

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021224\
 Data File : P0101720.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Feb 2024 22:04
 Operator : YP/AJ
 Sample : P1453-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 23:48:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021024.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 12 05:22:08 2024
 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...	4.288	3.398	80587800	56476014	26.135	21.246
2) SA Decachlor...	9.847	8.282	43553270	32915426	20.770	17.325
Target Compounds						
3) L1 AR-1016-1	5.432	4.439	1157932	63051	11.742	0.864 #
4) L1 AR-1016-2	5.458	4.474	1122186	432102	7.719	4.096 #
5) L1 AR-1016-3	5.508	4.641	762584	505872	8.013	8.818
6) L1 AR-1016-4	5.619	4.707	182817	183898	2.396	3.653 #
7) L1 AR-1016-5	5.881	4.904	93484	32678	1.178	0.517 #
8) L2 AR-1221-1	4.492	3.622	1141085	67632	36.224	2.480 #
9) L2 AR-1221-2	4.588	3.688	1056181	1716474	44.534	87.710 #
10) L2 AR-1221-3	4.664	3.770	203226	630583	2.847	10.358 #
11) L3 AR-1232-1	4.664	3.770	203226	630583	3.185	11.671 #
12) L3 AR-1232-2	5.186	4.474	1494048	432102	38.914	8.767 #
13) L3 AR-1232-3	5.458	4.641	1122186	505872	16.226	19.705
14) L3 AR-1232-4	5.619	4.735	182817	148732	5.027	5.852
15) L3 AR-1232-5	5.707	4.904	311930	32678	9.934	1.239 #
16) L4 AR-1242-1	5.432	4.439	1157932	63051	15.741	1.125 #
17) L4 AR-1242-2	5.458	4.474	1122186	432102	10.299	5.471 #
18) L4 AR-1242-3	5.508	4.641	762584	505872	10.810	11.877
19) L4 AR-1242-4	5.619	4.735	182817	148732	3.224	3.211
20) L4 AR-1242-5	6.339	5.229	139064	469447	2.518	9.491 #
21) L5 AR-1248-1	5.432	4.439	1157932	63051	21.044	1.463 #
22) L5 AR-1248-2	5.707	4.707	311930	183898	3.333	2.776
23) L5 AR-1248-3	5.881	4.735	93484	148732	0.959	2.162 #
24) L5 AR-1248-4	6.315	4.904	189663	32678	2.071	0.416 #
25) L5 AR-1248-5	6.339	5.329f	139064	1047193	1.548	16.041 #
26) L6 AR-1254-1	6.275	5.229	406140	469447	3.656	4.039
27) L6 AR-1254-2	6.516	5.391	445930	50857	2.713	0.481 #
28) L6 AR-1254-3	6.863	5.796	356839	407828	2.217	2.522
29) L6 AR-1254-4	7.150	6.001	163330	876604	1.648	10.426 #
30) L6 AR-1254-5	7.563	6.419	2836832	368397	23.684	2.749 #
31) L7 AR-1260-1	7.021	5.927	332792	740621	2.535	5.999 #
32) L7 AR-1260-2	7.315f	6.094	78215	342457	0.549	2.372 #
33) L7 AR-1260-3	7.563f	6.235	2836832	229599	26.941	1.757 #
34) L7 AR-1260-4	7.838	6.715	511104	285587	4.576	2.589 #
35) L7 AR-1260-5	8.120f	6.957	3920268	183723	17.868	0.777 #
36) L8 AR-1262-1	7.563	6.419	2836832	368397	23.503	4.394 #
37) L8 AR-1262-2	8.120	6.715	3920268	285587	12.724	1.878 #
38) L8 AR-1262-3	8.453	7.243	206811	716770	0.980	6.058 #
39) L8 AR-1262-4	8.544	7.281	1080475	161012	6.285	0.749 #
40) L8 AR-1262-5	9.149	7.790	52909	28376	0.513	0.314 #
41) L9 AR-1268-1	8.453	7.243	206811	716770	0.600	2.308 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021224\
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 Acq On : 12 Feb 2024 22:04
 Operator : YP/AJ
 Sample : P1453-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

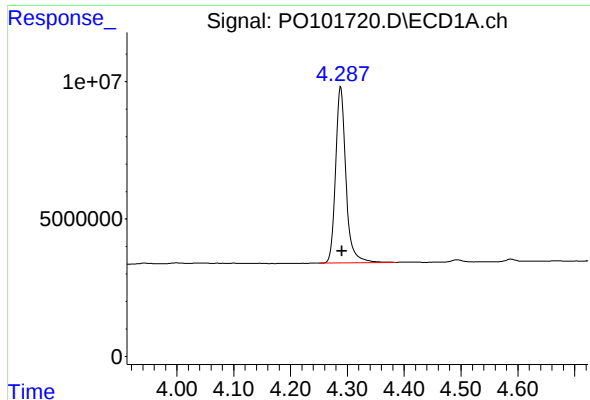
Instrument :
 ECD_O
 ClientSampleId :
 TP-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 23:48:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021024.M
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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	8.544	7.281	1080475	161012	3.249	0.569 #
43) L9	AR-1268-3	8.747	7.484	643877	44842	2.355	0.189 #
44) L9	AR-1268-4	9.149	8.070	52909	2416603	0.528	3.356 #
45) L9	AR-1268-5	9.527	8.282	83262	32915426	0.095	96.230 #

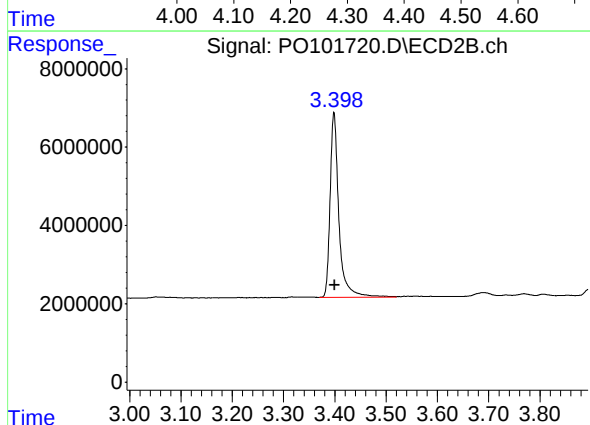
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

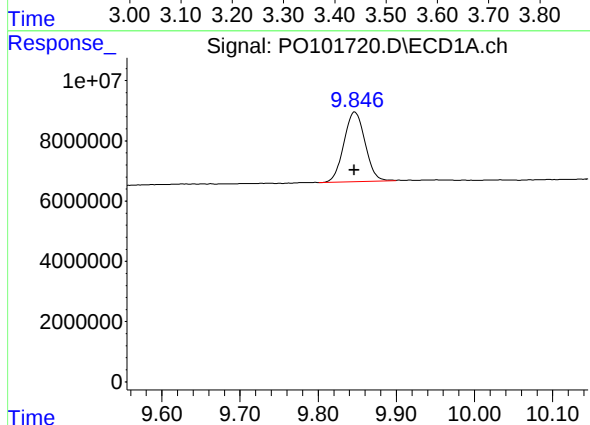
R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 80587800
Conc: 26.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



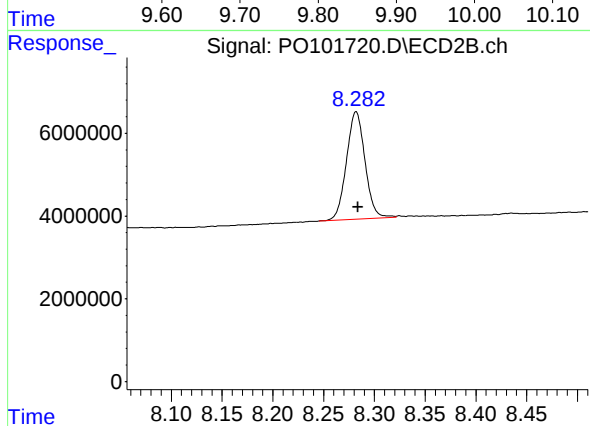
#1 Tetrachloro-m-xylene

R.T.: 3.398 min
Delta R.T.: -0.001 min
Response: 56476014
Conc: 21.25 ng/ml



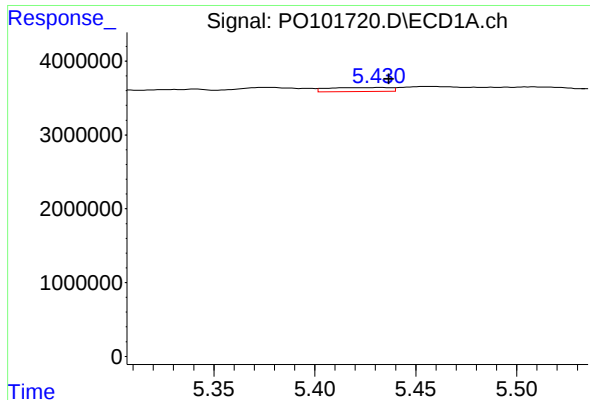
#2 Decachlorobiphenyl

R.T.: 9.847 min
Delta R.T.: 0.000 min
Response: 43553270
Conc: 20.77 ng/ml



#2 Decachlorobiphenyl

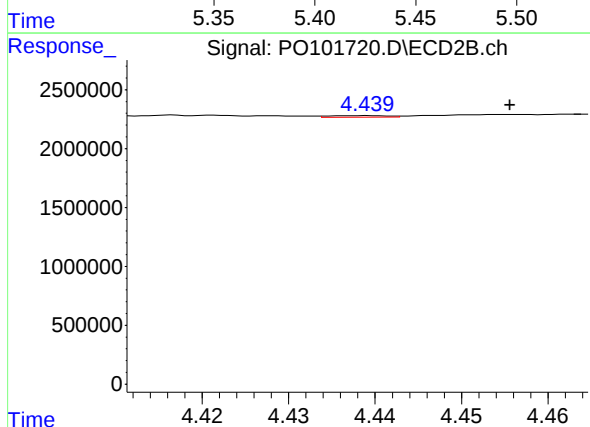
R.T.: 8.282 min
Delta R.T.: -0.002 min
Response: 32915426
Conc: 17.33 ng/ml



#3 AR-1016-1

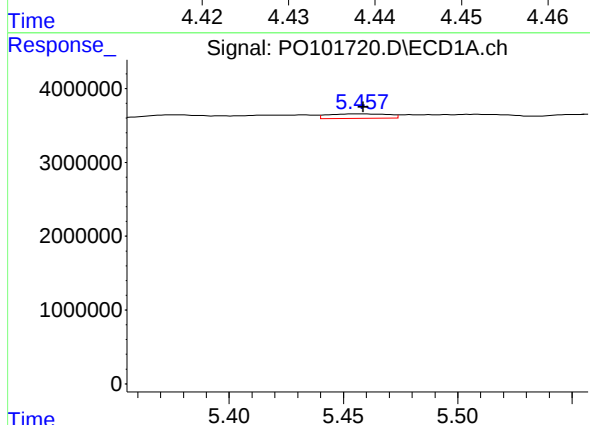
R.T.: 5.432 min
Delta R.T.: -0.005 min
Response: 1157932
Conc: 11.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



