

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
 Data File : P0097163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 15:52
 Operator : YP/AJ
 Sample : 04022-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:19:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.412	3.616	64775166	26207201	19.568	19.797
2) SA Decachlor...	10.352	8.632	41473346	21282588	18.953	18.396
Target Compounds						
3) L1 AR-1016-1	5.582	0.000	83281	0	0.884	N.D. #
4) L1 AR-1016-2	5.606	0.000	50632	0	0.378	N.D. #
5) L1 AR-1016-3	5.689	0.000	99704	0	1.146	N.D. #
6) L1 AR-1016-4	5.770	0.000	19751	0	0.294	N.D. #
7) L1 AR-1016-5	6.124f	0.000	122860	0	1.760	N.D. #
8) L2 AR-1221-1	4.622	0.000	3014853	0	73.975	N.D. #
9) L2 AR-1221-2	4.722	3.921	890260	1571989	29.304	121.664 #
10) L2 AR-1221-3	4.766	0.000	46371	0	0.530	N.D. #
11) L3 AR-1232-1	4.766	0.000	46371	0	0.636	N.D. #
12) L3 AR-1232-2	5.339	0.000	142588	0	3.597	N.D. #
13) L3 AR-1232-3	5.606	0.000	50632	0	0.828	N.D. #
14) L3 AR-1232-4	5.770	0.000	19751	0	0.647	N.D. #
16) L4 AR-1242-1	5.582	0.000	83281	0	0.994	N.D. #
17) L4 AR-1242-2	5.606	0.000	50632	0	0.430	N.D. #
18) L4 AR-1242-3	5.689	0.000	99704	0	1.350	N.D. #
19) L4 AR-1242-4	5.770	0.000	19751	0	0.332	N.D. #
20) L4 AR-1242-5	6.515	5.490	84433	232223	1.535	6.373 #
21) L5 AR-1248-1	5.582	0.000	83281	0	1.421	N.D. #
23) L5 AR-1248-3	6.124f	0.000	122860	0	1.256	N.D. #
25) L5 AR-1248-5	6.515	5.576	84433	666968	0.959	14.266 #
26) L6 AR-1254-1	6.478	5.490	-53385	232223	N.D.	3.147 #
27) L6 AR-1254-2	6.661	5.594f	-115308	799851	N.D.	12.141 #
28) L6 AR-1254-3	7.075	6.074	973565	273704	6.213	2.708 #
29) L6 AR-1254-4	7.400f	6.228f	652915	180704	6.476	3.122 #
30) L6 AR-1254-5	7.796	6.703	980190	169225	8.735	1.925 #
31) L7 AR-1260-1	7.297f	6.228	1996165	180704	15.882	2.568 #
32) L7 AR-1260-2	0.000	6.362	0	306703	N.D.	3.675 #
33) L7 AR-1260-3	7.897	0.000	954754	0	9.200	N.D. #
34) L7 AR-1260-4	8.089	7.010	2608925	183925	23.335	2.870 #
35) L7 AR-1260-5	8.397	7.249	1859493	134086	8.856	0.967 #
36) L8 AR-1262-1	7.897	6.806	954754	89432	6.428	2.272 #
37) L8 AR-1262-2	8.397	7.010	1859493	183925	8.033	2.268 #
38) L8 AR-1262-3	8.815f	7.598f	1334778	332339	8.002	5.179 #
39) L8 AR-1262-4	8.870	7.598	613329	332339	8.412	2.926 #
40) L8 AR-1262-5	9.548	0.000	104874	0	1.259	N.D. #
41) L9 AR-1268-1	8.815f	7.598f	1334778	332339	4.342	1.794 #
42) L9 AR-1268-2	8.870	7.598	613329	332339	2.237	1.982
43) L9 AR-1268-3	9.106	7.853f	896735	108251	3.511	0.749 #
44) L9 AR-1268-4	9.548	0.000	104874	0	1.131	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
Data File : P0097163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2023 15:52
Operator : YP/AJ
Sample : 04022-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 17 01:19:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 08 04:34:41 2023
Response via : Initial Calibration
Integrator: ChemStation

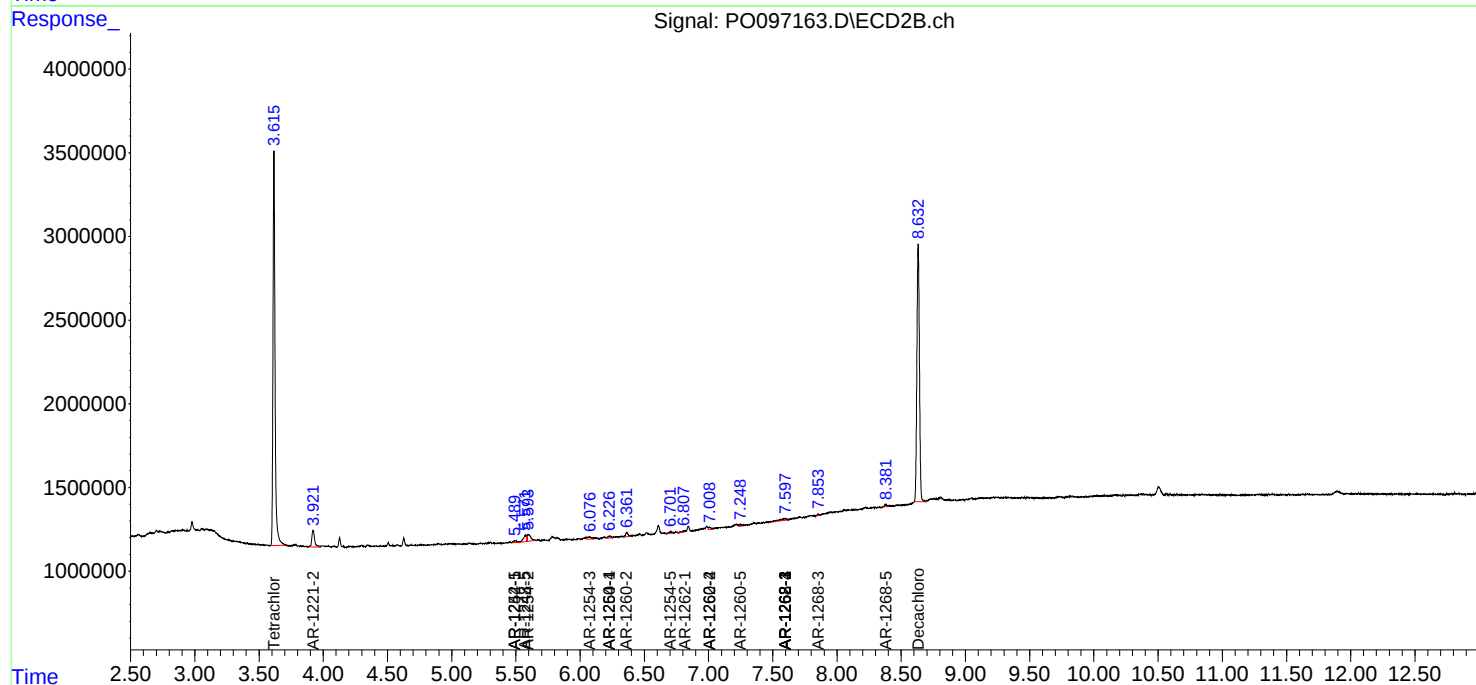
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

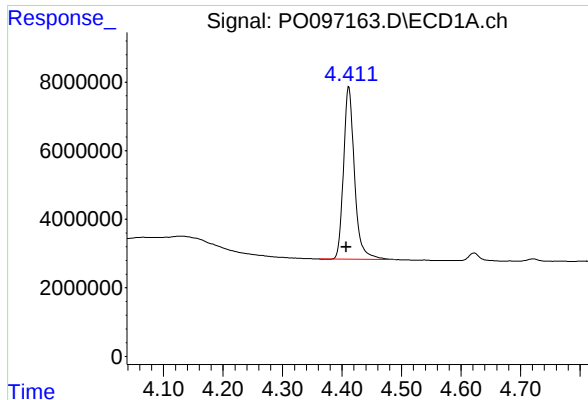
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	10.002	8.382	253361	138164	0.314	0.332

(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

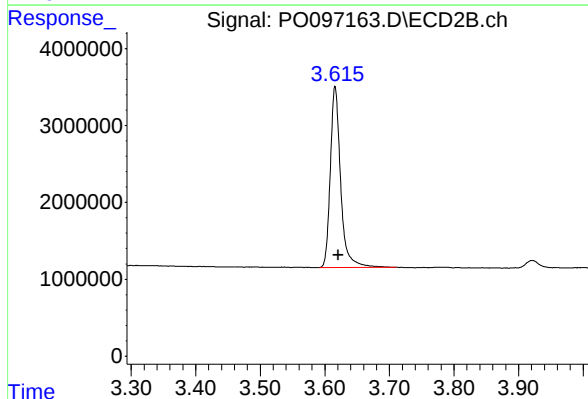




#1 Tetrachloro-m-xylene

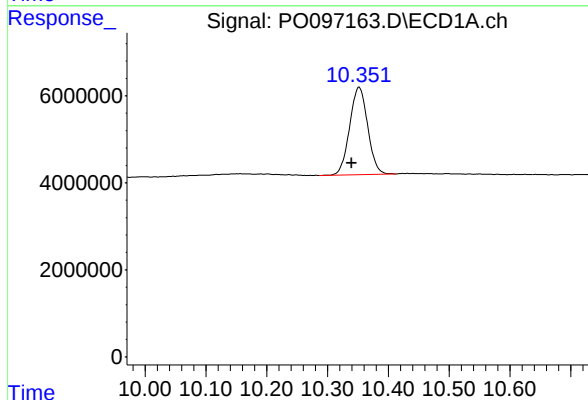
R.T.: 4.412 min
Delta R.T.: 0.005 min
Response: 64775166
Conc: 19.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



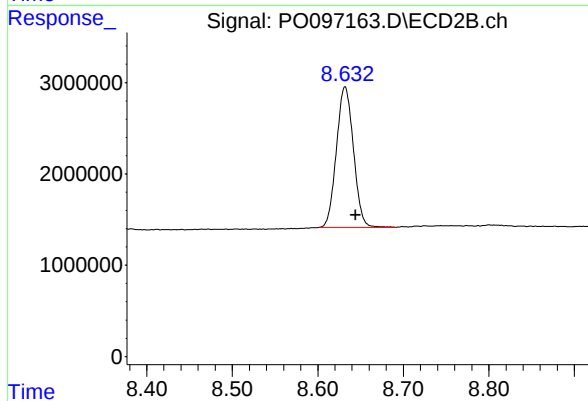
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.005 min
Response: 26207201
Conc: 19.80 ng/ml



