

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR092619\  
 Data File : PR041564.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2019 22:16  
 Operator : SM\AJ  
 Sample : MDL-AR1254-W-1  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 MDL-AR1254-W-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 01:47:41 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  | 4.005  | 20721604 | 87867332 | 15.610 | 14.526   |
| 2)                          | SA Decachlor... | 10.661 | 9.121  | 139.3E6  | 430.0E6  | 43.643 | 39.856   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.340f | 0        | 2578528  | N.D.   | 21.789 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.340  | 0        | 2578528  | N.D.   | 26.469 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.557  | 0        | 2114443  | N.D.   | 15.209 # |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.311  | 0        | 765524   | N.D.   | 21.951 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.340f | 0        | 2578528  | N.D.   | 57.424 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.383  | 0        | 724002   | N.D.   | 17.285 # |
| 15)                         | L3 AR-1232-5    | 6.185  | 5.557  | 1087208  | 2114443  | 78.682 | 39.527 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.340f | 0        | 2578528  | N.D.   | 28.427 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.383  | 0        | 724002   | N.D.   | 7.694 #  |
| 20)                         | L4 AR-1242-5    | 6.796f | 5.910  | 1086362  | 9992535  | 21.194 | 58.905 # |
| 22)                         | L5 AR-1248-2    | 6.185  | 5.340  | 1087208  | 2578528  | 19.738 | 21.200   |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.383  | 0        | 724002   | N.D.   | 5.711 #  |
| 24)                         | L5 AR-1248-4    | 6.796  | 5.557  | 1086362  | 2114443  | 12.729 | 12.597   |
| 25)                         | L5 AR-1248-5    | 6.796f | 5.952  | 1086362  | 1582890  | 13.332 | 7.270 #  |
| 26)                         | L6 AR-1254-1    | 6.770  | 5.910  | 2427642  | 9992535  | 29.172 | 30.813   |
| 27)                         | L6 AR-1254-2    | 6.986  | 6.057  | 4307063  | 9579453  | 30.652 | 31.356   |
| 28)                         | L6 AR-1254-3    | 7.356  | 6.464  | 4997235  | 16441617 | 29.493 | 29.383   |
| 29)                         | L6 AR-1254-4    | 7.640  | 6.692  | 4113510  | 12421800 | 30.303 | 29.107   |
| 30)                         | L6 AR-1254-5    | 8.060  | 7.112  | 3805233  | 16102526 | 24.746 | 27.834   |
| 31)                         | L7 AR-1260-1    | 7.518  | 6.595  | 1878391  | 8477476  | 15.862 | 21.766 # |
| 32)                         | L7 AR-1260-2    | 7.772  | 6.781  | 2536849  | 7192722  | 17.191 | 13.342   |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.937  | 0        | 6558783  | N.D.   | 14.041 # |
| 34)                         | L7 AR-1260-4    | 8.364  | 7.412  | 1816601  | 797726   | 12.723 | 1.882 #  |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.649  | 0        | 1780629  | N.D.   | 1.462 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.112  | 0        | 16102526 | N.D.   | 48.110 # |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.649  | 0        | 1780629  | N.D.   | 1.289 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.998f | 0        | 2474224  | N.D.   | 4.326 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.998  | 0        | 2474224  | N.D.   | 2.442 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.998f | 0        | 2474224  | N.D.   | 1.462 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.998  | 0        | 2474224  | N.D.   | 1.582 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.217  | 0        | 1923180  | N.D.   | 1.454 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.838  | 0        | 2907312  | N.D.   | 0.660 #  |
| -----                       |                 |        |        |          |          |        |          |

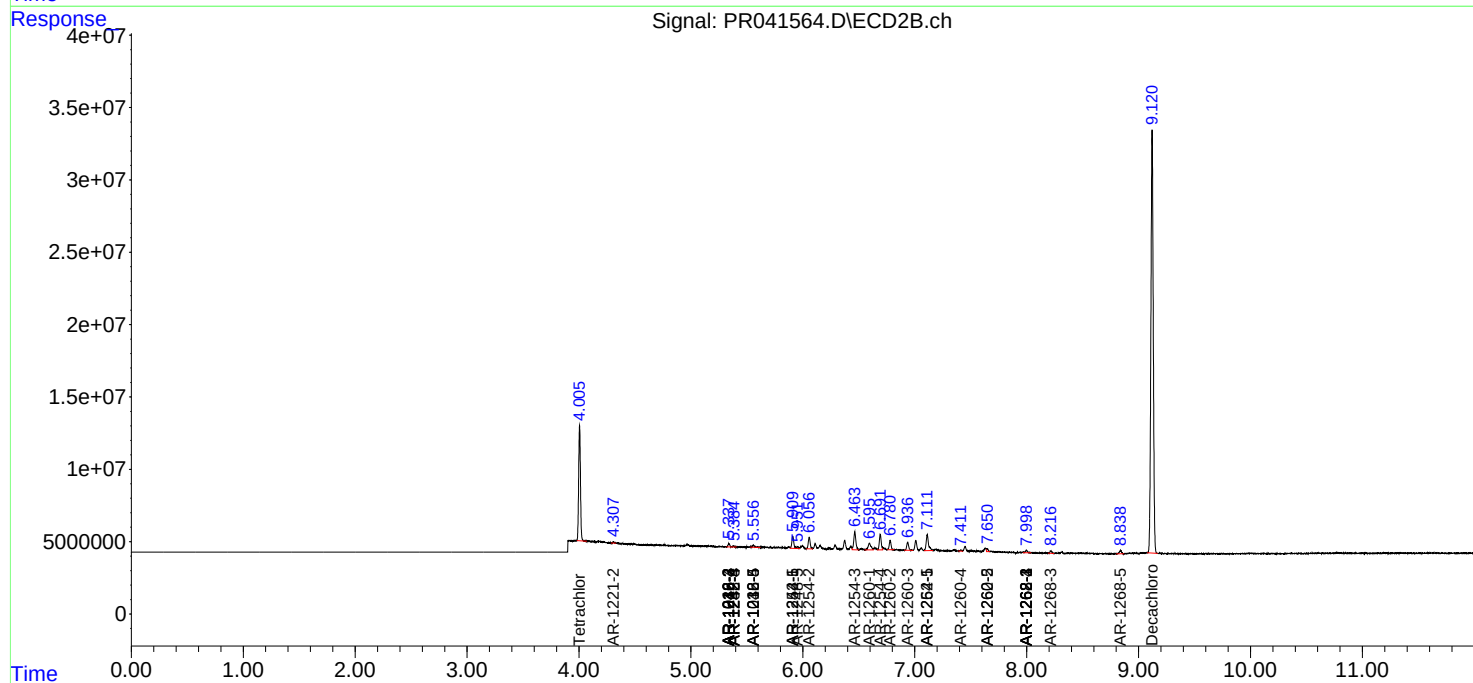
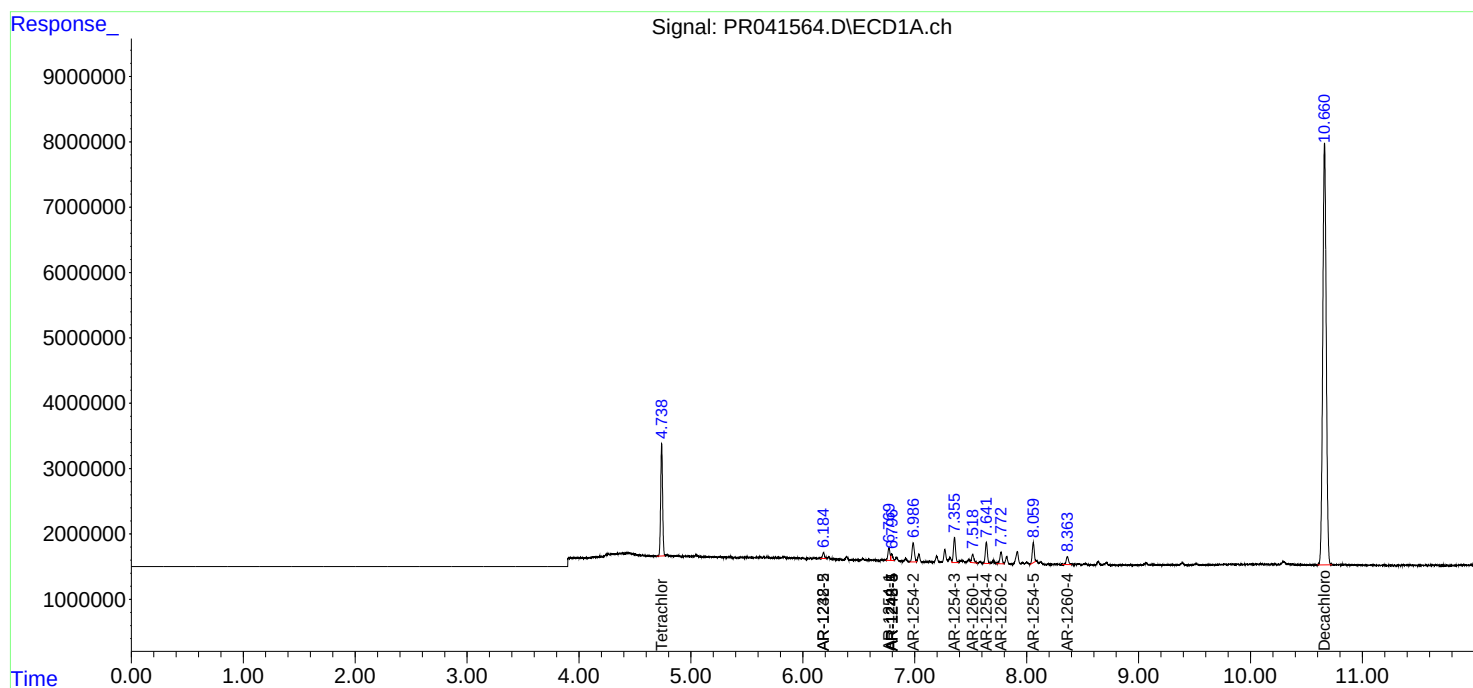
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

