

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP082124\  
 Data File : PP066747.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Aug 2024 11:24  
 Operator : YP\AJ  
 Sample : P3390-08  
 Misc : AR1248 LOQ 50 PPB  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 22 04:10:01 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP082024.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 21 05:19:45 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... | 4.704  | 3.982  | 22351713 | 17271625 | 15.095  | 13.210    |
| 2)                          | SA Decachlor... | 10.623 | 9.145  | 14631488 | 11581425 | 16.673  | 13.902    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.878  | 5.088  | 1182225  | 907723   | 27.739  | 22.643    |
| 4)                          | L1 AR-1016-2    | 5.901  | 5.108  | 1500426  | 873243   | 22.428  | 14.654 #  |
| 5)                          | L1 AR-1016-3    | 5.965  | 5.291  | 825335   | 517098   | 19.499  | 17.299    |
| 6)                          | L1 AR-1016-4    | 6.062  | 5.329  | 790709   | 1301274  | 24.234  | 49.656 #  |
| 7)                          | L1 AR-1016-5    | 6.358  | 5.550  | 1962528  | 1619651  | 61.881  | 49.878    |
| 9)                          | L2 AR-1221-2    | 5.013f | 4.291  | 418839   | 332886   | 33.777  | 28.363    |
| 10)                         | L2 AR-1221-3    | 5.078  | 0.000  | 99022    | 0        | 2.609   | N.D. #    |
| 11)                         | L3 AR-1232-1    | 5.078  | 0.000  | 99022    | 0        | 3.114   | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.609  | 5.108  | 497462   | 873243   | 28.720  | 32.364    |
| 13)                         | L3 AR-1232-3    | 5.901  | 5.291  | 1500426  | 517098   | 49.703  | 38.557    |
| 14)                         | L3 AR-1232-4    | 6.062  | 5.373  | 790709   | 1324478  | 53.687  | 103.037 # |
| 15)                         | L3 AR-1232-5    | 6.150  | 5.550  | 1714148  | 1619651  | 144.405 | 116.951   |
| 16)                         | L4 AR-1242-1    | 5.878  | 5.088  | 1182225  | 907723   | 36.661  | 29.586    |
| 17)                         | L4 AR-1242-2    | 5.901  | 5.108  | 1500426  | 873243   | 29.648  | 19.272 #  |
| 18)                         | L4 AR-1242-3    | 5.965  | 5.291  | 825335   | 517098   | 26.119  | 22.137    |
| 19)                         | L4 AR-1242-4    | 6.062  | 5.373  | 790709   | 1324478  | 31.909  | 52.636 #  |
| 20)                         | L4 AR-1242-5    | 6.802  | 5.907  | 1750342  | 2096777  | 69.656  | 74.127    |
| 21)                         | L5 AR-1248-1    | 5.878  | 5.088  | 1182225  | 907723   | 46.256  | 37.492    |
| 22)                         | L5 AR-1248-2    | 6.150  | 5.329  | 1714148  | 1301274  | 42.661  | 36.030    |
| 23)                         | L5 AR-1248-3    | 6.358  | 5.373  | 1962528  | 1324478  | 45.010  | 35.476    |
| 24)                         | L5 AR-1248-4    | 6.762  | 5.550  | 1755458  | 1619651  | 39.738  | 36.708    |
| 25)                         | L5 AR-1248-5    | 6.802  | 5.950  | 1750342  | 1339728  | 38.181  | 35.466    |
| 26)                         | L6 AR-1254-1    | 6.735  | 5.907  | 1451196  | 2096777  | 29.396  | 35.001    |
| 27)                         | L6 AR-1254-2    | 6.959  | 6.057  | 2289041  | 706814   | 31.374  | 13.226 #  |
| 28)                         | L6 AR-1254-3    | 7.322  | 6.468  | 1041144  | 922760   | 14.901  | 11.670    |
| 29)                         | L6 AR-1254-4    | 7.614  | 6.697  | 1350836  | 503537   | 30.340  | 12.455 #  |
| 30)                         | L6 AR-1254-5    | 8.026  | 7.135  | 3797032  | 261222   | 57.274  | 4.064 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.616  | 0        | 662656   | N.D.    | 11.211 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.784  | 0        | 545379   | N.D.    | 8.004 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.951  | 0        | 475967   | N.D.    | 7.325 #   |
| 36)                         | L8 AR-1262-1    | 8.026  | 7.135f | 3797032  | 261222   | 84.097  | 8.172 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.937  | 0        | 69308    | N.D.    | 1.549 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.937  | 0        | 69308    | N.D.    | 0.554 #   |
| 43)                         | L9 AR-1268-3    | 9.349  | 0.000  | 420172   | 0        | 4.234   | N.D. #    |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.868  | 0        | 162552   | N.D.    | 0.560 #   |
| -----                       |                 |        |        |          |          |         |           |

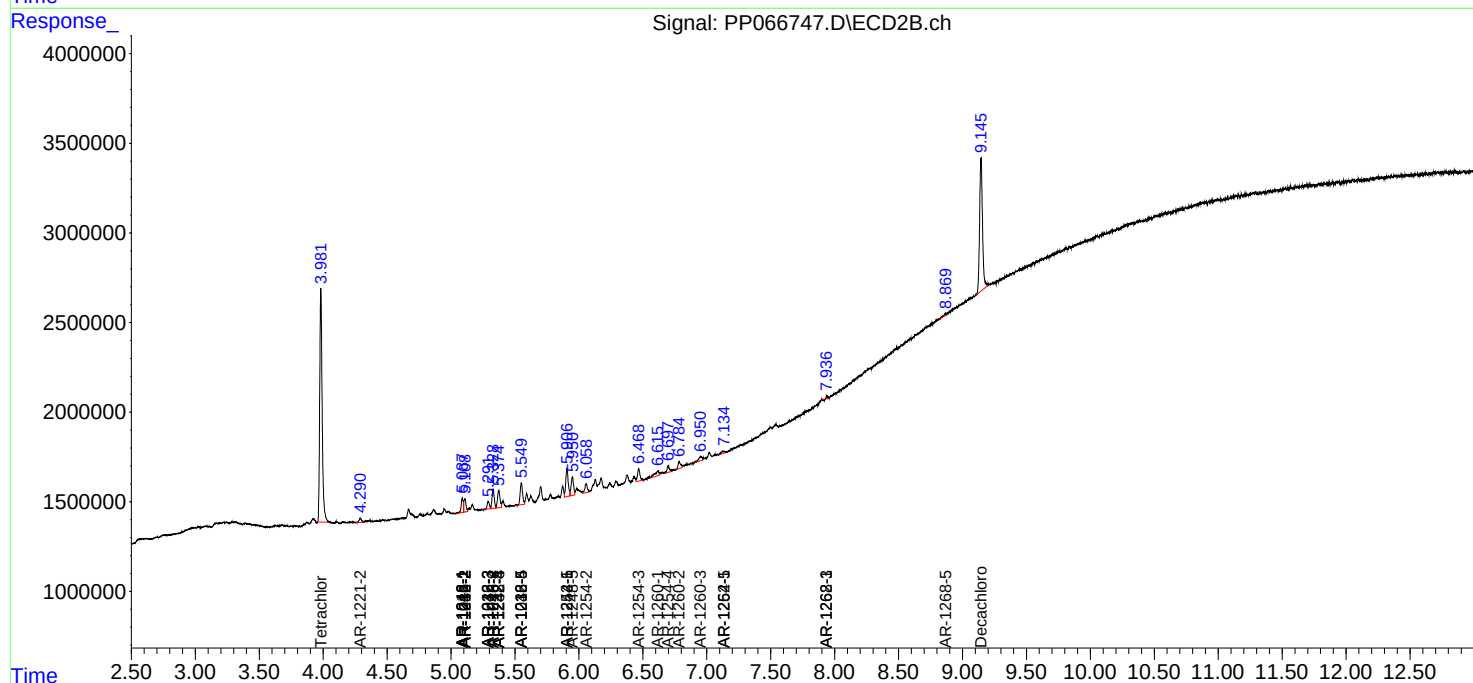
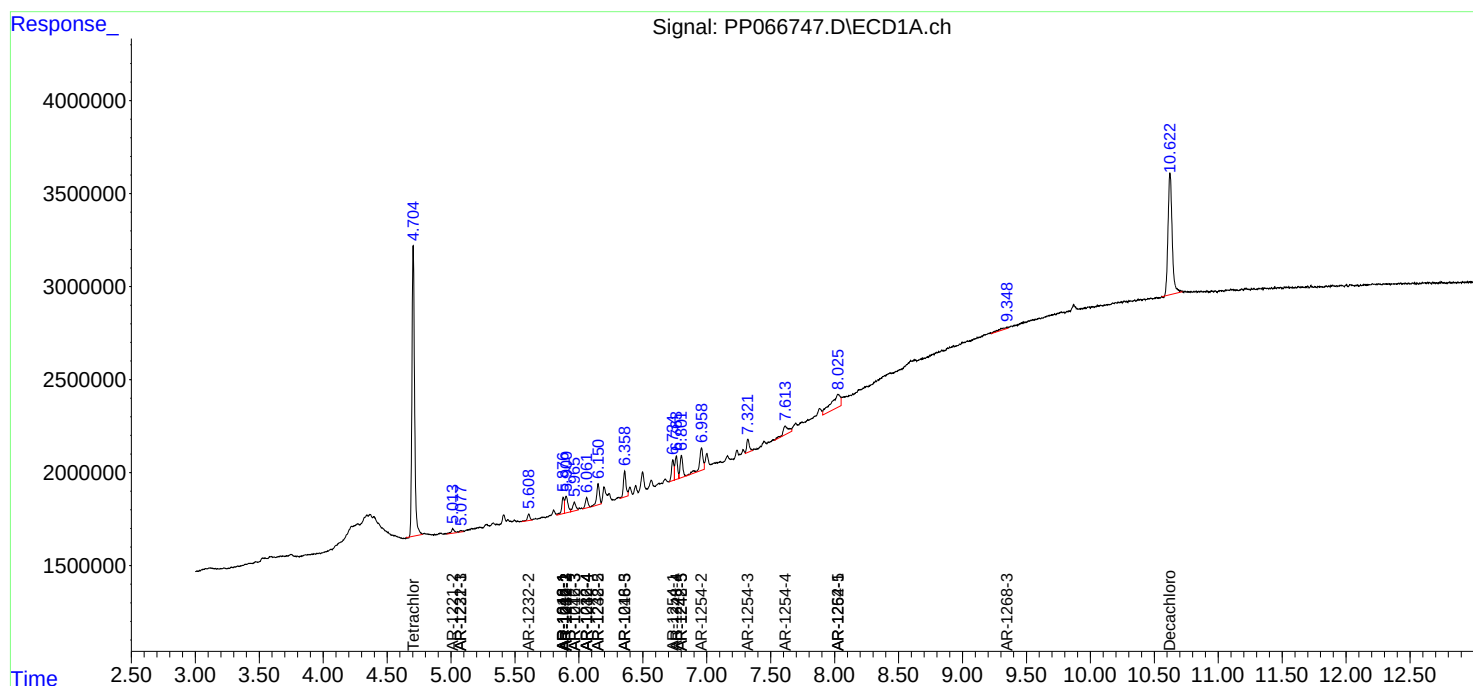
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

