Quantitation Report (Not Reviewed)

Data Path : P:\HPCHEM1\ECD_R\Data\PR022618\
Data File : PR025639.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2018 09:55
Operator : UA/SM
Sample : J1161-02
Misc : AR1660 100PPB LOQ SOIL ECD_R
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 02:18:33 2018
Quant Method : P:\HPCHEM1\ECD_R\Method\PR021018.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Feb 08 01:43:39 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.397	3.772	362.6E6	618.6E6	21.537	21.550	
2)	SA Decachlor...	10.019	8.757	341.2E6	382.3E6	30.132	18.074	#
	Target Compounds							
3)	L1 AR-1016-1	5.280	4.632	54416862	104.2E6	130.896	115.397	
4)	L1 AR-1016-2	5.628	5.043	71460496	70407608	117.494	95.691	
5)	L1 AR-1016-3	5.724	5.124	57835412	89204361	115.330	109.922	
6)	L1 AR-1016-4	6.015	5.295	58016914	99625310	116.723	107.858	
7)	L1 AR-1016-5	6.156	5.643	62581386	112.8E6	128.189	126.060	
8)	L2 AR-1221-1	4.593	3.984	8045139	13032748	42.966	40.914	
9)	L2 AR-1221-2	4.685	4.070	13763919	19908881	96.030	85.052	
10)	L2 AR-1221-3	4.758	4.146	40609274	53812516	95.175	77.065	
11)	L3 AR-1232-1	4.758	4.146	40609274	53812516	117.236	93.318	
12)	L3 AR-1232-2	5.280	5.043	54416862	70407608	329.111	247.206	
13)	L3 AR-1232-3	5.628	5.082	71460496	67724635	288.472	315.621	
14)	L3 AR-1232-4	5.724	5.643	57835412	112.8E6	296.766	289.418	
15)	L3 AR-1232-5	6.156	5.683	62581386	36987252	313.620	106.097	#
16)	L4 AR-1242-1	5.280	4.632	54416862	104.2E6	199.184	183.650	
17)	L4 AR-1242-2	5.566	4.849	111.6E6	141.3E6	177.311	181.366	
18)	L4 AR-1242-3	5.628	5.043	71460496	70407608	180.541	150.781	
19)	L4 AR-1242-4	5.724	5.082	57835412	67724635	177.194	186.041	
20)	L4 AR-1242-5	6.015	5.295	58016914	99625310	177.797	166.940	
21)	L5 AR-1248-1	5.814	5.082	52313627	67724635	97.074	87.137	
22)	L5 AR-1248-2	6.015	5.124	58016914	89204361	97.007	101.854	
23)	L5 AR-1248-3	6.389	5.295	54116237	99625310	102.884	89.891	
24)	L5 AR-1248-4	6.452	5.643	18292642	112.8E6	26.548	69.942	#
25)	L5 AR-1248-5	6.604	5.683	45750632	36987252	65.631	32.629	#
26)	L6 AR-1254-1	5.814	5.082	52313627	67724635	128.648	99.832	
27)	L6 AR-1254-2	6.604	5.787	45750632	93923689	43.380	63.480	#
28)	L6 AR-1254-3	6.966	6.203	25901726	223.3E6	22.992	91.207	#
29)	L6 AR-1254-4	7.250	6.413	22129994	19497617	27.055	12.882	#
30)	L6 AR-1254-5	7.663	6.828	152.5E6	278.7E6	184.553	139.778	
31)	L7 AR-1260-1	7.130	6.317	117.4E6	234.1E6	130.994	134.799	
32)	L7 AR-1260-2	7.384	6.501	129.5E6	220.5E6	126.526	102.237	
33)	L7 AR-1260-3	7.740	6.828	96107942	278.7E6	130.575	122.515	
34)	L7 AR-1260-4	7.964	7.125	108.4E6	184.4E6	127.920	124.273	
35)	L7 AR-1260-5	8.274	7.362	201.7E6	438.9E6	126.190	124.229	
36)	L8 AR-1262-1	7.130	6.317	117.4E6	234.1E6	189.767	193.298	
37)	L8 AR-1262-2	7.384	6.501	129.5E6	220.5E6	185.482	155.258	
38)	L8 AR-1262-3	7.740	6.864	96107942	162.2E6	103.155	84.303	
39)	L8 AR-1262-4	7.964	7.125	108.4E6	184.4E6	127.292	108.869	
40)	L8 AR-1262-5	8.274	7.362	201.7E6	438.9E6	130.176	129.132	
41)	L9 AR-1268-1	8.588	7.646	131.8E6	85307115	79.372	24.202	#

Data Path : P:\HPCHEM1\ECD_R\Data\PR022618\
Data File : PR025639.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2018 09:55
Operator : UA/SM
Sample : J1161-02
Misc : AR1660 100PPB LOQ SOIL ECD_R
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 02:18:33 2018
Quant Method : P:\HPCHEM1\ECD_R\Method\PR021018.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Feb 08 01:43:39 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.662	7.709	34603813	307.7E6	22.605	93.956 #
43) L9	AR-1268-3	0.000	7.917	0	8277639	N.D.	3.129 #
44) L9	AR-1268-4	9.294	8.203	56950001	97830884	99.034	87.606
45) L9	AR-1268-5	9.694	8.498	17063685	34334089	4.388	4.195

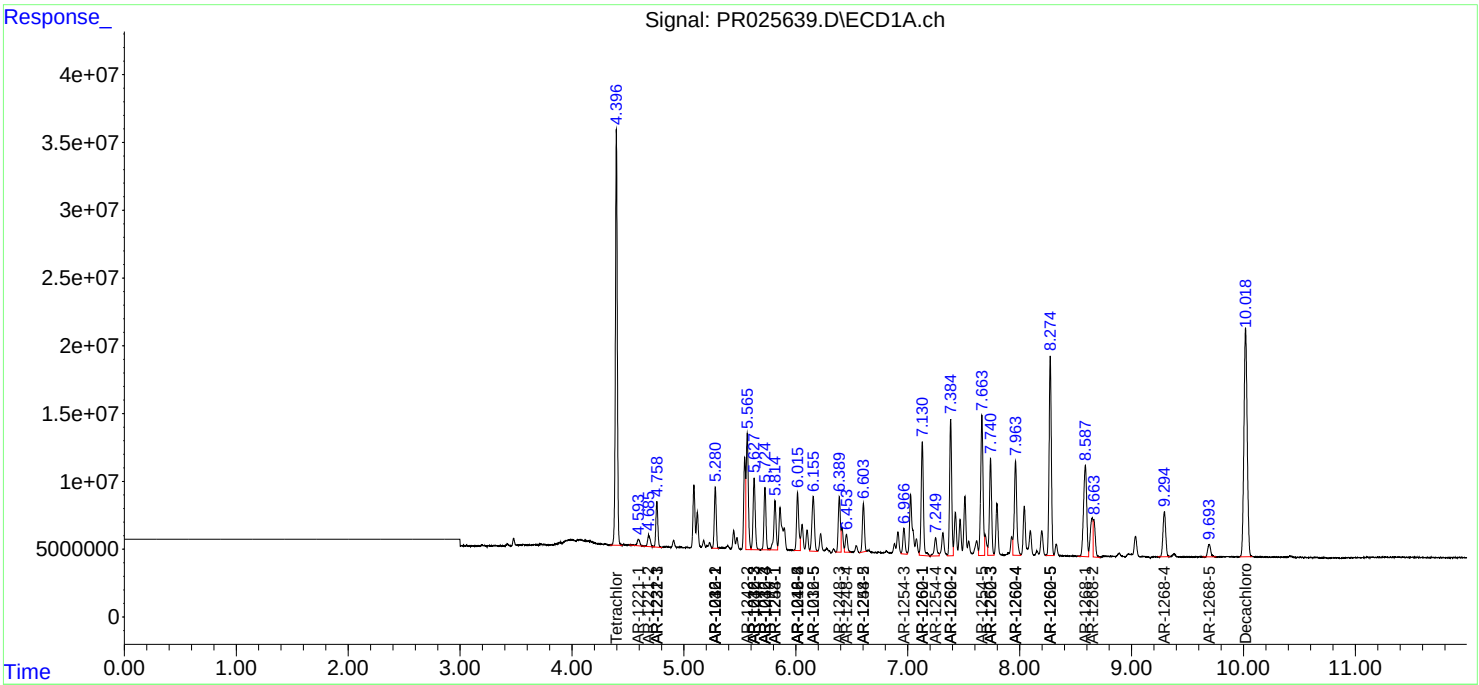
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

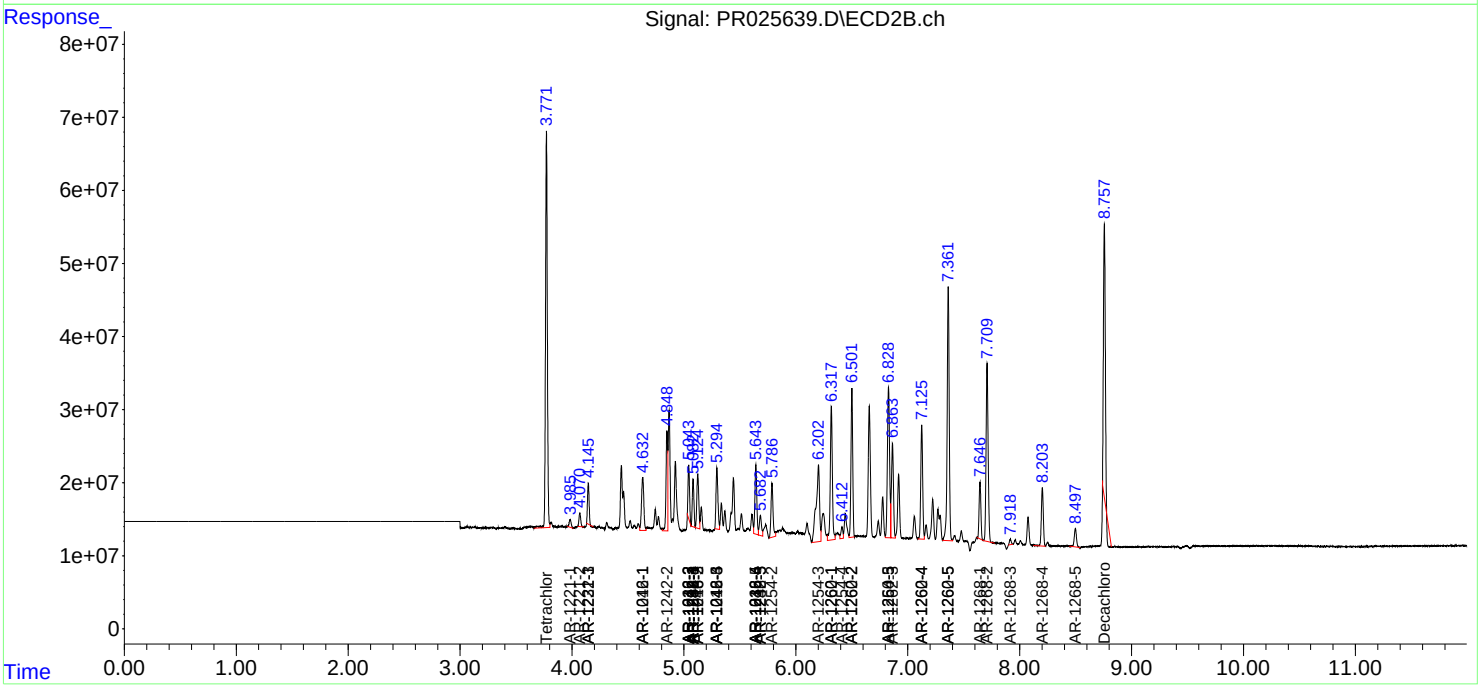
Quantitation Report (Not Reviewed)

