Quantitation Report (Qedit)

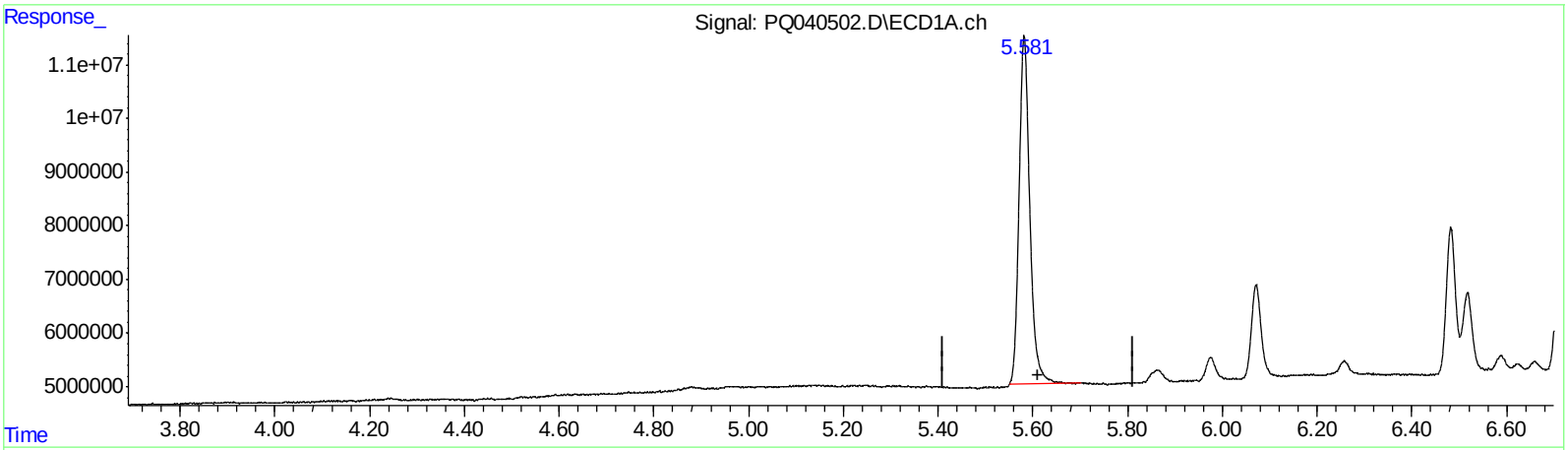
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
Data File : PQ040502.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 31 May 2019  21:59
Operator  : SM\AJ
Sample  : AR1242CCC400
Misc  :
ALS Vial  : 4  Sample Multiplier: 1

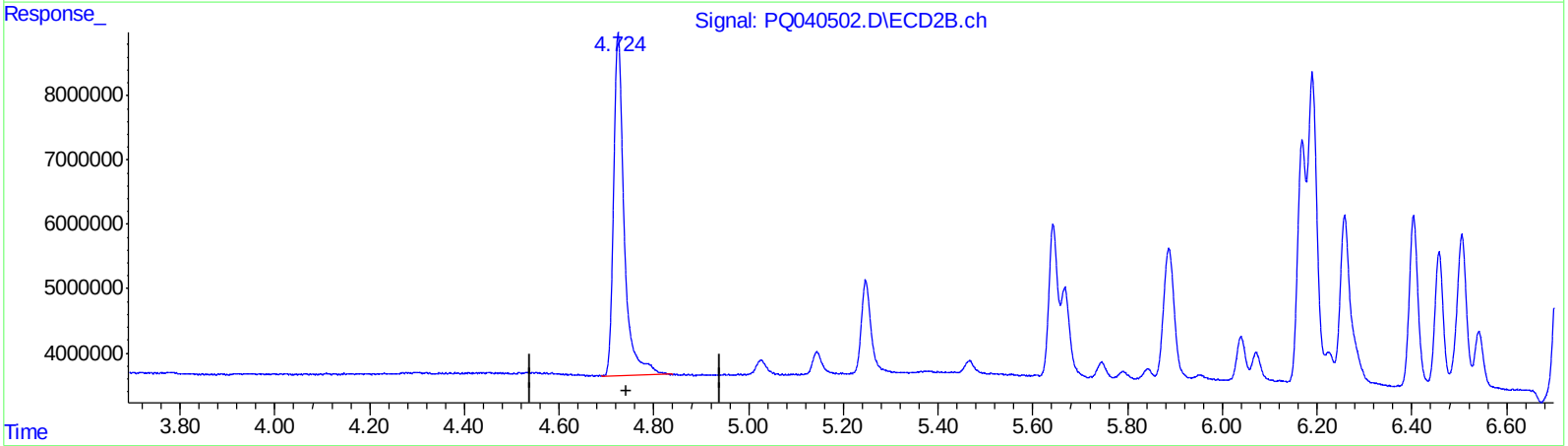
**Instrument :**
ECD_Q
**LabSampleId :**
AR1242352

