

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090723\
 Data File : P0097794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2023 18:58
 Operator : YP/AJ
 Sample : 04299-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 01:58:13 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...	4.443	3.623	44163227	11083888	11.085	11.574
2) SA Decachlor...	10.293	8.661	29936507	13889594	16.022	16.257
Target Compounds						
3) L1 AR-1016-1	5.625	4.728	1815240	636254	16.811	19.782
4) L1 AR-1016-2	5.646	4.728	2147586	636254	13.271	14.007
5) L1 AR-1016-3	5.671f	4.902	1851829	315577	18.598	12.962 #
6) L1 AR-1016-4	5.811	4.957	-859796	1004202	N.D.	47.799 #
7) L1 AR-1016-5	6.095	5.155	342662	1040432	4.174	37.436 #
8) L2 AR-1221-1	4.639	3.847	1450038	382659	30.435	31.690
9) L2 AR-1221-2	4.749	3.923	856789	432561	24.113	50.710 #
10) L2 AR-1221-3	4.833	4.000	1093076	98221	10.551	3.665 #
11) L3 AR-1232-1	4.833	4.000	1093076	98221	12.730	4.453 #
12) L3 AR-1232-2	5.365	4.728	2397720	636254	54.871	31.012 #
13) L3 AR-1232-3	5.646	4.902	2147586	315577	29.632	29.024
14) L3 AR-1232-4	5.811	5.015	-859796	2221527	N.D.	204.614 #
15) L3 AR-1232-5	5.902	5.155	4876127	1040432	156.091	85.820 #
16) L4 AR-1242-1	5.625	4.728	1815240	636254	19.489	22.672
17) L4 AR-1242-2	5.646	4.728	2147586	636254	15.307	16.031
18) L4 AR-1242-3	5.671f	4.902	1851829	315577	21.397	14.934 #
19) L4 AR-1242-4	5.811	5.015	-859796	2221527	N.D.	96.931 #
20) L4 AR-1242-5	6.565	5.530	5860496	2577812	83.284	98.952
21) L5 AR-1248-1	5.625	4.728	1815240	636254	26.752	30.973
22) L5 AR-1248-2	5.902	4.957	4876127	1004202	45.090	32.960 #
23) L5 AR-1248-3	6.095	5.015	342662	2221527	3.053	69.756 #
24) L5 AR-1248-4	6.520	5.155	3106314	1040432	30.048	27.802
25) L5 AR-1248-5	6.565	5.572	5860496	2686804	52.573	80.631 #
26) L6 AR-1254-1	6.477	5.530	2802561	2577812	22.860	47.419 #
27) L6 AR-1254-2	6.706	5.669	22648309	2619039	126.256	54.388 #
28) L6 AR-1254-3	7.084	6.076	12867313	3689720	72.661	49.941 #
29) L6 AR-1254-4	7.332	6.297	13662272	2234819	126.928	56.389 #
30) L6 AR-1254-5	7.805	6.723	12870956	5589334	107.050	90.750
31) L7 AR-1260-1	7.238	6.211	8072171	6608917	57.120	124.217 #
32) L7 AR-1260-2	7.497	6.377	8704098	6768921	57.584	108.097 #
33) L7 AR-1260-3	7.863	6.551	2568615	1498916	22.675	25.994
34) L7 AR-1260-4	8.101	7.023	17710218	1324816	148.982	28.241 #
35) L7 AR-1260-5	8.418	7.265	2419125	1962493	11.817	19.798 #
36) L8 AR-1262-1	7.863	6.818	2568615	818860	16.894	30.220 #
37) L8 AR-1262-2	8.418	7.023	2419125	1324816	11.083	22.733 #
38) L8 AR-1262-3	8.737	7.550	2844254	1146277	18.384	26.278 #
39) L8 AR-1262-4	8.828	7.622	8460330	4665779	100.704	61.322 #
40) L8 AR-1262-5	9.510	8.109	678748	719266	9.418	22.925 #
41) L9 AR-1268-1	8.737	7.550	2844254	1146277	10.022	8.707

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 QLast Update : Thu Sep 07 02:56:18 2023
 Response via : Initial Calibration
 Integrator: ChemStation

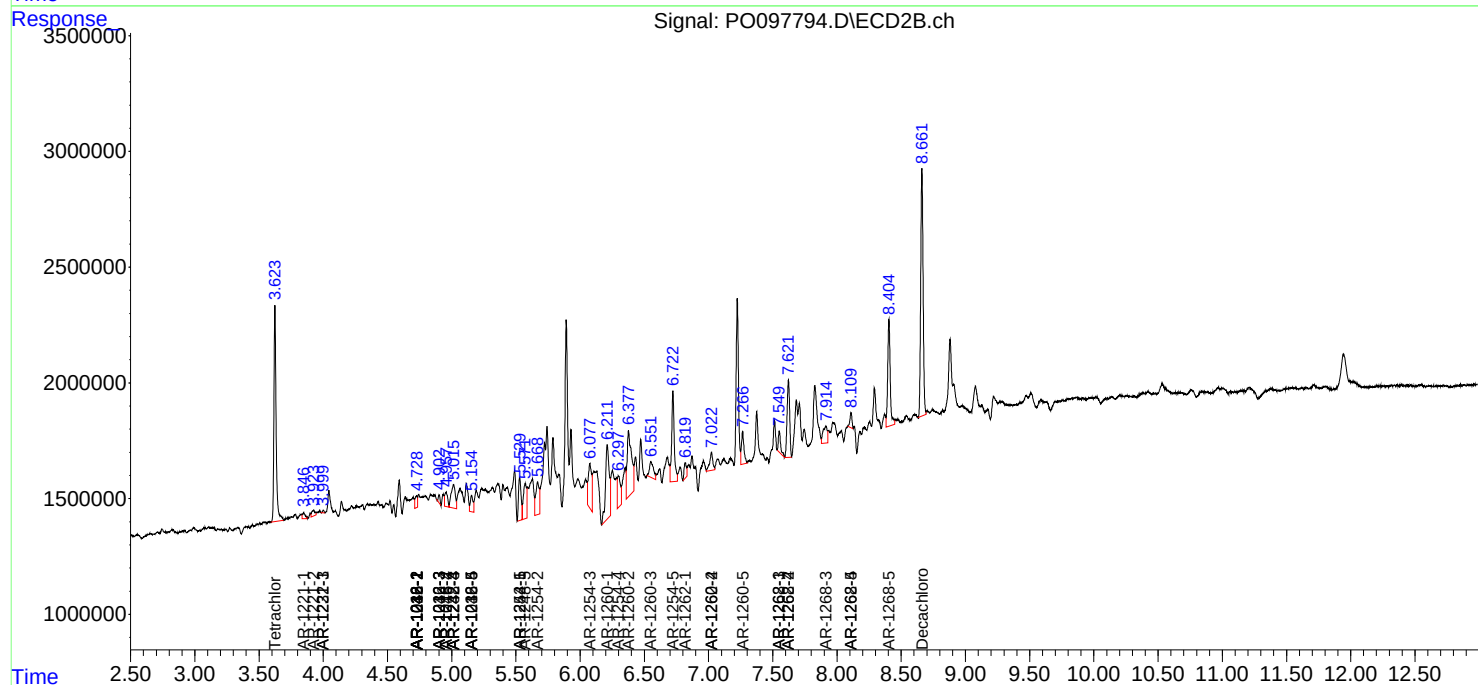
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

