

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081723\
 Data File : P0097190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2023 13:43
 Operator : YP/AJ
 Sample : 04030-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:16:49 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	38437486	14266036	11.612	10.777
2) SA Decachlor...	10.348	8.630	29661950	15718128	13.555	13.586
Target Compounds						
3) L1 AR-1016-1	5.597	4.723	49515	118680	0.526	2.677 #
4) L1 AR-1016-2	5.620	4.723	246593	118680	1.843	1.940
5) L1 AR-1016-3	5.682	4.937	180920	338706	2.079	10.368 #
6) L1 AR-1016-4	5.748	4.937	771816	338706	11.490	11.848
7) L1 AR-1016-5	6.091	5.150	1040302	400249	14.900	10.411 #
8) L2 AR-1221-1	4.621	0.000	8150545	0	199.989	N.D. #
9) L2 AR-1221-2	4.722	3.940	650396	2374583	21.409	183.781 #
10) L2 AR-1221-3	4.801	3.988	545434	282124	6.231	7.107
11) L3 AR-1232-1	4.801	3.988	545434	282124	7.479	8.722
12) L3 AR-1232-2	5.327	4.723	198068	118680	4.996	4.113
13) L3 AR-1232-3	5.620	4.937	246593	338706	4.031	22.339 #
14) L3 AR-1232-4	5.748	4.976	771816	100430	25.294	6.720 #
15) L3 AR-1232-5	5.876	5.150	917756	400249	32.797	24.485 #
16) L4 AR-1242-1	5.597	4.723	49515	118680	0.591	3.010 #
17) L4 AR-1242-2	5.620	4.723	246593	118680	2.094	2.178
18) L4 AR-1242-3	5.682	4.937	180920	338706	2.449	11.455 #
19) L4 AR-1242-4	5.748	4.976	771816	100430	12.965	3.187 #
20) L4 AR-1242-5	6.504	5.503	841169	1588513	15.288	43.597 #
21) L5 AR-1248-1	5.597	4.723	49515	118680	0.845	4.229 #
22) L5 AR-1248-2	5.876	4.937	917756	338706	9.762	7.992
23) L5 AR-1248-3	6.091	4.976	1040302	100430	10.636	2.290 #
24) L5 AR-1248-4	6.504	5.150	841169	400249	9.260	7.840
25) L5 AR-1248-5	6.504	5.547	841169	227488	9.549	4.866 #
26) L6 AR-1254-1	6.470	5.503	2573105	1588513	23.544	21.526
27) L6 AR-1254-2	6.695	5.651	3656724	1704989	22.681	25.880
28) L6 AR-1254-3	7.073	6.057	3012936	2500549	19.228	24.743 #
29) L6 AR-1254-4	7.367	6.285	1973870	749585	19.579	12.952 #
30) L6 AR-1254-5	7.796	6.703	6685484	3702368	59.578	42.113 #
31) L7 AR-1260-1	7.241	6.186	5110267	2448626	40.658	34.797
32) L7 AR-1260-2	7.503	6.375	5675089	2909895	42.120	34.864
33) L7 AR-1260-3	7.874	6.528	3622942	2458135	34.912	31.833
34) L7 AR-1260-4	8.105	7.001	7021978	2043836	62.806	31.894 #
35) L7 AR-1260-5	8.440	7.245	6649090	4491569	31.665	32.399
36) L8 AR-1262-1	7.874	6.796	3622942	1306142	24.392	33.177 #
37) L8 AR-1262-2	8.440	7.001	6649090	2043836	28.726	25.200
38) L8 AR-1262-3	8.780	7.529	5210210	1114792	31.237	17.372 #
39) L8 AR-1262-4	8.844	7.592	1973429	3242920	27.068	28.547
40) L8 AR-1262-5	9.550	8.089	1699563	920888	20.408	17.535
41) L9 AR-1268-1	8.780	7.529	5210210	1114792	16.949	6.016 #

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Integration File signal 1: autoint1.e
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 Integrator: ChemStation

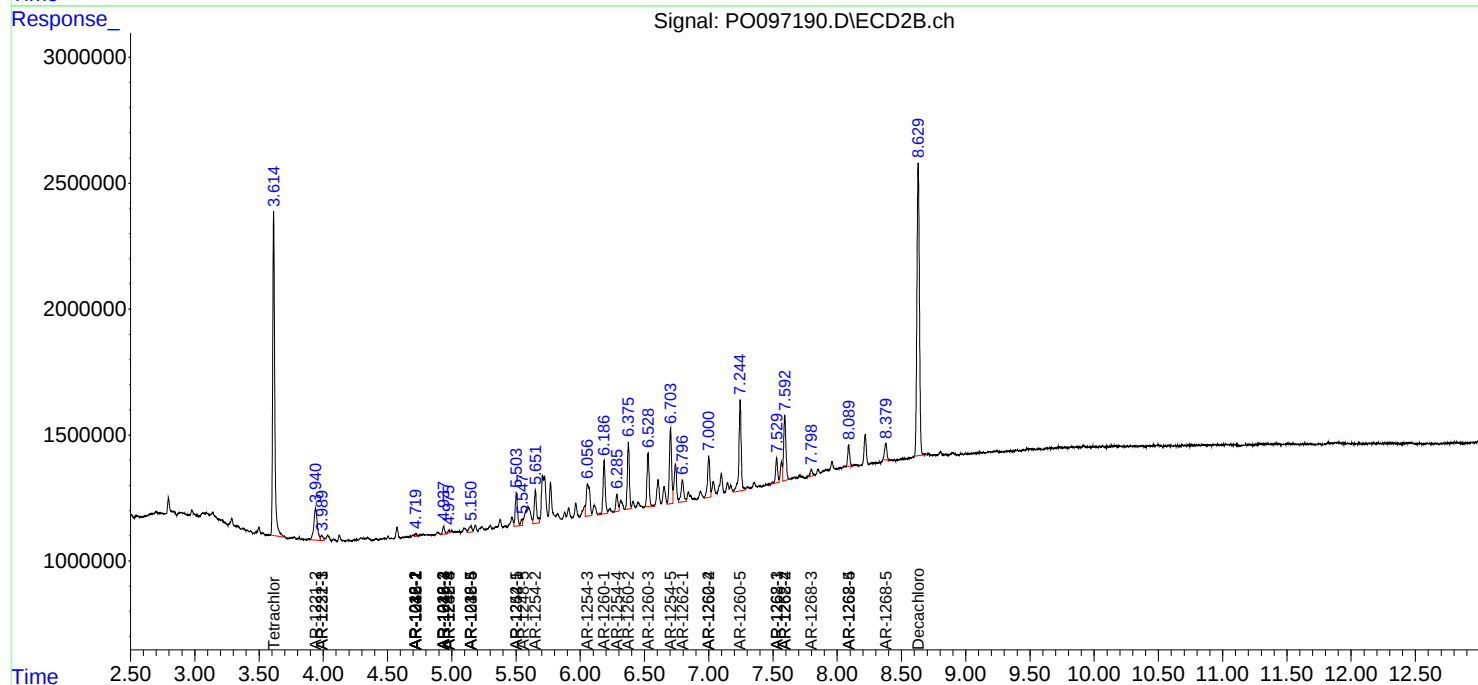
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

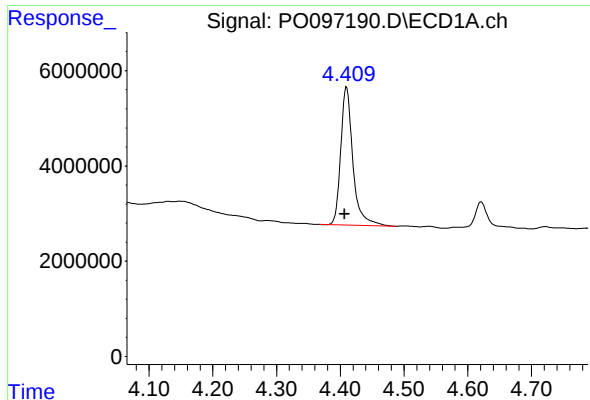
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.863	7.592	1532581	3242920	5.589	19.339 #
43) L9	AR-1268-3	9.098	7.799	1535970	310047	6.014	2.146 #
44) L9	AR-1268-4	9.550	8.089	1699563	920888	18.331	15.458
45) L9	AR-1268-5	9.990	8.378	1540352	824586	1.907	1.983

(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

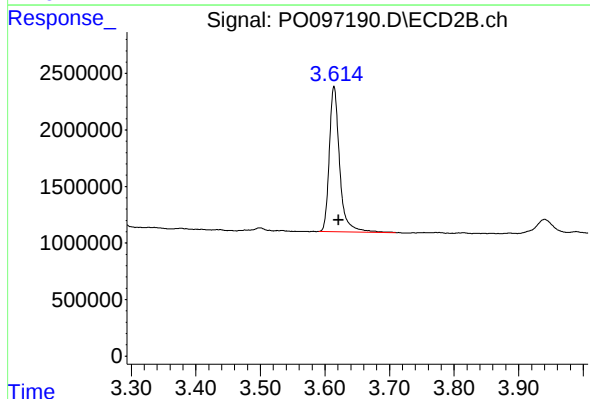




#1 Tetrachloro-m-xylene

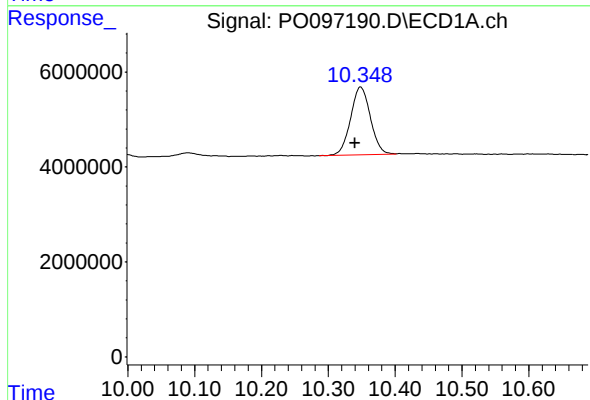
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 38437486
Conc: 11.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



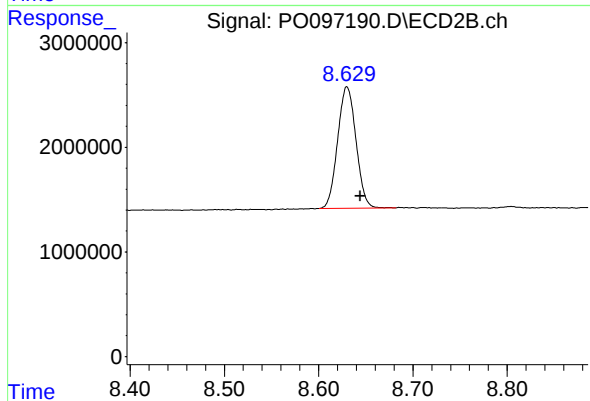
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 14266036
Conc: 10.78 ng/ml



