Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
Data File : PR040423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2019 14:20
Operator : SM\AJ
Sample : K3591-09
Misc : AR1268 MDL 25 PPB
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** ECD_R
**ClientSampleId :** MDL-MDL-WATER-03-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 23:55:53 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 15 15:16:04 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... | 3.756 | 4.599 | 14818433 | 68106858 | 12.059 | 11.042 | |
| 2) | SA Decachlor... | 8.680 | 10.316 | 69654607 | 260.8E6 | 24.179 | 22.472 | |
| | Target Compounds | | | | | | | |
| 9) | L2 AR-1221-2 | 0.000 | 4.905 | 0 | 1509143 | N.D. | 24.041 | # |
| 10) | L2 AR-1221-3 | 0.000 | 4.905 | 0 | 1509143 | N.D. | 7.533 | # |
| 11) | L3 AR-1232-1 | 0.000 | 4.905 | 0 | 1509143 | N.D. | 7.259 | # |
| 20) | L4 AR-1242-5 | 0.000 | 6.595 | 0 | 263738 | N.D. | 1.146 | # |
| 24) | L5 AR-1248-4 | 0.000 | 6.595 | 0 | 263738 | N.D. | 0.735 | # |
| 25) | L5 AR-1248-5 | 0.000 | 6.595 | 0 | 263738 | N.D. | 0.762 | # |
| 26) | L6 AR-1254-1 | 0.000 | 6.595 | 0 | 263738 | N.D. | 0.668 | # |
| 28) | L6 AR-1254-3 | 0.000 | 7.193 | 0 | 660214 | N.D. | 0.914 | # |
| 30) | L6 AR-1254-5 | 6.815 | 0.000 | 1820920 | 0 | 9.105 | N.D. | # |
| 31) | L7 AR-1260-1 | 0.000 | 7.327 | 0 | 517747 | N.D. | 1.258 | # |
| 33) | L7 AR-1260-3 | 0.000 | 7.939 | 0 | 5852935 | N.D. | 14.299 | # |
| 34) | L7 AR-1260-4 | 7.066 | 8.185 | 2679843 | 7634763 | 21.553 | 16.011 | # |
| 35) | L7 AR-1260-5 | 7.309 | 8.495 | 1877765 | 3304317 | 5.955 | 3.186 | # |
| 36) | L8 AR-1262-1 | 6.815 | 7.939 | 1820920 | 5852935 | 26.768 | 9.790 | # |
| 37) | L8 AR-1262-2 | 7.309 | 8.495 | 1877765 | 3304317 | 5.337 | 2.777 | # |
| 38) | L8 AR-1262-3 | 7.588 | 8.805 | 10954212 | 36774558 | 78.288 | 45.435 | # |
| 39) | L8 AR-1262-4 | 7.652 | 8.901 | 10372703 | 34580375 | 39.080 | 55.705 | # |
| 40) | L8 AR-1262-5 | 8.142 | 9.565 | 4307666 | 13966892 | 32.724 | 29.570 | |
| 41) | L9 AR-1268-1 | 7.588 | 8.805 | 10954212 | 36774558 | 29.772 | 28.100 | |
| 42) | L9 AR-1268-2 | 7.652 | 8.901 | 10372703 | 34580375 | 30.276 | 27.774 | |
| 43) | L9 AR-1268-3 | 7.854 | 9.130 | 9380942 | 30419057 | 32.801 | 28.833 | |
| 44) | L9 AR-1268-4 | 8.142 | 9.565 | 4307666 | 13966892 | 31.824 | 28.474 | |
| 45) | L9 AR-1268-5 | 8.431 | 9.979 | 29711962 | 110.4E6 | 28.817 | 27.986 | |

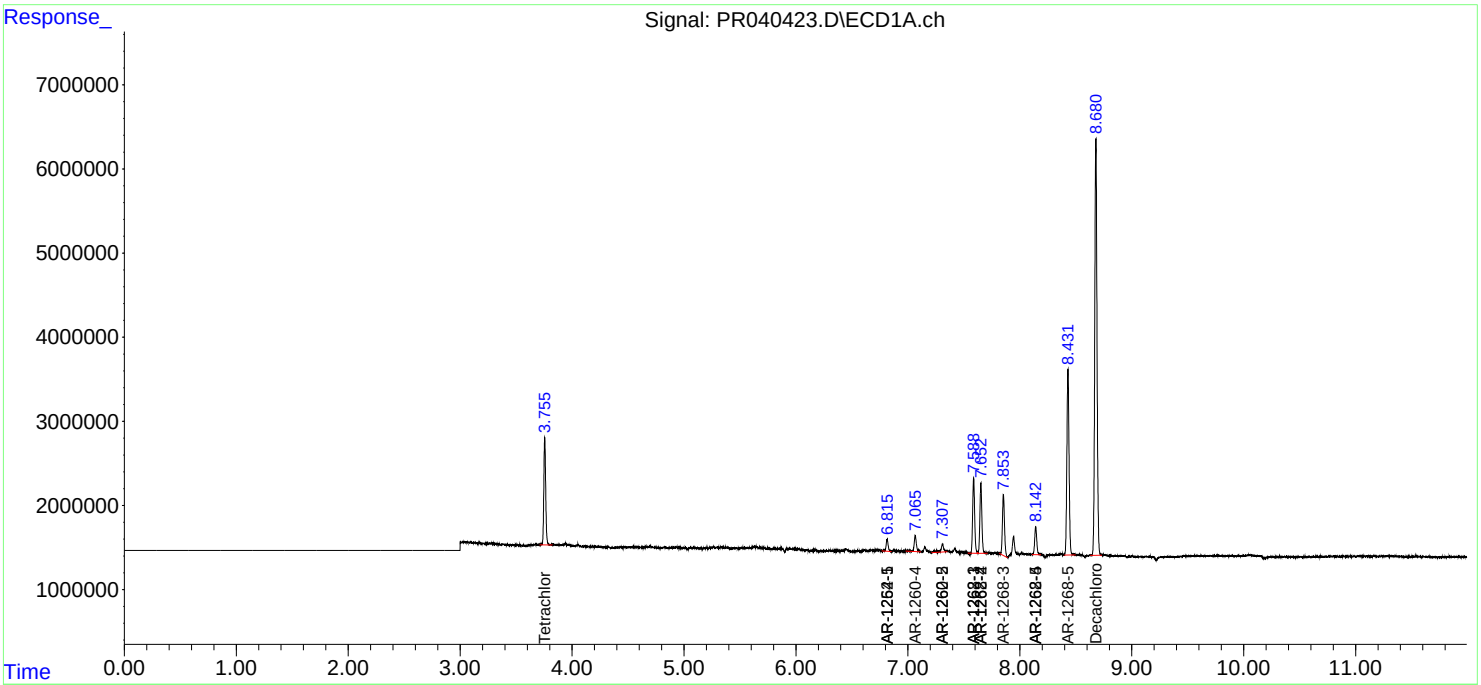
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

