

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR051519\  
 Data File : PR037955.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 May 2019 20:45  
 Operator : SM\MA  
 Sample : K2241-09  
 Misc : AR1268 MDL 25PPB  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 MDL-MDL-WATER-03-QT2-2019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 16 04:26:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR051119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sun May 12 00:51:44 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... | 3.791 | 4.640  | 31904236 | 93611521 | 17.704 | 18.563   |
| 2)                          | SA Decachlor... | 8.780 | 10.402 | 51987253 | 111.2E6  | 27.249 | 24.447   |
|                             |                 |       |        |          |          |        |          |
| Target Compounds            |                 |       |        |          |          |        |          |
| 7)                          | L1 AR-1016-5    | 5.314 | 0.000  | 1561920  | 0        | 25.183 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.087 | 0.000  | 632095   | 0        | 40.100 | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.087 | 0.000  | 632095   | 0        | 11.474 | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.314 | 0.000  | 1561920  | 0        | 44.470 | N.D. #   |
| 20)                         | L4 AR-1242-5    | 5.625 | 6.640  | 3796318  | 3632596  | 61.008 | 29.365 # |
| 24)                         | L5 AR-1248-4    | 5.314 | 6.640  | 1561920  | 3632596  | 19.383 | 16.620   |
| 25)                         | L5 AR-1248-5    | 5.683 | 6.640  | 1338248  | 3632596  | 15.749 | 17.451   |
| 26)                         | L6 AR-1254-1    | 5.625 | 6.640  | 3796318  | 3632596  | 25.644 | 15.083 # |
| 28)                         | L6 AR-1254-3    | 6.203 | 7.230  | 2901773  | 2899470  | 13.145 | 6.861 #  |
| 29)                         | L6 AR-1254-4    | 6.389 | 0.000  | 2494762  | 0        | 16.479 | N.D. #   |
| 30)                         | L6 AR-1254-5    | 6.882 | 0.000  | 1950125  | 0        | 9.953  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 6.362 | 7.385  | 6369612  | -1878132 | 53.076 | N.D. #   |
| 32)                         | L7 AR-1260-2    | 6.505 | 0.000  | 1879046  | 0        | 11.987 | N.D. #   |
| 33)                         | L7 AR-1260-3    | 0.000 | 7.987  | 0        | 3576741  | N.D.   | 16.382 # |
| 34)                         | L7 AR-1260-4    | 7.138 | 8.237  | 2469748  | 4583042  | 23.180 | 17.936   |
| 35)                         | L7 AR-1260-5    | 7.378 | 8.544  | 1362585  | 2024209  | 4.850  | 3.896    |
| 36)                         | L8 AR-1262-1    | 6.882 | 7.987  | 1950125  | 3576741  | 29.173 | 11.320 # |
| 37)                         | L8 AR-1262-2    | 7.378 | 8.544  | 1362585  | 2024209  | 4.172  | 3.249    |
| 38)                         | L8 AR-1262-3    | 7.663 | 8.864  | 12118713 | 19031589 | 96.739 | 45.406 # |
| 39)                         | L8 AR-1262-4    | 7.727 | 8.961  | 14311027 | 17398066 | 61.548 | 54.522   |
| 40)                         | L8 AR-1262-5    | 8.223 | 9.631  | 3413236  | 6567011  | 31.816 | 26.374   |
| 41)                         | L9 AR-1268-1    | 7.663 | 8.864  | 12118713 | 19031589 | 27.813 | 18.995 # |
| 42)                         | L9 AR-1268-2    | 7.727 | 8.961  | 14311027 | 17398066 | 36.390 | 19.246 # |
| 43)                         | L9 AR-1268-3    | 7.935 | 9.195  | 8543132  | 15082218 | 26.558 | 19.310 # |
| 44)                         | L9 AR-1268-4    | 8.223 | 9.631  | 3413236  | 6567011  | 26.605 | 19.314 # |
| 45)                         | L9 AR-1268-5    | 8.520 | 10.055 | 22162643 | 46157418 | 23.781 | 18.086   |
| -----                       |                 |       |        |          |          |        |          |

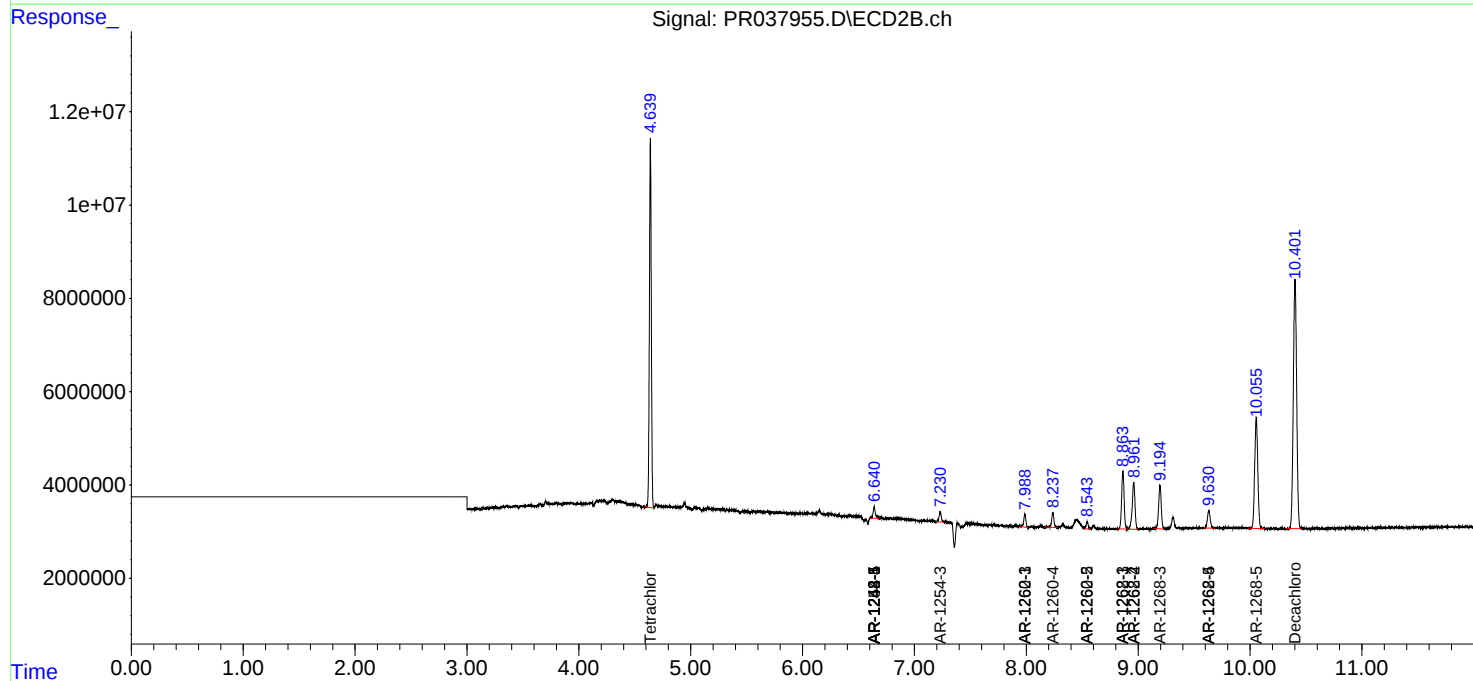
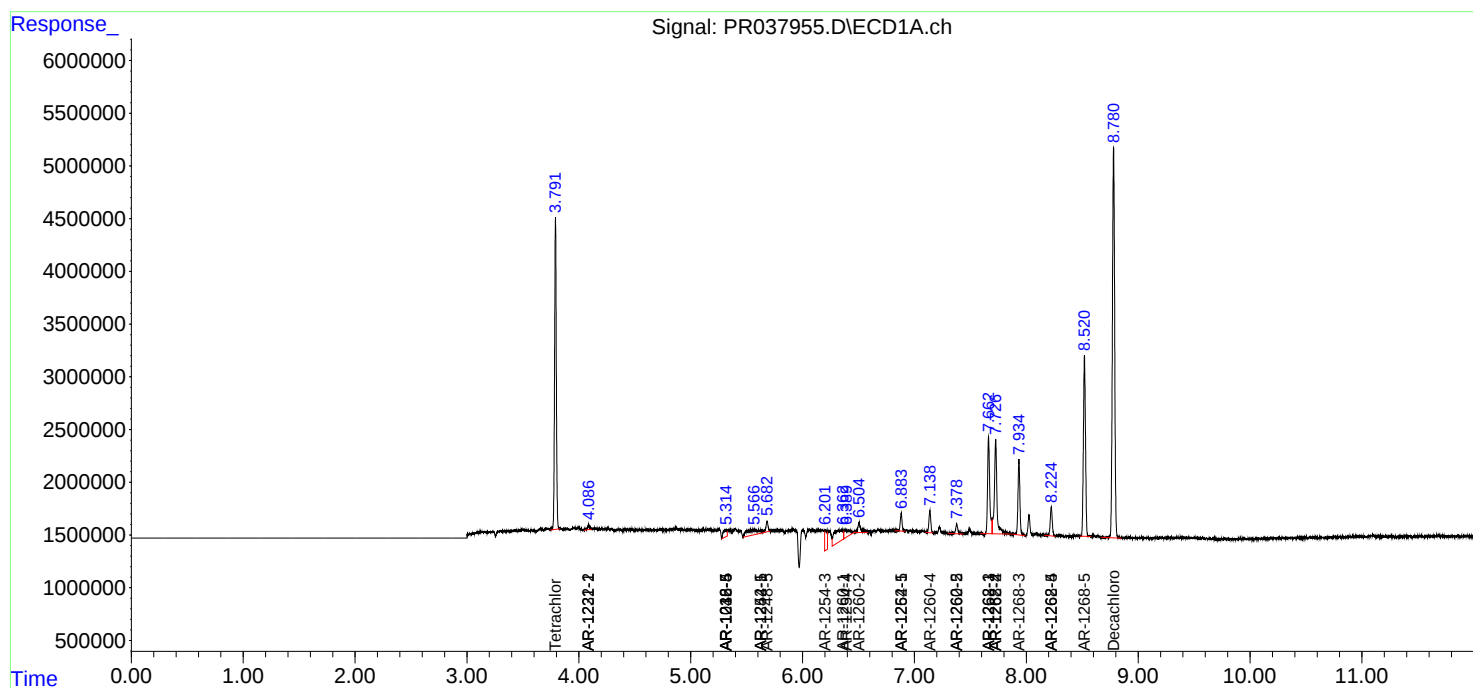
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

