

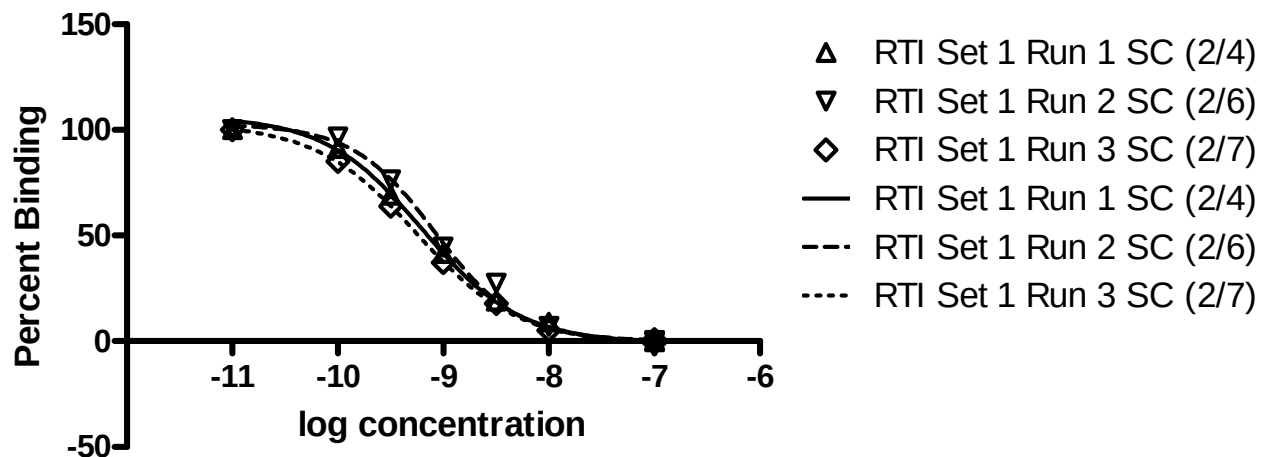
Appendix 10

Lab X individual runs

Index:

Code	Chemical	Set 1	Set 2	Set 3	Set 4	Set 5	Set 6
1	17 β -Estradiol				X		
2	17 -ethynylestradiol					X	
3	DES				X		
4	meso-Hexestrol		X				
5	Genistein		X				
6	Norethynodrel						X
7	Butyl paraben (n-butyl 4-hydroxybenzoate)						X
8	Nonylphenol (mixture)				X		
9	o,p'-DDT			X			
10	Corticosterone					X	
11	Equol	X					
12	Zearalenone	X					
13	Tamoxifen						X
14	5 α -dihydrotestosterone			X			
15	Bisphenol A	X					
16	4-n-heptylphenol		X				
17	Kepone (Chlordecone)			X			
18	Benz(a)anthracene					X	
19	Enterolactone	X					
20	Progesterone			X			
21	Octyltriethoxysilane	X					
22	Atrazine		X				
23	R1881				X		

RTI Set 1 Estradiol reference



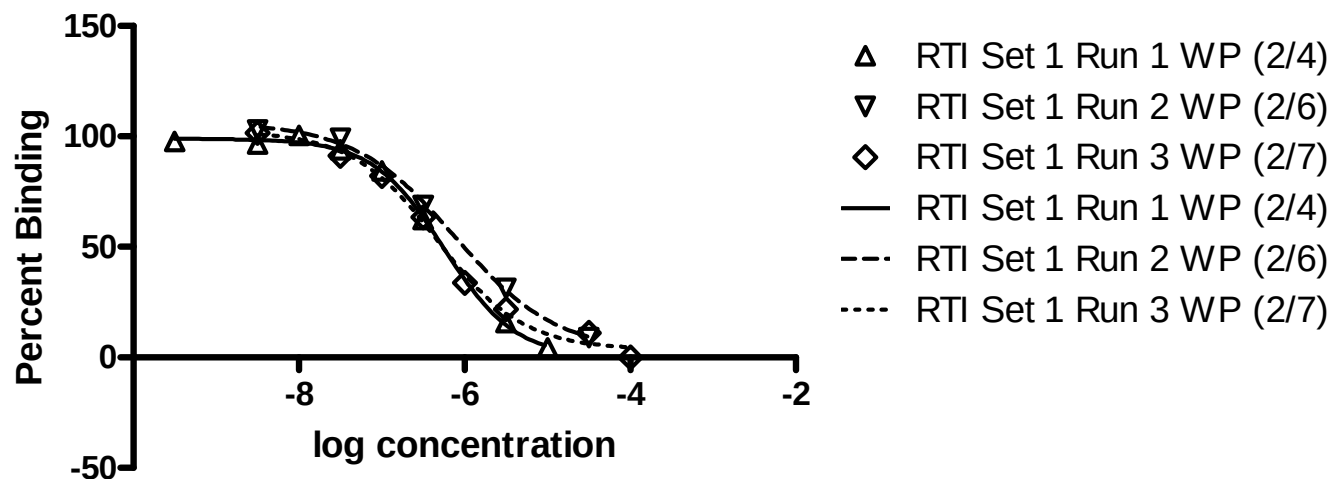
	RTI Set 1 Run 1 SC (2/4)	RTI Set 1 Run 2 SC (2/6)	RTI Set 1 Run 3 SC (2/7)
logIC50			
Best-fit values			
Bottom	-0.795	0.149	-1.12
Top	106	103	103
LogIC50	-9.15	-9.05	-9.23
HillSlope	-0.939	-1.11	-0.903
Std. Error			
Bottom	0.432	1.45	1.03
Top	1.03	2.03	1.69
LogIC50	0.00680	0.0235	0.0168
HillSlope	0.0215	0.0849	0.0456
95% Confidence Intervals			
Bottom	-1.71 to 0.117	-2.88 to 3.18	-3.26 to 1.03
Top	104 to 109	98.5 to 107	99.3 to 106
LogIC50	-9.16 to -9.13	-9.10 to -9.01	-9.27 to -9.20
HillSlope	-0.984 to -0.893	-1.29 to -0.933	-0.998 to -0.808
Goodness of Fit			
Degrees of Freedom	17	19	20
R ²	0.999	0.994	0.997
Absolute Sum of Squares	15.9	237	108
Sy.x	0.968	3.53	2.33
Number of points			
Analyzed	21	23	24
Outliers (excluded, Q=1.0%)	3	1	0

log concentration	RTI Set 1 Run 1 SC (2/4)			RTI Set 1 Run 2 SC (2/6)		
	Y1	Y2	Y3	Y1	Y2	Y3
-8.000	13.310					
-11.000		98.400	98.540			
-8.500						38.050

log concentration	RTI Set 1 Run 1 SC (2/4)			RTI Set 1 Run 2 SC (2/6)			RTI Set 1 Run 3 SC (2/7)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-7.000000	-0.480000	0.160000	0.960000						
-7.000000	-0.400000	-0.130000	-0.150000						
-8.000000	13.310000	6.850000	7.120000						
-8.500000	18.360000	20.050000	18.280000						
-9.000000	41.460000	42.550000	40.720000						
-9.500000	68.590000	69.920000	68.630000						
-10.000000	92.800000	90.810000	90.270000						
-11.000000	103.060000	98.400000	98.540000						
-7.000000				-0.460000	0.110000	1.400000			
-7.000000				-0.200000	-0.430000	-0.430000			
-8.000000				8.600000	6.070000	6.420000			
-8.500000				22.910000	21.220000	38.050000			
-9.000000				46.550000	47.780000	39.440000			
-9.500000				75.020000	82.230000	72.000000			
-10.000000				93.000000	102.120000	95.350000			
-11.000000				103.490000	97.220000	99.290000			
-7.000000							-0.490000	-0.310000	2.990000
-7.000000							-1.200000	0.120000	-1.160000
-8.000000							5.590000	5.150000	4.580000
-8.500000							17.860000	18.680000	17.400000
-9.000000							34.630000	37.240000	39.830000
-9.500000							66.010000	62.870000	62.760000
-10.000000							83.670000	84.130000	87.290000
-11.000000							100.330000	105.300000	94.370000

RTI Set 1

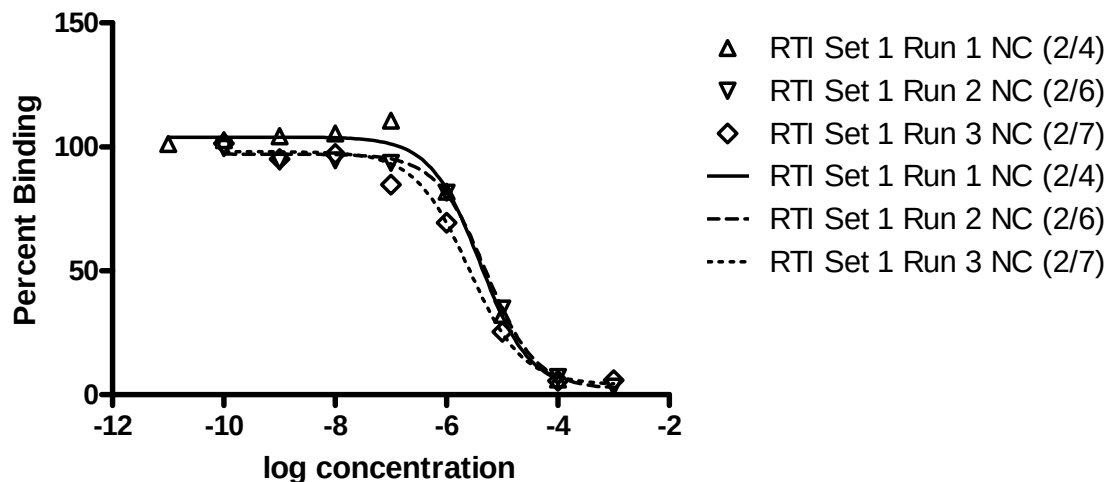
Norethynodrel



	RTI Set 1 Run 1 WP (2/4)	RTI Set 1 Run 2 WP (2/6)	RTI Set 1 Run 3 WP (2/7)
logIC50			
Best-fit values			
Bottom	-0.143	2.40	3.43
Top	98.9	106	102
LogIC50	-6.26	-6.01	-6.27
HillSlope	-1.01	-0.712	-0.842
Std. Error			
Bottom	3.29	3.41	2.50
Top	1.11	2.06	3.11
LogIC50	0.0339	0.0356	0.0391
HillSlope	0.0969	0.0694	0.0940
95% Confidence Intervals			
Bottom	-7.00 to 6.72	-5.10 to 9.89	-1.78 to 8.65
Top	96.6 to 101	102 to 111	95.9 to 109
LogIC50	-6.33 to -6.19	-6.09 to -5.93	-6.35 to -6.19
HillSlope	-1.21 to -0.805	-0.865 to -0.560	-1.04 to -0.646
Goodness of Fit			
Degrees of Freedom	20	11	20
R ²	0.994	0.996	0.985
Absolute Sum of Squares	184	90.0	491
Sy x	3.03	2.86	4.95
Number of points			
Analyzed	24	15	24
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 1 Run 1 WP (2/4)			RTI Set 1 Run 2 WP (2/6)			RTI Set 1 Run 3 WP (2/7)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-5.00000	4.90000	4.03000	3.63000						
-5.50000	15.50000	16.49000	15.41000						
-6.00000	62.35000	59.03000	65.86000						
-6.50000	86.55000	82.13000	84.74000						
-7.00000	92.84000	95.47000	93.46000						
-7.50000	101.75000	101.69000	97.56000						
-8.00000	94.20000	99.52000	95.91000						
-8.50000	102.86000	91.45000	98.70000						
-4.00000									
-4.50000				9.61000	8.43000	8.51000			
-5.00000				33.52000	29.24000	31.08000			
-6.00000									
-6.50000				66.07000	69.54000	70.85000			
-7.00000									
-7.50000				101.42000	101.22000	94.45000			
-8.00000				101.95000	104.13000	102.59000			
-4.00000							-0.040000	-0.590000	0.400000
-4.50000							11.990000	8.850000	12.170000
-5.00000							23.310000	22.400000	19.340000
-6.00000							36.850000	31.490000	32.730000
-6.50000							65.140000	61.800000	63.150000
-7.00000							82.640000	76.070000	87.750000
-7.50000							91.280000	86.900000	95.360000
-8.50000							98.790000	95.330000	110.660000

RTI Set 1 R1881

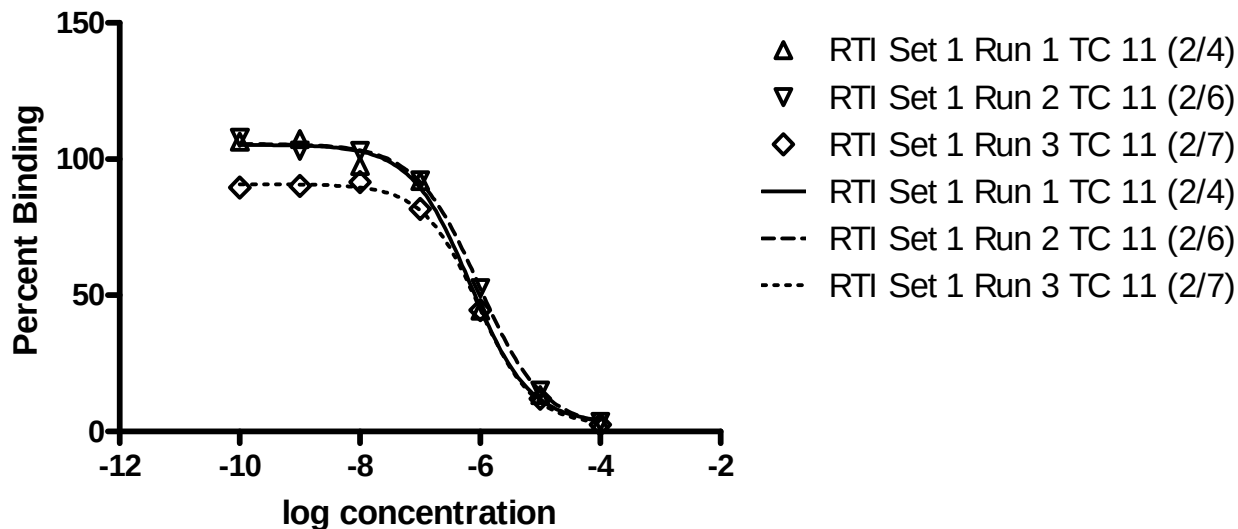


	RTI Set 1 Run 1 NC (2/4)	RTI Set 1 Run 2 NC (2/6)	RTI Set 1 Run 3 NC (2/7)
logIC50			
Best-fit values			
Bottom	1.99	2.37	4.00
Top	104	97.1	98.1
LogIC50	-5.34	-5.30	-5.58
HillSlope	-0.971	-0.975	-0.905
Std. Error			
Bottom	3.00	1.71	1.97
Top	0.974	1.07	1.29
LogIC50	0.0355	0.0341	0.0432
HillSlope	0.0820	0.0780	0.0847
95% Confidence Intervals			
Bottom	-4.29 to 8.26	-1.21 to 5.94	-0.113 to 8.12
Top	102 to 106	94.9 to 99.4	95.4 to 101
LogIC50	-5.42 to -5.27	-5.37 to -5.22	-5.67 to -5.49
HillSlope	-1.14 to -0.799	-1.14 to -0.811	-1.08 to -0.727
Goodness of Fit			
Degrees of Freedom	19	19	19
R ²	0.993	0.994	0.992
Absolute Sum of Squares	228	204	291
Sy.x	3.46	3.28	3.91
Number of points			
Analyzed	23	23	23
Outliers (excluded, Q=1.0%)	1	1	1

log concentration	RTI Set 1 Run 1 NC (2/4)			RTI Set 1 Run 2 NC (2/6)			RTI Set 1 Run 3 NC (2/7)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-7.000		121.480							
-9.000				85.080					
-7.000									68.690

log concentration	RTI Set 1 Run 1 NC (2/4)			RTI Set 1 Run 2 NC (2/6)			RTI Set 1 Run 3 NC (2/7)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-4.00000	5.94000	7.25000	5.05000						
-5.00000	32.89000	33.15000	30.70000						
-6.00000	85.30000	79.74000	80.89000						
-7.00000	107.92000	121.48000	102.42000						
-8.00000	106.45000	99.46000	110.31000						
-9.00000	102.04000	102.10000	108.86000						
-10.00000	100.17000	103.44000	104.32000						
-11.00000	99.12000	100.05000	104.22000						
-3.00000				0.630000	3.73000	5.10000			
-4.00000				6.690000	7.75000	6.86000			
-5.00000				35.450000	33.63000	34.97000			
-6.00000				82.620000	79.94000	82.20000			
-7.00000				92.380000	90.73000	97.56000			
-8.00000				93.190000	88.52000	102.12000			
-9.00000				85.080000	98.23000	98.96000			
-10.00000				97.530000	103.15000	98.09000			
-3.00000							2.45000	7.03000	7.79000
-4.00000							5.41000	4.99000	6.19000
-5.00000							28.26000	26.45000	21.23000
-6.00000							68.42000	72.61000	67.34000
-7.00000							96.39000	89.36000	68.69000
-8.00000							94.17000	98.72000	98.68000
-9.00000							92.88000	92.91000	99.39000
-10.00000							93.78000	105.18000	105.46000

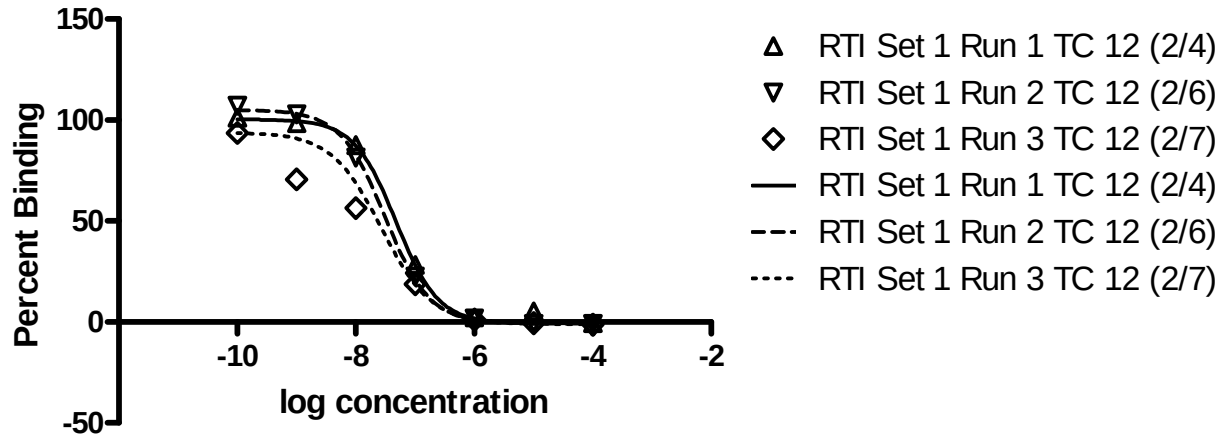
RTI Set 1 Test Chemical 11



	RTI Set 1 Run 1 TC 11 (2/4)	RTI Set 1 Run 2 TC 11 (2/6)	RTI Set 1 Run 3 TC 11 (2/7)
logIC50			
Best-fit values			
Bottom	2.97	1.43	2.34
Top	105	106	90.8
LogIC50	-6.08	-5.94	-6.10
HillSlope	-0.882	-0.820	-0.944
Std. Error			
Bottom	2.44	2.12	1.25
Top	1.52	1.12	0.738
LogIC50	0.0412	0.0315	0.0221
HillSlope	0.0891	0.0629	0.0591
95% Confidence Intervals			
Bottom	-2.18 to 8.13	-3.05 to 5.91	-0.302 to 4.98
Top	102 to 108	103 to 108	89.2 to 92.3
LogIC50	-6.17 to -6.00	-6.01 to -5.88	-6.15 to -6.05
HillSlope	-1.07 to -0.694	-0.953 to -0.687	-1.07 to -0.819
Goodness of Fit			
Degrees of Freedom	17	17	16
R ²	0.992	0.996	0.998
Absolute Sum of Squares	279	151	63.2
Sy.x	4.05	2.98	1.99
Number of points			
Analyzed	21	21	20
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 1 Run 1 TC 11 (2/4)			RTI Set 1 Run 2 TC 11 (2/6)			RTI Set 1 Run 3 TC 11 (2/7)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.00000									
-4.00000	3.93000	2.8600	3.00000						
-5.00000	14.25000	12.8100	13.07000						
-6.00000	42.95000	45.3800	44.96000						
-7.00000	86.09000	94.8000	94.99000						
-8.00000	99.60000	94.4600	98.36000						
-9.00000	103.32000	109.6300	108.86000						
-10.00000	102.00000	106.2700	111.11000						
-3.00000				02.75000	05.7.000	0.0.000			
-4.00000				4.78000	2.98000	2.83000			
-5.00000				15.48000	14.65000	15.24000			
-6.00000				50.44000	53.87000	53.23000			
-7.00000				92.13000	93.73000	90.54000			
-8.00000				96.72000	105.25000	106.70000			
-9.00000				101.81000	103.29000	103.96000			
-10.00000				110.09000	102.37000	110.90000			
-3.00000							102.37000	07.13000	06.01000
-4.00000							2.35000	2.76000	2.70000
-5.00000							11.98000	12.05000	12.03000
-6.00000							44.32000	44.68000	44.57000
-7.00000							82.37000	83.40000	79.28000
-8.00000							88.74000	94.44000	
-9.00000							90.25000	91.69000	88.65000
-10.00000							92.22000	89.17000	87.32000

RTI Set 1 Test Chemical 12



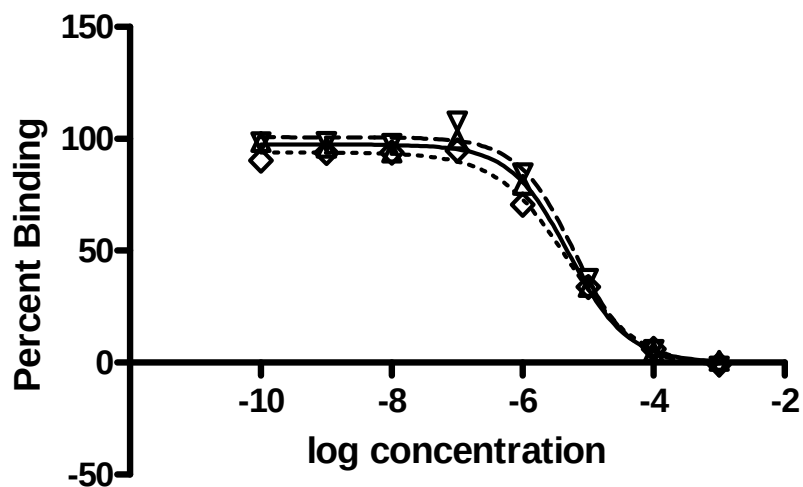
	RTI Set 1 Run 1 TC 12 (2/4)	RTI Set 1 Run 2 TC 12 (2/6)	RTI Set 1 Run 3 TC 12 (2/7)
logIC50			
Best-fit values			
Bottom	-0.601	-0.775	-1.11
Top	100	105	93.9
LogIC50	-7.32	-7.48	-7.63
HillSlope	-1.22	-1.16	-1.03
Std. Error			
Bottom	1.26	0.391	0.246
Top	1.34	0.556	0.366
LogIC50	0.0284	0.0121	0.00799
HillSlope	0.0893	0.0301	0.0170
95% Confidence Intervals			
Bottom	-3.29 to 2.08	-1.61 to 0.0630	-1.64 to -0.582
Top	97.5 to 103	104 to 106	93.1 to 94.6
LogIC50	-7.38 to -7.26	-7.50 to -7.45	-7.65 to -7.61
HillSlope	-1.42 to -1.03	-1.22 to -1.09	-1.06 to -0.992
Goodness of Fit			
Degrees of Freedom	15	14	14
R ²	0.996	1.00	1.00
Absolute Sum of Squares	139	16.6	6.23
Sy.x	3.04	1.09	0.667
Number of points			
Analyzed	19	18	18
Outliers (excluded, Q=1.0%)	1	3	3

log concentration	RTI Set 1 Run 1 TC 12 (2/4)			RTI Set 1 Run 2 TC 12 (2/6)			RTI Set 1 Run 3 TC 12 (2/7)	
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2
-5.000		18.300						
-7.000				25.900				
-8.000					78.500			
-10.000					110.800			
-8.000							31.300	
-9.000							64.300	56.700

log concentration	RTI Set 1 Run 1 TC 12 (2/4)			RTI Set 1 Run 2 TC 12 (2/6)			RTI Set 1 Run 3 TC 12 (2/7)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.000000									
-4.000000		-0.500000	-0.700000						
-5.000000	-1.20000	18.300000	-1.10000						
-6.000000	2.70000	2.800000	1.50000						
-7.000000	30.30000	28.000000	26.40000						
-8.000000	93.30000	87.400000	82.00000						
-9.000000	103.30000	95.200000	96.90000						
-10.000000	104.00000	97.400000	101.80000						
-3.000000									
-4.000000				-0.900000	-1.00000	-1.000000			
-5.000000				-0.800000	-1.10000	-1.100000			
-6.000000				1.800000	2.00000	1.600000			
-7.000000				25.900000	20.80000	20.800000			
-8.000000				82.900000	82.70000	78.500000			
-9.000000				105.400000	100.20000	102.500000			
-10.000000				105.200000	110.80000	105.300000			
-3.000000									
-4.000000							-1.80000	-1.50000	-0.500000
-5.000000							-1.10000	-1.30000	0.700000
-6.000000							1.10000	1.40000	0.500000
-7.000000							17.80000	19.20000	19.200000
-8.000000							31.30000	68.40000	69.400000
-9.000000							64.30000	56.70000	90.900000
-10.000000							93.80000	93.30000	93.500000

RTI Set 1

Test Chemical 15

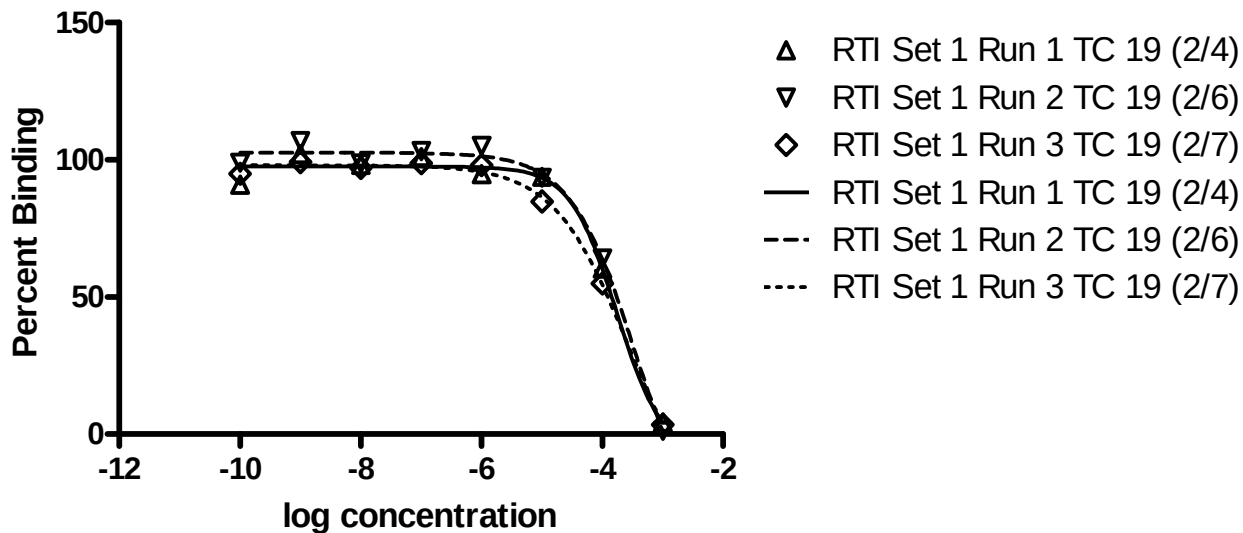


- △ RTI Set 1 Run 1 TC 15 (2/4)
- ▽ RTI Set 1 Run 2 TC 15 (2/6)
- ◇ RTI Set 1 Run 3 TC 15 (2/7)
- RTI Set 1 Run 1 TC 15 (2/4)
- RTI Set 1 Run 2 TC 15 (2/6)
- RTI Set 1 Run 3 TC 15 (2/7)

