

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR092619\  
 Data File : PR041560.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2019 21:18  
 Operator : SM\AJ  
 Sample : MDL-AR1254-S-4  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 MDL-AR1254-S-4

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 01:46:13 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR092319CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 24 04:36:18 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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... | 4.739  | 4.006  | 18882149 | 82590089 | 14.225 | 13.654   |
| 2)                          | SA Decachlor... | 10.661 | 9.122  | 137.5E6  | 425.4E6  | 43.082 | 39.430   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.339f | 0        | 2552532  | N.D.   | 21.570 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.339  | 0        | 2552532  | N.D.   | 26.202 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.557  | 0        | 1591662  | N.D.   | 11.449 # |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.312  | 0        | 633138   | N.D.   | 18.155 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.339f | 0        | 2552532  | N.D.   | 56.845 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.383  | 0        | 654531   | N.D.   | 15.626 # |
| 15)                         | L3 AR-1232-5    | 6.186  | 5.557  | 924721   | 1591662  | 66.923 | 29.754 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.339f | 0        | 2552532  | N.D.   | 28.141 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.383  | 0        | 654531   | N.D.   | 6.955 #  |
| 20)                         | L4 AR-1242-5    | 6.796f | 5.910  | 1001781  | 8607177  | 19.544 | 50.739 # |
| 22)                         | L5 AR-1248-2    | 6.186  | 5.339  | 924721   | 2552532  | 16.788 | 20.986 # |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.383  | 0        | 654531   | N.D.   | 5.163 #  |
| 24)                         | L5 AR-1248-4    | 6.796  | 5.557  | 1001781  | 1591662  | 11.738 | 9.483    |
| 25)                         | L5 AR-1248-5    | 6.796f | 5.952  | 1001781  | 1024728  | 12.294 | 4.706 #  |
| 26)                         | L6 AR-1254-1    | 6.770  | 5.910  | 2222434  | 8607177  | 26.706 | 26.541   |
| 27)                         | L6 AR-1254-2    | 6.986  | 6.057  | 3794875  | 8835428  | 27.007 | 28.921   |
| 28)                         | L6 AR-1254-3    | 7.356  | 6.465  | 4467800  | 15415562 | 26.368 | 27.549   |
| 29)                         | L6 AR-1254-4    | 7.641  | 6.692  | 3772511  | 11832768 | 27.791 | 27.727   |
| 30)                         | L6 AR-1254-5    | 8.060  | 7.112  | 3443242  | 15612126 | 22.392 | 26.986   |
| 31)                         | L7 AR-1260-1    | 7.519  | 6.594  | 1757035  | 8223762  | 14.838 | 21.114 # |
| 32)                         | L7 AR-1260-2    | 7.772  | 6.781  | 2206152  | 6811658  | 14.950 | 12.635   |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.936  | 0        | 6388224  | N.D.   | 13.676 # |
| 34)                         | L7 AR-1260-4    | 8.364  | 7.411  | 2072211  | 972457   | 14.514 | 2.295 #  |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.649  | 0        | 1813114  | N.D.   | 1.488 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.112  | 0        | 15612126 | N.D.   | 46.644 # |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.649  | 0        | 1813114  | N.D.   | 1.313 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.998f | 0        | 3433044  | N.D.   | 6.002 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.998  | 0        | 3433044  | N.D.   | 3.388 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.998f | 0        | 3433044  | N.D.   | 2.029 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.998  | 0        | 3433044  | N.D.   | 2.194 #  |
| 43)                         | L9 AR-1268-3    | 9.386  | 8.217  | 939091   | 1954725  | 2.541  | 1.477 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.838  | 0        | 2507439  | N.D.   | 0.569 #  |
| -----                       |                 |        |        |          |          |        |          |

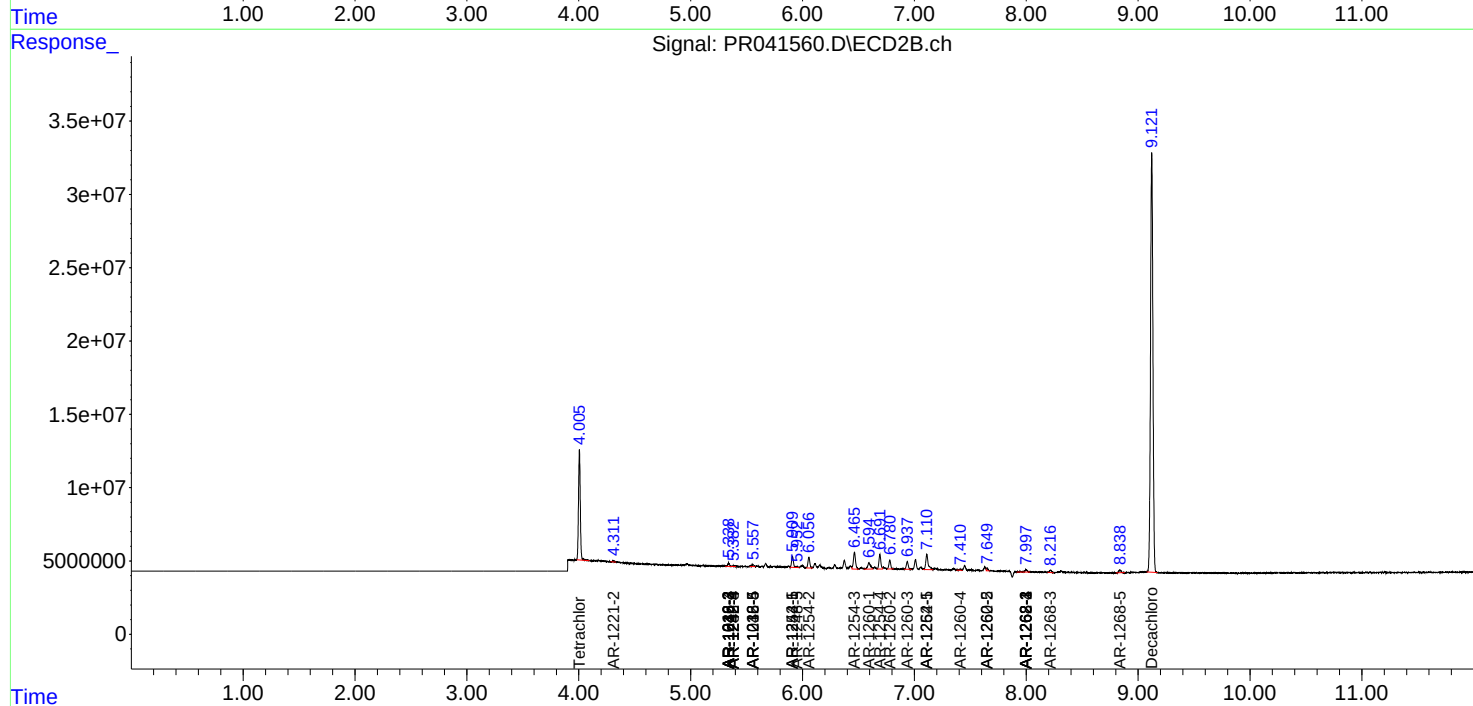
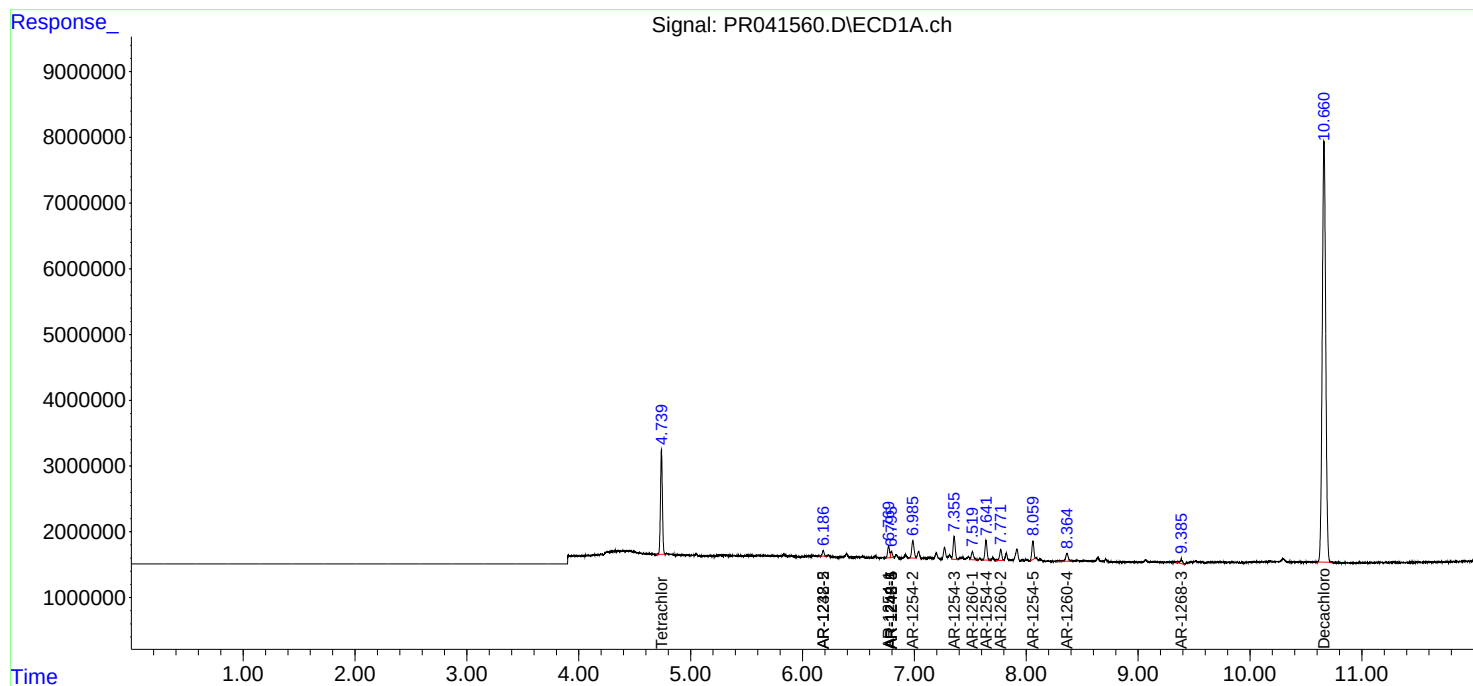
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

