

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR021025\  
 Data File : PR070303.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Feb 2025 04:37  
 Operator : AJ\MA  
 Sample : Q1168-08  
 Misc : AR1221 LOQ 50 PPB  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 11 05:03:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR021025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Feb 10 14:13:17 2025  
 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... | 3.624 | 2.956  | 18568614 | 96049746 | 16.444 | 16.472  |
| 2)                          | SA Decachlor... | 9.507 | 8.224  | 13397199 | 75594379 | 18.740 | 18.463  |
| Target Compounds            |                 |       |        |          |          |        |         |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.073  | 0        | 517311   | N.D.   | 3.280 # |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.092  | 0        | 909188   | N.D.   | 3.817 # |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.269  | 0        | 345448   | N.D.   | 2.752 # |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.352f | 0        | 494688   | N.D.   | 4.501 # |
| 7)                          | L1 AR-1016-5    | 0.000 | 4.542  | 0        | 185003   | N.D.   | 1.356 # |
| 8)                          | L2 AR-1221-1    | 3.844 | 3.178  | 629868   | 2530101  | 48.252 | 36.963  |
| 9)                          | L2 AR-1221-2    | 3.934 | 3.262  | 620885   | 2990026  | 63.595 | 58.395  |
| 10)                         | L2 AR-1221-3    | 4.012 | 3.341  | 1240273  | 5933521  | 40.555 | 38.111  |
| 11)                         | L3 AR-1232-1    | 4.012 | 3.341  | 1240273  | 5933521  | 52.296 | 49.621  |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.092  | 0        | 909188   | N.D.   | 8.190 # |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.269  | 0        | 345448   | N.D.   | 5.985 # |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.352  | 0        | 494688   | N.D.   | 9.322 # |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.542  | 0        | 185003   | N.D.   | 3.233 # |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.073  | 0        | 517311   | N.D.   | 4.000 # |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.092  | 0        | 909188   | N.D.   | 4.675 # |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.269  | 0        | 345448   | N.D.   | 3.320 # |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.352  | 0        | 494688   | N.D.   | 4.827 # |
| 20)                         | L4 AR-1242-5    | 0.000 | 4.912  | 0        | 517917   | N.D.   | 4.520 # |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.073  | 0        | 517311   | N.D.   | 5.362 # |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.352f | 0        | 494688   | N.D.   | 3.409 # |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.352  | 0        | 494688   | N.D.   | 3.341 # |
| 24)                         | L5 AR-1248-4    | 0.000 | 4.542  | 0        | 185003   | N.D.   | 1.053 # |
| 25)                         | L5 AR-1248-5    | 0.000 | 4.952  | 0        | 669044   | N.D.   | 4.456 # |
| 26)                         | L6 AR-1254-1    | 0.000 | 4.912  | 0        | 517917   | N.D.   | 2.049 # |
| 27)                         | L6 AR-1254-2    | 0.000 | 5.061  | 0        | 521889   | N.D.   | 2.395 # |
| 28)                         | L6 AR-1254-3    | 0.000 | 5.469f | 0        | 1666360  | N.D.   | 5.221 # |
| 29)                         | L6 AR-1254-4    | 6.690 | 0.000  | 84190    | 0        | 2.635  | N.D. #  |
| 30)                         | L6 AR-1254-5    | 0.000 | 6.178  | 0        | 254860   | N.D.   | 0.980 # |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.638  | 0        | 106969   | N.D.   | 0.486 # |
| 32)                         | L7 AR-1260-2    | 0.000 | 5.841  | 0        | 173621   | N.D.   | 0.705 # |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.003  | 0        | 951633   | N.D.   | 3.993 # |
| 34)                         | L7 AR-1260-4    | 0.000 | 6.512  | 0        | 388602   | N.D.   | 1.973 # |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.222  | 0        | 72193    | N.D.   | 0.234 # |
| 37)                         | L8 AR-1262-2    | 0.000 | 6.512  | 0        | 388602   | N.D.   | 1.439 # |
| 43)                         | L9 AR-1268-3    | 0.000 | 7.366  | 0        | 181934   | N.D.   | 0.372 # |
| 45)                         | L9 AR-1268-5    | 0.000 | 7.981  | 0        | 532949   | N.D.   | 0.384 # |
| -----                       |                 |       |        |          |          |        |         |

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

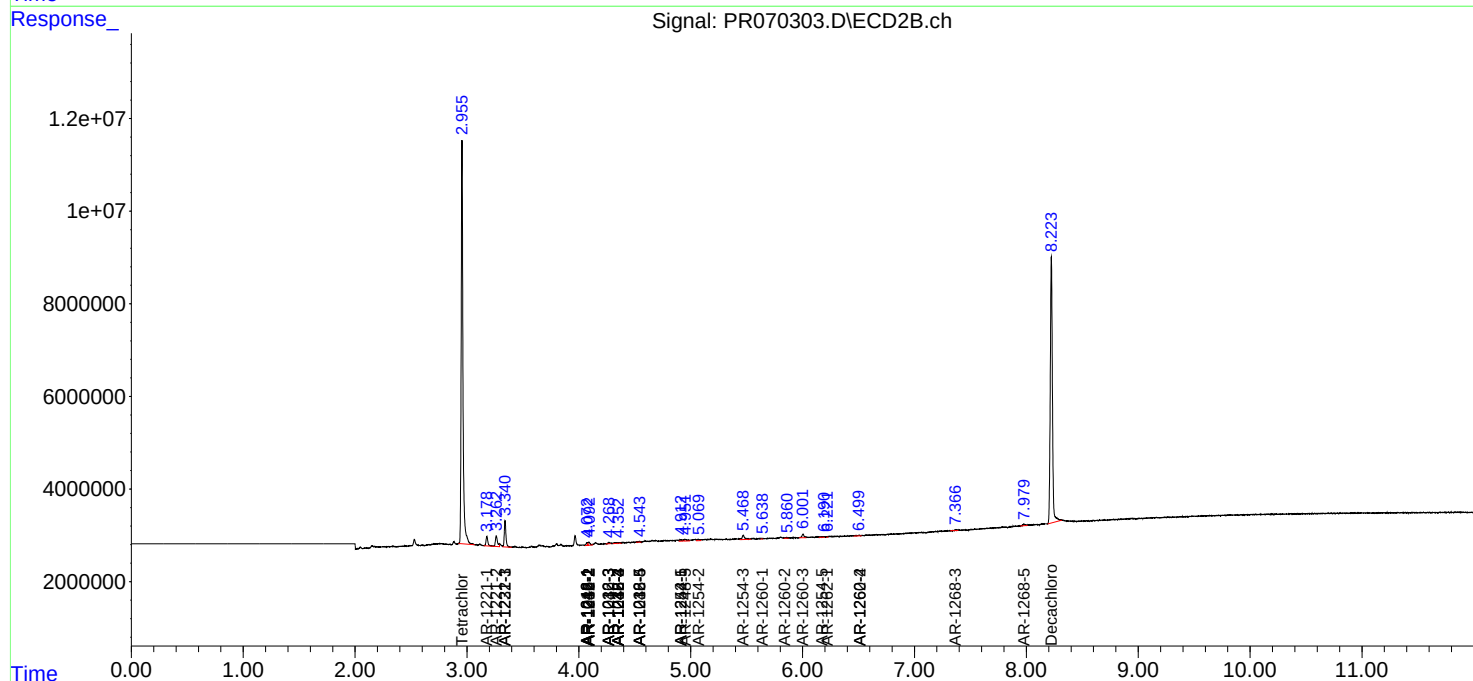
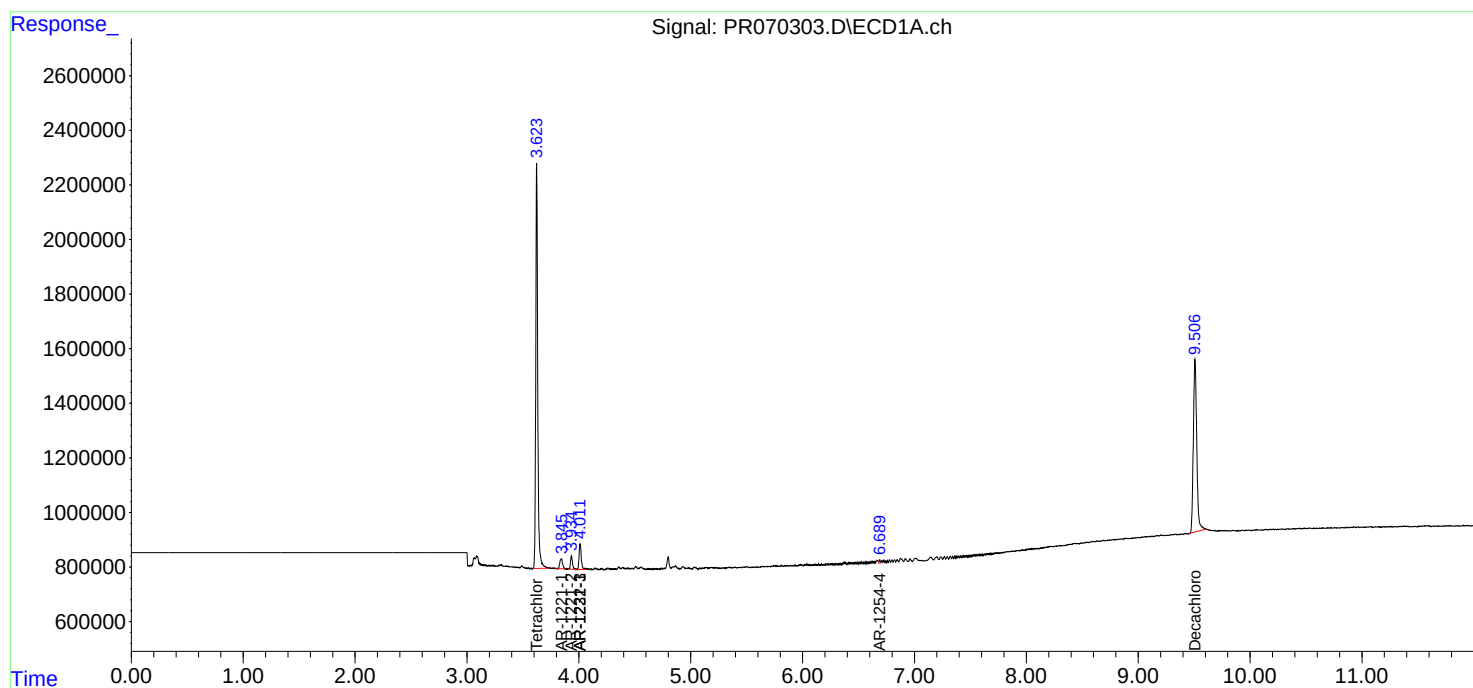
Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

