

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082123\
 Data File : P0097348.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 21:36
 Operator : YP/AJ
 Sample : 04091-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 01:55:02 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...	4.409	3.613	64622884	26071838	19.522	19.695
2) SA Decachlor...	10.345	8.626	40497408	20178366	18.507	17.441
Target Compounds						
3) L1 AR-1016-1	5.584	4.729	142897	245124	1.517	5.529 #
4) L1 AR-1016-2	5.615	4.729	363131	245124	2.715	4.007 #
5) L1 AR-1016-3	5.684	4.893	206709	64877	2.375	1.986
6) L1 AR-1016-4	5.793	4.893f	73596	64877	1.096	2.270 #
7) L1 AR-1016-5	6.089	5.214f	167141	339106	2.394	8.820 #
8) L2 AR-1221-1	4.620	3.830	2697745	1425088	66.194	82.104
9) L2 AR-1221-2	4.725	3.912	3609106	1199288	118.799	92.819
10) L2 AR-1221-3	4.787	3.958f	20636	794688	0.236	20.020 #
11) L3 AR-1232-1	4.787	3.958f	20636	794688	0.283	24.568 #
12) L3 AR-1232-2	5.334	4.729	151665	245124	3.825	8.496 #
13) L3 AR-1232-3	5.615	4.893	363131	64877	5.936	4.279 #
14) L3 AR-1232-4	5.793	0.000	73596	0	2.412	N.D. #
15) L3 AR-1232-5	5.878	5.214f	600738	339106	21.468	20.745
16) L4 AR-1242-1	5.584	4.729	142897	245124	1.705	6.217 #
17) L4 AR-1242-2	5.615	4.729	363131	245124	3.084	4.498 #
18) L4 AR-1242-3	5.684	4.893	206709	64877	2.798	2.194
19) L4 AR-1242-4	5.793	0.000	73596	0	1.236	N.D. #
20) L4 AR-1242-5	6.520	5.492	31564	192280	0.574	5.277 #
21) L5 AR-1248-1	5.584	4.729	142897	245124	2.439	8.735 #
22) L5 AR-1248-2	5.878	4.893f	600738	64877	6.390	1.531 #
23) L5 AR-1248-3	6.089	0.000	167141	0	1.709	N.D. #
24) L5 AR-1248-4	6.487	5.214f	53395	339106	0.588	6.643 #
25) L5 AR-1248-5	6.520	5.588	31564	2050595	0.358	43.861 #
26) L6 AR-1254-1	6.465	5.492	-14311	192280	N.D.	2.606 #
27) L6 AR-1254-2	6.696	5.666	374650	2495609	2.324	37.881 #
28) L6 AR-1254-3	7.067	6.067	579450	1056107	3.698	10.450 #
29) L6 AR-1254-4	7.395f	6.265	1021831	14558	10.135	0.252 #
30) L6 AR-1254-5	7.796	0.000	975618	0	8.694	N.D. #
31) L7 AR-1260-1	7.249	6.184	519597	305472	4.134	4.341
32) L7 AR-1260-2	7.471	6.382	43227	668889	0.321	8.014 #
33) L7 AR-1260-3	7.855	6.605f	185881	1229624	1.791	15.924 #
34) L7 AR-1260-4	8.082	6.980	1747554	332079	15.631	5.182 #
35) L7 AR-1260-5	8.452	7.246	330486	37274	1.574	0.269 #
36) L8 AR-1262-1	7.855	6.836	185881	1049347	1.251	26.654 #
37) L8 AR-1262-2	8.452	6.980	330486	332079	1.428	4.094 #
38) L8 AR-1262-3	8.768	7.530	64012	148076	0.384	2.307 #
39) L8 AR-1262-4	8.856	7.574	236861	253412	3.249	2.231 #
40) L8 AR-1262-5	9.523	8.049f	548778	176704	6.590	3.365 #
41) L9 AR-1268-1	8.768	7.530	64012	148076	0.208	0.799 #

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 Acq On : 21 Aug 2023 21:36
 Operator : YP/AJ
 Sample : 04091-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

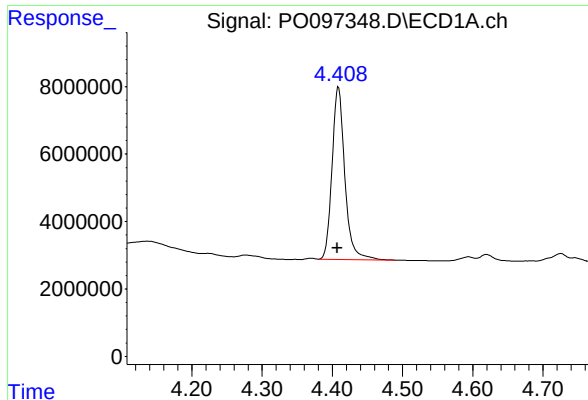
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 01:55:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
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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	8.856	7.574	236861	253412	0.864	1.511 #
43) L9	AR-1268-3	9.093	7.802	140502	41328	0.550	0.286 #
44) L9	AR-1268-4	9.523	8.049f	548778	176704	5.919	2.966 #
45) L9	AR-1268-5	9.979	8.376	146944	167924	0.182	0.404 #

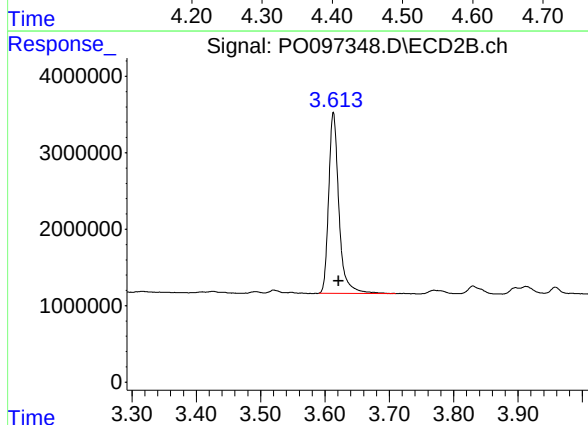
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

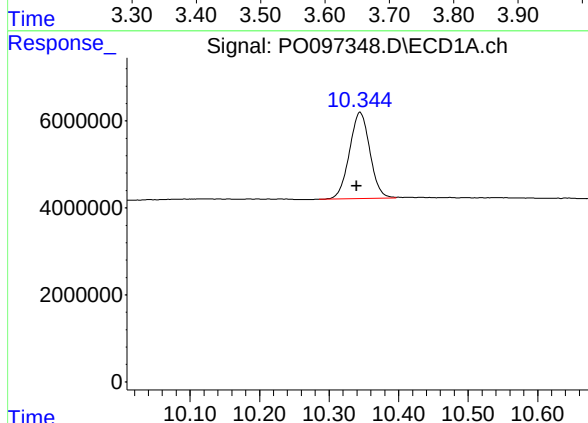
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 64622884
Conc: 19.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



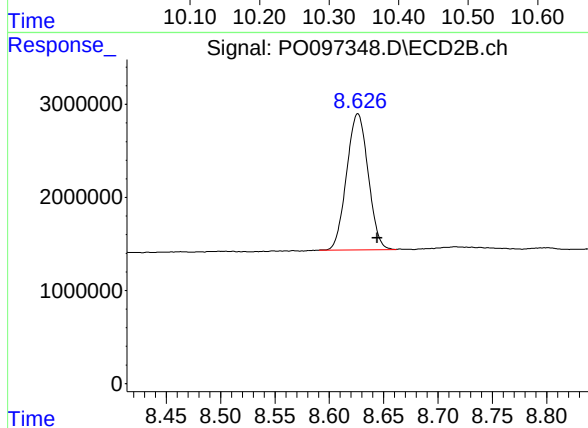
#1 Tetrachloro-m-xylene

R.T.: 3.613 min
Delta R.T.: -0.008 min
Response: 26071838
Conc: 19.69 ng/ml



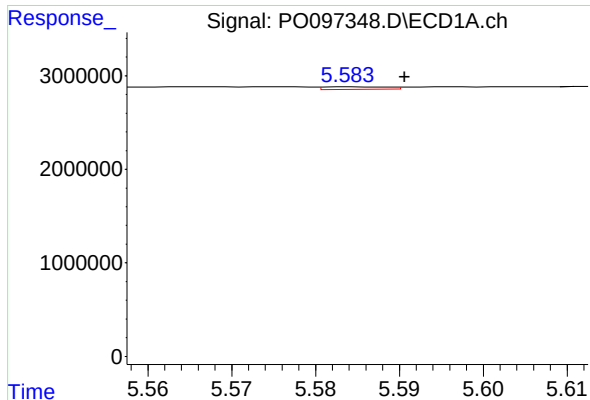
#2 Decachlorobiphenyl

R.T.: 10.345 min
Delta R.T.: 0.005 min
Response: 40497408
Conc: 18.51 ng/ml



#2 Decachlorobiphenyl

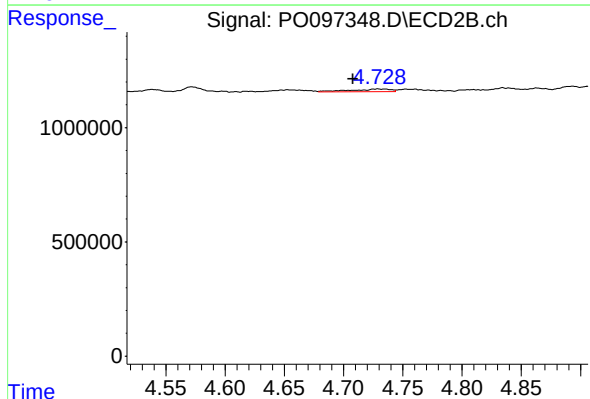
R.T.: 8.626 min
Delta R.T.: -0.018 min
Response: 20178366
Conc: 17.44 ng/ml



#3 AR-1016-1

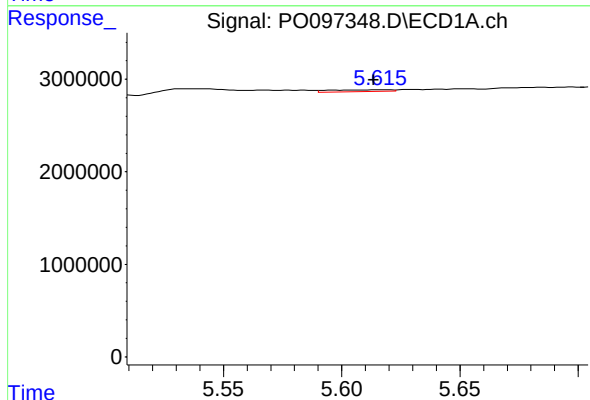
R.T.: 5.584 min
Delta R.T.: -0.006 min
Response: 142897
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



