

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102023\
 Data File : PR064110.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 16:50
 Operator : AJ\MA
 Sample : 04964-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 22:19:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 13 05:04:13 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.749	3.022	155.2E6	87241378	21.665	21.137
2)	SA Decachlor...	9.787	8.431	96900323	100.1E6	20.744	32.975 #
Target Compounds							
3)	L1 AR-1016-1	5.000	4.192	12242575	3816440	56.913	26.253 #
4)	L1 AR-1016-2	5.000	4.192	12242575	3816440	37.363	19.091 #
5)	L1 AR-1016-3	5.050	4.375	4868394	1417870	23.534	12.862 #
6)	L1 AR-1016-4	5.182	4.428	5188874	3444878	31.856	39.808
8)	L2 AR-1221-1	3.961	3.243	1555777	502788	19.044	9.287 #
9)	L2 AR-1221-2	4.067	3.334	1804922	1469152	33.203	37.939
10)	L2 AR-1221-3	4.109	3.421	1029223	1289942	5.735	10.286 #
11)	L3 AR-1232-1	4.109	3.421	1029223	1289942	6.923	12.319 #
12)	L3 AR-1232-2	4.701	4.192	7419166	3816440	91.022	40.894 #
13)	L3 AR-1232-3	5.000	4.375	12242575	1417870	81.789	28.017 #
14)	L3 AR-1232-4	5.182	4.470	5188874	3550709	71.130	77.757
15)	L3 AR-1232-5	5.289	4.653	5135448	5656941	93.943	112.210
16)	L4 AR-1242-1	5.000	4.192	12242575	3816440	67.793	31.044 #
17)	L4 AR-1242-2	5.000	4.192	12242575	3816440	44.613	22.685 #
18)	L4 AR-1242-3	5.050	4.375	4868394	1417870	27.686	15.242 #
19)	L4 AR-1242-4	5.182	4.470	5188874	3550709	37.961	39.067
20)	L4 AR-1242-5	5.984	5.030	17123758	27438532	115.654	247.537 #
21)	L5 AR-1248-1	5.000	4.192	12242575	3816440	88.758	40.455 #
22)	L5 AR-1248-2	5.289	4.428	5135448	3444878	26.225	26.458
24)	L5 AR-1248-4	5.940	4.653	88409564	5656941	357.111	35.170 #
25)	L5 AR-1248-5	5.984	5.075	17123758	15007653	68.330	99.250 #
26)	L6 AR-1254-1	5.887	5.030	48089065	27438532	191.802	118.974 #
27)	L6 AR-1254-2	6.152	5.196	34470135	13133543	90.618	66.327 #
28)	L6 AR-1254-3	6.553	5.628	37458543	15596735	96.138	49.821 #
29)	L6 AR-1254-4	6.864	5.880	23754335	17185893	88.814	91.459
30)	L6 AR-1254-5	7.350f	6.340	158.0E6	102.7E6	537.328	376.488 #
31)	L7 AR-1260-1	6.706	5.785	168448	20977166	0.567	93.427 #
32)	L7 AR-1260-2	7.002	5.983	114.1E6	5100997	329.947	19.343 #
33)	L7 AR-1260-3	7.409	6.144	9250997	5985550	36.006	23.671 #
34)	L7 AR-1260-4	7.637	6.662	6364456	6081834	22.519	30.828 #
35)	L7 AR-1260-5	7.996	6.934	14231889	9978311	26.361	23.498
36)	L8 AR-1262-1	7.409	6.387	9250997	17597150	24.571	60.454 #
37)	L8 AR-1262-2	7.996	6.934	14231889	9978311	23.120	21.379
38)	L8 AR-1262-3	8.320	7.247	10249046	4197358	24.459	22.986
39)	L8 AR-1262-4	8.388	7.316	7884671	12692042	24.479	37.680 #
40)	L8 AR-1262-5	9.004	7.865	1156461	3132476	5.262	21.436 #
41)	L9 AR-1268-1	8.320	7.247	10249046	4197358	13.973	8.068 #
42)	L9 AR-1268-2	8.388	7.316	7884671	12692042	11.881	26.884 #
43)	L9 AR-1268-3	8.630	7.559	1488170	1925934	2.584	4.821 #

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 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.004	7.865	1156461	3132476	4.945	19.246 #
45) L9	AR-1268-5	9.460	8.146	3025208	8332033	1.700	7.123 #

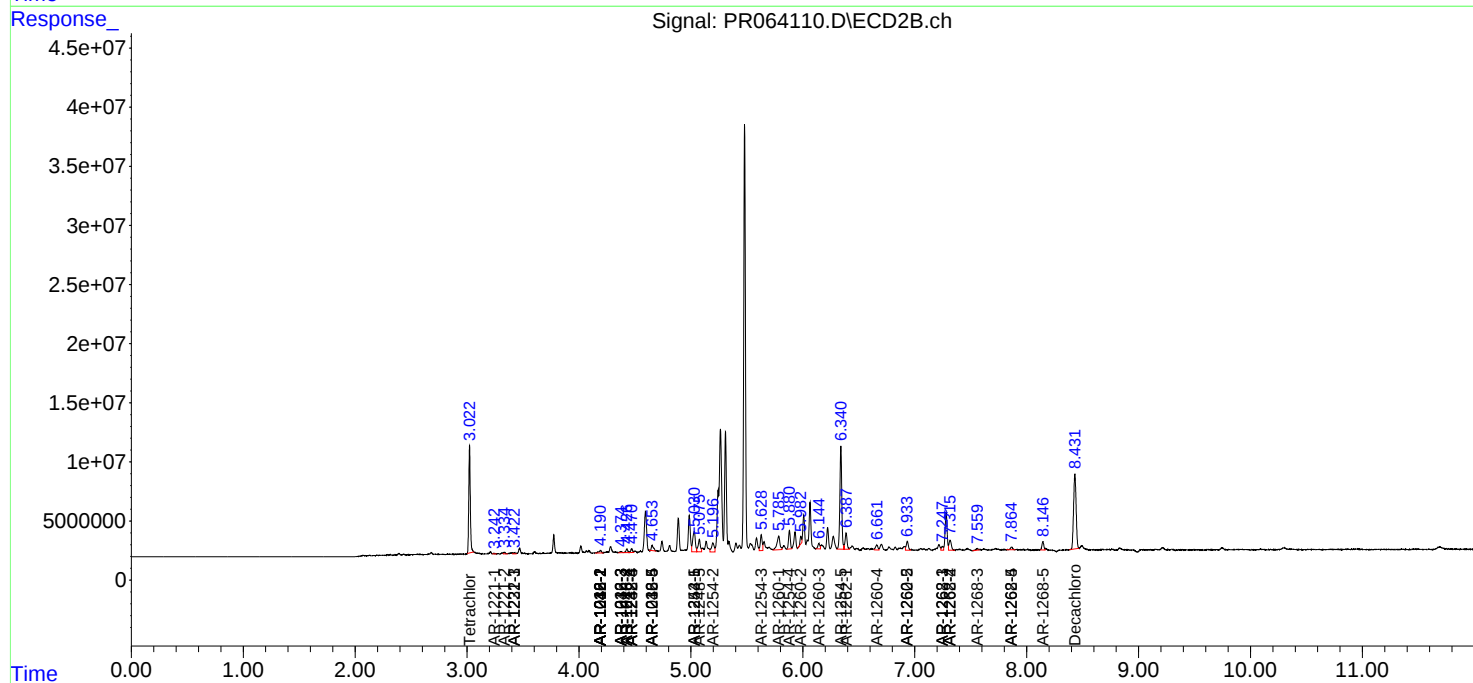
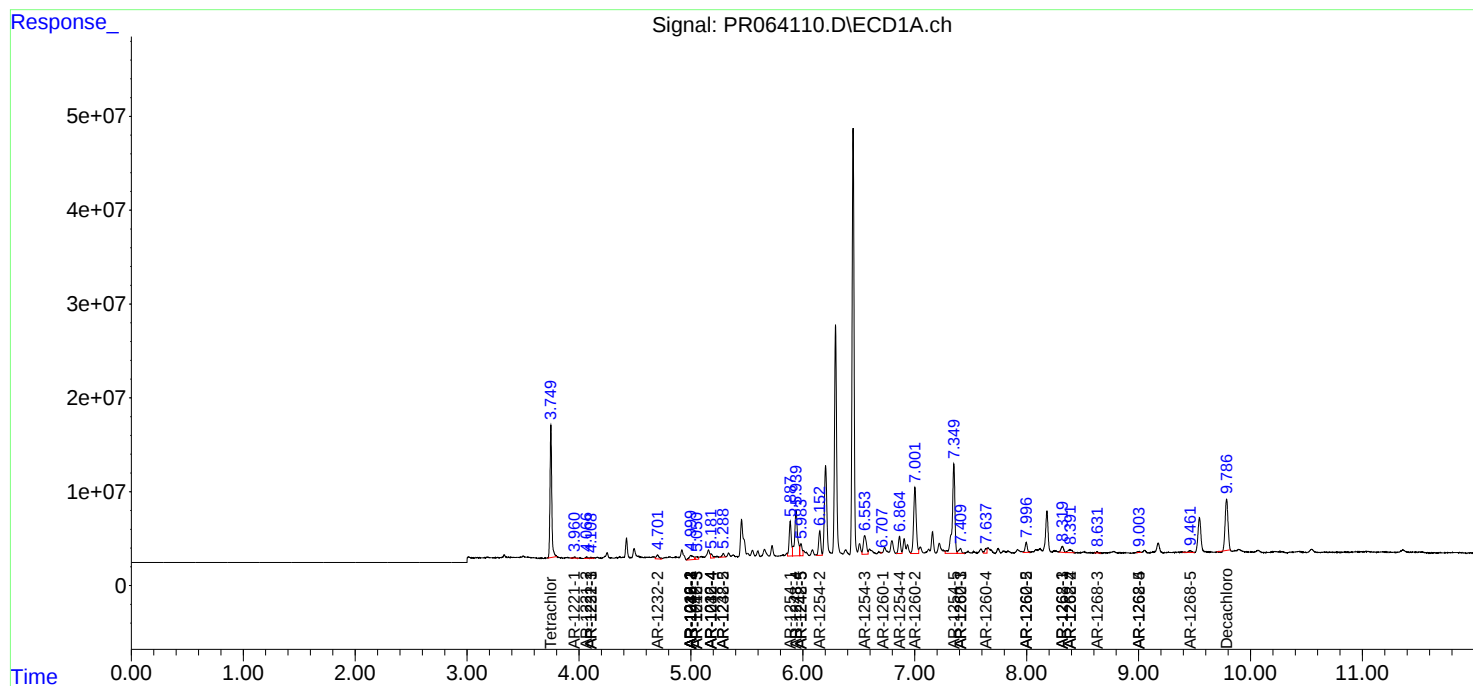
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

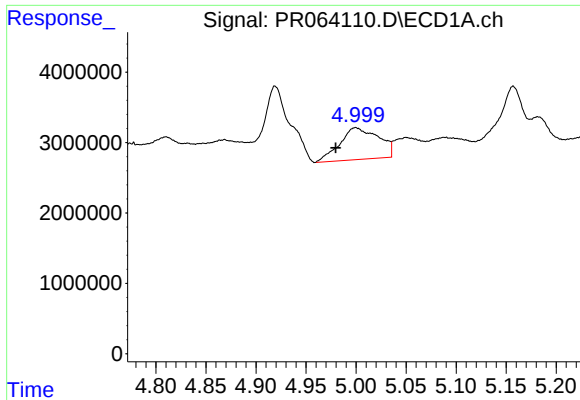
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

