Quantitation Report (Qedit)

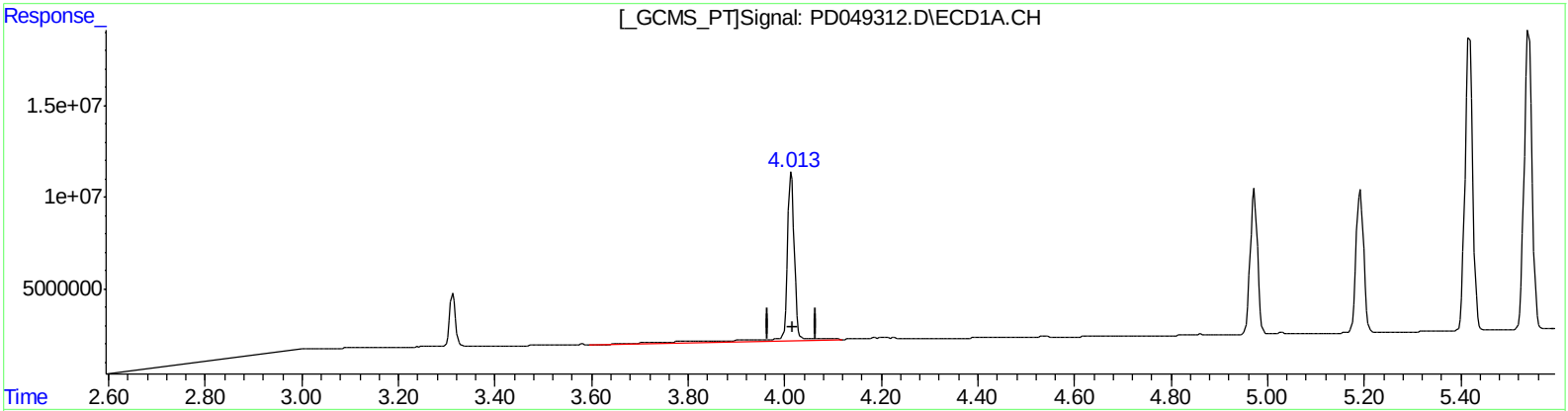
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
Data File : PD049312.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 21 Sep 2018  9:44
Operator : AJ\SJ
Sample : PB113079BS
Misc :
ALS Vial : 8  Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
PLCS79

**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 04:32:11 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

(3) gamma-BHC (Lindane) (MA)
4.014min 52.944 ng/ml
response 102756329

(3) gamma-BHC (Lindane) #2 (MA)
4.563min 36.507 ng/ml
response 1043002914

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
Data File : PD049312.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On    : 21 Sep 2018   9:44
Operator  : AJ\SJ
Sample    : PB113079BS
Misc      :
ALS Vial  : 8   Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
PLCS79

**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

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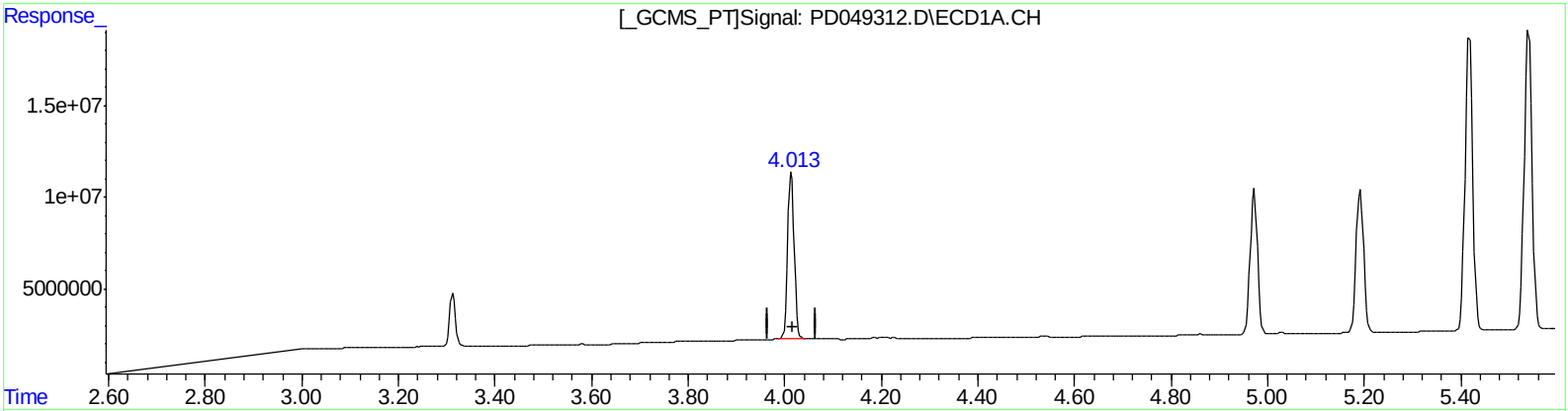
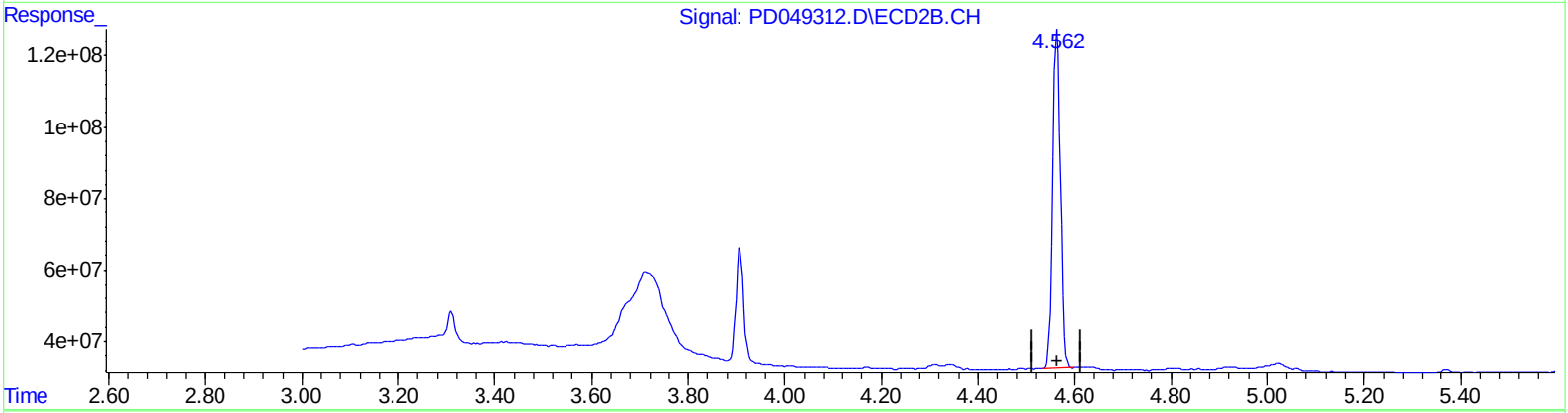
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

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

(3) gamma-BHC (Lindane) (MA)
4.013min 42.761 ng/ml m
response 82992777

(3) gamma-BHC (Lindane) #2 (MA)
4.563min 36.507 ng/ml
response 1043002914

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
Data File : PD049312.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On    : 21 Sep 2018   9:44
Operator  : AJ\SJ
Sample    : PB113079BS
Misc      :
ALS Vial  : 8   Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
PLCS79

