Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
Data File : PQ042761.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 22 Aug 2019  22:53
Operator : SM\AJ
Sample : K4482-20
Misc :
ALS Vial : 38  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 05:22:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 2019
Response via : Initial Calibration
Integrator: ChemStation

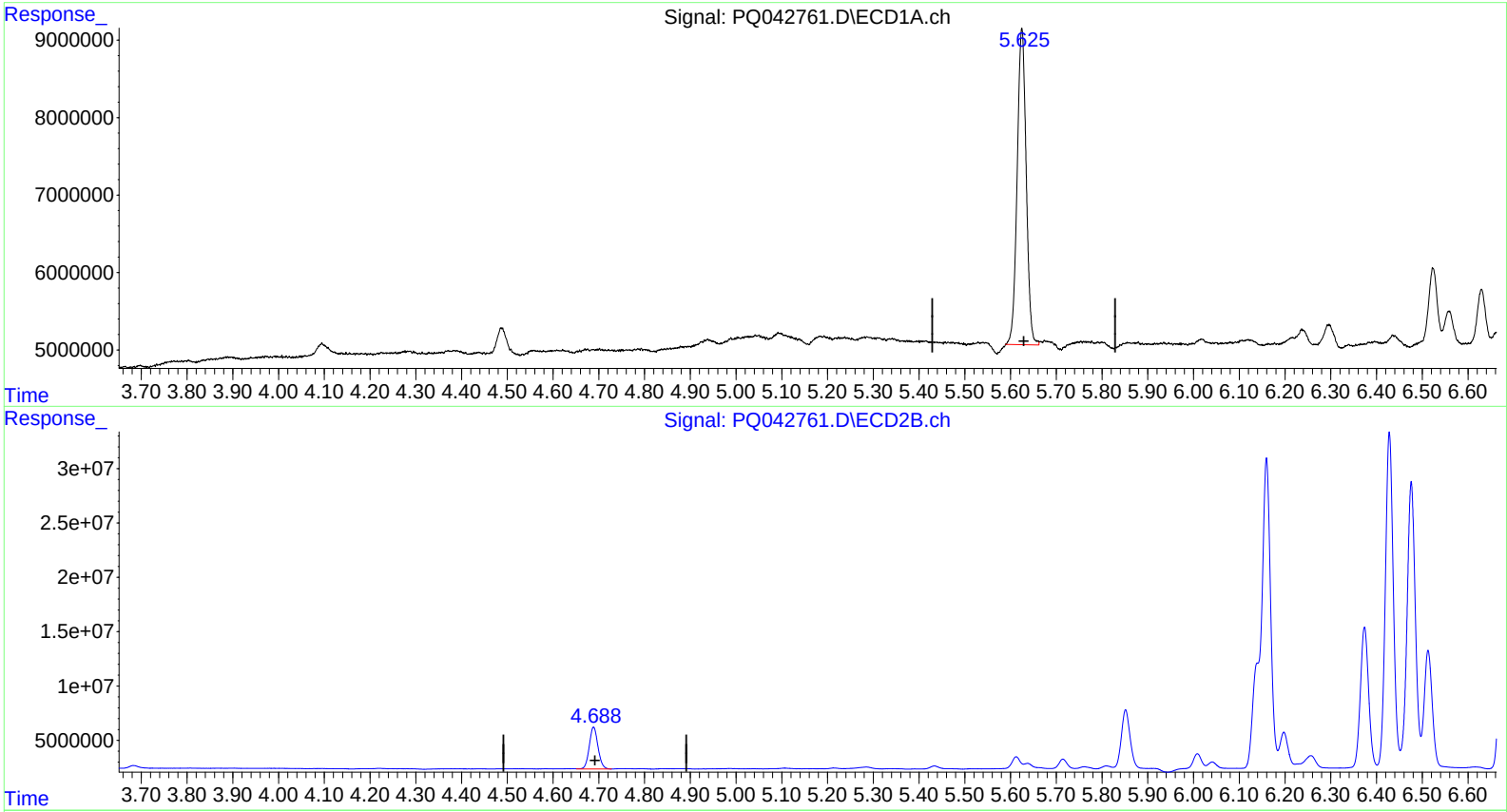
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1  Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