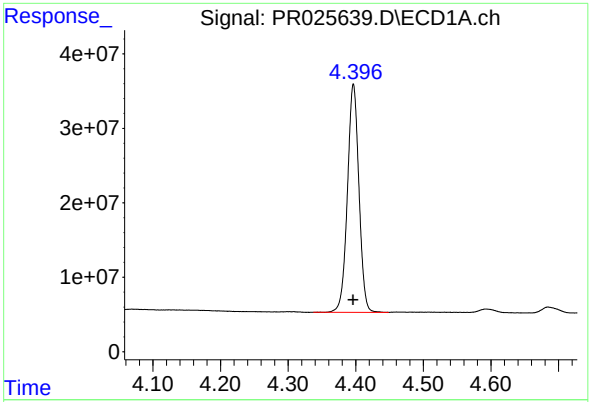
Data Path : P:\HPCHEM1\ECD_R\Data\PR022618\
Data File : PR025639.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2018 09:55
Operator : UA/SM
Sample : J1161-02
Misc : AR1660 100PPB LOQ SOIL ECD_R
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 02:18:33 2018
Quant Method : P:\HPCHEM1\ECD_R\Method\PR021018.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Feb 08 01:43:39 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

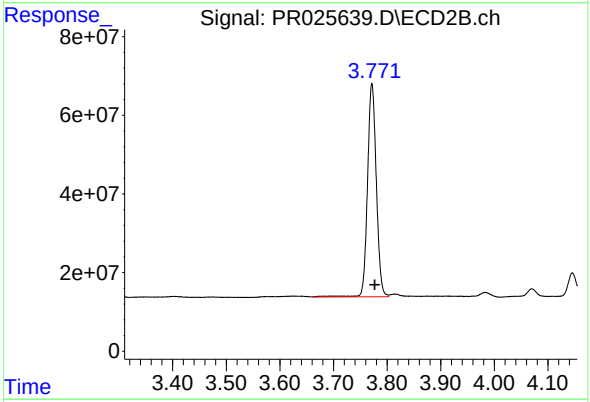






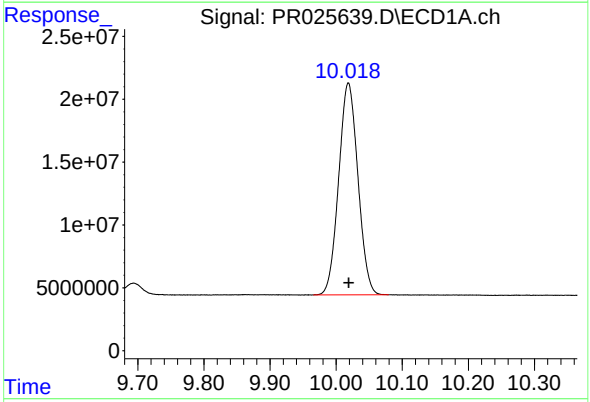
#1 Tetrachloro-m-xylene

R.T.: 4.397 min
Delta R.T.: 0.000 min
Response: 362626969
Conc: 21.54 ng/ml



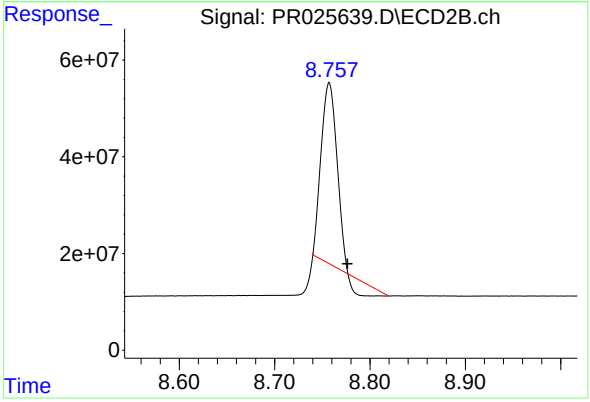
#1 Tetrachloro-m-xylene

R.T.: 3.772 min
Delta R.T.: -0.005 min
Response: 618565503
Conc: 21.55 ng/ml



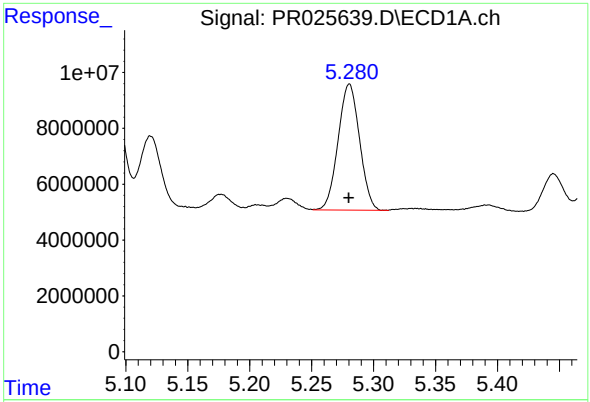
#2 Decachlorobiphenyl

R.T.: 10.019 min
Delta R.T.: 0.000 min
Response: 341190612
Conc: 30.13 ng/ml



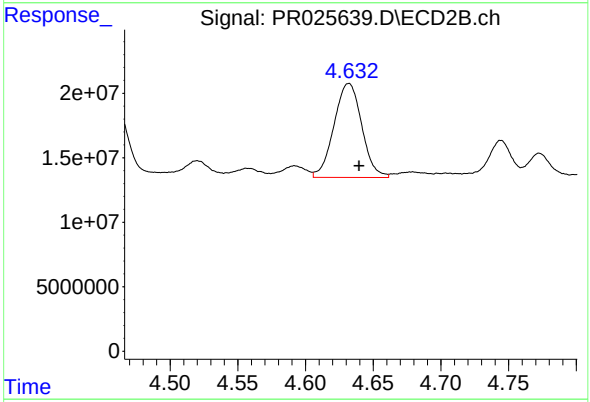
#2 Decachlorobiphenyl

R.T.: 8.757 min
Delta R.T.: -0.019 min
Response: 382333138
Conc: 18.07 ng/ml



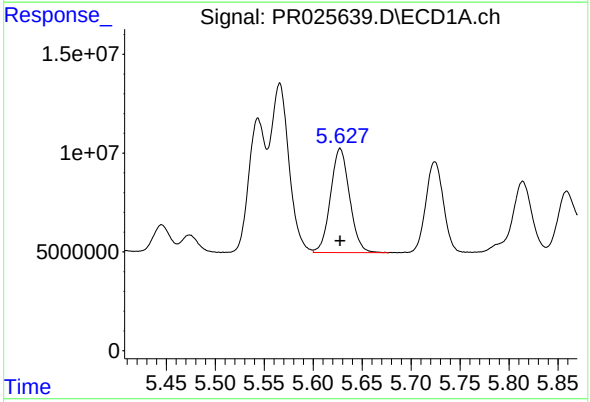
#3 AR-1016-1

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 54416862
Conc: 130.90 ng/ml



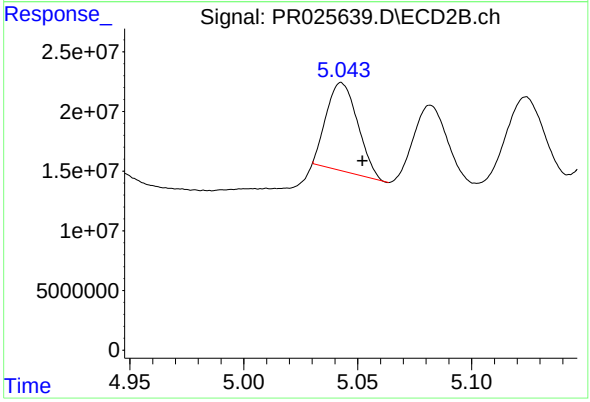
#3 AR-1016-1

R.T.: 4.632 min
Delta R.T.: -0.008 min
Response: 104171146
Conc: 115.40 ng/ml



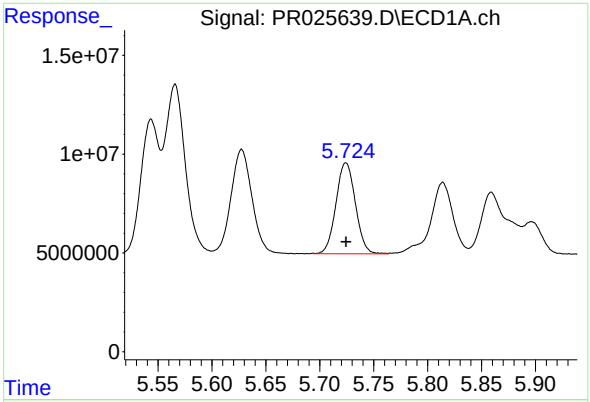
#4 AR-1016-2

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 71460496
Conc: 117.49 ng/ml



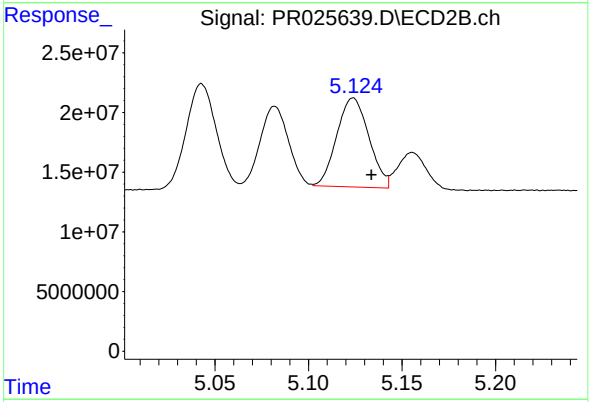
#4 AR-1016-2

R.T.: 5.043 min
Delta R.T.: -0.009 min
Response: 70407608
Conc: 95.69 ng/ml



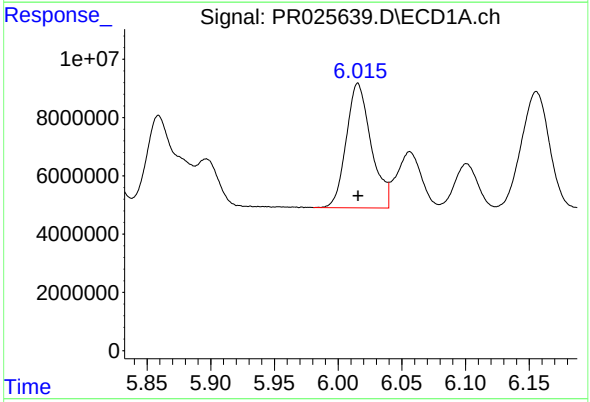
#5 AR-1016-3

R.T.: 5.724 min
Delta R.T.: 0.000 min
Response: 57835412
Conc: 115.33 ng/ml



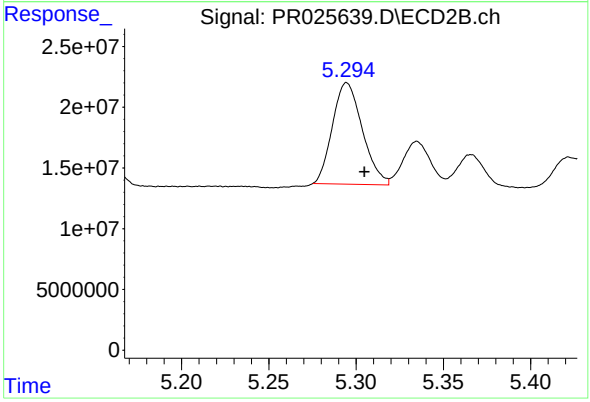
#5 AR-1016-3

R.T.: 5.124 min
Delta R.T.: -0.010 min
Response: 89204361
Conc: 109.92 ng/ml



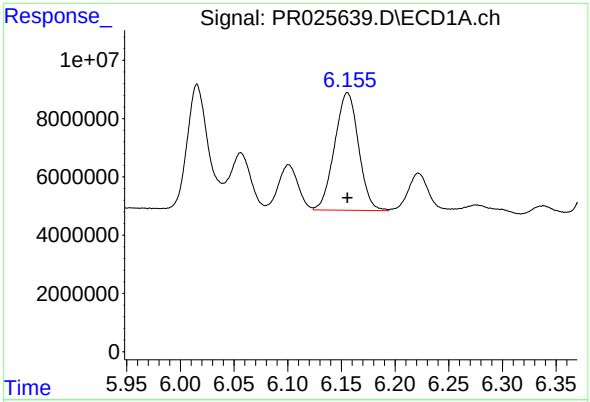
#6 AR-1016-4

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 58016914
Conc: 116.72 ng/ml



