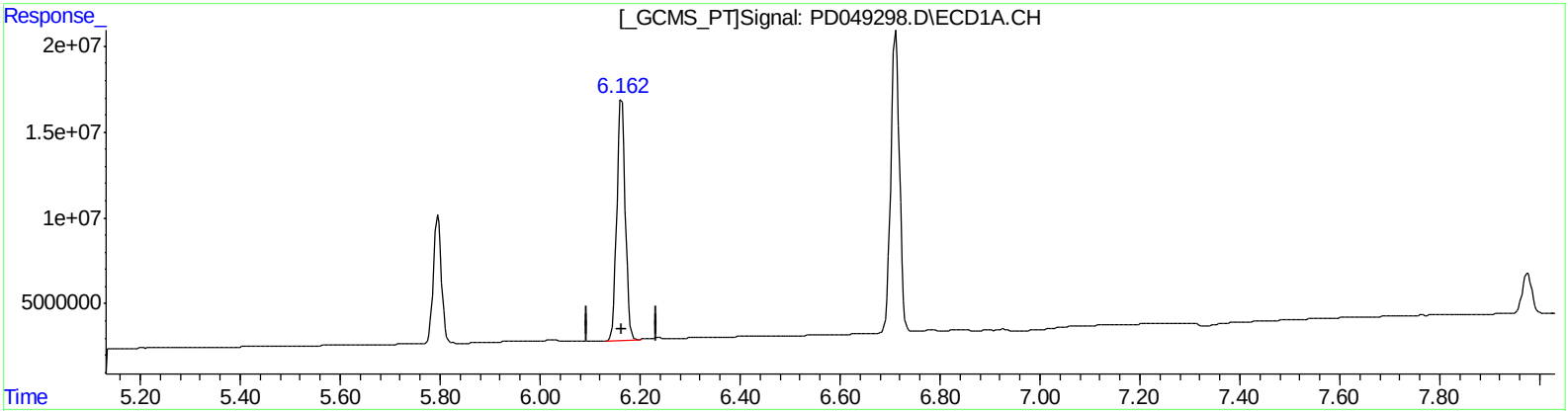
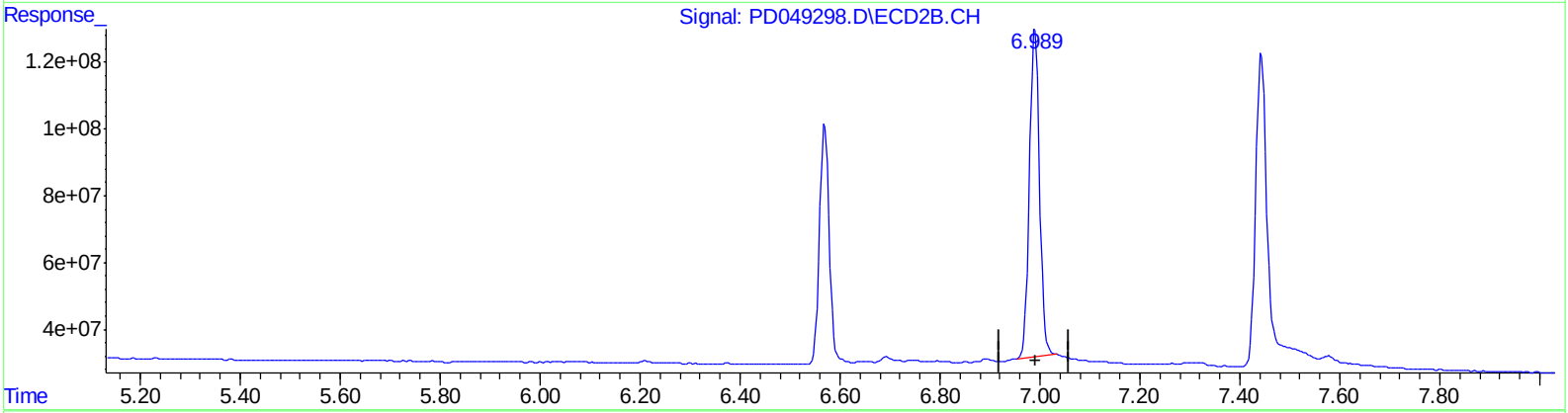
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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)
6.163min 101.087 ng/ml
response 163738347

(17) 4,4'-DDT #2 (MA)
6.989min 94.465 ng/ml m
response 1363193924

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091918\
Data File : PD049298.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 19 Sep 2018  22:09
Operator : AJ\SJ
Sample : PEM07
Misc :
ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM07