**Instrument :**
ECD_Q
**ClientSampleId :**
ETQ58

**Manual Integrations APPROVED**

Ankita

8/23/2019 1:18:25 PM




QEdit

(1) Tetrachloro-m-xylene (SA)

5.625min 18.787 ng/ml m

response 55767077

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

4.689min 20.330 ng/ml

response 50948665

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
Data File : PQ042761.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 22 Aug 2019  22:53
Operator : SM\AJ
Sample : K4482-20
Misc :
ALS Vial : 38  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 31 14:02:01 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 2019
Response via : Initial Calibration
Integrator: ChemStation

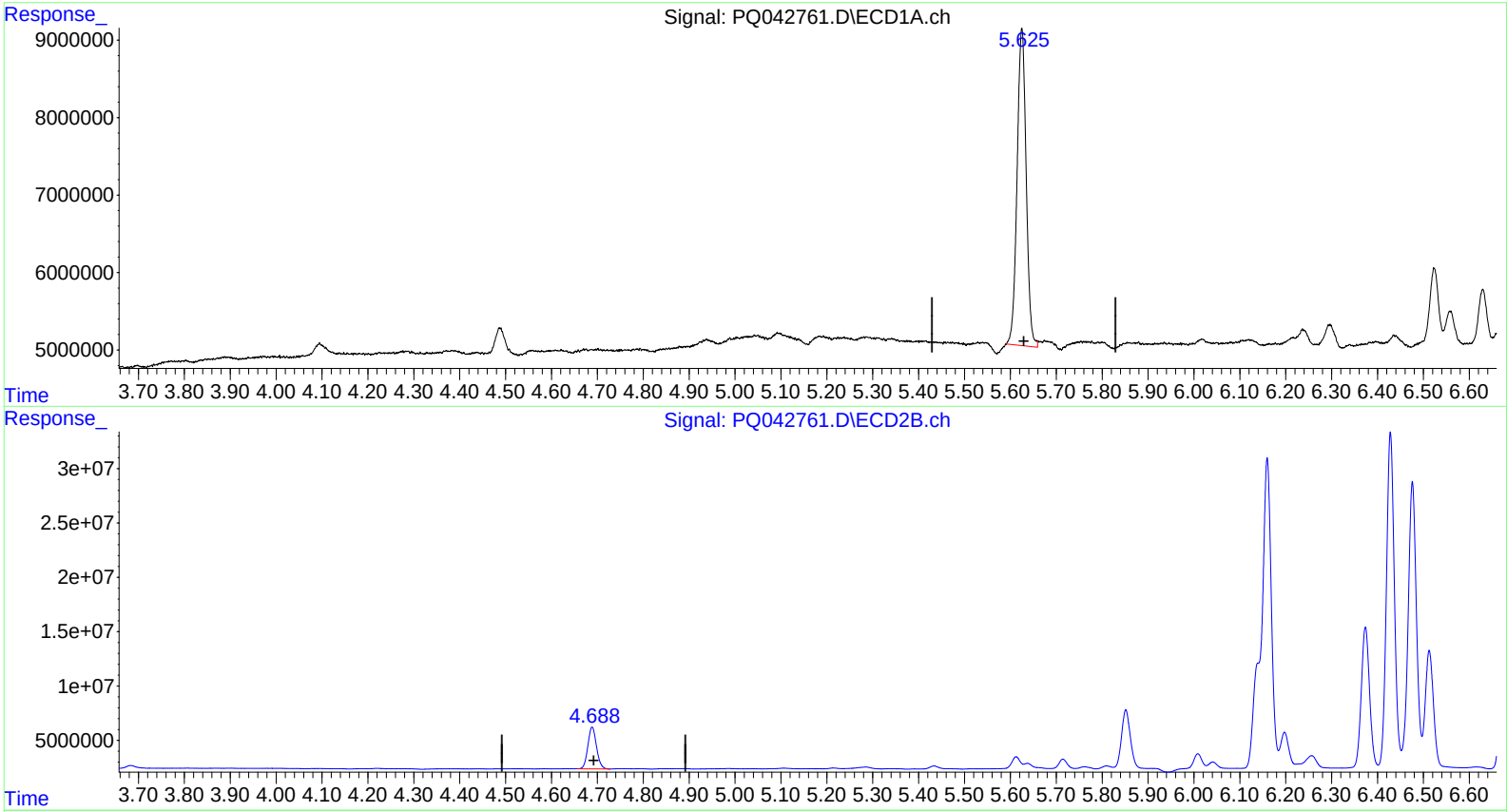
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1  Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

