

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081623\
 Data File : P0097181.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 21:26
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:25:06 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...	4.410	3.614	66049559	26174970	19.953	19.773
2) SA Decachlor...	10.347	8.628	49281682	25110938	22.522	21.705
Target Compounds						
3) L1 AR-1016-1	5.588	0.000	83746	0	0.889	N.D. #
4) L1 AR-1016-2	5.609	0.000	59670	0	0.446	N.D. #
5) L1 AR-1016-3	5.644	0.000	12463	0	0.143	N.D. #
6) L1 AR-1016-4	5.760	0.000	30497	0	0.454	N.D. #
7) L1 AR-1016-5	6.077	5.216f	51382	262352	0.736	6.824 #
8) L2 AR-1221-1	4.619	0.000	64776	0	1.589	N.D. #
9) L2 AR-1221-2	4.723	3.914	1472023	402037	48.454	31.116 #
10) L2 AR-1221-3	4.779	3.959f	40443	228355	0.462	5.753 #
11) L3 AR-1232-1	4.779	3.959f	40443	228355	0.555	7.060 #
12) L3 AR-1232-2	5.329	0.000	64459	0	1.626	N.D. #
13) L3 AR-1232-3	5.609	0.000	59670	0	0.975	N.D. #
14) L3 AR-1232-4	5.760	0.000	30497	0	0.999	N.D. #
15) L3 AR-1232-5	5.907f	5.216f	201036	262352	7.184	16.049 #
16) L4 AR-1242-1	5.588	0.000	83746	0	0.999	N.D. #
17) L4 AR-1242-2	5.609	0.000	59670	0	0.507	N.D. #
18) L4 AR-1242-3	5.644	0.000	12463	0	0.169	N.D. #
19) L4 AR-1242-4	5.760	0.000	30497	0	0.512	N.D. #
20) L4 AR-1242-5	6.529	0.000	31095	0	0.565	N.D. #
21) L5 AR-1248-1	5.588	0.000	83746	0	1.429	N.D. #
22) L5 AR-1248-2	5.907f	0.000	201036	0	2.138	N.D. #
23) L5 AR-1248-3	6.077	0.000	51382	0	0.525	N.D. #
24) L5 AR-1248-4	6.477	5.216f	47737	262352	0.525	5.139 #
25) L5 AR-1248-5	6.529	5.592f	31095	980079	0.353	20.963 #
27) L6 AR-1254-2	6.691	5.604f	43933	412122	0.272	6.256 #
28) L6 AR-1254-3	7.074	0.000	1228956	0	7.843	N.D. #
29) L6 AR-1254-4	7.383	6.360f	686331	715750	6.808	12.367 #
30) L6 AR-1254-5	7.798	6.731	332323	190417	2.961	2.166 #
31) L7 AR-1260-1	7.176f	0.000	306228	0	2.436	N.D. #
32) L7 AR-1260-2	7.487	6.408	33766	36393	0.251	0.436 #
33) L7 AR-1260-3	7.889	0.000	1040044	0	10.022	N.D. #
34) L7 AR-1260-4	8.079	7.011	70153	28692	0.627	0.448 #
35) L7 AR-1260-5	8.427	7.248	190443	105845	0.907	0.763
36) L8 AR-1262-1	7.889	6.771	1040044	67008	7.002	1.702 #
37) L8 AR-1262-2	8.427	7.011	190443	28692	0.823	0.354 #
38) L8 AR-1262-3	8.775	7.554	476454	138769	2.856	2.162
39) L8 AR-1262-4	8.855	7.554f	164528	138769	2.257	1.222 #
40) L8 AR-1262-5	9.540	0.000	118012	0	1.417	N.D. #
41) L9 AR-1268-1	8.775	7.554	476454	138769	1.550	0.749 #
42) L9 AR-1268-2	8.855	7.554f	164528	138769	0.600	0.828 #

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 Integrator: ChemStation

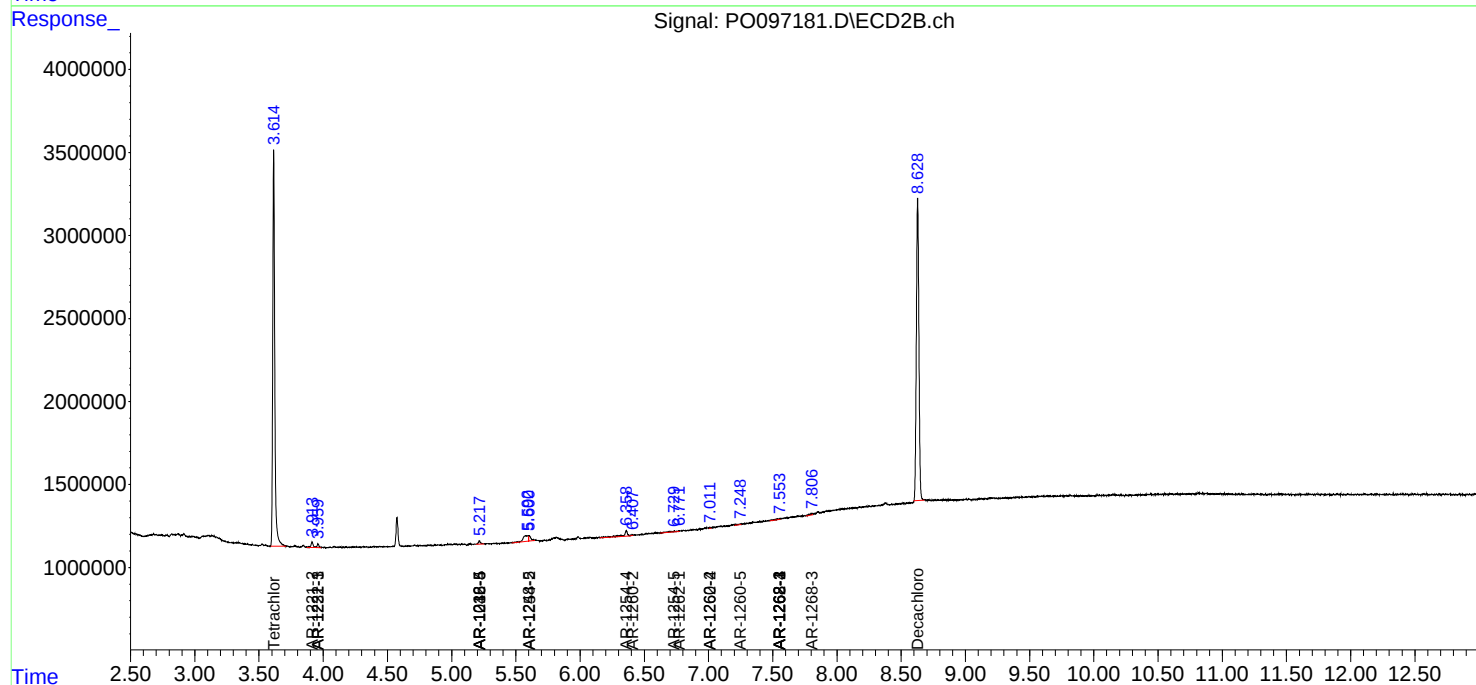
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

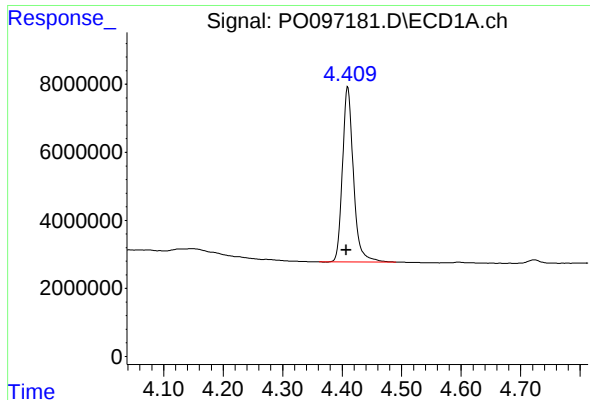
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.097	7.805	601875	168367	2.357	1.165 #
44) L9	AR-1268-4	9.540	0.000	118012	0	1.273	N.D. #
45) L9	AR-1268-5	9.979	0.000	128241	0	0.159	N.D. #

(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

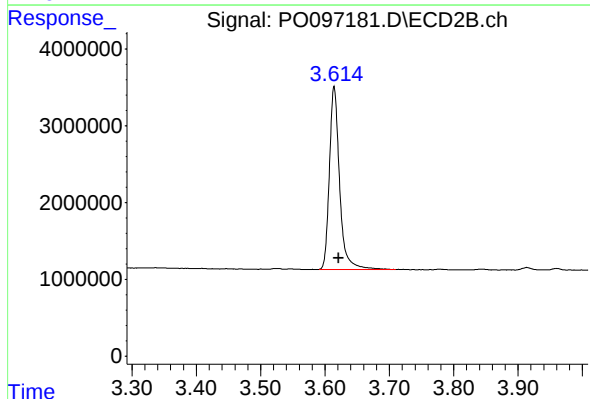




#1 Tetrachloro-m-xylene

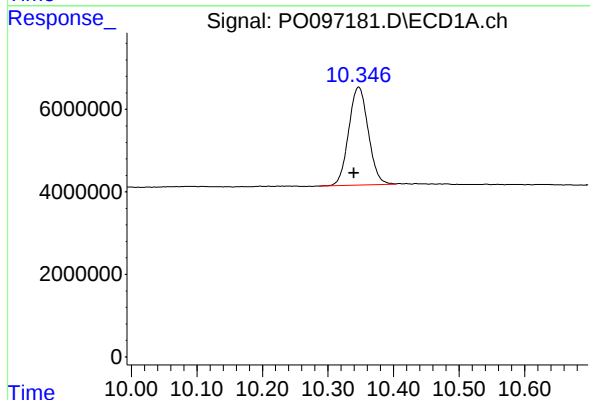
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 66049559
Conc: 19.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



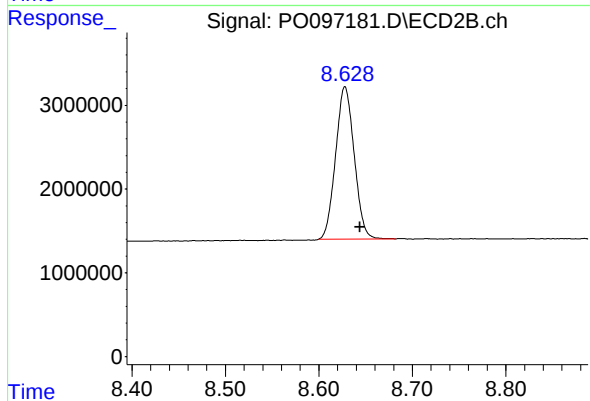
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 26174970
Conc: 19.77 ng/ml



