

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP020124\  
 Data File : PP063226.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Feb 2024 05:29  
 Operator : YP\AJ  
 Sample : P1187-08  
 Misc : AR1221 LOQ 50 PPB  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 02 06:32:08 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP020124.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Feb 01 16:28:12 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... | 4.492  | 3.647  | 45437061 | 44302954 | 18.996 | 18.639   |
| 2)                          | SA Decachlor... | 10.362 | 8.699  | 49985570 | 53724845 | 22.227 | 21.689   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.760f | 0        | 488200   | N.D.   | 6.824 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.760  | 0        | 488200   | N.D.   | 4.753 #  |
| 8)                          | L2 AR-1221-1    | 4.702  | 3.864  | 1199065  | 1048716  | 43.092 | 39.659   |
| 9)                          | L2 AR-1221-2    | 4.800  | 3.949  | 1552713  | 1241852  | 72.778 | 62.872   |
| 10)                         | L2 AR-1221-3    | 4.867  | 4.026  | 2566099  | 2566741  | 41.656 | 42.158   |
| 11)                         | L3 AR-1232-1    | 4.867  | 4.026  | 2566099  | 2566741  | 48.331 | 47.756   |
| 12)                         | L3 AR-1232-2    | 5.403  | 4.760  | 222304   | 488200   | 7.348  | 10.188 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.022  | 0        | 554211   | N.D.   | 21.261 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.760f | 0        | 488200   | N.D.   | 8.984 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.760  | 0        | 488200   | N.D.   | 6.268 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.022  | 0        | 554211   | N.D.   | 11.867 # |
| 20)                         | L4 AR-1242-5    | 6.602  | 5.575f | 2617813  | 2258108  | 58.699 | 43.633 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.760f | 0        | 488200   | N.D.   | 11.784 # |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.022  | 0        | 554211   | N.D.   | 7.911 #  |
| 24)                         | L5 AR-1248-4    | 6.537f | 0.000  | 6117505  | 0        | 82.088 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.602  | 5.575f | 2617813  | 2258108  | 33.651 | 32.912   |
| 26)                         | L6 AR-1254-1    | 6.537  | 5.575f | 6117505  | 2258108  | 68.417 | 18.621 # |
| 27)                         | L6 AR-1254-2    | 6.759  | 0.000  | 10904047 | 0        | 83.072 | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.127  | 0.000  | 5619574  | 0        | 42.030 | N.D. #   |
| 29)                         | L6 AR-1254-4    | 7.418  | 0.000  | 1807929  | 0        | 22.887 | N.D. #   |
| 30)                         | L6 AR-1254-5    | 7.834  | 6.755  | 328946   | 574597   | 3.320  | 4.044    |
| 31)                         | L7 AR-1260-1    | 7.292  | 0.000  | 2587221  | 0        | 21.258 | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.560  | 6.406f | 1822467  | 1717660  | 14.330 | 11.629   |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.572  | 0        | 734599   | N.D.   | 5.067 #  |
| 34)                         | L7 AR-1260-4    | 8.140  | 0.000  | 549911   | 0        | 4.684  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.474  | 7.298  | 250813   | 733248   | 1.278  | 2.951 #  |
| 37)                         | L8 AR-1262-2    | 8.474  | 0.000  | 250813   | 0        | 1.088  | N.D. #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.617f | 0        | 576234   | N.D.   | 4.764 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.644  | 0        | 786624   | N.D.   | 3.733 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.151  | 0        | 54718    | N.D.   | 0.670 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.617f | 0        | 576234   | N.D.   | 1.791 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.644  | 0        | 786624   | N.D.   | 2.632 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.151  | 0        | 54718    | N.D.   | 0.623 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.438  | 0        | 707412   | N.D.   | 0.840 #  |
| -----                       |                 |        |        |          |          |        |          |

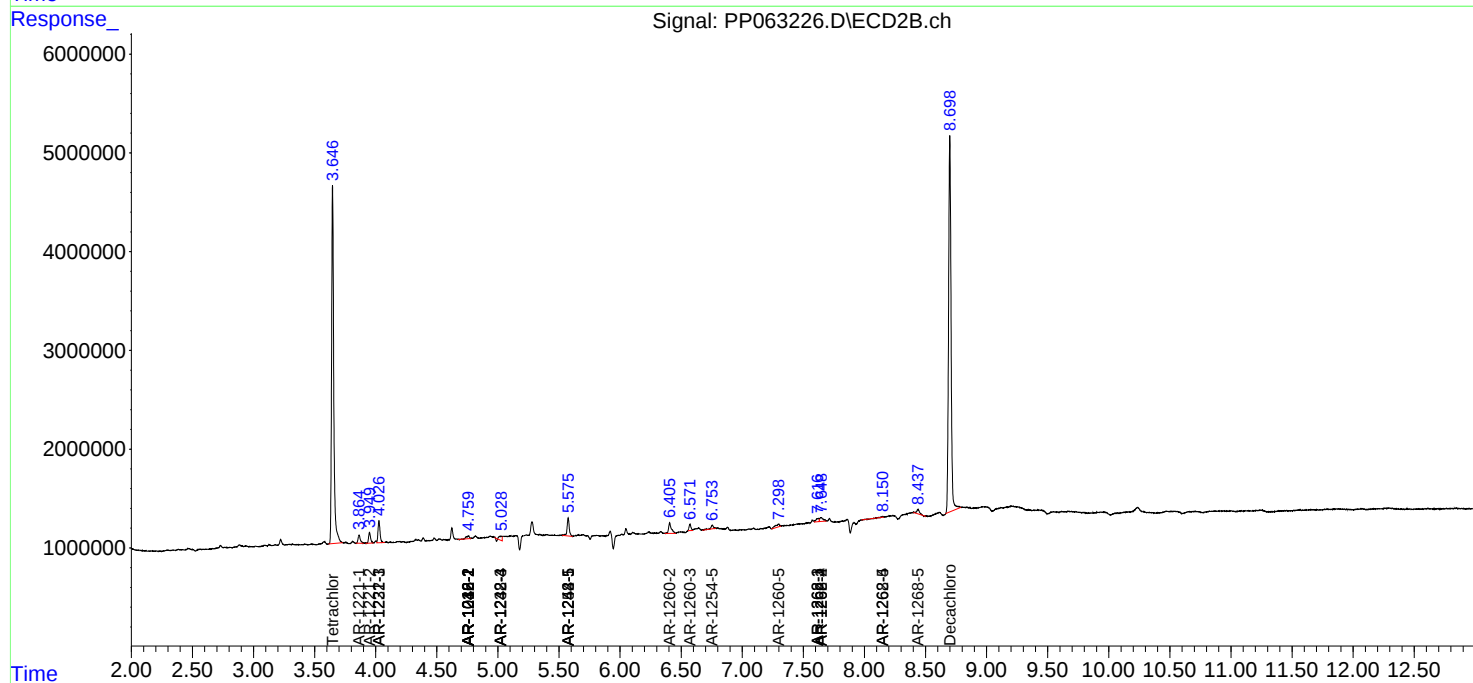
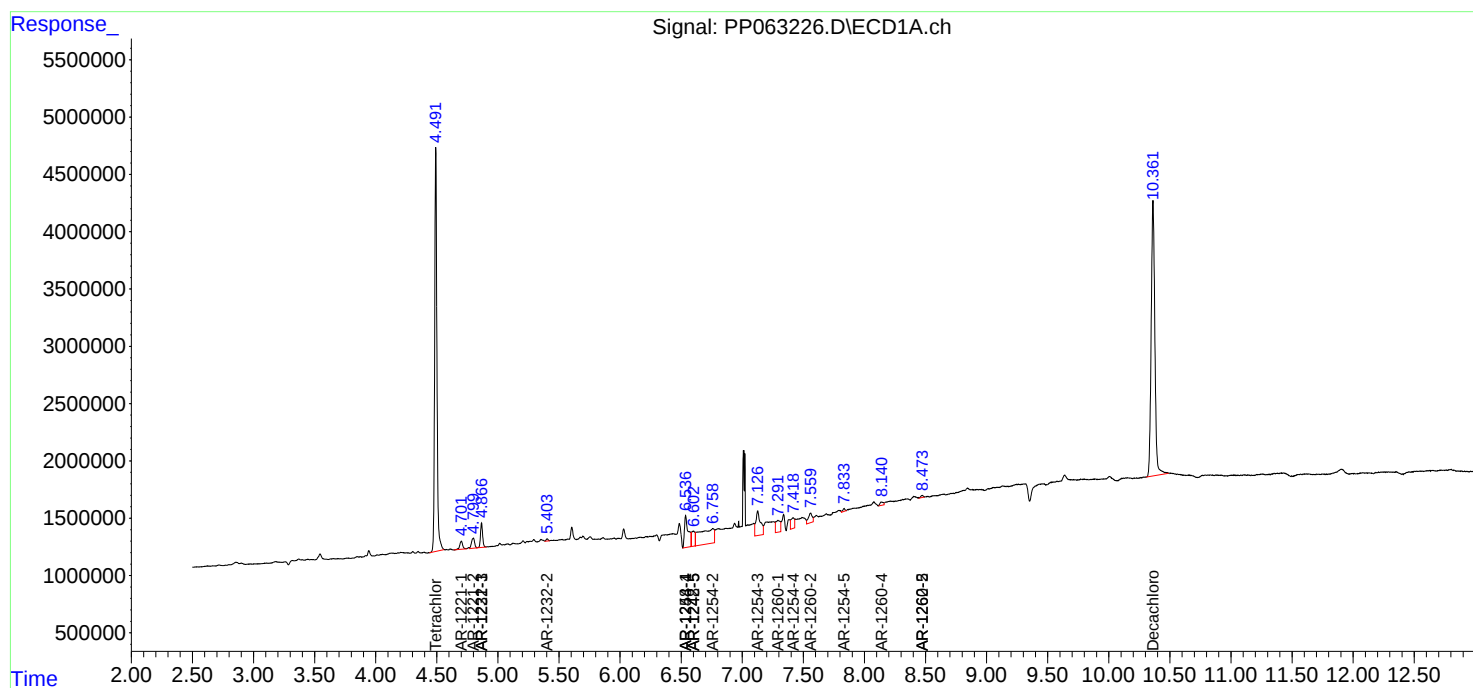
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

