

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR063022\  
 Data File : PR055111.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jun 2022 22:29  
 Operator : AJ\MA  
 Sample : N3214-07  
 Misc : AR1254 LOD 25 PPB  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 30 03:22:16 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR062722.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Jun 27 17:05:06 2022  
 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... | 3.640  | 2.912  | 80444697 | 36812613 | 22.117  | 22.051    |
| 2)                          | SA Decachlor... | 9.528  | 8.136  | 34304678 | 33607028 | 23.791  | 23.919    |
|                             |                 |        |        |          |          |         |           |
| Target Compounds            |                 |        |        |          |          |         |           |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.269  | 0        | 1031020  | N.D.    | 31.199 #  |
| 7)                          | L1 AR-1016-5    | 5.364  | 4.484  | 1218496  | 701156   | 18.893  | 16.597    |
| 8)                          | L2 AR-1221-1    | 3.855  | 0.000  | 9178009  | 0        | 204.738 | N.D. #    |
| 9)                          | L2 AR-1221-2    | 3.951  | 3.211  | 1482823  | 2329913  | 45.202  | 147.850 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.309  | 0        | 365594   | N.D.    | 19.771 #  |
| 15)                         | L3 AR-1232-5    | 5.153  | 4.484  | 1911292  | 701156   | 70.685  | 31.266 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.309  | 0        | 365594   | N.D.    | 11.110 #  |
| 20)                         | L4 AR-1242-5    | 5.839  | 4.851  | 990669   | 2250152  | 18.916  | 52.053 #  |
| 22)                         | L5 AR-1248-2    | 5.153  | 4.269  | 1911292  | 1031020  | 23.233  | 21.742    |
| 23)                         | L5 AR-1248-3    | 5.364  | 4.309  | 1218496  | 365594   | 13.616  | 7.684 #   |
| 24)                         | L5 AR-1248-4    | 5.797  | 4.484  | 1463749  | 701156   | 16.509  | 11.891 #  |
| 25)                         | L5 AR-1248-5    | 5.839  | 4.893  | 990669   | 333842   | 11.519  | 5.779 #   |
| 26)                         | L6 AR-1254-1    | 5.768  | 4.851  | 3004384  | 2250152  | 32.272  | 25.724    |
| 27)                         | L6 AR-1254-2    | 6.004  | 5.010  | 4124942  | 2110715  | 31.574  | 27.363    |
| 28)                         | L6 AR-1254-3    | 6.396  | 5.428  | 4112351  | 3521545  | 32.555  | 28.569    |
| 29)                         | L6 AR-1254-4    | 6.707  | 5.674  | 3144213  | 1967956  | 33.907  | 25.008 #  |
| 30)                         | L6 AR-1254-5    | 7.162  | 6.116  | 2695979  | 2884813  | 27.425  | 25.217    |
| 31)                         | L7 AR-1260-1    | 6.576  | 5.569  | 1467069  | 1537035  | 16.849  | 19.448    |
| 32)                         | L7 AR-1260-2    | 6.858  | 5.772  | 1742087  | 1124961  | 17.390  | 11.937 #  |
| 33)                         | L7 AR-1260-3    | 7.224f | 5.926  | 114800   | 1356034  | 1.710   | 15.186 #  |
| 34)                         | L7 AR-1260-4    | 7.471f | 6.431  | 1348604  | 190787   | 16.761  | 2.772 #   |
| 35)                         | L7 AR-1260-5    | 7.827  | 6.697  | 525369   | 390583   | 3.430   | 2.381 #   |
| 36)                         | L8 AR-1262-1    | 7.224f | 6.185f | 114800   | 266566   | 1.110   | 2.492 #   |
| 37)                         | L8 AR-1262-2    | 7.827  | 6.431  | 525369   | 190787   | 2.918   | 1.960 #   |
| 38)                         | L8 AR-1262-3    | 8.141  | 0.000  | 613473   | 0        | 4.921   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 8.204f | 7.063  | 165217   | 405824   | 2.953   | 2.775     |
| 40)                         | L8 AR-1262-5    | 8.836  | 0.000  | 924338   | 0        | 13.518  | N.D. #    |
| 41)                         | L9 AR-1268-1    | 8.141  | 0.000  | 613473   | 0        | 3.040   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 8.204f | 7.063  | 165217   | 405824   | 0.890   | 2.026 #   |
| 43)                         | L9 AR-1268-3    | 8.437  | 0.000  | 122640   | 0        | 0.787   | N.D. #    |
| 44)                         | L9 AR-1268-4    | 8.836  | 0.000  | 924338   | 0        | 12.615  | N.D. #    |
| 45)                         | L9 AR-1268-5    | 9.225  | 7.896  | 637493   | 227209   | 1.275   | 0.427 #   |
| -----                       |                 |        |        |          |          |         |           |

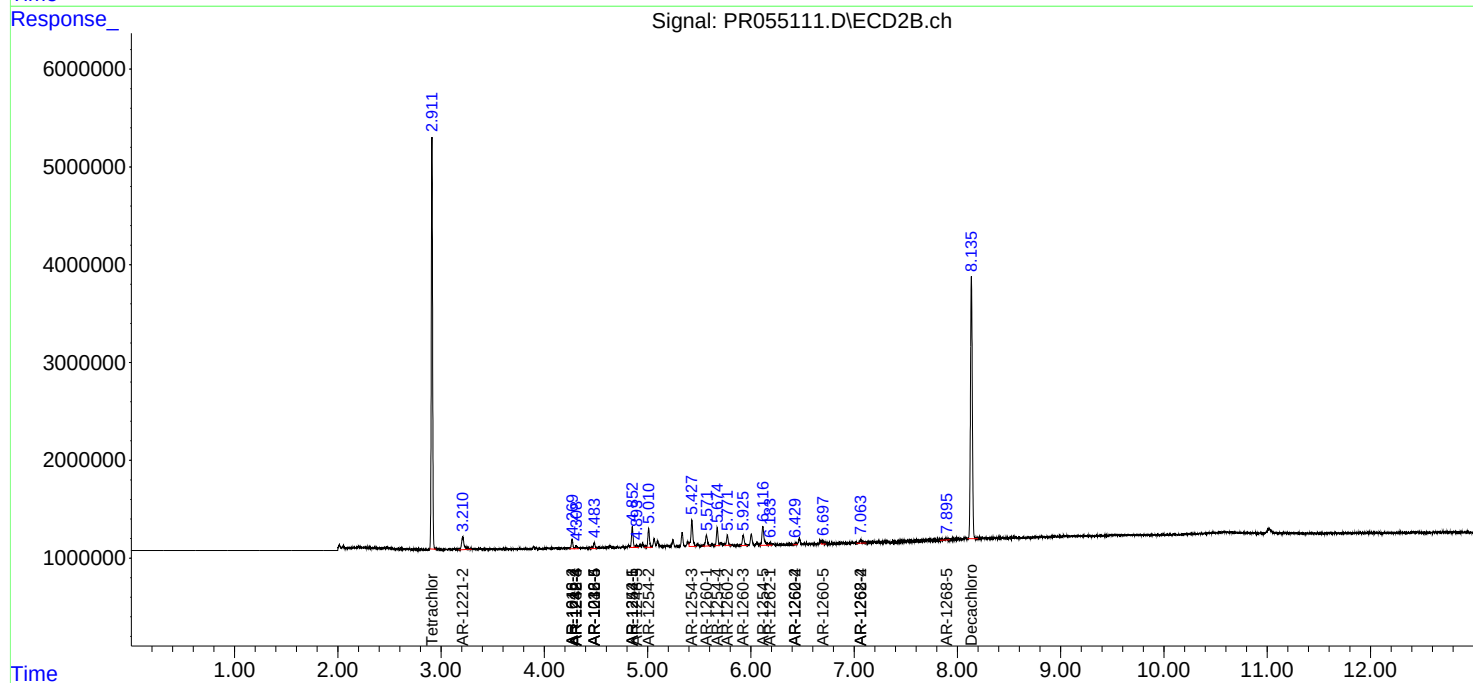
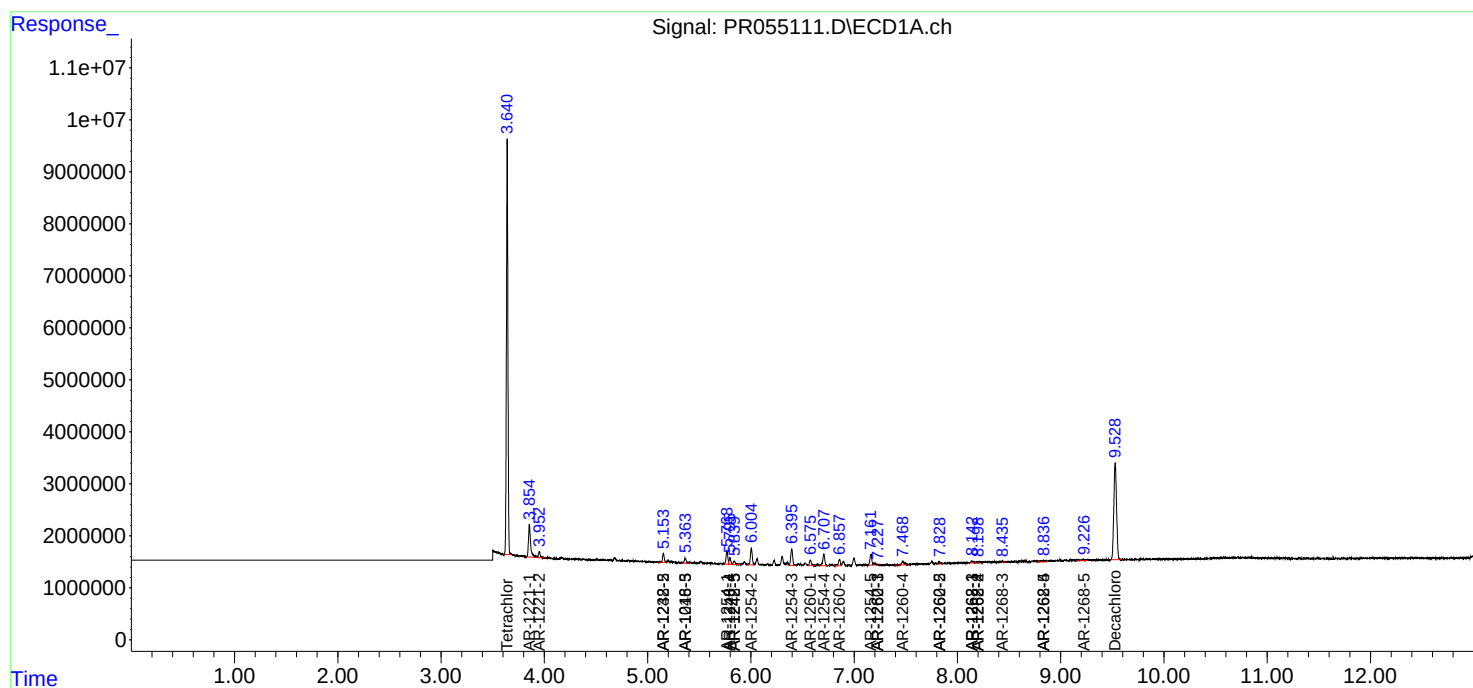
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

