Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR051519\
Data File : PR037954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2019 20:31
Operator : SM\MA
Sample : K2241-09
Misc : AR1262 MDL 25PPB
ALS Vial : 10 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 04:26:24 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 | 31542961 | 92986998 | 17.503 | 18.439 | |
| 2) | SA Decachlor... | 8.780 | 10.402 | 54649041 | 117.8E6 | 28.644 | 25.894 | |
| | Target Compounds | | | | | | | |
| 9) | L2 AR-1221-2 | 4.090 | 0.000 | 448521 | 0 | 28.454 | N.D. | # |
| 11) | L3 AR-1232-1 | 4.090 | 0.000 | 448521 | 0 | 8.142 | N.D. | # |
| 20) | L4 AR-1242-5 | 0.000 | 6.638 | 0 | 1823692 | N.D. | 14.742 | # |
| 24) | L5 AR-1248-4 | 0.000 | 6.638 | 0 | 1823692 | N.D. | 8.344 | # |
| 25) | L5 AR-1248-5 | 0.000 | 6.638 | 0 | 1823692 | N.D. | 8.761 | # |
| 26) | L6 AR-1254-1 | 0.000 | 6.638 | 0 | 1823692 | N.D. | 7.572 | # |
| 28) | L6 AR-1254-3 | 6.185 | 7.227 | 12058173 | 5609423 | 54.624 | 13.273 | # |
| 29) | L6 AR-1254-4 | 0.000 | 7.497 | 0 | 924405 | N.D. | 2.992 | # |
| 30) | L6 AR-1254-5 | 6.842 | 7.911 | 2561865 | 5662239 | 13.075 | 16.948 | # |
| 31) | L7 AR-1260-1 | 6.331 | 7.379 | 3761345 | 9818259 | 31.342 | 39.672 | # |
| 32) | L7 AR-1260-2 | 6.516 | 7.631 | 3754423 | 6822736 | 23.951 | 23.196 | |
| 33) | L7 AR-1260-3 | 6.673 | 7.986 | 3522020 | 9394989 | 26.640 | 43.030 | # |
| 34) | L7 AR-1260-4 | 7.140 | 8.217 | 4529594 | 9181058 | 42.512 | 35.931 | |
| 35) | L7 AR-1260-5 | 7.378 | 8.545 | 9595713 | 18074478 | 34.157 | 34.791 | |
| 36) | L8 AR-1262-1 | 6.933 | 7.986 | 2131976 | 9394989 | 31.893 | 29.735 | |
| 37) | L8 AR-1262-2 | 7.378 | 8.545 | 9595713 | 18074478 | 29.379 | 29.008 | |
| 38) | L8 AR-1262-3 | 7.662 | 8.866 | 3516056 | 12474902 | 28.067 | 29.763 | |
| 39) | L8 AR-1262-4 | 7.725 | 8.958 | 7453537 | 9312435 | 32.056 | 29.183 | |
| 40) | L8 AR-1262-5 | 8.223 | 9.632 | 3492082 | 6800389 | 32.551 | 27.311 | |
| 41) | L9 AR-1268-1 | 7.662 | 8.866 | 3516056 | 12474902 | 8.069 | 12.451 | # |
| 42) | L9 AR-1268-2 | 7.725 | 8.958 | 7453537 | 9312435 | 18.953 | 10.301 | # |
| 44) | L9 AR-1268-4 | 8.223 | 9.632 | 3492082 | 6800389 | 27.220 | 20.000 | # |
| 45) | L9 AR-1268-5 | 8.519 | 10.055 | 1825639 | 3329593 | 1.959 | 1.305 | # |

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

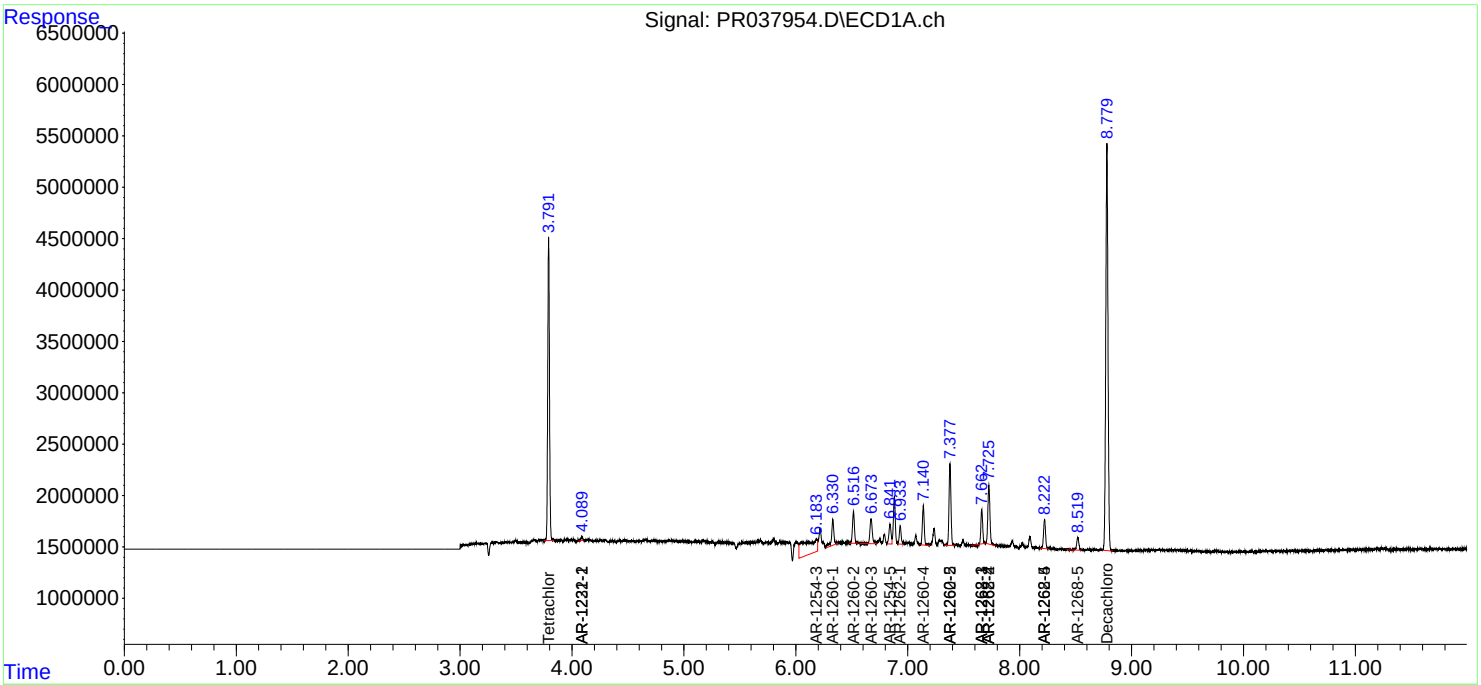
Quantitation Report (Not Reviewed)

