

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR040919\  
 Data File : PR037032.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Apr 2019 20:35  
 Operator : SM\SJ  
 Sample : K1560-07  
 Misc : AR1232 LOD 40PPB  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 03:51:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR040219.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 03 03:09:33 2019  
 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... | 4.420  | 3.514 | 25553778 | 108.5E6  | 16.040 | 18.527    |
| 2)                          | SA Decachlor... | 10.034 | 8.322 | 37143792 | 163.4E6  | 19.825 | 20.471    |
| Target Compounds            |                 |        |       |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.532 | 0        | 3466877  | N.D.   | 14.356 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.532 | 0        | 3466877  | N.D.   | 8.880 #   |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.716 | 0        | 3697263  | N.D.   | 18.955 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.756 | 0        | 1951038  | N.D.   | 12.848 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 4.961 | 0        | 2273000  | N.D.   | 10.937 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.791 | 0        | 2354662  | N.D.   | 52.069 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.861 | 0        | 4458972  | N.D.   | 29.618 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.861 | 0        | 4458972  | N.D.   | 47.161 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.532 | 0        | 3466877  | N.D.   | 29.025 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.716 | 0        | 3697263  | N.D.   | 64.349 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.796 | 0        | 1962855  | N.D.   | 39.680 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 4.961 | 0        | 2273000  | N.D.   | 39.660 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.532 | 0        | 3466877  | N.D.   | 30.340 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.532 | 0        | 3466877  | N.D.   | 18.229 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.716 | 0        | 3697263  | N.D.   | 38.669 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.796 | 0        | 1962855  | N.D.   | 21.740 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.301 | 0        | 3103362  | N.D.   | 22.479 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.532 | 0        | 3466877  | N.D.   | 35.699 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.756 | 0        | 1951038  | N.D.   | 14.448 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.796 | 0        | 1962855  | N.D.   | 14.104 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 4.961 | 0        | 2273000  | N.D.   | 12.888 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.340 | 0        | 2673677  | N.D.   | 13.753 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.301 | 0        | 3103362  | N.D.   | 9.436 #   |
| 28)                         | L6 AR-1254-3    | 0.000  | 5.837 | 0        | 197005   | N.D.   | 0.387 #   |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.501 | 0        | 73546296 | N.D.   | 144.654 # |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.563 | 0        | 4401166  | N.D.   | 16.056 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 7.836 | 0        | 51566899 | N.D.   | 128.379 # |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.529 | 0        | 4450927  | N.D.   | 4.576 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 7.836 | 0        | 51566899 | N.D.   | 118.712 # |
| -----                       |                 |        |       |          |          |        |           |

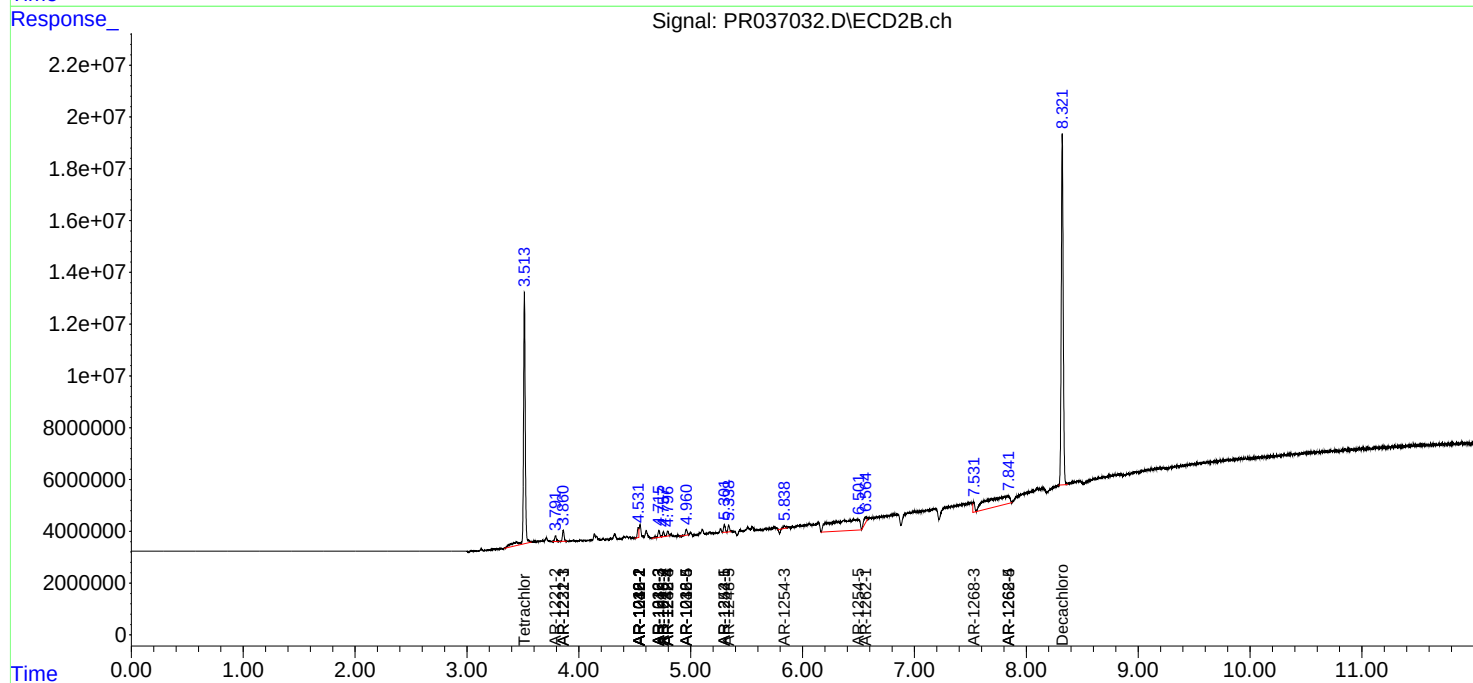
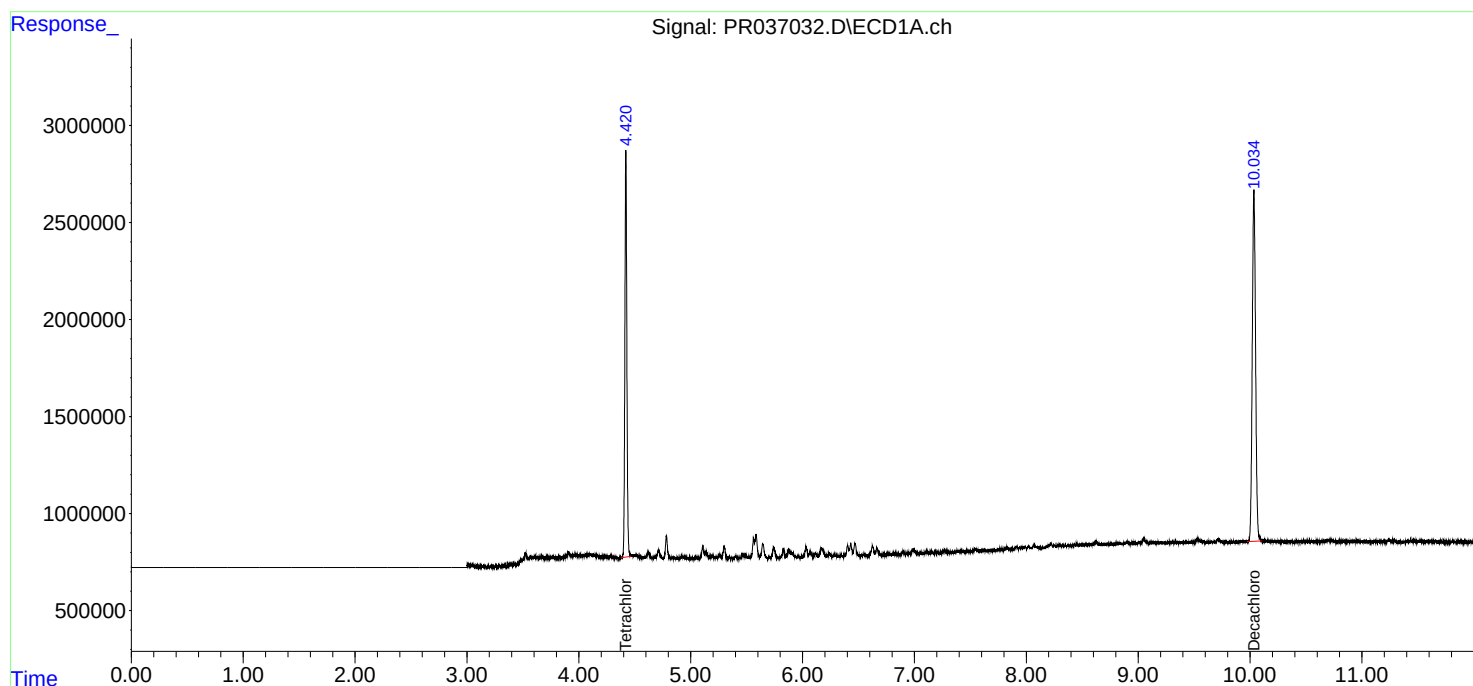
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

