

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111523\
 Data File : P0099810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2023 21:44
 Operator : YP/AJ
 Sample : 05412-05
 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: Nov 16 00:13:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 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...	4.490	3.716	32933430	25934574	19.258	21.956
2) SA Decachlor...	10.371	8.817	18892029	18841780	20.234	19.196
Target Compounds						
3) L1 AR-1016-1	5.682	4.840	78106	58027	1.765	2.178
4) L1 AR-1016-2	5.707	4.840	227542	58027	3.333	1.565 #
5) L1 AR-1016-3	5.764	5.021	266948	89990	5.841	4.558
6) L1 AR-1016-4	5.868	5.080	92216	56910	2.672	3.377 #
7) L1 AR-1016-5	6.165	5.237f	27549	28069	0.826	1.408 #
8) L2 AR-1221-1	4.700	3.947	232969	205671	11.095	13.621
9) L2 AR-1221-2	4.802	4.021	895201	527569	58.280	49.926
10) L2 AR-1221-3	4.854	4.112	18164	37195	0.403	1.221 #
11) L3 AR-1232-1	4.854	4.112	18164	37195	0.492	1.451 #
12) L3 AR-1232-2	5.420	4.840	95179	58027	5.170	3.257 #
13) L3 AR-1232-3	5.707	5.021	227542	89990	7.209	9.817 #
14) L3 AR-1232-4	5.868	5.120	92216	37741	6.032	4.427 #
15) L3 AR-1232-5	5.965	5.237f	18202	28069	1.416	3.059 #
16) L4 AR-1242-1	5.682	4.840	78106	58027	2.132	2.526
17) L4 AR-1242-2	5.707	4.840	227542	58027	4.017	1.847 #
18) L4 AR-1242-3	5.764	5.021	266948	89990	7.045	5.377
19) L4 AR-1242-4	5.868	5.120	92216	37741	3.215	2.184 #
20) L4 AR-1242-5	6.603	5.650	26323	34259	1.071	1.722 #
21) L5 AR-1248-1	5.682	4.840	78106	58027	2.907	3.316
22) L5 AR-1248-2	5.965	5.080	18202	56910	0.428	2.368 #
23) L5 AR-1248-3	6.165	5.120	27549	37741	0.599	1.528 #
24) L5 AR-1248-4	6.581	5.237f	23941	28069	0.577	0.994 #
25) L5 AR-1248-5	6.603	5.650	26323	34259	0.646	1.348 #
26) L6 AR-1254-1	6.555	5.650	144091	34259	2.976	0.827 #
27) L6 AR-1254-2	6.769	5.790	205042	27494	2.906	0.724 #
28) L6 AR-1254-3	7.134	6.187	224235	62872	3.303	0.972 #
29) L6 AR-1254-4	7.416	6.444	18593	237383	0.469	6.928 #
30) L6 AR-1254-5	7.852	6.851	118437	75190	2.412	1.226 #
31) L7 AR-1260-1	7.308	6.326	79125	65914	1.418	1.369
32) L7 AR-1260-2	7.579	6.540	111818	18827	1.854	0.332 #
33) L7 AR-1260-3	7.921	0.000	163044	0	3.901	N.D. #
34) L7 AR-1260-4	8.147	7.152	77564	30981	1.575	0.703 #
35) L7 AR-1260-5	8.493	7.389	18019	157433	0.215	1.584 #
36) L8 AR-1262-1	7.852	6.851	118437	75190	2.643	2.311
37) L8 AR-1262-2	8.493	7.152	18019	30981	0.175	0.474 #
38) L8 AR-1262-3	8.807	7.735f	21584	169505	0.294	3.297 #
39) L8 AR-1262-4	8.900	7.751	209243	61954	3.609	0.695 #
40) L8 AR-1262-5	9.575	8.264	47474	117399	1.450	3.012 #
41) L9 AR-1268-1	8.807	7.735f	21584	169505	0.162	1.185 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111523\
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 Acq On : 15 Nov 2023 21:44
 Operator : YP/AJ
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 00:13:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

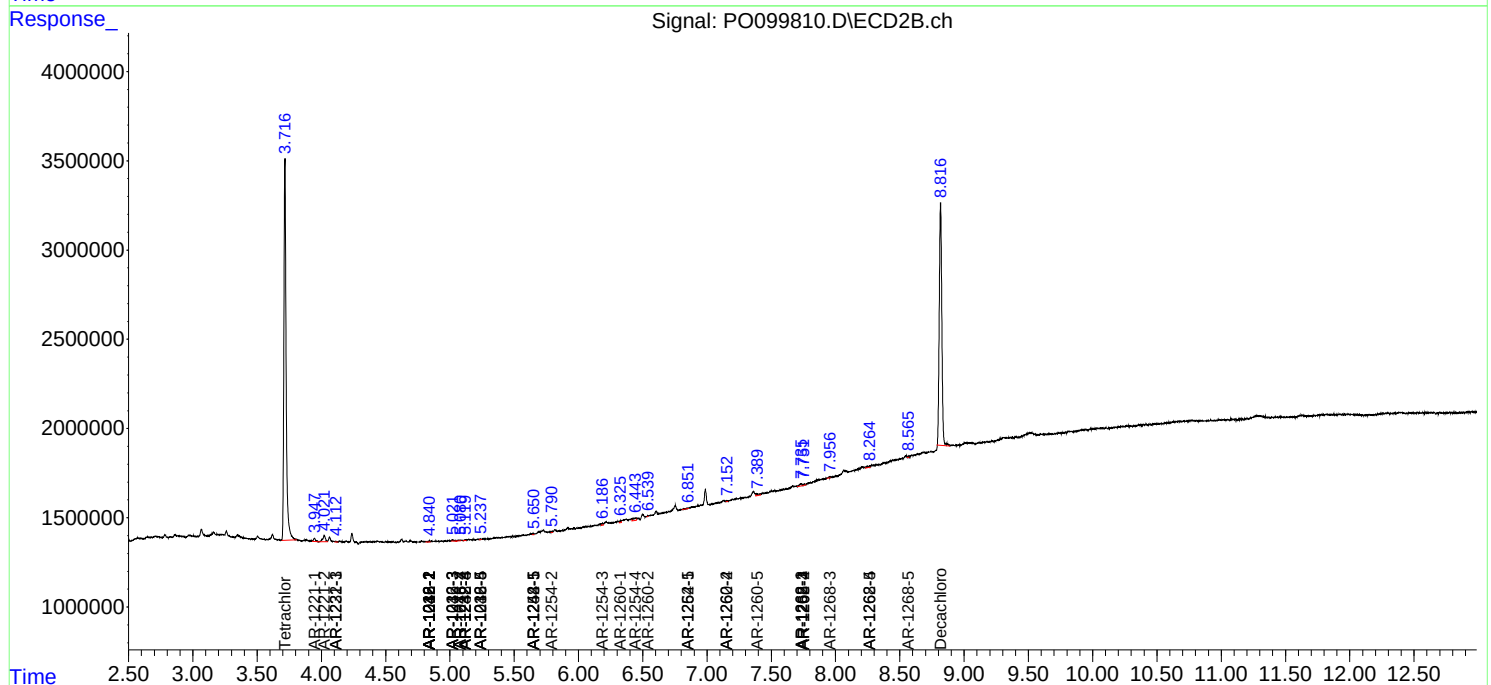
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

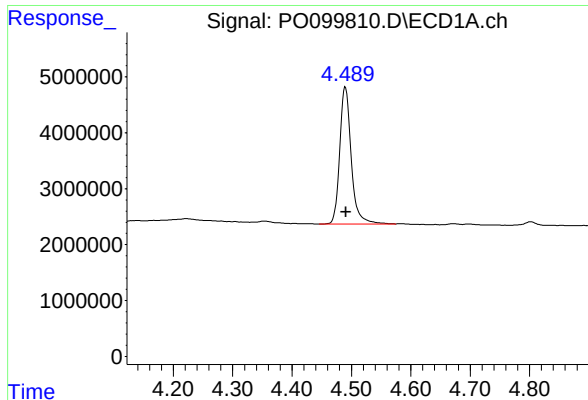
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.900	7.751	209243	61954	1.824	0.476 #
43) L9	AR-1268-3	9.130	7.955	25644	42515	0.235	0.349 #
44) L9	AR-1268-4	9.575	8.264	47474	117399	1.359	2.723 #
45) L9	AR-1268-5	10.020	8.566	180042	33210	0.563	0.096 #

(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

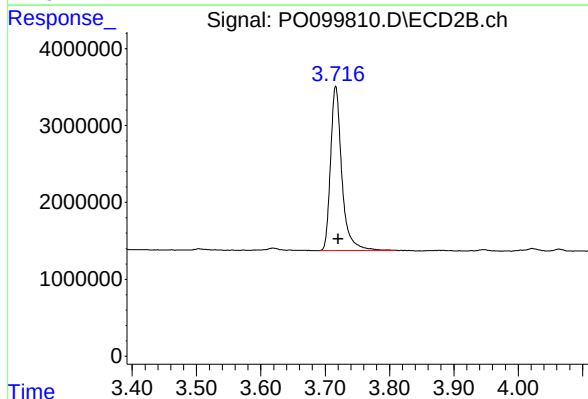




#1 Tetrachloro-m-xylene

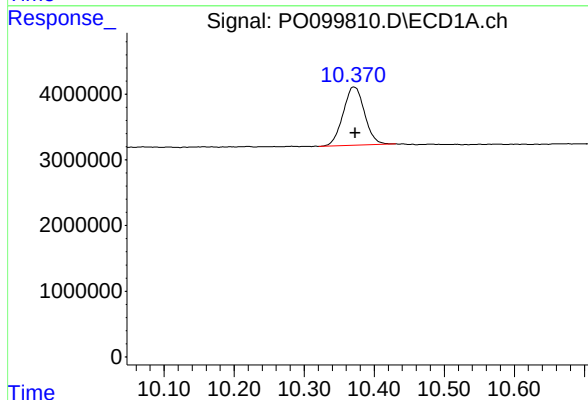
R.T.: 4.490 min
Delta R.T.: -0.001 min
Response: 32933430
Conc: 19.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



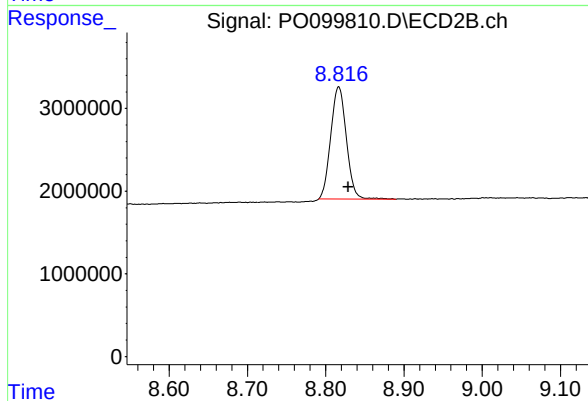
#1 Tetrachloro-m-xylene

R.T.: 3.716 min
Delta R.T.: -0.004 min
Response: 25934574
Conc: 21.96 ng/ml



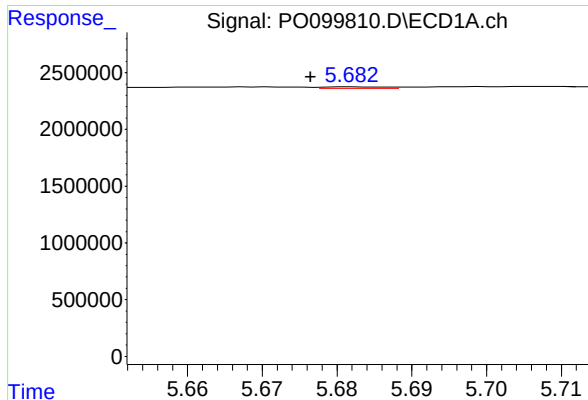
#2 Decachlorobiphenyl

R.T.: 10.371 min
Delta R.T.: -0.002 min
Response: 18892029
Conc: 20.23 ng/ml



#2 Decachlorobiphenyl

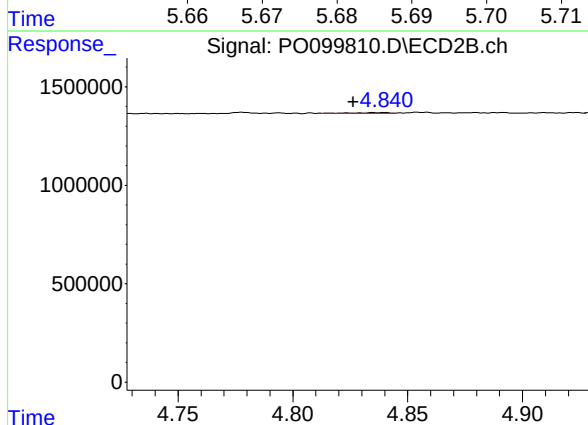
R.T.: 8.817 min
Delta R.T.: -0.012 min
Response: 18841780
Conc: 19.20 ng/ml