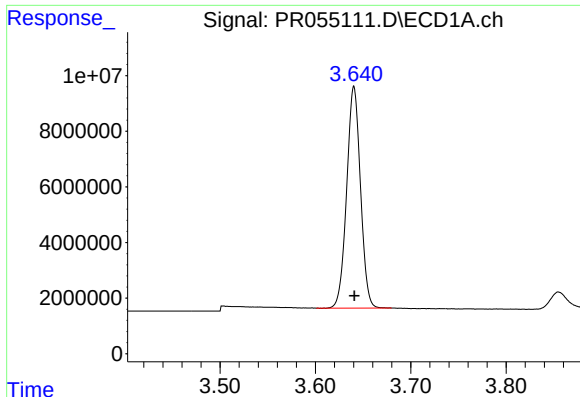
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR063022\  
Data File : PR055111.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jun 2022 22:29  
Operator : AJ\MA  
Sample : N3214-07  
Misc : AR1254 LOD 25 PPB  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 30 03:22:16 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR062722.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Jun 27 17:05:06 2022  
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

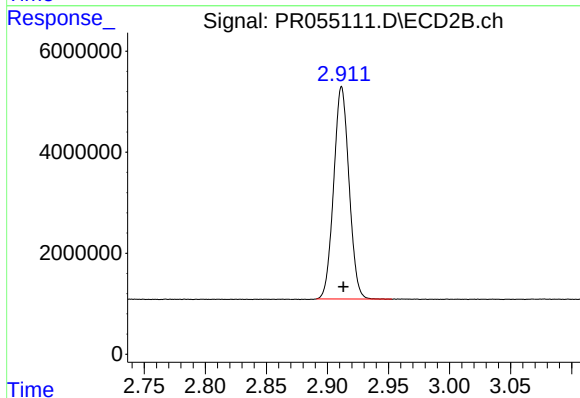




#1 Tetrachloro-m-xylene

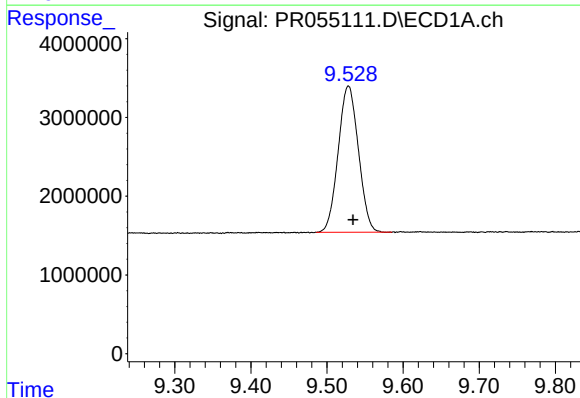
R.T.: 3.640 min  
Delta R.T.: 0.000 min  
Response: 80444697  
Conc: 22.12 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



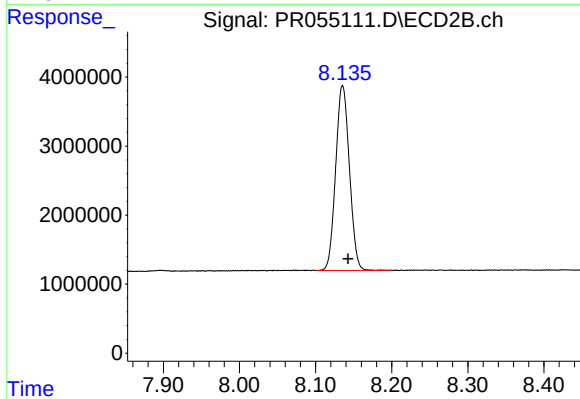
#1 Tetrachloro-m-xylene

R.T.: 2.912 min  
Delta R.T.: -0.001 min  
Response: 36812613  
Conc: 22.05 ng/ml



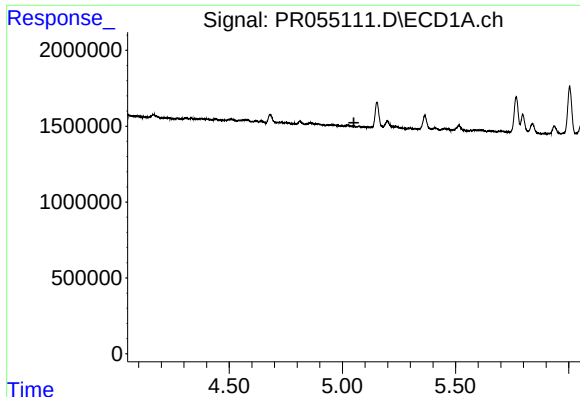
#2 Decachlorobiphenyl

R.T.: 9.528 min  
Delta R.T.: -0.006 min  
Response: 34304678  
Conc: 23.79 ng/ml



#2 Decachlorobiphenyl

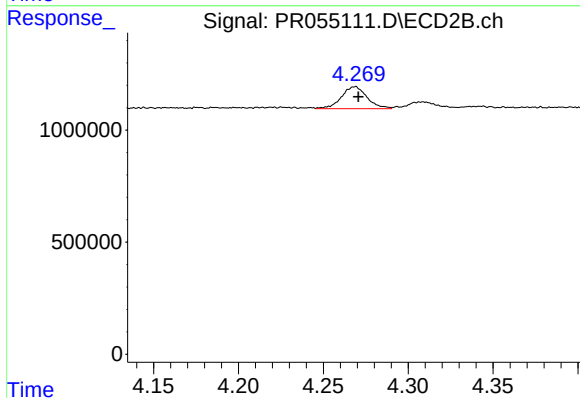
R.T.: 8.136 min  
Delta R.T.: -0.007 min  
Response: 33607028  
Conc: 23.92 ng/ml



#6 AR-1016-4

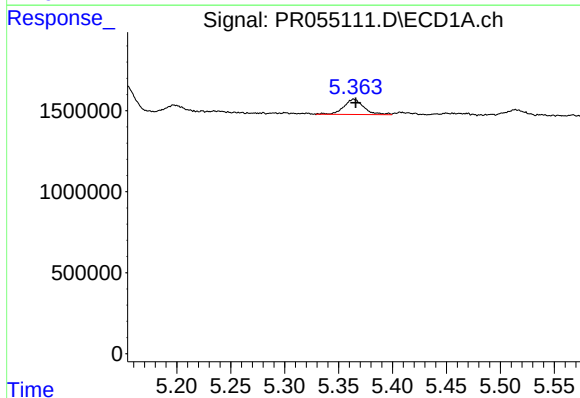
R.T.: 0.000 min  
Exp R.T.: 5.051 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



