

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ080819\  
Data File : PQ042168.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Aug 2019 11:55  
Operator : SM\AJ  
Sample : AR1660CCC400  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

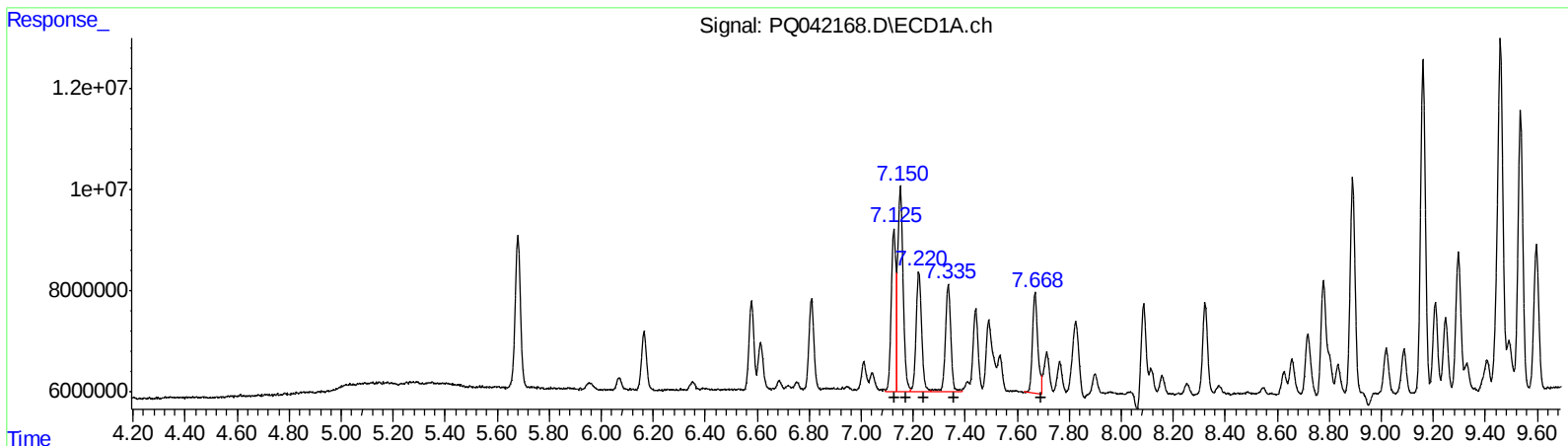
Instrument :  
ECD\_Q  
LabSampleId :  
AR1660341

Manual Integrations  
APPROVED

Ankita  
8/12/2019 9:16:04 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 09 04:24:22 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



(3) AR-1016-1 (L1)

| R.T. | Response | Conc   |
|------|----------|--------|
| 7.13 | 39614027 | 366.51 |
| 7.15 | 57803462 | 369.29 |
| 7.22 | 34559519 | 357.29 |
| 7.33 | 30231716 | 387.52 |
| 7.67 | 28206856 | 358.82 |

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 6.19 | 39430003 | 379.98 |
| 6.21 | 54757471 | 382.20 |
| 6.43 | 28403263 | 380.88 |
| 6.48 | 21416214 | 345.37 |
| 6.73 | 27762810 | 341.05 |

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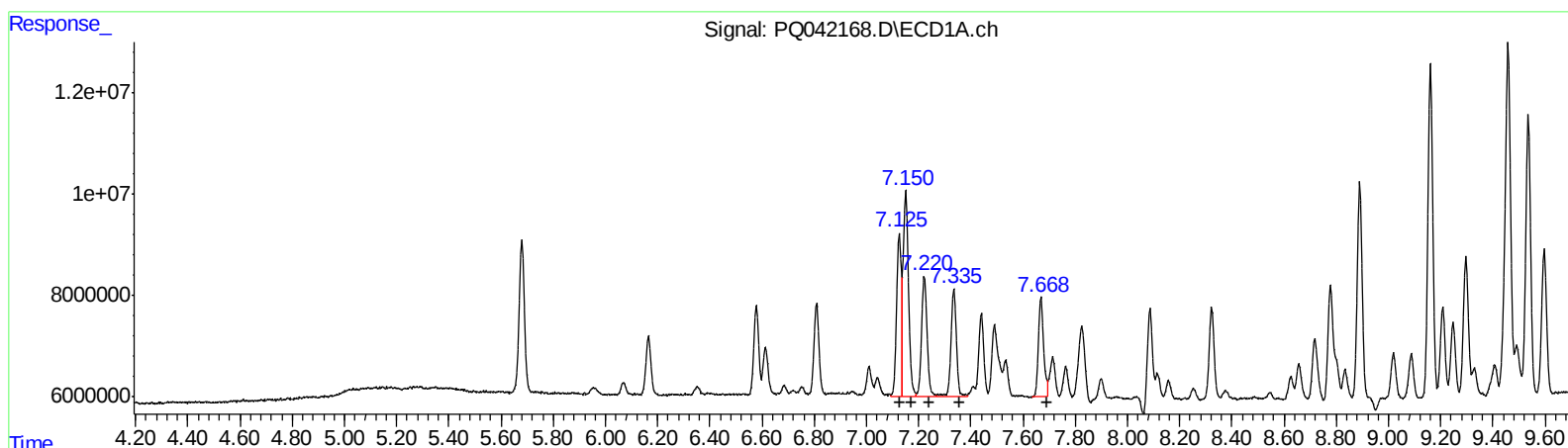
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|------|----------|--------|
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| 7.15 | 57803462 | 369.29 |
| 7.22 | 34559519 | 357.29 |
| 7.33 | 30231716 | 387.52 |
| 7.67 | 27225349 | 346.33 |