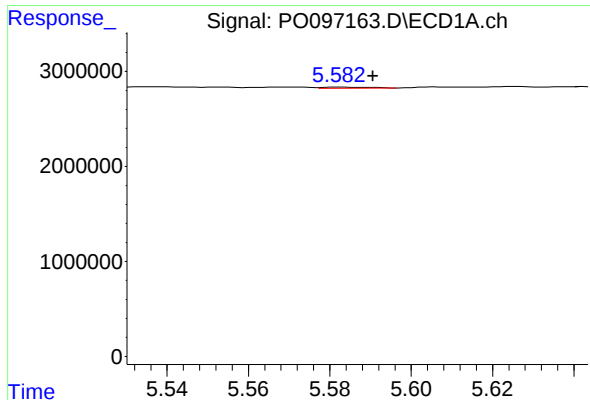
#2 Decachlorobiphenyl

R.T.: 10.352 min
Delta R.T.: 0.012 min
Response: 41473346
Conc: 18.95 ng/ml



#2 Decachlorobiphenyl

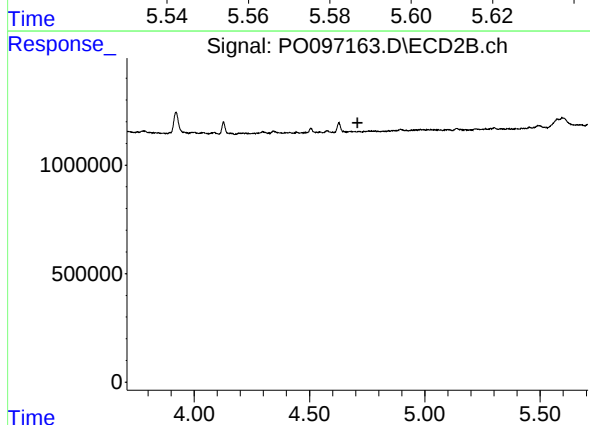
R.T.: 8.632 min
Delta R.T.: -0.012 min
Response: 21282588
Conc: 18.40 ng/ml



#3 AR-1016-1

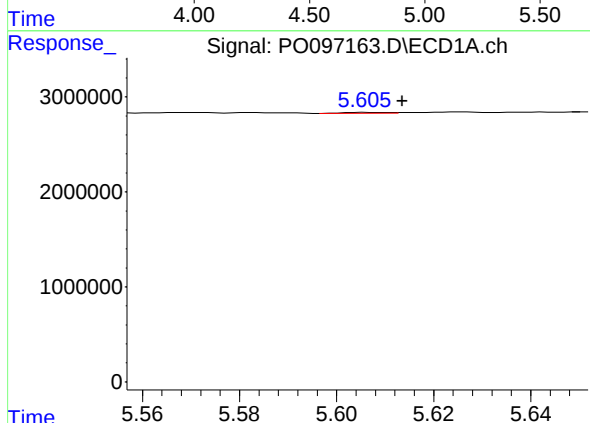
R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 83281
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



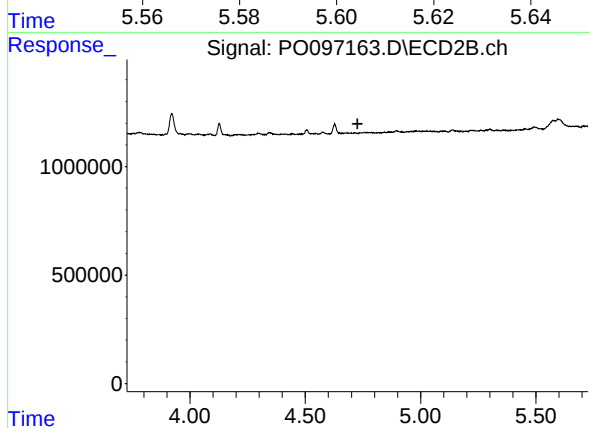
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



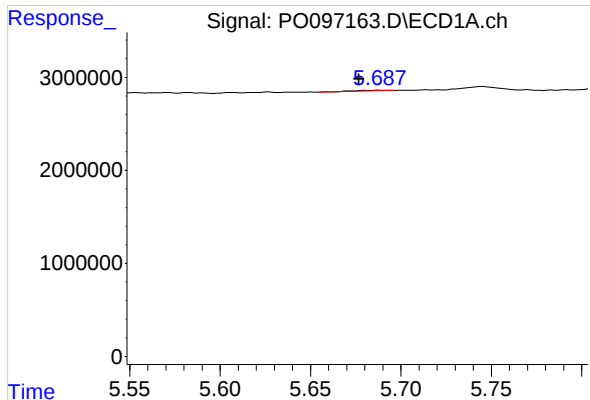
#4 AR-1016-2

R.T.: 5.606 min
Delta R.T.: -0.007 min
Response: 50632
Conc: 0.38 ng/ml



#4 AR-1016-2

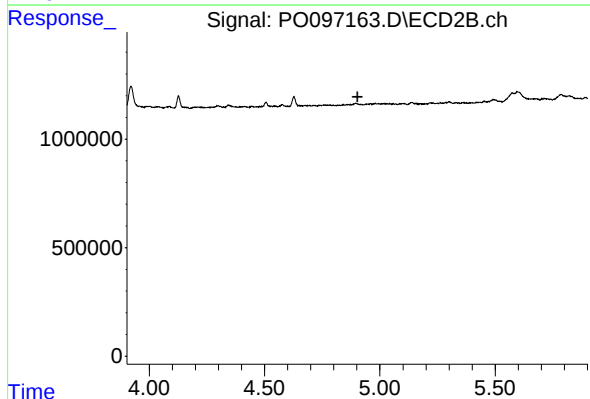
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

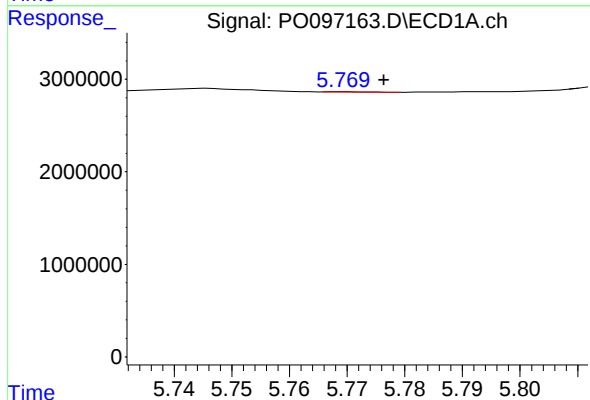
R.T.: 5.689 min
Delta R.T.: 0.012 min
Response: 99704
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



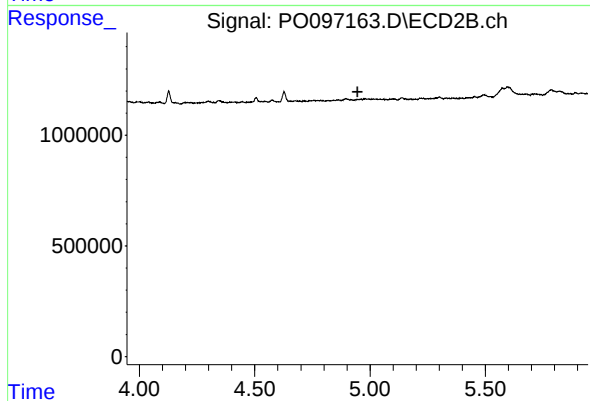
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



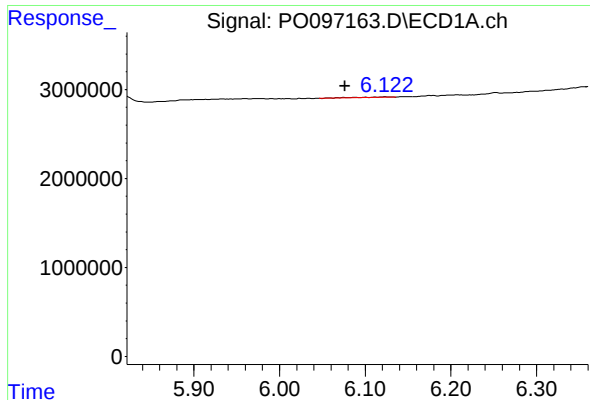
#6 AR-1016-4

R.T.: 5.770 min
Delta R.T.: -0.007 min
Response: 19751
Conc: 0.29 ng/ml



#6 AR-1016-4

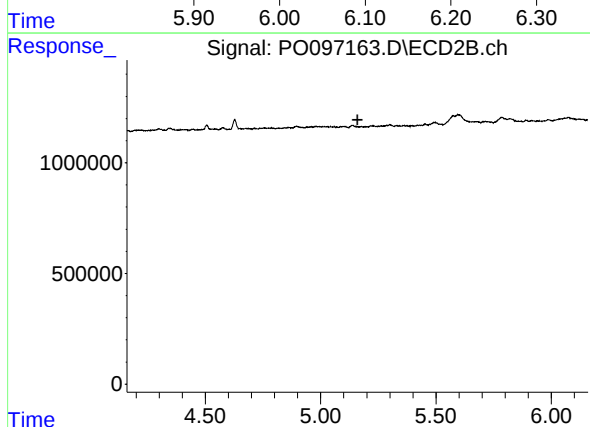
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#7 AR-1016-5

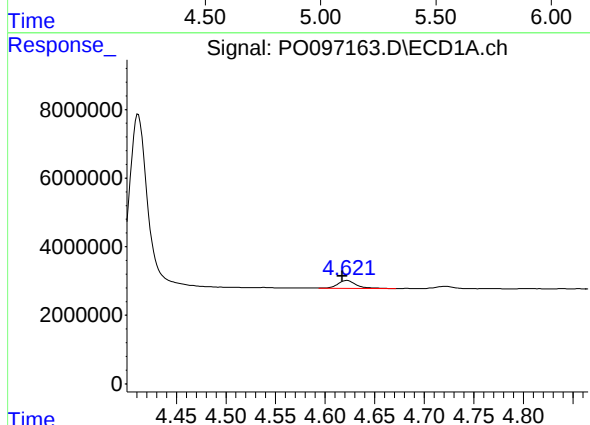
R.T.: 6.124 min
Delta R.T.: 0.047 min
Response: 122860
Conc: 1.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



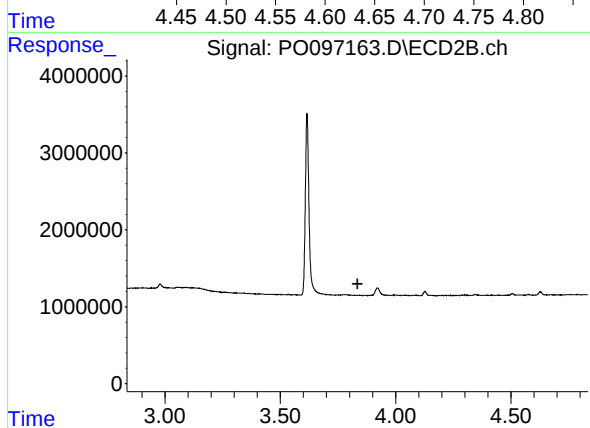
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