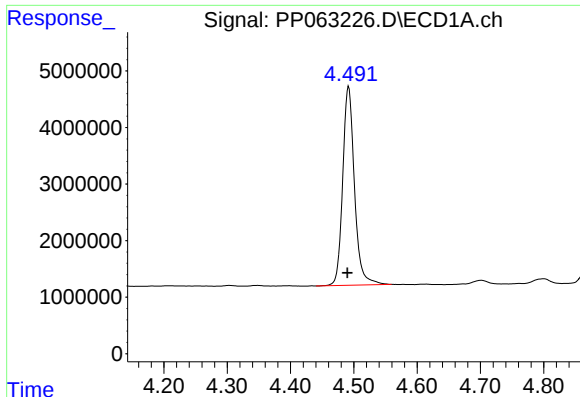
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP020124\  
Data File : PP063226.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Feb 2024 05:29  
Operator : YP\AJ  
Sample : P1187-08  
Misc : AR1221 LOQ 50 PPB  
ALS Vial : 61 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 02 06:32:08 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP020124.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Feb 01 16:28:12 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

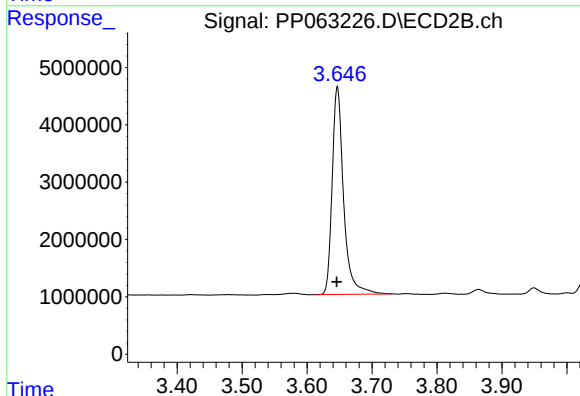




#1 Tetrachloro-m-xylene

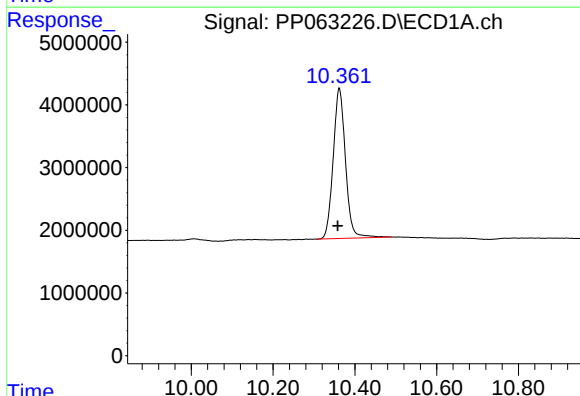
R.T.: 4.492 min  
Delta R.T.: 0.002 min  
Response: 45437061  
Conc: 19.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



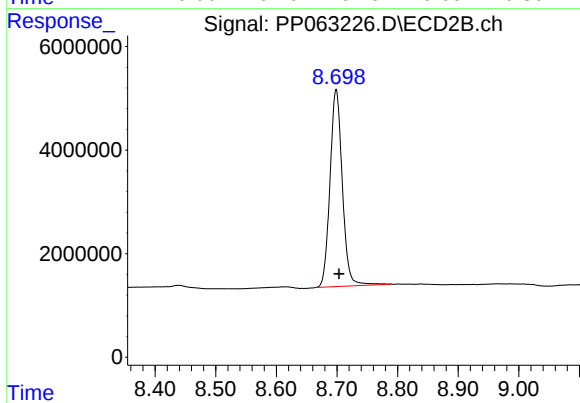
#1 Tetrachloro-m-xylene

R.T.: 3.647 min  
Delta R.T.: 0.001 min  
Response: 44302954  
Conc: 18.64 ng/ml



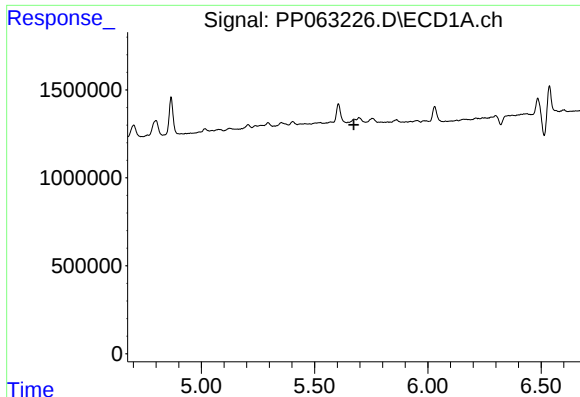
#2 Decachlorobiphenyl

R.T.: 10.362 min  
Delta R.T.: 0.004 min  
Response: 49985570  
Conc: 22.23 ng/ml



#2 Decachlorobiphenyl

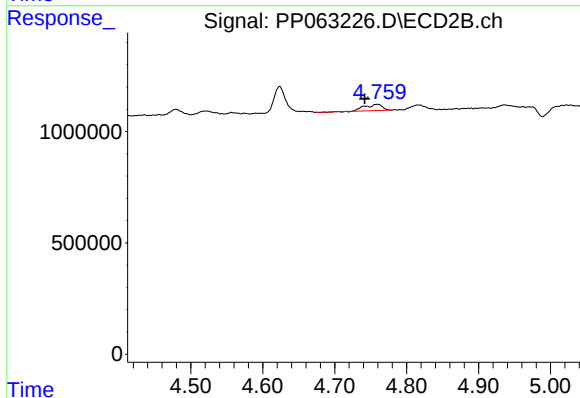
R.T.: 8.699 min  
Delta R.T.: -0.005 min  
Response: 53724845  
Conc: 21.69 ng/ml



#3 AR-1016-1

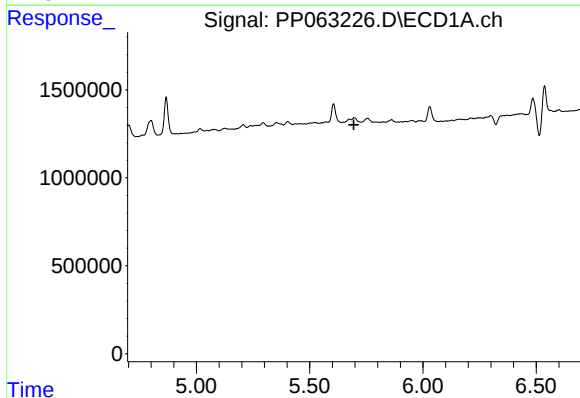
R.T.: 0.000 min  
Exp R.T.: 5.673 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



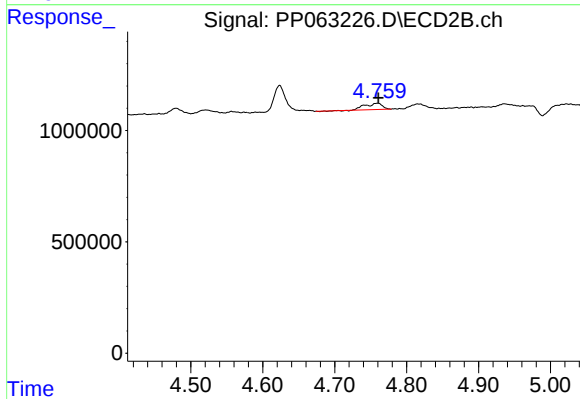
#3 AR-1016-1

R.T.: 4.760 min  
Delta R.T.: 0.018 min  
Response: 488200  
Conc: 6.82 ng/ml



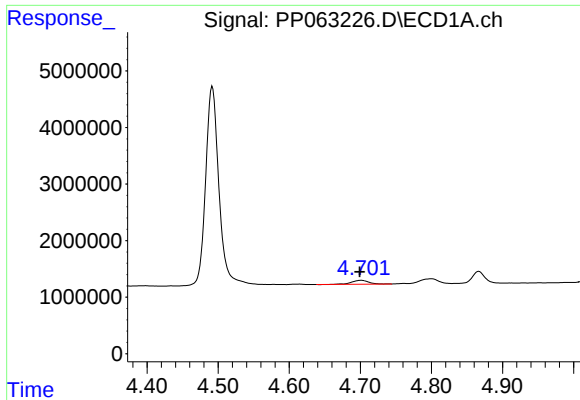
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.695 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

