

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
 Data File : P0099606.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 21:19
 Operator : YP/AJ
 Sample : 05356-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 22:36:40 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...	4.493	3.722	33192174	23035990	19.281	19.001
2) SA Decachlor...	10.381	8.834	14419848	14563256	22.591	19.827
Target Compounds						
3) L1 AR-1016-1	5.672	4.817	1020543	1768244	26.260	65.759 #
4) L1 AR-1016-2	5.699	4.865	1817697	1810014	28.381	49.658 #
5) L1 AR-1016-3	5.781	5.030	2055759	1479652	47.442	73.830 #
6) L1 AR-1016-4	5.830f	5.072	2729749	341928	87.840	20.575 #
7) L1 AR-1016-5	6.126f	5.282	609815	927663	20.052	44.907 #
8) L2 AR-1221-1	4.707	3.950	612356	232331	32.151	15.858 #
9) L2 AR-1221-2	4.802	4.027	585799	576018	41.586	62.894 #
10) L2 AR-1221-3	4.904	4.103	679716	136523	16.391	4.411 #
11) L3 AR-1232-1	4.904	4.103	679716	136523	20.178	5.281 #
12) L3 AR-1232-2	5.369f	4.865	7891298	1810014	472.904	104.490 #
13) L3 AR-1232-3	5.699	5.030	1817697	1479652	64.075	168.483 #
14) L3 AR-1232-4	5.830f	5.140	2729749	1684650	202.390	207.705
15) L3 AR-1232-5	5.962	5.282	545717	927663	47.598	108.448 #
16) L4 AR-1242-1	5.672	4.817	1020543	1768244	32.543	79.908 #
17) L4 AR-1242-2	5.699	4.865	1817697	1810014	35.238	60.789 #
18) L4 AR-1242-3	5.781	5.030	2055759	1479652	58.986	89.683 #
19) L4 AR-1242-4	5.830f	5.140	2729749	1684650	107.944	99.990
20) L4 AR-1242-5	6.583	5.646	701041	1748419	34.265	100.155 #
21) L5 AR-1248-1	5.672	4.817	1020543	1768244	43.217	102.427 #
22) L5 AR-1248-2	5.962	5.072	545717	341928	14.035	14.524
23) L5 AR-1248-3	6.126f	5.140	609815	1684650	14.698	68.007 #
24) L5 AR-1248-4	6.583	5.282	701041	927663	18.252	33.647 #
25) L5 AR-1248-5	6.583	5.723	701041	1584655	18.487	69.446 #
26) L6 AR-1254-1	6.546	5.646	846640	1748419	18.813	48.067 #
27) L6 AR-1254-2	6.773	5.795	1157603	1044092	18.357	32.141 #
28) L6 AR-1254-3	7.141	6.204	2013755	3111876	34.574	57.390 #
29) L6 AR-1254-4	7.436	6.435	215673	604826	6.328	21.477 #
30) L6 AR-1254-5	7.869	6.857	2856429	2663481	73.002	54.664 #
31) L7 AR-1260-1	7.306	6.338	1158881	1631271	23.316	37.823 #
32) L7 AR-1260-2	7.560	6.527	1981144	692446	38.786	14.778 #
33) L7 AR-1260-3	7.927	6.683	545033	596143	15.202	13.061
34) L7 AR-1260-4	8.154	7.160	788986	599461	19.986	16.313
35) L7 AR-1260-5	8.489	7.400	348304	1237328	5.814	16.975 #
36) L8 AR-1262-1	7.869	6.857	2856429	2663481	90.430	108.357
37) L8 AR-1262-2	8.489	7.160	348304	599461	4.709	12.093 #
38) L8 AR-1262-3	8.827	7.690	532982	237220	10.378	6.416 #
39) L8 AR-1262-4	8.908	7.752	375884	673784	9.669	10.489
40) L8 AR-1262-5	9.597	8.257	262999	85128	12.374	3.098 #
41) L9 AR-1268-1	8.827	7.690	532982	237220	5.292	2.158 #

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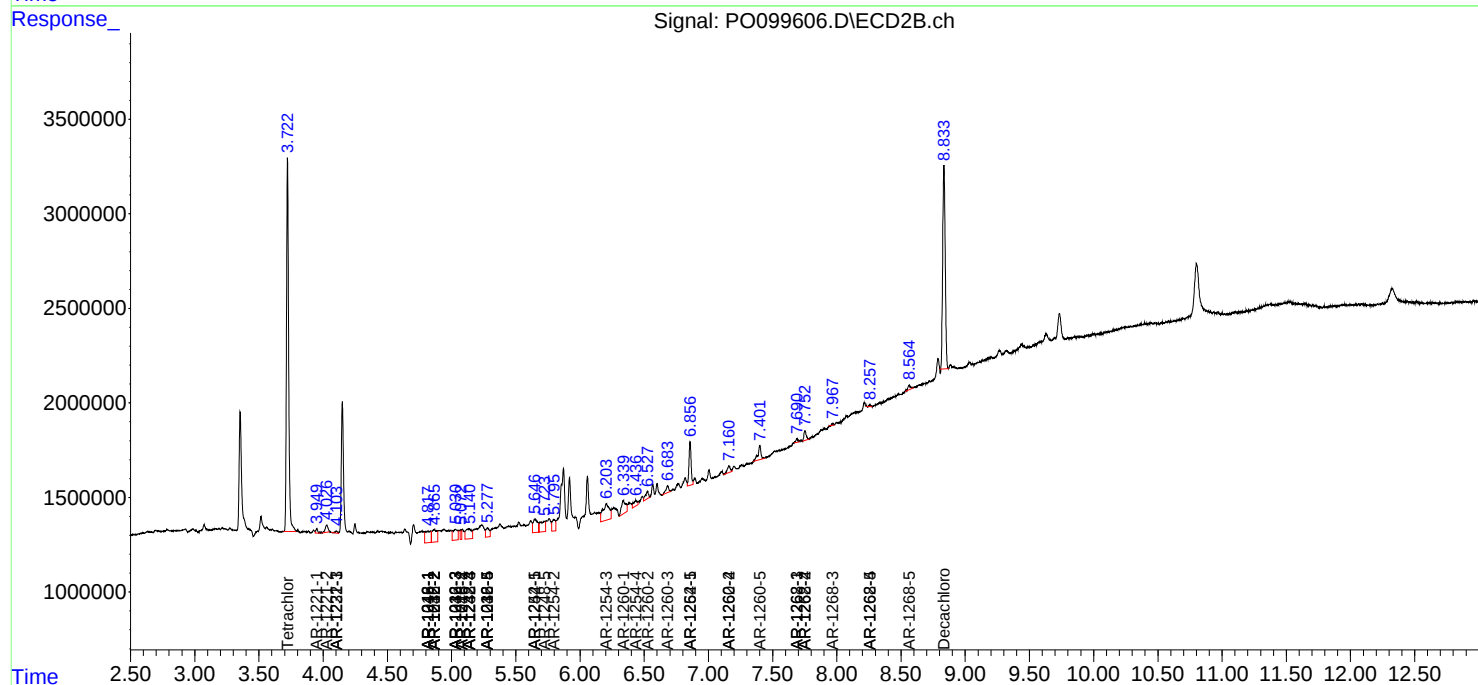
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

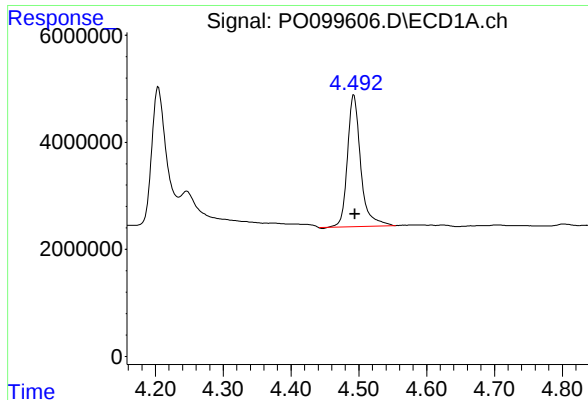
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.908	7.752	375884	673784	4.431	6.834 #
43) L9	AR-1268-3	9.155	7.967	188034	55925	2.205	0.591 #
44) L9	AR-1268-4	9.597	8.257	262999	85128	10.818	2.842 #
45) L9	AR-1268-5	10.032	8.564	569479	374656	2.680	1.489 #

(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

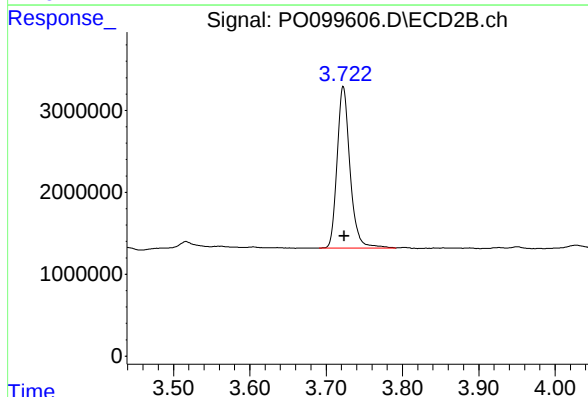




#1 Tetrachloro-m-xylene

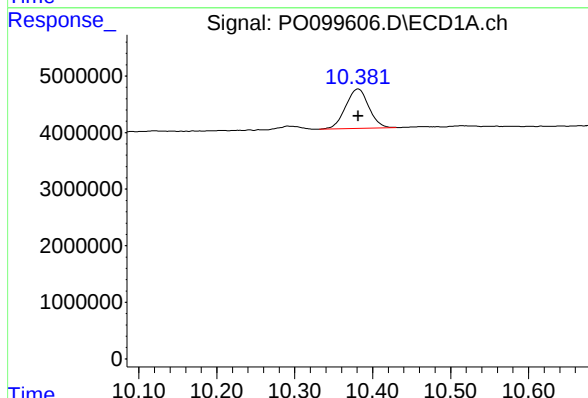
R.T.: 4.493 min
Delta R.T.: -0.001 min
Response: 33192174
Conc: 19.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



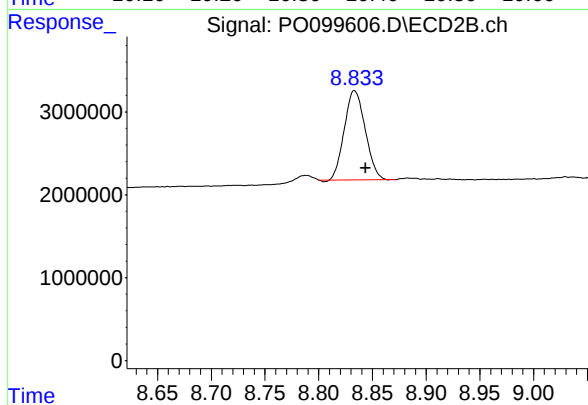
#1 Tetrachloro-m-xylene

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 23035990
Conc: 19.00 ng/ml



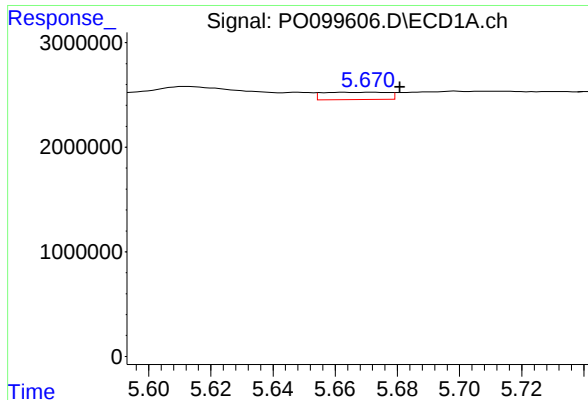
#2 Decachlorobiphenyl

R.T.: 10.381 min
Delta R.T.: 0.000 min
Response: 14419848
Conc: 22.59 ng/ml



#2 Decachlorobiphenyl

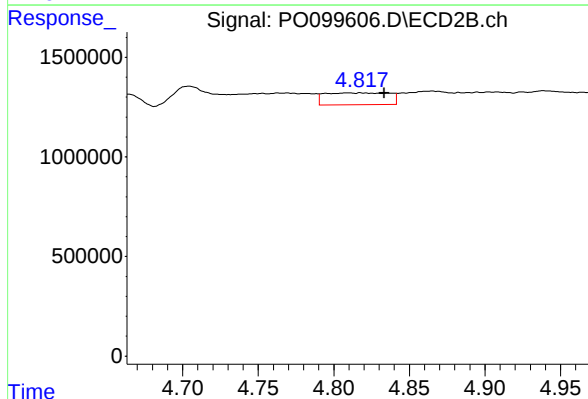
R.T.: 8.834 min
Delta R.T.: -0.010 min
Response: 14563256
Conc: 19.83 ng/ml



