

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
 Data File : P0099601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 19:55
 Operator : YP/AJ
 Sample : 05345-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 22:35:17 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	3.722	34358195	24689908	19.958	20.366
2) SA Decachlor...	10.382	8.836	13941820	16343371	21.842	22.251
Target Compounds						
3) L1 AR-1016-1	5.681	4.830	538182	410005	13.848	15.248
4) L1 AR-1016-2	5.704	4.849	912398	655914	14.246	17.995 #
5) L1 AR-1016-3	5.769	5.029	700792	375786	16.172	18.751
6) L1 AR-1016-4	5.866	5.073	562948	282836	18.115	17.019
7) L1 AR-1016-5	6.167	5.289	573984	389259	18.874	18.843
8) L2 AR-1221-1	4.706	3.944	489695	45654	25.711	3.116 #
9) L2 AR-1221-2	4.803	4.027	568235	350726	40.339	38.295
10) L2 AR-1221-3	4.878	4.110	142223	140284	3.430	4.533 #
11) L3 AR-1232-1	4.878	4.110	142223	140284	4.222	5.427 #
12) L3 AR-1232-2	5.410	4.849	450285	655914	26.984	37.865 #
13) L3 AR-1232-3	5.704	5.029	912398	375786	32.163	42.789 #
14) L3 AR-1232-4	5.866	5.112	562948	331862	41.738	40.916
15) L3 AR-1232-5	5.959	5.289	502990	389259	43.871	45.506
16) L4 AR-1242-1	5.681	4.830	538182	410005	17.162	18.528
17) L4 AR-1242-2	5.704	4.849	912398	655914	17.688	22.029
18) L4 AR-1242-3	5.769	5.029	700792	375786	20.108	22.777
19) L4 AR-1242-4	5.866	5.112	562948	331862	22.261	19.697
20) L4 AR-1242-5	6.598	5.651	94840	720794	4.636	41.290 #
21) L5 AR-1248-1	5.681	4.830	538182	410005	22.791	23.750
22) L5 AR-1248-2	5.959	5.073	502990	282836	12.936	12.014
23) L5 AR-1248-3	6.167	5.112	573984	331862	13.835	13.397
24) L5 AR-1248-4	6.556	5.289	836198	389259	21.770	14.119 #
25) L5 AR-1248-5	6.598	5.696	94840	112589	2.501	4.934 #
26) L6 AR-1254-1	6.556	5.651	836198	720794	18.581	19.816
27) L6 AR-1254-2	6.775	5.796	717923	184176	11.384	5.670 #
28) L6 AR-1254-3	7.142	6.204	369015	429354	6.336	7.918
29) L6 AR-1254-4	7.436	6.441	107874	139548	3.165	4.955 #
30) L6 AR-1254-5	7.853	6.858	354494	468678	9.060	9.619
31) L7 AR-1260-1	7.308	6.338	412530	622694	8.300	14.438 #
32) L7 AR-1260-2	7.566	6.527	573010	686148	11.218	14.644 #
33) L7 AR-1260-3	7.932	6.682	174903	544025	4.878	11.920 #
34) L7 AR-1260-4	8.160	7.159	170025	275680	4.307	7.502 #
35) L7 AR-1260-5	8.493	7.400	49386	441031	0.824	6.051 #
36) L8 AR-1262-1	7.853	6.858	354494	468678	11.223	19.067 #
37) L8 AR-1262-2	8.493	7.159	49386	275680	0.668	5.561 #
38) L8 AR-1262-3	8.832	7.687	250088	88267	4.869	2.387 #
39) L8 AR-1262-4	8.907	7.750	123675	280787	3.181	4.371 #
40) L8 AR-1262-5	9.594	8.267	35283	25110	1.660	0.914 #
41) L9 AR-1268-1	8.832	7.687	250088	88267	2.483	0.803 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
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 Response via : Initial Calibration
 Integrator: ChemStation

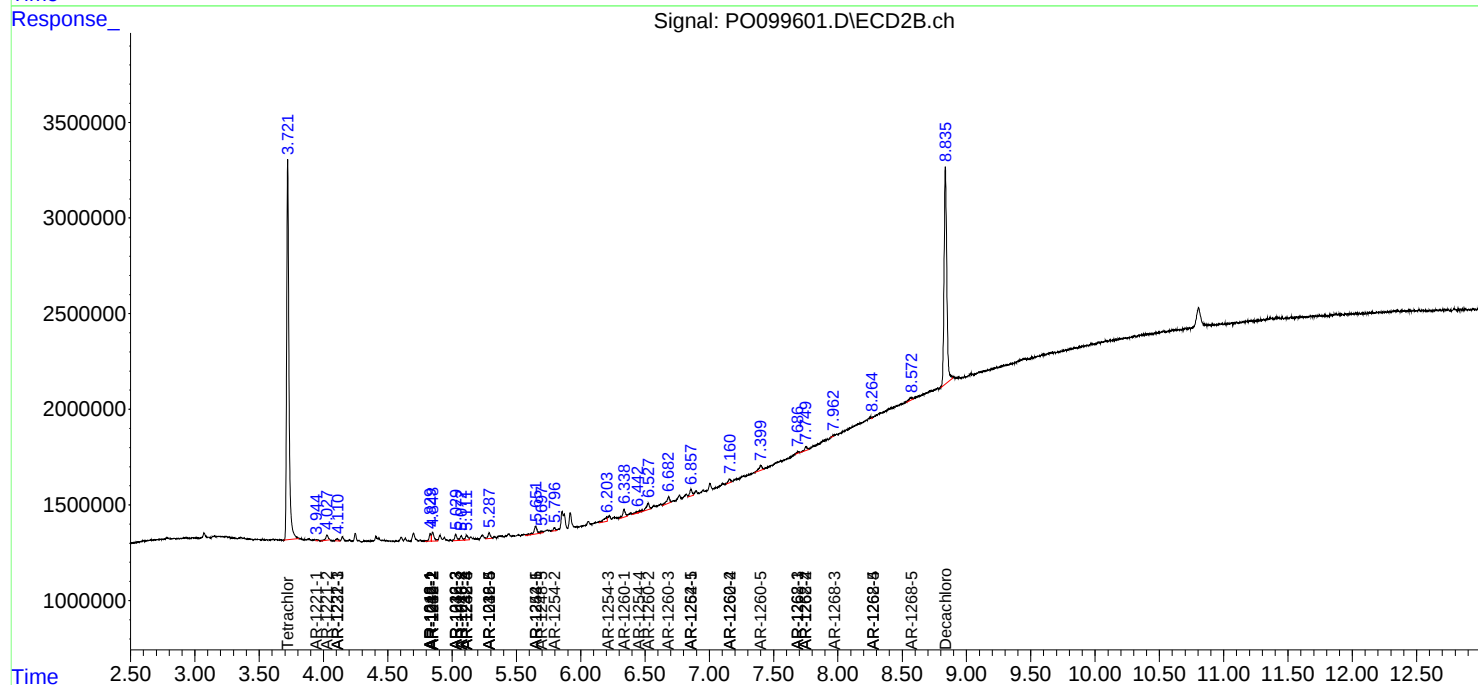
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

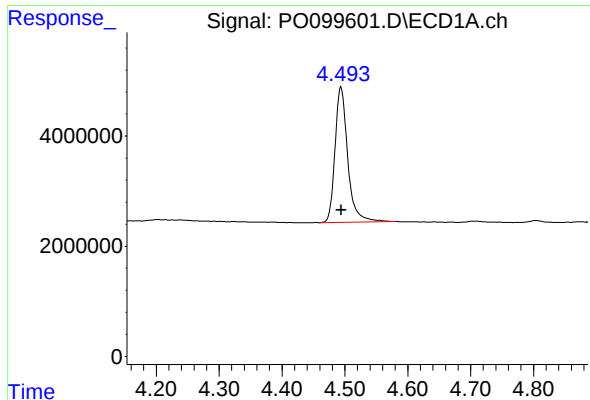
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.907	7.750	123675	280787	1.458	2.848 #
43) L9	AR-1268-3	9.135	7.962	25116	28500	0.295	0.301
44) L9	AR-1268-4	9.594	8.267	35283	25110	1.451	0.838 #
45) L9	AR-1268-5	10.021	8.572	110498	203976	0.520	0.811 #

(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

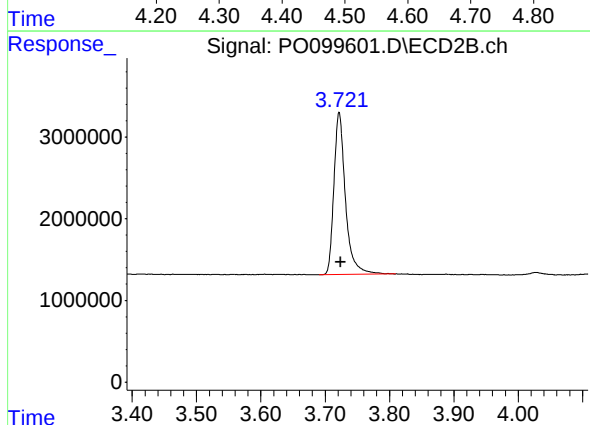




#1 Tetrachloro-m-xylene

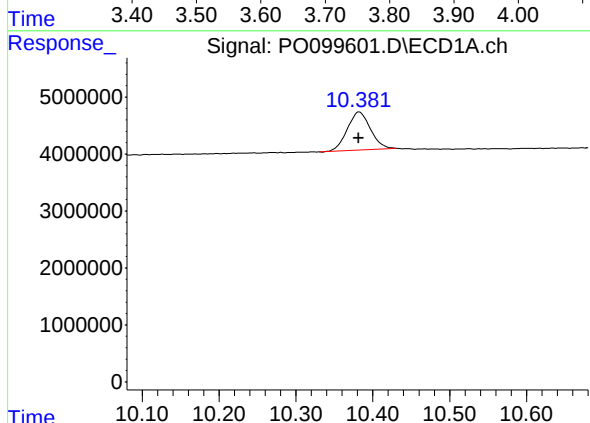
R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 34358195
Conc: 19.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