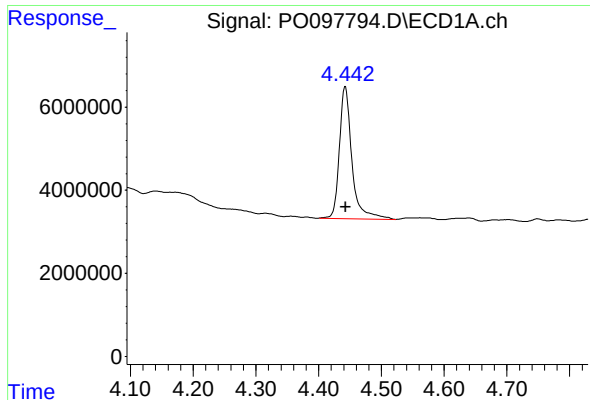
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.828	7.622	8460330	4665779	33.123	40.483
43) L9	AR-1268-3	9.072	7.914	5396298	1719837	24.148	62.212 #
44) L9	AR-1268-4	9.510	8.109	678748	719266	8.306	20.419 #
45) L9	AR-1268-5	9.941	8.404	12607186	6289567	19.006	20.061

(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

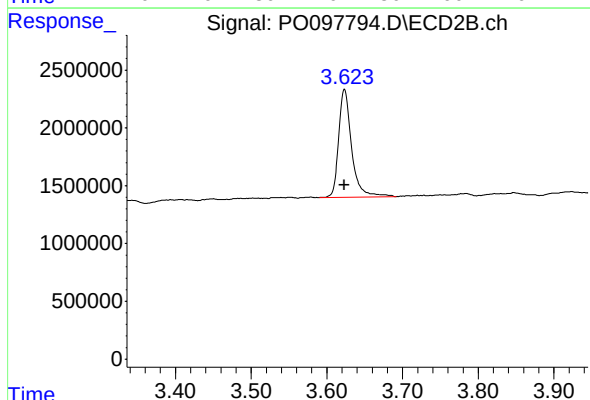




#1 Tetrachloro-m-xylene

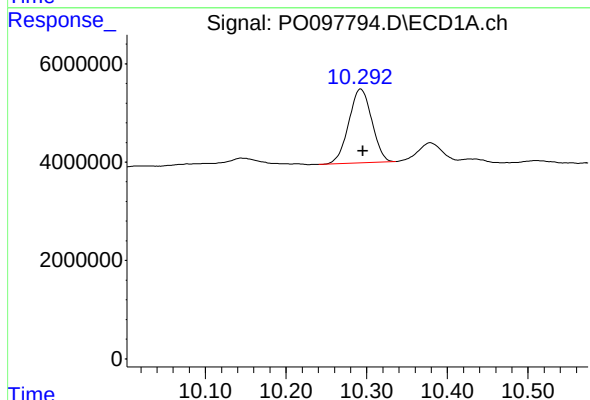
R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 44163227
Conc: 11.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



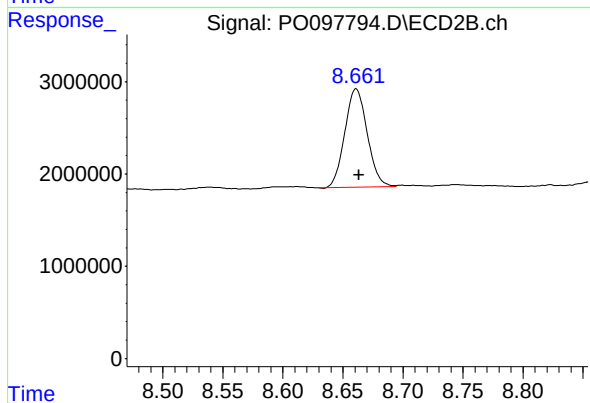
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 11083888
Conc: 11.57 ng/ml



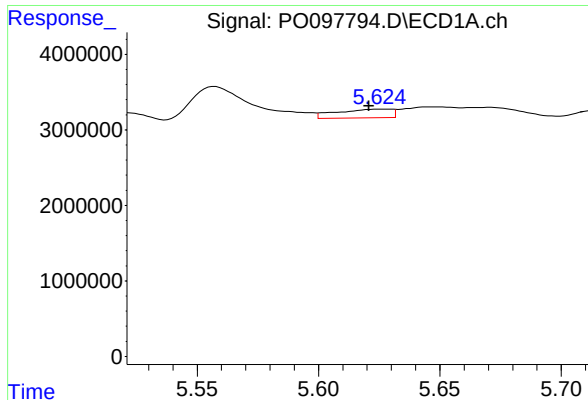
#2 Decachlorobiphenyl

R.T.: 10.293 min
Delta R.T.: -0.002 min
Response: 29936507
Conc: 16.02 ng/ml



#2 Decachlorobiphenyl

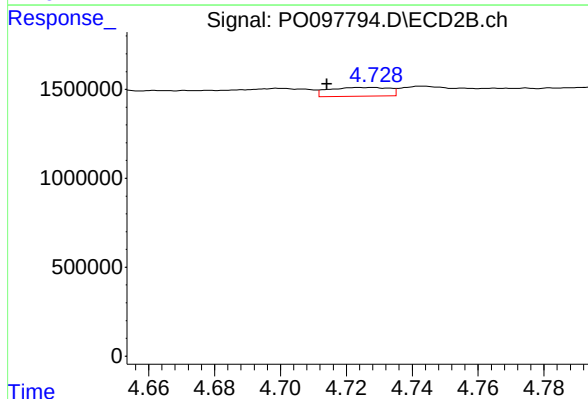
R.T.: 8.661 min
Delta R.T.: -0.002 min
Response: 13889594
Conc: 16.26 ng/ml



#3 AR-1016-1

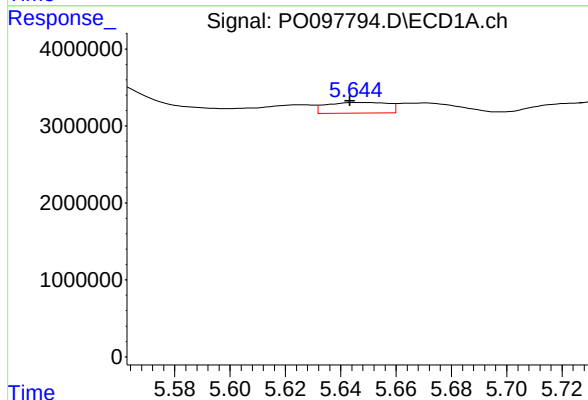
R.T.: 5.625 min
Delta R.T.: 0.004 min
Response: 1815240
Conc: 16.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



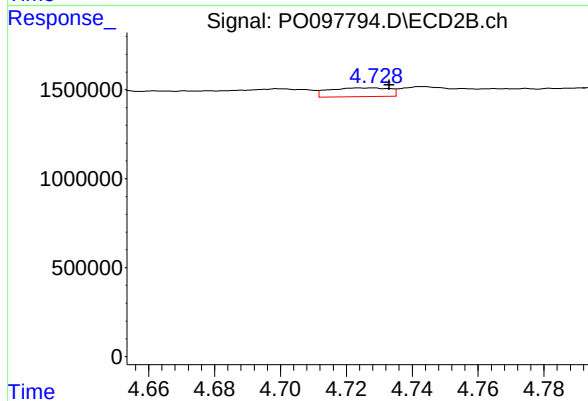
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.013 min
Response: 636254
Conc: 19.78 ng/ml



