

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080223\
 Data File : P0096586.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2023 14:26
 Operator : YP/AJ
 Sample : 03859-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 02:01:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 28 01:38:03 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...	4.414	3.622	60871127	24794380	18.218	17.503
2) SA Decachlor...	10.239	8.645	43593976	22130646	19.703	18.814
Target Compounds						
3) L1 AR-1016-1	5.646f	0.000	142420	0	1.520	N.D. #
4) L1 AR-1016-2	5.646	0.000	142420	0	1.067	N.D. #
5) L1 AR-1016-3	5.666	0.000	19460	0	0.234	N.D. #
6) L1 AR-1016-4	5.783	0.000	25941	0	0.382	N.D. #
7) L1 AR-1016-5	6.091	0.000	13921	0	0.194	N.D. #
8) L2 AR-1221-1	4.680f	0.000	50705	0	1.232	N.D. #
9) L2 AR-1221-2	4.723	3.922	809854	419959	26.942	29.653
10) L2 AR-1221-3	4.805	0.000	92128	0	1.049	N.D. #
11) L3 AR-1232-1	4.805	0.000	92128	0	1.281	N.D. #
12) L3 AR-1232-2	5.341	0.000	114942	0	2.927	N.D. #
13) L3 AR-1232-3	5.646	0.000	142420	0	2.337	N.D. #
14) L3 AR-1232-4	5.783	0.000	25941	0	0.855	N.D. #
15) L3 AR-1232-5	5.890	0.000	210766	0	7.577	N.D. #
16) L4 AR-1242-1	5.646f	0.000	142420	0	1.757	N.D. #
17) L4 AR-1242-2	5.646	0.000	142420	0	1.245	N.D. #
18) L4 AR-1242-3	5.666	0.000	19460	0	0.273	N.D. #
19) L4 AR-1242-4	5.783	0.000	25941	0	0.449	N.D. #
20) L4 AR-1242-5	6.523	5.512	164285	418078	2.963	11.588 #
21) L5 AR-1248-1	5.646f	0.000	142420	0	2.480	N.D. #
22) L5 AR-1248-2	5.890	0.000	210766	0	2.273	N.D. #
23) L5 AR-1248-3	6.091	0.000	13921	0	0.141	N.D. #
24) L5 AR-1248-4	6.491	0.000	109908	0	1.184	N.D. #
25) L5 AR-1248-5	6.523	5.584	164285	2085861	1.779	44.438 #
26) L6 AR-1254-1	6.451	5.512	66581	418078	0.630	5.690 #
27) L6 AR-1254-2	6.678	5.664	253223	476157	1.632	7.295 #
28) L6 AR-1254-3	7.049	6.062	1893394	190353	12.406	1.886 #
29) L6 AR-1254-4	7.339	6.302	133753	501657	1.368	8.409 #
30) L6 AR-1254-5	7.761	6.792f	953258	714501	8.651	8.231
31) L7 AR-1260-1	7.231	6.240f	938780	996710	7.215	13.677 #
32) L7 AR-1260-2	7.540f	6.370	749727	655283	5.472	7.577 #
33) L7 AR-1260-3	7.761	0.000	953258	0	6.235	N.D. #
34) L7 AR-1260-4	8.083	6.997	381477	172692	3.133	2.645
35) L7 AR-1260-5	8.426	0.000	194907	0	0.886	N.D. #
36) L8 AR-1262-1	7.854	6.792	1247329	714501	8.448	18.187 #
37) L8 AR-1262-2	8.426	6.997	194907	172692	0.855	2.116 #
38) L8 AR-1262-3	8.718	7.602f	578831	193694	3.482	3.027
39) L8 AR-1262-4	8.804	7.602	186212	193694	1.440	1.710
40) L8 AR-1262-5	9.461	0.000	187135	0	2.194	N.D. #
41) L9 AR-1268-1	8.718	7.602f	578831	193694	1.903	1.038 #

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 QLast Update : Fri Jul 28 01:38:03 2023
 Response via : Initial Calibration
 Integrator: ChemStation

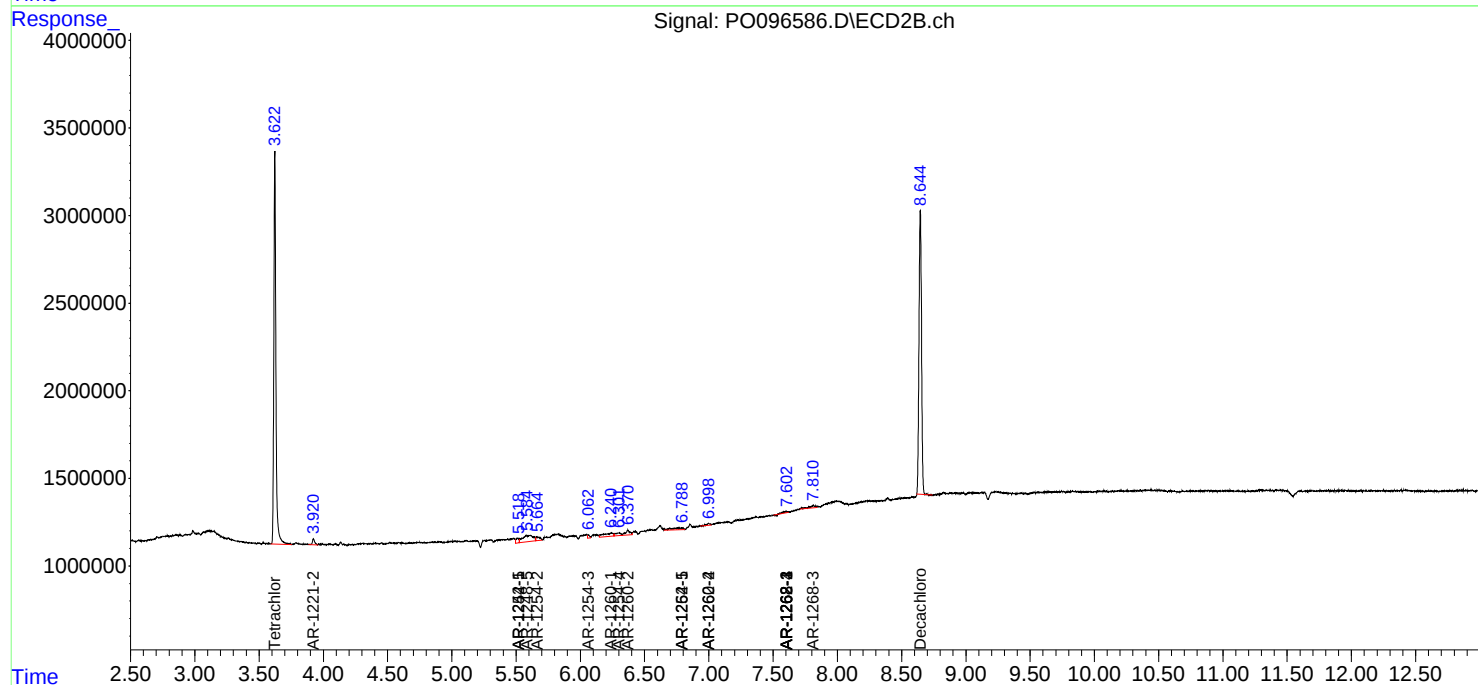
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

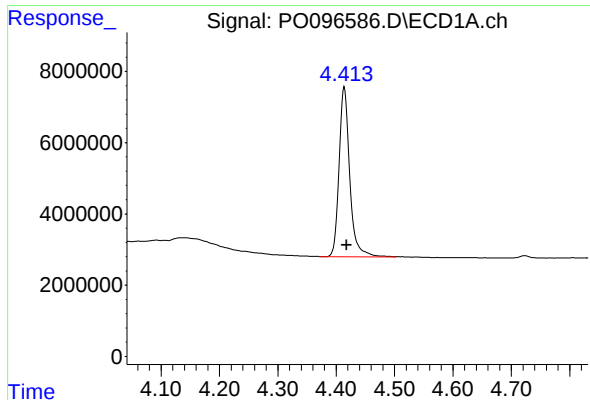
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.804	7.602	186212	193694	0.696	1.151 #
43) L9	AR-1268-3	9.046	7.812	90484	506755	0.361	3.457 #
44) L9	AR-1268-4	9.461	0.000	187135	0	2.021	N.D. #
45) L9	AR-1268-5	9.907	0.000	77002	0	0.097	N.D. #

(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

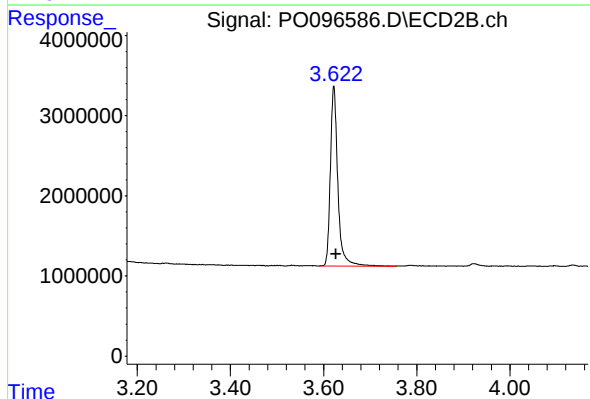




#1 Tetrachloro-m-xylene

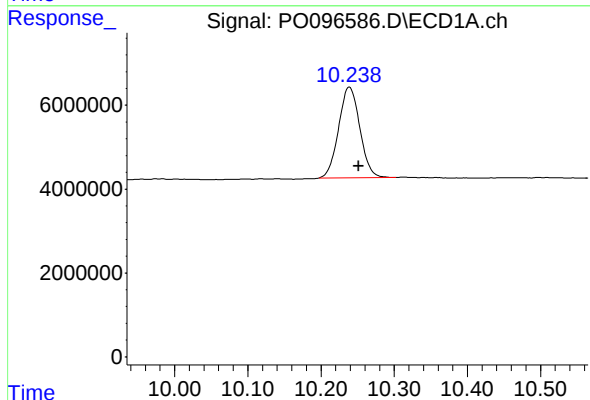
R.T.: 4.414 min
Delta R.T.: -0.004 min
Response: 60871127
Conc: 18.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