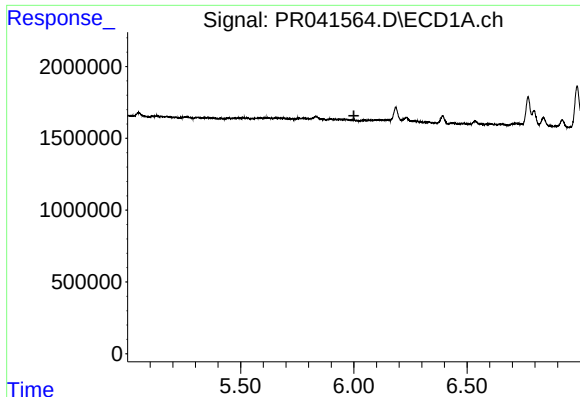
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR092619\  
Data File : PR041564.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2019 22:16  
Operator : SM\AJ  
Sample : MDL-AR1254-W-1  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 01:47:41 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

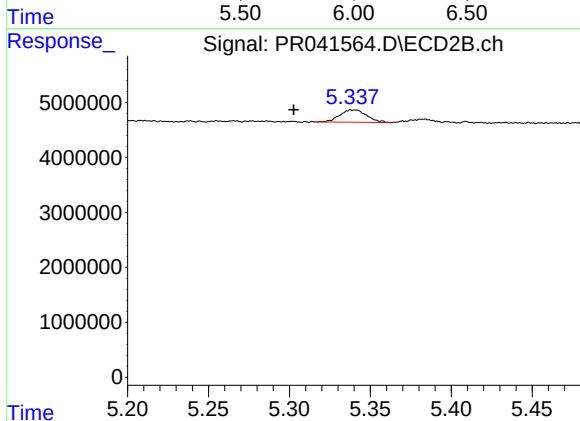




#5 AR-1016-3

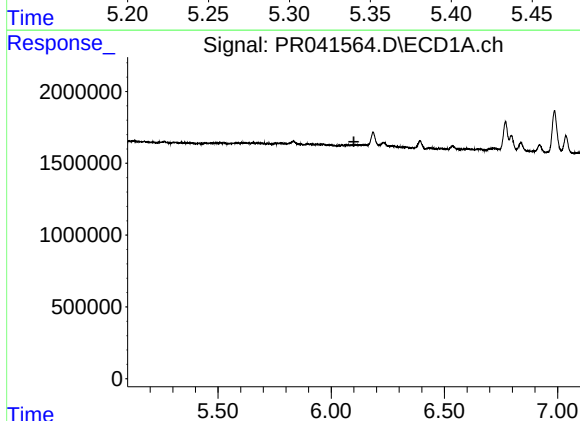
R.T.: 0.000 min  
Exp R.T.: 6.000 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



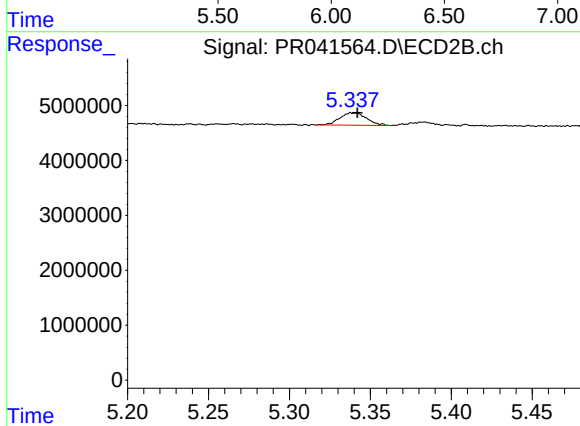
#5 AR-1016-3

R.T.: 5.340 min  
Delta R.T.: 0.037 min  
Response: 2578528  
Conc: 21.79 ng/ml



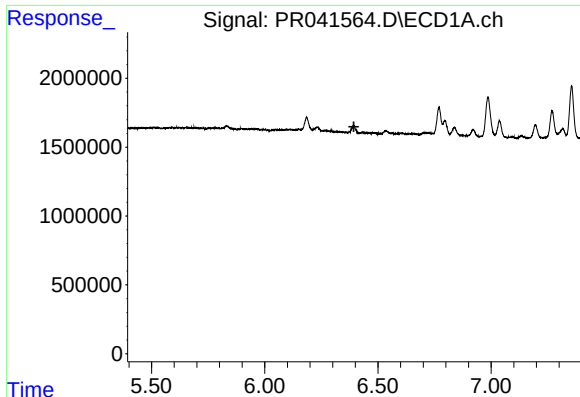
#6 AR-1016-4

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



#6 AR-1016-4

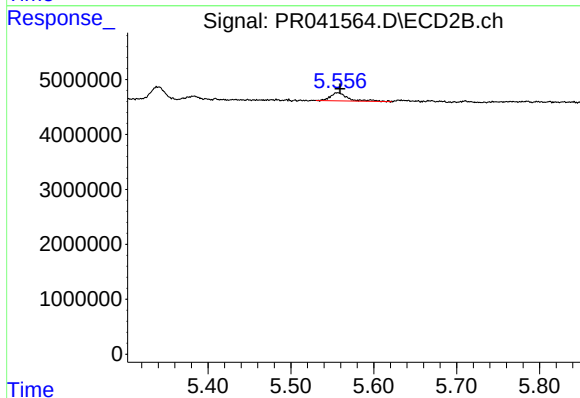
R.T.: 5.340 min  
Delta R.T.: -0.002 min  
Response: 2578528  
Conc: 26.47 ng/ml



#7 AR-1016-5

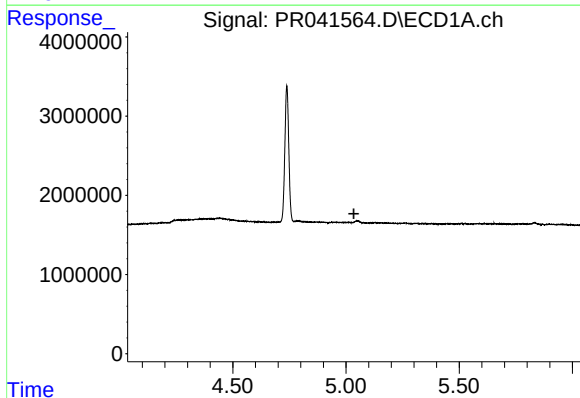
R.T.: 0.000 min  
Exp R.T.: 6.394 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