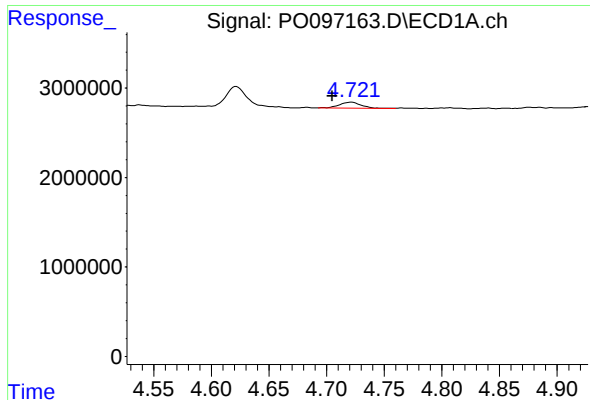
#8 AR-1221-1

R.T.: 4.622 min
Delta R.T.: 0.004 min
Response: 3014853
Conc: 73.97 ng/ml



#8 AR-1221-1

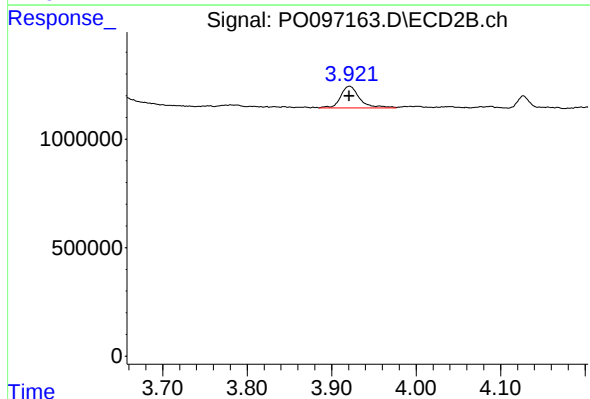
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

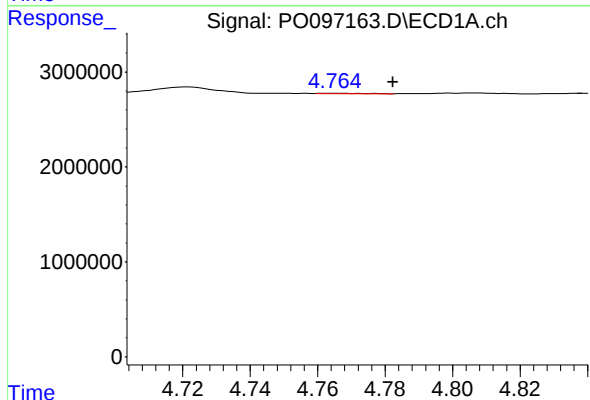
R.T.: 4.722 min
Delta R.T.: 0.017 min
Response: 890260
Conc: 29.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



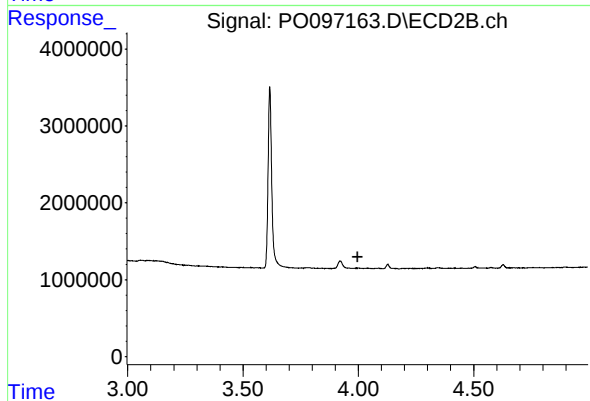
#9 AR-1221-2

R.T.: 3.921 min
Delta R.T.: 0.000 min
Response: 1571989
Conc: 121.66 ng/ml



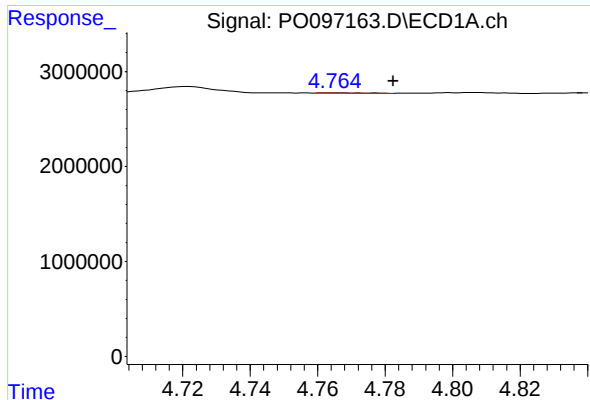
#10 AR-1221-3

R.T.: 4.766 min
Delta R.T.: -0.017 min
Response: 46371
Conc: 0.53 ng/ml



#10 AR-1221-3

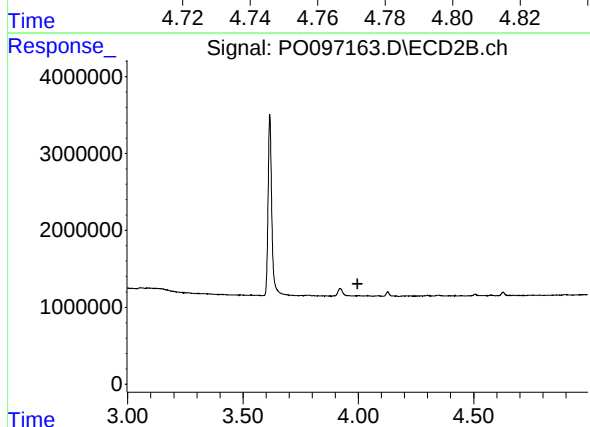
R.T.: 0.000 min
Exp R.T. : 3.997 min
Response: 0
Conc: N.D.



#11 AR-1232-1

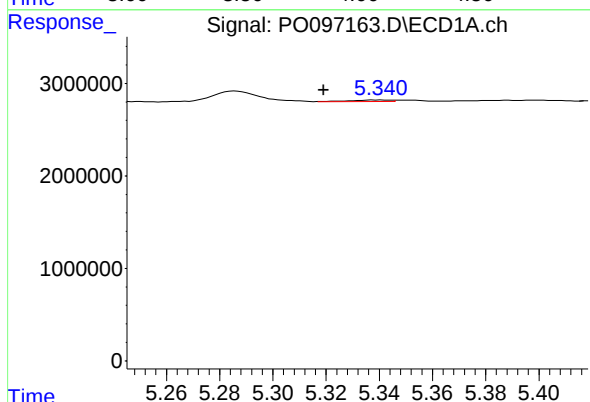
R.T.: 4.766 min
Delta R.T.: -0.017 min
Response: 46371
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



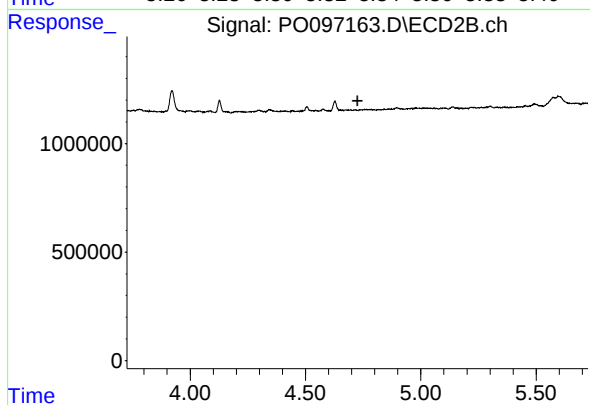
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.996 min
Response: 0
Conc: N.D.



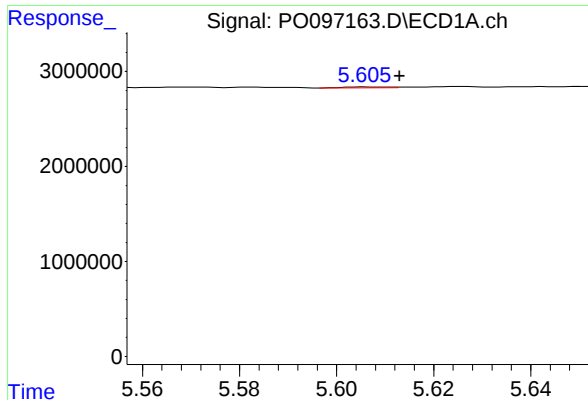
#12 AR-1232-2

R.T.: 5.339 min
Delta R.T.: 0.020 min
Response: 142588
Conc: 3.60 ng/ml



#12 AR-1232-2

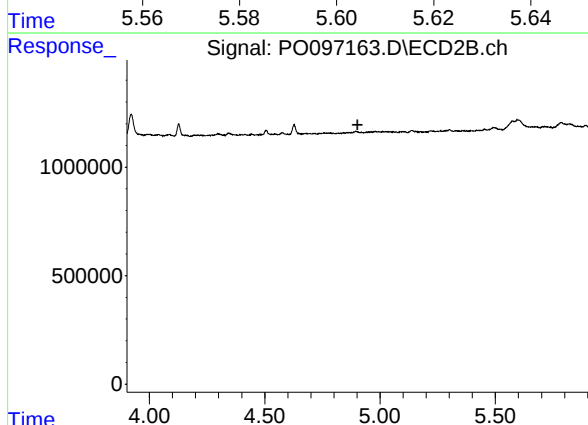
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

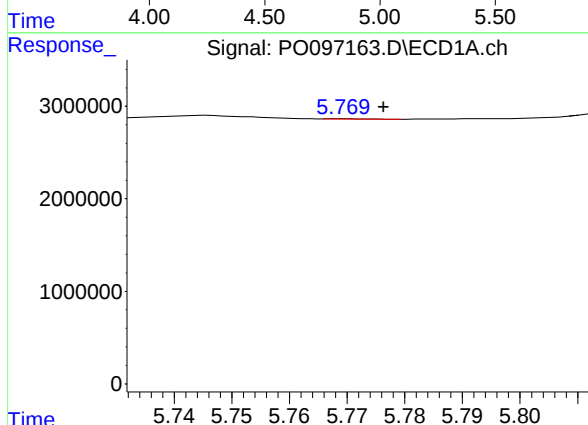
R.T.: 5.606 min
Delta R.T.: -0.007 min
Response: 50632
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



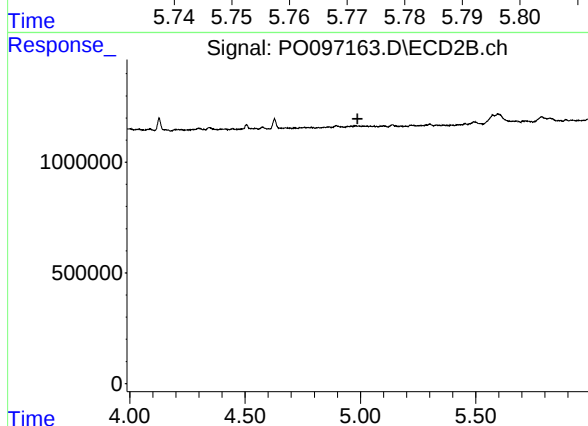
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.902 min
Response: 0
Conc: N.D.



