

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080622\  
 Data File : PP050270.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Aug 2022 19:20  
 Operator : YP\AJ  
 Sample : N3980-07  
 Misc : AR1248 LOD 40 PPB  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 08 00:36:13 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080622.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sun Aug 07 23:52:23 2022  
 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... | 4.345  | 3.591 | 43299777 | 88048160 | 26.900  | 28.110    |
| 2)                          | SA Decachlor... | 10.087 | 8.554 | 49860428 | 42981462 | 28.315  | 27.927    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.521  | 4.664 | 2056562  | 4000525  | 32.844  | 39.358    |
| 4)                          | L1 AR-1016-2    | 5.544  | 4.682 | 2288798  | 4011992  | 25.846  | 27.737    |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.858 | 0        | 2581715  | N.D.    | 34.022 #  |
| 6)                          | L1 AR-1016-4    | 5.705  | 4.898 | 1360960  | 5336625  | 29.513  | 91.591 #  |
| 7)                          | L1 AR-1016-5    | 6.000  | 5.110 | 3424769  | 6169142  | 76.651  | 80.742    |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.888 | 0        | 1303949  | N.D.    | 45.664 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.960 | 0        | 416209   | N.D.    | 4.862 #   |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.960 | 0        | 416209   | N.D.    | 5.962 #   |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.682 | 0        | 4011992  | N.D.    | 62.404 #  |
| 13)                         | L3 AR-1232-3    | 5.544  | 4.858 | 2288798  | 2581715  | 58.127  | 76.974 #  |
| 14)                         | L3 AR-1232-4    | 5.705  | 4.939 | 1360960  | 5291904  | 67.265  | 179.631 # |
| 15)                         | L3 AR-1232-5    | 5.794  | 5.110 | 2899757  | 6169142  | 185.482 | 187.338   |
| 16)                         | L4 AR-1242-1    | 5.521  | 4.664 | 2056562  | 4000525  | 40.578  | 48.257    |
| 17)                         | L4 AR-1242-2    | 5.544  | 4.682 | 2288798  | 4011992  | 31.683  | 34.355    |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.858 | 0        | 2581715  | N.D.    | 42.102 #  |
| 19)                         | L4 AR-1242-4    | 5.705  | 4.939 | 1360960  | 5291904  | 36.522  | 90.399 #  |
| 20)                         | L4 AR-1242-5    | 6.445  | 5.459 | 4067186  | 8327595  | 96.376  | 119.805   |
| 21)                         | L5 AR-1248-1    | 5.521  | 4.664 | 2056562  | 4000525  | 50.934  | 59.857    |
| 22)                         | L5 AR-1248-2    | 5.794  | 4.898 | 2899757  | 5336625  | 51.905  | 61.778    |
| 23)                         | L5 AR-1248-3    | 6.000  | 4.939 | 3424769  | 5291904  | 53.537  | 58.374    |
| 24)                         | L5 AR-1248-4    | 6.407  | 5.110 | 4364644  | 6169142  | 55.177  | 58.531    |
| 25)                         | L5 AR-1248-5    | 6.445  | 5.500 | 4067186  | 5956152  | 53.576  | 59.988    |
| 26)                         | L6 AR-1254-1    | 6.378  | 5.459 | 3518592  | 8327595  | 50.754  | 63.019    |
| 27)                         | L6 AR-1254-2    | 6.603  | 5.605 | 4144988  | 2274029  | 39.308  | 20.868 #  |
| 28)                         | L6 AR-1254-3    | 6.967  | 6.007 | 2325365  | 3118365  | 20.498  | 19.593    |
| 29)                         | L6 AR-1254-4    | 7.254  | 6.235 | 1664396  | 2085873  | 18.264  | 21.454    |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.650 | 0        | 377302   | N.D.    | 3.061 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.151 | 0        | 1493733  | N.D.    | 13.182 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.321 | 0        | 551763   | N.D.    | 4.107 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.474 | 0        | 531206   | N.D.    | 4.410 #   |
| 35)                         | L7 AR-1260-5    | 8.297  | 7.187 | 2485807  | 147828   | 13.298  | 0.758 #   |
| 37)                         | L8 AR-1262-2    | 8.297  | 0.000 | 2485807  | 0        | 11.505  | N.D. #    |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.473 | 0        | 267312   | N.D.    | 3.683 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.473 | 0        | 267312   | N.D.    | 1.217 #   |
| 45)                         | L9 AR-1268-5    | 9.778f | 8.308 | 3709854  | 338469   | 5.562   | 0.615 #   |
| -----                       |                 |        |       |          |          |         |           |

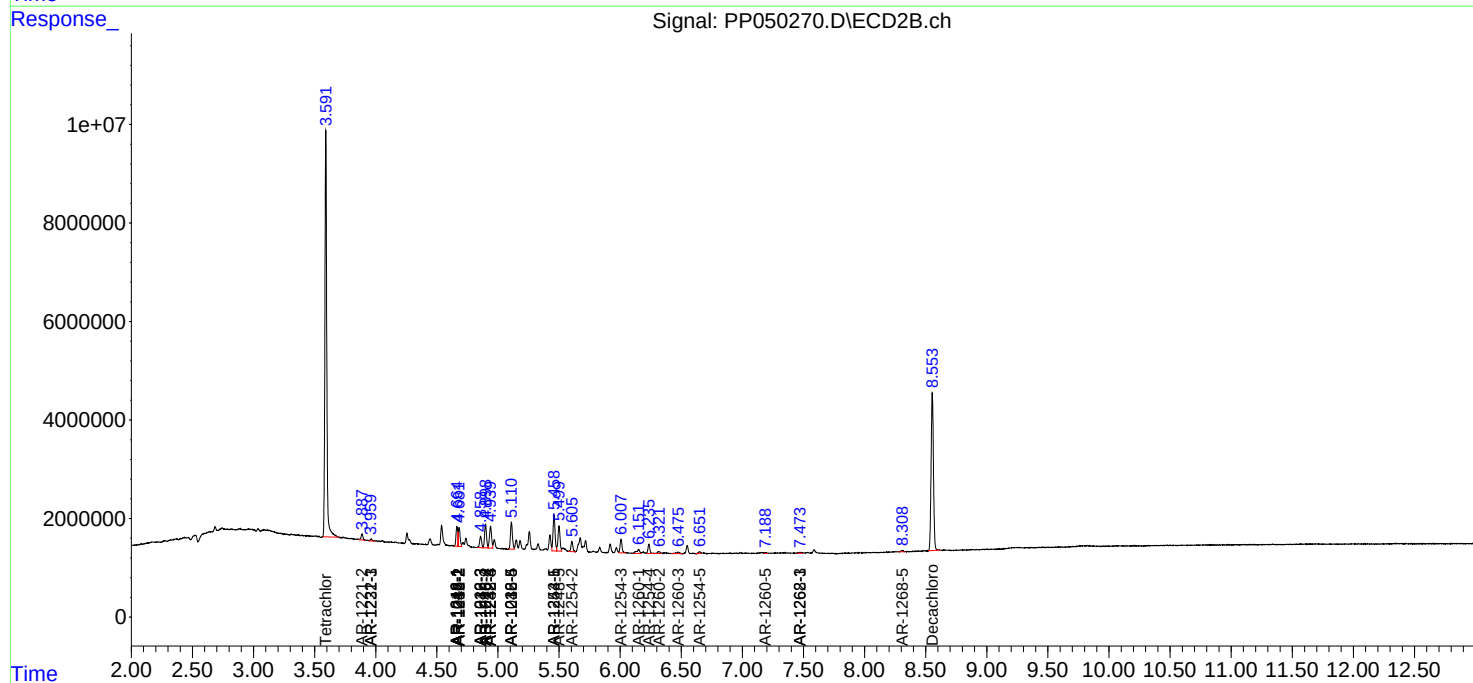
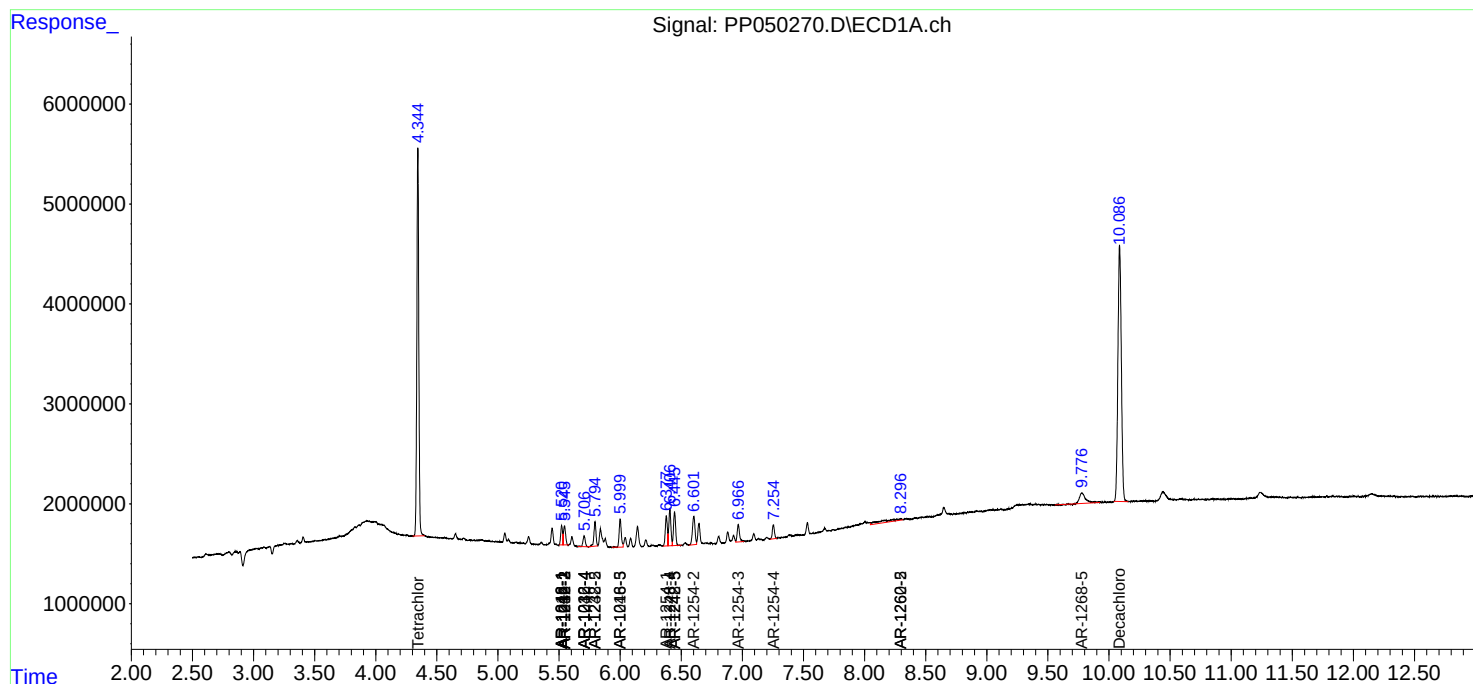
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

