

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
 Data File : P0099581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 14:03
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 22:29:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0110923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 10 11:13:12 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...	4.494	3.723	35578446	25052798	20.667	20.665
2) SA Decachlor...	10.380	8.839	12567298	15432271	19.688	21.010
Target Compounds						
3) L1 AR-1016-1	5.682	4.833	43714	281774	1.125	10.479 #
4) L1 AR-1016-2	5.698	4.869	59087	49434	0.923	1.356 #
5) L1 AR-1016-3	5.765	5.036	43006	62585	0.992	3.123 #
6) L1 AR-1016-4	5.864	5.088	12561	168955	0.404	10.167 #
7) L1 AR-1016-5	6.173	5.287	34832	119893	1.145	5.804 #
8) L2 AR-1221-1	4.711	3.956	34704	165786	1.822	11.316 #
9) L2 AR-1221-2	4.805	4.029	832759	291872	59.117	31.869 #
10) L2 AR-1221-3	4.871	4.073f	57728	302557	1.392	9.776 #
11) L3 AR-1232-1	4.871	4.073f	57728	302557	1.714	11.704 #
12) L3 AR-1232-2	5.408	4.869	7009	49434	0.420	2.854 #
13) L3 AR-1232-3	5.698	5.036	59087	62585	2.083	7.126 #
14) L3 AR-1232-4	5.864	5.132	12561	174223	0.931	21.480 #
15) L3 AR-1232-5	5.960	5.287	155951	119893	13.602	14.016
16) L4 AR-1242-1	5.682	4.833	43714	281774	1.394	12.734 #
17) L4 AR-1242-2	5.698	4.869	59087	49434	1.145	1.660 #
18) L4 AR-1242-3	5.765	5.036	43006	62585	1.234	3.793 #
19) L4 AR-1242-4	5.864	5.132	12561	174223	0.497	10.341 #
20) L4 AR-1242-5	6.608	5.642	81298	20279	3.974	1.162 #
21) L5 AR-1248-1	5.682	4.833	43714	281774	1.851	16.322 #
22) L5 AR-1248-2	5.960	5.088	155951	168955	4.011	7.177 #
23) L5 AR-1248-3	6.158	5.132	15946	174223	0.384	7.033 #
24) L5 AR-1248-4	6.577	5.287	44509	119893	1.159	4.349 #
25) L5 AR-1248-5	6.608	5.671	81298	209024	2.144	9.160 #
26) L6 AR-1254-1	6.564	5.642	264204	20279	5.871	0.557 #
27) L6 AR-1254-2	6.777	5.792	85141	30063	1.350	0.925 #
28) L6 AR-1254-3	7.142	6.210	322465	216696	5.536	3.996 #
29) L6 AR-1254-4	7.421	6.402	263833	42270	7.741	1.501 #
30) L6 AR-1254-5	7.837	6.879	76964	188157	1.967	3.862 #
31) L7 AR-1260-1	7.289	6.330	21302	458883	0.429	10.640 #
32) L7 AR-1260-2	7.583	6.511	364035	480134	7.127	10.247 #
33) L7 AR-1260-3	7.926	6.694	64821	35521	1.808	0.778 #
34) L7 AR-1260-4	8.125	7.217f	55910	169138	1.416	4.603 #
35) L7 AR-1260-5	8.497	7.398	36450	55258	0.608	0.758
36) L8 AR-1262-1	7.837	6.879	76964	188157	2.437	7.655 #
37) L8 AR-1262-2	8.497	7.217f	36450	169138	0.493	3.412 #
38) L8 AR-1262-3	8.810	7.688	56480	79876	1.100	2.160 #
39) L8 AR-1262-4	8.902	7.755	63928	203346	1.644	3.166 #
40) L8 AR-1262-5	9.591	8.238	59971	19752	2.822	0.719 #
41) L9 AR-1268-1	8.810	7.688	56480	79876	0.561	0.727 #

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 Quant Time: Nov 10 22:29:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0110923.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

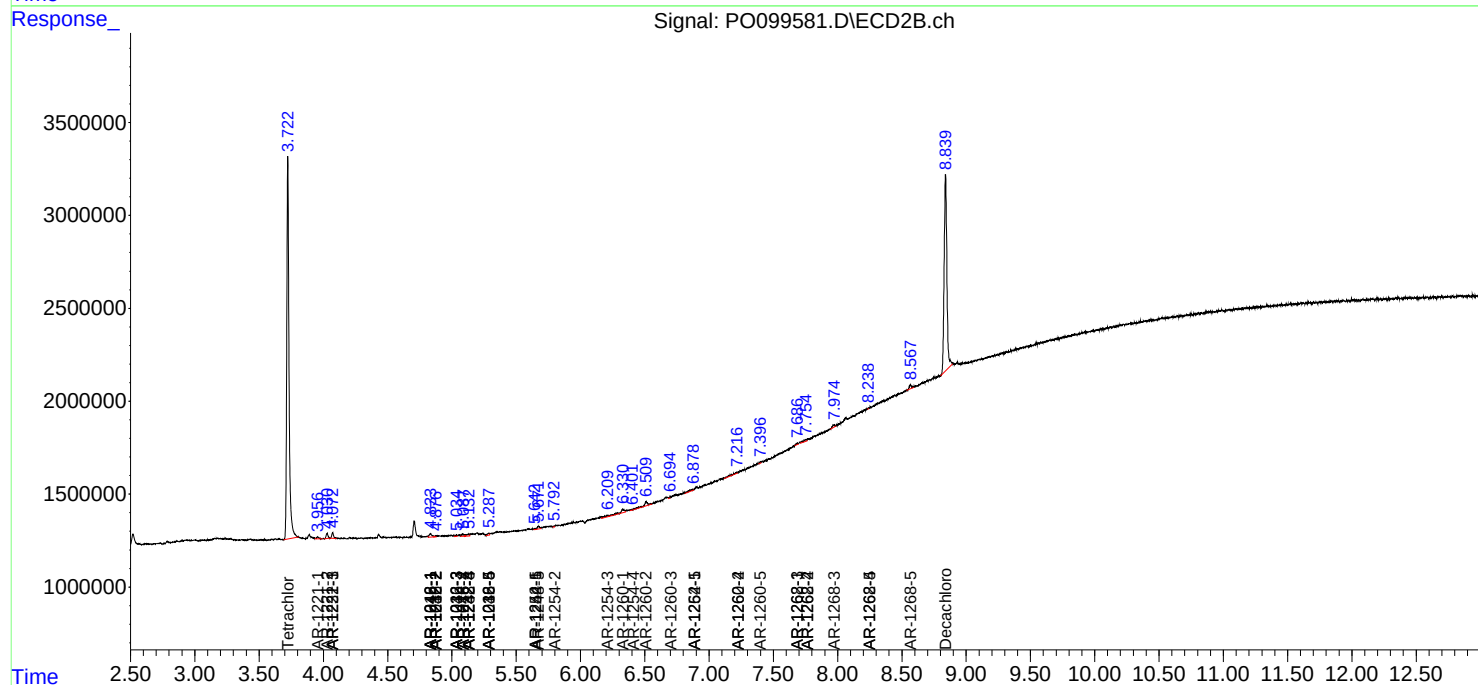
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

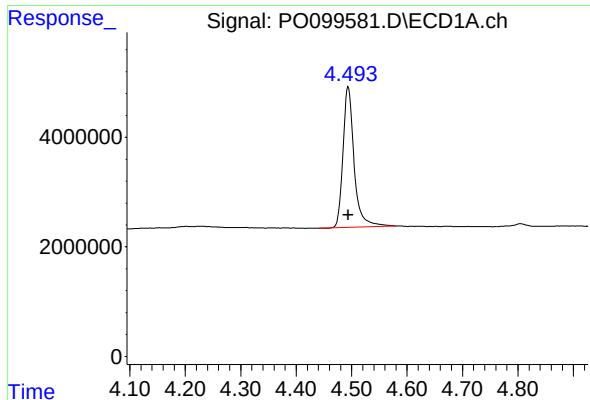
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.902	7.755	63928	203346	0.754	2.062 #
43) L9	AR-1268-3	9.152	7.974	147617	147821	1.731	1.561
44) L9	AR-1268-4	9.591	8.238	59971	19752	2.467	0.659 #
45) L9	AR-1268-5	10.019	8.566	278996	262911	1.313	1.045

(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

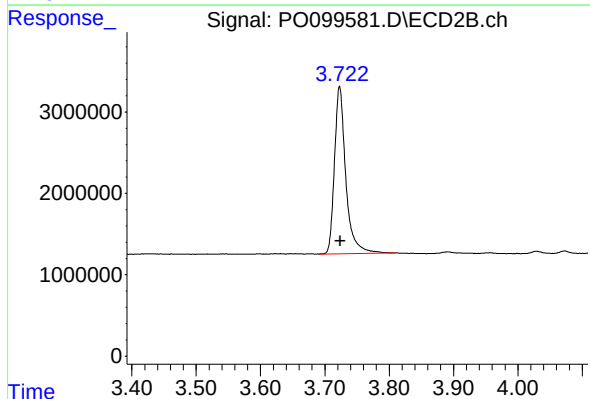




#1 Tetrachloro-m-xylene

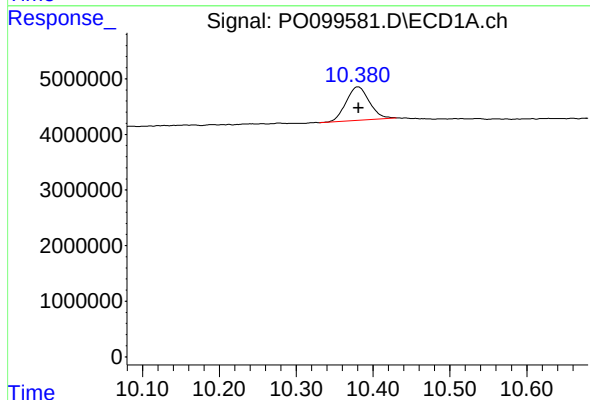
R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 35578446
Conc: 20.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



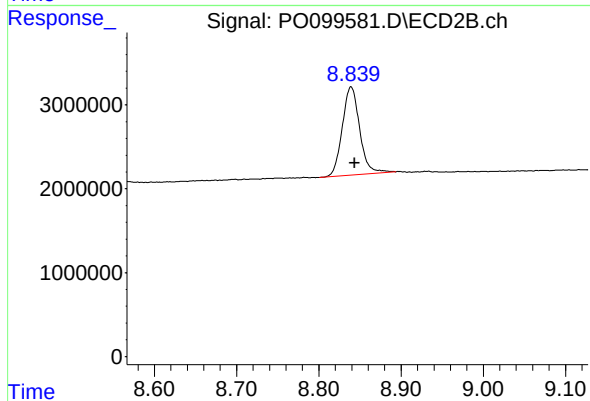
#1 Tetrachloro-m-xylene

R.T.: 3.723 min
Delta R.T.: -0.001 min
Response: 25052798
Conc: 20.66 ng/ml



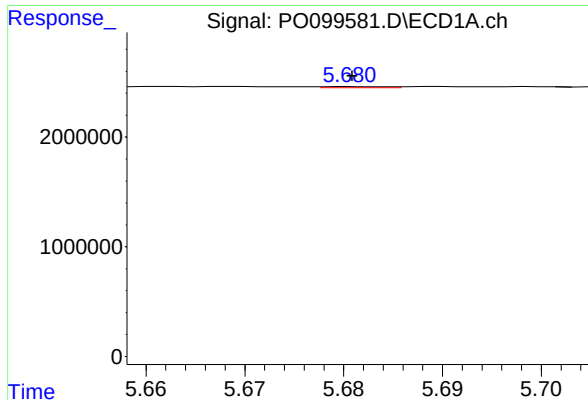
#2 Decachlorobiphenyl

R.T.: 10.380 min
Delta R.T.: -0.001 min
Response: 12567298
Conc: 19.69 ng/ml



#2 Decachlorobiphenyl

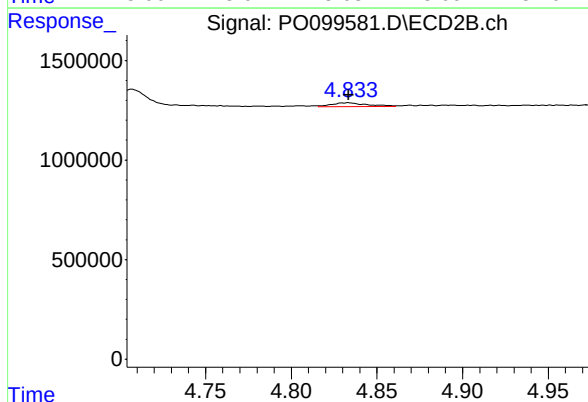
R.T.: 8.839 min
Delta R.T.: -0.004 min
Response: 15432271
Conc: 21.01 ng/ml