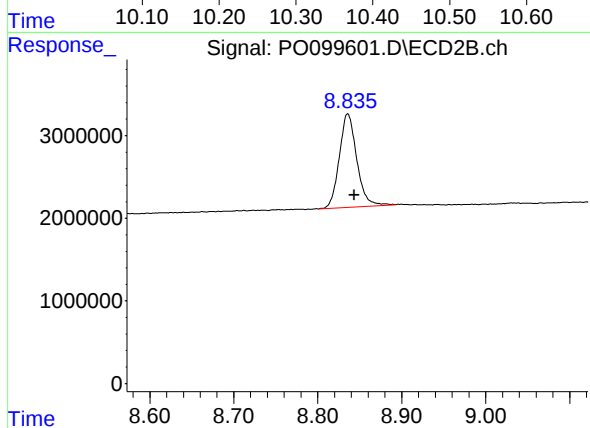
#1 Tetrachloro-m-xylene

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 24689908
Conc: 20.37 ng/ml



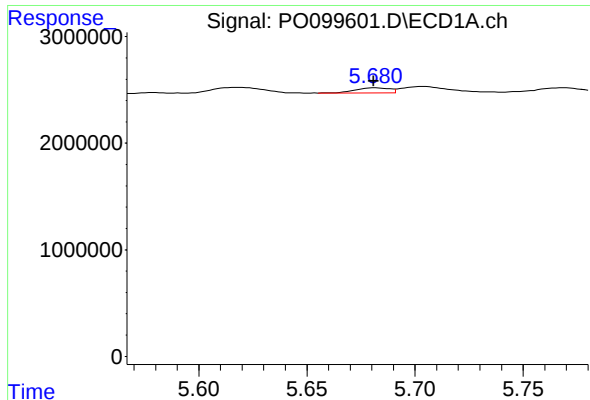
#2 Decachlorobiphenyl

R.T.: 10.382 min
Delta R.T.: 0.000 min
Response: 13941820
Conc: 21.84 ng/ml



#2 Decachlorobiphenyl

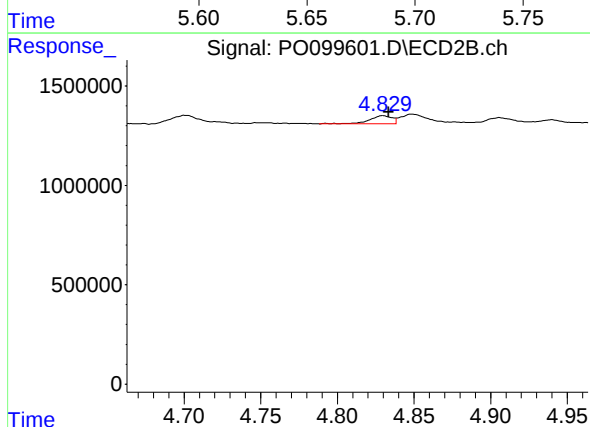
R.T.: 8.836 min
Delta R.T.: -0.008 min
Response: 16343371
Conc: 22.25 ng/ml



#3 AR-1016-1

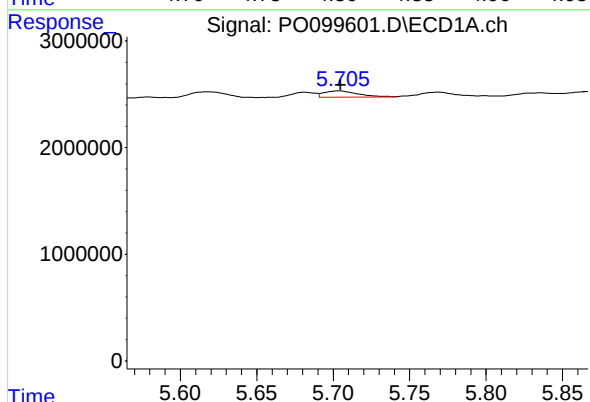
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 538182
Conc: 13.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



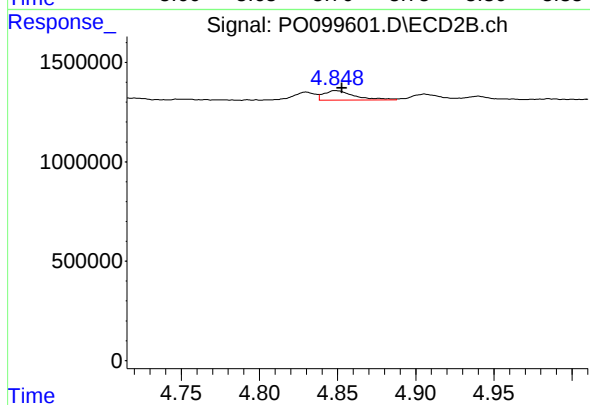
#3 AR-1016-1

R.T.: 4.830 min
Delta R.T.: -0.004 min
Response: 410005
Conc: 15.25 ng/ml



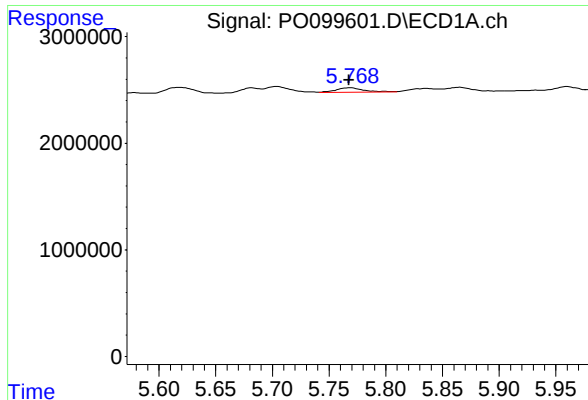
#4 AR-1016-2

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 912398
Conc: 14.25 ng/ml



#4 AR-1016-2

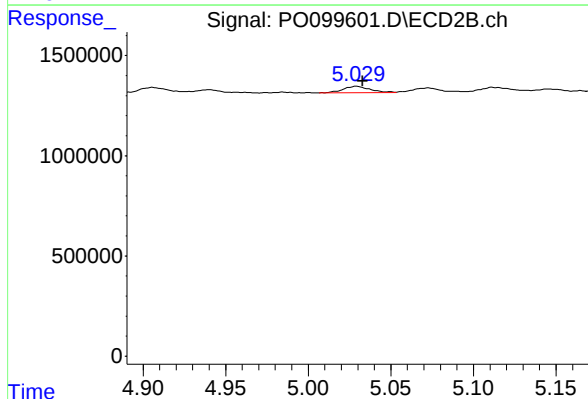
R.T.: 4.849 min
Delta R.T.: -0.004 min
Response: 655914
Conc: 18.00 ng/ml



#5 AR-1016-3

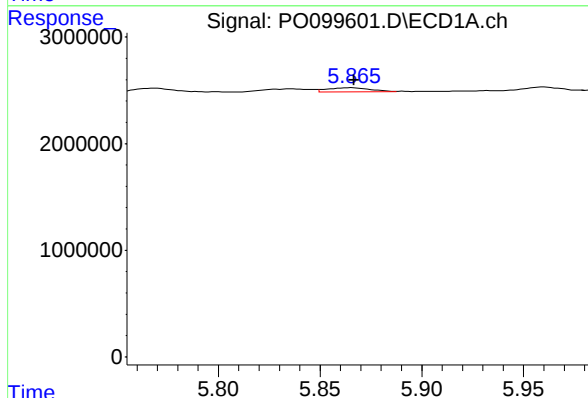
R.T.: 5.769 min
Delta R.T.: 0.002 min
Response: 700792
Conc: 16.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



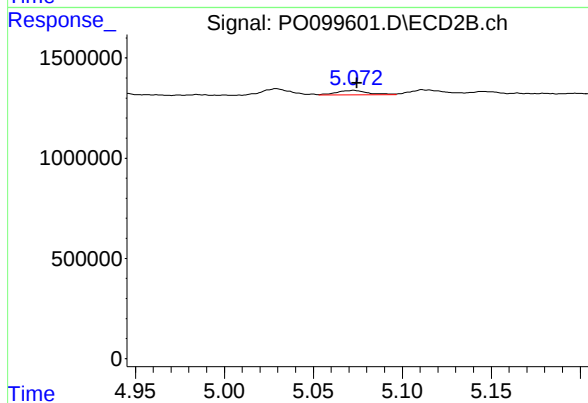
#5 AR-1016-3

R.T.: 5.029 min
Delta R.T.: -0.004 min
Response: 375786
Conc: 18.75 ng/ml



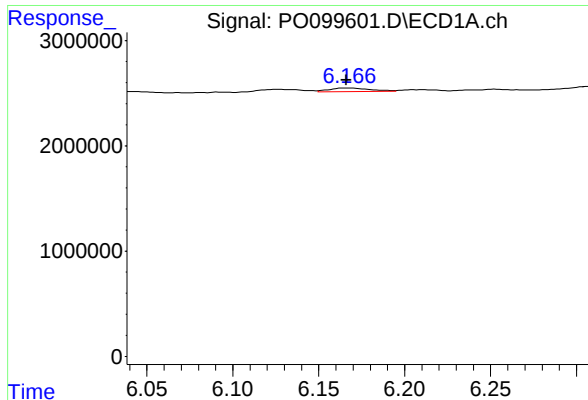
#6 AR-1016-4

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 562948
Conc: 18.11 ng/ml



#6 AR-1016-4

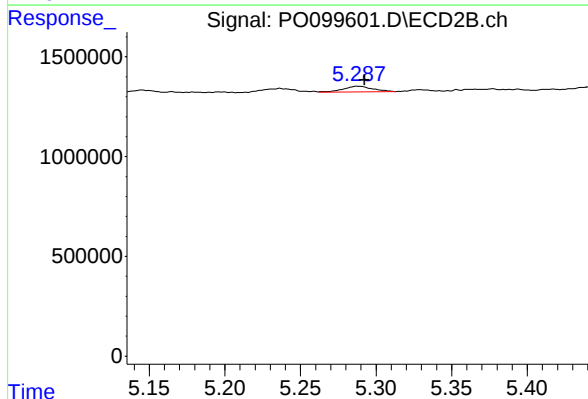
R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 282836
Conc: 17.02 ng/ml



#7 AR-1016-5

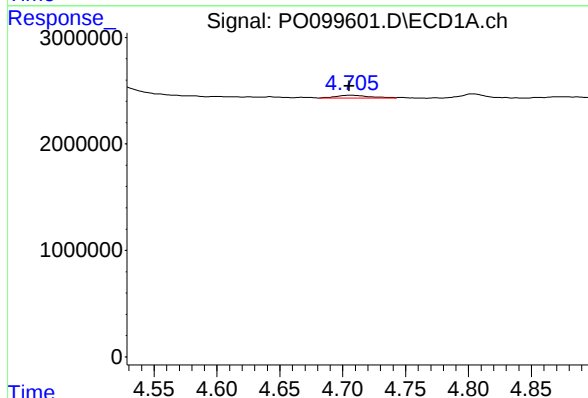
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 573984
Conc: 18.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



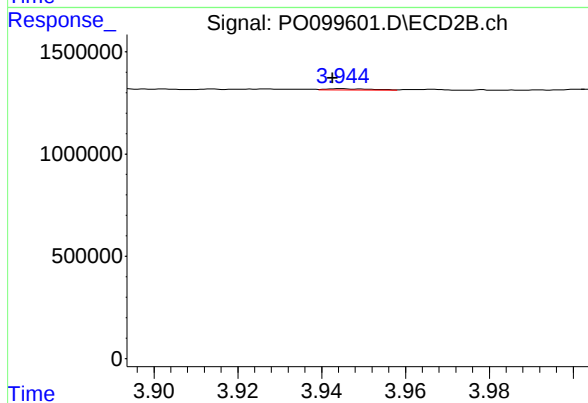
#7 AR-1016-5

R.T.: 5.289 min
Delta R.T.: -0.004 min
Response: 389259
Conc: 18.84 ng/ml



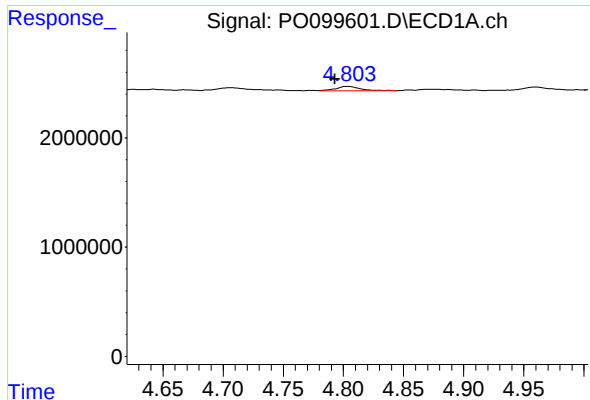
#8 AR-1221-1

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 489695
Conc: 25.71 ng/ml



#8 AR-1221-1

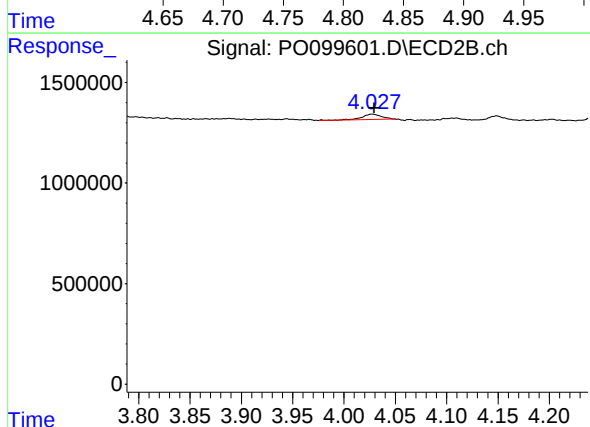
R.T.: 3.944 min
Delta R.T.: 0.002 min
Response: 45654
Conc: 3.12 ng/ml



