

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111723\
 Data File : P0099928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2023 16:32
 Operator : YP/AJ
 Sample : 05467-03 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 21:44:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 2023
 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...	4.489	3.715	2905474	2025724	1.699	1.715
2) SA Decachlor...	10.375	8.814	2251040	2029093	2.411	2.067
Target Compounds						
3) L1 AR-1016-1	5.673	4.829	103726	179218	2.345	6.728 #
4) L1 AR-1016-2	5.708	4.863	316659	57809	4.638	1.559 #
5) L1 AR-1016-3	5.766	5.065f	435568	59857	9.530	3.032 #
6) L1 AR-1016-4	5.866	5.065	680237	59857	19.707	3.551 #
7) L1 AR-1016-5	6.165	5.242f	133563	27065	4.002	1.357 #
8) L2 AR-1221-1	4.700	3.946	53541	195981	2.550	12.979 #
9) L2 AR-1221-2	4.807	4.019	571275	70464	37.192	6.668 #
10) L2 AR-1221-3	4.924f	4.090	6114	61228	0.136	2.010 #
11) L3 AR-1232-1	4.924f	4.090	6114	61228	0.166	2.389 #
12) L3 AR-1232-2	5.402	4.863	73066	57809	3.969	3.245
13) L3 AR-1232-3	5.708	5.065f	316659	59857	10.032	6.530 #
14) L3 AR-1232-4	5.866	5.094	680237	147618	44.494	17.314 #
15) L3 AR-1232-5	5.949	5.242f	815331	27065	63.431	2.950 #
16) L4 AR-1242-1	5.682	4.829	114883	179218	3.136	7.801 #
17) L4 AR-1242-2	5.708	4.863	316659	57809	5.591	1.840 #
18) L4 AR-1242-3	5.766	5.065f	435568	59857	11.494	3.577 #
19) L4 AR-1242-4	5.866	5.094	680237	147618	23.718	8.543 #
20) L4 AR-1242-5	6.627	5.640	194614	153938	7.918	7.738
21) L5 AR-1248-1	5.673	4.829	103726	179218	3.860	10.243 #
22) L5 AR-1248-2	5.949	5.065	815331	59857	19.193	2.490 #
23) L5 AR-1248-3	6.165	5.094	133563	147618	2.903	5.975 #
24) L5 AR-1248-4	6.576	5.242f	162542	27065	3.919	0.959 #
25) L5 AR-1248-5	6.627	5.705	194614	823643	4.775	32.410 #
26) L6 AR-1254-1	6.543	5.640	36845	153938	0.761	3.717 #
27) L6 AR-1254-2	6.774	5.792	169702	207621	2.405	5.467 #
28) L6 AR-1254-3	7.136	6.208	498148	183875	7.338	2.844 #
29) L6 AR-1254-4	7.426	6.438	53002	63038	1.337	1.840 #
30) L6 AR-1254-5	7.867	6.851	215653	82125	4.392	1.339 #
31) L7 AR-1260-1	7.279	6.351	140881	379337	2.525	7.880 #
32) L7 AR-1260-2	7.576	6.498	57522	341056	0.954	6.014 #
33) L7 AR-1260-3	7.914	6.667	54775	44214	1.310	0.800 #
34) L7 AR-1260-4	8.153	7.150	569927	263725	11.573	5.984 #
35) L7 AR-1260-5	8.491	7.392	35977	365350	0.429	3.676 #
36) L8 AR-1262-1	7.832	6.851	391883	82125	8.745	2.524 #
37) L8 AR-1262-2	8.491	7.150	35977	263725	0.349	4.035 #
38) L8 AR-1262-3	8.808	7.630f	166008	678926	2.263	13.206 #
40) L8 AR-1262-5	9.573	8.254	70460	298944	2.153	7.670 #
41) L9 AR-1268-1	8.808	7.630f	166008	678926	1.249	4.746 #
43) L9 AR-1268-3	9.144	7.952	42574	27851	0.391	0.229 #

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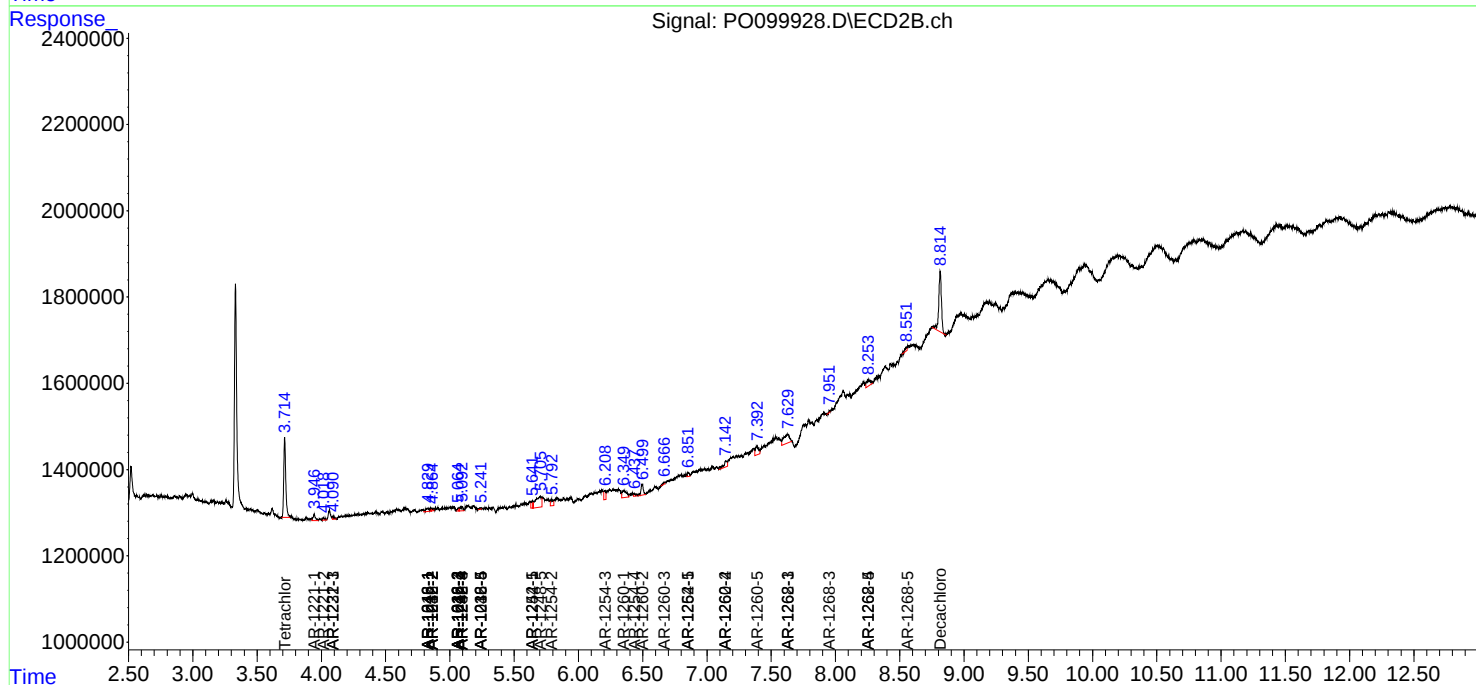
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

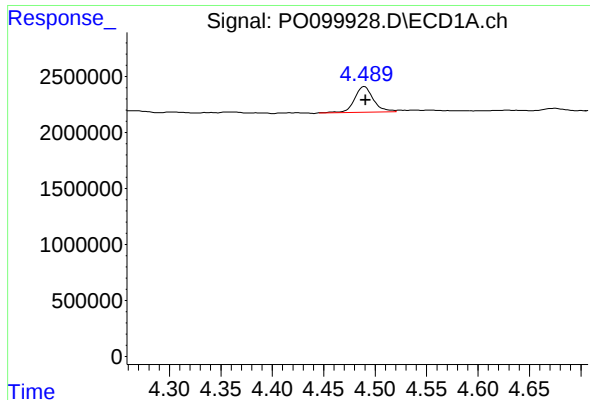
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.573	8.254	70460	298944	2.017	6.934 #
45) L9	AR-1268-5	10.008	8.552	97464	92608	0.305	0.266

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

Instrument :
ECD_O
ClientSampleId :

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

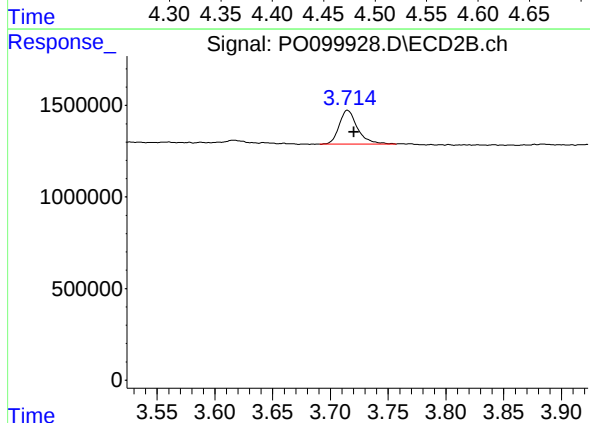




#1 Tetrachloro-m-xylene

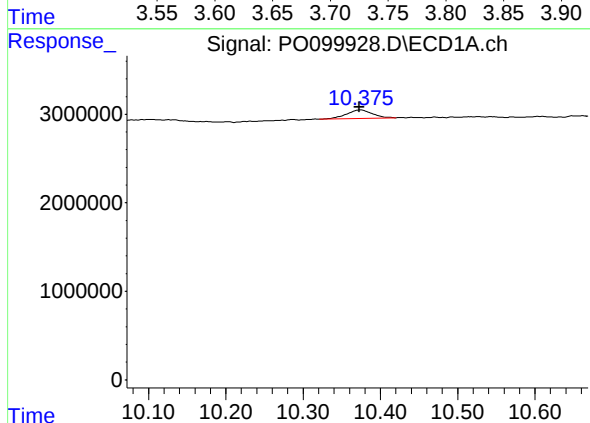
R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 2905474
Conc: 1.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



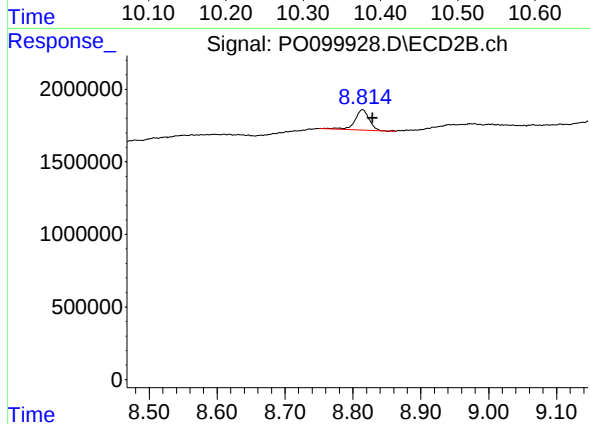
#1 Tetrachloro-m-xylene

R.T.: 3.715 min
Delta R.T.: -0.006 min
Response: 2025724
Conc: 1.71 ng/ml



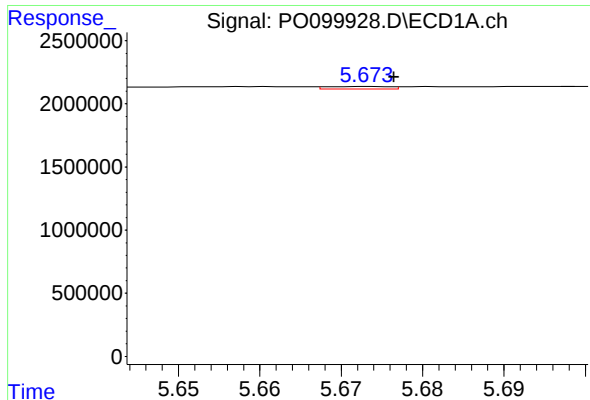
#2 Decachlorobiphenyl

R.T.: 10.375 min
Delta R.T.: 0.002 min
Response: 2251040
Conc: 2.41 ng/ml



#2 Decachlorobiphenyl

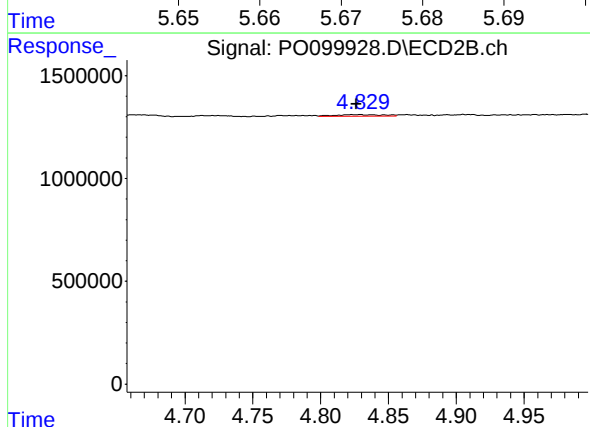
R.T.: 8.814 min
Delta R.T.: -0.015 min
Response: 2029093
Conc: 2.07 ng/ml



