

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100923\
 Data File : PO098576.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 13:51
 Operator : YP/AJ
 Sample : 04699-01
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:25:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO092723.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...	4.481	3.635	38746761	15009728	20.179	19.271
2)	SA Decachlor...	10.298	8.644	28017232	11998723	23.081	22.395
Target Compounds							
3)	L1 AR-1016-1	5.657	4.719	659503	293426	12.203	12.294
4)	L1 AR-1016-2	5.678	4.737	837329	422170	10.313	12.398
5)	L1 AR-1016-3	5.741	4.914	478917	177796	9.572	9.884
6)	L1 AR-1016-4	5.844	4.957	412267	175786	10.543	11.726
7)	L1 AR-1016-5	6.135	5.170	400542	232960	9.741	11.996
8)	L2 AR-1221-1	4.685	3.849	453970	208415	20.163	22.684
9)	L2 AR-1221-2	4.788	3.935	934472	373617	55.383	56.187
10)	L2 AR-1221-3	4.853	4.011	999874	372528	20.444	18.467
11)	L3 AR-1232-1	4.853	4.011	999874	372528	24.479	22.164
12)	L3 AR-1232-2	5.386	4.737	427036	422170	19.745	28.095 #
13)	L3 AR-1232-3	5.678	4.914	837329	177796	23.555	22.717
14)	L3 AR-1232-4	5.844	4.999	412267	212802	24.284	28.301
15)	L3 AR-1232-5	5.932	5.170	384251	232960	26.988	28.797
16)	L4 AR-1242-1	5.657	4.719	659503	293426	14.483	14.015
17)	L4 AR-1242-2	5.678	4.737	837329	422170	12.226	14.519
18)	L4 AR-1242-3	5.741	4.914	478917	177796	11.310	11.377
19)	L4 AR-1242-4	5.844	4.999	412267	212802	12.565	12.849
20)	L4 AR-1242-5	6.587	5.521	543373	340492	15.340	18.347
21)	L5 AR-1248-1	5.657	4.719	659503	293426	19.487	18.724
22)	L5 AR-1248-2	5.932	4.957	384251	175786	7.420	7.988
23)	L5 AR-1248-3	6.135	4.999	400542	212802	7.088	9.063 #
24)	L5 AR-1248-4	6.545	5.170	430227	232960	7.589	8.734
25)	L5 AR-1248-5	6.587	5.561	543373	378499	9.187	16.040 #
26)	L6 AR-1254-1	6.513	5.521	320430	340492	5.073	8.880 #
27)	L6 AR-1254-2	6.741	5.674	443307	340577	4.619	9.892 #
28)	L6 AR-1254-3	7.115	6.080	410067	203724	4.358	3.921
29)	L6 AR-1254-4	7.401	6.300	437495	86412	7.514	3.148 #
30)	L6 AR-1254-5	7.798	6.730	783767	59045	11.222	1.363 #
31)	L7 AR-1260-1	7.269	6.213	144543	71290	1.988	1.943
32)	L7 AR-1260-2	7.524	6.395	323928	32070	3.934	0.764 #
33)	L7 AR-1260-3	7.876	6.561	357558	810561	5.780	20.255 #
34)	L7 AR-1260-4	8.116	7.018	1163503	50654	17.259	1.573 #
35)	L7 AR-1260-5	8.440	7.273	645616	75652	4.969	1.080 #
36)	L8 AR-1262-1	7.876	6.774	357558	60328	4.111	1.333 #
37)	L8 AR-1262-2	8.440	7.018	645616	50654	4.577	1.256 #
38)	L8 AR-1262-3	8.757	7.549	13066	134548	0.132	4.334 #
39)	L8 AR-1262-4	8.860	7.601	206906	69302	2.696	1.279 #
40)	L8 AR-1262-5	9.521	8.104	53327	71030	1.099	2.876 #
41)	L9 AR-1268-1	8.757	7.549	13066	134548	0.075	1.472 #

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 Misc : AR1232 LOD 25 PPB
 ALS Vial : 10 Sample Multiplier: 1

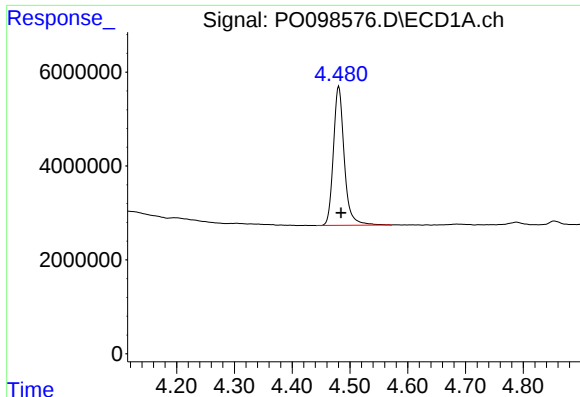
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:25:06 2023
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 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	8.860	7.601	206906	69302	1.327	0.894 #
43) L9	AR-1268-3	9.083	7.845	130993	83297	0.958	1.257 #
44) L9	AR-1268-4	9.521	8.104	53327	71030	1.001	2.624 #
45) L9	AR-1268-5	9.962	8.391	223669	89236	0.509	0.451

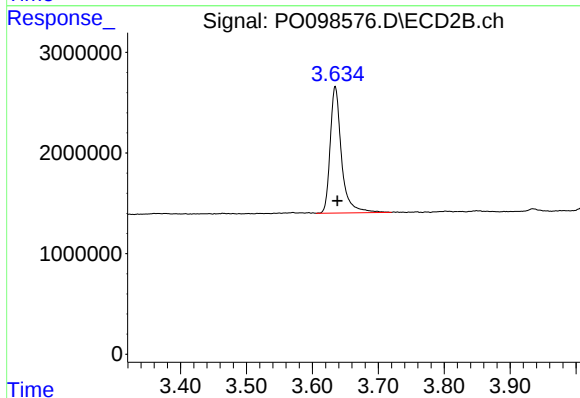
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

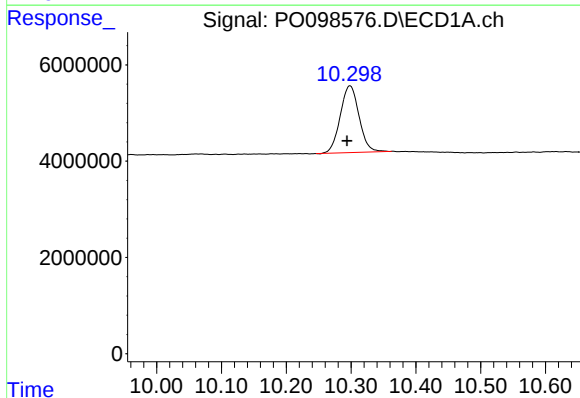
R.T.: 4.481 min
Delta R.T.: -0.004 min
Response: 38746761
Conc: 20.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



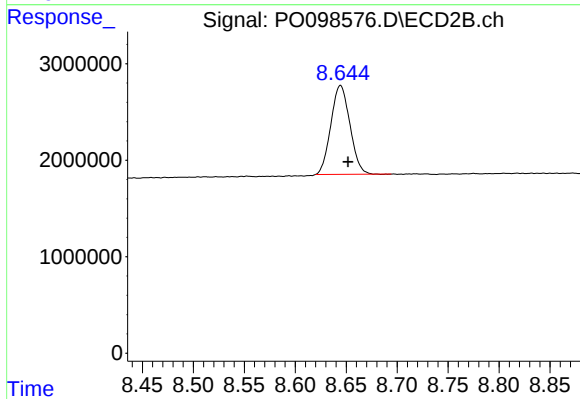
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: -0.003 min
Response: 15009728
Conc: 19.27 ng/ml



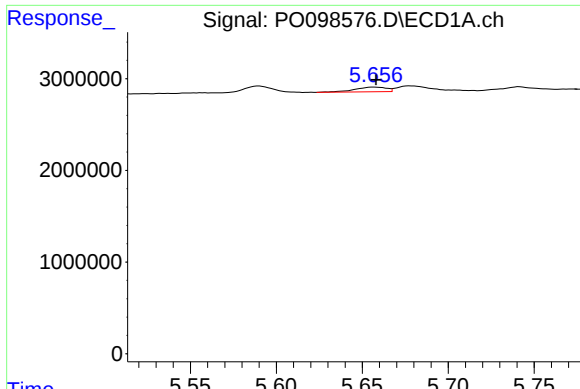
#2 Decachlorobiphenyl

R.T.: 10.298 min
Delta R.T.: 0.005 min
Response: 28017232
Conc: 23.08 ng/ml



#2 Decachlorobiphenyl

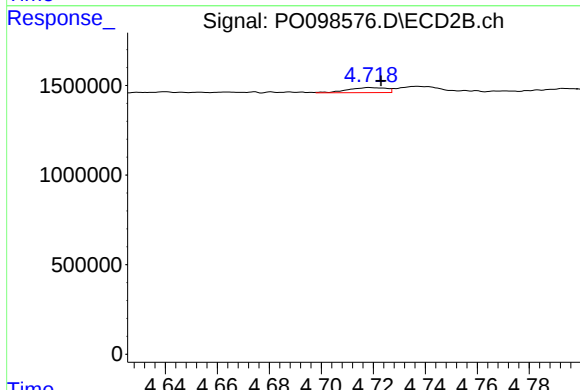
R.T.: 8.644 min
Delta R.T.: -0.008 min
Response: 11998723
Conc: 22.40 ng/ml



#3 AR-1016-1

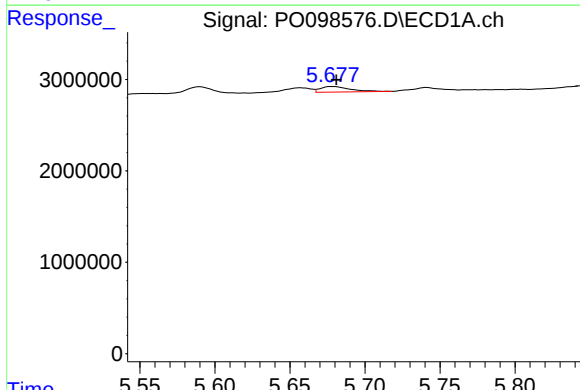
R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 659503
Conc: 12.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