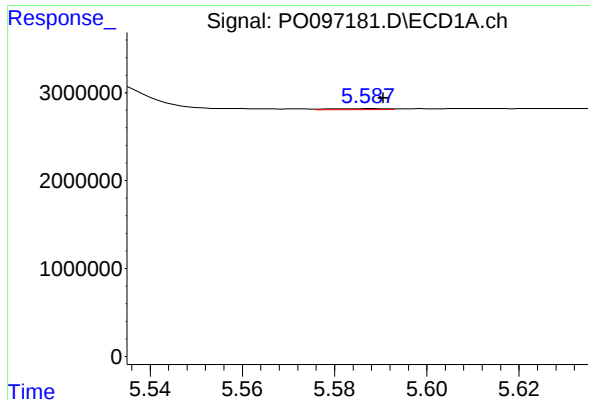
#2 Decachlorobiphenyl

R.T.: 10.347 min
Delta R.T.: 0.007 min
Response: 49281682
Conc: 22.52 ng/ml



#2 Decachlorobiphenyl

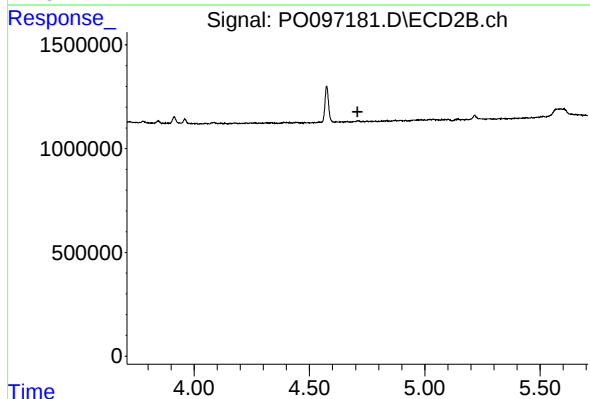
R.T.: 8.628 min
Delta R.T.: -0.016 min
Response: 25110938
Conc: 21.70 ng/ml



#3 AR-1016-1

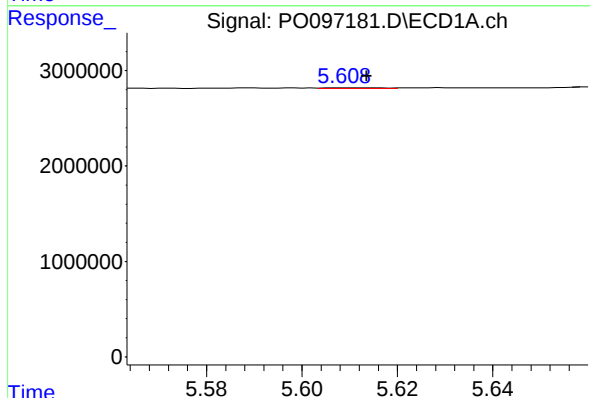
R.T.: 5.588 min
Delta R.T.: -0.002 min
Response: 83746
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



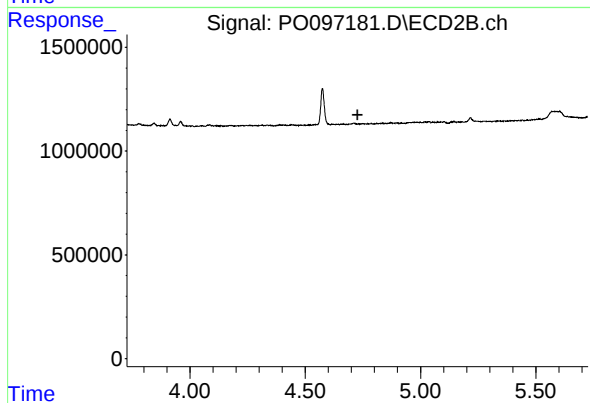
#3 AR-1016-1

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



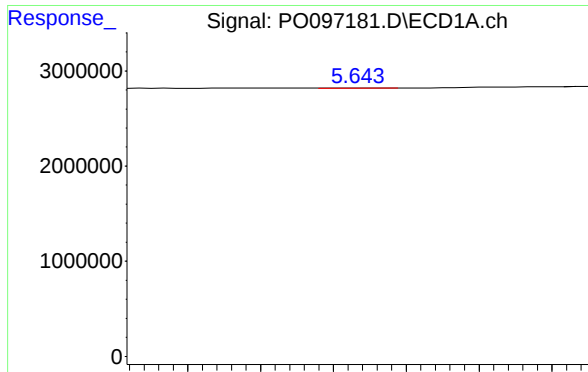
#4 AR-1016-2

R.T.: 5.609 min
Delta R.T.: -0.005 min
Response: 59670
Conc: 0.45 ng/ml



#4 AR-1016-2

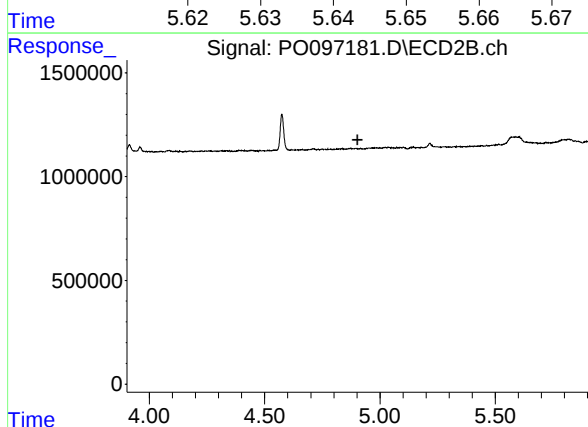
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

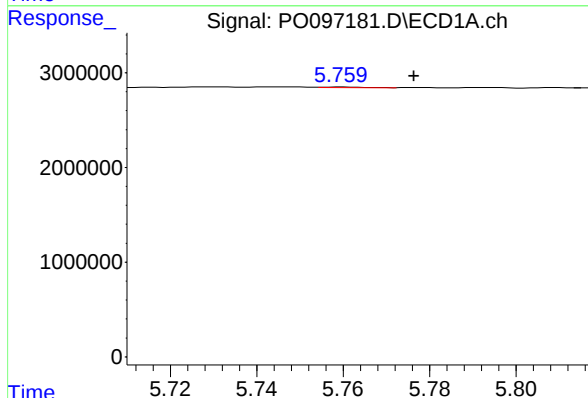
R.T.: 5.644 min
Delta R.T.: -0.033 min
Response: 12463
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



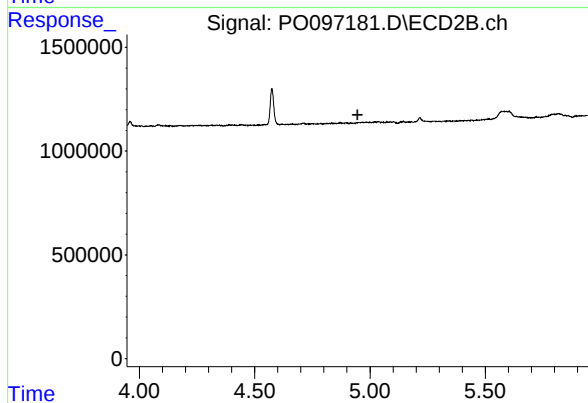
#5 AR-1016-3

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



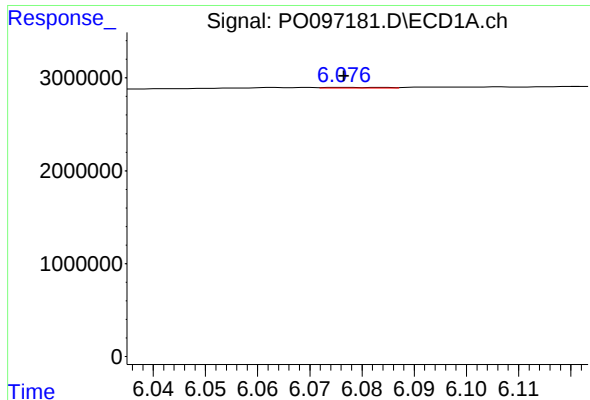
#6 AR-1016-4

R.T.: 5.760 min
Delta R.T.: -0.017 min
Response: 30497
Conc: 0.45 ng/ml



#6 AR-1016-4

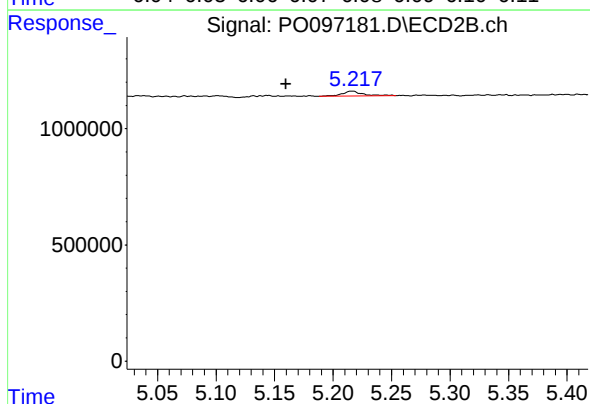
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#7 AR-1016-5

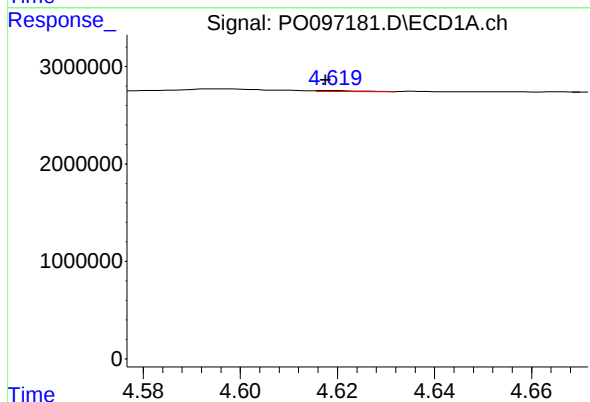
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 51382
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



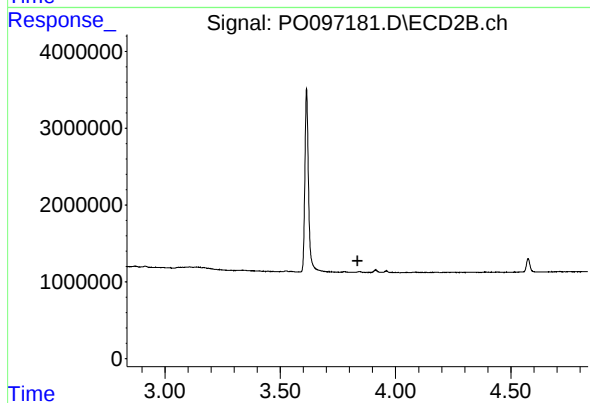
#7 AR-1016-5

R.T.: 5.216 min
Delta R.T.: 0.056 min
Response: 262352
Conc: 6.82 ng/ml



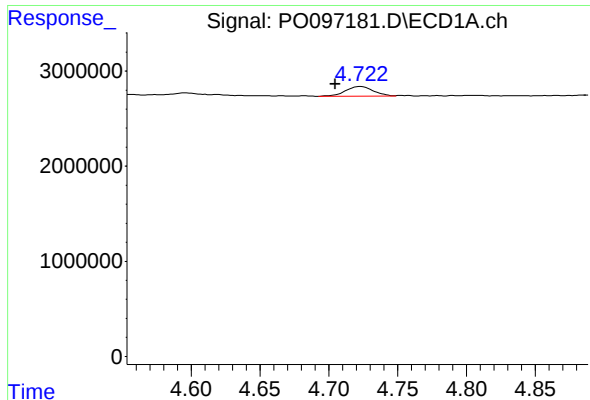
#8 AR-1221-1

R.T.: 4.619 min
Delta R.T.: 0.002 min
Response: 64776
Conc: 1.59 ng/ml



#8 AR-1221-1

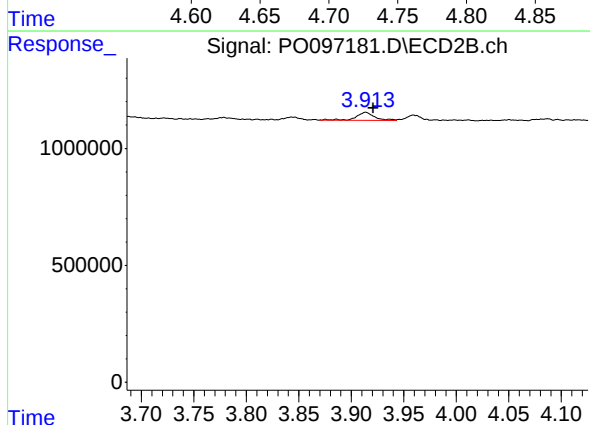
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

