Quantitation Report (Qedit)

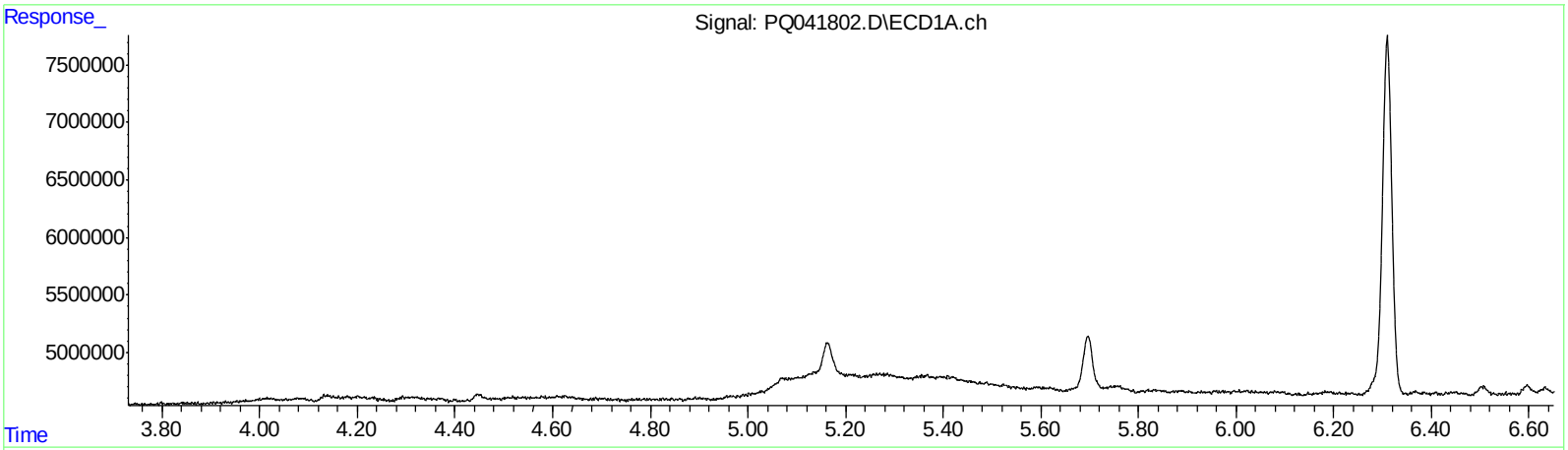
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041802.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Jul 2019  09:41
Operator  : SM\AJ
Sample  : K3850-12DL 5X
Misc  :
ALS Vial  : 8  Sample Multiplier: 1

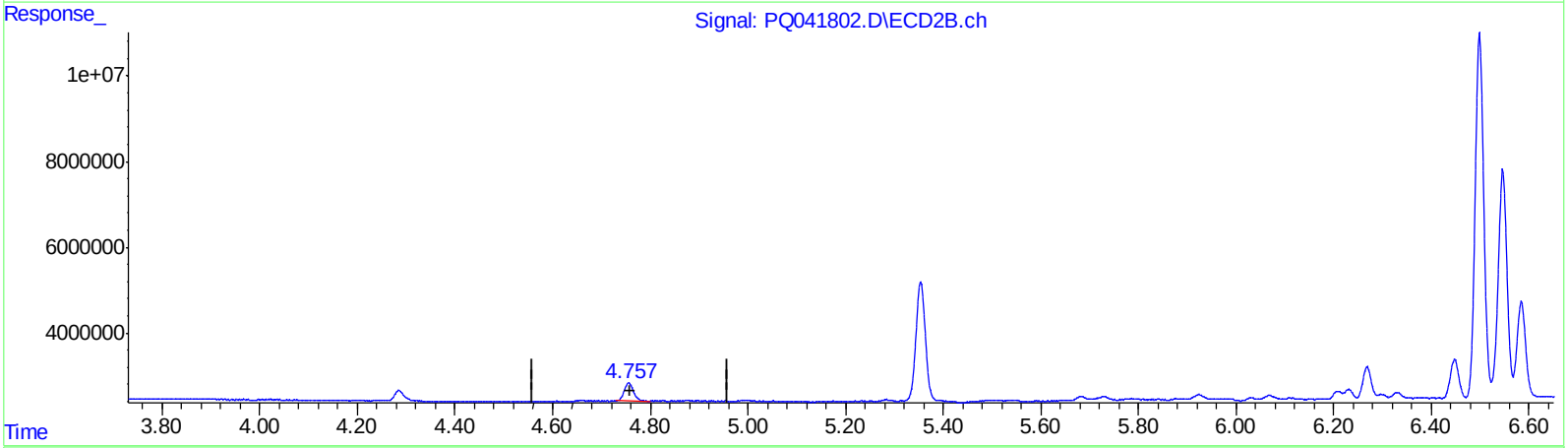
**Instrument :**
ECD_Q
**ClientSampleId :**
BENR9DL

**Manual Integrations APPROVED**
Ankita
7/31/2019 3:44:42 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 00:58:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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)

0.000min  0.000 ng/ml

response  0

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

4.756min  2.849 ng/ml

response  5489859

(+) = Expected Retention Time

Quantitation Report (Qedit)