#3 AR-1016-1

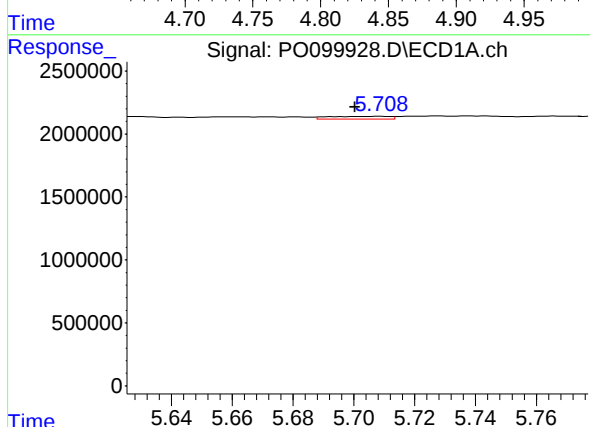
R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 103726
Conc: 2.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



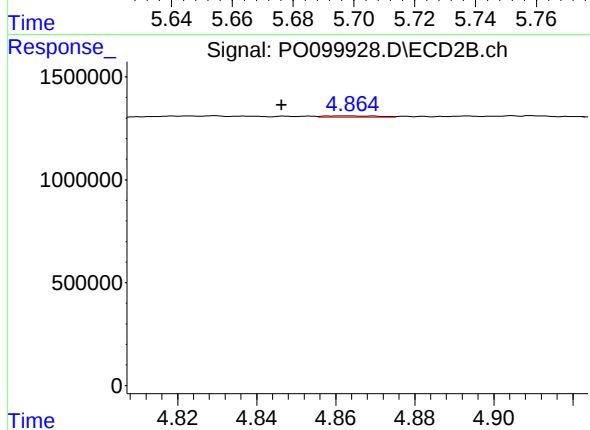
#3 AR-1016-1

R.T.: 4.829 min
Delta R.T.: 0.003 min
Response: 179218
Conc: 6.73 ng/ml



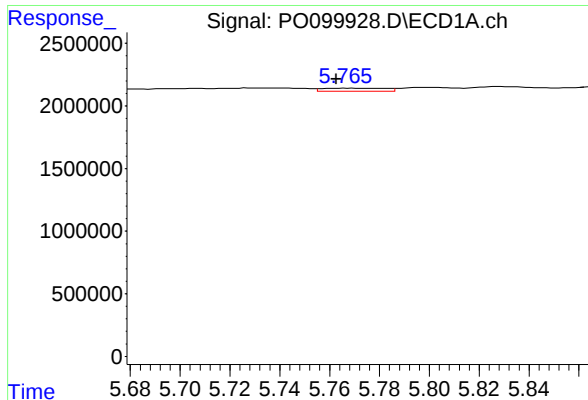
#4 AR-1016-2

R.T.: 5.708 min
Delta R.T.: 0.008 min
Response: 316659
Conc: 4.64 ng/ml



#4 AR-1016-2

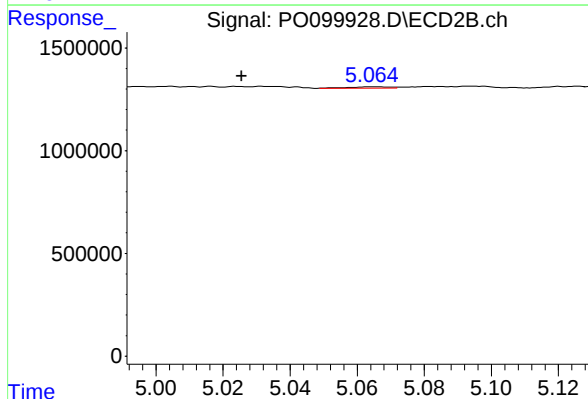
R.T.: 4.863 min
Delta R.T.: 0.017 min
Response: 57809
Conc: 1.56 ng/ml



#5 AR-1016-3

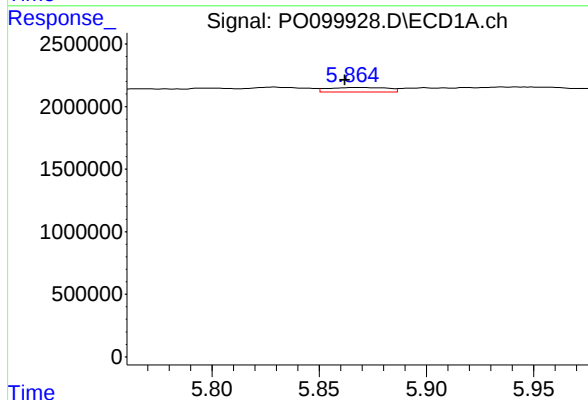
R.T.: 5.766 min
Delta R.T.: 0.003 min
Response: 435568
Conc: 9.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



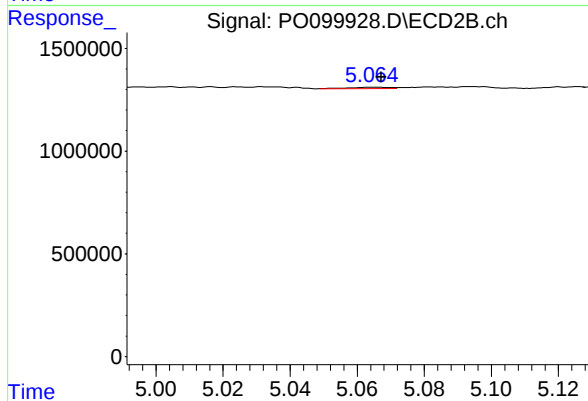
#5 AR-1016-3

R.T.: 5.065 min
Delta R.T.: 0.039 min
Response: 59857
Conc: 3.03 ng/ml



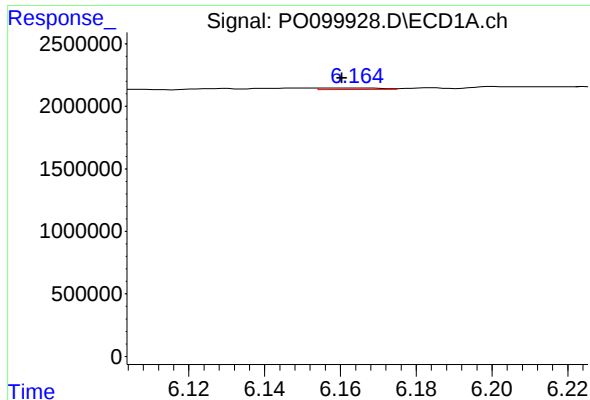
#6 AR-1016-4

R.T.: 5.866 min
Delta R.T.: 0.004 min
Response: 680237
Conc: 19.71 ng/ml



#6 AR-1016-4

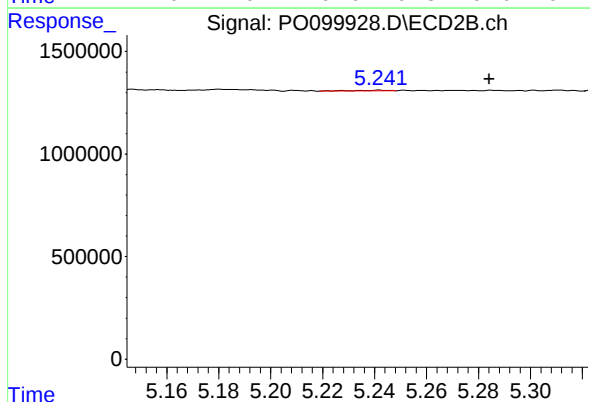
R.T.: 5.065 min
Delta R.T.: -0.003 min
Response: 59857
Conc: 3.55 ng/ml



#7 AR-1016-5

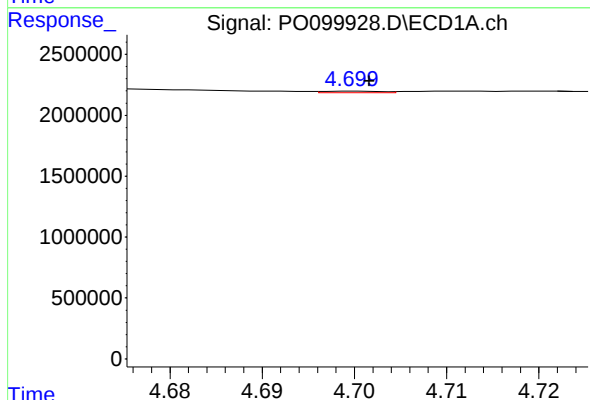
R.T.: 6.165 min
Delta R.T.: 0.005 min
Response: 133563
Conc: 4.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



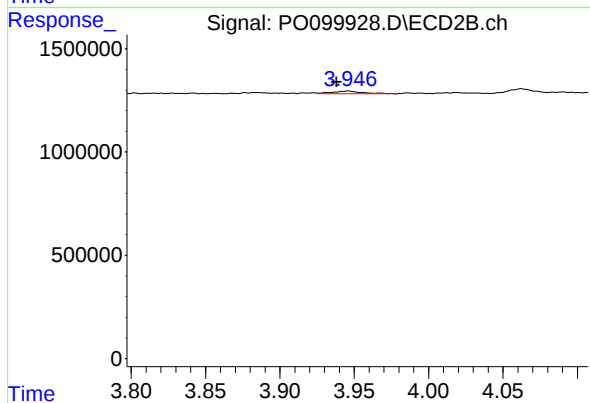
#7 AR-1016-5

R.T.: 5.242 min
Delta R.T.: -0.042 min
Response: 27065
Conc: 1.36 ng/ml



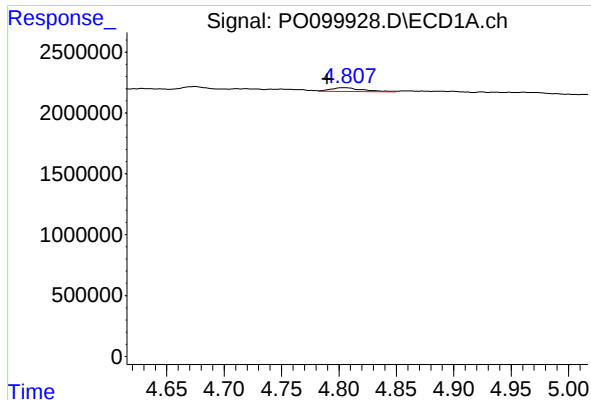
#8 AR-1221-1

R.T.: 4.700 min
Delta R.T.: -0.002 min
Response: 53541
Conc: 2.55 ng/ml



#8 AR-1221-1

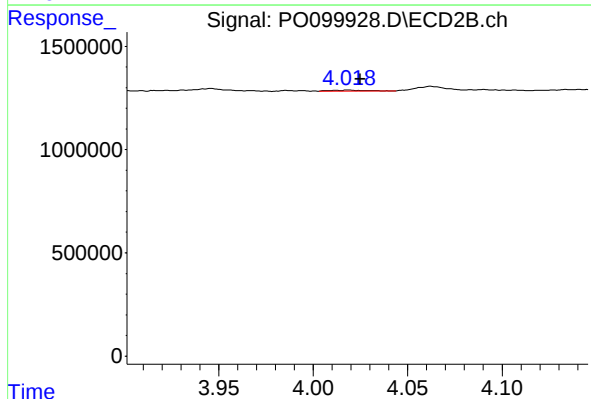
R.T.: 3.946 min
Delta R.T.: 0.008 min
Response: 195981
Conc: 12.98 ng/ml