**Instrument :**
ECD_Q
**ClientSampleId :**
ETQ58

**Manual Integrations APPROVED**

Ankita

8/23/2019 1:18:25 PM




QEdit

(1) Tetrachloro-m-xylene (SA)

5.625min 18.908 ng/ml

response 56126353

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

4.689min 20.216 ng/ml

response 50665042

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
Data File : PQ042761.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 22 Aug 2019  22:53
Operator  : SM\AJ
Sample  : K4482-20
Misc  :
ALS Vial  : 38  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 31 14:02:01 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 2019
Response via : Initial Calibration
Integrator: ChemStation

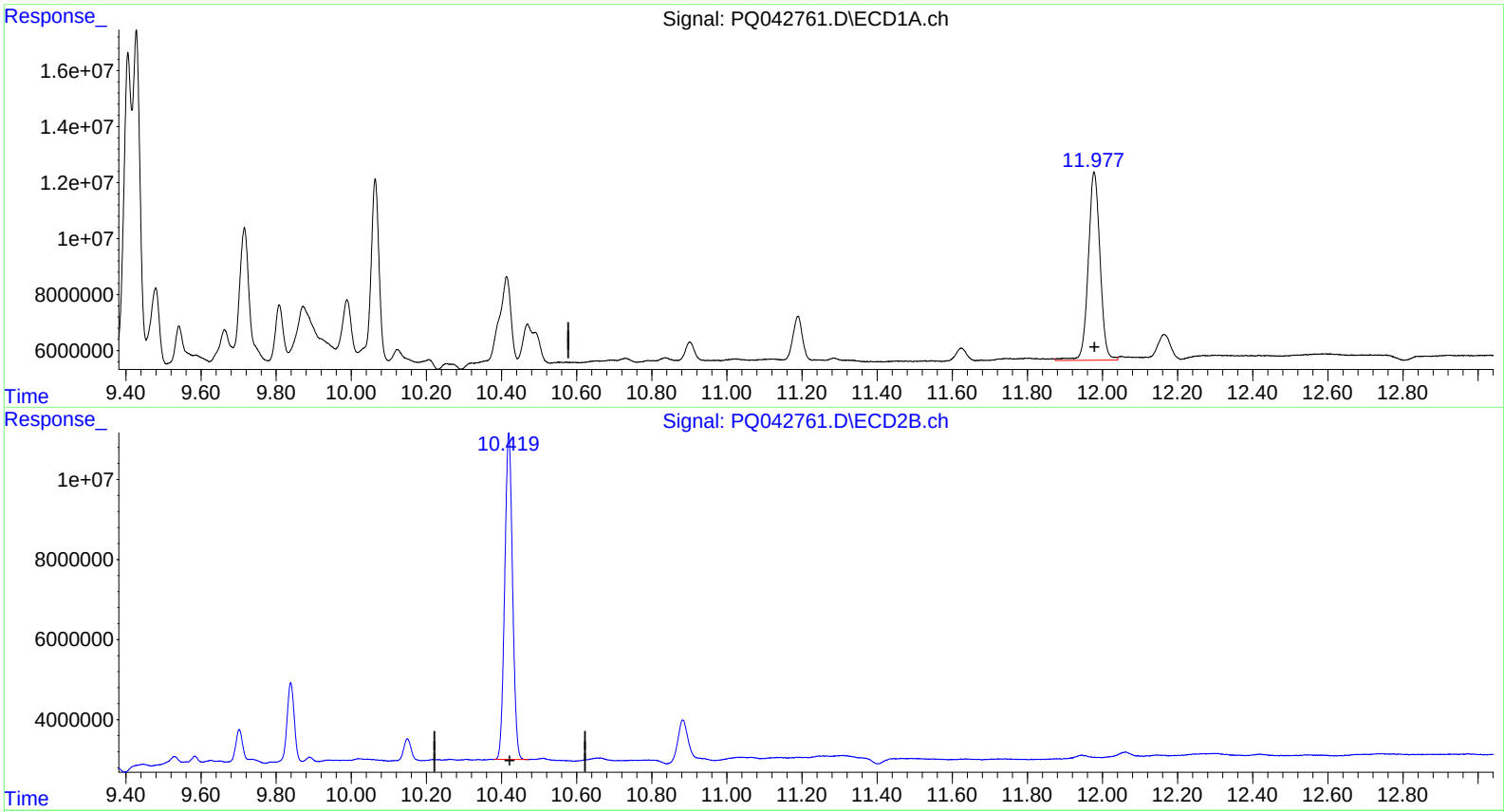
Volume Inj.  : 1 µl
Signal #1 Phase : ZB MR1  Signal #2 Phase: ZB MR2
Signal #1 Info  : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