	RTI Set 1 Run 1 TC 15 (2/4)	RTI Set 1 Run 2 TC 15 (2/6)	RTI Set 1 Run 3 TC 15 (2/7)
logIC50			
Best-fit values			
Bottom	0.0718	-1.32	-1.74
Top	97.5	101	93.9
LogIC50	-5.32	-5.22	-5.40
HillSlope	-0.968	-1.00	-0.801
Std. Error			
Bottom	2.17	2.86	2.75
Top	1.29	1.66	1.50
LogIC50	0.0423	0.0508	0.0524
HillSlope	0.0945	0.130	0.0884
95% Confidence Intervals			
Bottom	-4.45 to 4.59	-7.28 to 4.64	-7.47 to 4.00
Top	94.8 to 100	97.2 to 104	90.8 to 97.0
LogIC50	-5.41 to -5.23	-5.32 to -5.11	-5.51 to -5.29
HillSlope	-1.17 to -0.771	-1.27 to -0.732	-0.985 to -0.616
Goodness of Fit			
Degrees of Freedom	20	20	20
R ²	0.991	0.986	0.988
Absolute Sum of Squares	345	586	415
Sy.x	4.15	5.41	4.56
Number of points			
Analyzed	24	24	24
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 1 Run 1 TC 15 (2/4)			RTI Set 1 Run 2 TC 15 (2/6)			RTI Set 1 Run 3 TC 15 (2/7)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.00000	0.40000	3.50000	-1.50000						
-4.00000	4.80000	5.30000	4.40000						
-5.00000	34.40000	34.40000	32.50000						
-6.00000	81.10000	79.90000	77.20000						
-7.00000	104.40000	93.90000	101.10000						
-8.00000	91.30000	94.80000	95.80000						
-9.00000	93.40000	92.20000	102.90000						
-10.00000	91.90000	99.30000	104.30000						
-3.00000				-2.00000	-1.20000	-1.90000			
-4.00000				6.50000	5.20000	5.10000			
-5.00000				37.50000	36.60000	38.30000			
-6.00000				80.90000	86.00000	87.00000			
-7.00000				106.50000	112.90000	103.90000			
-8.00000				89.10000	98.90000	105.40000			
-9.00000				96.40000	94.80000	104.40000			
-10.00000				96.60000	95.30000	103.10000			
-3.00000							0.900000	-1.20000	-1.70000
-4.00000							5.300000	7.60000	5.30000
-5.00000							36.500000	32.30000	32.30000
-6.00000							65.200000	73.80000	72.60000
-7.00000							93.200000	95.90000	95.00000
-8.00000							84.600000	97.10000	99.80000
-9.00000							95.600000	96.80000	88.80000
-10.00000							87.800000	87.10000	96.00000

RTI Set 1 Test Chemical 19

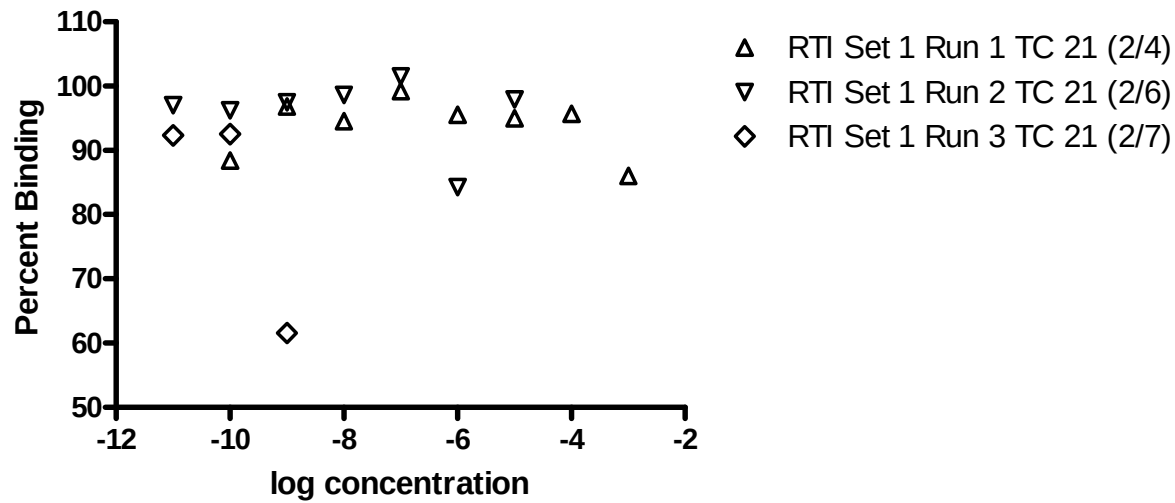


	RTI Set 1 Run 1 TC 19 (2/4)	RTI Set 1 Run 2 TC 19 (2/6)	RTI Set 1 Run 3 TC 19 (2/7)
logIC50			
Best-fit values			
Bottom	-8.40	-41.6	-35.7
Top	97.5	103	98.0
LogIC50	-3.84	-3.76	-3.91
HillSlope	-1.13	-0.810	-0.701
Std. Error			
Bottom	15.1	39.1	16.6
Top	1.37	1.39	0.823
LogIC50	0.0648	0.0672	0.0356
HillSlope	0.393	0.220	0.0907
95% Confidence Intervals			
Bottom	-39.9 to 23.1	-123 to 40.0	-70.4 to -0.978
Top	94.7 to 100	99.7 to 105	96.3 to 99.7
LogIC50	-3.98 to -3.71	-3.90 to -3.62	-3.98 to -3.83
HillSlope	-1.95 to -0.312	-1.27 to -0.351	-0.890 to -0.512
Goodness of Fit			
Degrees of Freedom	20	20	20
R ²	0.978	0.983	0.994
Absolute Sum of Squares	525	482	156
Sy x	5.13	4.91	2.79
Number of points			
Analyzed	24	24	24
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 1 Run 1 TC 19 (2/4)			RTI Set 1 Run 2 TC 19 (2/6)			RTI Set 1 Run 3 TC 19 (2/7)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.000000	3.10000	4.70000	5.30000						
-4.000000	59.60000	63.30000	58.20000						
-5.000000	97.50000	95.20000	88.70000						
-6.000000	93.10000	95.50000	95.70000						
-7.000000	99.30000	103.20000	100.70000						
-8.000000	95.90000	104.70000	94.00000						
-9.000000	95.50000	106.30000	104.20000						
-10.000000	97.80000	89.50000	85.60000						
-3.000000				1.80000	1.00000	0.70000			
-4.000000				61.30000	64.60000	66.40000			
-5.000000				97.90000	89.80000	92.60000			
-6.000000				105.40000	110.30000	99.60000			
-7.000000				109.10000	97.80000	102.60000			
-8.000000				99.50000	102.50000	94.00000			
-9.000000				106.80000	104.80000	108.70000			
-10.000000				92.60000	105.20000	99.00000			
-3.000000							3.10000	3.40000	3.70000
-4.000000							56.10000	54.10000	54.60000
-5.000000							79.40000	85.70000	89.50000
-6.000000							95.20000	97.10000	101.80000
-7.000000							99.70000	98.50000	98.40000
-8.000000							96.80000	95.70000	98.70000
-9.000000							97.80000	100.50000	99.30000
-10.000000							95.10000	93.60000	96.20000

RTI Set 1

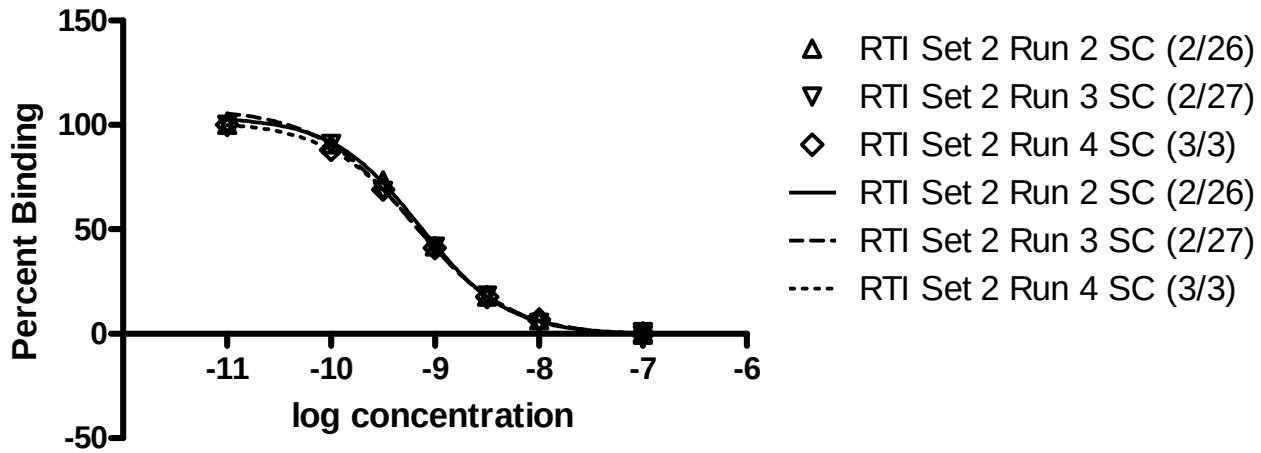
Test Chemical 21



	RTI Set 1 Run 1 TC 21 (2/4)	RTI Set 1 Run 2 TC 21 (2/6)	RTI Set 1 Run 3 TC 21 (2/7)
logIC50	Not converged	Not converged	Not converged
Best-fit values			
Bottom			
Top			
LogIC50			
HillSlope			
Std. Error			
Bottom			
Top			
LogIC50			
HillSlope			
95% Confidence Intervals			
Bottom			
Top			
LogIC50			
HillSlope			
Goodness of Fit			
Degrees of Freedom			
R ²			
Absolute Sum of Squares			
Sy x			
Number of points			
Analyzed	24	19	8
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 1 Run 1 TC 21 (2/4)			RTI Set 1 Run 2 TC 21 (2/6)			RTI Set 1 Run 3 TC 21 (2/7)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.00000	90.20000	84.5000	83.40000						
-4.00000	98.60000	89.3000	99.20000						
-5.00000	95.30000	93.4000	96.20000						
-6.00000	89.20000	98.0000	99.40000						
-7.00000	93.30000	105.3000	99.00000						
-8.00000	91.00000	94.4000	98.20000						
-9.00000	97.80000	96.4000	96.20000						
-10.00000	89.20000	85.4000	90.70000						
-4.00000				108.0000	108.3000	106.3000			
-5.00000				0.79999	97.0000	98.9000			
-6.00000				93.5000	75.0000	104.1000			
-7.00000				104.2000	102.5000	97.8000			
-8.00000				93.8000	98.4000	103.7000			
-9.00000				92.5000	99.2000	100.7000			
-10.00000				90.5000	100.8000	97.3000			
-11.00000				97.3000	94.5000	99.3000			
-4.00000							105.2000	100.7000	99.1000
-5.00000							0.29999	95.9999	95.6999
-6.00000							93.4000	103.5000	110.2000
-7.00000							93.0000	99.6000	93.0000
-8.00000							94.2999	98.4999	98.4999
-9.00000							43.0000	0.59999	80.2000
-10.00000							95.9000	86.3000	95.3000
-11.00000							90.9000	96.8000	89.3000

RTI Set 2 Estradiol reference

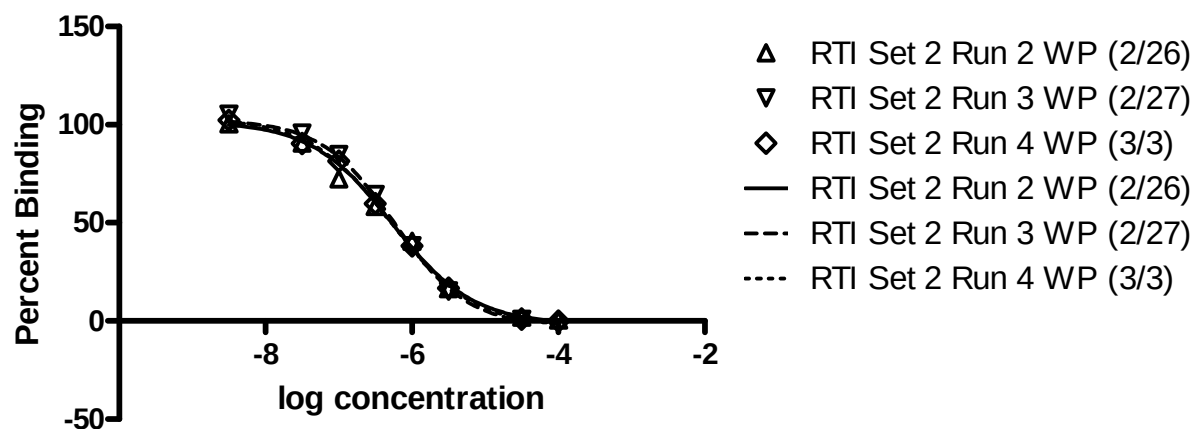


	RTI Set 2 Run 2 SC (2/26)	RTI Set 2 Run 3 SC (2/27)	RTI Set 2 Run 4 SC (3/3)
logIC50			
Best-fit values			
Bottom	-0.484	-1.31	-0.611
Top	104	108	102
LogIC50	-9.12	-9.16	-9.16
HillSlope	-1.03	-0.922	-0.984
Std. Error			
Bottom	0.683	0.964	1.09
Top	1.19	1.82	1.65
LogIC50	0.0109	0.0149	0.0177
HillSlope	0.0360	0.0426	0.0531
95% Confidence Intervals			
Bottom	-1.91 to 0.945	-3.33 to 0.704	-2.88 to 1.66
Top	101 to 106	104 to 112	98.1 to 105
LogIC50	-9.14 to -9.10	-9.19 to -9.13	-9.19 to -9.12
HillSlope	-1.11 to -0.958	-1.01 to -0.832	-1.09 to -0.873
Goodness of Fit			
Degrees of Freedom	19	19	20
R ²	0.998	0.997	0.996
Absolute Sum of Squares	50.9	90.7	130
Sy.x	1.64	2.18	2.55
Number of points			
Analyzed	23	23	24
Outliers (excluded, Q=1.0%)	1	1	0

log concentration	RTI Set 2 Run 2 SC (2/26)			RTI Set 2 Run 3 SC (2/27)	
	Y1	Y2	Y3	Y1	Y2
-11.000			93.760		
-11.000					88.790

log concentration	RTI Set 2 Run 2 SC (2/26)			RTI Set 2 Run 3 SC (2/27)			RTI Set 2 Run 4 SC (3/3)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-7.000000	-0.340000	0.700000	0.770000						
-7.000000	-0.300000	-0.070000	-0.740000						
-8.000000	6.580000	6.170000	6.430000						
-8.500000	18.930000	19.030000	15.530000						
-9.000000	41.980000	40.380000	43.600000						
-9.500000	74.820000	73.780000	71.710000						
-10.000000	91.310000	92.460000	88.340000						
-11.000000	100.620000	105.630000	93.760000						
-7.000000				0.640000	1.180000	0.410000			
-7.000000				-0.500000	-0.860000	-0.830000			
-8.000000				5.860000	4.830000	5.060000			
-8.500000				19.130000	17.390000	18.480000			
-9.000000				42.790000	40.340000	42.150000			
-9.500000				67.390000	67.620000	70.240000			
-10.000000				84.760000	92.250000	95.510000			
-11.000000				103.710000	88.790000	107.500000			
-7.000000							-0.080000	0.230000	-0.020000
-7.000000							0.200000	-0.320000	-0.020000
-8.000000							5.910000	7.240000	7.330000
-8.500000							18.960000	17.600000	15.990000
-9.000000							45.150000	38.690000	39.560000
-9.500000							69.470000	69.560000	68.320000
-10.000000							87.100000	94.070000	83.170000
-11.000000							100.460000	95.540000	104.000000

RTI Set 2 Norethynodrel



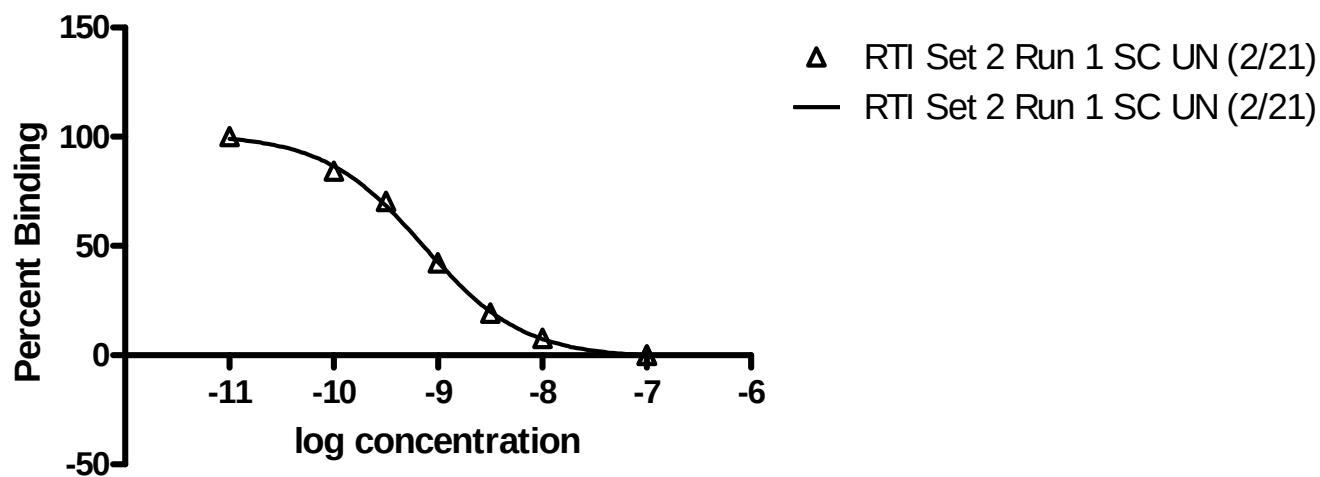
	RTI Set 2 Run 2 WP (2/26)	RTI Set 2 Run 3 WP (2/27)	RTI Set 2 Run 4 WP (3/3)
logIC50			
Best-fit values			
Bottom	-1.84	-3.00	-3.31
Top	102	103	103
LogIC50	-6.28	-6.24	-6.28
HillSlope	-0.785	-0.866	-0.773
Std. Error			
Bottom	1.59	1.93	2.93
Top	1.89	1.71	2.80
LogIC50	0.0230	0.0185	0.0322
HillSlope	0.0527	0.0541	0.0749
95% Confidence Intervals			
Bottom	-5.17 to 1.49	-7.10 to 1.11	-9.48 to 2.85
Top	97.8 to 106	99.0 to 106	97.5 to 109
LogIC50	-6.32 to -6.23	-6.28 to -6.20	-6.35 to -6.21
HillSlope	-0.895 to -0.674	-0.981 to -0.750	-0.930 to -0.615
Goodness of Fit			
Degrees of Freedom	19	15	18
R ²	0.995	0.996	0.990
Absolute Sum of Squares	155	90.6	309
Sy.x	2.86	2.46	4.14
Number of points			
Analyzed	23	19	22
Outliers (excluded, Q=1.0%)	1	2	0

log concentration	RTI Set 2 Run 2 WP (2/26)			RTI Set 2 Run 3 WP (2/27)		
	Y1	Y2	Y3	Y1	Y2	Y3
-7.000		54.770				
-7.000						93.850
-8.500						112.470

log concentration	RTI Set 2 Run 2 WP (2/26)			RTI Set 2 Run 3 WP (2/27)			RTI Set 2 Run 4 WP (3/3)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-4.00000	0.49000	0.39000	2.01000						
-4.50000	1.70000	2.22000	1.86000						
-5.00000	17.13000	16.26000	15.79000						
-6.00000	42.40000	39.63000	39.63000						
-6.50000	57.02000	60.53000	57.51000						
-7.00000	76.87000	54.77000	85.72000						
-7.50000	91.19000	93.46000	87.35000						
-8.50000	100.27000	97.95000	102.96000						
-4.00000				54.40000	56.70000	40.41000			
-4.50000				0.46000	1.04000	0.96000			
-5.00000				15.25000	15.23000	15.11000			
-6.00000				38.36000	37.29000	39.20000			
-6.50000				63.95000	64.11000	65.28000			
-7.00000				81.27000	78.98000	93.85000			
-7.50000				95.74000	95.59000	96.09000			
-8.50000				96.99000	106.21000	112.47000			
-4.00000							-0.110000	56.300000	56.0.0000
-4.50000							0.840000	0.880000	1.090000
-5.00000							18.120000	16.250000	15.780000
-6.00000							38.960000	39.720000	35.970000
-6.50000							58.480000	60.480000	60.340000
-7.00000							73.790000	83.610000	86.640000
-7.50000							84.500000	88.440000	98.390000
-8.50000							95.540000	104.350000	107.010000

RTI Set 2

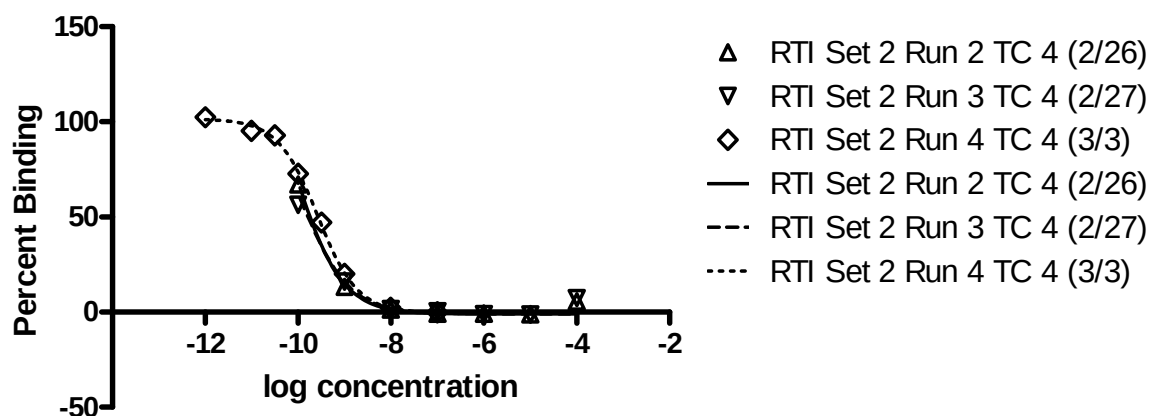
Estradiol reference (UN)



	RTI Set 2 Run 1 SC UN (2/21)
logIC50	
Best-fit values	
Bottom	-1.22
Top	101
LogIC50	-9.14
HillSlope	-0.909
Std. Error	
Bottom	1.27
Top	1.90
LogIC50	0.0202
HillSlope	0.0548
95% Confidence Intervals	
Bottom	-3.87 to 1.42
Top	97.1 to 105
LogIC50	-9.18 to -9.10
HillSlope	-1.02 to -0.794
Goodness of Fit	
Degrees of Freedom	20
R ²	0.995
Absolute Sum of Squares	154
Sy x	2.77
Number of points	
Analyzed	24
Outliers (excluded, Q=1.0%)	0

log concentration	RTI Set 2 Run 1 SC UN (2/21)		
	Y1	Y2	Y3
-7.00000	1.99000	-1.21000	-1.27000
-7.00000	-1.40000	-1.87000	3.73000
-8.00000	6.60000	11.36000	5.33000
-8.50000	21.45000	19.15000	17.12000
-9.00000	45.16000	41.90000	39.78000
-9.50000	70.02000	68.54000	72.61000
-10.00000	87.13000	85.53000	79.87000
-11.00000	97.62000	102.24000	100.15000

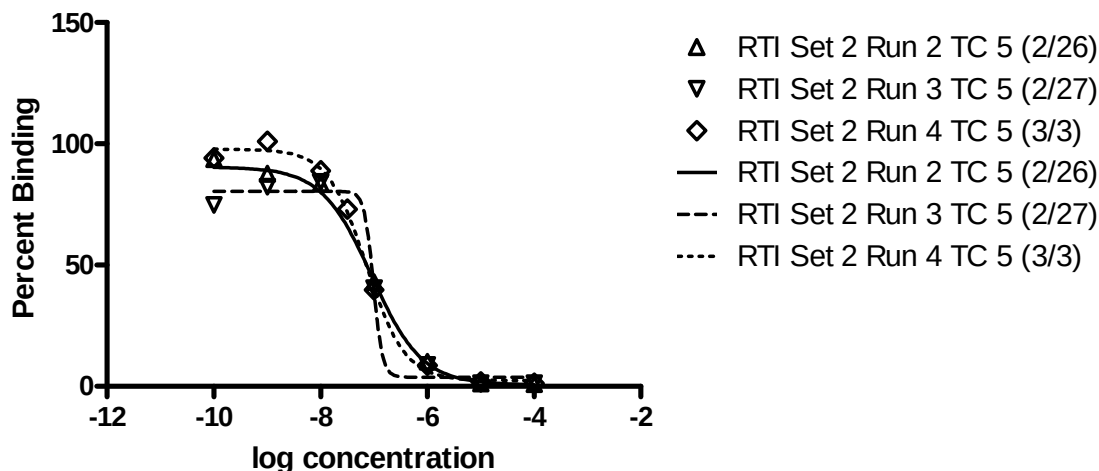
RTI Set 2 Test Chemical 4



	RTI Set 2 Run 2 TC 4 (2/26)	RTI Set 2 Run 3 TC 4 (2/27)	RTI Set 2 Run 4 TC 4 (3/3)
logIC50			
Best-fit values			
Bottom	-0.964	-0.878	-0.401
Top	147	114	101
LogIC50	-9.74	-9.78	-9.57
HillSlope	-0.863	-0.847	-1.02
Std. Error			
Bottom	0.194	0.479	1.50
Top	34.9	42.2	1.56
LogIC50	0.0197	0.0385	0.0222
HillSlope	0.0765	0.165	0.0682
95% Confidence Intervals			
Bottom	-1.39 to -0.542	-1.91 to 0.156	-3.53 to 2.73
Top	71.1 to 223	22.8 to 205	98.1 to 105
LogIC50	-9.79 to -9.70	-9.87 to -9.70	-9.61 to -9.52
HillSlope	-1.03 to -0.696	-1.20 to -0.491	-1.16 to -0.873
Goodness of Fit			
Degrees of Freedom	12	13	20
R ²	1.00	0.997	0.995
Absolute Sum of Squares	3.13	20.4	210
Sy.x	0.511	1.25	3.24
Number of points			
Analyzed	16	17	24
Outliers (excluded, Q=1.0%)	5	3	0

log concentration	RTI Set 2 Run 2 TC 4 (2/26)			RTI Set 2 Run 3 TC 4 (2/27)	
	Y1	Y2	Y3	Y1	Y2
-4.000	5.890	5.650	5.150		
-9.000	9.970				
-10.000	64.720				
-4.000				8.760	6.220
-10.000				45.360	

log concentration	RTI Set 2 Run 2 TC 4 (2/26)			RTI Set 2 Run 3 TC 4 (2/27)			RTI Set 2 Run 4 TC 4 (3/3)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.00000									
-4.00000	5.89000	5.6500	5.15000						
-5.00000	-1.13000	-1.2800	-0.90000						
-6.00000	-1.41000	-0.1700	-0.56000						
-7.00000	-0.97000	-0.5900	-0.54000						
-8.00000	1.93000	0.8300	1.56000						
-9.00000	9.97000	15.7100	14.09000						
-10.00000	64.72000	68.1900	68.16000						
-3.00000									
-4.00000				8.76000	6.22000	0.93000			
-5.00000				-1.31000	-1.27000	-1.11000			
-6.00000				-0.88000	-0.67000	-1.77000			
-7.00000				-0.80000	2.91000	-0.93000			
-8.00000				0.83000	1.90000	2.13000			
-9.00000				17.20000	16.36000	14.56000			
-10.00000				45.36000	63.16000	60.92000			
-7.00000							0.73000	-0.12000	-0.75000
-8.00000							2.26000	2.06000	2.29000
-9.00000							21.35000	19.91000	18.88000
-9.50000							42.73000	51.84000	46.59000
-10.00000							74.85000	67.97000	75.40000
-10.50000							91.93000	93.08000	93.88000
-11.00000							94.02000	96.97000	94.80000
-12.00000							101.22000	96.80000	109.01000

