

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0100323\
 Data File : P0098490.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 20:46
 Operator : YP/AJ
 Sample : 04697-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:34:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 28 01:18:56 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...	4.484	3.637	41277650	17356154	21.497	22.284
2) SA Decachlor...	10.301	8.644	27986619	12746712	23.056	23.792
Target Compounds						
3) L1 AR-1016-1	5.657	4.735	241928	266953	4.477	11.184 #
4) L1 AR-1016-2	5.683	4.735	341790	266953	4.210	7.840 #
5) L1 AR-1016-3	5.747	4.913	26207	123131	0.524	6.845 #
6) L1 AR-1016-4	5.843	4.952	-63168	27175	N.D.	1.813 #
7) L1 AR-1016-5	6.141	5.168	141568	139591	3.443	7.188 #
8) L2 AR-1221-1	4.693	3.868	558721	71275	24.815	7.758 #
9) L2 AR-1221-2	4.792	3.938	640599	533966	37.966	80.302 #
10) L2 AR-1221-3	4.847	4.010	49438	108379	1.011	5.373 #
11) L3 AR-1232-1	4.847	4.010	49438	108379	1.210	6.448 #
12) L3 AR-1232-2	5.393	4.735	80555	266953	3.725	17.766 #
13) L3 AR-1232-3	5.683	4.913	341790	123131	9.615	15.732 #
14) L3 AR-1232-4	5.843	4.997	-63168	134255	N.D.	17.855 #
15) L3 AR-1232-5	5.931	5.168	88166	139591	6.192	17.255 #
16) L4 AR-1242-1	5.657	4.735	241928	266953	5.313	12.751 #
17) L4 AR-1242-2	5.683	4.735	341790	266953	4.990	9.181 #
18) L4 AR-1242-3	5.747	4.913	26207	123131	0.619	7.879 #
19) L4 AR-1242-4	5.843	4.997	-63168	134255	N.D.	8.106 #
20) L4 AR-1242-5	6.602	5.514	3630726	429924	102.501	23.166 #
21) L5 AR-1248-1	5.657	4.735	241928	266953	7.149	17.035 #
22) L5 AR-1248-2	5.931	4.952	88166	27175	1.702	1.235 #
23) L5 AR-1248-3	6.141	4.997	141568	134255	2.505	5.718 #
24) L5 AR-1248-4	6.543	5.168	448697	139591	7.915	5.233 #
25) L5 AR-1248-5	6.602	5.567	3630726	368337	61.384	15.610 #
26) L6 AR-1254-1	6.527	5.514	116670	429924	1.847	11.212 #
27) L6 AR-1254-2	6.768	5.664	83318	222247	0.868	6.455 #
28) L6 AR-1254-3	7.107	6.069	323947	477763	3.443	9.194 #
29) L6 AR-1254-4	7.393	6.300	400373	262850	6.876	9.576 #
30) L6 AR-1254-5	7.828	6.721	534189	216558	7.648	4.999 #
31) L7 AR-1260-1	7.265	6.219	33967	92816	0.467	2.530 #
32) L7 AR-1260-2	7.533	6.396	144532	163767	1.755	3.903 #
33) L7 AR-1260-3	7.898	6.545	84302	161181	1.363	4.028 #
34) L7 AR-1260-4	8.096	7.002	2366048	233733	35.098	7.258 #
35) L7 AR-1260-5	8.437	7.263	576068	142292	4.434	2.031 #
36) L8 AR-1262-1	7.898	6.764	84302	126432	0.969	2.793 #
37) L8 AR-1262-2	8.437	7.002	576068	233733	4.084	5.796 #
38) L8 AR-1262-3	8.764	7.548	198918	378353	2.015	12.188 #
39) L8 AR-1262-4	8.851	7.617	215720	66137	2.811	1.221 #
40) L8 AR-1262-5	9.530	8.106	23987	34544	0.494	1.399 #
41) L9 AR-1268-1	8.764	7.548	198918	378353	1.146	4.140 #

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 ALS Vial : 17 Sample Multiplier: 1

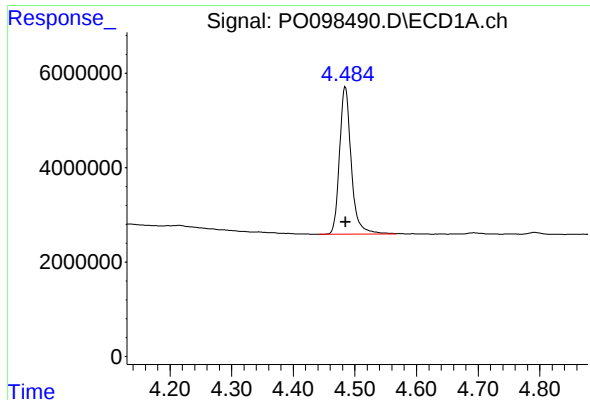
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:34:29 2023
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 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	8.851	7.617	215720	66137	1.383	0.853 #
43) L9	AR-1268-3	9.091	7.850	44078	136667	0.322	2.062 #
44) L9	AR-1268-4	9.530	8.106	23987	34544	0.450	1.276 #
45) L9	AR-1268-5	9.965	8.393	44943	36372	0.102	0.184 #

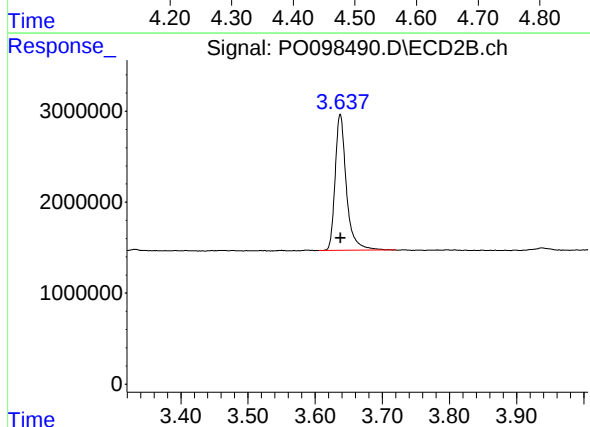
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

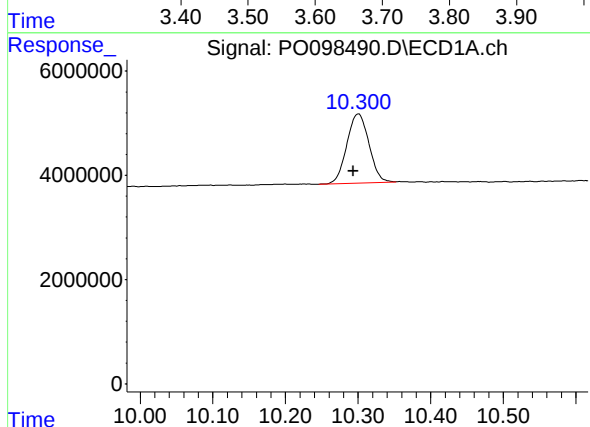
R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 41277650
Conc: 21.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



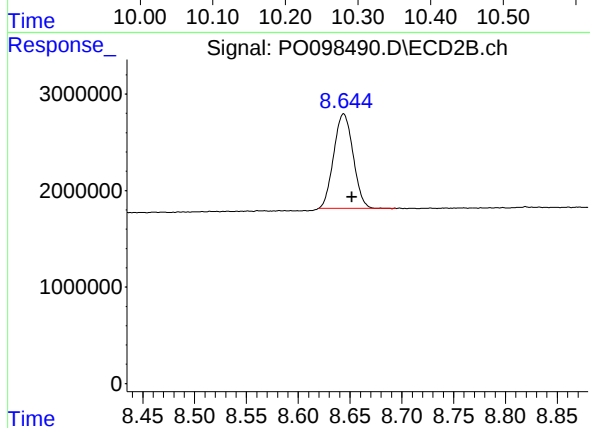
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: 0.000 min
Response: 17356154
Conc: 22.28 ng/ml



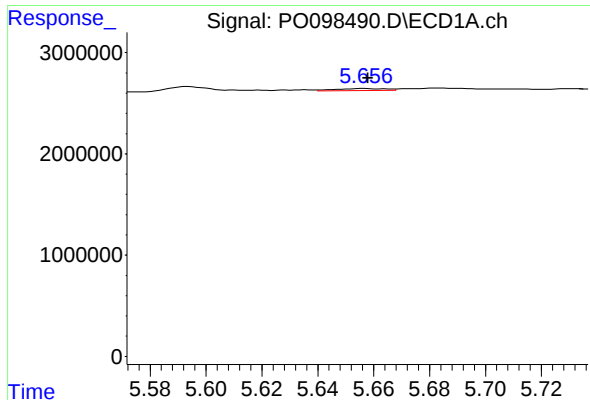
#2 Decachlorobiphenyl

R.T.: 10.301 min
Delta R.T.: 0.007 min
Response: 27986619
Conc: 23.06 ng/ml



#2 Decachlorobiphenyl

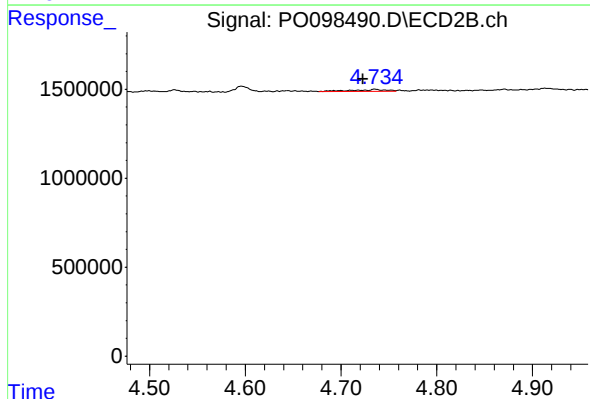
R.T.: 8.644 min
Delta R.T.: -0.008 min
Response: 12746712
Conc: 23.79 ng/ml



#3 AR-1016-1

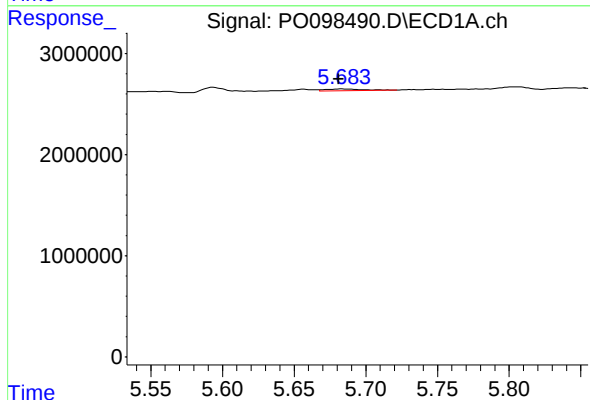
R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 241928
Conc: 4.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