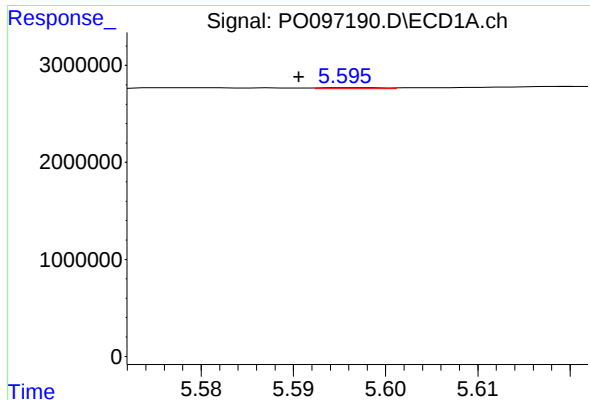
#2 Decachlorobiphenyl

R.T.: 10.348 min
Delta R.T.: 0.009 min
Response: 29661950
Conc: 13.56 ng/ml



#2 Decachlorobiphenyl

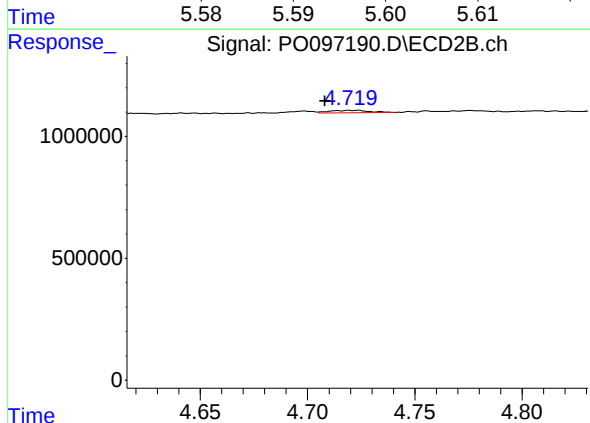
R.T.: 8.630 min
Delta R.T.: -0.014 min
Response: 15718128
Conc: 13.59 ng/ml



#3 AR-1016-1

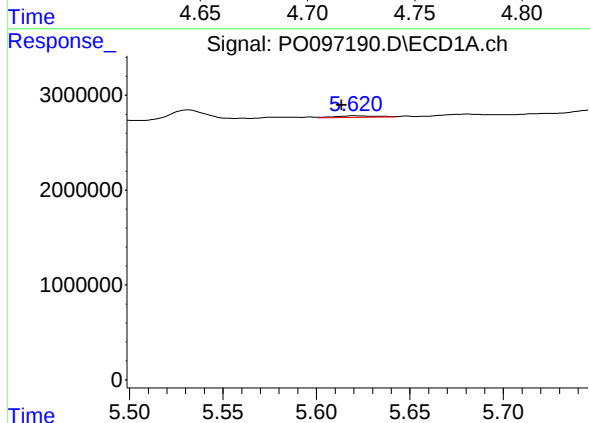
R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 49515
Conc: 0.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



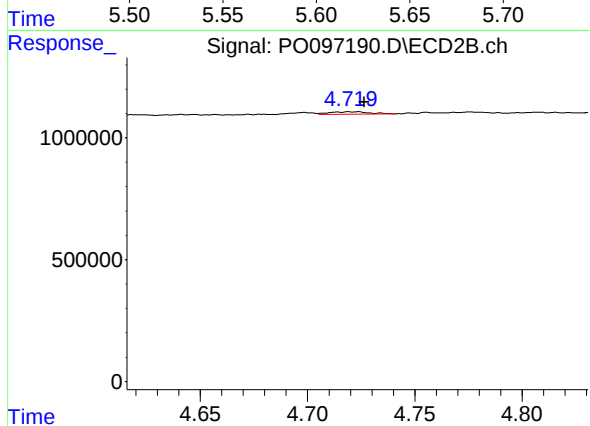
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: 0.015 min
Response: 118680
Conc: 2.68 ng/ml



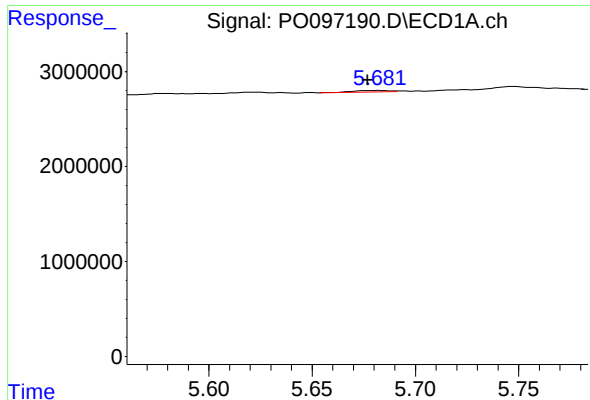
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 246593
Conc: 1.84 ng/ml



#4 AR-1016-2

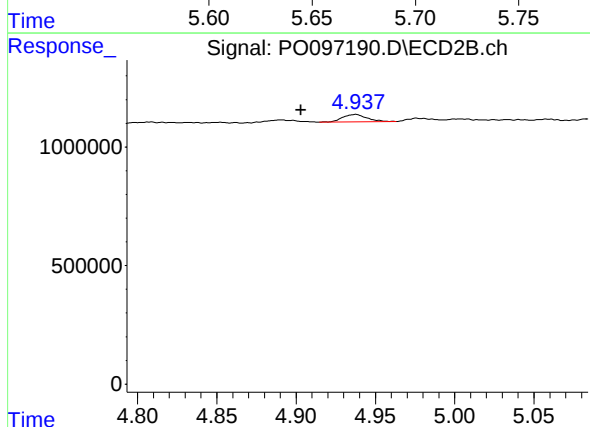
R.T.: 4.723 min
Delta R.T.: -0.003 min
Response: 118680
Conc: 1.94 ng/ml



#5 AR-1016-3

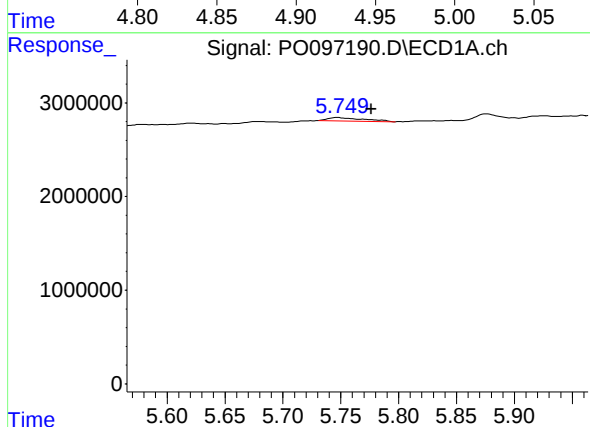
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 180920
Conc: 2.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



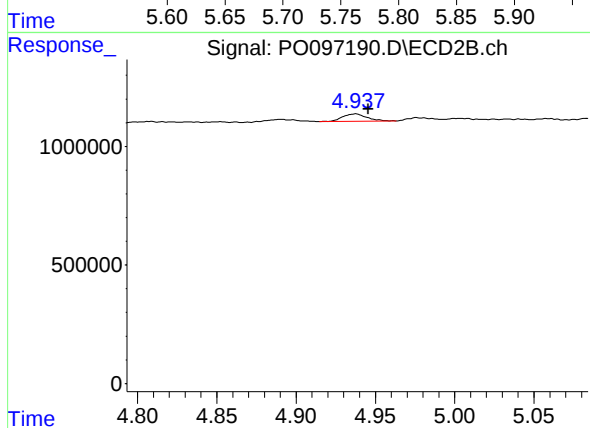
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: 0.034 min
Response: 338706
Conc: 10.37 ng/ml



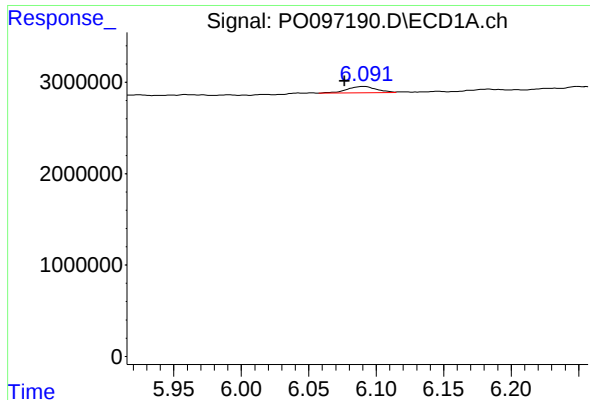
#6 AR-1016-4

R.T.: 5.748 min
Delta R.T.: -0.029 min
Response: 771816
Conc: 11.49 ng/ml



#6 AR-1016-4

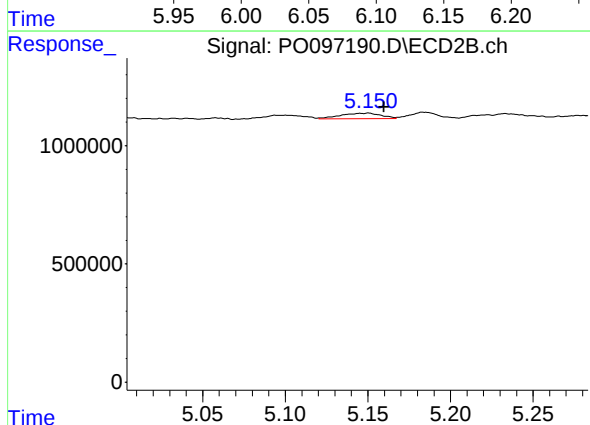
R.T.: 4.937 min
Delta R.T.: -0.008 min
Response: 338706
Conc: 11.85 ng/ml



#7 AR-1016-5

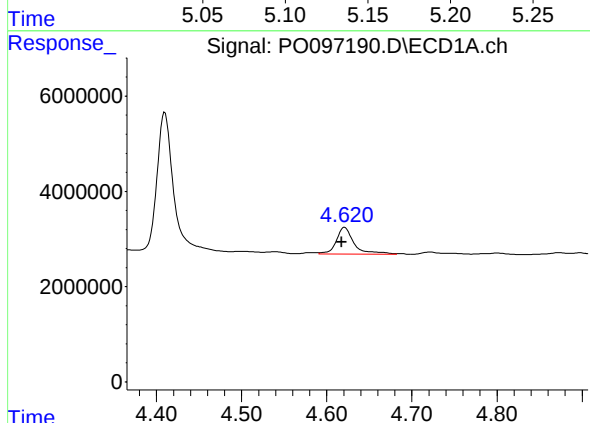
R.T.: 6.091 min
Delta R.T.: 0.015 min
Response: 1040302
Conc: 14.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



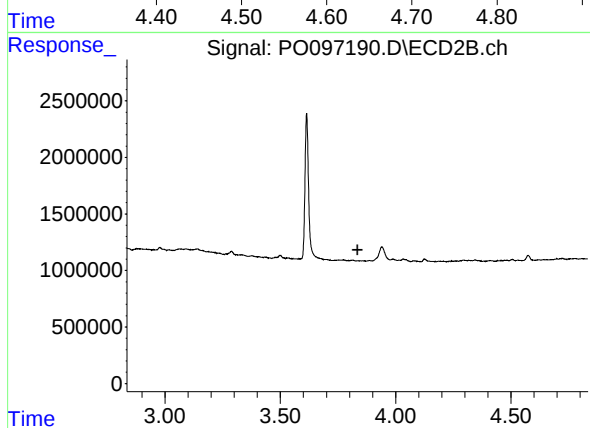
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.010 min
Response: 400249
Conc: 10.41 ng/ml