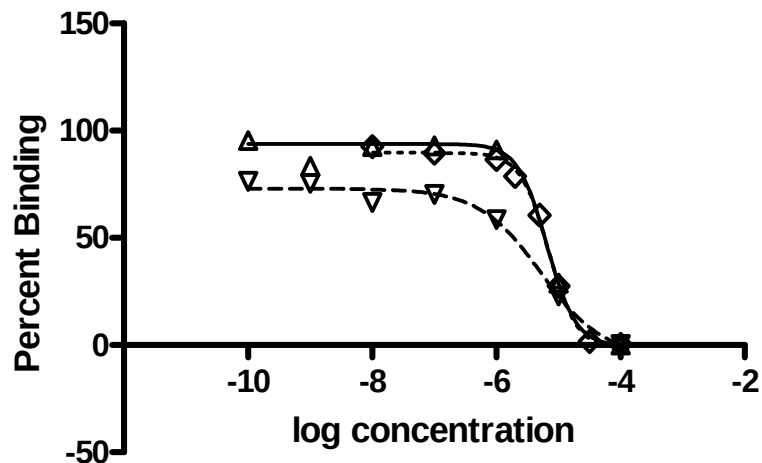


	RTI Set 2 Run 2 TC 5 (2/26)	RTI Set 2 Run 3 TC 5 (2/27)	RTI Set 2 Run 4 TC 5 (3/3)
logIC50	Ambiguous		
Best-fit values			
Bottom	0.737	3.82	2.42
Top	90.4	80 5	97.8
LogIC50	-7.13	~ -7.04	-7.14
HillSlope	-0.925	~ -5.15	-1.20
Std. Error			
Bottom	0.689	1.95	1.52
Top	0.776	2.02	1.67
LogIC50	0.0183	~ 17 2	0.0290
HillSlope	0.0461	~ 2113	0.119
95% Confidence Intervals			
Bottom	-0.732 to 2.20	-0.300 to 7 94	-0.751 to 5.59
Top	88.8 to 92.1	76 2 to 84.7	94.3 to 101
LogIC50	-7.17 to -7.10	(Very wide)	-7.20 to -7.08
HillSlope	-1.02 to -0 826	(Very wide)	-1.45 to -0.953
Goodness of Fit			
Degrees of Freedom	15	17	20
R ²	0.999	0.982	0.992
Absolute Sum of Squares	36.1	483	330
Sy x	1.55	5.33	4.06
Number of points			
Analyzed	19	21	24
Outliers (excluded, Q=1.0%)	2	0	0

log concentration	RT1 Set 2 Run 2 TC 5 (2/26)		
	Y1	Y2	Y3
-8.000		87.900	
-10.000			97.800

log concentration	RT1 Set 2 Run 2 TC 5 (2/26)			RT1 Set 2 Run 3 TC 5 (2/27)			RT1 Set 2 Run 4 TC 5 (3/3)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.000000									
-4.000000	0.90000	0.300000	1.70000						
-5.000000	1.10000	1.200000	1.70000						
-6.000000	10.20000	9.000000	11.50000						
-7.000000	43.30000	43.100000	42.90000						
-8.000000	82.20000	87.900000	80.60000						
-9.000000	84.90000	88.700000	89.30000						
-10.000000	92.80000	90.300000	97.80000						
-3.000000									
-4.000000				1.900000	1.20000	0.800000			
-5.000000				1.500000	0.90000	1.600000			
-6.000000				9.500000	8.30000	8.700000			
-7.000000				46.200000	38.00000	37.500000			
-8.000000				84.300000	84.90000	83.700000			
-9.000000				80.000000	90.00000	76.800000			
-10.000000				68.500000	80.70000	75.200000			
-4.000000							1.10000	1.20000	1.600000
-5.000000							2.20000	1.60000	2.000000
-6.000000							9.00000	8.00000	9.100000
-7.000000							37.60000	41.30000	40.500000
-7.500000							74.70000	72.30000	72.000000
-8.000000							90.60000	90.30000	86.000000
-9.000000							106.80000	96.10000	100.300000
-10.000000							91.00000	88.10000	103.400000

RTI Set 2 Test Chemical 16



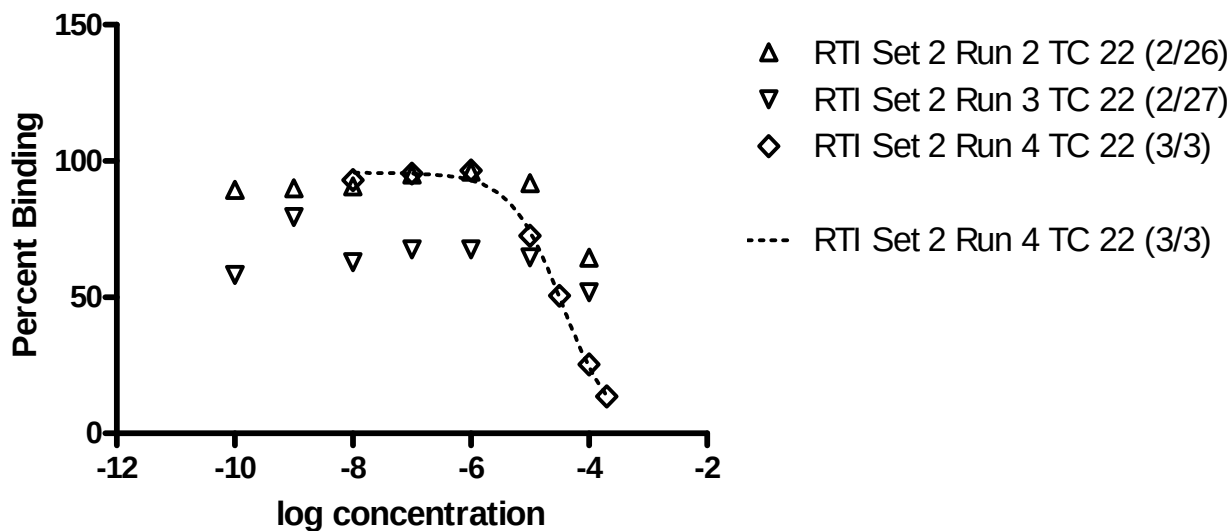
- △ RTI Set 2 Run 2 TC 16 (2/26)
- ▽ RTI Set 2 Run 3 TC 16 (2/27)
- ◇ RTI Set 2 Run 4 TC 16 (3/3)
- RTI Set 2 Run 2 TC 16 (2/26)
- RTI Set 2 Run 3 TC 16 (2/27)
- RTI Set 2 Run 4 TC 16 (3/3)

	RTI Set 2 Run 2 TC 16 (2/26)	RTI Set 2 Run 3 TC 16 (2/27)	RTI Set 2 Run 4 TC 16 (3/3)
logIC50			
Best-fit values			
Bottom	-0.448	-5.50	-1.57
Top	93.9	73.0	89.7
LogIC50	-5.22	-5.72	-5.22
HillSlope	-1.86	-0.865	-1.92
Std. Error			
Bottom	2.50	7.65	2.34
Top	1.23	2.25	1.59
LogIC50	0.0519	0.118	0.0202
HillSlope	0.431	0.217	0.220
95% Confidence Intervals			
Bottom	-5.75 to 4.85	-21.6 to 10.7	-6.45 to 3.30
Top	91.3 to 96.5	68.2 to 77.7	86.4 to 93.0
LogIC50	-5.33 to -5.11	-5.97 to -5.47	-5.26 to -5.18
HillSlope	-2.78 to -0.949	-1.32 to -0.407	-2.38 to -1.46
Goodness of Fit			
Degrees of Freedom	16	17	20
R ²	0.991	0.950	0.988
Absolute Sum of Squares	261	818	400
Sy x	4.04	6.93	4.47
Number of points			
Analyzed	20	21	24
Outliers (excluded, Q=1.0%)	1	0	0

log concentration	RTI Set 2 Run 2 TC 16 (2/26)
	Y1 Y2
-9.000	60.300

log concentration	RTI Set 2 Run 2 TC 16 (2/26)			RTI Set 2 Run 3 TC 16 (2/27)			RTI Set 2 Run 4 TC 16 (3/3)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.00000									
-4.00000	0.00000	1.00000	-0.60000						
-5.00000	28.20000	29.10000	29.50000						
-6.00000	89.90000	93.70000	89.80000						
-7.00000	91.70000	89.60000	97.20000						
-8.00000	88.10000	95.50000	93.90000						
-9.00000	86.80000	60.30000	103.20000						
-10.00000	99.50000	95.70000	91.20000						
-3.00000									
-4.00000				0.30000	0.30000	0.40000			
-5.00000				21.10000	25.10000	22.30000			
-6.00000				52.80000	71.30000	51.50000			
-7.00000				71.40000	66.00000	73.40000			
-8.00000				63.10000	65.10000	71.40000			
-9.00000				73.40000	81.90000	71.00000			
-10.00000				63.90000	86.50000	78.80000			
-3.00000									
-4.00000							0.500000	0.50000	0.20000
-5.00000							2.200000	1.60000	1.60000
-6.00000							30.000000	24.50000	28.10000
-7.00000							64.900000	62.00000	54.70000
-8.00000							78.000000	75.30000	83.10000
-9.00000							87.700000	82.90000	88.90000
-10.00000							86.000000	87.20000	95.70000
-3.00000							83.900000	94.40000	99.40000

RTI Set 2 Test Chemical 22

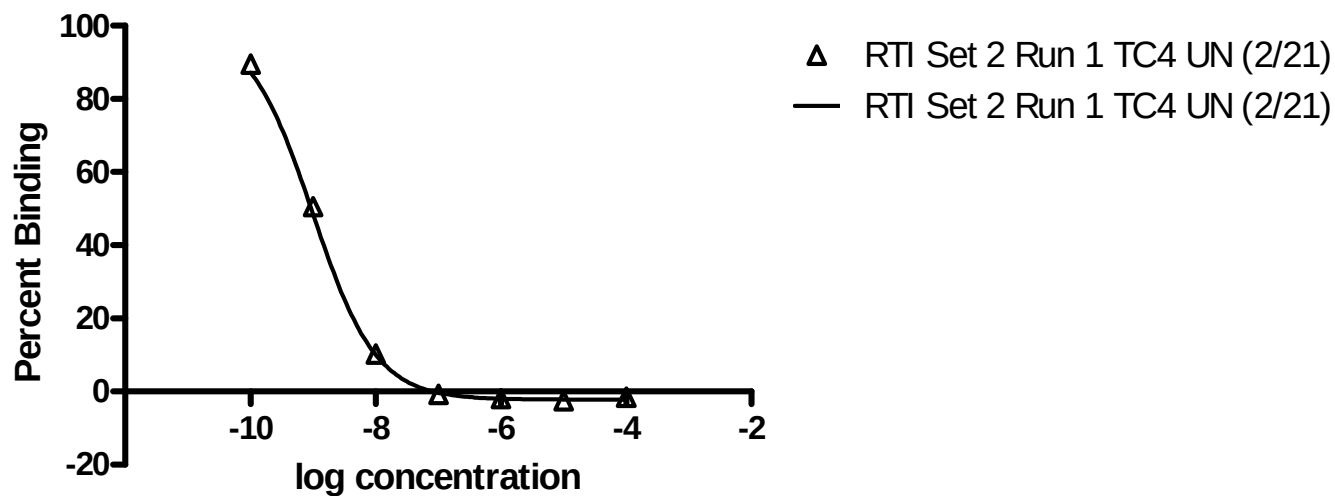


	RTI Set 2 Run 2 TC 22 (2/26)	RTI Set 2 Run 3 TC 22 (2/27)	RTI Set 2 Run 4 TC 22 (3/3)
logIC50	Not converged	Not converged	
Best-fit values			
Bottom			-0.495
Top			95.7
LogIC50			-4.50
HillSlope			-0.991
Std. Error			
Bottom			7.47
Top			1.30
LogIC50			0.0290
HillSlope			0.136
95% Confidence Intervals			
Bottom			-16.2 to 15.3
Top			92.9 to 98.4
LogIC50			-4.56 to -4.44
HillSlope			-1.28 to -0.704
Goodness of Fit			
Degrees of Freedom			17
R ²			0.991
Absolute Sum of Squares			191
Sy.x			3.36
Number of points			
Analyzed	21	21	21
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 2 Run 2 TC 22 (2/26)			RTI Set 2 Run 3 TC 22 (2/27)			RTI Set 2 Run 4 TC 22 (3/3)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.000000									
-4.000000	61.20000	64.30000	68.00000						
-5.000000	97.30000	95.20000	83.40000						
-6.000000	101.80000	88.00000	98.70000						
-7.000000	92.50000	99.60000	92.90000						
-8.000000	88.70000	88.70000	94.80000						
-9.000000	78.70000	99.30000	92.20000						
-10.000000	86.00000	90.40000	91.80000						
-3.000000				52.20000	42.800000	60.600000			
-4.000000				69.90000	67.000000	57.300000			
-5.000000				78.00000	63.000000	61.500000			
-6.000000				80.90000	54.100000	67.500000			
-7.000000				56.20000	62.300000	70.400000			
-8.000000				69.60000	86.600000	82.000000			
-9.000000				60.30000	54.100000	60.300000			
-3.000000									
-3.700000							12.10000	15.30000	13.20000
-4.000000							21.40000	22.70000	31.90000
-4.500000							50.50000	48.80000	52.40000
-5.000000							72.10000	71.40000	74.30000
-6.000000							98.20000	96.10000	95.20000
-7.000000							97.80000	93.00000	95.60000
-8.000000							90.40000	91.70000	96.90000

RTI Set 2

Test Chemical 4 (UN)



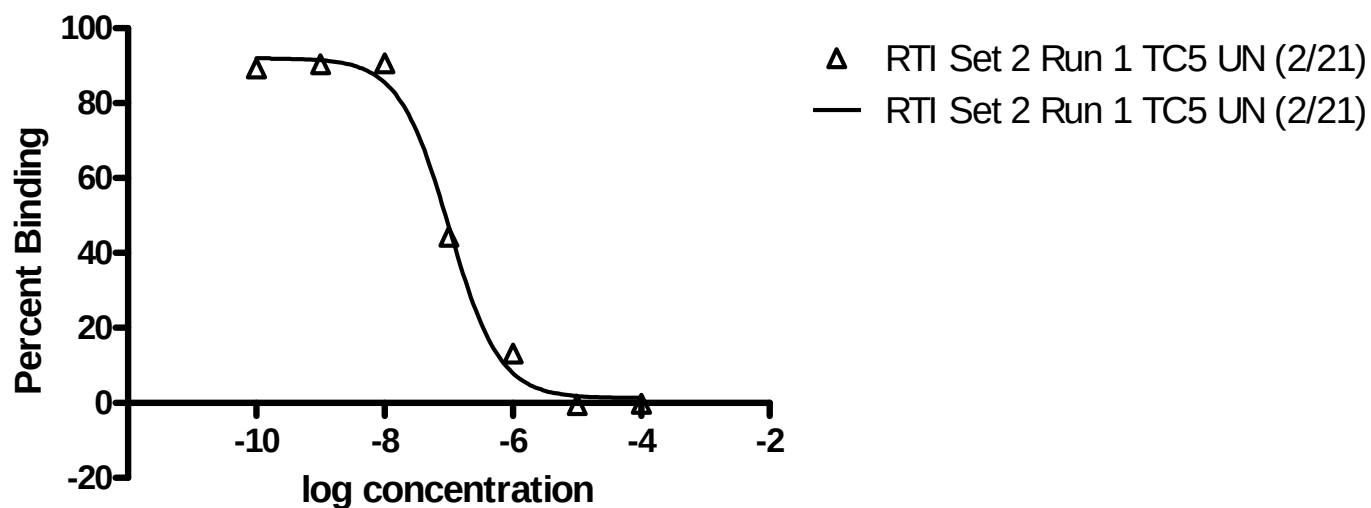
	RTI Set 2 Run 1 TC4 UN (2/21)
logIC50	
Best-fit values	
Bottom	-2.24
Top	99.8
LogIC50	-9.03
HillSlope	-0.857
Std. Error	
Bottom	0.283
Top	1.72
LogIC50	0.0125
HillSlope	0.0292
95% Confidence Intervals	
Bottom	-2.84 to -1.64
Top	96.2 to 104
LogIC50	-9.06 to -9.00
HillSlope	-0.920 to -0.795
Goodness of Fit	
Degrees of Freedom	15
R ²	0.999
Absolute Sum of Squares	11.6
Sy.x	0.880
Number of points	
Analyzed	19
Outliers (excluded, Q=1.0%)	2

log concentration	RTI Set 2 Run 1 TC4 UN (2/21)	
	Y1	Y2
-9.000		54.680
-10.000	94.190	

log concentration	RTI Set 2 Run 1 TC4 UN (2/21)		
	Y1	Y2	Y3
-3.00000	0.68000	0.68000	0.68000
-4.00000	-0.84000	-2.4100	-1.40000
-5.00000	-2.08000	-2.9500	-2.73000
-6.00000	-2.54000	-1.3700	-2.07000
-7.00000	-0.22000	-0.8600	-1.13000
-8.00000	11.28000	9.6700	9.76000
-9.00000	47.33000	54.6800	49.57000
-10.00000	94.19000	86.2300	88.35000

RTI Set 2

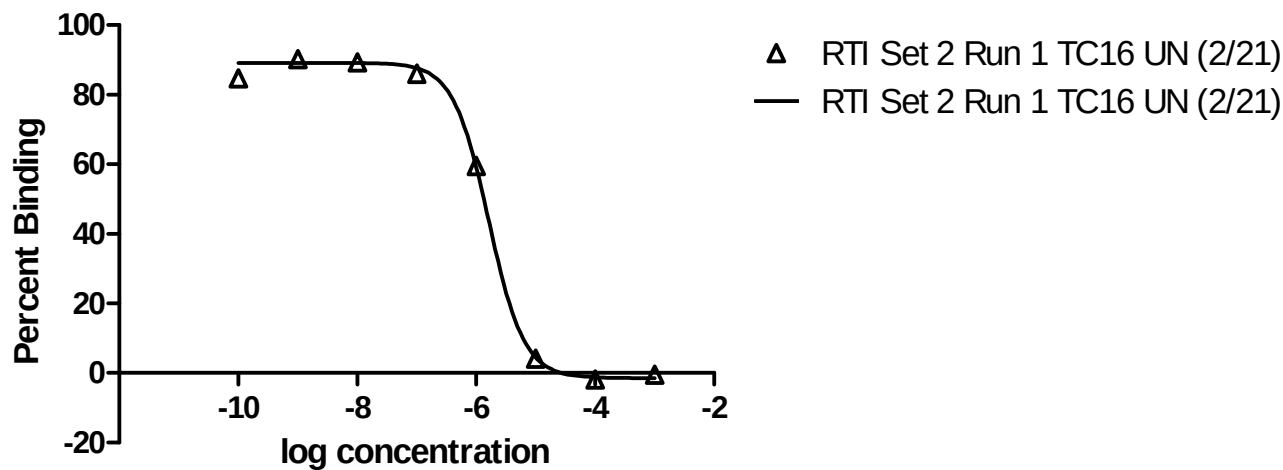
Test Chemical 5 (UN)



RTI Set 2 Run 1 TC5 UN (2/21)	
logIC50	
Best-fit values	
Bottom	1.25
Top	92.0
LogIC50	-7.05
HillSlope	-1.11
Std. Error	
Bottom	2.33
Top	2.31
LogIC50	0.0538
HillSlope	0.206
95% Confidence Intervals	
Bottom	-3.65 to 6.16
Top	87.1 to 96.8
LogIC50	-7.16 to -6.94
HillSlope	-1.54 to -0.673
Goodness of Fit	
Degrees of Freedom	17
R ²	0.984
Absolute Sum of Squares	531
Sy.x	5.59
Number of points	
Analyzed	21
Outliers (excluded, Q=1.0%)	0

log concentration	RTI Set 2 Run 1 TC5 UN (2/21)		
	Y1	Y2	Y3
-3.0			
-4.0	-0.10000	-0.8000	0.30000
-5.0	-0.30000	-1.3000	0.00000
-6.0	10.00000	20.7000	8.70000
-7.0	44.30000	43.8000	45.10000
-8.0	93.50000	84.4000	94.20000
-9.0	84.30000	98.8000	87.80000
-10.0	85.00000	89.2000	93.60000

RTI Set 2 Test Chemical 16 (UN)



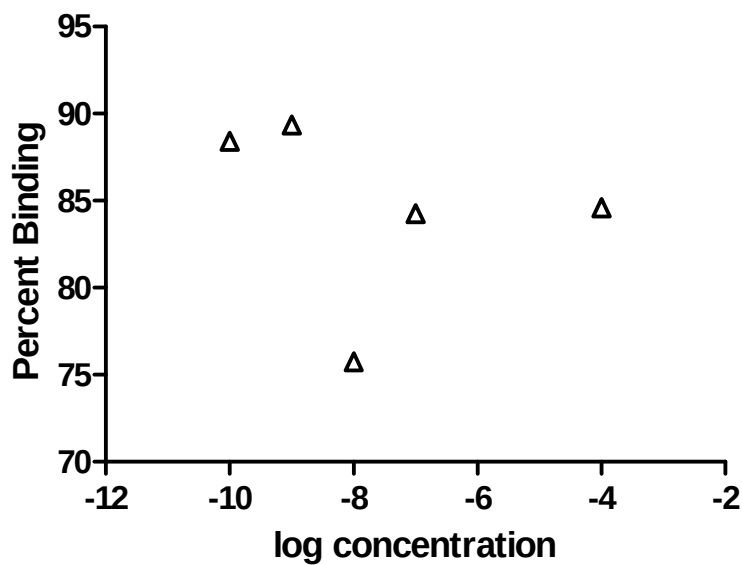
RTI Set 2 Run 1 TC16 UN (2/21)	
logIC50	
Best-fit values	
Bottom	-1.43
Top	89.2
LogIC50	-5.87
HillSlope	-1.46
Std. Error	
Bottom	1.04
Top	0.780
LogIC50	0.0217
HillSlope	0.134
95% Confidence Intervals	
Bottom	-3.61 to 0.753
Top	87.6 to 90.8
LogIC50	-5.91 to -5.82
HillSlope	-1.74 to -1.18
Goodness of Fit	
Degrees of Freedom	19
R ²	0.997
Absolute Sum of Squares	117
Sy.x	2.48
Number of points	
Analyzed	23
Outliers (excluded, Q=1.0%)	1

log concentration	RTI Set 2 Run 1 TC16 UN (2/21)		
	Y1	Y2	Y3
-10.000			75.600

log concentration	RTI Set 2 Run 1 TC16 UN (2/21)		
	Y1	Y2	Y3
-3.0	0.1	-0.9	-0.6
-4.0	-2.2	-1.8	-1.6
-5.0	4.4	5.0	3.1
-6.0	61.8	56.2	60.7
-7.0	90.3	87.0	81.0
-8.0	84.8	91.5	91.7
-9.0	92.1	89.5	89.2
-10.0	89.0	89.8	75.6

RTI Set 2

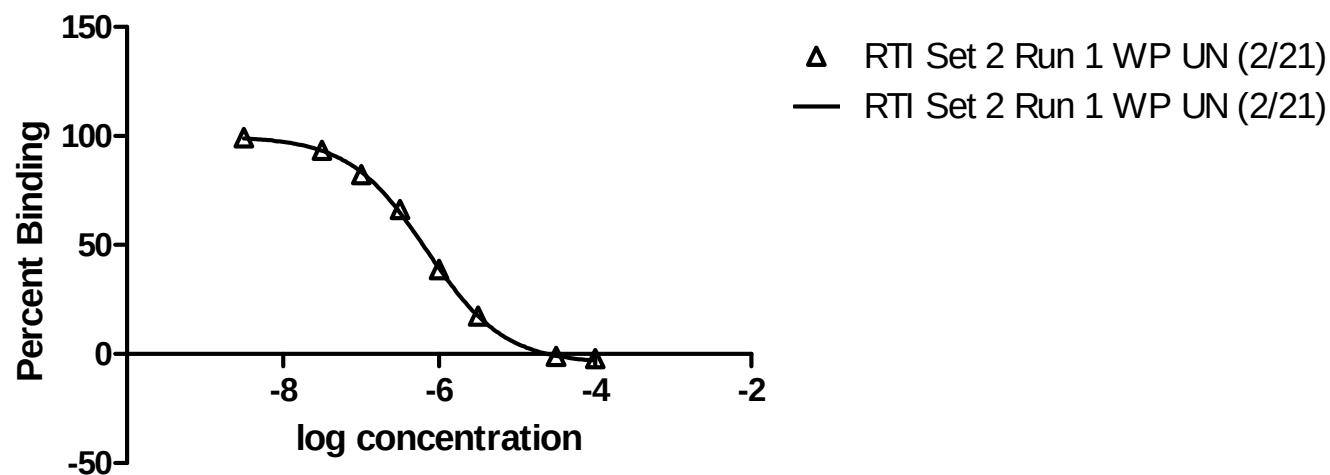
Test Chemical 22 (UN)



RTI Set 2 Run 1 TC22 UN (2/21)	
logIC50	Not converged
Best-fit values	
Bottom	
Top	
LogIC50	
HillSlope	
Std. Error	
Bottom	
Top	
LogIC50	
HillSlope	
95% Confidence Intervals	
Bottom	
Top	
LogIC50	
HillSlope	
Goodness of Fit	
Degrees of Freedom	
R ²	
Absolute Sum of Squares	
Sy.x	
Number of points	
Analyzed	12
Outliers (excluded, Q=1.0%)	0

log concentration	RTI Set 2 Run 1 TC22 UN (2/21)		
	Y1	Y2	Y3
-3.0			
-4.0	96.0	96.0	84.6
-5.0	96.4	96.2	96.1
-6.0	96.6	96.0	97.0
-7.0	82.8	85.7	96.6
-8.0	74.4	74.7	78.1
-9.0	88.0	89.5	90.5
-10.0	85.9	91.3	88.0

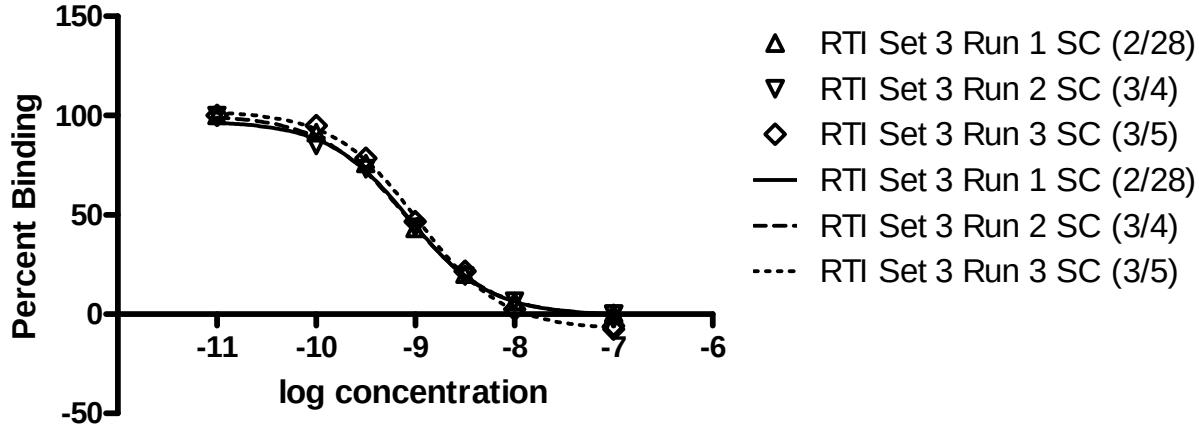
RTI Set 2 Norethynodrel (UN)