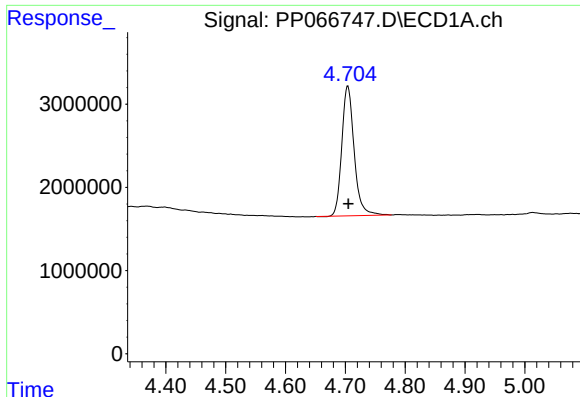
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP082124\  
Data File : PP066747.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Aug 2024 11:24  
Operator : YP\AJ  
Sample : P3390-08  
Misc : AR1248 LOQ 50 PPB  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 22 04:10:01 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP082024.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 21 05:19:45 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

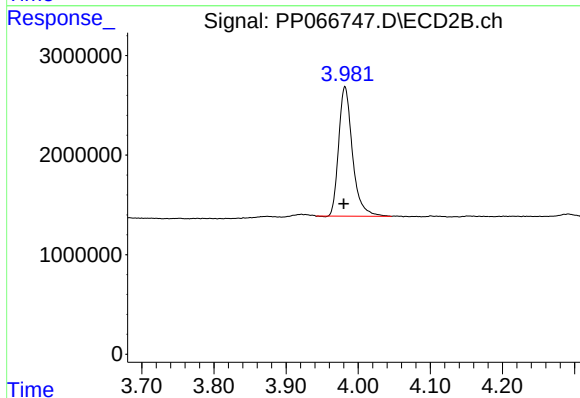




#1 Tetrachloro-m-xylene

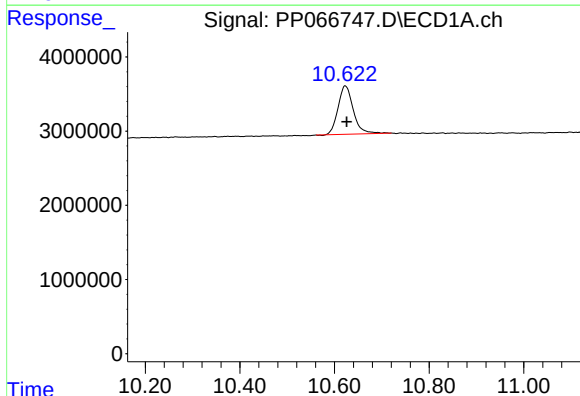
R.T.: 4.704 min  
Delta R.T.: 0.000 min  
Response: 22351713  
Conc: 15.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



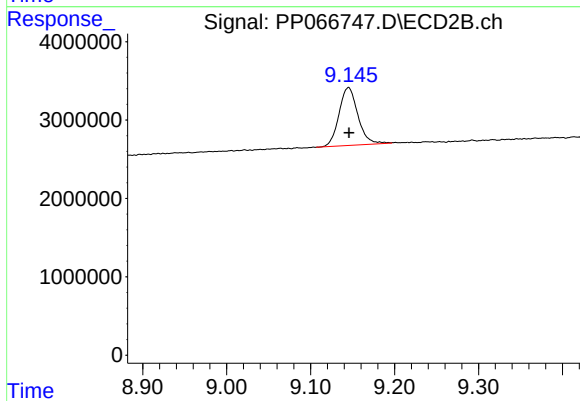
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.002 min  
Response: 17271625  
Conc: 13.21 ng/ml



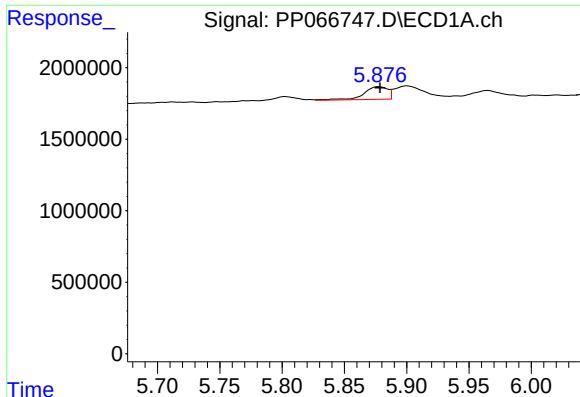
#2 Decachlorobiphenyl

R.T.: 10.623 min  
Delta R.T.: -0.003 min  
Response: 14631488  
Conc: 16.67 ng/ml



#2 Decachlorobiphenyl

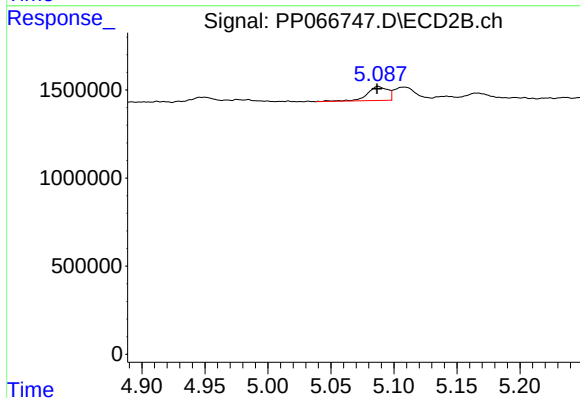
R.T.: 9.145 min  
Delta R.T.: 0.000 min  
Response: 11581425  
Conc: 13.90 ng/ml



#3 AR-1016-1

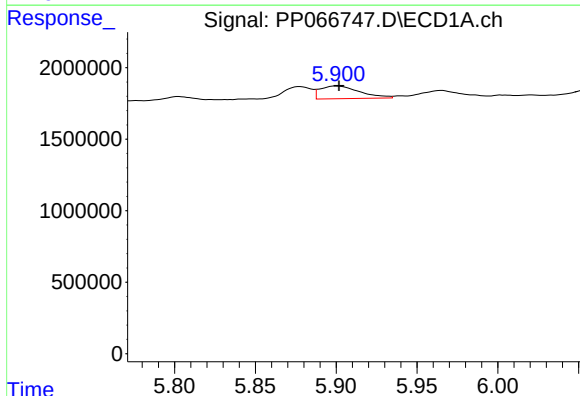
R.T.: 5.878 min  
Delta R.T.: -0.001 min  
Response: 1182225  
Conc: 27.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



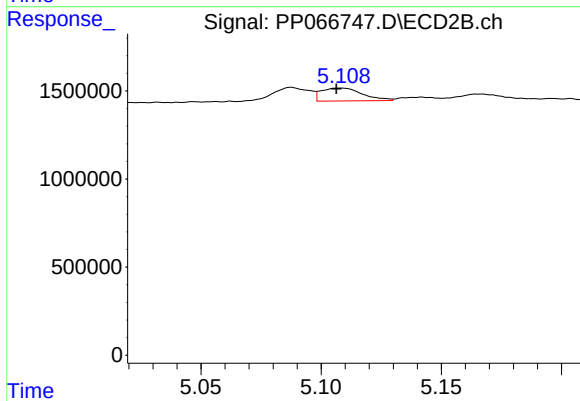
#3 AR-1016-1

R.T.: 5.088 min  
Delta R.T.: 0.001 min  
Response: 907723  
Conc: 22.64 ng/ml



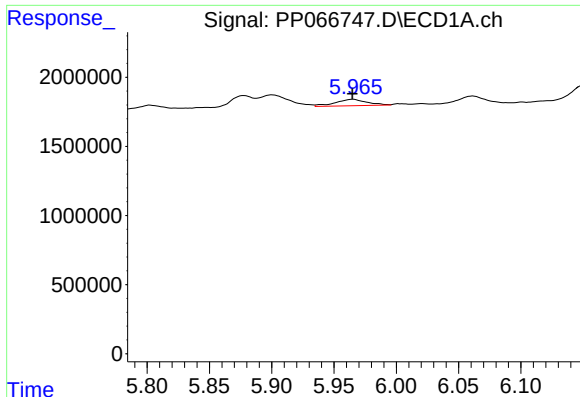
#4 AR-1016-2

R.T.: 5.901 min  
Delta R.T.: -0.001 min  
Response: 1500426  
Conc: 22.43 ng/ml



#4 AR-1016-2

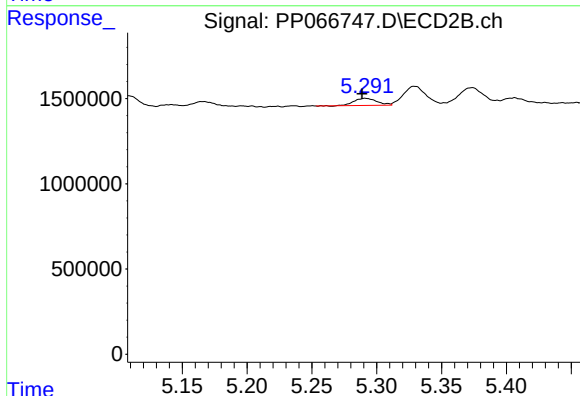
R.T.: 5.108 min  
Delta R.T.: 0.002 min  
Response: 873243  
Conc: 14.65 ng/ml