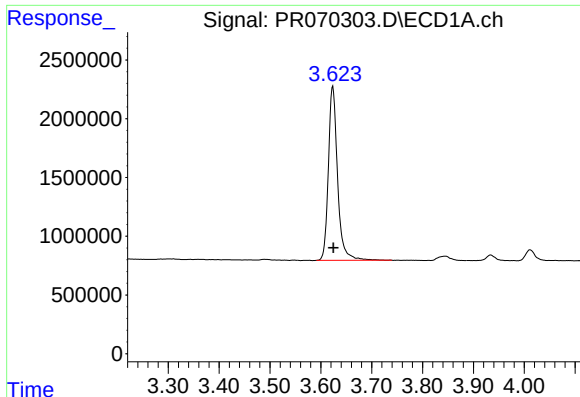
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR021025\  
Data File : PR070303.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Feb 2025 04:37  
Operator : AJ\MA  
Sample : Q1168-08  
Misc : AR1221 LOQ 50 PPB  
ALS Vial : 61 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 11 05:03:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR021025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Feb 10 14:13:17 2025  
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

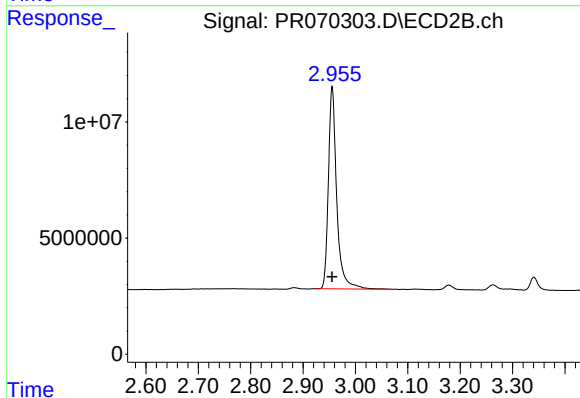




#1 Tetrachloro-m-xylene

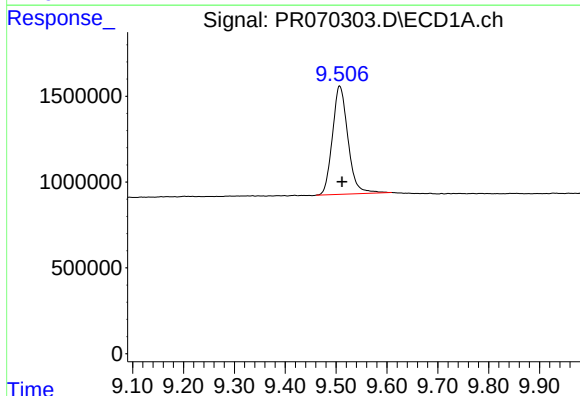
R.T.: 3.624 min  
Delta R.T.: -0.001 min  
Response: 18568614  
Conc: 16.44 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



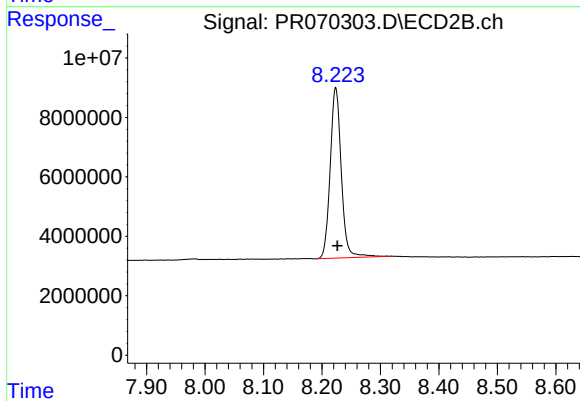
#1 Tetrachloro-m-xylene

R.T.: 2.956 min  
Delta R.T.: 0.000 min  
Response: 96049746  
Conc: 16.47 ng/ml



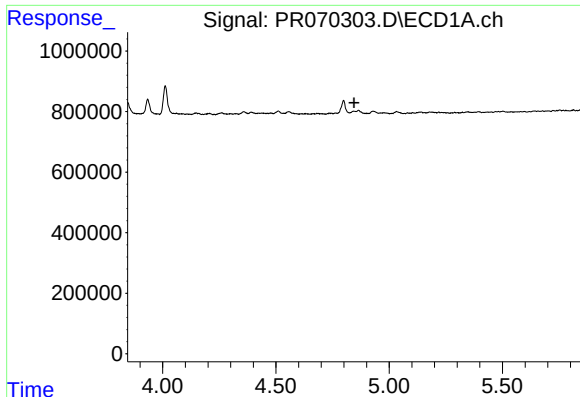
#2 Decachlorobiphenyl

R.T.: 9.507 min  
Delta R.T.: -0.005 min  
Response: 13397199  
Conc: 18.74 ng/ml



#2 Decachlorobiphenyl

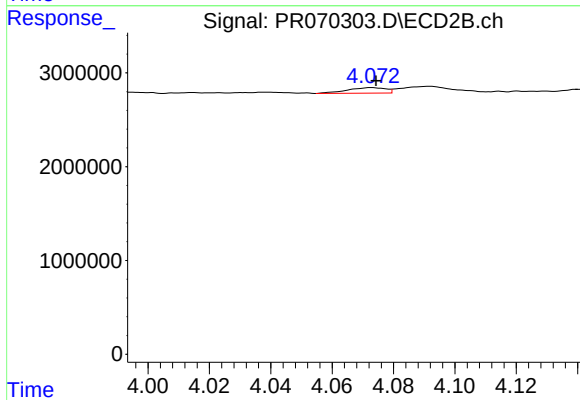
R.T.: 8.224 min  
Delta R.T.: -0.003 min  
Response: 75594379  
Conc: 18.46 ng/ml



#3 AR-1016-1

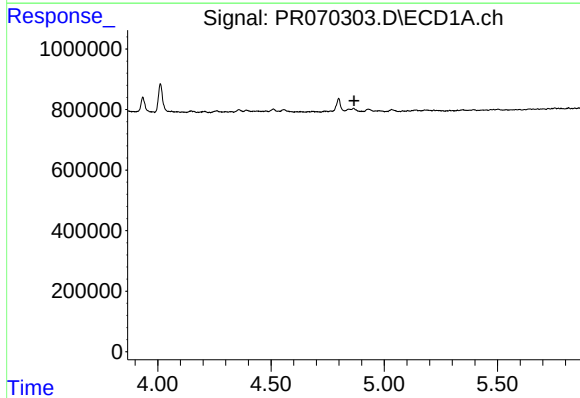
R.T.: 0.000 min  
Exp R.T.: 4.845 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



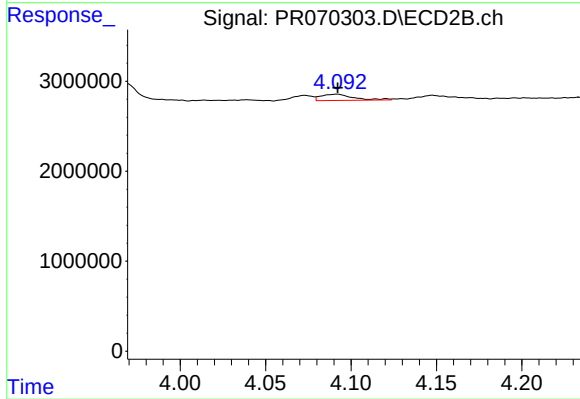
#3 AR-1016-1

R.T.: 4.073 min  
Delta R.T.: -0.001 min  
Response: 517311  
Conc: 3.28 ng/ml



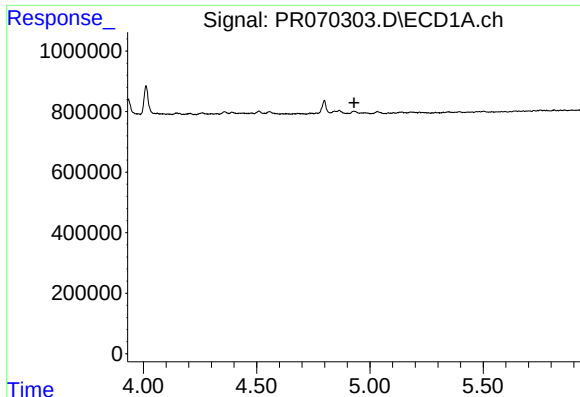
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 4.866 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

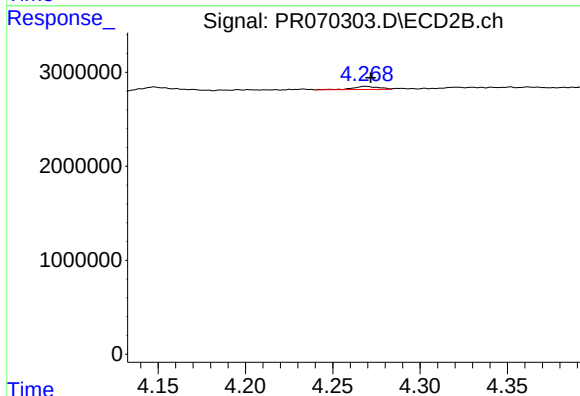
R.T.: 4.092 min  
Delta R.T.: 0.000 min  
Response: 909188  
Conc: 3.82 ng/ml



