

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR073018\  
 Data File : PR030941.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jul 2018 03:16 pm  
 Operator : SM\MA  
 Sample : J4149-11  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 30 15:33:06 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR072718CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jul 27 23:47:01 2018  
 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... | 4.558  | 3.698  | 565.1E6  | 900.9E6  | 19.604  | 21.191    |
| 2)                          | SA Decachlor... | 10.315 | 8.584  | 859.2E6  | 519.8E6  | 29.571  | 29.391    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.266  | 4.351  | 11131686 | 99285215 | 16.676  | 89.076 #  |
| 4)                          | L1 AR-1016-2    | 5.440  | 4.769  | 17208873 | 145.0E6  | 26.021  | 94.738 #  |
| 5)                          | L1 AR-1016-3    | 5.764f | 4.769  | 135.2E6  | 145.0E6  | 138.881 | 54.720 #  |
| 6)                          | L1 AR-1016-4    | 5.829  | 4.769f | 9218996  | 145.0E6  | 10.967  | 92.721 #  |
| 7)                          | L1 AR-1016-5    | 6.196  | 5.192  | 41379694 | 81127054 | 61.154  | 59.976    |
| 8)                          | L2 AR-1221-1    | 4.765  | 3.932  | 29823370 | 2411268  | 70.253  | 3.894 #   |
| 9)                          | L2 AR-1221-2    | 4.862  | 3.993  | 742236   | 731709   | 2.780   | 1.696 #   |
| 10)                         | L2 AR-1221-3    | 4.925  | 4.056  | 39593754 | 1696854  | 41.094  | 1.103 #   |
| 11)                         | L3 AR-1232-1    | 5.764  | 4.535  | 135.2E6  | 63706629 | 195.006 | 90.164 #  |
| 12)                         | L3 AR-1232-2    | 5.889  | 4.769  | 42801151 | 145.0E6  | 127.347 | 101.064   |
| 13)                         | L3 AR-1232-3    | 6.025f | 5.028  | 31336706 | 10324864 | 134.960 | 17.096 #  |
| 14)                         | L3 AR-1232-4    | 6.614f | 5.355  | 28226296 | 38938490 | 138.468 | 50.841 #  |
| 15)                         | L3 AR-1232-5    | 6.614  | 5.585  | 28226296 | 862670   | 85.120  | 1.030 #   |
| 16)                         | L4 AR-1242-1    | 5.266  | 4.351  | 11131686 | 99285215 | 35.628  | 173.223 # |
| 17)                         | L4 AR-1242-2    | 6.025  | 4.921  | 31336706 | 3550087  | 61.088  | 3.237 #   |
| 18)                         | L4 AR-1242-3    | 6.239  | 4.983  | 8892683  | 129.7E6  | 35.823  | 149.828 # |
| 19)                         | L4 AR-1242-4    | 6.239f | 5.763  | 8892683  | 6496947  | 48.262  | 6.188 #   |
| 20)                         | L4 AR-1242-5    | 6.332  | 5.781  | 1613914  | 2304823  | 2.457   | 3.299 #   |
| 21)                         | L5 AR-1248-1    | 6.025f | 4.983  | 31336706 | 129.7E6  | 32.849  | 76.785 #  |
| 22)                         | L5 AR-1248-2    | 6.614f | 5.529  | 28226296 | 17664697 | 30.488  | 5.635 #   |
| 23)                         | L5 AR-1248-3    | 6.614  | 5.585  | 28226296 | 862670   | 22.003  | 0.386 #   |
| 24)                         | L5 AR-1248-4    | 6.614  | 5.763  | 28226296 | 6496947  | 23.645  | 2.928 #   |
| 25)                         | L5 AR-1248-5    | 6.824  | 6.015f | 134.8E6  | 3679064  | 170.191 | 2.593 #   |
| 26)                         | L6 AR-1254-1    | 6.824f | 5.675  | 134.8E6  | 72092628 | 71.166  | 25.632 #  |
| 27)                         | L6 AR-1254-2    | 7.044  | 5.972  | 59484260 | 14878596 | 52.899  | 6.654 #   |
| 28)                         | L6 AR-1254-3    | 7.151  | 6.327  | 23173534 | 3717576  | 11.617  | 1.164 #   |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.603  | 0        | 4089504  | N.D.    | 2.542 #   |
| 30)                         | L6 AR-1254-5    | 7.698  | 6.739  | 46617313 | -9232643 | 39.775  | N.D. #    |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.203  | 0        | 7223507  | N.D.    | 3.028 #   |
| 32)                         | L7 AR-1260-2    | 7.574  | 6.385  | 37567245 | 39138987 | 19.920  | 13.797 #  |
| 33)                         | L7 AR-1260-3    | 7.876  | 6.523  | 14622320 | 8916832  | 7.370   | 3.913 #   |
| 35)                         | L7 AR-1260-5    | 8.471  | 7.223  | 2814558  | 17039752 | 0.832   | 5.841 #   |
| 36)                         | L8 AR-1262-1    | 7.210  | 6.136f | 6026574  | 3733190  | 5.774   | 1.898 #   |
| 37)                         | L8 AR-1262-2    | 8.001  | 6.799  | 3933404  | 6859776  | 3.684   | 4.441     |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.113  | 0        | 28354532 | N.D.    | 21.586 #  |
| 39)                         | L8 AR-1262-4    | 8.869  | 7.507  | 8065165  | 3519824  | 3.272   | 2.030 #   |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.078  | 0        | 1147846  | N.D.    | 0.918 #   |
| 43)                         | L9 AR-1268-3    | 8.839f | 7.763  | 6745497  | 1522209  | 1.075   | 0.459 #   |
| 44)                         | L9 AR-1268-4    | 9.121  | 0.000  | 2561240  | 0        | 0.514   | N.D. #    |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR073018\  
Data File : PR030941.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2018 03:16 pm  
Operator : SM\MA  
Sample : J4149-11  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

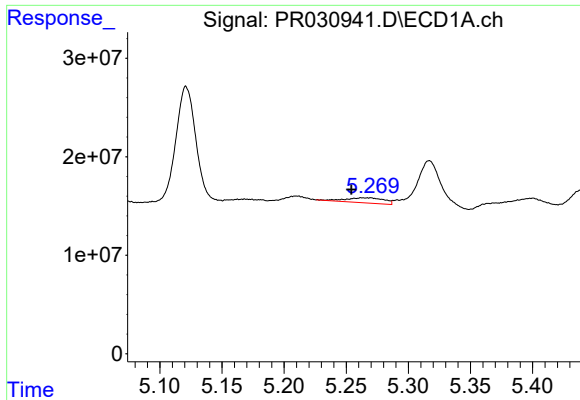
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 15:33:06 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR072718CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jul 27 23:47:01 2018  
Response via : Initial Calibration  
Integrator: 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 | 9.974 | 8.338 | 11917241 | 10405899 | 0.843 | 1.265 # |

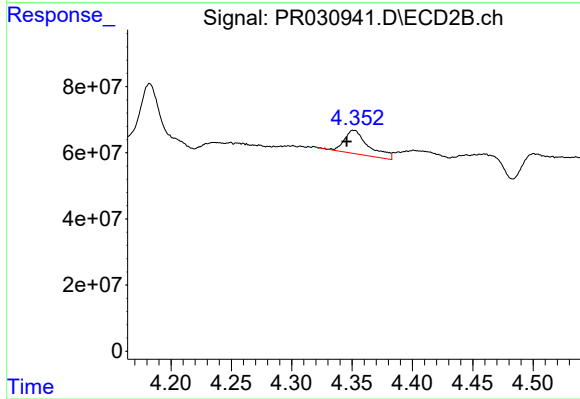
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.





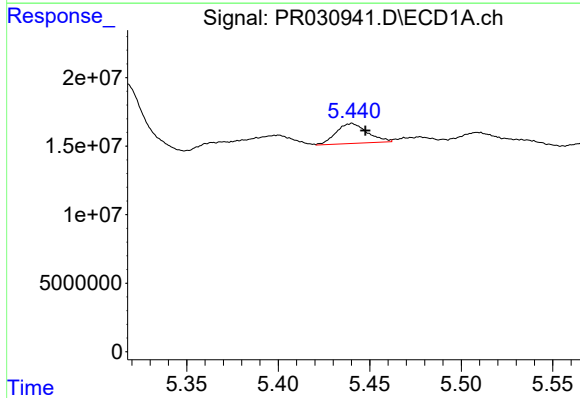
#3 AR-1016-1

R.T.: 5.266 min  
Delta R.T.: 0.012 min  
Response: 11131686  
Conc: 16.68 ng/ml



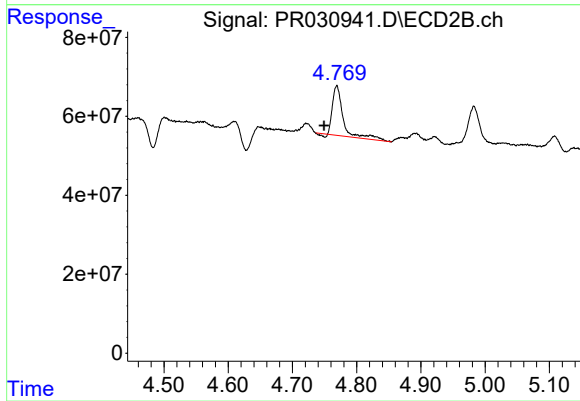
#3 AR-1016-1

R.T.: 4.351 min  
Delta R.T.: 0.006 min  
Response: 99285215  
Conc: 89.08 ng/ml



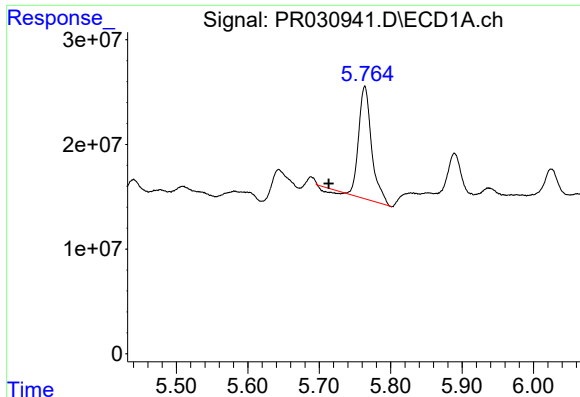
#4 AR-1016-2

R.T.: 5.440 min  
Delta R.T.: -0.008 min  
Response: 17208873  
Conc: 26.02 ng/ml