#5 AR-1016-3

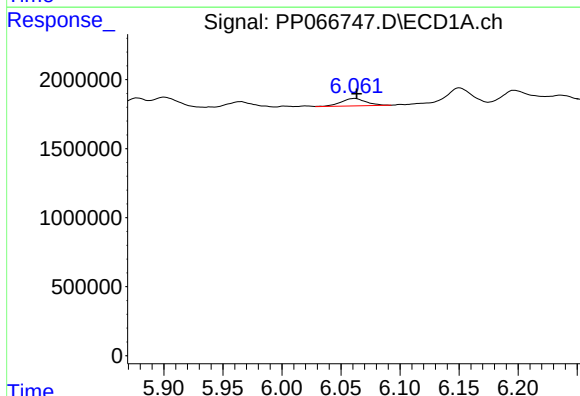
R.T.: 5.965 min  
Delta R.T.: 0.000 min  
Response: 825335  
Conc: 19.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



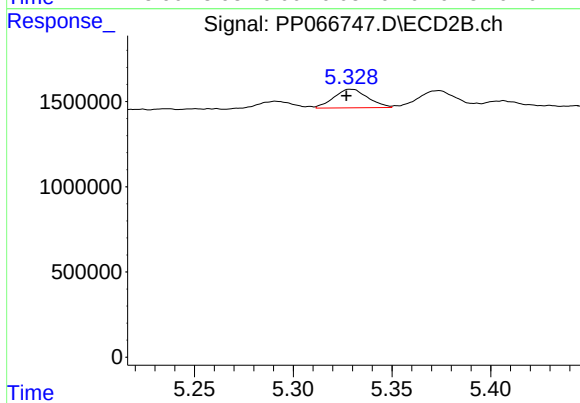
#5 AR-1016-3

R.T.: 5.291 min  
Delta R.T.: 0.003 min  
Response: 517098  
Conc: 17.30 ng/ml



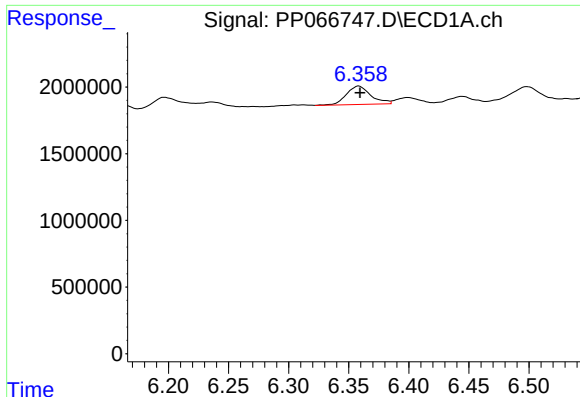
#6 AR-1016-4

R.T.: 6.062 min  
Delta R.T.: -0.002 min  
Response: 790709  
Conc: 24.23 ng/ml



#6 AR-1016-4

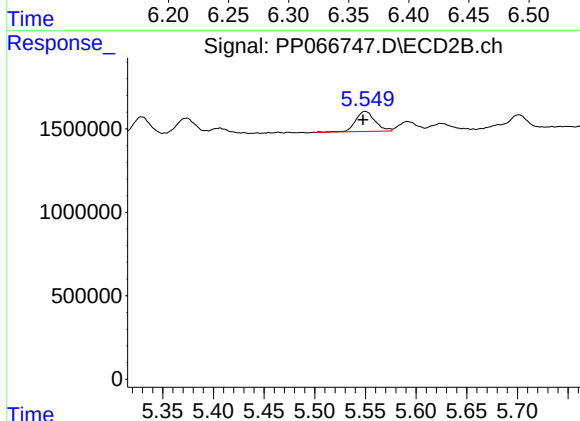
R.T.: 5.329 min  
Delta R.T.: 0.002 min  
Response: 1301274  
Conc: 49.66 ng/ml



#7 AR-1016-5

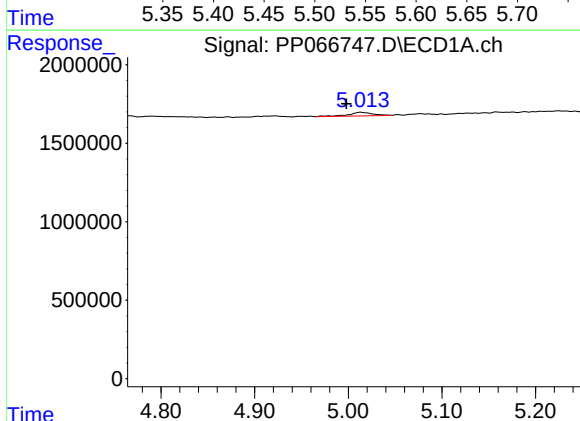
R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 1962528  
Conc: 61.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



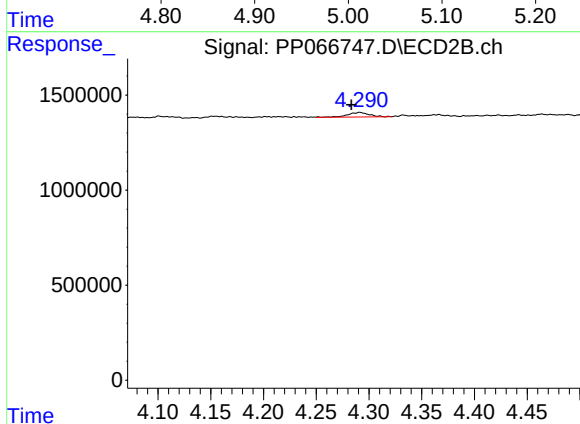
#7 AR-1016-5

R.T.: 5.550 min  
Delta R.T.: 0.002 min  
Response: 1619651  
Conc: 49.88 ng/ml



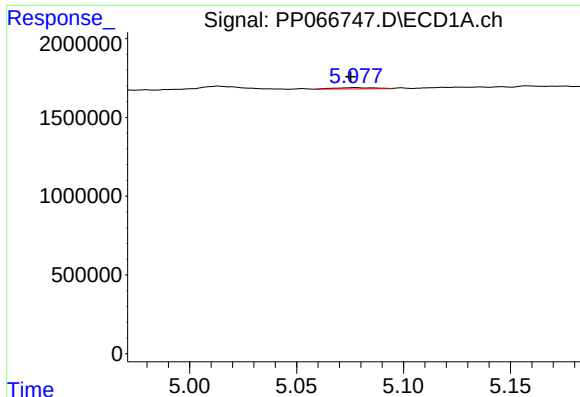
#9 AR-1221-2

R.T.: 5.013 min  
Delta R.T.: 0.016 min  
Response: 418839  
Conc: 33.78 ng/ml



#9 AR-1221-2

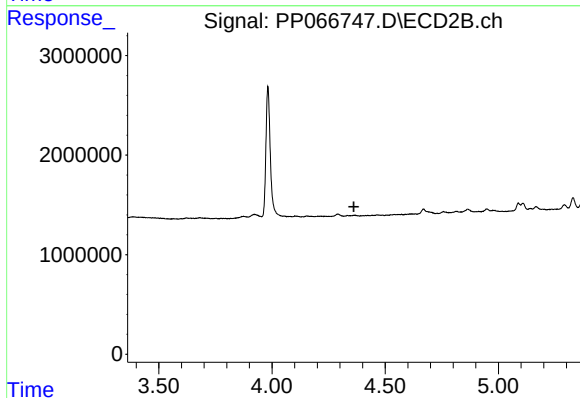
R.T.: 4.291 min  
Delta R.T.: 0.008 min  
Response: 332886  
Conc: 28.36 ng/ml



#10 AR-1221-3

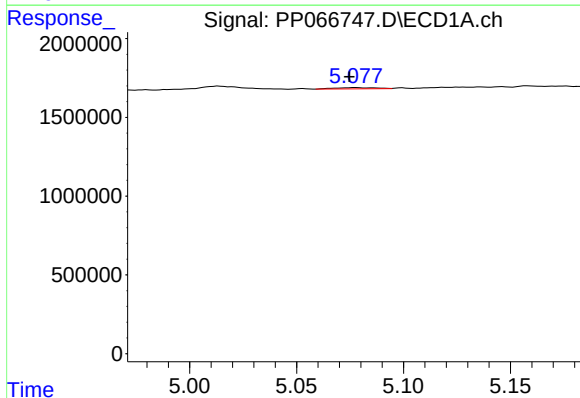
R.T.: 5.078 min  
Delta R.T.: 0.002 min  
Response: 99022  
Conc: 2.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



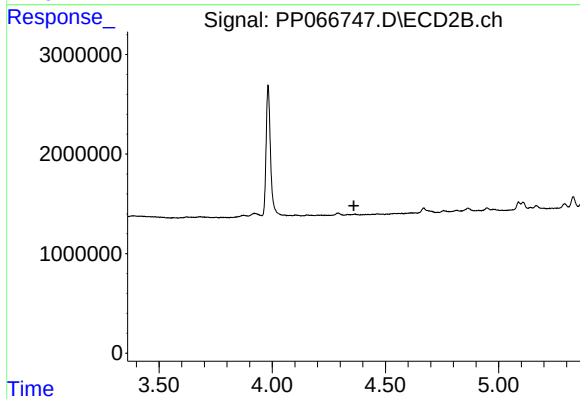
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.361 min  
Response: 0  
Conc: N.D.