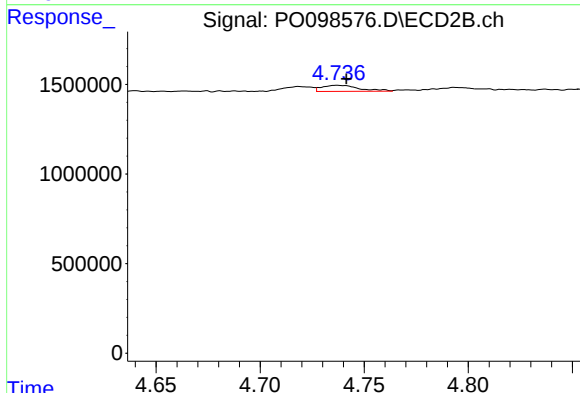
#3 AR-1016-1

R.T.: 4.719 min
Delta R.T.: -0.004 min
Response: 293426
Conc: 12.29 ng/ml



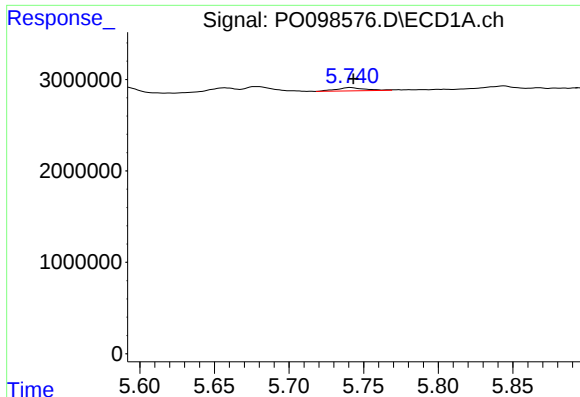
#4 AR-1016-2

R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 837329
Conc: 10.31 ng/ml



#4 AR-1016-2

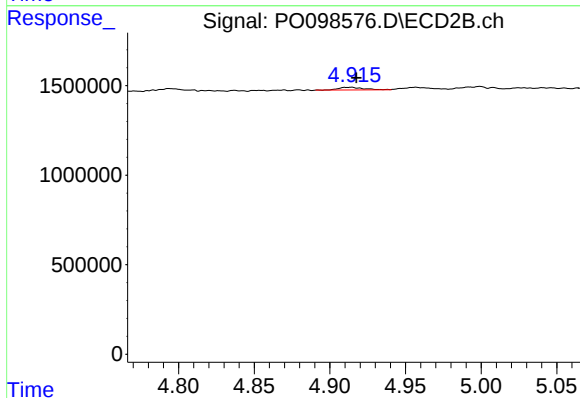
R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 422170
Conc: 12.40 ng/ml



#5 AR-1016-3

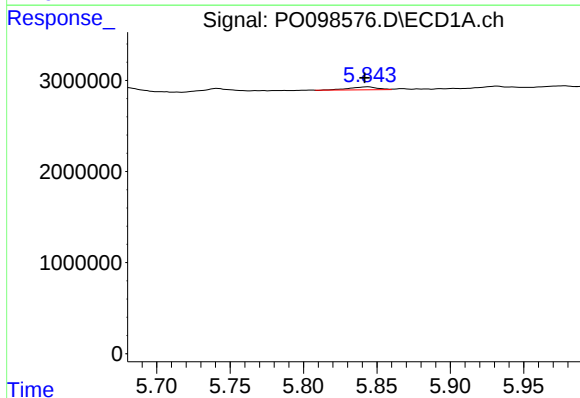
R.T.: 5.741 min
Delta R.T.: -0.002 min
Response: 478917
Conc: 9.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



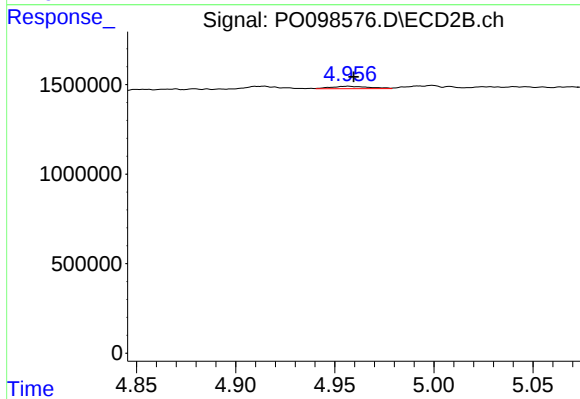
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 177796
Conc: 9.88 ng/ml



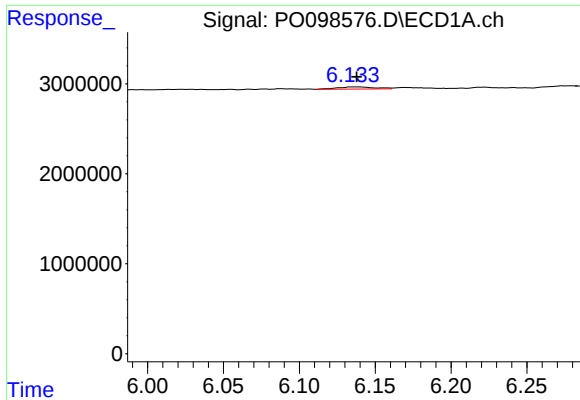
#6 AR-1016-4

R.T.: 5.844 min
Delta R.T.: 0.002 min
Response: 412267
Conc: 10.54 ng/ml



#6 AR-1016-4

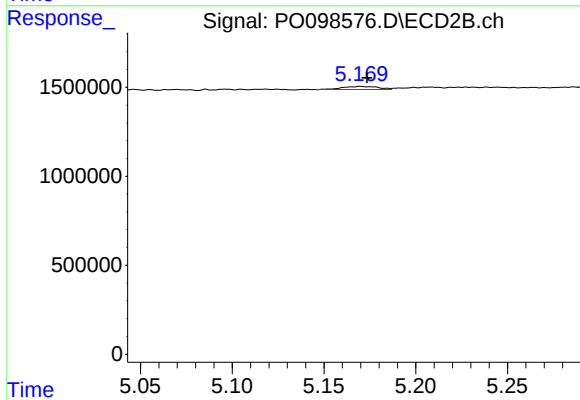
R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 175786
Conc: 11.73 ng/ml



#7 AR-1016-5

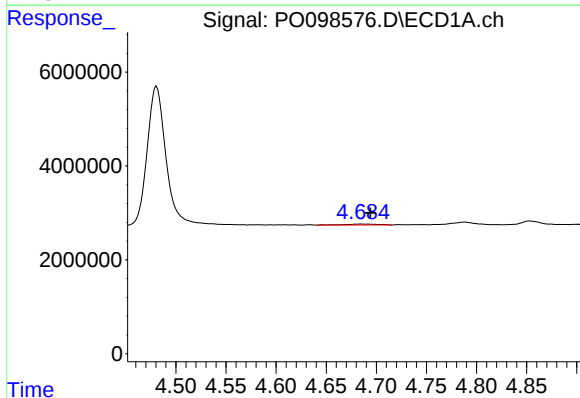
R.T.: 6.135 min
Delta R.T.: -0.003 min
Response: 400542
Conc: 9.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



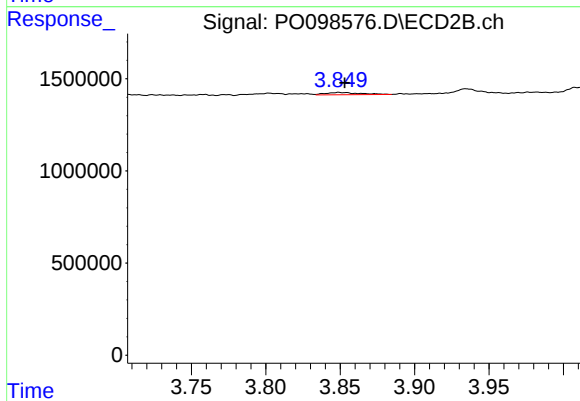
#7 AR-1016-5

R.T.: 5.170 min
Delta R.T.: -0.004 min
Response: 232960
Conc: 12.00 ng/ml



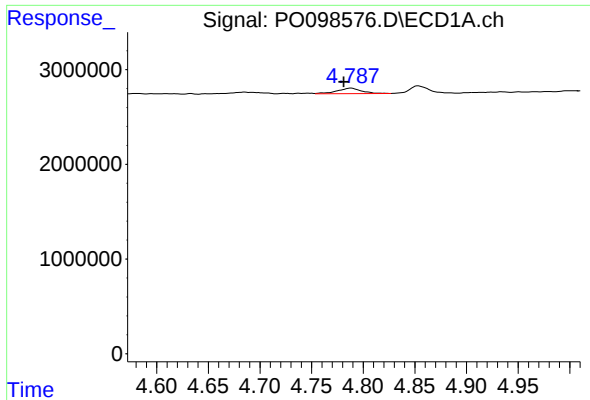
#8 AR-1221-1

R.T.: 4.685 min
Delta R.T.: -0.009 min
Response: 453970
Conc: 20.16 ng/ml



#8 AR-1221-1

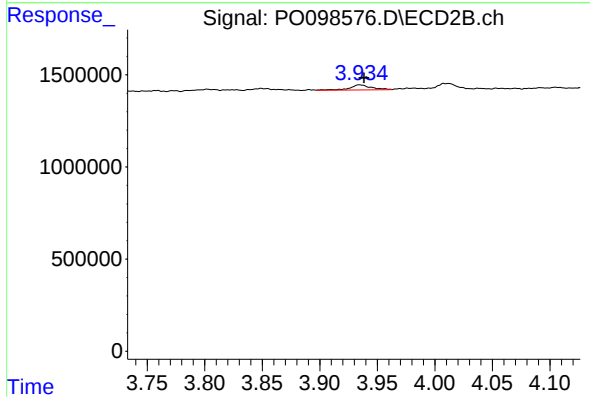
R.T.: 3.849 min
Delta R.T.: -0.004 min
Response: 208415
Conc: 22.68 ng/ml



#9 AR-1221-2

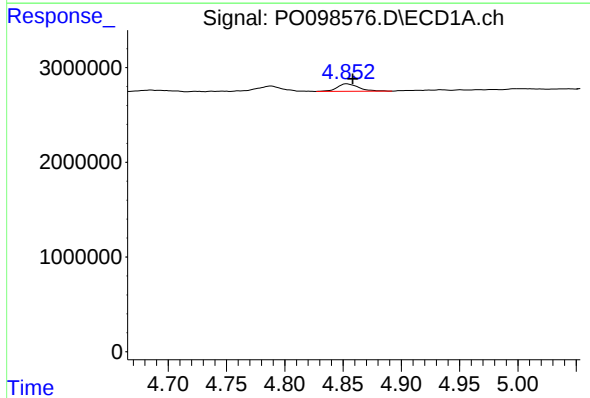
R.T.: 4.788 min
Delta R.T.: 0.007 min
Response: 934472
Conc: 55.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