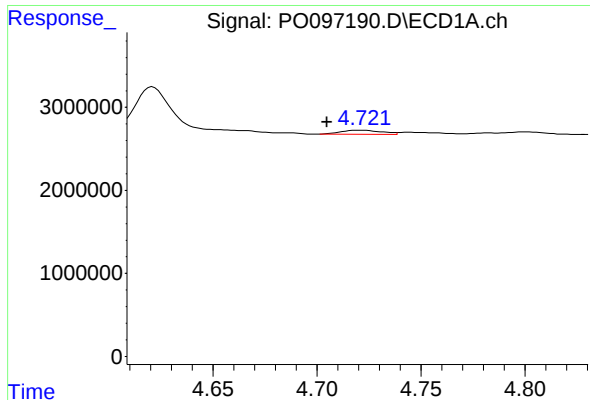
#8 AR-1221-1

R.T.: 4.621 min
Delta R.T.: 0.003 min
Response: 8150545
Conc: 199.99 ng/ml



#8 AR-1221-1

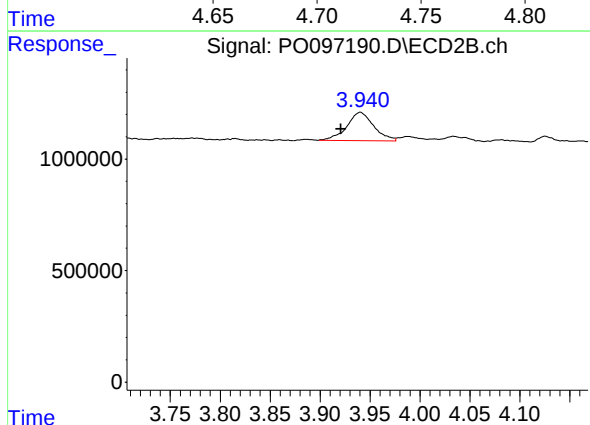
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

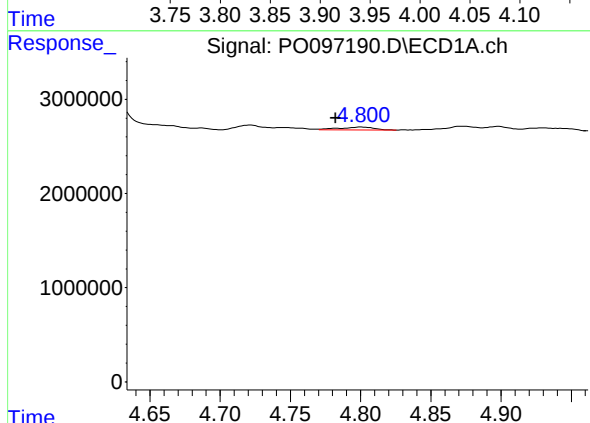
R.T.: 4.722 min
Delta R.T.: 0.017 min
Response: 650396
Conc: 21.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



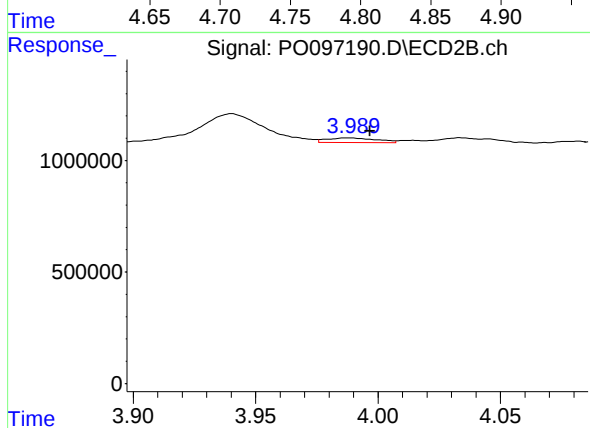
#9 AR-1221-2

R.T.: 3.940 min
Delta R.T.: 0.019 min
Response: 2374583
Conc: 183.78 ng/ml



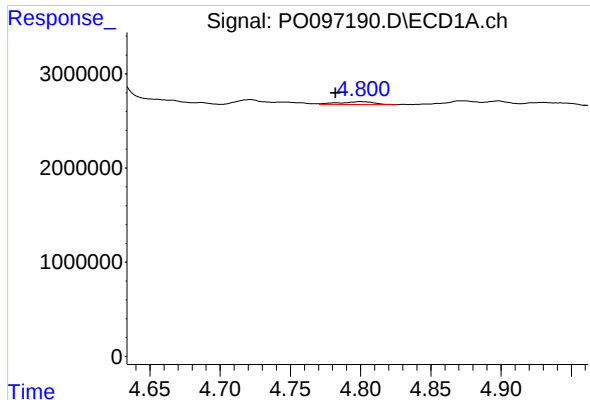
#10 AR-1221-3

R.T.: 4.801 min
Delta R.T.: 0.018 min
Response: 545434
Conc: 6.23 ng/ml



#10 AR-1221-3

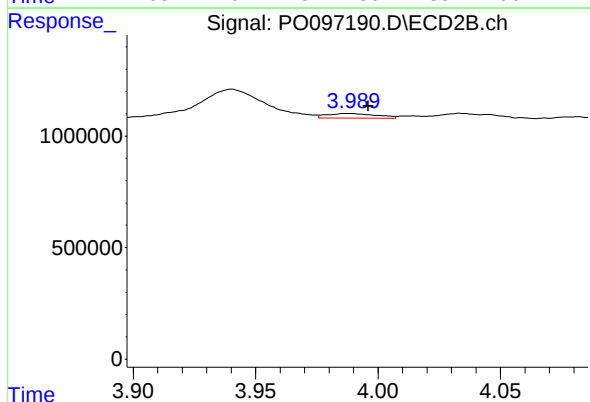
R.T.: 3.988 min
Delta R.T.: -0.009 min
Response: 282124
Conc: 7.11 ng/ml



#11 AR-1232-1

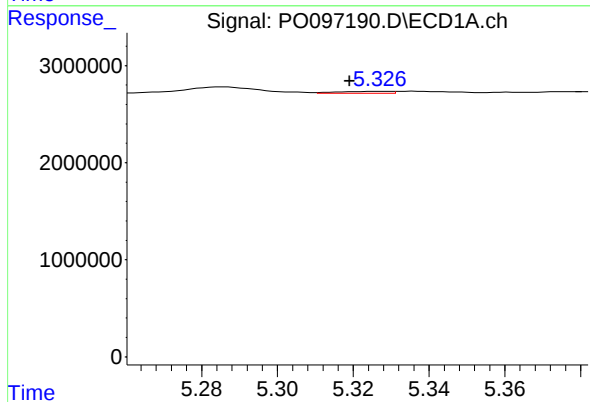
R.T.: 4.801 min
Delta R.T.: 0.018 min
Response: 545434
Conc: 7.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



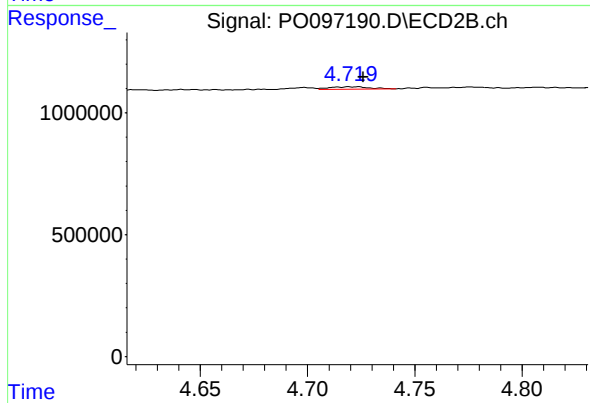
#11 AR-1232-1

R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 282124
Conc: 8.72 ng/ml



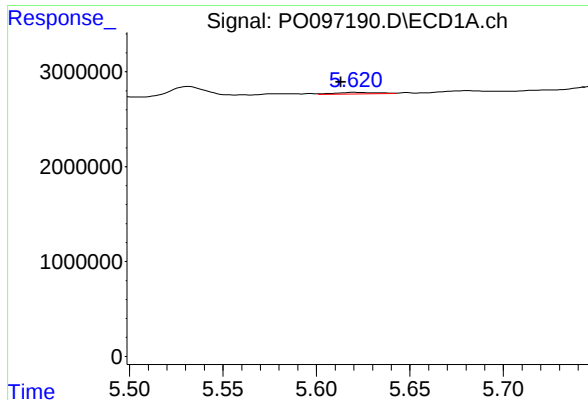
#12 AR-1232-2

R.T.: 5.327 min
Delta R.T.: 0.008 min
Response: 198068
Conc: 5.00 ng/ml



#12 AR-1232-2

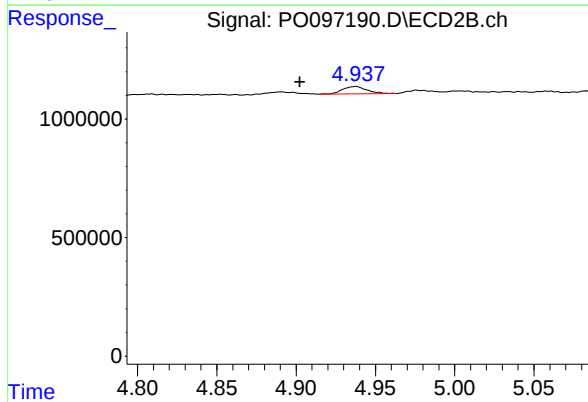
R.T.: 4.723 min
Delta R.T.: -0.003 min
Response: 118680
Conc: 4.11 ng/ml



#13 AR-1232-3

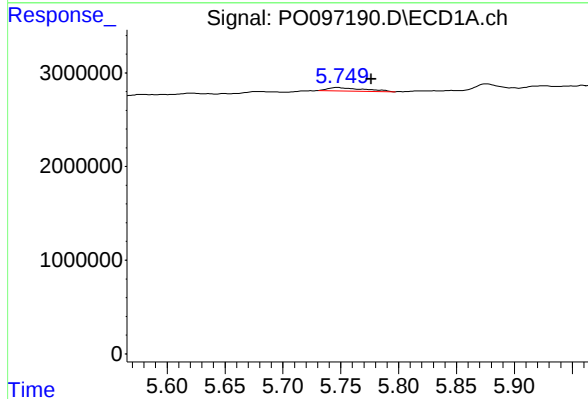
R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 246593
Conc: 4.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



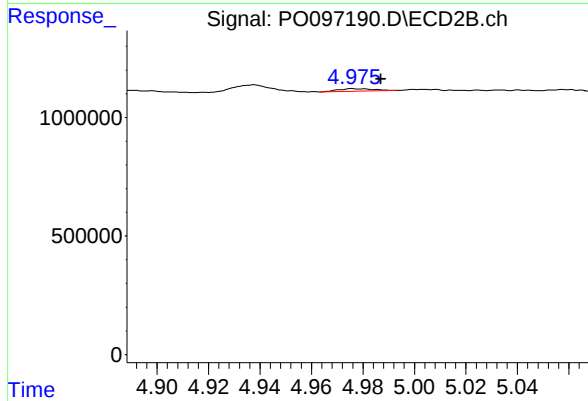
#13 AR-1232-3

R.T.: 4.937 min
Delta R.T.: 0.035 min
Response: 338706
Conc: 22.34 ng/ml



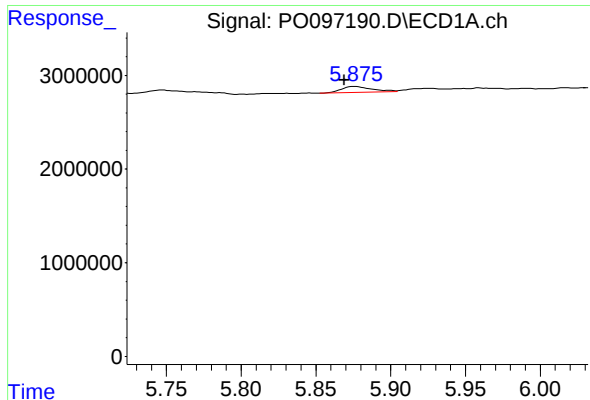
#14 AR-1232-4

R.T.: 5.748 min
Delta R.T.: -0.029 min
Response: 771816
Conc: 25.29 ng/ml



#14 AR-1232-4

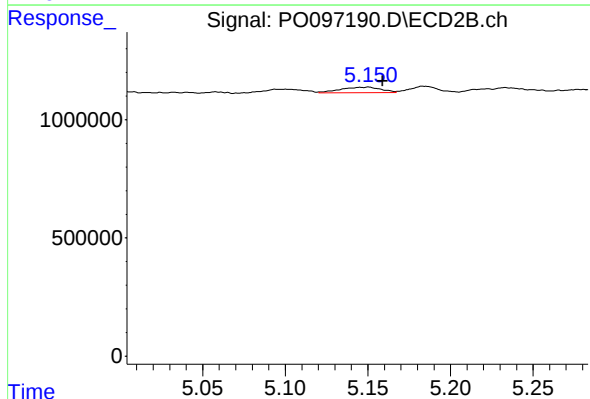
R.T.: 4.976 min
Delta R.T.: -0.011 min
Response: 100430
Conc: 6.72 ng/ml