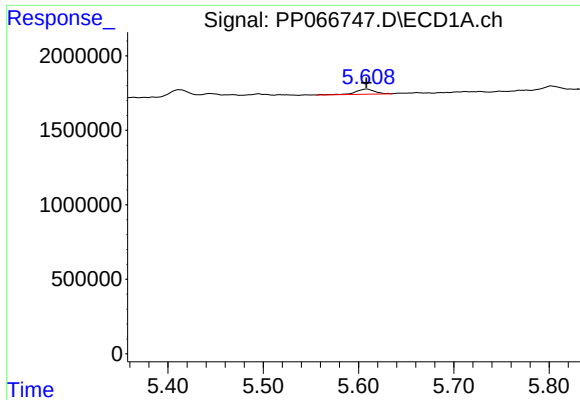
#11 AR-1232-1

R.T.: 5.078 min  
Delta R.T.: 0.003 min  
Response: 99022  
Conc: 3.11 ng/ml



#11 AR-1232-1

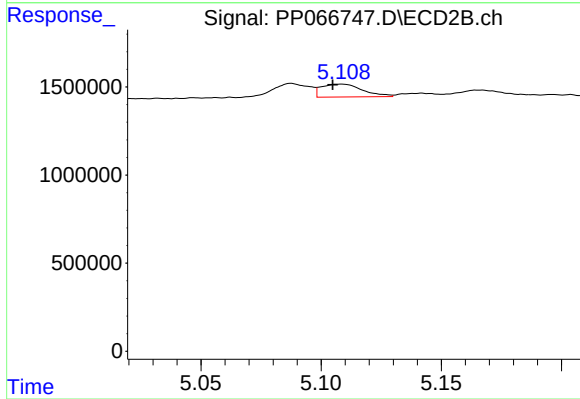
R.T.: 0.000 min  
Exp R.T. : 4.361 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

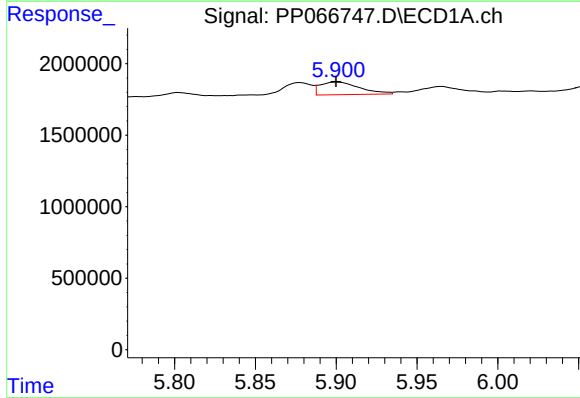
R.T.: 5.609 min  
Delta R.T.: 0.000 min  
Response: 497462  
Conc: 28.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



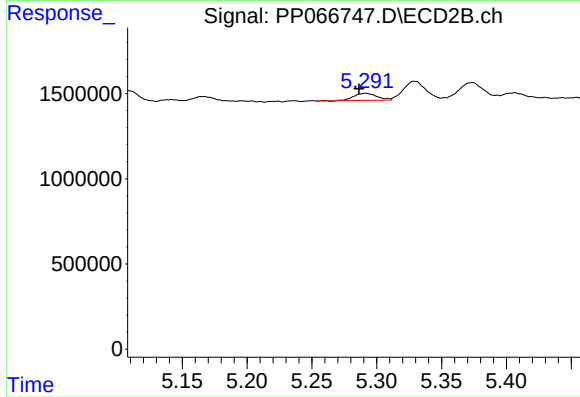
#12 AR-1232-2

R.T.: 5.108 min  
Delta R.T.: 0.003 min  
Response: 873243  
Conc: 32.36 ng/ml



#13 AR-1232-3

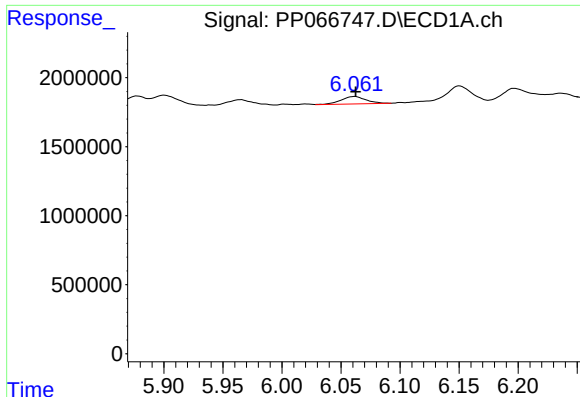
R.T.: 5.901 min  
Delta R.T.: 0.000 min  
Response: 1500426  
Conc: 49.70 ng/ml



#13 AR-1232-3

R.T.: 5.291 min  
Delta R.T.: 0.005 min  
Response: 517098  
Conc: 38.56 ng/ml

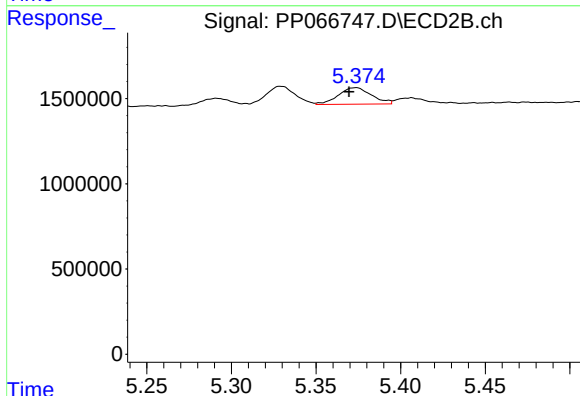




#14 AR-1232-4

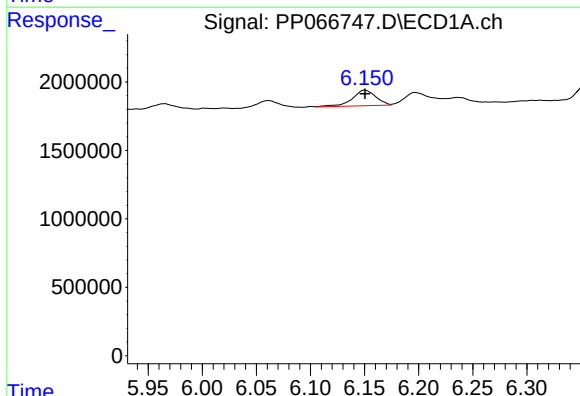
R.T.: 6.062 min  
Delta R.T.: 0.000 min  
Response: 790709  
Conc: 53.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



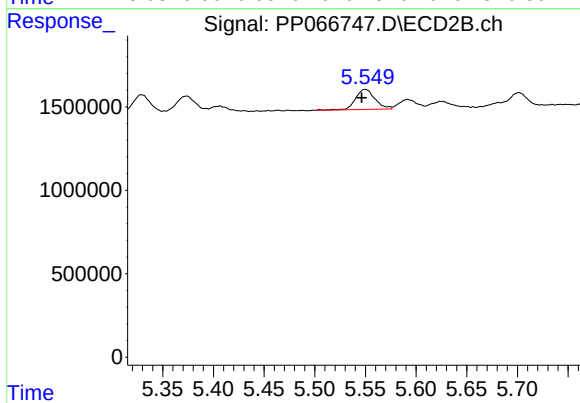
#14 AR-1232-4

R.T.: 5.373 min  
Delta R.T.: 0.004 min  
Response: 1324478  
Conc: 103.04 ng/ml



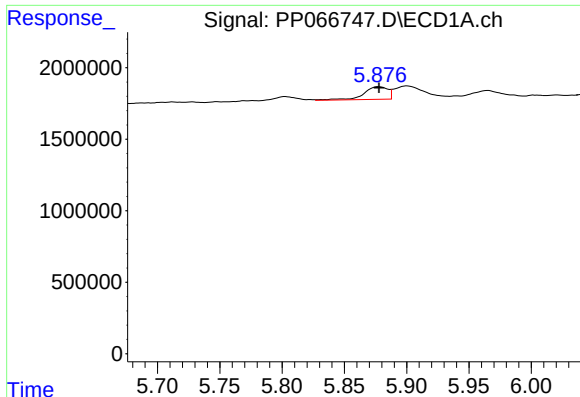
#15 AR-1232-5

R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 1714148  
Conc: 144.41 ng/ml



#15 AR-1232-5

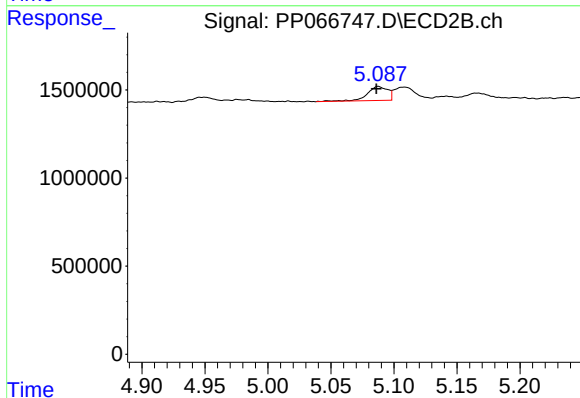
R.T.: 5.550 min  
Delta R.T.: 0.003 min  
Response: 1619651  
Conc: 116.95 ng/ml



#16 AR-1242-1

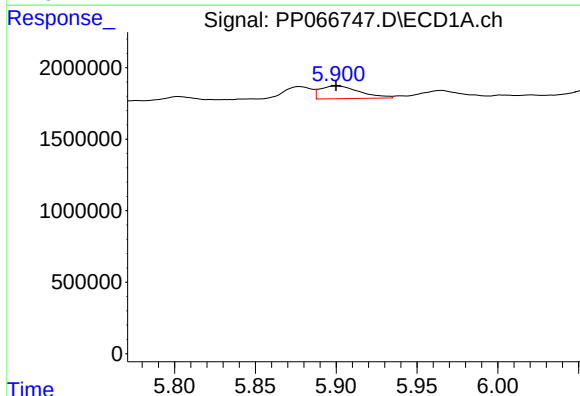
R.T.: 5.878 min  
Delta R.T.: 0.000 min  
Response: 1182225  
Conc: 36.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