#3 AR-1016-1

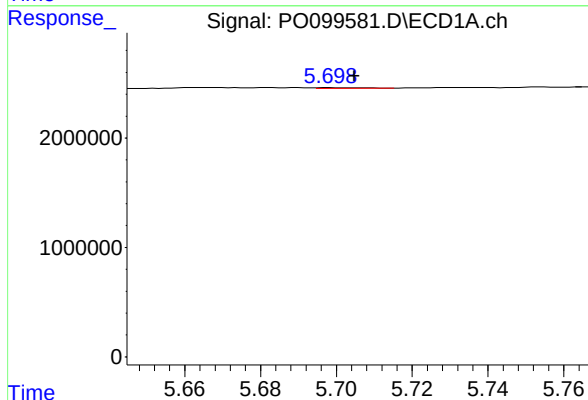
R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 43714
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



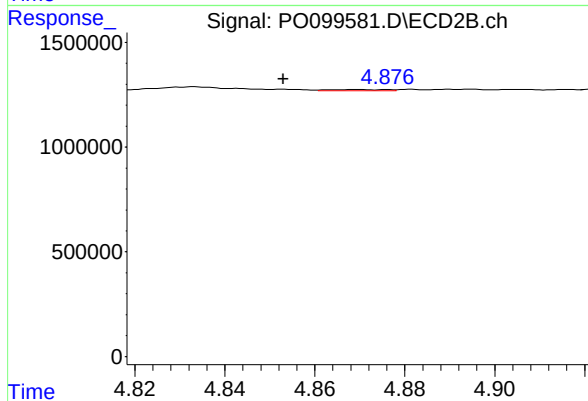
#3 AR-1016-1

R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 281774
Conc: 10.48 ng/ml



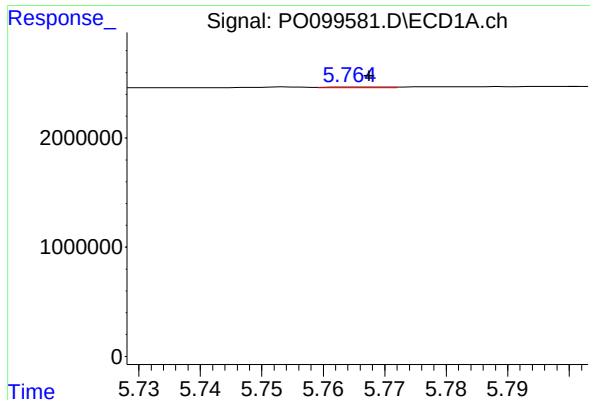
#4 AR-1016-2

R.T.: 5.698 min
Delta R.T.: -0.006 min
Response: 59087
Conc: 0.92 ng/ml



#4 AR-1016-2

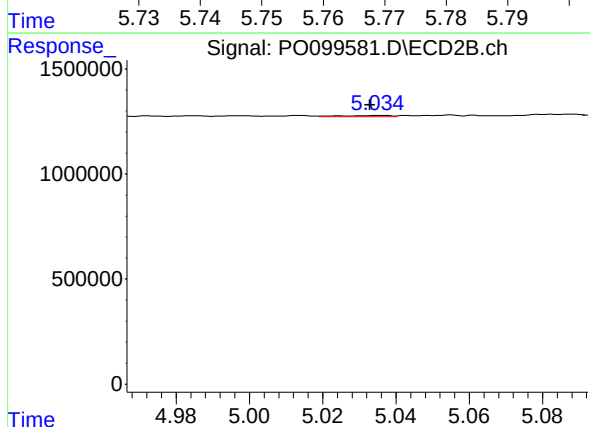
R.T.: 4.869 min
Delta R.T.: 0.016 min
Response: 49434
Conc: 1.36 ng/ml



#5 AR-1016-3

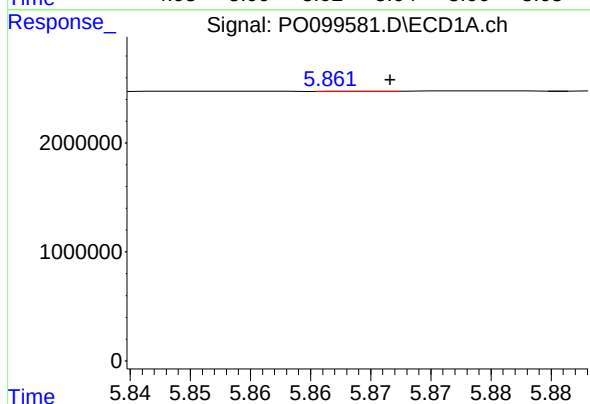
R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 43006
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



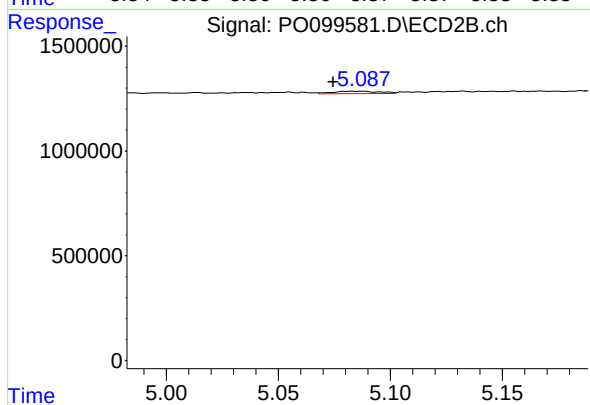
#5 AR-1016-3

R.T.: 5.036 min
Delta R.T.: 0.003 min
Response: 62585
Conc: 3.12 ng/ml



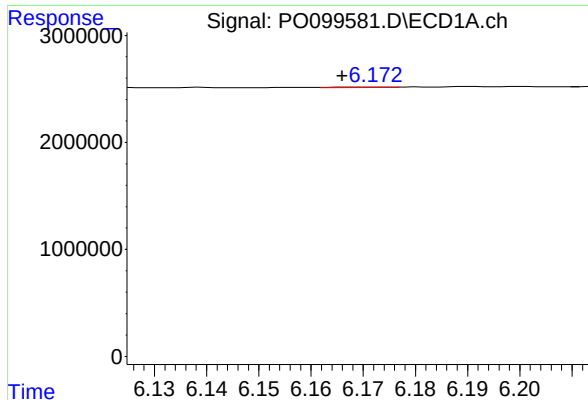
#6 AR-1016-4

R.T.: 5.864 min
Delta R.T.: -0.003 min
Response: 12561
Conc: 0.40 ng/ml



#6 AR-1016-4

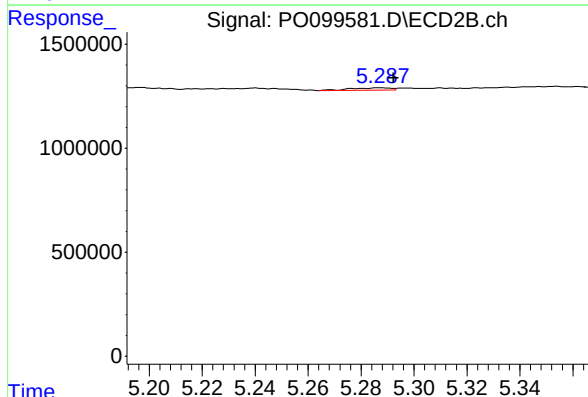
R.T.: 5.088 min
Delta R.T.: 0.013 min
Response: 168955
Conc: 10.17 ng/ml



#7 AR-1016-5

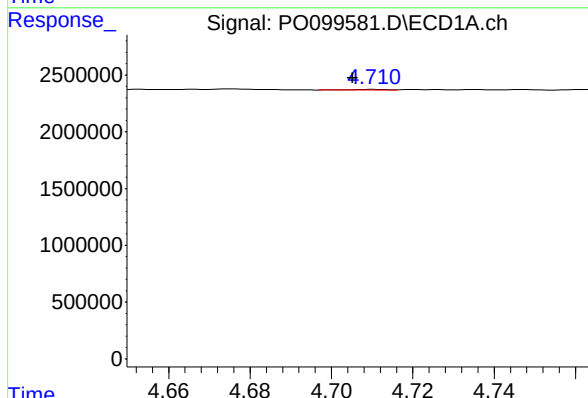
R.T.: 6.173 min
Delta R.T.: 0.007 min
Response: 34832
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



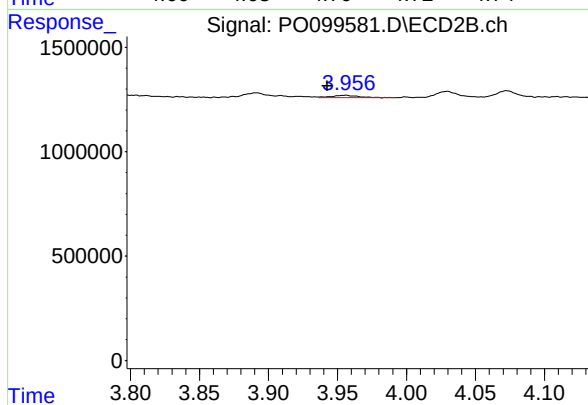
#7 AR-1016-5

R.T.: 5.287 min
Delta R.T.: -0.005 min
Response: 119893
Conc: 5.80 ng/ml



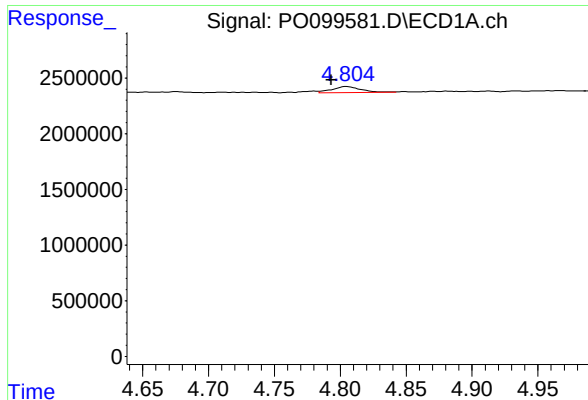
#8 AR-1221-1

R.T.: 4.711 min
Delta R.T.: 0.005 min
Response: 34704
Conc: 1.82 ng/ml



#8 AR-1221-1

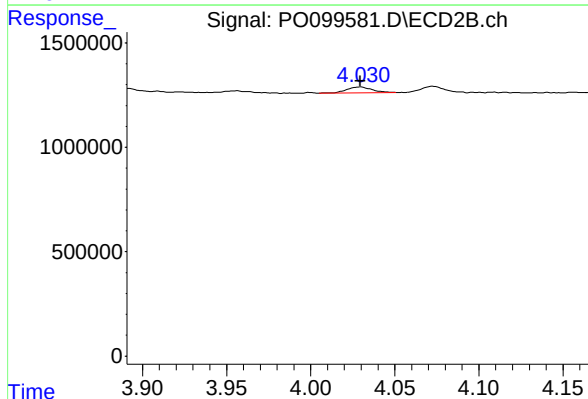
R.T.: 3.956 min
Delta R.T.: 0.013 min
Response: 165786
Conc: 11.32 ng/ml