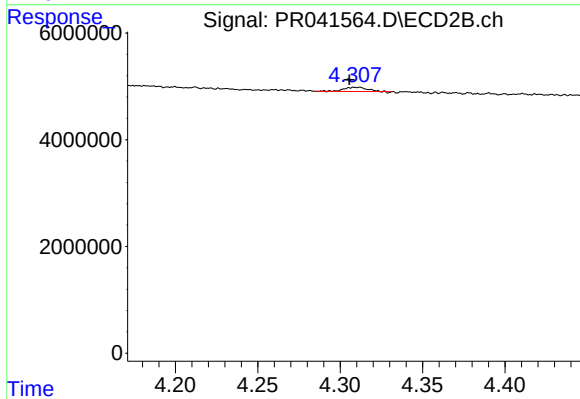
#7 AR-1016-5

R.T.: 5.557 min  
Delta R.T.: -0.003 min  
Response: 2114443  
Conc: 15.21 ng/ml



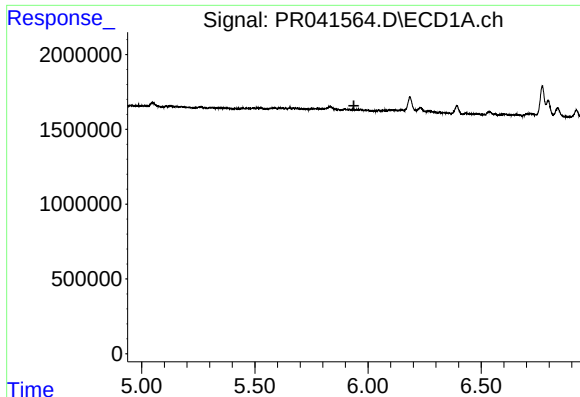
#9 AR-1221-2

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



#9 AR-1221-2

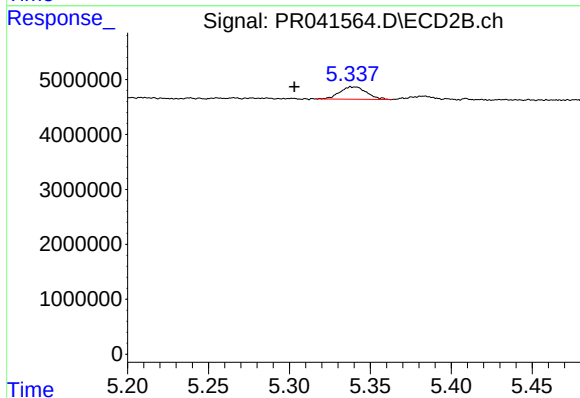
R.T.: 4.311 min  
Delta R.T.: 0.005 min  
Response: 765524  
Conc: 21.95 ng/ml



#13 AR-1232-3

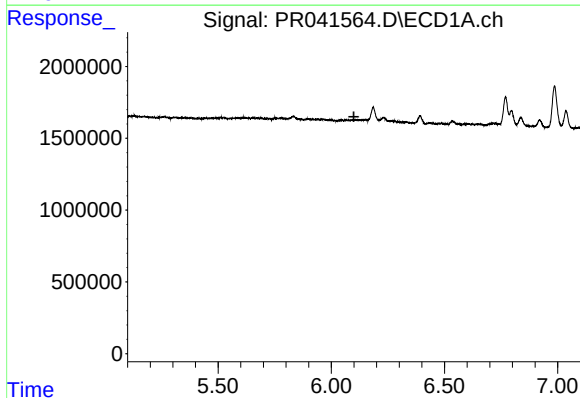
R.T.: 0.000 min  
Exp R.T.: 5.937 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



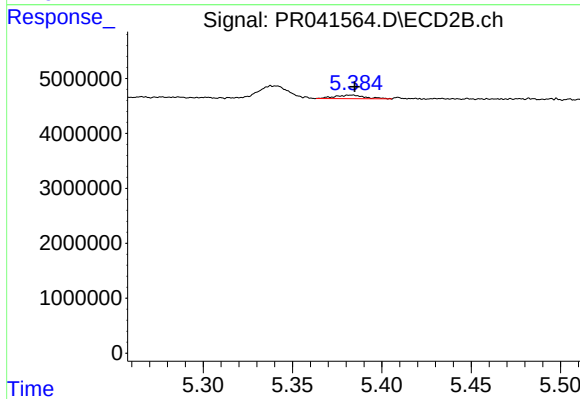
#13 AR-1232-3

R.T.: 5.340 min  
Delta R.T.: 0.037 min  
Response: 2578528  
Conc: 57.42 ng/ml



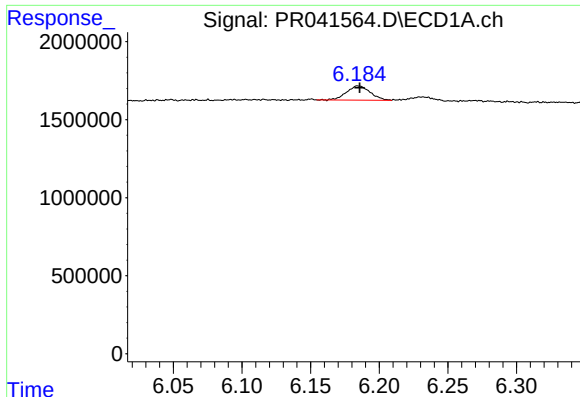
#14 AR-1232-4

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



#14 AR-1232-4

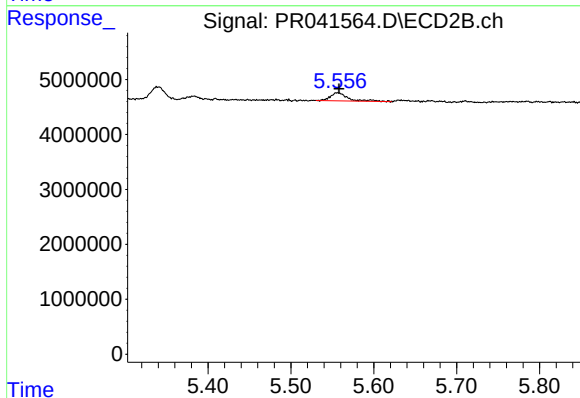
R.T.: 5.383 min  
Delta R.T.: -0.002 min  
Response: 724002  
Conc: 17.28 ng/ml



#15 AR-1232-5

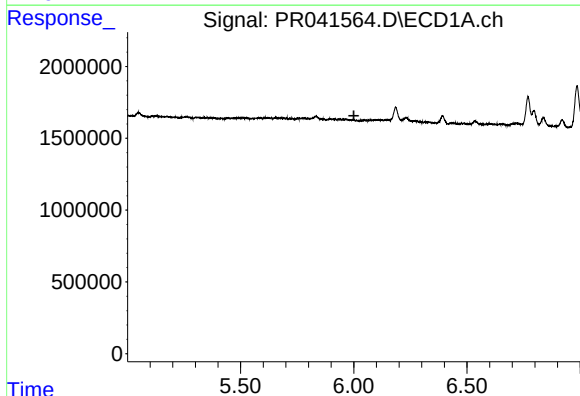
R.T.: 6.185 min  
Delta R.T.: 0.000 min  
Response: 1087208  
Conc: 78.68 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



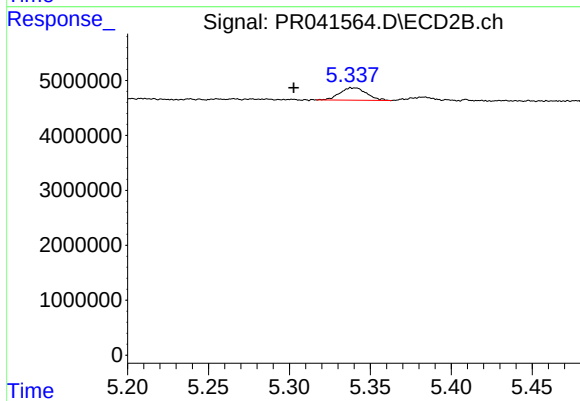
#15 AR-1232-5

R.T.: 5.557 min  
Delta R.T.: -0.002 min  
Response: 2114443  
Conc: 39.53 ng/ml



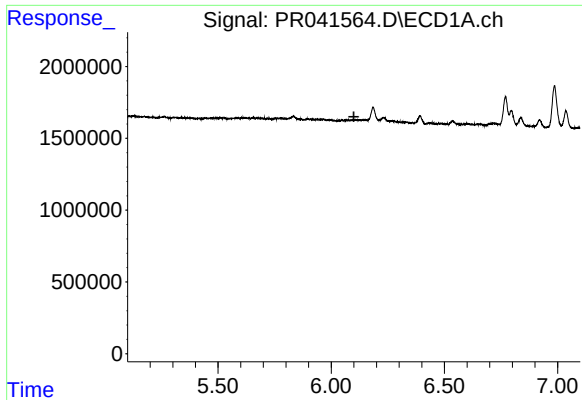
#18 AR-1242-3

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



#18 AR-1242-3

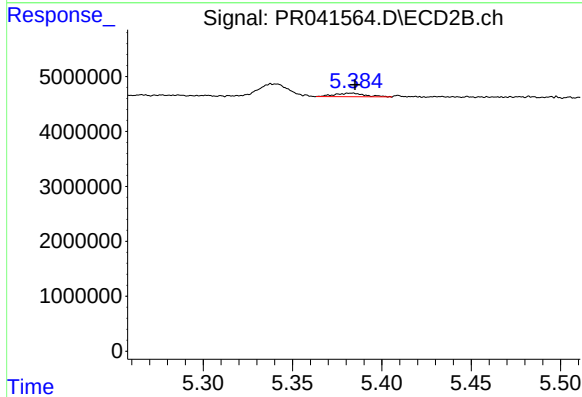
R.T.: 5.340 min  
Delta R.T.: 0.037 min  
Response: 2578528  
Conc: 28.43 ng/ml