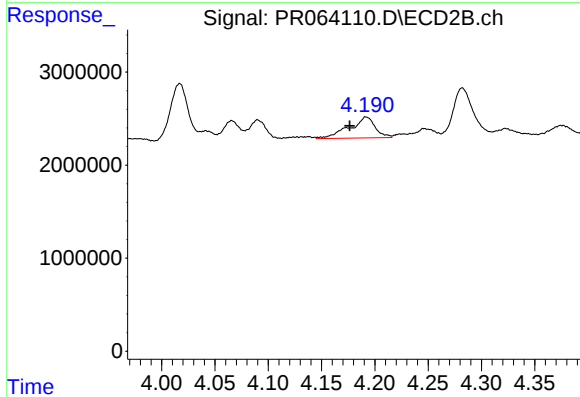




#3 AR-1016-1

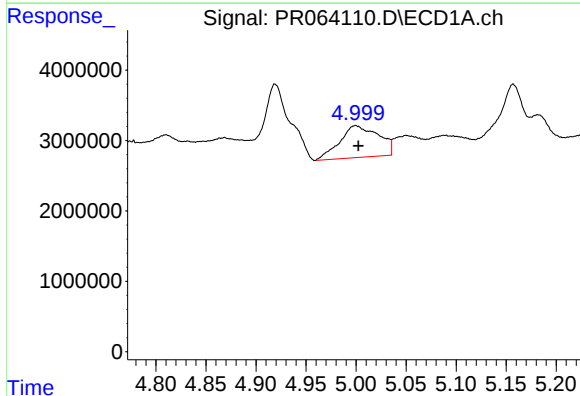
R.T.: 5.000 min
Delta R.T.: 0.020 min
Response: 12242575
Conc: 56.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



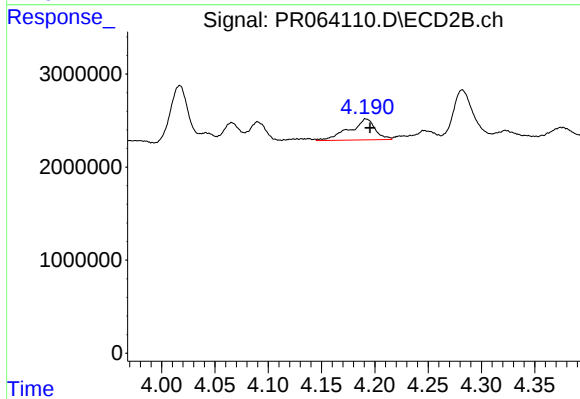
#3 AR-1016-1

R.T.: 4.192 min
Delta R.T.: 0.015 min
Response: 3816440
Conc: 26.25 ng/ml



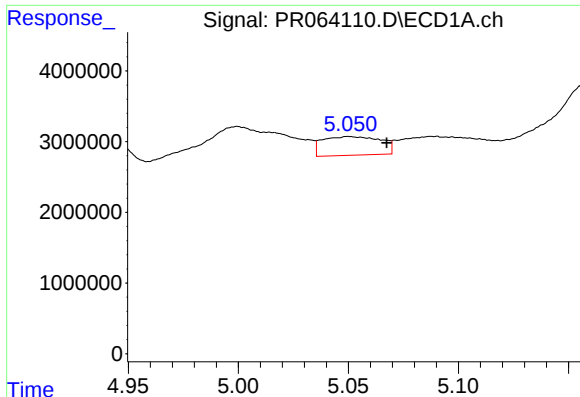
#4 AR-1016-2

R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 12242575
Conc: 37.36 ng/ml



#4 AR-1016-2

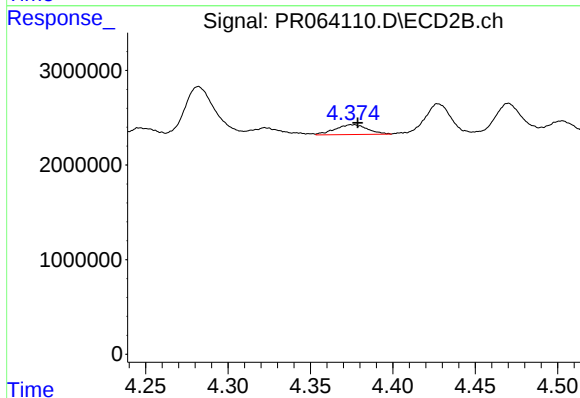
R.T.: 4.192 min
Delta R.T.: -0.003 min
Response: 3816440
Conc: 19.09 ng/ml



#5 AR-1016-3

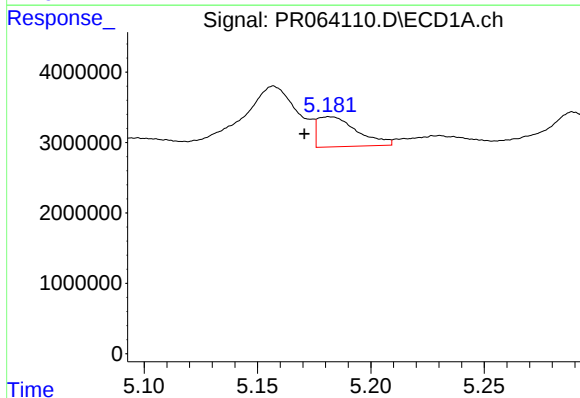
R.T.: 5.050 min
Delta R.T.: -0.017 min
Response: 4868394
Conc: 23.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



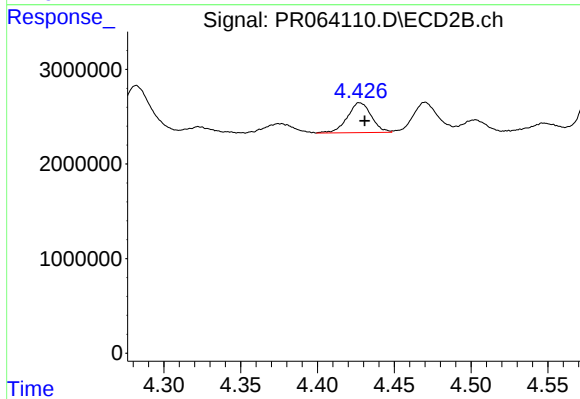
#5 AR-1016-3

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 1417870
Conc: 12.86 ng/ml



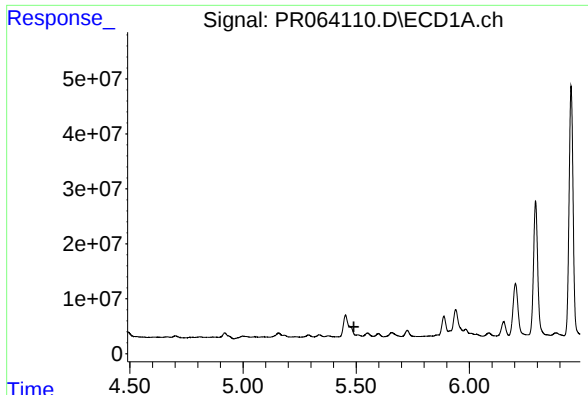
#6 AR-1016-4

R.T.: 5.182 min
Delta R.T.: 0.011 min
Response: 5188874
Conc: 31.86 ng/ml



#6 AR-1016-4

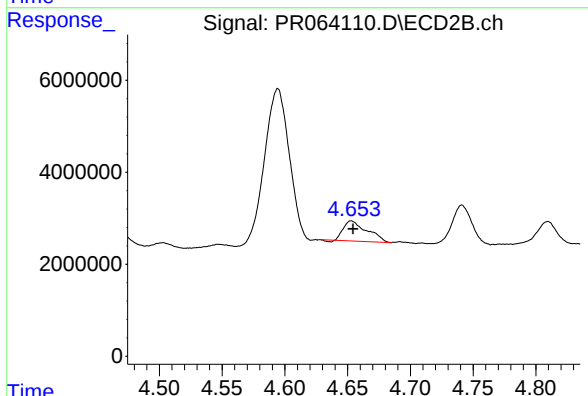
R.T.: 4.428 min
Delta R.T.: -0.003 min
Response: 3444878
Conc: 39.81 ng/ml



#7 AR-1016-5

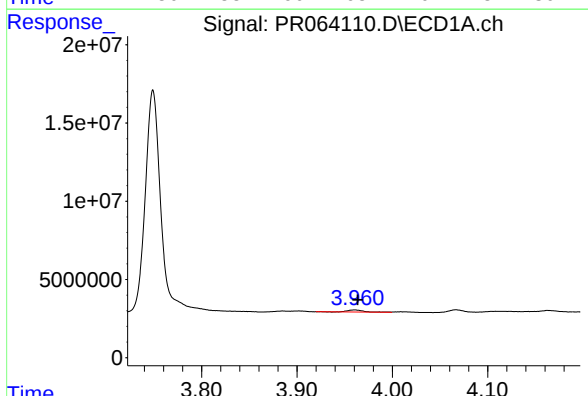
R.T.: 5.506 min
Delta R.T.: 0.017 min
Response: -10521531
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



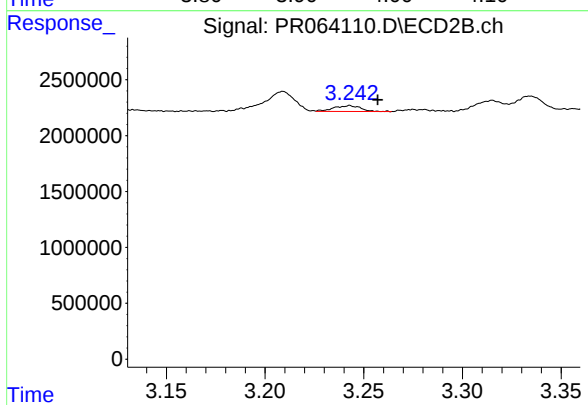
#7 AR-1016-5

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 5656941
Conc: 49.51 ng/ml



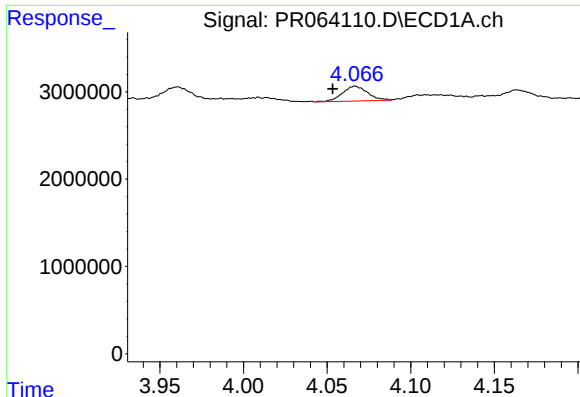
#8 AR-1221-1

R.T.: 3.961 min
Delta R.T.: -0.003 min
Response: 1555777
Conc: 19.04 ng/ml



#8 AR-1221-1

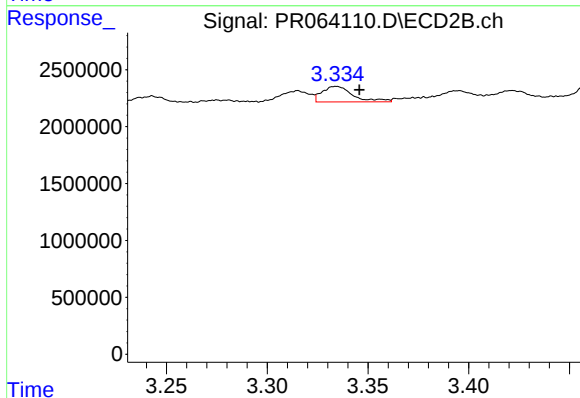
R.T.: 3.243 min
Delta R.T.: -0.014 min
Response: 502788
Conc: 9.29 ng/ml