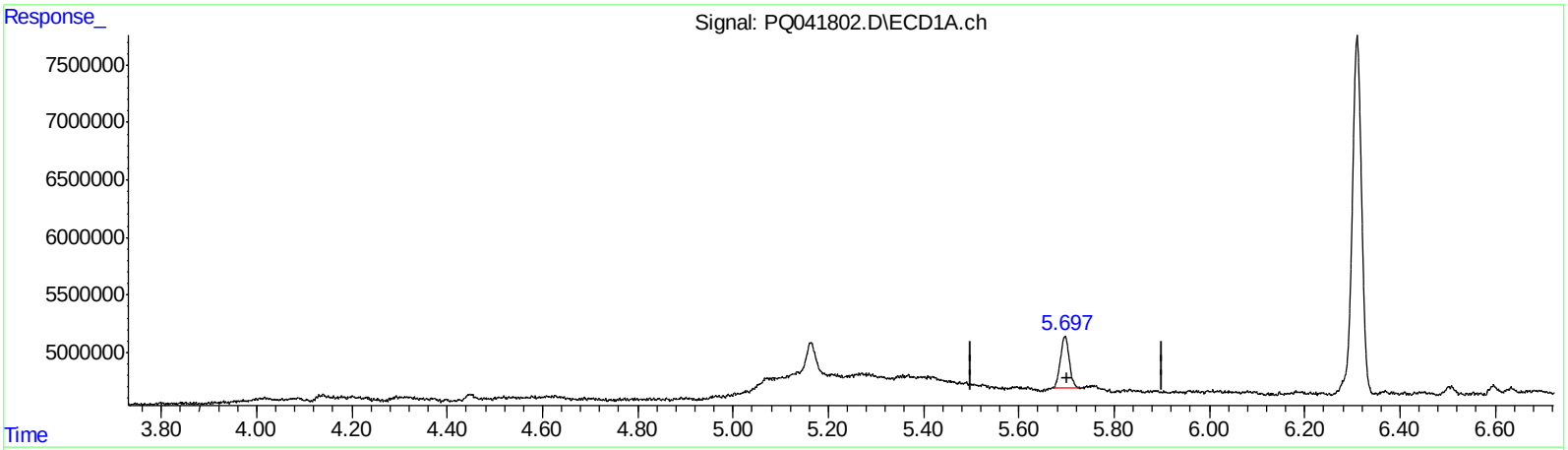
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041802.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Jul 2019  09:41
Operator  : SM\AJ
Sample  : K3850-12DL 5X
Misc  :
ALS Vial  : 8  Sample Multiplier: 1

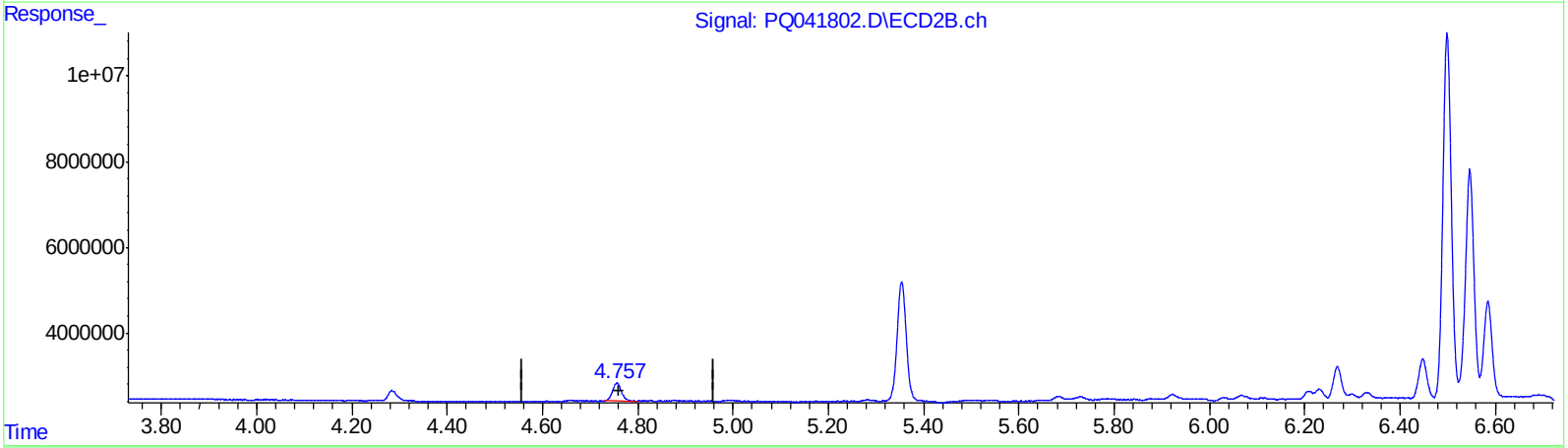
**Instrument :**
ECD_Q
**ClientSampleId :**
BENR9DL

**Manual Integrations APPROVED**
Ankita
7/31/2019 3:44:42 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 00:58:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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)

5.697min  2.564 ng/ml m

response  5879921

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

4.756min  2.849 ng/ml

response  5489859

(+) = Expected Retention Time

Quantitation Report (Qedit)