#9 AR-1221-2

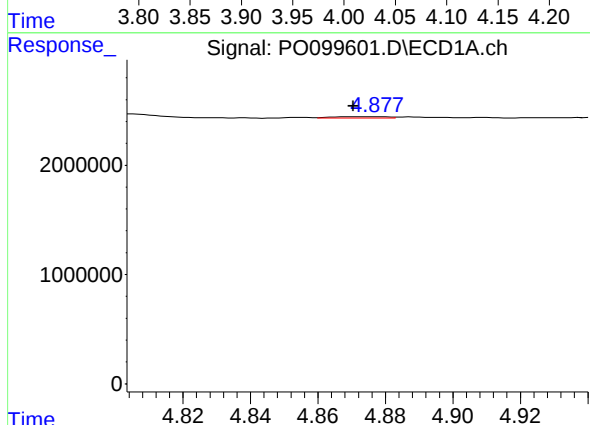
R.T.: 4.803 min
Delta R.T.: 0.010 min
Response: 568235
Conc: 40.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



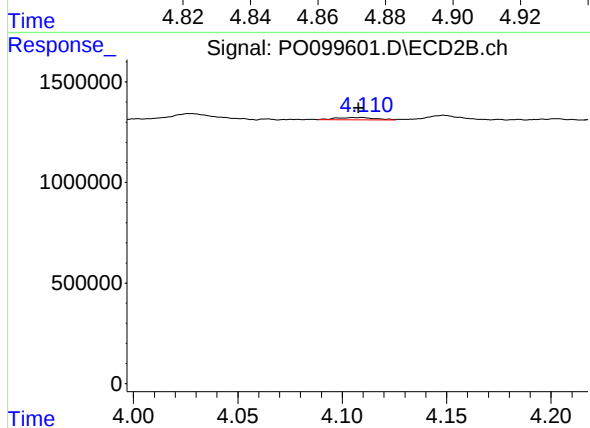
#9 AR-1221-2

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 350726
Conc: 38.30 ng/ml



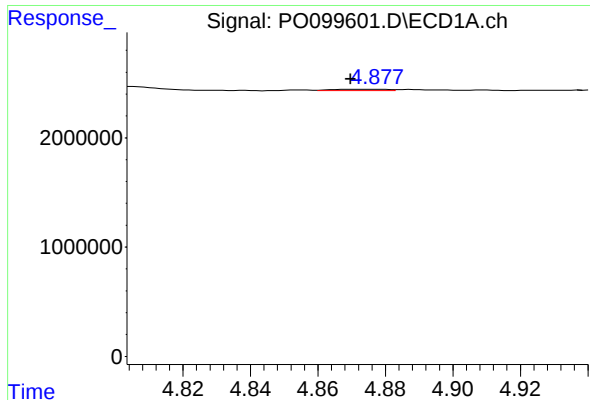
#10 AR-1221-3

R.T.: 4.878 min
Delta R.T.: 0.007 min
Response: 142223
Conc: 3.43 ng/ml



#10 AR-1221-3

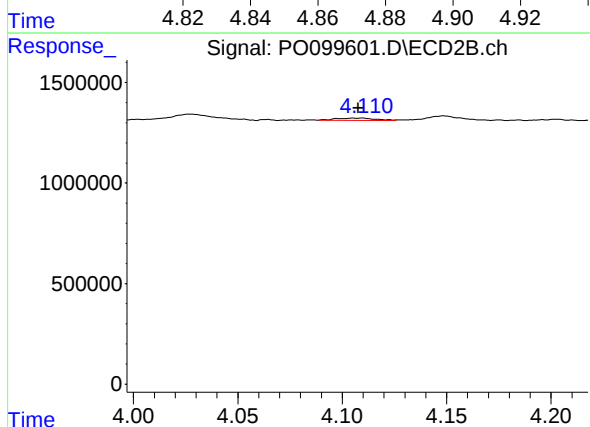
R.T.: 4.110 min
Delta R.T.: 0.002 min
Response: 140284
Conc: 4.53 ng/ml



#11 AR-1232-1

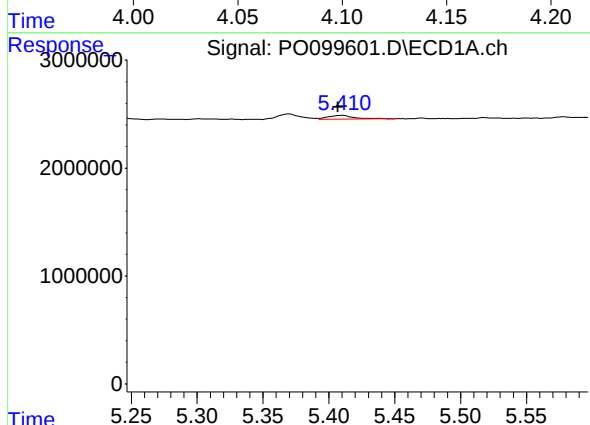
R.T.: 4.878 min
Delta R.T.: 0.008 min
Response: 142223
Conc: 4.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



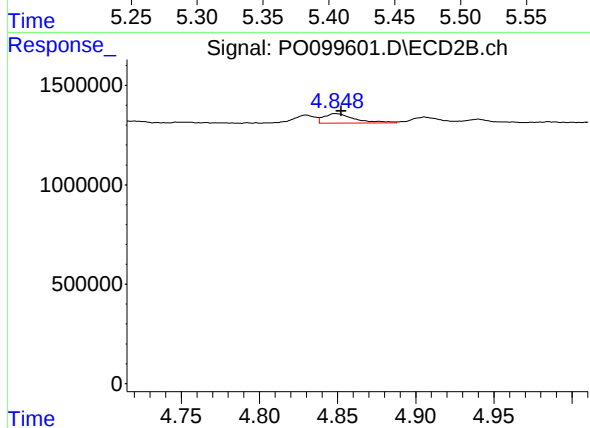
#11 AR-1232-1

R.T.: 4.110 min
Delta R.T.: 0.002 min
Response: 140284
Conc: 5.43 ng/ml



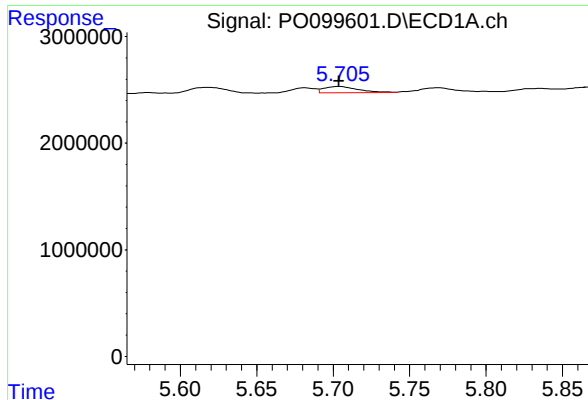
#12 AR-1232-2

R.T.: 5.410 min
Delta R.T.: 0.003 min
Response: 450285
Conc: 26.98 ng/ml



#12 AR-1232-2

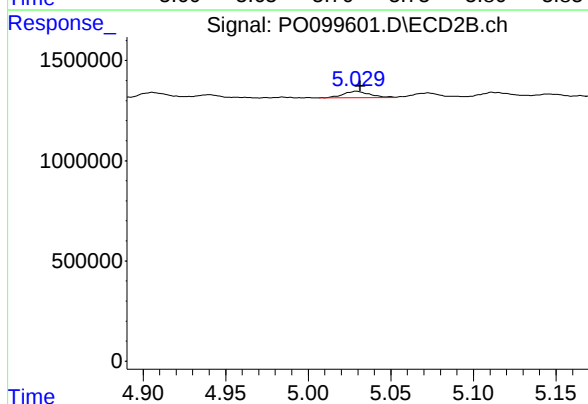
R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 655914
Conc: 37.87 ng/ml



#13 AR-1232-3

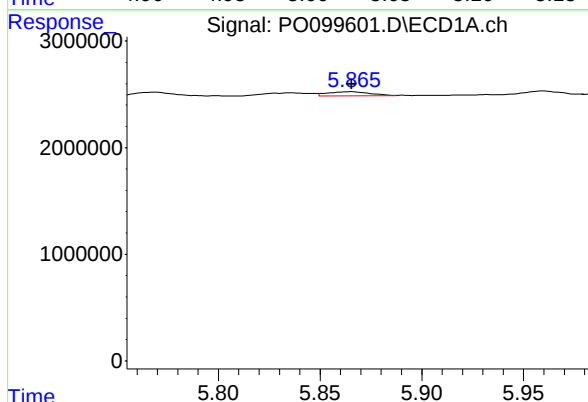
R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 912398
Conc: 32.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



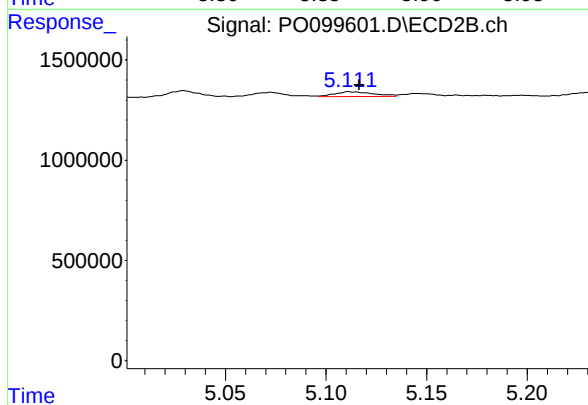
#13 AR-1232-3

R.T.: 5.029 min
Delta R.T.: -0.002 min
Response: 375786
Conc: 42.79 ng/ml



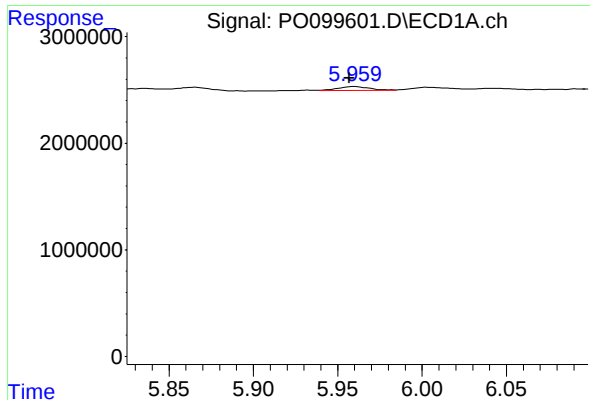
#14 AR-1232-4

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 562948
Conc: 41.74 ng/ml



#14 AR-1232-4

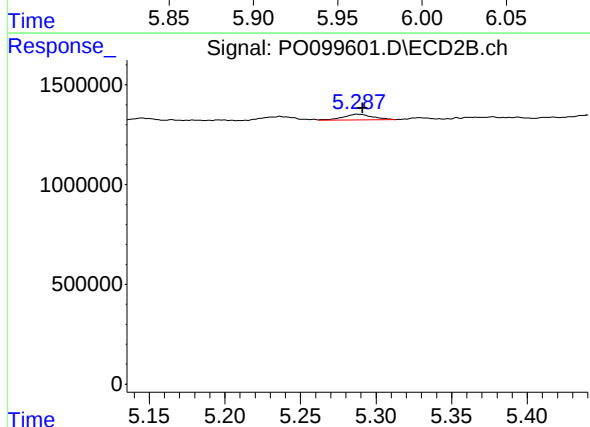
R.T.: 5.112 min
Delta R.T.: -0.005 min
Response: 331862
Conc: 40.92 ng/ml