#9 AR-1221-2

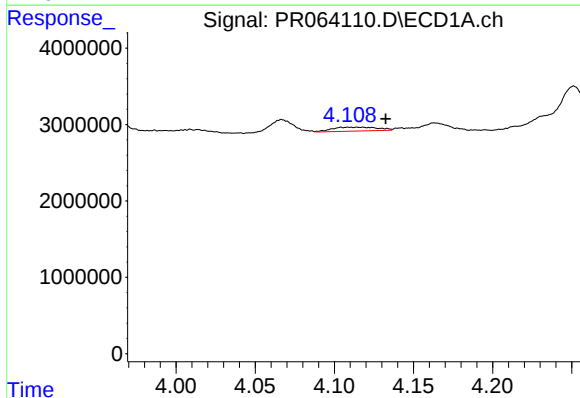
R.T.: 4.067 min
Delta R.T.: 0.013 min
Response: 1804922
Conc: 33.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



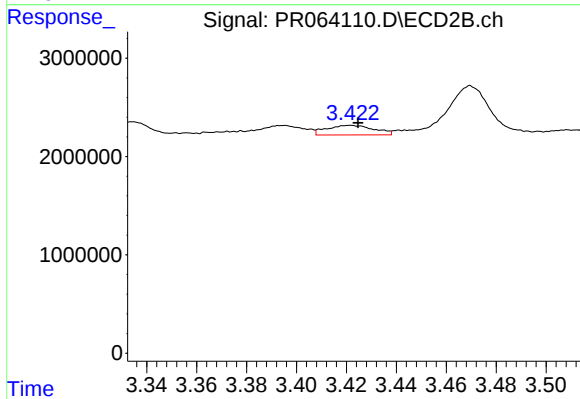
#9 AR-1221-2

R.T.: 3.334 min
Delta R.T.: -0.012 min
Response: 1469152
Conc: 37.94 ng/ml



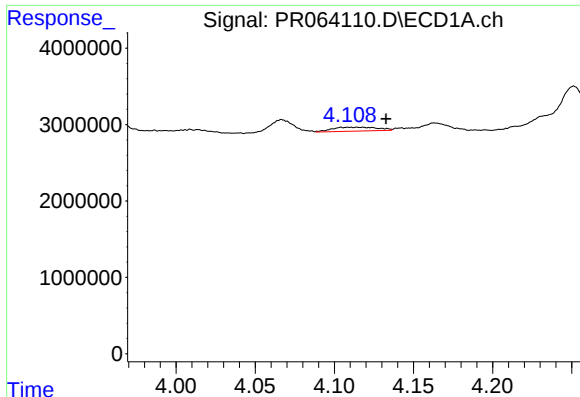
#10 AR-1221-3

R.T.: 4.109 min
Delta R.T.: -0.023 min
Response: 1029223
Conc: 5.73 ng/ml



#10 AR-1221-3

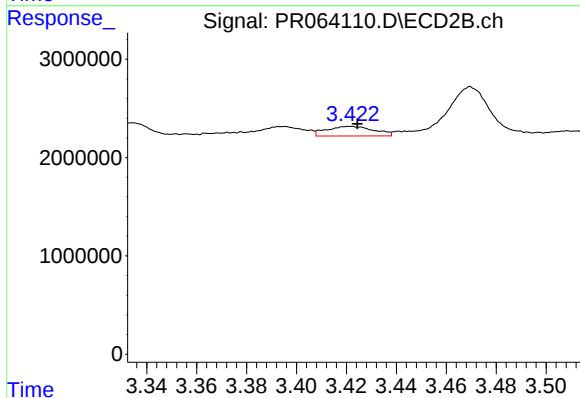
R.T.: 3.421 min
Delta R.T.: -0.003 min
Response: 1289942
Conc: 10.29 ng/ml



#11 AR-1232-1

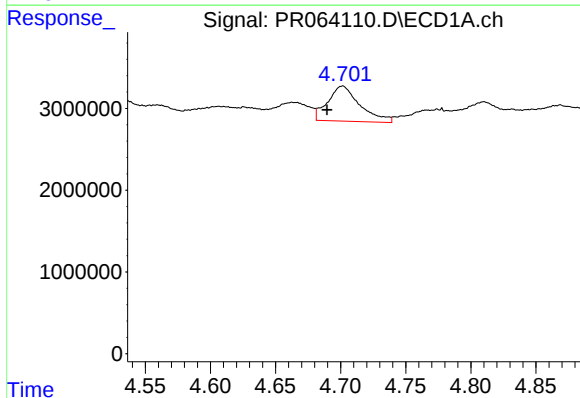
R.T.: 4.109 min
Delta R.T.: -0.023 min
Response: 1029223
Conc: 6.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



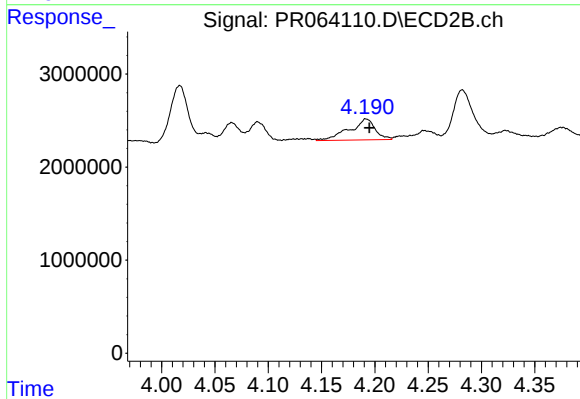
#11 AR-1232-1

R.T.: 3.421 min
Delta R.T.: -0.003 min
Response: 1289942
Conc: 12.32 ng/ml



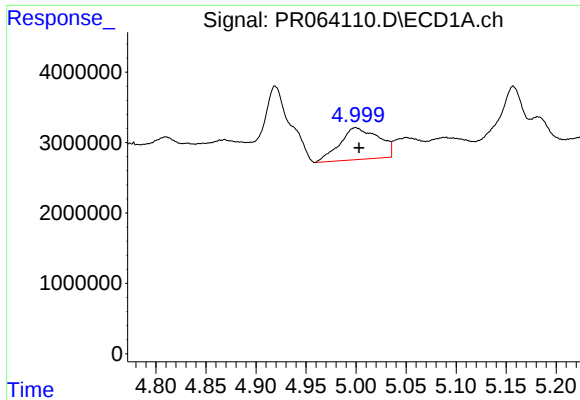
#12 AR-1232-2

R.T.: 4.701 min
Delta R.T.: 0.012 min
Response: 7419166
Conc: 91.02 ng/ml



#12 AR-1232-2

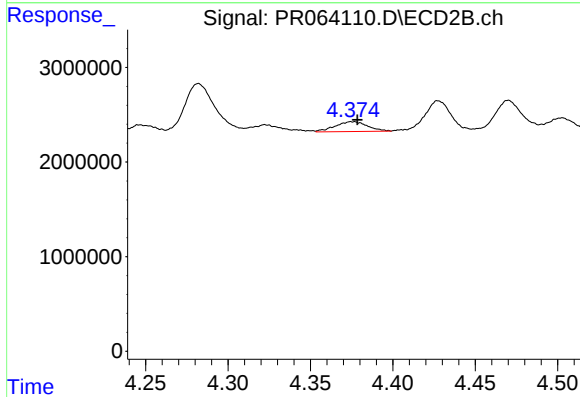
R.T.: 4.192 min
Delta R.T.: -0.003 min
Response: 3816440
Conc: 40.89 ng/ml



#13 AR-1232-3

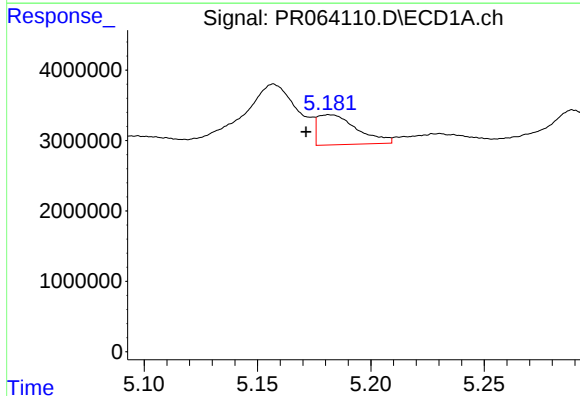
R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 12242575
Conc: 81.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



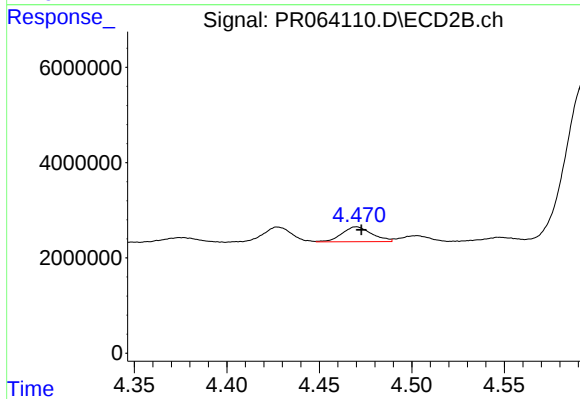
#13 AR-1232-3

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 1417870
Conc: 28.02 ng/ml



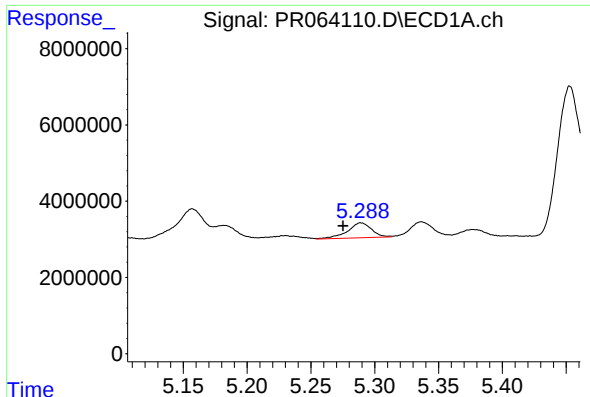
#14 AR-1232-4

R.T.: 5.182 min
Delta R.T.: 0.010 min
Response: 5188874
Conc: 71.13 ng/ml



#14 AR-1232-4

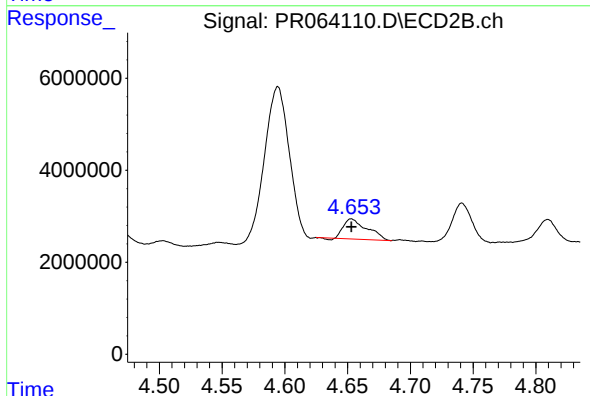
R.T.: 4.470 min
Delta R.T.: -0.003 min
Response: 3550709
Conc: 77.76 ng/ml



