

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR110320\  
 Data File : PR048488.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Nov 2020 00:20  
 Operator : DD\AJ  
 Sample : L4214-08  
 Misc : AR1262 LOQ 50 PPB  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 LOQ-WATER-02-QT4-2020

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 04 05:42:35 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR110320.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Nov 04 04:25:33 2020  
 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... | 4.727  | 3.882  | 38439498 | 44416464 | 15.703 | 15.297    |
| 2)                          | SA Decachlor... | 10.650 | 8.979  | 44527287 | 234.5E6  | 16.900 | 16.056    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 8)                          | L2 AR-1221-1    | 4.950  | 0.000  | 597774   | 0        | 22.272 | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.036  | 4.176  | 635446   | 2909995  | 32.009 | 132.758 # |
| 24)                         | L5 AR-1248-4    | 6.761f | 0.000  | 827244   | 0        | 9.502  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.761  | 0.000  | 827244   | 0        | 9.425  | N.D. #    |
| 27)                         | L6 AR-1254-2    | 6.979  | 5.924  | 959171   | 1347688  | 7.251  | 7.975     |
| 28)                         | L6 AR-1254-3    | 7.346  | 6.348f | 698663   | 6760631  | 4.995  | 20.200 #  |
| 29)                         | L6 AR-1254-4    | 7.637  | 6.590f | 506149   | 2864848  | 4.672  | 5.202     |
| 30)                         | L6 AR-1254-5    | 8.050  | 6.981  | 4814363  | 13026721 | 41.796 | 22.372 #  |
| 31)                         | L7 AR-1260-1    | 7.510  | 6.463  | 4562342  | 6699411  | 40.146 | 35.253    |
| 32)                         | L7 AR-1260-2    | 7.766  | 6.651  | 6501855  | 21698310 | 46.308 | 33.166 #  |
| 33)                         | L7 AR-1260-3    | 8.127  | 6.809  | 7332690  | 17720345 | 68.761 | 41.480 #  |
| 34)                         | L7 AR-1260-4    | 8.366  | 7.283  | 6680968  | 26037506 | 53.777 | 51.382    |
| 35)                         | L7 AR-1260-5    | 8.704  | 7.527  | 12551938 | 81082469 | 50.158 | 39.837    |
| 36)                         | L8 AR-1262-1    | 8.127  | 6.981  | 7332690  | 13026721 | 54.251 | 43.037    |
| 37)                         | L8 AR-1262-2    | 8.704  | 7.527  | 12551938 | 81082469 | 50.687 | 39.526    |
| 38)                         | L8 AR-1262-3    | 9.036  | 7.815  | 8955982  | 33361801 | 51.339 | 41.569    |
| 39)                         | L8 AR-1262-4    | 9.133  | 7.881  | 6650132  | 57561289 | 49.411 | 42.102    |
| 40)                         | L8 AR-1262-5    | 9.839  | 8.395  | 4962528  | 33625251 | 49.732 | 47.840    |
| 41)                         | L9 AR-1268-1    | 9.036  | 7.815  | 8955982  | 33361801 | 27.700 | 12.761 #  |
| 42)                         | L9 AR-1268-2    | 9.133  | 7.881  | 6650132  | 57561289 | 21.801 | 25.207    |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.093  | 0        | 4223628  | N.D.   | 2.154 #   |
| 44)                         | L9 AR-1268-4    | 9.839  | 8.395  | 4962528  | 33625251 | 41.755 | 43.390    |
| 45)                         | L9 AR-1268-5    | 10.285 | 8.706  | 2233800  | 16392132 | 2.619  | 2.905     |
| -----                       |                 |        |        |          |          |        |           |

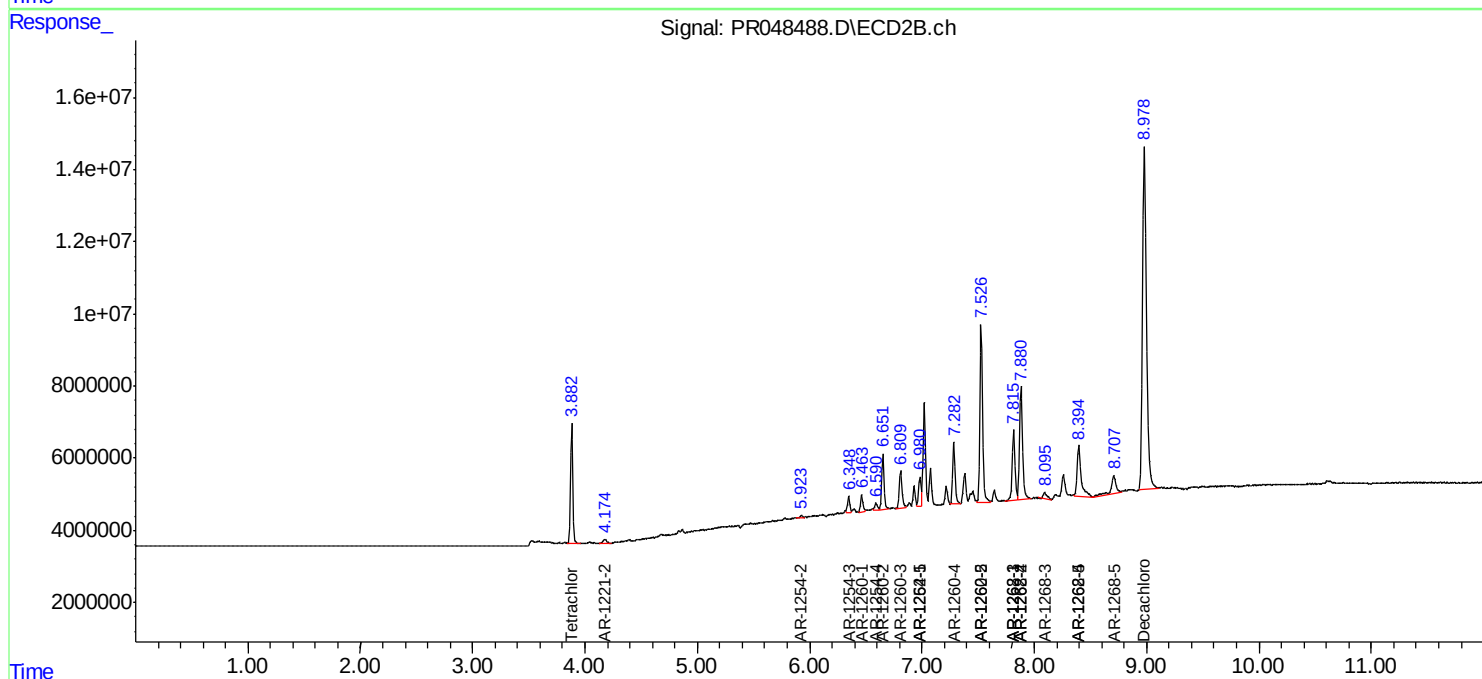
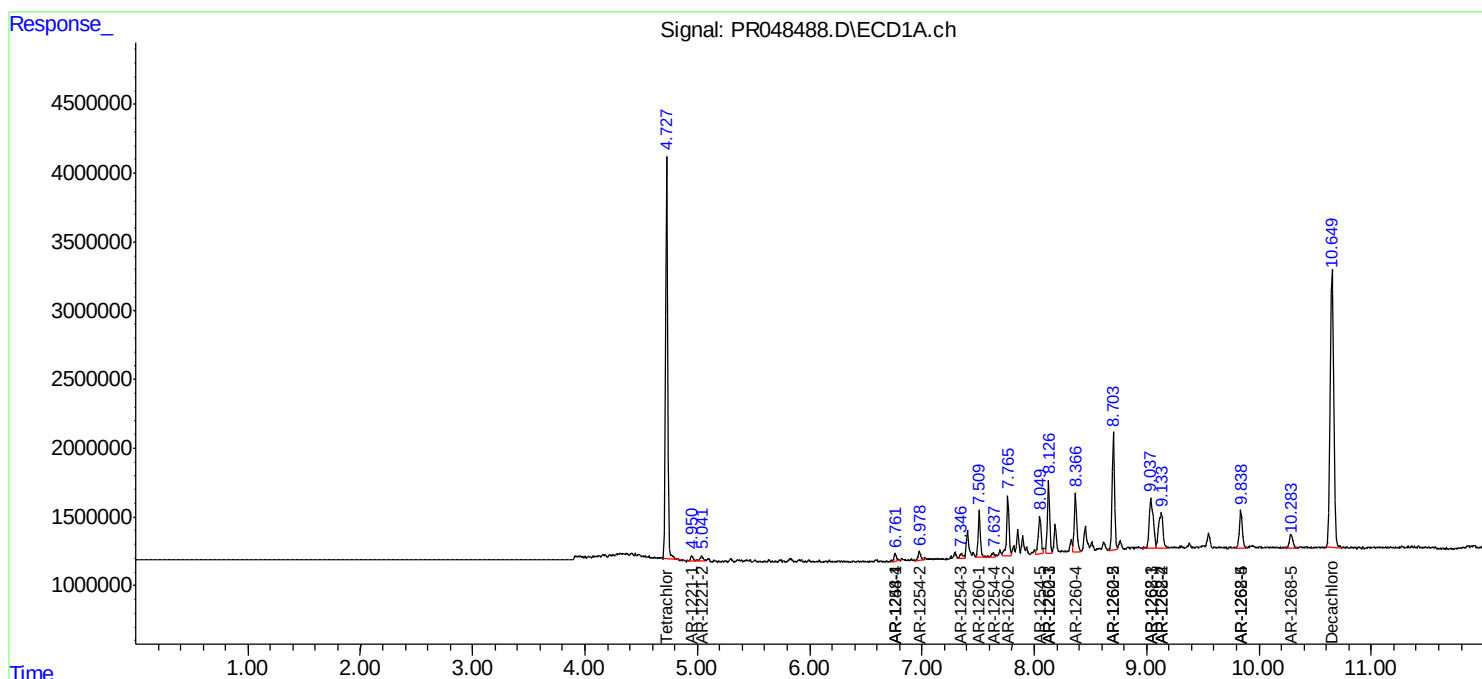
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

