Quantitation Report (Qedit)

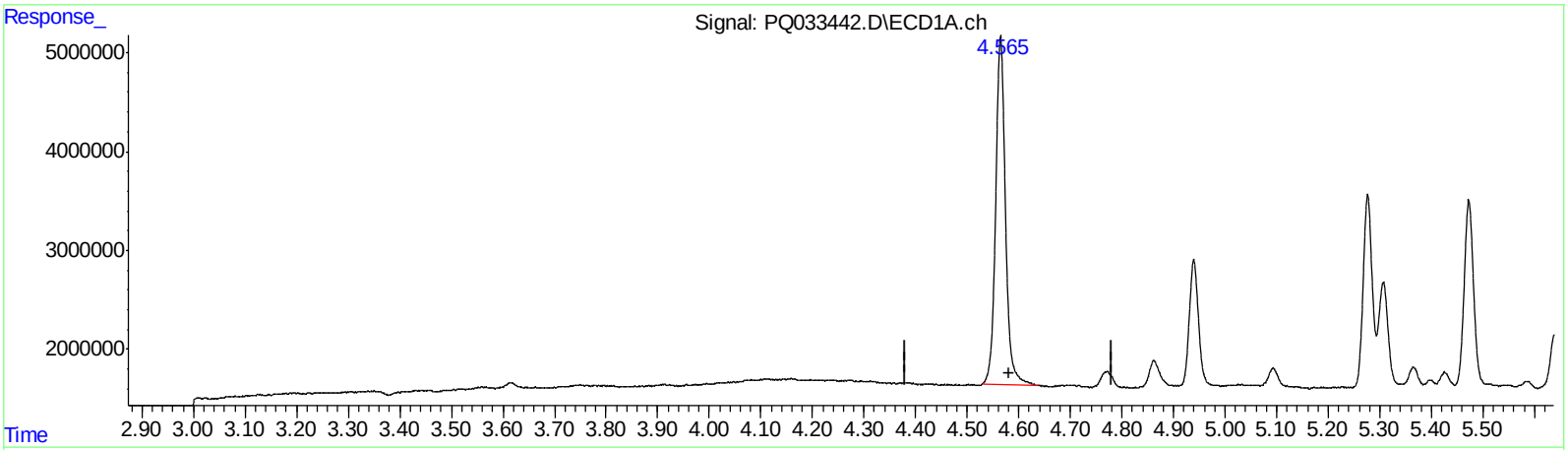
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102218\
Data File : PQ033442.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 22 Oct 2018  18:04
Operator  : SM\SJ
Sample  : J5534-15MSD
Misc  :
ALS Vial  : 28  Sample Multiplier: 1

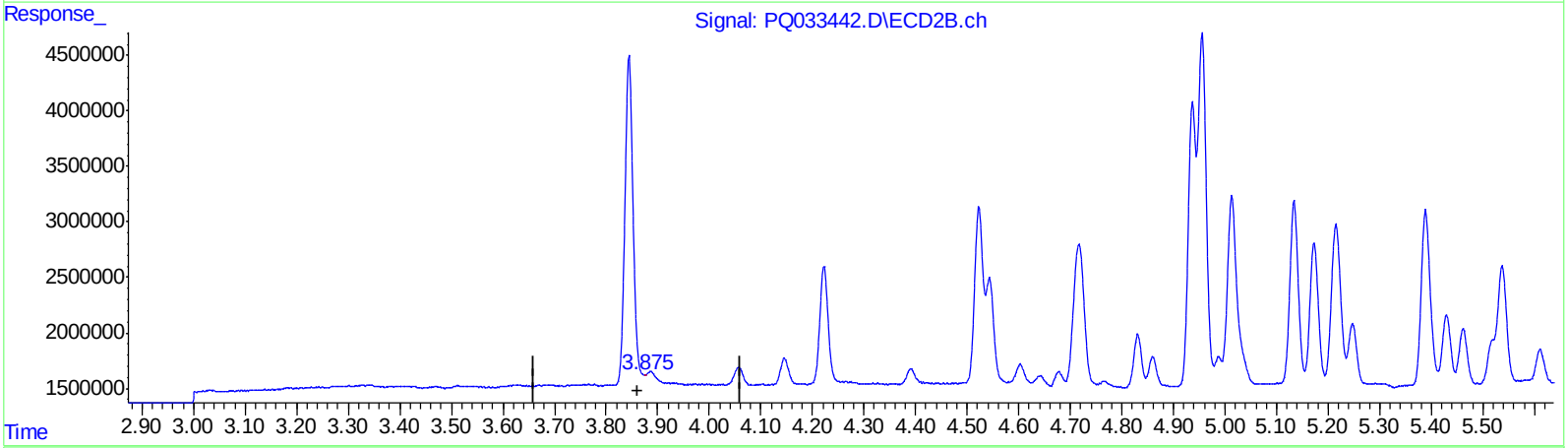
**Instrument :**
ECD_Q
**ClientSampleId :**
BECB3MSD

