

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080622\  
 Data File : PP050273.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Aug 2022 20:10  
 Operator : YP\AJ  
 Sample : N3980-07  
 Misc : AR1268 LOD 40 PPB  
 ALS Vial : 69 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 00:38:19 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  | 39599485 | 79836322 | 24.601  | 25.489    |
| 2)                          | SA Decachlor... | 10.089 | 8.553  | 50814544 | 43669266 | 28.857  | 28.374    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.671  | 0        | 579313   | N.D.    | 5.699 #   |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.671  | 0        | 579313   | N.D.    | 4.005 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.906  | 0        | 197420   | N.D.    | 3.388 #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.107  | 0        | 569670   | N.D.    | 7.456 #   |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.886  | 0        | 1091238  | N.D.    | 38.215 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.671  | 0        | 579313   | N.D.    | 9.011 #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.938  | 0        | 93224    | N.D.    | 3.164 #   |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.107  | 0        | 569670   | N.D.    | 17.299 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.671  | 0        | 579313   | N.D.    | 6.988 #   |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.671  | 0        | 579313   | N.D.    | 4.961 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.938  | 0        | 93224    | N.D.    | 1.592 #   |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.461  | 0        | 271481   | N.D.    | 3.906 #   |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.671  | 0        | 579313   | N.D.    | 8.668 #   |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.906  | 0        | 197420   | N.D.    | 2.285 #   |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.938  | 0        | 93224    | N.D.    | 1.028 #   |
| 24)                         | L5 AR-1248-4    | 6.384f | 5.107  | 1764512  | 569670   | 22.306  | 5.405 #   |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.483f | 0        | 1271454  | N.D.    | 12.806 #  |
| 26)                         | L6 AR-1254-1    | 6.384  | 5.461  | 1764512  | 271481   | 25.452  | 2.054 #   |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.009  | 0        | 37295    | N.D.    | 0.234 #   |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.312  | 0        | 801167   | N.D.    | 5.964 #   |
| 33)                         | L7 AR-1260-3    | 7.745  | 6.479  | 2200740  | 355754   | 25.843  | 2.953 #   |
| 34)                         | L7 AR-1260-4    | 7.989f | 6.942  | 3726401  | 3388335  | 39.148  | 38.222    |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.186  | 0        | 1317230  | N.D.    | 6.757 #   |
| 36)                         | L8 AR-1262-1    | 7.745  | 6.687  | 2200740  | 2721549  | 18.377  | 20.138    |
| 37)                         | L8 AR-1262-2    | 0.000  | 6.942  | 0        | 3388335  | N.D.    | 31.183 #  |
| 38)                         | L8 AR-1262-3    | 8.597  | 7.469  | 12196806 | 11887473 | 124.120 | 163.804 # |
| 39)                         | L8 AR-1262-4    | 8.694  | 7.533  | 12155338 | 10314268 | 189.076 | 74.810 #  |
| 40)                         | L8 AR-1262-5    | 9.349  | 8.025  | 4023924  | 3385645  | 50.976  | 52.568    |
| 41)                         | L9 AR-1268-1    | 8.597  | 7.469  | 12196806 | 11887473 | 48.037  | 54.099    |
| 42)                         | L9 AR-1268-2    | 8.694  | 7.533  | 12155338 | 10314268 | 49.832  | 51.785    |
| 43)                         | L9 AR-1268-3    | 8.915  | 7.737  | 9567220  | 8403216  | 48.175  | 49.638    |
| 44)                         | L9 AR-1268-4    | 9.349  | 8.025  | 4023924  | 3385645  | 46.687  | 47.650    |
| 45)                         | L9 AR-1268-5    | 9.758  | 8.308  | 33265553 | 24975912 | 49.877  | 45.362    |
| -----                       |                 |        |        |          |          |         |           |

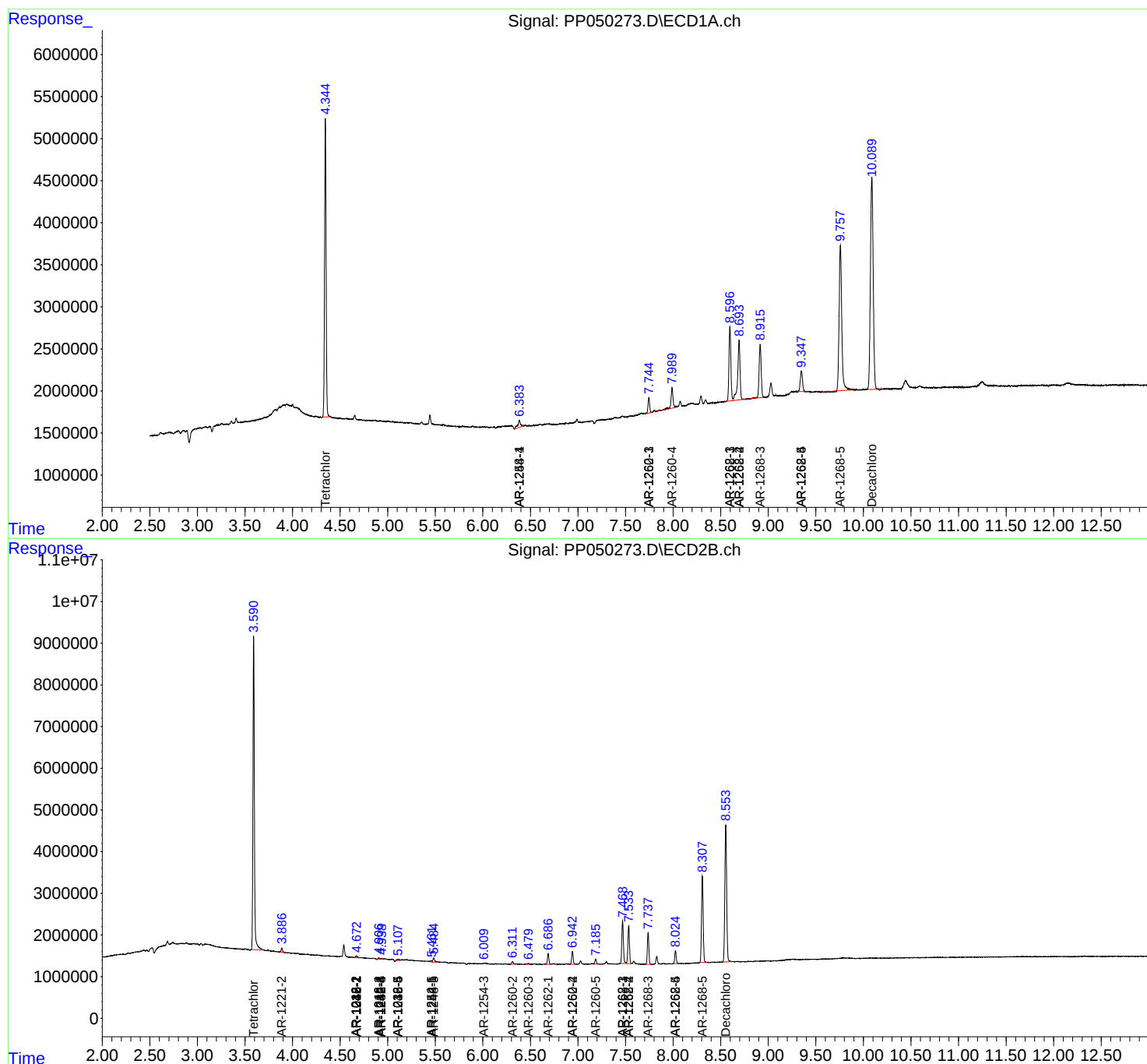
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

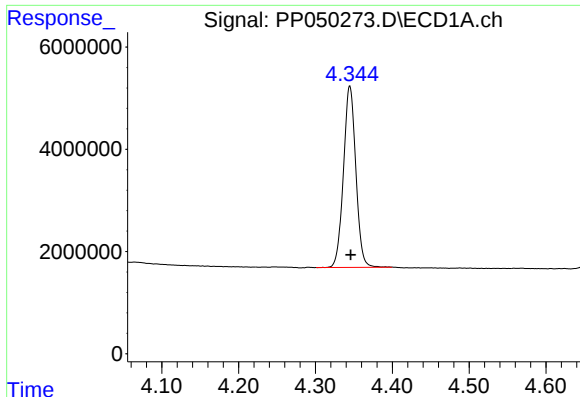
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080622\  
Data File : PP050273.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Aug 2022 20:10  
Operator : YP\AJ  
Sample : N3980-07  
Misc : AR1268 LOD 40 PPB  
ALS Vial : 69 Sample Multiplier: 1

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 00:38:19 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