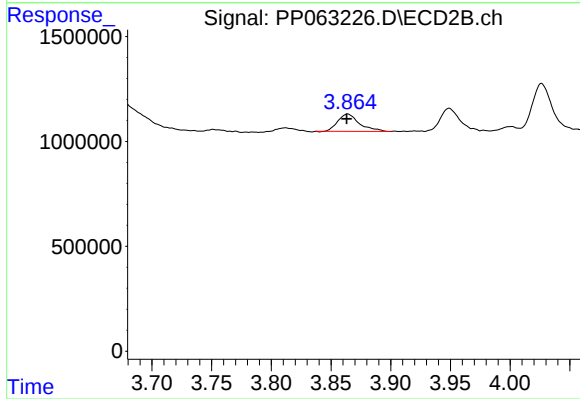
R.T.: 4.760 min  
Delta R.T.: -0.001 min  
Response: 488200  
Conc: 4.75 ng/ml



#8 AR-1221-1

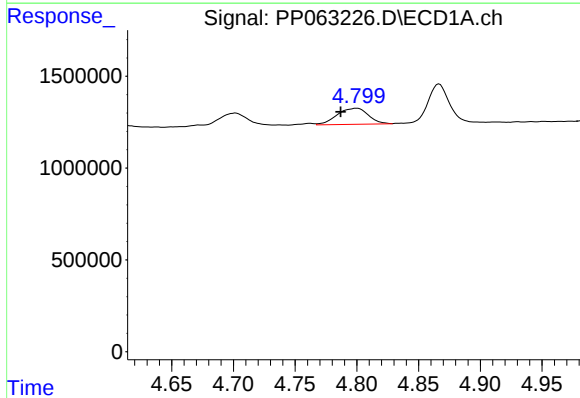
R.T.: 4.702 min  
Delta R.T.: 0.002 min  
Response: 1199065  
Conc: 43.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



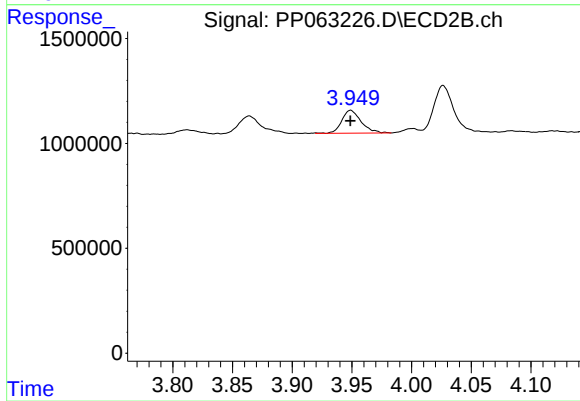
#8 AR-1221-1

R.T.: 3.864 min  
Delta R.T.: 0.000 min  
Response: 1048716  
Conc: 39.66 ng/ml



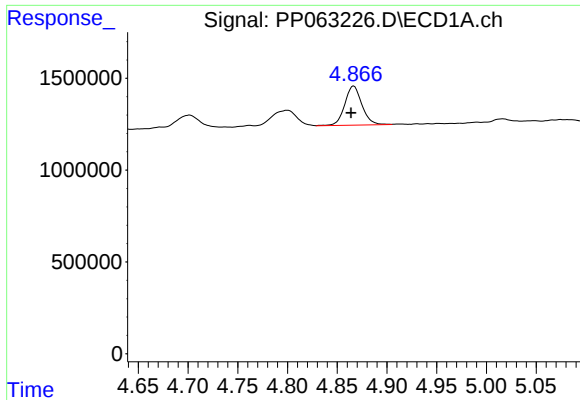
#9 AR-1221-2

R.T.: 4.800 min  
Delta R.T.: 0.013 min  
Response: 1552713  
Conc: 72.78 ng/ml



#9 AR-1221-2

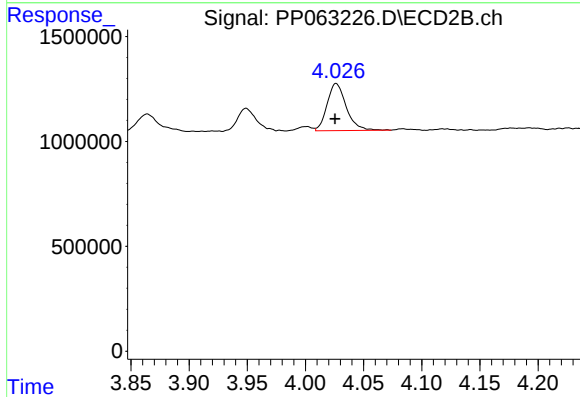
R.T.: 3.949 min  
Delta R.T.: 0.000 min  
Response: 1241852  
Conc: 62.87 ng/ml



#10 AR-1221-3

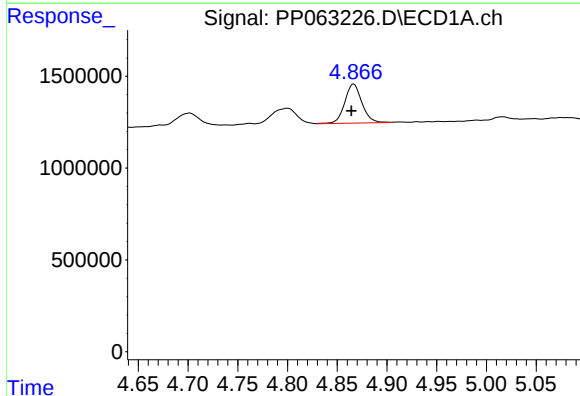
R.T.: 4.867 min  
Delta R.T.: 0.003 min  
Response: 2566099  
Conc: 41.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



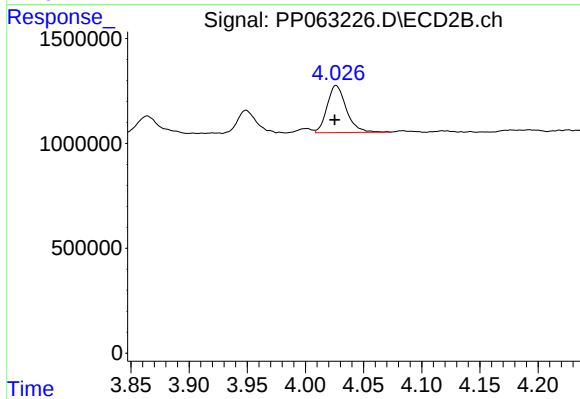
#10 AR-1221-3

R.T.: 4.026 min  
Delta R.T.: 0.000 min  
Response: 2566741  
Conc: 42.16 ng/ml



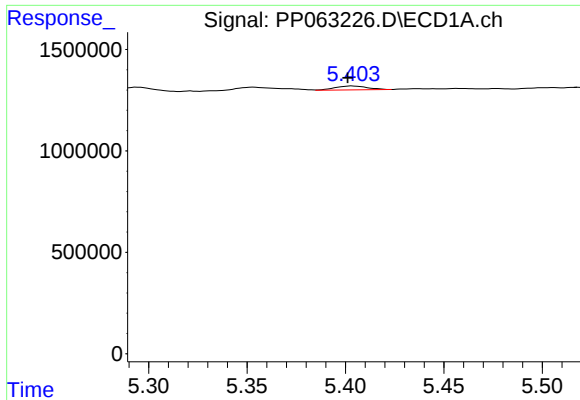
#11 AR-1232-1

R.T.: 4.867 min  
Delta R.T.: 0.002 min  
Response: 2566099  
Conc: 48.33 ng/ml



#11 AR-1232-1

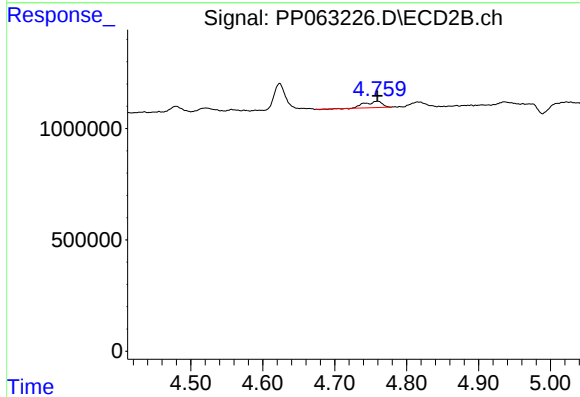
R.T.: 4.026 min  
Delta R.T.: 0.001 min  
Response: 2566741  
Conc: 47.76 ng/ml



#12 AR-1232-2

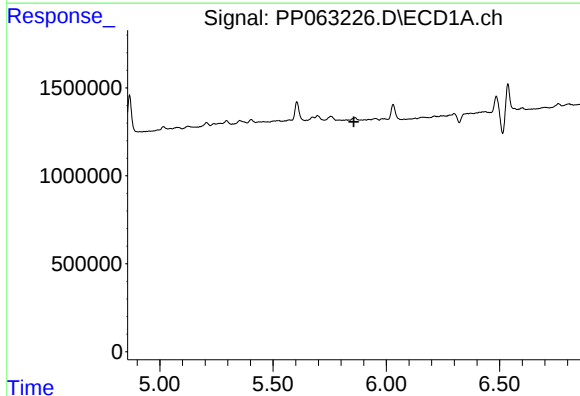
R.T.: 5.403 min  
Delta R.T.: 0.002 min  
Response: 222304  
Conc: 7.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