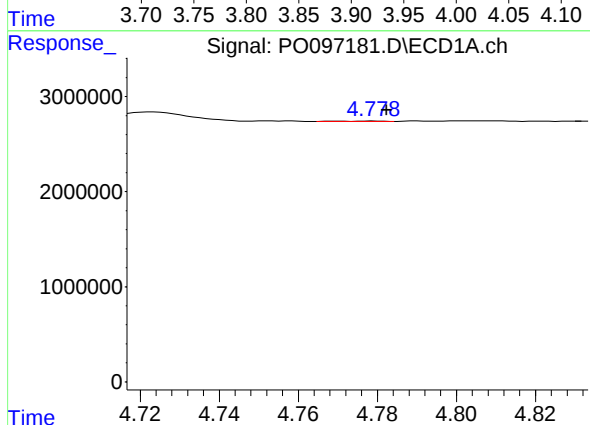
R.T.: 4.723 min
Delta R.T.: 0.018 min
Response: 1472023
Conc: 48.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



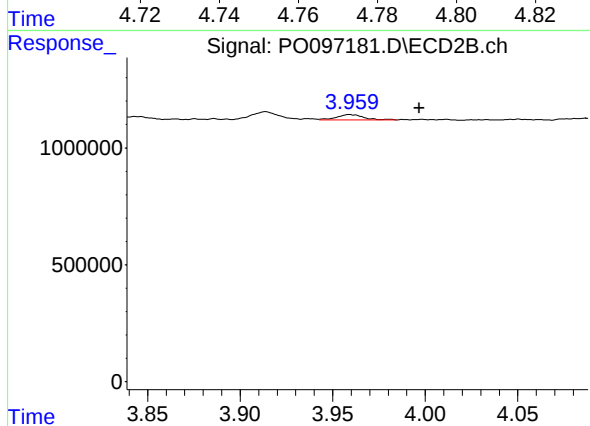
#9 AR-1221-2

R.T.: 3.914 min
Delta R.T.: -0.007 min
Response: 402037
Conc: 31.12 ng/ml



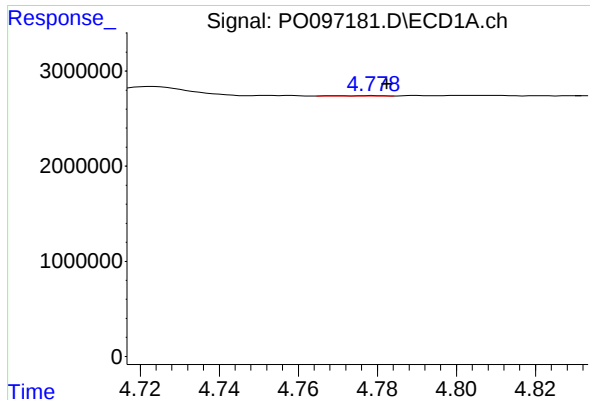
#10 AR-1221-3

R.T.: 4.779 min
Delta R.T.: -0.003 min
Response: 40443
Conc: 0.46 ng/ml



#10 AR-1221-3

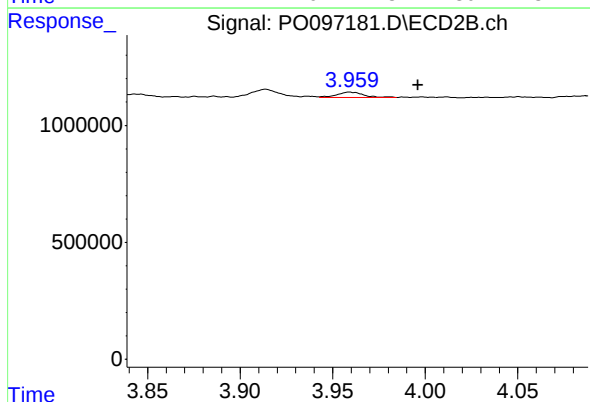
R.T.: 3.959 min
Delta R.T.: -0.037 min
Response: 228355
Conc: 5.75 ng/ml



#11 AR-1232-1

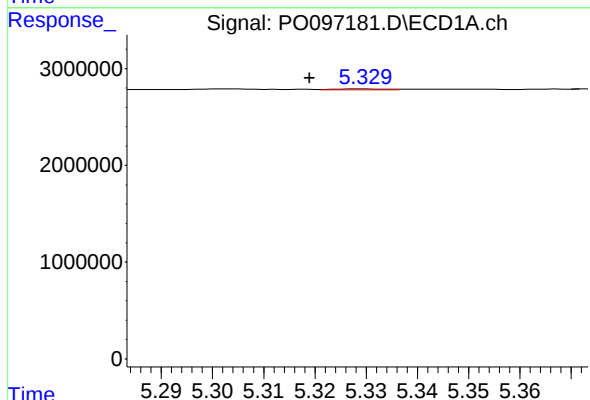
R.T.: 4.779 min
Delta R.T.: -0.003 min
Response: 40443
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



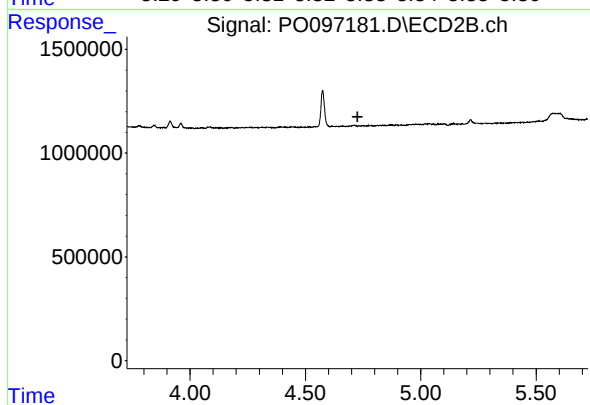
#11 AR-1232-1

R.T.: 3.959 min
Delta R.T.: -0.037 min
Response: 228355
Conc: 7.06 ng/ml



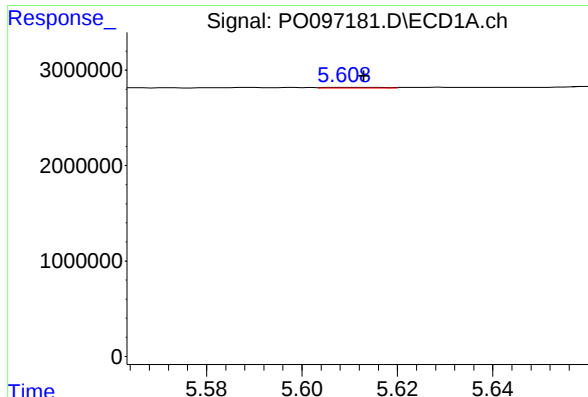
#12 AR-1232-2

R.T.: 5.329 min
Delta R.T.: 0.010 min
Response: 64459
Conc: 1.63 ng/ml



#12 AR-1232-2

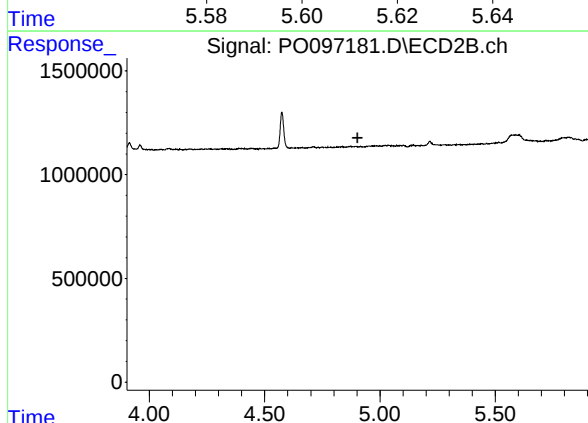
R.T.: 0.000 min
Exp R.T.: 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

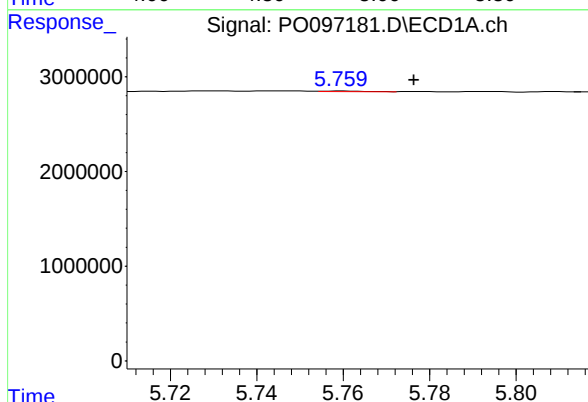
R.T.: 5.609 min
Delta R.T.: -0.004 min
Response: 59670
Conc: 0.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