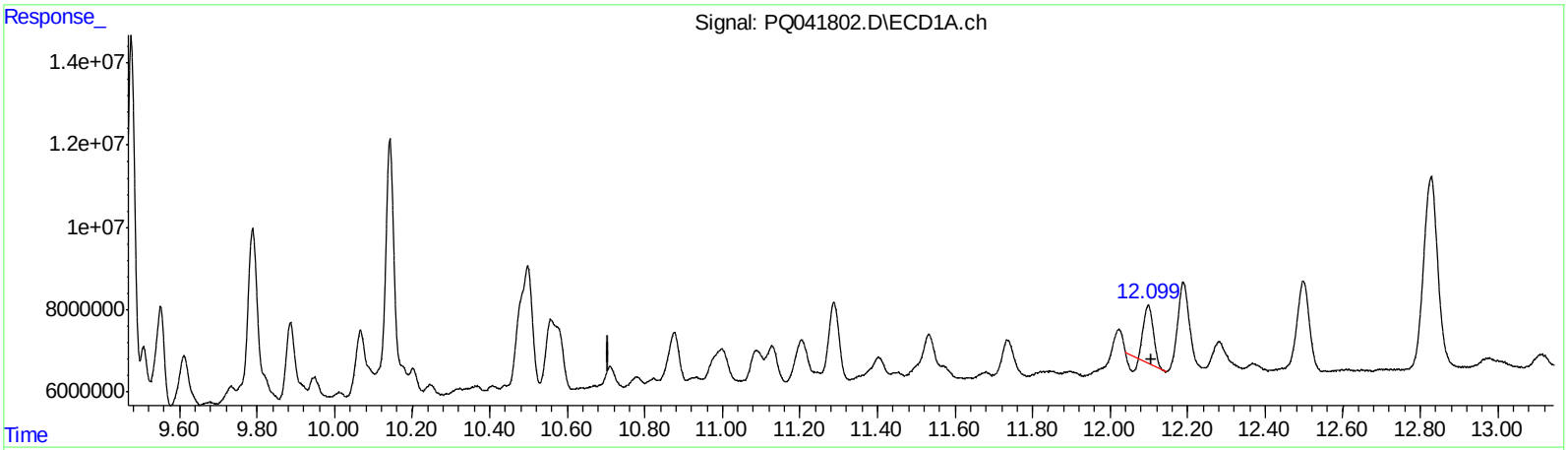
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041802.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Jul 2019  09:41
Operator  : SM\AJ
Sample  : K3850-12DL 5X
Misc  :
ALS Vial  : 8  Sample Multiplier: 1

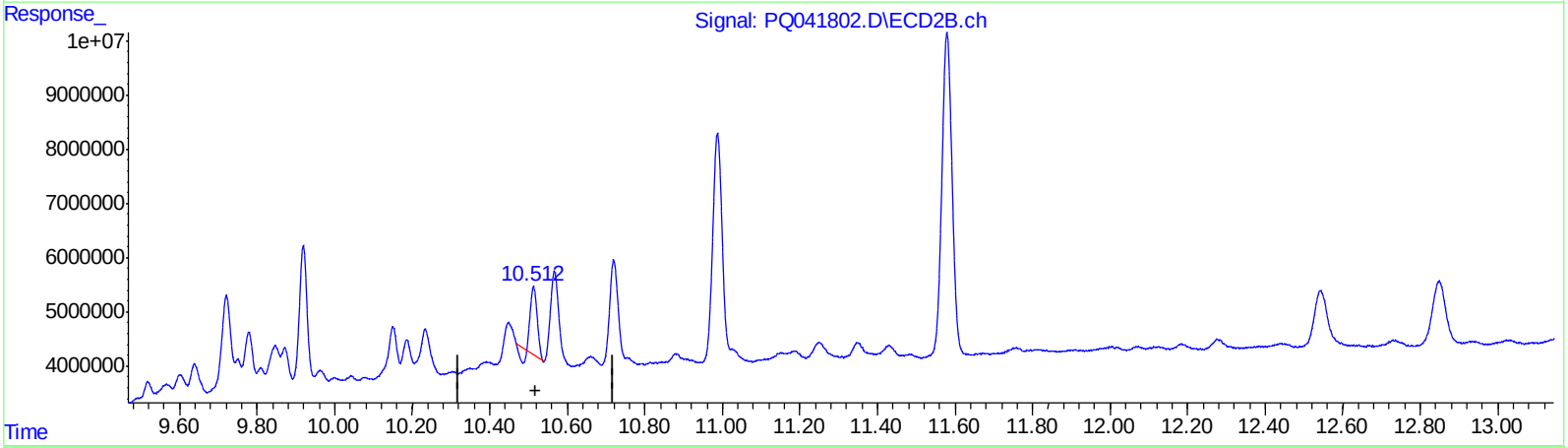
**Instrument :**
ECD_Q
**ClientSampleId :**
BENR9DL

**Manual Integrations APPROVED**
Ankita
7/31/2019 3:44:42 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 00:58:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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

(2) Decachlorobiphenyl (SA)

12.099min  2.559 ng/ml

response  21577420

(2) Decachlorobiphenyl #2 (SA)

10.513min  2.818 ng/ml

response  13630721

(+) = Expected Retention Time

Quantitation Report (Qedit)

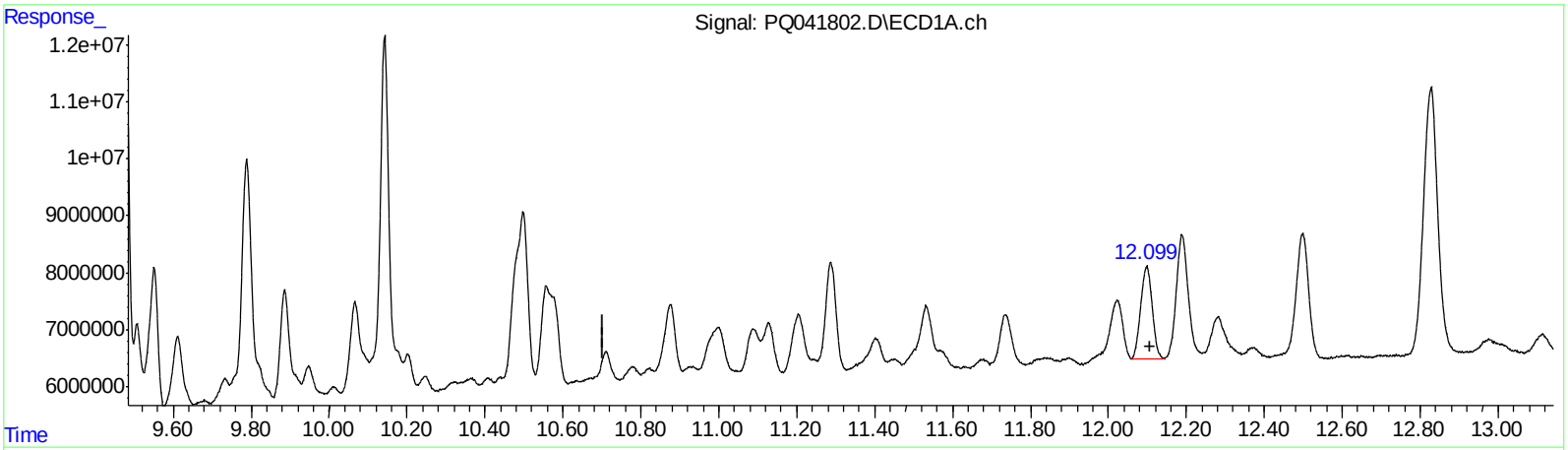
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041802.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Jul 2019  09:41
Operator  : SM\AJ
Sample  : K3850-12DL 5X
Misc  :
ALS Vial  : 8  Sample Multiplier: 1