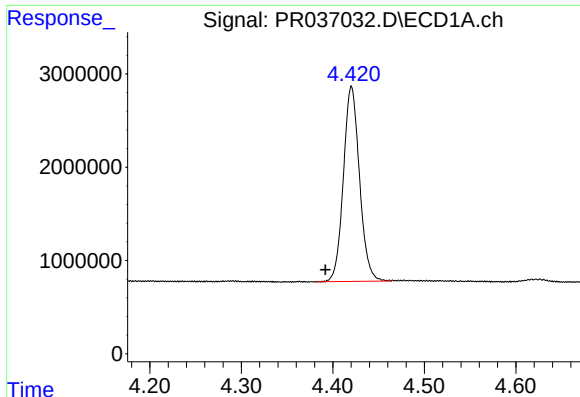
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR040919\  
Data File : PR037032.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Apr 2019 20:35  
Operator : SM\SJ  
Sample : K1560-07  
Misc : AR1232 LOD 40PPB  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 03:51:43 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR040219.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 03 03:09:33 2019  
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

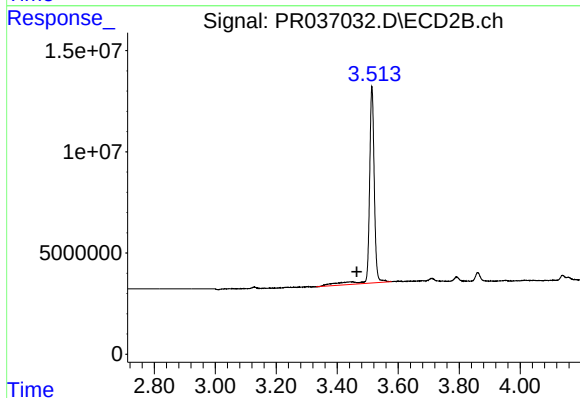




#1 Tetrachloro-m-xylene

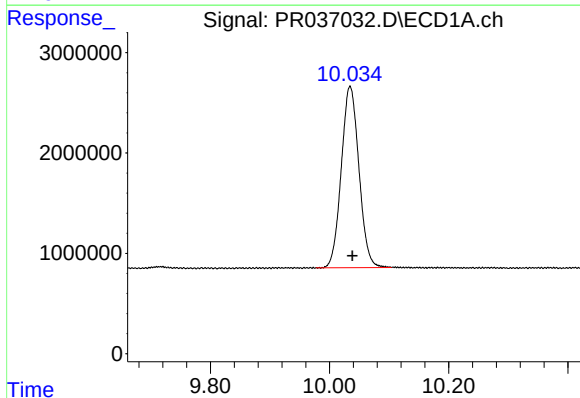
R.T.: 4.420 min  
Delta R.T.: 0.028 min  
Response: 25553778  
Conc: 16.04 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



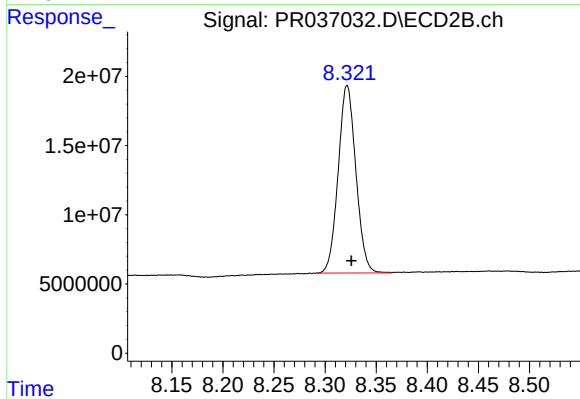
#1 Tetrachloro-m-xylene

R.T.: 3.514 min  
Delta R.T.: 0.050 min  
Response: 108528004  
Conc: 18.53 ng/ml



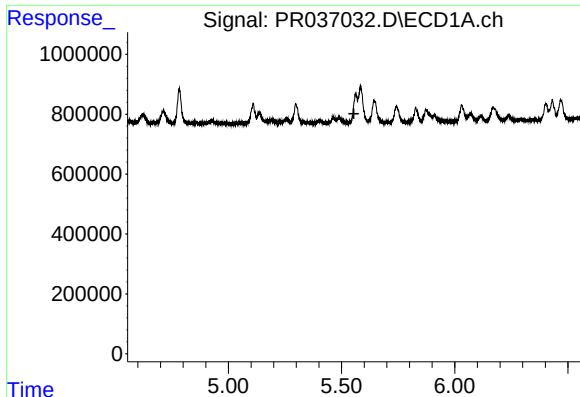
#2 Decachlorobiphenyl

R.T.: 10.034 min  
Delta R.T.: -0.004 min  
Response: 37143792  
Conc: 19.83 ng/ml



#2 Decachlorobiphenyl

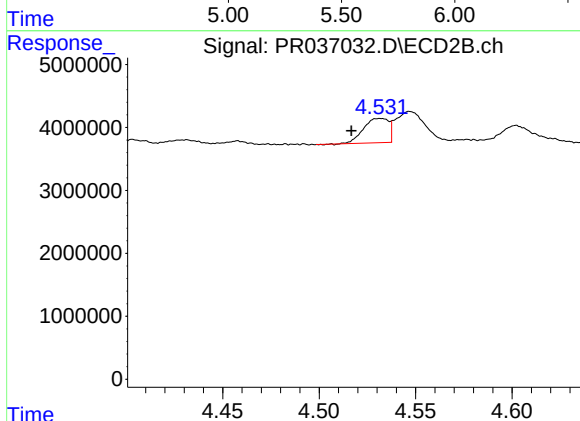
R.T.: 8.322 min  
Delta R.T.: -0.004 min  
Response: 163404100  
Conc: 20.47 ng/ml



#3 AR-1016-1

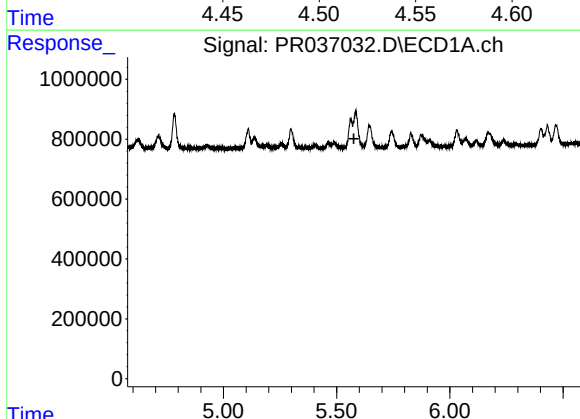
R.T.: 0.000 min  
Exp R.T.: 5.554 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