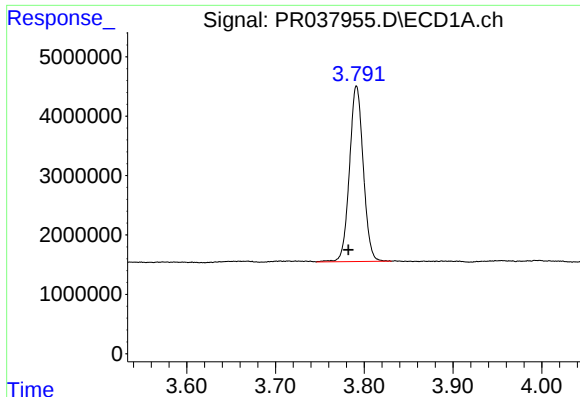
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR051519\  
Data File : PR037955.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 May 2019 20:45  
Operator : SM\MA  
Sample : K2241-09  
Misc : AR1268 MDL 25PPB  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 16 04:26:45 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR051119.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sun May 12 00:51:44 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

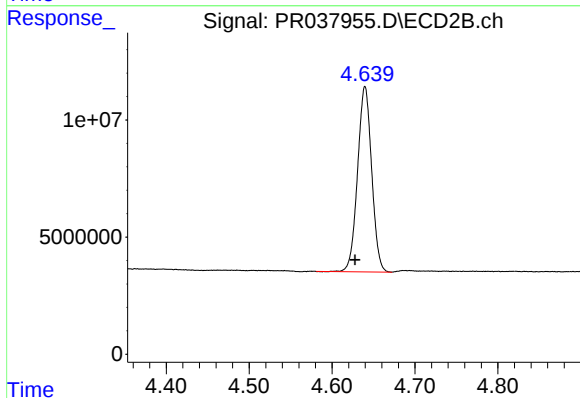




#1 Tetrachloro-m-xylene

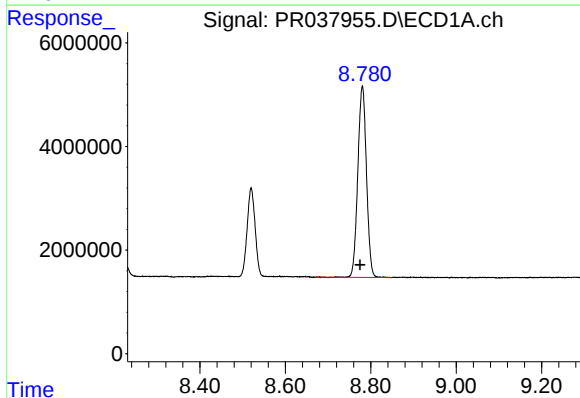
R.T.: 3.791 min  
Delta R.T.: 0.009 min  
Response: 31904236  
Conc: 17.70 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



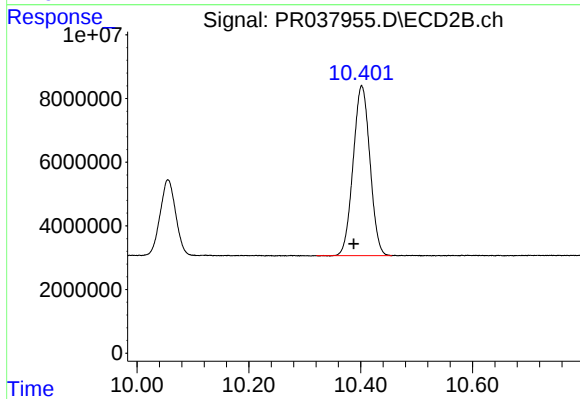
#1 Tetrachloro-m-xylene

R.T.: 4.640 min  
Delta R.T.: 0.012 min  
Response: 93611521  
Conc: 18.56 ng/ml



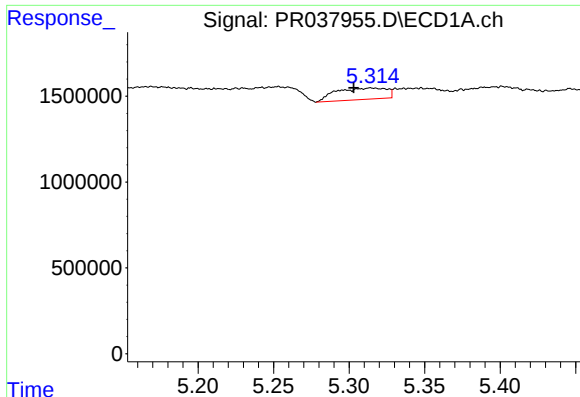
#2 Decachlorobiphenyl

R.T.: 8.780 min  
Delta R.T.: 0.005 min  
Response: 51987253  
Conc: 27.25 ng/ml



#2 Decachlorobiphenyl

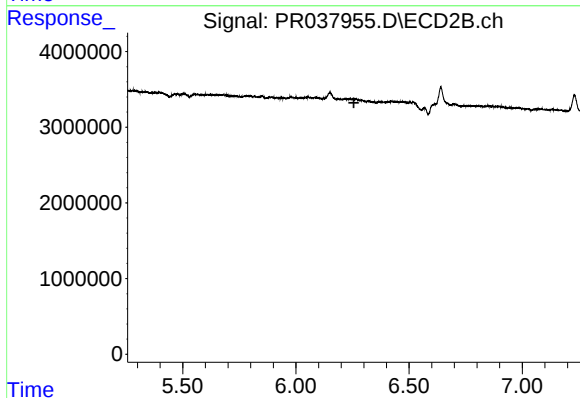
R.T.: 10.402 min  
Delta R.T.: 0.014 min  
Response: 111185530  
Conc: 24.45 ng/ml



