

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR073018\  
 Data File : PR030945.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jul 2018 16:29  
 Operator : SM\MA  
 Sample : J4149-15  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 31 01:53:35 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... | 4.556  | 3.693  | 623.6E6  | 856.3E6  | 21.632 | 20.140   |
| 2)                          | SA Decachlor... | 10.316 | 8.584  | 1066.4E6 | 644.6E6  | 36.703 | 36.453   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.304f | 4.372  | 2778732  | 1976355  | 4.163  | 1.773 #  |
| 4)                          | L1 AR-1016-2    | 5.426  | 4.760  | 2096662  | 1550131  | 3.170  | 1.013 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.760  | 0        | 1550131  | N.D.   | 0.585 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.760f | 0        | 1550131  | N.D.   | 0.991 #  |
| 7)                          | L1 AR-1016-5    | 6.236f | 5.174  | 2642160  | 4774448  | 3.905  | 3.530    |
| 8)                          | L2 AR-1221-1    | 4.763  | 0.000  | 15949145 | 0        | 37.570 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.861  | 3.987  | 2909283  | 10067830 | 10.895 | 23.331 # |
| 10)                         | L2 AR-1221-3    | 4.861f | 4.116f | 2909283  | 2117138  | 3.020  | 1.376 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.550  | 0        | 3631204  | N.D.   | 5.139 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.760  | 0        | 1550131  | N.D.   | 1.080 #  |
| 13)                         | L3 AR-1232-3    | 6.012  | 5.013  | 1529368  | 5650106  | 6.587  | 9.355 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.314  | 0        | 2754894  | N.D.   | 3.597 #  |
| 15)                         | L3 AR-1232-5    | 6.647  | 5.570  | 16902616 | 5328924  | 50.972 | 6.365 #  |
| 16)                         | L4 AR-1242-1    | 5.304  | 4.372  | 2778732  | 1976355  | 8.894  | 3.448 #  |
| 17)                         | L4 AR-1242-2    | 6.012  | 4.958  | 1529368  | 1974763  | 2.981  | 1.801 #  |
| 18)                         | L4 AR-1242-3    | 6.236  | 4.979  | 2642160  | 6581461  | 10.644 | 7.601 #  |
| 19)                         | L4 AR-1242-4    | 6.236f | 5.761  | 2642160  | 3339977  | 14.339 | 3.181 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.761  | 0        | 3339977  | N.D.   | 4.781 #  |
| 21)                         | L5 AR-1248-1    | 6.012  | 4.979  | 1529368  | 6581461  | 1.603  | 3.895 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.570f | 0        | 5328924  | N.D.   | 1.700 #  |
| 23)                         | L5 AR-1248-3    | 6.647f | 5.570  | 16902616 | 5328924  | 13.176 | 2.387 #  |
| 24)                         | L5 AR-1248-4    | 6.647  | 5.761  | 16902616 | 3339977  | 14.159 | 1.505 #  |
| 25)                         | L5 AR-1248-5    | 6.828  | 0.000  | 35340428 | 0        | 44.615 | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.828f | 5.648  | 35340428 | 6997358  | 18.656 | 2.488 #  |
| 27)                         | L6 AR-1254-2    | 7.050  | 5.976  | 16143631 | 6082214  | 14.356 | 2.720 #  |
| 28)                         | L6 AR-1254-3    | 7.151  | 6.296  | 12997765 | 3440265  | 6.516  | 1.077 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.647f | 0        | 1291451  | N.D.   | 0.803 #  |
| 30)                         | L6 AR-1254-5    | 7.708  | 6.704  | 7162958  | 4045234  | 6.112  | 1.357 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.196  | 0        | 6257408  | N.D.   | 2.623 #  |
| 32)                         | L7 AR-1260-2    | 7.574  | 6.388  | 10087009 | 6337867  | 5.349  | 2.234 #  |
| 33)                         | L7 AR-1260-3    | 7.867  | 0.000  | 5475996  | 0        | 2.760  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.473  | 7.232  | 1812395  | 17666258 | 0.536  | 6.056 #  |
| 36)                         | L8 AR-1262-1    | 7.217  | 0.000  | 4680396  | 0        | 4.484  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 7.985  | 6.781  | 1687504  | 6044267  | 1.581  | 3.913 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.138f | 0        | 14371728 | N.D.   | 10.941 # |
| 41)                         | L9 AR-1268-1    | 7.867f | 6.741  | 5475996  | 2515477  | 4.984  | 1.590 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.618f | 0        | 4290357  | N.D.   | 1.055 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.767  | 0        | 2951753  | N.D.   | 0.891 #  |
| 44)                         | L9 AR-1268-4    | 9.121  | 7.804f | 3713670  | 803804   | 0.746  | 0.897    |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR073018\  
Data File : PR030945.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2018 16:29  
Operator : SM\MA  
Sample : J4149-15  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

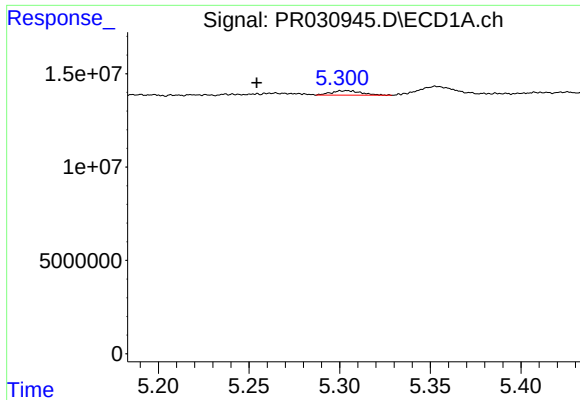
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 31 01:53:35 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR072718CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jul 27 23:47:01 2018  
Response via : Initial Calibration  
Integrator: 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 | 9.973 | 8.342 | 8866483 | 6350897 | 0.627 | 0.772 |

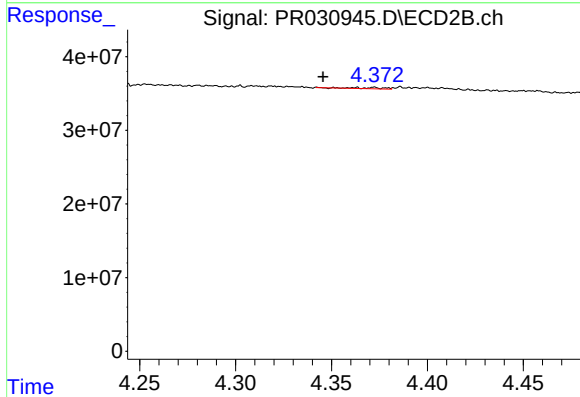
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.





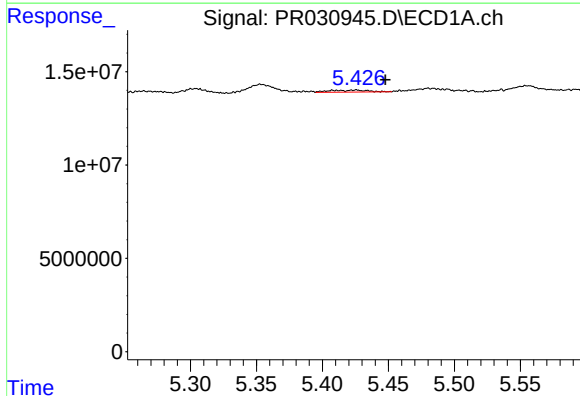
#3 AR-1016-1

R.T.: 5.304 min  
Delta R.T.: 0.050 min  
Response: 2778732  
Conc: 4.16 ng/ml



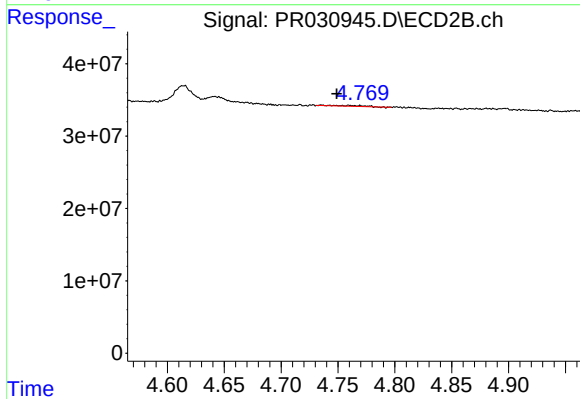
#3 AR-1016-1

R.T.: 4.372 min  
Delta R.T.: 0.027 min  
Response: 1976355  
Conc: 1.77 ng/ml



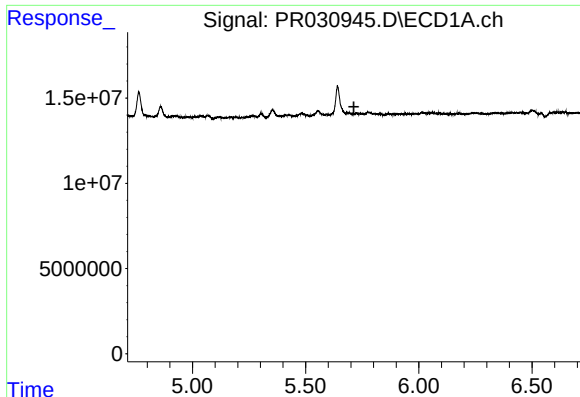
#4 AR-1016-2

R.T.: 5.426 min  
Delta R.T.: -0.022 min  
Response: 2096662  
Conc: 3.17 ng/ml



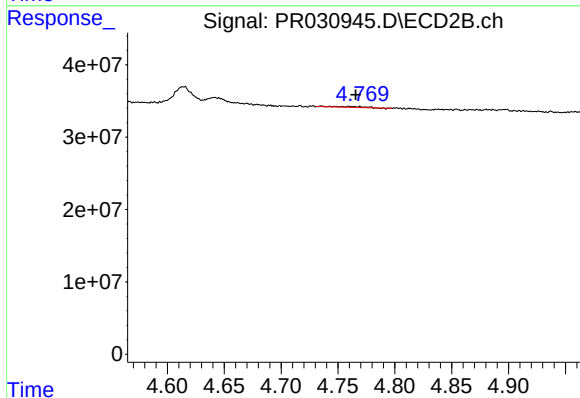
#4 AR-1016-2

R.T.: 4.760 min  
Delta R.T.: 0.011 min  
Response: 1550131  
Conc: 1.01 ng/ml



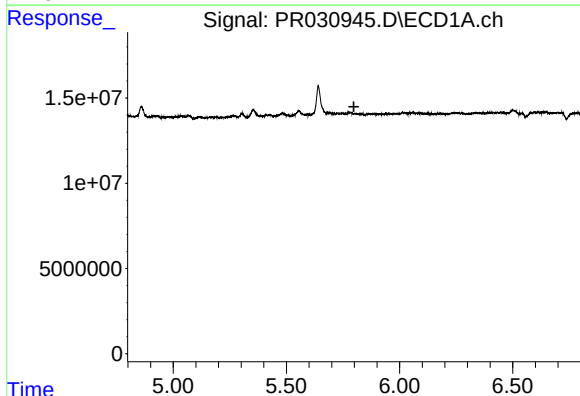
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.713 min  
Response: 0  
Conc: N.D.