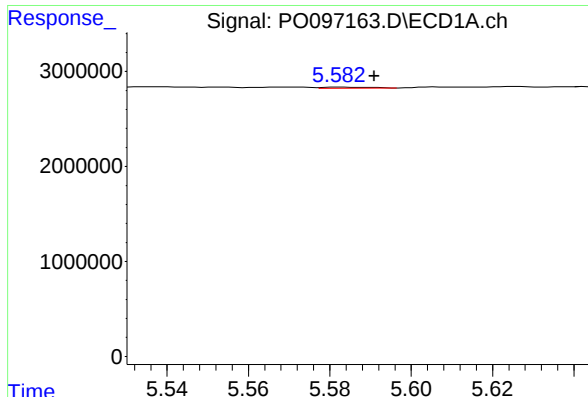
#14 AR-1232-4

R.T.: 5.770 min
Delta R.T.: -0.007 min
Response: 19751
Conc: 0.65 ng/ml



#14 AR-1232-4

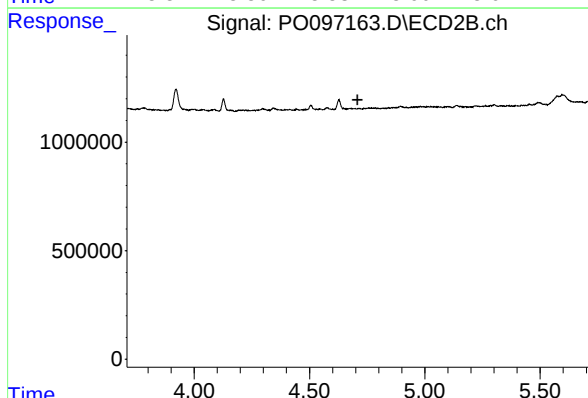
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#16 AR-1242-1

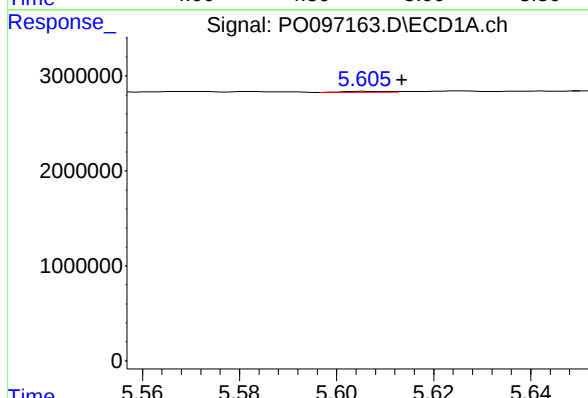
R.T.: 5.582 min
Delta R.T.: -0.009 min
Response: 83281
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



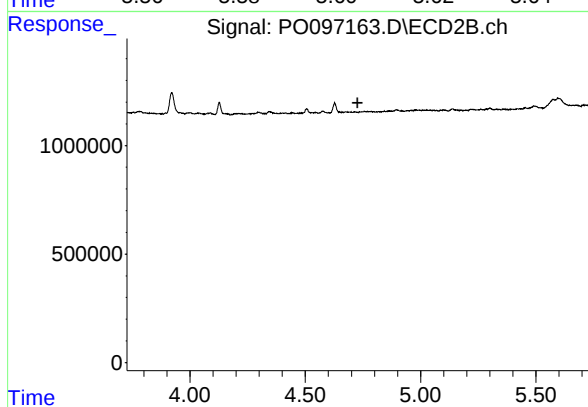
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



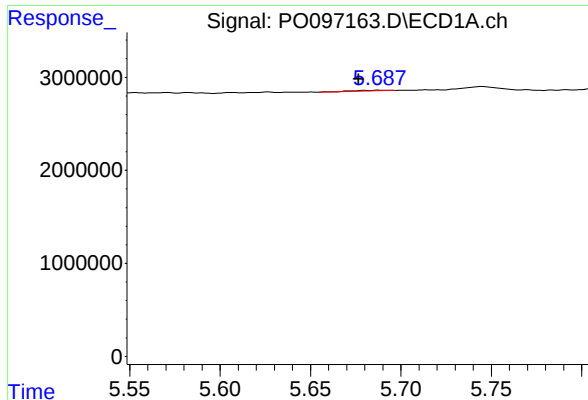
#17 AR-1242-2

R.T.: 5.606 min
Delta R.T.: -0.007 min
Response: 50632
Conc: 0.43 ng/ml



#17 AR-1242-2

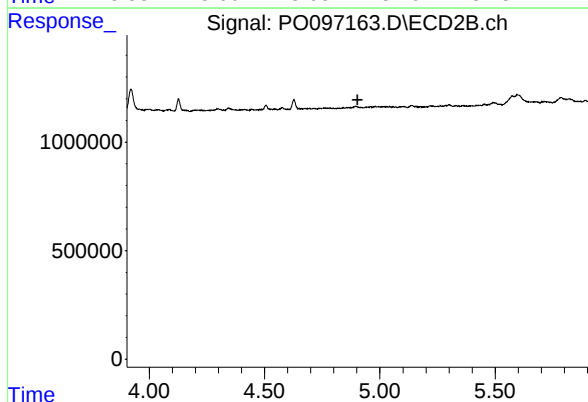
R.T.: 0.000 min
Exp R.T. : 4.727 min
Response: 0
Conc: N.D.



#18 AR-1242-3

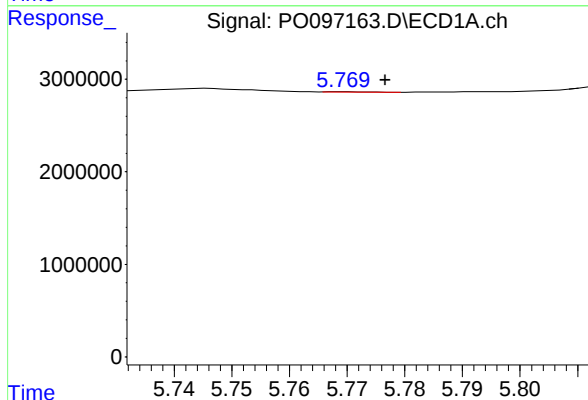
R.T.: 5.689 min
Delta R.T.: 0.012 min
Response: 99704
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



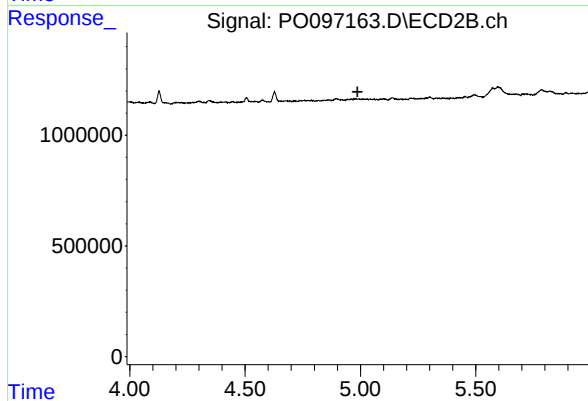
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



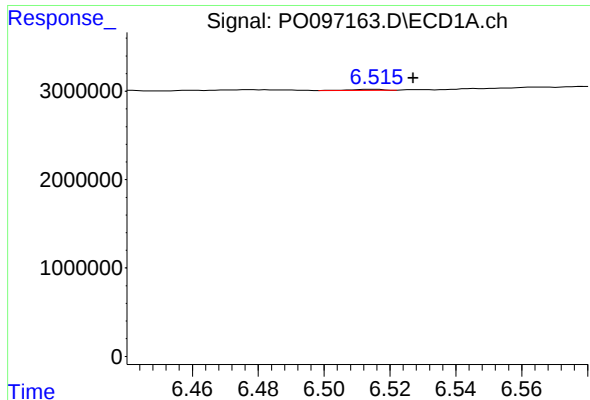
#19 AR-1242-4

R.T.: 5.770 min
Delta R.T.: -0.007 min
Response: 19751
Conc: 0.33 ng/ml



#19 AR-1242-4

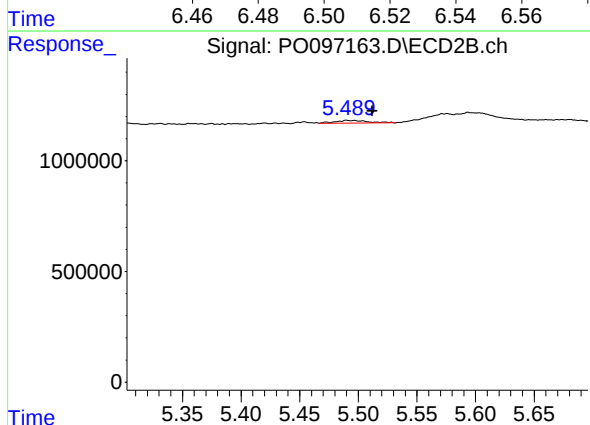
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#20 AR-1242-5

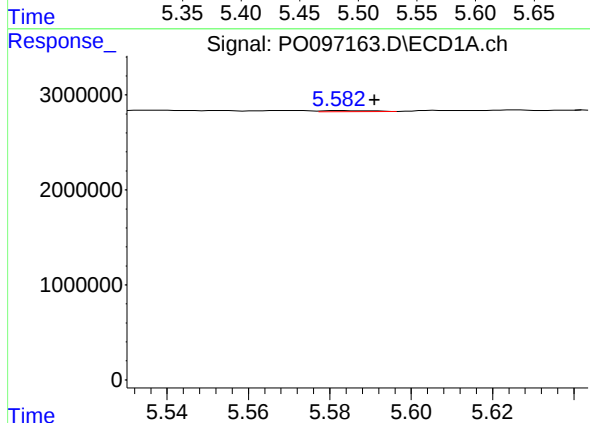
R.T.: 6.515 min
Delta R.T.: -0.012 min
Response: 84433
Conc: 1.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