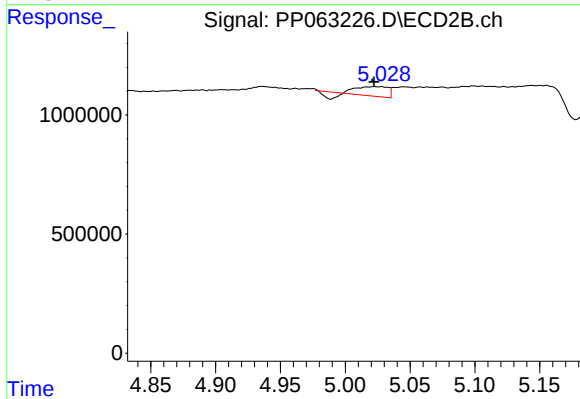
#12 AR-1232-2

R.T.: 4.760 min  
Delta R.T.: 0.000 min  
Response: 488200  
Conc: 10.19 ng/ml



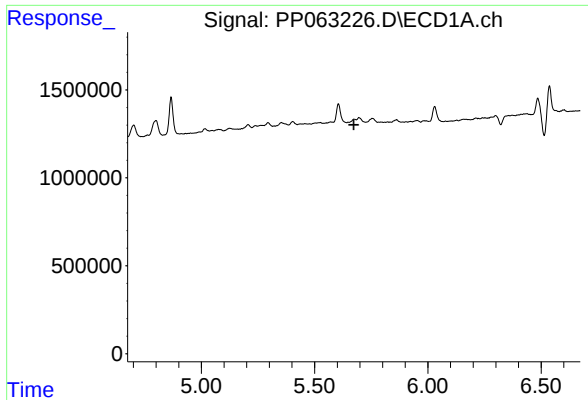
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.856 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

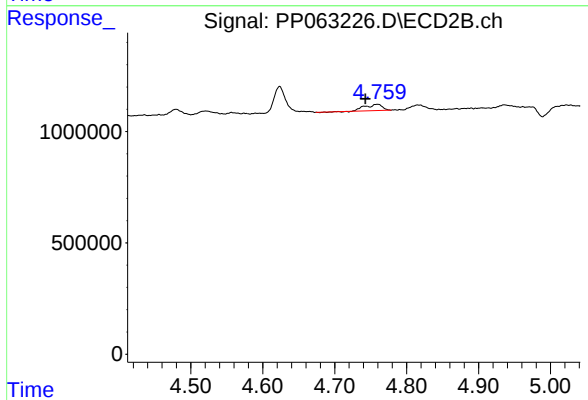
R.T.: 5.022 min  
Delta R.T.: 0.000 min  
Response: 554211  
Conc: 21.26 ng/ml



#16 AR-1242-1

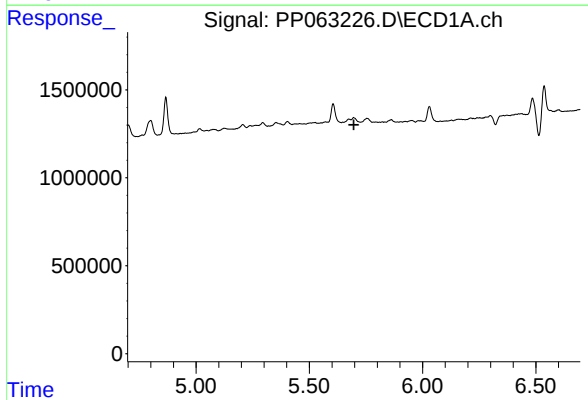
R.T.: 0.000 min  
Exp R.T.: 5.673 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



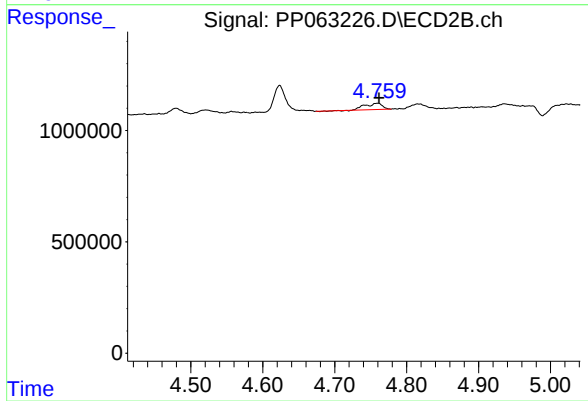
#16 AR-1242-1

R.T.: 4.760 min  
Delta R.T.: 0.017 min  
Response: 488200  
Conc: 8.98 ng/ml



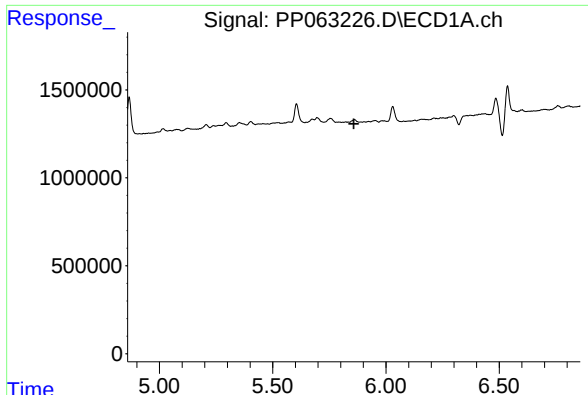
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 5.696 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

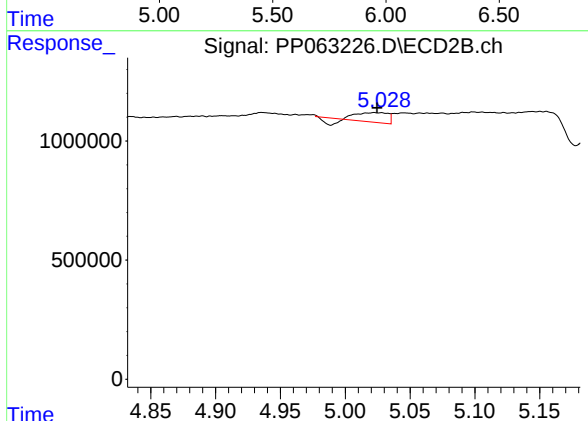
R.T.: 4.760 min  
Delta R.T.: -0.002 min  
Response: 488200  
Conc: 6.27 ng/ml



#19 AR-1242-4

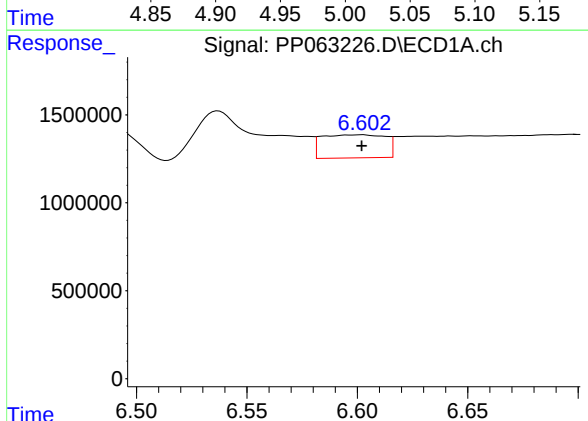
R.T.: 0.000 min  
Exp R.T.: 5.858 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



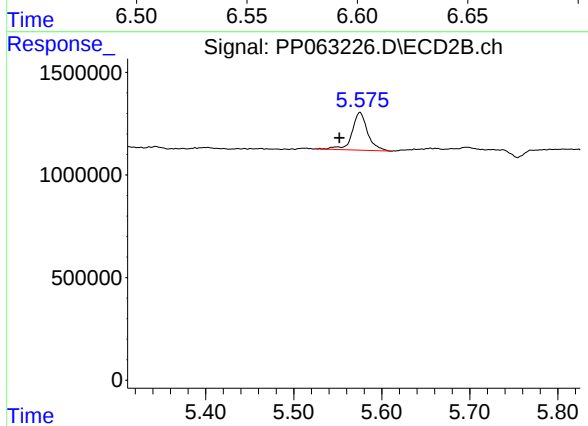
#19 AR-1242-4

R.T.: 5.022 min  
Delta R.T.: -0.002 min  
Response: 554211  
Conc: 11.87 ng/ml



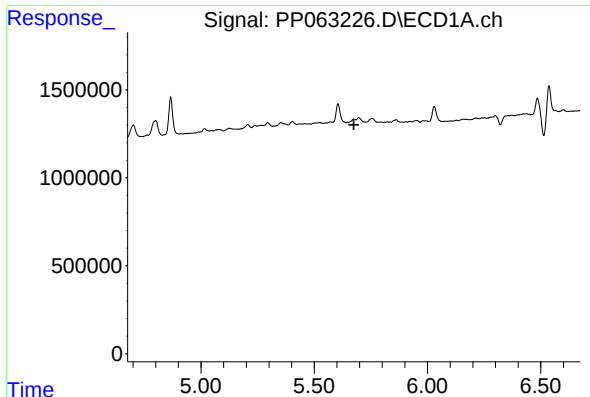
#20 AR-1242-5

R.T.: 6.602 min  
Delta R.T.: 0.000 min  
Response: 2617813  
Conc: 58.70 ng/ml



#20 AR-1242-5

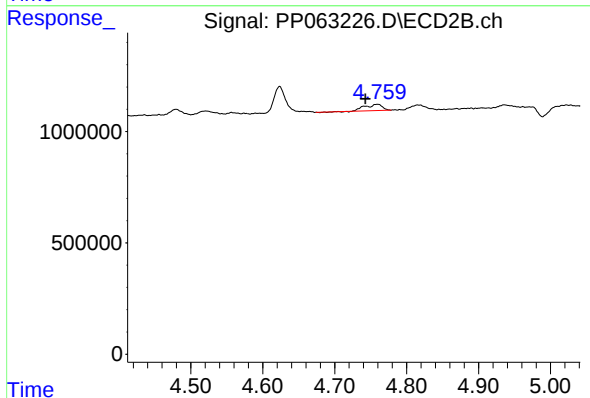
R.T.: 5.575 min  
Delta R.T.: 0.024 min  
Response: 2258108  
Conc: 43.63 ng/ml