#7 AR-1016-5

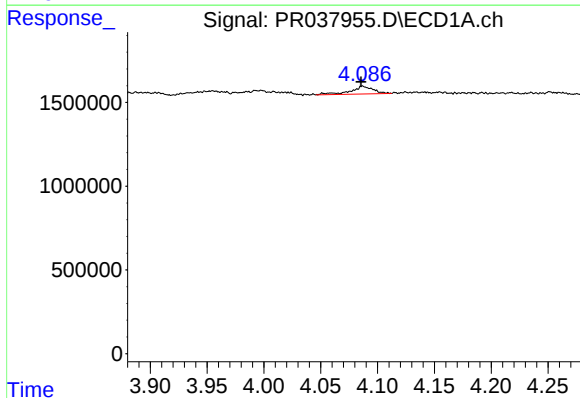
R.T.: 5.314 min  
Delta R.T.: 0.011 min  
Response: 1561920  
Conc: 25.18 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



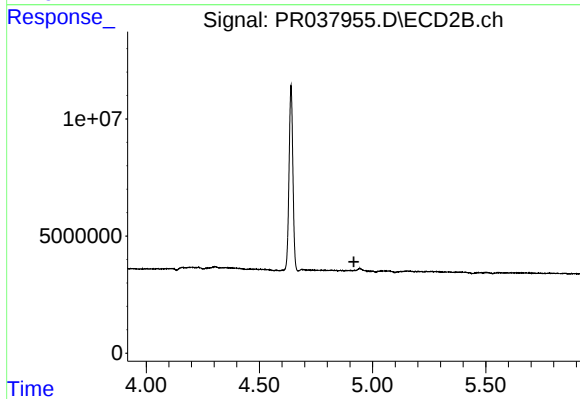
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.256 min  
Response: 0  
Conc: N.D.



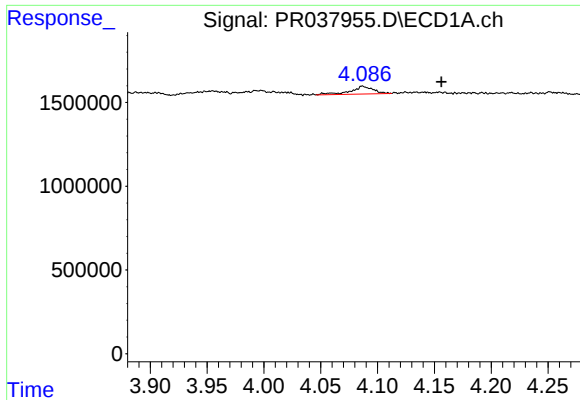
#9 AR-1221-2

R.T.: 4.087 min  
Delta R.T.: 0.001 min  
Response: 632095  
Conc: 40.10 ng/ml



#9 AR-1221-2

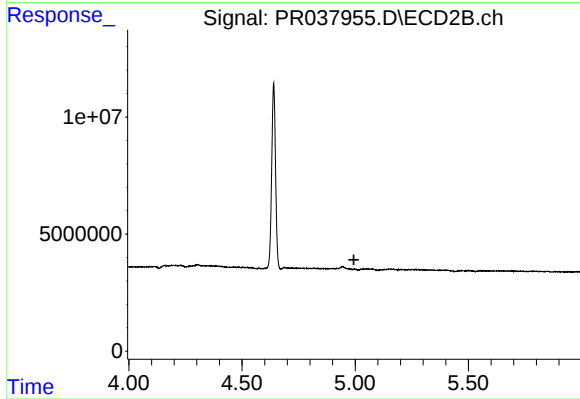
R.T.: 0.000 min  
Exp R.T. : 4.917 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

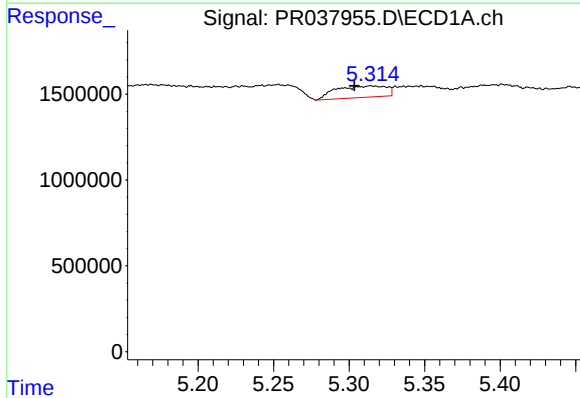
R.T.: 4.087 min  
Delta R.T.: -0.069 min  
Response: 632095  
Conc: 11.47 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



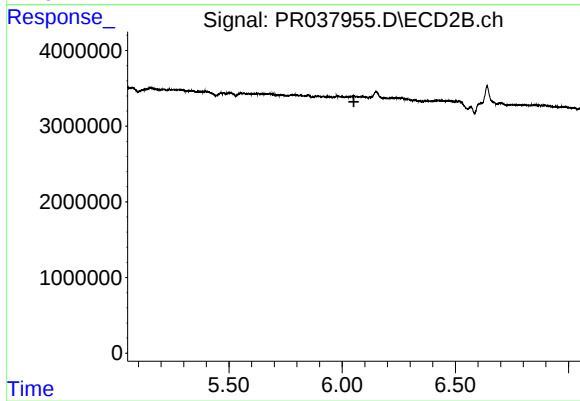
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.994 min  
Response: 0  
Conc: N.D.



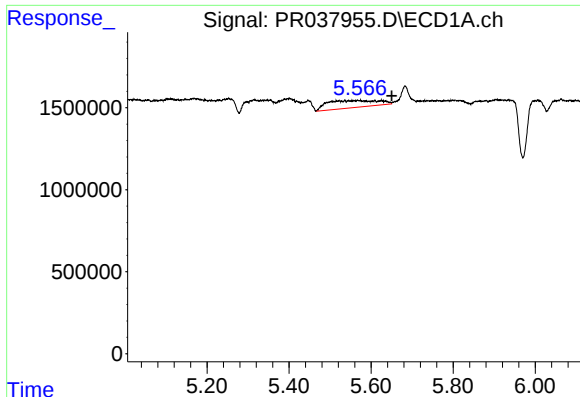
#15 AR-1232-5

R.T.: 5.314 min  
Delta R.T.: 0.011 min  
Response: 1561920  
Conc: 44.47 ng/ml



#15 AR-1232-5

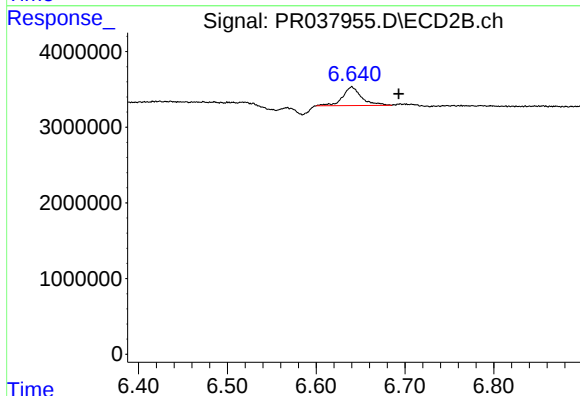
R.T.: 0.000 min  
Exp R.T. : 6.052 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