**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 04:32:11 2018
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Quant Title  : GC Extractables
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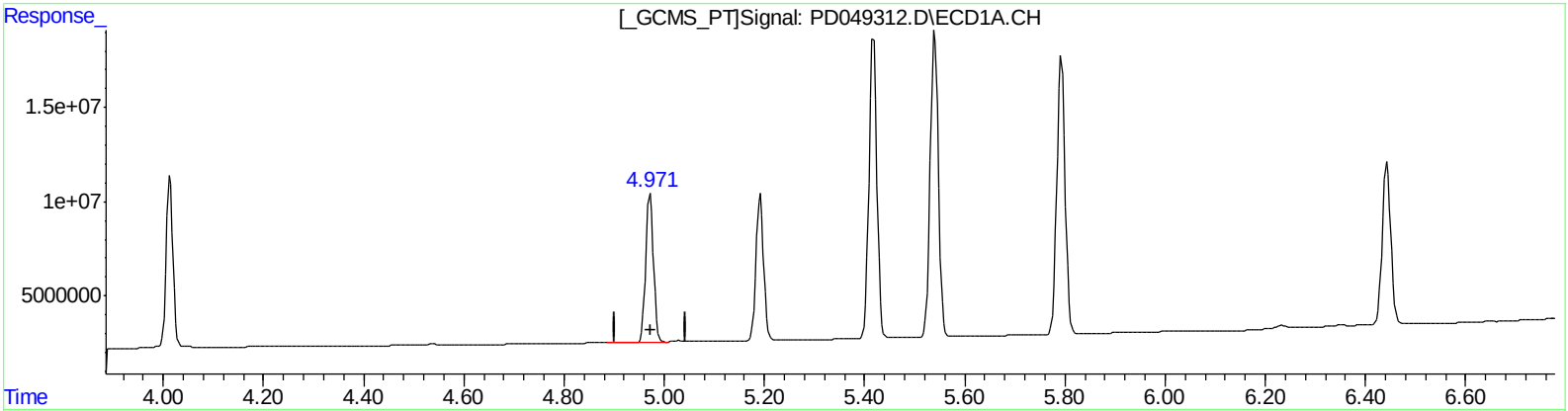
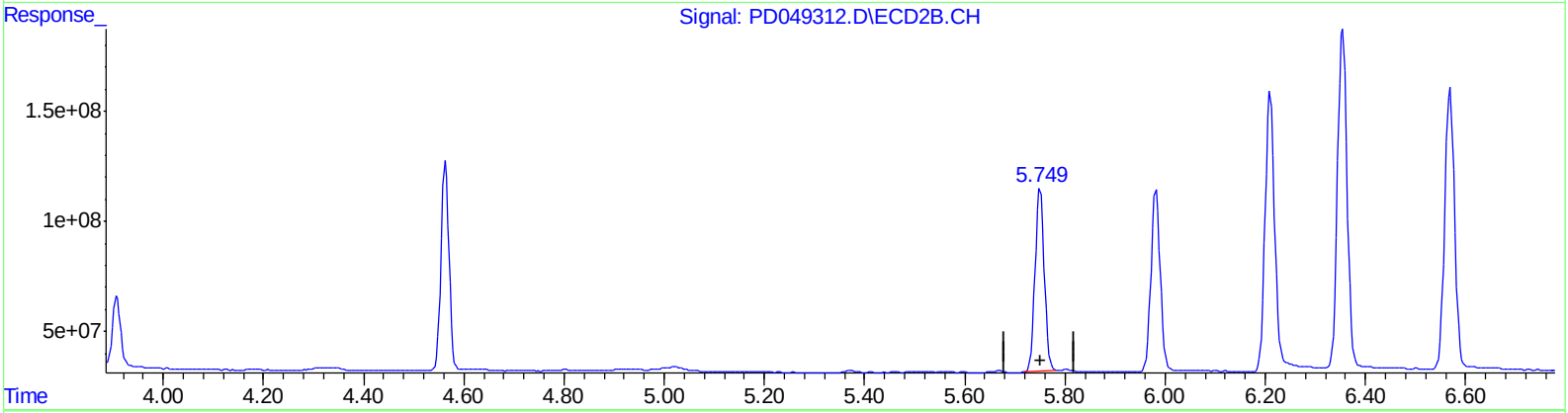
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

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

(8) Heptachlor epoxide (B)

4.972min 49.749 ng/ml

response 84924309

(8) Heptachlor epoxide #2 (B)

5.751min 43.668 ng/ml

response 1048644953

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
Data File : PD049312.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 21 Sep 2018  9:44
Operator : AJ\SJ
Sample : PB113079BS
Misc :
ALS Vial : 8  Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
PLCS79

**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 04:32:11 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091918CLP.M
Quant Title : GC Extractables
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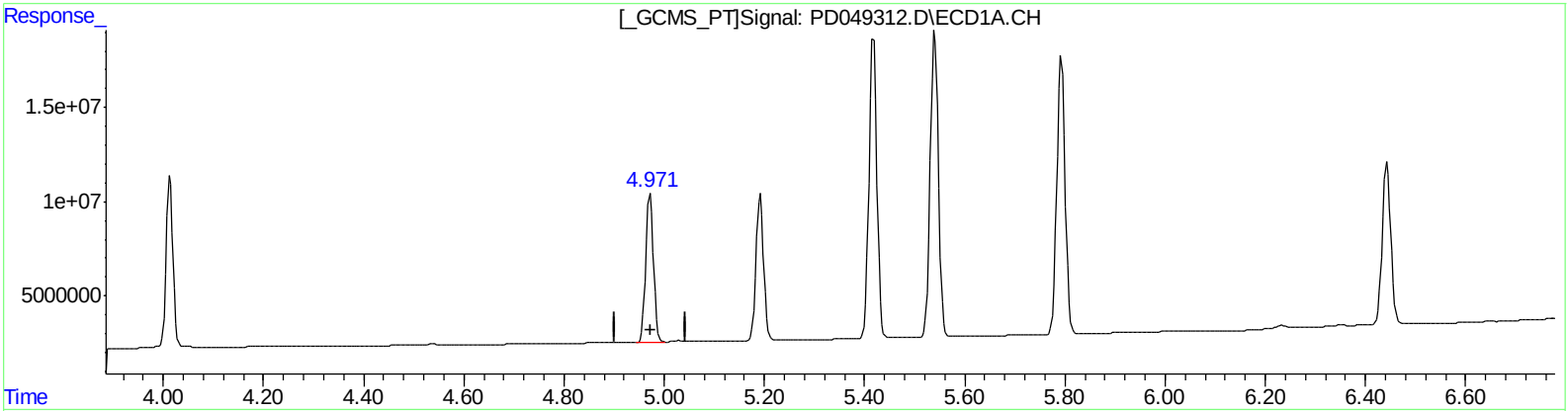
Response via : Initial Calibration
Integrator: ChemStation  6890 Scale Mode: Large solvent peaks clipped

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

(8) Heptachlor epoxide (B)
4.971min 49.297 ng/ml m
response 84151703

(8) Heptachlor epoxide #2 (B)
5.751min 43.668 ng/ml
response 1048644953

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
Data File : PD049312.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 21 Sep 2018 9:44
Operator : AJ\SJ
Sample : PB113079BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
PLCS79