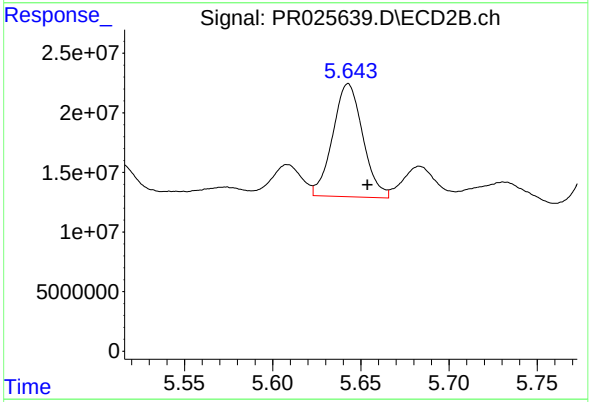
#6 AR-1016-4

R.T.: 5.295 min
Delta R.T.: -0.010 min
Response: 99625310
Conc: 107.86 ng/ml



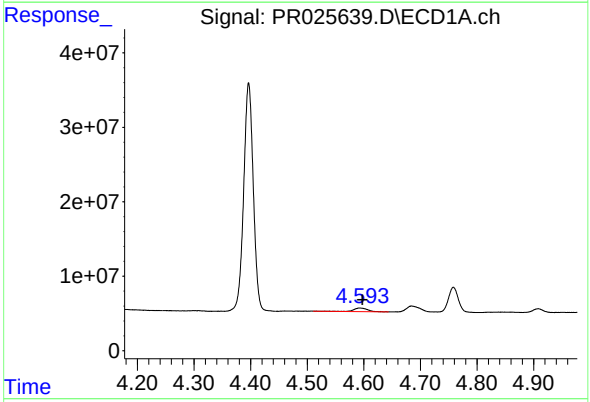
#7 AR-1016-5

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 62581386
Conc: 128.19 ng/ml



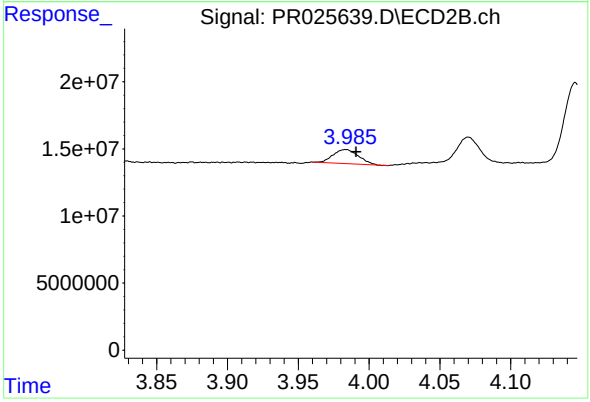
#7 AR-1016-5

R.T.: 5.643 min
Delta R.T.: -0.011 min
Response: 112755098
Conc: 126.06 ng/ml



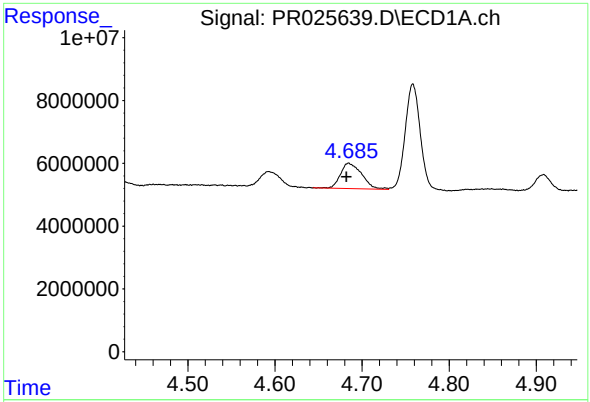
#8 AR-1221-1

R.T.: 4.593 min
Delta R.T.: -0.005 min
Response: 8045139
Conc: 42.97 ng/ml



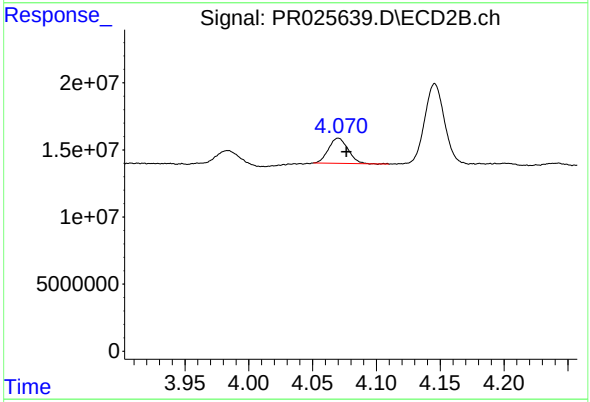
#8 AR-1221-1

R.T.: 3.984 min
Delta R.T.: -0.007 min
Response: 13032748
Conc: 40.91 ng/ml



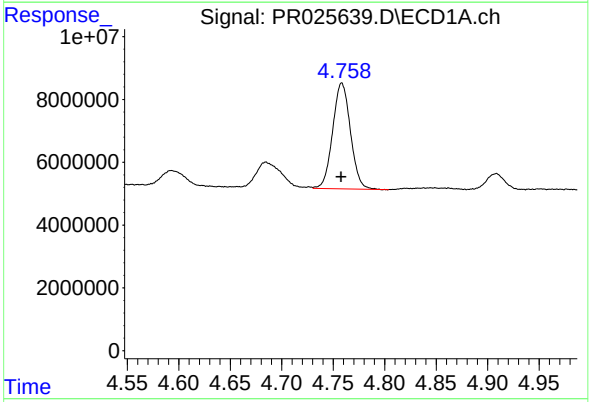
#9 AR-1221-2

R.T.: 4.685 min
Delta R.T.: 0.002 min
Response: 13763919
Conc: 96.03 ng/ml



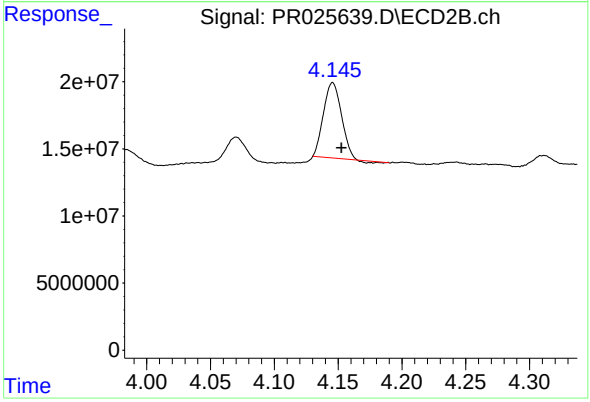
#9 AR-1221-2

R.T.: 4.070 min
Delta R.T.: -0.006 min
Response: 19908881
Conc: 85.05 ng/ml



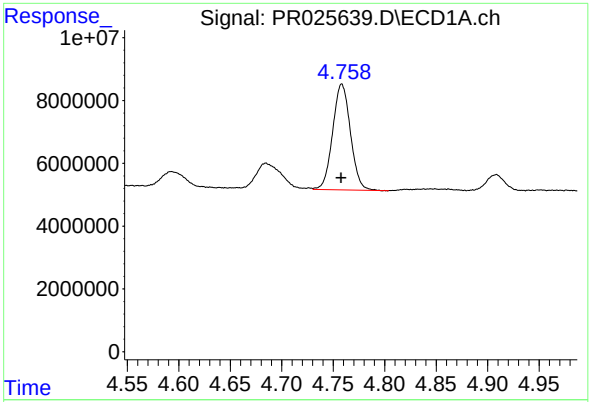
#10 AR-1221-3

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 40609274
Conc: 95.18 ng/ml



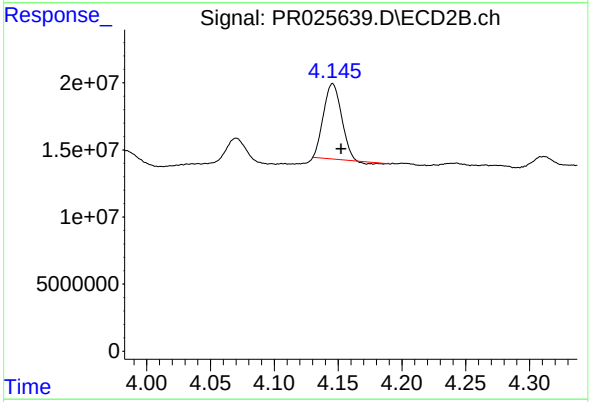
#10 AR-1221-3

R.T.: 4.146 min
Delta R.T.: -0.007 min
Response: 53812516
Conc: 77.07 ng/ml



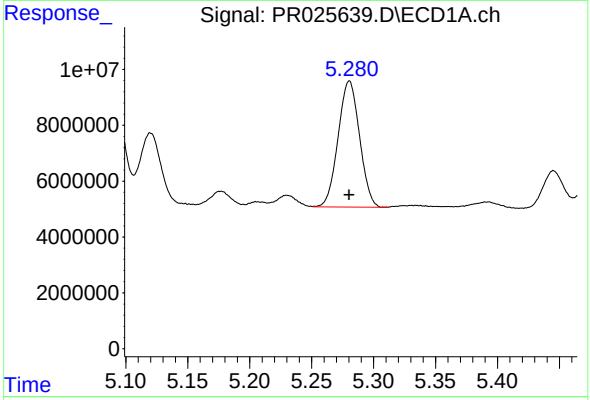
#11 AR-1232-1

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 40609274
Conc: 117.24 ng/ml



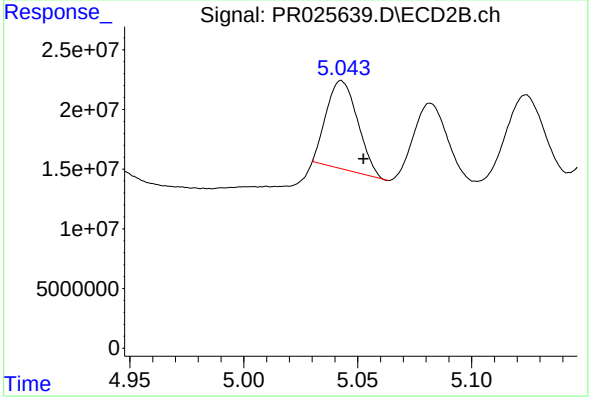
#11 AR-1232-1

R.T.: 4.146 min
Delta R.T.: -0.006 min
Response: 53812516
Conc: 93.32 ng/ml



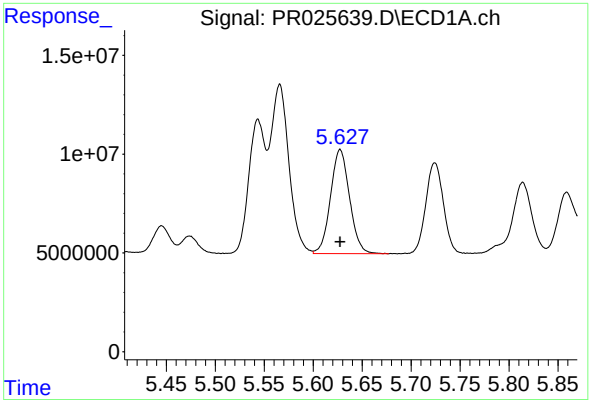
#12 AR-1232-2

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 54416862
Conc: 329.11 ng/ml