#21 AR-1248-1

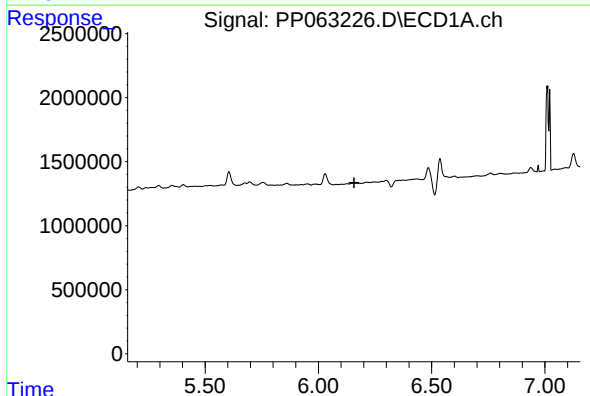
R.T.: 0.000 min  
Exp R.T.: 5.675 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



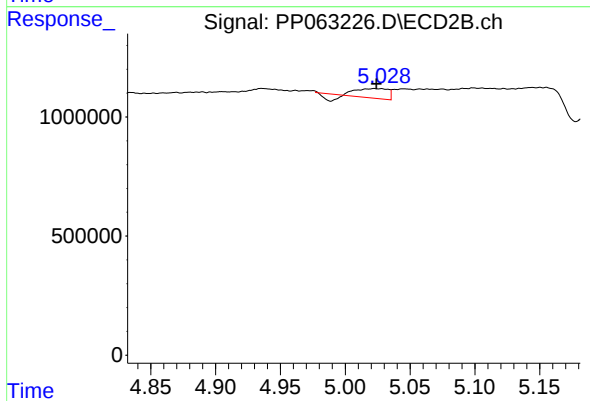
#21 AR-1248-1

R.T.: 4.760 min  
Delta R.T.: 0.017 min  
Response: 488200  
Conc: 11.78 ng/ml



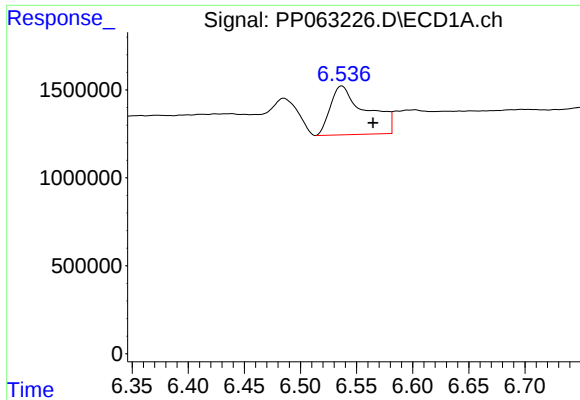
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.157 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

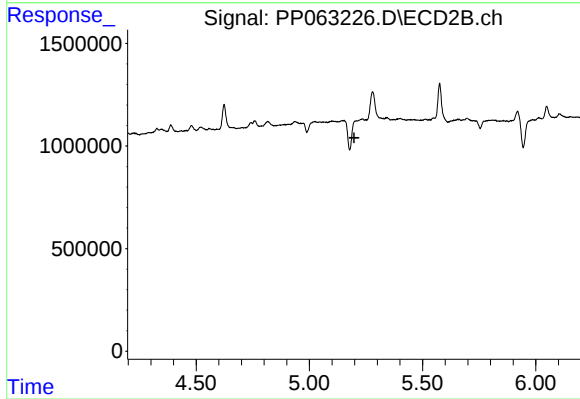
R.T.: 5.022 min  
Delta R.T.: -0.002 min  
Response: 554211  
Conc: 7.91 ng/ml



#24 AR-1248-4

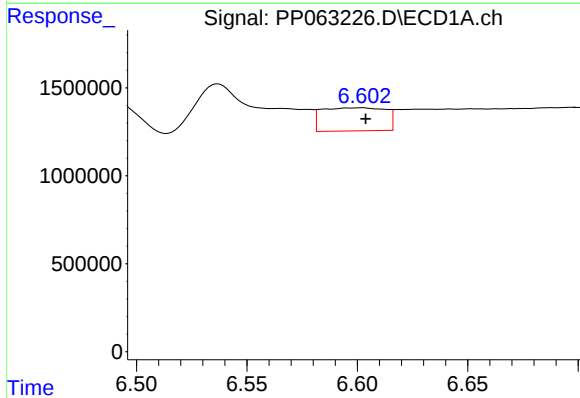
R.T.: 6.537 min  
Delta R.T.: -0.028 min  
Response: 6117505  
Conc: 82.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



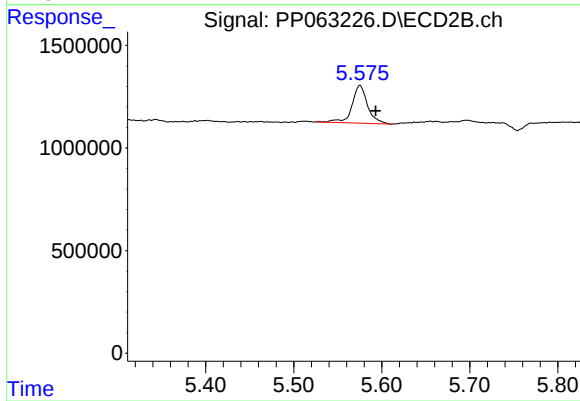
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.197 min  
Response: 0  
Conc: N.D.



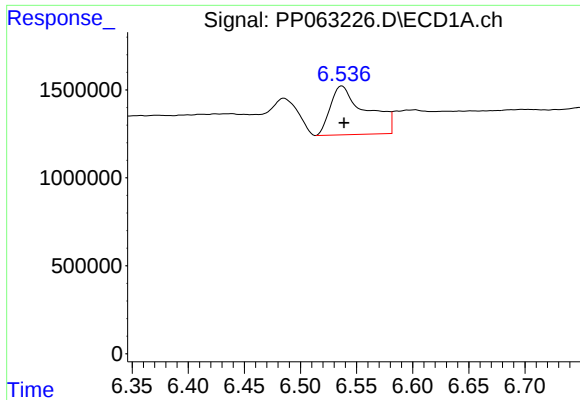
#25 AR-1248-5

R.T.: 6.602 min  
Delta R.T.: -0.002 min  
Response: 2617813  
Conc: 33.65 ng/ml



#25 AR-1248-5

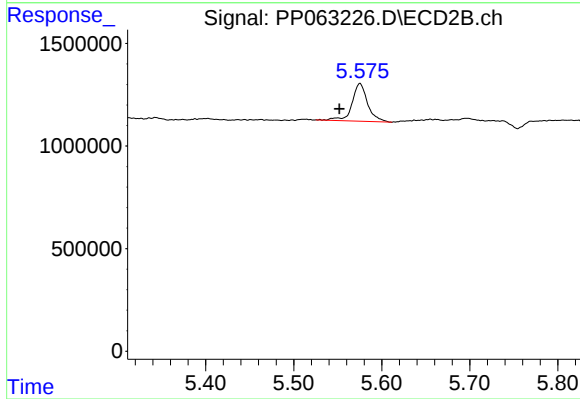
R.T.: 5.575 min  
Delta R.T.: -0.018 min  
Response: 2258108  
Conc: 32.91 ng/ml



#26 AR-1254-1

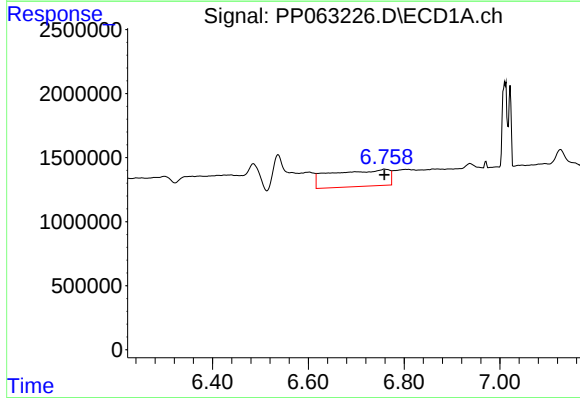
R.T.: 6.537 min  
Delta R.T.: -0.002 min  
Response: 6117505  
Conc: 68.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