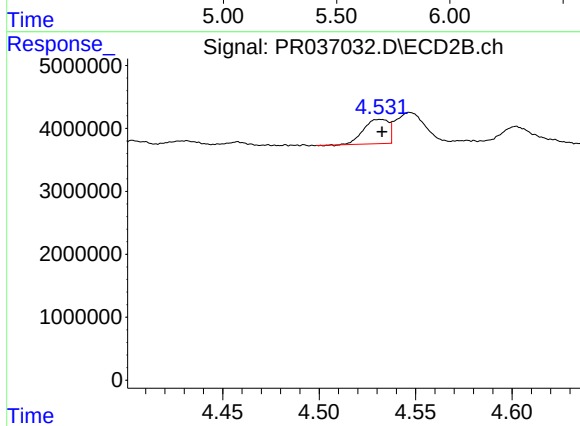
#3 AR-1016-1

R.T.: 4.532 min  
Delta R.T.: 0.015 min  
Response: 3466877  
Conc: 14.36 ng/ml



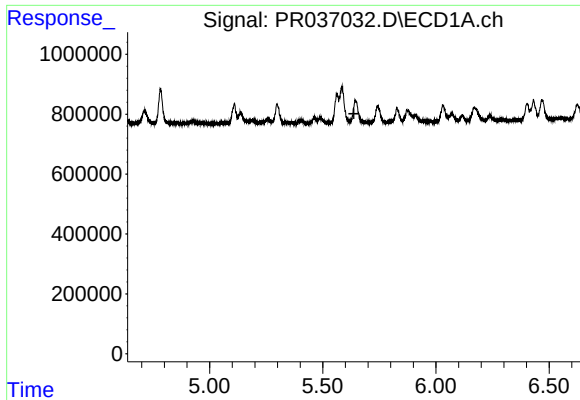
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.576 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

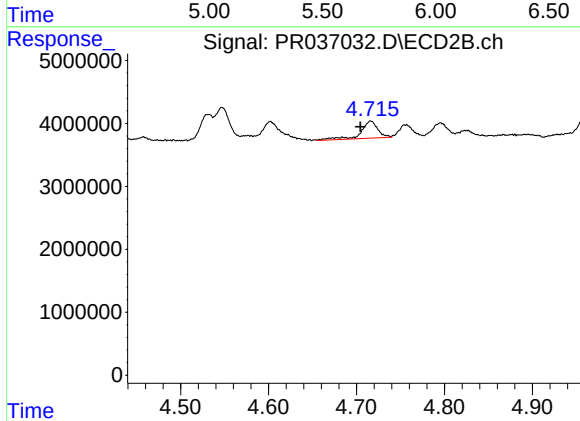
R.T.: 4.532 min  
Delta R.T.: 0.000 min  
Response: 3466877  
Conc: 8.88 ng/ml



#5 AR-1016-3

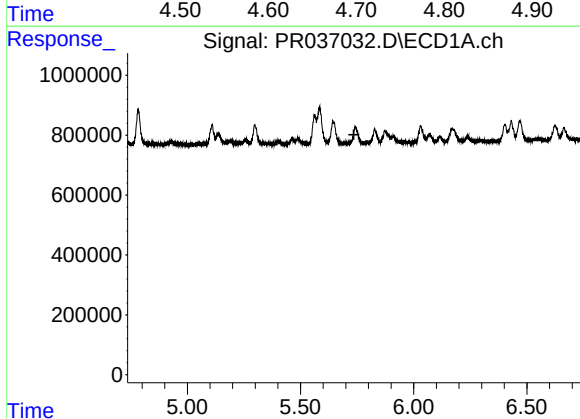
R.T.: 0.000 min  
Exp R.T.: 5.638 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



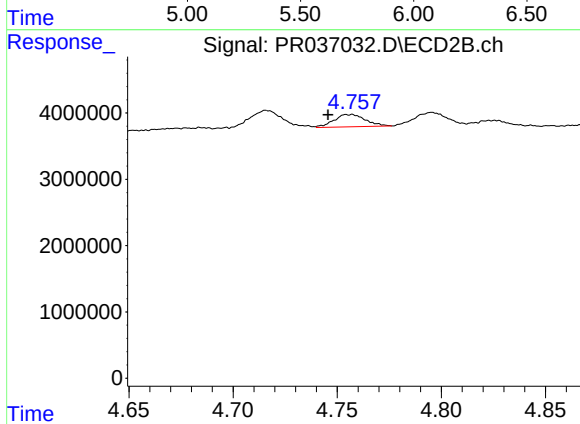
#5 AR-1016-3

R.T.: 4.716 min  
Delta R.T.: 0.012 min  
Response: 3697263  
Conc: 18.95 ng/ml



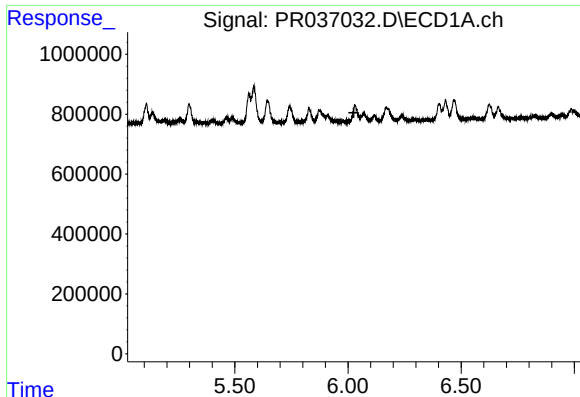
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.736 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

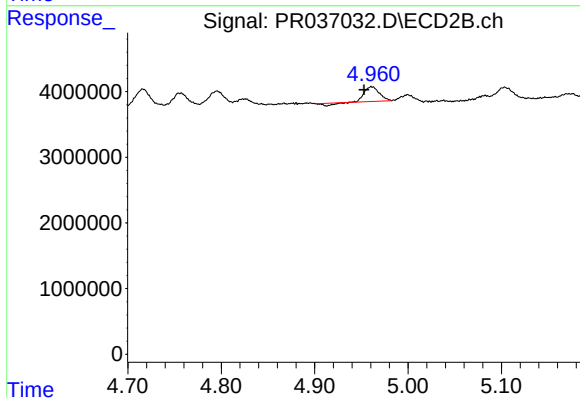
R.T.: 4.756 min  
Delta R.T.: 0.010 min  
Response: 1951038  
Conc: 12.85 ng/ml



#7 AR-1016-5

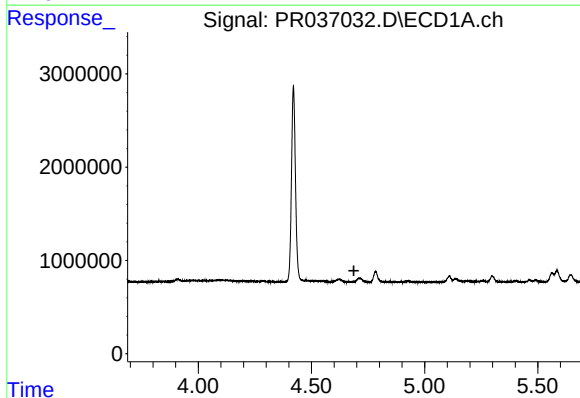
R.T.: 0.000 min  
Exp R.T.: 6.026 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



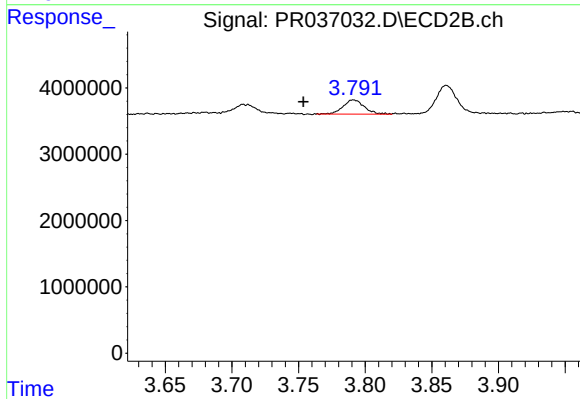
#7 AR-1016-5

R.T.: 4.961 min  
Delta R.T.: 0.008 min  
Response: 2273000  
Conc: 10.94 ng/ml



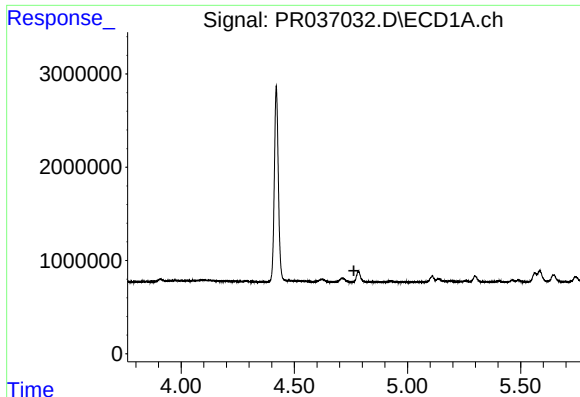
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.688 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