#15 AR-1232-5

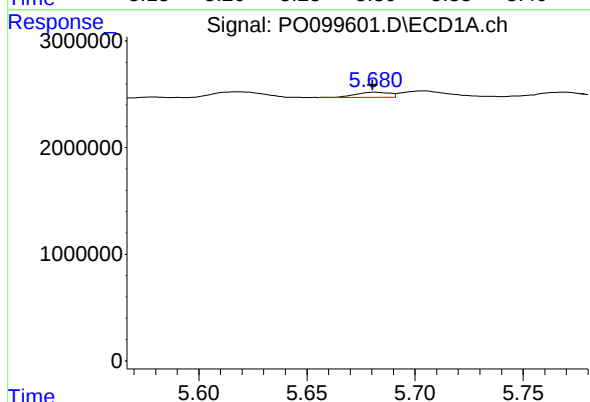
R.T.: 5.959 min
Delta R.T.: 0.003 min
Response: 502990
Conc: 43.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



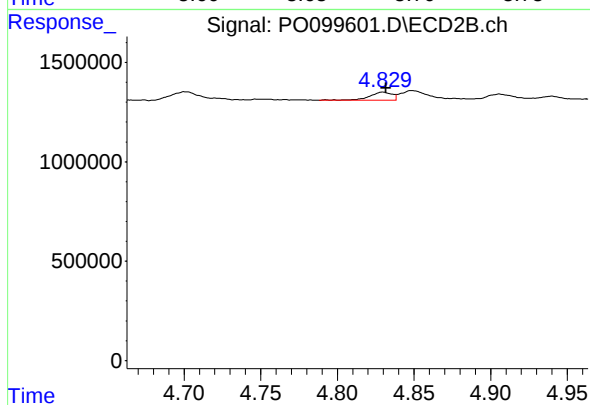
#15 AR-1232-5

R.T.: 5.289 min
Delta R.T.: -0.003 min
Response: 389259
Conc: 45.51 ng/ml



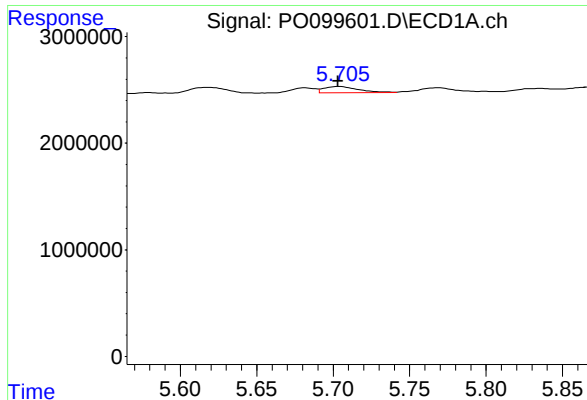
#16 AR-1242-1

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 538182
Conc: 17.16 ng/ml



#16 AR-1242-1

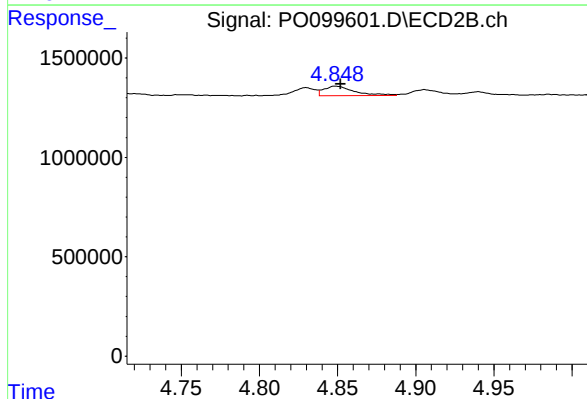
R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 410005
Conc: 18.53 ng/ml



#17 AR-1242-2

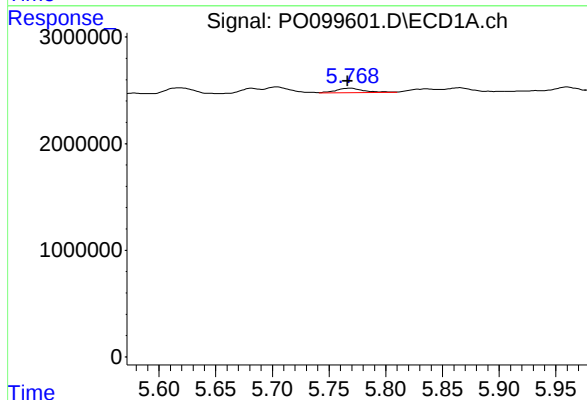
R.T.: 5.704 min
Delta R.T.: 0.001 min
Response: 912398
Conc: 17.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



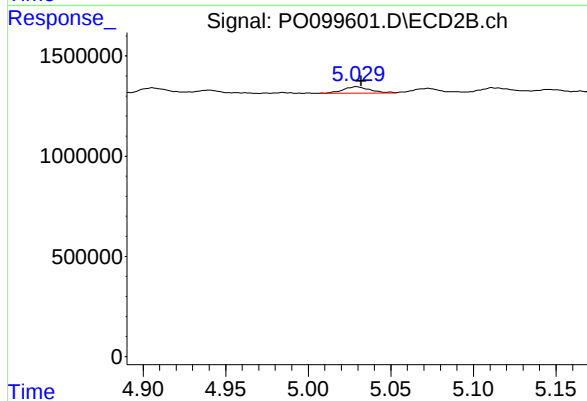
#17 AR-1242-2

R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 655914
Conc: 22.03 ng/ml



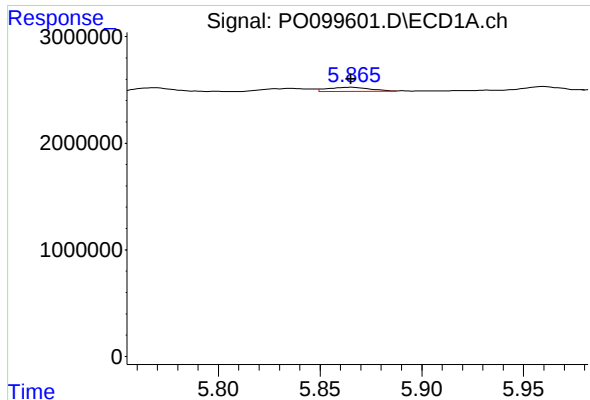
#18 AR-1242-3

R.T.: 5.769 min
Delta R.T.: 0.003 min
Response: 700792
Conc: 20.11 ng/ml



#18 AR-1242-3

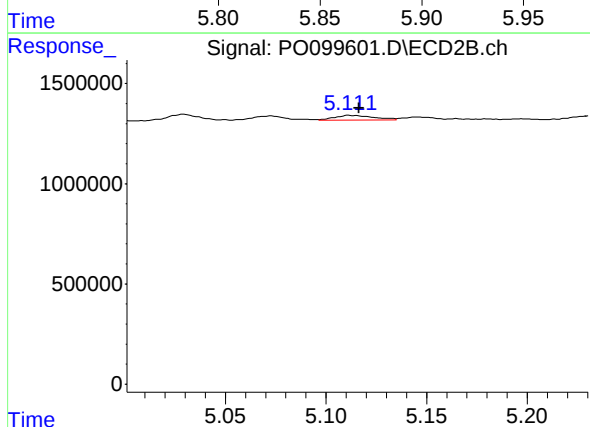
R.T.: 5.029 min
Delta R.T.: -0.003 min
Response: 375786
Conc: 22.78 ng/ml



#19 AR-1242-4

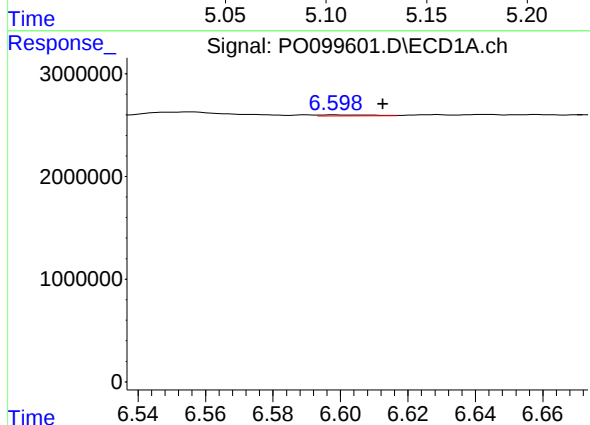
R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 562948
Conc: 22.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



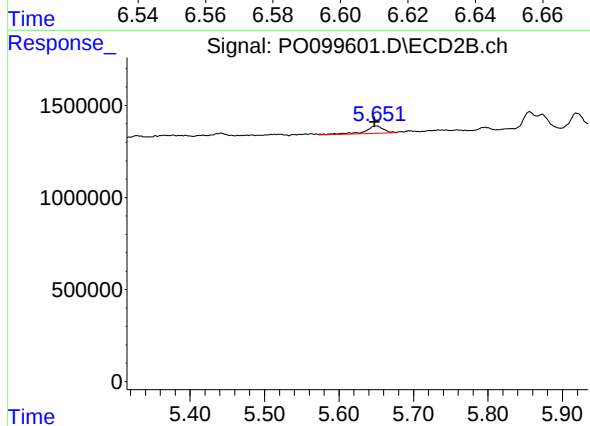
#19 AR-1242-4

R.T.: 5.112 min
Delta R.T.: -0.005 min
Response: 331862
Conc: 19.70 ng/ml



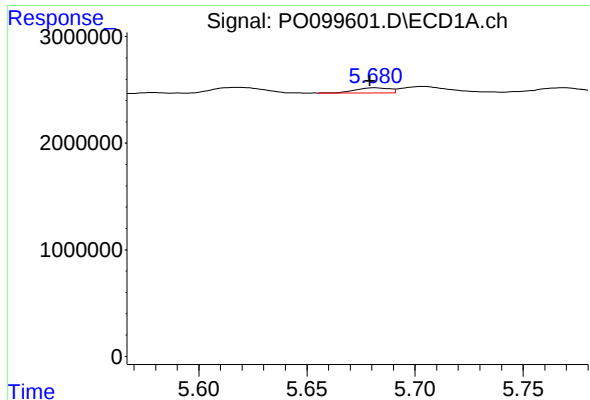
#20 AR-1242-5

R.T.: 6.598 min
Delta R.T.: -0.014 min
Response: 94840
Conc: 4.64 ng/ml



#20 AR-1242-5

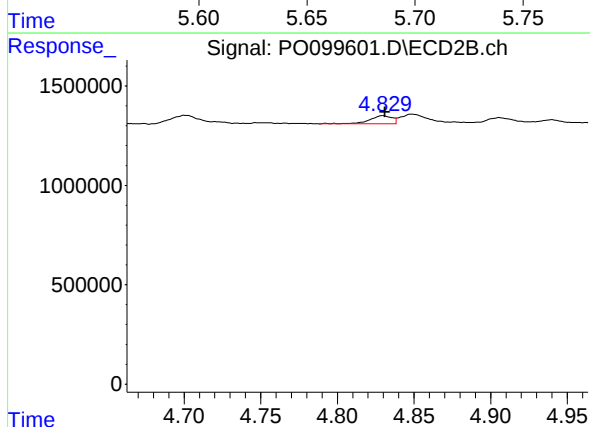
R.T.: 5.651 min
Delta R.T.: 0.003 min
Response: 720794
Conc: 41.29 ng/ml