#9 AR-1221-2

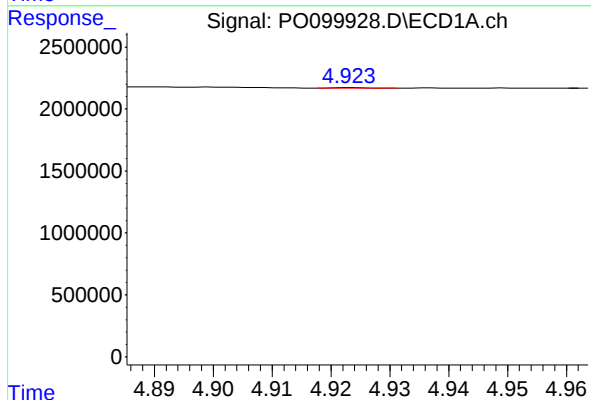
R.T.: 4.807 min
Delta R.T.: 0.017 min
Response: 571275
Conc: 37.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



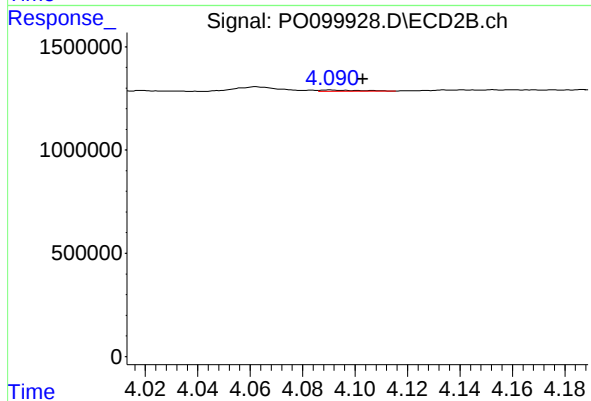
#9 AR-1221-2

R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 70464
Conc: 6.67 ng/ml



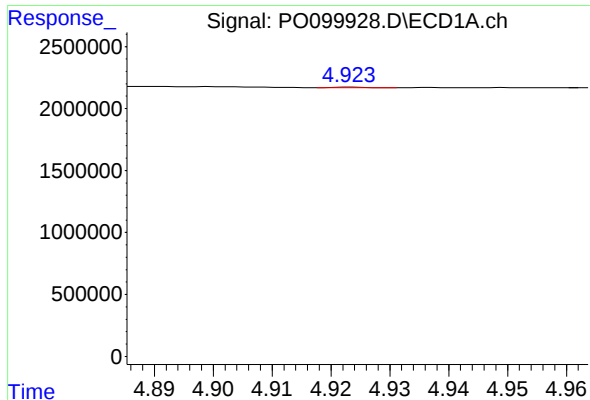
#10 AR-1221-3

R.T.: 4.924 min
Delta R.T.: 0.057 min
Response: 6114
Conc: 0.14 ng/ml



#10 AR-1221-3

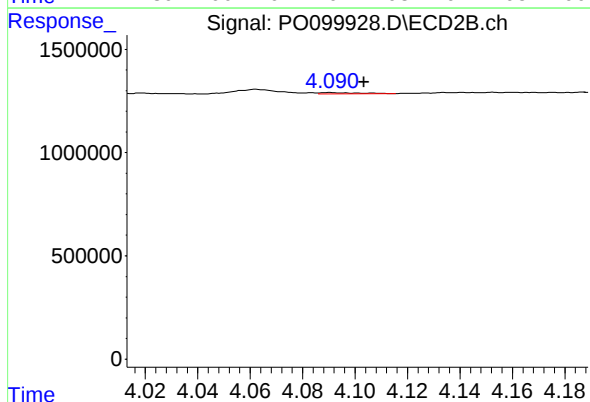
R.T.: 4.090 min
Delta R.T.: -0.013 min
Response: 61228
Conc: 2.01 ng/ml



#11 AR-1232-1

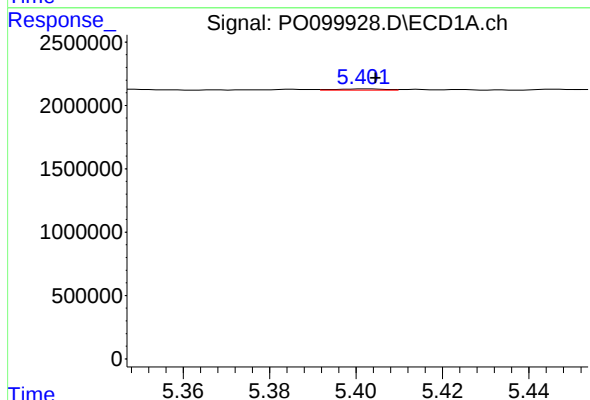
R.T.: 4.924 min
Delta R.T.: 0.057 min
Response: 6114
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



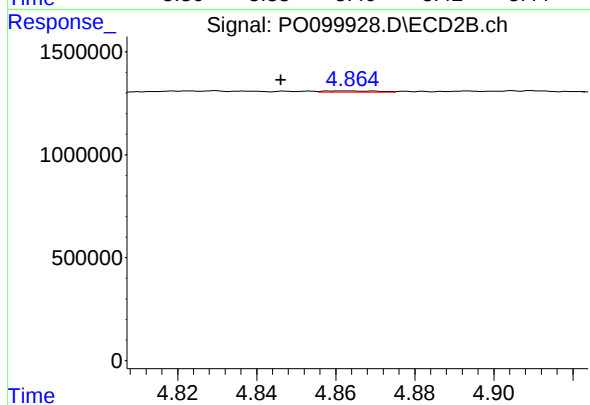
#11 AR-1232-1

R.T.: 4.090 min
Delta R.T.: -0.013 min
Response: 61228
Conc: 2.39 ng/ml



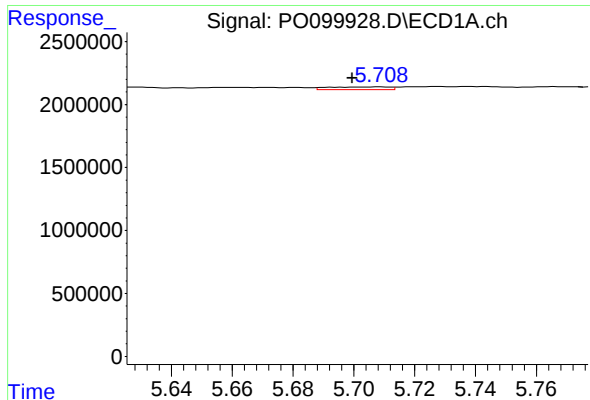
#12 AR-1232-2

R.T.: 5.402 min
Delta R.T.: -0.002 min
Response: 73066
Conc: 3.97 ng/ml



#12 AR-1232-2

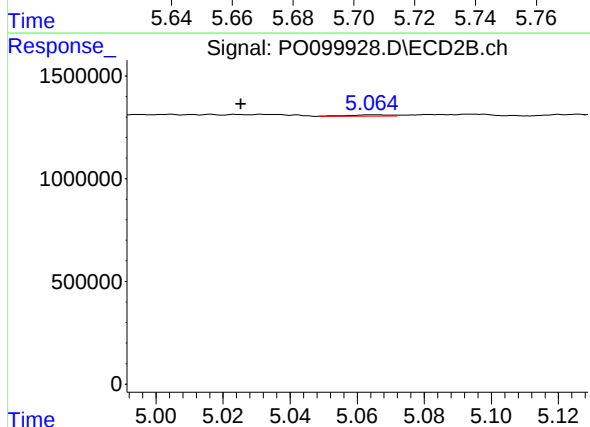
R.T.: 4.863 min
Delta R.T.: 0.017 min
Response: 57809
Conc: 3.25 ng/ml



#13 AR-1232-3

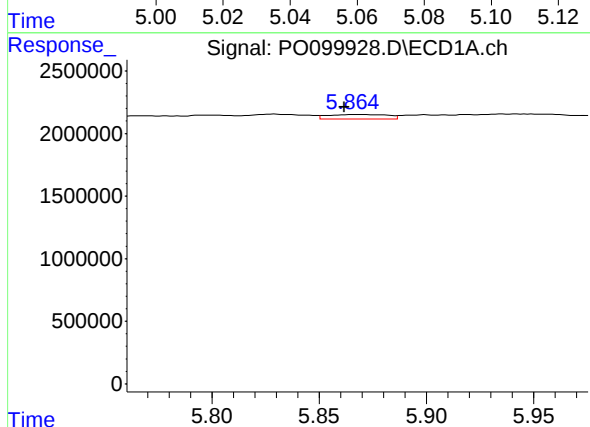
R.T.: 5.708 min
Delta R.T.: 0.009 min
Response: 316659
Conc: 10.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



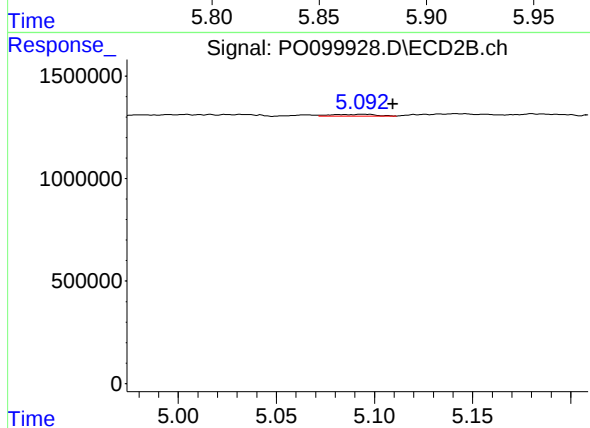
#13 AR-1232-3

R.T.: 5.065 min
Delta R.T.: 0.039 min
Response: 59857
Conc: 6.53 ng/ml



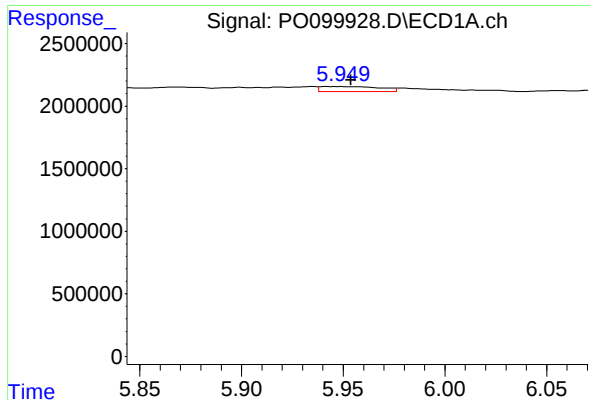
#14 AR-1232-4

R.T.: 5.866 min
Delta R.T.: 0.004 min
Response: 680237
Conc: 44.49 ng/ml



#14 AR-1232-4

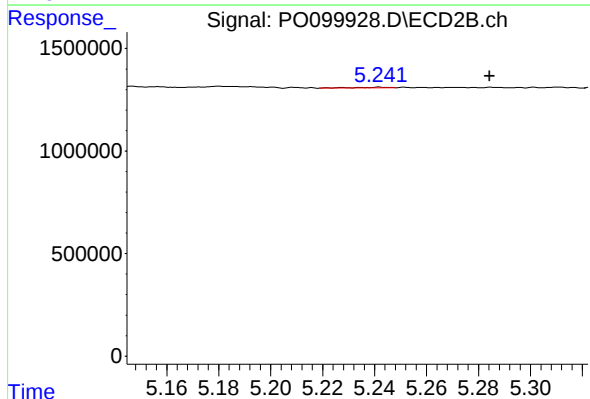
R.T.: 5.094 min
Delta R.T.: -0.015 min
Response: 147618
Conc: 17.31 ng/ml