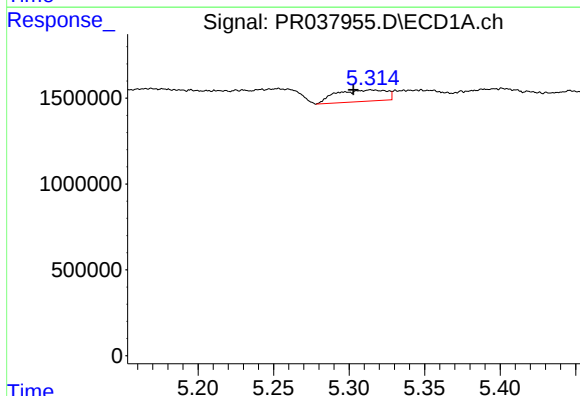
R.T.: 5.625 min  
Delta R.T.: -0.026 min  
Response: 3796318  
Conc: 61.01 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



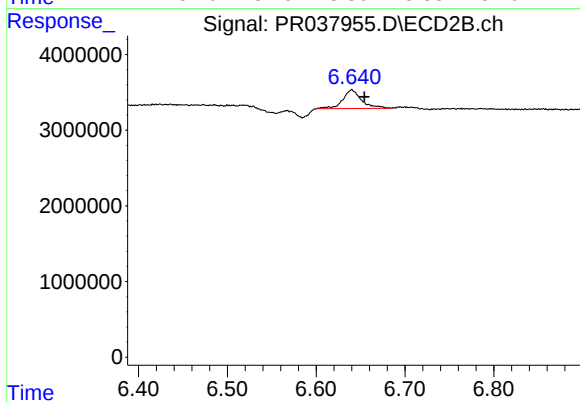
#20 AR-1242-5

R.T.: 6.640 min  
Delta R.T.: -0.053 min  
Response: 3632596  
Conc: 29.37 ng/ml



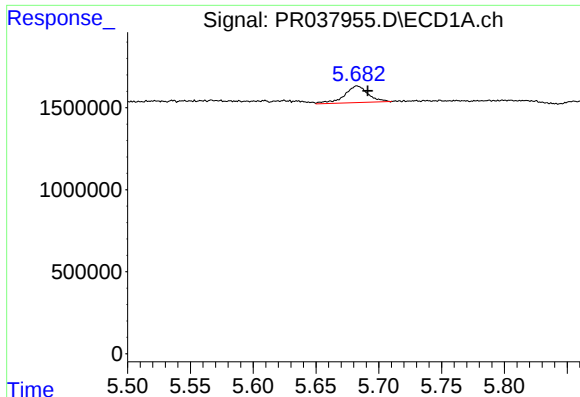
#24 AR-1248-4

R.T.: 5.314 min  
Delta R.T.: 0.011 min  
Response: 1561920  
Conc: 19.38 ng/ml



#24 AR-1248-4

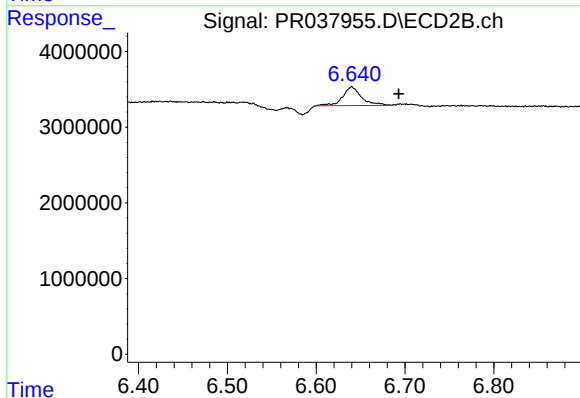
R.T.: 6.640 min  
Delta R.T.: -0.014 min  
Response: 3632596  
Conc: 16.62 ng/ml



#25 AR-1248-5

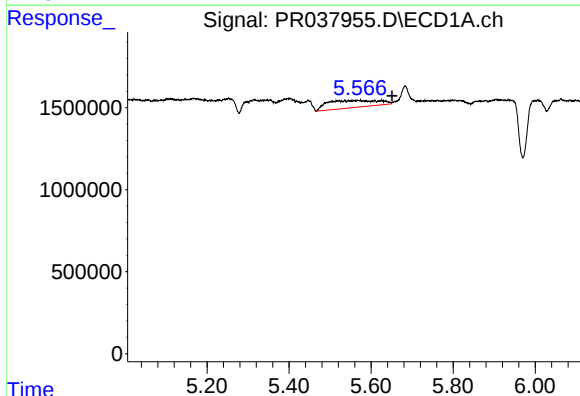
R.T.: 5.683 min  
Delta R.T.: -0.008 min  
Response: 1338248  
Conc: 15.75 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



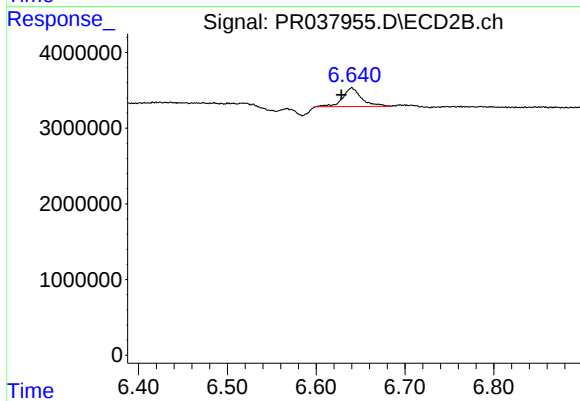
#25 AR-1248-5

R.T.: 6.640 min  
Delta R.T.: -0.053 min  
Response: 3632596  
Conc: 17.45 ng/ml



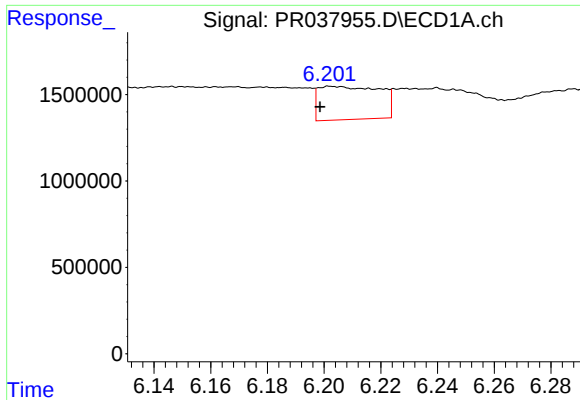
#26 AR-1254-1

R.T.: 5.625 min  
Delta R.T.: -0.027 min  
Response: 3796318  
Conc: 25.64 ng/ml



#26 AR-1254-1

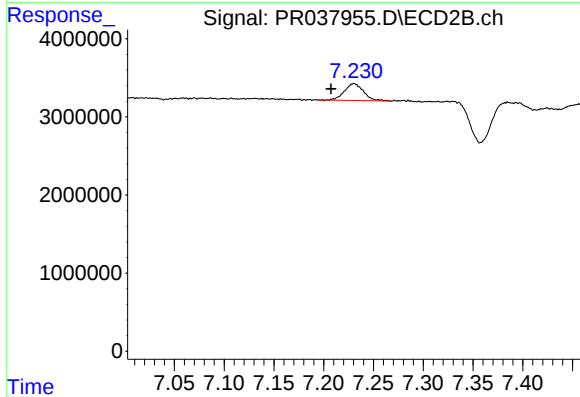
R.T.: 6.640 min  
Delta R.T.: 0.012 min  
Response: 3632596  
Conc: 15.08 ng/ml



#28 AR-1254-3

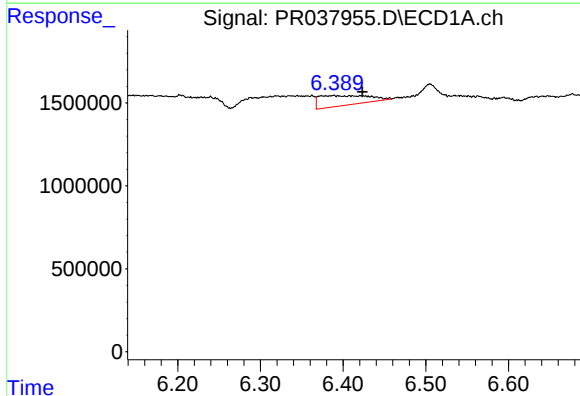
R.T.: 6.203 min  
Delta R.T.: 0.004 min  
Response: 2901773  
Conc: 13.15 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