RTI Set 2 Run 1 WP UN (2/21)	
logIC50	
Best-fit values	
Bottom	-4.39
Top	99.8
LogIC50	-6.20
HillSlope	-0.874
Std. Error	
Bottom	3.31
Top	2.85
LogIC50	0.0368
HillSlope	0.0990
95% Confidence Intervals	
Bottom	-11.3 to 2.57
Top	93.8 to 106
LogIC50	-6.28 to -6.13
HillSlope	-1.08 to -0.666
Goodness of Fit	
Degrees of Freedom	18
R ²	0.986
Absolute Sum of Squares	448
Sy.x	4.99
Number of points	
Analyzed	22
Outliers (excluded, Q=1.0%)	0

log concentration	RTI Set 2 Run 1 WP UN (2/21)		
	Y1	Y2	Y3
-4.00000	-2.10000		
-4.50000	0.05000	-0.24000	-3.07000
-5.00000	16.90000	18.42000	17.02000
-6.00000	45.48000	34.12000	36.76000
-6.50000	71.07000	68.13000	59.59000
-7.00000	78.79000	85.39000	82.37000
-7.50000	84.17000	105.20000	90.76000
-8.50000	103.43000	98.69000	95.58000

RTI Set 3 Estradiol reference

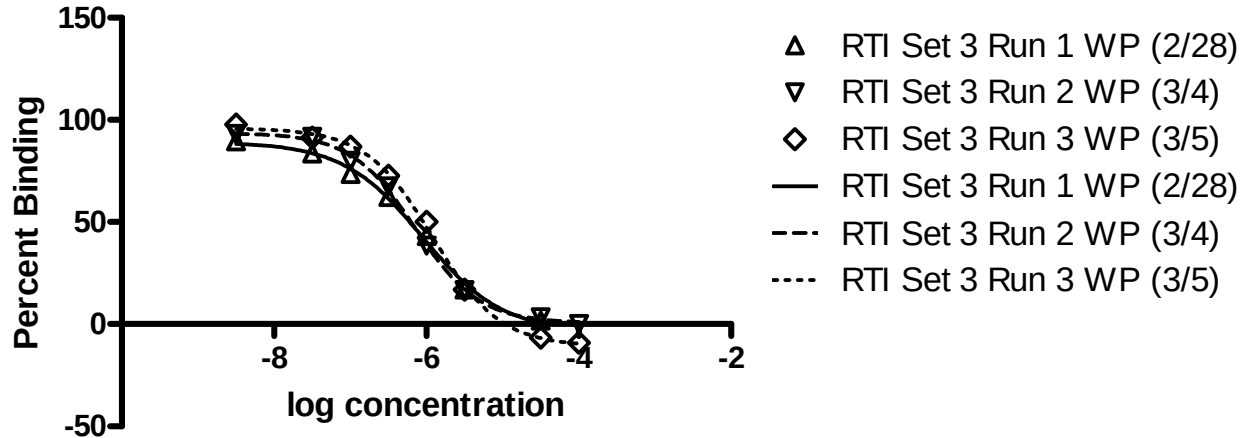


	RTI Set 3 Run 1 SC (2/28)	RTI Set 3 Run 2 SC (3/4)	RTI Set 3 Run 3 SC (3/5)
logIC50			
Best-fit values			
Bottom	-0.471	-0.892	-7.77
Top	97.2	100	102
LogIC50	-9.09	-9.10	-9.01
HillSlope	-1.06	-1.00	-1.02
Std. Error			
Bottom	0.995	0.892	1.61
Top	1.64	1.29	1.76
LogIC50	0.0176	0.0144	0.0194
HillSlope	0.0595	0.0444	0.0622
95% Confidence Intervals			
Bottom	-2.57 to 1.63	-2.76 to 0.975	-11.2 to -4.38
Top	93.7 to 101	97.6 to 103	98.6 to 106
LogIC50	-9.13 to -9.05	-9.13 to -9.07	-9.05 to -8.97
HillSlope	-1.19 to -0.935	-1.10 to -0.910	-1.15 to -0.891
Goodness of Fit			
Degrees of Freedom	17	19	18
R ²	0.997	0.998	0.996
Absolute Sum of Squares	92.6	80.6	166
Sy.x	2.33	2.06	3.04
Number of points			
Analyzed	21	23	22
Outliers (excluded, Q=1.0%)	3	1	0

log concentration	RTI Set 3 Run 1 SC (2/28)			Set 3 Run 2 SC	
	Y1	Y2	Y3	Y1	
-9.500		79.890			
-10.000	99.060				
-11.000		107.600			
-10.000				82.400	

log concentration	RTI Set 3 Run 1 SC (2/28)			RTI Set 3 Run 2 SC (3/4)			RTI Set 3 Run 3 SC (3/5)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-7.000000	1.800000	-0.350000	-0.270000						
-7.000000	-0.800000	-1.190000	0.800000						
-8.000000	6.530000	6.590000	5.890000						
-8.500000	22.070000	18.640000	19.700000						
-9.000000	44.740000	42.740000	42.230000						
-9.500000	77.870000	79.890000	69.740000						
-10.000000	99.060000	85.560000	89.640000						
-11.000000	92.960000	107.600000	99.440000						
-7.000000				0.290000	0.040000	-0.010000			
-7.000000				0.100000	-0.230000	-0.190000			
-8.000000				6.610000	6.710000	6.200000			
-8.500000				20.590000	19.240000	17.850000			
-9.000000				46.810000	44.630000	39.640000			
-9.500000				73.480000	73.130000	73.210000			
-10.000000				82.400000	85.800000	86.370000			
-11.000000				99.210000	103.490000	97.300000			
-7.000000							-7.150000	-7.250000	-8.340000
-7.000000							99.000000	9.820000	-5.960000
-8.000000							3.680000	3.080000	0.580000
-8.500000							24.880000	21.490000	18.160000
-9.000000							47.260000	49.810000	42.770000
-9.500000							83.000000	73.420000	79.200000
-10.000000							93.830000	98.090000	92.670000
-11.000000							100.450000	99.380000	100.170000

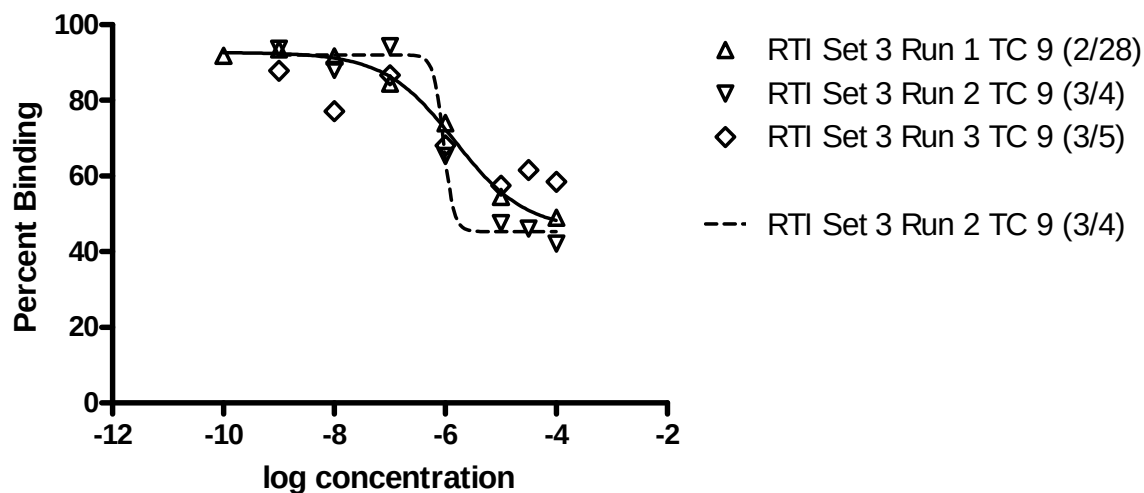
RTI Set 3 Norethynodrel



	RTI Set 3 Run 1 WP (2/28)	RTI Set 3 Run 2 WP (3/4)	RTI Set 3 Run 3 WP (3/5)
logIC50			
Best-fit values			
Bottom	-3.81	0.554	-10.9
Top	89.1	93.6	95.9
LogIC50	-6.22	-6.20	-6.04
HillSlope	-0.834	-1.03	-0.992
Std. Error			
Bottom	3.31	2.14	1.89
Top	2.11	2.05	1.67
LogIC50	0.0321	0.0309	0.0244
HillSlope	0.0870	0.0997	0.0770
95% Confidence Intervals			
Bottom	-10.8 to 3.17	-3.92 to 5.03	-14.8 to -6.91
Top	84.7 to 93.6	89.3 to 97.9	92.4 to 99.4
LogIC50	-6.28 to -6.15	-6.26 to -6.13	-6.09 to -5.99
HillSlope	-1.02 to -0.650	-1.24 to -0.825	-1.15 to -0.832
Goodness of Fit			
Degrees of Freedom	17	19	20
R ²	0.989	0.989	0.994
Absolute Sum of Squares	227	327	258
Sy.x	3.65	4.15	3.59
Number of points			
Analyzed	21	23	24
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 3 Run 1 WP (2/28)			RTI Set 3 Run 2 WP (3/4)			RTI Set 3 Run 3 WP (3/5)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-4.00000	91.59000	86.54000	90.64000						
-4.50000	1.15000	0.81000	3.06000						
-5.00000	16.07000	17.46000	17.85000						
-6.00000	44.90000	42.07000	42.66000						
-6.50000	61.43000	61.70000	63.45000						
-7.00000	70.99000	71.34000	78.63000						
-7.50000	85.97000	76.25000	88.51000						
-8.00000	91.59000	86.54000	90.64000						
-4.00000				-0.13000	-55.74000	0.24000			
-4.50000				1.95000	1.85000	6.27000			
-5.00000				18.67000	15.96000	15.45000			
-6.00000				38.47000	35.14000	41.76000			
-6.50000				65.39000	72.09000	64.85000			
-7.00000				75.04000	84.19000	80.68000			
-7.50000				93.51000	86.86000	94.71000			
-8.00000				84.74000	100.55000	94.00000			
-4.00000							-7.740000	-10.250000	-9.470000
-4.50000							-6.580000	-6.610000	-6.770000
-5.00000							16.660000	16.980000	17.330000
-6.00000							53.100000	48.650000	48.330000
-6.50000							79.340000	72.950000	65.960000
-7.00000							82.260000	93.550000	85.080000
-7.50000							93.780000	87.580000	92.950000
-8.00000							98.970000	98.180000	96.240000

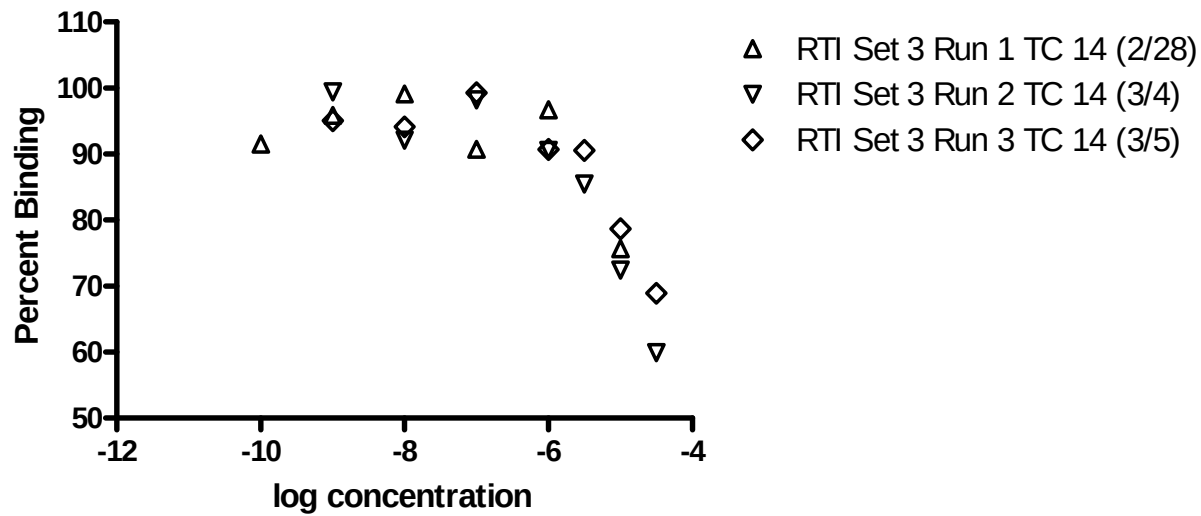
RTI Set 3 Test Chemical 9



	RTI Set 3 Run 1 TC 9 (2/28)	RTI Set 3 Run 2 TC 9 (3/4)	RTI Set 3 Run 3 TC 9 (3/5)
logIC50		Ambiguous	Not converged
Best-fit values			
Bottom	45.8	45.3	
Top	92.6	92.0	
LogIC50	-4.36	~ -5.83	
HillSlope	-0.685	~ -4.77	
Std. Error			
Bottom	4.18	1.60	
Top	1.68	1.77	
LogIC50	0.314	~ 41.6	
HillSlope	0.175	~ 1152	
95% Confidence Intervals			
Bottom	37.0 to 54.6	41.9 to 48.7	
Top	89.1 to 96.1	88.2 to 95.7	
LogIC50	-5.02 to -3.69	(Very wide)	
HillSlope	-1.05 to -0.316	(Very wide)	
Goodness of Fit			
Degrees of Freedom	17	17	
R ²	0.953	0.966	
Absolute Sum of Squares	305	349	
Sy.x	4.24	4.53	
Number of points			
Analyzed	21	21	21
Outliers (excluded, Q=1.0%)	0	0	0

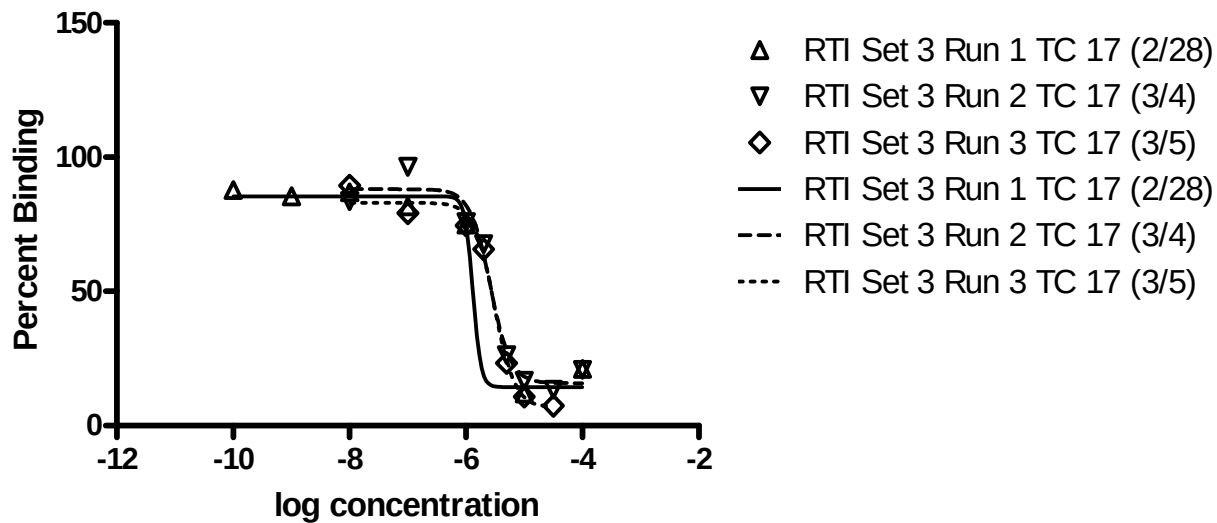
log concentration	RTI Set 3 Run 1 TC 9 (2/28)			RTI Set 3 Run 2 TC 9 (3/4)			RTI Set 3 Run 3 TC 9 (3/5)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.00000									
-4.00000	51.33000	48.6300	46.82000						
-5.00000	53.57000	59.2100	50.55000						
-6.00000	72.77000	70.4200	78.68000						
-7.00000	90.37000	87.8100	75.17000						
-8.00000	91.91000	93.2300	89.80000						
-9.00000	96.07000	93.7200	90.69000						
-10.00000	95.55000	87.1800	92.67000						
-3.50000									
-4.00000				49.23000	36.61000	40.65000			
-4.50000				50.84000	42.39000	45.17000			
-5.00000				46.02000	47.05000	49.59000			
-6.00000				63.32000	65.61000	66.86000			
-7.00000				94.44000	90.82000	97.66000			
-8.00000				86.32000	85.01000	92.70000			
-9.00000				98.31000	93.08000	89.45000			
-3.50000									
-4.00000							58.19000	62.63000	54.58000
-4.50000							65.18000	62.63000	56.85000
-5.00000							56.80000	55.04000	60.64000
-6.00000							69.62000	73.56000	61.06000
-7.00000							82.86000	88.88000	88.14000
-8.00000							77.17000	78.14000	76.01000
-9.00000							77.72000	92.07000	93.60000

RTI Set 3 Test Chemical 14



	RTI Set 3 Run 1 TC 14 (2/28)	RTI Set 3 Run 2 TC 14 (3/4)	RTI Set 3 Run 3 TC 14 (3/5)
logIC50	Not converged	Not converged	Not converged
Best-fit values			
Bottom			
Top			
LogIC50			
HillSlope			
Std. Error			
Bottom			
Top			
LogIC50			
HillSlope			
95% Confidence Intervals			
Bottom			
Top			
LogIC50			
HillSlope			
Goodness of Fit			
Degrees of Freedom			
R ²			
Absolute Sum of Squares			
Sy x			
Number of points			
Analyzed	18	21	21
Outliers (excluded, Q=1.0%)	0	0	0

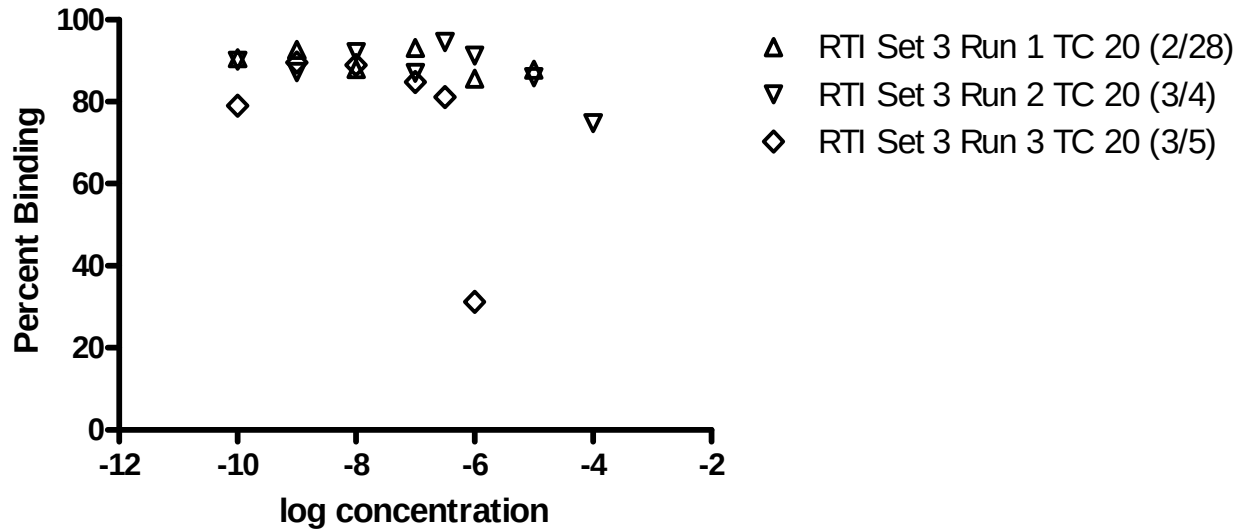
log concentration	RTI Set 3 Run 1 TC 14 (2/28)			RTI Set 3 Run 2 TC 14 (3/4)			RTI Set 3 Run 3 TC 14 (3/5)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.000000									
-4.000000	309.600000	302.700000	304.900000						
-5.000000	78.60000	77.000000	71.40000						
-6.000000	96.20000	93.000000	100.90000						
-7.000000	89.80000	87.300000	95.10000						
-8.000000	97.40000	98.500000	101.50000						
-9.000000	98.30000	94.000000	95.30000						
-10.000000	90.90000	91.900000	91.70000						
-4.000000				249.100000	261.000000	262.200000			
-4.500000				57.700000	62.60000	59.500000			
-5.000000				71.100000	70.20000	76.000000			
-5.500000				82.500000	88.20000	85.700000			
-6.000000				99.200000	89.60000	82.900000			
-7.000000				94.100000	98.80000	101.800000			
-8.000000				84.800000	89.00000	102.600000			
-9.000000				96.900000	102.90000	98.400000			
-4.000000							309.600000	302.700000	304.900000
-4.500000							66.40000	68.90000	71.400000
-5.000000							78.60000	76.90000	80.500000
-5.500000							87.10000	97.40000	87.300000
-6.000000							96.60000	83.80000	91.800000
-7.000000							95.20000	103.80000	98.900000
-8.000000							99.40000	95.20000	87.800000
-9.000000							97.70000	93.40000	94.100000



	RTI Set 3 Run 1 TC 17 (2/28)	RTI Set 3 Run 2 TC 17 (3/4)	RTI Set 3 Run 3 TC 17 (3/5)
logIC50	Ambiguous		
Best-fit values			
Bottom	14.3	15.8	6.78
Top	85.5	88.1	83.1
LogIC50	~ -5.88	-5.56	-5.56
HillSlope	~ -6.38	-2.49	-2.48
Std. Error			
Bottom	4.52	2.21	3.00
Top	1.31	2.27	2.21
LogIC50	~ 249	0.0319	0.0303
HillSlope	~ 13431	0.411	0.386
95% Confidence Intervals			
Bottom	4.69 to 24.0	11.2 to 20.5	0.458 to 13.1
Top	82.7 to 88.3	83.4 to 92.9	78.4 to 87.7
LogIC50	(Very wide)	-5.63 to -5.49	-5.62 to -5.50
HillSlope	(Very wide)	-3.35 to -1.63	-3.29 to -1.66
Goodness of Fit			
Degrees of Freedom	15	20	17
R ²	0.980	0.972	0.975
Absolute Sum of Squares	307	689	568
Sy.x	4.52	5.87	5.78
Number of points			
Analyzed	19	24	21
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 3 Run 1 TC 17 (2/28)			RTI Set 3 Run 2 TC 17 (3/4)			RTI Set 3 Run 3 TC 17 (3/5)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.00000									
-4.00000	33.70000	33.30000	21.20000						
-5.00000	13.80000	12.40000	9.90000						
-6.00000	74.50000	77.00000	73.30000						
-7.00000	79.30000	79.90000	86.00000						
-8.00000	80.30000	91.20000	89.20000						
-9.00000	81.20000	83.40000	91.70000						
-10.00000	85.90000	90.00000	87.50000						
-4.00000				20.50000	22.10000	19.80000			
-4.50000				12.00000	15.10000	13.30000			
-5.00000				18.50000	17.60000	13.80000			
-5.30000				28.00000	26.10000	24.70000			
-5.70000				66.10000	69.80000	66.80000			
-6.00000				78.50000	71.40000	77.50000			
-7.00000				96.10000	96.80000	96.50000			
-8.00000				76.30000	88.90000	85.80000			
-4.00000							20.20000	20.0000	20.70000
-4.50000							8.500000	7.70000	6.00000
-5.00000							11.100000	10.90000	10.40000
-5.30000							21.700000	29.10000	19.00000
-5.70000							62.500000	72.60000	62.00000
-6.00000							71.000000	71.10000	81.70000
-7.00000							73.000000	82.70000	82.00000
-8.00000							84.200000	87.90000	96.10000

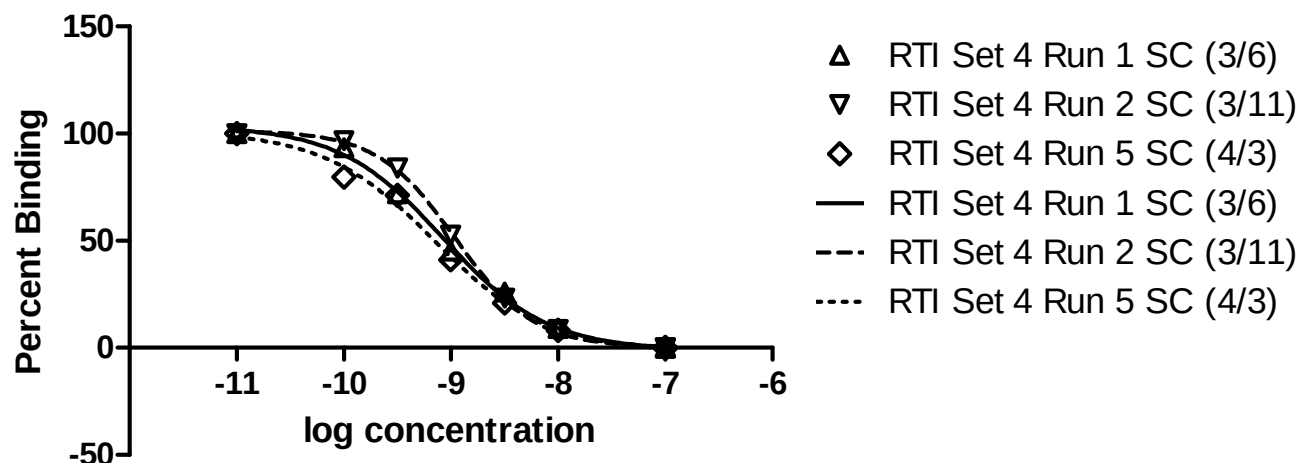
RTI Set 3 Test Chemical 20



	RTI Set 3 Run 1 TC 20 (2/28)	RTI Set 3 Run 2 TC 20 (3/4)	RTI Set 3 Run 3 TC 20 (3/5)
logIC50	Not converged	Not converged	Not converged
Best-fit values			
Bottom			
Top			
LogIC50			
HillSlope			
Std. Error			
Bottom			
Top			
LogIC50			
HillSlope			
95% Confidence Intervals			
Bottom			
Top			
LogIC50			
HillSlope			
Goodness of Fit			
Degrees of Freedom			
R ²			
Absolute Sum of Squares			
Sy.x			
Number of points			
Analyzed	18	24	16
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 3 Run 1 TC 20 (2/28)			RTI Set 3 Run 2 TC 20 (3/4)			RTI Set 3 Run 3 TC 20 (3/5)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.000000									
-4.000000	125.200000	110.200000	110.200000						
-5.000000	88.700000	88.900000	85.700000						
-6.000000	90.100000	83.700000	83.100000						
-7.000000	91.000000	96.700000	91.600000						
-8.000000	86.600000	90.100000	87.200000						
-9.000000	93.300000	91.200000	93.400000						
-10.000000	90.800000	89.900000	91.200000						
-4.000000				80.900000	71.200000	72.300000			
-5.000000				83.800000	90.500000	83.500000			
-6.000000				94.100000	90.600000	88.900000			
-6.500000				94.400000	97.200000	92.100000			
-7.000000				80.800000	92.200000	88.100000			
-8.000000				90.100000	94.900000	91.100000			
-9.000000				82.900000	91.100000	87.700000			
-10.000000				88.500000	88.100000	93.200000			
-4.000000							86.700000	110.500000	110.400000
-5.000000							89.200000	89.900000	89.900000
-6.000000							84.400000		89.200000
-6.500000								31.200000	
-7.000000							82.500000	78.400000	82.500000
-8.000000							79.700000	89.200000	85.500000
-9.000000							95.200000	83.200000	88.500000
-10.000000							91.400000	86.200000	91.000000
							76.600000	78.100000	82.500000

