

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051424\  
 Data File : PP064918.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 May 2024 18:02  
 Operator : YP\AJ  
 Sample : P2403-07  
 Misc : AR1262 LOD 25 PPB  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 15 01:42:52 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051324.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 14 06:05:56 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...          | 4.254 | 3.369  | 42477115 | 59104949 | 22.334 | 26.256   |
| 2) SA Decachlor...          | 9.906 | 8.262  | 19126517 | 45881368 | 26.637 | 26.196   |
| Target Compounds            |       |        |          |          |        |          |
| 3) L1 AR-1016-1             | 0.000 | 4.441  | 0        | 1073097  | N.D.   | 13.978 # |
| 4) L1 AR-1016-2             | 0.000 | 4.441  | 0        | 1073097  | N.D.   | 9.972 #  |
| 6) L1 AR-1016-4             | 0.000 | 4.668  | 0        | 424808   | N.D.   | 8.745 #  |
| 9) L2 AR-1221-2             | 4.558 | 3.659  | 407353   | 776285   | 24.443 | 33.349 # |
| 12) L3 AR-1232-2            | 0.000 | 4.441  | 0        | 1073097  | N.D.   | 20.429 # |
| 16) L4 AR-1242-1            | 0.000 | 4.441  | 0        | 1073097  | N.D.   | 16.022 # |
| 17) L4 AR-1242-2            | 0.000 | 4.441  | 0        | 1073097  | N.D.   | 11.602 # |
| 20) L4 AR-1242-5            | 0.000 | 5.208  | 0        | 354945   | N.D.   | 5.884 #  |
| 21) L5 AR-1248-1            | 0.000 | 4.441  | 0        | 1073097  | N.D.   | 21.710 # |
| 22) L5 AR-1248-2            | 0.000 | 4.668  | 0        | 424808   | N.D.   | 5.890 #  |
| 25) L5 AR-1248-5            | 0.000 | 5.231f | 0        | 720647   | N.D.   | 8.747 #  |
| 26) L6 AR-1254-1            | 6.275 | 5.208  | 376709   | 354945   | 8.790  | 2.712 #  |
| 27) L6 AR-1254-2            | 6.493 | 5.354  | 343344   | 481314   | 5.490  | 4.239    |
| 28) L6 AR-1254-3            | 0.000 | 5.766  | 0        | 2077828  | N.D.   | 11.747 # |
| 29) L6 AR-1254-4            | 0.000 | 6.007f | 0        | 510545   | N.D.   | 4.940 #  |
| 30) L6 AR-1254-5            | 7.565 | 6.391  | 799092   | 1920017  | 17.739 | 12.785 # |
| 31) L7 AR-1260-1            | 7.027 | 5.879  | 924300   | 3356286  | 18.518 | 27.939 # |
| 32) L7 AR-1260-2            | 7.285 | 6.068  | 1034918  | 3096924  | 20.509 | 22.878   |
| 33) L7 AR-1260-3            | 7.646 | 6.219  | 1316483  | 2513340  | 33.964 | 18.981 # |
| 34) L7 AR-1260-4            | 7.871 | 6.687  | 1265617  | 3330840  | 28.849 | 31.296   |
| 35) L7 AR-1260-5            | 8.181 | 6.929  | 2063867  | 6267306  | 28.465 | 27.061   |
| 36) L8 AR-1262-1            | 7.703 | 6.483  | 488683   | 1494226  | 18.956 | 21.052   |
| 37) L8 AR-1262-2            | 8.181 | 6.687  | 2063867  | 3330840  | 23.599 | 23.385   |
| 38) L8 AR-1262-3            | 8.483 | 7.210  | 1500073  | 2480564  | 24.124 | 23.425   |
| 39) L8 AR-1262-4            | 8.569 | 7.273  | 1088213  | 4647432  | 22.352 | 24.125   |
| 40) L8 AR-1262-5            | 9.194 | 7.765  | 668495   | 2049455  | 21.418 | 23.123   |
| 41) L9 AR-1268-1            | 8.483 | 7.210  | 1500073  | 2480564  | 14.087 | 8.616 #  |
| 42) L9 AR-1268-2            | 8.569 | 7.273  | 1088213  | 4647432  | 11.651 | 17.561 # |
| 44) L9 AR-1268-4            | 9.194 | 7.765  | 668495   | 2049455  | 20.169 | 21.796   |
| 45) L9 AR-1268-5            | 0.000 | 8.034  | 0        | 1075304  | N.D.   | 1.679 #  |
| -----                       |       |        |          |          |        |          |

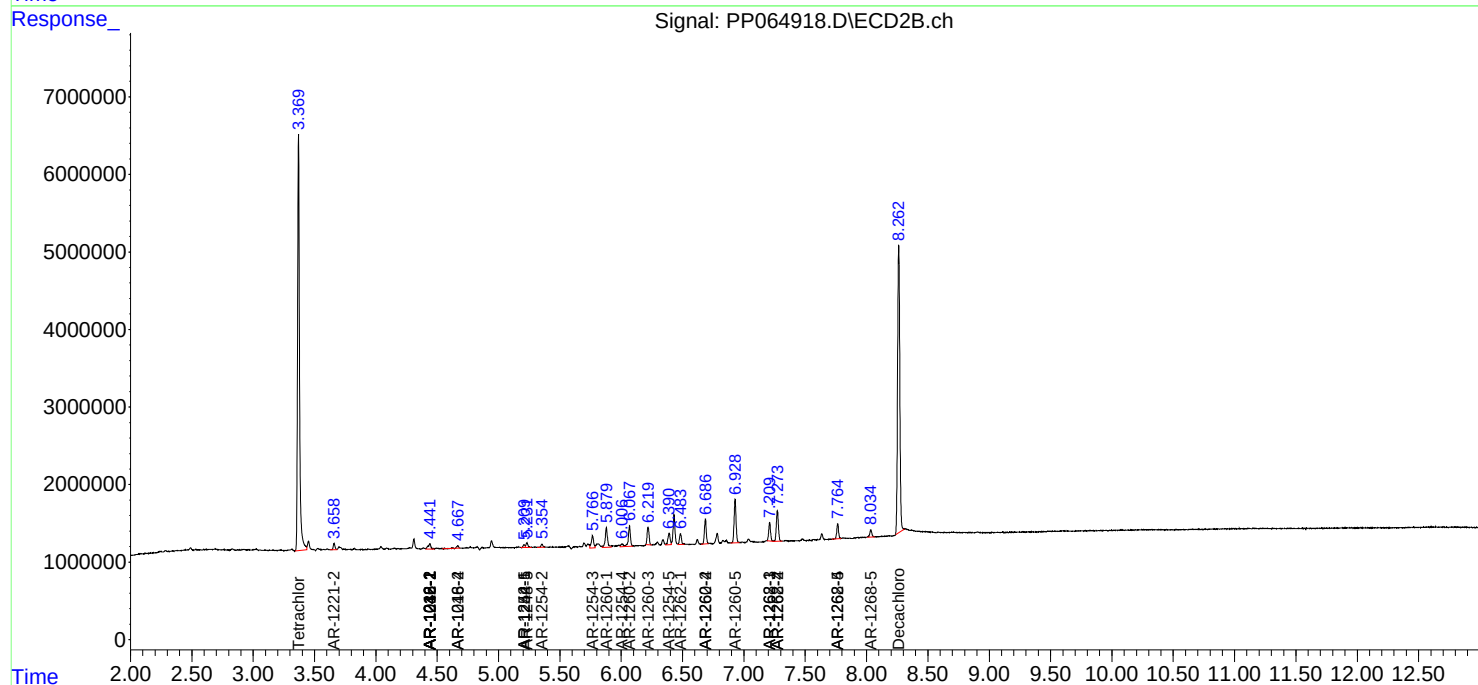
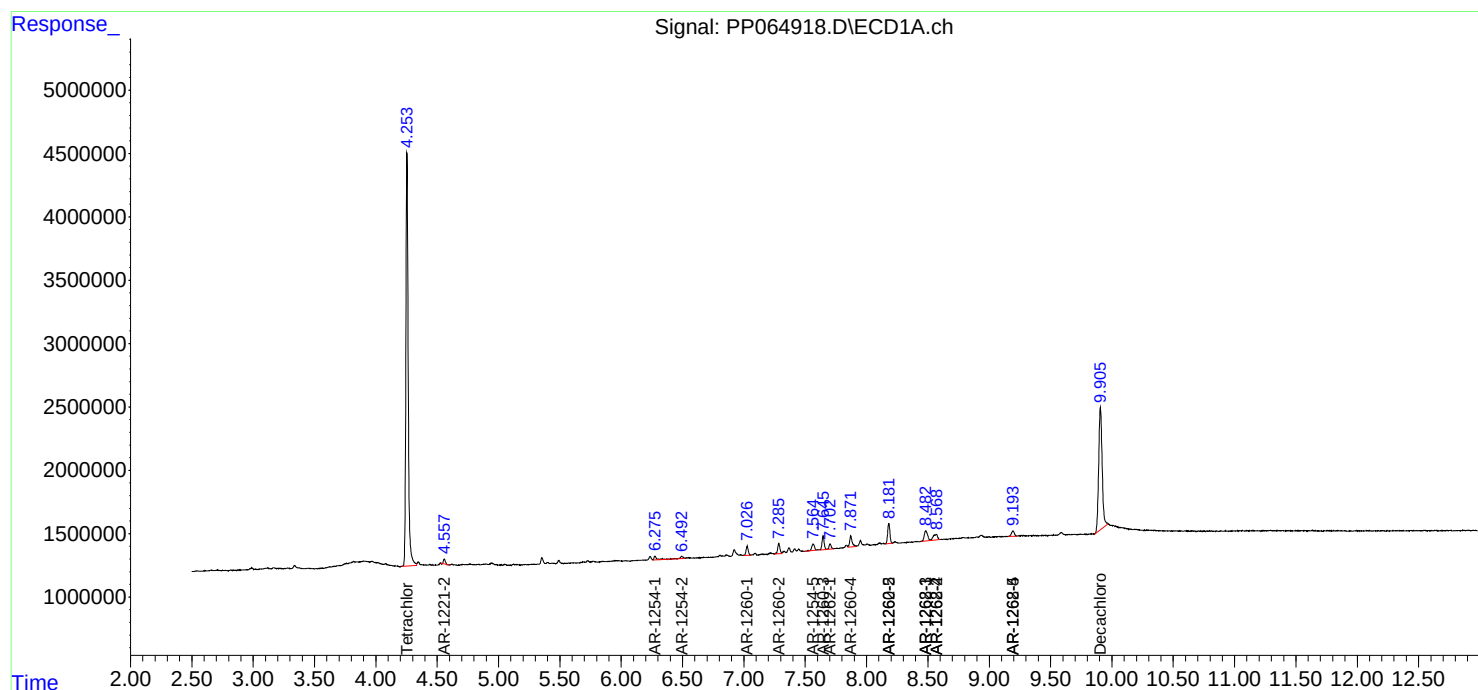
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