#19 AR-1242-4

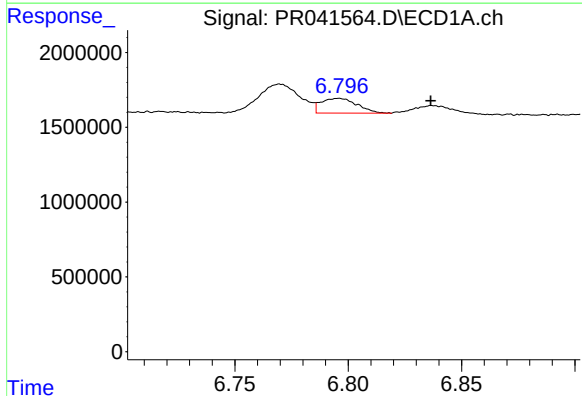
R.T.: 0.000 min  
Exp R.T.: 6.100 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



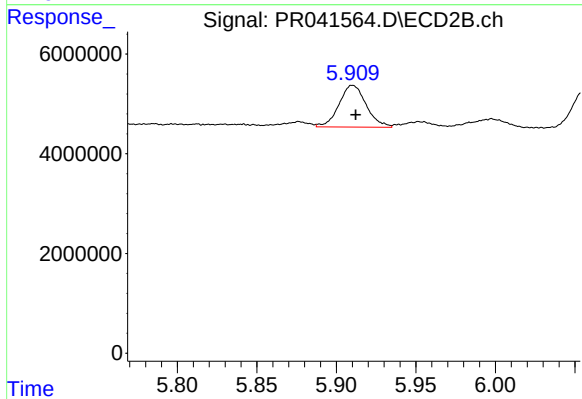
#19 AR-1242-4

R.T.: 5.383 min  
Delta R.T.: -0.002 min  
Response: 724002  
Conc: 7.69 ng/ml



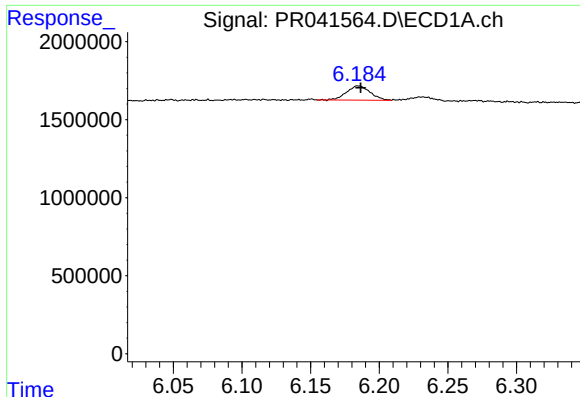
#20 AR-1242-5

R.T.: 6.796 min  
Delta R.T.: -0.041 min  
Response: 1086362  
Conc: 21.19 ng/ml



#20 AR-1242-5

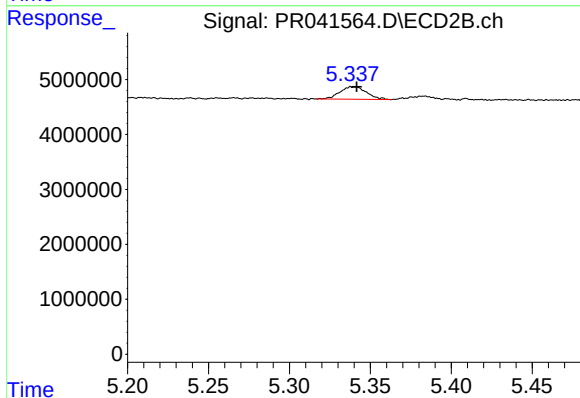
R.T.: 5.910 min  
Delta R.T.: -0.002 min  
Response: 9992535  
Conc: 58.91 ng/ml



#22 AR-1248-2

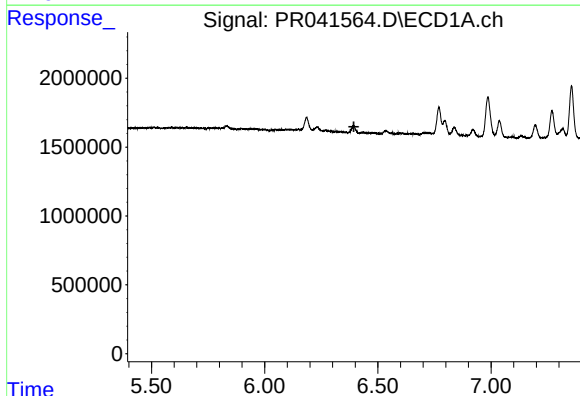
R.T.: 6.185 min  
Delta R.T.: -0.002 min  
Response: 1087208  
Conc: 19.74 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



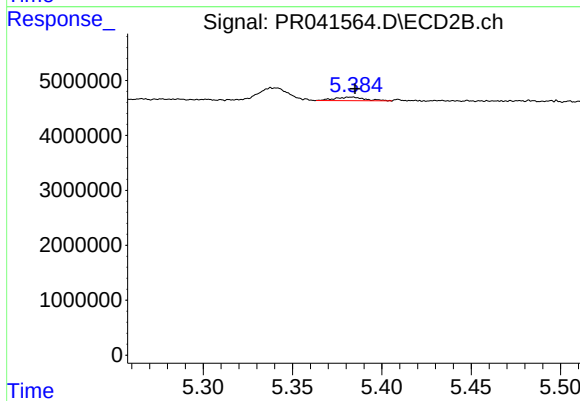
#22 AR-1248-2

R.T.: 5.340 min  
Delta R.T.: -0.002 min  
Response: 2578528  
Conc: 21.20 ng/ml



#23 AR-1248-3

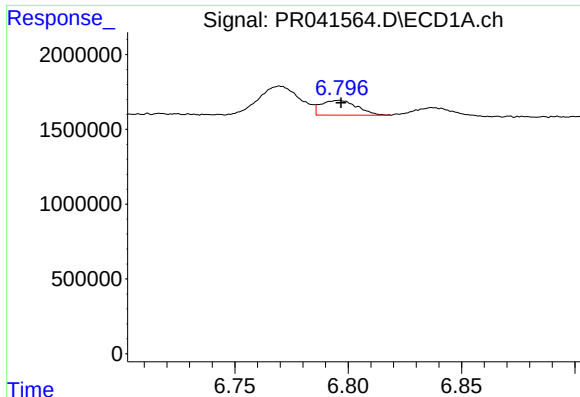
R.T.: 0.000 min  
Exp R.T. : 6.394 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

R.T.: 5.383 min  
Delta R.T.: -0.002 min  
Response: 724002  
Conc: 5.71 ng/ml

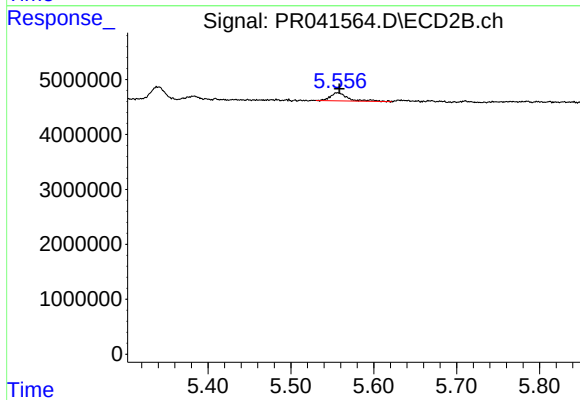




#24 AR-1248-4

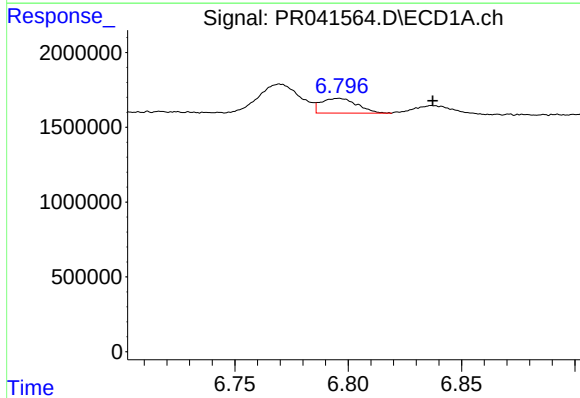
R.T.: 6.796 min  
Delta R.T.: 0.000 min  
Response: 1086362  
Conc: 12.73 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