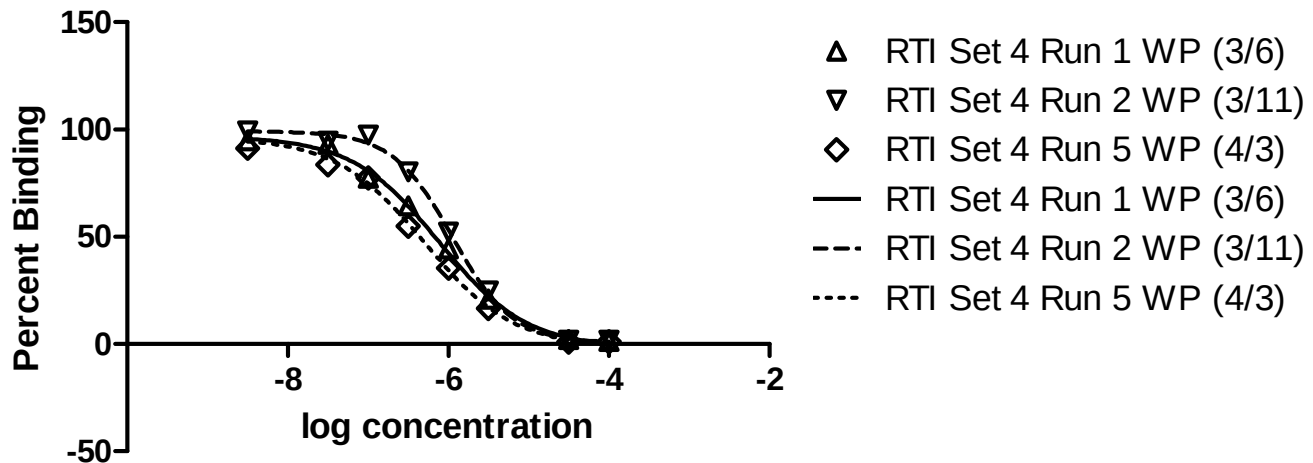
RTI Set 4 Estradiol reference



	RTI Set 4 Run 1 SC (3/6)	RTI Set 4 Run 2 SC (3/11)	RTI Set 4 Run 5 SC (4/3)
logIC50			
Best-fit values			
Bottom	-1.096	0.1428	-1.924
Top	103.6	101.4	101.2
LogIC50	-9.049	-8.942	-9.152
HillSlope	-0.8945	-1.188	-0.8342
Std. Error			
Bottom	1.813	1.493	1.811
Top	2.560	1.880	2.732
LogIC50	0.02738	0.02277	0.02810
HillSlope	0.07289	0.08928	0.06932
95% Confidence Intervals			
Bottom	-4.879 to 2.687	-2.972 to 3.257	-5.701 to 1.853
Top	98.27 to 109.0	97.51 to 105.4	95.46 to 106.9
LogIC50	-9.106 to -8.992	-8.990 to -8.895	-9.211 to -9.094
HillSlope	-1.047 to -0.7424	-1.374 to -1.002	-0.9788 to -0.6896
Goodness of Fit			
Degrees of Freedom	20	20	20
R ²	0.9918	0.9934	0.9916
Absolute Sum of Squares	291.3	263.4	270.4
Sy x	3.816	3.629	3.677
Number of points			
Analyzed	24	24	24
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 4 Run 1 SC (3/6)			RTI Set 4 Run 2 SC (3/11)			RTI Set 4 Run 5 SC (4/3)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-7.000000	0.440000	-0.350000	0.730000						
-7.000000	-0.060000	-0.350000	-0.420000						
-8.000000	10.610000	9.010000	7.730000						
-8.500000	28.990000	24.920000	24.250000						
-9.000000	49.980000	40.420000	45.100000						
-9.500000	77.780000	70.790000	66.960000						
-10.000000	95.730000	97.250000	87.140000						
-11.000000	103.540000	100.530000	95.930000						
-7.000000				-0.010000	-0.010000	0.020000			
-7.000000				0.210000	0.330000	-0.540000			
-8.000000				10.150000	7.210000	8.380000			
-8.500000				27.930000	22.350000	19.300000			
-9.000000				57.270000	49.740000	50.740000			
-9.500000				90.020000	84.680000	77.160000			
-10.000000				99.080000	95.200000	95.930000			
-11.000000				93.240000	102.300000	104.450000			
-7.000000							-0.67	0.39	-0.29
-7.000000							0.16	0.36	0.05
-8.000000							6.72	10.53	6.85
-8.500000							21.65	24.26	16.87
-9.000000							43.49	37.98	41.71
-9.500000							71.40	71.27	70.92
-10.000000							83.79	77.66	77.59
-11.000000							95.38	104.55	100.07

RTI Set 4 Norethynodrel

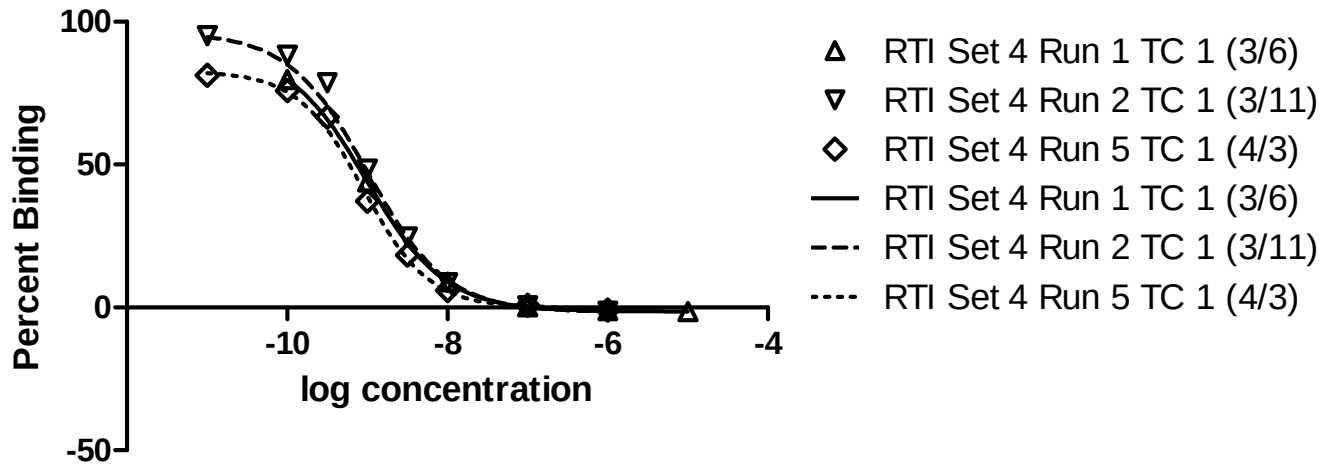


	RTI Set 4 Run 1 WP (3/6)	RTI Set 4 Run 2 WP (3/11)	RTI Set 4 Run 5 WP (4/3)
logIC50			
Best-fit values			
Bottom	-1.841	0.4634	-1.868
Top	96.84	99.15	96.29
LogIC50	-6.169	-5.950	-6.356
HillSlope	-0.7988	-1.160	-0.7832
Std. Error			
Bottom	2.392	2.349	1.574
Top	2.460	1.695	1.994
LogIC50	0.03348	0.02636	0.02172
HillSlope	0.07902	0.1062	0.05140
95% Confidence Intervals			
Bottom	-6.831 to 3.149	-4.471 to 5.398	-5.176 to 1.440
Top	91.71 to 102.0	95.59 to 102.7	92.10 to 100.5
LogIC50	-6.238 to -6.099	-6.005 to -5.895	-6.402 to -6.311
HillSlope	-0.9636 to -0.6340	-1.383 to -0.9371	-0.8912 to -0.6752
Goodness of Fit			
Degrees of Freedom	20	18	18
R ²	0.9894	0.9908	0.9953
Absolute Sum of Squares	332.0	287.4	119.0
Sy.x	4.074	3.996	2.571
Number of points			
Analyzed	24	22	22
Outliers (excluded, Q=1.0%)	0	0	1

	log concentration	RTI Set 4 Run 5 WP (4/3)		
		Y1	Y2	Y3
	-8.500			81.600

log concentration	RTI Set 4 Run 1 WP (3/6)			RTI Set 4 Run 2 WP (3/11)			RTI Set 4 Run 5 WP (4/3)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-4.00000	0.37000	1.98000	1.17000						
-4.50000	1.68000	1.98000	2.80000						
-5.00000	20.32000	20.70000	21.56000						
-6.00000	51.62000	39.64000	42.21000						
-6.50000	63.64000	59.82000	69.73000						
-7.00000	74.03000	80.66000	76.96000						
-7.50000	88.90000	92.53000	98.00000						
-8.50000	93.23000	91.36000	99.52000						
-4.00000				57.0000	1.67000	79.70000			
-4.50000				2.07000	1.45000	1.69000			
-5.00000				23.66000	26.37000	24.10000			
-6.00000				55.85000	51.01000	49.36000			
-6.50000				80.11000	82.03000	78.84000			
-7.00000				91.40000	99.19000	101.46000			
-7.50000				91.02000	97.43000	95.16000			
-8.50000				91.40000	102.19000	104.15000			
-4.00000							43.63		
-4.50000							0.53	0.96	1.09
-5.00000							17.49	16.00	16.31
-6.00000							38.50	36.03	31.72
-6.50000							57.55	56.63	50.64
-7.00000							78.04	77.70	76.29
-7.50000							81.94	84.20	84.57
-8.50000							96.10	96.03	81.60

RTI Set 4 Test Chemical 1

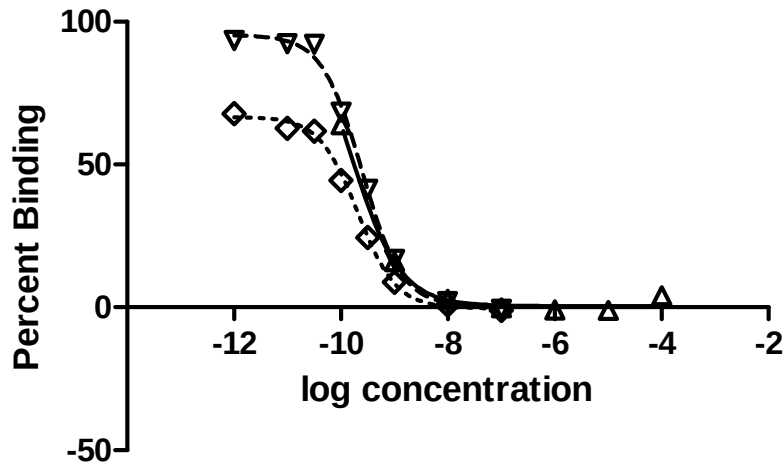


	RTI Set 4 Run 1 TC 1 (3/6)	RTI Set 4 Run 2 TC 1 (3/11)	RTI Set 4 Run 5 TC 1 (4/3)
logIC50			
Best-fit values			
Bottom	-1.423	-1.592	-0.1845
Top	90.92	96.29	82.71
LogIC50	-9.129	-9.049	-9.221
HillSlope	-0.8801	-0.8861	-1.064
Std. Error			
Bottom	0.5113	0.5767	0.9646
Top	2.323	1.266	1.380
LogIC50	0.01809	0.01180	0.02299
HillSlope	0.05148	0.03056	0.06586
95% Confidence Intervals			
Bottom	-2.520 to -0.3260	-2.821 to -0.3631	-2.203 to 1.834
Top	85.94 to 95.90	93.59 to 98.99	79.82 to 85.60
LogIC50	-9.168 to -9.090	-9.074 to -9.024	-9.269 to -9.173
HillSlope	-0.9906 to -0.7697	-0.9512 to -0.8210	-1.202 to -0.9266
Goodness of Fit			
Degrees of Freedom	14	15	19
R ²	0.9985	0.9988	0.9955
Absolute Sum of Squares	25.09	24.06	107.6
Sy.x	1.339	1.266	2.379
Number of points			
Analyzed	18	19	23
Outliers (excluded, Q=1.0%)	0	5	1

log concentration	RTI Set 4 Run 2 TC 1 (3/11)			RTI Set 4 Run 5 TC 1 (4/3)	
	Y1	Y2	Y3	Y1	Y2
-9.500		87.520	80.530		
-10.000		94.890			
-11.000	88.940	101.110			
-9.500					72.980

log concentration	RTI Set 4 Run 1 TC 1 (3/6)			RTI Set 4 Run 2 TC 1 (3/11)			RTI Set 4 Run 5 TC 1 (4/3)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.00000									
-4.00000									
-5.00000									
-6.00000									
-7.00000									
-8.00000									
-9.00000									
-10.00000									
-6.00000				-1.36000	-1.43000	-1.27000			
-7.00000				-0.24000	1.06000	0.99000			
-8.00000				8.38000	8.99000	8.78000			
-8.50000				25.24000	24.34000	24.38000			
-9.00000				49.74000	47.48000	48.05000			
-9.50000				68.09000	87.52000	80.53000			
-10.00000				86.91000	94.89000	83.26000			
-11.00000				88.94000	101.11000	95.39000			
-6.00000							-0.92	-1.28	-0.68
-7.00000							1.05	0.10	0.80
-8.00000							5.84	6.18	5.73
-8.50000							21.25	18.18	15.55
-9.00000							36.68	38.60	36.17
-9.50000							62.89	72.98	64.25
-10.00000							72.91	80.19	74.86
-11.00000							78.01	79.99	86.04

RTI Set 4 Test Chemical 3



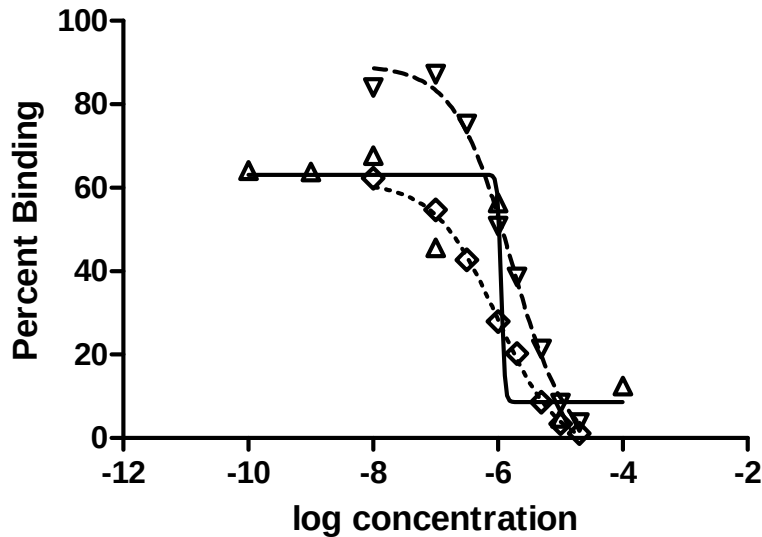
- ▲ RTI Set 4 Run 1 TC 3 (3/6)
 ▼ RTI Set 4 Run 2 TC 3 (3/11)
 ◇ RTI Set 4 Run 5 TC 3 (4/3)
 — RTI Set 4 Run 1 TC 3 (3/6)
 - - - RTI Set 4 Run 2 TC 3 (3/11)
 . . . RTI Set 4 Run 5 TC 3 (4/3)

	RTI Set 4 Run 1 TC 3 (3/6)	RTI Set 4 Run 2 TC 3 (3/11)	RTI Set 4 Run 5 TC 3 (4/3)
logIC50			
Best-fit values			
Bottom	0.4517	0.2731	-0.3487
Top	106.7	95.32	66.69
LogIC50	-9.755	-9.639	-10.08
HillSlope	-0.9388	-1.167	-1.207
Std. Error			
Bottom	0.7493	1.788	0.8598
Top	72.60	1.836	0.9308
LogIC50	0.09456	0.02781	0.03012
HillSlope	0.3870	0.1042	0.07855
95% Confidence Intervals			
Bottom	-1.129 to 2.033	-3.456 to 4.002	-2.148 to 1.451
Top	-46.47 to 259.9	91.49 to 99.15	64.74 to 68.64
LogIC50	-9.954 to -9.555	-9.697 to -9.581	-10.14 to -10.02
HillSlope	-1.755 to -0.1223	-1.384 to -0.9493	-1.371 to -1.042
Goodness of Fit			
Degrees of Freedom	17	20	19
R ²	0.9902	0.9905	0.9956
Absolute Sum of Squares	98.59	338.5	78.69
Sy.x	2.408	4.114	2.035
Number of points			
Analyzed	21	24	23
Outliers (excluded, Q=1.0%)	0	0	1

log concentration	RTI Set 4 Run 5 TC 3 (4/3)		
	Y1	Y2	Y3
-10.000			39.150

log concentration	RTI Set 4 Run 1 TC 3 (3/6)			RTI Set 4 Run 2 TC 3 (3/11)			RTI Set 4 Run 5 TC 3 (4/3)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.000000									
-4.000000	4.04000	3.900000	4.32000						
-5.000000	-0.77000	-1.460000	-1.08000						
-6.000000	-0.64000	-1.340000	-0.93000						
-7.000000	-0.63000	-1.020000	1.03000						
-8.000000	5.25000	1.670000	1.48000						
-9.000000	17.18000	16.020000	14.59000						
-10.000000	64.46000	67.350000	60.01000						
-7.000000				-0.150000	-1.01000	-0.870000			
-8.000000				1.810000	2.97000	1.410000			
-9.000000				18.960000	17.88000	13.590000			
-9.500000				37.800000	42.52000	43.790000			
-10.000000				71.240000	71.51000	62.260000			
-10.500000				96.660000	87.87000	91.670000			
-11.000000				86.290000	90.86000	99.880000			
-12.000000				95.820000	91.51000	92.940000			
-7.000000							-0.83	-1.06	-1.17
-8.000000							1.12	1.22	0.26
-9.000000							8.57	9.23	8.57
-9.500000							26.09	25.85	21.35
-10.000000							47.15	47.05	39.15
-10.500000							64.77	62.17	58.10
-11.000000							63.36	63.84	61.00
-12.000000							68.80	65.45	69.08

RTI Set 4 Test Chemical 8



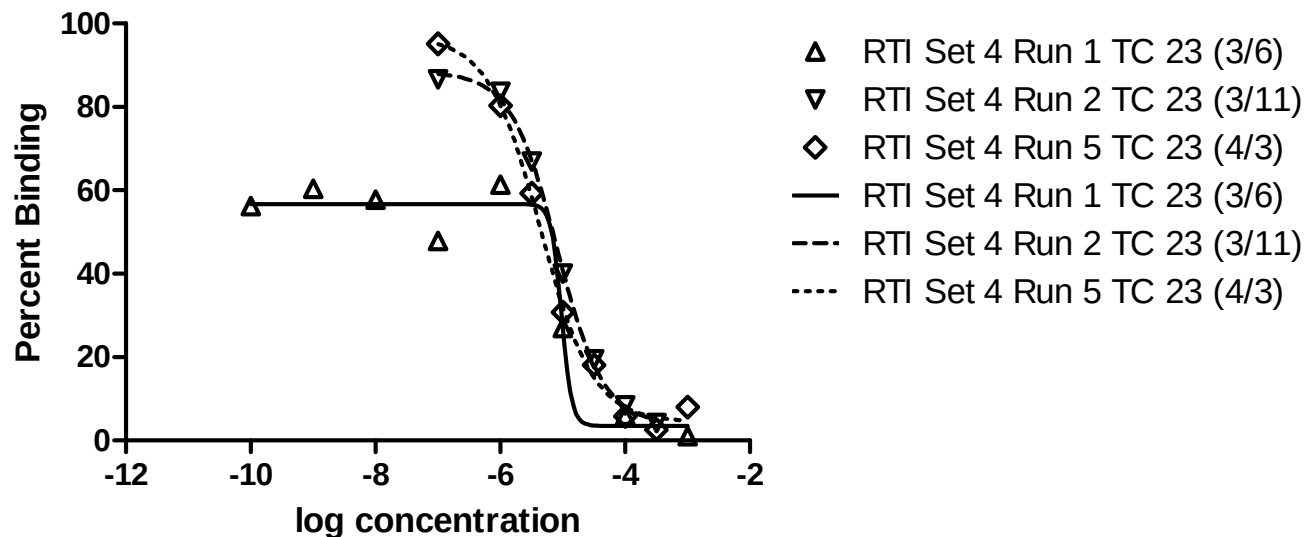
- △ RTI Set 4 Run 1 TC 8 (3/6)
- ▽ RTI Set 4 Run 2 TC 8 (3/11)
- ◇ RTI Set 4 Run 5 TC 8 (4/3)
- RTI Set 4 Run 1 TC 8 (3/6)
- RTI Set 4 Run 2 TC 8 (3/11)
- RTI Set 4 Run 5 TC 8 (4/3)

	RTI Set 4 Run 1 TC 8 (3/6)	RTI Set 4 Run 2 TC 8 (3/11)	RTI Set 4 Run 5 TC 8 (4/3)
logIC50	Ambiguous		
Best-fit values			
Bottom	8.602	-4.092	-3.532
Top	63.14	89.33	61.35
LogIC50	~ -5.978	-5.932	-6.785
HillSlope	~ -16.05	-0.9639	-0.8724
Std. Error			
Bottom	6.492	3.265	1.707
Top	10.63	1.883	1.380
LogIC50	~ 3.516e+016	0.01987	0.03625
HillSlope	~ 2.587e+019	0.08777	0.06868
95% Confidence Intervals			
Bottom	-5.161 to 22.36	-10.95 to 2.767	-7.105 to 0.04097
Top	40.60 to 85.69	85.37 to 93.29	58.46 to 64.24
LogIC50	(Very wide)	-5.974 to -5.890	-6.861 to -6.709
HillSlope	(Very wide)	-1.148 to -0.7795	-1.016 to -0.7286
Goodness of Fit			
Degrees of Freedom	16	18	19
R ²	0.9035	0.9936	0.9948
Absolute Sum of Squares	1275	130.9	51.97
Sy.x	8.928	2.697	1.654
Number of points			
Analyzed	20	22	23
Outliers (excluded, Q=1.0%)	1	2	1

log concentration	RTI Set 4 Run 1 TC 8 (3/6)			RTI Set 4 Run 2 TC 8 (3/11)			RTI Set 4 Run 5 TC 8 (4/3)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-7.000		29.150							
-7.000					94.820				
-8.000				76.500					
-8.000									67.880

log concentration	RTI Set 4 Run 1 TC 8 (3/6)			RTI Set 4 Run 2 TC 8 (3/11)			RTI Set 4 Run 5 TC 8 (4/3)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.00000									
-4.00000	12.98000	12.21000	12.20000						
-5.00000	2.10000	4.51000	7.61000						
-6.00000	61.34000	54.63000	53.14000						
-7.00000	72.04000	29.15000	35.66000						
-8.00000	65.95000	73.56000	63.68000						
-9.00000	62.12000	71.53000	57.71000						
-10.00000	70.83000	58.57000	62.90000						
-4.70000				3.77000	4.14000	3.17000			
-5.00000				7.51000	9.16000	8.35000			
-5.30000				23.64000	21.23000	19.35000			
-5.70000				38.80000	38.15000	39.03000			
-6.00000				47.25000	52.78000	52.39000			
-6.50000				77.96000	70.51000	77.46000			
-7.00000				86.10000	94.82000	80.73000			
-8.00000				76.50000	87.21000	88.29000			
-4.70000							0.87	1.04	1.50
-5.00000							3.23	3.19	3.90
-5.30000							8.25	8.14	9.51
-5.70000							19.77	21.37	19.69
-6.00000							28.85	27.53	27.47
-6.50000							46.33	41.75	40.00
-7.00000							55.87	56.18	52.11
-8.00000							59.98	58.95	67.88

RTI Set 4 Test Chemical 23



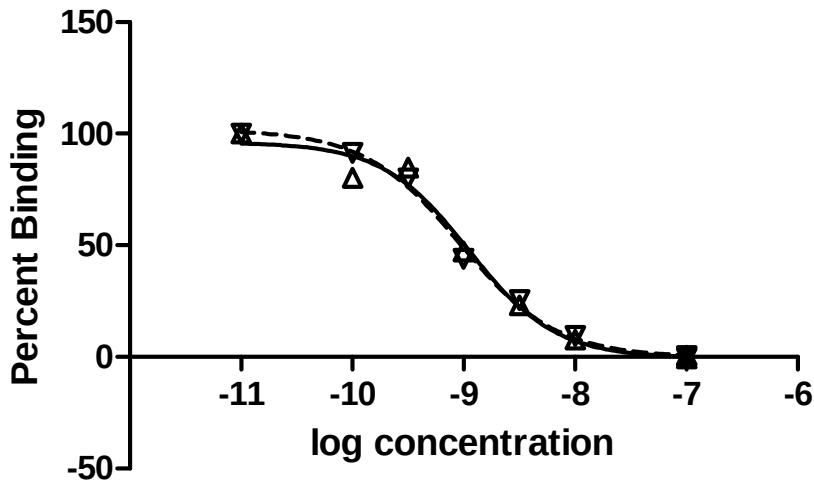
	RTI Set 4 Run 1 TC 23 (3/6)	RTI Set 4 Run 2 TC 23 (3/11)	RTI Set 4 Run 5 TC 23 (4/3)
logIC50	Ambiguous		
Best-fit values			
Bottom	3.528	3.875	4.437
Top	56.73	88.37	96.86
LogIC50	~ -5.178	-5.158	-5.342
HillSlope	~ -5.283	-1.169	-1.033
Std. Error			
Bottom	5.013	1.654	1.502
Top	3.171	1.647	2.520
LogIC50	~ 271.2	0.02256	0.02752
HillSlope	~ 8060	0.09526	0.09198
95% Confidence Intervals			
Bottom	-6.928 to 13.98	0.3858 to 7.364	1.303 to 7.571
Top	50.11 to 63.34	84.89 to 91.85	91.61 to 102.1
LogIC50	(Very wide)	-5.206 to -5.111	-5.399 to -5.284
HillSlope	(Very wide)	-1.370 to -0.9679	-1.225 to -0.8413
Goodness of Fit			
Degrees of Freedom	20	17	20
R ²	0.8345	0.9936	0.9902
Absolute Sum of Squares	2514	142.6	268.8
Sy.x	11.21	2.896	3.666
Number of points			
Analyzed	24	21	24
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 4 Run 5 TC 3 (4/3)		
	Y1	Y2	Y3
-10.000			39.150

log concentration	RTI Set 4 Run 1 TC 23 (3/6)			RTI Set 4 Run 2 TC 23 (3/11)			RTI Set 4 Run 5 TC 23 (4/3)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.000000	1.07000	0.96000	1.16000						
-4.000000	6.91000	7.02000	4.05000						
-5.000000	9.63000	34.16000	37.45000						
-6.000000	62.08000	49.51000	72.54000						
-7.000000	65.67000	33.56000	44.48000						
-8.000000	65.87000	45.69000	61.93000						
-9.000000	62.94000	73.87000	44.28000						
-10.000000	53.10000	48.30000	67.12000						
-3.000000				3.70000	3.500000	5.310000			
-4.000000				8.88000	7.910000	8.550000			
-4.500000				20.71000	20.280000	17.440000			
-5.000000				41.76000	39.380000	39.110000			
-5.500000				69.36000	66.020000	65.220000			
-6.000000				86.18000	87.290000	77.390000			
-7.000000				89.79000	81.950000	88.060000			
-3.000000							10.52	10.12	3.40
-3.500000							2.14	2.74	2.92
-4.000000							5.33	5.77	6.36
-4.500000							19.10	17.84	17.44
-5.000000							32.27	30.65	29.35
-5.500000							60.12	59.70	58.03
-6.000000							80.43	77.01	83.31
-7.000000							98.29	86.97	100.10