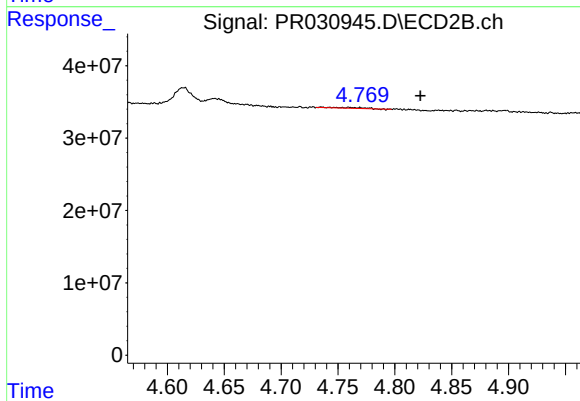
#5 AR-1016-3

R.T.: 4.760 min  
Delta R.T.: -0.006 min  
Response: 1550131  
Conc: 0.58 ng/ml



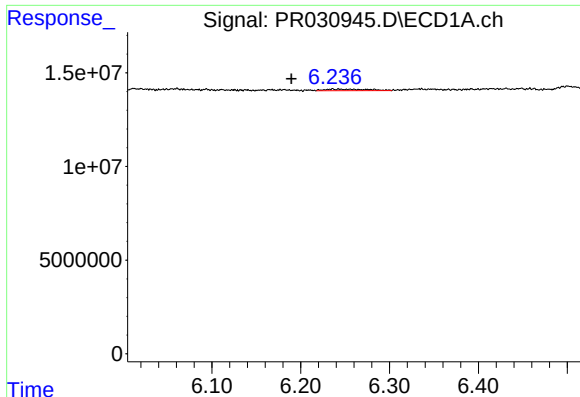
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.798 min  
Response: 0  
Conc: N.D.



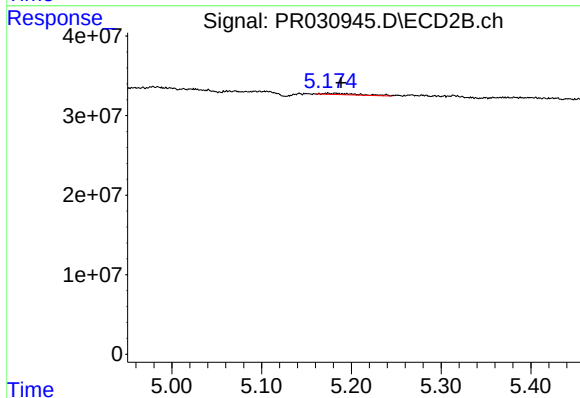
#6 AR-1016-4

R.T.: 4.760 min  
Delta R.T.: -0.063 min  
Response: 1550131  
Conc: 0.99 ng/ml



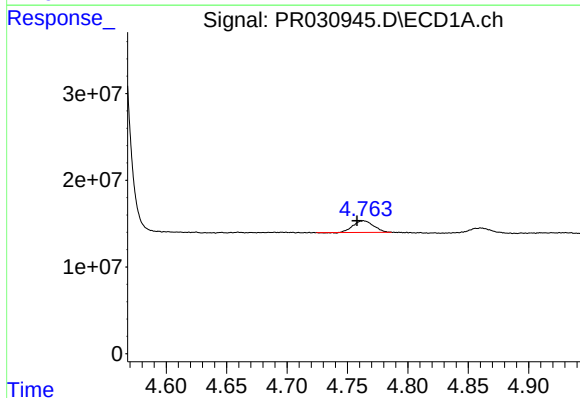
#7 AR-1016-5

R.T.: 6.236 min  
Delta R.T.: 0.046 min  
Response: 2642160  
Conc: 3.90 ng/ml



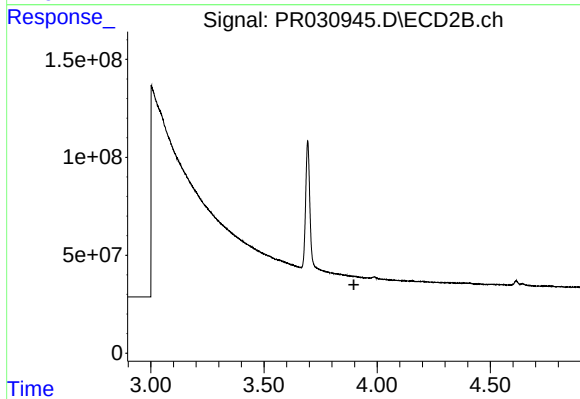
#7 AR-1016-5

R.T.: 5.174 min  
Delta R.T.: -0.014 min  
Response: 4774448  
Conc: 3.53 ng/ml



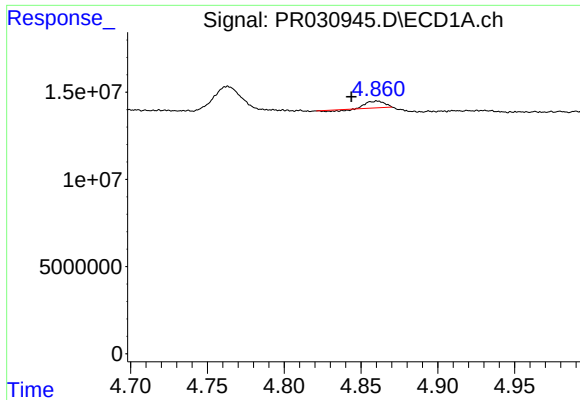
#8 AR-1221-1

R.T.: 4.763 min  
Delta R.T.: 0.005 min  
Response: 15949145  
Conc: 37.57 ng/ml



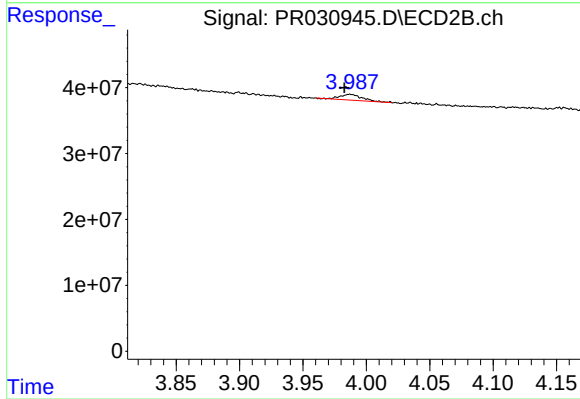
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 3.897 min  
Response: 0  
Conc: N.D.