**Manual Integrations APPROVED**
Sohil
9/24/2018 11:52:19 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 20 04:53:33 2018
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Quant Title : GC Extractables
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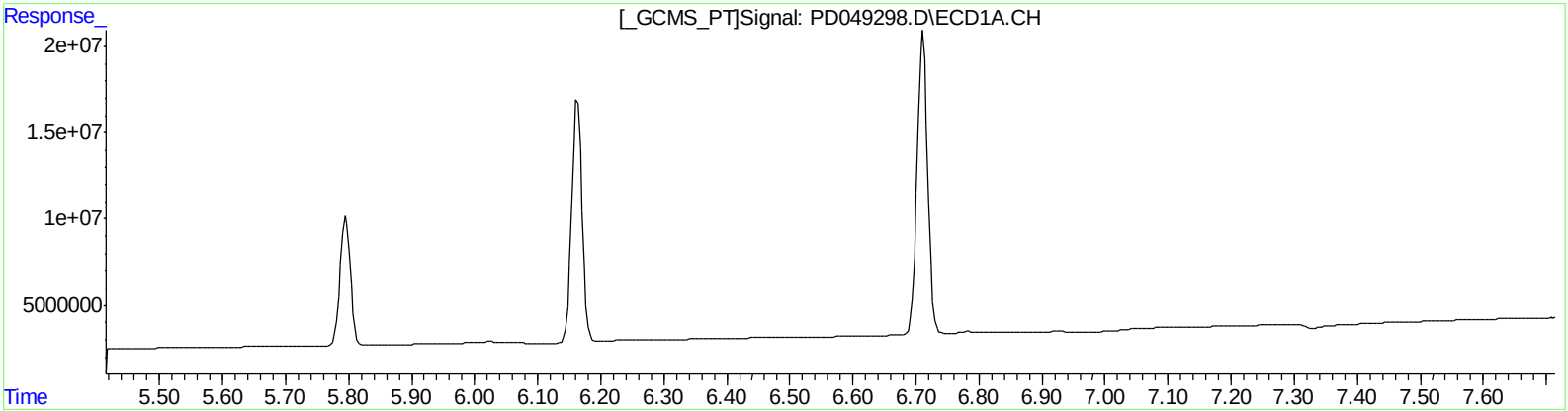
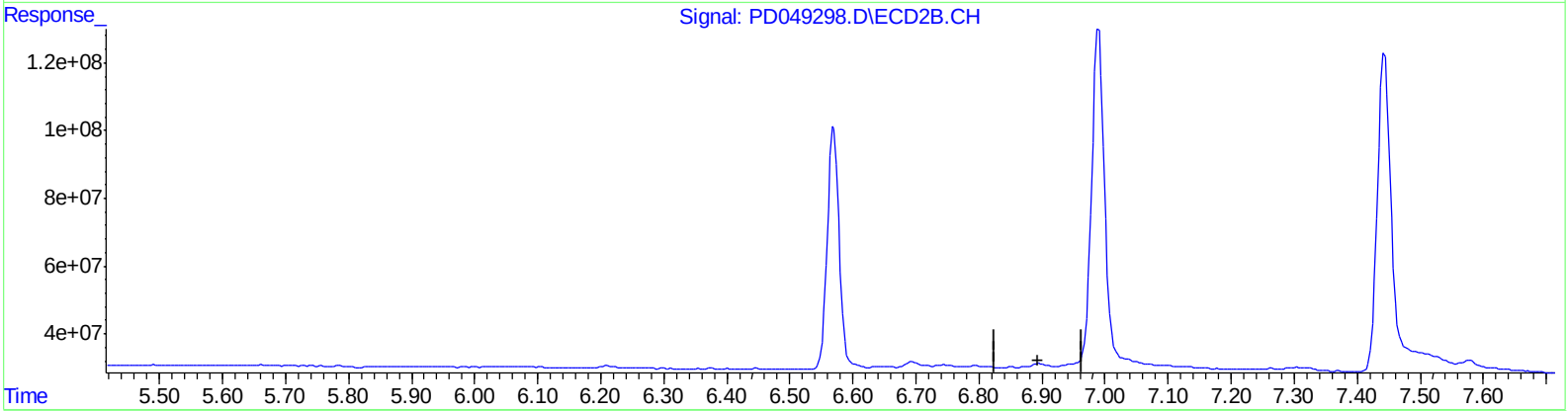
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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

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

(18) Endrin aldehyde #2 (B)
0.000min 0.000 ng/ml
response 0

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091918\
Data File : PD049298.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 19 Sep 2018  22:09
Operator : AJ\SJ
Sample : PEM07
Misc :
ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM07