**Instrument :**
ECD_Q
**ClientSampleId :**
ETQ58

**Manual Integrations APPROVED**

Ankita

8/23/2019 1:18:25 PM




QEdit

(2) Decachlorobiphenyl (SA)

11.978min  19.431 ng/ml

response  146675592

(2) Decachlorobiphenyl #2 (SA)

10.419min  19.289 ng/ml

response  117787555

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
Data File : PQ042761.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 22 Aug 2019  22:53
Operator : SM\AJ
Sample : K4482-20
Misc :
ALS Vial : 38  Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
ETQ58

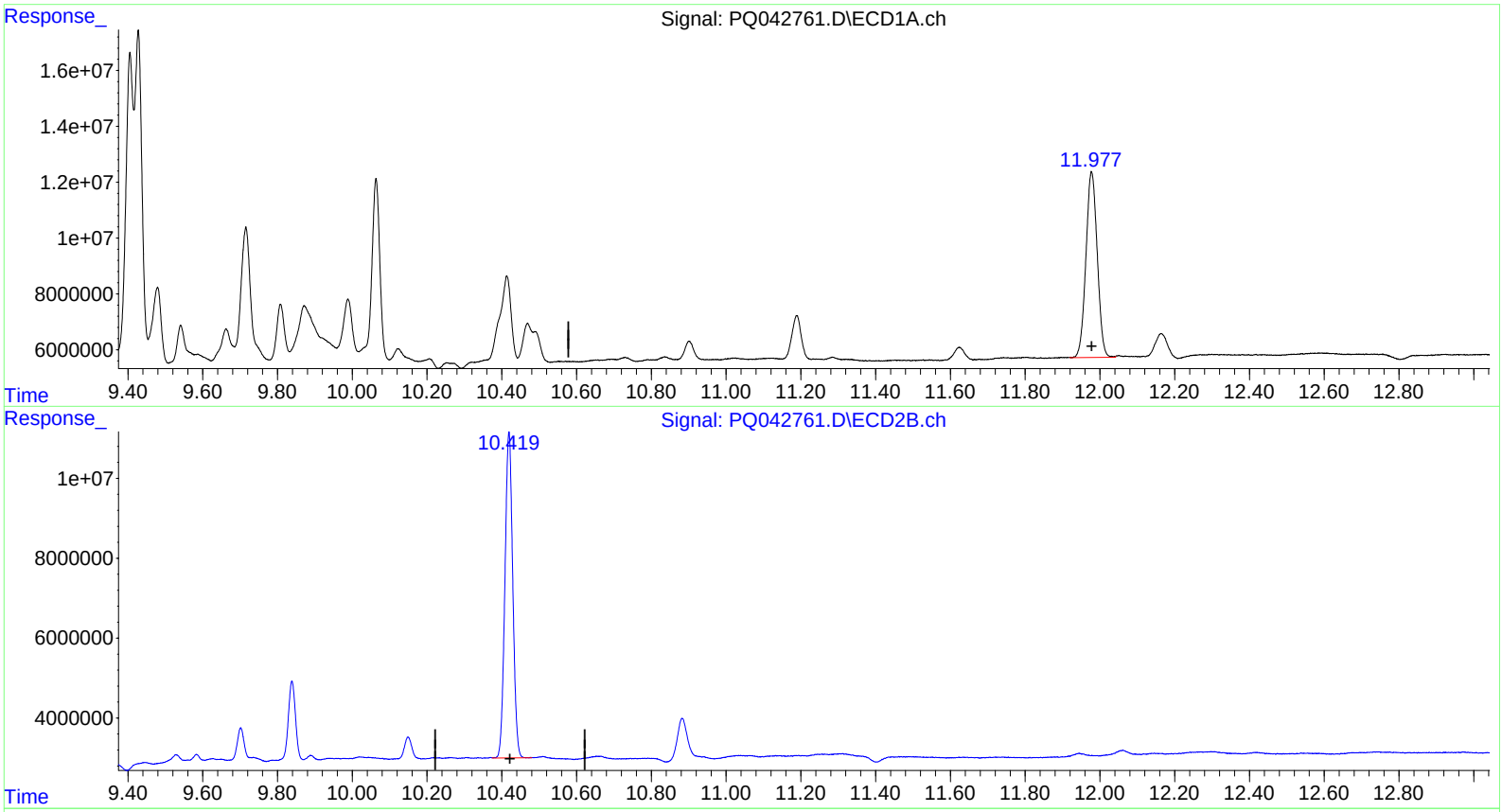
**Manual Integrations APPROVED**

Ankita

8/23/2019 1:18:25 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 05:22:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 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)
11.977min 18.507 ng/ml m
response 139703995

(2) Decachlorobiphenyl #2 (SA)
10.419min 19.344 ng/ml
response 118123576

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
Data File : PQ042761.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 22 Aug 2019  22:53
Operator : SM\AJ
Sample : K4482-20
Misc :
ALS Vial : 38  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 31 14:02:01 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 2019
Response via : Initial Calibration
Integrator: ChemStation