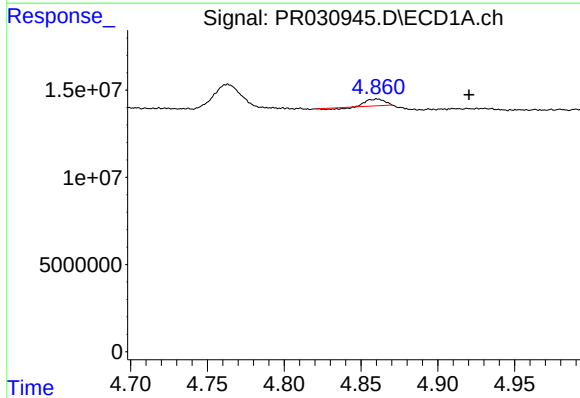
#9 AR-1221-2

R.T.: 4.861 min  
Delta R.T.: 0.017 min  
Response: 2909283  
Conc: 10.90 ng/ml



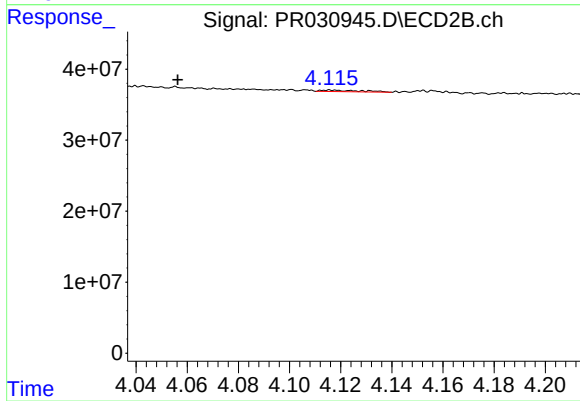
#9 AR-1221-2

R.T.: 3.987 min  
Delta R.T.: 0.005 min  
Response: 10067830  
Conc: 23.33 ng/ml



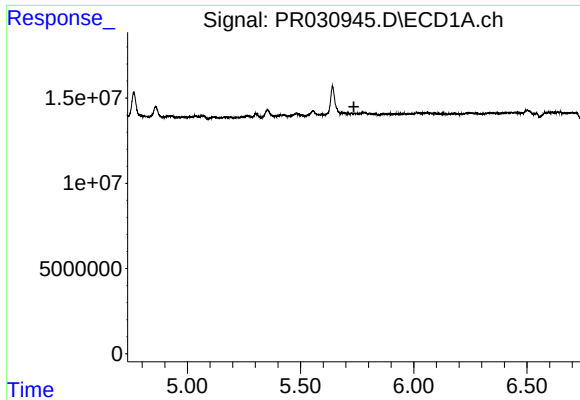
#10 AR-1221-3

R.T.: 4.861 min  
Delta R.T.: -0.060 min  
Response: 2909283  
Conc: 3.02 ng/ml



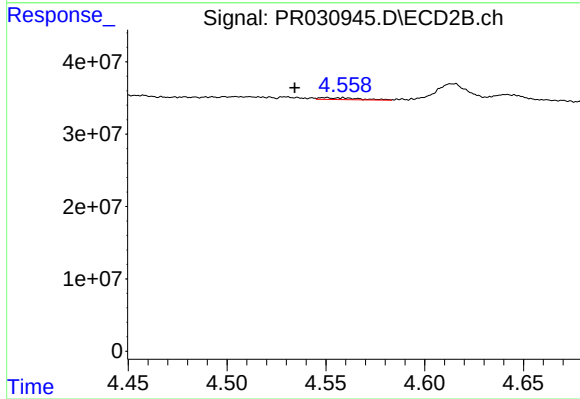
#10 AR-1221-3

R.T.: 4.116 min  
Delta R.T.: 0.060 min  
Response: 2117138  
Conc: 1.38 ng/ml



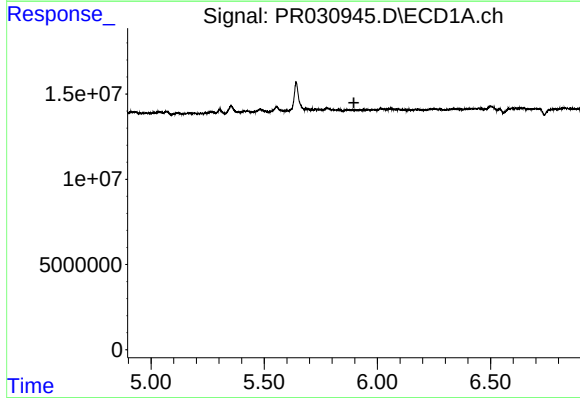
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 5.735 min  
Response: 0  
Conc: N.D.



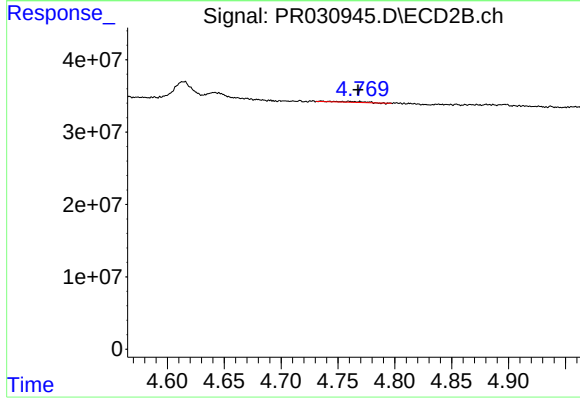
#11 AR-1232-1

R.T.: 4.550 min  
Delta R.T.: 0.016 min  
Response: 3631204  
Conc: 5.14 ng/ml



#12 AR-1232-2

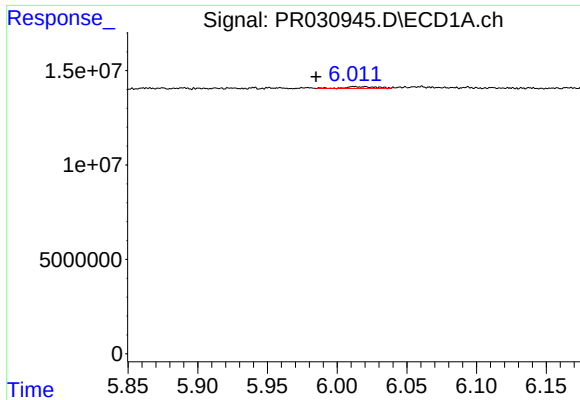
R.T.: 0.000 min  
Exp R.T. : 5.896 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

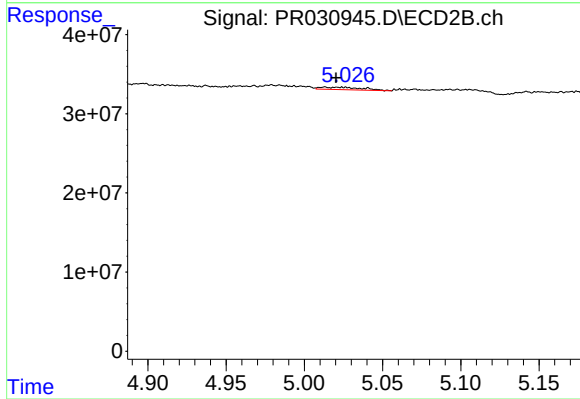
R.T.: 4.760 min  
Delta R.T.: -0.008 min  
Response: 1550131  
Conc: 1.08 ng/ml





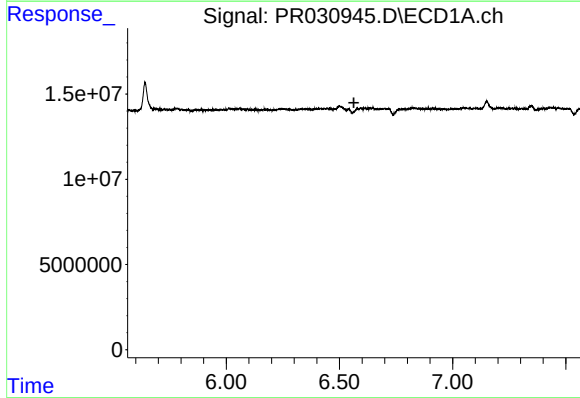
#13 AR-1232-3

R.T.: 6.012 min  
Delta R.T.: 0.027 min  
Response: 1529368  
Conc: 6.59 ng/ml



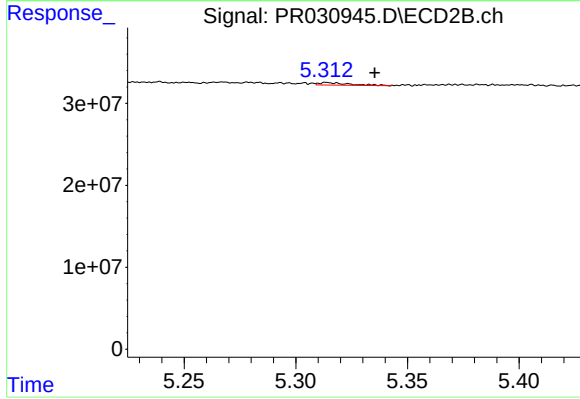
#13 AR-1232-3

R.T.: 5.013 min  
Delta R.T.: -0.007 min  
Response: 5650106  
Conc: 9.36 ng/ml



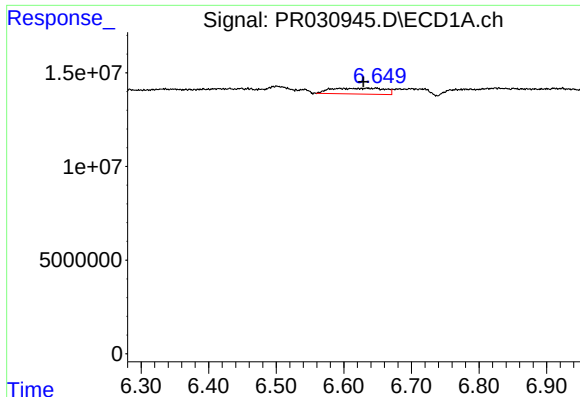
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 6.564 min  
Response: 0  
Conc: N.D.