**Manual Integrations APPROVED**
Sohil
9/24/2018 11:52:19 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : GC Extractables
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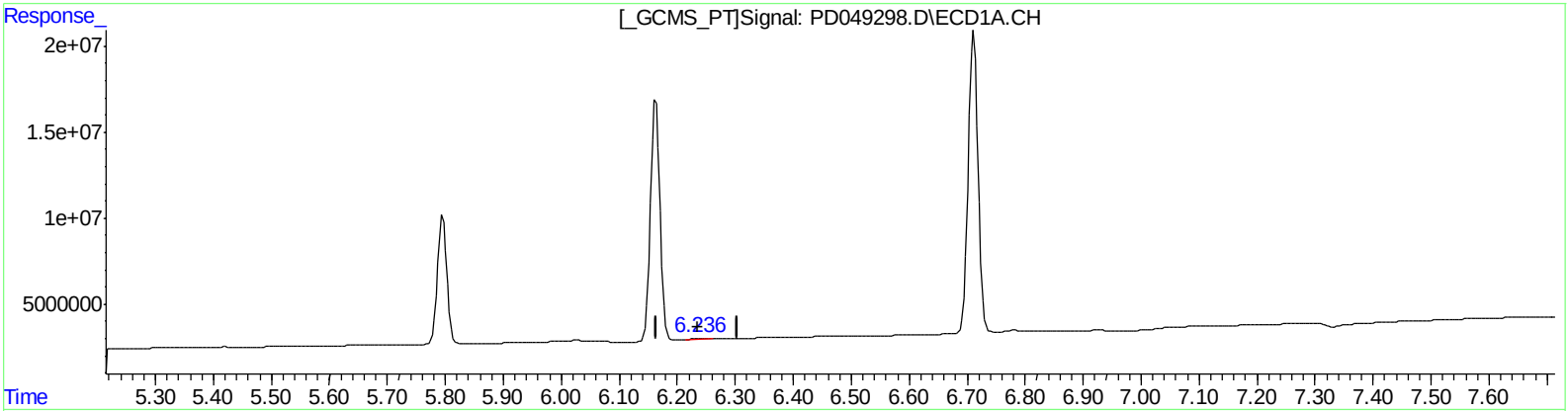
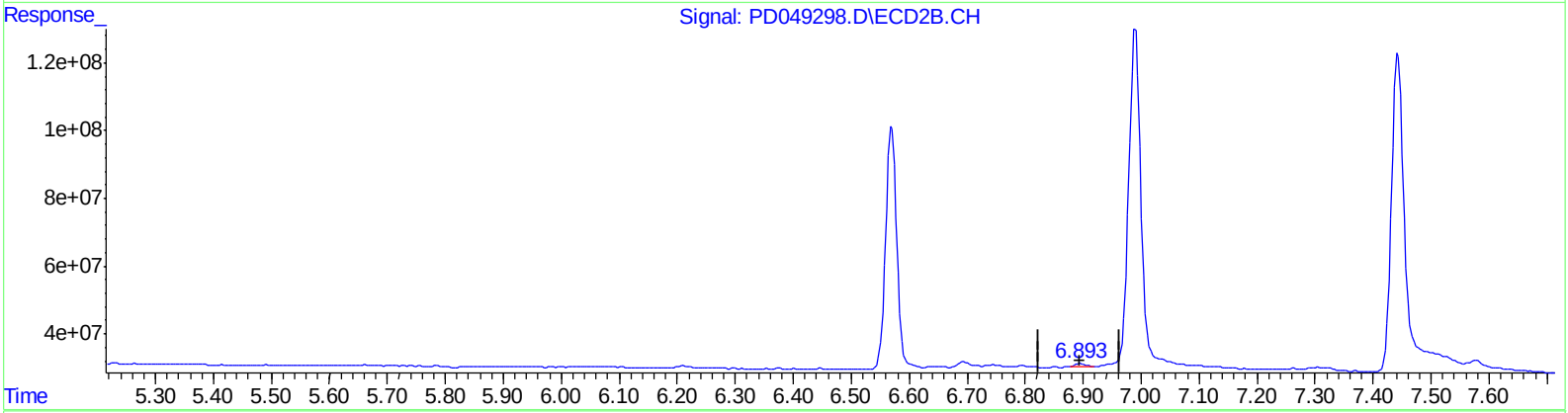
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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)
6.236min 0.530 ng/ml m
response 720680

(18) Endrin aldehyde #2 (B)
6.893min 0.790 ng/ml m
response 11512550

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091918\
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Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
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Misc :
ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM07