RTI Set 4

Estradiol reference (UN)

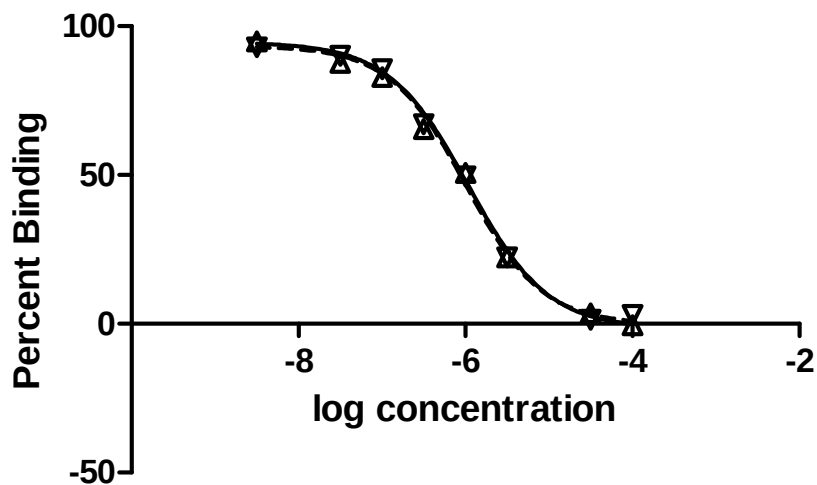


- △ RTI Set 4 Run 3 SC UN (3/13)
- ▽ RTI Set 4 Run 4 SC UN (3/18)
- RTI Set 4 Run 3 SC UN (3/13)
- RTI Set 4 Run 4 SC UN (3/18)

	RTI Set 4 Run 3 SC UN (3/13)	RTI Set 4 Run 4 SC UN (3/18)
logIC50		
Best-fit values		
Bottom	-0.4934	-0.1052
Top	96.10	101.7
LogIC50	-8.990	-9.021
HillSlope	-1.114	-1.013
Std. Error		
Bottom	2.747	4.373
Top	3.483	5.955
LogIC50	0.04432	0.06828
HillSlope	0.1567	0.2120
95% Confidence Intervals		
Bottom	-6.224 to 5.237	-9.227 to 9.016
Top	88.84 to 103.4	89.31 to 114.2
LogIC50	-9.083 to -8.898	-9.164 to -8.879
HillSlope	-1.441 to -0.7869	-1.455 to -0.5703
Goodness of Fit		
Degrees of Freedom	20	20
R ²	0.9765	0.9478
Absolute Sum of Squares	833.6	1990
Sy.x	6.456	9.976
Number of points		
Analyzed	24	24
Outliers (excluded, Q=1.0%)	0	0

log concentration	RTI Set 4 Run 3 SC UN (3/13)			RTI Set 4 Run 4 SC UN (3/18)		
	Y1	Y2	Y3	Y1	Y2	Y3
-7.000000	1.370000	-0.200000	0.410000			
-7.000000	-0.070000	-1.480000	-0.040000			
-8.000000	8.380000	7.670000	6.950000			
-8.500000	25.910000	22.730000	20.480000			
-9.000000	54.050000	42.530000	45.210000			
-9.500000	87.150000	88.490000	78.770000			
-10.000000	88.170000	75.690000	76.700000			
-11.000000	104.280000	98.340000	97.380000			
-7.000000				-0.43	-0.72	2.34
-7.000000				0.75	-0.08	-1.86
-8.000000				10.02	8.03	10.07
-8.500000				30.39	20.46	25.33
-9.000000				58.56	34.14	38.95
-9.500000				90.35	81.62	67.53
-10.000000				105.55	77.71	91.03
-11.000000				116.55	105.55	77.91

RTI Set 4 Norethynodrel (UN)



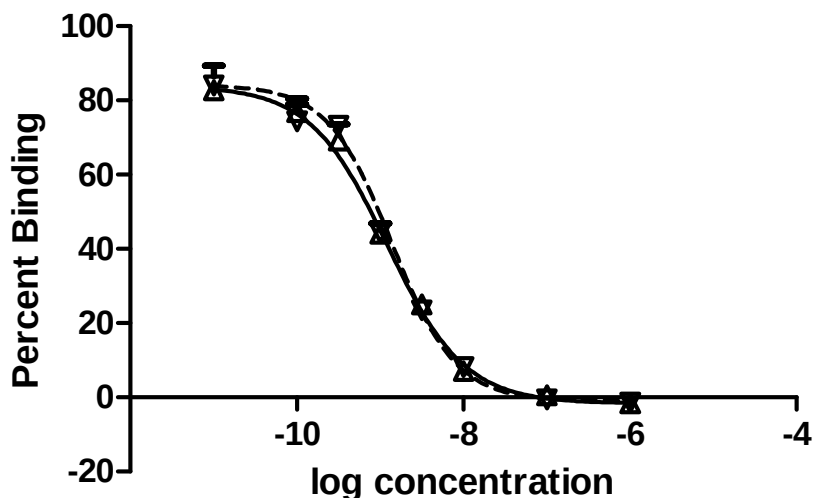
- △ RTI Set 4 Run 3 WP UN (3/13)
- ▽ RTI Set 4 Run 4 WP UN (3/18)
- RTI Set 4 Run 3 WP UN (3/13)
- RTI Set 4 Run 4 WP UN (3/18)

	RTI Set 4 Run 3 WP UN (3/13)	RTI Set 4 Run 4 WP UN (3/18)
logIC50		
Best-fit values		
Bottom	-1.689	-0.1766
Top	94.60	93.40
LogIC50	-6.036	-6.062
HillSlope	-0.9112	-0.9524
Std. Error		
Bottom	2.304	3.576
Top	2.190	3.368
LogIC50	0.03371	0.05318
HillSlope	0.09579	0.1577
95% Confidence Intervals		
Bottom	-6.529 to 3.152	-7.637 to 7.284
Top	89.99 to 99.20	86.37 to 100.4
LogIC50	-6.107 to -5.965	-6.173 to -5.951
HillSlope	-1.112 to -0.7100	-1.281 to -0.6234
Goodness of Fit		
Degrees of Freedom	18	20
R ²	0.9899	0.9708
Absolute Sum of Squares	305.7	929.4
Sy.x	4.121	6.817
Number of points		
Analyzed	22	24
Outliers (excluded, Q=1.0%)	2	0

log concentration	4 Run 3 WP UN
	Y1
-6.500	55.380
-7.500	80.200

log concentration	RTI Set 4 Run 3 WP UN (3/13)			RTI Set 4 Run 4 WP UN (3/18)		
	Y1	Y2	Y3	Y1	Y2	Y3
-4.00000	-0.610000	-0.860000	0.070000			
-4.50000	1.780000	2.600000	6.470000			
-5.00000	22.410000	21.350000	23.270000			
-6.00000	55.930000	49.300000	46.960000			
-6.50000	55.380000	70.480000	70.300000			
-7.00000	78.170000	85.730000	84.800000			
-7.50000	80.200000	82.460000	100.410000			
-8.50000	94.800000	94.800000	95.300000			
-4.00000				-1.17	0.70	9.19
-4.50000				1.41	1.70	0.77
-5.50000				23.45	20.76	22.88
-6.00000				49.01	45.44	54.12
-6.50000				76.99	53.79	70.52
-7.00000				79.11	89.00	88.57
-7.50000				85.19	98.41	86.49
-8.50000				82.20	90.69	105.93

RTI Set 4 Test Chemical 1 (UN)



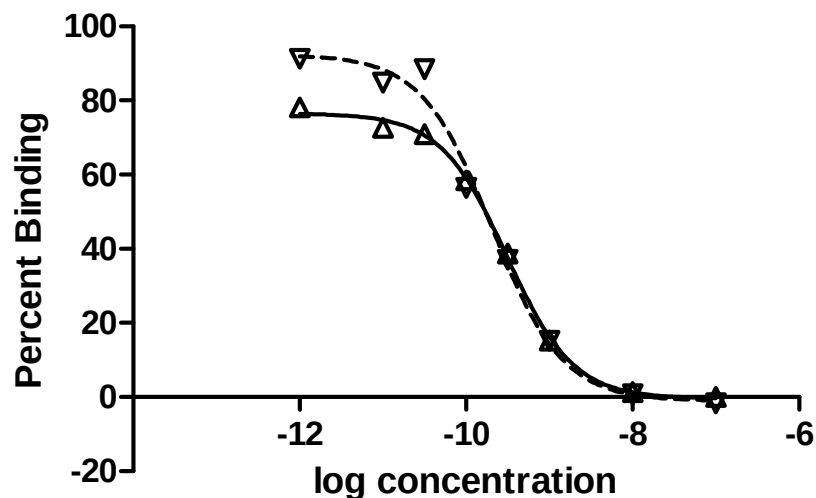
- ▲ RTI Set 4 Run 3 TC 1 UN (3/13)
 ▼ RTI Set 4 Run 4 TC 1 UN (3/18)
 — RTI Set 4 Run 3 TC 1 UN (3/13)
 --- RTI Set 4 Run 4 TC 1 UN (3/18)

	RTI Set 4 Run 3 TC 1 UN (3/13)	RTI Set 4 Run 4 TC 1 UN (3/18)
logIC50		
Best-fit values		
Bottom	-1.640	-0.9998
Top	83.89	84.14
LogIC50	-9.111	-9.013
HillSlope	-0.9361	-1.129
Std. Error		
Bottom	1.315	1.038
Top	1.770	1.878
LogIC50	0.02933	0.02368
HillSlope	0.07057	0.07619
95% Confidence Intervals		
Bottom	-4.393 to 1.112	-3.200 to 1.201
Top	80.18 to 87.59	80.16 to 88.12
LogIC50	-9.173 to -9.050	-9.064 to -8.963
HillSlope	-1.084 to -0.7884	-1.290 to -0.9670
Goodness of Fit		
Degrees of Freedom	19	16
R ²	0.9931	0.9953
Absolute Sum of Squares	167.6	98.76
Sy.x	2.970	2.484
Number of points		
Analyzed	23	20
Outliers (excluded, Q=1.0%)	1	4

log concentration	RTI Set 4 Run 3 TC 1 UN (3/13)			RTI Set 4 Run 4 TC 1 UN (3/18)		
	Y1	Y2	Y3	Y1	Y2	Y3
-9.500			77.760			
-9.000					39.800	
-10.000						66.380
-11.000				75.490	93.680	

log concentration	RTI Set 4 Run 3 TC 1 UN (3/13)			RTI Set 4 Run 4 TC 1 UN (3/18)		
	Y1	Y2	Y3	Y1	Y2	Y3
-6.00000	-1.30000	-2.11000	-1.61000			
-7.00000	1.34000	-0.40000	0.62000			
-8.00000	7.11000	7.85000	6.26000			
-8.50000	26.00000	23.35000	25.65000			
-9.00000	40.50000	44.56000	47.05000			
-9.50000	63.16000	66.62000	77.76000			
-10.00000	71.13000	83.47000	75.96000			
-11.00000	78.27000	85.54000	84.30000			
-6.00000				-1.84	-0.68	-1.89
-7.00000				-0.17	-0.96	-0.47
-8.00000				7.93	8.29	8.33
-8.50000				23.03	24.67	22.72
-9.00000				48.82	39.80	44.04
-9.50000				72.31	75.49	71.73
-10.00000				74.53	82.25	66.38
-11.00000				75.49	93.68	83.07

RTI Set 4 Test Chemical 3 (UN)



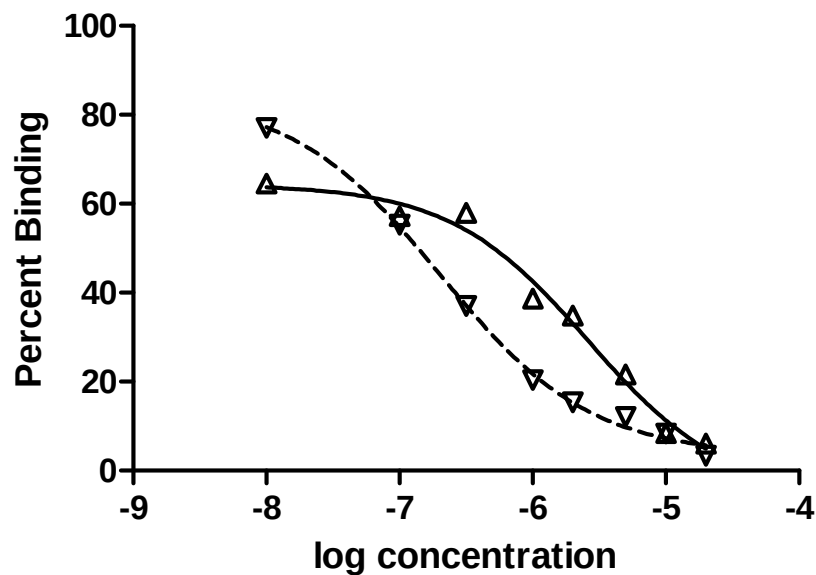
- ▲ RTI Set 4 Run 3 TC 3 UN (3/13)
 ▼ RTI Set 4 Run 4 TC 3 UN (3/18)
 — RTI Set 4 Run 3 TC 3 UN (3/13)
 --- RTI Set 4 Run 4 TC 3 UN (3/18)

	RTI Set 4 Run 3 TC 3 UN (3/13)	RTI Set 4 Run 4 TC 3 UN (3/18)
logIC50		
Best-fit values		
Bottom	-0.4021	-1.053
Top	76.52	92.33
LogIC50	-9.767	-9.766
HillSlope	-1.090	-1.027
Std. Error		
Bottom	2.590	2.809
Top	2.548	3.149
LogIC50	0.05697	0.04707
HillSlope	0.1703	0.1428
95% Confidence Intervals		
Bottom	-5.804 to 5.000	-6.914 to 4.808
Top	71.21 to 81.84	85.76 to 98.90
LogIC50	-9.886 to -9.648	-9.865 to -9.668
HillSlope	-1.445 to -0.7350	-1.325 to -0.7288
Goodness of Fit		
Degrees of Freedom	20	20
R ²	0.9721	0.9761
Absolute Sum of Squares	645.4	788.1
Sy.x	5.680	6.277
Number of points		
Analyzed	24	24
Outliers (excluded, Q=1.0%)	0	0

log concentration	RTI Set 4 Run 3 TC 3 UN (3/13)			RTI Set 4 Run 4 TC 3 UN (3/18)		
	Y1	Y2	Y3	Y1	Y2	Y3
-7.000000	3.71000	-1.94000	-1.630000			
-8.000000	1.23000	1.31000	1.560000			
-9.000000	17.38000	14.01000	14.250000			
-9.500000	40.35000	40.07000	35.720000			
-10.000000	69.06000	54.46000	51.970000			
-10.500000	62.70000	78.54000	71.680000			
-11.000000	83.33000	61.14000	73.340000			
-12.000000	74.40000	81.86000	78.310000			
-7.000000				-1.08	-1.90	-2.05
-8.000000				1.49	0.41	0.36
-9.000000				15.18	16.71	13.44
-9.500000				33.57	33.78	43.90
-10.000000				60.83	50.46	58.18
-10.500000				88.81	91.27	85.14
-11.000000				92.09	85.09	77.52
-12.000000				101.83	82.44	89.63

RTI Set 4

Test Chemical 8 (UN)

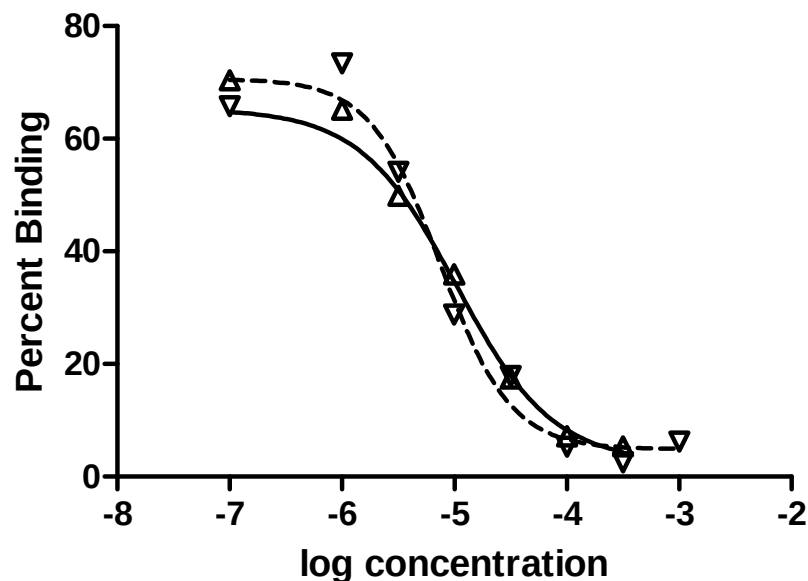


	RTI Set 4 Run 3 TC 8 UN (3/13)	RTI Set 4 Run 4 TC 8 UN (3/18)
logIC50		
Best-fit values		
Bottom	-5.887	3.443
Top	64.34	84.40
LogIC50	-6.291	-6.861
HillSlope	-0.8362	-0.7715
Std. Error		
Bottom	10.69	3.577
Top	3.230	6.737
LogIC50	0.09349	0.06758
HillSlope	0.2279	0.1687
95% Confidence Intervals		
Bottom	-28.20 to 16.42	-4.018 to 10.90
Top	57.60 to 71.08	70.34 to 98.45
LogIC50	-6.486 to -6.096	-7.002 to -6.720
HillSlope	-1.312 to -0.3608	-1.123 to -0.4195
Goodness of Fit		
Degrees of Freedom	20	20
R ²	0.9521	0.9645
Absolute Sum of Squares	536.8	515.3
Sy.x	5.181	5.076
Number of points		
Analyzed	24	24
Outliers (excluded, Q=1.0%)	0	0

log concentration	RTI Set 4 Run 3 TC 8 UN (3/13)			RTI Set 4 Run 4 TC 8 UN (3/18)		
	Y1	Y2	Y3	Y1	Y2	Y3
-4.70000	6.550000	5.48000	6.32000			
-5.00000	10.070000	8.71000	6.56000			
-5.30000	22.980000	21.72000	20.26000			
-5.70000	34.120000	37.81000	32.74000			
-6.00000	36.760000	37.46000	41.98000			
-6.50000	62.010000	57.22000	54.69000			
-7.00000	59.110000	50.45000	62.01000			
-8.00000	52.620000	67.26000	73.62000			
-4.70000				5.80	3.76	0.54
-5.00000				9.19	7.98	8.00
-5.30000				12.17	11.85	12.28
-5.70000				20.12	7.33	18.62
-6.00000				25.35	16.10	19.65
-6.50000				39.07	38.77	33.32
-7.00000				57.26	60.44	48.14
-8.00000				88.18	67.87	75.01

RTI Set 4

Test Chemical 23 (UN)



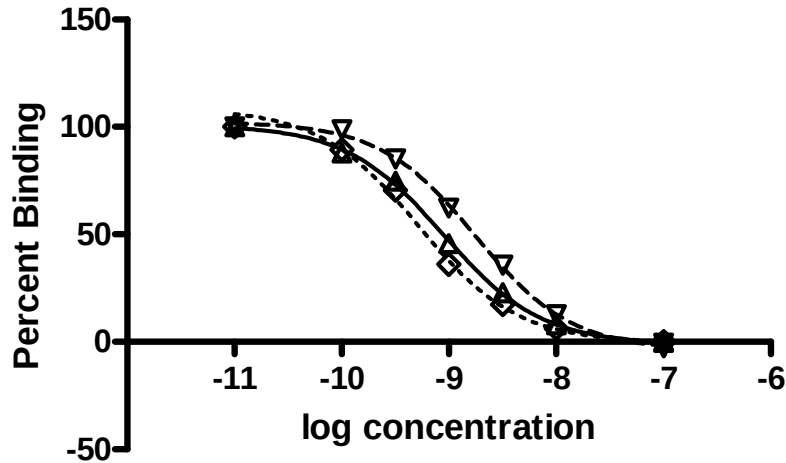
- ▲ RTI Set 4 Run 3 TC 23 UN(3/13)
 ▼ RTI Set 4 Run 4 TC 23 UN(3/18)
 — RTI Set 4 Run 3 TC 23 UN(3/13)
 --- RTI Set 4 Run 4 TC 23 UN(3/18)

	RTI Set 4 Run 3 TC 23 UN(3/13)	RTI Set 4 Run 4 TC 23 UN(3/18)
logIC50		
Best-fit values		
Bottom	2.462	4.851
Top	65.29	70.63
LogIC50	-5.469	-5.369
HillSlope	-1.011	-1.389
Std. Error		
Bottom	2.389	2.334
Top	2.293	3.034
LogIC50	0.05367	0.06374
HillSlope	0.1388	0.2696
95% Confidence Intervals		
Bottom	-2.628 to 7.552	-0.03468 to 9.737
Top	60.40 to 70.18	64.28 to 76.98
LogIC50	-5.583 to -5.354	-5.503 to -5.236
HillSlope	-1.307 to -0.7152	-1.953 to -0.8243
Goodness of Fit		
Degrees of Freedom	15	19
R ²	0.9839	0.9621
Absolute Sum of Squares	152.8	644.8
Sy.x	3.192	5.826
Number of points		
Analyzed	19	23
Outliers (excluded, Q=1.0%)	2	0

log concentration	RTI Set 4 Run 3 TC 23 UN(3/13)		
	Y1	Y2	Y3
-6.000	76.010		
-7.000			80.520

log concentration	RTI Set 4 Run 3 TC 23 UN(3/13)			RTI Set 4 Run 4 TC 23 UN(3/18)		
	Y1	Y2	Y3	Y1	Y2	Y3
-3.000000						
-3.500000	2.74000	3.26000	10.04000			
-4.000000	8.08000	7.07000	6.42000			
-4.500000	17.33000	17.78000	17.21000			
-5.000000	36.53000	36.15000	34.99000			
-5.500000	55.11000	50.50000	43.92000			
-6.000000	76.01000	61.92000	57.50000			
-7.000000	69.06000	61.60000	80.52000			
-3.000000				7.16	5.34	15.20
-3.500000				1.69	3.83	2.14
-4.000000				6.88	4.41	4.54
-4.500000				20.16	15.34	17.95
-5.000000				35.48	21.64	29.26
-5.500000				49.25	57.45	55.67
-6.000000				80.37	68.64	71.10
-7.000000				73.37	63.05	60.83

RTI Set 5 Estradiol reference



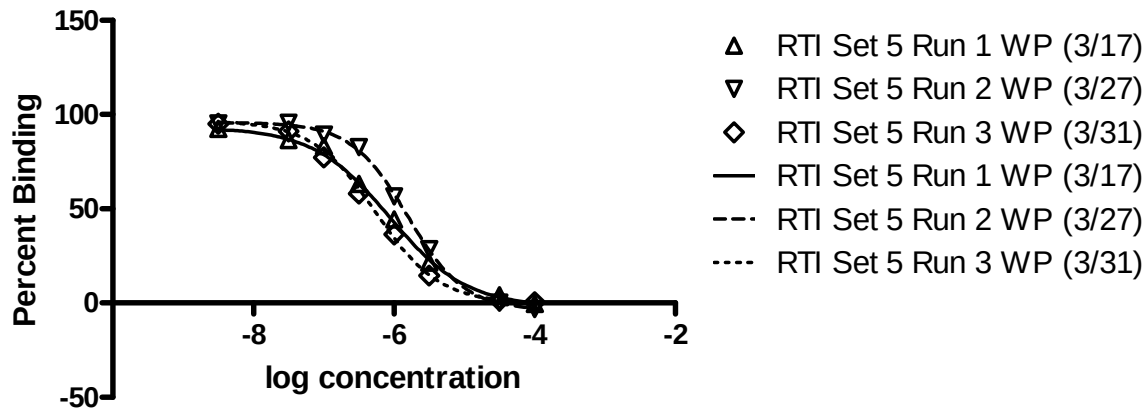
- ▲ RTI Set 5 Run 1 SC (3/17)
- ▼ RTI Set 5 Run 2 SC (3/27)
- ◆ RTI Set 5 Run 3 SC (3/31)
- RTI Set 5 Run 1 SC (3/17)
- - - RTI Set 5 Run 2 SC (3/27)
- ... RTI Set 5 Run 3 SC (3/31)

	RTI Set 5 Run 1 SC (3/17)	RTI Set 5 Run 2 SC (3/27)	RTI Set 5 Run 3 SC (3/31)
logIC50			
Best-fit values			
Bottom	-1.14	-3.93	-0.420
Top	101	102	108
LogIC50	-9.05	-8.76	-9.22
HillSlope	-0.952	-0.968	-0.943
Std. Error			
Bottom	1.46	2.00	0.715
Top	2.02	1.97	1.44
LogIC50	0.0227	0.0244	0.0123
HillSlope	0.0651	0.0740	0.0346
95% Confidence Intervals			
Bottom	-4.18 to 1.91	-8.11 to 0.260	-1.92 to 1.08
Top	96.7 to 105	98.2 to 106	105 to 112
LogIC50	-9.10 to -9.01	-8.82 to -8.71	-9.24 to -9.19
HillSlope	-1.09 to -0.816	-1.12 to -0.813	-1.02 to -0.870
Goodness of Fit			
Degrees of Freedom	20	19	18
R ²	0.994	0.993	0.998
Absolute Sum of Squares	205	248	51.2
Sy x	3.20	3.61	1.69
Number of points			
Analyzed	24	23	22
Outliers (excluded, Q=1.0%)	0	0	2

log concentration	RTI Set 5 Run 3 SC (3/31)		
	Y1	Y2	Y3
-9.500		76.240	
-11.000			88.610

log concentration	RTI Set 5 Run 1 SC (3/17)			RTI Set 5 Run 2 SC (3/27)			RTI Set 5 Run 3 SC (3/31)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-7.000000	-0.270000	-0.680000	1.780000						
-7.000000	-0.460000	1.090000	-1.460000						
-8.000000	9.000000	6.700000	8.120000						
-8.500000	26.760000	22.870000	18.950000						
-9.000000	48.230000	44.800000	44.460000						
-9.500000	78.200000	73.700000	72.550000						
-10.000000	91.370000	84.290000	88.320000						
-11.000000	100.930000	106.250000	92.830000						
-7.000000				-0.680000	-0.590000	-0.960000			
-7.000000				-0.520000	-3.780000	-3.910000			
-8.000000				12.960000	10.790000	14.150000			
-8.500000				37.400000	38.340000	31.610000			
-9.000000				62.870000	57.410000	66.630000			
-9.500000				90.340000	83.990000	80.780000			
-10.000000				97.000000	102.540000	96.840000			
-11.000000				105.750000	98.450000	95.800000			
-7.000000							0.050000	0.060000	0.380000
-7.000000							-0.320000	-0.270000	0.110000
-8.000000							6.000000	6.310000	6.690000
-8.500000							18.010000	17.930000	16.390000
-9.000000							35.440000	34.380000	38.620000
-9.500000							76.240000	68.590000	66.940000
-10.000000							87.000000	89.510000	91.740000
-11.000000							108.070000	103.330000	88.610000

