

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR032119\
 Data File : PR036528.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2019 06:38
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 05:07:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 15:19:33 2019
 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...	4.398	3.472	83029761	250.2E6	54.859	61.007
2)	SA Decachlor...	10.050	8.335	100.1E6	378.4E6	57.122	68.394
Target Compounds							
3)	L1 AR-1016-1	5.561	4.524	32216295	99046819	540.538	605.067
4)	L1 AR-1016-2	5.582	4.541	50935281	154.7E6	524.756	578.479
5)	L1 AR-1016-3	5.643	4.713	30014164	78729680	520.053	590.369
6)	L1 AR-1016-4	5.742	4.753	24813860	59288677	523.503	577.759
7)	L1 AR-1016-5	6.033	4.961	25513153	78303922	515.153	551.046
8)	L2 AR-1221-1	4.604	3.678	2911974	7897763	237.114	264.468
9)	L2 AR-1221-2	4.694	3.763	4261554	11176690	454.319	490.467
10)	L2 AR-1221-3	4.770	3.836	15556956	44138956	521.855	572.232
11)	L3 AR-1232-1	4.770	3.836	15556956	44138956	403.082	436.626
12)	L3 AR-1232-2	5.294	4.541	23570369	154.7E6	1102.352	1239.693
13)	L3 AR-1232-3	5.582	4.713	50935281	78729680	1154.678	1289.174
14)	L3 AR-1232-4	5.742	4.793	24813860	74334609	1158.351	1412.491
15)	L3 AR-1232-5	5.830	4.961	22106966	78303922	1291.883	1316.209
16)	L4 AR-1242-1	5.561	4.541	32216295	154.7E6	725.352	1255.948 #
17)	L4 AR-1242-2	5.582	4.541	50935281	154.7E6	708.601	765.086
18)	L4 AR-1242-3	5.643	4.713	30014164	78729680	684.510	775.146
19)	L4 AR-1242-4	5.742	4.793	24813860	74334609	690.299	765.800
20)	L4 AR-1242-5	6.473	5.303	4870258	72014394	111.384	532.401 #
21)	L5 AR-1248-1	5.561	4.541	32216295	154.7E6	608.373	1018.261 #
22)	L5 AR-1248-2	5.830	4.753	22106966	59288677	280.282	283.173
23)	L5 AR-1248-3	6.033	4.793	25513153	74334609	283.354	345.348
24)	L5 AR-1248-4	6.433	4.961	5536730	78303922	52.170	293.556 #
25)	L5 AR-1248-5	6.473	5.342	4870258	23049572	47.955	76.254 #
26)	L6 AR-1254-1	6.407	5.303	22352666	72014394	293.532	226.409
27)	L6 AR-1254-2	6.622	5.448	20676796	71071146	172.502	254.410 #
28)	L6 AR-1254-3	6.989	5.856	13918616	141.0E6	105.379	300.239 #
29)	L6 AR-1254-4	7.272	6.068	13340752	28345549	136.526	81.356 #
30)	L6 AR-1254-5	7.689	6.475	83882436	269.5E6	686.102	598.687
31)	L7 AR-1260-1	7.150	5.969	49409331	189.5E6	524.193	635.570
32)	L7 AR-1260-2	7.405	6.155	63223924	280.6E6	554.095	630.429
33)	L7 AR-1260-3	7.762	6.304	48626665	230.5E6	543.582	639.090
34)	L7 AR-1260-4	7.987	6.767	56950734	197.9E6	555.657	630.661
35)	L7 AR-1260-5	8.302	7.009	115.9E6	582.5E6	580.062	636.227
36)	L8 AR-1262-1	7.762	6.565	48626665	128.2E6	359.749	552.544 #
37)	L8 AR-1262-2	8.302	7.009	115.9E6	582.5E6	484.063	516.340
38)	L8 AR-1262-3	8.623	7.286	74080521	129.7E6	471.392	296.477 #
39)	L8 AR-1262-4	8.675	7.350	46888782	389.0E6	395.508	520.388 #
40)	L8 AR-1262-5	9.332	7.840	33880959	143.5E6	423.987	443.625
41)	L9 AR-1268-1	8.623	7.286	74080521	129.7E6	273.054	98.766 #

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR032019.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 20 15:19:33 2019
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

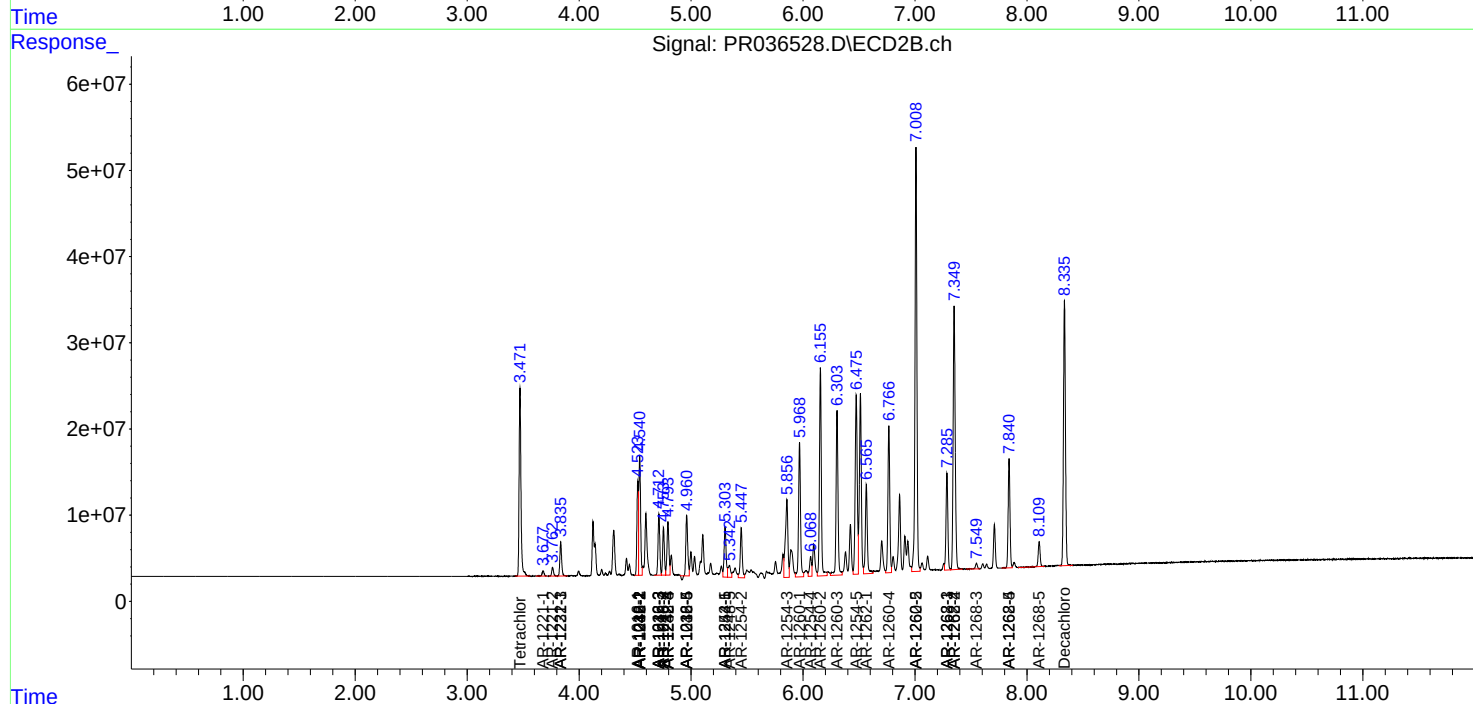
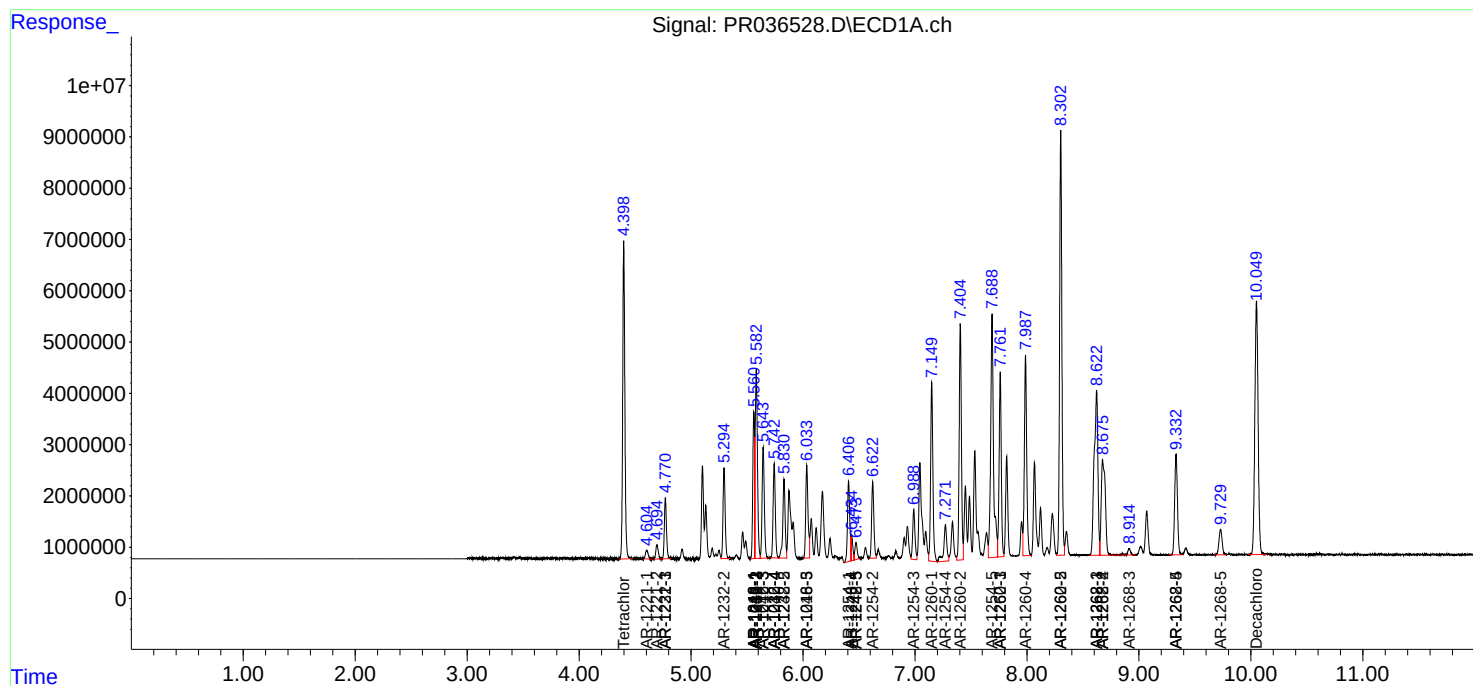
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.675	7.350	46888782	389.0E6	190.654	348.809 #
43)	L9 AR-1268-3	8.914	7.549	2629319	8451573	12.849	9.067 #
44)	L9 AR-1268-4	9.332	7.840	33880959	143.5E6	385.125	399.433
45)	L9 AR-1268-5	9.729	8.109	9676912	34551877	15.310	13.974