#15 AR-1232-5

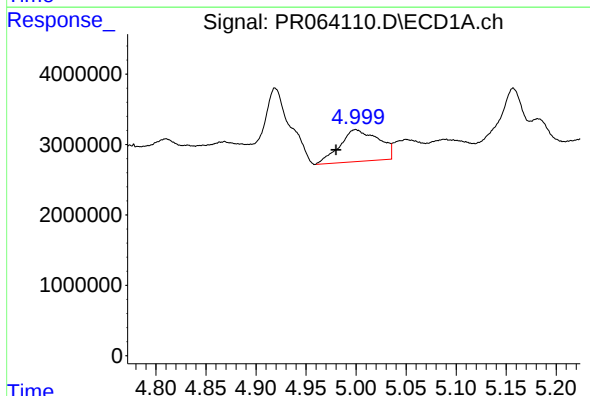
R.T.: 5.289 min
Delta R.T.: 0.014 min
Response: 5135448
Conc: 93.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



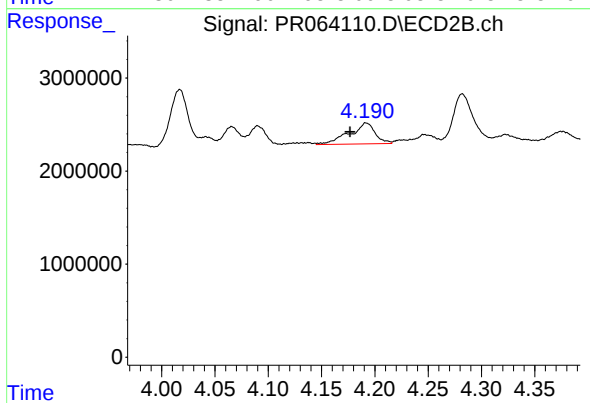
#15 AR-1232-5

R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 5656941
Conc: 112.21 ng/ml



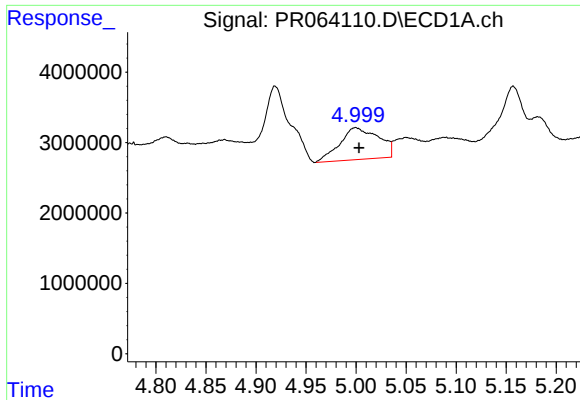
#16 AR-1242-1

R.T.: 5.000 min
Delta R.T.: 0.020 min
Response: 12242575
Conc: 67.79 ng/ml



#16 AR-1242-1

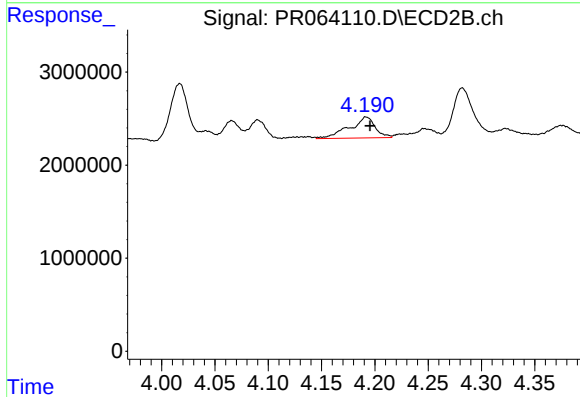
R.T.: 4.192 min
Delta R.T.: 0.015 min
Response: 3816440
Conc: 31.04 ng/ml



#17 AR-1242-2

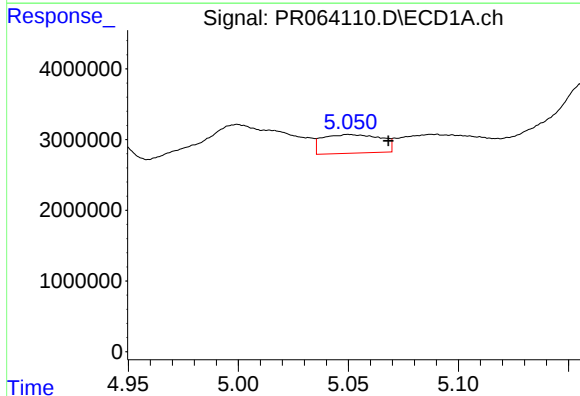
R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 12242575
Conc: 44.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



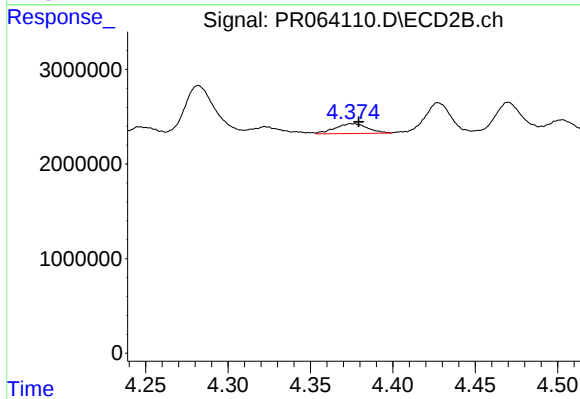
#17 AR-1242-2

R.T.: 4.192 min
Delta R.T.: -0.004 min
Response: 3816440
Conc: 22.68 ng/ml



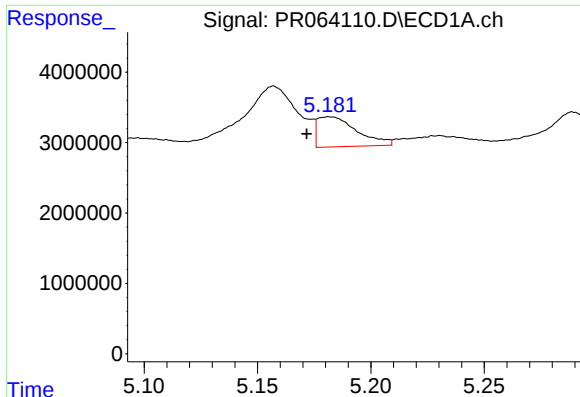
#18 AR-1242-3

R.T.: 5.050 min
Delta R.T.: -0.018 min
Response: 4868394
Conc: 27.69 ng/ml



#18 AR-1242-3

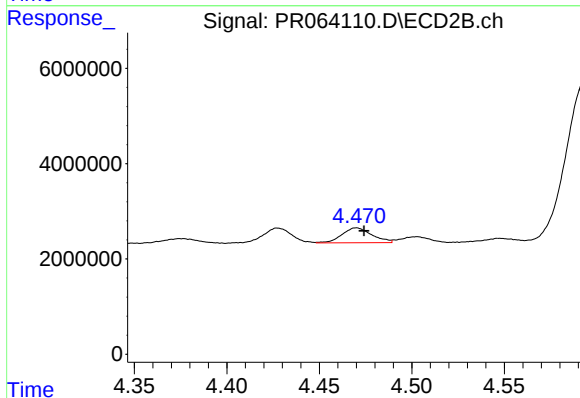
R.T.: 4.375 min
Delta R.T.: -0.004 min
Response: 1417870
Conc: 15.24 ng/ml



#19 AR-1242-4

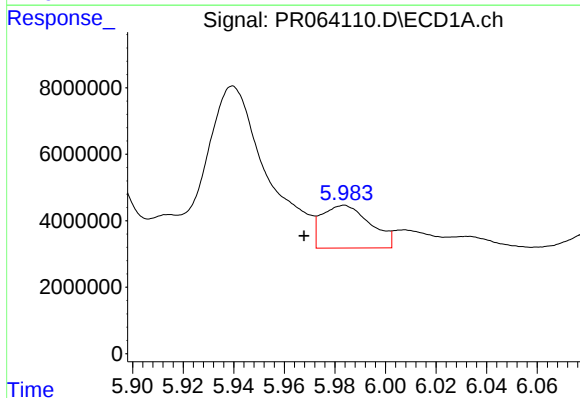
R.T.: 5.182 min
Delta R.T.: 0.010 min
Response: 5188874
Conc: 37.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



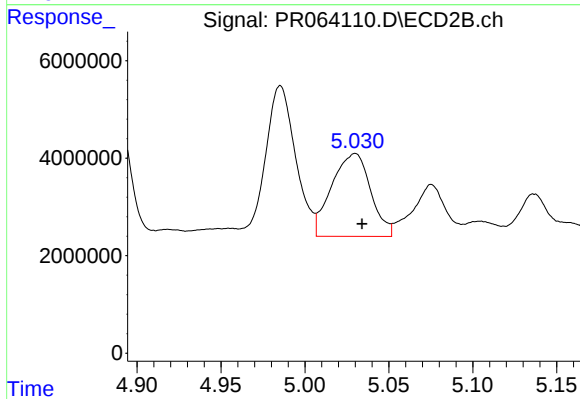
#19 AR-1242-4

R.T.: 4.470 min
Delta R.T.: -0.004 min
Response: 3550709
Conc: 39.07 ng/ml



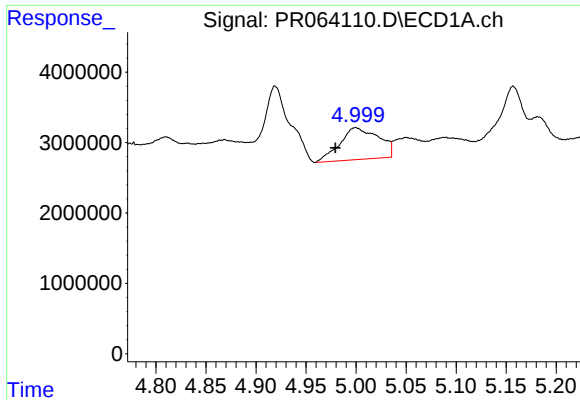
#20 AR-1242-5

R.T.: 5.984 min
Delta R.T.: 0.016 min
Response: 17123758
Conc: 115.65 ng/ml



#20 AR-1242-5

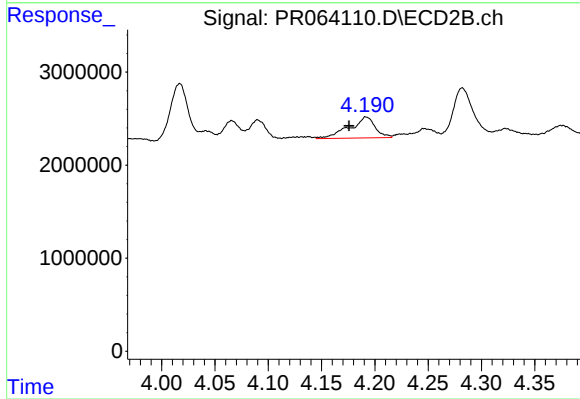
R.T.: 5.030 min
Delta R.T.: -0.004 min
Response: 27438532
Conc: 247.54 ng/ml