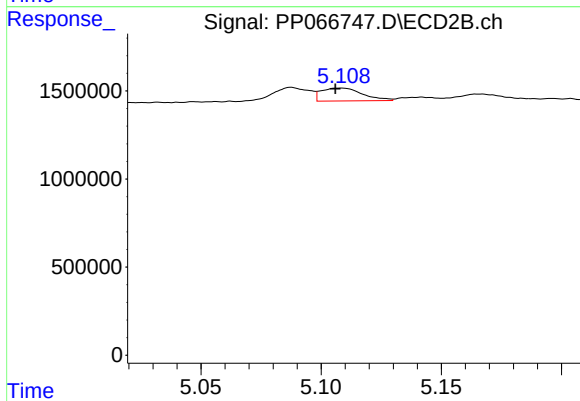
#16 AR-1242-1

R.T.: 5.088 min  
Delta R.T.: 0.002 min  
Response: 907723  
Conc: 29.59 ng/ml



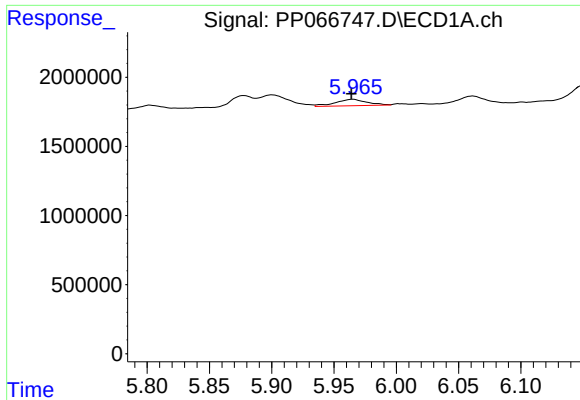
#17 AR-1242-2

R.T.: 5.901 min  
Delta R.T.: 0.000 min  
Response: 1500426  
Conc: 29.65 ng/ml



#17 AR-1242-2

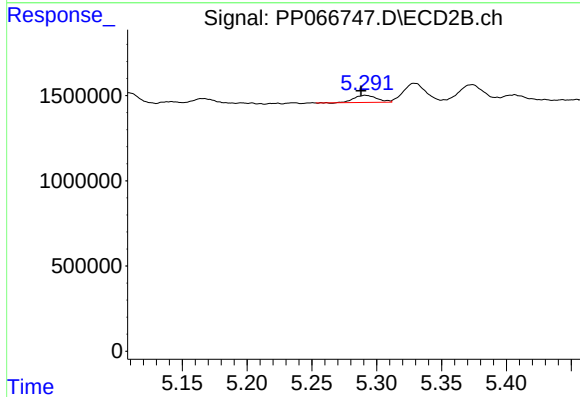
R.T.: 5.108 min  
Delta R.T.: 0.002 min  
Response: 873243  
Conc: 19.27 ng/ml



#18 AR-1242-3

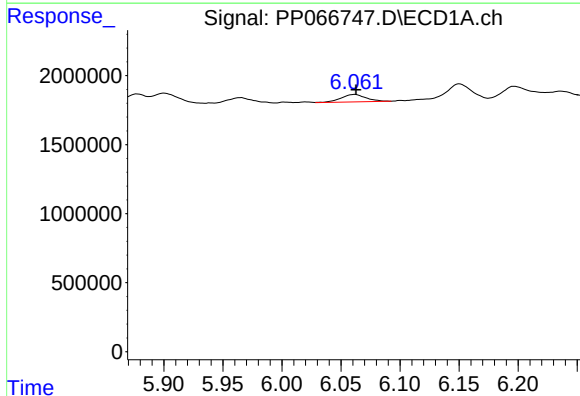
R.T.: 5.965 min  
Delta R.T.: 0.001 min  
Response: 825335  
Conc: 26.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



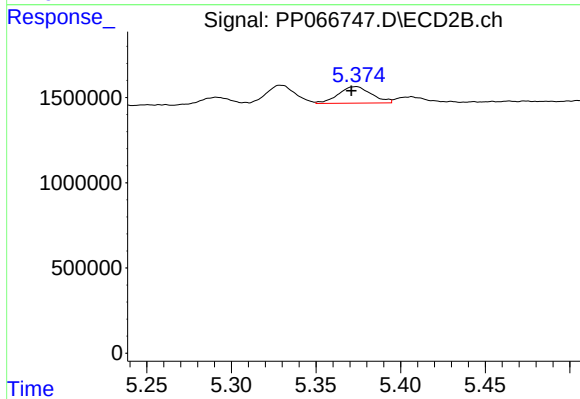
#18 AR-1242-3

R.T.: 5.291 min  
Delta R.T.: 0.003 min  
Response: 517098  
Conc: 22.14 ng/ml



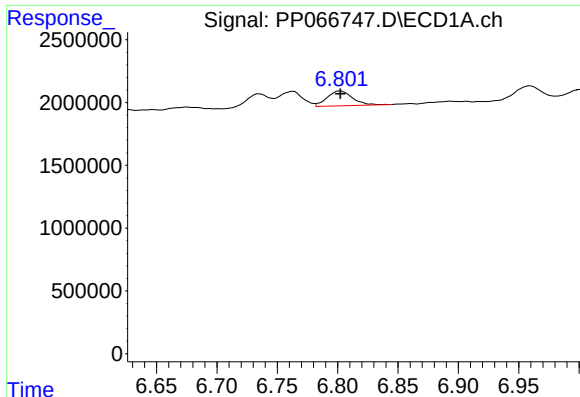
#19 AR-1242-4

R.T.: 6.062 min  
Delta R.T.: -0.001 min  
Response: 790709  
Conc: 31.91 ng/ml



#19 AR-1242-4

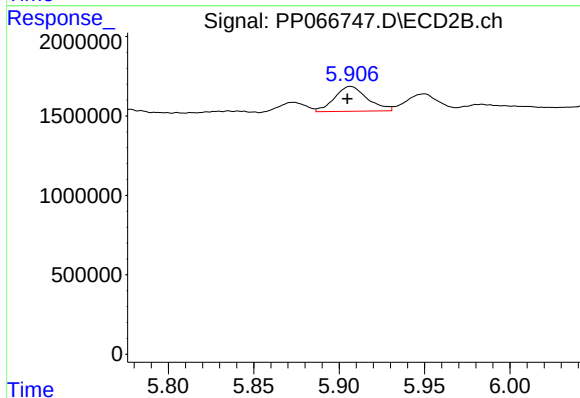
R.T.: 5.373 min  
Delta R.T.: 0.002 min  
Response: 1324478  
Conc: 52.64 ng/ml



#20 AR-1242-5

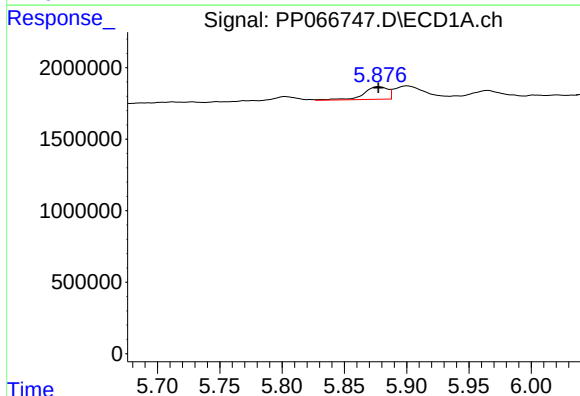
R.T.: 6.802 min  
Delta R.T.: 0.000 min  
Response: 1750342  
Conc: 69.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



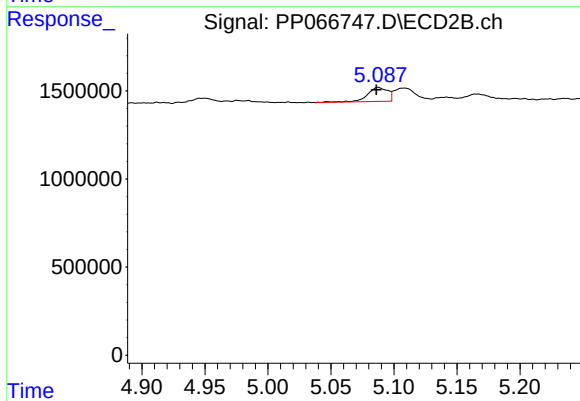
#20 AR-1242-5

R.T.: 5.907 min  
Delta R.T.: 0.002 min  
Response: 2096777  
Conc: 74.13 ng/ml



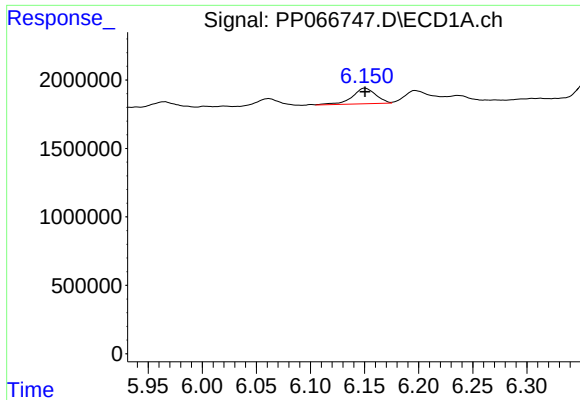
#21 AR-1248-1

R.T.: 5.878 min  
Delta R.T.: 0.000 min  
Response: 1182225  
Conc: 46.26 ng/ml



#21 AR-1248-1

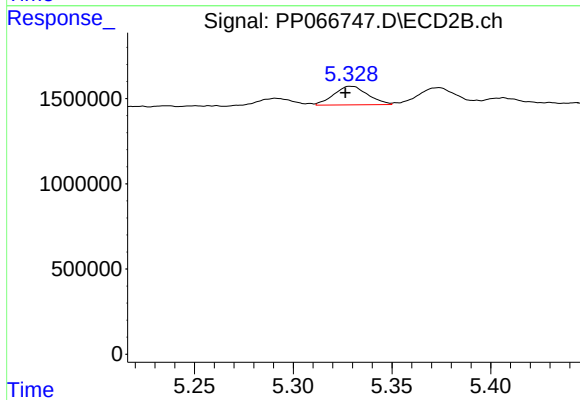
R.T.: 5.088 min  
Delta R.T.: 0.002 min  
Response: 907723  
Conc: 37.49 ng/ml