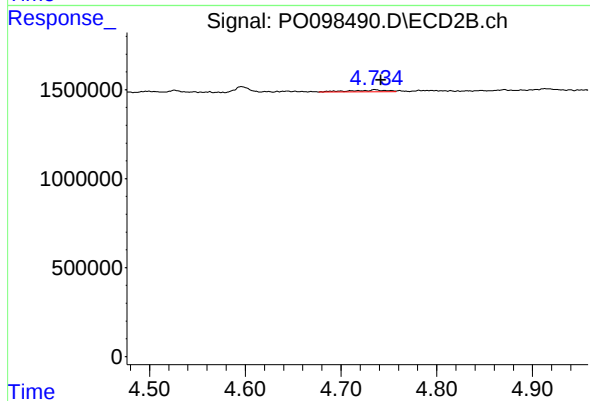
#3 AR-1016-1

R.T.: 4.735 min
Delta R.T.: 0.013 min
Response: 266953
Conc: 11.18 ng/ml



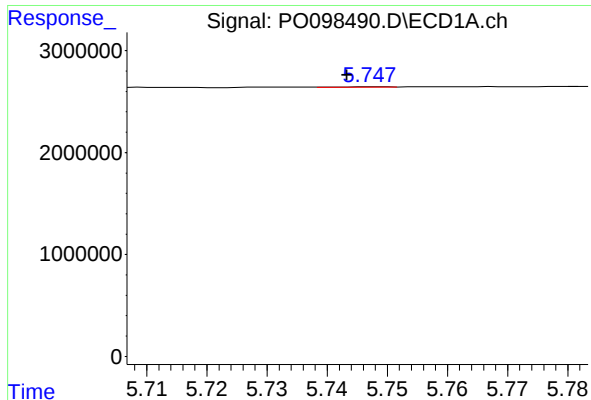
#4 AR-1016-2

R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 341790
Conc: 4.21 ng/ml



#4 AR-1016-2

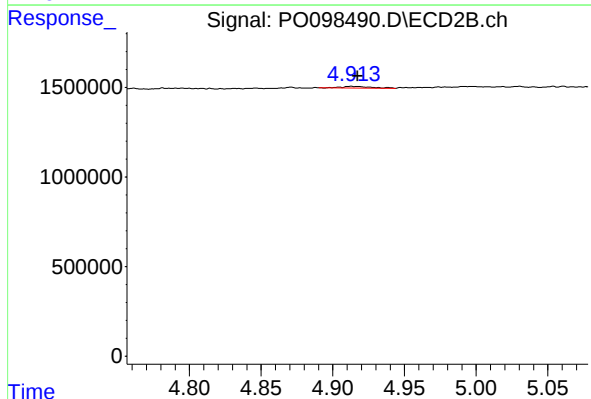
R.T.: 4.735 min
Delta R.T.: -0.006 min
Response: 266953
Conc: 7.84 ng/ml



#5 AR-1016-3

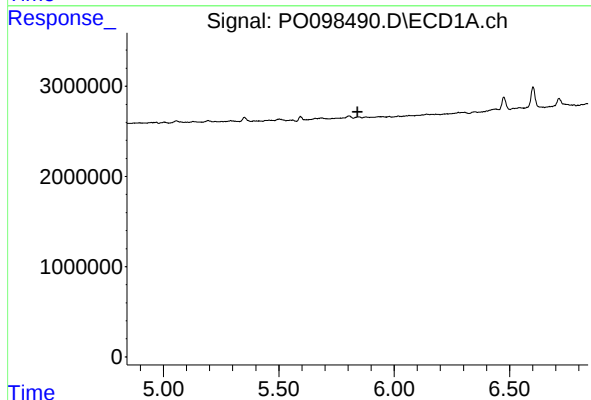
R.T.: 5.747 min
Delta R.T.: 0.004 min
Response: 26207
Conc: 0.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



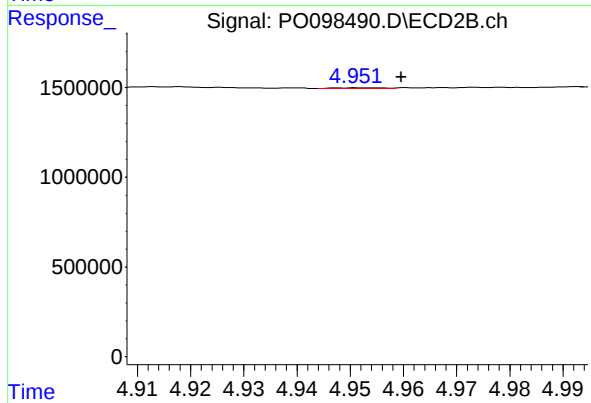
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: -0.005 min
Response: 123131
Conc: 6.84 ng/ml



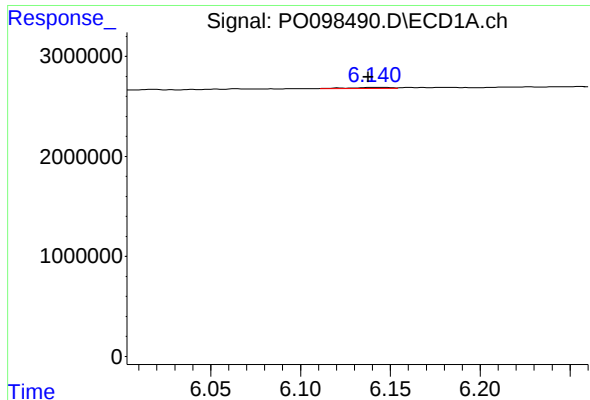
#6 AR-1016-4

R.T.: 5.843 min
Delta R.T.: 0.001 min
Response: -63168
Conc: N.D.



#6 AR-1016-4

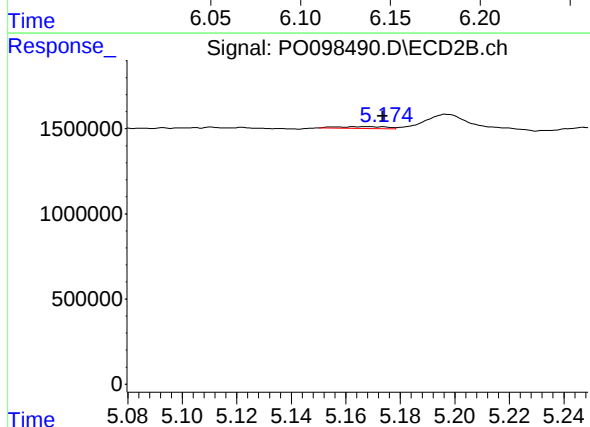
R.T.: 4.952 min
Delta R.T.: -0.008 min
Response: 27175
Conc: 1.81 ng/ml



#7 AR-1016-5

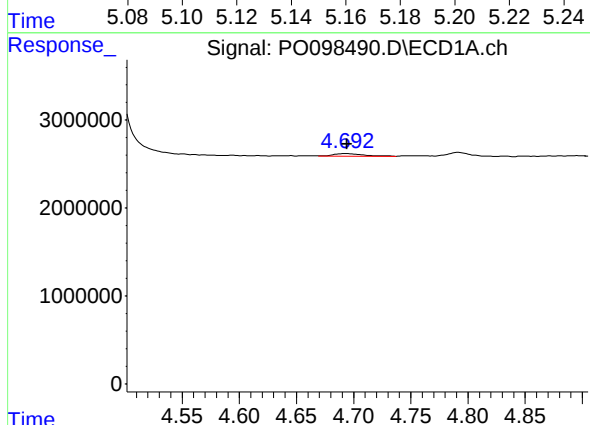
R.T.: 6.141 min
Delta R.T.: 0.003 min
Response: 141568
Conc: 3.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



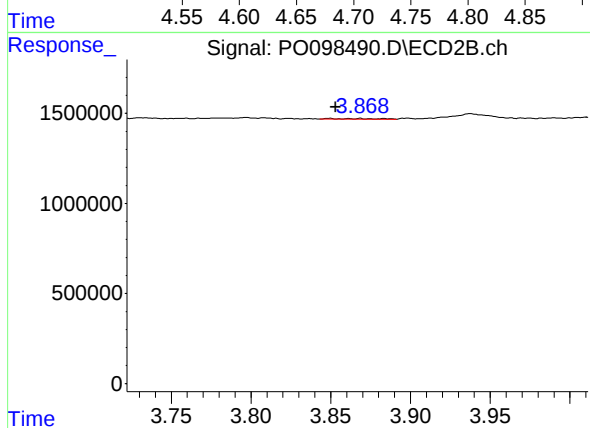
#7 AR-1016-5

R.T.: 5.168 min
Delta R.T.: -0.005 min
Response: 139591
Conc: 7.19 ng/ml



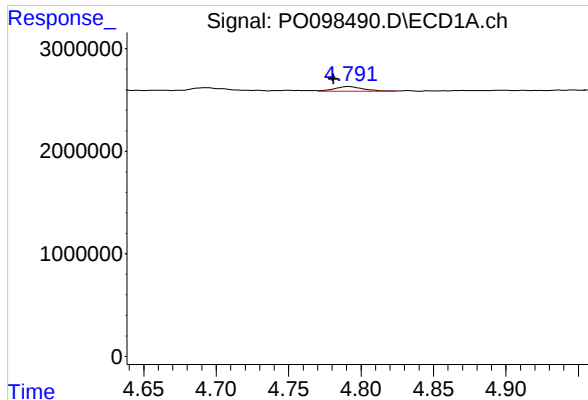
#8 AR-1221-1

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 558721
Conc: 24.82 ng/ml



#8 AR-1221-1

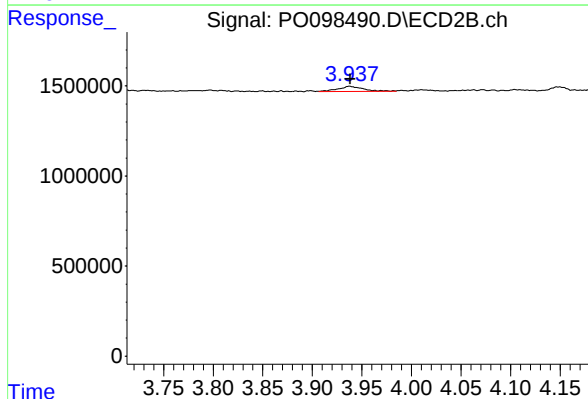
R.T.: 3.868 min
Delta R.T.: 0.015 min
Response: 71275
Conc: 7.76 ng/ml



#9 AR-1221-2

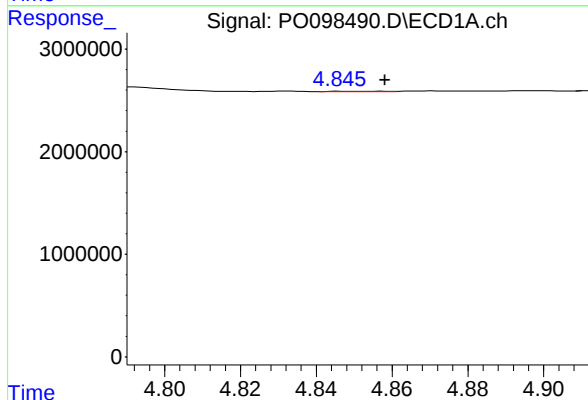
R.T.: 4.792 min
Delta R.T.: 0.011 min
Response: 640599
Conc: 37.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



