Quantitation Report (Qedit)

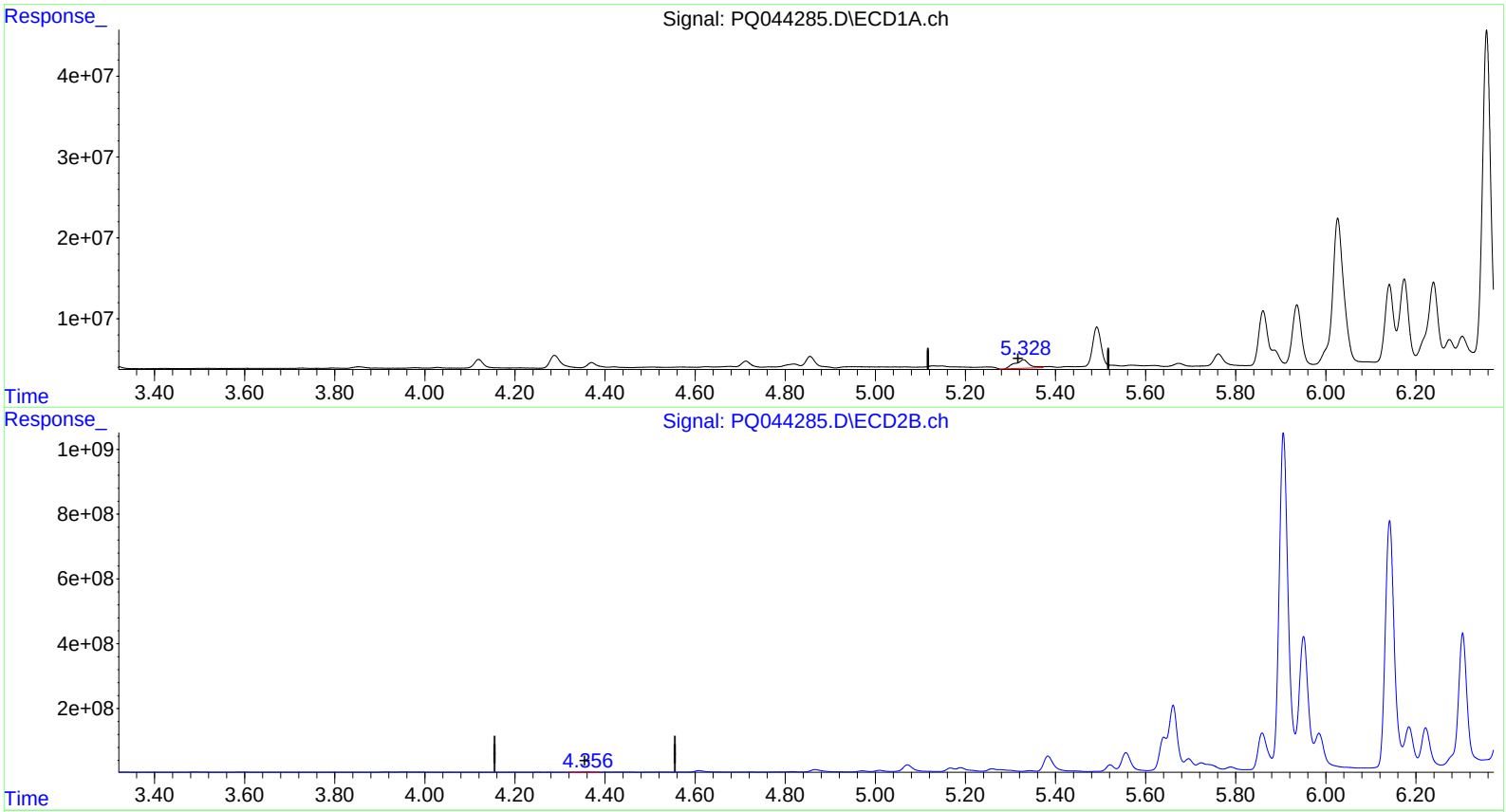
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101119\
Data File : PQ044285.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 12 Oct 2019  12:55
Operator : HP\AJ
Sample : K5343-02MS 10X
Misc :
ALS Vial : 44  Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
C0AY3MS

**Manual Integrations APPROVED**
Ankita
10/17/2019 8:08:28 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:25:35 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 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)

5.329min 5.943 ng/ml

response 23104758

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

4.358min 2.543 ng/ml

response 11352194

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101119\
Data File : PQ044285.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 12 Oct 2019  12:55
Operator : HP\AJ
Sample : K5343-02MS 10X
Misc :
ALS Vial : 44  Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
C0AY3MS