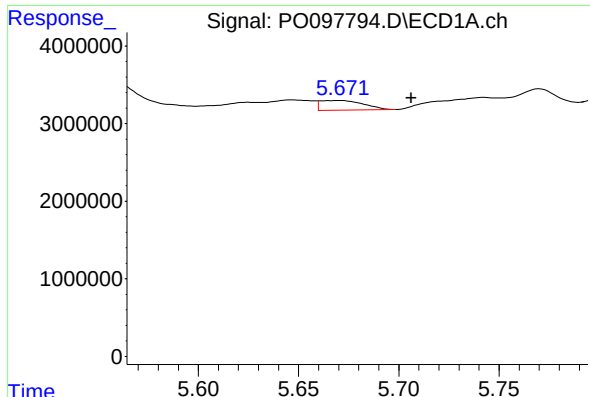
#4 AR-1016-2

R.T.: 5.646 min
Delta R.T.: 0.003 min
Response: 2147586
Conc: 13.27 ng/ml



#4 AR-1016-2

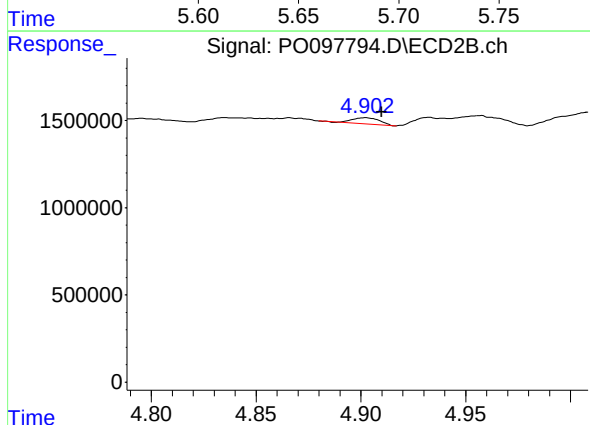
R.T.: 4.728 min
Delta R.T.: -0.005 min
Response: 636254
Conc: 14.01 ng/ml



#5 AR-1016-3

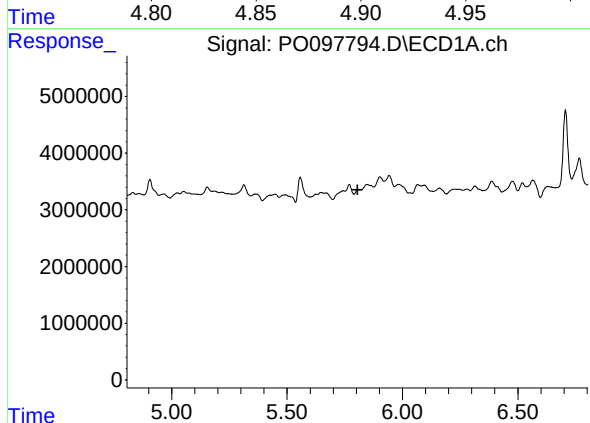
R.T.: 5.671 min
Delta R.T.: -0.035 min
Response: 1851829
Conc: 18.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



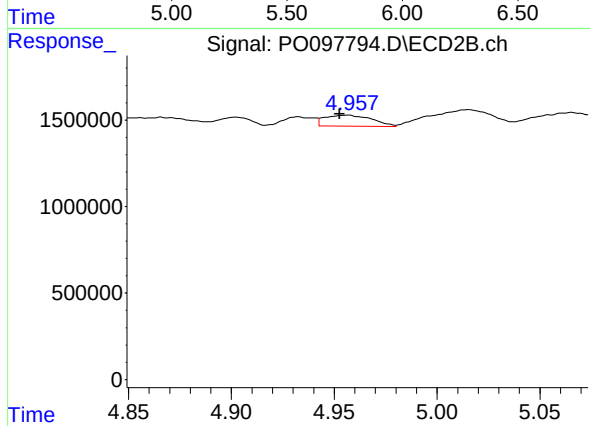
#5 AR-1016-3

R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 315577
Conc: 12.96 ng/ml



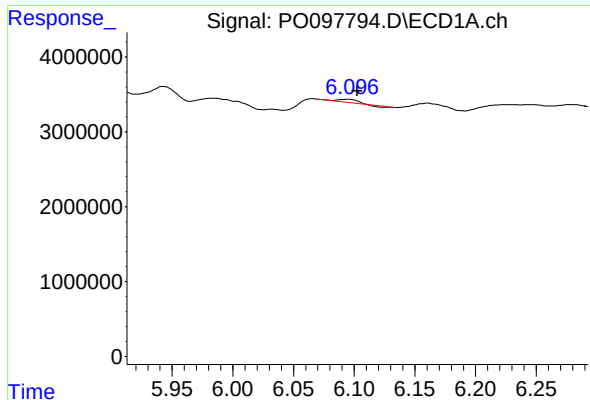
#6 AR-1016-4

R.T.: 5.811 min
Delta R.T.: 0.006 min
Response: -859796
Conc: N.D.



#6 AR-1016-4

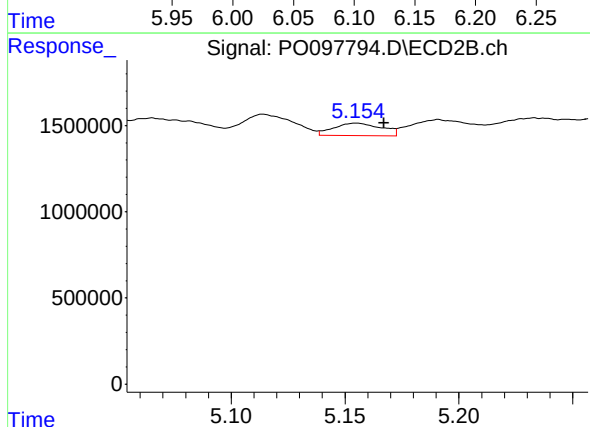
R.T.: 4.957 min
Delta R.T.: 0.004 min
Response: 1004202
Conc: 47.80 ng/ml



#7 AR-1016-5

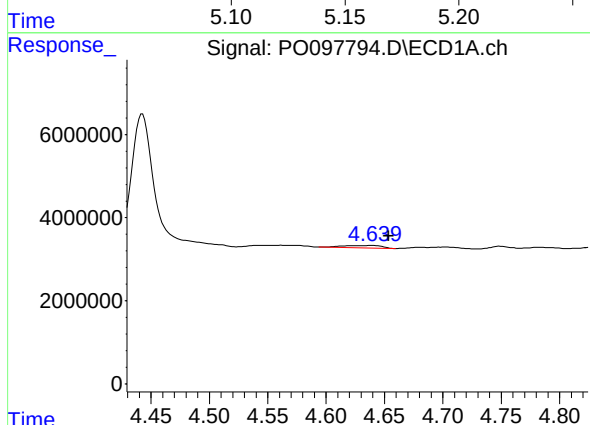
R.T.: 6.095 min
Delta R.T.: -0.007 min
Response: 342662
Conc: 4.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



