

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081519\  
Data File : PQ042488.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2019 11:40  
Operator : SM\AJ  
Sample : K4242-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

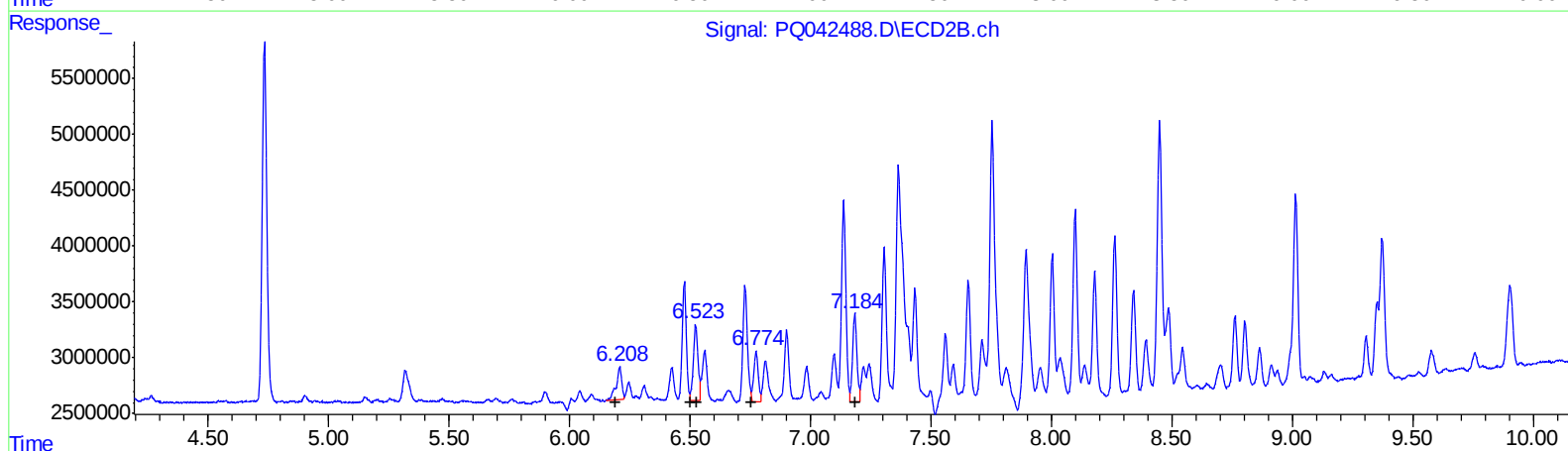
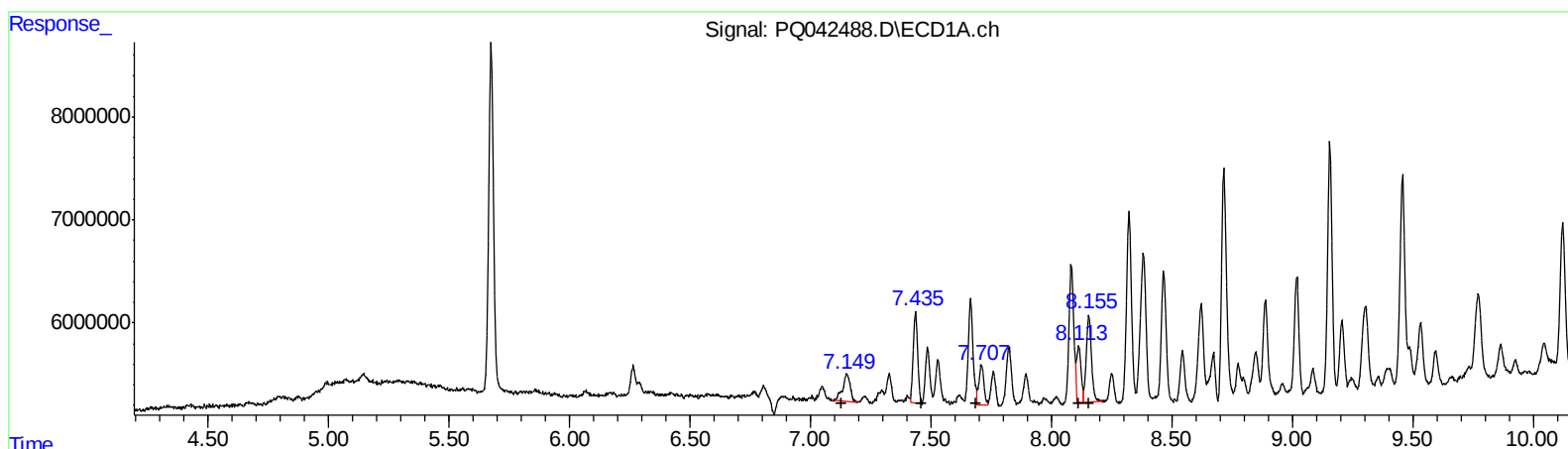
Instrument :  
ECD\_Q  
ClientSampleId :  
C0AF5

Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 08:50:24 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

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 7.15 | 5873067  | 79.22  |
| 7.44 | 11478148 | 124.41 |
| 7.71 | 5570516  | 49.72  |
| 8.11 | 6964147  | 44.54  |
| 8.16 | 12563482 | 83.02  |

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 6.21 | 4500695  | 67.88  |
| 6.52 | 9133662  | 104.76 |
| 6.52 | 9133662  | 102.33 |
| 6.77 | 5860015  | 53.20  |
| 7.18 | 9837029  | 76.75  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081519\  
Data File : PQ042488.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2019 11:40  
Operator : SM\AJ  
Sample : K4242-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

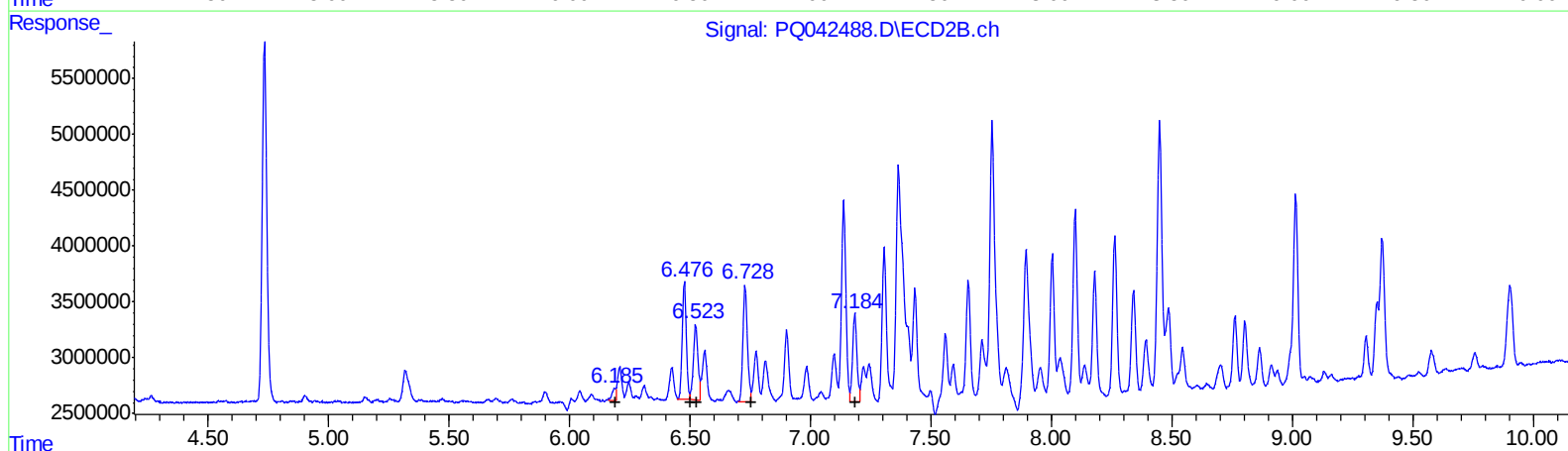
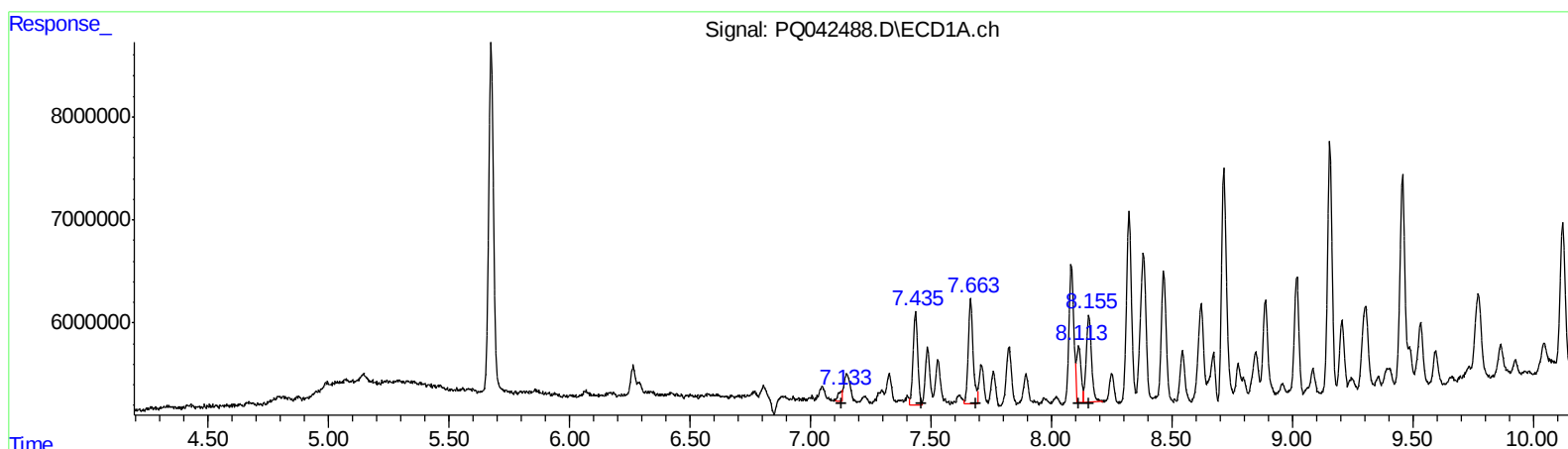
Instrument :  
ECD\_Q  
ClientSampleId :  
C0AF5

Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 08:50:24 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

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 7.13 | 1219034  | 16.44  |
| 7.43 | 11874036 | 128.70 |
| 7.66 | 14110161 | 125.94 |
| 8.11 | 6964147  | 44.54  |
| 8.16 | 12563482 | 83.02  |

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 6.19 | 1066484  | 16.08  |
| 6.48 | 12531161 | 143.73 |
| 6.52 | 8917640  | 99.91  |
| 6.73 | 13608625 | 123.56 |
| 7.18 | 9837029  | 76.75  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081519\  
Data File : PQ042488.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2019 11:40  
Operator : SM\AJ  
Sample : K4242-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

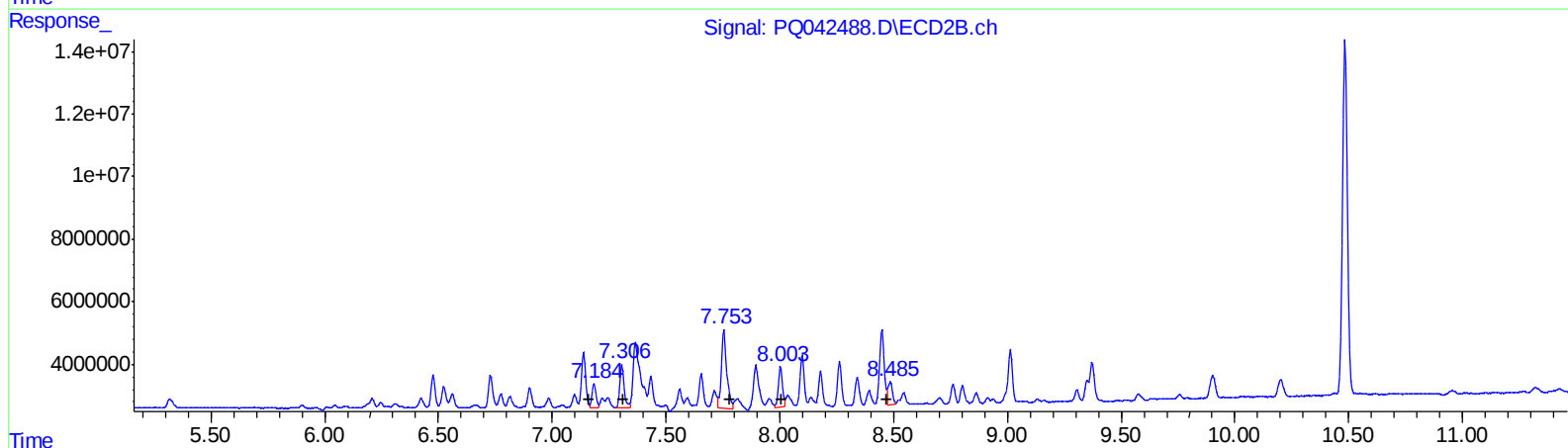
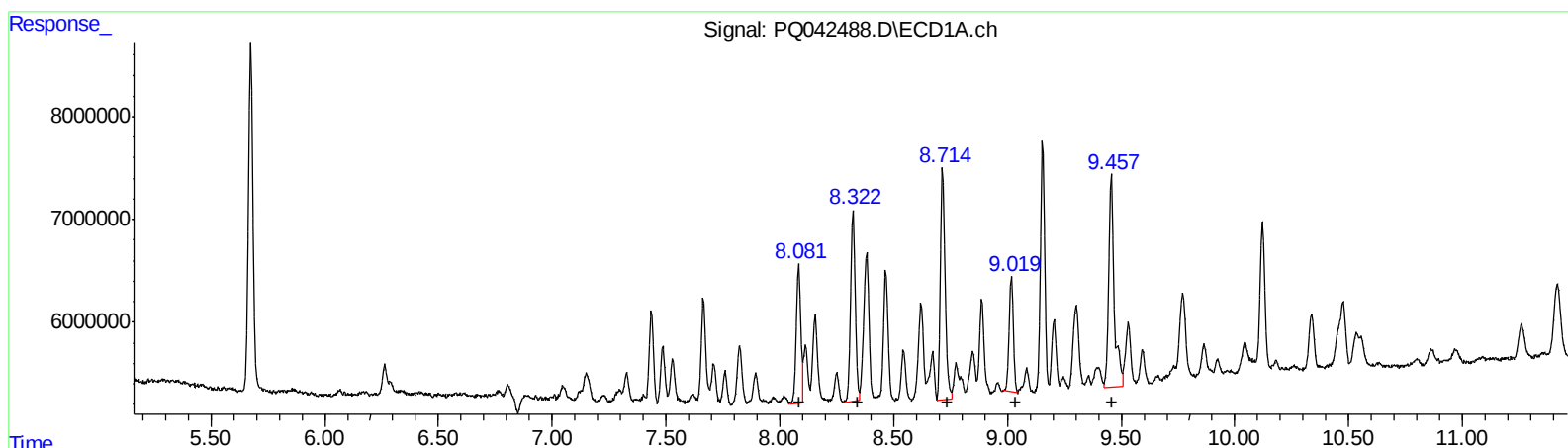
Instrument :  