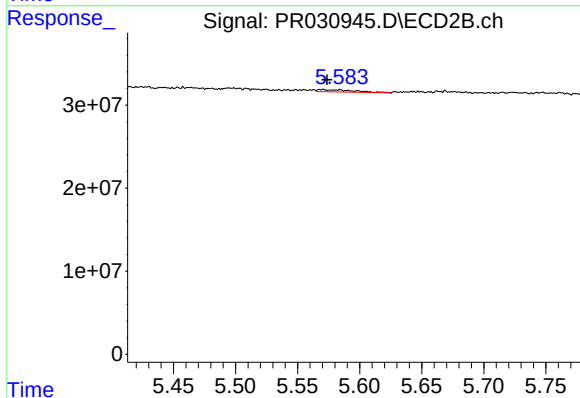
#14 AR-1232-4

R.T.: 5.314 min  
Delta R.T.: -0.021 min  
Response: 2754894  
Conc: 3.60 ng/ml



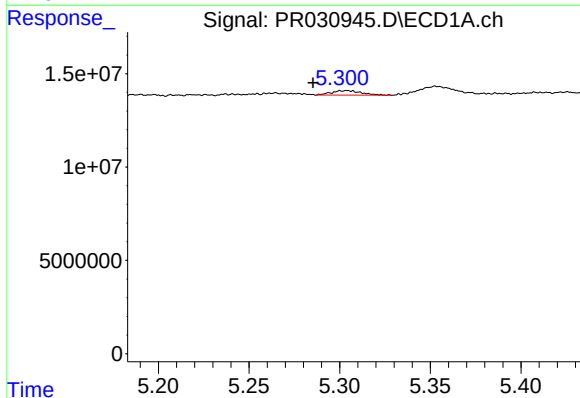
#15 AR-1232-5

R.T.: 6.647 min  
Delta R.T.: 0.018 min  
Response: 16902616  
Conc: 50.97 ng/ml



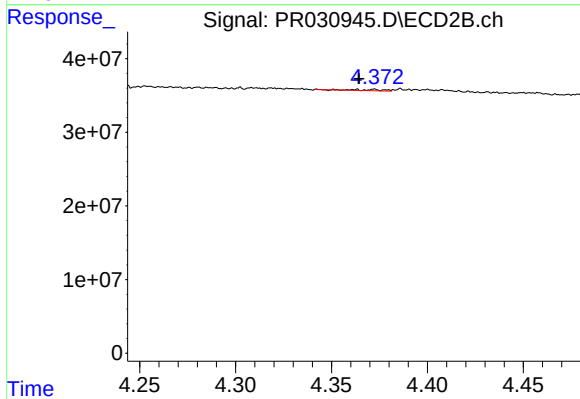
#15 AR-1232-5

R.T.: 5.570 min  
Delta R.T.: -0.004 min  
Response: 5328924  
Conc: 6.36 ng/ml



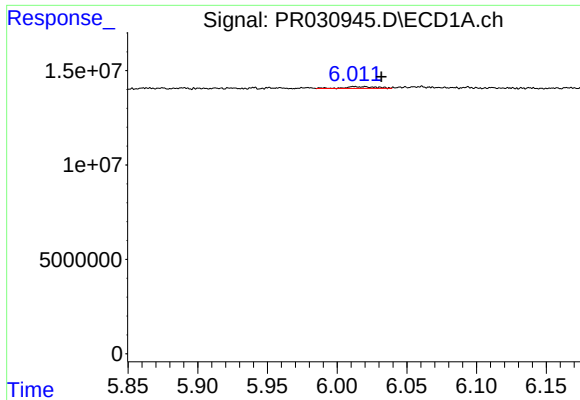
#16 AR-1242-1

R.T.: 5.304 min  
Delta R.T.: 0.019 min  
Response: 2778732  
Conc: 8.89 ng/ml



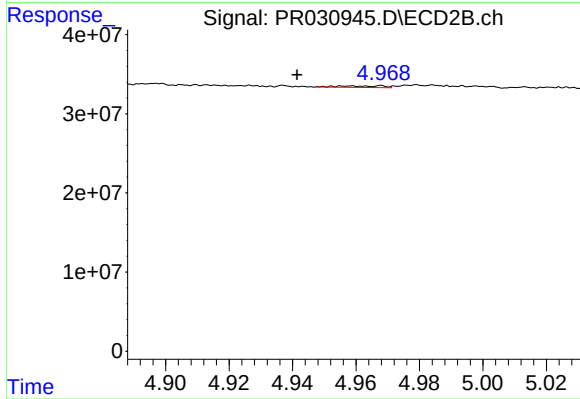
#16 AR-1242-1

R.T.: 4.372 min  
Delta R.T.: 0.008 min  
Response: 1976355  
Conc: 3.45 ng/ml



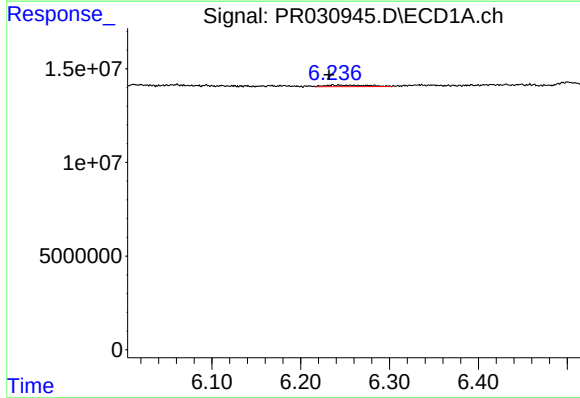
#17 AR-1242-2

R.T.: 6.012 min  
Delta R.T.: -0.020 min  
Response: 1529368  
Conc: 2.98 ng/ml



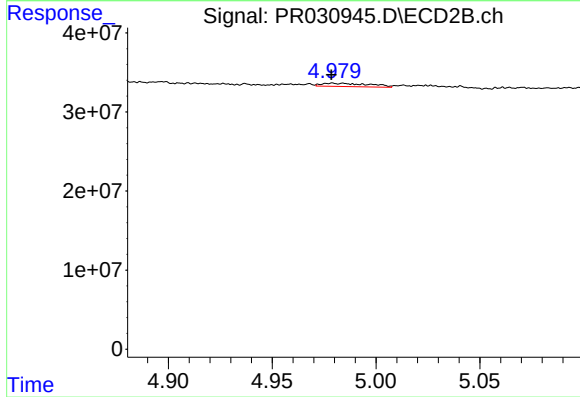
#17 AR-1242-2

R.T.: 4.958 min  
Delta R.T.: 0.017 min  
Response: 1974763  
Conc: 1.80 ng/ml



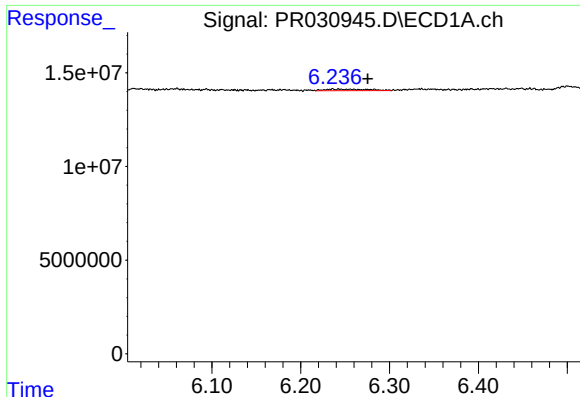
#18 AR-1242-3

R.T.: 6.236 min  
Delta R.T.: 0.004 min  
Response: 2642160  
Conc: 10.64 ng/ml



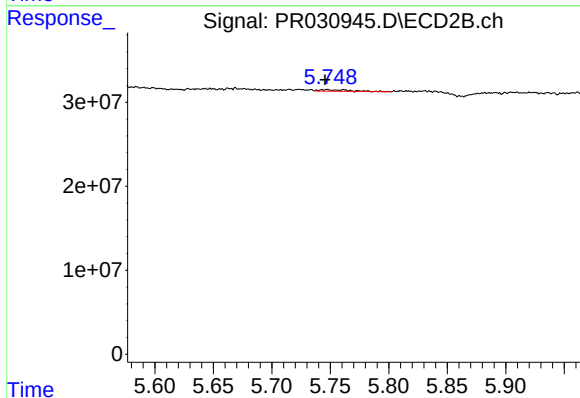
#18 AR-1242-3

R.T.: 4.979 min  
Delta R.T.: 0.000 min  
Response: 6581461  
Conc: 7.60 ng/ml



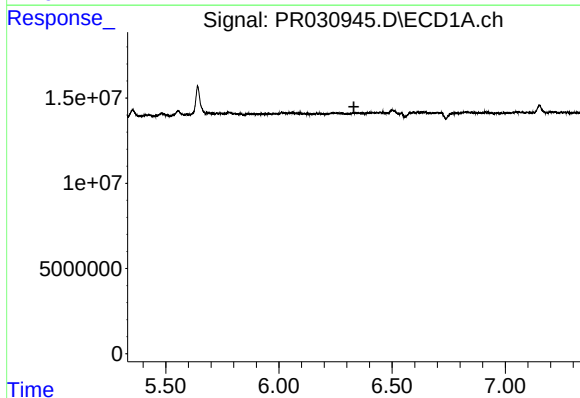
#19 AR-1242-4

R.T.: 6.236 min  
Delta R.T.: -0.039 min  
Response: 2642160  
Conc: 14.34 ng/ml



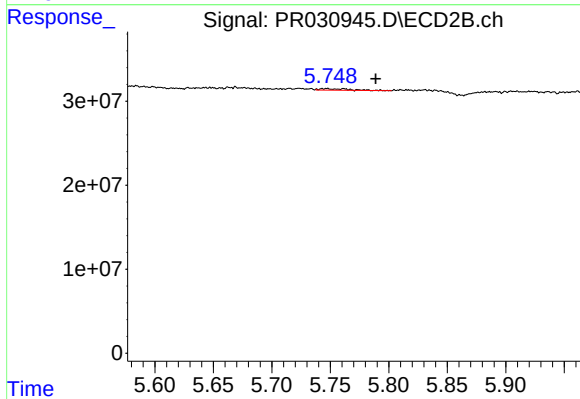
#19 AR-1242-4

R.T.: 5.761 min  
Delta R.T.: 0.015 min  
Response: 3339977  
Conc: 3.18 ng/ml



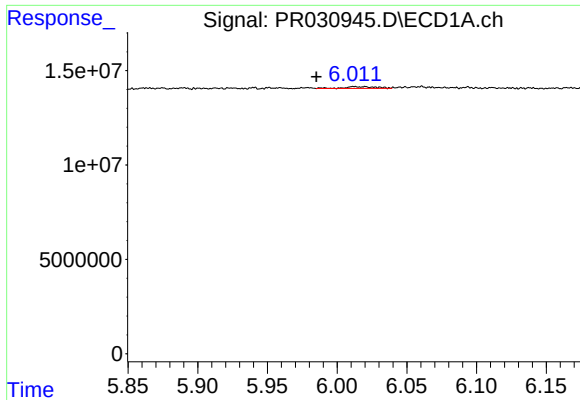
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.331 min  
Response: 0  
Conc: N.D.