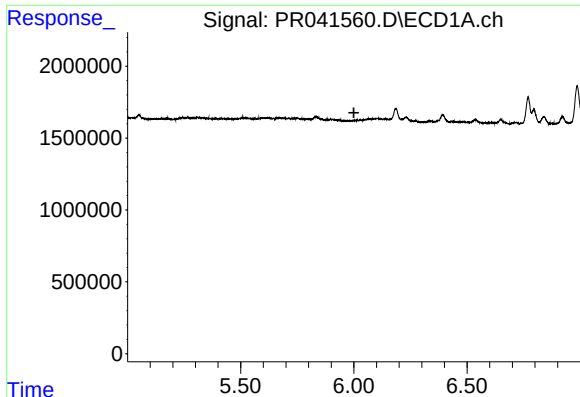
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR092619\  
Data File : PR041560.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2019 21:18  
Operator : SM\AJ  
Sample : MDL-AR1254-S-4  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 01:46:13 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR092319CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 24 04:36:18 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

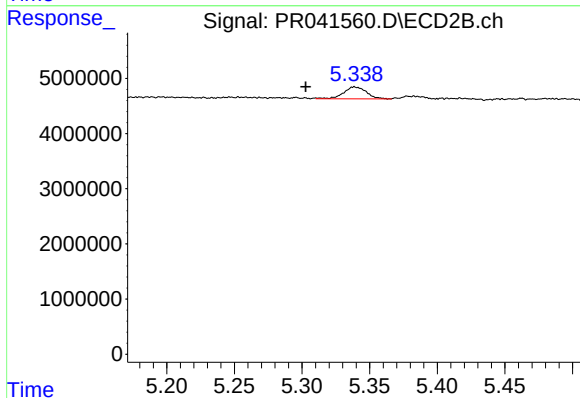




#5 AR-1016-3

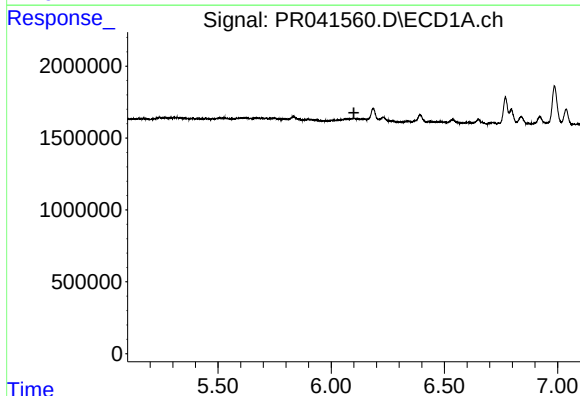
R.T.: 0.000 min  
Exp R.T.: 6.000 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



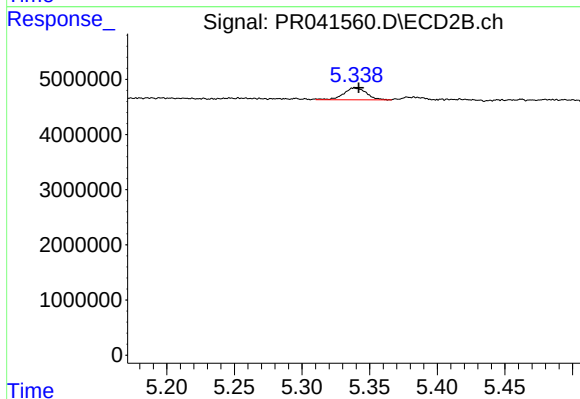
#5 AR-1016-3

R.T.: 5.339 min  
Delta R.T.: 0.036 min  
Response: 2552532  
Conc: 21.57 ng/ml



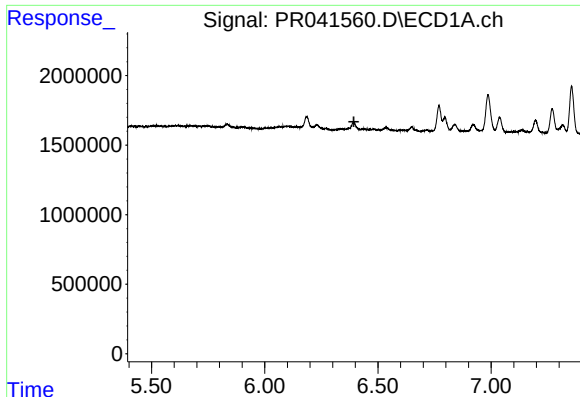
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.100 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

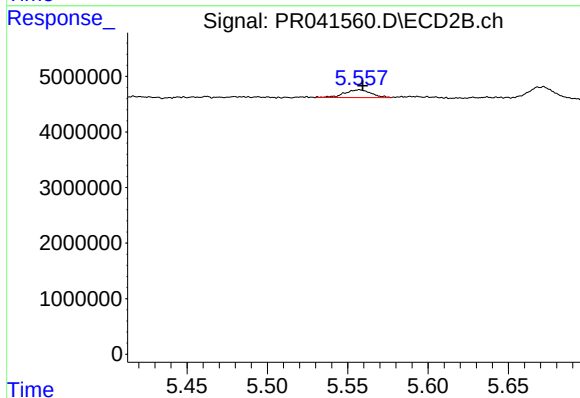
R.T.: 5.339 min  
Delta R.T.: -0.003 min  
Response: 2552532  
Conc: 26.20 ng/ml



#7 AR-1016-5

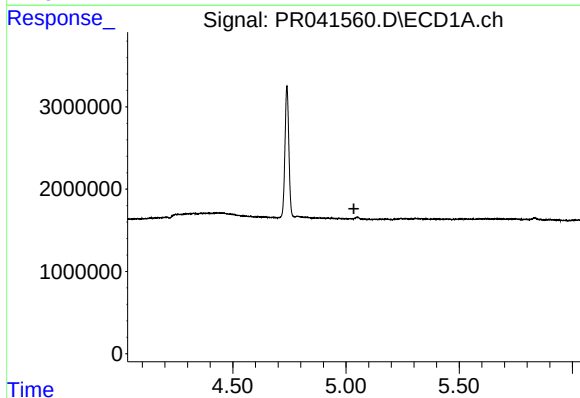
R.T.: 0.000 min  
Exp R.T.: 6.394 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