#3 AR-1016-1

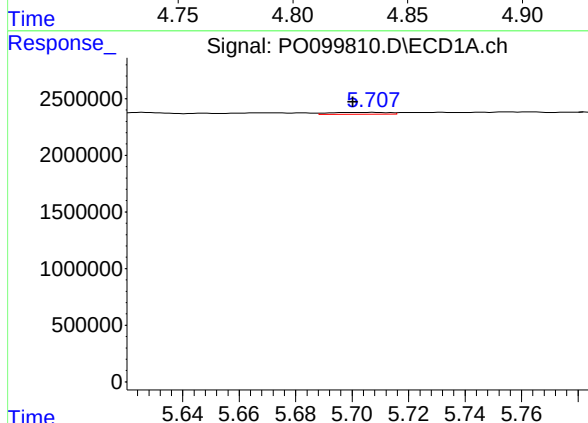
R.T.: 5.682 min
Delta R.T.: 0.006 min
Response: 78106
Conc: 1.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



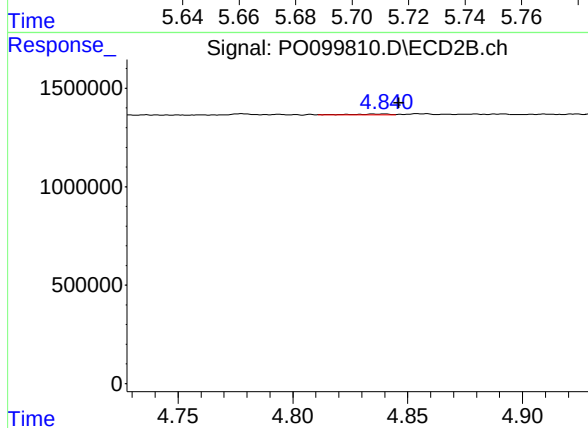
#3 AR-1016-1

R.T.: 4.840 min
Delta R.T.: 0.014 min
Response: 58027
Conc: 2.18 ng/ml



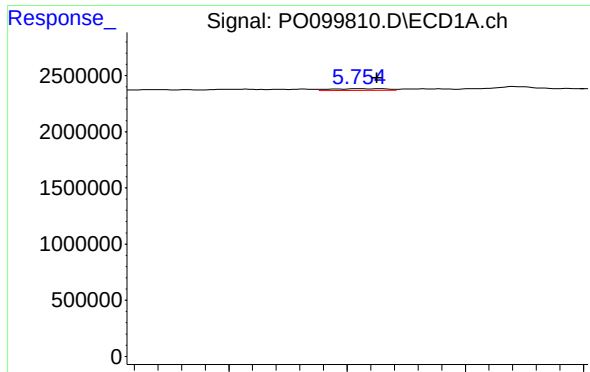
#4 AR-1016-2

R.T.: 5.707 min
Delta R.T.: 0.007 min
Response: 227542
Conc: 3.33 ng/ml



#4 AR-1016-2

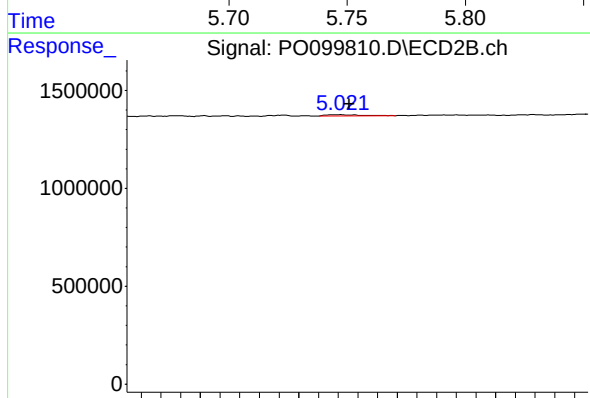
R.T.: 4.840 min
Delta R.T.: -0.006 min
Response: 58027
Conc: 1.56 ng/ml



#5 AR-1016-3

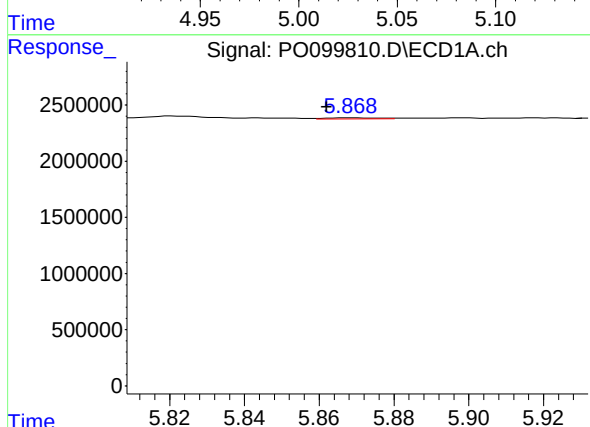
R.T.: 5.764 min
Delta R.T.: 0.002 min
Response: 266948
Conc: 5.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



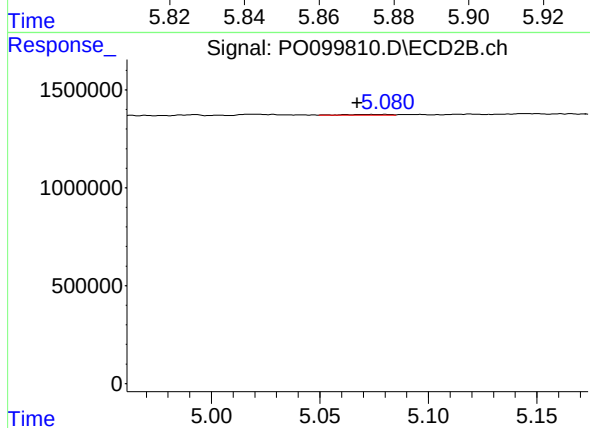
#5 AR-1016-3

R.T.: 5.021 min
Delta R.T.: -0.005 min
Response: 89990
Conc: 4.56 ng/ml



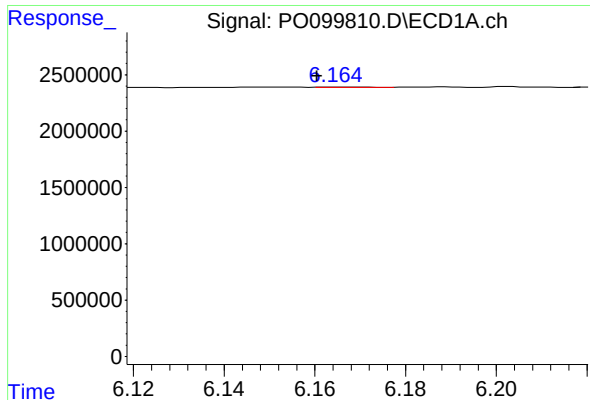
#6 AR-1016-4

R.T.: 5.868 min
Delta R.T.: 0.006 min
Response: 92216
Conc: 2.67 ng/ml



#6 AR-1016-4

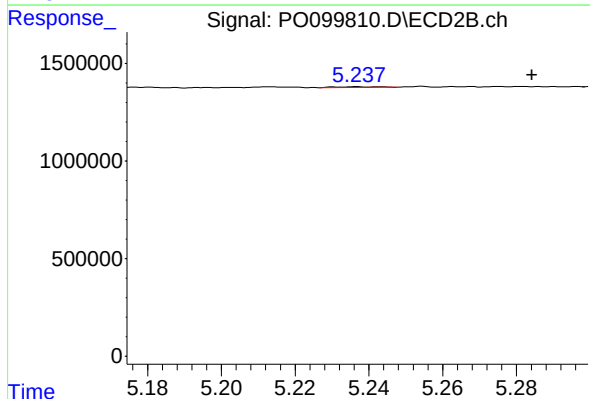
R.T.: 5.080 min
Delta R.T.: 0.013 min
Response: 56910
Conc: 3.38 ng/ml



#7 AR-1016-5

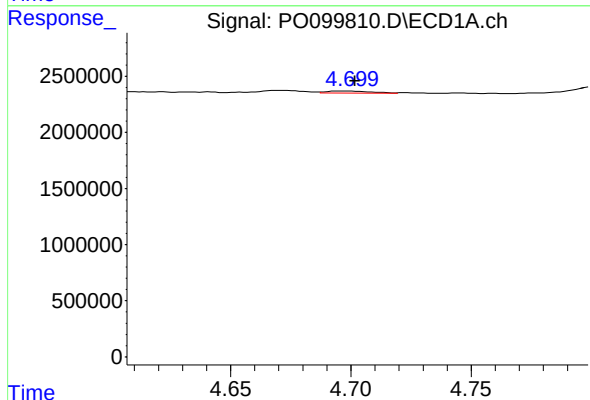
R.T.: 6.165 min
Delta R.T.: 0.005 min
Response: 27549
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



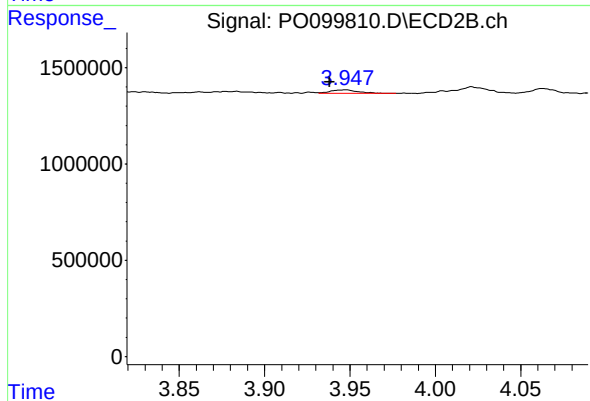
#7 AR-1016-5

R.T.: 5.237 min
Delta R.T.: -0.047 min
Response: 28069
Conc: 1.41 ng/ml



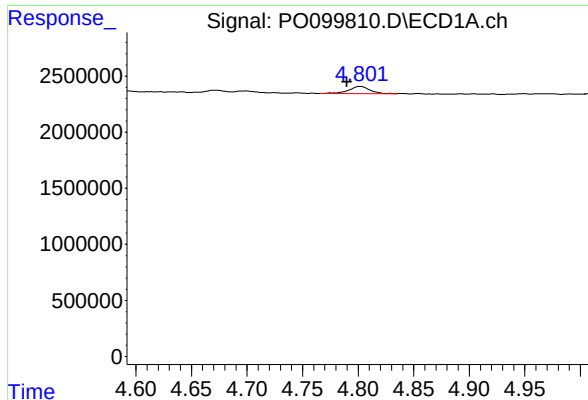
#8 AR-1221-1

R.T.: 4.700 min
Delta R.T.: -0.002 min
Response: 232969
Conc: 11.10 ng/ml



#8 AR-1221-1

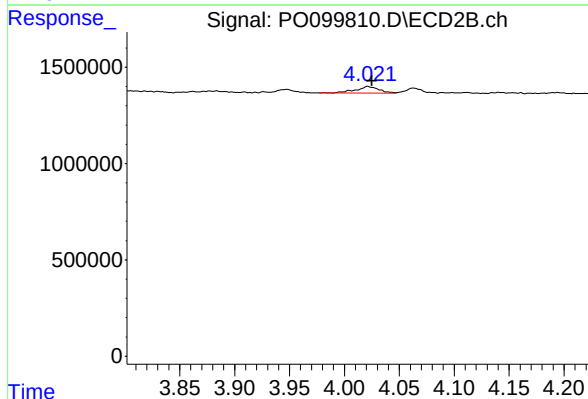
R.T.: 3.947 min
Delta R.T.: 0.009 min
Response: 205671
Conc: 13.62 ng/ml