#15 AR-1232-5

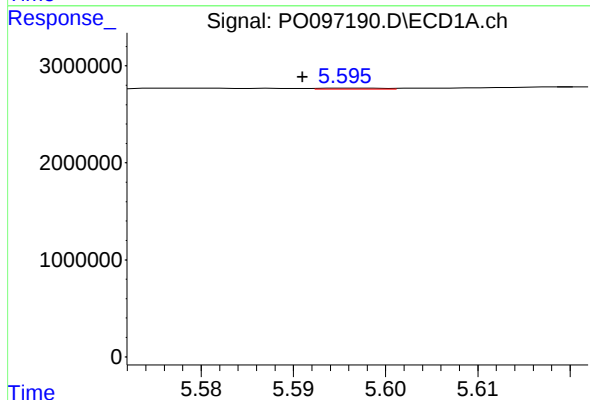
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 917756
Conc: 32.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



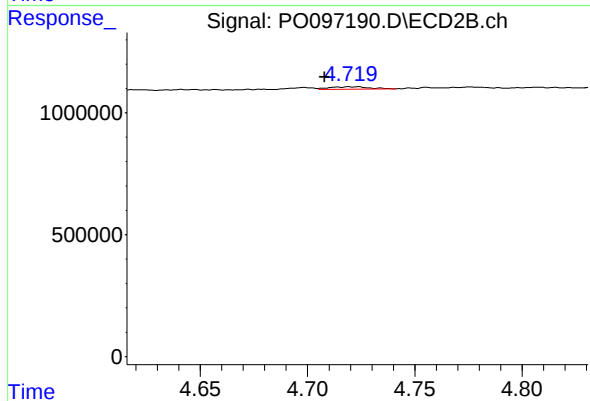
#15 AR-1232-5

R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 400249
Conc: 24.48 ng/ml



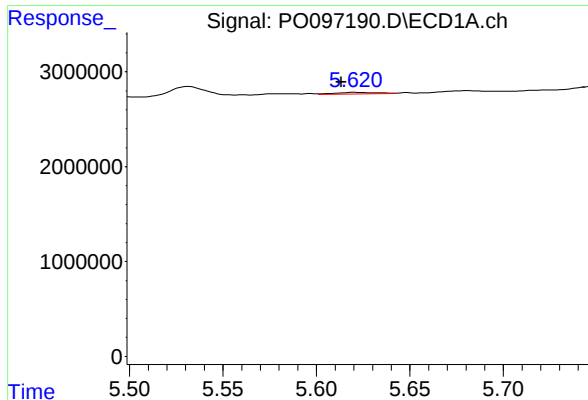
#16 AR-1242-1

R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 49515
Conc: 0.59 ng/ml



#16 AR-1242-1

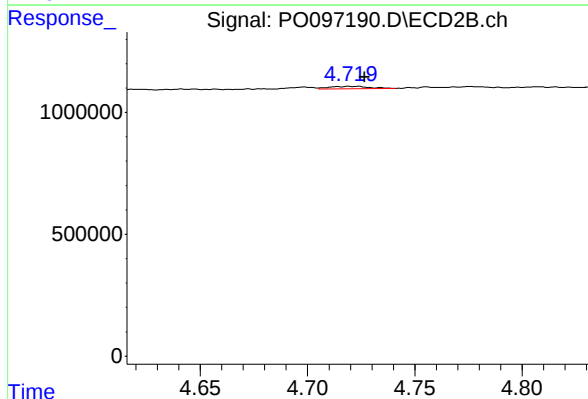
R.T.: 4.723 min
Delta R.T.: 0.015 min
Response: 118680
Conc: 3.01 ng/ml



#17 AR-1242-2

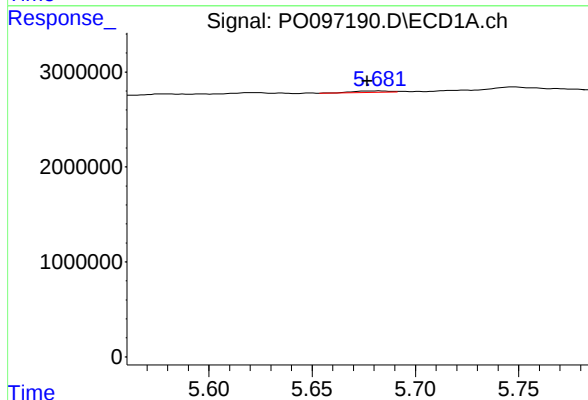
R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 246593
Conc: 2.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



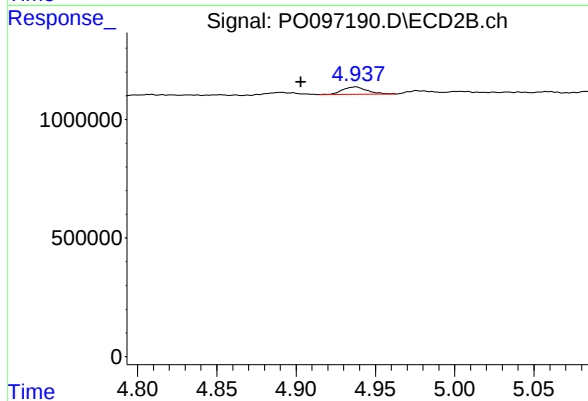
#17 AR-1242-2

R.T.: 4.723 min
Delta R.T.: -0.003 min
Response: 118680
Conc: 2.18 ng/ml



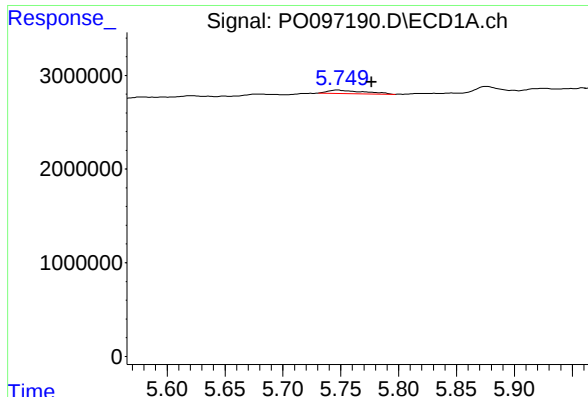
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 180920
Conc: 2.45 ng/ml



#18 AR-1242-3

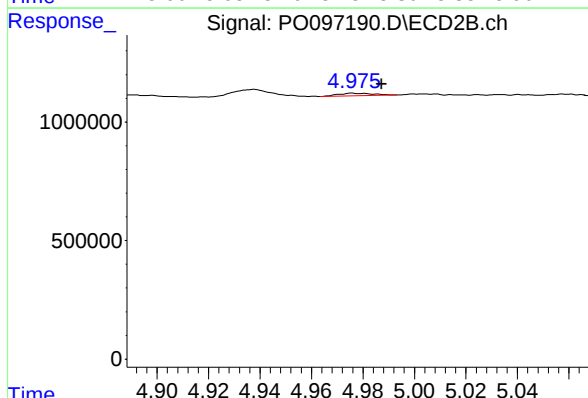
R.T.: 4.937 min
Delta R.T.: 0.034 min
Response: 338706
Conc: 11.45 ng/ml



#19 AR-1242-4

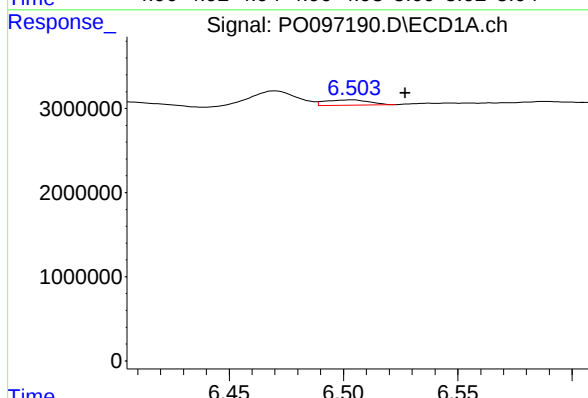
R.T.: 5.748 min
Delta R.T.: -0.029 min
Response: 771816
Conc: 12.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



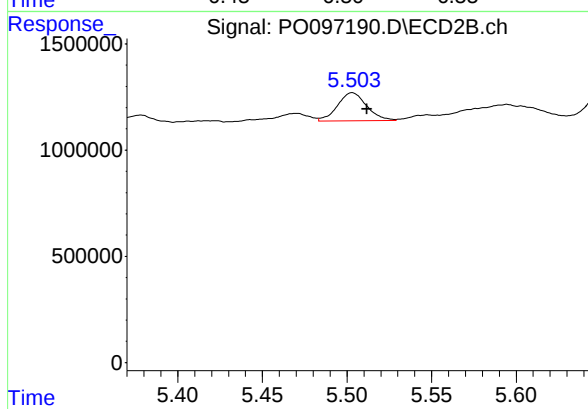
#19 AR-1242-4

R.T.: 4.976 min
Delta R.T.: -0.011 min
Response: 100430
Conc: 3.19 ng/ml



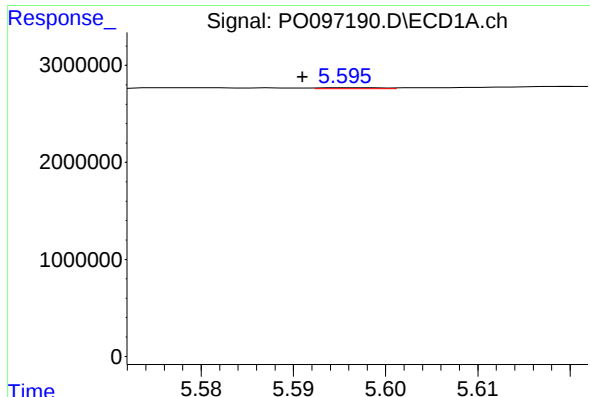
#20 AR-1242-5

R.T.: 6.504 min
Delta R.T.: -0.023 min
Response: 841169
Conc: 15.29 ng/ml



#20 AR-1242-5

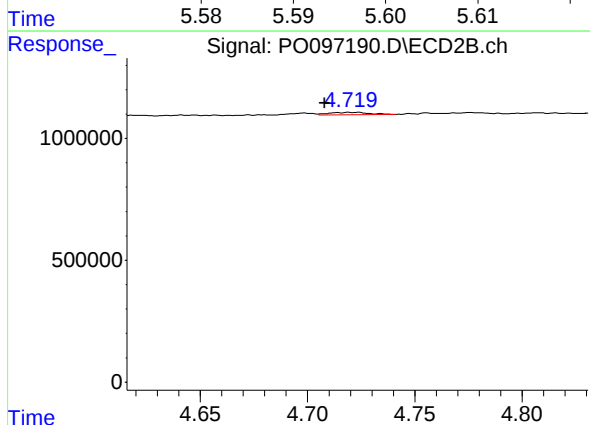
R.T.: 5.503 min
Delta R.T.: -0.009 min
Response: 1588513
Conc: 43.60 ng/ml