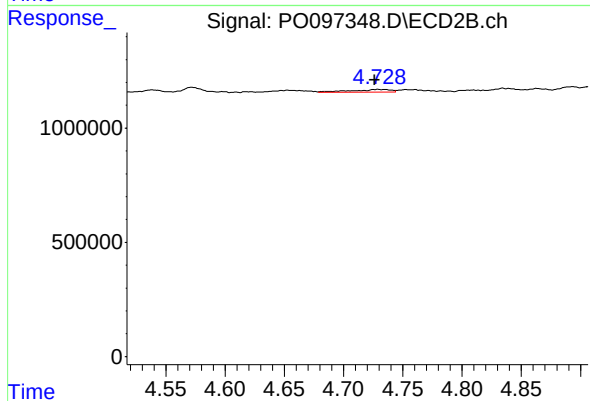
#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.021 min
Response: 245124
Conc: 5.53 ng/ml



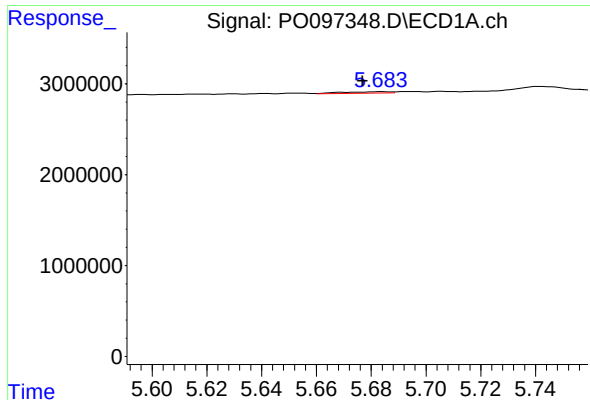
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: 0.002 min
Response: 363131
Conc: 2.71 ng/ml



#4 AR-1016-2

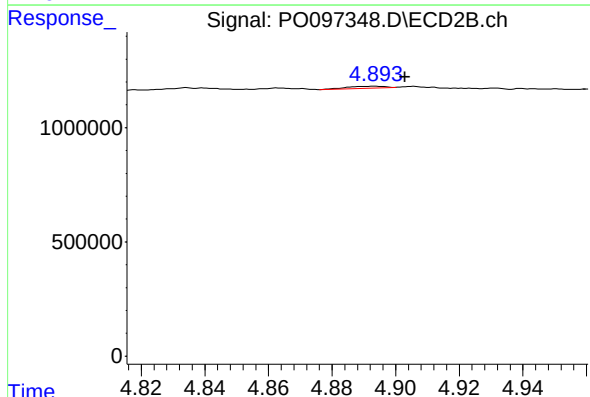
R.T.: 4.729 min
Delta R.T.: 0.002 min
Response: 245124
Conc: 4.01 ng/ml



#5 AR-1016-3

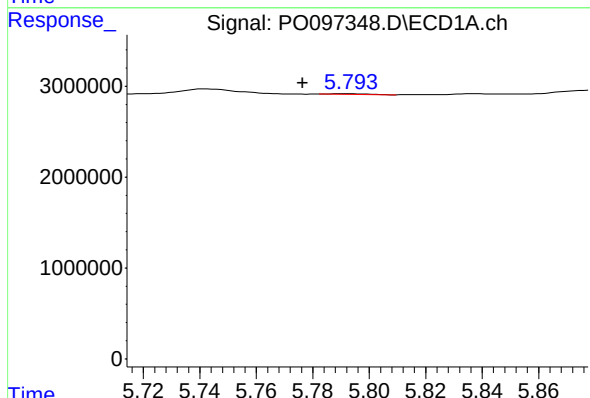
R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 206709
Conc: 2.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



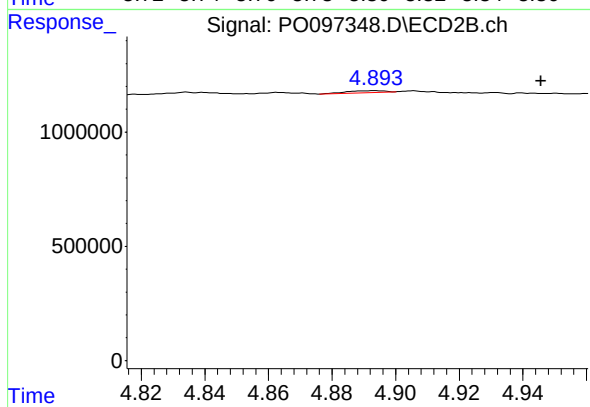
#5 AR-1016-3

R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 64877
Conc: 1.99 ng/ml



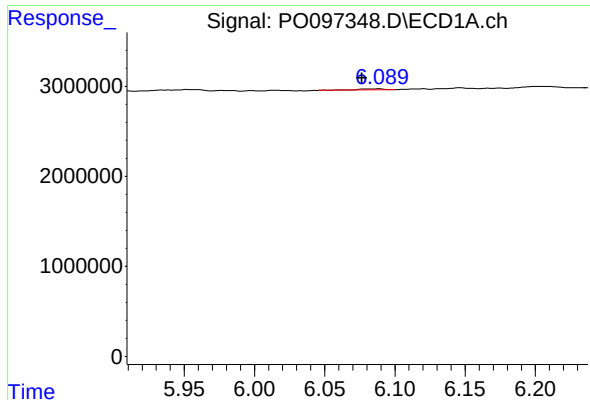
#6 AR-1016-4

R.T.: 5.793 min
Delta R.T.: 0.016 min
Response: 73596
Conc: 1.10 ng/ml



#6 AR-1016-4

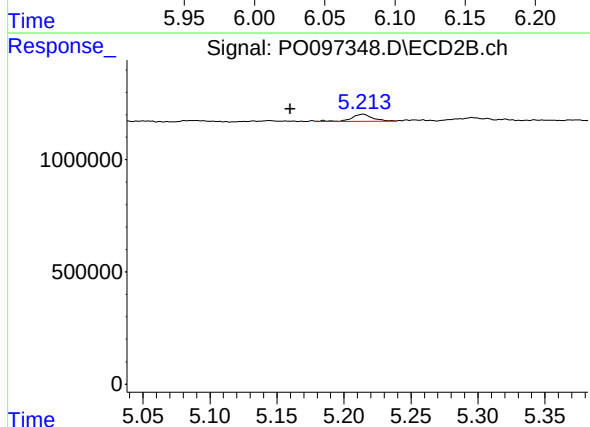
R.T.: 4.893 min
Delta R.T.: -0.053 min
Response: 64877
Conc: 2.27 ng/ml



#7 AR-1016-5

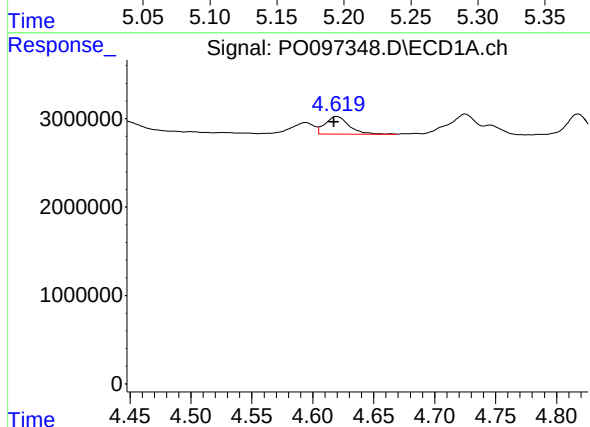
R.T.: 6.089 min
Delta R.T.: 0.013 min
Response: 167141
Conc: 2.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



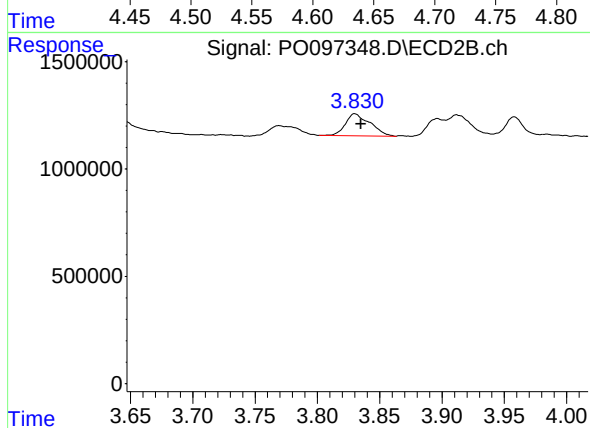
#7 AR-1016-5

R.T.: 5.214 min
Delta R.T.: 0.054 min
Response: 339106
Conc: 8.82 ng/ml



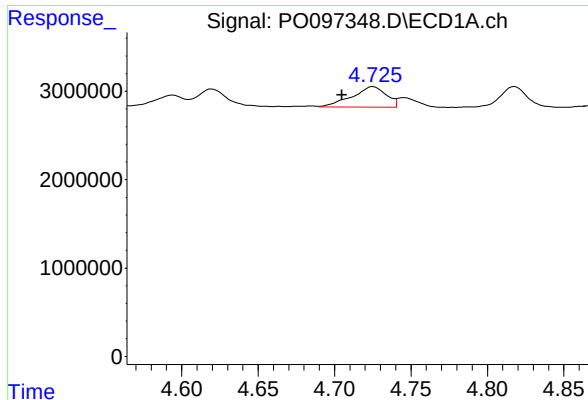
#8 AR-1221-1

R.T.: 4.620 min
Delta R.T.: 0.002 min
Response: 2697745
Conc: 66.19 ng/ml



#8 AR-1221-1

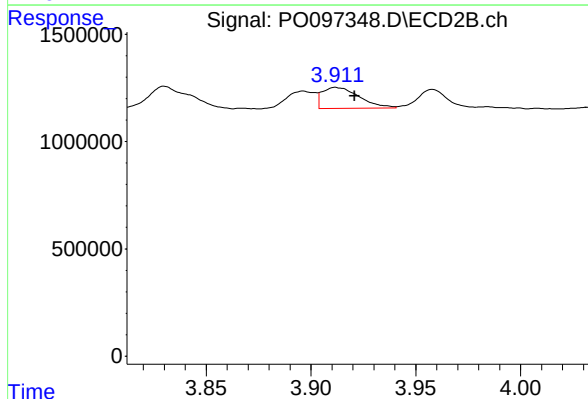
R.T.: 3.830 min
Delta R.T.: -0.005 min
Response: 1425088
Conc: 82.10 ng/ml



#9 AR-1221-2

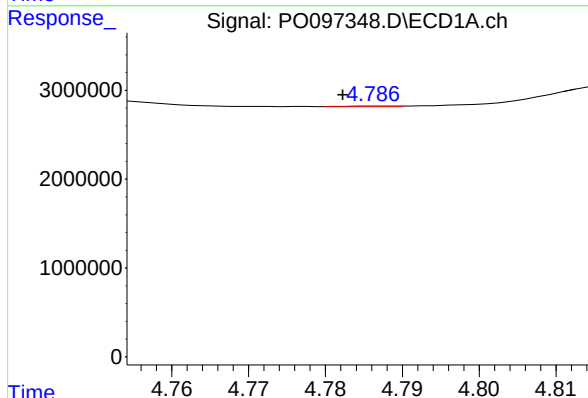
R.T.: 4.725 min
Delta R.T.: 0.021 min
Response: 3609106
Conc: 118.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



