

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072419\  
Data File : PQ041483.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jul 2019 19:03  
Operator : SM\AJ  
Sample : K3893-06MS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

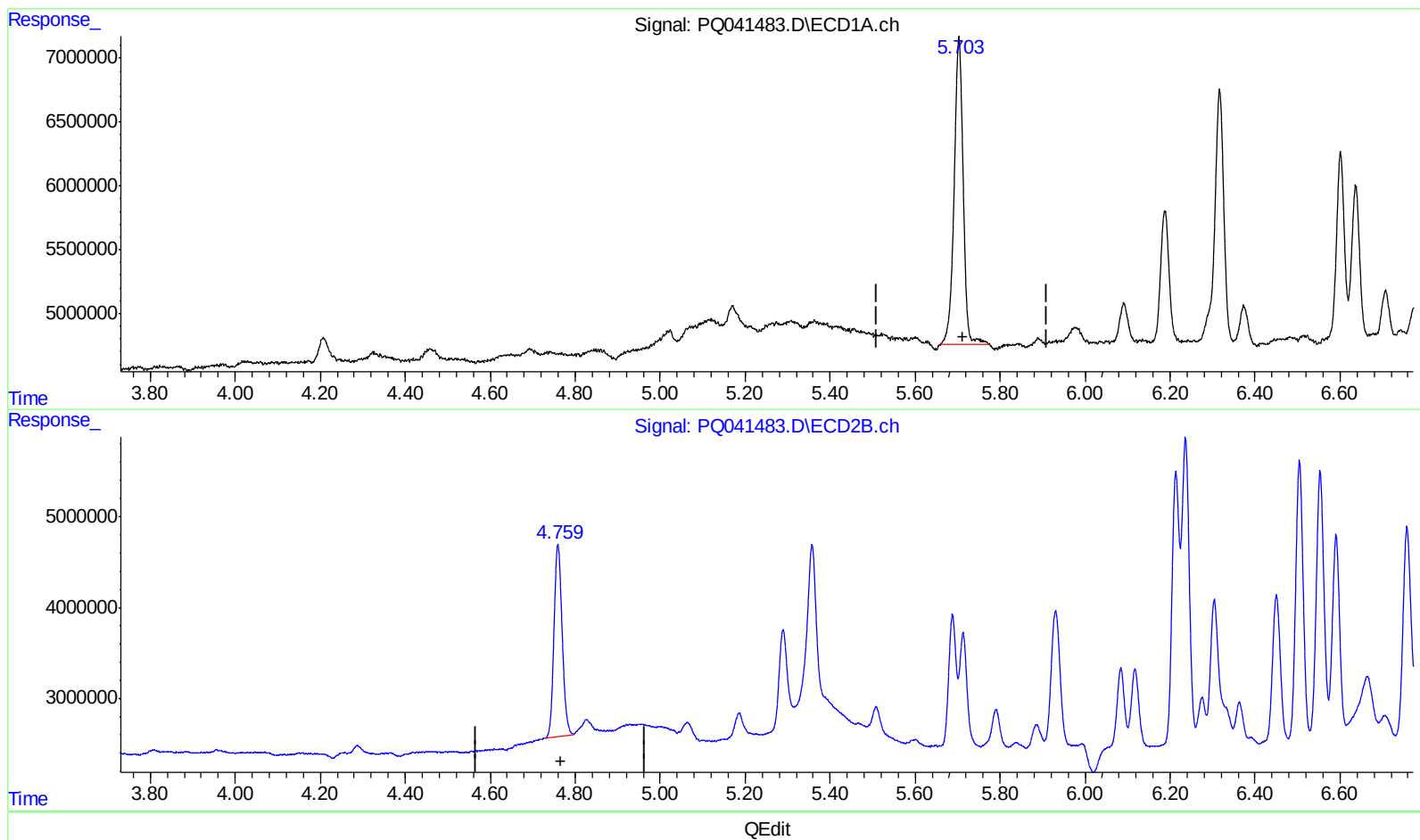
Instrument :  
ECD\_Q  
ClientSampleId :  
BEP11MS

Manual Integrations  
APPROVED

Ankita  
7/30/2019 9:24:48 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 25 00:44:55 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ072119CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jul 23 11:02:25 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



(1) Tetrachloro-m-xylene (SA)

5.703min 9.210 ng/ml

response 35255808

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

4.759min 9.302 ng/ml

response 27963763

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072419\  
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ALS Vial : 28 Sample Multiplier: 1