**Manual Integrations APPROVED**
Ankita
10/17/2019 8:08:28 AM

Integration File signal 1: autoint1.e
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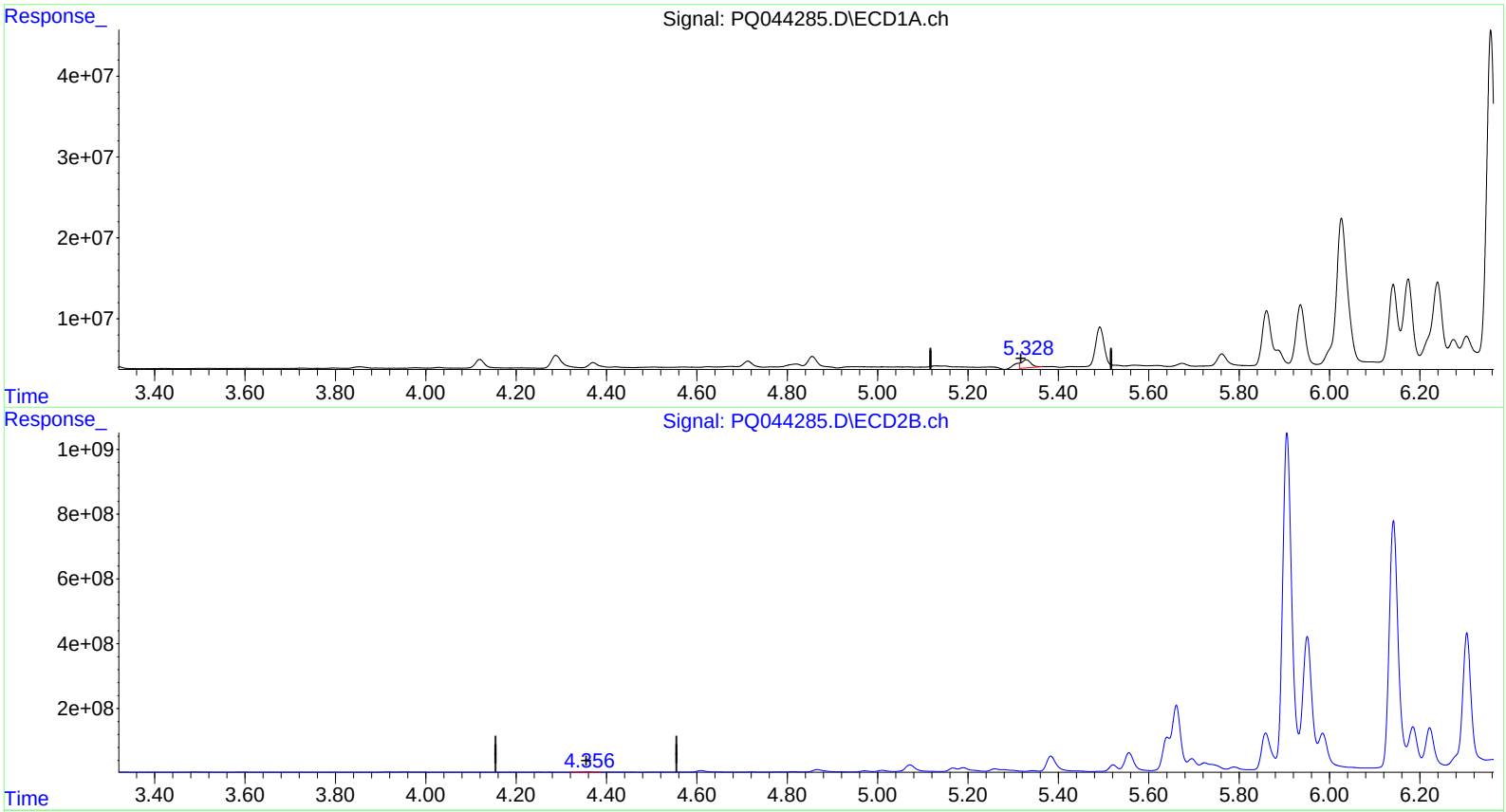
Quant Time: Oct 14 01:25:35 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 2019
Response via : Initial Calibration
Integrator: ChemStation

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)

5.328min 3.744 ng/ml m

response 14554643

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

4.358min 2.543 ng/ml

response 11352194

(+) = Expected Retention Time

Quantitation Report (Qedit)

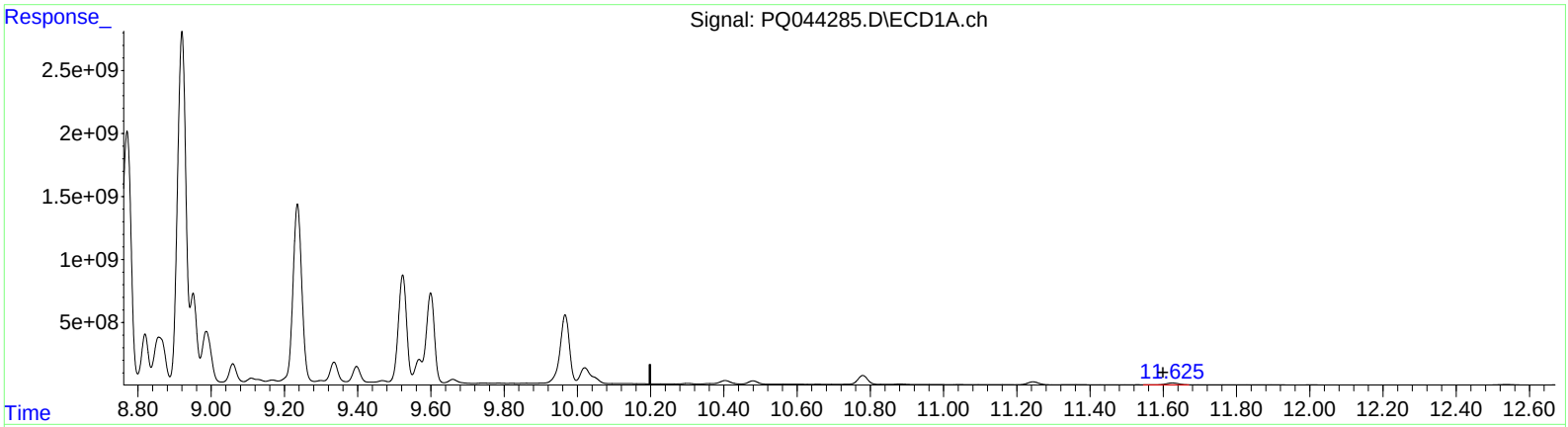
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101119\
Data File : PQ044285.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 12 Oct 2019  12:55
Operator : HP\AJ
Sample : K5343-02MS 10X
Misc :
ALS Vial : 44  Sample Multiplier: 1