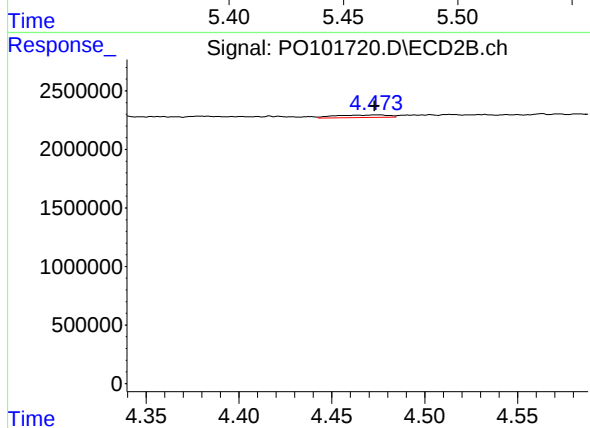
#3 AR-1016-1

R.T.: 4.439 min
Delta R.T.: -0.017 min
Response: 63051
Conc: 0.86 ng/ml



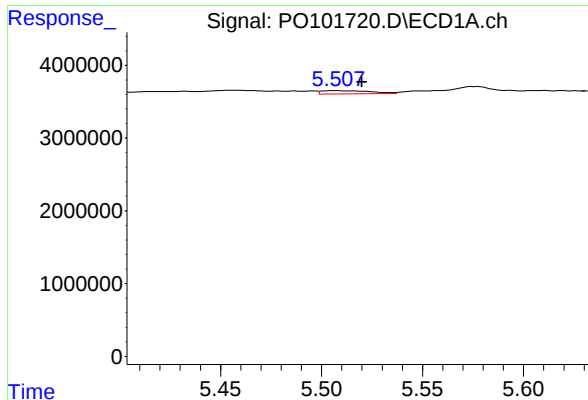
#4 AR-1016-2

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 1122186
Conc: 7.72 ng/ml



#4 AR-1016-2

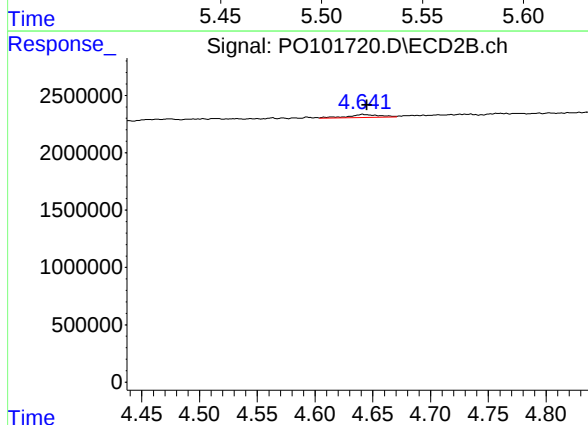
R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 432102
Conc: 4.10 ng/ml



#5 AR-1016-3

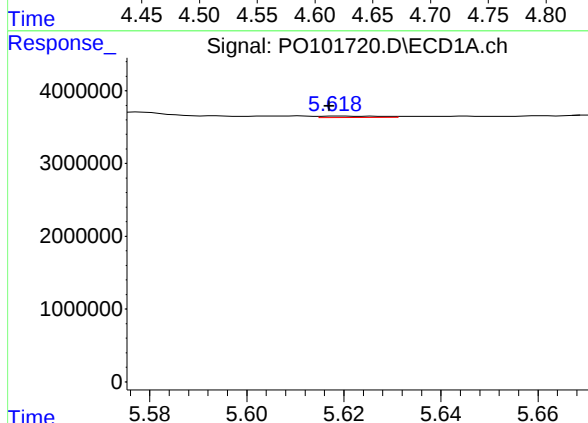
R.T.: 5.508 min
Delta R.T.: -0.012 min
Response: 762584
Conc: 8.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



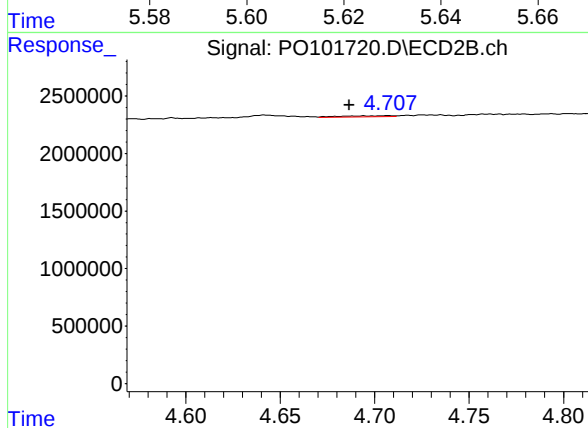
#5 AR-1016-3

R.T.: 4.641 min
Delta R.T.: -0.003 min
Response: 505872
Conc: 8.82 ng/ml



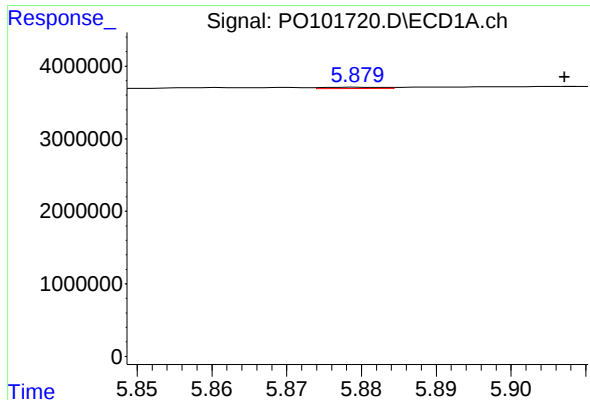
#6 AR-1016-4

R.T.: 5.619 min
Delta R.T.: 0.002 min
Response: 182817
Conc: 2.40 ng/ml



#6 AR-1016-4

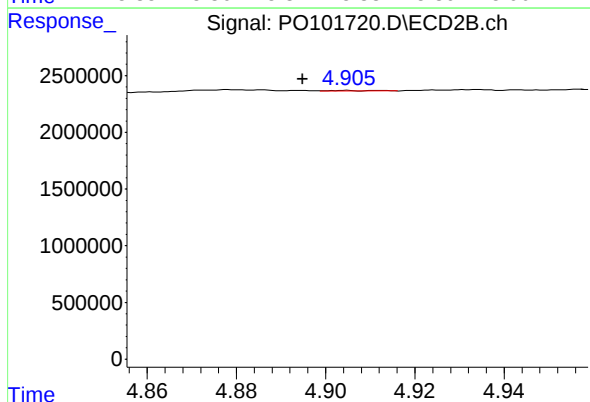
R.T.: 4.707 min
Delta R.T.: 0.020 min
Response: 183898
Conc: 3.65 ng/ml



#7 AR-1016-5

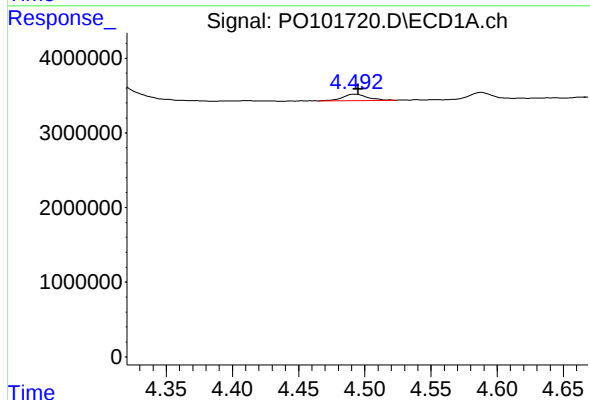
R.T.: 5.881 min
Delta R.T.: -0.026 min
Response: 93484
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



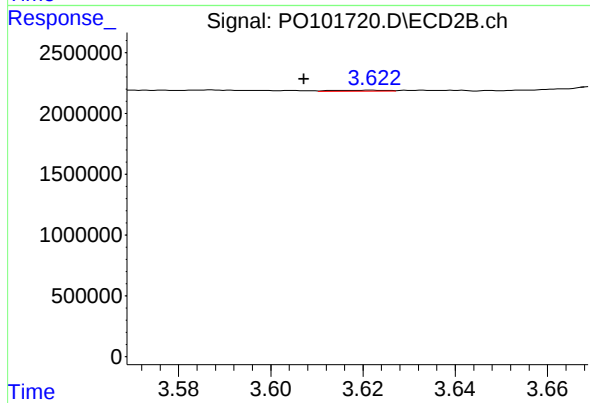
#7 AR-1016-5

R.T.: 4.904 min
Delta R.T.: 0.009 min
Response: 32678
Conc: 0.52 ng/ml



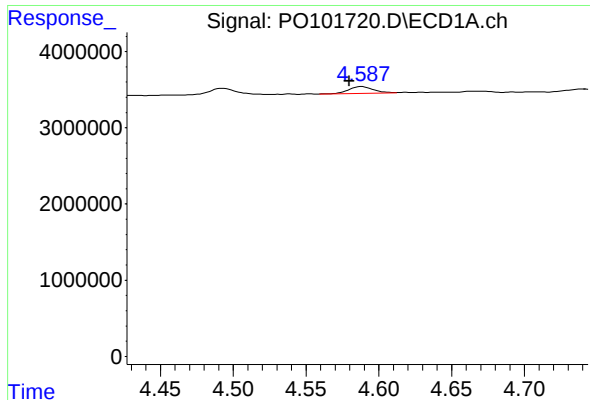
#8 AR-1221-1

R.T.: 4.492 min
Delta R.T.: -0.003 min
Response: 1141085
Conc: 36.22 ng/ml



#8 AR-1221-1

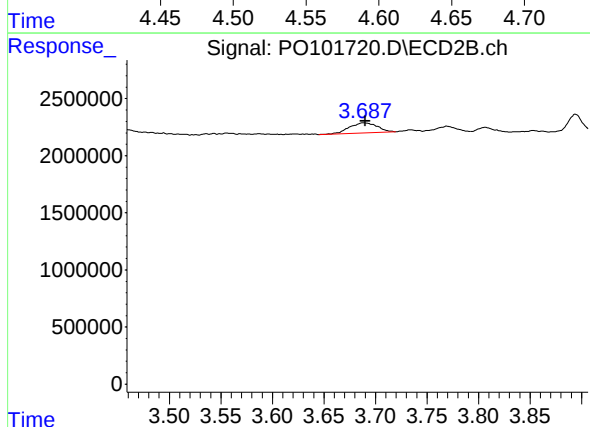
R.T.: 3.622 min
Delta R.T.: 0.015 min
Response: 67632
Conc: 2.48 ng/ml



#9 AR-1221-2

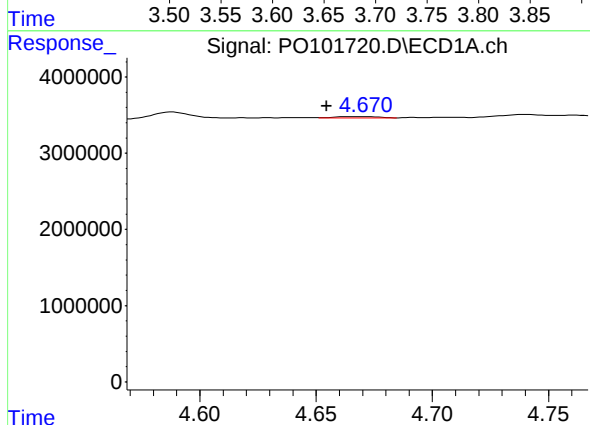
R.T.: 4.588 min
Delta R.T.: 0.009 min
Response: 1056181
Conc: 44.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