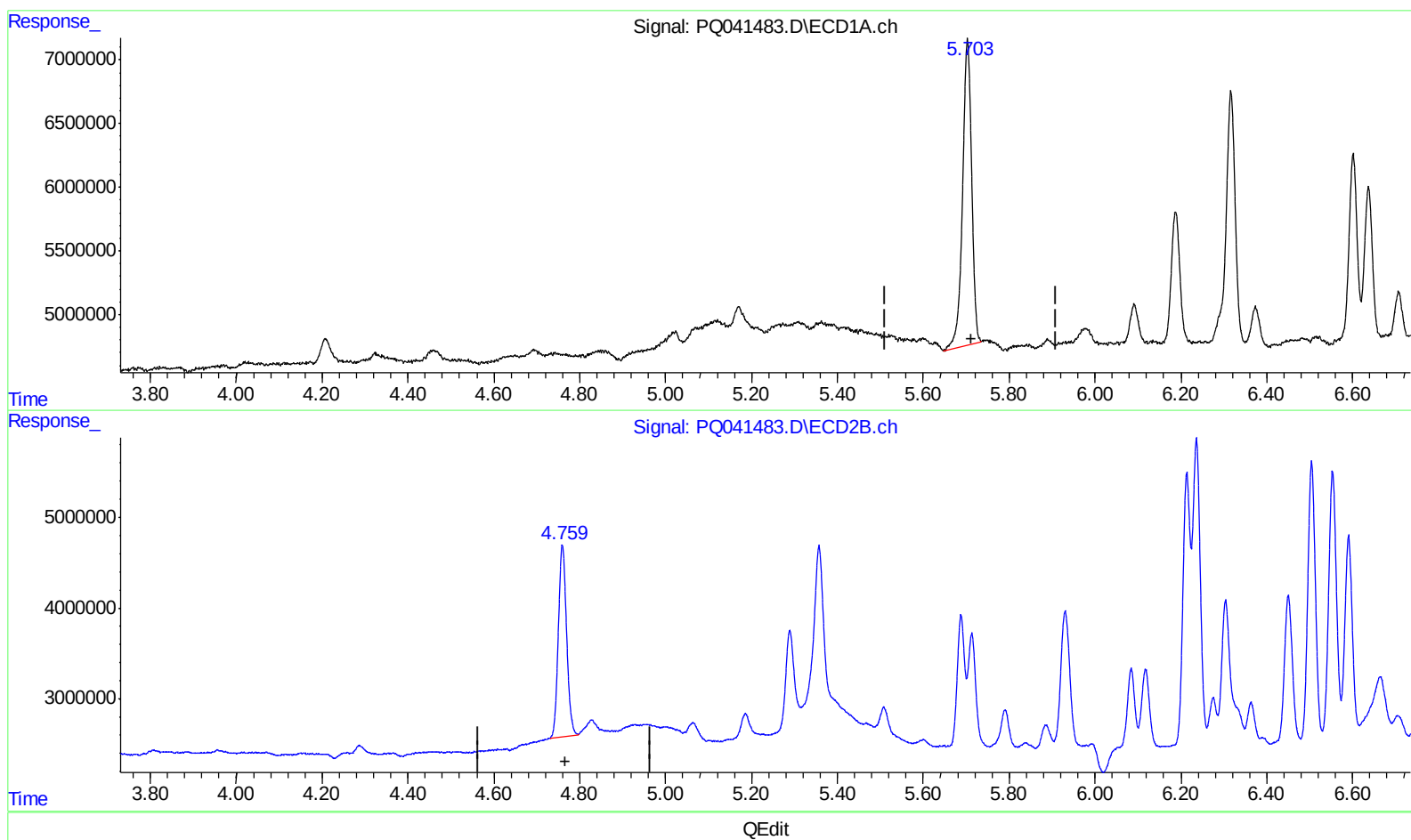
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ECD\_Q  
ClientSampleId :  
BEP11MS

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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



(1) Tetrachloro-m-xylene (SA)

5.703min 9.176 ng/ml m

response 35125384

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

4.759min 9.302 ng/ml

response 27963763

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072419\  
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Operator : SM\AJ  
Sample : K3893-06MS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

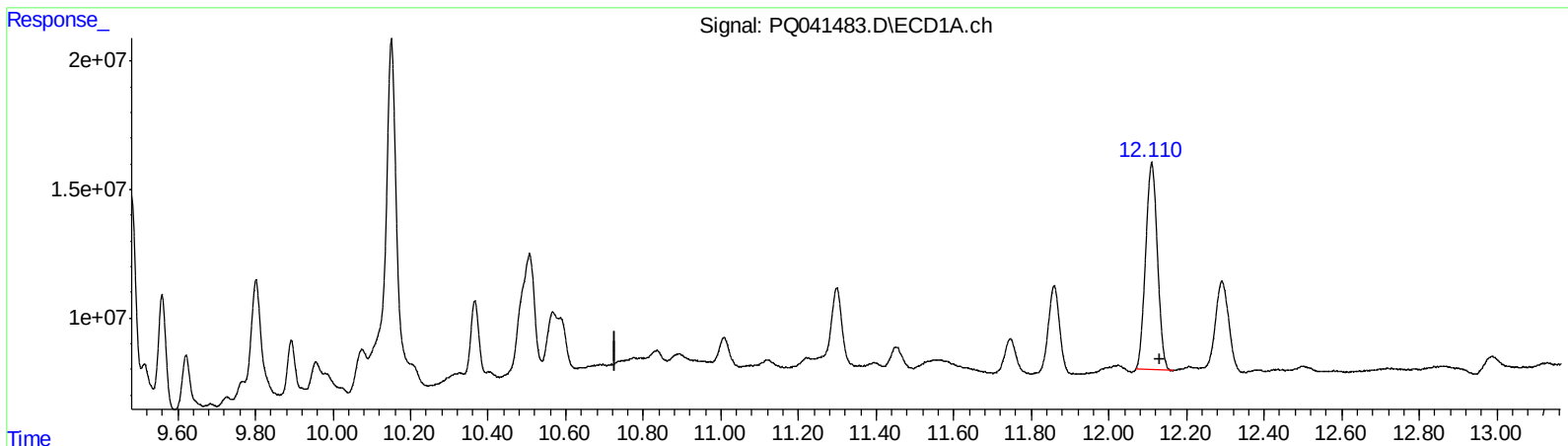
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Integrator: ChemStation