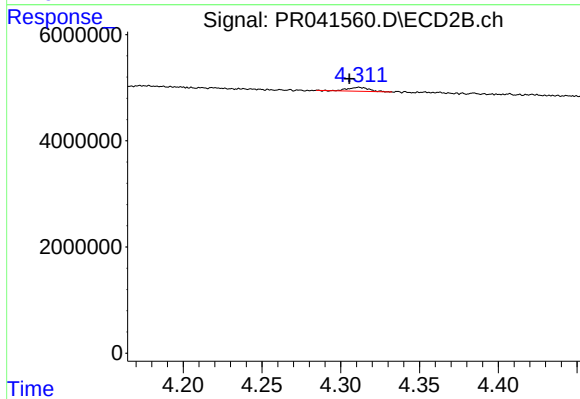
#7 AR-1016-5

R.T.: 5.557 min  
Delta R.T.: -0.002 min  
Response: 1591662  
Conc: 11.45 ng/ml



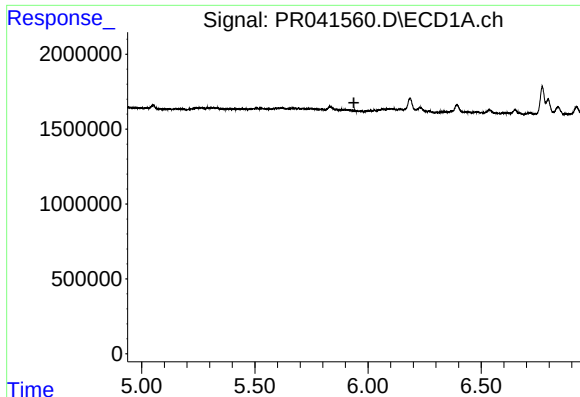
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 5.035 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

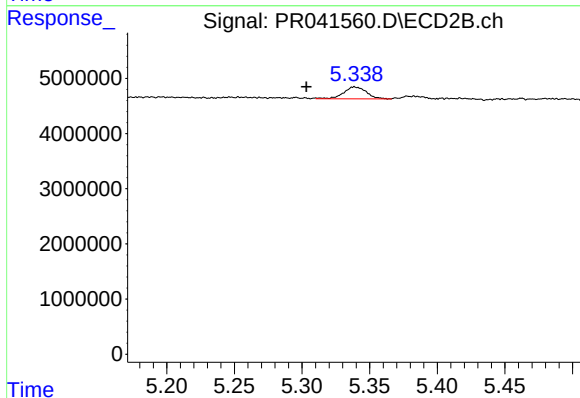
R.T.: 4.312 min  
Delta R.T.: 0.006 min  
Response: 633138  
Conc: 18.15 ng/ml



#13 AR-1232-3

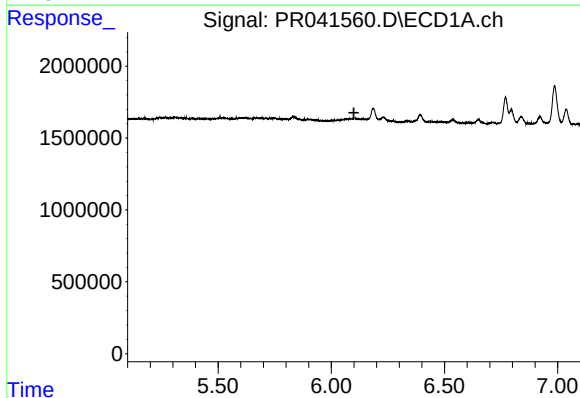
R.T.: 0.000 min  
Exp R.T.: 5.937 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



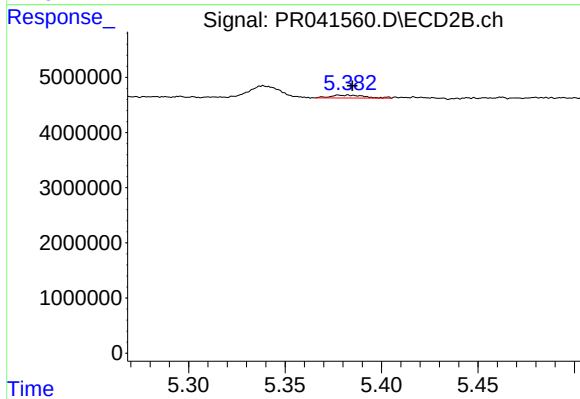
#13 AR-1232-3

R.T.: 5.339 min  
Delta R.T.: 0.036 min  
Response: 2552532  
Conc: 56.84 ng/ml



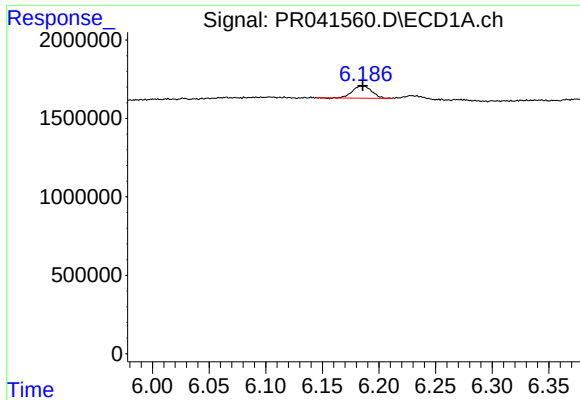
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 6.100 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

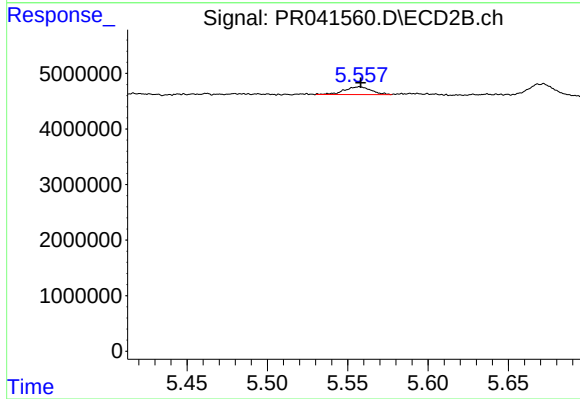
R.T.: 5.383 min  
Delta R.T.: -0.002 min  
Response: 654531  
Conc: 15.63 ng/ml



#15 AR-1232-5

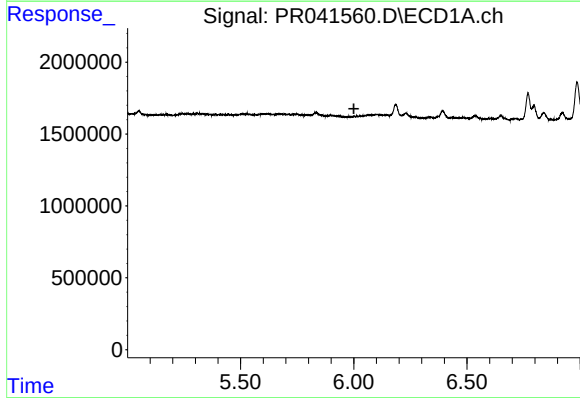
R.T.: 6.186 min  
Delta R.T.: 0.000 min  
Response: 924721  
Conc: 66.92 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



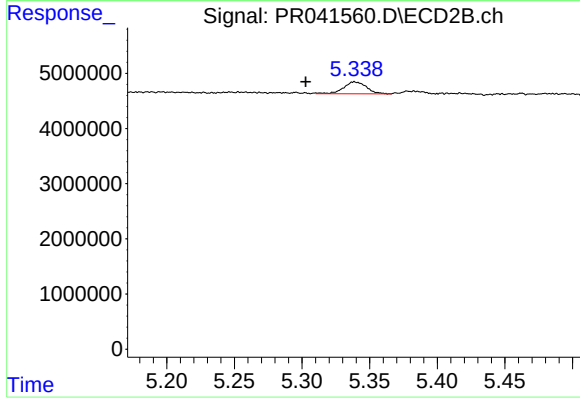
#15 AR-1232-5

R.T.: 5.557 min  
Delta R.T.: 0.000 min  
Response: 1591662  
Conc: 29.75 ng/ml



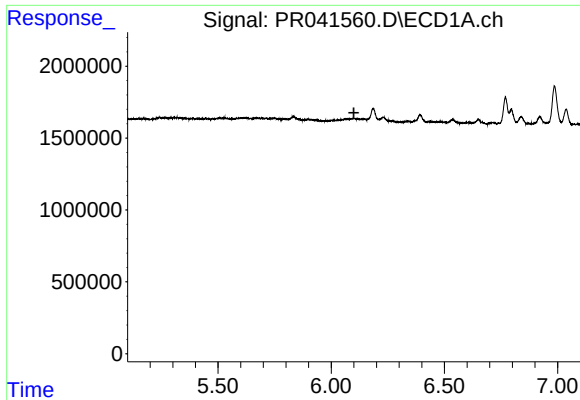
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 6.000 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