#21 AR-1248-1

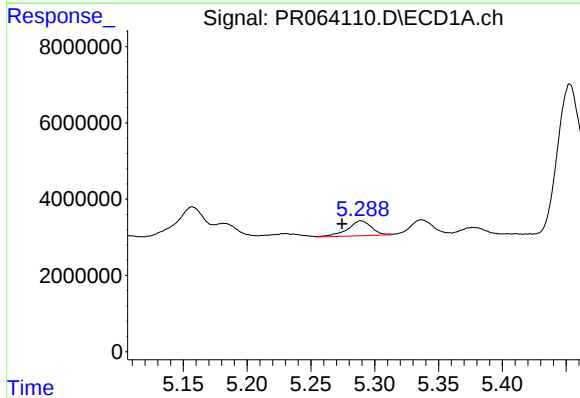
R.T.: 5.000 min
Delta R.T.: 0.020 min
Response: 12242575
Conc: 88.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



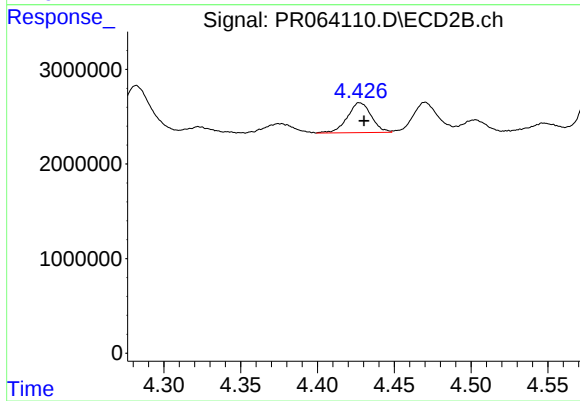
#21 AR-1248-1

R.T.: 4.192 min
Delta R.T.: 0.016 min
Response: 3816440
Conc: 40.46 ng/ml



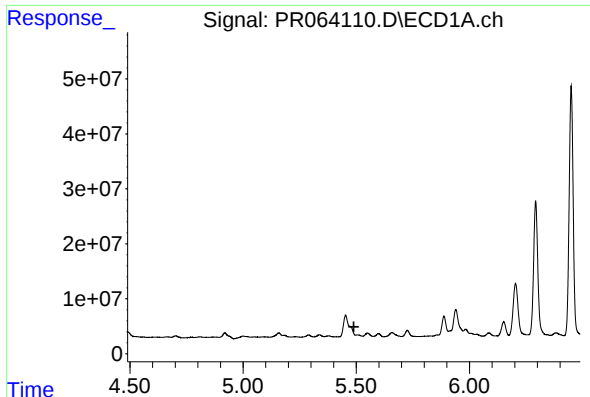
#22 AR-1248-2

R.T.: 5.289 min
Delta R.T.: 0.015 min
Response: 5135448
Conc: 26.23 ng/ml



#22 AR-1248-2

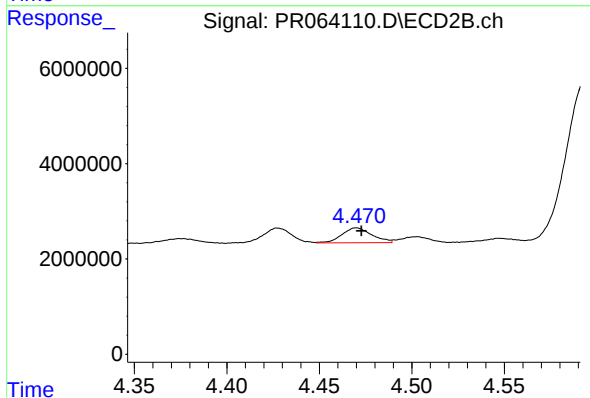
R.T.: 4.428 min
Delta R.T.: -0.003 min
Response: 3444878
Conc: 26.46 ng/ml



#23 AR-1248-3

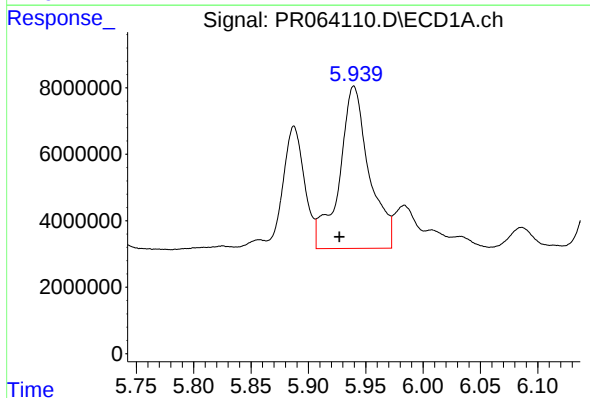
R.T.: 5.506 min
Delta R.T.: 0.017 min
Response: -10521531
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



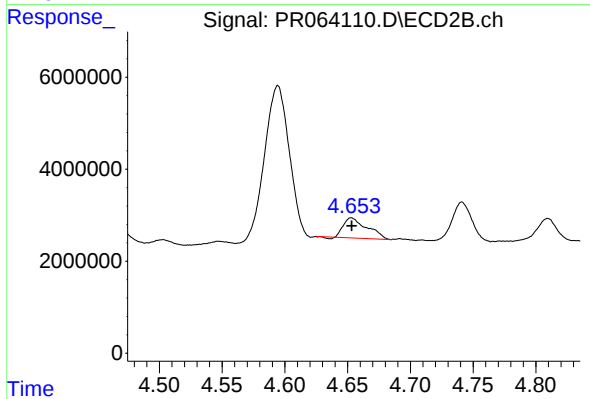
#23 AR-1248-3

R.T.: 4.470 min
Delta R.T.: -0.003 min
Response: 3550709
Conc: 26.34 ng/ml



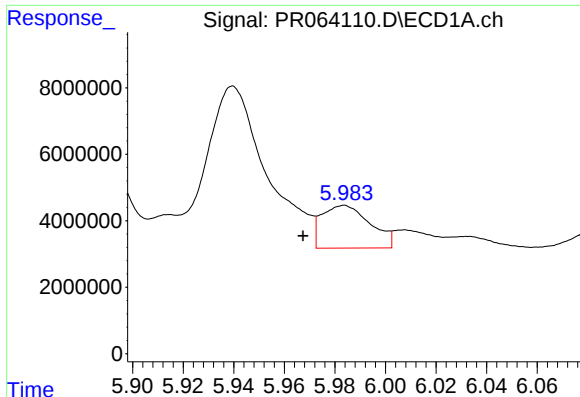
#24 AR-1248-4

R.T.: 5.940 min
Delta R.T.: 0.013 min
Response: 88409564
Conc: 357.11 ng/ml



#24 AR-1248-4

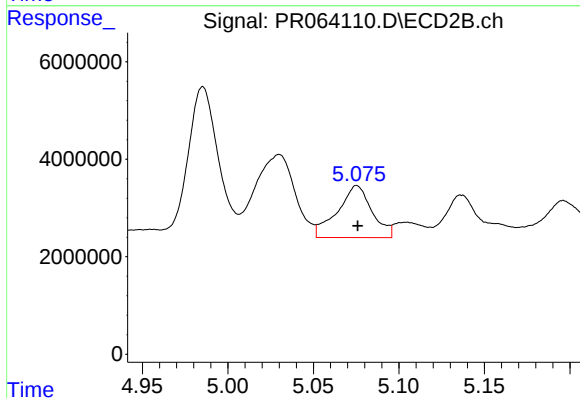
R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 5656941
Conc: 35.17 ng/ml



#25 AR-1248-5

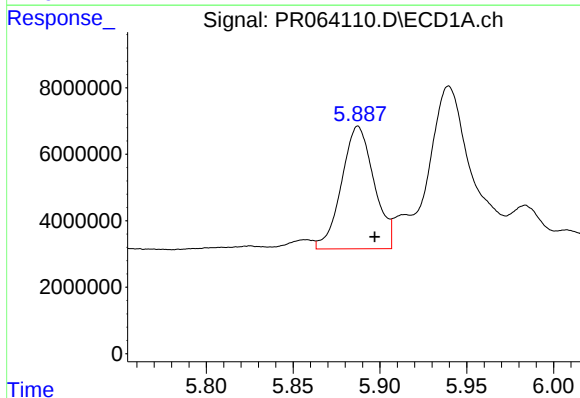
R.T.: 5.984 min
Delta R.T.: 0.016 min
Response: 17123758
Conc: 68.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



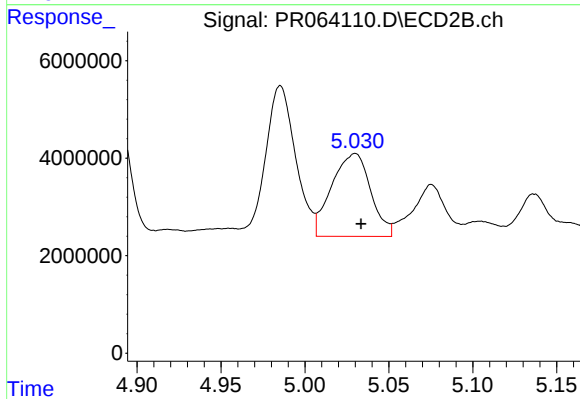
#25 AR-1248-5

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 15007653
Conc: 99.25 ng/ml



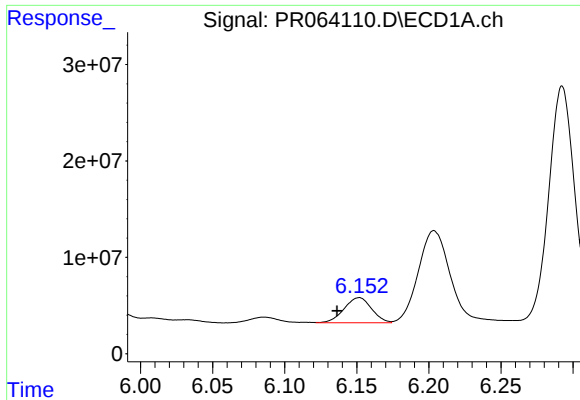
#26 AR-1254-1

R.T.: 5.887 min
Delta R.T.: -0.010 min
Response: 48089065
Conc: 191.80 ng/ml



#26 AR-1254-1

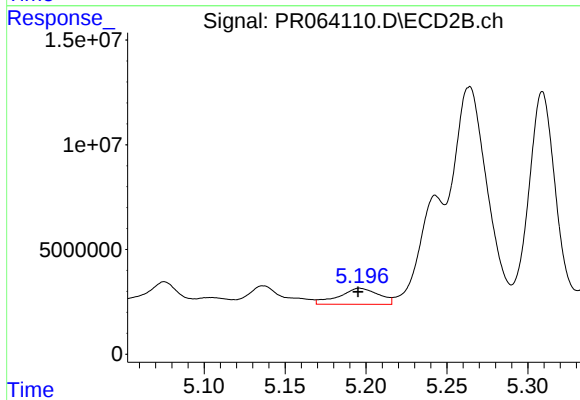
R.T.: 5.030 min
Delta R.T.: -0.004 min
Response: 27438532
Conc: 118.97 ng/ml



