

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090823\
 Data File : P0097858.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2023 19:27
 Operator : YP/AJ
 Sample : 04338-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 22:44:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 07 02:56:18 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...	4.440	3.621	78305637	20013816	19.655	20.898
2) SA Decachlor...	10.285	8.655	33031900	14629172	17.679	17.123
Target Compounds						
3) L1 AR-1016-1	5.613	4.714	448844	158023	4.157	4.913
4) L1 AR-1016-2	5.640	4.714	383569	158023	2.370	3.479 #
5) L1 AR-1016-3	5.711	4.910	98624	96188	0.990	3.951 #
6) L1 AR-1016-4	5.800	4.939	-39110	42041	N.D.	2.001 #
7) L1 AR-1016-5	6.102	5.152	134610	190433	1.640	6.852 #
8) L2 AR-1221-1	4.648	3.839	1234973	57607	25.921	4.771 #
9) L2 AR-1221-2	4.748	3.921	1208829	451483	34.021	52.928 #
10) L2 AR-1221-3	4.829	4.019	50887	37698	0.491	1.407 #
11) L3 AR-1232-1	4.829	4.019	50887	37698	0.593	1.709 #
12) L3 AR-1232-2	5.367	4.714	193050	158023	4.418	7.702 #
13) L3 AR-1232-3	5.640	4.910	383569	96188	5.292	8.846 #
14) L3 AR-1232-4	5.800	5.008	-39110	102434	N.D.	9.435 #
15) L3 AR-1232-5	5.901	5.152	223700	190433	7.161	15.708 #
16) L4 AR-1242-1	5.613	4.714	448844	158023	4.819	5.631
17) L4 AR-1242-2	5.640	4.714	383569	158023	2.734	3.982 #
18) L4 AR-1242-3	5.711	4.910	98624	96188	1.140	4.552 #
19) L4 AR-1242-4	5.800	5.008	-39110	102434	N.D.	4.469 #
20) L4 AR-1242-5	6.565	5.514	1612417	138970	22.914	5.334 #
21) L5 AR-1248-1	5.613	4.714	448844	158023	6.615	7.692
22) L5 AR-1248-2	5.901	4.939	223700	42041	2.069	1.380 #
23) L5 AR-1248-3	6.102	5.008	134610	102434	1.199	3.216 #
24) L5 AR-1248-4	6.511	5.152	24859	190433	0.240	5.089 #
25) L5 AR-1248-5	6.565	5.607f	1612417	1070343	14.465	32.121 #
26) L6 AR-1254-1	6.483	5.514	164928	138970	1.345	2.556 #
27) L6 AR-1254-2	6.700	5.703	287437	419209	1.602	8.705 #
28) L6 AR-1254-3	7.068	6.069	878250	164542	4.959	2.227 #
29) L6 AR-1254-4	7.357	6.298	264936	60169	2.461	1.518 #
30) L6 AR-1254-5	7.801	6.720	2633373	1134533	21.902	18.421
31) L7 AR-1260-1	7.238	6.202	627731	256043	4.442	4.812
32) L7 AR-1260-2	7.486	6.390	1258185	375568	8.324	5.998 #
33) L7 AR-1260-3	7.862	6.547	448973	308628	3.963	5.352 #
34) L7 AR-1260-4	8.106	7.014	103730	323045	0.873	6.886 #
35) L7 AR-1260-5	8.412	7.259	642517	329537	3.139	3.324
36) L8 AR-1262-1	7.862	6.813	448973	205396	2.953	7.580 #
37) L8 AR-1262-2	8.412	7.014	642517	323045	2.944	5.543 #
38) L8 AR-1262-3	8.739	7.547	616703	322079	3.986	7.383 #
39) L8 AR-1262-4	8.832	7.608	1014936	451889	12.081	5.939 #
40) L8 AR-1262-5	9.508	8.108	151737	66917	2.105	2.133
41) L9 AR-1268-1	8.739	7.547	616703	322079	2.173	2.447

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Integration File signal 1: autoint1.e
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 Quant Time: Sep 08 22:44:57 2023
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 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 07 02:56:18 2023
 Response via : Initial Calibration
 Integrator: ChemStation

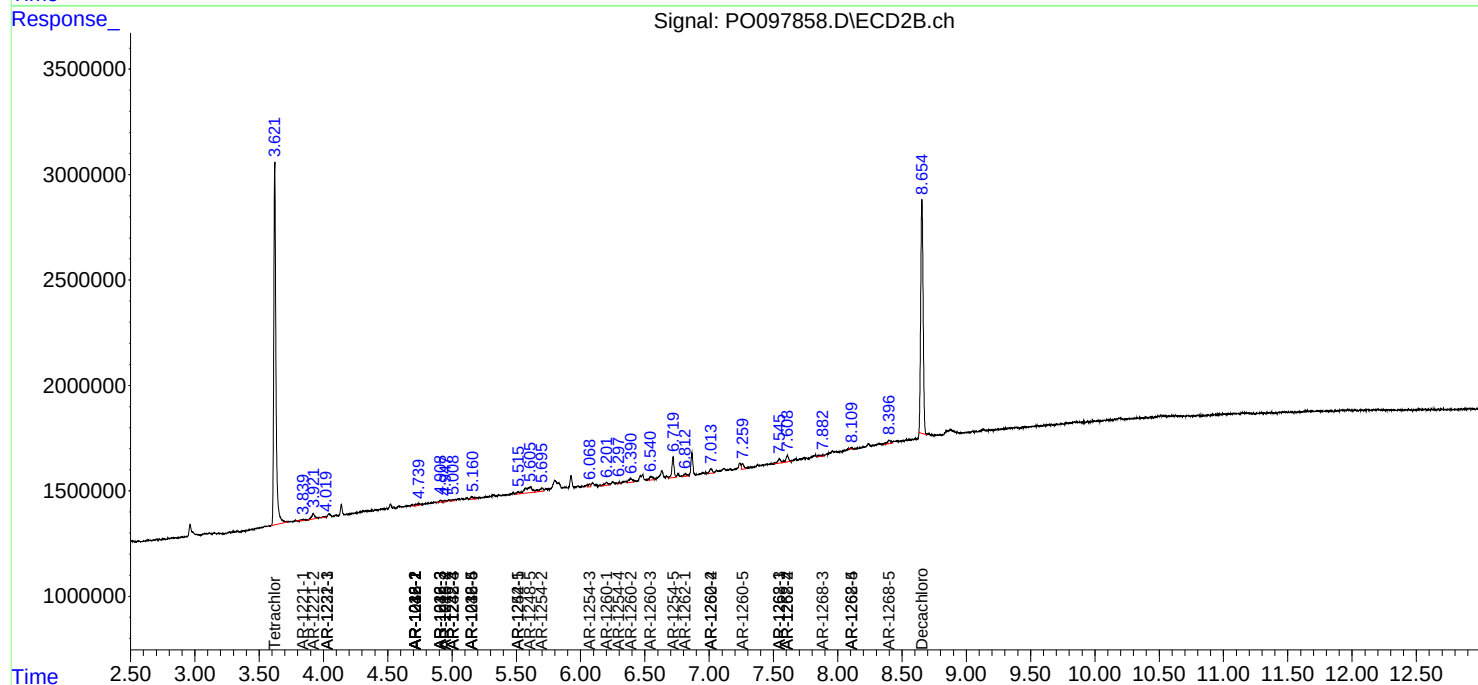
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

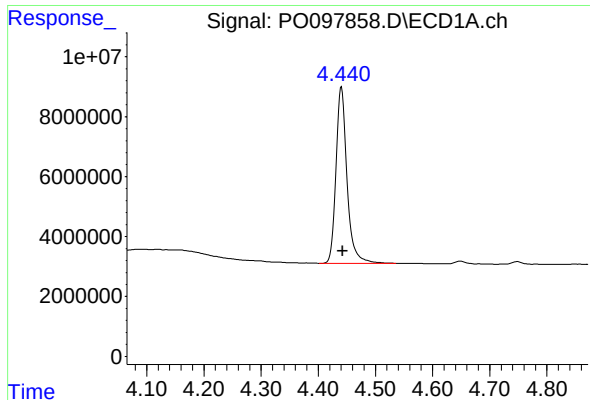
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.832	7.608	1014936	451889	3.974	3.921
43) L9	AR-1268-3	9.074	7.883	37042	107568	0.166	3.891 #
44) L9	AR-1268-4	9.508	8.108	151737	66917	1.857	1.900
45) L9	AR-1268-5	9.931	8.398	294223	317722	0.444	1.013 #

(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

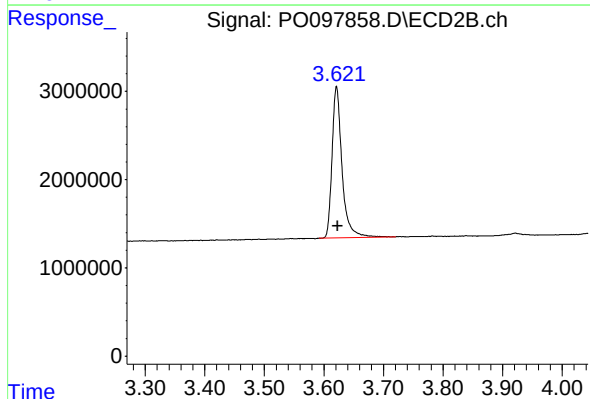




#1 Tetrachloro-m-xylene

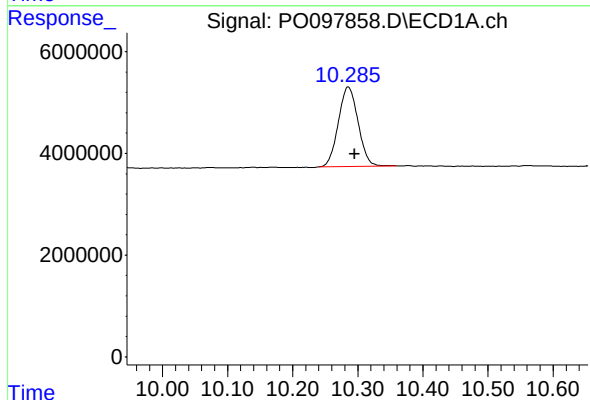
R.T.: 4.440 min
Delta R.T.: -0.003 min
Response: 78305637
Conc: 19.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