#5 AR-1016-3

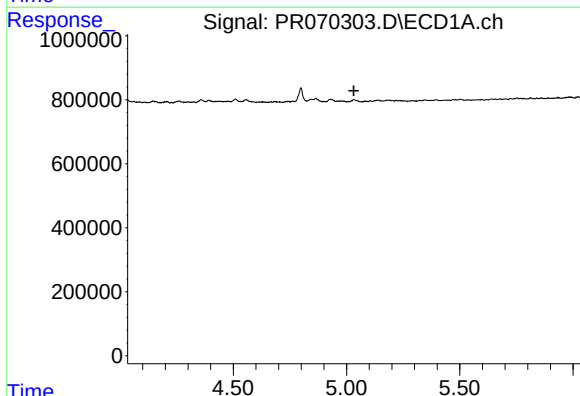
R.T.: 0.000 min  
Exp R.T.: 4.930 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



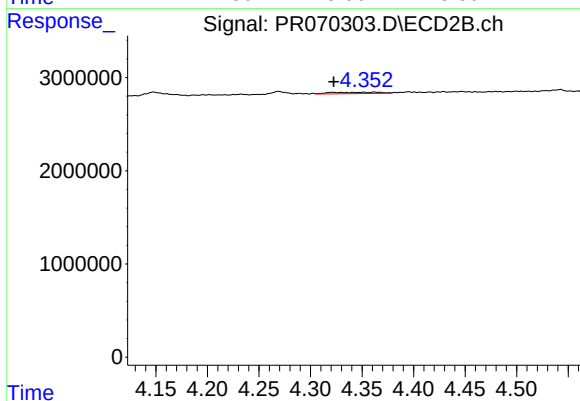
#5 AR-1016-3

R.T.: 4.269 min  
Delta R.T.: -0.003 min  
Response: 345448  
Conc: 2.75 ng/ml



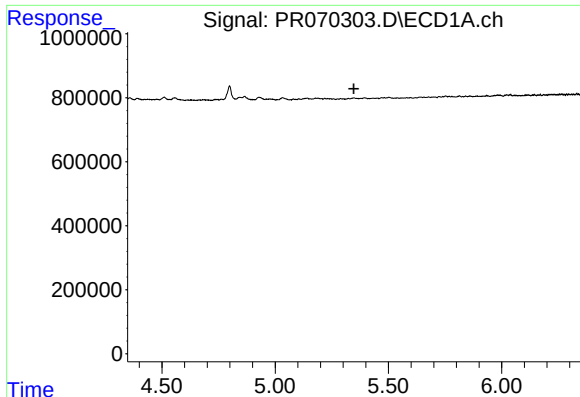
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.032 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

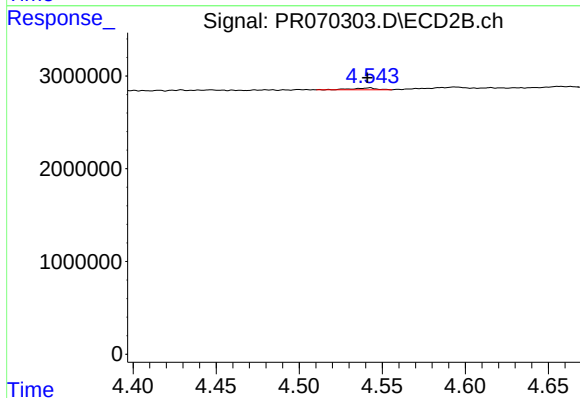
R.T.: 4.352 min  
Delta R.T.: 0.029 min  
Response: 494688  
Conc: 4.50 ng/ml



#7 AR-1016-5

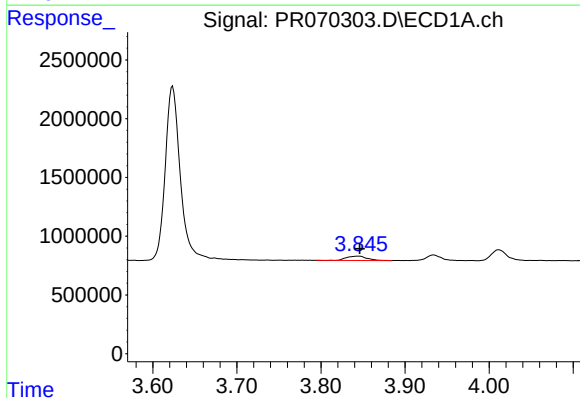
R.T.: 0.000 min  
Exp R.T.: 5.347 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



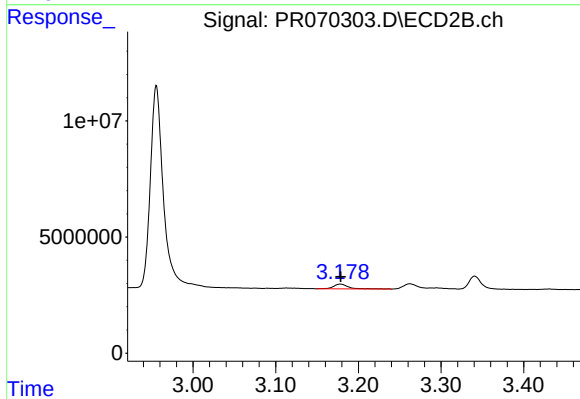
#7 AR-1016-5

R.T.: 4.542 min  
Delta R.T.: 0.001 min  
Response: 185003  
Conc: 1.36 ng/ml



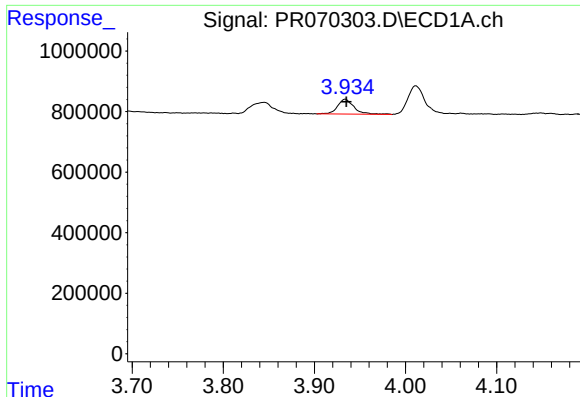
#8 AR-1221-1

R.T.: 3.844 min  
Delta R.T.: -0.002 min  
Response: 629868  
Conc: 48.25 ng/ml



#8 AR-1221-1

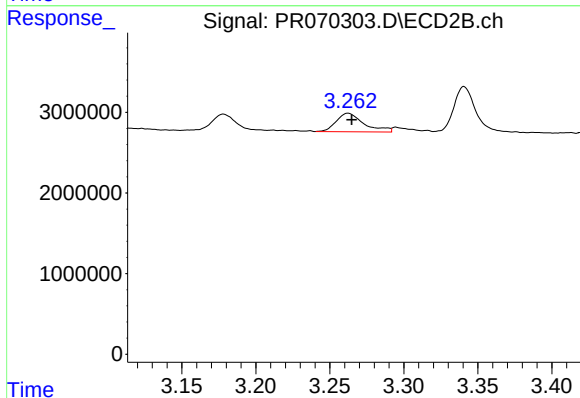
R.T.: 3.178 min  
Delta R.T.: 0.000 min  
Response: 2530101  
Conc: 36.96 ng/ml



#9 AR-1221-2

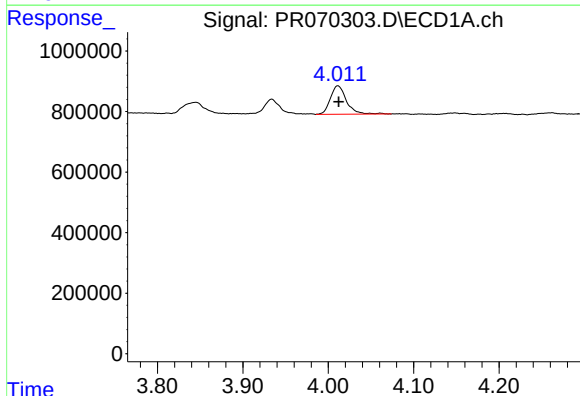
R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 620885  
Conc: 63.60 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



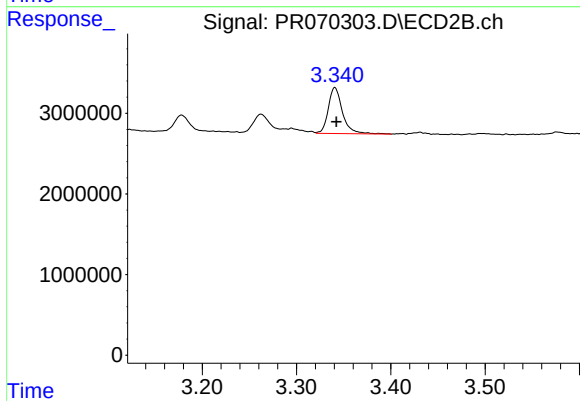
#9 AR-1221-2

R.T.: 3.262 min  
Delta R.T.: -0.002 min  
Response: 2990026  
Conc: 58.39 ng/ml



#10 AR-1221-3

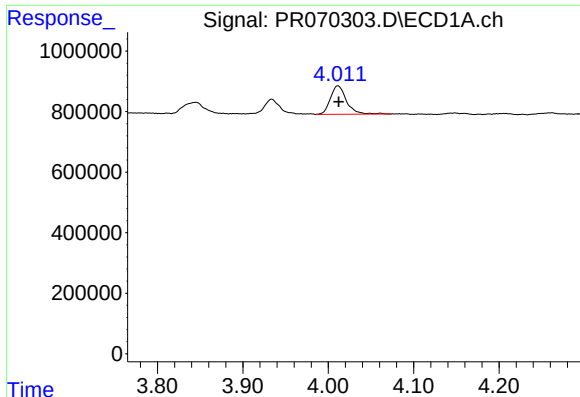
R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 1240273  
Conc: 40.55 ng/ml