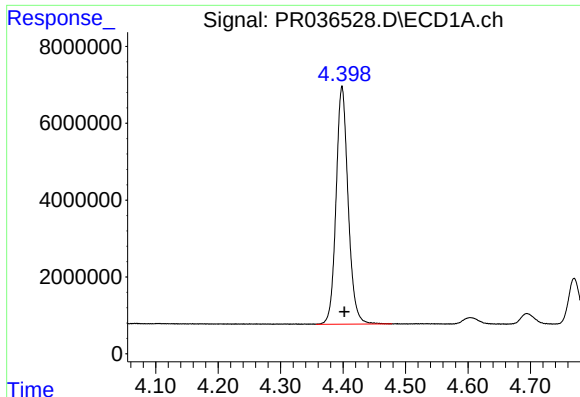
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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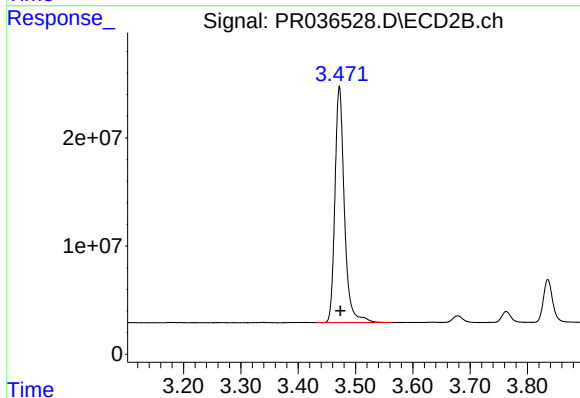
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





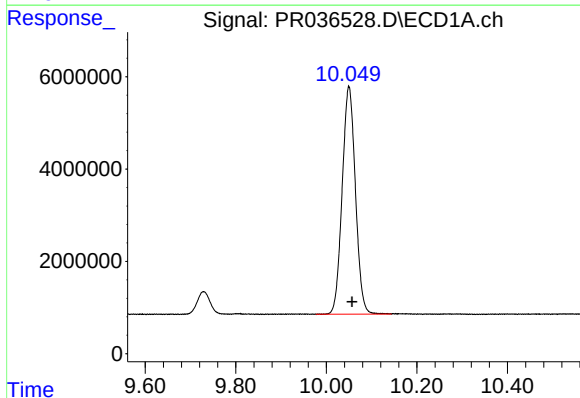
#1 Tetrachloro-m-xylene

R.T.: 4.398 min
Delta R.T.: -0.004 min
Response: 83029761
Conc: 54.86 ng/ml



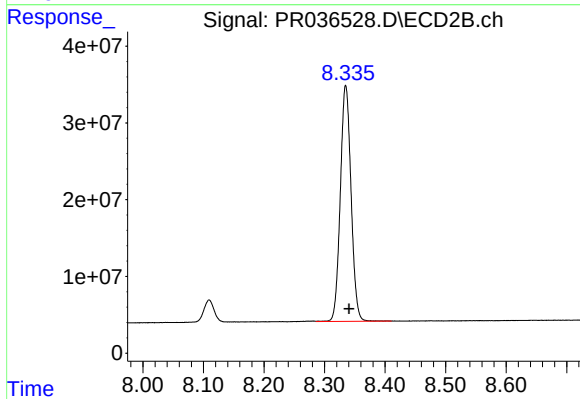
#1 Tetrachloro-m-xylene

R.T.: 3.472 min
Delta R.T.: -0.001 min
Response: 250154134
Conc: 61.01 ng/ml



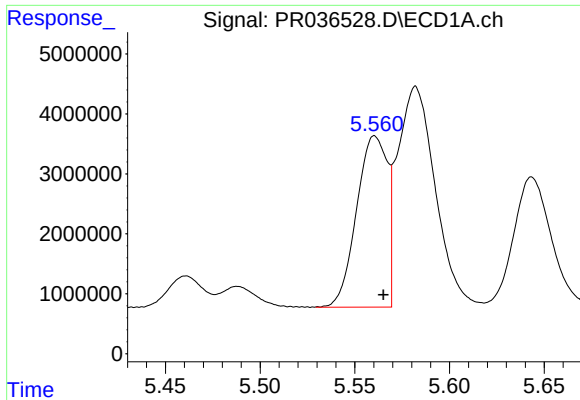
#2 Decachlorobiphenyl

R.T.: 10.050 min
Delta R.T.: -0.007 min
Response: 100121595
Conc: 57.12 ng/ml



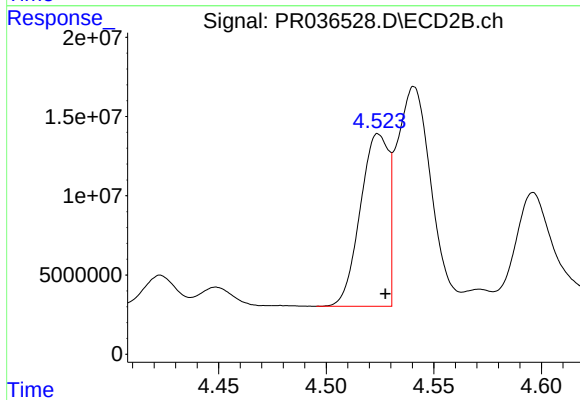
#2 Decachlorobiphenyl

R.T.: 8.335 min
Delta R.T.: -0.005 min
Response: 378378957
Conc: 68.39 ng/ml



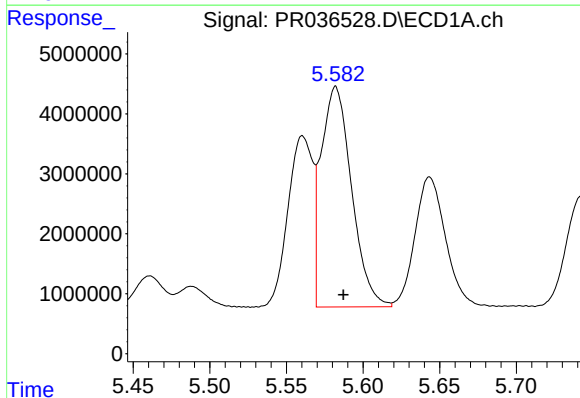
#3 AR-1016-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 32216295
Conc: 540.54 ng/ml



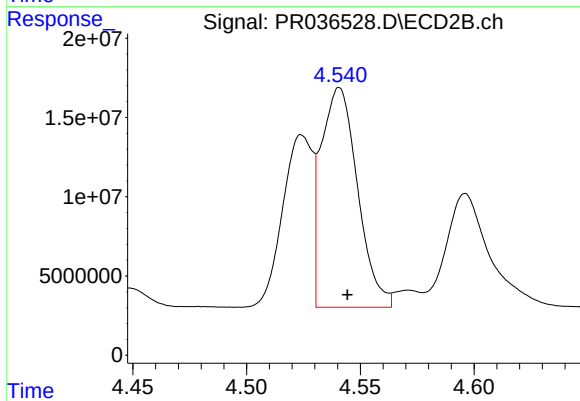
#3 AR-1016-1

R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 99046819
Conc: 605.07 ng/ml



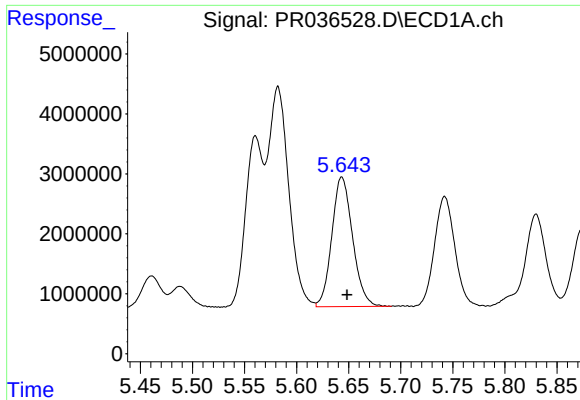
#4 AR-1016-2

R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 50935281
Conc: 524.76 ng/ml



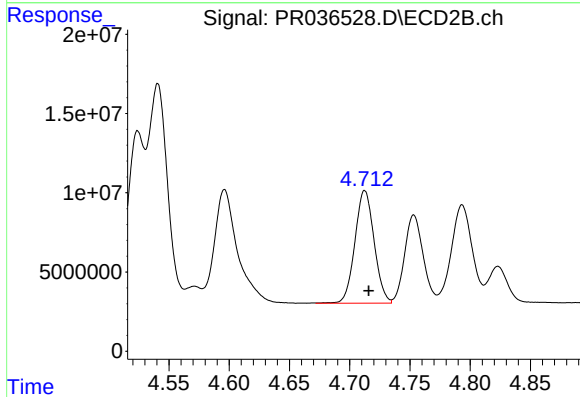
#4 AR-1016-2

R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 154724526
Conc: 578.48 ng/ml



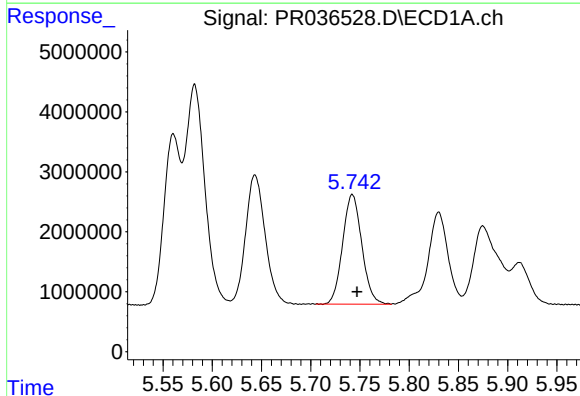
#5 AR-1016-3

R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 30014164
Conc: 520.05 ng/ml