#21 AR-1248-1

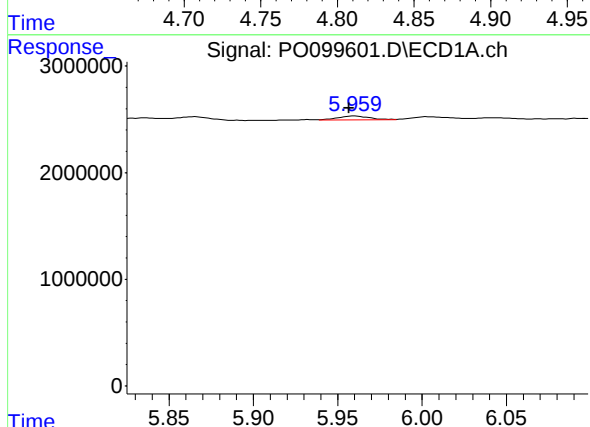
R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 538182
Conc: 22.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



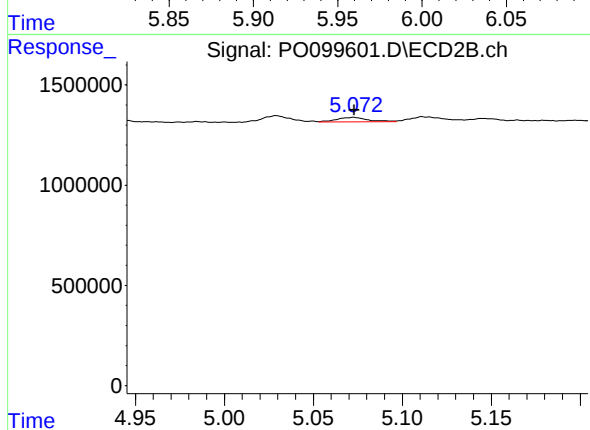
#21 AR-1248-1

R.T.: 4.830 min
Delta R.T.: -0.001 min
Response: 410005
Conc: 23.75 ng/ml



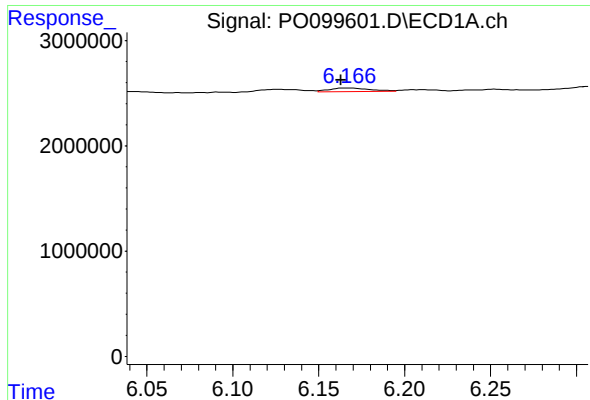
#22 AR-1248-2

R.T.: 5.959 min
Delta R.T.: 0.003 min
Response: 502990
Conc: 12.94 ng/ml



#22 AR-1248-2

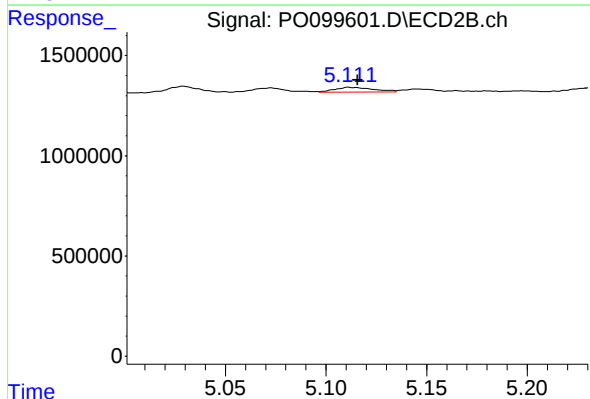
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 282836
Conc: 12.01 ng/ml



#23 AR-1248-3

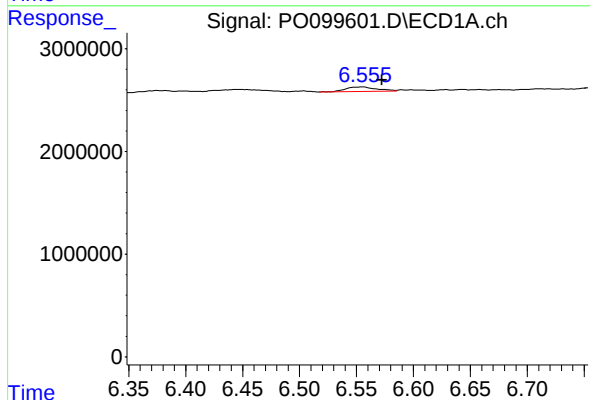
R.T.: 6.167 min
Delta R.T.: 0.004 min
Response: 573984
Conc: 13.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



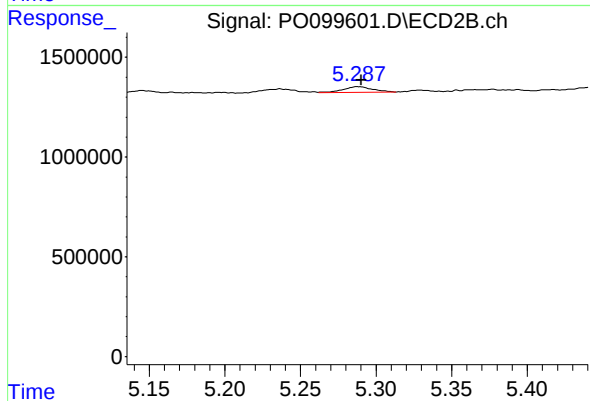
#23 AR-1248-3

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 331862
Conc: 13.40 ng/ml



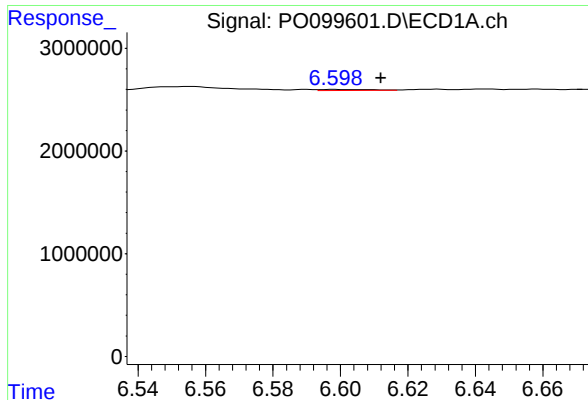
#24 AR-1248-4

R.T.: 6.556 min
Delta R.T.: -0.017 min
Response: 836198
Conc: 21.77 ng/ml



#24 AR-1248-4

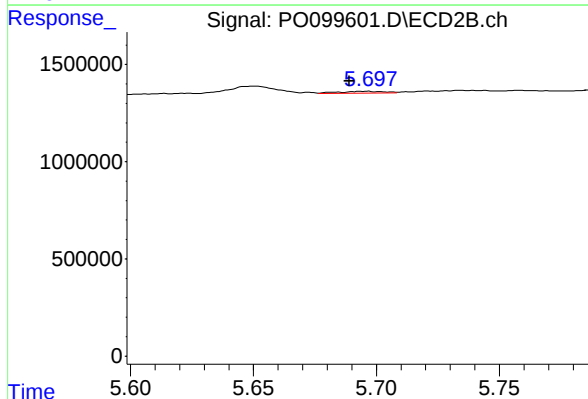
R.T.: 5.289 min
Delta R.T.: -0.002 min
Response: 389259
Conc: 14.12 ng/ml



#25 AR-1248-5

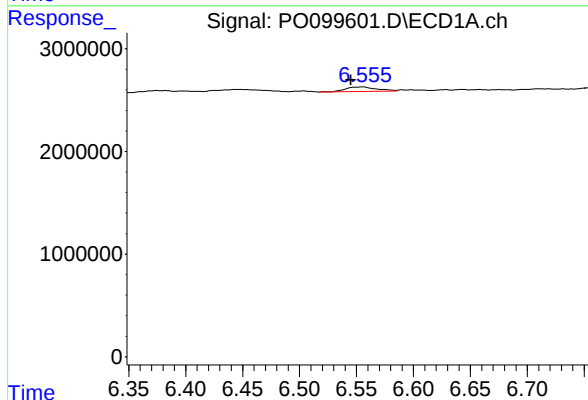
R.T.: 6.598 min
Delta R.T.: -0.014 min
Response: 94840
Conc: 2.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



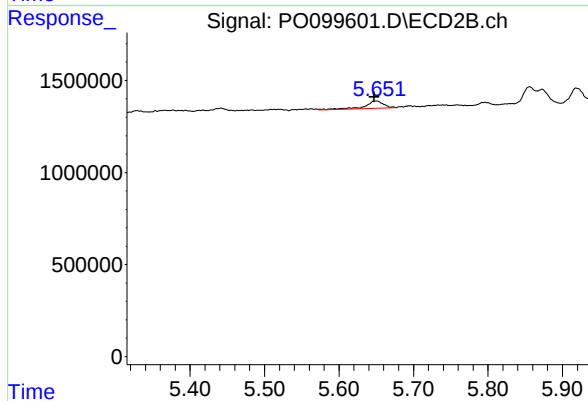
#25 AR-1248-5

R.T.: 5.696 min
Delta R.T.: 0.007 min
Response: 112589
Conc: 4.93 ng/ml



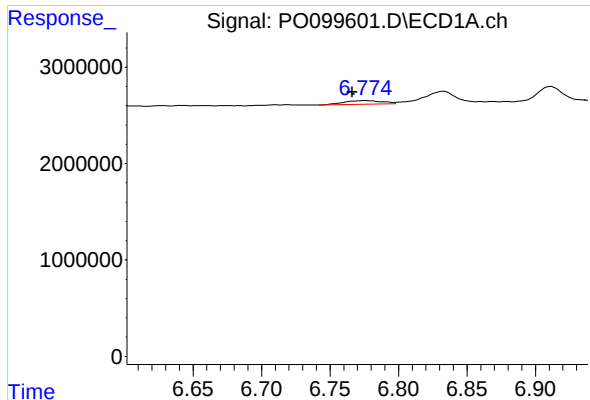
#26 AR-1254-1

R.T.: 6.556 min
Delta R.T.: 0.011 min
Response: 836198
Conc: 18.58 ng/ml



#26 AR-1254-1

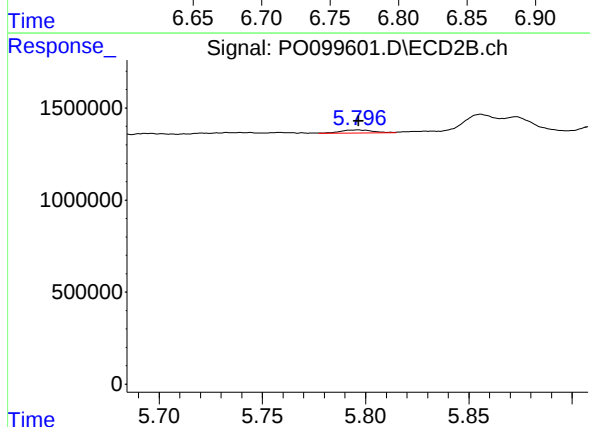
R.T.: 5.651 min
Delta R.T.: 0.003 min
Response: 720794
Conc: 19.82 ng/ml