RTI Set 5 Norethynodrel

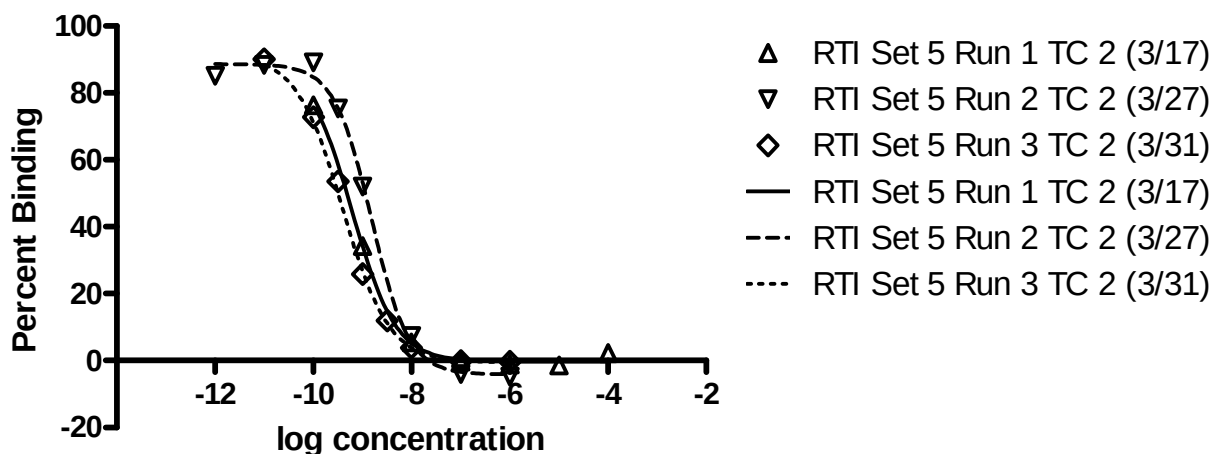


	RTI Set 5 Run 1 WP (3/17)	RTI Set 5 Run 2 WP (3/27)	RTI Set 5 Run 3 WP (3/31)
logIC50			
Best-fit values			
Bottom	-1.95	-3.79	-0.251
Top	93.1	95.9	96.6
LogIC50	-6.16	-5.87	-6.29
HillSlope	-0.799	-1.08	-0.961
Std. Error			
Bottom	1.60	3.08	1.06
Top	1.55	2.49	1.22
LogIC50	0.0228	0.0408	0.0170
HillSlope	0.0552	0.151	0.0492
95% Confidence Intervals			
Bottom	-5.29 to 1.40	-10.2 to 2.64	-2.47 to 1.96
Top	89.9 to 96.4	90.7 to 101	94.0 to 99.1
LogIC50	-6.21 to -6.12	-5.95 to -5.78	-6.33 to -6.26
HillSlope	-0.915 to -0.684	-1.39 to -0.765	-1.06 to -0.858
Goodness of Fit			
Degrees of Freedom	19	20	19
R ²	0.995	0.981	0.997
Absolute Sum of Squares	130	700	95.5
Sy.x	2.62	5.92	2.24
Number of points			
Analyzed	23	24	23
Outliers (excluded, Q=1.0%)	1	0	1

log concentration	RTI Set 5 Run 1 WP (3/17)			RTI Set 5 Run 2 WP (3/27)			RTI Set 5 Run 3 WP (3/31)
	Y1	Y2	Y3	Y1	Y2	Y3	Y1
-7.000			92.780				
-7.000							64.330

log concentration	RTI Set 5 Run 1 WP (3/17)			RTI Set 5 Run 2 WP (3/27)			RTI Set 5 Run 3 WP (3/31)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-4.00000	-0.28000	-0.27000	-0.51000						
-4.50000	1.88000	9.47000	1.11000						
-5.00000	22.18000	22.17000	20.13000						
-6.00000	45.28000	45.28000	42.75000						
-6.50000	65.04000	63.54000	61.31000						
-7.00000	78.63000	78.38000	92.78000						
-7.50000	87.72000	80.95000	90.98000						
-8.00000	93.21000	91.45000	92.65000						
-4.00000				-3.45000	-2.58000	-3.05000			
-4.50000				0.09000	1.15000	-0.61000			
-5.00000				26.66000	32.09000	27.13000			
-6.00000				68.09000	56.73000	45.12000			
-6.50000				85.68000	86.16000	76.53000			
-7.00000				95.88000	76.85000	95.32000			
-7.50000				94.99000	92.34000	99.57000			
-8.00000				92.75000	91.22000	101.74000			
-4.00000							0.470000	0.930000	0.080000
-4.50000							0.930000	1.700000	1.810000
-5.00000							15.110000	14.460000	14.010000
-6.00000							38.570000	34.780000	35.940000
-6.50000							56.380000	60.060000	57.680000
-7.00000							64.330000	83.210000	84.370000
-7.50000							94.900000	89.610000	88.680000
-8.00000							94.370000	94.150000	96.710000

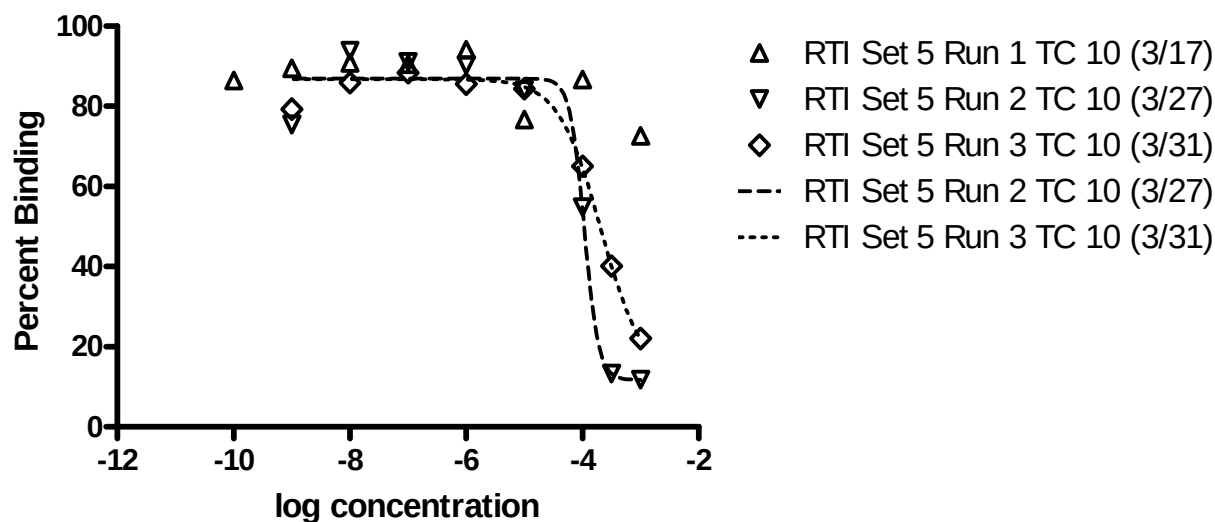
RTI Set 5 Test Chemical 2



	RTI Set 5 Run 1 TC 2 (3/17)	RTI Set 5 Run 2 TC 2 (3/27)	RTI Set 5 Run 3 TC 2 (3/31)
logIC50			
Best-fit values			
Bottom	-0.280	-4.17	-0.465
Top	89.0	88.6	91.3
LogIC50	-9.32	-8.94	-9.50
HillSlope	-0.982	-1.15	-0.927
Std. Error			
Bottom	0.519	1.76	0.468
Top	4.43	1.56	1.08
LogIC50	0.0299	0.0358	0.0118
HillSlope	0.104	0.119	0.0290
95% Confidence Intervals			
Bottom	-1.37 to 0.814	-7.84 to -0.498	-1.45 to 0.524
Top	79.6 to 98.3	85.4 to 91.9	89.0 to 93.6
LogIC50	-9.38 to -9.25	-9.02 to -8.87	-9.52 to -9.47
HillSlope	-1.20 to -0.763	-1.39 to -0.899	-0.988 to -0.866
Goodness of Fit			
Degrees of Freedom	17	20	17
R ²	0.997	0.991	0.999
Absolute Sum of Squares	47.8	339	23.5
Sy.x	1.68	4.12	1.18
Number of points			
Analyzed	21	24	21
Outliers (excluded, Q=1.0%)	0	0	3

log concentration	RTI Set 5 Run 1 TC 2 (3/17)			RTI Set 5 Run 2 TC 2 (3/27)			RTI Set 5 Run 3 TC 2 (3/31)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.00000	89.0000	89.0000	89.0000						
-4.00000	0.94000	2.7000	3.09000						
-5.00000	-1.42000	-1.7900	-1.19000						
-6.00000	-1.12000	-1.4000	-0.78000						
-7.00000	-0.01000	-0.7100	-0.14000						
-8.00000	6.24000	5.1300	4.88000						
-9.00000	36.17000	34.7700	31.73000						
-10.00000	74.65000	78.1600	76.19000						
-6.00000				-2.99000	-5.49000	-5.83000			
-7.00000				-4.41000	-1.82000	-5.98000			
-8.00000				6.33000	7.50000	8.34000			
-9.00000				52.73000	49.92000	53.38000			
-9.50000				79.34000	67.97000	78.85000			
-10.00000				84.80000	95.56000	87.05000			
-11.00000				88.33000	86.00000	90.82000			
-12.00000				80.38000	89.94000	85.20000			
-6.00000							-0.53000	-0.03000	-0.36000
-7.00000							-0.32000	0.20000	-0.45000
-8.00000							5.29000	3.18000	3.01000
-8.50000							13.98000	10.95000	11.05000
-9.00000							27.26000	25.93000	24.40000
-9.50000							50.61000	51.86000	58.08000
-10.00000							70.85000	76.67000	70.80000
-11.00000							93.32000	89.33000	87.60000

RTI Set 5 Test Chemical 10

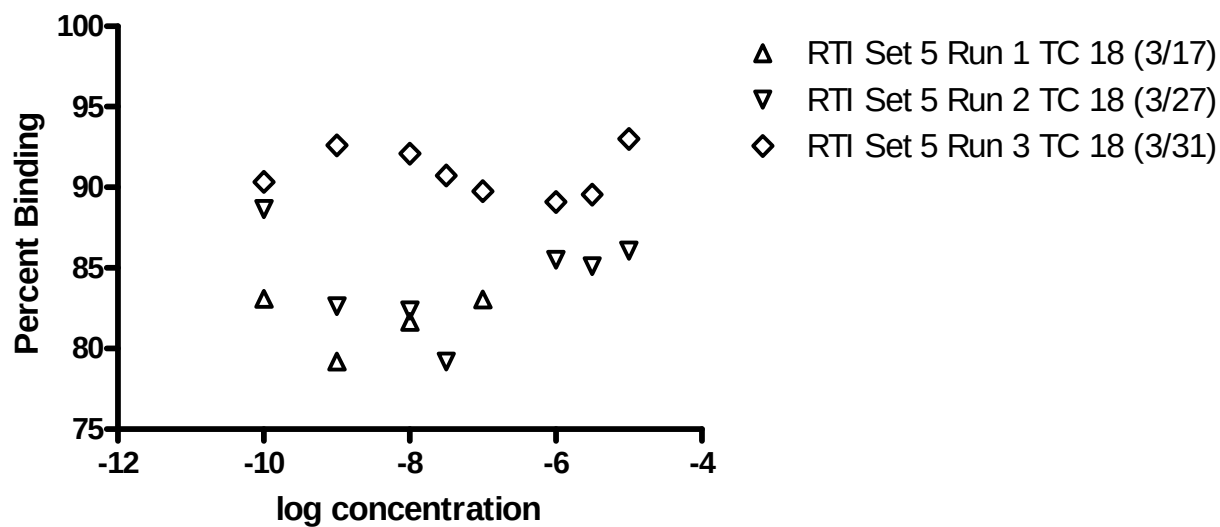


	RTI Set 5 Run 1 TC 10 (3/17)	RTI Set 5 Run 2 TC 10 (3/27)	RTI Set 5 Run 3 TC 10 (3/31)
logIC50	Not converged		
Best-fit values			
Bottom		11.7	11.8
Top		86.9	86.8
LogIC50		-3.97	-3.69
HillSlope		-3.57	-1.19
Std. Error			
Bottom		5.48	10.3
Top		2.37	1.50
LogIC50		0.0478	0.0510
HillSlope		4.11	0.323
95% Confidence Intervals			
Bottom		0.294 to 23.1	-9.75 to 33.3
Top		82.0 to 91.9	83.7 to 89.9
LogIC50		-4.07 to -3.87	-3.80 to -3.59
HillSlope		-12.1 to 5.01	-1.86 to -0.511
Goodness of Fit			
Degrees of Freedom		20	19
R ²		0.935	0.963
Absolute Sum of Squares		1680	512
Sy.x		9.17	5.19
Number of points			
Analyzed	24	24	23
Outliers (excluded, Q=1.0%)	0	0	1

	log concentration	RTI Set 5 Run 3 TC 10 (3/31)
	Y1	Y2
	-9.000	62.150

log concentration	RTI Set 5 Run 1 TC 10 (3/17)			RTI Set 5 Run 2 TC 10 (3/27)			RTI Set 5 Run 3 TC 10 (3/31)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.000000	75.46000	74.300000	68.00000						
-4.000000	86.48000	91.500000	82.11000						
-5.000000	50.72000	86.910000	92.53000						
-6.000000	98.96000	92.100000	91.20000						
-7.000000	86.95000	88.750000	95.91000						
-8.000000	92.57000	92.700000	87.34000						
-9.000000	92.05000	85.670000	90.64000						
-10.000000	94.63000	89.180000	75.46000						
-3.000000				12.680000	12.63000	10.090000			
-3.500000				28.150000	4.26000	7.450000			
-4.000000				54.020000	58.03000	52.410000			
-5.000000				77.810000	84.15000	90.180000			
-6.000000				98.210000	94.91000	77.730000			
-7.000000				83.830000	98.13000	91.220000			
-8.000000				102.460000	90.18000	88.970000			
-9.000000				71.470000	69.78000	85.040000			
-3.000000							19.17000	24.23000	22.670000
-3.500000							38.42000	39.75000	42.210000
-4.000000							65.21000	71.43000	58.560000
-5.000000							80.08000	84.27000	88.660000
-6.000000							83.16000	84.57000	88.910000
-7.000000							73.81000	96.91000	94.520000
-8.000000							86.27000	85.40000	86.020000
-9.000000							90.46000	62.15000	85.370000

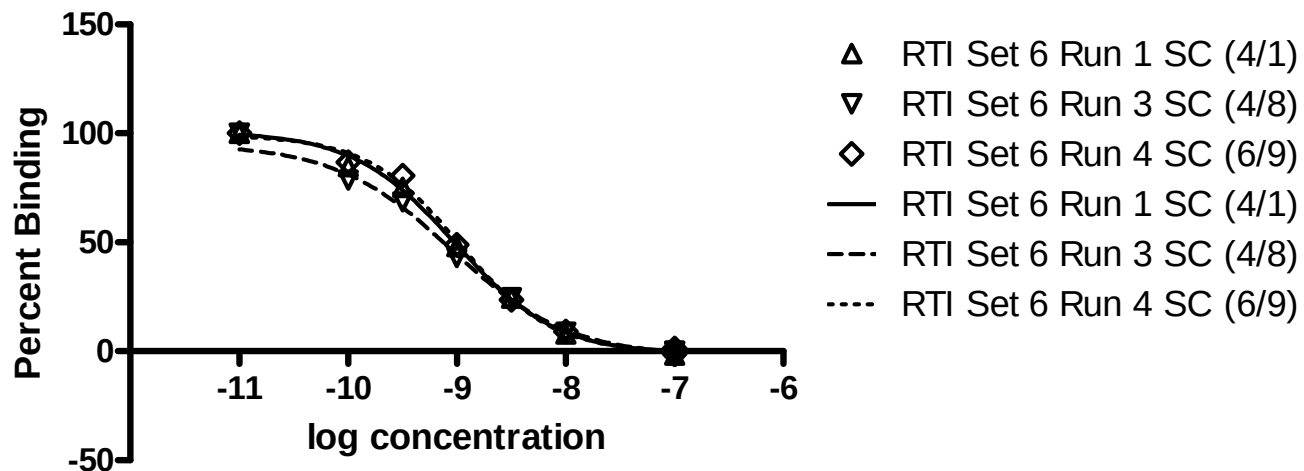
RTI Set 5 Test Chemical 18



	RTI Set 5 Run 1 TC 18 (3/17)	RTI Set 5 Run 2 TC 18 (3/27)	RTI Set 5 Run 3 TC 18 (3/31)
logIC50	Not converged	Not converged	Not converged
Best-fit values			
Bottom			
Top			
LogIC50			
HillSlope			
Std. Error			
Bottom			
Top			
LogIC50			
HillSlope			
95% Confidence Intervals			
Bottom			
Top			
LogIC50			
HillSlope			
Goodness of Fit			
Degrees of Freedom			
R ²			
Absolute Sum of Squares			
Sy x			
Number of points			
Analyzed	11	17	24
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 5 Run 1 TC 18 (3/17)			RTI Set 5 Run 2 TC 18 (3/27)			RTI Set 5 Run 3 TC 18 (3/31)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.00000									
-4.00000									
-5.00000	87.99000	87.75000	87.37000						
-6.00000	84.88000	84.42000	84.21000						
-7.00000	82.92000	84.94000	81.29000						
-8.00000	83.95000	79.36000	80.64000						
-9.00000	88.07000	79.58000	69.93000						
-10.00000	83.82000	81.29000	84.16000						
-5.00000				86.08000	88.60000	87.35000			
-5.50000				83.32000	88.89000	81.34000			
-6.00000				80.66000	83.03000	88.01000			
-7.00000				86.28000	83.78000	101.74000			
-7.50000				74.12000	77.41000	86.08000			
-8.00000				76.53000	83.27000	87.29000			
-9.00000				86.24000	78.93000	82.71000			
-10.00000				86.96000	90.98000	88.01000			
-5.00000							85.950000	96.63000	96.48000
-5.50000							86.930000	97.76000	83.97000
-6.00000							88.930000	93.50000	84.82000
-7.00000							88.300000	89.31000	91.67000
-7.50000							93.500000	88.23000	90.46000
-8.00000							85.320000	100.64000	90.34000
-9.00000							92.590000	94.52000	90.74000
-10.00000							90.010000	94.72000	86.32000

RTI Set 6 Estradiol reference

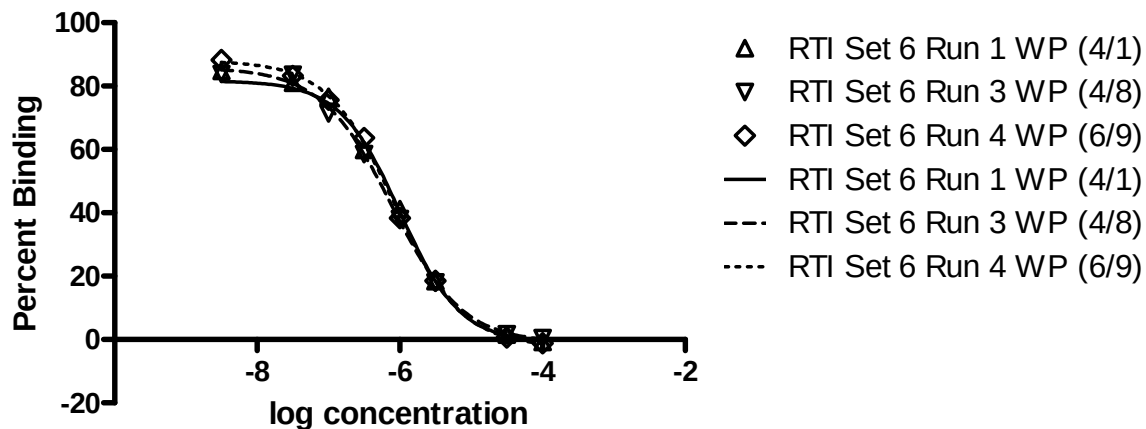


	RTI Set 6 Run 1 SC (4/1)	RTI Set 6 Run 3 SC (4/8)	RTI Set 6 Run 4 SC (6/9)
logIC50			
Best-fit values			
Bottom	-1.53	-2.34	-0.742
Top	101	95.1	99.1
LogIC50	-9.02	-9.12	-8.99
HillSlope	-0.933	-0.812	-1.03
Std. Error			
Bottom	1.33	1.85	1.60
Top	1.79	2.96	2.08
LogIC50	0.0202	0.0292	0.0250
HillSlope	0.0572	0.0714	0.0790
95% Confidence Intervals			
Bottom	-4.31 to 1.25	-6.20 to 1.52	-4.08 to 2.60
Top	97.0 to 105	88.9 to 101	94.8 to 103
LogIC50	-9.07 to -8.98	-9.18 to -9.06	-9.04 to -8.94
HillSlope	-1.05 to -0.814	-0.961 to -0.662	-1.19 to -0.861
Goodness of Fit			
Degrees of Freedom	19	19	20
R ²	0.995	0.991	0.993
Absolute Sum of Squares	151	227	260
Sy x	2.82	3.46	3.60
Number of points			
Analyzed	23	23	24
Outliers (excluded, Q=1.0%)	1	1	0

log concentration	RTI Set 6 Run 1 SC (4/1)			RTI Set 6 Run 3 SC (4/8)	
	Y1	Y2	Y3	Y1	Y2
-10.000			78.870		
-11.000					112.050

log concentration	RTI Set 6 Run 1 SC (4/1)			RTI Set 6 Run 3 SC (4/8)			RTI Set 6 Run 4 SC (6/9)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-7.000000	-1.660000	-2.110000	-1.690000						
-7.000000	1.000000	1.160000	3.320000						
-8.000000	9.610000	7.010000	7.260000						
-8.500000	25.400000	26.660000	21.300000						
-9.000000	47.230000	50.630000	46.440000						
-9.500000	74.930000	76.470000	74.250000						
-10.000000	85.320000	78.870000	89.880000						
-11.000000	95.300000	106.370000	98.330000						
-7.000000				-0.220000	-0.350000	0.710000			
-7.000000				-1.000000	-0.990000	1.820000			
-8.000000				9.600000	9.040000	7.600000			
-8.500000				27.280000	26.420000	19.850000			
-9.000000				39.400000	45.010000	44.920000			
-9.500000				74.870000	67.610000	63.020000			
-10.000000				79.820000	82.450000	73.580000			
-11.000000				93.950000	112.050000	94.000000			
-7.000000							5.350000	-0.720000	-0.800000
-7.000000							-1.300000	-0.970000	-1.540000
-8.000000							8.040000	9.490000	9.780000
-8.500000							24.570000	26.050000	20.290000
-9.000000							47.760000	47.790000	51.380000
-9.500000							81.500000	84.480000	75.540000
-10.000000							90.240000	82.150000	87.960000
-11.000000							98.600000	99.620000	101.780000

RTI Set 6 Norethynodrel



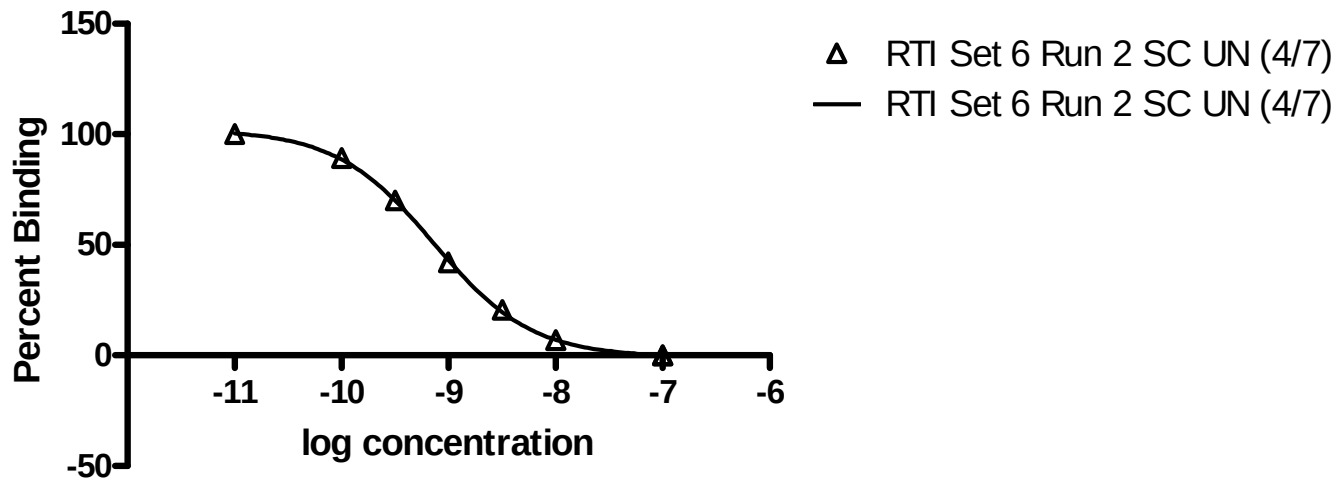
	RTI Set 6 Run 1 WP (4/1)	RTI Set 6 Run 3 WP (4/8)	RTI Set 6 Run 4 WP (6/9)
logIC50			
Best-fit values			
Bottom	-1.07	-1.13	-2.36
Top	81.7	85.8	88.0
LogIC50	-6.20	-6.29	-6.22
HillSlope	-1.02	-0.876	-0.920
Std. Error			
Bottom	2.02	2.83	1.77
Top	2.12	2.93	1.61
LogIC50	0.0373	0.0485	0.0259
HillSlope	0.115	0.121	0.0713
95% Confidence Intervals			
Bottom	-5.30 to 3.15	-7.03 to 4.76	-6.06 to 1.33
Top	77.2 to 86.1	79.7 to 91.9	84.7 to 91.4
LogIC50	-6.28 to -6.12	-6.39 to -6.19	-6.28 to -6.17
HillSlope	-1.27 to -0.783	-1.13 to -0.623	-1.07 to -0.771
Goodness of Fit			
Degrees of Freedom	19	20	19
R ²	0.987	0.979	0.993
Absolute Sum of Squares	313	560	178
Sy.x	4.06	5.29	3.06
Number of points			
Analyzed	23	24	23
Outliers (excluded, Q=1.0%)	1	0	0

	log concentration	RTI Set 6 Run 1 WP (4/1)
		Y1 Y2
	-8.500	98.210

log concentration	RTI Set 6 Run 1 WP (4/1)			RTI Set 6 Run 3 WP (4/8)			RTI Set 6 Run 4 WP (6/9)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-4.00000	0.34000	0.04000	-1.93000						
-4.50000	0.63000	3.48000	0.53000						
-5.00000	17.81000	17.43000	20.23000						
-6.00000	45.79000	40.44000	37.17000						
-6.50000	57.99000	63.52000	58.04000						
-7.00000	67.86000	76.25000	85.94000						
-7.50000	81.84000	83.15000	78.24000						
-8.50000	78.24000	98.21000	77.79000						
-4.00000				1.06000	0.35000	-0.11000			
-4.50000				1.44000	3.07000	0.75000			
-5.00000				12.36000	22.02000	19.90000			
-6.00000				44.96000	40.64000	28.66000			
-6.50000				56.11000	60.30000	59.18000			
-7.00000				68.10000	75.81000	70.01000			
-7.50000				81.38000	80.94000	88.69000			
-8.50000				85.66000	93.82000	72.20000			
-4.00000							-1.020000	-1.270000	-0.730000
-4.50000							0.700000	1.150000	0.240000
-5.00000							18.000000	18.430000	19.200000
-6.00000							38.380000	41.120000	35.630000
-6.50000							66.400000	64.120000	60.520000
-7.00000							73.670000	72.620000	80.800000
-7.50000							85.740000	81.070000	83.080000
-8.50000							95.300000	85.450000	84.130000

RTI Set 6

Estradiol reference (UN)