#10 AR-1221-3

R.T.: 3.341 min  
Delta R.T.: -0.001 min  
Response: 5933521  
Conc: 38.11 ng/ml

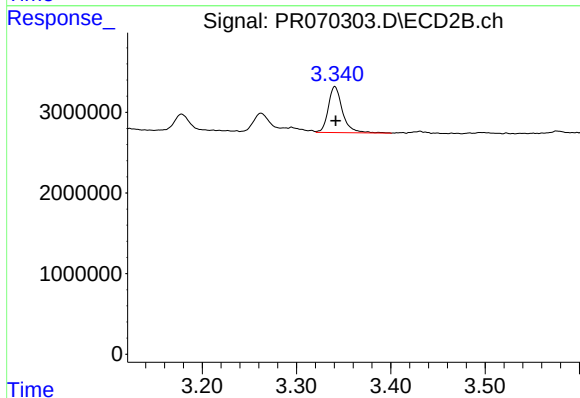




#11 AR-1232-1

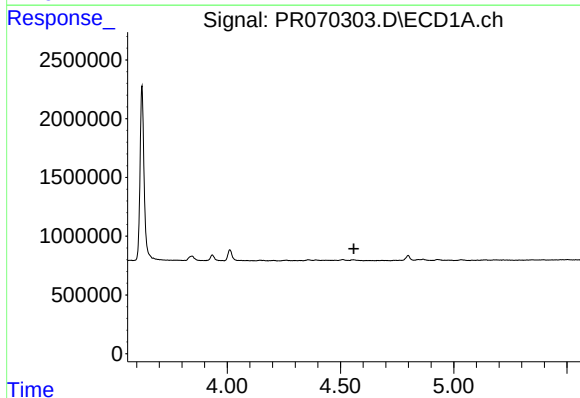
R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 1240273  
Conc: 52.30 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



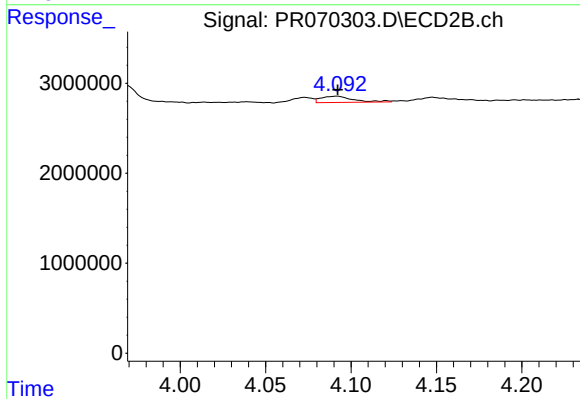
#11 AR-1232-1

R.T.: 3.341 min  
Delta R.T.: 0.000 min  
Response: 5933521  
Conc: 49.62 ng/ml



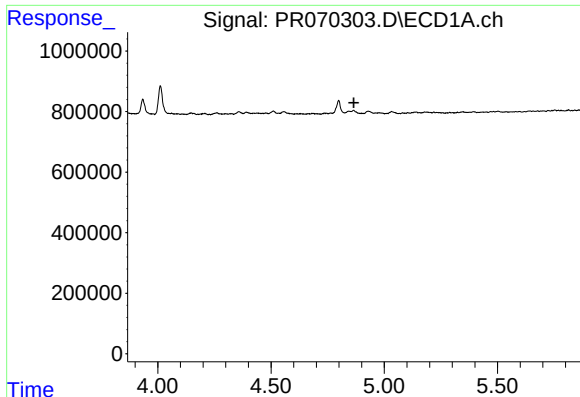
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 4.559 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

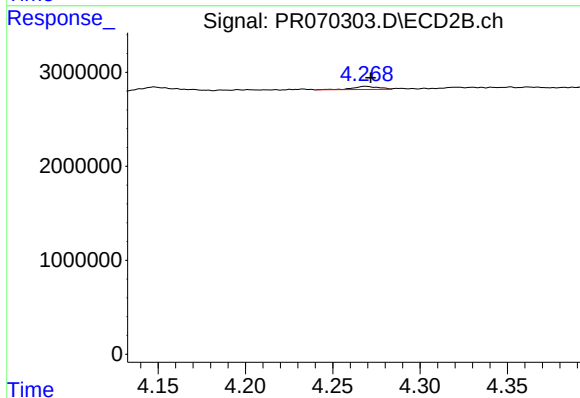
R.T.: 4.092 min  
Delta R.T.: 0.000 min  
Response: 909188  
Conc: 8.19 ng/ml



#13 AR-1232-3

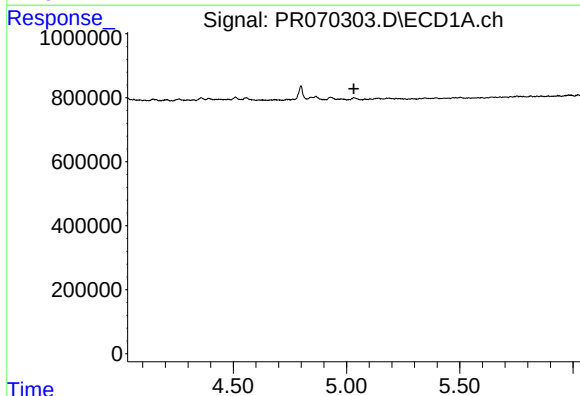
R.T.: 0.000 min  
Exp R.T.: 4.866 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



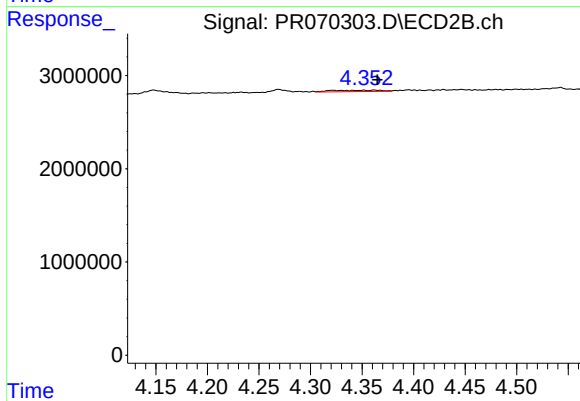
#13 AR-1232-3

R.T.: 4.269 min  
Delta R.T.: -0.003 min  
Response: 345448  
Conc: 5.99 ng/ml



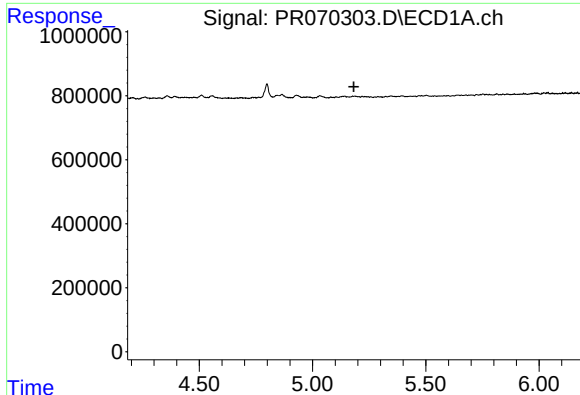
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.032 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

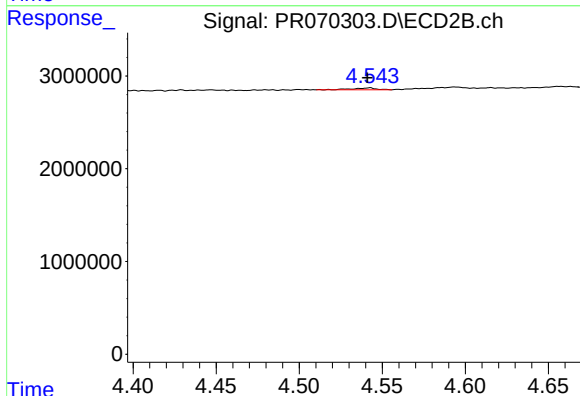
R.T.: 4.352 min  
Delta R.T.: -0.013 min  
Response: 494688  
Conc: 9.32 ng/ml



#15 AR-1232-5

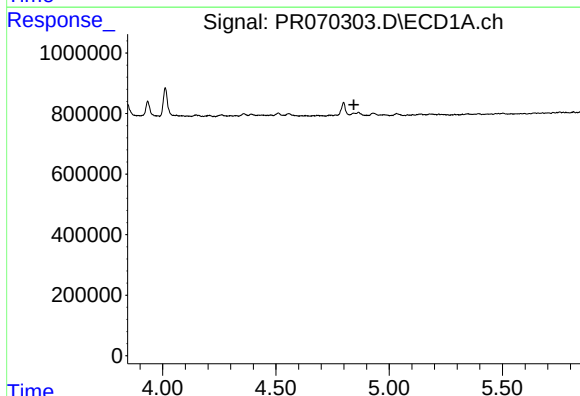
R.T.: 0.000 min  
Exp R.T.: 5.183 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