**Manual Integrations APPROVED**
Sohil
10/24/2018 3:14:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 01:01:04 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.  : 1 µl
Signal #1 Phase : ZB MR1  Signal #2 Phase: ZB MR2
Signal #1 Info  : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(1) Tetrachloro-m-xylene (SA)

4.565min  22.571 ng/ml

response  46304147

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

3.875min  0.004 ng/ml

response  6788

(+) = Expected Retention Time

Quantitation Report (Qedit)

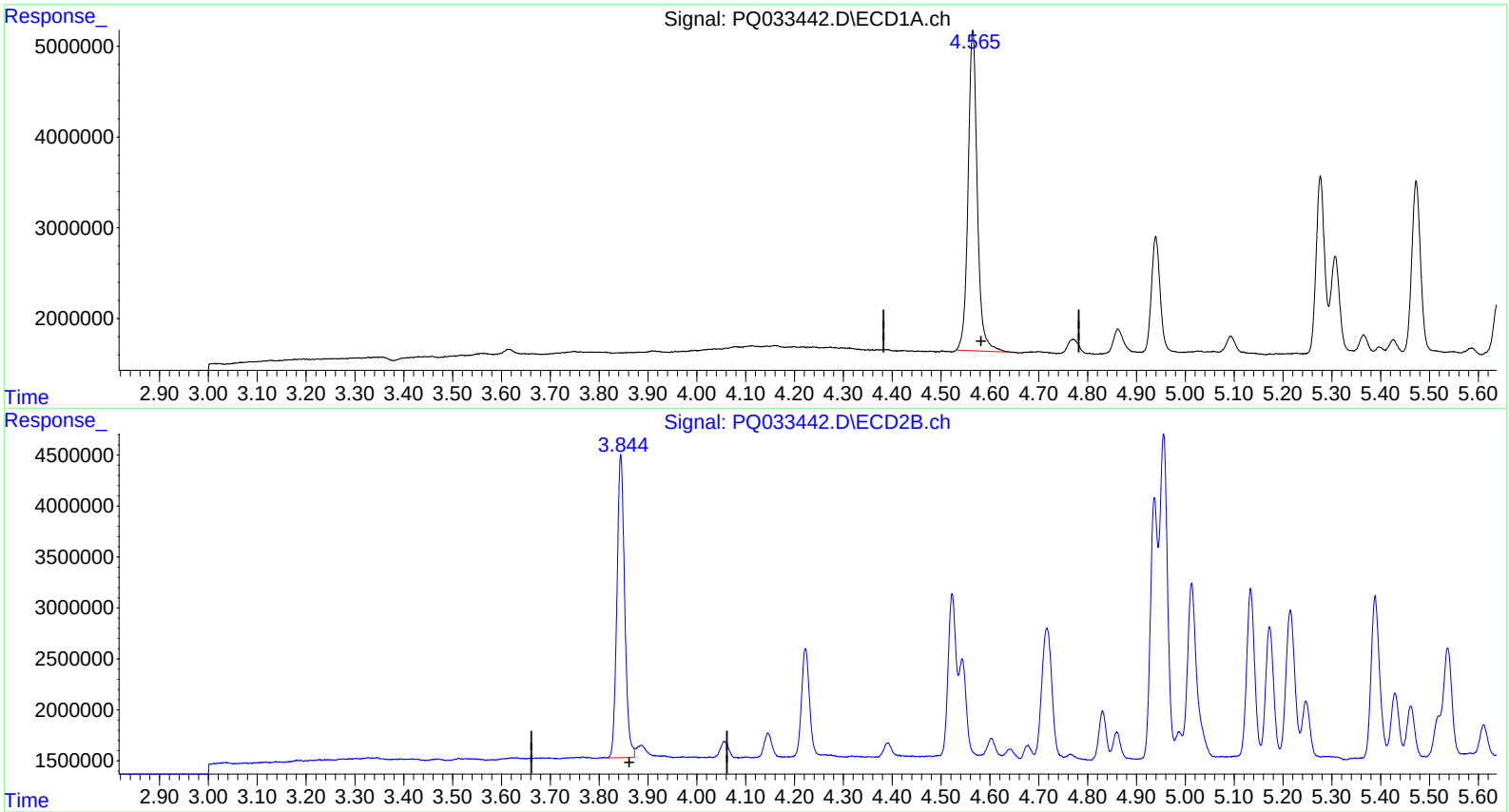
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102218\
Data File : PQ033442.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 22 Oct 2018 18:04
Operator : SM\SJ
Sample : J5534-15MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
BECB3MSD