#9 AR-1221-2

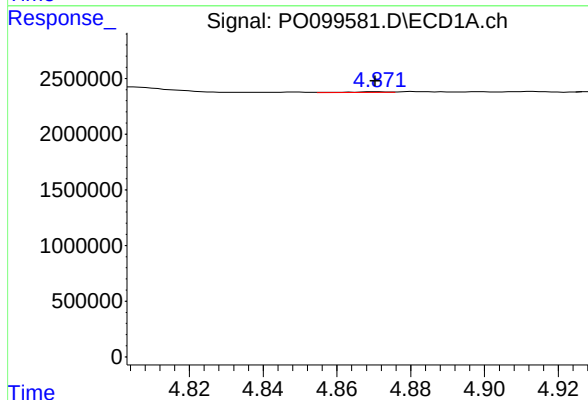
R.T.: 4.805 min
Delta R.T.: 0.012 min
Response: 832759
Conc: 59.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



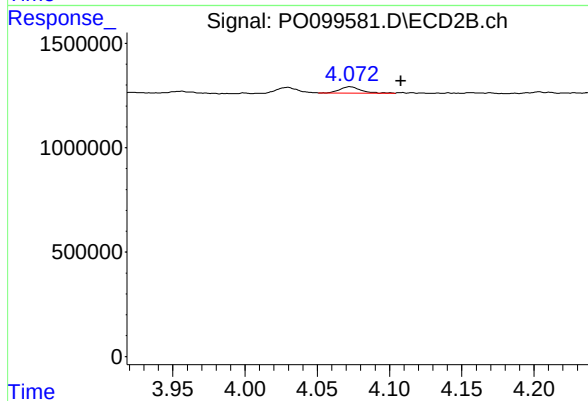
#9 AR-1221-2

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 291872
Conc: 31.87 ng/ml



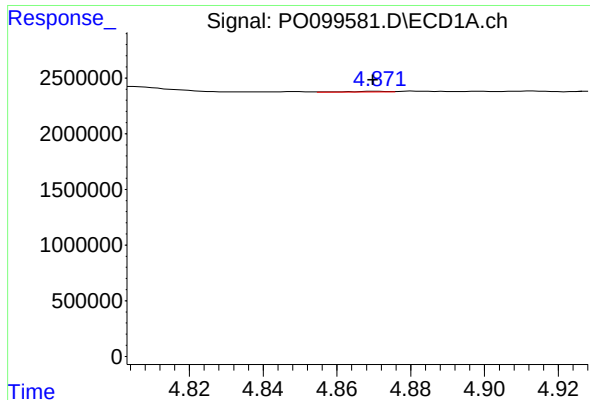
#10 AR-1221-3

R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 57728
Conc: 1.39 ng/ml



#10 AR-1221-3

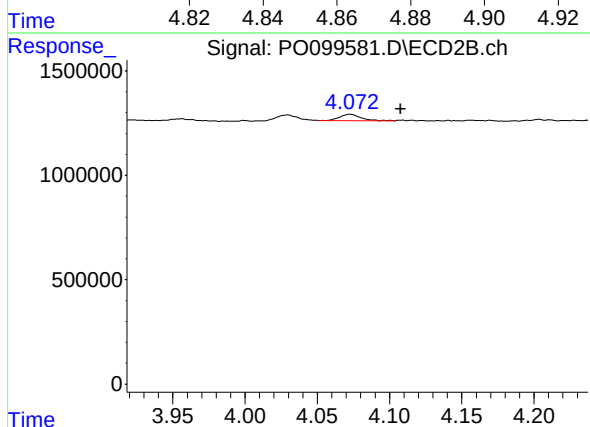
R.T.: 4.073 min
Delta R.T.: -0.035 min
Response: 302557
Conc: 9.78 ng/ml



#11 AR-1232-1

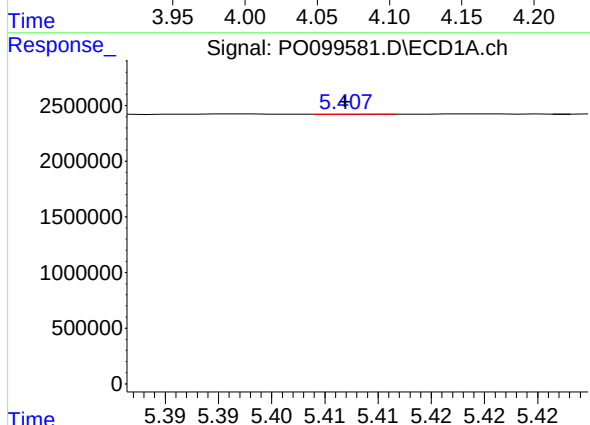
R.T.: 4.871 min
Delta R.T.: 0.002 min
Response: 57728
Conc: 1.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



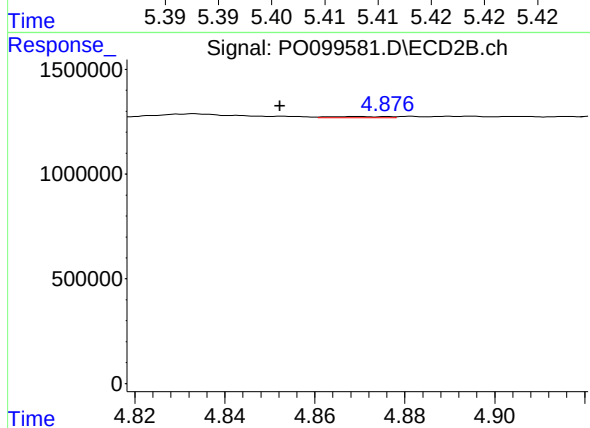
#11 AR-1232-1

R.T.: 4.073 min
Delta R.T.: -0.035 min
Response: 302557
Conc: 11.70 ng/ml



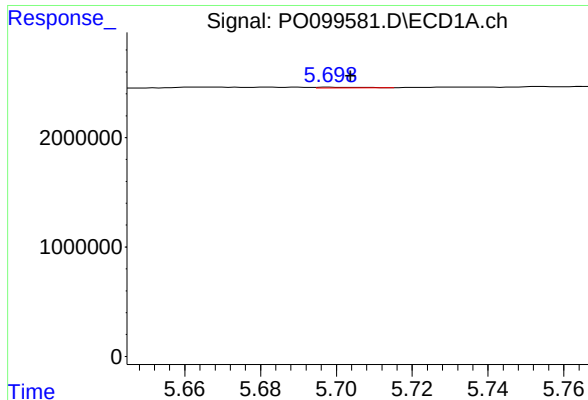
#12 AR-1232-2

R.T.: 5.408 min
Delta R.T.: 0.001 min
Response: 7009
Conc: 0.42 ng/ml



#12 AR-1232-2

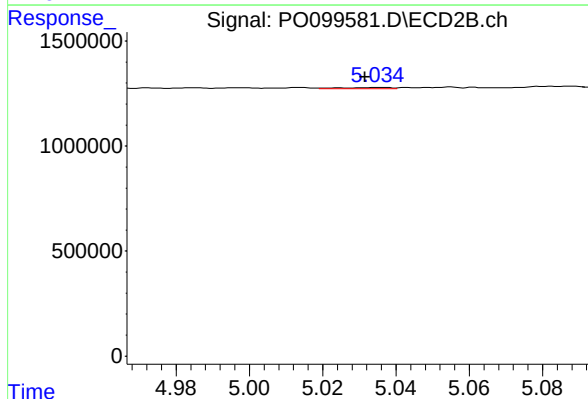
R.T.: 4.869 min
Delta R.T.: 0.017 min
Response: 49434
Conc: 2.85 ng/ml



#13 AR-1232-3

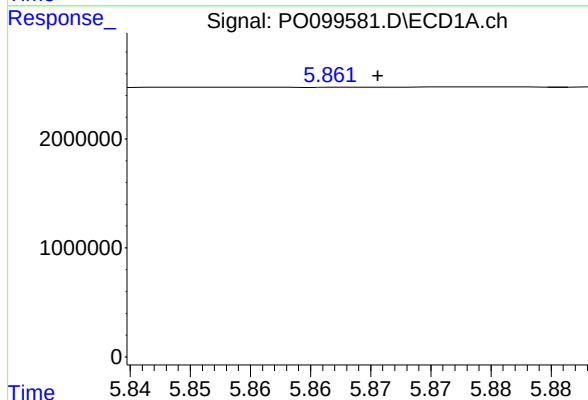
R.T.: 5.698 min
Delta R.T.: -0.005 min
Response: 59087
Conc: 2.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



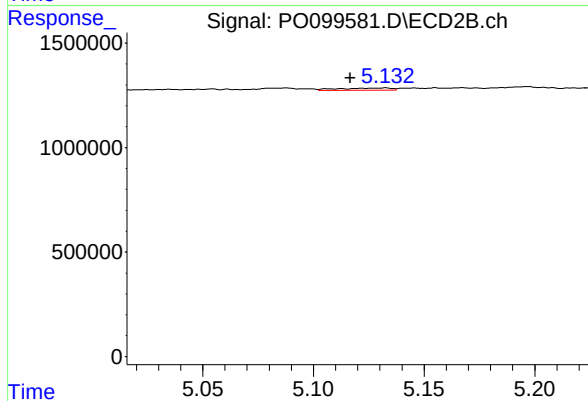
#13 AR-1232-3

R.T.: 5.036 min
Delta R.T.: 0.004 min
Response: 62585
Conc: 7.13 ng/ml



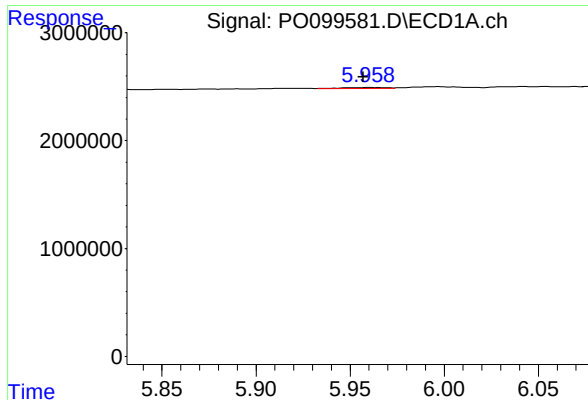
#14 AR-1232-4

R.T.: 5.864 min
Delta R.T.: -0.002 min
Response: 12561
Conc: 0.93 ng/ml



#14 AR-1232-4

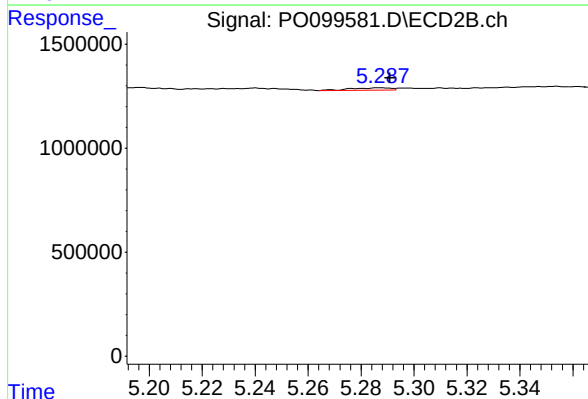
R.T.: 5.132 min
Delta R.T.: 0.016 min
Response: 174223
Conc: 21.48 ng/ml