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



(2) Decachlorobiphenyl (SA)

12.110min 16.426 ng/ml

response 169903971

(2) Decachlorobiphenyl #2 (SA)

10.524min 23.435 ng/ml

response 106785604

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072419\  
Data File : PQ041483.D  
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Acq On : 24 Jul 2019 19:03  
Operator : SM\AJ  
Sample : K3893-06MS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

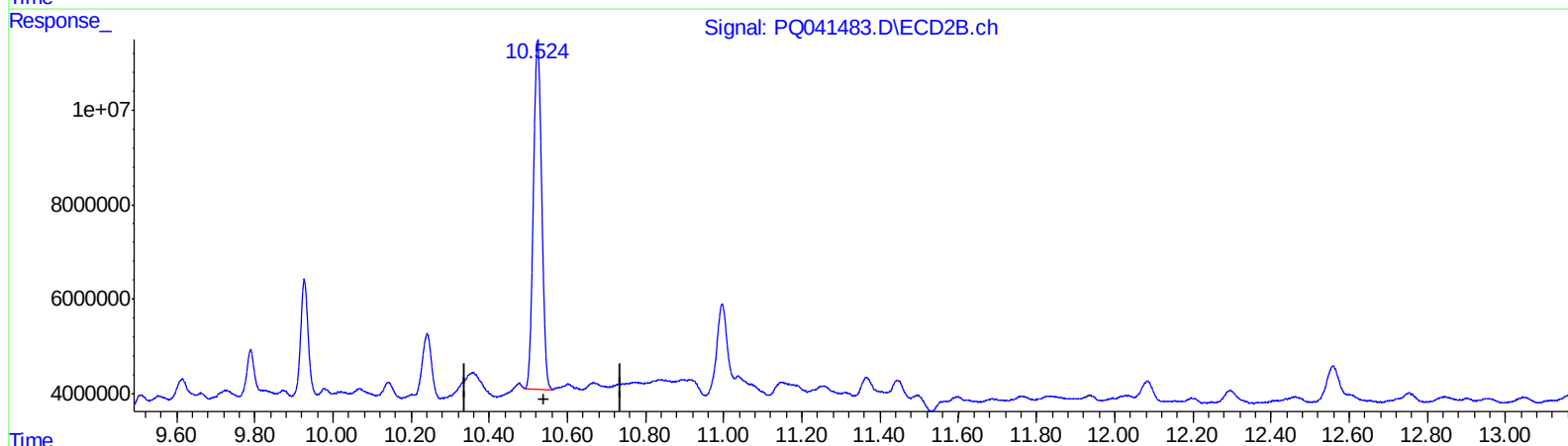
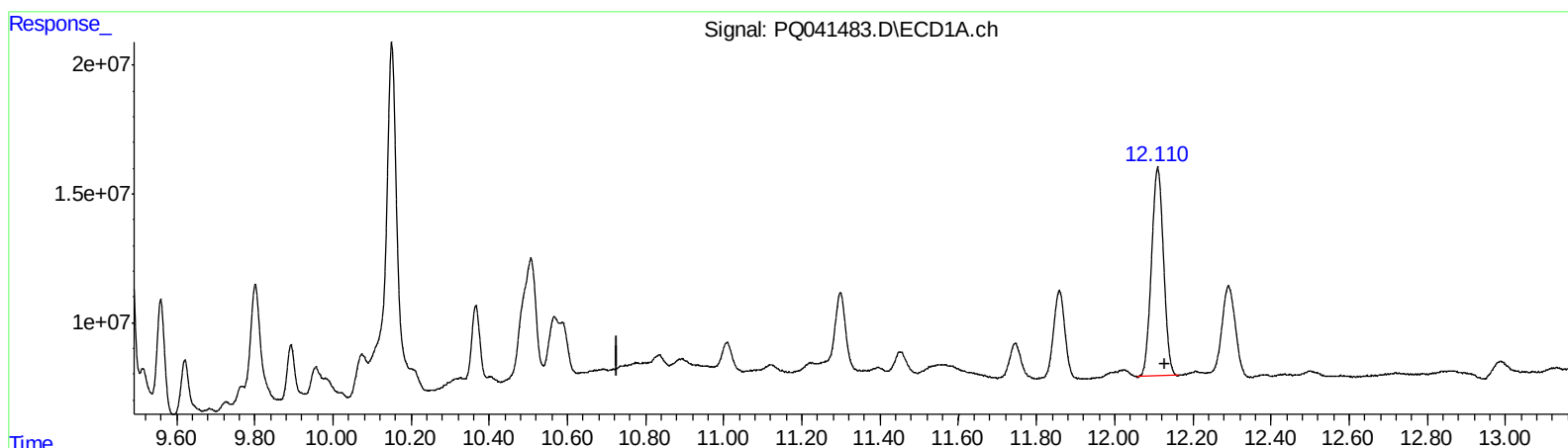
Instrument :  
ECD\_Q  
ClientSampleId :  
BEP11MS