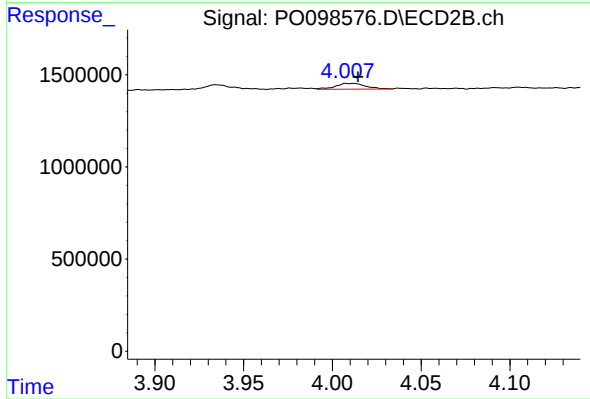
#9 AR-1221-2

R.T.: 3.935 min
Delta R.T.: -0.004 min
Response: 373617
Conc: 56.19 ng/ml



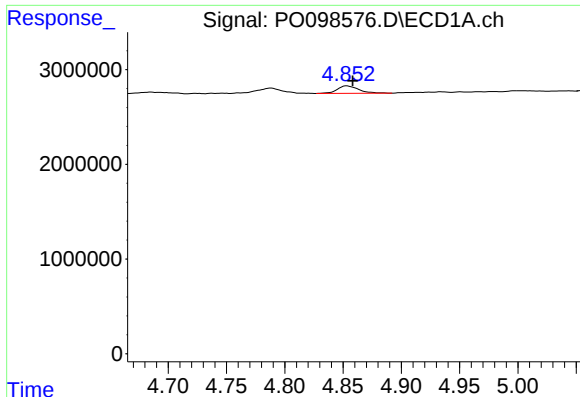
#10 AR-1221-3

R.T.: 4.853 min
Delta R.T.: -0.005 min
Response: 999874
Conc: 20.44 ng/ml



#10 AR-1221-3

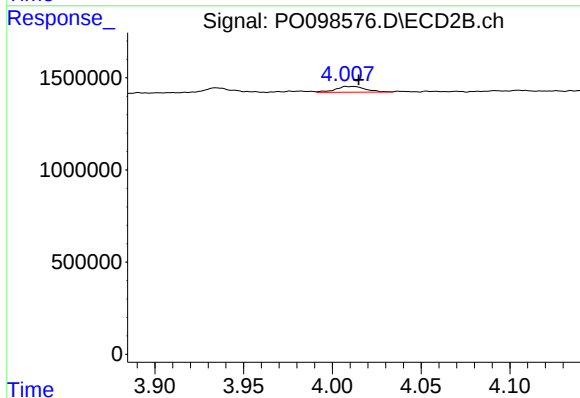
R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 372528
Conc: 18.47 ng/ml



#11 AR-1232-1

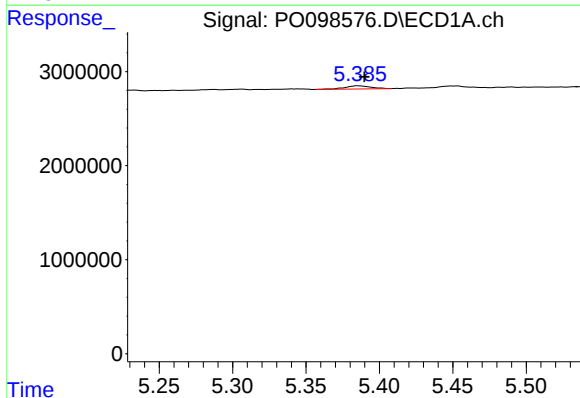
R.T.: 4.853 min
Delta R.T.: -0.005 min
Response: 999874
Conc: 24.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



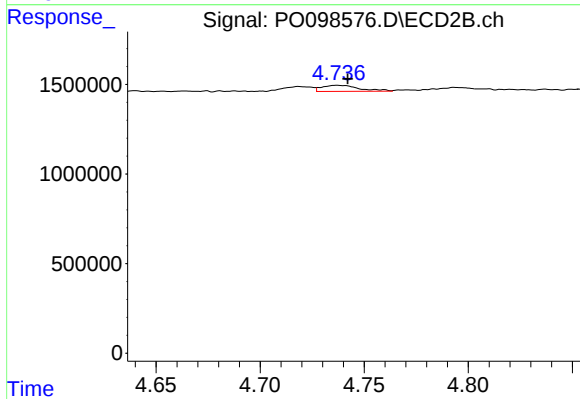
#11 AR-1232-1

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 372528
Conc: 22.16 ng/ml



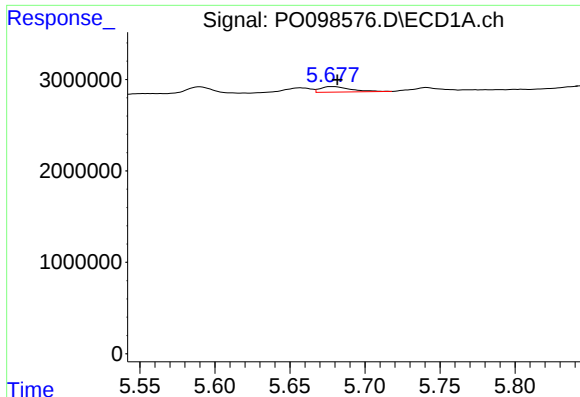
#12 AR-1232-2

R.T.: 5.386 min
Delta R.T.: -0.004 min
Response: 427036
Conc: 19.74 ng/ml



#12 AR-1232-2

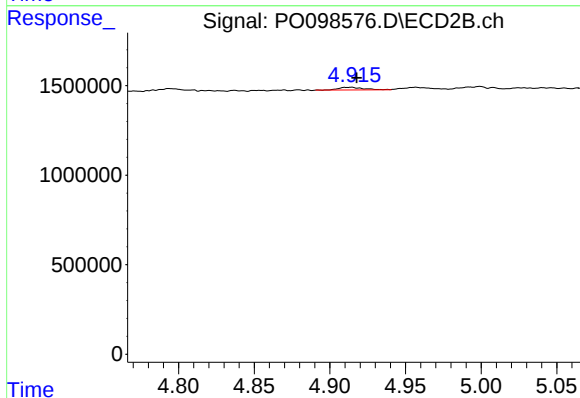
R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 422170
Conc: 28.10 ng/ml



#13 AR-1232-3

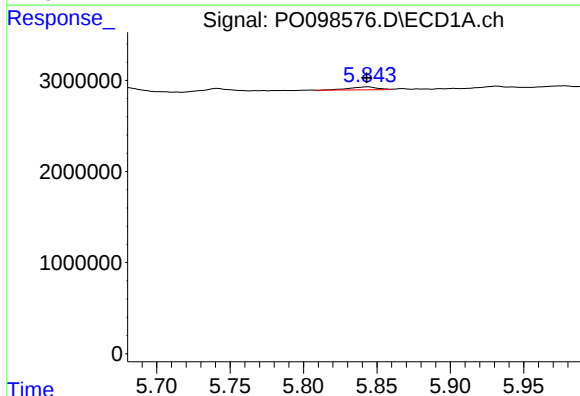
R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 837329
Conc: 23.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



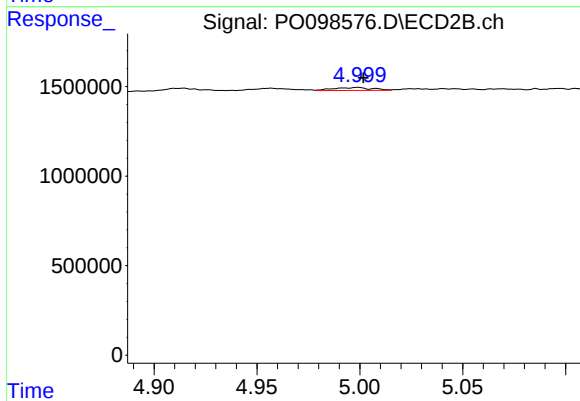
#13 AR-1232-3

R.T.: 4.914 min
Delta R.T.: -0.004 min
Response: 177796
Conc: 22.72 ng/ml



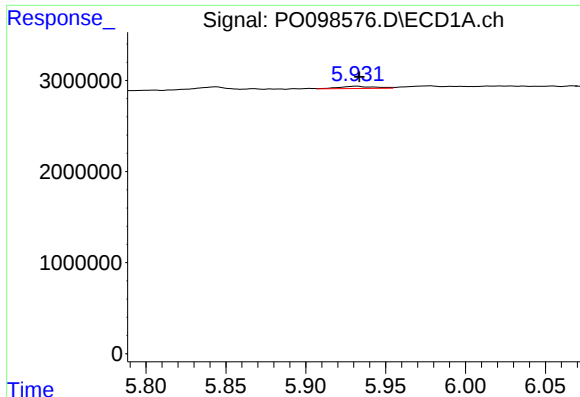
#14 AR-1232-4

R.T.: 5.844 min
Delta R.T.: 0.000 min
Response: 412267
Conc: 24.28 ng/ml



#14 AR-1232-4

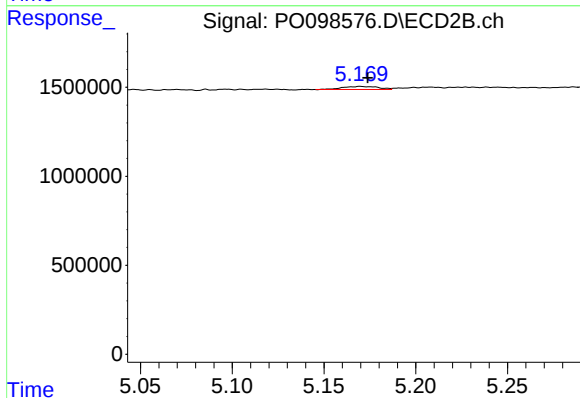
R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 212802
Conc: 28.30 ng/ml



#15 AR-1232-5

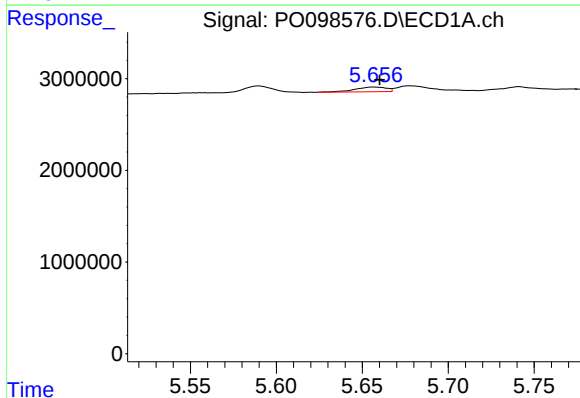
R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 384251
Conc: 26.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



