

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR122723\  
 Data File : PR064845.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2023 21:58  
 Operator : AJ\MA  
 Sample : 05986-12  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 28 05:13:05 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR121423CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 15 04:19:57 2023  
 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... | 3.702  | 3.006  | 122.5E6  | 113.3E6  | 20.274 | 20.984   |
| 2)                          | SA Decachlor... | 9.719  | 8.380  | 65654804 | 73127073 | 29.795 | 27.928   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 4.969  | 4.175  | 9881312  | 734903   | 54.584 | 3.960 #  |
| 4)                          | L1 AR-1016-2    | 4.969  | 4.175  | 9881312  | 734903   | 37.246 | 2.895 #  |
| 5)                          | L1 AR-1016-3    | 5.008  | 0.000  | 1322823  | 0        | 7.847  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.132  | 4.473f | 3088616  | 588533   | 22.683 | 5.529 #  |
| 8)                          | L2 AR-1221-1    | 3.912  | 3.251  | 1316098  | 92030    | 19.211 | 1.520 #  |
| 9)                          | L2 AR-1221-2    | 4.018  | 3.317  | 1682767  | 1334127  | 36.125 | 31.613   |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.397  | 0        | 174098   | N.D.   | 1.215 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.397  | 0        | 174098   | N.D.   | 1.581 #  |
| 12)                         | L3 AR-1232-2    | 4.635  | 4.175  | 1736121  | 734903   | 26.041 | 6.867 #  |
| 13)                         | L3 AR-1232-3    | 4.969  | 0.000  | 9881312  | 0        | 86.235 | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.132  | 4.473  | 3088616  | 588533   | 52.798 | 11.863 # |
| 15)                         | L3 AR-1232-5    | 5.247  | 4.669f | 343403   | -297091  | 8.077  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 4.969  | 4.175  | 9881312  | 734903   | 68.298 | 5.011 #  |
| 17)                         | L4 AR-1242-2    | 4.969  | 4.175  | 9881312  | 734903   | 47.333 | 3.691 #  |
| 18)                         | L4 AR-1242-3    | 5.008  | 0.000  | 1322823  | 0        | 9.779  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.132  | 4.473  | 3088616  | 588533   | 28.618 | 5.660 #  |
| 20)                         | L4 AR-1242-5    | 5.926  | 5.034  | 394554   | 836462   | 3.447  | 6.220 #  |
| 21)                         | L5 AR-1248-1    | 4.969  | 4.175  | 9881312  | 734903   | 90.275 | 6.618 #  |
| 22)                         | L5 AR-1248-2    | 5.247  | 4.473f | 343403   | 588533   | 2.199  | 3.917 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.473  | 0        | 588533   | N.D.   | 3.746 #  |
| 24)                         | L5 AR-1248-4    | 5.866  | 4.669f | 1395985  | -297091  | 7.137  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 5.926  | 5.070  | 394554   | 590422   | 2.018  | 3.057 #  |
| 26)                         | L6 AR-1254-1    | 5.866  | 5.034  | 1395985  | 836462   | 6.942  | 2.910 #  |
| 27)                         | L6 AR-1254-2    | 6.062f | 5.182  | 333680   | 453481   | 1.097  | 1.821 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 5.578  | 0        | 1930286  | N.D.   | 4.851 #  |
| 29)                         | L6 AR-1254-4    | 6.791  | 5.847  | 593700   | 461276   | 2.700  | 1.847 #  |
| 30)                         | L6 AR-1254-5    | 7.300  | 6.309  | 1121387  | 490163   | 4.722  | 1.375 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 5.740  | 0        | 1163875  | N.D.   | 4.028 #  |
| 32)                         | L7 AR-1260-2    | 6.956  | 5.953  | 671079   | 1040533  | 2.348  | 2.995 #  |
| 33)                         | L7 AR-1260-3    | 7.405f | 6.128  | 934111   | 2709739  | 4.406  | 8.232 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 6.663  | 0        | 410496   | N.D.   | 1.522 #  |
| 35)                         | L7 AR-1260-5    | 7.943  | 6.904  | 515479   | 1628982  | 1.201  | 2.607 #  |
| 36)                         | L8 AR-1262-1    | 7.405f | 6.375  | 934111   | 816026   | 3.248  | 2.235 #  |
| 37)                         | L8 AR-1262-2    | 7.943  | 6.904  | 515479   | 1628982  | 1.106  | 2.469 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.225  | 0        | 1352760  | N.D.   | 5.395 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.275  | 0        | 759534   | N.D.   | 1.591 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.225  | 0        | 1352760  | N.D.   | 1.731 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.275  | 0        | 759534   | N.D.   | 1.058 #  |
| 43)                         | L9 AR-1268-3    | 8.549  | 7.504  | 1500956  | 171782   | 3.391  | 0.287 #  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR122723\  
Data File : PR064845.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2023 21:58  
Operator : AJ\MA  
Sample : 05986-12  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 05:13:05 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR121423CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 15 04:19:57 2023  
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

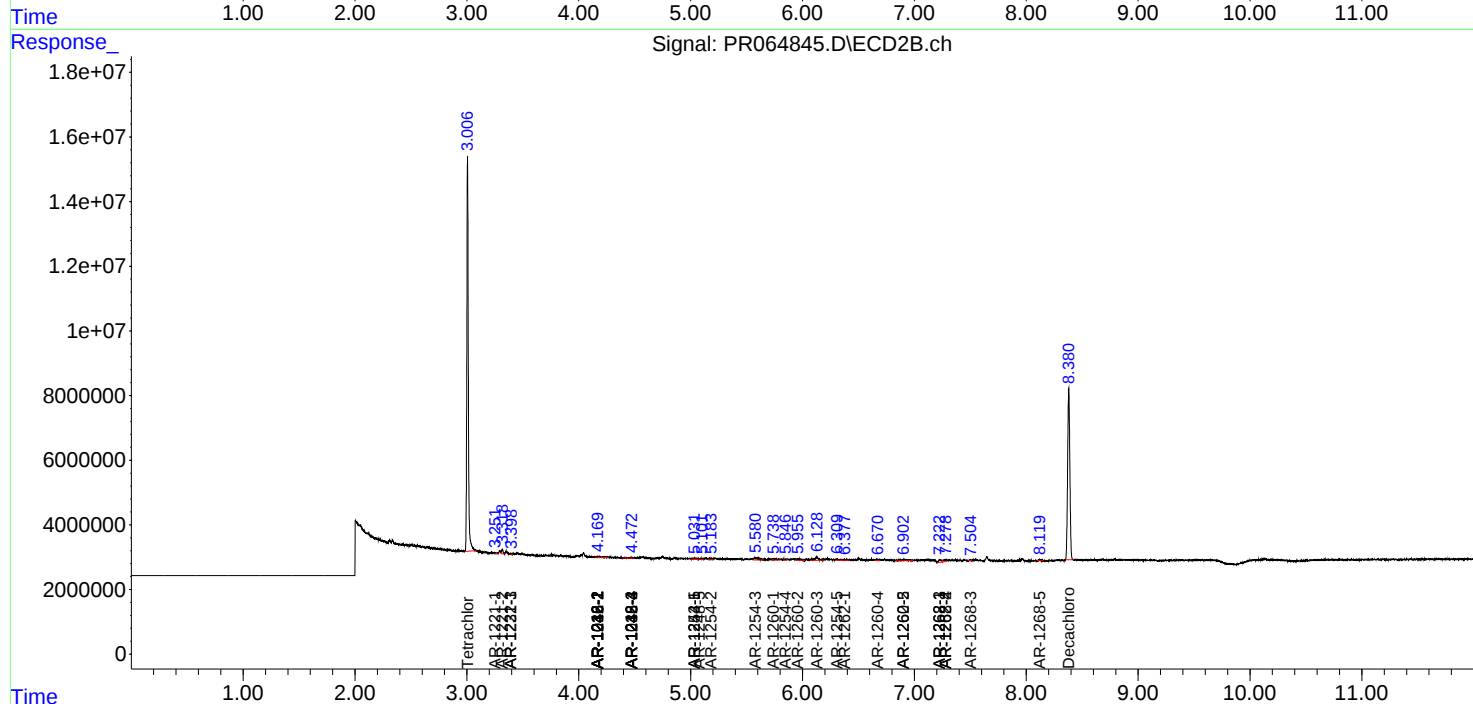
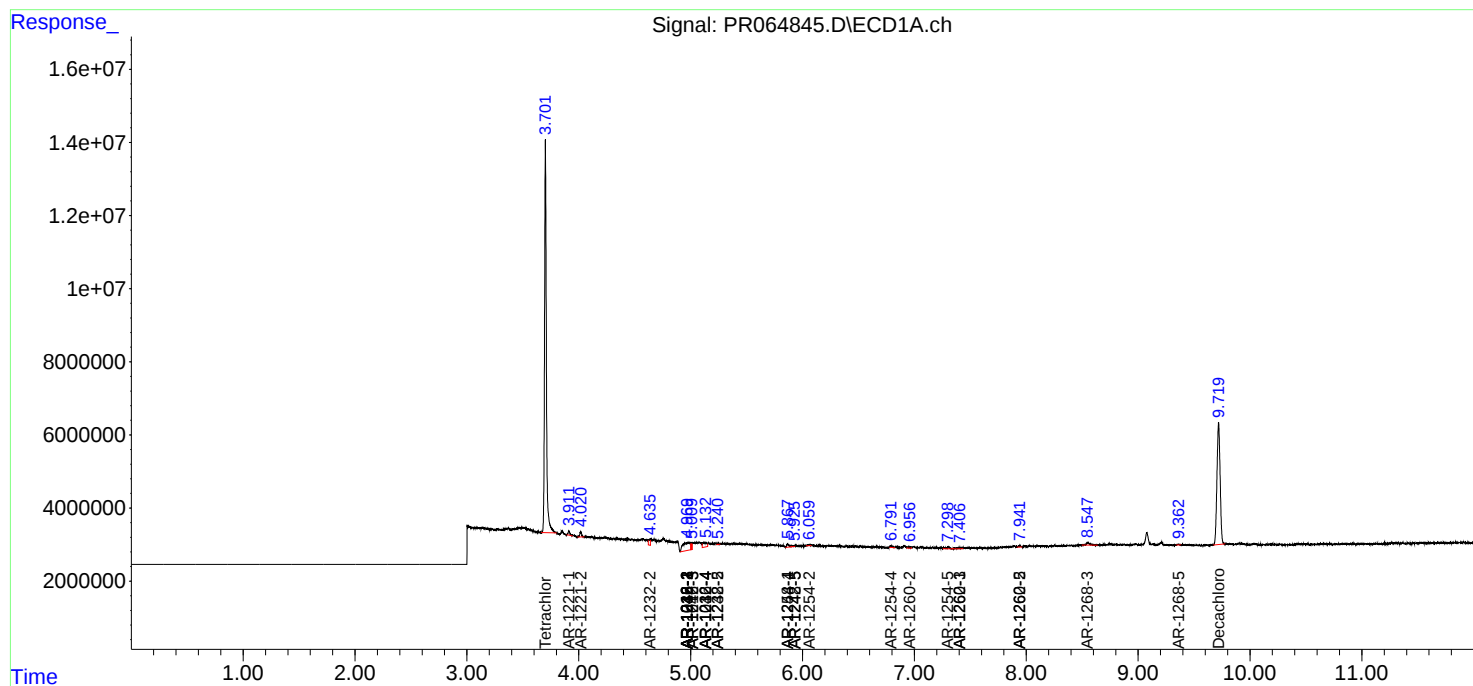
|        | Compound  | RT#1  | RT#2  | Resp#1 | Resp#2 | ng/ml | ng/ml |
|--------|-----------|-------|-------|--------|--------|-------|-------|
| 45) L9 | AR-1268-5 | 9.362 | 8.120 | 278273 | 327707 | 0.208 | 0.182 |