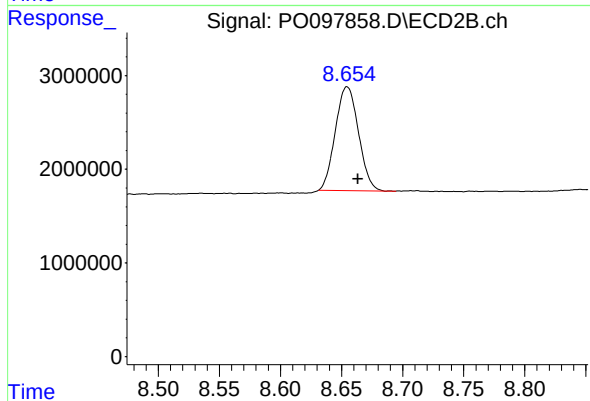
#1 Tetrachloro-m-xylene

R.T.: 3.621 min
Delta R.T.: -0.002 min
Response: 20013816
Conc: 20.90 ng/ml



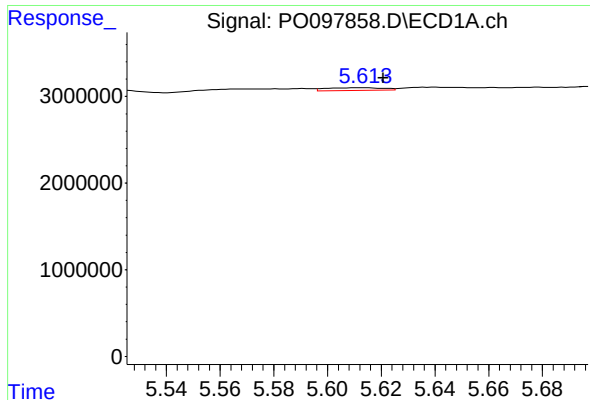
#2 Decachlorobiphenyl

R.T.: 10.285 min
Delta R.T.: -0.010 min
Response: 33031900
Conc: 17.68 ng/ml



#2 Decachlorobiphenyl

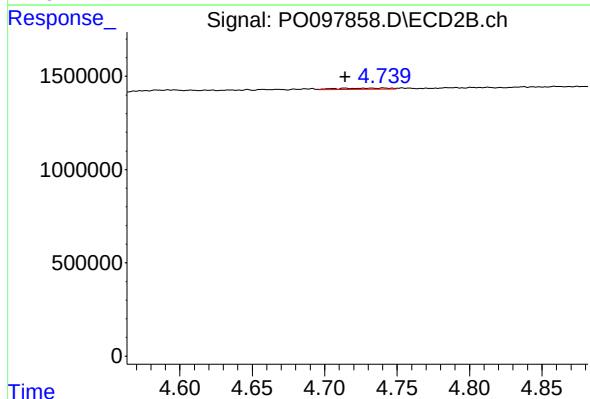
R.T.: 8.655 min
Delta R.T.: -0.009 min
Response: 14629172
Conc: 17.12 ng/ml



#3 AR-1016-1

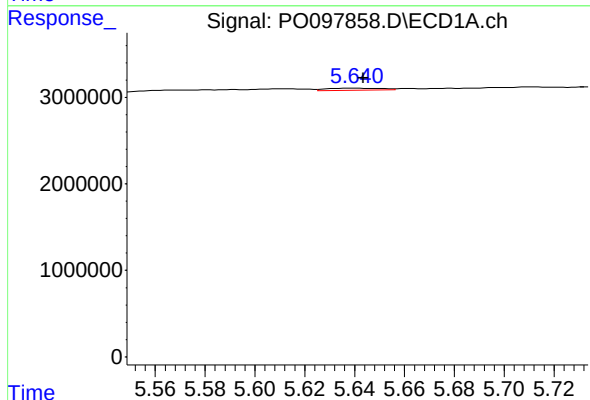
R.T.: 5.613 min
Delta R.T.: -0.008 min
Response: 448844
Conc: 4.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



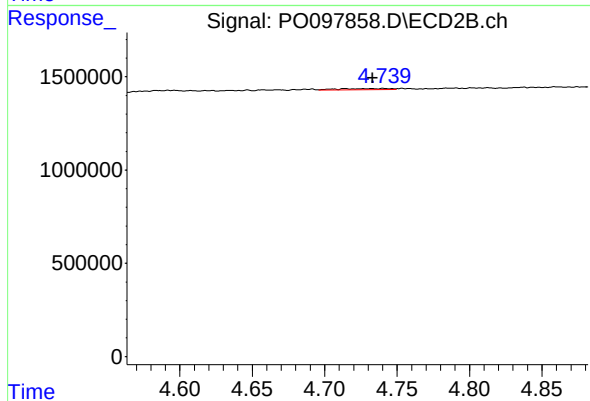
#3 AR-1016-1

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 158023
Conc: 4.91 ng/ml



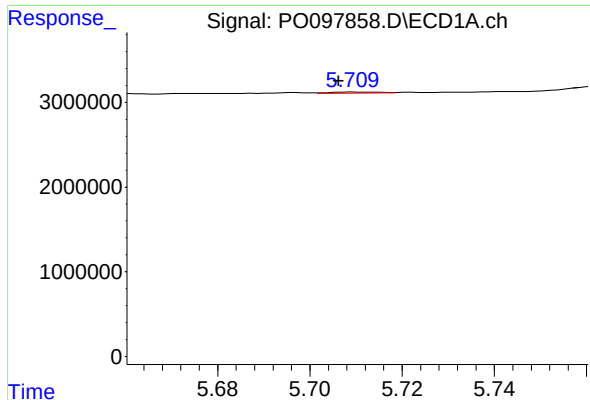
#4 AR-1016-2

R.T.: 5.640 min
Delta R.T.: -0.003 min
Response: 383569
Conc: 2.37 ng/ml



#4 AR-1016-2

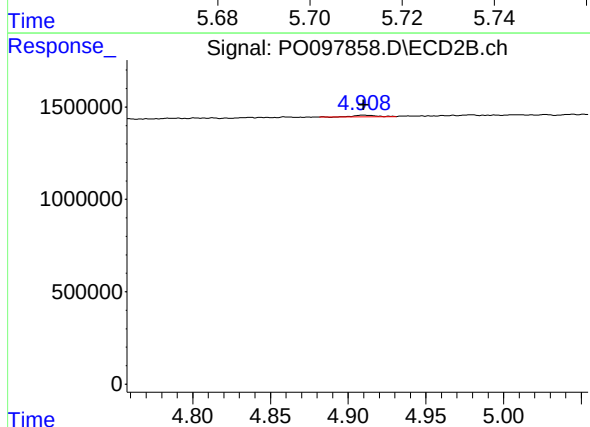
R.T.: 4.714 min
Delta R.T.: -0.019 min
Response: 158023
Conc: 3.48 ng/ml



#5 AR-1016-3

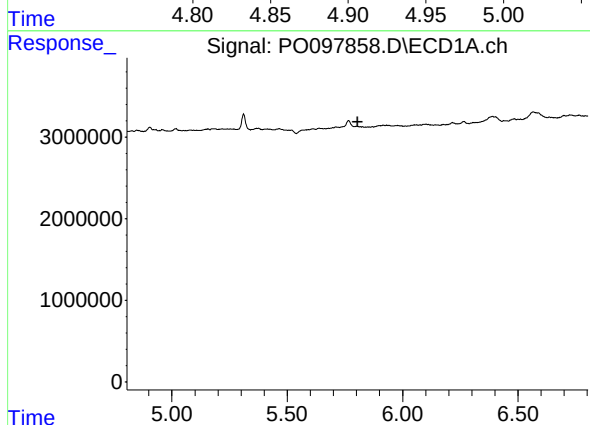
R.T.: 5.711 min
Delta R.T.: 0.004 min
Response: 98624
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



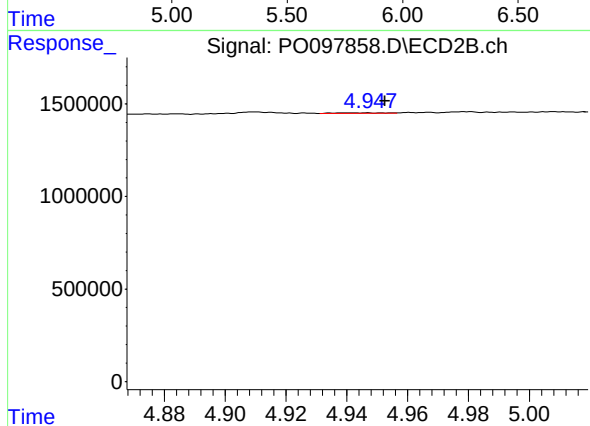
#5 AR-1016-3

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 96188
Conc: 3.95 ng/ml



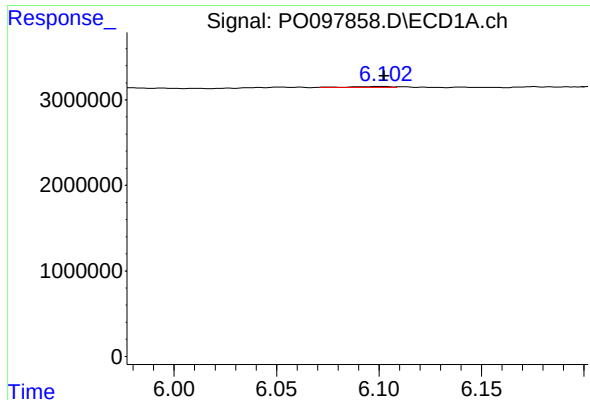
#6 AR-1016-4

R.T.: 5.800 min
Delta R.T.: -0.004 min
Response: -39110
Conc: N.D.



#6 AR-1016-4

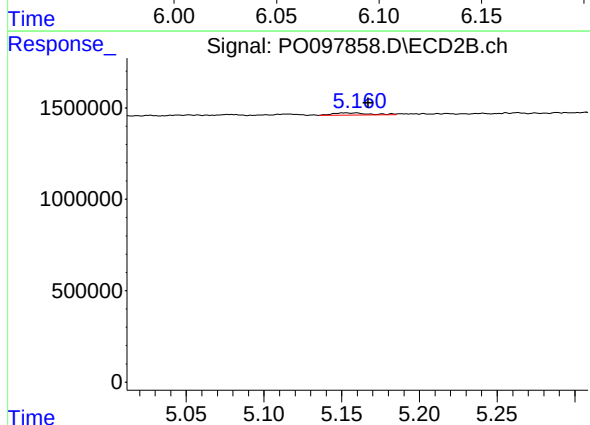
R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 42041
Conc: 2.00 ng/ml



#7 AR-1016-5

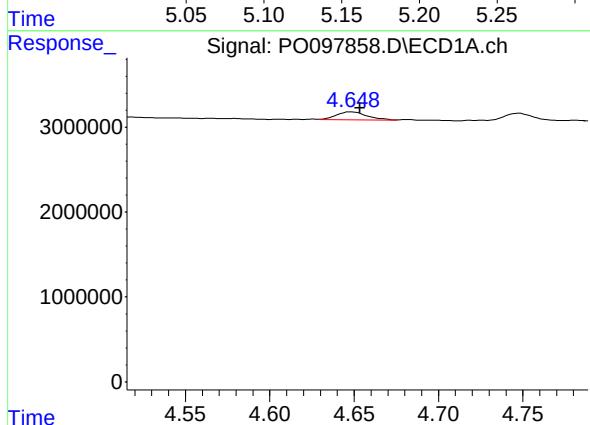
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 134610
Conc: 1.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