#9 AR-1221-2

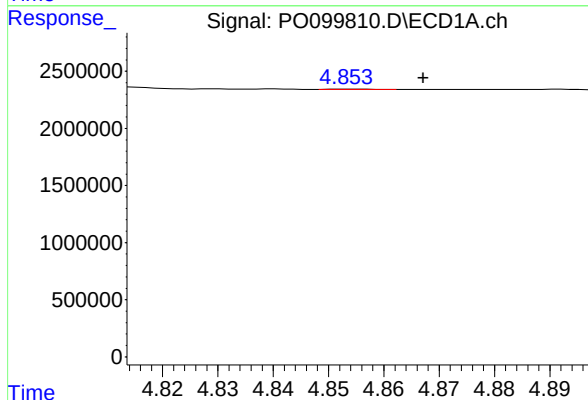
R.T.: 4.802 min
Delta R.T.: 0.012 min
Response: 895201
Conc: 58.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



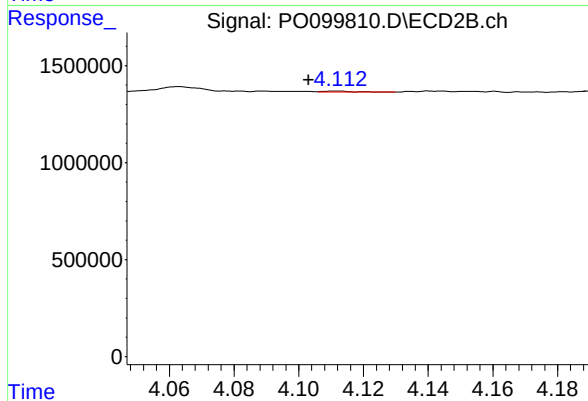
#9 AR-1221-2

R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 527569
Conc: 49.93 ng/ml



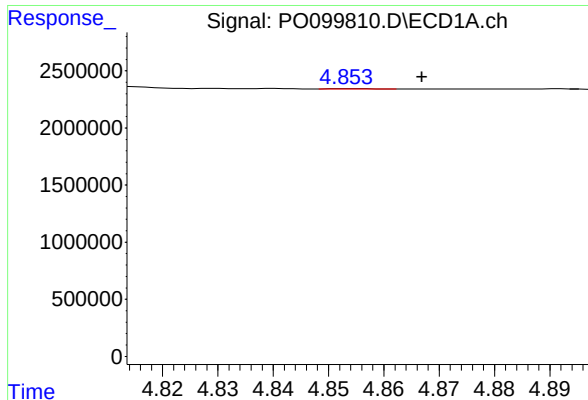
#10 AR-1221-3

R.T.: 4.854 min
Delta R.T.: -0.013 min
Response: 18164
Conc: 0.40 ng/ml



#10 AR-1221-3

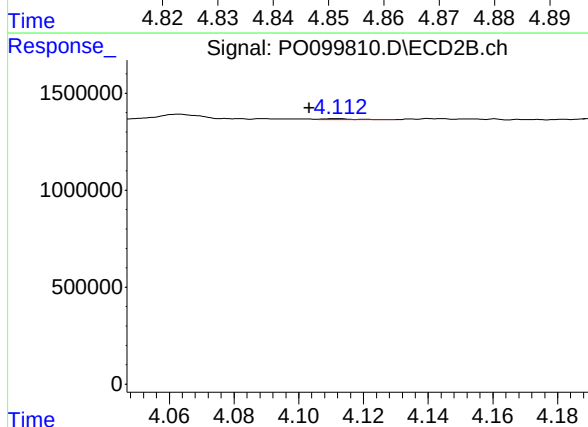
R.T.: 4.112 min
Delta R.T.: 0.009 min
Response: 37195
Conc: 1.22 ng/ml



#11 AR-1232-1

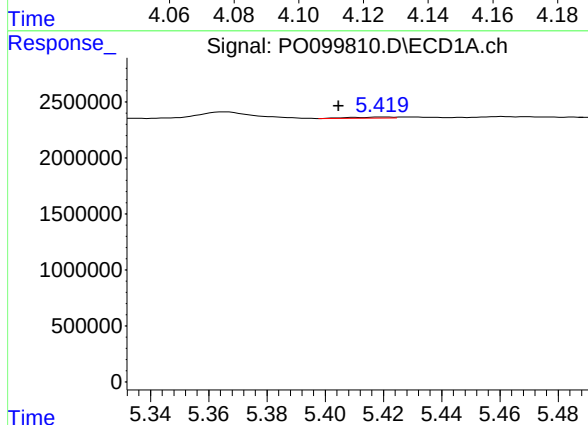
R.T.: 4.854 min
Delta R.T.: -0.013 min
Response: 18164
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



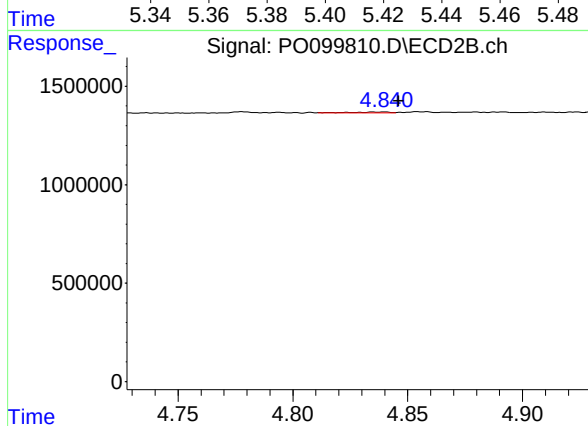
#11 AR-1232-1

R.T.: 4.112 min
Delta R.T.: 0.009 min
Response: 37195
Conc: 1.45 ng/ml



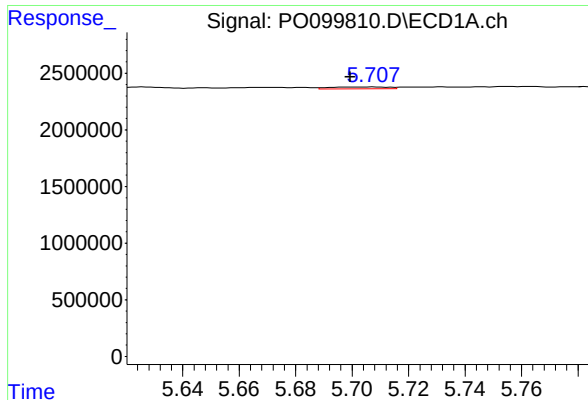
#12 AR-1232-2

R.T.: 5.420 min
Delta R.T.: 0.015 min
Response: 95179
Conc: 5.17 ng/ml



#12 AR-1232-2

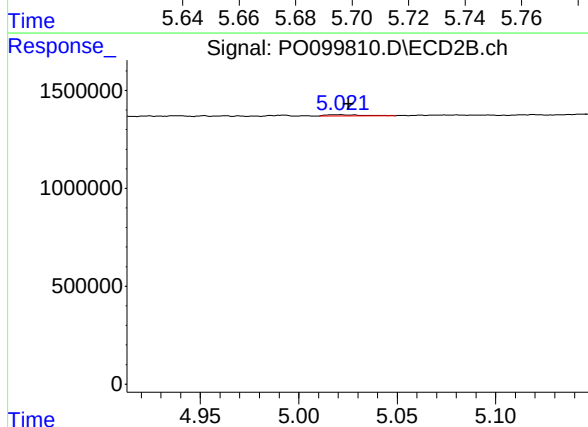
R.T.: 4.840 min
Delta R.T.: -0.006 min
Response: 58027
Conc: 3.26 ng/ml



#13 AR-1232-3

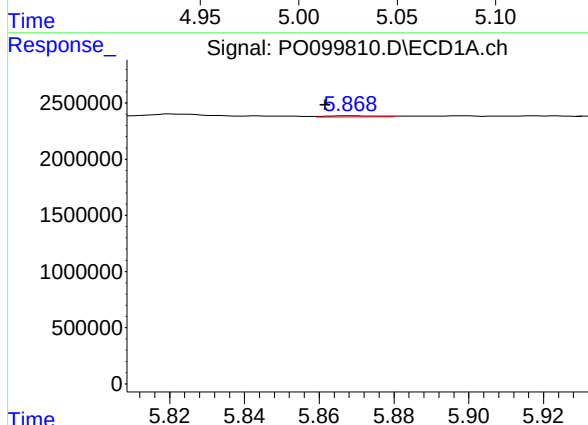
R.T.: 5.707 min
Delta R.T.: 0.008 min
Response: 227542
Conc: 7.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



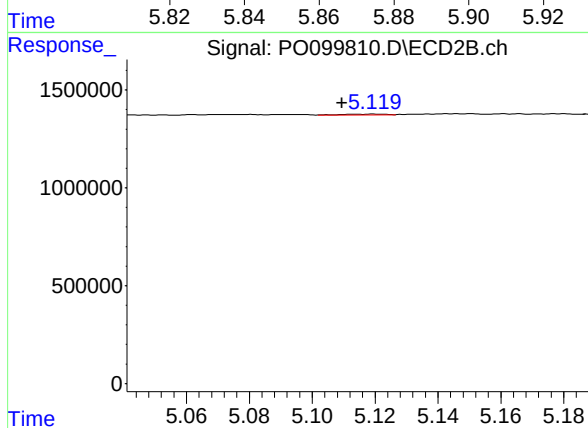
#13 AR-1232-3

R.T.: 5.021 min
Delta R.T.: -0.004 min
Response: 89990
Conc: 9.82 ng/ml



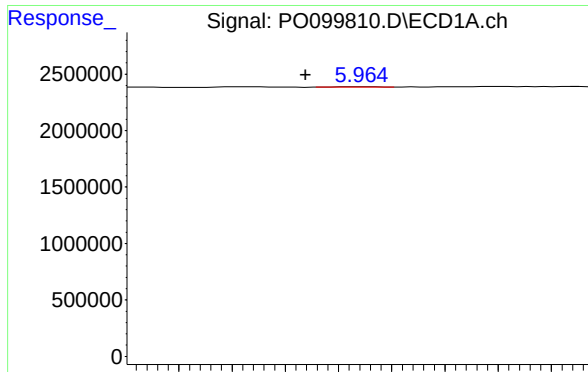
#14 AR-1232-4

R.T.: 5.868 min
Delta R.T.: 0.007 min
Response: 92216
Conc: 6.03 ng/ml



#14 AR-1232-4

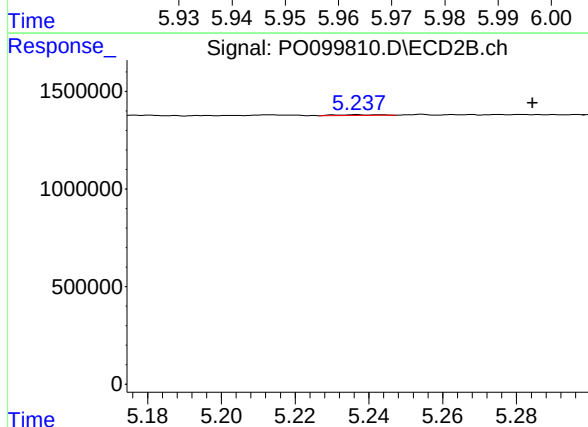
R.T.: 5.120 min
Delta R.T.: 0.010 min
Response: 37741
Conc: 4.43 ng/ml



