

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR093019\  
 Data File : PR041669.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Sep 2019 20:58  
 Operator : SM\AJ  
 Sample : K5056-18  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 DBAF4

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 01 02:15:45 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... | 4.738  | 4.004  | 33009820 | 140.6E6  | 24.868  | 23.250    |
| 2)                          | SA Decachlor... | 10.660 | 9.119  | 127.2E6  | 381.4E6  | 39.851  | 35.350    |
|                             |                 |        |        |          |          |         |           |
| Target Compounds            |                 |        |        |          |          |         |           |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.567  | 0        | 11536249 | N.D.    | 82.981 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 4.165f | 0        | 3127625  | N.D.    | 54.568 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.309  | 0        | 1134856  | N.D.    | 32.541 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.567  | 0        | 11536249 | N.D.    | 215.655 # |
| 20)                         | L4 AR-1242-5    | 6.770f | 5.934  | 19347869 | 94127784 | 377.459 | 554.875 # |
| 24)                         | L5 AR-1248-4    | 6.770  | 5.567  | 19347869 | 11536249 | 226.707 | 68.731 #  |
| 25)                         | L5 AR-1248-5    | 6.770f | 5.934  | 19347869 | 94127784 | 237.442 | 432.311 # |
| 26)                         | L6 AR-1254-1    | 6.770  | 5.934  | 19347869 | 94127784 | 232.499 | 290.249   |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.022f | 0        | 75197029 | N.D.    | 246.141 # |
| 28)                         | L6 AR-1254-3    | 7.376  | 6.467  | 18373956 | 222.7E6  | 108.441 | 398.037 # |
| 29)                         | L6 AR-1254-4    | 7.609  | 6.690  | 10250253 | 12313127 | 75.512  | 28.853 #  |
| 30)                         | L6 AR-1254-5    | 8.058  | 7.110  | 2489747  | 3788818  | 16.191  | 6.549 #   |
| 31)                         | L7 AR-1260-1    | 7.521  | 6.594  | 6668690  | 22959075 | 56.315  | 58.947    |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.762  | 0        | 29301922 | N.D.    | 54.354 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.936  | 0        | 1317327  | N.D.    | 2.820 #   |
| 34)                         | L7 AR-1260-4    | 8.328f | 7.414  | 2747184  | 3961181  | 19.241  | 9.346 #   |
| 35)                         | L7 AR-1260-5    | 8.710  | 7.649  | 1326267  | 5270446  | 4.305   | 4.327     |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.110  | 0        | 3788818  | N.D.    | 11.320 #  |
| 37)                         | L8 AR-1262-2    | 8.710  | 7.649  | 1326267  | 5270446  | 3.498   | 3.817     |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.966  | 0        | 179.9E6  | N.D.    | 314.473 # |
| 39)                         | L8 AR-1262-4    | 9.205f | 7.966f | -9182290 | 179.9E6  | N.D.    | 177.483 # |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.517  | 0        | 1260348  | N.D.    | 2.251 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.966  | 0        | 179.9E6  | N.D.    | 106.283 # |
| 42)                         | L9 AR-1268-2    | 9.205f | 7.966f | -9182290 | 179.9E6  | N.D.    | 114.969 # |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.278f | 0        | 524253   | N.D.    | 0.396 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.517  | 0        | 1260348  | N.D.    | 2.100 #   |
| 45)                         | L9 AR-1268-5    | 10.295 | 8.836  | 936812   | 2331934  | 0.662   | 0.529     |
| -----                       |                 |        |        |          |          |         |           |

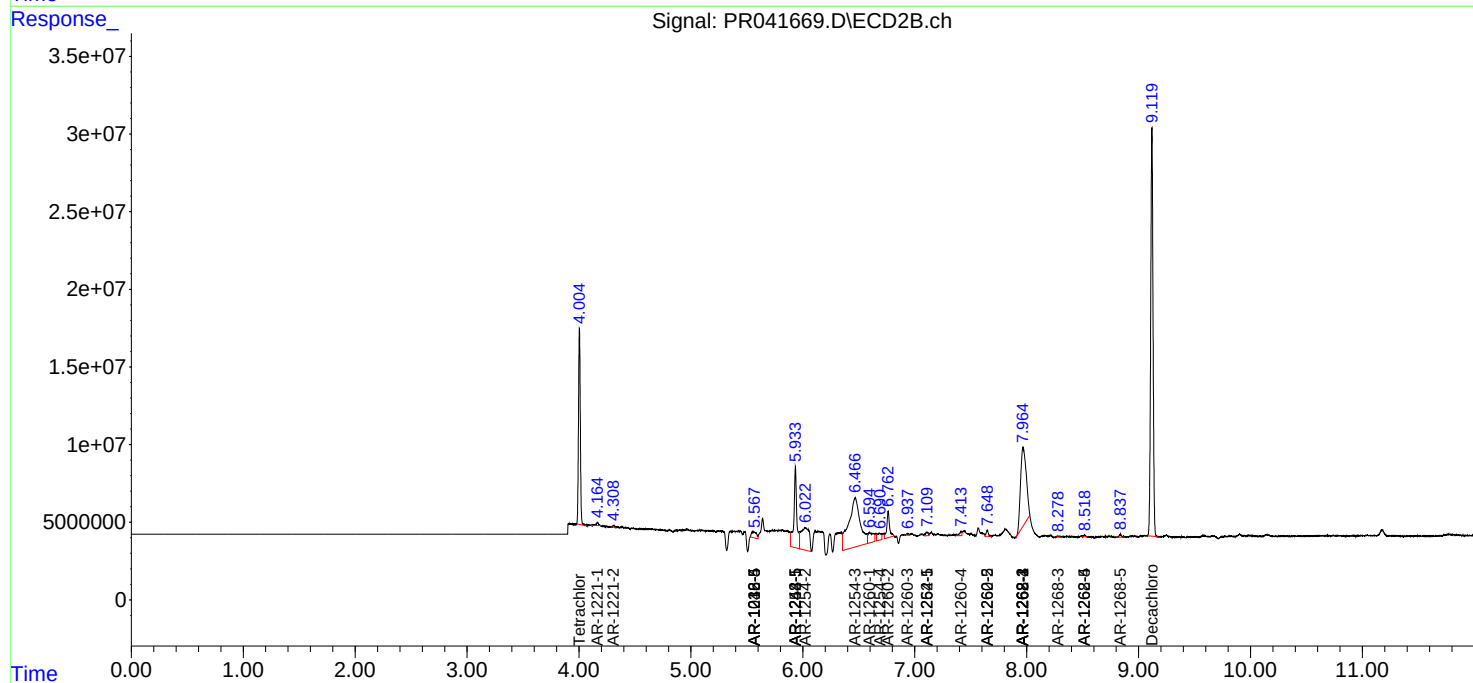
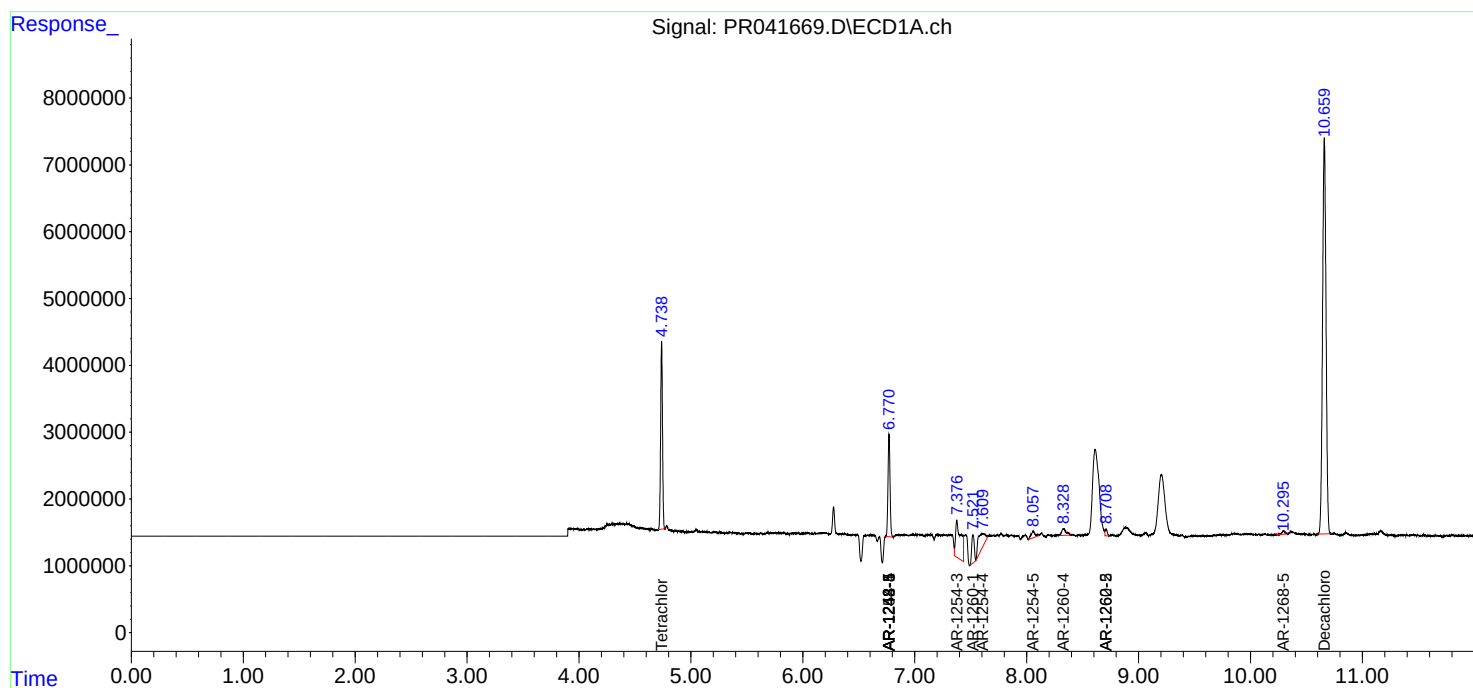
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