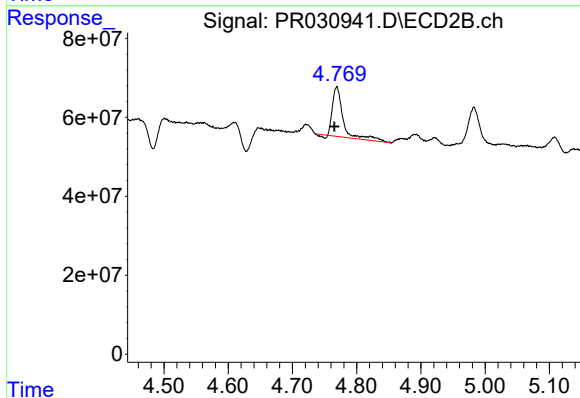
#4 AR-1016-2

R.T.: 4.769 min  
Delta R.T.: 0.020 min  
Response: 145021862  
Conc: 94.74 ng/ml



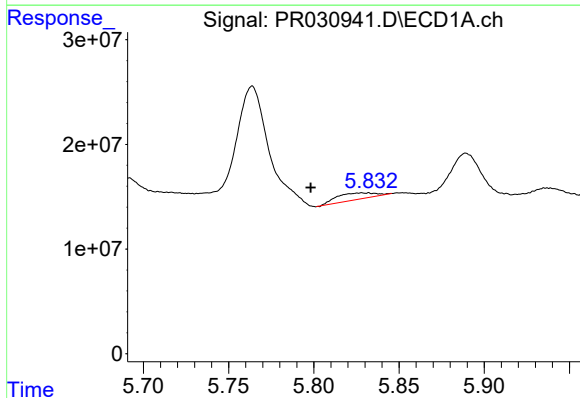
#5 AR-1016-3

R.T.: 5.764 min  
Delta R.T.: 0.051 min  
Response: 135151467  
Conc: 138.88 ng/ml



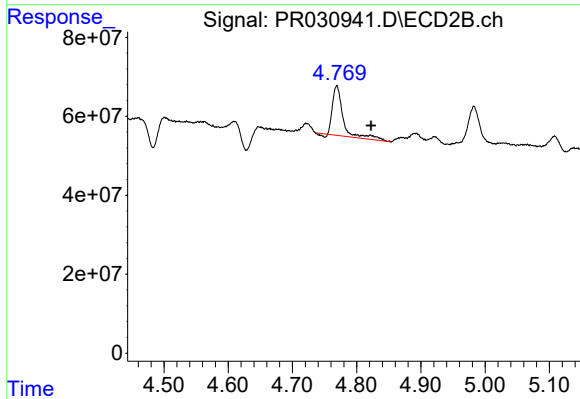
#5 AR-1016-3

R.T.: 4.769 min  
Delta R.T.: 0.003 min  
Response: 145021862  
Conc: 54.72 ng/ml



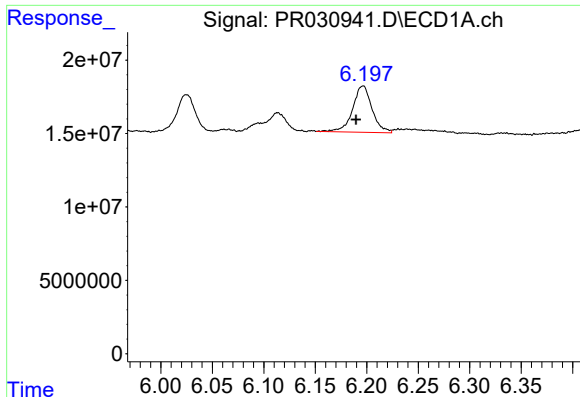
#6 AR-1016-4

R.T.: 5.829 min  
Delta R.T.: 0.031 min  
Response: 9218996  
Conc: 10.97 ng/ml



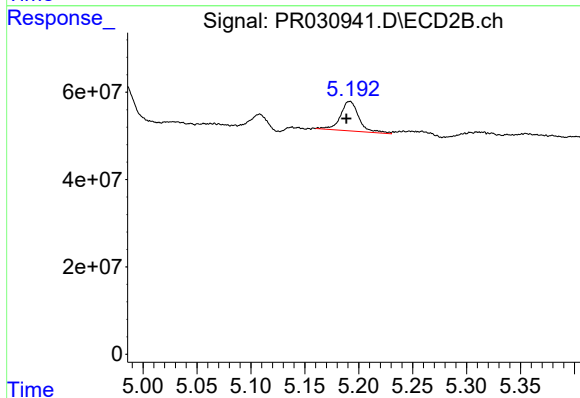
#6 AR-1016-4

R.T.: 4.769 min  
Delta R.T.: -0.053 min  
Response: 145021862  
Conc: 92.72 ng/ml