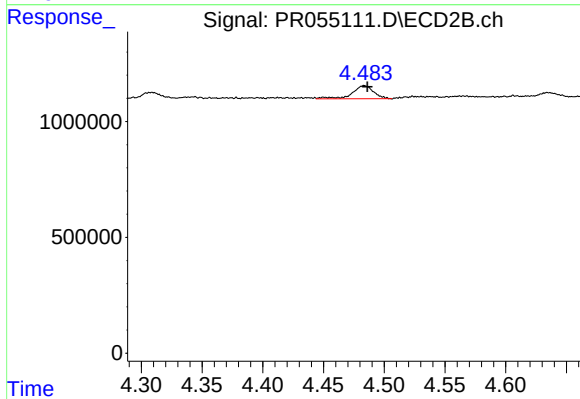
#6 AR-1016-4

R.T.: 4.269 min  
Delta R.T.: -0.002 min  
Response: 1031020  
Conc: 31.20 ng/ml



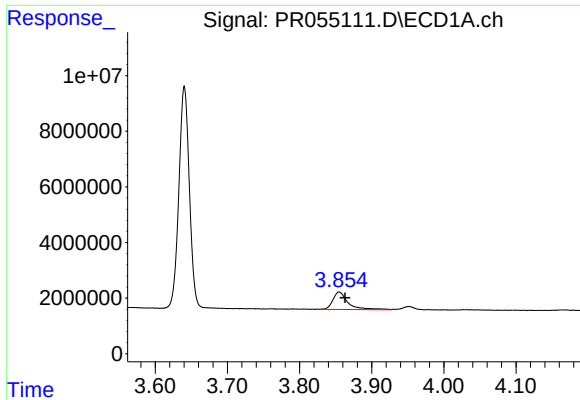
#7 AR-1016-5

R.T.: 5.364 min  
Delta R.T.: -0.002 min  
Response: 1218496  
Conc: 18.89 ng/ml



#7 AR-1016-5

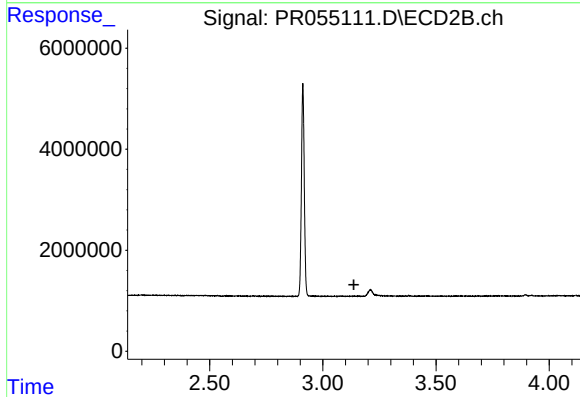
R.T.: 4.484 min  
Delta R.T.: -0.003 min  
Response: 701156  
Conc: 16.60 ng/ml



#8 AR-1221-1

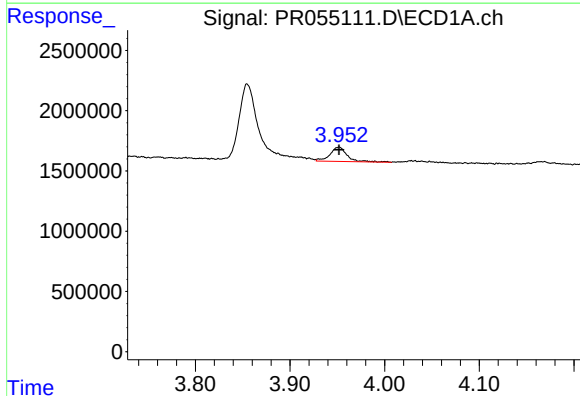
R.T.: 3.855 min  
Delta R.T.: -0.008 min  
Response: 9178009  
Conc: 204.74 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



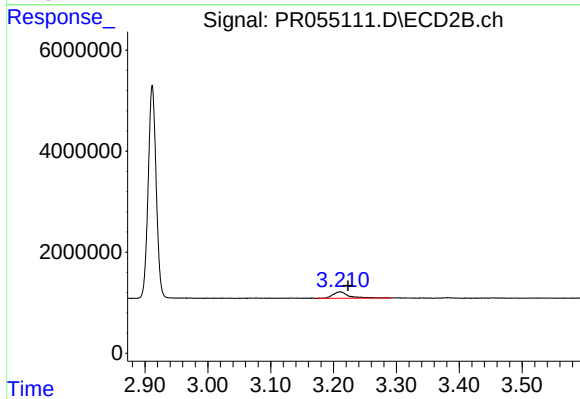
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.137 min  
Response: 0  
Conc: N.D.



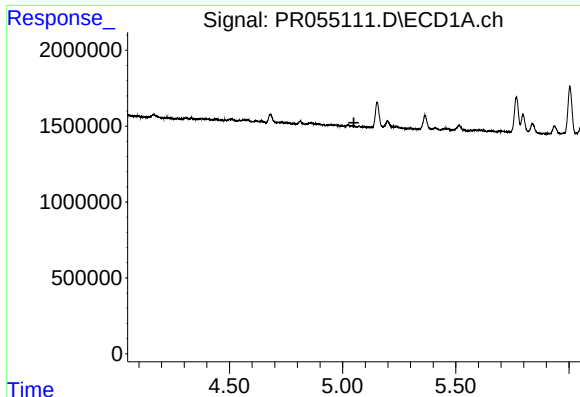
#9 AR-1221-2

R.T.: 3.951 min  
Delta R.T.: 0.000 min  
Response: 1482823  
Conc: 45.20 ng/ml



#9 AR-1221-2

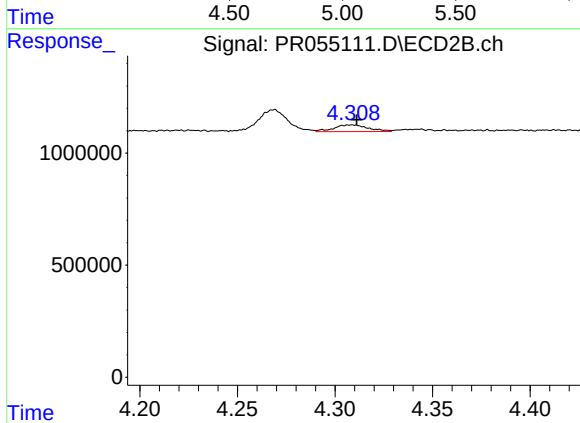
R.T.: 3.211 min  
Delta R.T.: -0.012 min  
Response: 2329913  
Conc: 147.85 ng/ml



#14 AR-1232-4

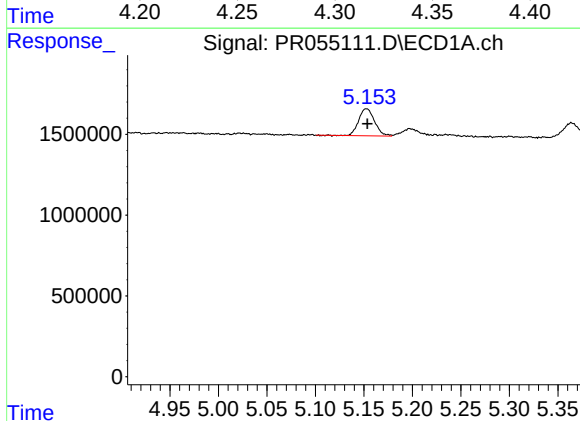
R.T.: 0.000 min  
Exp R.T.: 5.050 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



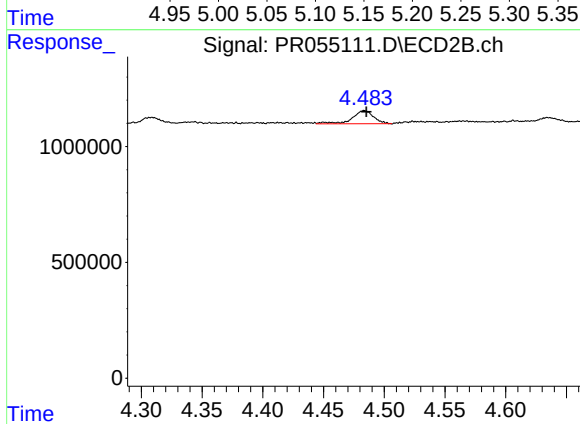
#14 AR-1232-4

R.T.: 4.309 min  
Delta R.T.: -0.002 min  
Response: 365594  
Conc: 19.77 ng/ml



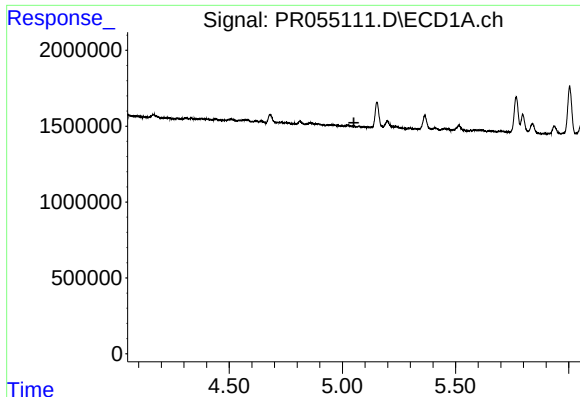
#15 AR-1232-5

R.T.: 5.153 min  
Delta R.T.: 0.000 min  
Response: 1911292  
Conc: 70.68 ng/ml



#15 AR-1232-5

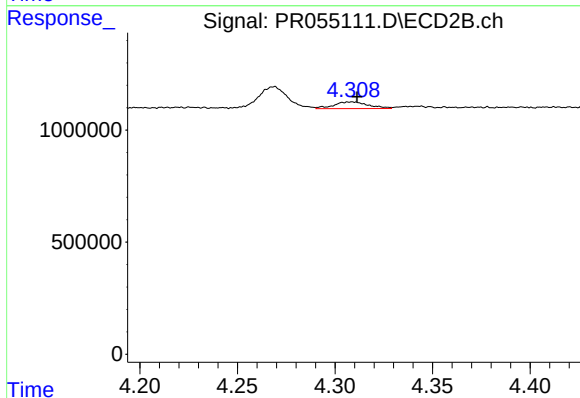
R.T.: 4.484 min  
Delta R.T.: -0.002 min  
Response: 701156  
Conc: 31.27 ng/ml