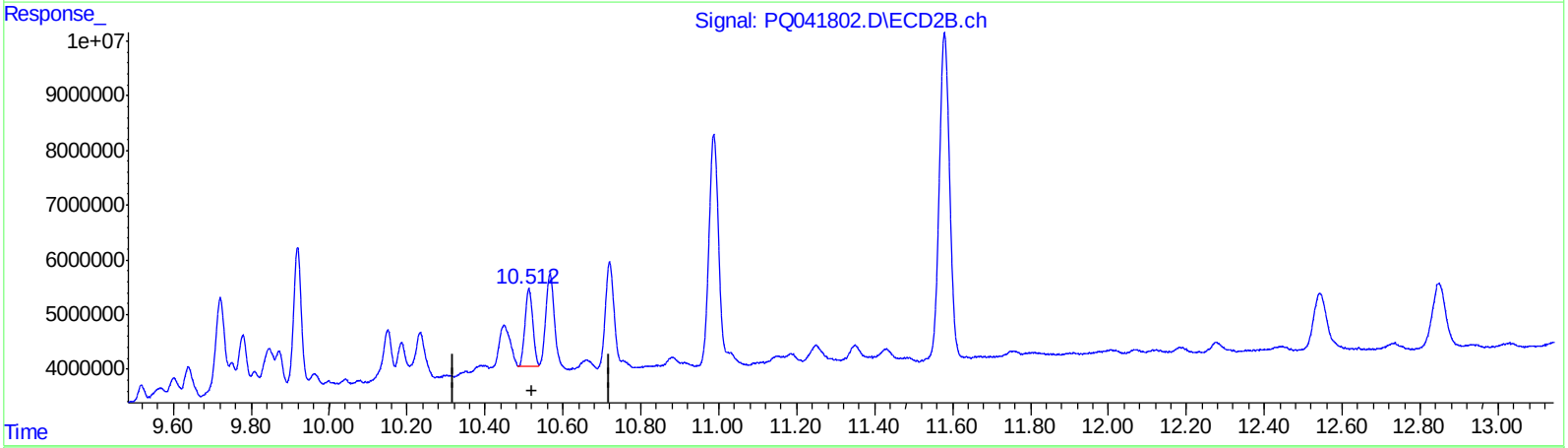
**Instrument :**
ECD_Q
**ClientSampleId :**
BENR9DL

**Manual Integrations APPROVED**
Ankita
7/31/2019 3:44:42 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 00:58:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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

(2) Decachlorobiphenyl (SA)

12.099min  3.984 ng/ml m

response  33590182

(2) Decachlorobiphenyl #2 (SA)

10.512min  4.037 ng/ml m

response  19527934

(+) = Expected Retention Time

Quantitation Report (Qedit)

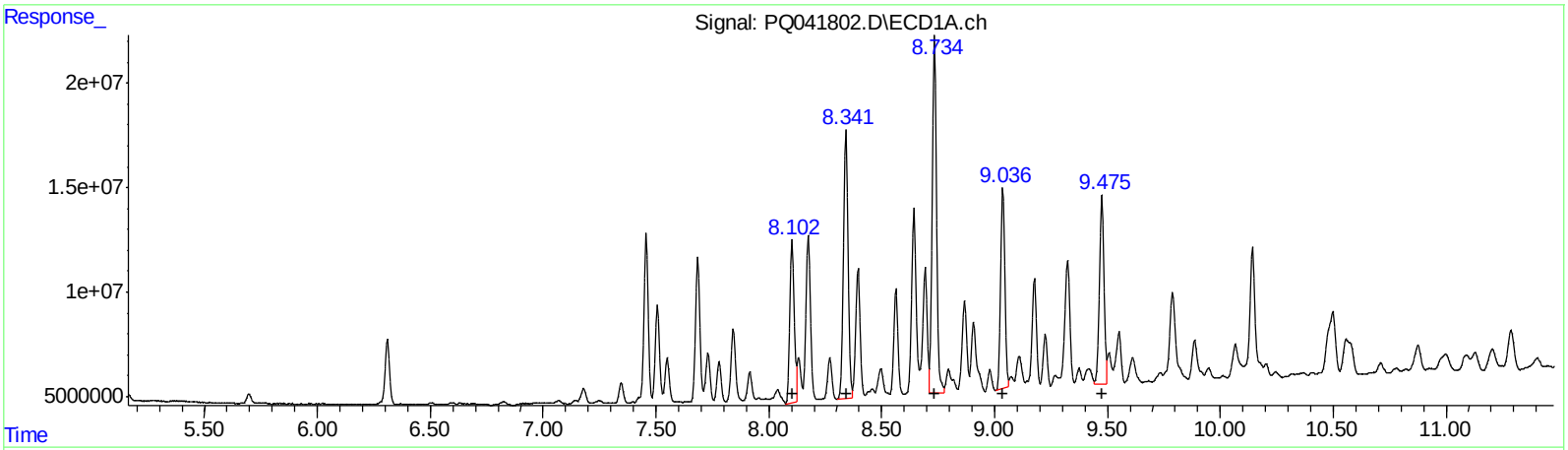
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041802.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Jul 2019  09:41
Operator  : SM\AJ
Sample  : K3850-12DL 5X
Misc  :
ALS Vial  : 8  Sample Multiplier: 1