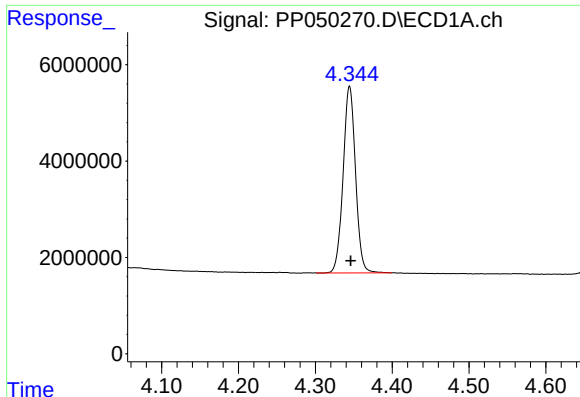
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080622\  
Data File : PP050270.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Aug 2022 19:20  
Operator : YP\AJ  
Sample : N3980-07  
Misc : AR1248 LOD 40 PPB  
ALS Vial : 66 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 08 00:36:13 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080622.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sun Aug 07 23:52:23 2022  
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

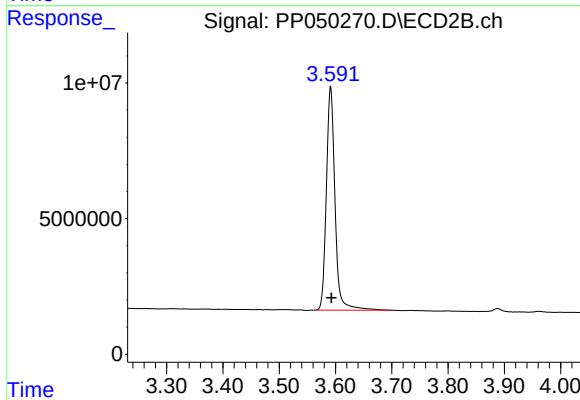




#1 Tetrachloro-m-xylene

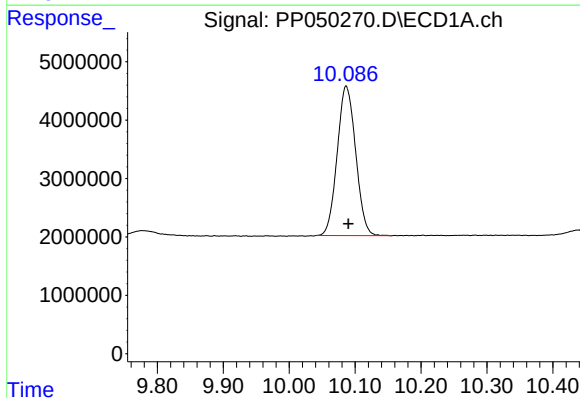
R.T.: 4.345 min  
Delta R.T.: -0.001 min  
Response: 43299777  
Conc: 26.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



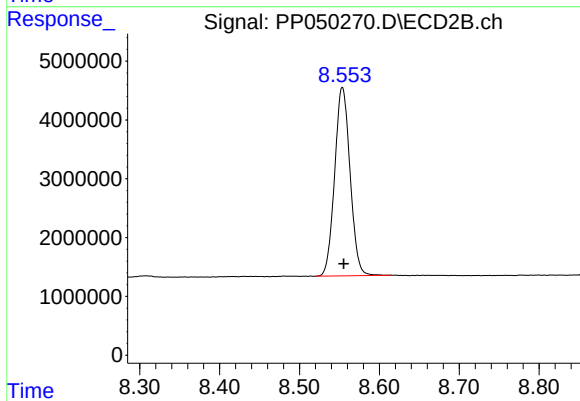
#1 Tetrachloro-m-xylene

R.T.: 3.591 min  
Delta R.T.: -0.001 min  
Response: 88048160  
Conc: 28.11 ng/ml



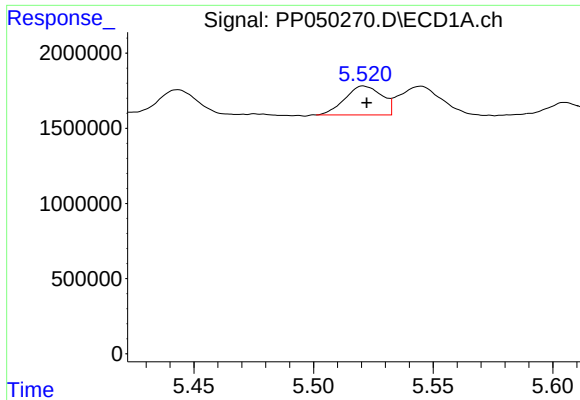
#2 Decachlorobiphenyl

R.T.: 10.087 min  
Delta R.T.: -0.003 min  
Response: 49860428  
Conc: 28.32 ng/ml



#2 Decachlorobiphenyl

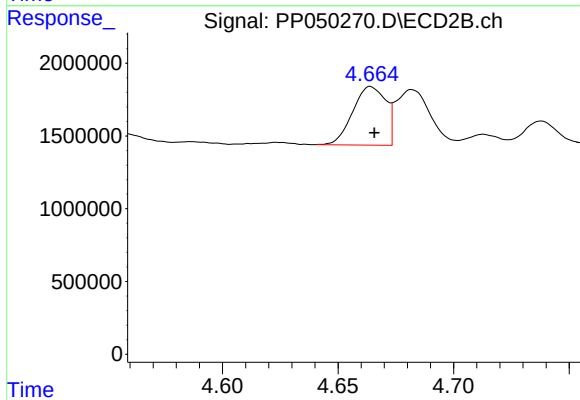
R.T.: 8.554 min  
Delta R.T.: -0.002 min  
Response: 42981462  
Conc: 27.93 ng/ml



#3 AR-1016-1

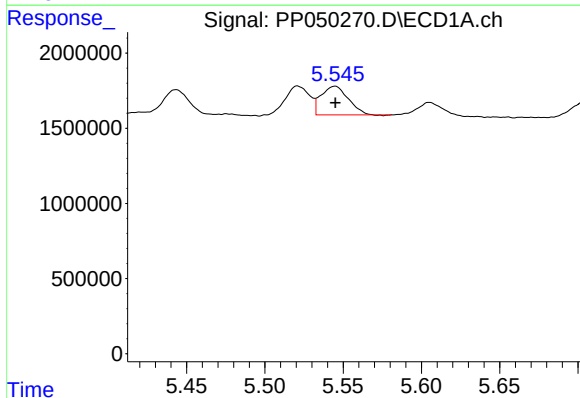
R.T.: 5.521 min  
Delta R.T.: 0.000 min  
Response: 2056562  
Conc: 32.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



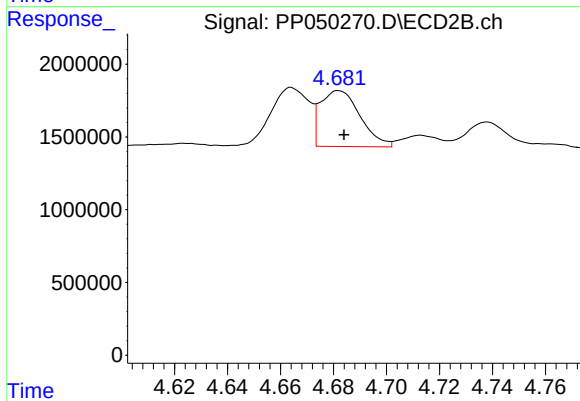
#3 AR-1016-1

R.T.: 4.664 min  
Delta R.T.: -0.002 min  
Response: 4000525  
Conc: 39.36 ng/ml



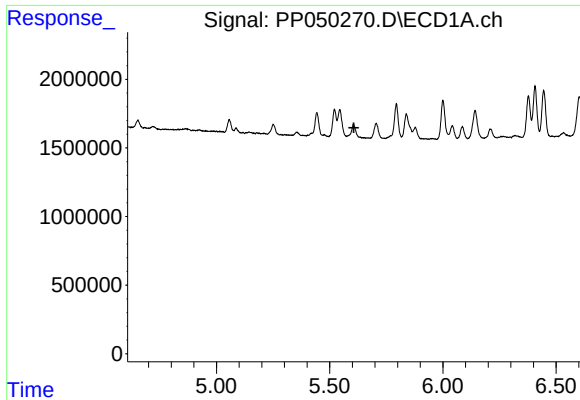
#4 AR-1016-2

R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 2288798  
Conc: 25.85 ng/ml