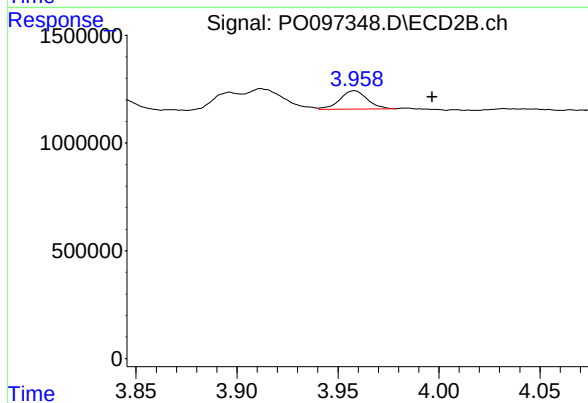
#9 AR-1221-2

R.T.: 3.912 min
Delta R.T.: -0.009 min
Response: 1199288
Conc: 92.82 ng/ml



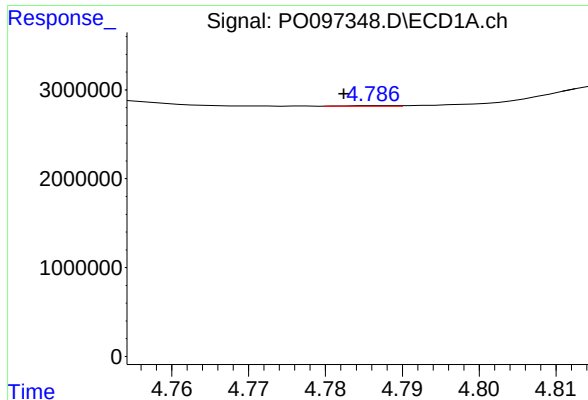
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 20636
Conc: 0.24 ng/ml



#10 AR-1221-3

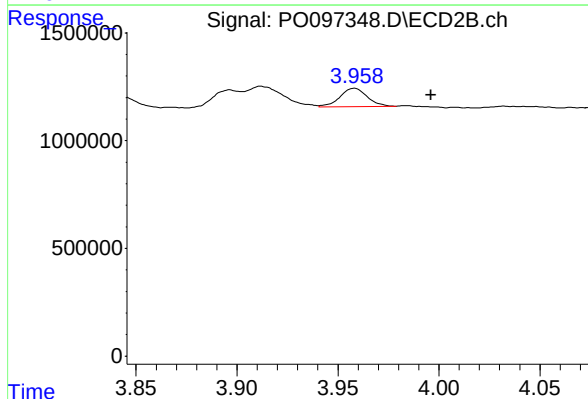
R.T.: 3.958 min
Delta R.T.: -0.039 min
Response: 794688
Conc: 20.02 ng/ml



#11 AR-1232-1

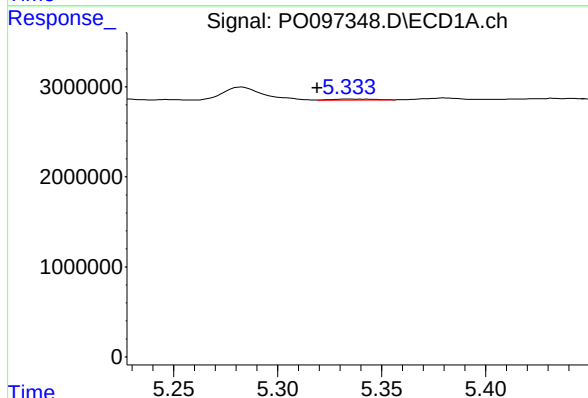
R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 20636
Conc: 0.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



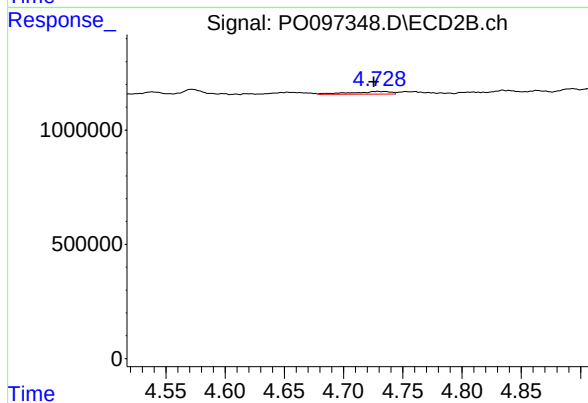
#11 AR-1232-1

R.T.: 3.958 min
Delta R.T.: -0.038 min
Response: 794688
Conc: 24.57 ng/ml



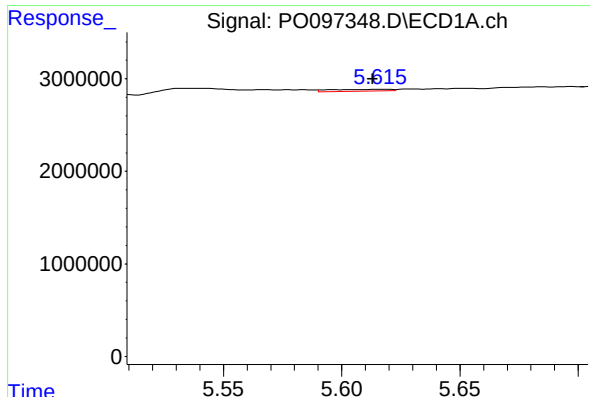
#12 AR-1232-2

R.T.: 5.334 min
Delta R.T.: 0.015 min
Response: 151665
Conc: 3.83 ng/ml



#12 AR-1232-2

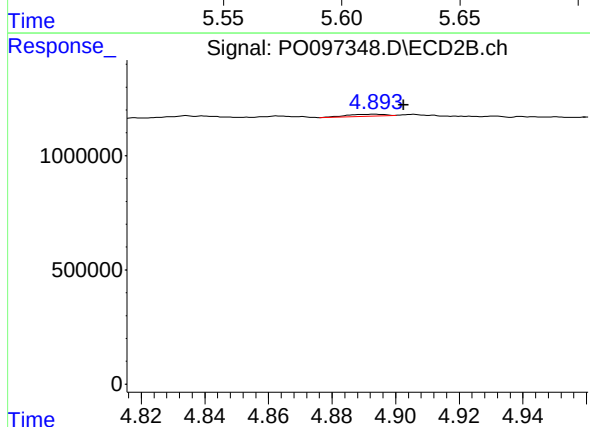
R.T.: 4.729 min
Delta R.T.: 0.003 min
Response: 245124
Conc: 8.50 ng/ml



#13 AR-1232-3

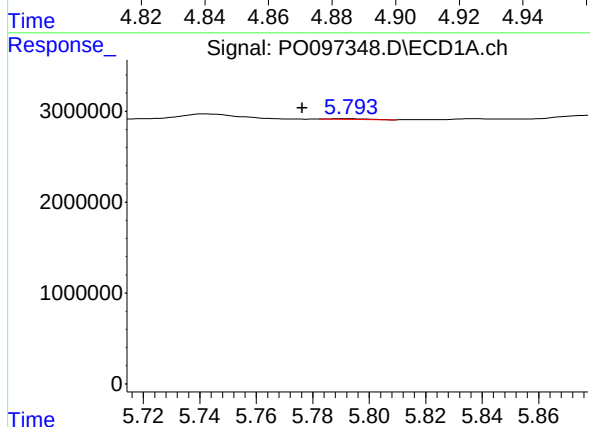
R.T.: 5.615 min
Delta R.T.: 0.003 min
Response: 363131
Conc: 5.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



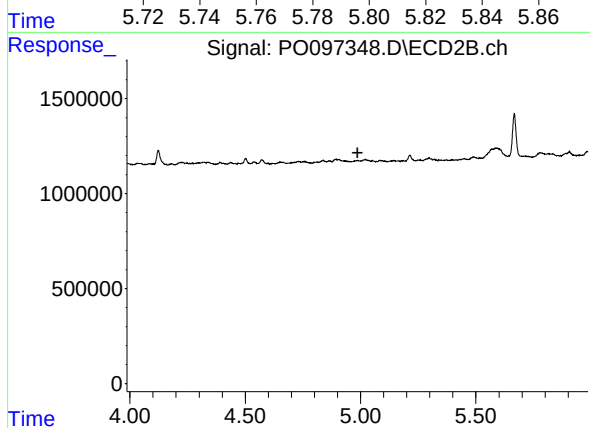
#13 AR-1232-3

R.T.: 4.893 min
Delta R.T.: -0.009 min
Response: 64877
Conc: 4.28 ng/ml



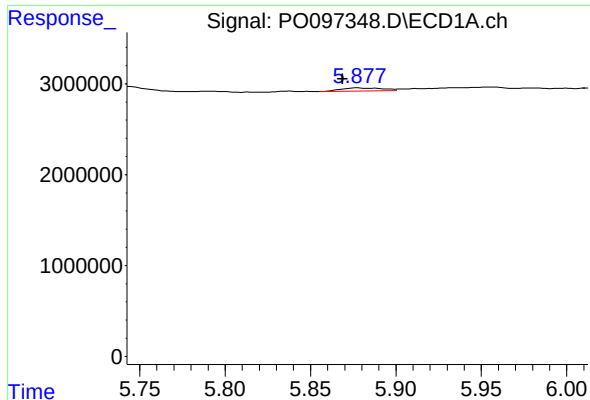
#14 AR-1232-4

R.T.: 5.793 min
Delta R.T.: 0.016 min
Response: 73596
Conc: 2.41 ng/ml



#14 AR-1232-4

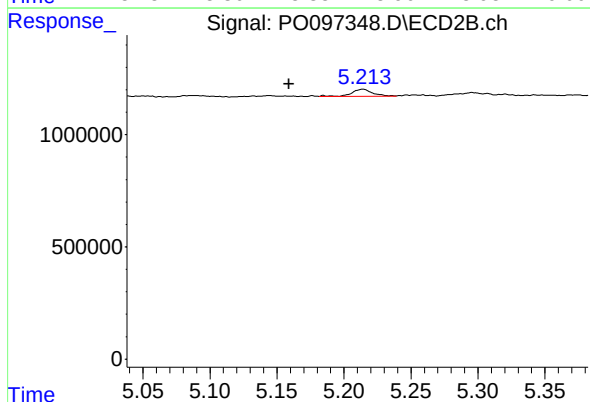
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#15 AR-1232-5

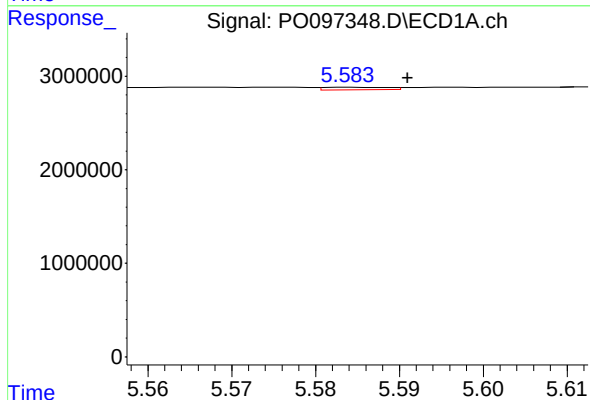
R.T.: 5.878 min
Delta R.T.: 0.009 min
Response: 600738
Conc: 21.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