**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

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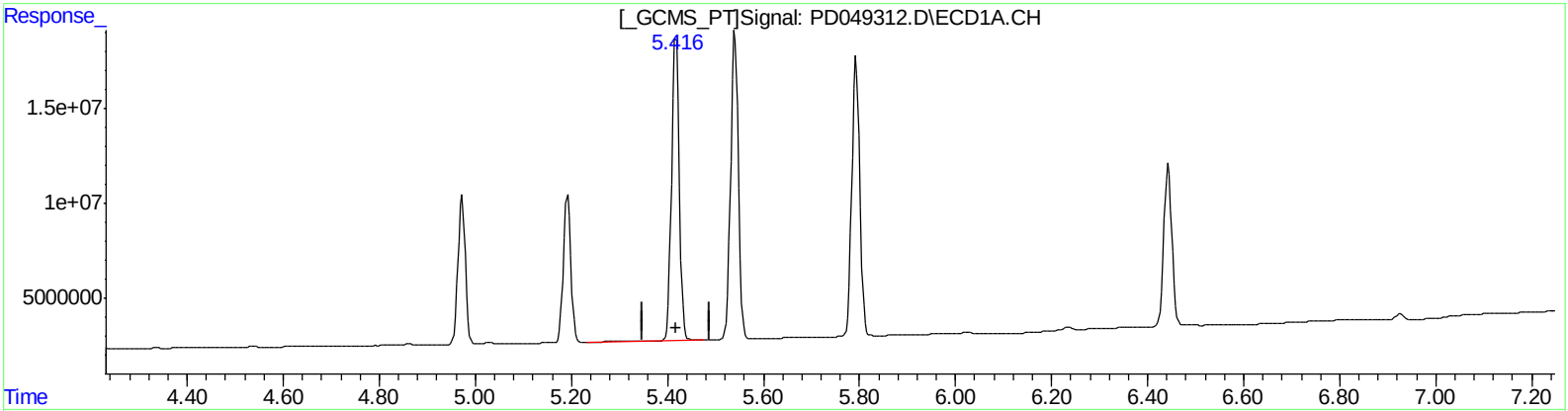
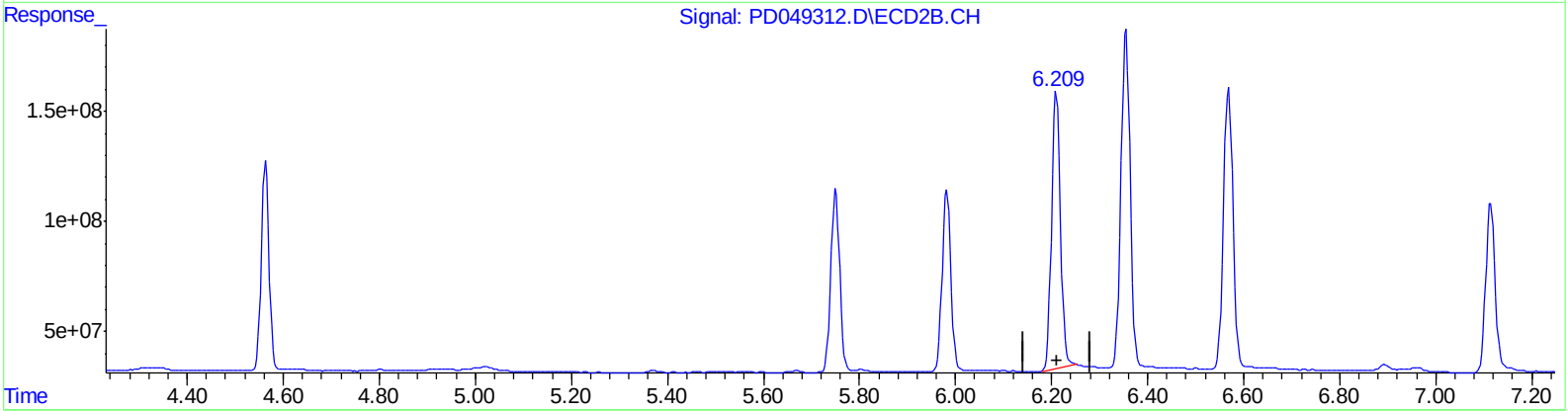
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)
5.418min 96.560 ng/ml
response 175807121

(12) 4,4'-DDE #2 (B)
6.210min 85.433 ng/ml
response 1631775073

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
Data File : PD049312.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
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Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
ECD_D
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**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

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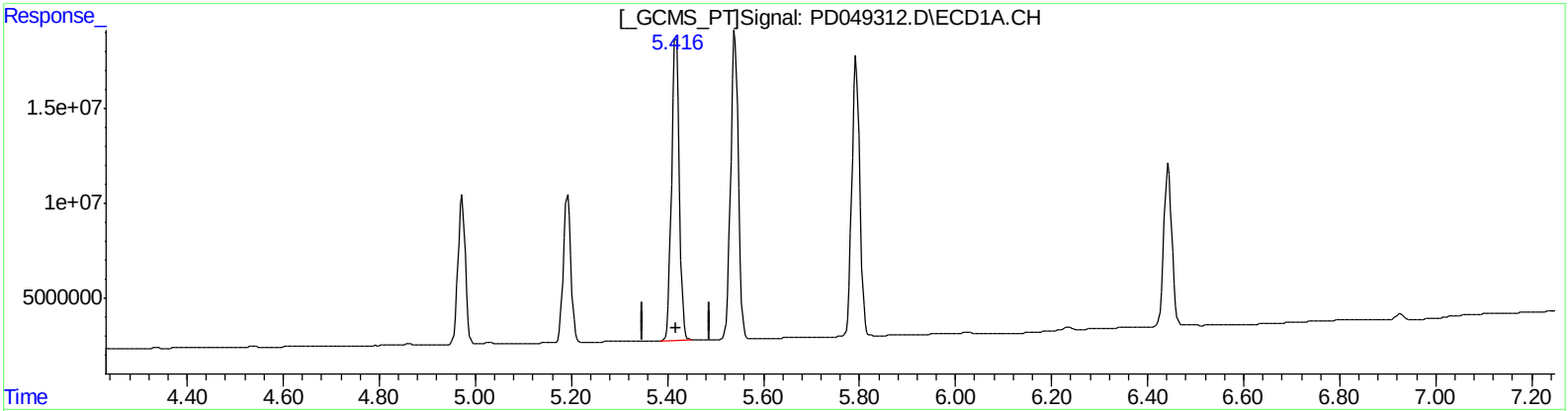
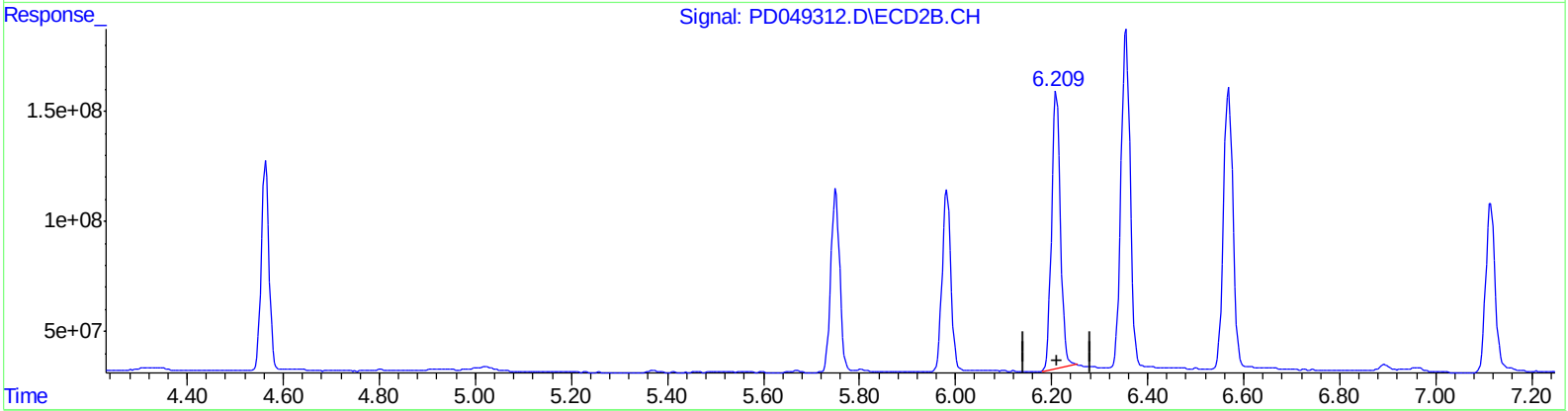
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