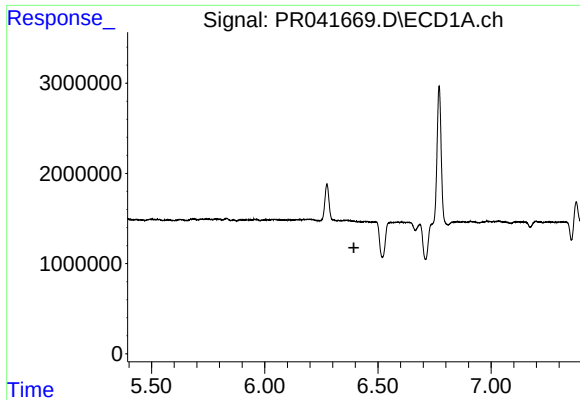
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR093019\  
Data File : PR041669.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Sep 2019 20:58  
Operator : SM\AJ  
Sample : K5056-18  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 01 02:15:45 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

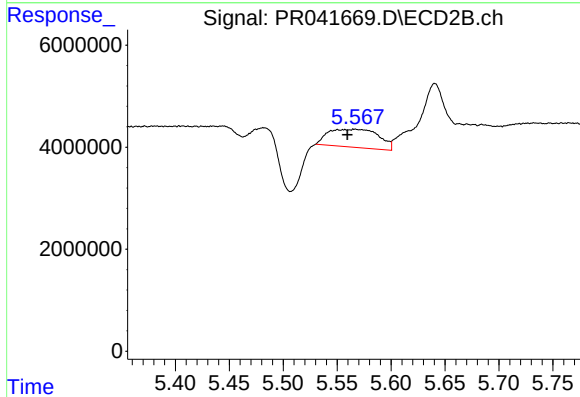




#7 AR-1016-5

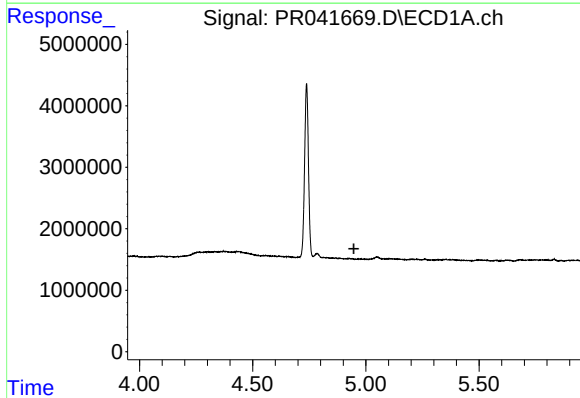
R.T.: 0.000 min  
Exp R.T.: 6.394 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



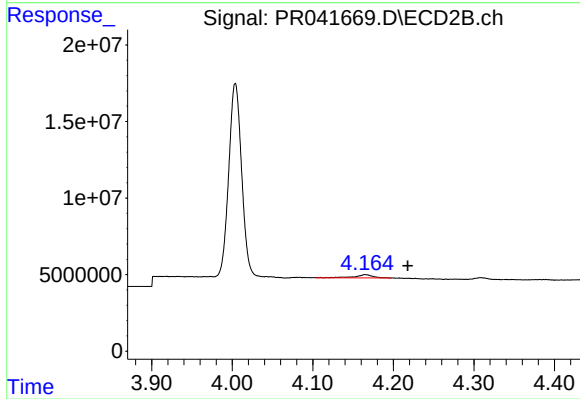
#7 AR-1016-5

R.T.: 5.567 min  
Delta R.T.: 0.007 min  
Response: 11536249  
Conc: 82.98 ng/ml



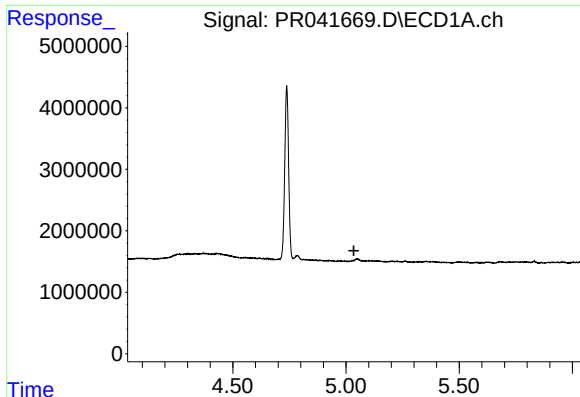
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 4.947 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

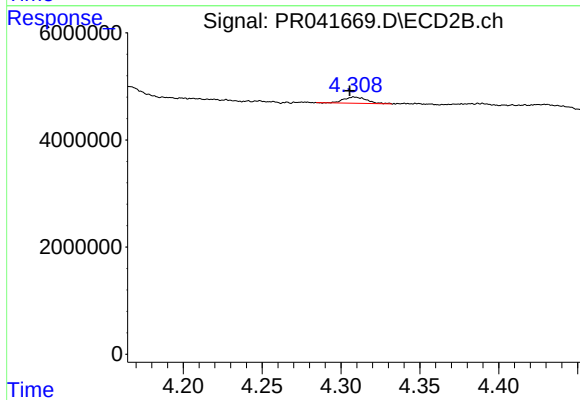
R.T.: 4.165 min  
Delta R.T.: -0.053 min  
Response: 3127625  
Conc: 54.57 ng/ml