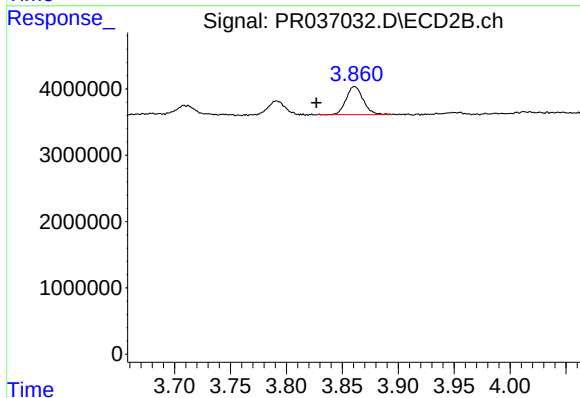
R.T.: 3.791 min  
Delta R.T.: 0.037 min  
Response: 2354662  
Conc: 52.07 ng/ml



#10 AR-1221-3

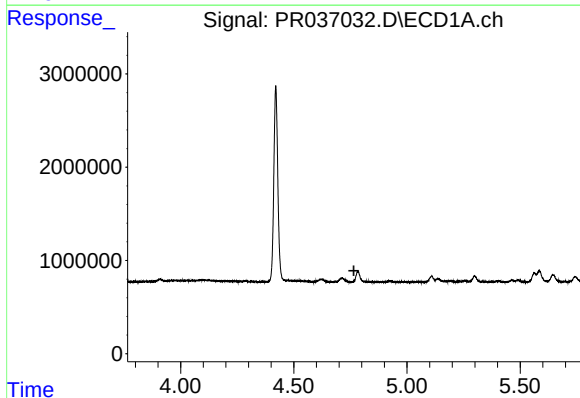
R.T.: 0.000 min  
Exp R.T. : 4.763 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



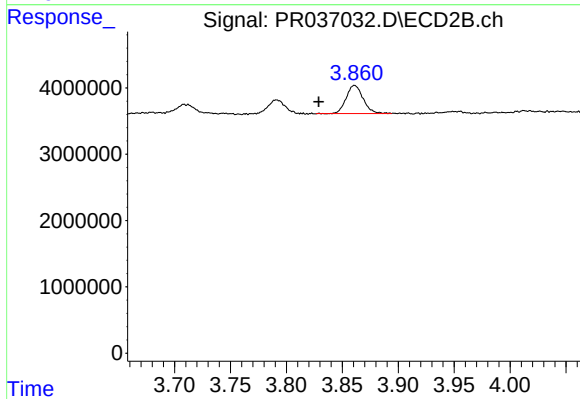
#10 AR-1221-3

R.T.: 3.861 min  
Delta R.T.: 0.034 min  
Response: 4458972  
Conc: 29.62 ng/ml



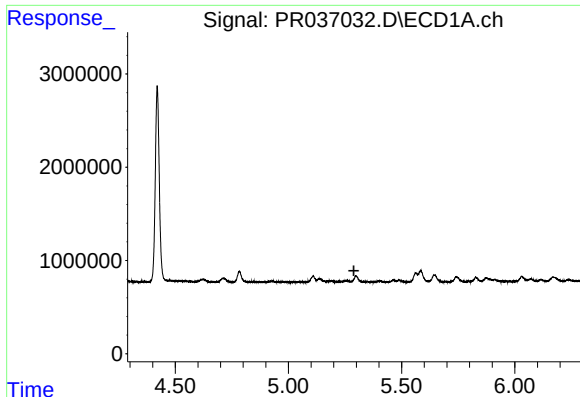
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.766 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

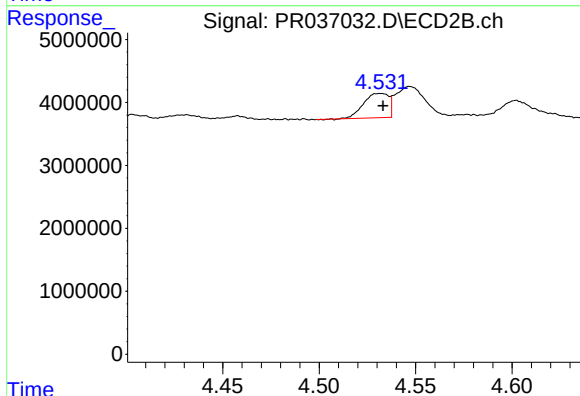
R.T.: 3.861 min  
Delta R.T.: 0.032 min  
Response: 4458972  
Conc: 47.16 ng/ml



#12 AR-1232-2

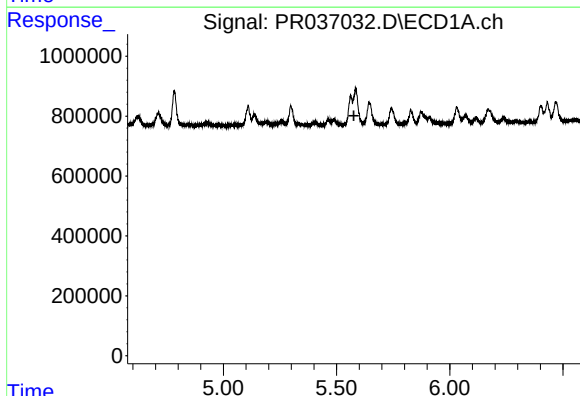
R.T.: 0.000 min  
Exp R.T.: 5.289 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



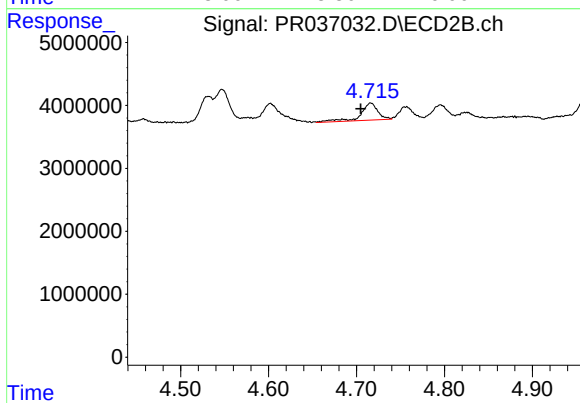
#12 AR-1232-2

R.T.: 4.532 min  
Delta R.T.: -0.002 min  
Response: 3466877  
Conc: 29.02 ng/ml



#13 AR-1232-3

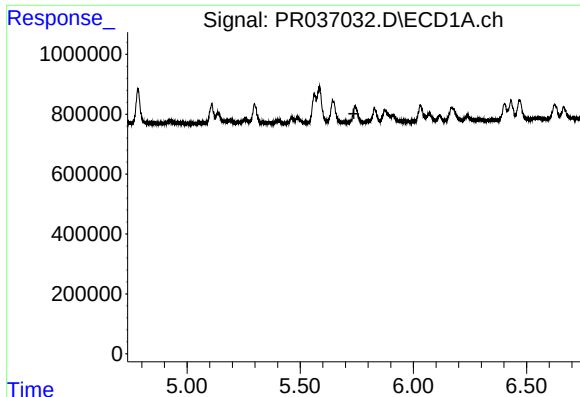
R.T.: 0.000 min  
Exp R.T.: 5.576 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