#15 AR-1232-5

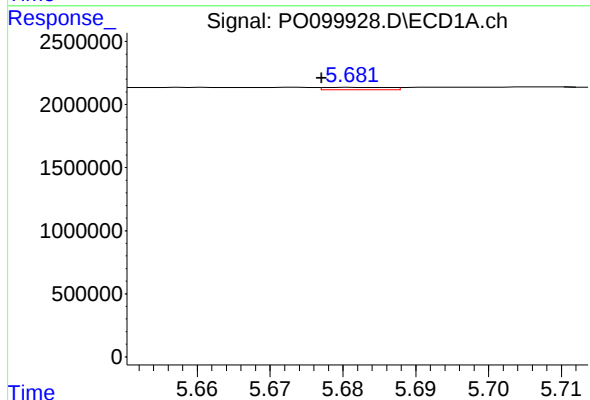
R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 815331
Conc: 63.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



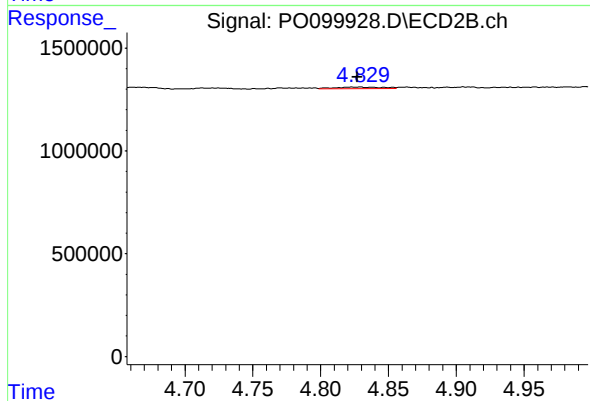
#15 AR-1232-5

R.T.: 5.242 min
Delta R.T.: -0.043 min
Response: 27065
Conc: 2.95 ng/ml



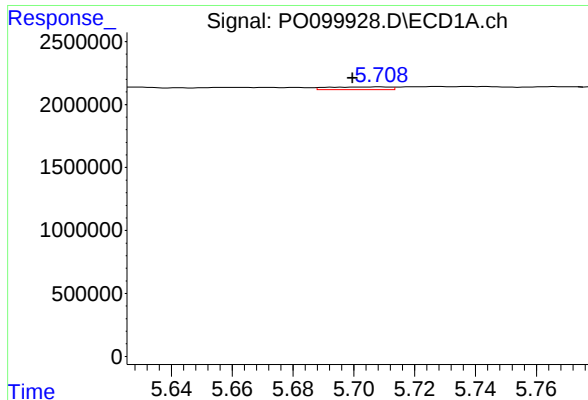
#16 AR-1242-1

R.T.: 5.682 min
Delta R.T.: 0.004 min
Response: 114883
Conc: 3.14 ng/ml



#16 AR-1242-1

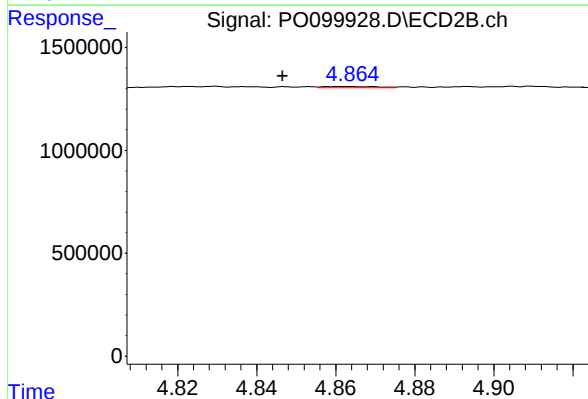
R.T.: 4.829 min
Delta R.T.: 0.002 min
Response: 179218
Conc: 7.80 ng/ml



#17 AR-1242-2

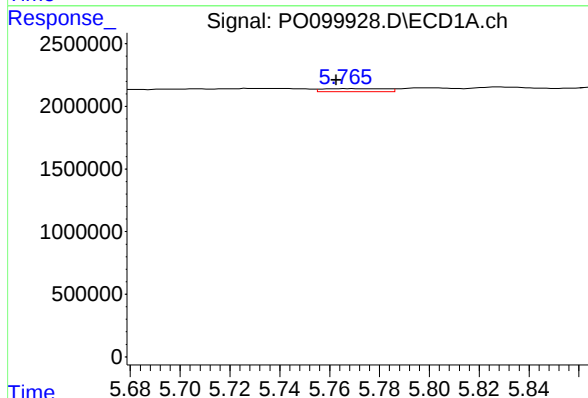
R.T.: 5.708 min
Delta R.T.: 0.009 min
Response: 316659
Conc: 5.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



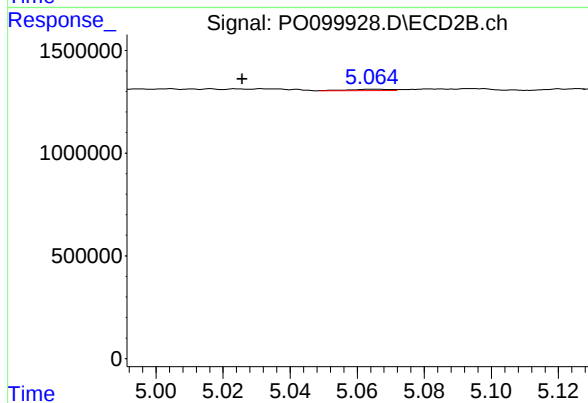
#17 AR-1242-2

R.T.: 4.863 min
Delta R.T.: 0.016 min
Response: 57809
Conc: 1.84 ng/ml



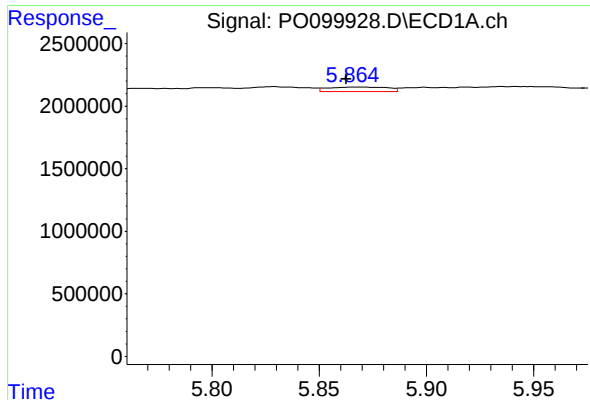
#18 AR-1242-3

R.T.: 5.766 min
Delta R.T.: 0.003 min
Response: 435568
Conc: 11.49 ng/ml



#18 AR-1242-3

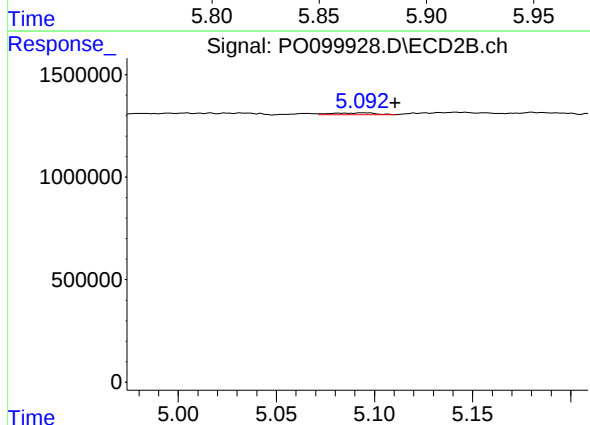
R.T.: 5.065 min
Delta R.T.: 0.039 min
Response: 59857
Conc: 3.58 ng/ml



#19 AR-1242-4

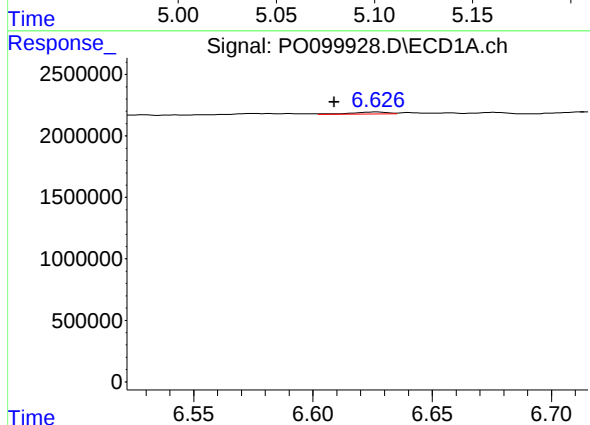
R.T.: 5.866 min
Delta R.T.: 0.003 min
Response: 680237
Conc: 23.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



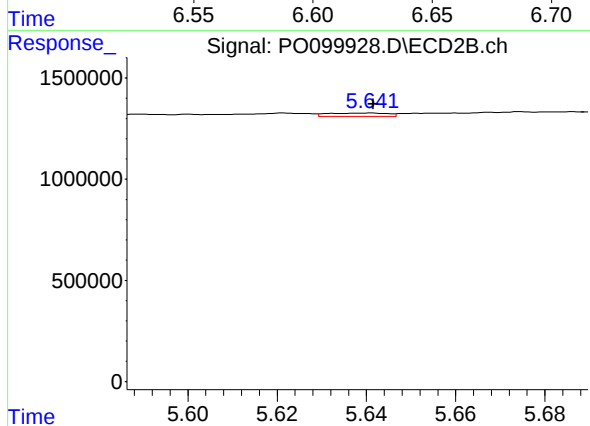
#19 AR-1242-4

R.T.: 5.094 min
Delta R.T.: -0.016 min
Response: 147618
Conc: 8.54 ng/ml



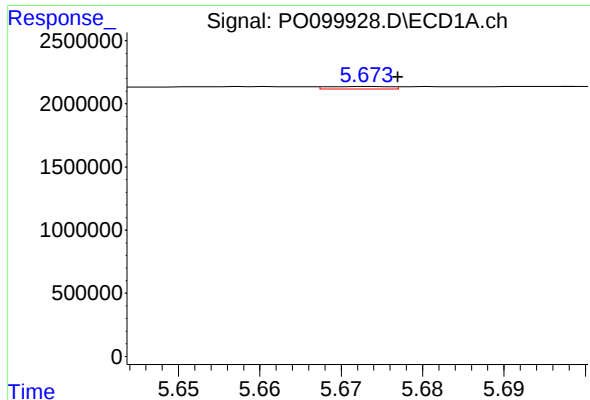
#20 AR-1242-5

R.T.: 6.627 min
Delta R.T.: 0.018 min
Response: 194614
Conc: 7.92 ng/ml



#20 AR-1242-5

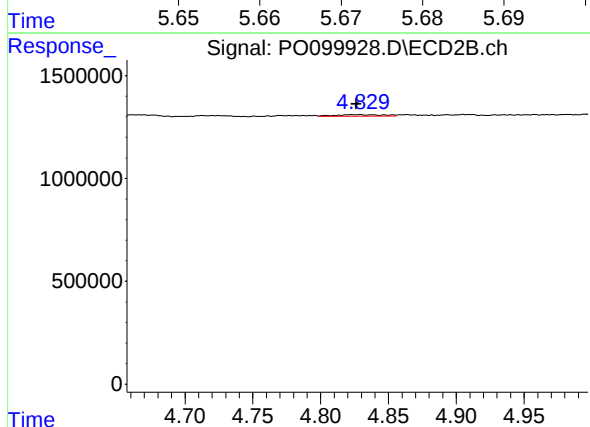
R.T.: 5.640 min
Delta R.T.: -0.002 min
Response: 153938
Conc: 7.74 ng/ml