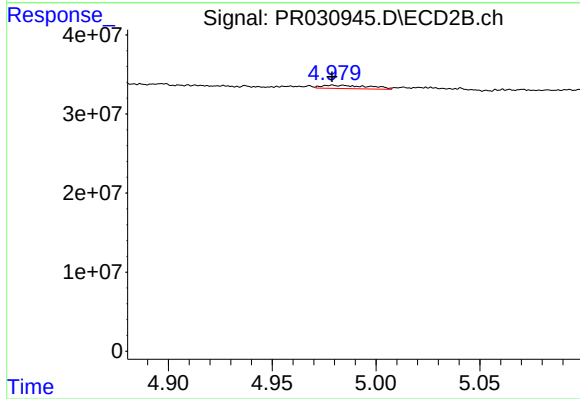
#20 AR-1242-5

R.T.: 5.761 min  
Delta R.T.: -0.028 min  
Response: 3339977  
Conc: 4.78 ng/ml



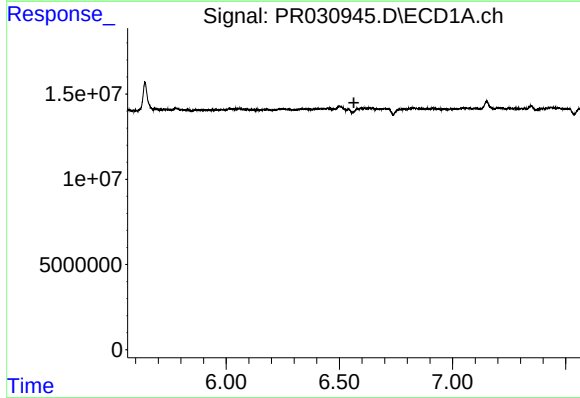
#21 AR-1248-1

R.T.: 6.012 min  
Delta R.T.: 0.027 min  
Response: 1529368  
Conc: 1.60 ng/ml



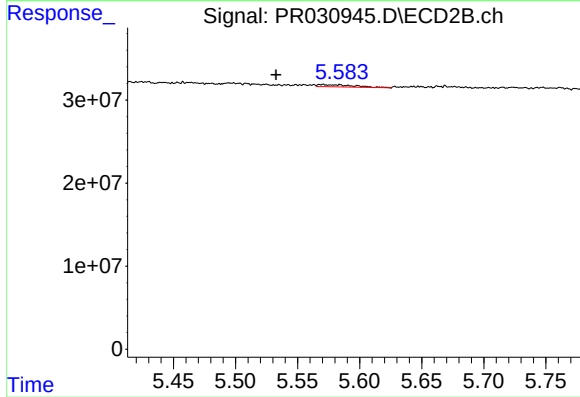
#21 AR-1248-1

R.T.: 4.979 min  
Delta R.T.: 0.000 min  
Response: 6581461  
Conc: 3.90 ng/ml



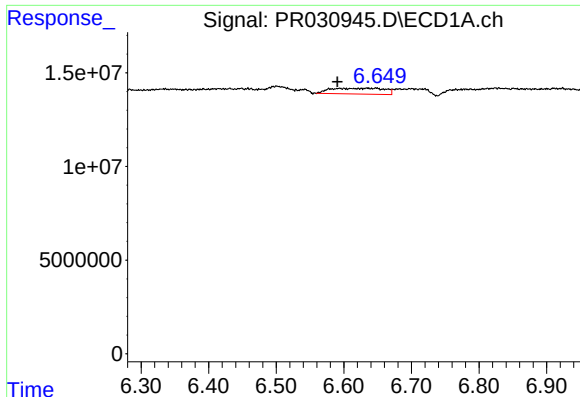
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 6.564 min  
Response: 0  
Conc: N.D.



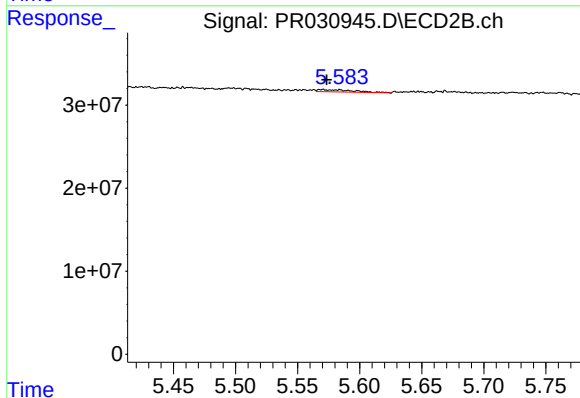
#22 AR-1248-2

R.T.: 5.570 min  
Delta R.T.: 0.037 min  
Response: 5328924  
Conc: 1.70 ng/ml



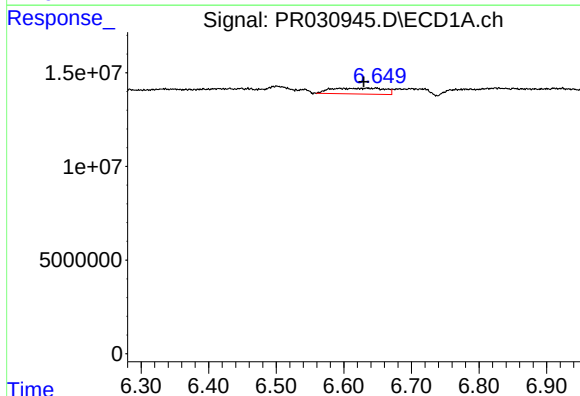
#23 AR-1248-3

R.T.: 6.647 min  
Delta R.T.: 0.057 min  
Response: 16902616  
Conc: 13.18 ng/ml



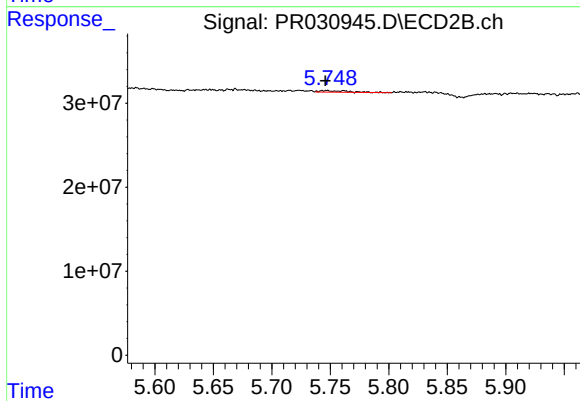
#23 AR-1248-3

R.T.: 5.570 min  
Delta R.T.: -0.003 min  
Response: 5328924  
Conc: 2.39 ng/ml



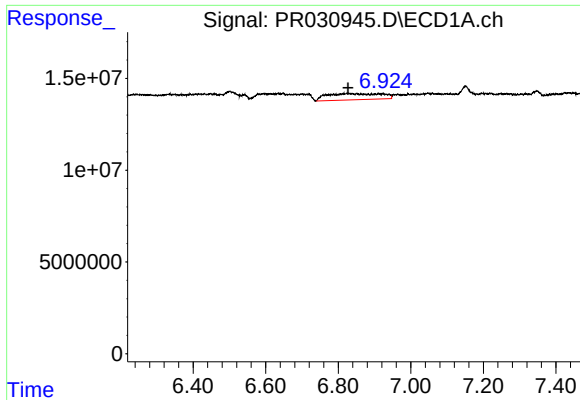
#24 AR-1248-4

R.T.: 6.647 min  
Delta R.T.: 0.018 min  
Response: 16902616  
Conc: 14.16 ng/ml



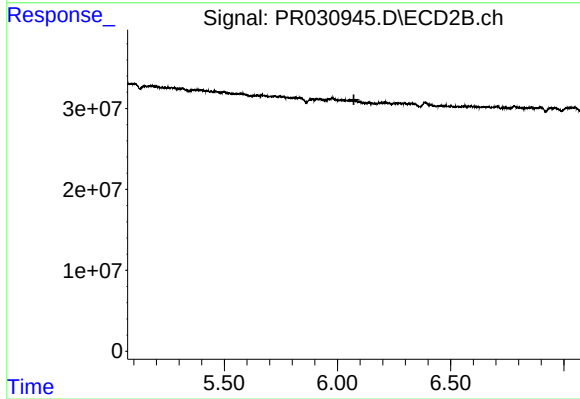
#24 AR-1248-4

R.T.: 5.761 min  
Delta R.T.: 0.015 min  
Response: 3339977  
Conc: 1.50 ng/ml



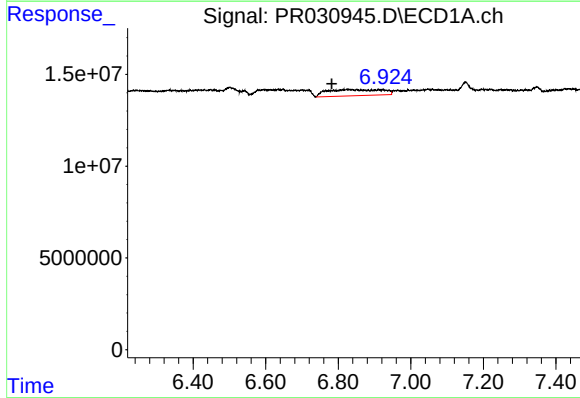
#25 AR-1248-5

R.T.: 6.828 min  
Delta R.T.: 0.002 min  
Response: 35340428  
Conc: 44.61 ng/ml



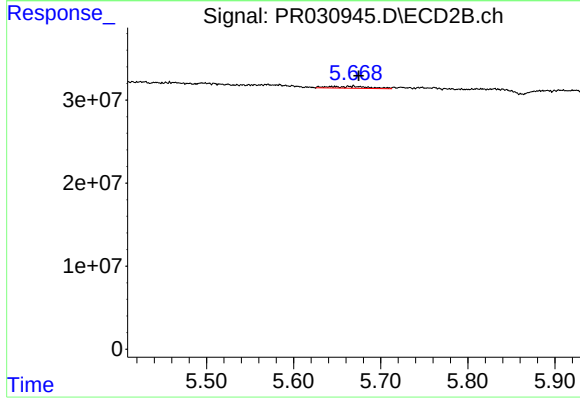
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.073 min  
Response: 0  
Conc: N.D.