R.T.: 4.716 min  
Delta R.T.: 0.012 min  
Response: 3697263  
Conc: 64.35 ng/ml

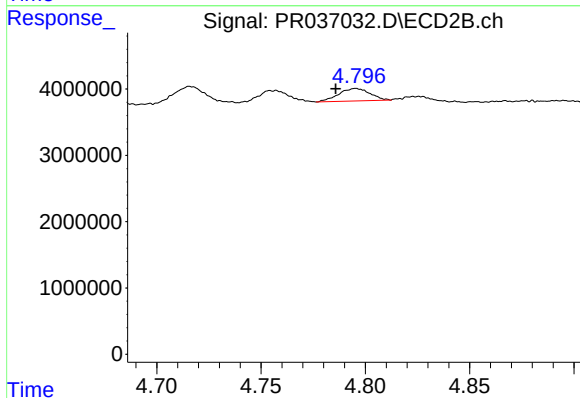




#14 AR-1232-4

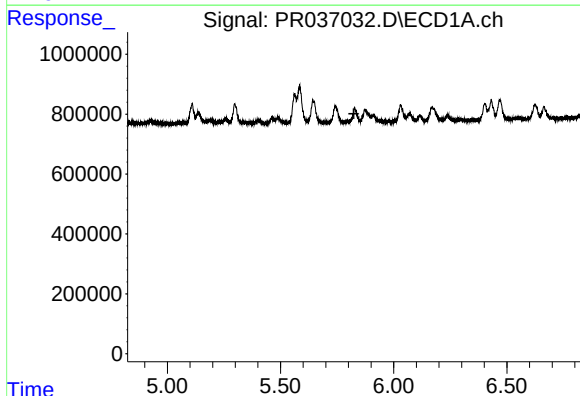
R.T.: 0.000 min  
Exp R.T.: 5.737 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



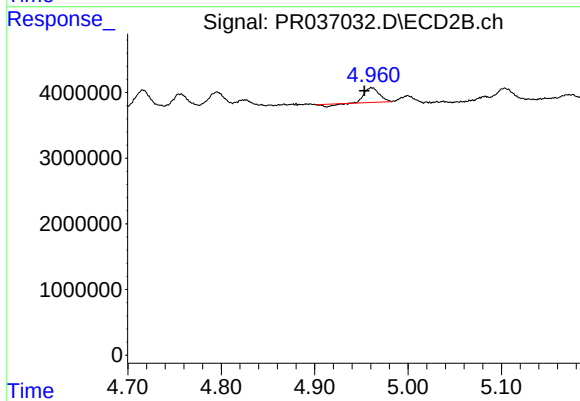
#14 AR-1232-4

R.T.: 4.796 min  
Delta R.T.: 0.010 min  
Response: 1962855  
Conc: 39.68 ng/ml



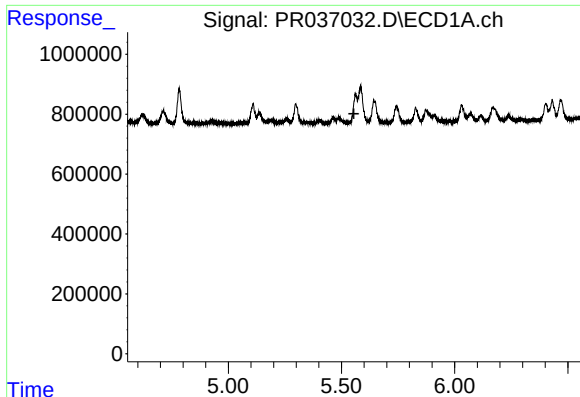
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 5.824 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

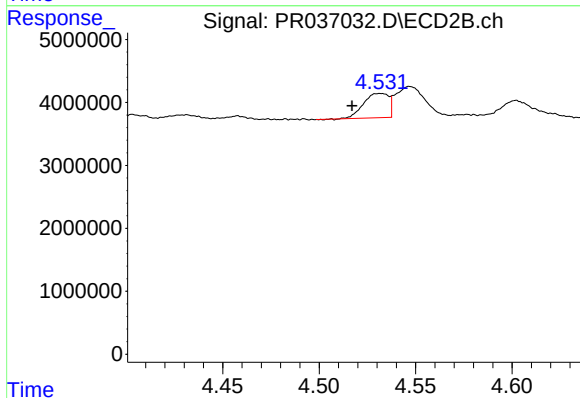
R.T.: 4.961 min  
Delta R.T.: 0.008 min  
Response: 2273000  
Conc: 39.66 ng/ml



#16 AR-1242-1

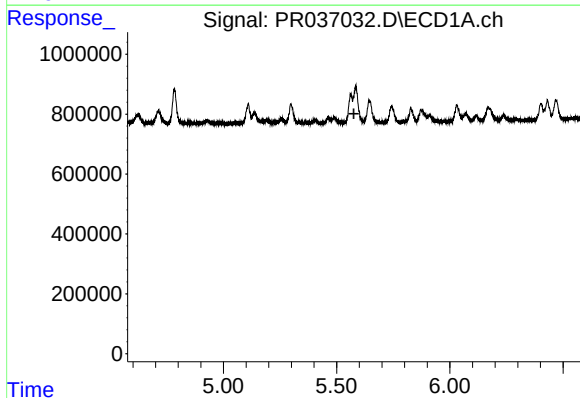
R.T.: 0.000 min  
Exp R.T.: 5.555 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



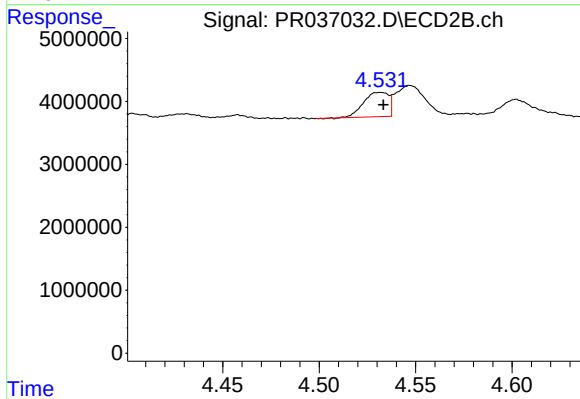
#16 AR-1242-1

R.T.: 4.532 min  
Delta R.T.: 0.015 min  
Response: 3466877  
Conc: 30.34 ng/ml



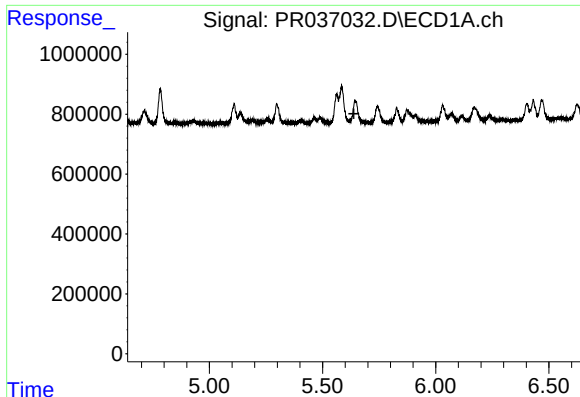
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 5.576 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

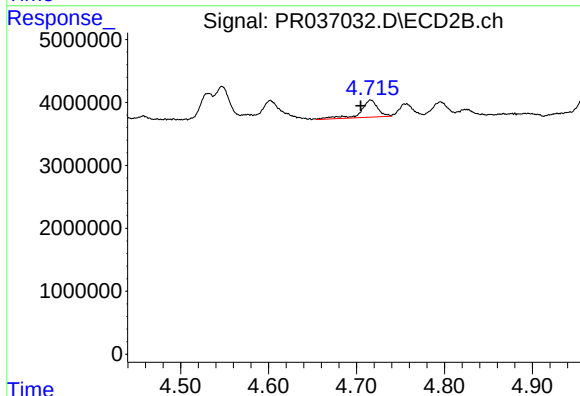
R.T.: 4.532 min  
Delta R.T.: -0.002 min  
Response: 3466877  
Conc: 18.23 ng/ml



#18 AR-1242-3

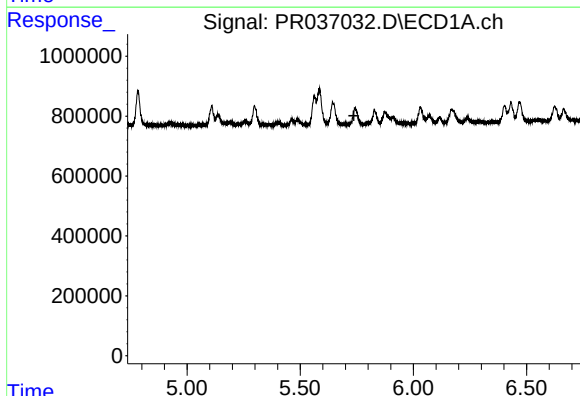
R.T.: 0.000 min  
Exp R.T.: 5.639 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