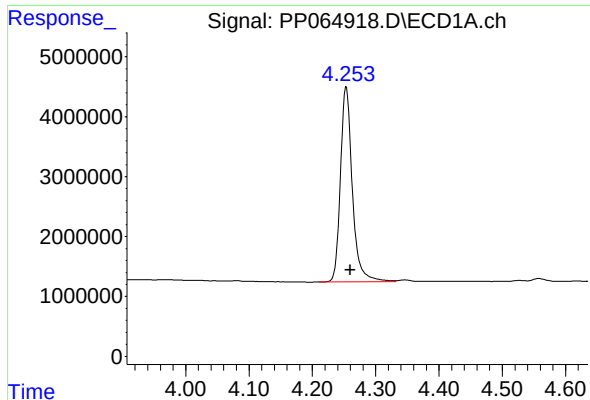
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051424\  
Data File : PP064918.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 May 2024 18:02  
Operator : YP\AJ  
Sample : P2403-07  
Misc : AR1262 LOD 25 PPB  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 15 01:42:52 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051324.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 14 06:05:56 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

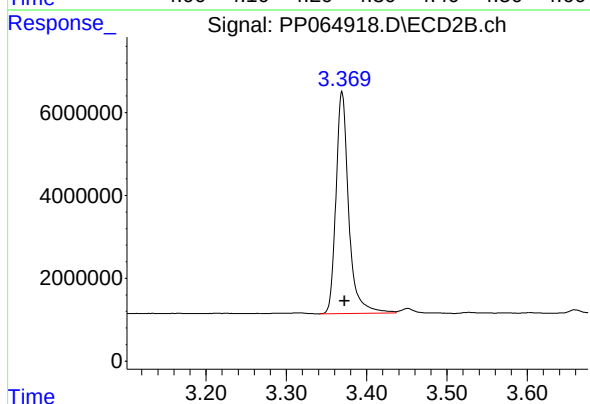




#1 Tetrachloro-m-xylene

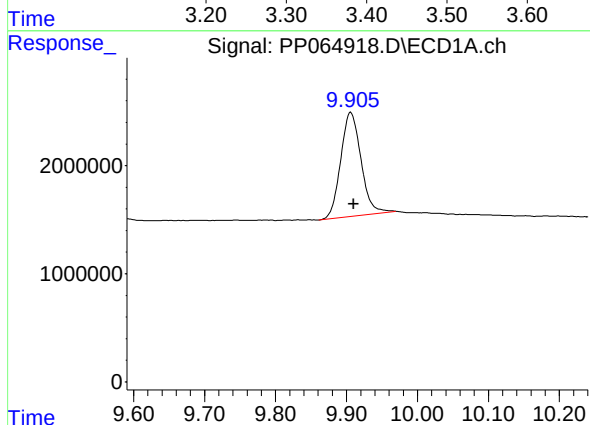
R.T.: 4.254 min  
Delta R.T.: -0.006 min  
Response: 42477115  
Conc: 22.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



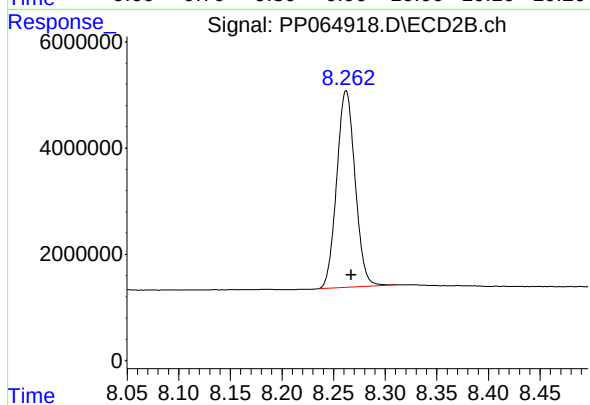
#1 Tetrachloro-m-xylene

R.T.: 3.369 min  
Delta R.T.: -0.003 min  
Response: 59104949  
Conc: 26.26 ng/ml



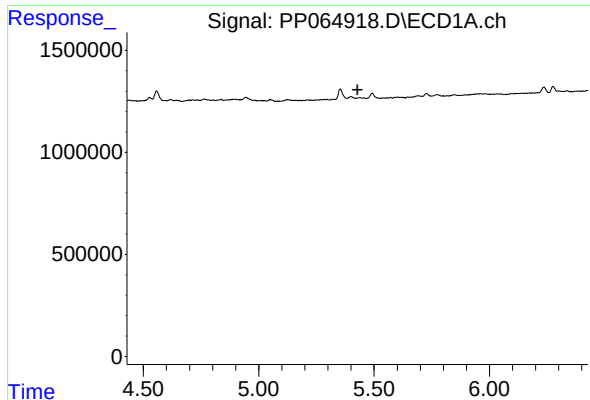
#2 Decachlorobiphenyl

R.T.: 9.906 min  
Delta R.T.: -0.004 min  
Response: 19126517  
Conc: 26.64 ng/ml



#2 Decachlorobiphenyl

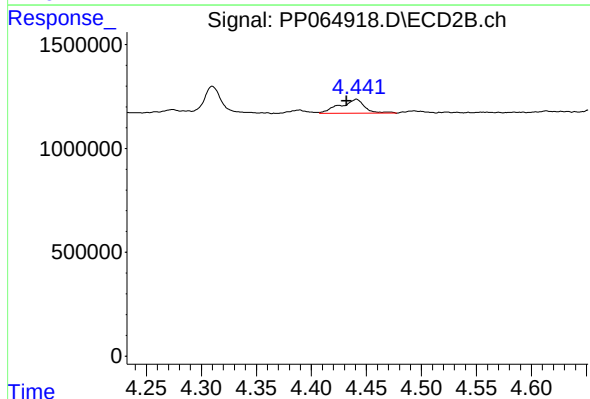
R.T.: 8.262 min  
Delta R.T.: -0.005 min  
Response: 45881368  
Conc: 26.20 ng/ml



#3 AR-1016-1

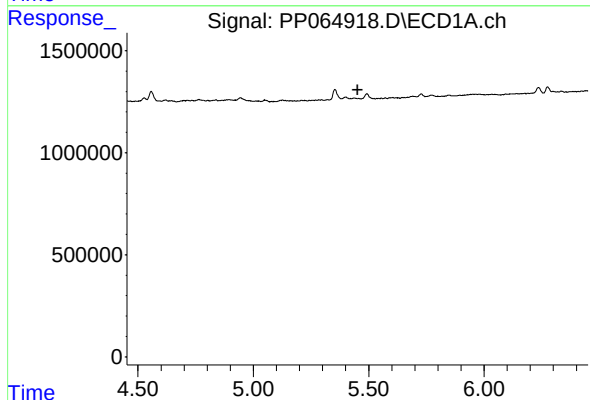
R.T.: 0.000 min  
Exp R.T.: 5.429 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