#15 AR-1232-5

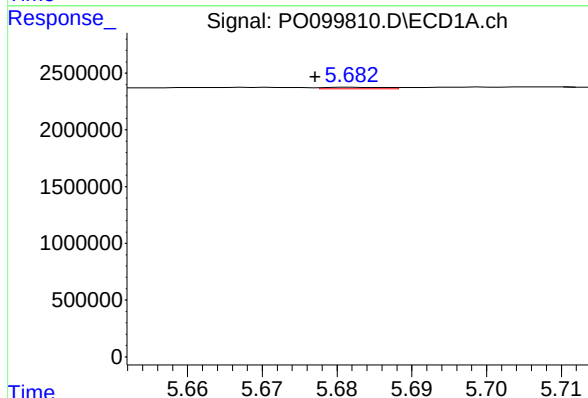
R.T.: 5.965 min
Delta R.T.: 0.011 min
Response: 18202
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



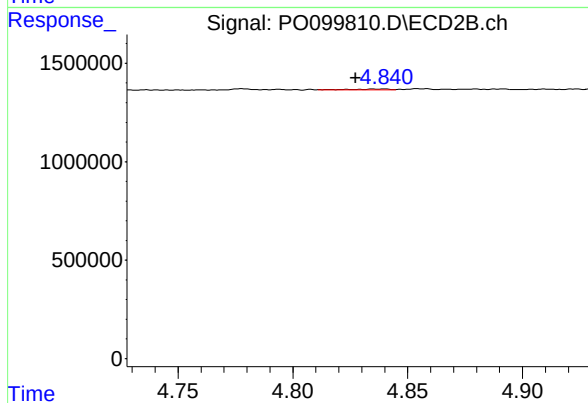
#15 AR-1232-5

R.T.: 5.237 min
Delta R.T.: -0.048 min
Response: 28069
Conc: 3.06 ng/ml



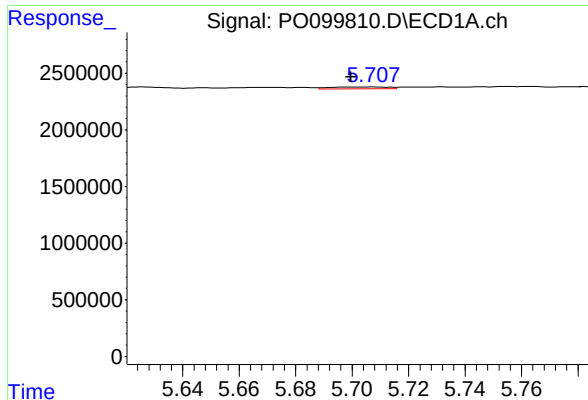
#16 AR-1242-1

R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 78106
Conc: 2.13 ng/ml



#16 AR-1242-1

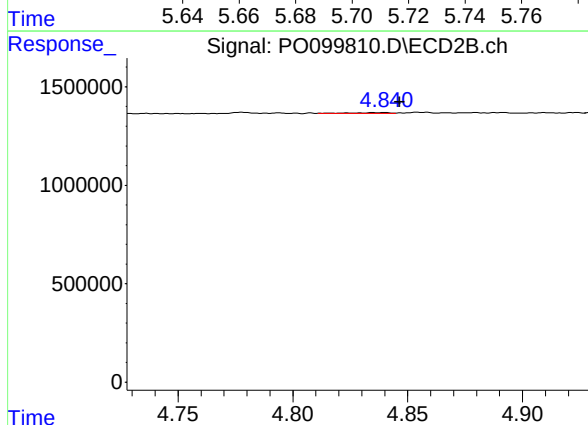
R.T.: 4.840 min
Delta R.T.: 0.013 min
Response: 58027
Conc: 2.53 ng/ml



#17 AR-1242-2

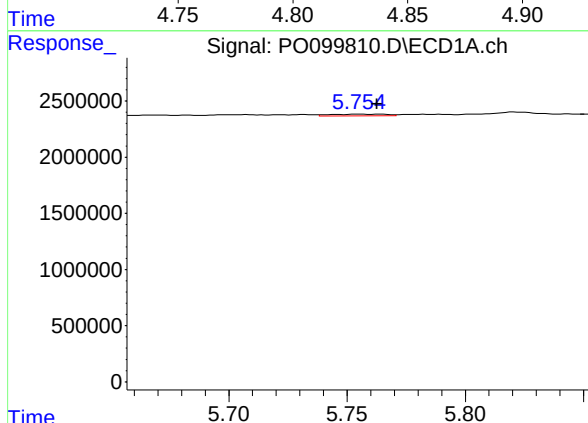
R.T.: 5.707 min
Delta R.T.: 0.007 min
Response: 227542
Conc: 4.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



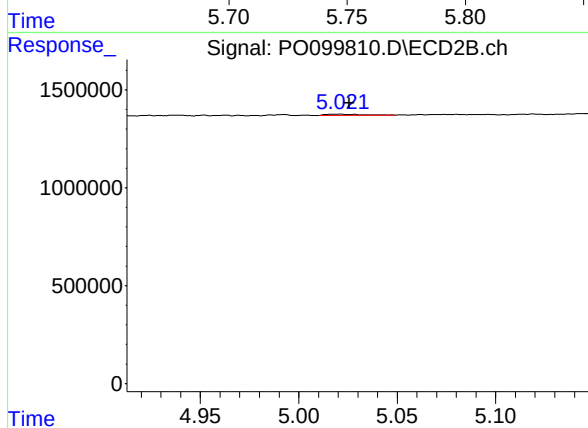
#17 AR-1242-2

R.T.: 4.840 min
Delta R.T.: -0.007 min
Response: 58027
Conc: 1.85 ng/ml



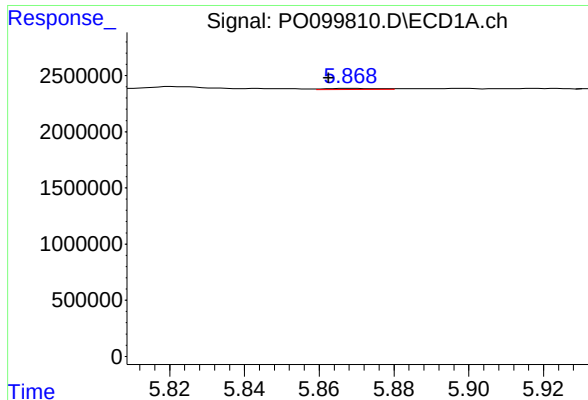
#18 AR-1242-3

R.T.: 5.764 min
Delta R.T.: 0.001 min
Response: 266948
Conc: 7.04 ng/ml



#18 AR-1242-3

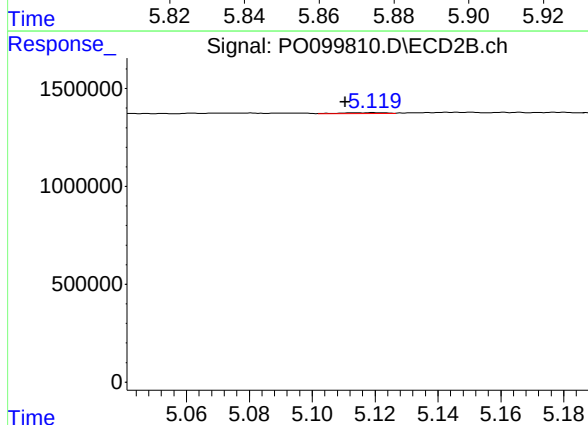
R.T.: 5.021 min
Delta R.T.: -0.005 min
Response: 89990
Conc: 5.38 ng/ml



#19 AR-1242-4

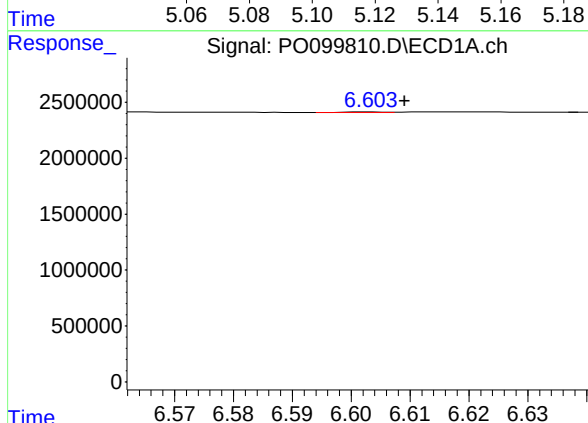
R.T.: 5.868 min
Delta R.T.: 0.006 min
Response: 92216
Conc: 3.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



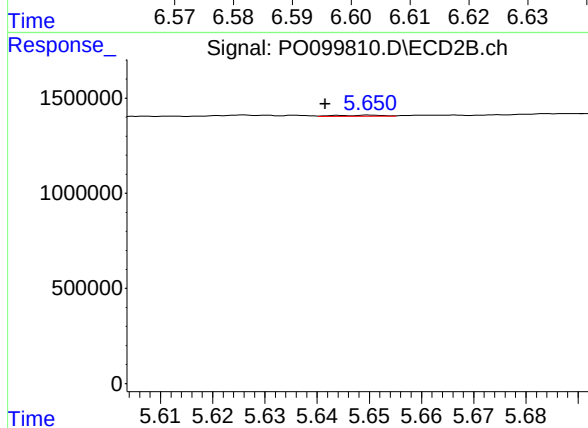
#19 AR-1242-4

R.T.: 5.120 min
Delta R.T.: 0.009 min
Response: 37741
Conc: 2.18 ng/ml



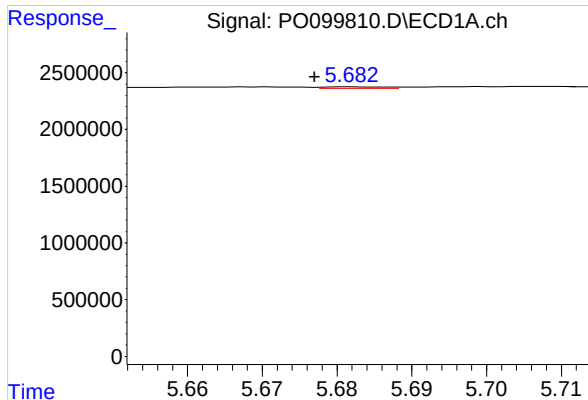
#20 AR-1242-5

R.T.: 6.603 min
Delta R.T.: -0.006 min
Response: 26323
Conc: 1.07 ng/ml



#20 AR-1242-5

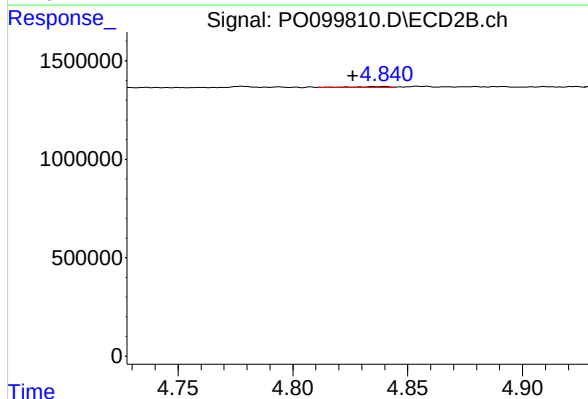
R.T.: 5.650 min
Delta R.T.: 0.009 min
Response: 34259
Conc: 1.72 ng/ml