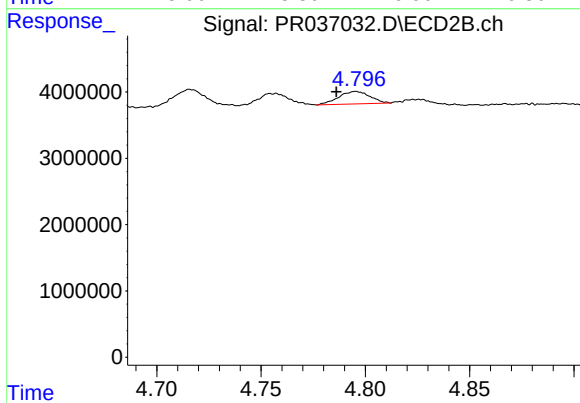
#18 AR-1242-3

R.T.: 4.716 min  
Delta R.T.: 0.012 min  
Response: 3697263  
Conc: 38.67 ng/ml



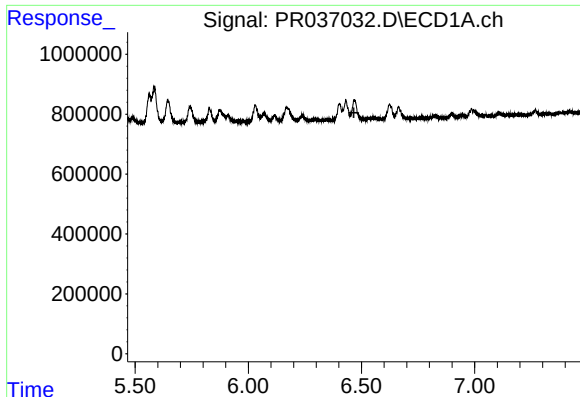
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.737 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

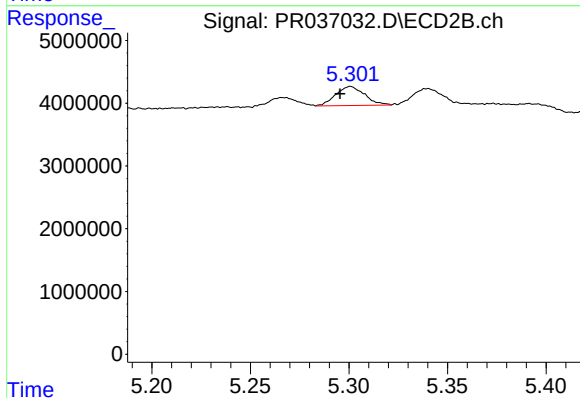
R.T.: 4.796 min  
Delta R.T.: 0.009 min  
Response: 1962855  
Conc: 21.74 ng/ml



#20 AR-1242-5

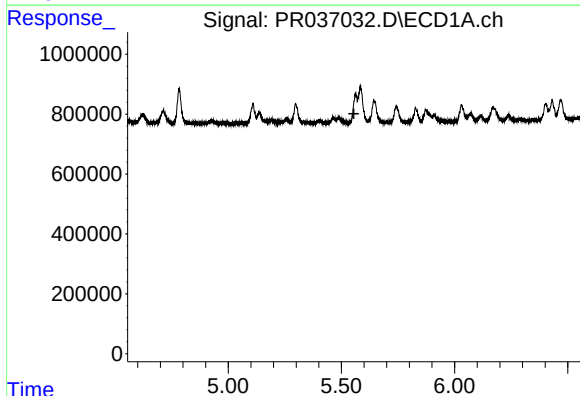
R.T.: 0.000 min  
Exp R.T.: 6.467 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



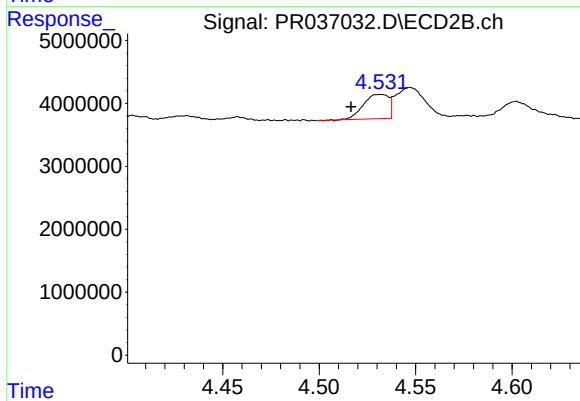
#20 AR-1242-5

R.T.: 5.301 min  
Delta R.T.: 0.005 min  
Response: 3103362  
Conc: 22.48 ng/ml



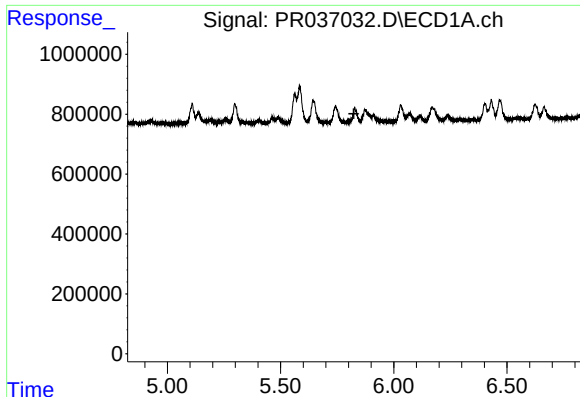
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 5.555 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

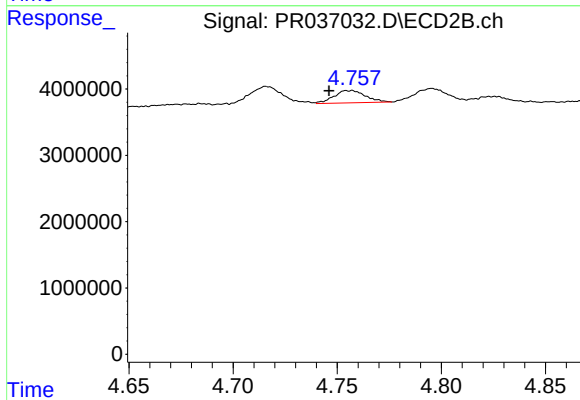
R.T.: 4.532 min  
Delta R.T.: 0.015 min  
Response: 3466877  
Conc: 35.70 ng/ml



#22 AR-1248-2

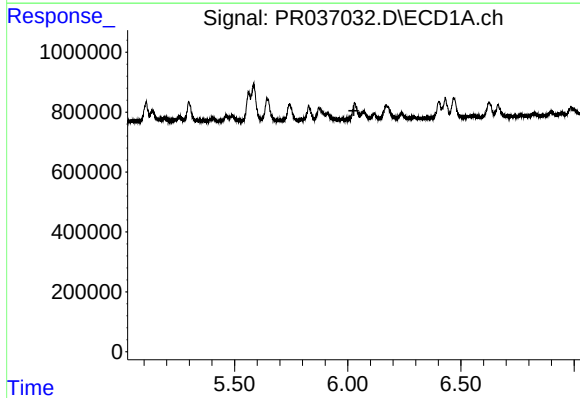
R.T.: 0.000 min  
Exp R.T.: 5.824 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



