

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR010919\  
 Data File : PR035241.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jan 2019 09:49  
 Operator : SM\SJ  
 Sample : AR1660CCC400  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 AR1660344

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 10 01:11:14 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR010419CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Jan 05 01:47:32 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... | 4.430  | 3.507 | 24132710 | 47385036 | 20.013   | 22.246     |
| 2)                          | SA Decachlor... | 10.109 | 8.391 | 80672347 | 186.6E6  | 35.877   | 35.400     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 3)                          | L1 AR-1016-1    | 5.593  | 4.581 | 31291249 | 163.6E6  | 374.343  | 992.520 #  |
| 4)                          | L1 AR-1016-2    | 5.614  | 4.581 | 48337344 | 163.6E6  | 386.714  | 635.254 #  |
| 5)                          | L1 AR-1016-3    | 5.676  | 4.753 | 28904708 | 50267623 | 378.759  | 379.452    |
| 6)                          | L1 AR-1016-4    | 5.775  | 4.794 | 24099368 | 39154400 | 377.716  | 380.093    |
| 7)                          | L1 AR-1016-5    | 6.066  | 5.002 | 25048454 | 55562883 | 376.068  | 372.992    |
| 8)                          | L2 AR-1221-1    | 4.635  | 3.715 | 2188702  | 4913401  | 144.748  | 155.473    |
| 9)                          | L2 AR-1221-2    | 4.724  | 3.799 | 2841812  | 6312928  | 267.775  | 279.146    |
| 10)                         | L2 AR-1221-3    | 4.801  | 3.872 | 13773220 | 28307860 | 356.503  | 352.259    |
| 11)                         | L3 AR-1232-1    | 4.801  | 3.872 | 13773220 | 28307860 | 458.304  | 458.814    |
| 12)                         | L3 AR-1232-2    | 5.326  | 4.581 | 21001170 | 163.6E6  | 1266.106 | 2011.938 # |
| 13)                         | L3 AR-1232-3    | 5.614  | 4.753 | 48337344 | 50267623 | 1254.414 | 1214.075   |
| 14)                         | L3 AR-1232-4    | 5.775  | 4.834 | 24099368 | 48205277 | 1263.438 | 1267.853   |
| 15)                         | L3 AR-1232-5    | 5.862  | 5.002 | 20618577 | 55562883 | 1475.194 | 1254.485   |
| 16)                         | L4 AR-1242-1    | 5.593  | 4.581 | 31291249 | 163.6E6  | 611.452  | 1615.757 # |
| 17)                         | L4 AR-1242-2    | 5.614  | 4.581 | 48337344 | 163.6E6  | 641.224  | 1046.233 # |
| 18)                         | L4 AR-1242-3    | 5.676  | 4.753 | 28904708 | 50267623 | 630.378  | 612.325    |
| 19)                         | L4 AR-1242-4    | 5.775  | 4.834 | 24099368 | 48205277 | 624.538  | 588.313    |
| 20)                         | L4 AR-1242-5    | 6.506  | 5.345 | 7421327  | 58628103 | 154.279  | 506.401 #  |
| 21)                         | L5 AR-1248-1    | 5.593  | 4.581 | 31291249 | 163.6E6  | 906.674  | 2329.531 # |
| 22)                         | L5 AR-1248-2    | 5.862  | 4.794 | 20618577 | 39154400 | 401.428  | 388.693    |
| 23)                         | L5 AR-1248-3    | 6.066  | 4.834 | 25048454 | 48205277 | 420.621  | 460.450    |
| 24)                         | L5 AR-1248-4    | 6.467  | 5.002 | 9070162  | 55562883 | 121.657  | 417.203 #  |
| 25)                         | L5 AR-1248-5    | 6.506  | 5.385 | 7421327  | 14597997 | 106.939  | 103.145    |
| 26)                         | L6 AR-1254-1    | 6.440  | 5.345 | 24450223 | 58628103 | 267.981  | 216.880    |
| 27)                         | L6 AR-1254-2    | 6.656  | 5.490 | 22253576 | 42385720 | 151.725  | 176.485    |
| 28)                         | L6 AR-1254-3    | 7.023  | 5.899 | 10838889 | 88107572 | 65.488   | 207.022 #  |
| 29)                         | L6 AR-1254-4    | 7.306  | 6.111 | 7550953  | 7727868  | 55.566   | 26.617 #   |
| 30)                         | L6 AR-1254-5    | 7.723  | 6.521 | 88113107 | 185.0E6  | 618.754  | 446.617 #  |
| 31)                         | L7 AR-1260-1    | 7.184  | 6.013 | 58310737 | 131.0E6  | 378.109  | 365.535    |
| 32)                         | L7 AR-1260-2    | 7.440  | 6.198 | 77957901 | 175.2E6  | 372.994  | 364.013    |
| 33)                         | L7 AR-1260-3    | 7.723  | 6.349 | 88113107 | 157.4E6  | 373.342  | 365.168    |
| 34)                         | L7 AR-1260-4    | 8.023  | 6.813 | 63117694 | 136.0E6  | 378.044  | 370.582    |
| 35)                         | L7 AR-1260-5    | 8.339  | 7.054 | 149.8E6  | 368.1E6  | 381.375  | 359.899    |
| 36)                         | L8 AR-1262-1    | 7.796  | 6.557 | 64973457 | 157.3E6  | 417.828  | 444.834    |
| 37)                         | L8 AR-1262-2    | 8.339  | 7.054 | 149.8E6  | 368.1E6  | 538.266  | 531.924    |
| 38)                         | L8 AR-1262-3    | 8.662  | 7.333 | 88403828 | 84313445 | 473.417  | 293.062 #  |
| 39)                         | L8 AR-1262-4    | 8.717  | 7.397 | 53565937 | 252.2E6  | 382.838  | 497.603 #  |
| 40)                         | L8 AR-1262-5    | 9.379  | 7.887 | 37693607 | 85859228 | 369.382  | 342.520    |
| 41)                         | L9 AR-1268-1    | 8.662  | 7.333 | 88403828 | 84313445 | 156.442  | 61.511 #   |
| 42)                         | L9 AR-1268-2    | 8.717  | 7.397 | 53565937 | 252.2E6  | 110.980  | 205.910 #  |