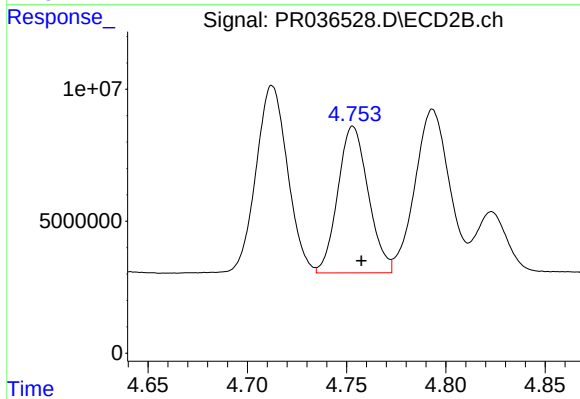
#5 AR-1016-3

R.T.: 4.713 min
Delta R.T.: -0.003 min
Response: 78729680
Conc: 590.37 ng/ml



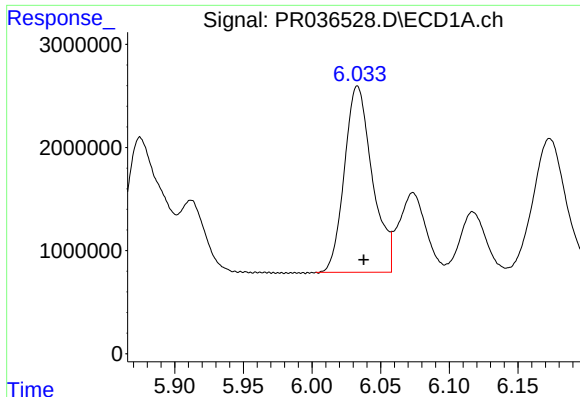
#6 AR-1016-4

R.T.: 5.742 min
Delta R.T.: -0.005 min
Response: 24813860
Conc: 523.50 ng/ml



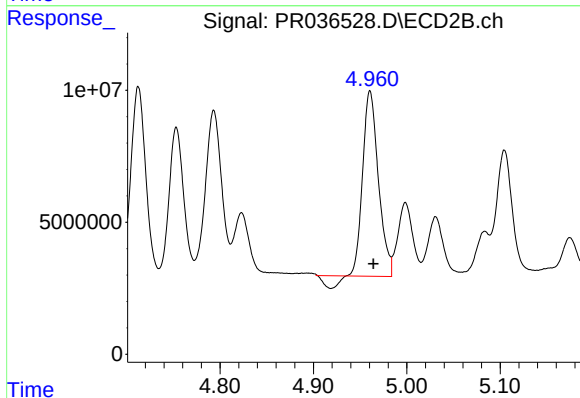
#6 AR-1016-4

R.T.: 4.753 min
Delta R.T.: -0.004 min
Response: 59288677
Conc: 577.76 ng/ml



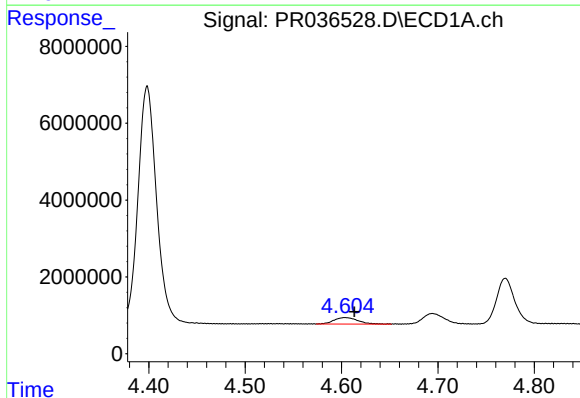
#7 AR-1016-5

R.T.: 6.033 min
Delta R.T.: -0.005 min
Response: 25513153
Conc: 515.15 ng/ml



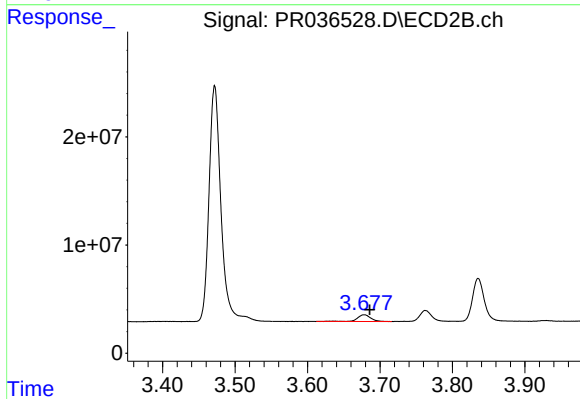
#7 AR-1016-5

R.T.: 4.961 min
Delta R.T.: -0.004 min
Response: 78303922
Conc: 551.05 ng/ml



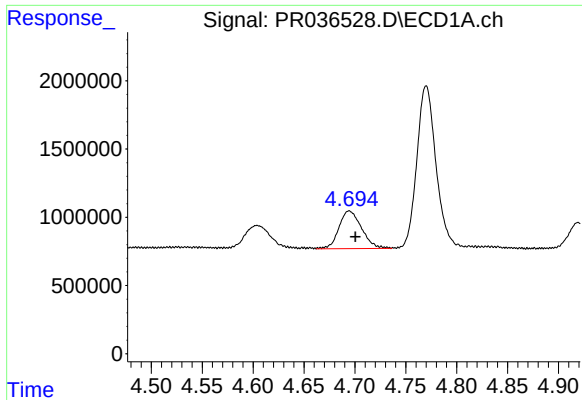
#8 AR-1221-1

R.T.: 4.604 min
Delta R.T.: -0.010 min
Response: 2911974
Conc: 237.11 ng/ml



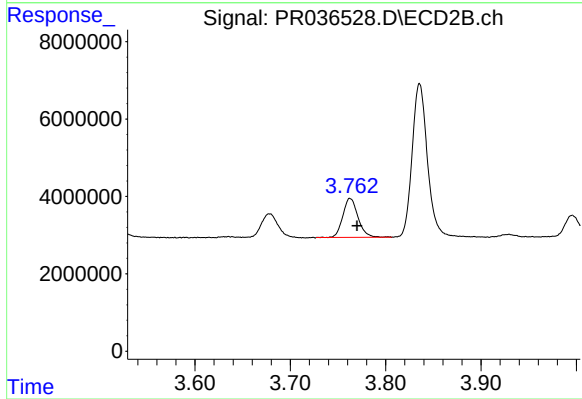
#8 AR-1221-1

R.T.: 3.678 min
Delta R.T.: -0.008 min
Response: 7897763
Conc: 264.47 ng/ml



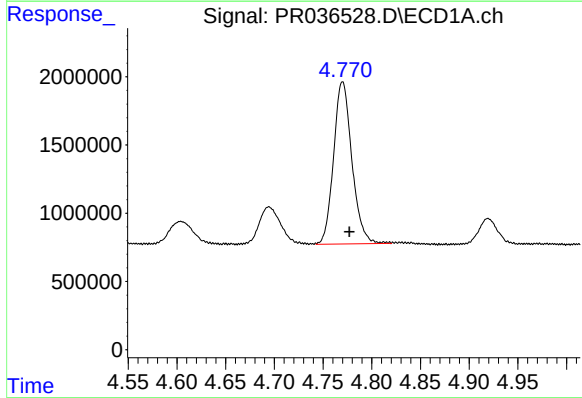
#9 AR-1221-2

R.T.: 4.694 min
Delta R.T.: -0.006 min
Response: 4261554
Conc: 454.32 ng/ml



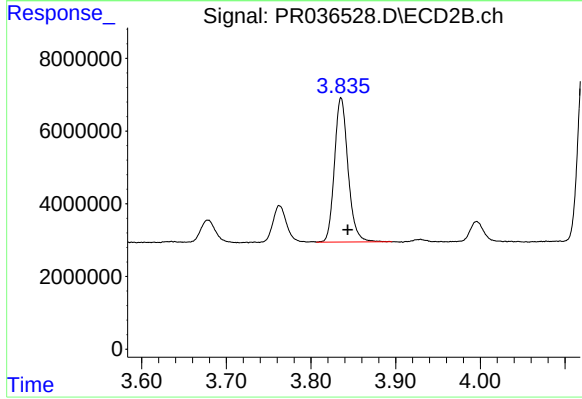
#9 AR-1221-2

R.T.: 3.763 min
Delta R.T.: -0.007 min
Response: 11176690
Conc: 490.47 ng/ml



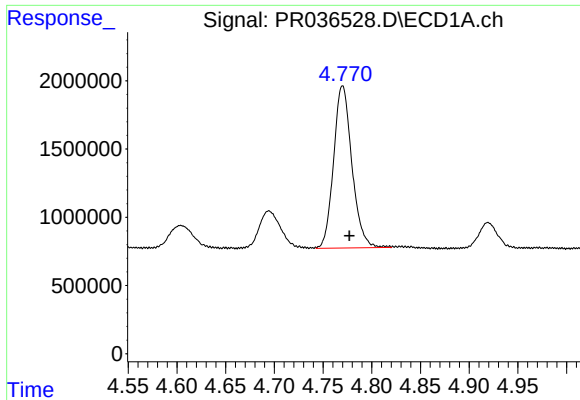
#10 AR-1221-3

R.T.: 4.770 min
Delta R.T.: -0.007 min
Response: 15556956
Conc: 521.85 ng/ml



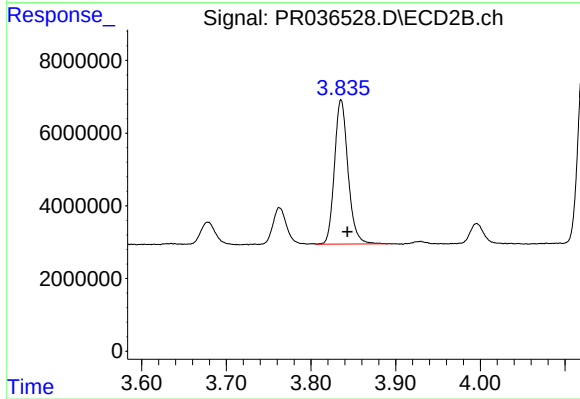
#10 AR-1221-3

R.T.: 3.836 min
Delta R.T.: -0.008 min
Response: 44138956
Conc: 572.23 ng/ml



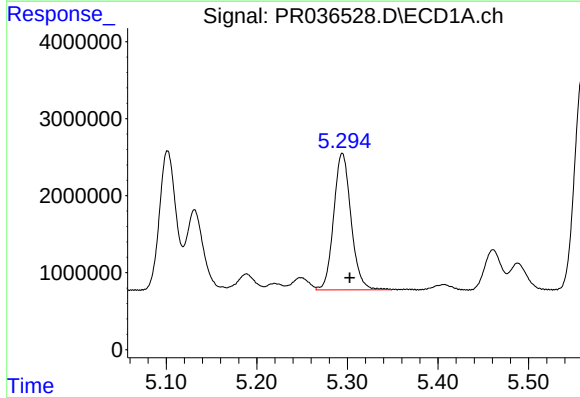
#11 AR-1232-1

R.T.: 4.770 min
Delta R.T.: -0.007 min
Response: 15556956
Conc: 403.08 ng/ml



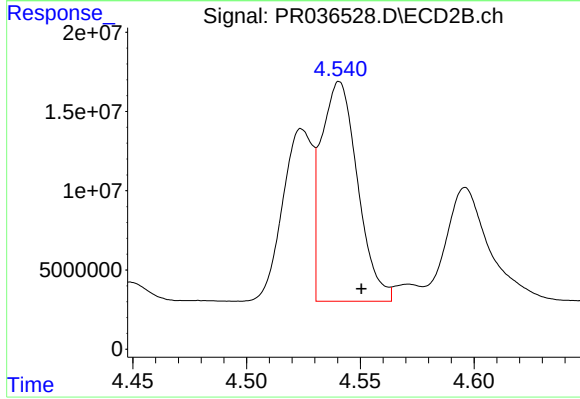
#11 AR-1232-1

R.T.: 3.836 min
Delta R.T.: -0.008 min
Response: 44138956
Conc: 436.63 ng/ml



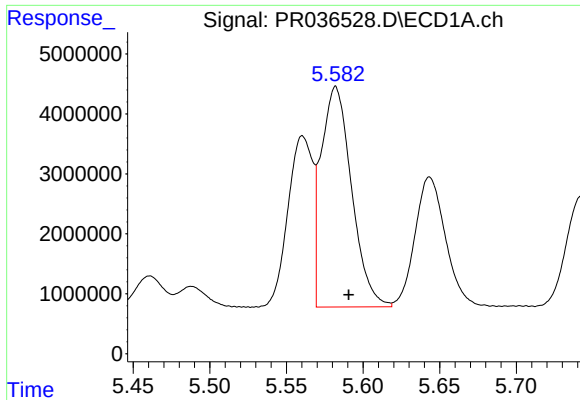
#12 AR-1232-2

R.T.: 5.294 min
Delta R.T.: -0.008 min
Response: 23570369
Conc: 1102.35 ng/ml



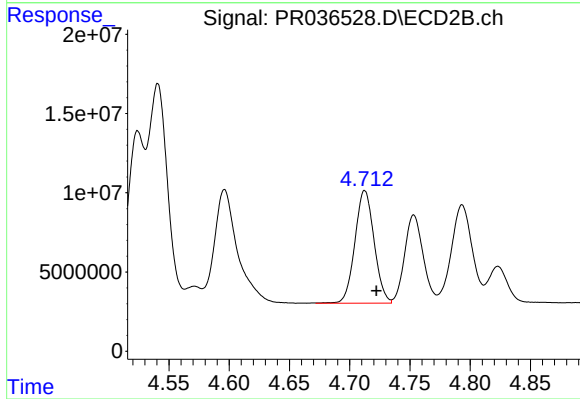
#12 AR-1232-2

R.T.: 4.541 min
Delta R.T.: -0.010 min
Response: 154724526
Conc: 1239.69 ng/ml



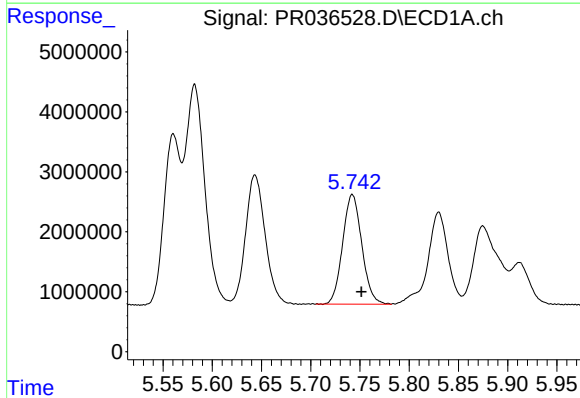
#13 AR-1232-3

R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 50935281
Conc: 1154.68 ng/ml