#21 AR-1248-1

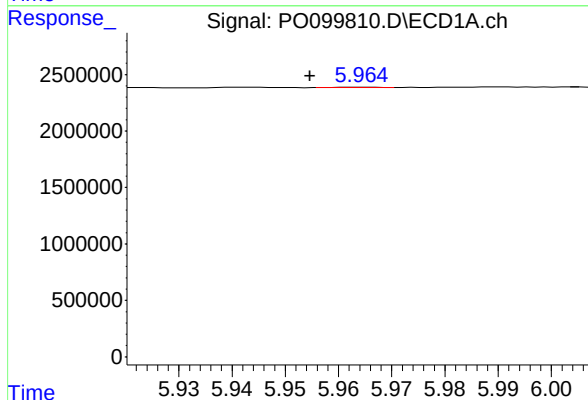
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 78106
Conc: 2.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



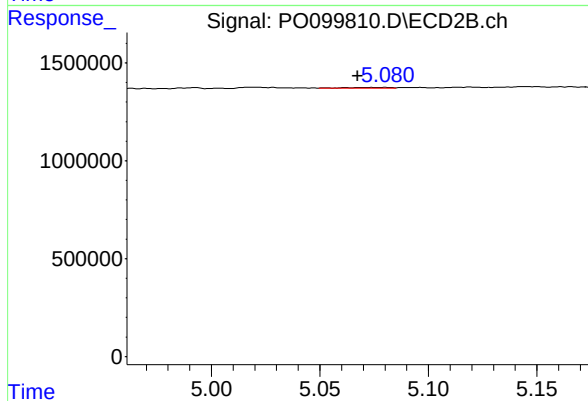
#21 AR-1248-1

R.T.: 4.840 min
Delta R.T.: 0.014 min
Response: 58027
Conc: 3.32 ng/ml



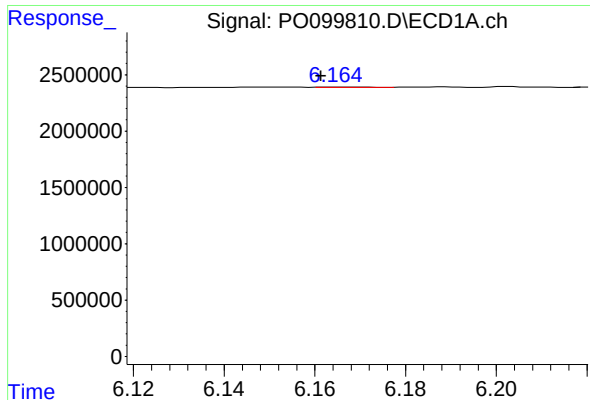
#22 AR-1248-2

R.T.: 5.965 min
Delta R.T.: 0.010 min
Response: 18202
Conc: 0.43 ng/ml



#22 AR-1248-2

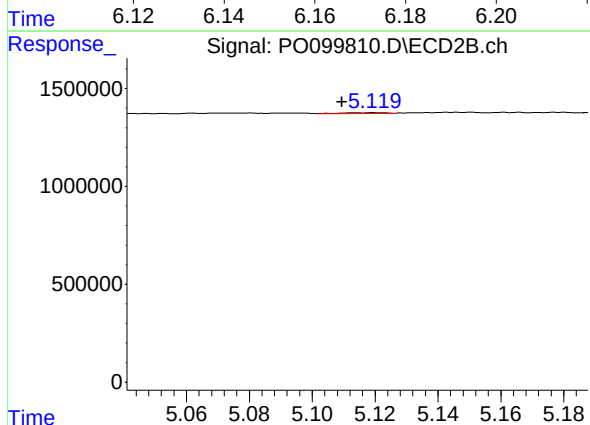
R.T.: 5.080 min
Delta R.T.: 0.012 min
Response: 56910
Conc: 2.37 ng/ml



#23 AR-1248-3

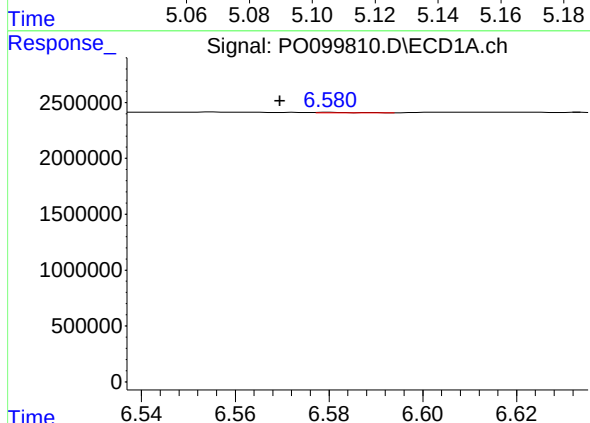
R.T.: 6.165 min
Delta R.T.: 0.004 min
Response: 27549
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



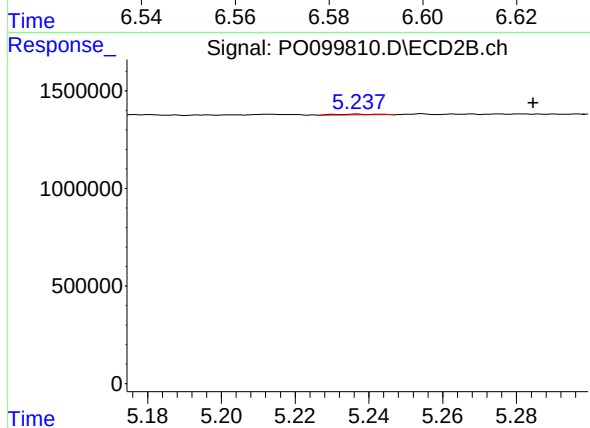
#23 AR-1248-3

R.T.: 5.120 min
Delta R.T.: 0.010 min
Response: 37741
Conc: 1.53 ng/ml



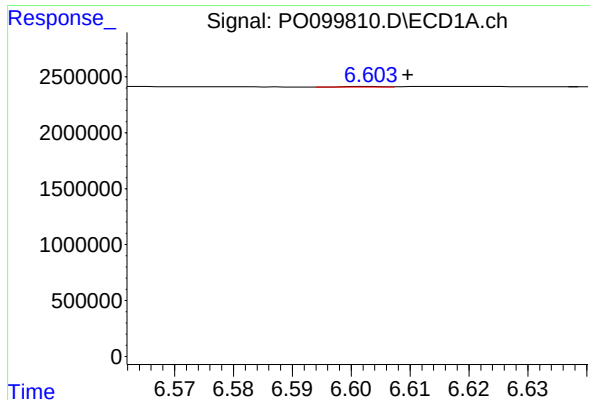
#24 AR-1248-4

R.T.: 6.581 min
Delta R.T.: 0.011 min
Response: 23941
Conc: 0.58 ng/ml



#24 AR-1248-4

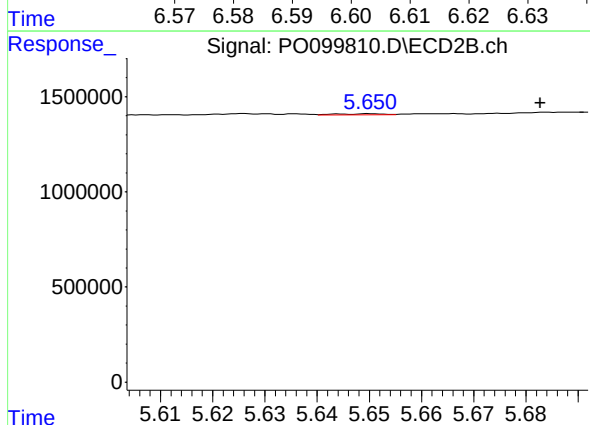
R.T.: 5.237 min
Delta R.T.: -0.048 min
Response: 28069
Conc: 0.99 ng/ml



#25 AR-1248-5

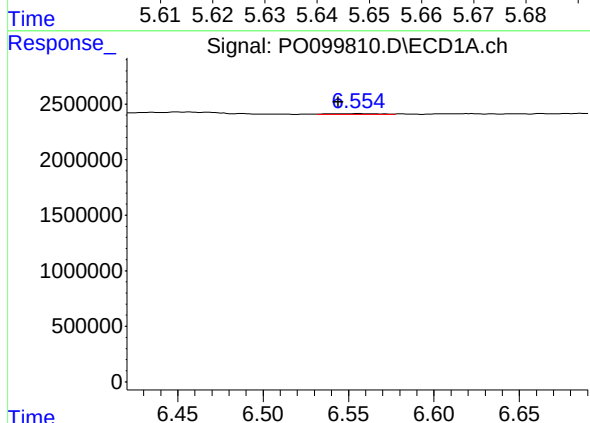
R.T.: 6.603 min
Delta R.T.: -0.007 min
Response: 26323
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



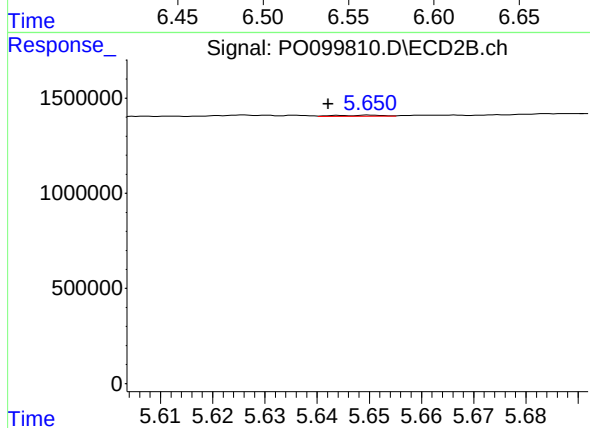
#25 AR-1248-5

R.T.: 5.650 min
Delta R.T.: -0.032 min
Response: 34259
Conc: 1.35 ng/ml



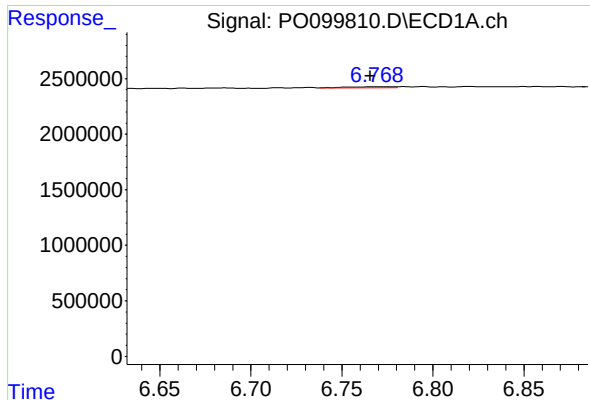
#26 AR-1254-1

R.T.: 6.555 min
Delta R.T.: 0.011 min
Response: 144091
Conc: 2.98 ng/ml



#26 AR-1254-1

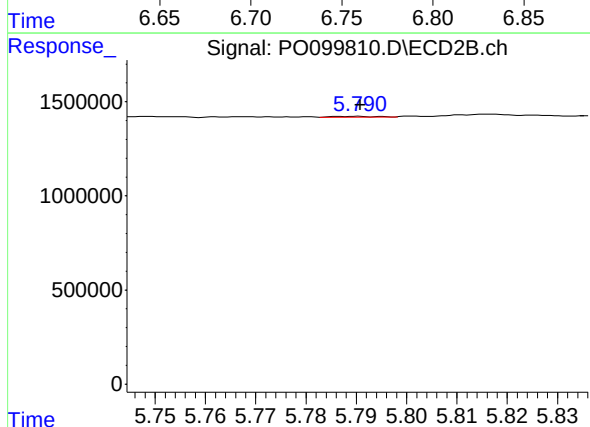
R.T.: 5.650 min
Delta R.T.: 0.008 min
Response: 34259
Conc: 0.83 ng/ml