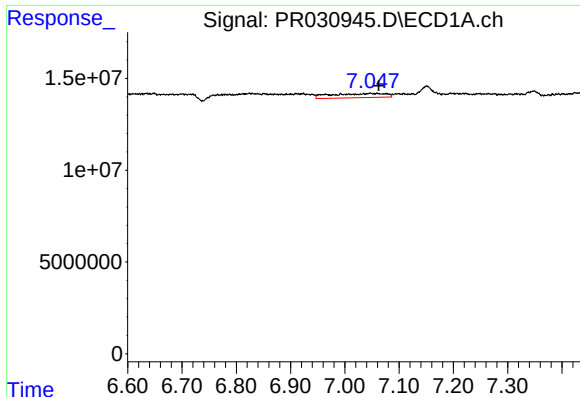
#26 AR-1254-1

R.T.: 6.828 min  
Delta R.T.: 0.046 min  
Response: 35340428  
Conc: 18.66 ng/ml



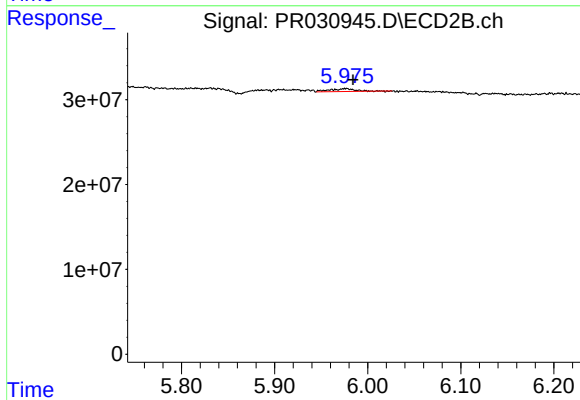
#26 AR-1254-1

R.T.: 5.648 min  
Delta R.T.: -0.027 min  
Response: 6997358  
Conc: 2.49 ng/ml



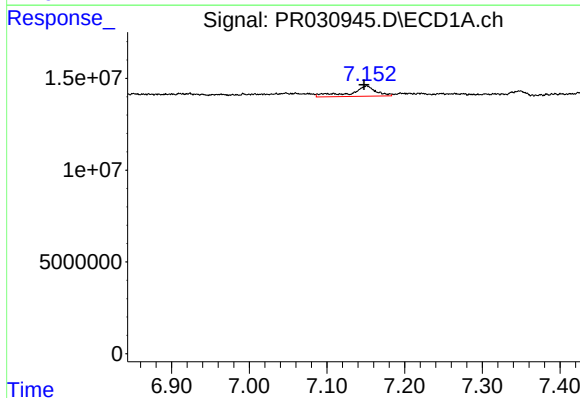
#27 AR-1254-2

R.T.: 7.050 min  
Delta R.T.: -0.012 min  
Response: 16143631  
Conc: 14.36 ng/ml



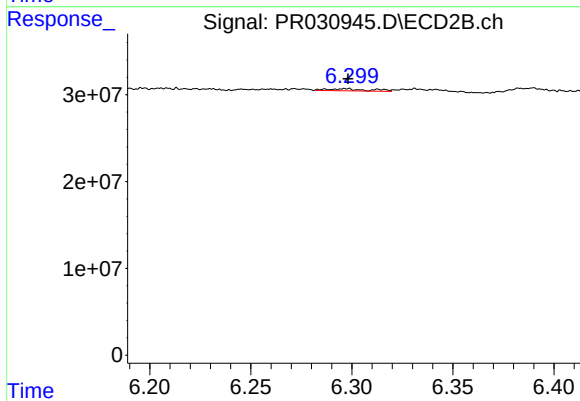
#27 AR-1254-2

R.T.: 5.976 min  
Delta R.T.: -0.008 min  
Response: 6082214  
Conc: 2.72 ng/ml



#28 AR-1254-3

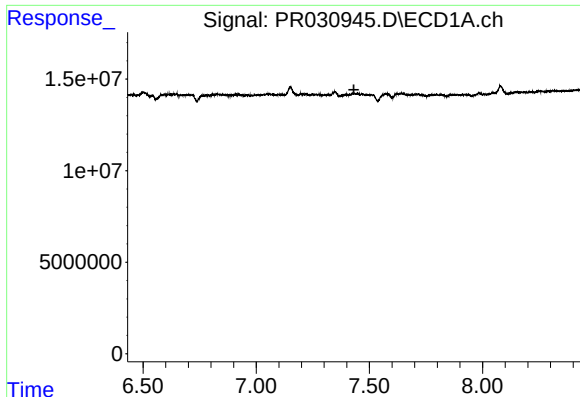
R.T.: 7.151 min  
Delta R.T.: 0.003 min  
Response: 12997765  
Conc: 6.52 ng/ml



#28 AR-1254-3

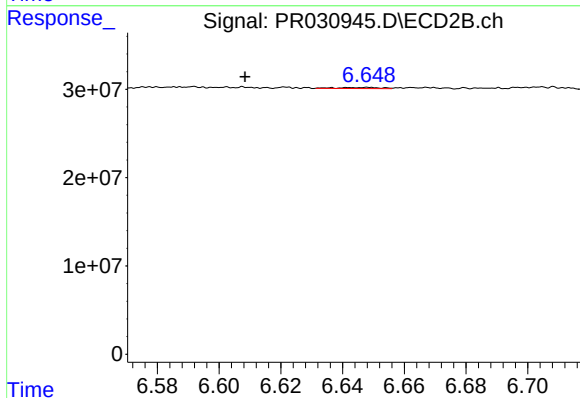
R.T.: 6.296 min  
Delta R.T.: -0.002 min  
Response: 3440265  
Conc: 1.08 ng/ml