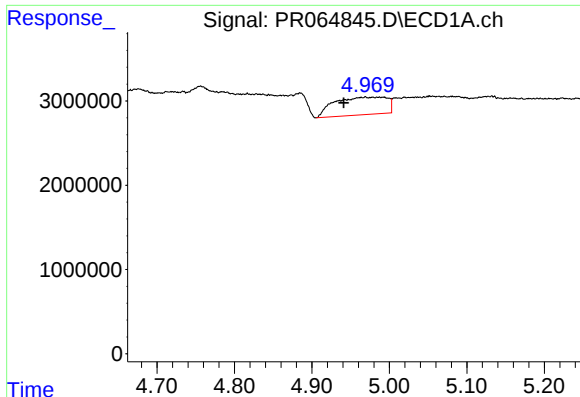
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR122723\  
Data File : PR064845.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2023 21:58  
Operator : AJ\MA  
Sample : 05986-12  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 05:13:05 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR121423CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 15 04:19:57 2023  
Response via : Initial Calibration  
Integrator: ChemStation

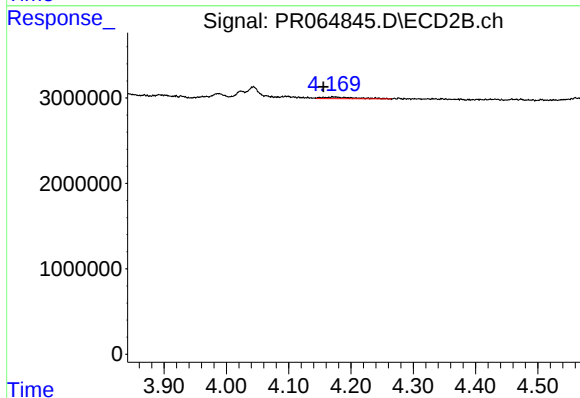
Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





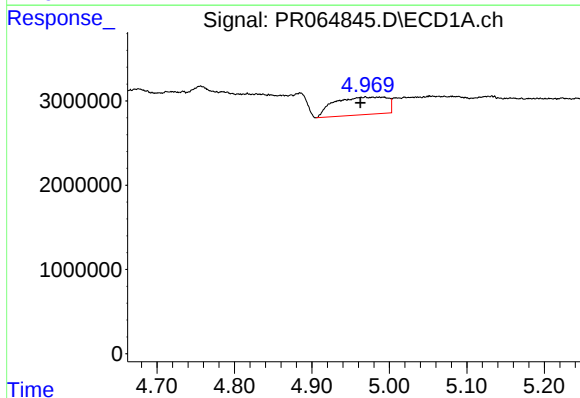
#3 AR-1016-1

R.T.: 4.969 min  
Delta R.T.: 0.028 min  
Response: 9881312  
Conc: 54.58 ng/ml



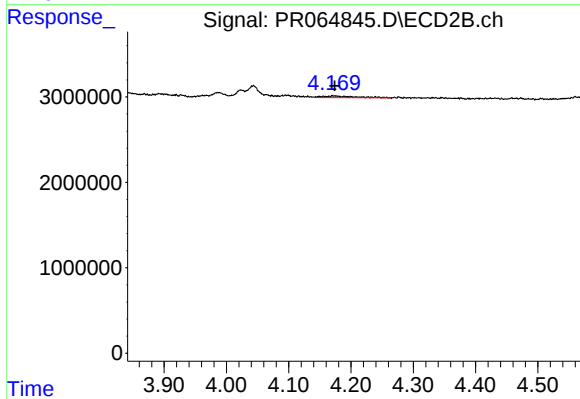
#3 AR-1016-1

R.T.: 4.175 min  
Delta R.T.: 0.019 min  
Response: 734903  
Conc: 3.96 ng/ml



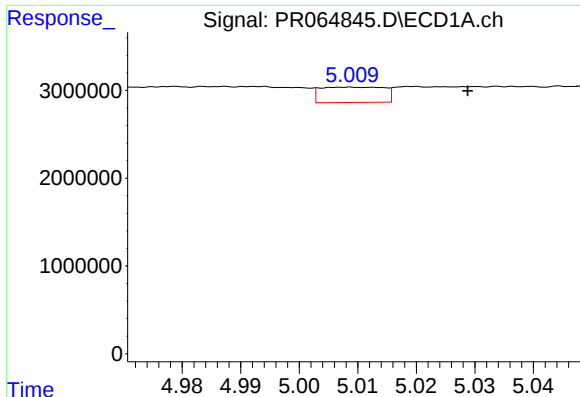
#4 AR-1016-2

R.T.: 4.969 min  
Delta R.T.: 0.006 min  
Response: 9881312  
Conc: 37.25 ng/ml



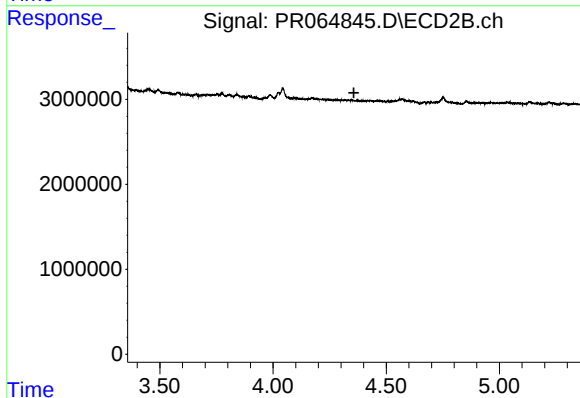
#4 AR-1016-2

R.T.: 4.175 min  
Delta R.T.: 0.000 min  
Response: 734903  
Conc: 2.89 ng/ml



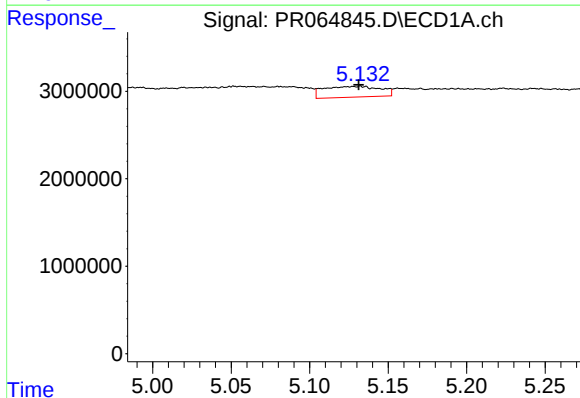
#5 AR-1016-3

R.T.: 5.008 min  
Delta R.T.: -0.020 min  
Response: 1322823  
Conc: 7.85 ng/ml



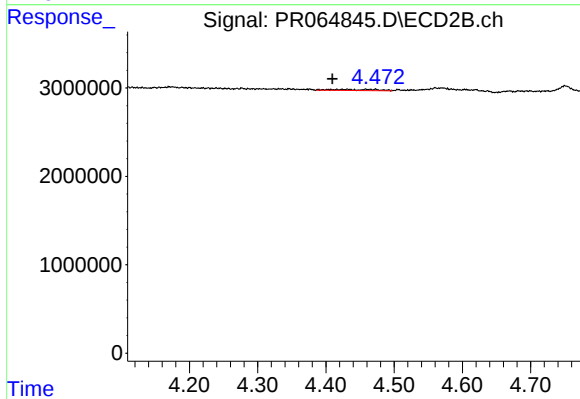
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 4.357 min  
Response: 0  
Conc: N.D.