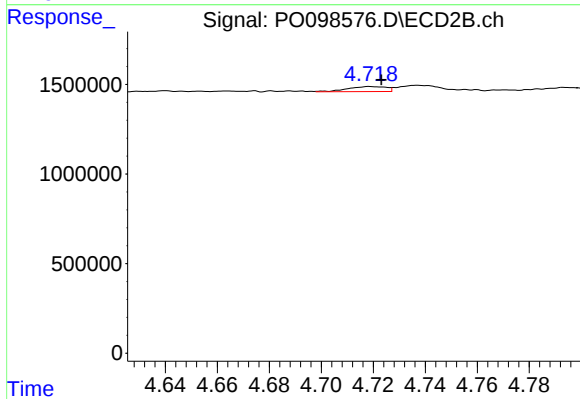
#15 AR-1232-5

R.T.: 5.170 min
Delta R.T.: -0.004 min
Response: 232960
Conc: 28.80 ng/ml



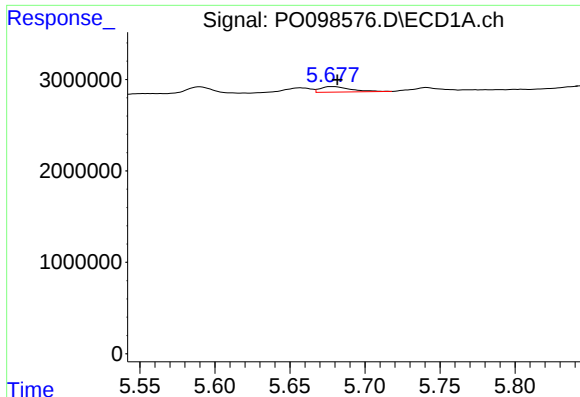
#16 AR-1242-1

R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 659503
Conc: 14.48 ng/ml



#16 AR-1242-1

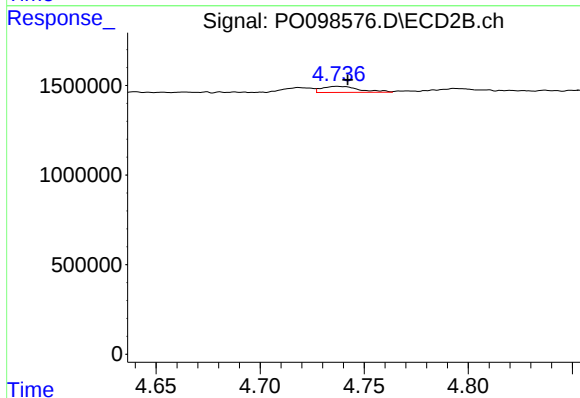
R.T.: 4.719 min
Delta R.T.: -0.004 min
Response: 293426
Conc: 14.02 ng/ml



#17 AR-1242-2

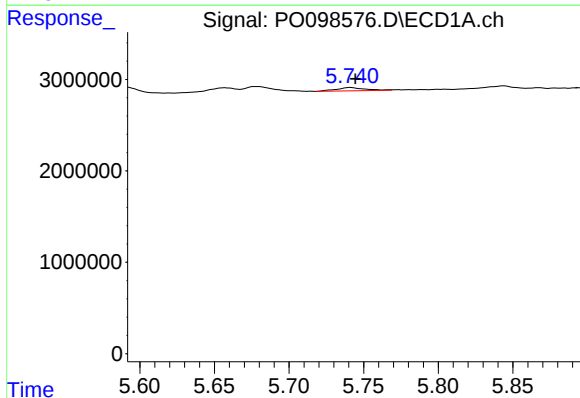
R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 837329
Conc: 12.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



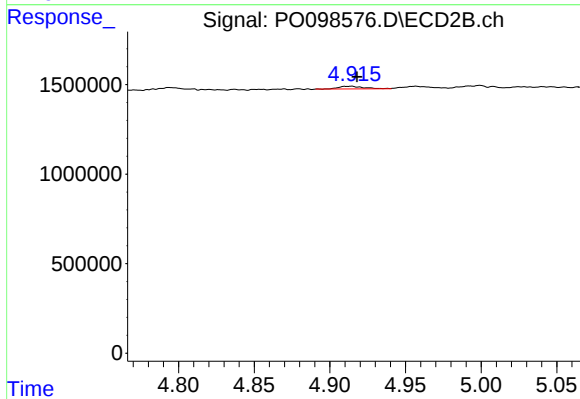
#17 AR-1242-2

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 422170
Conc: 14.52 ng/ml



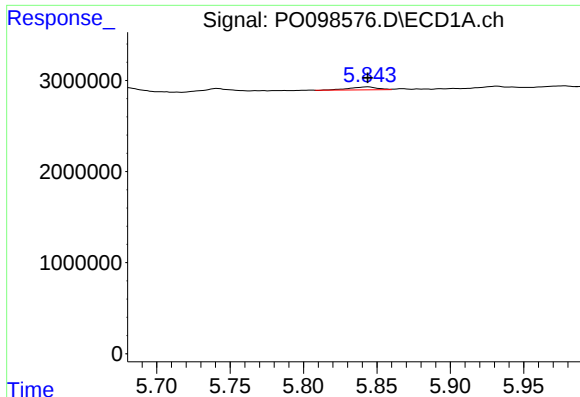
#18 AR-1242-3

R.T.: 5.741 min
Delta R.T.: -0.003 min
Response: 478917
Conc: 11.31 ng/ml



#18 AR-1242-3

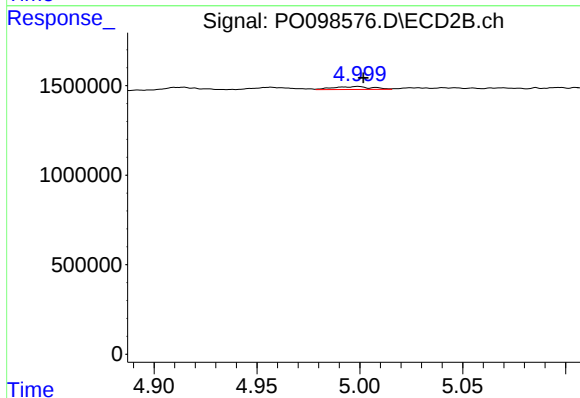
R.T.: 4.914 min
Delta R.T.: -0.004 min
Response: 177796
Conc: 11.38 ng/ml



#19 AR-1242-4

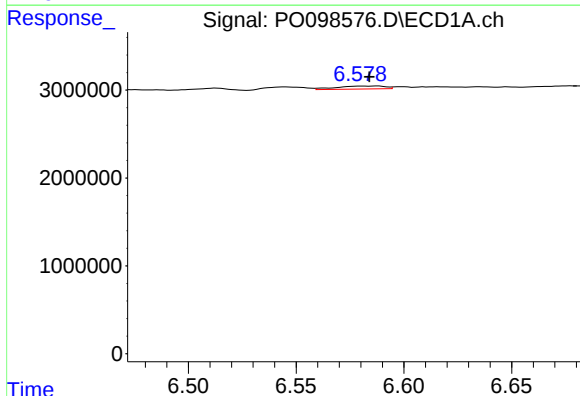
R.T.: 5.844 min
Delta R.T.: 0.000 min
Response: 412267
Conc: 12.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



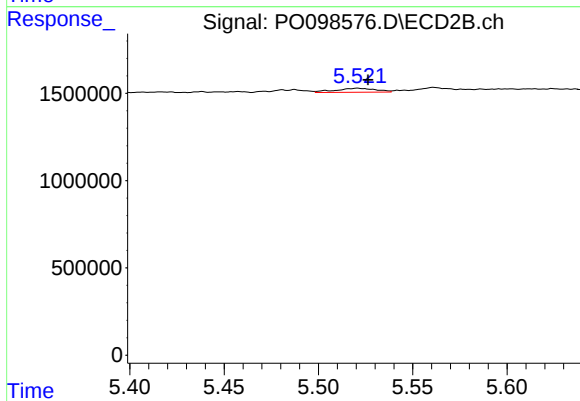
#19 AR-1242-4

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 212802
Conc: 12.85 ng/ml



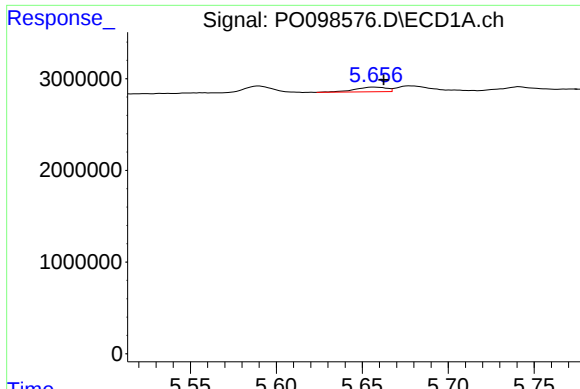
#20 AR-1242-5

R.T.: 6.587 min
Delta R.T.: 0.003 min
Response: 543373
Conc: 15.34 ng/ml



#20 AR-1242-5

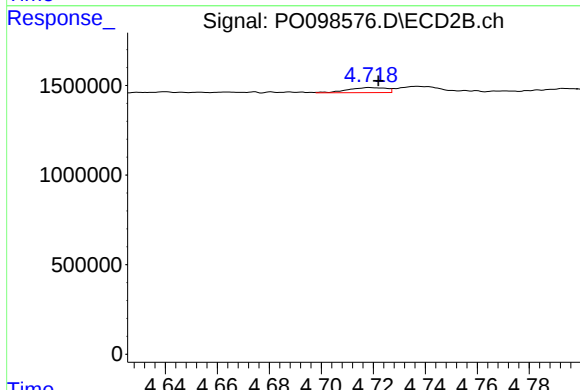
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 340492
Conc: 18.35 ng/ml



#21 AR-1248-1

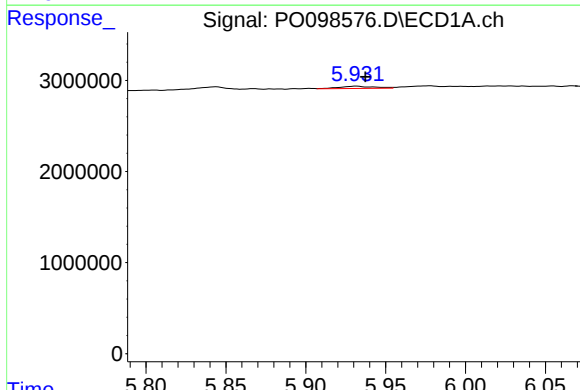
R.T.: 5.657 min
Delta R.T.: -0.006 min
Response: 659503
Conc: 19.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