#3 AR-1016-1

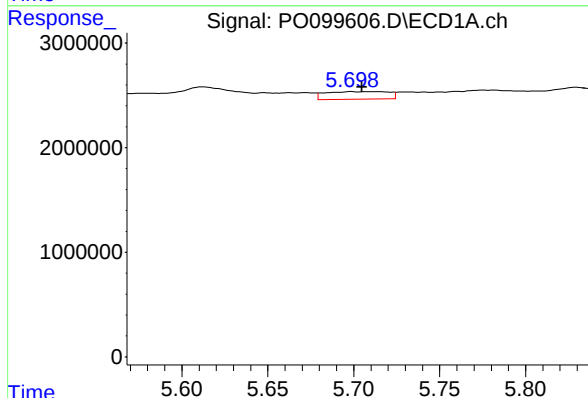
R.T.: 5.672 min
Delta R.T.: -0.009 min
Response: 1020543
Conc: 26.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



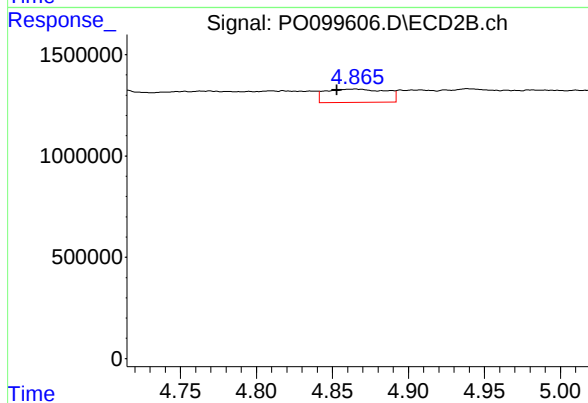
#3 AR-1016-1

R.T.: 4.817 min
Delta R.T.: -0.016 min
Response: 1768244
Conc: 65.76 ng/ml



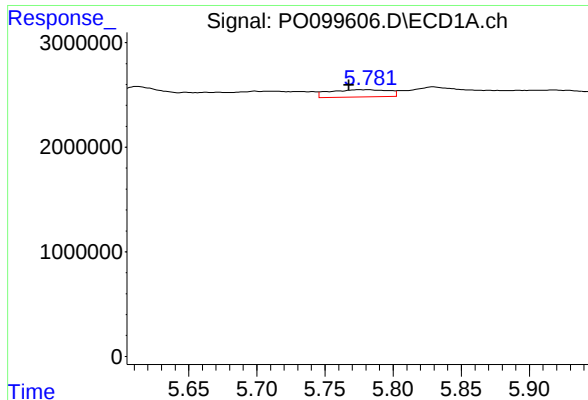
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: -0.006 min
Response: 1817697
Conc: 28.38 ng/ml



#4 AR-1016-2

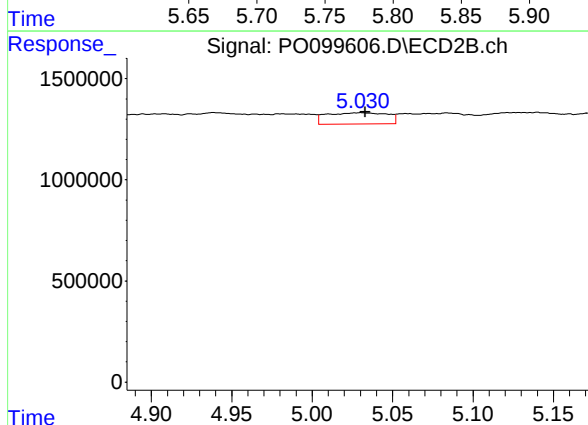
R.T.: 4.865 min
Delta R.T.: 0.012 min
Response: 1810014
Conc: 49.66 ng/ml



#5 AR-1016-3

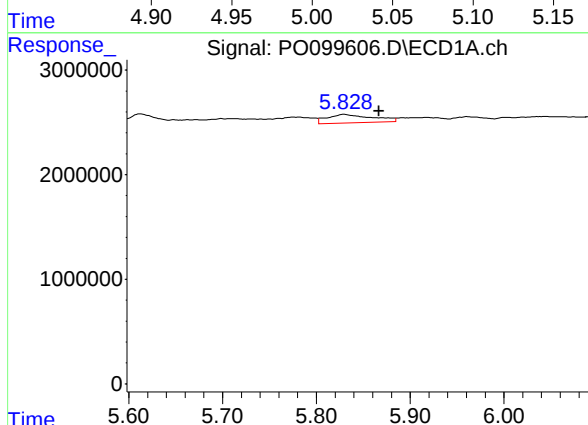
R.T.: 5.781 min
Delta R.T.: 0.013 min
Response: 2055759
Conc: 47.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



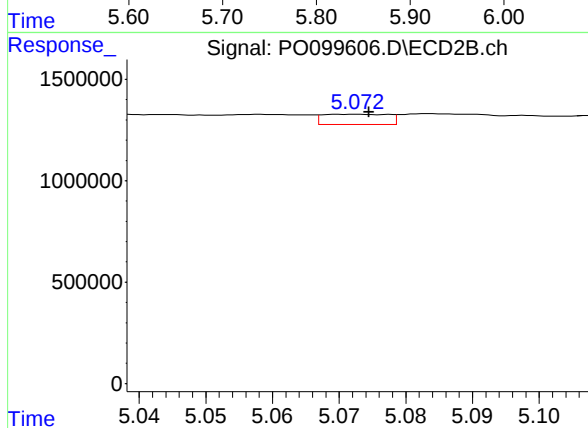
#5 AR-1016-3

R.T.: 5.030 min
Delta R.T.: -0.003 min
Response: 1479652
Conc: 73.83 ng/ml



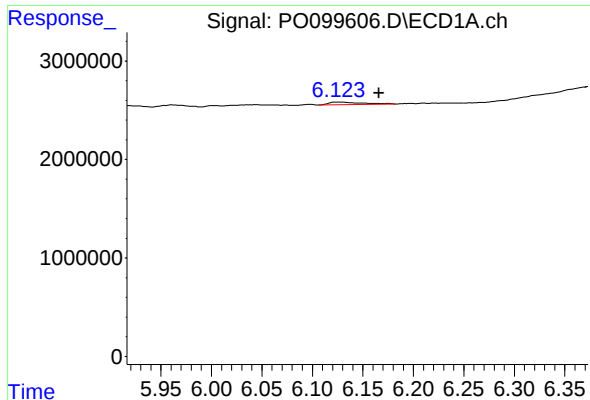
#6 AR-1016-4

R.T.: 5.830 min
Delta R.T.: -0.037 min
Response: 2729749
Conc: 87.84 ng/ml



#6 AR-1016-4

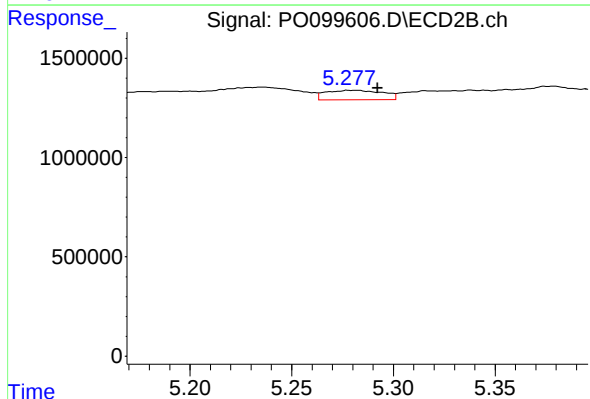
R.T.: 5.072 min
Delta R.T.: -0.002 min
Response: 341928
Conc: 20.58 ng/ml



#7 AR-1016-5

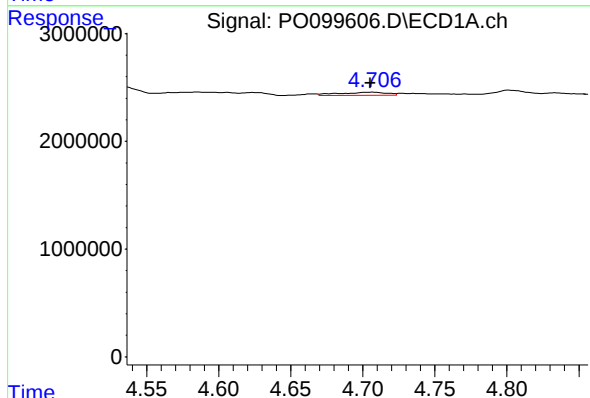
R.T.: 6.126 min
Delta R.T.: -0.040 min
Response: 609815
Conc: 20.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



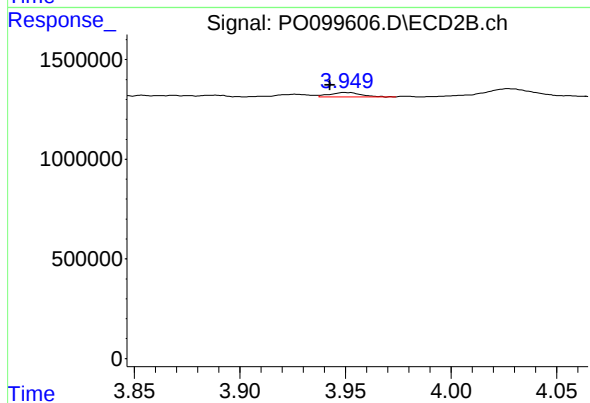
#7 AR-1016-5

R.T.: 5.282 min
Delta R.T.: -0.011 min
Response: 927663
Conc: 44.91 ng/ml



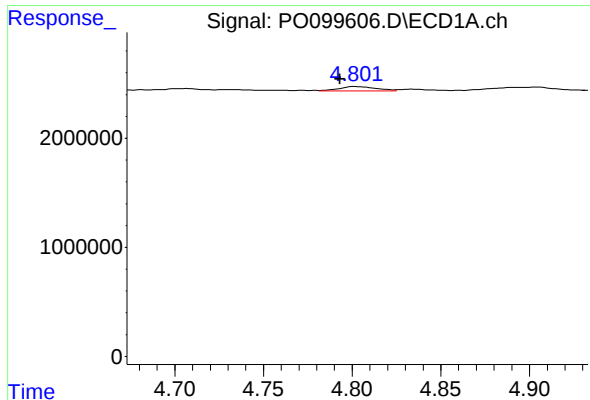
#8 AR-1221-1

R.T.: 4.707 min
Delta R.T.: 0.002 min
Response: 612356
Conc: 32.15 ng/ml



#8 AR-1221-1

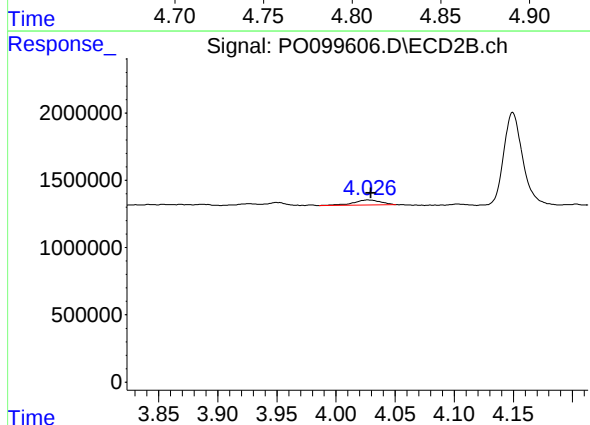
R.T.: 3.950 min
Delta R.T.: 0.008 min
Response: 232331
Conc: 15.86 ng/ml