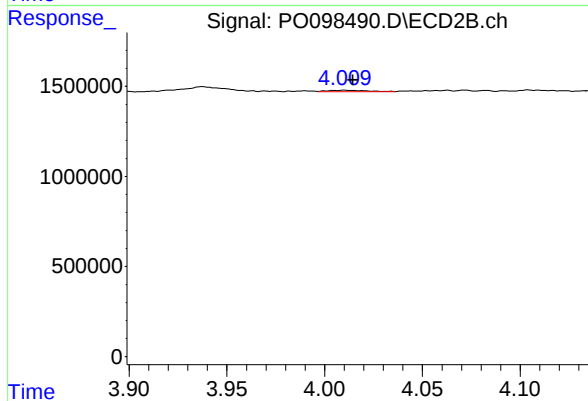
#9 AR-1221-2

R.T.: 3.938 min
Delta R.T.: 0.000 min
Response: 533966
Conc: 80.30 ng/ml



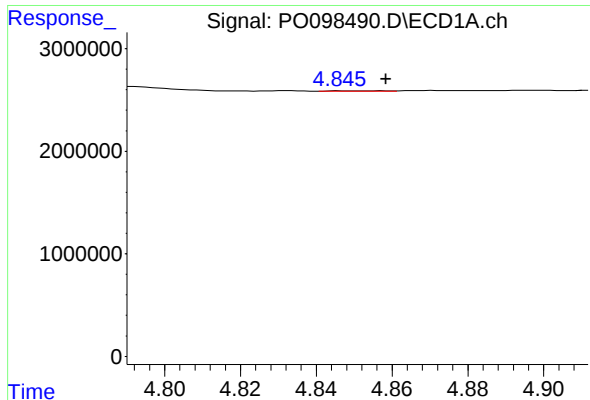
#10 AR-1221-3

R.T.: 4.847 min
Delta R.T.: -0.012 min
Response: 49438
Conc: 1.01 ng/ml



#10 AR-1221-3

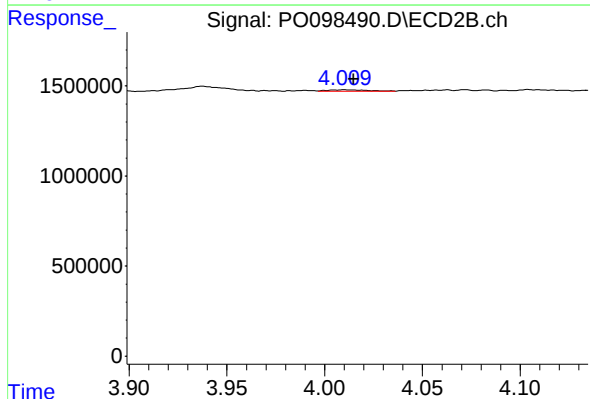
R.T.: 4.010 min
Delta R.T.: -0.005 min
Response: 108379
Conc: 5.37 ng/ml



#11 AR-1232-1

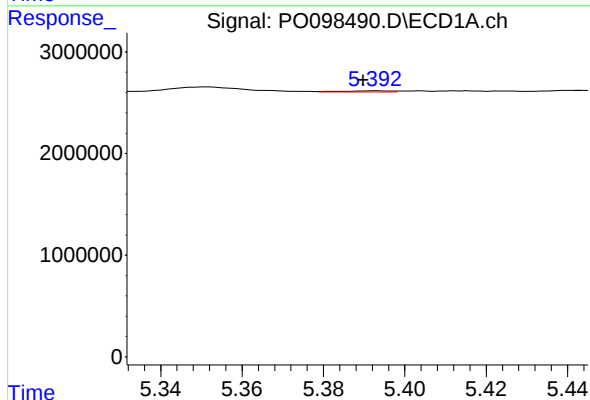
R.T.: 4.847 min
Delta R.T.: -0.012 min
Response: 49438
Conc: 1.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



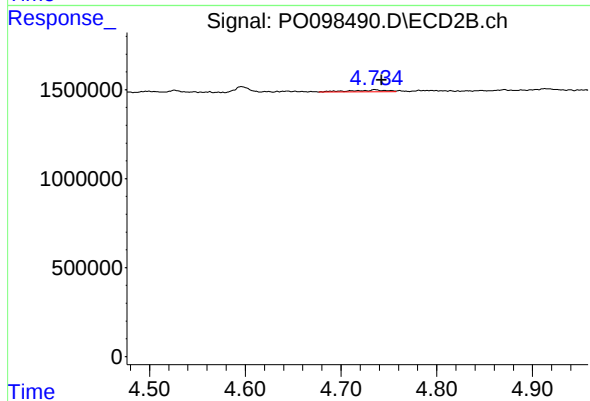
#11 AR-1232-1

R.T.: 4.010 min
Delta R.T.: -0.005 min
Response: 108379
Conc: 6.45 ng/ml



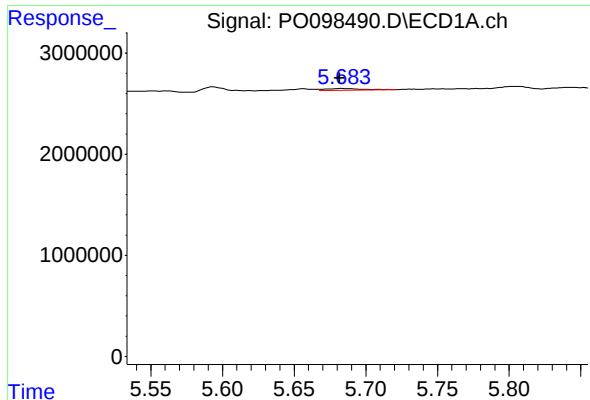
#12 AR-1232-2

R.T.: 5.393 min
Delta R.T.: 0.003 min
Response: 80555
Conc: 3.72 ng/ml



#12 AR-1232-2

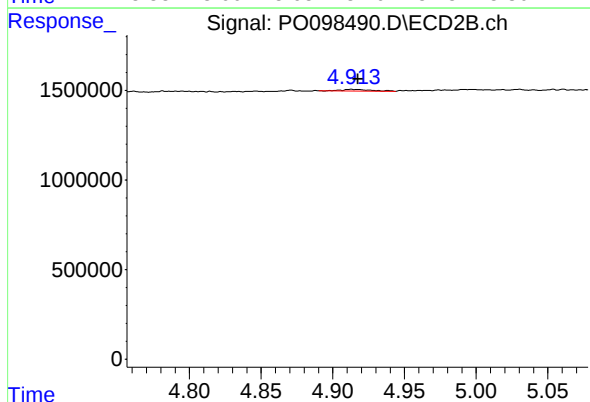
R.T.: 4.735 min
Delta R.T.: -0.007 min
Response: 266953
Conc: 17.77 ng/ml



#13 AR-1232-3

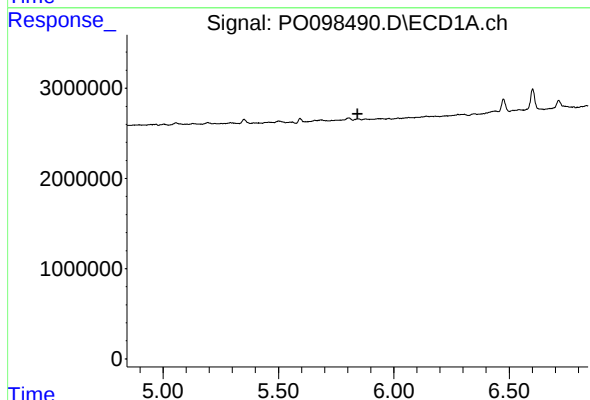
R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 341790
Conc: 9.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



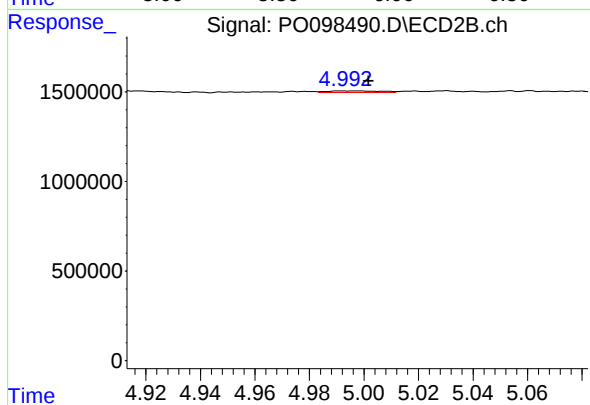
#13 AR-1232-3

R.T.: 4.913 min
Delta R.T.: -0.005 min
Response: 123131
Conc: 15.73 ng/ml



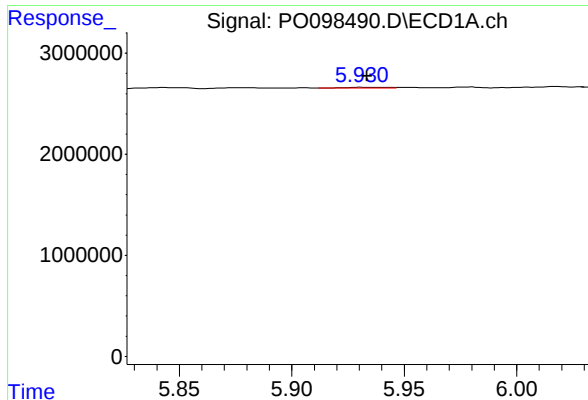
#14 AR-1232-4

R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: -63168
Conc: N.D.



#14 AR-1232-4

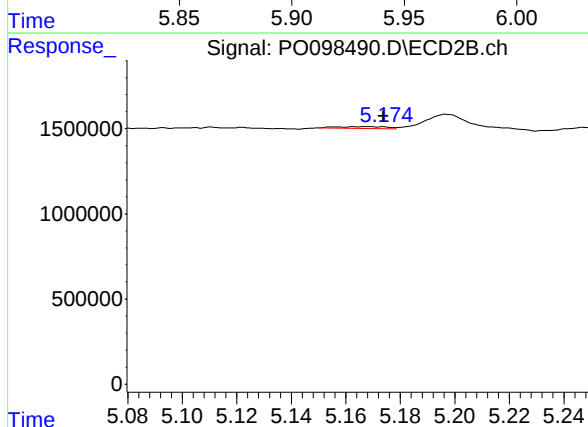
R.T.: 4.997 min
Delta R.T.: -0.004 min
Response: 134255
Conc: 17.86 ng/ml



#15 AR-1232-5

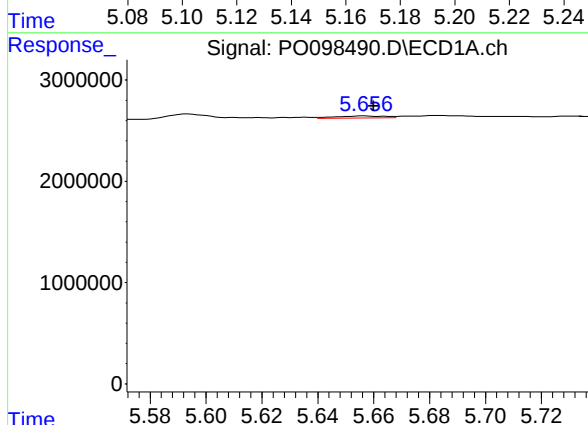
R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 88166
Conc: 6.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