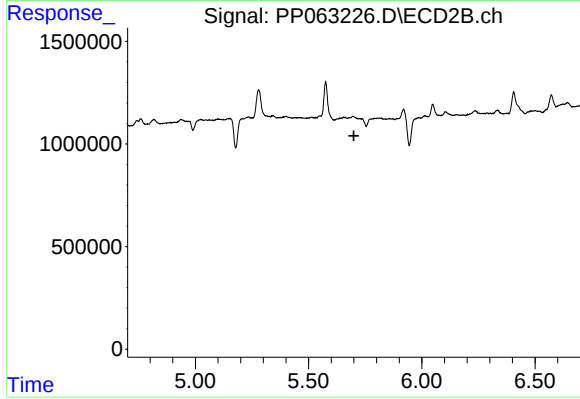
#26 AR-1254-1

R.T.: 5.575 min  
Delta R.T.: 0.023 min  
Response: 2258108  
Conc: 18.62 ng/ml



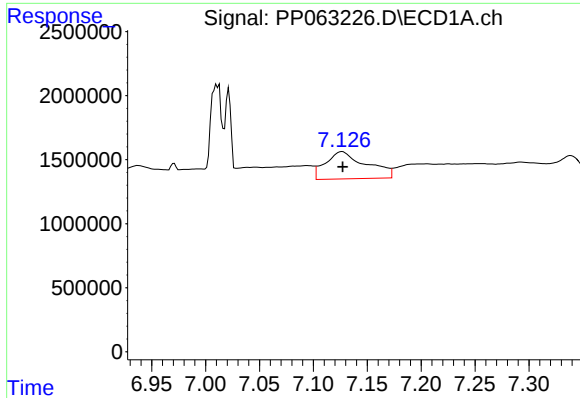
#27 AR-1254-2

R.T.: 6.759 min  
Delta R.T.: 0.000 min  
Response: 10904047  
Conc: 83.07 ng/ml



#27 AR-1254-2

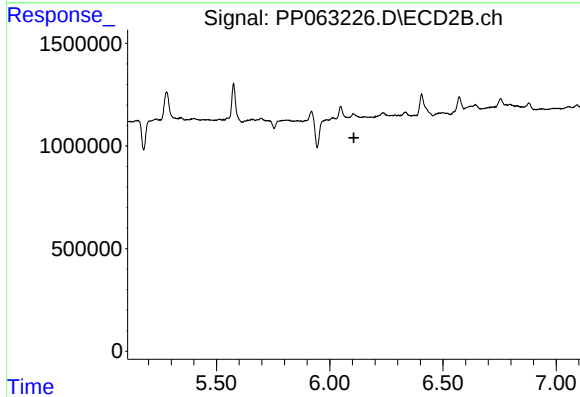
R.T.: 0.000 min  
Exp R.T.: 5.700 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

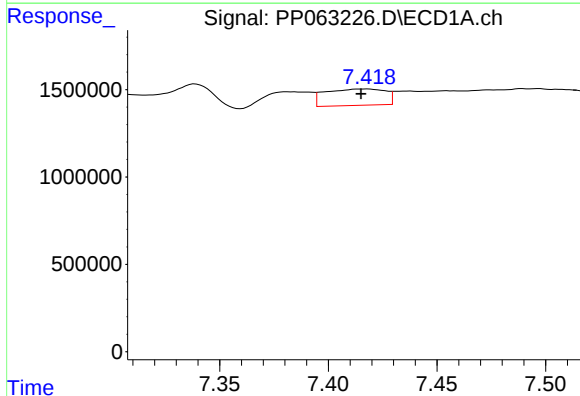
R.T.: 7.127 min  
Delta R.T.: 0.000 min  
Response: 5619574  
Conc: 42.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



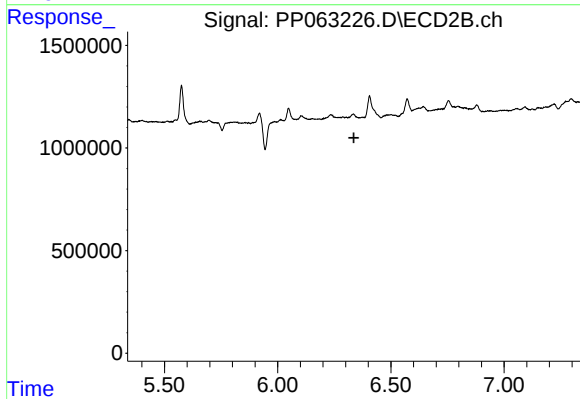
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.107 min  
Response: 0  
Conc: N.D.



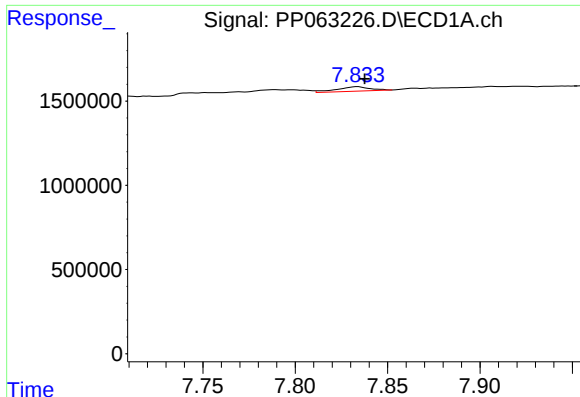
#29 AR-1254-4

R.T.: 7.418 min  
Delta R.T.: 0.003 min  
Response: 1807929  
Conc: 22.89 ng/ml



#29 AR-1254-4

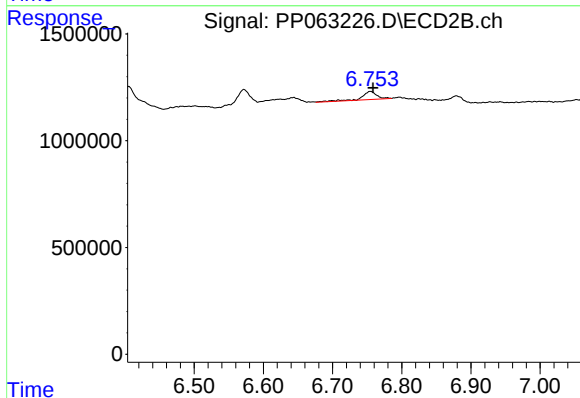
R.T.: 0.000 min  
Exp R.T. : 6.337 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

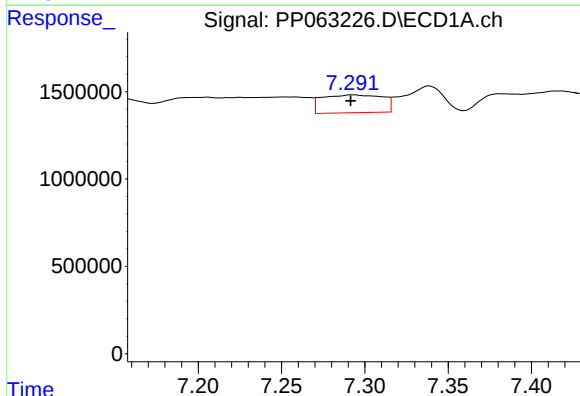
R.T.: 7.834 min  
Delta R.T.: -0.004 min  
Response: 328946  
Conc: 3.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



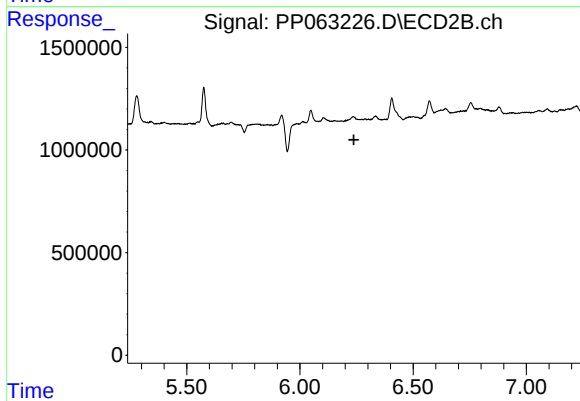
#30 AR-1254-5

R.T.: 6.755 min  
Delta R.T.: -0.004 min  
Response: 574597  
Conc: 4.04 ng/ml



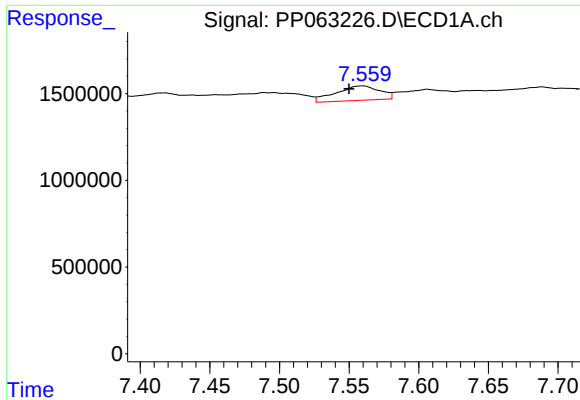
#31 AR-1260-1

R.T.: 7.292 min  
Delta R.T.: 0.000 min  
Response: 2587221  
Conc: 21.26 ng/ml



#31 AR-1260-1

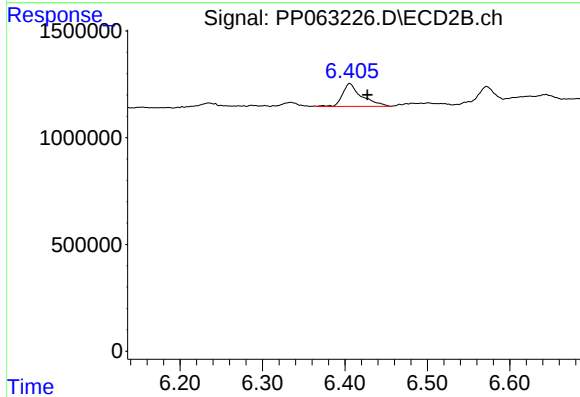
R.T.: 0.000 min  
Exp R.T.: 6.238 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

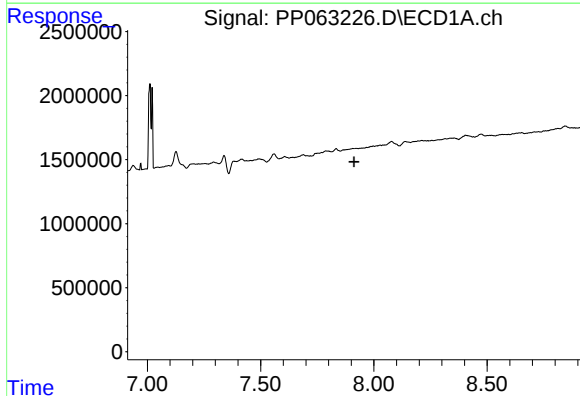
R.T.: 7.560 min  
Delta R.T.: 0.010 min  
Response: 1822467  
Conc: 14.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