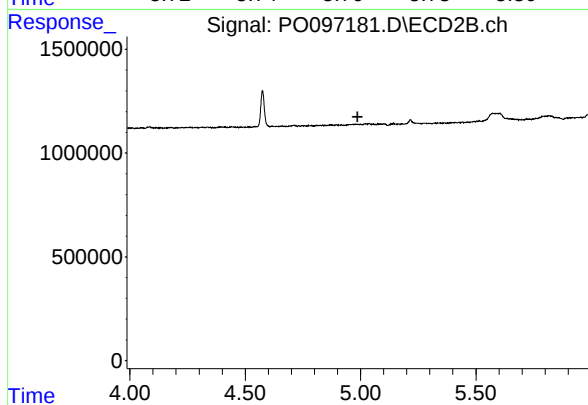
#13 AR-1232-3

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



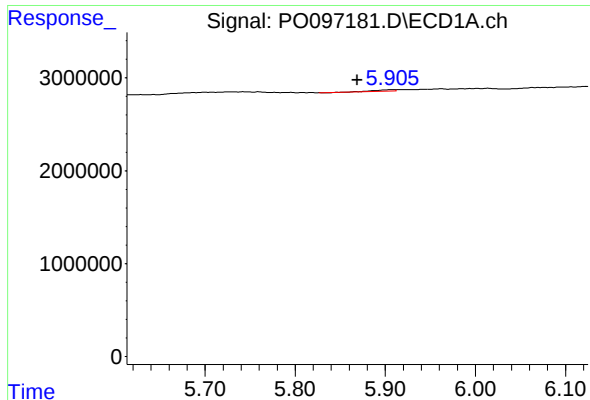
#14 AR-1232-4

R.T.: 5.760 min
Delta R.T.: -0.017 min
Response: 30497
Conc: 1.00 ng/ml



#14 AR-1232-4

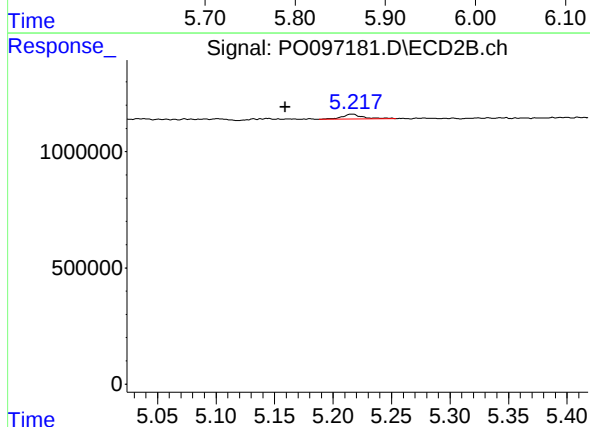
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#15 AR-1232-5

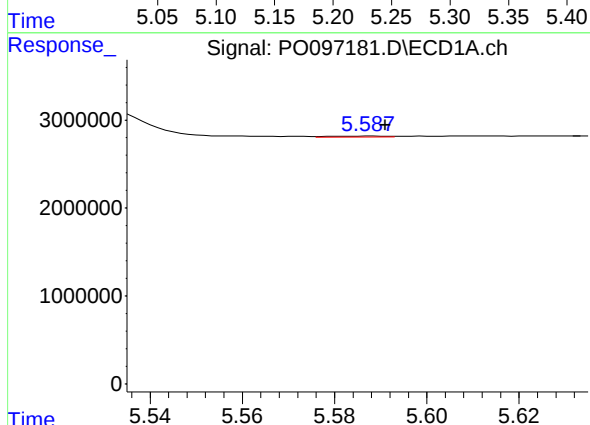
R.T.: 5.907 min
Delta R.T.: 0.038 min
Response: 201036
Conc: 7.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



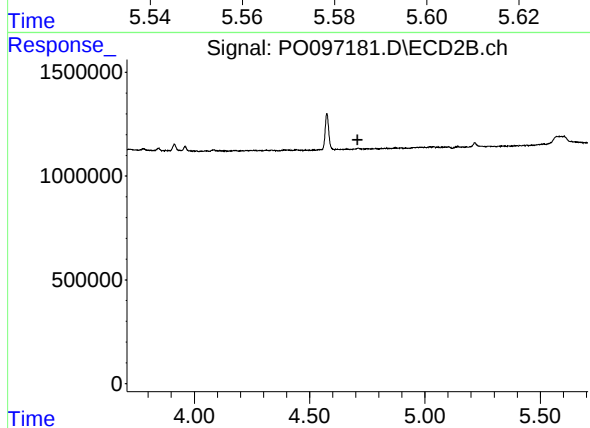
#15 AR-1232-5

R.T.: 5.216 min
Delta R.T.: 0.057 min
Response: 262352
Conc: 16.05 ng/ml



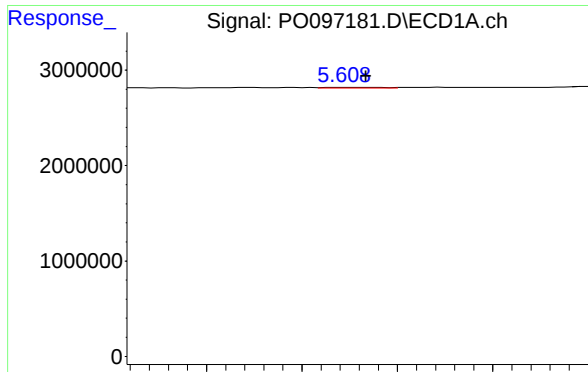
#16 AR-1242-1

R.T.: 5.588 min
Delta R.T.: -0.003 min
Response: 83746
Conc: 1.00 ng/ml



#16 AR-1242-1

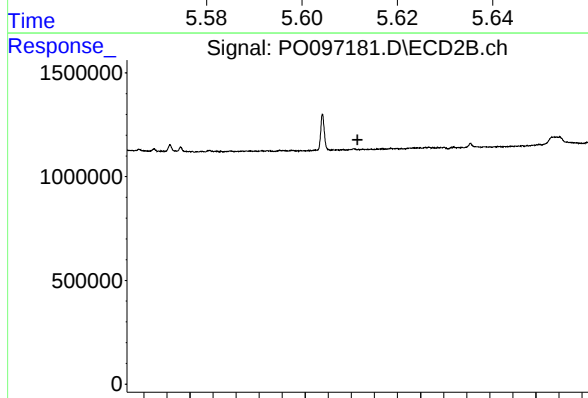
R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



#17 AR-1242-2

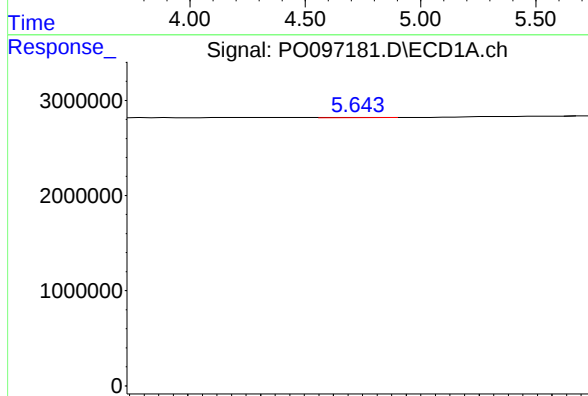
R.T.: 5.609 min
Delta R.T.: -0.004 min
Response: 59670
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



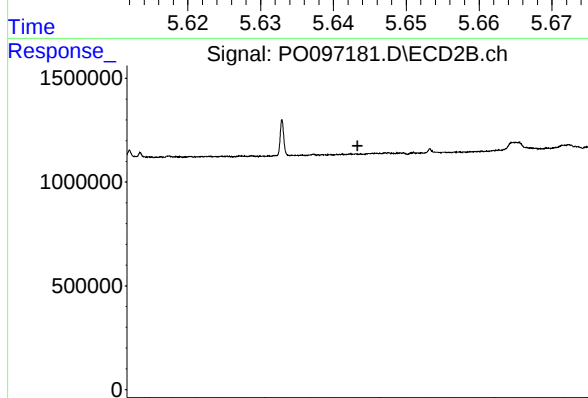
#17 AR-1242-2

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



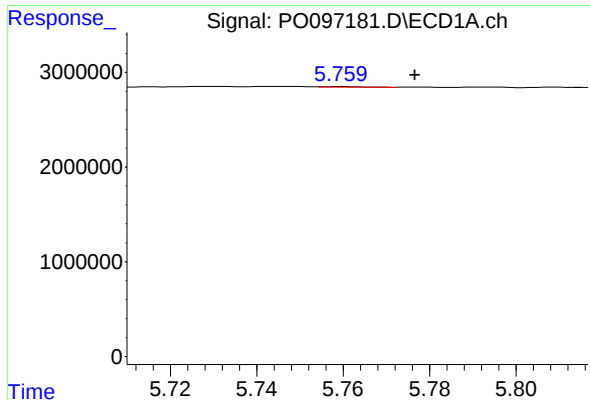
#18 AR-1242-3

R.T.: 5.644 min
Delta R.T.: -0.033 min
Response: 12463
Conc: 0.17 ng/ml



#18 AR-1242-3

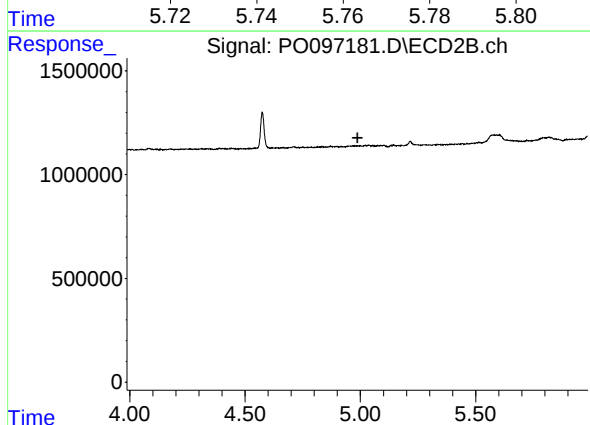
R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



#19 AR-1242-4

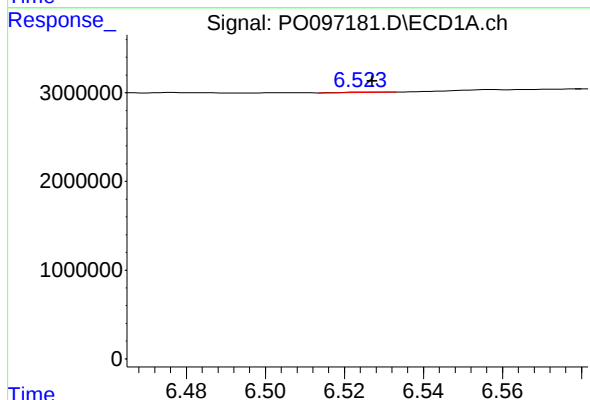
R.T.: 5.760 min
Delta R.T.: -0.017 min
Response: 30497
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