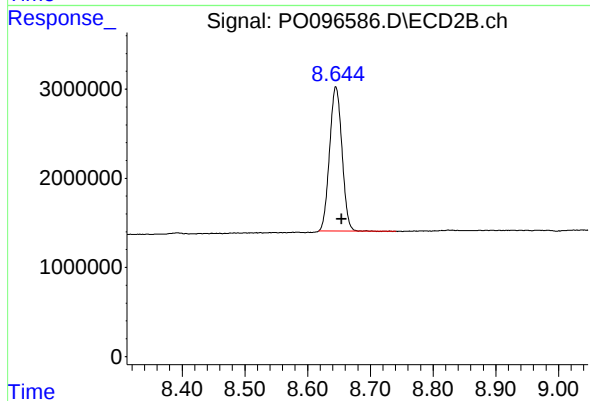
#1 Tetrachloro-m-xylene

R.T.: 3.622 min
Delta R.T.: -0.005 min
Response: 24794380
Conc: 17.50 ng/ml



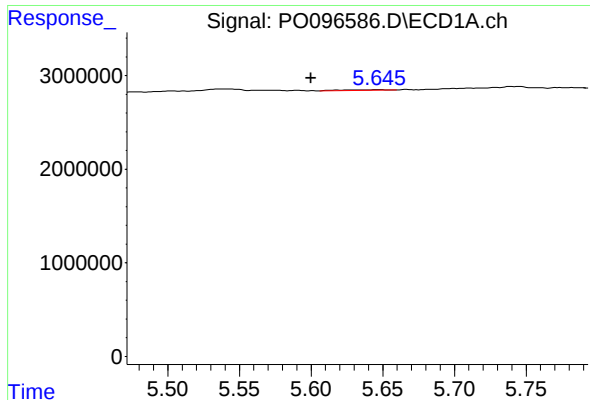
#2 Decachlorobiphenyl

R.T.: 10.239 min
Delta R.T.: -0.013 min
Response: 43593976
Conc: 19.70 ng/ml



#2 Decachlorobiphenyl

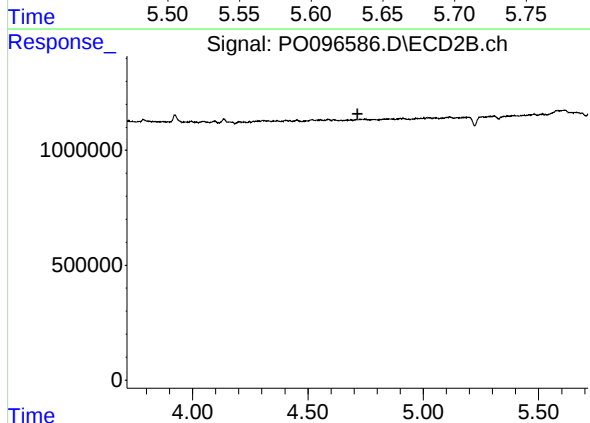
R.T.: 8.645 min
Delta R.T.: -0.010 min
Response: 22130646
Conc: 18.81 ng/ml



#3 AR-1016-1

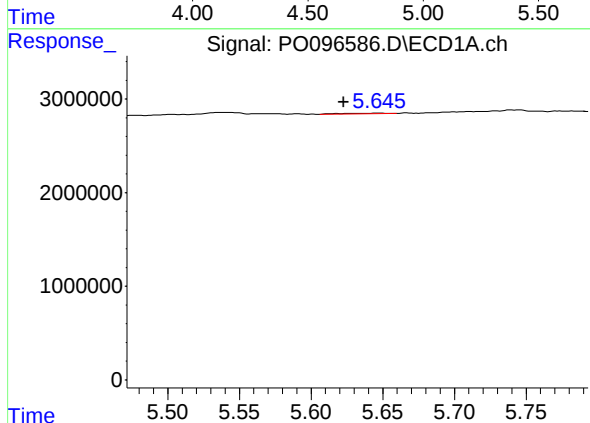
R.T.: 5.646 min
Delta R.T.: 0.046 min
Response: 142420
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



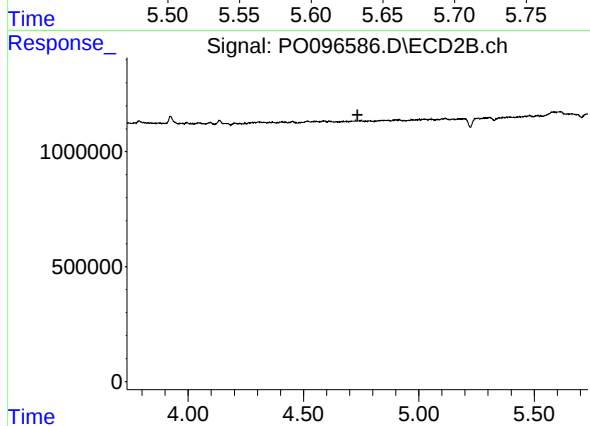
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.715 min
Response: 0
Conc: N.D.



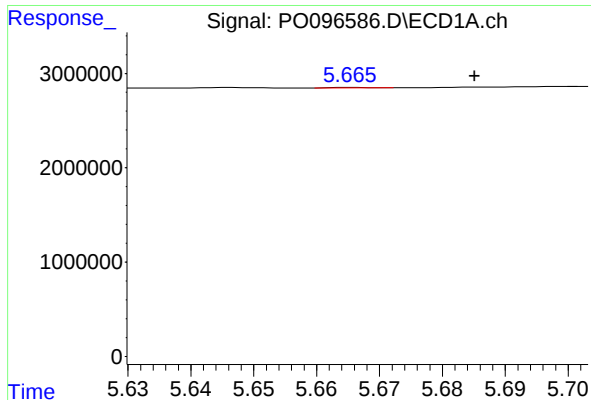
#4 AR-1016-2

R.T.: 5.646 min
Delta R.T.: 0.024 min
Response: 142420
Conc: 1.07 ng/ml



#4 AR-1016-2

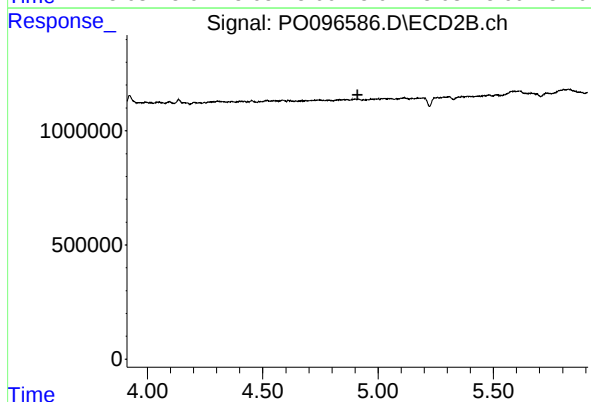
R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



#5 AR-1016-3

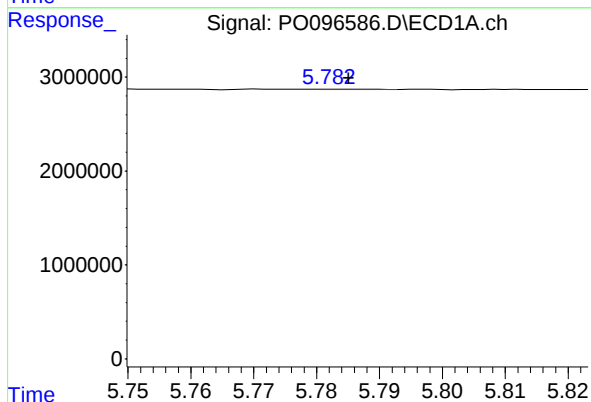
R.T.: 5.666 min
Delta R.T.: -0.019 min
Response: 19460
Conc: 0.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



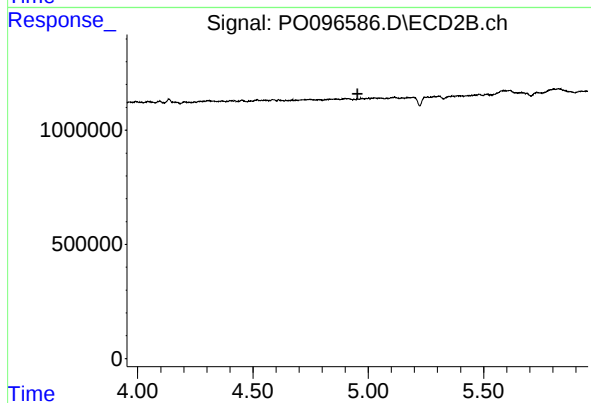
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.910 min
Response: 0
Conc: N.D.



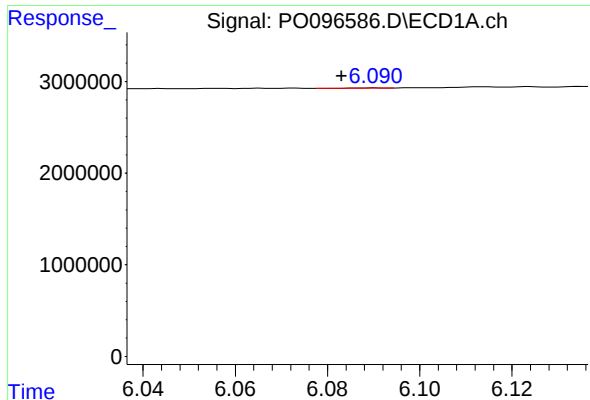
#6 AR-1016-4

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 25941
Conc: 0.38 ng/ml



#6 AR-1016-4

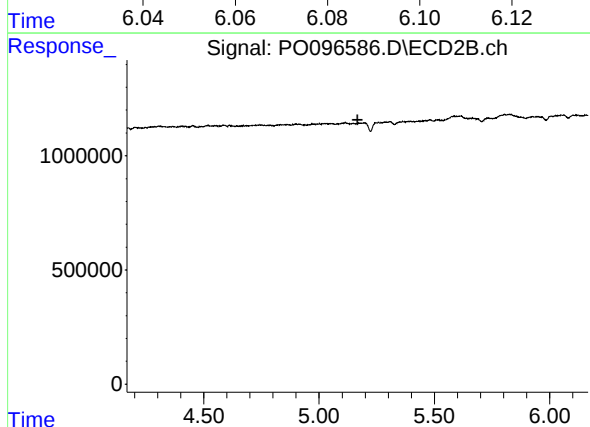
R.T.: 0.000 min
Exp R.T. : 4.953 min
Response: 0
Conc: N.D.



#7 AR-1016-5

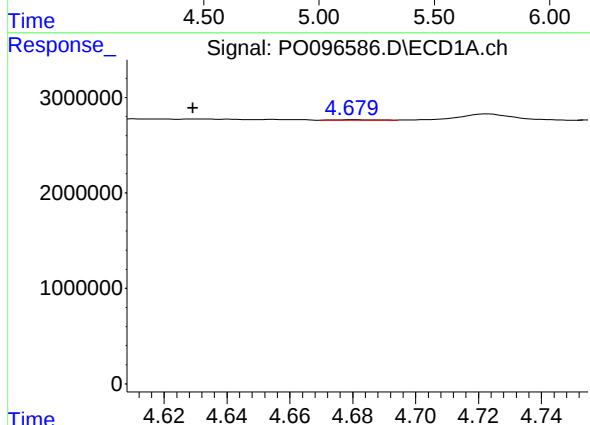
R.T.: 6.091 min
Delta R.T.: 0.008 min
Response: 13921
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



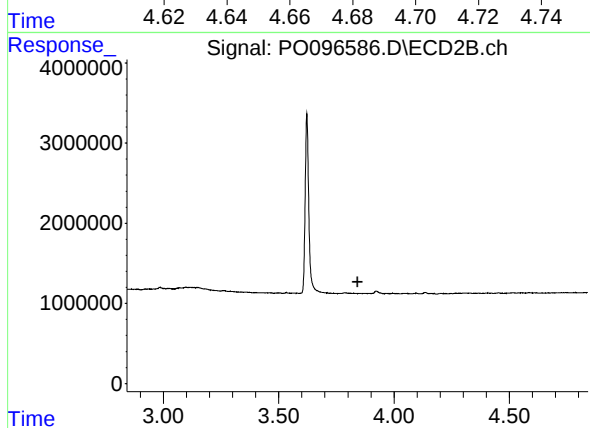
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.167 min
Response: 0
Conc: N.D.