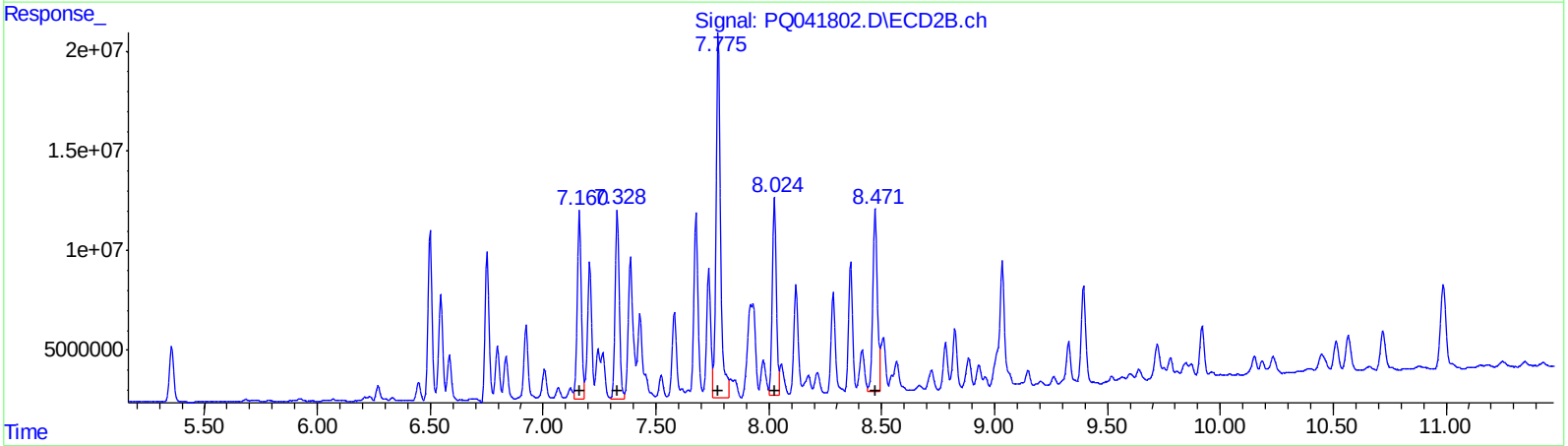
**Instrument :**
ECD_Q
**ClientSampleId :**
BENR9DL

**Manual Integrations APPROVED**
Ankita
7/31/2019 3:44:42 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 00:58:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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

(26)  AR-1254-1 (L6)

| R.T. | Response | Conc |
|---|---|---|
| 8.10 | 105665697 | 759.56 |
| 8.34 | 183058169 | 799.79 |
| 8.73 | 228317273 | 835.02 |
| 9.04 | 126818420 | 515.16 |
| 9.47 | 127617795 | 471.18 |

(26)  AR-1254-1 #2 (L6)

| R.T. | Response | Conc |
|---|---|---|
| 7.16 | 119923134 | 655.73 |
| 7.33 | 121970492 | 753.50 |
| 7.78 | 252279203 | 874.73 |
| 8.02 | 123817663 | 570.40 |
| 8.47 | 128633887 | 427.68 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

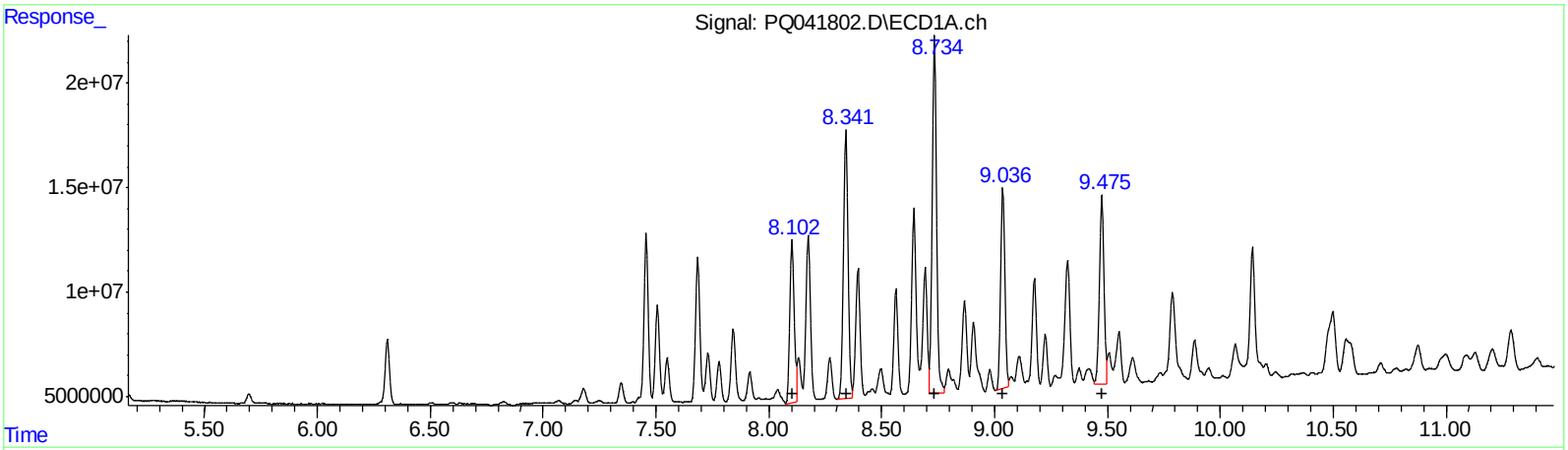
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041802.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 30 Jul 2019  09:41
Operator  : SM\AJ
Sample    : K3850-12DL 5X
Misc      :
ALS Vial  : 8   Sample Multiplier: 1