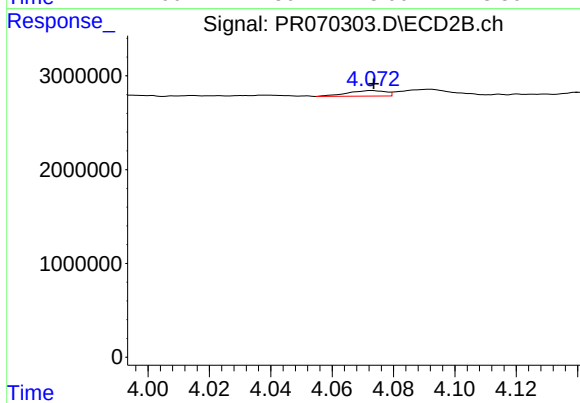
#15 AR-1232-5

R.T.: 4.542 min  
Delta R.T.: 0.001 min  
Response: 185003  
Conc: 3.23 ng/ml



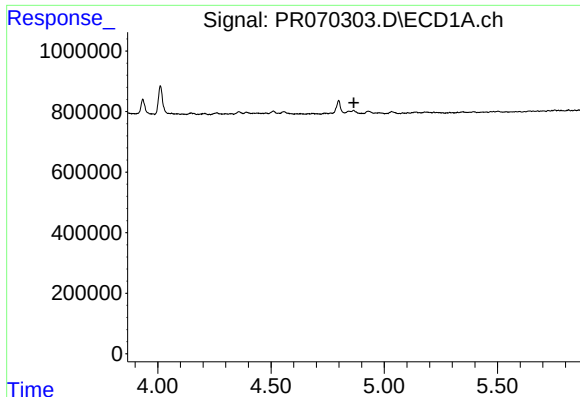
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 4.844 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

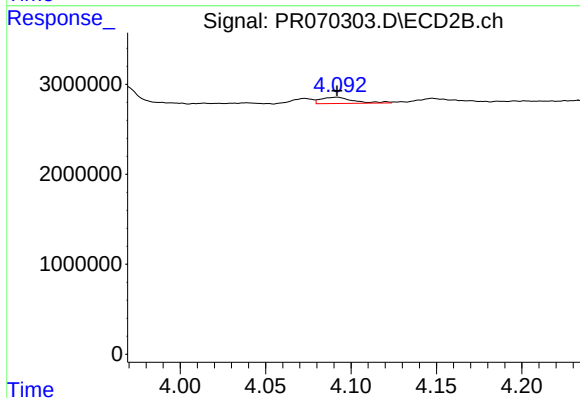
R.T.: 4.073 min  
Delta R.T.: 0.000 min  
Response: 517311  
Conc: 4.00 ng/ml



#17 AR-1242-2

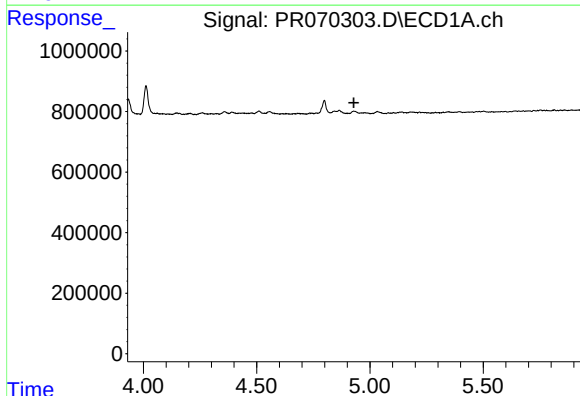
R.T.: 0.000 min  
Exp R.T.: 4.866 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



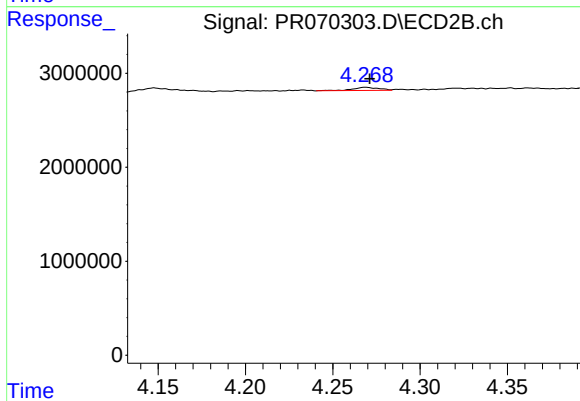
#17 AR-1242-2

R.T.: 4.092 min  
Delta R.T.: 0.000 min  
Response: 909188  
Conc: 4.67 ng/ml



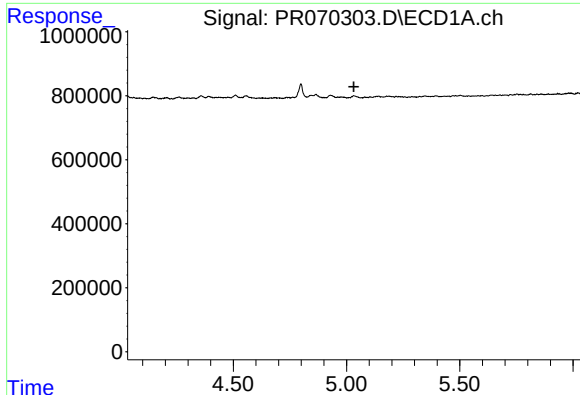
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 4.930 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

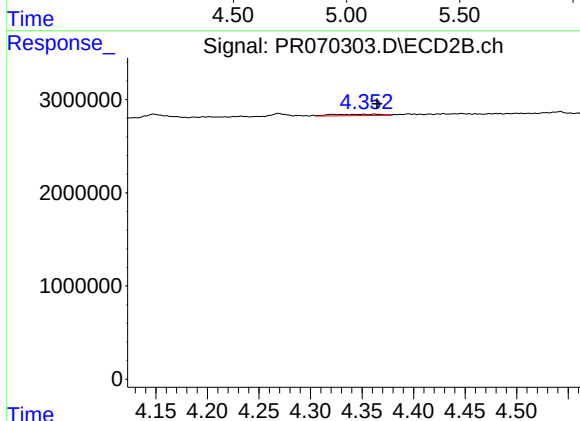
R.T.: 4.269 min  
Delta R.T.: -0.002 min  
Response: 345448  
Conc: 3.32 ng/ml



#19 AR-1242-4

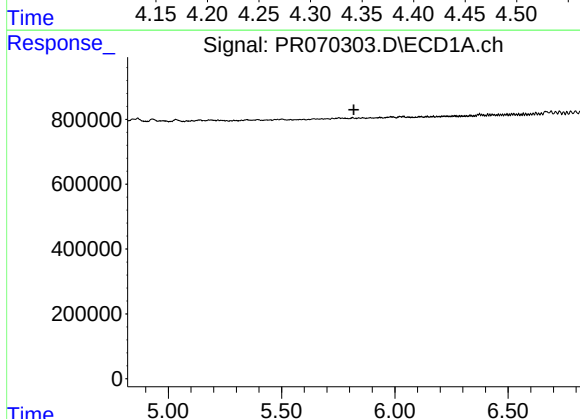
R.T.: 0.000 min  
Exp R.T.: 5.032 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



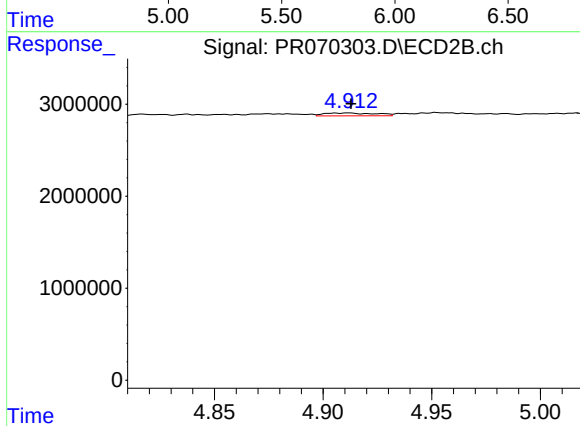
#19 AR-1242-4

R.T.: 4.352 min  
Delta R.T.: -0.013 min  
Response: 494688  
Conc: 4.83 ng/ml



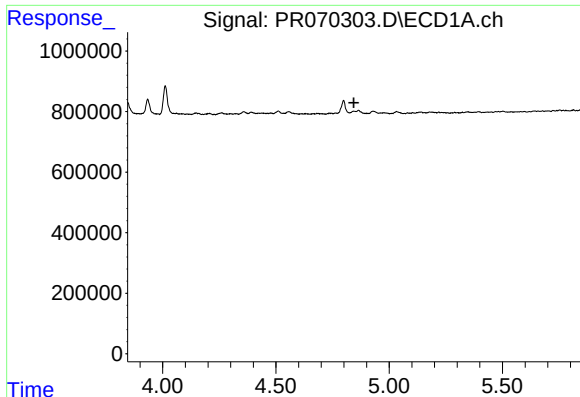
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 5.819 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

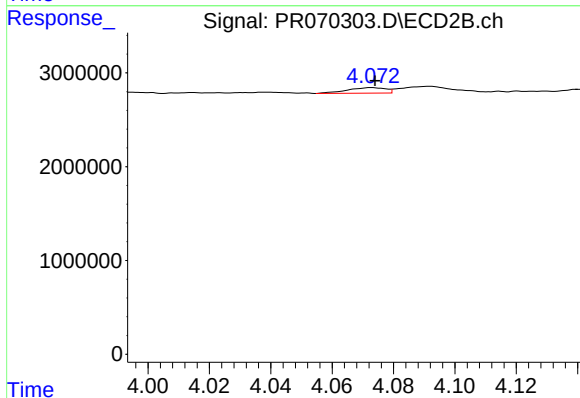
R.T.: 4.912 min  
Delta R.T.: -0.001 min  
Response: 517917  
Conc: 4.52 ng/ml



#21 AR-1248-1

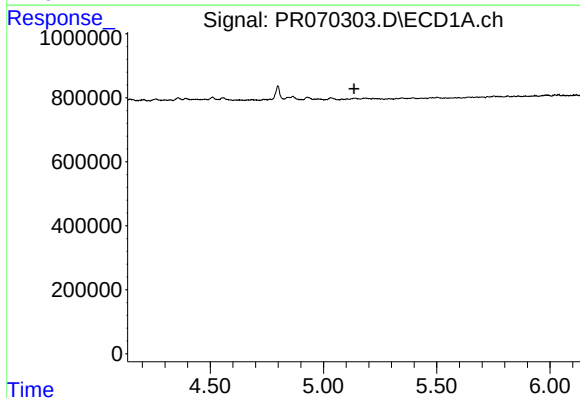
R.T.: 0.000 min  
Exp R.T.: 4.844 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