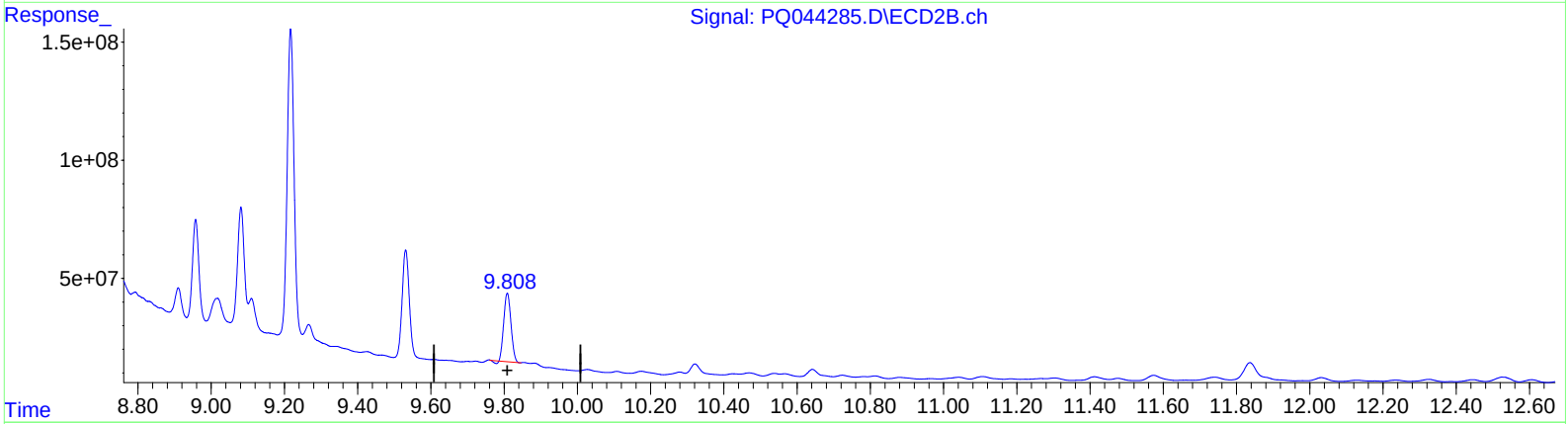
**Instrument :**
ECD_Q
**ClientSampleId :**
C0AY3MS

**Manual Integrations APPROVED**
Ankita
10/17/2019 8:08:28 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:25:35 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 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)
11.625min 59.581 ng/ml
response 319205050

(2) Decachlorobiphenyl #2 (SA)
9.809min 65.637 ng/ml
response 392603376

(+) = Expected Retention Time

Quantitation Report (Qedit)