**Manual Integrations APPROVED**
Sohil
10/24/2018 3:14:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 01:01:04 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(1) Tetrachloro-m-xylene (SA)

4.565min 22.571 ng/ml

response 46304147

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

3.844min 21.014 ng/ml m

response 32683079

(+) = Expected Retention Time

Quantitation Report (Qedit)

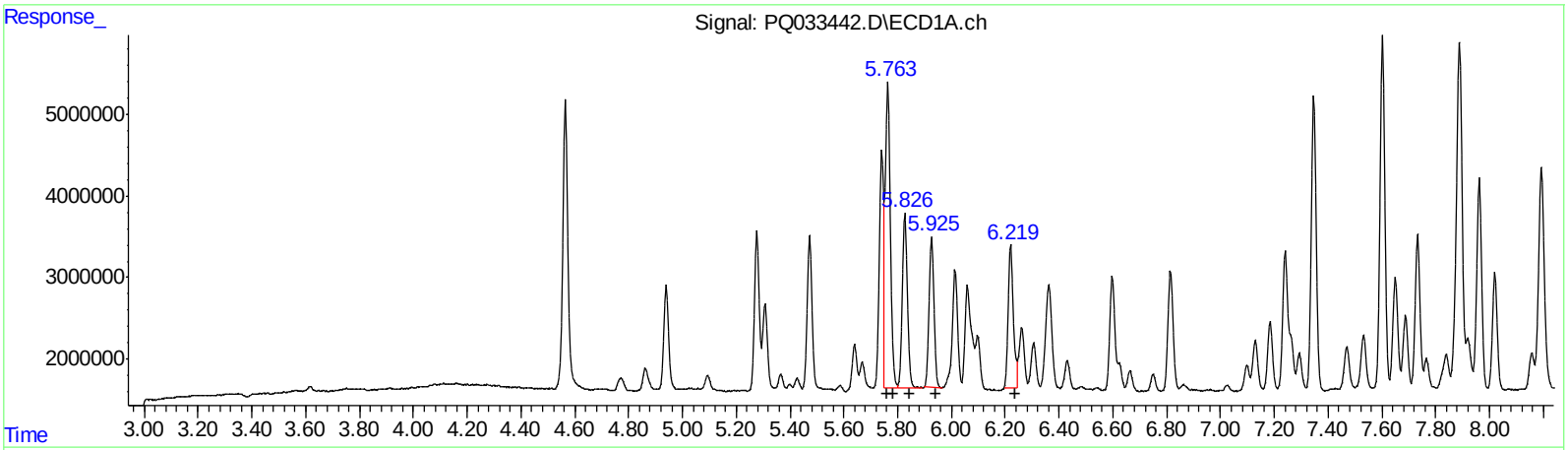
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102218\
Data File : PQ033442.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 22 Oct 2018  18:04
Operator  : SM\SJ
Sample  : J5534-15MSD
Misc  :
ALS Vial  : 28  Sample Multiplier: 1