#4 AR-1016-2

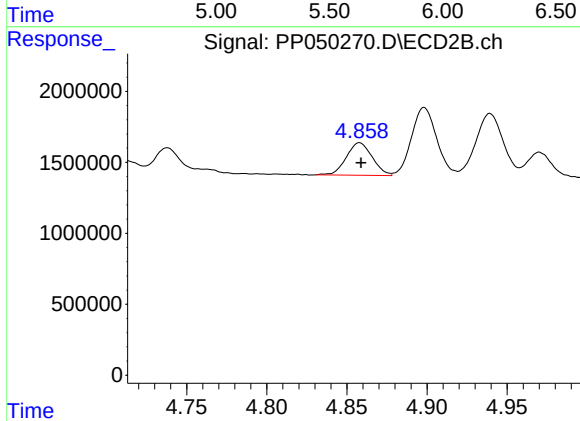
R.T.: 4.682 min  
Delta R.T.: -0.002 min  
Response: 4011992  
Conc: 27.74 ng/ml



#5 AR-1016-3

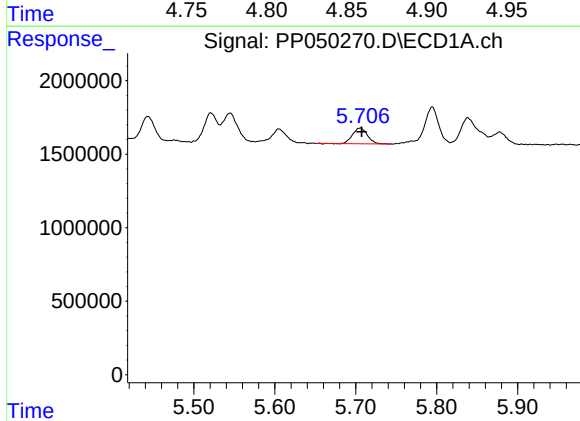
R.T.: 0.000 min  
Exp R.T.: 5.606 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



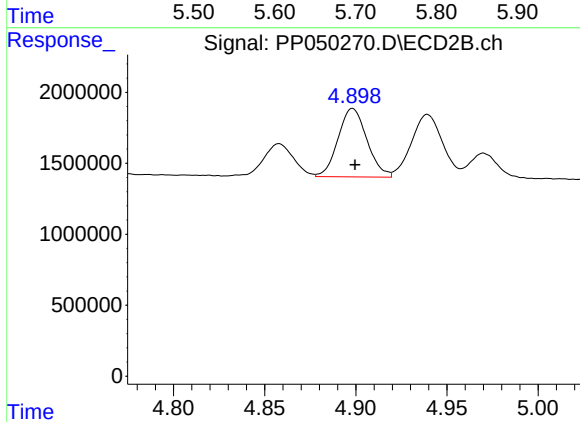
#5 AR-1016-3

R.T.: 4.858 min  
Delta R.T.: 0.000 min  
Response: 2581715  
Conc: 34.02 ng/ml



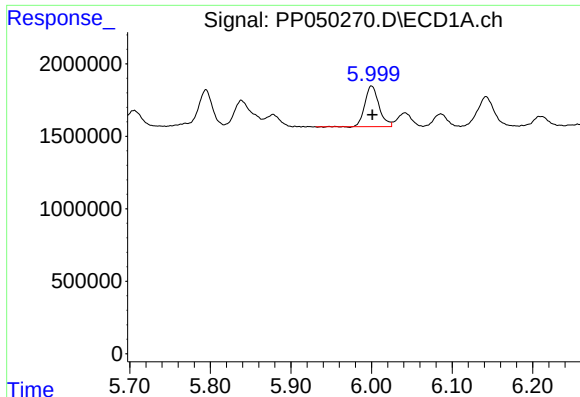
#6 AR-1016-4

R.T.: 5.705 min  
Delta R.T.: -0.002 min  
Response: 1360960  
Conc: 29.51 ng/ml



#6 AR-1016-4

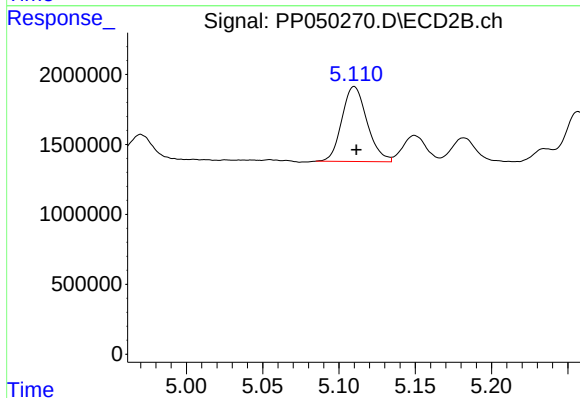
R.T.: 4.898 min  
Delta R.T.: -0.001 min  
Response: 5336625  
Conc: 91.59 ng/ml



#7 AR-1016-5

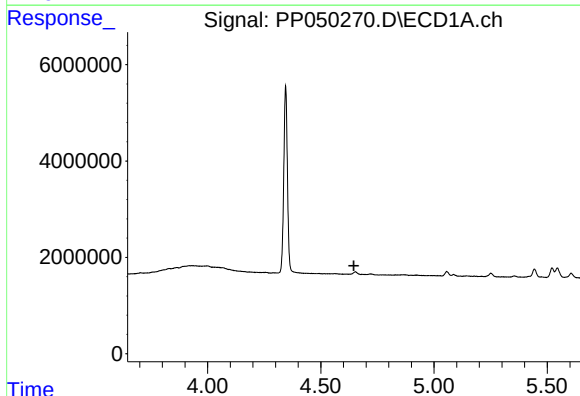
R.T.: 6.000 min  
Delta R.T.: 0.000 min  
Response: 3424769  
Conc: 76.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



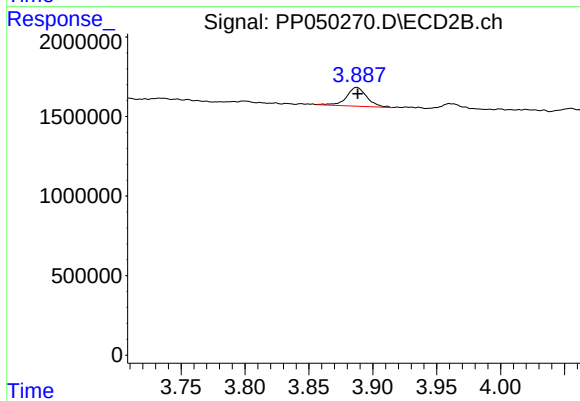
#7 AR-1016-5

R.T.: 5.110 min  
Delta R.T.: -0.001 min  
Response: 6169142  
Conc: 80.74 ng/ml



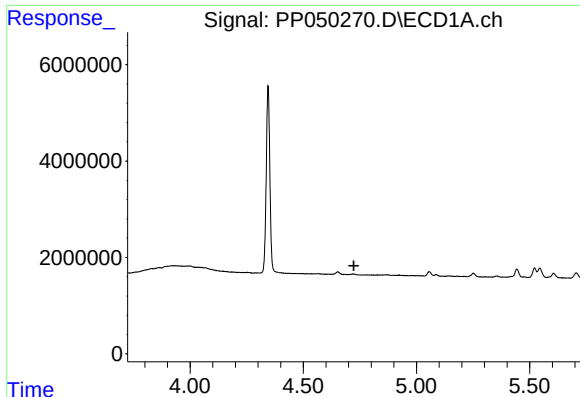
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.646 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

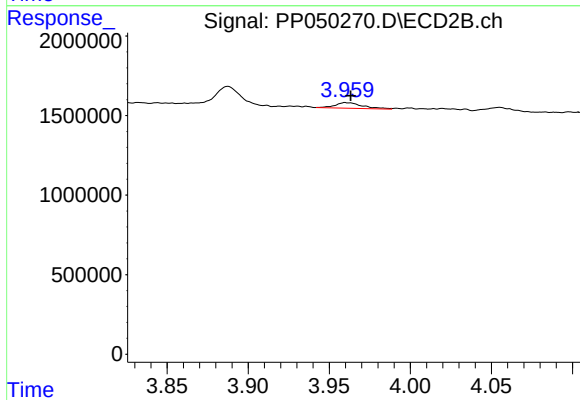
R.T.: 3.888 min  
Delta R.T.: 0.000 min  
Response: 1303949  
Conc: 45.66 ng/ml



#10 AR-1221-3

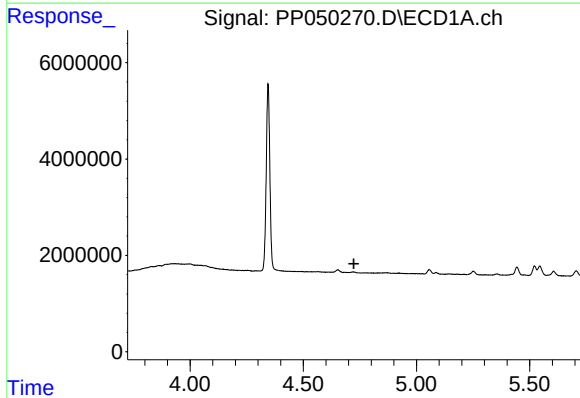
R.T.: 0.000 min  
Exp R.T. : 4.723 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



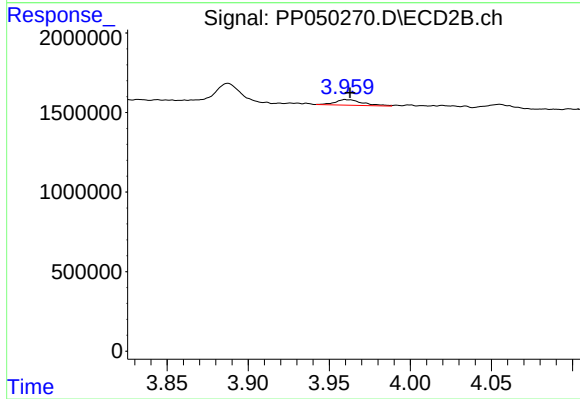
#10 AR-1221-3

R.T.: 3.960 min  
Delta R.T.: -0.003 min  
Response: 416209  
Conc: 4.86 ng/ml



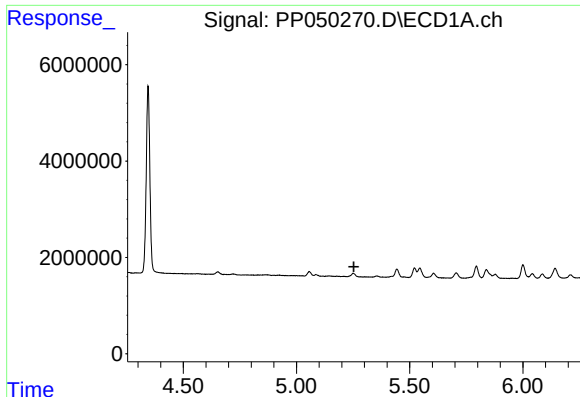
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.723 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