#19 AR-1242-4

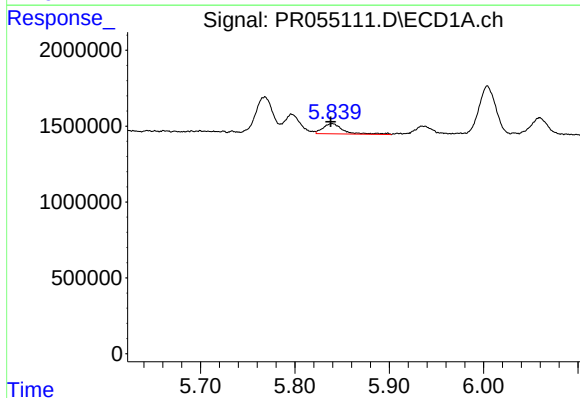
R.T.: 0.000 min  
Exp R.T.: 5.051 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



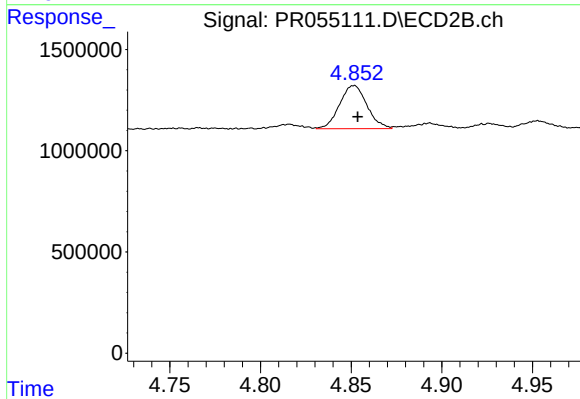
#19 AR-1242-4

R.T.: 4.309 min  
Delta R.T.: -0.003 min  
Response: 365594  
Conc: 11.11 ng/ml



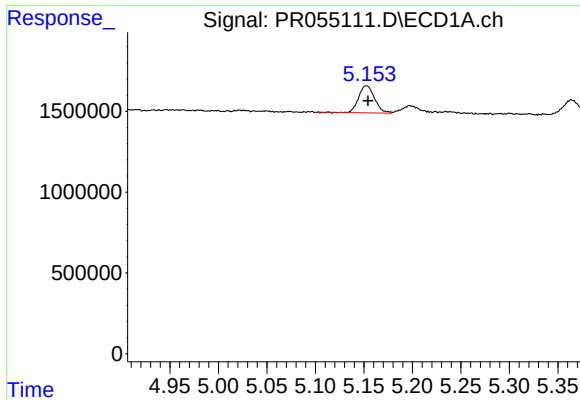
#20 AR-1242-5

R.T.: 5.839 min  
Delta R.T.: 0.001 min  
Response: 990669  
Conc: 18.92 ng/ml



#20 AR-1242-5

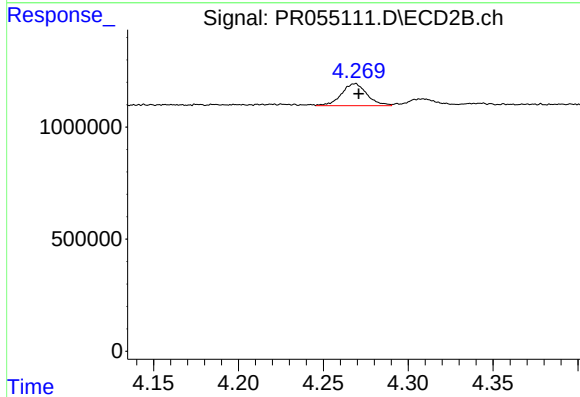
R.T.: 4.851 min  
Delta R.T.: -0.002 min  
Response: 2250152  
Conc: 52.05 ng/ml



#22 AR-1248-2

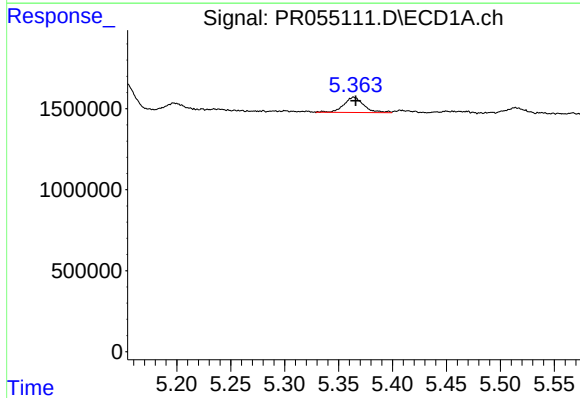
R.T.: 5.153 min  
Delta R.T.: -0.001 min  
Response: 1911292  
Conc: 23.23 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



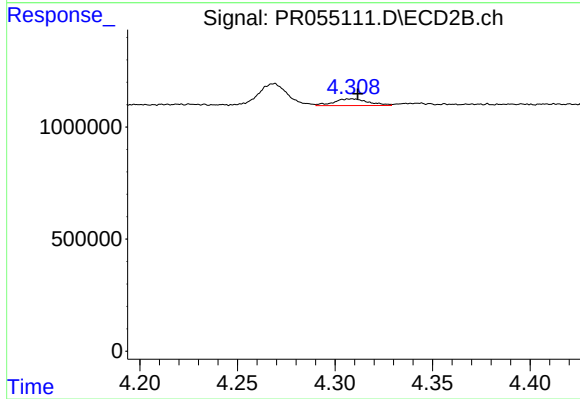
#22 AR-1248-2

R.T.: 4.269 min  
Delta R.T.: -0.002 min  
Response: 1031020  
Conc: 21.74 ng/ml



#23 AR-1248-3

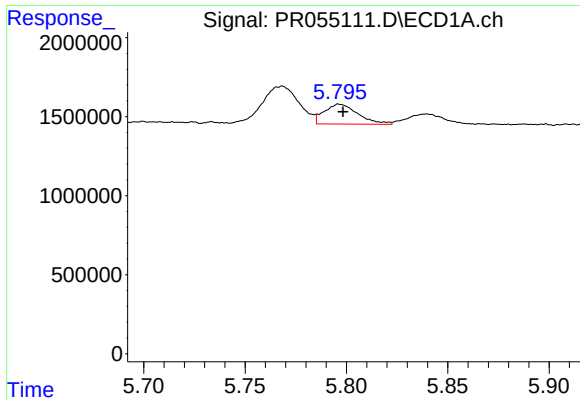
R.T.: 5.364 min  
Delta R.T.: -0.002 min  
Response: 1218496  
Conc: 13.62 ng/ml



#23 AR-1248-3

R.T.: 4.309 min  
Delta R.T.: -0.003 min  
Response: 365594  
Conc: 7.68 ng/ml

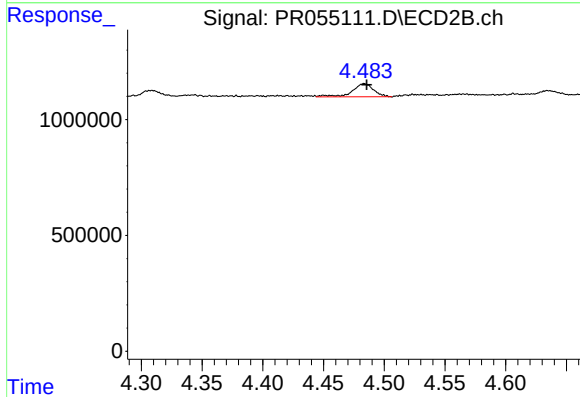




#24 AR-1248-4

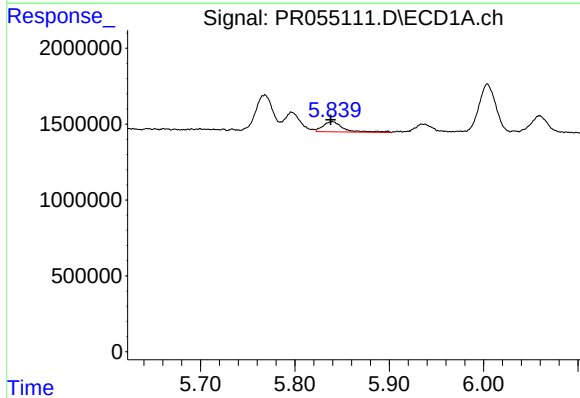
R.T.: 5.797 min  
Delta R.T.: -0.001 min  
Response: 1463749  
Conc: 16.51 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