#9 AR-1221-2

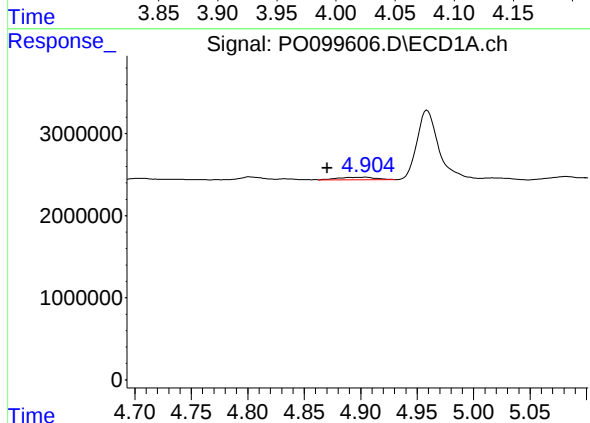
R.T.: 4.802 min
Delta R.T.: 0.009 min
Response: 585799
Conc: 41.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



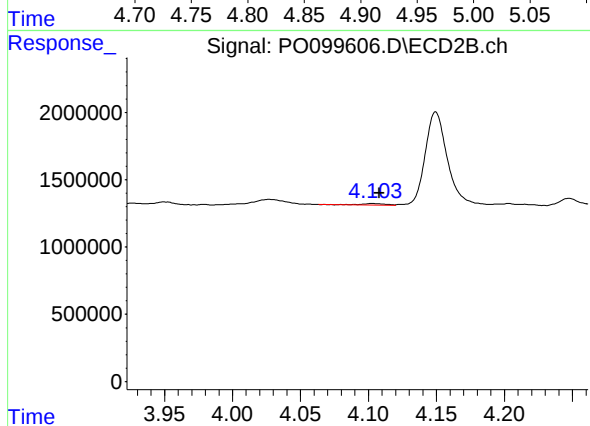
#9 AR-1221-2

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 576018
Conc: 62.89 ng/ml



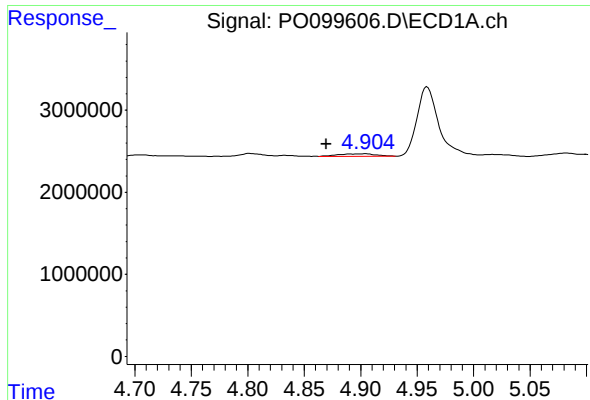
#10 AR-1221-3

R.T.: 4.904 min
Delta R.T.: 0.034 min
Response: 679716
Conc: 16.39 ng/ml



#10 AR-1221-3

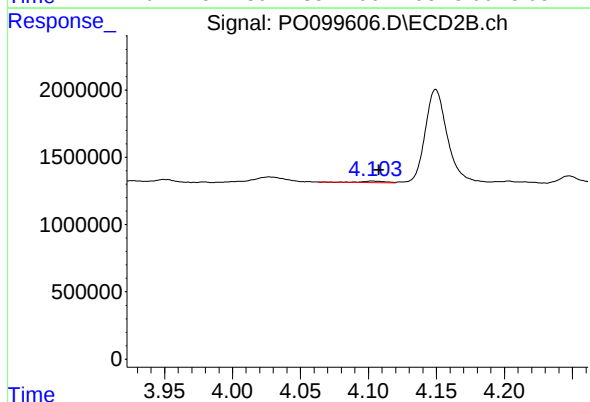
R.T.: 4.103 min
Delta R.T.: -0.005 min
Response: 136523
Conc: 4.41 ng/ml



#11 AR-1232-1

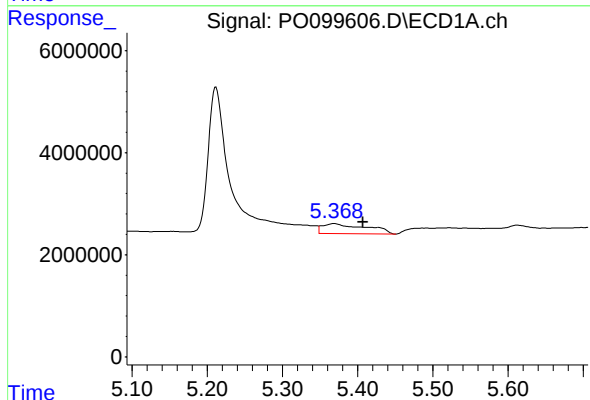
R.T.: 4.904 min
Delta R.T.: 0.035 min
Response: 679716
Conc: 20.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



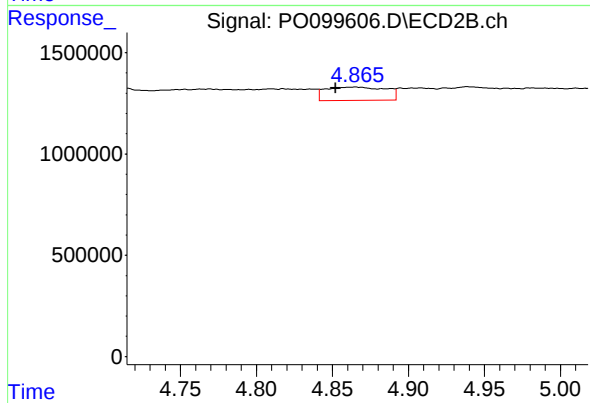
#11 AR-1232-1

R.T.: 4.103 min
Delta R.T.: -0.005 min
Response: 136523
Conc: 5.28 ng/ml



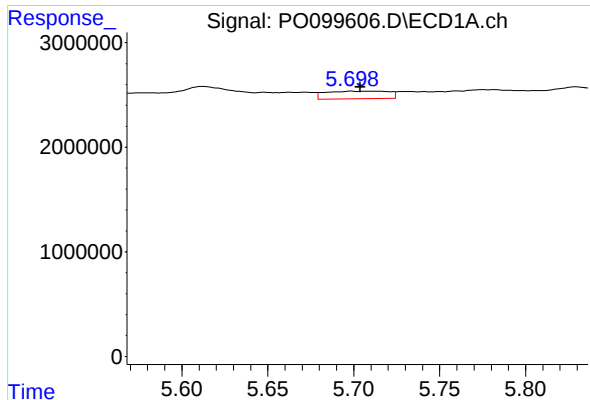
#12 AR-1232-2

R.T.: 5.369 min
Delta R.T.: -0.038 min
Response: 7891298
Conc: 472.90 ng/ml



#12 AR-1232-2

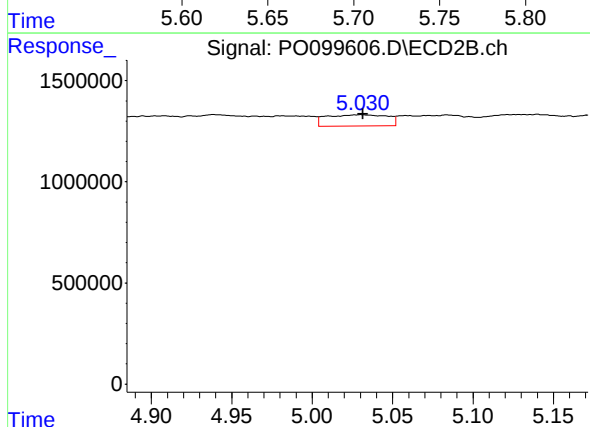
R.T.: 4.865 min
Delta R.T.: 0.012 min
Response: 1810014
Conc: 104.49 ng/ml



#13 AR-1232-3

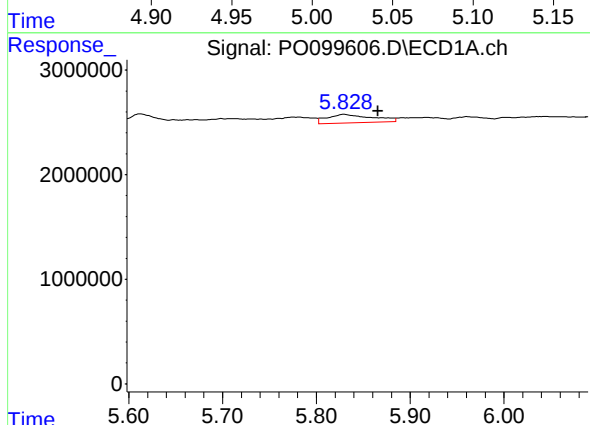
R.T.: 5.699 min
Delta R.T.: -0.005 min
Response: 1817697
Conc: 64.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



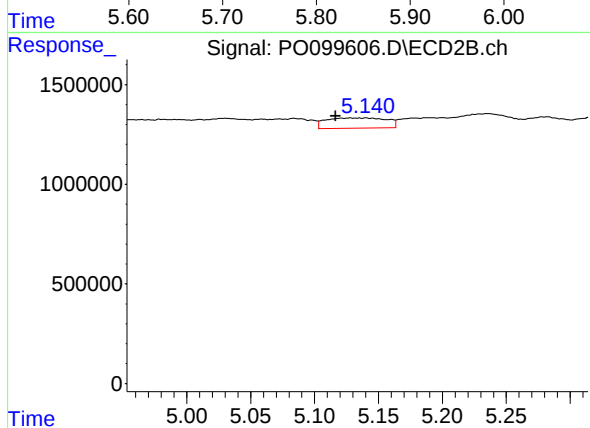
#13 AR-1232-3

R.T.: 5.030 min
Delta R.T.: -0.001 min
Response: 1479652
Conc: 168.48 ng/ml



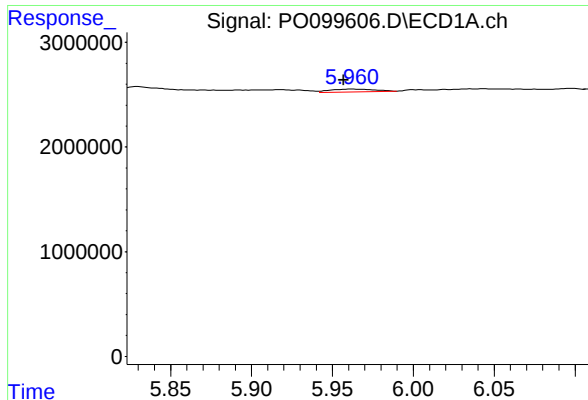
#14 AR-1232-4

R.T.: 5.830 min
Delta R.T.: -0.036 min
Response: 2729749
Conc: 202.39 ng/ml



#14 AR-1232-4

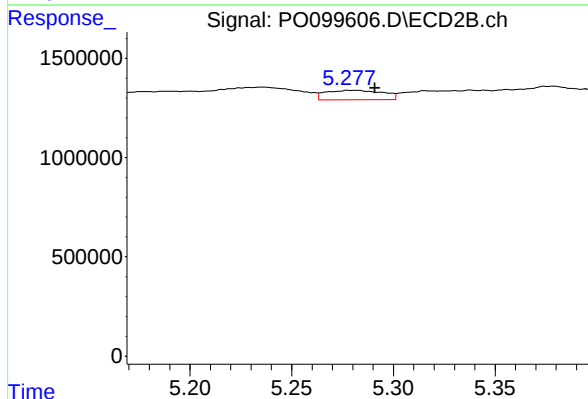
R.T.: 5.140 min
Delta R.T.: 0.024 min
Response: 1684650
Conc: 207.71 ng/ml