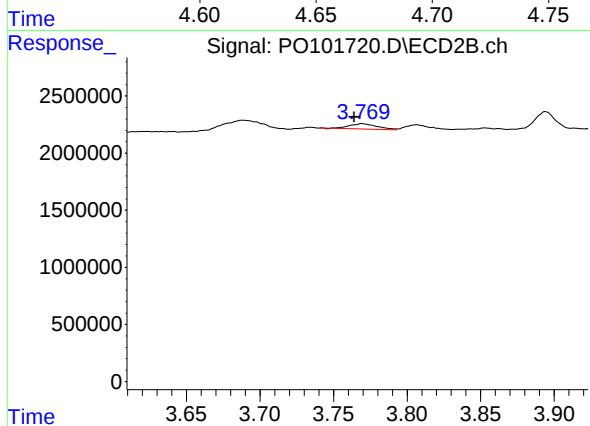
#9 AR-1221-2

R.T.: 3.688 min
Delta R.T.: -0.002 min
Response: 1716474
Conc: 87.71 ng/ml



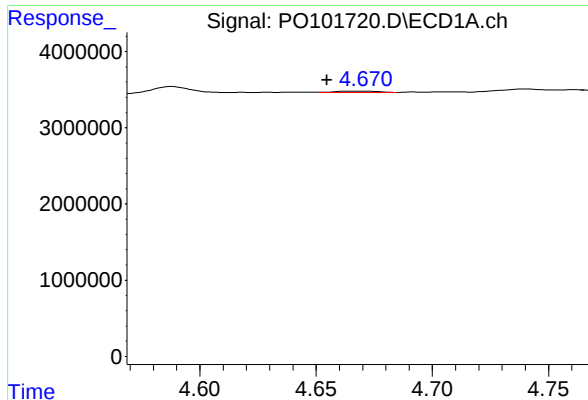
#10 AR-1221-3

R.T.: 4.664 min
Delta R.T.: 0.010 min
Response: 203226
Conc: 2.85 ng/ml



#10 AR-1221-3

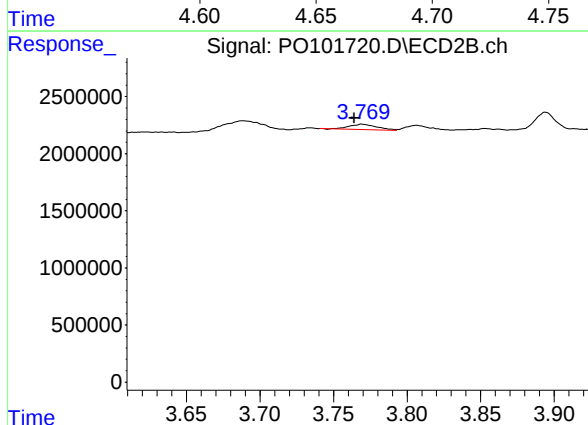
R.T.: 3.770 min
Delta R.T.: 0.005 min
Response: 630583
Conc: 10.36 ng/ml



#11 AR-1232-1

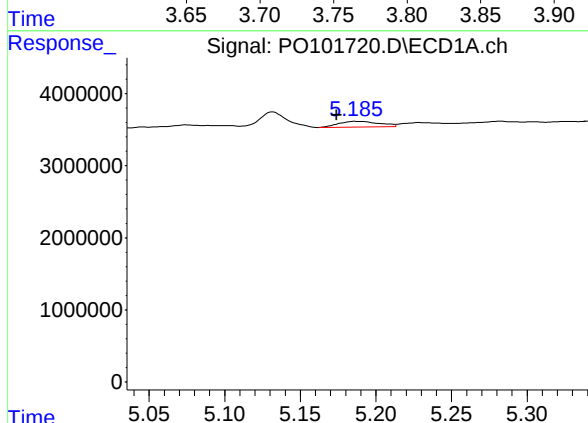
R.T.: 4.664 min
Delta R.T.: 0.010 min
Response: 203226
Conc: 3.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



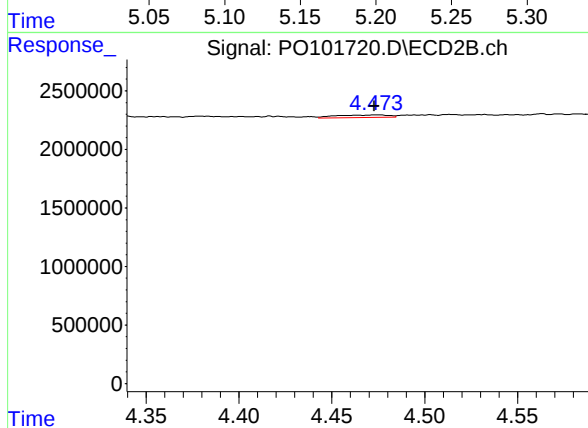
#11 AR-1232-1

R.T.: 3.770 min
Delta R.T.: 0.005 min
Response: 630583
Conc: 11.67 ng/ml



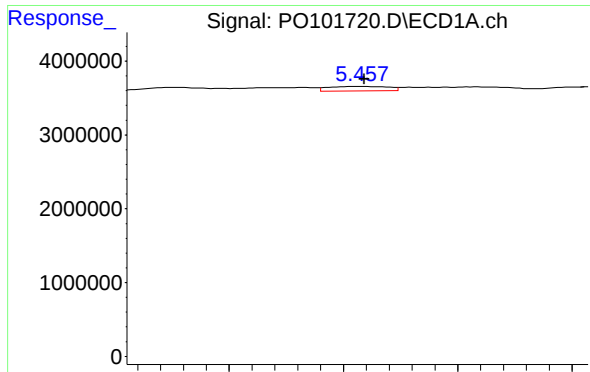
#12 AR-1232-2

R.T.: 5.186 min
Delta R.T.: 0.012 min
Response: 1494048
Conc: 38.91 ng/ml



#12 AR-1232-2

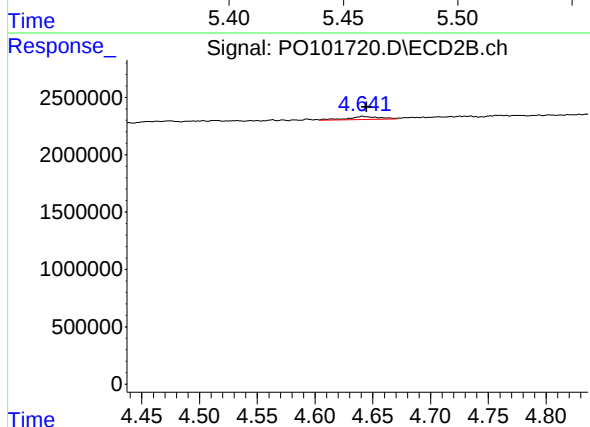
R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 432102
Conc: 8.77 ng/ml



#13 AR-1232-3

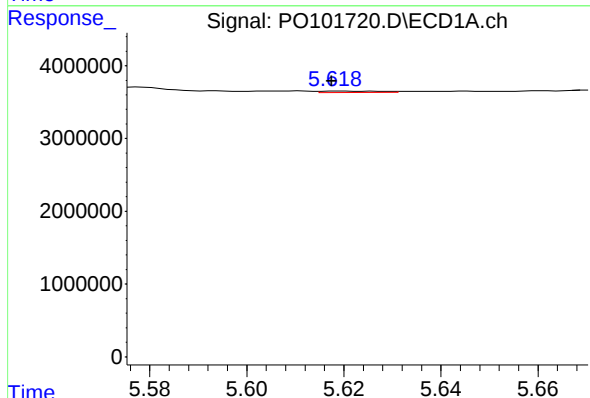
R.T.: 5.458 min
Delta R.T.: -0.001 min
Response: 1122186
Conc: 16.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



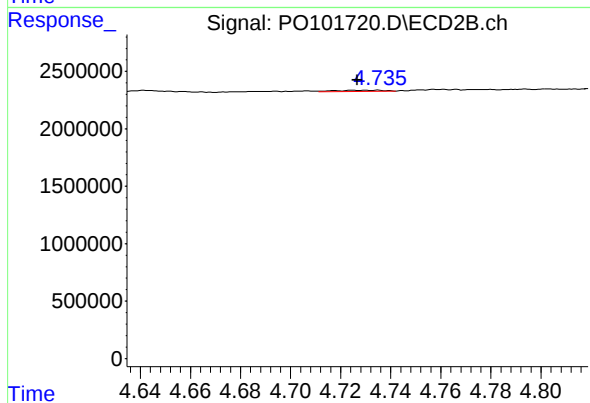
#13 AR-1232-3

R.T.: 4.641 min
Delta R.T.: -0.003 min
Response: 505872
Conc: 19.70 ng/ml



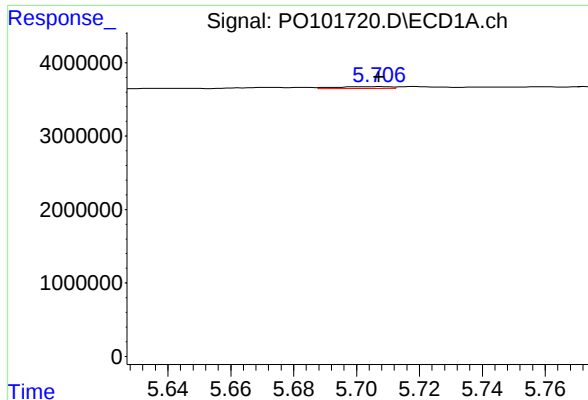
#14 AR-1232-4

R.T.: 5.619 min
Delta R.T.: 0.001 min
Response: 182817
Conc: 5.03 ng/ml



#14 AR-1232-4

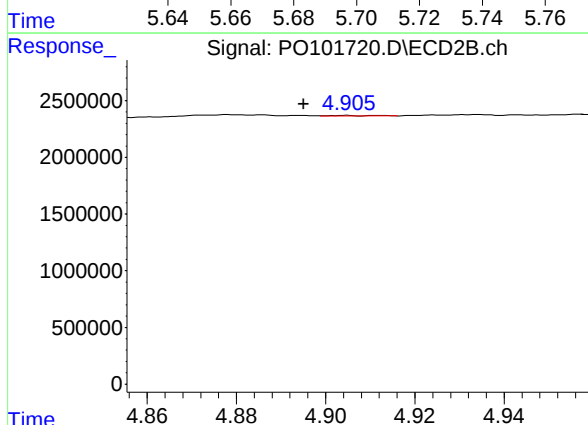
R.T.: 4.735 min
Delta R.T.: 0.008 min
Response: 148732
Conc: 5.85 ng/ml



#15 AR-1232-5

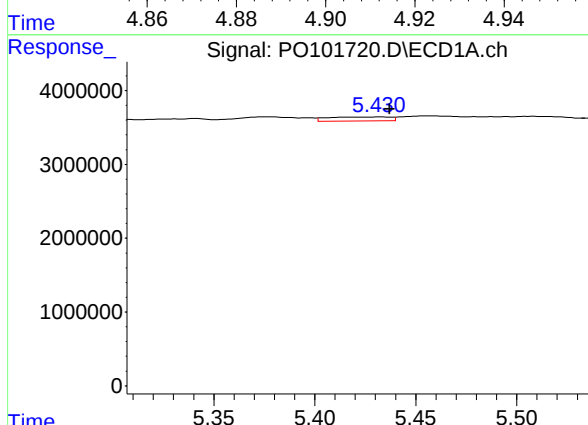
R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 311930
Conc: 9.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