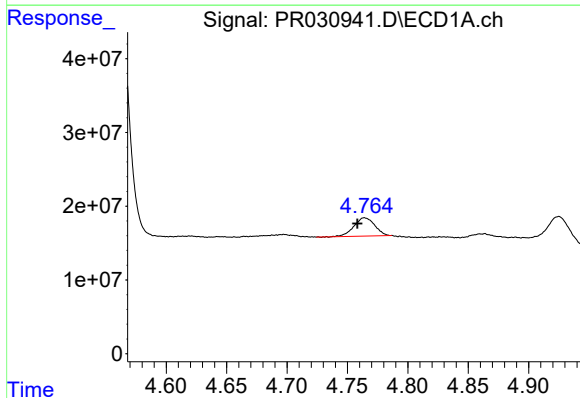
#7 AR-1016-5

R.T.: 6.196 min  
Delta R.T.: 0.007 min  
Response: 41379694  
Conc: 61.15 ng/ml



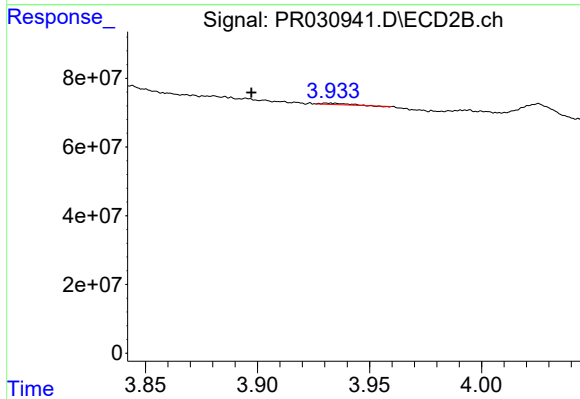
#7 AR-1016-5

R.T.: 5.192 min  
Delta R.T.: 0.003 min  
Response: 81127054  
Conc: 59.98 ng/ml



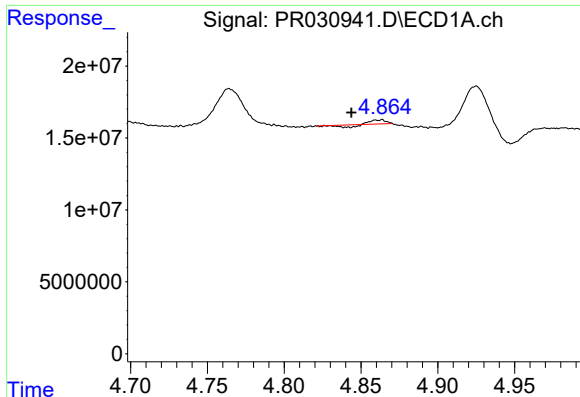
#8 AR-1221-1

R.T.: 4.765 min  
Delta R.T.: 0.007 min  
Response: 29823370  
Conc: 70.25 ng/ml



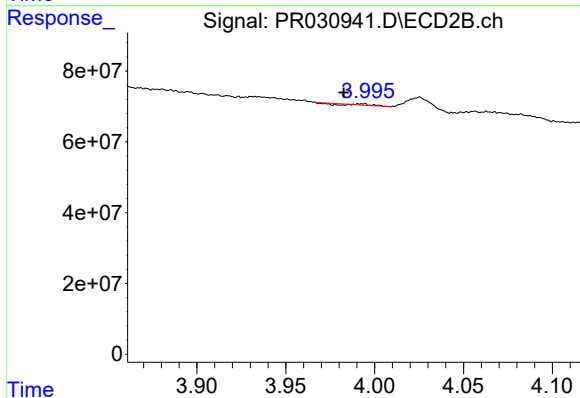
#8 AR-1221-1

R.T.: 3.932 min  
Delta R.T.: 0.035 min  
Response: 2411268  
Conc: 3.89 ng/ml



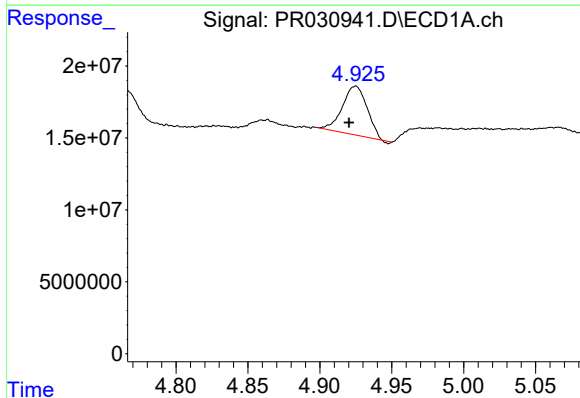
#9 AR-1221-2

R.T.: 4.862 min  
Delta R.T.: 0.018 min  
Response: 742236  
Conc: 2.78 ng/ml



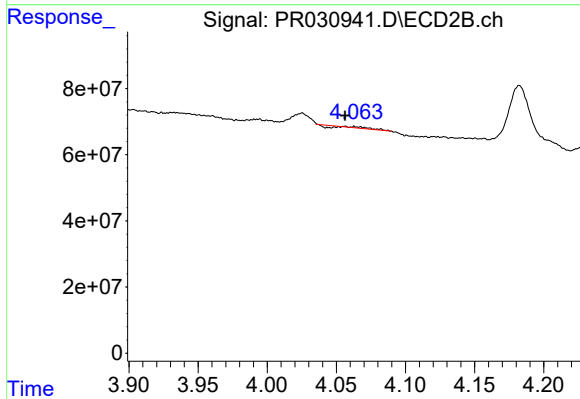
#9 AR-1221-2

R.T.: 3.993 min  
Delta R.T.: 0.010 min  
Response: 731709  
Conc: 1.70 ng/ml



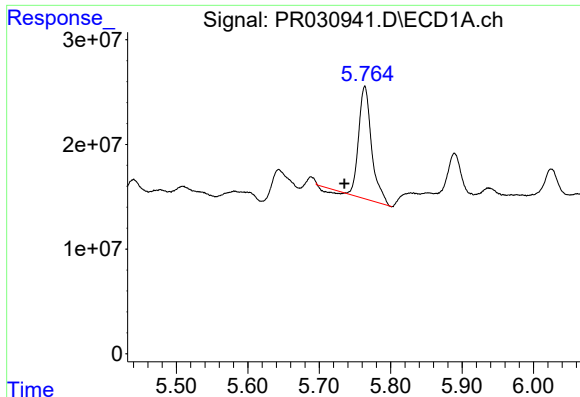
#10 AR-1221-3

R.T.: 4.925 min  
Delta R.T.: 0.004 min  
Response: 39593754  
Conc: 41.09 ng/ml



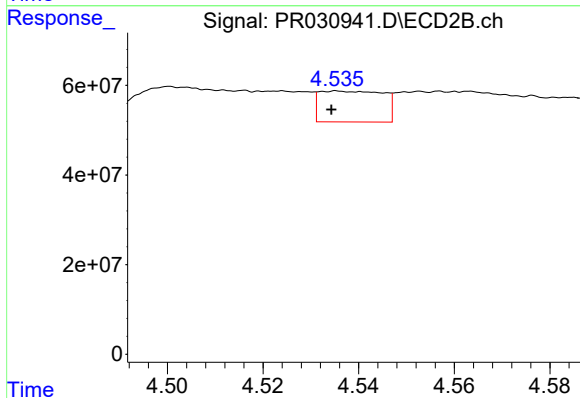
#10 AR-1221-3

R.T.: 4.056 min  
Delta R.T.: 0.000 min  
Response: 1696854  
Conc: 1.10 ng/ml



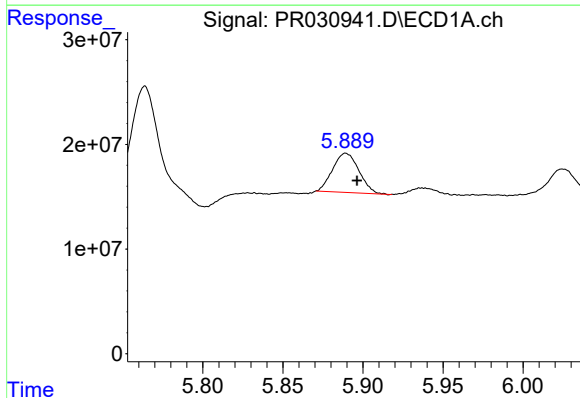
#11 AR-1232-1

R.T.: 5.764 min  
Delta R.T.: 0.028 min  
Response: 135151467  
Conc: 195.01 ng/ml



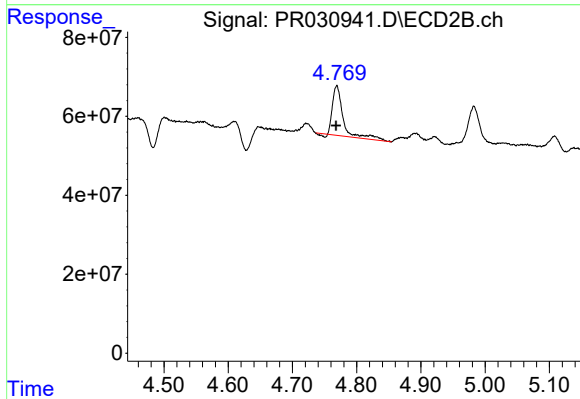
#11 AR-1232-1

R.T.: 4.535 min  
Delta R.T.: 0.001 min  
Response: 63706629  
Conc: 90.16 ng/ml



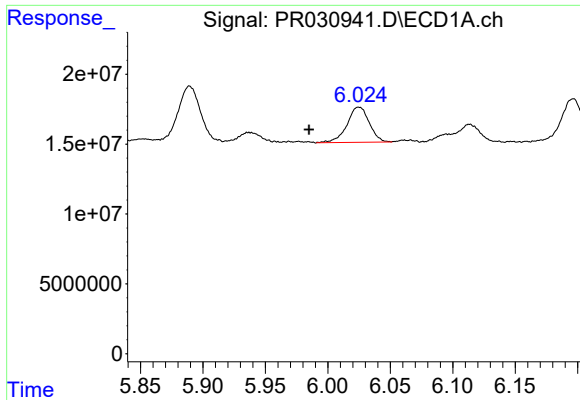
#12 AR-1232-2

R.T.: 5.889 min  
Delta R.T.: -0.007 min  
Response: 42801151  
Conc: 127.35 ng/ml



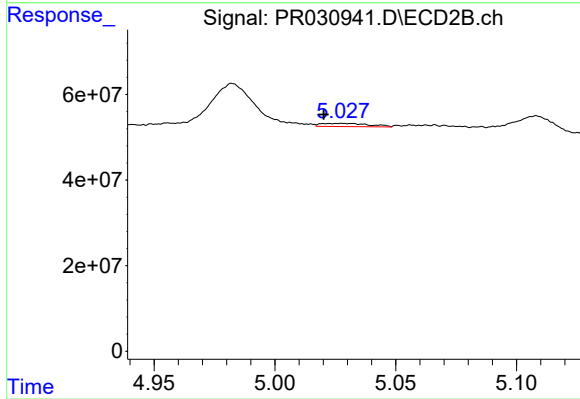
#12 AR-1232-2

R.T.: 4.769 min  
Delta R.T.: 0.001 min  
Response: 145021862  
Conc: 101.06 ng/ml



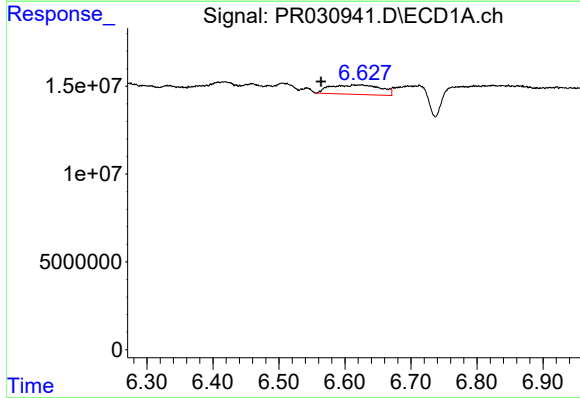
#13 AR-1232-3

R.T.: 6.025 min  
Delta R.T.: 0.040 min  
Response: 31336706  
Conc: 134.96 ng/ml



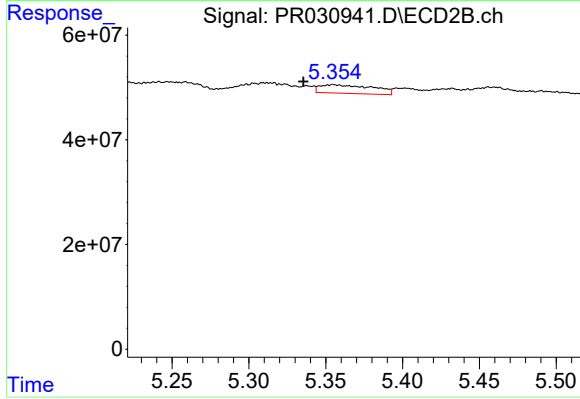
#13 AR-1232-3

R.T.: 5.028 min  
Delta R.T.: 0.007 min  
Response: 10324864  
Conc: 17.10 ng/ml



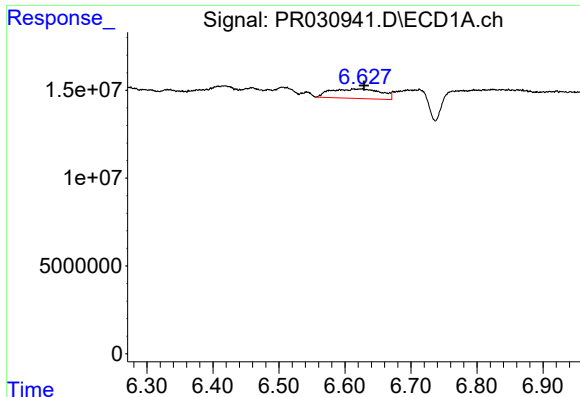
#14 AR-1232-4

R.T.: 6.614 min  
Delta R.T.: 0.051 min  
Response: 28226296  
Conc: 138.47 ng/ml



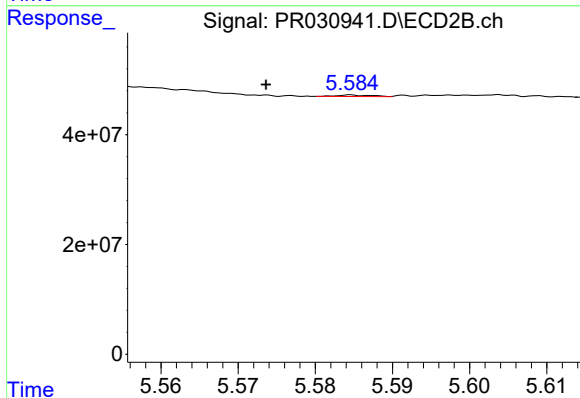
#14 AR-1232-4

R.T.: 5.355 min  
Delta R.T.: 0.019 min  
Response: 38938490  
Conc: 50.84 ng/ml



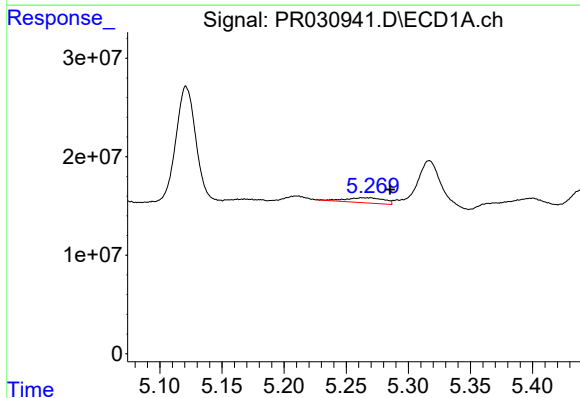
#15 AR-1232-5

R.T.: 6.614 min  
Delta R.T.: -0.015 min  
Response: 28226296  
Conc: 85.12 ng/ml