#27 AR-1254-2

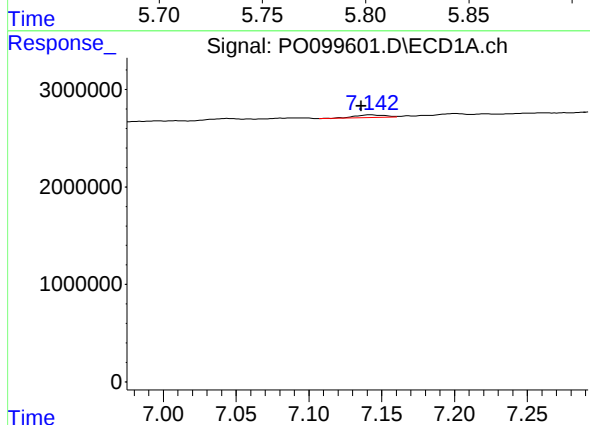
R.T.: 6.775 min
Delta R.T.: 0.009 min
Response: 717923
Conc: 11.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



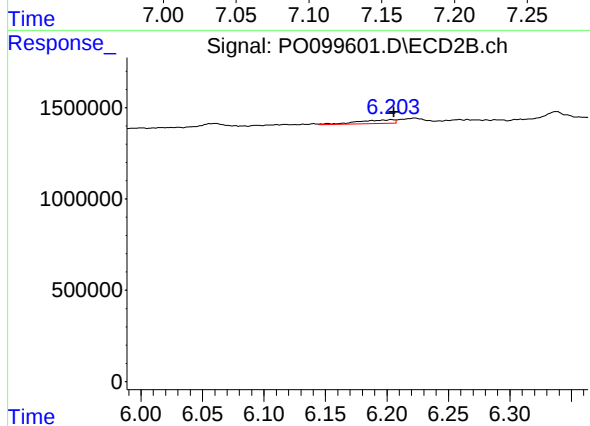
#27 AR-1254-2

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 184176
Conc: 5.67 ng/ml



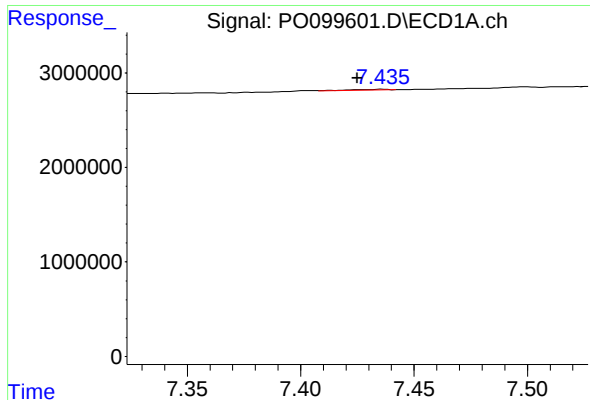
#28 AR-1254-3

R.T.: 7.142 min
Delta R.T.: 0.006 min
Response: 369015
Conc: 6.34 ng/ml



#28 AR-1254-3

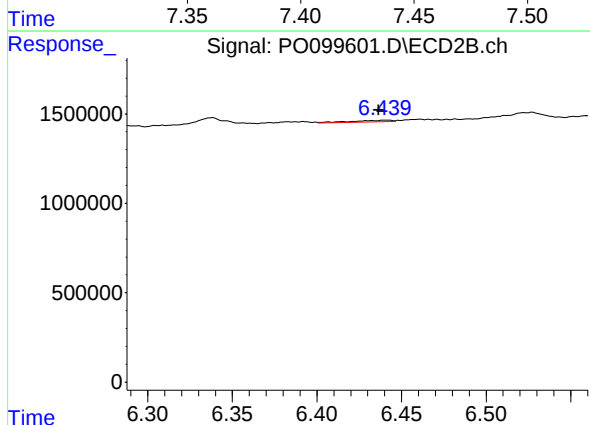
R.T.: 6.204 min
Delta R.T.: -0.002 min
Response: 429354
Conc: 7.92 ng/ml



#29 AR-1254-4

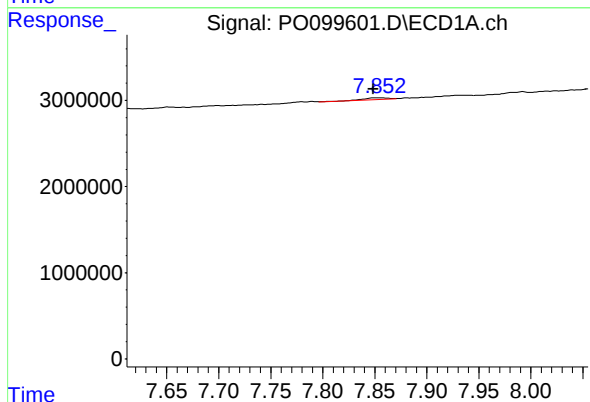
R.T.: 7.436 min
Delta R.T.: 0.011 min
Response: 107874
Conc: 3.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



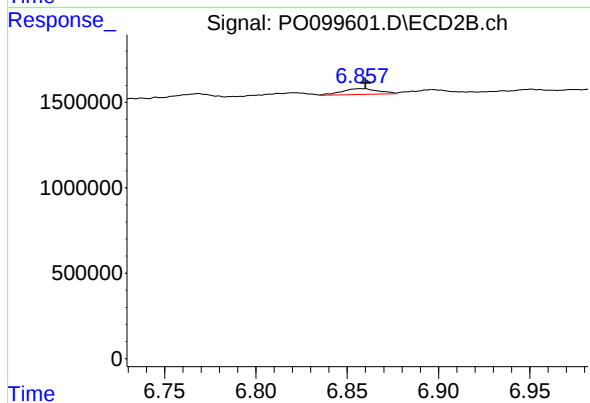
#29 AR-1254-4

R.T.: 6.441 min
Delta R.T.: 0.005 min
Response: 139548
Conc: 4.96 ng/ml



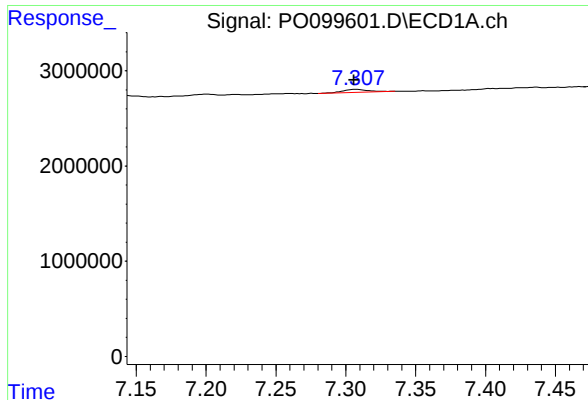
#30 AR-1254-5

R.T.: 7.853 min
Delta R.T.: 0.004 min
Response: 354494
Conc: 9.06 ng/ml



#30 AR-1254-5

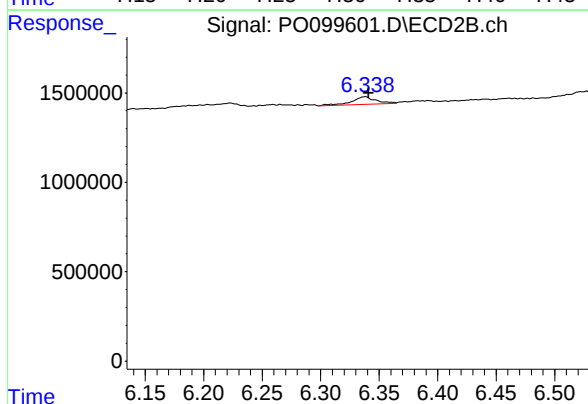
R.T.: 6.858 min
Delta R.T.: -0.002 min
Response: 468678
Conc: 9.62 ng/ml



#31 AR-1260-1

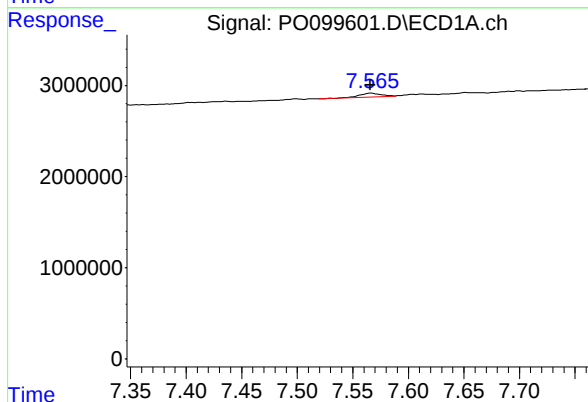
R.T.: 7.308 min
Delta R.T.: 0.002 min
Response: 412530
Conc: 8.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



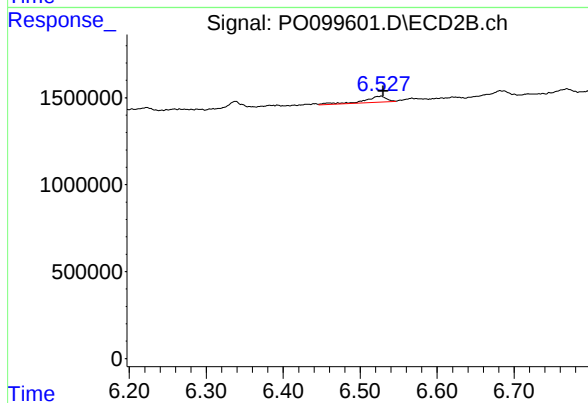
#31 AR-1260-1

R.T.: 6.338 min
Delta R.T.: -0.003 min
Response: 622694
Conc: 14.44 ng/ml



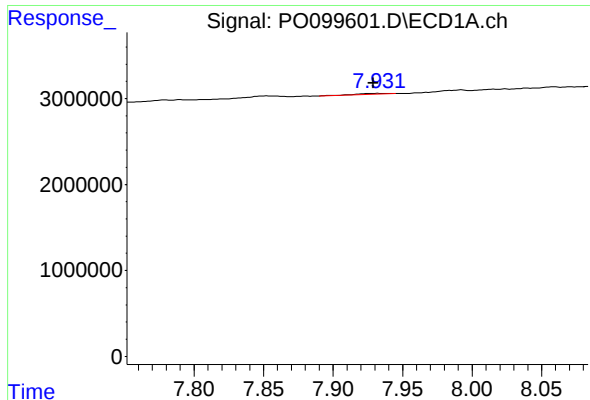
#32 AR-1260-2

R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 573010
Conc: 11.22 ng/ml



#32 AR-1260-2

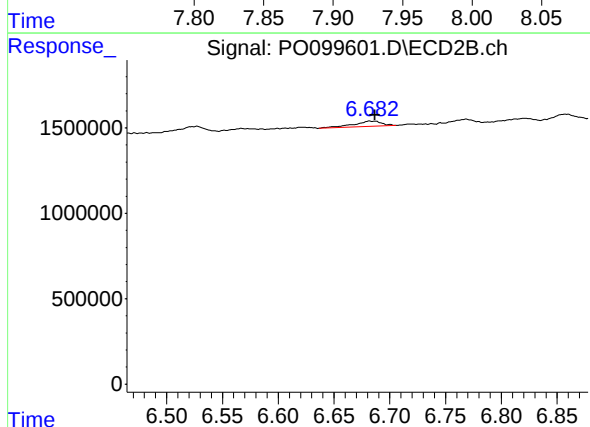
R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 686148
Conc: 14.64 ng/ml