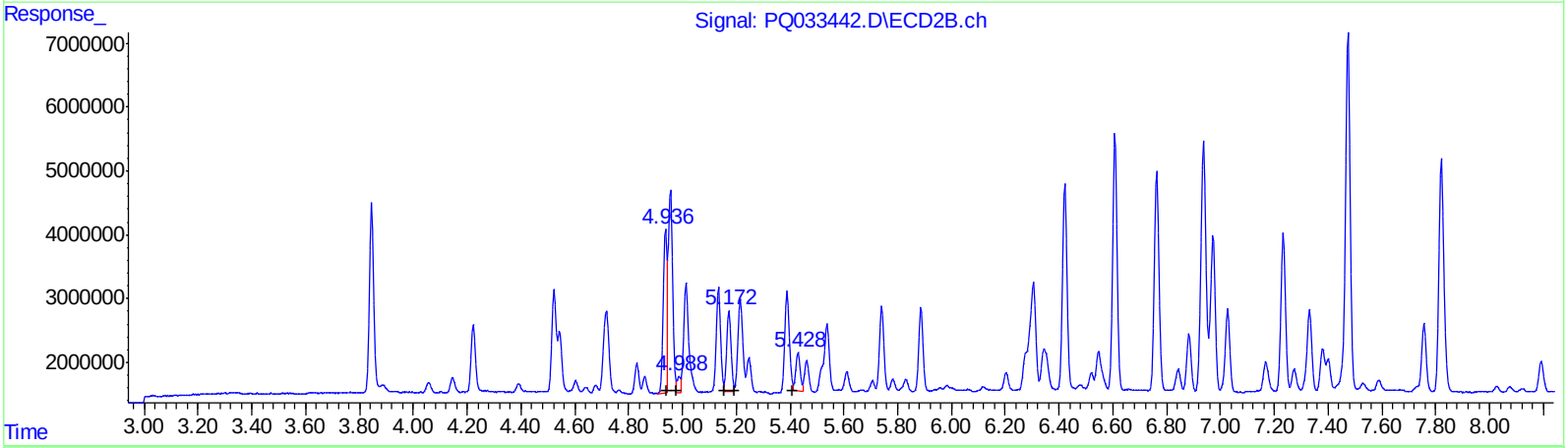
**Instrument :**
ECD_Q
**ClientSampleId :**
BECB3MSD

**Manual Integrations APPROVED**
Sohil
10/24/2018 3:14:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 01:01:04 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.  : 1 µl
Signal #1 Phase : ZB MR1  Signal #2 Phase: ZB MR2
Signal #1 Info  : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(3)  AR-1016-1 (L1)

| R.T. | Response | Conc |
|---|---|---|
| 5.76 | 48593015 | 697.88 |
| 5.76 | 48593015 | 471.74 |
| 5.83 | 28389820 | 453.39 |
| 5.93 | 23430737 | 463.59 |
| 6.22 | 23550084 | 457.01 |

(3)  AR-1016-1 #2 (L1)

| R.T. | Response | Conc |
|---|---|---|
| 4.94 | 24982146 | 436.39 |
| 4.99 | 2121181 | 26.62 |
| 5.17 | 14304508 | 344.85 |
| 5.17 | 14304508 | 417.48 |
| 5.43 | 6597632 | 144.40 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

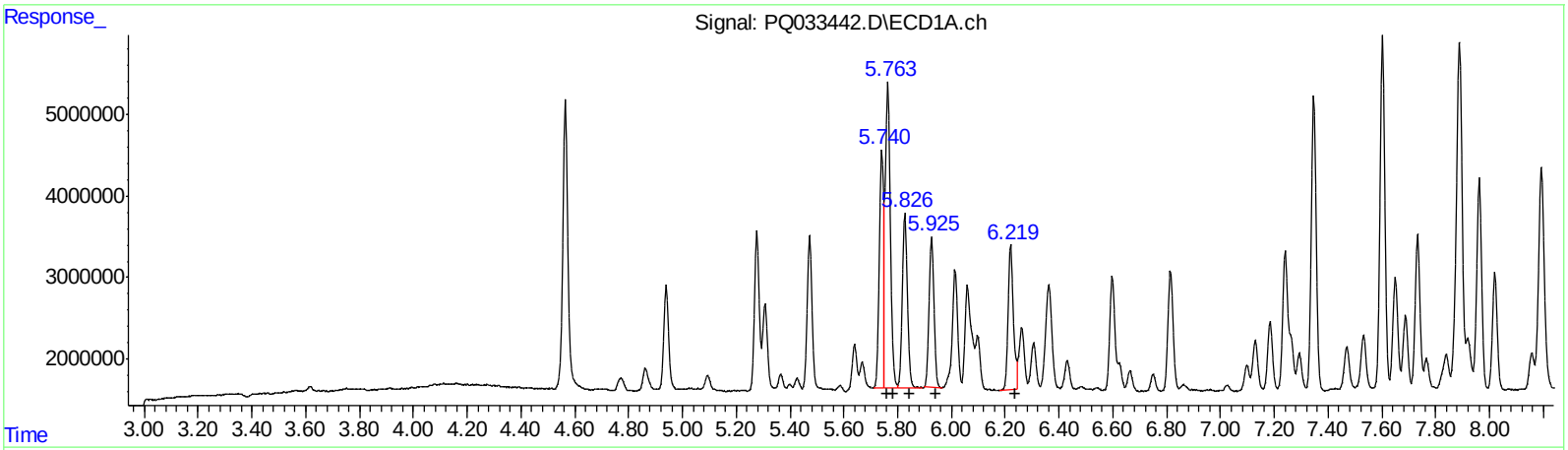
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102218\
Data File : PQ033442.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 22 Oct 2018  18:04
Operator : SM\SJ
Sample : J5534-15MSD
Misc :
ALS Vial : 28  Sample Multiplier: 1