#21 AR-1248-1

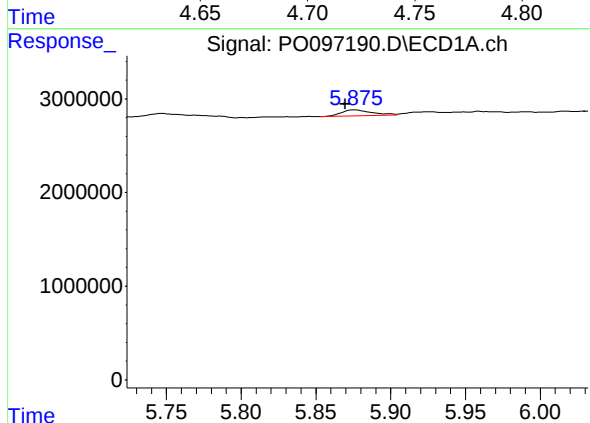
R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 49515
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



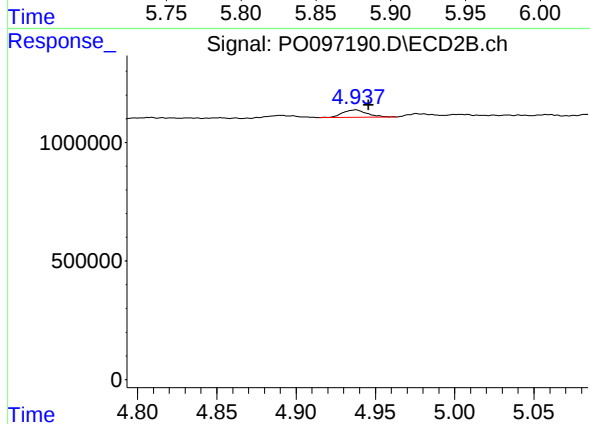
#21 AR-1248-1

R.T.: 4.723 min
Delta R.T.: 0.015 min
Response: 118680
Conc: 4.23 ng/ml



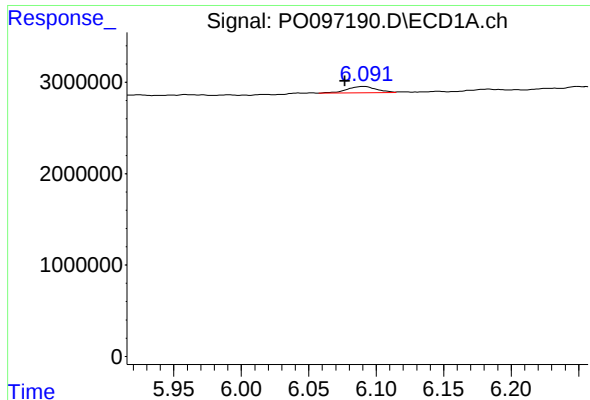
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.006 min
Response: 917756
Conc: 9.76 ng/ml



#22 AR-1248-2

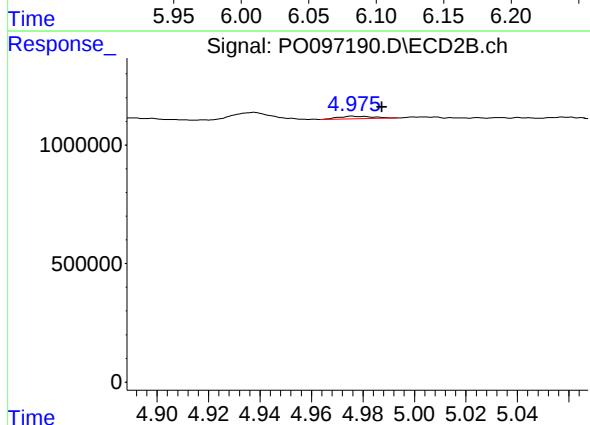
R.T.: 4.937 min
Delta R.T.: -0.008 min
Response: 338706
Conc: 7.99 ng/ml



#23 AR-1248-3

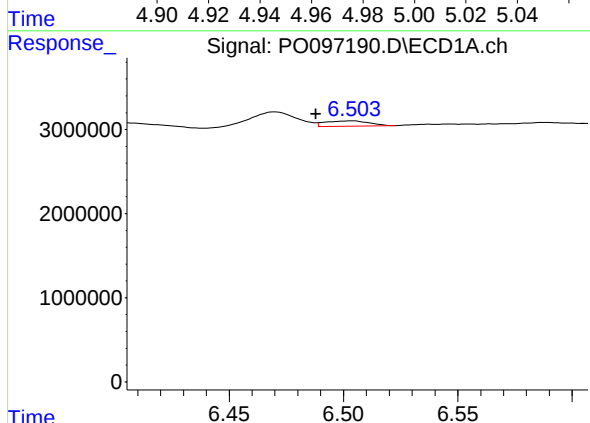
R.T.: 6.091 min
Delta R.T.: 0.014 min
Response: 1040302
Conc: 10.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



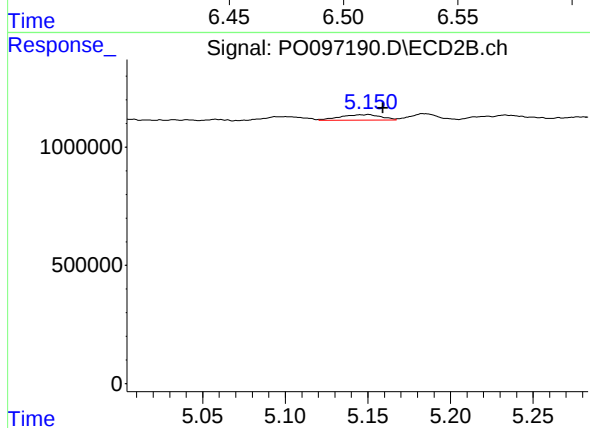
#23 AR-1248-3

R.T.: 4.976 min
Delta R.T.: -0.011 min
Response: 100430
Conc: 2.29 ng/ml



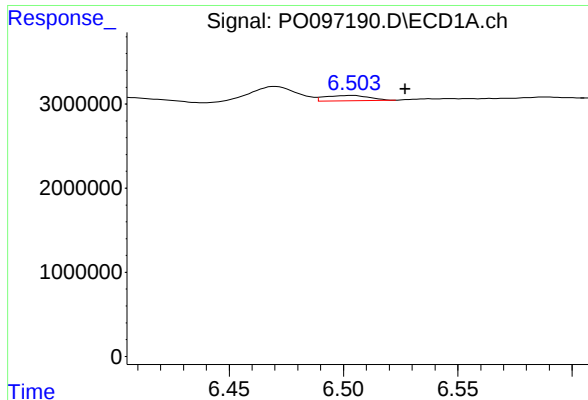
#24 AR-1248-4

R.T.: 6.504 min
Delta R.T.: 0.016 min
Response: 841169
Conc: 9.26 ng/ml



#24 AR-1248-4

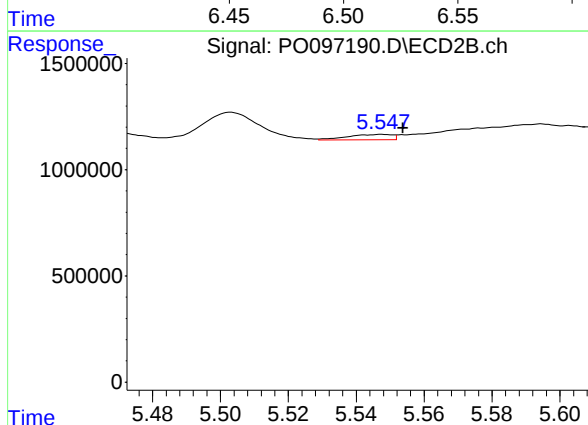
R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 400249
Conc: 7.84 ng/ml



#25 AR-1248-5

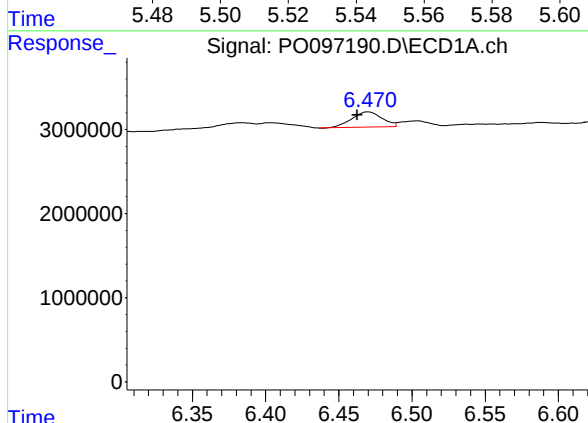
R.T.: 6.504 min
Delta R.T.: -0.023 min
Response: 841169
Conc: 9.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



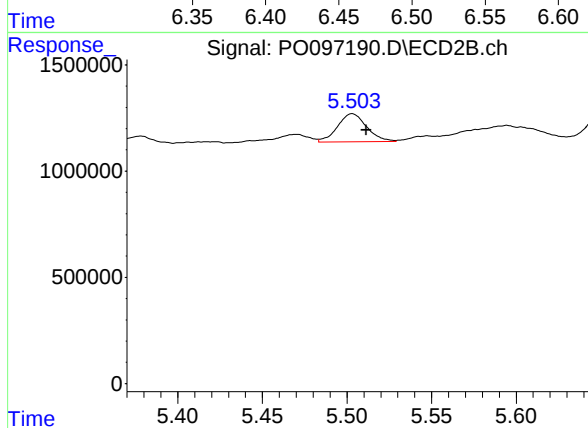
#25 AR-1248-5

R.T.: 5.547 min
Delta R.T.: -0.006 min
Response: 227488
Conc: 4.87 ng/ml



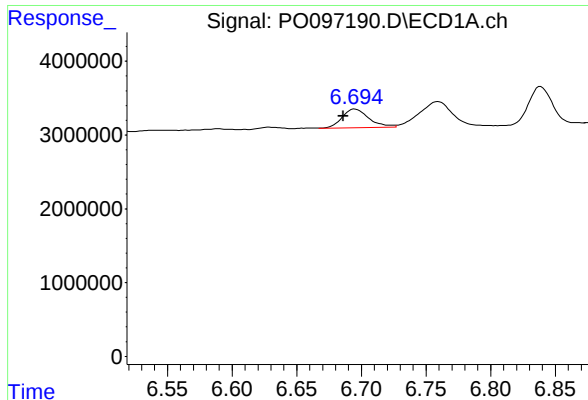
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.008 min
Response: 2573105
Conc: 23.54 ng/ml



#26 AR-1254-1

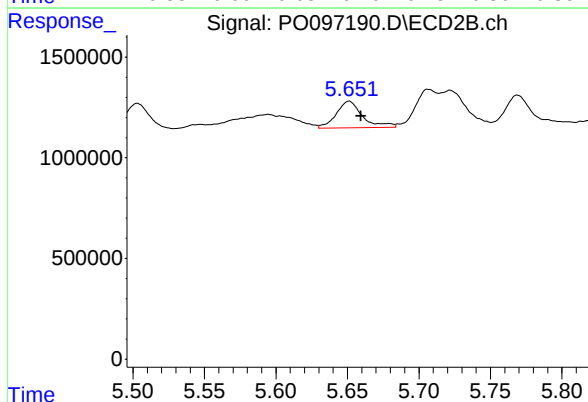
R.T.: 5.503 min
Delta R.T.: -0.008 min
Response: 1588513
Conc: 21.53 ng/ml