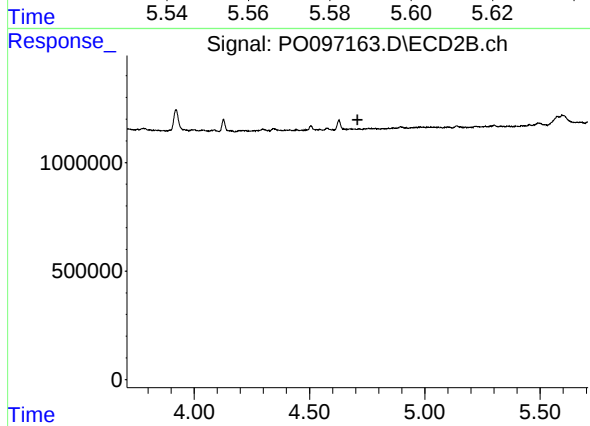
#20 AR-1242-5

R.T.: 5.490 min
Delta R.T.: -0.022 min
Response: 232223
Conc: 6.37 ng/ml



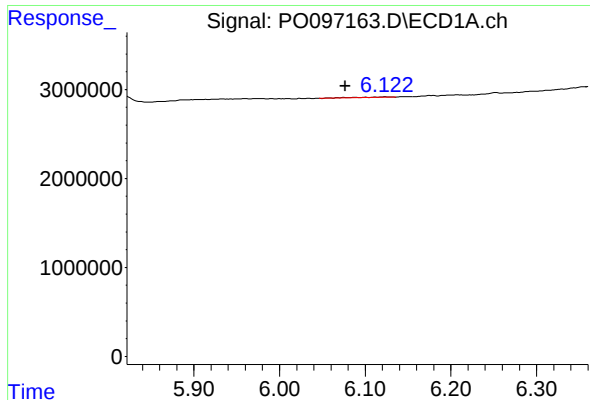
#21 AR-1248-1

R.T.: 5.582 min
Delta R.T.: -0.009 min
Response: 83281
Conc: 1.42 ng/ml



#21 AR-1248-1

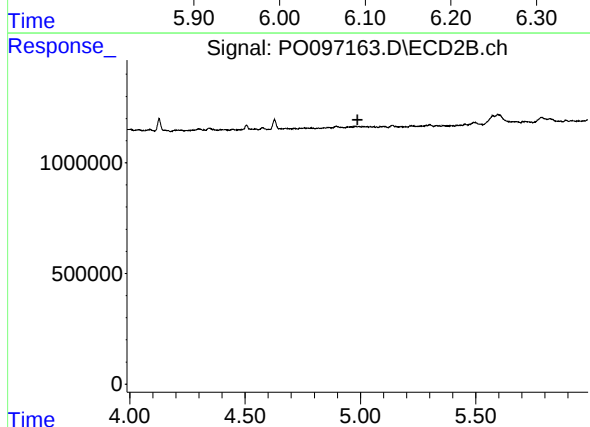
R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.



#23 AR-1248-3

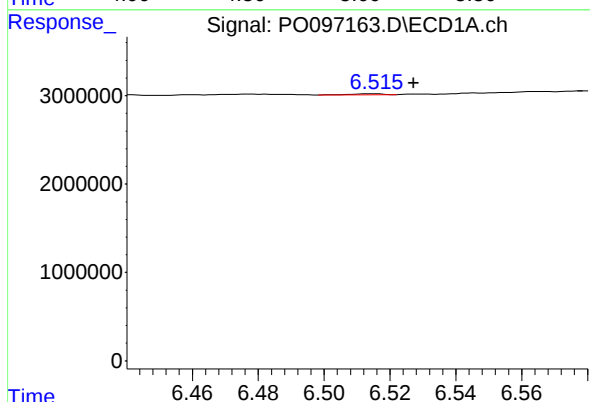
R.T.: 6.124 min
Delta R.T.: 0.047 min
Response: 122860
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



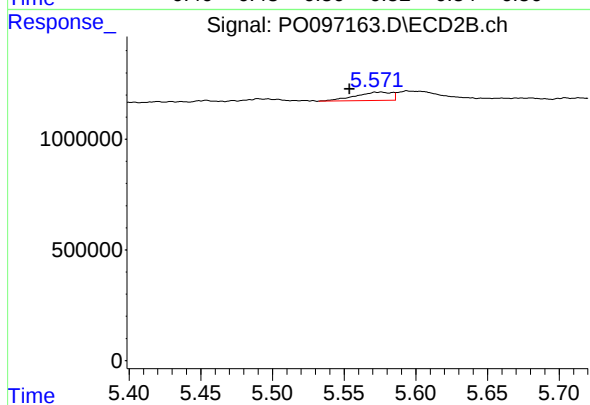
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 4.987 min
Response: 0
Conc: N.D.



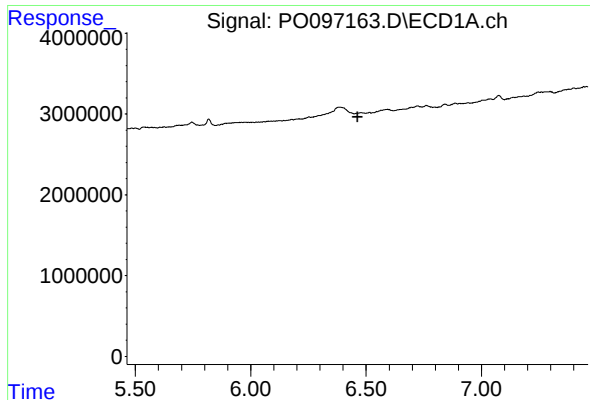
#25 AR-1248-5

R.T.: 6.515 min
Delta R.T.: -0.013 min
Response: 84433
Conc: 0.96 ng/ml



#25 AR-1248-5

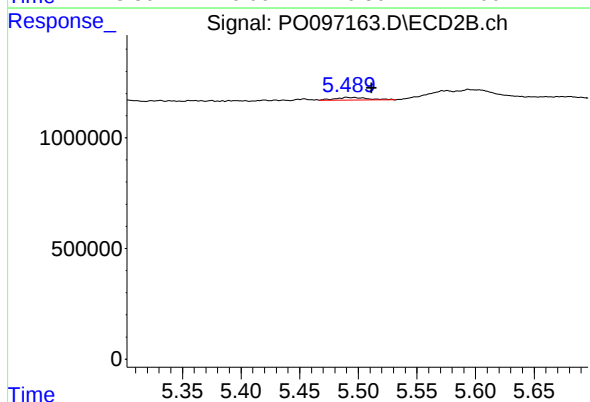
R.T.: 5.576 min
Delta R.T.: 0.022 min
Response: 666968
Conc: 14.27 ng/ml



#26 AR-1254-1

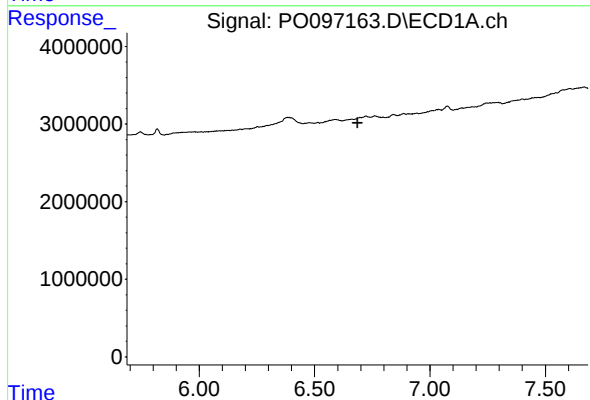
R.T.: 6.478 min
Delta R.T.: 0.015 min
Response: -53385
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



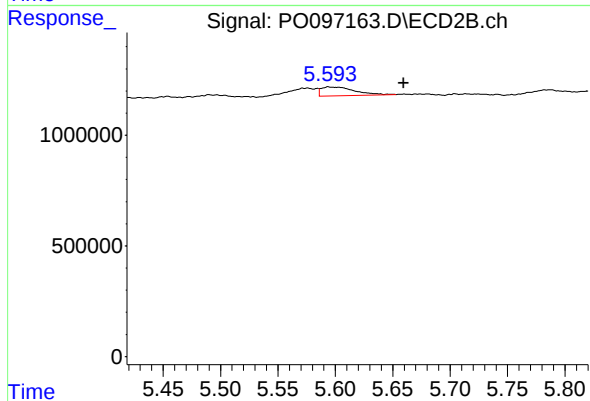
#26 AR-1254-1

R.T.: 5.490 min
Delta R.T.: -0.021 min
Response: 232223
Conc: 3.15 ng/ml



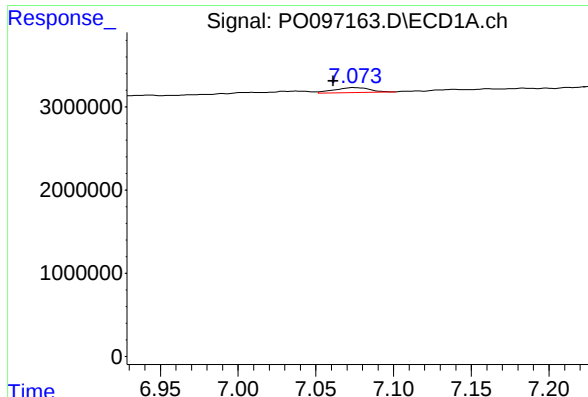
#27 AR-1254-2

R.T.: 6.661 min
Delta R.T.: -0.025 min
Response: -115308
Conc: N.D.