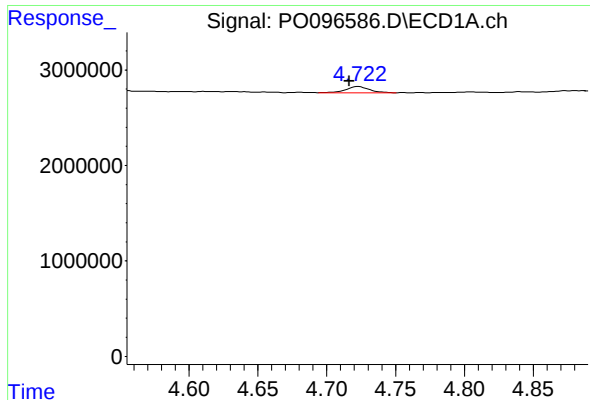
#8 AR-1221-1

R.T.: 4.680 min
Delta R.T.: 0.051 min
Response: 50705
Conc: 1.23 ng/ml



#8 AR-1221-1

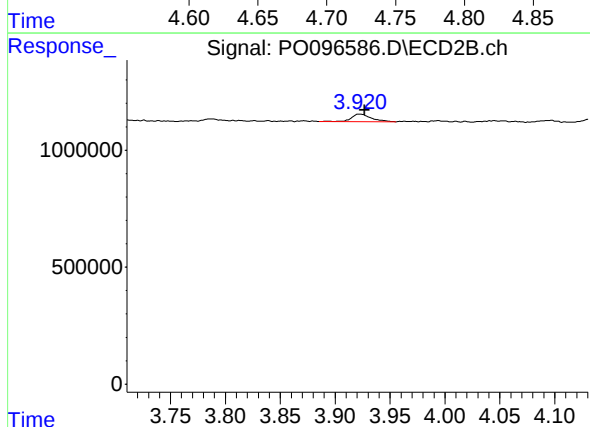
R.T.: 0.000 min
Exp R.T. : 3.842 min
Response: 0
Conc: N.D.



#9 AR-1221-2

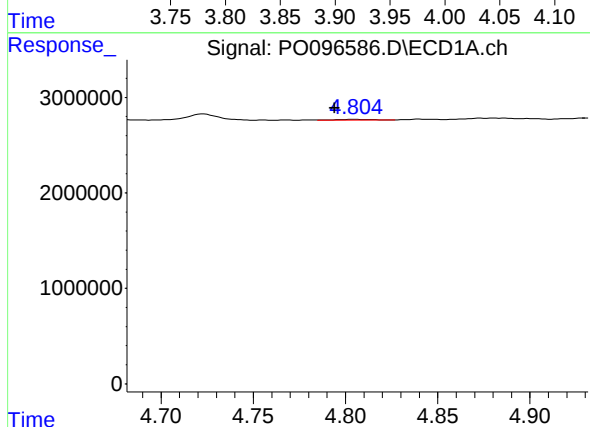
R.T.: 4.723 min
Delta R.T.: 0.006 min
Response: 809854
Conc: 26.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



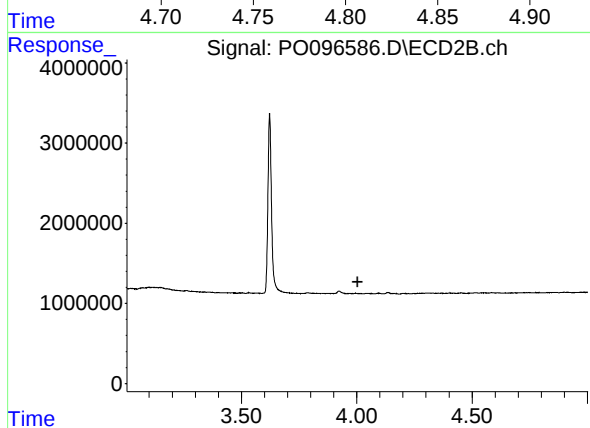
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.004 min
Response: 419959
Conc: 29.65 ng/ml



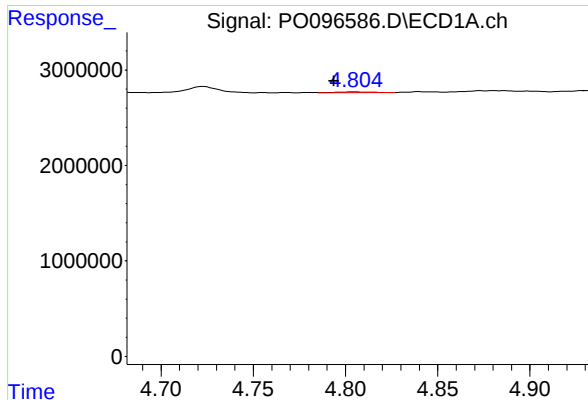
#10 AR-1221-3

R.T.: 4.805 min
Delta R.T.: 0.011 min
Response: 92128
Conc: 1.05 ng/ml



#10 AR-1221-3

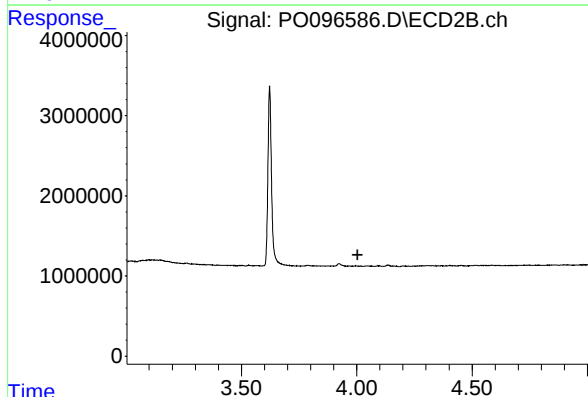
R.T.: 0.000 min
Exp R.T. : 4.003 min
Response: 0
Conc: N.D.



#11 AR-1232-1

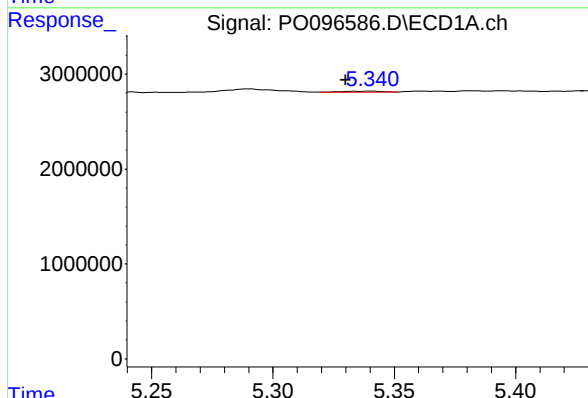
R.T.: 4.805 min
Delta R.T.: 0.011 min
Response: 92128
Conc: 1.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



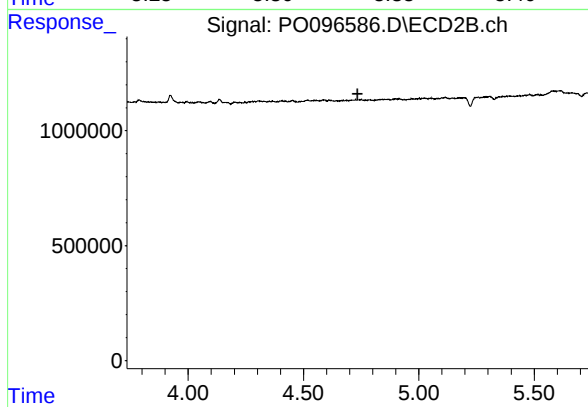
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.003 min
Response: 0
Conc: N.D.



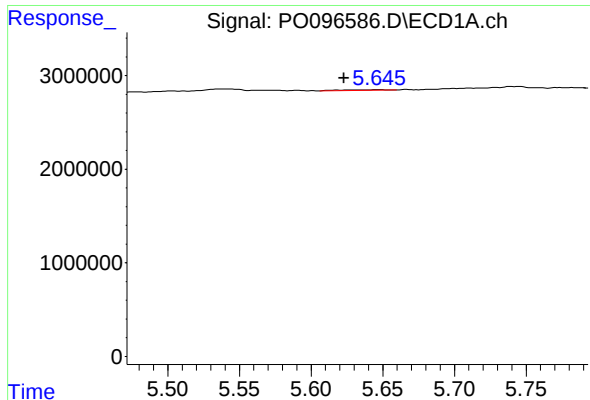
#12 AR-1232-2

R.T.: 5.341 min
Delta R.T.: 0.011 min
Response: 114942
Conc: 2.93 ng/ml



#12 AR-1232-2

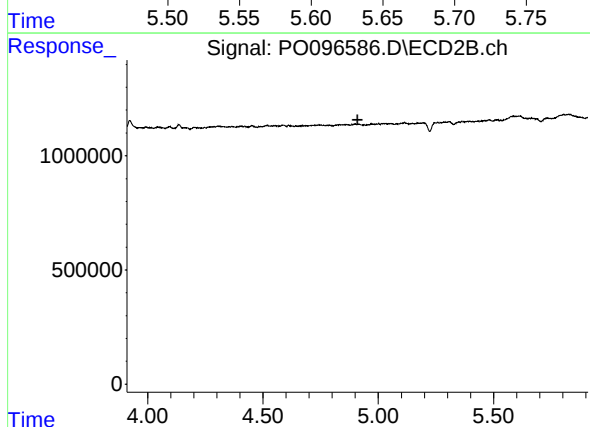
R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



#13 AR-1232-3

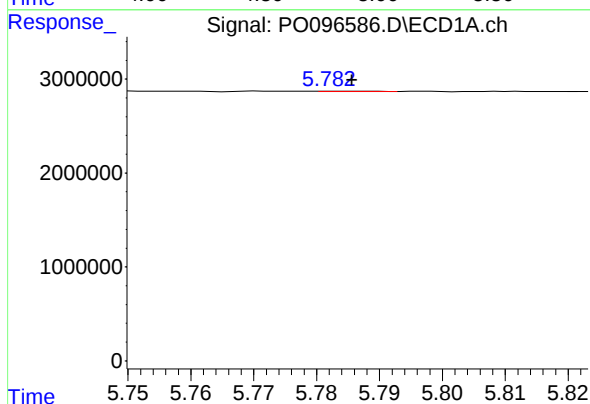
R.T.: 5.646 min
Delta R.T.: 0.024 min
Response: 142420
Conc: 2.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



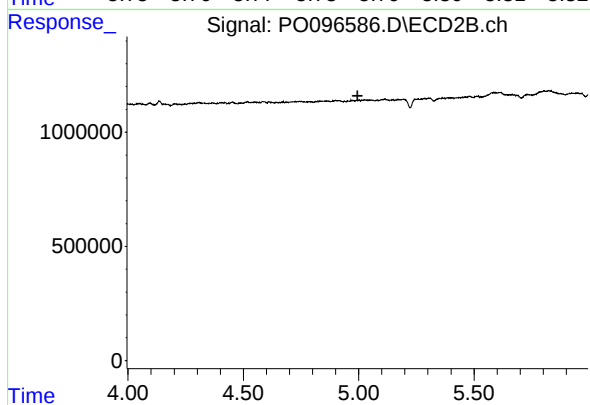
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 4.910 min
Response: 0
Conc: N.D.