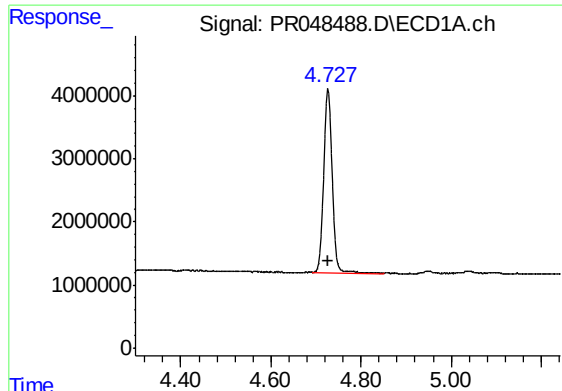
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR110320\  
Data File : PR048488.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Nov 2020 00:20  
Operator : DD\AJ  
Sample : L4214-08  
Misc : AR1262 LOQ 50 PPB  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 04 05:42:35 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR110320.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Nov 04 04:25:33 2020  
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

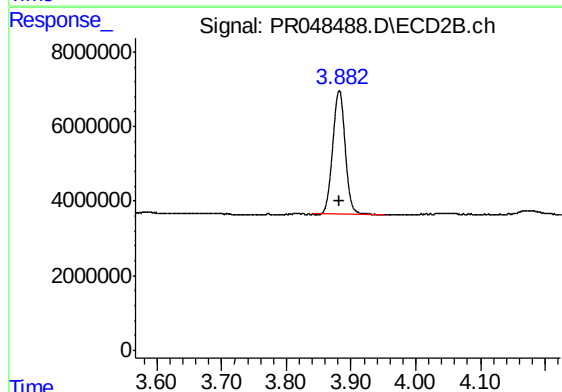




#1 Tetrachloro-m-xylene

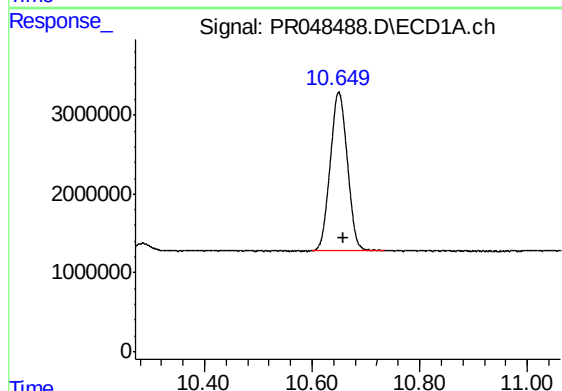
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 38439498  
Conc: 15.70 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020



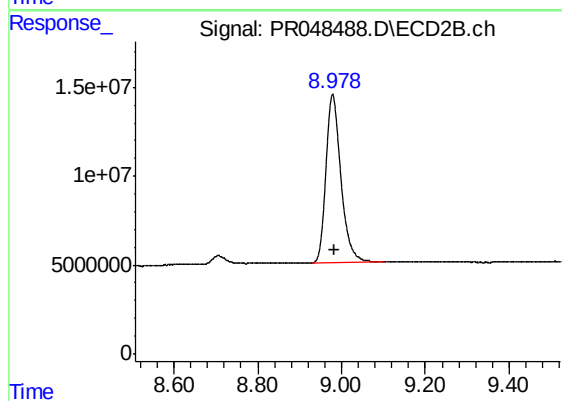
#1 Tetrachloro-m-xylene

R.T.: 3.882 min  
Delta R.T.: 0.000 min  
Response: 44416464  
Conc: 15.30 ng/ml



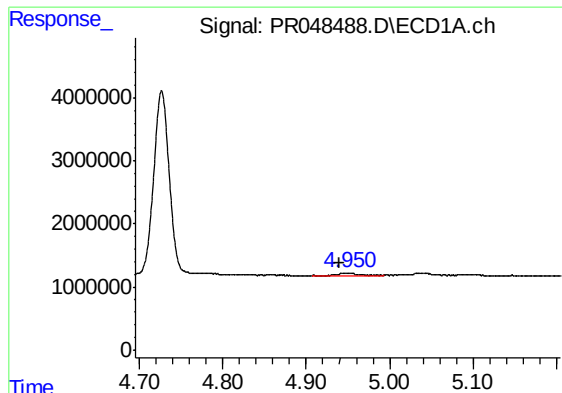
#2 Decachlorobiphenyl

R.T.: 10.650 min  
Delta R.T.: -0.009 min  
Response: 44527287  
Conc: 16.90 ng/ml