#27 AR-1254-2

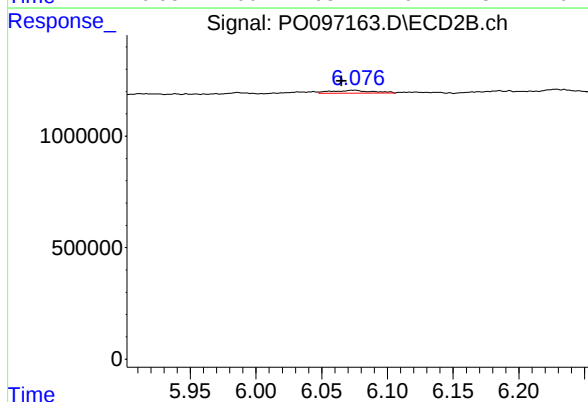
R.T.: 5.594 min
Delta R.T.: -0.065 min
Response: 799851
Conc: 12.14 ng/ml



#28 AR-1254-3

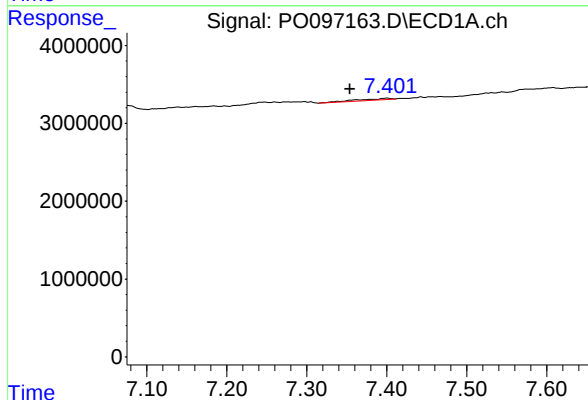
R.T.: 7.075 min
Delta R.T.: 0.014 min
Response: 973565
Conc: 6.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



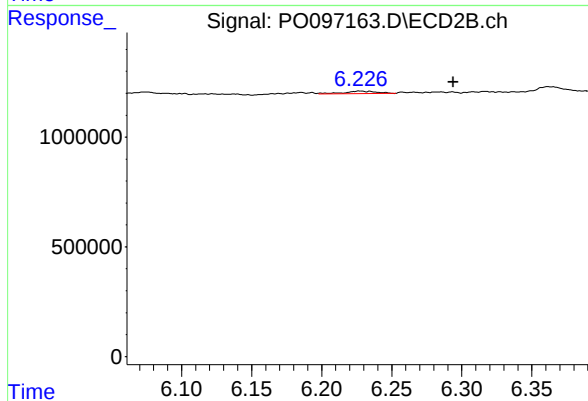
#28 AR-1254-3

R.T.: 6.074 min
Delta R.T.: 0.009 min
Response: 273704
Conc: 2.71 ng/ml



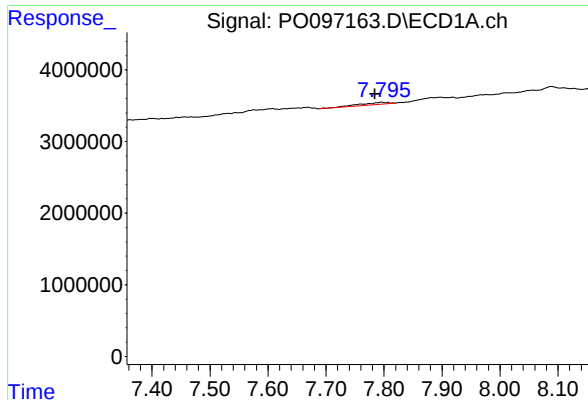
#29 AR-1254-4

R.T.: 7.400 min
Delta R.T.: 0.046 min
Response: 652915
Conc: 6.48 ng/ml



#29 AR-1254-4

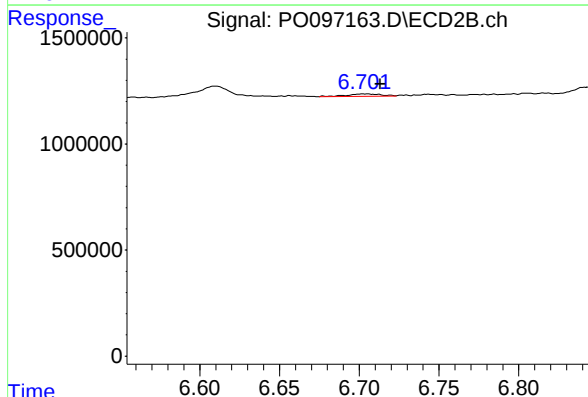
R.T.: 6.228 min
Delta R.T.: -0.066 min
Response: 180704
Conc: 3.12 ng/ml



#30 AR-1254-5

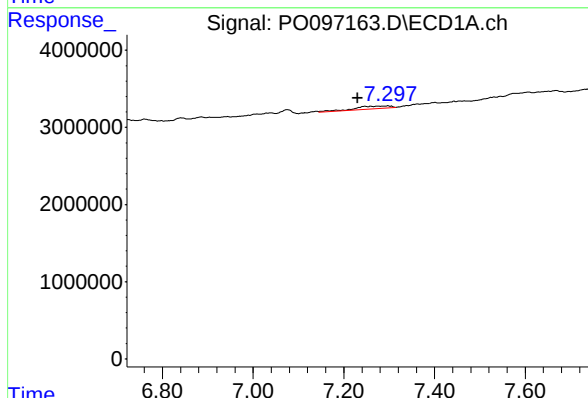
R.T.: 7.796 min
Delta R.T.: 0.011 min
Response: 980190
Conc: 8.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



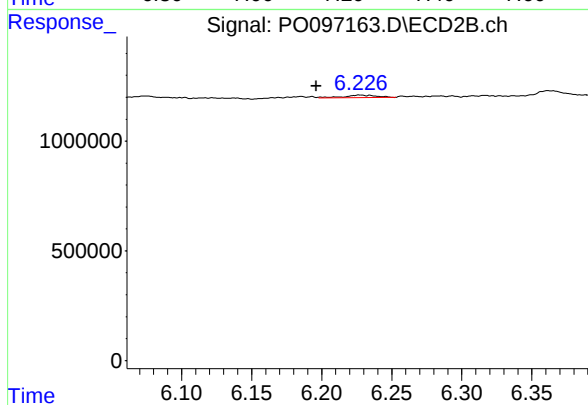
#30 AR-1254-5

R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 169225
Conc: 1.92 ng/ml



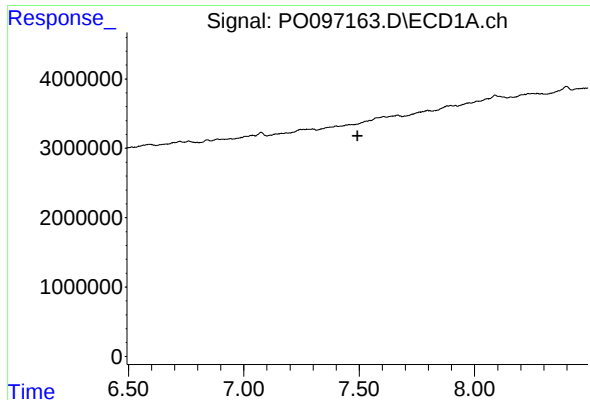
#31 AR-1260-1

R.T.: 7.297 min
Delta R.T.: 0.067 min
Response: 1996165
Conc: 15.88 ng/ml



#31 AR-1260-1

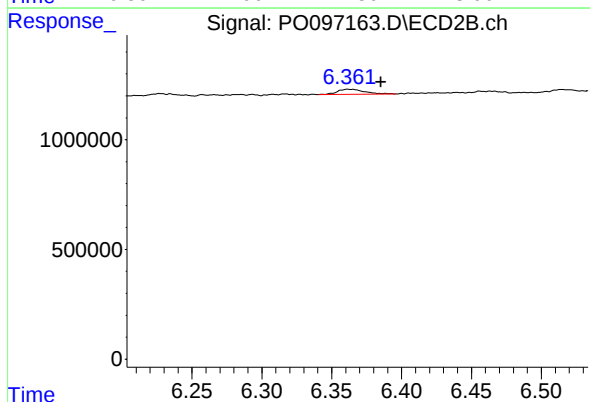
R.T.: 6.228 min
Delta R.T.: 0.032 min
Response: 180704
Conc: 2.57 ng/ml



#32 AR-1260-2

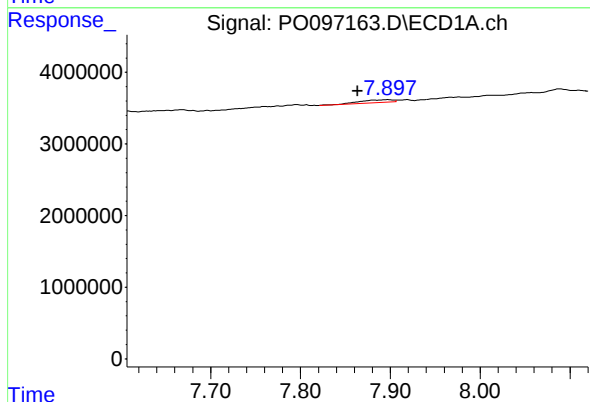
R.T.: 0.000 min
Exp R.T.: 7.493 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



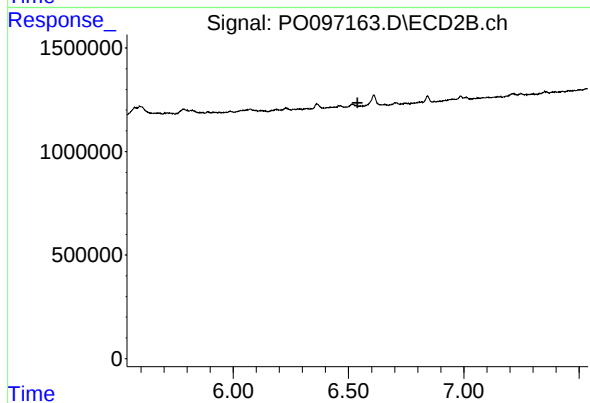
#32 AR-1260-2

R.T.: 6.362 min
Delta R.T.: -0.023 min
Response: 306703
Conc: 3.67 ng/ml



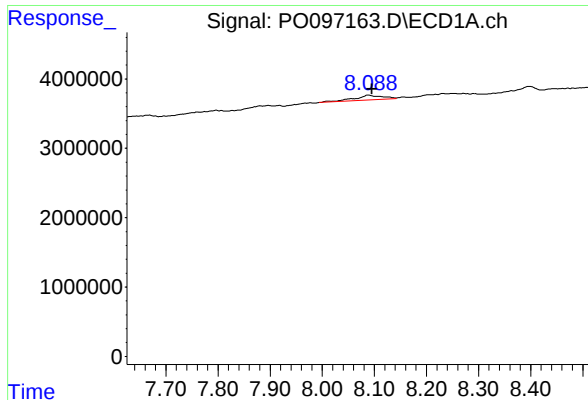
#33 AR-1260-3

R.T.: 7.897 min
Delta R.T.: 0.033 min
Response: 954754
Conc: 9.20 ng/ml



#33 AR-1260-3

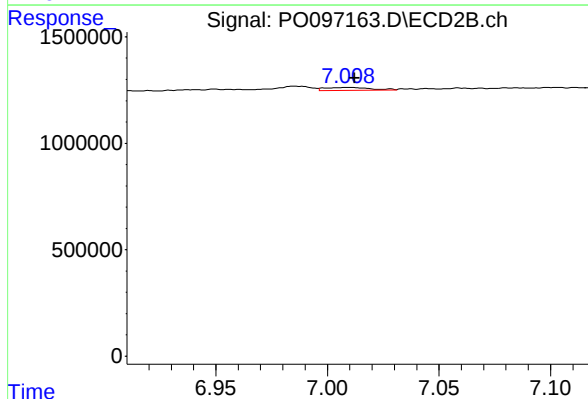
R.T.: 0.000 min
Exp R.T.: 6.539 min
Response: 0
Conc: N.D.