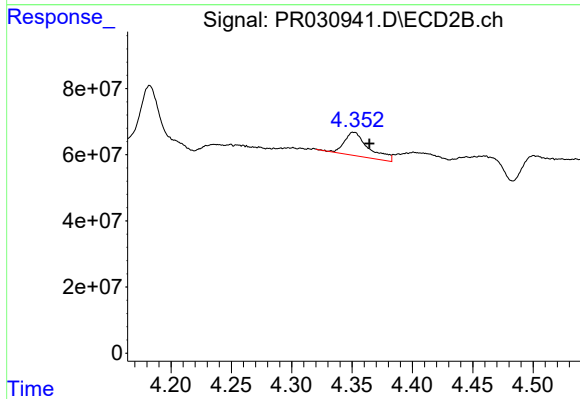
#15 AR-1232-5

R.T.: 5.585 min  
Delta R.T.: 0.012 min  
Response: 862670  
Conc: 1.03 ng/ml



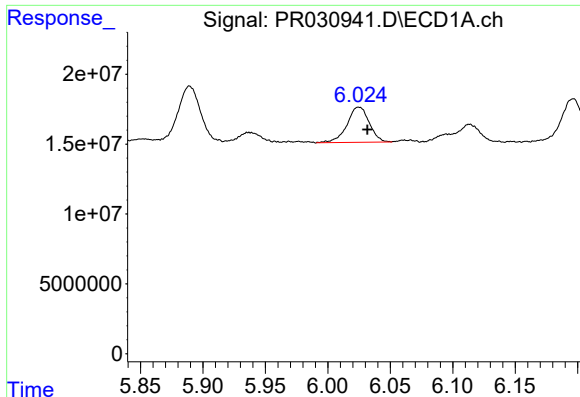
#16 AR-1242-1

R.T.: 5.266 min  
Delta R.T.: -0.019 min  
Response: 11131686  
Conc: 35.63 ng/ml



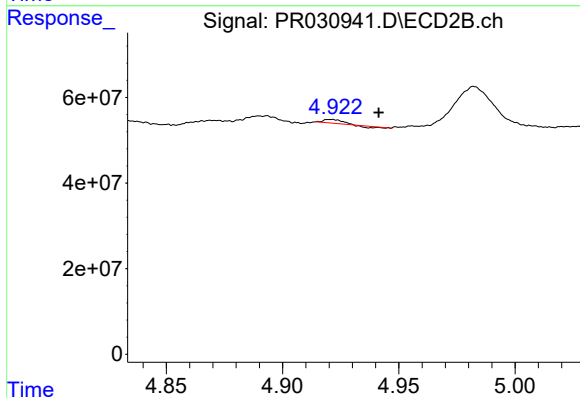
#16 AR-1242-1

R.T.: 4.351 min  
Delta R.T.: -0.013 min  
Response: 99285215  
Conc: 173.22 ng/ml



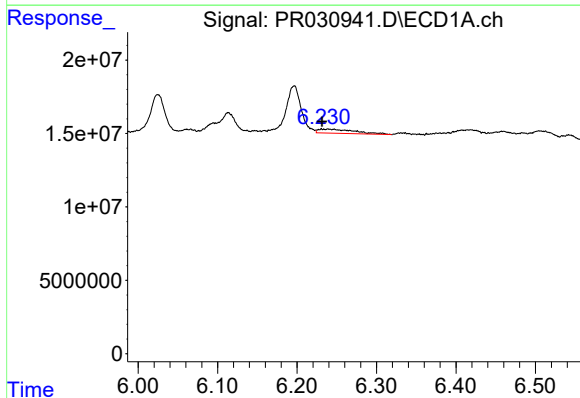
#17 AR-1242-2

R.T.: 6.025 min  
Delta R.T.: -0.007 min  
Response: 31336706  
Conc: 61.09 ng/ml



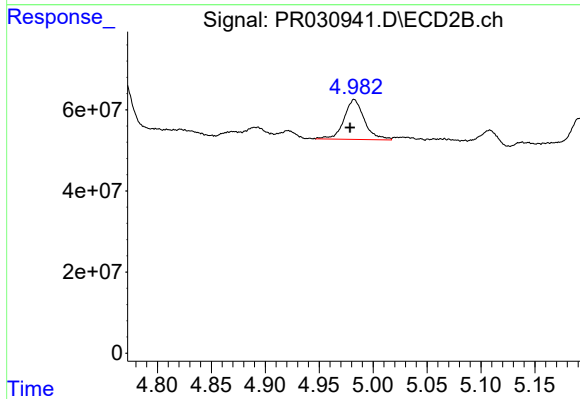
#17 AR-1242-2

R.T.: 4.921 min  
Delta R.T.: -0.020 min  
Response: 3550087  
Conc: 3.24 ng/ml



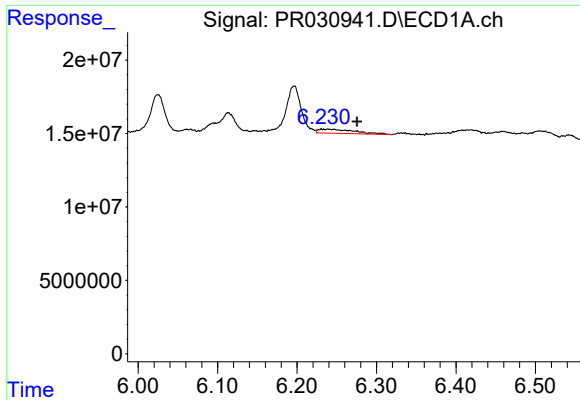
#18 AR-1242-3

R.T.: 6.239 min  
Delta R.T.: 0.007 min  
Response: 8892683  
Conc: 35.82 ng/ml



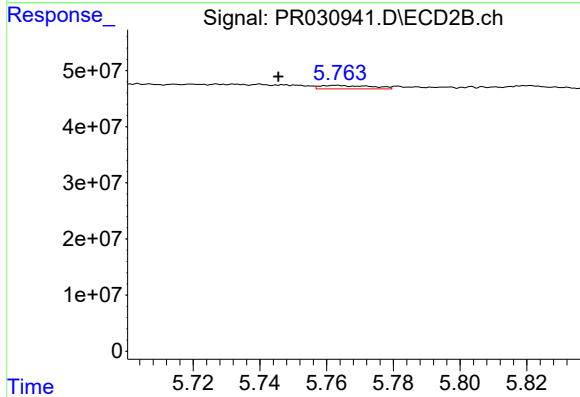
#18 AR-1242-3

R.T.: 4.983 min  
Delta R.T.: 0.004 min  
Response: 129729874  
Conc: 149.83 ng/ml



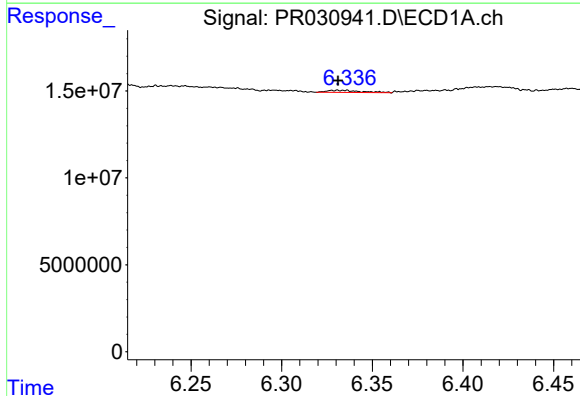
#19 AR-1242-4

R.T.: 6.239 min  
Delta R.T.: -0.037 min  
Response: 8892683  
Conc: 48.26 ng/ml



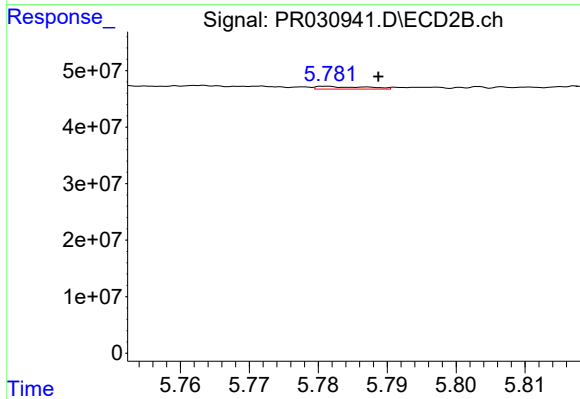
#19 AR-1242-4

R.T.: 5.763 min  
Delta R.T.: 0.018 min  
Response: 6496947  
Conc: 6.19 ng/ml



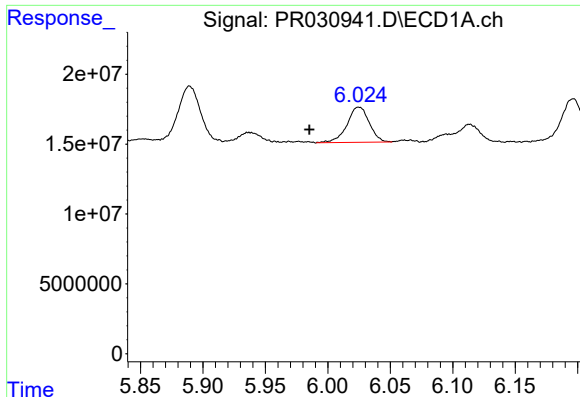
#20 AR-1242-5

R.T.: 6.332 min  
Delta R.T.: 0.000 min  
Response: 1613914  
Conc: 2.46 ng/ml



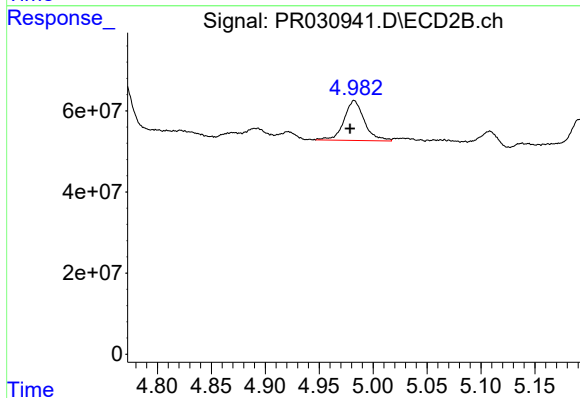
#20 AR-1242-5

R.T.: 5.781 min  
Delta R.T.: -0.008 min  
Response: 2304823  
Conc: 3.30 ng/ml



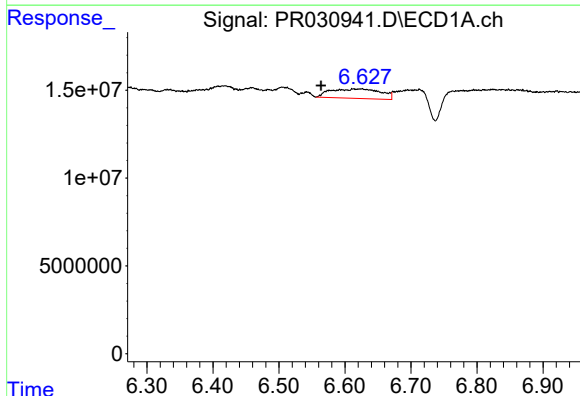
#21 AR-1248-1

R.T.: 6.025 min  
Delta R.T.: 0.040 min  
Response: 31336706  
Conc: 32.85 ng/ml



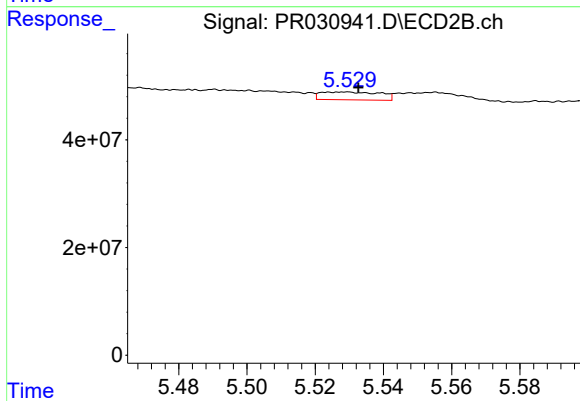
#21 AR-1248-1

R.T.: 4.983 min  
Delta R.T.: 0.004 min  
Response: 129729874  
Conc: 76.79 ng/ml