Manual Integrations  
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QLast Update : Tue Jul 23 11:02:25 2019  
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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

(2) Decachlorobiphenyl (SA)

12.110min 16.824 ng/ml m

response 174024860

(2) Decachlorobiphenyl #2 (SA)

10.524min 23.922 ng/ml m

response 109008117

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072419\  
Data File : PQ041483.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jul 2019 19:03  
Operator : SM\AJ  
Sample : K3893-06MS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

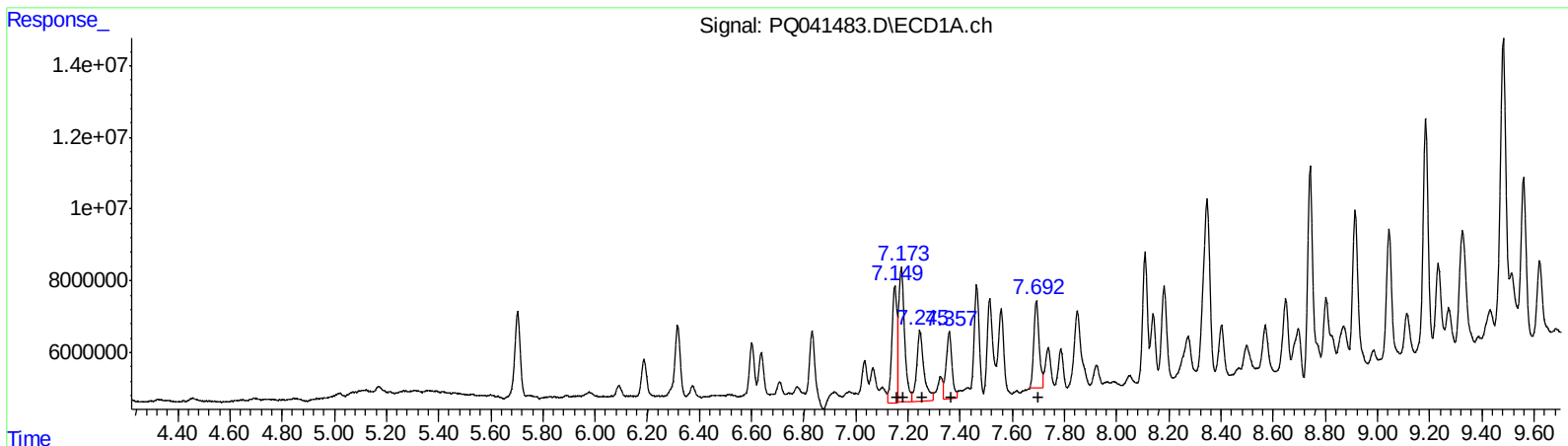
Instrument :  
ECD\_Q  
ClientSampleId :  
BEP11MS

Manual Integrations  
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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



(3) AR-1016-1 (L1)

| R.T. | Response | Conc   |
|------|----------|--------|
| 7.15 | 44314277 | 253.90 |
| 7.17 | 59967755 | 227.39 |
| 7.25 | 38267410 | 236.55 |
| 7.36 | 29046957 | 215.53 |
| 7.69 | 34548020 | 259.62 |

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 6.21 | 34822764 | 238.00 |
| 6.24 | 41998088 | 201.78 |
| 6.45 | 21068477 | 186.60 |
| 6.50 | 38494815 | 422.25 |
| 6.76 | 32663780 | 271.79 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072419\  
Data File : PQ041483.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jul 2019 19:03  
Operator : SM\AJ  
Sample : K3893-06MS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