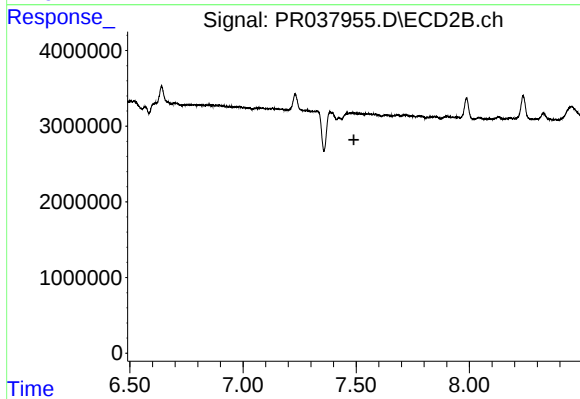
#28 AR-1254-3

R.T.: 7.230 min  
Delta R.T.: 0.023 min  
Response: 2899470  
Conc: 6.86 ng/ml



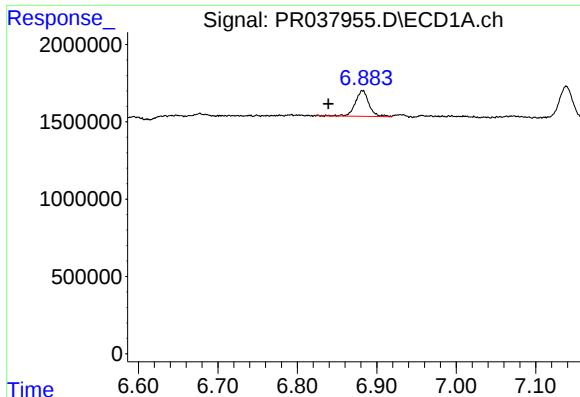
#29 AR-1254-4

R.T.: 6.389 min  
Delta R.T.: -0.035 min  
Response: 2494762  
Conc: 16.48 ng/ml



#29 AR-1254-4

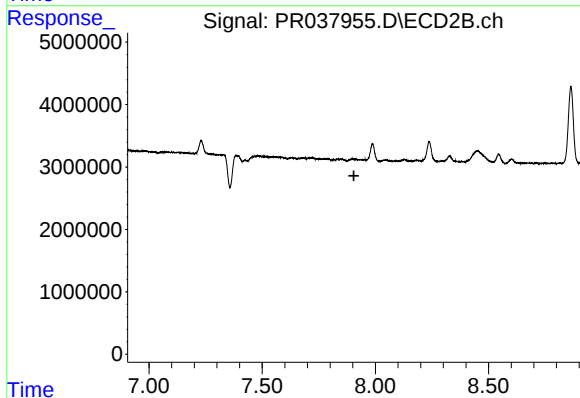
R.T.: 0.000 min  
Exp R.T.: 7.490 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

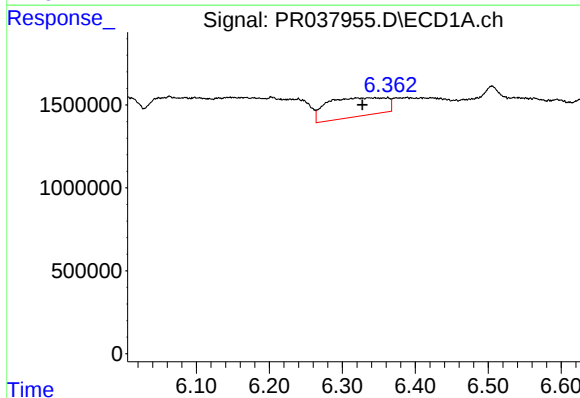
R.T.: 6.882 min  
Delta R.T.: 0.043 min  
Response: 1950125  
Conc: 9.95 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



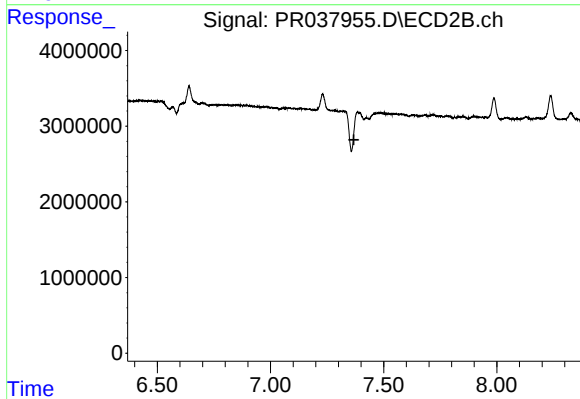
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.905 min  
Response: 0  
Conc: N.D.



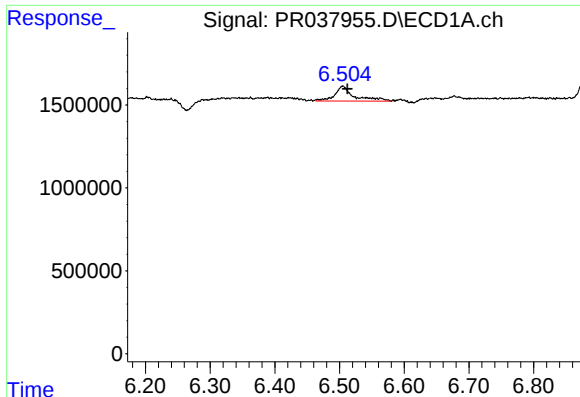
#31 AR-1260-1

R.T.: 6.362 min  
Delta R.T.: 0.035 min  
Response: 6369612  
Conc: 53.08 ng/ml



#31 AR-1260-1

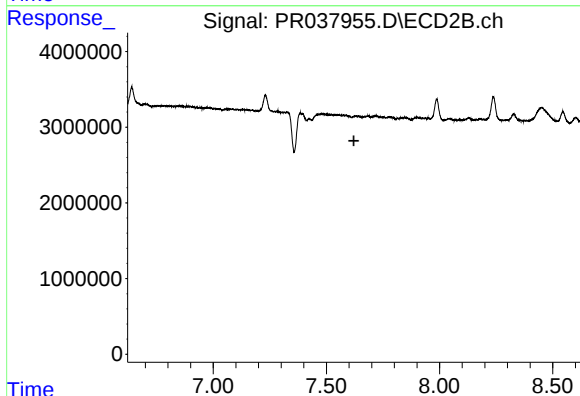
R.T.: 7.385 min  
Delta R.T.: 0.016 min  
Response: -1878132  
Conc: N.D.



#32 AR-1260-2

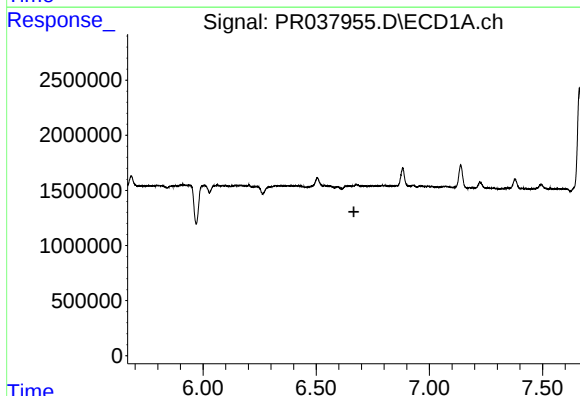
R.T.: 6.505 min  
Delta R.T.: -0.007 min  
Response: 1879046  
Conc: 11.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



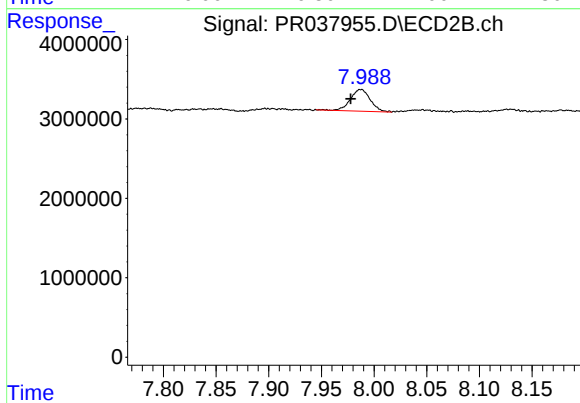
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 7.622 min  
Response: 0  
Conc: N.D.