#22 AR-1248-2

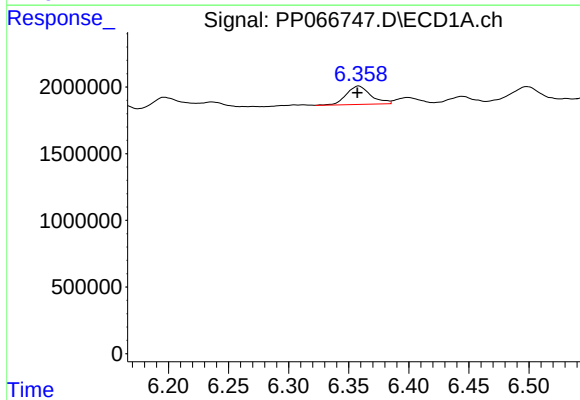
R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 1714148  
Conc: 42.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



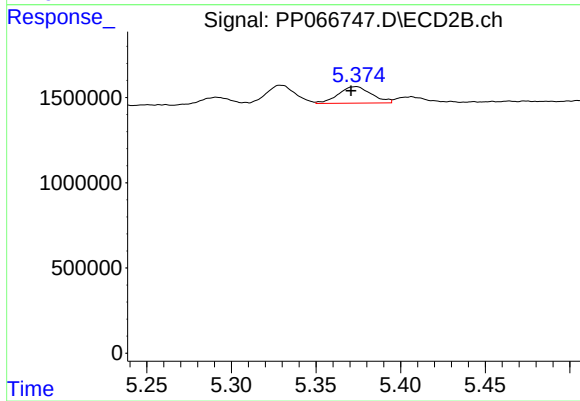
#22 AR-1248-2

R.T.: 5.329 min  
Delta R.T.: 0.003 min  
Response: 1301274  
Conc: 36.03 ng/ml



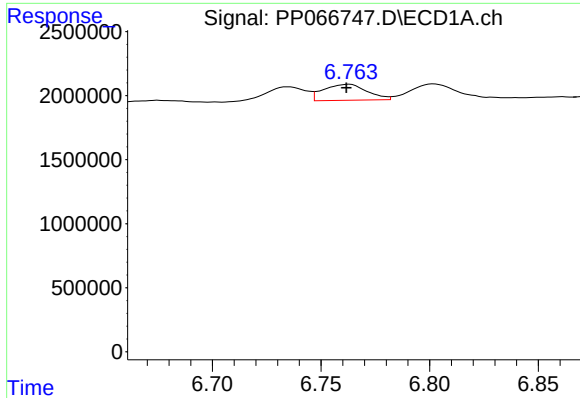
#23 AR-1248-3

R.T.: 6.358 min  
Delta R.T.: 0.001 min  
Response: 1962528  
Conc: 45.01 ng/ml



#23 AR-1248-3

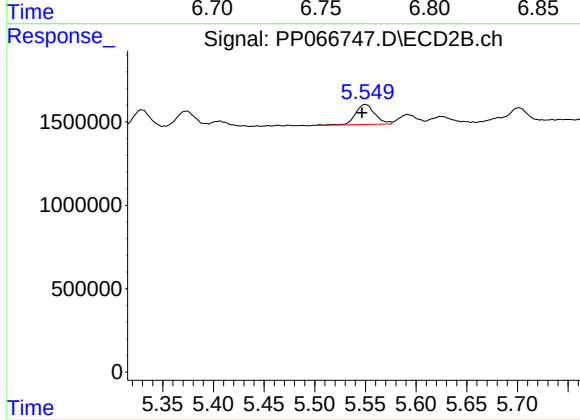
R.T.: 5.373 min  
Delta R.T.: 0.003 min  
Response: 1324478  
Conc: 35.48 ng/ml



#24 AR-1248-4

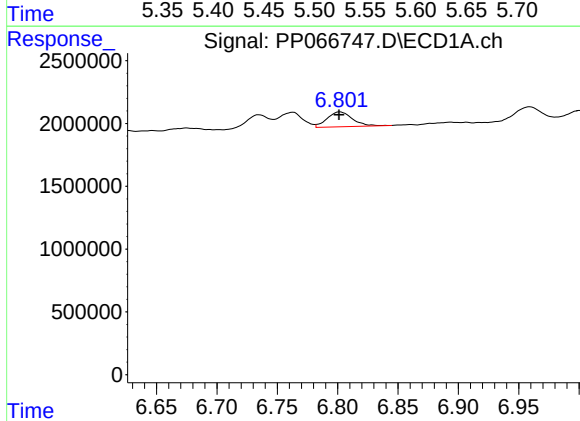
R.T.: 6.762 min  
Delta R.T.: 0.000 min  
Response: 1755458  
Conc: 39.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



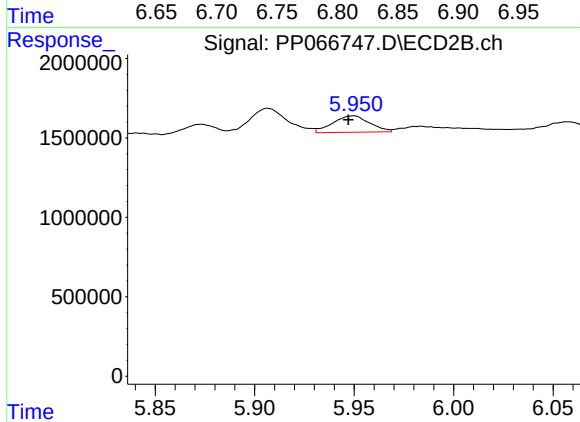
#24 AR-1248-4

R.T.: 5.550 min  
Delta R.T.: 0.003 min  
Response: 1619651  
Conc: 36.71 ng/ml



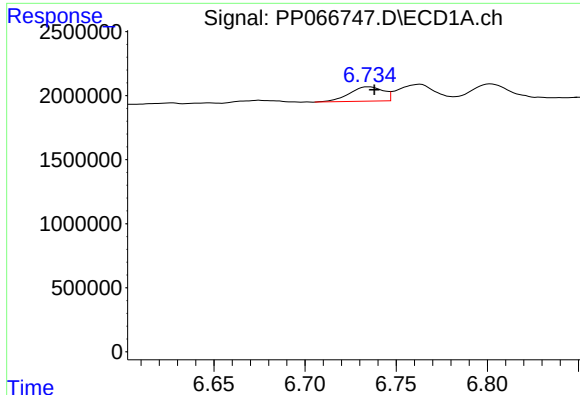
#25 AR-1248-5

R.T.: 6.802 min  
Delta R.T.: 0.000 min  
Response: 1750342  
Conc: 38.18 ng/ml



#25 AR-1248-5

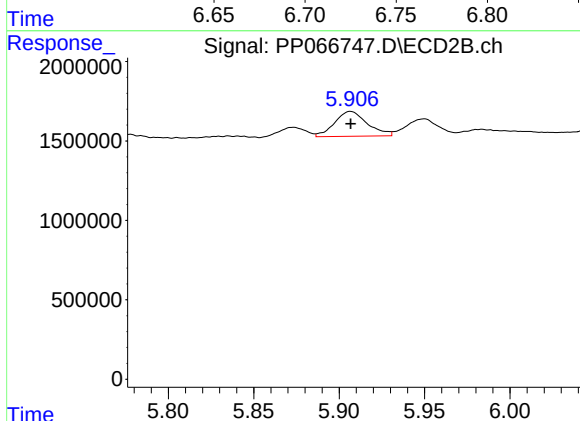
R.T.: 5.950 min  
Delta R.T.: 0.002 min  
Response: 1339728  
Conc: 35.47 ng/ml



#26 AR-1254-1

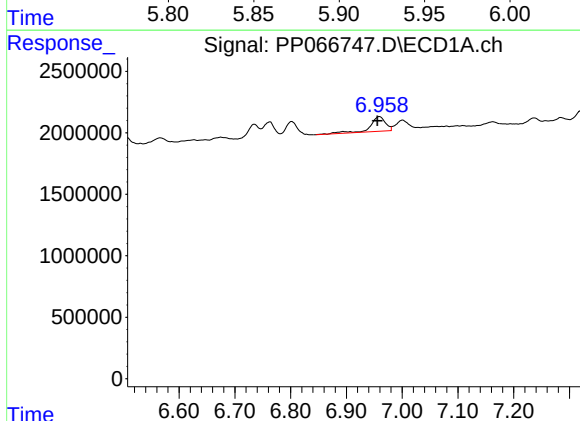
R.T.: 6.735 min  
Delta R.T.: -0.003 min  
Response: 1451196  
Conc: 29.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