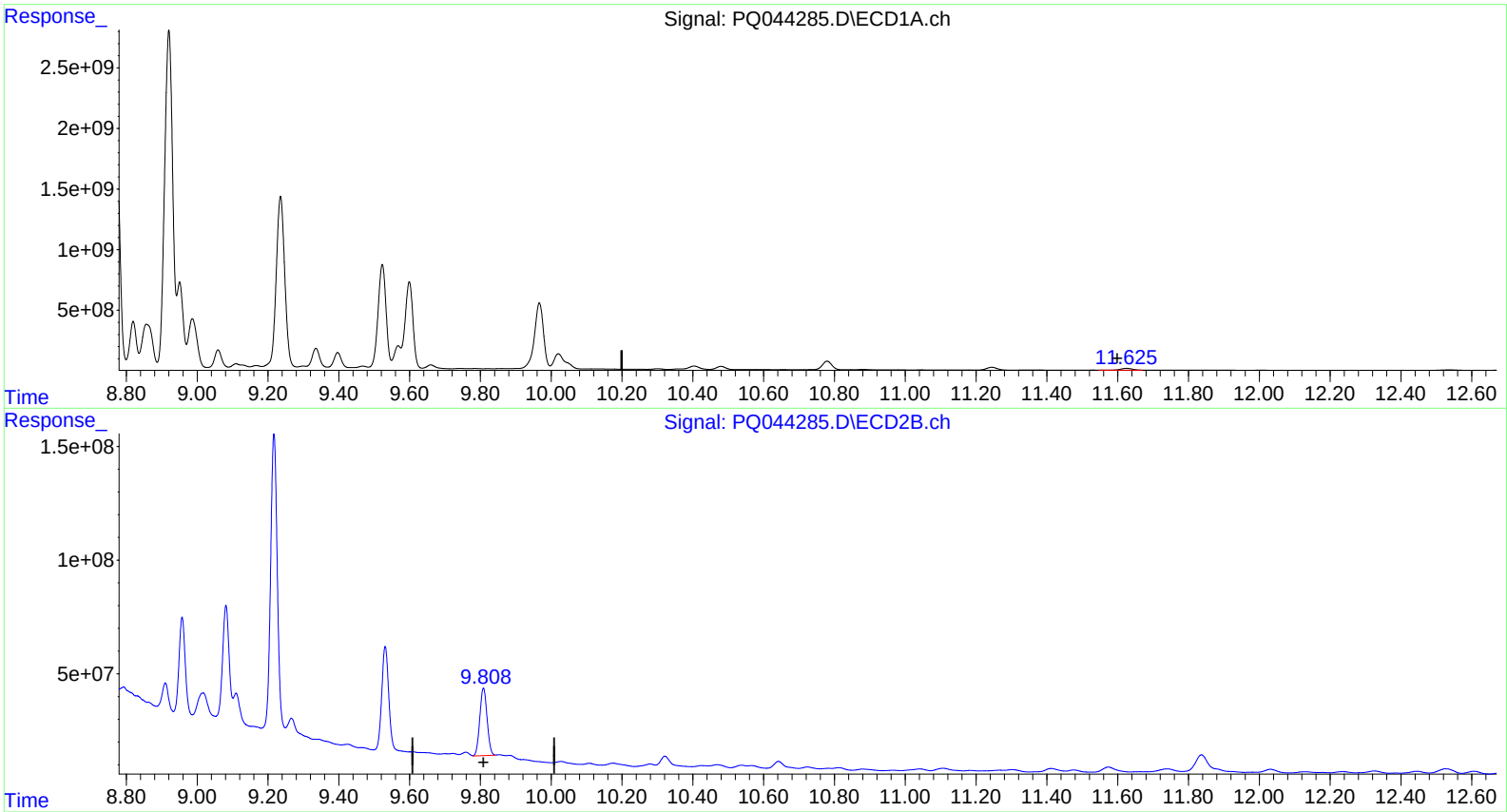
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101119\
Data File : PQ044285.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 12 Oct 2019  12:55
Operator : HP\AJ
Sample : K5343-02MS 10X
Misc :
ALS Vial : 44  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:25:35 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 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 :**
C0AY3MS

**Manual Integrations APPROVED**
Ankita
10/17/2019 8:08:28 AM




QEdit

(2) Decachlorobiphenyl (SA)

11.625min 59.581 ng/ml

response 319205050

(2) Decachlorobiphenyl #2 (SA)

9.808min 70.745 ng/ml m

response 423156081

(+) = Expected Retention Time

Quantitation Report (Qedit)

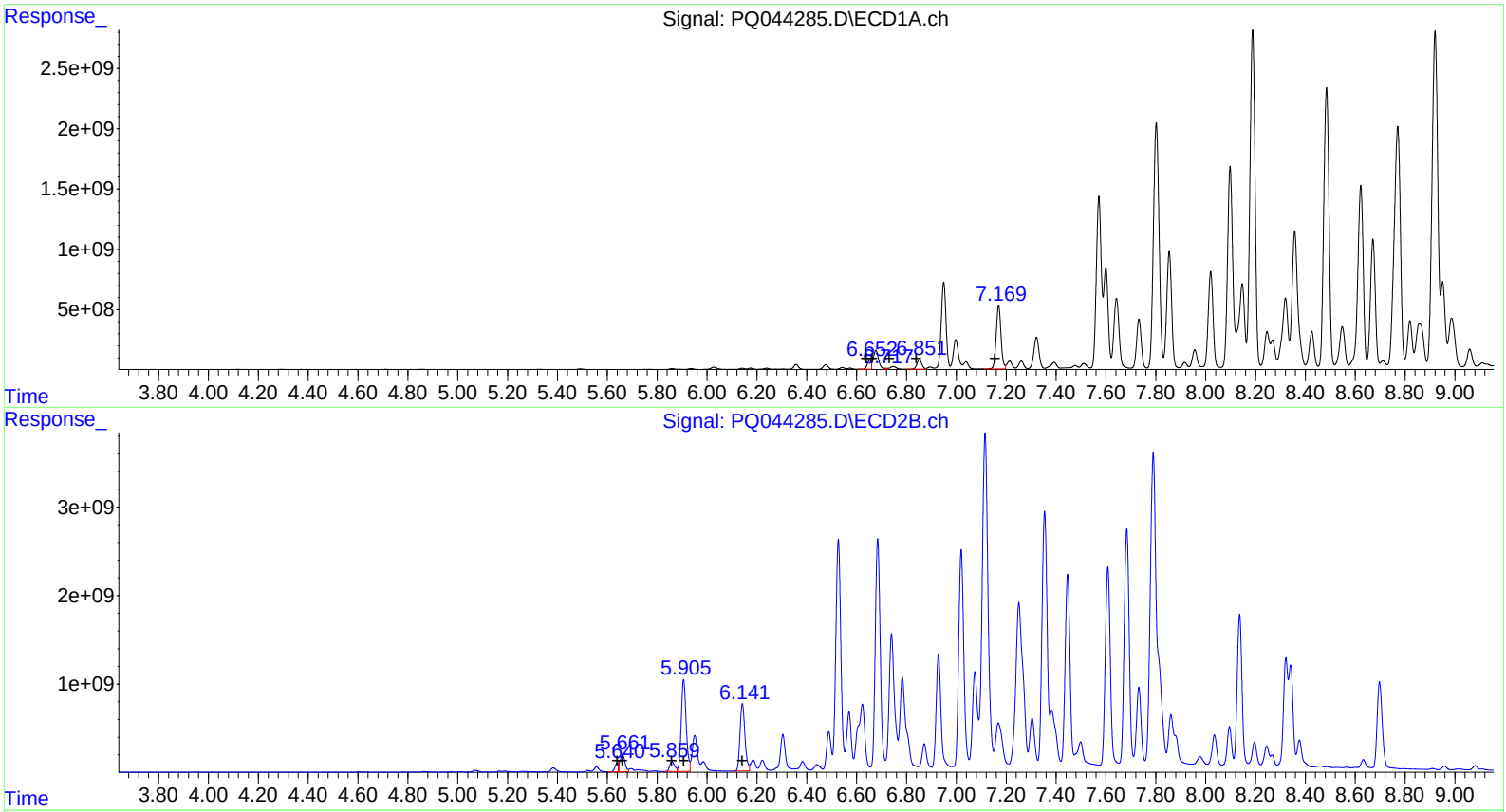
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101119\
Data File : PQ044285.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 12 Oct 2019  12:55
Operator : HP\AJ
Sample : K5343-02MS 10X
Misc :
ALS Vial : 44  Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
C0AY3MS