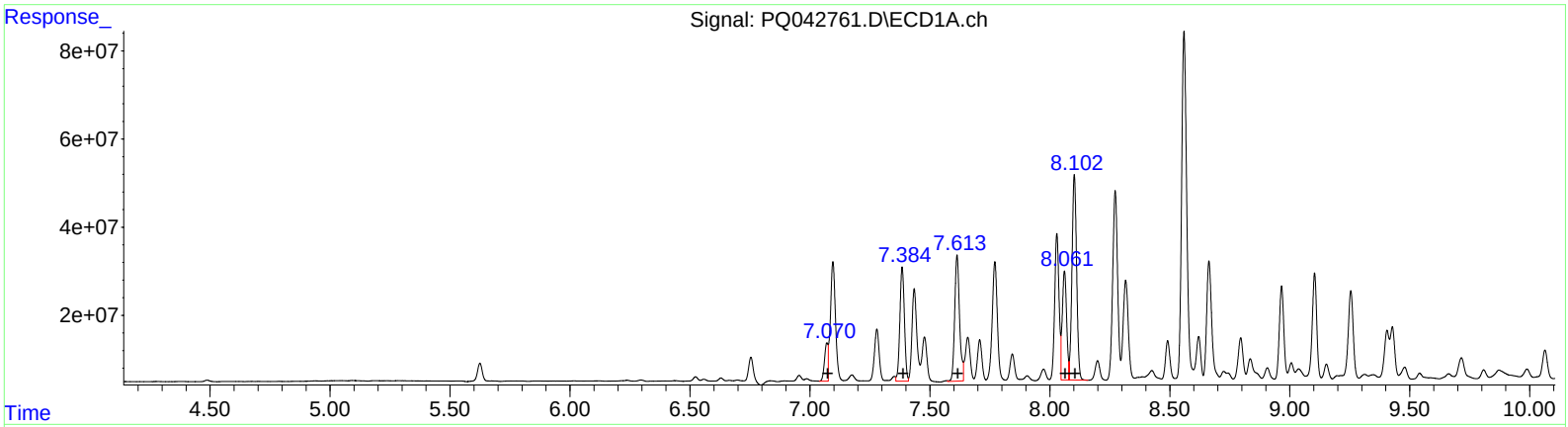
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1  Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

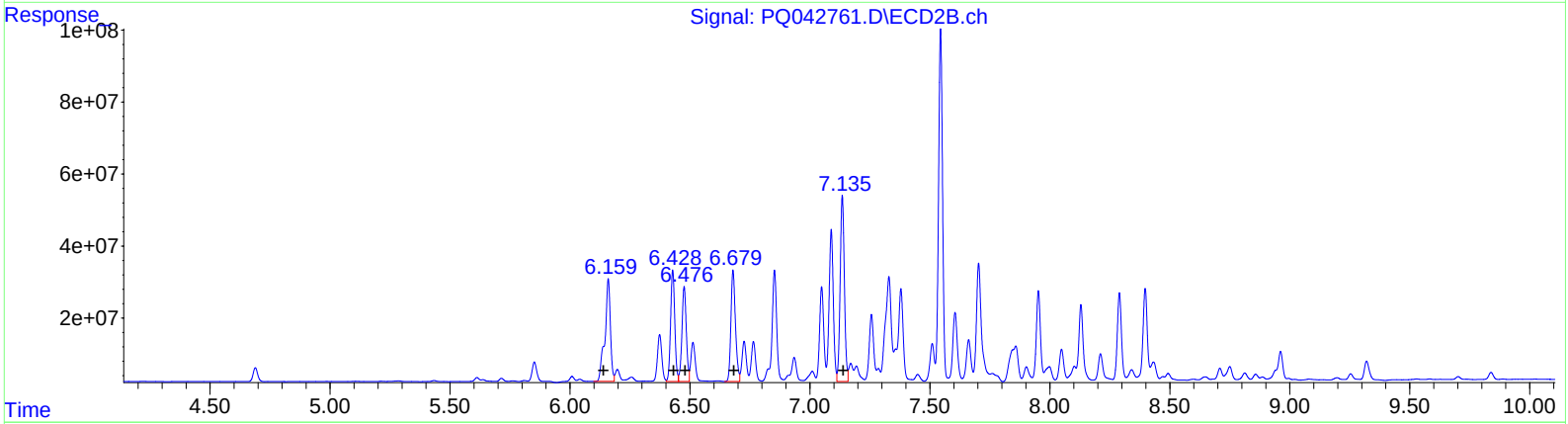
**Instrument :**
ECD_Q
**ClientSampleId :**
ETQ58