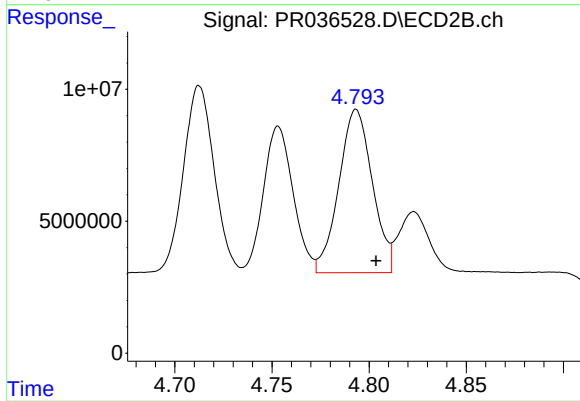
#13 AR-1232-3

R.T.: 4.713 min
Delta R.T.: -0.010 min
Response: 78729680
Conc: 1289.17 ng/ml



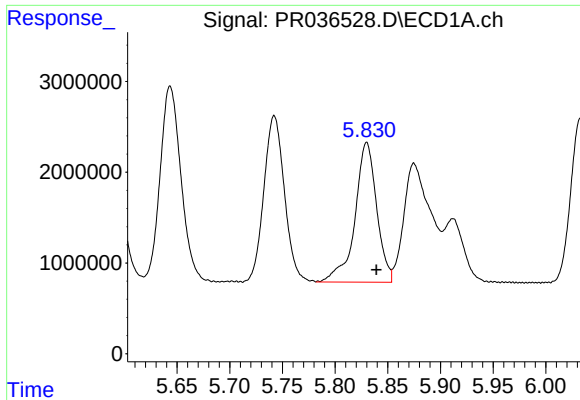
#14 AR-1232-4

R.T.: 5.742 min
Delta R.T.: -0.009 min
Response: 24813860
Conc: 1158.35 ng/ml



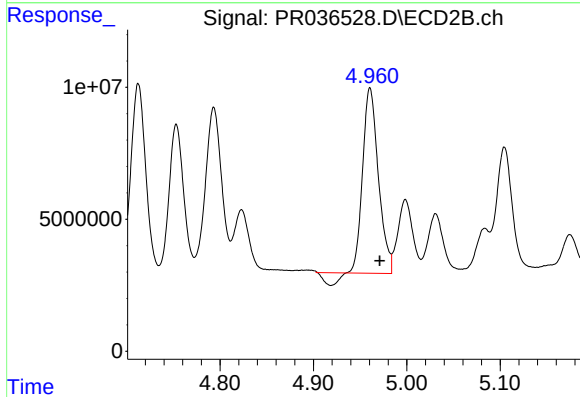
#14 AR-1232-4

R.T.: 4.793 min
Delta R.T.: -0.010 min
Response: 74334609
Conc: 1412.49 ng/ml



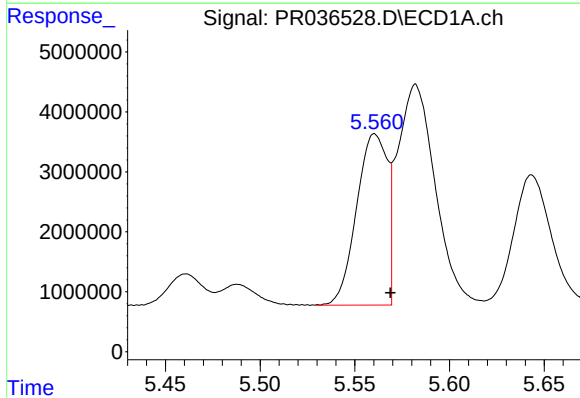
#15 AR-1232-5

R.T.: 5.830 min
Delta R.T.: -0.009 min
Response: 22106966
Conc: 1291.88 ng/ml



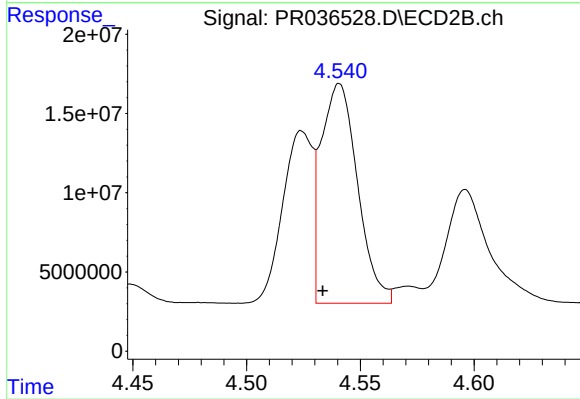
#15 AR-1232-5

R.T.: 4.961 min
Delta R.T.: -0.010 min
Response: 78303922
Conc: 1316.21 ng/ml



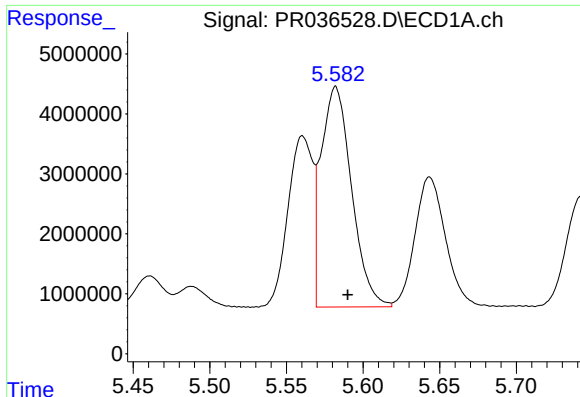
#16 AR-1242-1

R.T.: 5.561 min
Delta R.T.: -0.008 min
Response: 32216295
Conc: 725.35 ng/ml



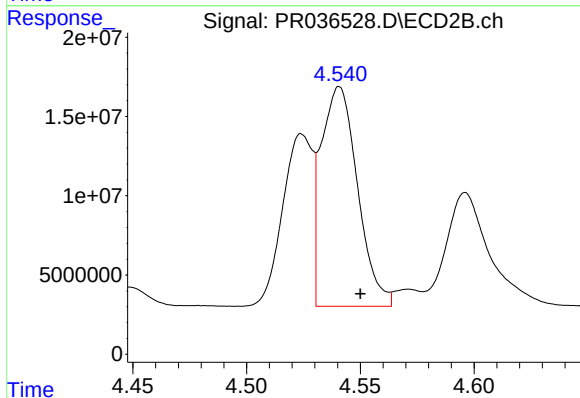
#16 AR-1242-1

R.T.: 4.541 min
Delta R.T.: 0.007 min
Response: 154724526
Conc: 1255.95 ng/ml



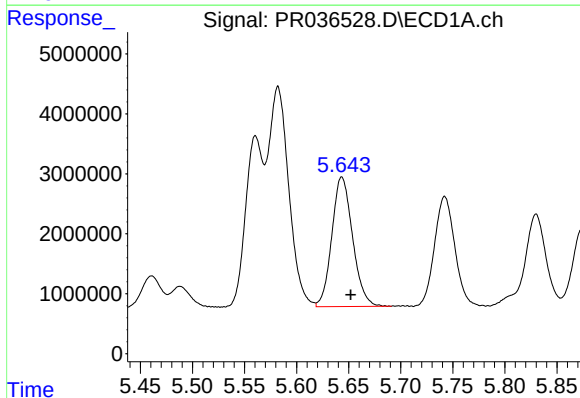
#17 AR-1242-2

R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 50935281
Conc: 708.60 ng/ml



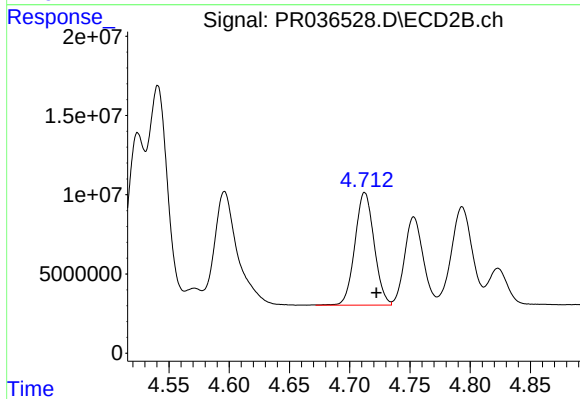
#17 AR-1242-2

R.T.: 4.541 min
Delta R.T.: -0.009 min
Response: 154724526
Conc: 765.09 ng/ml



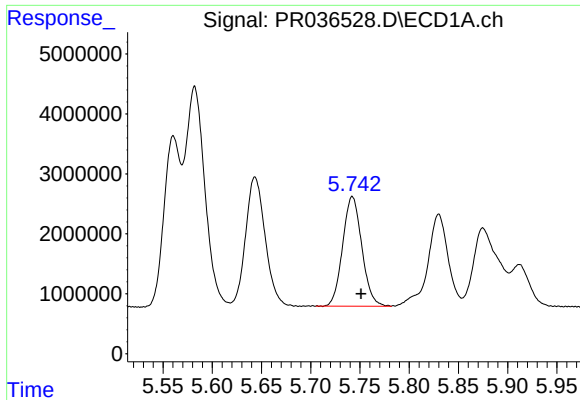
#18 AR-1242-3

R.T.: 5.643 min
Delta R.T.: -0.009 min
Response: 30014164
Conc: 684.51 ng/ml



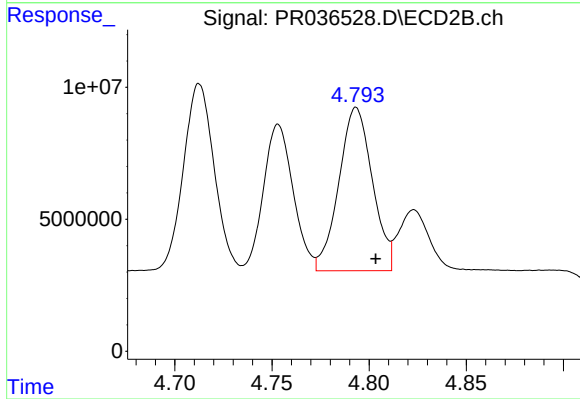
#18 AR-1242-3

R.T.: 4.713 min
Delta R.T.: -0.010 min
Response: 78729680
Conc: 775.15 ng/ml



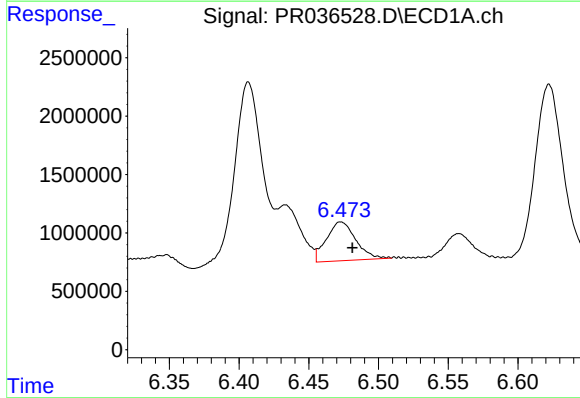
#19 AR-1242-4

R.T.: 5.742 min
Delta R.T.: -0.009 min
Response: 24813860
Conc: 690.30 ng/ml



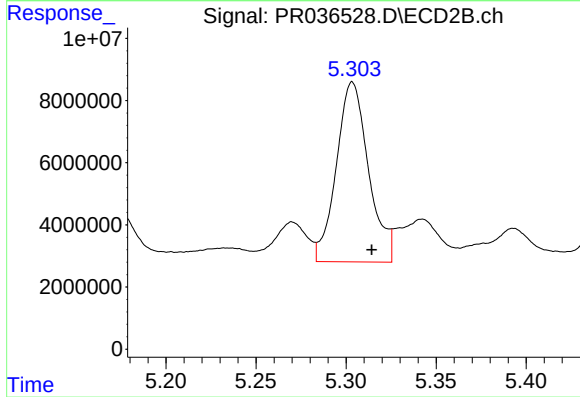
#19 AR-1242-4

R.T.: 4.793 min
Delta R.T.: -0.010 min
Response: 74334609
Conc: 765.80 ng/ml



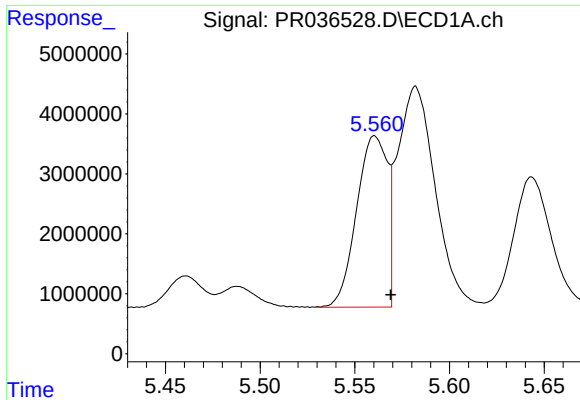
#20 AR-1242-5

R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 4870258
Conc: 111.38 ng/ml