#27 AR-1254-2

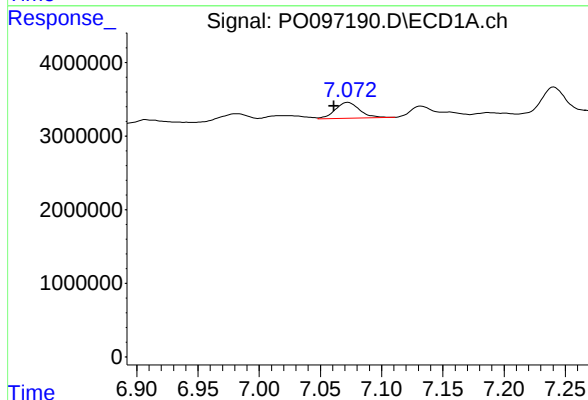
R.T.: 6.695 min
Delta R.T.: 0.009 min
Response: 3656724
Conc: 22.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



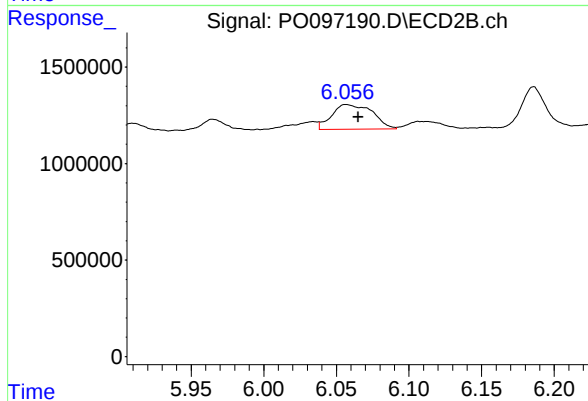
#27 AR-1254-2

R.T.: 5.651 min
Delta R.T.: -0.008 min
Response: 1704989
Conc: 25.88 ng/ml



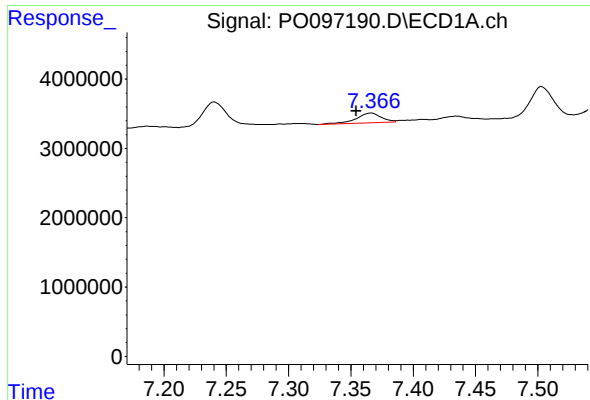
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.011 min
Response: 3012936
Conc: 19.23 ng/ml



#28 AR-1254-3

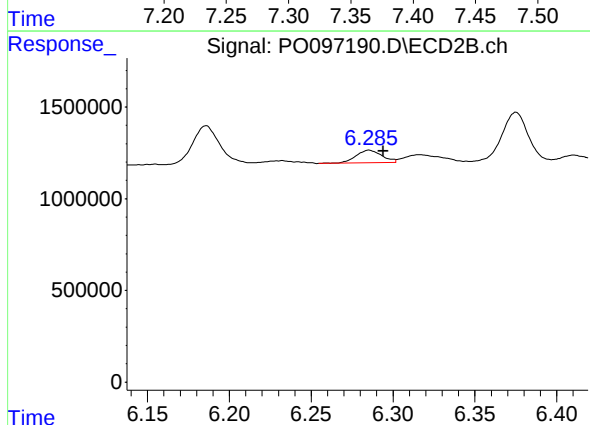
R.T.: 6.057 min
Delta R.T.: -0.008 min
Response: 2500549
Conc: 24.74 ng/ml



#29 AR-1254-4

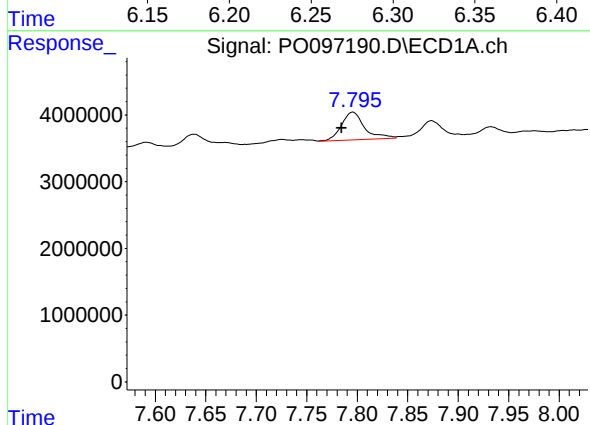
R.T.: 7.367 min
Delta R.T.: 0.012 min
Response: 1973870
Conc: 19.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



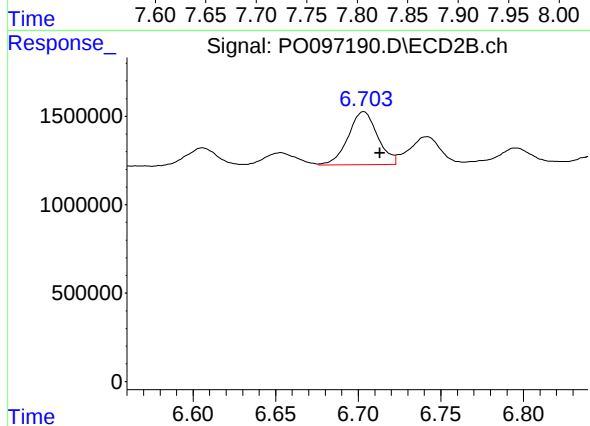
#29 AR-1254-4

R.T.: 6.285 min
Delta R.T.: -0.009 min
Response: 749585
Conc: 12.95 ng/ml



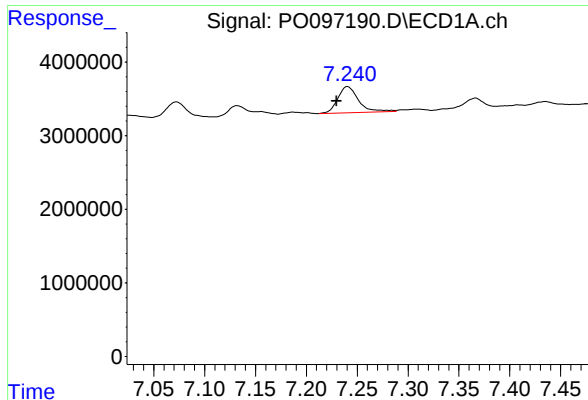
#30 AR-1254-5

R.T.: 7.796 min
Delta R.T.: 0.011 min
Response: 6685484
Conc: 59.58 ng/ml



#30 AR-1254-5

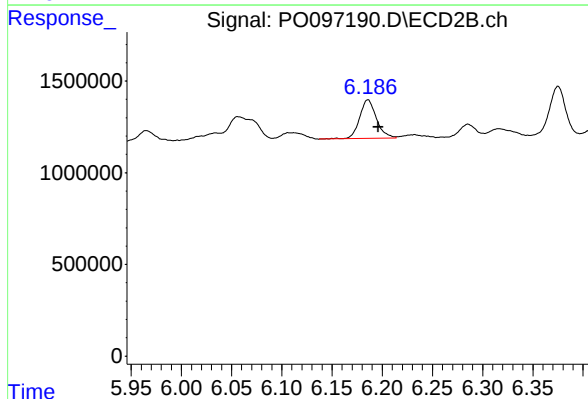
R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 3702368
Conc: 42.11 ng/ml



#31 AR-1260-1

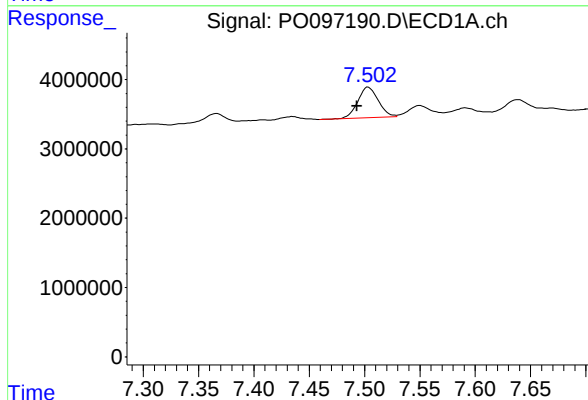
R.T.: 7.241 min
Delta R.T.: 0.011 min
Response: 5110267
Conc: 40.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



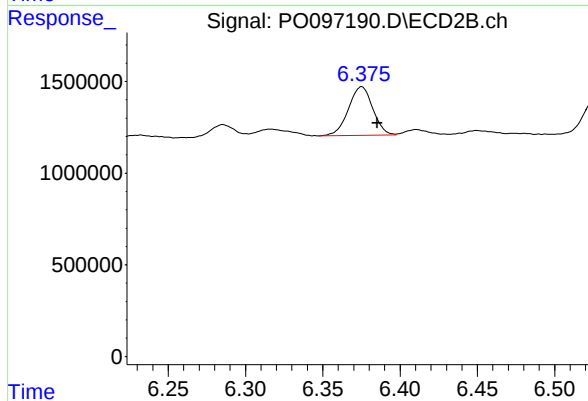
#31 AR-1260-1

R.T.: 6.186 min
Delta R.T.: -0.010 min
Response: 2448626
Conc: 34.80 ng/ml



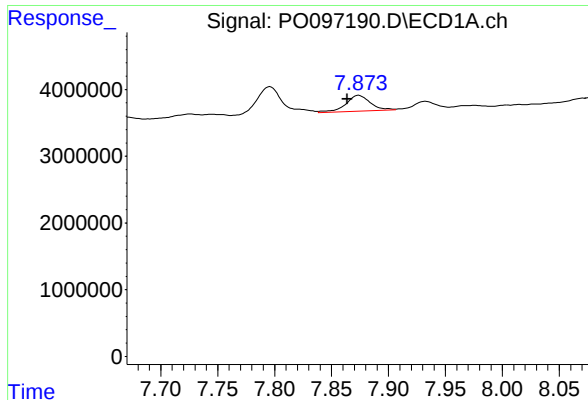
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.010 min
Response: 5675089
Conc: 42.12 ng/ml



#32 AR-1260-2

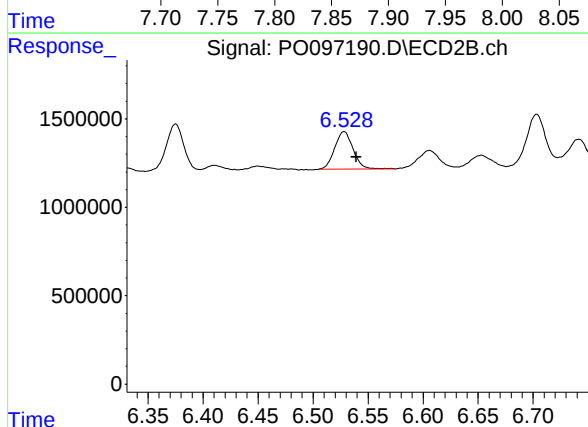
R.T.: 6.375 min
Delta R.T.: -0.010 min
Response: 2909895
Conc: 34.86 ng/ml