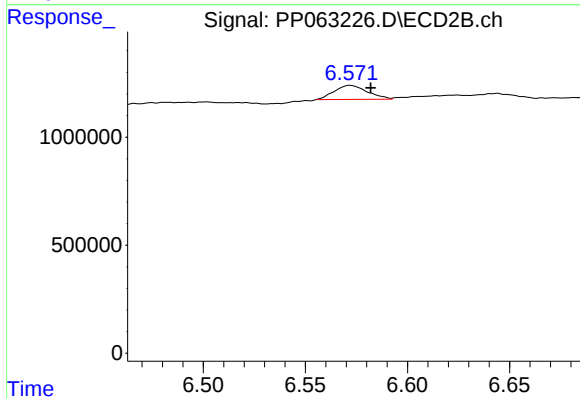
#32 AR-1260-2

R.T.: 6.406 min  
Delta R.T.: -0.021 min  
Response: 1717660  
Conc: 11.63 ng/ml



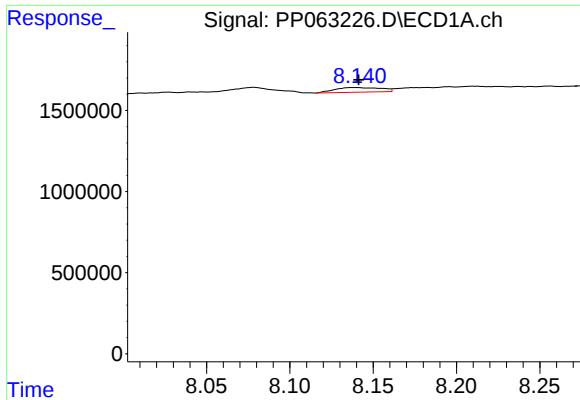
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.912 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

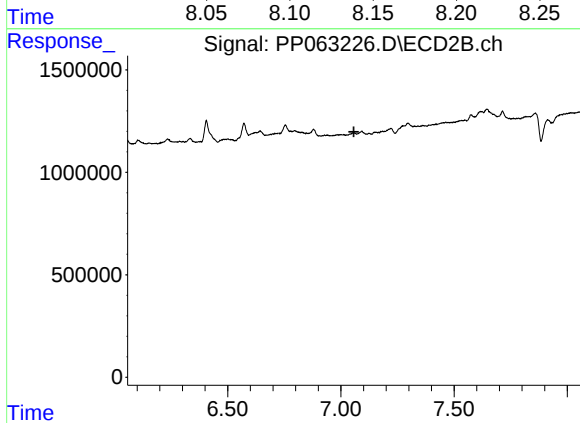
R.T.: 6.572 min  
Delta R.T.: -0.010 min  
Response: 734599  
Conc: 5.07 ng/ml



#34 AR-1260-4

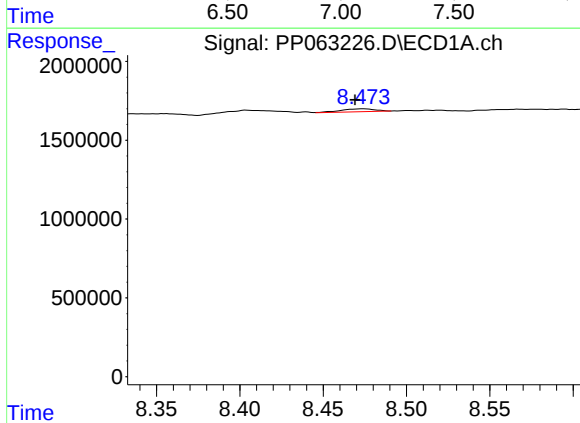
R.T.: 8.140 min  
Delta R.T.: -0.001 min  
Response: 549911  
Conc: 4.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



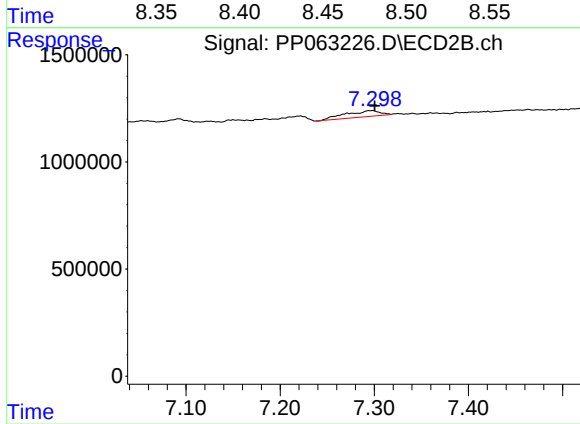
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.058 min  
Response: 0  
Conc: N.D.



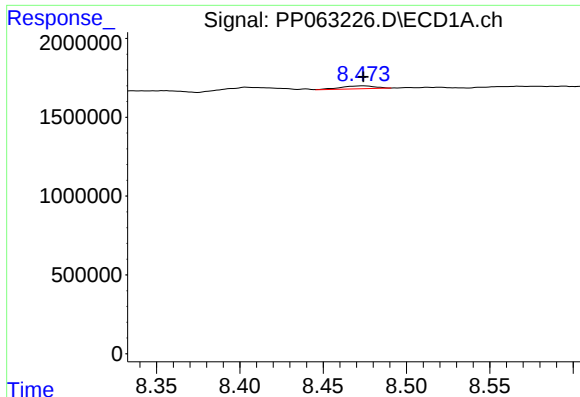
#35 AR-1260-5

R.T.: 8.474 min  
Delta R.T.: 0.005 min  
Response: 250813  
Conc: 1.28 ng/ml



#35 AR-1260-5

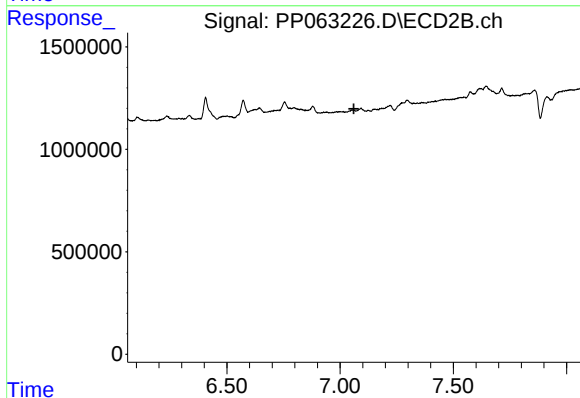
R.T.: 7.298 min  
Delta R.T.: -0.003 min  
Response: 733248  
Conc: 2.95 ng/ml



#37 AR-1262-2

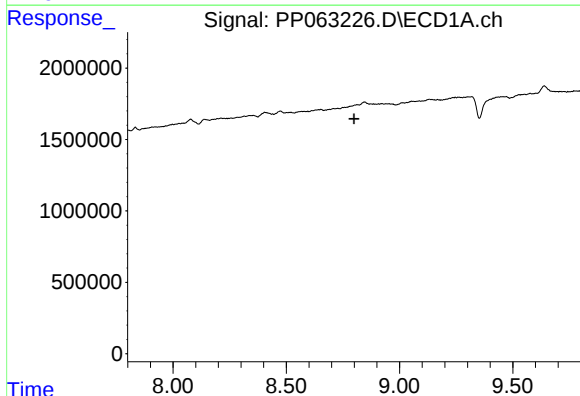
R.T.: 8.474 min  
Delta R.T.: 0.000 min  
Response: 250813  
Conc: 1.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



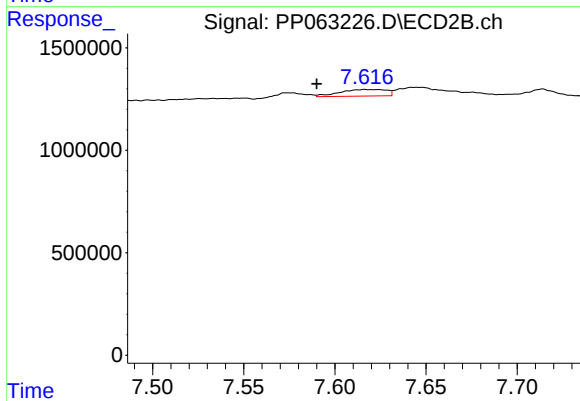
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.060 min  
Response: 0  
Conc: N.D.