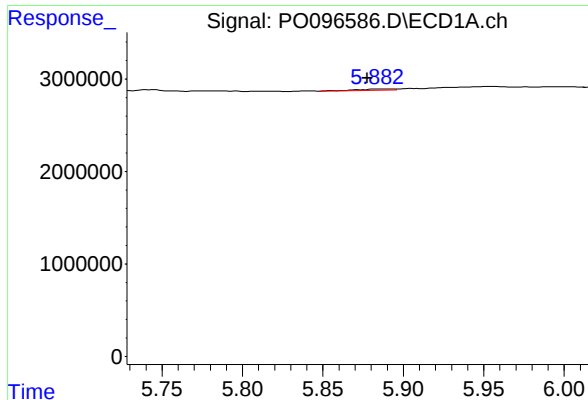
#14 AR-1232-4

R.T.: 5.783 min
Delta R.T.: -0.003 min
Response: 25941
Conc: 0.85 ng/ml



#14 AR-1232-4

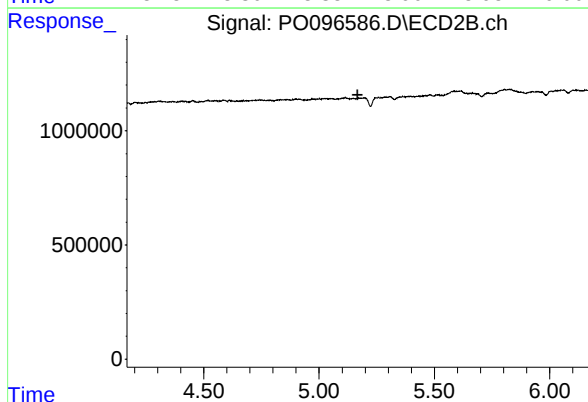
R.T.: 0.000 min
Exp R.T.: 4.995 min
Response: 0
Conc: N.D.



#15 AR-1232-5

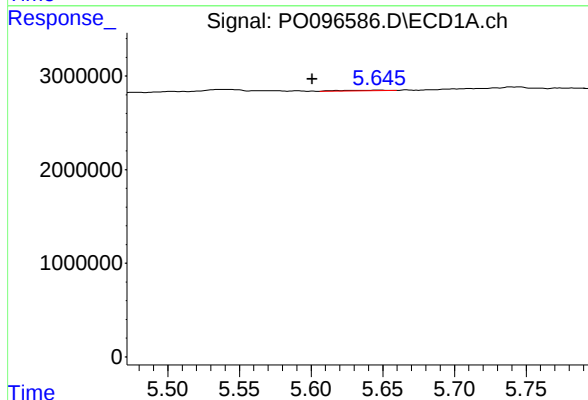
R.T.: 5.890 min
Delta R.T.: 0.013 min
Response: 210766
Conc: 7.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



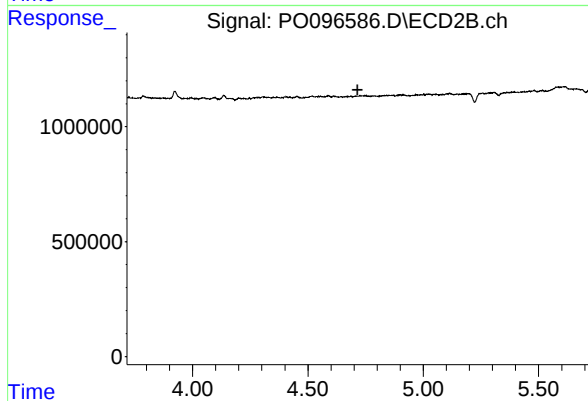
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.166 min
Response: 0
Conc: N.D.



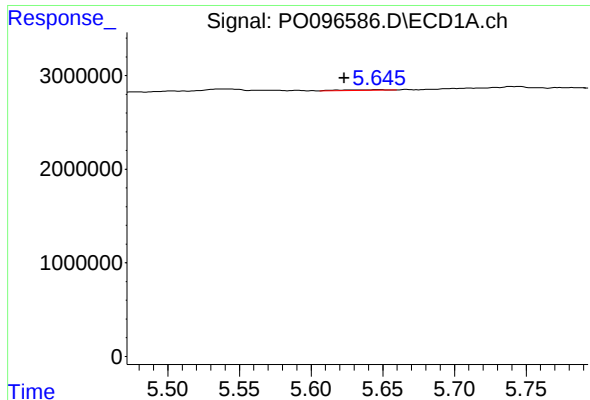
#16 AR-1242-1

R.T.: 5.646 min
Delta R.T.: 0.046 min
Response: 142420
Conc: 1.76 ng/ml



#16 AR-1242-1

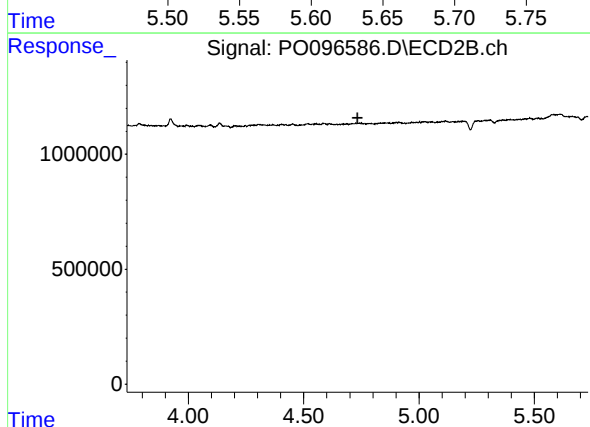
R.T.: 0.000 min
Exp R.T. : 4.715 min
Response: 0
Conc: N.D.



#17 AR-1242-2

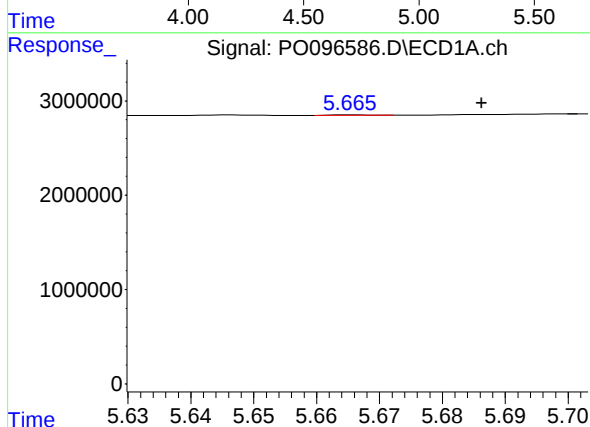
R.T.: 5.646 min
Delta R.T.: 0.023 min
Response: 142420
Conc: 1.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



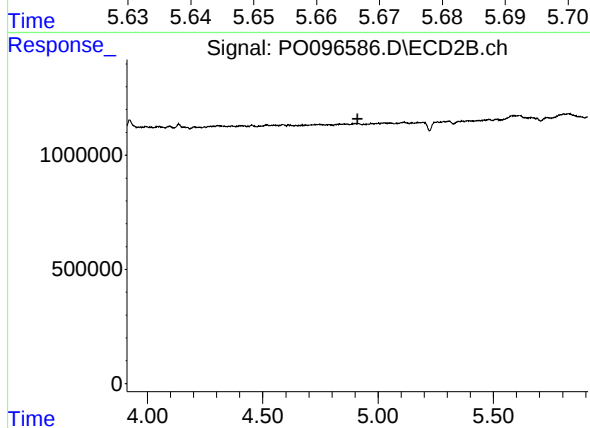
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



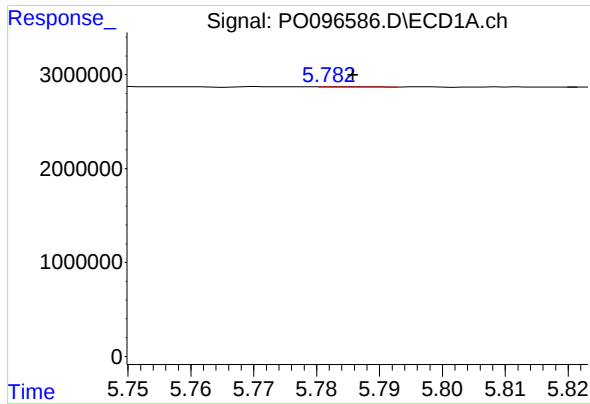
#18 AR-1242-3

R.T.: 5.666 min
Delta R.T.: -0.020 min
Response: 19460
Conc: 0.27 ng/ml



#18 AR-1242-3

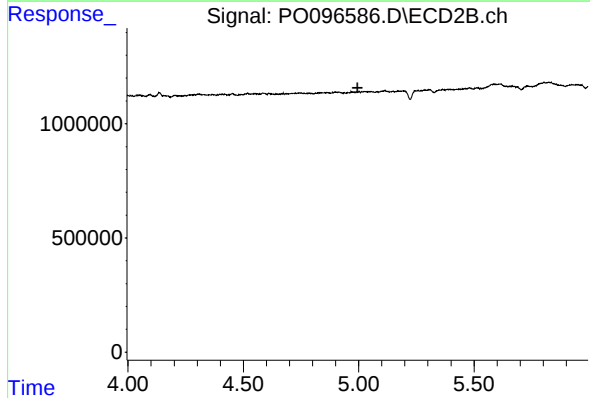
R.T.: 0.000 min
Exp R.T. : 4.911 min
Response: 0
Conc: N.D.



#19 AR-1242-4

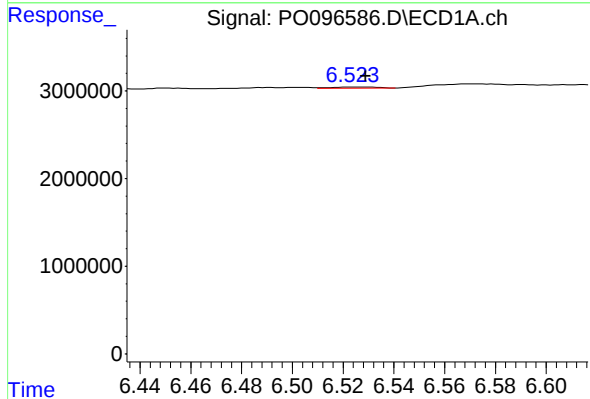
R.T.: 5.783 min
Delta R.T.: -0.003 min
Response: 25941
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



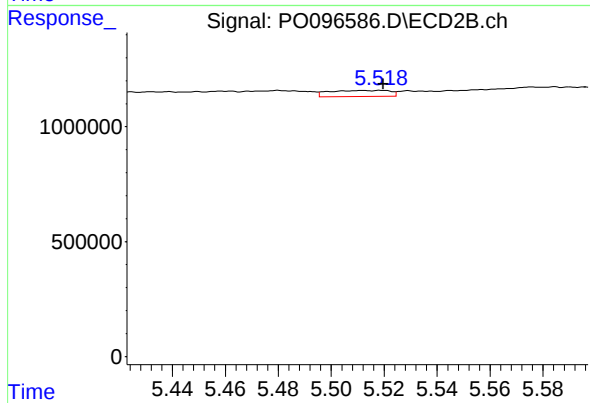
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 4.995 min
Response: 0
Conc: N.D.