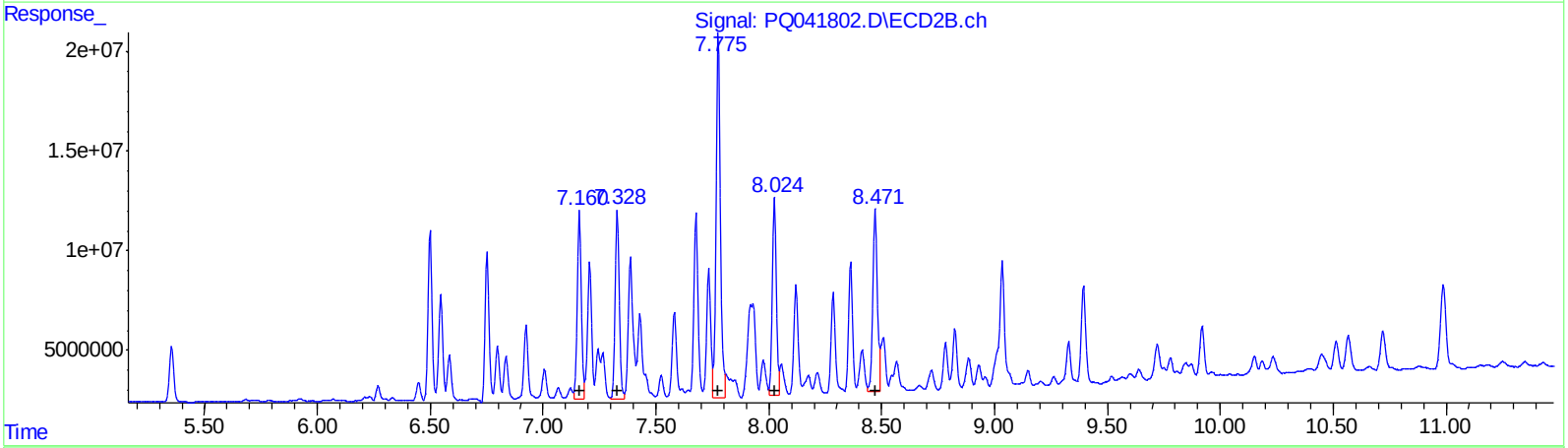
**Instrument :**
ECD_Q
**ClientSampleId :**
BENR9DL

**Manual Integrations APPROVED**
Ankita
7/31/2019 3:44:42 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 00:58:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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

(26) AR-1254-1 #2 (L6)

| R.T. | Response | Conc |
|---|---|---|
| 8.10 | 105665697 | 759.56 |
| 8.34 | 183058169 | 799.79 |
| 8.73 | 228317273 | 835.02 |
| 9.04 | 126818420 | 515.16 |
| 9.47 | 127617795 | 471.18 |

(26) AR-1254-1 #2 (L6)

| R.T. | Response | Conc |
|---|---|---|
| 7.16 | 119923134 | 655.73 |
| 7.33 | 121970492 | 753.50 |
| 7.78 | 239952555 | 831.99 |
| 8.02 | 123817663 | 570.40 |
| 8.47 | 128633887 | 427.68 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

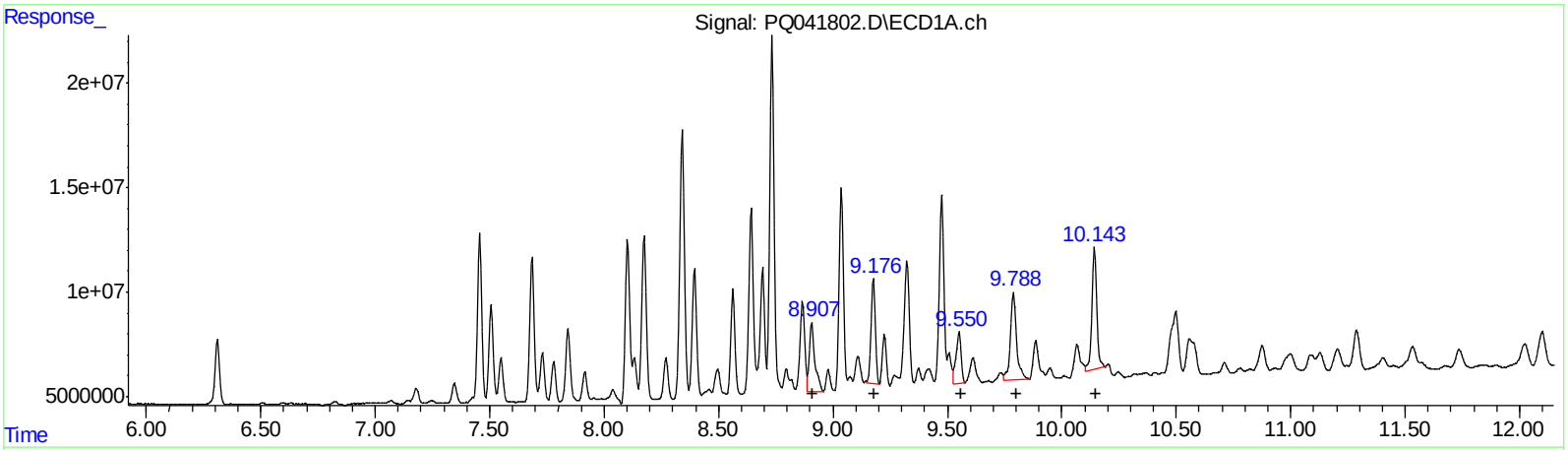
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041802.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 30 Jul 2019  09:41
Operator  : SM\AJ
Sample    : K3850-12DL 5X
Misc      :
ALS Vial  : 8   Sample Multiplier: 1