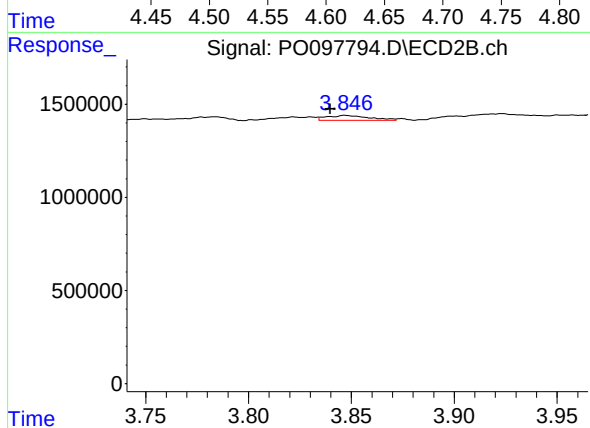
#7 AR-1016-5

R.T.: 5.155 min
Delta R.T.: -0.012 min
Response: 1040432
Conc: 37.44 ng/ml



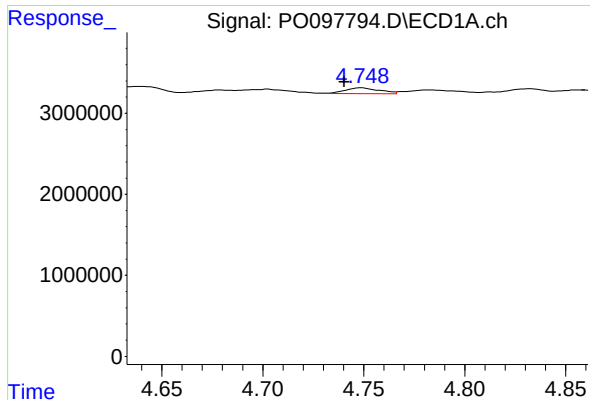
#8 AR-1221-1

R.T.: 4.639 min
Delta R.T.: -0.015 min
Response: 1450038
Conc: 30.44 ng/ml



#8 AR-1221-1

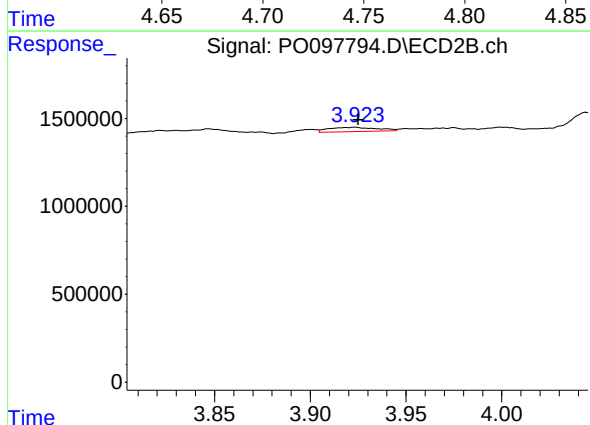
R.T.: 3.847 min
Delta R.T.: 0.007 min
Response: 382659
Conc: 31.69 ng/ml



#9 AR-1221-2

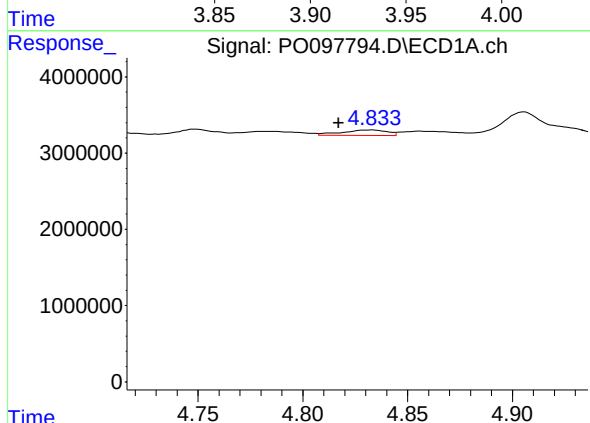
R.T.: 4.749 min
Delta R.T.: 0.008 min
Response: 856789
Conc: 24.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



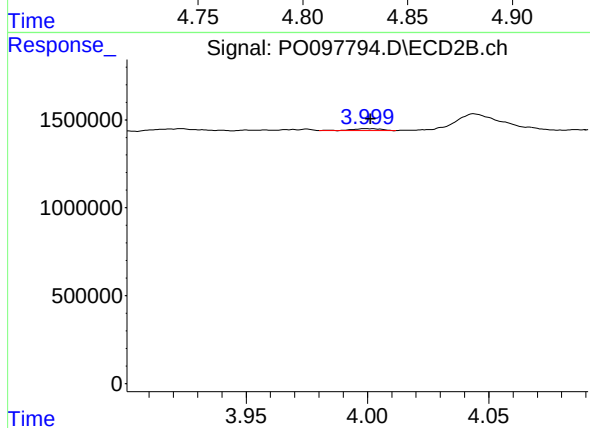
#9 AR-1221-2

R.T.: 3.923 min
Delta R.T.: -0.002 min
Response: 432561
Conc: 50.71 ng/ml



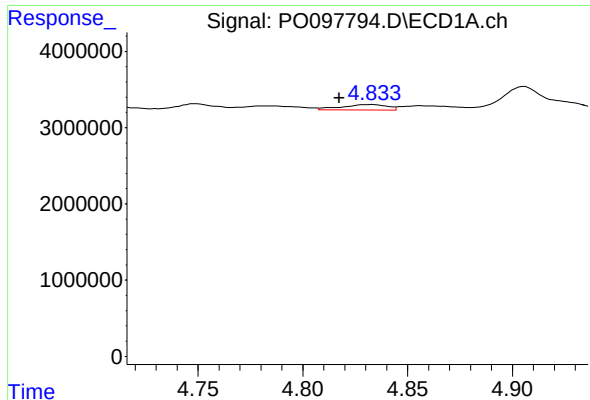
#10 AR-1221-3

R.T.: 4.833 min
Delta R.T.: 0.016 min
Response: 1093076
Conc: 10.55 ng/ml



#10 AR-1221-3

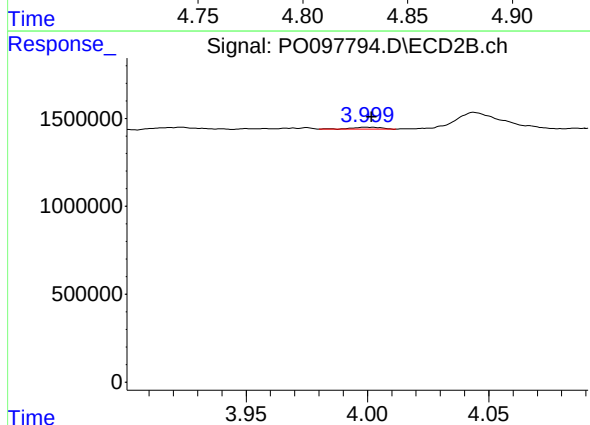
R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 98221
Conc: 3.67 ng/ml



#11 AR-1232-1

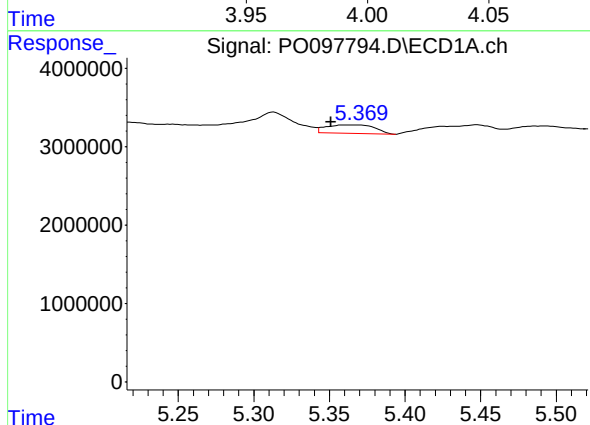
R.T.: 4.833 min
Delta R.T.: 0.016 min
Response: 1093076
Conc: 12.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