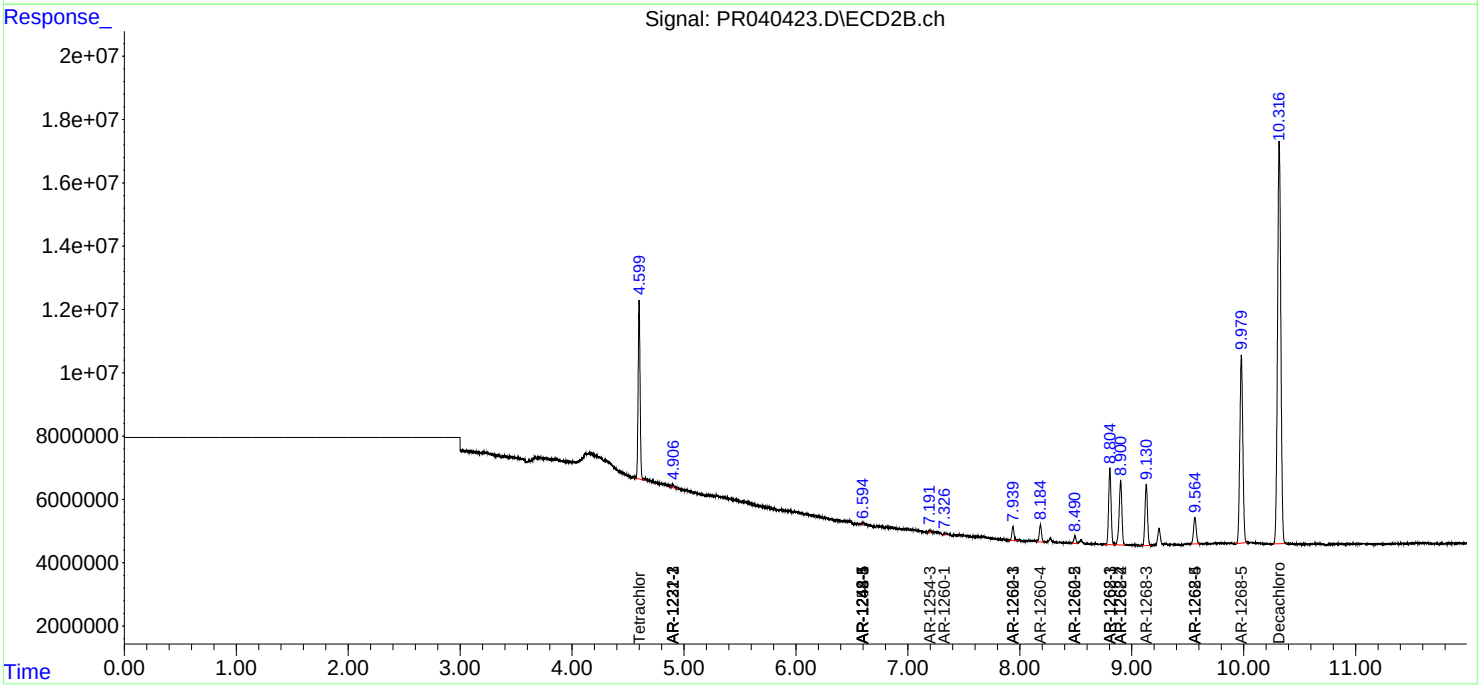
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
Data File : PR040423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2019 14:20
Operator : SM\AJ
Sample : K3591-09
Misc : AR1268 MDL 25 PPB
ALS Vial : 21 Sample Multiplier: 1

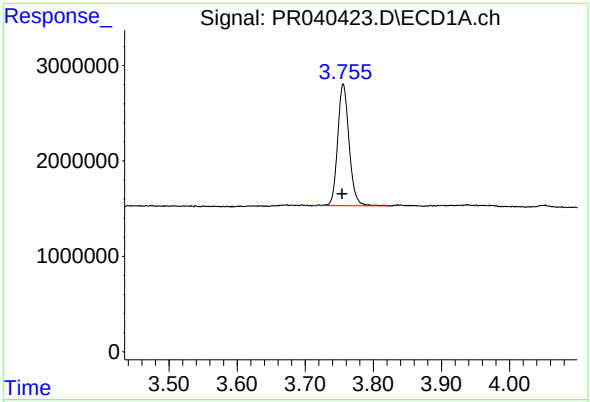
**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 23:55:53 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 15 15:16:04 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



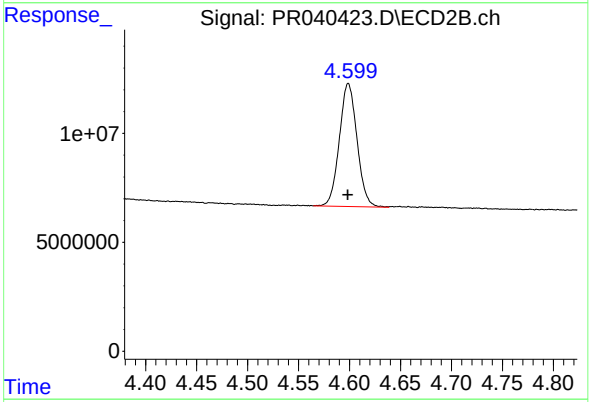






#1 Tetrachloro-m-xylene

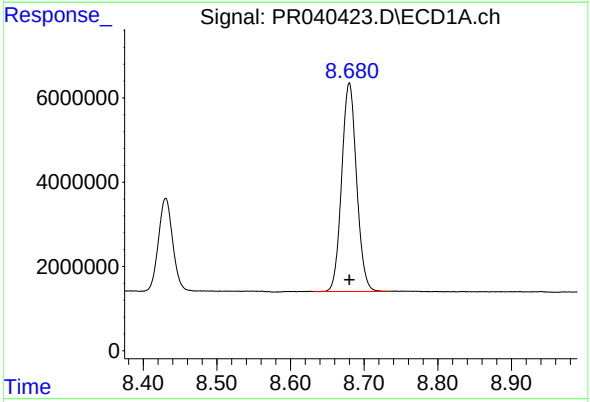
R.T.: 3.756 min
Delta R.T.: 0.002 min
Response: 14818433
Conc: 12.06 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019



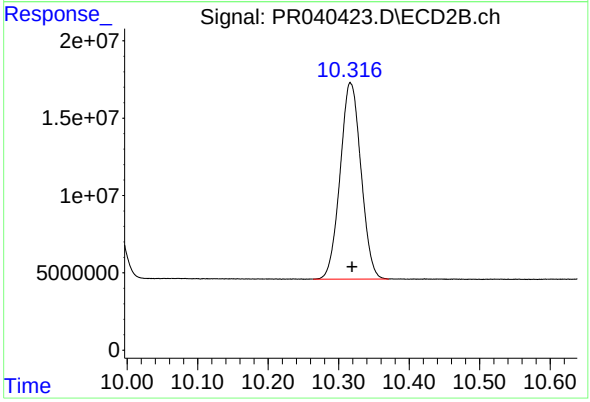

#1 Tetrachloro-m-xylene

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 68106858
Conc: 11.04 ng/ml



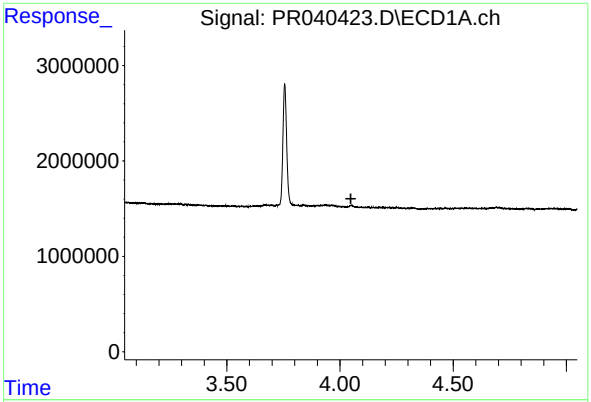

#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 69654607
Conc: 24.18 ng/ml