#33 AR-1260-3

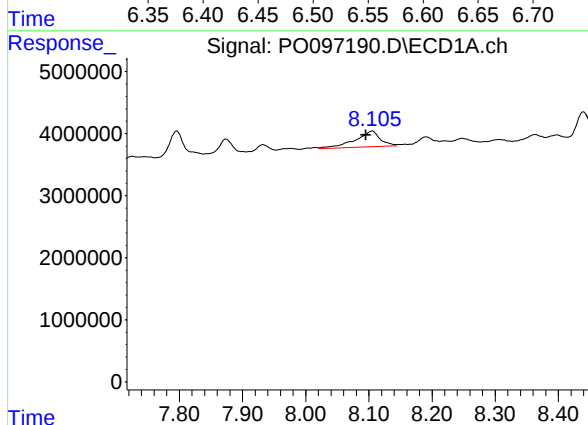
R.T.: 7.874 min
Delta R.T.: 0.010 min
Response: 3622942
Conc: 34.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



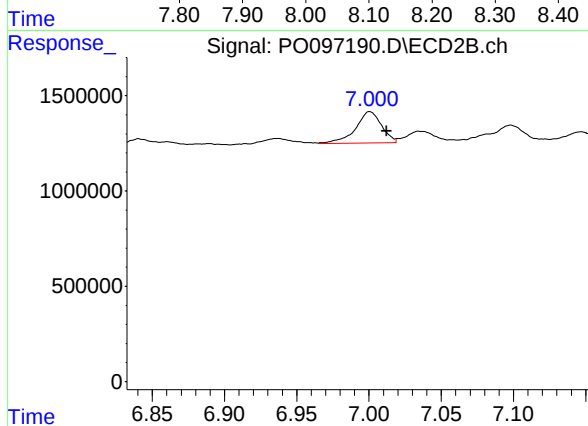
#33 AR-1260-3

R.T.: 6.528 min
Delta R.T.: -0.011 min
Response: 2458135
Conc: 31.83 ng/ml



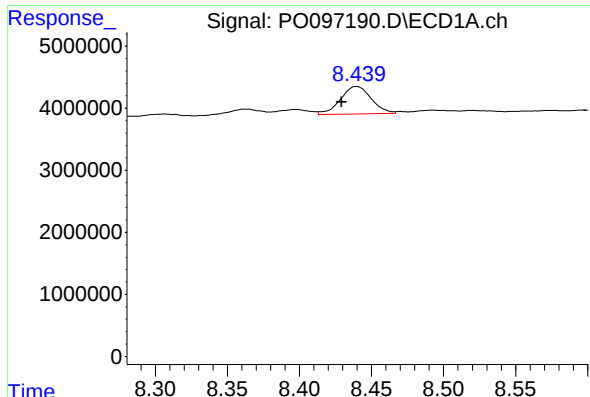
#34 AR-1260-4

R.T.: 8.105 min
Delta R.T.: 0.010 min
Response: 7021978
Conc: 62.81 ng/ml



#34 AR-1260-4

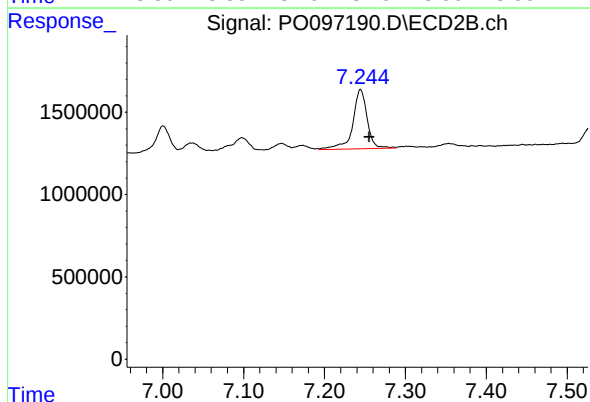
R.T.: 7.001 min
Delta R.T.: -0.011 min
Response: 2043836
Conc: 31.89 ng/ml



#35 AR-1260-5

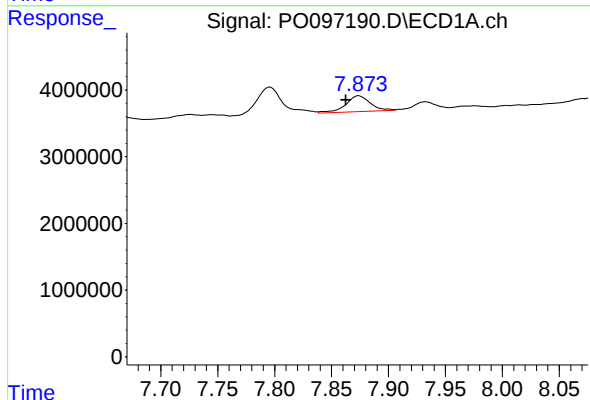
R.T.: 8.440 min
Delta R.T.: 0.010 min
Response: 6649090
Conc: 31.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



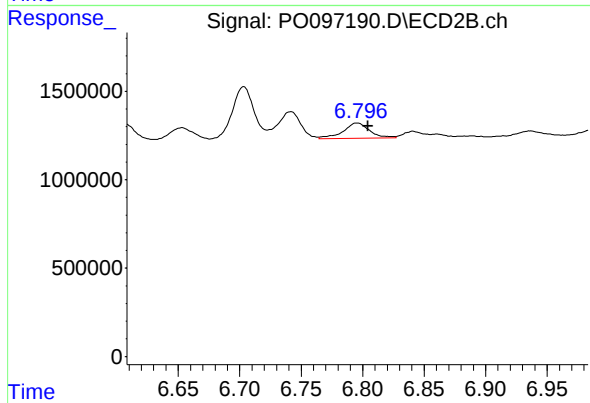
#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.011 min
Response: 4491569
Conc: 32.40 ng/ml



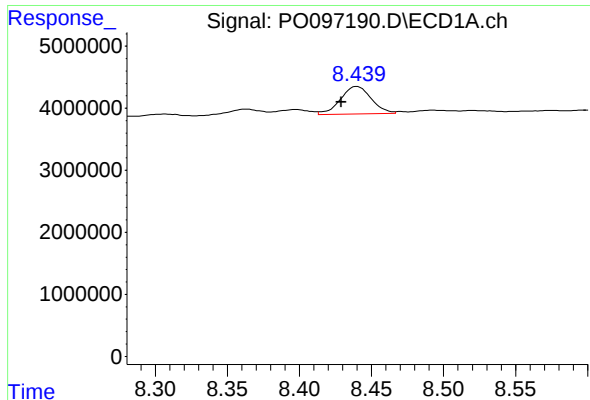
#36 AR-1262-1

R.T.: 7.874 min
Delta R.T.: 0.011 min
Response: 3622942
Conc: 24.39 ng/ml



#36 AR-1262-1

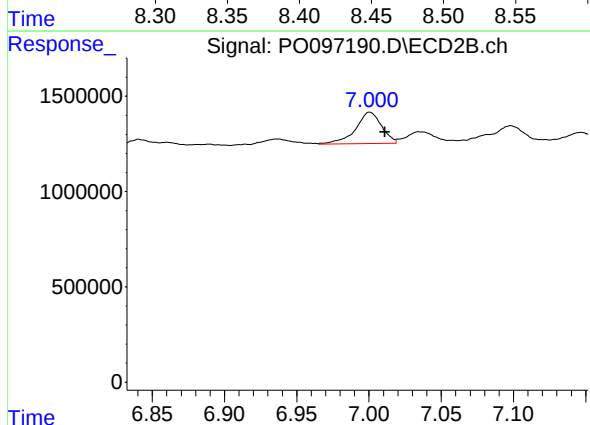
R.T.: 6.796 min
Delta R.T.: -0.009 min
Response: 1306142
Conc: 33.18 ng/ml



#37 AR-1262-2

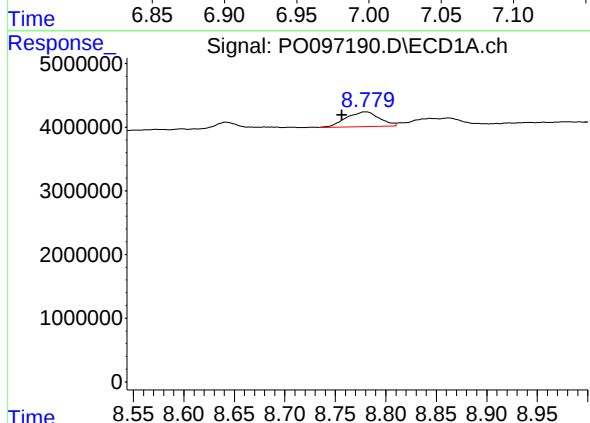
R.T.: 8.440 min
Delta R.T.: 0.011 min
Response: 6649090
Conc: 28.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



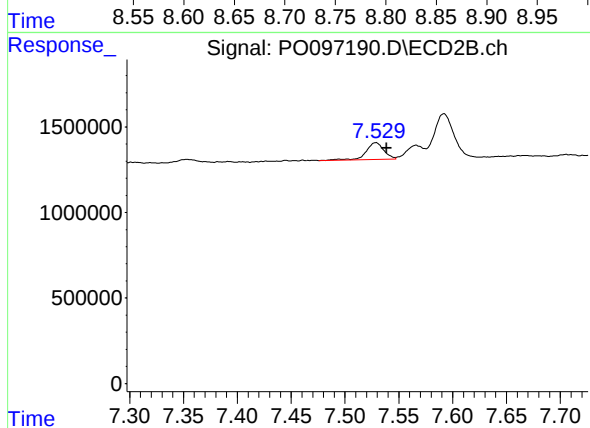
#37 AR-1262-2

R.T.: 7.001 min
Delta R.T.: -0.010 min
Response: 2043836
Conc: 25.20 ng/ml



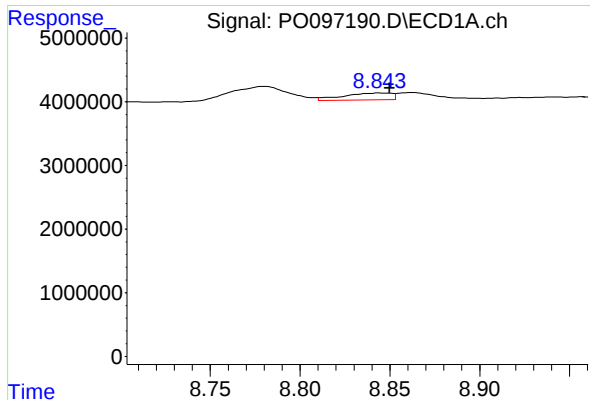
#38 AR-1262-3

R.T.: 8.780 min
Delta R.T.: 0.024 min
Response: 5210210
Conc: 31.24 ng/ml



#38 AR-1262-3

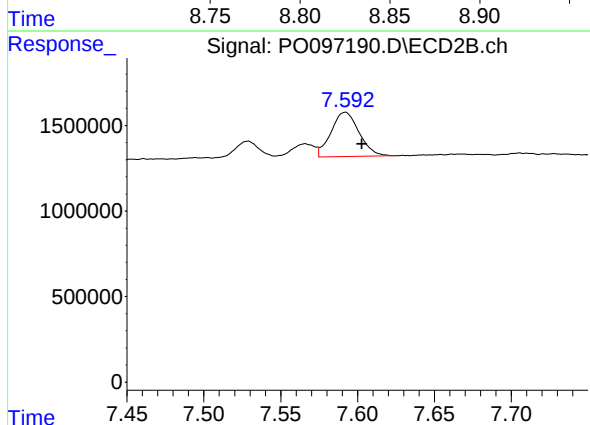
R.T.: 7.529 min
Delta R.T.: -0.010 min
Response: 1114792
Conc: 17.37 ng/ml