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 6.19 | 39430003 | 379.98 |
| 6.21 | 54757471 | 382.20 |
| 6.43 | 28403263 | 380.88 |
| 6.48 | 21416214 | 345.37 |
| 6.73 | 28952998 | 355.67 |

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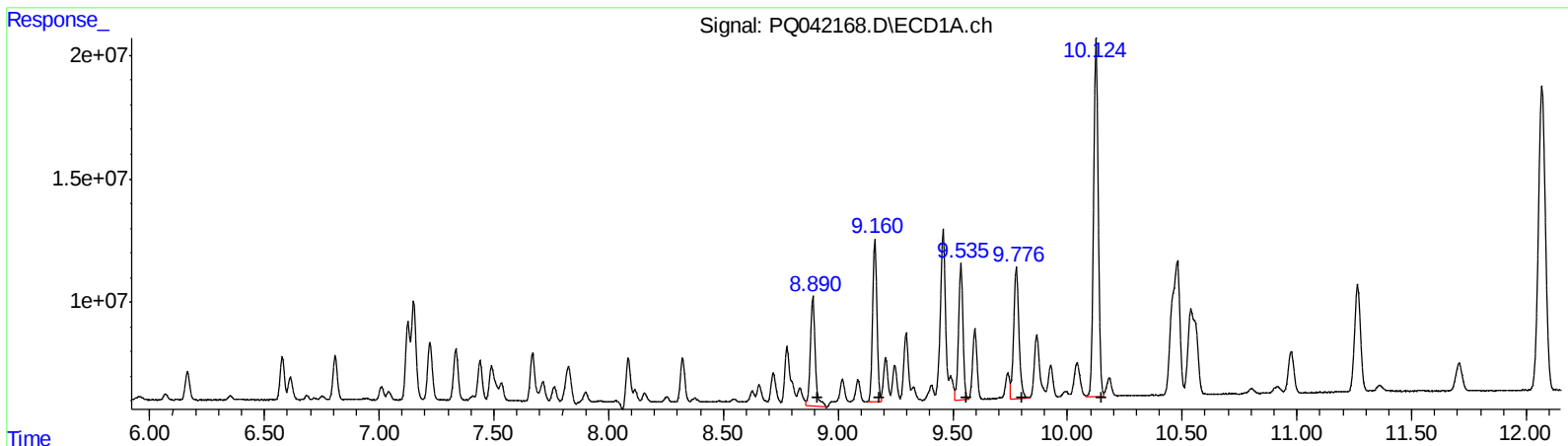
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 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(31) AR-1260-1 (L7)  
 R.T. Response Conc  
 8.89 66054146 371.33  
 9.16 86200816 341.69  
 9.54 73282177 319.82  
 9.78 84153332 329.57  
 10.12 204407394 303.46  
 (31) AR-1260-1 #2 (L7)  
 R.T. Response Conc  
 7.90 73652942 405.96  
 8.10 95648270 389.87  
 8.27 82840326 389.33  
 8.81 8811577 43.56  
 9.02 213808159 362.26

QEdit

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 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