#9 AR-1221-2

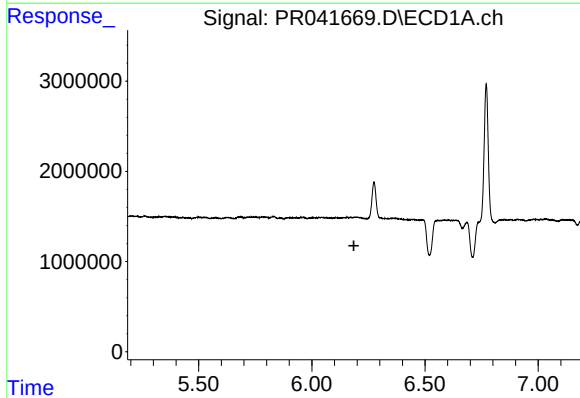
R.T.: 0.000 min  
Exp R.T.: 5.035 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



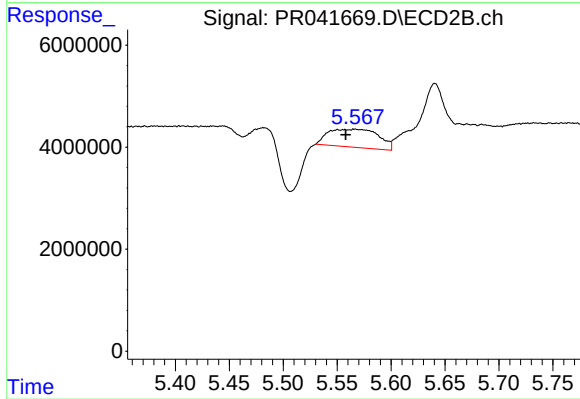
#9 AR-1221-2

R.T.: 4.309 min  
Delta R.T.: 0.003 min  
Response: 1134856  
Conc: 32.54 ng/ml



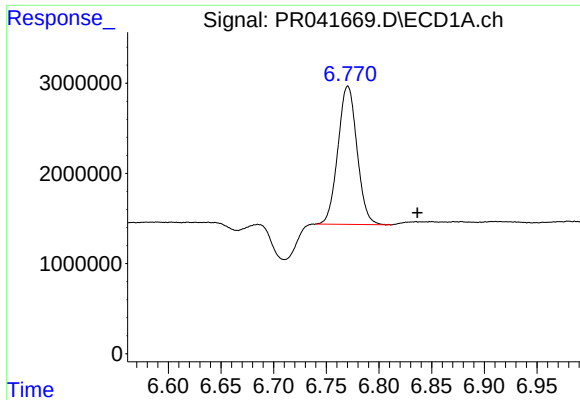
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 6.186 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

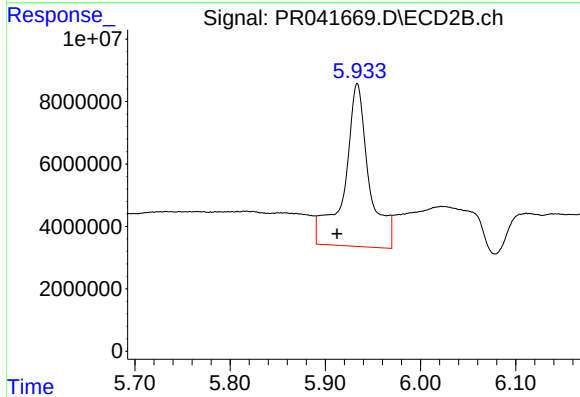
R.T.: 5.567 min  
Delta R.T.: 0.009 min  
Response: 11536249  
Conc: 215.65 ng/ml



#20 AR-1242-5

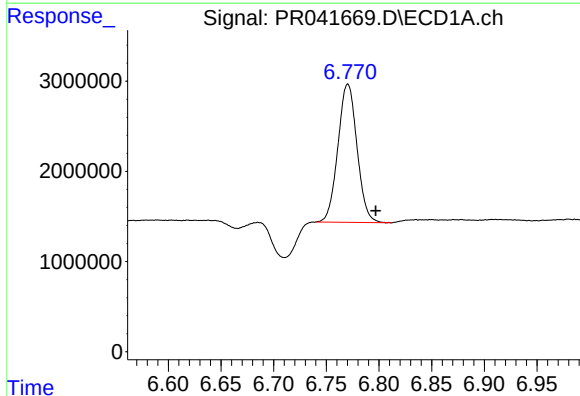
R.T.: 6.770 min  
Delta R.T.: -0.066 min  
Response: 19347869  
Conc: 377.46 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



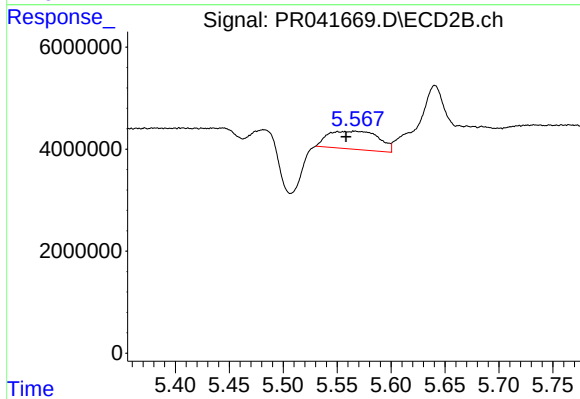
#20 AR-1242-5

R.T.: 5.934 min  
Delta R.T.: 0.022 min  
Response: 94127784  
Conc: 554.87 ng/ml



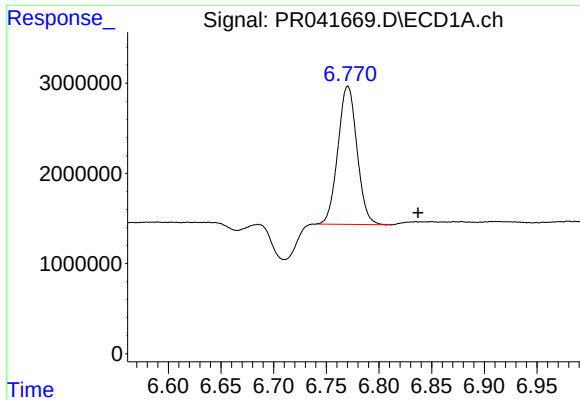
#24 AR-1248-4

R.T.: 6.770 min  
Delta R.T.: -0.026 min  
Response: 19347869  
Conc: 226.71 ng/ml



#24 AR-1248-4

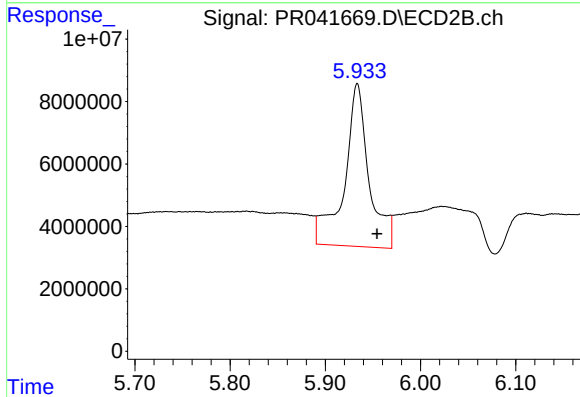
R.T.: 5.567 min  
Delta R.T.: 0.008 min  
Response: 11536249  
Conc: 68.73 ng/ml