#27 AR-1254-2

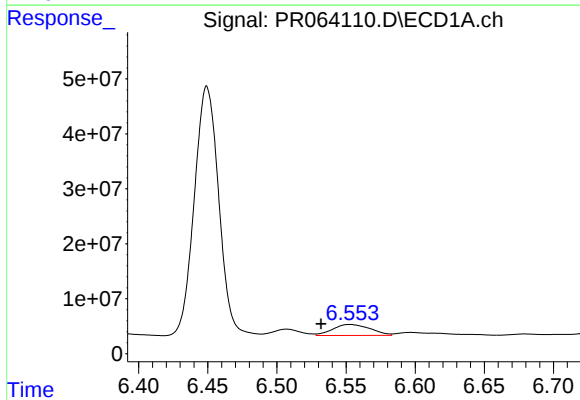
R.T.: 6.152 min
Delta R.T.: 0.016 min
Response: 34470135
Conc: 90.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



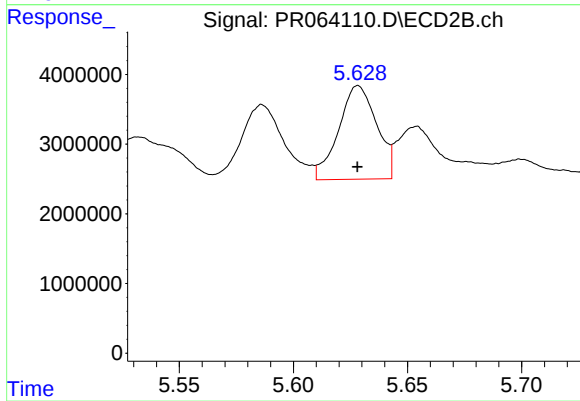
#27 AR-1254-2

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 13133543
Conc: 66.33 ng/ml



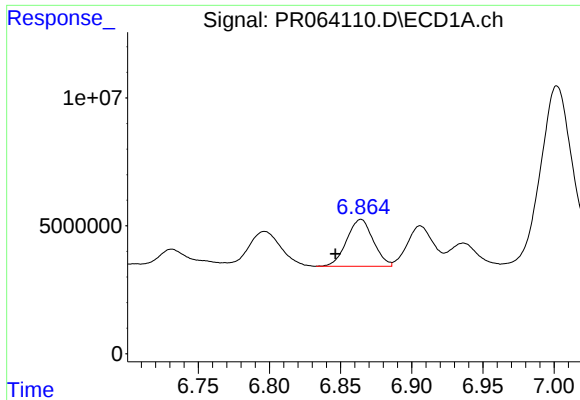
#28 AR-1254-3

R.T.: 6.553 min
Delta R.T.: 0.021 min
Response: 37458543
Conc: 96.14 ng/ml



#28 AR-1254-3

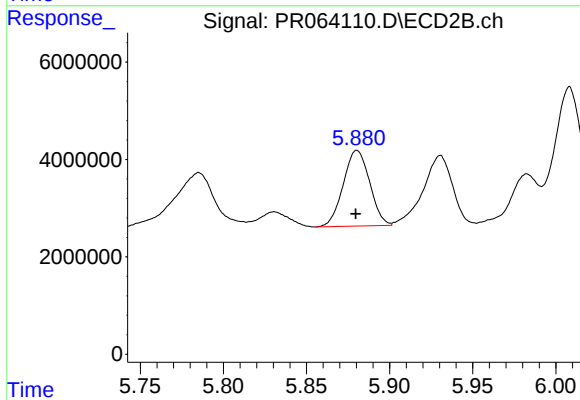
R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 15596735
Conc: 49.82 ng/ml



#29 AR-1254-4

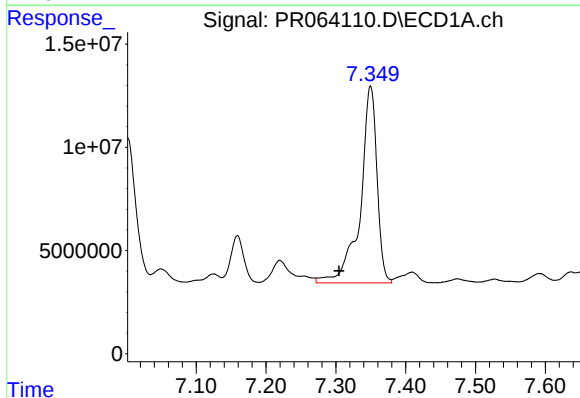
R.T.: 6.864 min
Delta R.T.: 0.018 min
Response: 23754335
Conc: 88.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



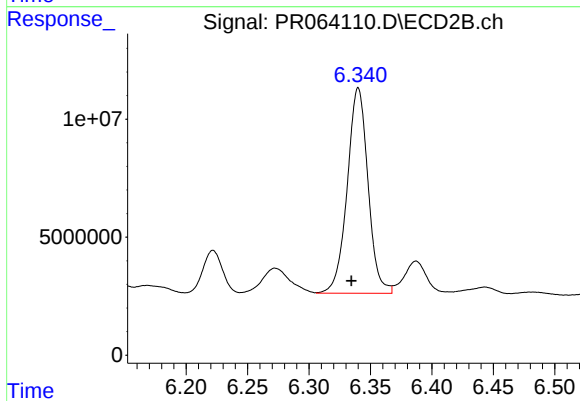
#29 AR-1254-4

R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 17185893
Conc: 91.46 ng/ml



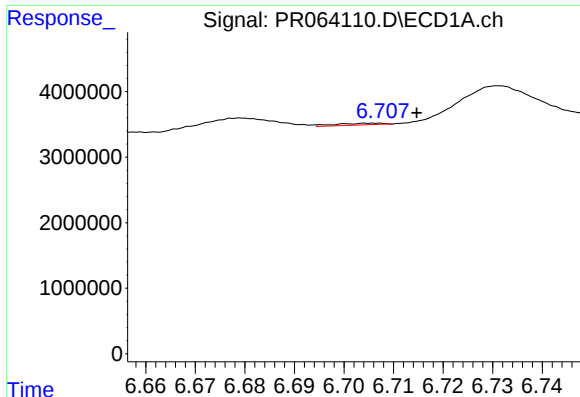
#30 AR-1254-5

R.T.: 7.350 min
Delta R.T.: 0.045 min
Response: 157980099
Conc: 537.33 ng/ml



#30 AR-1254-5

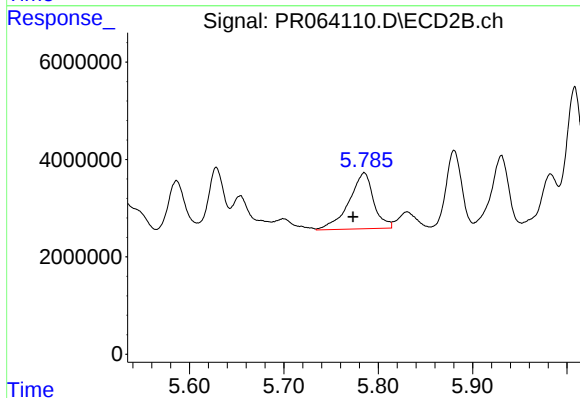
R.T.: 6.340 min
Delta R.T.: 0.005 min
Response: 102726588
Conc: 376.49 ng/ml



#31 AR-1260-1

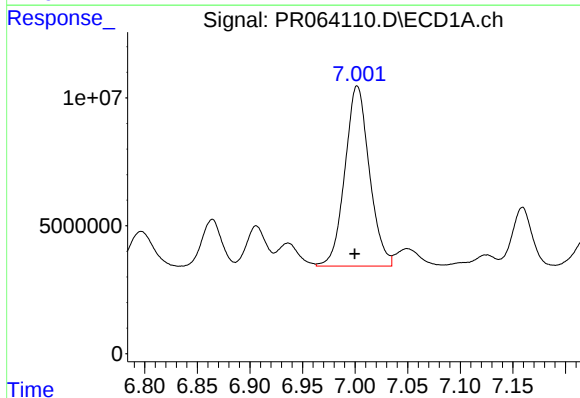
R.T.: 6.706 min
Delta R.T.: -0.009 min
Response: 168448
Conc: 0.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



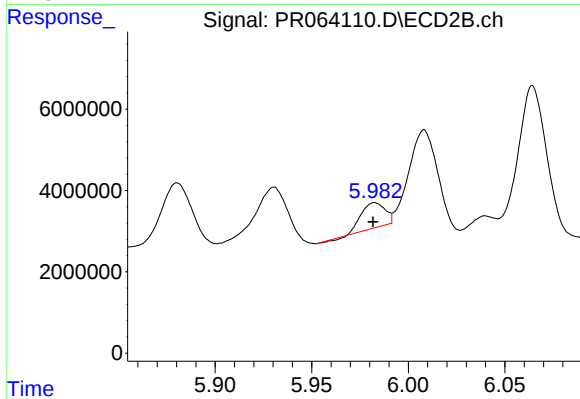
#31 AR-1260-1

R.T.: 5.785 min
Delta R.T.: 0.012 min
Response: 20977166
Conc: 93.43 ng/ml



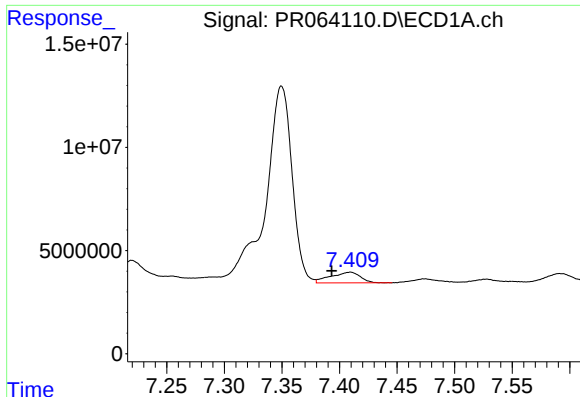
#32 AR-1260-2

R.T.: 7.002 min
Delta R.T.: 0.002 min
Response: 114103528
Conc: 329.95 ng/ml



#32 AR-1260-2

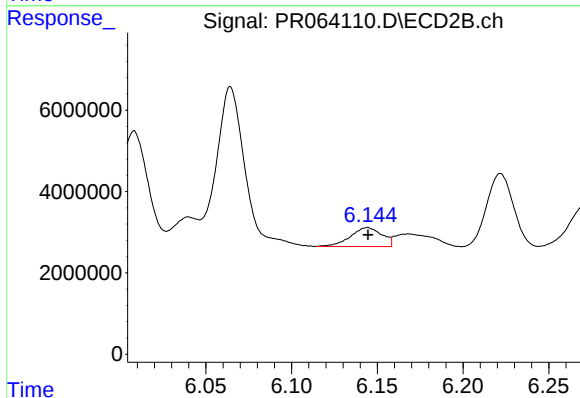
R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 5100997
Conc: 19.34 ng/ml