**Manual Integrations APPROVED**
Sohil
9/24/2018 11:52:19 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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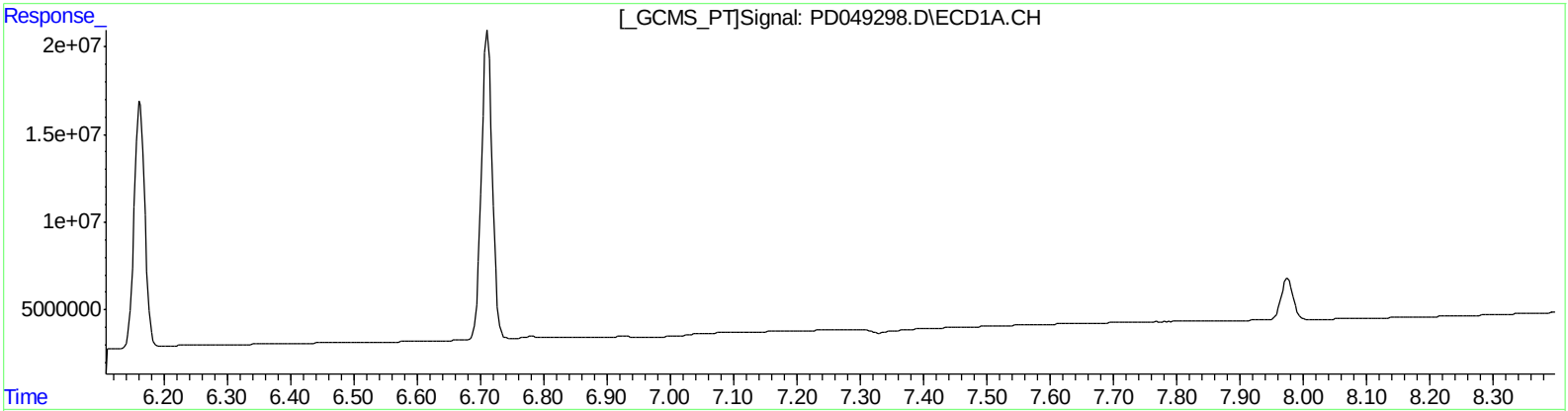
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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)
0.000min 0.000 ng/ml
response 0

(21) Endrin ketone #2 (B)
0.000min 0.000 ng/ml
response 0

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091918\
Data File : PD049298.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 19 Sep 2018  22:09
Operator : AJ\SJ
Sample : PEM07
Misc :
ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM07