**Manual Integrations APPROVED**
Ankita
6/3/2019 1:04:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 05:40:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 2019
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)

5.582min  31.104 ng/ml

response  101893906

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

4.725min  38.504 ng/ml

response  82698496

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
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Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 31 May 2019  21:59
Operator  : SM\AJ
Sample  : AR1242CCC400
Misc  :
ALS Vial  : 4  Sample Multiplier: 1

**Instrument :**
ECD_Q
**LabSampleId :**
AR1242352

**Manual Integrations APPROVED**
Ankita
6/3/2019 1:04:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 05:40:39 2019
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Quant Title  : GC EXTRACTABLES
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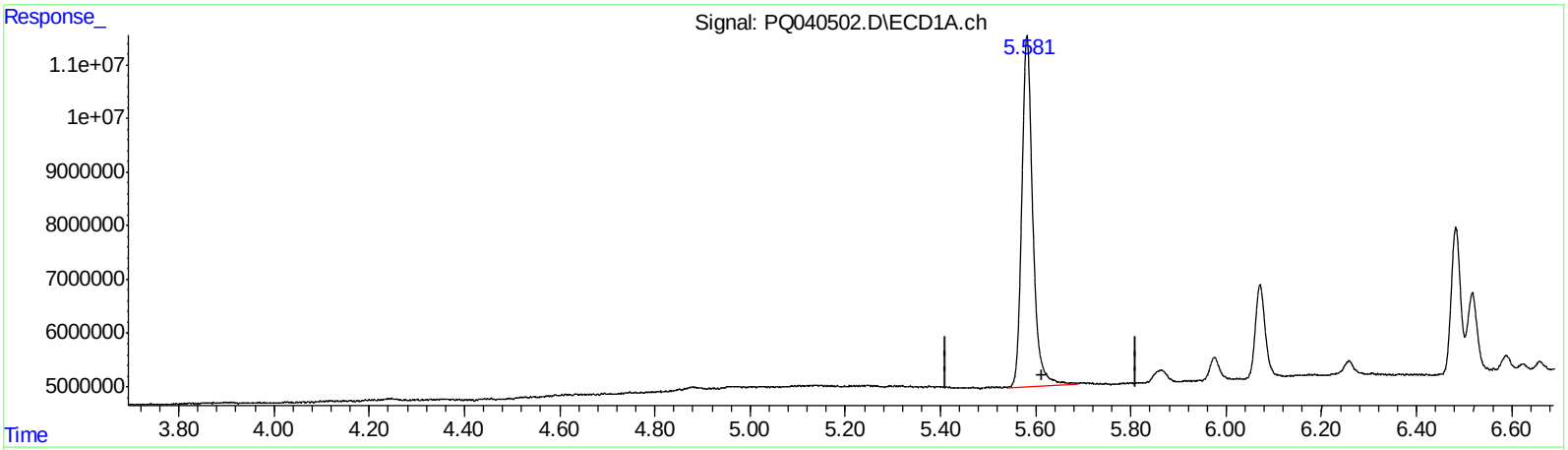
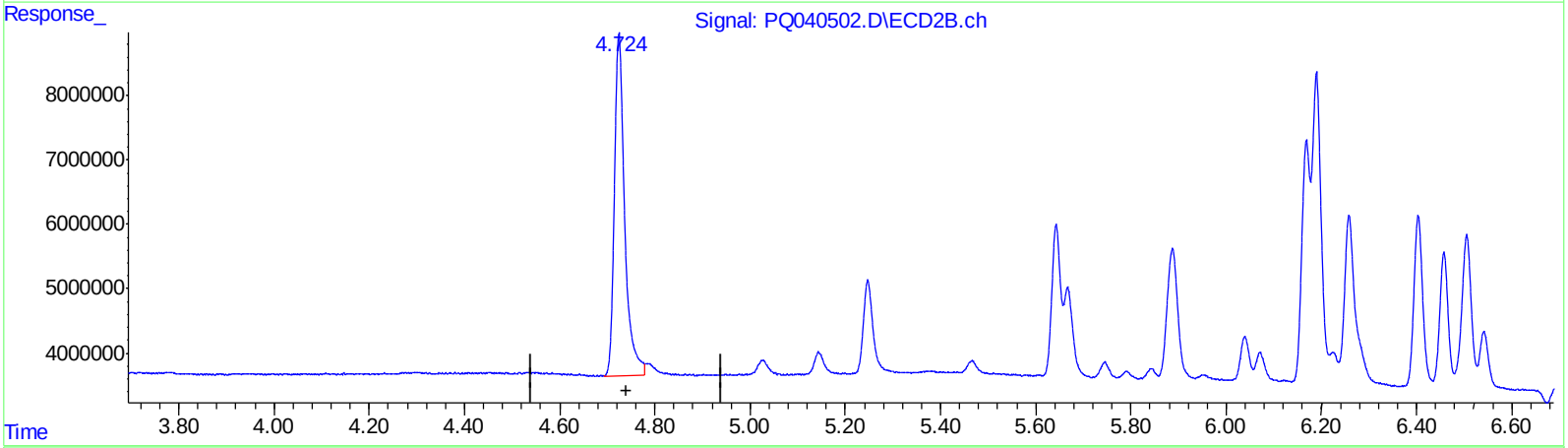
Integrator: ChemStation

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)

5.581min  32.028 ng/ml m

response  104921979

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

4.724min  37.375 ng/ml m

response  80273250

(+) = Expected Retention Time

Quantitation Report (Qedit)