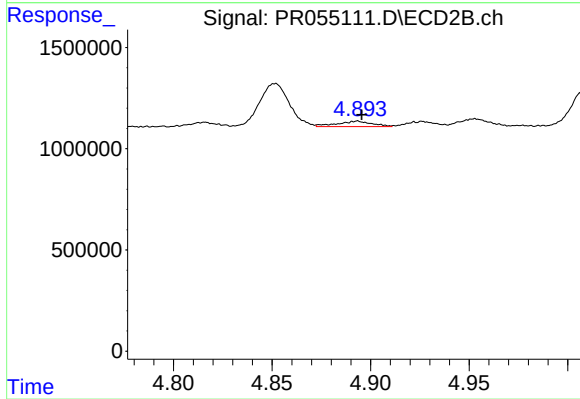
#24 AR-1248-4

R.T.: 4.484 min  
Delta R.T.: -0.002 min  
Response: 701156  
Conc: 11.89 ng/ml



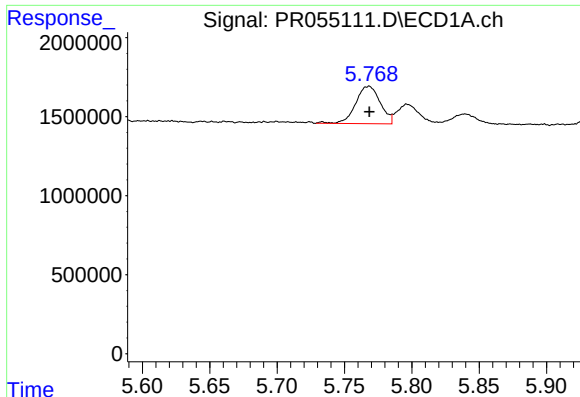
#25 AR-1248-5

R.T.: 5.839 min  
Delta R.T.: 0.001 min  
Response: 990669  
Conc: 11.52 ng/ml



#25 AR-1248-5

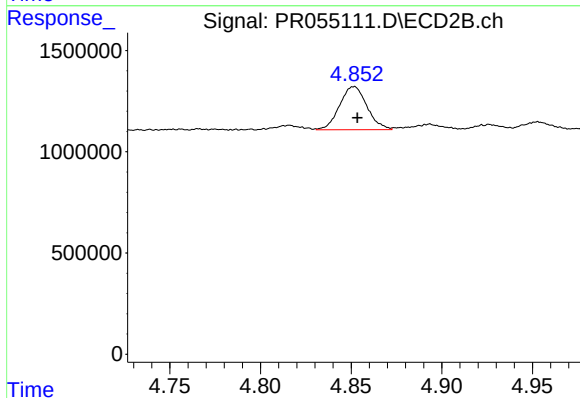
R.T.: 4.893 min  
Delta R.T.: -0.002 min  
Response: 333842  
Conc: 5.78 ng/ml



#26 AR-1254-1

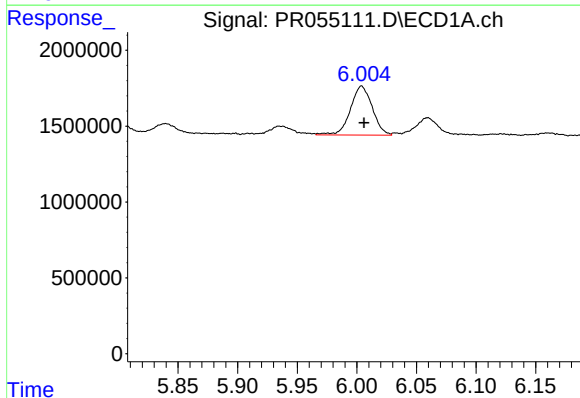
R.T.: 5.768 min  
Delta R.T.: 0.000 min  
Response: 3004384  
Conc: 32.27 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



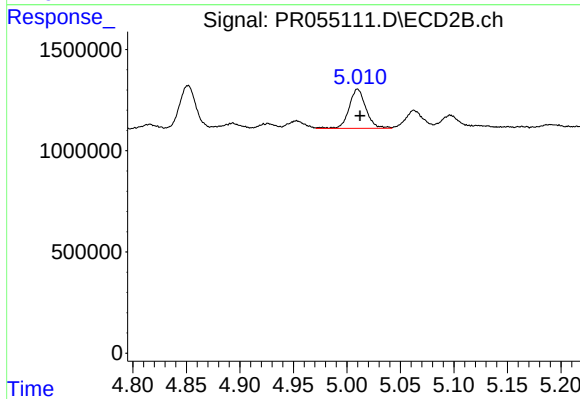
#26 AR-1254-1

R.T.: 4.851 min  
Delta R.T.: -0.002 min  
Response: 2250152  
Conc: 25.72 ng/ml



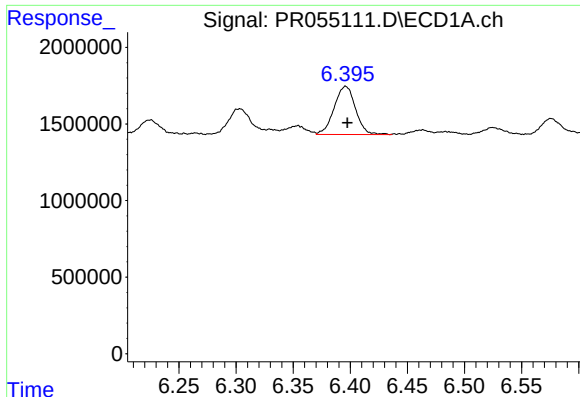
#27 AR-1254-2

R.T.: 6.004 min  
Delta R.T.: -0.002 min  
Response: 4124942  
Conc: 31.57 ng/ml



#27 AR-1254-2

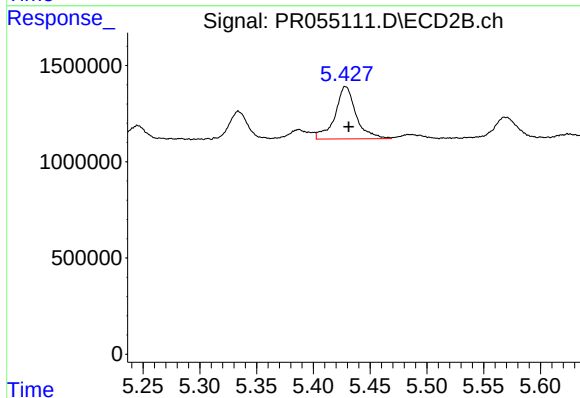
R.T.: 5.010 min  
Delta R.T.: -0.002 min  
Response: 2110715  
Conc: 27.36 ng/ml



#28 AR-1254-3

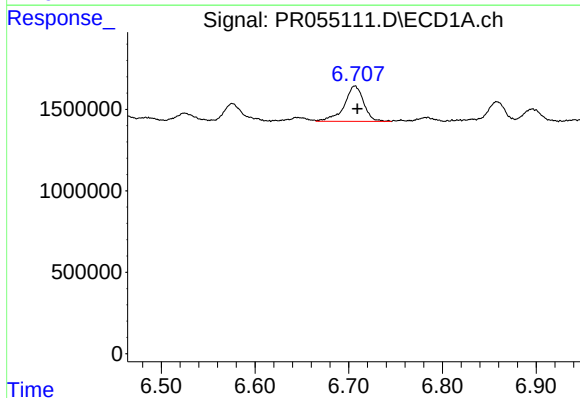
R.T.: 6.396 min  
Delta R.T.: -0.002 min  
Response: 4112351  
Conc: 32.55 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



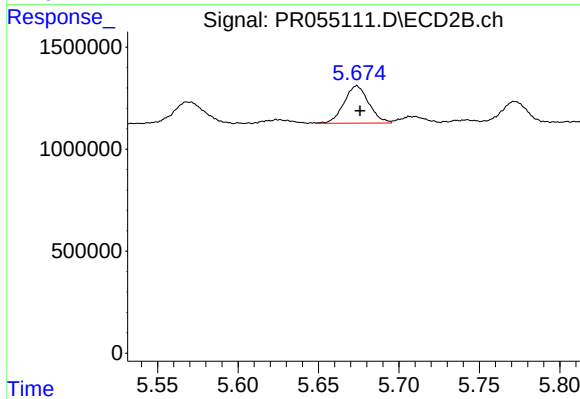
#28 AR-1254-3

R.T.: 5.428 min  
Delta R.T.: -0.003 min  
Response: 3521545  
Conc: 28.57 ng/ml



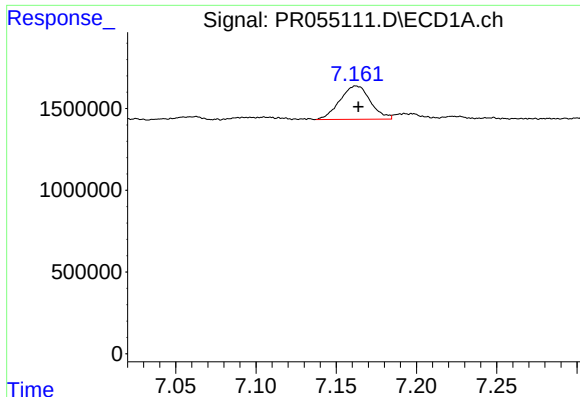
#29 AR-1254-4

R.T.: 6.707 min  
Delta R.T.: -0.003 min  
Response: 3144213  
Conc: 33.91 ng/ml



#29 AR-1254-4

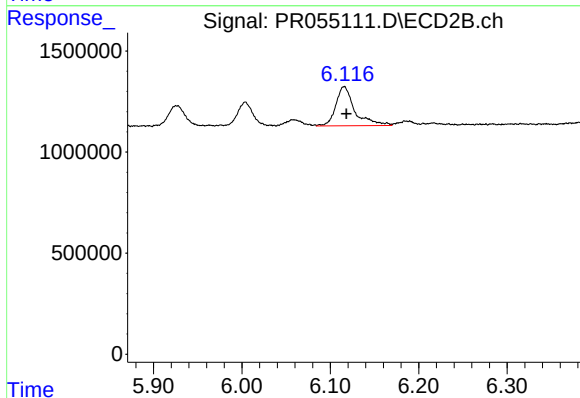
R.T.: 5.674 min  
Delta R.T.: -0.002 min  
Response: 1967956  
Conc: 25.01 ng/ml