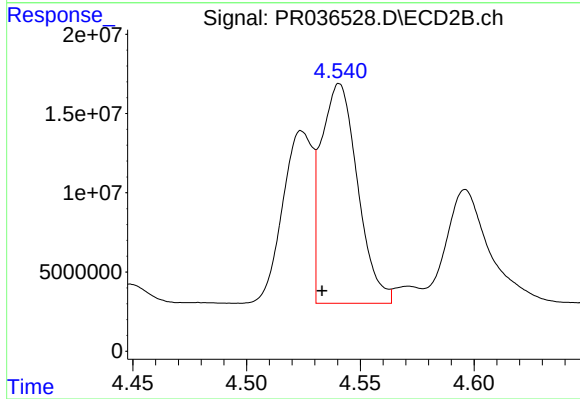
#20 AR-1242-5

R.T.: 5.303 min
Delta R.T.: -0.011 min
Response: 72014394
Conc: 532.40 ng/ml



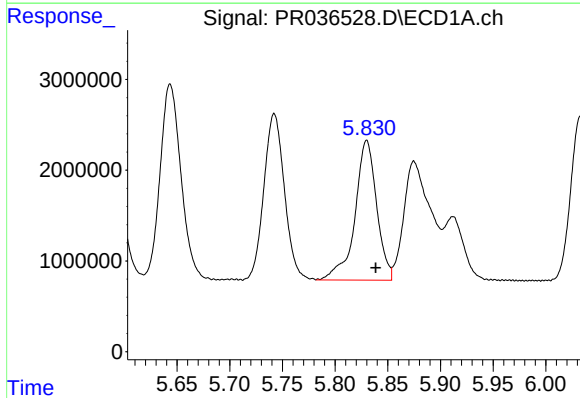
#21 AR-1248-1

R.T.: 5.561 min
Delta R.T.: -0.008 min
Response: 32216295
Conc: 608.37 ng/ml



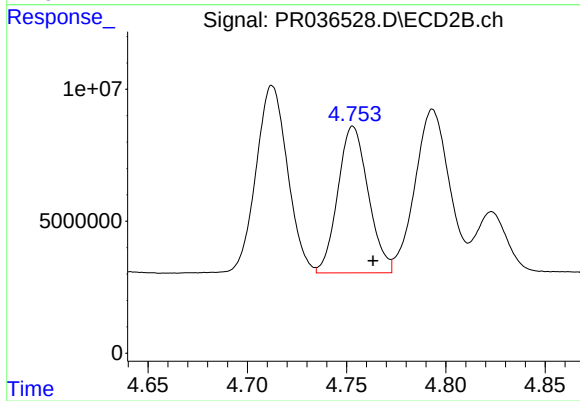
#21 AR-1248-1

R.T.: 4.541 min
Delta R.T.: 0.008 min
Response: 154724526
Conc: 1018.26 ng/ml



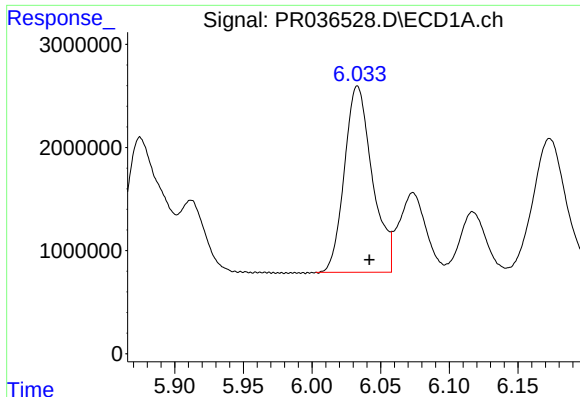
#22 AR-1248-2

R.T.: 5.830 min
Delta R.T.: -0.009 min
Response: 22106966
Conc: 280.28 ng/ml



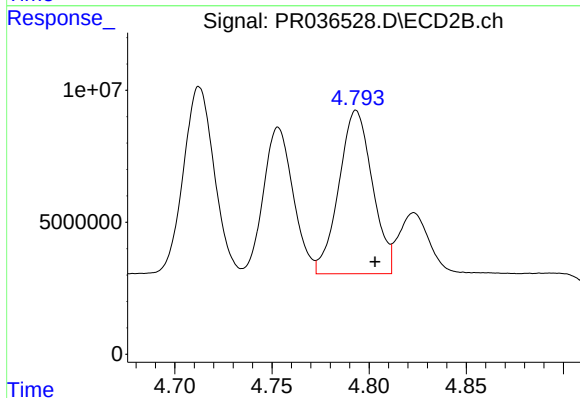
#22 AR-1248-2

R.T.: 4.753 min
Delta R.T.: -0.010 min
Response: 59288677
Conc: 283.17 ng/ml



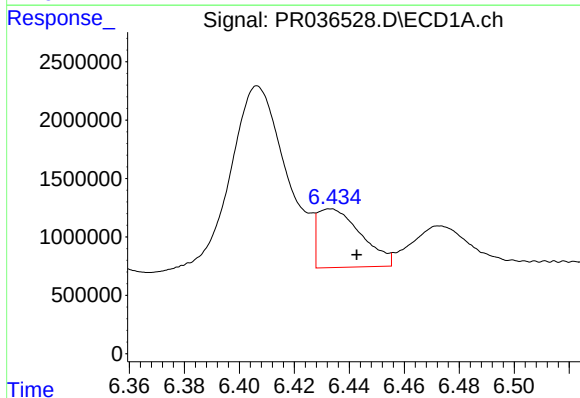
#23 AR-1248-3

R.T.: 6.033 min
Delta R.T.: -0.009 min
Response: 25513153
Conc: 283.35 ng/ml



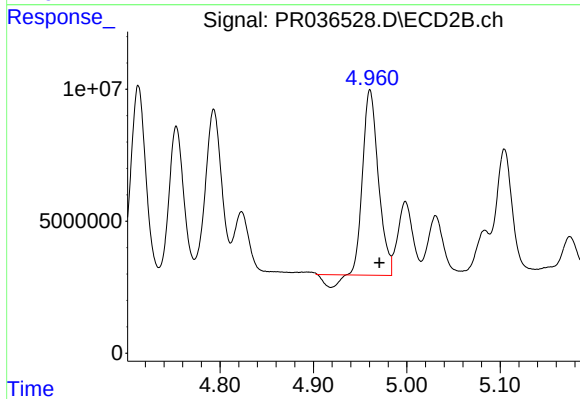
#23 AR-1248-3

R.T.: 4.793 min
Delta R.T.: -0.010 min
Response: 74334609
Conc: 345.35 ng/ml



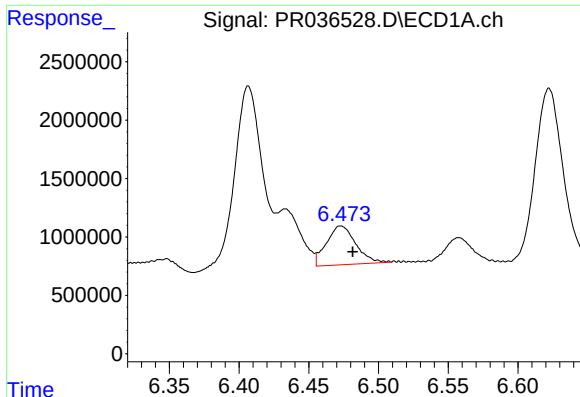
#24 AR-1248-4

R.T.: 6.433 min
Delta R.T.: -0.010 min
Response: 5536730
Conc: 52.17 ng/ml



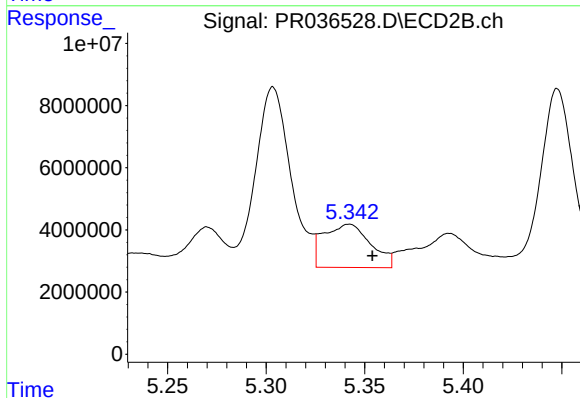
#24 AR-1248-4

R.T.: 4.961 min
Delta R.T.: -0.010 min
Response: 78303922
Conc: 293.56 ng/ml



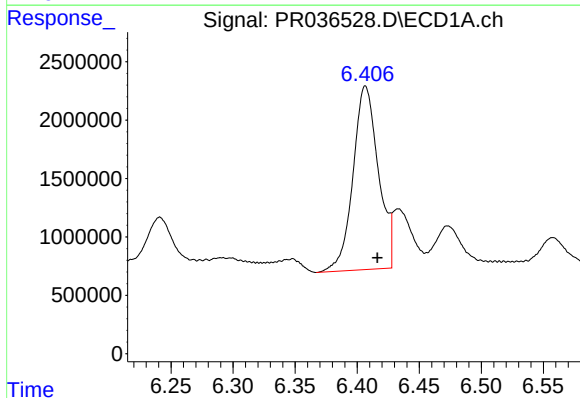
#25 AR-1248-5

R.T.: 6.473 min
Delta R.T.: -0.009 min
Response: 4870258
Conc: 47.96 ng/ml



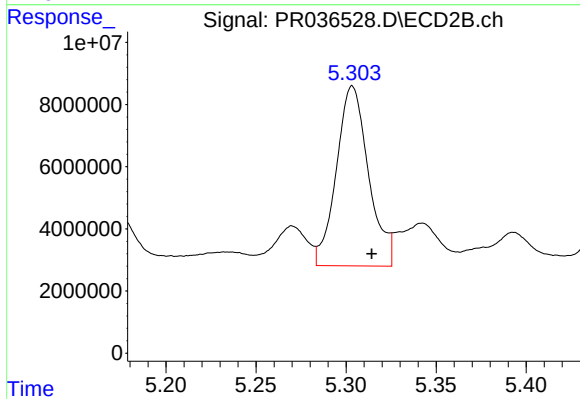
#25 AR-1248-5

R.T.: 5.342 min
Delta R.T.: -0.012 min
Response: 23049572
Conc: 76.25 ng/ml



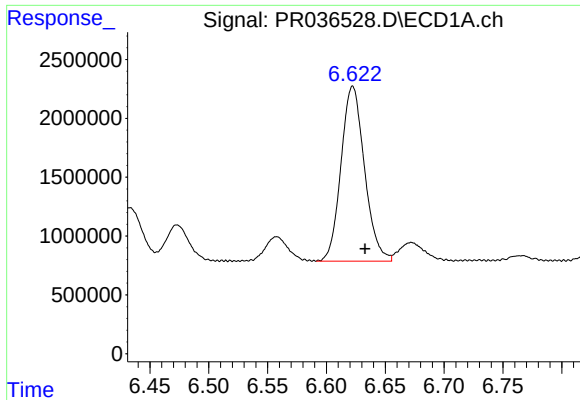
#26 AR-1254-1

R.T.: 6.407 min