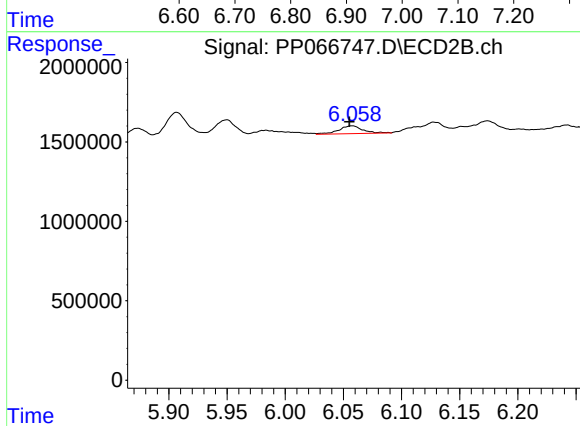
#26 AR-1254-1

R.T.: 5.907 min  
Delta R.T.: 0.000 min  
Response: 2096777  
Conc: 35.00 ng/ml



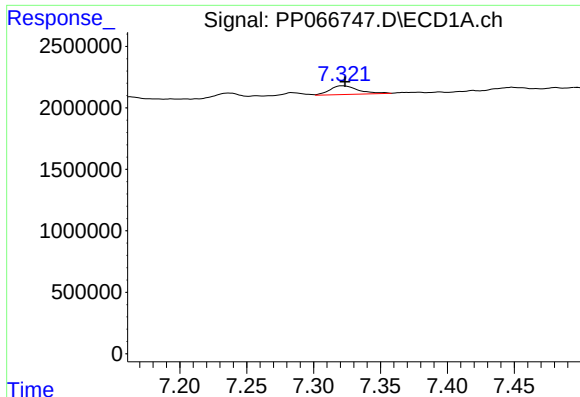
#27 AR-1254-2

R.T.: 6.959 min  
Delta R.T.: 0.004 min  
Response: 2289041  
Conc: 31.37 ng/ml



#27 AR-1254-2

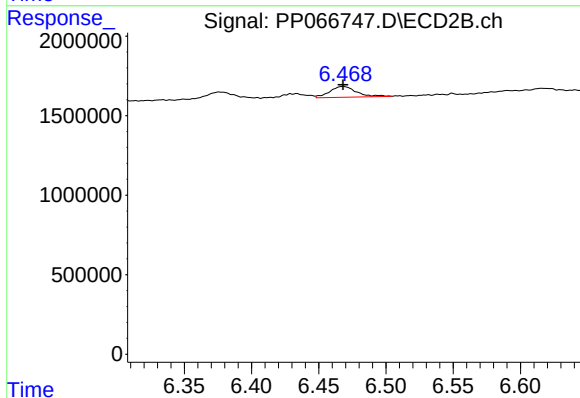
R.T.: 6.057 min  
Delta R.T.: 0.002 min  
Response: 706814  
Conc: 13.23 ng/ml



#28 AR-1254-3

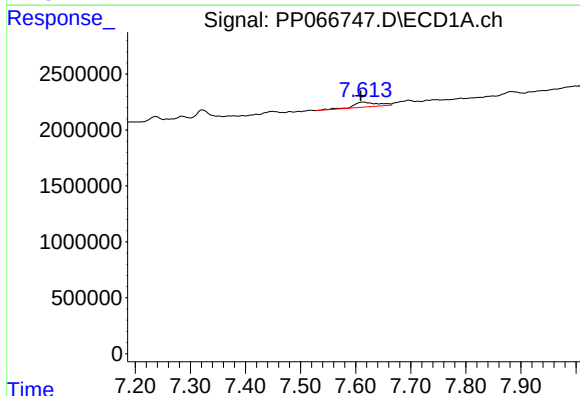
R.T.: 7.322 min  
Delta R.T.: -0.002 min  
Response: 1041144  
Conc: 14.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



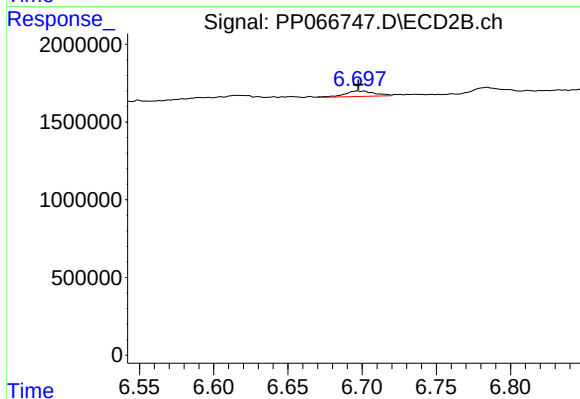
#28 AR-1254-3

R.T.: 6.468 min  
Delta R.T.: 0.000 min  
Response: 922760  
Conc: 11.67 ng/ml



#29 AR-1254-4

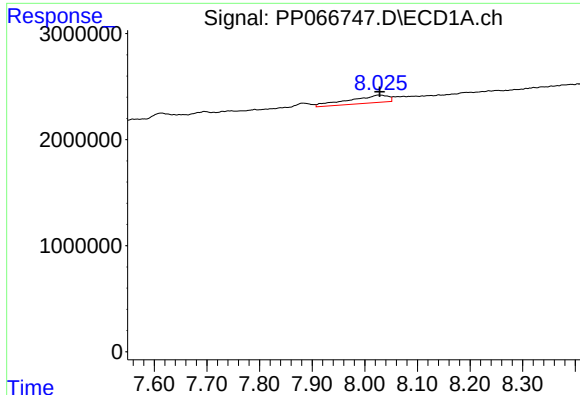
R.T.: 7.614 min  
Delta R.T.: 0.005 min  
Response: 1350836  
Conc: 30.34 ng/ml



#29 AR-1254-4

R.T.: 6.697 min  
Delta R.T.: 0.000 min  
Response: 503537  
Conc: 12.46 ng/ml

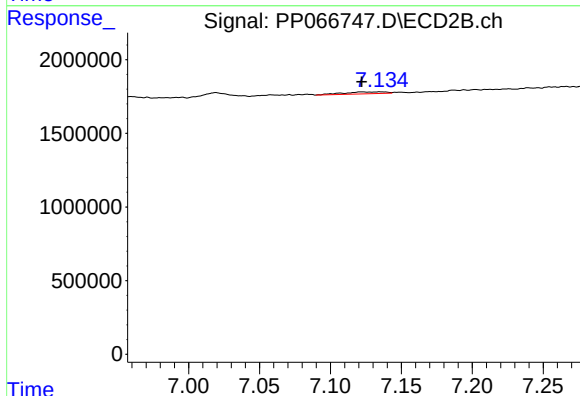




#30 AR-1254-5

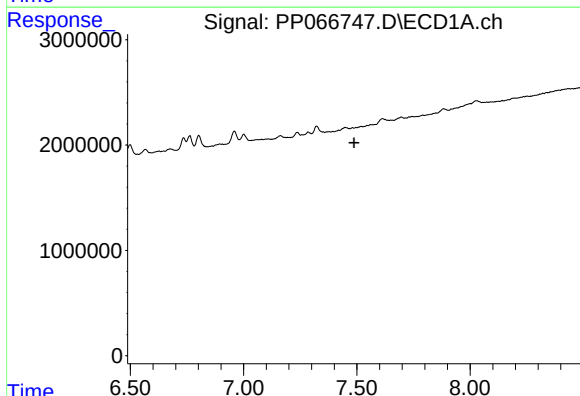
R.T.: 8.026 min  
Delta R.T.: -0.002 min  
Response: 3797032  
Conc: 57.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



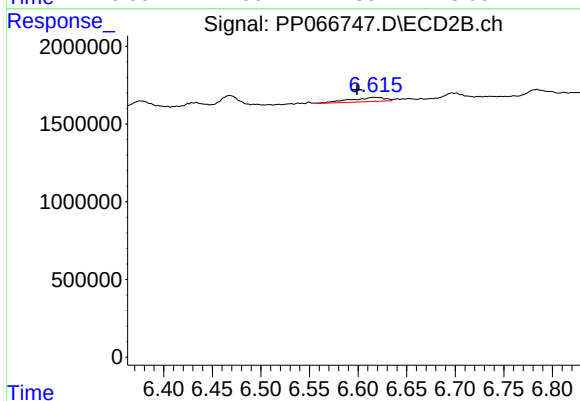
#30 AR-1254-5

R.T.: 7.135 min  
Delta R.T.: 0.013 min  
Response: 261222  
Conc: 4.06 ng/ml



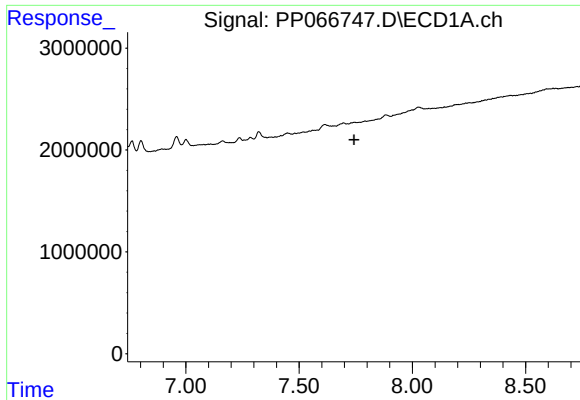
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.487 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

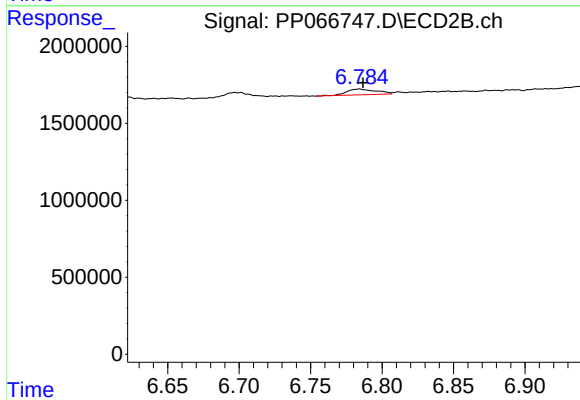
R.T.: 6.616 min  
Delta R.T.: 0.017 min  
Response: 662656  
Conc: 11.21 ng/ml



#32 AR-1260-2

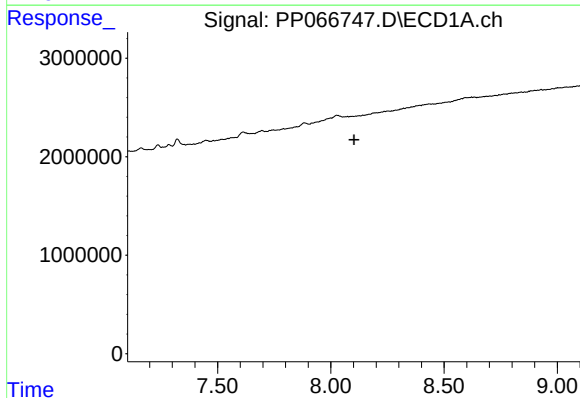
R.T.: 0.000 min  
Exp R.T.: 7.742 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