#30 AR-1254-5

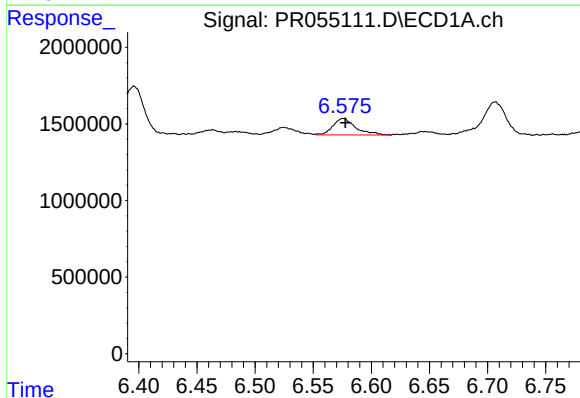
R.T.: 7.162 min  
Delta R.T.: -0.001 min  
Response: 2695979  
Conc: 27.42 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



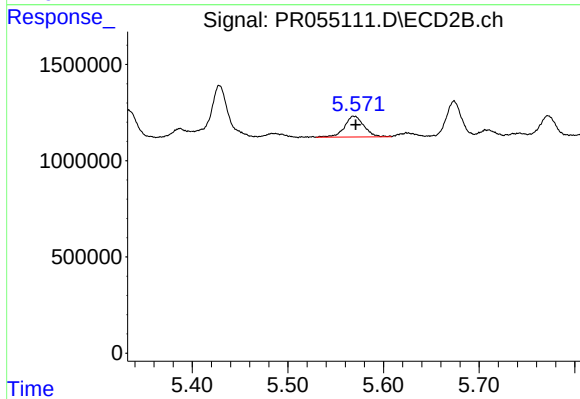
#30 AR-1254-5

R.T.: 6.116 min  
Delta R.T.: -0.003 min  
Response: 2884813  
Conc: 25.22 ng/ml



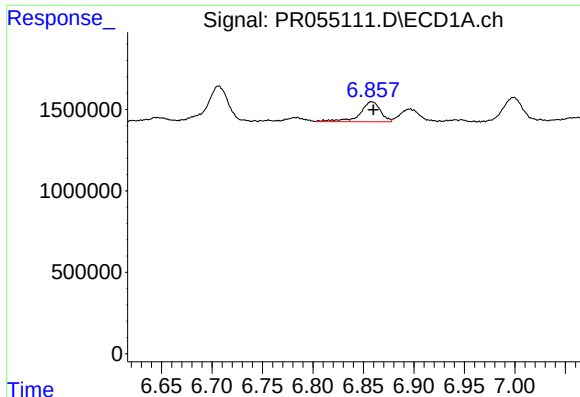
#31 AR-1260-1

R.T.: 6.576 min  
Delta R.T.: -0.002 min  
Response: 1467069  
Conc: 16.85 ng/ml



#31 AR-1260-1

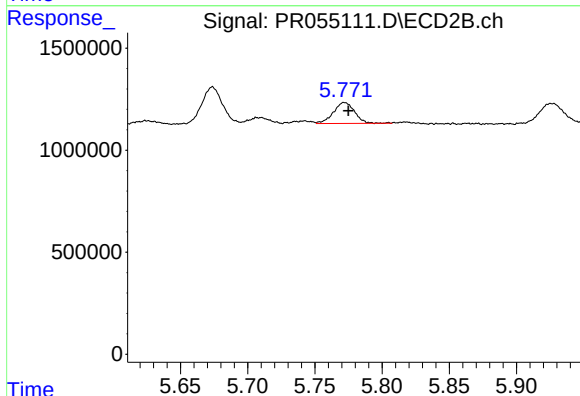
R.T.: 5.569 min  
Delta R.T.: -0.002 min  
Response: 1537035  
Conc: 19.45 ng/ml



#32 AR-1260-2

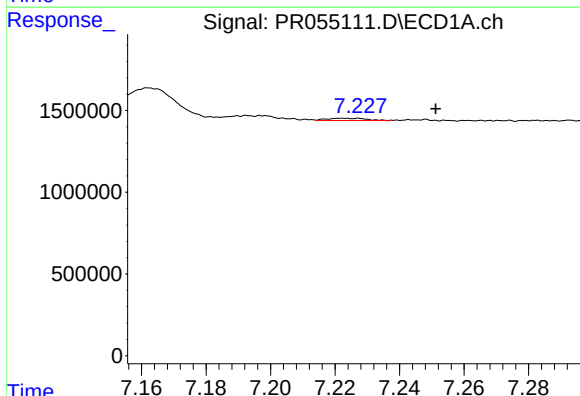
R.T.: 6.858 min  
Delta R.T.: -0.002 min  
Response: 1742087  
Conc: 17.39 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



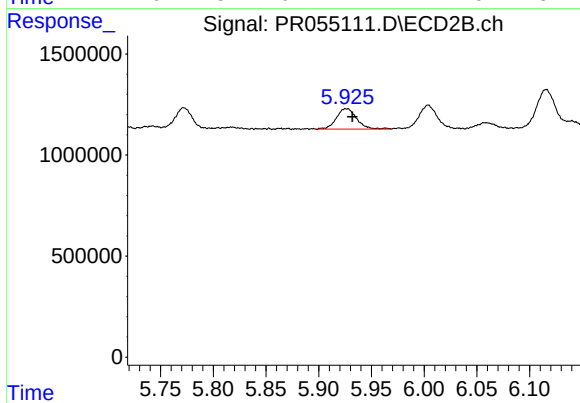
#32 AR-1260-2

R.T.: 5.772 min  
Delta R.T.: -0.003 min  
Response: 1124961  
Conc: 11.94 ng/ml



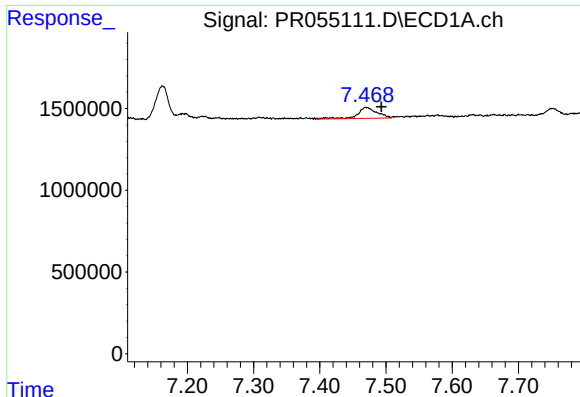
#33 AR-1260-3

R.T.: 7.224 min  
Delta R.T.: -0.028 min  
Response: 114800  
Conc: 1.71 ng/ml



#33 AR-1260-3

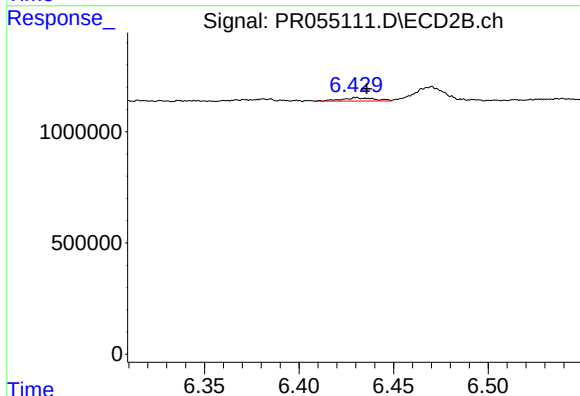
R.T.: 5.926 min  
Delta R.T.: -0.005 min  
Response: 1356034  
Conc: 15.19 ng/ml



#34 AR-1260-4

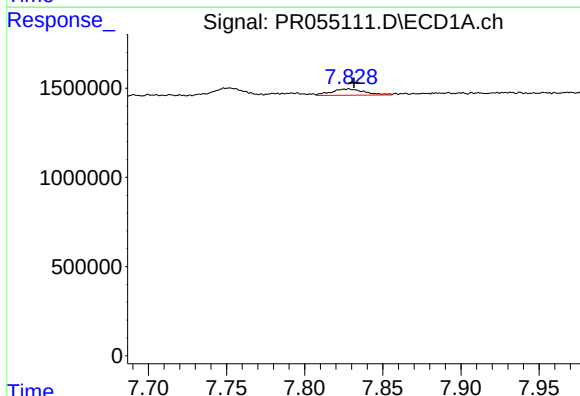
R.T.: 7.471 min  
Delta R.T.: -0.023 min  
Response: 1348604  
Conc: 16.76 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