#2 Decachlorobiphenyl

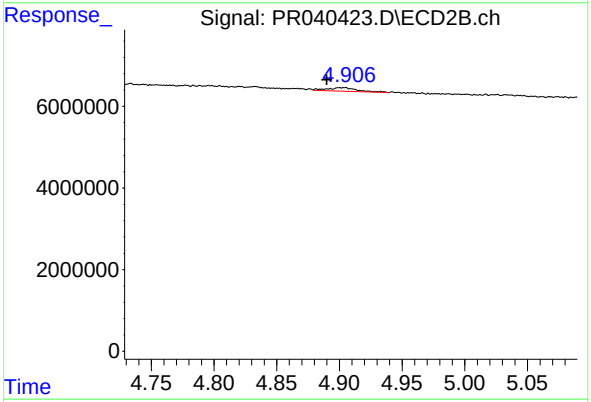
R.T.: 10.316 min
Delta R.T.: -0.003 min
Response: 260820106
Conc: 22.47 ng/ml




#9 AR-1221-2

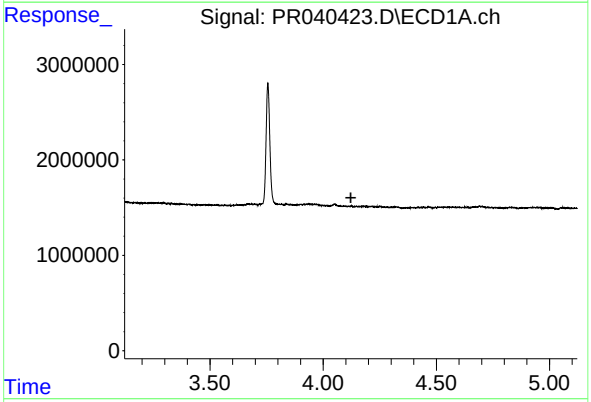
R.T.: 0.000 min
Exp R.T. : 4.048 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019



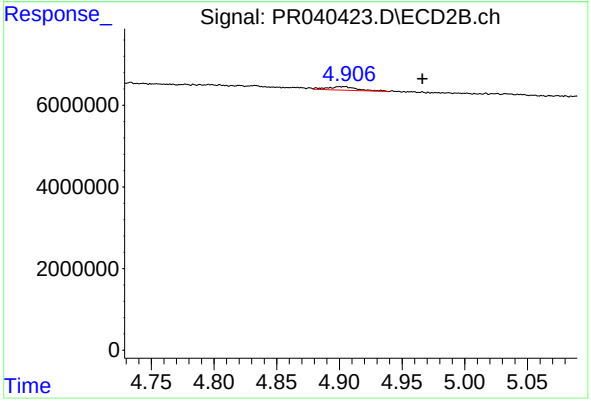

#9 AR-1221-2

R.T.: 4.905 min
Delta R.T.: 0.015 min
Response: 1509143
Conc: 24.04 ng/ml



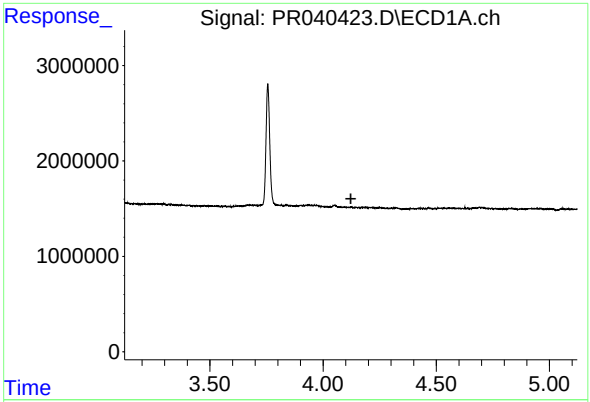

#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.122 min
Response: 0
Conc: N.D.




#10 AR-1221-3

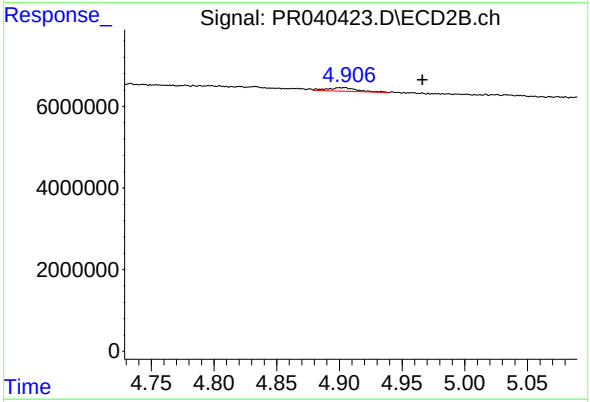
R.T.: 4.905 min
Delta R.T.: -0.061 min
Response: 1509143
Conc: 7.53 ng/ml




#11 AR-1232-1

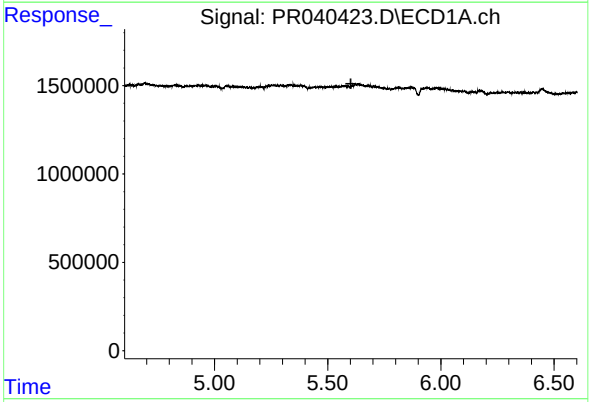
R.T.: 0.000 min
Exp R.T. : 4.123 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019



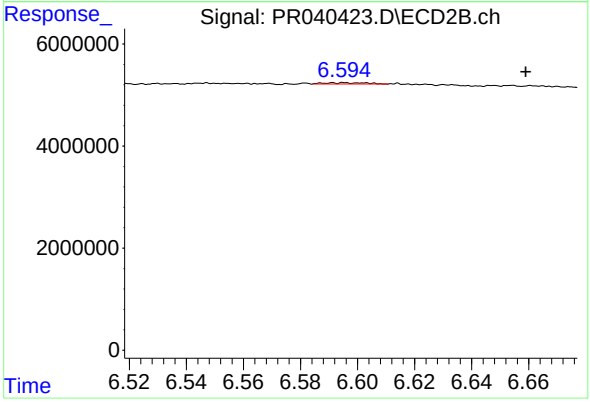

#11 AR-1232-1

R.T.: 4.905 min
Delta R.T.: -0.062 min
Response: 1509143
Conc: 7.26 ng/ml



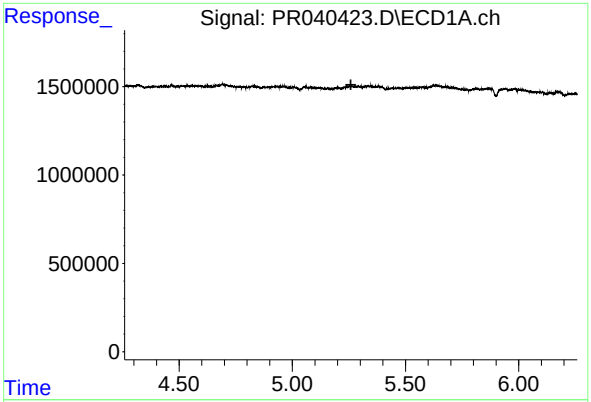

#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.603 min
Response: 0
Conc: N.D.