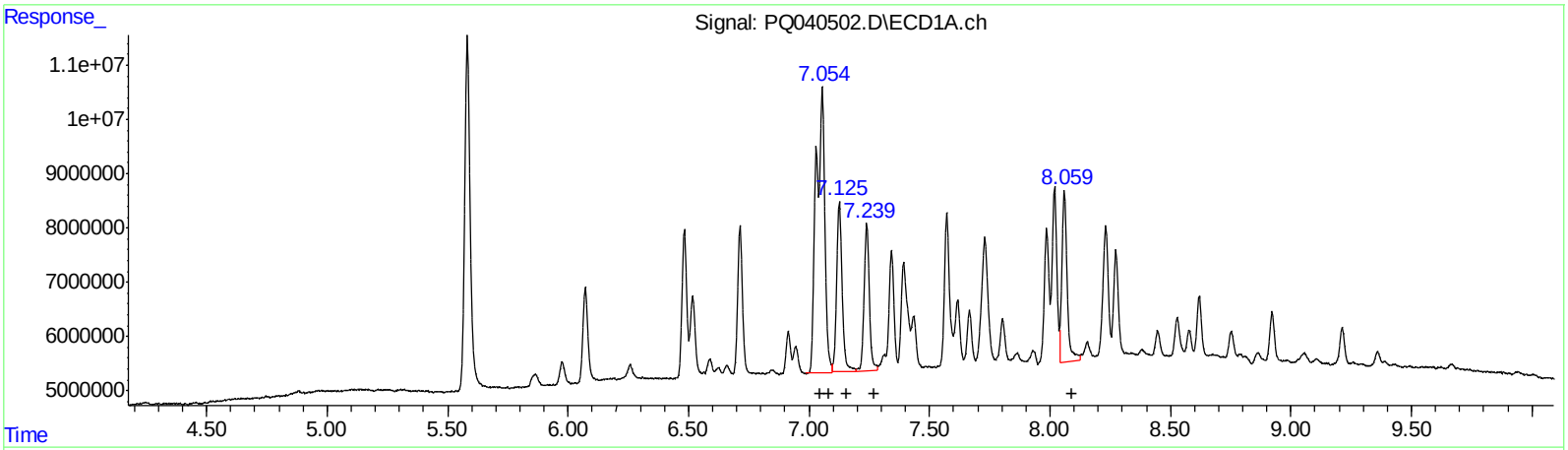
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
Data File : PQ040502.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 31 May 2019  21:59
Operator  : SM\AJ
Sample  : AR1242CCC400
Misc  :
ALS Vial  : 4  Sample Multiplier: 1

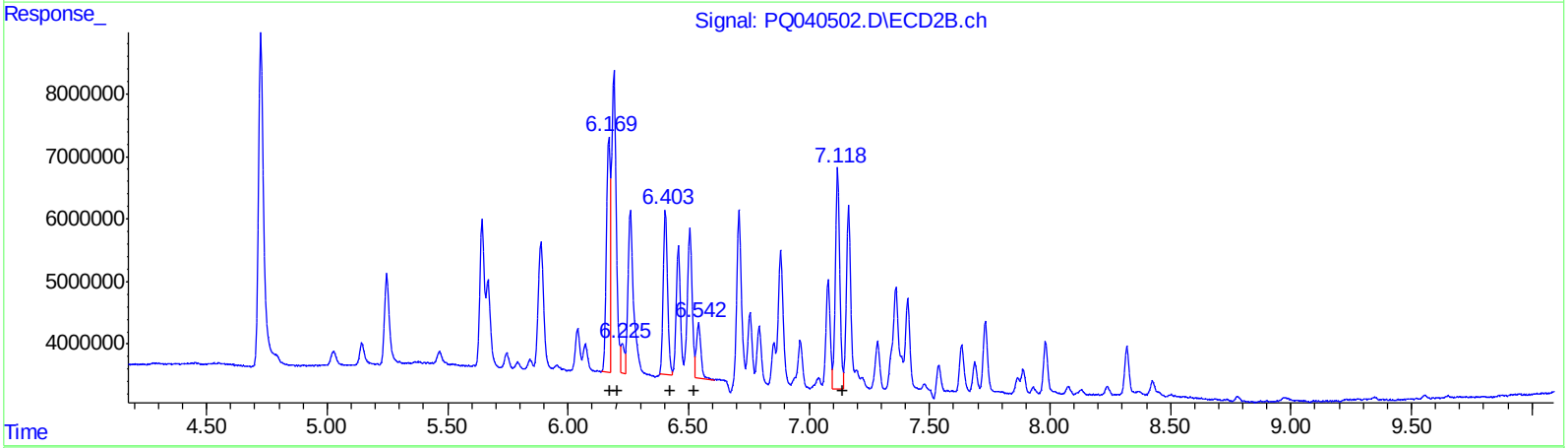
**Instrument :**
ECD_Q
**LabSampleId :**
AR1242352

**Manual Integrations APPROVED**
Ankita
6/3/2019 1:04:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 05:40:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 2019
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