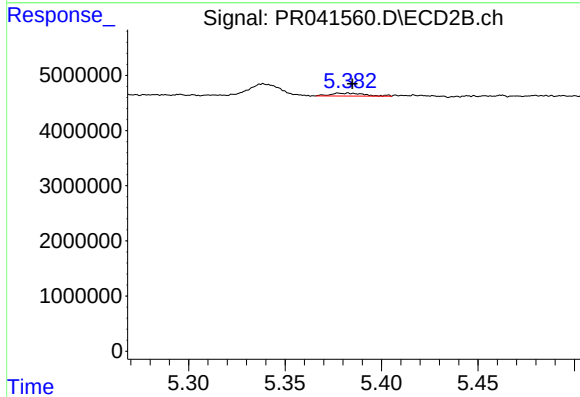
R.T.: 5.339 min  
Delta R.T.: 0.036 min  
Response: 2552532  
Conc: 28.14 ng/ml



#19 AR-1242-4

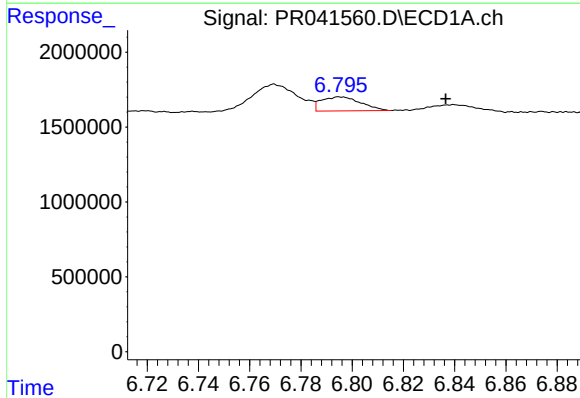
R.T.: 0.000 min  
Exp R.T.: 6.100 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



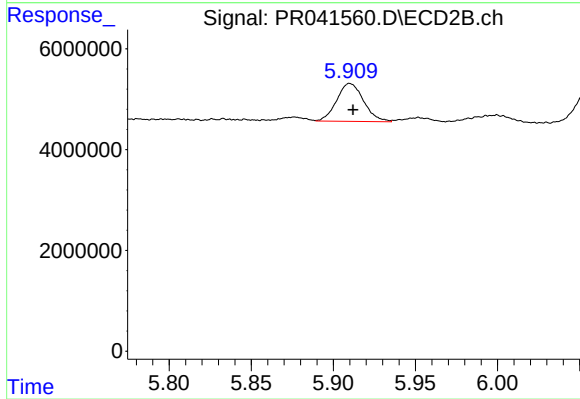
#19 AR-1242-4

R.T.: 5.383 min  
Delta R.T.: -0.002 min  
Response: 654531  
Conc: 6.96 ng/ml



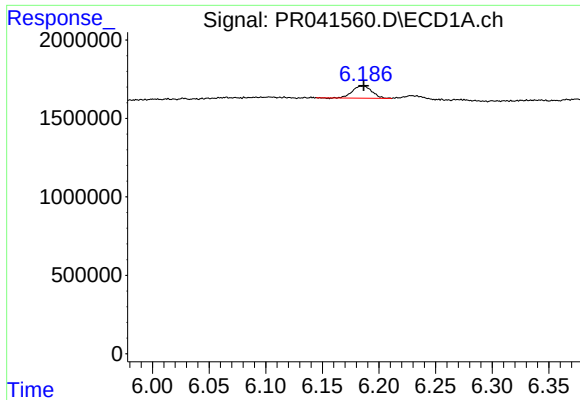
#20 AR-1242-5

R.T.: 6.796 min  
Delta R.T.: -0.041 min  
Response: 1001781  
Conc: 19.54 ng/ml



#20 AR-1242-5

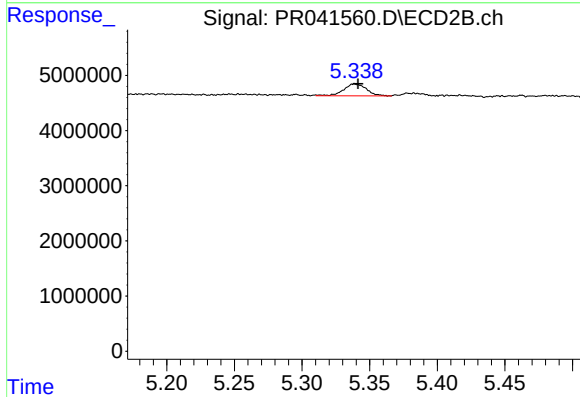
R.T.: 5.910 min  
Delta R.T.: -0.002 min  
Response: 8607177  
Conc: 50.74 ng/ml



#22 AR-1248-2

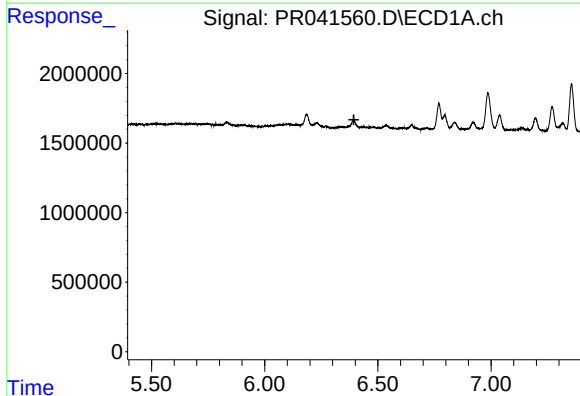
R.T.: 6.186 min  
Delta R.T.: 0.000 min  
Response: 924721  
Conc: 16.79 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



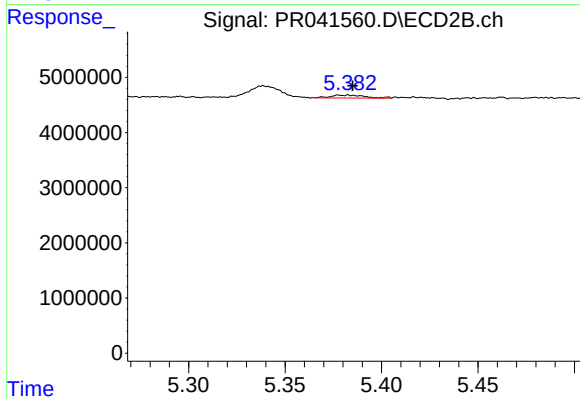
#22 AR-1248-2

R.T.: 5.339 min  
Delta R.T.: -0.003 min  
Response: 2552532  
Conc: 20.99 ng/ml



#23 AR-1248-3

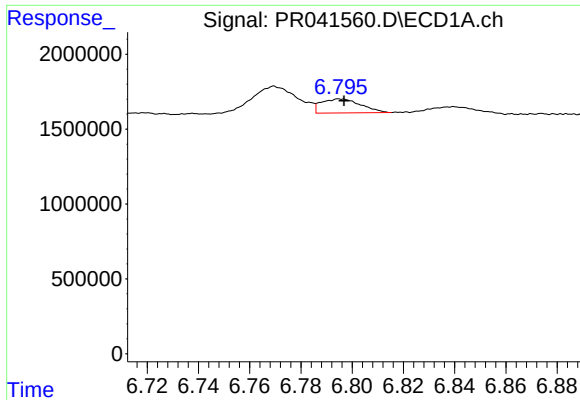
R.T.: 0.000 min  
Exp R.T. : 6.394 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

R.T.: 5.383 min  
Delta R.T.: -0.002 min  
Response: 654531  
Conc: 5.16 ng/ml

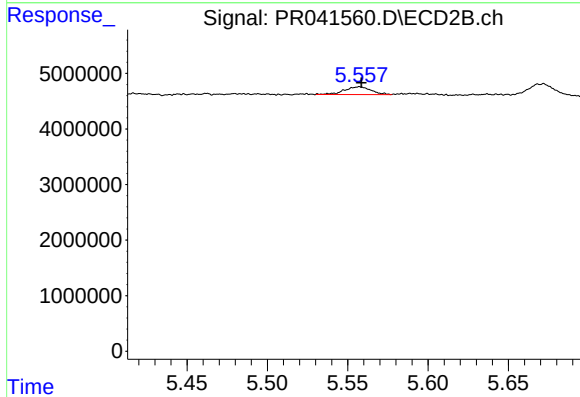




#24 AR-1248-4

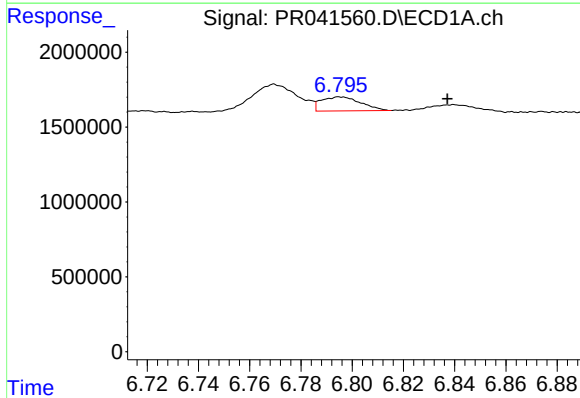
R.T.: 6.796 min  
Delta R.T.: -0.001 min  
Response: 1001781  
Conc: 11.74 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