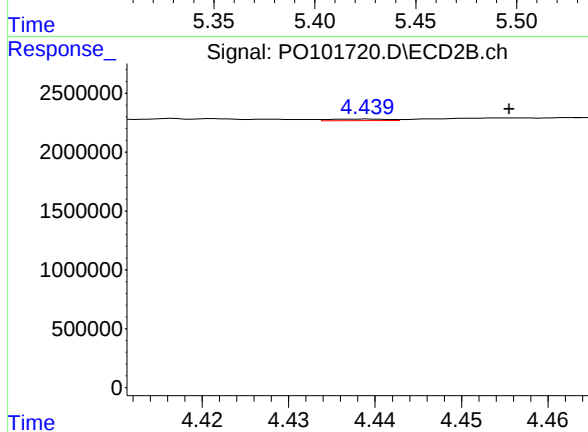
#15 AR-1232-5

R.T.: 4.904 min
Delta R.T.: 0.009 min
Response: 32678
Conc: 1.24 ng/ml



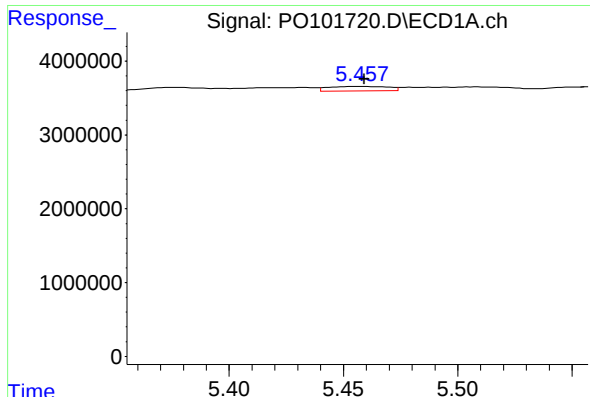
#16 AR-1242-1

R.T.: 5.432 min
Delta R.T.: -0.005 min
Response: 1157932
Conc: 15.74 ng/ml



#16 AR-1242-1

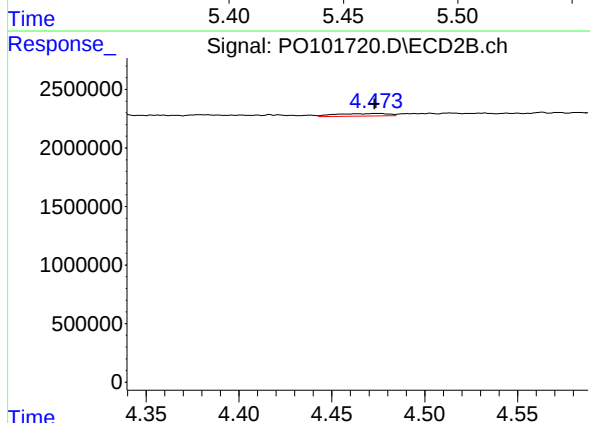
R.T.: 4.439 min
Delta R.T.: -0.017 min
Response: 63051
Conc: 1.12 ng/ml



#17 AR-1242-2

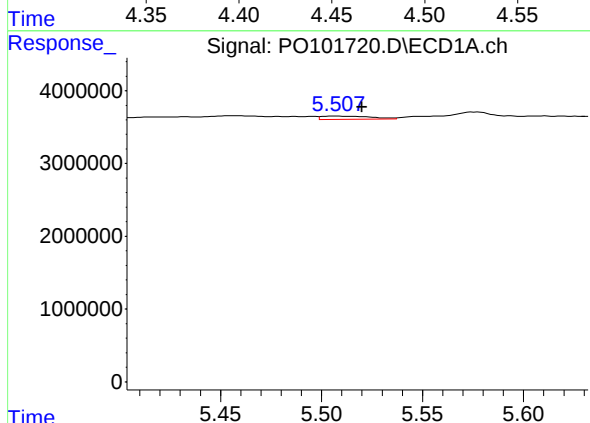
R.T.: 5.458 min
Delta R.T.: -0.001 min
Response: 1122186
Conc: 10.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



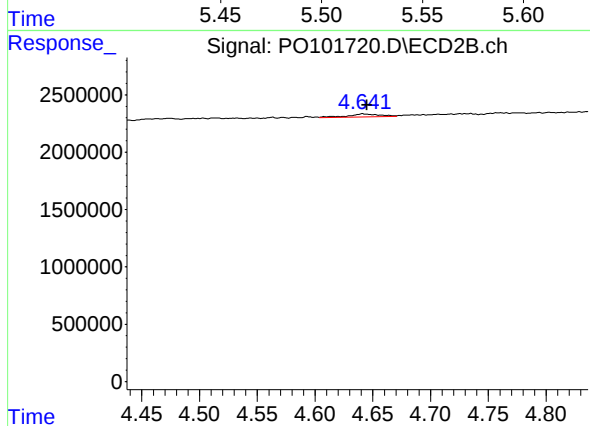
#17 AR-1242-2

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 432102
Conc: 5.47 ng/ml



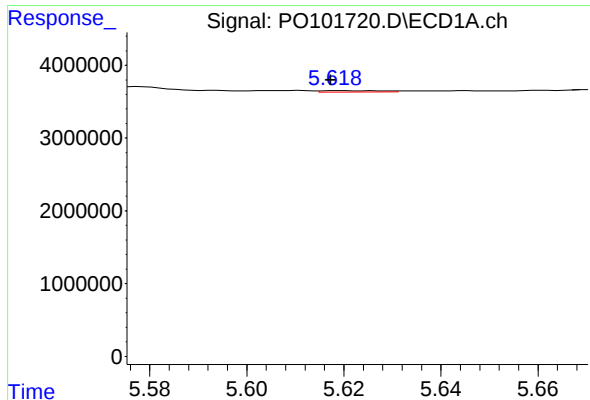
#18 AR-1242-3

R.T.: 5.508 min
Delta R.T.: -0.012 min
Response: 762584
Conc: 10.81 ng/ml



#18 AR-1242-3

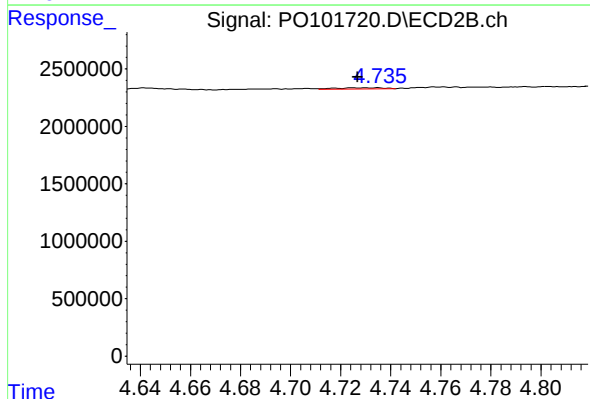
R.T.: 4.641 min
Delta R.T.: -0.003 min
Response: 505872
Conc: 11.88 ng/ml



#19 AR-1242-4

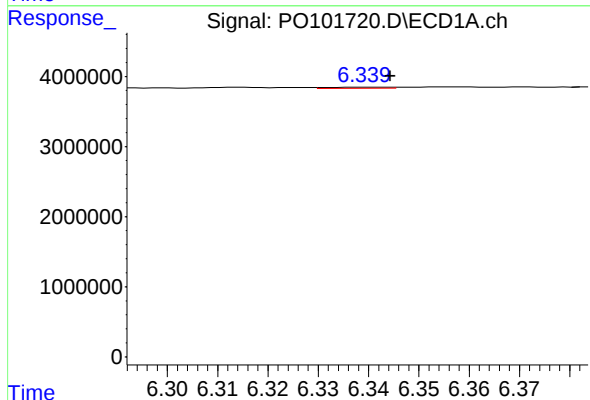
R.T.: 5.619 min
Delta R.T.: 0.001 min
Response: 182817
Conc: 3.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



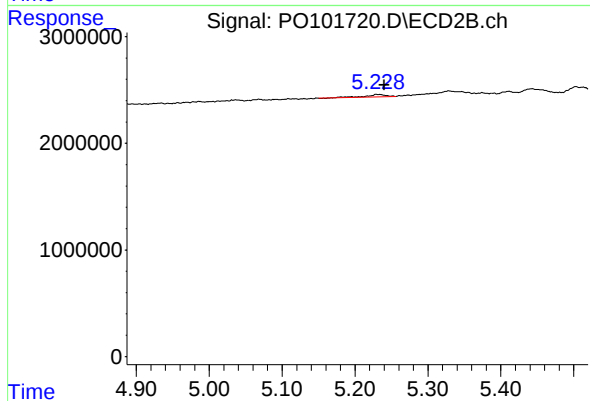
#19 AR-1242-4

R.T.: 4.735 min
Delta R.T.: 0.008 min
Response: 148732
Conc: 3.21 ng/ml



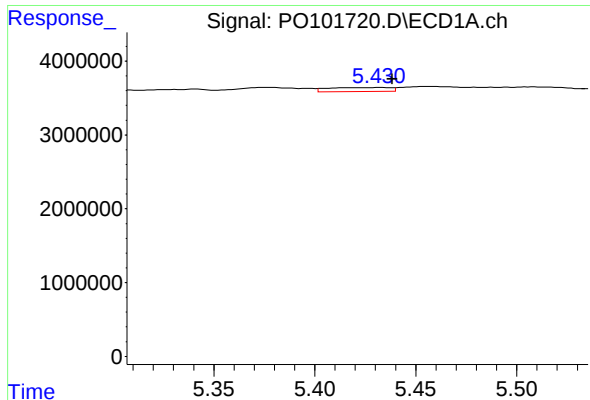
#20 AR-1242-5

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 139064
Conc: 2.52 ng/ml



#20 AR-1242-5

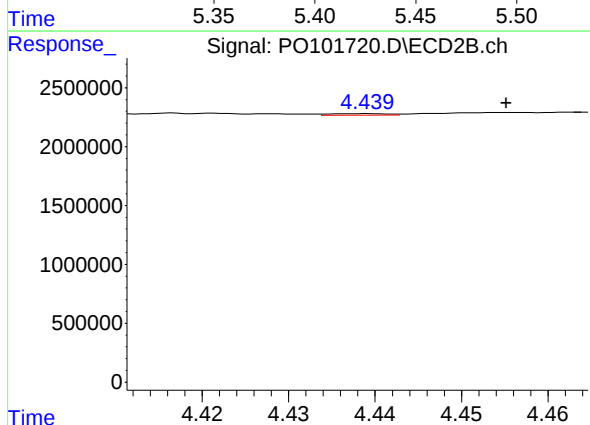
R.T.: 5.229 min
Delta R.T.: -0.011 min
Response: 469447
Conc: 9.49 ng/ml



#21 AR-1248-1

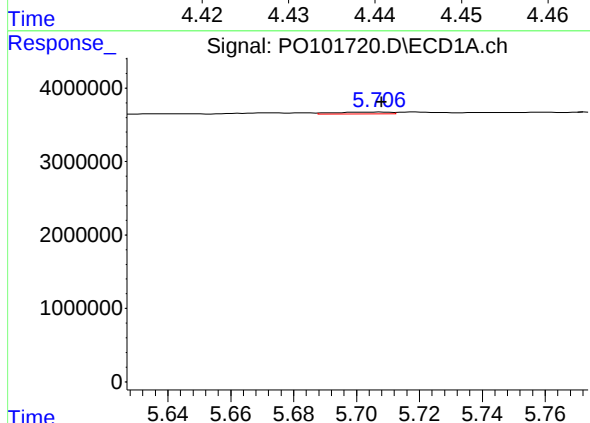
R.T.: 5.432 min
Delta R.T.: -0.007 min
Response: 1157932
Conc: 21.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