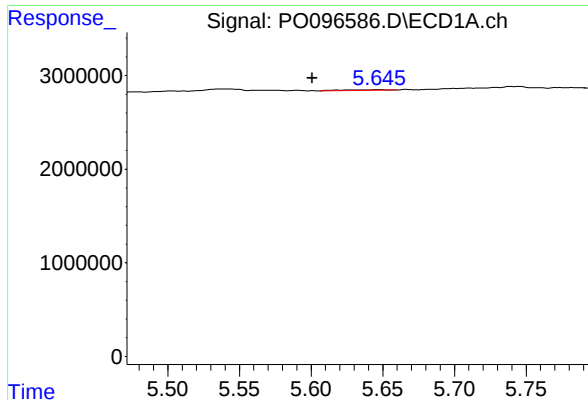
#20 AR-1242-5

R.T.: 6.523 min
Delta R.T.: -0.006 min
Response: 164285
Conc: 2.96 ng/ml



#20 AR-1242-5

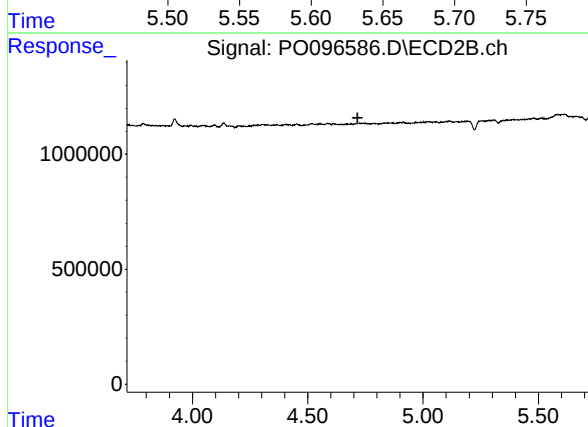
R.T.: 5.512 min
Delta R.T.: -0.008 min
Response: 418078
Conc: 11.59 ng/ml



#21 AR-1248-1

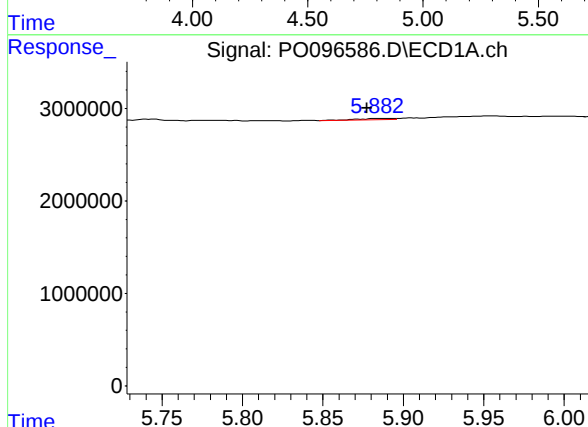
R.T.: 5.646 min
Delta R.T.: 0.046 min
Response: 142420
Conc: 2.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



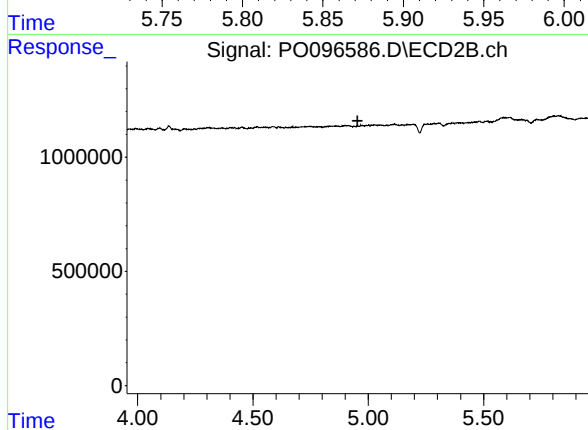
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.715 min
Response: 0
Conc: N.D.



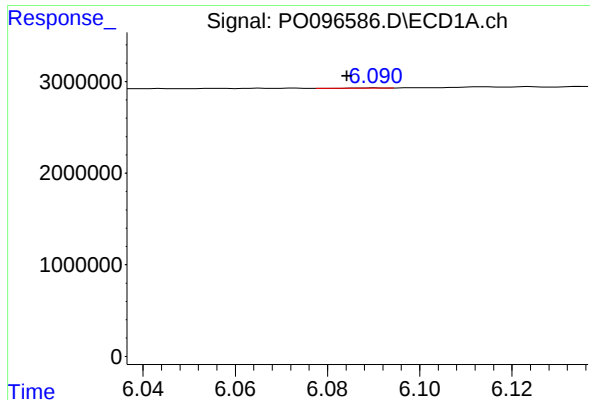
#22 AR-1248-2

R.T.: 5.890 min
Delta R.T.: 0.013 min
Response: 210766
Conc: 2.27 ng/ml



#22 AR-1248-2

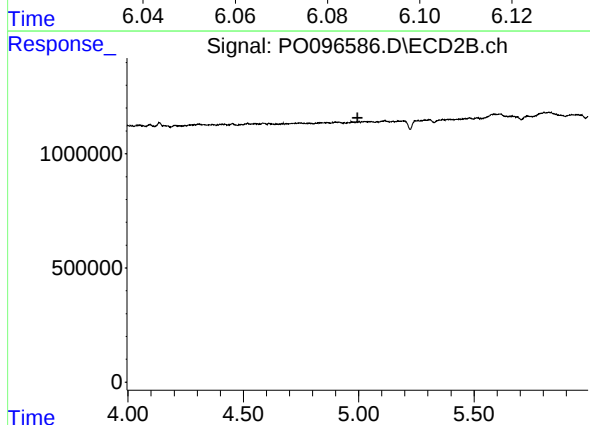
R.T.: 0.000 min
Exp R.T. : 4.953 min
Response: 0
Conc: N.D.



#23 AR-1248-3

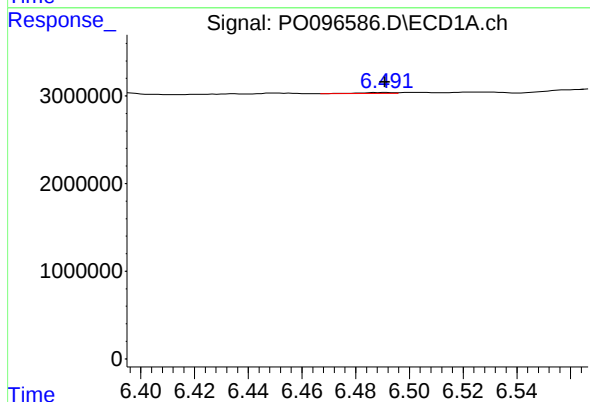
R.T.: 6.091 min
Delta R.T.: 0.007 min
Response: 13921
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



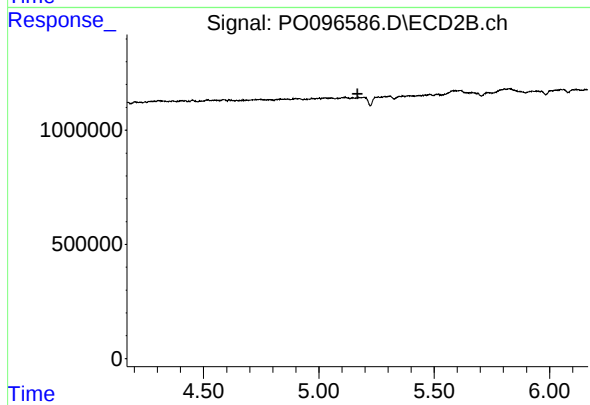
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.995 min
Response: 0
Conc: N.D.



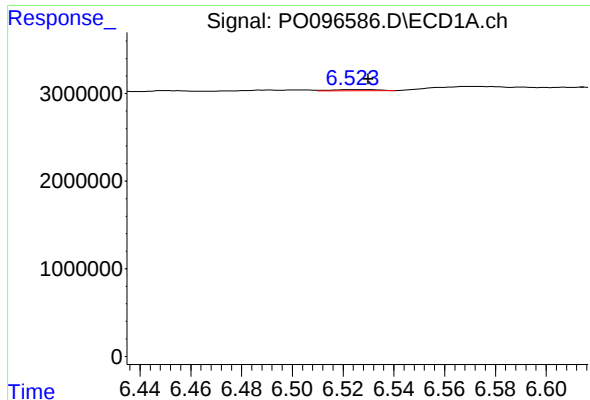
#24 AR-1248-4

R.T.: 6.491 min
Delta R.T.: 0.000 min
Response: 109908
Conc: 1.18 ng/ml



#24 AR-1248-4

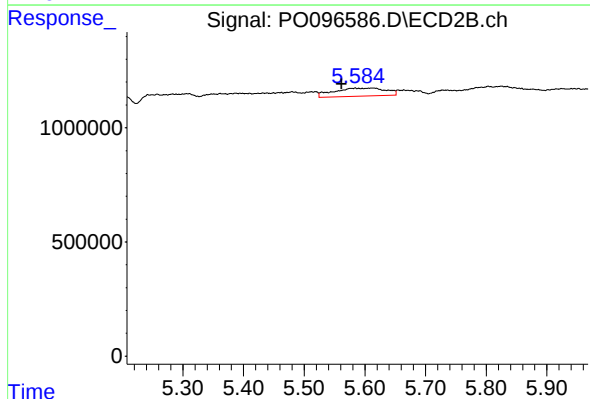
R.T.: 0.000 min
Exp R.T. : 5.167 min
Response: 0
Conc: N.D.



#25 AR-1248-5

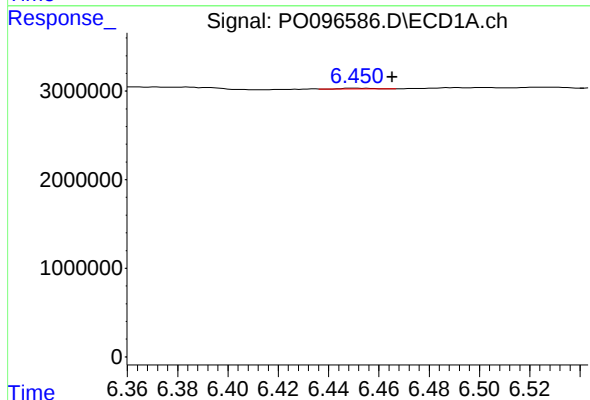
R.T.: 6.523 min
Delta R.T.: -0.007 min
Response: 164285
Conc: 1.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



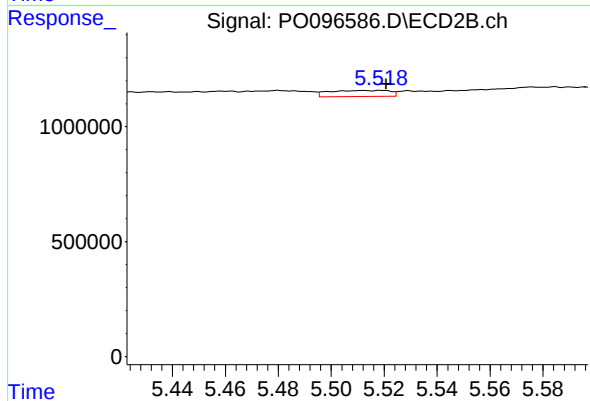
#25 AR-1248-5

R.T.: 5.584 min
Delta R.T.: 0.023 min
Response: 2085861
Conc: 44.44 ng/ml



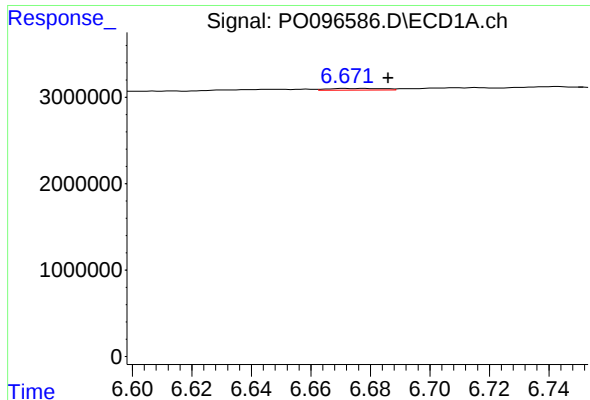
#26 AR-1254-1

R.T.: 6.451 min
Delta R.T.: -0.014 min
Response: 66581
Conc: 0.63 ng/ml



#26 AR-1254-1

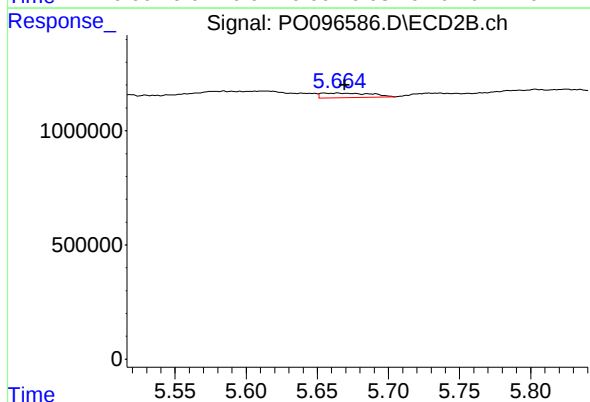
R.T.: 5.512 min
Delta R.T.: -0.009 min
Response: 418078
Conc: 5.69 ng/ml