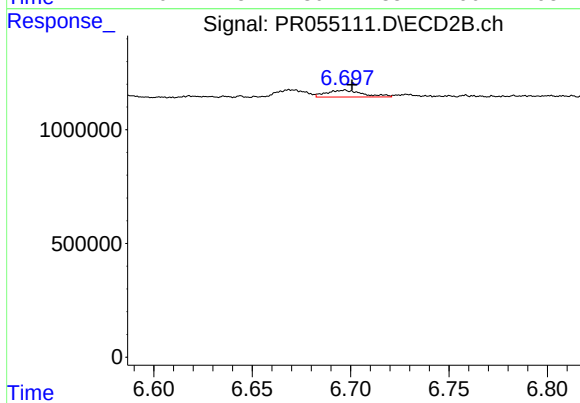
#34 AR-1260-4

R.T.: 6.431 min  
Delta R.T.: -0.005 min  
Response: 190787  
Conc: 2.77 ng/ml



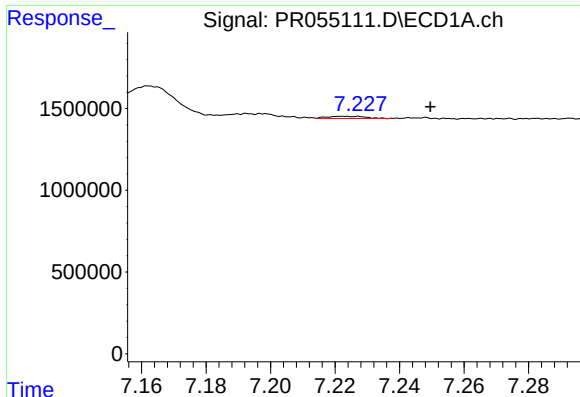
#35 AR-1260-5

R.T.: 7.827 min  
Delta R.T.: -0.004 min  
Response: 525369  
Conc: 3.43 ng/ml



#35 AR-1260-5

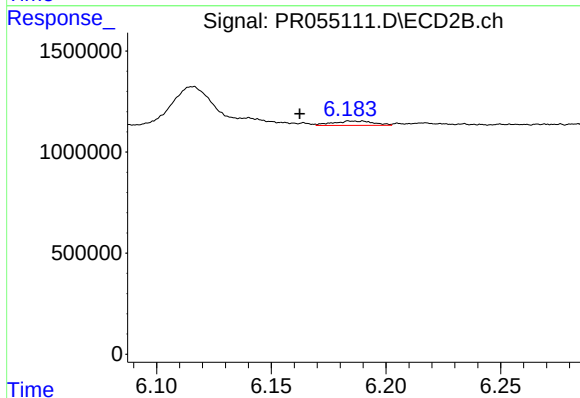
R.T.: 6.697 min  
Delta R.T.: -0.004 min  
Response: 390583  
Conc: 2.38 ng/ml



#36 AR-1262-1

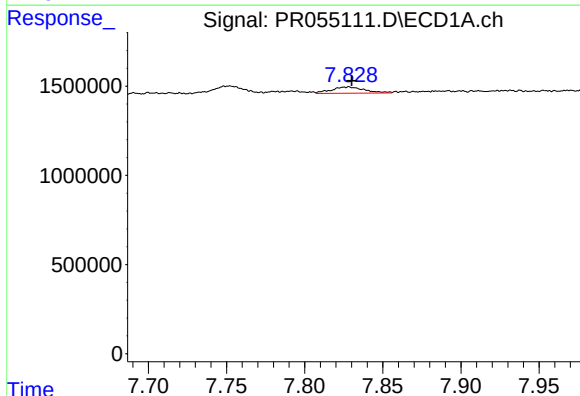
R.T.: 7.224 min  
Delta R.T.: -0.026 min  
Response: 114800  
Conc: 1.11 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



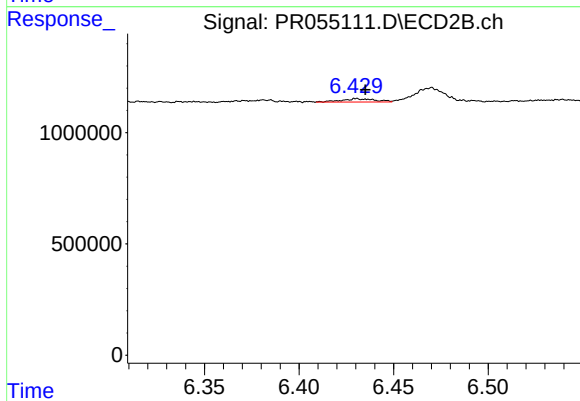
#36 AR-1262-1

R.T.: 6.185 min  
Delta R.T.: 0.023 min  
Response: 266566  
Conc: 2.49 ng/ml



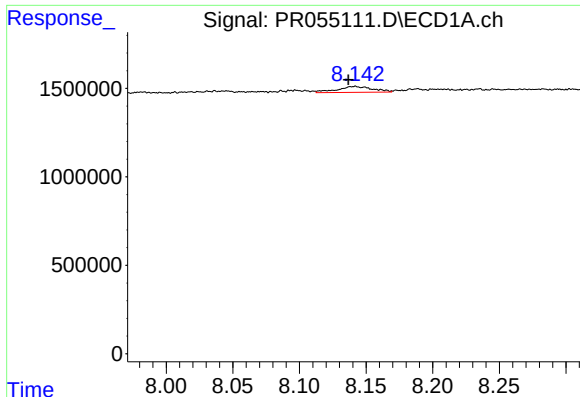
#37 AR-1262-2

R.T.: 7.827 min  
Delta R.T.: -0.003 min  
Response: 525369  
Conc: 2.92 ng/ml



#37 AR-1262-2

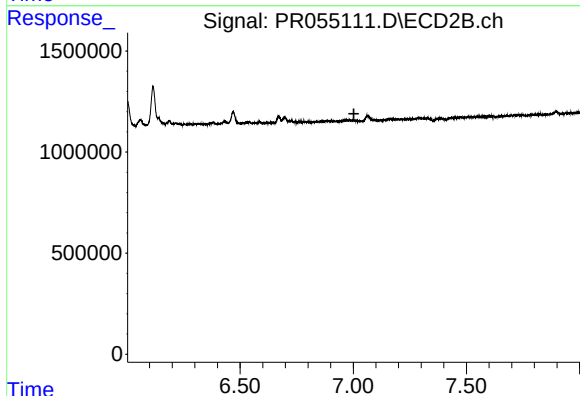
R.T.: 6.431 min  
Delta R.T.: -0.005 min  
Response: 190787  
Conc: 1.96 ng/ml



#38 AR-1262-3

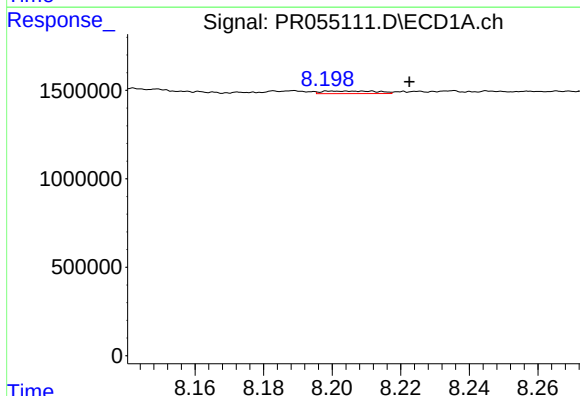
R.T.: 8.141 min  
Delta R.T.: 0.005 min  
Response: 613473  
Conc: 4.92 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



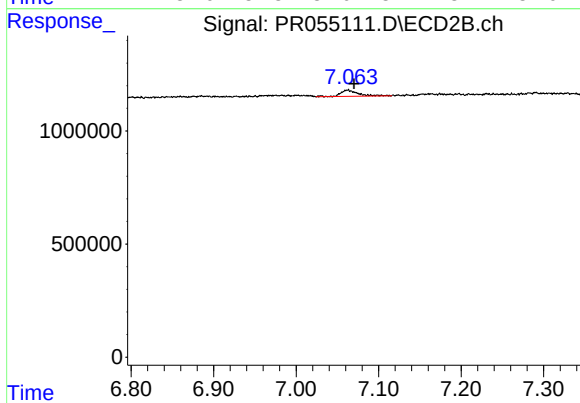
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 7.003 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

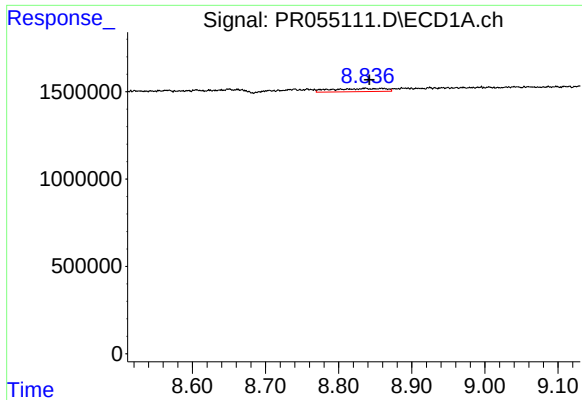
R.T.: 8.204 min  
Delta R.T.: -0.018 min  
Response: 165217  
Conc: 2.95 ng/ml



#39 AR-1262-4

R.T.: 7.063 min  
Delta R.T.: -0.008 min  
Response: 405824  
Conc: 2.77 ng/ml

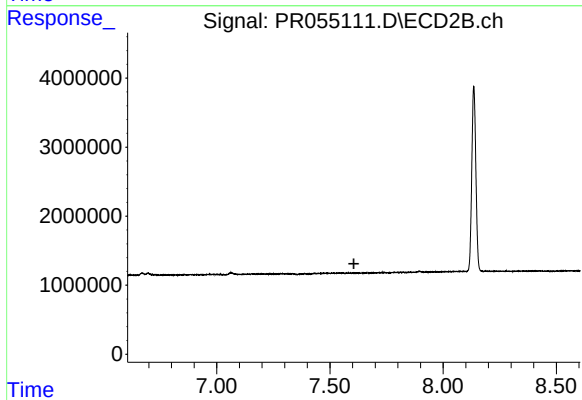




#40 AR-1262-5

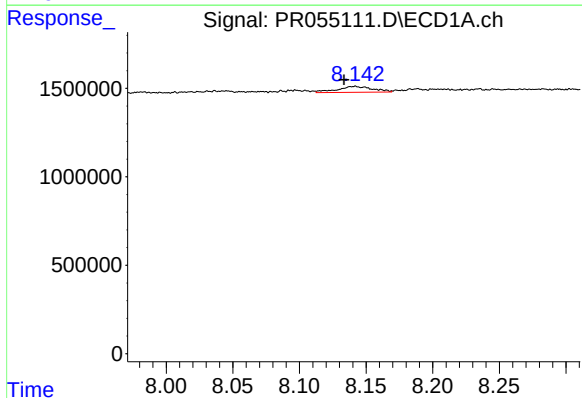
R.T.: 8.836 min  
Delta R.T.: -0.006 min  
Response: 924338  
Conc: 13.52 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