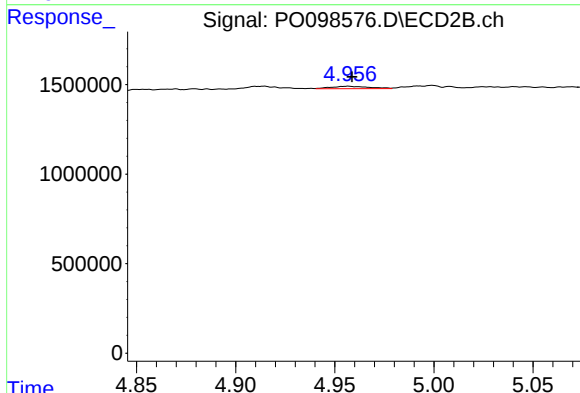
#21 AR-1248-1

R.T.: 4.719 min
Delta R.T.: -0.003 min
Response: 293426
Conc: 18.72 ng/ml



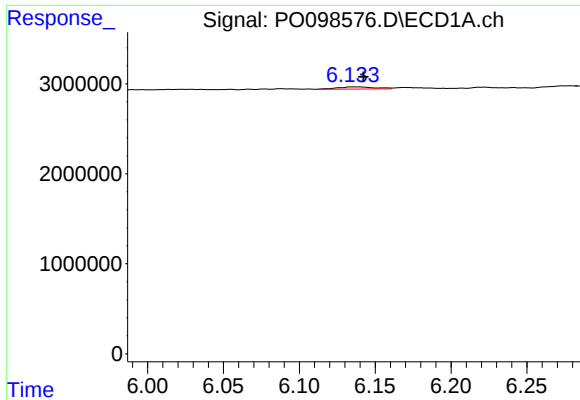
#22 AR-1248-2

R.T.: 5.932 min
Delta R.T.: -0.005 min
Response: 384251
Conc: 7.42 ng/ml



#22 AR-1248-2

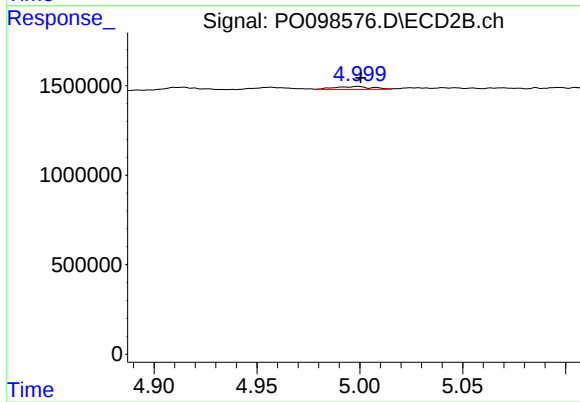
R.T.: 4.957 min
Delta R.T.: -0.002 min
Response: 175786
Conc: 7.99 ng/ml



#23 AR-1248-3

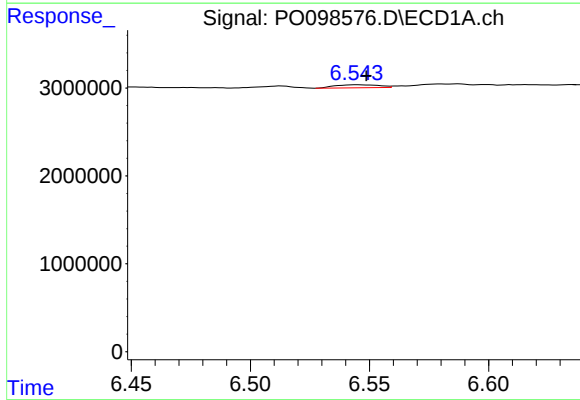
R.T.: 6.135 min
Delta R.T.: -0.007 min
Response: 400542
Conc: 7.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



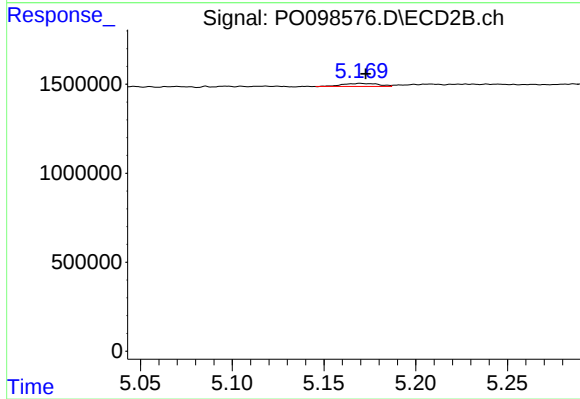
#23 AR-1248-3

R.T.: 4.999 min
Delta R.T.: -0.001 min
Response: 212802
Conc: 9.06 ng/ml



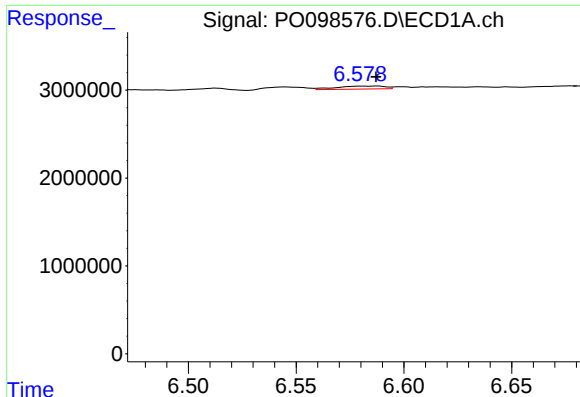
#24 AR-1248-4

R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 430227
Conc: 7.59 ng/ml



#24 AR-1248-4

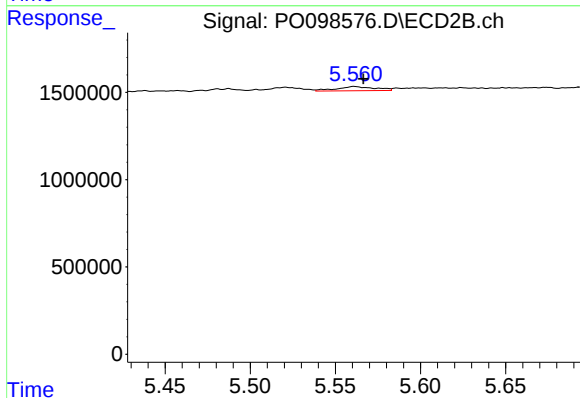
R.T.: 5.170 min
Delta R.T.: -0.003 min
Response: 232960
Conc: 8.73 ng/ml



#25 AR-1248-5

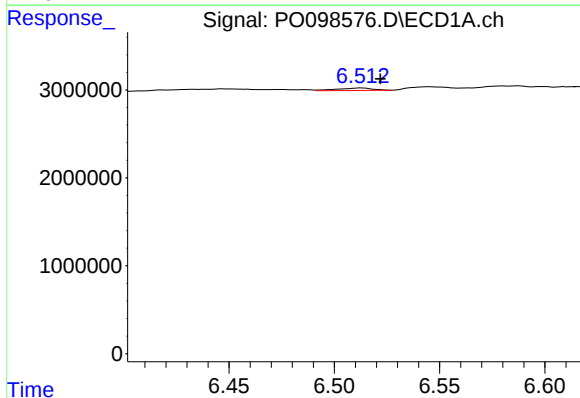
R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 543373
Conc: 9.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



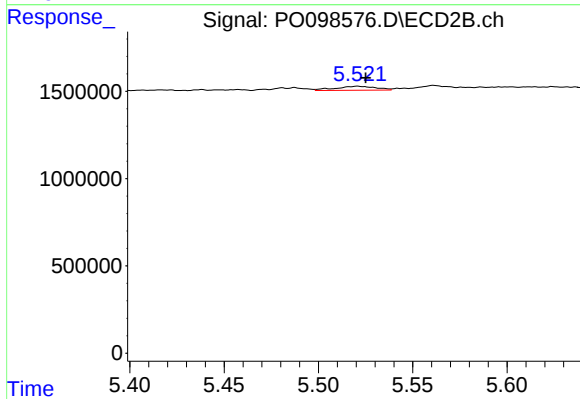
#25 AR-1248-5

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 378499
Conc: 16.04 ng/ml



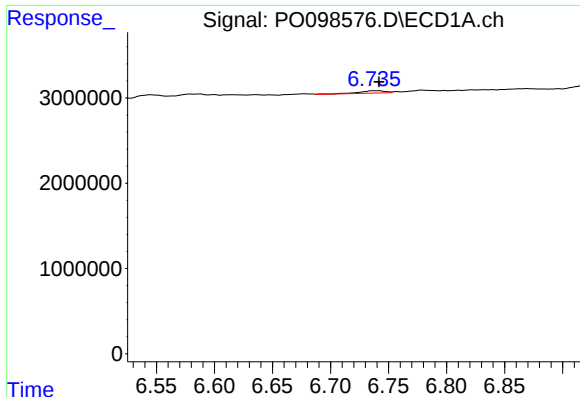
#26 AR-1254-1

R.T.: 6.513 min
Delta R.T.: -0.009 min
Response: 320430
Conc: 5.07 ng/ml



#26 AR-1254-1

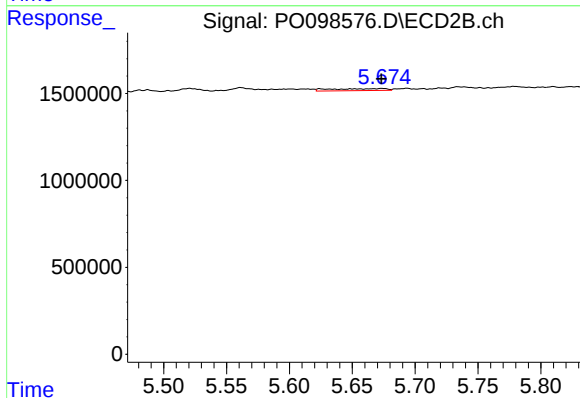
R.T.: 5.521 min
Delta R.T.: -0.004 min
Response: 340492
Conc: 8.88 ng/ml



#27 AR-1254-2

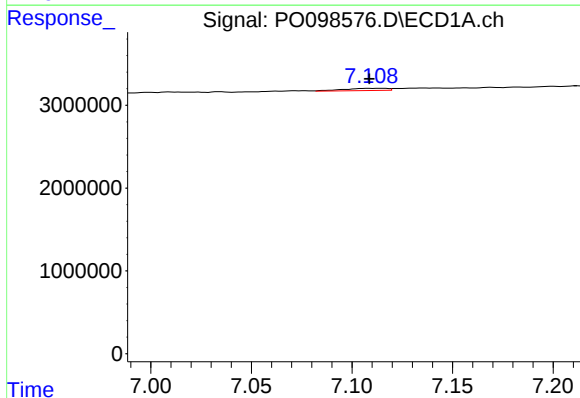
R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 443307
Conc: 4.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