(12) 4,4'-DDE (B)
5.416min 96.108 ng/ml m
response 174985650

(12) 4,4'-DDE #2 (B)
6.210min 85.433 ng/ml
response 1631775073

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
Data File : PD049312.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
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Operator  : AJ\SJ
Sample    : PB113079BS
Misc      :
ALS Vial  : 8   Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
PLCS79

**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

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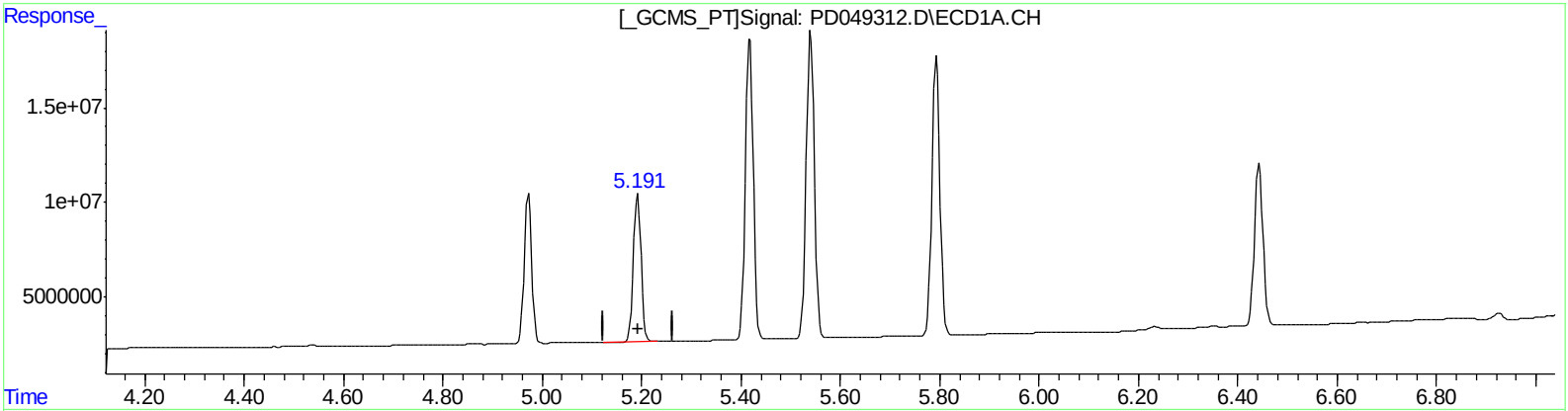
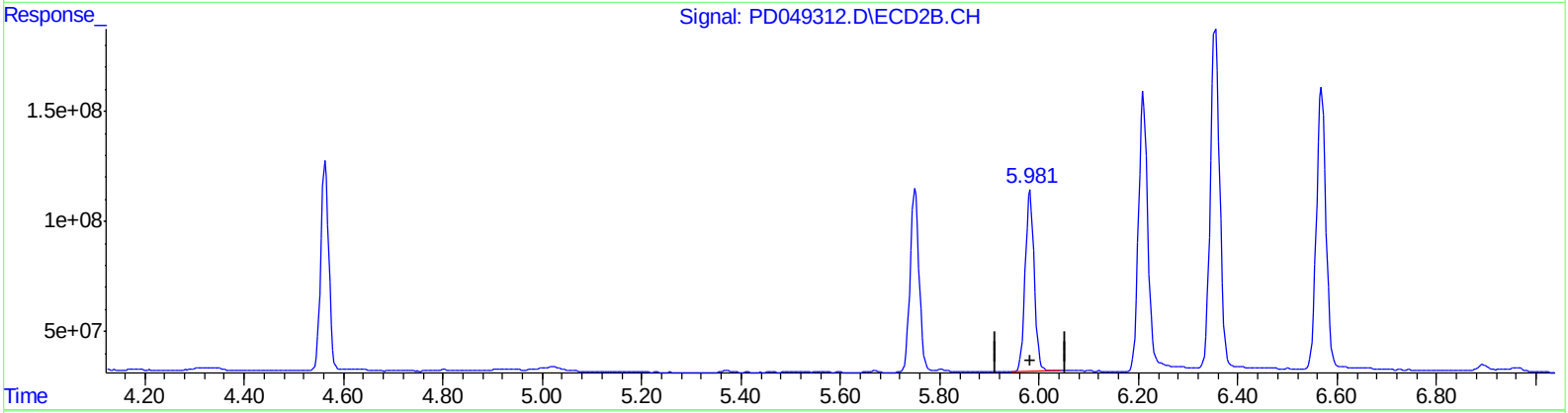
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

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

(10) trans-Chlordane (B)
5.192min 48.882 ng/ml
response 84757110

(10) trans-Chlordane #2 (B)
5.982min 42.782 ng/ml
response 1051428597

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
Data File : PD049312.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
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Operator : AJ\SJ
Sample : PB113079BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ECD_D
**ClientSampleId :**
PLCS79