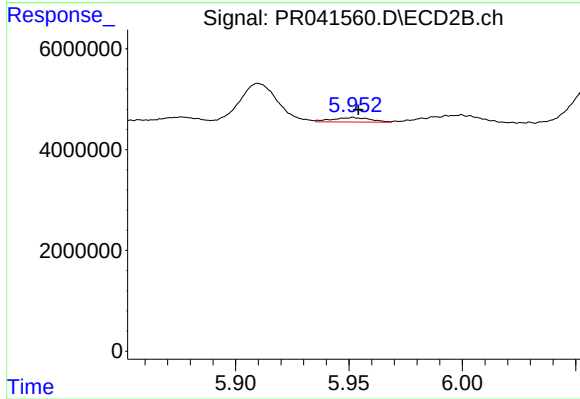
#24 AR-1248-4

R.T.: 5.557 min  
Delta R.T.: -0.001 min  
Response: 1591662  
Conc: 9.48 ng/ml



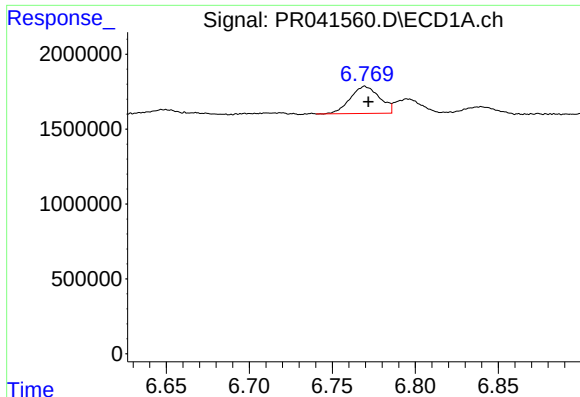
#25 AR-1248-5

R.T.: 6.796 min  
Delta R.T.: -0.042 min  
Response: 1001781  
Conc: 12.29 ng/ml



#25 AR-1248-5

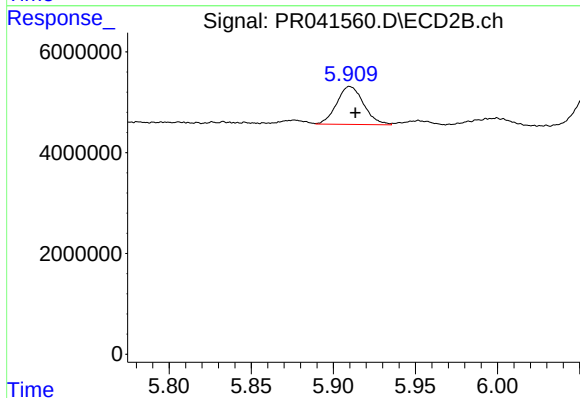
R.T.: 5.952 min  
Delta R.T.: -0.002 min  
Response: 1024728  
Conc: 4.71 ng/ml



#26 AR-1254-1

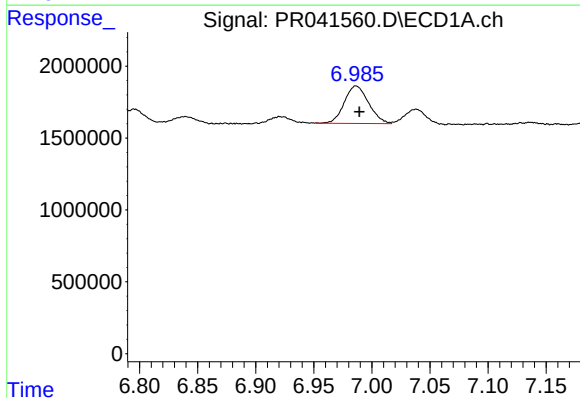
R.T.: 6.770 min  
Delta R.T.: -0.002 min  
Response: 2222434  
Conc: 26.71 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



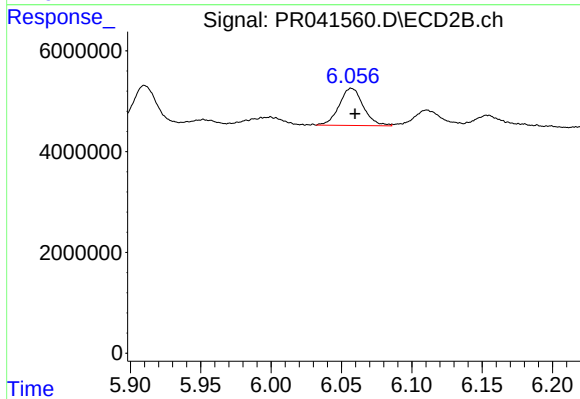
#26 AR-1254-1

R.T.: 5.910 min  
Delta R.T.: -0.003 min  
Response: 8607177  
Conc: 26.54 ng/ml



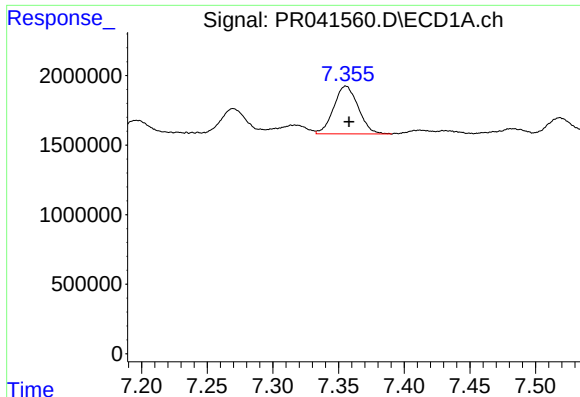
#27 AR-1254-2

R.T.: 6.986 min  
Delta R.T.: -0.003 min  
Response: 3794875  
Conc: 27.01 ng/ml



#27 AR-1254-2

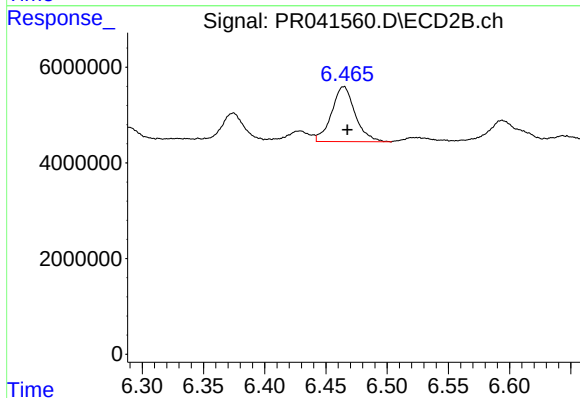
R.T.: 6.057 min  
Delta R.T.: -0.003 min  
Response: 8835428  
Conc: 28.92 ng/ml



#28 AR-1254-3

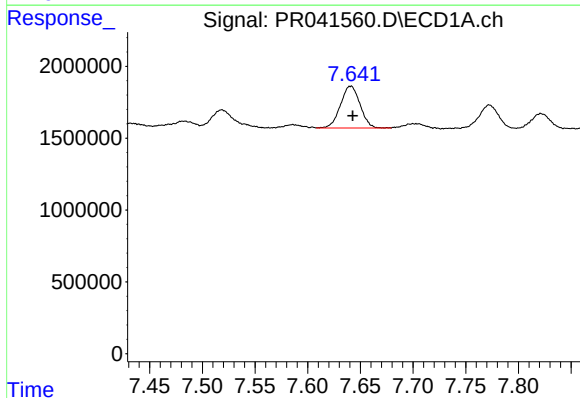
R.T.: 7.356 min  
Delta R.T.: -0.002 min  
Response: 4467800  
Conc: 26.37 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



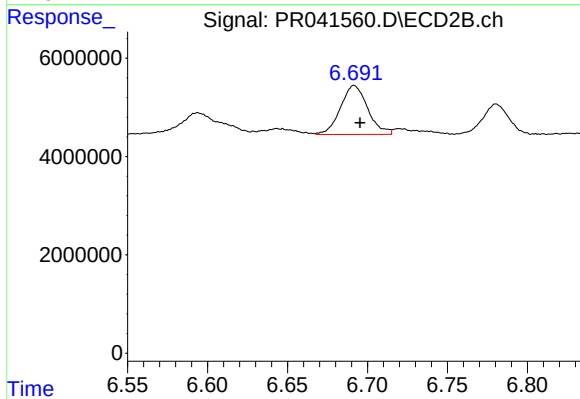
#28 AR-1254-3

R.T.: 6.465 min  
Delta R.T.: -0.003 min  
Response: 15415562  
Conc: 27.55 ng/ml