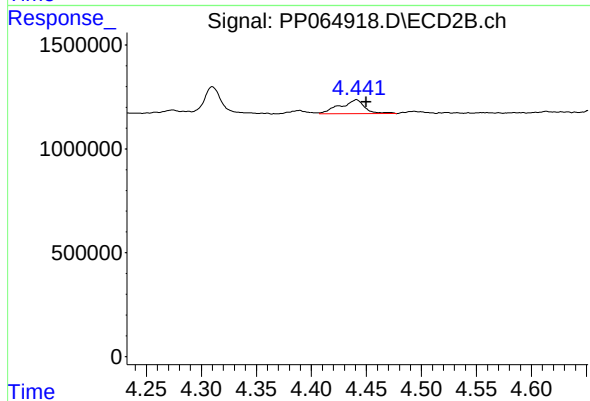
#3 AR-1016-1

R.T.: 4.441 min  
Delta R.T.: 0.009 min  
Response: 1073097  
Conc: 13.98 ng/ml



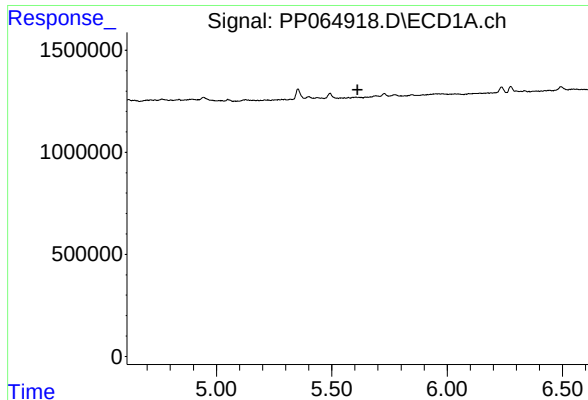
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.451 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

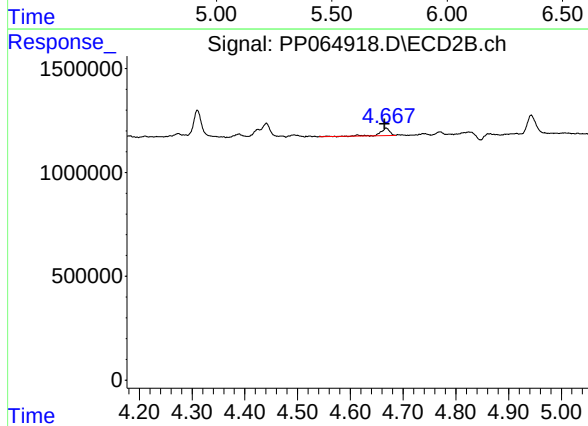
R.T.: 4.441 min  
Delta R.T.: -0.009 min  
Response: 1073097  
Conc: 9.97 ng/ml



#6 AR-1016-4

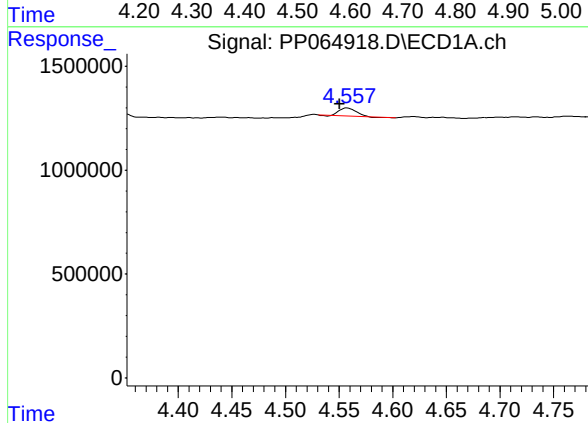
R.T.: 0.000 min  
Exp R.T.: 5.612 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



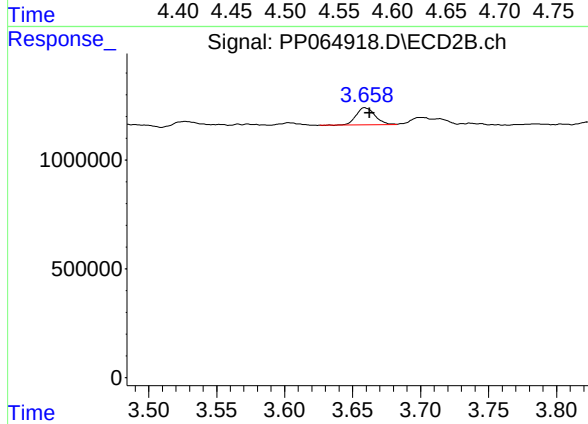
#6 AR-1016-4

R.T.: 4.668 min  
Delta R.T.: 0.003 min  
Response: 424808  
Conc: 8.74 ng/ml



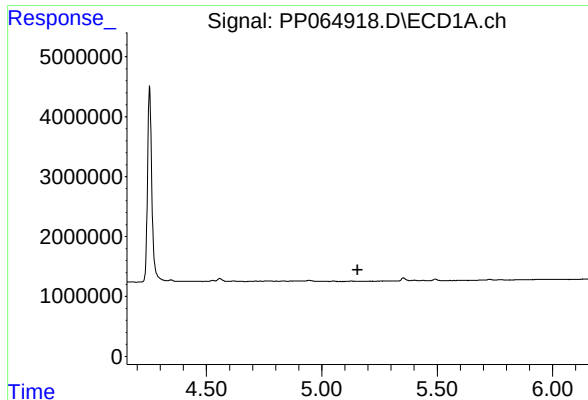
#9 AR-1221-2

R.T.: 4.558 min  
Delta R.T.: 0.007 min  
Response: 407353  
Conc: 24.44 ng/ml



#9 AR-1221-2

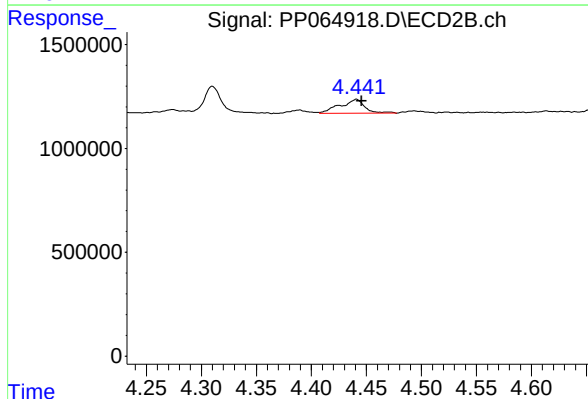
R.T.: 3.659 min  
Delta R.T.: -0.003 min  
Response: 776285  
Conc: 33.35 ng/ml



#12 AR-1232-2

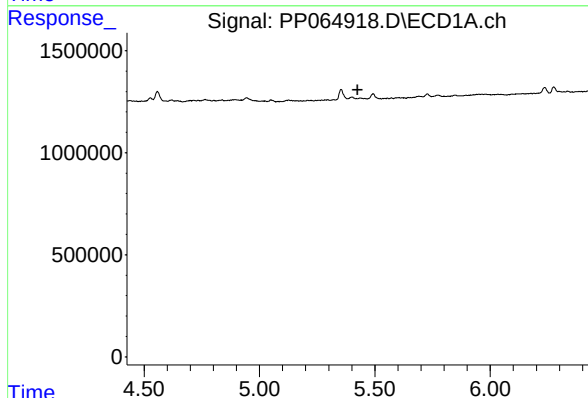
R.T.: 0.000 min  
Exp R.T.: 5.154 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



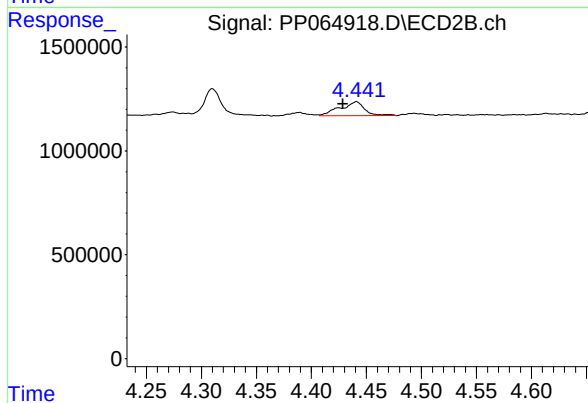
#12 AR-1232-2

R.T.: 4.441 min  
Delta R.T.: -0.005 min  
Response: 1073097  
Conc: 20.43 ng/ml



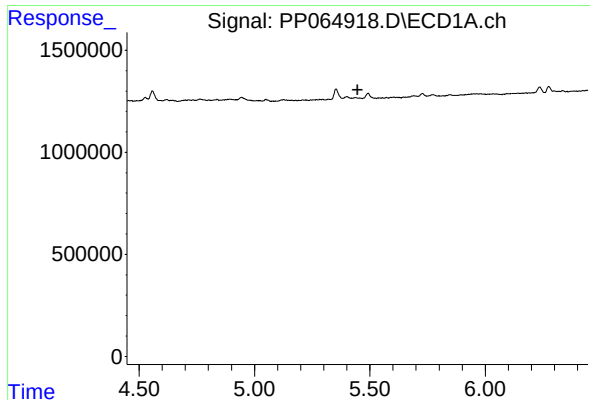
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.425 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