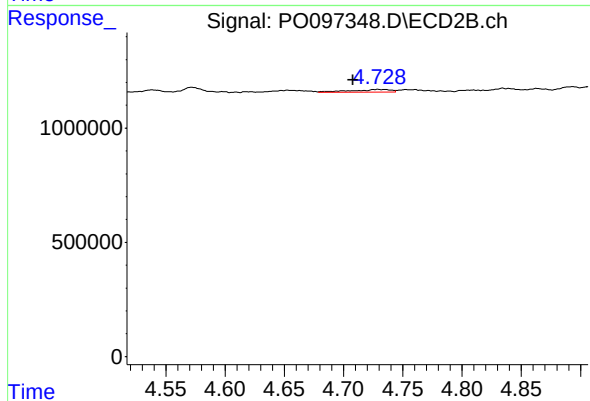
#15 AR-1232-5

R.T.: 5.214 min
Delta R.T.: 0.055 min
Response: 339106
Conc: 20.74 ng/ml



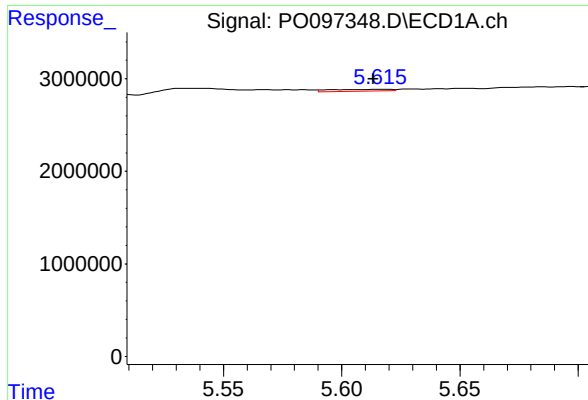
#16 AR-1242-1

R.T.: 5.584 min
Delta R.T.: -0.007 min
Response: 142897
Conc: 1.70 ng/ml



#16 AR-1242-1

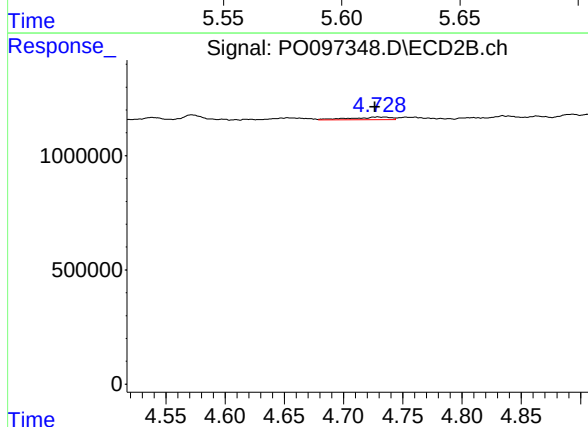
R.T.: 4.729 min
Delta R.T.: 0.021 min
Response: 245124
Conc: 6.22 ng/ml



#17 AR-1242-2

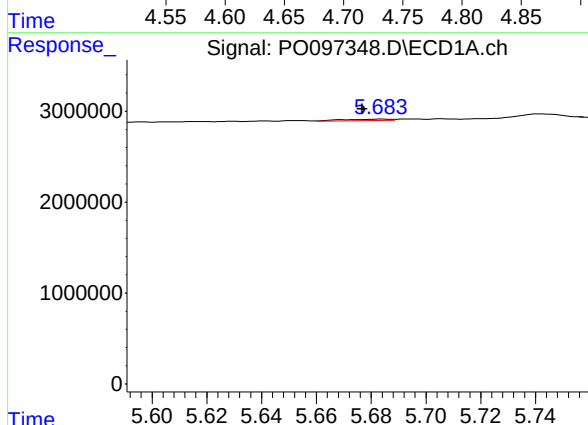
R.T.: 5.615 min
Delta R.T.: 0.002 min
Response: 363131
Conc: 3.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



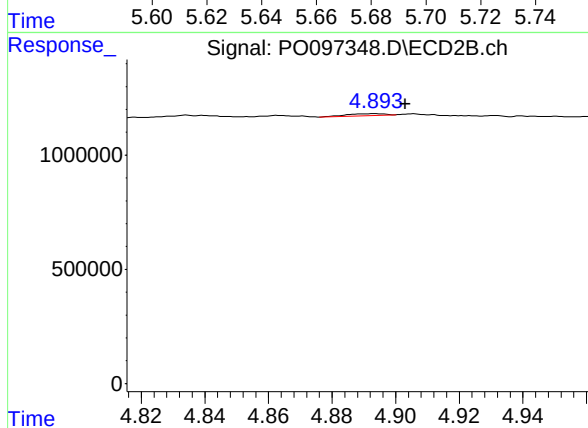
#17 AR-1242-2

R.T.: 4.729 min
Delta R.T.: 0.002 min
Response: 245124
Conc: 4.50 ng/ml



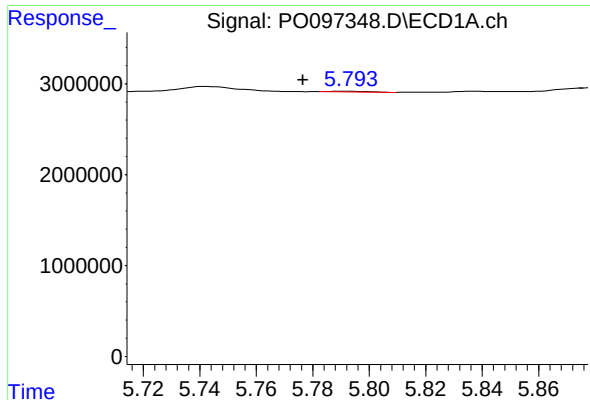
#18 AR-1242-3

R.T.: 5.684 min
Delta R.T.: 0.007 min
Response: 206709
Conc: 2.80 ng/ml



#18 AR-1242-3

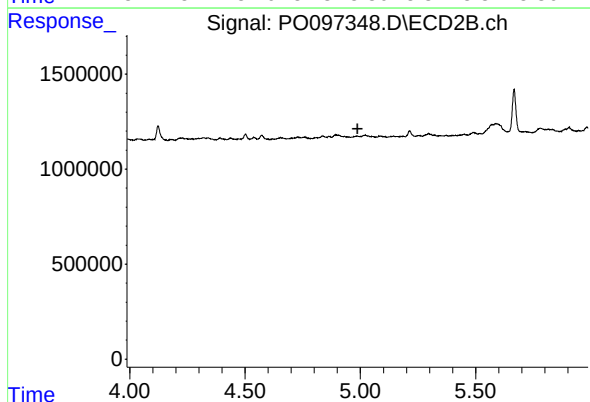
R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 64877
Conc: 2.19 ng/ml



#19 AR-1242-4

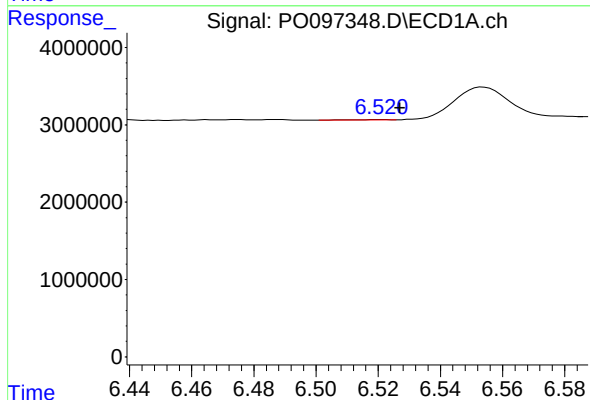
R.T.: 5.793 min
Delta R.T.: 0.016 min
Response: 73596
Conc: 1.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



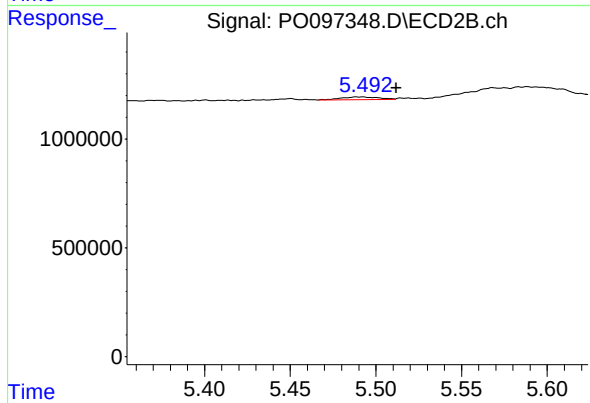
#19 AR-1242-4

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



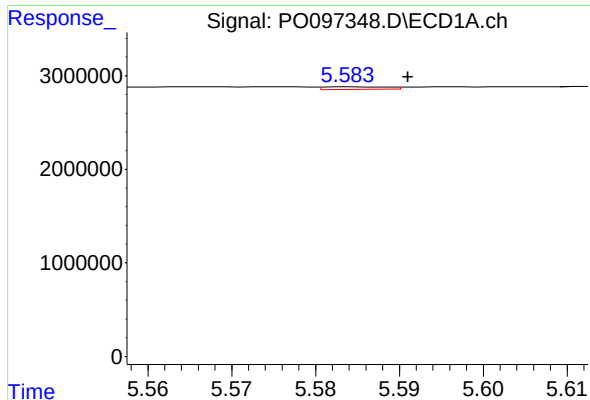
#20 AR-1242-5

R.T.: 6.520 min
Delta R.T.: -0.007 min
Response: 31564
Conc: 0.57 ng/ml



#20 AR-1242-5

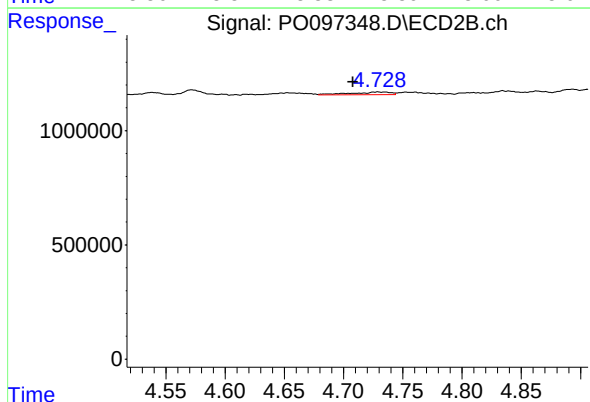
R.T.: 5.492 min
Delta R.T.: -0.020 min
Response: 192280
Conc: 5.28 ng/ml



#21 AR-1248-1

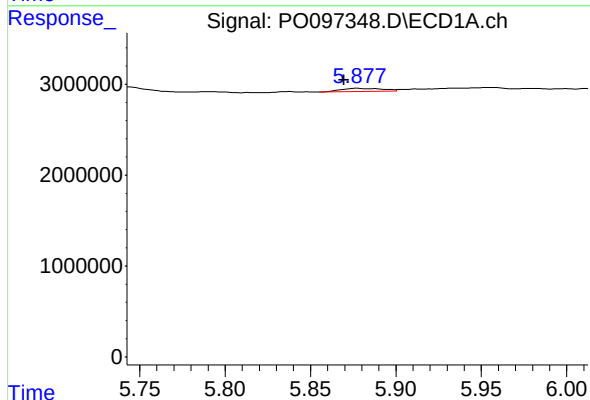
R.T.: 5.584 min
Delta R.T.: -0.007 min
Response: 142897
Conc: 2.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