**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091918CLP.M
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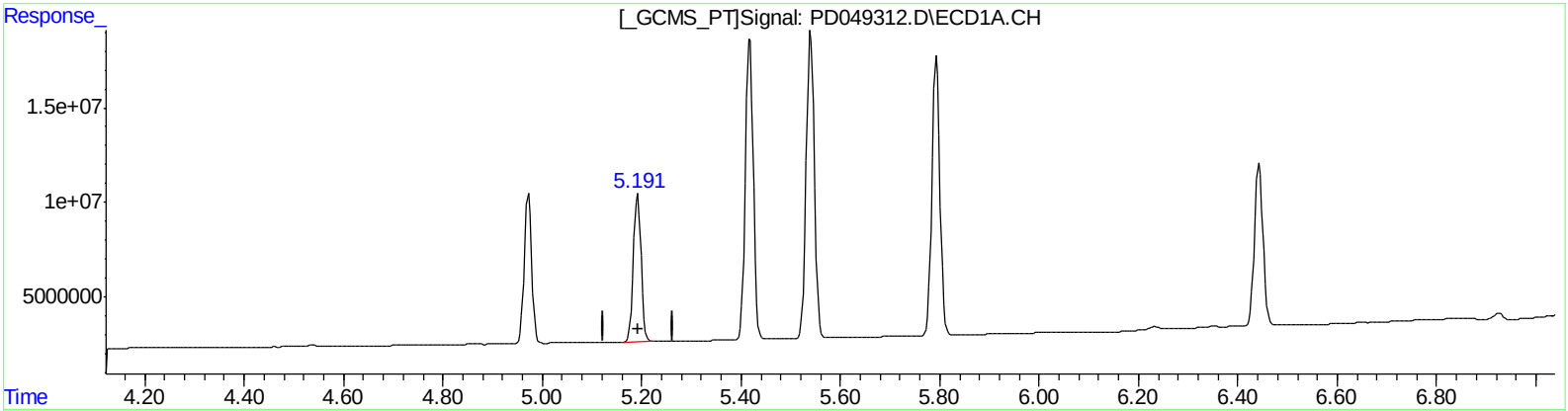
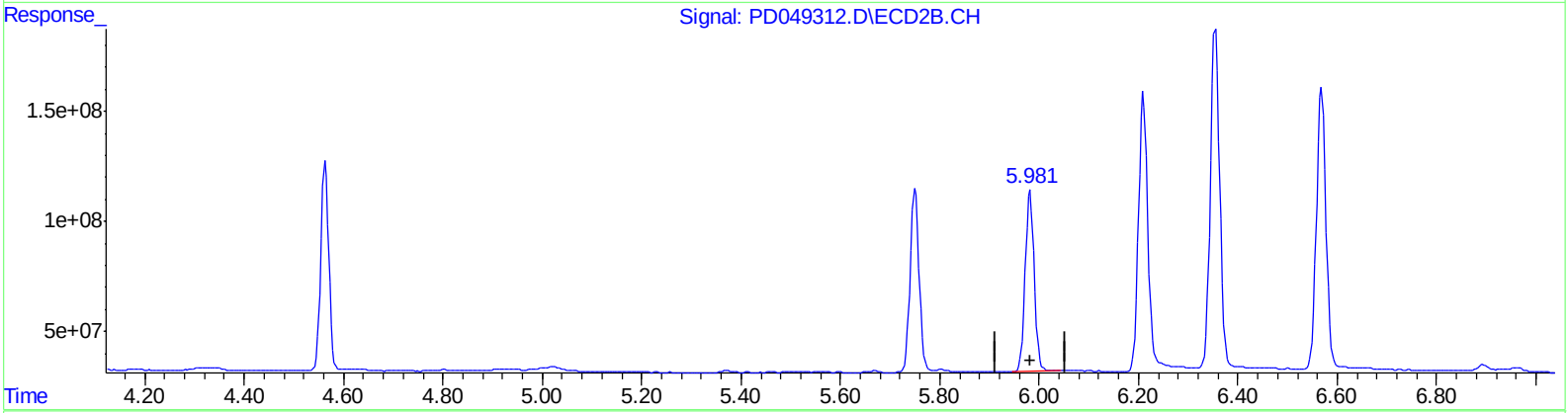
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

(10) trans-Chlordane (B)
5.191min 48.304 ng/ml m
response 83754473

(10) trans-Chlordane #2 (B)
5.982min 42.782 ng/ml
response 1051428597

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
Data File : PD049312.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
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Sample    : PB113079BS
Misc      :
ALS Vial  : 8   Sample Multiplier: 1

**Instrument :**
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**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

Integration File signal 1: autoint1.e
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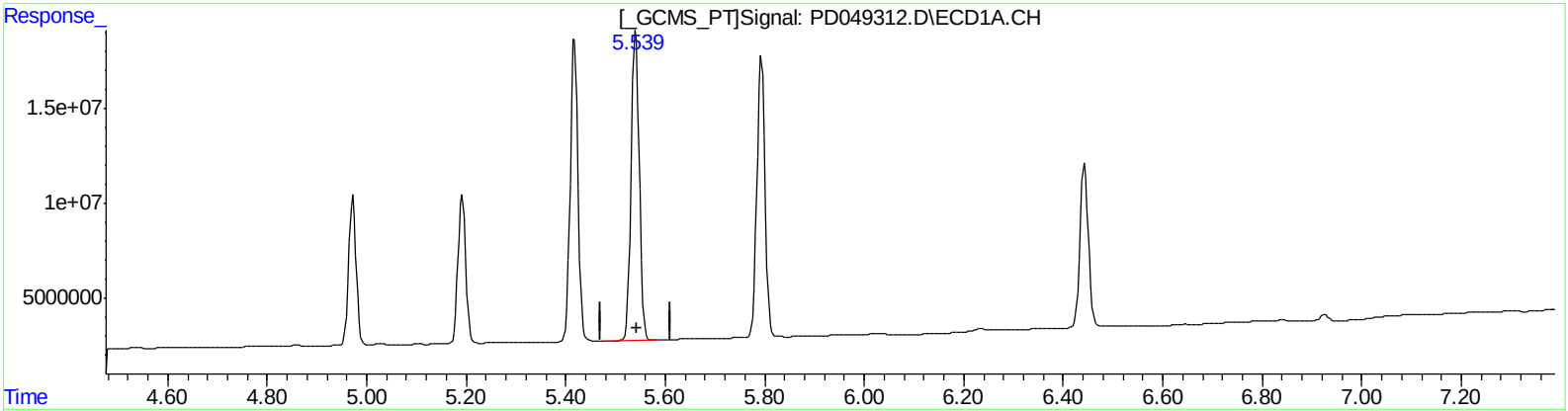
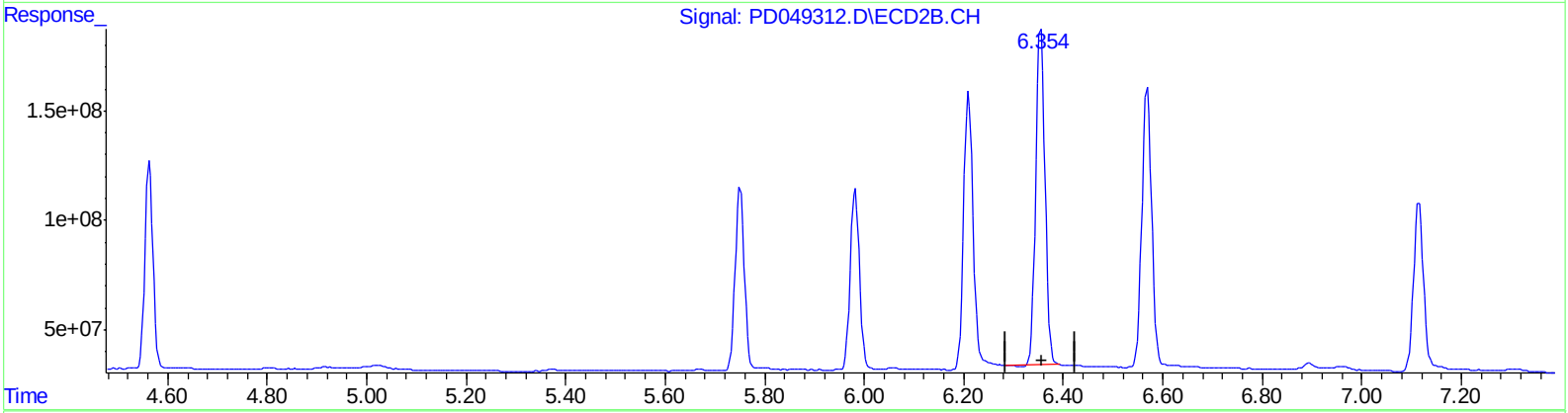
Volume Inj.     : 1 µl
Signal #1 Phase : ZB-MR2            Signal #2 Phase: ZB-MR1
Signal #1 Info  : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm