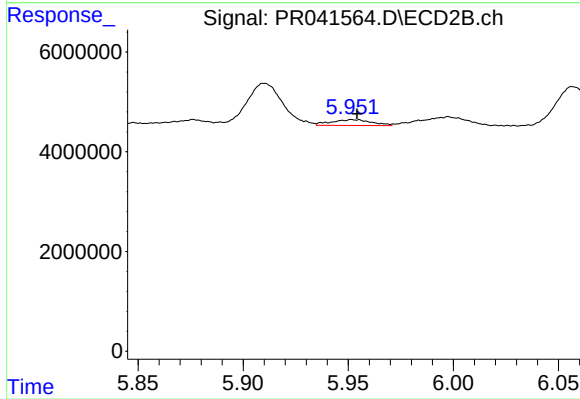
#24 AR-1248-4

R.T.: 5.557 min  
Delta R.T.: -0.002 min  
Response: 2114443  
Conc: 12.60 ng/ml



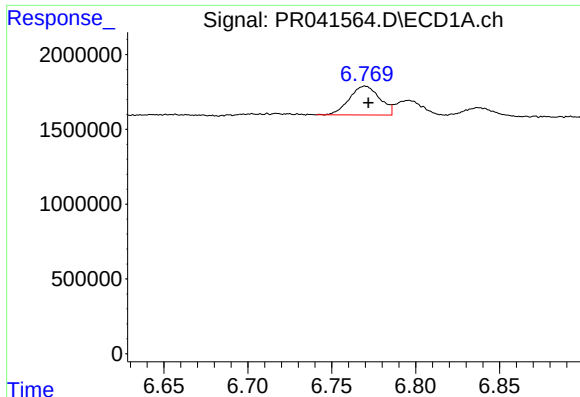
#25 AR-1248-5

R.T.: 6.796 min  
Delta R.T.: -0.041 min  
Response: 1086362  
Conc: 13.33 ng/ml



#25 AR-1248-5

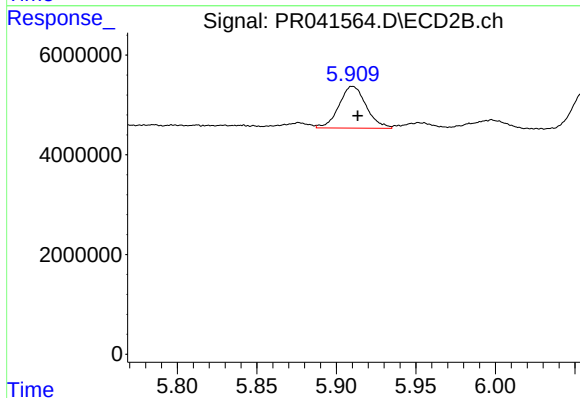
R.T.: 5.952 min  
Delta R.T.: -0.002 min  
Response: 1582890  
Conc: 7.27 ng/ml



#26 AR-1254-1

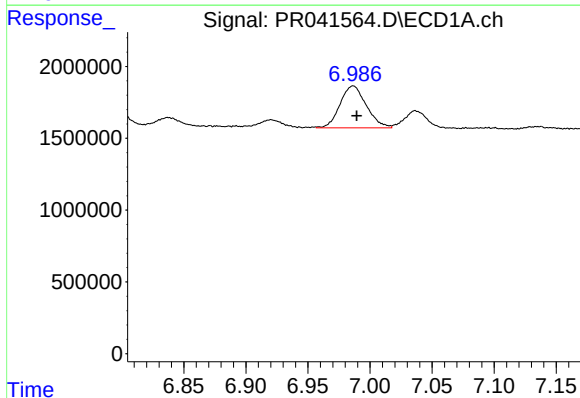
R.T.: 6.770 min  
Delta R.T.: -0.002 min  
Response: 2427642  
Conc: 29.17 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



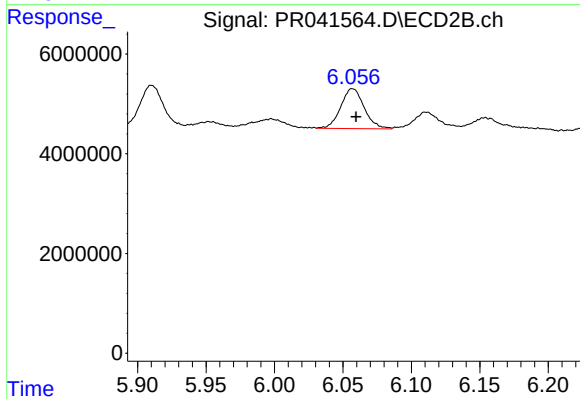
#26 AR-1254-1

R.T.: 5.910 min  
Delta R.T.: -0.003 min  
Response: 9992535  
Conc: 30.81 ng/ml



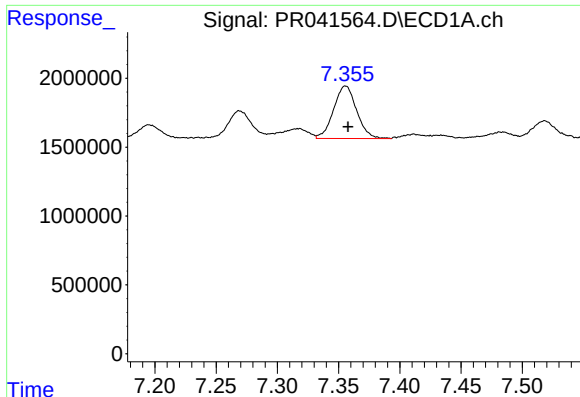
#27 AR-1254-2

R.T.: 6.986 min  
Delta R.T.: -0.003 min  
Response: 4307063  
Conc: 30.65 ng/ml



#27 AR-1254-2

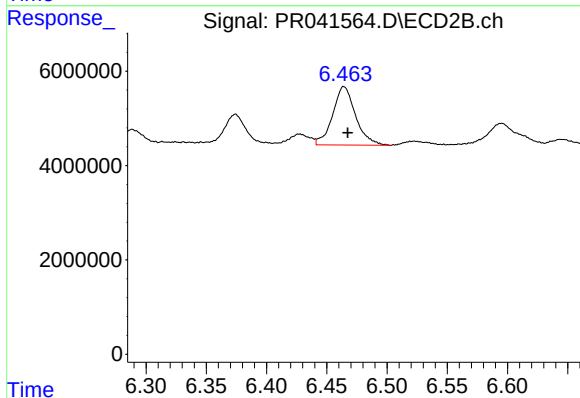
R.T.: 6.057 min  
Delta R.T.: -0.003 min  
Response: 9579453  
Conc: 31.36 ng/ml



#28 AR-1254-3

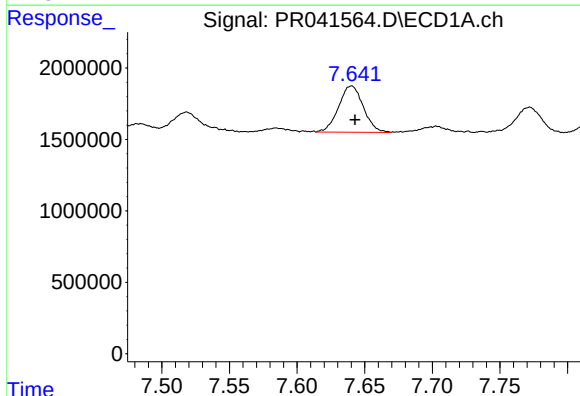
R.T.: 7.356 min  
Delta R.T.: -0.002 min  
Response: 4997235  
Conc: 29.49 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



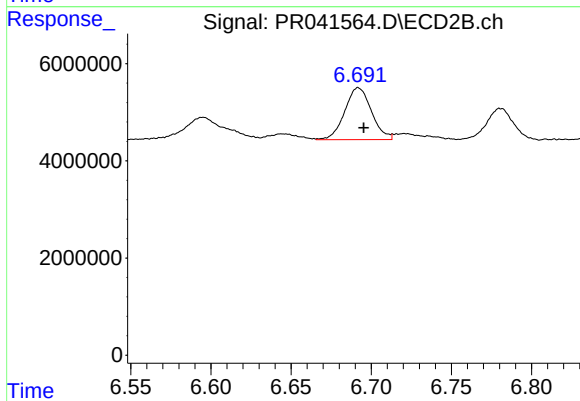
#28 AR-1254-3

R.T.: 6.464 min  
Delta R.T.: -0.003 min  
Response: 16441617  
Conc: 29.38 ng/ml