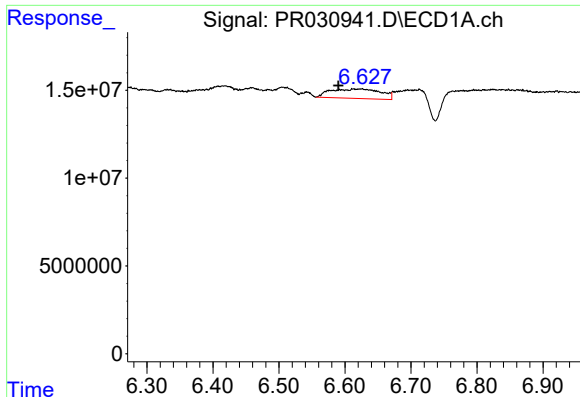
#22 AR-1248-2

R.T.: 6.614 min  
Delta R.T.: 0.050 min  
Response: 28226296  
Conc: 30.49 ng/ml



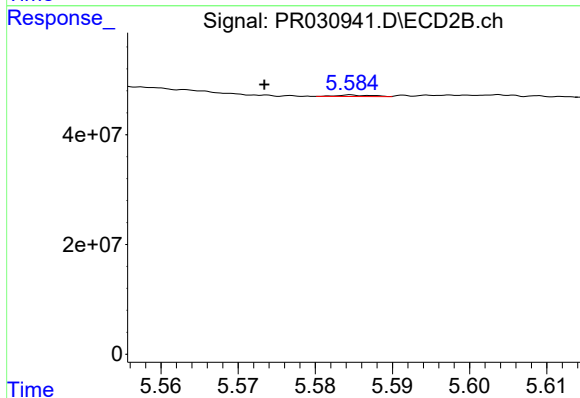
#22 AR-1248-2

R.T.: 5.529 min  
Delta R.T.: -0.004 min  
Response: 17664697  
Conc: 5.64 ng/ml



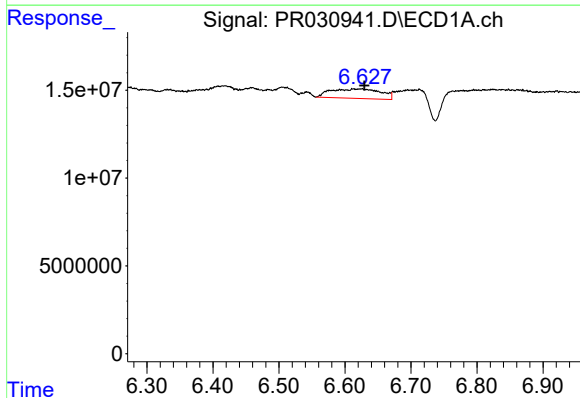
#23 AR-1248-3

R.T.: 6.614 min  
Delta R.T.: 0.024 min  
Response: 28226296  
Conc: 22.00 ng/ml



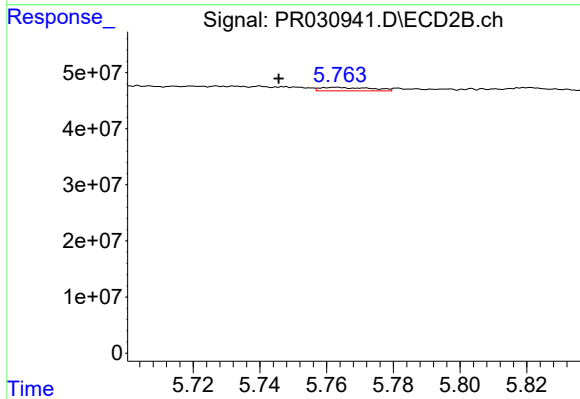
#23 AR-1248-3

R.T.: 5.585 min  
Delta R.T.: 0.012 min  
Response: 862670  
Conc: 0.39 ng/ml



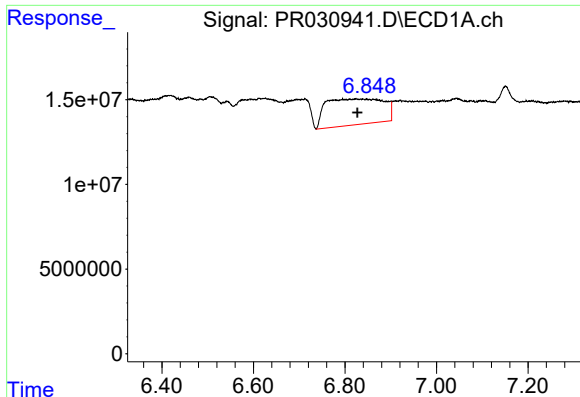
#24 AR-1248-4

R.T.: 6.614 min  
Delta R.T.: -0.015 min  
Response: 28226296  
Conc: 23.65 ng/ml



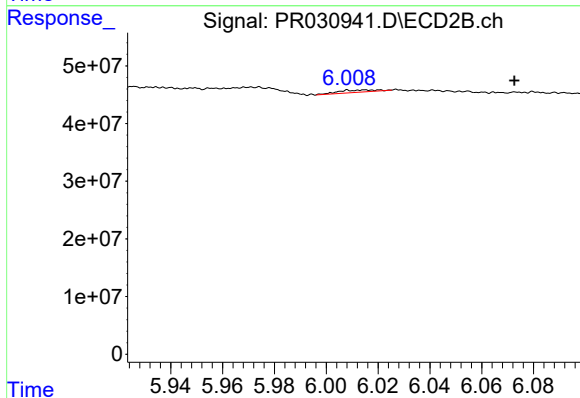
#24 AR-1248-4

R.T.: 5.763 min  
Delta R.T.: 0.017 min  
Response: 6496947  
Conc: 2.93 ng/ml



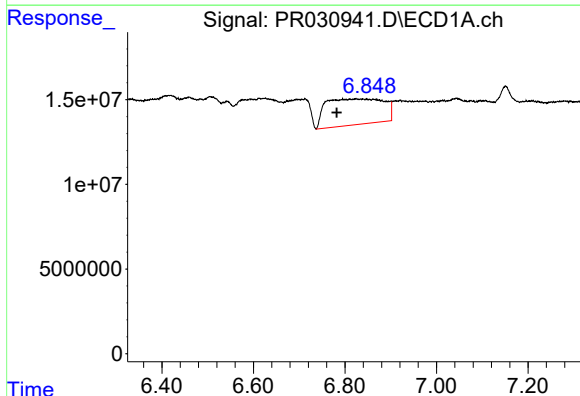
#25 AR-1248-5

R.T.: 6.824 min  
Delta R.T.: -0.003 min  
Response: 134813117  
Conc: 170.19 ng/ml



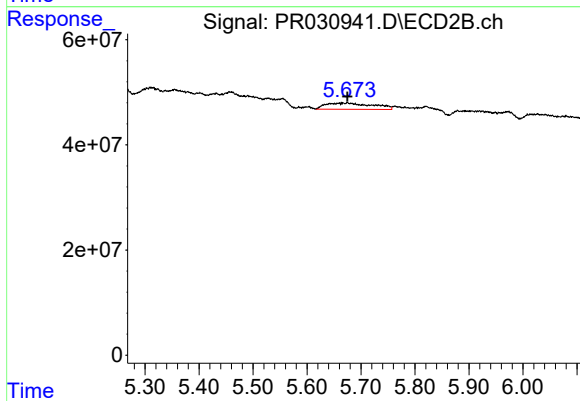
#25 AR-1248-5

R.T.: 6.015 min  
Delta R.T.: -0.057 min  
Response: 3679064  
Conc: 2.59 ng/ml



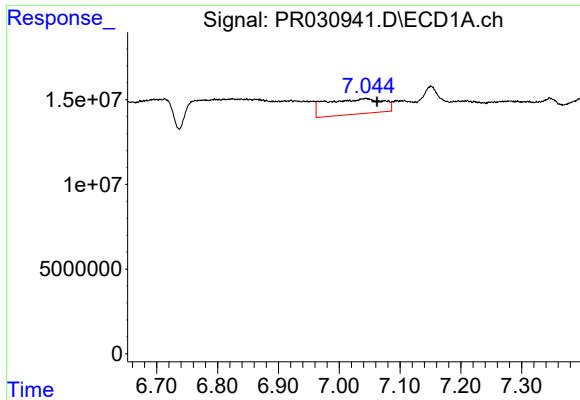
#26 AR-1254-1

R.T.: 6.824 min  
Delta R.T.: 0.042 min  
Response: 134813117  
Conc: 71.17 ng/ml



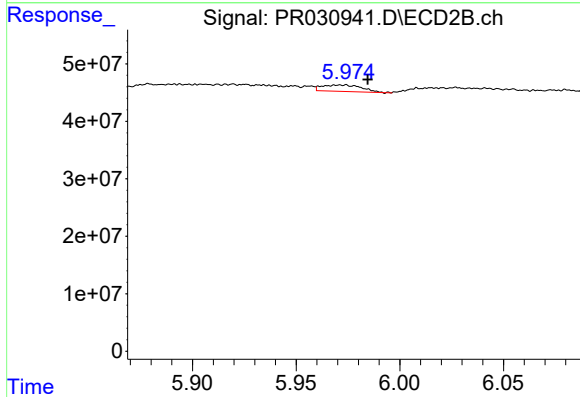
#26 AR-1254-1

R.T.: 5.675 min  
Delta R.T.: 0.000 min  
Response: 72092628  
Conc: 25.63 ng/ml



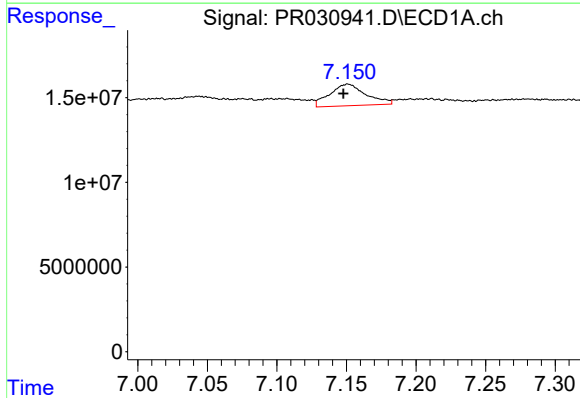
#27 AR-1254-2

R.T.: 7.044 min  
Delta R.T.: -0.018 min  
Response: 59484260  
Conc: 52.90 ng/ml