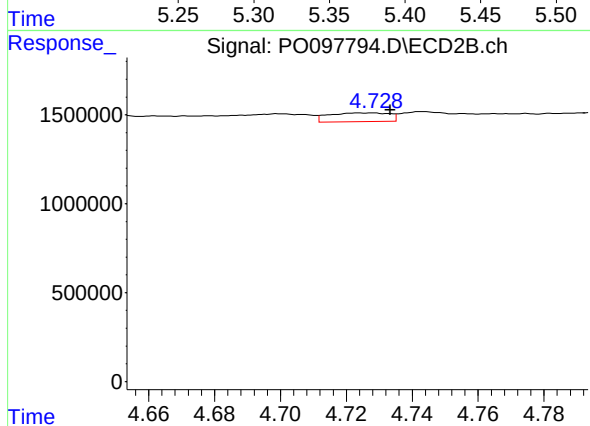
#11 AR-1232-1

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 98221
Conc: 4.45 ng/ml



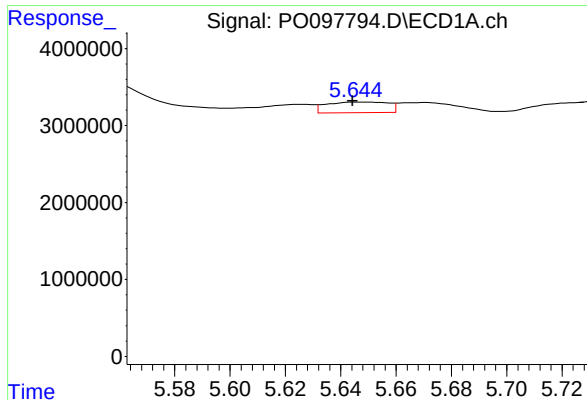
#12 AR-1232-2

R.T.: 5.365 min
Delta R.T.: 0.014 min
Response: 2397720
Conc: 54.87 ng/ml



#12 AR-1232-2

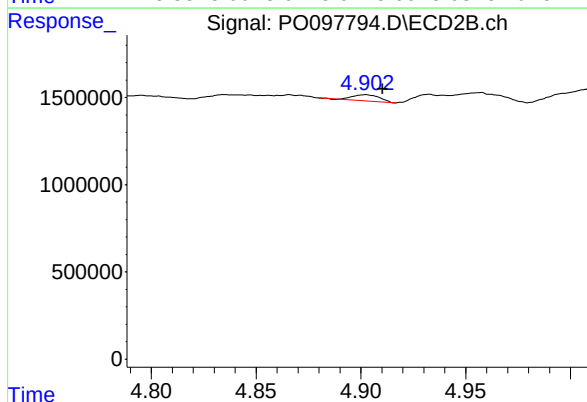
R.T.: 4.728 min
Delta R.T.: -0.006 min
Response: 636254
Conc: 31.01 ng/ml



#13 AR-1232-3

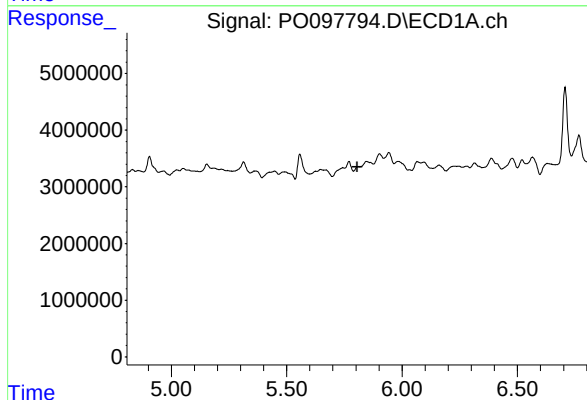
R.T.: 5.646 min
Delta R.T.: 0.002 min
Response: 2147586
Conc: 29.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



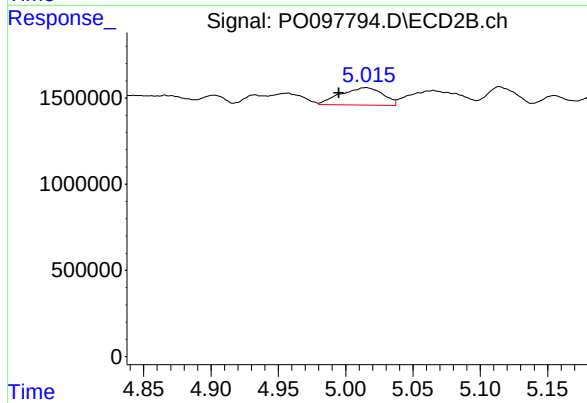
#13 AR-1232-3

R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 315577
Conc: 29.02 ng/ml



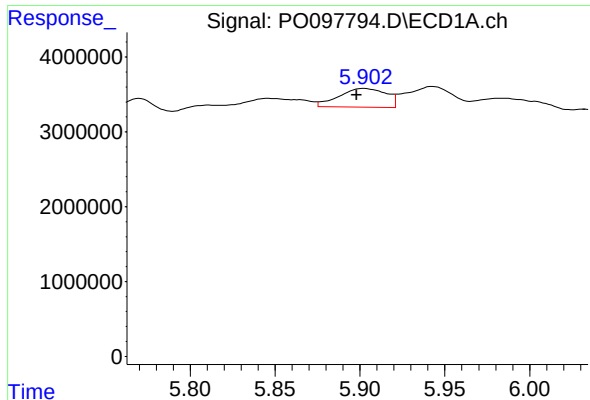
#14 AR-1232-4

R.T.: 5.811 min
Delta R.T.: 0.004 min
Response: -859796
Conc: N.D.



#14 AR-1232-4

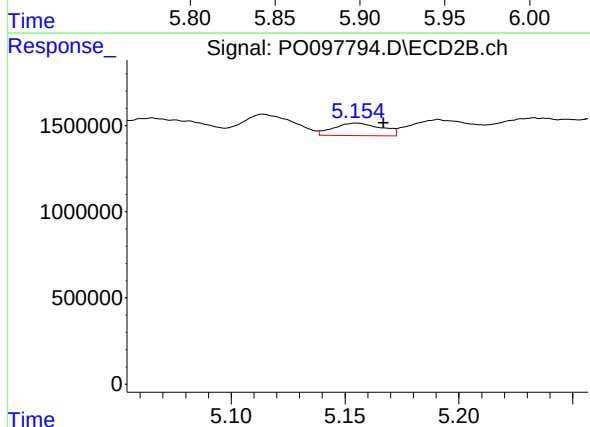
R.T.: 5.015 min
Delta R.T.: 0.020 min
Response: 2221527
Conc: 204.61 ng/ml



#15 AR-1232-5

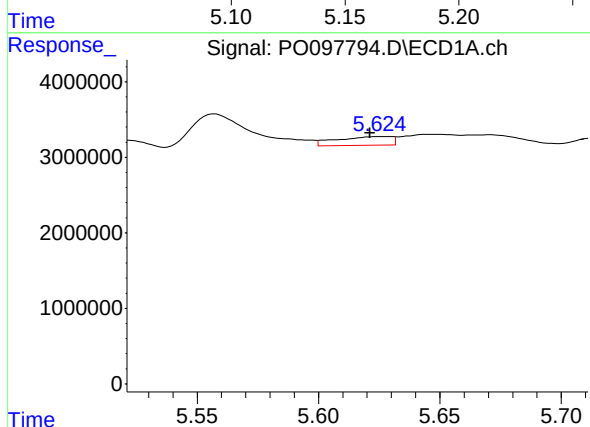
R.T.: 5.902 min
Delta R.T.: 0.004 min
Response: 4876127
Conc: 156.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