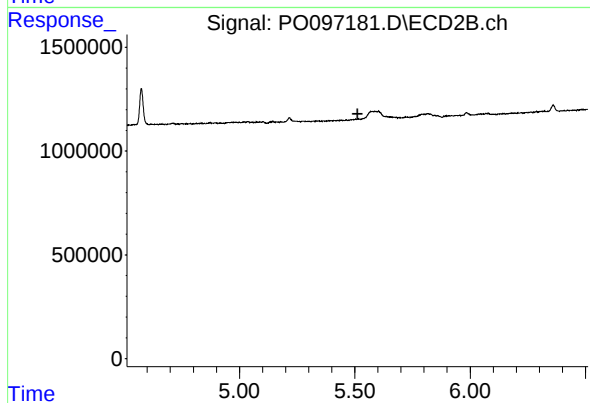
#19 AR-1242-4

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



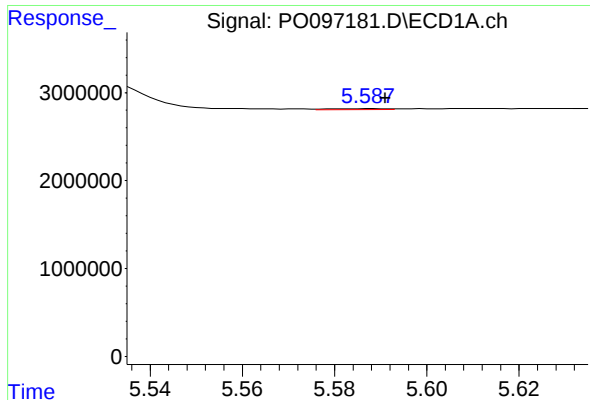
#20 AR-1242-5

R.T.: 6.529 min
Delta R.T.: 0.002 min
Response: 31095
Conc: 0.57 ng/ml



#20 AR-1242-5

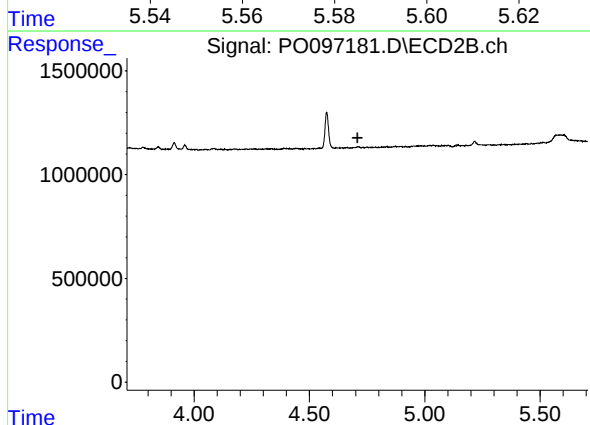
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#21 AR-1248-1

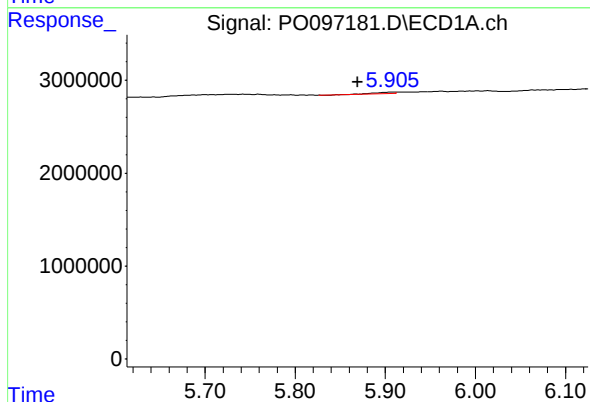
R.T.: 5.588 min
Delta R.T.: -0.003 min
Response: 83746
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



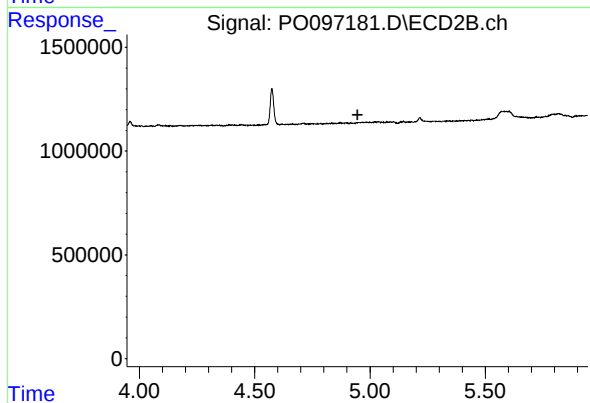
#21 AR-1248-1

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



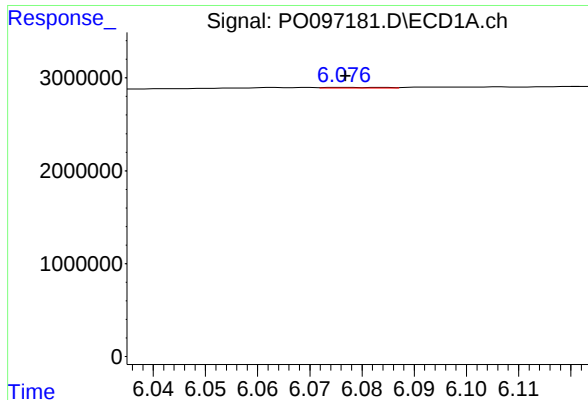
#22 AR-1248-2

R.T.: 5.907 min
Delta R.T.: 0.037 min
Response: 201036
Conc: 2.14 ng/ml



#22 AR-1248-2

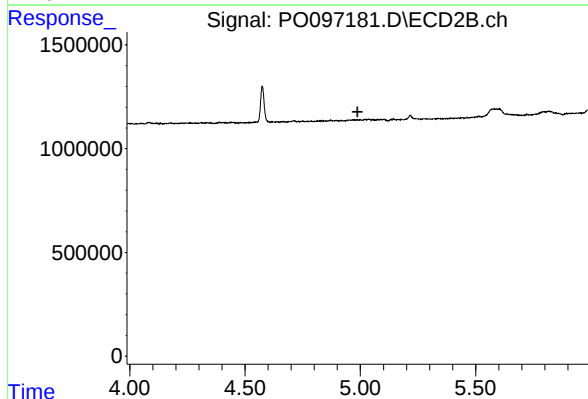
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#23 AR-1248-3

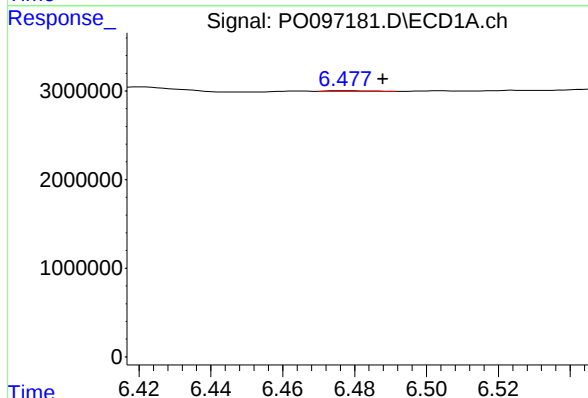
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 51382
Conc: 0.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



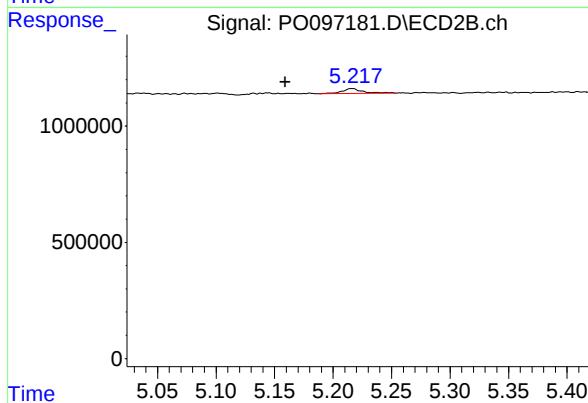
#23 AR-1248-3

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



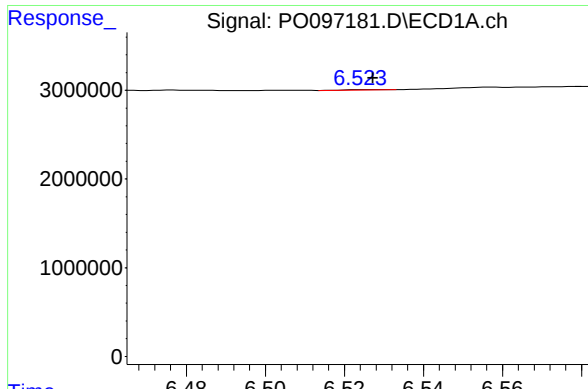
#24 AR-1248-4

R.T.: 6.477 min
Delta R.T.: -0.011 min
Response: 47737
Conc: 0.53 ng/ml



#24 AR-1248-4

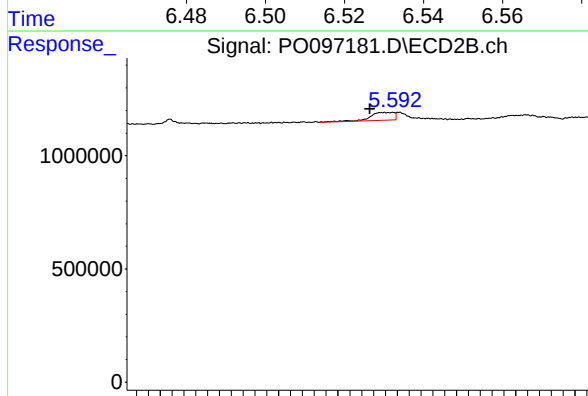
R.T.: 5.216 min
Delta R.T.: 0.057 min
Response: 262352
Conc: 5.14 ng/ml



#25 AR-1248-5

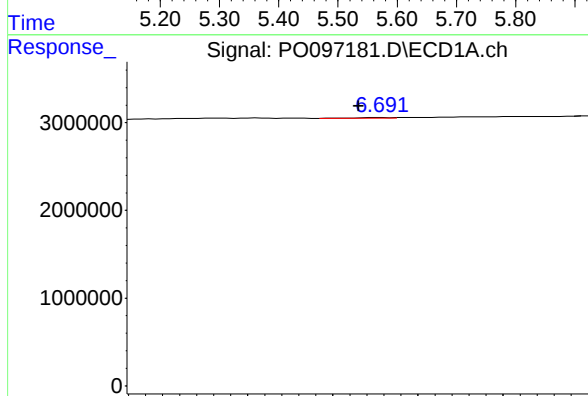
R.T.: 6.529 min
Delta R.T.: 0.001 min
Response: 31095
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



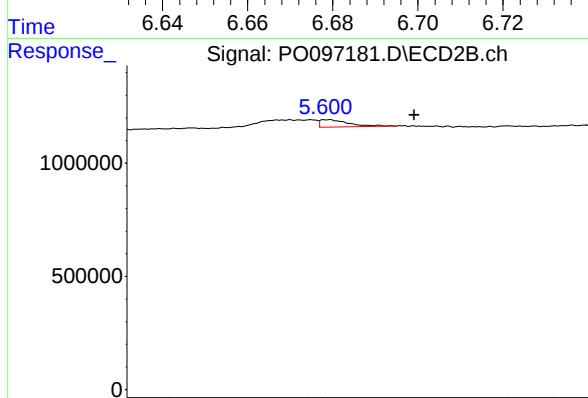
#25 AR-1248-5

R.T.: 5.592 min
Delta R.T.: 0.038 min
Response: 980079
Conc: 20.96 ng/ml



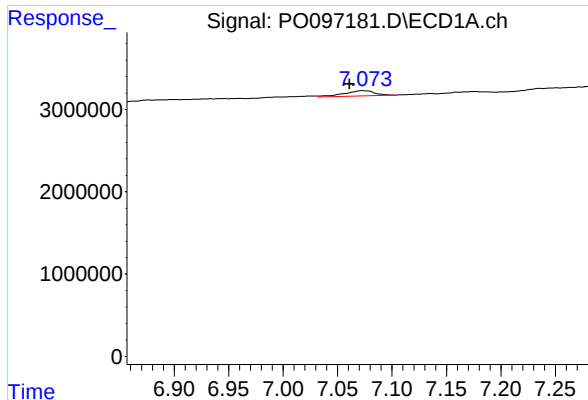
#27 AR-1254-2

R.T.: 6.691 min
Delta R.T.: 0.005 min
Response: 43933
Conc: 0.27 ng/ml



#27 AR-1254-2

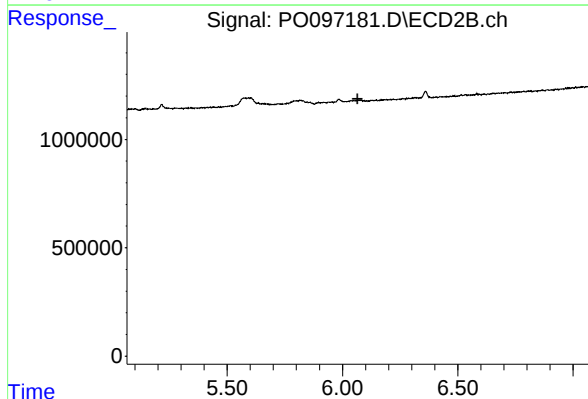
R.T.: 5.604 min
Delta R.T.: -0.056 min
Response: 412122
Conc: 6.26 ng/ml