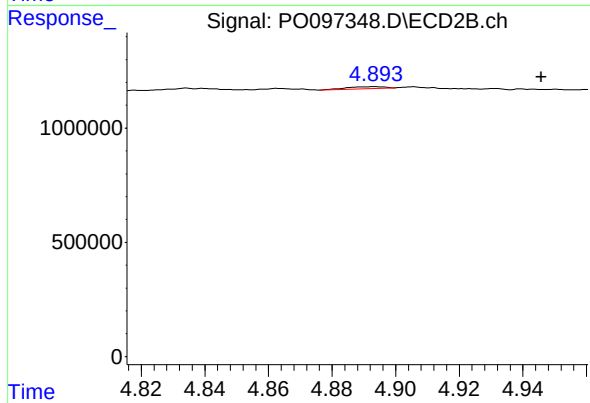
#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.021 min
Response: 245124
Conc: 8.73 ng/ml



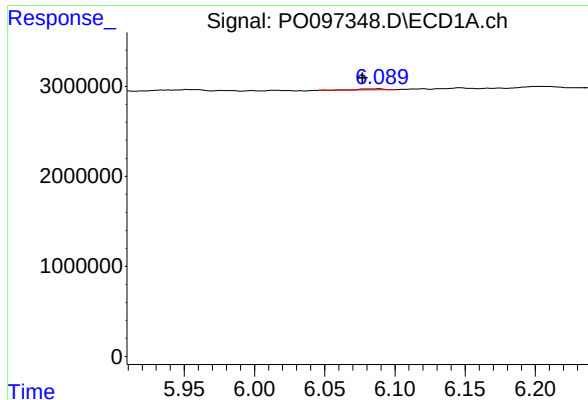
#22 AR-1248-2

R.T.: 5.878 min
Delta R.T.: 0.008 min
Response: 600738
Conc: 6.39 ng/ml



#22 AR-1248-2

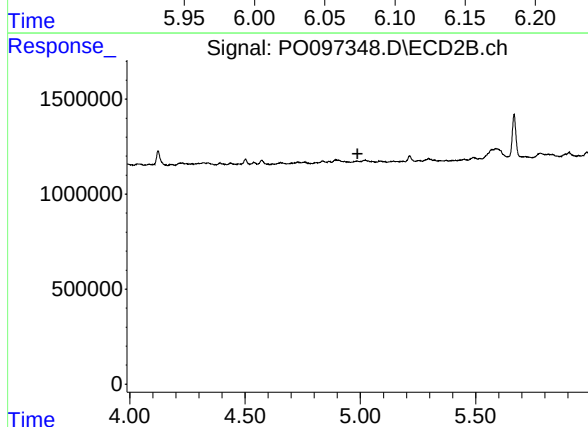
R.T.: 4.893 min
Delta R.T.: -0.053 min
Response: 64877
Conc: 1.53 ng/ml



#23 AR-1248-3

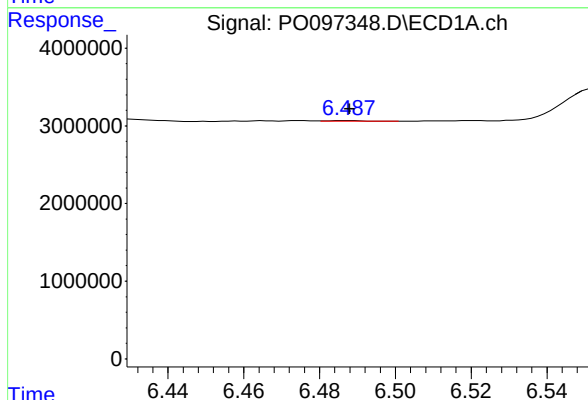
R.T.: 6.089 min
Delta R.T.: 0.012 min
Response: 167141
Conc: 1.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



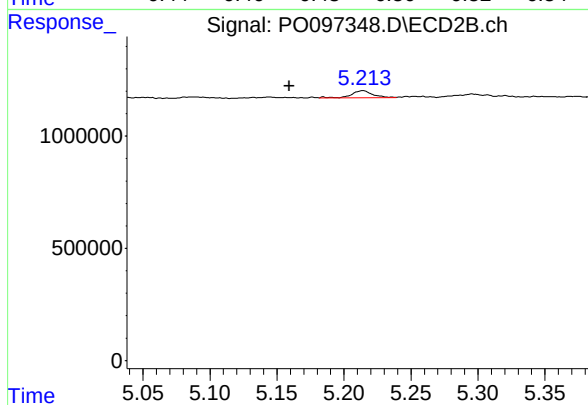
#23 AR-1248-3

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



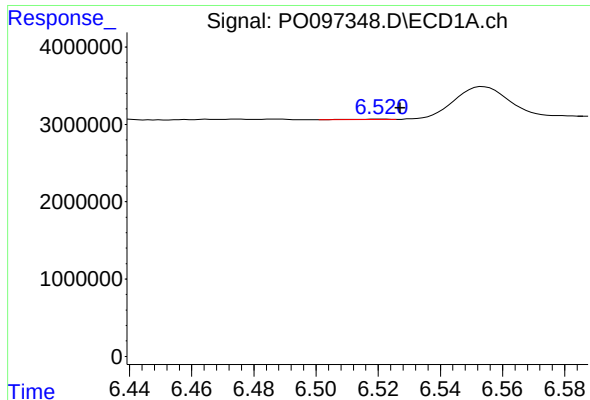
#24 AR-1248-4

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 53395
Conc: 0.59 ng/ml



#24 AR-1248-4

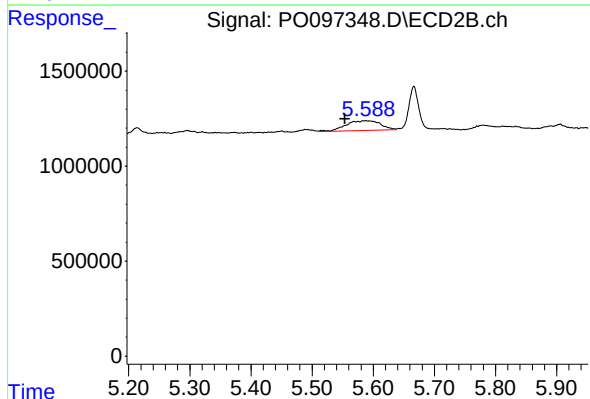
R.T.: 5.214 min
Delta R.T.: 0.055 min
Response: 339106
Conc: 6.64 ng/ml



#25 AR-1248-5

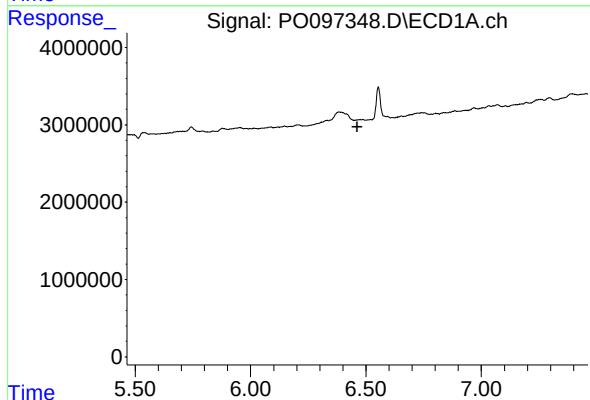
R.T.: 6.520 min
Delta R.T.: -0.007 min
Response: 31564
Conc: 0.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



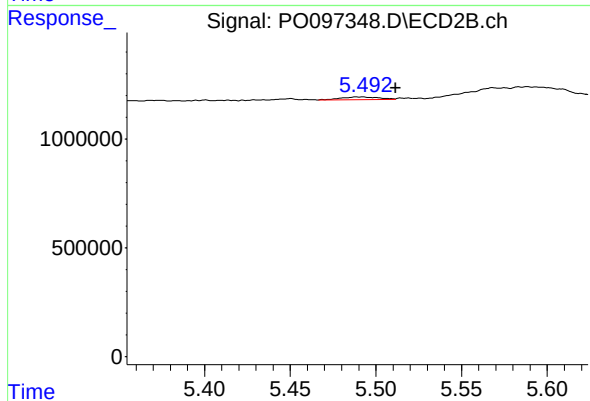
#25 AR-1248-5

R.T.: 5.588 min
Delta R.T.: 0.034 min
Response: 2050595
Conc: 43.86 ng/ml



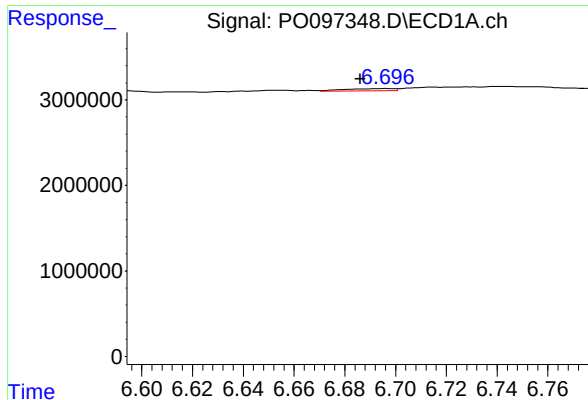
#26 AR-1254-1

R.T.: 6.465 min
Delta R.T.: 0.002 min
Response: -14311
Conc: N.D.



#26 AR-1254-1

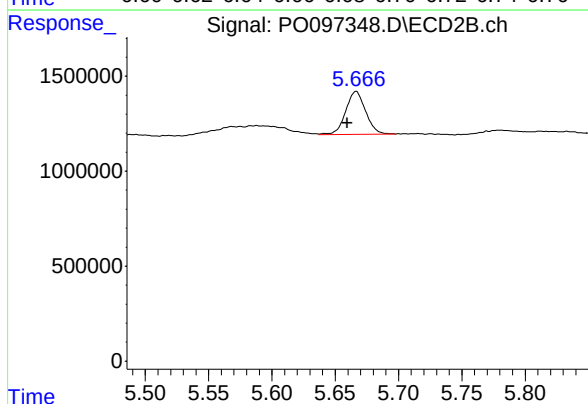
R.T.: 5.492 min
Delta R.T.: -0.019 min
Response: 192280
Conc: 2.61 ng/ml



#27 AR-1254-2

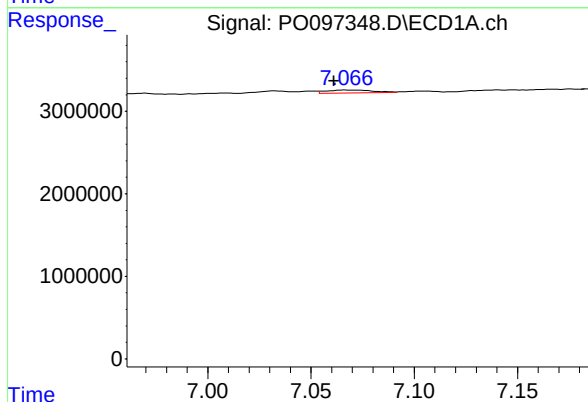
R.T.: 6.696 min
Delta R.T.: 0.010 min
Response: 374650
Conc: 2.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