#21 AR-1248-1

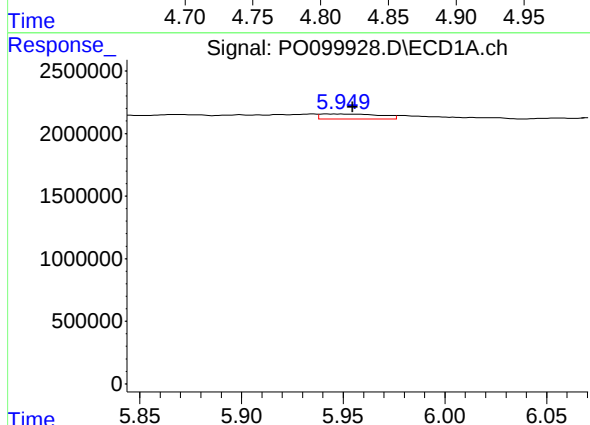
R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 103726
Conc: 3.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



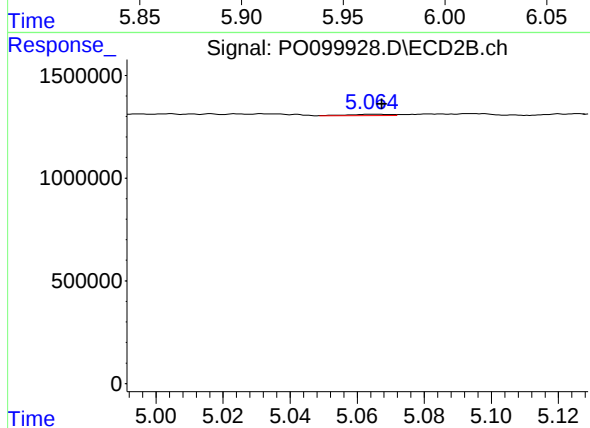
#21 AR-1248-1

R.T.: 4.829 min
Delta R.T.: 0.003 min
Response: 179218
Conc: 10.24 ng/ml



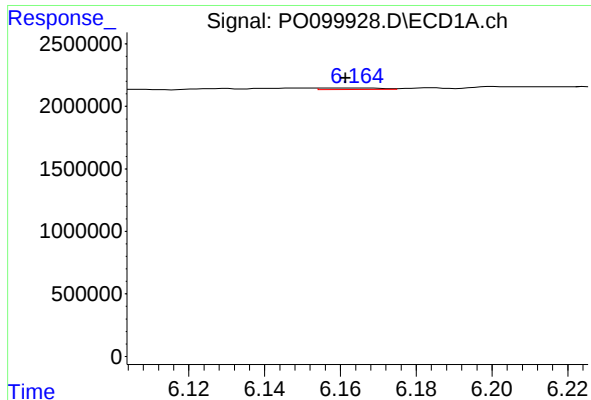
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: -0.005 min
Response: 815331
Conc: 19.19 ng/ml



#22 AR-1248-2

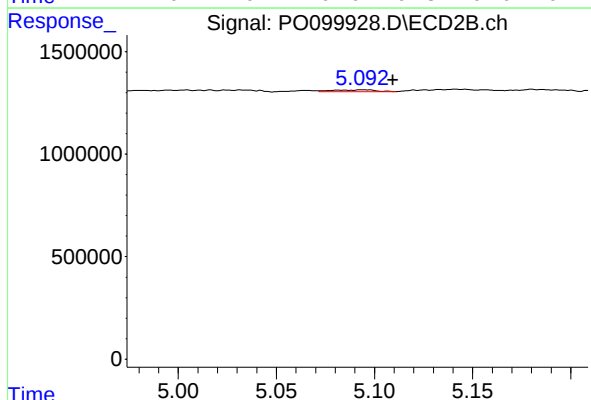
R.T.: 5.065 min
Delta R.T.: -0.003 min
Response: 59857
Conc: 2.49 ng/ml



#23 AR-1248-3

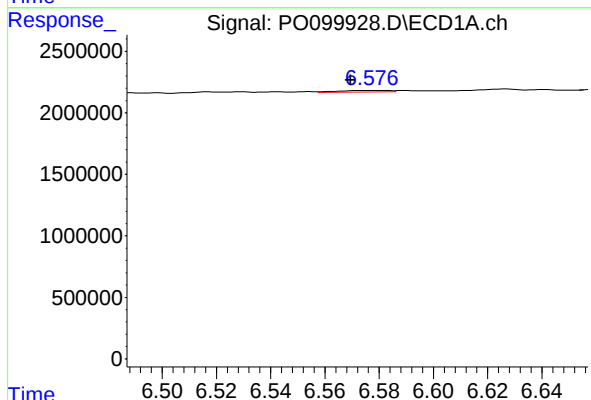
R.T.: 6.165 min
Delta R.T.: 0.004 min
Response: 133563
Conc: 2.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



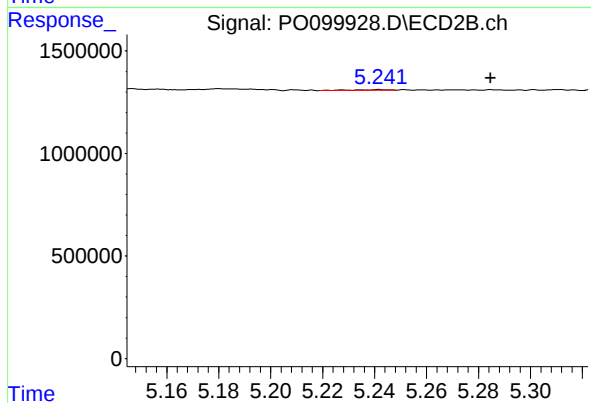
#23 AR-1248-3

R.T.: 5.094 min
Delta R.T.: -0.015 min
Response: 147618
Conc: 5.98 ng/ml



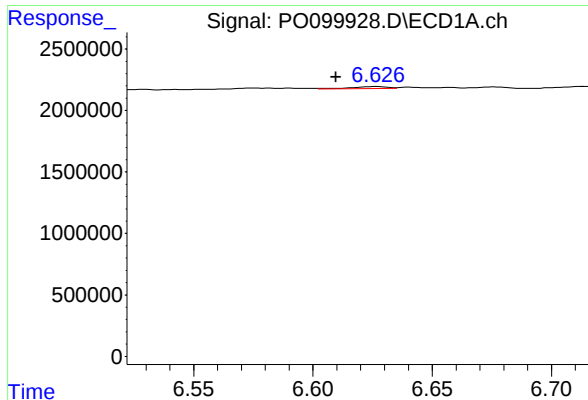
#24 AR-1248-4

R.T.: 6.576 min
Delta R.T.: 0.006 min
Response: 162542
Conc: 3.92 ng/ml



#24 AR-1248-4

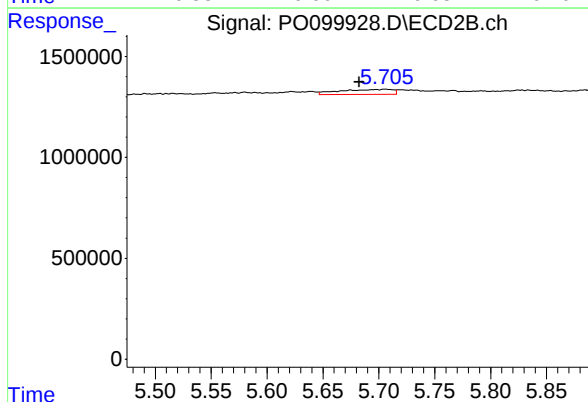
R.T.: 5.242 min
Delta R.T.: -0.043 min
Response: 27065
Conc: 0.96 ng/ml



#25 AR-1248-5

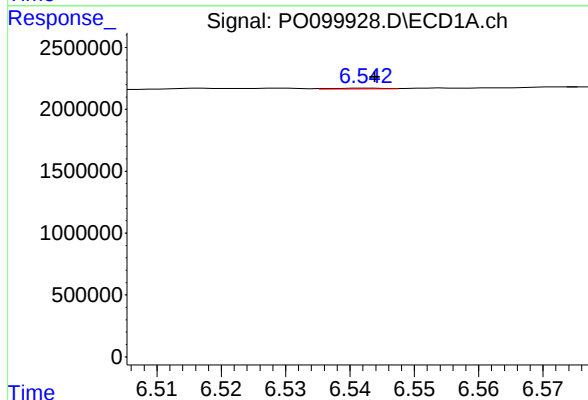
R.T.: 6.627 min
Delta R.T.: 0.017 min
Response: 194614
Conc: 4.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



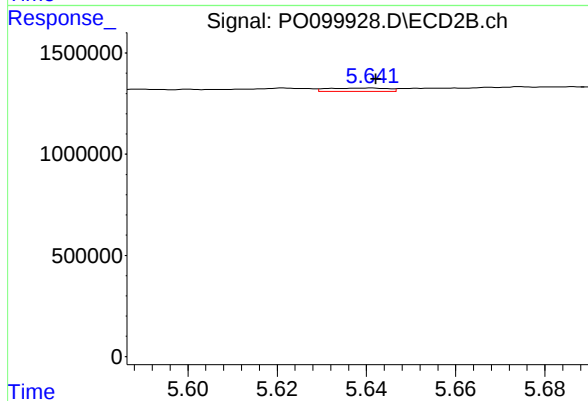
#25 AR-1248-5

R.T.: 5.705 min
Delta R.T.: 0.023 min
Response: 823643
Conc: 32.41 ng/ml



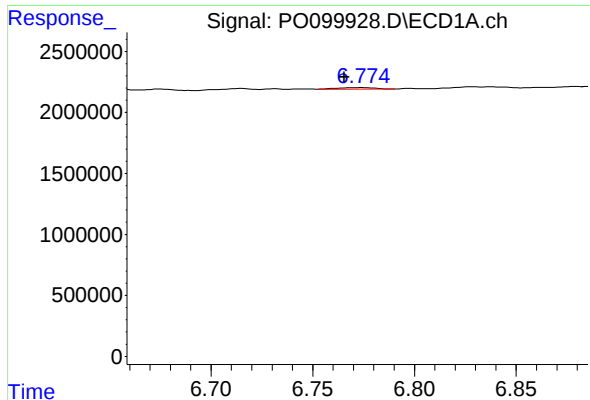
#26 AR-1254-1

R.T.: 6.543 min
Delta R.T.: -0.001 min
Response: 36845
Conc: 0.76 ng/ml



#26 AR-1254-1

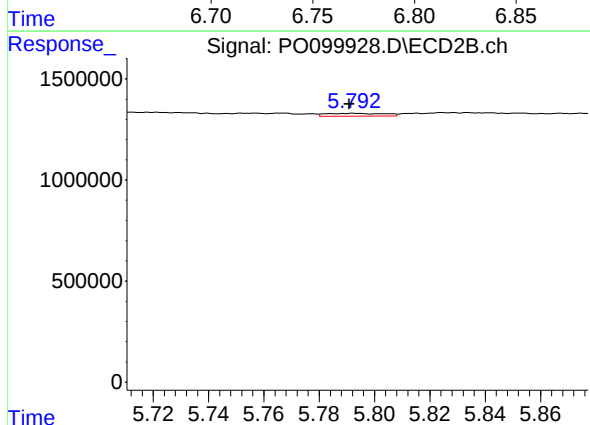
R.T.: 5.640 min
Delta R.T.: -0.002 min
Response: 153938
Conc: 3.72 ng/ml