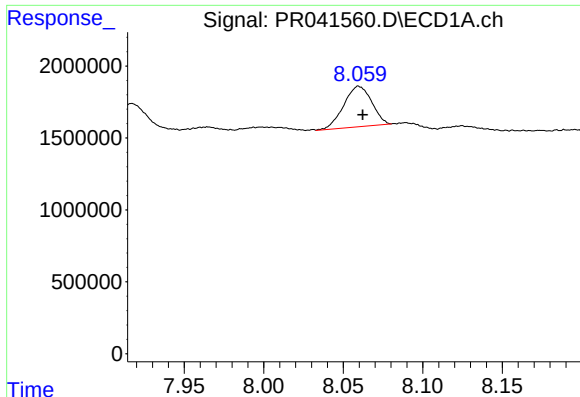
#29 AR-1254-4

R.T.: 7.641 min  
Delta R.T.: -0.002 min  
Response: 3772511  
Conc: 27.79 ng/ml



#29 AR-1254-4

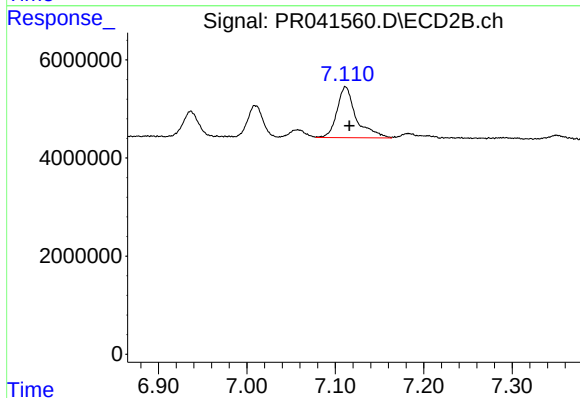
R.T.: 6.692 min  
Delta R.T.: -0.004 min  
Response: 11832768  
Conc: 27.73 ng/ml



#30 AR-1254-5

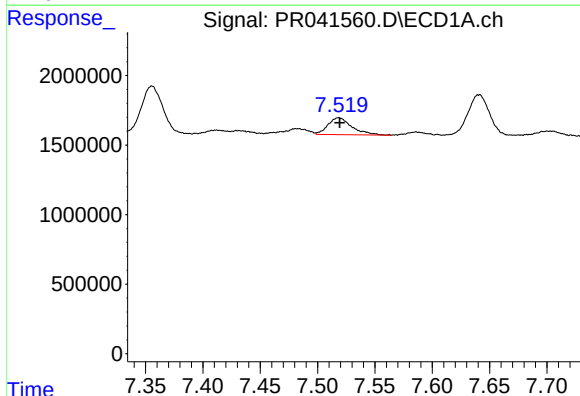
R.T.: 8.060 min  
Delta R.T.: -0.002 min  
Response: 3443242  
Conc: 22.39 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



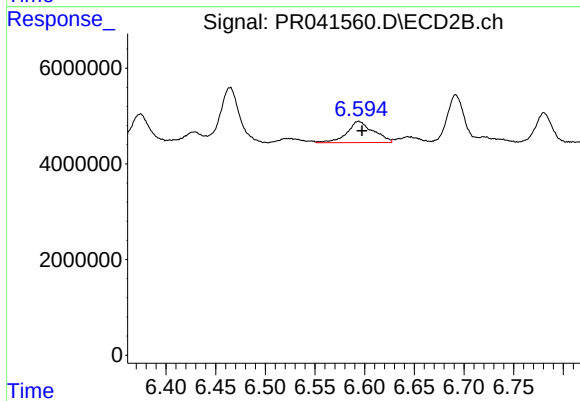
#30 AR-1254-5

R.T.: 7.112 min  
Delta R.T.: -0.004 min  
Response: 15612126  
Conc: 26.99 ng/ml



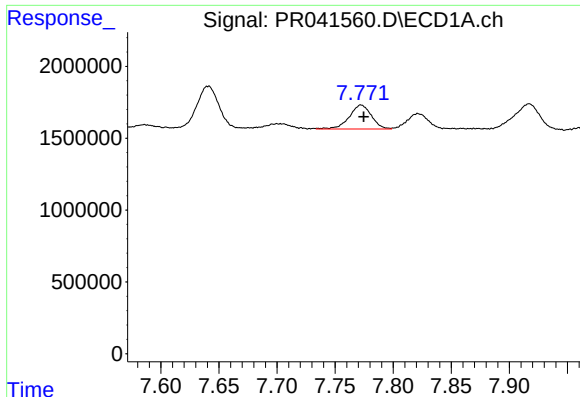
#31 AR-1260-1

R.T.: 7.519 min  
Delta R.T.: 0.000 min  
Response: 1757035  
Conc: 14.84 ng/ml



#31 AR-1260-1

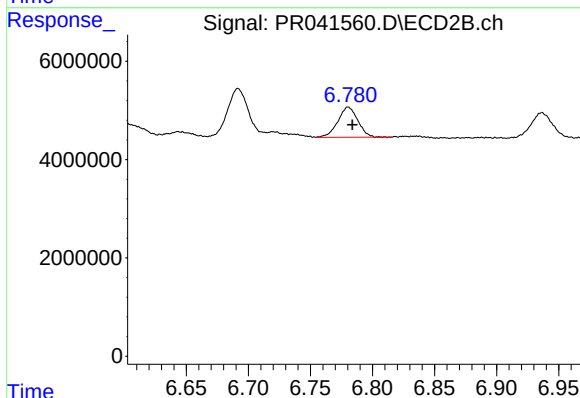
R.T.: 6.594 min  
Delta R.T.: -0.004 min  
Response: 8223762  
Conc: 21.11 ng/ml



#32 AR-1260-2

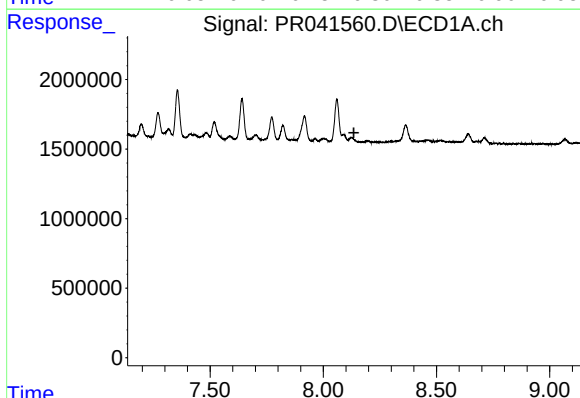
R.T.: 7.772 min  
Delta R.T.: -0.002 min  
Response: 2206152  
Conc: 14.95 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



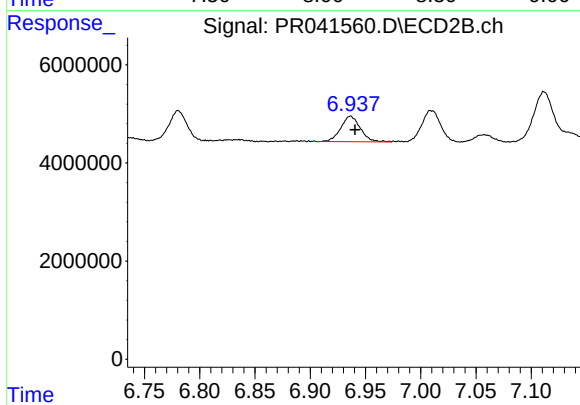
#32 AR-1260-2

R.T.: 6.781 min  
Delta R.T.: -0.003 min  
Response: 6811658  
Conc: 12.64 ng/ml



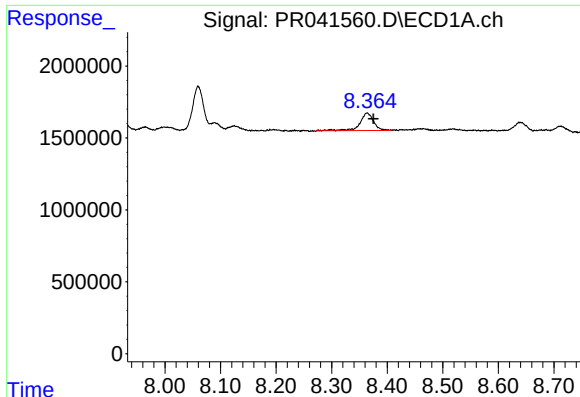
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.135 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