#27 AR-1254-2

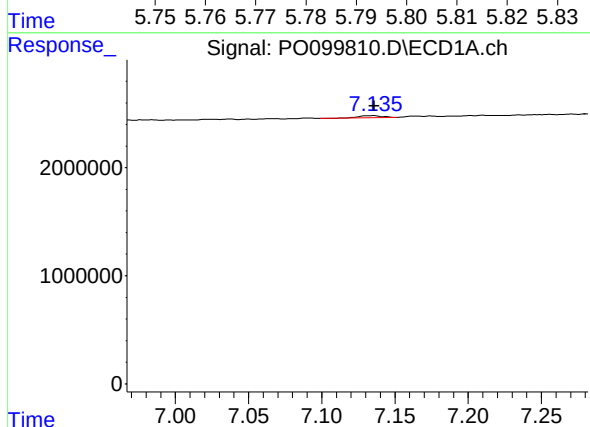
R.T.: 6.769 min
Delta R.T.: 0.003 min
Response: 205042
Conc: 2.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



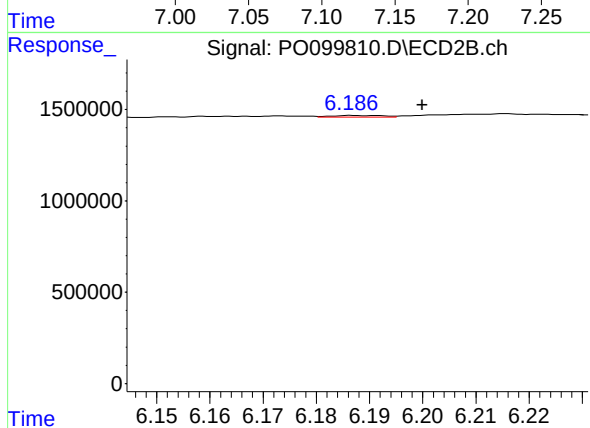
#27 AR-1254-2

R.T.: 5.790 min
Delta R.T.: -0.001 min
Response: 27494
Conc: 0.72 ng/ml



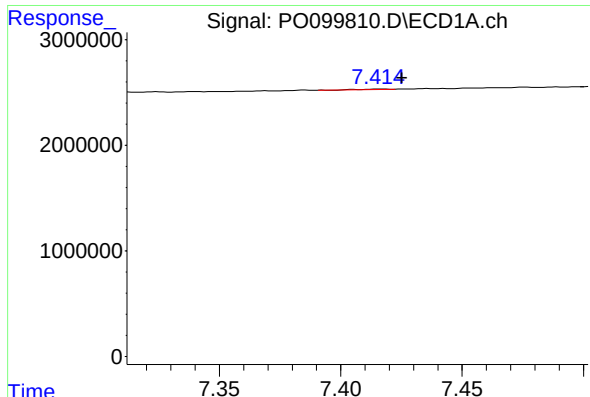
#28 AR-1254-3

R.T.: 7.134 min
Delta R.T.: -0.001 min
Response: 224235
Conc: 3.30 ng/ml



#28 AR-1254-3

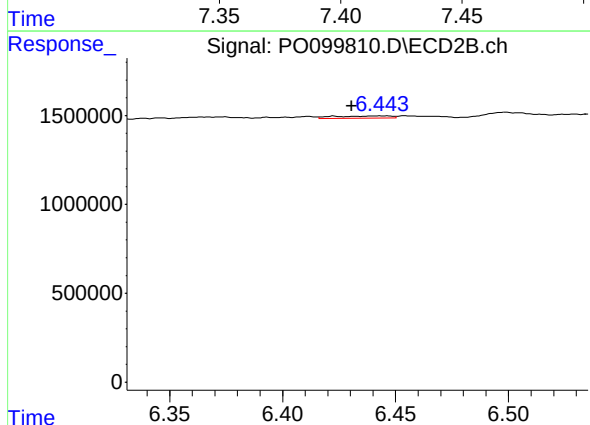
R.T.: 6.187 min
Delta R.T.: -0.013 min
Response: 62872
Conc: 0.97 ng/ml



#29 AR-1254-4

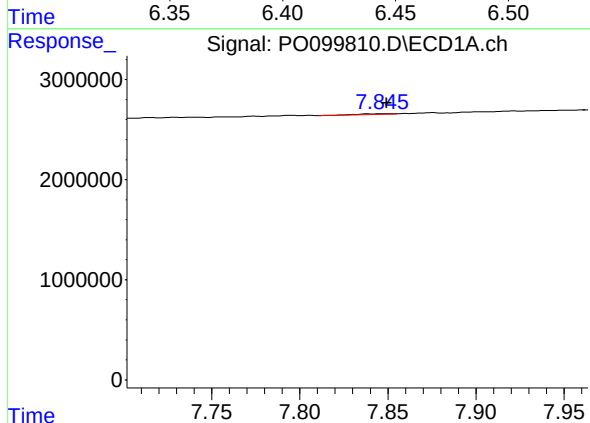
R.T.: 7.416 min
Delta R.T.: -0.009 min
Response: 18593
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



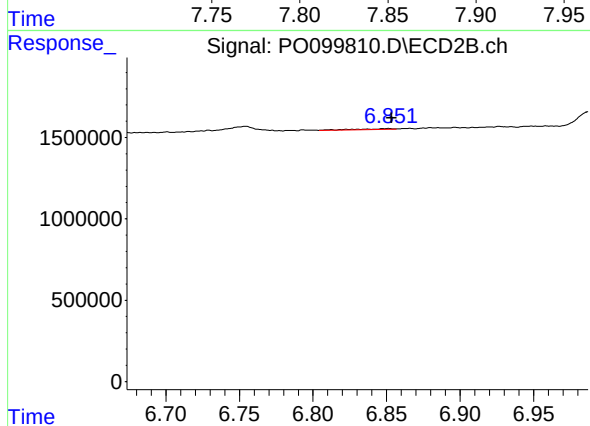
#29 AR-1254-4

R.T.: 6.444 min
Delta R.T.: 0.014 min
Response: 237383
Conc: 6.93 ng/ml



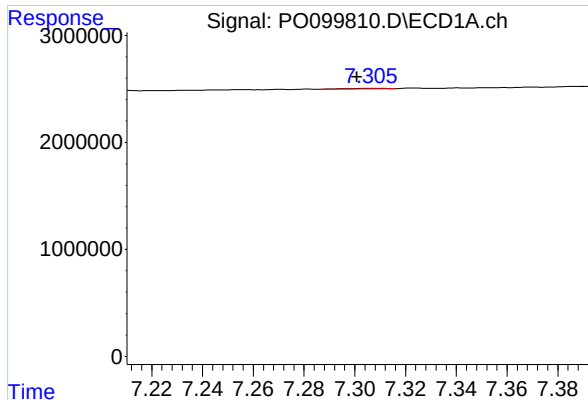
#30 AR-1254-5

R.T.: 7.852 min
Delta R.T.: 0.002 min
Response: 118437
Conc: 2.41 ng/ml



#30 AR-1254-5

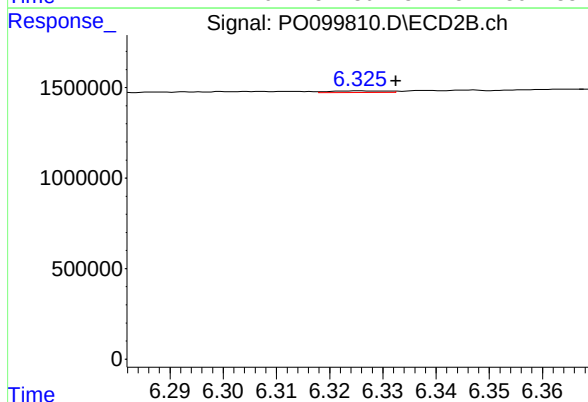
R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 75190
Conc: 1.23 ng/ml



#31 AR-1260-1

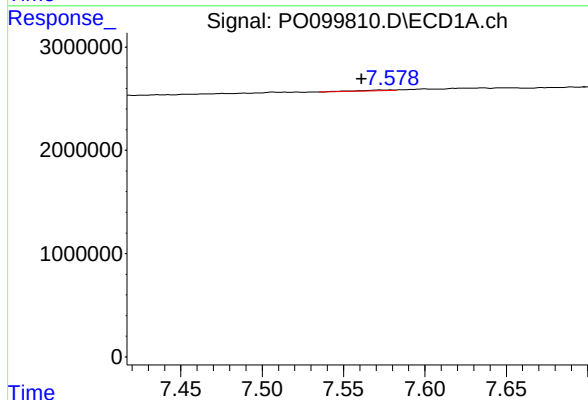
R.T.: 7.308 min
Delta R.T.: 0.008 min
Response: 79125
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



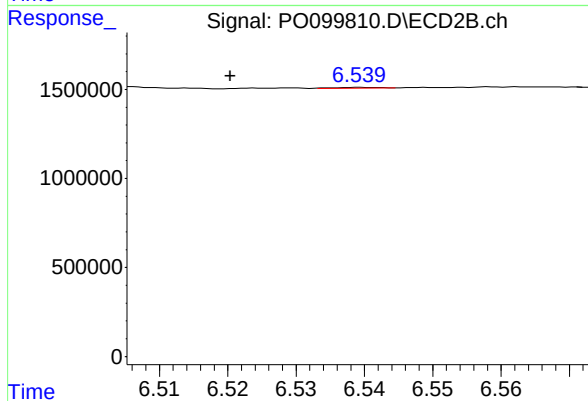
#31 AR-1260-1

R.T.: 6.326 min
Delta R.T.: -0.007 min
Response: 65914
Conc: 1.37 ng/ml



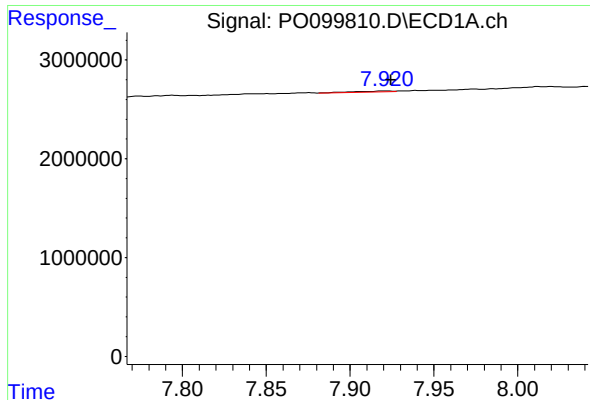
#32 AR-1260-2

R.T.: 7.579 min
Delta R.T.: 0.018 min
Response: 111818
Conc: 1.85 ng/ml



#32 AR-1260-2

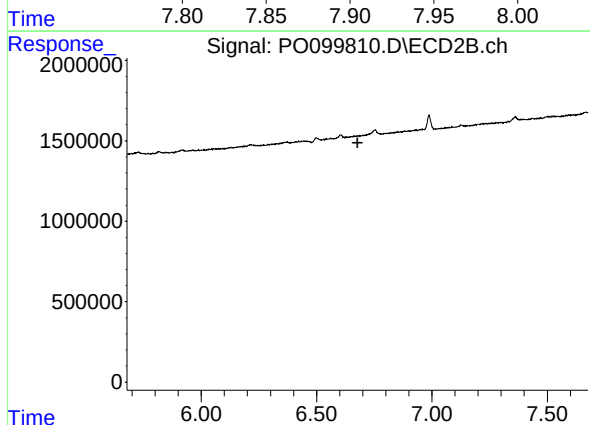
R.T.: 6.540 min
Delta R.T.: 0.019 min
Response: 18827
Conc: 0.33 ng/ml