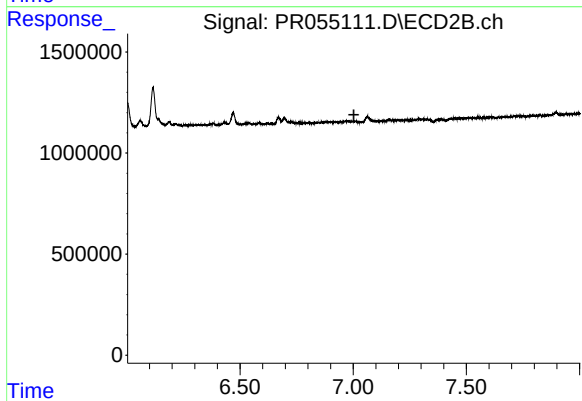
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 7.606 min  
Response: 0  
Conc: N.D.



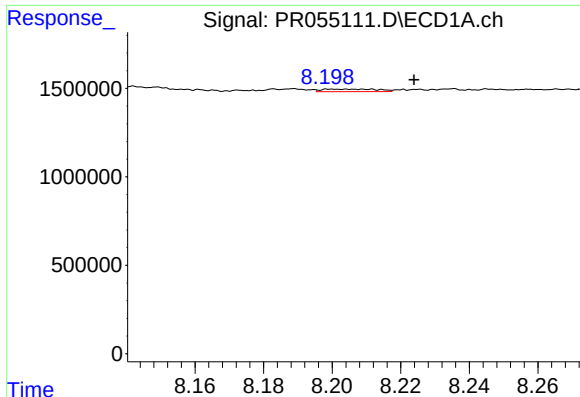
#41 AR-1268-1

R.T.: 8.141 min  
Delta R.T.: 0.008 min  
Response: 613473  
Conc: 3.04 ng/ml



#41 AR-1268-1

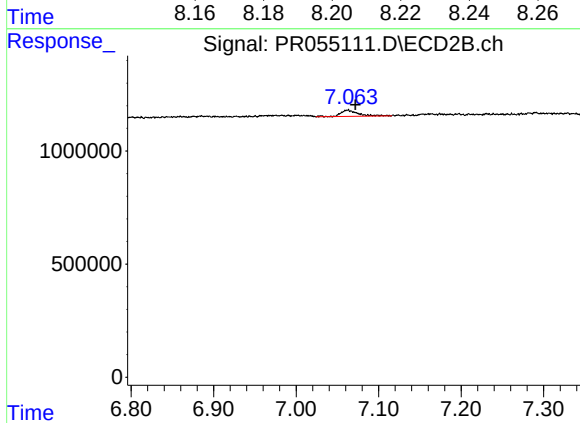
R.T.: 0.000 min  
Exp R.T. : 7.003 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

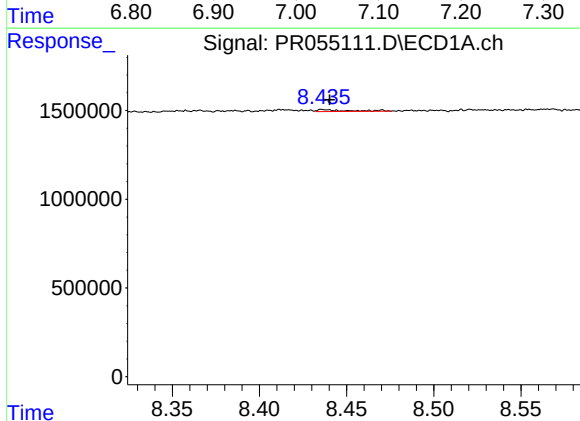
R.T.: 8.204 min  
Delta R.T.: -0.020 min  
Response: 165217  
Conc: 0.89 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



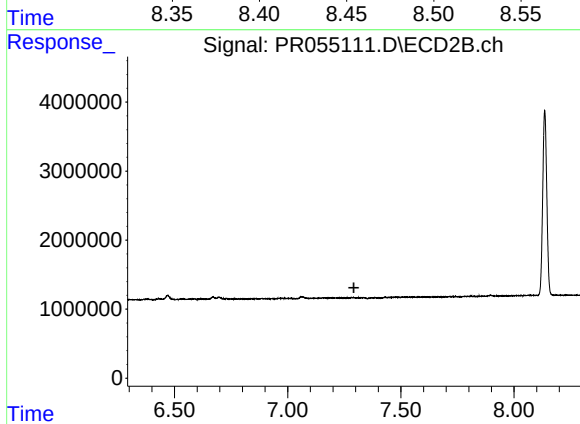
#42 AR-1268-2

R.T.: 7.063 min  
Delta R.T.: -0.009 min  
Response: 405824  
Conc: 2.03 ng/ml



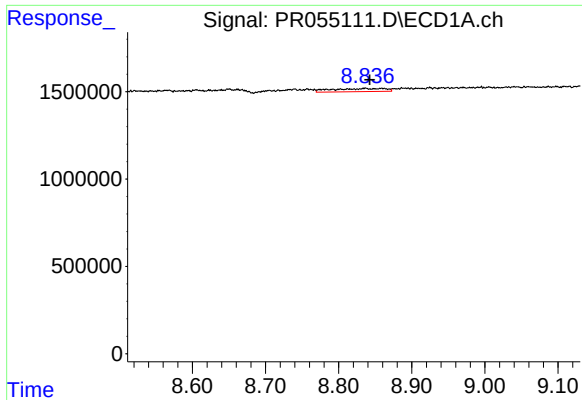
#43 AR-1268-3

R.T.: 8.437 min  
Delta R.T.: -0.003 min  
Response: 122640  
Conc: 0.79 ng/ml



#43 AR-1268-3

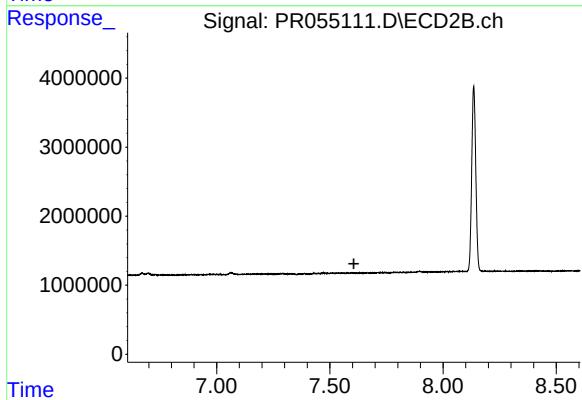
R.T.: 0.000 min  
Exp R.T. : 7.292 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

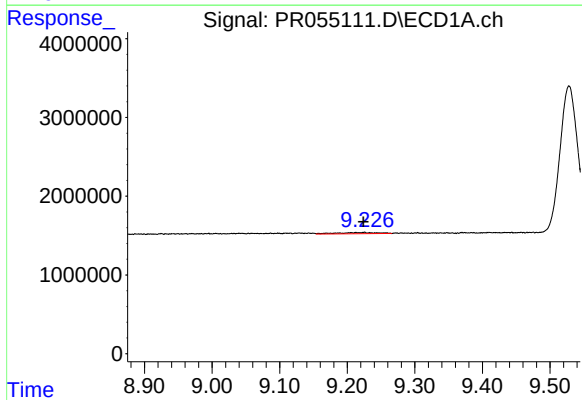
R.T.: 8.836 min  
Delta R.T.: -0.006 min  
Response: 924338  
Conc: 12.62 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



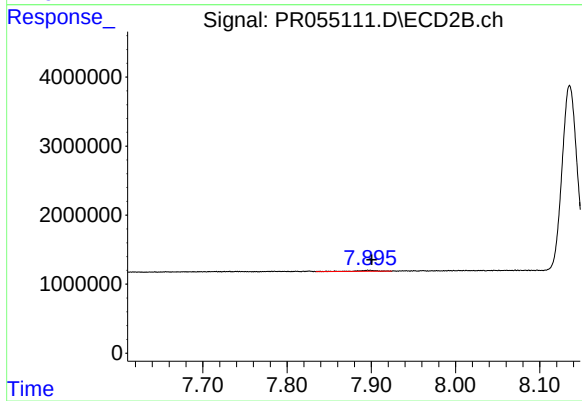
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 7.606 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.225 min  
Delta R.T.: 0.000 min  
Response: 637493  
Conc: 1.27 ng/ml



#45 AR-1268-5

R.T.: 7.896 min  
Delta R.T.: -0.004 min  
Response: 227209  
Conc: 0.43 ng/ml