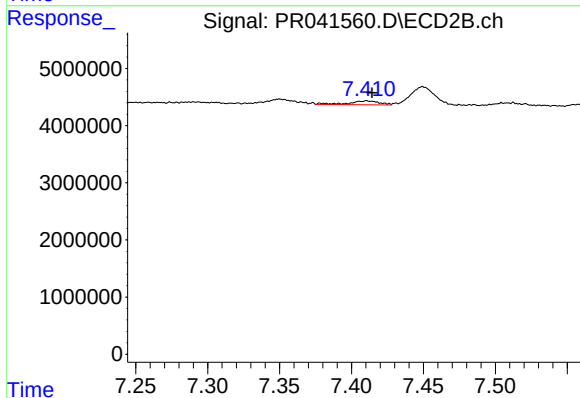
R.T.: 6.936 min  
Delta R.T.: -0.004 min  
Response: 6388224  
Conc: 13.68 ng/ml



#34 AR-1260-4

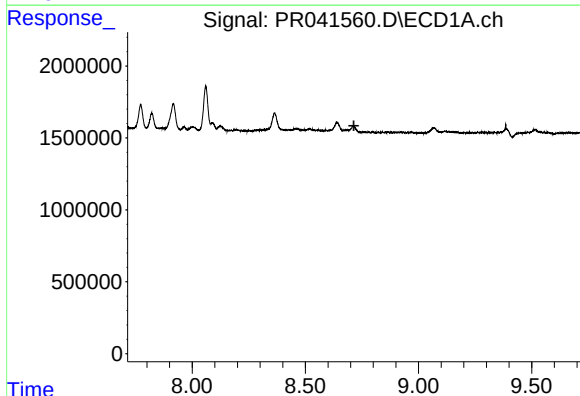
R.T.: 8.364 min  
Delta R.T.: -0.011 min  
Response: 2072211  
Conc: 14.51 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



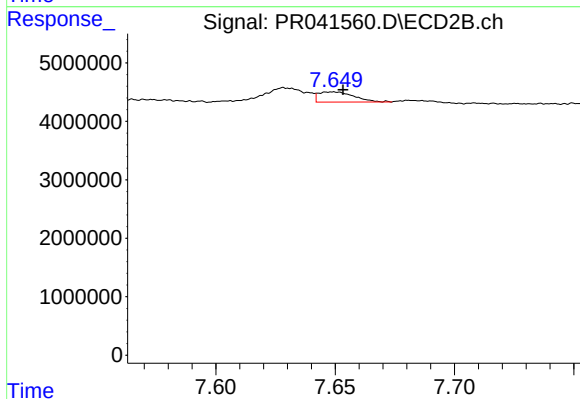
#34 AR-1260-4

R.T.: 7.411 min  
Delta R.T.: -0.004 min  
Response: 972457  
Conc: 2.29 ng/ml



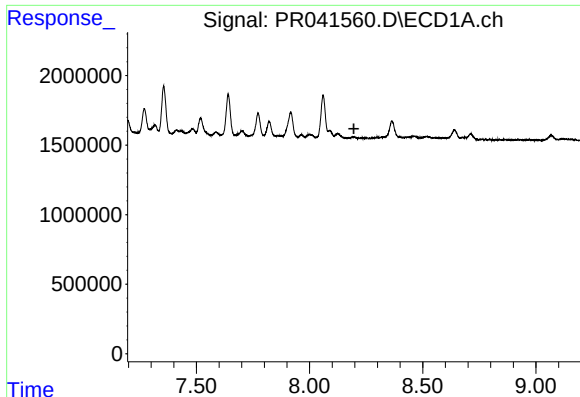
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.714 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

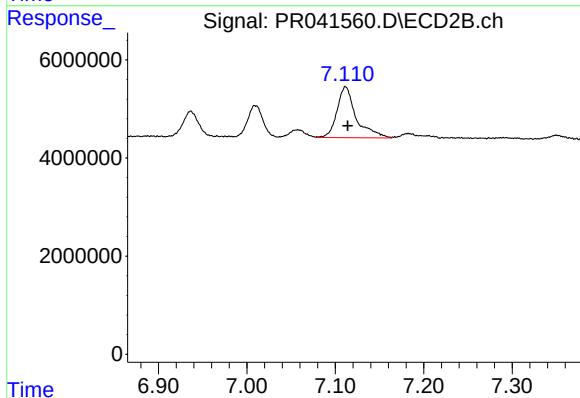
R.T.: 7.649 min  
Delta R.T.: -0.004 min  
Response: 1813114  
Conc: 1.49 ng/ml



#36 AR-1262-1

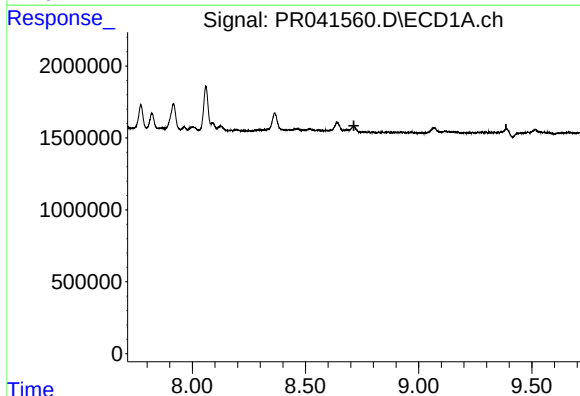
R.T.: 0.000 min  
Exp R.T.: 8.196 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



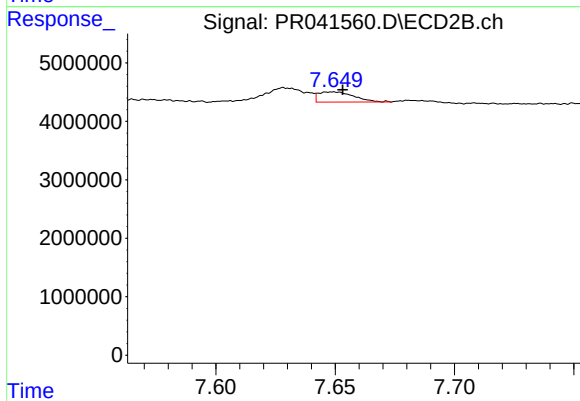
#36 AR-1262-1

R.T.: 7.112 min  
Delta R.T.: -0.002 min  
Response: 15612126  
Conc: 46.64 ng/ml



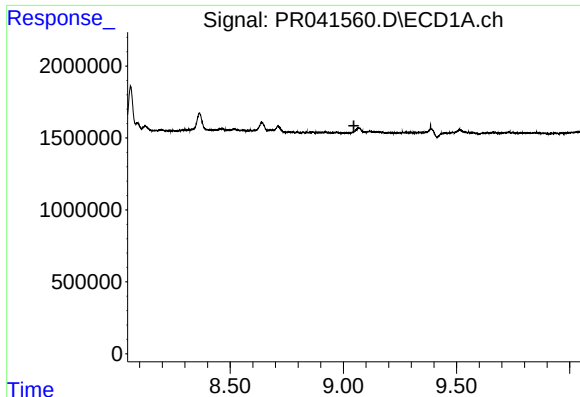
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.714 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

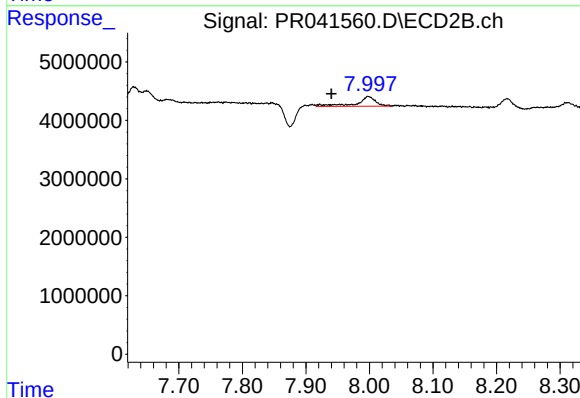
R.T.: 7.649 min  
Delta R.T.: -0.004 min  
Response: 1813114  
Conc: 1.31 ng/ml



#38 AR-1262-3

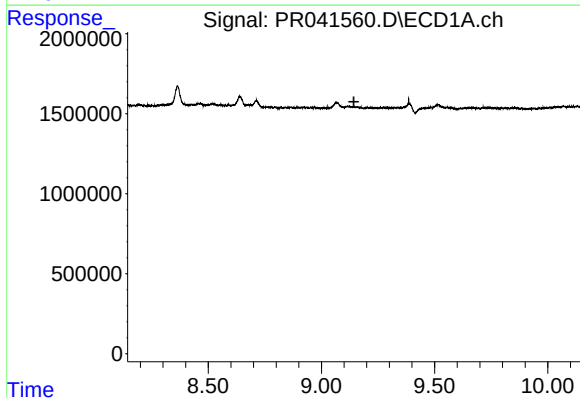
R.T.: 0.000 min  
Exp R.T.: 9.047 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