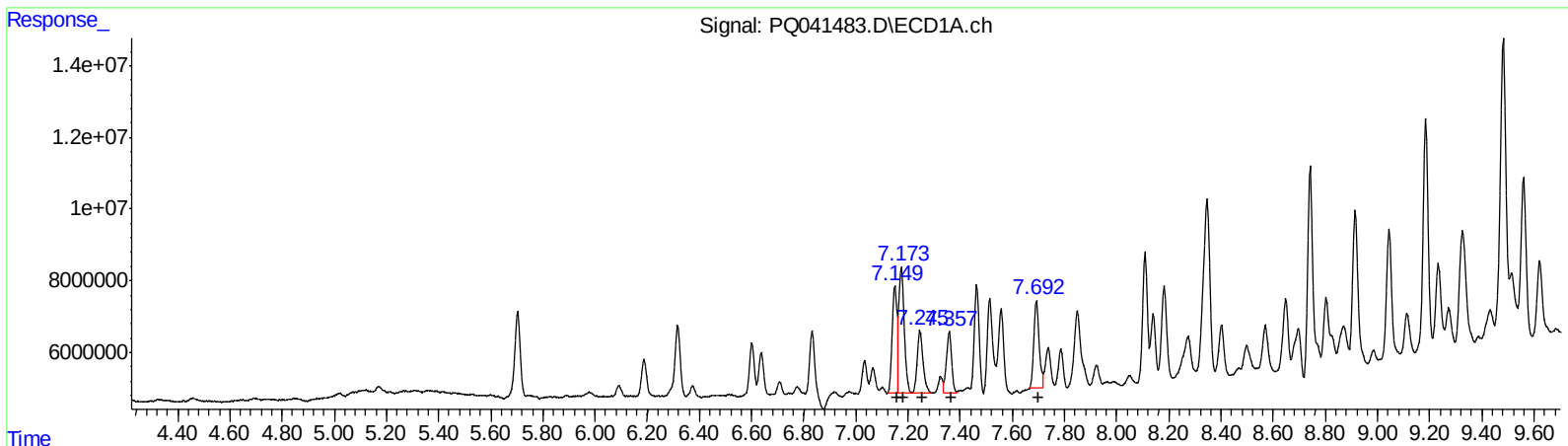
Instrument :  
ECD\_Q  
ClientSampled :  
BEP11MS

Manual Integrations  
APPROVED

Ankita  
7/30/2019 9:24:48 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 25 00:44:55 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ072119CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jul 23 11:02:25 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



(3) AR-1016-1 #2 (L1)  
R.T. Response Conc  
7.15 38194842 218.84  
7.17 49594365 188.06  
7.25 26794837 165.63  
7.36 23182336 172.02  
7.69 34548020 259.62

(3) AR-1016-1 #2 (L1)  
R.T. Response Conc  
6.21 34822764 238.00  
6.24 41998088 201.78  
6.45 21068477 186.60  
6.50 38494815 422.25  
6.76 32663780 271.79

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072419\  
Data File : PQ041483.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jul 2019 19:03  
Operator : SM\AJ  
Sample : K3893-06MS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

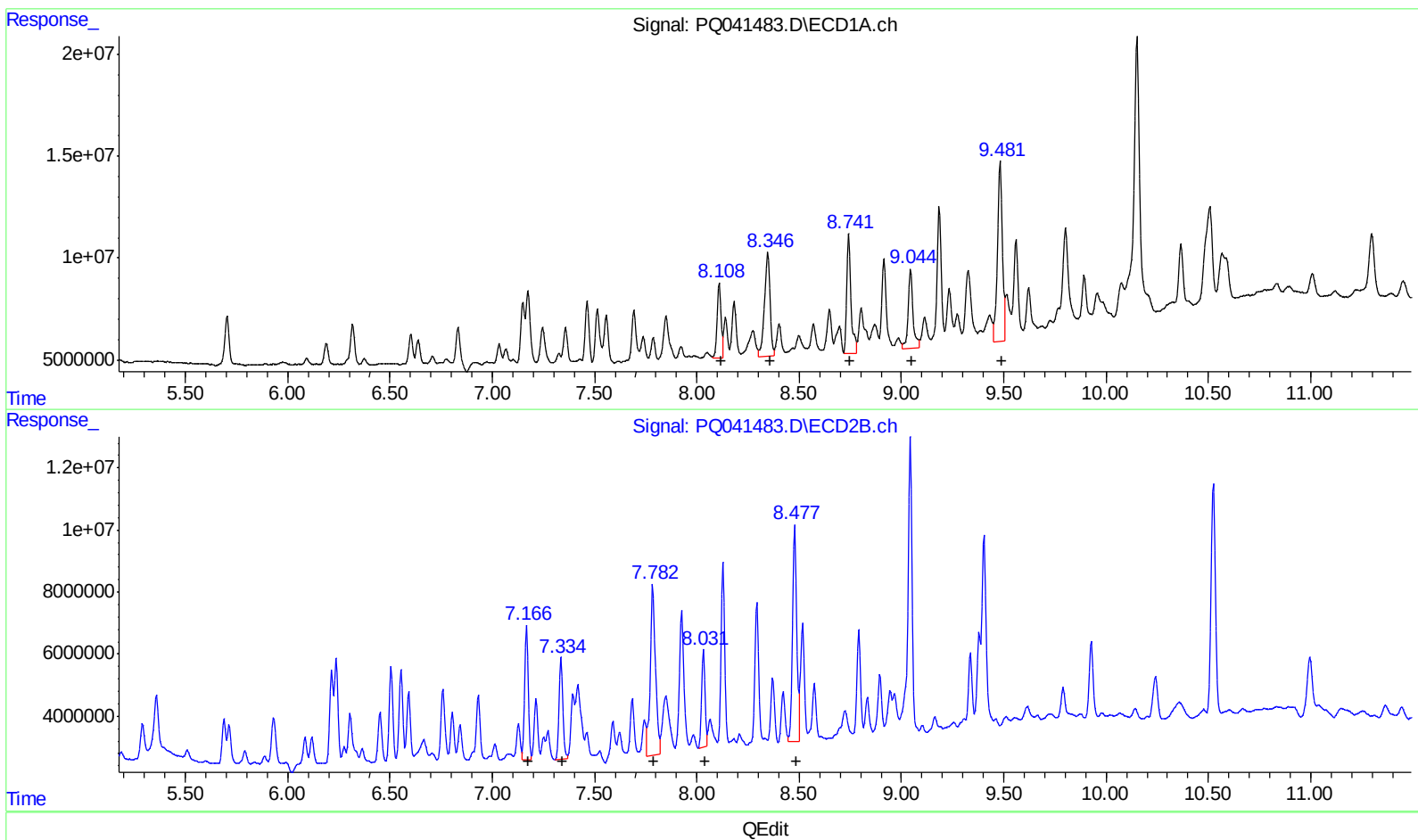
Instrument :  
ECD\_Q  
ClientSampleId :  
BEP11MS