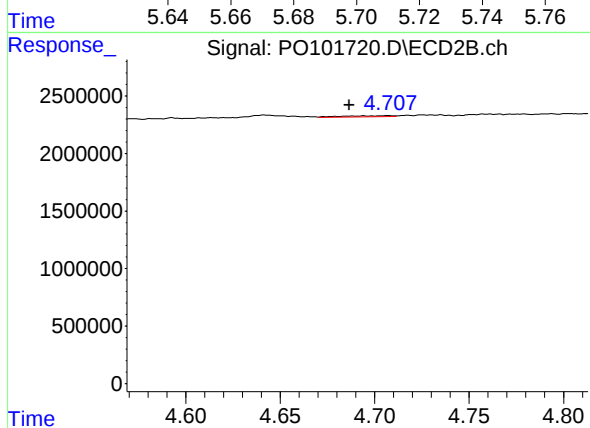
#21 AR-1248-1

R.T.: 4.439 min
Delta R.T.: -0.017 min
Response: 63051
Conc: 1.46 ng/ml



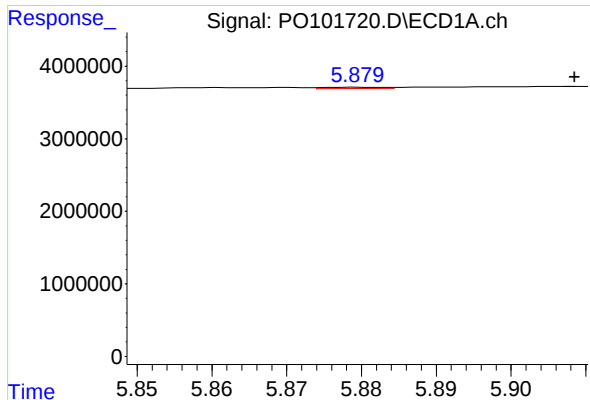
#22 AR-1248-2

R.T.: 5.707 min
Delta R.T.: -0.001 min
Response: 311930
Conc: 3.33 ng/ml



#22 AR-1248-2

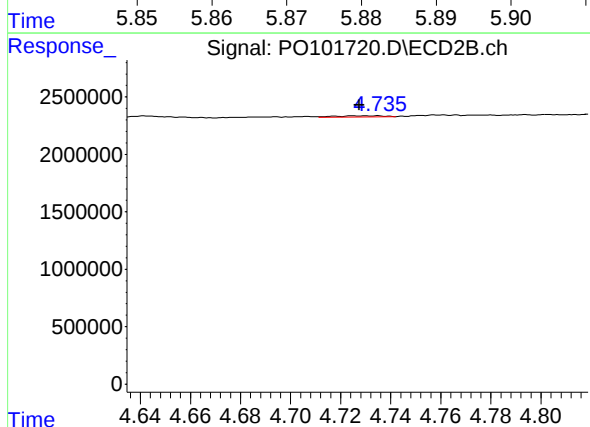
R.T.: 4.707 min
Delta R.T.: 0.020 min
Response: 183898
Conc: 2.78 ng/ml



#23 AR-1248-3

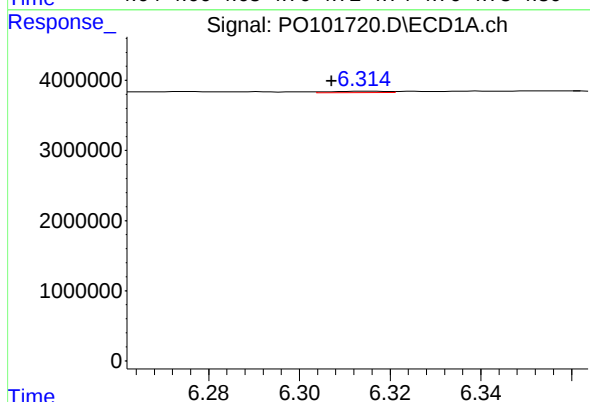
R.T.: 5.881 min
Delta R.T.: -0.028 min
Response: 93484
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



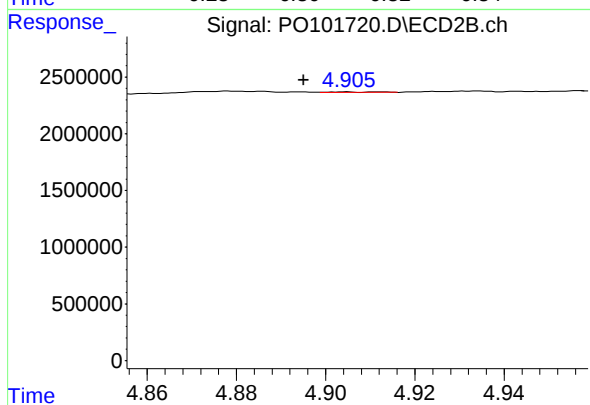
#23 AR-1248-3

R.T.: 4.735 min
Delta R.T.: 0.007 min
Response: 148732
Conc: 2.16 ng/ml



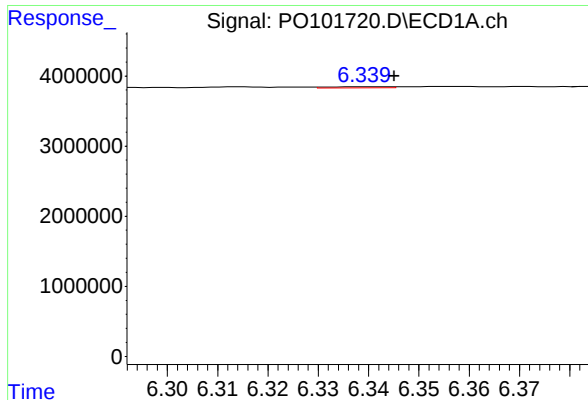
#24 AR-1248-4

R.T.: 6.315 min
Delta R.T.: 0.008 min
Response: 189663
Conc: 2.07 ng/ml



#24 AR-1248-4

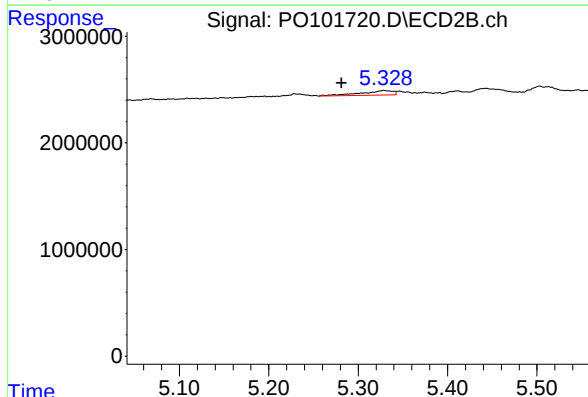
R.T.: 4.904 min
Delta R.T.: 0.009 min
Response: 32678
Conc: 0.42 ng/ml



#25 AR-1248-5

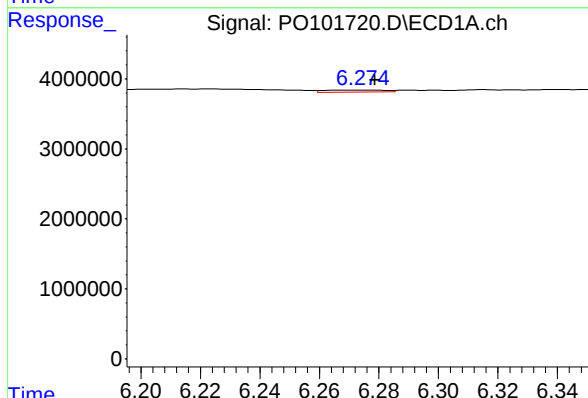
R.T.: 6.339 min
Delta R.T.: -0.006 min
Response: 139064
Conc: 1.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



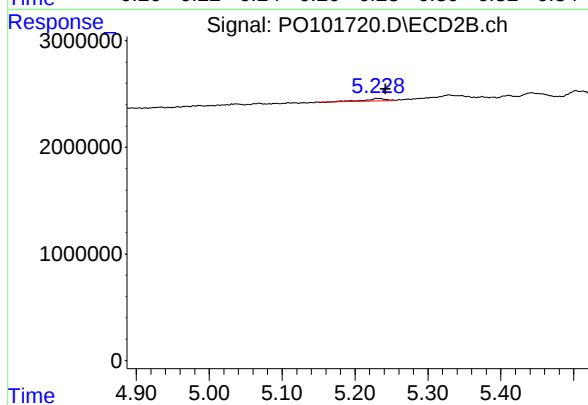
#25 AR-1248-5

R.T.: 5.329 min
Delta R.T.: 0.047 min
Response: 1047193
Conc: 16.04 ng/ml



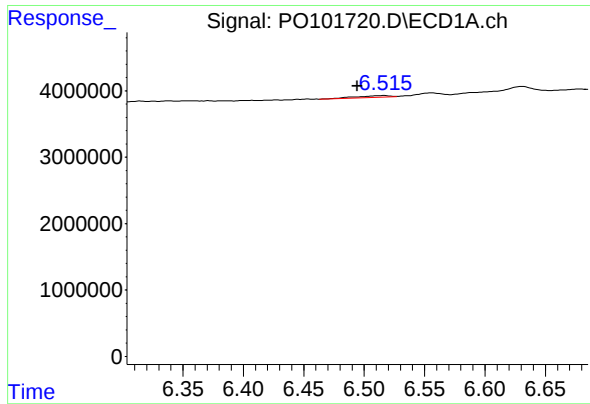
#26 AR-1254-1

R.T.: 6.275 min
Delta R.T.: -0.004 min
Response: 406140
Conc: 3.66 ng/ml



#26 AR-1254-1

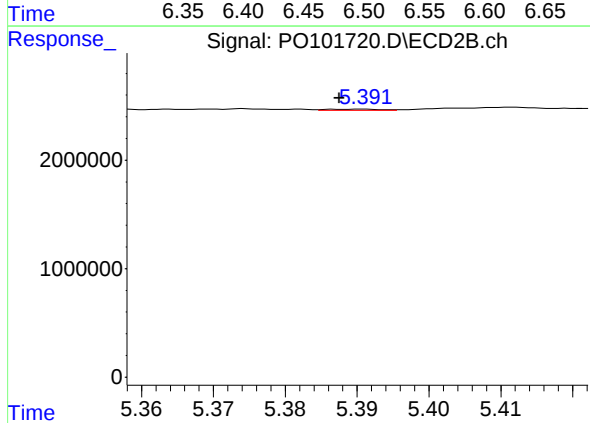
R.T.: 5.229 min
Delta R.T.: -0.013 min
Response: 469447
Conc: 4.04 ng/ml



#27 AR-1254-2

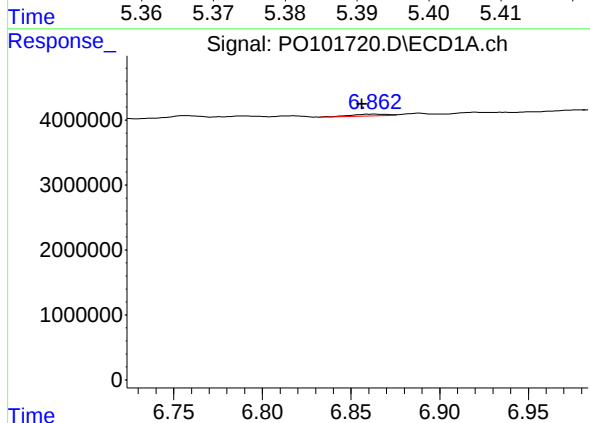
R.T.: 6.516 min
Delta R.T.: 0.022 min
Response: 445930
Conc: 2.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