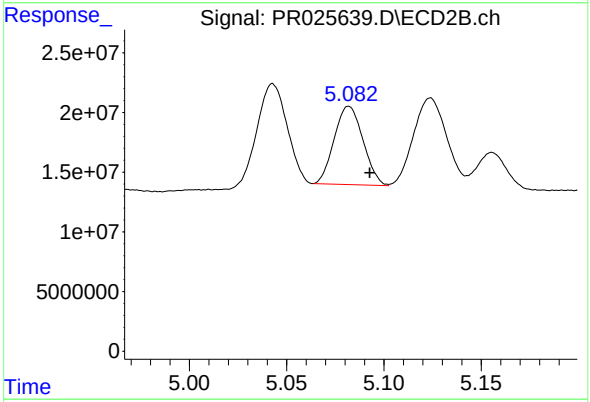
#12 AR-1232-2

R.T.: 5.043 min
Delta R.T.: -0.010 min
Response: 70407608
Conc: 247.21 ng/ml



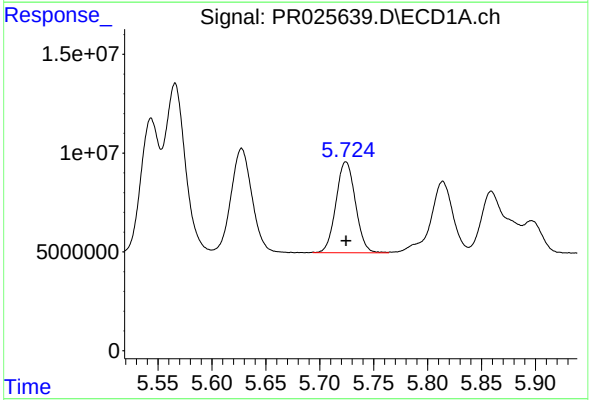
#13 AR-1232-3

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 71460496
Conc: 288.47 ng/ml



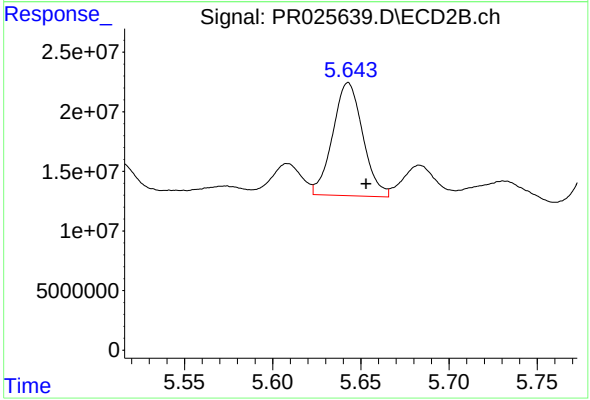
#13 AR-1232-3

R.T.: 5.082 min
Delta R.T.: -0.011 min
Response: 67724635
Conc: 315.62 ng/ml



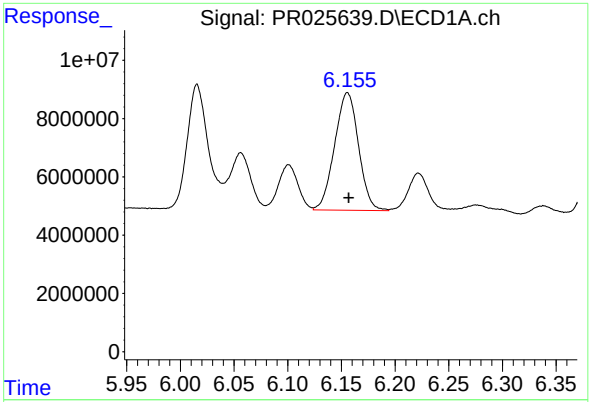
#14 AR-1232-4

R.T.: 5.724 min
Delta R.T.: 0.000 min
Response: 57835412
Conc: 296.77 ng/ml



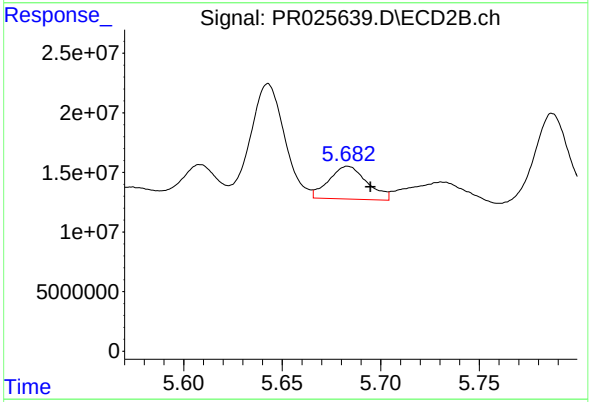
#14 AR-1232-4

R.T.: 5.643 min
Delta R.T.: -0.010 min
Response: 112755098
Conc: 289.42 ng/ml



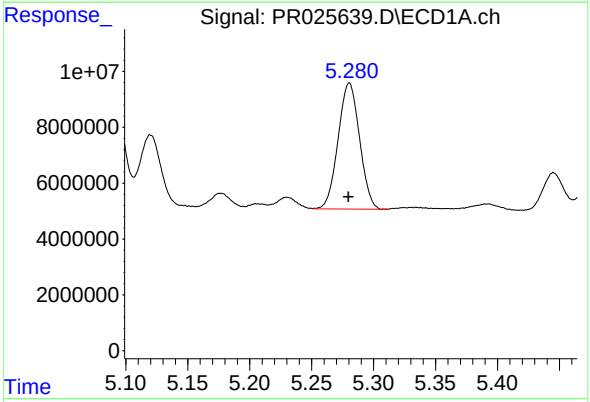
#15 AR-1232-5

R.T.: 6.156 min
Delta R.T.: -0.001 min
Response: 62581386
Conc: 313.62 ng/ml



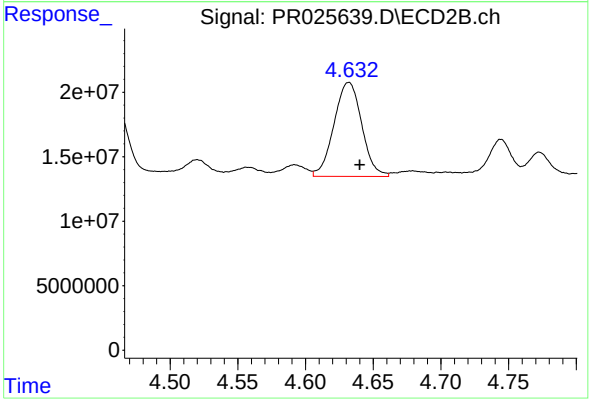
#15 AR-1232-5

R.T.: 5.683 min
Delta R.T.: -0.012 min
Response: 36987252
Conc: 106.10 ng/ml



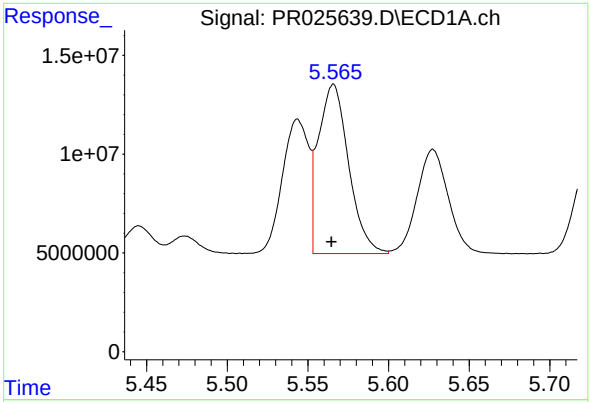
#16 AR-1242-1

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 54416862
Conc: 199.18 ng/ml



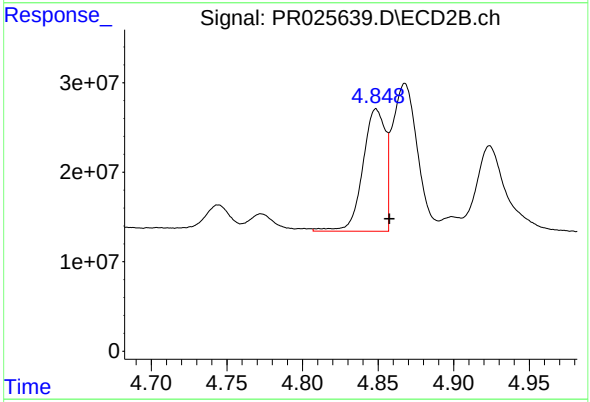
#16 AR-1242-1

R.T.: 4.632 min
Delta R.T.: -0.008 min
Response: 104171146
Conc: 183.65 ng/ml



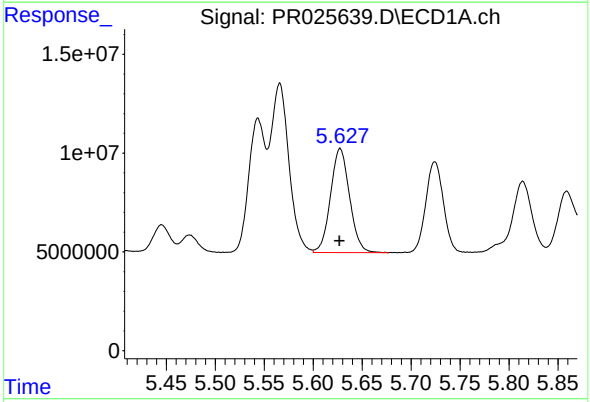
#17 AR-1242-2

R.T.: 5.566 min
Delta R.T.: 0.001 min
Response: 111641450
Conc: 177.31 ng/ml



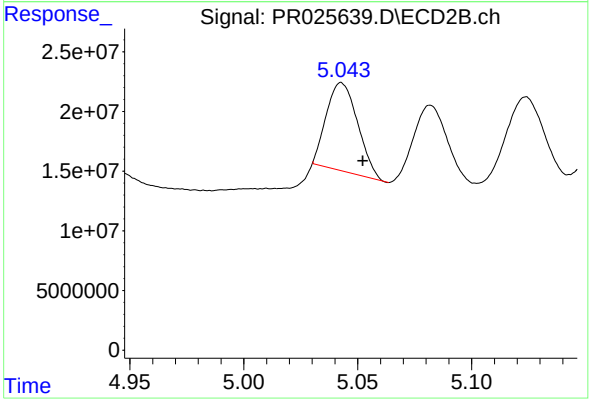
#17 AR-1242-2

R.T.: 4.849 min
Delta R.T.: -0.009 min
Response: 141339729
Conc: 181.37 ng/ml



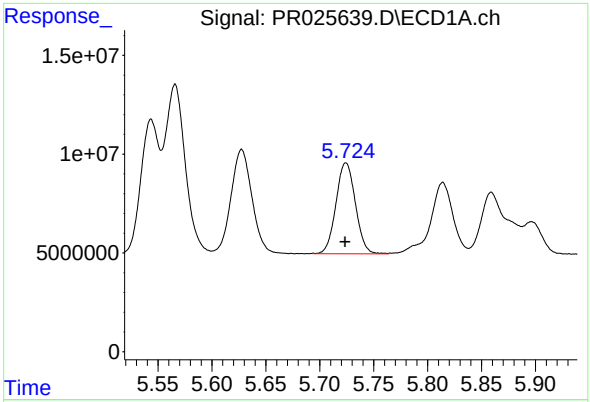
#18 AR-1242-3

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 71460496
Conc: 180.54 ng/ml