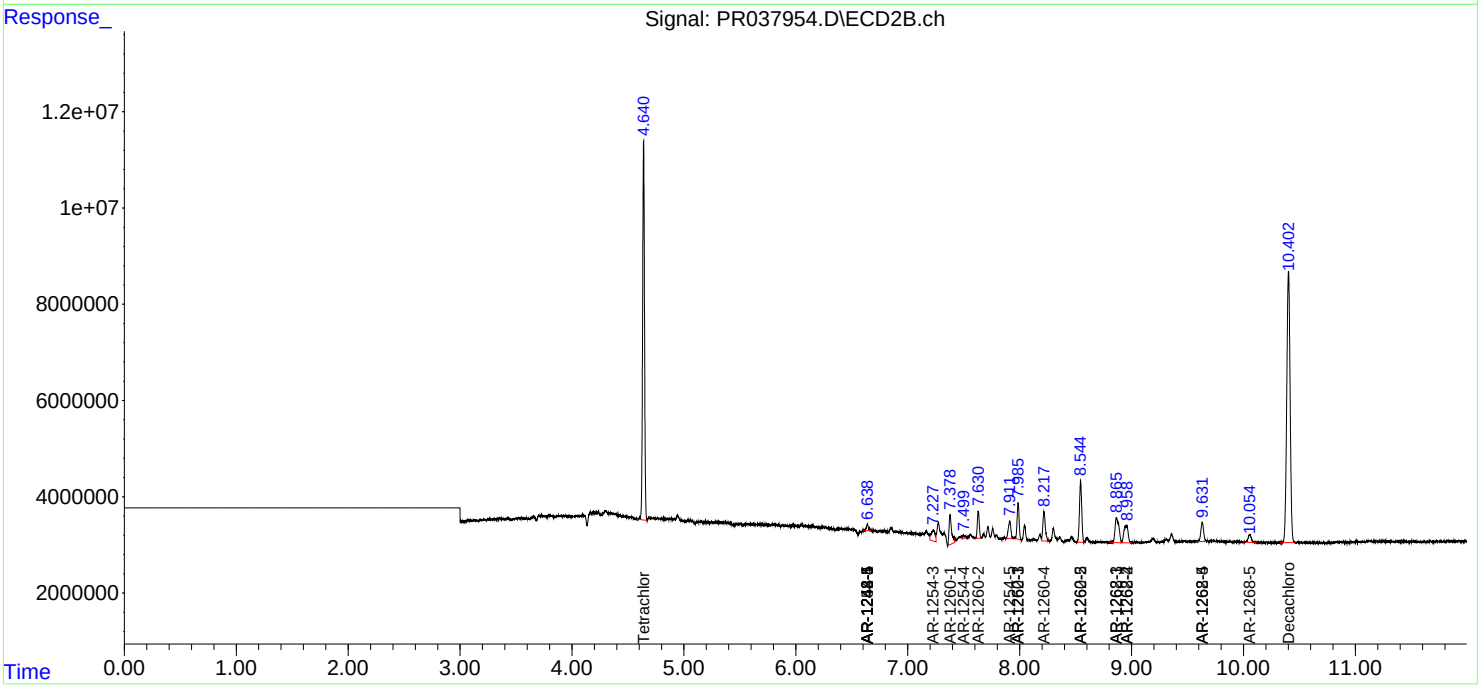
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR051519\
Data File : PR037954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2019 20:31
Operator : SM\MA
Sample : K2241-09
Misc : AR1262 MDL 25PPB
ALS Vial : 10 Sample Multiplier: 1

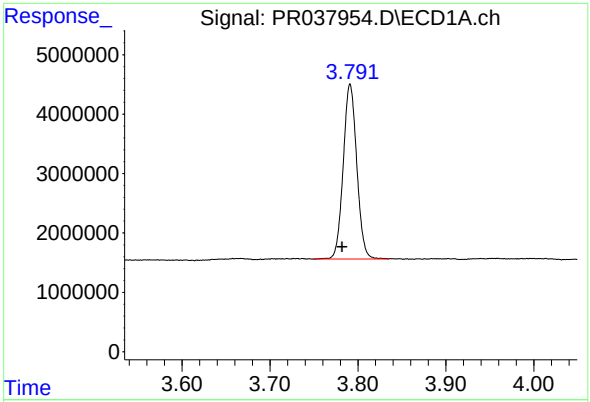
**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 04:26:24 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



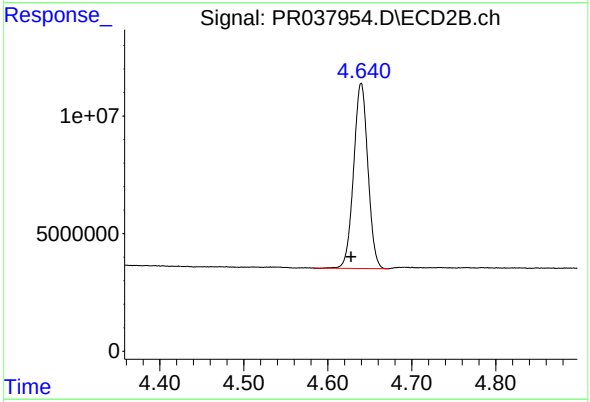






#1 Tetrachloro-m-xylene

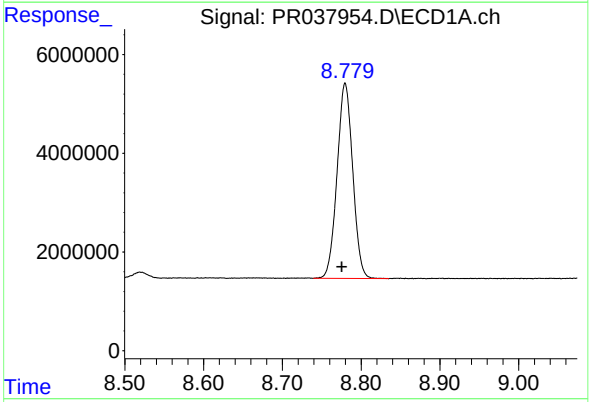
R.T.: 3.791 min
Delta R.T.: 0.009 min
Response: 31542961
Conc: 17.50 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019



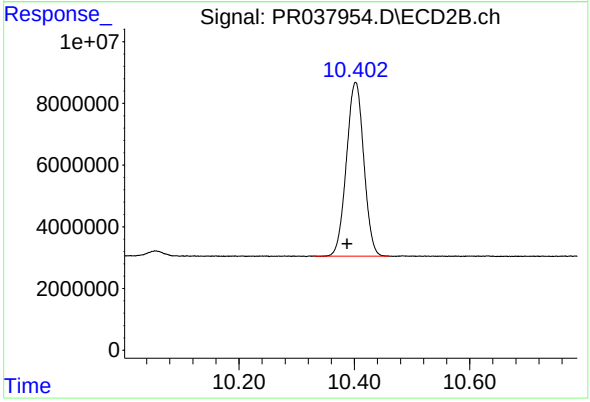

#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: 0.012 min
Response: 92986998
Conc: 18.44 ng/ml



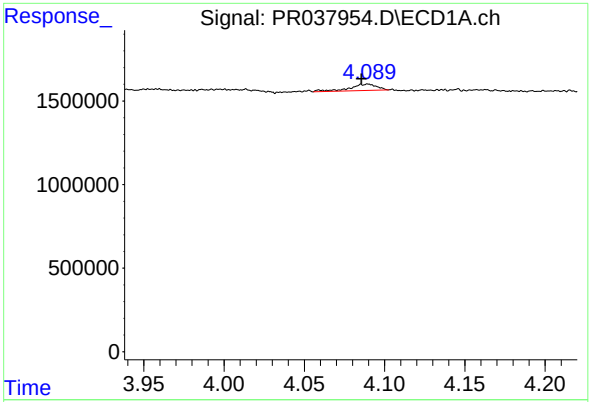

#2 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: 0.004 min
Response: 54649041
Conc: 28.64 ng/ml