#15 AR-1232-5

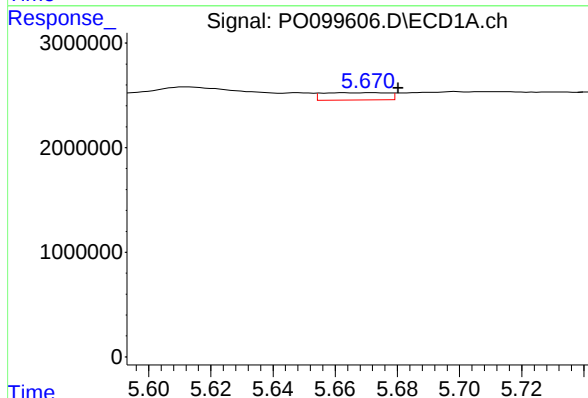
R.T.: 5.962 min
Delta R.T.: 0.005 min
Response: 545717
Conc: 47.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



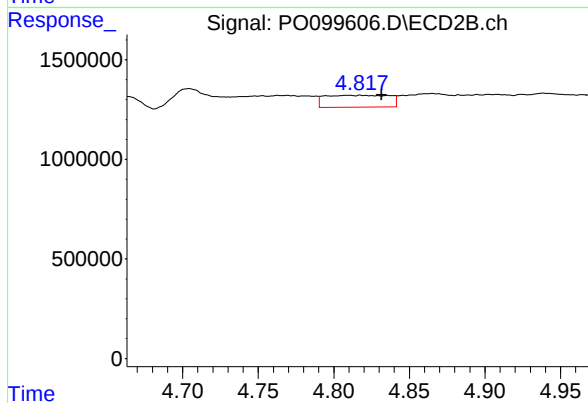
#15 AR-1232-5

R.T.: 5.282 min
Delta R.T.: -0.009 min
Response: 927663
Conc: 108.45 ng/ml



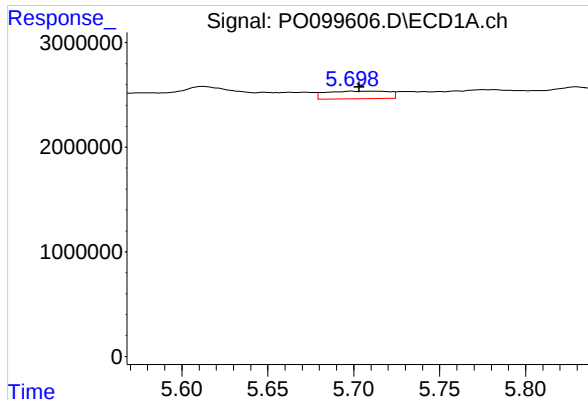
#16 AR-1242-1

R.T.: 5.672 min
Delta R.T.: -0.009 min
Response: 1020543
Conc: 32.54 ng/ml



#16 AR-1242-1

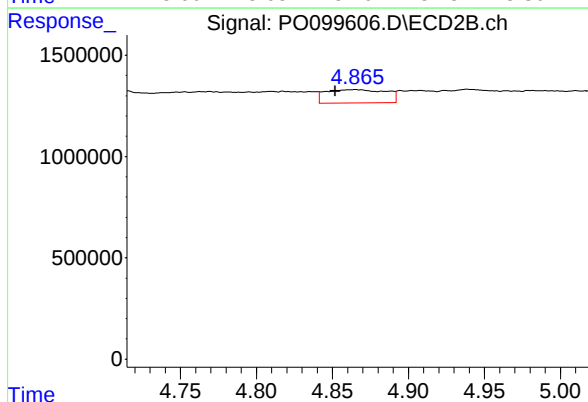
R.T.: 4.817 min
Delta R.T.: -0.014 min
Response: 1768244
Conc: 79.91 ng/ml



#17 AR-1242-2

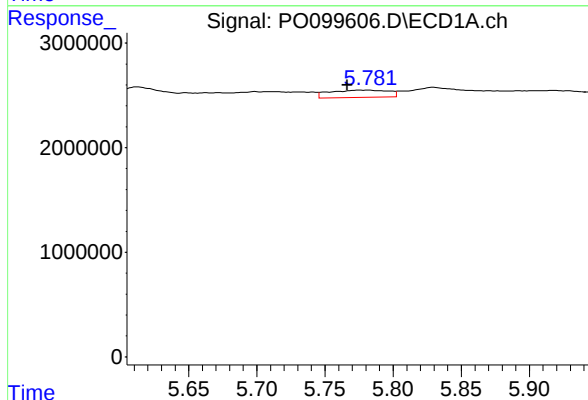
R.T.: 5.699 min
Delta R.T.: -0.004 min
Response: 1817697
Conc: 35.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



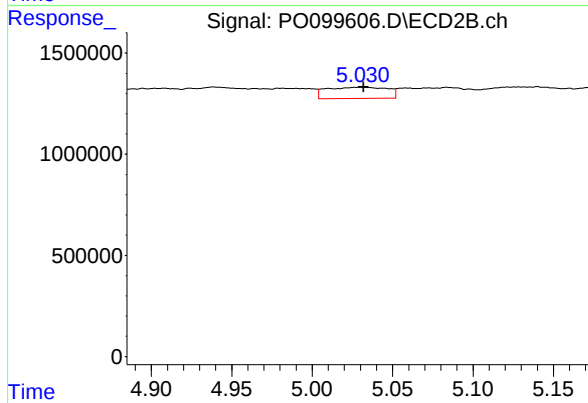
#17 AR-1242-2

R.T.: 4.865 min
Delta R.T.: 0.013 min
Response: 1810014
Conc: 60.79 ng/ml



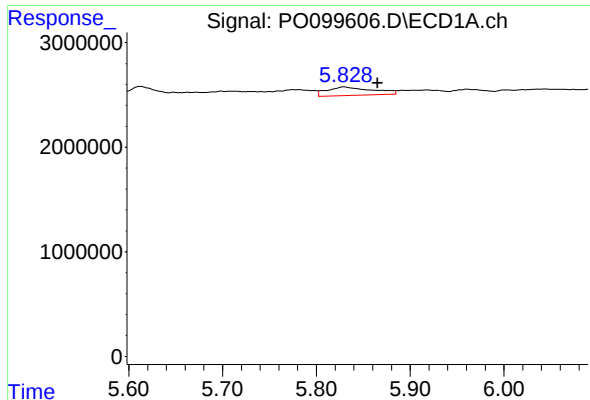
#18 AR-1242-3

R.T.: 5.781 min
Delta R.T.: 0.014 min
Response: 2055759
Conc: 58.99 ng/ml



#18 AR-1242-3

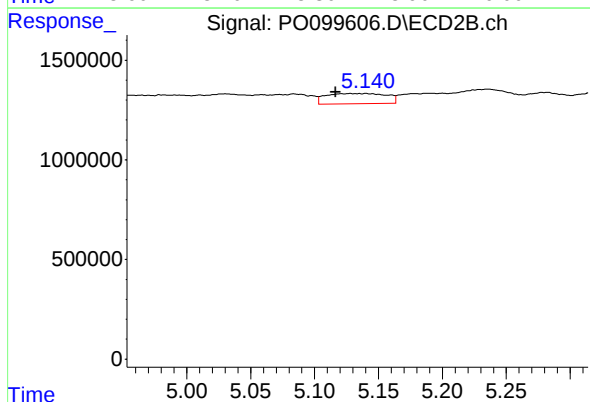
R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 1479652
Conc: 89.68 ng/ml



#19 AR-1242-4

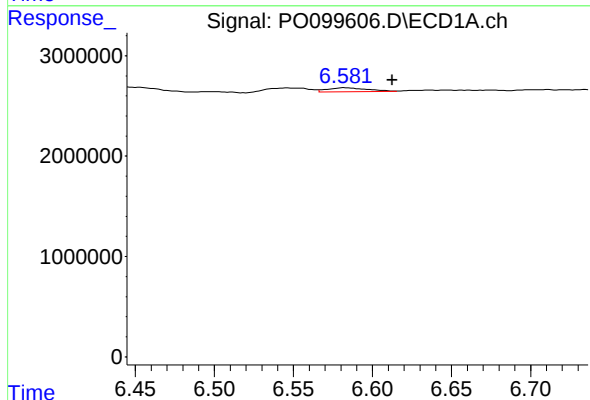
R.T.: 5.830 min
Delta R.T.: -0.036 min
Response: 2729749
Conc: 107.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



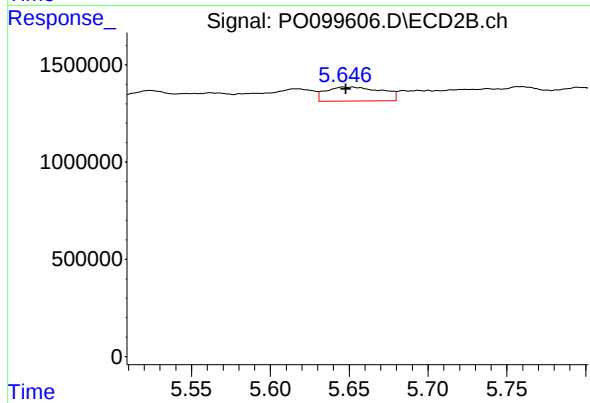
#19 AR-1242-4

R.T.: 5.140 min
Delta R.T.: 0.024 min
Response: 1684650
Conc: 99.99 ng/ml



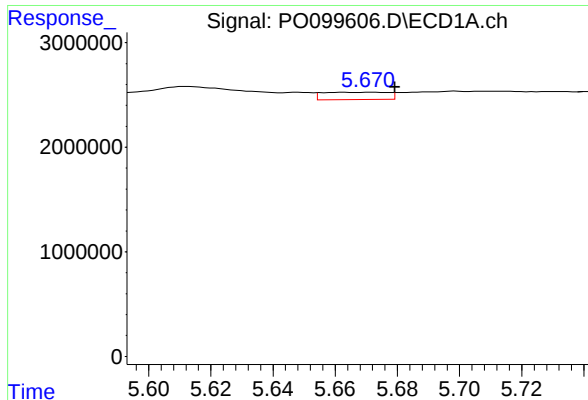
#20 AR-1242-5

R.T.: 6.583 min
Delta R.T.: -0.030 min
Response: 701041
Conc: 34.27 ng/ml



#20 AR-1242-5

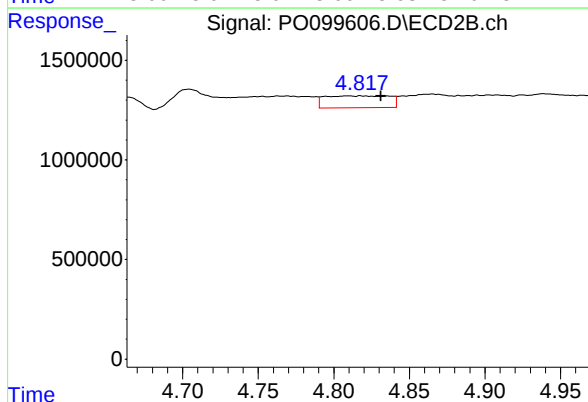
R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 1748419
Conc: 100.16 ng/ml