#28 AR-1254-3

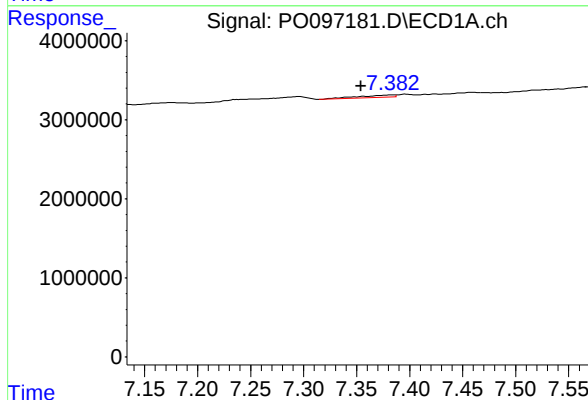
R.T.: 7.074 min
Delta R.T.: 0.012 min
Response: 1228956
Conc: 7.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



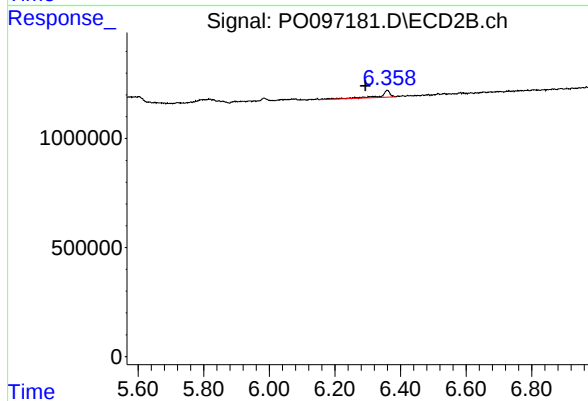
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 6.065 min
Response: 0
Conc: N.D.



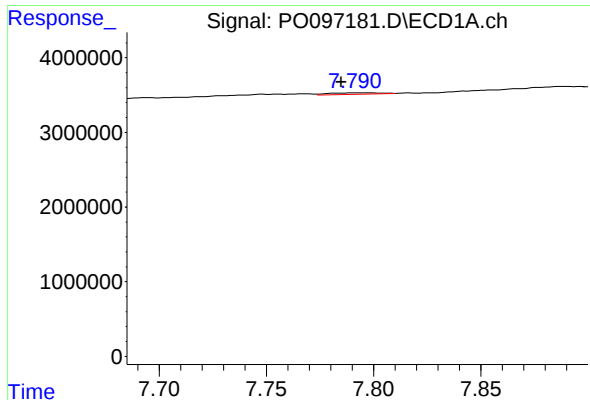
#29 AR-1254-4

R.T.: 7.383 min
Delta R.T.: 0.029 min
Response: 686331
Conc: 6.81 ng/ml



#29 AR-1254-4

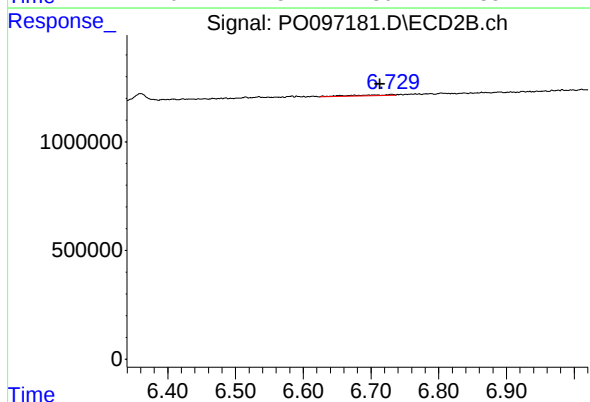
R.T.: 6.360 min
Delta R.T.: 0.066 min
Response: 715750
Conc: 12.37 ng/ml



#30 AR-1254-5

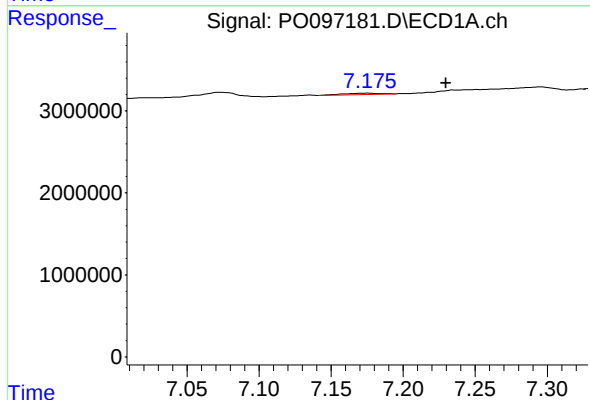
R.T.: 7.798 min
Delta R.T.: 0.013 min
Response: 332323
Conc: 2.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



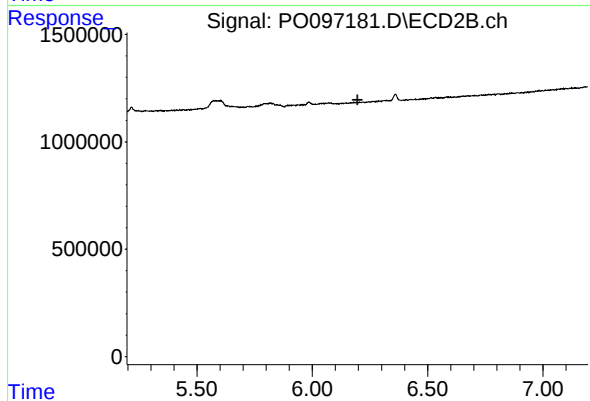
#30 AR-1254-5

R.T.: 6.731 min
Delta R.T.: 0.018 min
Response: 190417
Conc: 2.17 ng/ml



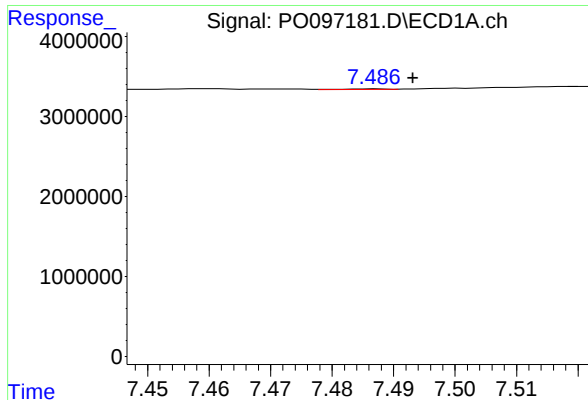
#31 AR-1260-1

R.T.: 7.176 min
Delta R.T.: -0.054 min
Response: 306228
Conc: 2.44 ng/ml



#31 AR-1260-1

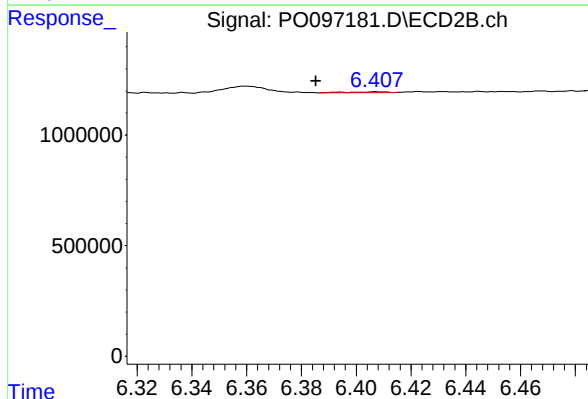
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.



#32 AR-1260-2

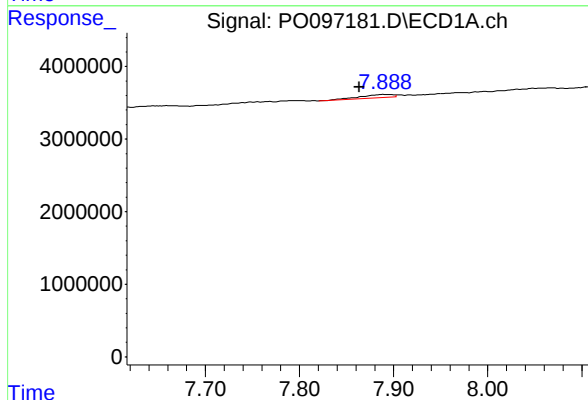
R.T.: 7.487 min
Delta R.T.: -0.006 min
Response: 33766
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



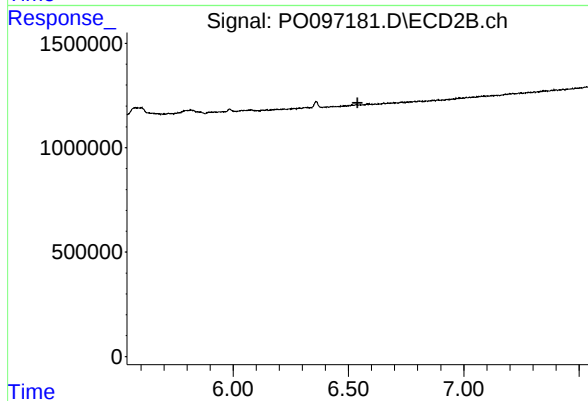
#32 AR-1260-2

R.T.: 6.408 min
Delta R.T.: 0.022 min
Response: 36393
Conc: 0.44 ng/ml



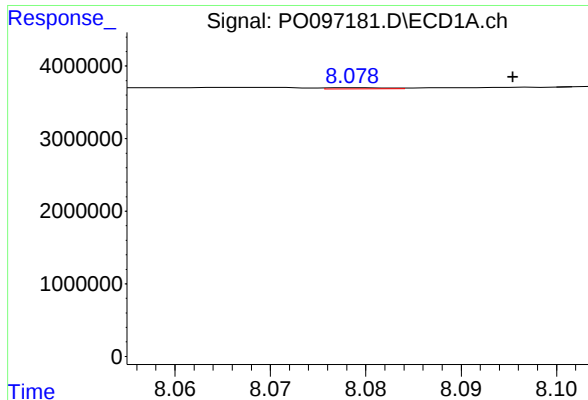
#33 AR-1260-3

R.T.: 7.889 min
Delta R.T.: 0.025 min
Response: 1040044
Conc: 10.02 ng/ml



#33 AR-1260-3

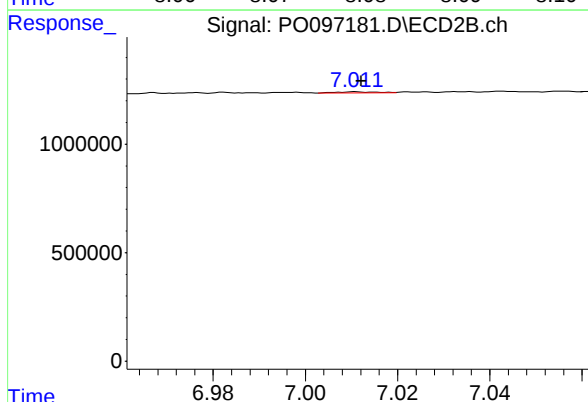
R.T.: 0.000 min
Exp R.T.: 6.539 min
Response: 0
Conc: N.D.