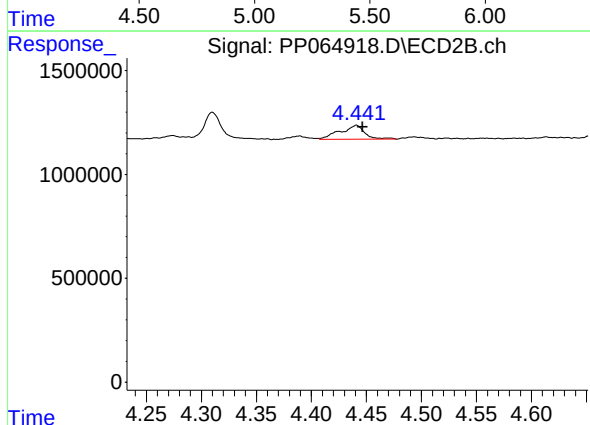
R.T.: 4.441 min  
Delta R.T.: 0.012 min  
Response: 1073097  
Conc: 16.02 ng/ml



#17 AR-1242-2

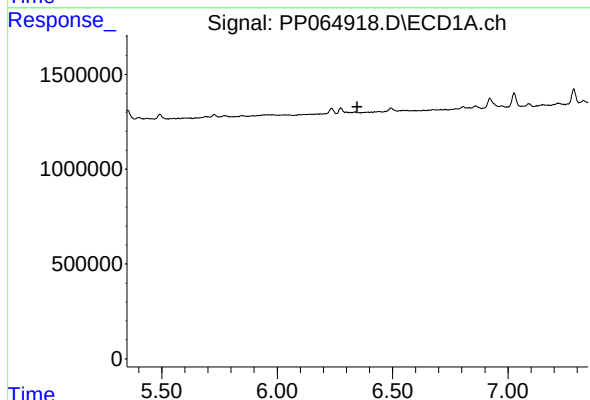
R.T.: 0.000 min  
Exp R.T.: 5.447 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



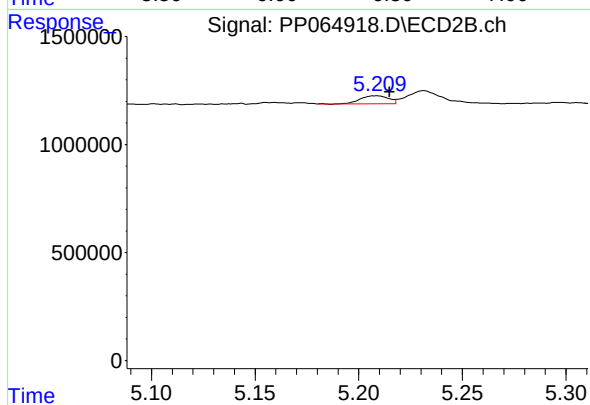
#17 AR-1242-2

R.T.: 4.441 min  
Delta R.T.: -0.006 min  
Response: 1073097  
Conc: 11.60 ng/ml



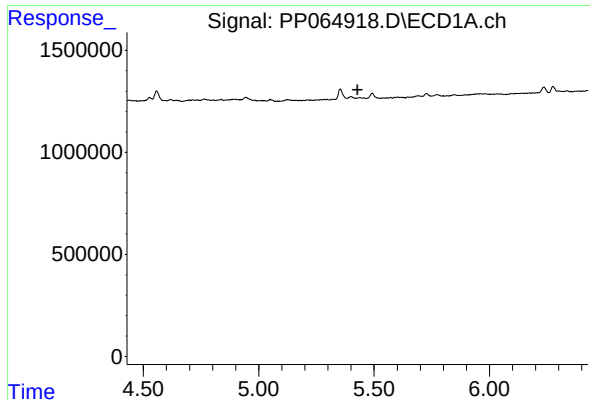
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.347 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

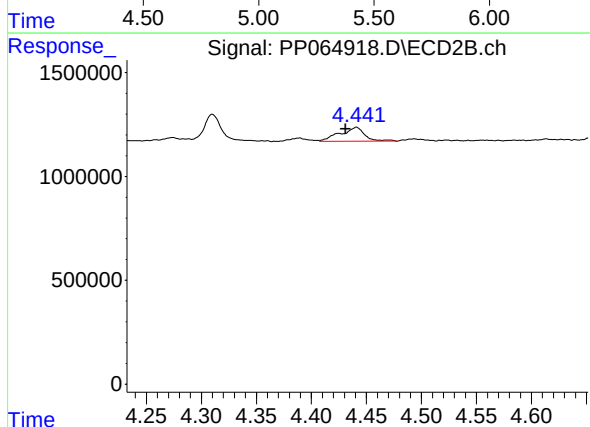
R.T.: 5.208 min  
Delta R.T.: -0.007 min  
Response: 354945  
Conc: 5.88 ng/ml



#21 AR-1248-1

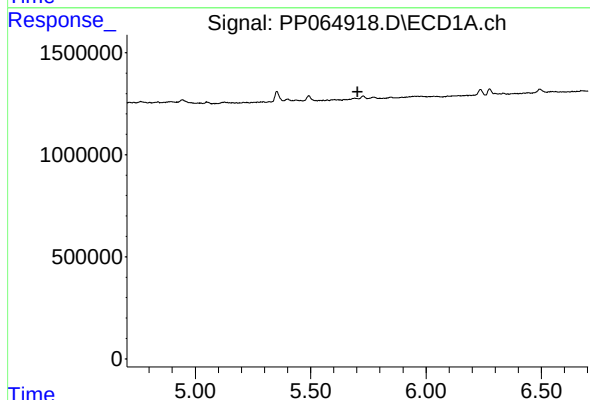
R.T.: 0.000 min  
Exp R.T.: 5.428 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



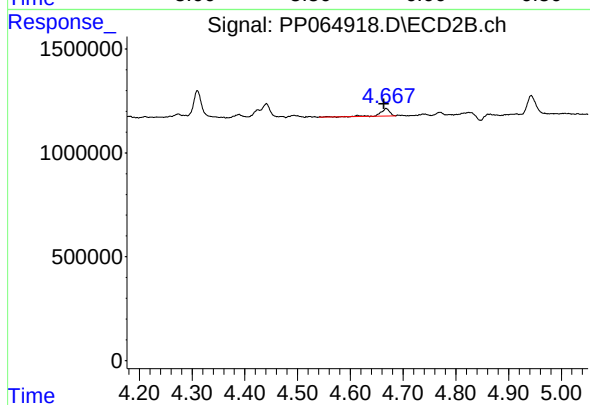
#21 AR-1248-1

R.T.: 4.441 min  
Delta R.T.: 0.010 min  
Response: 1073097  
Conc: 21.71 ng/ml



#22 AR-1248-2

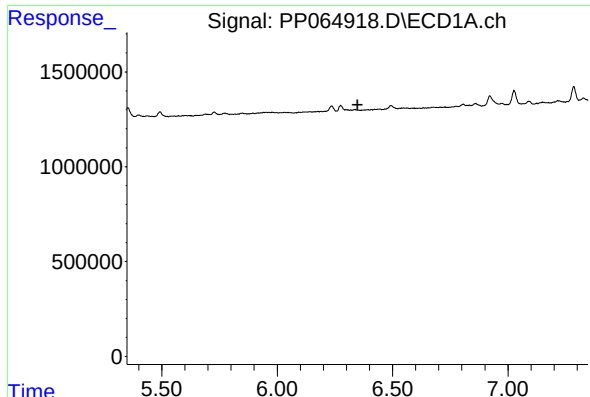
R.T.: 0.000 min  
Exp R.T.: 5.703 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

R.T.: 4.668 min  
Delta R.T.: 0.004 min  
Response: 424808  
Conc: 5.89 ng/ml

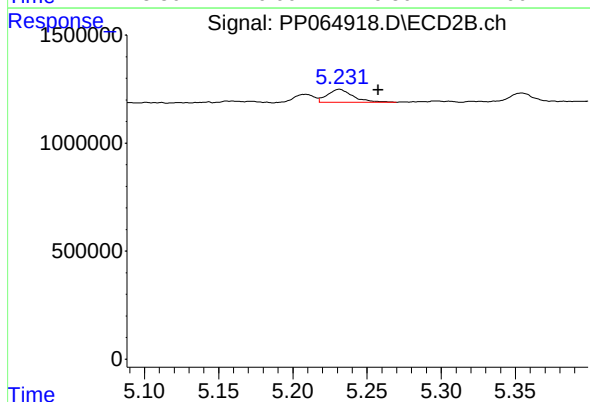




#25 AR-1248-5

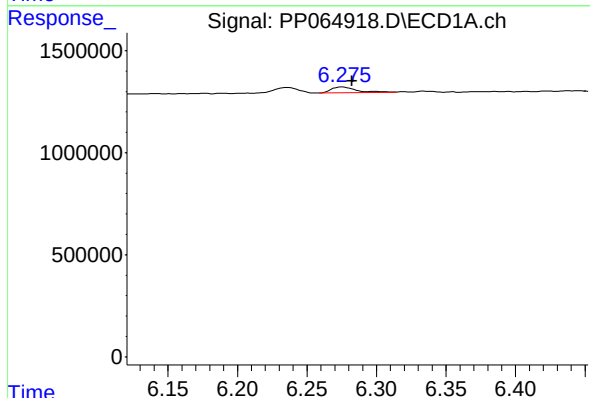
R.T.: 0.000 min  
Exp R.T.: 6.349 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