#21 AR-1248-1

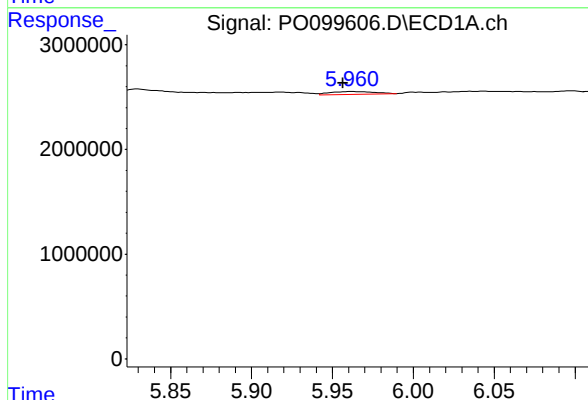
R.T.: 5.672 min
Delta R.T.: -0.007 min
Response: 1020543
Conc: 43.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



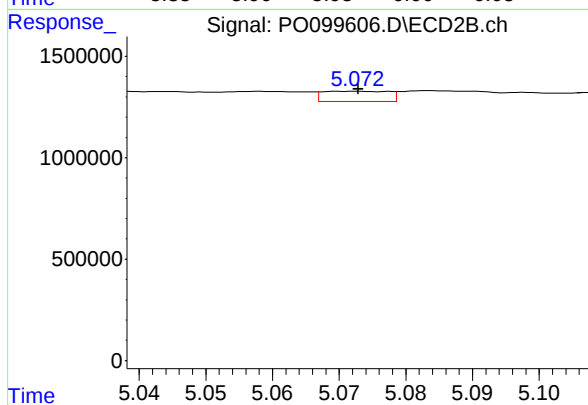
#21 AR-1248-1

R.T.: 4.817 min
Delta R.T.: -0.014 min
Response: 1768244
Conc: 102.43 ng/ml



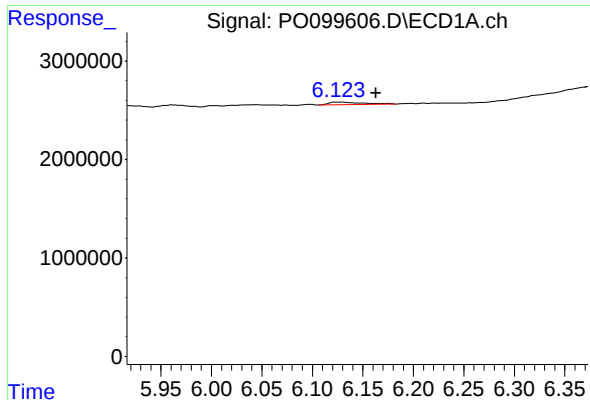
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: 0.005 min
Response: 545717
Conc: 14.04 ng/ml



#22 AR-1248-2

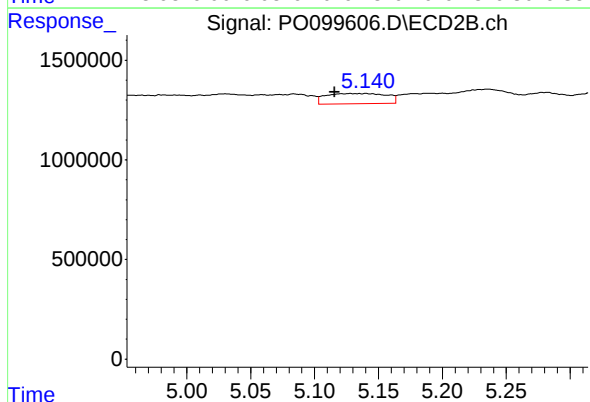
R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 341928
Conc: 14.52 ng/ml



#23 AR-1248-3

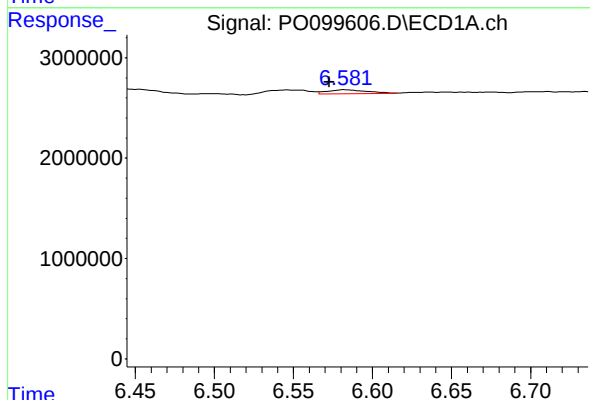
R.T.: 6.126 min
Delta R.T.: -0.037 min
Response: 609815
Conc: 14.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



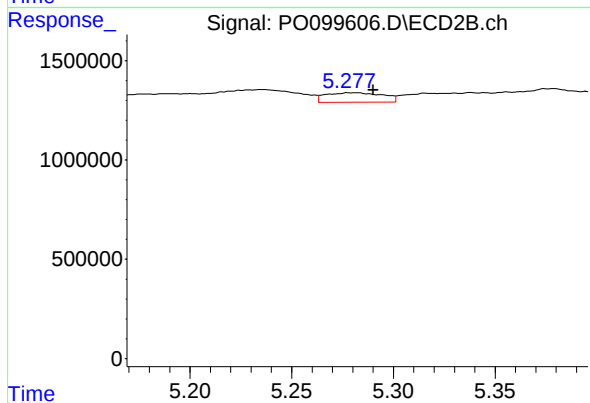
#23 AR-1248-3

R.T.: 5.140 min
Delta R.T.: 0.024 min
Response: 1684650
Conc: 68.01 ng/ml



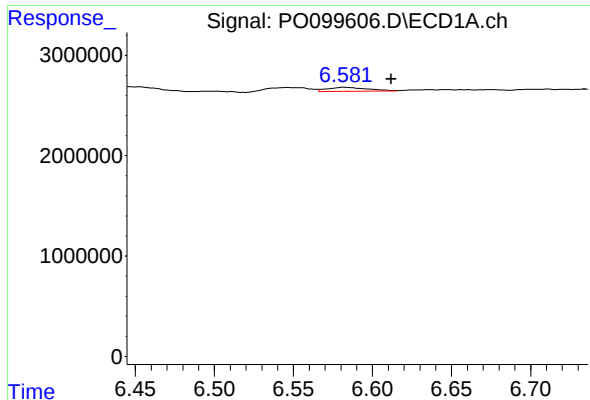
#24 AR-1248-4

R.T.: 6.583 min
Delta R.T.: 0.010 min
Response: 701041
Conc: 18.25 ng/ml



#24 AR-1248-4

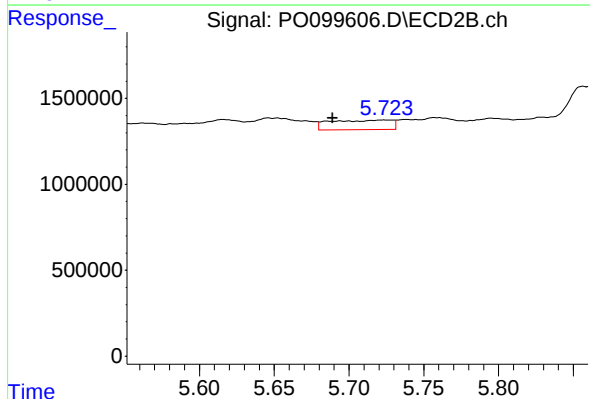
R.T.: 5.282 min
Delta R.T.: -0.009 min
Response: 927663
Conc: 33.65 ng/ml



#25 AR-1248-5

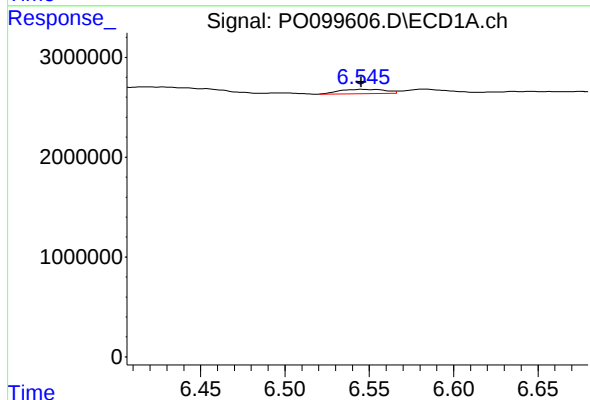
R.T.: 6.583 min
Delta R.T.: -0.029 min
Response: 701041
Conc: 18.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



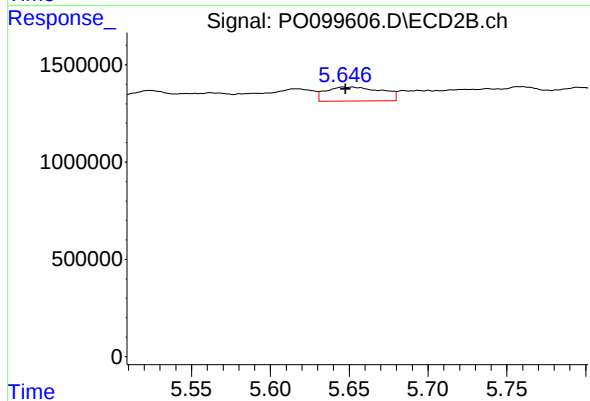
#25 AR-1248-5

R.T.: 5.723 min
Delta R.T.: 0.034 min
Response: 1584655
Conc: 69.45 ng/ml



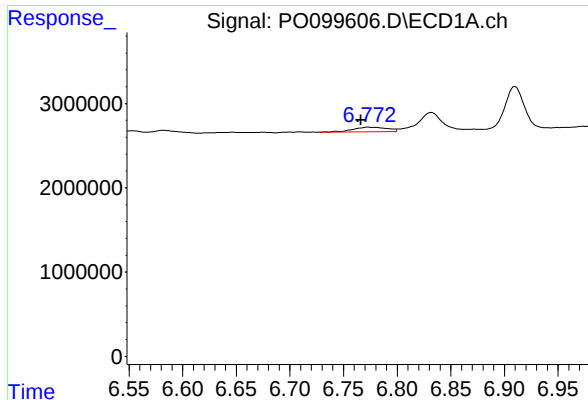
#26 AR-1254-1

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 846640
Conc: 18.81 ng/ml



#26 AR-1254-1

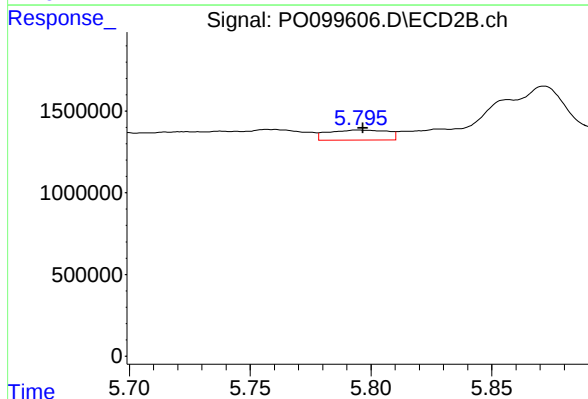
R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 1748419
Conc: 48.07 ng/ml