#33 AR-1260-3

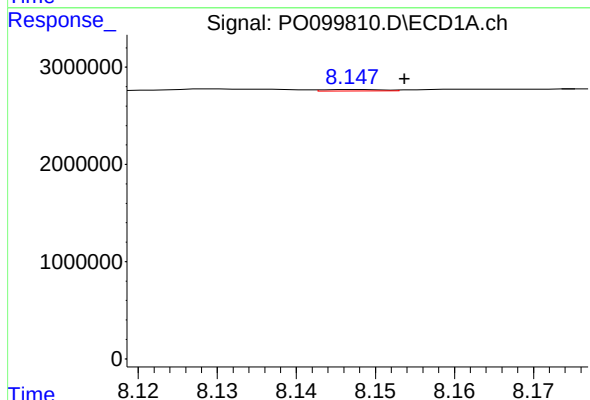
R.T.: 7.921 min
Delta R.T.: -0.003 min
Response: 163044
Conc: 3.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



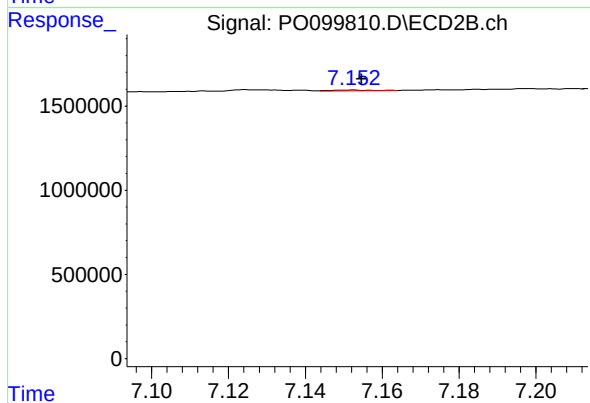
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 6.677 min
Response: 0
Conc: N.D.



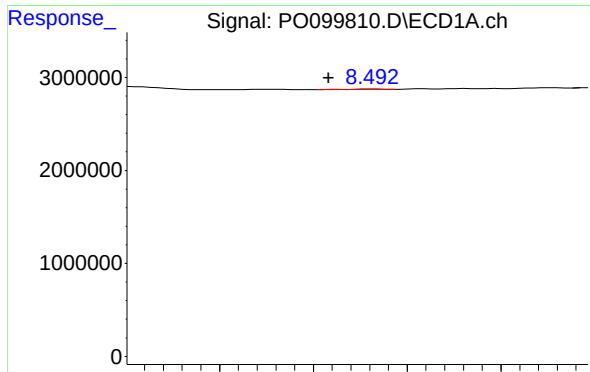
#34 AR-1260-4

R.T.: 8.147 min
Delta R.T.: -0.006 min
Response: 77564
Conc: 1.58 ng/ml



#34 AR-1260-4

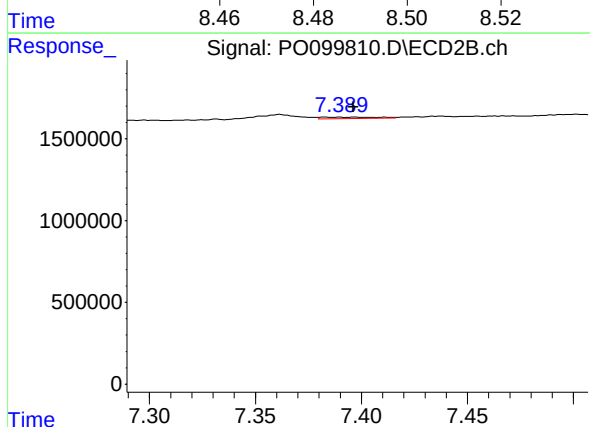
R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 30981
Conc: 0.70 ng/ml



#35 AR-1260-5

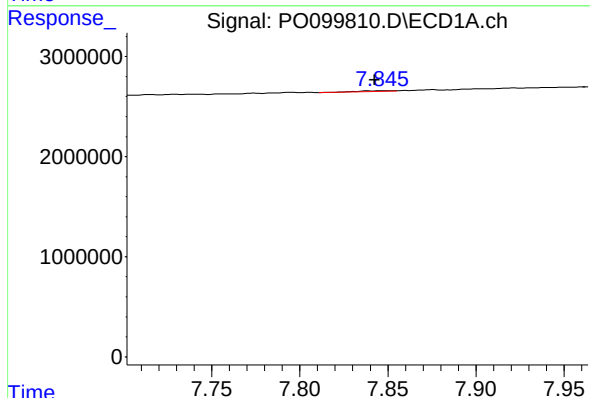
R.T.: 8.493 min
Delta R.T.: 0.010 min
Response: 18019
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



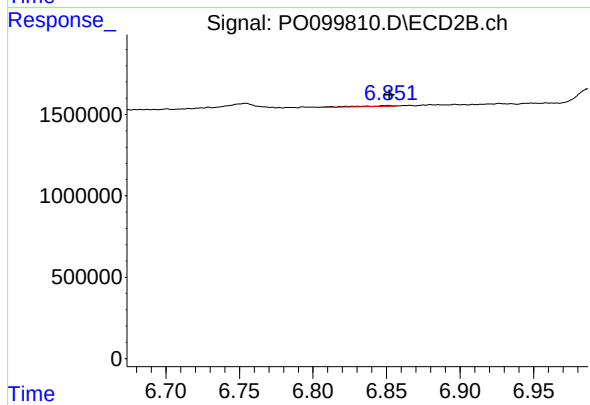
#35 AR-1260-5

R.T.: 7.389 min
Delta R.T.: -0.007 min
Response: 157433
Conc: 1.58 ng/ml



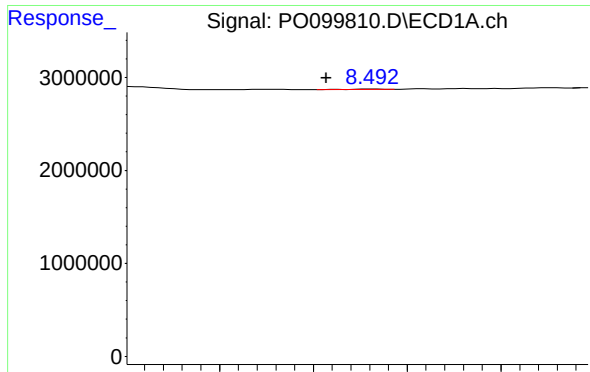
#36 AR-1262-1

R.T.: 7.852 min
Delta R.T.: 0.009 min
Response: 118437
Conc: 2.64 ng/ml



#36 AR-1262-1

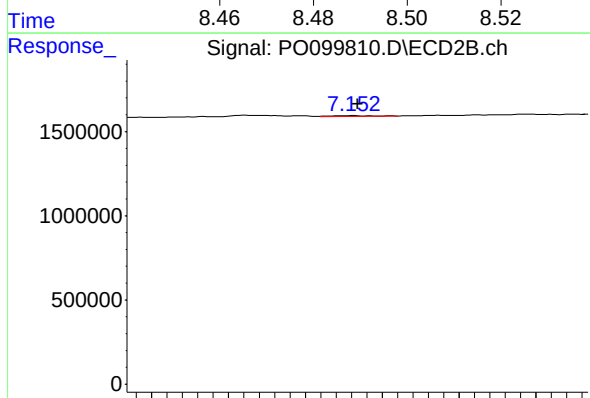
R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 75190
Conc: 2.31 ng/ml



#37 AR-1262-2

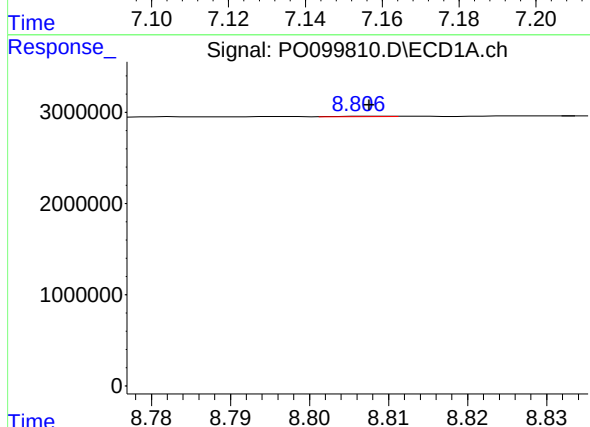
R.T.: 8.493 min
Delta R.T.: 0.010 min
Response: 18019
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



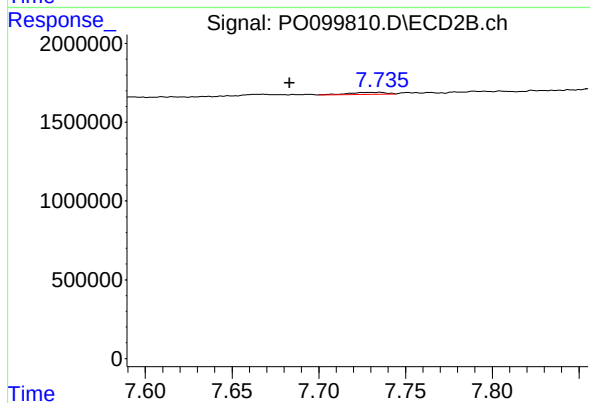
#37 AR-1262-2

R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 30981
Conc: 0.47 ng/ml



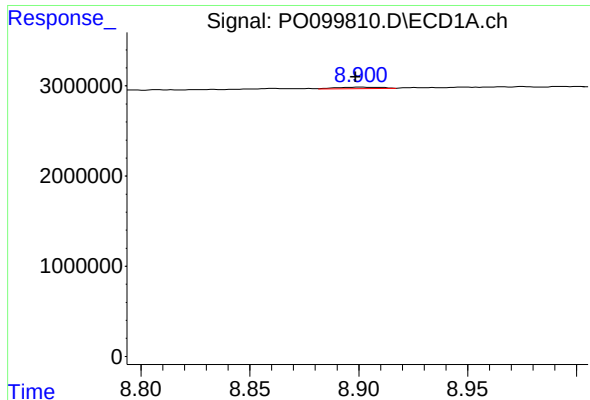
#38 AR-1262-3

R.T.: 8.807 min
Delta R.T.: 0.000 min
Response: 21584
Conc: 0.29 ng/ml



#38 AR-1262-3

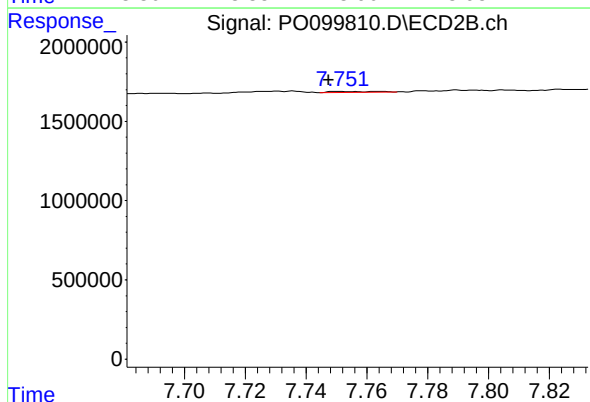
R.T.: 7.735 min
Delta R.T.: 0.052 min
Response: 169505
Conc: 3.30 ng/ml