#15 AR-1232-5

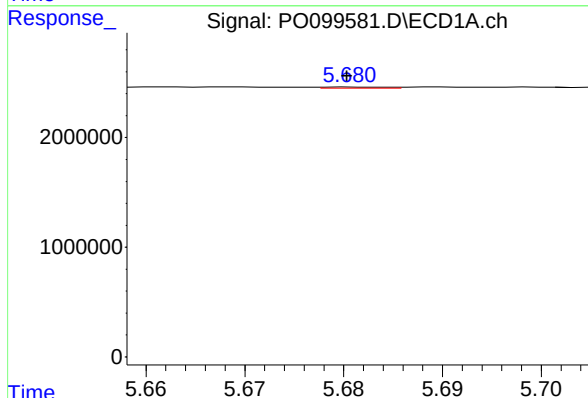
R.T.: 5.960 min
Delta R.T.: 0.003 min
Response: 155951
Conc: 13.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



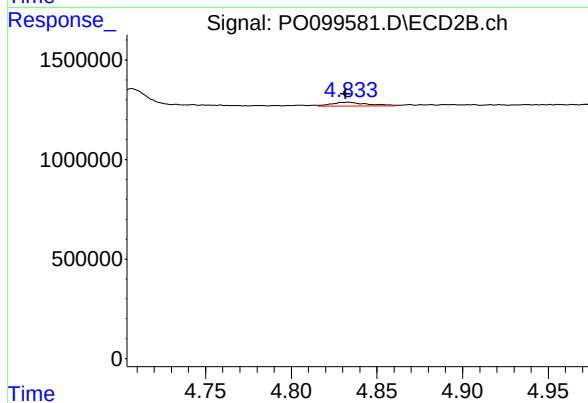
#15 AR-1232-5

R.T.: 5.287 min
Delta R.T.: -0.004 min
Response: 119893
Conc: 14.02 ng/ml



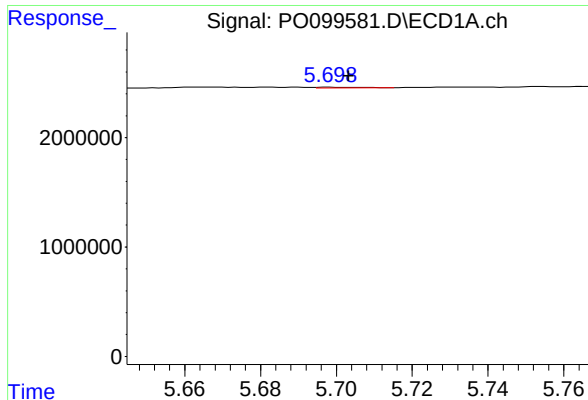
#16 AR-1242-1

R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 43714
Conc: 1.39 ng/ml



#16 AR-1242-1

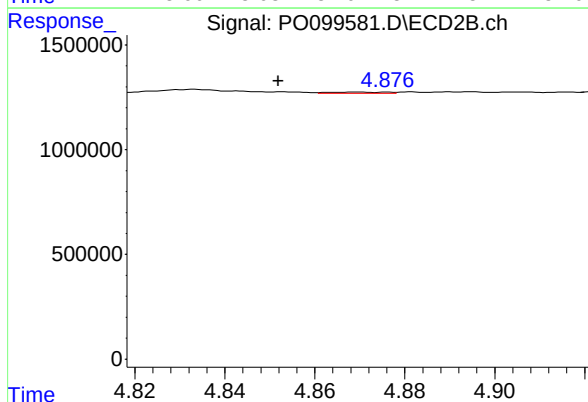
R.T.: 4.833 min
Delta R.T.: 0.002 min
Response: 281774
Conc: 12.73 ng/ml



#17 AR-1242-2

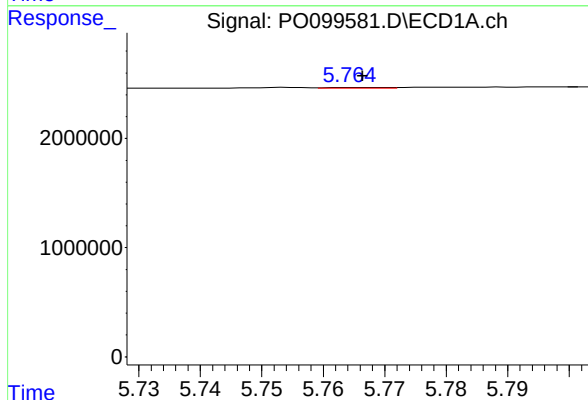
R.T.: 5.698 min
Delta R.T.: -0.005 min
Response: 59087
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



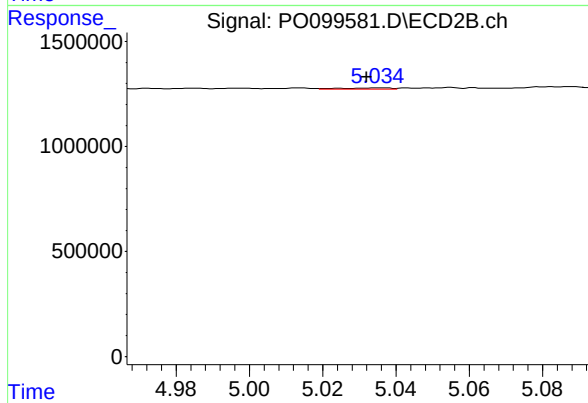
#17 AR-1242-2

R.T.: 4.869 min
Delta R.T.: 0.017 min
Response: 49434
Conc: 1.66 ng/ml



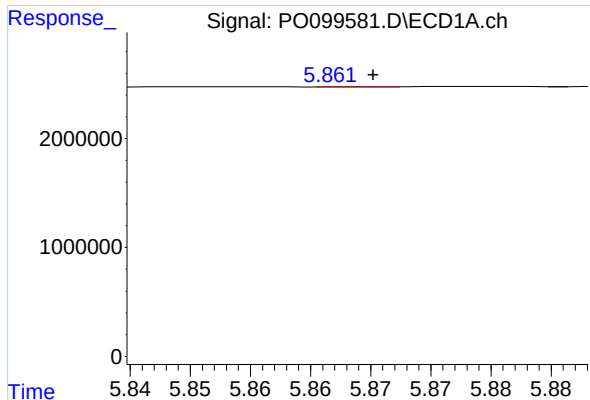
#18 AR-1242-3

R.T.: 5.765 min
Delta R.T.: -0.001 min
Response: 43006
Conc: 1.23 ng/ml



#18 AR-1242-3

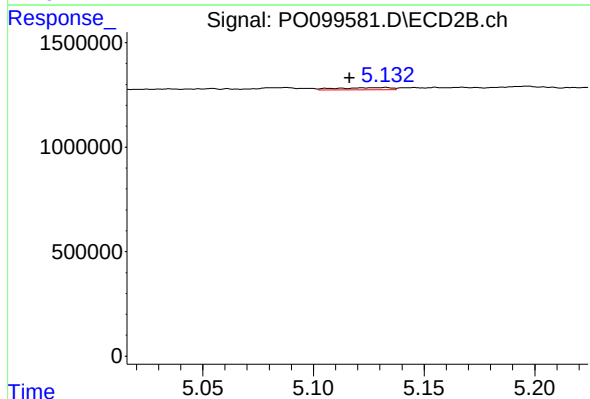
R.T.: 5.036 min
Delta R.T.: 0.004 min
Response: 62585
Conc: 3.79 ng/ml



#19 AR-1242-4

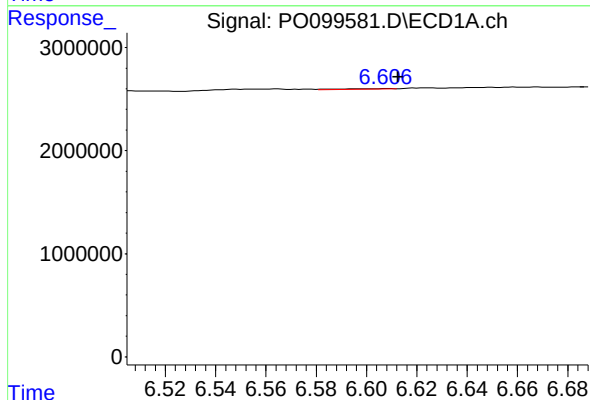
R.T.: 5.864 min
Delta R.T.: -0.002 min
Response: 12561
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



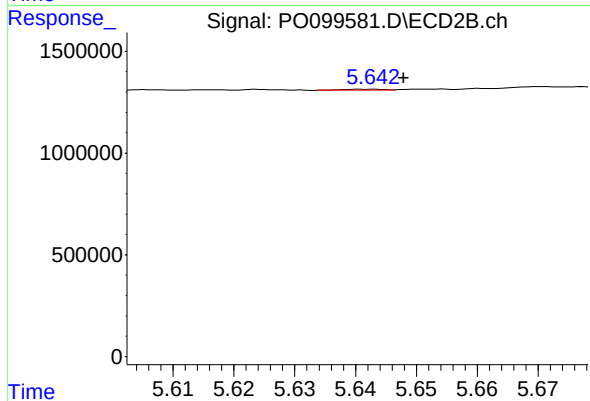
#19 AR-1242-4

R.T.: 5.132 min
Delta R.T.: 0.016 min
Response: 174223
Conc: 10.34 ng/ml



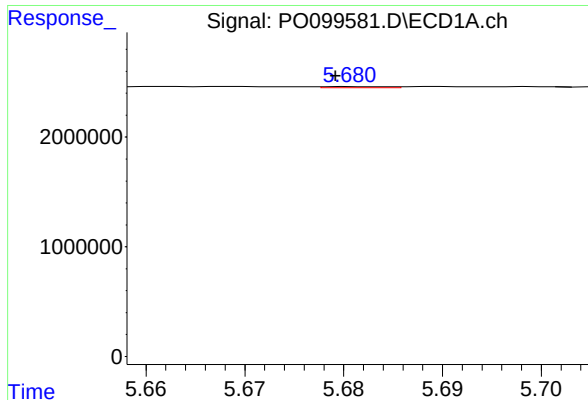
#20 AR-1242-5

R.T.: 6.608 min
Delta R.T.: -0.005 min
Response: 81298
Conc: 3.97 ng/ml



#20 AR-1242-5

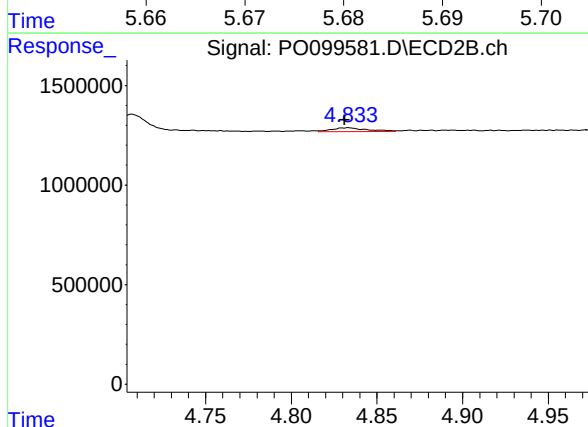
R.T.: 5.642 min
Delta R.T.: -0.006 min
Response: 20279
Conc: 1.16 ng/ml