#2 Decachlorobiphenyl

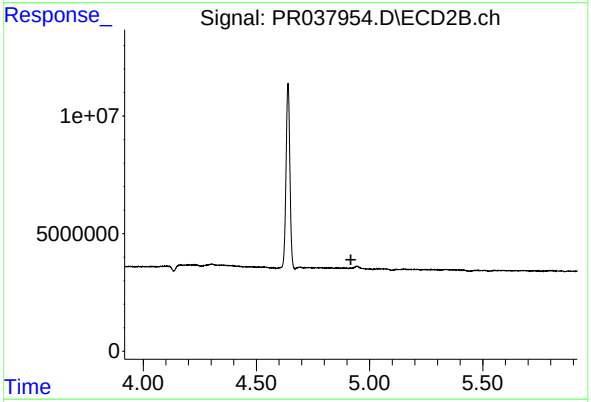
R.T.: 10.402 min
Delta R.T.: 0.015 min
Response: 117770897
Conc: 25.89 ng/ml




#9 AR-1221-2

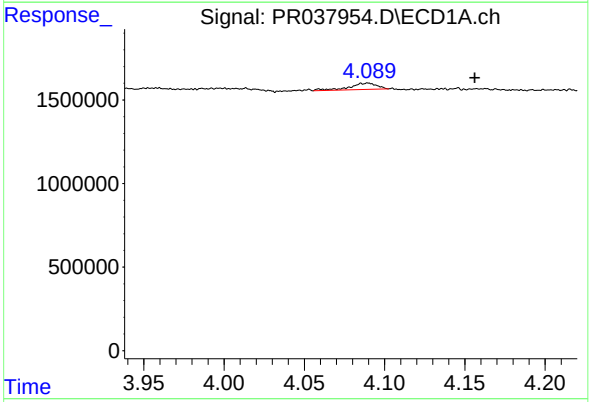
R.T.: 4.090 min
Delta R.T.: 0.004 min
Response: 448521
Conc: 28.45 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019



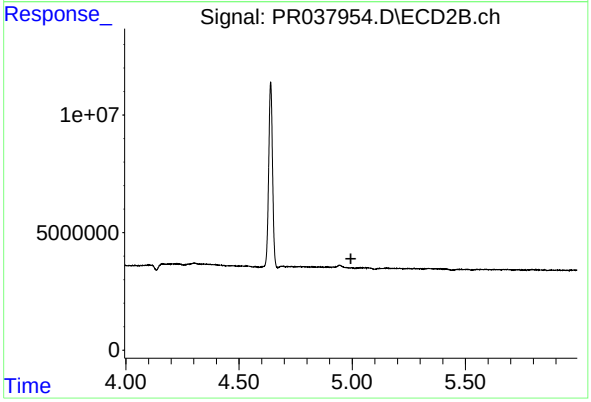

#9 AR-1221-2

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



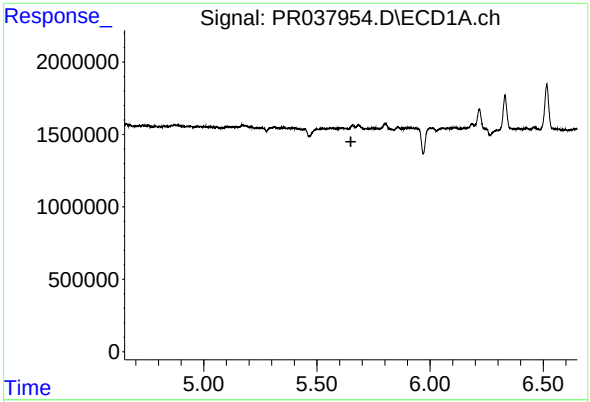

#11 AR-1232-1

R.T.: 4.090 min
Delta R.T.: -0.066 min
Response: 448521
Conc: 8.14 ng/ml




#11 AR-1232-1

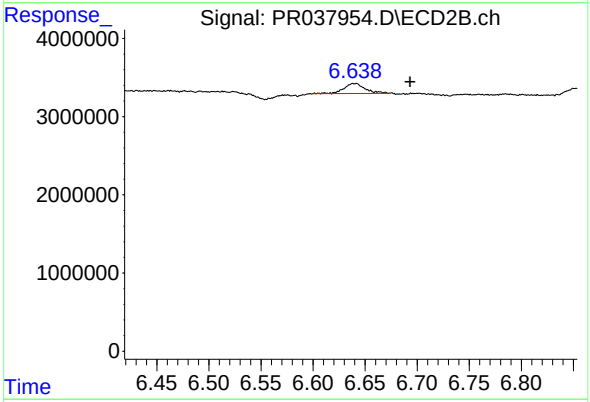
R.T.: 0.000 min
Exp R.T. : 4.994 min
Response: 0
Conc: N.D.




#20 AR-1242-5

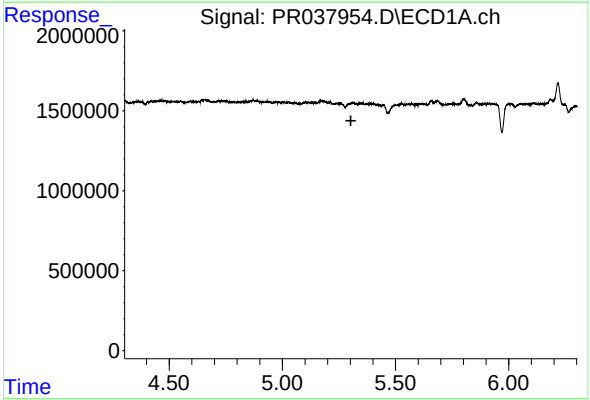
R.T.: 0.000 min
Exp R.T. : 5.650 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019



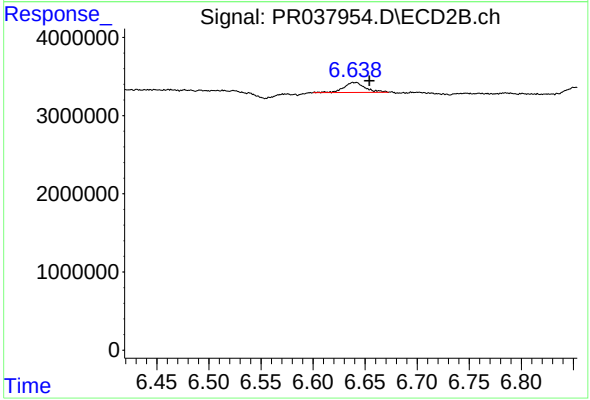

#20 AR-1242-5

R.T.: 6.638 min
Delta R.T.: -0.055 min
Response: 1823692
Conc: 14.74 ng/ml



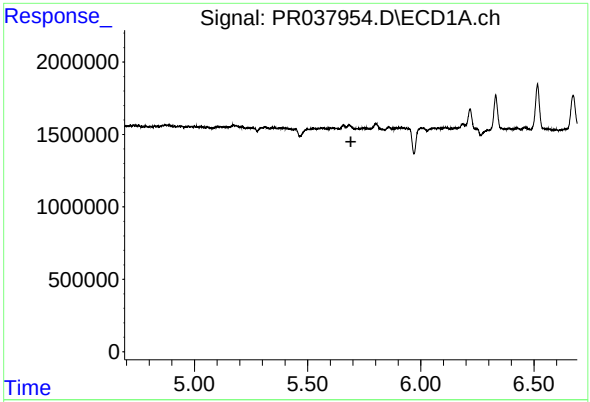

#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.303 min
Response: 0
Conc: N.D.