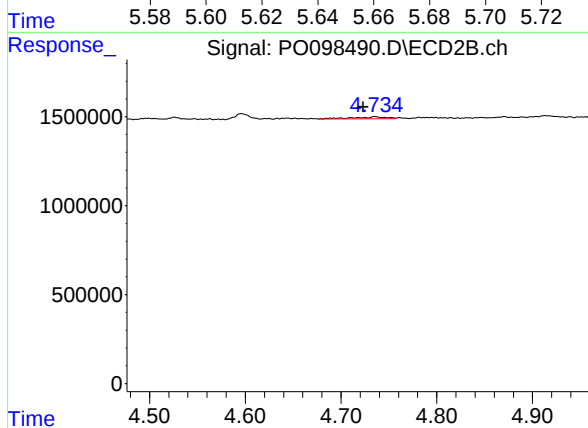
#15 AR-1232-5

R.T.: 5.168 min
Delta R.T.: -0.006 min
Response: 139591
Conc: 17.26 ng/ml



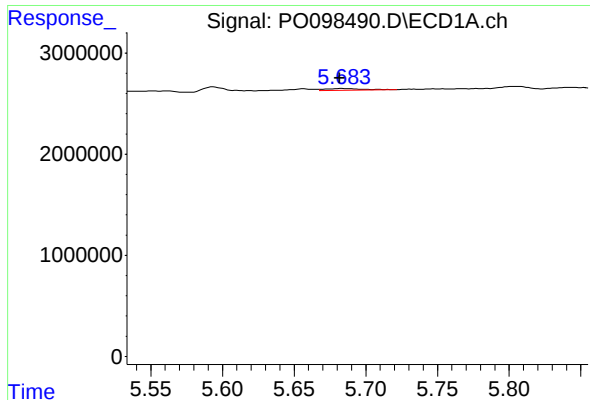
#16 AR-1242-1

R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 241928
Conc: 5.31 ng/ml



#16 AR-1242-1

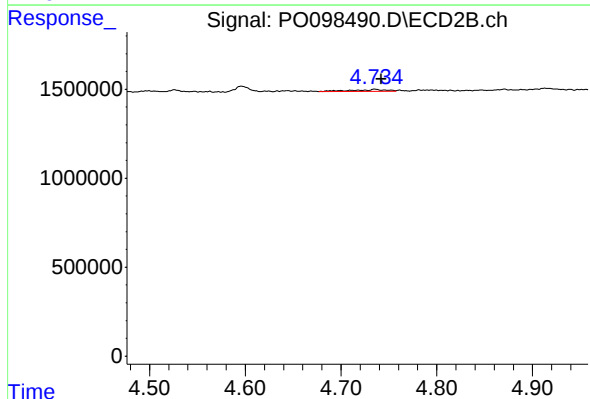
R.T.: 4.735 min
Delta R.T.: 0.012 min
Response: 266953
Conc: 12.75 ng/ml



#17 AR-1242-2

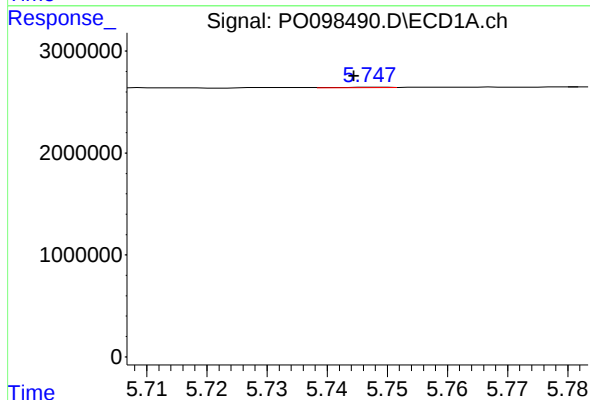
R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 341790
Conc: 4.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



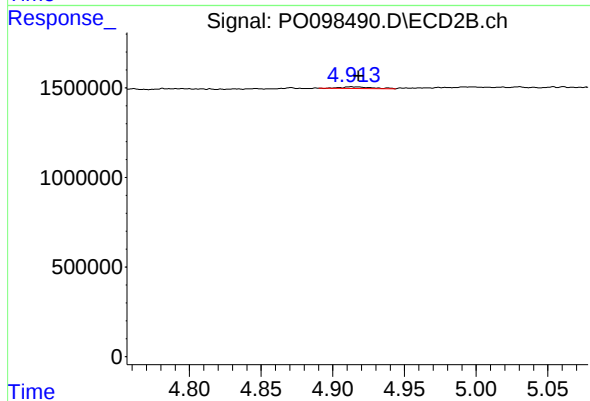
#17 AR-1242-2

R.T.: 4.735 min
Delta R.T.: -0.007 min
Response: 266953
Conc: 9.18 ng/ml



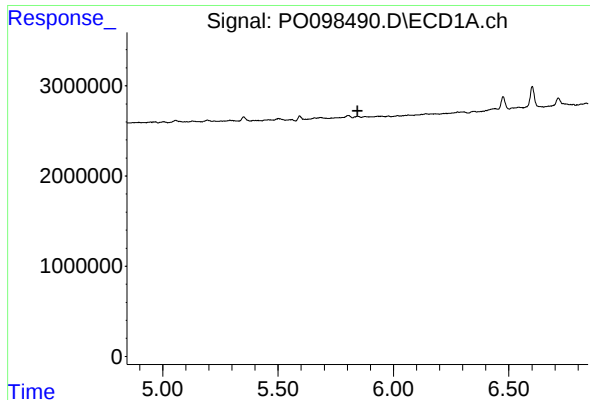
#18 AR-1242-3

R.T.: 5.747 min
Delta R.T.: 0.003 min
Response: 26207
Conc: 0.62 ng/ml



#18 AR-1242-3

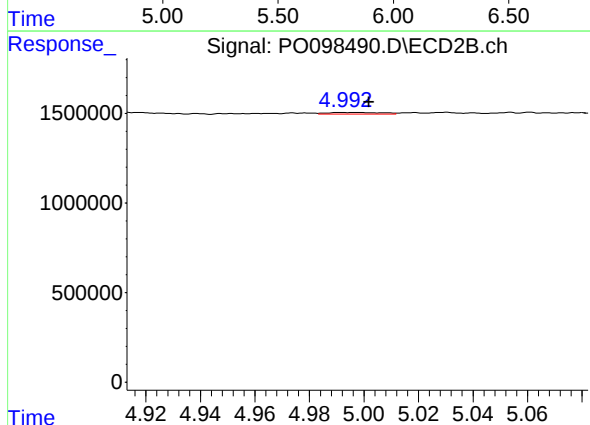
R.T.: 4.913 min
Delta R.T.: -0.005 min
Response: 123131
Conc: 7.88 ng/ml



#19 AR-1242-4

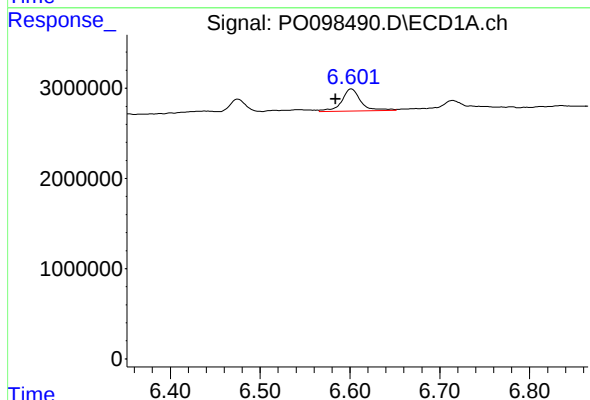
R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: -63168
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



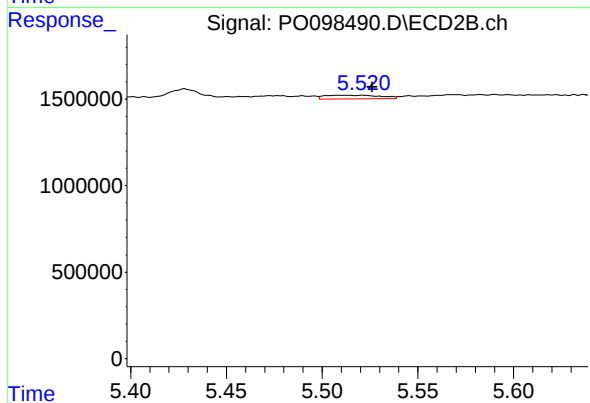
#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.004 min
Response: 134255
Conc: 8.11 ng/ml



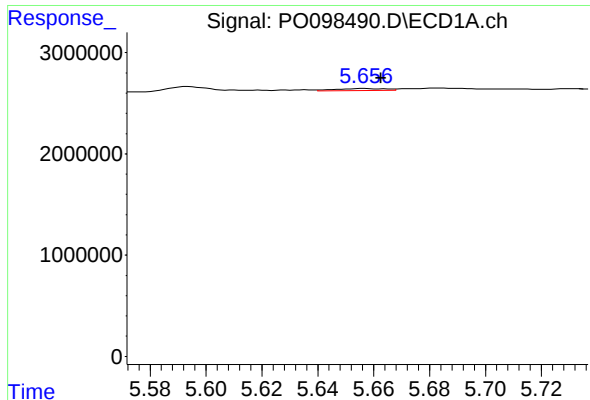
#20 AR-1242-5

R.T.: 6.602 min
Delta R.T.: 0.018 min
Response: 3630726
Conc: 102.50 ng/ml



#20 AR-1242-5

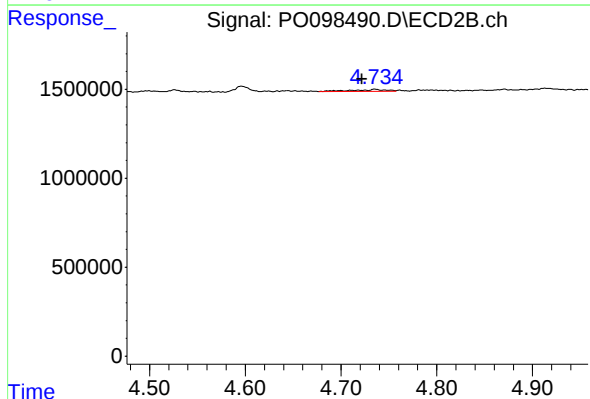
R.T.: 5.514 min
Delta R.T.: -0.013 min
Response: 429924
Conc: 23.17 ng/ml



#21 AR-1248-1

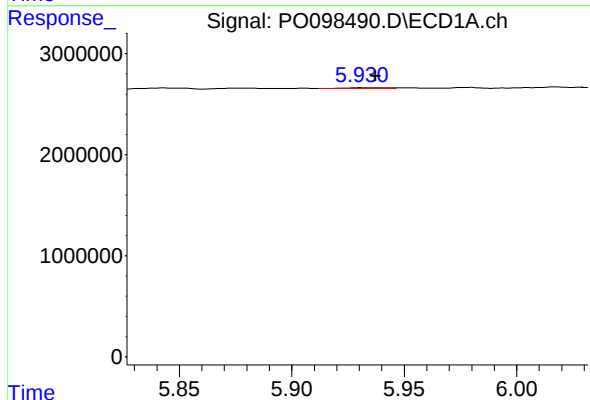
R.T.: 5.657 min
Delta R.T.: -0.006 min
Response: 241928
Conc: 7.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