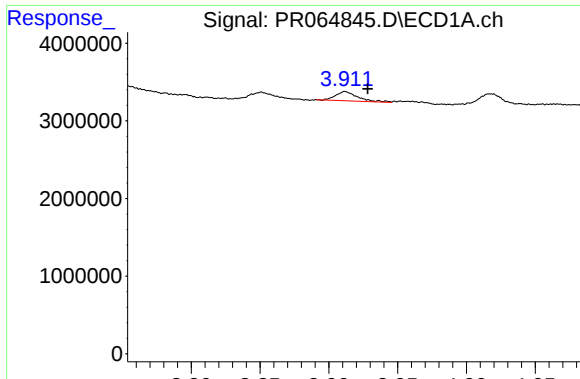
#6 AR-1016-4

R.T.: 5.132 min  
Delta R.T.: 0.000 min  
Response: 3088616  
Conc: 22.68 ng/ml



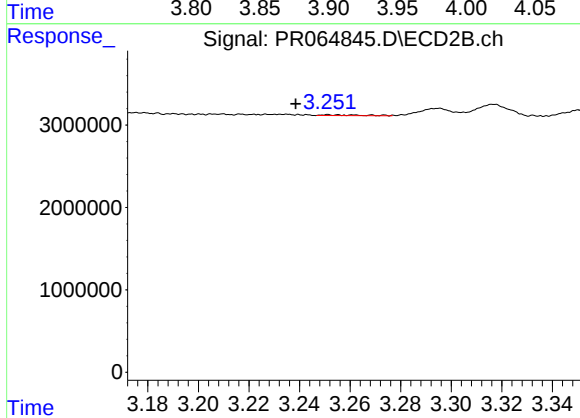
#6 AR-1016-4

R.T.: 4.473 min  
Delta R.T.: 0.064 min  
Response: 588533  
Conc: 5.53 ng/ml



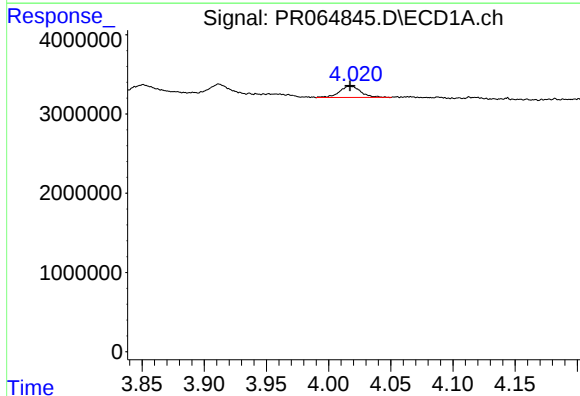
#8 AR-1221-1

R.T.: 3.912 min  
Delta R.T.: -0.016 min  
Response: 1316098  
Conc: 19.21 ng/ml



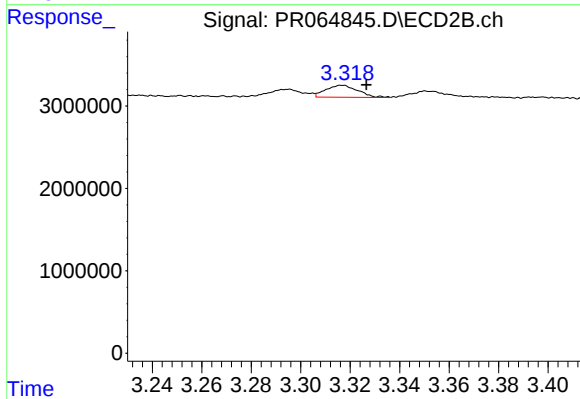
#8 AR-1221-1

R.T.: 3.251 min  
Delta R.T.: 0.013 min  
Response: 92030  
Conc: 1.52 ng/ml



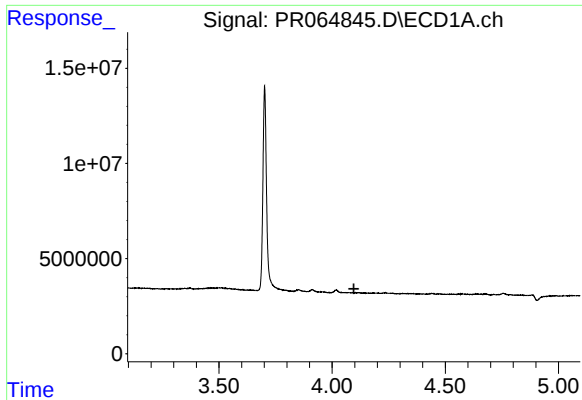
#9 AR-1221-2

R.T.: 4.018 min  
Delta R.T.: 0.000 min  
Response: 1682767  
Conc: 36.13 ng/ml



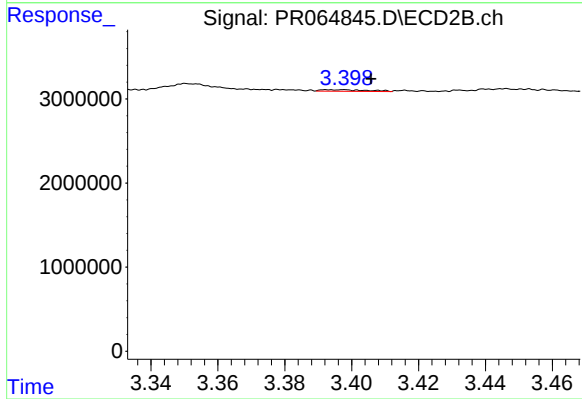
#9 AR-1221-2

R.T.: 3.317 min  
Delta R.T.: -0.010 min  
Response: 1334127  
Conc: 31.61 ng/ml



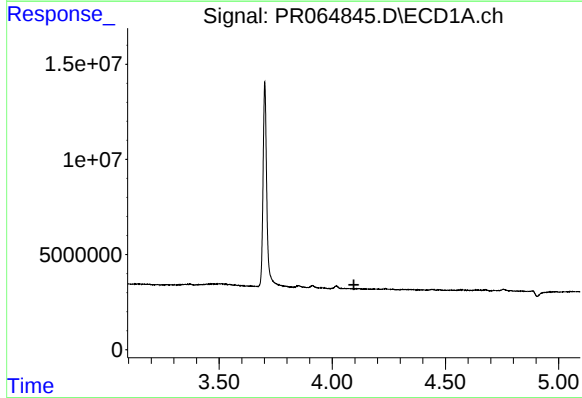
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.096 min  
Response: 0  
Conc: N.D.



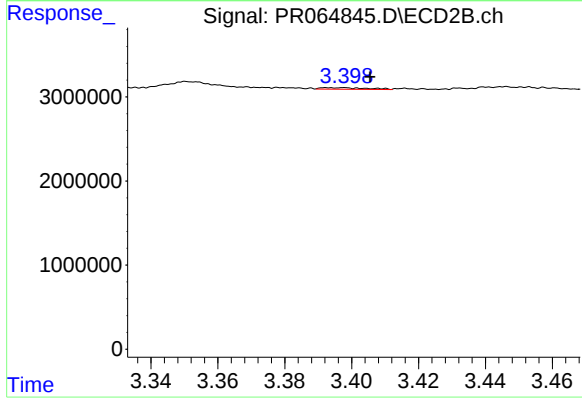
#10 AR-1221-3

R.T.: 3.397 min  
Delta R.T.: -0.008 min  
Response: 174098  
Conc: 1.22 ng/ml



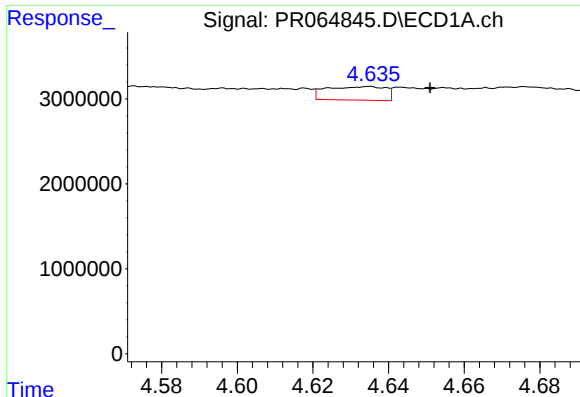
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.095 min  
Response: 0  
Conc: N.D.



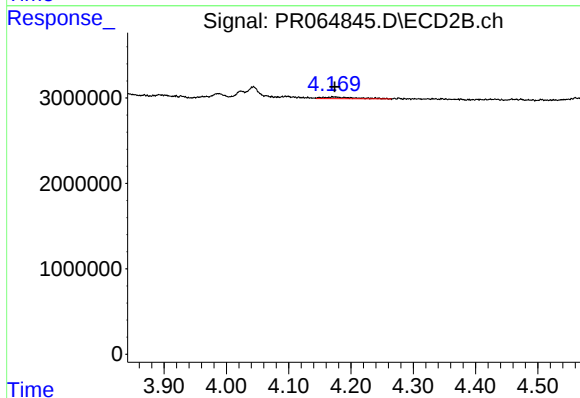
#11 AR-1232-1

R.T.: 3.397 min  
Delta R.T.: -0.008 min  
Response: 174098  
Conc: 1.58 ng/ml



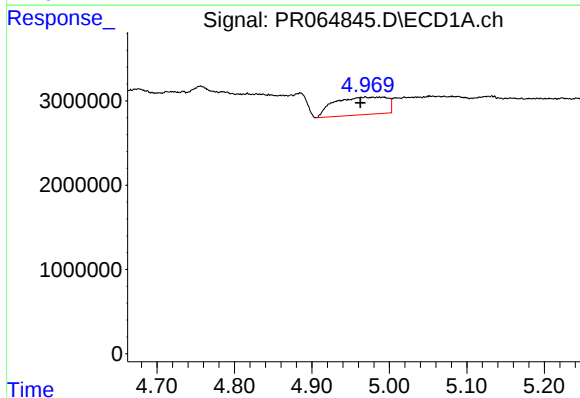
#12 AR-1232-2

R.T.: 4.635 min  
Delta R.T.: -0.016 min  
Response: 1736121  
Conc: 26.04 ng/ml



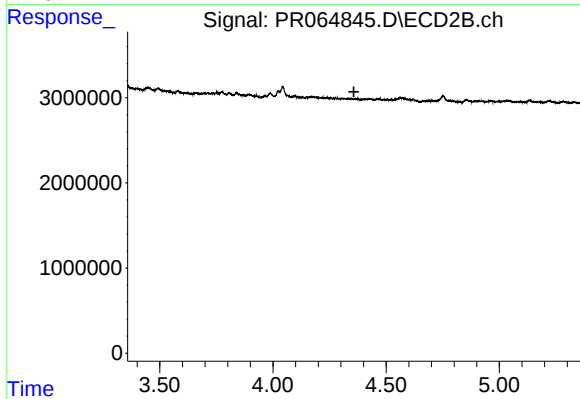
#12 AR-1232-2

R.T.: 4.175 min  
Delta R.T.: 0.000 min  
Response: 734903  
Conc: 6.87 ng/ml



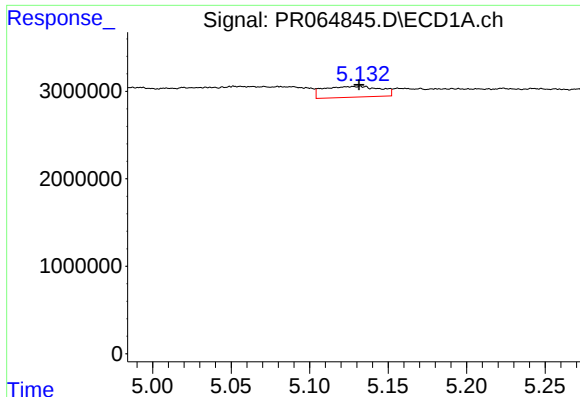
#13 AR-1232-3

R.T.: 4.969 min  
Delta R.T.: 0.007 min  
Response: 9881312  
Conc: 86.24 ng/ml



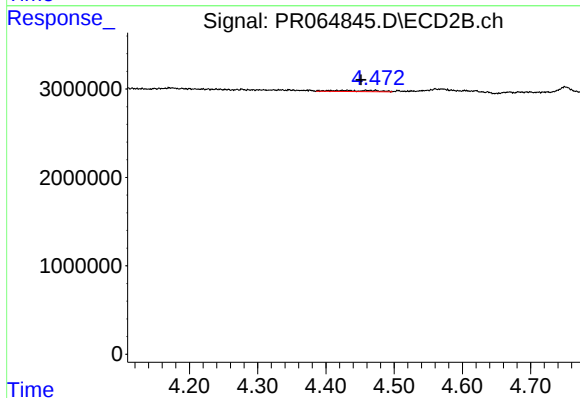
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 4.357 min  
Response: 0  
Conc: N.D.