#25 AR-1248-5

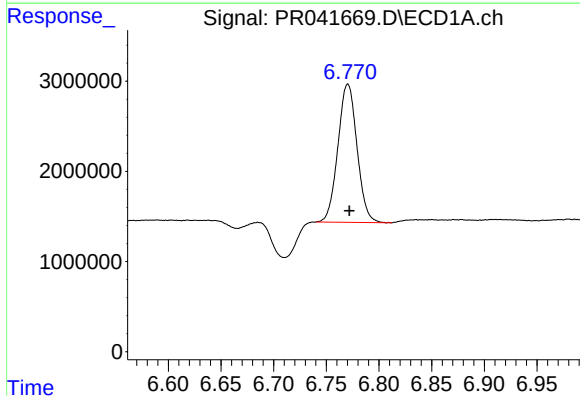
R.T.: 6.770 min  
Delta R.T.: -0.067 min  
Response: 19347869  
Conc: 237.44 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



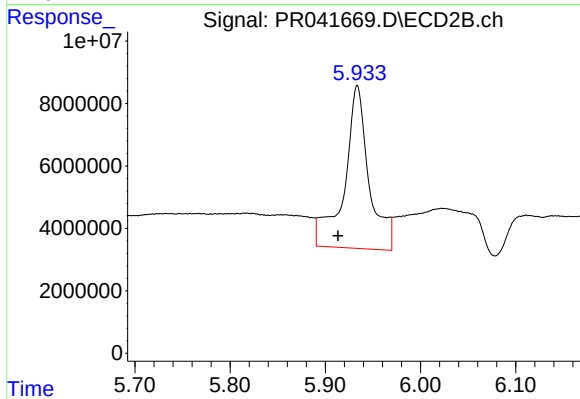
#25 AR-1248-5

R.T.: 5.934 min  
Delta R.T.: -0.021 min  
Response: 94127784  
Conc: 432.31 ng/ml



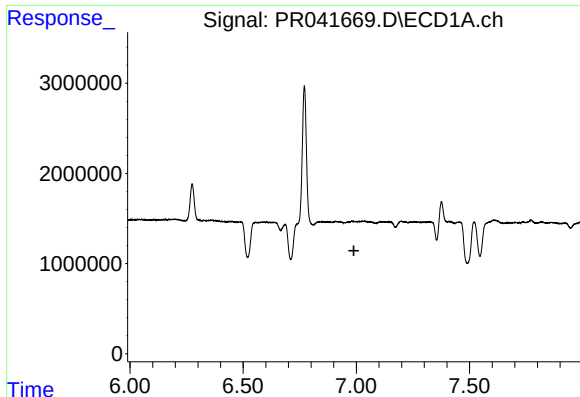
#26 AR-1254-1

R.T.: 6.770 min  
Delta R.T.: -0.001 min  
Response: 19347869  
Conc: 232.50 ng/ml



#26 AR-1254-1

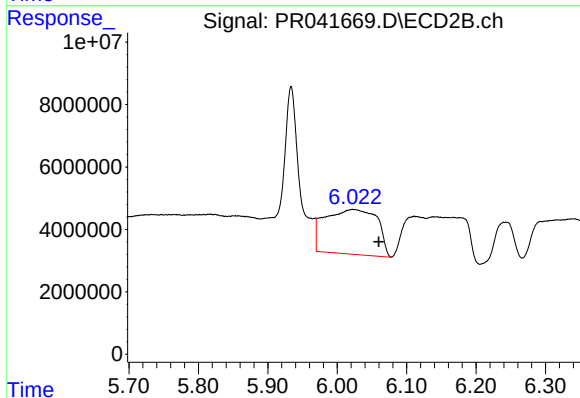
R.T.: 5.934 min  
Delta R.T.: 0.020 min  
Response: 94127784  
Conc: 290.25 ng/ml



#27 AR-1254-2

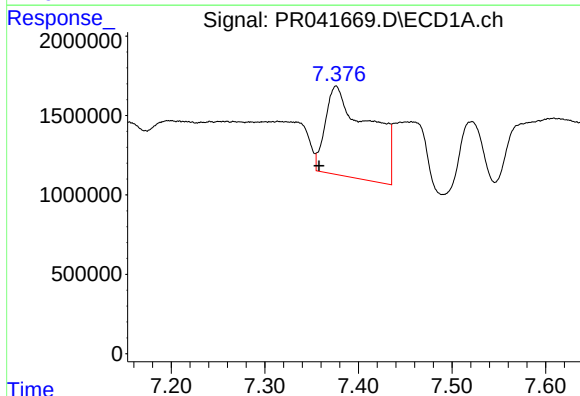
R.T.: 0.000 min  
Exp R.T.: 6.989 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



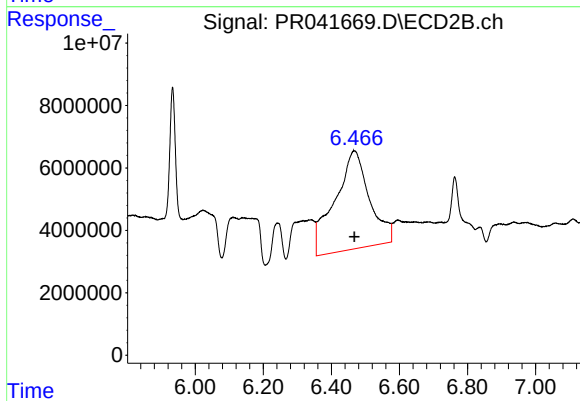
#27 AR-1254-2

R.T.: 6.022 min  
Delta R.T.: -0.037 min  
Response: 75197029  
Conc: 246.14 ng/ml



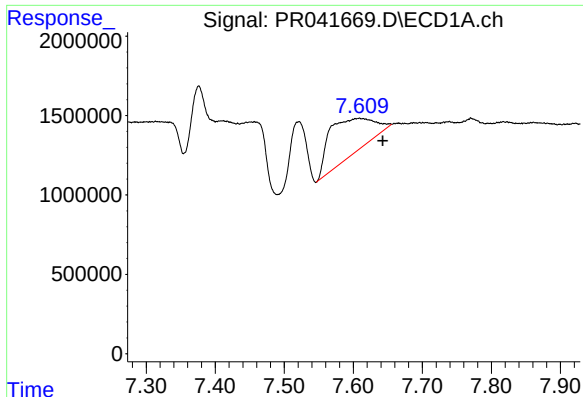
#28 AR-1254-3

R.T.: 7.376 min  
Delta R.T.: 0.018 min  
Response: 18373956  
Conc: 108.44 ng/ml



#28 AR-1254-3

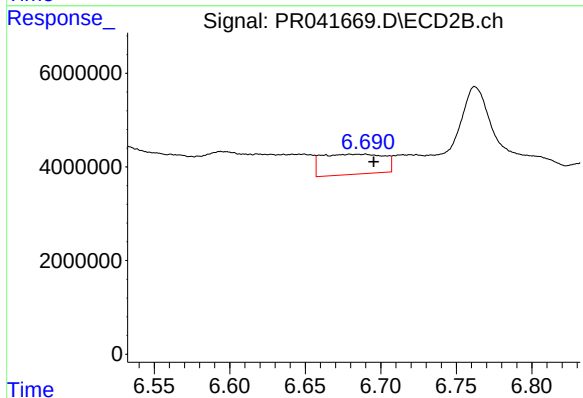
R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 222726424  
Conc: 398.04 ng/ml