#20 AR-1242-5

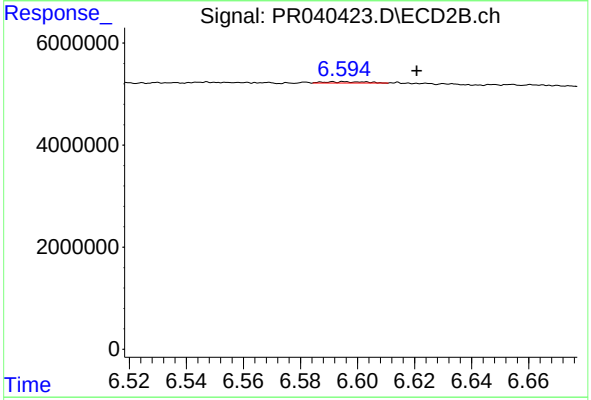
R.T.: 6.595 min
Delta R.T.: -0.064 min
Response: 263738
Conc: 1.15 ng/ml




#24 AR-1248-4

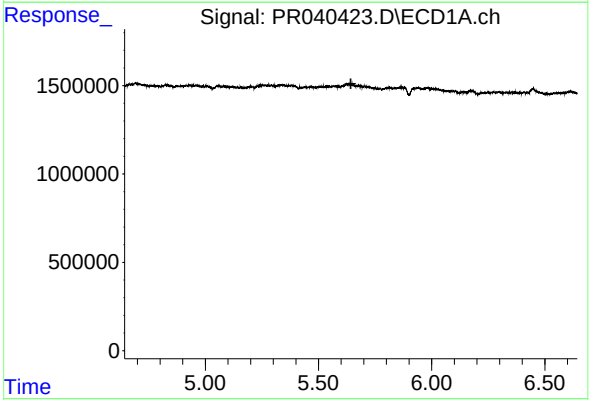
R.T.: 0.000 min
Exp R.T. : 5.259 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019



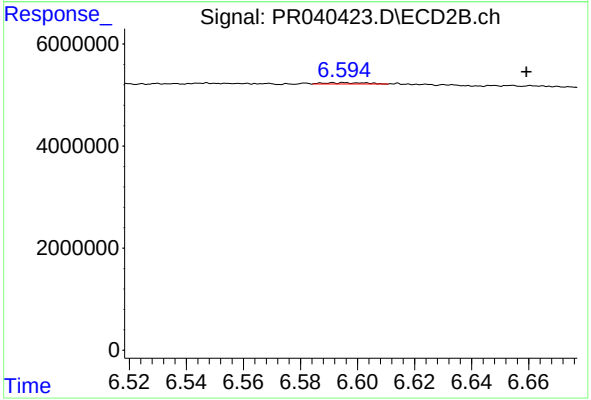

#24 AR-1248-4

R.T.: 6.595 min
Delta R.T.: -0.026 min
Response: 263738
Conc: 0.73 ng/ml



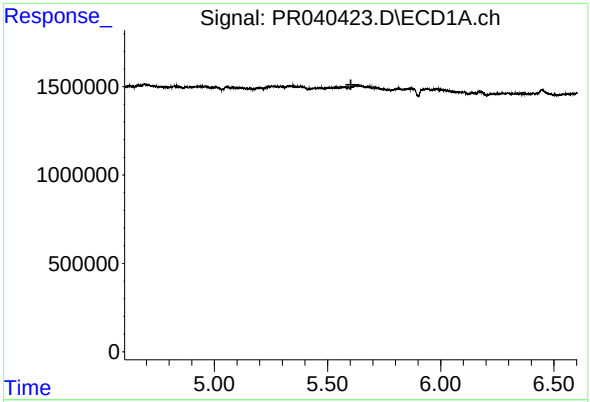

#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.643 min
Response: 0
Conc: N.D.




#25 AR-1248-5

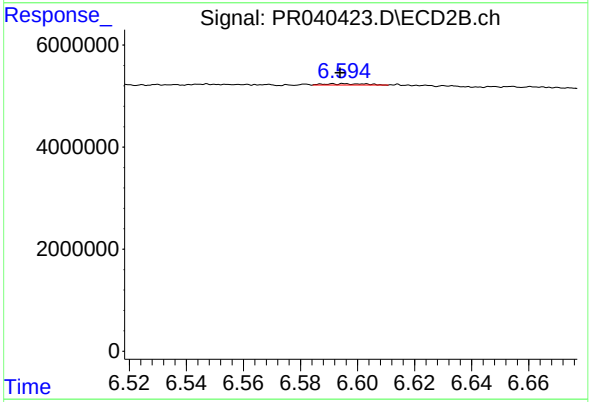
R.T.: 6.595 min
Delta R.T.: -0.064 min
Response: 263738
Conc: 0.76 ng/ml




#26 AR-1254-1

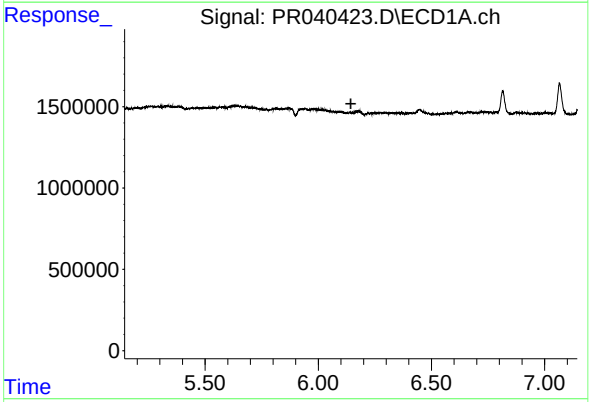
R.T.: 0.000 min
Exp R.T. : 5.603 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019



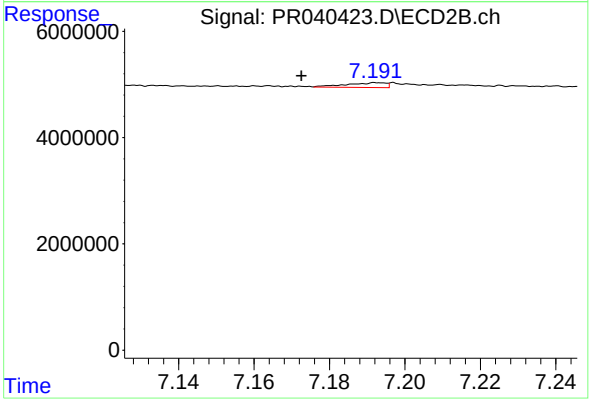

#26 AR-1254-1

R.T.: 6.595 min
Delta R.T.: 0.001 min
Response: 263738
Conc: 0.67 ng/ml



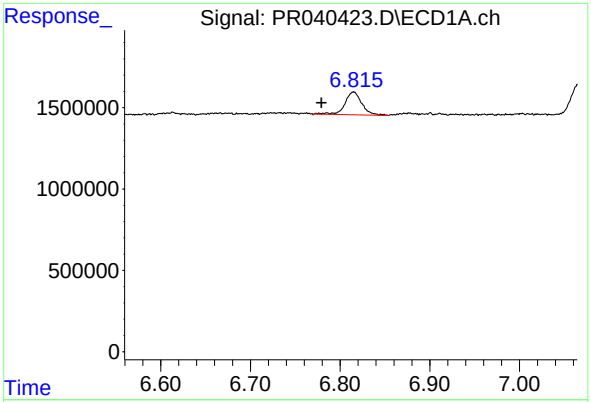

#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.144 min
Response: 0
Conc: N.D.