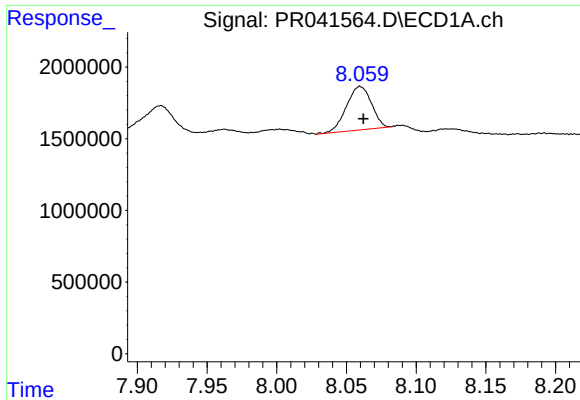
#29 AR-1254-4

R.T.: 7.640 min  
Delta R.T.: -0.003 min  
Response: 4113510  
Conc: 30.30 ng/ml



#29 AR-1254-4

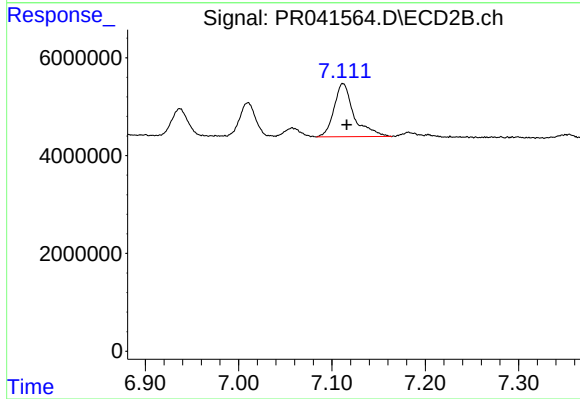
R.T.: 6.692 min  
Delta R.T.: -0.003 min  
Response: 12421800  
Conc: 29.11 ng/ml



#30 AR-1254-5

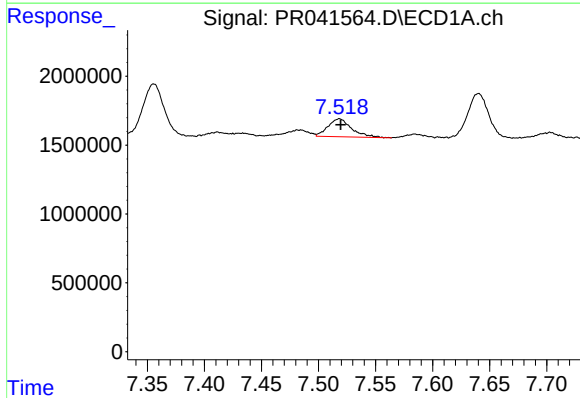
R.T.: 8.060 min  
Delta R.T.: -0.002 min  
Response: 3805233  
Conc: 24.75 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



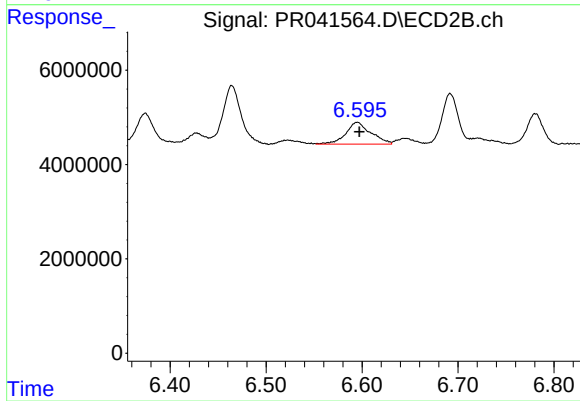
#30 AR-1254-5

R.T.: 7.112 min  
Delta R.T.: -0.004 min  
Response: 16102526  
Conc: 27.83 ng/ml



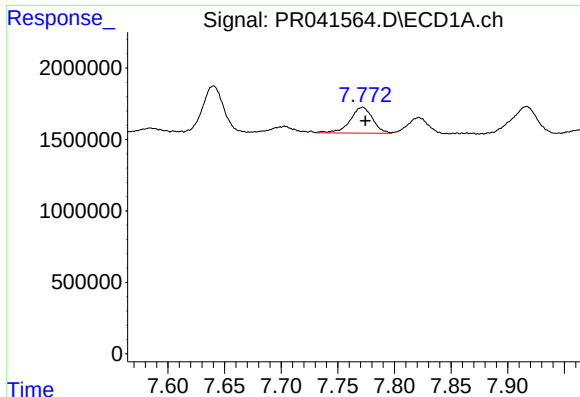
#31 AR-1260-1

R.T.: 7.518 min  
Delta R.T.: -0.001 min  
Response: 1878391  
Conc: 15.86 ng/ml



#31 AR-1260-1

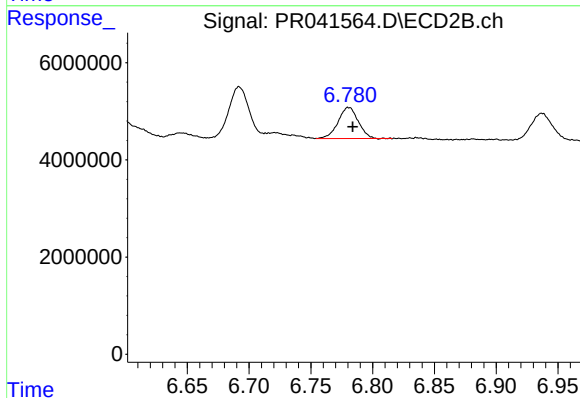
R.T.: 6.595 min  
Delta R.T.: -0.002 min  
Response: 8477476  
Conc: 21.77 ng/ml



#32 AR-1260-2

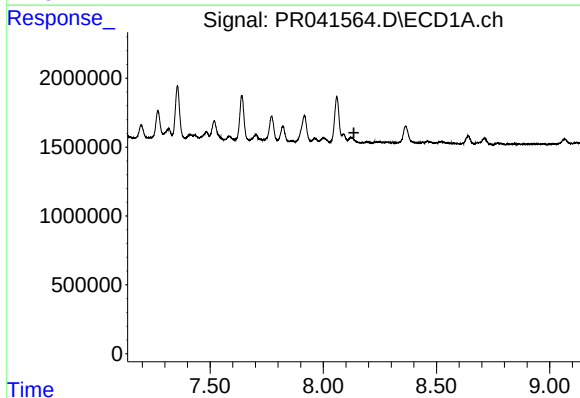
R.T.: 7.772 min  
Delta R.T.: -0.003 min  
Response: 2536849  
Conc: 17.19 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



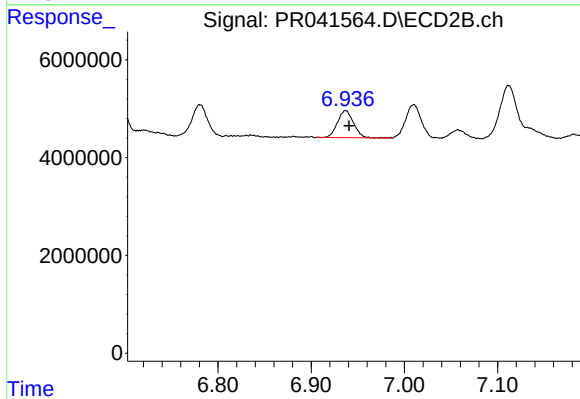
#32 AR-1260-2

R.T.: 6.781 min  
Delta R.T.: -0.003 min  
Response: 7192722  
Conc: 13.34 ng/ml



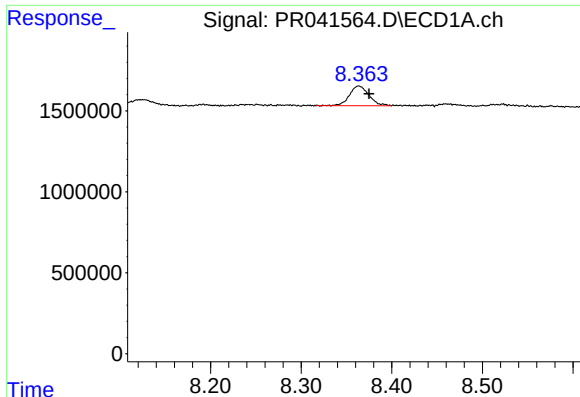
#33 AR-1260-3

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



#33 AR-1260-3

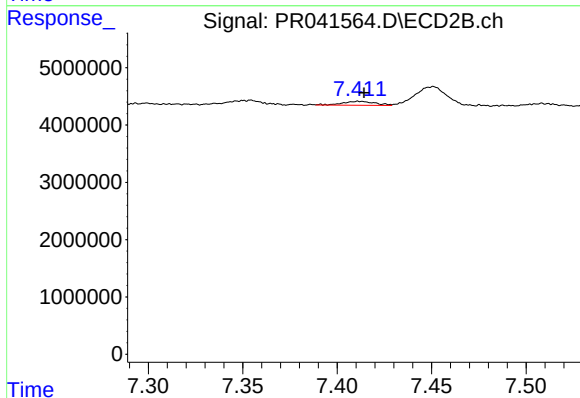
R.T.: 6.937 min  
Delta R.T.: -0.003 min  
Response: 6558783  
Conc: 14.04 ng/ml