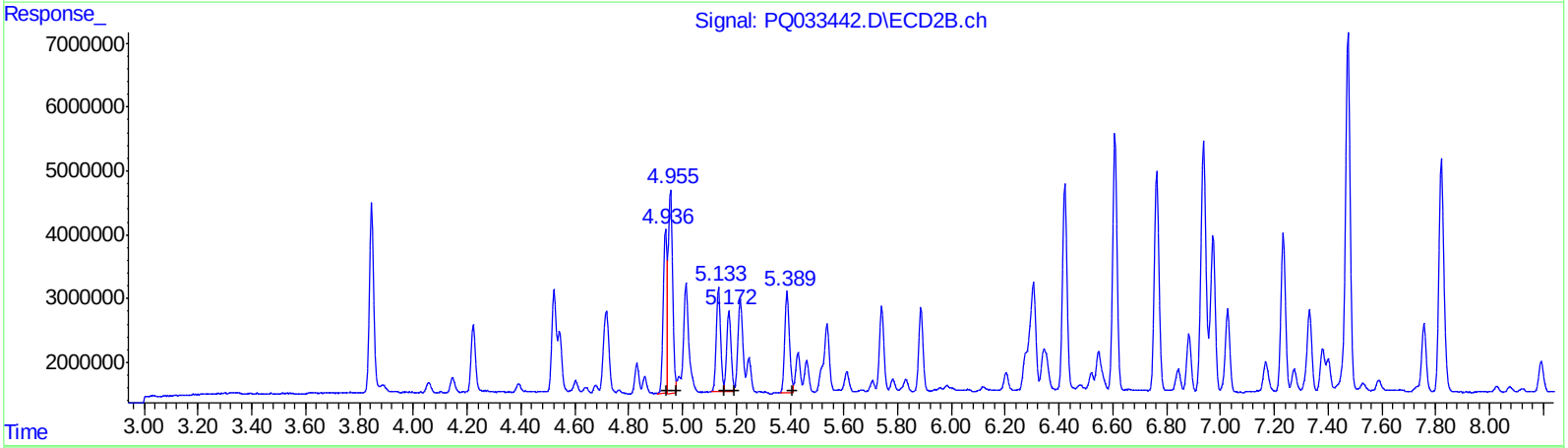
**Instrument :**
ECD_Q
**ClientSampleId :**
BECB3MSD

**Manual Integrations APPROVED**
Sohil
10/24/2018 3:14:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 01:01:04 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1  Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(3) AR-1016-1 #2 (L1)

| R.T. | Response | Conc |
|---|---|---|
| 5.74 | 32814240 | 471.27 |
| 5.76 | 48593015 | 471.74 |
| 5.83 | 28389820 | 453.39 |
| 5.93 | 23430737 | 463.59 |
| 6.22 | 24253322 | 470.66 |

(3) AR-1016-1 #2 (L1)

| R.T. | Response | Conc |
|---|---|---|
| 4.94 | 24982146 | 436.39 |
| 4.96 | 35198715 | 441.73 |
| 5.13 | 18507194 | 446.17 |
| 5.17 | 14400788 | 420.29 |
| 5.39 | 19399660 | 424.58 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