#24 AR-1248-4

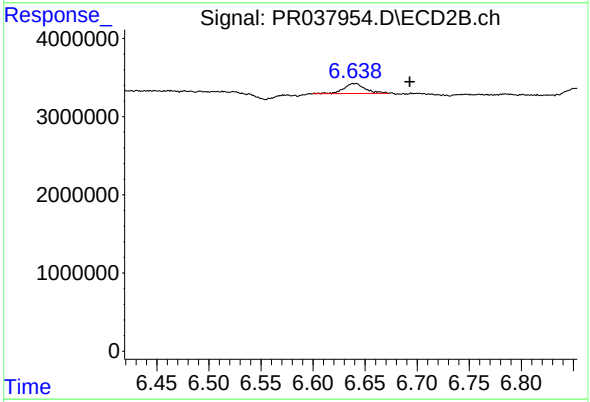
R.T.: 6.638 min
Delta R.T.: -0.016 min
Response: 1823692
Conc: 8.34 ng/ml




#25 AR-1248-5

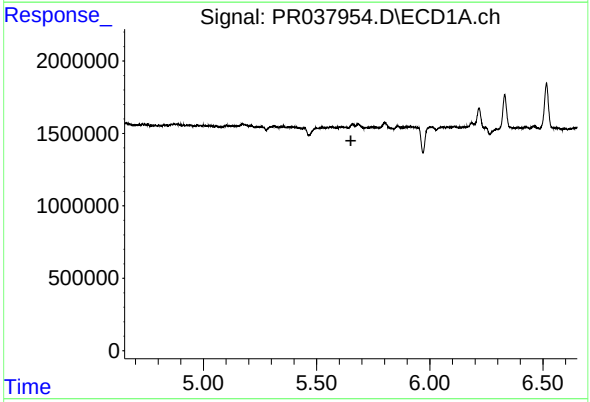
R.T.: 0.000 min
Exp R.T. : 5.691 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019



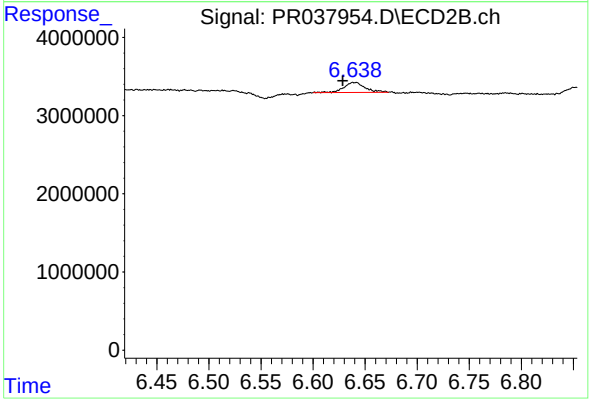

#25 AR-1248-5

R.T.: 6.638 min
Delta R.T.: -0.055 min
Response: 1823692
Conc: 8.76 ng/ml



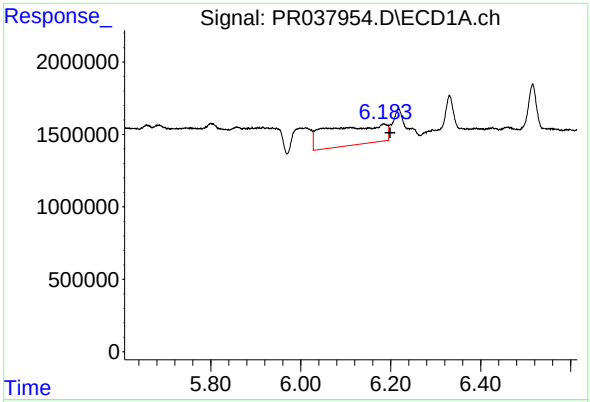

#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.651 min
Response: 0
Conc: N.D.




#26 AR-1254-1

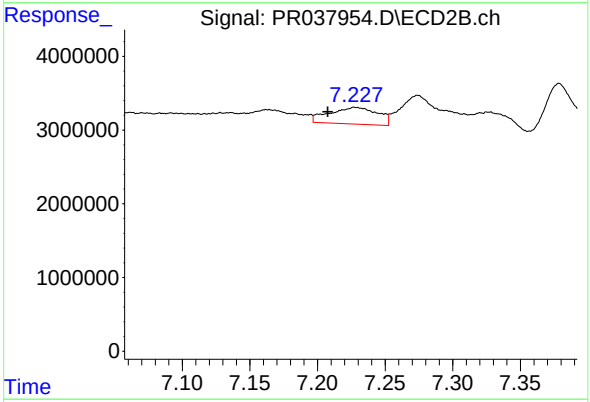
R.T.: 6.638 min
Delta R.T.: 0.010 min
Response: 1823692
Conc: 7.57 ng/ml




#28 AR-1254-3

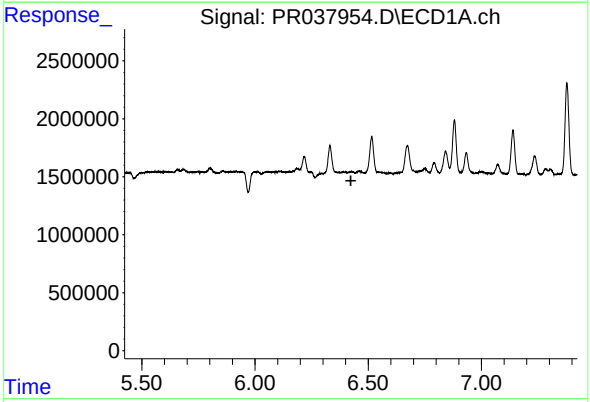
R.T.: 6.185 min
Delta R.T.: -0.014 min
Response: 12058173
Conc: 54.62 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019



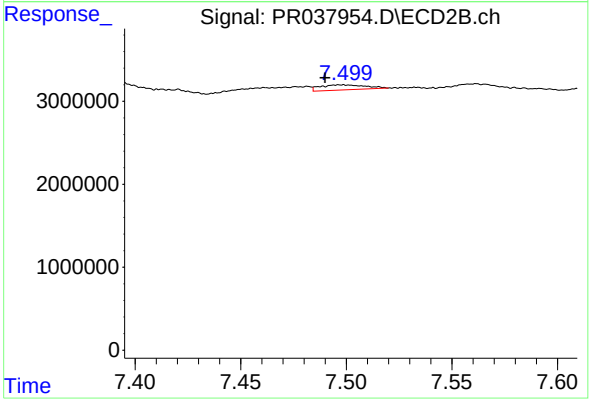

#28 AR-1254-3

R.T.: 7.227 min
Delta R.T.: 0.019 min
Response: 5609423
Conc: 13.27 ng/ml



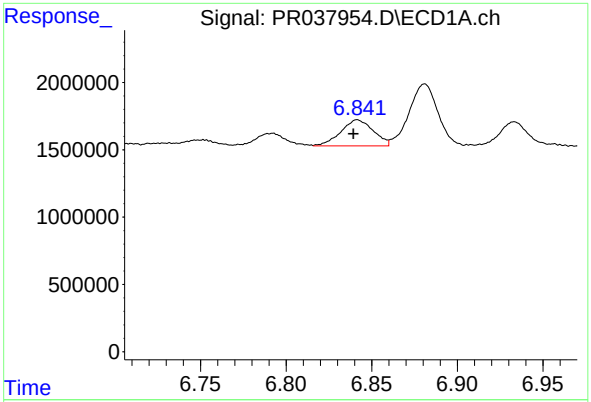

#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.424 min
Response: 0
Conc: N.D.