#34 AR-1260-4

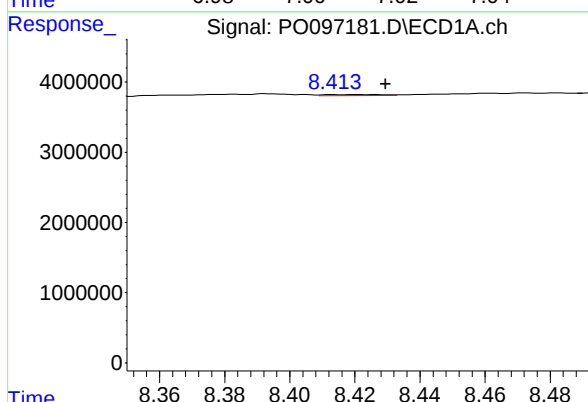
R.T.: 8.079 min
Delta R.T.: -0.016 min
Response: 70153
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



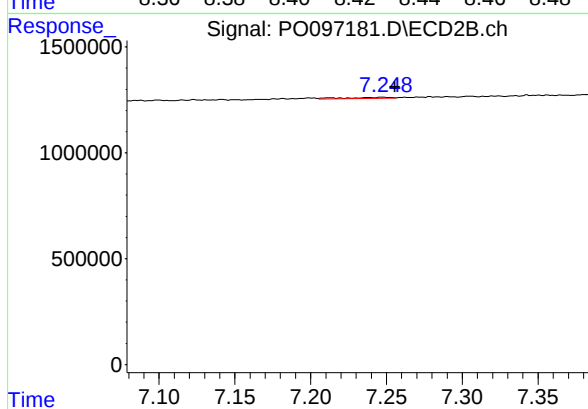
#34 AR-1260-4

R.T.: 7.011 min
Delta R.T.: -0.001 min
Response: 28692
Conc: 0.45 ng/ml



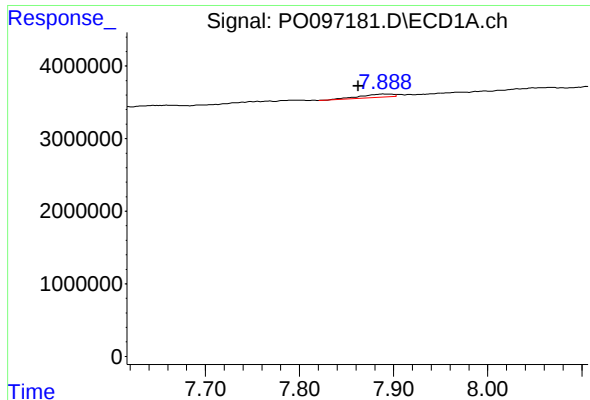
#35 AR-1260-5

R.T.: 8.427 min
Delta R.T.: -0.003 min
Response: 190443
Conc: 0.91 ng/ml



#35 AR-1260-5

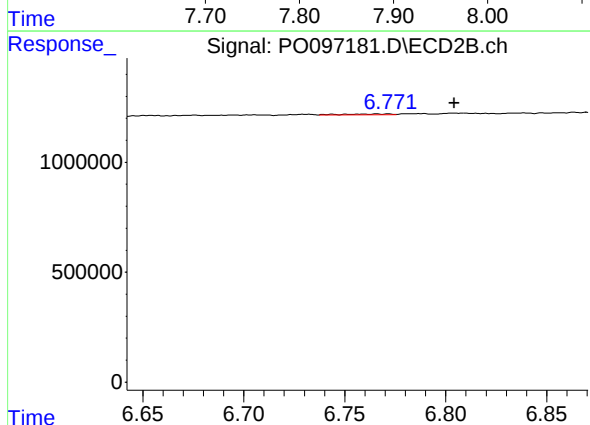
R.T.: 7.248 min
Delta R.T.: -0.008 min
Response: 105845
Conc: 0.76 ng/ml



#36 AR-1262-1

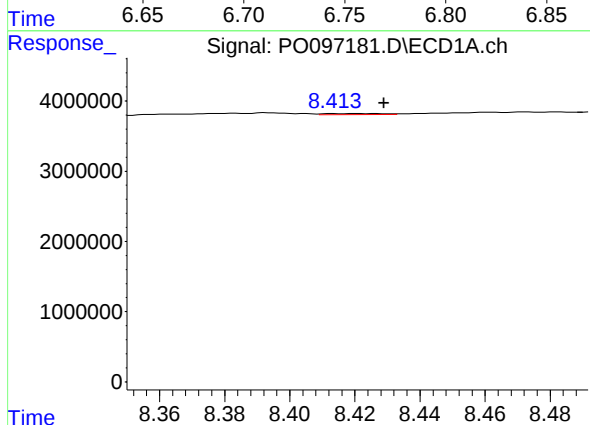
R.T.: 7.889 min
Delta R.T.: 0.026 min
Response: 1040044
Conc: 7.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



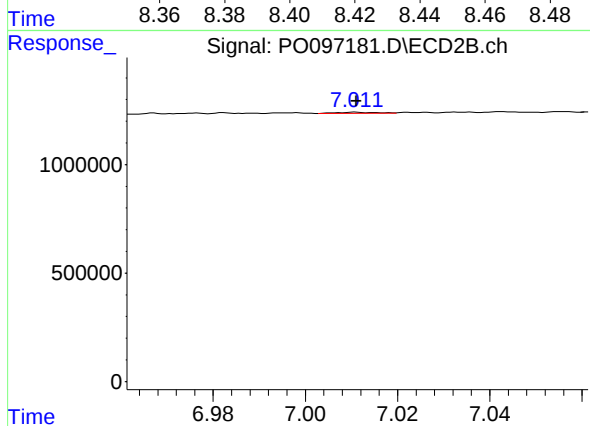
#36 AR-1262-1

R.T.: 6.771 min
Delta R.T.: -0.033 min
Response: 67008
Conc: 1.70 ng/ml



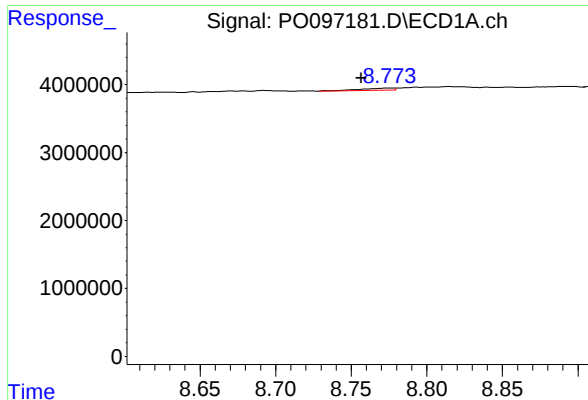
#37 AR-1262-2

R.T.: 8.427 min
Delta R.T.: -0.002 min
Response: 190443
Conc: 0.82 ng/ml



#37 AR-1262-2

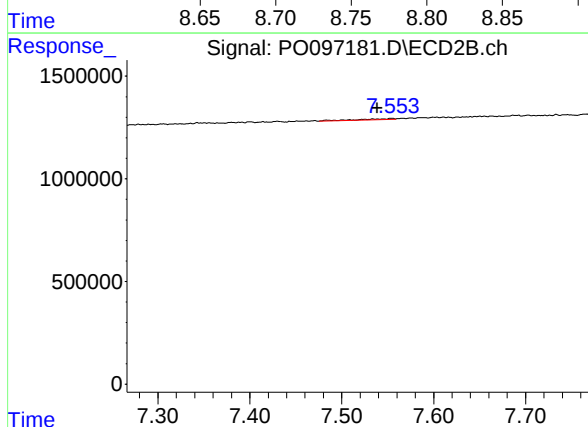
R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 28692
Conc: 0.35 ng/ml



#38 AR-1262-3

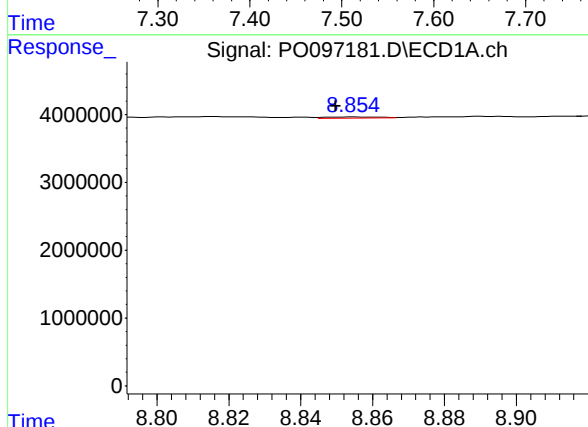
R.T.: 8.775 min
Delta R.T.: 0.018 min
Response: 476454
Conc: 2.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