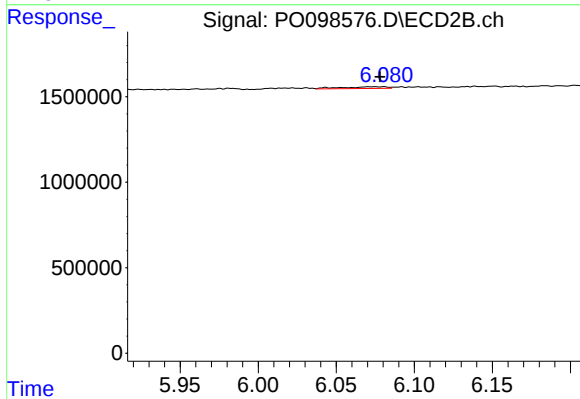
#27 AR-1254-2

R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 340577
Conc: 9.89 ng/ml



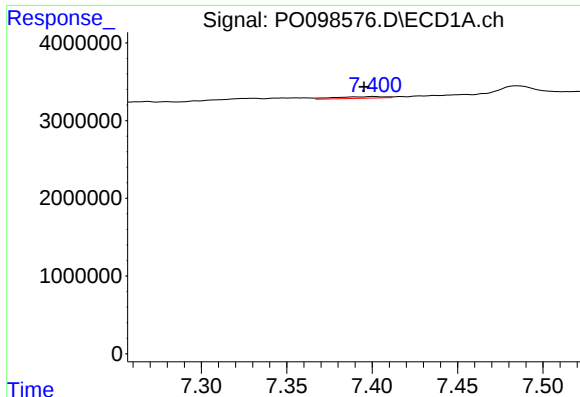
#28 AR-1254-3

R.T.: 7.115 min
Delta R.T.: 0.006 min
Response: 410067
Conc: 4.36 ng/ml



#28 AR-1254-3

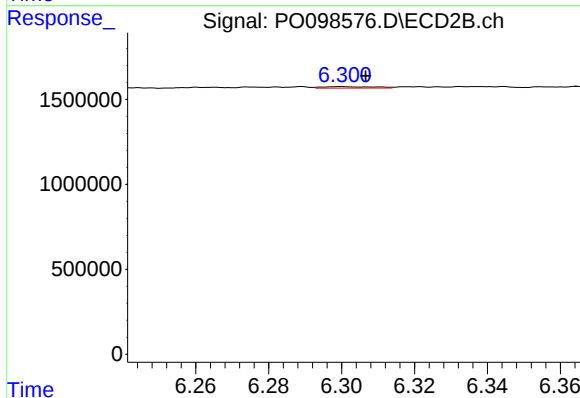
R.T.: 6.080 min
Delta R.T.: 0.002 min
Response: 203724
Conc: 3.92 ng/ml



#29 AR-1254-4

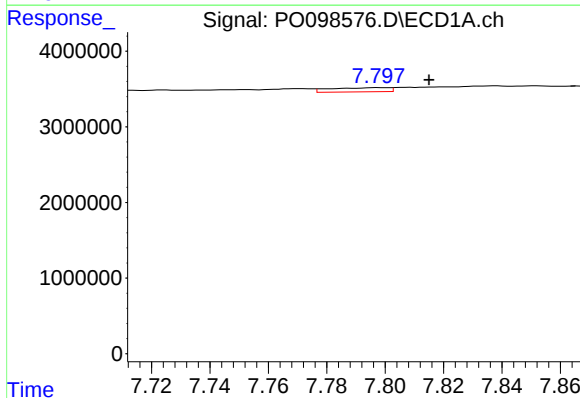
R.T.: 7.401 min
Delta R.T.: 0.005 min
Response: 437495
Conc: 7.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



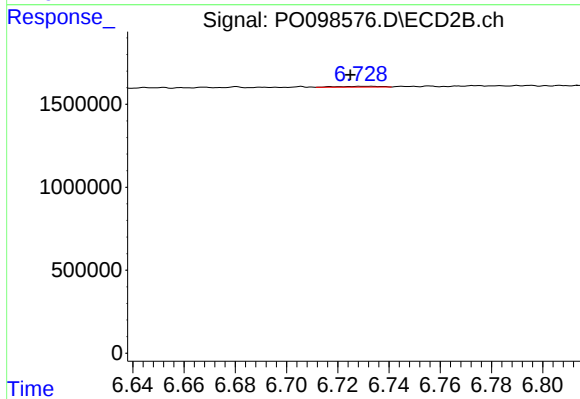
#29 AR-1254-4

R.T.: 6.300 min
Delta R.T.: -0.007 min
Response: 86412
Conc: 3.15 ng/ml



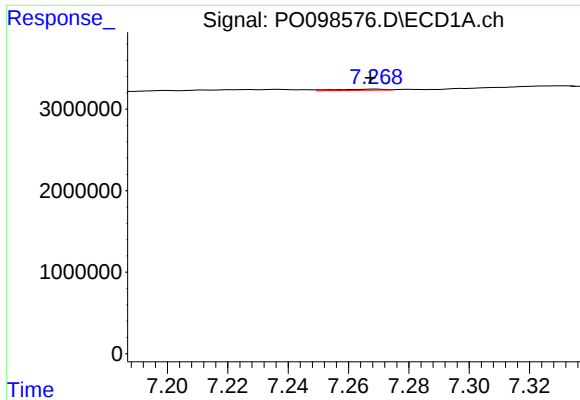
#30 AR-1254-5

R.T.: 7.798 min
Delta R.T.: -0.017 min
Response: 783767
Conc: 11.22 ng/ml



#30 AR-1254-5

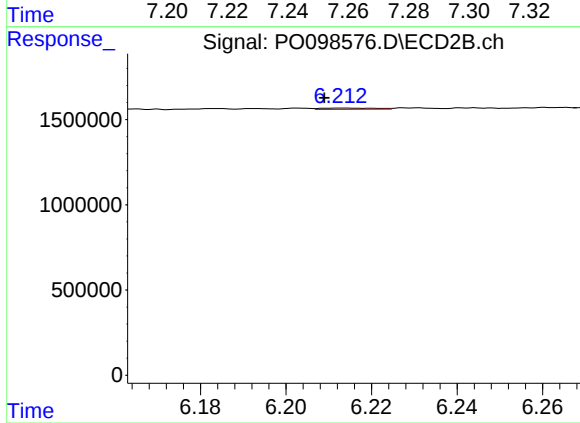
R.T.: 6.730 min
Delta R.T.: 0.005 min
Response: 59045
Conc: 1.36 ng/ml



#31 AR-1260-1

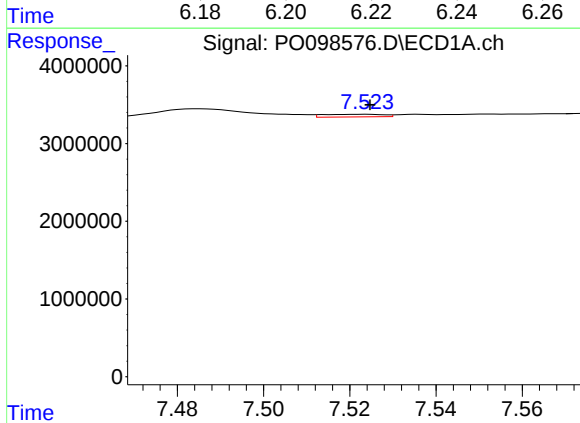
R.T.: 7.269 min
Delta R.T.: 0.002 min
Response: 144543
Conc: 1.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



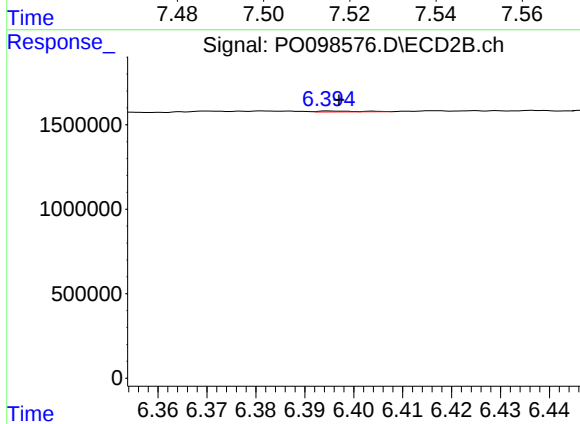
#31 AR-1260-1

R.T.: 6.213 min
Delta R.T.: 0.004 min
Response: 71290
Conc: 1.94 ng/ml



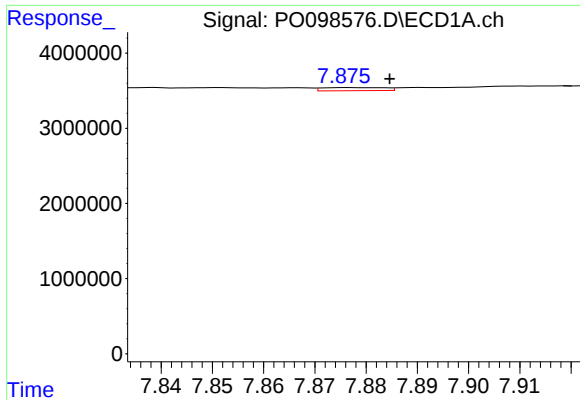
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 323928
Conc: 3.93 ng/ml



#32 AR-1260-2

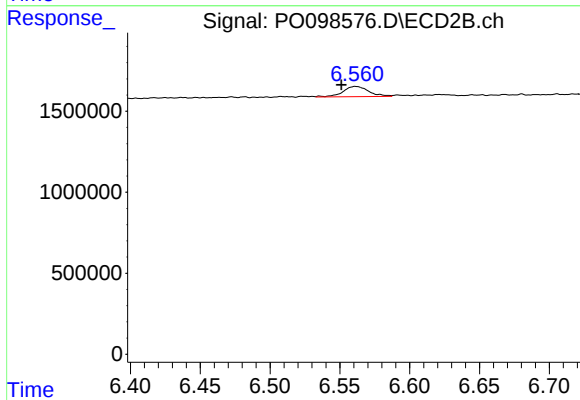
R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 32070
Conc: 0.76 ng/ml



#33 AR-1260-3

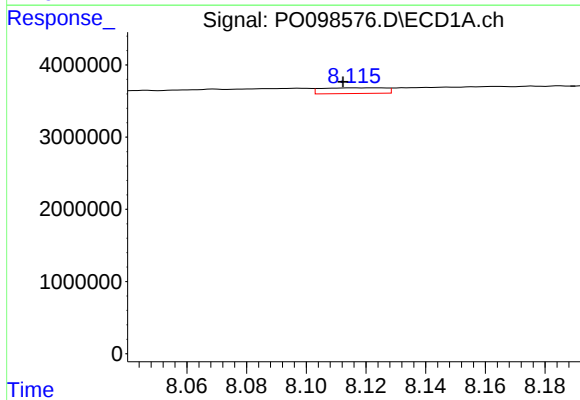
R.T.: 7.876 min
Delta R.T.: -0.008 min
Response: 357558
Conc: 5.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