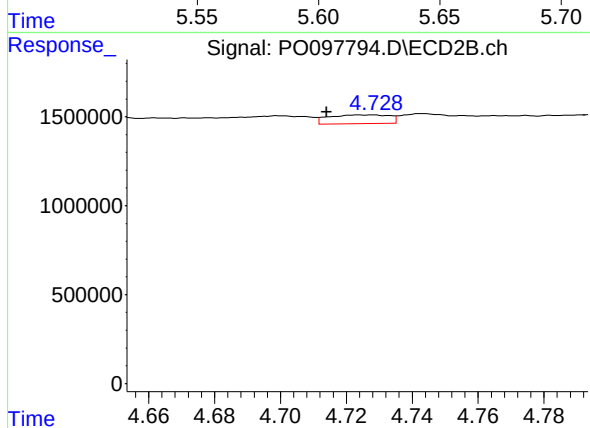
#15 AR-1232-5

R.T.: 5.155 min
Delta R.T.: -0.012 min
Response: 1040432
Conc: 85.82 ng/ml



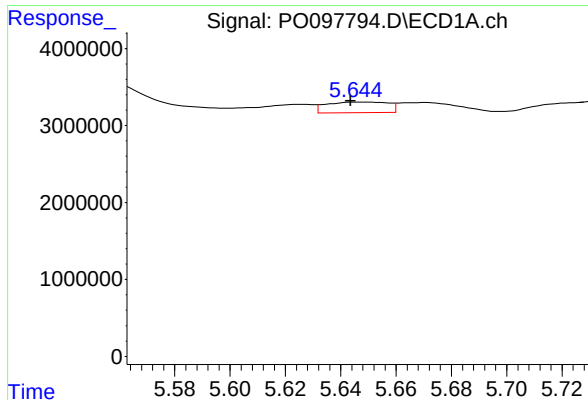
#16 AR-1242-1

R.T.: 5.625 min
Delta R.T.: 0.003 min
Response: 1815240
Conc: 19.49 ng/ml



#16 AR-1242-1

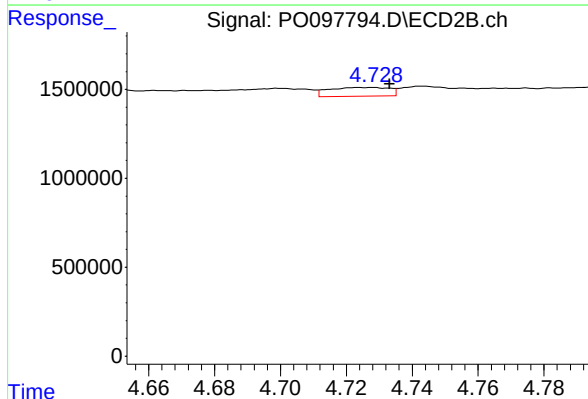
R.T.: 4.728 min
Delta R.T.: 0.014 min
Response: 636254
Conc: 22.67 ng/ml



#17 AR-1242-2

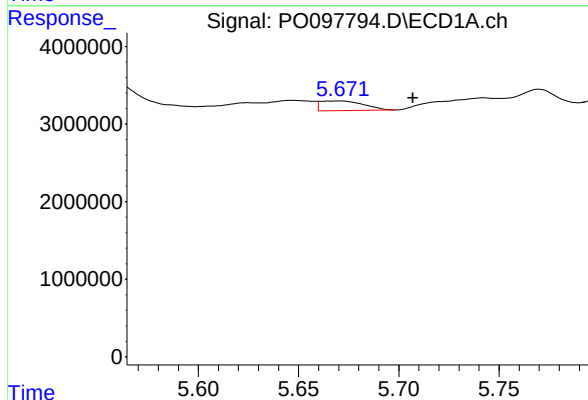
R.T.: 5.646 min
Delta R.T.: 0.003 min
Response: 2147586
Conc: 15.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



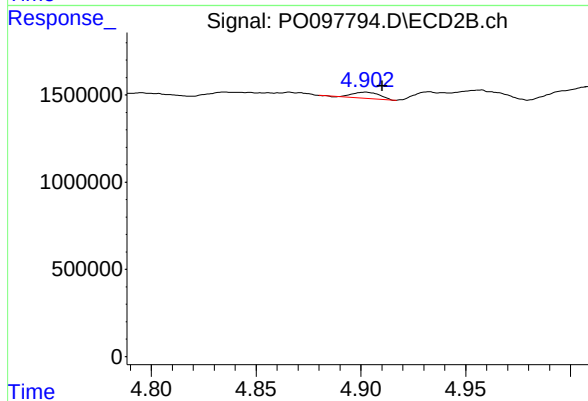
#17 AR-1242-2

R.T.: 4.728 min
Delta R.T.: -0.006 min
Response: 636254
Conc: 16.03 ng/ml



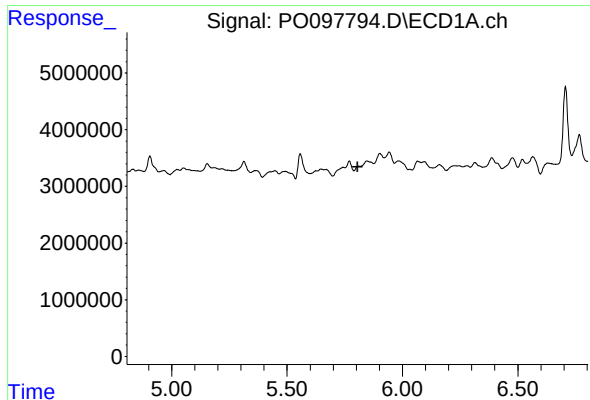
#18 AR-1242-3

R.T.: 5.671 min
Delta R.T.: -0.036 min
Response: 1851829
Conc: 21.40 ng/ml



#18 AR-1242-3

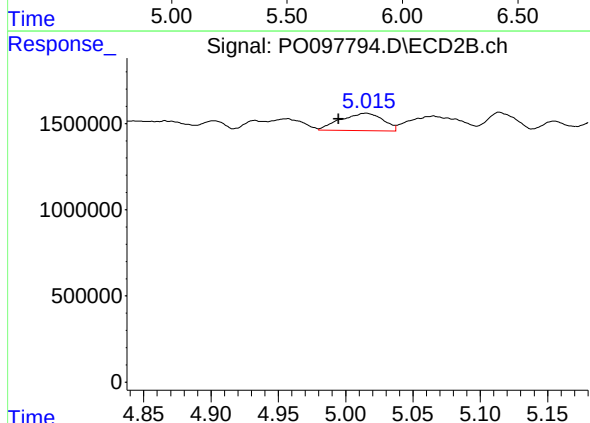
R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 315577
Conc: 14.93 ng/ml



#19 AR-1242-4

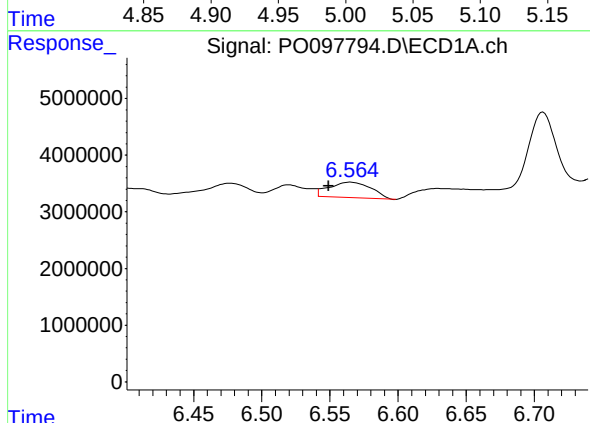
R.T.: 5.811 min
Delta R.T.: 0.005 min
Response: -859796
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