#29 AR-1254-4

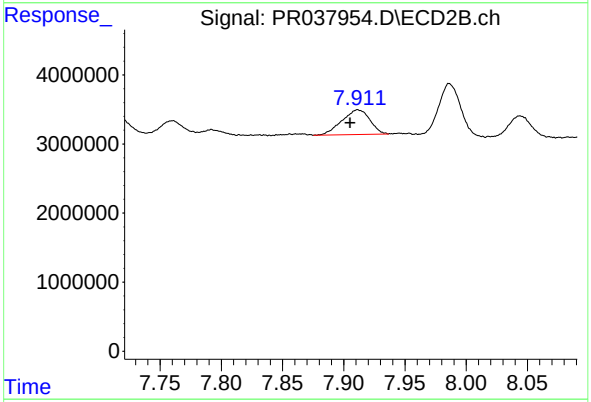
R.T.: 7.497 min
Delta R.T.: 0.007 min
Response: 924405
Conc: 2.99 ng/ml




#30 AR-1254-5

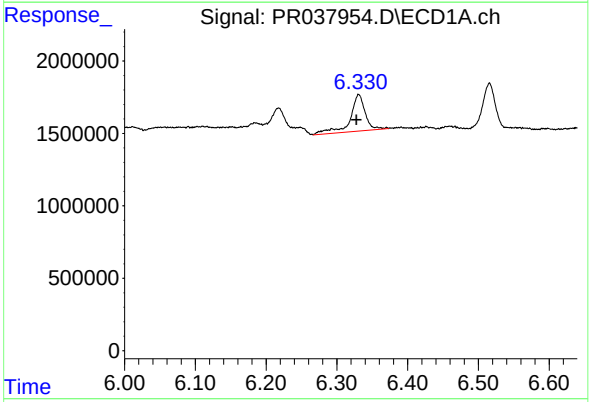
R.T.: 6.842 min
Delta R.T.: 0.002 min
Response: 2561865
Conc: 13.07 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019



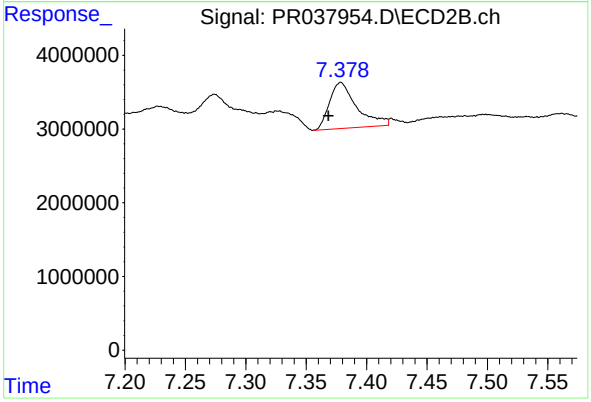

#30 AR-1254-5

R.T.: 7.911 min
Delta R.T.: 0.006 min
Response: 5662239
Conc: 16.95 ng/ml



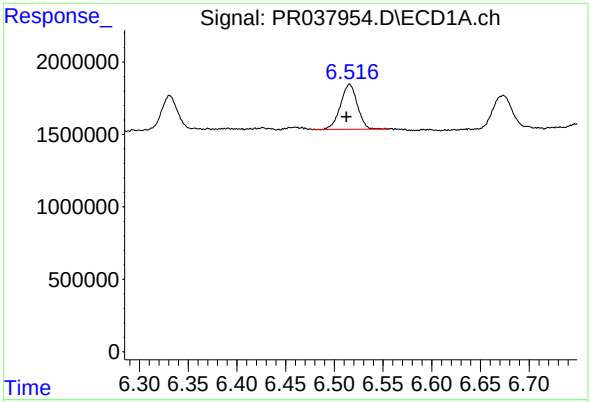

#31 AR-1260-1

R.T.: 6.331 min
Delta R.T.: 0.004 min
Response: 3761345
Conc: 31.34 ng/ml




#31 AR-1260-1

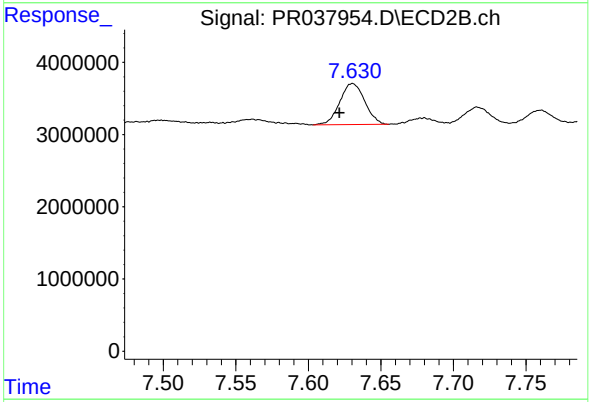
R.T.: 7.379 min
Delta R.T.: 0.010 min
Response: 9818259
Conc: 39.67 ng/ml




#32 AR-1260-2

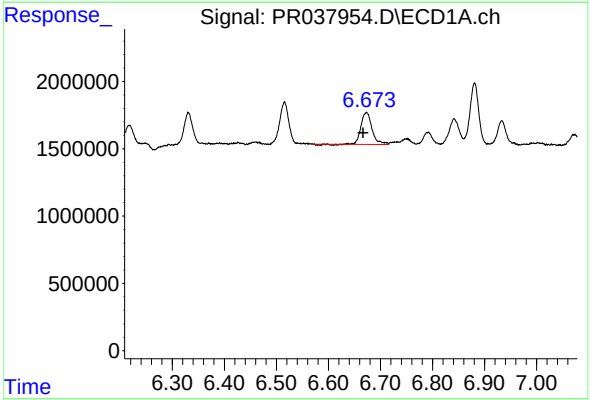
R.T.: 6.516 min
Delta R.T.: 0.003 min
Response: 3754423
Conc: 23.95 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019