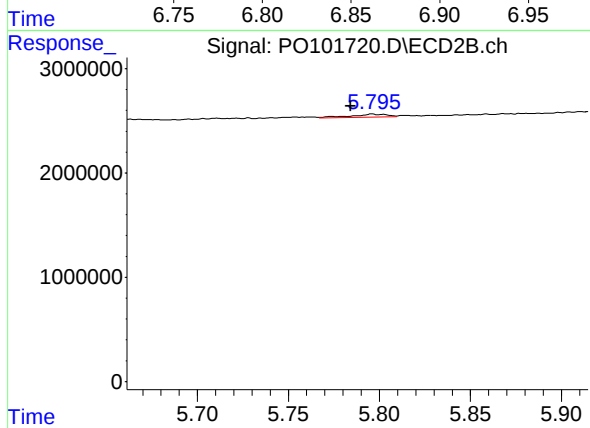
#27 AR-1254-2

R.T.: 5.391 min
Delta R.T.: 0.003 min
Response: 50857
Conc: 0.48 ng/ml



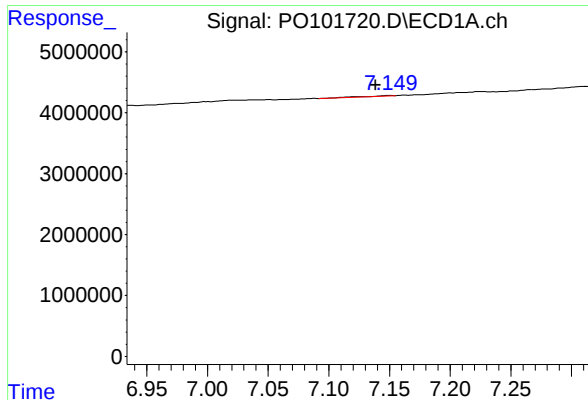
#28 AR-1254-3

R.T.: 6.863 min
Delta R.T.: 0.007 min
Response: 356839
Conc: 2.22 ng/ml



#28 AR-1254-3

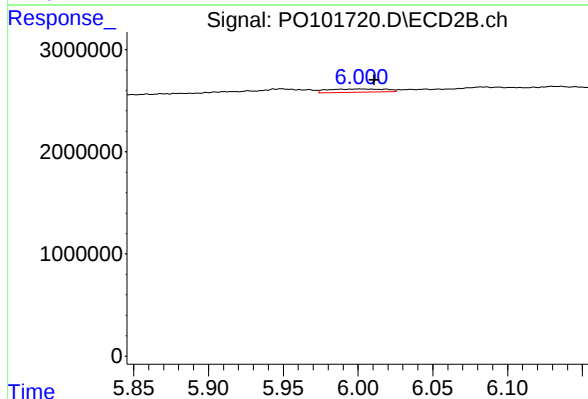
R.T.: 5.796 min
Delta R.T.: 0.012 min
Response: 407828
Conc: 2.52 ng/ml



#29 AR-1254-4

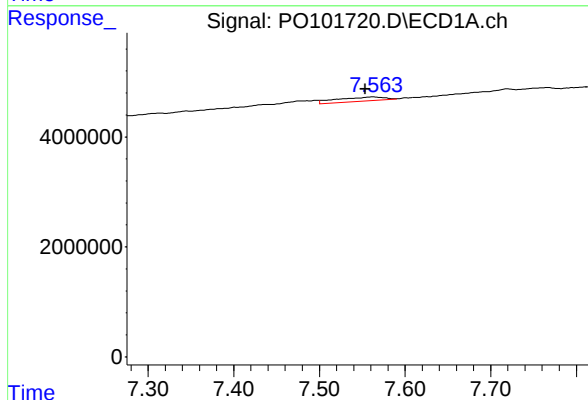
R.T.: 7.150 min
Delta R.T.: 0.011 min
Response: 163330
Conc: 1.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



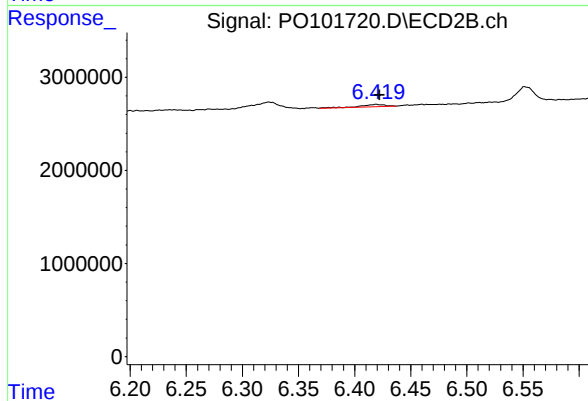
#29 AR-1254-4

R.T.: 6.001 min
Delta R.T.: -0.010 min
Response: 876604
Conc: 10.43 ng/ml



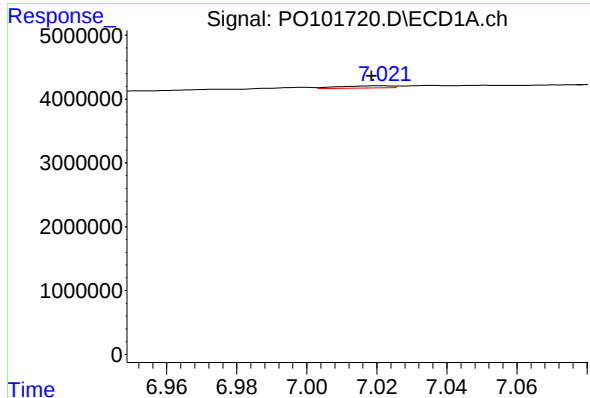
#30 AR-1254-5

R.T.: 7.563 min
Delta R.T.: 0.009 min
Response: 2836832
Conc: 23.68 ng/ml



#30 AR-1254-5

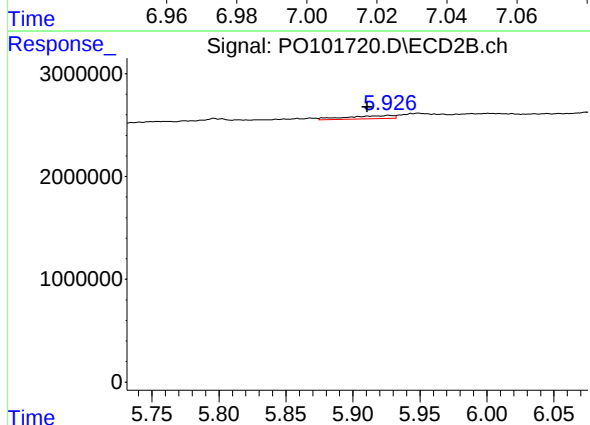
R.T.: 6.419 min
Delta R.T.: -0.003 min
Response: 368397
Conc: 2.75 ng/ml



#31 AR-1260-1

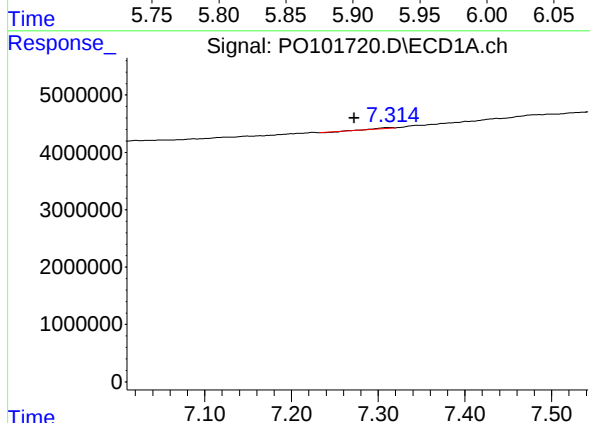
R.T.: 7.021 min
Delta R.T.: 0.003 min
Response: 332792
Conc: 2.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



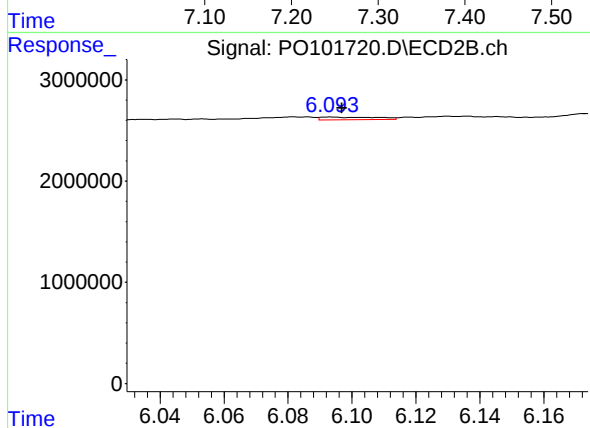
#31 AR-1260-1

R.T.: 5.927 min
Delta R.T.: 0.016 min
Response: 740621
Conc: 6.00 ng/ml



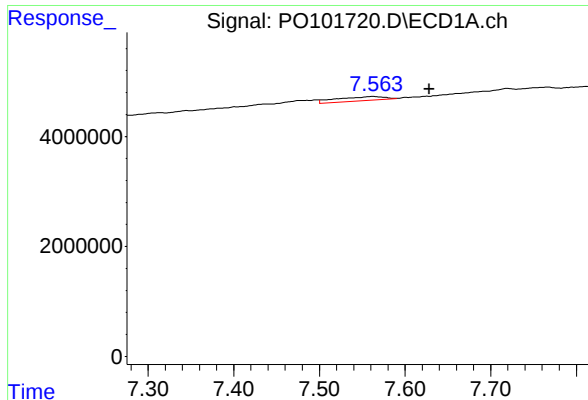
#32 AR-1260-2

R.T.: 7.315 min
Delta R.T.: 0.042 min
Response: 78215
Conc: 0.55 ng/ml



#32 AR-1260-2

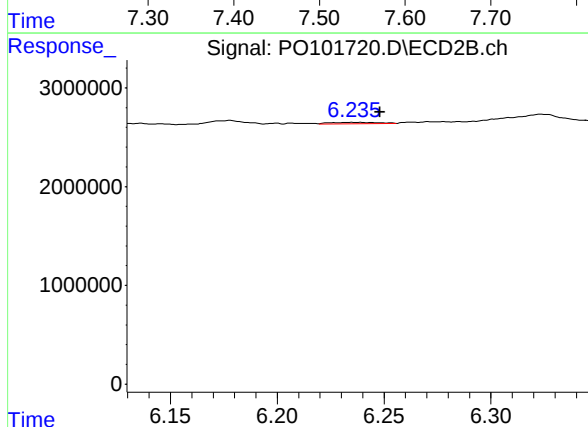
R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 342457
Conc: 2.37 ng/ml



#33 AR-1260-3

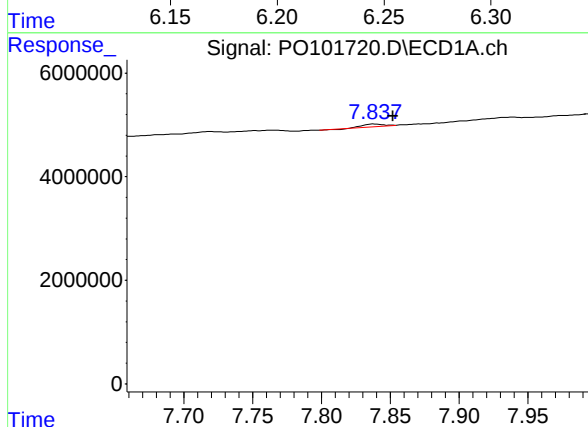
R.T.: 7.563 min
Delta R.T.: -0.065 min
Response: 2836832
Conc: 26.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