#39 AR-1262-4

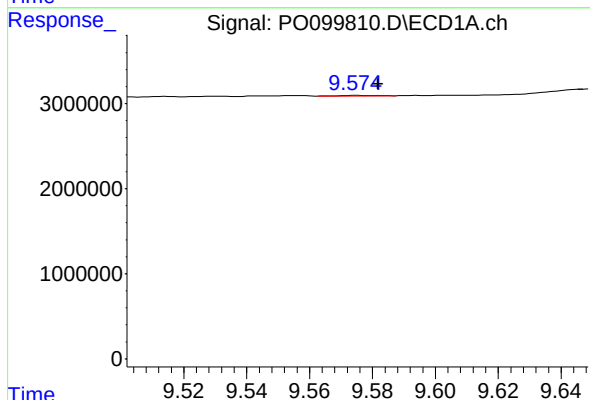
R.T.: 8.900 min
Delta R.T.: 0.002 min
Response: 209243
Conc: 3.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



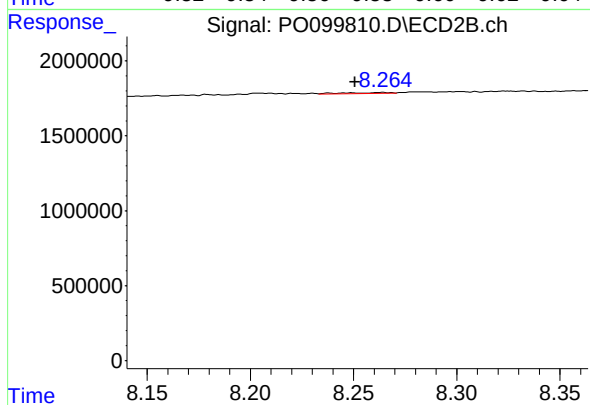
#39 AR-1262-4

R.T.: 7.751 min
Delta R.T.: 0.003 min
Response: 61954
Conc: 0.70 ng/ml



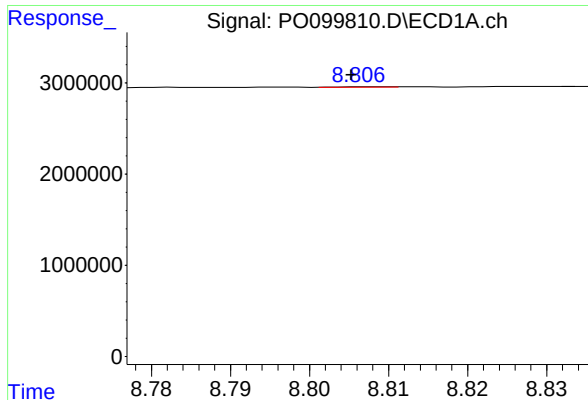
#40 AR-1262-5

R.T.: 9.575 min
Delta R.T.: -0.007 min
Response: 47474
Conc: 1.45 ng/ml



#40 AR-1262-5

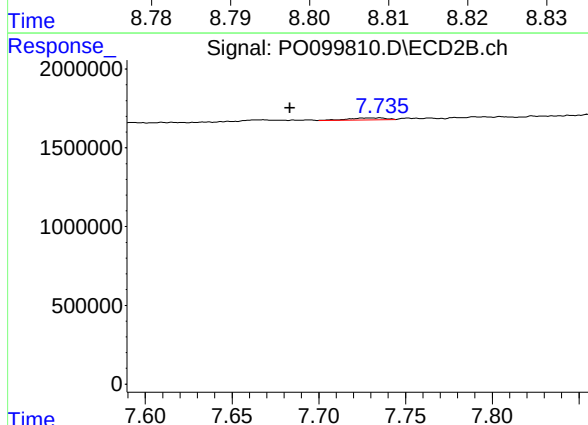
R.T.: 8.264 min
Delta R.T.: 0.013 min
Response: 117399
Conc: 3.01 ng/ml



#41 AR-1268-1

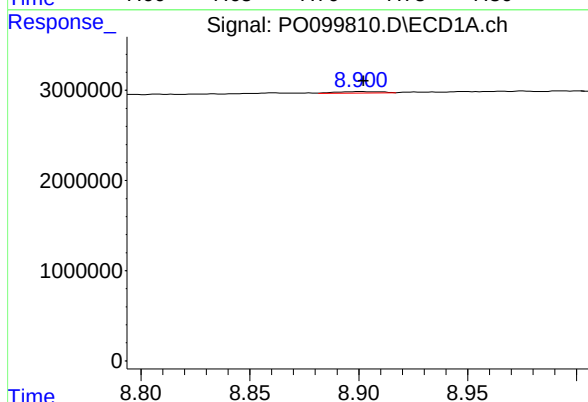
R.T.: 8.807 min
Delta R.T.: 0.002 min
Response: 21584
Conc: 0.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



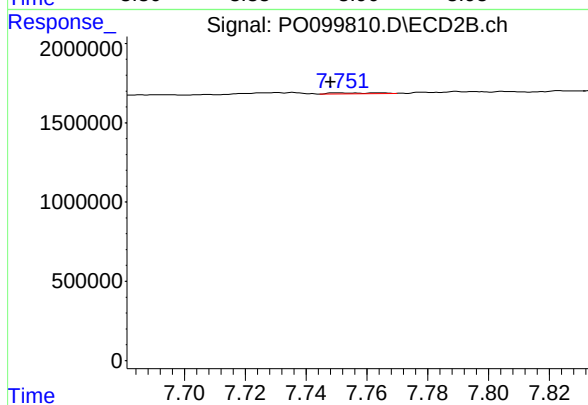
#41 AR-1268-1

R.T.: 7.735 min
Delta R.T.: 0.052 min
Response: 169505
Conc: 1.18 ng/ml



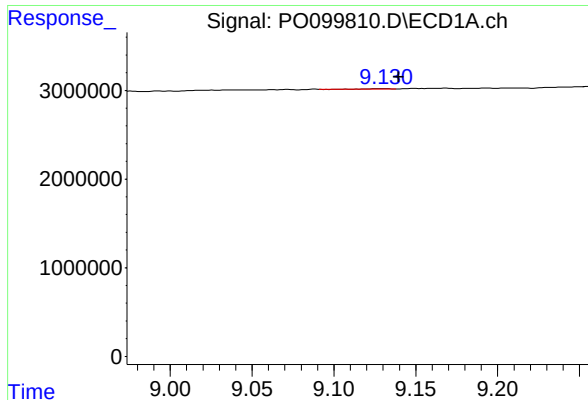
#42 AR-1268-2

R.T.: 8.900 min
Delta R.T.: -0.002 min
Response: 209243
Conc: 1.82 ng/ml



#42 AR-1268-2

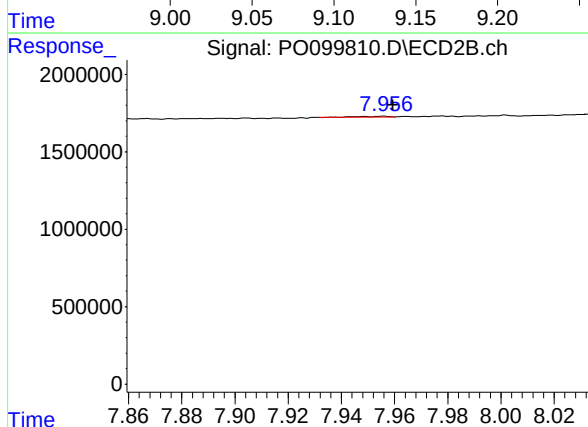
R.T.: 7.751 min
Delta R.T.: 0.003 min
Response: 61954
Conc: 0.48 ng/ml



#43 AR-1268-3

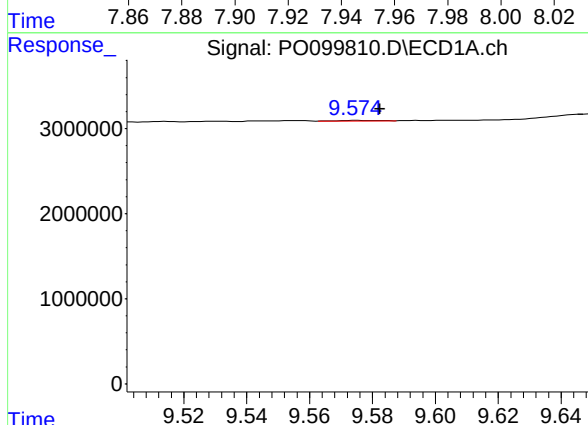
R.T.: 9.130 min
Delta R.T.: -0.009 min
Response: 25644
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



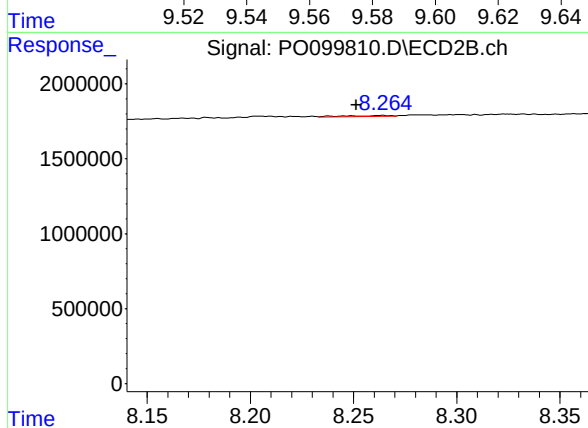
#43 AR-1268-3

R.T.: 7.955 min
Delta R.T.: -0.004 min
Response: 42515
Conc: 0.35 ng/ml



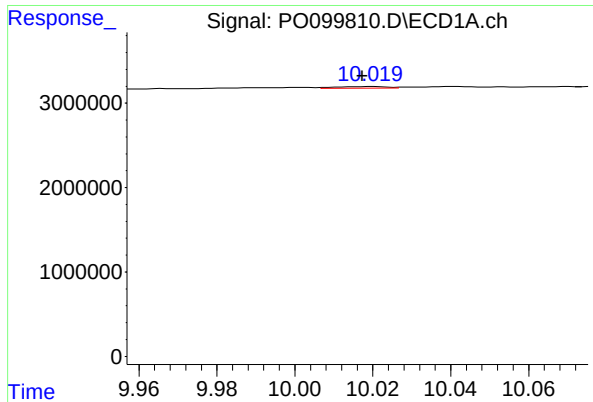
#44 AR-1268-4

R.T.: 9.575 min
Delta R.T.: -0.007 min
Response: 47474
Conc: 1.36 ng/ml



#44 AR-1268-4

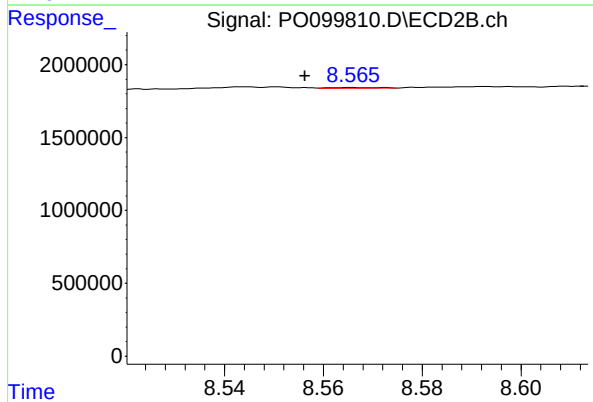
R.T.: 8.264 min
Delta R.T.: 0.012 min
Response: 117399
Conc: 2.72 ng/ml



#45 AR-1268-5

R.T.: 10.020 min
Delta R.T.: 0.003 min
Response: 180042
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.566 min
Delta R.T.: 0.010 min
Response: 33210
Conc: 0.10 ng/ml