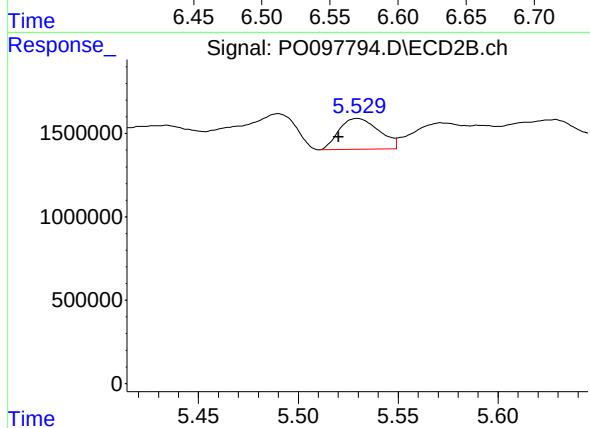
#19 AR-1242-4

R.T.: 5.015 min
Delta R.T.: 0.020 min
Response: 2221527
Conc: 96.93 ng/ml



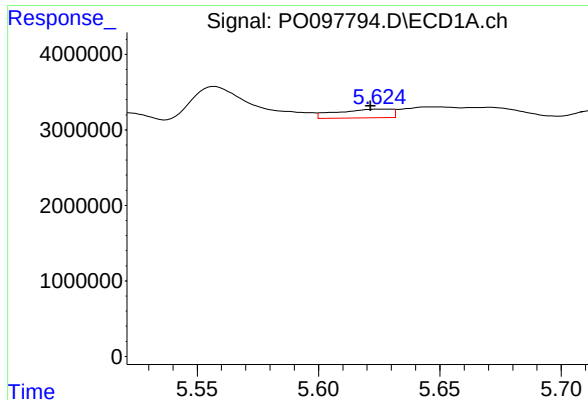
#20 AR-1242-5

R.T.: 6.565 min
Delta R.T.: 0.016 min
Response: 5860496
Conc: 83.28 ng/ml



#20 AR-1242-5

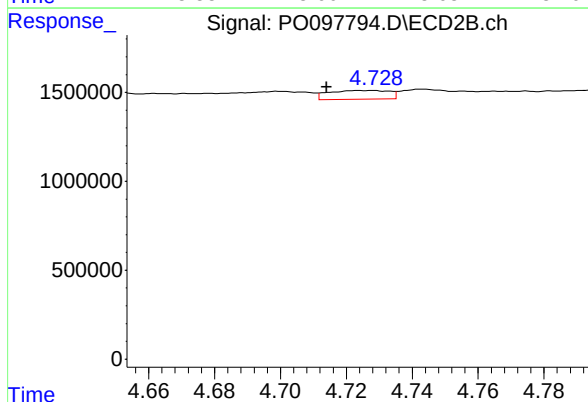
R.T.: 5.530 min
Delta R.T.: 0.009 min
Response: 2577812
Conc: 98.95 ng/ml



#21 AR-1248-1

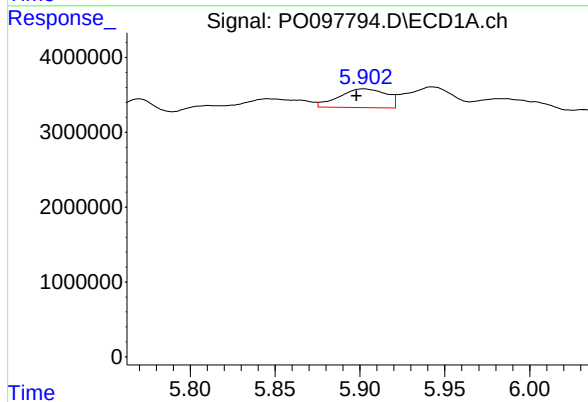
R.T.: 5.625 min
Delta R.T.: 0.003 min
Response: 1815240
Conc: 26.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



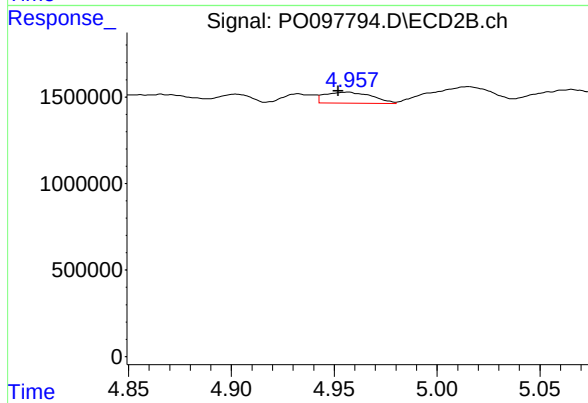
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.014 min
Response: 636254
Conc: 30.97 ng/ml



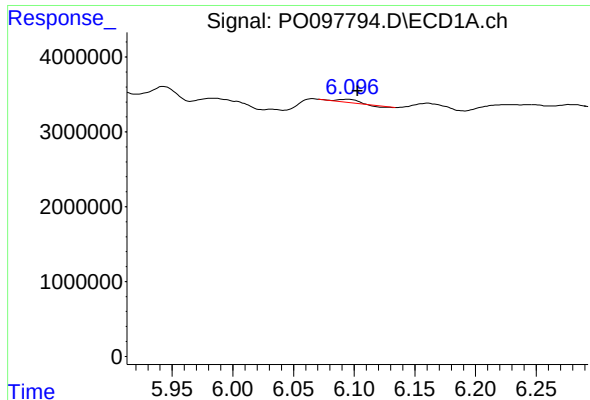
#22 AR-1248-2

R.T.: 5.902 min
Delta R.T.: 0.004 min
Response: 4876127
Conc: 45.09 ng/ml



#22 AR-1248-2

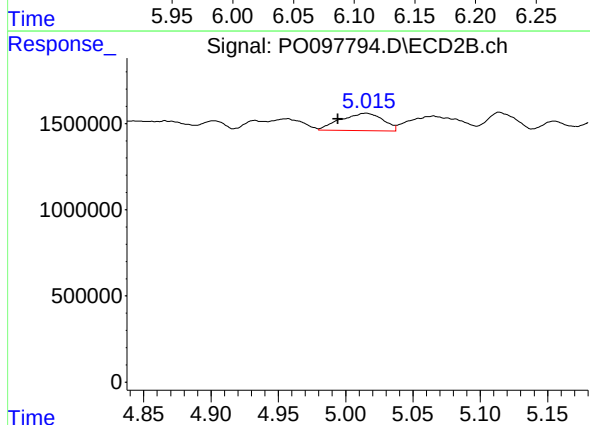
R.T.: 4.957 min
Delta R.T.: 0.005 min
Response: 1004202
Conc: 32.96 ng/ml



#23 AR-1248-3

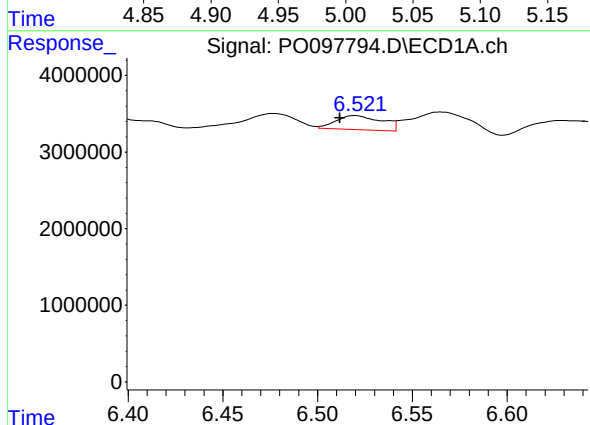
R.T.: 6.095 min
Delta R.T.: -0.008 min
Response: 342662
Conc: 3.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