#33 AR-1260-3

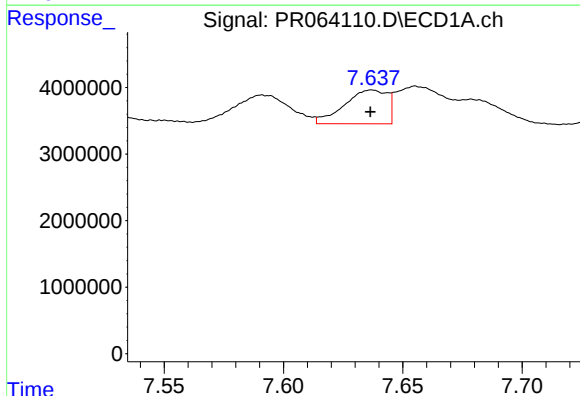
R.T.: 7.409 min
Delta R.T.: 0.016 min
Response: 9250997
Conc: 36.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



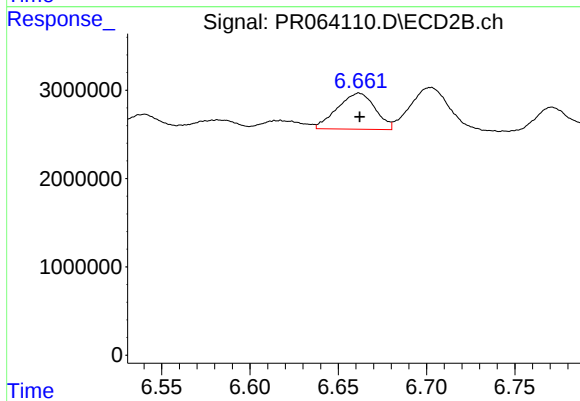
#33 AR-1260-3

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 5985550
Conc: 23.67 ng/ml



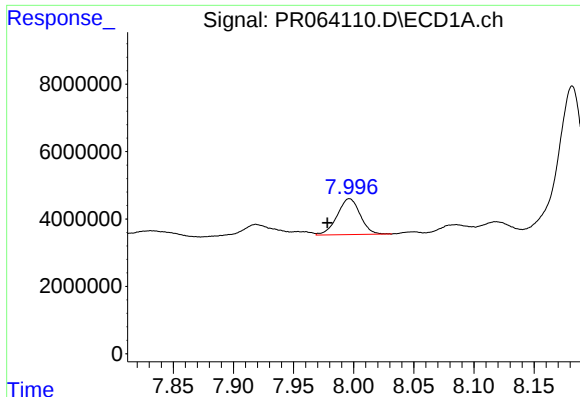
#34 AR-1260-4

R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 6364456
Conc: 22.52 ng/ml



#34 AR-1260-4

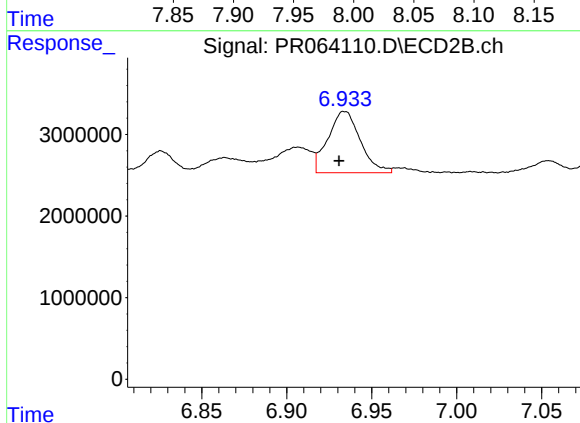
R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 6081834
Conc: 30.83 ng/ml



#35 AR-1260-5

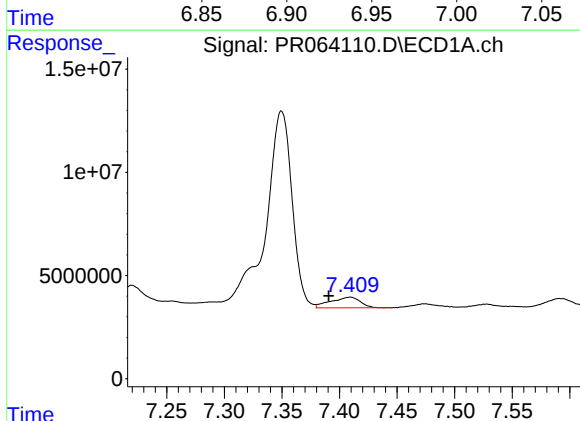
R.T.: 7.996 min
Delta R.T.: 0.018 min
Response: 14231889
Conc: 26.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



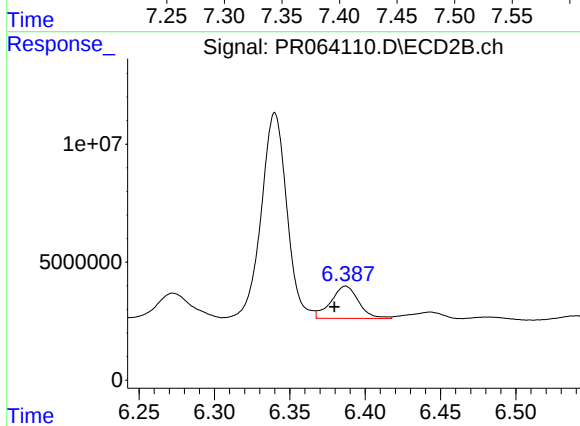
#35 AR-1260-5

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 9978311
Conc: 23.50 ng/ml



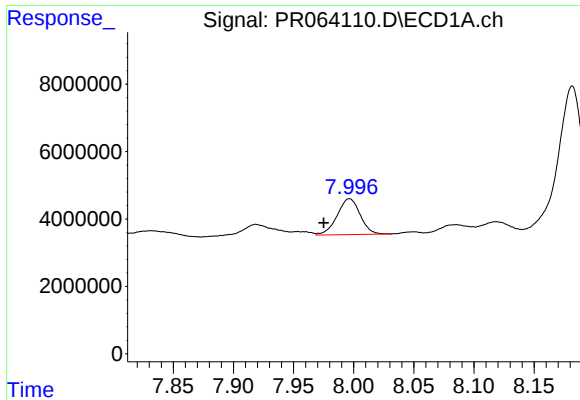
#36 AR-1262-1

R.T.: 7.409 min
Delta R.T.: 0.019 min
Response: 9250997
Conc: 24.57 ng/ml



#36 AR-1262-1

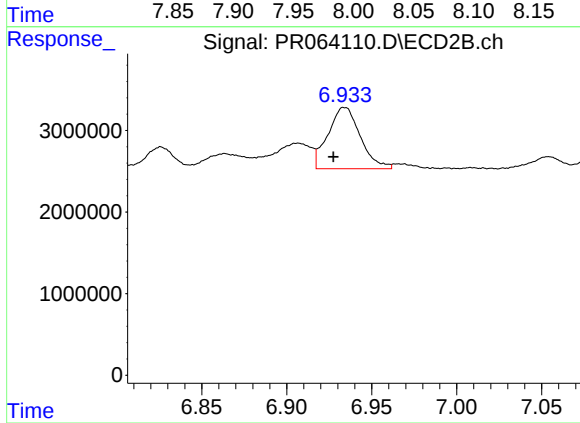
R.T.: 6.387 min
Delta R.T.: 0.007 min
Response: 17597150
Conc: 60.45 ng/ml



#37 AR-1262-2

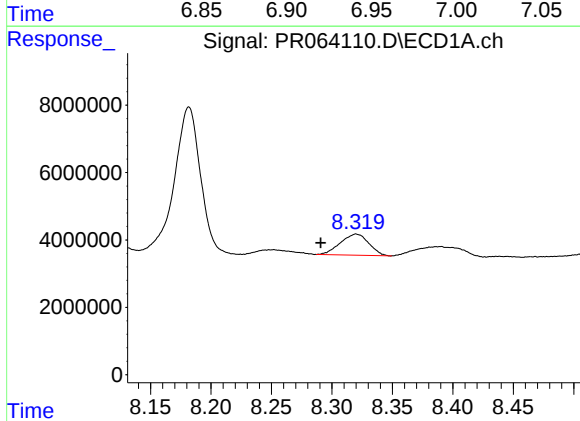
R.T.: 7.996 min
Delta R.T.: 0.021 min
Response: 14231889
Conc: 23.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



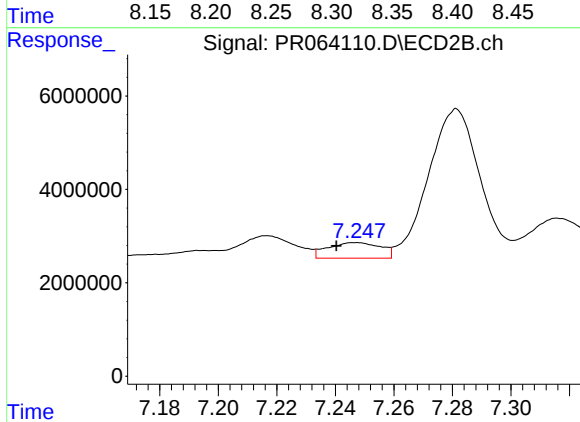
#37 AR-1262-2

R.T.: 6.934 min
Delta R.T.: 0.007 min
Response: 9978311
Conc: 21.38 ng/ml



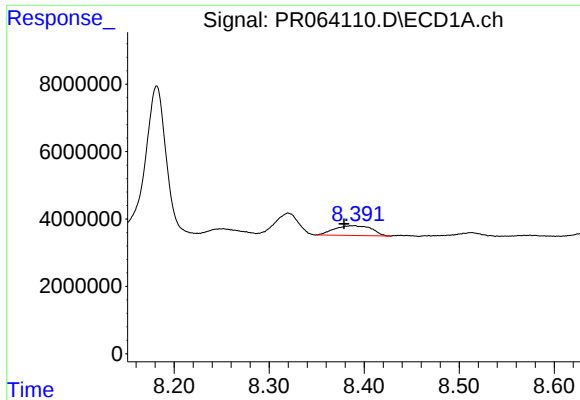
#38 AR-1262-3

R.T.: 8.320 min
Delta R.T.: 0.030 min
Response: 10249046
Conc: 24.46 ng/ml



#38 AR-1262-3

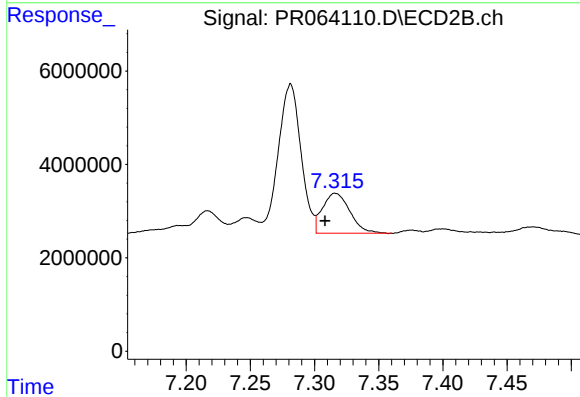
R.T.: 7.247 min
Delta R.T.: 0.007 min
Response: 4197358
Conc: 22.99 ng/ml