QEdit

(13) Dieldrin (MA)
5.541min 95.519 ng/ml
response 182520322

(13) Dieldrin #2 (MA)
6.355min 85.041 ng/ml
response 2007438006

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
Data File : PD049312.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On    : 21 Sep 2018   9:44
Operator  : AJ\SJ
Sample    : PB113079BS
Misc      :
ALS Vial  : 8   Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
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**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

Integration File signal 1: autoint1.e
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Volume Inj.     : 1 µl
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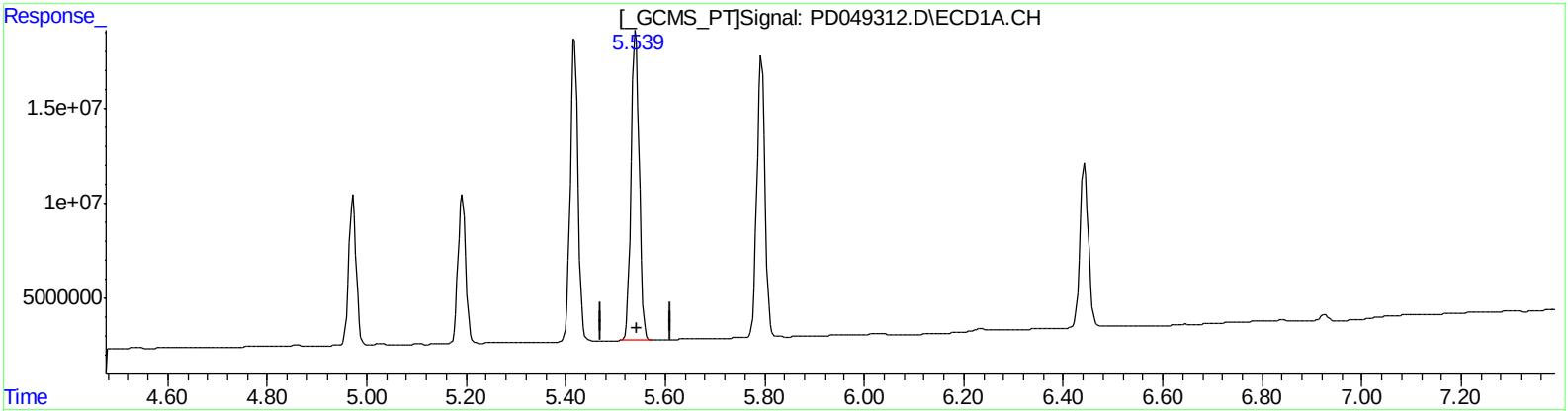
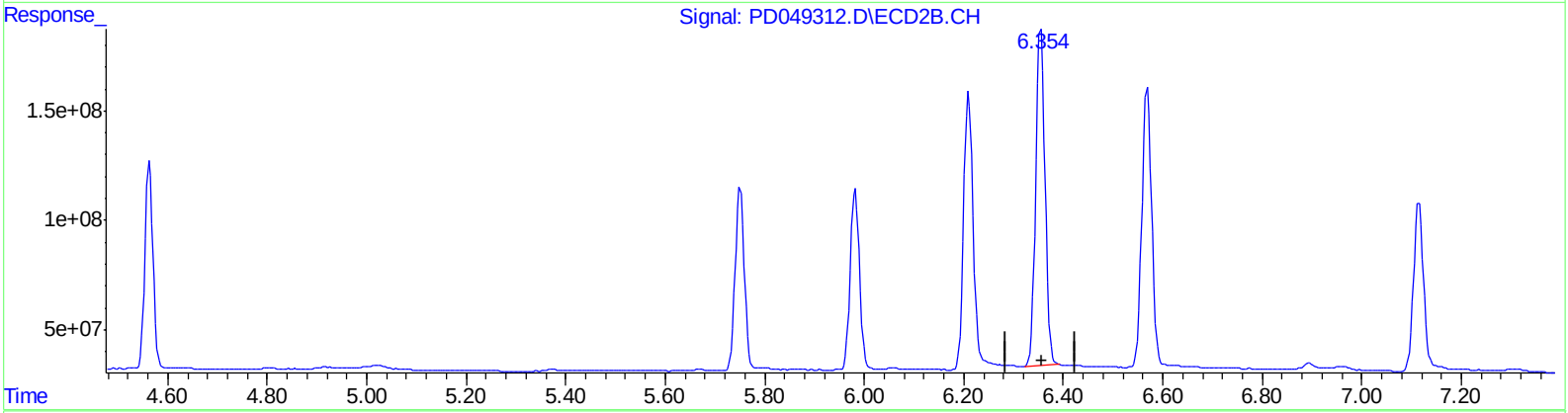
Signal #1 Info  : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm




QEdit

(13) Dieldrin (MA)
5.539min 95.266 ng/ml m
response 182036125

(13) Dieldrin #2 (MA)
6.354min 86.011 ng/ml m
response 2030352111

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
Data File : PD049312.D
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Sample : PB113079BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
PLCS79

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Sohil
9/25/2018 1:15:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Volume Inj. : 1 µl
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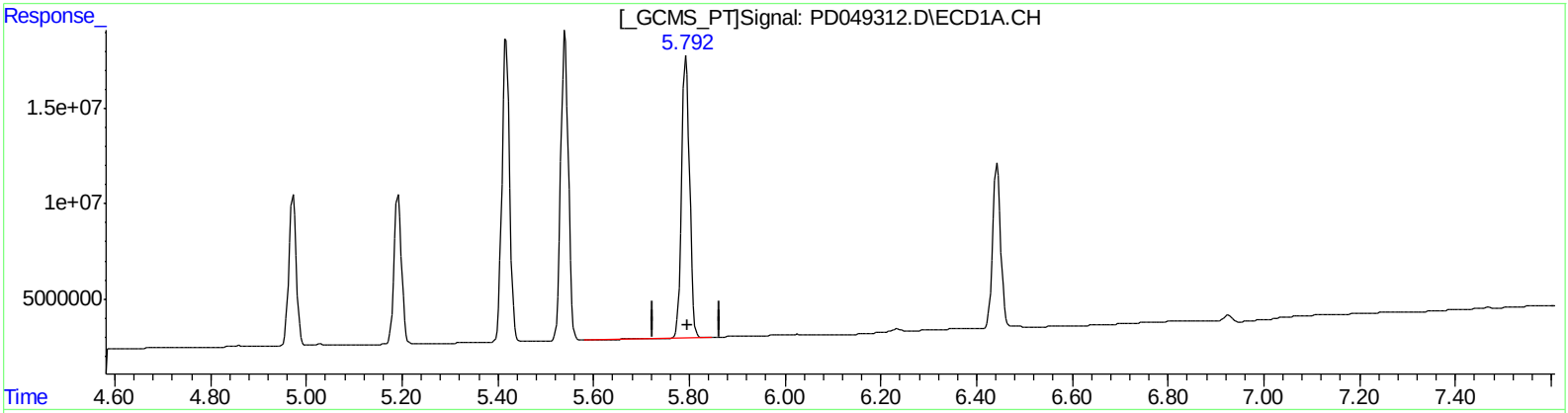
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm




QEdit

(14) Endrin (MA)
5.793min 100.271 ng/ml
response 170468145

(14) Endrin #2 (MA)
6.569min 89.805 ng/ml
response 1714253990

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
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**Instrument :**
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**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

Integration File signal 1: autoint1.e
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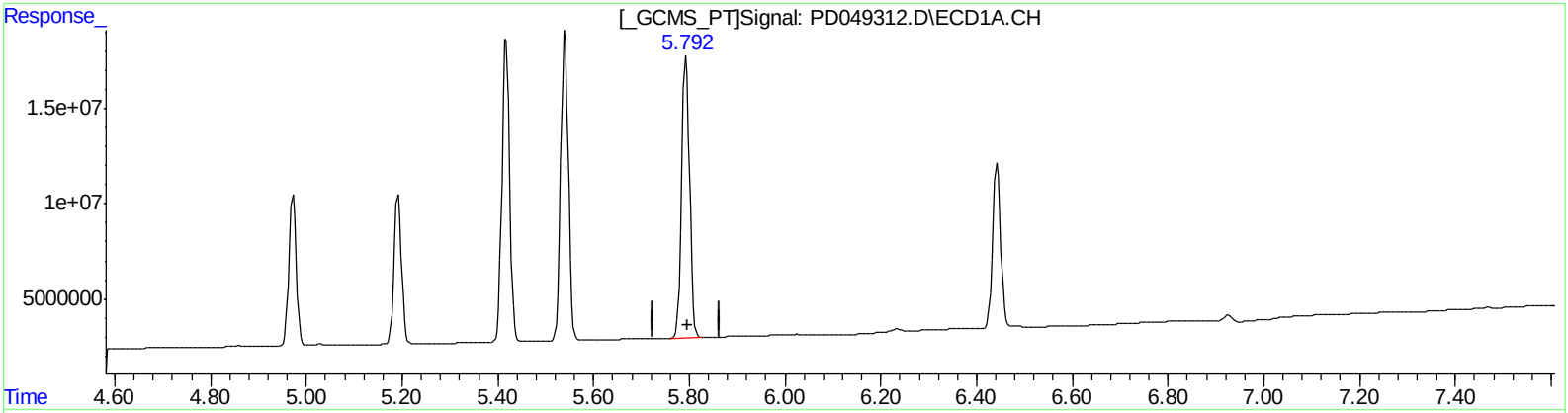



QEdit

(14) Endrin (MA)
5.792min 98.832 ng/ml m
response 168022041

(14) Endrin #2 (MA)
6.569min 89.805 ng/ml
response 1714253990

(+) = Expected Retention Time

Quantitation Report (Qedit)

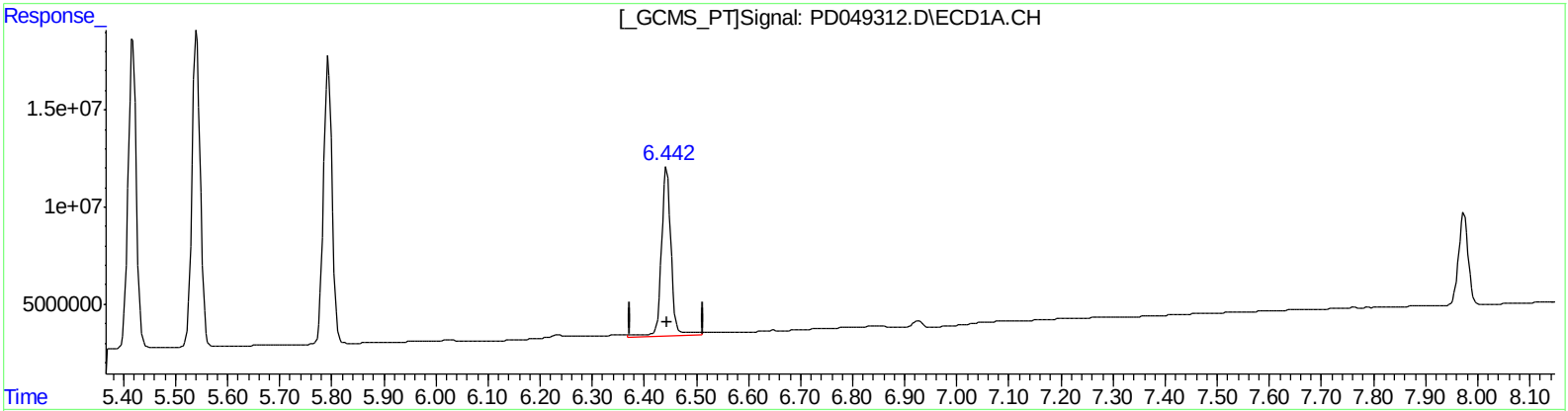
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
Data File : PD049312.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On    : 21 Sep 2018   9:44
Operator  : AJ\SJ
Sample    : PB113079BS
Misc      :
ALS Vial  : 8   Sample Multiplier: 1

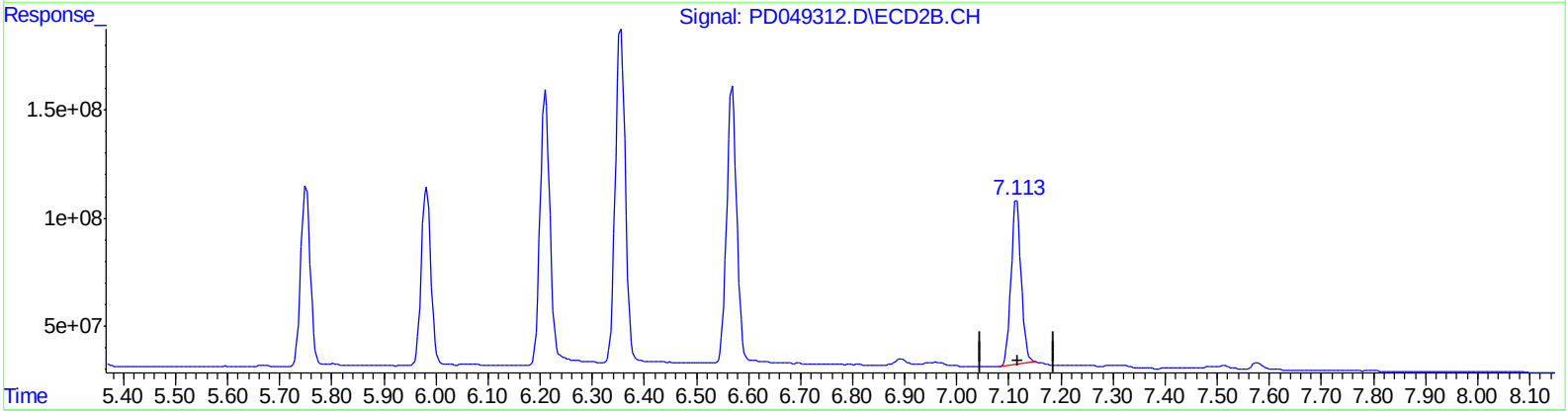
**Instrument :**
ECD_D
**ClientSampleId :**
PLCS79