#2 Decachlorobiphenyl

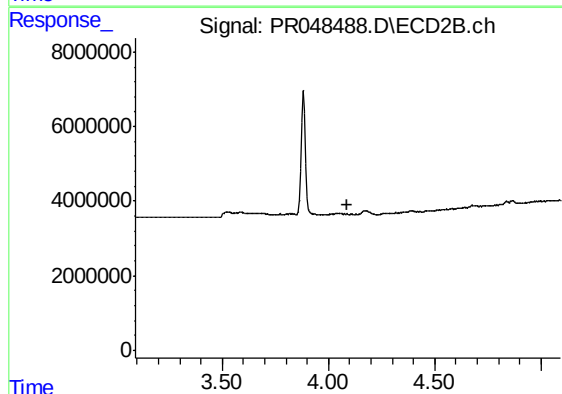
R.T.: 8.979 min  
Delta R.T.: -0.005 min  
Response: 234501647  
Conc: 16.06 ng/ml



#8 AR-1221-1

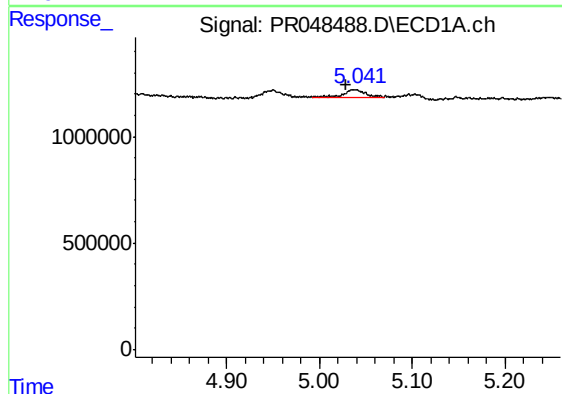
R.T.: 4.950 min  
Delta R.T.: 0.010 min  
Response: 597774  
Conc: 22.27 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020



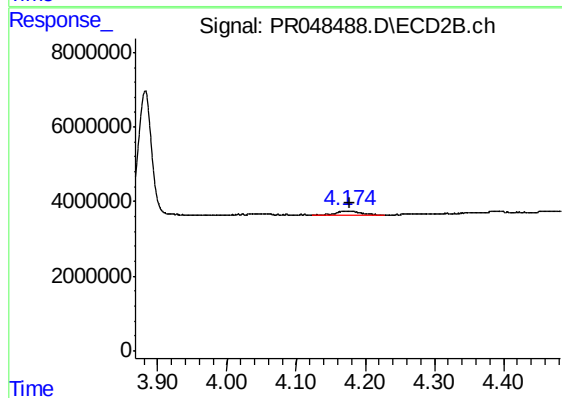
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.091 min  
Response: 0  
Conc: N.D.



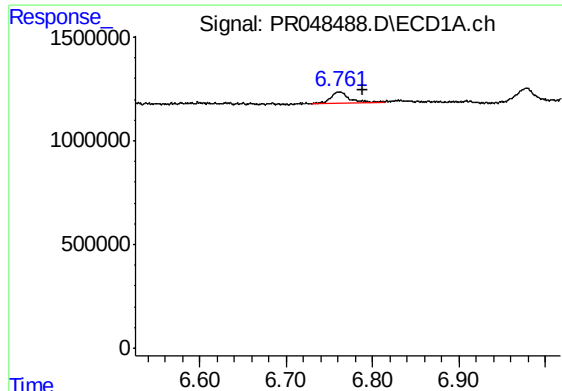
#9 AR-1221-2

R.T.: 5.036 min  
Delta R.T.: 0.008 min  
Response: 635446  
Conc: 32.01 ng/ml



#9 AR-1221-2

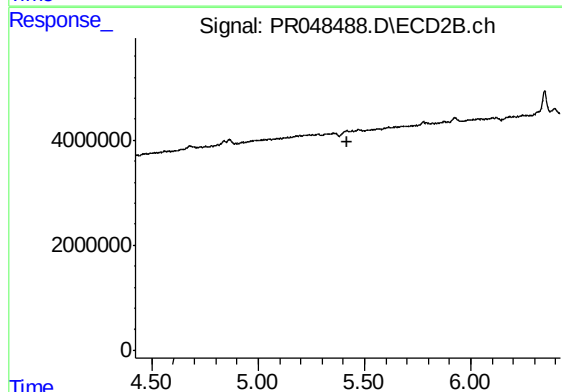
R.T.: 4.176 min  
Delta R.T.: -0.002 min  
Response: 2909995  
Conc: 132.76 ng/ml



#24 AR-1248-4

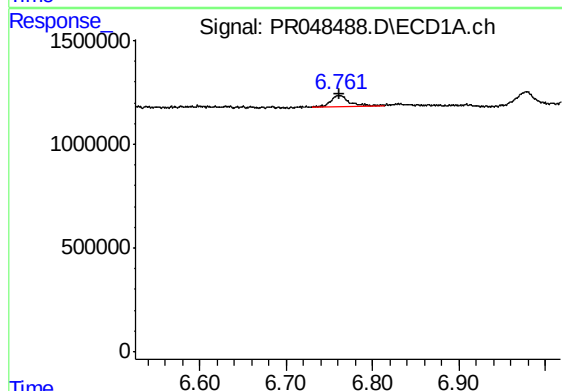
R.T.: 6.761 min  
Delta R.T.: -0.027 min  
Response: 827244  
Conc: 9.50 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020



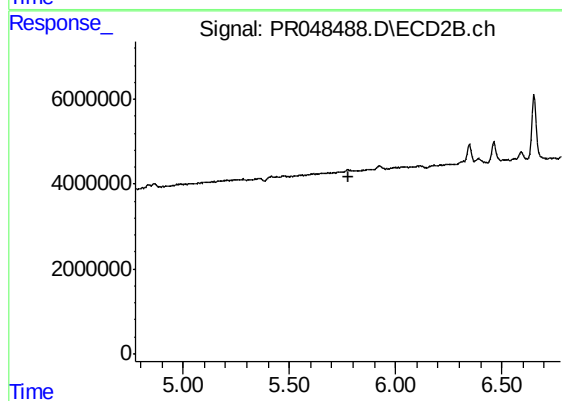
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.422 min  
Response: 0  
Conc: N.D.