#27 AR-1254-2

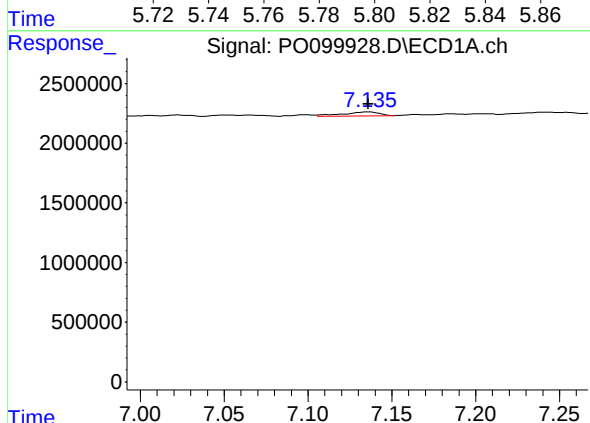
R.T.: 6.774 min
Delta R.T.: 0.008 min
Response: 169702
Conc: 2.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



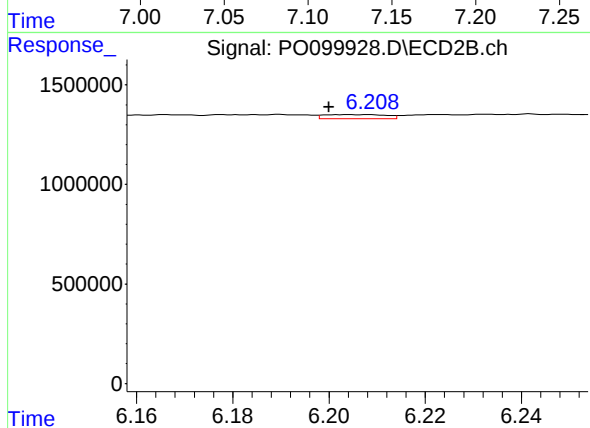
#27 AR-1254-2

R.T.: 5.792 min
Delta R.T.: 0.001 min
Response: 207621
Conc: 5.47 ng/ml



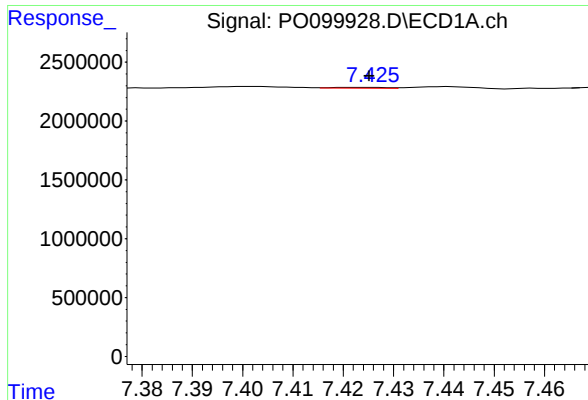
#28 AR-1254-3

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 498148
Conc: 7.34 ng/ml



#28 AR-1254-3

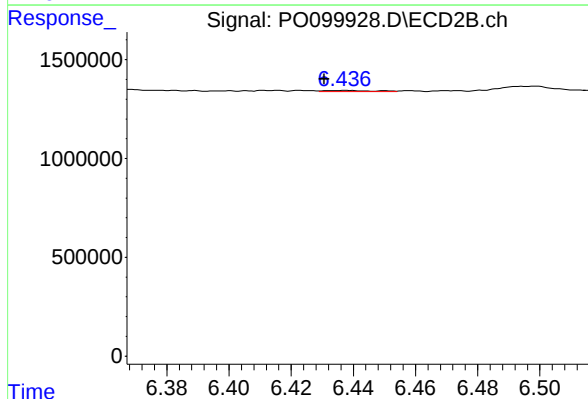
R.T.: 6.208 min
Delta R.T.: 0.008 min
Response: 183875
Conc: 2.84 ng/ml



#29 AR-1254-4

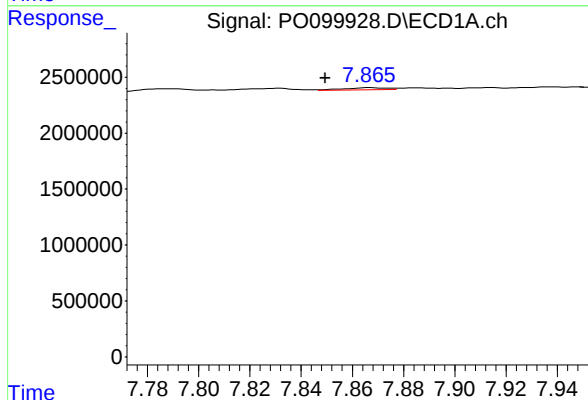
R.T.: 7.426 min
Delta R.T.: 0.000 min
Response: 53002
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



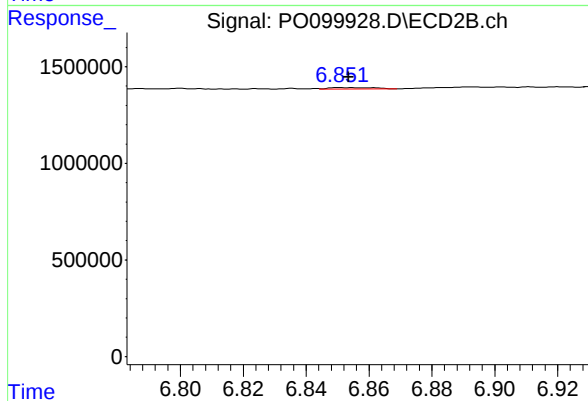
#29 AR-1254-4

R.T.: 6.438 min
Delta R.T.: 0.007 min
Response: 63038
Conc: 1.84 ng/ml



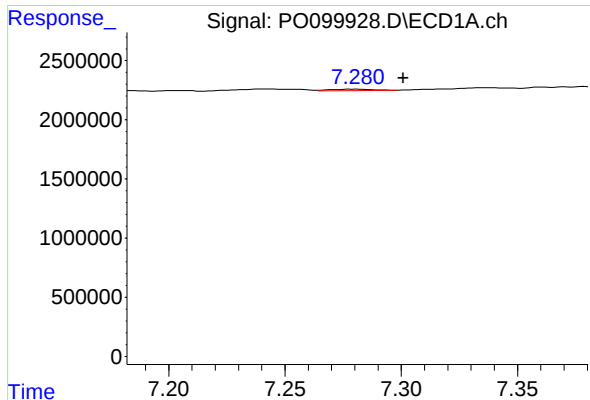
#30 AR-1254-5

R.T.: 7.867 min
Delta R.T.: 0.017 min
Response: 215653
Conc: 4.39 ng/ml



#30 AR-1254-5

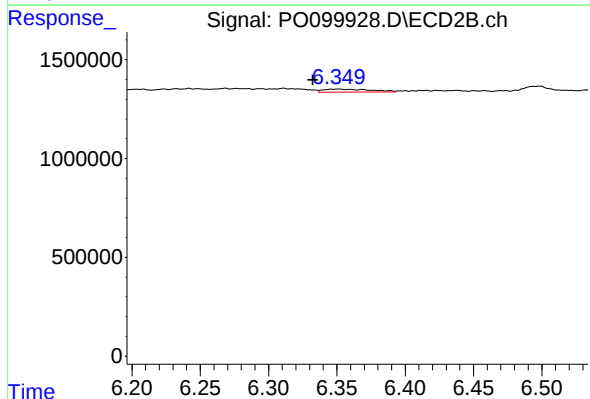
R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 82125
Conc: 1.34 ng/ml



#31 AR-1260-1

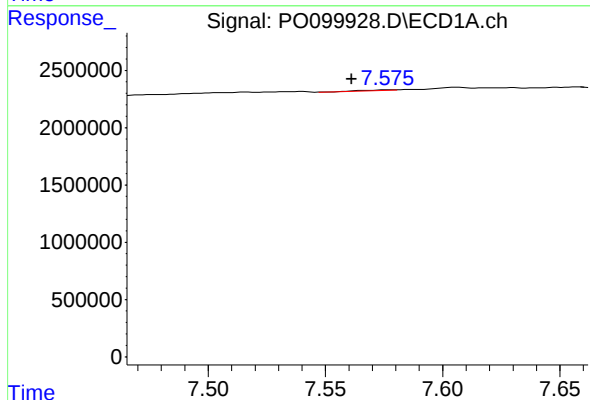
R.T.: 7.279 min
Delta R.T.: -0.021 min
Response: 140881
Conc: 2.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



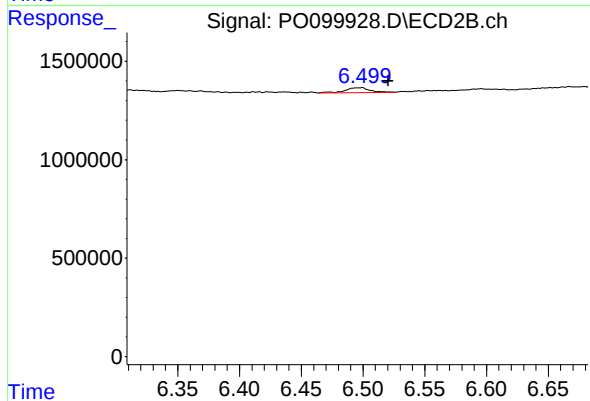
#31 AR-1260-1

R.T.: 6.351 min
Delta R.T.: 0.019 min
Response: 379337
Conc: 7.88 ng/ml



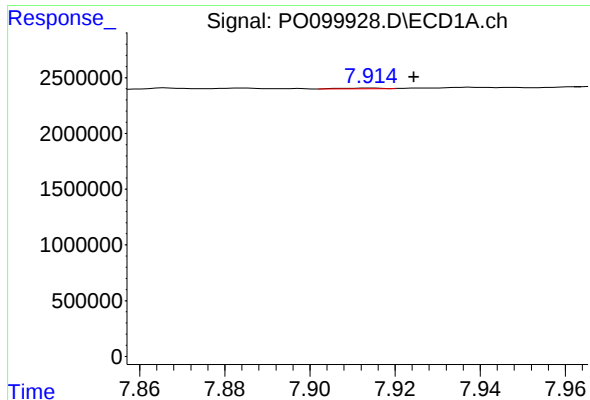
#32 AR-1260-2

R.T.: 7.576 min
Delta R.T.: 0.015 min
Response: 57522
Conc: 0.95 ng/ml



#32 AR-1260-2

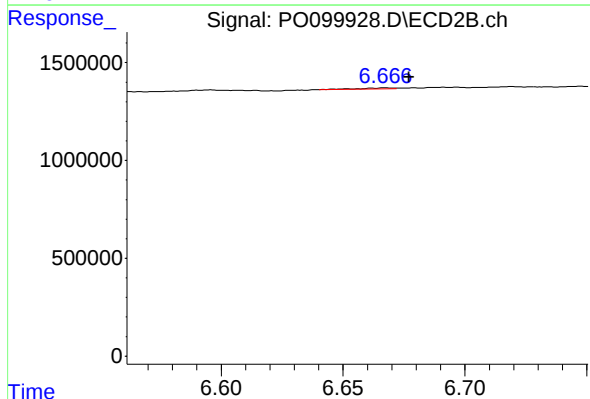
R.T.: 6.498 min
Delta R.T.: -0.022 min
Response: 341056
Conc: 6.01 ng/ml