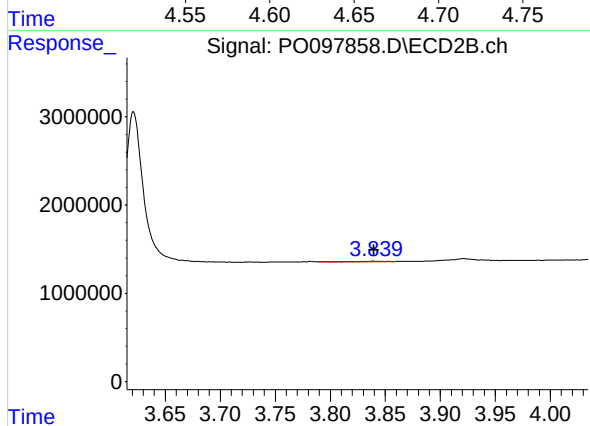
#7 AR-1016-5

R.T.: 5.152 min
Delta R.T.: -0.015 min
Response: 190433
Conc: 6.85 ng/ml



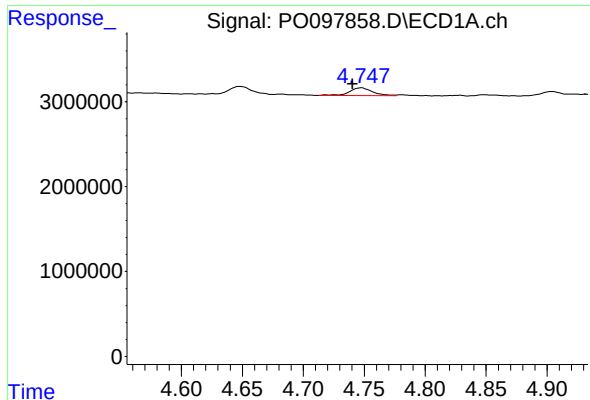
#8 AR-1221-1

R.T.: 4.648 min
Delta R.T.: -0.005 min
Response: 1234973
Conc: 25.92 ng/ml



#8 AR-1221-1

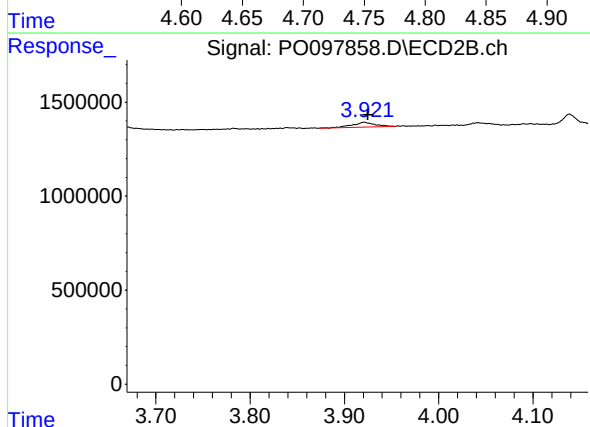
R.T.: 3.839 min
Delta R.T.: 0.000 min
Response: 57607
Conc: 4.77 ng/ml



#9 AR-1221-2

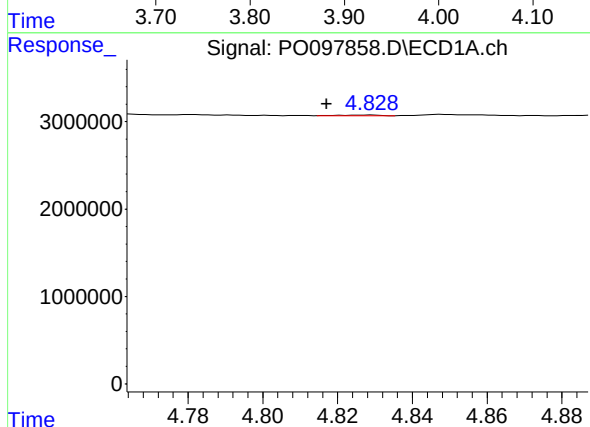
R.T.: 4.748 min
Delta R.T.: 0.007 min
Response: 1208829
Conc: 34.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



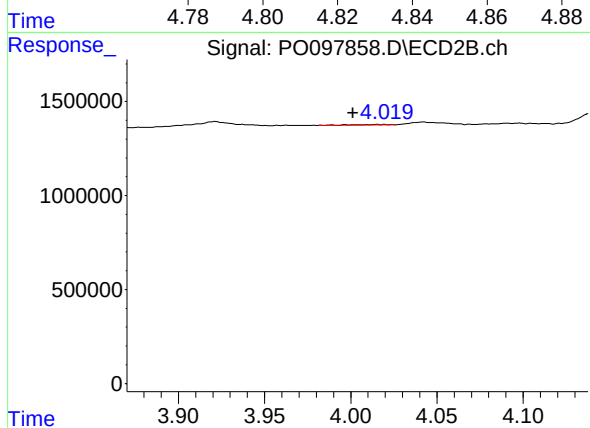
#9 AR-1221-2

R.T.: 3.921 min
Delta R.T.: -0.004 min
Response: 451483
Conc: 52.93 ng/ml



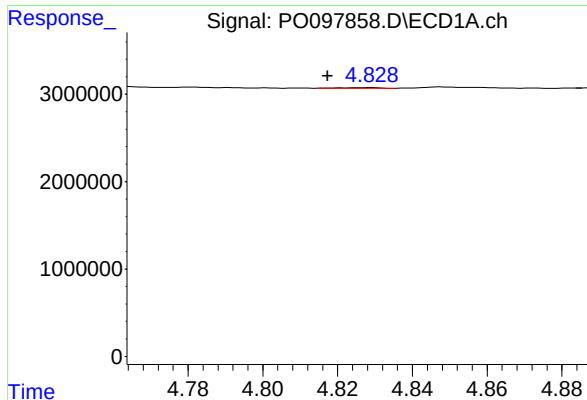
#10 AR-1221-3

R.T.: 4.829 min
Delta R.T.: 0.012 min
Response: 50887
Conc: 0.49 ng/ml



#10 AR-1221-3

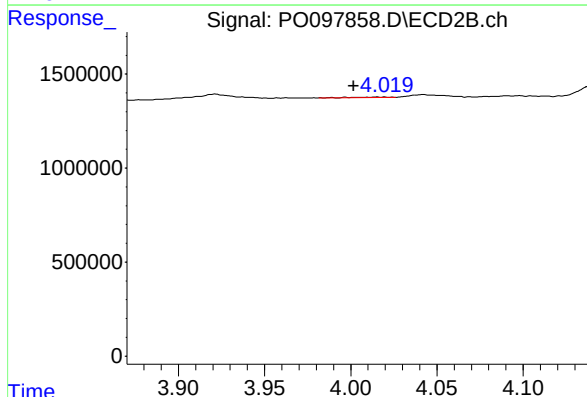
R.T.: 4.019 min
Delta R.T.: 0.018 min
Response: 37698
Conc: 1.41 ng/ml



#11 AR-1232-1

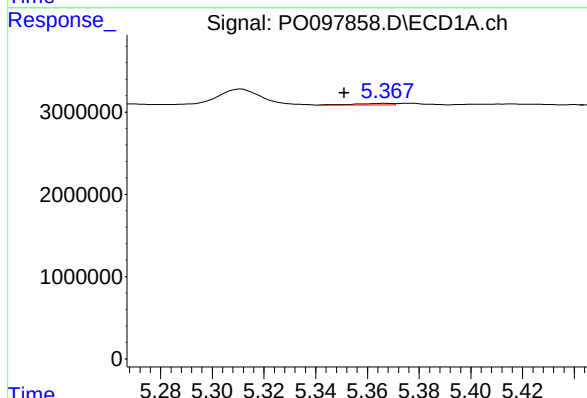
R.T.: 4.829 min
Delta R.T.: 0.011 min
Response: 50887
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



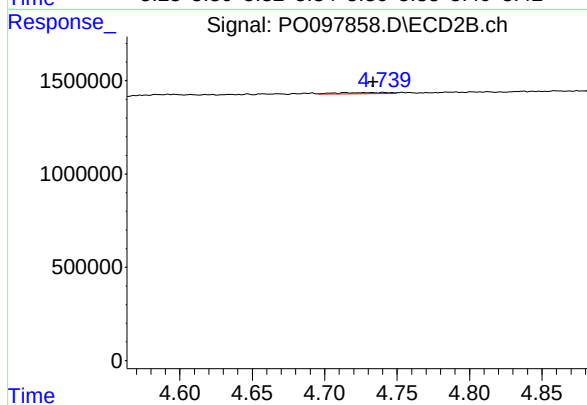
#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: 0.018 min
Response: 37698
Conc: 1.71 ng/ml



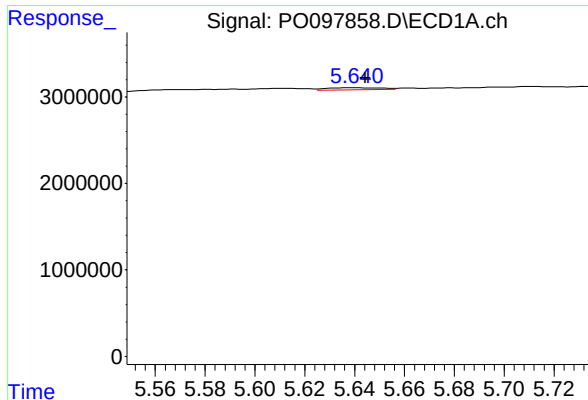
#12 AR-1232-2

R.T.: 5.367 min
Delta R.T.: 0.016 min
Response: 193050
Conc: 4.42 ng/ml



#12 AR-1232-2

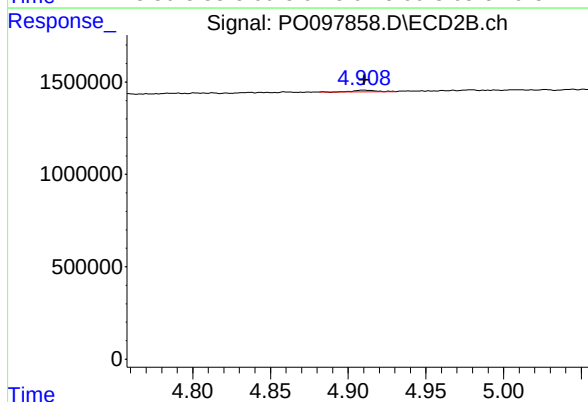
R.T.: 4.714 min
Delta R.T.: -0.019 min
Response: 158023
Conc: 7.70 ng/ml



#13 AR-1232-3

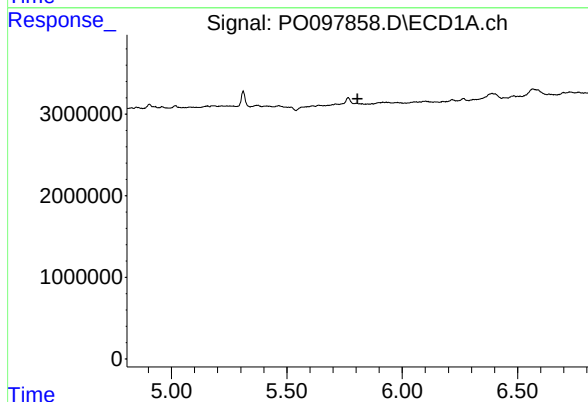
R.T.: 5.640 min
Delta R.T.: -0.004 min
Response: 383569
Conc: 5.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



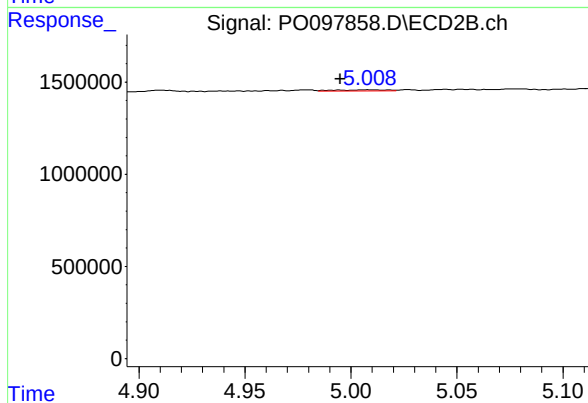
#13 AR-1232-3

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 96188
Conc: 8.85 ng/ml



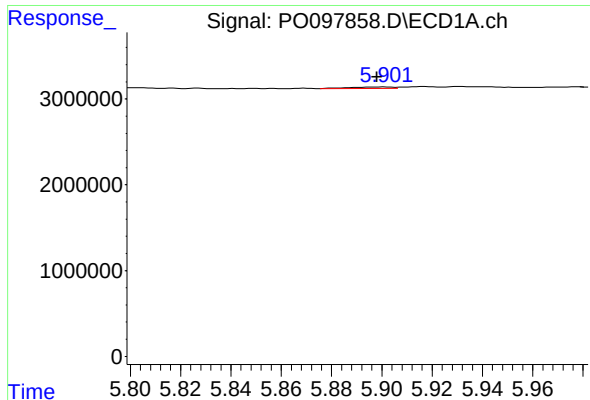
#14 AR-1232-4

R.T.: 5.800 min
Delta R.T.: -0.006 min
Response: -39110
Conc: N.D.