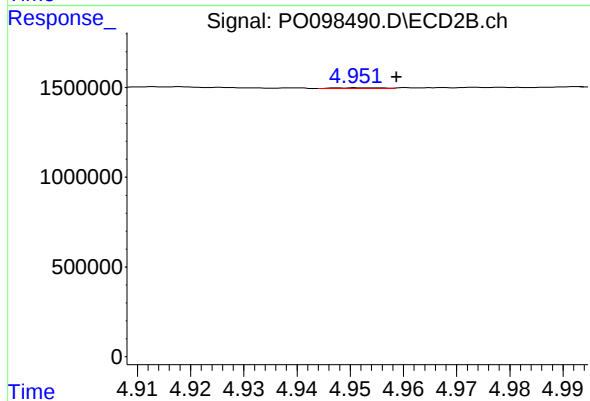
#21 AR-1248-1

R.T.: 4.735 min
Delta R.T.: 0.013 min
Response: 266953
Conc: 17.03 ng/ml



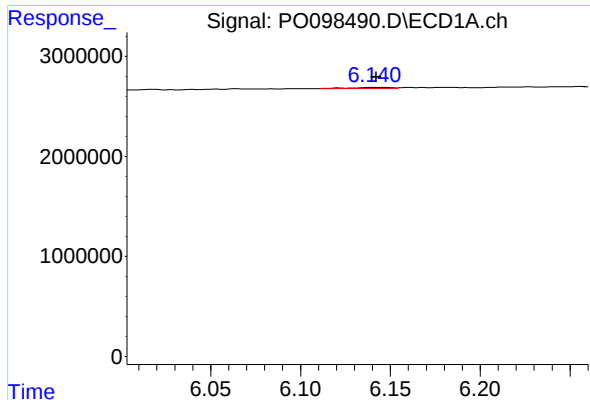
#22 AR-1248-2

R.T.: 5.931 min
Delta R.T.: -0.007 min
Response: 88166
Conc: 1.70 ng/ml



#22 AR-1248-2

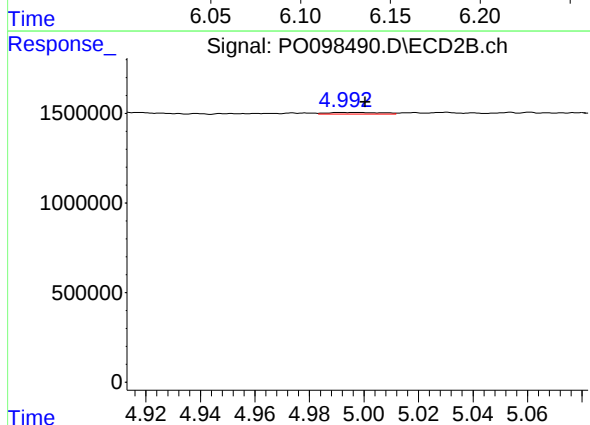
R.T.: 4.952 min
Delta R.T.: -0.007 min
Response: 27175
Conc: 1.23 ng/ml



#23 AR-1248-3

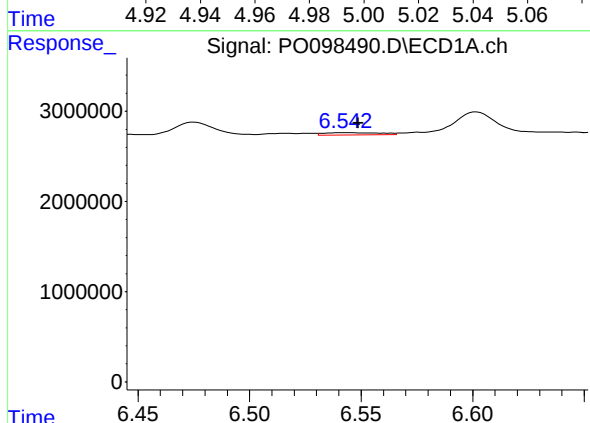
R.T.: 6.141 min
Delta R.T.: -0.002 min
Response: 141568
Conc: 2.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



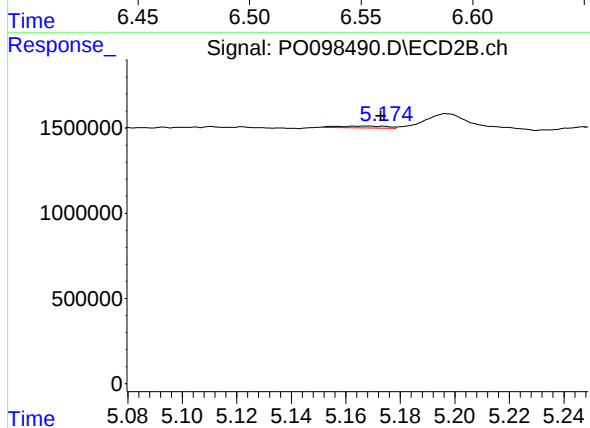
#23 AR-1248-3

R.T.: 4.997 min
Delta R.T.: -0.003 min
Response: 134255
Conc: 5.72 ng/ml



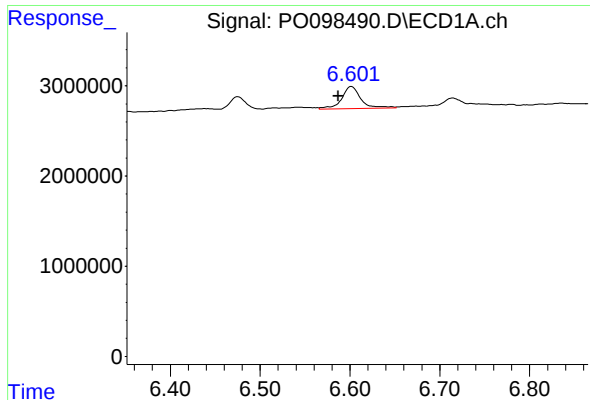
#24 AR-1248-4

R.T.: 6.543 min
Delta R.T.: -0.006 min
Response: 448697
Conc: 7.92 ng/ml



#24 AR-1248-4

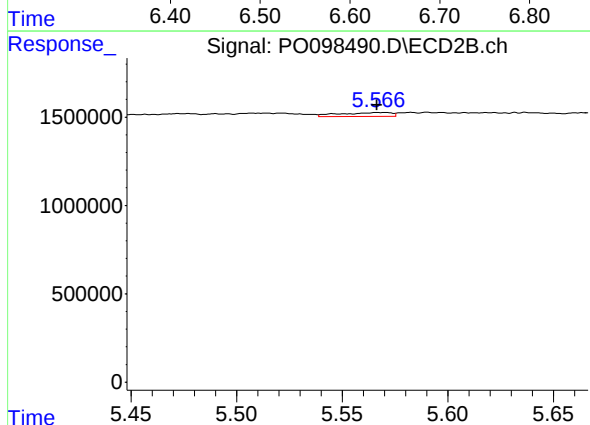
R.T.: 5.168 min
Delta R.T.: -0.005 min
Response: 139591
Conc: 5.23 ng/ml



#25 AR-1248-5

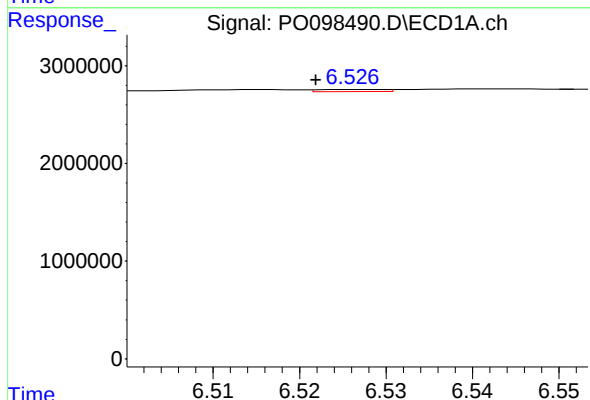
R.T.: 6.602 min
Delta R.T.: 0.015 min
Response: 3630726
Conc: 61.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



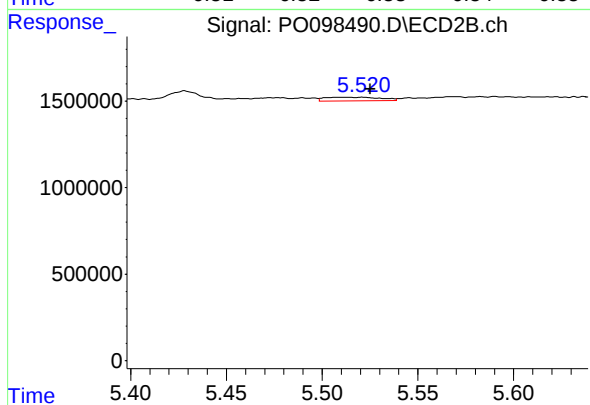
#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 368337
Conc: 15.61 ng/ml



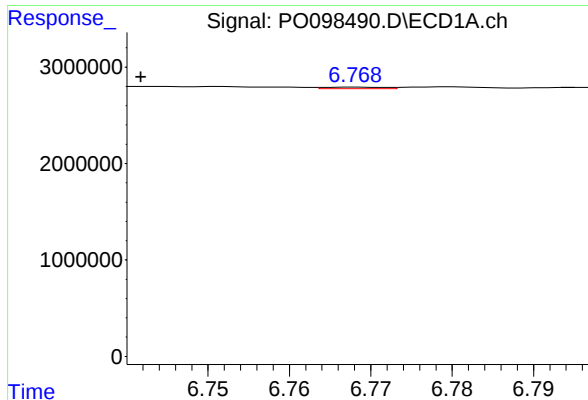
#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: 0.005 min
Response: 116670
Conc: 1.85 ng/ml



#26 AR-1254-1

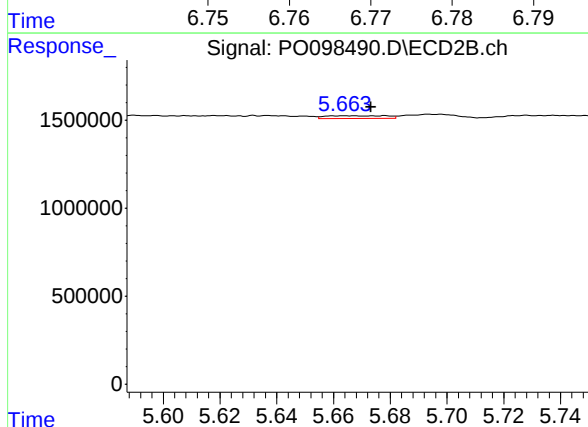
R.T.: 5.514 min
Delta R.T.: -0.012 min
Response: 429924
Conc: 11.21 ng/ml



#27 AR-1254-2

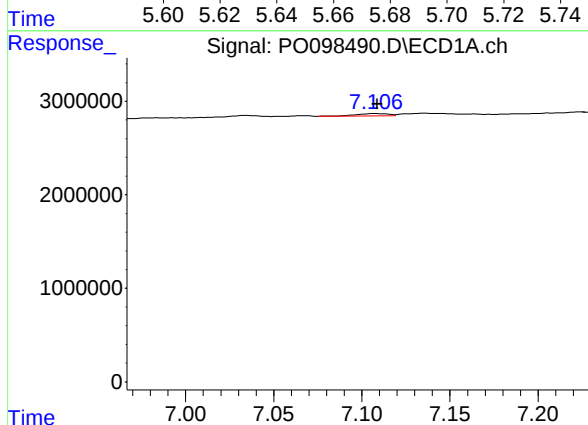
R.T.: 6.768 min
Delta R.T.: 0.027 min
Response: 83318
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