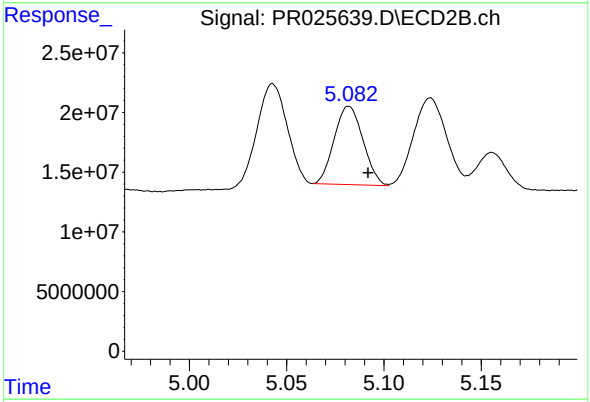
#18 AR-1242-3

R.T.: 5.043 min
Delta R.T.: -0.009 min
Response: 70407608
Conc: 150.78 ng/ml



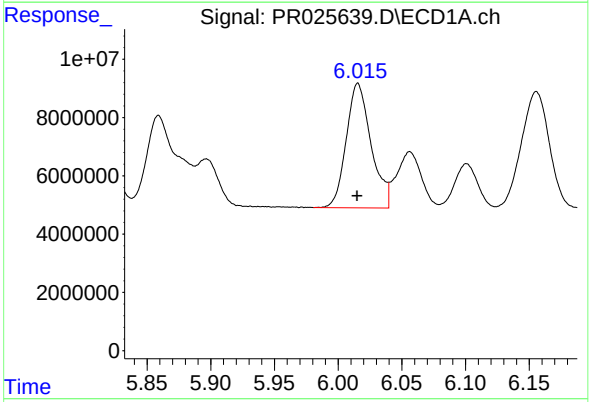
#19 AR-1242-4

R.T.: 5.724 min
Delta R.T.: 0.000 min
Response: 57835412
Conc: 177.19 ng/ml



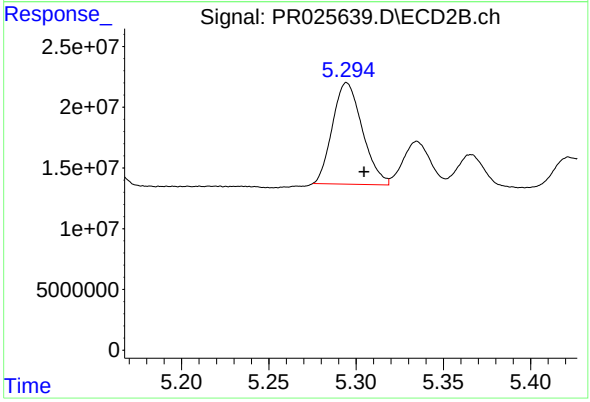
#19 AR-1242-4

R.T.: 5.082 min
Delta R.T.: -0.010 min
Response: 67724635
Conc: 186.04 ng/ml



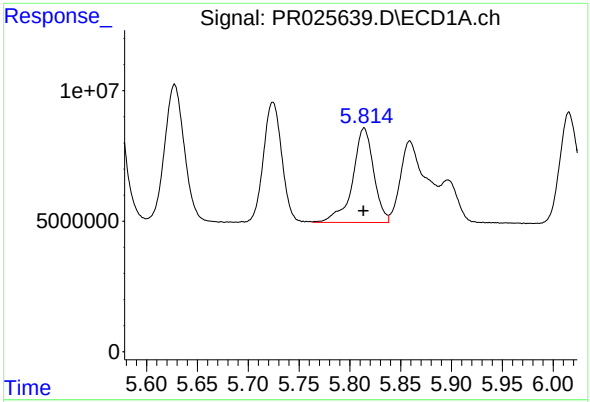
#20 AR-1242-5

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 58016914
Conc: 177.80 ng/ml



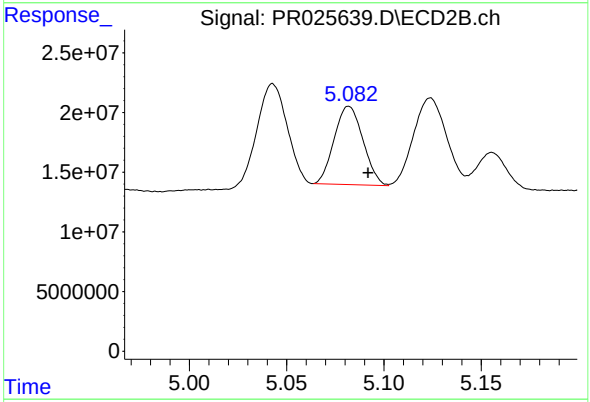
#20 AR-1242-5

R.T.: 5.295 min
Delta R.T.: -0.010 min
Response: 99625310
Conc: 166.94 ng/ml



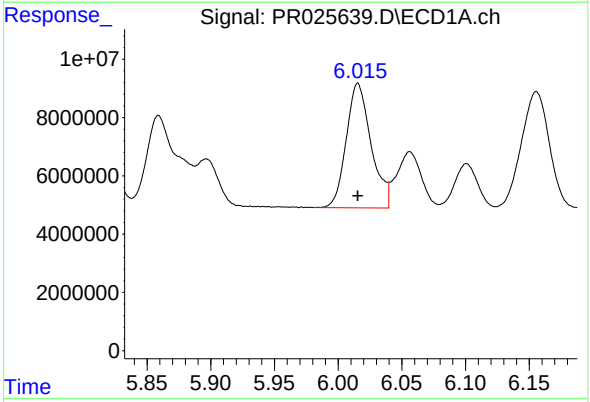
#21 AR-1248-1

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 52313627
Conc: 97.07 ng/ml



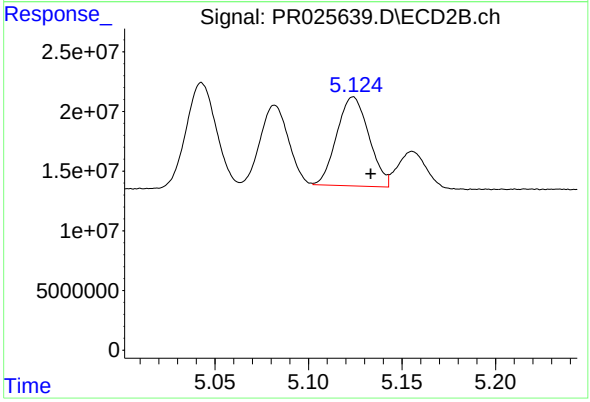
#21 AR-1248-1

R.T.: 5.082 min
Delta R.T.: -0.010 min
Response: 67724635
Conc: 87.14 ng/ml



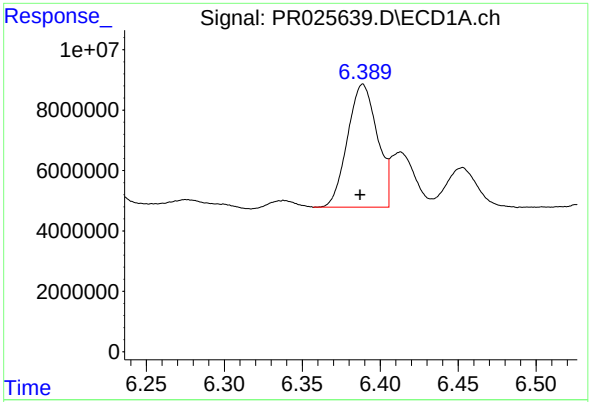
#22 AR-1248-2

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 58016914
Conc: 97.01 ng/ml



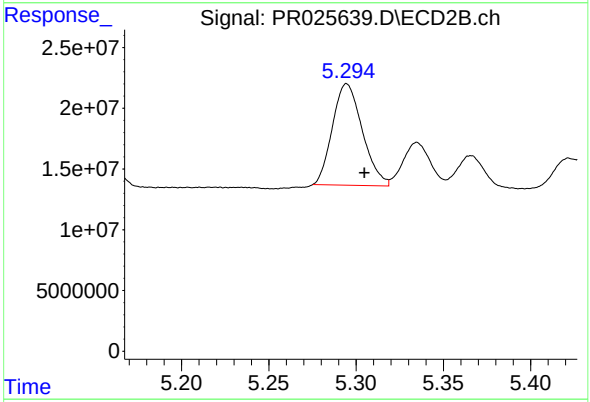
#22 AR-1248-2

R.T.: 5.124 min
Delta R.T.: -0.009 min
Response: 89204361
Conc: 101.85 ng/ml



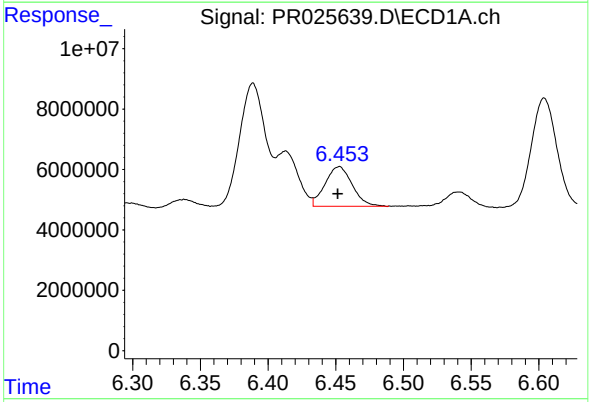
#23 AR-1248-3

R.T.: 6.389 min
Delta R.T.: 0.002 min
Response: 54116237
Conc: 102.88 ng/ml



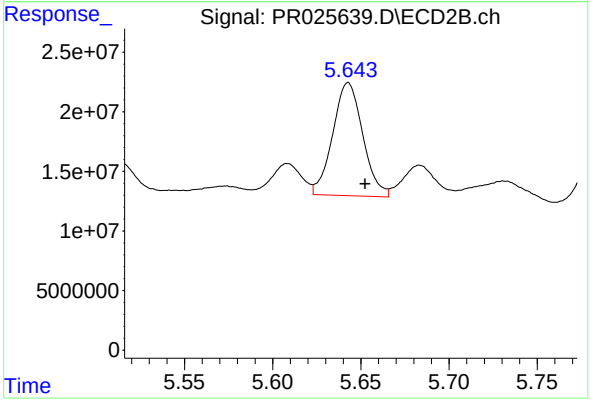
#23 AR-1248-3

R.T.: 5.295 min
Delta R.T.: -0.010 min
Response: 99625310
Conc: 89.89 ng/ml



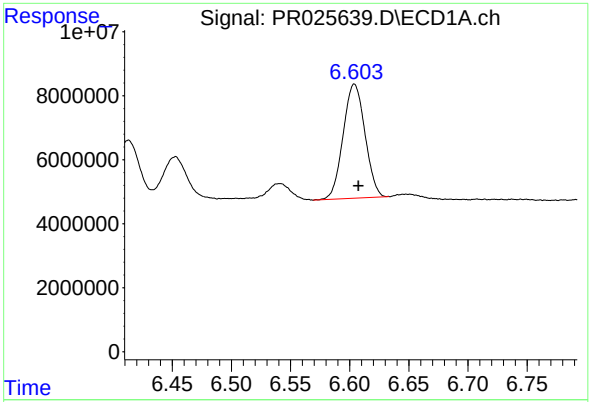
#24 AR-1248-4

R.T.: 6.452 min
Delta R.T.: 0.001 min
Response: 18292642
Conc: 26.55 ng/ml



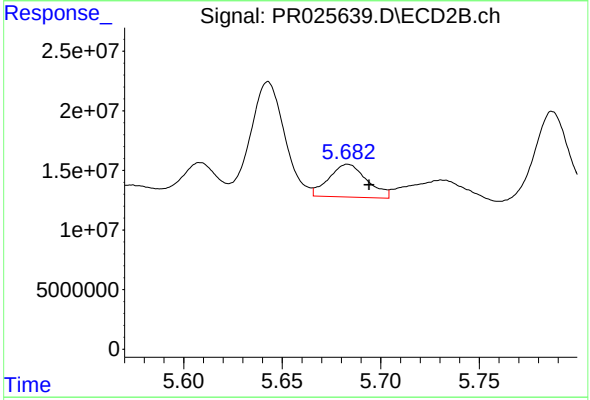
#24 AR-1248-4

R.T.: 5.643 min
Delta R.T.: -0.010 min
Response: 112755098
Conc: 69.94 ng/ml



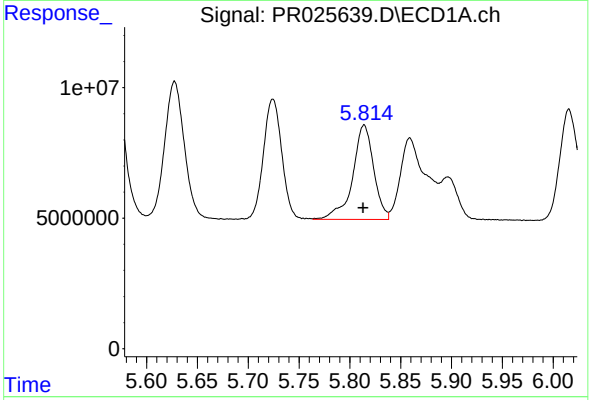
#25 AR-1248-5

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 45750632
Conc: 65.63 ng/ml



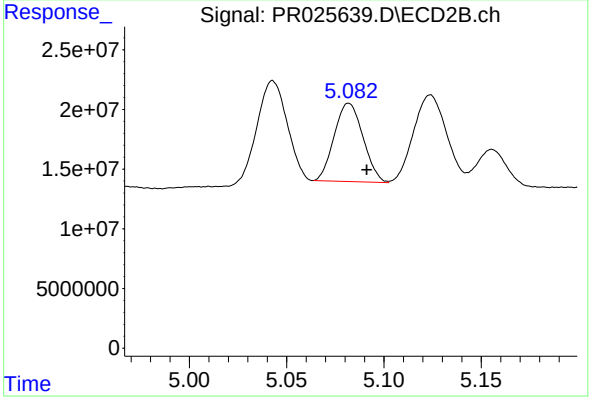
#25 AR-1248-5

R.T.: 5.683 min
Delta R.T.: -0.011 min
Response: 36987252
Conc: 32.63 ng/ml



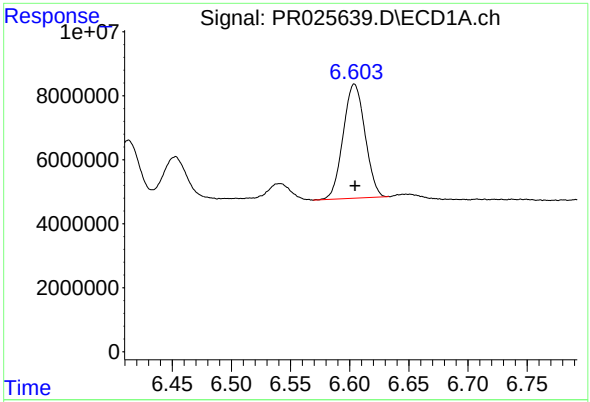
#26 AR-1254-1

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 52313627
Conc: 128.65 ng/ml