#14 AR-1232-4

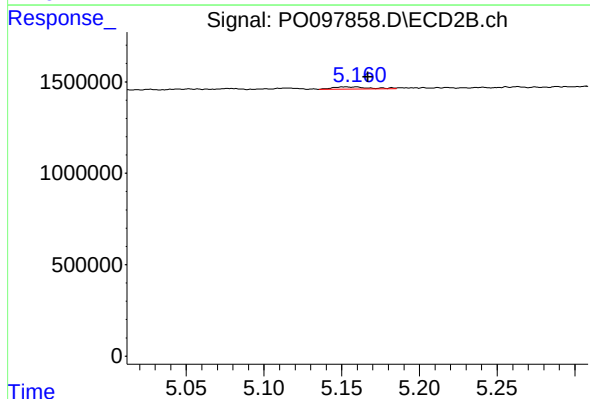
R.T.: 5.008 min
Delta R.T.: 0.013 min
Response: 102434
Conc: 9.43 ng/ml



#15 AR-1232-5

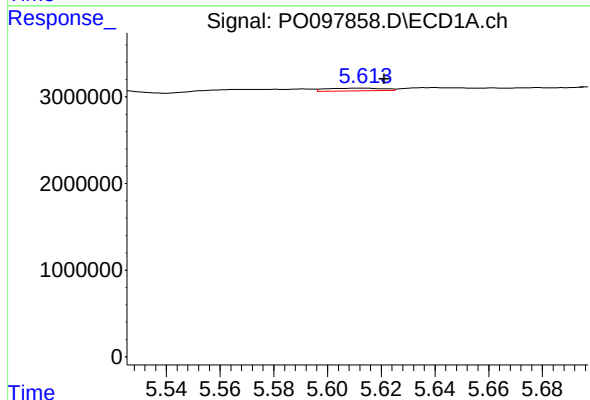
R.T.: 5.901 min
Delta R.T.: 0.003 min
Response: 223700
Conc: 7.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



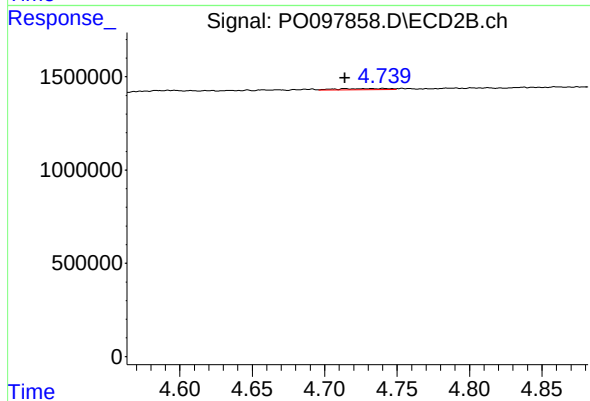
#15 AR-1232-5

R.T.: 5.152 min
Delta R.T.: -0.015 min
Response: 190433
Conc: 15.71 ng/ml



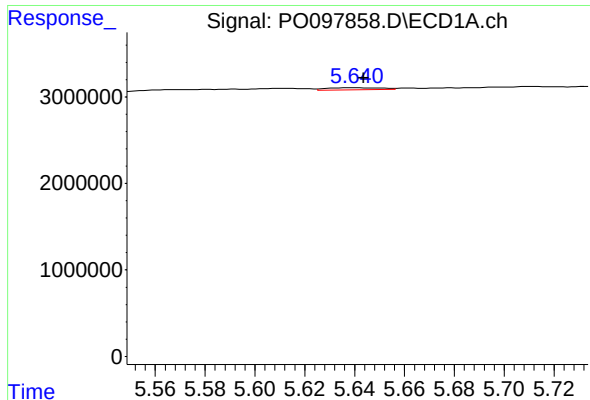
#16 AR-1242-1

R.T.: 5.613 min
Delta R.T.: -0.008 min
Response: 448844
Conc: 4.82 ng/ml



#16 AR-1242-1

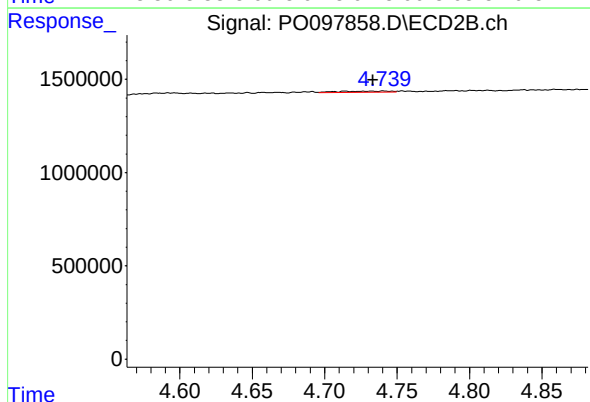
R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 158023
Conc: 5.63 ng/ml



#17 AR-1242-2

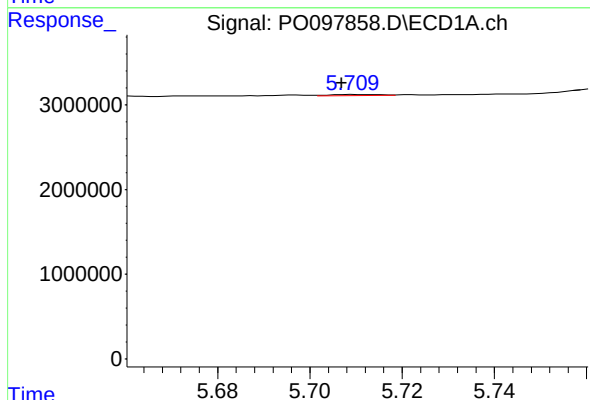
R.T.: 5.640 min
Delta R.T.: -0.003 min
Response: 383569
Conc: 2.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



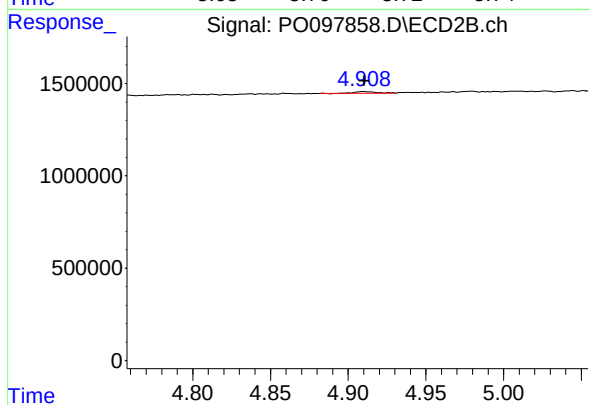
#17 AR-1242-2

R.T.: 4.714 min
Delta R.T.: -0.019 min
Response: 158023
Conc: 3.98 ng/ml



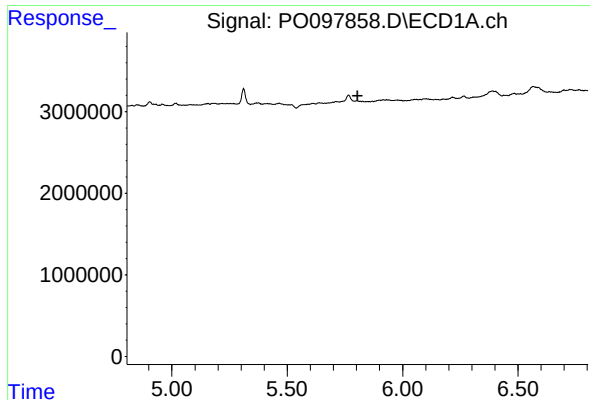
#18 AR-1242-3

R.T.: 5.711 min
Delta R.T.: 0.004 min
Response: 98624
Conc: 1.14 ng/ml



#18 AR-1242-3

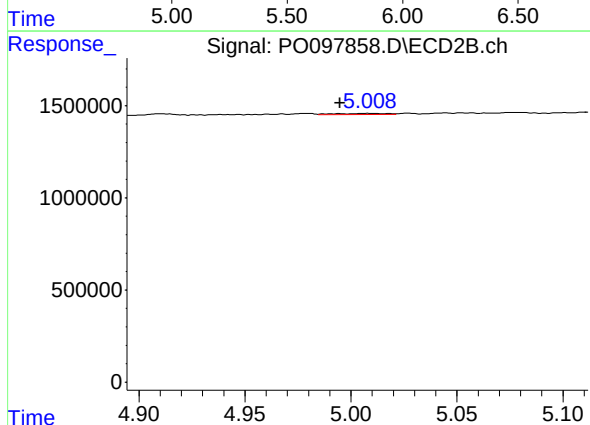
R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 96188
Conc: 4.55 ng/ml



#19 AR-1242-4

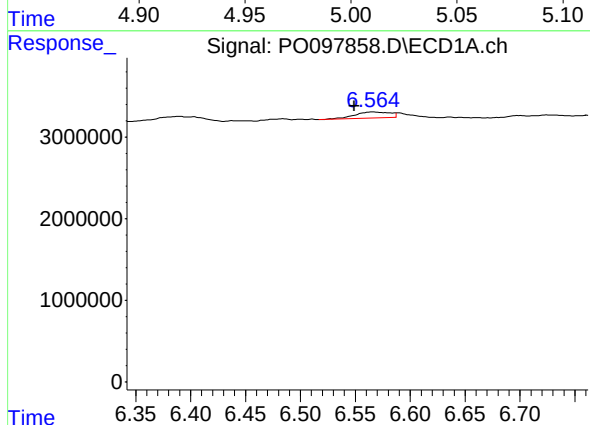
R.T.: 5.800 min
Delta R.T.: -0.005 min
Response: -39110
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



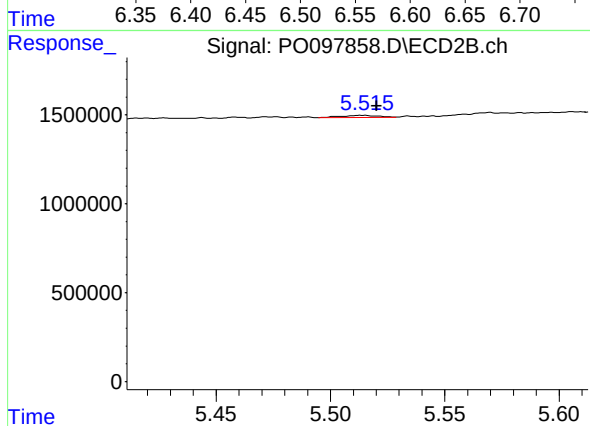
#19 AR-1242-4

R.T.: 5.008 min
Delta R.T.: 0.013 min
Response: 102434
Conc: 4.47 ng/ml



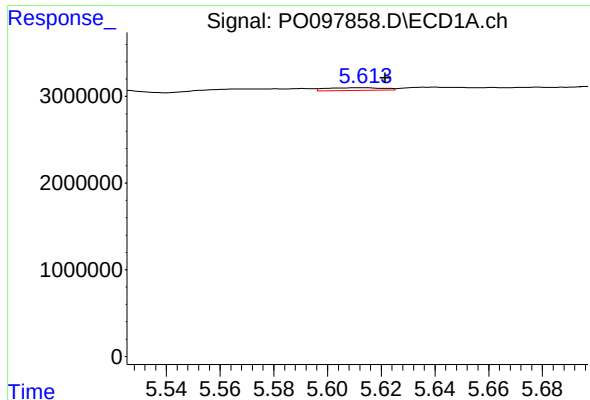
#20 AR-1242-5

R.T.: 6.565 min
Delta R.T.: 0.016 min
Response: 1612417
Conc: 22.91 ng/ml



#20 AR-1242-5

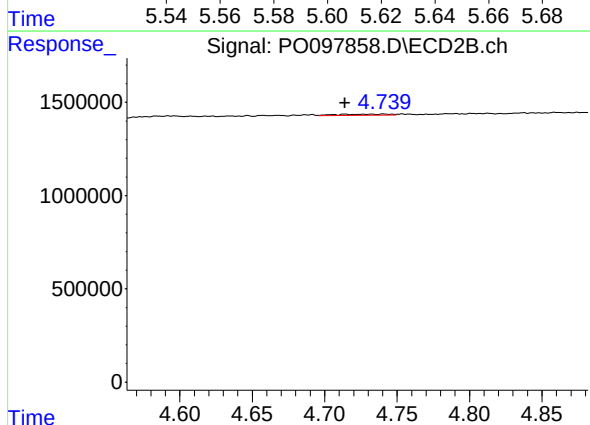
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 138970
Conc: 5.33 ng/ml