#27 AR-1254-2

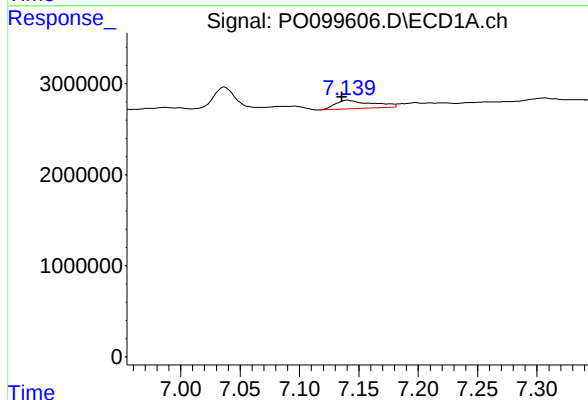
R.T.: 6.773 min
Delta R.T.: 0.007 min
Response: 1157603
Conc: 18.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



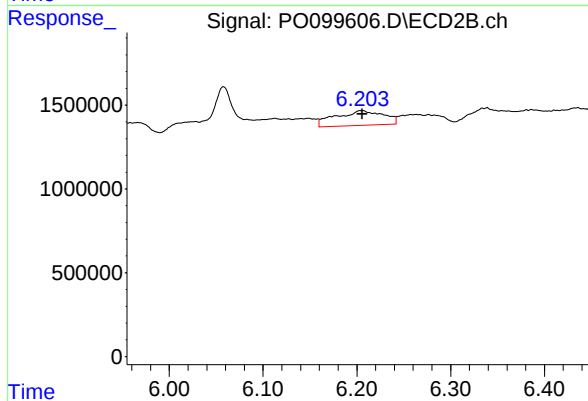
#27 AR-1254-2

R.T.: 5.795 min
Delta R.T.: -0.001 min
Response: 1044092
Conc: 32.14 ng/ml



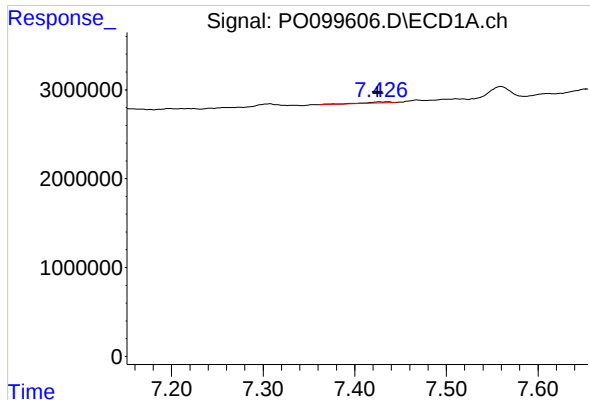
#28 AR-1254-3

R.T.: 7.141 min
Delta R.T.: 0.005 min
Response: 2013755
Conc: 34.57 ng/ml



#28 AR-1254-3

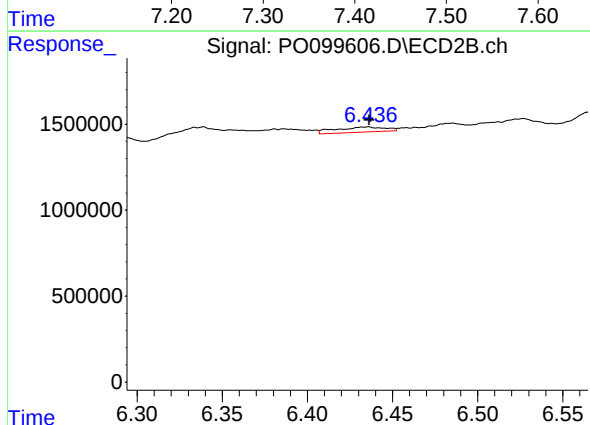
R.T.: 6.204 min
Delta R.T.: -0.002 min
Response: 3111876
Conc: 57.39 ng/ml



#29 AR-1254-4

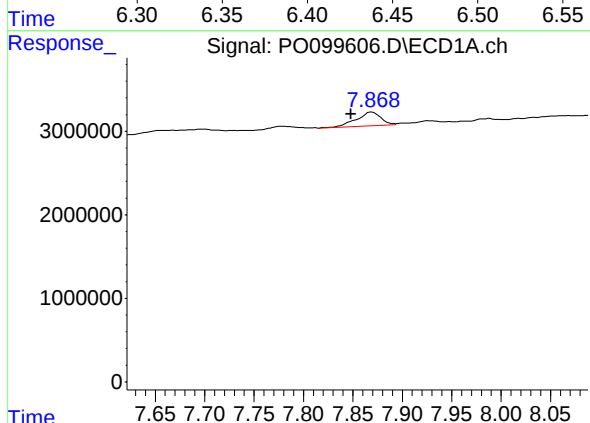
R.T.: 7.436 min
Delta R.T.: 0.011 min
Response: 215673
Conc: 6.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



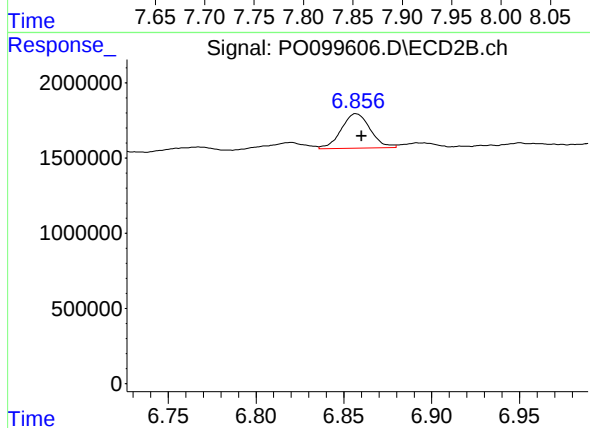
#29 AR-1254-4

R.T.: 6.435 min
Delta R.T.: -0.001 min
Response: 604826
Conc: 21.48 ng/ml



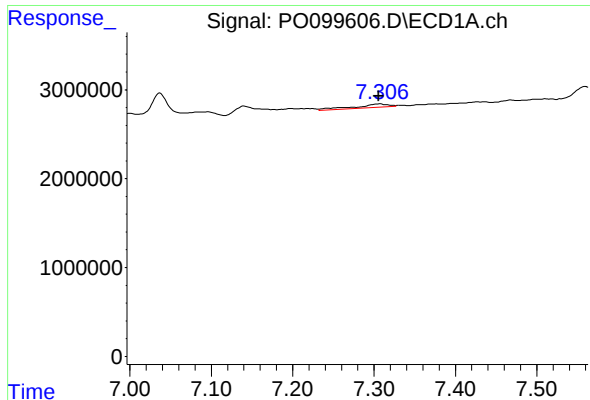
#30 AR-1254-5

R.T.: 7.869 min
Delta R.T.: 0.020 min
Response: 2856429
Conc: 73.00 ng/ml



#30 AR-1254-5

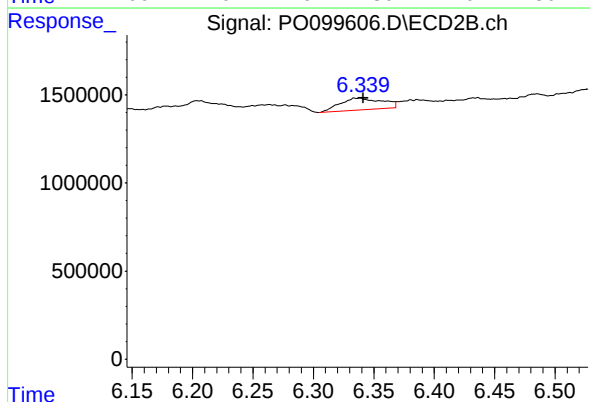
R.T.: 6.857 min
Delta R.T.: -0.003 min
Response: 2663481
Conc: 54.66 ng/ml



#31 AR-1260-1

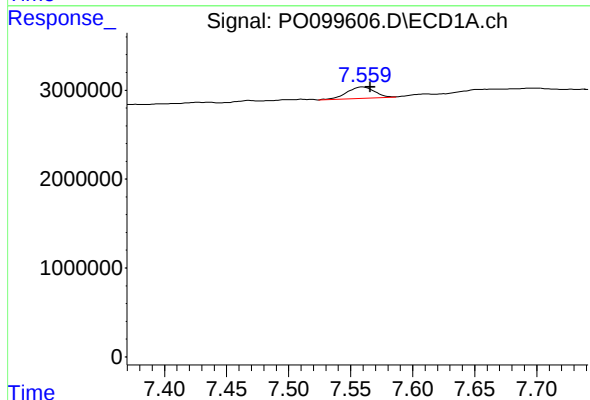
R.T.: 7.306 min
Delta R.T.: 0.000 min
Response: 1158881
Conc: 23.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



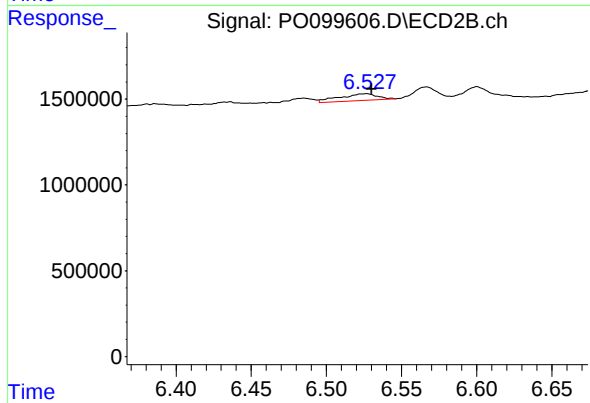
#31 AR-1260-1

R.T.: 6.338 min
Delta R.T.: -0.003 min
Response: 1631271
Conc: 37.82 ng/ml



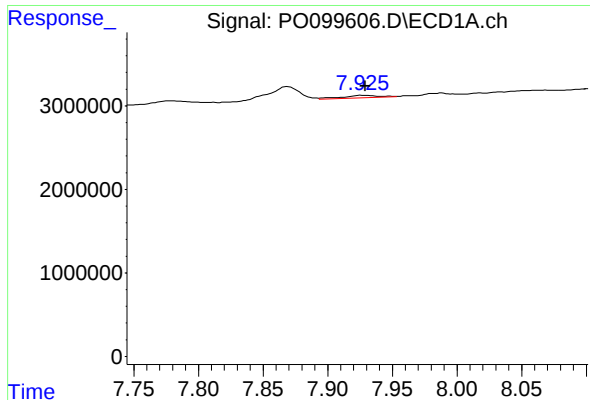
#32 AR-1260-2

R.T.: 7.560 min
Delta R.T.: -0.006 min
Response: 1981144
Conc: 38.79 ng/ml



#32 AR-1260-2

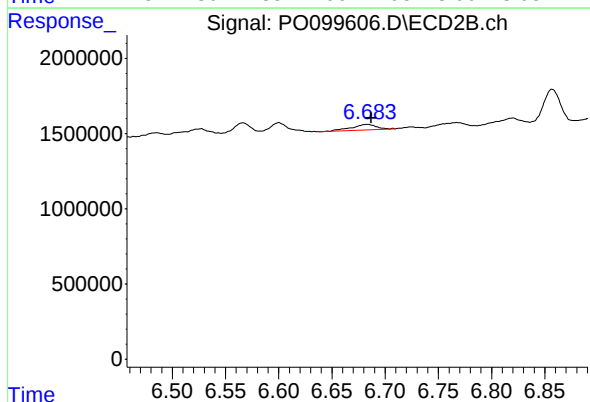
R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 692446
Conc: 14.78 ng/ml