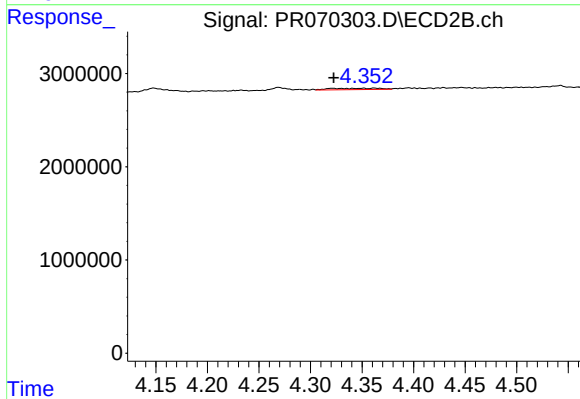
#21 AR-1248-1

R.T.: 4.073 min  
Delta R.T.: 0.000 min  
Response: 517311  
Conc: 5.36 ng/ml



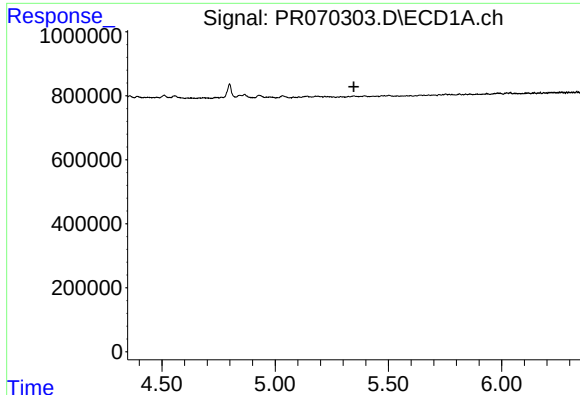
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.135 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

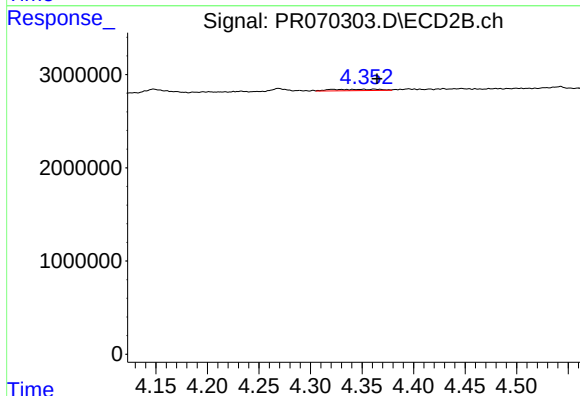
R.T.: 4.352 min  
Delta R.T.: 0.029 min  
Response: 494688  
Conc: 3.41 ng/ml



#23 AR-1248-3

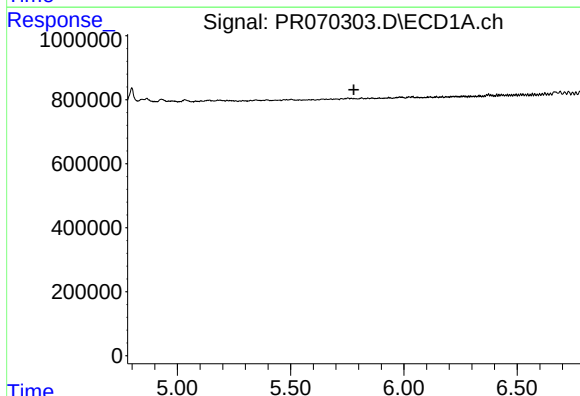
R.T.: 0.000 min  
Exp R.T.: 5.347 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



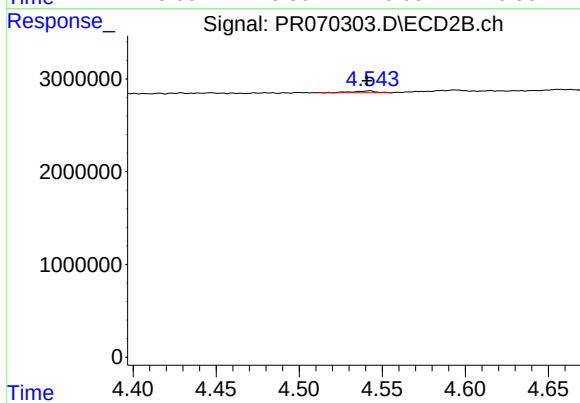
#23 AR-1248-3

R.T.: 4.352 min  
Delta R.T.: -0.013 min  
Response: 494688  
Conc: 3.34 ng/ml



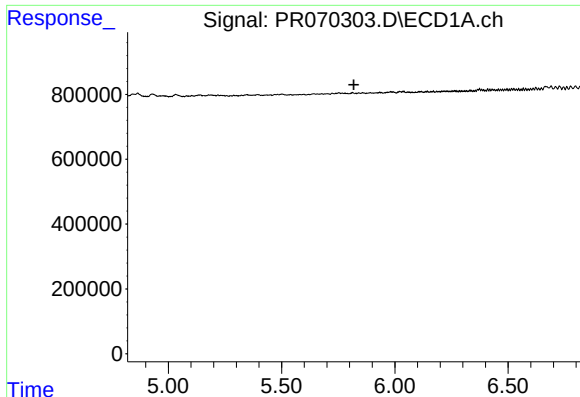
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 5.779 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

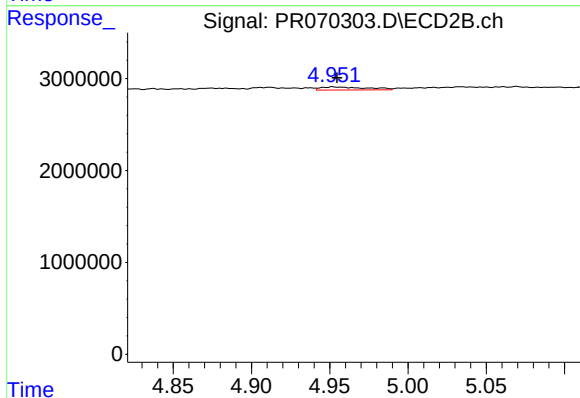
R.T.: 4.542 min  
Delta R.T.: 0.002 min  
Response: 185003  
Conc: 1.05 ng/ml



#25 AR-1248-5

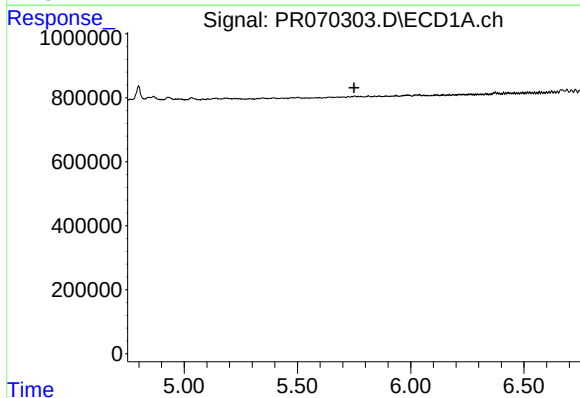
R.T.: 0.000 min  
Exp R.T.: 5.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



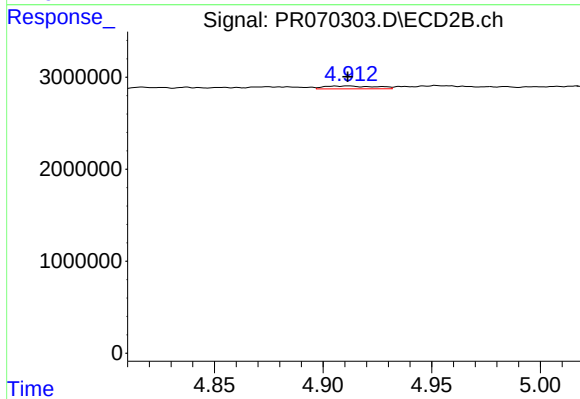
#25 AR-1248-5

R.T.: 4.952 min  
Delta R.T.: -0.002 min  
Response: 669044  
Conc: 4.46 ng/ml



#26 AR-1254-1

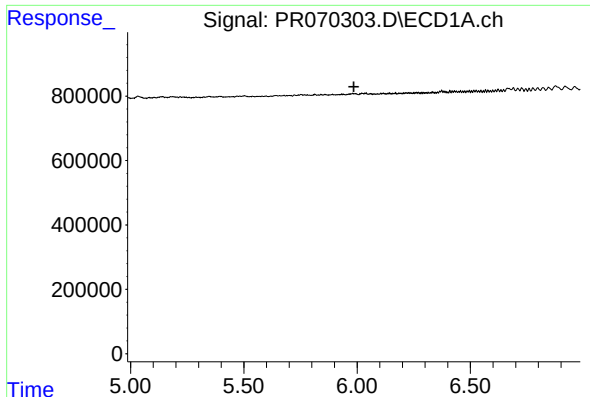
R.T.: 0.000 min  
Exp R.T.: 5.750 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

R.T.: 4.912 min  
Delta R.T.: 0.000 min  
Response: 517917  
Conc: 2.05 ng/ml

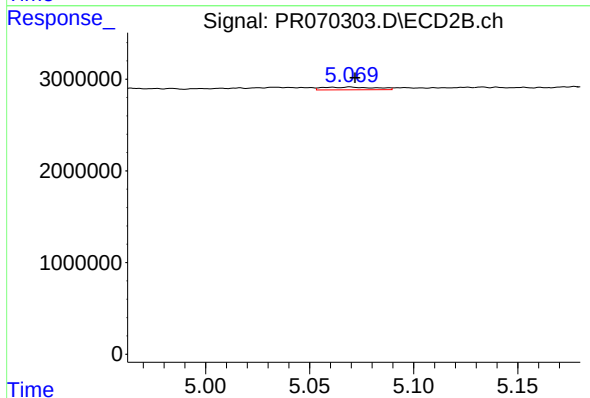




#27 AR-1254-2

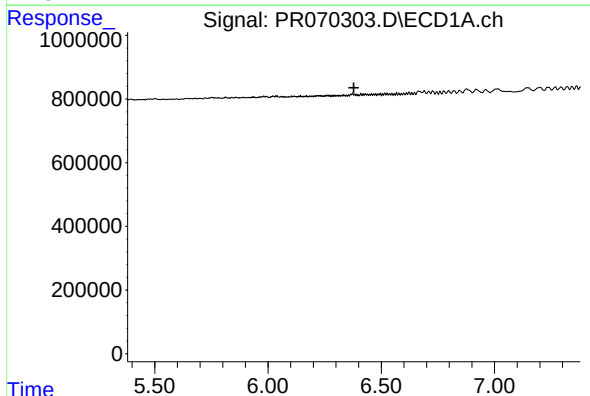
R.T.: 0.000 min  
Exp R.T.: 5.986 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