#27 AR-1254-2

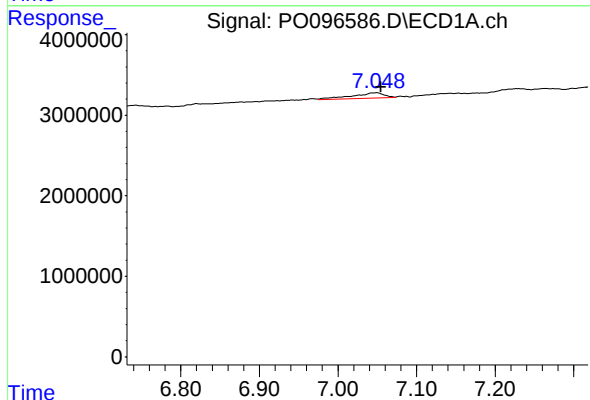
R.T.: 6.678 min
Delta R.T.: -0.008 min
Response: 253223
Conc: 1.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



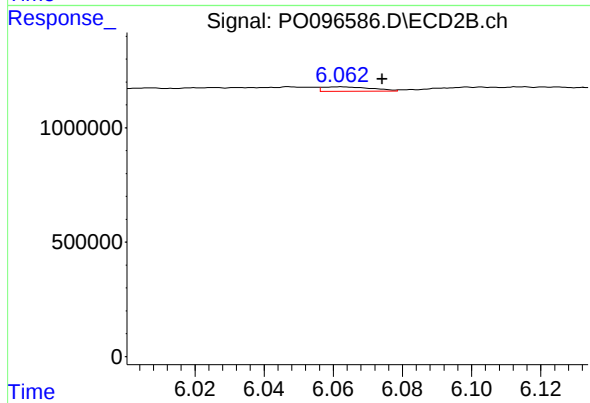
#27 AR-1254-2

R.T.: 5.664 min
Delta R.T.: -0.005 min
Response: 476157
Conc: 7.30 ng/ml



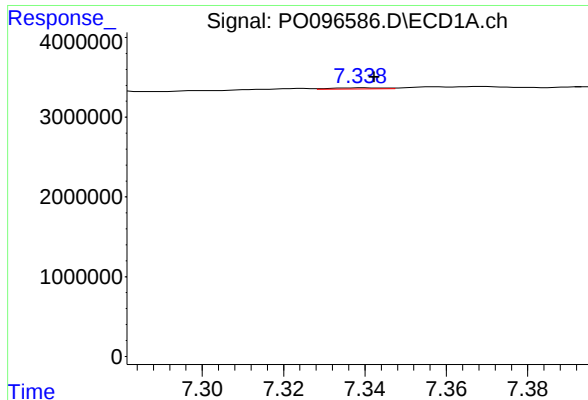
#28 AR-1254-3

R.T.: 7.049 min
Delta R.T.: -0.006 min
Response: 1893394
Conc: 12.41 ng/ml



#28 AR-1254-3

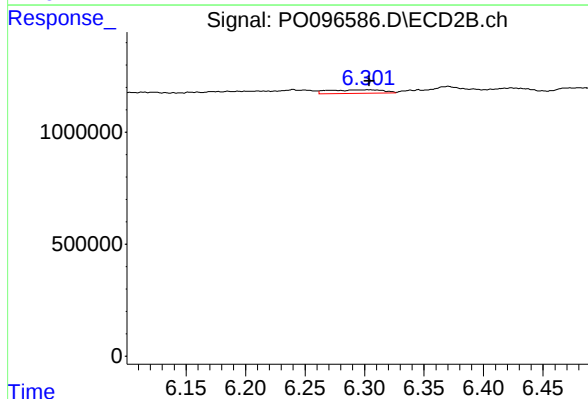
R.T.: 6.062 min
Delta R.T.: -0.012 min
Response: 190353
Conc: 1.89 ng/ml



#29 AR-1254-4

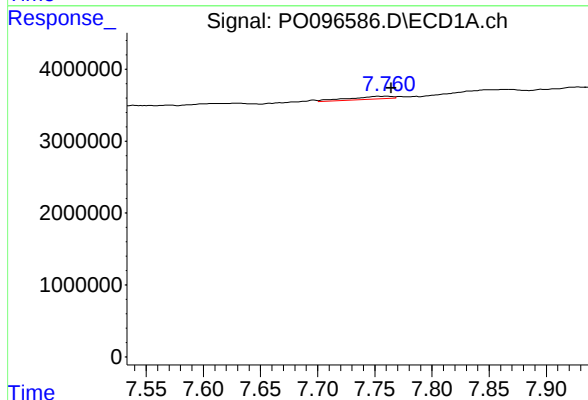
R.T.: 7.339 min
Delta R.T.: -0.003 min
Response: 133753
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



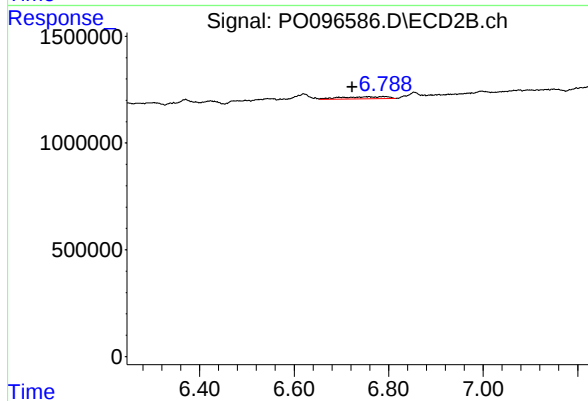
#29 AR-1254-4

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 501657
Conc: 8.41 ng/ml



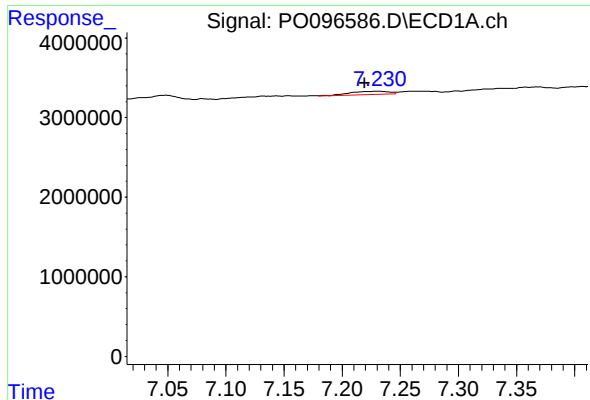
#30 AR-1254-5

R.T.: 7.761 min
Delta R.T.: -0.004 min
Response: 953258
Conc: 8.65 ng/ml



#30 AR-1254-5

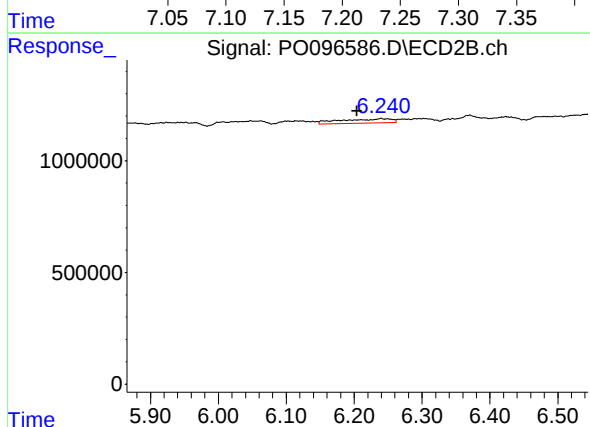
R.T.: 6.792 min
Delta R.T.: 0.009 min
Response: 714501
Conc: 8.23 ng/ml



#31 AR-1260-1

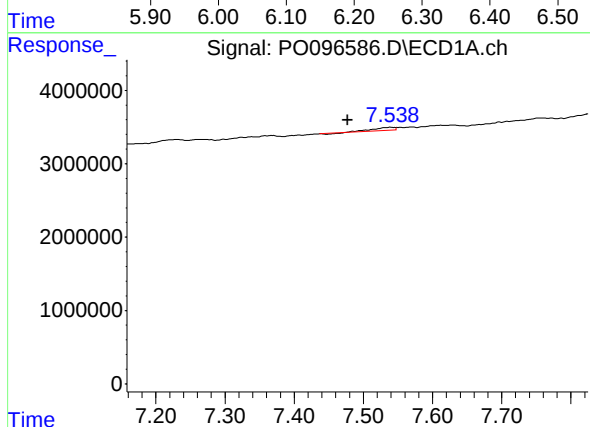
R.T.: 7.231 min
Delta R.T.: 0.012 min
Response: 938780
Conc: 7.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



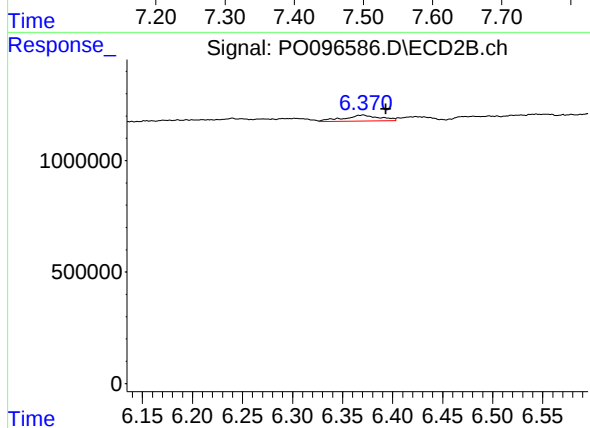
#31 AR-1260-1

R.T.: 6.240 min
Delta R.T.: 0.036 min
Response: 996710
Conc: 13.68 ng/ml



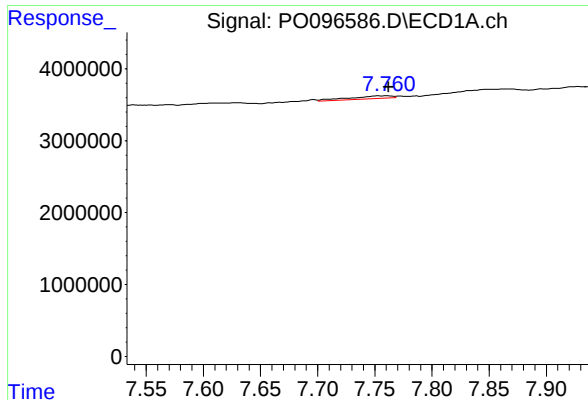
#32 AR-1260-2

R.T.: 7.540 min
Delta R.T.: 0.063 min
Response: 749727
Conc: 5.47 ng/ml



#32 AR-1260-2

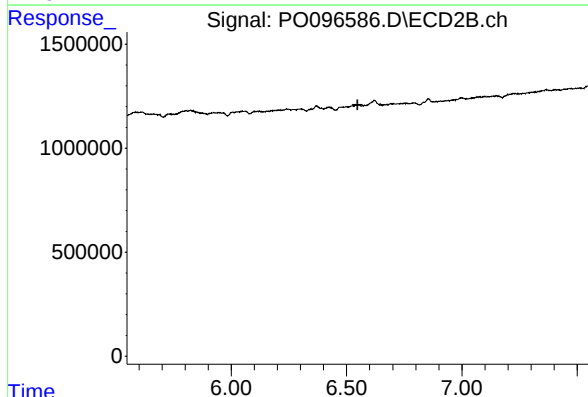
R.T.: 6.370 min
Delta R.T.: -0.024 min
Response: 655283
Conc: 7.58 ng/ml