Manual Integrations  
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QLast Update : Tue Jul 23 11:02:25 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  
8.11 48374914 238.65  
8.35 96506897 279.41  
8.74 85532287 206.41  
9.04 64678542 178.71  
9.48 149598604 372.57

(26) AR-1254-1 #2 (L6)  
R.T. Response Conc  
7.17 53749636 211.36  
7.33 42178996 184.36  
7.78 96267400 237.18  
8.03 36564214 133.84  
8.48 97693291 244.68

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072419\  
Data File : PQ041483.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jul 2019 19:03  
Operator : SM\AJ  
Sample : K3893-06MS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

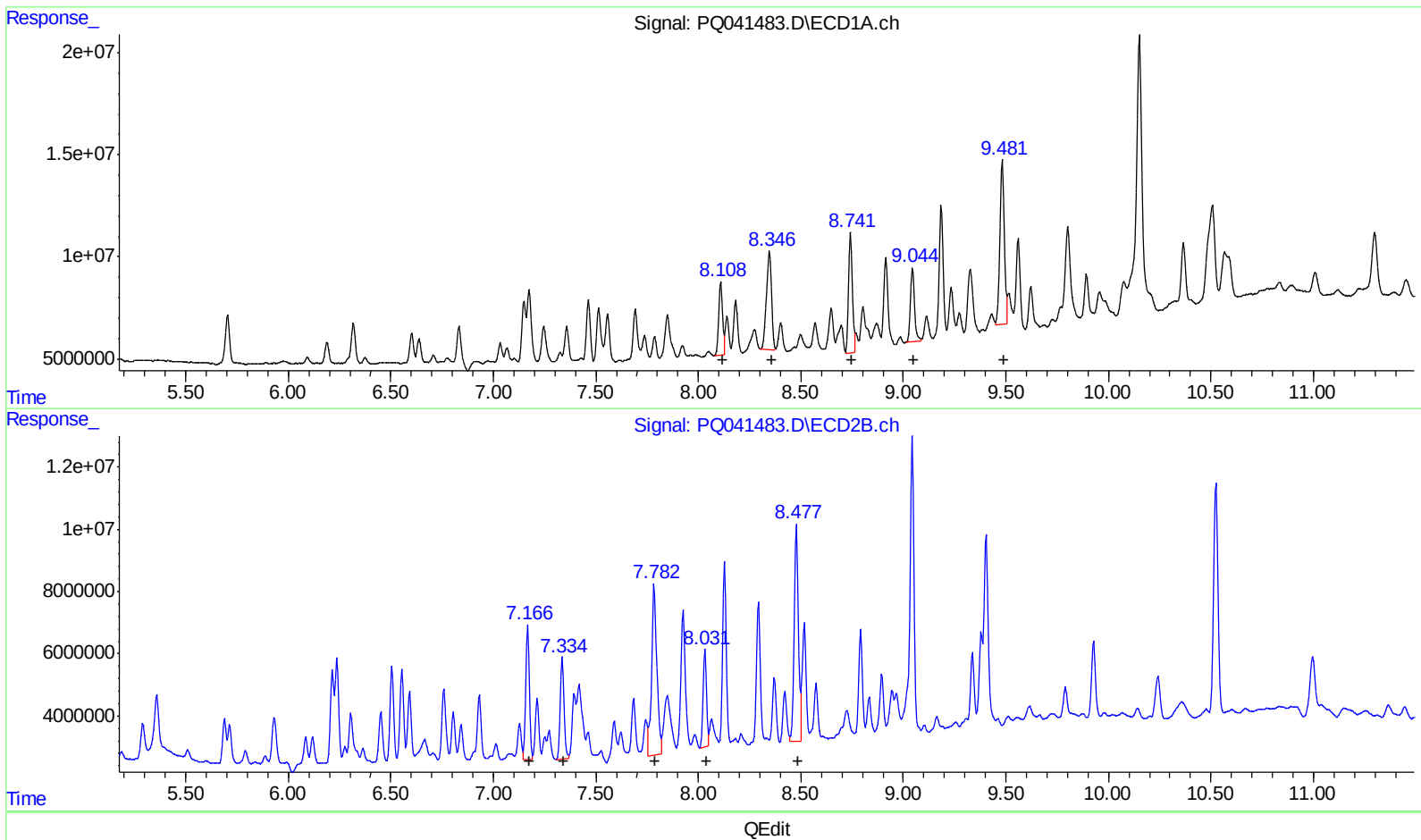
Instrument :  
ECD\_Q  
ClientSampleId :  
BEP11MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
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QLast Update : Tue Jul 23 11:02:25 2019  
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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