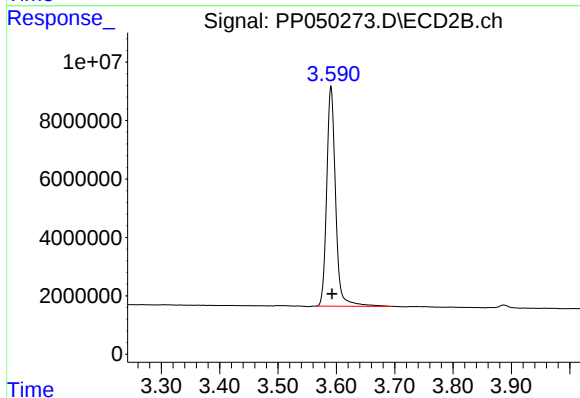




#1 Tetrachloro-m-xylene

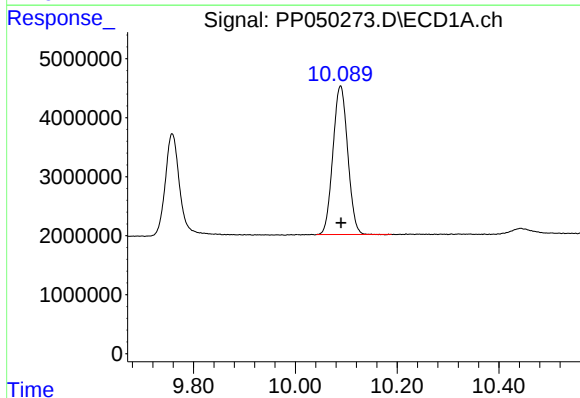
R.T.: 4.345 min  
Delta R.T.: -0.001 min  
Response: 39599485  
Conc: 24.60 ng/ml

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



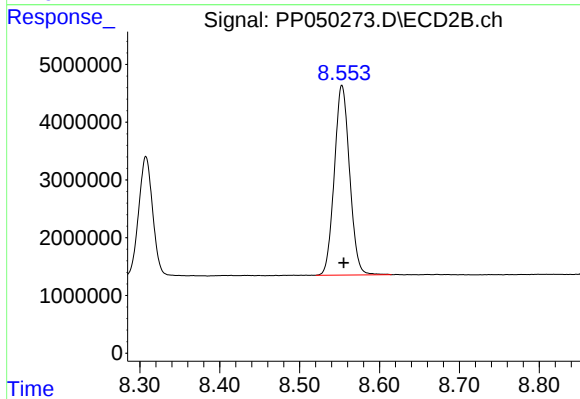
#1 Tetrachloro-m-xylene

R.T.: 3.591 min  
Delta R.T.: -0.002 min  
Response: 79836322  
Conc: 25.49 ng/ml



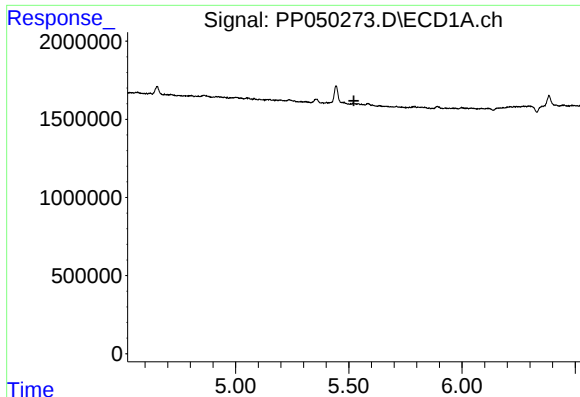
#2 Decachlorobiphenyl

R.T.: 10.089 min  
Delta R.T.: 0.000 min  
Response: 50814544  
Conc: 28.86 ng/ml



#2 Decachlorobiphenyl

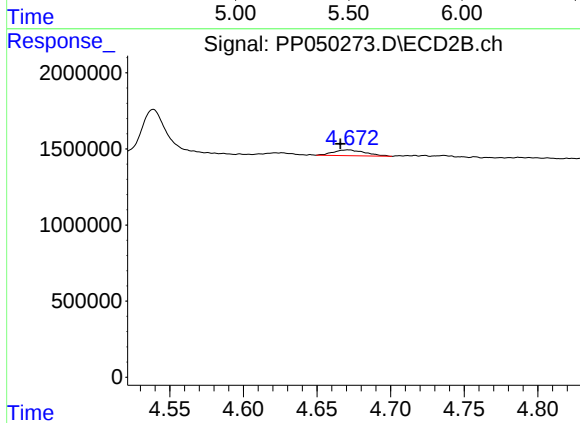
R.T.: 8.553 min  
Delta R.T.: -0.002 min  
Response: 43669266  
Conc: 28.37 ng/ml



#3 AR-1016-1

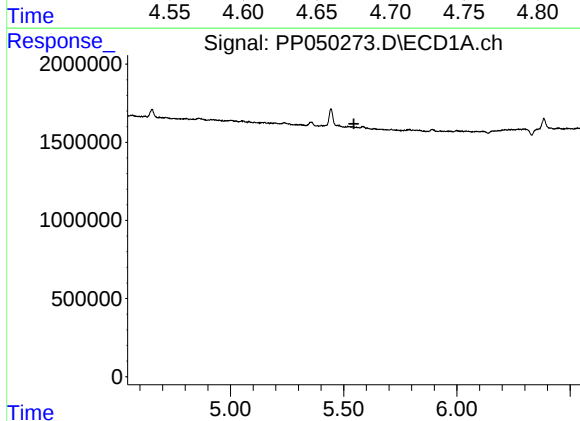
R.T.: 0.000 min  
Exp R.T.: 5.522 min  
Response: 0  
Conc: N.D.

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



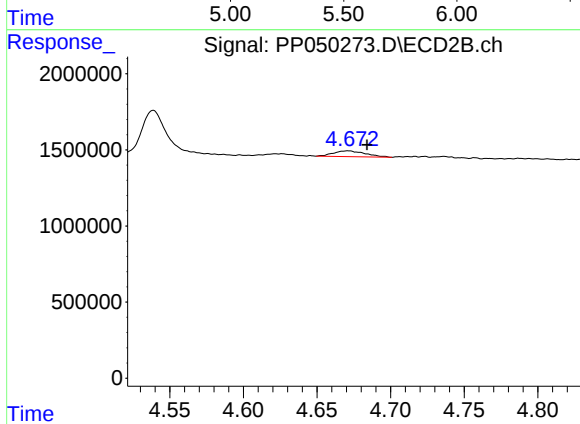
#3 AR-1016-1

R.T.: 4.671 min  
Delta R.T.: 0.005 min  
Response: 579313  
Conc: 5.70 ng/ml



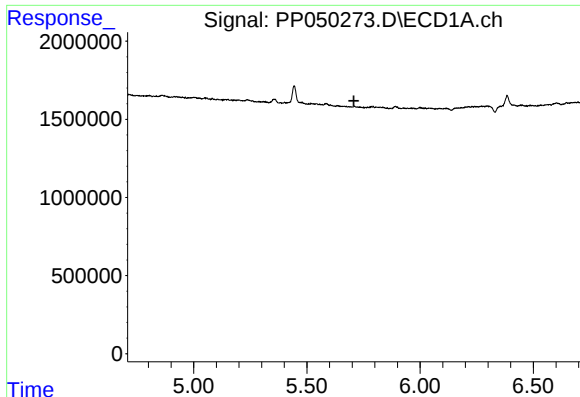
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.545 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

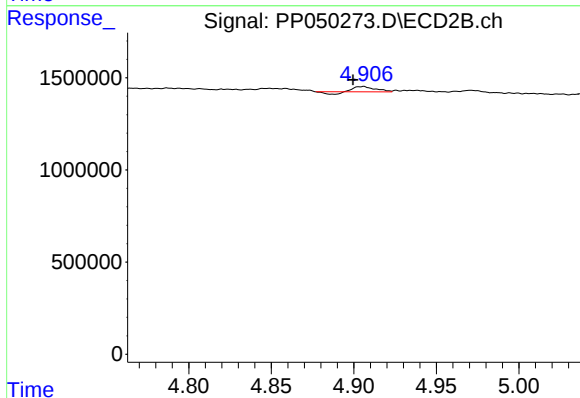
R.T.: 4.671 min  
Delta R.T.: -0.013 min  
Response: 579313  
Conc: 4.01 ng/ml



#6 AR-1016-4

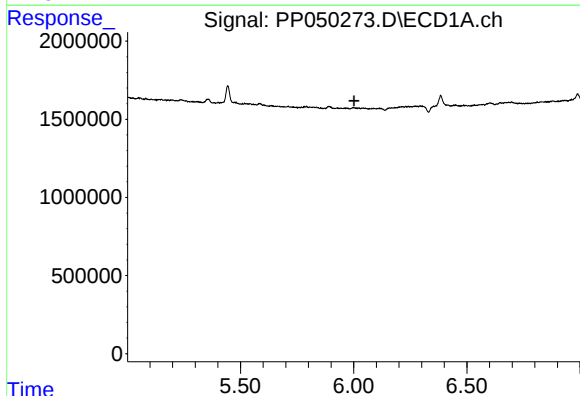
R.T.: 0.000 min  
Exp R.T.: 5.707 min  
Response: 0  
Conc: N.D.