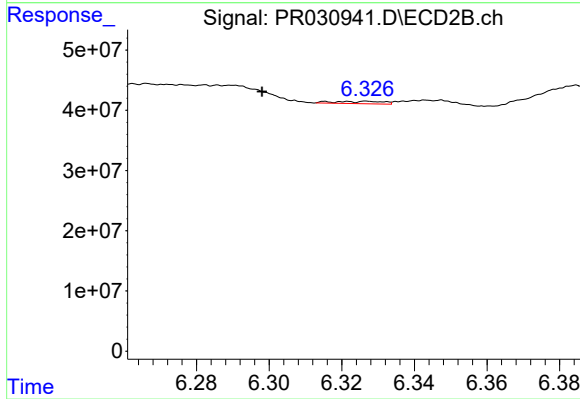
#27 AR-1254-2

R.T.: 5.972 min  
Delta R.T.: -0.013 min  
Response: 14878596  
Conc: 6.65 ng/ml



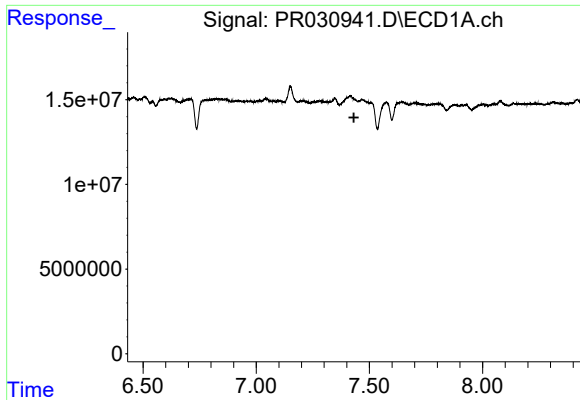
#28 AR-1254-3

R.T.: 7.151 min  
Delta R.T.: 0.003 min  
Response: 23173534  
Conc: 11.62 ng/ml



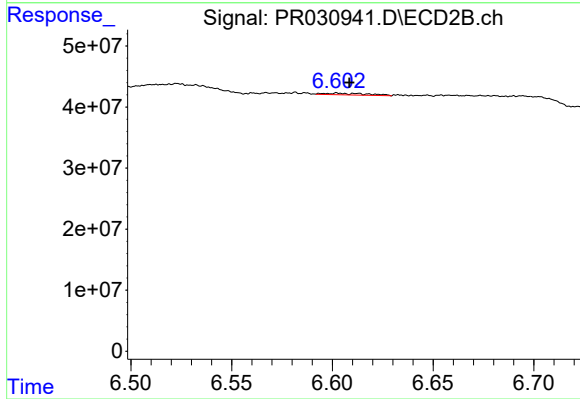
#28 AR-1254-3

R.T.: 6.327 min  
Delta R.T.: 0.029 min  
Response: 3717576  
Conc: 1.16 ng/ml



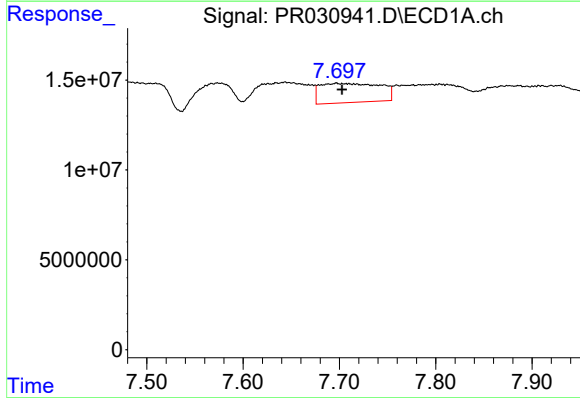
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 7.431 min  
Response: 0  
Conc: N.D.



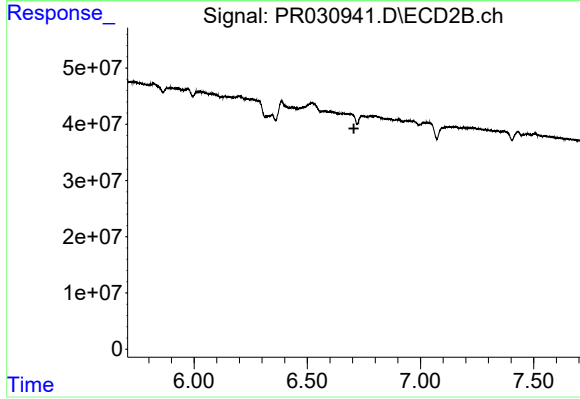
#29 AR-1254-4

R.T.: 6.603 min  
Delta R.T.: -0.006 min  
Response: 4089504  
Conc: 2.54 ng/ml



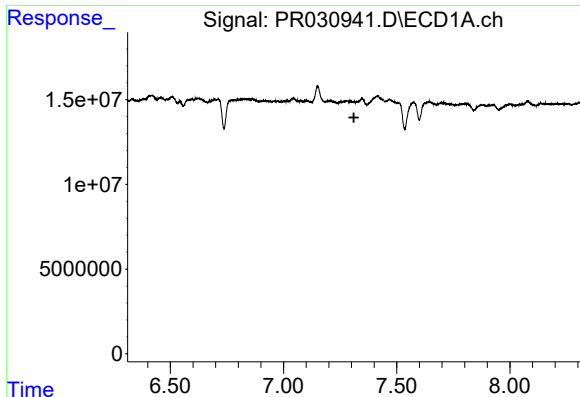
#30 AR-1254-5

R.T.: 7.698 min  
Delta R.T.: -0.005 min  
Response: 46617313  
Conc: 39.77 ng/ml



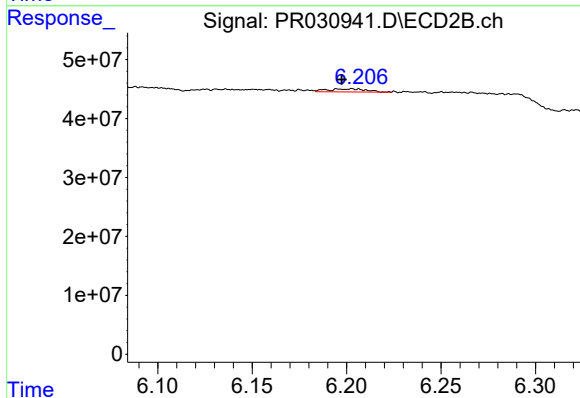
#30 AR-1254-5

R.T.: 6.739 min  
Delta R.T.: 0.033 min  
Response: -9232643  
Conc: N.D.



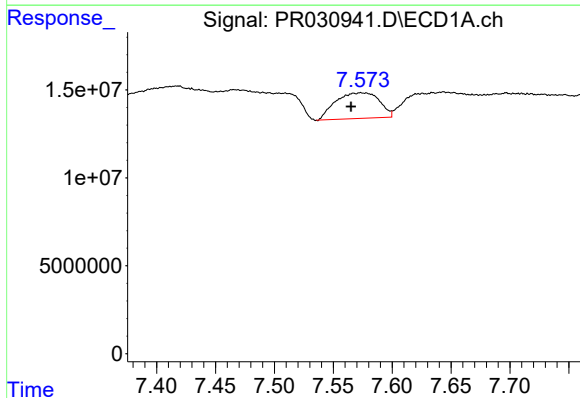
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 7.311 min  
Response: 0  
Conc: N.D.