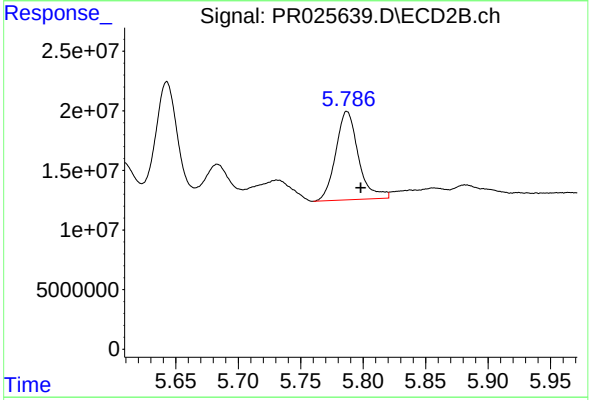
#26 AR-1254-1

R.T.: 5.082 min
Delta R.T.: -0.009 min
Response: 67724635
Conc: 99.83 ng/ml



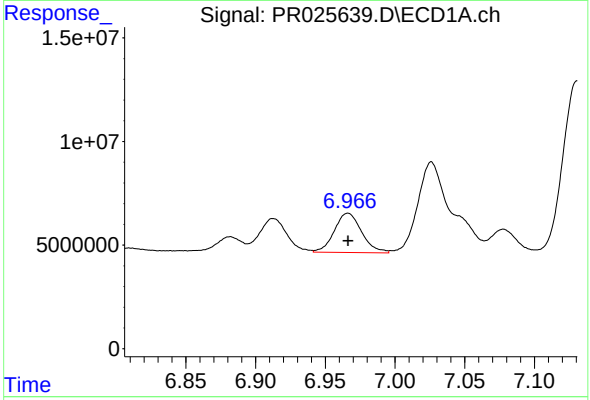
#27 AR-1254-2

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 45750632
Conc: 43.38 ng/ml



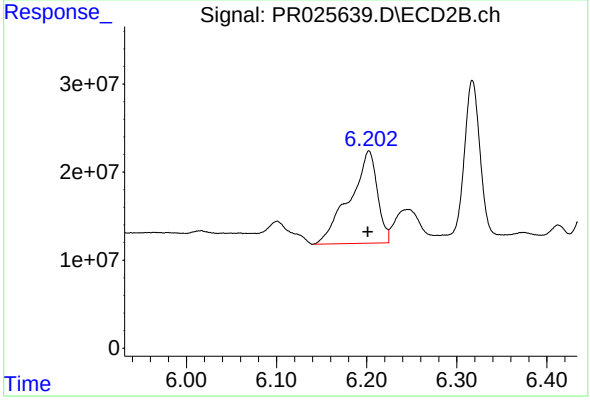
#27 AR-1254-2

R.T.: 5.787 min
Delta R.T.: -0.011 min
Response: 93923689
Conc: 63.48 ng/ml



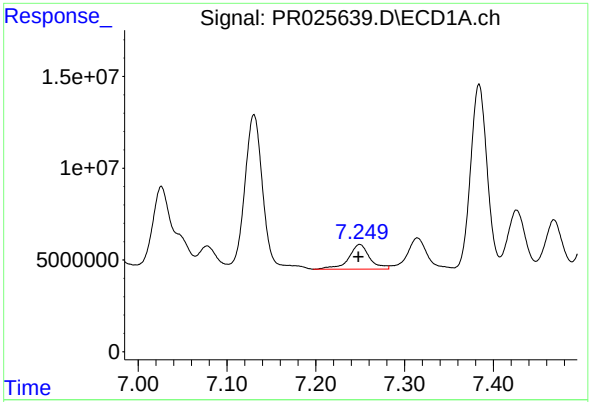
#28 AR-1254-3

R.T.: 6.966 min
Delta R.T.: 0.000 min
Response: 25901726
Conc: 22.99 ng/ml



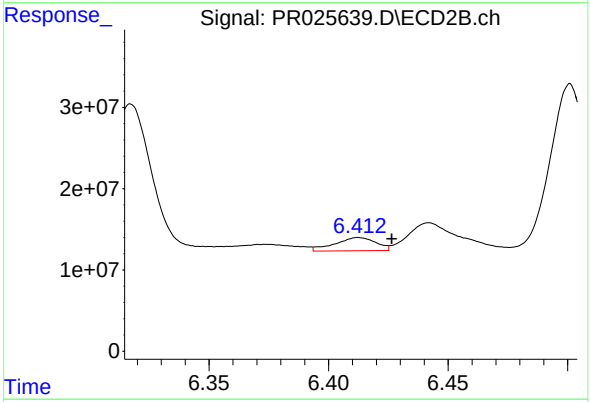
#28 AR-1254-3

R.T.: 6.203 min
Delta R.T.: 0.001 min
Response: 223287593
Conc: 91.21 ng/ml



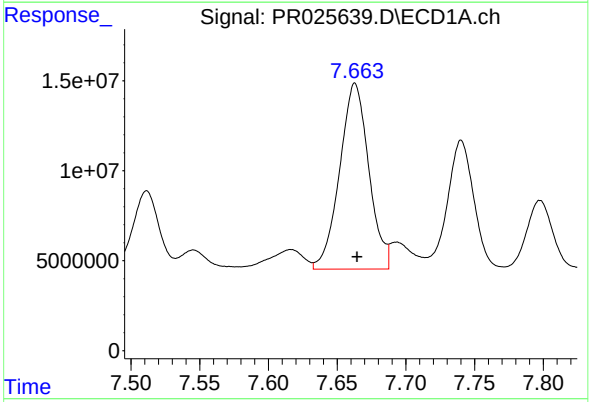
#29 AR-1254-4

R.T.: 7.250 min
Delta R.T.: 0.002 min
Response: 22129994
Conc: 27.05 ng/ml



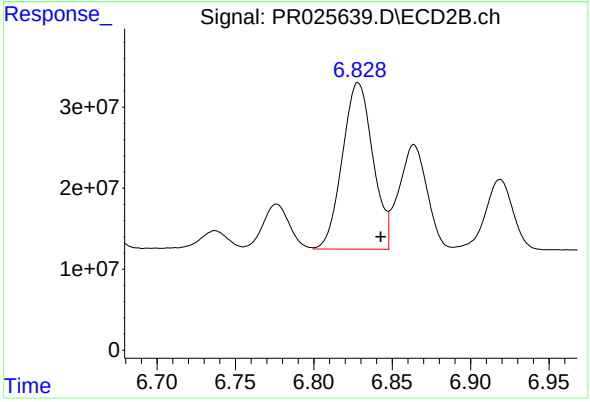
#29 AR-1254-4

R.T.: 6.413 min
Delta R.T.: -0.014 min
Response: 19497617
Conc: 12.88 ng/ml



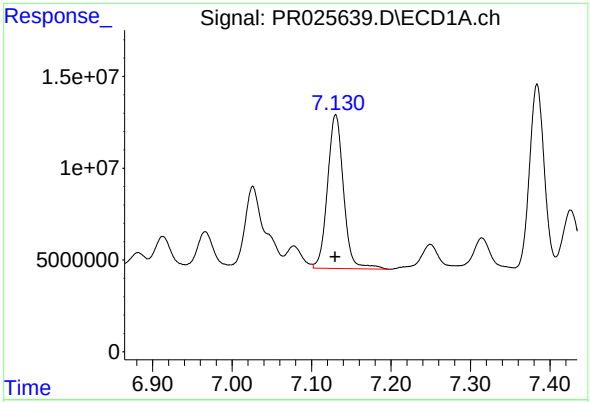
#30 AR-1254-5

R.T.: 7.663 min
Delta R.T.: -0.001 min
Response: 152509191
Conc: 184.55 ng/ml



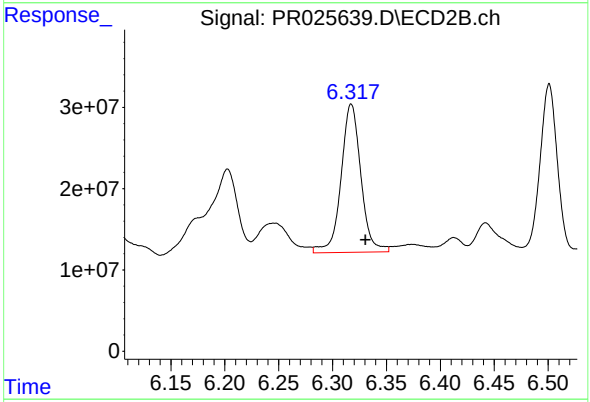
#30 AR-1254-5

R.T.: 6.828 min
Delta R.T.: -0.014 min
Response: 278737014
Conc: 139.78 ng/ml



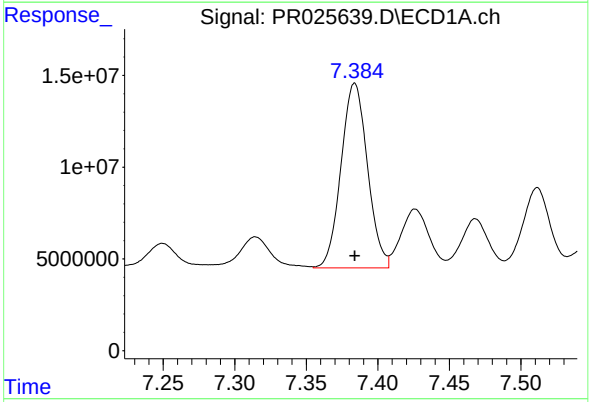
#31 AR-1260-1

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 117358596
Conc: 130.99 ng/ml



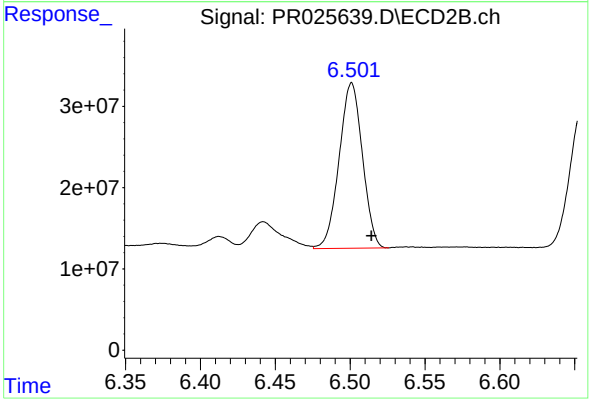
#31 AR-1260-1

R.T.: 6.317 min
Delta R.T.: -0.013 min
Response: 234056533
Conc: 134.80 ng/ml



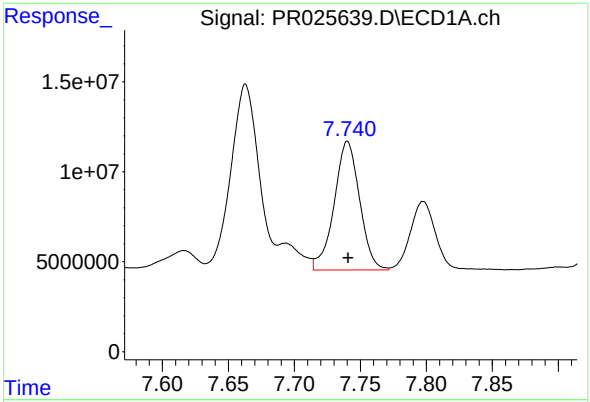
#32 AR-1260-2

R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 129497778
Conc: 126.53 ng/ml