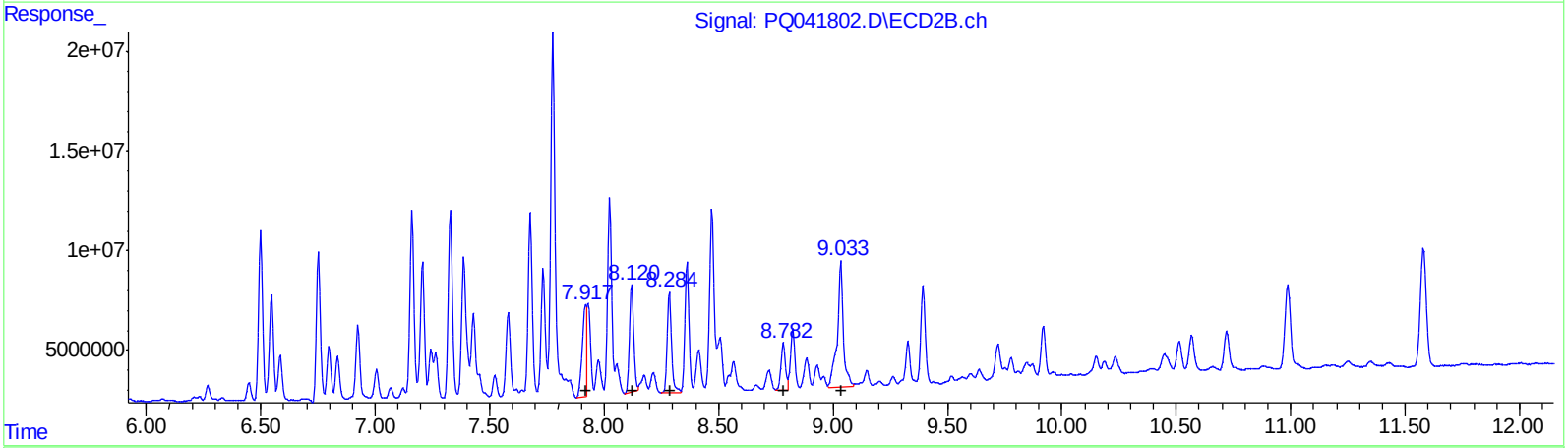
**Instrument :**
ECD_Q
**ClientSampleId :**
BENR9DL

**Manual Integrations APPROVED**
Ankita
7/31/2019 3:44:42 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 00:58:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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

(31) AR-1260-1 (L7)

| R.T. | Response | Conc |
|---|---|---|
| 8.91 | 56099114 | 315.37 |
| 9.18 | 64550469 | 255.87 |
| 9.55 | 38036783 | 166.00 |
| 9.79 | 81092503 | 317.58 |
| 10.14 | 87318027 | 129.63 |

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

| R.T. | Response | Conc |
|---|---|---|
| 7.92 | 59849945 | 329.88 |
| 8.12 | 69296187 | 282.45 |
| 8.28 | 66093538 | 310.62 |
| 8.78 | 31600411 | 156.21 |
| 9.03 | 116775581 | 197.86 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

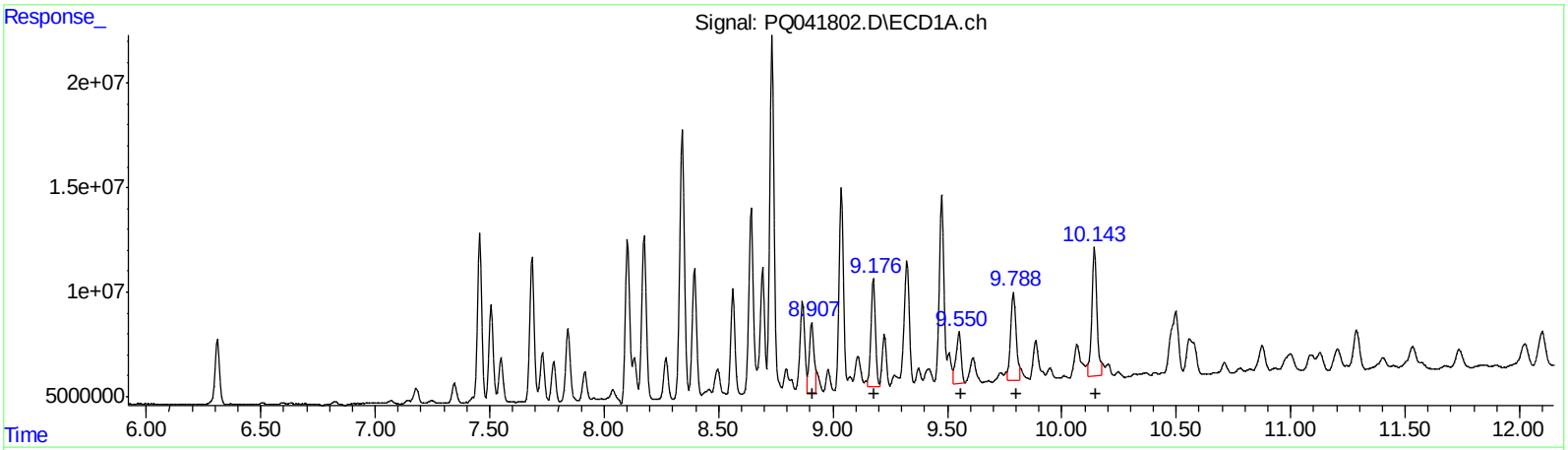
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041802.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 30 Jul 2019  09:41
Operator : SM\AJ
Sample : K3850-12DL 5X
Misc :
ALS Vial : 8  Sample Multiplier: 1