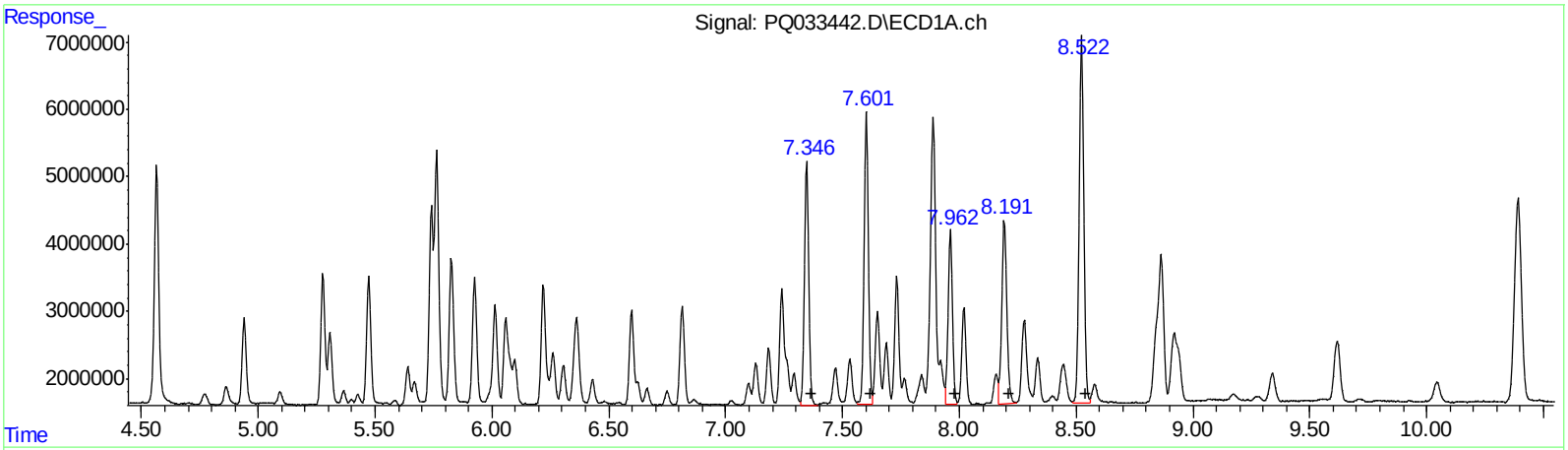
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102218\
Data File : PQ033442.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 22 Oct 2018  18:04
Operator  : SM\SJ
Sample  : J5534-15MSD
Misc  :
ALS Vial  : 28  Sample Multiplier: 1

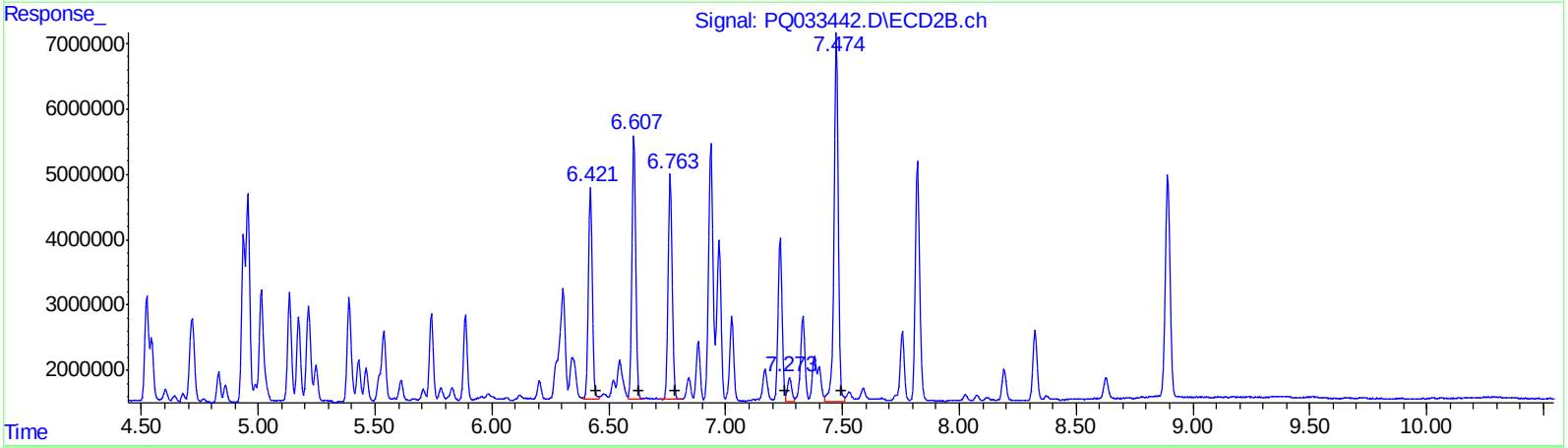
**Instrument :**
ECD_Q
**ClientSampleId :**
BECB3MSD