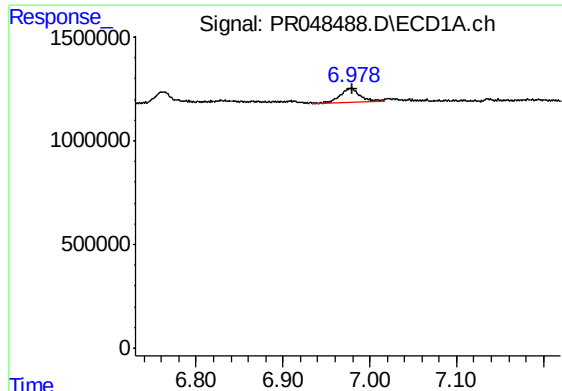
#26 AR-1254-1

R.T.: 6.761 min  
Delta R.T.: 0.000 min  
Response: 827244  
Conc: 9.42 ng/ml



#26 AR-1254-1

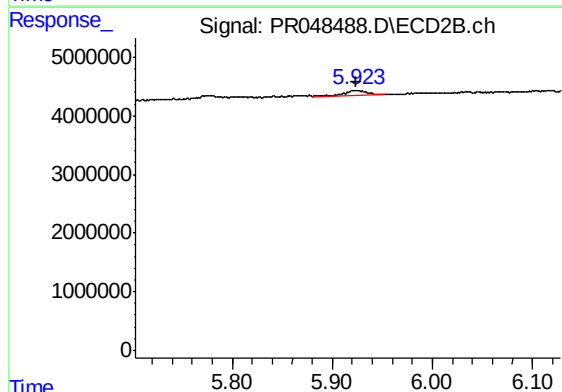
R.T.: 0.000 min  
Exp R.T. : 5.776 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

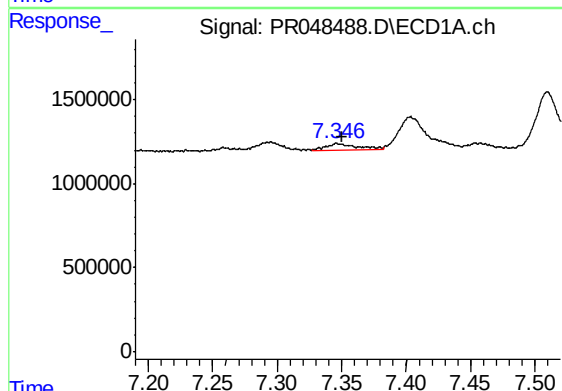
R.T.: 6.979 min  
Delta R.T.: 0.000 min  
Response: 959171  
Conc: 7.25 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020



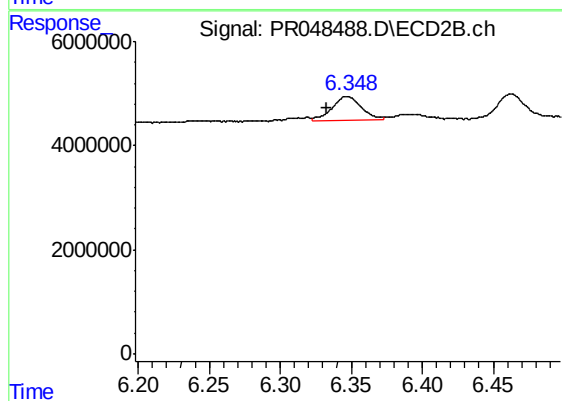
#27 AR-1254-2

R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 1347688  
Conc: 7.97 ng/ml



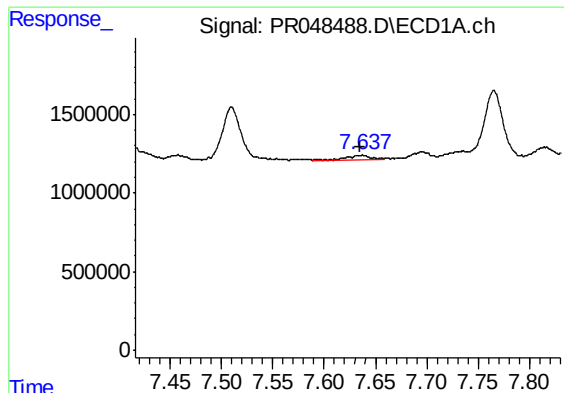
#28 AR-1254-3

R.T.: 7.346 min  
Delta R.T.: -0.004 min  
Response: 698663  
Conc: 5.00 ng/ml



#28 AR-1254-3

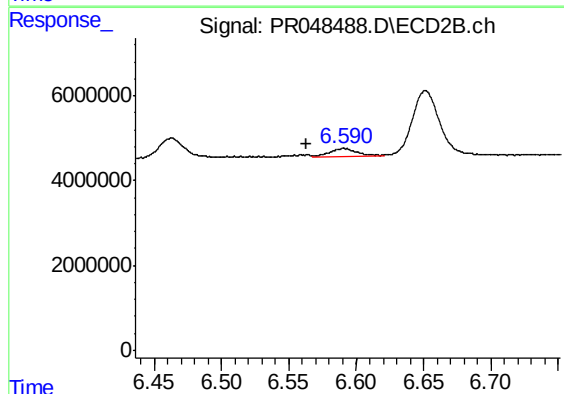
R.T.: 6.348 min  
Delta R.T.: 0.015 min  
Response: 6760631  
Conc: 20.20 ng/ml



#29 AR-1254-4

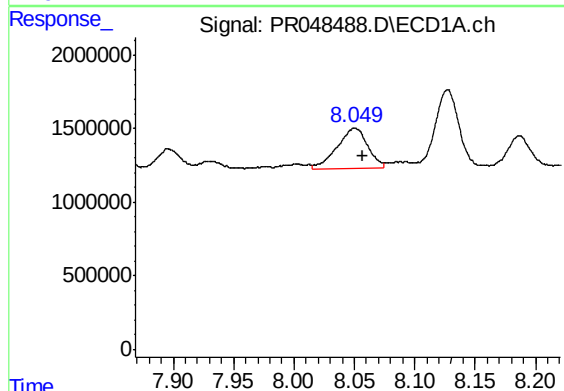
R.T.: 7.637 min  
Delta R.T.: 0.002 min  
Response: 506149  
Conc: 4.67 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020