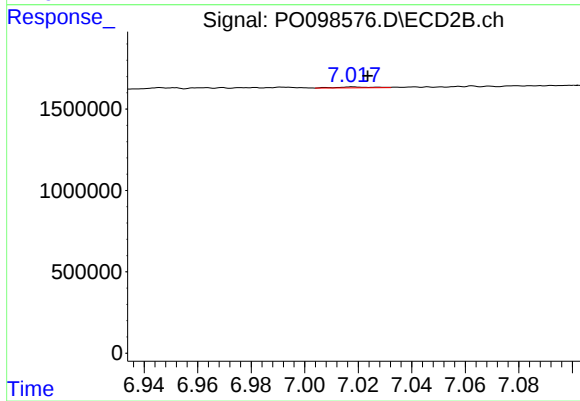
#33 AR-1260-3

R.T.: 6.561 min
Delta R.T.: 0.010 min
Response: 810561
Conc: 20.26 ng/ml



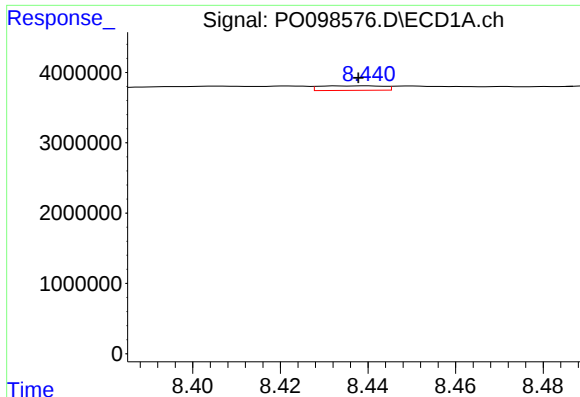
#34 AR-1260-4

R.T.: 8.116 min
Delta R.T.: 0.004 min
Response: 1163503
Conc: 17.26 ng/ml



#34 AR-1260-4

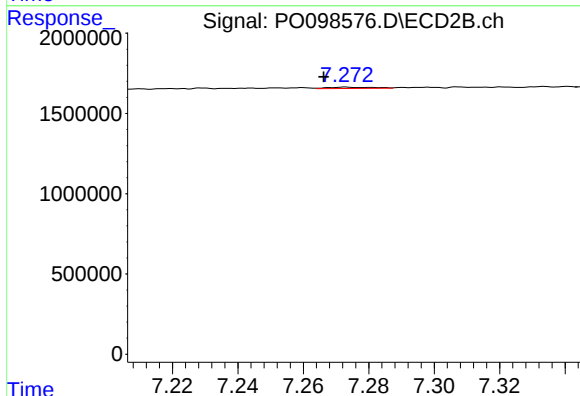
R.T.: 7.018 min
Delta R.T.: -0.005 min
Response: 50654
Conc: 1.57 ng/ml



#35 AR-1260-5

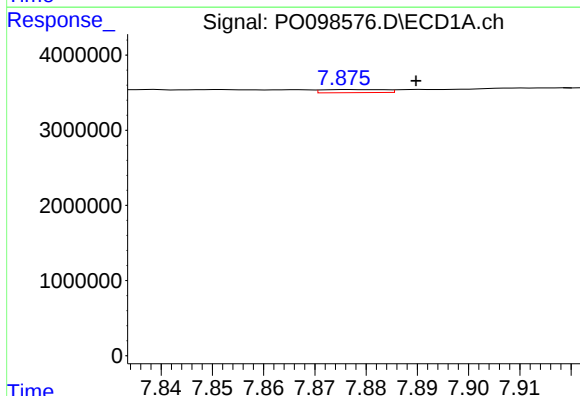
R.T.: 8.440 min
Delta R.T.: 0.002 min
Response: 645616
Conc: 4.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



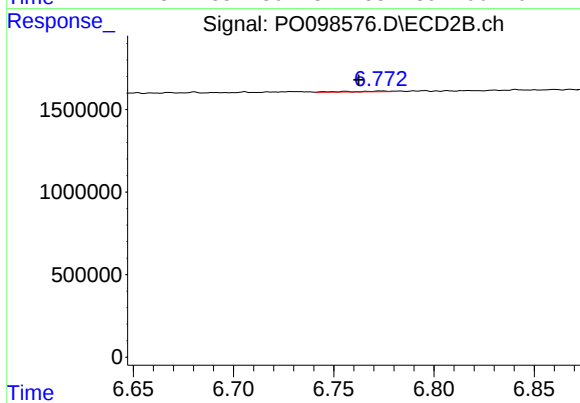
#35 AR-1260-5

R.T.: 7.273 min
Delta R.T.: 0.007 min
Response: 75652
Conc: 1.08 ng/ml



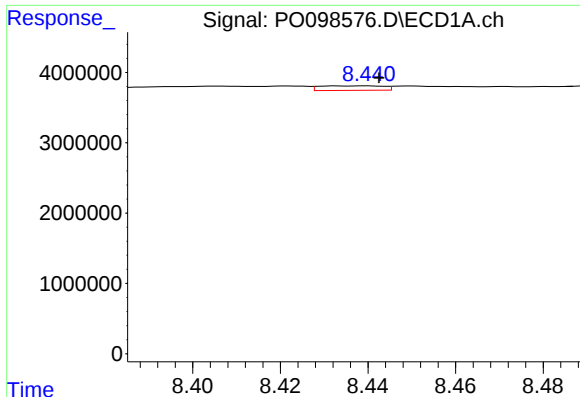
#36 AR-1262-1

R.T.: 7.876 min
Delta R.T.: -0.014 min
Response: 357558
Conc: 4.11 ng/ml



#36 AR-1262-1

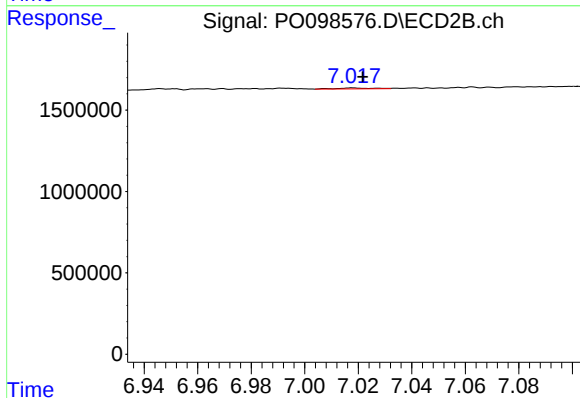
R.T.: 6.774 min
Delta R.T.: 0.011 min
Response: 60328
Conc: 1.33 ng/ml



#37 AR-1262-2

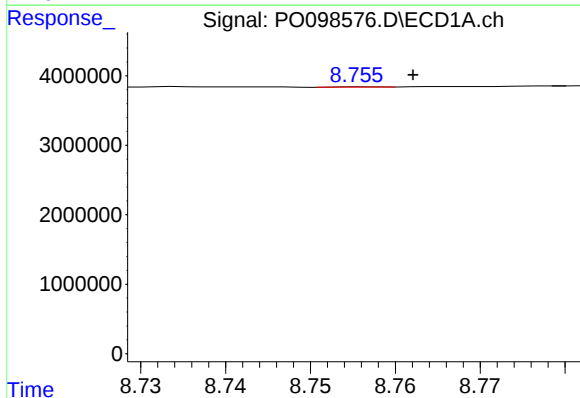
R.T.: 8.440 min
Delta R.T.: -0.003 min
Response: 645616
Conc: 4.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



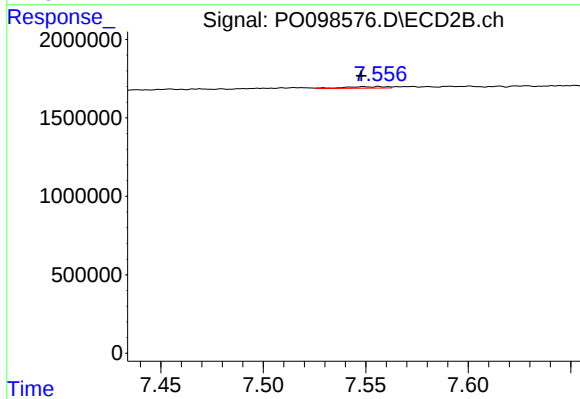
#37 AR-1262-2

R.T.: 7.018 min
Delta R.T.: -0.004 min
Response: 50654
Conc: 1.26 ng/ml



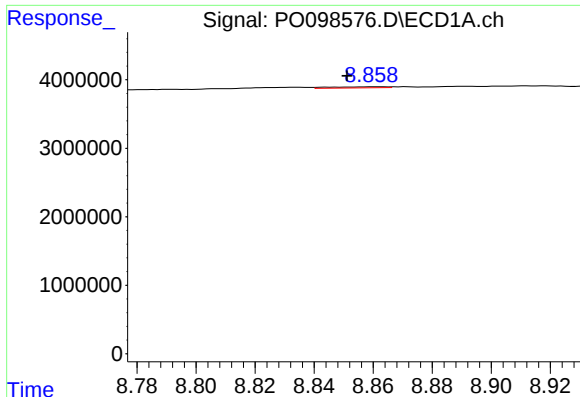
#38 AR-1262-3

R.T.: 8.757 min
Delta R.T.: -0.006 min
Response: 13066
Conc: 0.13 ng/ml



#38 AR-1262-3

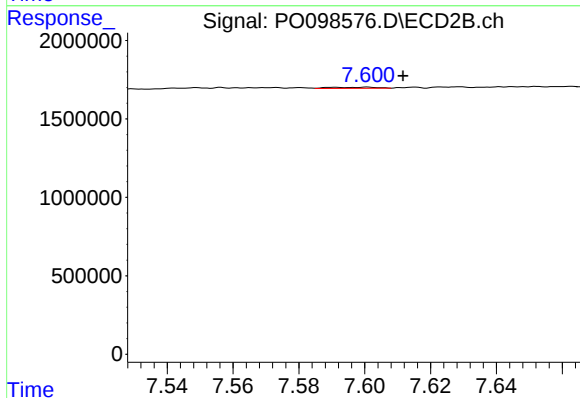
R.T.: 7.549 min
Delta R.T.: 0.001 min
Response: 134548
Conc: 4.33 ng/ml



#39 AR-1262-4

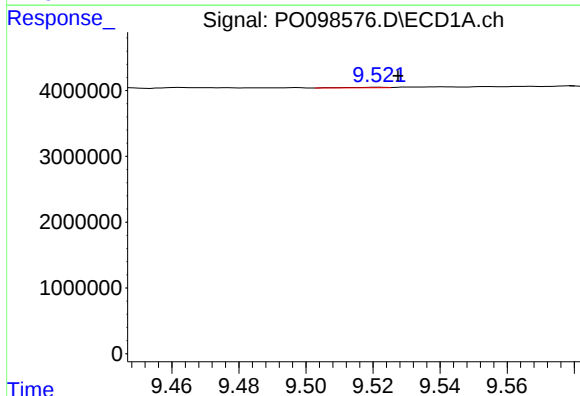
R.T.: 8.860 min
Delta R.T.: 0.009 min
Response: 206906
Conc: 2.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