**Manual Integrations APPROVED**
Sohil
10/24/2018 3:14:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 01:01:04 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.  : 1 µl
Signal #1 Phase : ZB MR1  Signal #2 Phase: ZB MR2
Signal #1 Info  : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(31) AR-1260-1 (L7)

| R.T. | Response | Conc |
|---|---|---|
| 7.35 | 46413513 | 433.95 |
| 7.60 | 55213011 | 437.24 |
| 7.96 | 33344752 | 428.09 |
| 8.19 | 41012276 | 405.15 |
| 8.52 | 75620648 | 400.47 |

(31) AR-1260-1 #2 (L7)

| R.T. | Response | Conc |
|---|---|---|
| 6.42 | 38399074 | 408.83 |
| 6.61 | 44953285 | 385.83 |
| 6.76 | 41644975 | 386.16 |
| 7.27 | 4617921 | 60.07 |
| 7.47 | 70541988 | 367.18 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

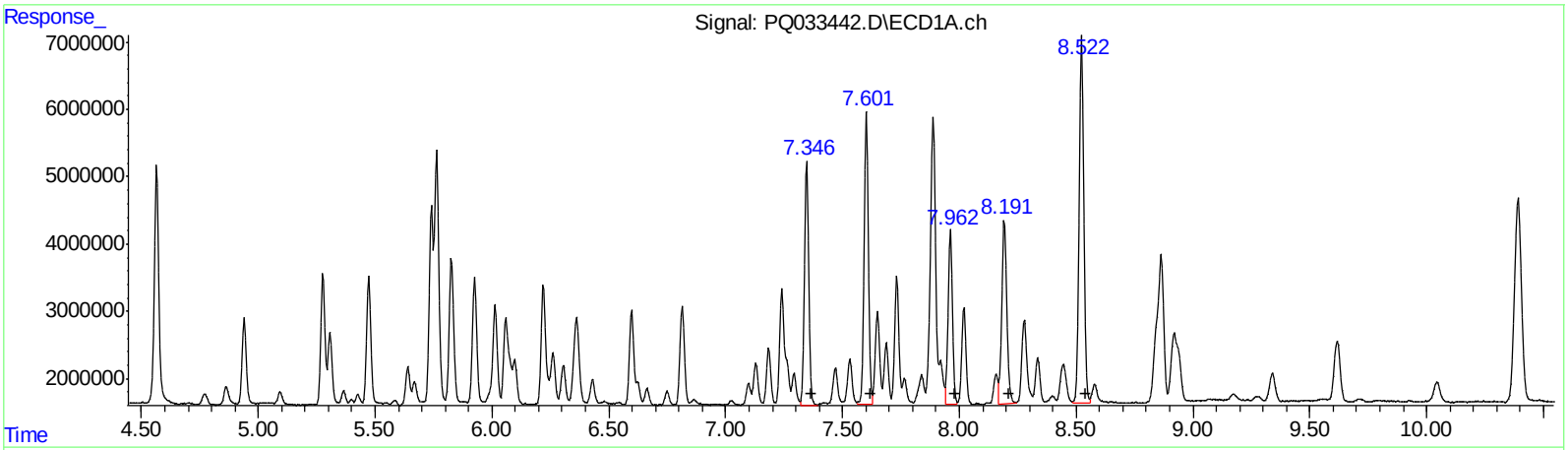
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102218\
Data File : PQ033442.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 22 Oct 2018  18:04
Operator  : SM\SJ
Sample  : J5534-15MSD
Misc  :
ALS Vial  : 28  Sample Multiplier: 1