**Manual Integrations APPROVED**

Ankita

8/23/2019 1:18:25 PM




QEdit

(21) AR-1248-1 (L5)

| R.T. | Response | Conc |
|---|---|---|
| 7.07 | 87560037 | 1050.18 |
| 7.38 | 341059521 | 3339.45 |
| 7.61 | 402978174 | 3175.58 |
| 8.06 | 313885856 | 1893.46 |
| 8.10 | 625144065 | 3926.54 |

(21) AR-1248-1 #2 (L5)

| R.T. | Response | Conc |
|---|---|---|
| 6.16 | 455639565 | 5543.02 |
| 6.43 | 374291093 | 3397.59 |
| 6.48 | 332626809 | 2951.54 |
| 6.68 | 407524044 | 2982.98 |
| 7.14 | 630181968 | 4003.07 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

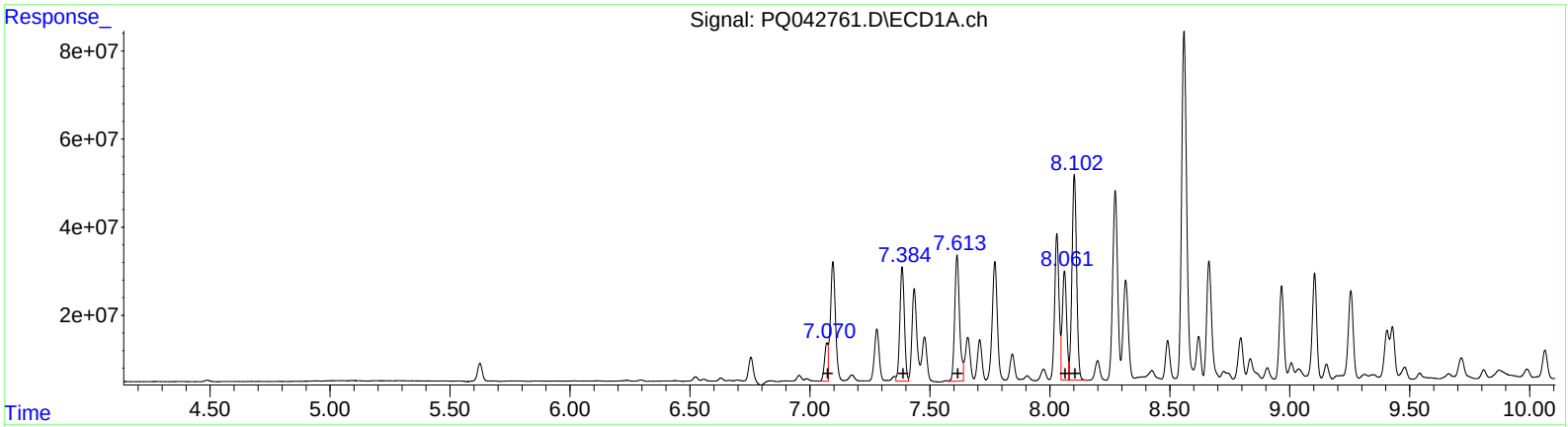
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
Data File : PQ042761.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 22 Aug 2019  22:53
Operator  : SM\AJ
Sample  : K4482-20
Misc  :
ALS Vial  : 38  Sample Multiplier: 1