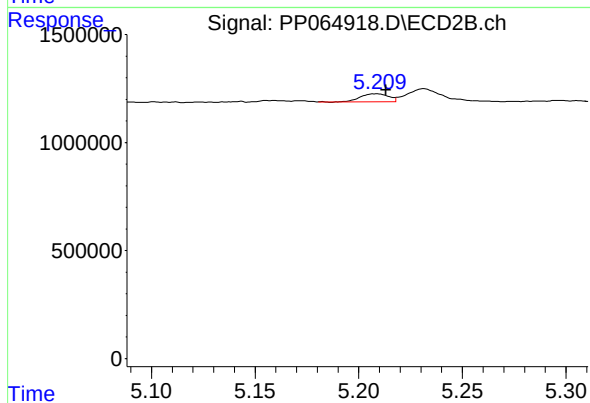
#25 AR-1248-5

R.T.: 5.231 min  
Delta R.T.: -0.026 min  
Response: 720647  
Conc: 8.75 ng/ml



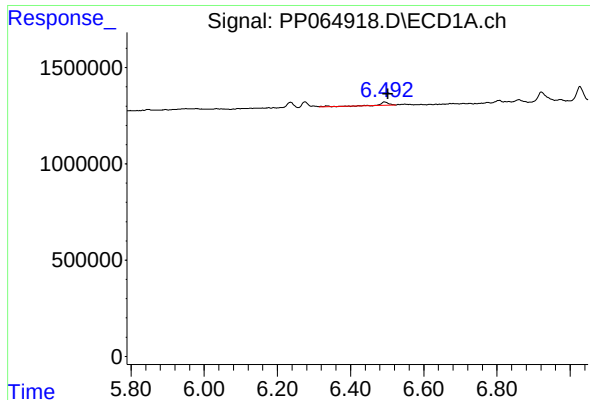
#26 AR-1254-1

R.T.: 6.275 min  
Delta R.T.: -0.007 min  
Response: 376709  
Conc: 8.79 ng/ml



#26 AR-1254-1

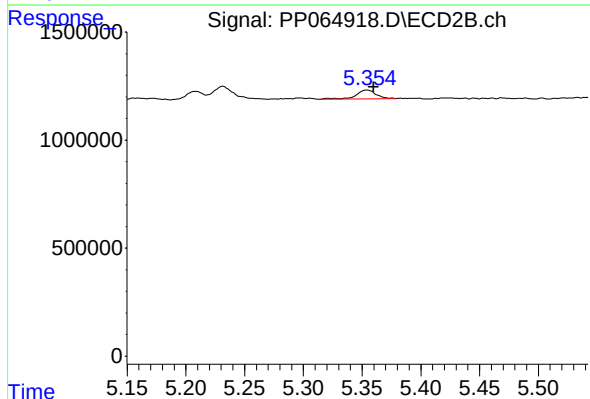
R.T.: 5.208 min  
Delta R.T.: -0.005 min  
Response: 354945  
Conc: 2.71 ng/ml



#27 AR-1254-2

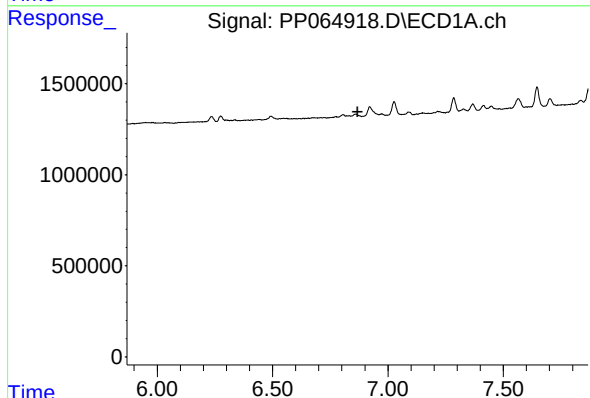
R.T.: 6.493 min  
Delta R.T.: -0.009 min  
Response: 343344  
Conc: 5.49 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



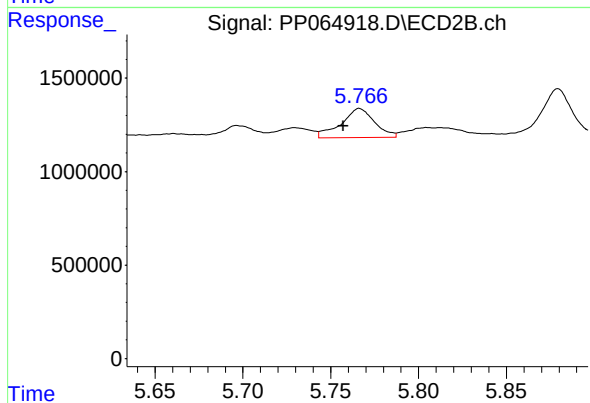
#27 AR-1254-2

R.T.: 5.354 min  
Delta R.T.: -0.006 min  
Response: 481314  
Conc: 4.24 ng/ml



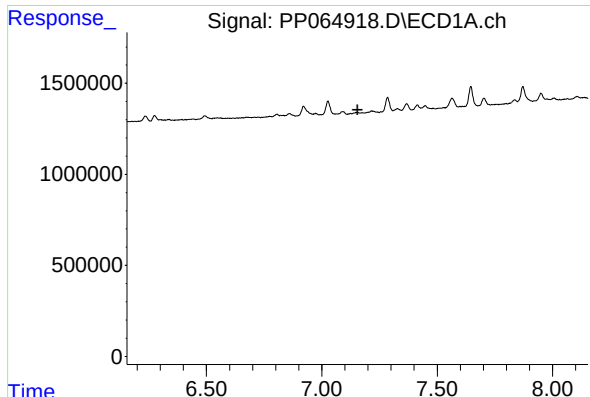
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 6.868 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

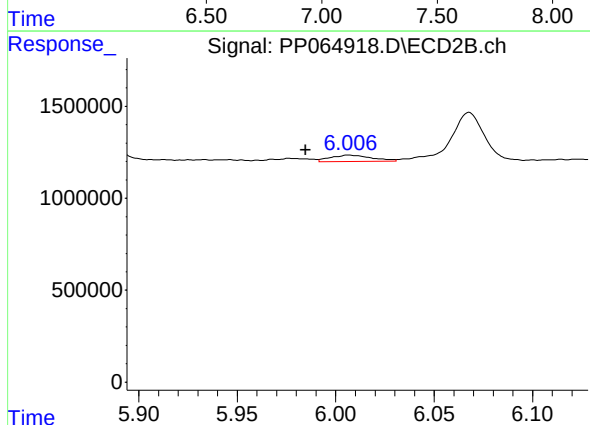
R.T.: 5.766 min  
Delta R.T.: 0.009 min  
Response: 2077828  
Conc: 11.75 ng/ml



#29 AR-1254-4

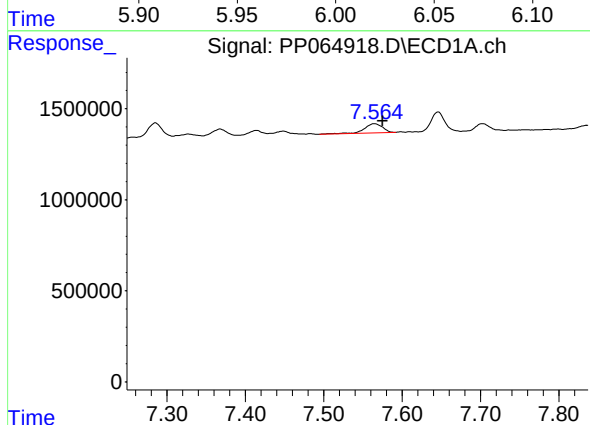
R.T.: 0.000 min  
Exp R.T.: 7.155 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