#33 AR-1260-3

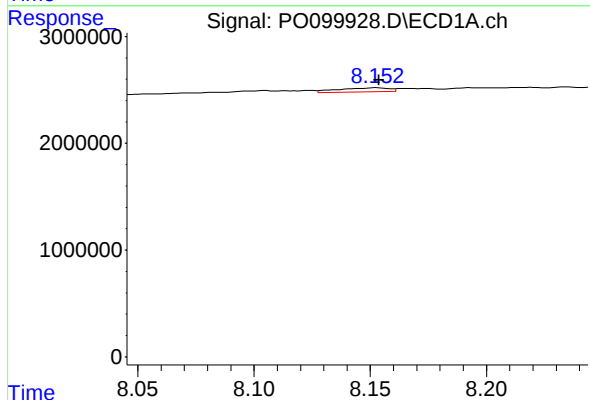
R.T.: 7.914 min
Delta R.T.: -0.010 min
Response: 54775
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



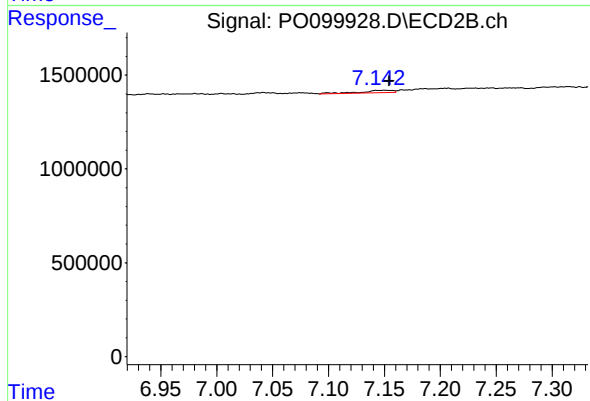
#33 AR-1260-3

R.T.: 6.667 min
Delta R.T.: -0.010 min
Response: 44214
Conc: 0.80 ng/ml



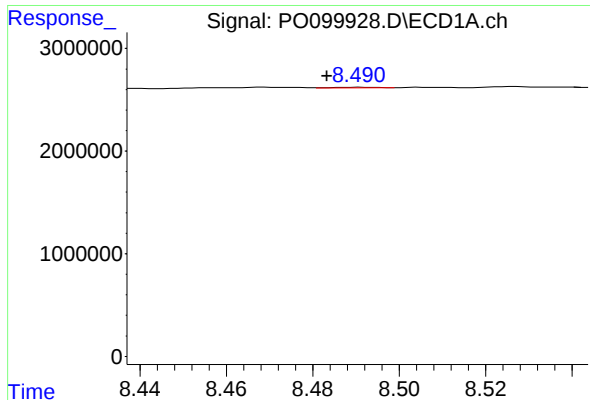
#34 AR-1260-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 569927
Conc: 11.57 ng/ml



#34 AR-1260-4

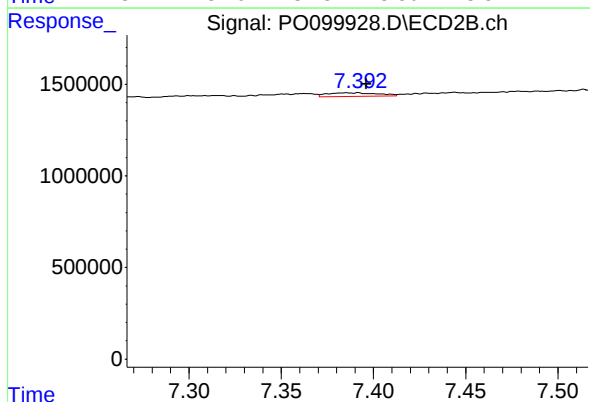
R.T.: 7.150 min
Delta R.T.: -0.004 min
Response: 263725
Conc: 5.98 ng/ml



#35 AR-1260-5

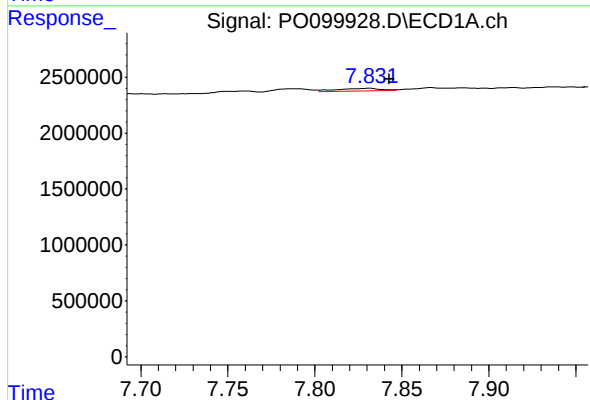
R.T.: 8.491 min
Delta R.T.: 0.007 min
Response: 35977
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



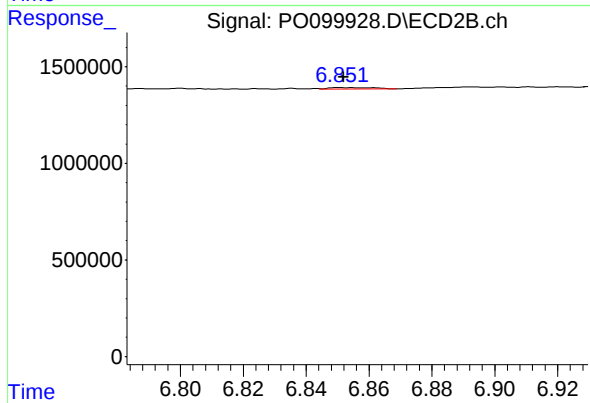
#35 AR-1260-5

R.T.: 7.392 min
Delta R.T.: -0.005 min
Response: 365350
Conc: 3.68 ng/ml



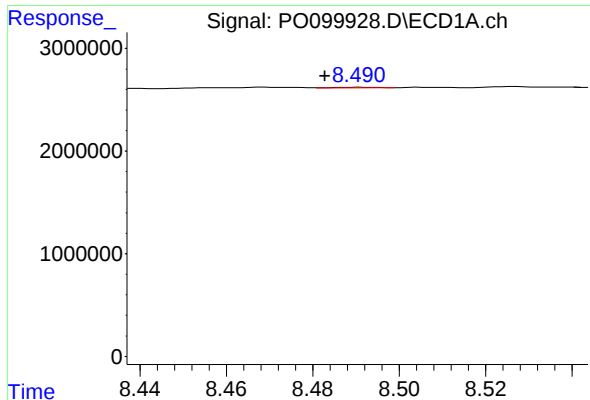
#36 AR-1262-1

R.T.: 7.832 min
Delta R.T.: -0.011 min
Response: 391883
Conc: 8.75 ng/ml



#36 AR-1262-1

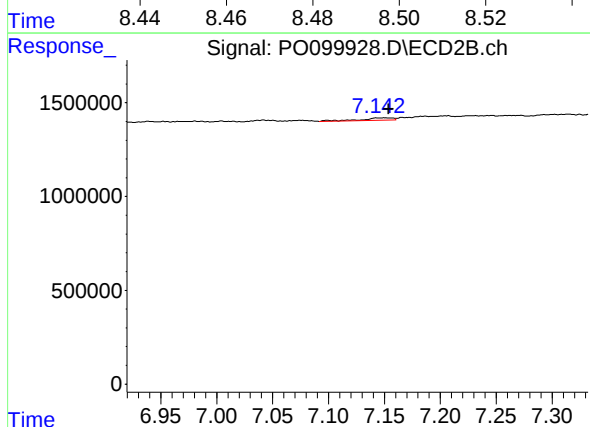
R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 82125
Conc: 2.52 ng/ml



#37 AR-1262-2

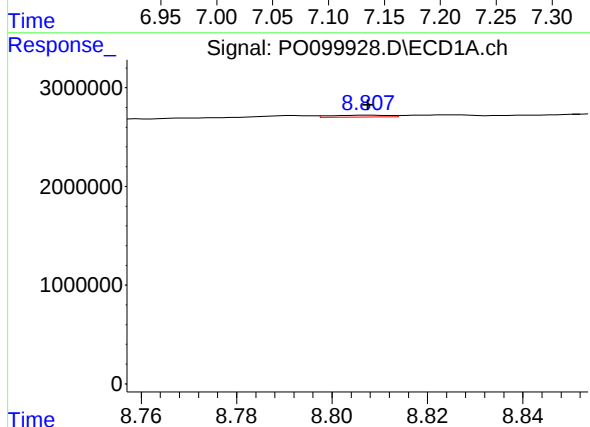
R.T.: 8.491 min
Delta R.T.: 0.008 min
Response: 35977
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



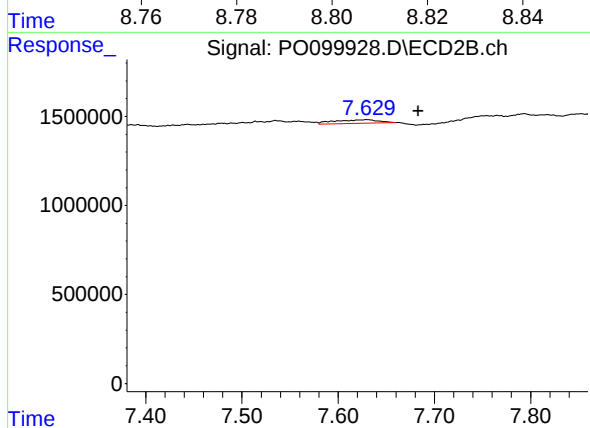
#37 AR-1262-2

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 263725
Conc: 4.03 ng/ml



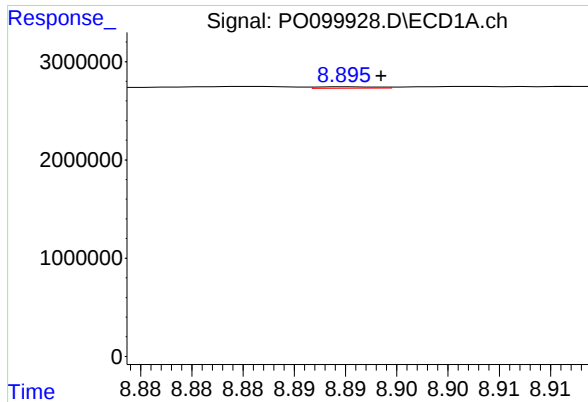
#38 AR-1262-3

R.T.: 8.808 min
Delta R.T.: 0.000 min
Response: 166008
Conc: 2.26 ng/ml



#38 AR-1262-3

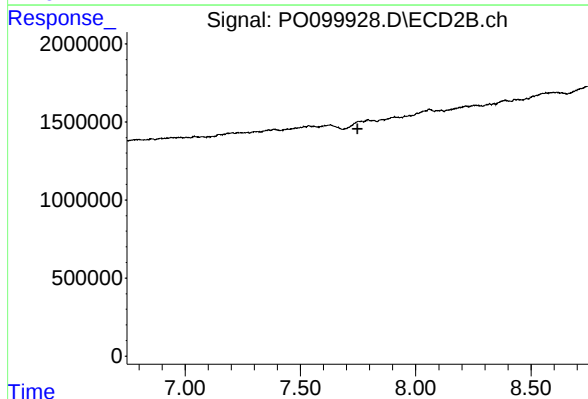
R.T.: 7.630 min
Delta R.T.: -0.053 min
Response: 678926
Conc: 13.21 ng/ml