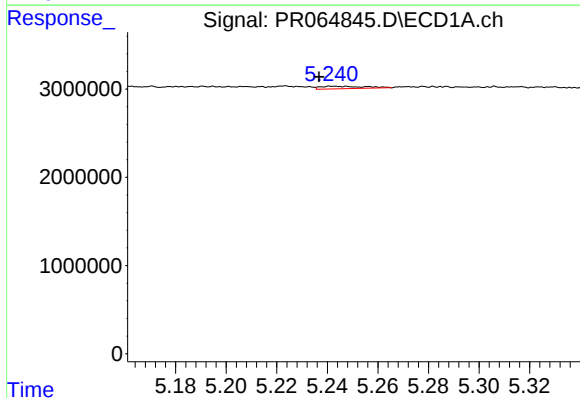
#14 AR-1232-4

R.T.: 5.132 min  
Delta R.T.: 0.000 min  
Response: 3088616  
Conc: 52.80 ng/ml



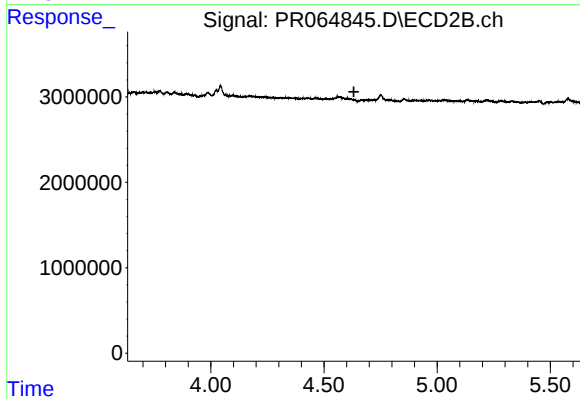
#14 AR-1232-4

R.T.: 4.473 min  
Delta R.T.: 0.021 min  
Response: 588533  
Conc: 11.86 ng/ml



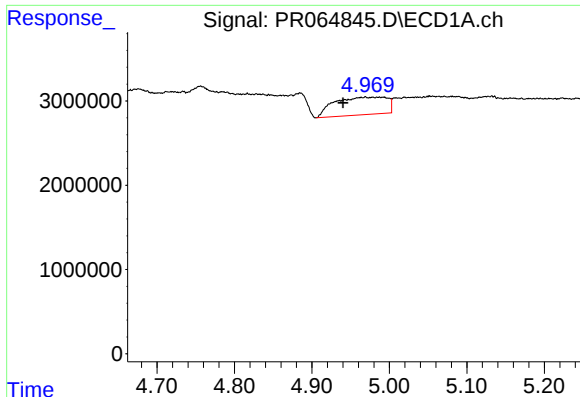
#15 AR-1232-5

R.T.: 5.247 min  
Delta R.T.: 0.010 min  
Response: 343403  
Conc: 8.08 ng/ml



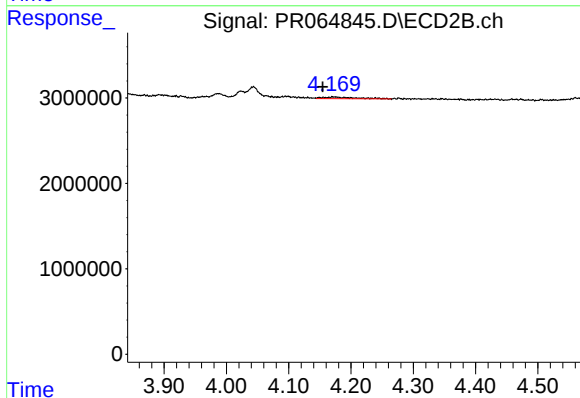
#15 AR-1232-5

R.T.: 4.669 min  
Delta R.T.: 0.037 min  
Response: -297091  
Conc: N.D.



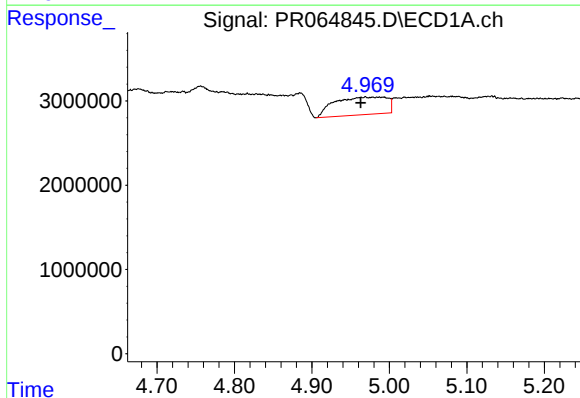
#16 AR-1242-1

R.T.: 4.969 min  
Delta R.T.: 0.029 min  
Response: 9881312  
Conc: 68.30 ng/ml



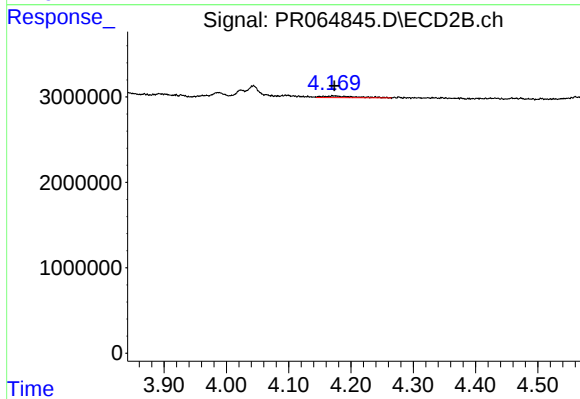
#16 AR-1242-1

R.T.: 4.175 min  
Delta R.T.: 0.020 min  
Response: 734903  
Conc: 5.01 ng/ml



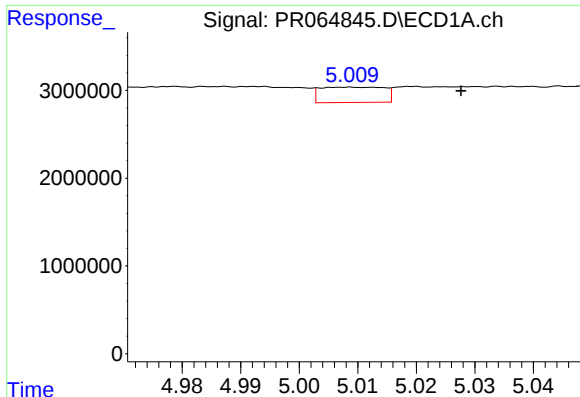
#17 AR-1242-2

R.T.: 4.969 min  
Delta R.T.: 0.006 min  
Response: 9881312  
Conc: 47.33 ng/ml



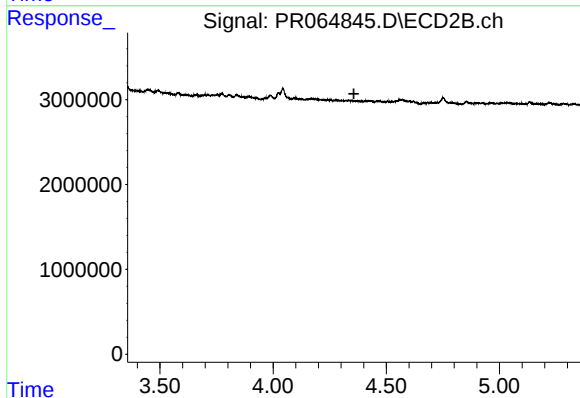
#17 AR-1242-2

R.T.: 4.175 min  
Delta R.T.: 0.001 min  
Response: 734903  
Conc: 3.69 ng/ml



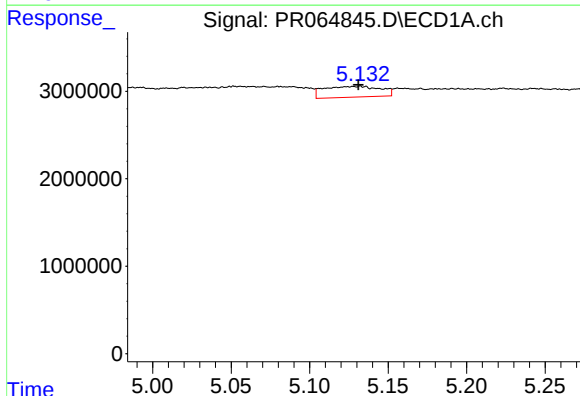
#18 AR-1242-3

R.T.: 5.008 min  
Delta R.T.: -0.019 min  
Response: 1322823  
Conc: 9.78 ng/ml



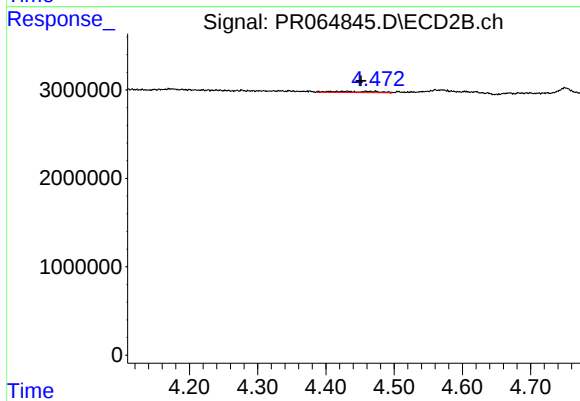
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 4.357 min  
Response: 0  
Conc: N.D.