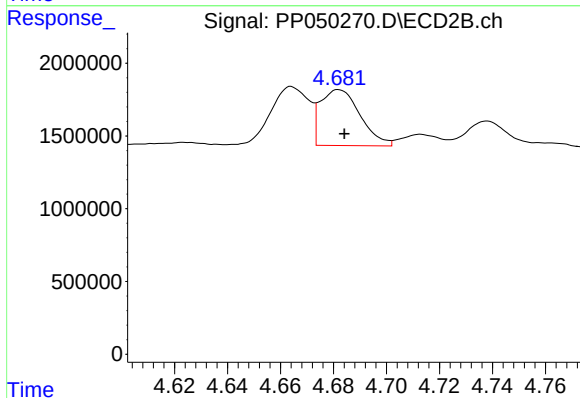
R.T.: 3.960 min  
Delta R.T.: -0.003 min  
Response: 416209  
Conc: 5.96 ng/ml



#12 AR-1232-2

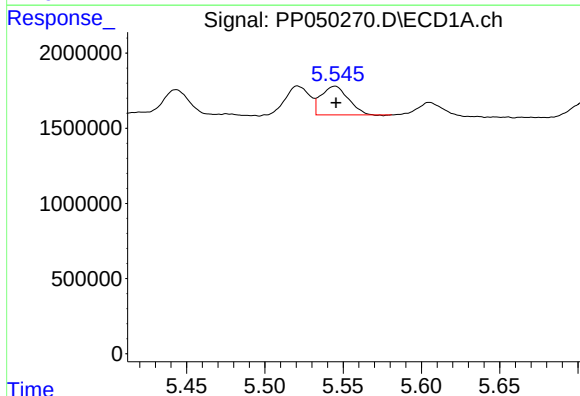
R.T.: 0.000 min  
Exp R.T.: 5.254 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



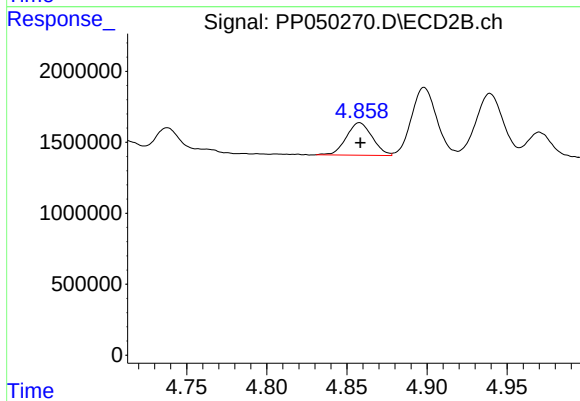
#12 AR-1232-2

R.T.: 4.682 min  
Delta R.T.: -0.002 min  
Response: 4011992  
Conc: 62.40 ng/ml



#13 AR-1232-3

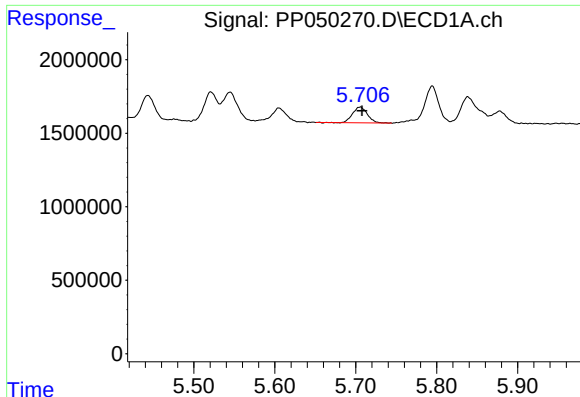
R.T.: 5.544 min  
Delta R.T.: -0.001 min  
Response: 2288798  
Conc: 58.13 ng/ml



#13 AR-1232-3

R.T.: 4.858 min  
Delta R.T.: 0.000 min  
Response: 2581715  
Conc: 76.97 ng/ml

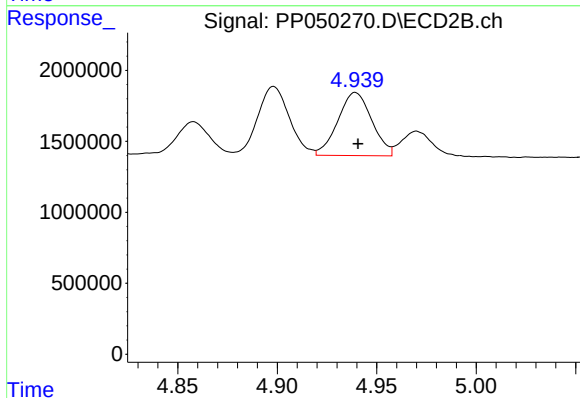




#14 AR-1232-4

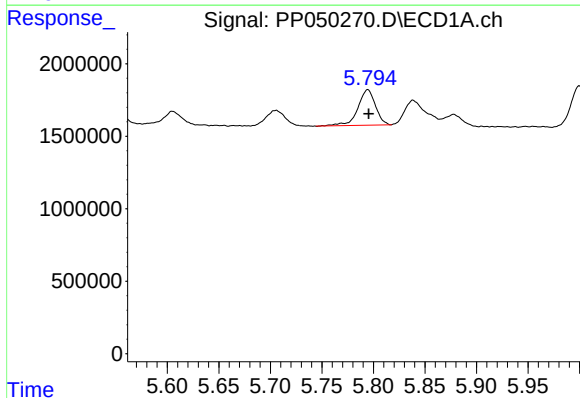
R.T.: 5.705 min  
Delta R.T.: -0.002 min  
Response: 1360960  
Conc: 67.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



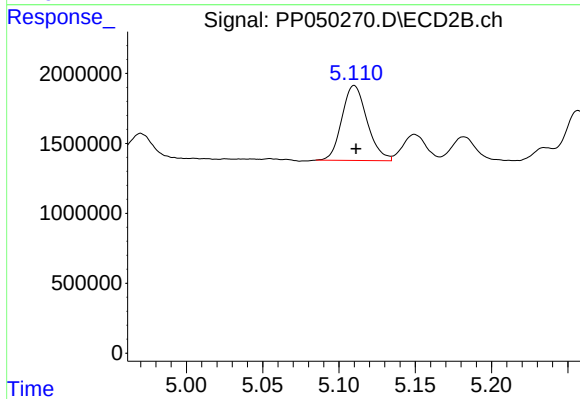
#14 AR-1232-4

R.T.: 4.939 min  
Delta R.T.: -0.001 min  
Response: 5291904  
Conc: 179.63 ng/ml



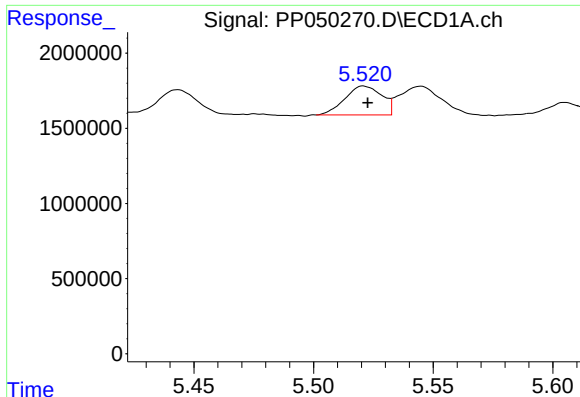
#15 AR-1232-5

R.T.: 5.794 min  
Delta R.T.: 0.000 min  
Response: 2899757  
Conc: 185.48 ng/ml



#15 AR-1232-5

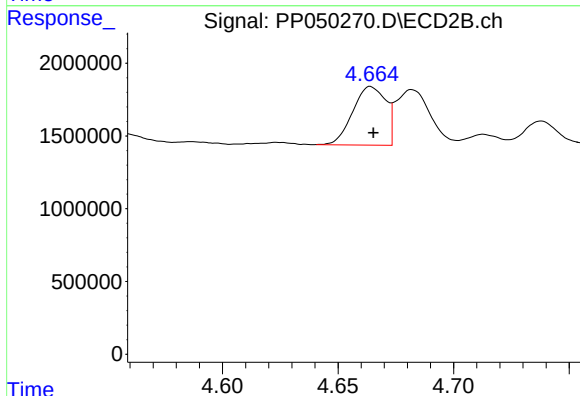
R.T.: 5.110 min  
Delta R.T.: -0.001 min  
Response: 6169142  
Conc: 187.34 ng/ml



#16 AR-1242-1

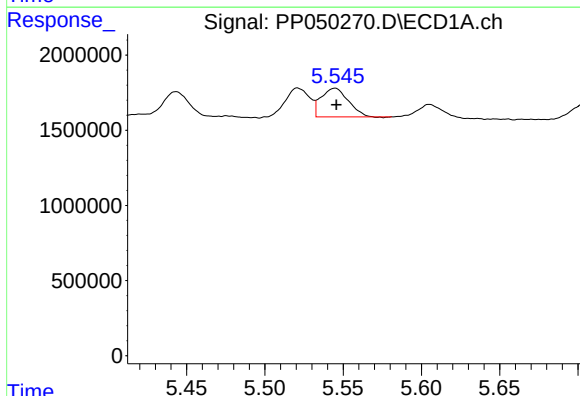
R.T.: 5.521 min  
Delta R.T.: -0.001 min  
Response: 2056562  
Conc: 40.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