#33 AR-1260-3

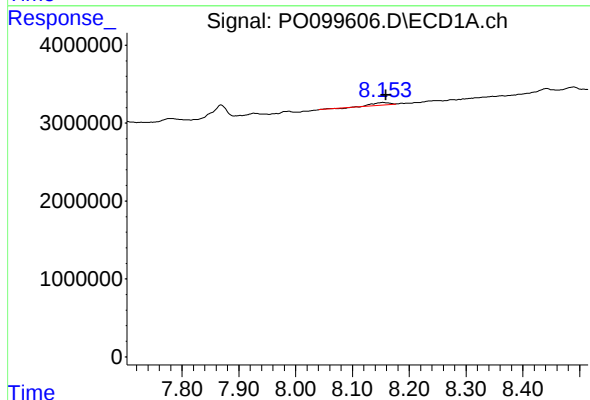
R.T.: 7.927 min
Delta R.T.: -0.002 min
Response: 545033
Conc: 15.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



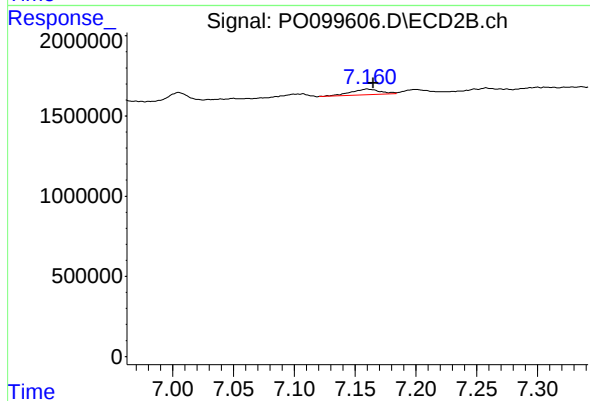
#33 AR-1260-3

R.T.: 6.683 min
Delta R.T.: -0.004 min
Response: 596143
Conc: 13.06 ng/ml



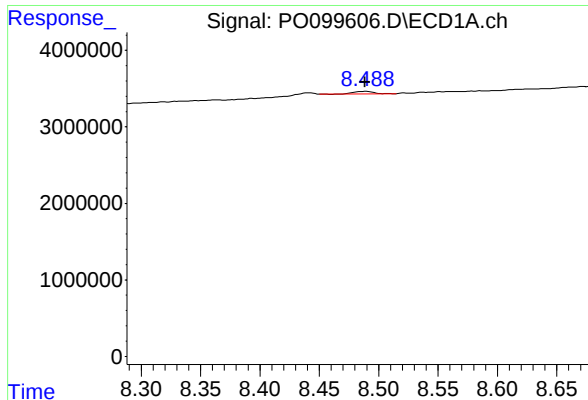
#34 AR-1260-4

R.T.: 8.154 min
Delta R.T.: -0.004 min
Response: 788986
Conc: 19.99 ng/ml



#34 AR-1260-4

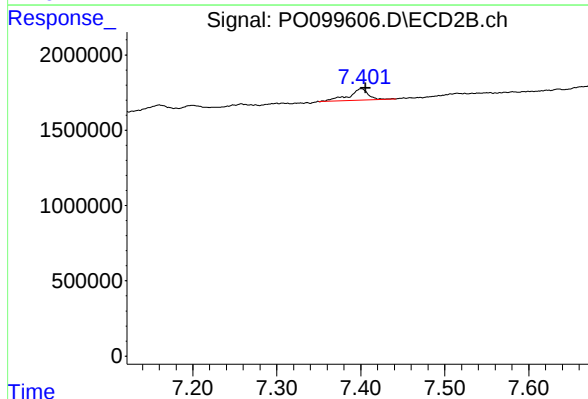
R.T.: 7.160 min
Delta R.T.: -0.004 min
Response: 599461
Conc: 16.31 ng/ml



#35 AR-1260-5

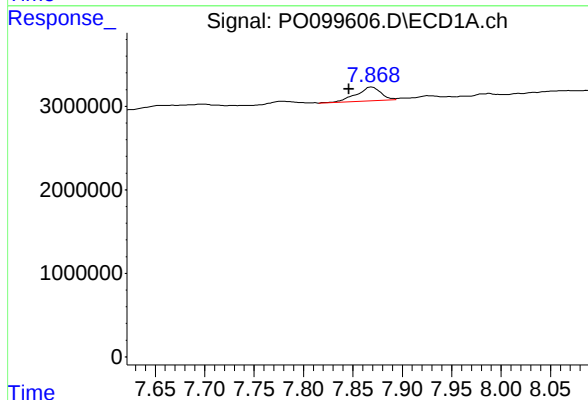
R.T.: 8.489 min
Delta R.T.: 0.000 min
Response: 348304
Conc: 5.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



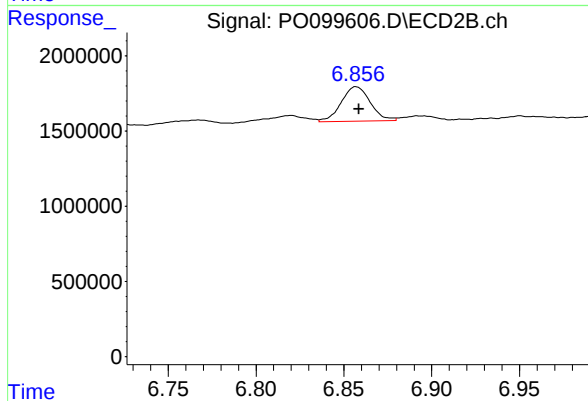
#35 AR-1260-5

R.T.: 7.400 min
Delta R.T.: -0.006 min
Response: 1237328
Conc: 16.98 ng/ml



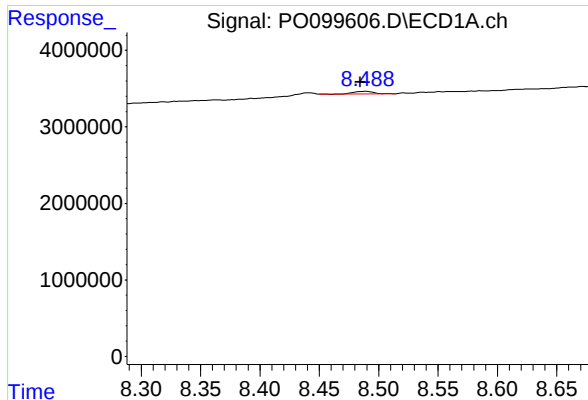
#36 AR-1262-1

R.T.: 7.869 min
Delta R.T.: 0.023 min
Response: 2856429
Conc: 90.43 ng/ml



#36 AR-1262-1

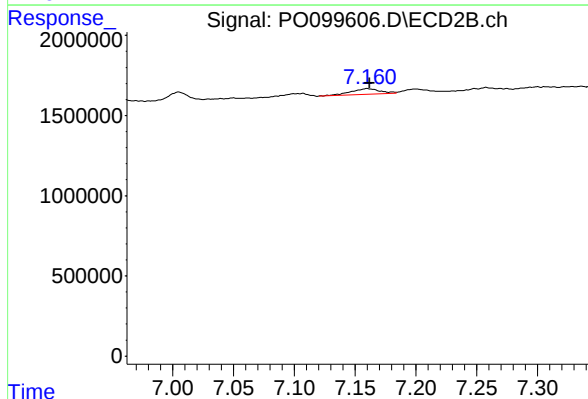
R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 2663481
Conc: 108.36 ng/ml



#37 AR-1262-2

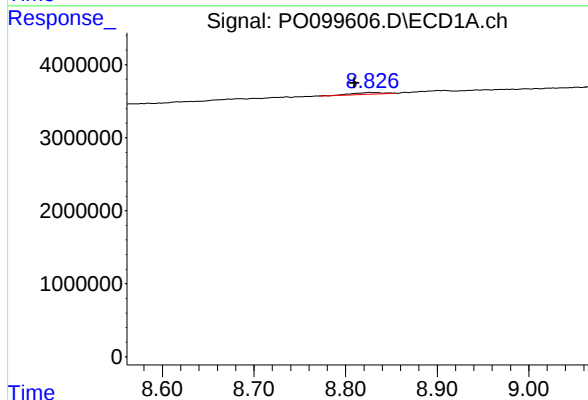
R.T.: 8.489 min
Delta R.T.: 0.004 min
Response: 348304
Conc: 4.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



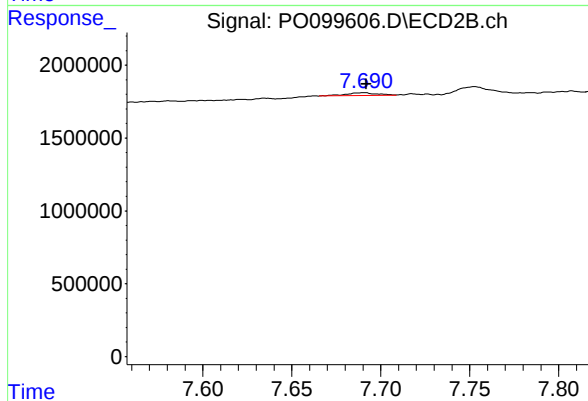
#37 AR-1262-2

R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 599461
Conc: 12.09 ng/ml



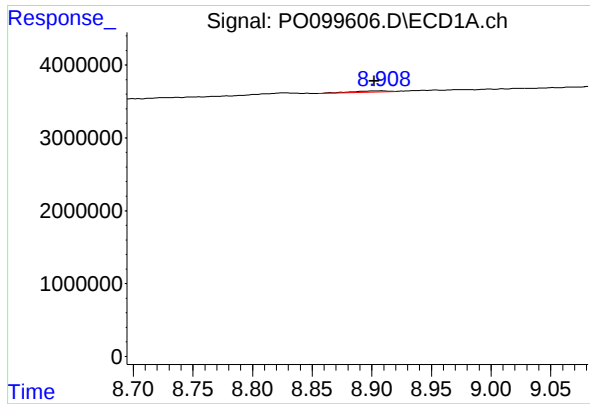
#38 AR-1262-3

R.T.: 8.827 min
Delta R.T.: 0.018 min
Response: 532982
Conc: 10.38 ng/ml



#38 AR-1262-3

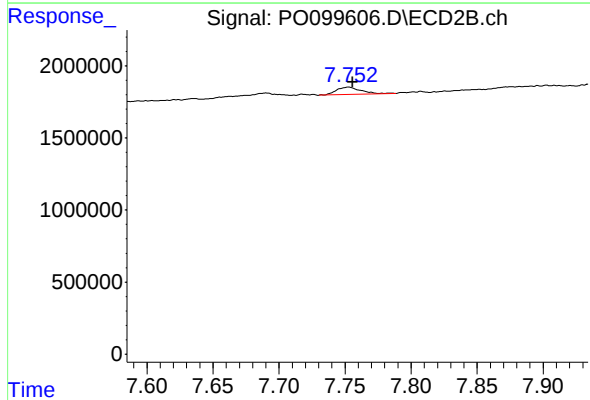
R.T.: 7.690 min
Delta R.T.: -0.002 min
Response: 237220
Conc: 6.42 ng/ml