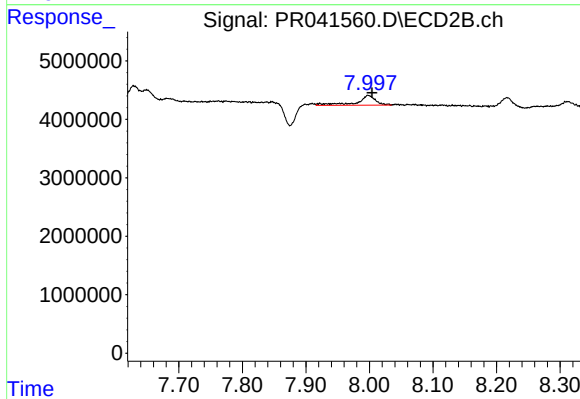
#38 AR-1262-3

R.T.: 7.998 min  
Delta R.T.: 0.058 min  
Response: 3433044  
Conc: 6.00 ng/ml



#39 AR-1262-4

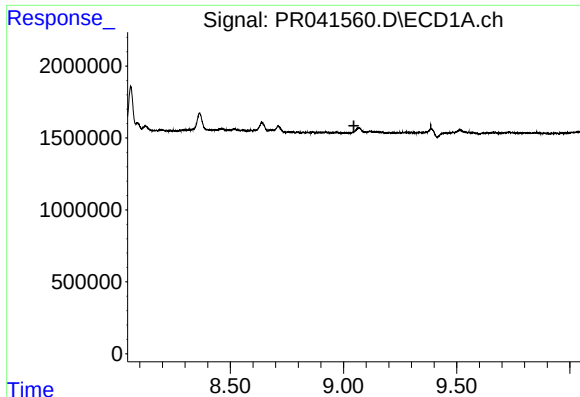
R.T.: 0.000 min  
Exp R.T.: 9.144 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

R.T.: 7.998 min  
Delta R.T.: -0.006 min  
Response: 3433044  
Conc: 3.39 ng/ml

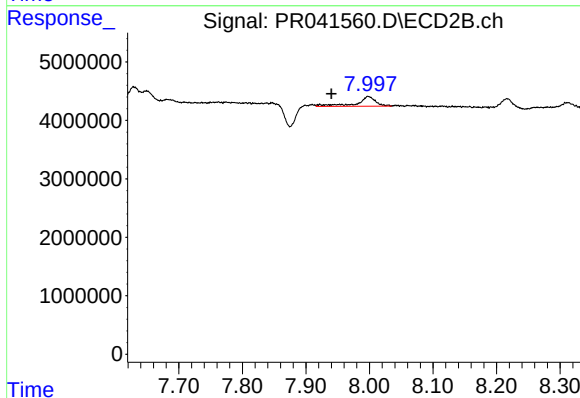




#41 AR-1268-1

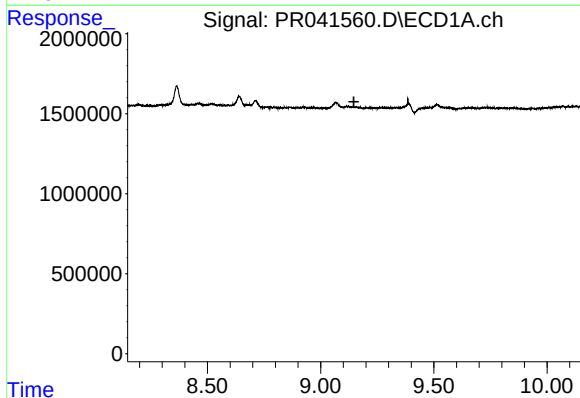
R.T.: 0.000 min  
Exp R.T.: 9.046 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



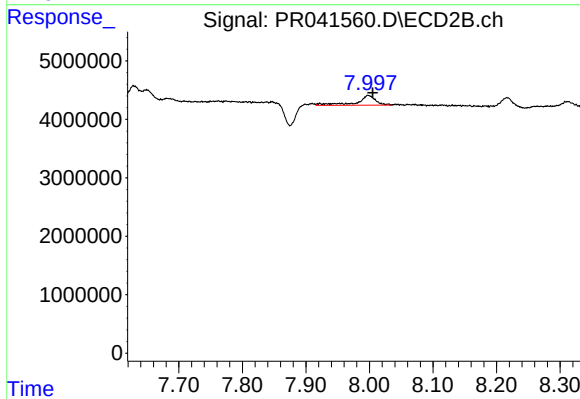
#41 AR-1268-1

R.T.: 7.998 min  
Delta R.T.: 0.058 min  
Response: 3433044  
Conc: 2.03 ng/ml



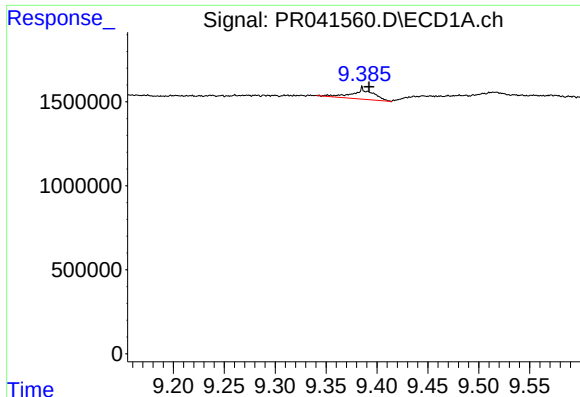
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.147 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

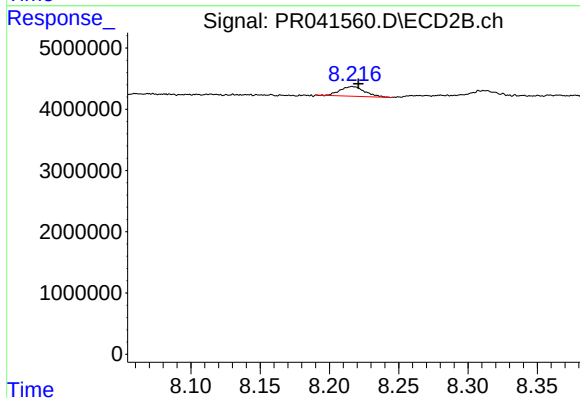
R.T.: 7.998 min  
Delta R.T.: -0.007 min  
Response: 3433044  
Conc: 2.19 ng/ml



#43 AR-1268-3

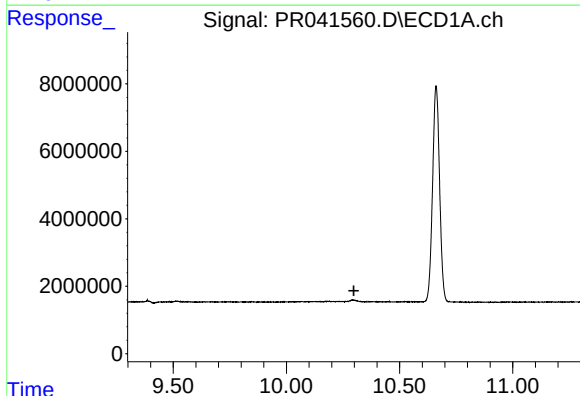
R.T.: 9.386 min  
Delta R.T.: -0.007 min  
Response: 939091  
Conc: 2.54 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-S-4



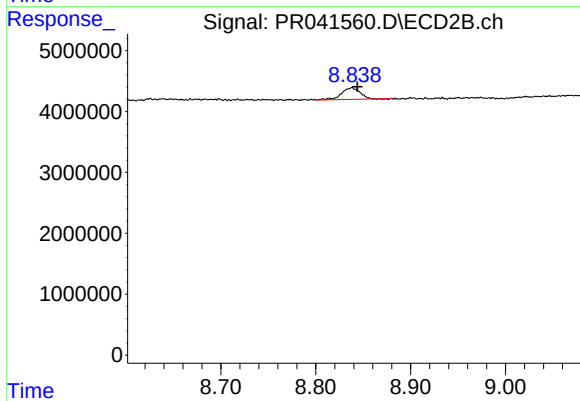
#43 AR-1268-3

R.T.: 8.217 min  
Delta R.T.: -0.004 min  
Response: 1954725  
Conc: 1.48 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 10.298 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.838 min  
Delta R.T.: -0.006 min  
Response: 2507439  
Conc: 0.57 ng/ml