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



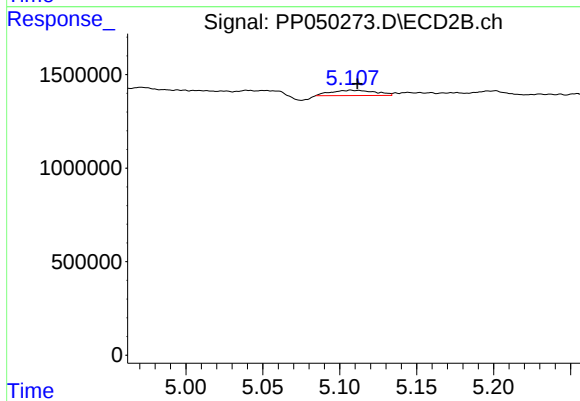
#6 AR-1016-4

R.T.: 4.906 min  
Delta R.T.: 0.007 min  
Response: 197420  
Conc: 3.39 ng/ml



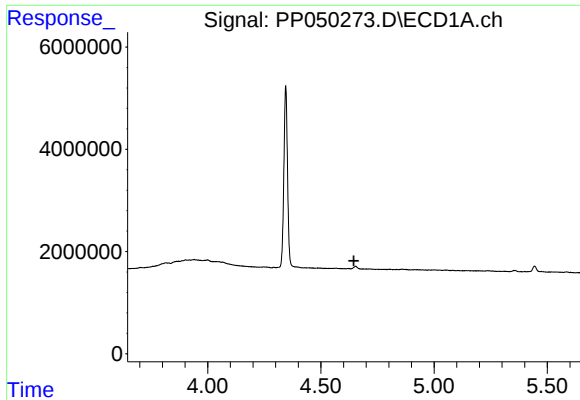
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 6.001 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

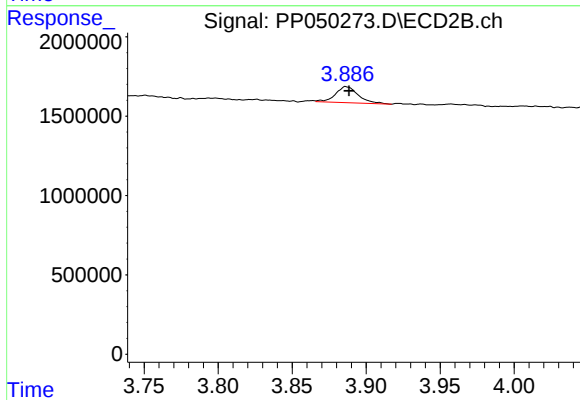
R.T.: 5.107 min  
Delta R.T.: -0.004 min  
Response: 569670  
Conc: 7.46 ng/ml



#9 AR-1221-2

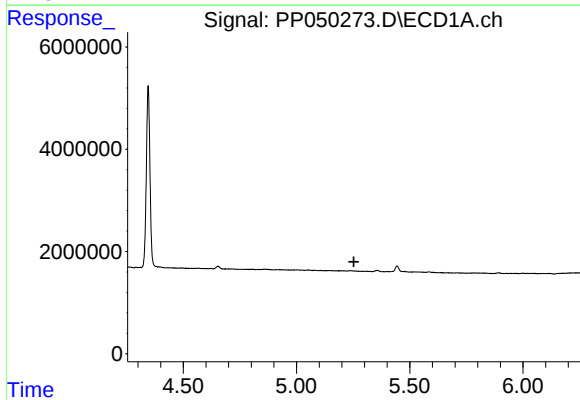
R.T.: 0.000 min  
Exp R.T. : 4.646 min  
Response: 0  
Conc: N.D.

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



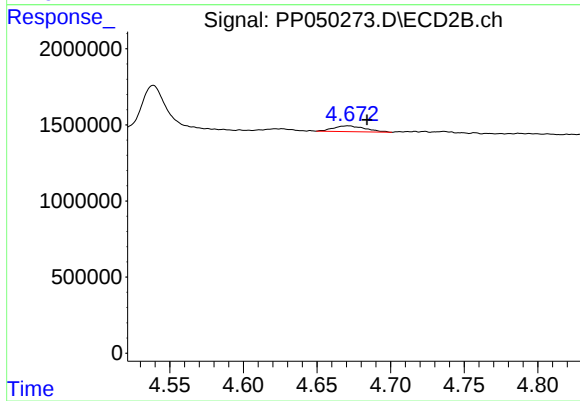
#9 AR-1221-2

R.T.: 3.886 min  
Delta R.T.: -0.002 min  
Response: 1091238  
Conc: 38.21 ng/ml



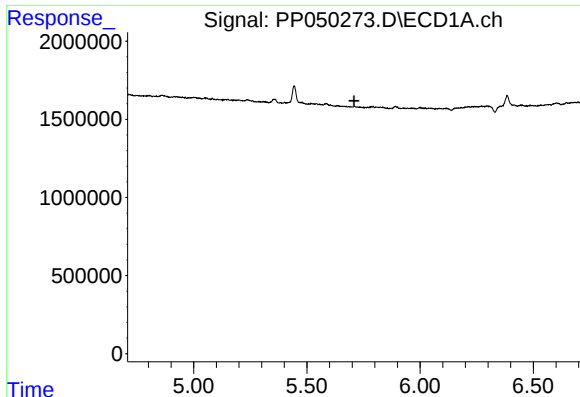
#12 AR-1232-2

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



#12 AR-1232-2

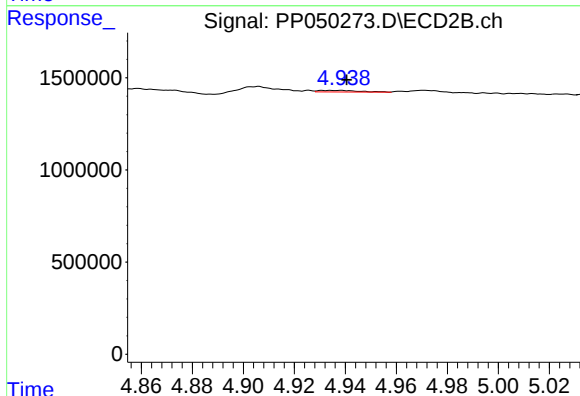
R.T.: 4.671 min  
Delta R.T.: -0.013 min  
Response: 579313  
Conc: 9.01 ng/ml



#14 AR-1232-4

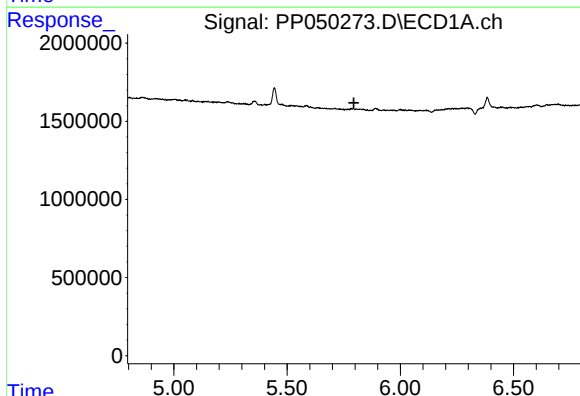
R.T.: 0.000 min  
Exp R.T.: 5.708 min  
Response: 0  
Conc: N.D.

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



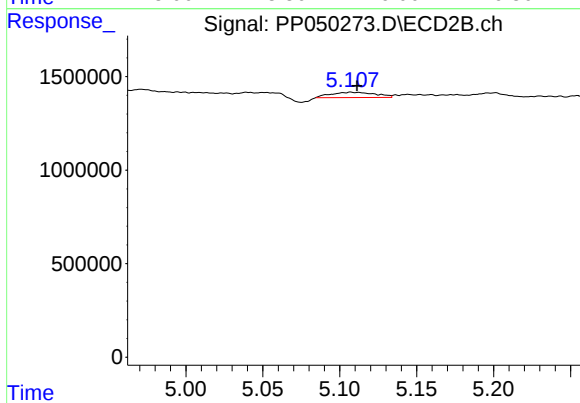
#14 AR-1232-4

R.T.: 4.938 min  
Delta R.T.: -0.002 min  
Response: 93224  
Conc: 3.16 ng/ml



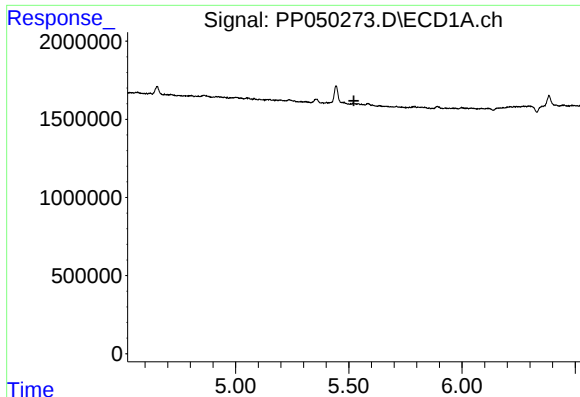
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 5.795 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