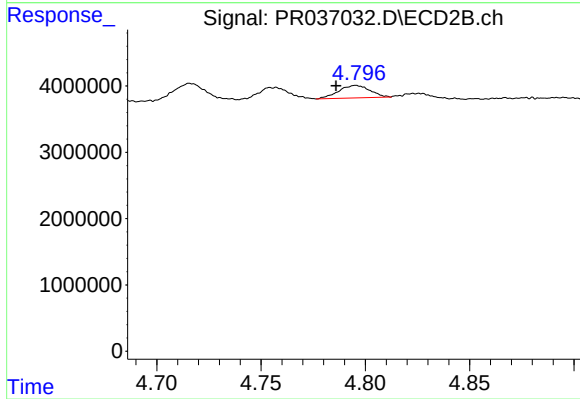
#22 AR-1248-2

R.T.: 4.756 min  
Delta R.T.: 0.010 min  
Response: 1951038  
Conc: 14.45 ng/ml



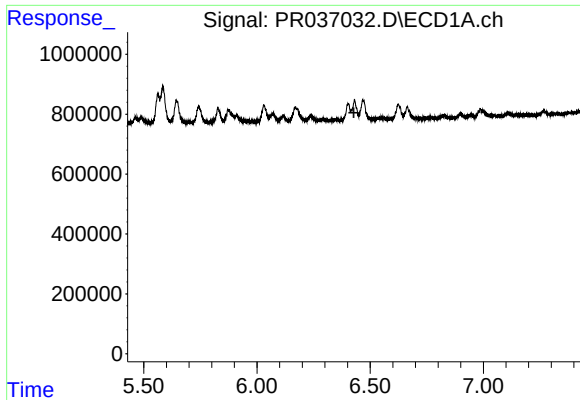
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.027 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

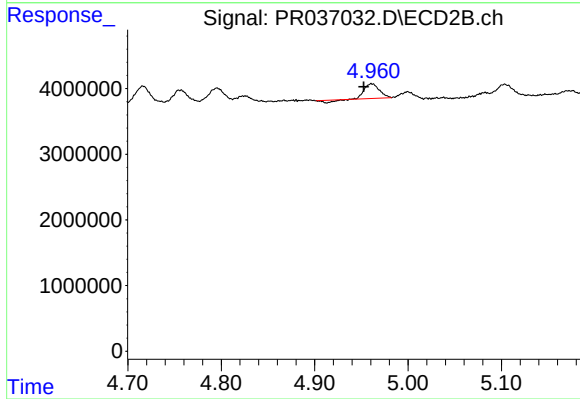
R.T.: 4.796 min  
Delta R.T.: 0.010 min  
Response: 1962855  
Conc: 14.10 ng/ml



#24 AR-1248-4

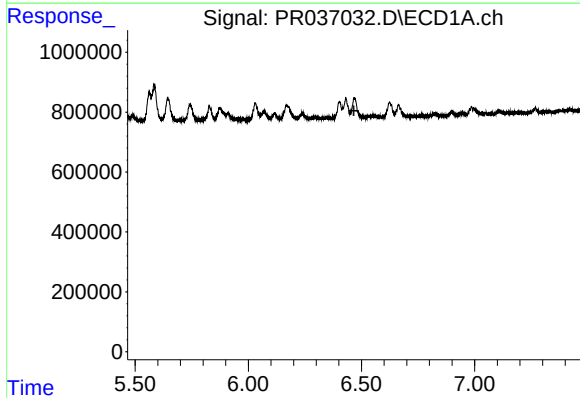
R.T.: 0.000 min  
Exp R.T.: 6.428 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



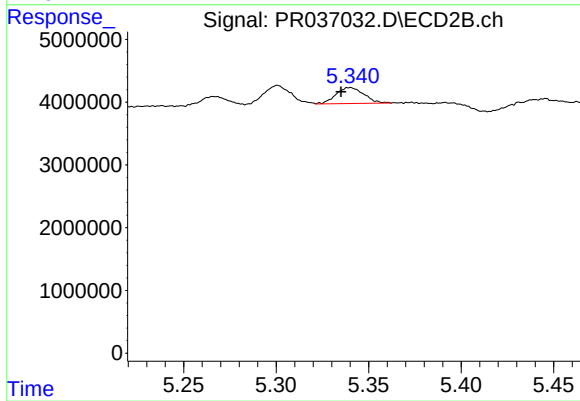
#24 AR-1248-4

R.T.: 4.961 min  
Delta R.T.: 0.009 min  
Response: 2273000  
Conc: 12.89 ng/ml



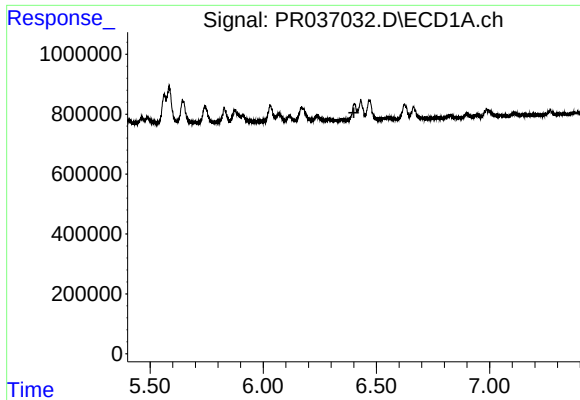
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.467 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

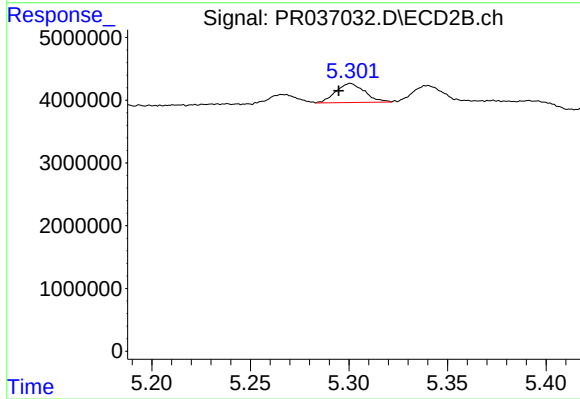
R.T.: 5.340 min  
Delta R.T.: 0.005 min  
Response: 2673677  
Conc: 13.75 ng/ml



#26 AR-1254-1

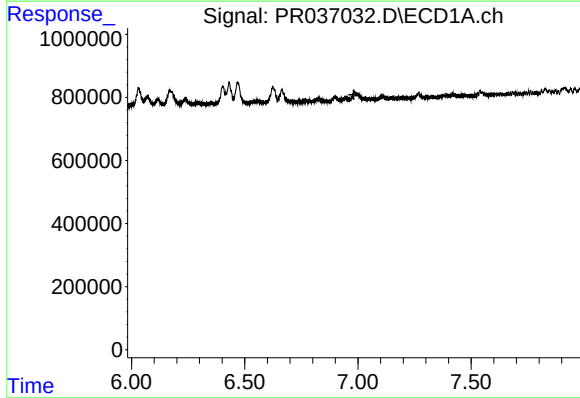
R.T.: 0.000 min  
Exp R.T.: 6.400 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



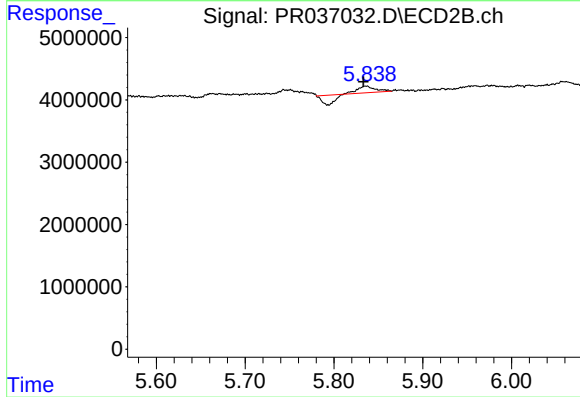
#26 AR-1254-1

R.T.: 5.301 min  
Delta R.T.: 0.006 min  
Response: 3103362  
Conc: 9.44 ng/ml



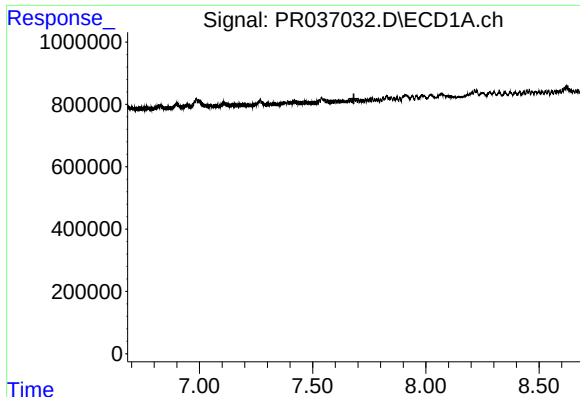
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 6.982 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