#29 AR-1254-4

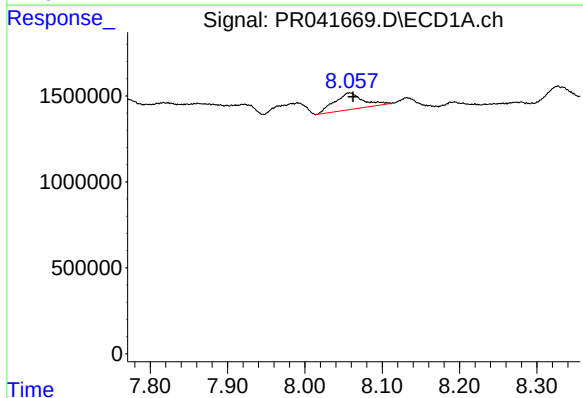
R.T.: 7.609 min  
Delta R.T.: -0.034 min  
Response: 10250253  
Conc: 75.51 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



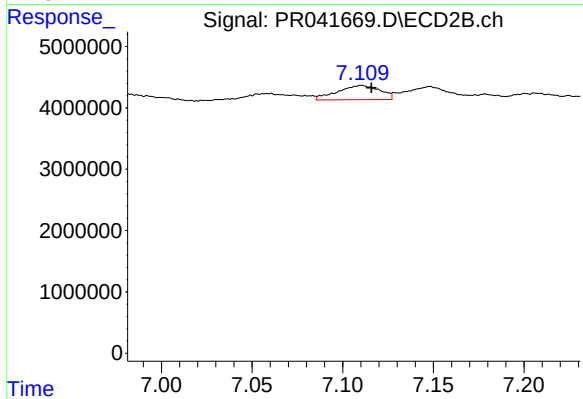
#29 AR-1254-4

R.T.: 6.690 min  
Delta R.T.: -0.005 min  
Response: 12313127  
Conc: 28.85 ng/ml



#30 AR-1254-5

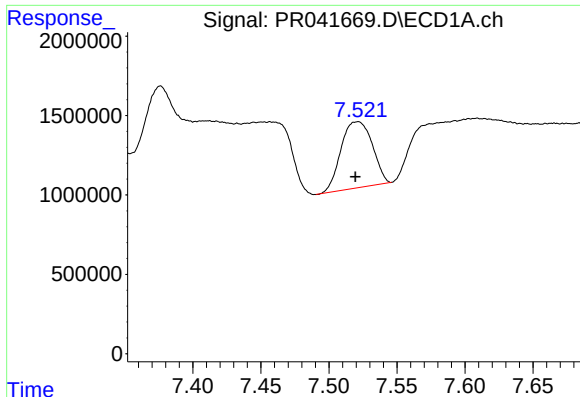
R.T.: 8.058 min  
Delta R.T.: -0.004 min  
Response: 2489747  
Conc: 16.19 ng/ml



#30 AR-1254-5

R.T.: 7.110 min  
Delta R.T.: -0.005 min  
Response: 3788818  
Conc: 6.55 ng/ml

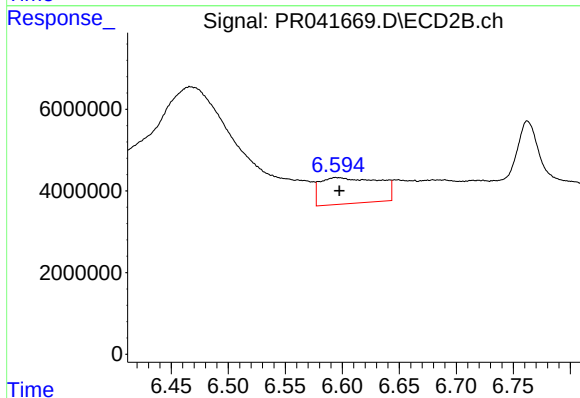




#31 AR-1260-1

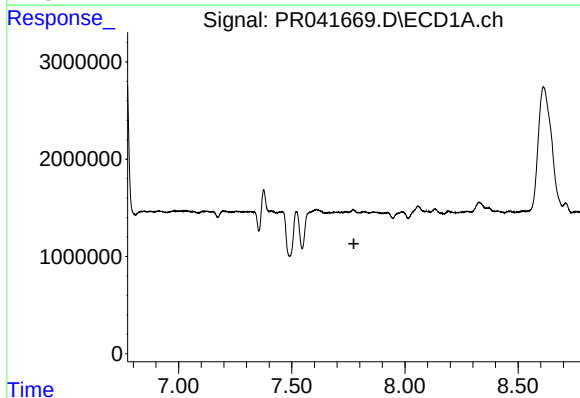
R.T.: 7.521 min  
Delta R.T.: 0.001 min  
Response: 6668690  
Conc: 56.31 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



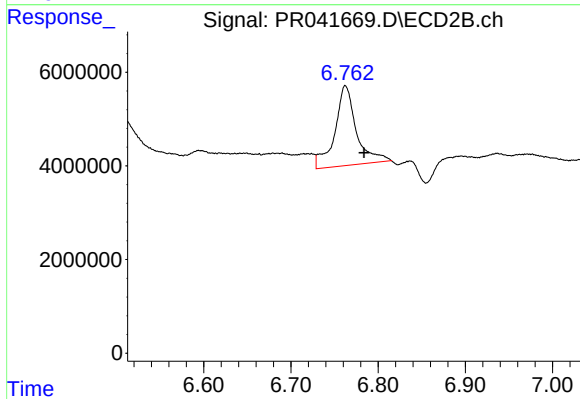
#31 AR-1260-1

R.T.: 6.594 min  
Delta R.T.: -0.003 min  
Response: 22959075  
Conc: 58.95 ng/ml



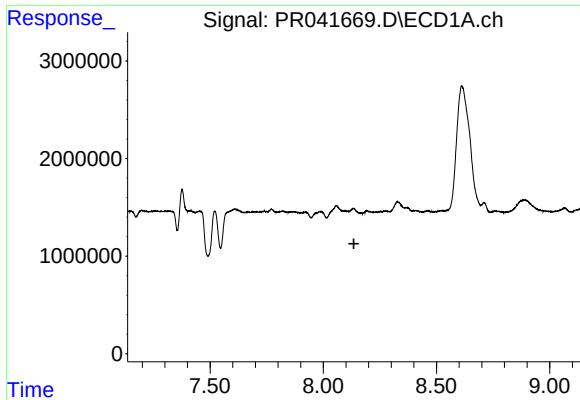
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 7.774 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

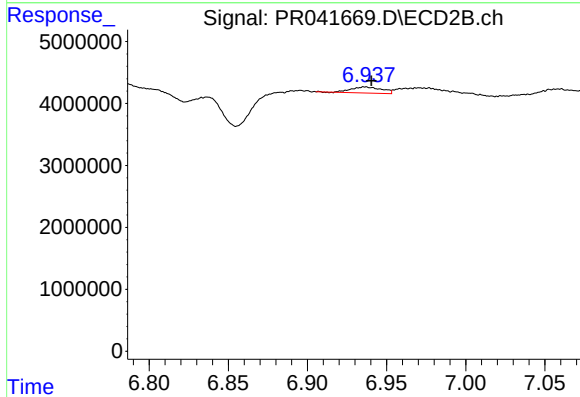
R.T.: 6.762 min  
Delta R.T.: -0.021 min  
Response: 29301922  
Conc: 54.35 ng/ml