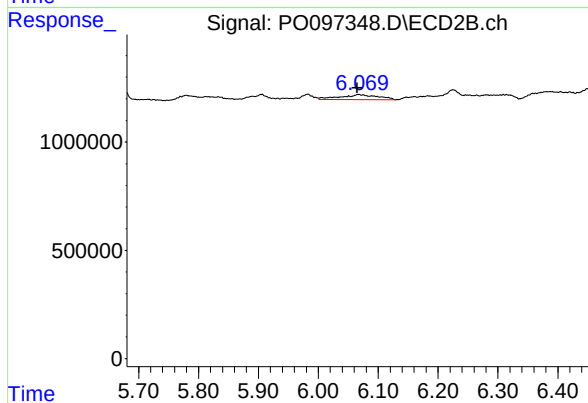
#27 AR-1254-2

R.T.: 5.666 min
Delta R.T.: 0.007 min
Response: 2495609
Conc: 37.88 ng/ml



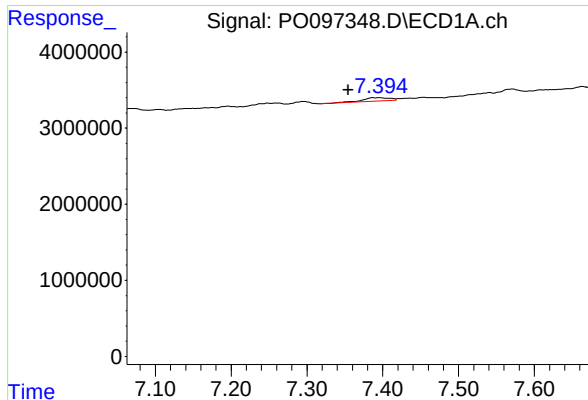
#28 AR-1254-3

R.T.: 7.067 min
Delta R.T.: 0.005 min
Response: 579450
Conc: 3.70 ng/ml



#28 AR-1254-3

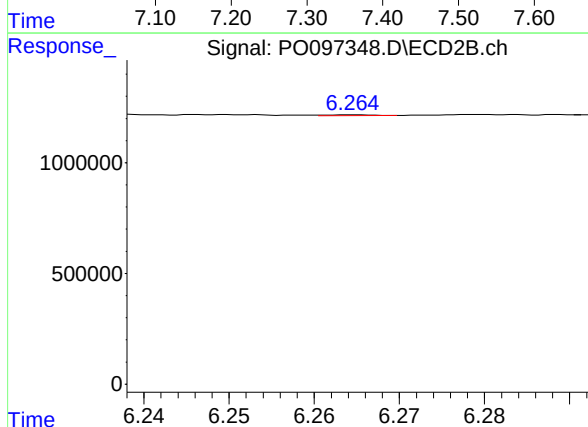
R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 1056107
Conc: 10.45 ng/ml



#29 AR-1254-4

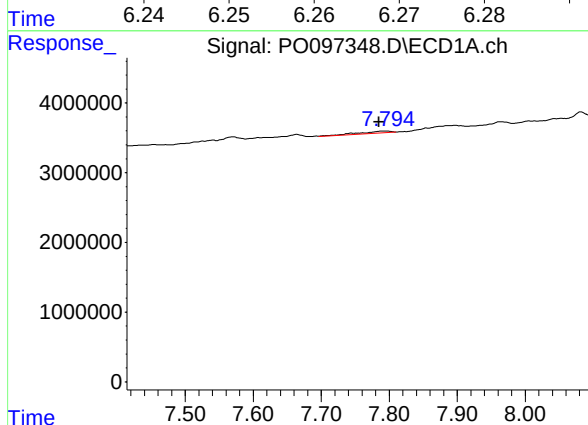
R.T.: 7.395 min
Delta R.T.: 0.041 min
Response: 1021831
Conc: 10.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



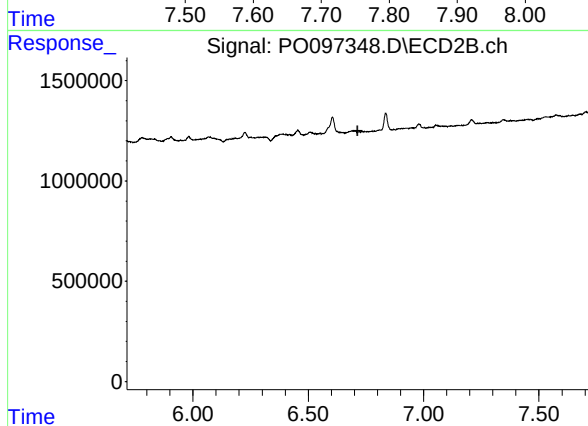
#29 AR-1254-4

R.T.: 6.265 min
Delta R.T.: -0.030 min
Response: 14558
Conc: 0.25 ng/ml



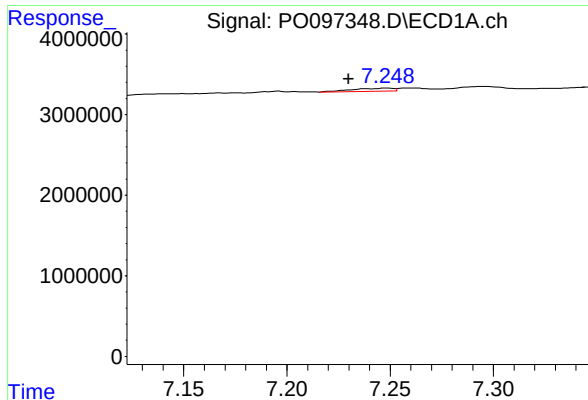
#30 AR-1254-5

R.T.: 7.796 min
Delta R.T.: 0.011 min
Response: 975618
Conc: 8.69 ng/ml



#30 AR-1254-5

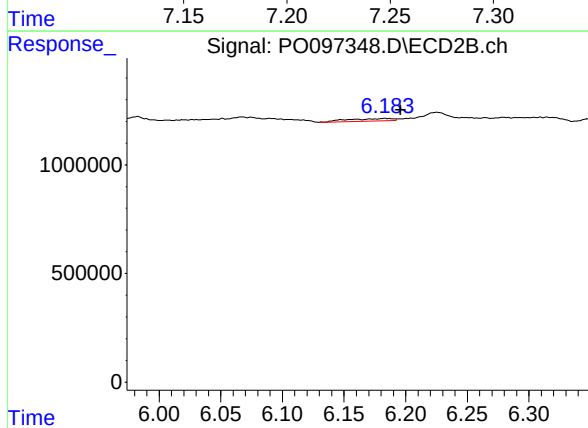
R.T.: 0.000 min
Exp R.T.: 6.713 min
Response: 0
Conc: N.D.



#31 AR-1260-1

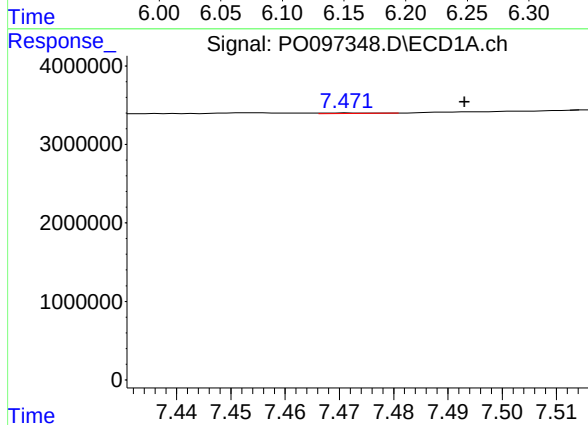
R.T.: 7.249 min
Delta R.T.: 0.019 min
Response: 519597
Conc: 4.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



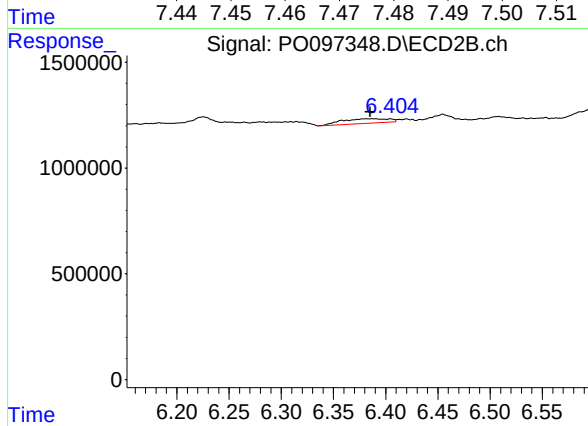
#31 AR-1260-1

R.T.: 6.184 min
Delta R.T.: -0.012 min
Response: 305472
Conc: 4.34 ng/ml



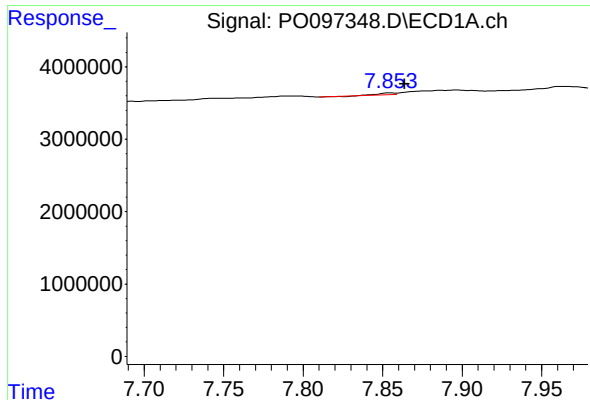
#32 AR-1260-2

R.T.: 7.471 min
Delta R.T.: -0.022 min
Response: 43227
Conc: 0.32 ng/ml



#32 AR-1260-2

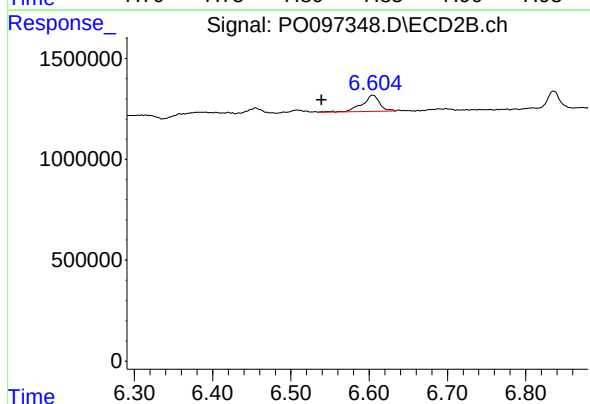
R.T.: 6.382 min
Delta R.T.: -0.004 min
Response: 668889
Conc: 8.01 ng/ml



#33 AR-1260-3

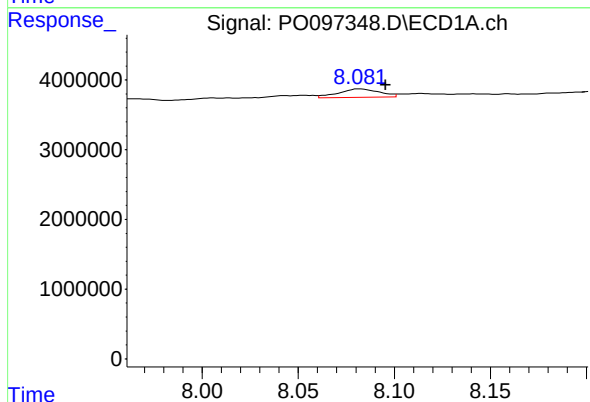
R.T.: 7.855 min
Delta R.T.: -0.009 min
Response: 185881
Conc: 1.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