#39 AR-1262-4

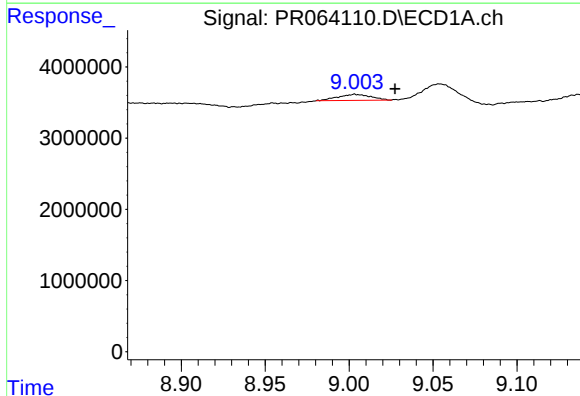
R.T.: 8.388 min
Delta R.T.: 0.009 min
Response: 7884671
Conc: 24.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



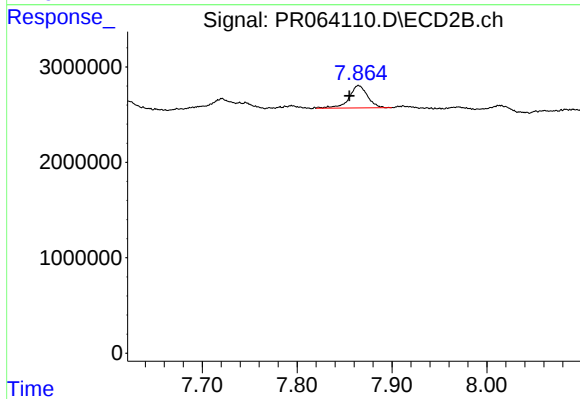
#39 AR-1262-4

R.T.: 7.316 min
Delta R.T.: 0.008 min
Response: 12692042
Conc: 37.68 ng/ml



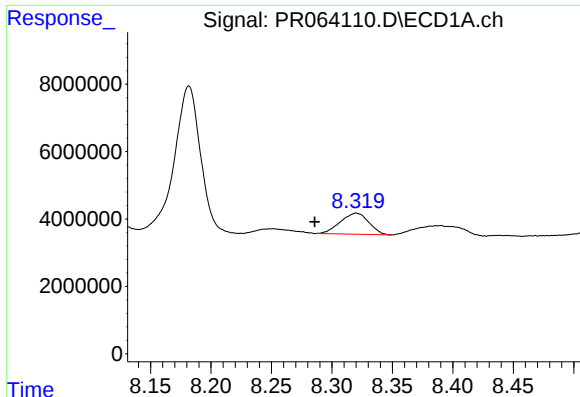
#40 AR-1262-5

R.T.: 9.004 min
Delta R.T.: -0.024 min
Response: 1156461
Conc: 5.26 ng/ml



#40 AR-1262-5

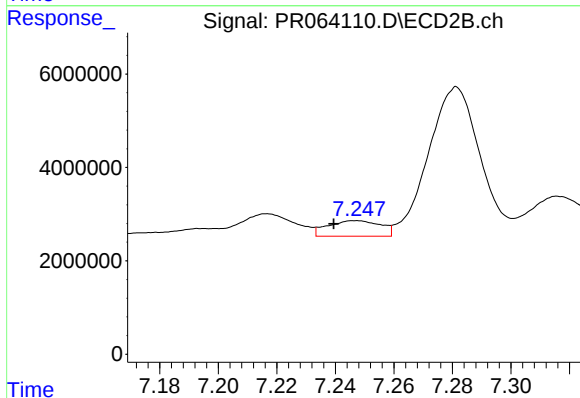
R.T.: 7.865 min
Delta R.T.: 0.010 min
Response: 3132476
Conc: 21.44 ng/ml



#41 AR-1268-1

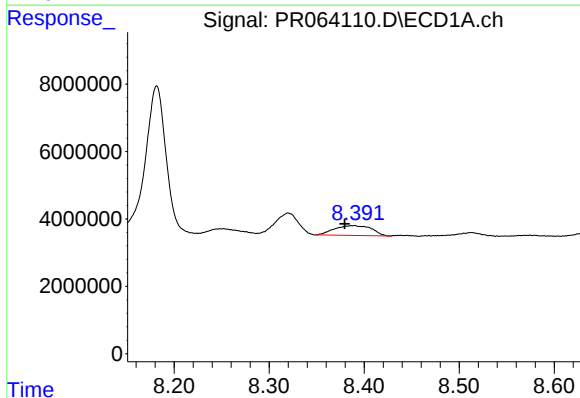
R.T.: 8.320 min
Delta R.T.: 0.034 min
Response: 10249046
Conc: 13.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



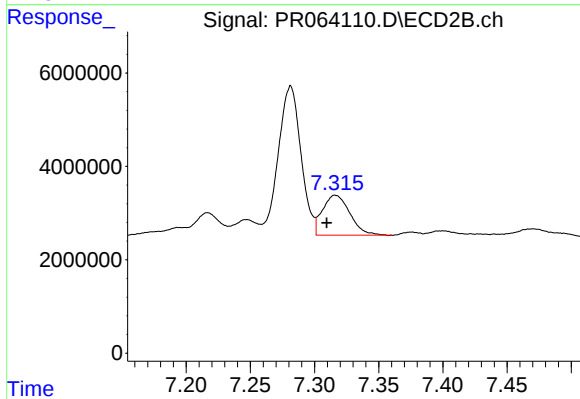
#41 AR-1268-1

R.T.: 7.247 min
Delta R.T.: 0.008 min
Response: 4197358
Conc: 8.07 ng/ml



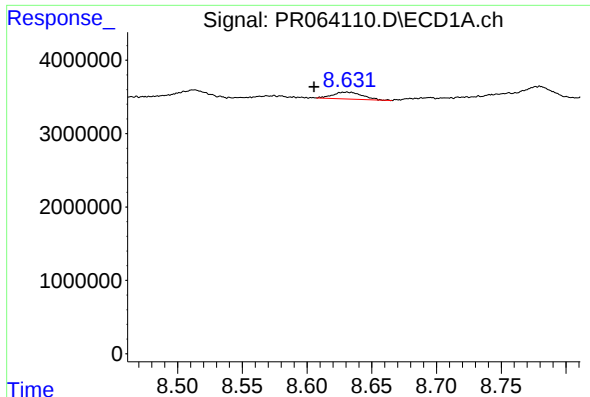
#42 AR-1268-2

R.T.: 8.388 min
Delta R.T.: 0.009 min
Response: 7884671
Conc: 11.88 ng/ml



#42 AR-1268-2

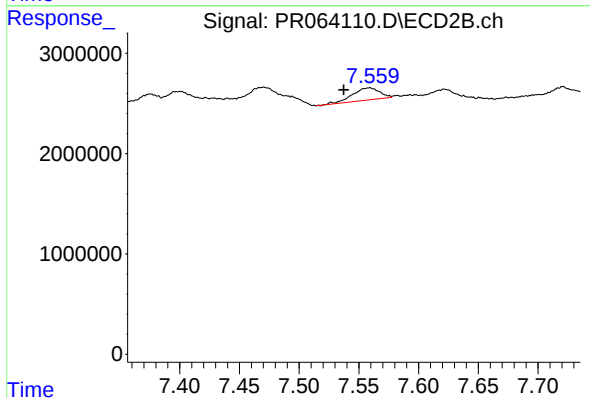
R.T.: 7.316 min
Delta R.T.: 0.007 min
Response: 12692042
Conc: 26.88 ng/ml



#43 AR-1268-3

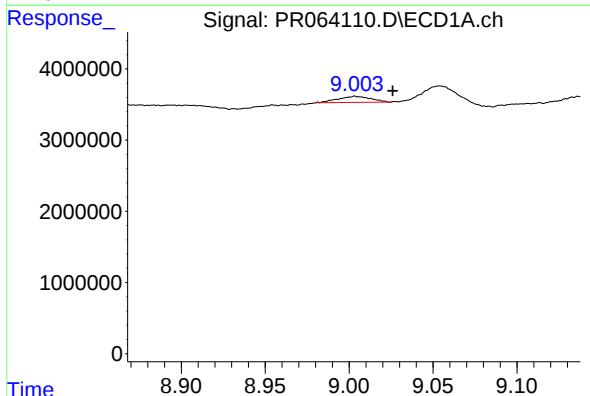
R.T.: 8.630 min
Delta R.T.: 0.025 min
Response: 1488170
Conc: 2.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



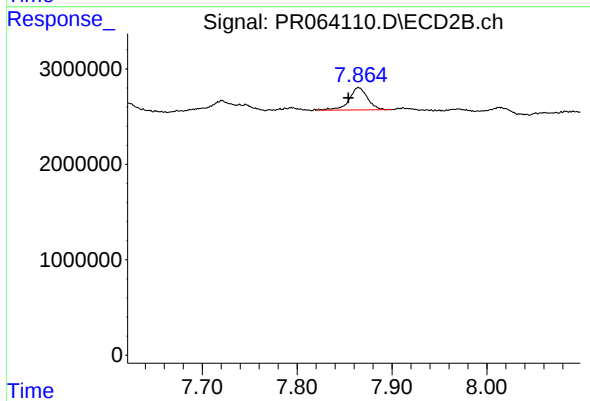
#43 AR-1268-3

R.T.: 7.559 min
Delta R.T.: 0.021 min
Response: 1925934
Conc: 4.82 ng/ml



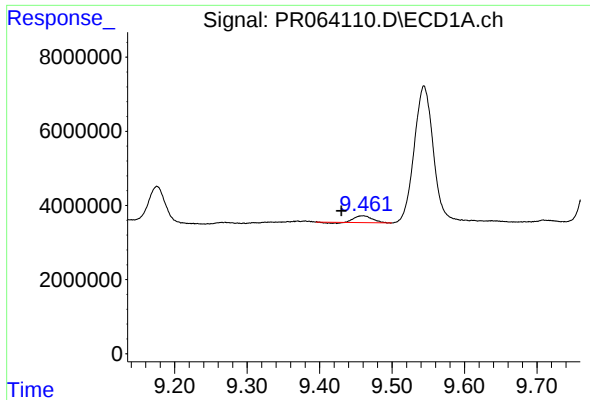
#44 AR-1268-4

R.T.: 9.004 min
Delta R.T.: -0.022 min
Response: 1156461
Conc: 4.94 ng/ml



#44 AR-1268-4

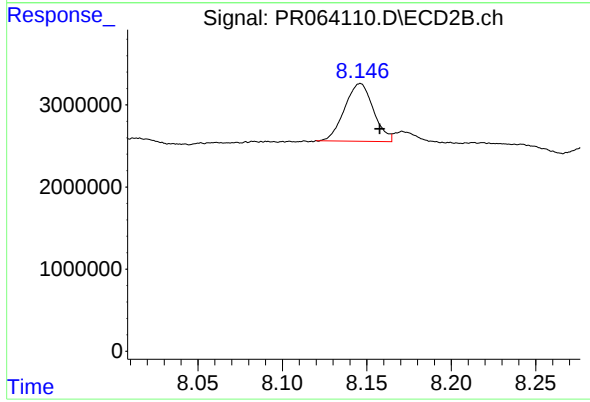
R.T.: 7.865 min
Delta R.T.: 0.011 min
Response: 3132476
Conc: 19.25 ng/ml



#45 AR-1268-5

R.T.: 9.460 min
Delta R.T.: 0.029 min
Response: 3025208
Conc: 1.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.146 min
Delta R.T.: -0.012 min
Response: 8332033
Conc: 7.12 ng/ml