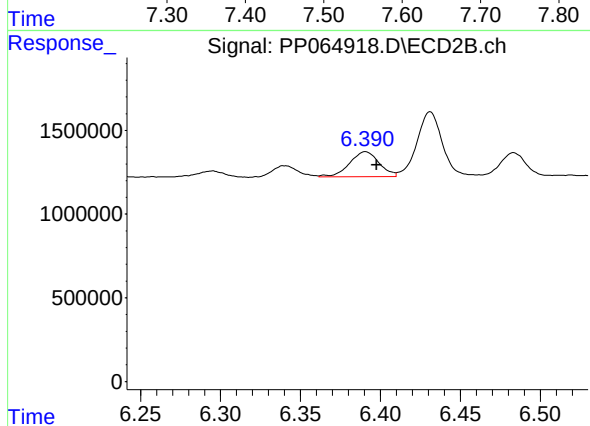
#29 AR-1254-4

R.T.: 6.007 min  
Delta R.T.: 0.022 min  
Response: 510545  
Conc: 4.94 ng/ml



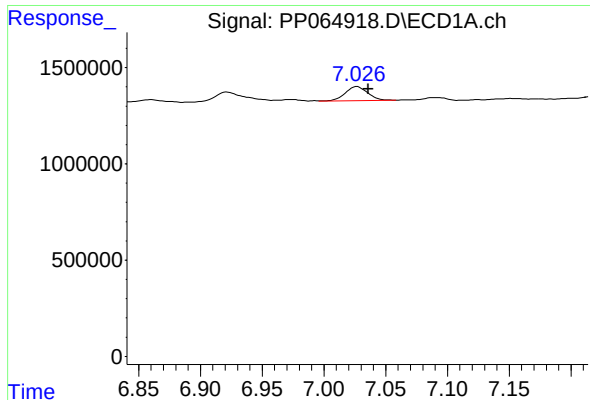
#30 AR-1254-5

R.T.: 7.565 min  
Delta R.T.: -0.010 min  
Response: 799092  
Conc: 17.74 ng/ml



#30 AR-1254-5

R.T.: 6.391 min  
Delta R.T.: -0.007 min  
Response: 1920017  
Conc: 12.78 ng/ml



#31 AR-1260-1

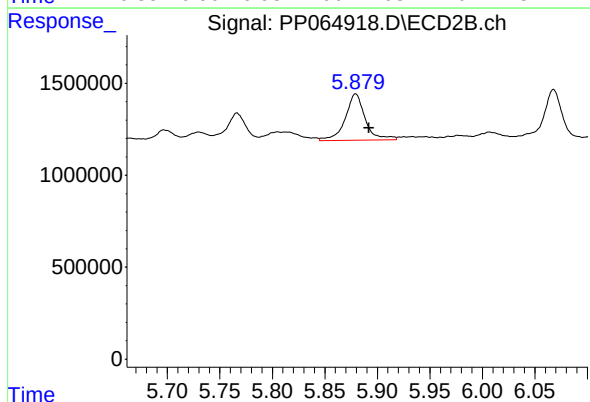
R.T.: 7.027 min  
Delta R.T.: -0.009 min  
Response: 924300  
Conc: 18.52 ng/ml

Instrument :

ECD\_P

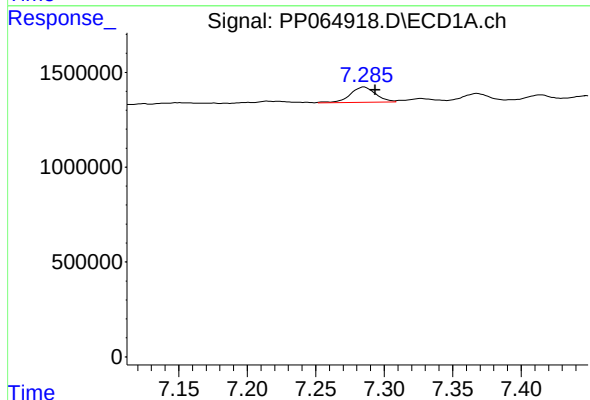
ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



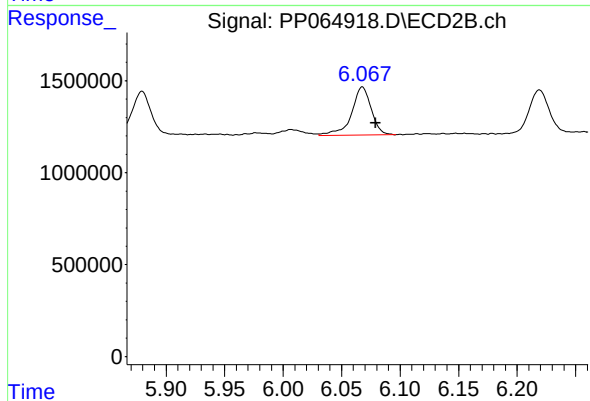
#31 AR-1260-1

R.T.: 5.879 min  
Delta R.T.: -0.013 min  
Response: 3356286  
Conc: 27.94 ng/ml



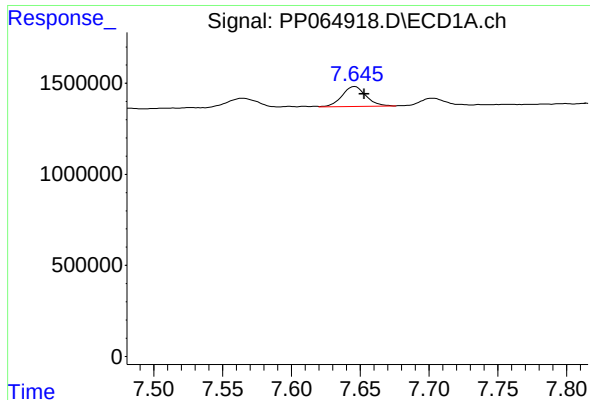
#32 AR-1260-2

R.T.: 7.285 min  
Delta R.T.: -0.008 min  
Response: 1034918  
Conc: 20.51 ng/ml



#32 AR-1260-2

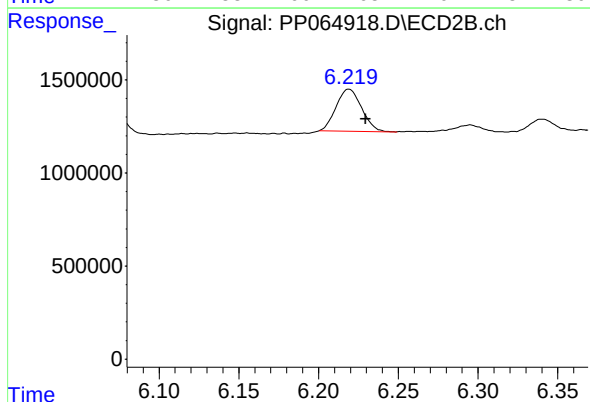
R.T.: 6.068 min  
Delta R.T.: -0.011 min  
Response: 3096924  
Conc: 22.88 ng/ml



#33 AR-1260-3

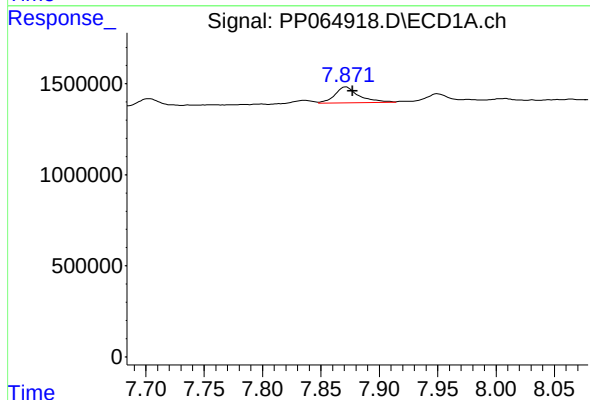
R.T.: 7.646 min  
Delta R.T.: -0.007 min  
Response: 1316483  
Conc: 33.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



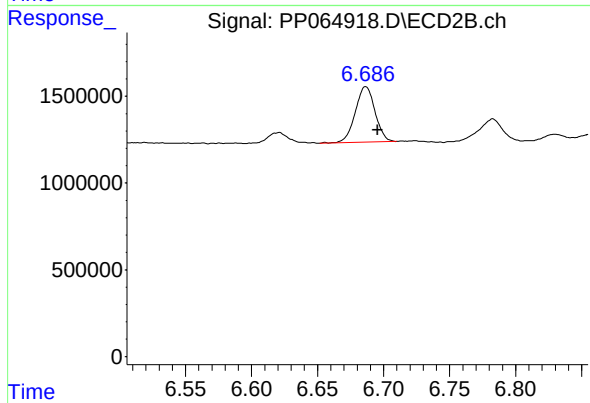
#33 AR-1260-3

R.T.: 6.219 min  
Delta R.T.: -0.011 min  
Response: 2513340  
Conc: 18.98 ng/ml



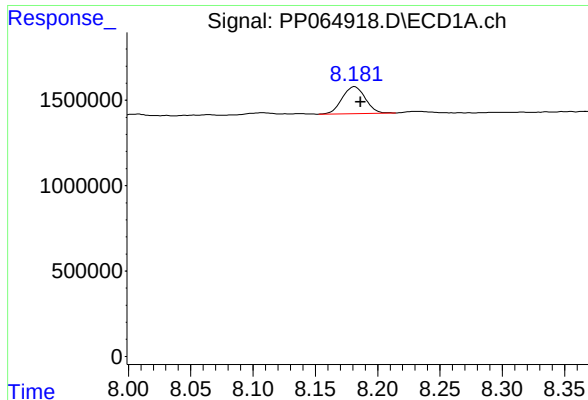
#34 AR-1260-4

R.T.: 7.871 min  
Delta R.T.: -0.006 min  
Response: 1265617  
Conc: 28.85 ng/ml



#34 AR-1260-4

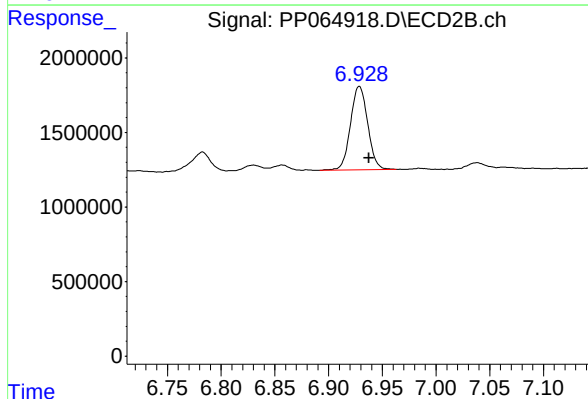
R.T.: 6.687 min  
Delta R.T.: -0.009 min  
Response: 3330840  
Conc: 31.30 ng/ml