ECD\_Q  
ClientSampleId :  
C0AF5

Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 08:50:24 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   |
|------|----------|--------|
| 8.08 | 19004635 | 136.61 |
| 8.32 | 26827576 | 117.21 |
| 8.71 | 32311249 | 118.17 |
| 9.02 | 14483473 | 58.83  |
| 9.46 | 34714545 | 128.17 |

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 7.18 | 9837029  | 53.79  |
| 7.31 | 17965643 | 110.99 |
| 7.75 | 40224769 | 139.47 |
| 8.00 | 16187239 | 74.57  |
| 8.49 | 10433710 | 34.69  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081519\  
Data File : PQ042488.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2019 11:40  
Operator : SM\AJ  
Sample : K4242-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

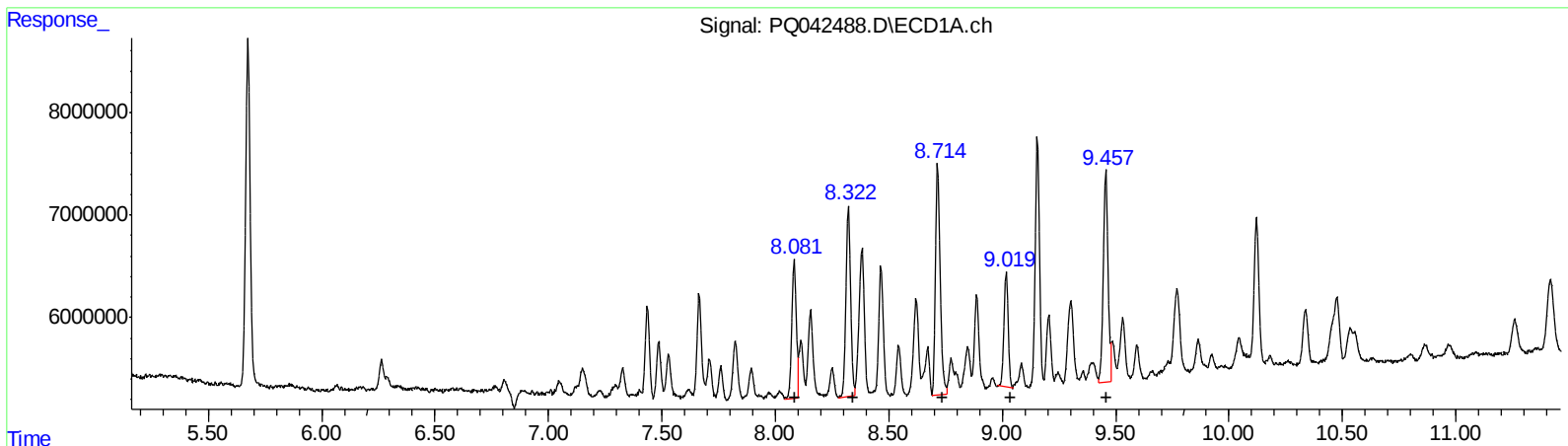
Instrument :  
ECD\_Q  
ClientSampleId :  
C0AF5

Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 08:50:24 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



(26) AR-1254-1 (L6)

| R.T. | Response | Conc   |
|------|----------|--------|
| 8.08 | 19004635 | 136.61 |
| 8.32 | 26827576 | 117.21 |
| 8.71 | 32311249 | 118.17 |
| 9.02 | 14483473 | 58.83  |
| 9.46 | 30454980 | 112.44 |

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 7.14 | 22065202 | 120.65 |
| 7.31 | 17965643 | 110.99 |
| 7.75 | 39163604 | 135.79 |
| 8.00 | 16187239 | 74.57  |
| 8.45 | 32084680 | 106.68 |

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081519\  
Data File : PQ042488.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2019 11:40  
Operator : SM\AJ  
Sample : K4242-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

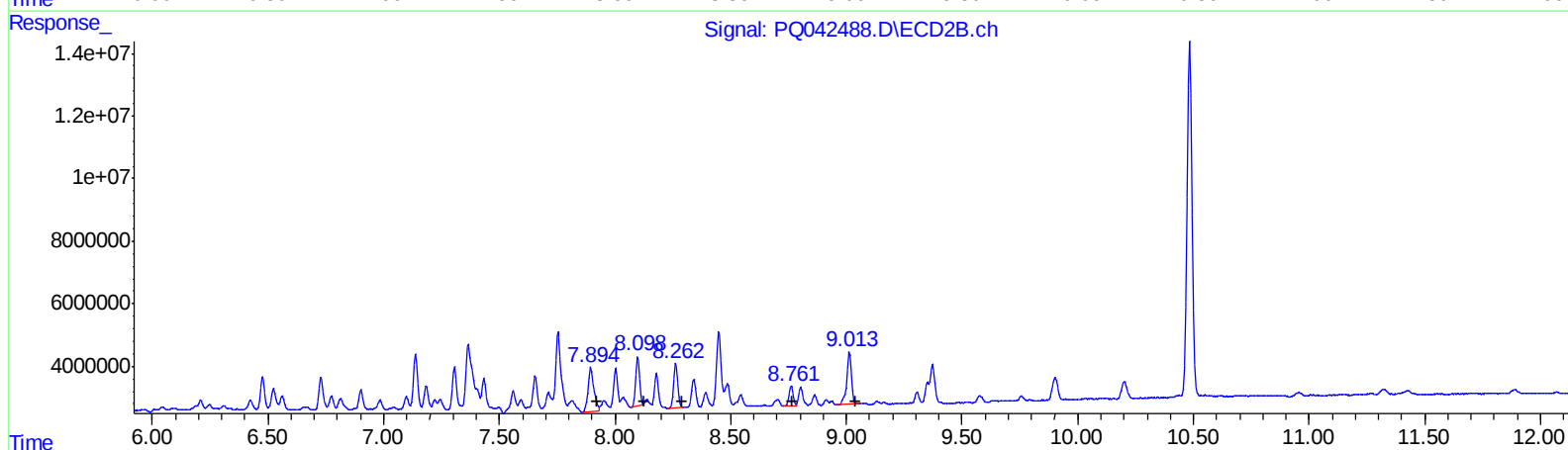
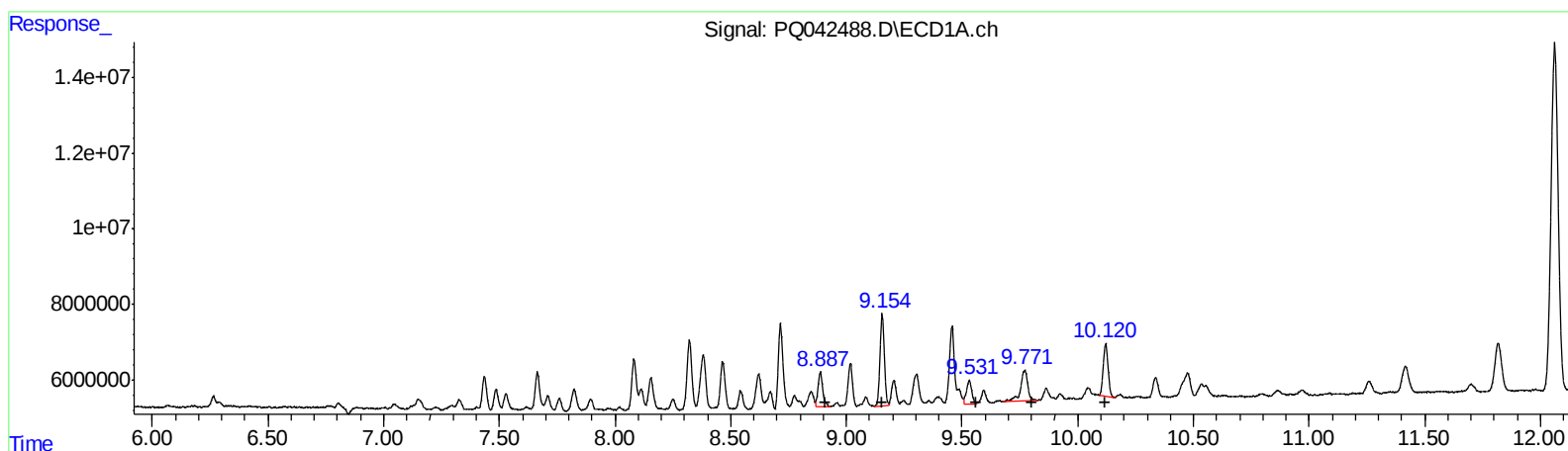
Instrument :  
ECD\_Q  
ClientSampleId :  
C0AF5

Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 08:50:24 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   |
|-------|----------|--------|
| 8.89  | 13214713 | 74.29  |
| 9.15  | 32045729 | 127.03 |
| 9.53  | 9975745  | 43.54  |
| 9.77  | 17801239 | 69.72  |
| 10.12 | 19840779 | 29.46  |

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 7.89 | 24406901 | 134.53 |
| 8.10 | 18611215 | 75.86  |
| 8.26 | 17505115 | 82.27  |
| 8.76 | 8031879  | 39.70  |
| 9.01 | 24106448 | 40.84  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081519\  
Data File : PQ042488.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2019 11:40  
Operator : SM\AJ  
Sample : K4242-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

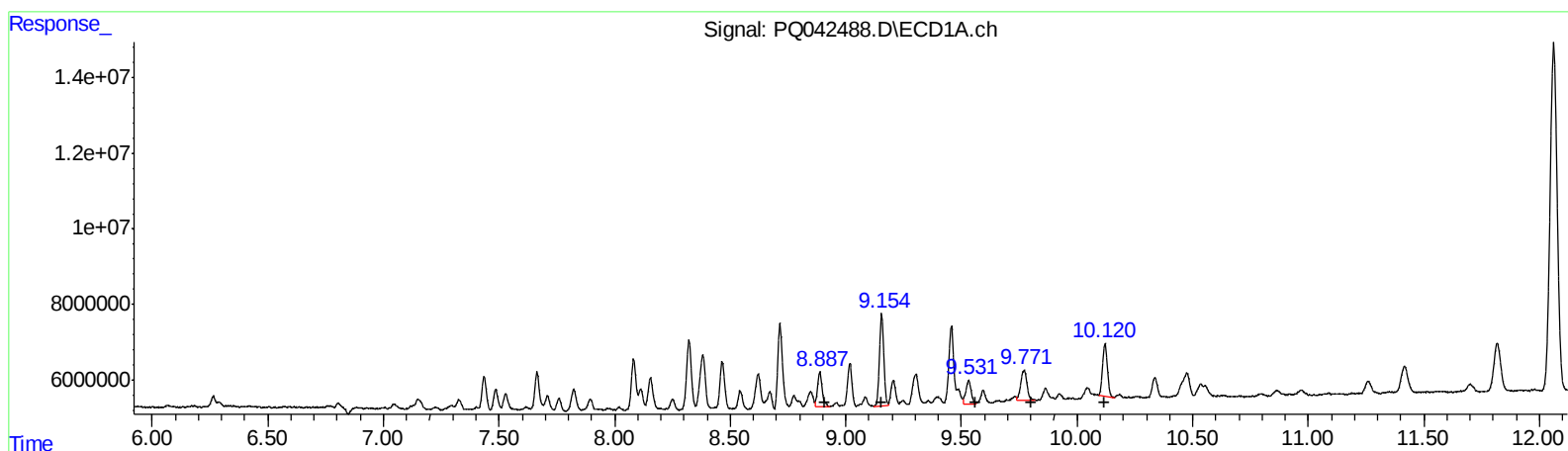
Instrument :  
ECD\_Q  
ClientSampleId :  
C0AF5