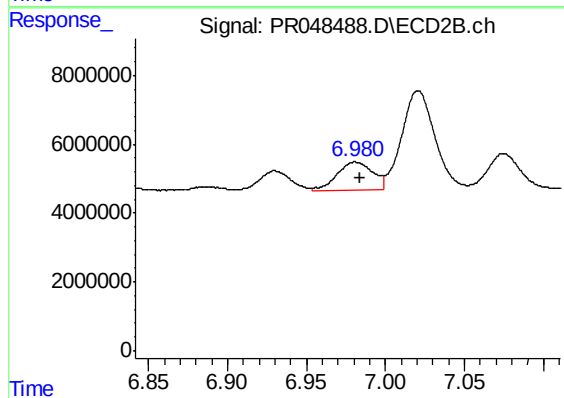
#29 AR-1254-4

R.T.: 6.590 min  
Delta R.T.: 0.028 min  
Response: 2864848  
Conc: 5.20 ng/ml



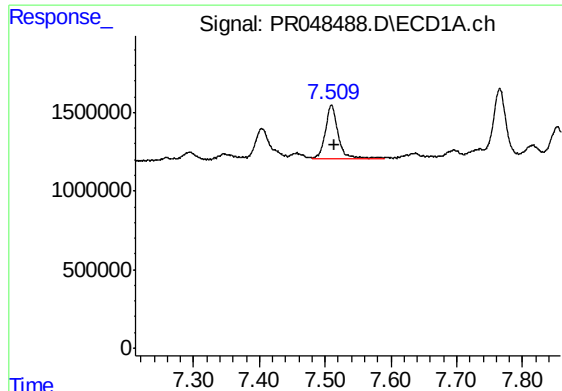
#30 AR-1254-5

R.T.: 8.050 min  
Delta R.T.: -0.006 min  
Response: 4814363  
Conc: 41.80 ng/ml



#30 AR-1254-5

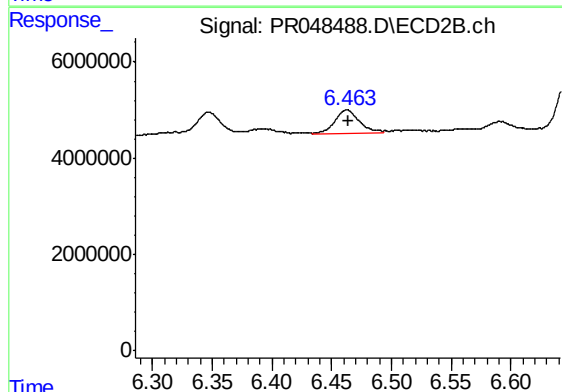
R.T.: 6.981 min  
Delta R.T.: -0.003 min  
Response: 13026721  
Conc: 22.37 ng/ml



#31 AR-1260-1

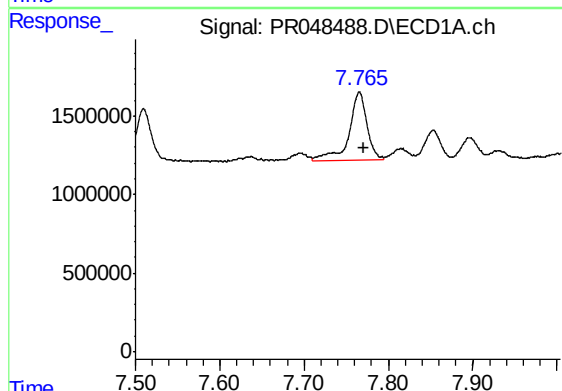
R.T.: 7.510 min  
Delta R.T.: -0.005 min  
Response: 4562342  
Conc: 40.15 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020



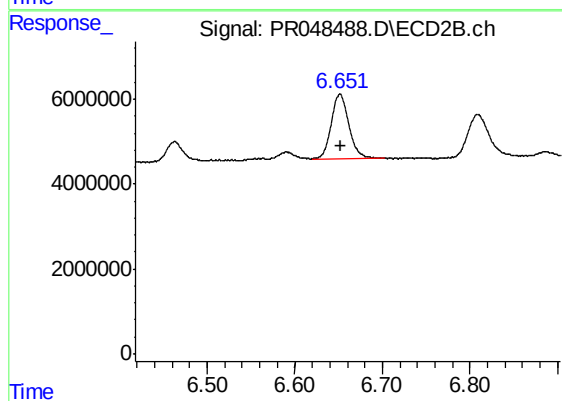
#31 AR-1260-1

R.T.: 6.463 min  
Delta R.T.: 0.000 min  
Response: 6699411  
Conc: 35.25 ng/ml



#32 AR-1260-2

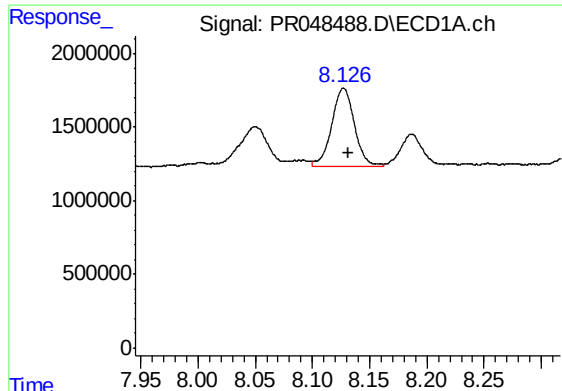
R.T.: 7.766 min  
Delta R.T.: -0.005 min  
Response: 6501855  
Conc: 46.31 ng/ml



#32 AR-1260-2

R.T.: 6.651 min  
Delta R.T.: -0.001 min  
Response: 21698310  
Conc: 33.17 ng/ml

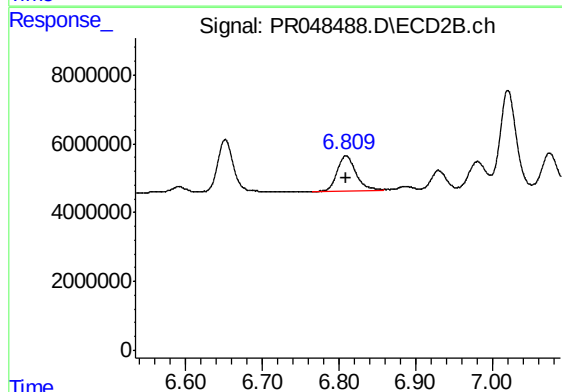




#33 AR-1260-3

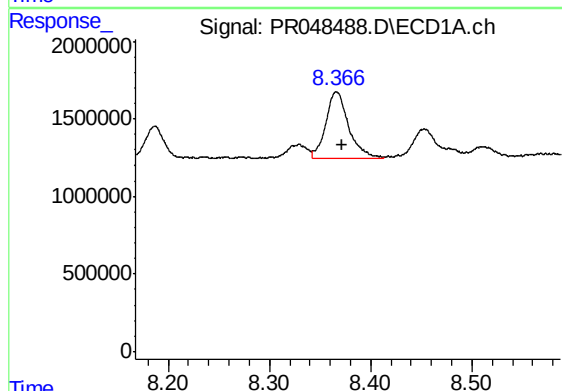
R.T.: 8.127 min  
Delta R.T.: -0.005 min  
Response: 7332690  
Conc: 68.76 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020