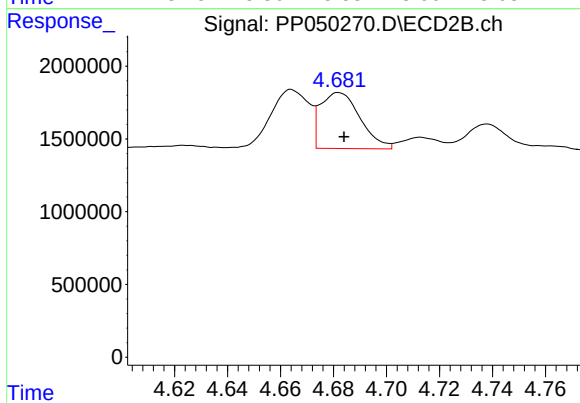
#16 AR-1242-1

R.T.: 4.664 min  
Delta R.T.: -0.001 min  
Response: 4000525  
Conc: 48.26 ng/ml



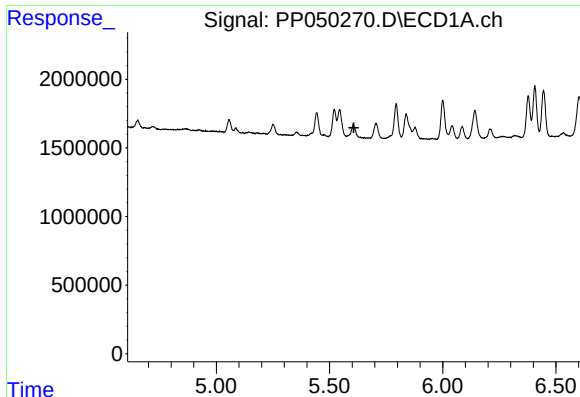
#17 AR-1242-2

R.T.: 5.544 min  
Delta R.T.: -0.001 min  
Response: 2288798  
Conc: 31.68 ng/ml



#17 AR-1242-2

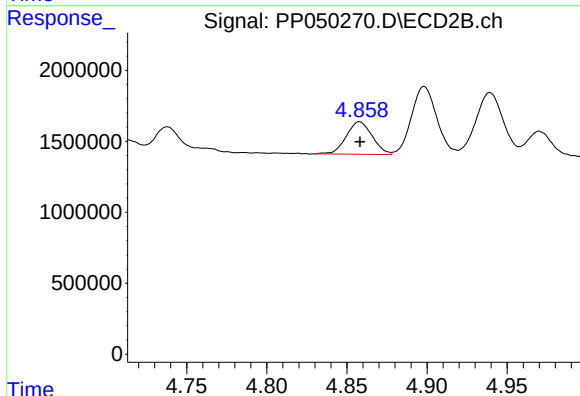
R.T.: 4.682 min  
Delta R.T.: -0.002 min  
Response: 4011992  
Conc: 34.36 ng/ml



#18 AR-1242-3

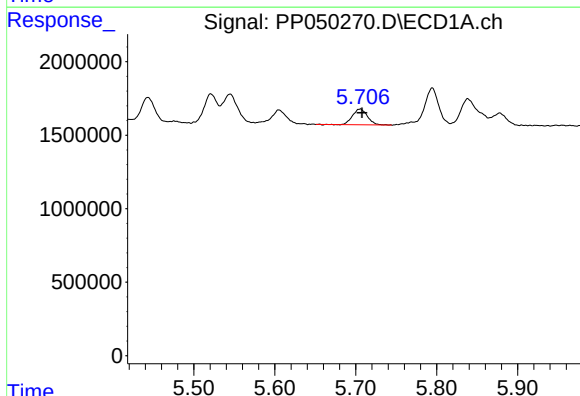
R.T.: 0.000 min  
Exp R.T.: 5.607 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



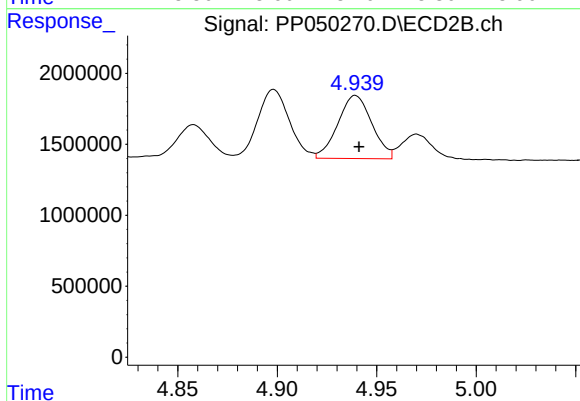
#18 AR-1242-3

R.T.: 4.858 min  
Delta R.T.: 0.000 min  
Response: 2581715  
Conc: 42.10 ng/ml



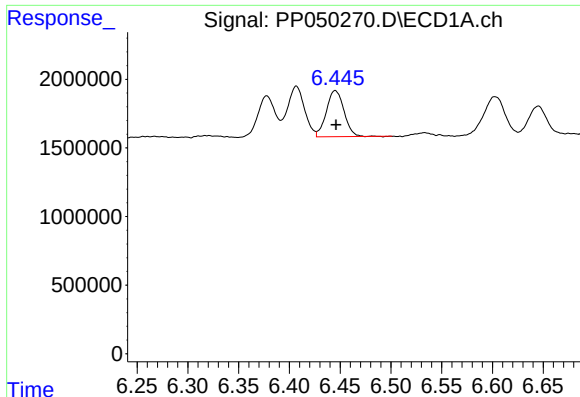
#19 AR-1242-4

R.T.: 5.705 min  
Delta R.T.: -0.003 min  
Response: 1360960  
Conc: 36.52 ng/ml



#19 AR-1242-4

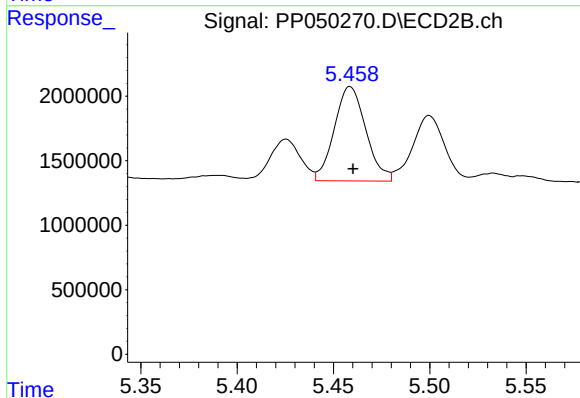
R.T.: 4.939 min  
Delta R.T.: -0.002 min  
Response: 5291904  
Conc: 90.40 ng/ml



#20 AR-1242-5

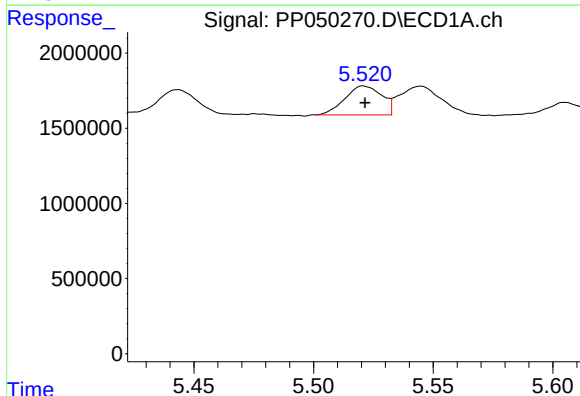
R.T.: 6.445 min  
Delta R.T.: 0.000 min  
Response: 4067186  
Conc: 96.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



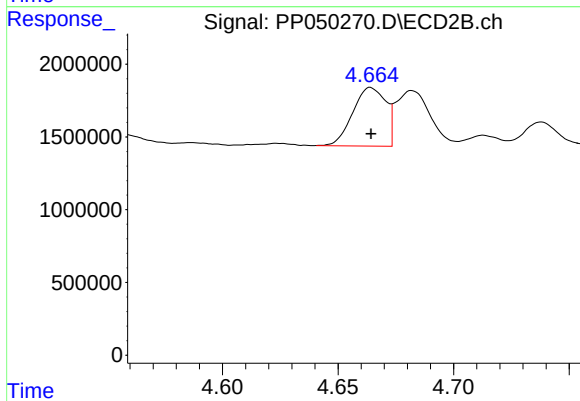
#20 AR-1242-5

R.T.: 5.459 min  
Delta R.T.: -0.002 min  
Response: 8327595  
Conc: 119.80 ng/ml



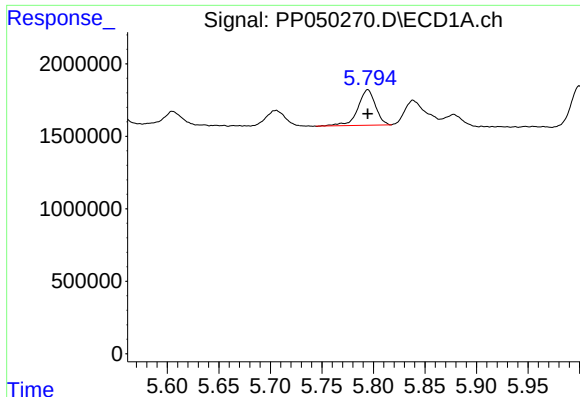
#21 AR-1248-1

R.T.: 5.521 min  
Delta R.T.: 0.000 min  
Response: 2056562  
Conc: 50.93 ng/ml



#21 AR-1248-1

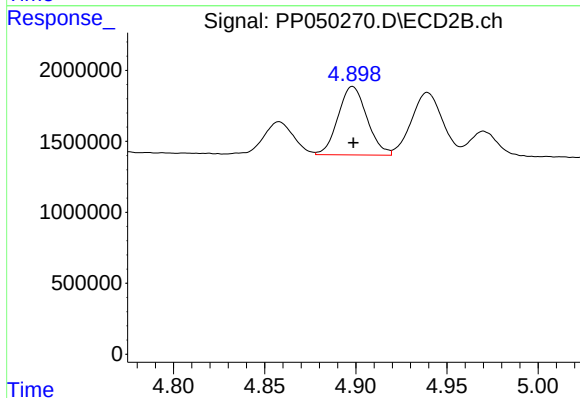
R.T.: 4.664 min  
Delta R.T.: 0.000 min  
Response: 4000525  
Conc: 59.86 ng/ml