#21 AR-1248-1

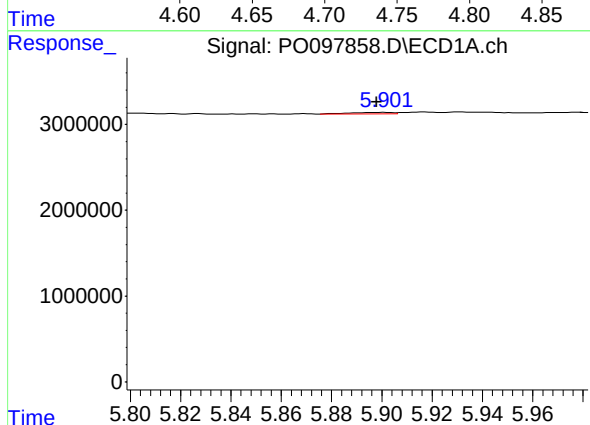
R.T.: 5.613 min
Delta R.T.: -0.008 min
Response: 448844
Conc: 6.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



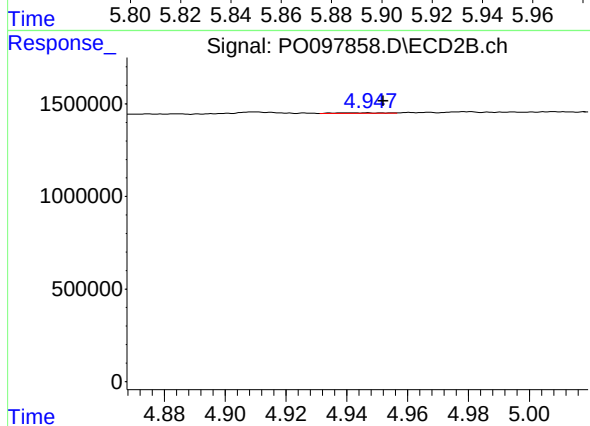
#21 AR-1248-1

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 158023
Conc: 7.69 ng/ml



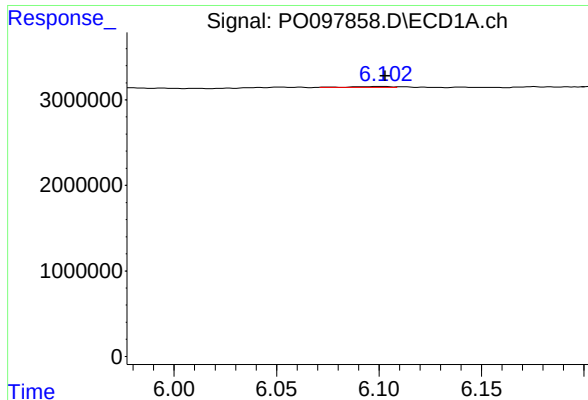
#22 AR-1248-2

R.T.: 5.901 min
Delta R.T.: 0.003 min
Response: 223700
Conc: 2.07 ng/ml



#22 AR-1248-2

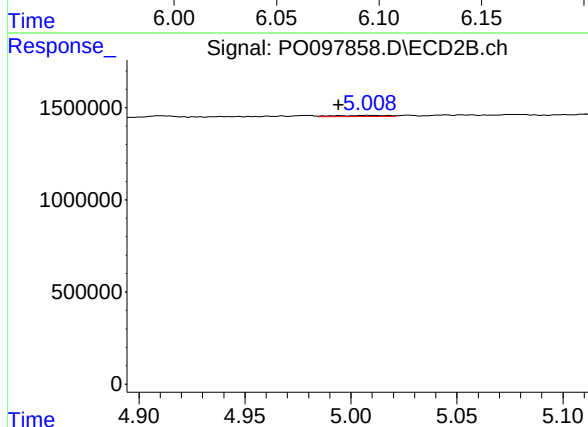
R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 42041
Conc: 1.38 ng/ml



#23 AR-1248-3

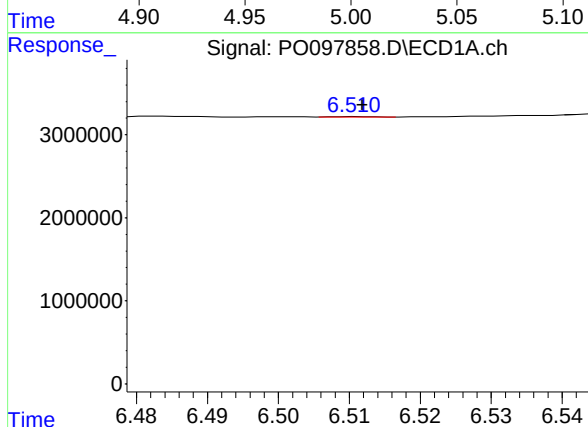
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 134610
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



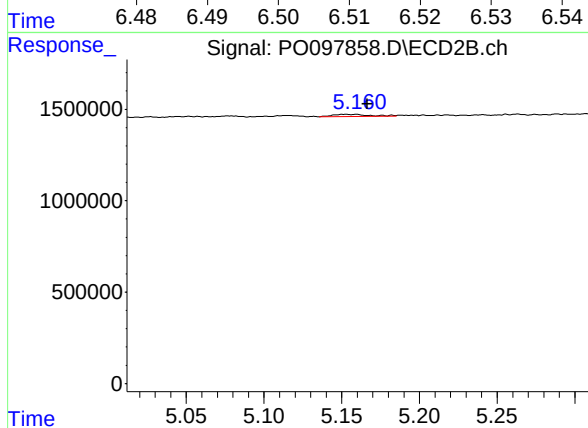
#23 AR-1248-3

R.T.: 5.008 min
Delta R.T.: 0.014 min
Response: 102434
Conc: 3.22 ng/ml



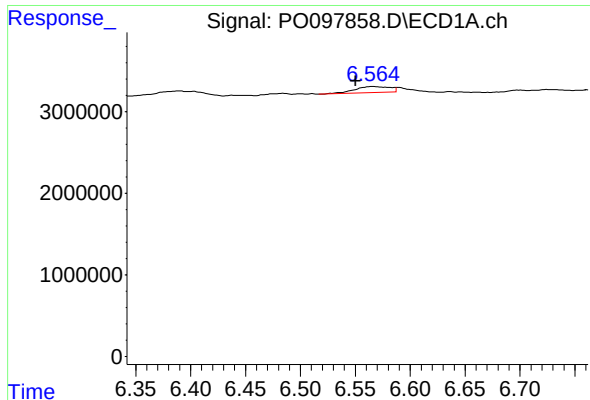
#24 AR-1248-4

R.T.: 6.511 min
Delta R.T.: 0.000 min
Response: 24859
Conc: 0.24 ng/ml



#24 AR-1248-4

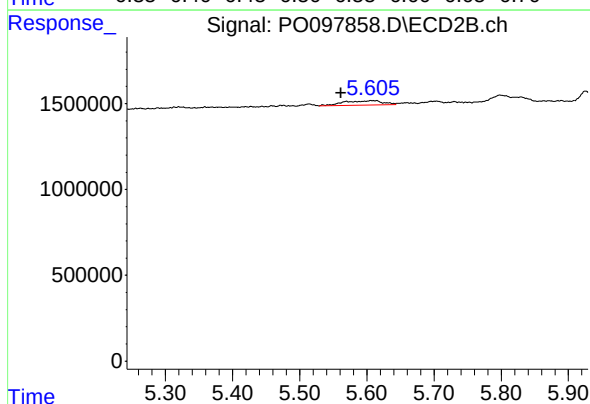
R.T.: 5.152 min
Delta R.T.: -0.015 min
Response: 190433
Conc: 5.09 ng/ml



#25 AR-1248-5

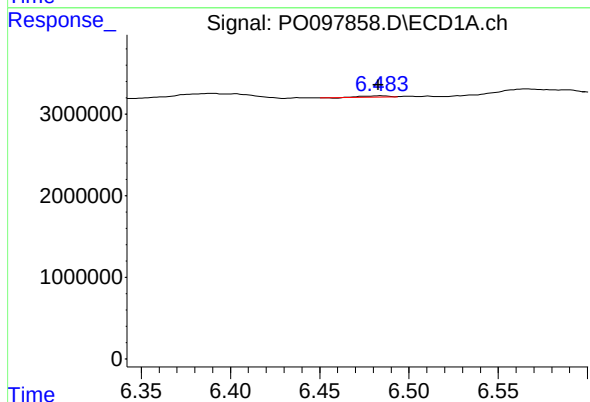
R.T.: 6.565 min
Delta R.T.: 0.015 min
Response: 1612417
Conc: 14.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



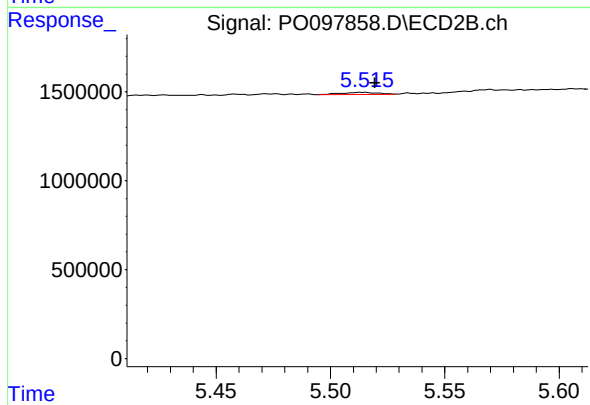
#25 AR-1248-5

R.T.: 5.607 min
Delta R.T.: 0.045 min
Response: 1070343
Conc: 32.12 ng/ml



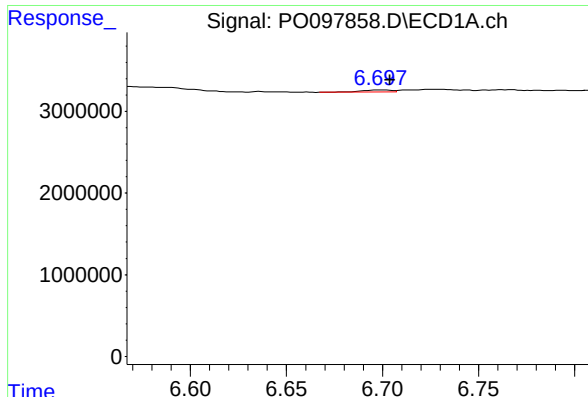
#26 AR-1254-1

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 164928
Conc: 1.35 ng/ml



#26 AR-1254-1

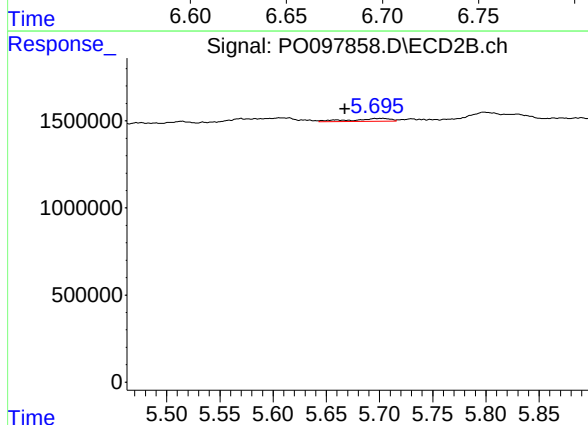
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 138970
Conc: 2.56 ng/ml