#33 AR-1260-3

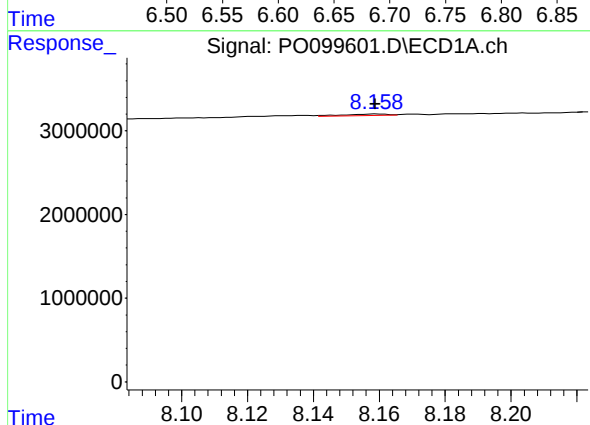
R.T.: 7.932 min
Delta R.T.: 0.003 min
Response: 174903
Conc: 4.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



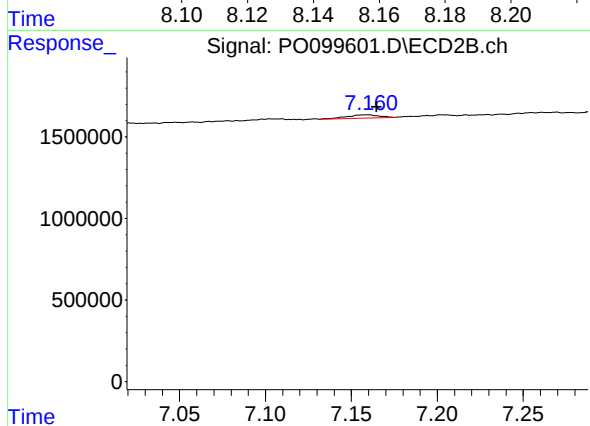
#33 AR-1260-3

R.T.: 6.682 min
Delta R.T.: -0.005 min
Response: 544025
Conc: 11.92 ng/ml



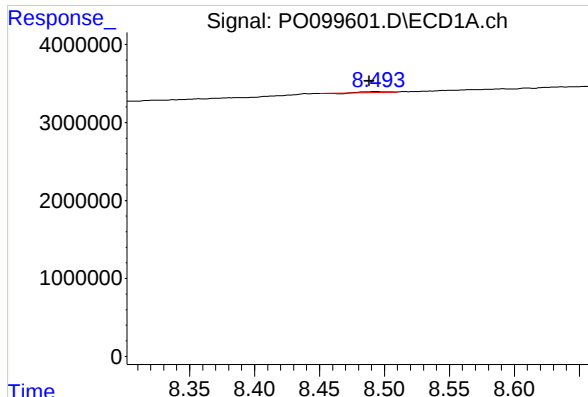
#34 AR-1260-4

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 170025
Conc: 4.31 ng/ml



#34 AR-1260-4

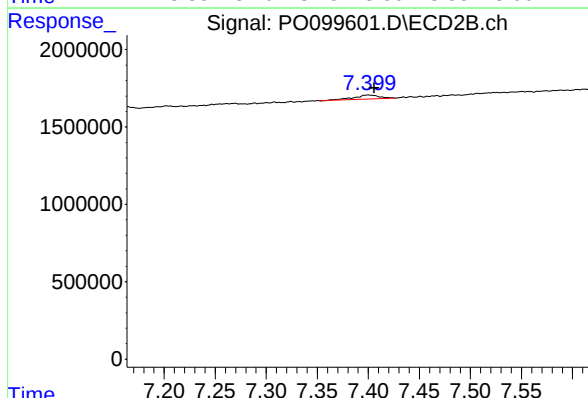
R.T.: 7.159 min
Delta R.T.: -0.006 min
Response: 275680
Conc: 7.50 ng/ml



#35 AR-1260-5

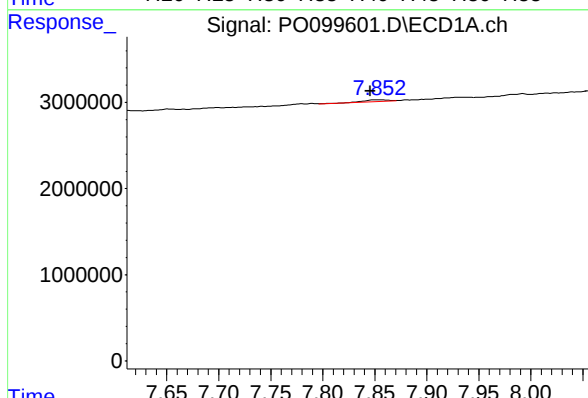
R.T.: 8.493 min
Delta R.T.: 0.005 min
Response: 49386
Conc: 0.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



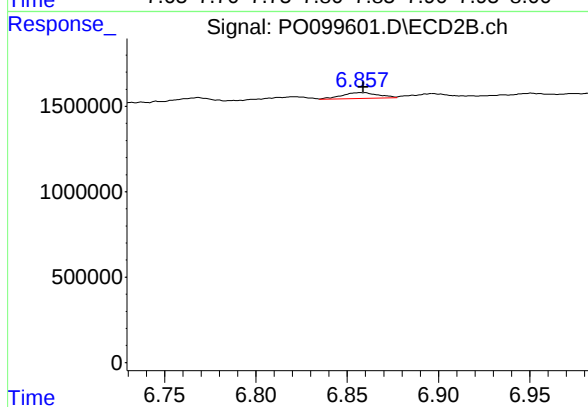
#35 AR-1260-5

R.T.: 7.400 min
Delta R.T.: -0.007 min
Response: 441031
Conc: 6.05 ng/ml



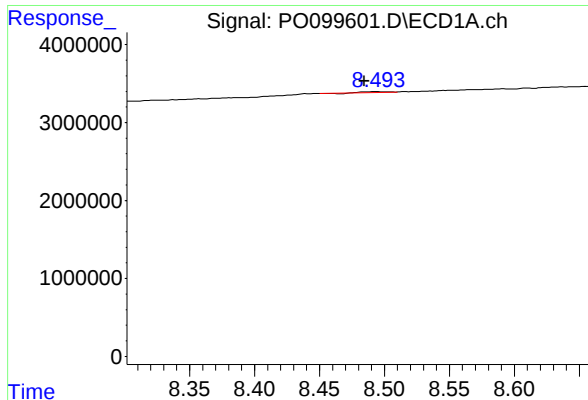
#36 AR-1262-1

R.T.: 7.853 min
Delta R.T.: 0.007 min
Response: 354494
Conc: 11.22 ng/ml



#36 AR-1262-1

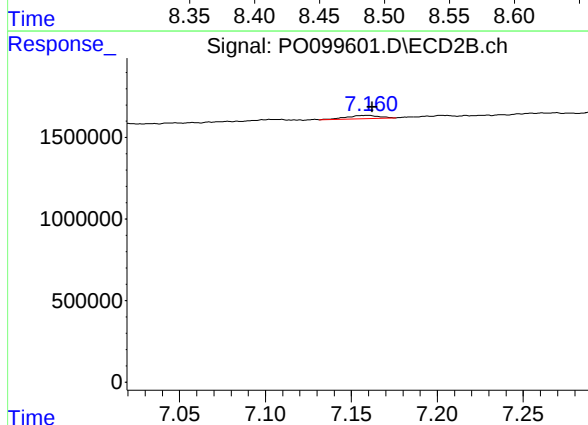
R.T.: 6.858 min
Delta R.T.: -0.001 min
Response: 468678
Conc: 19.07 ng/ml



#37 AR-1262-2

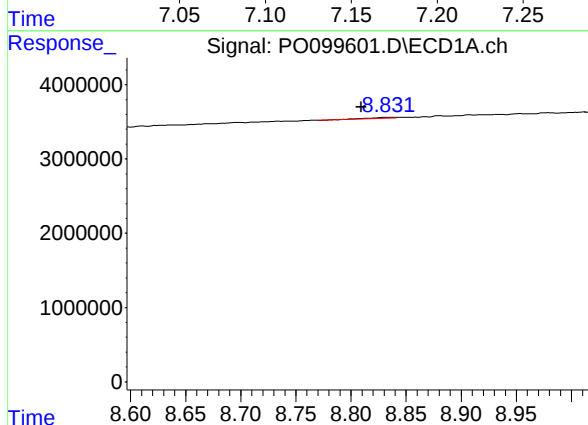
R.T.: 8.493 min
Delta R.T.: 0.009 min
Response: 49386
Conc: 0.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



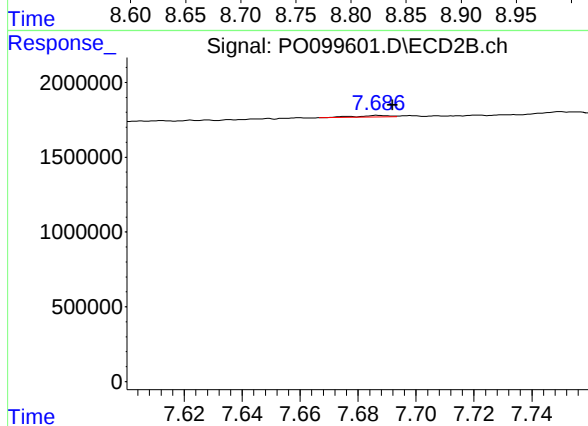
#37 AR-1262-2

R.T.: 7.159 min
Delta R.T.: -0.003 min
Response: 275680
Conc: 5.56 ng/ml



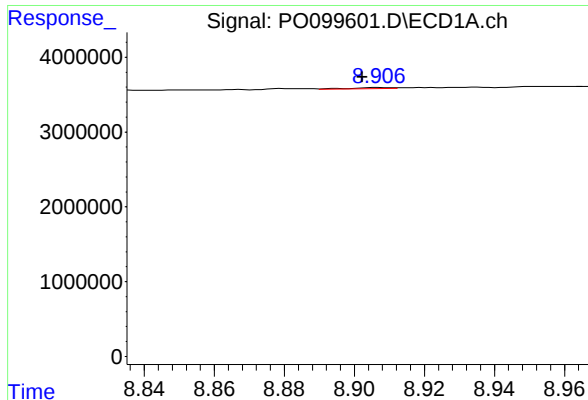
#38 AR-1262-3

R.T.: 8.832 min
Delta R.T.: 0.023 min
Response: 250088
Conc: 4.87 ng/ml



#38 AR-1262-3

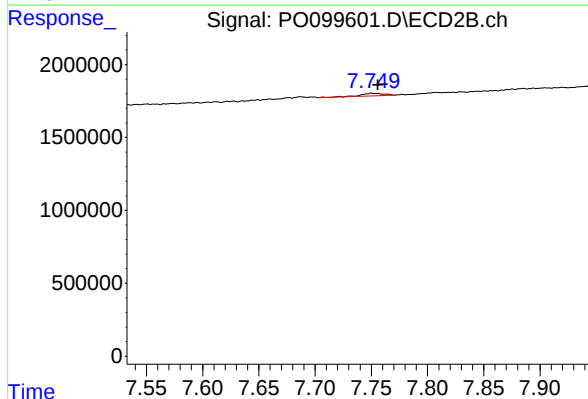
R.T.: 7.687 min
Delta R.T.: -0.005 min
Response: 88267
Conc: 2.39 ng/ml