#21 AR-1248-1

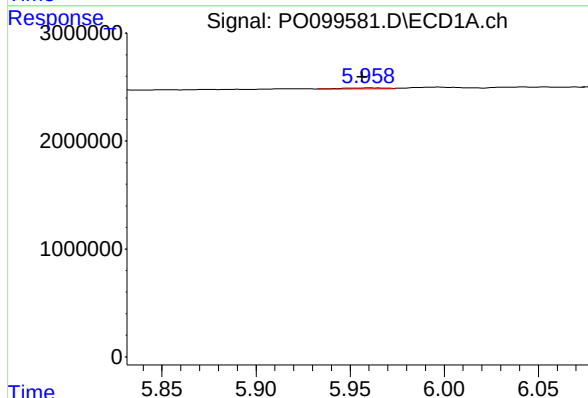
R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 43714
Conc: 1.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



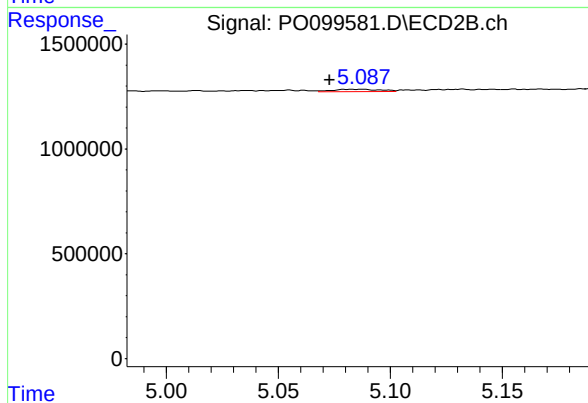
#21 AR-1248-1

R.T.: 4.833 min
Delta R.T.: 0.002 min
Response: 281774
Conc: 16.32 ng/ml



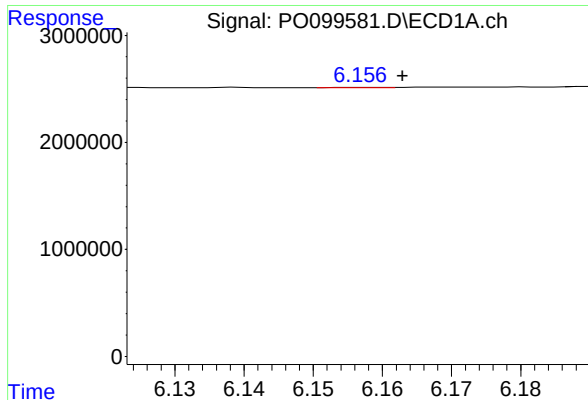
#22 AR-1248-2

R.T.: 5.960 min
Delta R.T.: 0.004 min
Response: 155951
Conc: 4.01 ng/ml



#22 AR-1248-2

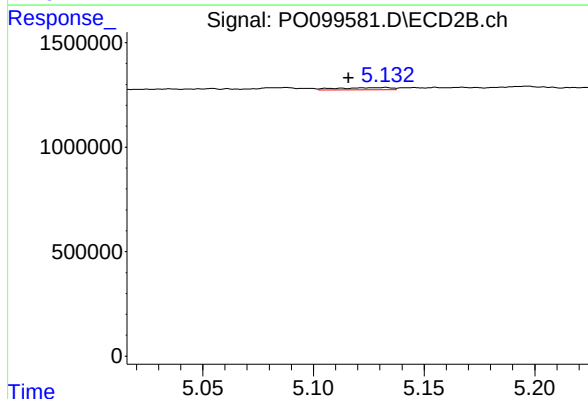
R.T.: 5.088 min
Delta R.T.: 0.015 min
Response: 168955
Conc: 7.18 ng/ml



#23 AR-1248-3

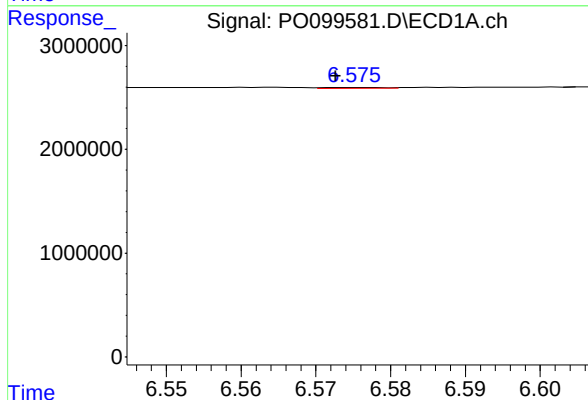
R.T.: 6.158 min
Delta R.T.: -0.005 min
Response: 15946
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



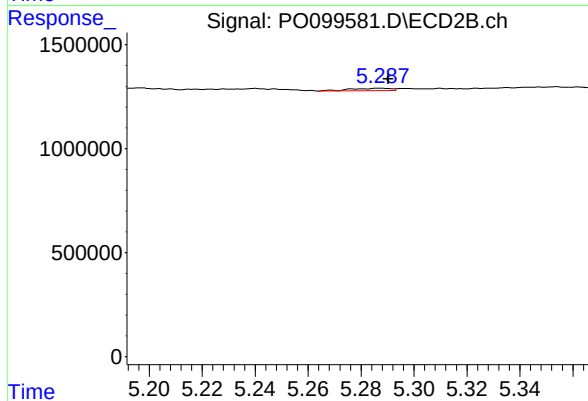
#23 AR-1248-3

R.T.: 5.132 min
Delta R.T.: 0.017 min
Response: 174223
Conc: 7.03 ng/ml



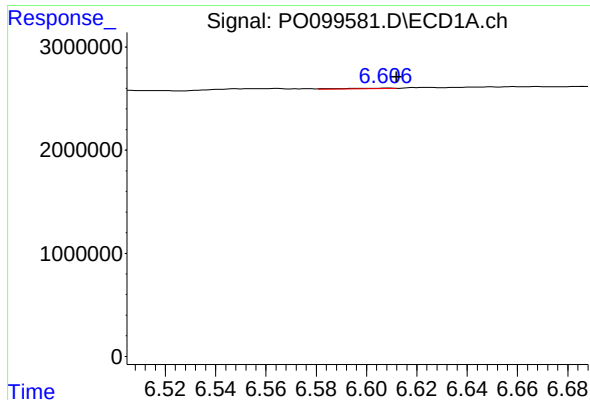
#24 AR-1248-4

R.T.: 6.577 min
Delta R.T.: 0.004 min
Response: 44509
Conc: 1.16 ng/ml



#24 AR-1248-4

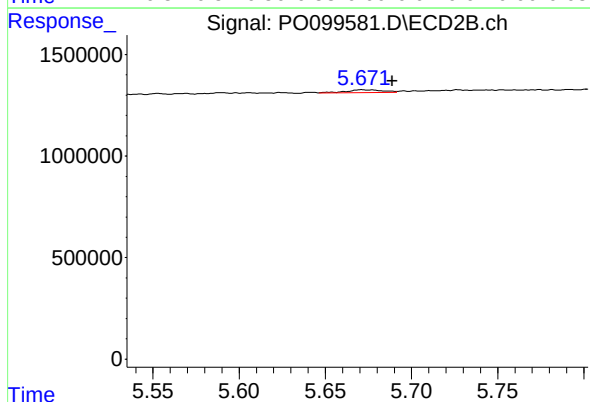
R.T.: 5.287 min
Delta R.T.: -0.003 min
Response: 119893
Conc: 4.35 ng/ml



#25 AR-1248-5

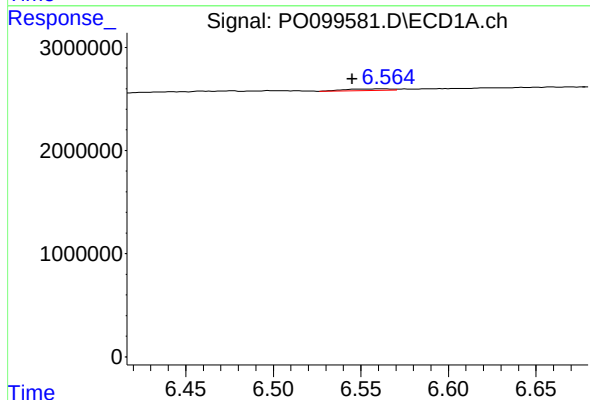
R.T.: 6.608 min
Delta R.T.: -0.004 min
Response: 81298
Conc: 2.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



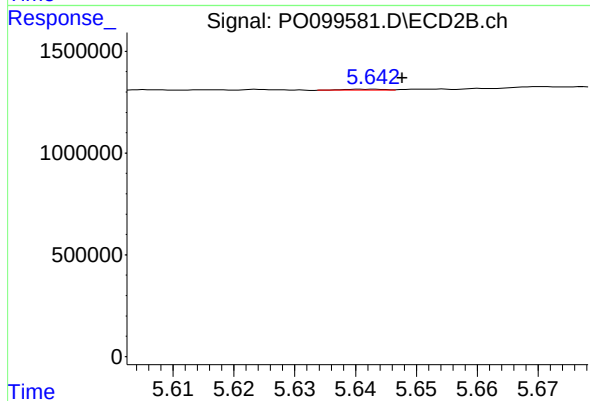
#25 AR-1248-5

R.T.: 5.671 min
Delta R.T.: -0.018 min
Response: 209024
Conc: 9.16 ng/ml



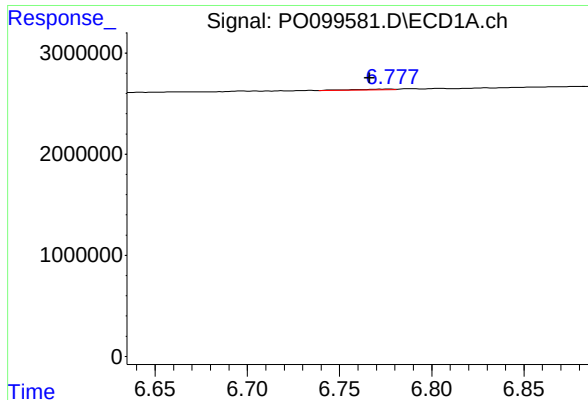
#26 AR-1254-1

R.T.: 6.564 min
Delta R.T.: 0.019 min
Response: 264204
Conc: 5.87 ng/ml



#26 AR-1254-1

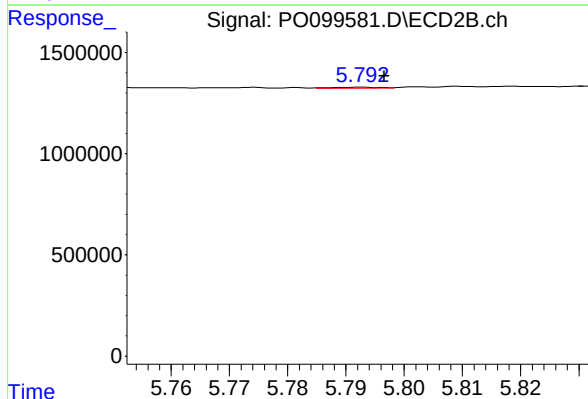
R.T.: 5.642 min
Delta R.T.: -0.006 min
Response: 20279
Conc: 0.56 ng/ml