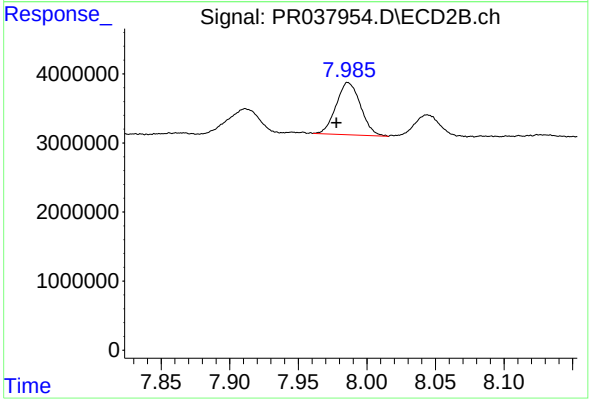

#32 AR-1260-2

R.T.: 7.631 min
Delta R.T.: 0.009 min
Response: 6822736
Conc: 23.20 ng/ml



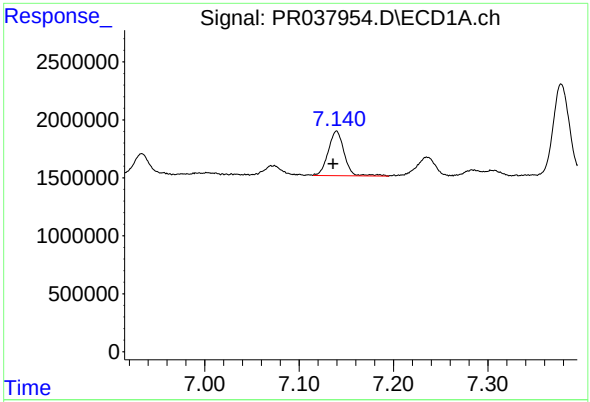

#33 AR-1260-3

R.T.: 6.673 min
Delta R.T.: 0.007 min
Response: 3522020
Conc: 26.64 ng/ml




#33 AR-1260-3

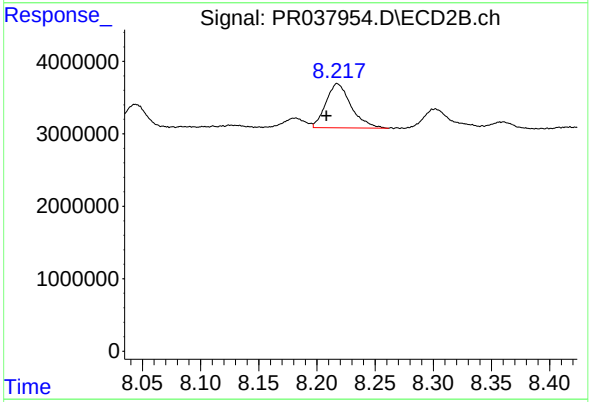
R.T.: 7.986 min
Delta R.T.: 0.008 min
Response: 9394989
Conc: 43.03 ng/ml




#34 AR-1260-4

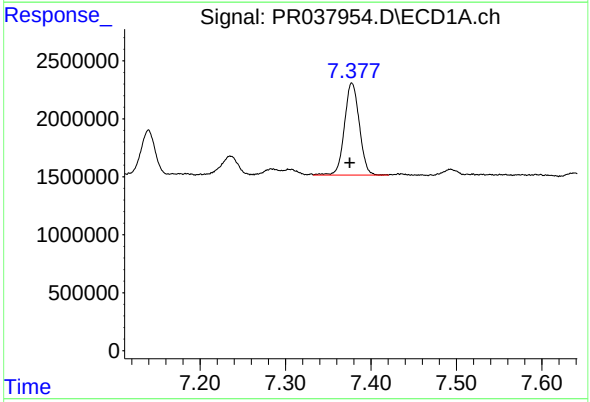
R.T.: 7.140 min
Delta R.T.: 0.004 min
Response: 4529594
Conc: 42.51 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019



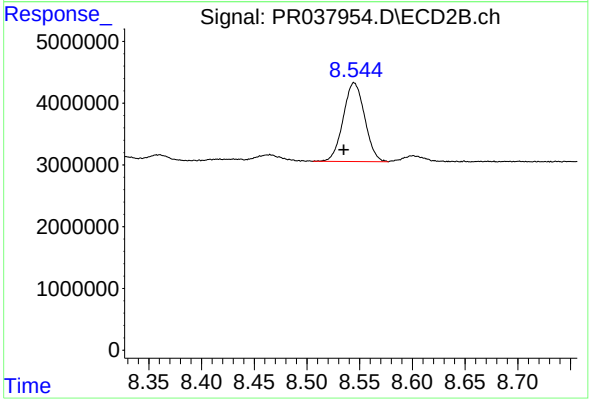

#34 AR-1260-4

R.T.: 8.217 min
Delta R.T.: 0.009 min
Response: 9181058
Conc: 35.93 ng/ml



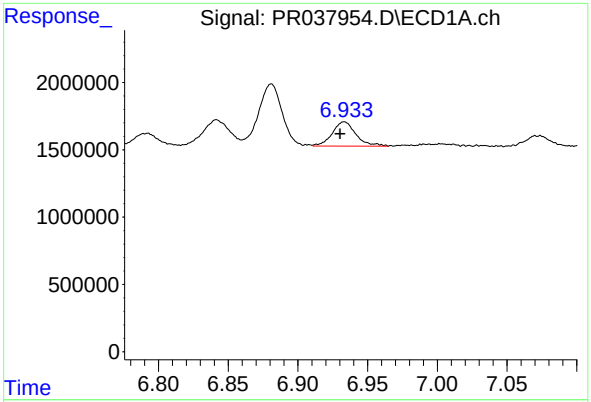

#35 AR-1260-5

R.T.: 7.378 min
Delta R.T.: 0.003 min
Response: 9595713
Conc: 34.16 ng/ml




#35 AR-1260-5

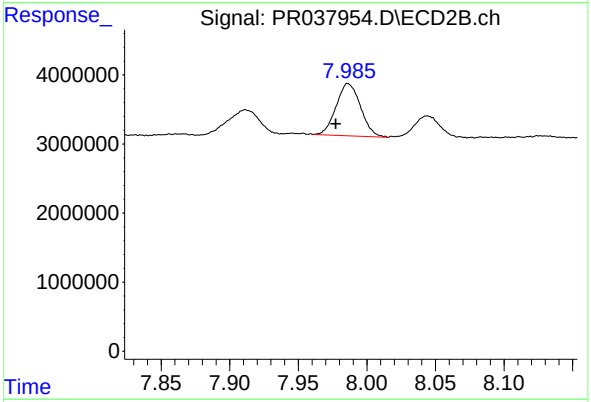
R.T.: 8.545 min
Delta R.T.: 0.010 min
Response: 18074478
Conc: 34.79 ng/ml




#36 AR-1262-1

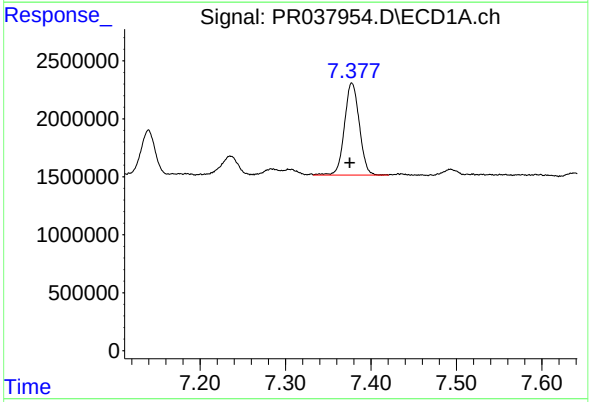
R.T.: 6.933 min
Delta R.T.: 0.003 min
Response: 2131976
Conc: 31.89 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019