#39 AR-1262-4

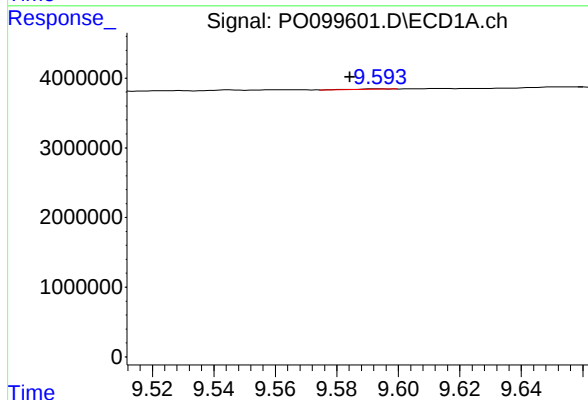
R.T.: 8.907 min
Delta R.T.: 0.005 min
Response: 123675
Conc: 3.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



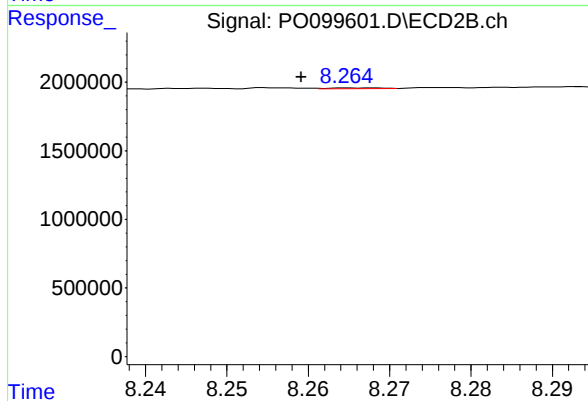
#39 AR-1262-4

R.T.: 7.750 min
Delta R.T.: -0.006 min
Response: 280787
Conc: 4.37 ng/ml



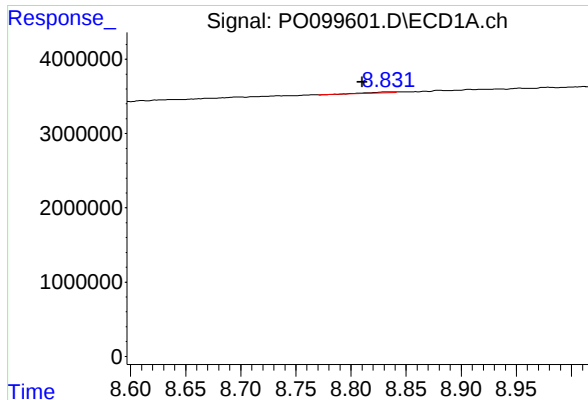
#40 AR-1262-5

R.T.: 9.594 min
Delta R.T.: 0.009 min
Response: 35283
Conc: 1.66 ng/ml



#40 AR-1262-5

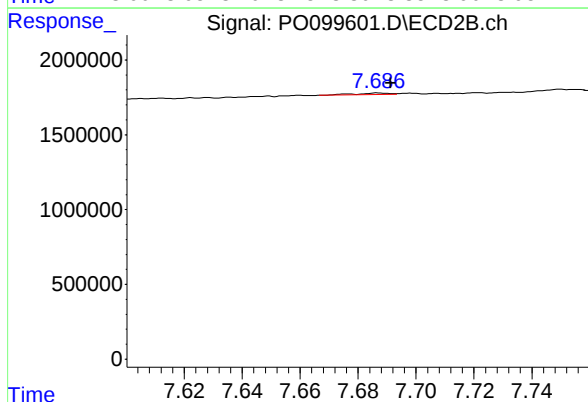
R.T.: 8.267 min
Delta R.T.: 0.008 min
Response: 25110
Conc: 0.91 ng/ml



#41 AR-1268-1

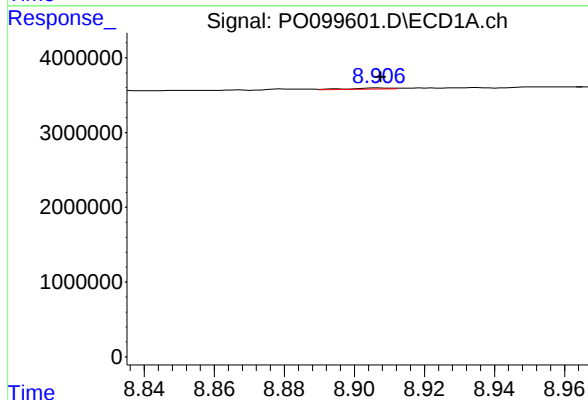
R.T.: 8.832 min
Delta R.T.: 0.022 min
Response: 250088
Conc: 2.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



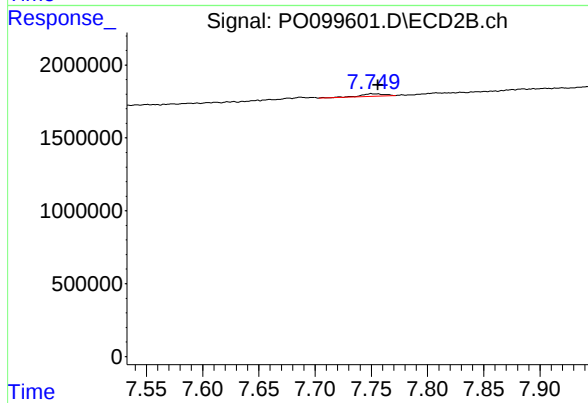
#41 AR-1268-1

R.T.: 7.687 min
Delta R.T.: -0.004 min
Response: 88267
Conc: 0.80 ng/ml



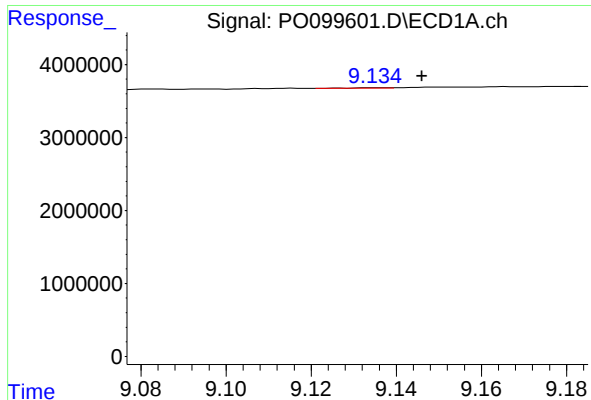
#42 AR-1268-2

R.T.: 8.907 min
Delta R.T.: 0.000 min
Response: 123675
Conc: 1.46 ng/ml



#42 AR-1268-2

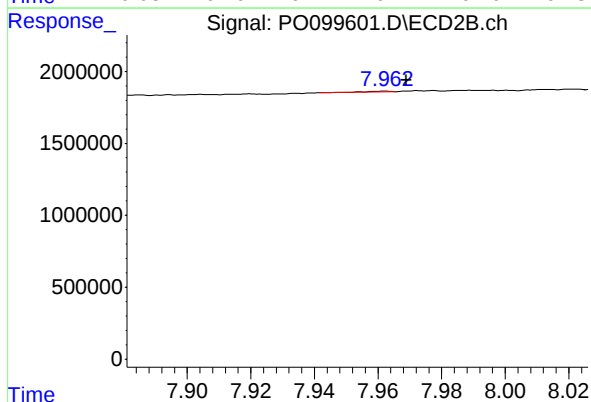
R.T.: 7.750 min
Delta R.T.: -0.006 min
Response: 280787
Conc: 2.85 ng/ml



#43 AR-1268-3

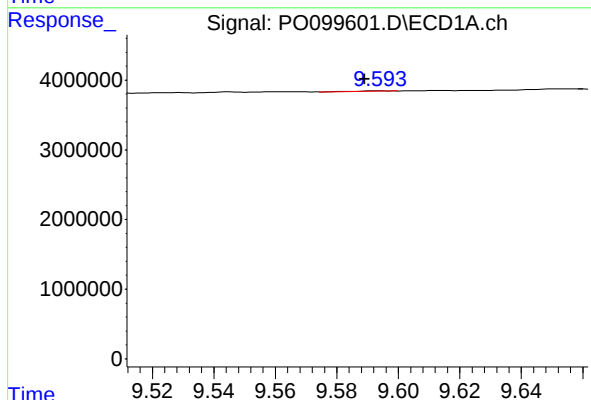
R.T.: 9.135 min
Delta R.T.: -0.011 min
Response: 25116
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



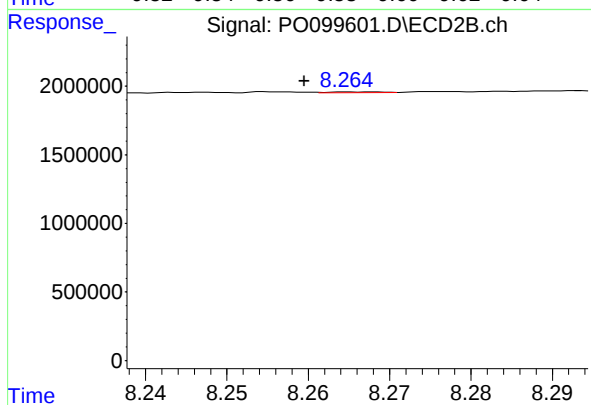
#43 AR-1268-3

R.T.: 7.962 min
Delta R.T.: -0.007 min
Response: 28500
Conc: 0.30 ng/ml



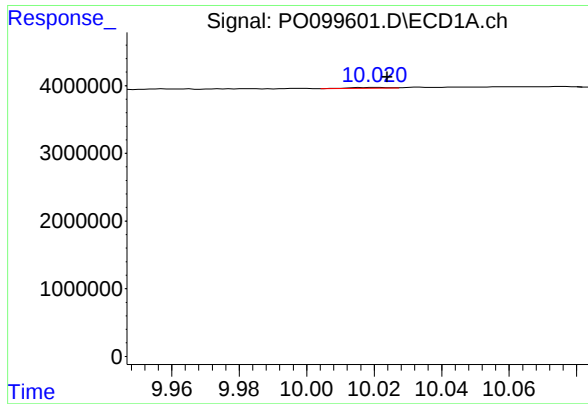
#44 AR-1268-4

R.T.: 9.594 min
Delta R.T.: 0.005 min
Response: 35283
Conc: 1.45 ng/ml



#44 AR-1268-4

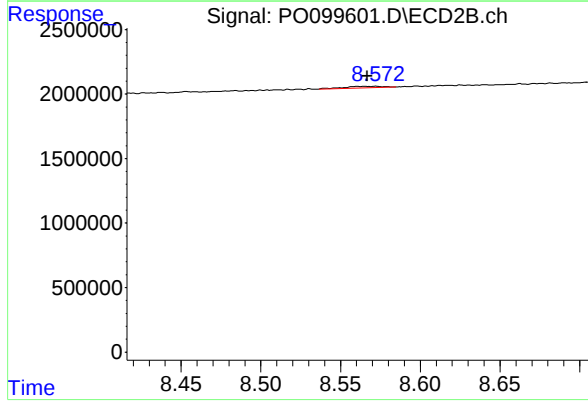
R.T.: 8.267 min
Delta R.T.: 0.007 min
Response: 25110
Conc: 0.84 ng/ml



#45 AR-1268-5

R.T.: 10.021 min
Delta R.T.: -0.003 min
Response: 110498
Conc: 0.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.572 min
Delta R.T.: 0.005 min
Response: 203976
Conc: 0.81 ng/ml