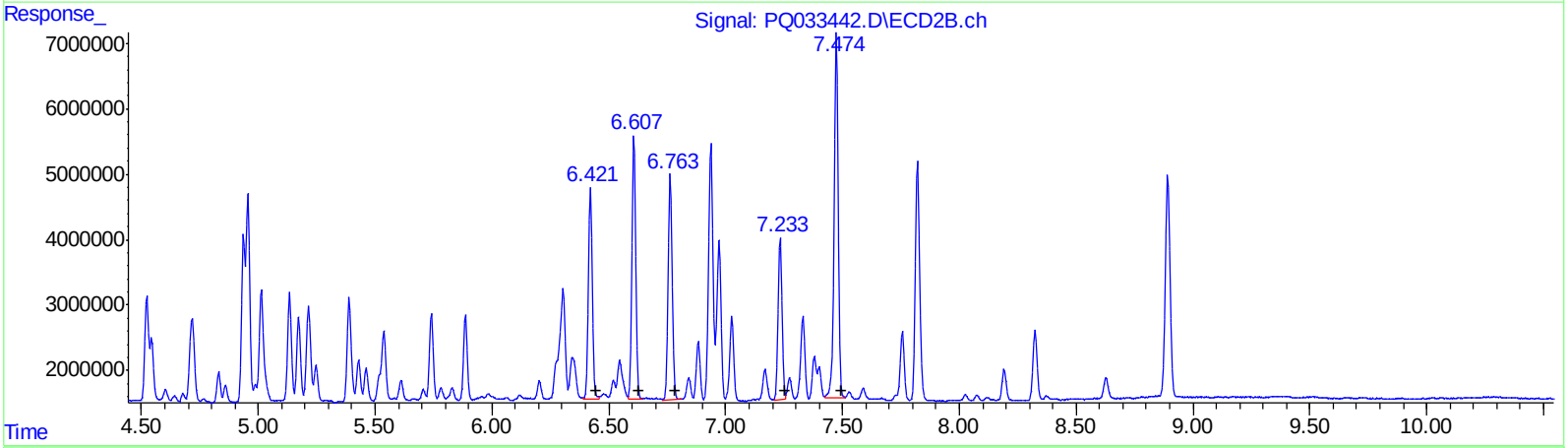
**Instrument :**
ECD_Q
**ClientSampleId :**
BECB3MSD

**Manual Integrations APPROVED**
Sohil
10/24/2018 3:14:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 01:01:04 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.  : 1 µl
Signal #1 Phase : ZB MR1  Signal #2 Phase: ZB MR2
Signal #1 Info  : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm




QEdit

(31) AR-1260-1 (L7)

| R.T. | Response | Conc |
|---|---|---|
| 7.35 | 46413513 | 433.95 |
| 7.60 | 55213011 | 437.24 |
| 7.96 | 33344752 | 428.09 |
| 8.19 | 41012276 | 405.15 |
| 8.52 | 75620648 | 400.47 |

(31) AR-1260-1 #2 (L7)

| R.T. | Response | Conc |
|---|---|---|
| 6.42 | 38399074 | 408.83 |
| 6.61 | 44953285 | 385.83 |
| 6.76 | 41836602 | 387.94 |
| 7.23 | 28999512 | 377.26 |
| 7.47 | 67344636 | 350.54 |

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102218\
Data File : PQ033442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2018 18:04
Operator : SM\SJ
Sample : J5534-15MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 01:01:04 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.565 | 3.844 | 46304147 | 32683079 | 22.571 | 21.014m |
| 2) | SA Decachlor... | 10.392 | 8.892 | 61546749 | 47063377 | 32.559 | 29.276 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.740 | 4.937 | 32814240 | 24982146 | 471.267m | 436.386 |
| 4) | L1 AR-1016-2 | 5.764 | 4.955 | 48593015 | 35198715 | 471.740 | 441.730m |
| 5) | L1 AR-1016-3 | 5.826 | 5.133 | 28389820 | 18507194 | 453.387 | 446.169m |
| 6) | L1 AR-1016-4 | 5.926 | 5.172 | 23430737 | 14400788 | 463.593 | 420.291m |
| 7) | L1 AR-1016-5 | 6.219 | 5.389 | 24253322 | 19399660 | 470.656m | 424.584m |
| 31) | L7 AR-1260-1 | 7.346 | 6.421 | 46413513 | 38399074 | 433.946 | 408.830 |
| 32) | L7 AR-1260-2 | 7.602 | 6.608 | 55213011 | 44953285 | 437.243 | 385.830 |
| 33) | L7 AR-1260-3 | 7.962 | 6.763 | 33344752 | 41836602 | 428.092 | 387.941m |
| 34) | L7 AR-1260-4 | 8.192 | 7.233 | 41012276 | 28999512 | 405.150 | 377.257m |
| 35) | L7 AR-1260-5 | 8.523 | 7.474 | 75620648 | 67344636 | 400.475 | 350.538m |

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

**Instrument :**
ECD_Q
**ClientSampleId :**
BECB3MSD

**Manual Integrations APPROVED**
Sohil
10/24/2018 3:14:30 PM

SJ 10/25/18