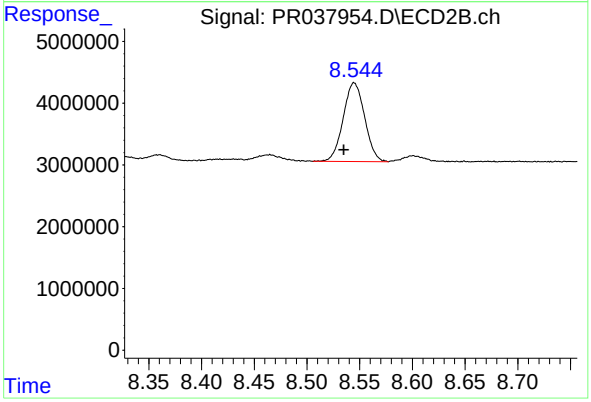

#36 AR-1262-1

R.T.: 7.986 min
Delta R.T.: 0.009 min
Response: 9394989
Conc: 29.74 ng/ml



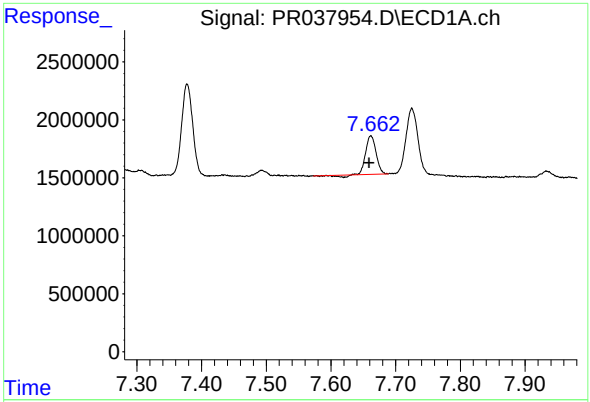

#37 AR-1262-2

R.T.: 7.378 min
Delta R.T.: 0.003 min
Response: 9595713
Conc: 29.38 ng/ml




#37 AR-1262-2

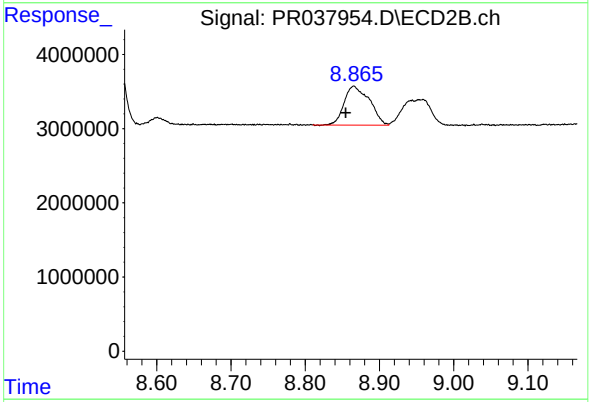
R.T.: 8.545 min
Delta R.T.: 0.010 min
Response: 18074478
Conc: 29.01 ng/ml




#38 AR-1262-3

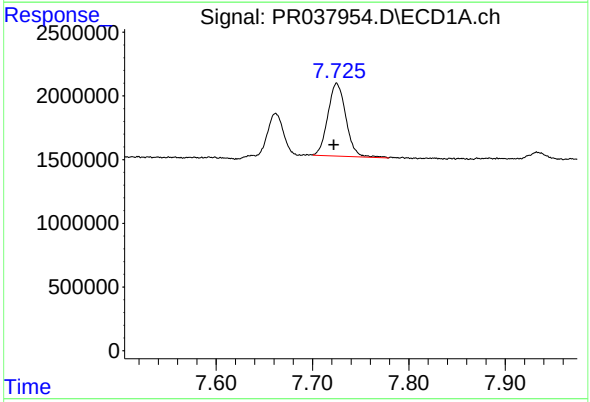
R.T.: 7.662 min
Delta R.T.: 0.003 min
Response: 3516056
Conc: 28.07 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019



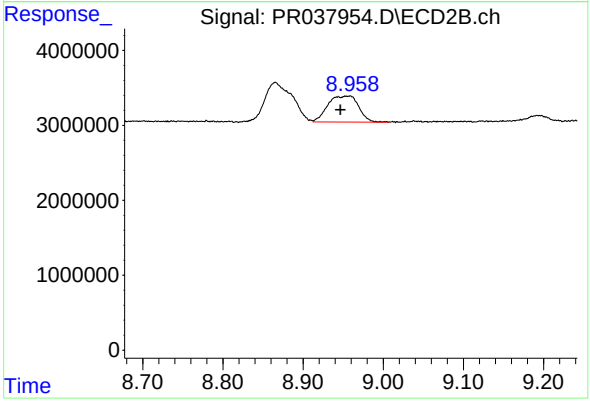

#38 AR-1262-3

R.T.: 8.866 min
Delta R.T.: 0.011 min
Response: 12474902
Conc: 29.76 ng/ml



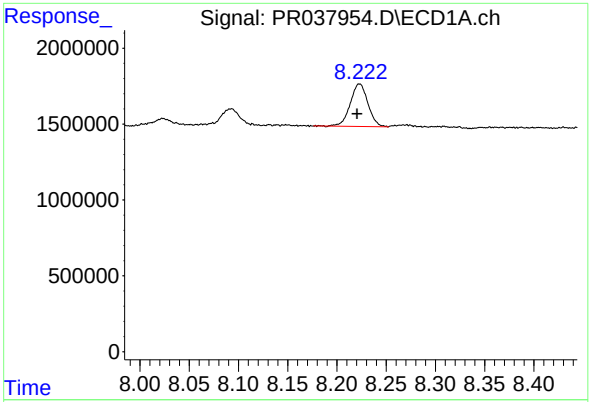

#39 AR-1262-4

R.T.: 7.725 min
Delta R.T.: 0.003 min
Response: 7453537
Conc: 32.06 ng/ml




#39 AR-1262-4

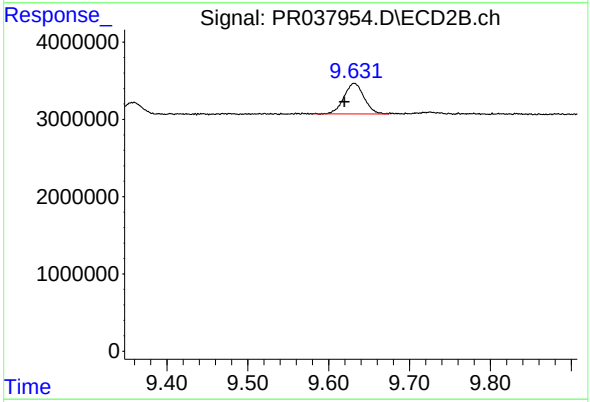
R.T.: 8.958 min
Delta R.T.: 0.012 min
Response: 9312435
Conc: 29.18 ng/ml




#40 AR-1262-5

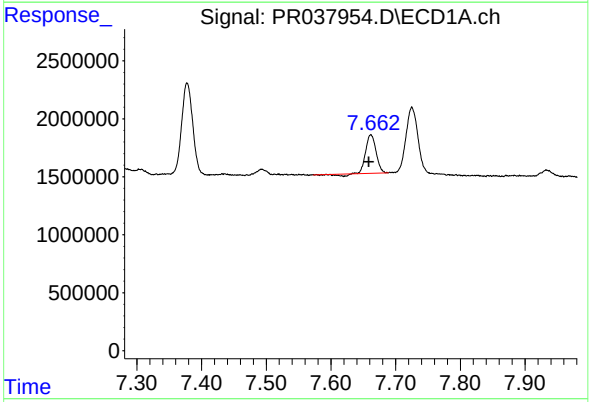
R.T.: 8.223 min
Delta R.T.: 0.003 min
Response: 3492082
Conc: 32.55 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019