#33 AR-1260-3

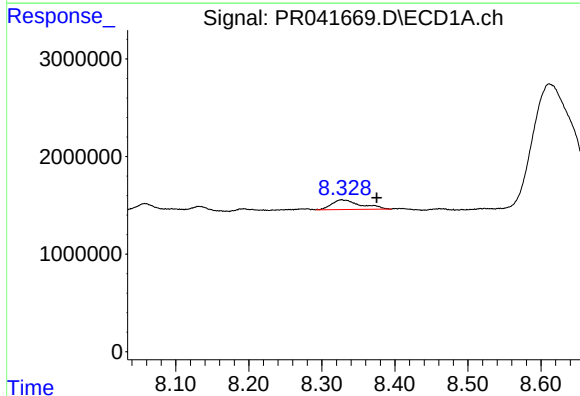
R.T.: 0.000 min  
Exp R.T.: 8.135 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



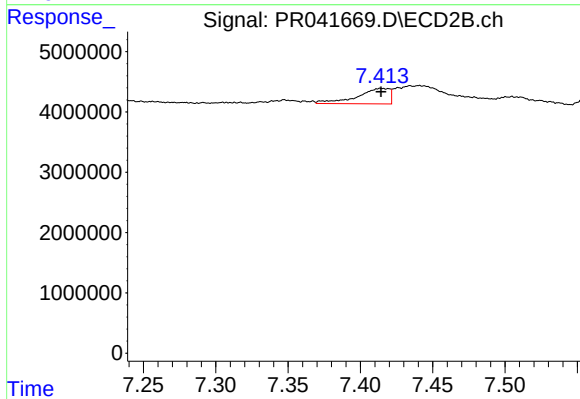
#33 AR-1260-3

R.T.: 6.936 min  
Delta R.T.: -0.004 min  
Response: 1317327  
Conc: 2.82 ng/ml



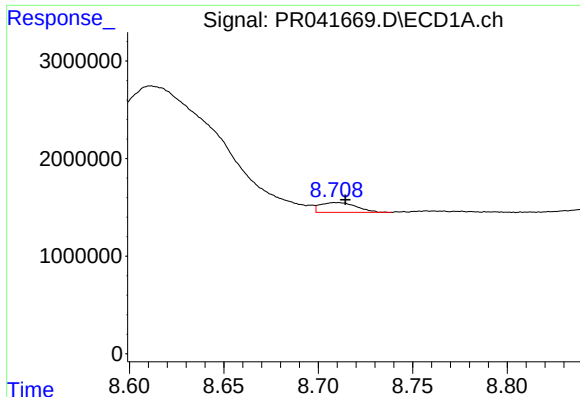
#34 AR-1260-4

R.T.: 8.328 min  
Delta R.T.: -0.048 min  
Response: 2747184  
Conc: 19.24 ng/ml



#34 AR-1260-4

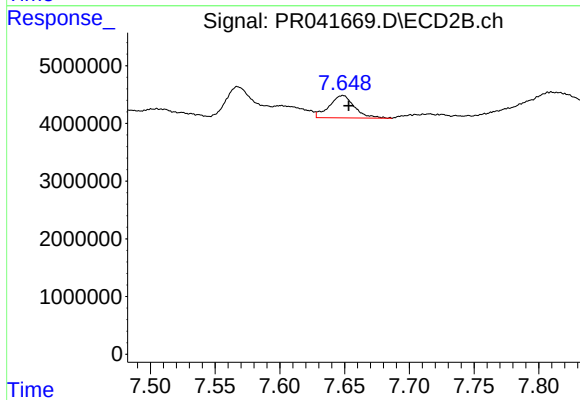
R.T.: 7.414 min  
Delta R.T.: 0.000 min  
Response: 3961181  
Conc: 9.35 ng/ml



#35 AR-1260-5

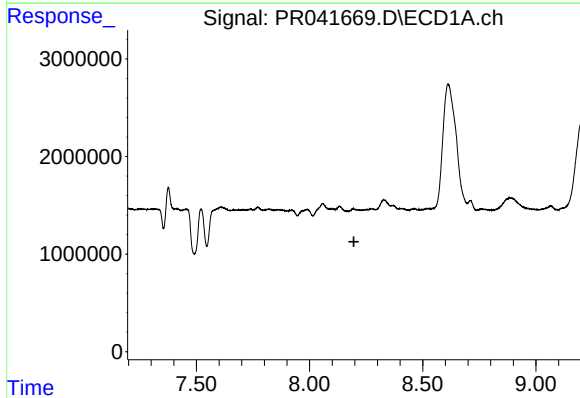
R.T.: 8.710 min  
Delta R.T.: -0.005 min  
Response: 1326267  
Conc: 4.30 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



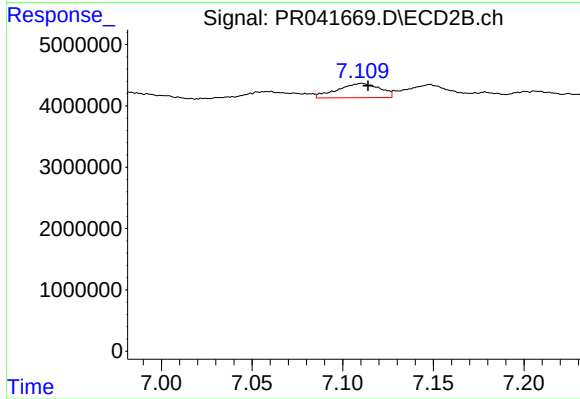
#35 AR-1260-5

R.T.: 7.649 min  
Delta R.T.: -0.005 min  
Response: 5270446  
Conc: 4.33 ng/ml



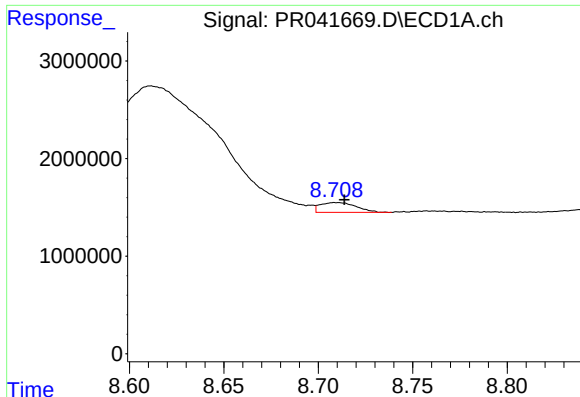
#36 AR-1262-1

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



#36 AR-1262-1

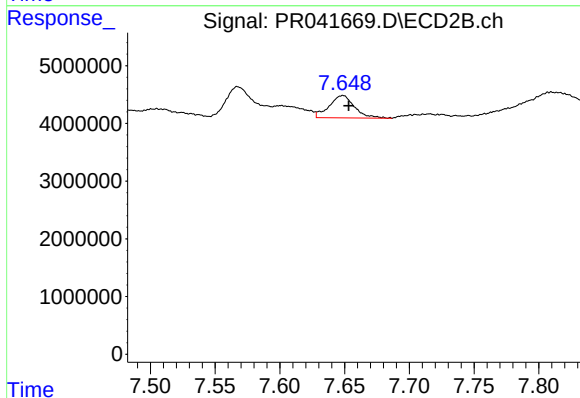
R.T.: 7.110 min  
Delta R.T.: -0.004 min  
Response: 3788818  
Conc: 11.32 ng/ml