(26) AR-1254-1 #2 (L6)  
R.T. Response Conc  
8.11 45945113 226.66  
8.35 83637287 242.15  
8.74 78075126 188.41  
9.04 50547901 139.66  
9.48 122656609 305.47

(26) AR-1254-1 #2 (L6)  
R.T. Response Conc  
7.17 53749636 211.36  
7.33 42178996 184.36  
7.78 96267400 237.18  
8.03 36564214 133.84  
8.48 97693291 244.68



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072419\  
Data File : PQ041483.D  
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Acq On : 24 Jul 2019 19:03  
Operator : SM\AJ  
Sample : K3893-06MS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

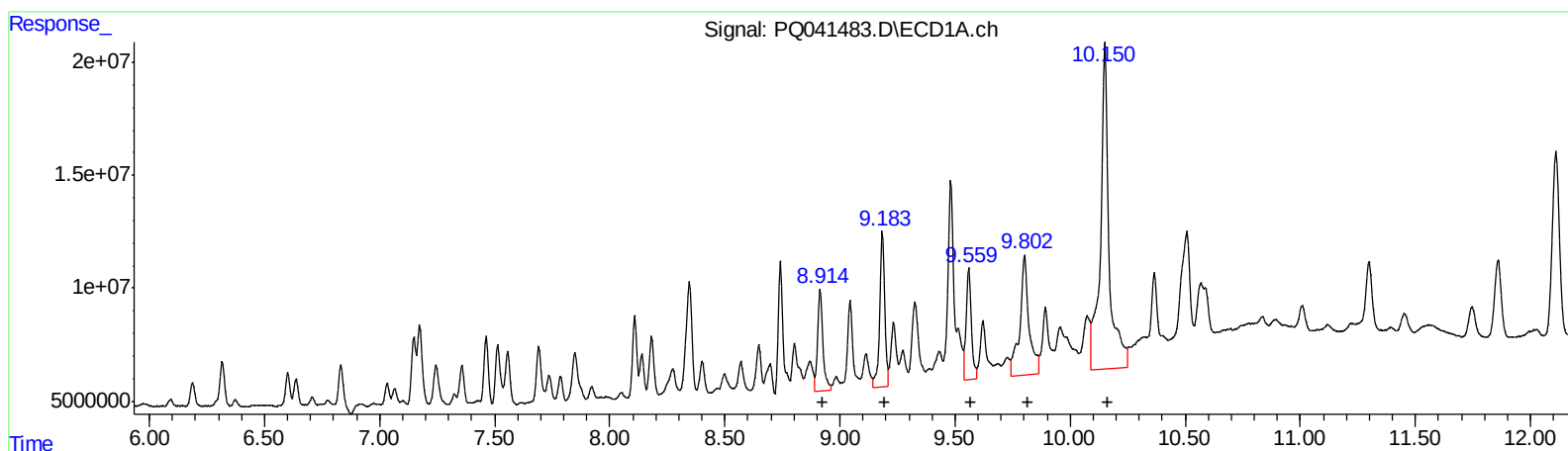
Instrument :  
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Manual Integrations  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(31) AR-1260-1 (L7)  
R.T. Response Conc  
8.91 71843324 237.80  
9.18 104694535 228.41  
9.56 78993689 186.05  
9.80 148224430 352.12  
10.15 379092888 354.76

(31) AR-1260-1 #2 (L7)  
R.T. Response Conc  
7.92 70082957 263.51  
8.13 71264426 196.40  
8.29 59554468 189.65  
8.79 44679685 156.95  
9.04 143502738 192.99

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072419\  
Data File : PQ041483.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jul 2019 19:03  
Operator : SM\AJ  
Sample : K3893-06MS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