#27 AR-1254-2

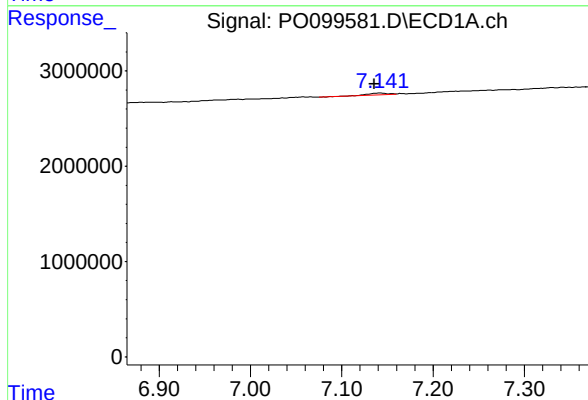
R.T.: 6.777 min
Delta R.T.: 0.010 min
Response: 85141
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



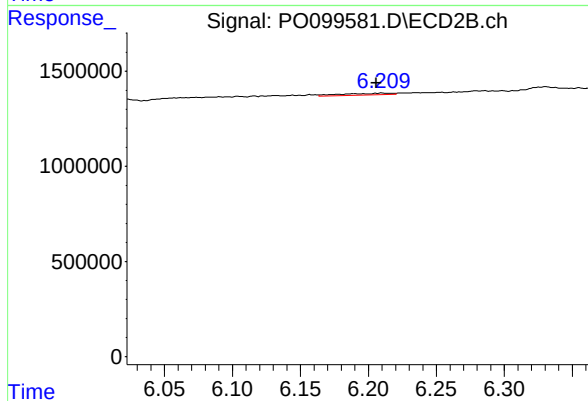
#27 AR-1254-2

R.T.: 5.792 min
Delta R.T.: -0.005 min
Response: 30063
Conc: 0.93 ng/ml



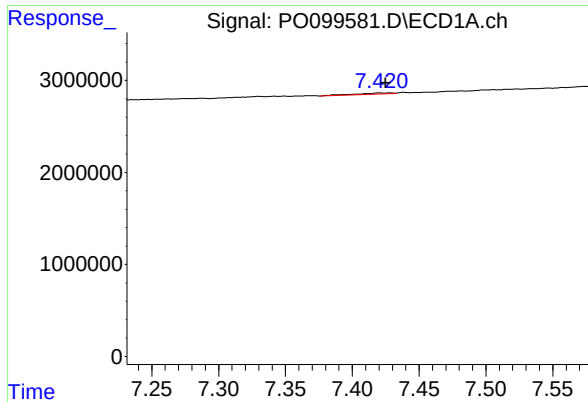
#28 AR-1254-3

R.T.: 7.142 min
Delta R.T.: 0.006 min
Response: 322465
Conc: 5.54 ng/ml



#28 AR-1254-3

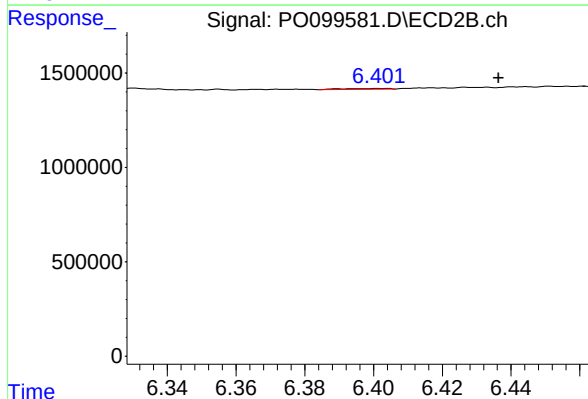
R.T.: 6.210 min
Delta R.T.: 0.004 min
Response: 216696
Conc: 4.00 ng/ml



#29 AR-1254-4

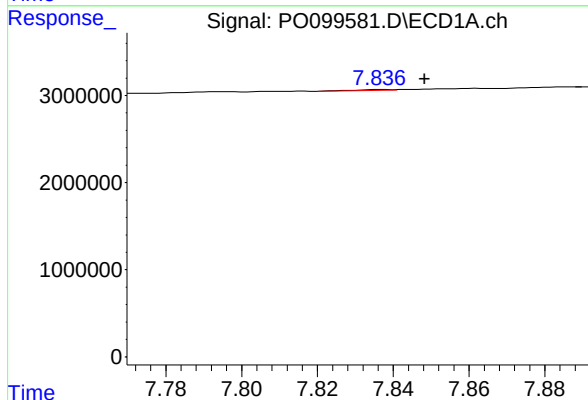
R.T.: 7.421 min
Delta R.T.: -0.004 min
Response: 263833
Conc: 7.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



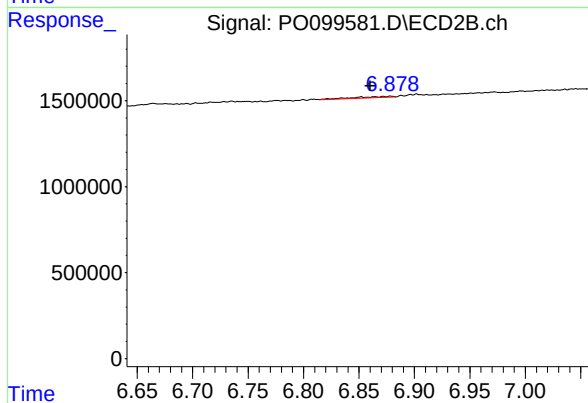
#29 AR-1254-4

R.T.: 6.402 min
Delta R.T.: -0.034 min
Response: 42270
Conc: 1.50 ng/ml



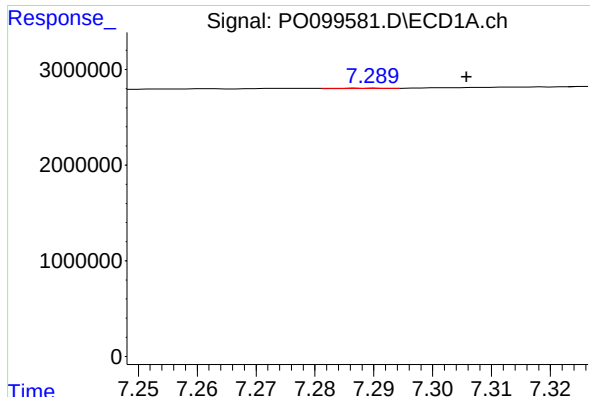
#30 AR-1254-5

R.T.: 7.837 min
Delta R.T.: -0.011 min
Response: 76964
Conc: 1.97 ng/ml



#30 AR-1254-5

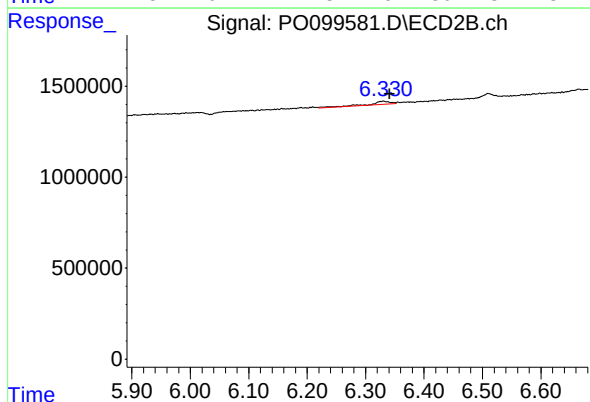
R.T.: 6.879 min
Delta R.T.: 0.019 min
Response: 188157
Conc: 3.86 ng/ml



#31 AR-1260-1

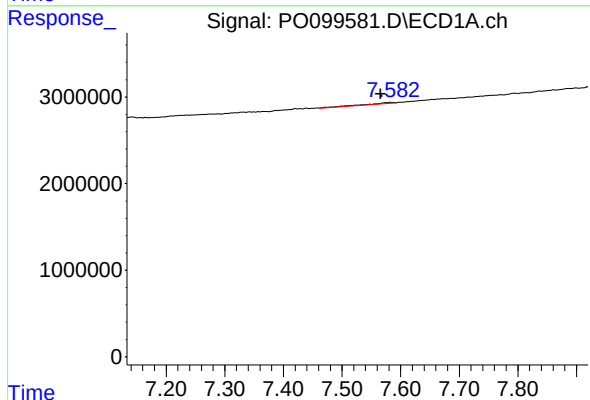
R.T.: 7.289 min
Delta R.T.: -0.017 min
Response: 21302
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



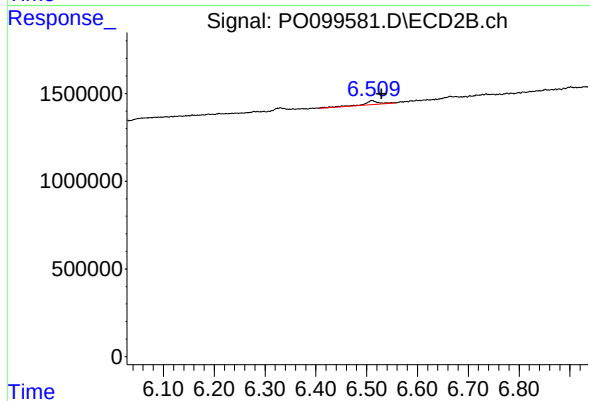
#31 AR-1260-1

R.T.: 6.330 min
Delta R.T.: -0.011 min
Response: 458883
Conc: 10.64 ng/ml



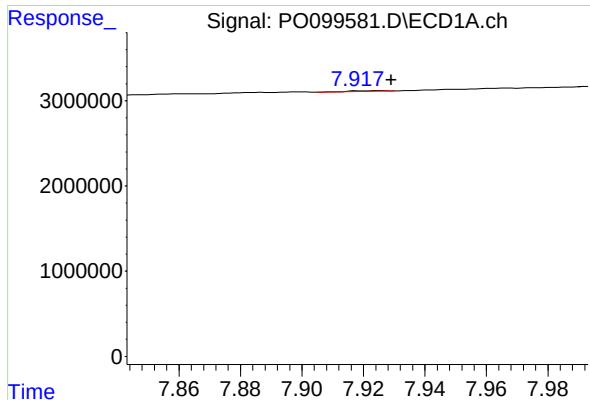
#32 AR-1260-2

R.T.: 7.583 min
Delta R.T.: 0.017 min
Response: 364035
Conc: 7.13 ng/ml



#32 AR-1260-2

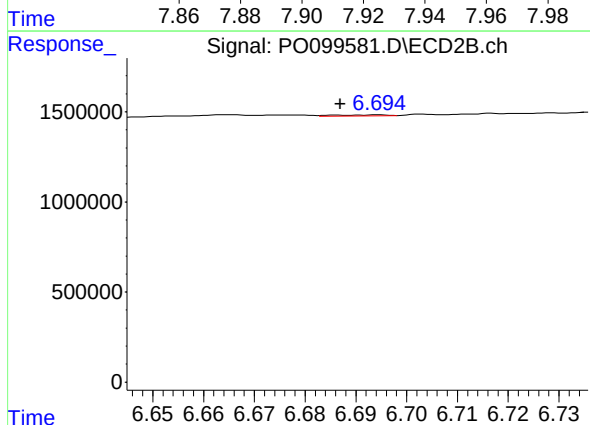
R.T.: 6.511 min
Delta R.T.: -0.020 min
Response: 480134
Conc: 10.25 ng/ml