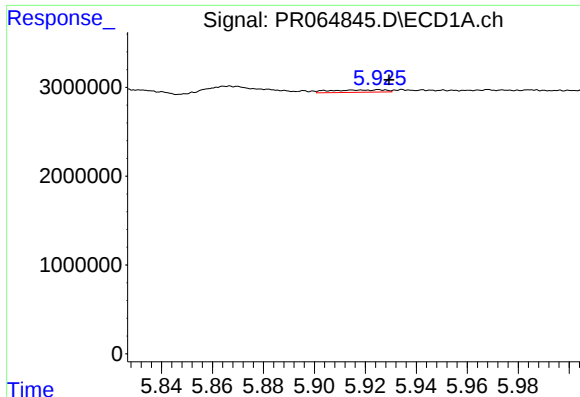
#19 AR-1242-4

R.T.: 5.132 min  
Delta R.T.: 0.001 min  
Response: 3088616  
Conc: 28.62 ng/ml



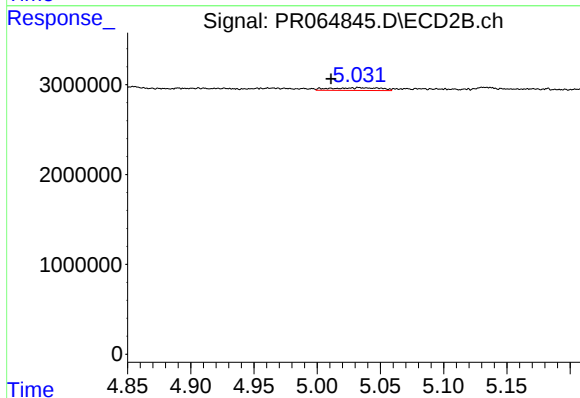
#19 AR-1242-4

R.T.: 4.473 min  
Delta R.T.: 0.022 min  
Response: 588533  
Conc: 5.66 ng/ml



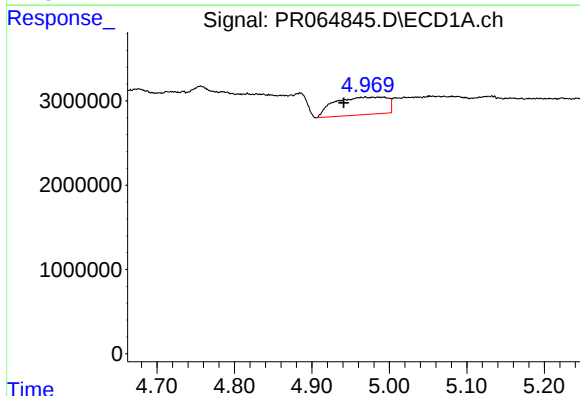
#20 AR-1242-5

R.T.: 5.926 min  
Delta R.T.: -0.004 min  
Response: 394554  
Conc: 3.45 ng/ml



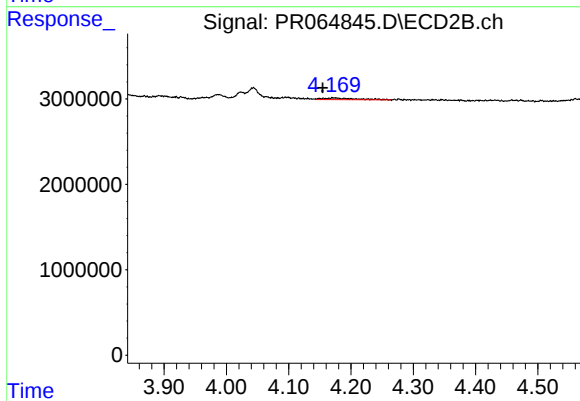
#20 AR-1242-5

R.T.: 5.034 min  
Delta R.T.: 0.023 min  
Response: 836462  
Conc: 6.22 ng/ml



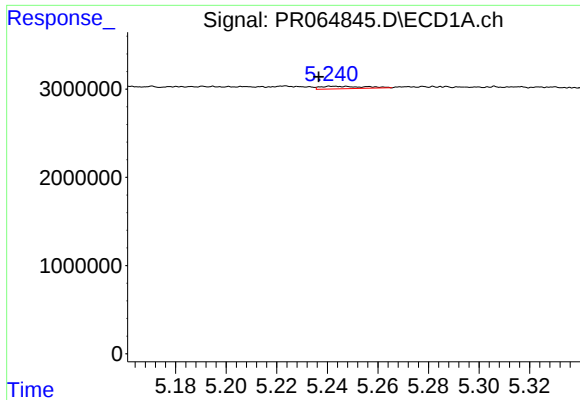
#21 AR-1248-1

R.T.: 4.969 min  
Delta R.T.: 0.028 min  
Response: 9881312  
Conc: 90.27 ng/ml



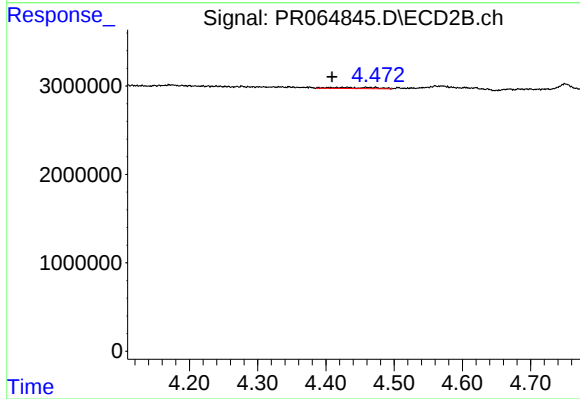
#21 AR-1248-1

R.T.: 4.175 min  
Delta R.T.: 0.020 min  
Response: 734903  
Conc: 6.62 ng/ml



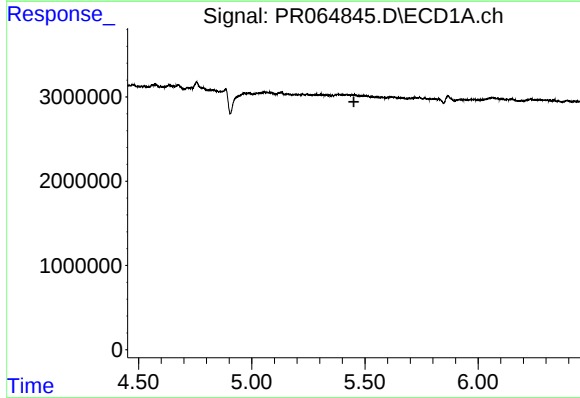
#22 AR-1248-2

R.T.: 5.247 min  
Delta R.T.: 0.010 min  
Response: 343403  
Conc: 2.20 ng/ml



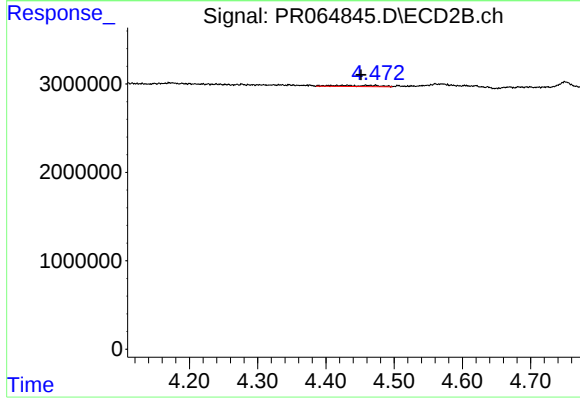
#22 AR-1248-2

R.T.: 4.473 min  
Delta R.T.: 0.064 min  
Response: 588533  
Conc: 3.92 ng/ml



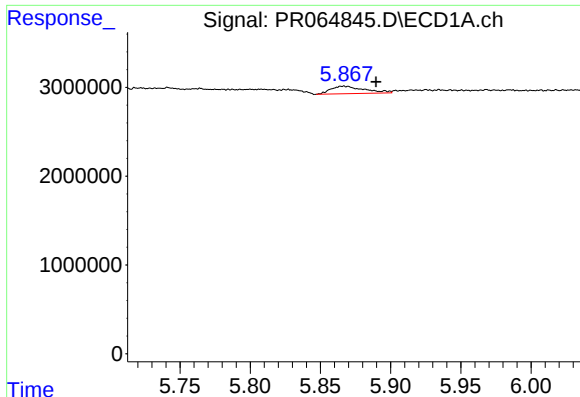
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 5.451 min  
Response: 0  
Conc: N.D.



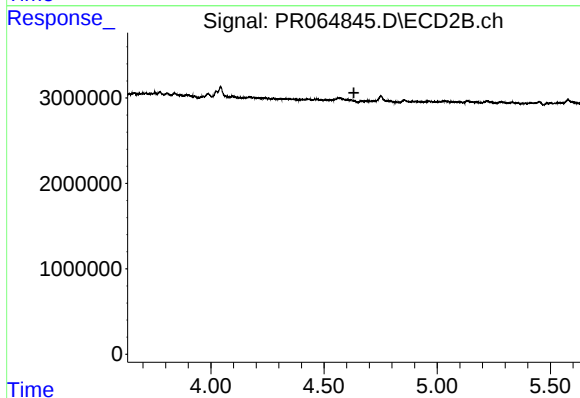
#23 AR-1248-3

R.T.: 4.473 min  
Delta R.T.: 0.022 min  
Response: 588533  
Conc: 3.75 ng/ml



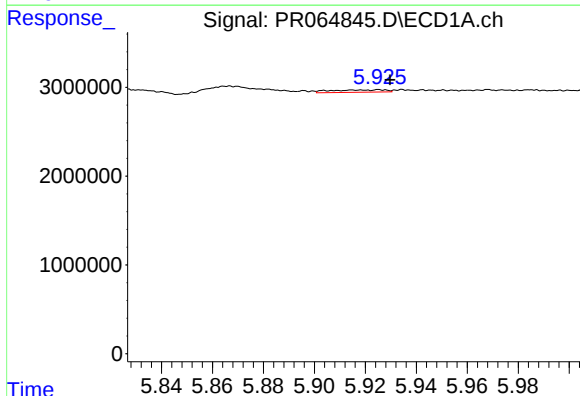
#24 AR-1248-4

R.T.: 5.866 min  
Delta R.T.: -0.023 min  
Response: 1395985  
Conc: 7.14 ng/ml



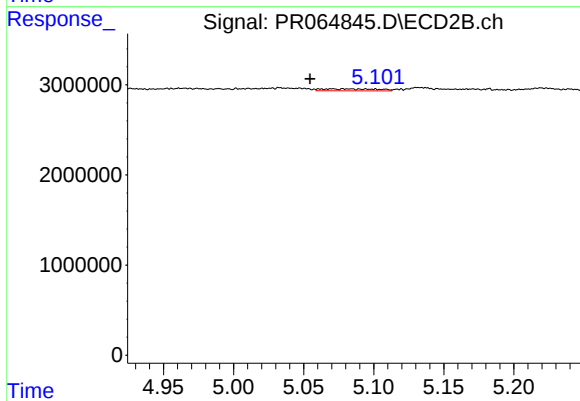
#24 AR-1248-4

R.T.: 4.669 min  
Delta R.T.: 0.037 min  
Response: -297091  
Conc: N.D.