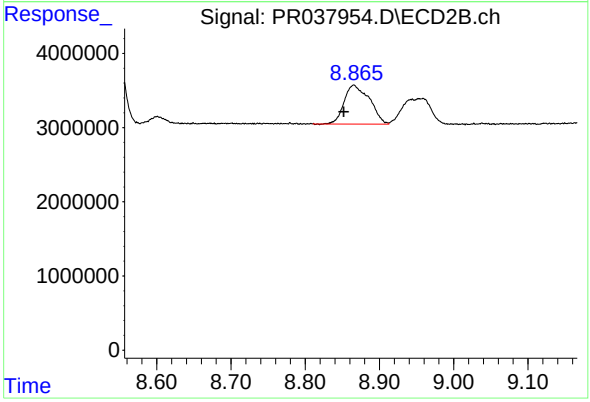

#40 AR-1262-5

R.T.: 9.632 min
Delta R.T.: 0.012 min
Response: 6800389
Conc: 27.31 ng/ml



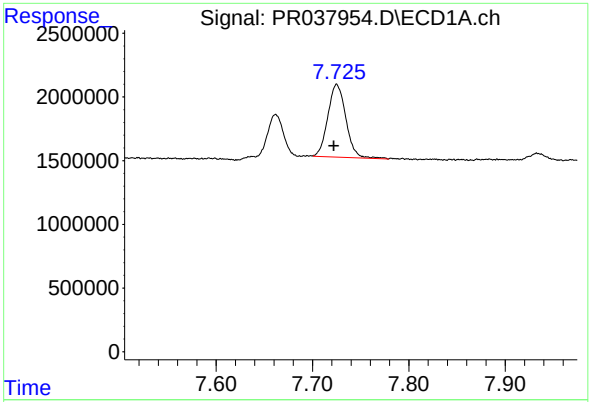

#41 AR-1268-1

R.T.: 7.662 min
Delta R.T.: 0.003 min
Response: 3516056
Conc: 8.07 ng/ml




#41 AR-1268-1

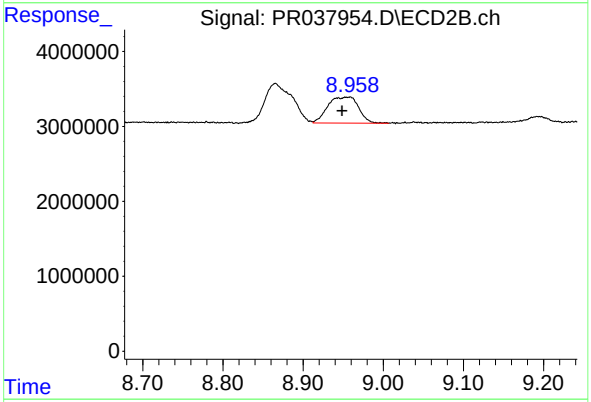
R.T.: 8.866 min
Delta R.T.: 0.014 min
Response: 12474902
Conc: 12.45 ng/ml




#42 AR-1268-2

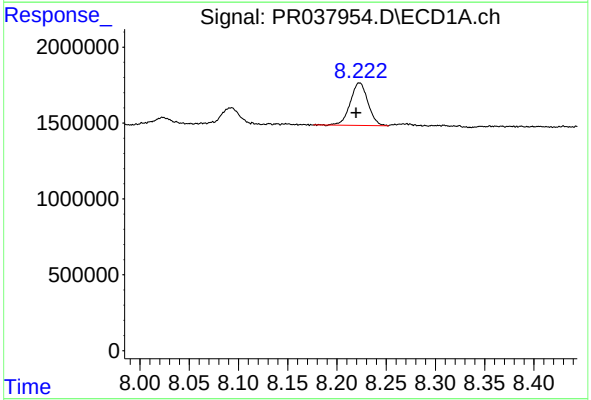
R.T.: 7.725 min
Delta R.T.: 0.003 min
Response: 7453537
Conc: 18.95 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019



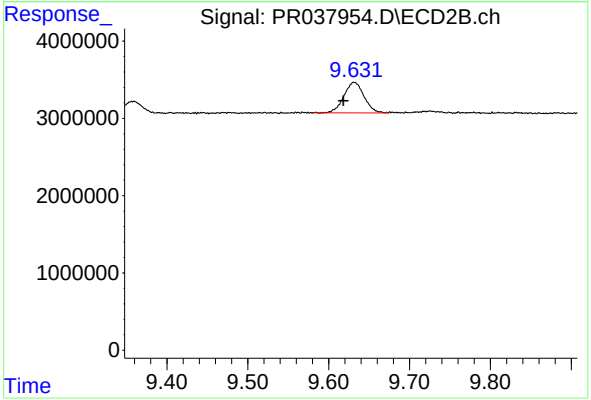

#42 AR-1268-2

R.T.: 8.958 min
Delta R.T.: 0.010 min
Response: 9312435
Conc: 10.30 ng/ml



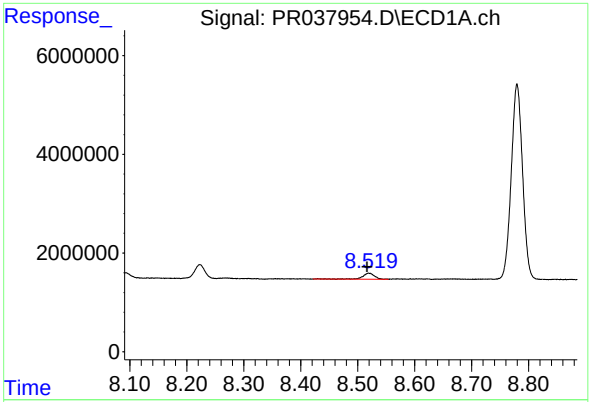

#44 AR-1268-4

R.T.: 8.223 min
Delta R.T.: 0.003 min
Response: 3492082
Conc: 27.22 ng/ml




#44 AR-1268-4

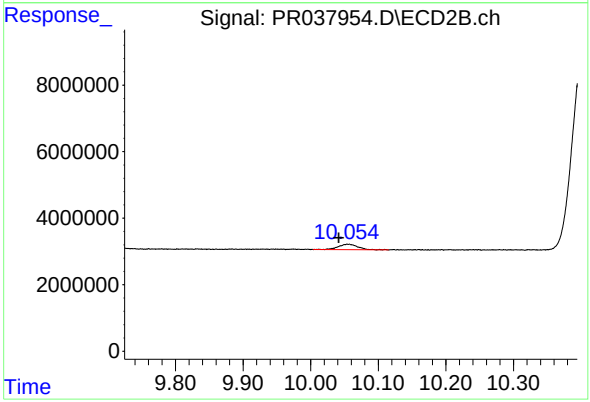
R.T.: 9.632 min
Delta R.T.: 0.013 min
Response: 6800389
Conc: 20.00 ng/ml




#45 AR-1268-5

R.T.: 8.519 min
Delta R.T.: 0.003 min
Response: 1825639
Conc: 1.96 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT2-2019




#45 AR-1268-5

R.T.: 10.055 min
Delta R.T.: 0.013 min
Response: 3329593
Conc: 1.30 ng/ml