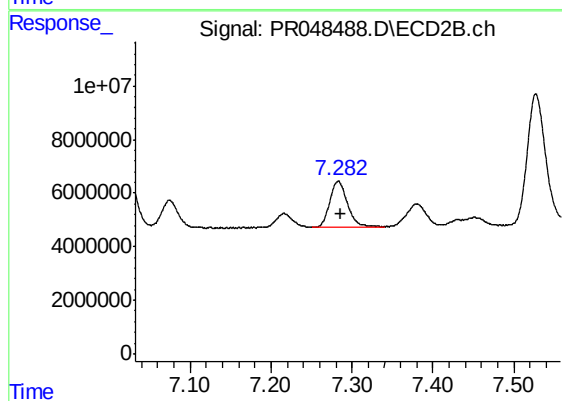
#33 AR-1260-3

R.T.: 6.809 min  
Delta R.T.: 0.000 min  
Response: 17720345  
Conc: 41.48 ng/ml



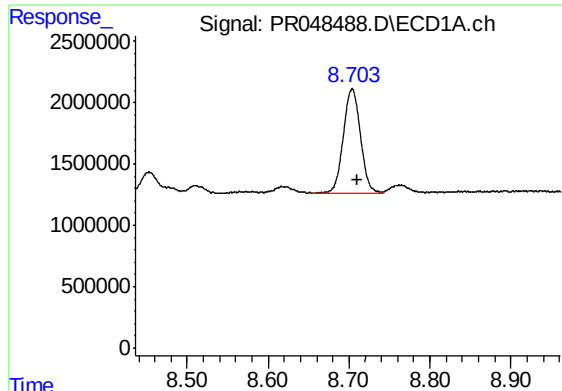
#34 AR-1260-4

R.T.: 8.366 min  
Delta R.T.: -0.005 min  
Response: 6680968  
Conc: 53.78 ng/ml



#34 AR-1260-4

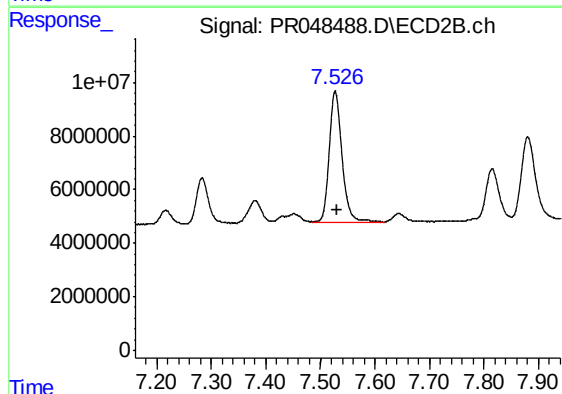
R.T.: 7.283 min  
Delta R.T.: -0.003 min  
Response: 26037506  
Conc: 51.38 ng/ml



#35 AR-1260-5

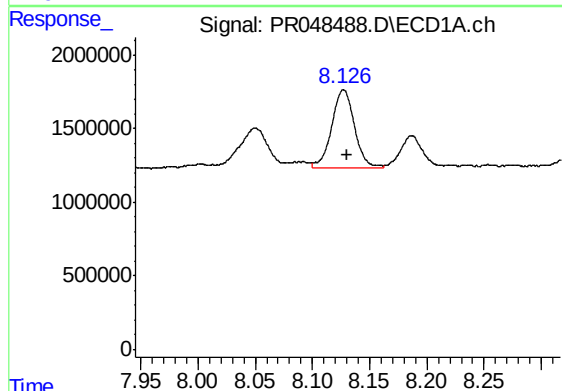
R.T.: 8.704 min  
Delta R.T.: -0.007 min  
Response: 12551938  
Conc: 50.16 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020



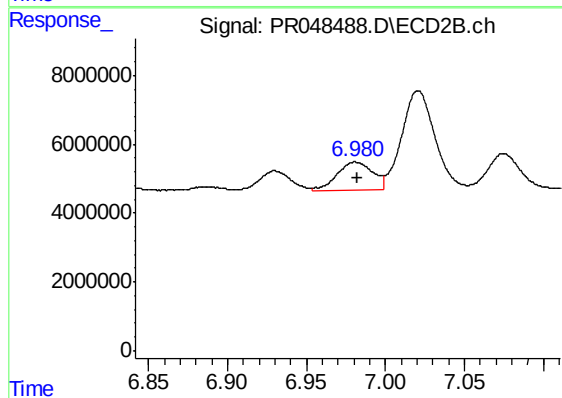
#35 AR-1260-5

R.T.: 7.527 min  
Delta R.T.: -0.003 min  
Response: 81082469  
Conc: 39.84 ng/ml



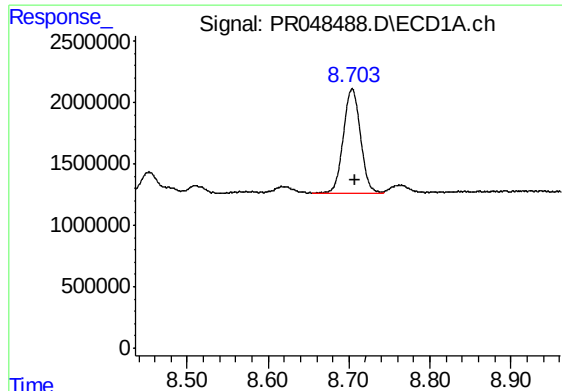
#36 AR-1262-1

R.T.: 8.127 min  
Delta R.T.: -0.003 min  
Response: 7332690  
Conc: 54.25 ng/ml



#36 AR-1262-1

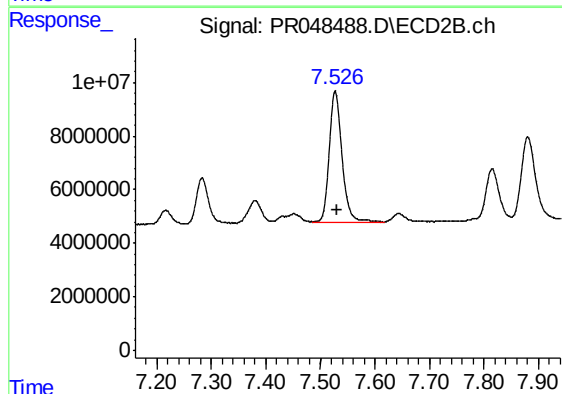
R.T.: 6.981 min  
Delta R.T.: -0.002 min  
Response: 13026721  
Conc: 43.04 ng/ml



#37 AR-1262-2

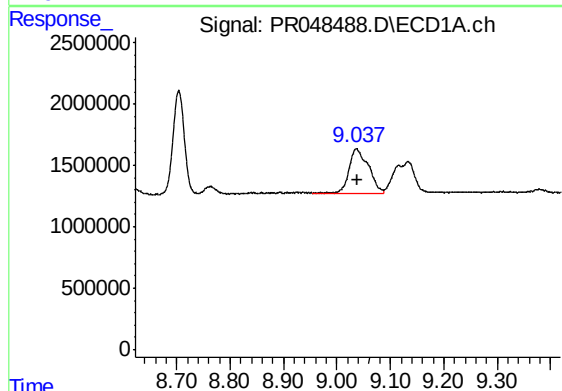
R.T.: 8.704 min  
Delta R.T.: -0.004 min  
Response: 12551938  
Conc: 50.69 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020