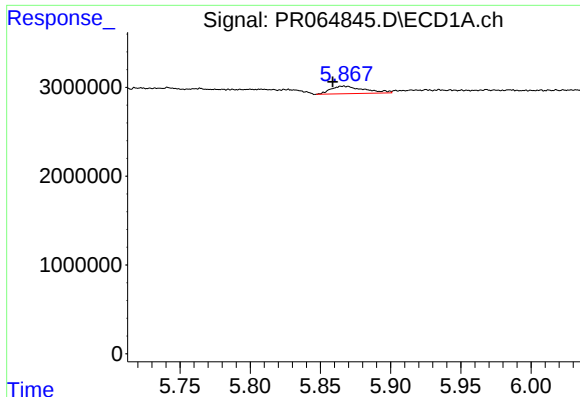
#25 AR-1248-5

R.T.: 5.926 min  
Delta R.T.: -0.004 min  
Response: 394554  
Conc: 2.02 ng/ml



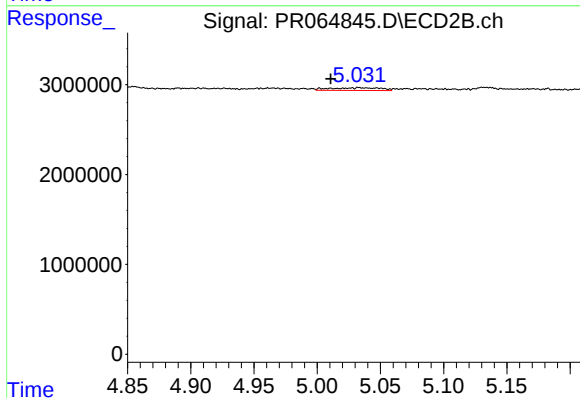
#25 AR-1248-5

R.T.: 5.070 min  
Delta R.T.: 0.015 min  
Response: 590422  
Conc: 3.06 ng/ml



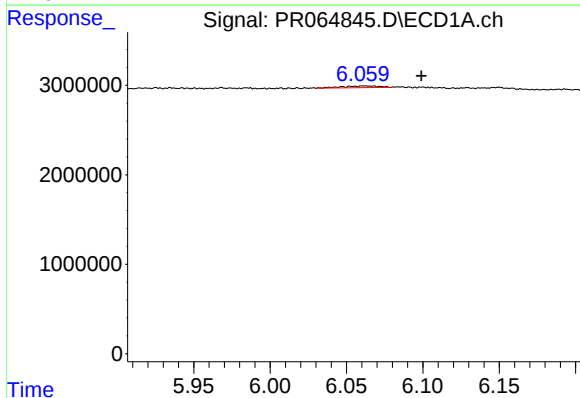
#26 AR-1254-1

R.T.: 5.866 min  
Delta R.T.: 0.008 min  
Response: 1395985  
Conc: 6.94 ng/ml



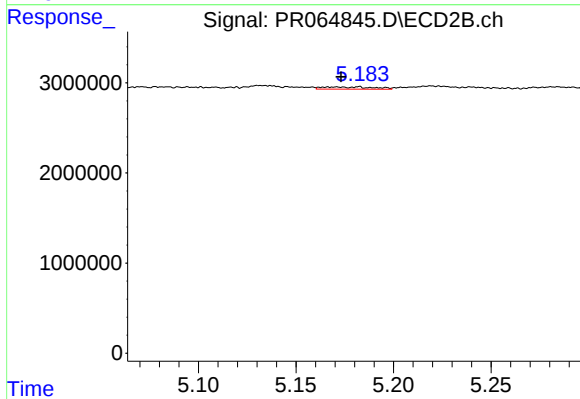
#26 AR-1254-1

R.T.: 5.034 min  
Delta R.T.: 0.023 min  
Response: 836462  
Conc: 2.91 ng/ml



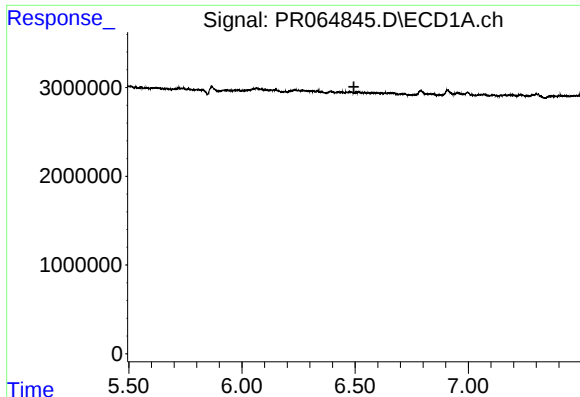
#27 AR-1254-2

R.T.: 6.062 min  
Delta R.T.: -0.037 min  
Response: 333680  
Conc: 1.10 ng/ml



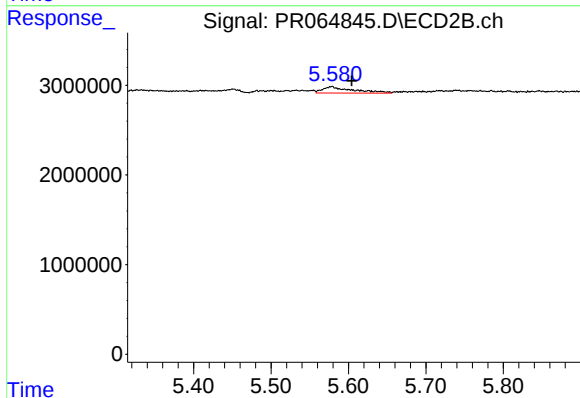
#27 AR-1254-2

R.T.: 5.182 min  
Delta R.T.: 0.009 min  
Response: 453481  
Conc: 1.82 ng/ml



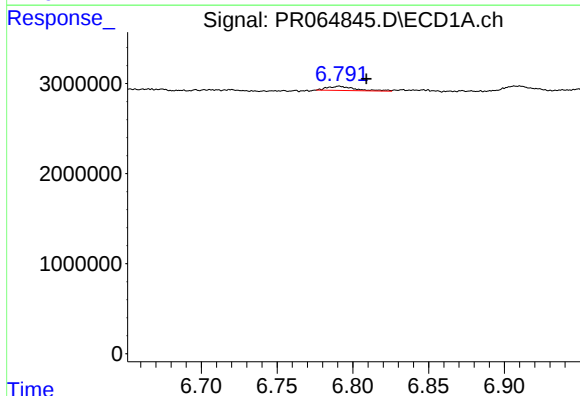
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 6.494 min  
Response: 0  
Conc: N.D.



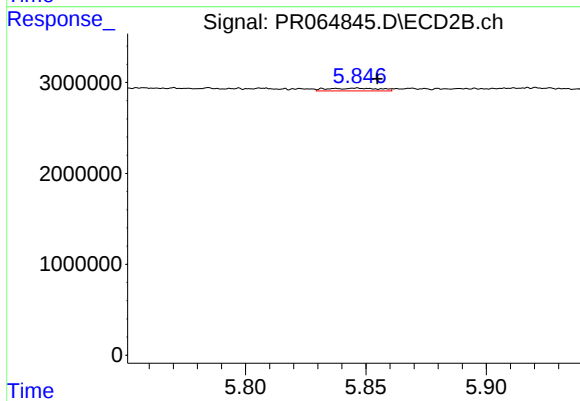
#28 AR-1254-3

R.T.: 5.578 min  
Delta R.T.: -0.026 min  
Response: 1930286  
Conc: 4.85 ng/ml



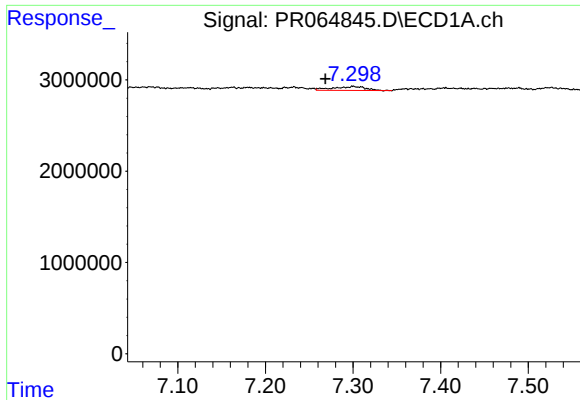
#29 AR-1254-4

R.T.: 6.791 min  
Delta R.T.: -0.018 min  
Response: 593700  
Conc: 2.70 ng/ml



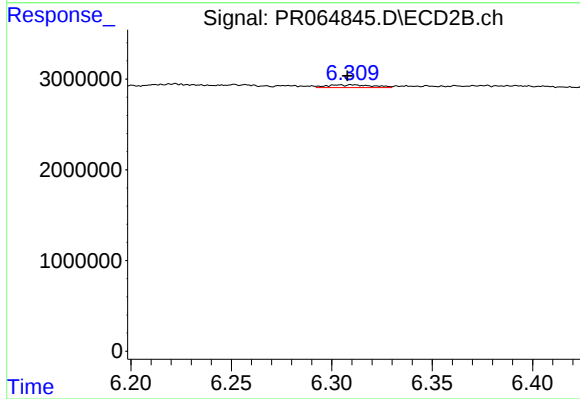
#29 AR-1254-4

R.T.: 5.847 min  
Delta R.T.: -0.008 min  
Response: 461276  
Conc: 1.85 ng/ml



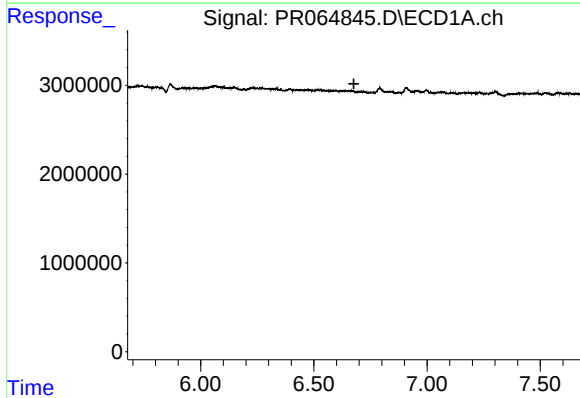
#30 AR-1254-5

R.T.: 7.300 min  
Delta R.T.: 0.032 min  
Response: 1121387  
Conc: 4.72 ng/ml



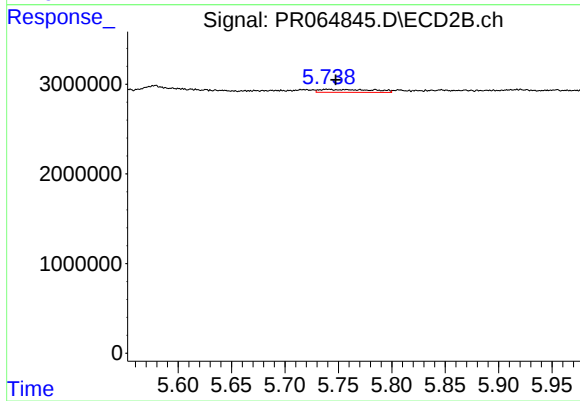
#30 AR-1254-5

R.T.: 6.309 min  
Delta R.T.: 0.001 min  
Response: 490163  
Conc: 1.38 ng/ml



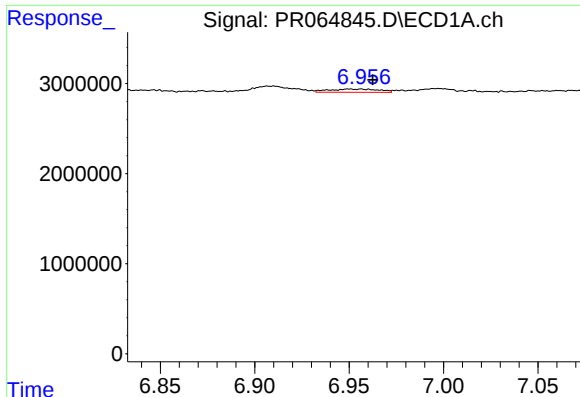
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 6.677 min  
Response: 0  
Conc: N.D.