#34 AR-1260-4

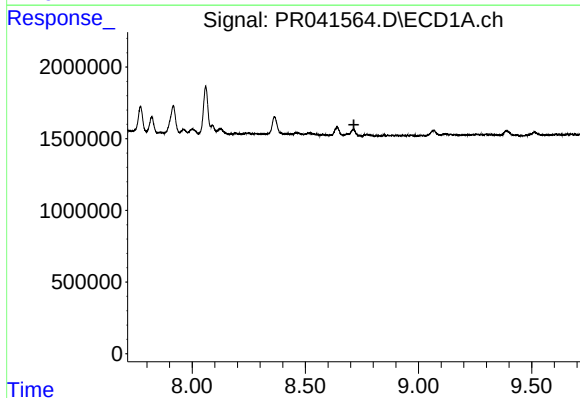
R.T.: 8.364 min  
Delta R.T.: -0.012 min  
Response: 1816601  
Conc: 12.72 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



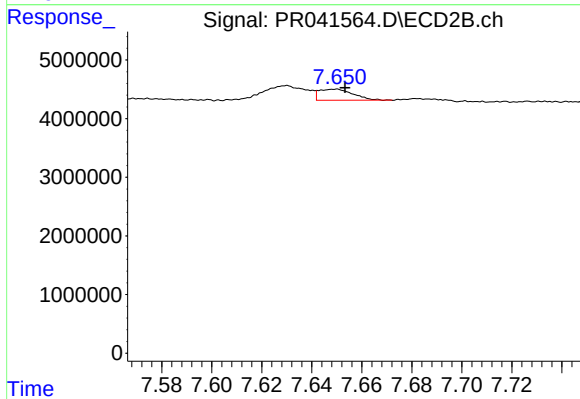
#34 AR-1260-4

R.T.: 7.412 min  
Delta R.T.: -0.002 min  
Response: 797726  
Conc: 1.88 ng/ml



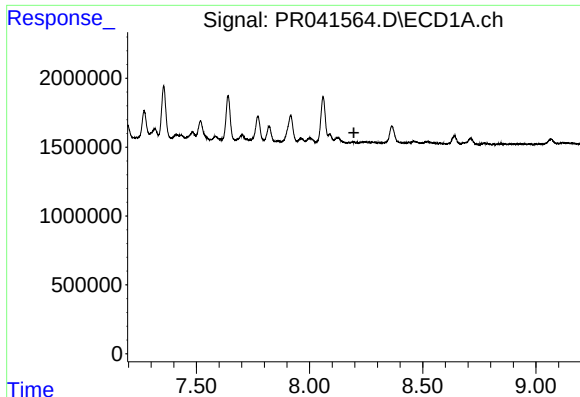
#35 AR-1260-5

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



#35 AR-1260-5

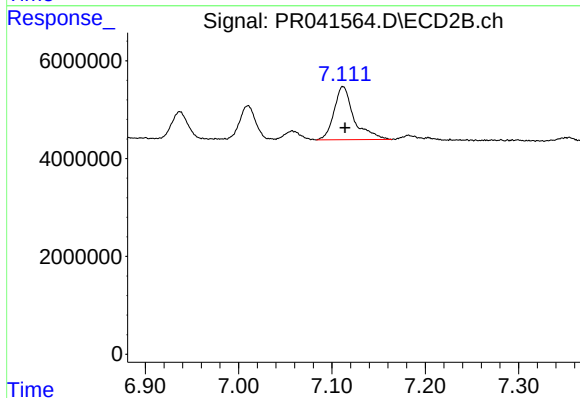
R.T.: 7.649 min  
Delta R.T.: -0.004 min  
Response: 1780629  
Conc: 1.46 ng/ml



#36 AR-1262-1

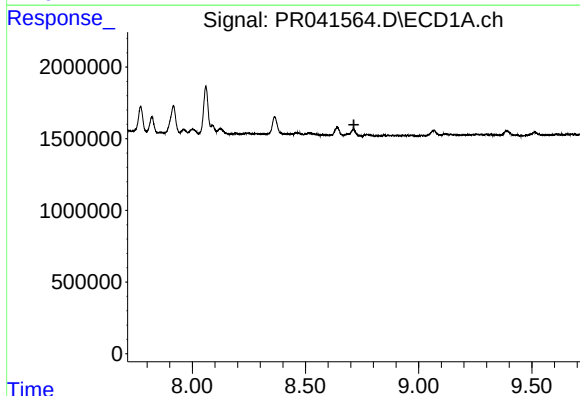
R.T.: 0.000 min  
Exp R.T. : 8.196 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



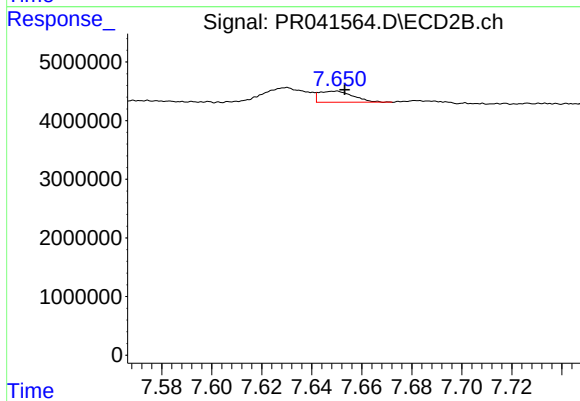
#36 AR-1262-1

R.T.: 7.112 min  
Delta R.T.: -0.002 min  
Response: 16102526  
Conc: 48.11 ng/ml



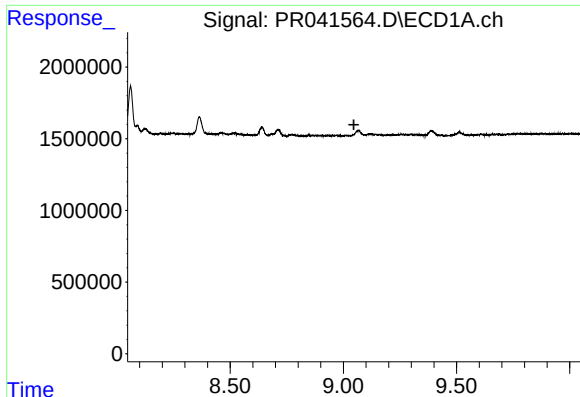
#37 AR-1262-2

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



#37 AR-1262-2

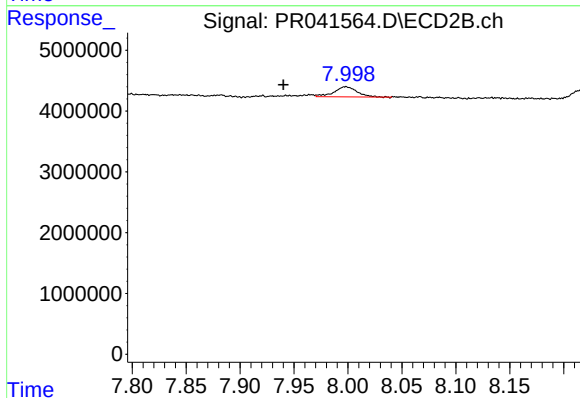
R.T.: 7.649 min  
Delta R.T.: -0.004 min  
Response: 1780629  
Conc: 1.29 ng/ml



#38 AR-1262-3

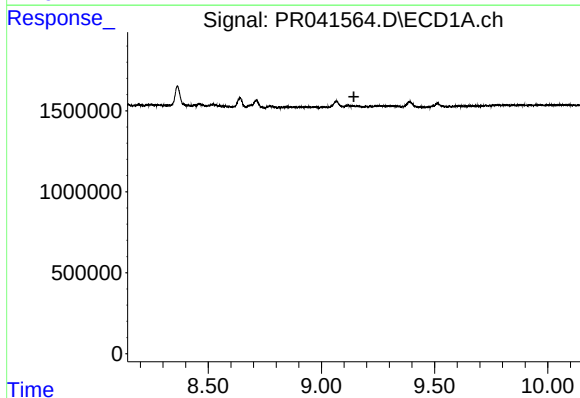
R.T.: 0.000 min  
Exp R.T.: 9.047 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