#35 AR-1260-5

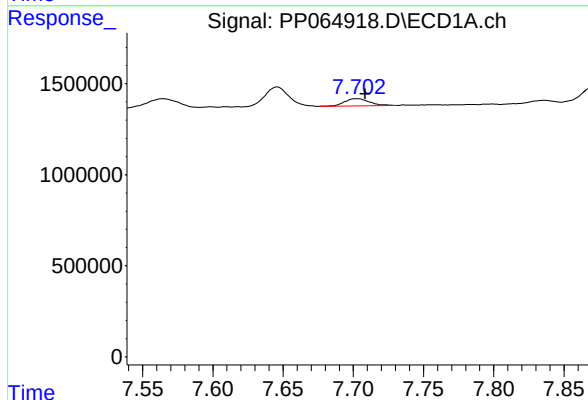
R.T.: 8.181 min  
Delta R.T.: -0.005 min  
Response: 2063867  
Conc: 28.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



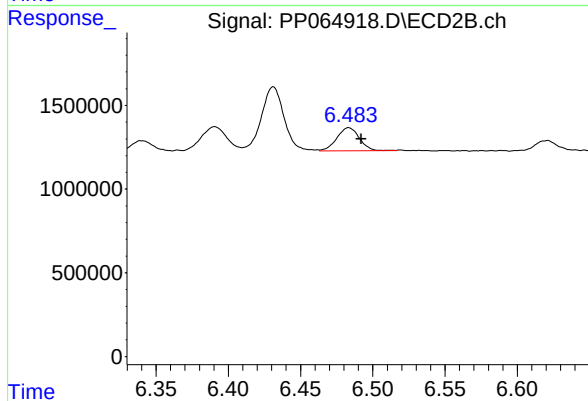
#35 AR-1260-5

R.T.: 6.929 min  
Delta R.T.: -0.009 min  
Response: 6267306  
Conc: 27.06 ng/ml



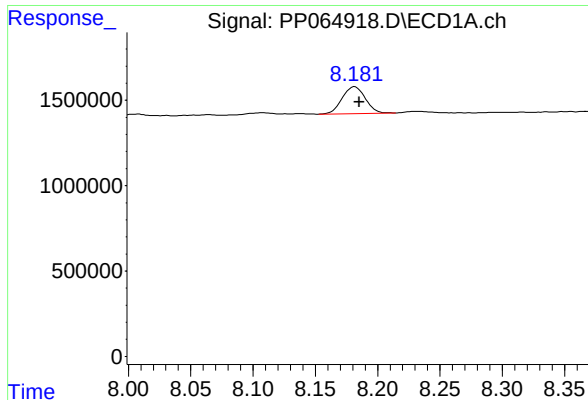
#36 AR-1262-1

R.T.: 7.703 min  
Delta R.T.: -0.006 min  
Response: 488683  
Conc: 18.96 ng/ml



#36 AR-1262-1

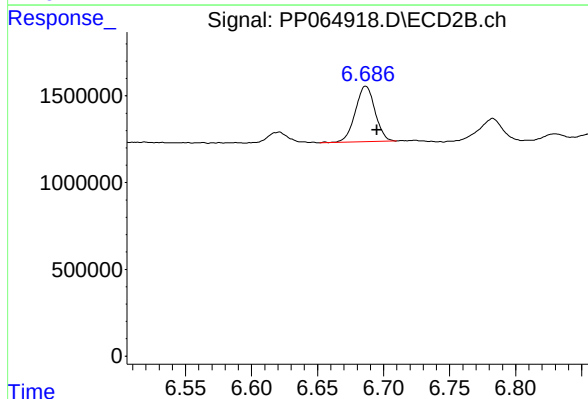
R.T.: 6.483 min  
Delta R.T.: -0.009 min  
Response: 1494226  
Conc: 21.05 ng/ml



#37 AR-1262-2

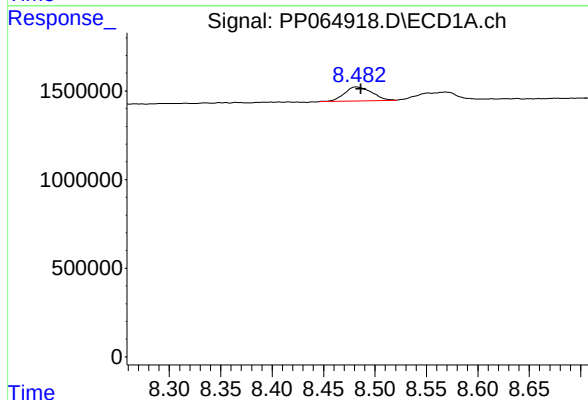
R.T.: 8.181 min  
Delta R.T.: -0.004 min  
Response: 2063867  
Conc: 23.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



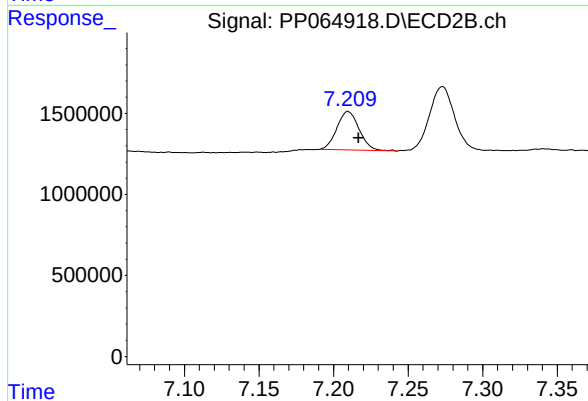
#37 AR-1262-2

R.T.: 6.687 min  
Delta R.T.: -0.008 min  
Response: 3330840  
Conc: 23.38 ng/ml



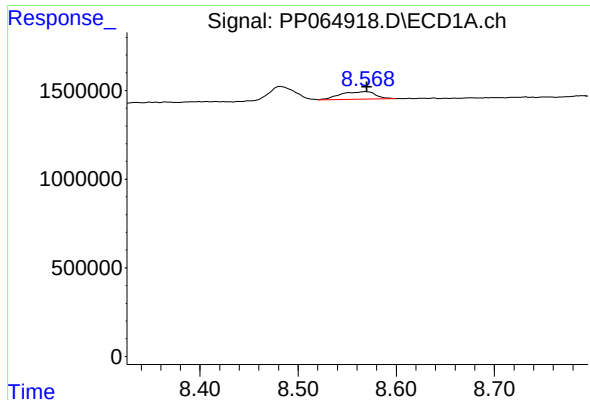
#38 AR-1262-3

R.T.: 8.483 min  
Delta R.T.: -0.004 min  
Response: 1500073  
Conc: 24.12 ng/ml



#38 AR-1262-3

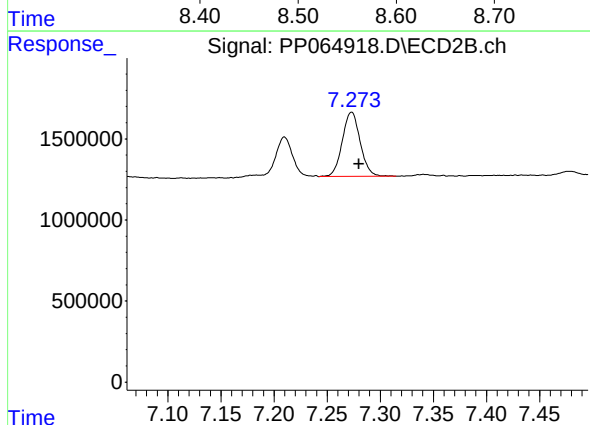
R.T.: 7.210 min  
Delta R.T.: -0.007 min  
Response: 2480564  
Conc: 23.42 ng/ml



#39 AR-1262-4

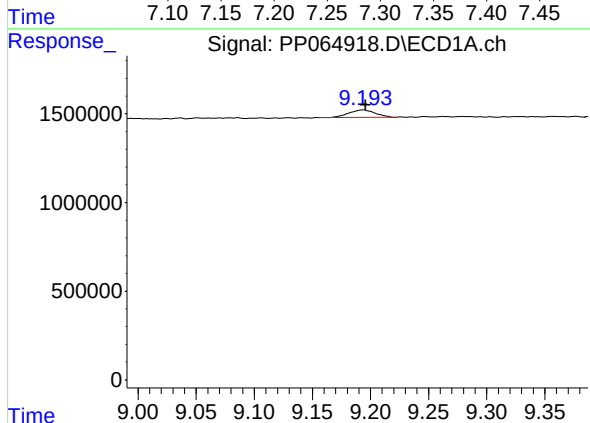
R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 1088213  
Conc: 22.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