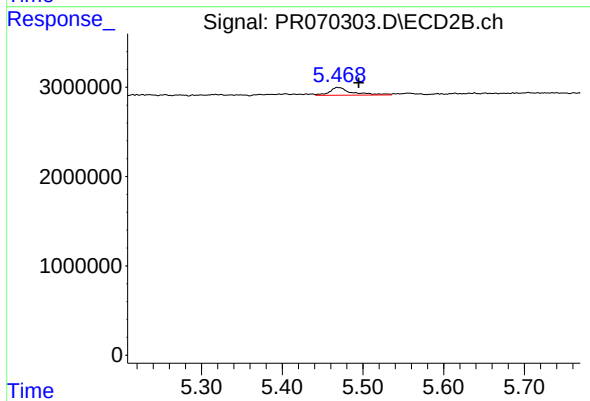
#27 AR-1254-2

R.T.: 5.061 min  
Delta R.T.: -0.011 min  
Response: 521889  
Conc: 2.40 ng/ml



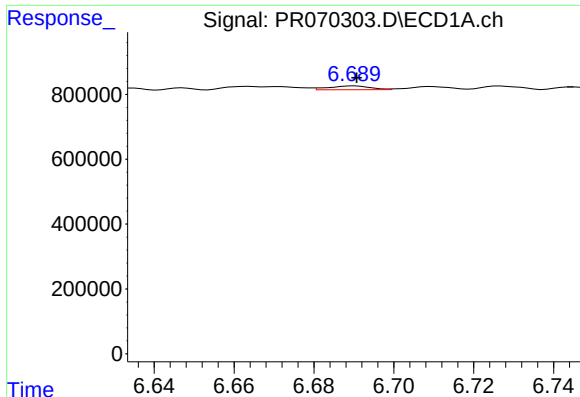
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 6.379 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

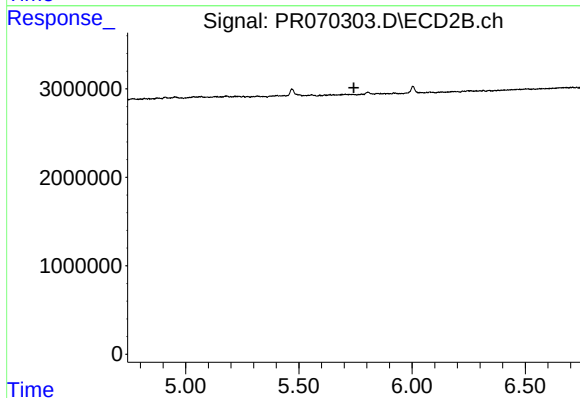
R.T.: 5.469 min  
Delta R.T.: -0.026 min  
Response: 1666360  
Conc: 5.22 ng/ml



#29 AR-1254-4

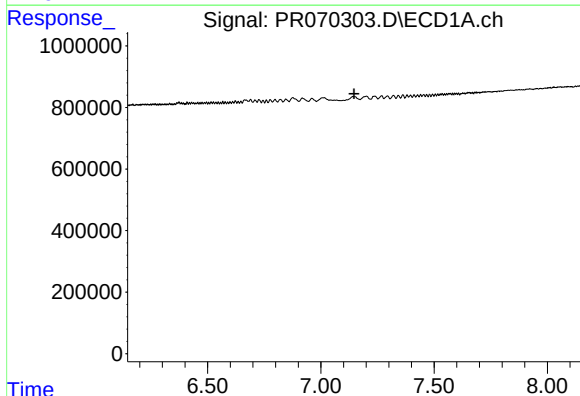
R.T.: 6.690 min  
Delta R.T.: 0.000 min  
Response: 84190  
Conc: 2.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



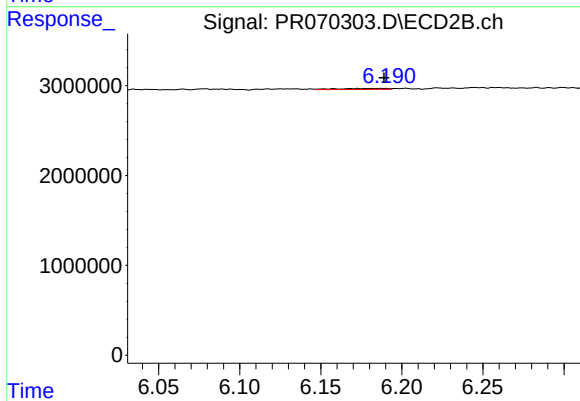
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 5.743 min  
Response: 0  
Conc: N.D.



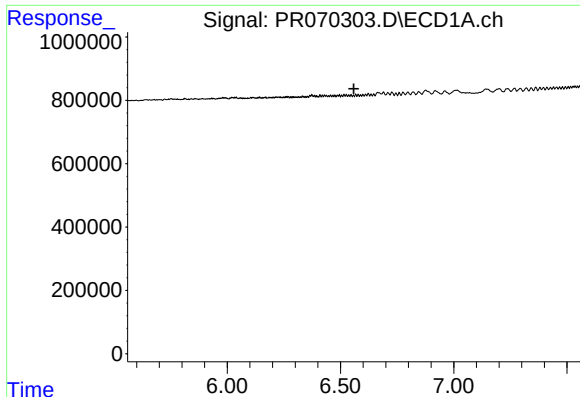
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.147 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

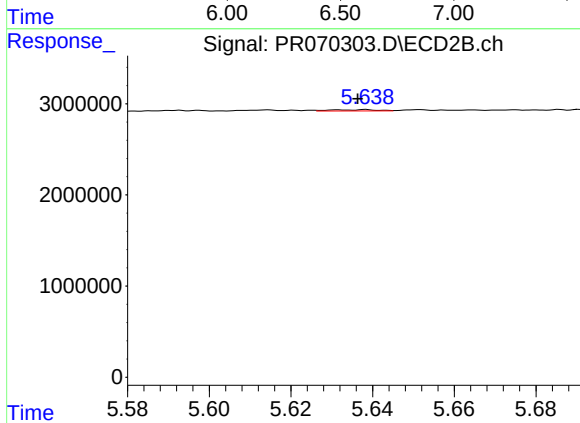
R.T.: 6.178 min  
Delta R.T.: -0.011 min  
Response: 254860  
Conc: 0.98 ng/ml



#31 AR-1260-1

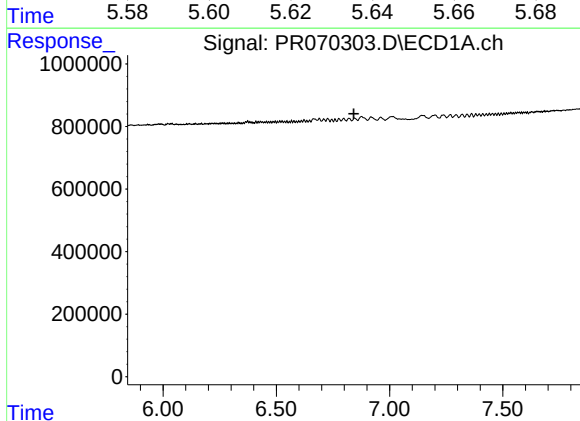
R.T.: 0.000 min  
Exp R.T.: 6.559 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



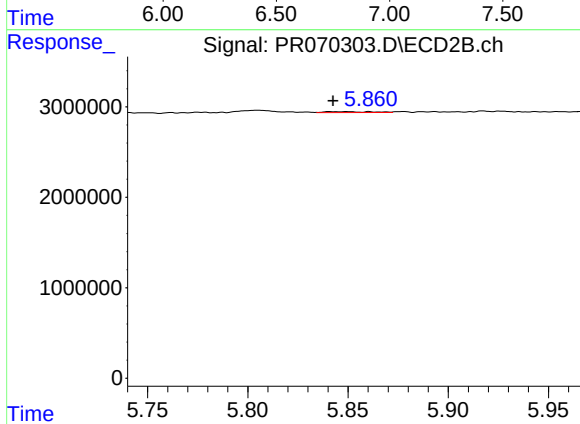
#31 AR-1260-1

R.T.: 5.638 min  
Delta R.T.: 0.002 min  
Response: 106969  
Conc: 0.49 ng/ml



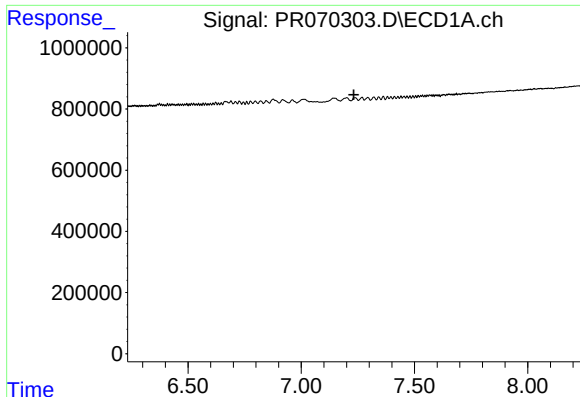
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 6.842 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