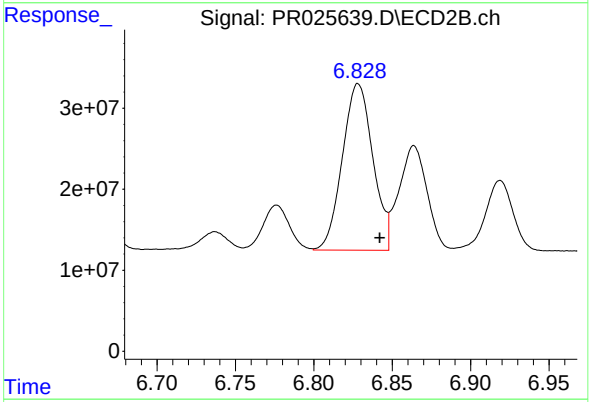
#32 AR-1260-2

R.T.: 6.501 min
Delta R.T.: -0.013 min
Response: 220541596
Conc: 102.24 ng/ml



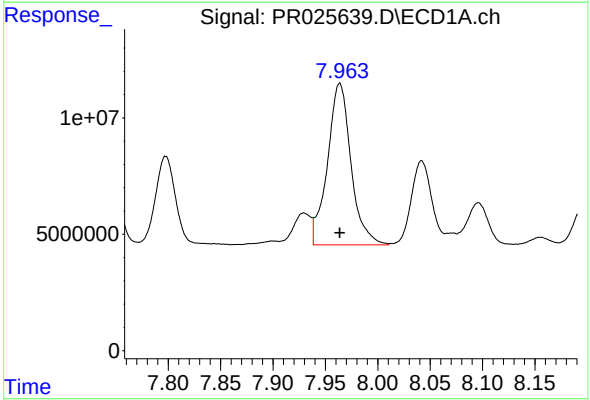
#33 AR-1260-3

R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 96107942
Conc: 130.58 ng/ml



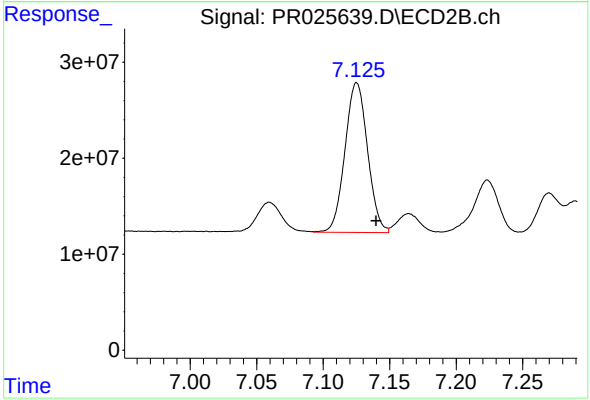
#33 AR-1260-3

R.T.: 6.828 min
Delta R.T.: -0.014 min
Response: 278737014
Conc: 122.52 ng/ml



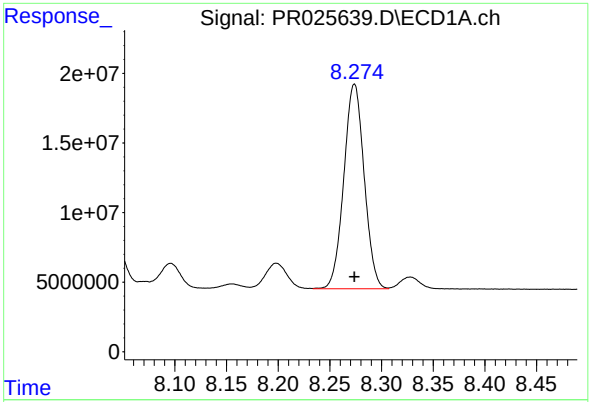
#34 AR-1260-4

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 108430447
Conc: 127.92 ng/ml



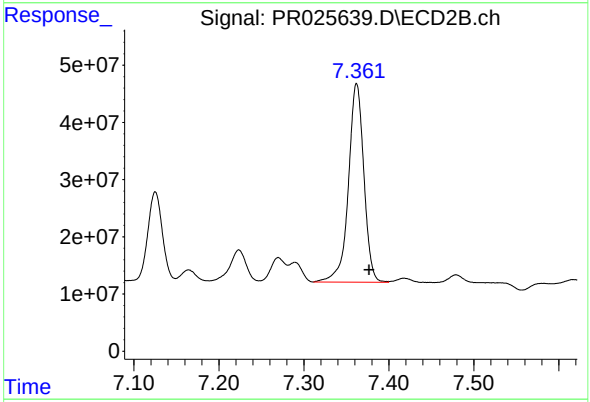
#34 AR-1260-4

R.T.: 7.125 min
Delta R.T.: -0.014 min
Response: 184350452
Conc: 124.27 ng/ml



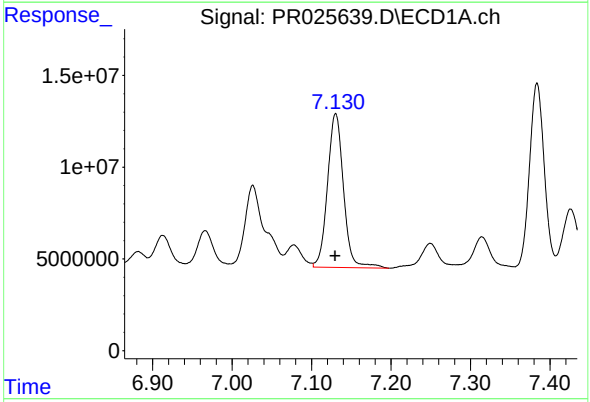
#35 AR-1260-5

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 201701274
Conc: 126.19 ng/ml



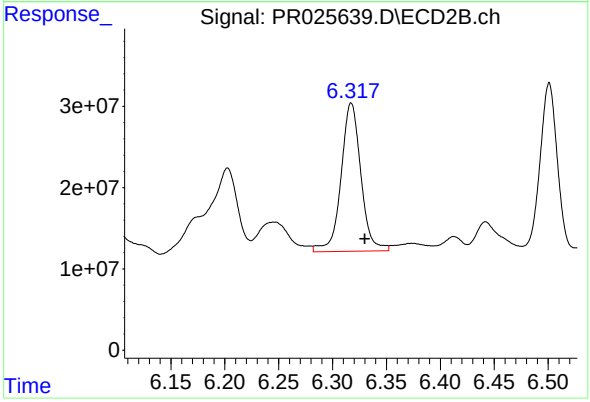
#35 AR-1260-5

R.T.: 7.362 min
Delta R.T.: -0.014 min
Response: 438856803
Conc: 124.23 ng/ml



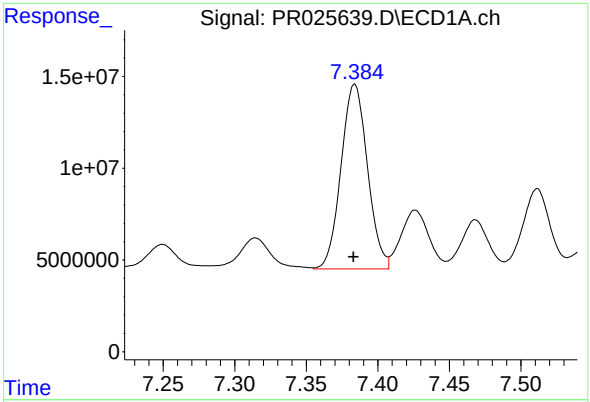
#36 AR-1262-1

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 117358596
Conc: 189.77 ng/ml



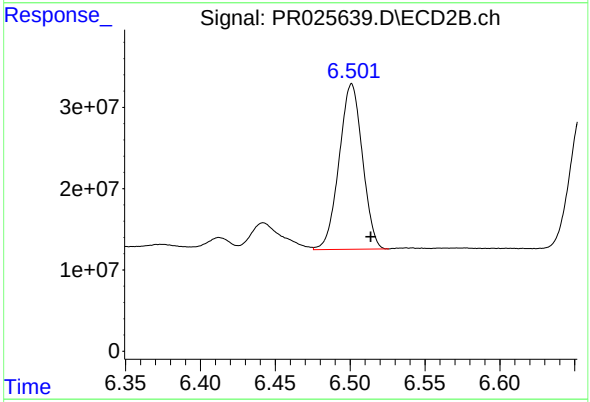
#36 AR-1262-1

R.T.: 6.317 min
Delta R.T.: -0.012 min
Response: 234056533
Conc: 193.30 ng/ml



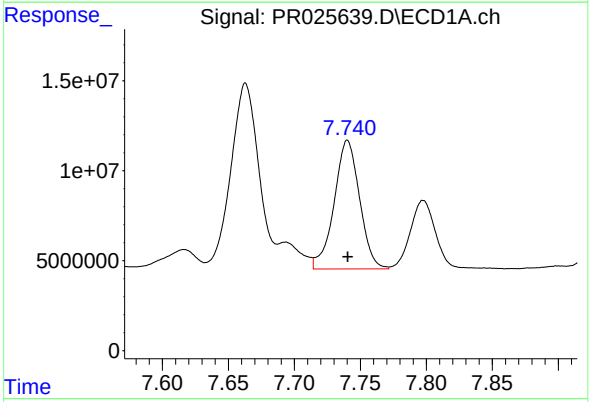
#37 AR-1262-2

R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 129497778
Conc: 185.48 ng/ml



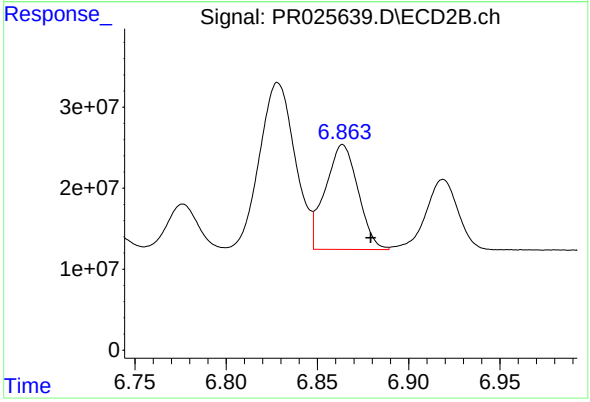
#37 AR-1262-2

R.T.: 6.501 min
Delta R.T.: -0.013 min
Response: 220541596
Conc: 155.26 ng/ml



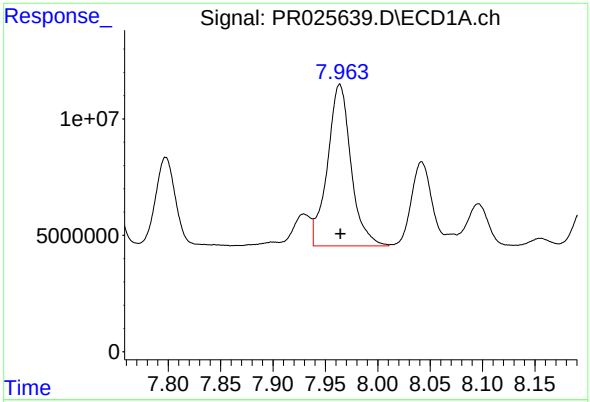
#38 AR-1262-3

R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 96107942
Conc: 103.15 ng/ml