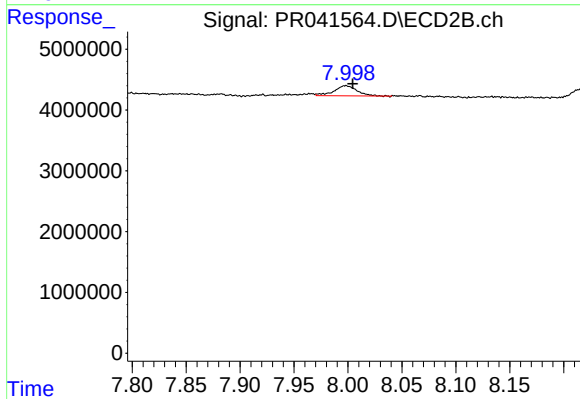
#38 AR-1262-3

R.T.: 7.998 min  
Delta R.T.: 0.058 min  
Response: 2474224  
Conc: 4.33 ng/ml



#39 AR-1262-4

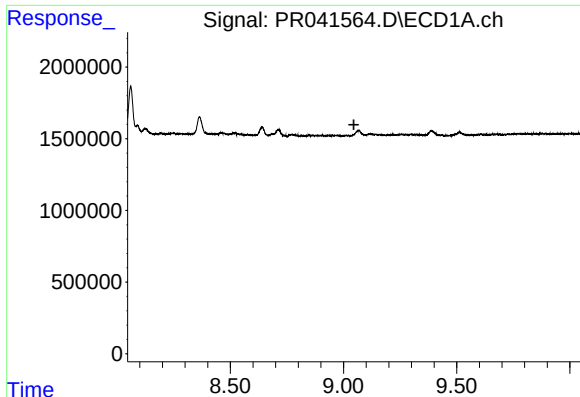
R.T.: 0.000 min  
Exp R.T.: 9.144 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

R.T.: 7.998 min  
Delta R.T.: -0.006 min  
Response: 2474224  
Conc: 2.44 ng/ml

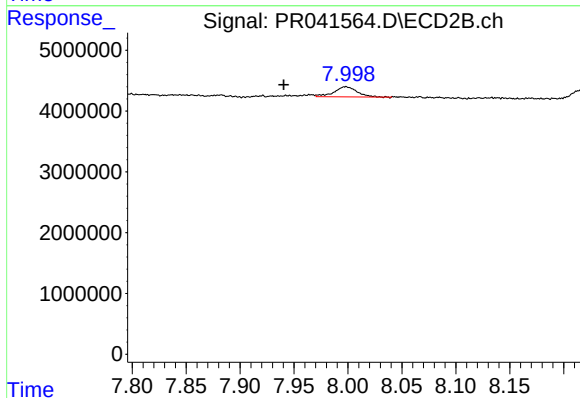




#41 AR-1268-1

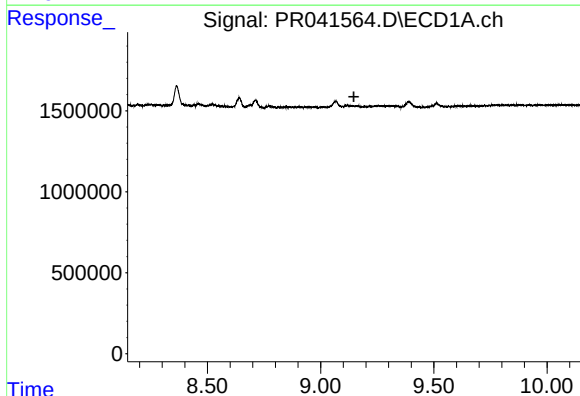
R.T.: 0.000 min  
Exp R.T. : 9.046 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



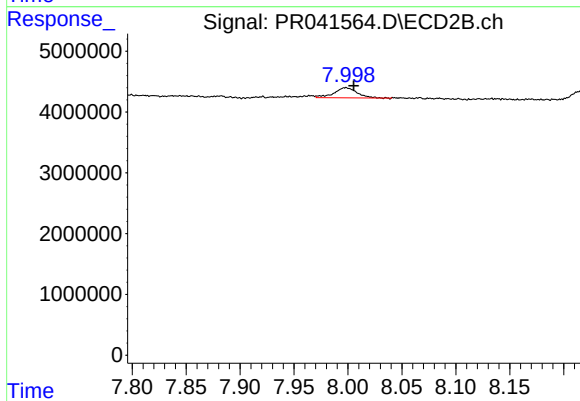
#41 AR-1268-1

R.T.: 7.998 min  
Delta R.T.: 0.058 min  
Response: 2474224  
Conc: 1.46 ng/ml



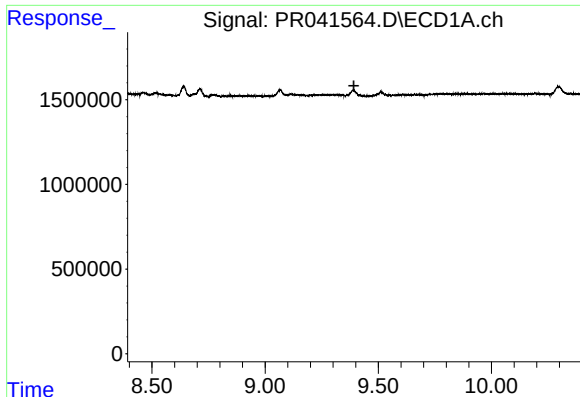
#42 AR-1268-2

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



#42 AR-1268-2

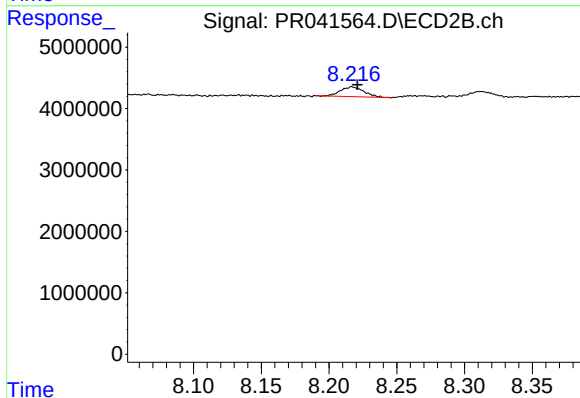
R.T.: 7.998 min  
Delta R.T.: -0.007 min  
Response: 2474224  
Conc: 1.58 ng/ml



#43 AR-1268-3

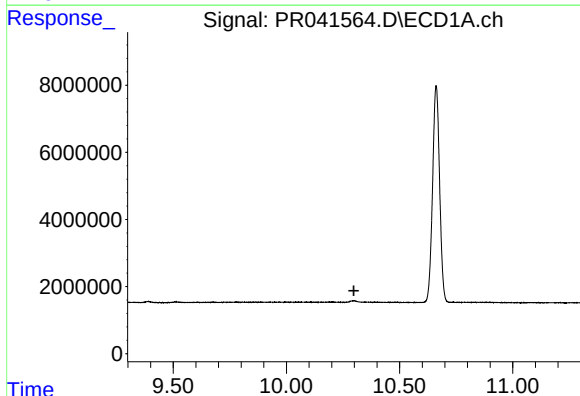
R.T.: 0.000 min  
Exp R.T. : 9.392 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
MDL-AR1254-W-1



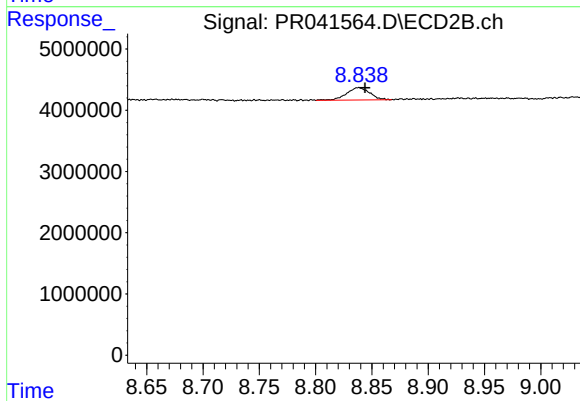
#43 AR-1268-3

R.T.: 8.217 min  
Delta R.T.: -0.004 min  
Response: 1923180  
Conc: 1.45 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: 2907312  
Conc: 0.66 ng/ml