(16) AR-1242-1 (L4)

| R.T. | Response | Conc |
|---|---|---|
| 7.05 | 129198679 | 1332.55 |
| 7.05 | 129198679 | 894.00 |
| 7.13 | 50259573 | 539.90 |
| 7.24 | 41339564 | 549.65 |
| 8.06 | 48508080 | 559.53 |

(16) AR-1242-1 #2 (L4)

| R.T. | Response | Conc |
|---|---|---|
| 6.17 | 42518160 | 574.97 |
| 6.22 | 5028806 | 47.24 |
| 6.40 | 32701691 | 542.10 |
| 6.54 | 11597847 | 194.59 |
| 7.12 | 44213913 | 548.64 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

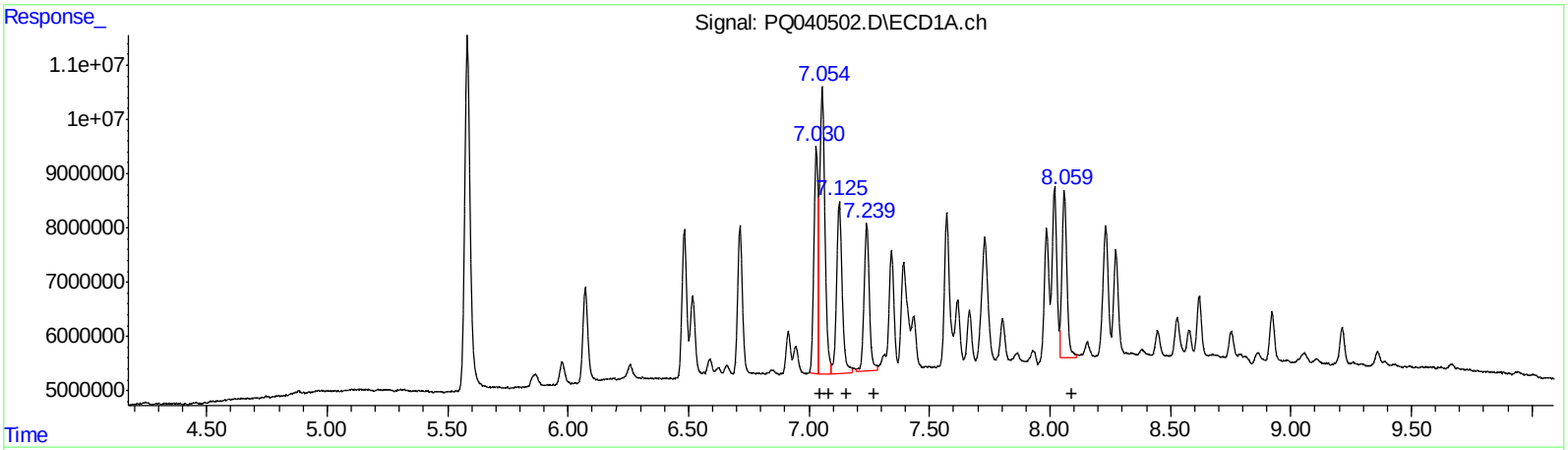
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
Data File : PQ040502.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 31 May 2019  21:59
Operator  : SM\AJ
Sample  : AR1242CCC400
Misc  :
ALS Vial  : 4  Sample Multiplier: 1