#33 AR-1260-3

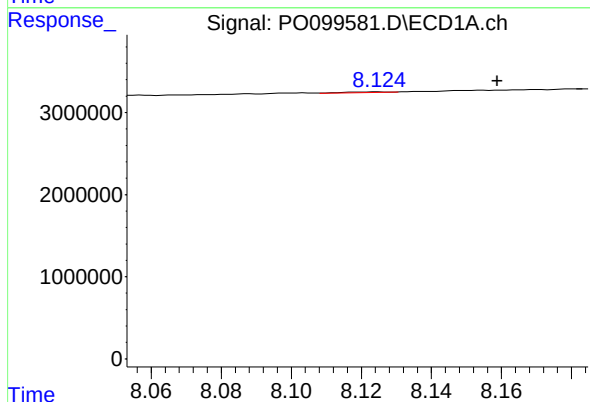
R.T.: 7.926 min
Delta R.T.: -0.004 min
Response: 64821
Conc: 1.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



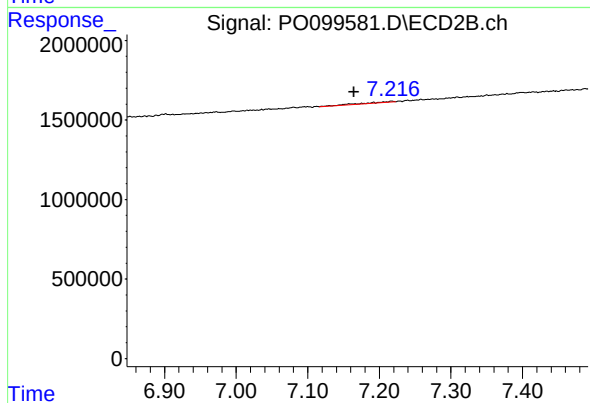
#33 AR-1260-3

R.T.: 6.694 min
Delta R.T.: 0.007 min
Response: 35521
Conc: 0.78 ng/ml



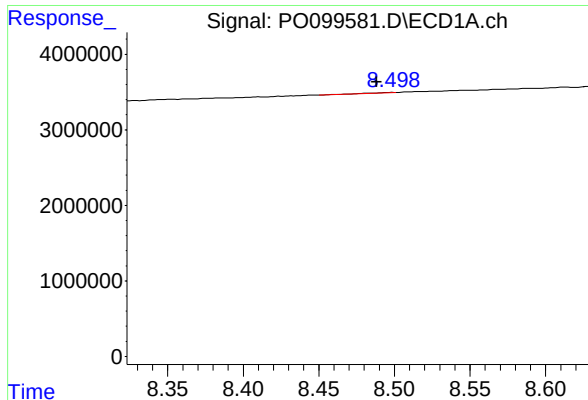
#34 AR-1260-4

R.T.: 8.125 min
Delta R.T.: -0.034 min
Response: 55910
Conc: 1.42 ng/ml



#34 AR-1260-4

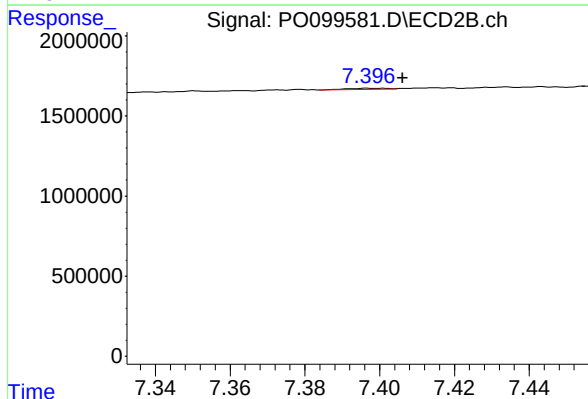
R.T.: 7.217 min
Delta R.T.: 0.053 min
Response: 169138
Conc: 4.60 ng/ml



#35 AR-1260-5

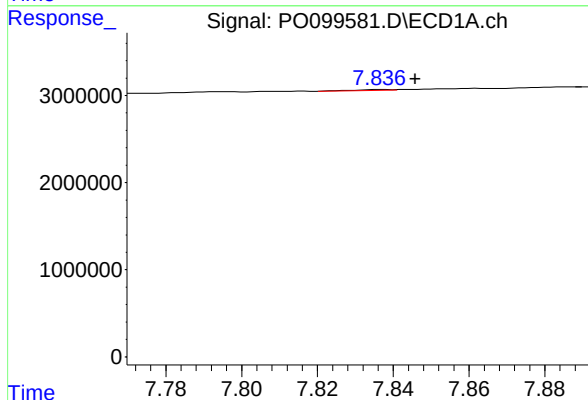
R.T.: 8.497 min
Delta R.T.: 0.009 min
Response: 36450
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



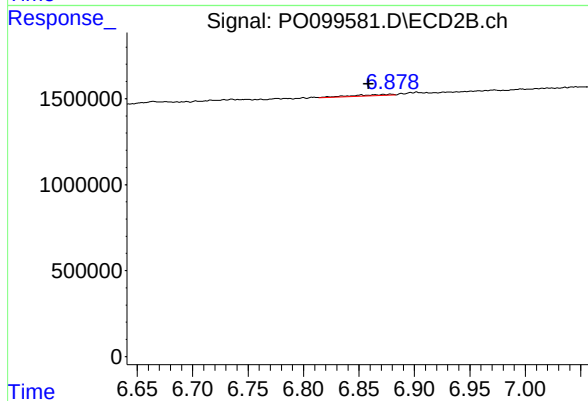
#35 AR-1260-5

R.T.: 7.398 min
Delta R.T.: -0.008 min
Response: 55258
Conc: 0.76 ng/ml



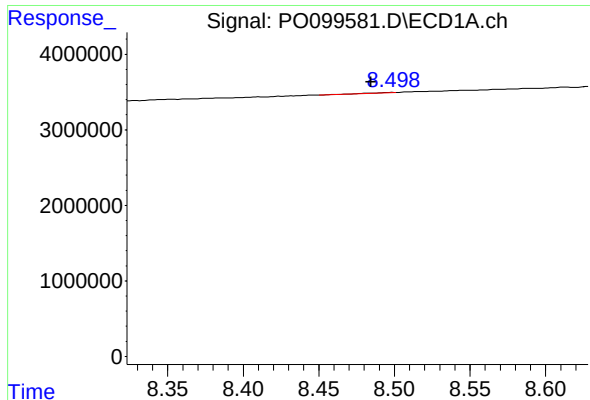
#36 AR-1262-1

R.T.: 7.837 min
Delta R.T.: -0.008 min
Response: 76964
Conc: 2.44 ng/ml



#36 AR-1262-1

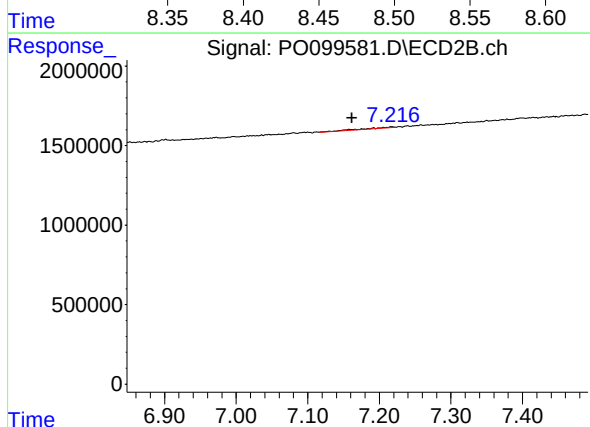
R.T.: 6.879 min
Delta R.T.: 0.020 min
Response: 188157
Conc: 7.65 ng/ml



#37 AR-1262-2

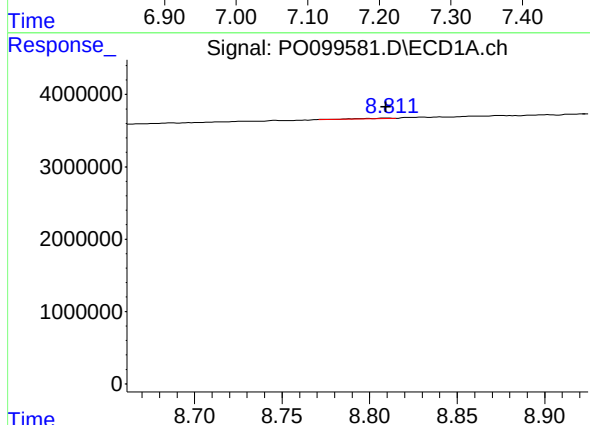
R.T.: 8.497 min
Delta R.T.: 0.013 min
Response: 36450
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



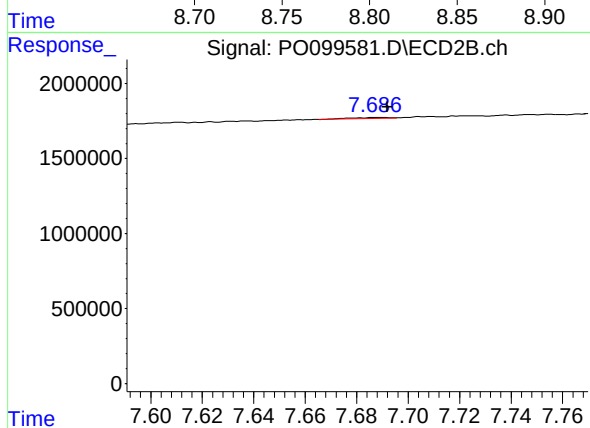
#37 AR-1262-2

R.T.: 7.217 min
Delta R.T.: 0.055 min
Response: 169138
Conc: 3.41 ng/ml



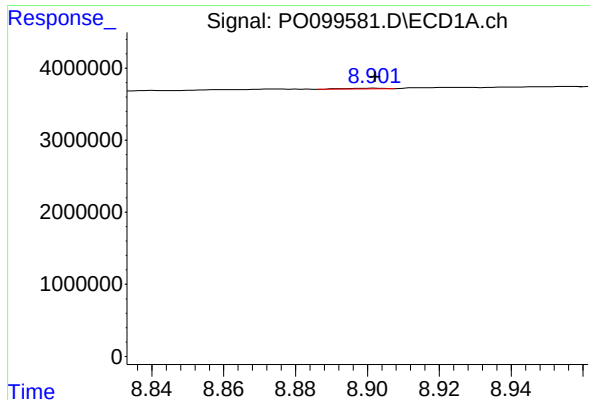
#38 AR-1262-3

R.T.: 8.810 min
Delta R.T.: 0.000 min
Response: 56480
Conc: 1.10 ng/ml



#38 AR-1262-3

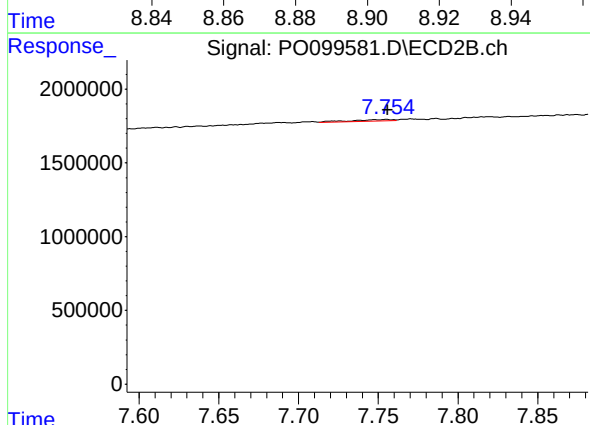
R.T.: 7.688 min
Delta R.T.: -0.004 min
Response: 79876
Conc: 2.16 ng/ml