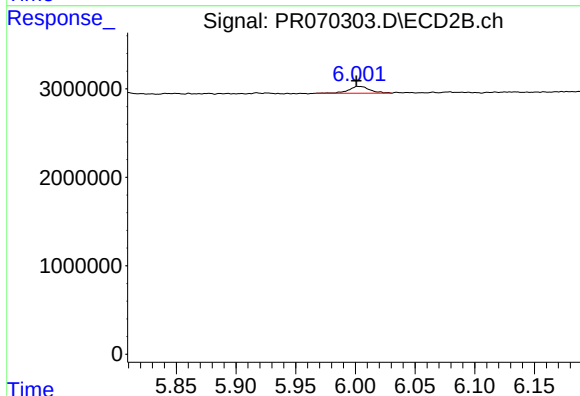
R.T.: 5.841 min  
Delta R.T.: -0.001 min  
Response: 173621  
Conc: 0.71 ng/ml



#33 AR-1260-3

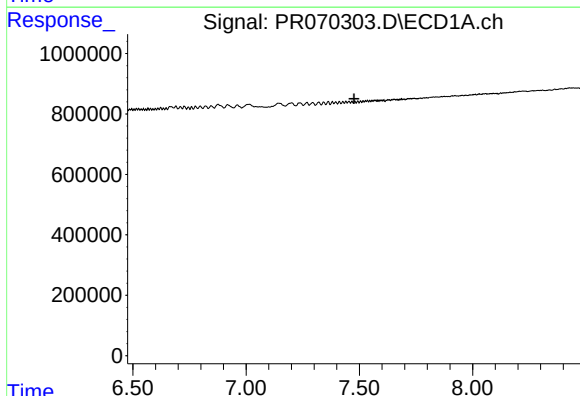
R.T.: 0.000 min  
Exp R.T.: 7.233 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



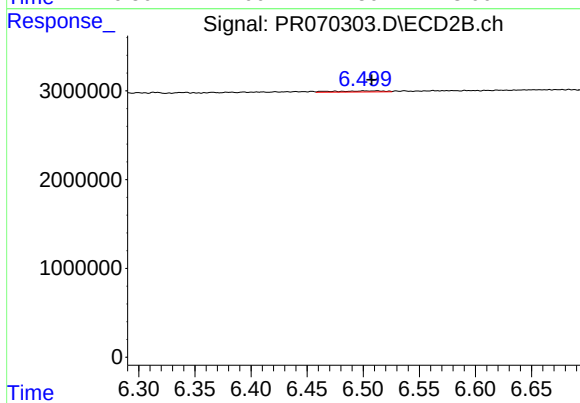
#33 AR-1260-3

R.T.: 6.003 min  
Delta R.T.: 0.002 min  
Response: 951633  
Conc: 3.99 ng/ml



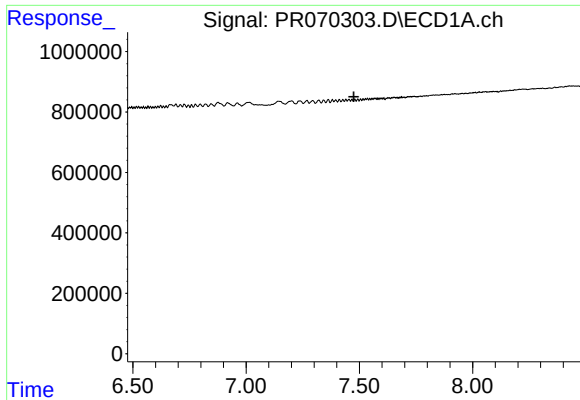
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 7.476 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

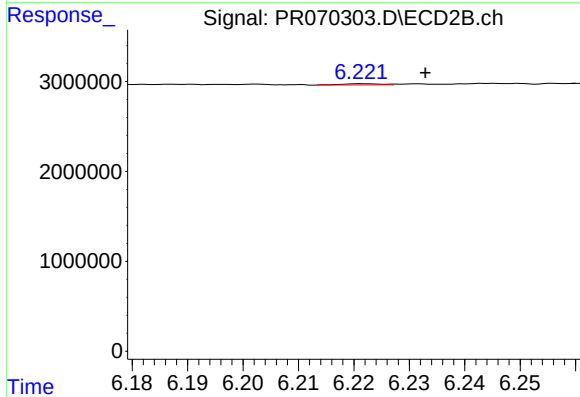
R.T.: 6.512 min  
Delta R.T.: 0.005 min  
Response: 388602  
Conc: 1.97 ng/ml



#36 AR-1262-1

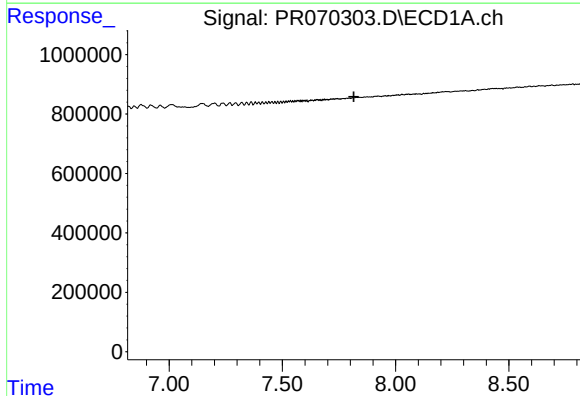
R.T.: 0.000 min  
Exp R.T.: 7.476 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



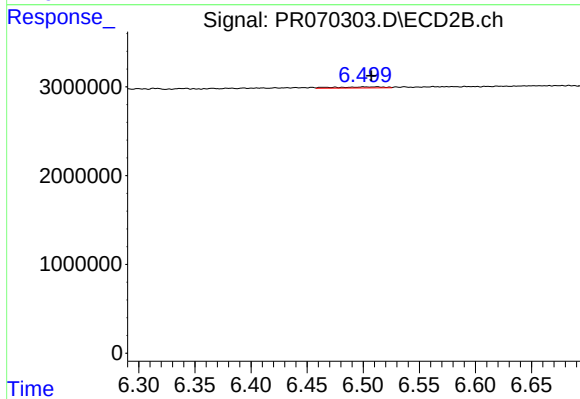
#36 AR-1262-1

R.T.: 6.222 min  
Delta R.T.: -0.011 min  
Response: 72193  
Conc: 0.23 ng/ml



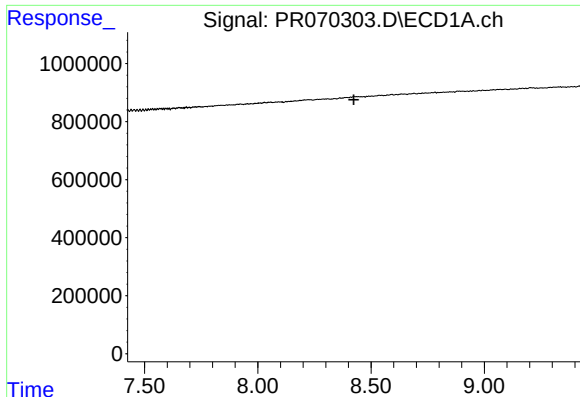
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 7.815 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

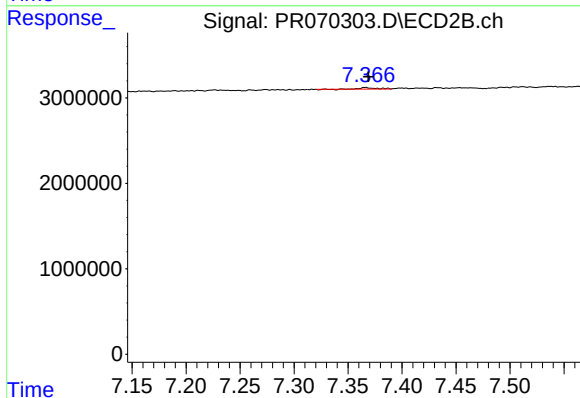
R.T.: 6.512 min  
Delta R.T.: 0.005 min  
Response: 388602  
Conc: 1.44 ng/ml



#43 AR-1268-3

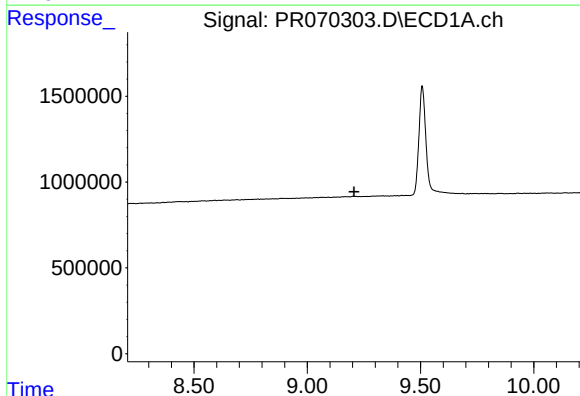
R.T.: 0.000 min  
Exp R.T.: 8.424 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT1-2025



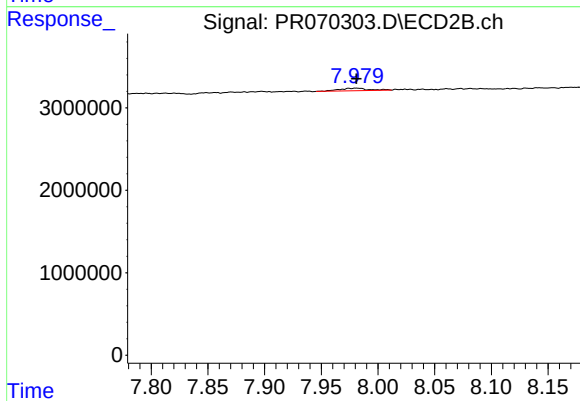
#43 AR-1268-3

R.T.: 7.366 min  
Delta R.T.: -0.002 min  
Response: 181934  
Conc: 0.37 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.207 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 7.981 min  
Delta R.T.: 0.000 min  
Response: 532949  
Conc: 0.38 ng/ml