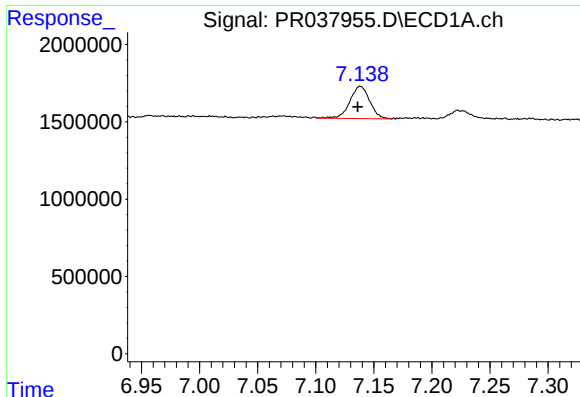
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.667 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

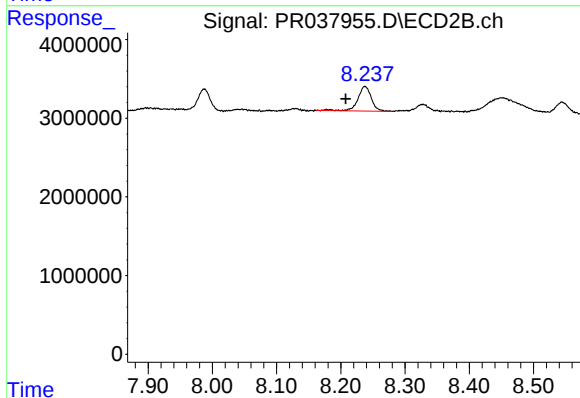
R.T.: 7.987 min  
Delta R.T.: 0.010 min  
Response: 3576741  
Conc: 16.38 ng/ml



#34 AR-1260-4

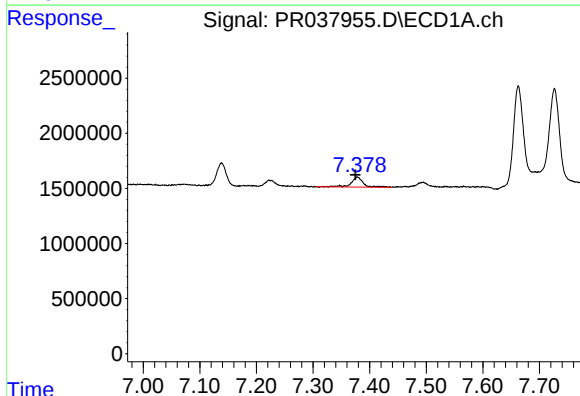
R.T.: 7.138 min  
Delta R.T.: 0.002 min  
Response: 2469748  
Conc: 23.18 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



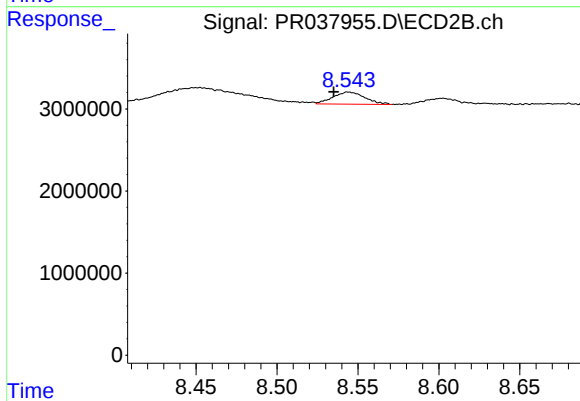
#34 AR-1260-4

R.T.: 8.237 min  
Delta R.T.: 0.029 min  
Response: 4583042  
Conc: 17.94 ng/ml



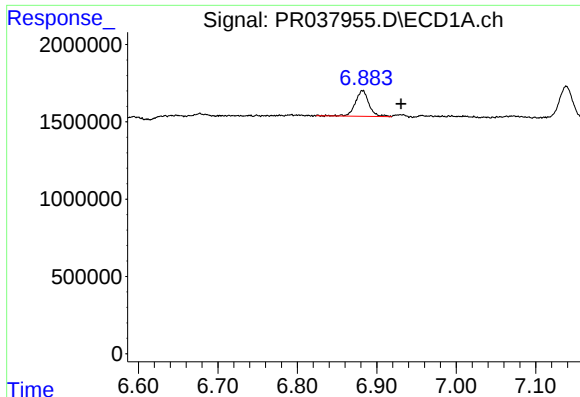
#35 AR-1260-5

R.T.: 7.378 min  
Delta R.T.: 0.004 min  
Response: 1362585  
Conc: 4.85 ng/ml



#35 AR-1260-5

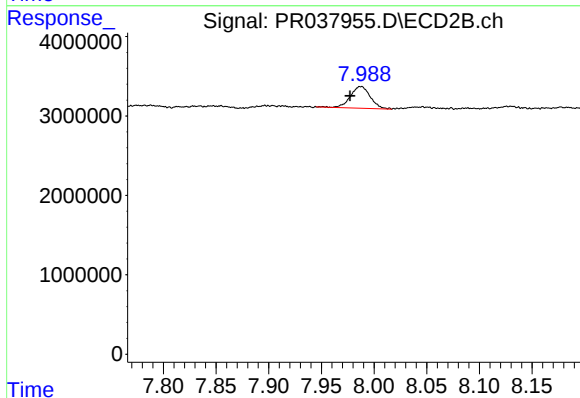
R.T.: 8.544 min  
Delta R.T.: 0.009 min  
Response: 2024209  
Conc: 3.90 ng/ml



#36 AR-1262-1

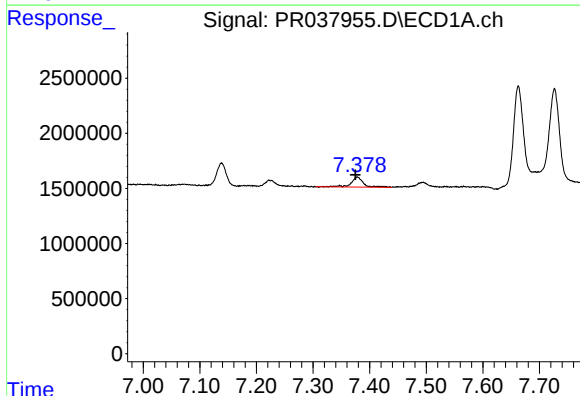
R.T.: 6.882 min  
Delta R.T.: -0.048 min  
Response: 1950125  
Conc: 29.17 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