#39 AR-1262-4

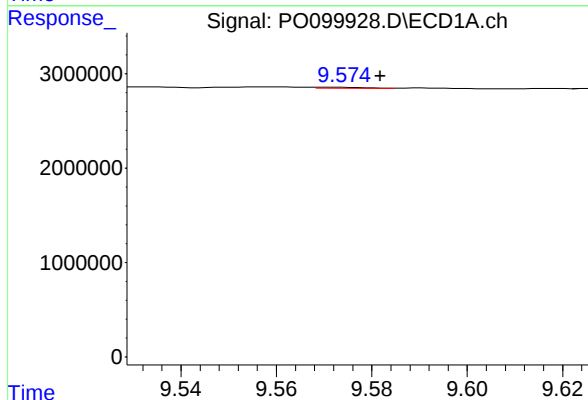
R.T.: 8.895 min
Delta R.T.: -0.003 min
Response: 63630
Conc: 1.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



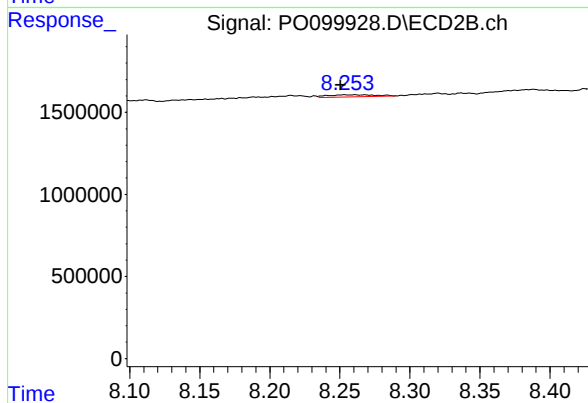
#39 AR-1262-4

R.T.: 7.754 min
Delta R.T.: 0.007 min
Response: -402211
Conc: N.D.



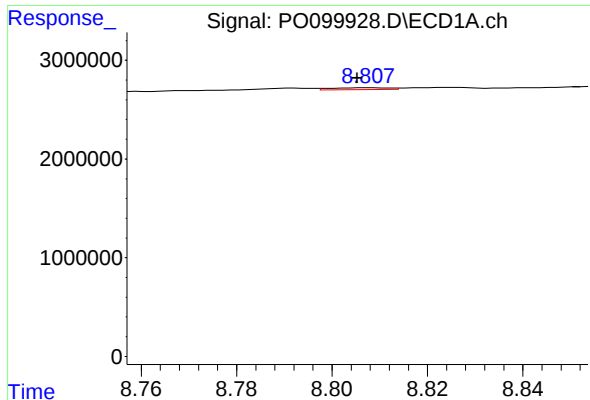
#40 AR-1262-5

R.T.: 9.573 min
Delta R.T.: -0.009 min
Response: 70460
Conc: 2.15 ng/ml



#40 AR-1262-5

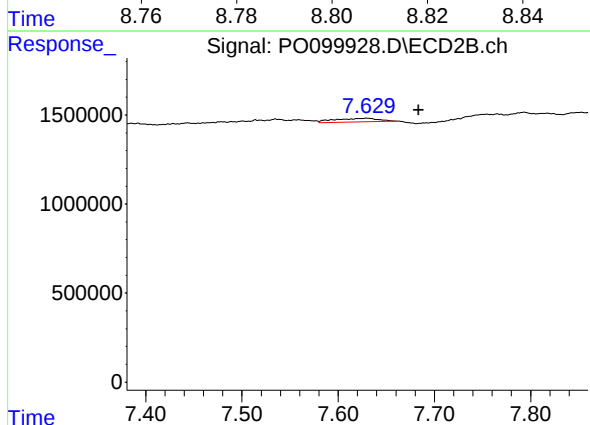
R.T.: 8.254 min
Delta R.T.: 0.003 min
Response: 298944
Conc: 7.67 ng/ml



#41 AR-1268-1

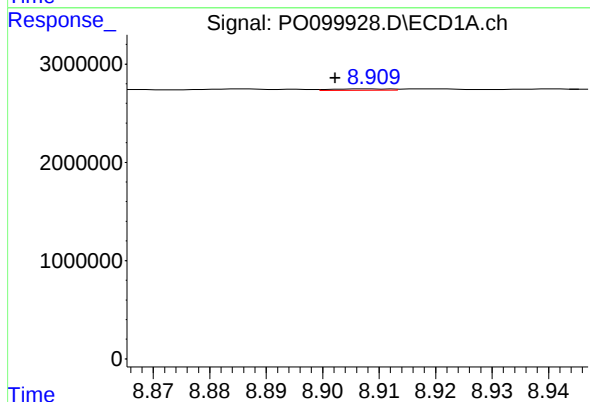
R.T.: 8.808 min
Delta R.T.: 0.002 min
Response: 166008
Conc: 1.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



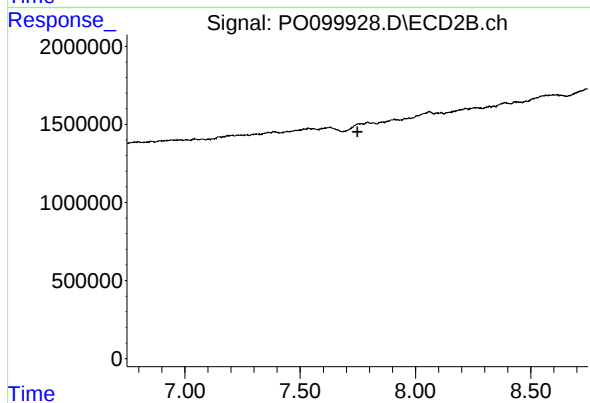
#41 AR-1268-1

R.T.: 7.630 min
Delta R.T.: -0.053 min
Response: 678926
Conc: 4.75 ng/ml



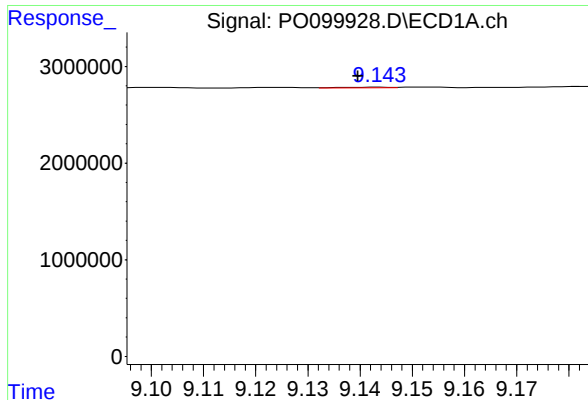
#42 AR-1268-2

R.T.: 8.909 min
Delta R.T.: 0.007 min
Response: 108210
Conc: 0.94 ng/ml



#42 AR-1268-2

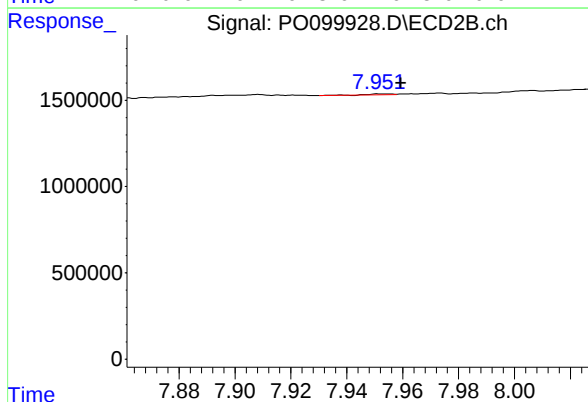
R.T.: 7.754 min
Delta R.T.: 0.006 min
Response: -402211
Conc: N.D.



#43 AR-1268-3

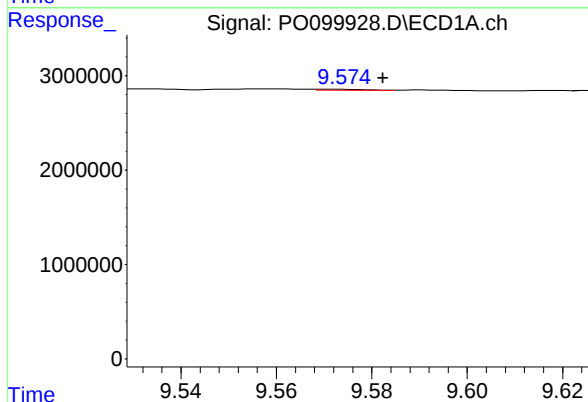
R.T.: 9.144 min
Delta R.T.: 0.004 min
Response: 42574
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



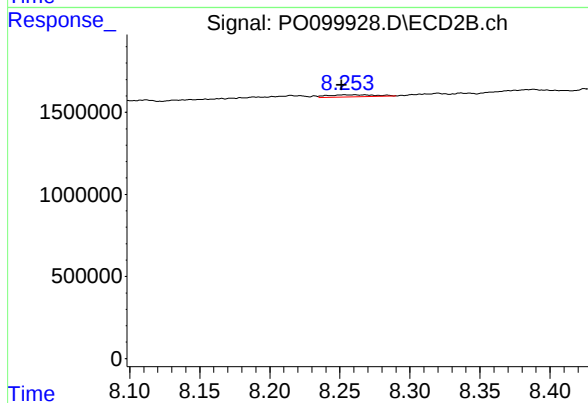
#43 AR-1268-3

R.T.: 7.952 min
Delta R.T.: -0.007 min
Response: 27851
Conc: 0.23 ng/ml



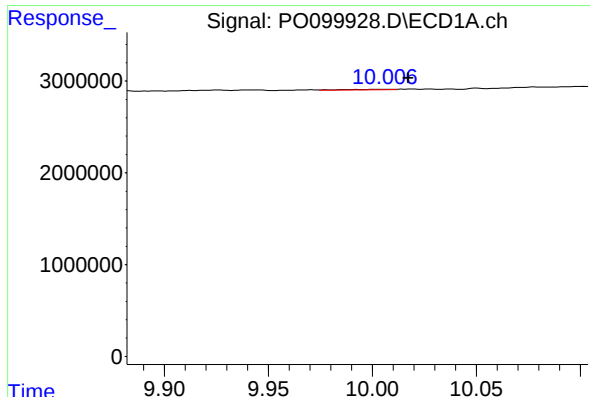
#44 AR-1268-4

R.T.: 9.573 min
Delta R.T.: -0.010 min
Response: 70460
Conc: 2.02 ng/ml



#44 AR-1268-4

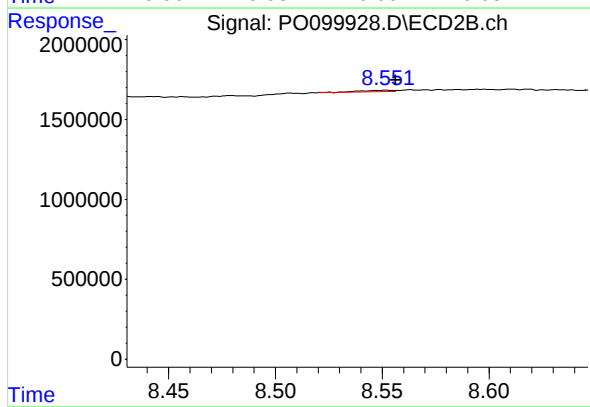
R.T.: 8.254 min
Delta R.T.: 0.002 min
Response: 298944
Conc: 6.93 ng/ml



#45 AR-1268-5

R.T.: 10.008 min
Delta R.T.: -0.010 min
Response: 97464
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.552 min
Delta R.T.: -0.005 min
Response: 92608
Conc: 0.27 ng/ml