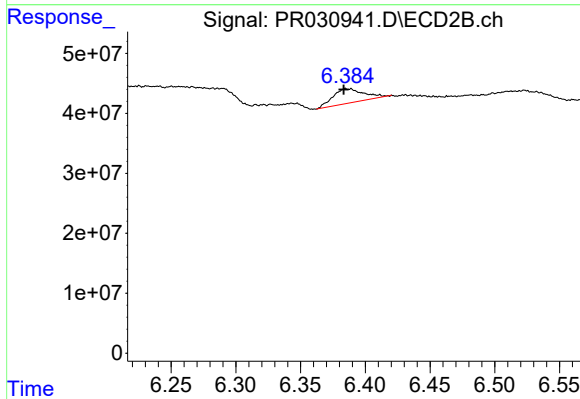
#31 AR-1260-1

R.T.: 6.203 min  
Delta R.T.: 0.005 min  
Response: 7223507  
Conc: 3.03 ng/ml



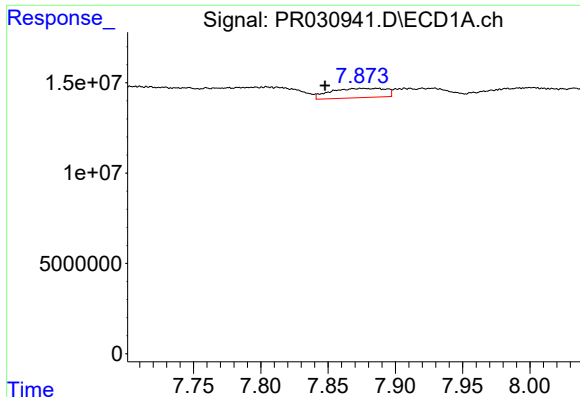
#32 AR-1260-2

R.T.: 7.574 min  
Delta R.T.: 0.009 min  
Response: 37567245  
Conc: 19.92 ng/ml



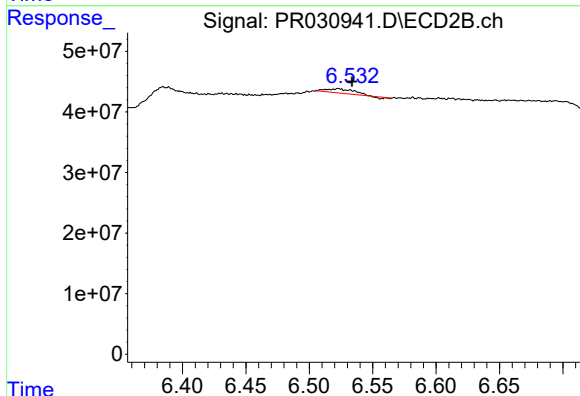
#32 AR-1260-2

R.T.: 6.385 min  
Delta R.T.: 0.001 min  
Response: 39138987  
Conc: 13.80 ng/ml



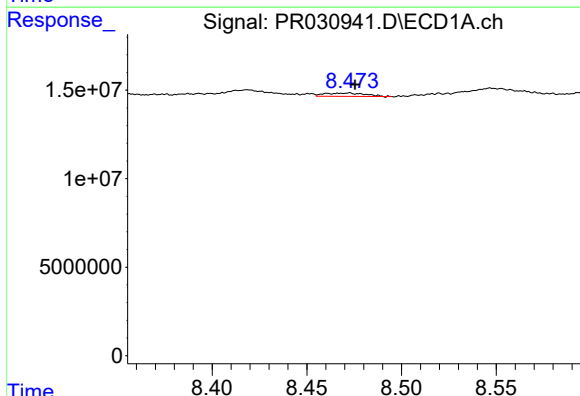
#33 AR-1260-3

R.T.: 7.876 min  
Delta R.T.: 0.028 min  
Response: 14622320  
Conc: 7.37 ng/ml



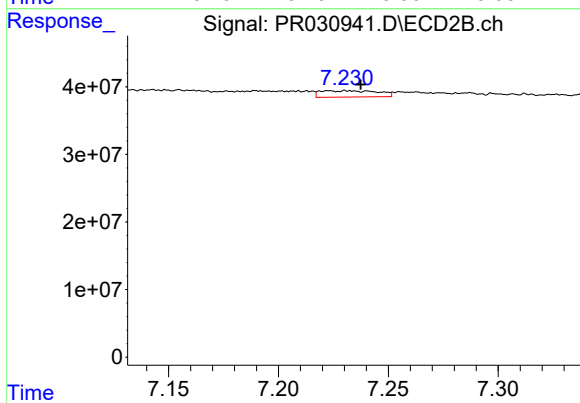
#33 AR-1260-3

R.T.: 6.523 min  
Delta R.T.: -0.011 min  
Response: 8916832  
Conc: 3.91 ng/ml



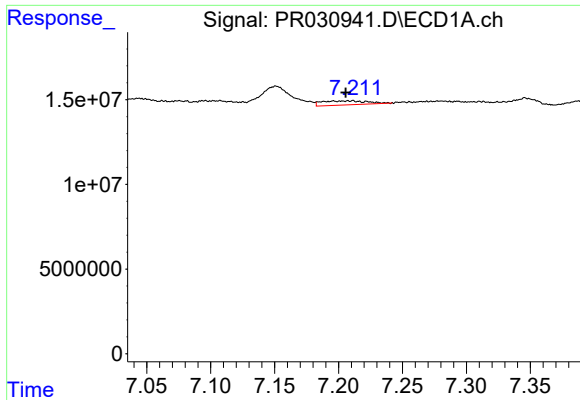
#35 AR-1260-5

R.T.: 8.471 min  
Delta R.T.: -0.005 min  
Response: 2814558  
Conc: 0.83 ng/ml



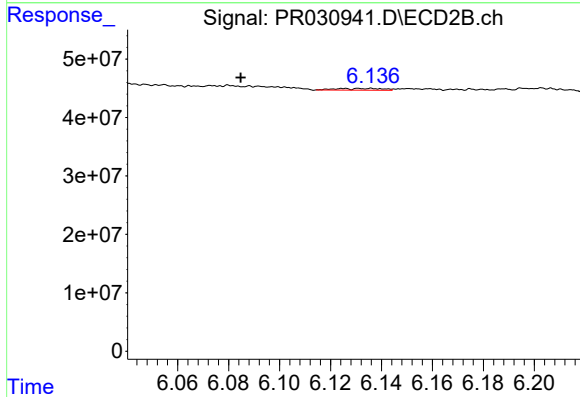
#35 AR-1260-5

R.T.: 7.223 min  
Delta R.T.: -0.014 min  
Response: 17039752  
Conc: 5.84 ng/ml



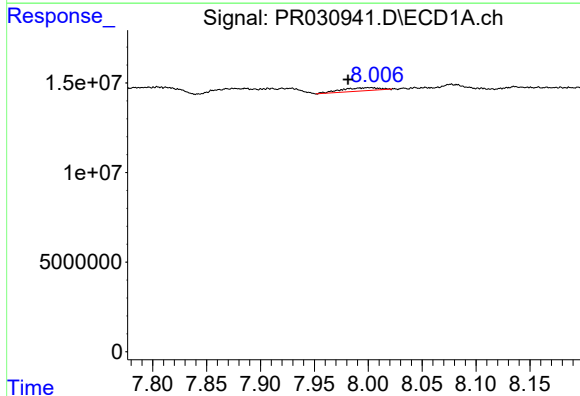
#36 AR-1262-1

R.T.: 7.210 min  
Delta R.T.: 0.004 min  
Response: 6026574  
Conc: 5.77 ng/ml



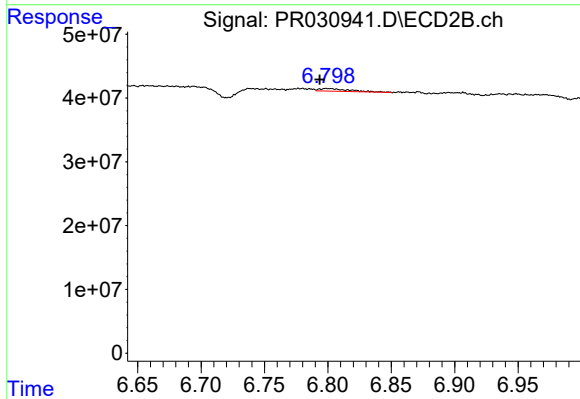
#36 AR-1262-1

R.T.: 6.136 min  
Delta R.T.: 0.051 min  
Response: 3733190  
Conc: 1.90 ng/ml



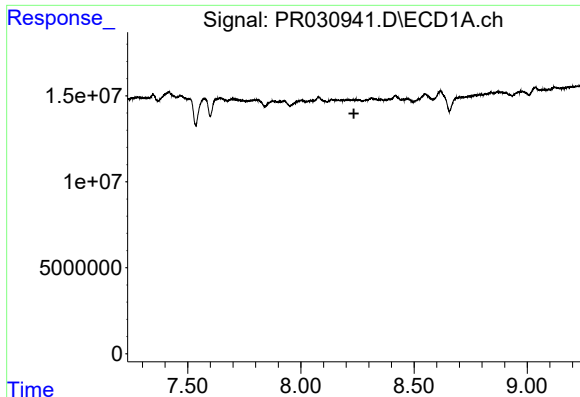
#37 AR-1262-2

R.T.: 8.001 min  
Delta R.T.: 0.020 min  
Response: 3933404  
Conc: 3.68 ng/ml



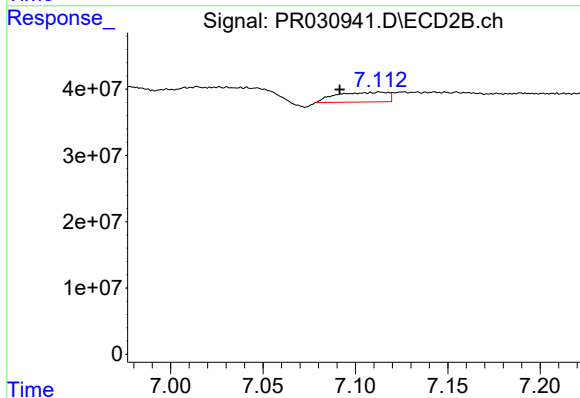
#37 AR-1262-2

R.T.: 6.799 min  
Delta R.T.: 0.005 min  
Response: 6859776  
Conc: 4.44 ng/ml



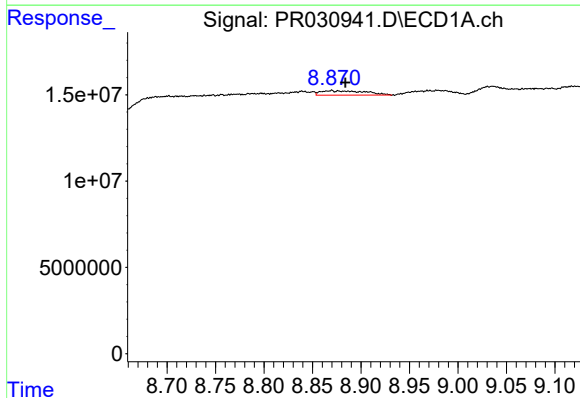
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 8.234 min  
Response: 0  
Conc: N.D.