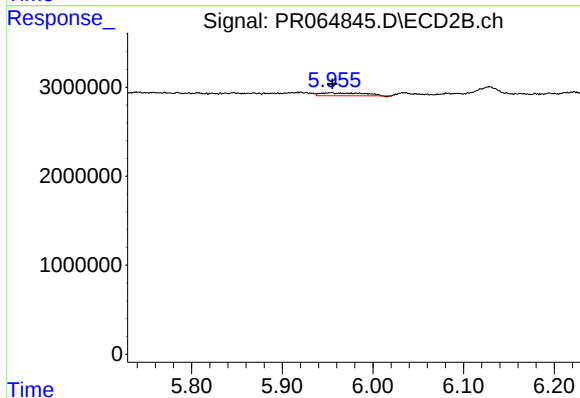
#31 AR-1260-1

R.T.: 5.740 min  
Delta R.T.: -0.008 min  
Response: 1163875  
Conc: 4.03 ng/ml



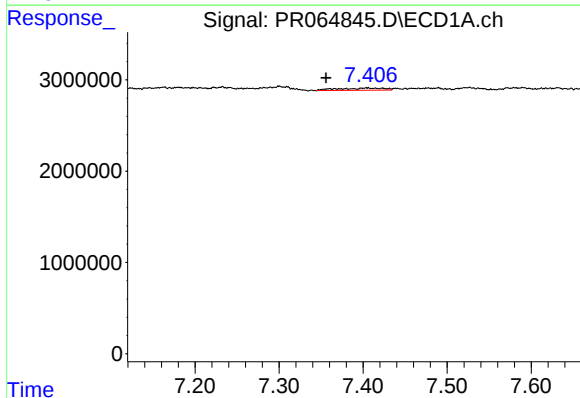
#32 AR-1260-2

R.T.: 6.956 min  
Delta R.T.: -0.006 min  
Response: 671079  
Conc: 2.35 ng/ml



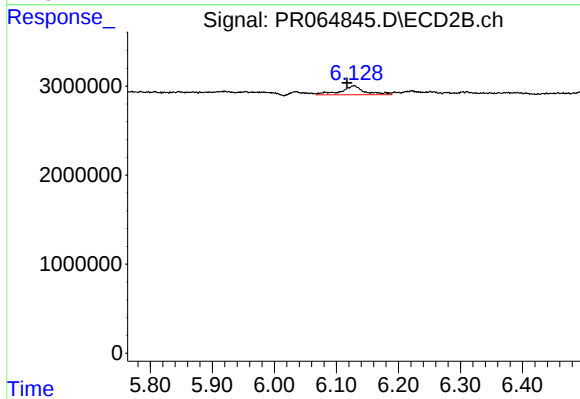
#32 AR-1260-2

R.T.: 5.953 min  
Delta R.T.: -0.002 min  
Response: 1040533  
Conc: 2.99 ng/ml



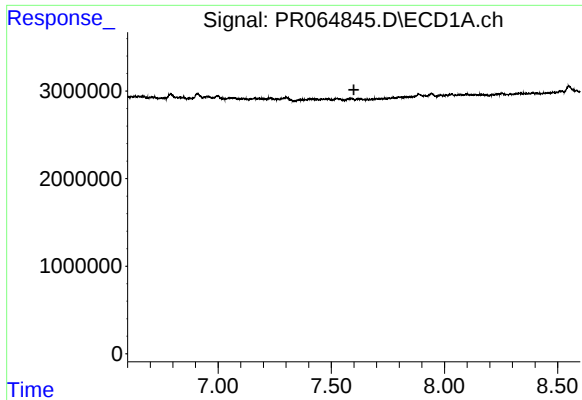
#33 AR-1260-3

R.T.: 7.405 min  
Delta R.T.: 0.049 min  
Response: 934111  
Conc: 4.41 ng/ml



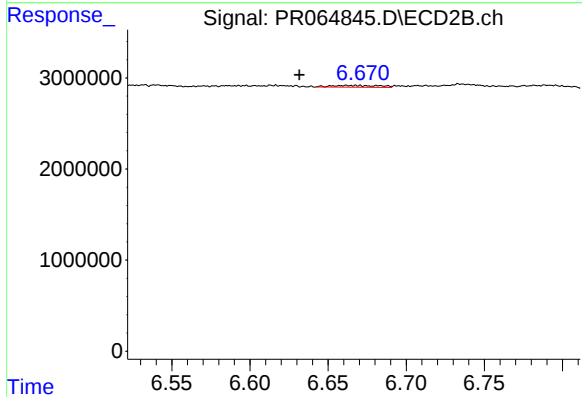
#33 AR-1260-3

R.T.: 6.128 min  
Delta R.T.: 0.011 min  
Response: 2709739  
Conc: 8.23 ng/ml



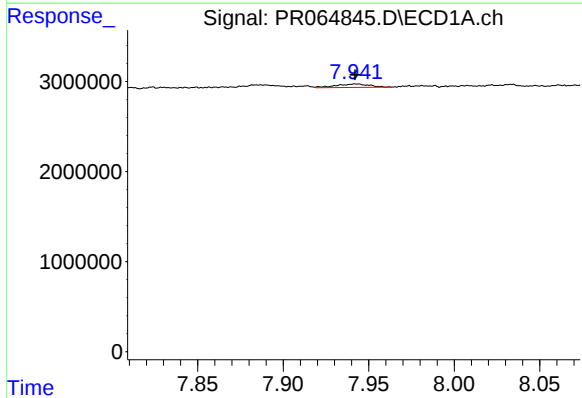
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 7.600 min  
Response: 0  
Conc: N.D.