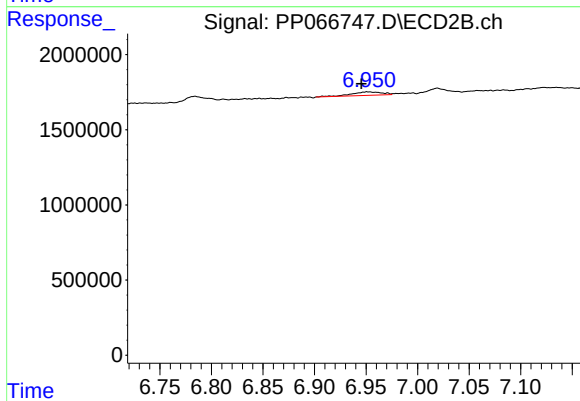
#32 AR-1260-2

R.T.: 6.784 min  
Delta R.T.: -0.003 min  
Response: 545379  
Conc: 8.00 ng/ml



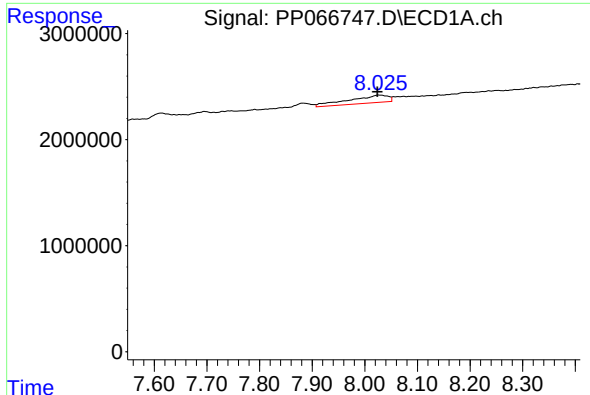
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 8.102 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

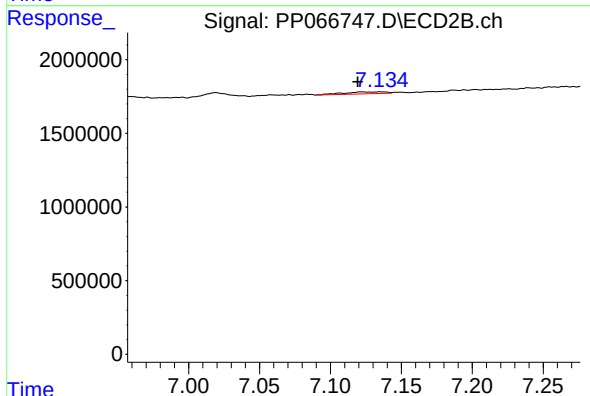
R.T.: 6.951 min  
Delta R.T.: 0.006 min  
Response: 475967  
Conc: 7.33 ng/ml



#36 AR-1262-1

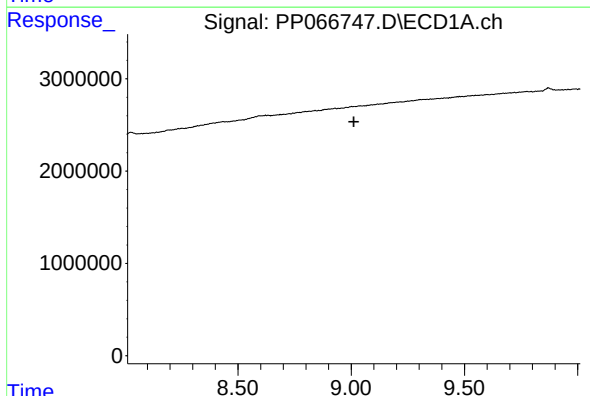
R.T.: 8.026 min  
Delta R.T.: 0.003 min  
Response: 3797032  
Conc: 84.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



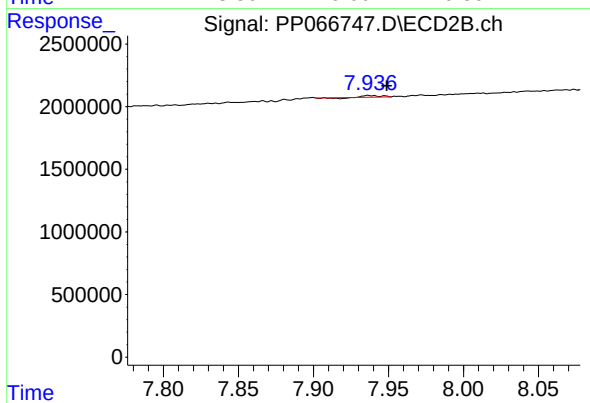
#36 AR-1262-1

R.T.: 7.135 min  
Delta R.T.: 0.016 min  
Response: 261222  
Conc: 8.17 ng/ml



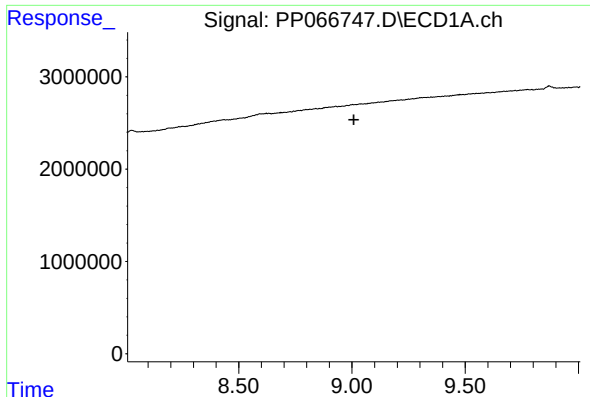
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 9.012 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

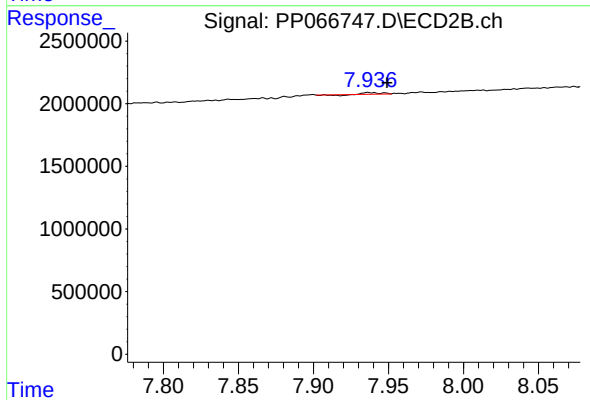
R.T.: 7.937 min  
Delta R.T.: -0.012 min  
Response: 69308  
Conc: 1.55 ng/ml



#41 AR-1268-1

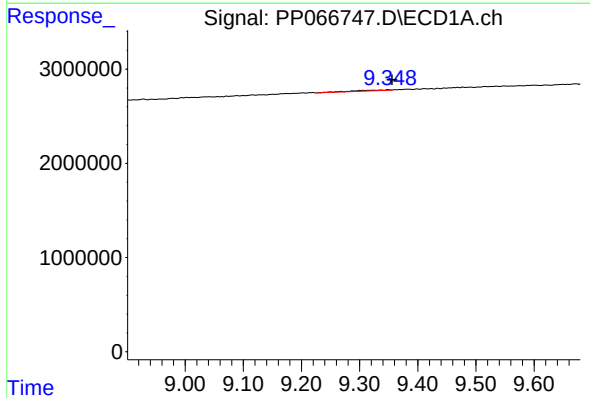
R.T.: 0.000 min  
Exp R.T.: 9.009 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



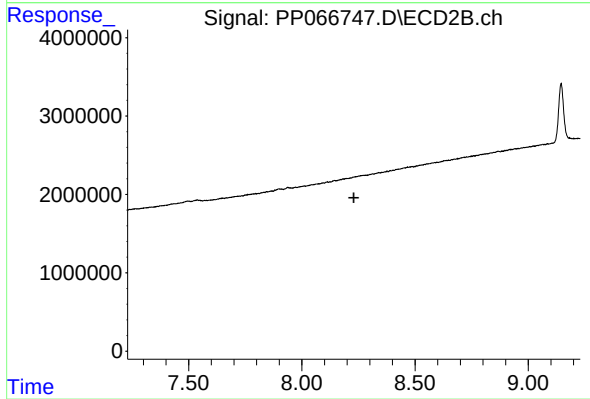
#41 AR-1268-1

R.T.: 7.937 min  
Delta R.T.: -0.012 min  
Response: 69308  
Conc: 0.55 ng/ml



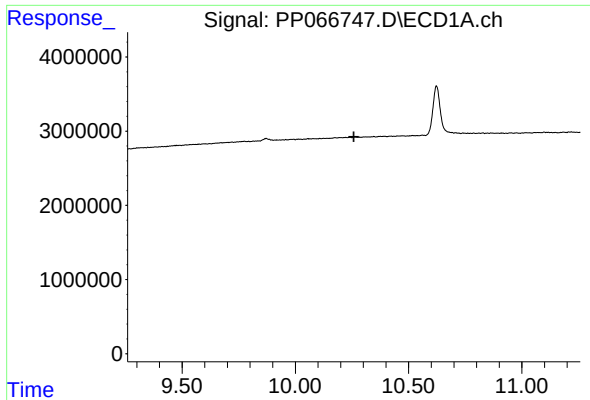
#43 AR-1268-3

R.T.: 9.349 min  
Delta R.T.: -0.006 min  
Response: 420172  
Conc: 4.23 ng/ml



#43 AR-1268-3

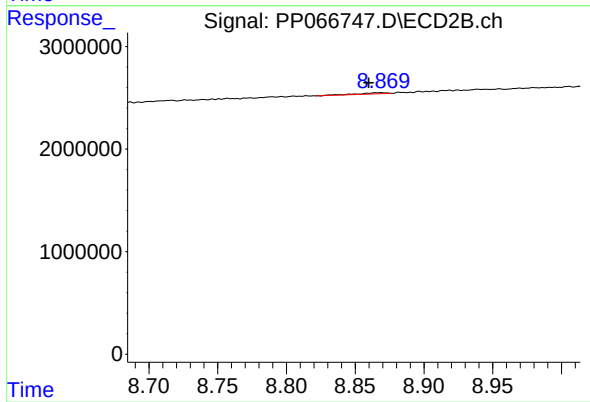
R.T.: 0.000 min  
Exp R.T.: 8.230 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.258 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-WATER-02-QT3-2024



#45 AR-1268-5

R.T.: 8.868 min  
Delta R.T.: 0.008 min  
Response: 162552  
Conc: 0.56 ng/ml