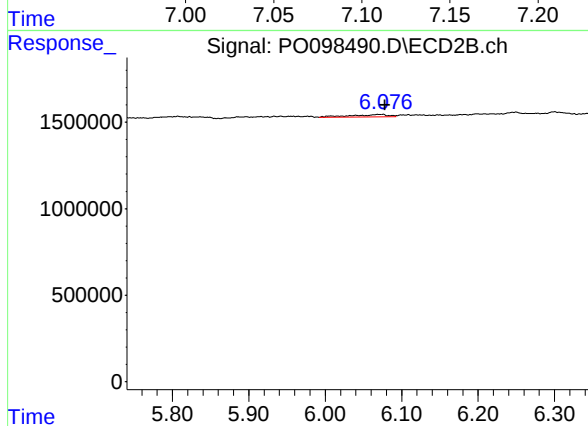
#27 AR-1254-2

R.T.: 5.664 min
Delta R.T.: -0.009 min
Response: 222247
Conc: 6.46 ng/ml



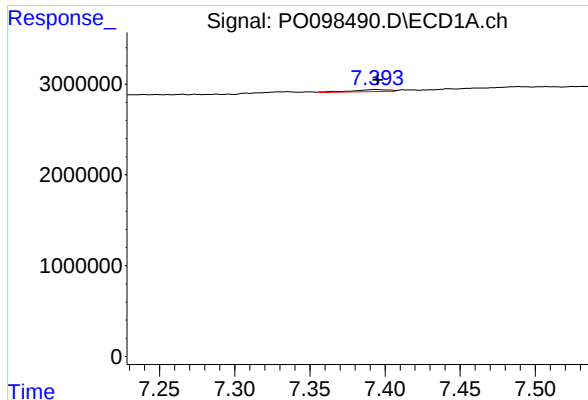
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.002 min
Response: 323947
Conc: 3.44 ng/ml



#28 AR-1254-3

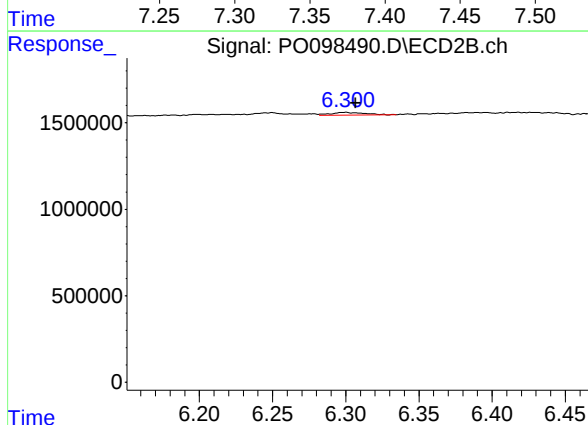
R.T.: 6.069 min
Delta R.T.: -0.009 min
Response: 477763
Conc: 9.19 ng/ml



#29 AR-1254-4

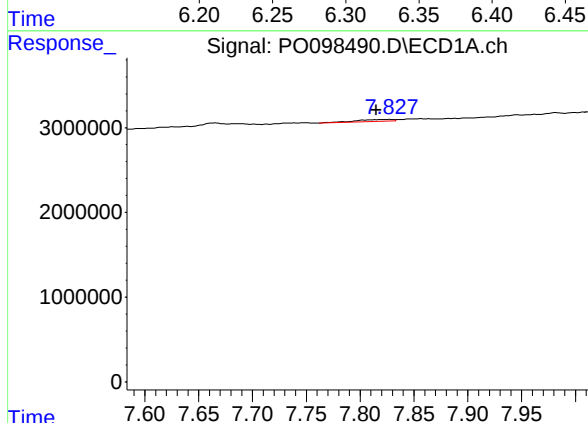
R.T.: 7.393 min
Delta R.T.: -0.002 min
Response: 400373
Conc: 6.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



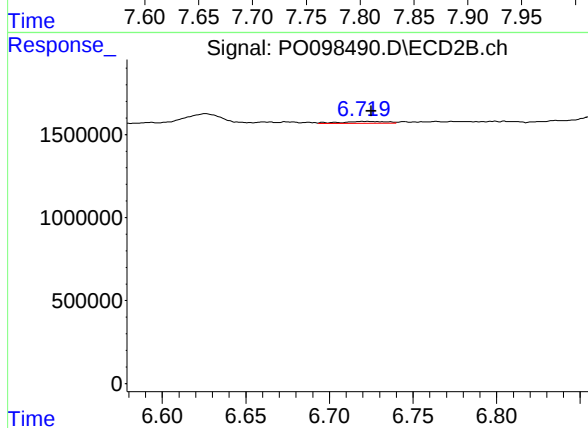
#29 AR-1254-4

R.T.: 6.300 min
Delta R.T.: -0.007 min
Response: 262850
Conc: 9.58 ng/ml



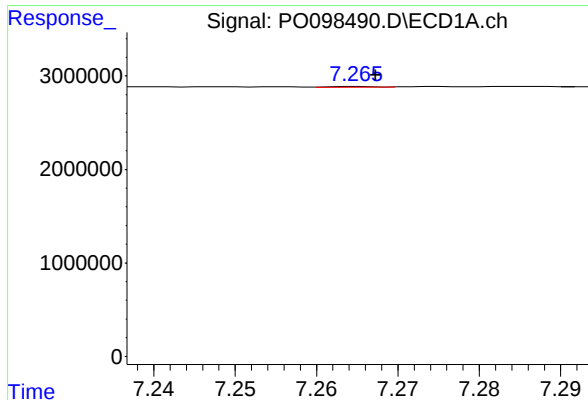
#30 AR-1254-5

R.T.: 7.828 min
Delta R.T.: 0.013 min
Response: 534189
Conc: 7.65 ng/ml



#30 AR-1254-5

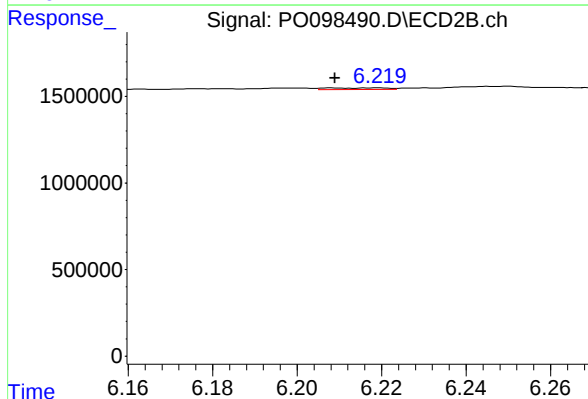
R.T.: 6.721 min
Delta R.T.: -0.004 min
Response: 216558
Conc: 5.00 ng/ml



#31 AR-1260-1

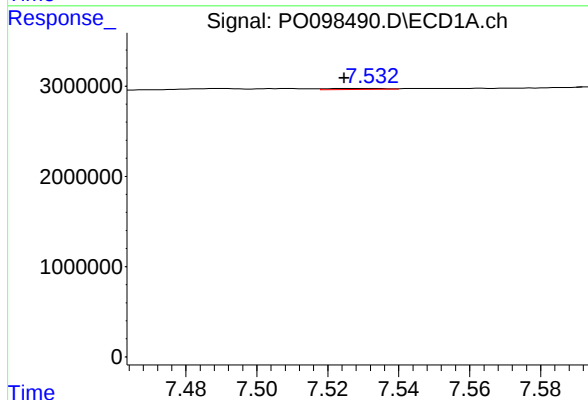
R.T.: 7.265 min
Delta R.T.: -0.002 min
Response: 33967
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



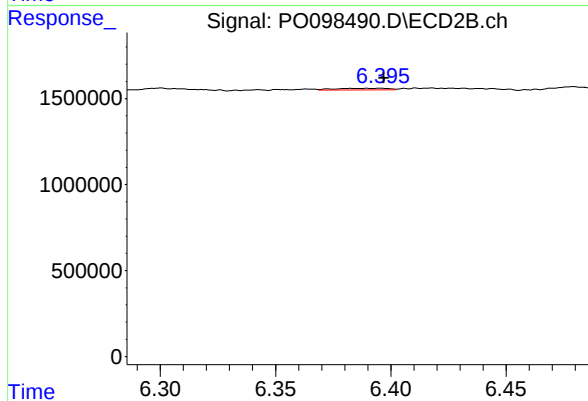
#31 AR-1260-1

R.T.: 6.219 min
Delta R.T.: 0.010 min
Response: 92816
Conc: 2.53 ng/ml



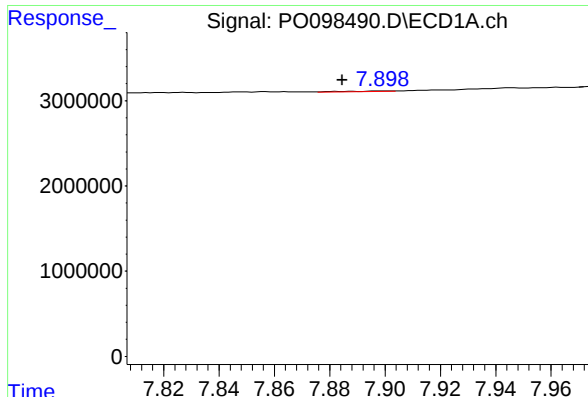
#32 AR-1260-2

R.T.: 7.533 min
Delta R.T.: 0.008 min
Response: 144532
Conc: 1.76 ng/ml



#32 AR-1260-2

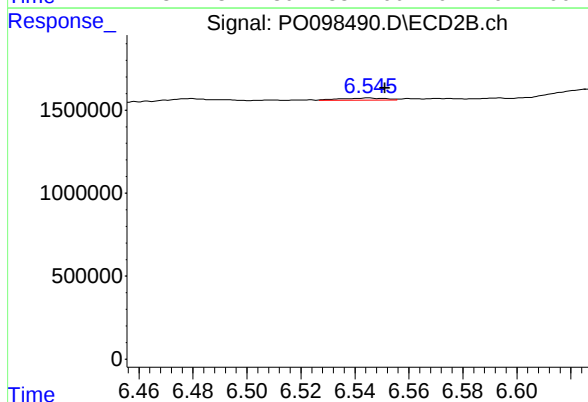
R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 163767
Conc: 3.90 ng/ml



#33 AR-1260-3

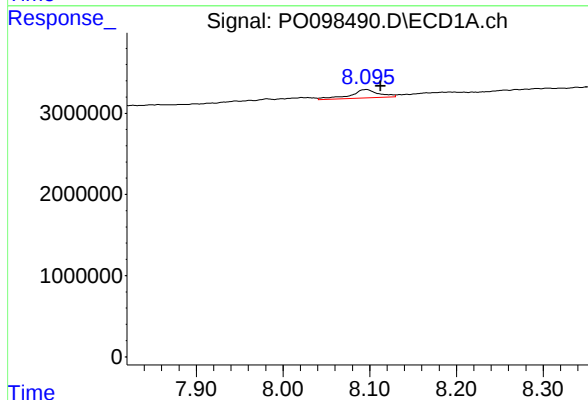
R.T.: 7.898 min
Delta R.T.: 0.013 min
Response: 84302
Conc: 1.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