#37 AR-1262-2

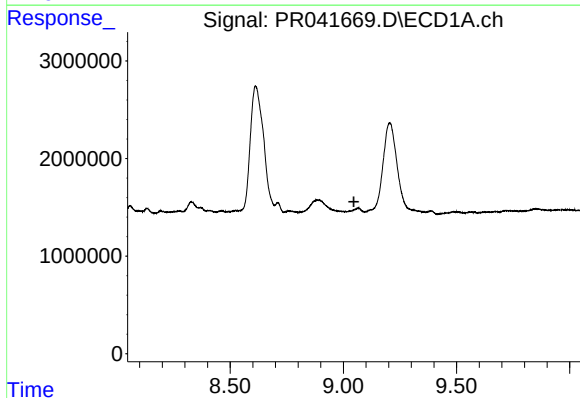
R.T.: 8.710 min  
Delta R.T.: -0.004 min  
Response: 1326267  
Conc: 3.50 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



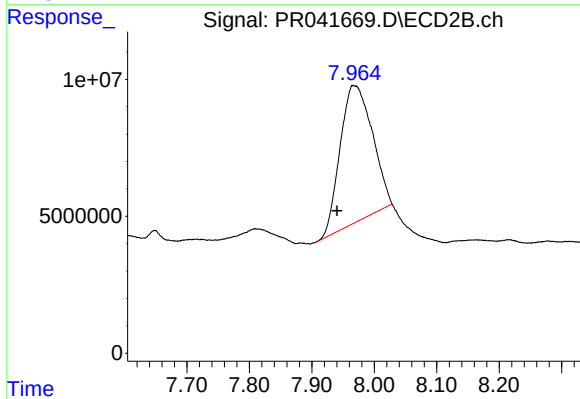
#37 AR-1262-2

R.T.: 7.649 min  
Delta R.T.: -0.005 min  
Response: 5270446  
Conc: 3.82 ng/ml



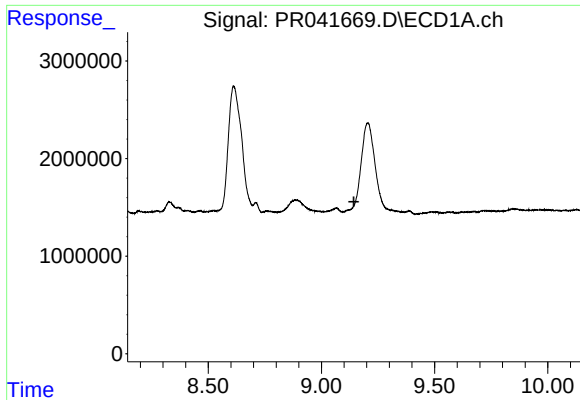
#38 AR-1262-3

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



#38 AR-1262-3

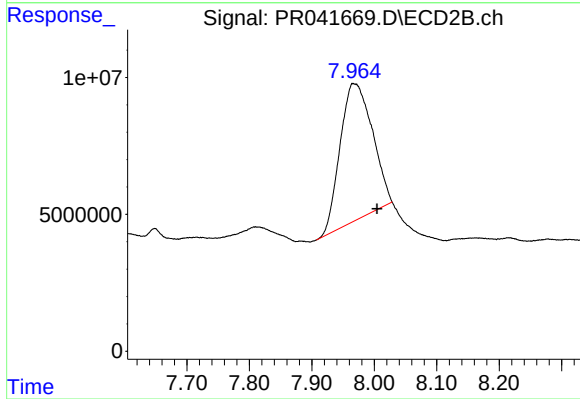
R.T.: 7.966 min  
Delta R.T.: 0.026 min  
Response: 179859888  
Conc: 314.47 ng/ml



#39 AR-1262-4

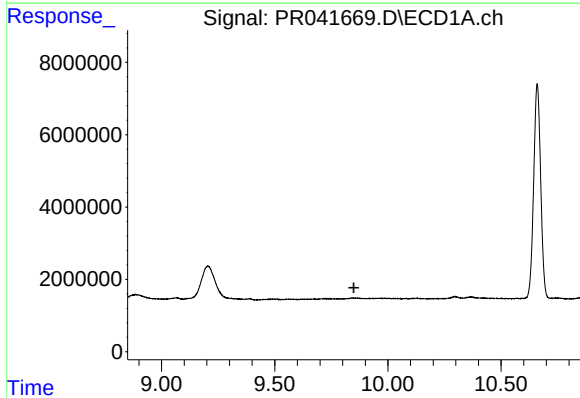
R.T.: 9.205 min  
Delta R.T.: 0.061 min  
Response: -9182290  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



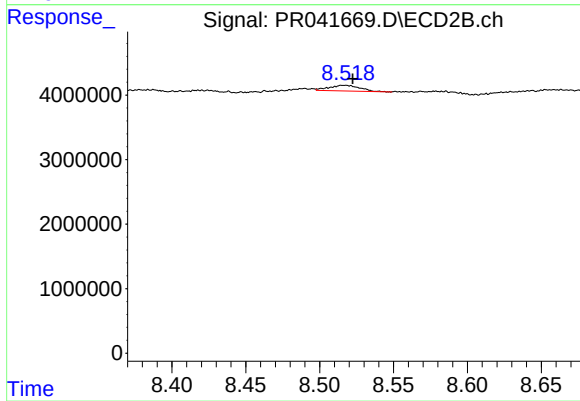
#39 AR-1262-4

R.T.: 7.966 min  
Delta R.T.: -0.038 min  
Response: 179859888  
Conc: 177.48 ng/ml



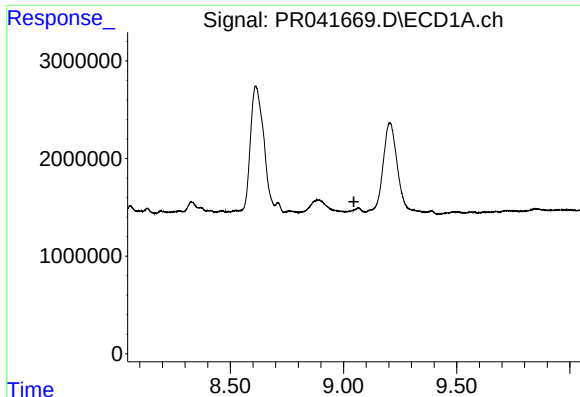
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 9.850 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

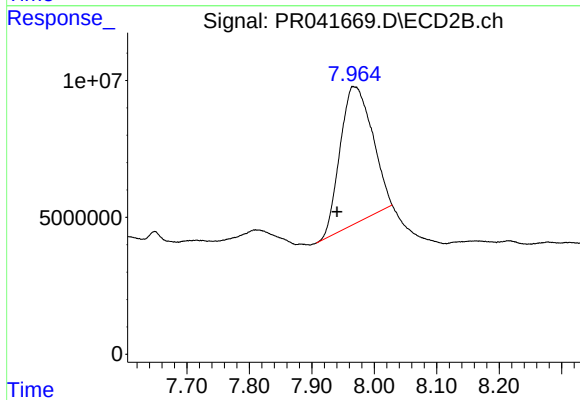
R.T.: 8.517 min  
Delta R.T.: -0.006 min  
Response: 1260348  
Conc: 2.25 ng/ml