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 Operator : SM\SJ  
 Sample : AR1660CCC400  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 AR1660344

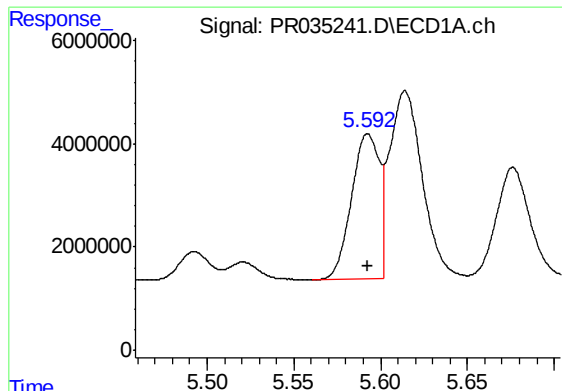
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 10 01:11:14 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR010419CLP.M  
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 Integrator: ChemStation

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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

|        | Compound  | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|--------|-----------|-------|-------|----------|----------|---------|---------|
| 43) L9 | AR-1268-3 | 8.959 | 7.599 | 2004255  | 4416381  | 4.567   | 4.135   |
| 44) L9 | AR-1268-4 | 9.379 | 7.887 | 37693607 | 85859228 | 215.130 | 199.895 |
| 45) L9 | AR-1268-5 | 9.783 | 8.159 | 9165881  | 21260458 | 6.774   | 6.338   |