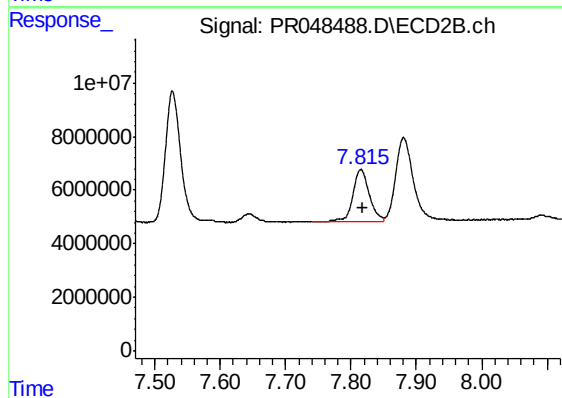
#37 AR-1262-2

R.T.: 7.527 min  
Delta R.T.: -0.003 min  
Response: 81082469  
Conc: 39.53 ng/ml



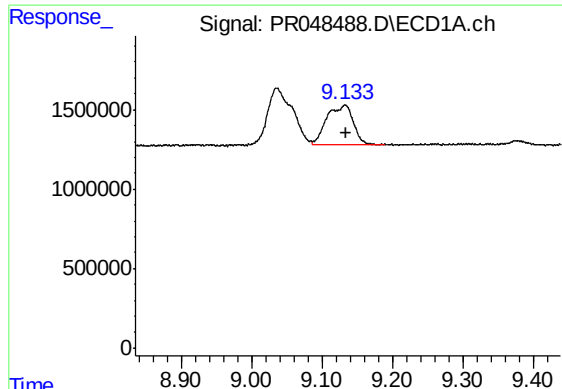
#38 AR-1262-3

R.T.: 9.036 min  
Delta R.T.: -0.003 min  
Response: 8955982  
Conc: 51.34 ng/ml



#38 AR-1262-3

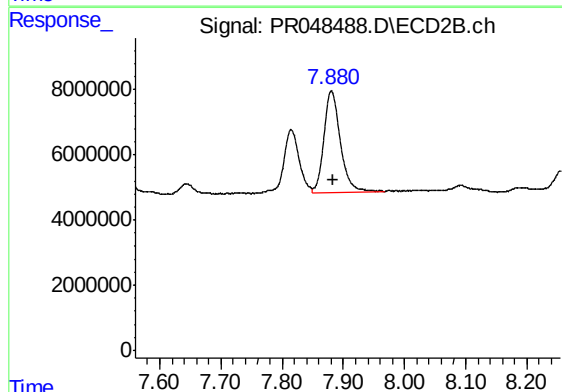
R.T.: 7.815 min  
Delta R.T.: -0.003 min  
Response: 33361801  
Conc: 41.57 ng/ml



#39 AR-1262-4

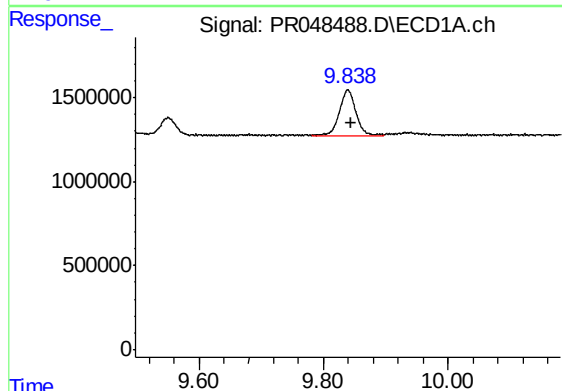
R.T.: 9.133 min  
Delta R.T.: -0.002 min  
Response: 6650132  
Conc: 49.41 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020



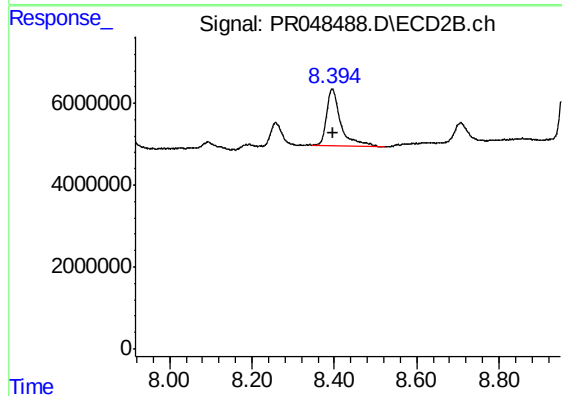
#39 AR-1262-4

R.T.: 7.881 min  
Delta R.T.: -0.003 min  
Response: 57561289  
Conc: 42.10 ng/ml



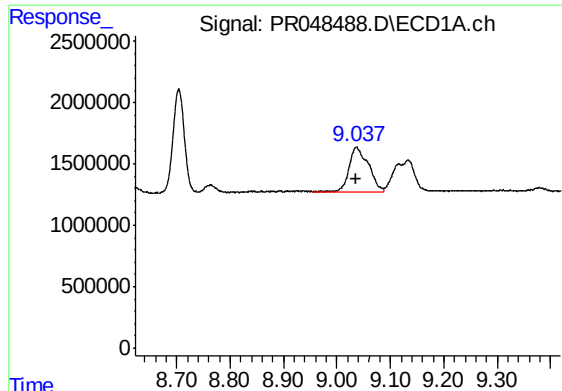
#40 AR-1262-5

R.T.: 9.839 min  
Delta R.T.: -0.005 min  
Response: 4962528  
Conc: 49.73 ng/ml



#40 AR-1262-5

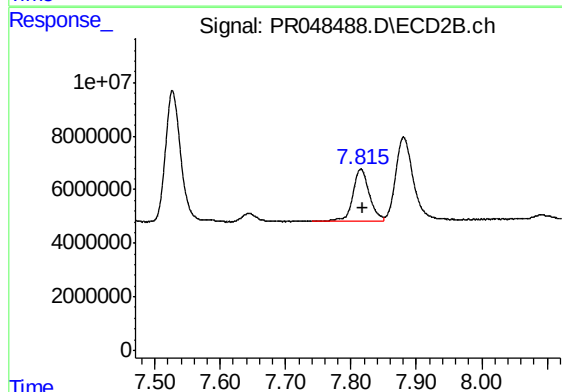
R.T.: 8.395 min  
Delta R.T.: -0.004 min  
Response: 33625251  
Conc: 47.84 ng/ml



#41 AR-1268-1

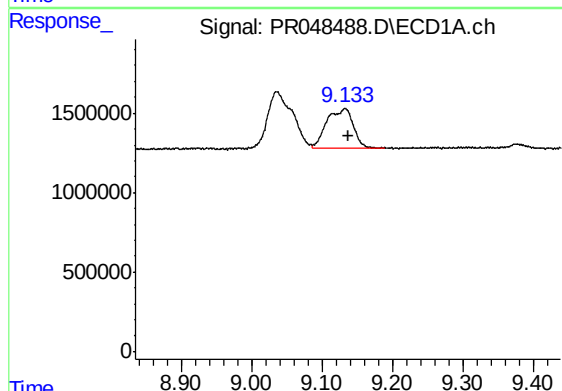
R.T.: 9.036 min  
Delta R.T.: -0.001 min  
Response: 8955982  
Conc: 27.70 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020