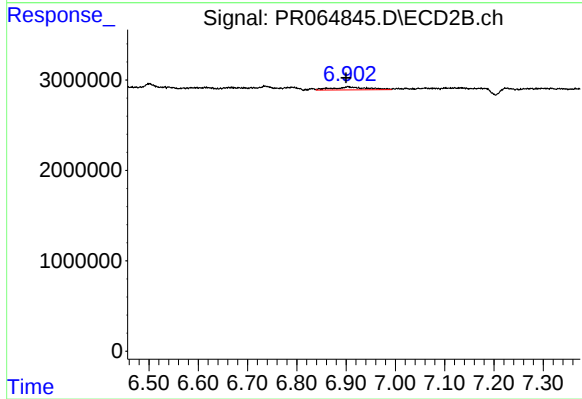
#34 AR-1260-4

R.T.: 6.663 min  
Delta R.T.: 0.031 min  
Response: 410496  
Conc: 1.52 ng/ml



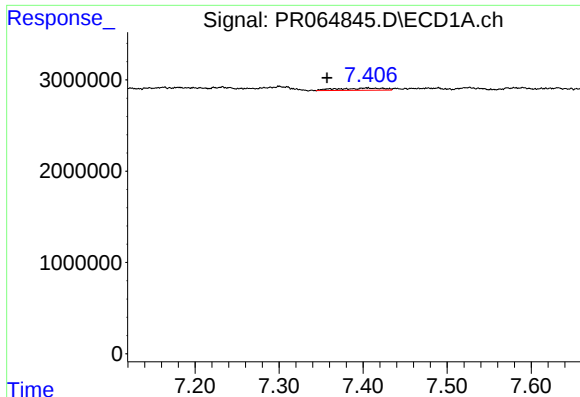
#35 AR-1260-5

R.T.: 7.943 min  
Delta R.T.: 0.000 min  
Response: 515479  
Conc: 1.20 ng/ml



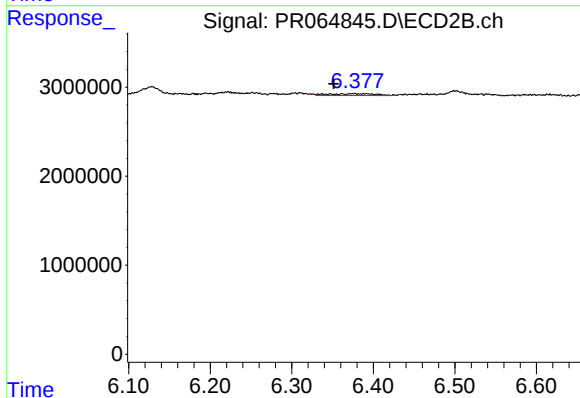
#35 AR-1260-5

R.T.: 6.904 min  
Delta R.T.: 0.004 min  
Response: 1628982  
Conc: 2.61 ng/ml



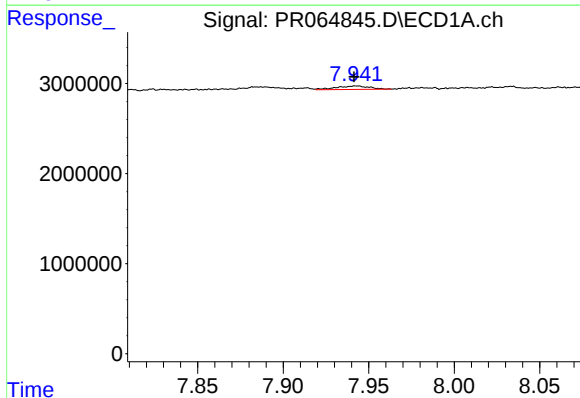
#36 AR-1262-1

R.T.: 7.405 min  
Delta R.T.: 0.048 min  
Response: 934111  
Conc: 3.25 ng/ml



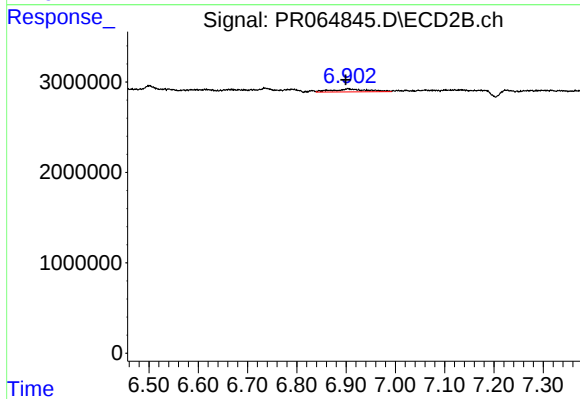
#36 AR-1262-1

R.T.: 6.375 min  
Delta R.T.: 0.023 min  
Response: 816026  
Conc: 2.24 ng/ml



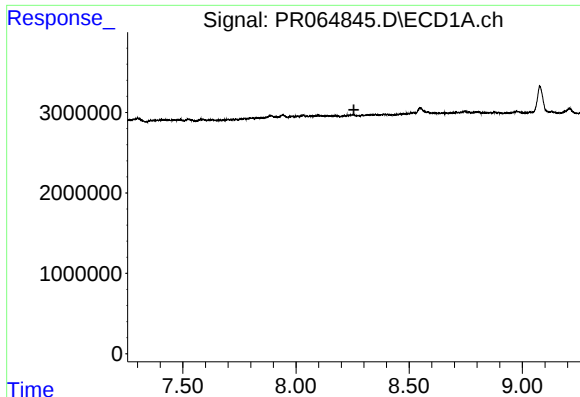
#37 AR-1262-2

R.T.: 7.943 min  
Delta R.T.: 0.001 min  
Response: 515479  
Conc: 1.11 ng/ml



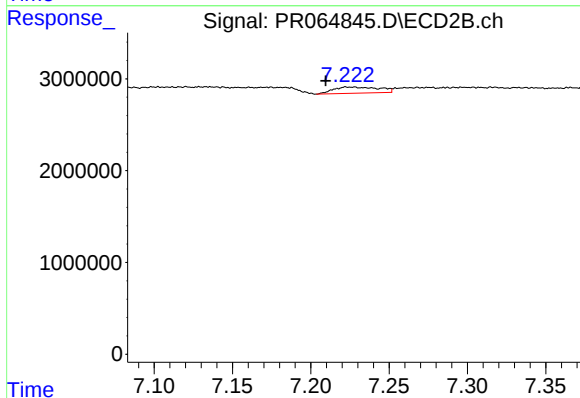
#37 AR-1262-2

R.T.: 6.904 min  
Delta R.T.: 0.005 min  
Response: 1628982  
Conc: 2.47 ng/ml



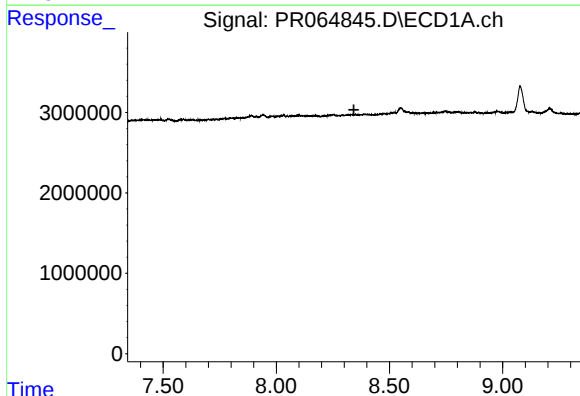
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.256 min  
Response: 0  
Conc: N.D.



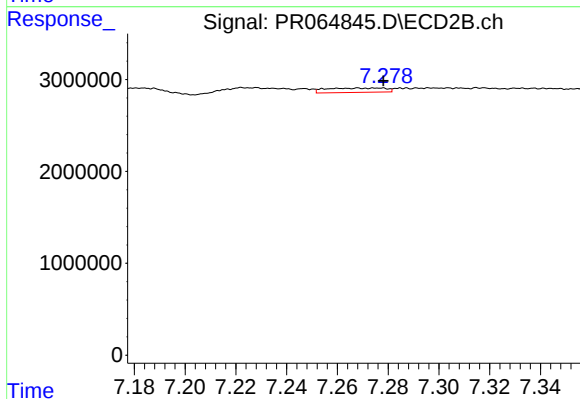
#38 AR-1262-3

R.T.: 7.225 min  
Delta R.T.: 0.016 min  
Response: 1352760  
Conc: 5.39 ng/ml



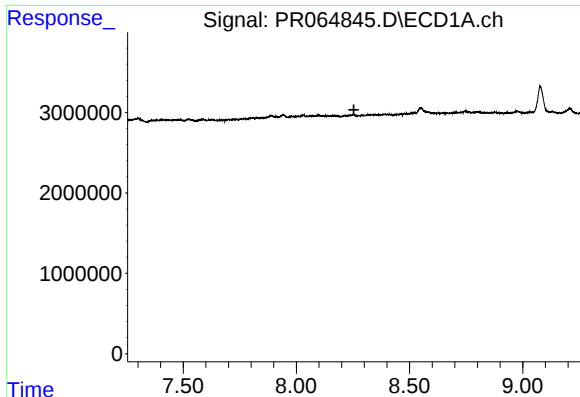
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.343 min  
Response: 0  
Conc: N.D.



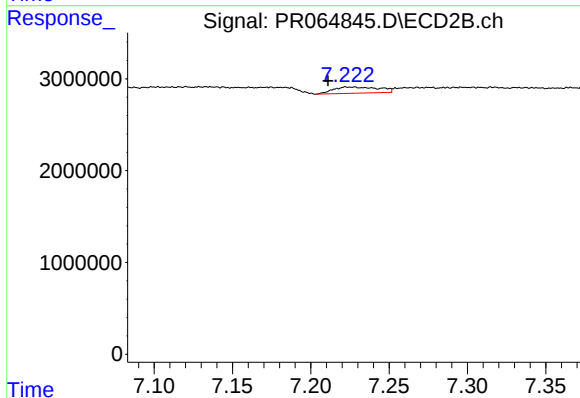
#39 AR-1262-4

R.T.: 7.275 min  
Delta R.T.: -0.004 min  
Response: 759534  
Conc: 1.59 ng/ml



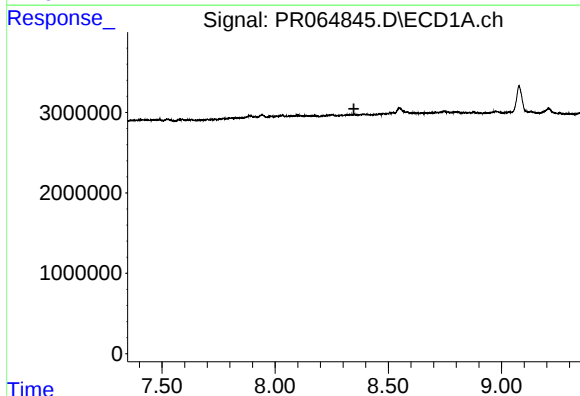
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.254 min  
Response: 0  
Conc: N.D.



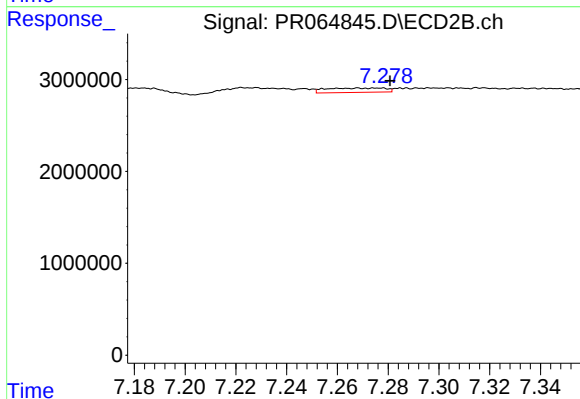
#41 AR-1268-1

R.T.: 7.225 min  
Delta R.T.: 0.014 min  
Response: 1352760  
Conc: 1.73 ng/ml



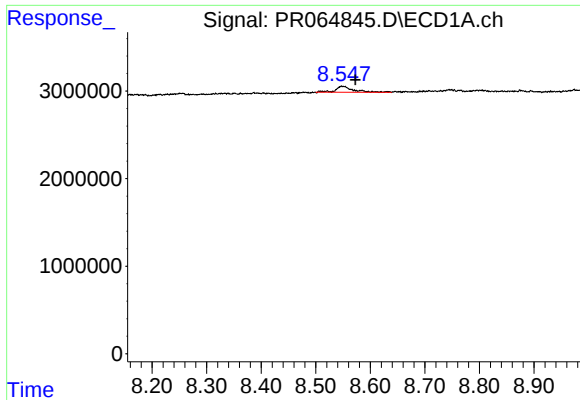
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.348 min  
Response: 0  
Conc: N.D.



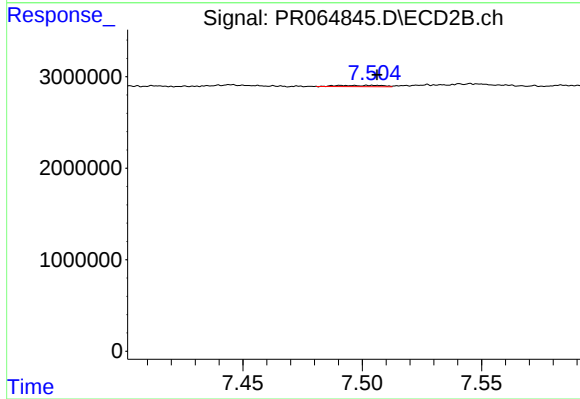
#42 AR-1268-2

R.T.: 7.275 min  
Delta R.T.: -0.006 min  
Response: 759534  
Conc: 1.06 ng/ml



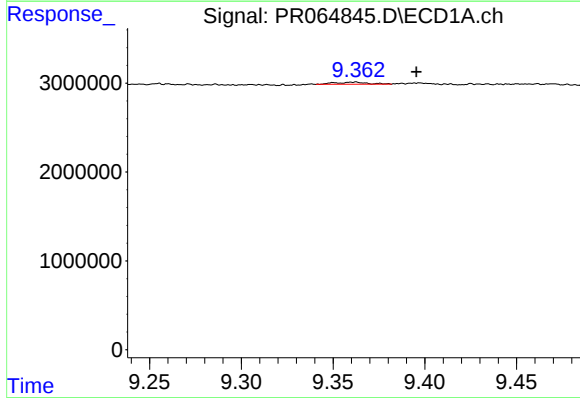
#43 AR-1268-3

R.T.: 8.549 min  
Delta R.T.: -0.023 min  
Response: 1500956  
Conc: 3.39 ng/ml



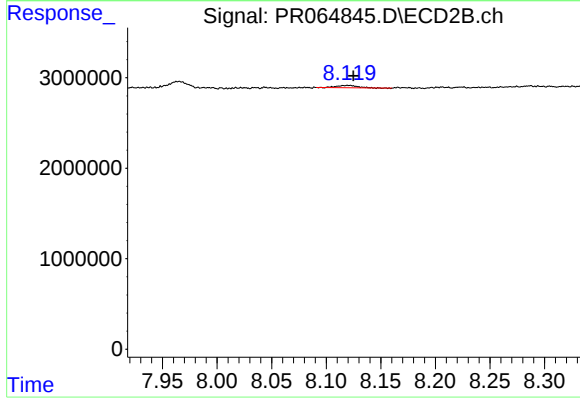
#43 AR-1268-3

R.T.: 7.504 min  
Delta R.T.: -0.002 min  
Response: 171782  
Conc: 0.29 ng/ml



#45 AR-1268-5

R.T.: 9.362 min  
Delta R.T.: -0.034 min  
Response: 278273  
Conc: 0.21 ng/ml



#45 AR-1268-5

R.T.: 8.120 min  
Delta R.T.: -0.005 min  
Response: 327707  
Conc: 0.18 ng/ml