Delta R.T.: -0.009 min
Response: 22352666
Conc: 293.53 ng/ml



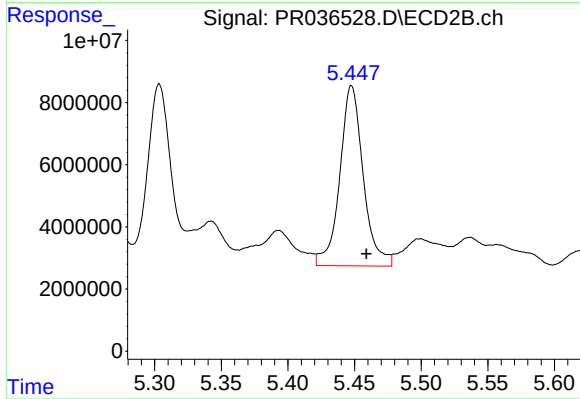
#26 AR-1254-1

R.T.: 5.303 min
Delta R.T.: -0.011 min
Response: 72014394
Conc: 226.41 ng/ml



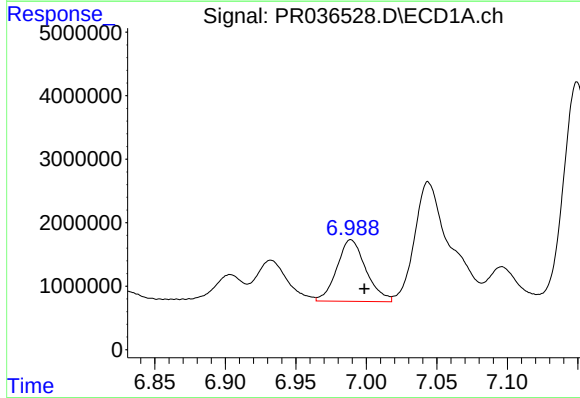
#27 AR-1254-2

R.T.: 6.622 min
Delta R.T.: -0.010 min
Response: 20676796
Conc: 172.50 ng/ml



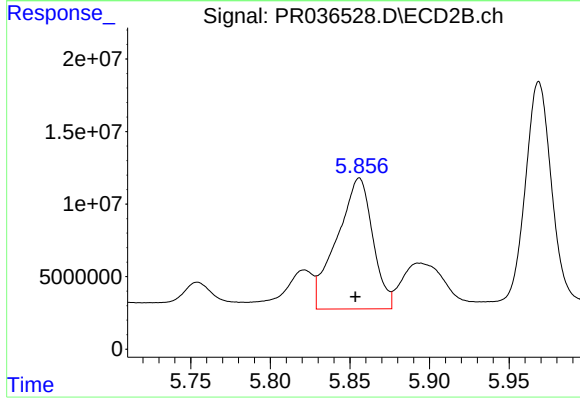
#27 AR-1254-2

R.T.: 5.448 min
Delta R.T.: -0.011 min
Response: 71071146
Conc: 254.41 ng/ml



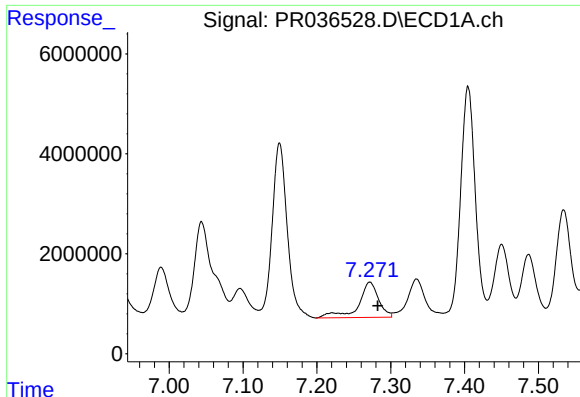
#28 AR-1254-3

R.T.: 6.989 min
Delta R.T.: -0.010 min
Response: 13918616
Conc: 105.38 ng/ml



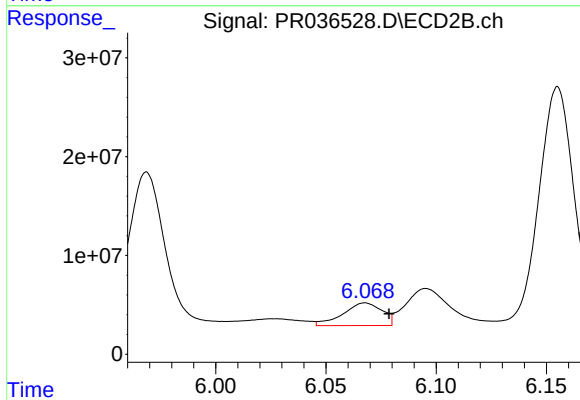
#28 AR-1254-3

R.T.: 5.856 min
Delta R.T.: 0.002 min
Response: 140987697
Conc: 300.24 ng/ml



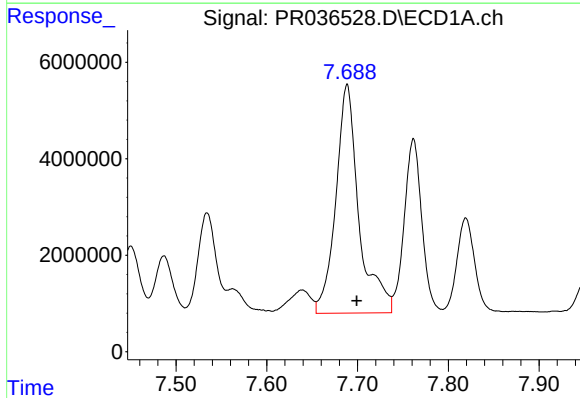
#29 AR-1254-4

R.T.: 7.272 min
Delta R.T.: -0.011 min
Response: 13340752
Conc: 136.53 ng/ml



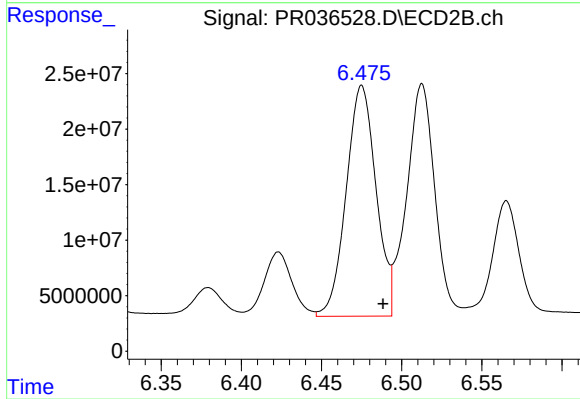
#29 AR-1254-4

R.T.: 6.068 min
Delta R.T.: -0.011 min
Response: 28345549
Conc: 81.36 ng/ml



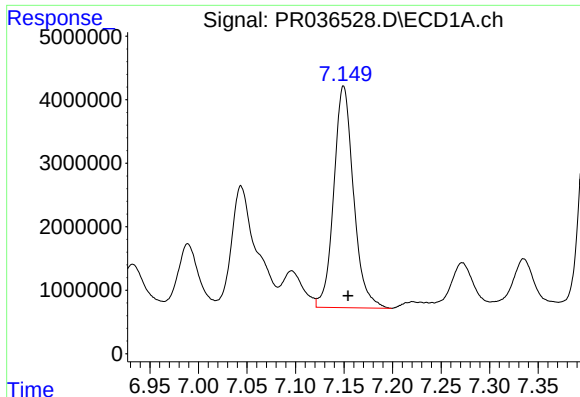
#30 AR-1254-5

R.T.: 7.689 min
Delta R.T.: -0.011 min
Response: 83882436
Conc: 686.10 ng/ml



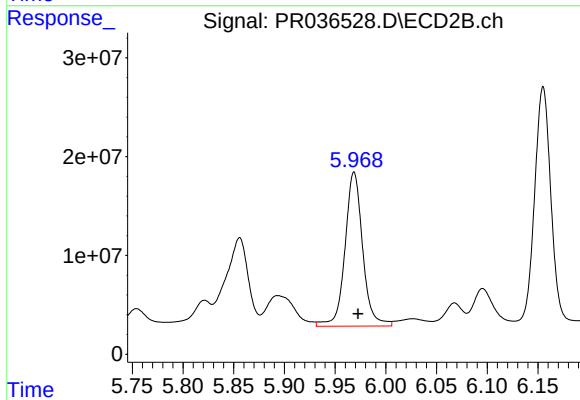
#30 AR-1254-5

R.T.: 6.475 min
Delta R.T.: -0.013 min
Response: 269511872
Conc: 598.69 ng/ml



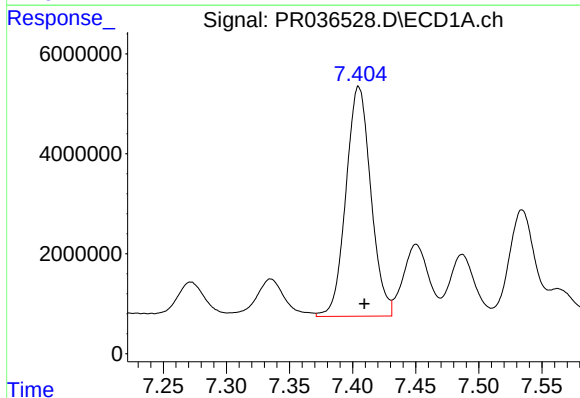
#31 AR-1260-1

R.T.: 7.150 min
Delta R.T.: -0.005 min
Response: 49409331
Conc: 524.19 ng/ml



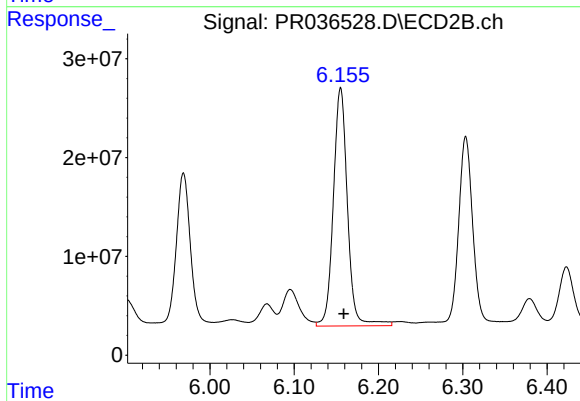
#31 AR-1260-1

R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 189473203
Conc: 635.57 ng/ml