#27 AR-1254-2

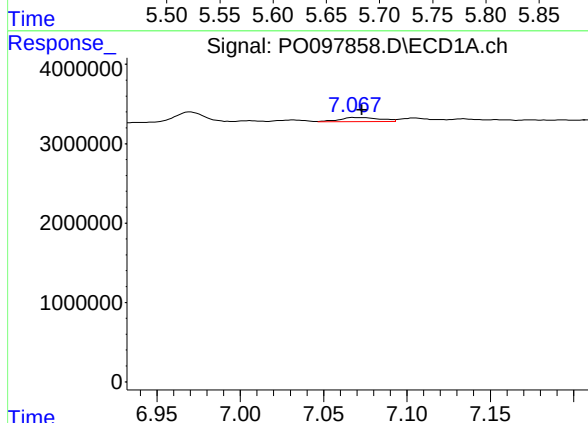
R.T.: 6.700 min
Delta R.T.: -0.004 min
Response: 287437
Conc: 1.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



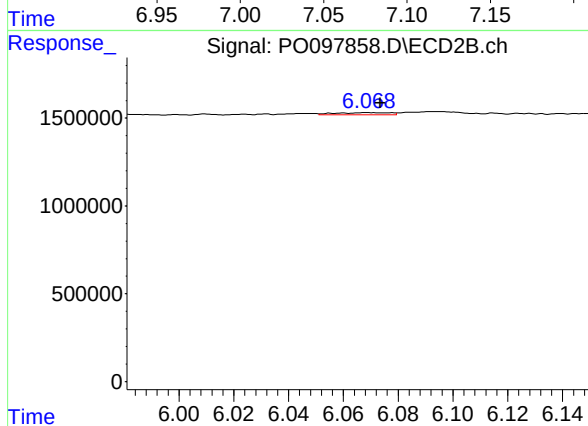
#27 AR-1254-2

R.T.: 5.703 min
Delta R.T.: 0.035 min
Response: 419209
Conc: 8.71 ng/ml



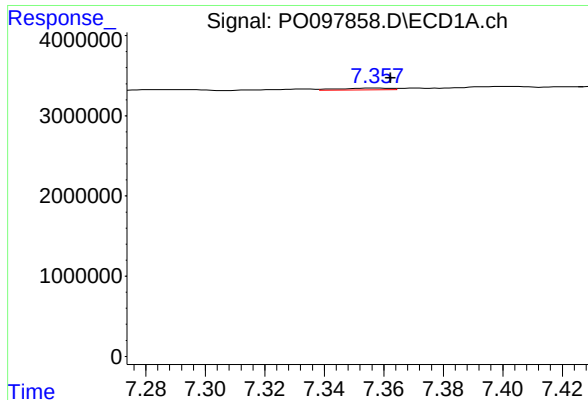
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: -0.005 min
Response: 878250
Conc: 4.96 ng/ml



#28 AR-1254-3

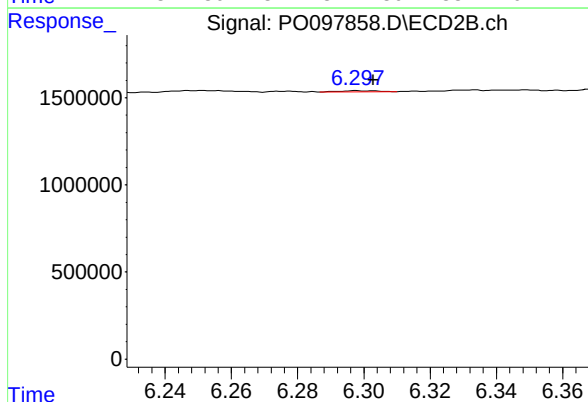
R.T.: 6.069 min
Delta R.T.: -0.005 min
Response: 164542
Conc: 2.23 ng/ml



#29 AR-1254-4

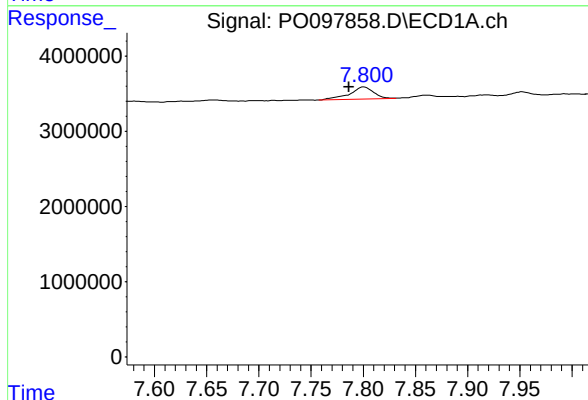
R.T.: 7.357 min
Delta R.T.: -0.005 min
Response: 264936
Conc: 2.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



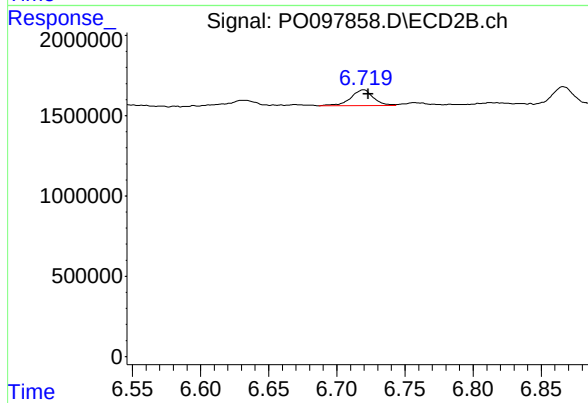
#29 AR-1254-4

R.T.: 6.298 min
Delta R.T.: -0.005 min
Response: 60169
Conc: 1.52 ng/ml



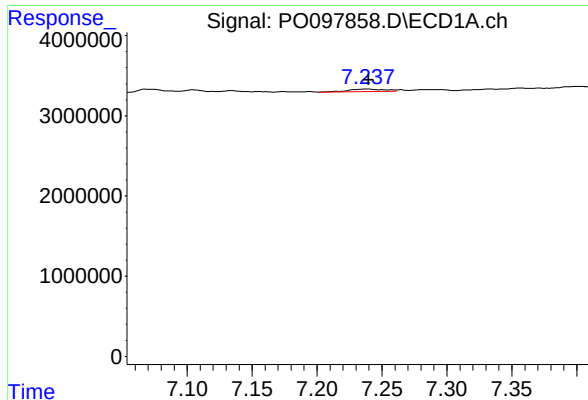
#30 AR-1254-5

R.T.: 7.801 min
Delta R.T.: 0.015 min
Response: 2633373
Conc: 21.90 ng/ml



#30 AR-1254-5

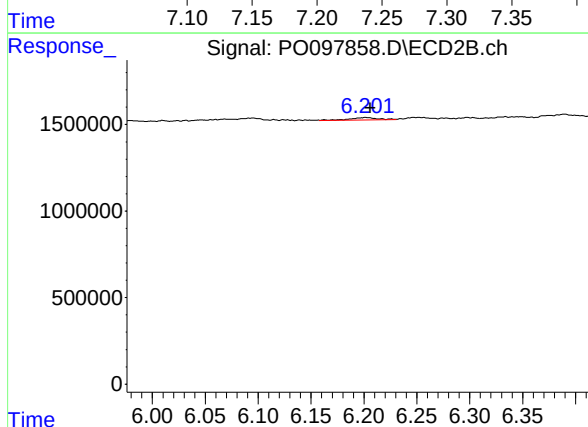
R.T.: 6.720 min
Delta R.T.: -0.003 min
Response: 1134533
Conc: 18.42 ng/ml



#31 AR-1260-1

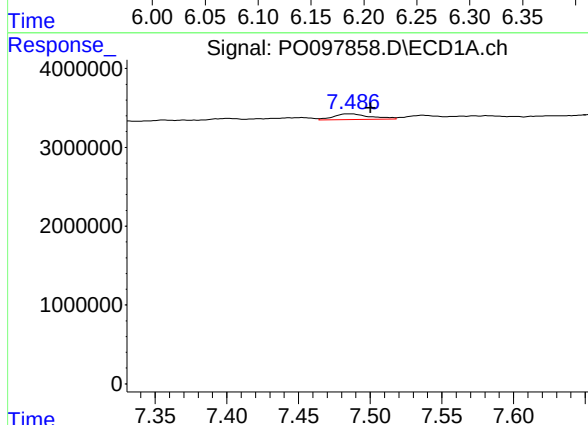
R.T.: 7.238 min
Delta R.T.: -0.002 min
Response: 627731
Conc: 4.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



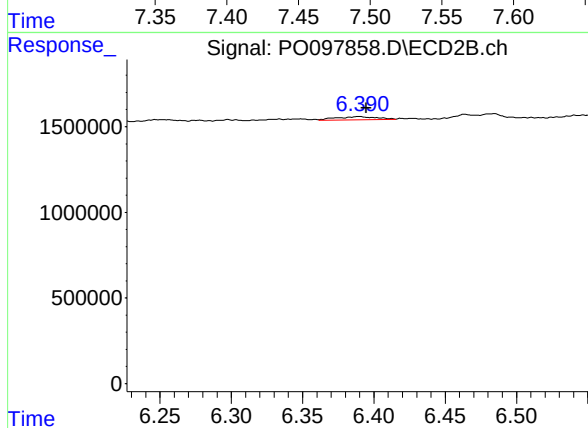
#31 AR-1260-1

R.T.: 6.202 min
Delta R.T.: -0.004 min
Response: 256043
Conc: 4.81 ng/ml



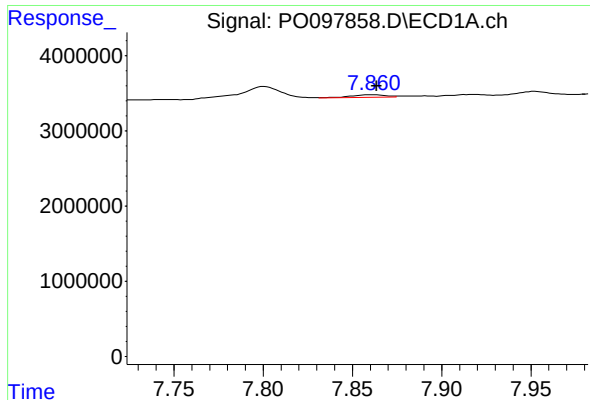
#32 AR-1260-2

R.T.: 7.486 min
Delta R.T.: -0.014 min
Response: 1258185
Conc: 8.32 ng/ml



#32 AR-1260-2

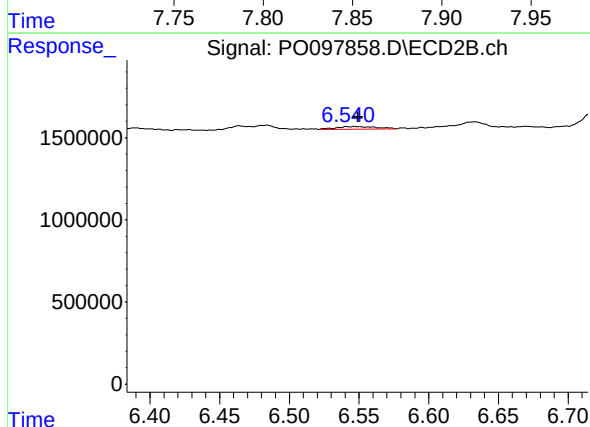
R.T.: 6.390 min
Delta R.T.: -0.005 min
Response: 375568
Conc: 6.00 ng/ml