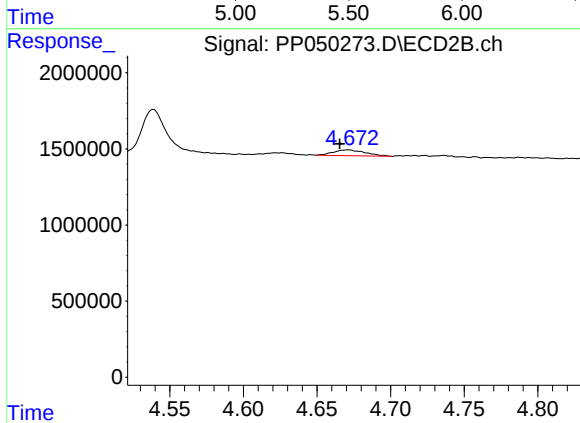
R.T.: 5.107 min  
Delta R.T.: -0.004 min  
Response: 569670  
Conc: 17.30 ng/ml



#16 AR-1242-1

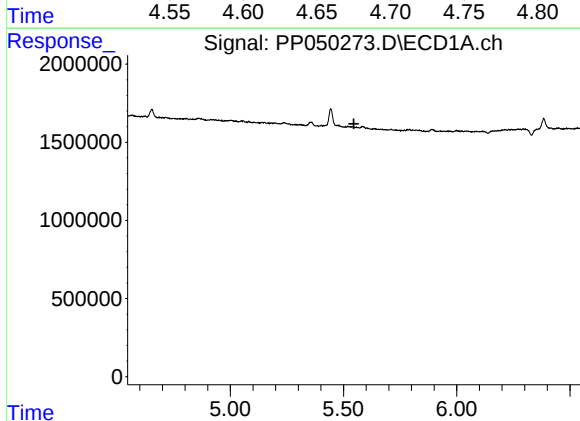
R.T.: 0.000 min  
Exp R.T.: 5.523 min  
Response: 0  
Conc: N.D.

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



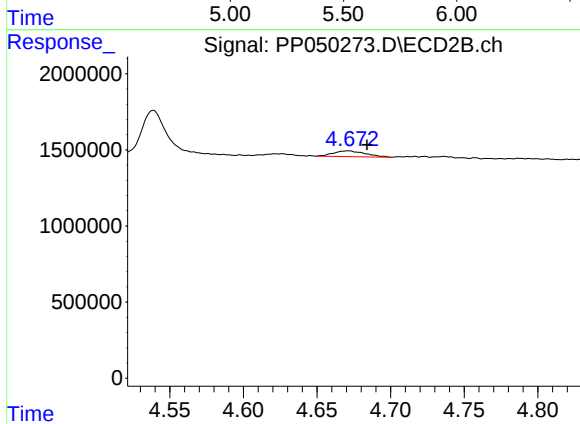
#16 AR-1242-1

R.T.: 4.671 min  
Delta R.T.: 0.006 min  
Response: 579313  
Conc: 6.99 ng/ml



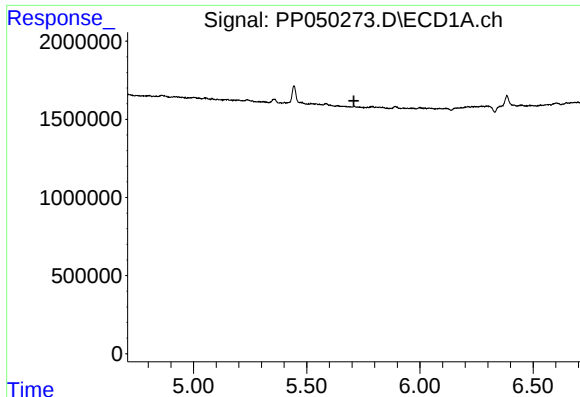
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 5.546 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

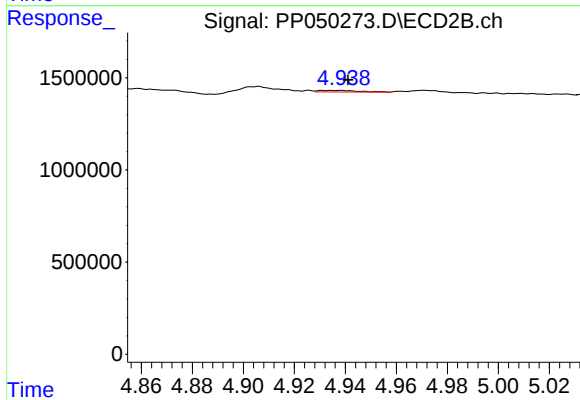
R.T.: 4.671 min  
Delta R.T.: -0.013 min  
Response: 579313  
Conc: 4.96 ng/ml



#19 AR-1242-4

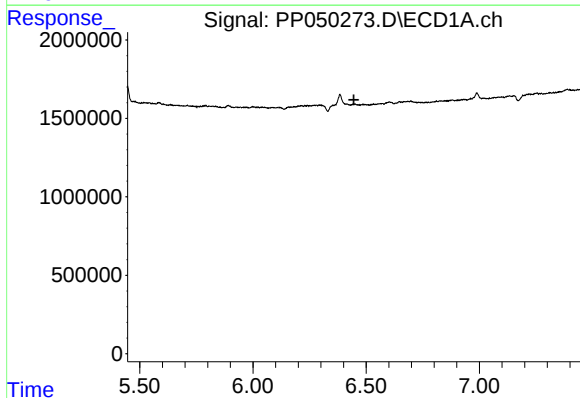
R.T.: 0.000 min  
Exp R.T.: 5.708 min  
Response: 0  
Conc: N.D.

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



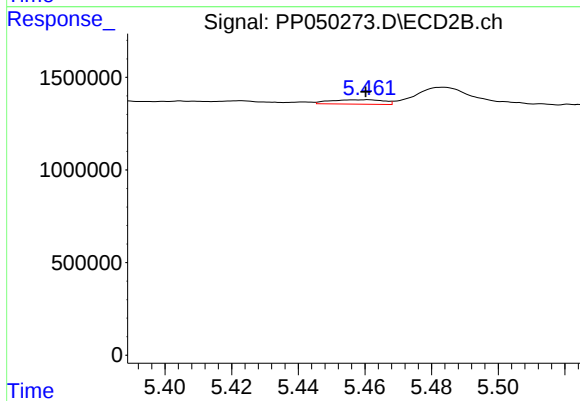
#19 AR-1242-4

R.T.: 4.938 min  
Delta R.T.: -0.003 min  
Response: 93224  
Conc: 1.59 ng/ml



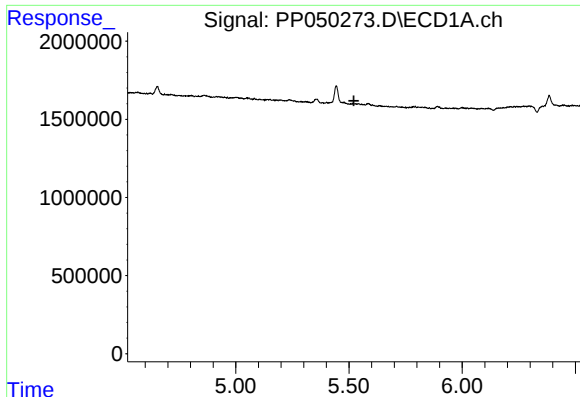
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.446 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

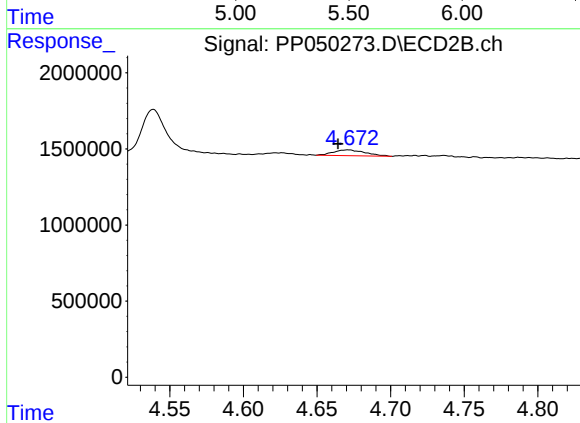
R.T.: 5.461 min  
Delta R.T.: 0.000 min  
Response: 271481  
Conc: 3.91 ng/ml



#21 AR-1248-1

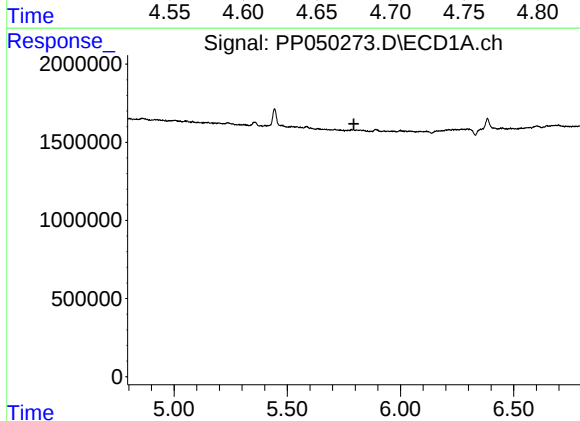
R.T.: 0.000 min  
Exp R.T.: 5.522 min  
Response: 0  
Conc: N.D.