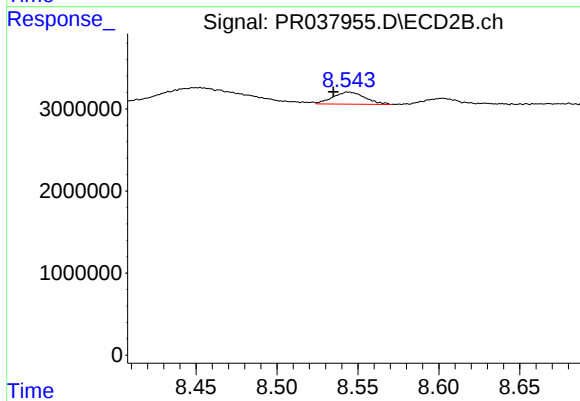
#36 AR-1262-1

R.T.: 7.987 min  
Delta R.T.: 0.010 min  
Response: 3576741  
Conc: 11.32 ng/ml



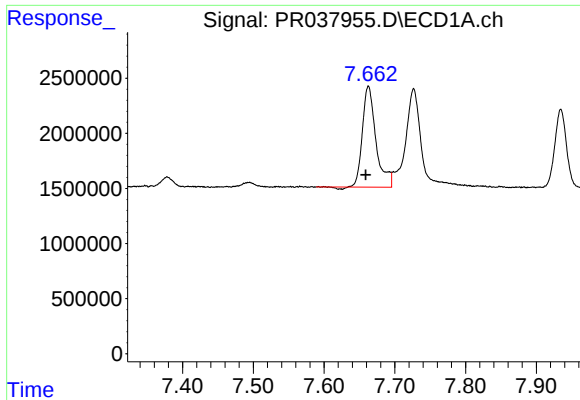
#37 AR-1262-2

R.T.: 7.378 min  
Delta R.T.: 0.003 min  
Response: 1362585  
Conc: 4.17 ng/ml



#37 AR-1262-2

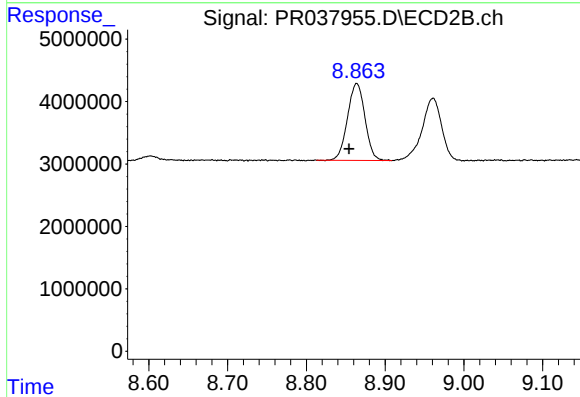
R.T.: 8.544 min  
Delta R.T.: 0.009 min  
Response: 2024209  
Conc: 3.25 ng/ml



#38 AR-1262-3

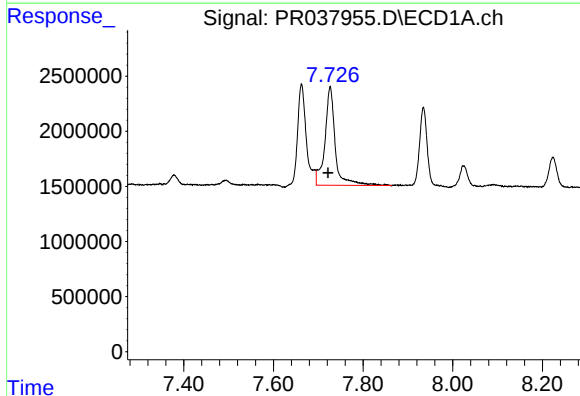
R.T.: 7.663 min  
Delta R.T.: 0.004 min  
Response: 12118713  
Conc: 96.74 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



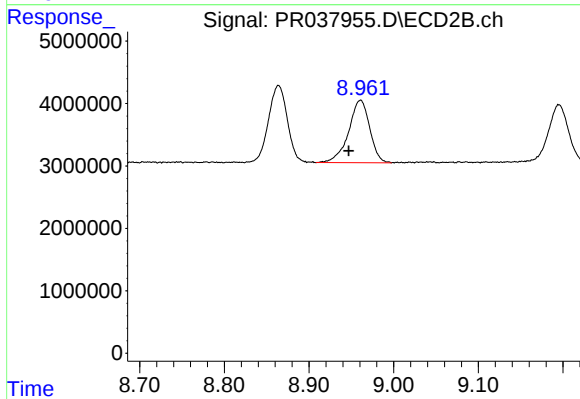
#38 AR-1262-3

R.T.: 8.864 min  
Delta R.T.: 0.010 min  
Response: 19031589  
Conc: 45.41 ng/ml



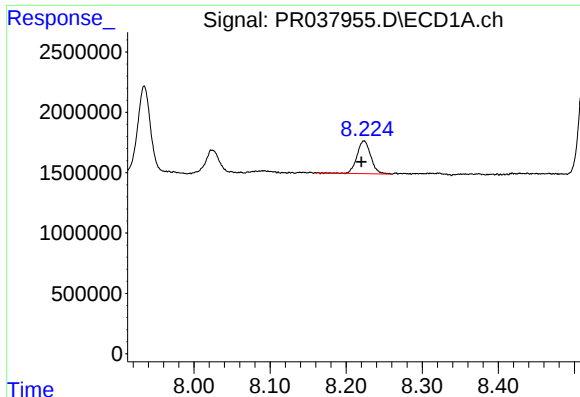
#39 AR-1262-4

R.T.: 7.727 min  
Delta R.T.: 0.005 min  
Response: 14311027  
Conc: 61.55 ng/ml



#39 AR-1262-4

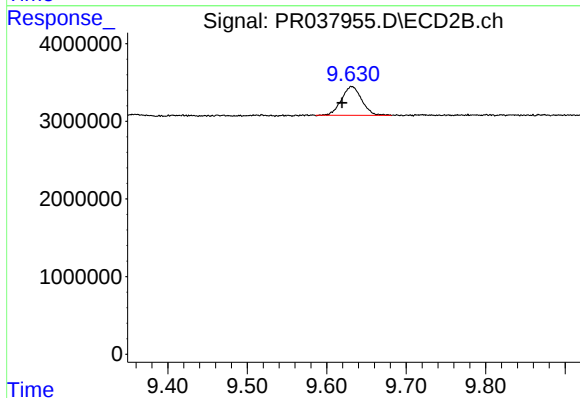
R.T.: 8.961 min  
Delta R.T.: 0.014 min  
Response: 17398066  
Conc: 54.52 ng/ml



#40 AR-1262-5

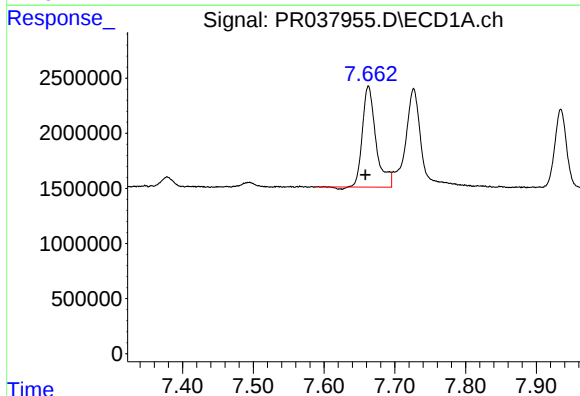
R.T.: 8.223 min  
Delta R.T.: 0.003 min  
Response: 3413236  
Conc: 31.82 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