#28 AR-1254-3

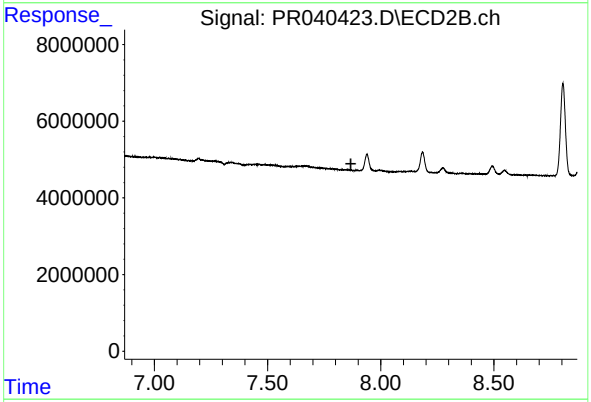
R.T.: 7.193 min
Delta R.T.: 0.020 min
Response: 660214
Conc: 0.91 ng/ml




#30 AR-1254-5

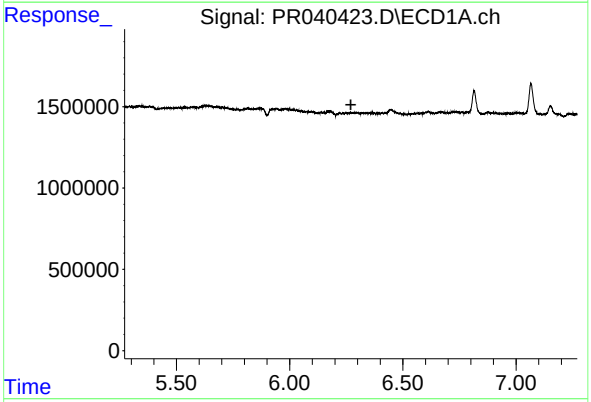
R.T.: 6.815 min
Delta R.T.: 0.036 min
Response: 1820920
Conc: 9.11 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019



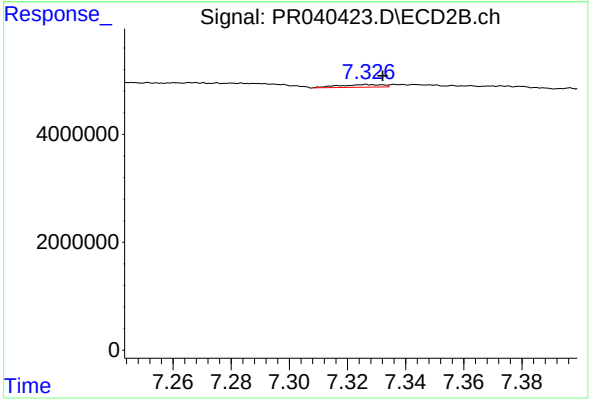

#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



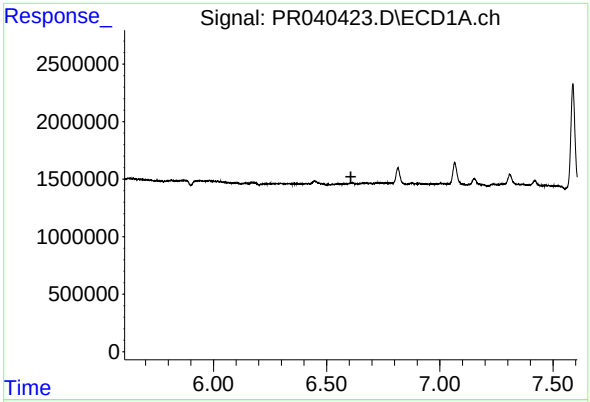

#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.271 min
Response: 0
Conc: N.D.




#31 AR-1260-1

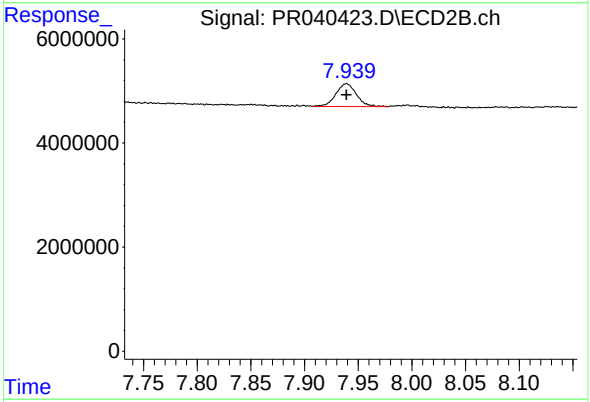
R.T.: 7.327 min
Delta R.T.: -0.006 min
Response: 517747
Conc: 1.26 ng/ml




#33 AR-1260-3

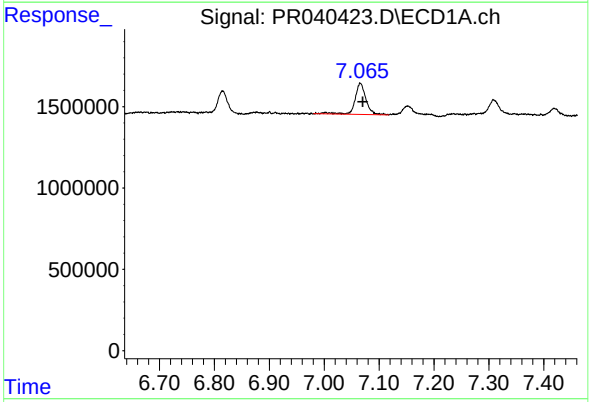
R.T.: 0.000 min
Exp R.T. : 6.607 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019