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

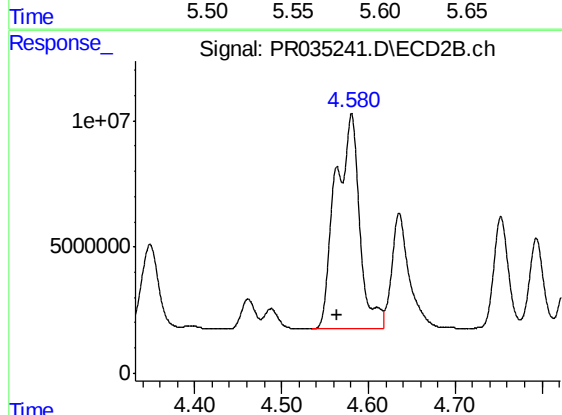




#3 AR-1016-1

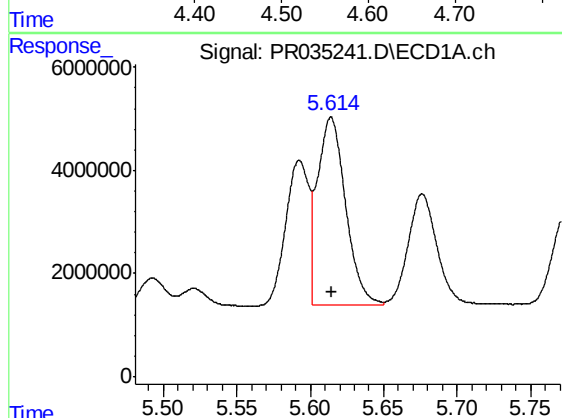
R.T.: 5.593 min  
Delta R.T.: 0.000 min  
Response: 31291249  
Conc: 374.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1660344



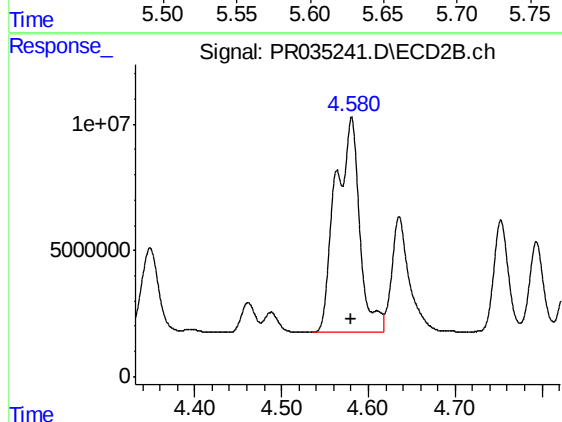
#3 AR-1016-1

R.T.: 4.581 min  
Delta R.T.: 0.017 min  
Response: 163609148  
Conc: 992.52 ng/ml



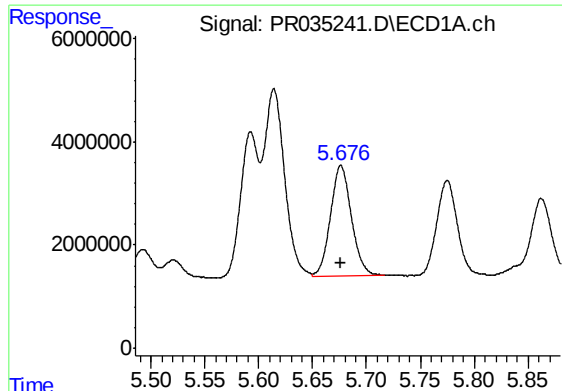
#4 AR-1016-2

R.T.: 5.614 min  
Delta R.T.: 0.000 min  
Response: 48337344  
Conc: 386.71 ng/ml



#4 AR-1016-2

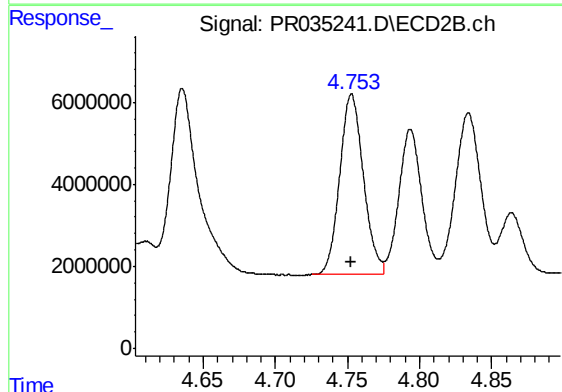
R.T.: 4.581 min  
Delta R.T.: 0.000 min  
Response: 163609148  
Conc: 635.25 ng/ml



#5 AR-1016-3

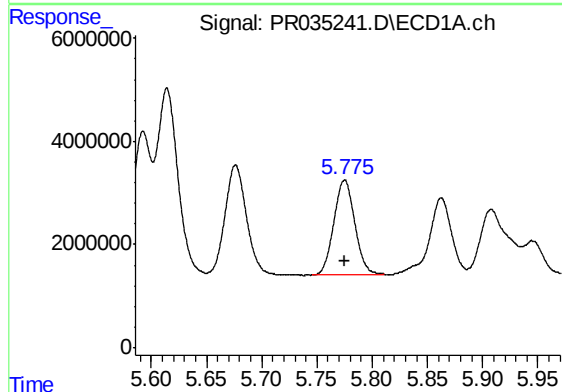
R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 28904708  
Conc: 378.76 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1660344