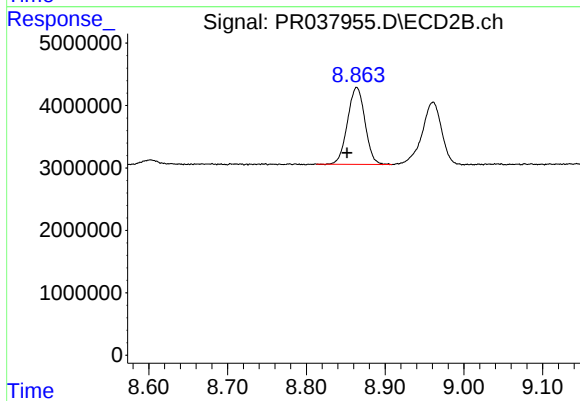
#40 AR-1262-5

R.T.: 9.631 min  
Delta R.T.: 0.012 min  
Response: 6567011  
Conc: 26.37 ng/ml



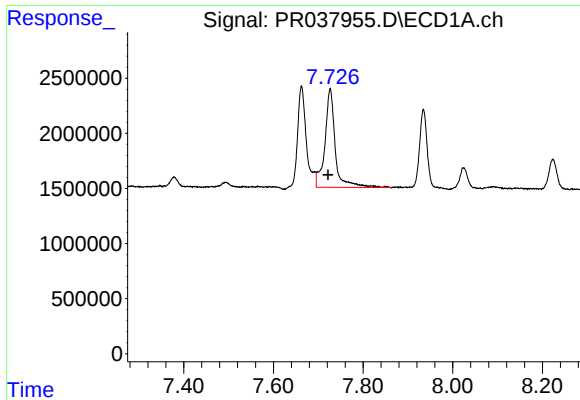
#41 AR-1268-1

R.T.: 7.663 min  
Delta R.T.: 0.004 min  
Response: 12118713  
Conc: 27.81 ng/ml



#41 AR-1268-1

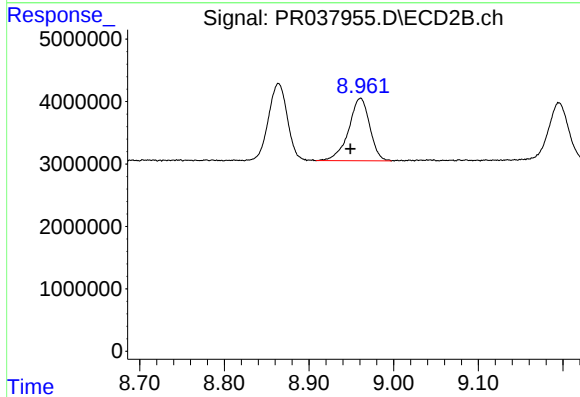
R.T.: 8.864 min  
Delta R.T.: 0.012 min  
Response: 19031589  
Conc: 19.00 ng/ml



#42 AR-1268-2

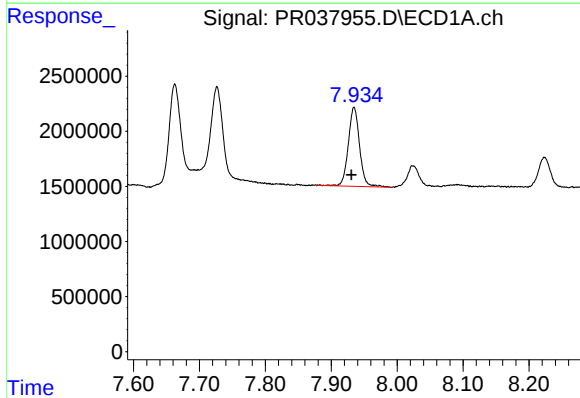
R.T.: 7.727 min  
Delta R.T.: 0.005 min  
Response: 14311027  
Conc: 36.39 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



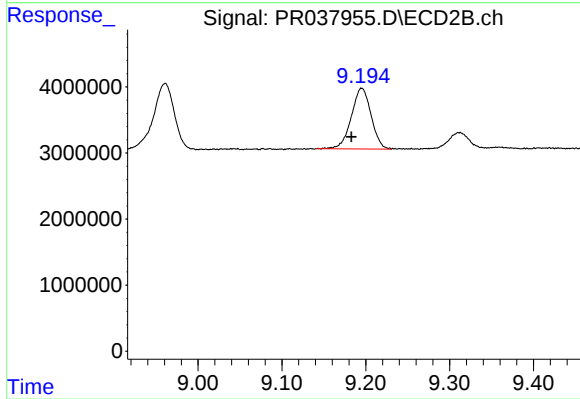
#42 AR-1268-2

R.T.: 8.961 min  
Delta R.T.: 0.012 min  
Response: 17398066  
Conc: 19.25 ng/ml



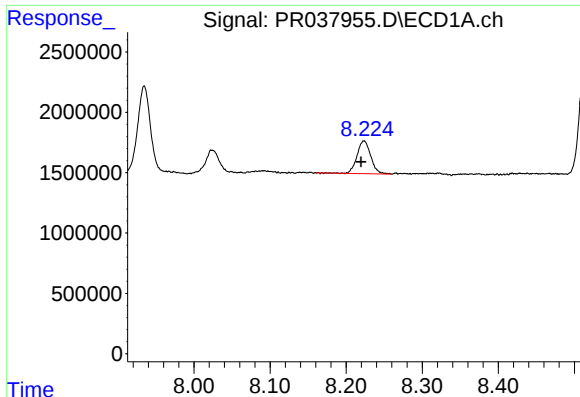
#43 AR-1268-3

R.T.: 7.935 min  
Delta R.T.: 0.004 min  
Response: 8543132  
Conc: 26.56 ng/ml



#43 AR-1268-3

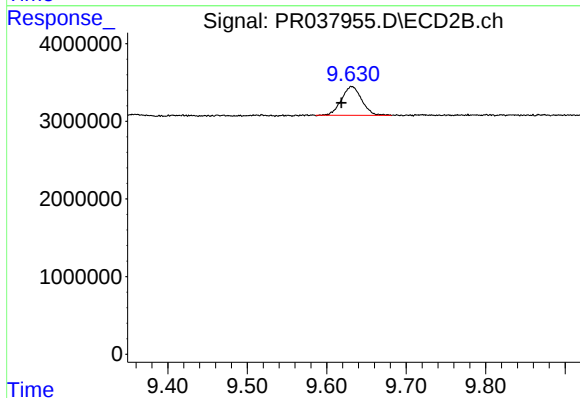
R.T.: 9.195 min  
Delta R.T.: 0.012 min  
Response: 15082218  
Conc: 19.31 ng/ml



#44 AR-1268-4

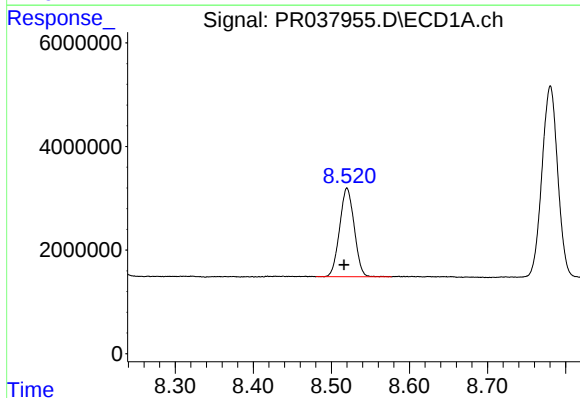
R.T.: 8.223 min  
Delta R.T.: 0.004 min  
Response: 3413236  
Conc: 26.60 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



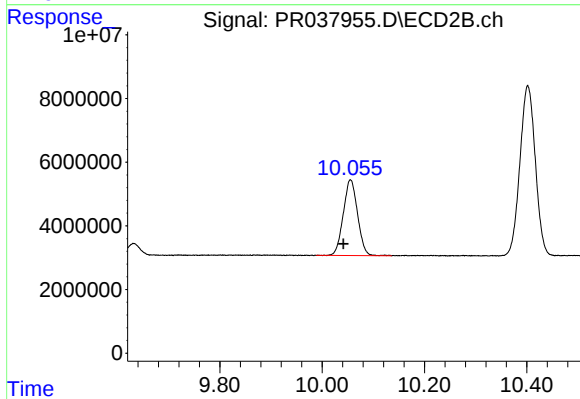
#44 AR-1268-4

R.T.: 9.631 min  
Delta R.T.: 0.013 min  
Response: 6567011  
Conc: 19.31 ng/ml



#45 AR-1268-5

R.T.: 8.520 min  
Delta R.T.: 0.004 min  
Response: 22162643  
Conc: 23.78 ng/ml



#45 AR-1268-5

R.T.: 10.055 min  
Delta R.T.: 0.014 min  
Response: 46157418  
Conc: 18.09 ng/ml