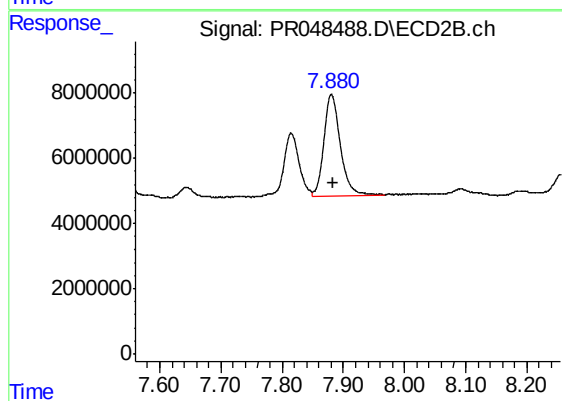
#41 AR-1268-1

R.T.: 7.815 min  
Delta R.T.: -0.003 min  
Response: 33361801  
Conc: 12.76 ng/ml



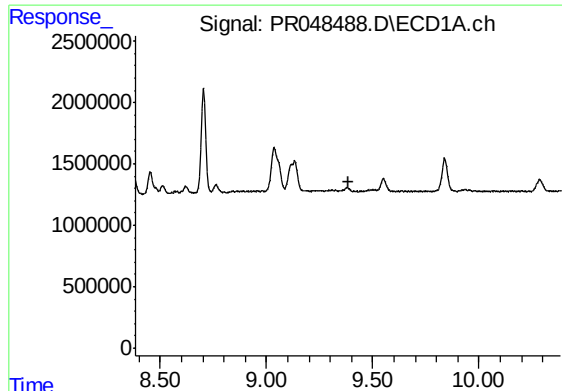
#42 AR-1268-2

R.T.: 9.133 min  
Delta R.T.: -0.006 min  
Response: 6650132  
Conc: 21.80 ng/ml



#42 AR-1268-2

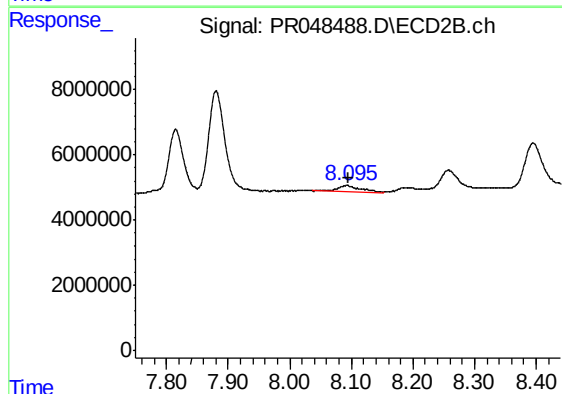
R.T.: 7.881 min  
Delta R.T.: -0.004 min  
Response: 57561289  
Conc: 25.21 ng/ml



#43 AR-1268-3

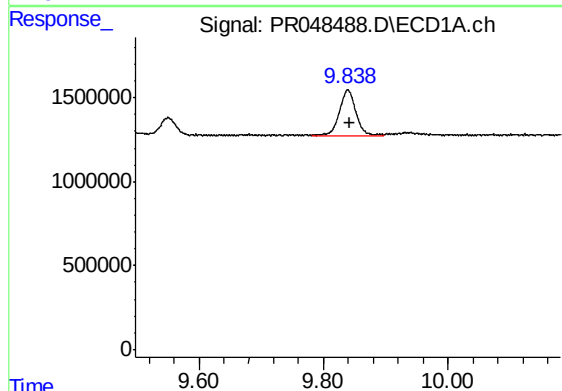
R.T.: 0.000 min  
Exp R.T.: 9.384 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020



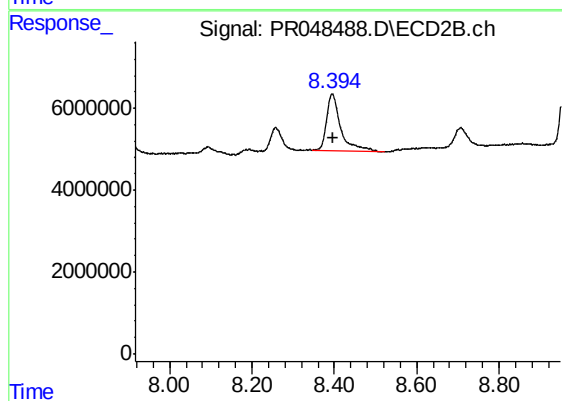
#43 AR-1268-3

R.T.: 8.093 min  
Delta R.T.: -0.003 min  
Response: 4223628  
Conc: 2.15 ng/ml



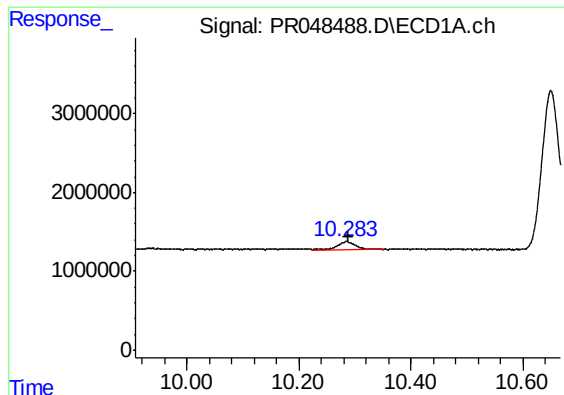
#44 AR-1268-4

R.T.: 9.839 min  
Delta R.T.: -0.004 min  
Response: 4962528  
Conc: 41.76 ng/ml



#44 AR-1268-4

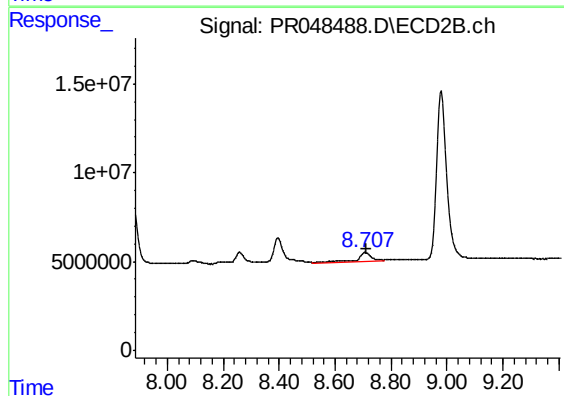
R.T.: 8.395 min  
Delta R.T.: -0.004 min  
Response: 33625251  
Conc: 43.39 ng/ml



#45 AR-1268-5

R.T.: 10.285 min  
Delta R.T.: -0.004 min  
Response: 2233800  
Conc: 2.62 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOQ-WATER-02-QT4-2020



#45 AR-1268-5

R.T.: 8.706 min  
Delta R.T.: -0.004 min  
Response: 16392132  
Conc: 2.90 ng/ml