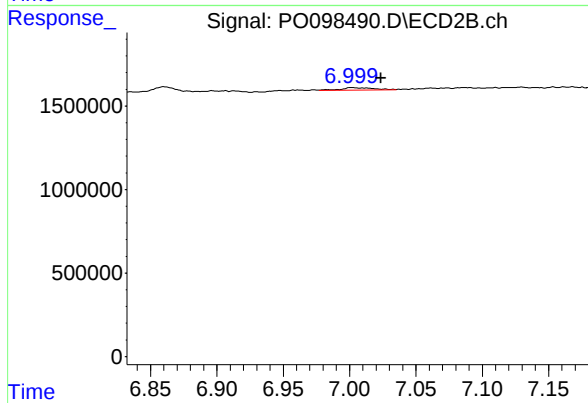
#33 AR-1260-3

R.T.: 6.545 min
Delta R.T.: -0.006 min
Response: 161181
Conc: 4.03 ng/ml



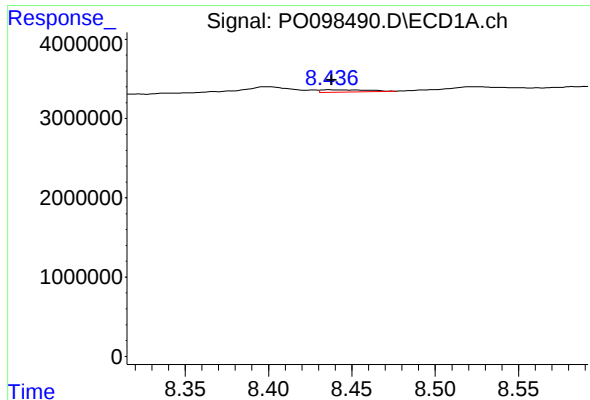
#34 AR-1260-4

R.T.: 8.096 min
Delta R.T.: -0.016 min
Response: 2366048
Conc: 35.10 ng/ml



#34 AR-1260-4

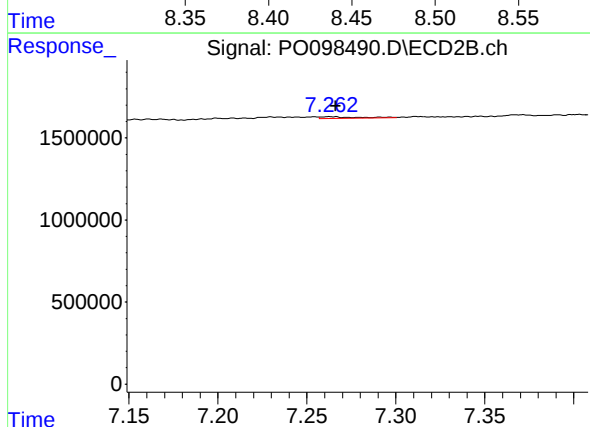
R.T.: 7.002 min
Delta R.T.: -0.022 min
Response: 233733
Conc: 7.26 ng/ml



#35 AR-1260-5

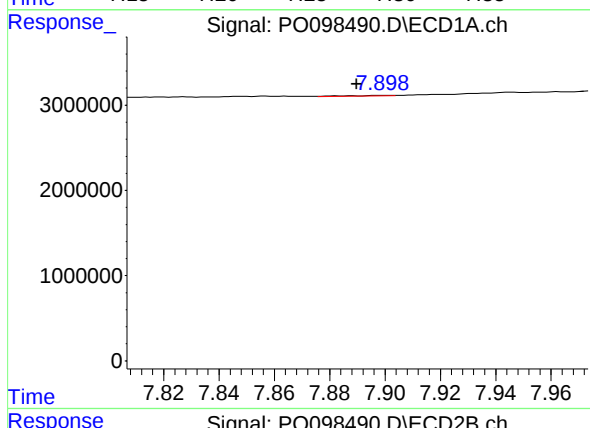
R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 576068
Conc: 4.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



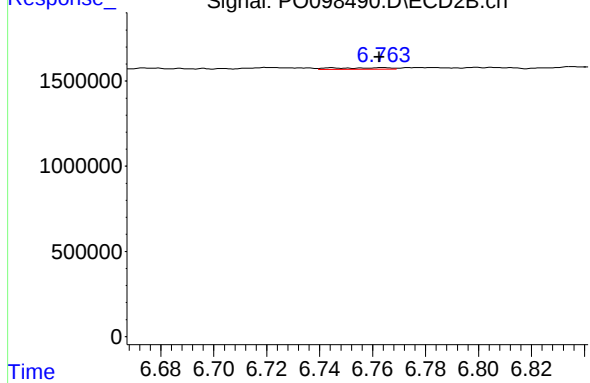
#35 AR-1260-5

R.T.: 7.263 min
Delta R.T.: -0.003 min
Response: 142292
Conc: 2.03 ng/ml



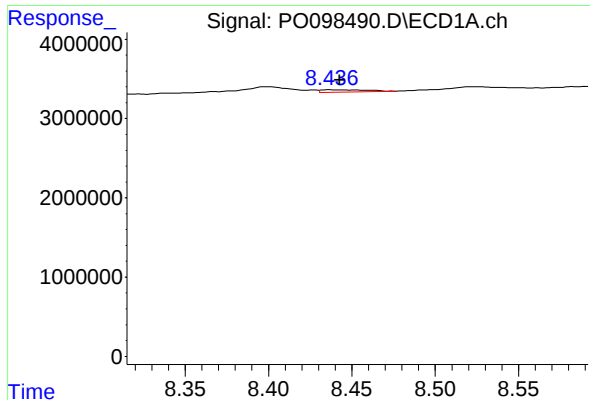
#36 AR-1262-1

R.T.: 7.898 min
Delta R.T.: 0.008 min
Response: 84302
Conc: 0.97 ng/ml



#36 AR-1262-1

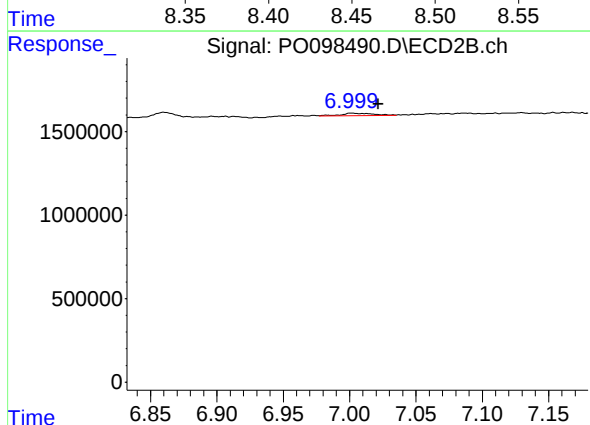
R.T.: 6.764 min
Delta R.T.: 0.001 min
Response: 126432
Conc: 2.79 ng/ml



#37 AR-1262-2

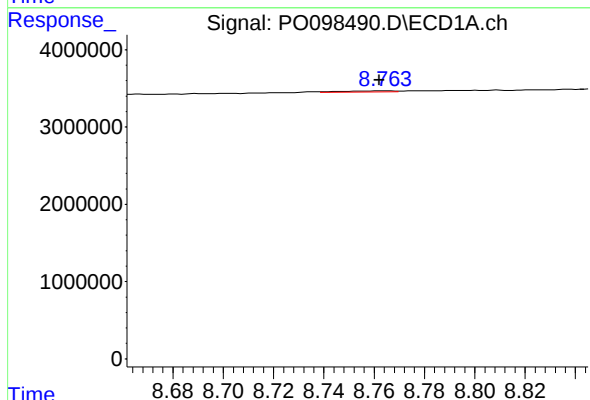
R.T.: 8.437 min
Delta R.T.: -0.006 min
Response: 576068
Conc: 4.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



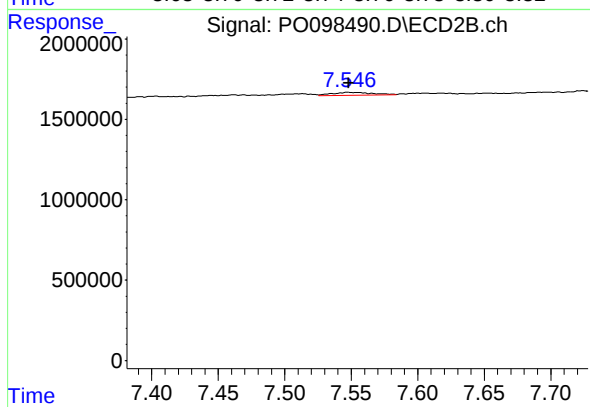
#37 AR-1262-2

R.T.: 7.002 min
Delta R.T.: -0.020 min
Response: 233733
Conc: 5.80 ng/ml



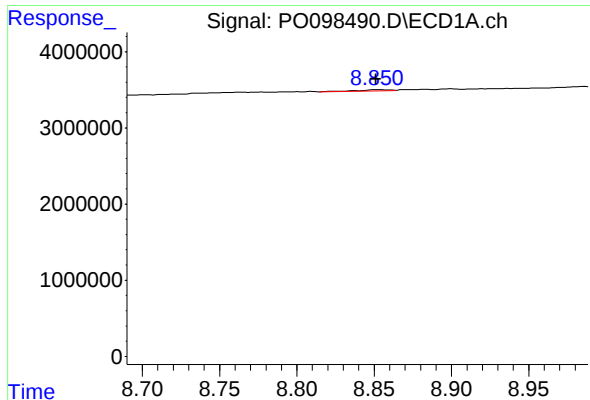
#38 AR-1262-3

R.T.: 8.764 min
Delta R.T.: 0.002 min
Response: 198918
Conc: 2.01 ng/ml



#38 AR-1262-3

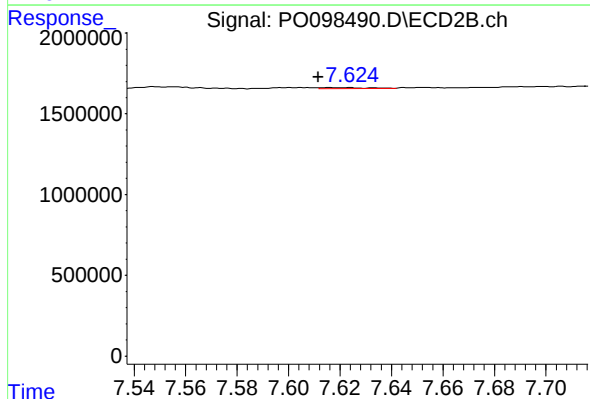
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 378353
Conc: 12.19 ng/ml