#33 AR-1260-3

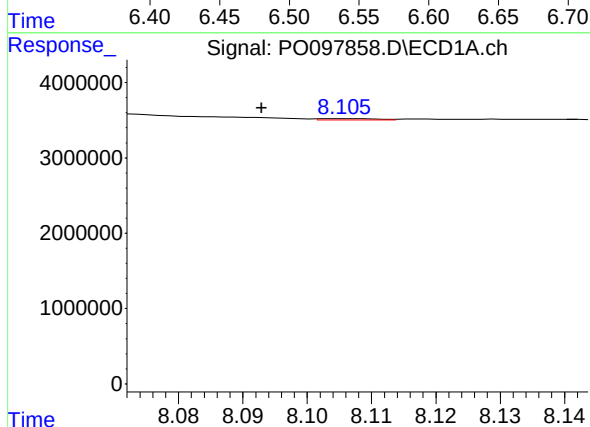
R.T.: 7.862 min
Delta R.T.: -0.002 min
Response: 448973
Conc: 3.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



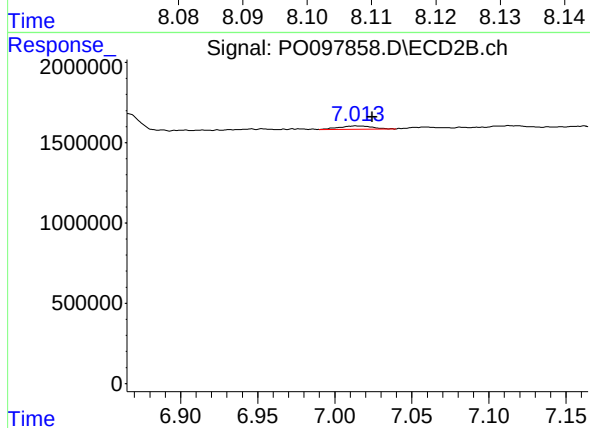
#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.002 min
Response: 308628
Conc: 5.35 ng/ml



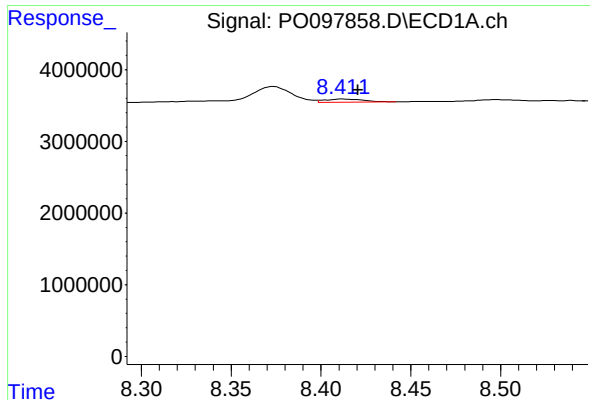
#34 AR-1260-4

R.T.: 8.106 min
Delta R.T.: 0.013 min
Response: 103730
Conc: 0.87 ng/ml



#34 AR-1260-4

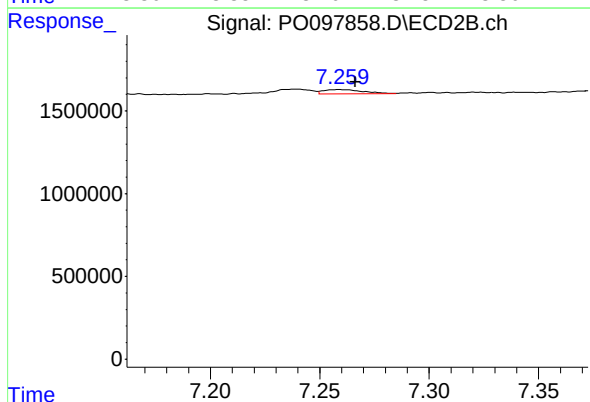
R.T.: 7.014 min
Delta R.T.: -0.011 min
Response: 323045
Conc: 6.89 ng/ml



#35 AR-1260-5

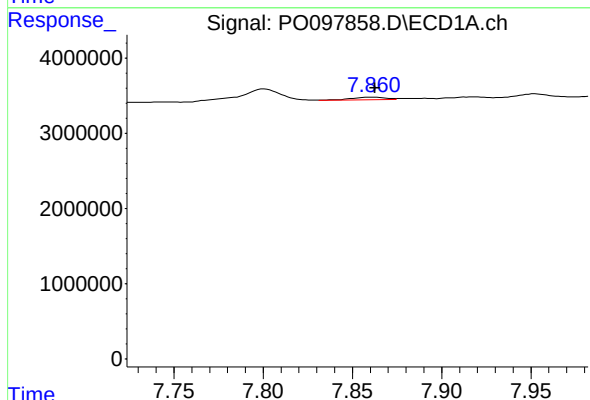
R.T.: 8.412 min
Delta R.T.: -0.009 min
Response: 642517
Conc: 3.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



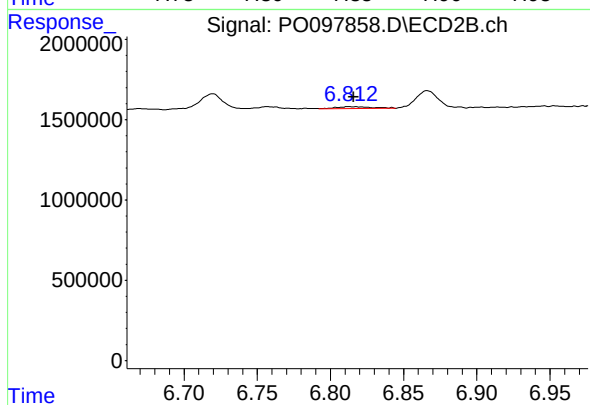
#35 AR-1260-5

R.T.: 7.259 min
Delta R.T.: -0.007 min
Response: 329537
Conc: 3.32 ng/ml



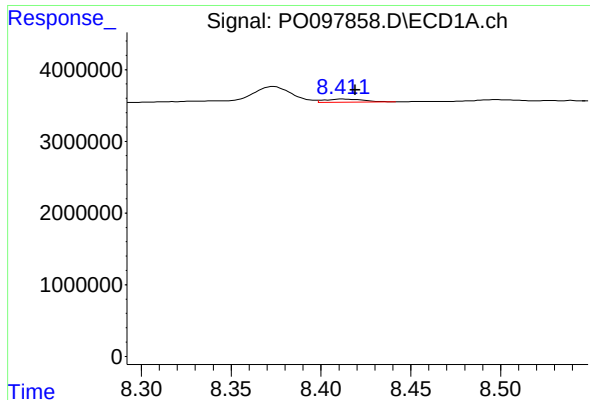
#36 AR-1262-1

R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 448973
Conc: 2.95 ng/ml



#36 AR-1262-1

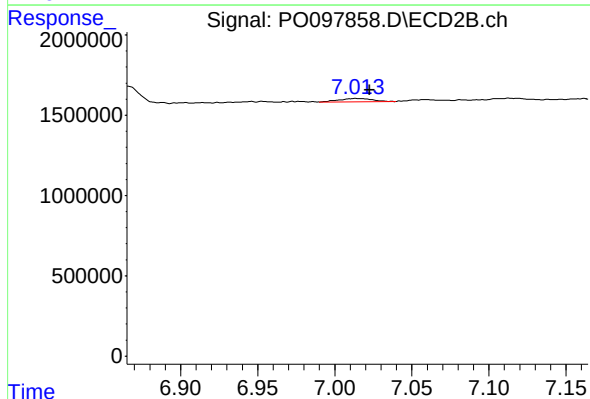
R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 205396
Conc: 7.58 ng/ml



#37 AR-1262-2

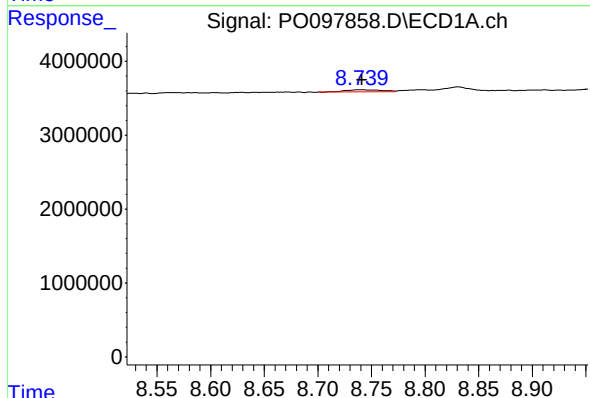
R.T.: 8.412 min
Delta R.T.: -0.007 min
Response: 642517
Conc: 2.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



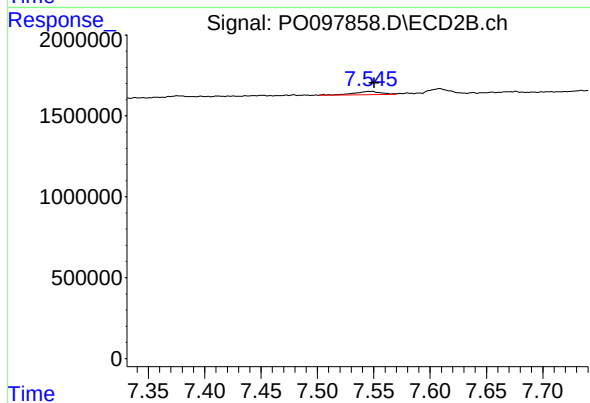
#37 AR-1262-2

R.T.: 7.014 min
Delta R.T.: -0.009 min
Response: 323045
Conc: 5.54 ng/ml



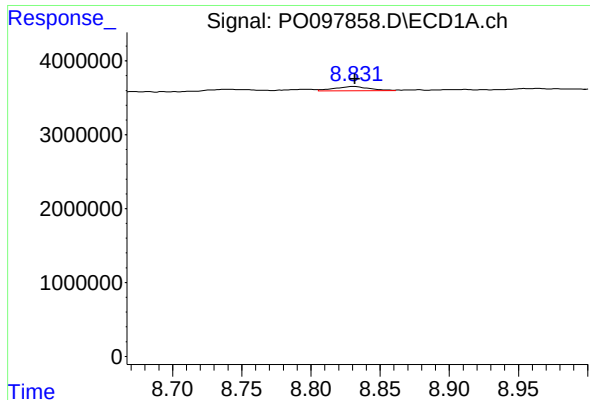
#38 AR-1262-3

R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 616703
Conc: 3.99 ng/ml



#38 AR-1262-3

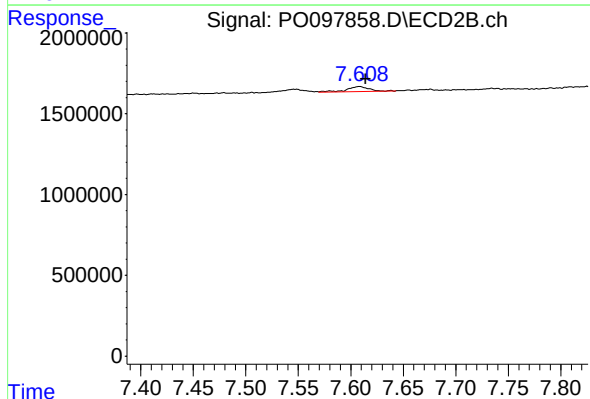
R.T.: 7.547 min
Delta R.T.: -0.004 min
Response: 322079
Conc: 7.38 ng/ml