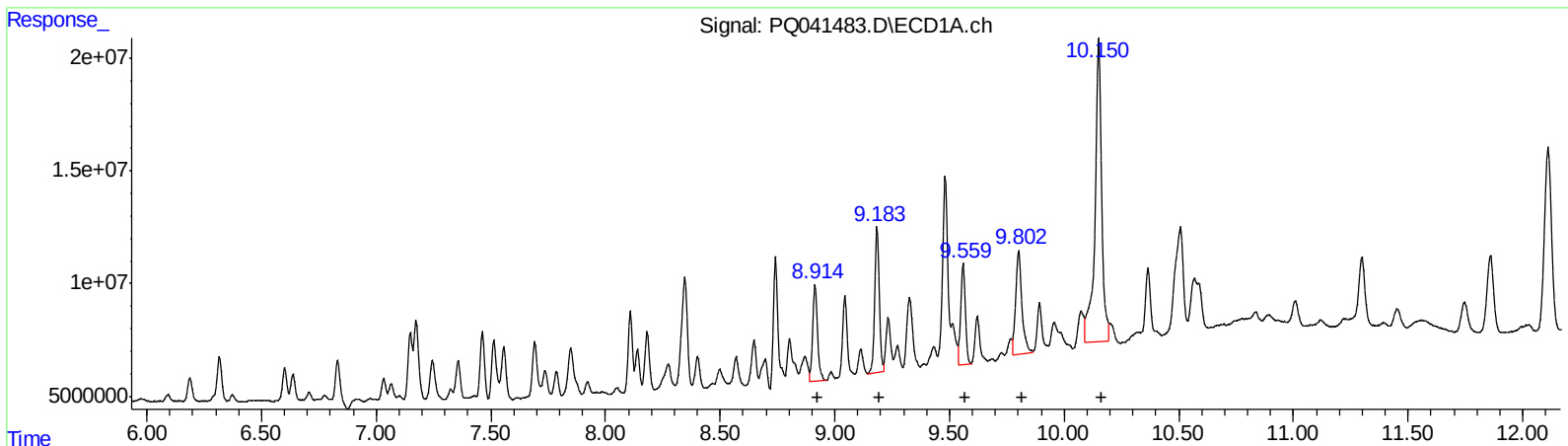
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Integrator: ChemStation

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



(31) AR-1260-1 #2 (L7)  
R.T. Response Conc  
8.91 63048051 208.69  
9.18 88729560 193.58  
9.56 64187793 151.18  
9.80 85784696 203.79  
10.15 271617939 254.18

(31) AR-1260-1 #2 (L7)  
R.T. Response Conc  
7.92 70082957 263.51  
8.13 71264426 196.40  
8.29 59554468 189.65  
8.79 44679685 156.95  
9.04 143502738 192.99

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072419\  
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Instrument :  
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Manual Integrations  
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 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...          | 5.703  | 4.759  | 35125384 | 27963763 | 9.176m   | 9.302     |
| 2) SA Decachlor...          | 12.110 | 10.524 | 174.0E6  | 109.0E6  | 16.824m  | 23.922m#  |
| Target Compounds            |        |        |          |          |          |           |
| 3) L1 AR-1016-1             | 7.149  | 6.214  | 38194842 | 34822764 | 218.841m | 238.002   |
| 4) L1 AR-1016-2             | 7.173  | 6.236  | 49594365 | 41998088 | 188.056m | 201.776   |
| 5) L1 AR-1016-3             | 7.245  | 6.450  | 26794837 | 21068477 | 165.632m | 186.602   |
| 6) L1 AR-1016-4             | 7.357  | 6.505  | 23182336 | 38494815 | 172.015m | 422.253 # |
| 7) L1 AR-1016-5             | 7.692  | 6.758  | 34548020 | 32663780 | 259.623  | 271.789   |
| 21) L5 AR-1248-1            | 7.149  | 6.214  | 44314277 | 34822764 | 477.739  | 433.561   |
| 22) L5 AR-1248-2            | 7.463  | 6.505  | 42290804 | 38494815 | 343.666  | 343.658   |
| 23) L5 AR-1248-3            | 7.692  | 6.553  | 34548020 | 38474679 | 220.001  | 333.323 # |
| 24) L5 AR-1248-4            | 8.140  | 6.758  | 25559369 | 32663780 | 118.325  | 225.647 # |
| 25) L5 AR-1248-5            | 8.181  | 7.213  | 40340522 | 24476769 | 189.428  | 145.451   |
| 26) L6 AR-1254-1            | 8.108  | 7.167  | 45945113 | 53749636 | 226.664m | 211.359   |
| 27) L6 AR-1254-2            | 8.346  | 7.335  | 83637287 | 42178996 | 242.151m | 184.359   |
| 28) L6 AR-1254-3            | 8.741  | 7.783  | 78075126 | 96267400 | 188.412m | 237.176 # |
| 29) L6 AR-1254-4            | 9.044  | 8.031  | 50547901 | 36564214 | 139.663m | 133.841   |
| 30) L6 AR-1254-5            | 9.481  | 8.477  | 122.7E6  | 97693291 | 305.474m | 244.678   |
| 31) L7 AR-1260-1            | 8.914  | 7.925  | 63048051 | 70082957 | 208.690m | 263.515 # |
| 32) L7 AR-1260-2            | 9.183  | 8.127  | 88729560 | 71264426 | 193.577m | 196.402   |
| 33) L7 AR-1260-3            | 9.559  | 8.292  | 64187793 | 59554468 | 151.176m | 189.651 # |
| 34) L7 AR-1260-4            | 9.802  | 8.791  | 85784696 | 44679685 | 203.789m | 156.947   |
| 35) L7 AR-1260-5            | 10.150 | 9.043  | 271.6E6  | 143.5E6  | 254.185m | 192.988   |
| -----                       |        |        |          |          |          |           |

AJ  
 0.131719

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