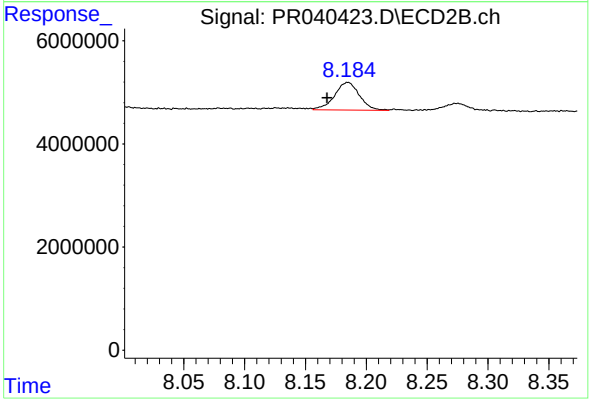

#33 AR-1260-3

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 5852935
Conc: 14.30 ng/ml



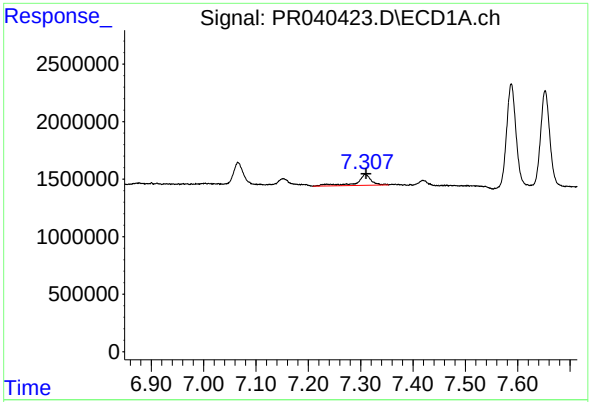

#34 AR-1260-4

R.T.: 7.066 min
Delta R.T.: -0.005 min
Response: 2679843
Conc: 21.55 ng/ml




#34 AR-1260-4

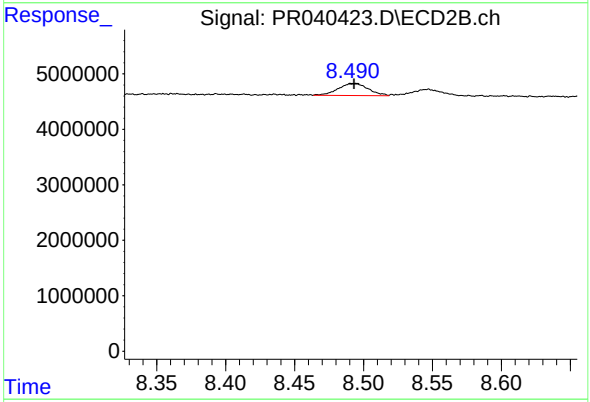
R.T.: 8.185 min
Delta R.T.: 0.017 min
Response: 7634763
Conc: 16.01 ng/ml




#35 AR-1260-5

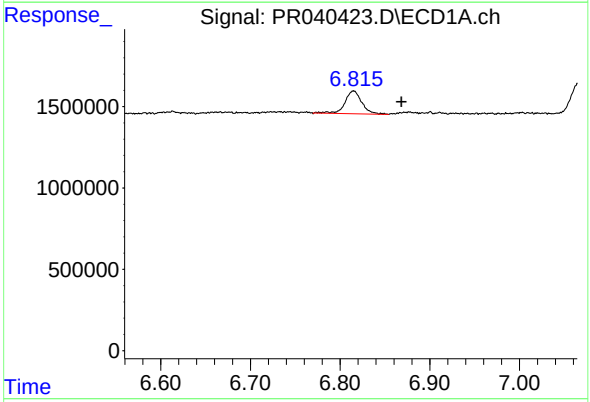
R.T.: 7.309 min
Delta R.T.: -0.001 min
Response: 1877765
Conc: 5.95 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019



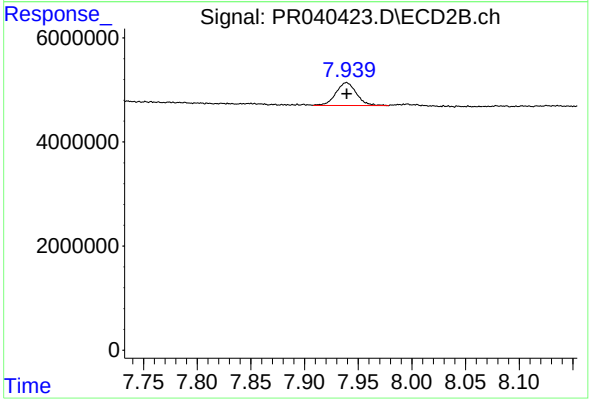

#35 AR-1260-5

R.T.: 8.495 min
Delta R.T.: 0.002 min
Response: 3304317
Conc: 3.19 ng/ml



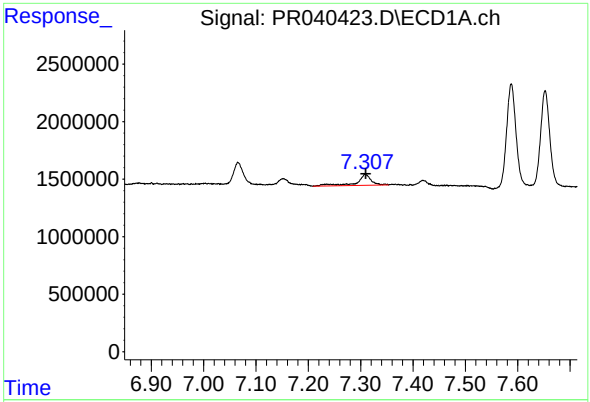

#36 AR-1262-1

R.T.: 6.815 min
Delta R.T.: -0.053 min
Response: 1820920
Conc: 26.77 ng/ml




#36 AR-1262-1

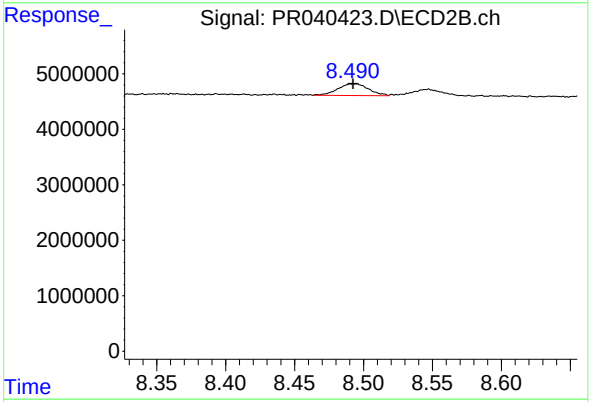
R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 5852935
Conc: 9.79 ng/ml




#37 AR-1262-2

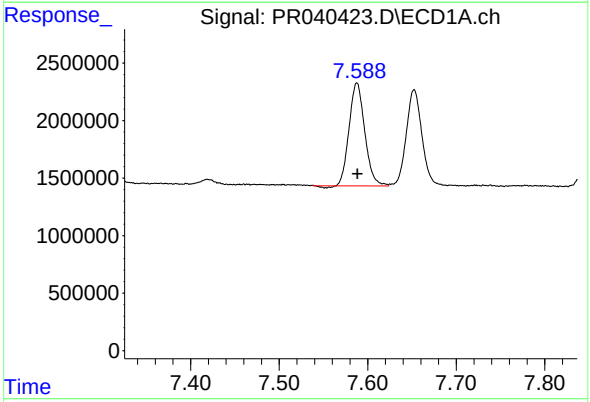
R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 1877765
Conc: 5.34 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019