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



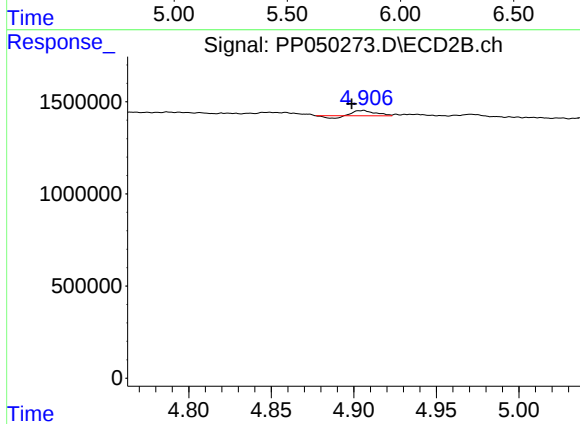
#21 AR-1248-1

R.T.: 4.671 min  
Delta R.T.: 0.007 min  
Response: 579313  
Conc: 8.67 ng/ml



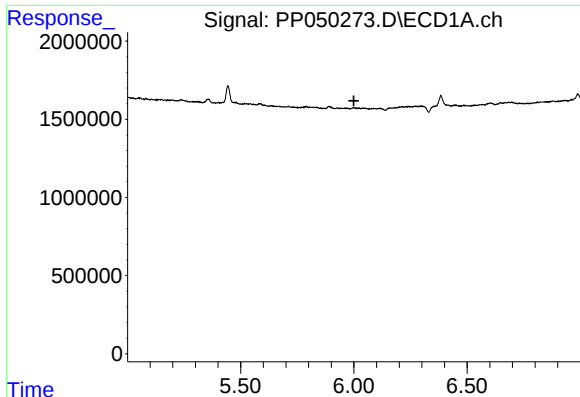
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.794 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

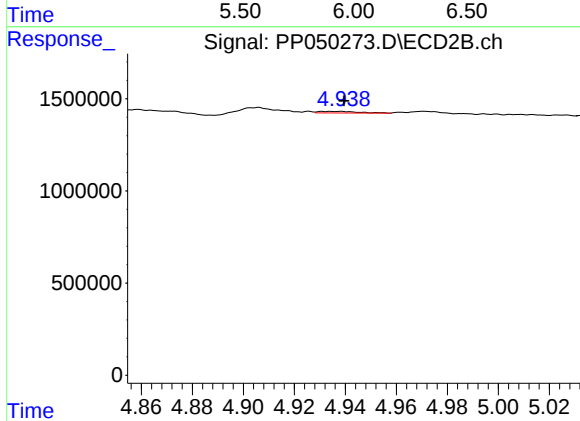
R.T.: 4.906 min  
Delta R.T.: 0.007 min  
Response: 197420  
Conc: 2.29 ng/ml



#23 AR-1248-3

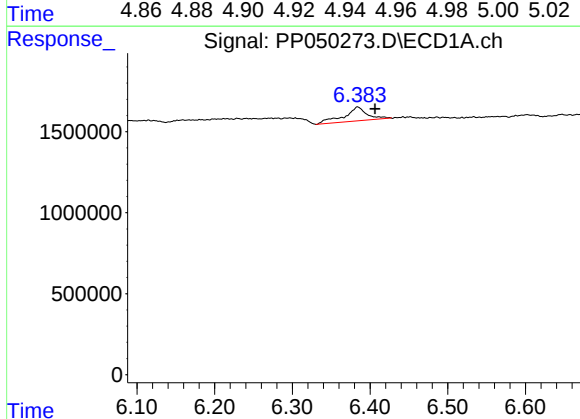
R.T.: 0.000 min  
Exp R.T.: 6.000 min  
Response: 0  
Conc: N.D.

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



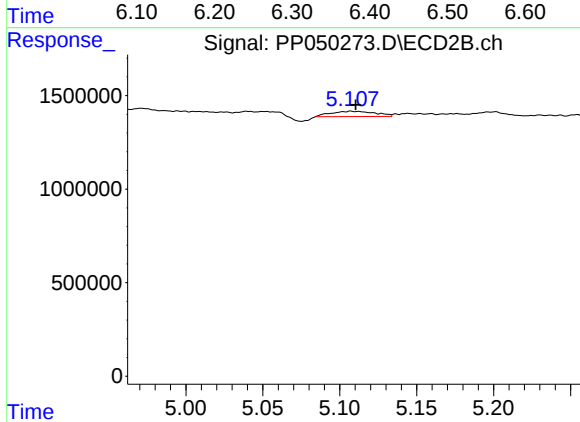
#23 AR-1248-3

R.T.: 4.938 min  
Delta R.T.: -0.001 min  
Response: 93224  
Conc: 1.03 ng/ml



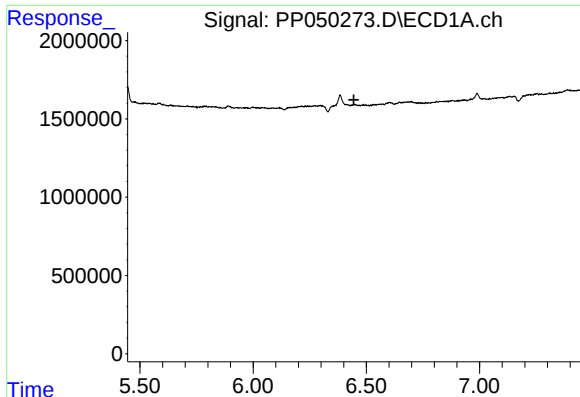
#24 AR-1248-4

R.T.: 6.384 min  
Delta R.T.: -0.022 min  
Response: 1764512  
Conc: 22.31 ng/ml



#24 AR-1248-4

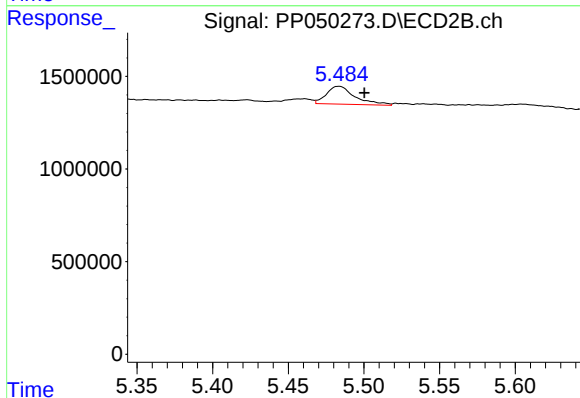
R.T.: 5.107 min  
Delta R.T.: -0.003 min  
Response: 569670  
Conc: 5.40 ng/ml



#25 AR-1248-5

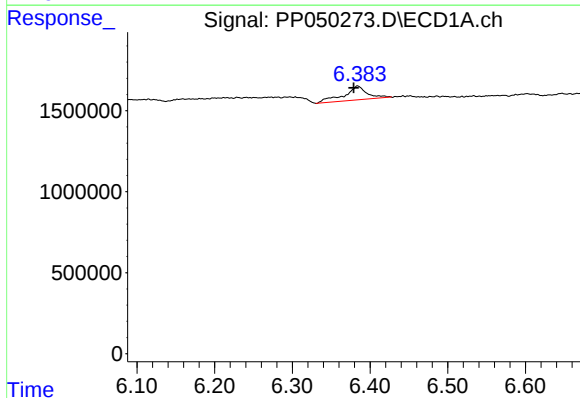
R.T.: 0.000 min  
Exp R.T.: 6.445 min  
Response: 0  
Conc: N.D.

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



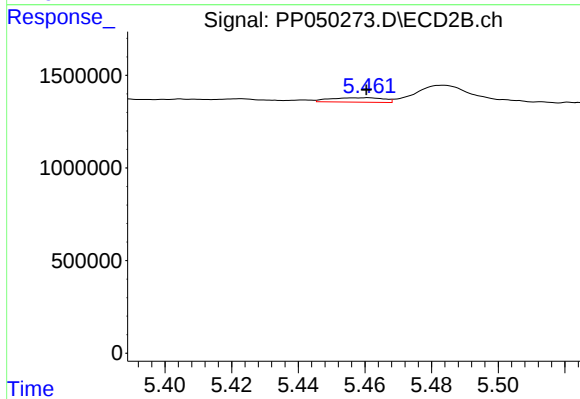
#25 AR-1248-5

R.T.: 5.483 min  
Delta R.T.: -0.017 min  
Response: 1271454  
Conc: 12.81 ng/ml



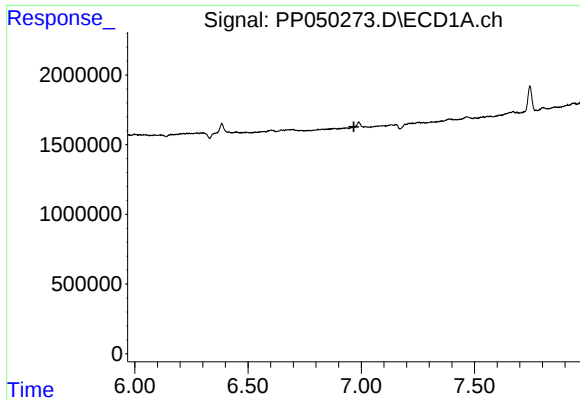
#26 AR-1254-1

R.T.: 6.384 min  
Delta R.T.: 0.005 min  
Response: 1764512  
Conc: 25.45 ng/ml



#26 AR-1254-1

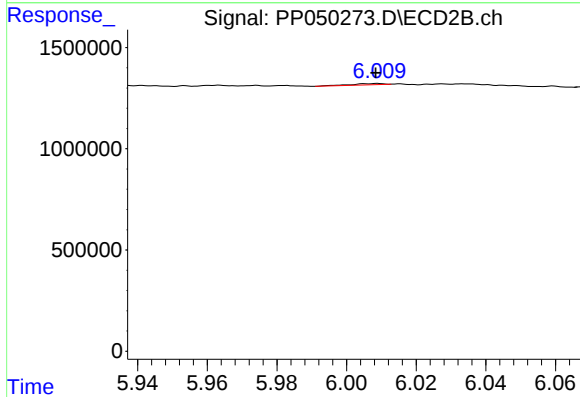
R.T.: 5.461 min  
Delta R.T.: 0.000 min  
Response: 271481  
Conc: 2.05 ng/ml