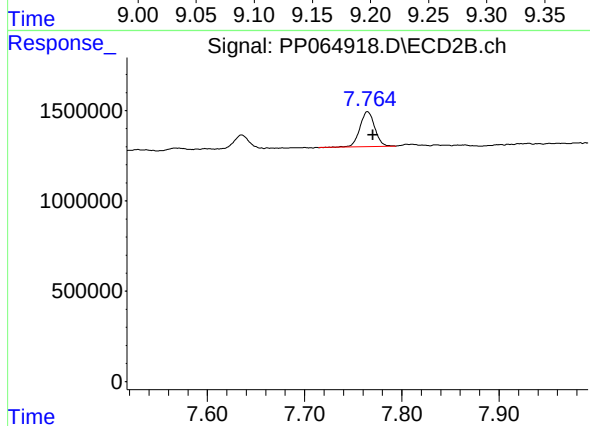
#39 AR-1262-4

R.T.: 7.273 min  
Delta R.T.: -0.007 min  
Response: 4647432  
Conc: 24.13 ng/ml



#40 AR-1262-5

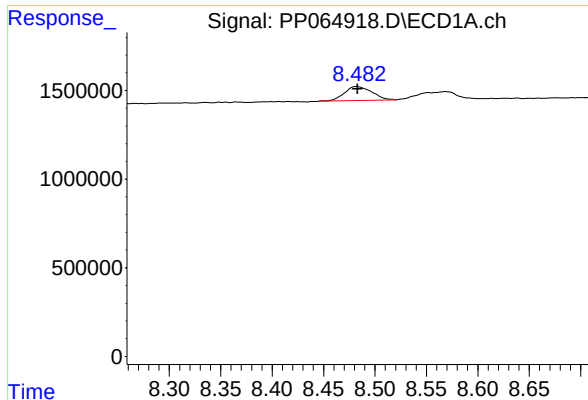
R.T.: 9.194 min  
Delta R.T.: -0.002 min  
Response: 668495  
Conc: 21.42 ng/ml



#40 AR-1262-5

R.T.: 7.765 min  
Delta R.T.: -0.005 min  
Response: 2049455  
Conc: 23.12 ng/ml

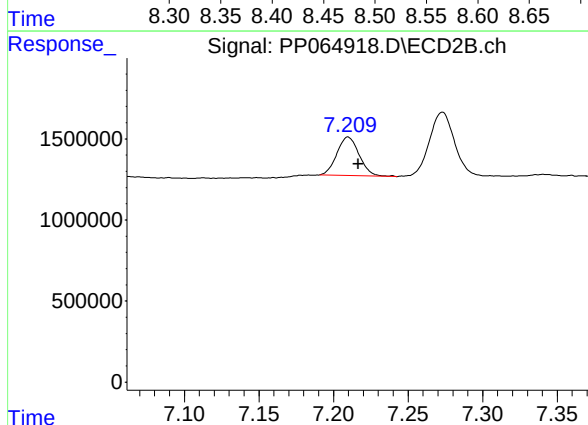




#41 AR-1268-1

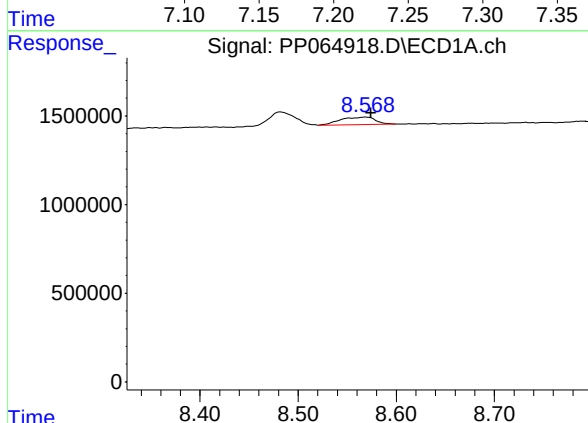
R.T.: 8.483 min  
Delta R.T.: 0.000 min  
Response: 1500073  
Conc: 14.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



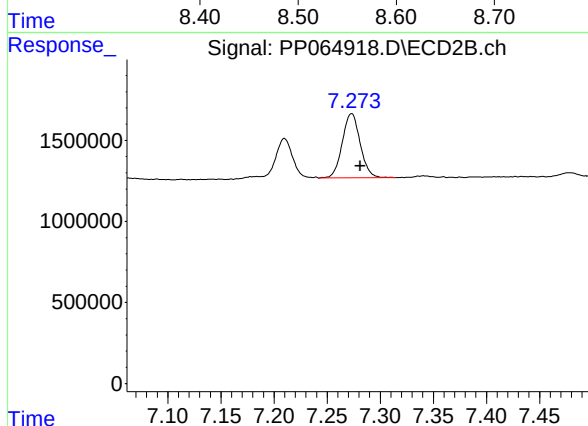
#41 AR-1268-1

R.T.: 7.210 min  
Delta R.T.: -0.007 min  
Response: 2480564  
Conc: 8.62 ng/ml



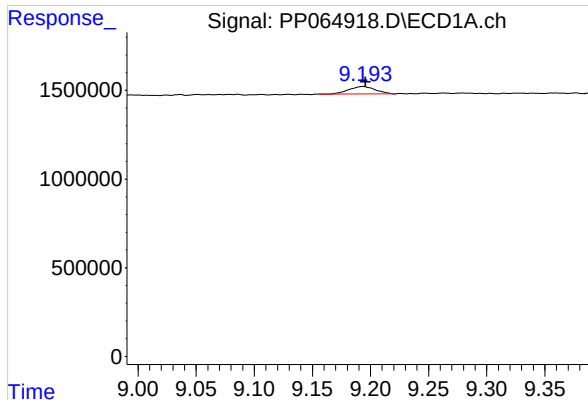
#42 AR-1268-2

R.T.: 8.569 min  
Delta R.T.: -0.005 min  
Response: 1088213  
Conc: 11.65 ng/ml



#42 AR-1268-2

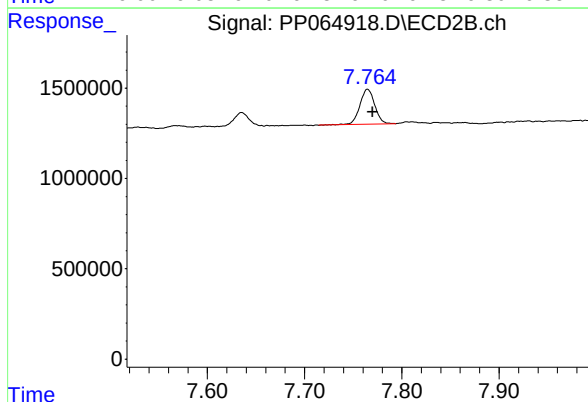
R.T.: 7.273 min  
Delta R.T.: -0.008 min  
Response: 4647432  
Conc: 17.56 ng/ml



#44 AR-1268-4

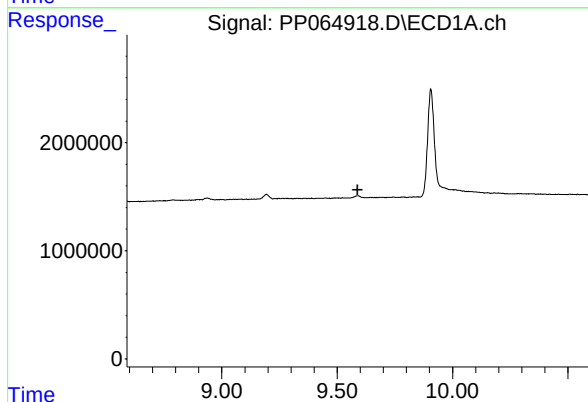
R.T.: 9.194 min  
Delta R.T.: -0.003 min  
Response: 668495  
Conc: 20.17 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024



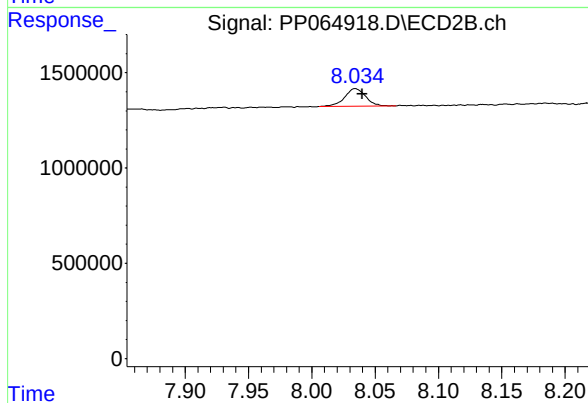
#44 AR-1268-4

R.T.: 7.765 min  
Delta R.T.: -0.005 min  
Response: 2049455  
Conc: 21.80 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.589 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.034 min  
Delta R.T.: -0.005 min  
Response: 1075304  
Conc: 1.68 ng/ml