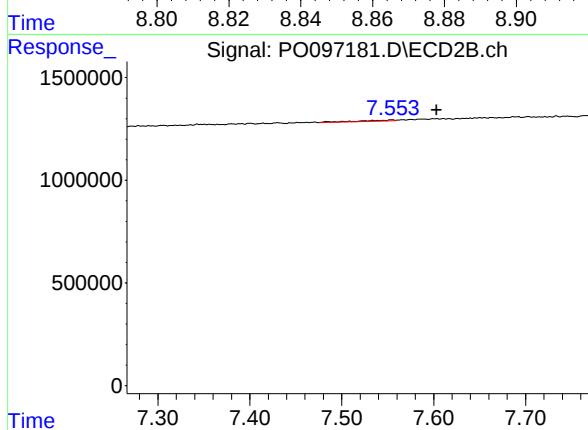
#38 AR-1262-3

R.T.: 7.554 min
Delta R.T.: 0.015 min
Response: 138769
Conc: 2.16 ng/ml



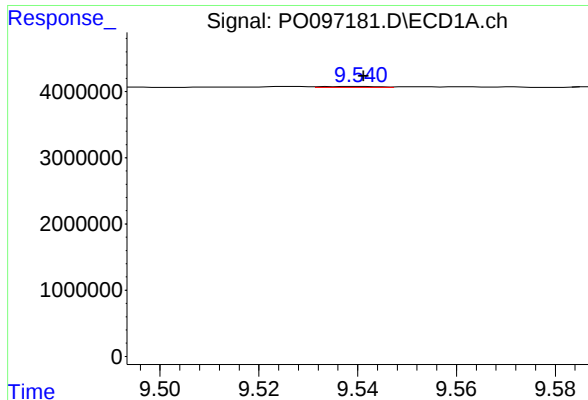
#39 AR-1262-4

R.T.: 8.855 min
Delta R.T.: 0.005 min
Response: 164528
Conc: 2.26 ng/ml



#39 AR-1262-4

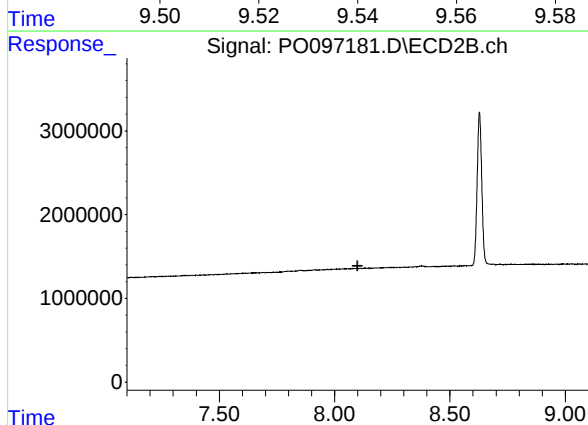
R.T.: 7.554 min
Delta R.T.: -0.049 min
Response: 138769
Conc: 1.22 ng/ml



#40 AR-1262-5

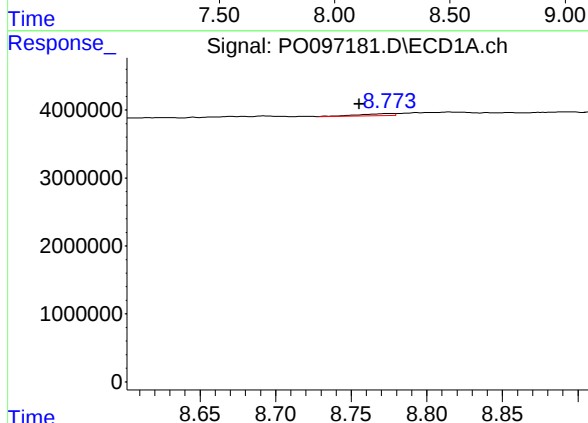
R.T.: 9.540 min
Delta R.T.: -0.001 min
Response: 118012
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



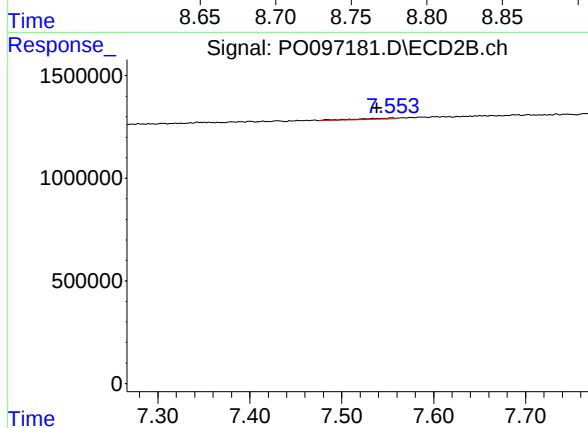
#40 AR-1262-5

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



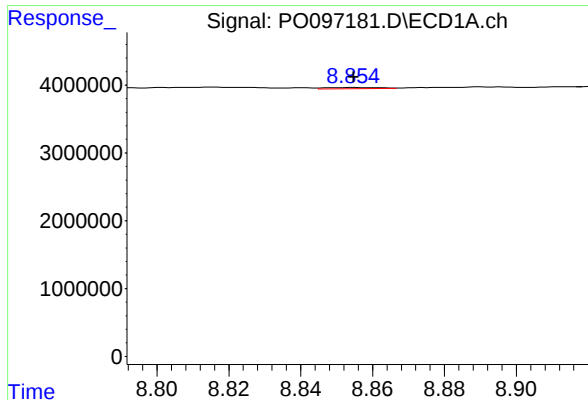
#41 AR-1268-1

R.T.: 8.775 min
Delta R.T.: 0.019 min
Response: 476454
Conc: 1.55 ng/ml



#41 AR-1268-1

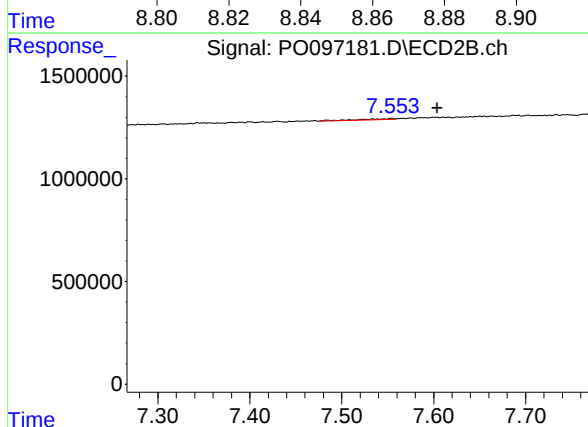
R.T.: 7.554 min
Delta R.T.: 0.015 min
Response: 138769
Conc: 0.75 ng/ml



#42 AR-1268-2

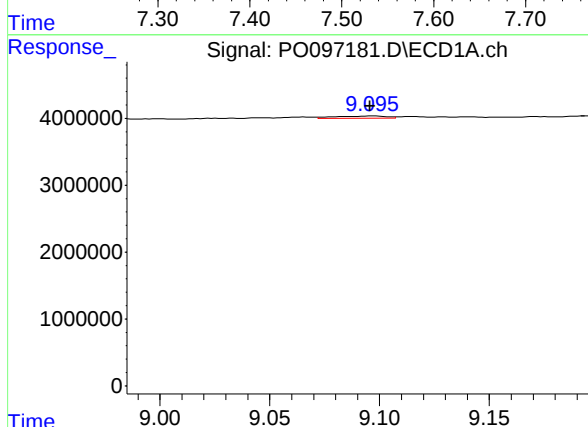
R.T.: 8.855 min
Delta R.T.: 0.000 min
Response: 164528
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



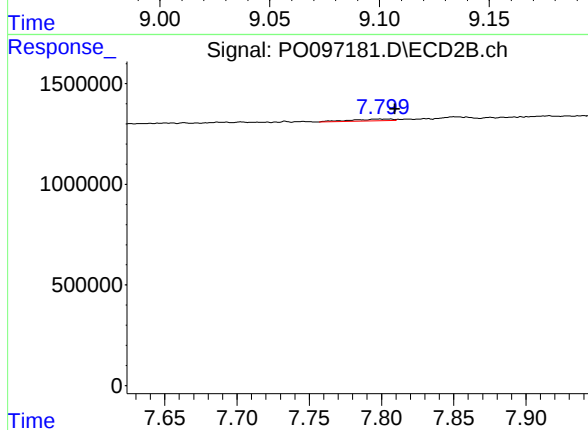
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.050 min
Response: 138769
Conc: 0.83 ng/ml



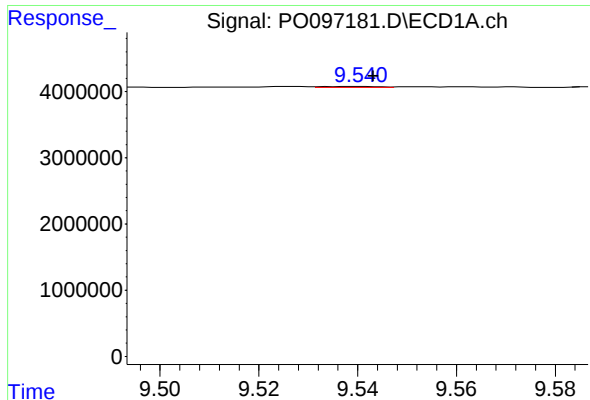
#43 AR-1268-3

R.T.: 9.097 min
Delta R.T.: 0.001 min
Response: 601875
Conc: 2.36 ng/ml



#43 AR-1268-3

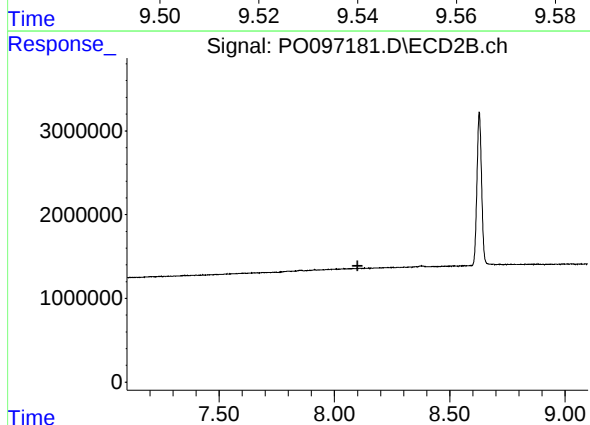
R.T.: 7.805 min
Delta R.T.: -0.005 min
Response: 168367
Conc: 1.17 ng/ml



#44 AR-1268-4

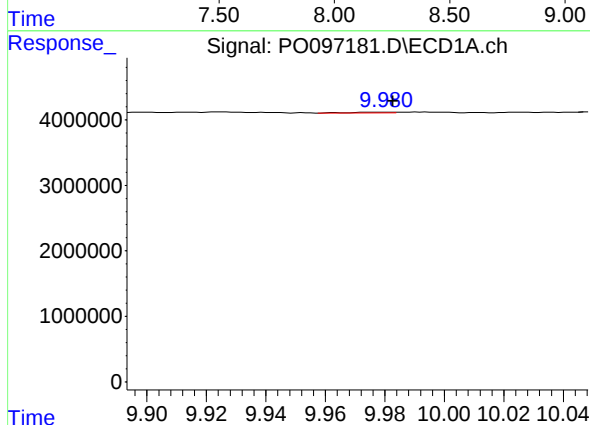
R.T.: 9.540 min
Delta R.T.: -0.003 min
Response: 118012
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



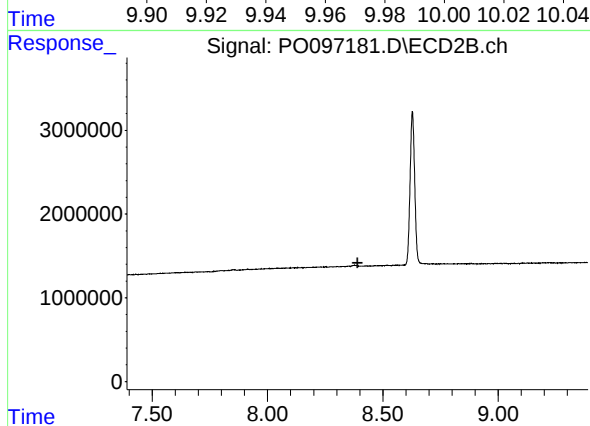
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.979 min
Delta R.T.: -0.004 min
Response: 128241
Conc: 0.16 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.390 min
Response: 0
Conc: N.D.