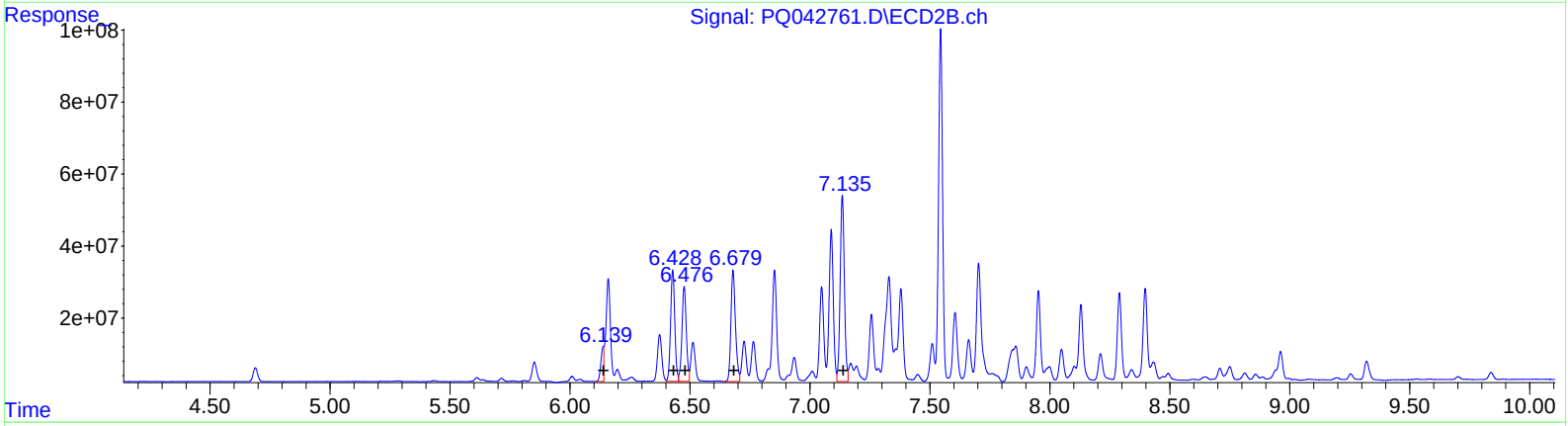
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 05:22:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 2019
Response via : Initial Calibration
Integrator: ChemStation

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

**Instrument :**
ECD_Q
**ClientSampleId :**
ETQ58

**Manual Integrations APPROVED**
Ankita
8/23/2019 1:18:25 PM




QEdit

(21) AR-1248-1 (L5)

| R.T. | Response | Conc |
|---|---|---|
| 7.07 | 87560037 | 1050.18 |
| 7.38 | 341059521 | 3339.45 |
| 7.61 | 402978174 | 3175.58 |
| 8.06 | 313885856 | 1893.46 |
| 8.10 | 625144065 | 3926.54 |

(21) AR-1248-1 #2 (L5)

| R.T. | Response | Conc |
|---|---|---|
| 6.14 | 80039539 | 973.71 |
| 6.43 | 373415089 | 3389.64 |
| 6.48 | 332019882 | 2946.16 |
| 6.68 | 407524044 | 2982.98 |
| 7.14 | 630181968 | 4003.07 |

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
Data File : PQ042761.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2019 22:53
Operator : SM\AJ
Sample : K4482-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 05:22:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 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... | 5.625 | 4.689 | 55767077 | 50948665 | 18.787m | 20.330 | |
| 2) | SA Decachlor... | 11.977 | 10.419 | 139.7E6 | 118.1E6 | 18.507m | 19.344 | |
| | Target Compounds | | | | | | | |
| 21) | L5 AR-1248-1 | 7.071 | 6.139 | 87560037 | 80039539 | 1050.178 | 973.710m | > |
| 22) | L5 AR-1248-2 | 7.384 | 6.428 | 341.1E6 | 373.4E6 | 3339.452 | 3389.640 | |
| 23) | L5 AR-1248-3 | 7.613 | 6.476 | 403.0E6 | 332.0E6 | 3175.584 | 2946.157 | |
| 24) | L5 AR-1248-4 | 8.061 | 6.680 | 313.9E6 | 407.5E6 | 1893.461 | 2982.983 | # |
| 25) | L5 AR-1248-5 | 8.102 | 7.135 | 625.1E6 | 630.2E6 | 3926.543 | 4003.073 | |

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

AJ
08/31/19

**Instrument :**
ECD_Q
**ClientSampleId :**
ETQ58

**Manual Integrations APPROVED**
Ankita
8/23/2019 1:18:25 PM