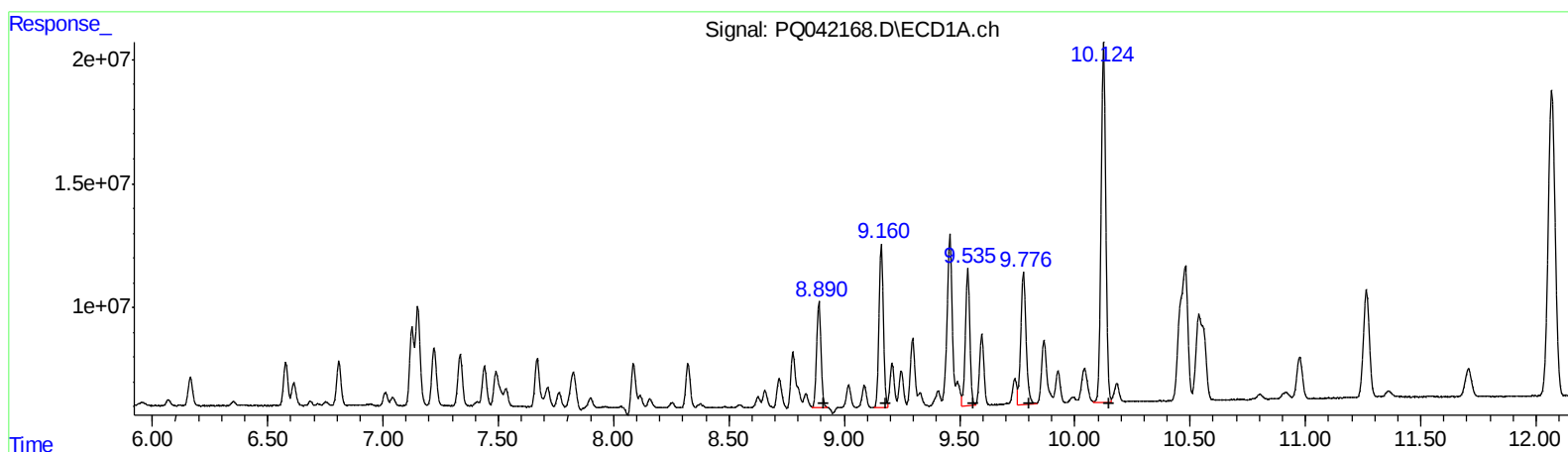
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Manual Integrations  
 APPROVED

Ankita  
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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  
 8.89 57205680 321.59  
 9.16 86200816 341.69  
 9.54 73282177 319.82  
 9.78 84153332 329.57  
 10.12 204407394 303.46

(31) AR-1260-1 #2 (L7)  
 R.T. Response Conc  
 7.90 73652942 405.96  
 8.10 95648270 389.87  
 8.27 83600906 392.90  
 8.77 77514010 383.18  
 9.02 213808159 362.26

(+) = Expected Retention Time

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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

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

#### System Monitoring Compounds

|                    |        |        |          |          |        |          |
|--------------------|--------|--------|----------|----------|--------|----------|
| 1) SA Tetrachlo... | 5.679  | 4.740  | 42697851 | 38149486 | 18.618 | 19.795   |
| 2) SA Decachlor... | 12.068 | 10.490 | 260.7E6  | 199.1E6  | 30.915 | 41.152 # |

#### Target Compounds

|                  |        |       |          |          |          |           |
|------------------|--------|-------|----------|----------|----------|-----------|
| 3) L1 AR-1016-1  | 7.125  | 6.191 | 39614027 | 39430003 | 366.511  | 379.978   |
| 4) L1 AR-1016-2  | 7.151  | 6.214 | 57803462 | 54757471 | 369.286  | 382.200   |
| 5) L1 AR-1016-3  | 7.222  | 6.427 | 34559519 | 28403263 | 357.286  | 380.884   |
| 6) L1 AR-1016-4  | 7.335  | 6.482 | 30231716 | 21416214 | 387.515  | 345.365   |
| 7) L1 AR-1016-5  | 7.668  | 6.734 | 27225349 | 28952998 | 346.334m | 355.673m  |
| 31) L7 AR-1260-1 | 8.890  | 7.900 | 57205680 | 73652942 | 321.587m | 405.959 # |
| 32) L7 AR-1260-2 | 9.160  | 8.103 | 86200816 | 95648270 | 341.694  | 389.867   |
| 33) L7 AR-1260-3 | 9.535  | 8.267 | 73282177 | 83600906 | 319.822  | 392.903m  |
| 34) L7 AR-1260-4 | 9.777  | 8.765 | 84153332 | 77514010 | 329.571  | 383.184m  |
| 35) L7 AR-1260-5 | 10.125 | 9.017 | 204.4E6  | 213.8E6  | 303.459  | 362.264   |

AJ  
 08/17/19

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