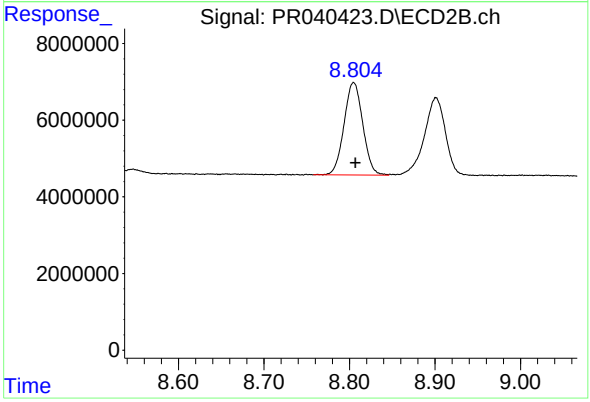

#37 AR-1262-2

R.T.: 8.495 min
Delta R.T.: 0.003 min
Response: 3304317
Conc: 2.78 ng/ml



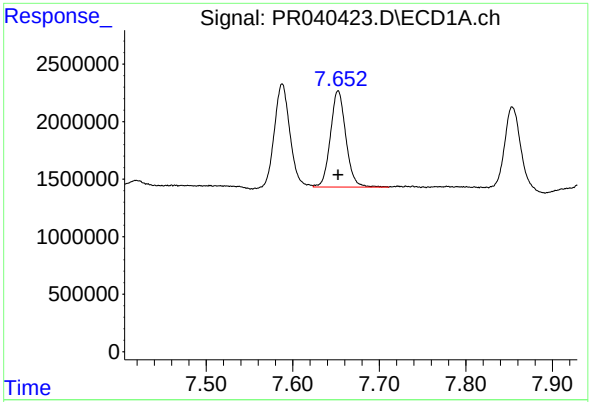

#38 AR-1262-3

R.T.: 7.588 min
Delta R.T.: 0.000 min
Response: 10954212
Conc: 78.29 ng/ml




#38 AR-1262-3

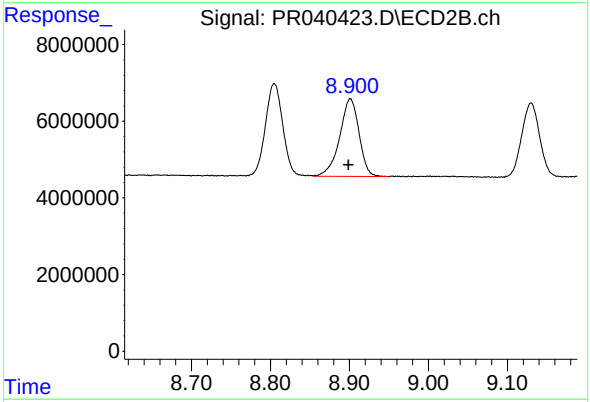
R.T.: 8.805 min
Delta R.T.: -0.002 min
Response: 36774558
Conc: 45.44 ng/ml




#39 AR-1262-4

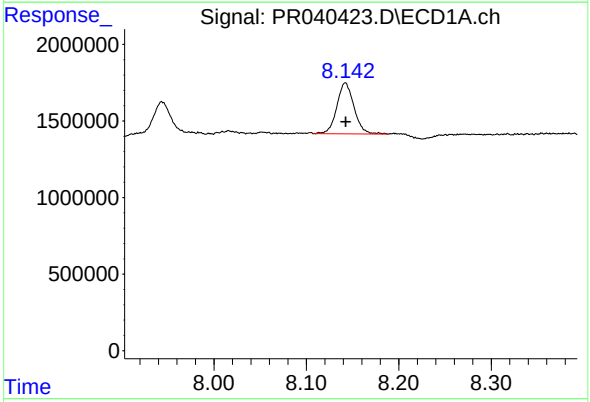
R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 10372703
Conc: 39.08 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019



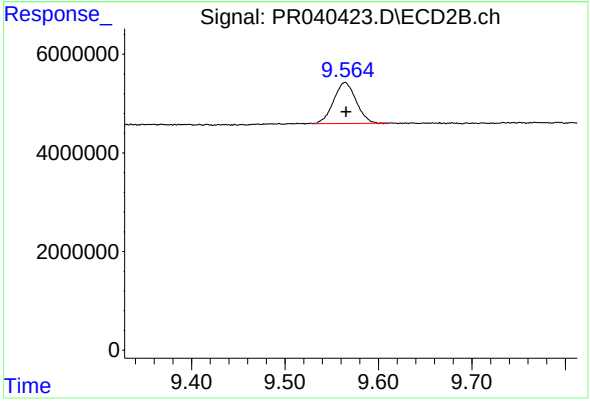

#39 AR-1262-4

R.T.: 8.901 min
Delta R.T.: 0.002 min
Response: 34580375
Conc: 55.70 ng/ml



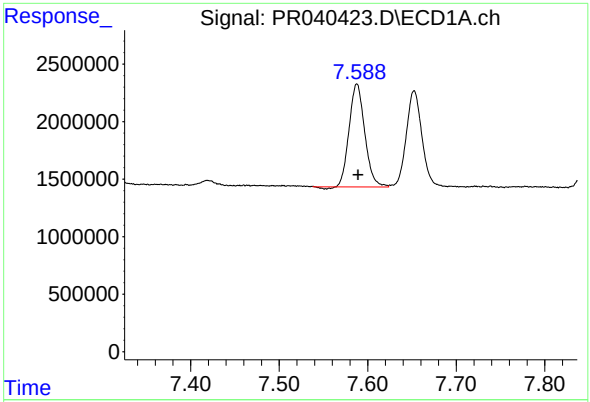

#40 AR-1262-5

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 4307666
Conc: 32.72 ng/ml




#40 AR-1262-5

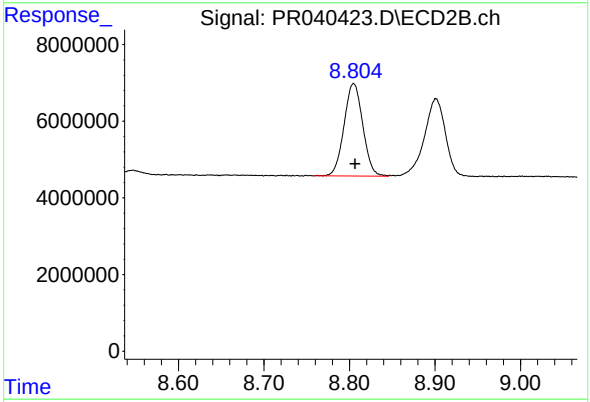
R.T.: 9.565 min
Delta R.T.: 0.000 min
Response: 13966892
Conc: 29.57 ng/ml




#41 AR-1268-1

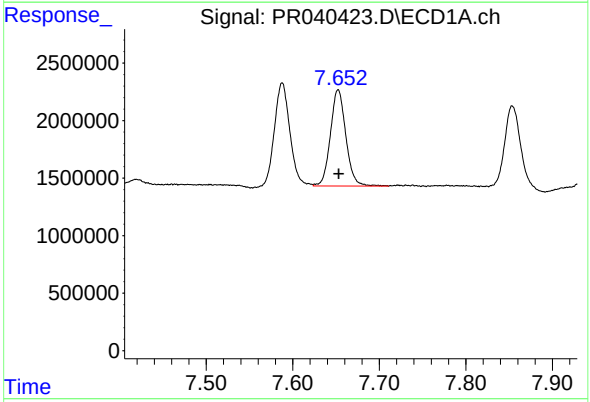
R.T.: 7.588 min
Delta R.T.: -0.001 min
Response: 10954212
Conc: 29.77 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019