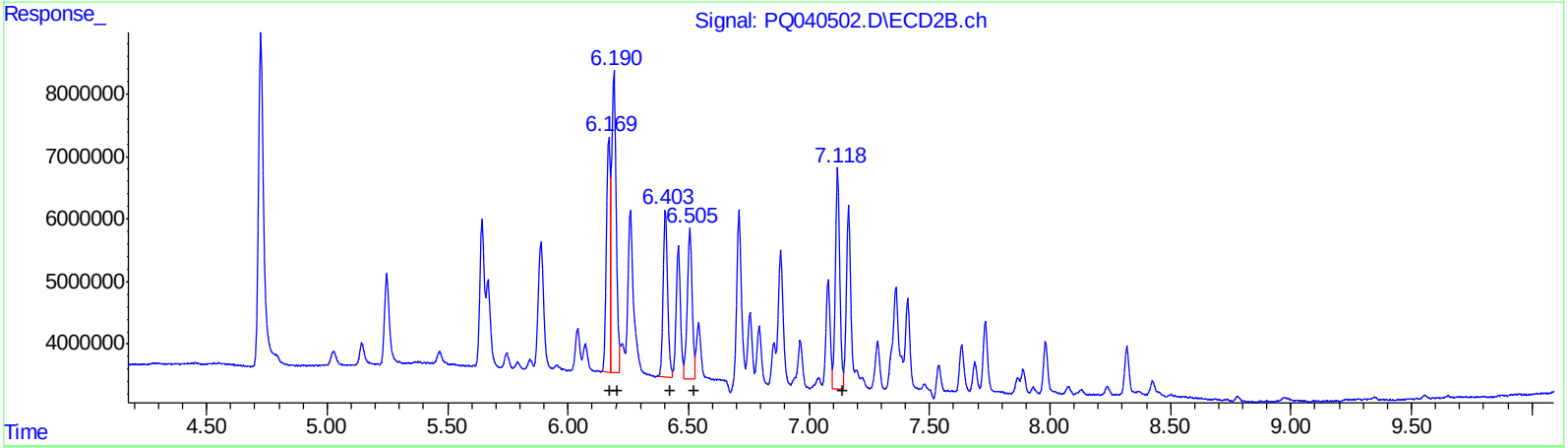
**Instrument :**
ECD_Q
**LabSampleId :**
AR1242352

**Manual Integrations APPROVED**
Ankita
6/3/2019 1:04:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 05:40:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 2019
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

(16)  AR-1242-1 #2 (L4)

| R.T. | Response | Conc |
|---|---|---|
| 7.03 | 51402561 | 530.16 |
| 7.05 | 77028880 | 533.00 |
| 7.13 | 50637394 | 543.96 |
| 7.24 | 41339564 | 549.65 |
| 8.06 | 44406994 | 512.23 |

(16)  AR-1242-1 #2 (L4)

| R.T. | Response | Conc |
|---|---|---|
| 6.17 | 42518160 | 574.97 |
| 6.19 | 60678821 | 569.97 |
| 6.40 | 34070160 | 564.78 |
| 6.50 | 33666806 | 564.88 |
| 7.12 | 44213913 | 548.64 |

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
Data File : PQ040502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 May 2019 21:59
Operator : SM\AJ
Sample : AR1242CCC400
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** ECD_Q
**LabSampleId :** AR1242352

**Manual Integrations APPROVED**
Ankita
6/3/2019 1:04:27 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 05:40:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 2019
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... | 5.581 | 4.724 | 104.9E6 | 80273250 | 32.028m | 37.375m |
| 2) | SA Decachlor... | 11.877 | 10.440 | 362.3E6 | 225.9E6 | 50.719 | 54.331 |
| | Target Compounds | | | | | | |
| 16) | L4 AR-1242-1 | 7.030 | 6.169 | 51402561 | 42518160 | 530.164m | 574.973 |
| 17) | L4 AR-1242-2 | 7.054 | 6.190 | 77028880 | 60678821 | 533.005m | 569.971m |
| 18) | L4 AR-1242-3 | 7.125 | 6.403 | 50637394 | 34070160 | 543.959m | 564.782m |
| 19) | L4 AR-1242-4 | 7.240 | 6.505 | 41339564 | 33666806 | 549.651 | 564.875m |
| 20) | L4 AR-1242-5 | 8.059 | 7.119 | 44406994 | 44213913 | 512.229m | 548.639 |

AJ 06/05/19

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