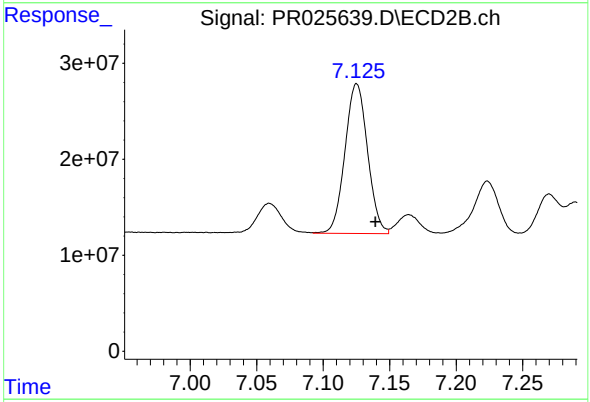
#38 AR-1262-3

R.T.: 6.864 min
Delta R.T.: -0.015 min
Response: 162157466
Conc: 84.30 ng/ml



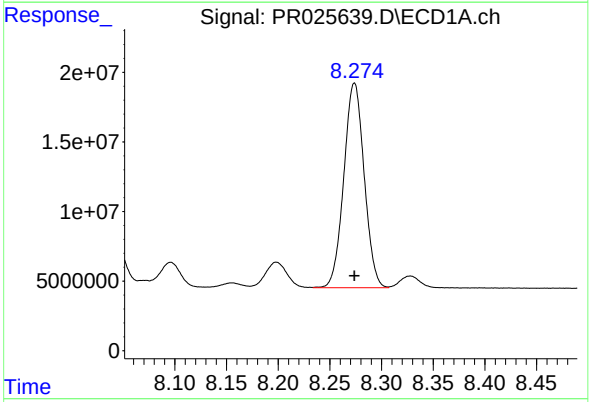
#39 AR-1262-4

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 108430447
Conc: 127.29 ng/ml



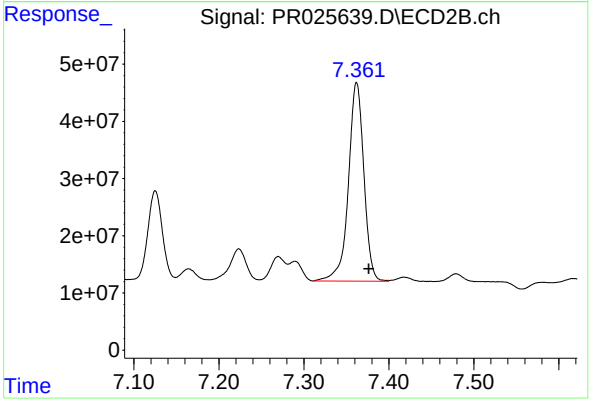
#39 AR-1262-4

R.T.: 7.125 min
Delta R.T.: -0.014 min
Response: 184350452
Conc: 108.87 ng/ml



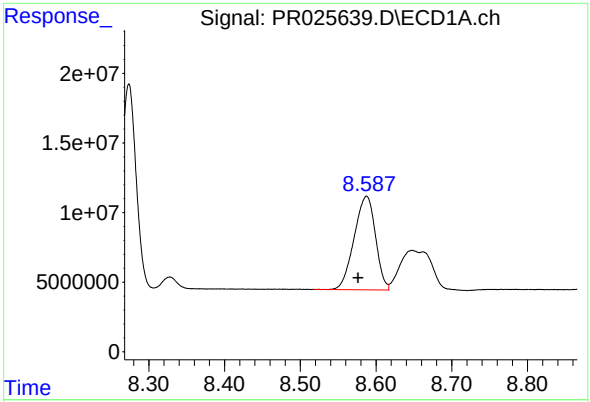
#40 AR-1262-5

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 201701274
Conc: 130.18 ng/ml



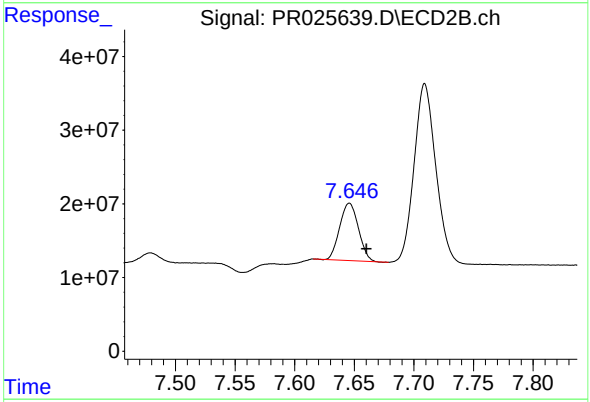
#40 AR-1262-5

R.T.: 7.362 min
Delta R.T.: -0.014 min
Response: 438856803
Conc: 129.13 ng/ml



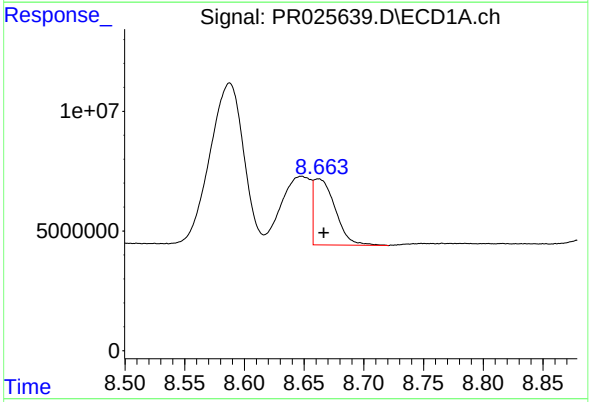
#41 AR-1268-1

R.T.: 8.588 min
Delta R.T.: 0.012 min
Response: 131816590
Conc: 79.37 ng/ml



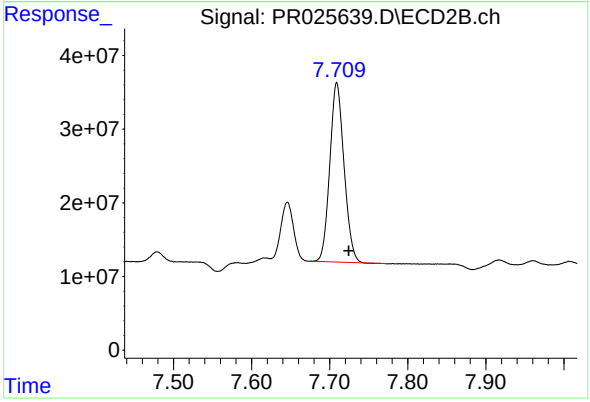
#41 AR-1268-1

R.T.: 7.646 min
Delta R.T.: -0.014 min
Response: 85307115
Conc: 24.20 ng/ml



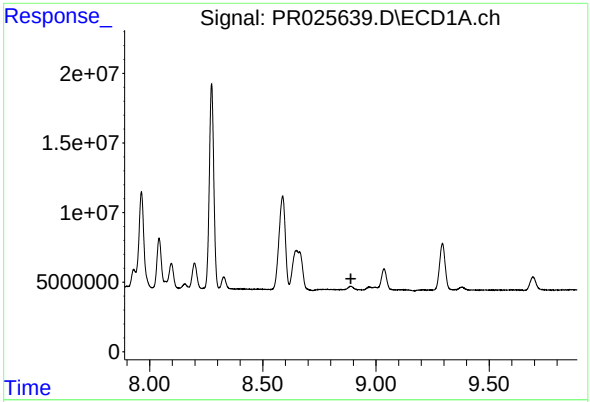
#42 AR-1268-2

R.T.: 8.662 min
Delta R.T.: -0.005 min
Response: 34603813
Conc: 22.60 ng/ml



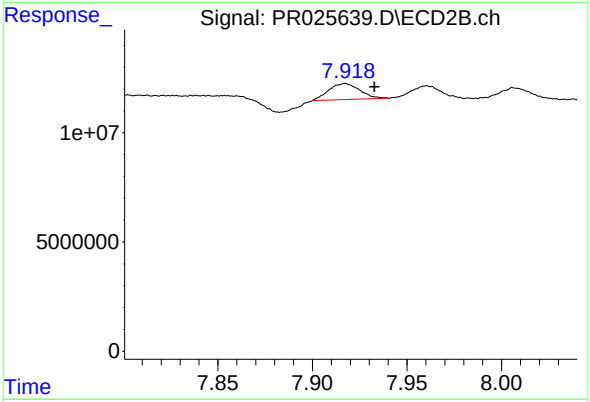
#42 AR-1268-2

R.T.: 7.709 min
Delta R.T.: -0.015 min
Response: 307704356
Conc: 93.96 ng/ml



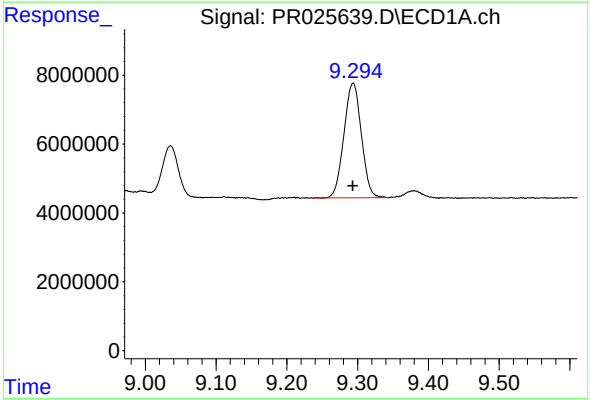
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.889 min
Response: 0
Conc: N.D.



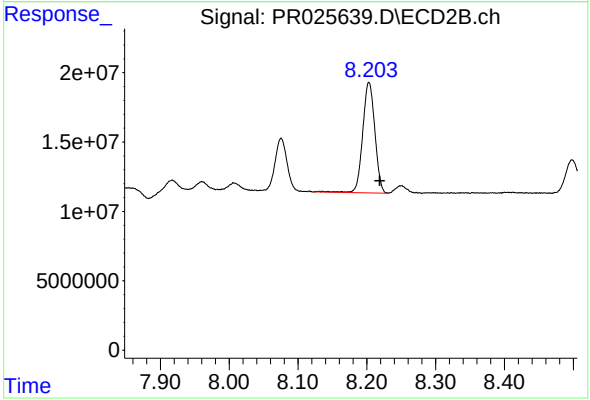
#43 AR-1268-3

R.T.: 7.917 min
Delta R.T.: -0.016 min
Response: 8277639
Conc: 3.13 ng/ml



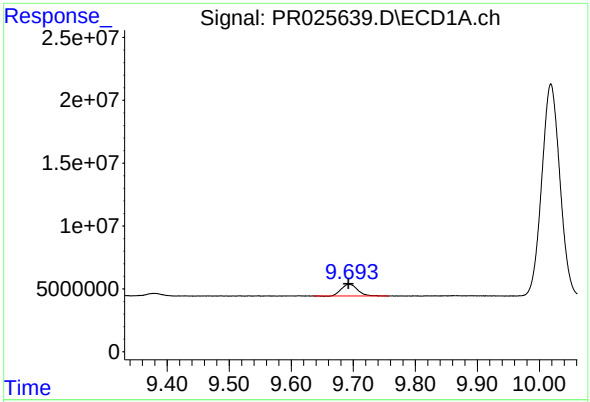
#44 AR-1268-4

R.T.: 9.294 min
Delta R.T.: 0.000 min
Response: 56950001
Conc: 99.03 ng/ml



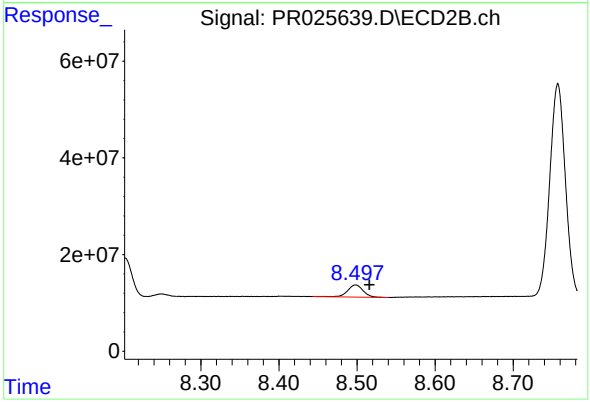
#44 AR-1268-4

R.T.: 8.203 min
Delta R.T.: -0.016 min
Response: 97830884
Conc: 87.61 ng/ml



#45 AR-1268-5

R.T.: 9.694 min
Delta R.T.: 0.001 min
Response: 17063685
Conc: 4.39 ng/ml



#45 AR-1268-5

R.T.: 8.498 min
Delta R.T.: -0.017 min
Response: 34334089
Conc: 4.20 ng/ml