Manual Integrations  
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Ankita  
8/29/2019 9:02:26 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 29 08:50:24 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



(31) AR-1260-1 #2 (L7)  
R.T. Response Conc  
8.89 13214713 74.29  
9.15 32045729 127.03  
9.53 9975745 43.54  
9.77 15240845 59.69  
10.12 19840779 29.46

(31) AR-1260-1 #2 (L7)  
R.T. Response Conc  
7.89 24406901 134.53  
8.10 20735933 84.52  
8.26 17505115 82.27  
8.76 8031879 39.70  
9.01 24106448 40.84

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081519\  
 Data File : PQ042488.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2019 11:40  
 Operator : SM\AJ  
 Sample : K4242-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 C0AF5

Manual Integrations  
 APPROVED

Ankita  
 8/29/2019 9:02:26 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 29 08:50:24 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...          | 5.675  | 4.735  | 47909776 | 43414806 | 20.890   | 22.527    |
| 2) SA Decachlor...          | 12.062 | 10.484 | 196.8E6  | 167.8E6  | 23.339   | 34.691 #  |
| Target Compounds            |        |        |          |          |          |           |
| 21) L5 AR-1248-1            | 7.133  | 6.185  | 1219034  | 1066484  | 16.443m  | 16.085m   |
| 22) L5 AR-1248-2            | 7.435  | 6.476  | 11874036 | 12531161 | 128.697m | 143.726m  |
| 23) L5 AR-1248-3            | 7.663  | 6.523  | 14110161 | 8917640  | 125.937m | 99.911m   |
| 24) L5 AR-1248-4            | 8.113  | 6.728  | 6964147  | 13608625 | 44.540   | 123.556m# |
| 25) L5 AR-1248-5            | 8.155  | 7.184  | 12563482 | 9837029  | 83.024   | 76.747    |
| 26) L6 AR-1254-1            | 8.083  | 7.137  | 19004635 | 22065202 | 136.611  | 120.651m  |
| 27) L6 AR-1254-2            | 8.322  | 7.306  | 26827576 | 17965643 | 117.211  | 110.987   |
| 28) L6 AR-1254-3            | 8.715  | 7.753  | 32311249 | 39163604 | 118.172  | 135.793m  |
| 29) L6 AR-1254-4            | 9.018  | 8.003  | 14483473 | 16187239 | 58.834   | 74.571 #  |
| 30) L6 AR-1254-5            | 9.457  | 8.448  | 30454980 | 32084680 | 112.444m | 106.676m  |
| 31) L7 AR-1260-1            | 8.887  | 7.895  | 13214713 | 24406901 | 74.288   | 134.525 # |
| 32) L7 AR-1260-2            | 9.155  | 8.098  | 32045729 | 20735933 | 127.027  | 84.521m#  |
| 33) L7 AR-1260-3            | 9.532  | 8.263  | 9975745  | 17505115 | 43.537   | 82.270 #  |
| 34) L7 AR-1260-4            | 9.771  | 8.761  | 15240845 | 8031879  | 59.688m  | 39.705 #  |
| 35) L7 AR-1260-5            | 10.121 | 9.013  | 19840779 | 24106448 | 29.455   | 40.845 #  |
| -----                       |        |        |          |          |          |           |

AJ  
 08/29/19

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