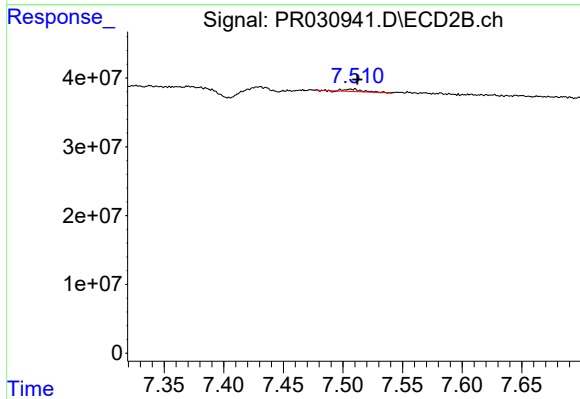
#38 AR-1262-3

R.T.: 7.113 min  
Delta R.T.: 0.022 min  
Response: 28354532  
Conc: 21.59 ng/ml



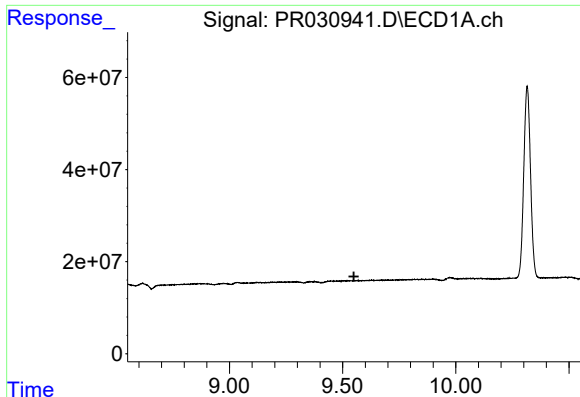
#39 AR-1262-4

R.T.: 8.869 min  
Delta R.T.: -0.015 min  
Response: 8065165  
Conc: 3.27 ng/ml



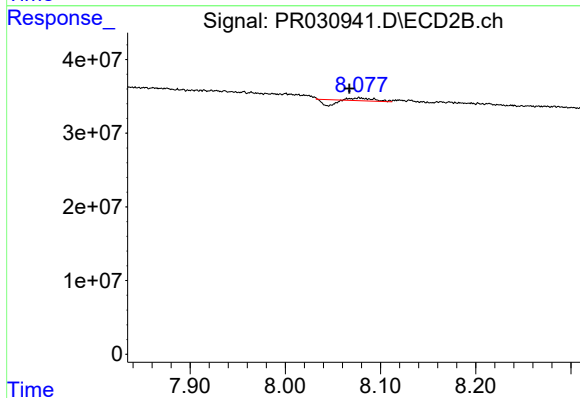
#39 AR-1262-4

R.T.: 7.507 min  
Delta R.T.: -0.006 min  
Response: 3519824  
Conc: 2.03 ng/ml



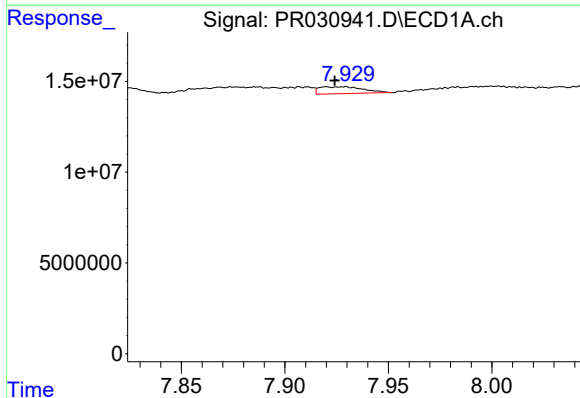
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.550 min  
Response: 0  
Conc: N.D.



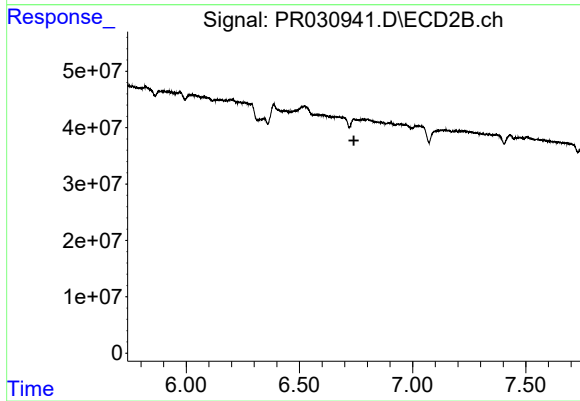
#40 AR-1262-5

R.T.: 8.078 min  
Delta R.T.: 0.010 min  
Response: 1147846  
Conc: 0.92 ng/ml



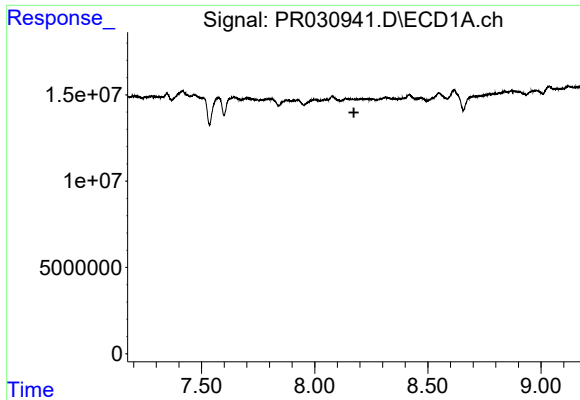
#41 AR-1268-1

R.T.: 7.926 min  
Delta R.T.: 0.002 min  
Response: 5595276  
Conc: 5.09 ng/ml



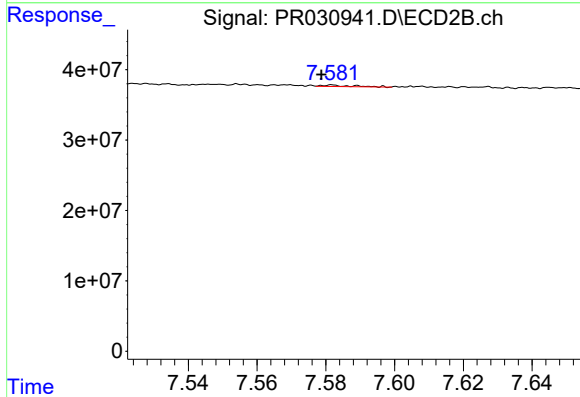
#41 AR-1268-1

R.T.: 6.739 min  
Delta R.T.: -0.002 min  
Response: -9232643  
Conc: N.D.



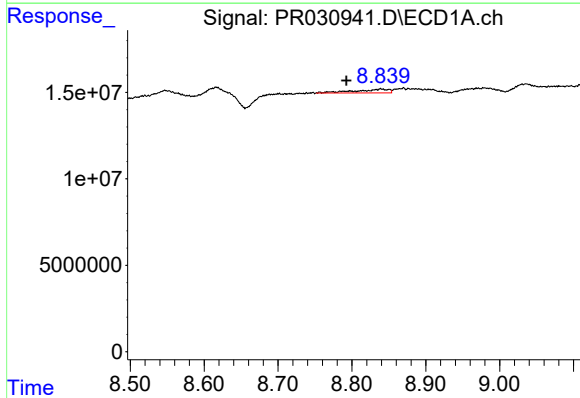
#42 AR-1268-2

R.T.: 8.137 min  
Delta R.T.: -0.037 min  
Response: -880732  
Conc: N.D.



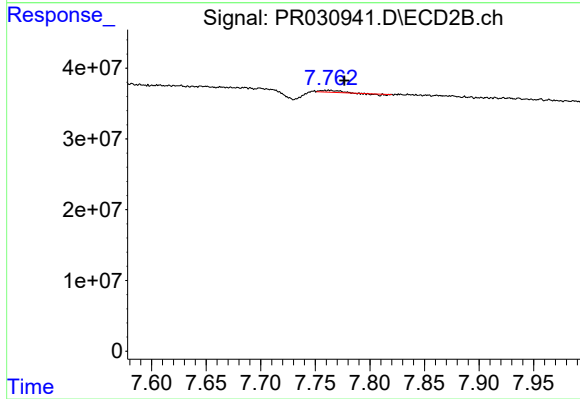
#42 AR-1268-2

R.T.: 7.582 min  
Delta R.T.: 0.003 min  
Response: 1230745  
Conc: 0.30 ng/ml



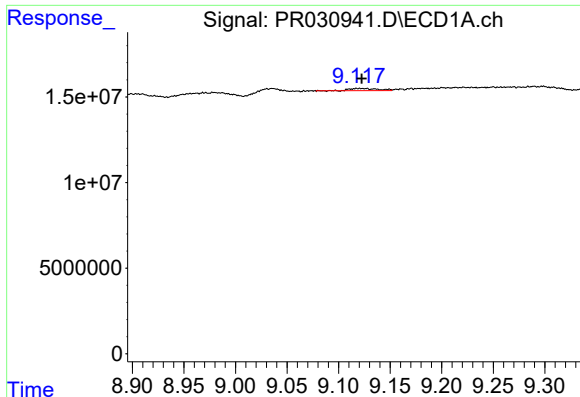
#43 AR-1268-3

R.T.: 8.839 min  
Delta R.T.: 0.047 min  
Response: 6745497  
Conc: 1.08 ng/ml



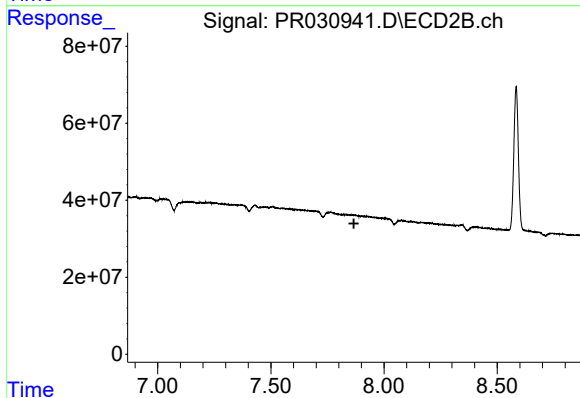
#43 AR-1268-3

R.T.: 7.763 min  
Delta R.T.: -0.013 min  
Response: 1522209  
Conc: 0.46 ng/ml



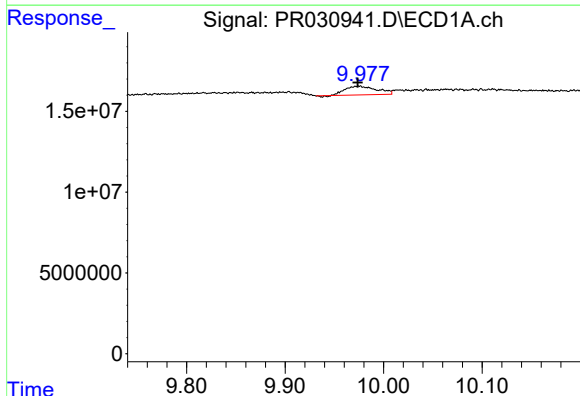
#44 AR-1268-4

R.T.: 9.121 min  
Delta R.T.: -0.001 min  
Response: 2561240  
Conc: 0.51 ng/ml



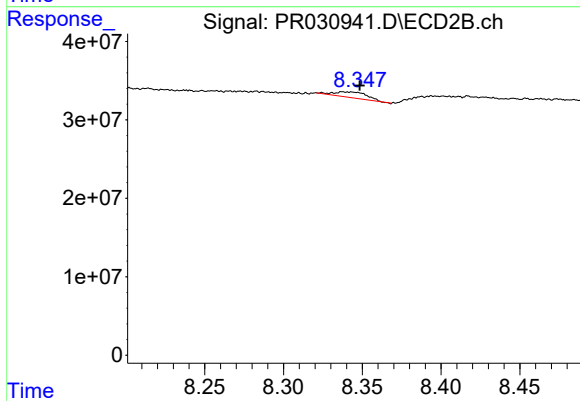
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 7.867 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.974 min  
Delta R.T.: 0.000 min  
Response: 11917241  
Conc: 0.84 ng/ml



#45 AR-1268-5

R.T.: 8.338 min  
Delta R.T.: -0.010 min  
Response: 10405899  
Conc: 1.27 ng/ml