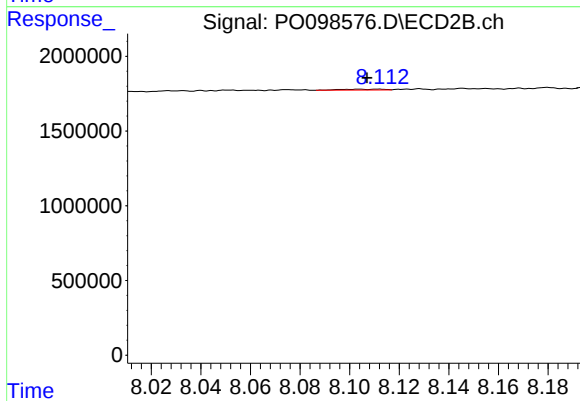
#39 AR-1262-4

R.T.: 7.601 min
Delta R.T.: -0.011 min
Response: 69302
Conc: 1.28 ng/ml



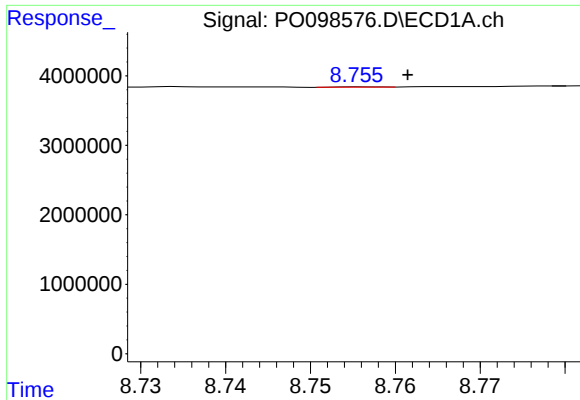
#40 AR-1262-5

R.T.: 9.521 min
Delta R.T.: -0.006 min
Response: 53327
Conc: 1.10 ng/ml



#40 AR-1262-5

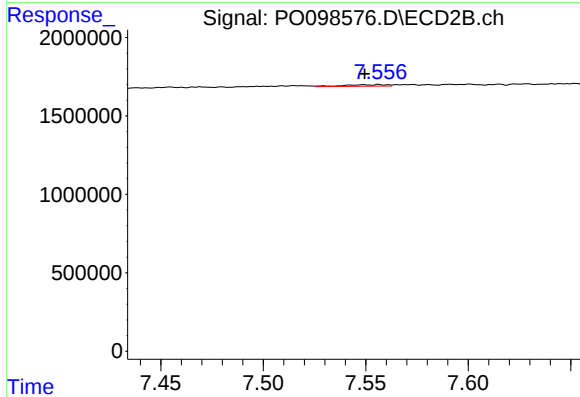
R.T.: 8.104 min
Delta R.T.: -0.003 min
Response: 71030
Conc: 2.88 ng/ml



#41 AR-1268-1

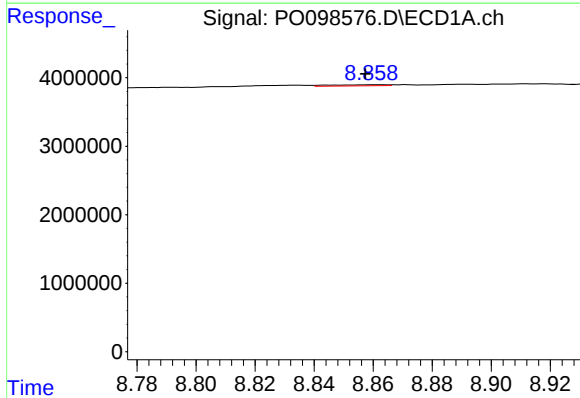
R.T.: 8.757 min
Delta R.T.: -0.005 min
Response: 13066
Conc: 0.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



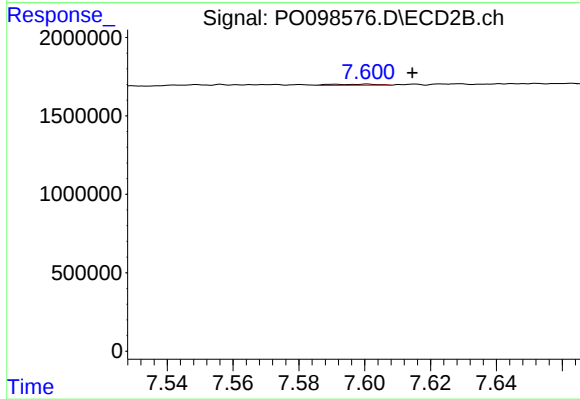
#41 AR-1268-1

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 134548
Conc: 1.47 ng/ml



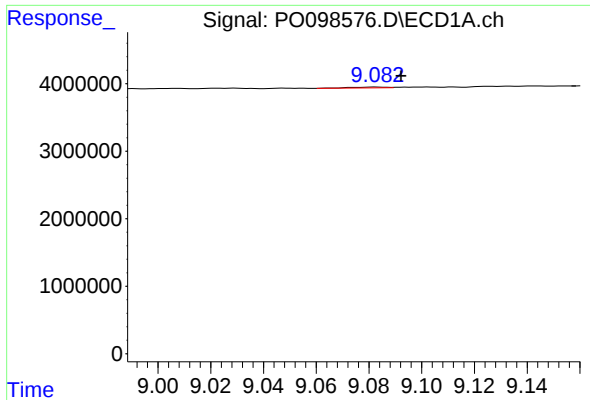
#42 AR-1268-2

R.T.: 8.860 min
Delta R.T.: 0.002 min
Response: 206906
Conc: 1.33 ng/ml



#42 AR-1268-2

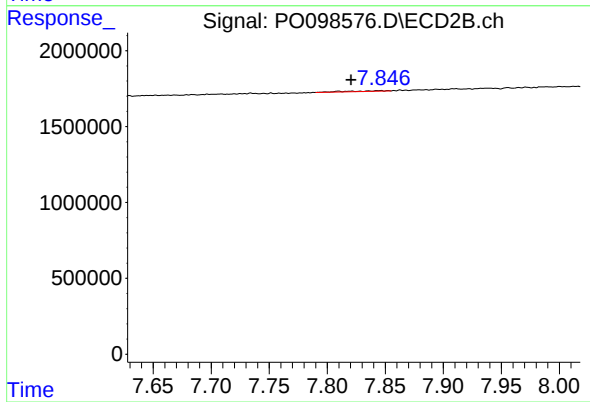
R.T.: 7.601 min
Delta R.T.: -0.014 min
Response: 69302
Conc: 0.89 ng/ml



#43 AR-1268-3

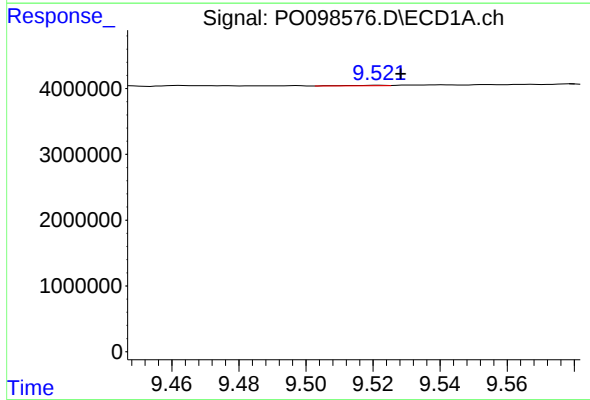
R.T.: 9.083 min
Delta R.T.: -0.009 min
Response: 130993
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



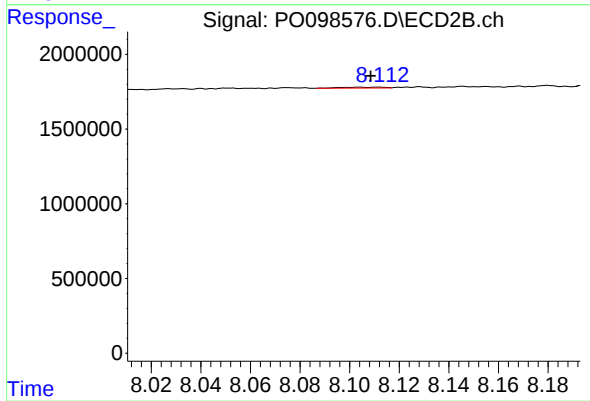
#43 AR-1268-3

R.T.: 7.845 min
Delta R.T.: 0.025 min
Response: 83297
Conc: 1.26 ng/ml



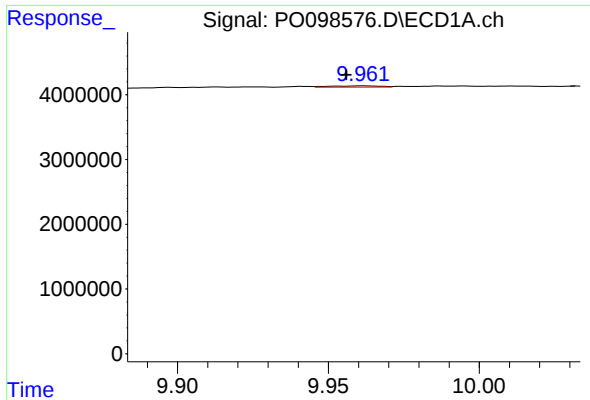
#44 AR-1268-4

R.T.: 9.521 min
Delta R.T.: -0.007 min
Response: 53327
Conc: 1.00 ng/ml



#44 AR-1268-4

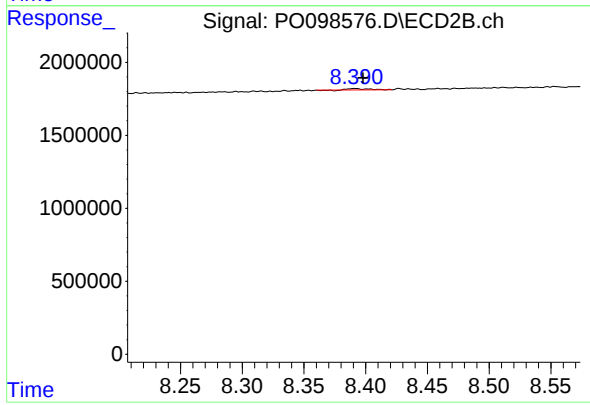
R.T.: 8.104 min
Delta R.T.: -0.005 min
Response: 71030
Conc: 2.62 ng/ml



#45 AR-1268-5

R.T.: 9.962 min
Delta R.T.: 0.006 min
Response: 223669
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: -0.007 min
Response: 89236
Conc: 0.45 ng/ml