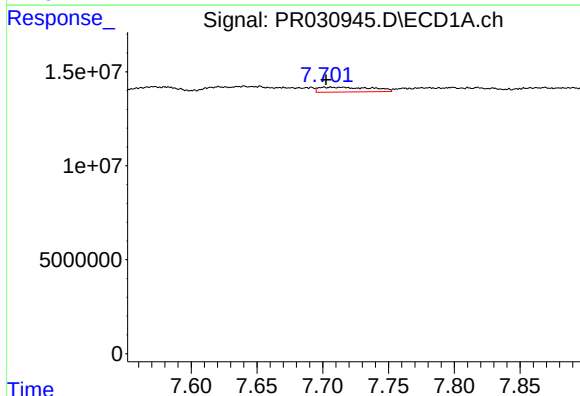
#29 AR-1254-4

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



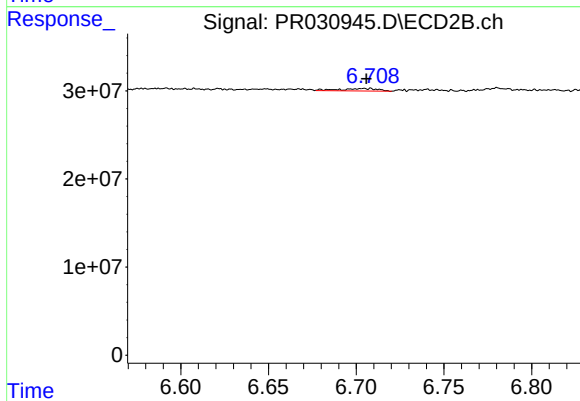
#29 AR-1254-4

R.T.: 6.647 min  
Delta R.T.: 0.038 min  
Response: 1291451  
Conc: 0.80 ng/ml



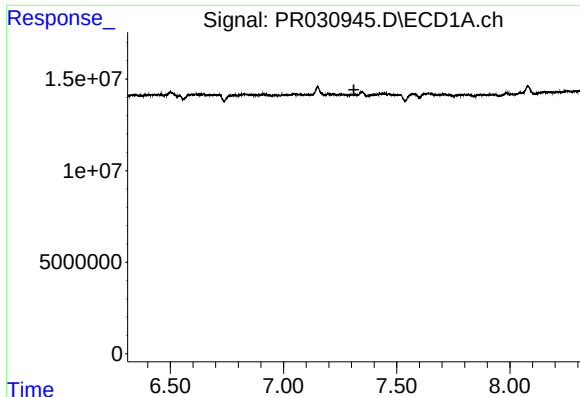
#30 AR-1254-5

R.T.: 7.708 min  
Delta R.T.: 0.006 min  
Response: 7162958  
Conc: 6.11 ng/ml



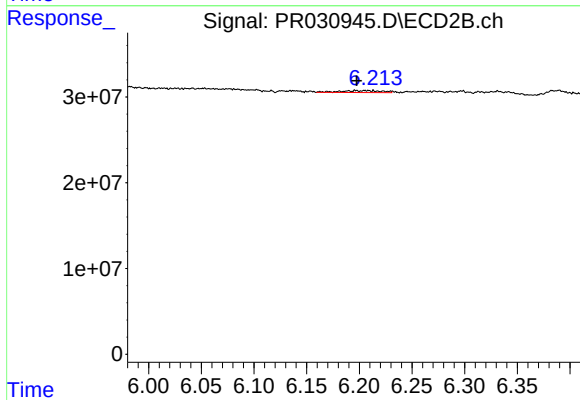
#30 AR-1254-5

R.T.: 6.704 min  
Delta R.T.: -0.001 min  
Response: 4045234  
Conc: 1.36 ng/ml



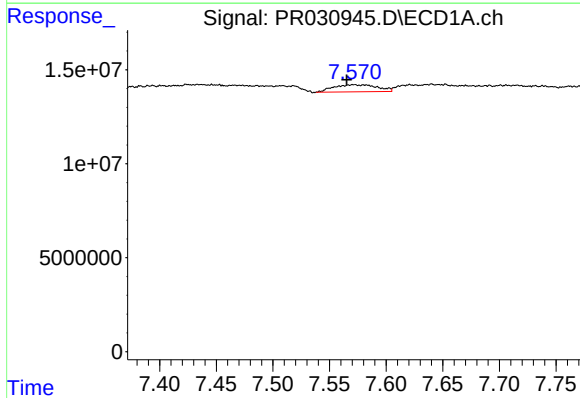
#31 AR-1260-1

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



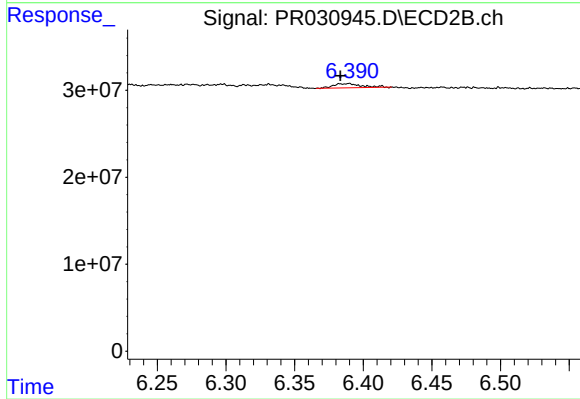
#31 AR-1260-1

R.T.: 6.196 min  
Delta R.T.: -0.001 min  
Response: 6257408  
Conc: 2.62 ng/ml



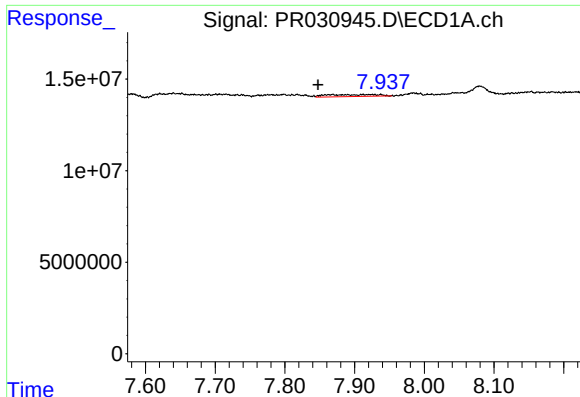
#32 AR-1260-2

R.T.: 7.574 min  
Delta R.T.: 0.009 min  
Response: 10087009  
Conc: 5.35 ng/ml



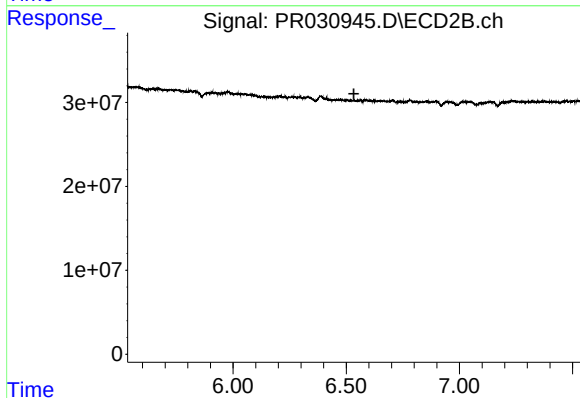
#32 AR-1260-2

R.T.: 6.388 min  
Delta R.T.: 0.004 min  
Response: 6337867  
Conc: 2.23 ng/ml



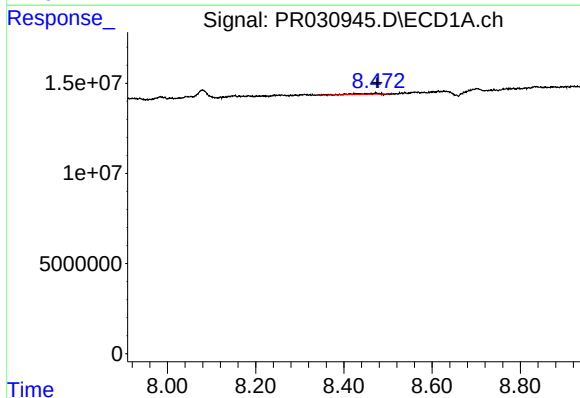
#33 AR-1260-3

R.T.: 7.867 min  
Delta R.T.: 0.019 min  
Response: 5475996  
Conc: 2.76 ng/ml



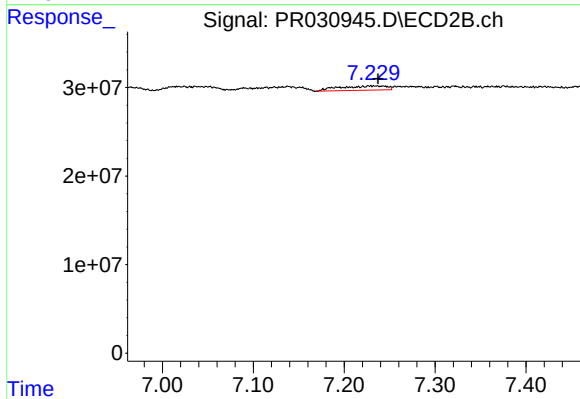
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 6.534 min  
Response: 0  
Conc: N.D.



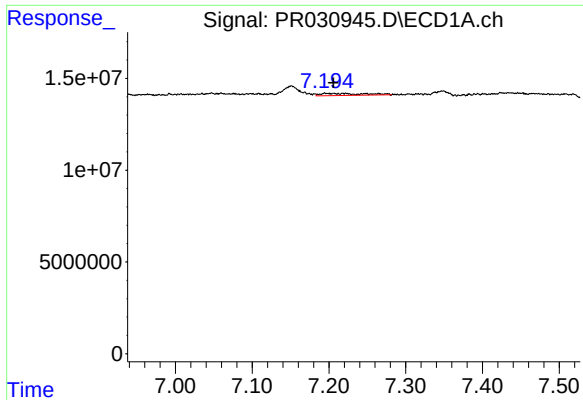
#35 AR-1260-5

R.T.: 8.473 min  
Delta R.T.: -0.002 min  
Response: 1812395  
Conc: 0.54 ng/ml



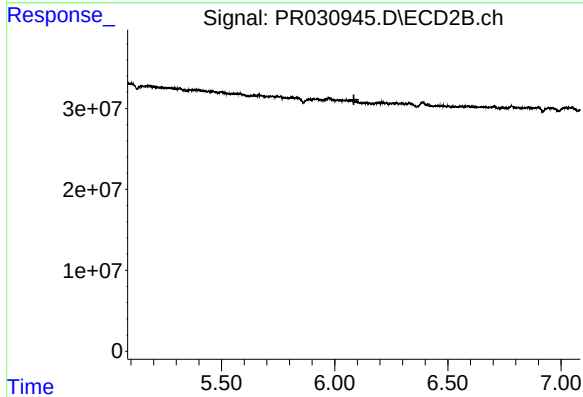
#35 AR-1260-5

R.T.: 7.232 min  
Delta R.T.: -0.005 min  
Response: 17666258  
Conc: 6.06 ng/ml



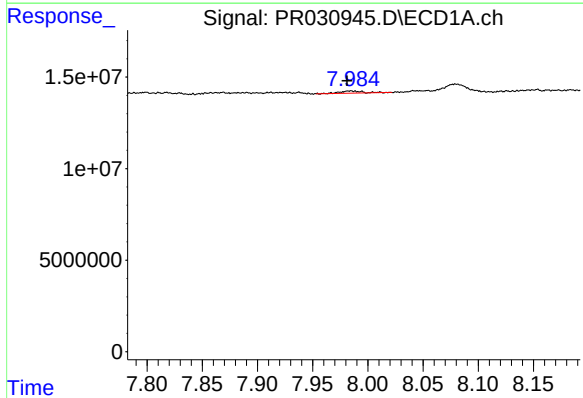
#36 AR-1262-1

R.T.: 7.217 min  
Delta R.T.: 0.012 min  
Response: 4680396  
Conc: 4.48 ng/ml



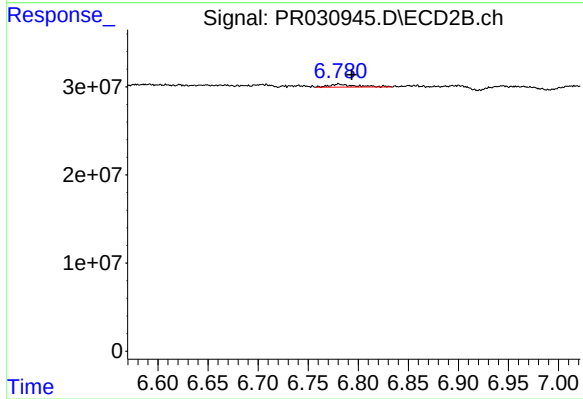
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 6.085 min  
Response: 0  
Conc: N.D.