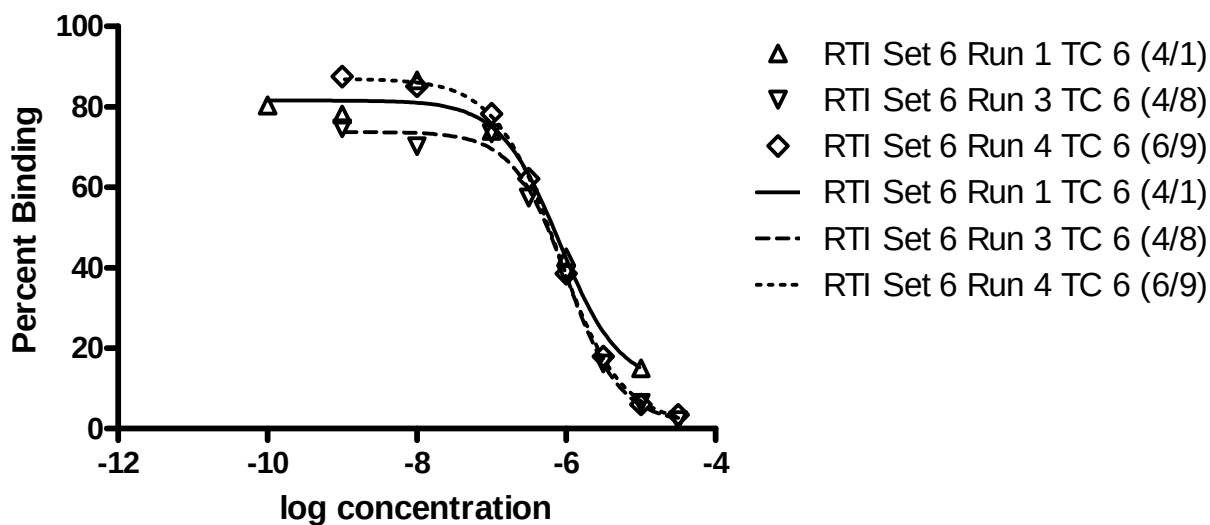


RTI Set 6 Run 2 SC UN (4/7)	
logIC50	
Best-fit values	
Bottom	-0.860
Top	102
LogIC50	-9.13
HillSlope	-0.950
Std. Error	
Bottom	1.68
Top	2.50
LogIC50	0.0267
HillSlope	0.0764
95% Confidence Intervals	
Bottom	-4.36 to 2.64
Top	96.9 to 107
LogIC50	-9.18 to -9.07
HillSlope	-1.11 to -0.790
Goodness of Fit	
Degrees of Freedom	20
R ²	0.992
Absolute Sum of Squares	288
Sy.x	3.80
Number of points	
Analyzed	24
Outliers (excluded, Q=1.0%)	0

log concentration	RTI Set 6 Run 2 WP UN (4/7)	
	Y1	Y2
-7.000		41.740
-8.500	103.510	

log concentration	RTI Set 6 Run 2 SC UN (4/7)		
	Y1	Y2	Y3
-7.00000	-0.78000	0.19000	0.11000
-7.00000	-0.20000	0.67000	0.02000
-8.00000	6.87000	7.42000	6.23000
-8.50000	24.42000	21.78000	15.62000
-9.00000	44.02000	41.62000	40.79000
-9.50000	68.12000	71.91000	70.08000
-10.00000	80.57000	88.42000	98.59000
-11.00000	100.78000	94.05000	105.17000

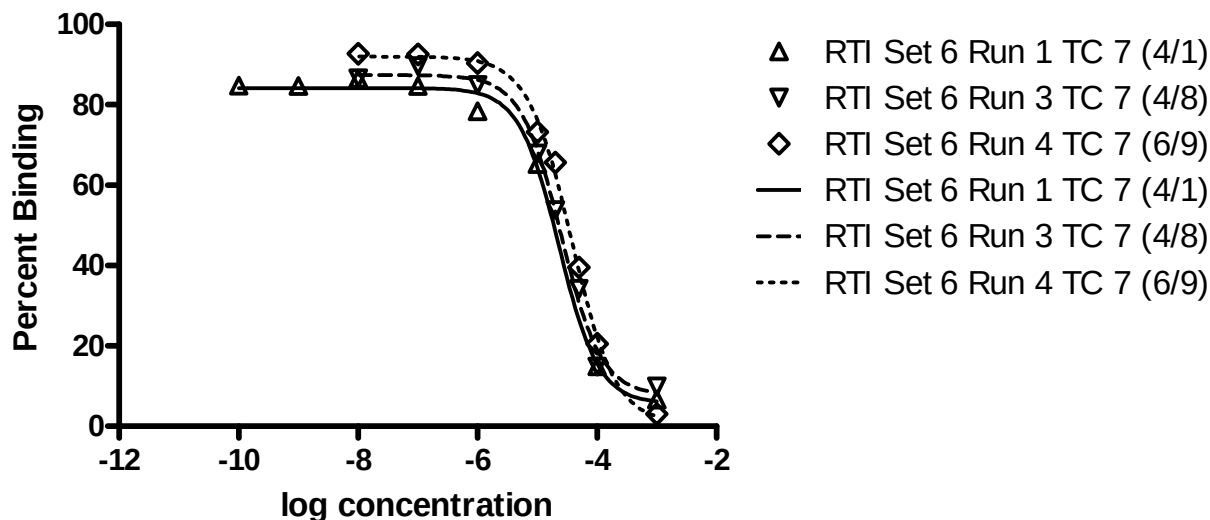
RTI Set 6 Test Chemical 6



	RTI Set 6 Run 1 TC 6 (4/1)	RTI Set 6 Run 3 TC 6 (4/8)	RTI Set 6 Run 4 TC 6 (6/9)
logIC50			
Best-fit values			
Bottom	10.7	1.56	1.14
Top	81.6	73.7	87.0
LogIC50	-6.17	-6.25	-6.23
HillSlope	-1.09	-1.21	-1.03
Std. Error			
Bottom	5.20	2.30	2.16
Top	1.76	1.54	1.48
LogIC50	0.0645	0.0401	0.0283
HillSlope	0.273	0.145	0.0917
95% Confidence Intervals			
Bottom	-0.421 to 21.9	-3.24 to 6.37	-3.36 to 5.65
Top	77.8 to 85.4	70.5 to 77.0	83.9 to 90.1
LogIC50	-6.31 to -6.03	-6.33 to -6.17	-6.29 to -6.17
HillSlope	-1.67 to -0.500	-1.51 to -0.904	-1.22 to -0.837
Goodness of Fit			
Degrees of Freedom	14	20	20
R ²	0.972	0.985	0.991
Absolute Sum of Squares	339	308	236
Sy.x	4.92	3.92	3.44
Number of points			
Analyzed	18	24	24
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 6 Run 1 TC 6 (4/1)			RTI Set 6 Run 3 TC 6 (4/8)			RTI Set 6 Run 4 TC 6 (6/9)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.00000									
-4.00000									
-5.00000	17.00000	14.5500	13.70000						
-6.00000	43.02000	44.9300	39.88000						
-7.00000	73.39000	79.2700	69.46000						
-8.00000	91.02000	84.7500	84.12000						
-9.00000	72.19000	76.9300	85.26000						
-10.00000	78.81000	83.7200	78.58000						
-4.50000				3.80000	1.64000	0.86000			
-5.00000				7.33000	7.27000	4.82000			
-5.50000				15.08000	16.78000	16.71000			
-6.00000				39.14000	41.26000	35.05000			
-6.50000				55.08000	61.32000	55.97000			
-7.00000				70.01000	75.68000	74.78000			
-8.00000				67.34000	68.68000	74.69000			
-9.00000				66.27000	78.04000	79.91000			
-4.50000							1.46000	0.77000	8.18000
-5.00000							6.89000	5.96000	5.33000
-5.50000							18.67000	18.58000	16.55000
-6.00000							40.39000	38.26000	36.86000
-6.50000							61.72000	66.98000	57.72000
-7.00000							83.46000	75.16000	76.19000
-8.00000							83.55000	87.82000	84.02000
-9.00000							80.54000	93.81000	88.22000

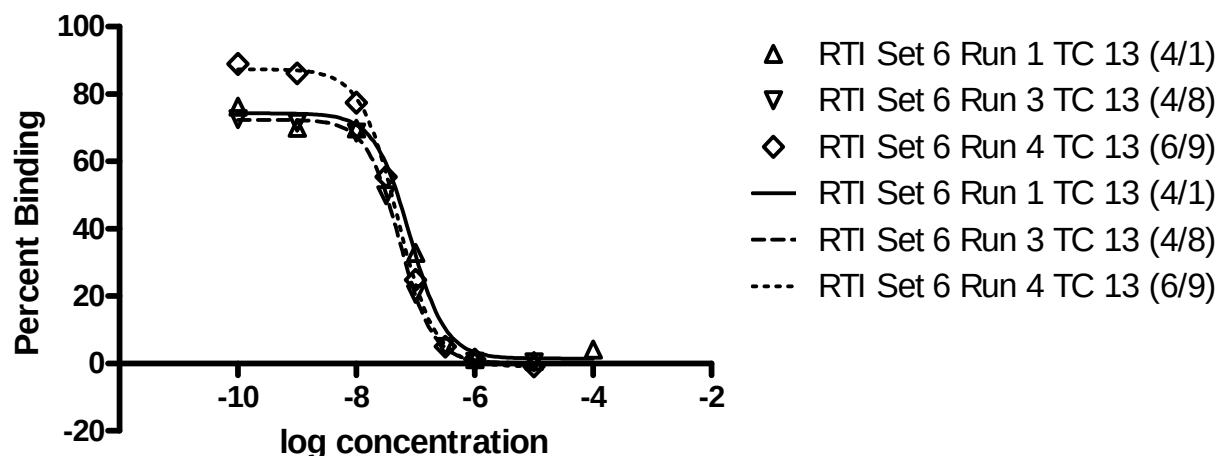
RTI Set 6 Test Chemical 7



	RTI Set 6 Run 1 TC 7 (4/1)	RTI Set 6 Run 3 TC 7 (4/8)	RTI Set 6 Run 4 TC 7 (6/9)
logIC50			
Best-fit values			
Bottom	5.62	7.68	0.535
Top	84.2	87.4	92.0
LogIC50	-4.72	-4.64	-4.48
HillSlope	-1.31	-1.30	-1.19
Std. Error			
Bottom	2.45	2.51	2.02
Top	1.04	1.42	1.03
LogIC50	0.0451	0.0268	0.0176
HillSlope	0.162	0.134	0.0777
95% Confidence Intervals			
Bottom	0.499 to 10.7	2.44 to 12.9	-3.67 to 4.74
Top	82.0 to 86.3	84.4 to 90.3	89.9 to 94.2
LogIC50	-4.82 to -4.63	-4.69 to -4.58	-4.52 to -4.44
HillSlope	-1.65 to -0.973	-1.58 to -1.02	-1.35 to -1.03
Goodness of Fit			
Degrees of Freedom	19	20	20
R ²	0.988	0.985	0.993
Absolute Sum of Squares	270	333	172
Sy.x	3.77	4.08	2.94
Number of points			
Analyzed	23	24	24
Outliers (excluded, Q=1.0%)	0	0	0

log concentration	RTI Set 6 Run 1 TC 7 (4/1)			RTI Set 6 Run 3 TC 7 (4/8)			RTI Set 6 Run 4 TC 7 (6/9)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.000000	6.40000	3.800000	9.80000						
-4.000000	16.40000	12.900000	15.50000						
-5.000000	69.30000	62.700000	63.80000						
-6.000000	74.10000	78.500000	82.40000						
-7.000000	82.40000	89.900000	81.80000						
-8.000000	82.90000	85.400000	91.40000						
-9.000000		82.900000	86.50000						
-10.000000	84.30000	82.500000	87.60000						
-3.000000				4.800000	8.90000	16.000000			
-4.000000				14.600000	16.50000	13.600000			
-4.300000				32.500000	37.90000	32.200000			
-4.700000				53.900000	54.10000	53.400000			
-5.000000				66.300000	66.30000	71.000000			
-6.000000				89.600000	86.60000	78.600000			
-7.000000				89.000000	92.90000	86.900000			
-8.000000				85.300000	90.80000	83.900000			
-3.000000							1.40000	3.50000	4.200000
-4.000000							20.30000	20.50000	20.800000
-4.300000							39.40000	39.70000	39.500000
-4.700000							62.70000	68.90000	65.300000
-5.000000							75.90000	74.80000	69.000000
-6.000000							93.20000	86.40000	91.400000
-7.000000							89.20000	94.90000	93.600000
-8.000000							93.90000	93.80000	90.500000

RTI Set 6 Test Chemical 13



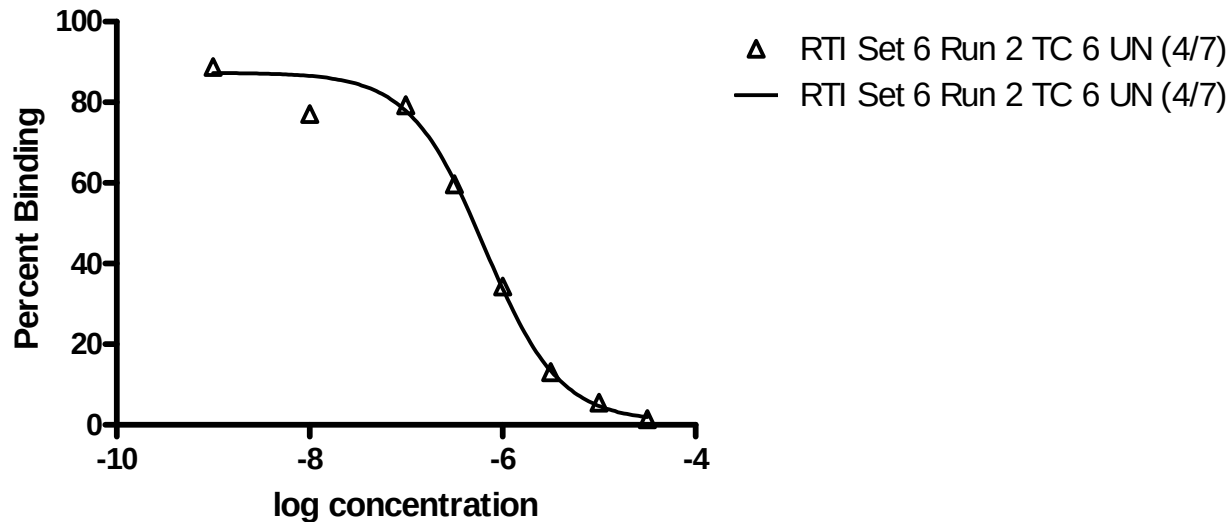
	RTI Set 6 Run 1 TC 13 (4/1)	RTI Set 6 Run 3 TC 13 (4/8)	RTI Set 6 Run 4 TC 13 (6/9)
logIC50			
Best-fit values			
Bottom	1.48	0.188	-0.865
Top	74.3	72.4	87.4
LogIC50	-7.30	-7.49	-7.40
HillSlope	-1.44	-1.54	-1.38
Std. Error			
Bottom	1.14	1.40	0.742
Top	1.36	1.33	0.705
LogIC50	0.0553	0.0315	0.0140
HillSlope	0.261	0.150	0.0600
95% Confidence Intervals			
Bottom	-0.929 to 3.90	-2.72 to 3.10	-2.42 to 0.695
Top	71.4 to 77.2	69.6 to 75.2	85.9 to 88.9
LogIC50	-7.42 to -7.18	-7.56 to -7.43	-7.42 to -7.37
HillSlope	-2.00 to -0.887	-1.86 to -1.23	-1.51 to -1.25
Goodness of Fit			
Degrees of Freedom	16	20	18
R ²	0.993	0.990	0.998
Absolute Sum of Squares	152	235	54.0
Sy x	3.08	3.42	1.73
Number of points			
Analyzed	20	24	22
Outliers (excluded, Q=1.0%)	1	0	2

log concentration	RTI Set 6 Run 1 TC 13 (4/1)			RTI Set 6 Run 3 TC 13 (4/8)			RTI Set 6 Run 4 TC 13 (6/9)	
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2
-9.000		64.300						
-7.000								28.200
-7.500							49.400	

log concentration	RTI Set 6 Run 1 TC 13 (4/1)			RTI Set 6 Run 3 TC 13 (4/8)			RTI Set 6 Run 4 TC 13 (6/9)		
	Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
-3.00000									
-4.00000	2.20000	8.20000	1.90000						
-5.00000	-0.70000	1.60000	1.50000						
-6.00000	2.30000	0.20000	1.30000						
-7.00000	32.10000	31.80000	34.70000						
-8.00000	68.00000	74.60000	66.70000						
-9.00000	69.40000	64.30000	76.20000						
-10.00000	75.10000	77.00000	76.60000						
-5.00000				-0.40000	1.30000	0.20000			
-6.00000				1.00000	0.10000	0.40000			
-6.50000				6.60000	4.70000	3.50000			
-7.00000				16.10000	20.50000	25.30000			
-7.50000				52.20000	45.10000	52.40000			
-8.00000				64.90000	74.20000	66.40000			
-9.00000				77.10000	70.30000	66.90000			
-10.00000				76.20000	73.80000	67.60000			
-5.00000							-0.900000	-0.80000	-0.80000
-6.00000							0.700000	2.20000	0.70000
-6.50000							5.400000	4.80000	4.80000
-7.00000							22.200000	28.20000	24.20000
-7.50000							49.400000	60.30000	56.60000
-8.00000							79.300000	78.20000	74.90000
-9.00000							87.300000	87.60000	83.60000
-10.00000							88.400000	89.10000	89.30000

RTI Set 6

Test Chemical 6 (UN)

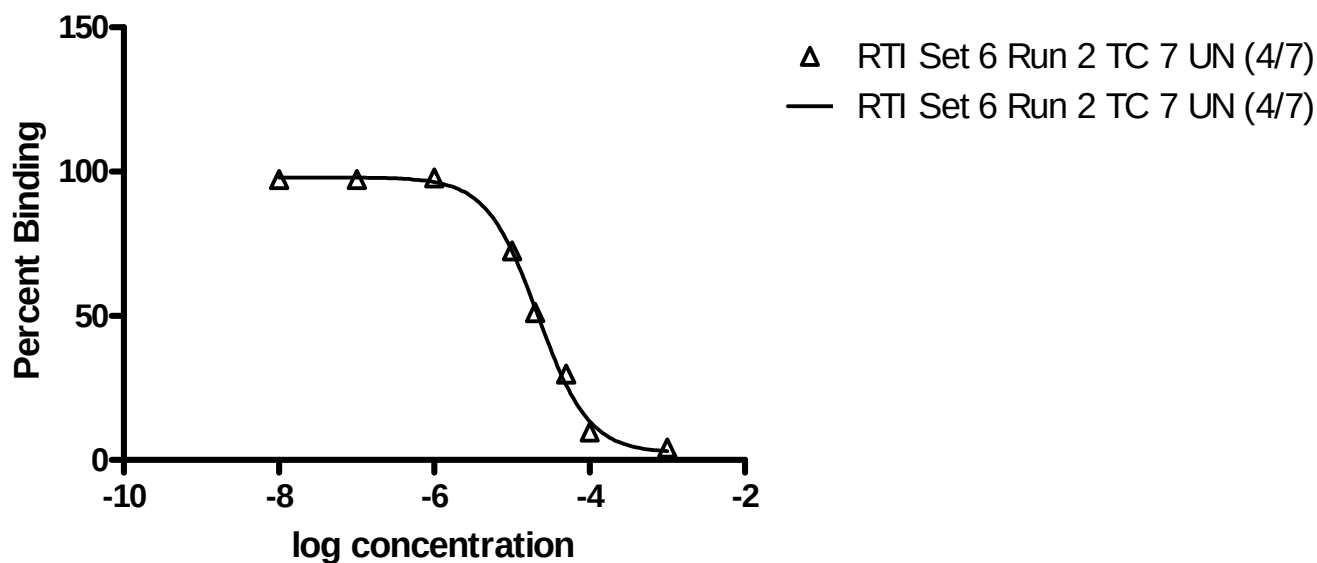


RTI Set 6 Run 2 TC 6 UN (4/7)	
logIC50	
Best-fit values	
Bottom	0.855
Top	87.4
LogIC50	-6.29
HillSlope	-1.12
Std. Error	
Bottom	1.96
Top	1.63
LogIC50	0.0279
HillSlope	0.100
95% Confidence Intervals	
Bottom	-3.24 to 4.95
Top	84.0 to 90.8
LogIC50	-6.35 to -6.23
HillSlope	-1.33 to -0.908
Goodness of Fit	
Degrees of Freedom	19
R ²	0.991
Absolute Sum of Squares	243
Sy.x	3.58
Number of points	
Analyzed	23
Outliers (excluded, Q=1.0%)	1

log concentration	6 Run 2 TC 6 U
	Y1
-8.000	65.010

log concentration	RTI Set 6 Run 2 TC 6 UN (4/7)		
	Y1	Y2	Y3
-4.50000	2.17000	1.2500	0.86000
-5.00000	5.56000	5.9400	5.03000
-5.50000	9.31000	14.6200	15.44000
-6.00000	37.06000	35.6100	30.36000
-6.50000	65.13000	59.0500	55.02000
-7.00000	80.69000	78.2300	79.06000
-8.00000	65.01000	78.7900	87.53000
-9.00000	87.53000	84.0900	94.79000

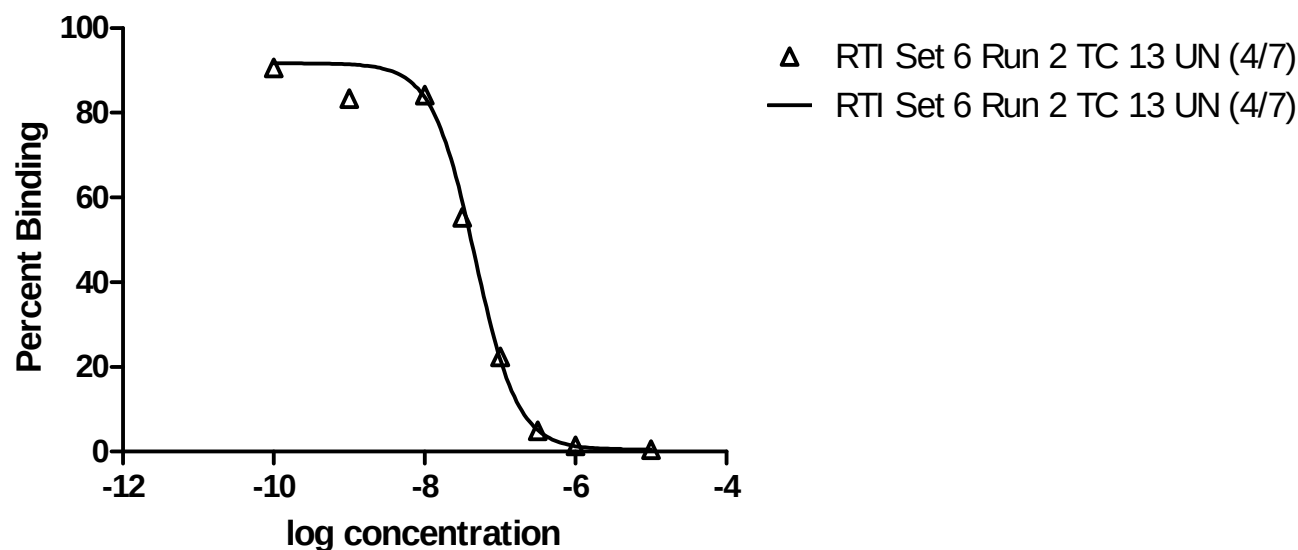
RTI Set 6 Test Chemical 7 (UN)



	RTI Set 6 Run 2 TC 7 UN (4/7)
logIC50	
Best-fit values	
Bottom	2.50
Top	98.0
LogIC50	-4.66
HillSlope	-1.33
Std. Error	
Bottom	2.30
Top	1.36
LogIC50	0.0209
HillSlope	0.113
95% Confidence Intervals	
Bottom	-2.30 to 7.31
Top	95.2 to 101
LogIC50	-4.71 to -4.62
HillSlope	-1.56 to -1.09
Goodness of Fit	
Degrees of Freedom	20
R ²	0.991
Absolute Sum of Squares	300
Sy.x	3.87
Number of points	
Analyzed	24
Outliers (excluded, Q=1.0%)	0

log concentration	RTI Set 6 Run 2 TC 7 UN (4/7)		
	Y1	Y2	Y3
-3.0	3.80000	4.0000	4.70000
-4.0	4.90000	12.2000	12.30000
-4.3	28.50000	29.0000	32.10000
-4.7	50.00000	54.6000	49.10000
-5.0	68.30000	75.9000	73.60000
-6.0	96.80000	97.9000	98.90000
-7.0	98.30000	101.6000	92.10000
-8.0	98.20000	102.1000	91.80000

RTI Set 6 Test Chemical 13 (UN)

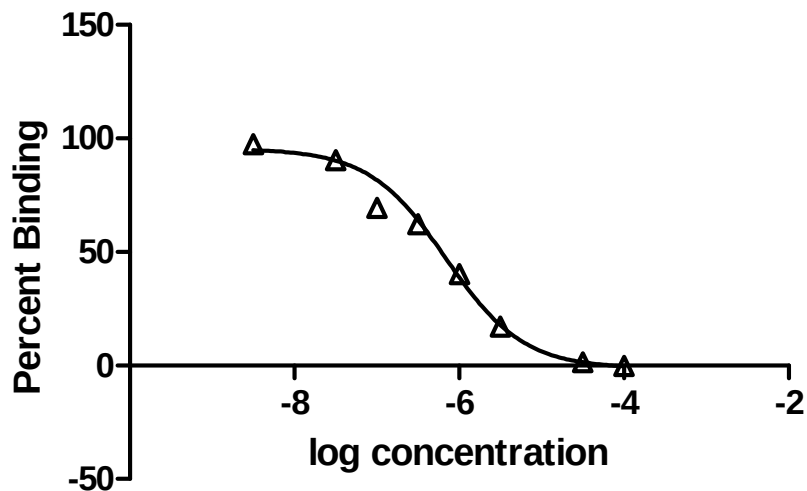


	RTI Set 6 Run 2 TC 13 UN (4/7)
logIC50	
Best-fit values	
Bottom	0.483
Top	91.7
LogIC50	-7.38
HillSlope	-1.53
Std. Error	
Bottom	0.818
Top	0.971
LogIC50	0.0143
HillSlope	0.0748
95% Confidence Intervals	
Bottom	-1.24 to 2.21
Top	89.6 to 93.7
LogIC50	-7.41 to -7.35
HillSlope	-1.69 to -1.37
Goodness of Fit	
Degrees of Freedom	17
R ²	0.998
Absolute Sum of Squares	71.2
Sy.x	2.05
Number of points	
Analyzed	21
Outliers (excluded, Q=1.0%)	3

log concentration	RTI Set 6 Run 2 TC 13 UN (4/7)		
	Y1	Y2	Y3
-7.500			49.000
-9.000		79.400	76.900

log concentration	RTI Set 6 Run 2 TC 13 UN (4/7)		
	Y1	Y2	Y3
-5.0	0.6	0.2	0.5
-6.0	2.0	0.9	1.2
-6.5	6.1	5.4	3.4
-7.0	23.3	22.7	21.1
-7.5	58.5	58.4	49.0
-8.0	85.2	81.3	86.2
-9.0	93.9	79.4	76.9
-10.0	95.2	90.2	86.4

RTI Set 6 Norethynodrel (UN)



	RTI Set 6 Run 2 WP UN (4/7)
logIC50	
Best-fit values	
Bottom	-1.28
Top	95.5
LogIC50	-6.22
HillSlope	-0.926
Std. Error	
Bottom	1.45
Top	1.76
LogIC50	0.0223
HillSlope	0.0646
95% Confidence Intervals	
Bottom	-4.32 to 1.76
Top	91.8 to 99.2
LogIC50	-6.26 to -6.17
HillSlope	-1.06 to -0.790
Goodness of Fit	
Degrees of Freedom	18
R ²	0.995
Absolute Sum of Squares	147
Sy.x	2.86
Number of points	
Analyzed	22
Outliers (excluded, Q=1.0%)	2

log concentration	RTI Set 6 Run 2 WP UN (4/7)	
	Y1	Y2
-7.000		41.740
-8.500	103.510	

log concentration	RTI Set 6 Run 2 WP UN (4/7)		
	Y1	Y2	Y3
-4.0	-0.22	-0.32	-0.20
-4.5	2.00	1.26	1.20
-5.5	15.73	18.61	16.98
-6.0	43.02	39.84	38.04
-6.5	59.08	62.84	64.89
-7.0	86.44	41.74	80.06
-7.5	87.03	86.91	97.16
-8.5	103.51	95.42	93.19