#39 AR-1262-4

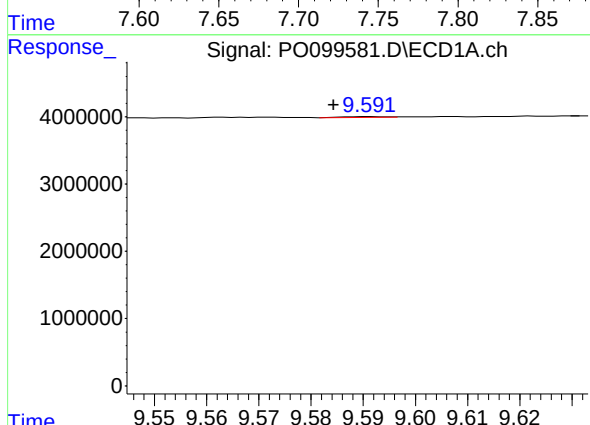
R.T.: 8.902 min
Delta R.T.: 0.000 min
Response: 63928
Conc: 1.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



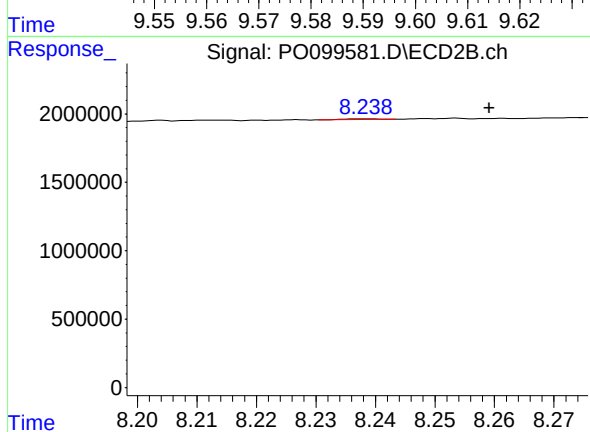
#39 AR-1262-4

R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 203346
Conc: 3.17 ng/ml



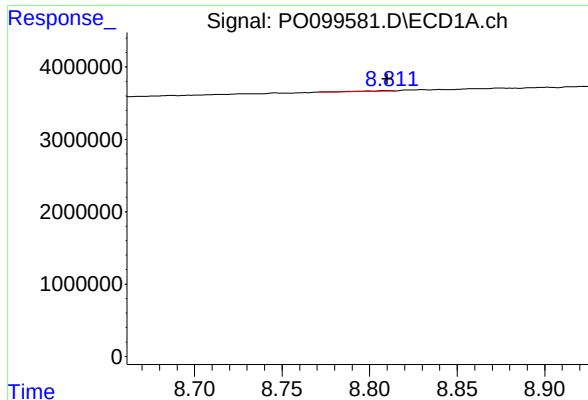
#40 AR-1262-5

R.T.: 9.591 min
Delta R.T.: 0.007 min
Response: 59971
Conc: 2.82 ng/ml



#40 AR-1262-5

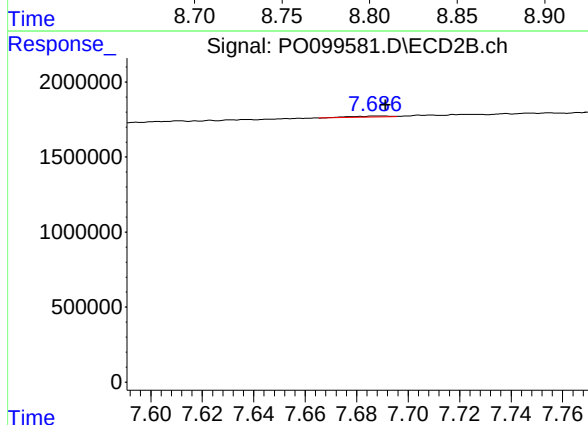
R.T.: 8.238 min
Delta R.T.: -0.021 min
Response: 19752
Conc: 0.72 ng/ml



#41 AR-1268-1

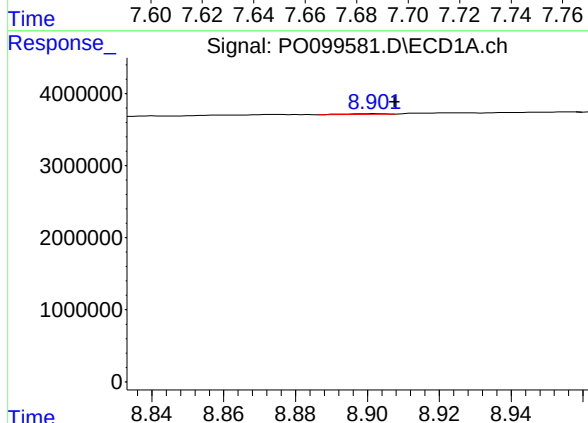
R.T.: 8.810 min
Delta R.T.: 0.000 min
Response: 56480
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



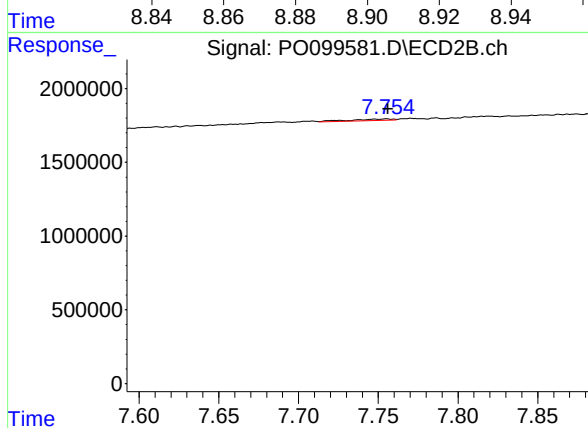
#41 AR-1268-1

R.T.: 7.688 min
Delta R.T.: -0.004 min
Response: 79876
Conc: 0.73 ng/ml



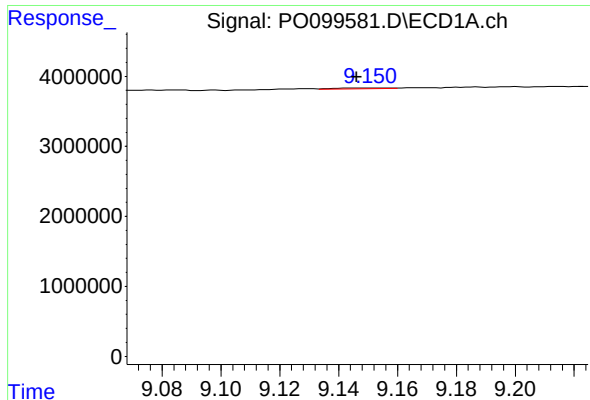
#42 AR-1268-2

R.T.: 8.902 min
Delta R.T.: -0.006 min
Response: 63928
Conc: 0.75 ng/ml



#42 AR-1268-2

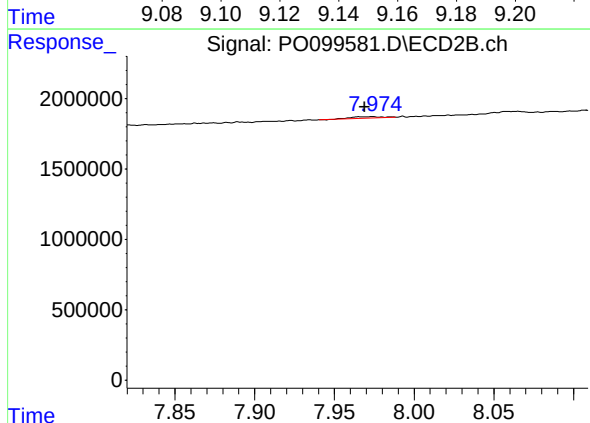
R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 203346
Conc: 2.06 ng/ml



#43 AR-1268-3

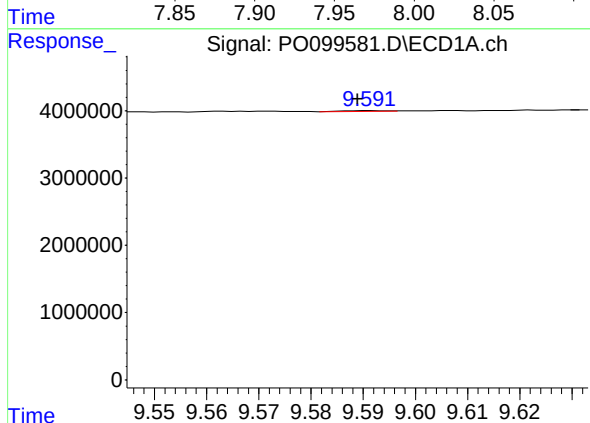
R.T.: 9.152 min
Delta R.T.: 0.006 min
Response: 147617
Conc: 1.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



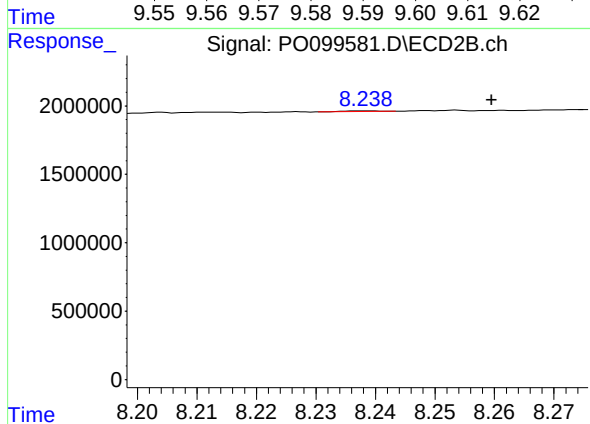
#43 AR-1268-3

R.T.: 7.974 min
Delta R.T.: 0.005 min
Response: 147821
Conc: 1.56 ng/ml



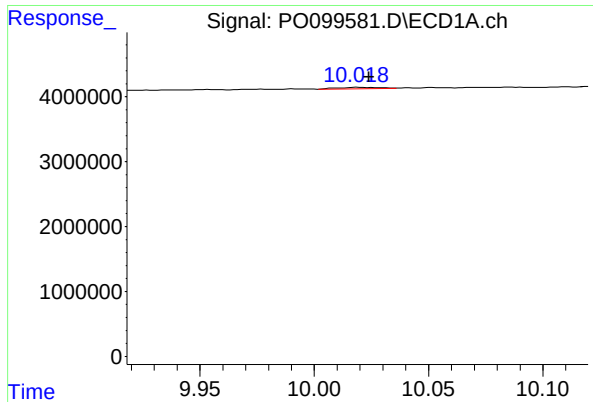
#44 AR-1268-4

R.T.: 9.591 min
Delta R.T.: 0.002 min
Response: 59971
Conc: 2.47 ng/ml



#44 AR-1268-4

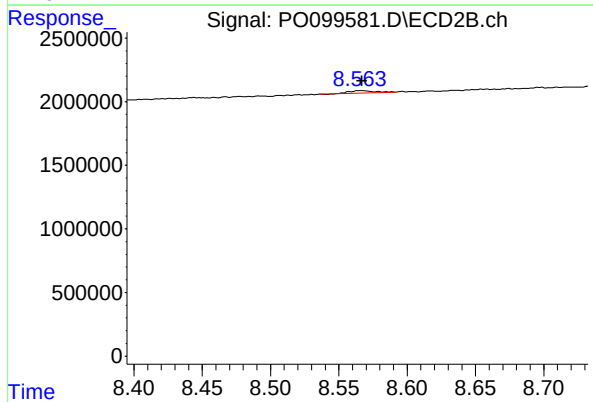
R.T.: 8.238 min
Delta R.T.: -0.021 min
Response: 19752
Conc: 0.66 ng/ml



#45 AR-1268-5

R.T.: 10.019 min
Delta R.T.: -0.005 min
Response: 278996
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 262911
Conc: 1.04 ng/ml