#28 AR-1254-3

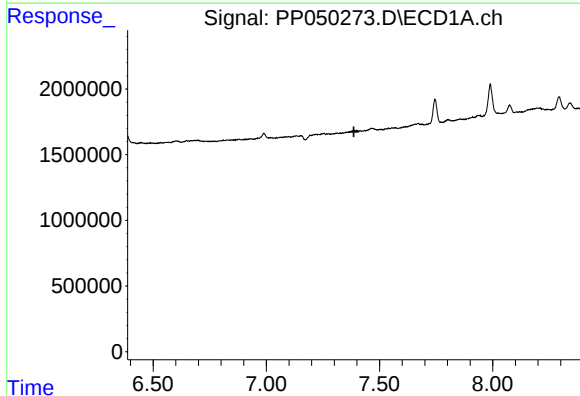
R.T.: 0.000 min  
Exp R.T.: 6.967 min  
Response: 0  
Conc: N.D.

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



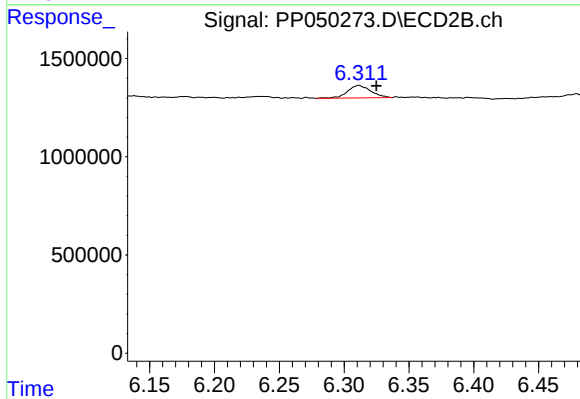
#28 AR-1254-3

R.T.: 6.009 min  
Delta R.T.: 0.000 min  
Response: 37295  
Conc: 0.23 ng/ml



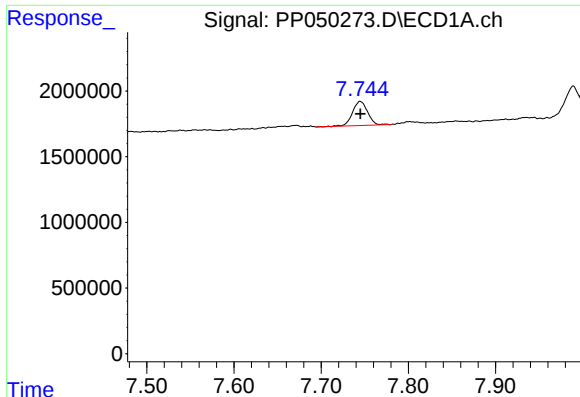
#32 AR-1260-2

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



#32 AR-1260-2

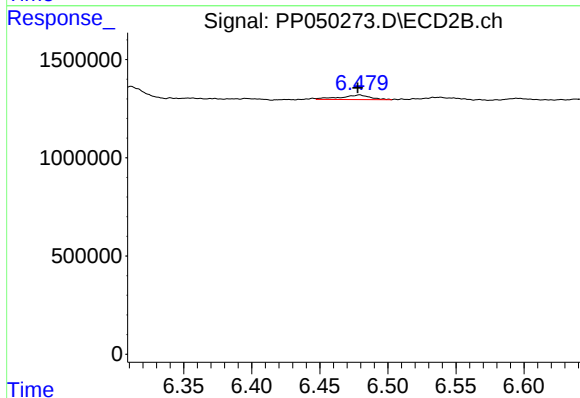
R.T.: 6.312 min  
Delta R.T.: -0.013 min  
Response: 801167  
Conc: 5.96 ng/ml



#33 AR-1260-3

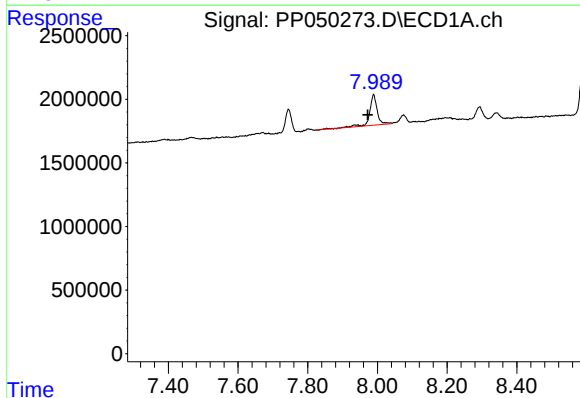
R.T.: 7.745 min  
Delta R.T.: 0.000 min  
Response: 2200740  
Conc: 25.84 ng/ml

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



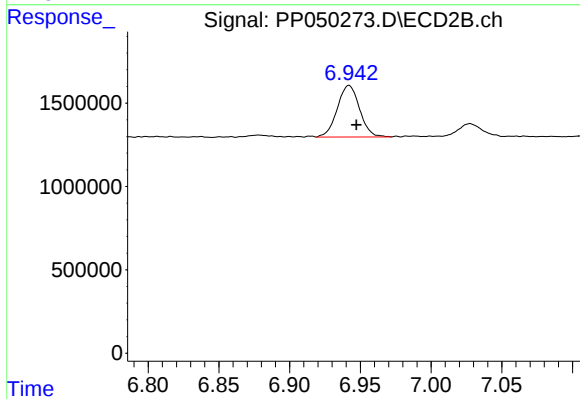
#33 AR-1260-3

R.T.: 6.479 min  
Delta R.T.: 0.001 min  
Response: 355754  
Conc: 2.95 ng/ml



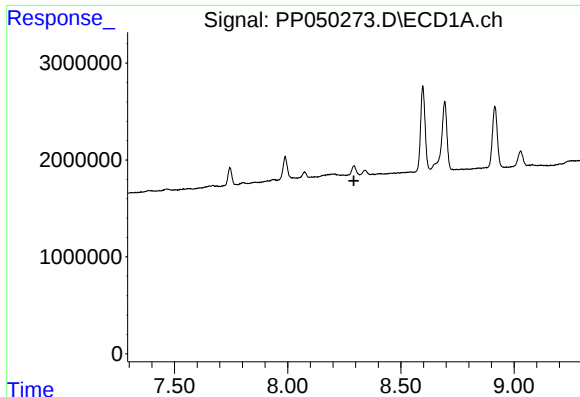
#34 AR-1260-4

R.T.: 7.989 min  
Delta R.T.: 0.016 min  
Response: 3726401  
Conc: 39.15 ng/ml



#34 AR-1260-4

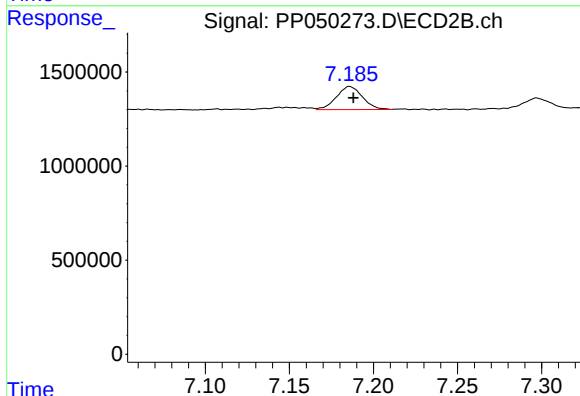
R.T.: 6.942 min  
Delta R.T.: -0.005 min  
Response: 3388335  
Conc: 38.22 ng/ml



#35 AR-1260-5

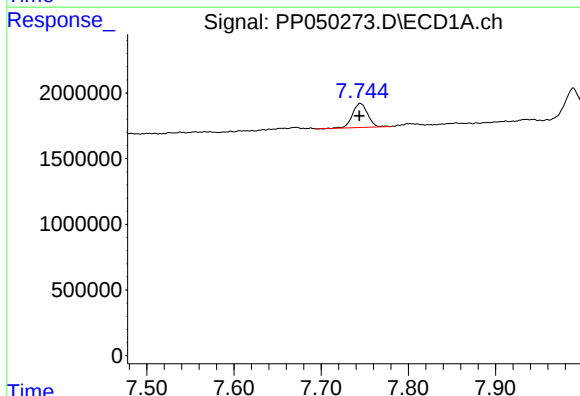
R.T.: 0.000 min  
Exp R.T.: 8.292 min  
Response: 0  
Conc: N.D.