#22 AR-1248-2

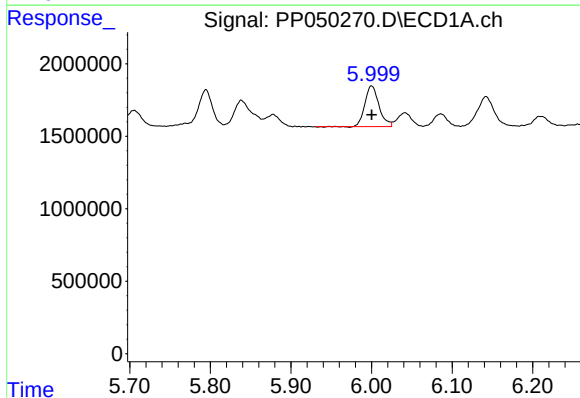
R.T.: 5.794 min  
Delta R.T.: 0.000 min  
Response: 2899757  
Conc: 51.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



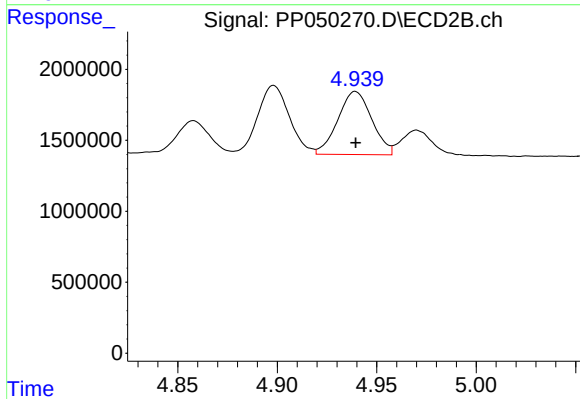
#22 AR-1248-2

R.T.: 4.898 min  
Delta R.T.: 0.000 min  
Response: 5336625  
Conc: 61.78 ng/ml



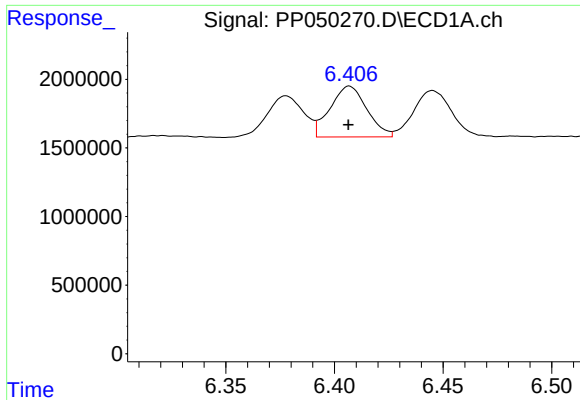
#23 AR-1248-3

R.T.: 6.000 min  
Delta R.T.: 0.000 min  
Response: 3424769  
Conc: 53.54 ng/ml



#23 AR-1248-3

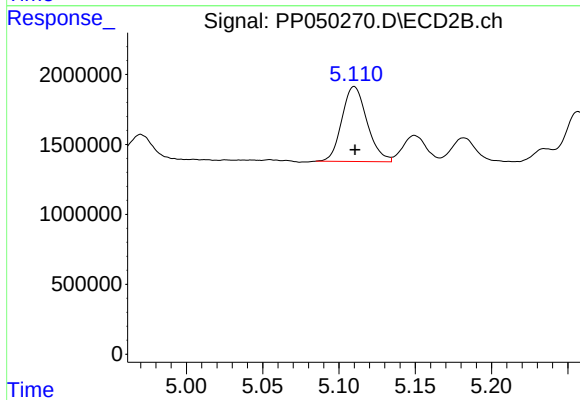
R.T.: 4.939 min  
Delta R.T.: 0.000 min  
Response: 5291904  
Conc: 58.37 ng/ml



#24 AR-1248-4

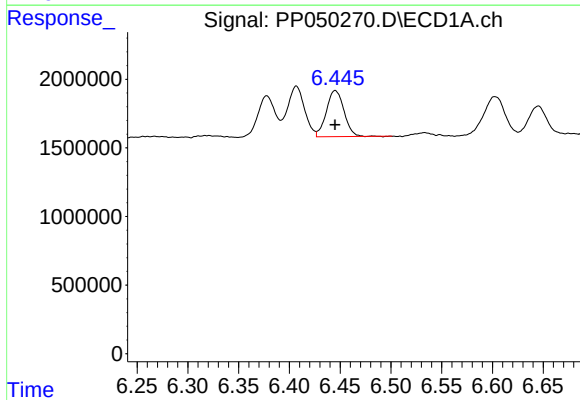
R.T.: 6.407 min  
Delta R.T.: 0.000 min  
Response: 4364644  
Conc: 55.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



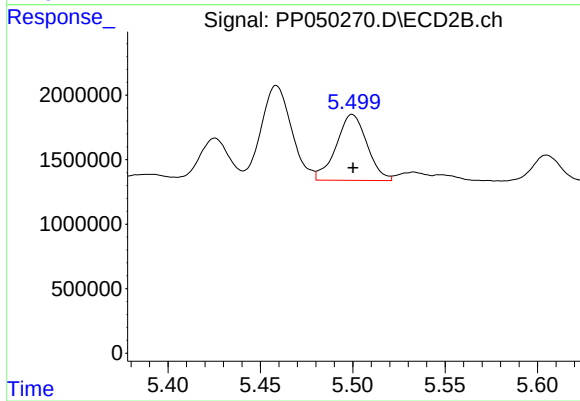
#24 AR-1248-4

R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 6169142  
Conc: 58.53 ng/ml



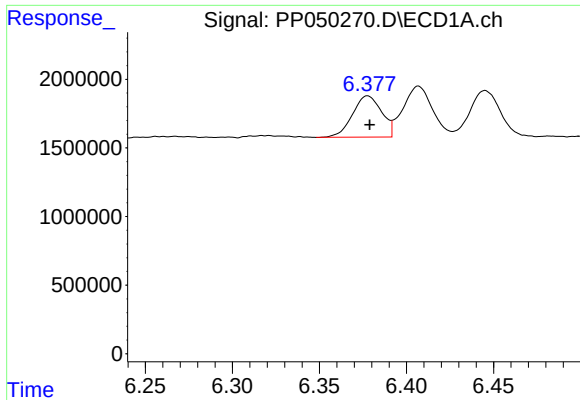
#25 AR-1248-5

R.T.: 6.445 min  
Delta R.T.: 0.000 min  
Response: 4067186  
Conc: 53.58 ng/ml



#25 AR-1248-5

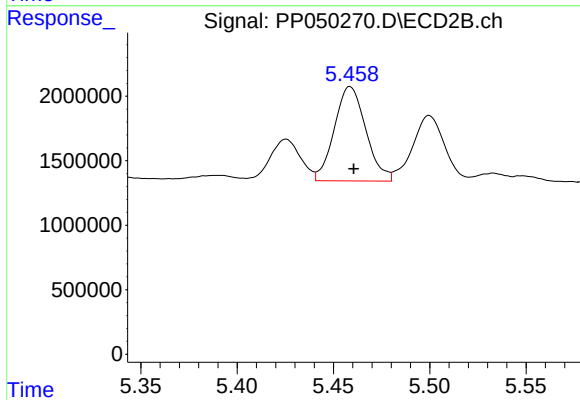
R.T.: 5.500 min  
Delta R.T.: 0.000 min  
Response: 5956152  
Conc: 59.99 ng/ml



#26 AR-1254-1

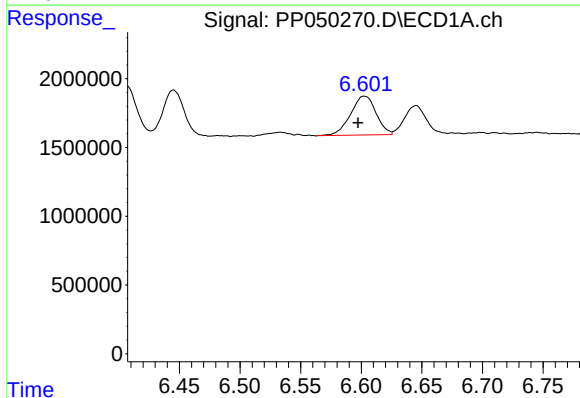
R.T.: 6.378 min  
Delta R.T.: -0.001 min  
Response: 3518592  
Conc: 50.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