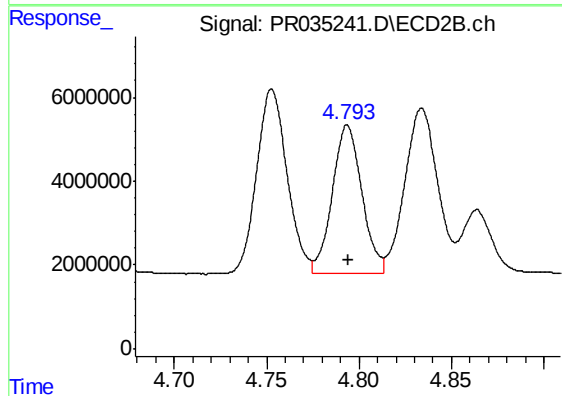
#5 AR-1016-3

R.T.: 4.753 min  
Delta R.T.: 0.000 min  
Response: 50267623  
Conc: 379.45 ng/ml



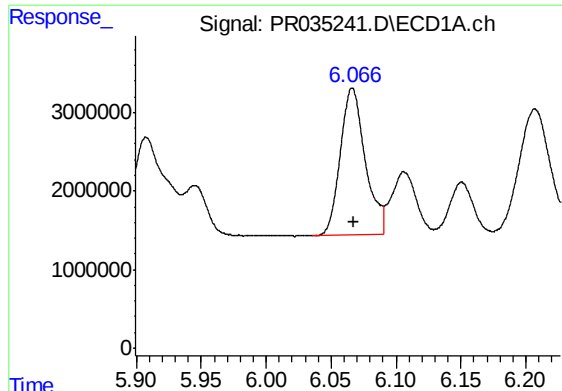
#6 AR-1016-4

R.T.: 5.775 min  
Delta R.T.: 0.000 min  
Response: 24099368  
Conc: 377.72 ng/ml



#6 AR-1016-4

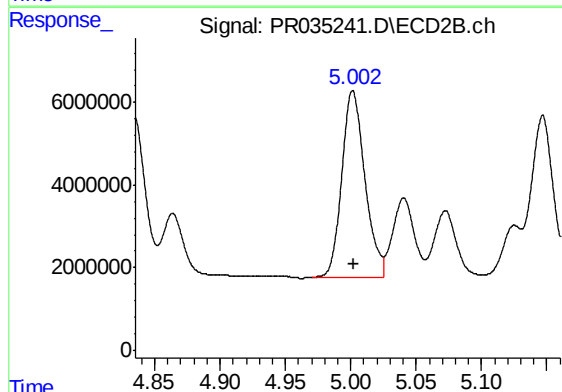
R.T.: 4.794 min  
Delta R.T.: 0.000 min  
Response: 39154400  
Conc: 380.09 ng/ml



#7 AR-1016-5

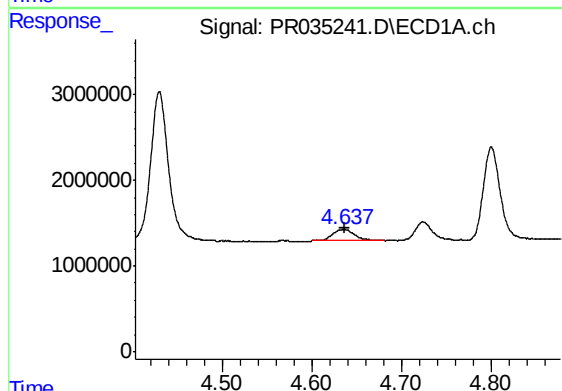
R.T.: 6.066 min  
Delta R.T.: 0.000 min  
Response: 25048454  
Conc: 376.07 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1660344



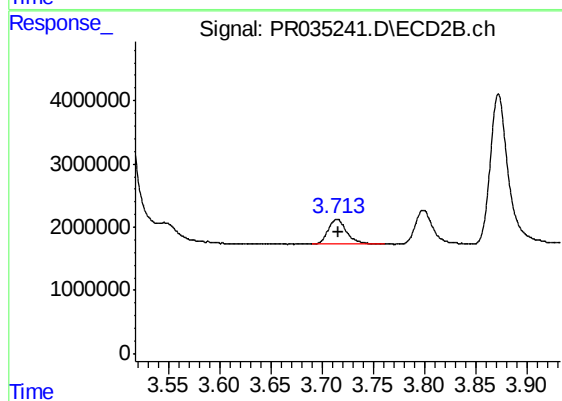
#7 AR-1016-5

R.T.: 5.002 min  
Delta R.T.: 0.000 min  
Response: 55562883  
Conc: 372.99 ng/ml