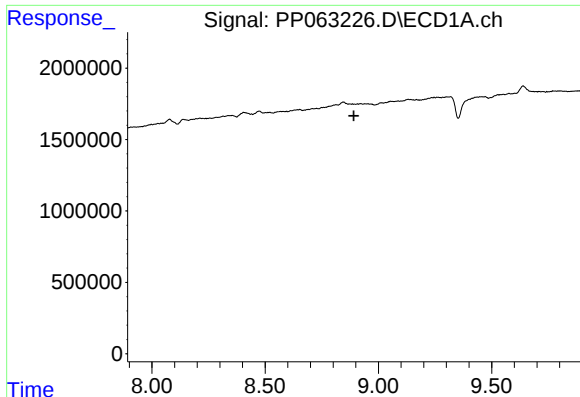
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.799 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

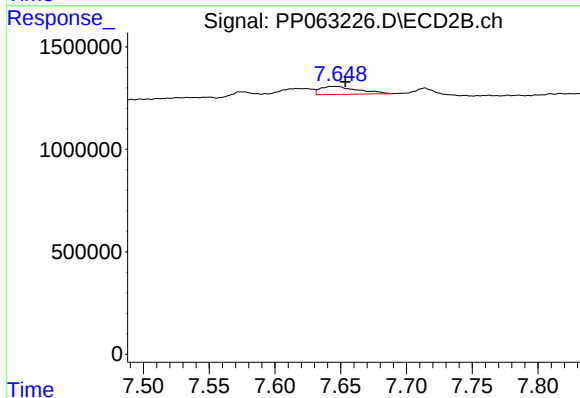
R.T.: 7.617 min  
Delta R.T.: 0.027 min  
Response: 576234  
Conc: 4.76 ng/ml



#39 AR-1262-4

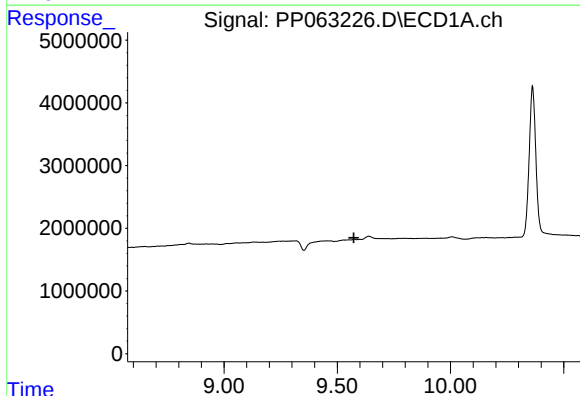
R.T.: 0.000 min  
Exp R.T.: 8.891 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



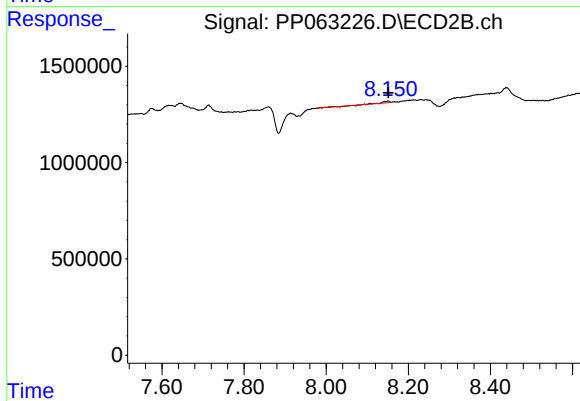
#39 AR-1262-4

R.T.: 7.644 min  
Delta R.T.: -0.009 min  
Response: 786624  
Conc: 3.73 ng/ml



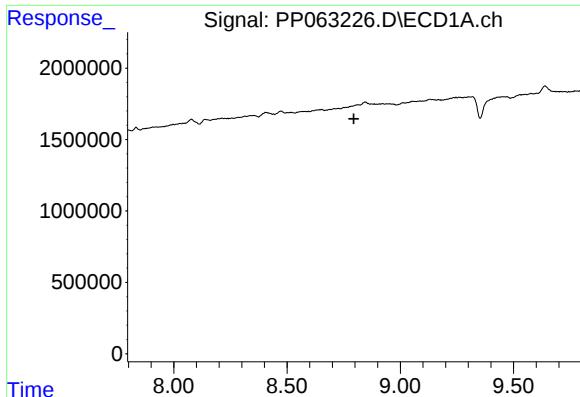
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.573 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

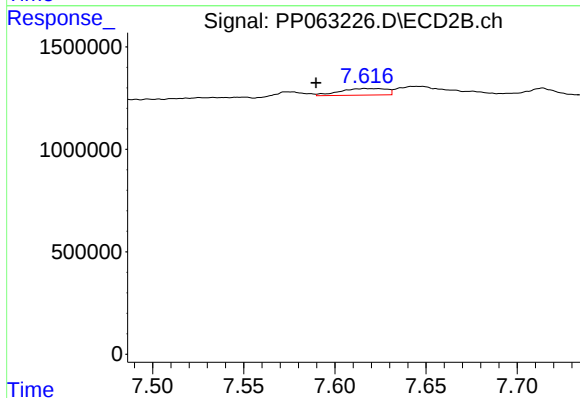
R.T.: 8.151 min  
Delta R.T.: -0.001 min  
Response: 54718  
Conc: 0.67 ng/ml



#41 AR-1268-1

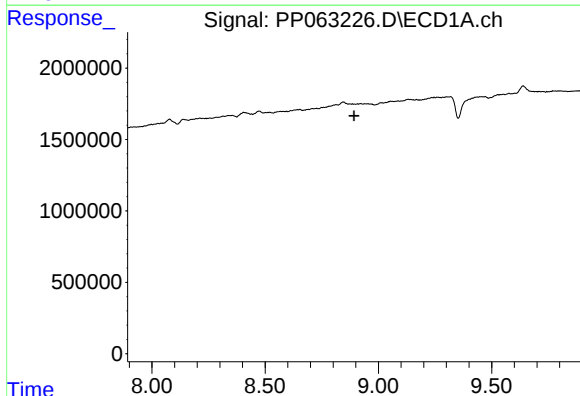
R.T.: 0.000 min  
Exp R.T.: 8.795 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



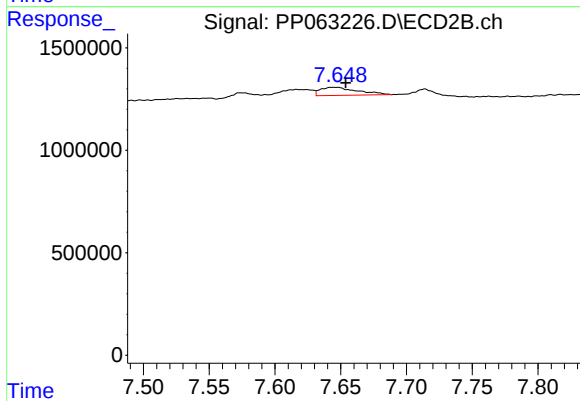
#41 AR-1268-1

R.T.: 7.617 min  
Delta R.T.: 0.027 min  
Response: 576234  
Conc: 1.79 ng/ml



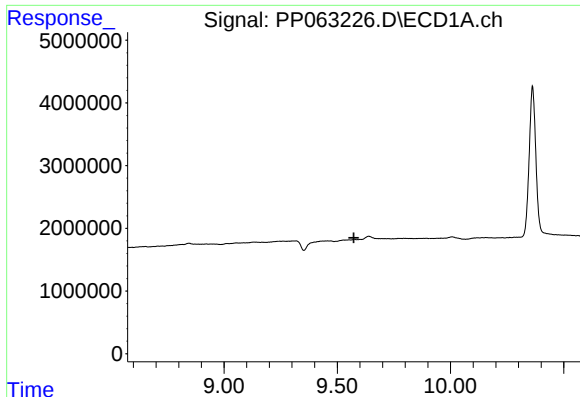
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.892 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

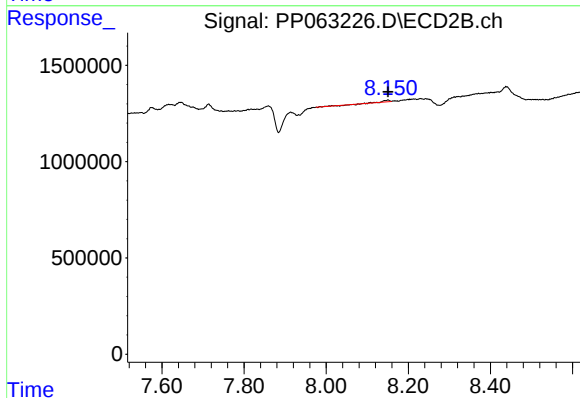
R.T.: 7.644 min  
Delta R.T.: -0.010 min  
Response: 786624  
Conc: 2.63 ng/ml



#44 AR-1268-4

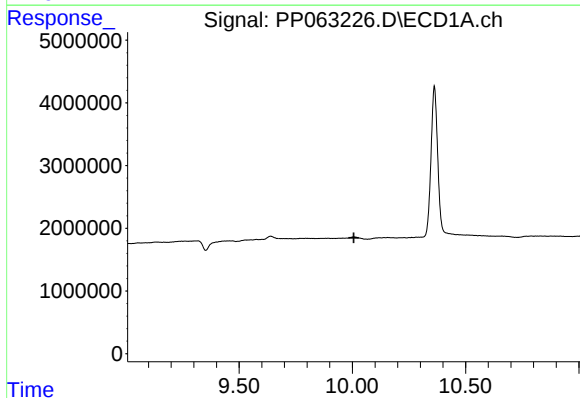
R.T.: 0.000 min  
Exp R.T.: 9.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT1-2024



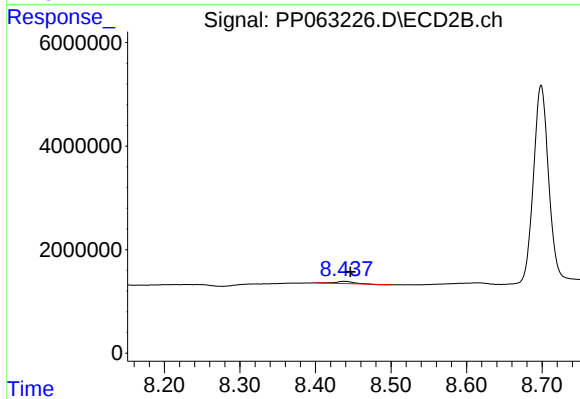
#44 AR-1268-4

R.T.: 8.151 min  
Delta R.T.: 0.000 min  
Response: 54718  
Conc: 0.62 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.007 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.438 min  
Delta R.T.: -0.008 min  
Response: 707412  
Conc: 0.84 ng/ml