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



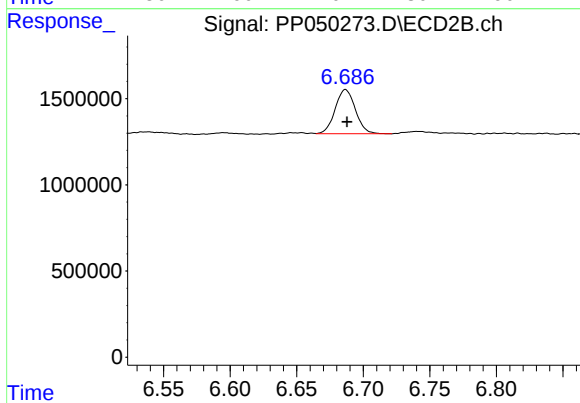
#35 AR-1260-5

R.T.: 7.186 min  
Delta R.T.: -0.002 min  
Response: 1317230  
Conc: 6.76 ng/ml



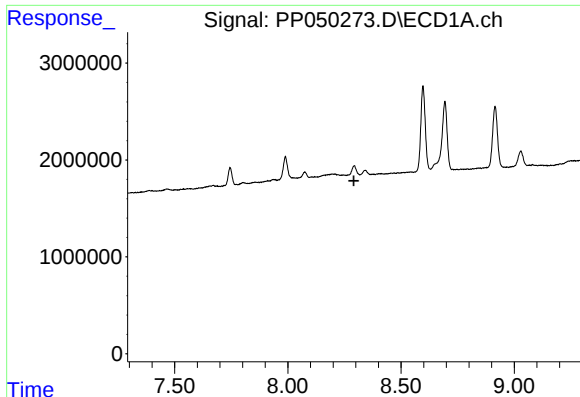
#36 AR-1262-1

R.T.: 7.745 min  
Delta R.T.: 0.000 min  
Response: 2200740  
Conc: 18.38 ng/ml



#36 AR-1262-1

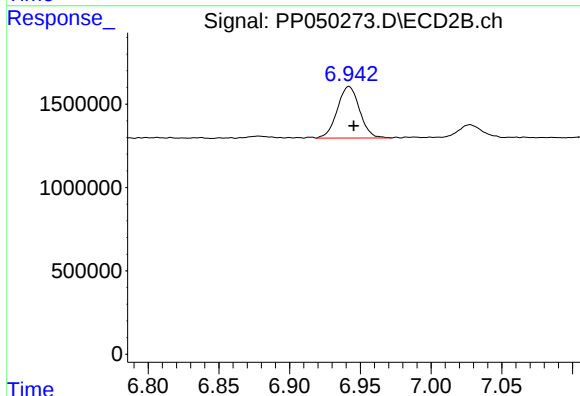
R.T.: 6.687 min  
Delta R.T.: -0.001 min  
Response: 2721549  
Conc: 20.14 ng/ml



#37 AR-1262-2

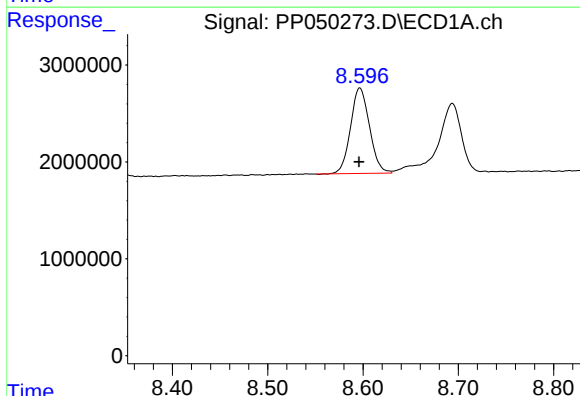
R.T.: 0.000 min  
Exp R.T.: 8.291 min  
Response: 0  
Conc: N.D.

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



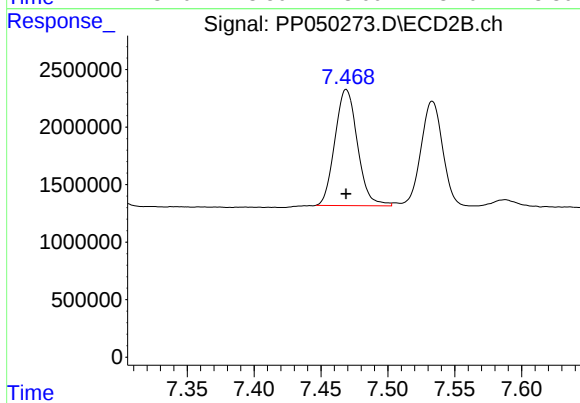
#37 AR-1262-2

R.T.: 6.942 min  
Delta R.T.: -0.003 min  
Response: 3388335  
Conc: 31.18 ng/ml



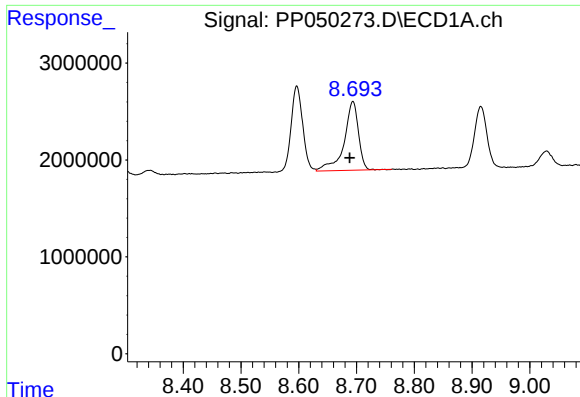
#38 AR-1262-3

R.T.: 8.597 min  
Delta R.T.: 0.001 min  
Response: 12196806  
Conc: 124.12 ng/ml



#38 AR-1262-3

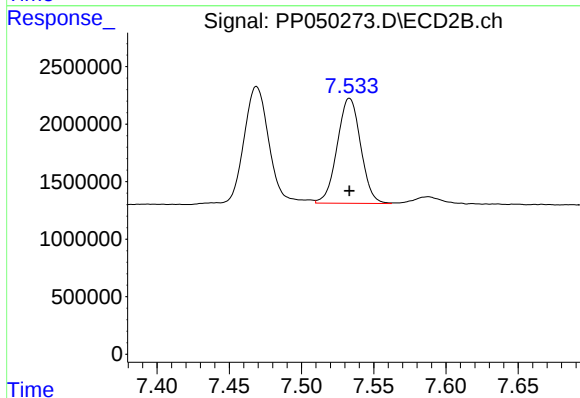
R.T.: 7.469 min  
Delta R.T.: 0.000 min  
Response: 11887473  
Conc: 163.80 ng/ml



#39 AR-1262-4

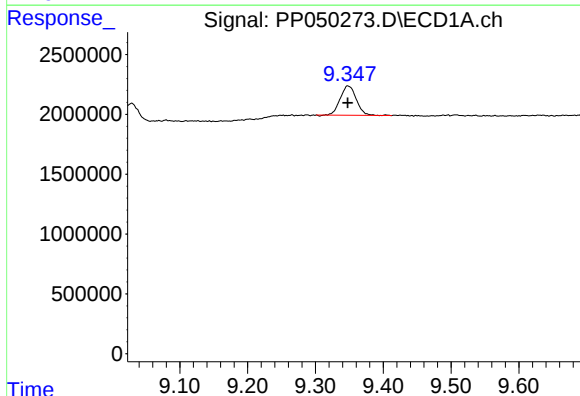
R.T.: 8.694 min  
Delta R.T.: 0.005 min  
Response: 12155338  
Conc: 189.08 ng/ml

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



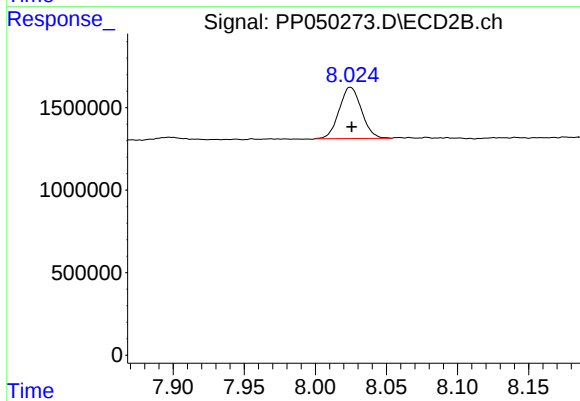
#39 AR-1262-4

R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 10314268  
Conc: 74.81 ng/ml