**Manual Integrations APPROVED**
Ankita
10/17/2019 8:08:28 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:25:35 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 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

(3) AR-1016-1 (L1)

| R.T. | Response | Conc |
|---|---|---|
| 6.65 | 819997222 | 7225.53 |
| 6.65 | 819997222 | 5082.73 |
| 6.72 | 72130454 | 708.65 |
| 6.85 | 1068987142 | 12937.37 |
| 7.17 | 7042053133 | 93104.79 |

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

| R.T. | Response | Conc |
|---|---|---|
| 5.64 | 954302977 | 6956.93 |
| 5.66 | 2744724264 | 12395.49 |
| 5.86 | 1594066270 | 15275.19 |
| 5.91 | 14274791944 | 152746.43 |
| 6.14 | 10495768726 | 85833.99 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

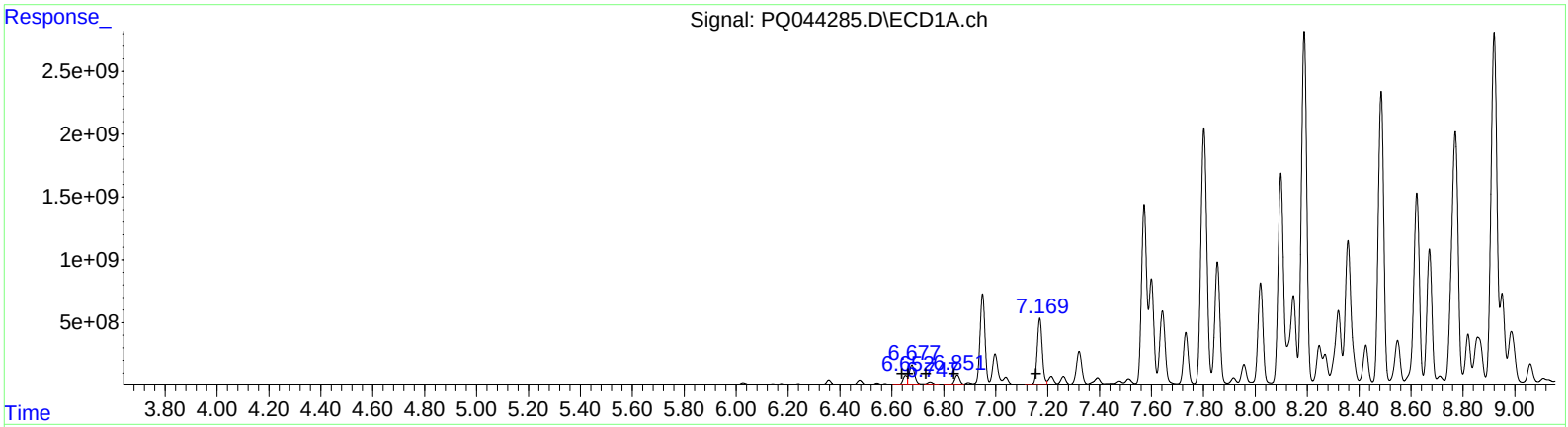
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101119\
Data File : PQ044285.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 12 Oct 2019  12:55
Operator : HP\AJ
Sample : K5343-02MS 10X
Misc :
ALS Vial : 44  Sample Multiplier: 1