#33 AR-1260-3

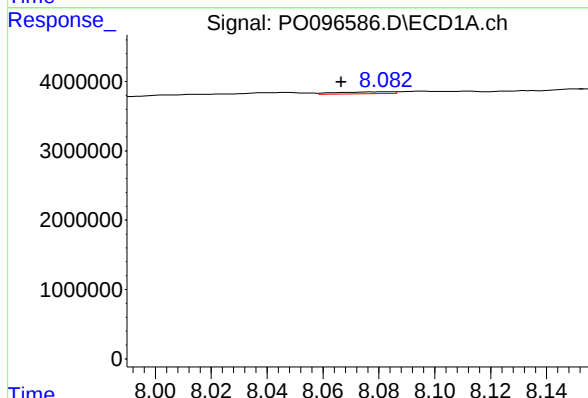
R.T.: 7.761 min
Delta R.T.: -0.002 min
Response: 953258
Conc: 6.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



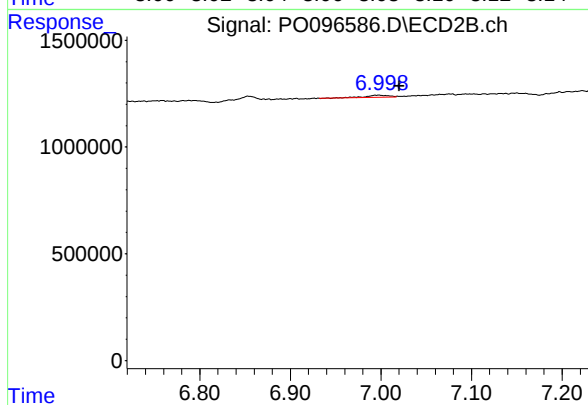
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 6.547 min
Response: 0
Conc: N.D.



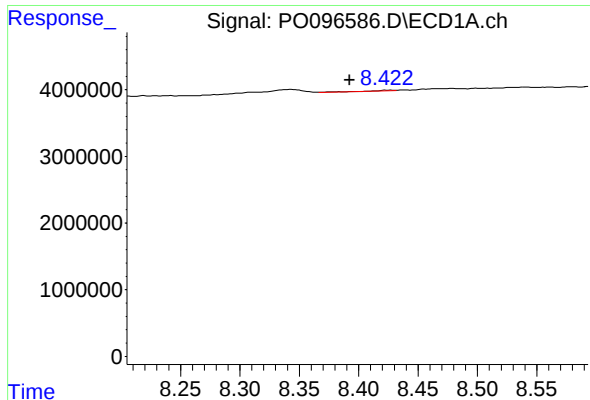
#34 AR-1260-4

R.T.: 8.083 min
Delta R.T.: 0.016 min
Response: 381477
Conc: 3.13 ng/ml



#34 AR-1260-4

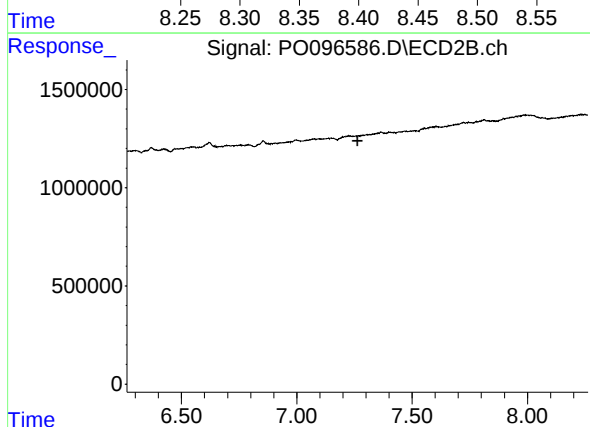
R.T.: 6.997 min
Delta R.T.: -0.024 min
Response: 172692
Conc: 2.64 ng/ml



#35 AR-1260-5

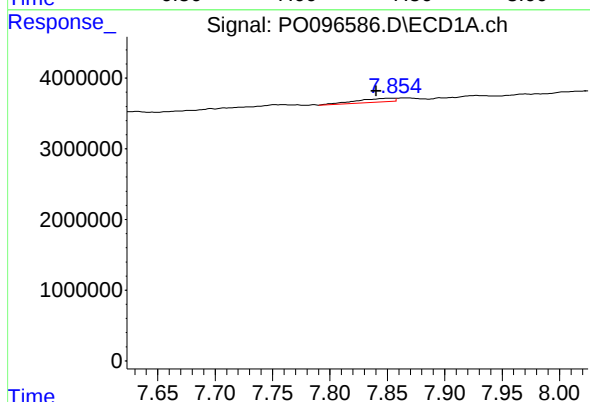
R.T.: 8.426 min
Delta R.T.: 0.034 min
Response: 194907
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



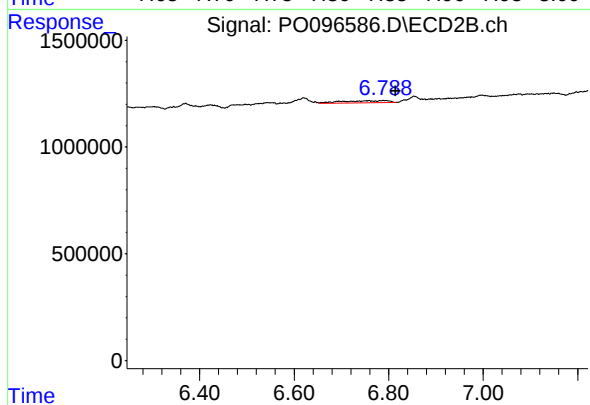
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.264 min
Response: 0
Conc: N.D.



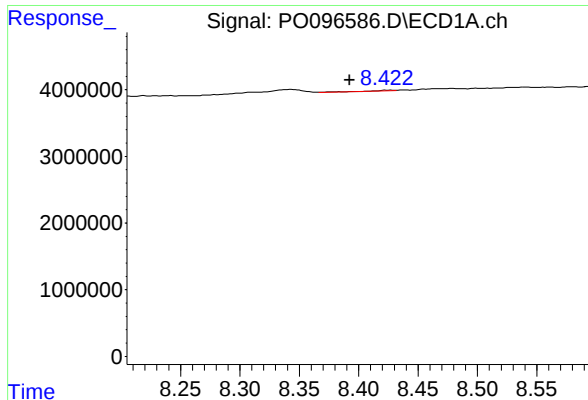
#36 AR-1262-1

R.T.: 7.854 min
Delta R.T.: 0.014 min
Response: 1247329
Conc: 8.45 ng/ml



#36 AR-1262-1

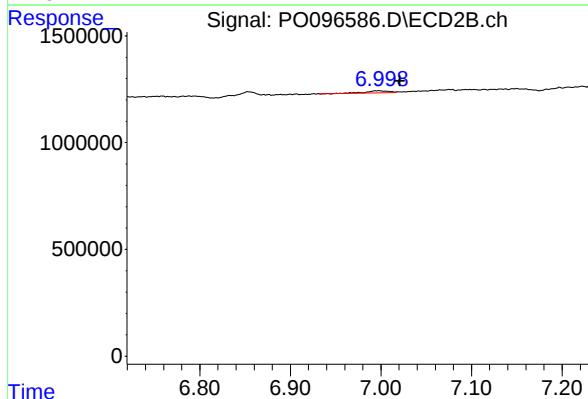
R.T.: 6.792 min
Delta R.T.: -0.022 min
Response: 714501
Conc: 18.19 ng/ml



#37 AR-1262-2

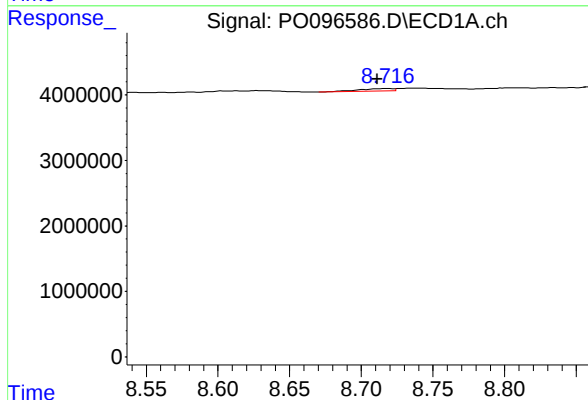
R.T.: 8.426 min
Delta R.T.: 0.034 min
Response: 194907
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



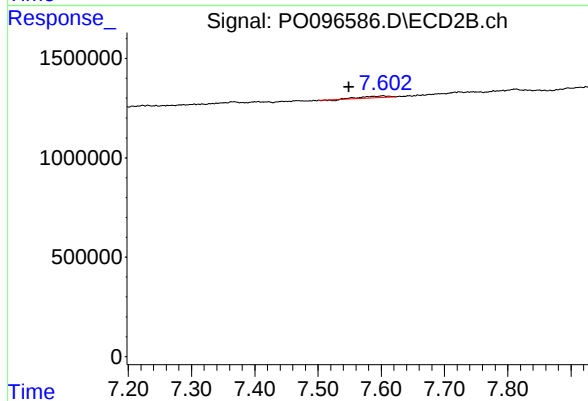
#37 AR-1262-2

R.T.: 6.997 min
Delta R.T.: -0.024 min
Response: 172692
Conc: 2.12 ng/ml



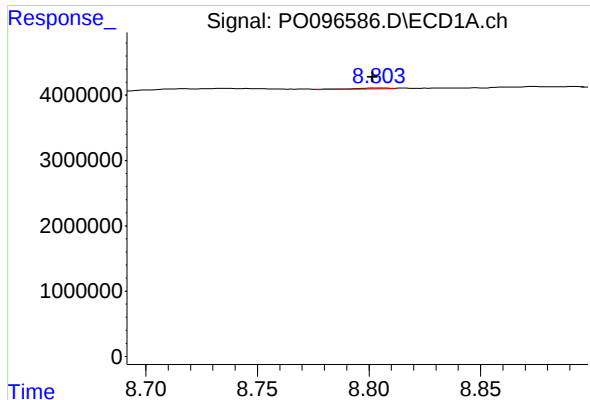
#38 AR-1262-3

R.T.: 8.718 min
Delta R.T.: 0.006 min
Response: 578831
Conc: 3.48 ng/ml



#38 AR-1262-3

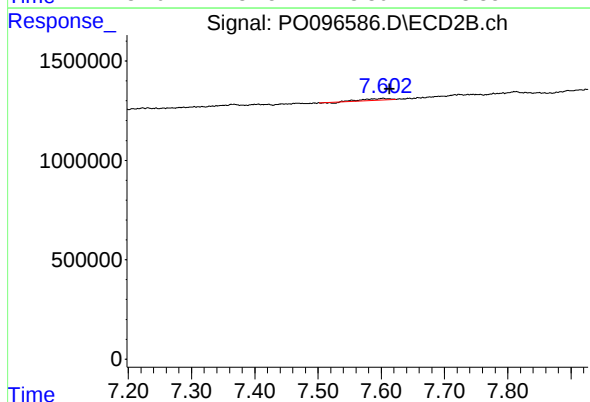
R.T.: 7.602 min
Delta R.T.: 0.053 min
Response: 193694
Conc: 3.03 ng/ml