#39 AR-1262-4

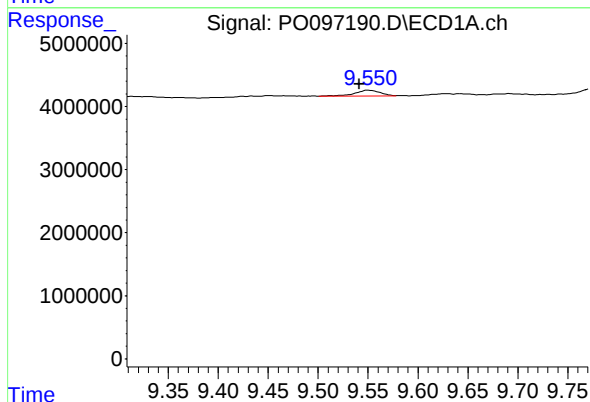
R.T.: 8.844 min
Delta R.T.: -0.006 min
Response: 1973429
Conc: 27.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



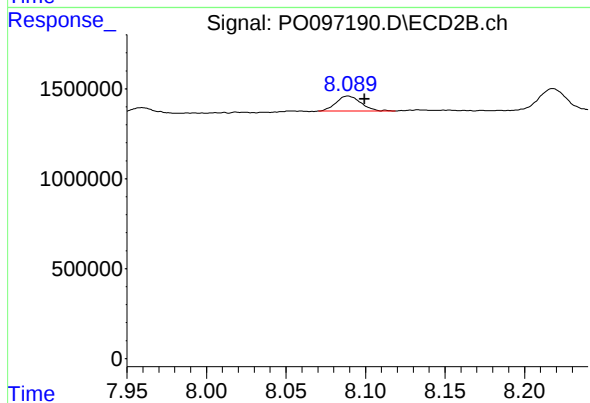
#39 AR-1262-4

R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 3242920
Conc: 28.55 ng/ml



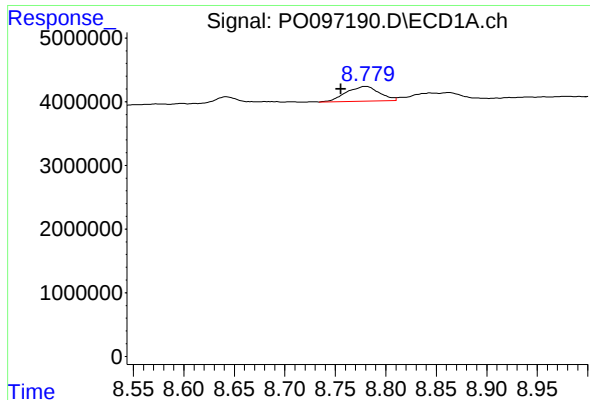
#40 AR-1262-5

R.T.: 9.550 min
Delta R.T.: 0.009 min
Response: 1699563
Conc: 20.41 ng/ml



#40 AR-1262-5

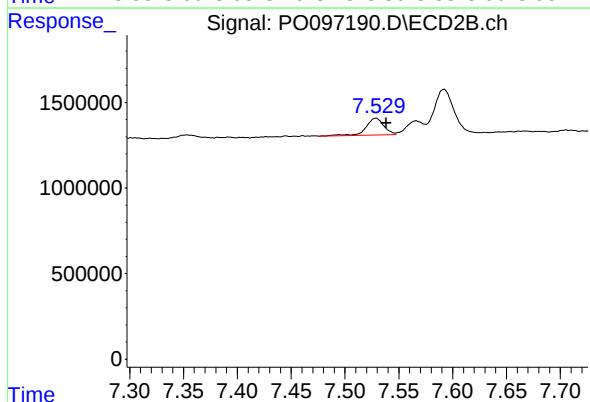
R.T.: 8.089 min
Delta R.T.: -0.010 min
Response: 920888
Conc: 17.53 ng/ml



#41 AR-1268-1

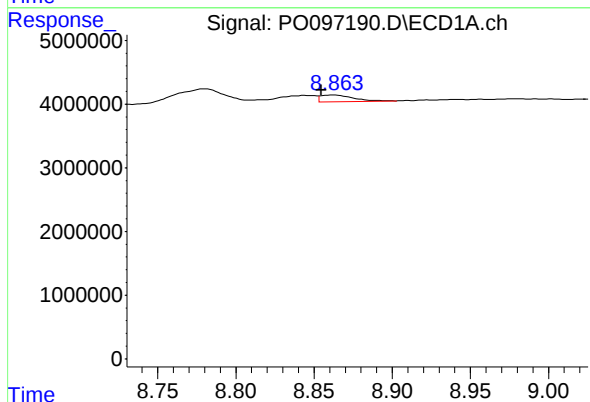
R.T.: 8.780 min
Delta R.T.: 0.025 min
Response: 5210210
Conc: 16.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



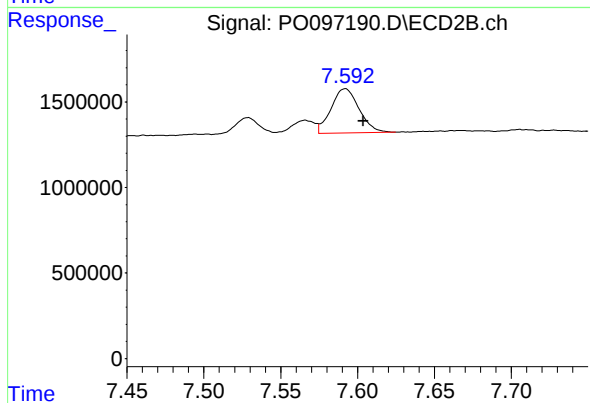
#41 AR-1268-1

R.T.: 7.529 min
Delta R.T.: -0.010 min
Response: 1114792
Conc: 6.02 ng/ml



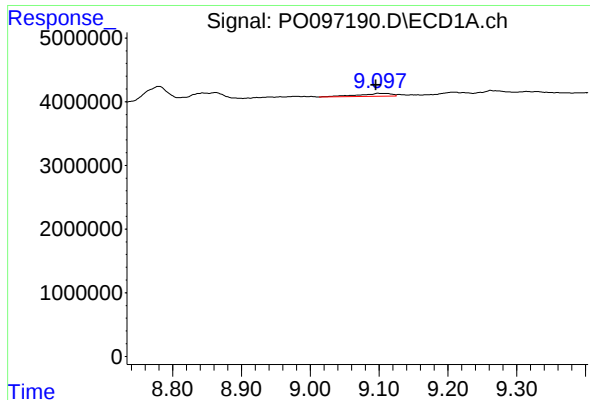
#42 AR-1268-2

R.T.: 8.863 min
Delta R.T.: 0.008 min
Response: 1532581
Conc: 5.59 ng/ml



#42 AR-1268-2

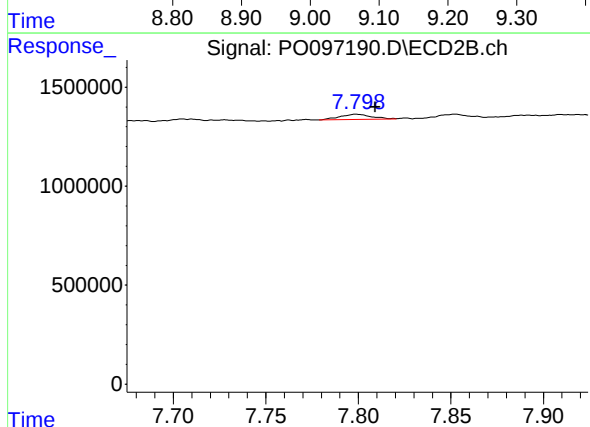
R.T.: 7.592 min
Delta R.T.: -0.012 min
Response: 3242920
Conc: 19.34 ng/ml



#43 AR-1268-3

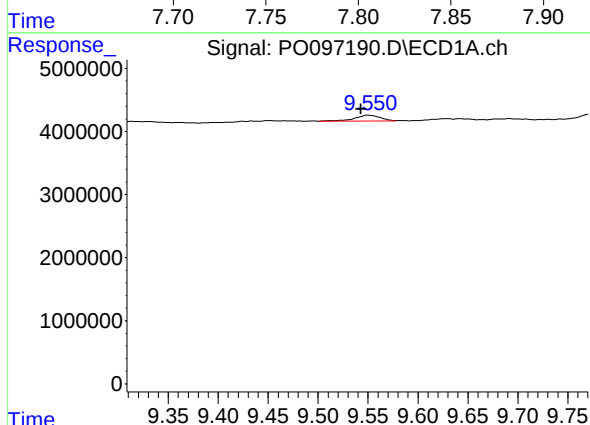
R.T.: 9.098 min
Delta R.T.: 0.003 min
Response: 1535970
Conc: 6.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



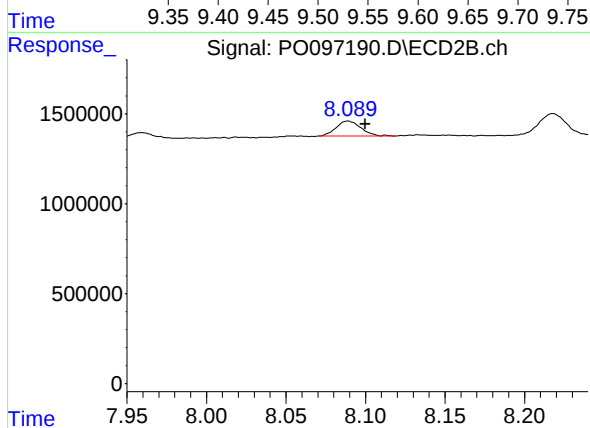
#43 AR-1268-3

R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 310047
Conc: 2.15 ng/ml



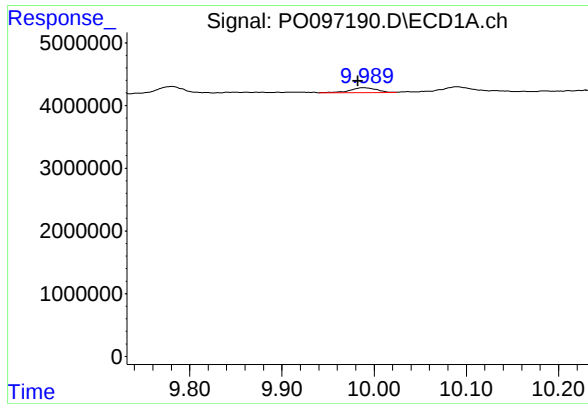
#44 AR-1268-4

R.T.: 9.550 min
Delta R.T.: 0.007 min
Response: 1699563
Conc: 18.33 ng/ml



#44 AR-1268-4

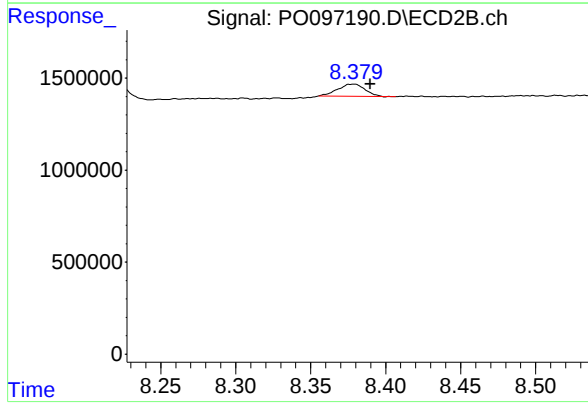
R.T.: 8.089 min
Delta R.T.: -0.011 min
Response: 920888
Conc: 15.46 ng/ml



#45 AR-1268-5

R.T.: 9.990 min
Delta R.T.: 0.007 min
Response: 1540352
Conc: 1.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.011 min
Response: 824586
Conc: 1.98 ng/ml