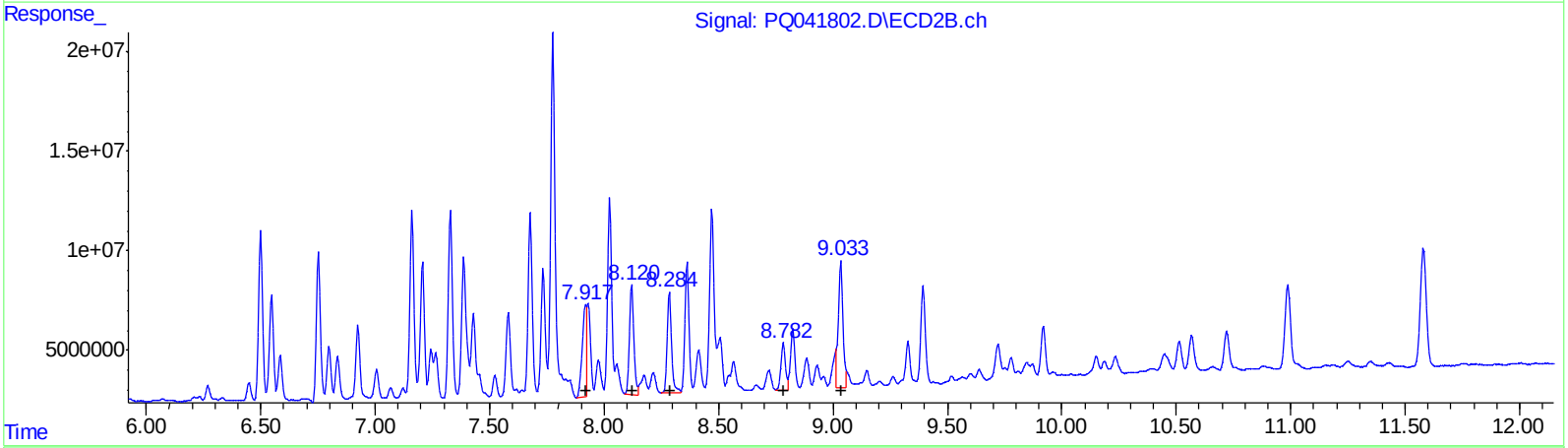
**Instrument :**
ECD_Q
**ClientSampleId :**
BENR9DL

**Manual Integrations APPROVED**
Ankita
7/31/2019 3:44:42 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 00:58:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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

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

| R.T. | Response | Conc |
|---|---|---|
| 8.91 | 47991841 | 269.79 |
| 9.18 | 70231226 | 278.39 |
| 9.55 | 38036783 | 166.00 |
| 9.79 | 70835770 | 277.41 |
| 10.14 | 93992540 | 139.54 |

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

| R.T. | Response | Conc |
|---|---|---|
| 7.92 | 59849945 | 329.88 |
| 8.12 | 73380602 | 299.10 |
| 8.28 | 66093538 | 310.62 |
| 8.78 | 31600411 | 156.21 |
| 9.03 | 87280982 | 147.88 |

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073019\
Data File : PQ041802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2019 09:41
Operator : SM\AJ
Sample : K3850-12DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** ECD_Q
**ClientSampleId :** BENR9DL

**Manual Integrations APPROVED**
Ankita
7/31/2019 3:44:42 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 00:58:37 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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... | 5.697 | 4.756 | 5879921 | 5489859 | 2.564m | 2.849 |
| 2) | SA | Decachlor... | 12.099 | 10.512 | 33590182 | 19527934 | 3.984m | 4.037m |
| | Target Compounds | | | | | | | |
| 26) | L6 | AR-1254-1 | 8.102 | 7.160 | 105.7E6 | 119.9E6 | 759.558 | 655.731 |
| 27) | L6 | AR-1254-2 | 8.341 | 7.328 | 183.1E6 | 122.0E6 | 799.790 | 753.503 |
| 28) | L6 | AR-1254-3 | 8.734 | 7.775 | 228.3E6 | 240.0E6 | 835.022 | 831.993m |
| 29) | L6 | AR-1254-4 | 9.036 | 8.024 | 126.8E6 | 123.8E6 | 515.156 | 570.397 |
| 30) | L6 | AR-1254-5 | 9.475 | 8.471 | 127.6E6 | 128.6E6 | 471.183 | 427.684 |
| 31) | L7 | AR-1260-1 | 8.907 | 7.918 | 47991841 | 59849945 | 269.791m | 329.880 |
| 32) | L7 | AR-1260-2 | 9.176 | 8.120 | 70231226 | 73380602 | 278.391m | 299.103m |
| 33) | L7 | AR-1260-3 | 9.551 | 8.285 | 38036783 | 66093538 | 166.002 | 310.623 # |
| 34) | L7 | AR-1260-4 | 9.788 | 8.783 | 70835770 | 31600411 | 277.415m | 156.214 # |
| 35) | L7 | AR-1260-5 | 10.143 | 9.033 | 93992540 | 87280982 | 139.539m | 147.884m |

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

AJ
07/31/19