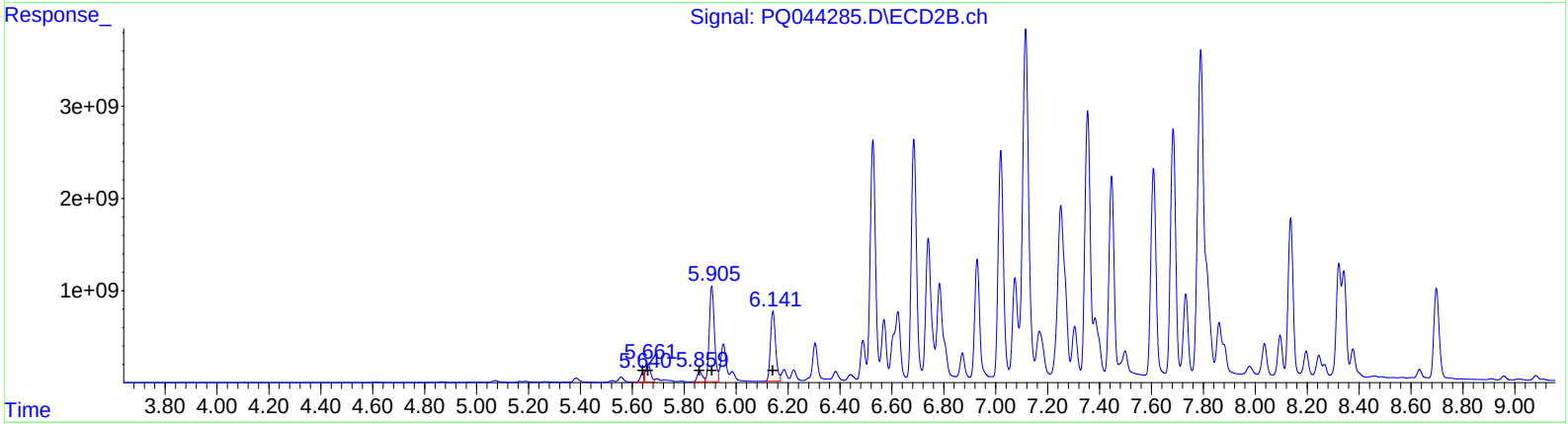
**Instrument :**
ECD_Q
**ClientSampleId :**
C0AY3MS

**Manual Integrations APPROVED**
Ankita
10/17/2019 8:08:28 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:25:35 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 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

(3) AR-1016-1 (L1)

| R.T. | Response | Conc |
|---|---|---|
| 6.65 | 819997222 | 7225.53 |
| 6.68 | 2302469499 | 14271.80 |
| 6.75 | 355731124 | 3494.89 |
| 6.85 | 1068987142 | 12937.37 |
| 7.17 | 7042053133 | 93104.79 |

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

| R.T. | Response | Conc |
|---|---|---|
| 5.64 | 954302977 | 6956.93 |
| 5.66 | 2744724264 | 12395.49 |
| 5.86 | 1594066270 | 15275.19 |
| 5.91 | 14274791944 | 152746.43 |
| 6.14 | 10495768726 | 85833.99 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101119\
Data File : PQ044285.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 12 Oct 2019  12:55
Operator : HP\AJ
Sample : K5343-02MS 10X
Misc :
ALS Vial : 44  Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
C0AY3MS