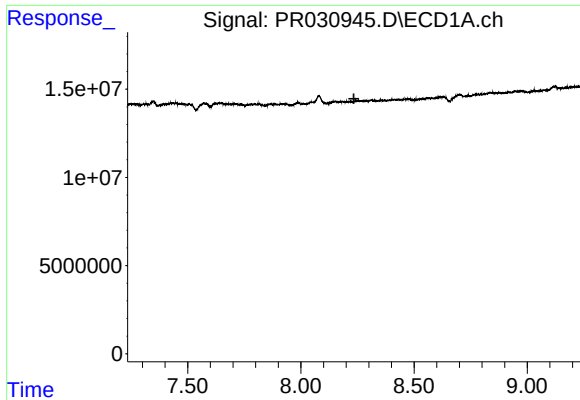
#37 AR-1262-2

R.T.: 7.985 min  
Delta R.T.: 0.004 min  
Response: 1687504  
Conc: 1.58 ng/ml



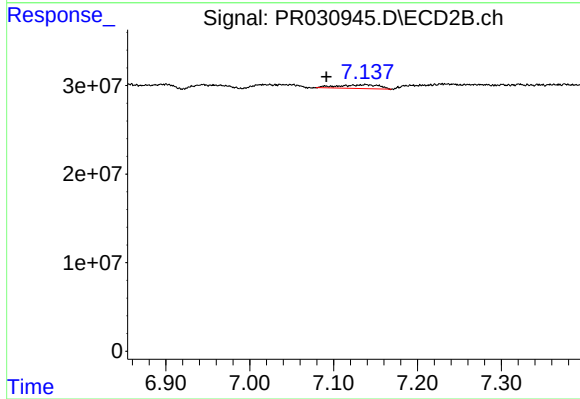
#37 AR-1262-2

R.T.: 6.781 min  
Delta R.T.: -0.013 min  
Response: 6044267  
Conc: 3.91 ng/ml



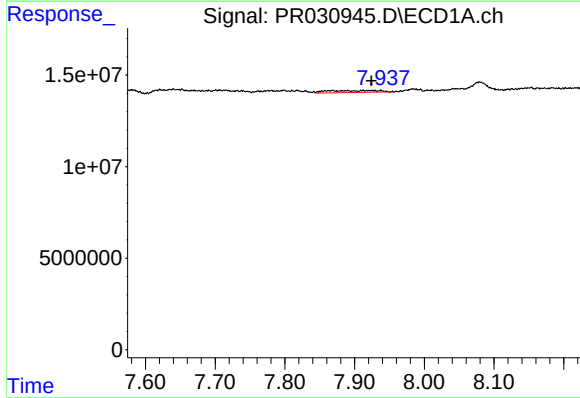
#38 AR-1262-3

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



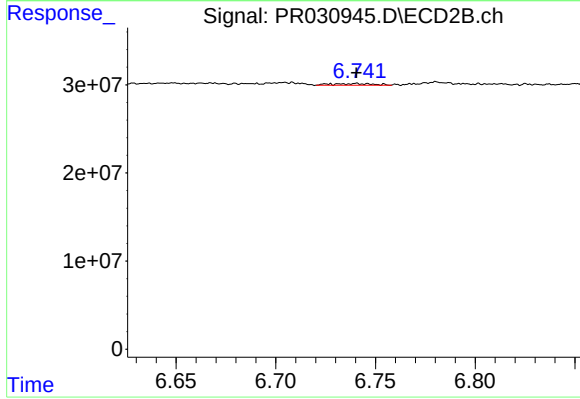
#38 AR-1262-3

R.T.: 7.138 min  
Delta R.T.: 0.047 min  
Response: 14371728  
Conc: 10.94 ng/ml



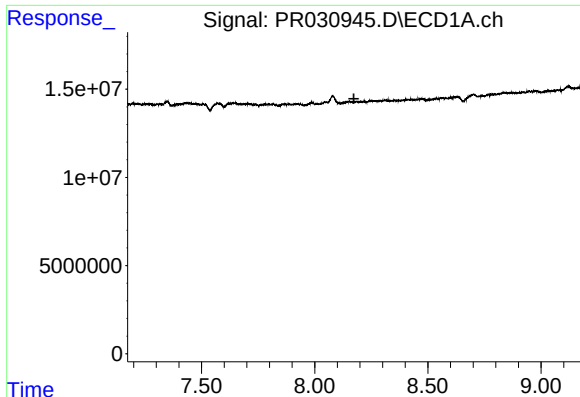
#41 AR-1268-1

R.T.: 7.867 min  
Delta R.T.: -0.057 min  
Response: 5475996  
Conc: 4.98 ng/ml



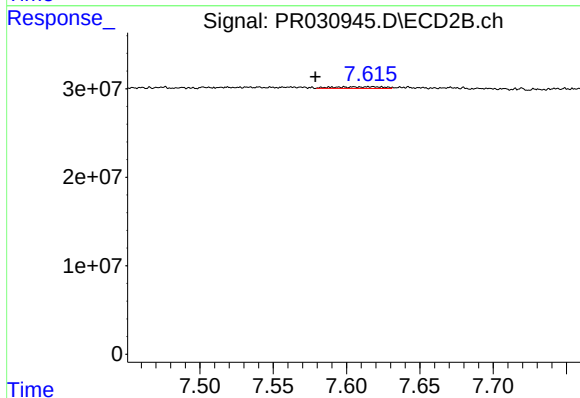
#41 AR-1268-1

R.T.: 6.741 min  
Delta R.T.: 0.000 min  
Response: 2515477  
Conc: 1.59 ng/ml



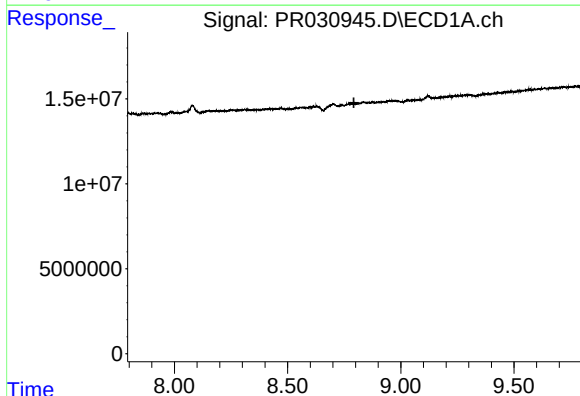
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.173 min  
Response: 0  
Conc: N.D.



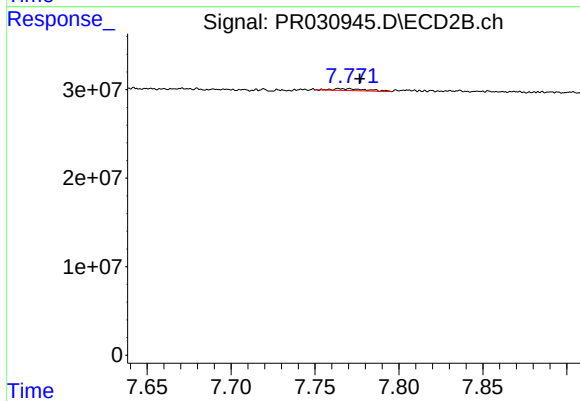
#42 AR-1268-2

R.T.: 7.618 min  
Delta R.T.: 0.039 min  
Response: 4290357  
Conc: 1.05 ng/ml



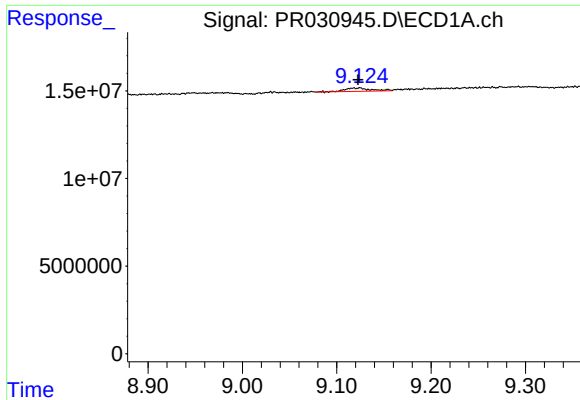
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.793 min  
Response: 0  
Conc: N.D.



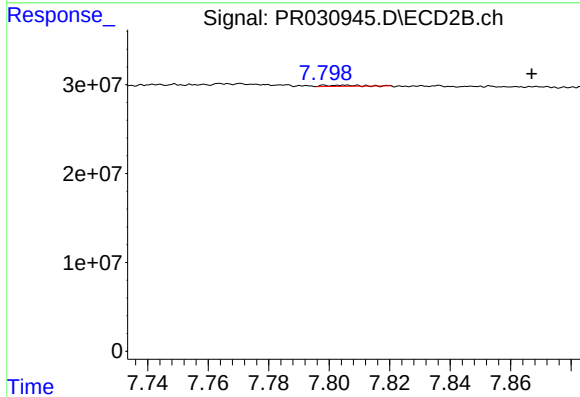
#43 AR-1268-3

R.T.: 7.767 min  
Delta R.T.: -0.009 min  
Response: 2951753  
Conc: 0.89 ng/ml



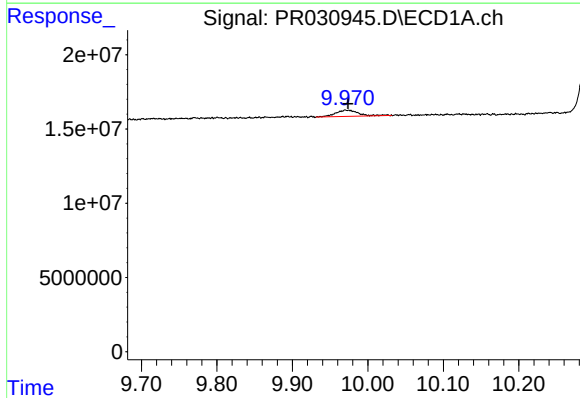
#44 AR-1268-4

R.T.: 9.121 min  
Delta R.T.: -0.002 min  
Response: 3713670  
Conc: 0.75 ng/ml



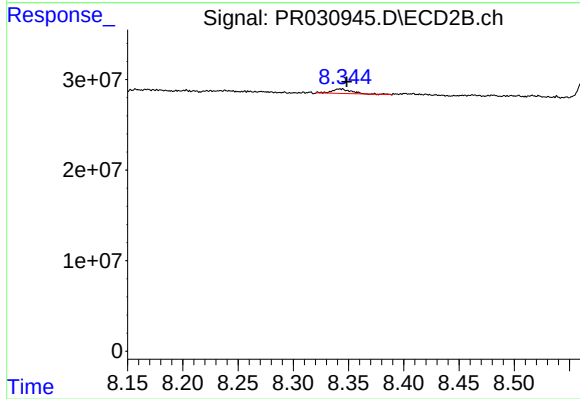
#44 AR-1268-4

R.T.: 7.804 min  
Delta R.T.: -0.063 min  
Response: 803804  
Conc: 0.90 ng/ml



#45 AR-1268-5

R.T.: 9.973 min  
Delta R.T.: -0.001 min  
Response: 8866483  
Conc: 0.63 ng/ml



#45 AR-1268-5

R.T.: 8.342 min  
Delta R.T.: -0.006 min  
Response: 6350897  
Conc: 0.77 ng/ml