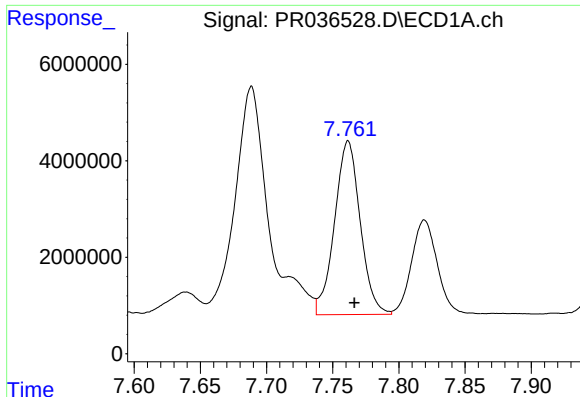
#32 AR-1260-2

R.T.: 7.405 min
Delta R.T.: -0.004 min
Response: 63223924
Conc: 554.09 ng/ml



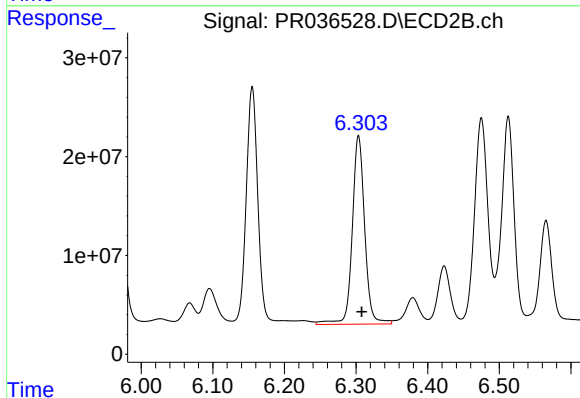
#32 AR-1260-2

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 280590231
Conc: 630.43 ng/ml



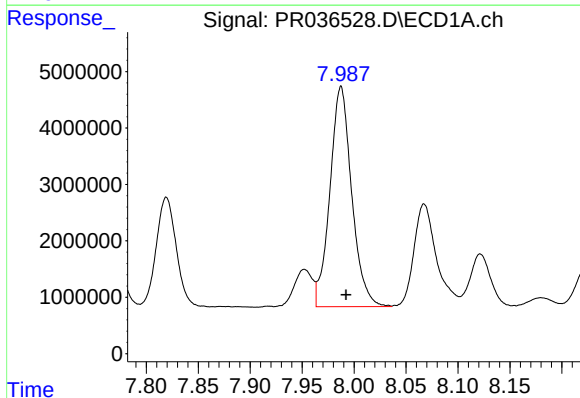
#33 AR-1260-3

R.T.: 7.762 min
Delta R.T.: -0.005 min
Response: 48626665
Conc: 543.58 ng/ml



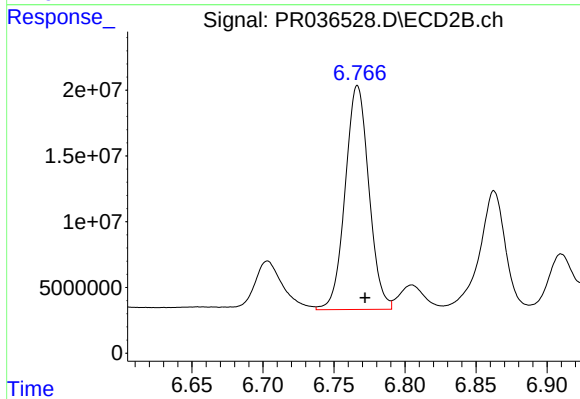
#33 AR-1260-3

R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 230464538
Conc: 639.09 ng/ml



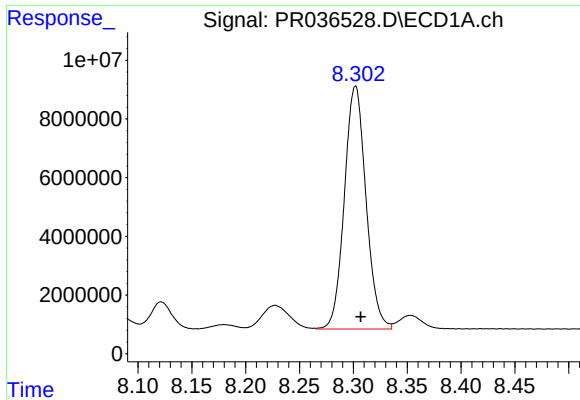
#34 AR-1260-4

R.T.: 7.987 min
Delta R.T.: -0.005 min
Response: 56950734
Conc: 555.66 ng/ml



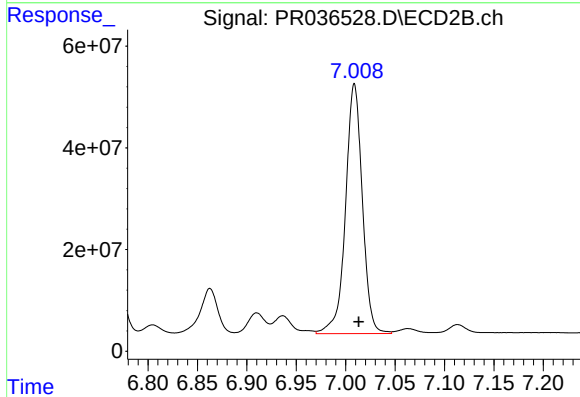
#34 AR-1260-4

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 197886797
Conc: 630.66 ng/ml