#41 AR-1268-1

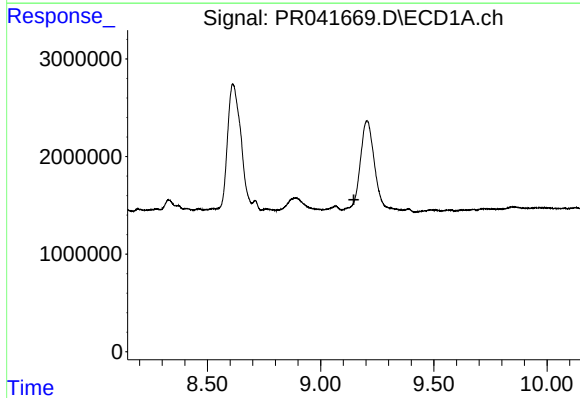
R.T.: 0.000 min  
Exp R.T.: 9.046 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



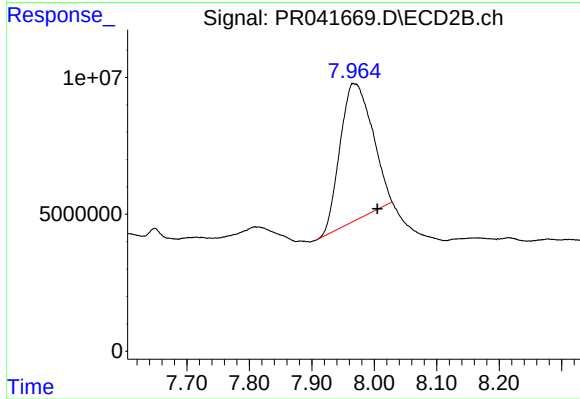
#41 AR-1268-1

R.T.: 7.966 min  
Delta R.T.: 0.026 min  
Response: 179859888  
Conc: 106.28 ng/ml



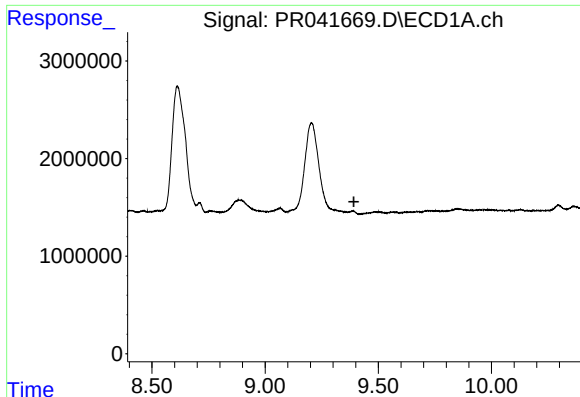
#42 AR-1268-2

R.T.: 9.205 min  
Delta R.T.: 0.058 min  
Response: -9182290  
Conc: N.D.



#42 AR-1268-2

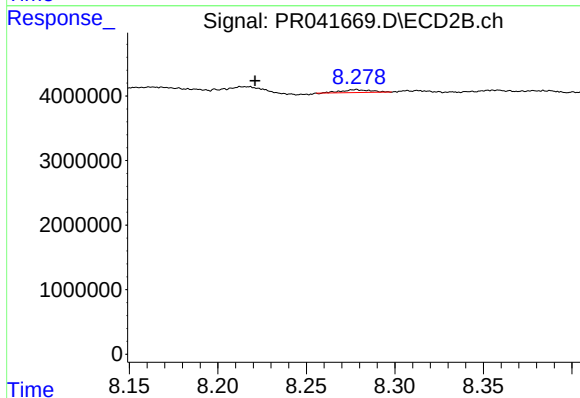
R.T.: 7.966 min  
Delta R.T.: -0.039 min  
Response: 179859888  
Conc: 114.97 ng/ml



#43 AR-1268-3

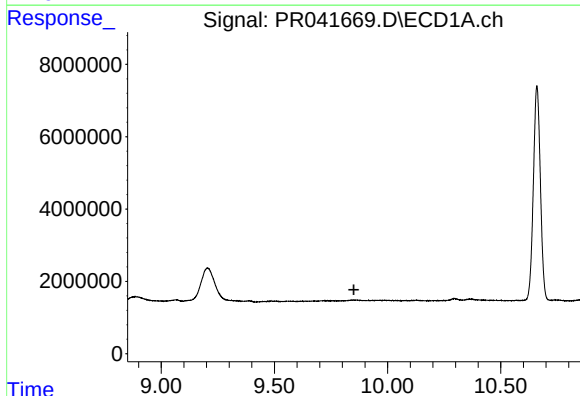
R.T.: 0.000 min  
Exp R.T.: 9.392 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



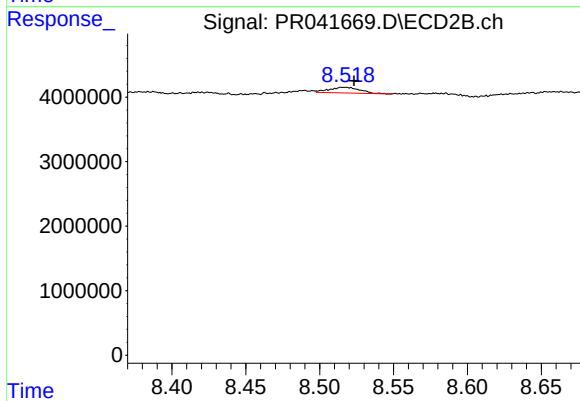
#43 AR-1268-3

R.T.: 8.278 min  
Delta R.T.: 0.057 min  
Response: 524253  
Conc: 0.40 ng/ml



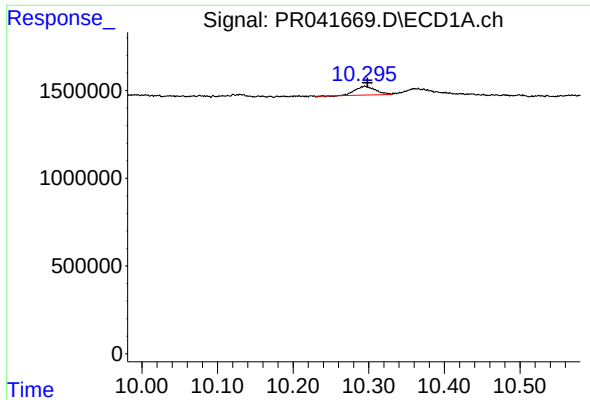
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.851 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

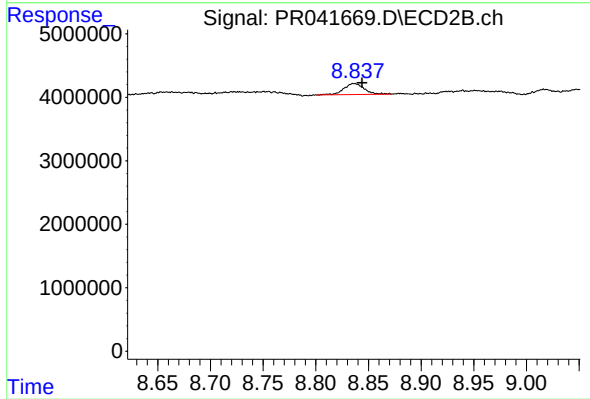
R.T.: 8.517 min  
Delta R.T.: -0.007 min  
Response: 1260348  
Conc: 2.10 ng/ml



#45 AR-1268-5

R.T.: 10.295 min  
Delta R.T.: -0.003 min  
Response: 936812  
Conc: 0.66 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
DBAF4



#45 AR-1268-5

R.T.: 8.836 min  
Delta R.T.: -0.008 min  
Response: 2331934  
Conc: 0.53 ng/ml