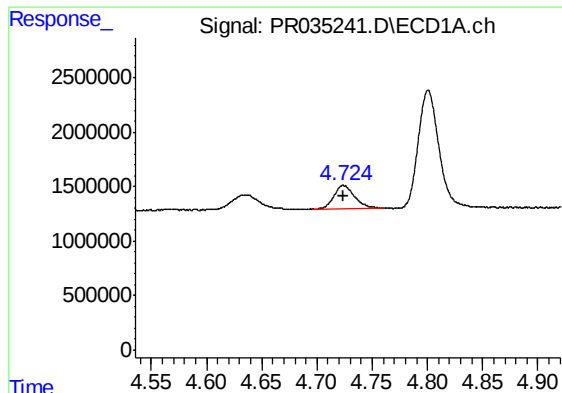
#8 AR-1221-1

R.T.: 4.635 min  
Delta R.T.: -0.002 min  
Response: 2188702  
Conc: 144.75 ng/ml



#8 AR-1221-1

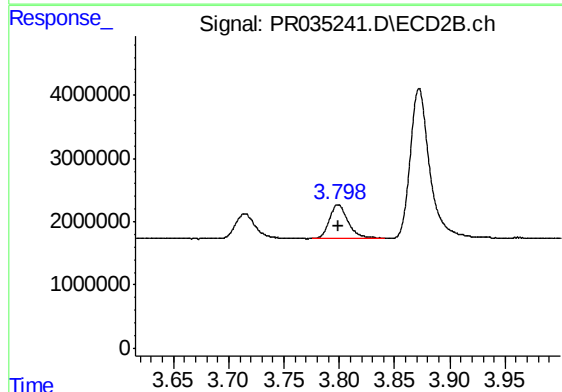
R.T.: 3.715 min  
Delta R.T.: 0.000 min  
Response: 4913401  
Conc: 155.47 ng/ml



#9 AR-1221-2

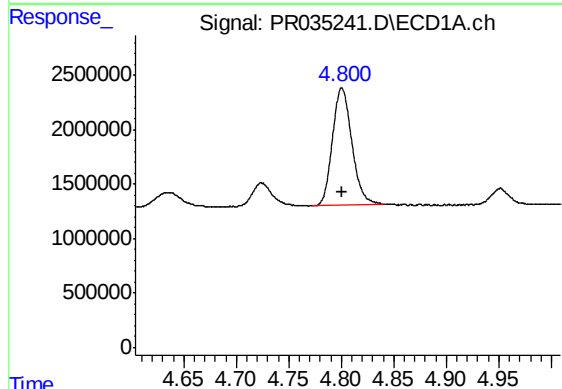
R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 2841812  
Conc: 267.77 ng/ml

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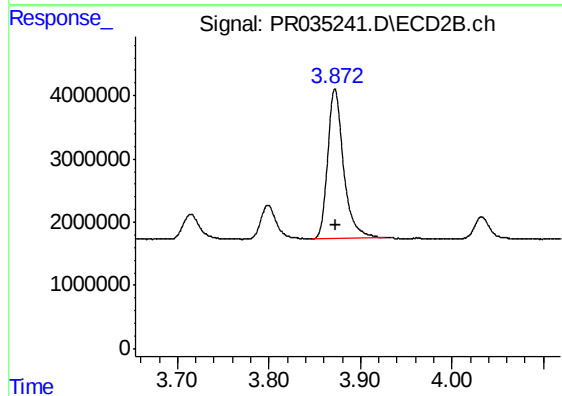
#9 AR-1221-2

R.T.: 3.799 min  
Delta R.T.: 0.000 min  
Response: 6312928  
Conc: 279.15 ng/ml



#10 AR-1221-3

R.T.: 4.801 min  
Delta R.T.: 0.000 min  
Response: 13773220  
Conc: 356.50 ng/ml



#10 AR-1221-3

R.T.: 3.872 min  
Delta R.T.: 0.000 min  
Response: 28307860  
Conc: 352.26 ng/ml