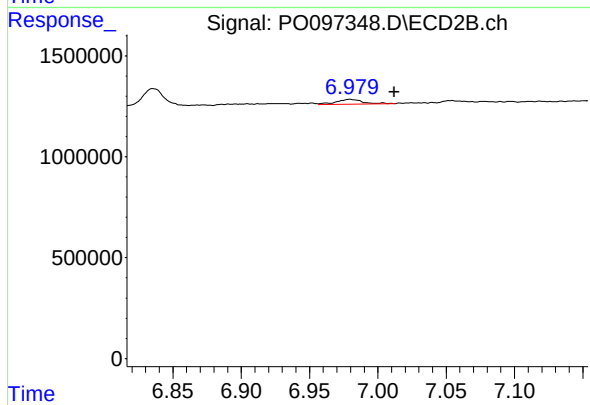
#33 AR-1260-3

R.T.: 6.605 min
Delta R.T.: 0.066 min
Response: 1229624
Conc: 15.92 ng/ml



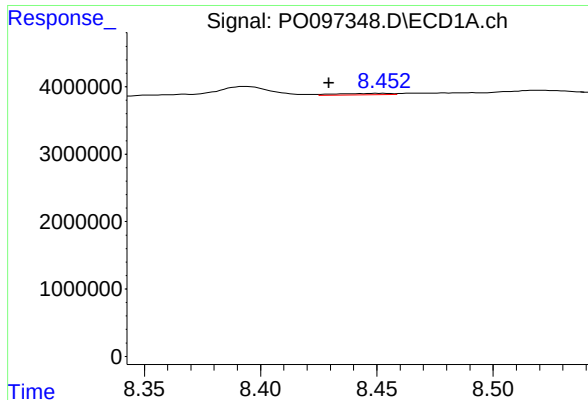
#34 AR-1260-4

R.T.: 8.082 min
Delta R.T.: -0.014 min
Response: 1747554
Conc: 15.63 ng/ml



#34 AR-1260-4

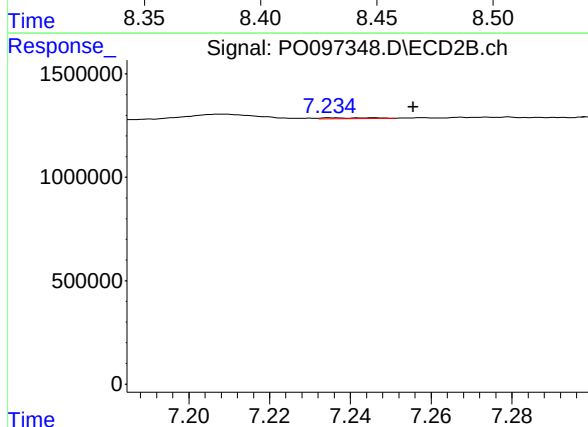
R.T.: 6.980 min
Delta R.T.: -0.033 min
Response: 332079
Conc: 5.18 ng/ml



#35 AR-1260-5

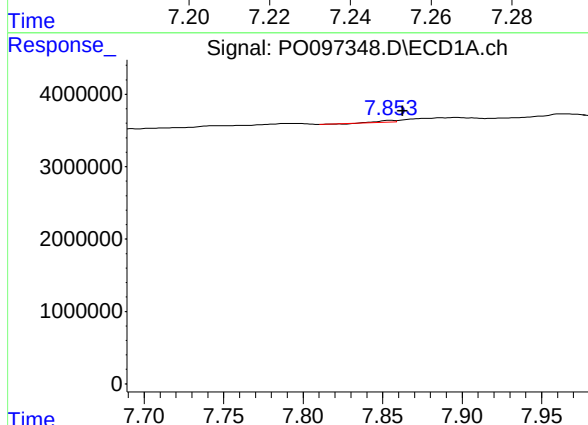
R.T.: 8.452 min
Delta R.T.: 0.022 min
Response: 330486
Conc: 1.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



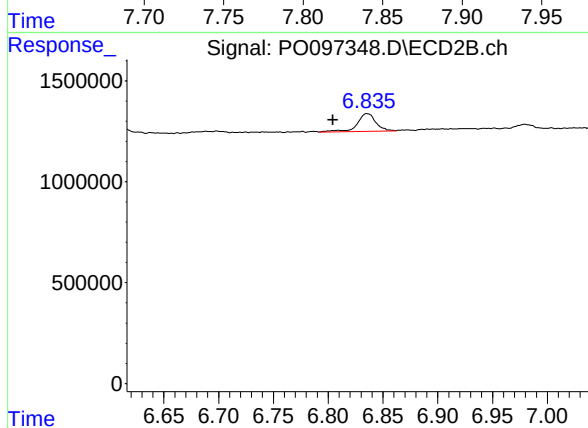
#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: -0.009 min
Response: 37274
Conc: 0.27 ng/ml



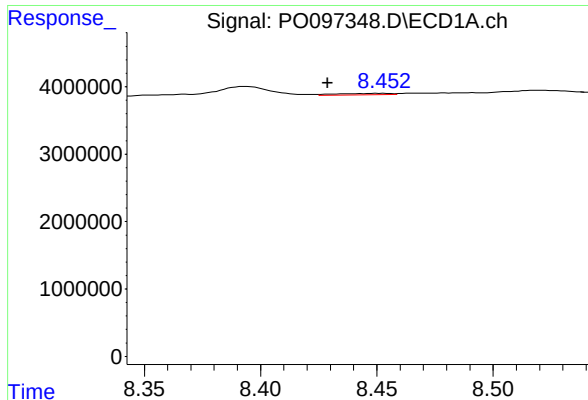
#36 AR-1262-1

R.T.: 7.855 min
Delta R.T.: -0.008 min
Response: 185881
Conc: 1.25 ng/ml



#36 AR-1262-1

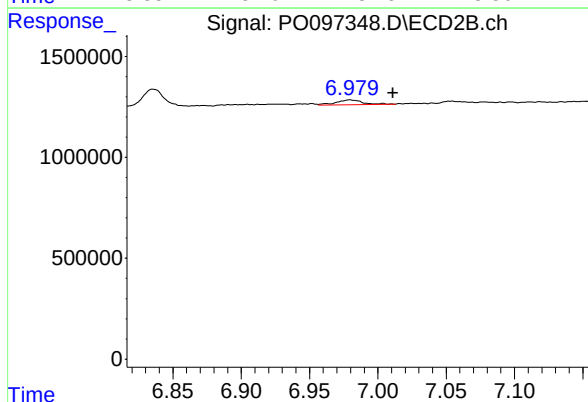
R.T.: 6.836 min
Delta R.T.: 0.031 min
Response: 1049347
Conc: 26.65 ng/ml



#37 AR-1262-2

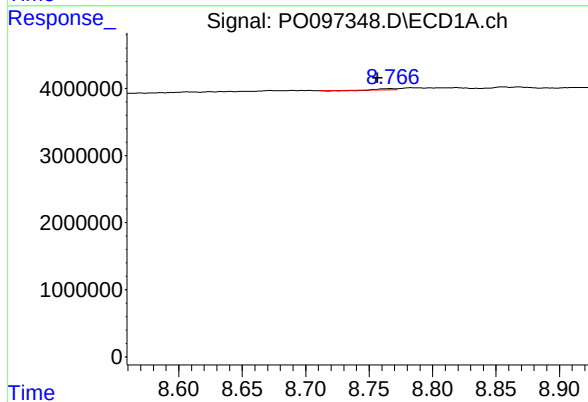
R.T.: 8.452 min
Delta R.T.: 0.023 min
Response: 330486
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



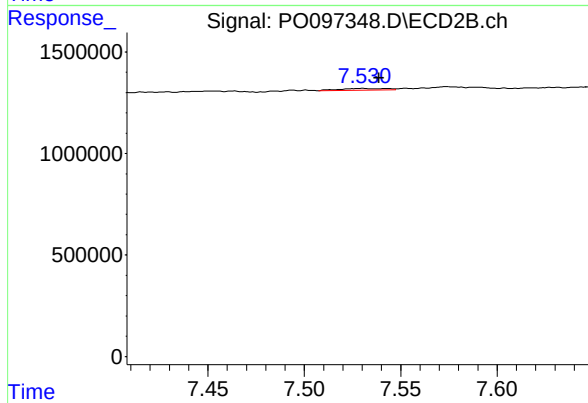
#37 AR-1262-2

R.T.: 6.980 min
Delta R.T.: -0.031 min
Response: 332079
Conc: 4.09 ng/ml



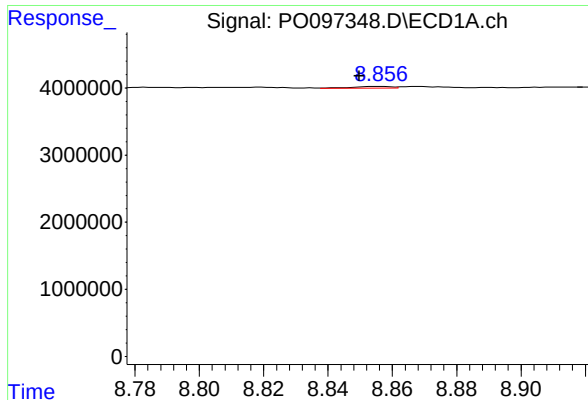
#38 AR-1262-3

R.T.: 8.768 min
Delta R.T.: 0.011 min
Response: 64012
Conc: 0.38 ng/ml



#38 AR-1262-3

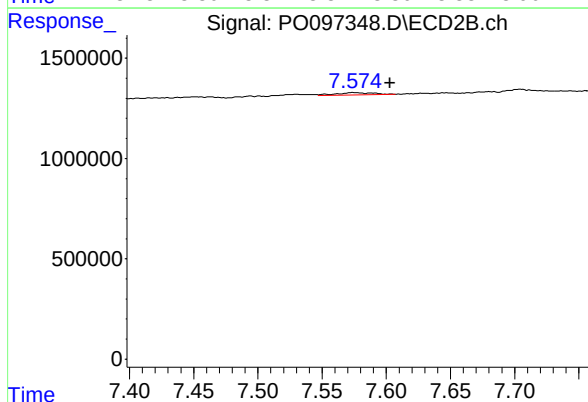
R.T.: 7.530 min
Delta R.T.: -0.009 min
Response: 148076
Conc: 2.31 ng/ml