#39 AR-1262-4

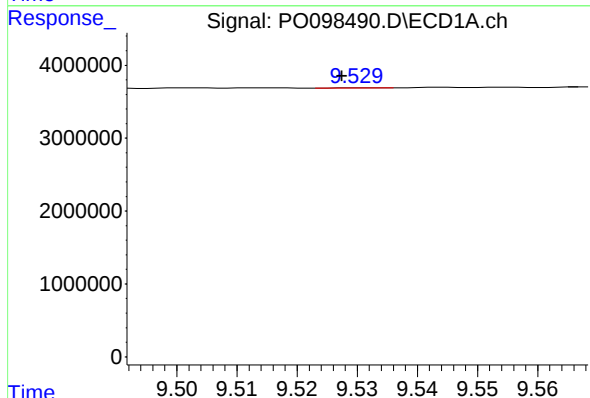
R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 215720
Conc: 2.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



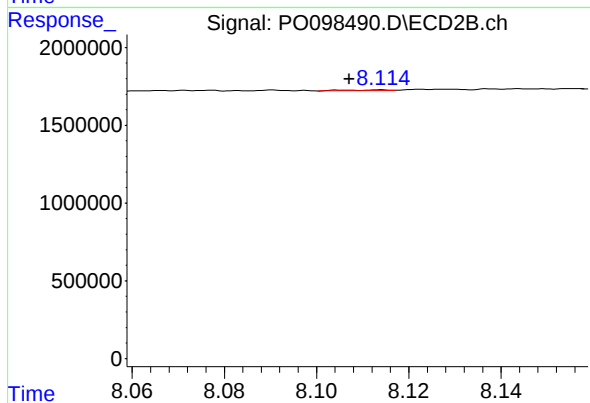
#39 AR-1262-4

R.T.: 7.617 min
Delta R.T.: 0.005 min
Response: 66137
Conc: 1.22 ng/ml



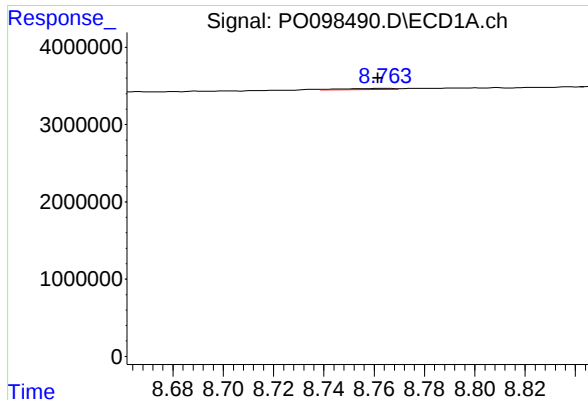
#40 AR-1262-5

R.T.: 9.530 min
Delta R.T.: 0.002 min
Response: 23987
Conc: 0.49 ng/ml



#40 AR-1262-5

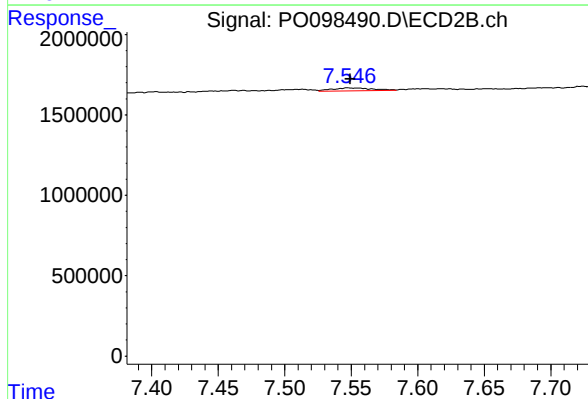
R.T.: 8.106 min
Delta R.T.: -0.001 min
Response: 34544
Conc: 1.40 ng/ml



#41 AR-1268-1

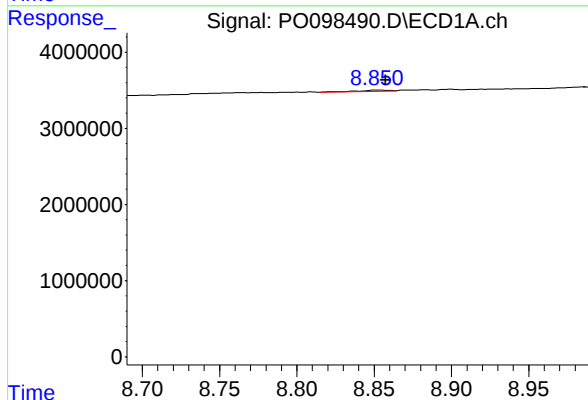
R.T.: 8.764 min
Delta R.T.: 0.003 min
Response: 198918
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



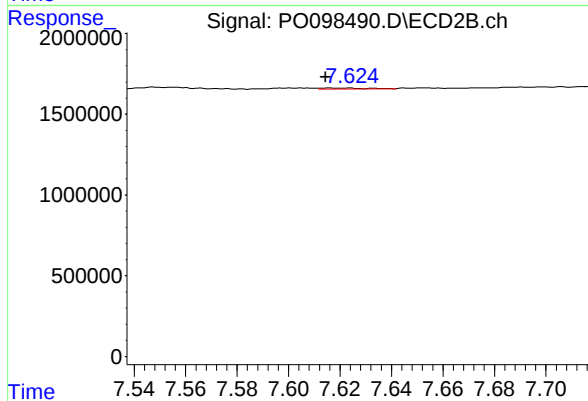
#41 AR-1268-1

R.T.: 7.548 min
Delta R.T.: -0.002 min
Response: 378353
Conc: 4.14 ng/ml



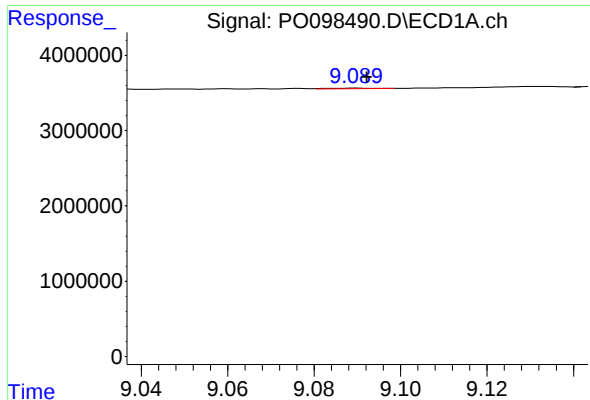
#42 AR-1268-2

R.T.: 8.851 min
Delta R.T.: -0.006 min
Response: 215720
Conc: 1.38 ng/ml



#42 AR-1268-2

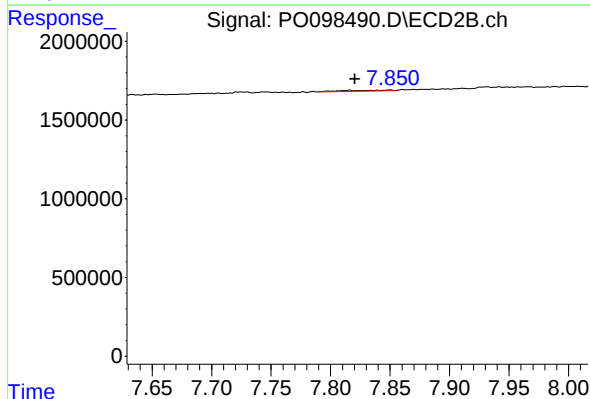
R.T.: 7.617 min
Delta R.T.: 0.002 min
Response: 66137
Conc: 0.85 ng/ml



#43 AR-1268-3

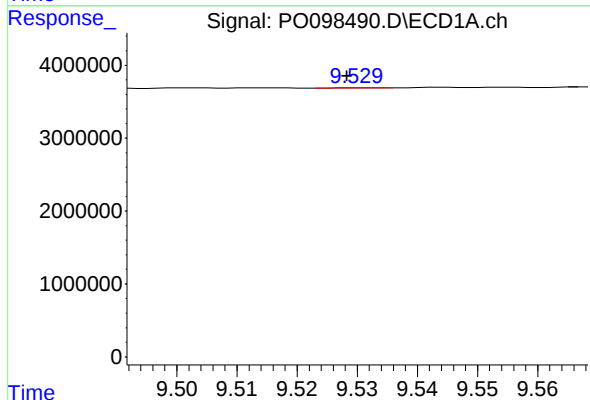
R.T.: 9.091 min
Delta R.T.: -0.002 min
Response: 44078
Conc: 0.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



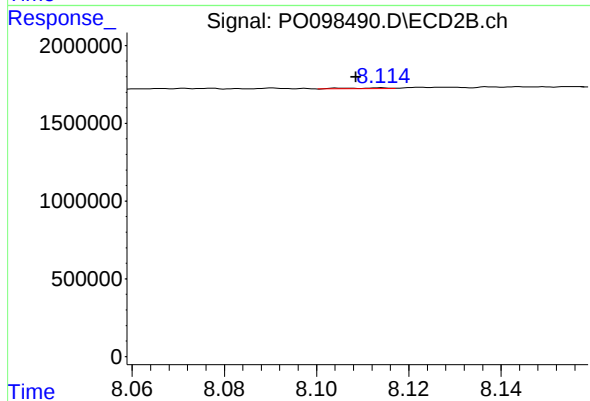
#43 AR-1268-3

R.T.: 7.850 min
Delta R.T.: 0.029 min
Response: 136667
Conc: 2.06 ng/ml



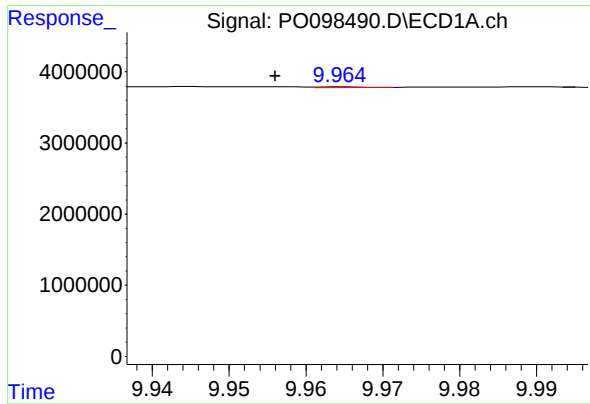
#44 AR-1268-4

R.T.: 9.530 min
Delta R.T.: 0.001 min
Response: 23987
Conc: 0.45 ng/ml



#44 AR-1268-4

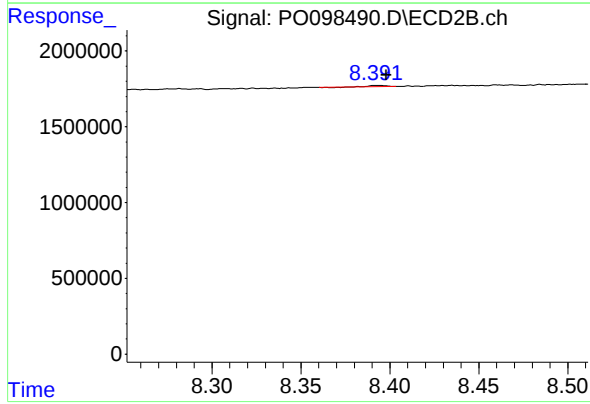
R.T.: 8.106 min
Delta R.T.: -0.003 min
Response: 34544
Conc: 1.28 ng/ml



#45 AR-1268-5

R.T.: 9.965 min
Delta R.T.: 0.009 min
Response: 44943
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.393 min
Delta R.T.: -0.005 min
Response: 36372
Conc: 0.18 ng/ml