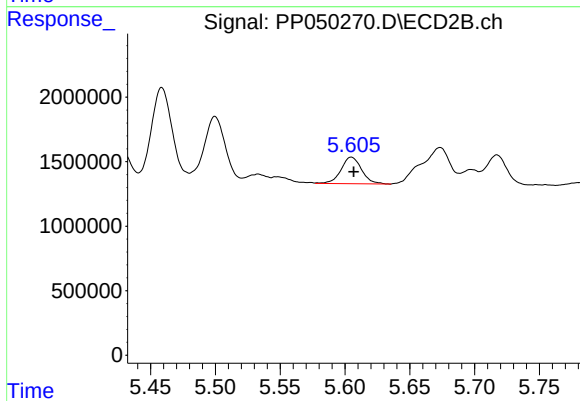
#26 AR-1254-1

R.T.: 5.459 min  
Delta R.T.: -0.002 min  
Response: 8327595  
Conc: 63.02 ng/ml



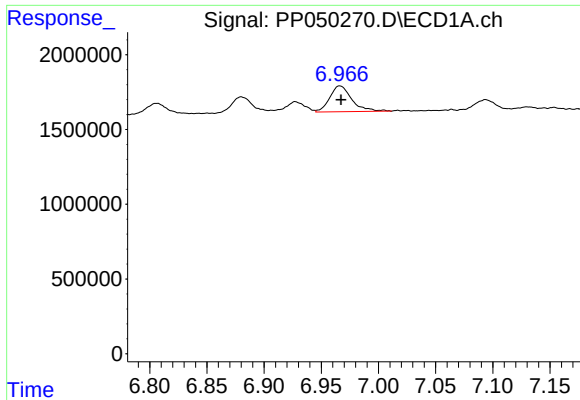
#27 AR-1254-2

R.T.: 6.603 min  
Delta R.T.: 0.005 min  
Response: 4144988  
Conc: 39.31 ng/ml



#27 AR-1254-2

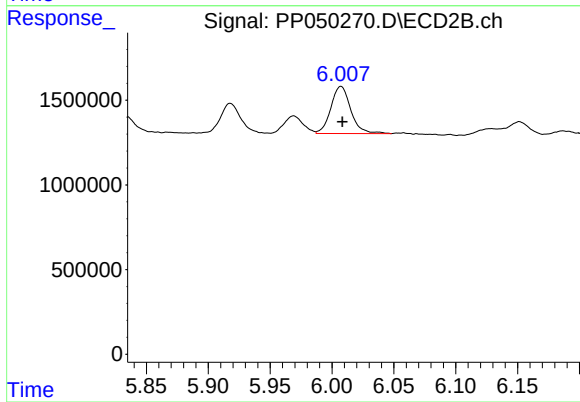
R.T.: 5.605 min  
Delta R.T.: -0.002 min  
Response: 2274029  
Conc: 20.87 ng/ml



#28 AR-1254-3

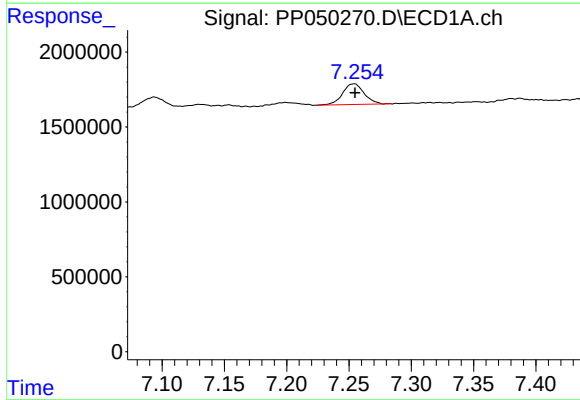
R.T.: 6.967 min  
Delta R.T.: 0.000 min  
Response: 2325365  
Conc: 20.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



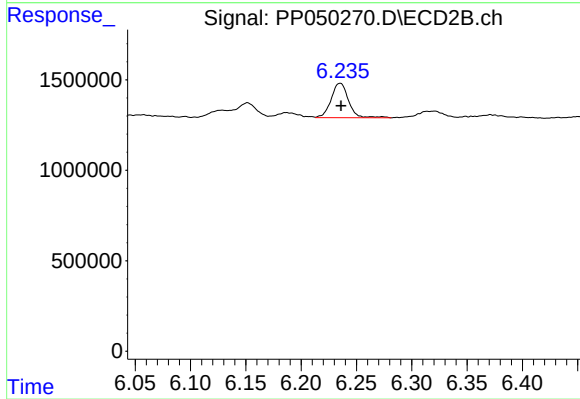
#28 AR-1254-3

R.T.: 6.007 min  
Delta R.T.: -0.001 min  
Response: 3118365  
Conc: 19.59 ng/ml



#29 AR-1254-4

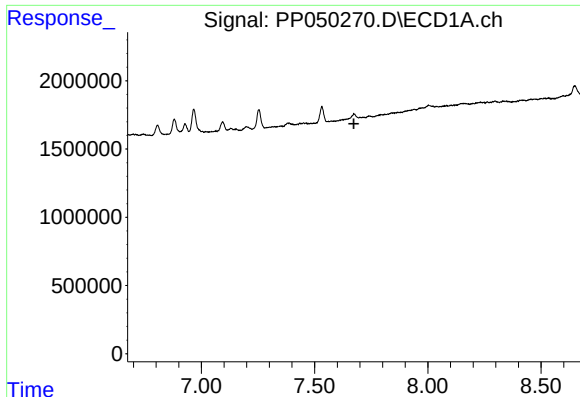
R.T.: 7.254 min  
Delta R.T.: -0.001 min  
Response: 1664396  
Conc: 18.26 ng/ml



#29 AR-1254-4

R.T.: 6.235 min  
Delta R.T.: 0.000 min  
Response: 2085873  
Conc: 21.45 ng/ml

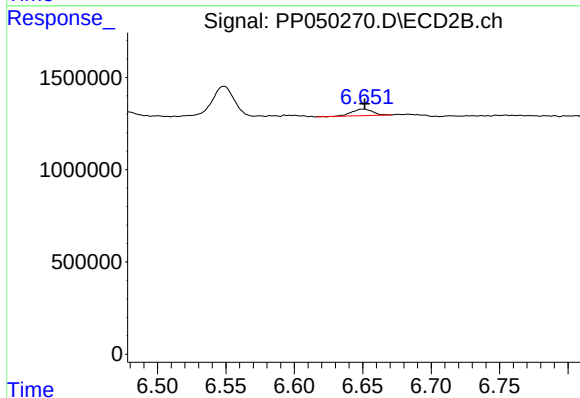




#30 AR-1254-5

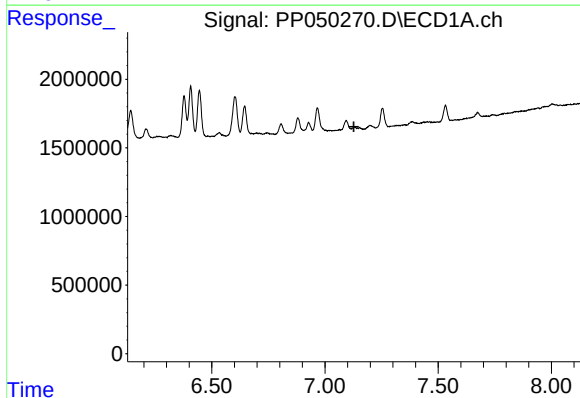
R.T.: 0.000 min  
Exp R.T.: 7.674 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



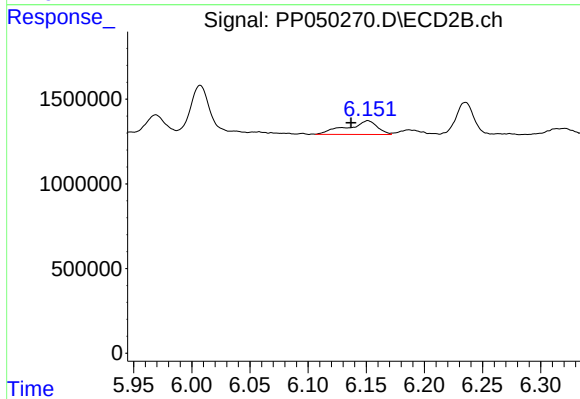
#30 AR-1254-5

R.T.: 6.650 min  
Delta R.T.: -0.001 min  
Response: 377302  
Conc: 3.06 ng/ml



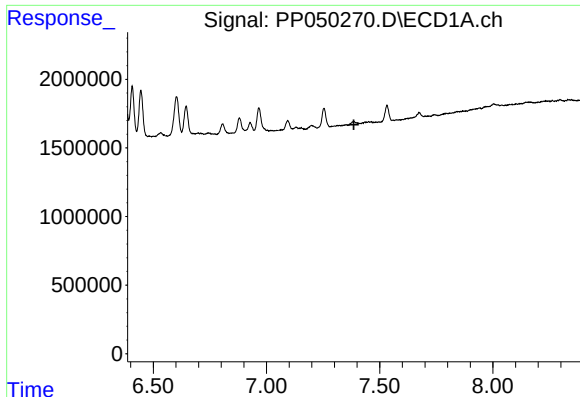
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 7.128 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

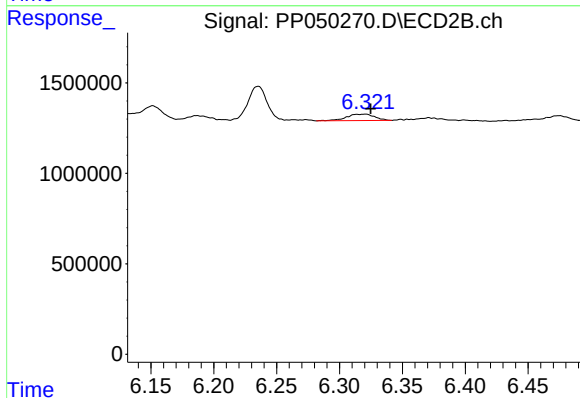
R.T.: 6.151 min  
Delta R.T.: 0.014 min  
Response: 1493733  
Conc: 13.18 ng/ml



#32 AR-1260-2

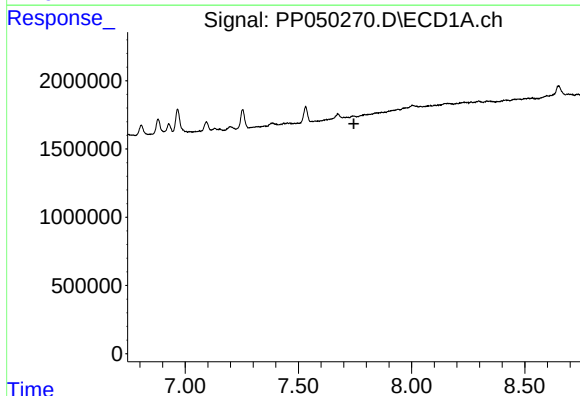
R.T.: 0.000 min  
Exp R.T.: 7.386 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