#39 AR-1262-4

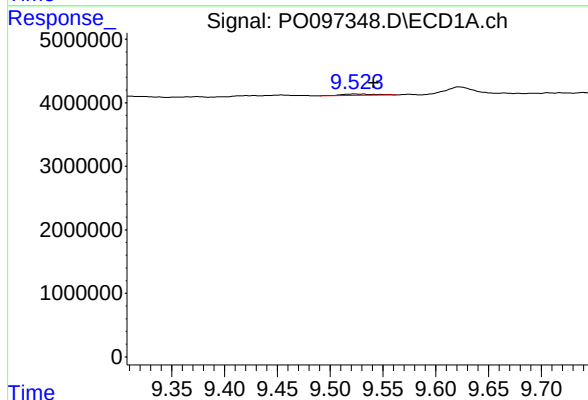
R.T.: 8.856 min
Delta R.T.: 0.006 min
Response: 236861
Conc: 3.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



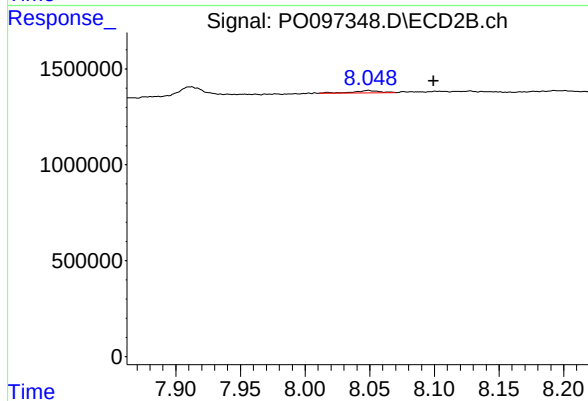
#39 AR-1262-4

R.T.: 7.574 min
Delta R.T.: -0.029 min
Response: 253412
Conc: 2.23 ng/ml



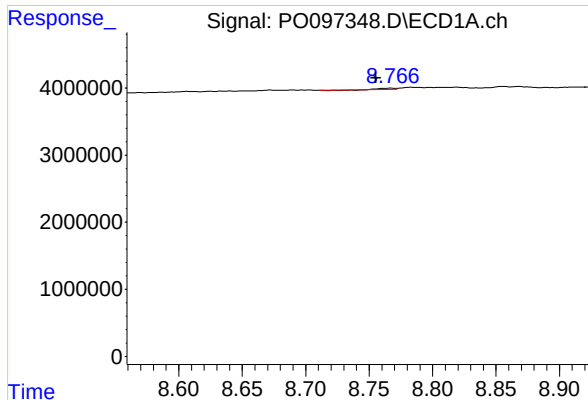
#40 AR-1262-5

R.T.: 9.523 min
Delta R.T.: -0.018 min
Response: 548778
Conc: 6.59 ng/ml



#40 AR-1262-5

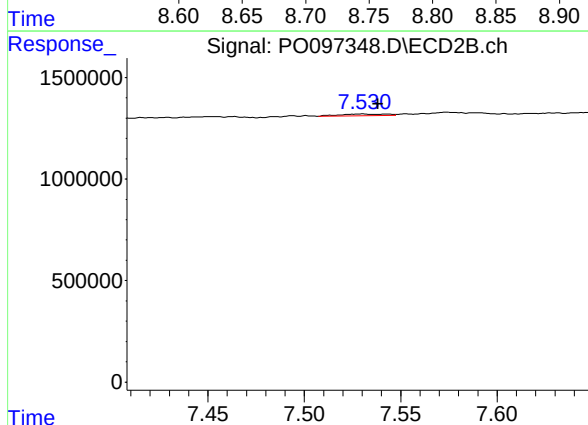
R.T.: 8.049 min
Delta R.T.: -0.051 min
Response: 176704
Conc: 3.36 ng/ml



#41 AR-1268-1

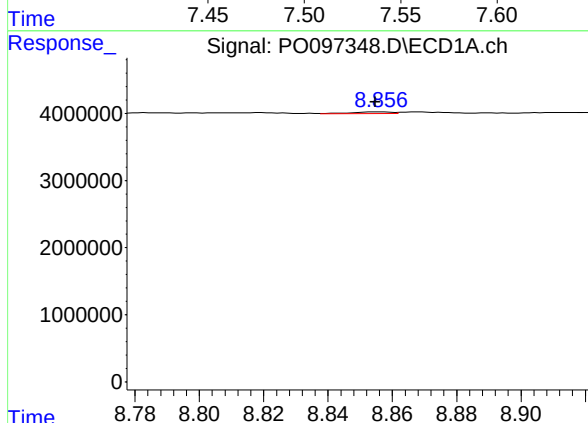
R.T.: 8.768 min
Delta R.T.: 0.012 min
Response: 64012
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



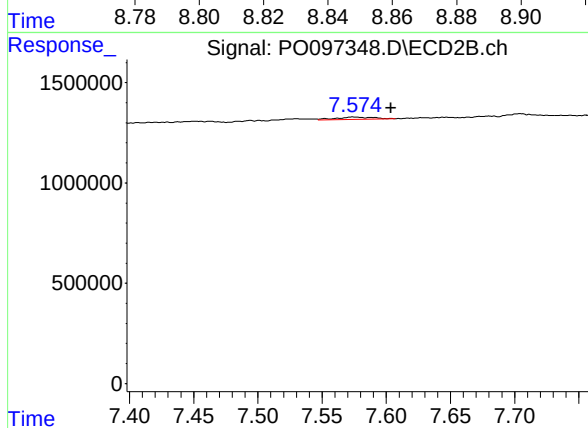
#41 AR-1268-1

R.T.: 7.530 min
Delta R.T.: -0.008 min
Response: 148076
Conc: 0.80 ng/ml



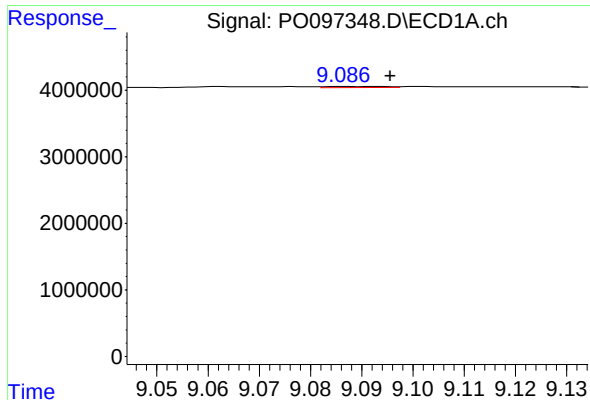
#42 AR-1268-2

R.T.: 8.856 min
Delta R.T.: 0.001 min
Response: 236861
Conc: 0.86 ng/ml



#42 AR-1268-2

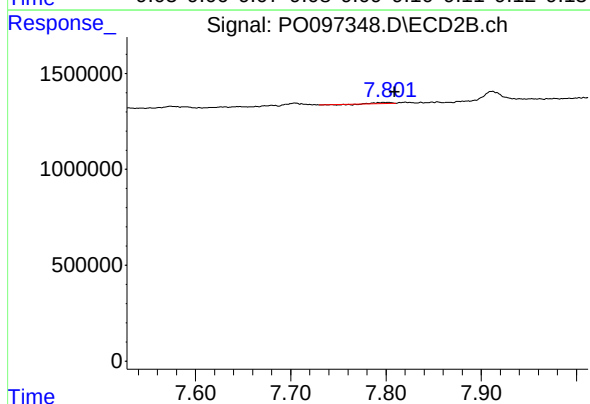
R.T.: 7.574 min
Delta R.T.: -0.030 min
Response: 253412
Conc: 1.51 ng/ml



#43 AR-1268-3

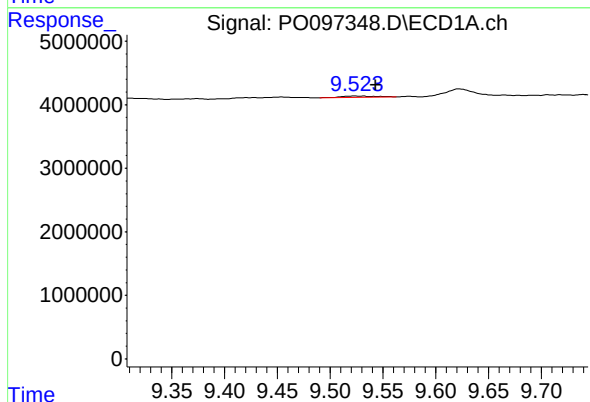
R.T.: 9.093 min
Delta R.T.: -0.003 min
Response: 140502
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



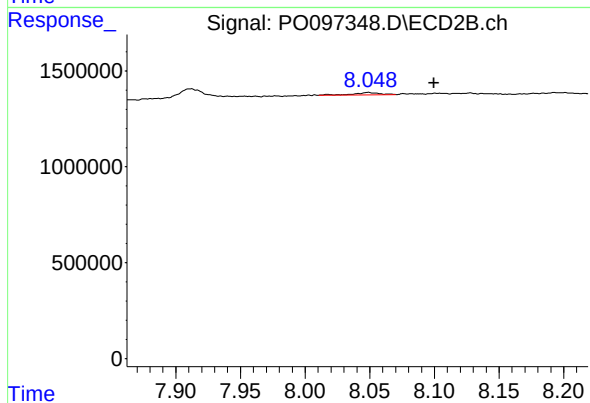
#43 AR-1268-3

R.T.: 7.802 min
Delta R.T.: -0.007 min
Response: 41328
Conc: 0.29 ng/ml



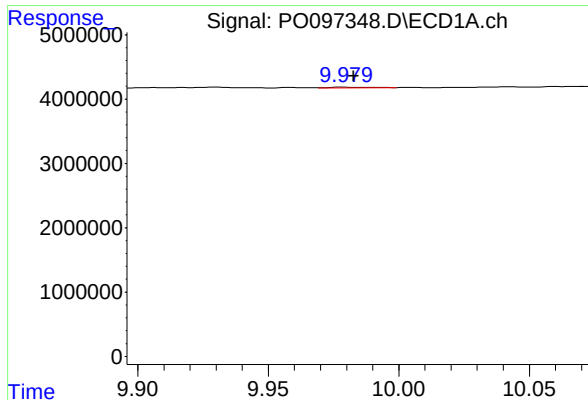
#44 AR-1268-4

R.T.: 9.523 min
Delta R.T.: -0.020 min
Response: 548778
Conc: 5.92 ng/ml



#44 AR-1268-4

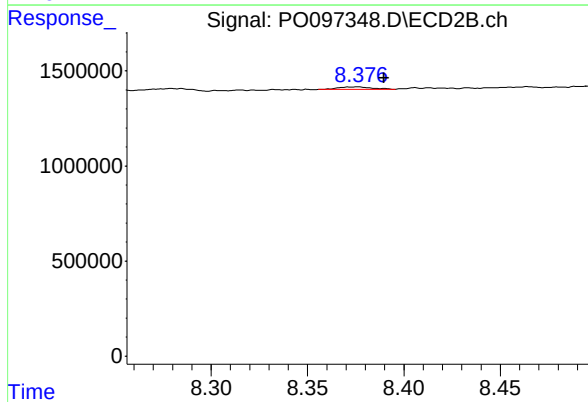
R.T.: 8.049 min
Delta R.T.: -0.051 min
Response: 176704
Conc: 2.97 ng/ml



#45 AR-1268-5

R.T.: 9.979 min
Delta R.T.: -0.004 min
Response: 146944
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.376 min
Delta R.T.: -0.014 min
Response: 167924
Conc: 0.40 ng/ml