#39 AR-1262-4

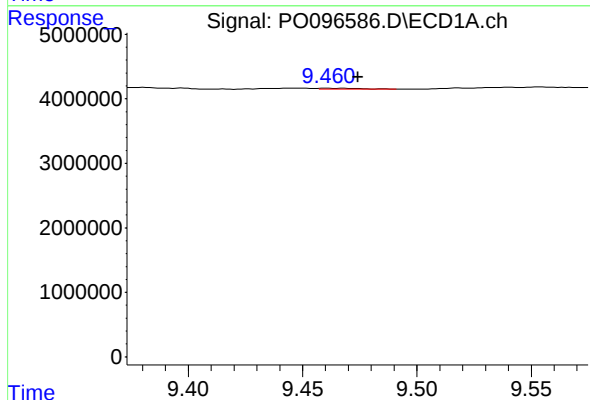
R.T.: 8.804 min
Delta R.T.: 0.003 min
Response: 186212
Conc: 1.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



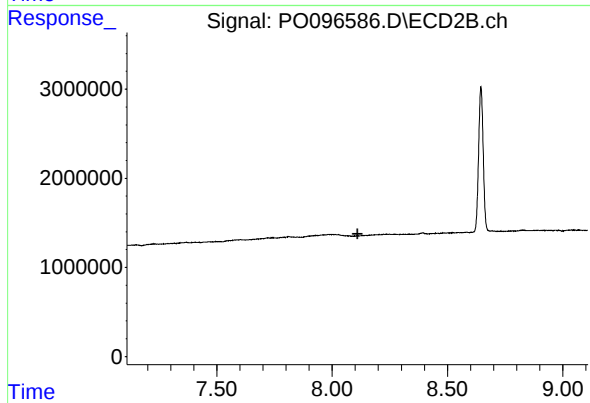
#39 AR-1262-4

R.T.: 7.602 min
Delta R.T.: -0.010 min
Response: 193694
Conc: 1.71 ng/ml



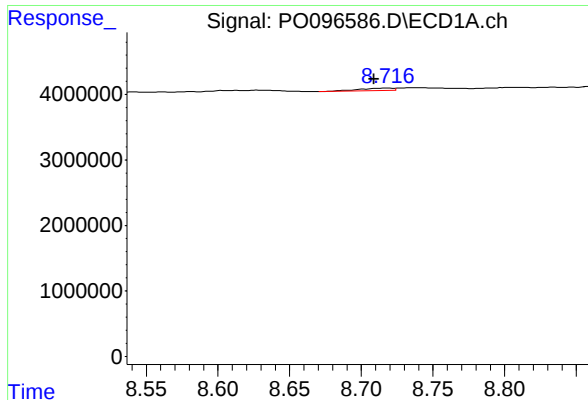
#40 AR-1262-5

R.T.: 9.461 min
Delta R.T.: -0.013 min
Response: 187135
Conc: 2.19 ng/ml



#40 AR-1262-5

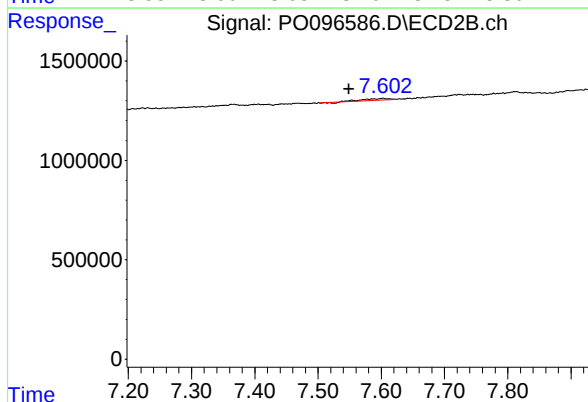
R.T.: 0.000 min
Exp R.T.: 8.110 min
Response: 0
Conc: N.D.



#41 AR-1268-1

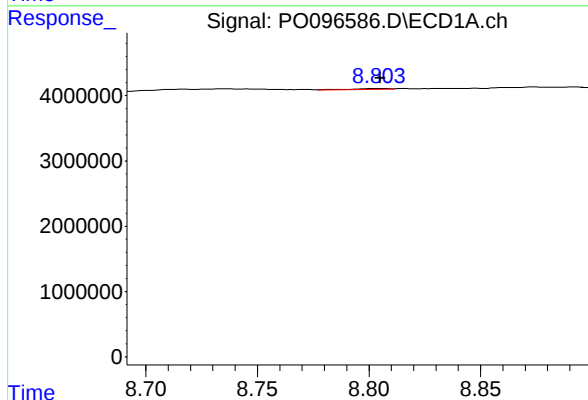
R.T.: 8.718 min
Delta R.T.: 0.009 min
Response: 578831
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



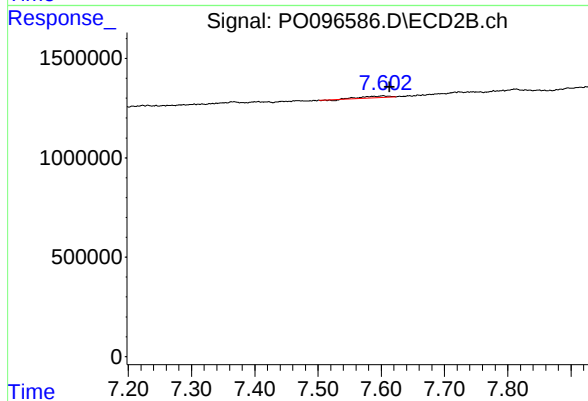
#41 AR-1268-1

R.T.: 7.602 min
Delta R.T.: 0.054 min
Response: 193694
Conc: 1.04 ng/ml



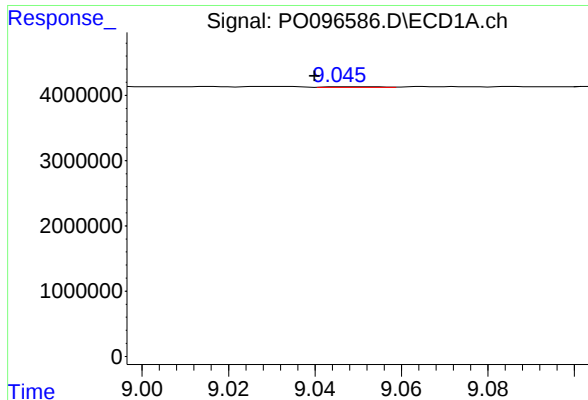
#42 AR-1268-2

R.T.: 8.804 min
Delta R.T.: 0.000 min
Response: 186212
Conc: 0.70 ng/ml



#42 AR-1268-2

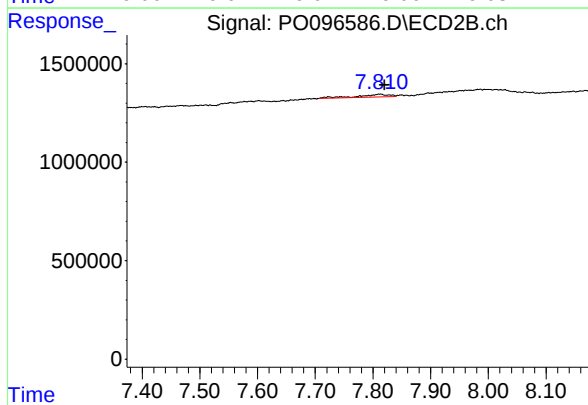
R.T.: 7.602 min
Delta R.T.: -0.011 min
Response: 193694
Conc: 1.15 ng/ml



#43 AR-1268-3

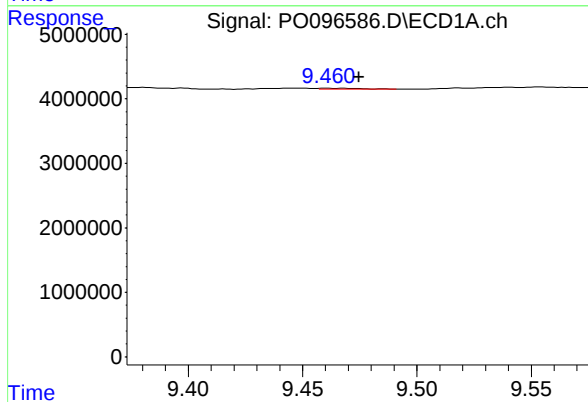
R.T.: 9.046 min
Delta R.T.: 0.006 min
Response: 90484
Conc: 0.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



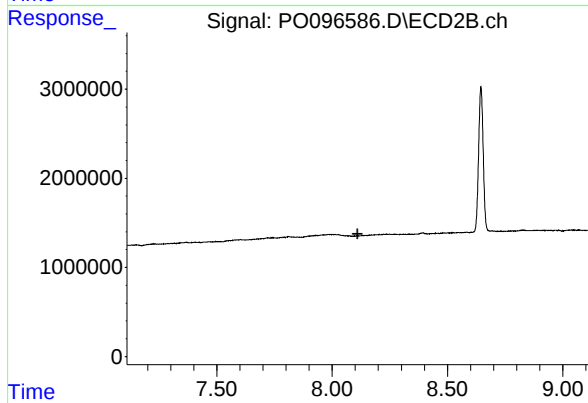
#43 AR-1268-3

R.T.: 7.812 min
Delta R.T.: -0.008 min
Response: 506755
Conc: 3.46 ng/ml



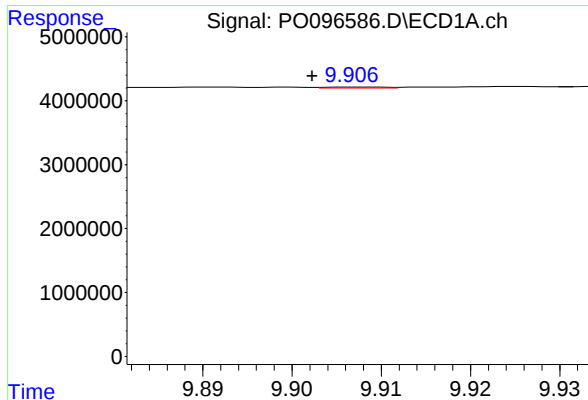
#44 AR-1268-4

R.T.: 9.461 min
Delta R.T.: -0.014 min
Response: 187135
Conc: 2.02 ng/ml



#44 AR-1268-4

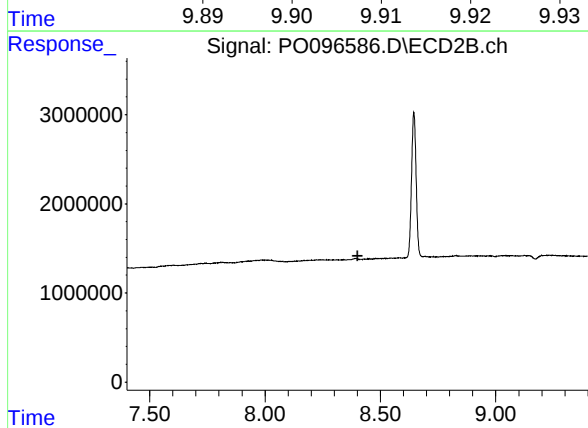
R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.907 min
Delta R.T.: 0.005 min
Response: 77002
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.401 min
Response: 0
Conc: N.D.