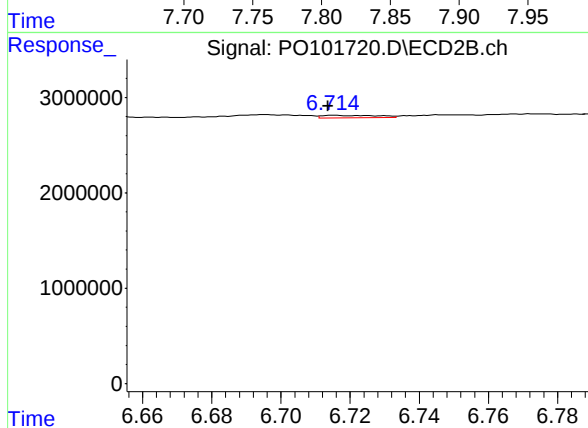
#33 AR-1260-3

R.T.: 6.235 min
Delta R.T.: -0.013 min
Response: 229599
Conc: 1.76 ng/ml



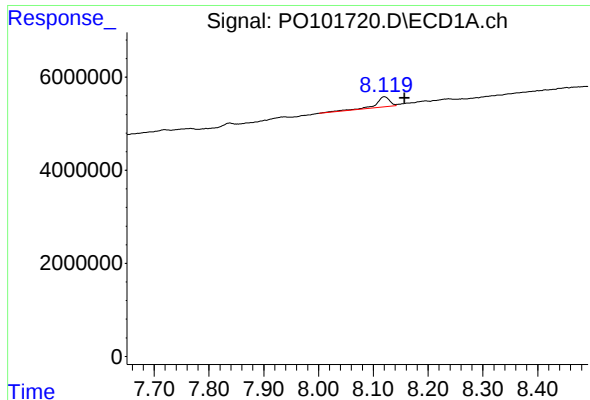
#34 AR-1260-4

R.T.: 7.838 min
Delta R.T.: -0.014 min
Response: 511104
Conc: 4.58 ng/ml



#34 AR-1260-4

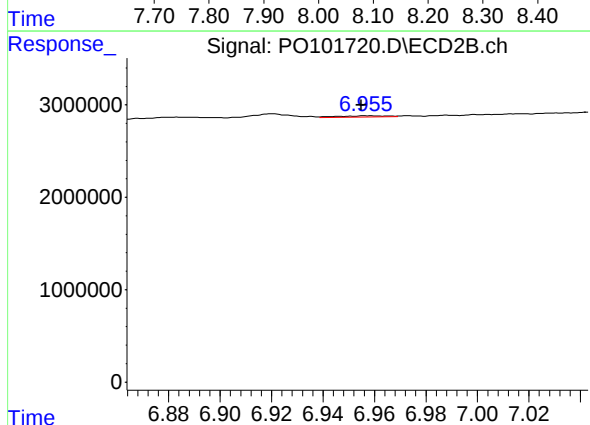
R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 285587
Conc: 2.59 ng/ml



#35 AR-1260-5

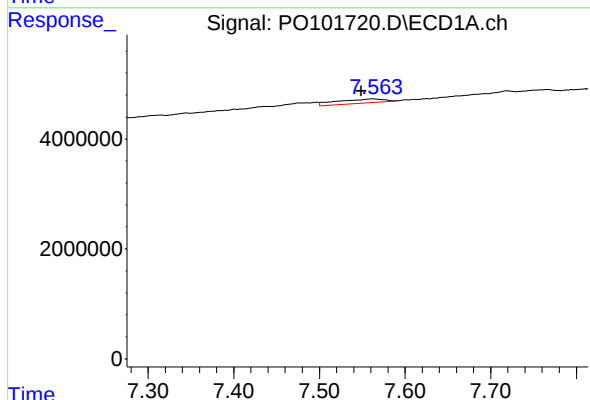
R.T.: 8.120 min
Delta R.T.: -0.037 min
Response: 3920268
Conc: 17.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



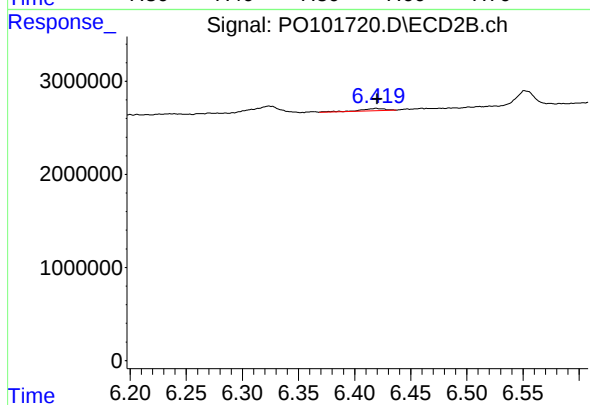
#35 AR-1260-5

R.T.: 6.957 min
Delta R.T.: 0.002 min
Response: 183723
Conc: 0.78 ng/ml



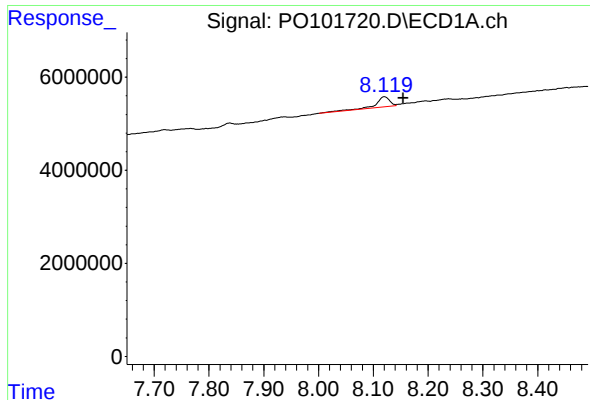
#36 AR-1262-1

R.T.: 7.563 min
Delta R.T.: 0.014 min
Response: 2836832
Conc: 23.50 ng/ml



#36 AR-1262-1

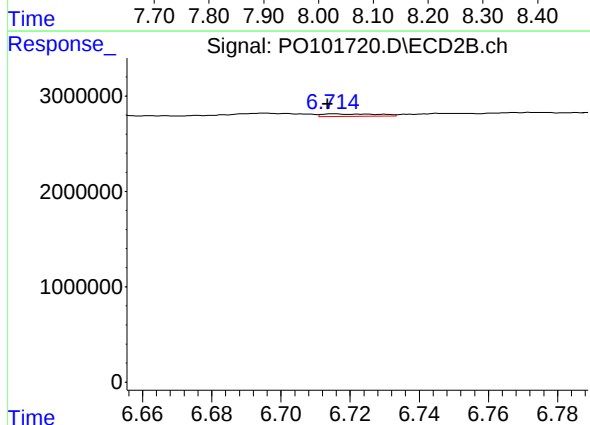
R.T.: 6.419 min
Delta R.T.: -0.001 min
Response: 368397
Conc: 4.39 ng/ml



#37 AR-1262-2

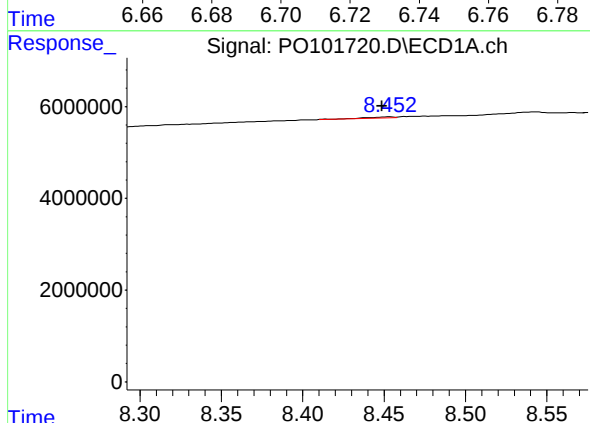
R.T.: 8.120 min
Delta R.T.: -0.035 min
Response: 3920268
Conc: 12.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



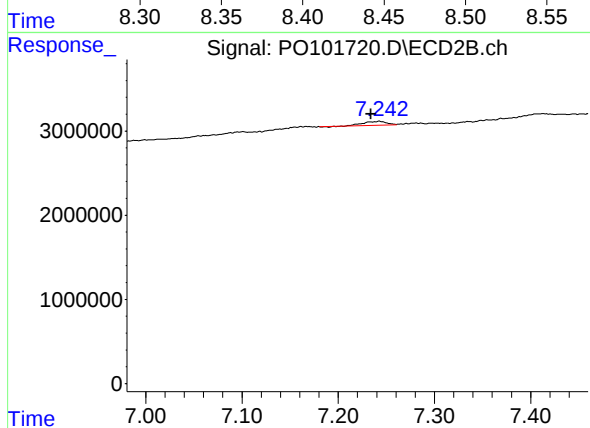
#37 AR-1262-2

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 285587
Conc: 1.88 ng/ml



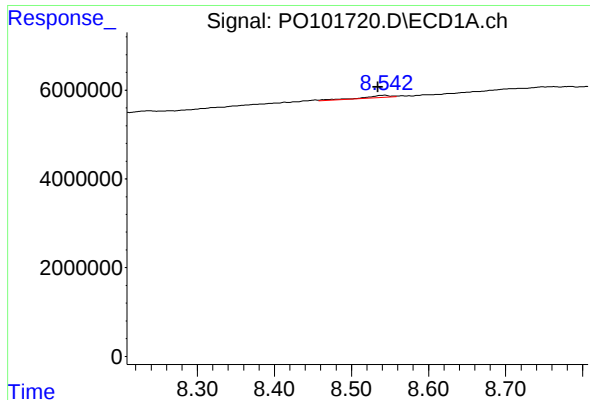
#38 AR-1262-3

R.T.: 8.453 min
Delta R.T.: 0.005 min
Response: 206811
Conc: 0.98 ng/ml



#38 AR-1262-3

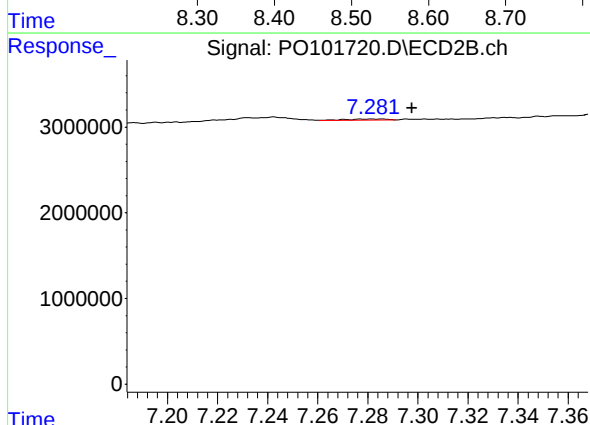
R.T.: 7.243 min
Delta R.T.: 0.009 min
Response: 716770
Conc: 6.06 ng/ml