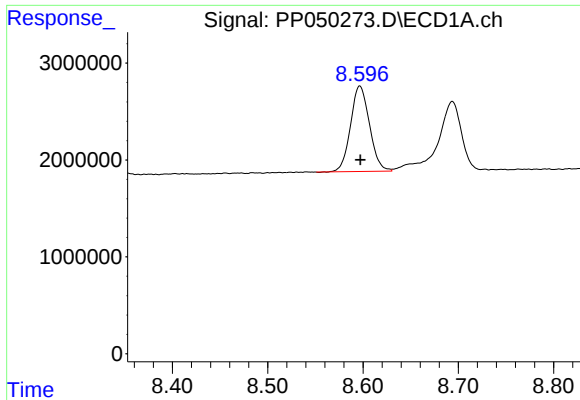
#40 AR-1262-5

R.T.: 9.349 min  
Delta R.T.: 0.000 min  
Response: 4023924  
Conc: 50.98 ng/ml



#40 AR-1262-5

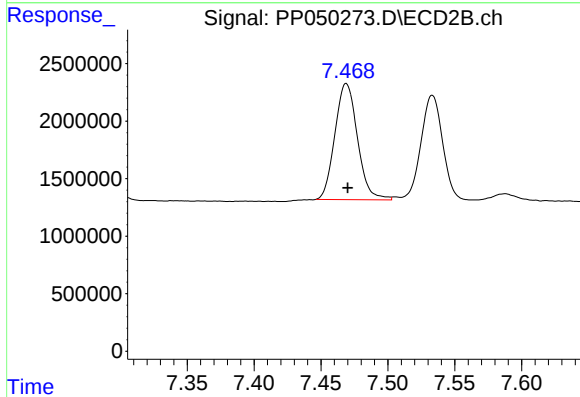
R.T.: 8.025 min  
Delta R.T.: -0.001 min  
Response: 3385645  
Conc: 52.57 ng/ml



#41 AR-1268-1

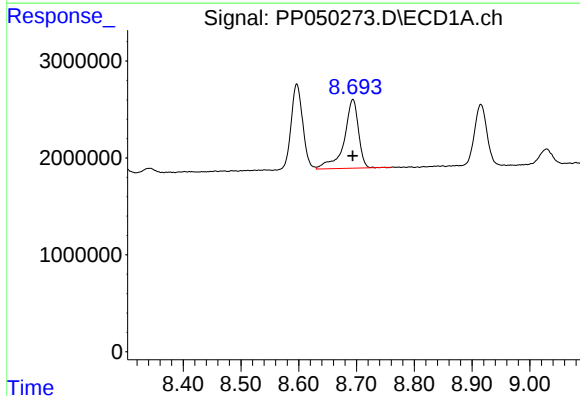
R.T.: 8.597 min  
Delta R.T.: 0.000 min  
Response: 12196806  
Conc: 48.04 ng/ml

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



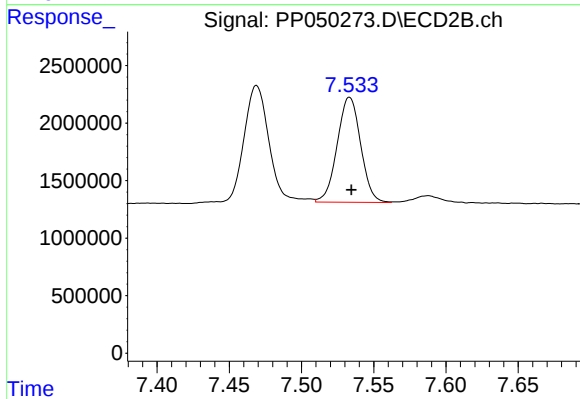
#41 AR-1268-1

R.T.: 7.469 min  
Delta R.T.: -0.001 min  
Response: 11887473  
Conc: 54.10 ng/ml



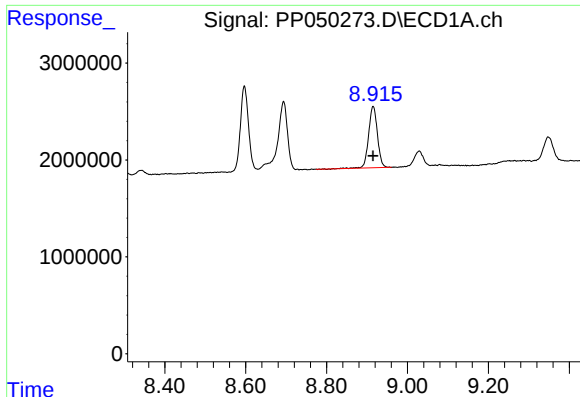
#42 AR-1268-2

R.T.: 8.694 min  
Delta R.T.: 0.000 min  
Response: 12155338  
Conc: 49.83 ng/ml



#42 AR-1268-2

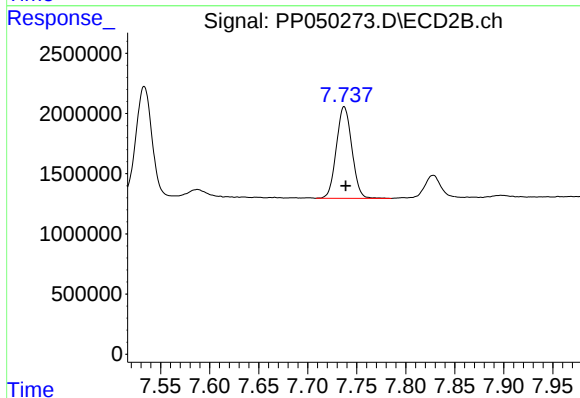
R.T.: 7.533 min  
Delta R.T.: -0.001 min  
Response: 10314268  
Conc: 51.79 ng/ml



#43 AR-1268-3

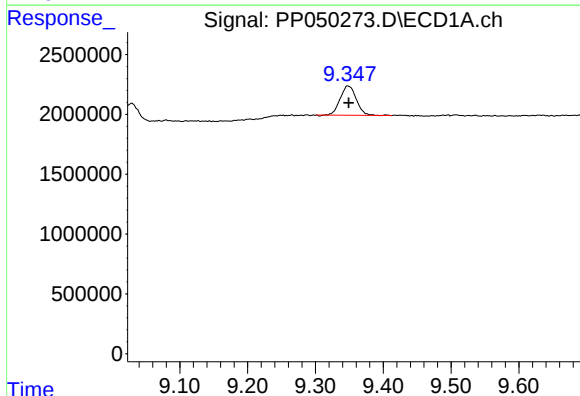
R.T.: 8.915 min  
Delta R.T.: 0.000 min  
Response: 9567220  
Conc: 48.18 ng/ml

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



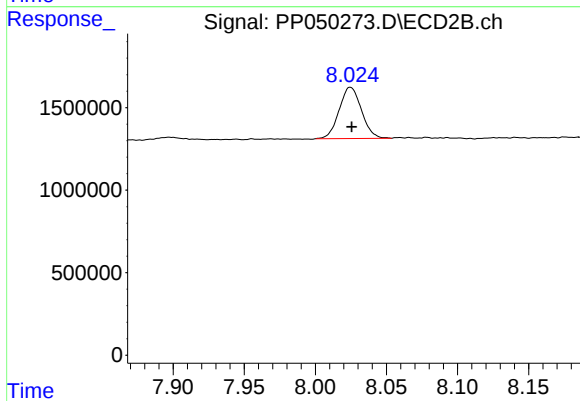
#43 AR-1268-3

R.T.: 7.737 min  
Delta R.T.: -0.002 min  
Response: 8403216  
Conc: 49.64 ng/ml



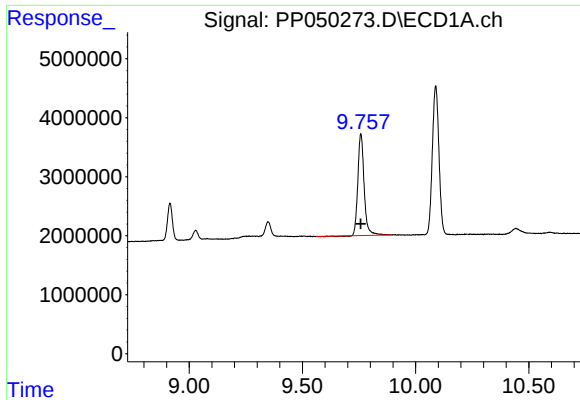
#44 AR-1268-4

R.T.: 9.349 min  
Delta R.T.: 0.000 min  
Response: 4023924  
Conc: 46.69 ng/ml



#44 AR-1268-4

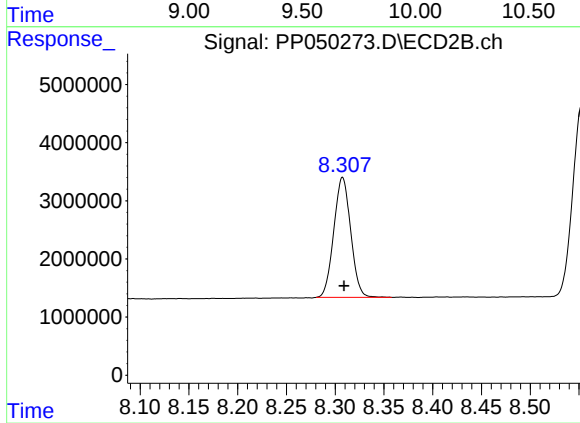
R.T.: 8.025 min  
Delta R.T.: -0.001 min  
Response: 3385645  
Conc: 47.65 ng/ml



#45 AR-1268-5

R.T.: 9.758 min  
Delta R.T.: 0.001 min  
Response: 33265553  
Conc: 49.88 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: 24975912  
Conc: 45.36 ng/ml