#39 AR-1262-4

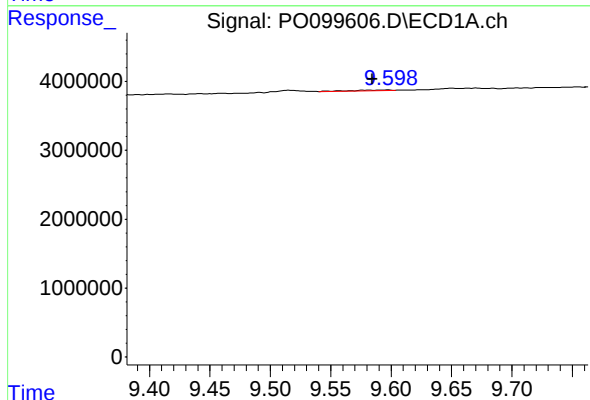
R.T.: 8.908 min
Delta R.T.: 0.006 min
Response: 375884
Conc: 9.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



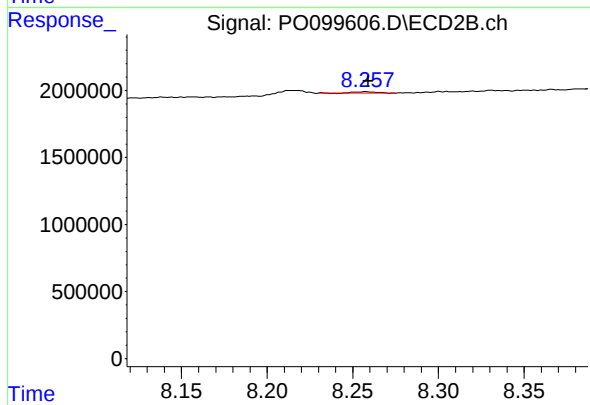
#39 AR-1262-4

R.T.: 7.752 min
Delta R.T.: -0.004 min
Response: 673784
Conc: 10.49 ng/ml



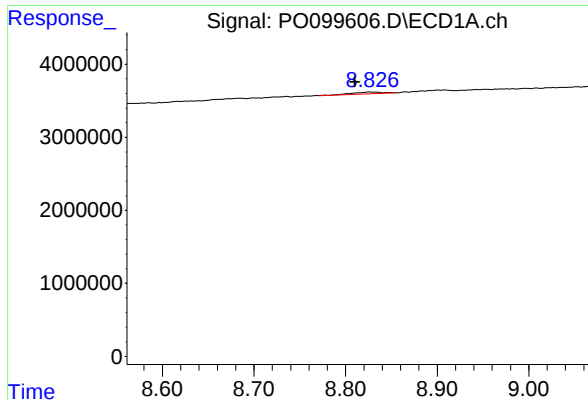
#40 AR-1262-5

R.T.: 9.597 min
Delta R.T.: 0.013 min
Response: 262999
Conc: 12.37 ng/ml



#40 AR-1262-5

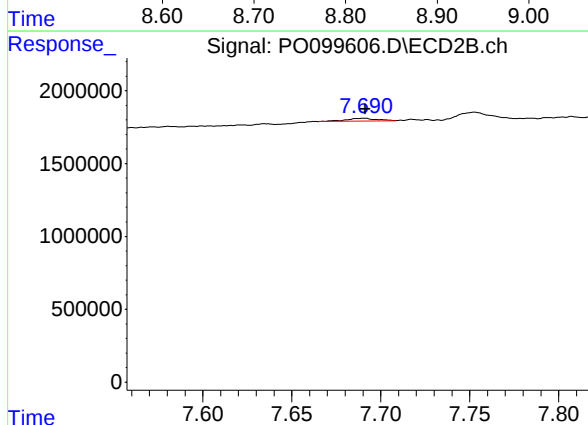
R.T.: 8.257 min
Delta R.T.: -0.002 min
Response: 85128
Conc: 3.10 ng/ml



#41 AR-1268-1

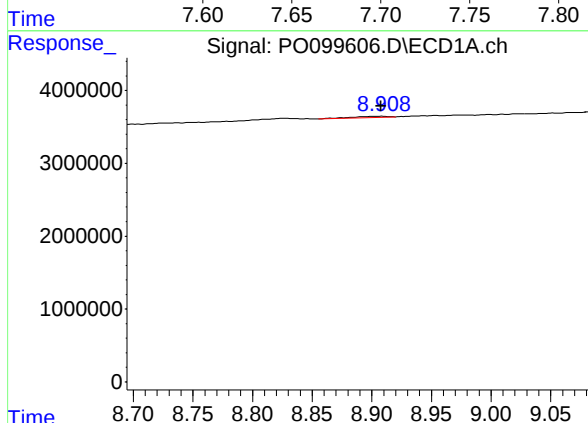
R.T.: 8.827 min
Delta R.T.: 0.017 min
Response: 532982
Conc: 5.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



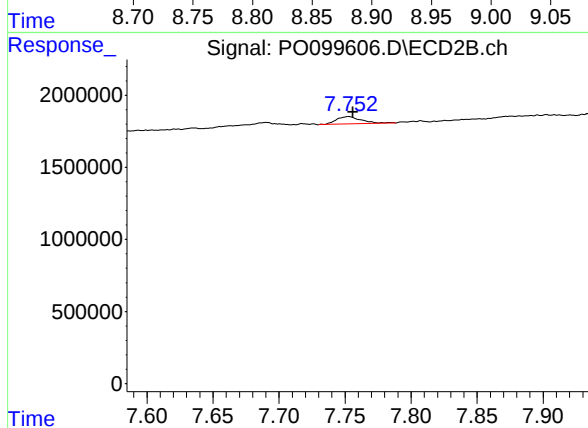
#41 AR-1268-1

R.T.: 7.690 min
Delta R.T.: -0.001 min
Response: 237220
Conc: 2.16 ng/ml



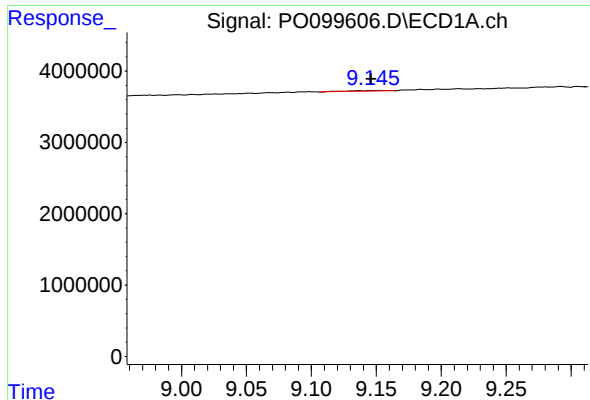
#42 AR-1268-2

R.T.: 8.908 min
Delta R.T.: 0.000 min
Response: 375884
Conc: 4.43 ng/ml



#42 AR-1268-2

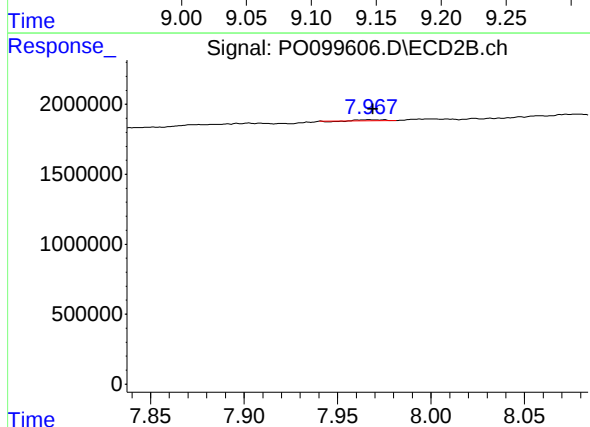
R.T.: 7.752 min
Delta R.T.: -0.004 min
Response: 673784
Conc: 6.83 ng/ml



#43 AR-1268-3

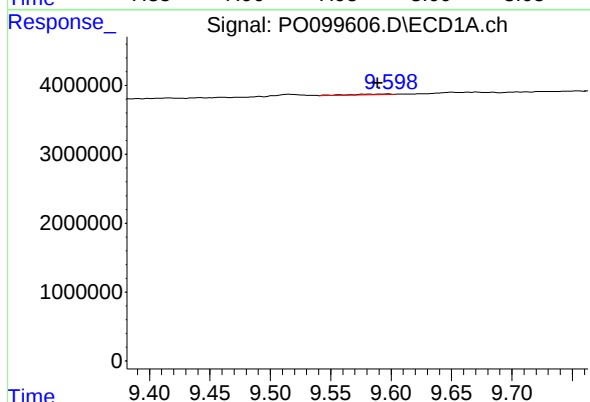
R.T.: 9.155 min
Delta R.T.: 0.009 min
Response: 188034
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



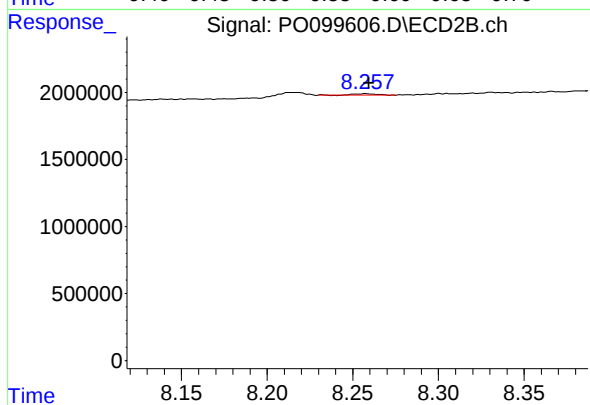
#43 AR-1268-3

R.T.: 7.967 min
Delta R.T.: -0.002 min
Response: 55925
Conc: 0.59 ng/ml



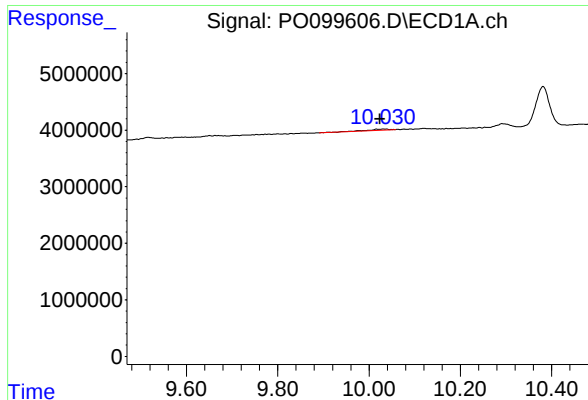
#44 AR-1268-4

R.T.: 9.597 min
Delta R.T.: 0.008 min
Response: 262999
Conc: 10.82 ng/ml



#44 AR-1268-4

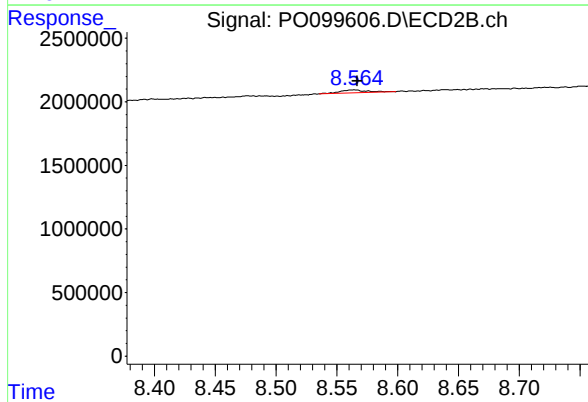
R.T.: 8.257 min
Delta R.T.: -0.002 min
Response: 85128
Conc: 2.84 ng/ml



#45 AR-1268-5

R.T.: 10.032 min
Delta R.T.: 0.008 min
Response: 569479
Conc: 2.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.564 min
Delta R.T.: -0.003 min
Response: 374656
Conc: 1.49 ng/ml