#39 AR-1262-4

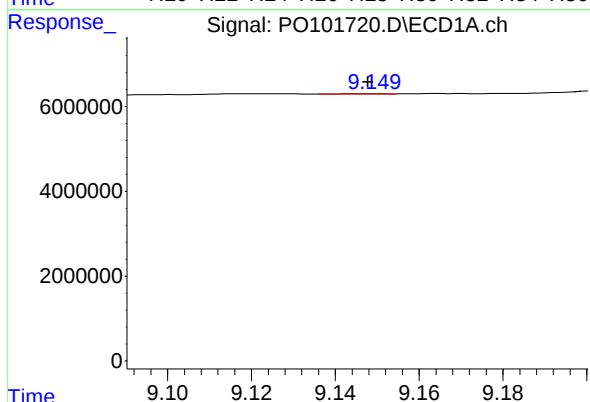
R.T.: 8.544 min
Delta R.T.: 0.009 min
Response: 1080475
Conc: 6.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



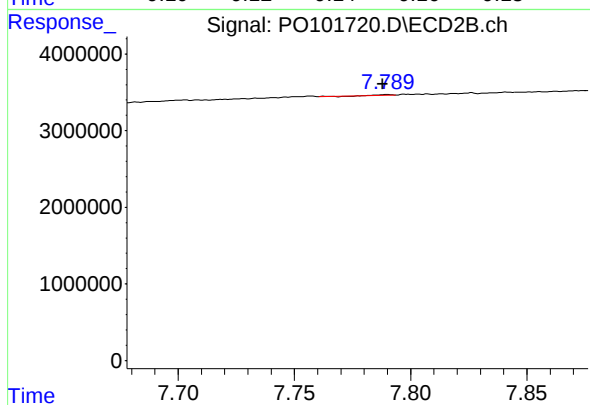
#39 AR-1262-4

R.T.: 7.281 min
Delta R.T.: -0.016 min
Response: 161012
Conc: 0.75 ng/ml



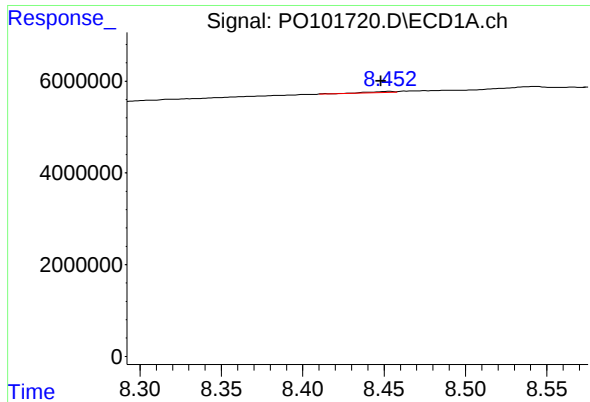
#40 AR-1262-5

R.T.: 9.149 min
Delta R.T.: 0.002 min
Response: 52909
Conc: 0.51 ng/ml



#40 AR-1262-5

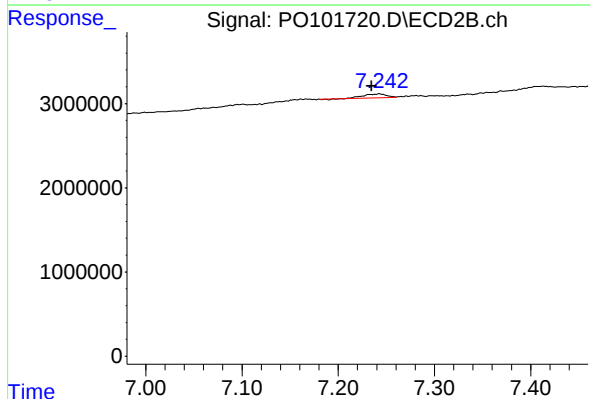
R.T.: 7.790 min
Delta R.T.: 0.002 min
Response: 28376
Conc: 0.31 ng/ml



#41 AR-1268-1

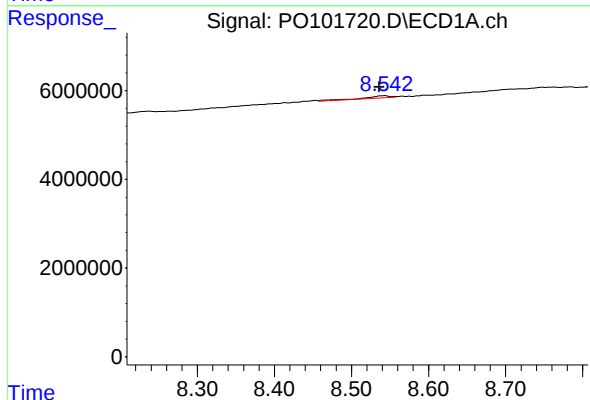
R.T.: 8.453 min
Delta R.T.: 0.005 min
Response: 206811
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



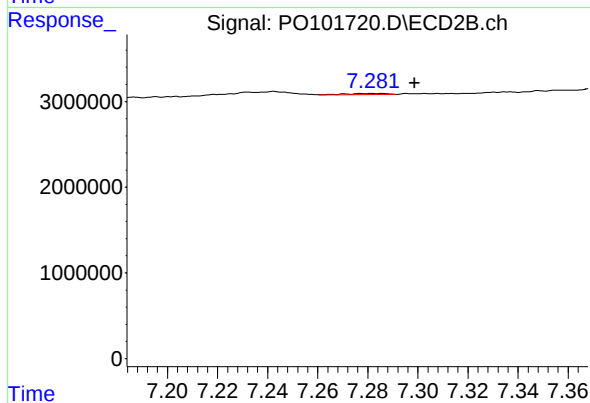
#41 AR-1268-1

R.T.: 7.243 min
Delta R.T.: 0.008 min
Response: 716770
Conc: 2.31 ng/ml



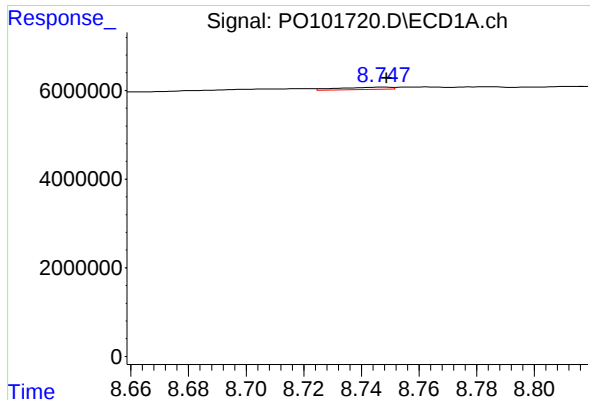
#42 AR-1268-2

R.T.: 8.544 min
Delta R.T.: 0.008 min
Response: 1080475
Conc: 3.25 ng/ml



#42 AR-1268-2

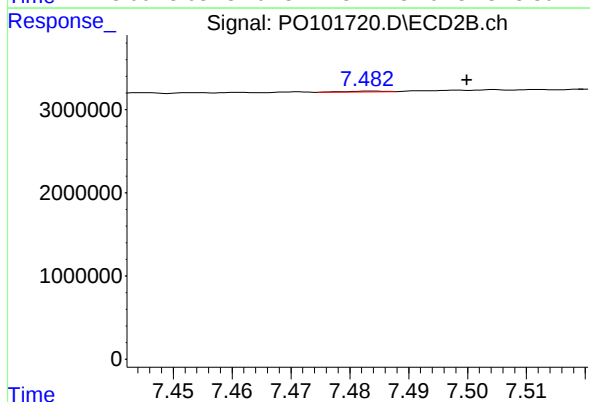
R.T.: 7.281 min
Delta R.T.: -0.017 min
Response: 161012
Conc: 0.57 ng/ml



#43 AR-1268-3

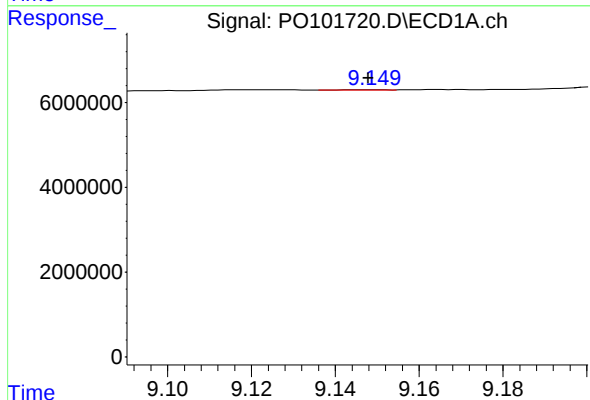
R.T.: 8.747 min
Delta R.T.: -0.001 min
Response: 643877
Conc: 2.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



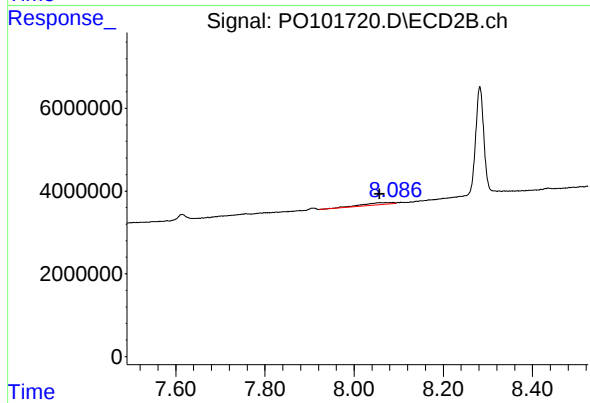
#43 AR-1268-3

R.T.: 7.484 min
Delta R.T.: -0.016 min
Response: 44842
Conc: 0.19 ng/ml



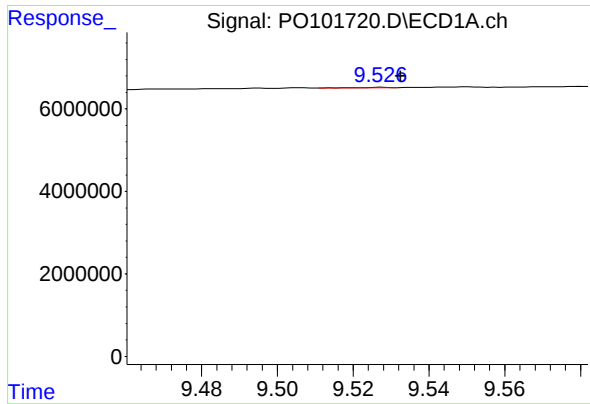
#44 AR-1268-4

R.T.: 9.149 min
Delta R.T.: 0.001 min
Response: 52909
Conc: 0.53 ng/ml



#44 AR-1268-4

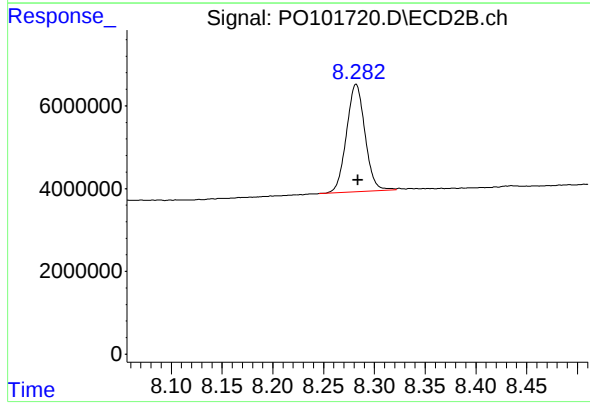
R.T.: 8.070 min
Delta R.T.: 0.013 min
Response: 2416603
Conc: 3.36 ng/ml



#45 AR-1268-5

R.T.: 9.527 min
Delta R.T.: -0.005 min
Response: 83262
Conc: 0.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-2



#45 AR-1268-5

R.T.: 8.282 min
Delta R.T.: -0.002 min
Response: 32915426
Conc: 96.23 ng/ml