#39 AR-1262-4

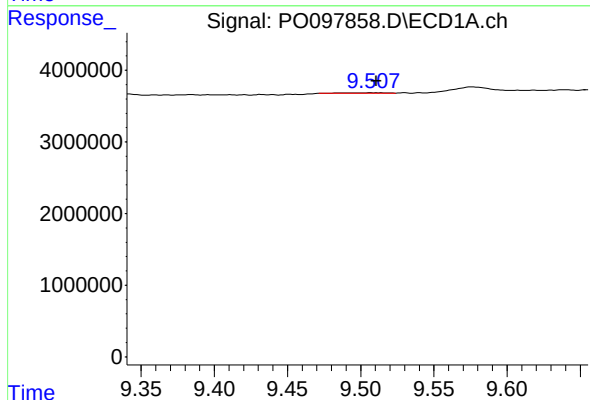
R.T.: 8.832 min
Delta R.T.: 0.000 min
Response: 1014936
Conc: 12.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



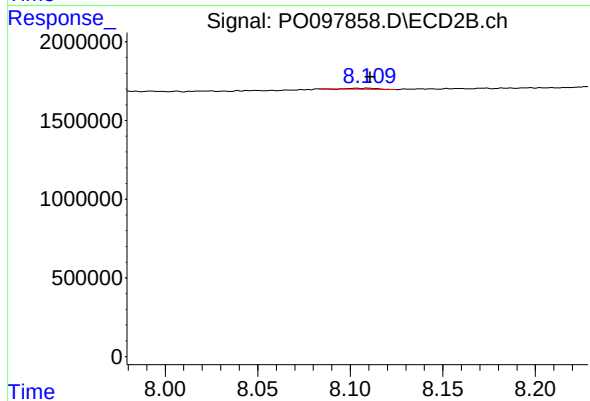
#39 AR-1262-4

R.T.: 7.608 min
Delta R.T.: -0.006 min
Response: 451889
Conc: 5.94 ng/ml



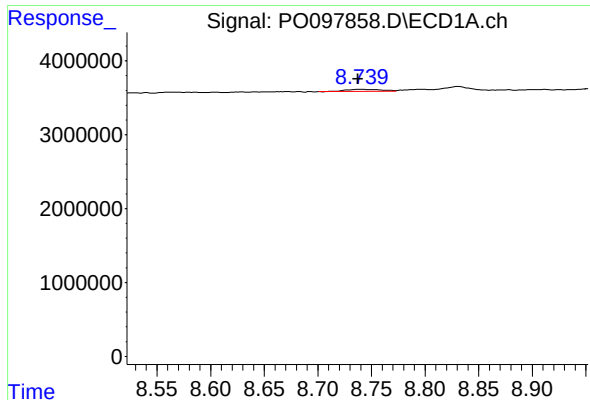
#40 AR-1262-5

R.T.: 9.508 min
Delta R.T.: -0.003 min
Response: 151737
Conc: 2.11 ng/ml



#40 AR-1262-5

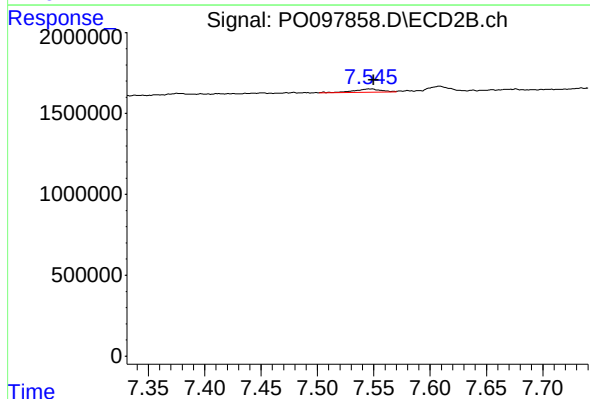
R.T.: 8.108 min
Delta R.T.: -0.003 min
Response: 66917
Conc: 2.13 ng/ml



#41 AR-1268-1

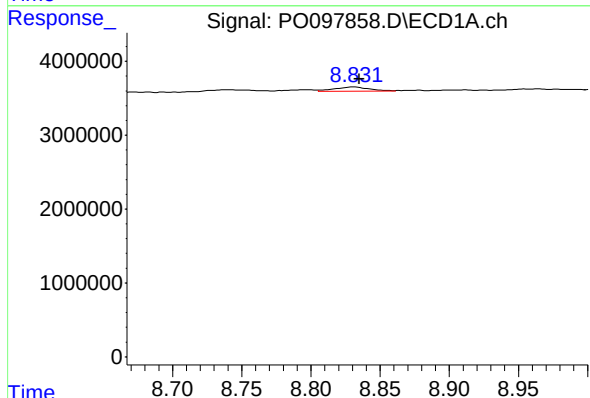
R.T.: 8.739 min
Delta R.T.: 0.002 min
Response: 616703
Conc: 2.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



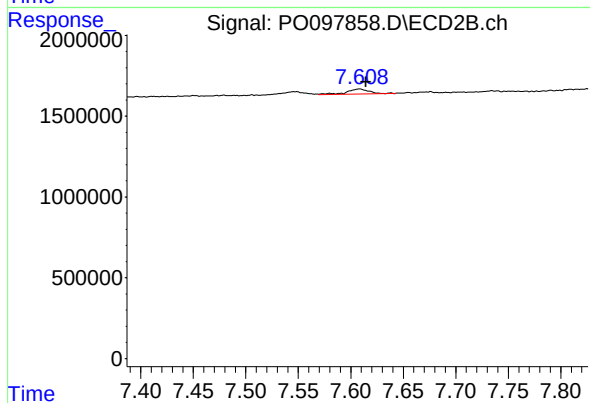
#41 AR-1268-1

R.T.: 7.547 min
Delta R.T.: -0.003 min
Response: 322079
Conc: 2.45 ng/ml



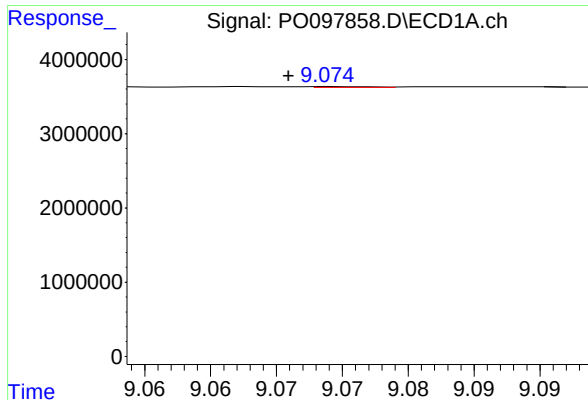
#42 AR-1268-2

R.T.: 8.832 min
Delta R.T.: -0.004 min
Response: 1014936
Conc: 3.97 ng/ml



#42 AR-1268-2

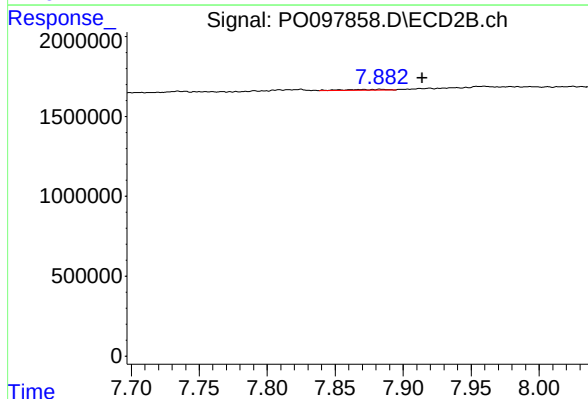
R.T.: 7.608 min
Delta R.T.: -0.007 min
Response: 451889
Conc: 3.92 ng/ml



#43 AR-1268-3

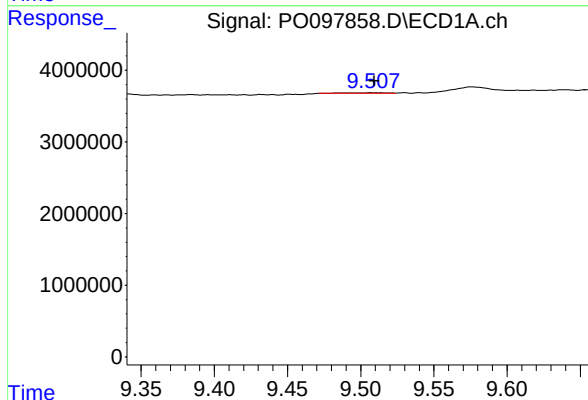
R.T.: 9.074 min
Delta R.T.: 0.003 min
Response: 37042
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



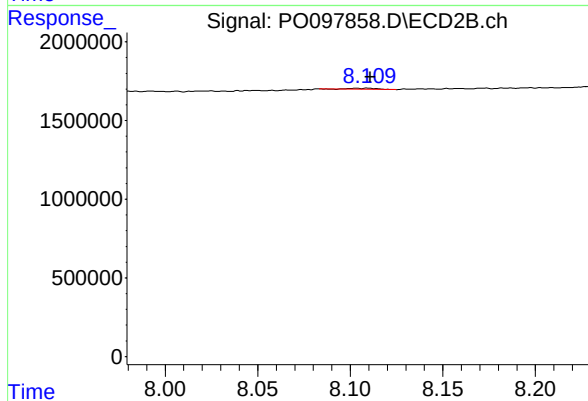
#43 AR-1268-3

R.T.: 7.883 min
Delta R.T.: -0.031 min
Response: 107568
Conc: 3.89 ng/ml



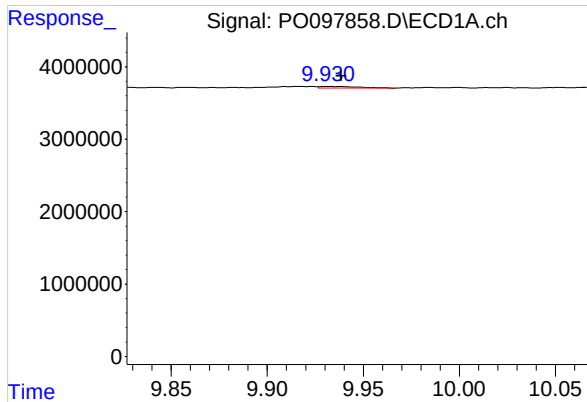
#44 AR-1268-4

R.T.: 9.508 min
Delta R.T.: -0.002 min
Response: 151737
Conc: 1.86 ng/ml



#44 AR-1268-4

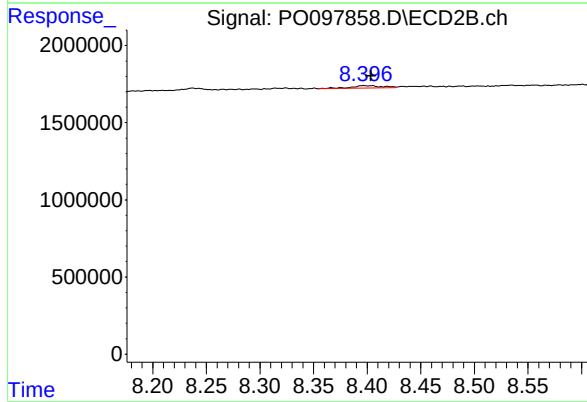
R.T.: 8.108 min
Delta R.T.: -0.003 min
Response: 66917
Conc: 1.90 ng/ml



#45 AR-1268-5

R.T.: 9.931 min
Delta R.T.: -0.007 min
Response: 294223
Conc: 0.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.398 min
Delta R.T.: -0.005 min
Response: 317722
Conc: 1.01 ng/ml