**Manual Integrations APPROVED**
Sohil
9/24/2018 11:52:19 AM

Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
QLast Update : Thu Sep 20 04:32:05 2018
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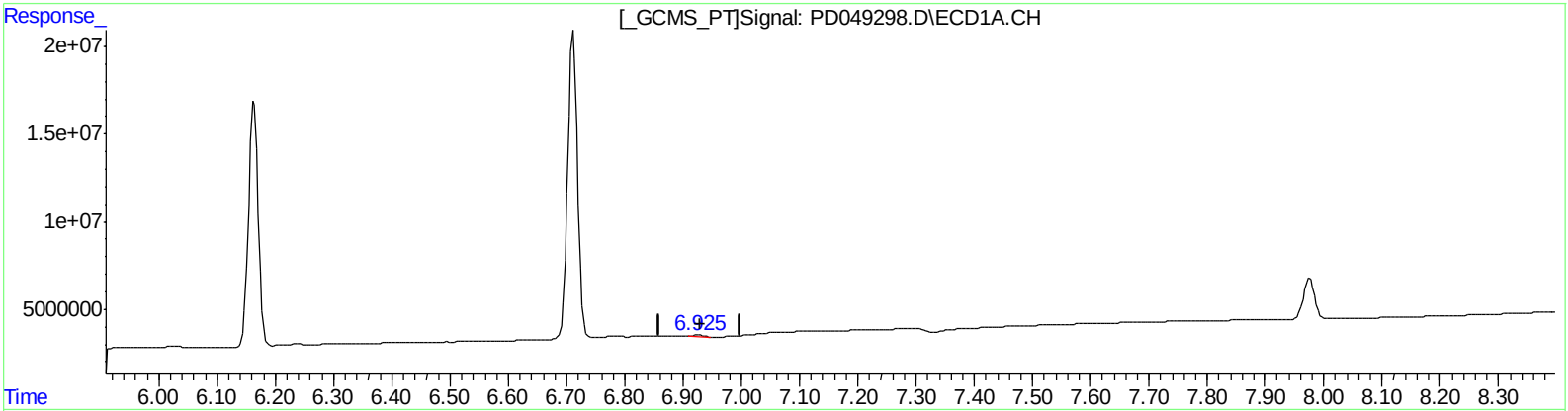
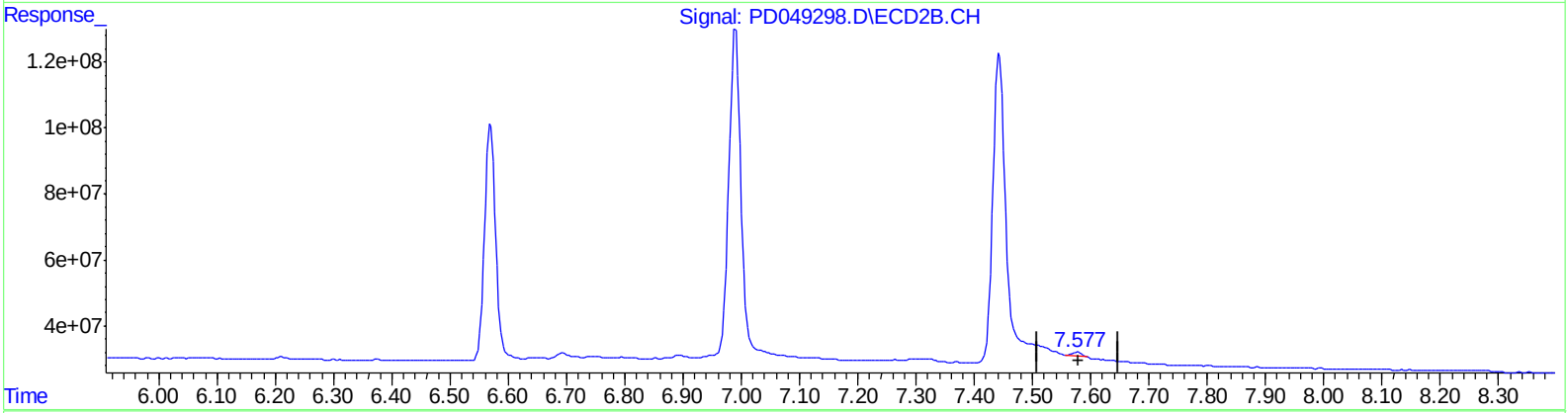
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2  Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm




QEdit

(21) Endrin ketone (B)
6.925min 0.612 ng/ml m
response 1097487

(21) Endrin ketone #2 (B)
7.577min 0.887 ng/ml m
response 13910540

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD091918\
Data File : PD049298.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Sep 2018 22:09
Operator : AJ\SJ
Sample : PEM07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 20 04:57:13 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091918CLP.M
Quant Title : GC Extractables
QLast Update : Thu Sep 20 04:32:05 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
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... | 3.314 | 3.908 | 24843194 | 382.0E6 | 19.394 | 19.572 |
| 27) | SA Decachlor... | 7.976 | 8.894 | 31162069 | 299.8E6 | 19.796 | 20.557 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 3.740 | 4.285 | 19230252 | 303.5E6 | 9.452 | 9.918 |
| 3) | MA gamma-BHC... | 4.015 | 4.564 | 18848393 | 288.1E6 | 9.711 | 10.084 |
| 6) | B beta-BHC | 4.262 | 4.725 | 7740378 | 114.4E6 | 9.857 | 10.121 |
| 12) | B 4,4'-DDE | 5.417 | 6.209 | 310711 | 9506992 | 0.171m | 0.498m# |
| 14) | MA Endrin | 5.796 | 6.570 | 85943291 | 945.1E6 | 50.553 | 49.513 |
| 16) | A 4,4'-DDD | 5.930 | 6.692 | 305184 | 15561615 | 0.196m | 1.122m# |
| 17) | MA 4,4'-DDT | 6.163 | 6.989 | 163.7E6 | 1363.2E6 | 101.087 | 94.465m |
| 18) | B Endrin al... | 6.236 | 6.893 | 720680 | 11512550 | 0.530m | 0.790m# |
| 20) | A Methoxychlor | 6.711 | 7.443 | 210.1E6 | 1370.8E6 | 244.289 | 238.668 |
| 21) | B Endrin ke... | 6.925 | 7.577 | 1097487 | 13910540 | 0.612m | 0.887m# |

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

SJ 9/28/18

Instrument :
ECD_D
LabSampleId :
PEM07

Manual Integrations APPROVED
Sohil
9/24/2018 11:52:19 AM