**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 04:32:11 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

(19) Endosulfan Sulfate (B)
6.443min 71.579 ng/ml
response 110208299

(19) Endosulfan Sulfate #2 (B)
7.115min 61.332 ng/ml
response 1032126089

(+) = Expected Retention Time

Quantitation Report (Qedit)

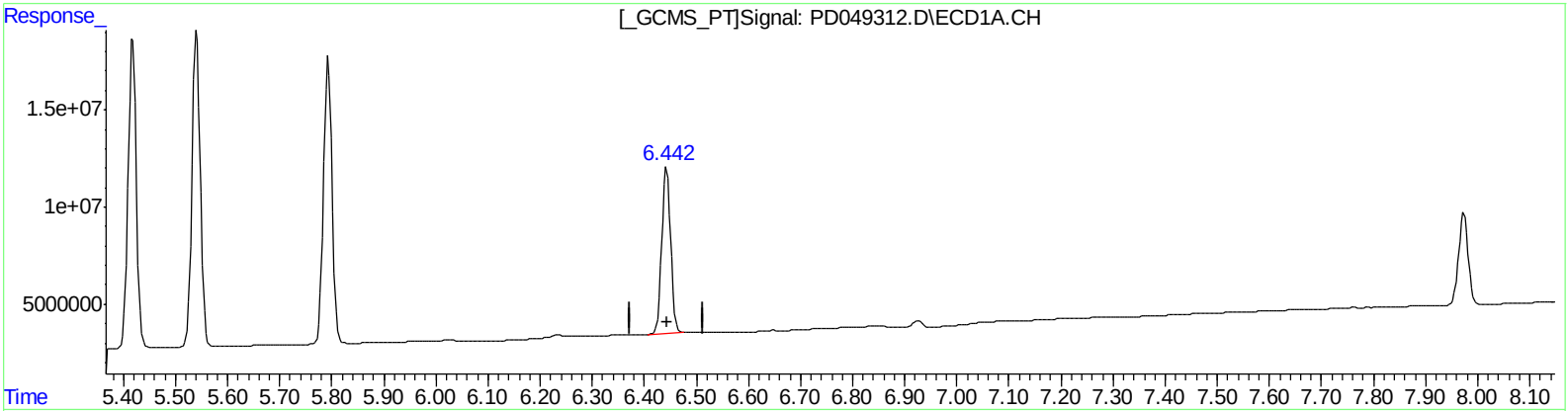
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD092118\
Data File : PD049312.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On : 21 Sep 2018  9:44
Operator : AJ\SJ
Sample : PB113079BS
Misc :
ALS Vial : 8  Sample Multiplier: 1

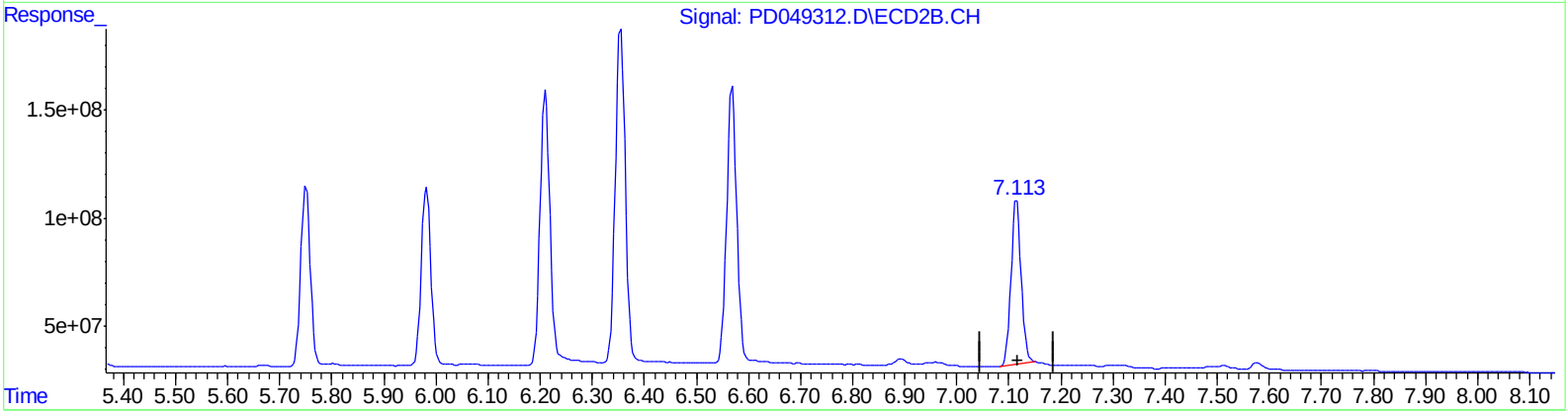
**Instrument :**
ECD_D
**ClientSampleId :**
PLCS79

**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 04:32:11 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

(19) Endosulfan Sulfate (B)
6.442min 65.497 ng/ml m
response 100844068

(19) Endosulfan Sulfate #2 (B)
7.115min 61.332 ng/ml
response 1032126089

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092118\
Data File : PD049312.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Sep 2018 9:44
Operator : AJ\SJ
Sample : PB113079BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 05:21:04 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

**Instrument :** ECD_D
**ClientSampleId :** PLCS79

**Manual Integrations APPROVED**
Sohil
9/25/2018 1:15:18 PM

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.313 | 3.908 | 24746447 | 344.3E6 | 19.318 | 17.640 |
| 27) | SA Decachlor... | 7.974 | 8.893 | 61446441 | 564.6E6 | 39.034 | 38.708 |
| | Target Compounds | | | | | | |
| 3) | MA gamma-BHC... | 4.013 | 4.563 | 82992777 | 1043.0E6 | 42.761m | 36.507 |
| 8) | B Heptachlo... | 4.971 | 5.751 | 84151703 | 1048.6E6 | 49.297m | 43.668 |
| 10) | B trans-Chl... | 5.191 | 5.982 | 83754473 | 1051.4E6 | 48.304m | 42.782 |
| 12) | B 4,4'-DDE | 5.416 | 6.210 | 175.0E6 | 1631.8E6 | 96.108m | 85.433 |
| 13) | MA Dieldrin | 5.539 | 6.354 | 182.0E6 | 2030.4E6 | 95.266m | 86.011m |
| 14) | MA Endrin | 5.792 | 6.569 | 168.0E6 | 1714.3E6 | 98.832m | 89.805 |
| 19) | B Endosulfa... | 6.442 | 7.115 | 100.8E6 | 1032.1E6 | 65.497m | 61.332 |

SJ 9/28/18

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