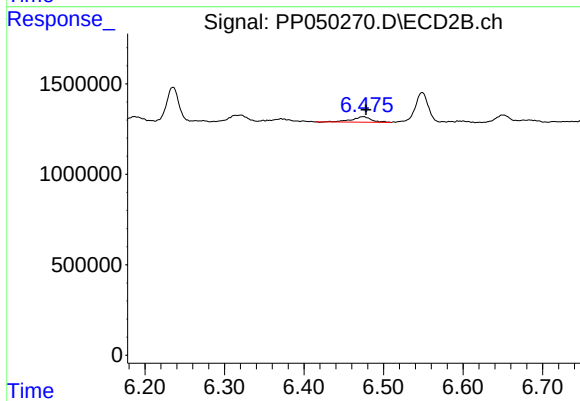
#32 AR-1260-2

R.T.: 6.321 min  
Delta R.T.: -0.004 min  
Response: 551763  
Conc: 4.11 ng/ml



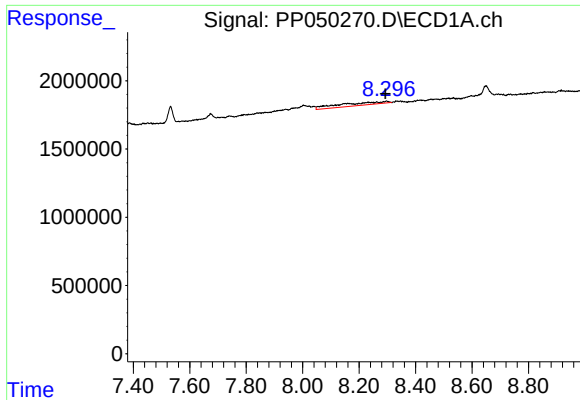
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.745 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

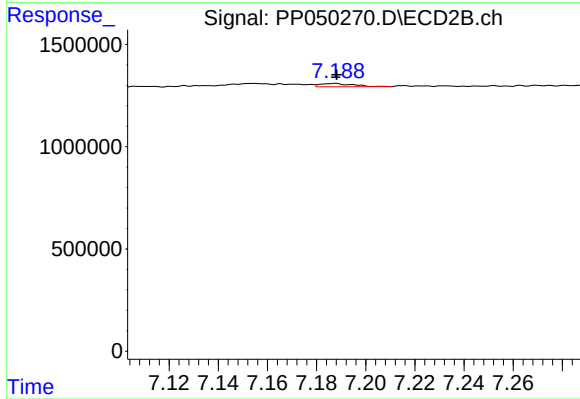
R.T.: 6.474 min  
Delta R.T.: -0.003 min  
Response: 531206  
Conc: 4.41 ng/ml



#35 AR-1260-5

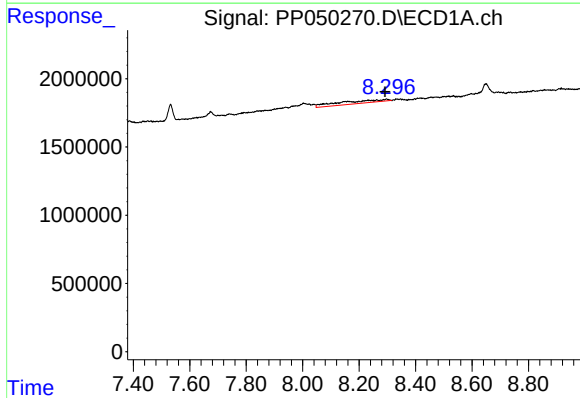
R.T.: 8.297 min  
Delta R.T.: 0.004 min  
Response: 2485807  
Conc: 13.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



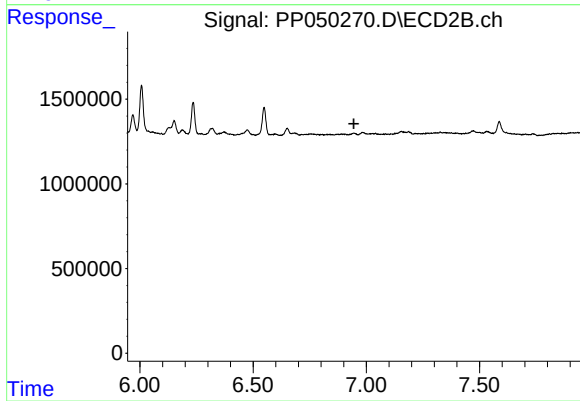
#35 AR-1260-5

R.T.: 7.187 min  
Delta R.T.: 0.000 min  
Response: 147828  
Conc: 0.76 ng/ml



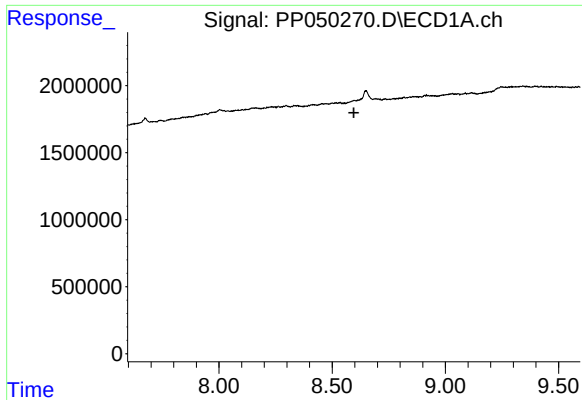
#37 AR-1262-2

R.T.: 8.297 min  
Delta R.T.: 0.005 min  
Response: 2485807  
Conc: 11.50 ng/ml



#37 AR-1262-2

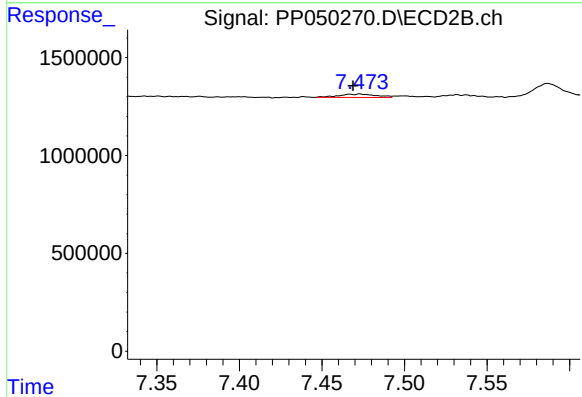
R.T.: 0.000 min  
Exp R.T. : 6.945 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

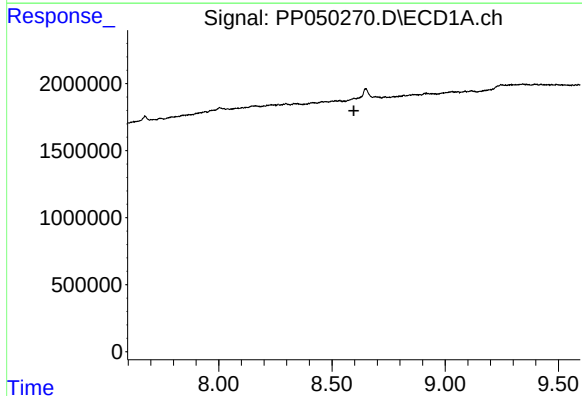
R.T.: 0.000 min  
Exp R.T.: 8.596 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



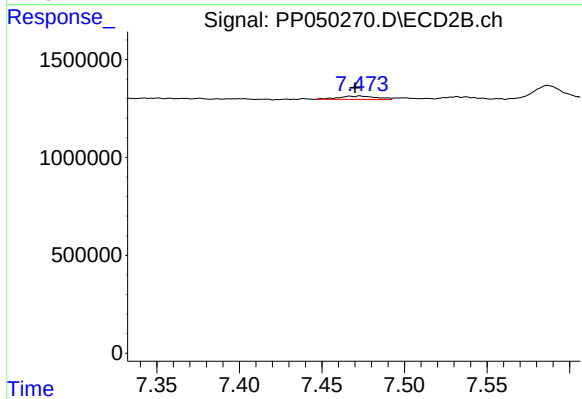
#38 AR-1262-3

R.T.: 7.473 min  
Delta R.T.: 0.004 min  
Response: 267312  
Conc: 3.68 ng/ml



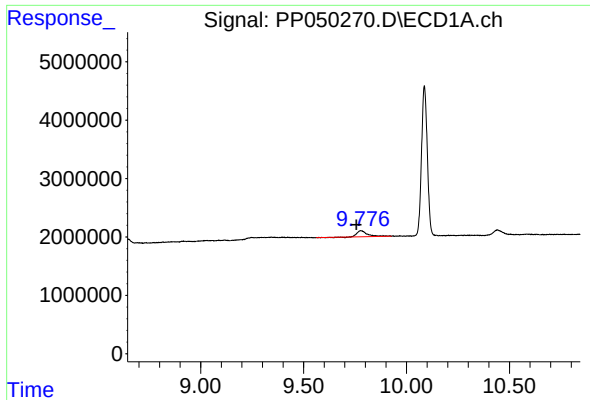
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 8.597 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

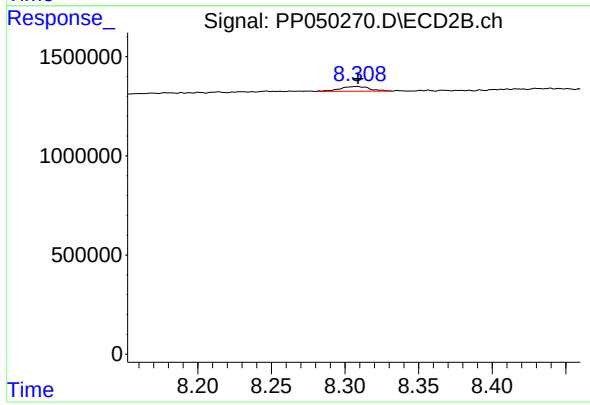
R.T.: 7.473 min  
Delta R.T.: 0.003 min  
Response: 267312  
Conc: 1.22 ng/ml



#45 AR-1268-5

R.T.: 9.778 min  
Delta R.T.: 0.021 min  
Response: 3709854  
Conc: 5.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2022



#45 AR-1268-5

R.T.: 8.308 min  
Delta R.T.: -0.001 min  
Response: 338469  
Conc: 0.61 ng/ml