#34 AR-1260-4

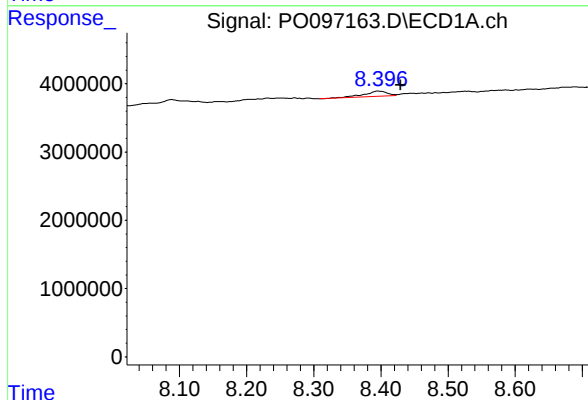
R.T.: 8.089 min
Delta R.T.: -0.007 min
Response: 2608925
Conc: 23.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



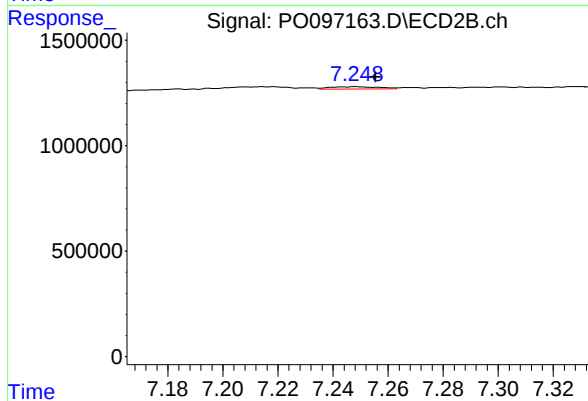
#34 AR-1260-4

R.T.: 7.010 min
Delta R.T.: -0.002 min
Response: 183925
Conc: 2.87 ng/ml



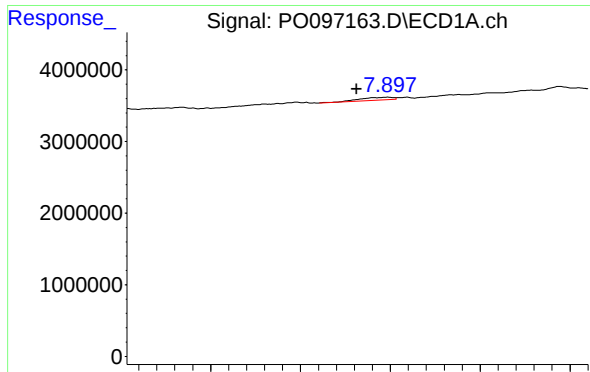
#35 AR-1260-5

R.T.: 8.397 min
Delta R.T.: -0.032 min
Response: 1859493
Conc: 8.86 ng/ml



#35 AR-1260-5

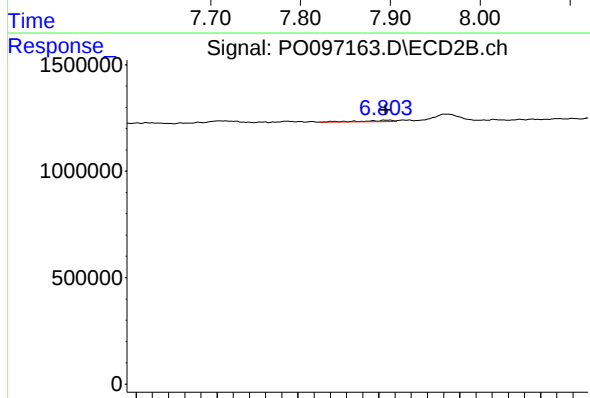
R.T.: 7.249 min
Delta R.T.: -0.007 min
Response: 134086
Conc: 0.97 ng/ml



#36 AR-1262-1

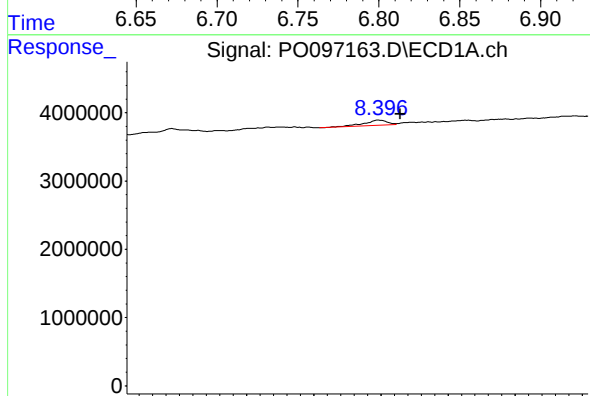
R.T.: 7.897 min
Delta R.T.: 0.034 min
Response: 954754
Conc: 6.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



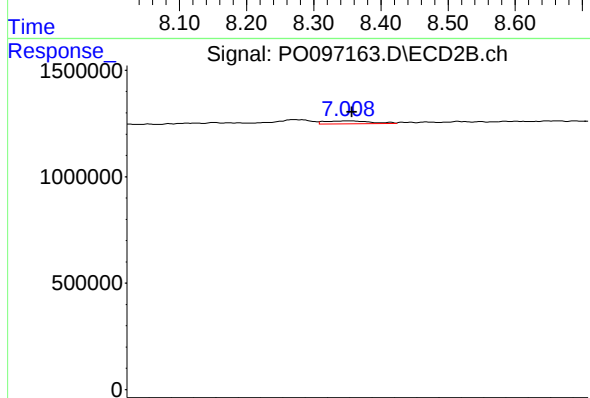
#36 AR-1262-1

R.T.: 6.806 min
Delta R.T.: 0.001 min
Response: 89432
Conc: 2.27 ng/ml



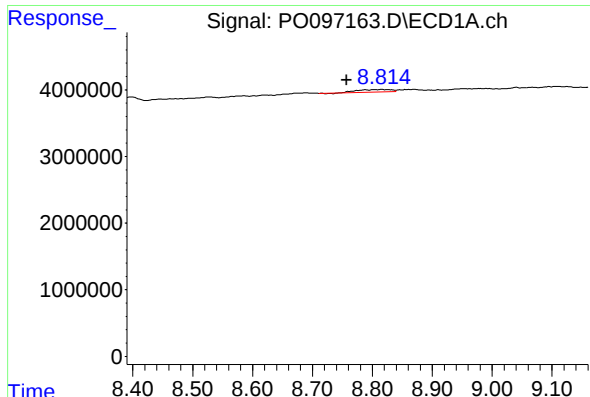
#37 AR-1262-2

R.T.: 8.397 min
Delta R.T.: -0.032 min
Response: 1859493
Conc: 8.03 ng/ml



#37 AR-1262-2

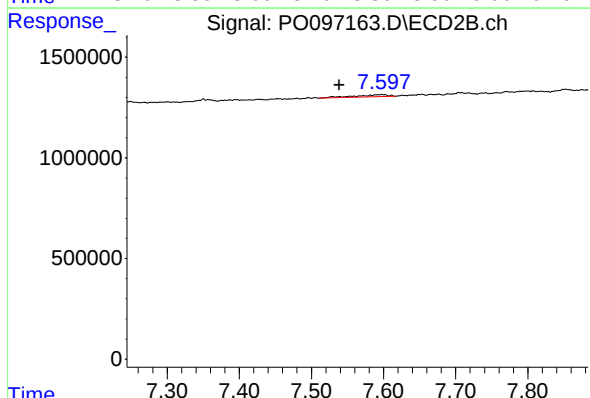
R.T.: 7.010 min
Delta R.T.: -0.001 min
Response: 183925
Conc: 2.27 ng/ml



#38 AR-1262-3

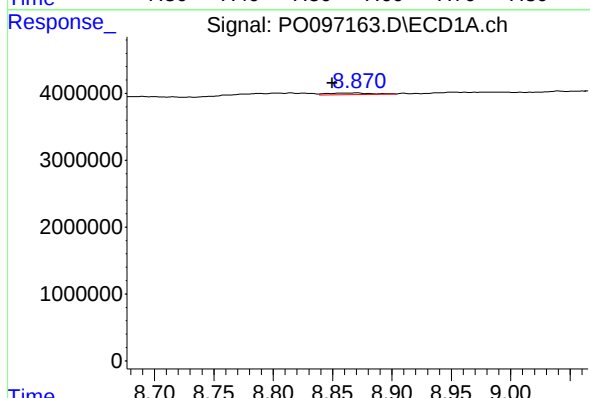
R.T.: 8.815 min
Delta R.T.: 0.059 min
Response: 1334778
Conc: 8.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



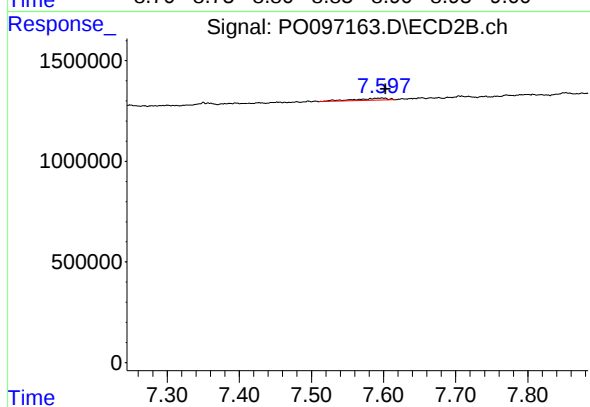
#38 AR-1262-3

R.T.: 7.598 min
Delta R.T.: 0.059 min
Response: 332339
Conc: 5.18 ng/ml



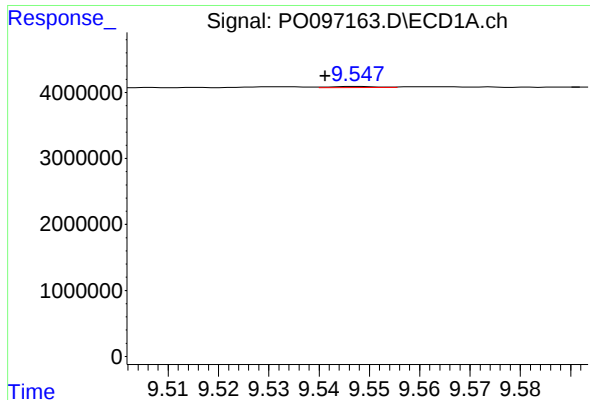
#39 AR-1262-4

R.T.: 8.870 min
Delta R.T.: 0.020 min
Response: 613329
Conc: 8.41 ng/ml



#39 AR-1262-4

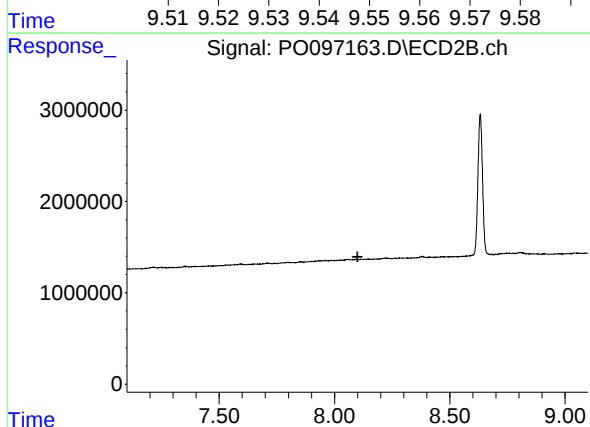
R.T.: 7.598 min
Delta R.T.: -0.005 min
Response: 332339
Conc: 2.93 ng/ml