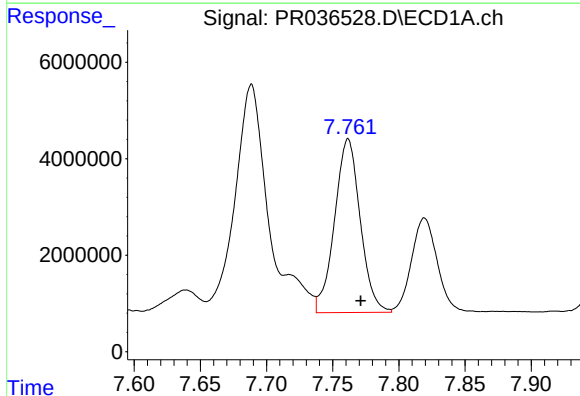
#35 AR-1260-5

R.T.: 8.302 min
Delta R.T.: -0.005 min
Response: 115868079
Conc: 580.06 ng/ml



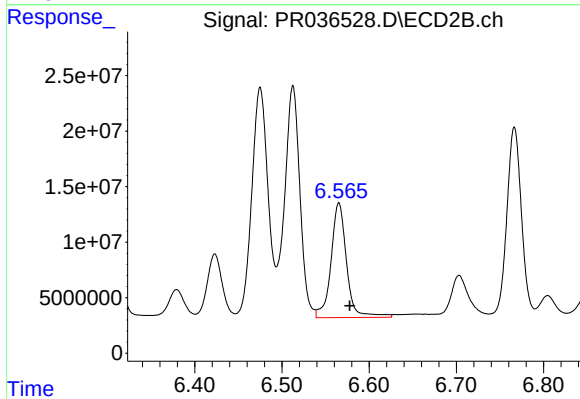
#35 AR-1260-5

R.T.: 7.009 min
Delta R.T.: -0.004 min
Response: 582458277
Conc: 636.23 ng/ml



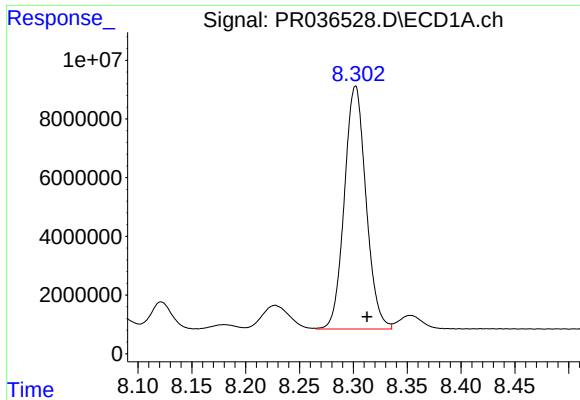
#36 AR-1262-1

R.T.: 7.762 min
Delta R.T.: -0.010 min
Response: 48626665
Conc: 359.75 ng/ml



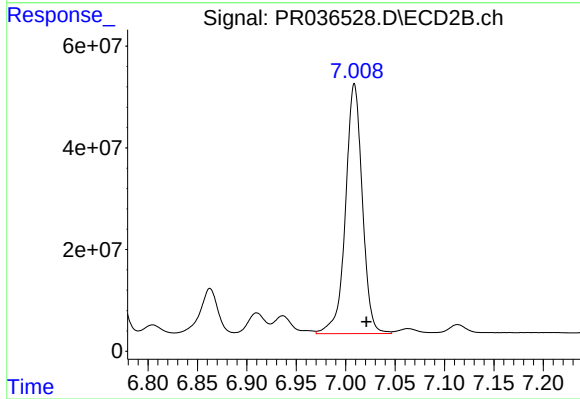
#36 AR-1262-1

R.T.: 6.565 min
Delta R.T.: -0.013 min
Response: 128197875
Conc: 552.54 ng/ml



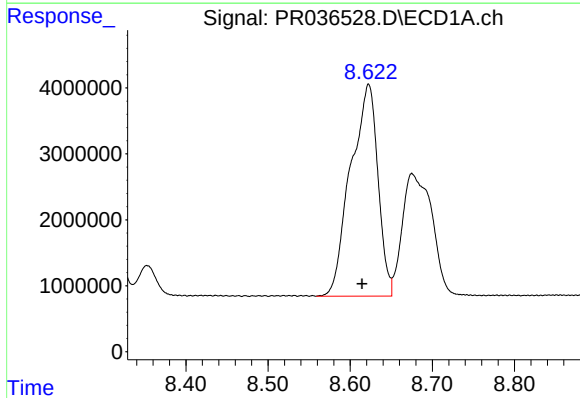
#37 AR-1262-2

R.T.: 8.302 min
Delta R.T.: -0.011 min
Response: 115868079
Conc: 484.06 ng/ml



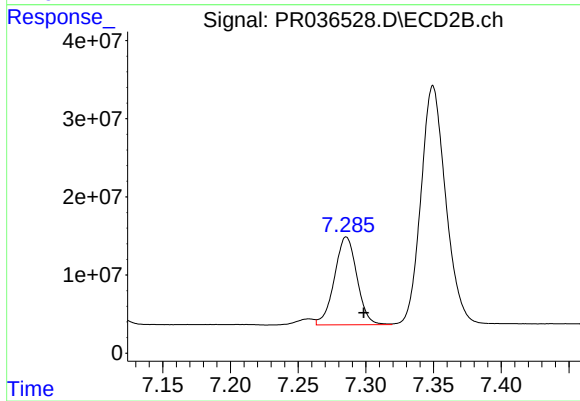
#37 AR-1262-2

R.T.: 7.009 min
Delta R.T.: -0.012 min
Response: 582458277
Conc: 516.34 ng/ml



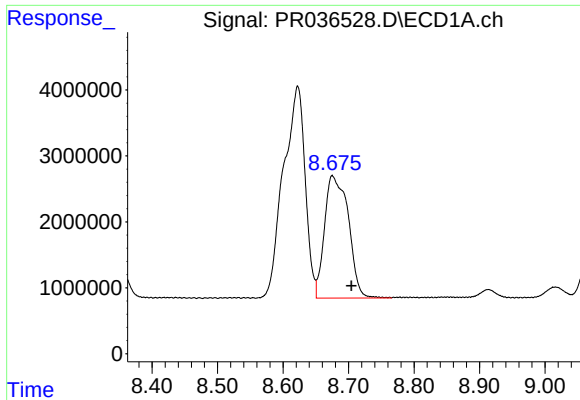
#38 AR-1262-3

R.T.: 8.623 min
Delta R.T.: 0.008 min
Response: 74080521
Conc: 471.39 ng/ml



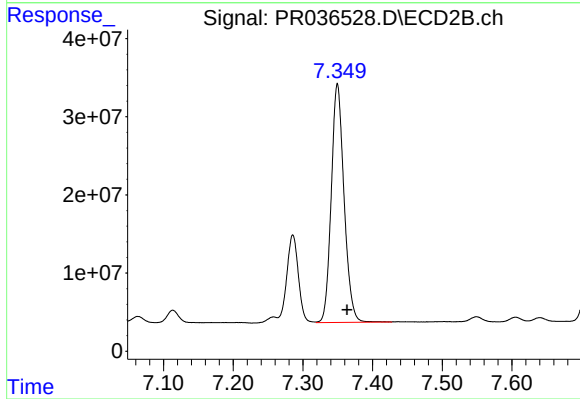
#38 AR-1262-3

R.T.: 7.286 min
Delta R.T.: -0.013 min
Response: 129695655
Conc: 296.48 ng/ml



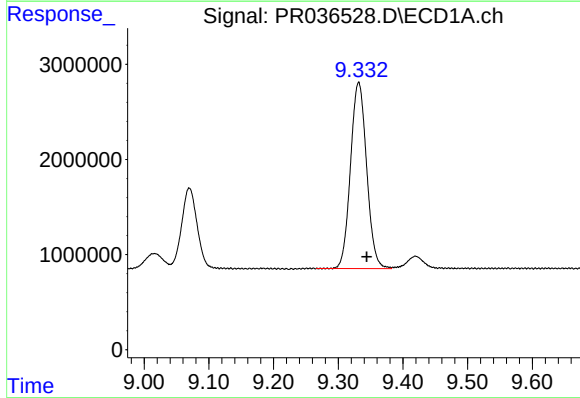
#39 AR-1262-4

R.T.: 8.675 min
Delta R.T.: -0.029 min
Response: 46888782
Conc: 395.51 ng/ml



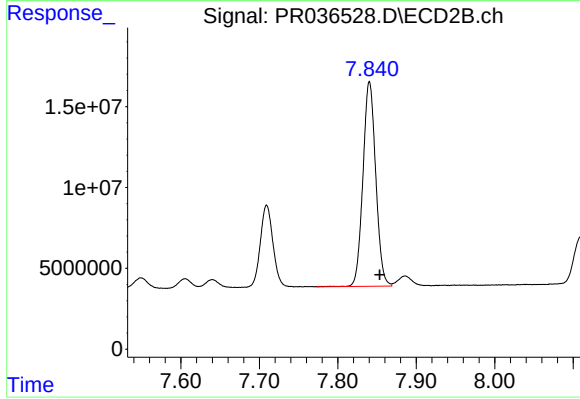
#39 AR-1262-4

R.T.: 7.350 min
Delta R.T.: -0.014 min
Response: 388964859
Conc: 520.39 ng/ml



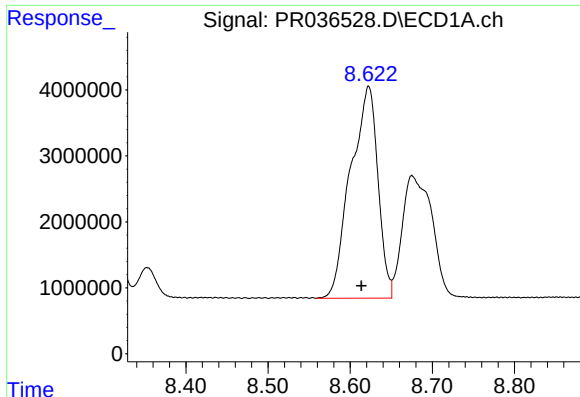
#40 AR-1262-5

R.T.: 9.332 min
Delta R.T.: -0.013 min
Response: 33880959
Conc: 423.99 ng/ml



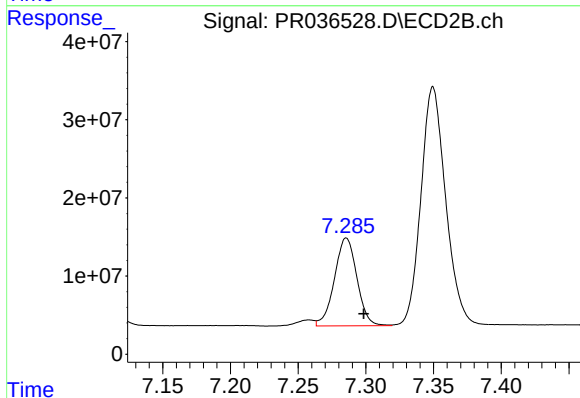
#40 AR-1262-5

R.T.: 7.840 min
Delta R.T.: -0.013 min
Response: 143491575
Conc: 443.63 ng/ml



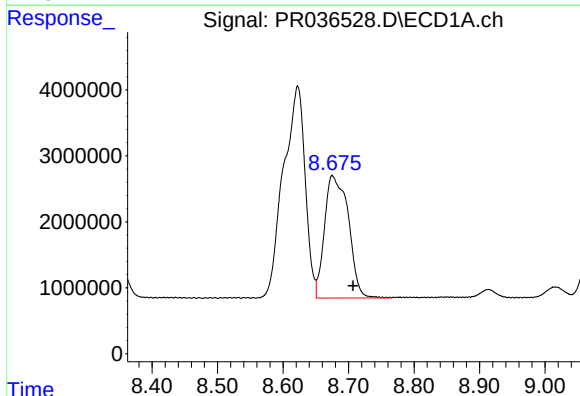
#41 AR-1268-1

R.T.: 8.623 min
Delta R.T.: 0.009 min
Response: 74080521
Conc: 273.05 ng/ml



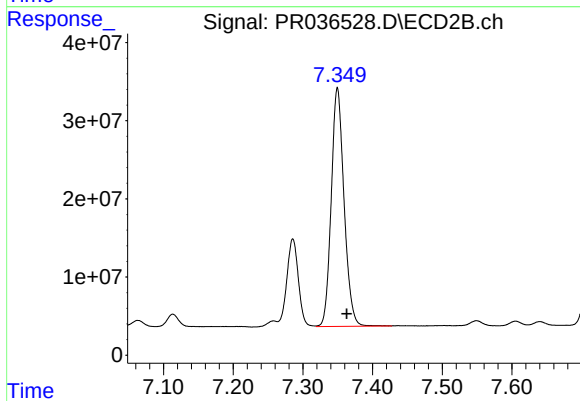
#41 AR-1268-1

R.T.: 7.286 min
Delta R.T.: -0.013 min
Response: 129695655
Conc: 98.77 ng/ml



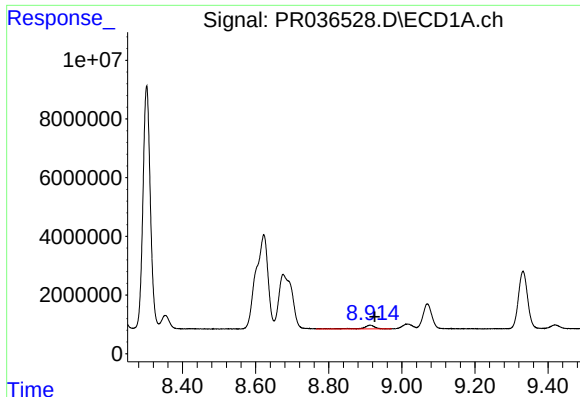
#42 AR-1268-2

R.T.: 8.675 min
Delta R.T.: -0.032 min
Response: 46888782
Conc: 190.65 ng/ml



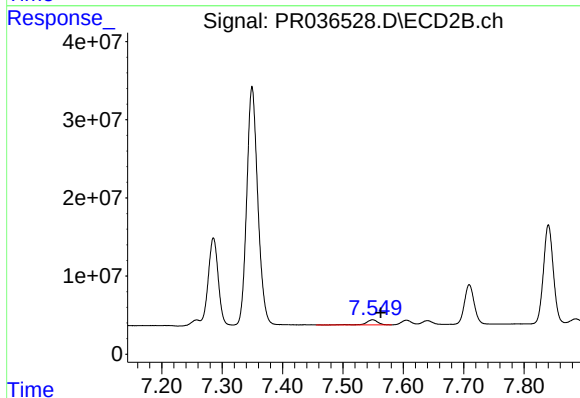
#42 AR-1268-2

R.T.: 7.350 min
Delta R.T.: -0.013 min
Response: 388964859
Conc: 348.81 ng/ml



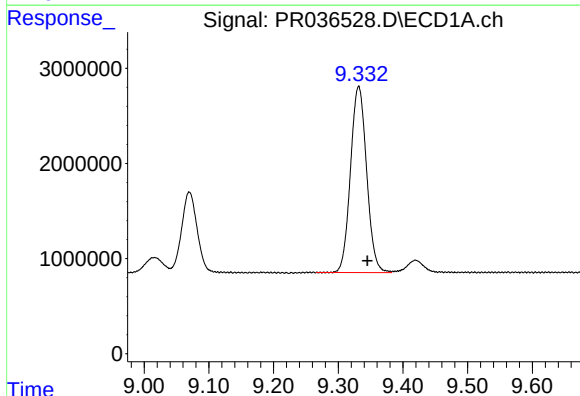
#43 AR-1268-3

R.T.: 8.914 min
Delta R.T.: -0.013 min
Response: 2629319
Conc: 12.85 ng/ml



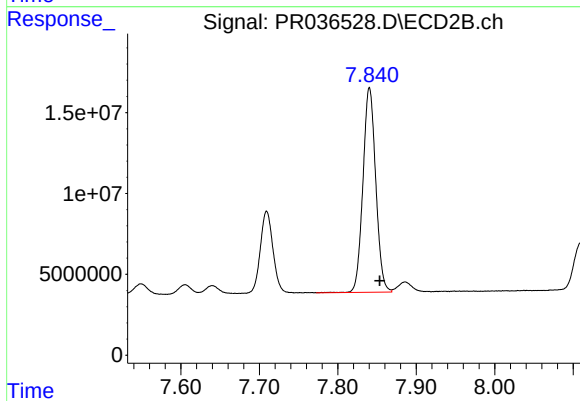
#43 AR-1268-3

R.T.: 7.549 min
Delta R.T.: -0.013 min
Response: 8451573
Conc: 9.07 ng/ml



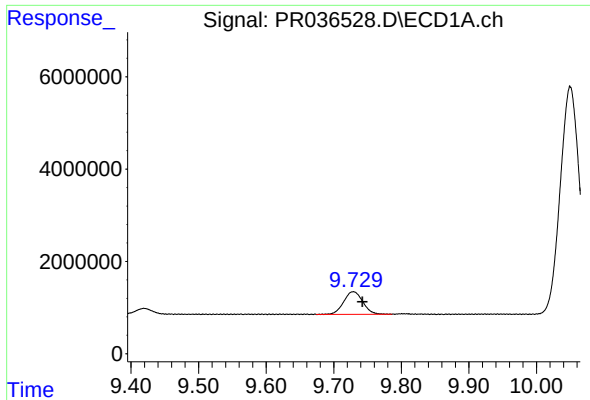
#44 AR-1268-4

R.T.: 9.332 min
Delta R.T.: -0.013 min
Response: 33880959
Conc: 385.12 ng/ml



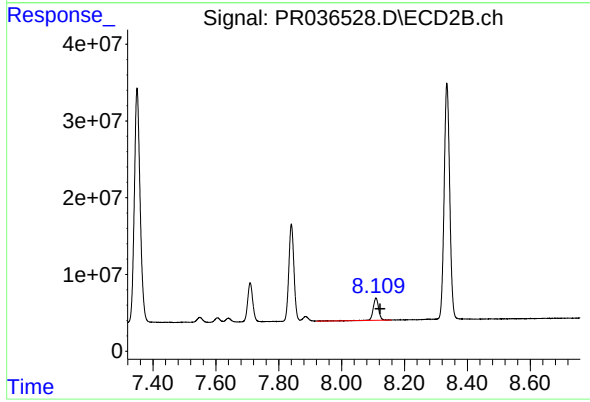
#44 AR-1268-4

R.T.: 7.840 min
Delta R.T.: -0.013 min
Response: 143491575
Conc: 399.43 ng/ml



#45 AR-1268-5

R.T.: 9.729 min
Delta R.T.: -0.013 min
Response: 9676912
Conc: 15.31 ng/ml



#45 AR-1268-5

R.T.: 8.109 min
Delta R.T.: -0.013 min
Response: 34551877
Conc: 13.97 ng/ml