**Manual Integrations APPROVED**
Ankita
10/17/2019 8:08:28 AM

Integration File signal 1: autoint1.e
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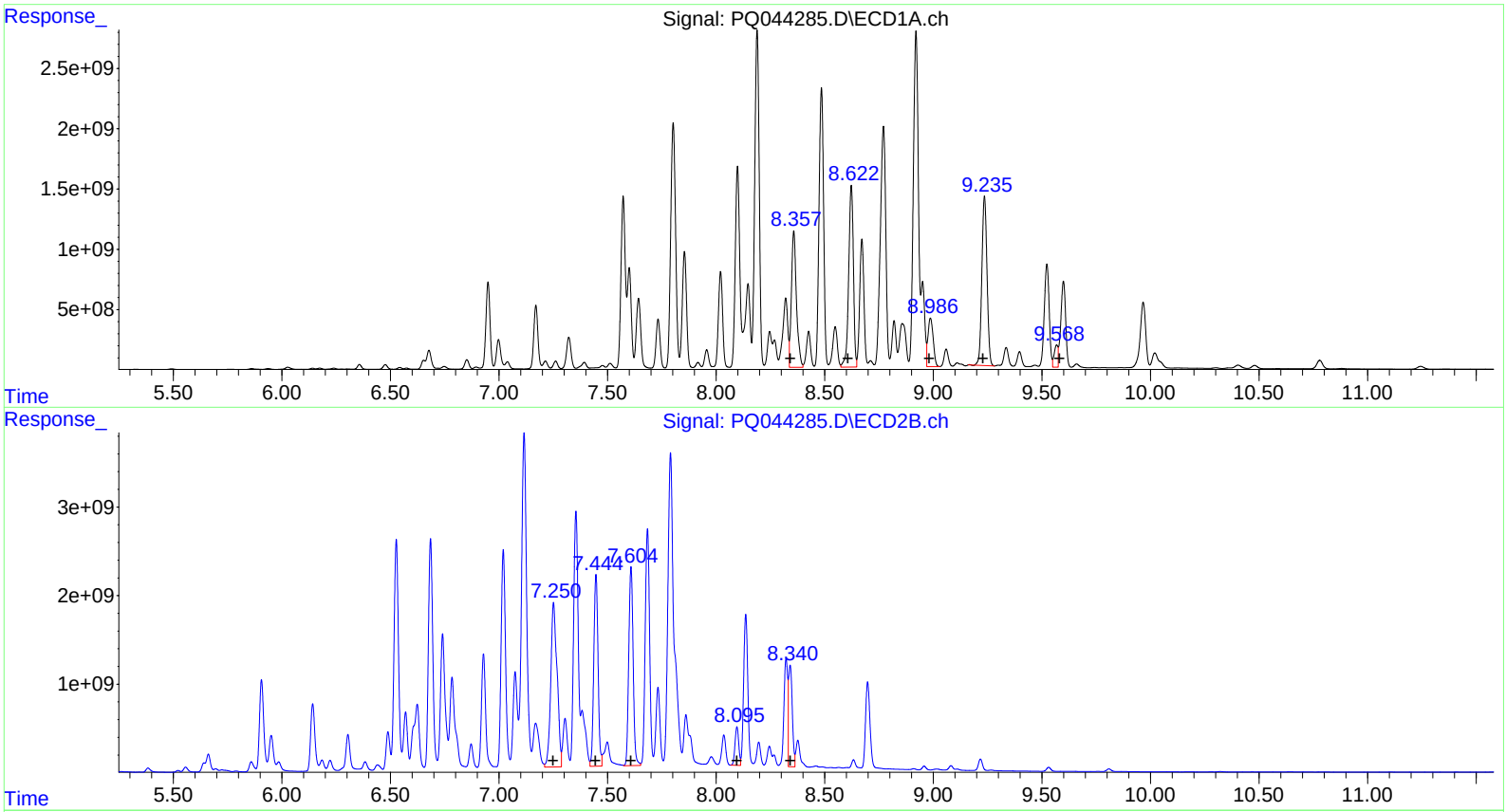
Quant Time: Oct 14 01:25:35 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 2019
Response via : Initial Calibration
Integrator: ChemStation

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 |
|---|---|---|
| 8.36 | 18237338100 | 121151.41 |
| 8.62 | 22664883079 | 115160.70 |
| 8.99 | 6706258648 | 41827.23 |
| 9.24 | 23165121499 | 118640.85 |
| 9.57 | 2211087865 | 4836.32 |

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

| R.T. | Response | Conc |
|---|---|---|
| 7.25 | 37499596717 | 154228.69 |
| 7.45 | 29475731002 | 97648.58 |
| 7.61 | 30894477103 | 109780.87 |
| 8.10 | 5172822020 | 20562.07 |
| 8.34 | 13816768657 | 21557.43 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

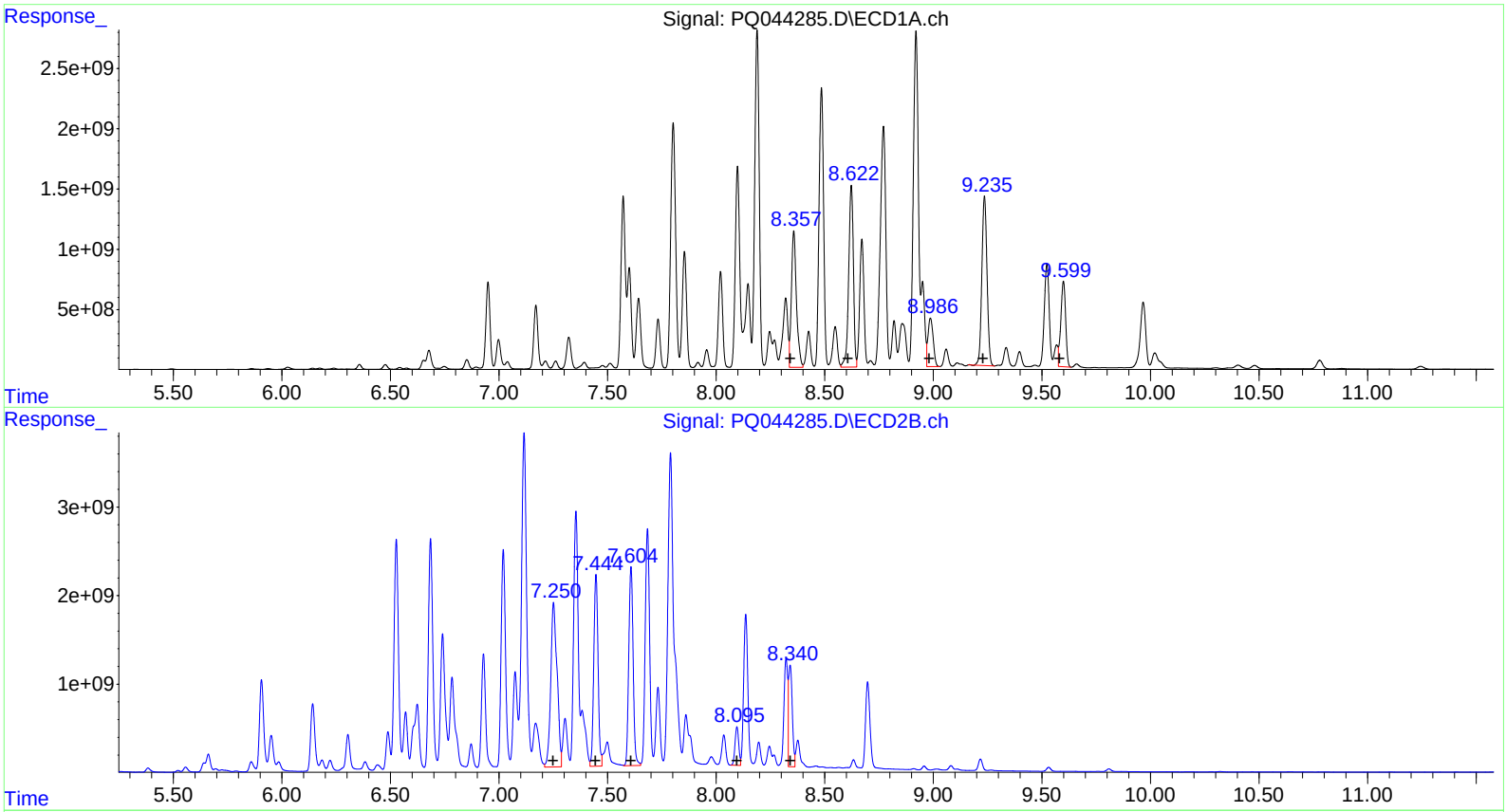
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101119\
Data File : PQ044285.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 12 Oct 2019  12:55
Operator : HP\AJ
Sample : K5343-02MS 10X
Misc :
ALS Vial : 44  Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
C0AY3MS