#40 AR-1262-5

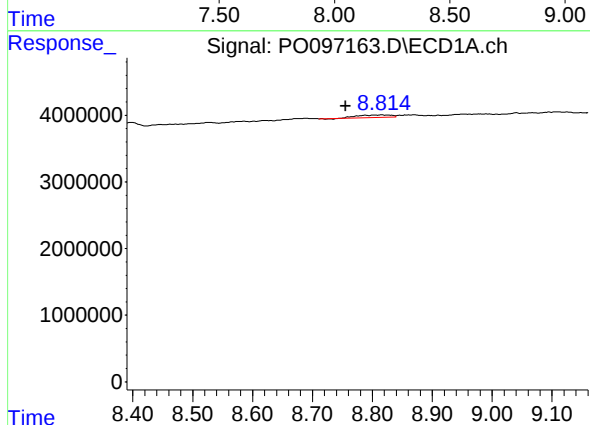
R.T.: 9.548 min
Delta R.T.: 0.007 min
Response: 104874
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



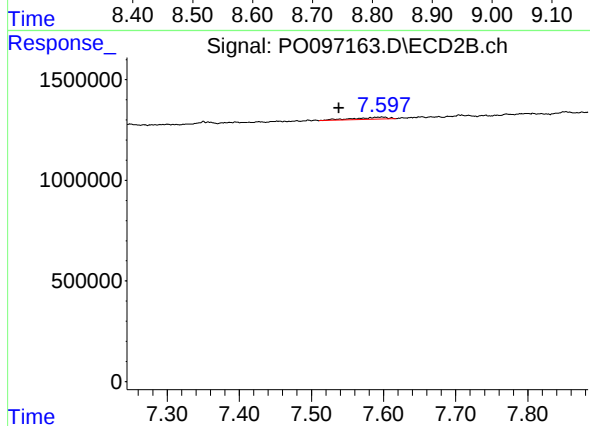
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.099 min
Response: 0
Conc: N.D.



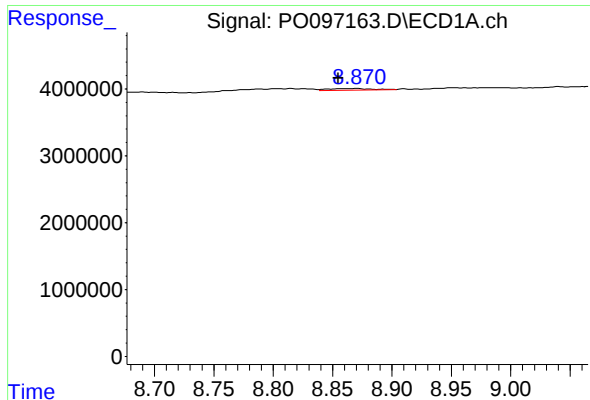
#41 AR-1268-1

R.T.: 8.815 min
Delta R.T.: 0.060 min
Response: 1334778
Conc: 4.34 ng/ml



#41 AR-1268-1

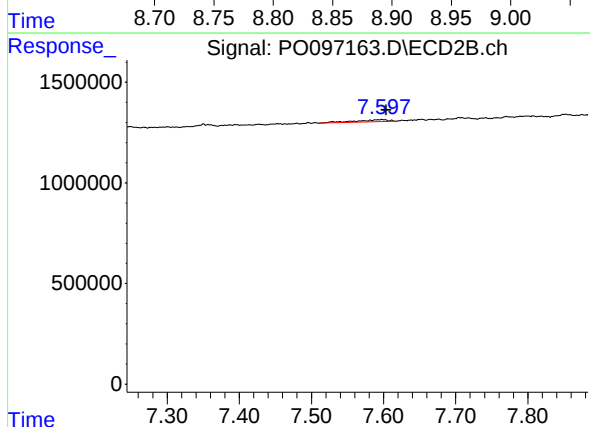
R.T.: 7.598 min
Delta R.T.: 0.060 min
Response: 332339
Conc: 1.79 ng/ml



#42 AR-1268-2

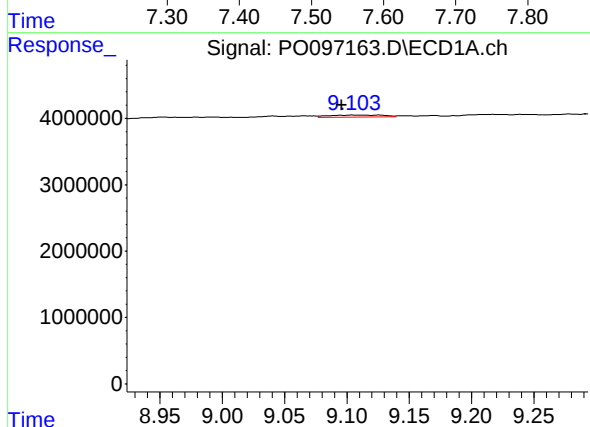
R.T.: 8.870 min
Delta R.T.: 0.015 min
Response: 613329
Conc: 2.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



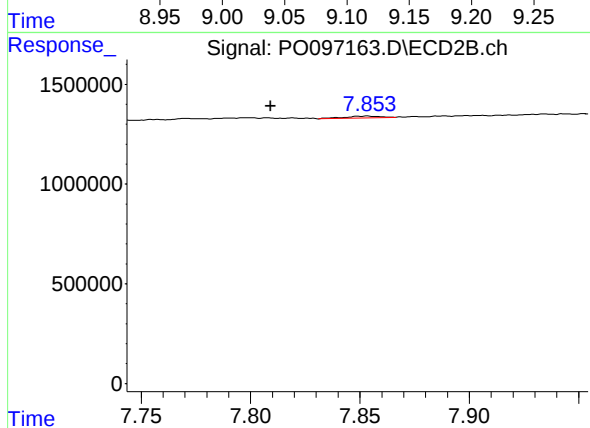
#42 AR-1268-2

R.T.: 7.598 min
Delta R.T.: -0.006 min
Response: 332339
Conc: 1.98 ng/ml



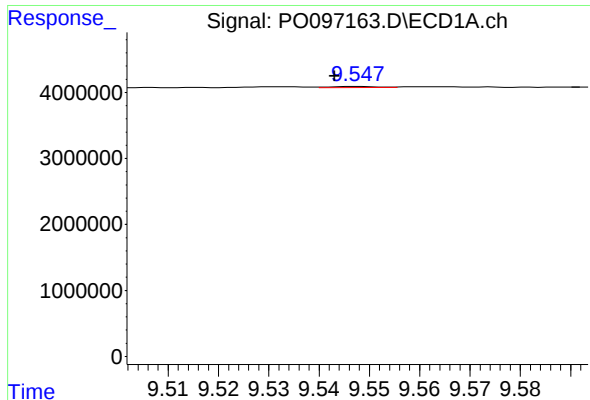
#43 AR-1268-3

R.T.: 9.106 min
Delta R.T.: 0.010 min
Response: 896735
Conc: 3.51 ng/ml



#43 AR-1268-3

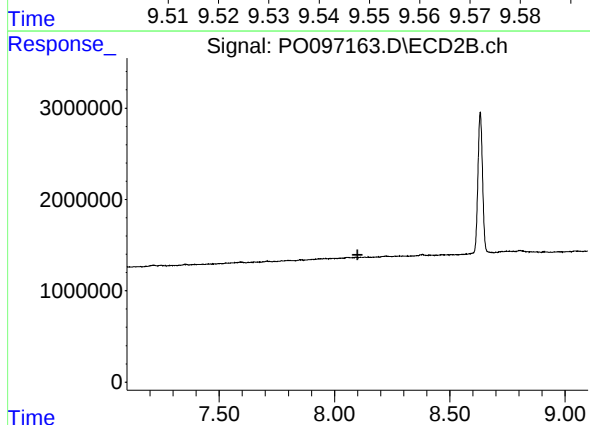
R.T.: 7.853 min
Delta R.T.: 0.044 min
Response: 108251
Conc: 0.75 ng/ml



#44 AR-1268-4

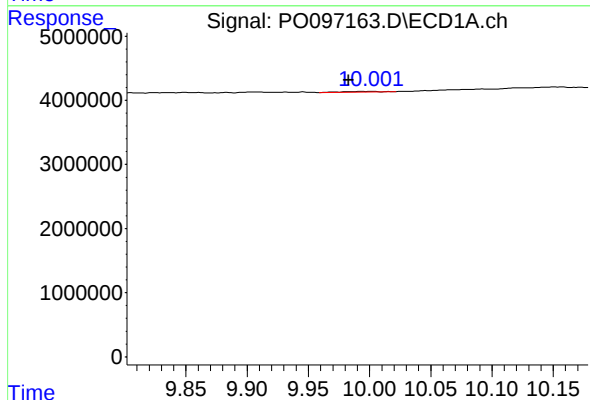
R.T.: 9.548 min
Delta R.T.: 0.005 min
Response: 104874
Conc: 1.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



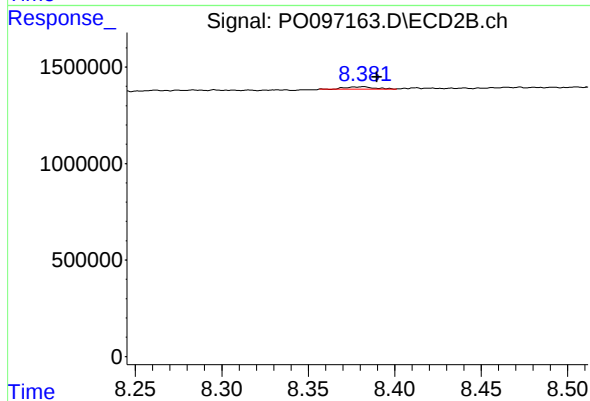
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.002 min
Delta R.T.: 0.019 min
Response: 253361
Conc: 0.31 ng/ml



#45 AR-1268-5

R.T.: 8.382 min
Delta R.T.: -0.008 min
Response: 138164
Conc: 0.33 ng/ml