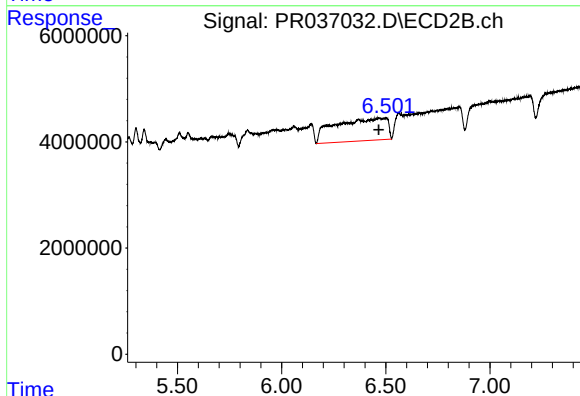
R.T.: 5.837 min  
Delta R.T.: 0.003 min  
Response: 197005  
Conc: 0.39 ng/ml



#30 AR-1254-5

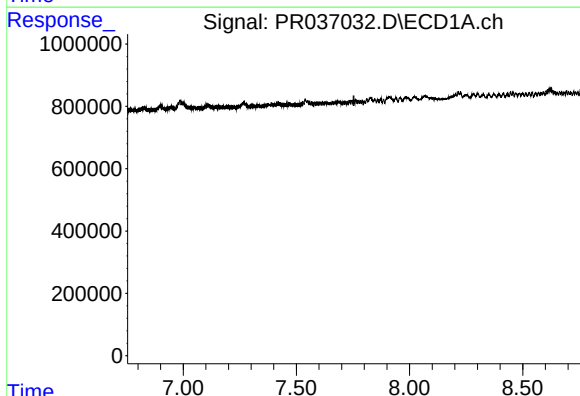
R.T.: 0.000 min  
Exp R.T.: 7.682 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



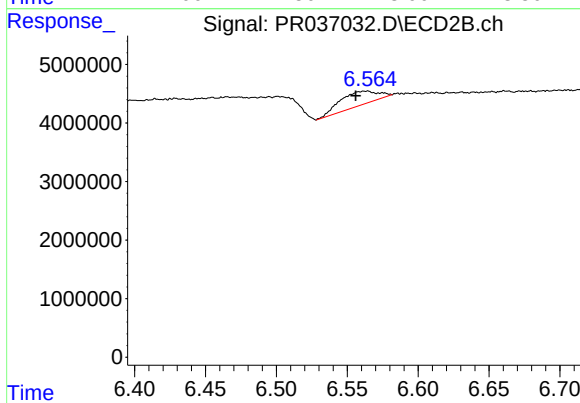
#30 AR-1254-5

R.T.: 6.501 min  
Delta R.T.: 0.034 min  
Response: 73546296  
Conc: 144.65 ng/ml



#36 AR-1262-1

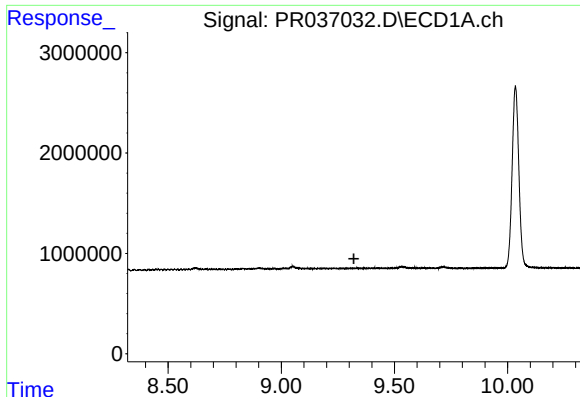
R.T.: 0.000 min  
Exp R.T.: 7.754 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

R.T.: 6.563 min  
Delta R.T.: 0.007 min  
Response: 4401166  
Conc: 16.06 ng/ml

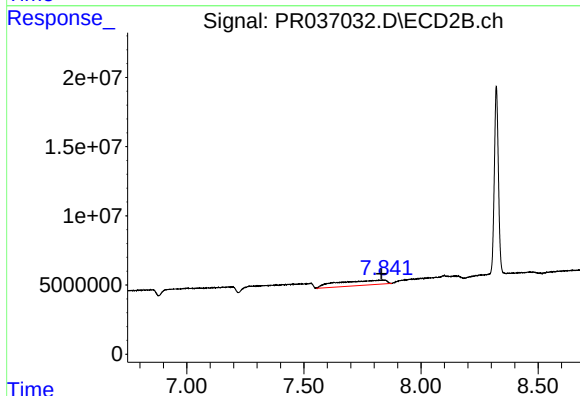




#40 AR-1262-5

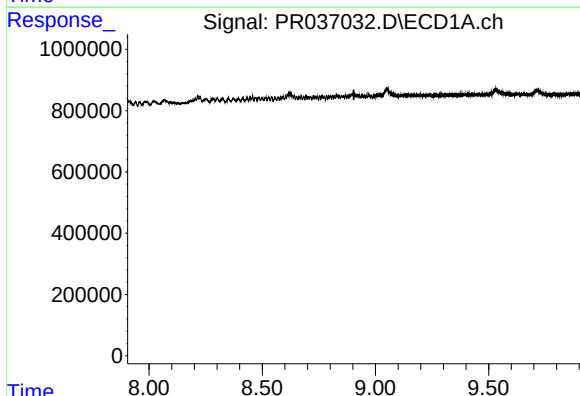
R.T.: 0.000 min  
Exp R.T.: 9.321 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



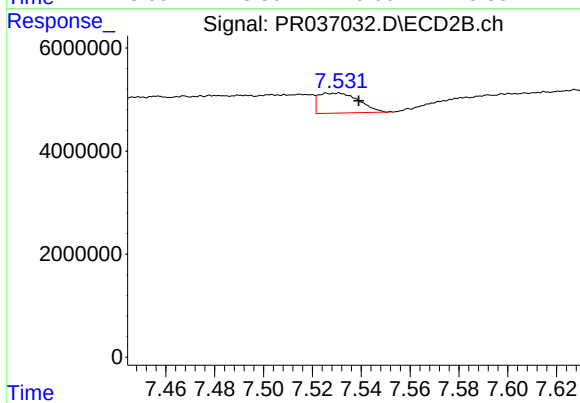
#40 AR-1262-5

R.T.: 7.836 min  
Delta R.T.: 0.005 min  
Response: 51566899  
Conc: 128.38 ng/ml



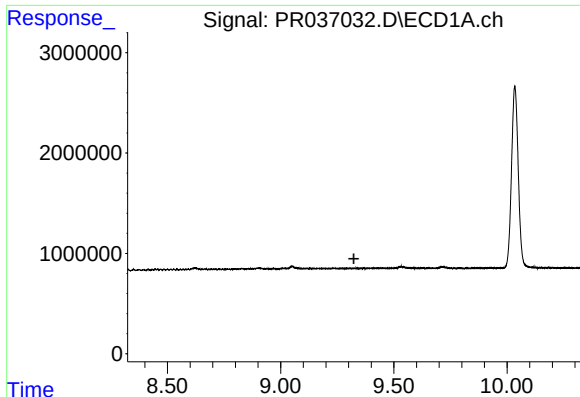
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 8.905 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

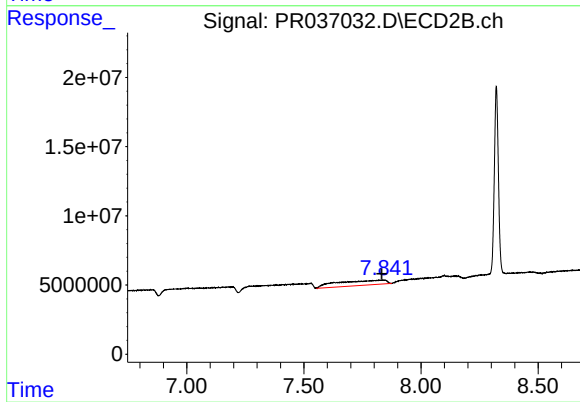
R.T.: 7.529 min  
Delta R.T.: -0.010 min  
Response: 4450927  
Conc: 4.58 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.323 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



#44 AR-1268-4

R.T.: 7.836 min  
Delta R.T.: 0.004 min  
Response: 51566899  
Conc: 118.71 ng/ml