**Manual Integrations APPROVED**
Ankita
10/17/2019 8:08:28 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:25:35 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 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 |
|---|---|---|
| 8.36 | 18237338100 | 121151.41 |
| 8.62 | 22664883079 | 115160.70 |
| 8.99 | 6706258648 | 41827.23 |
| 9.24 | 23165121499 | 118640.85 |
| 9.60 | 10904234623 | 23850.85 |

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

| R.T. | Response | Conc |
|---|---|---|
| 7.25 | 37499596717 | 154228.69 |
| 7.45 | 29475731002 | 97648.58 |
| 7.61 | 30894477103 | 109780.87 |
| 8.10 | 5172822020 | 20562.07 |
| 8.34 | 13816768657 | 21557.43 |

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101119\
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Operator : HP\AJ
Sample : K5343-02MS 10X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 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... | 5.328 | 4.358 | 14554643 | 11352194 | 3.744m | 2.543 # |
| 2) | SA Decachlor... | 11.625 | 9.808 | 319.2E6 | 423.2E6 | 59.581 | 70.745m |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 6.653 | 5.641 | 820.0E6 | 954.3E6 | 7225.529 | 6956.929 |
| 4) | L1 AR-1016-2 | 6.677 | 5.661 | 2302.5E6 | 2744.7E6 | 14271.804m | 12395.493 |
| 5) | L1 AR-1016-3 | 6.747 | 5.859 | 355.7E6 | 1594.1E6 | 3494.892m | 15275.186 # |
| 6) | L1 AR-1016-4 | 6.852 | 5.906 | 1069.0E6 | 14274.8E6 | 12937.375 | 152746.427 # |
| 7) | L1 AR-1016-5 | 7.170 | 6.142 | 7042.1E6 | 10495.8E6 | 93104.786 | 85833.991 |
| 26) | L6 AR-1254-1 | 7.572 | 6.529 | 19850.7E6 | 34184.1E6 | 147525.418 | 117202.846 |
| 27) | L6 AR-1254-2 | 7.802 | 6.687 | 31934.8E6 | 33773.4E6 | 149489.703 | 129351.031 |
| 28) | L6 AR-1254-3 | 8.192 | 7.122 | 36352.8E6 | 47191.8E6 | 147746.622 | 108013.296 # |
| 29) | L6 AR-1254-4 | 8.485 | 7.358 | 33298.1E6 | 36634.7E6 | 166026.284 | 136378.369 |
| 30) | L6 AR-1254-5 | 8.923 | 7.797 | 40427.5E6 | 56381.9E6 | 168908.963 | 141003.097 |
| 31) | L7 AR-1260-1 | 8.357 | 7.251 | 18237.3E6 | 37499.6E6 | 121151.405 | 154228.689 # |
| 32) | L7 AR-1260-2 | 8.622 | 7.446 | 22664.9E6 | 29475.7E6 | 115160.700 | 97648.584 |
| 33) | L7 AR-1260-3 | 8.987 | 7.608 | 6706.3E6 | 30894.5E6 | 41827.229 | 109780.866 # |
| 34) | L7 AR-1260-4 | 9.236 | 8.096 | 23165.1E6 | 5172.8E6 | 118640.850 | 20562.070 # |
| 35) | L7 AR-1260-5 | 9.599 | 8.341 | 10904.2E6 | 13816.8E6 | 23850.845m | 21557.434 |

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

**Instrument :**
ECD_Q
**ClientSampleId :**
C0AY3MS

**Manual Integrations APPROVED**
Ankita
10/17/2019 8:08:28 AM

AJ
10/15/19