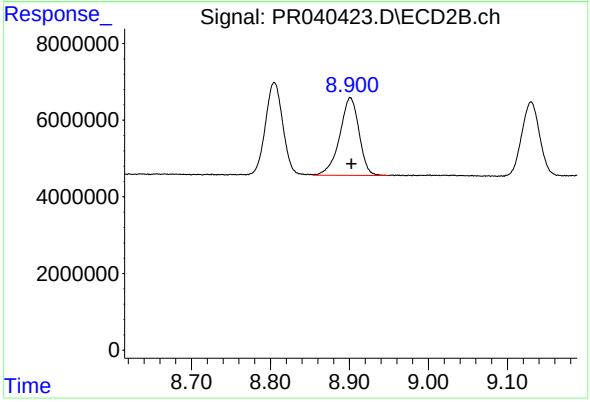

#41 AR-1268-1

R.T.: 8.805 min
Delta R.T.: -0.002 min
Response: 36774558
Conc: 28.10 ng/ml



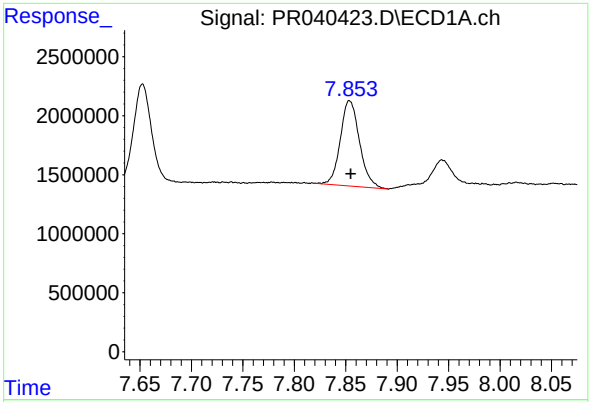

#42 AR-1268-2

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 10372703
Conc: 30.28 ng/ml




#42 AR-1268-2

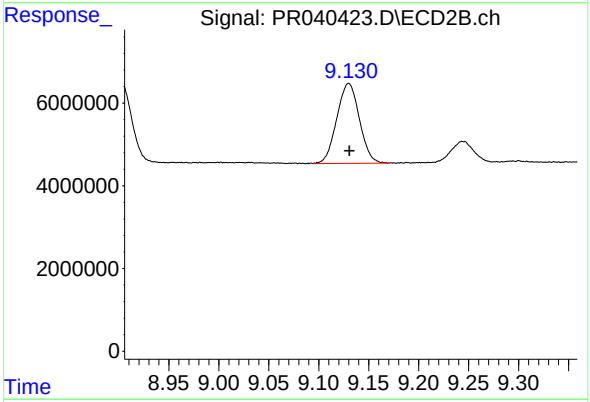
R.T.: 8.901 min
Delta R.T.: -0.002 min
Response: 34580375
Conc: 27.77 ng/ml




#43 AR-1268-3

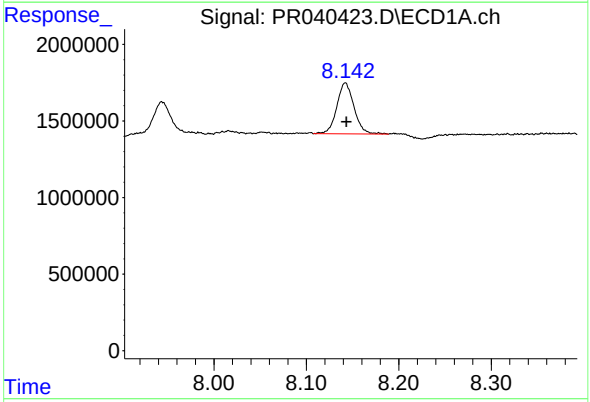
R.T.: 7.854 min
Delta R.T.: -0.001 min
Response: 9380942
Conc: 32.80 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019



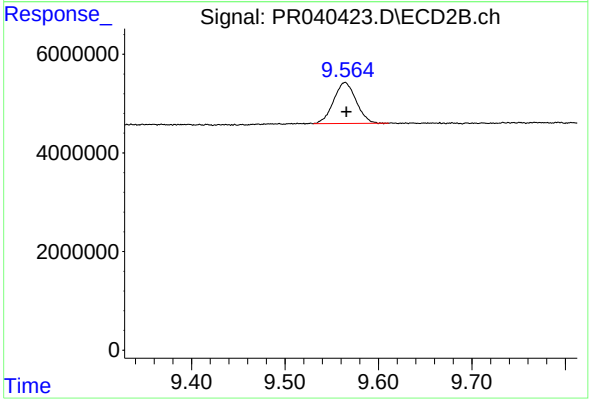

#43 AR-1268-3

R.T.: 9.130 min
Delta R.T.: 0.000 min
Response: 30419057
Conc: 28.83 ng/ml



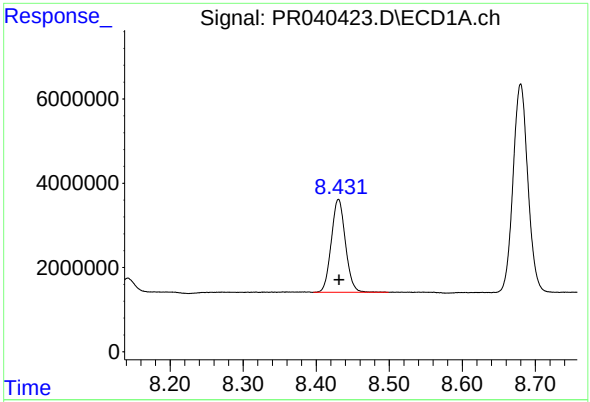

#44 AR-1268-4

R.T.: 8.142 min
Delta R.T.: -0.001 min
Response: 4307666
Conc: 31.82 ng/ml




#44 AR-1268-4

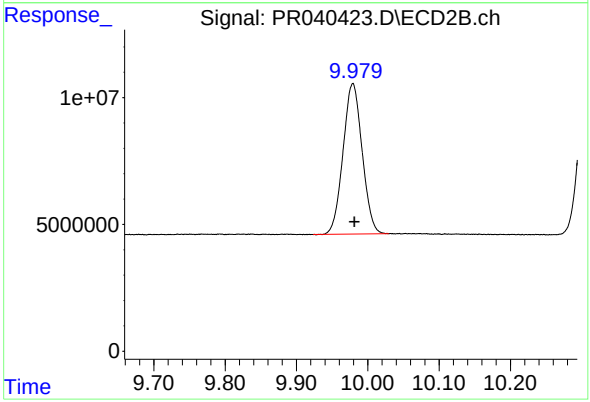
R.T.: 9.565 min
Delta R.T.: -0.001 min
Response: 13966892
Conc: 28.47 ng/ml




#45 AR-1268-5

R.T.: 8.431 min
Delta R.T.: 0.000 min
Response: 29711962
Conc: 28.82 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019




#45 AR-1268-5

R.T.: 9.979 min
Delta R.T.: -0.002 min
Response: 110381020
Conc: 27.99 ng/ml