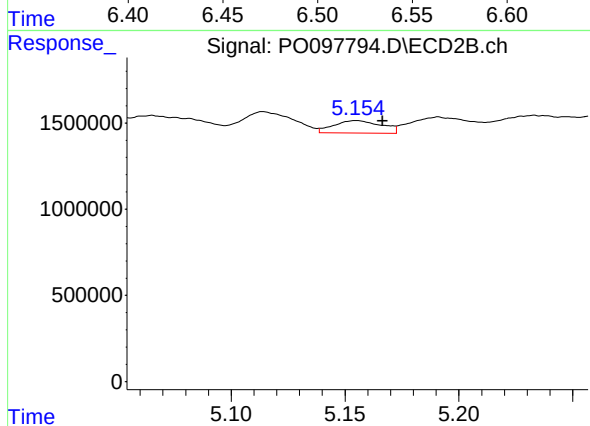
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: 0.021 min
Response: 2221527
Conc: 69.76 ng/ml



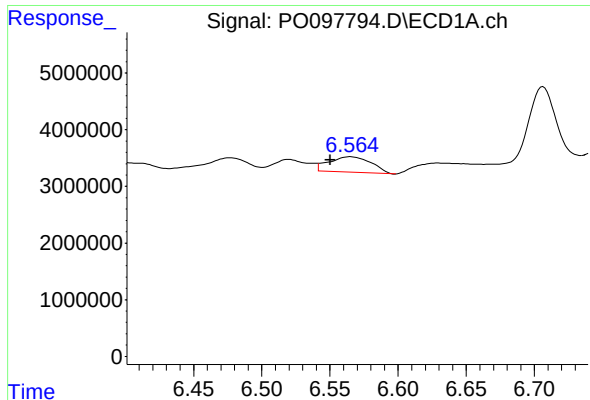
#24 AR-1248-4

R.T.: 6.520 min
Delta R.T.: 0.008 min
Response: 3106314
Conc: 30.05 ng/ml



#24 AR-1248-4

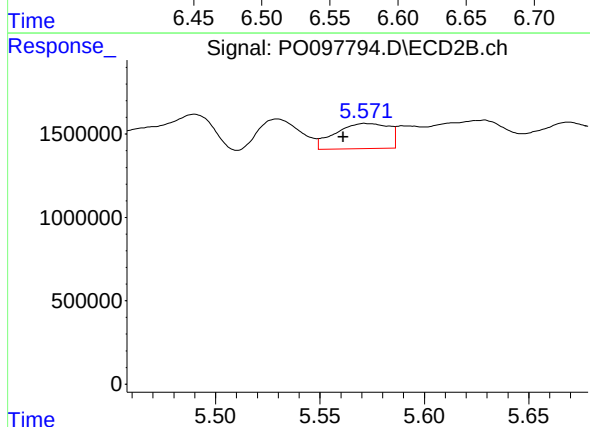
R.T.: 5.155 min
Delta R.T.: -0.011 min
Response: 1040432
Conc: 27.80 ng/ml



#25 AR-1248-5

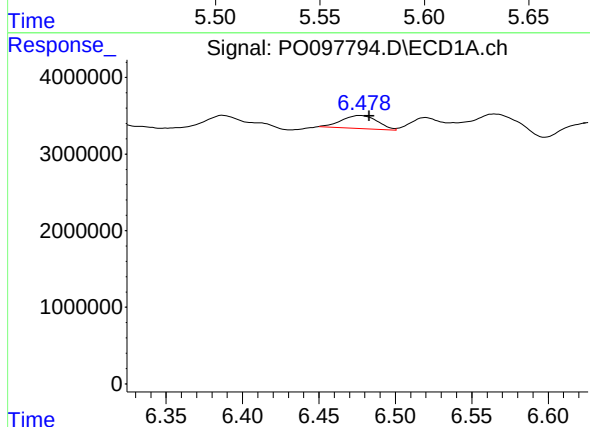
R.T.: 6.565 min
Delta R.T.: 0.015 min
Response: 5860496
Conc: 52.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



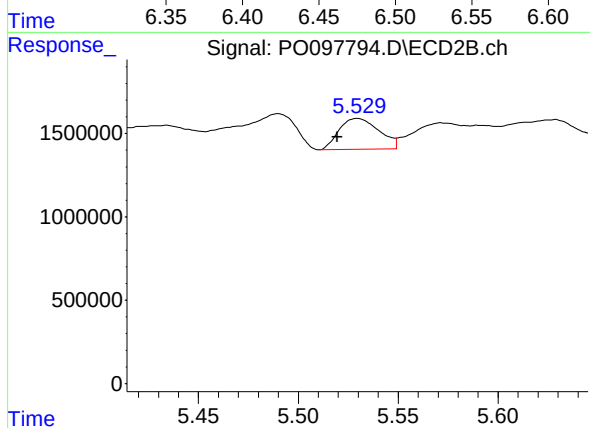
#25 AR-1248-5

R.T.: 5.572 min
Delta R.T.: 0.011 min
Response: 2686804
Conc: 80.63 ng/ml



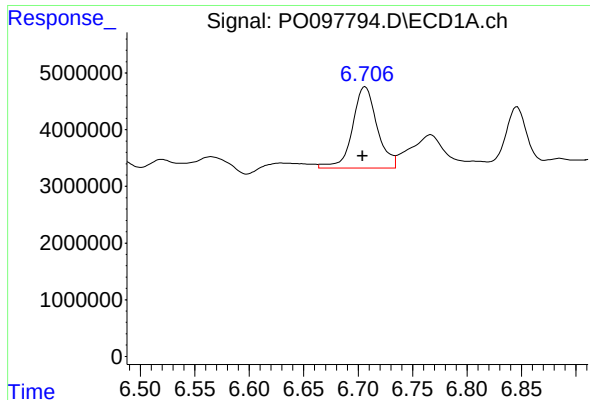
#26 AR-1254-1

R.T.: 6.477 min
Delta R.T.: -0.006 min
Response: 2802561
Conc: 22.86 ng/ml



#26 AR-1254-1

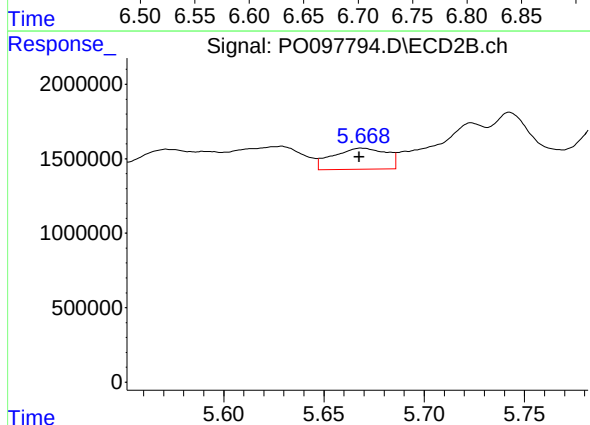
R.T.: 5.530 min
Delta R.T.: 0.010 min
Response: 2577812
Conc: 47.42 ng/ml



#27 AR-1254-2

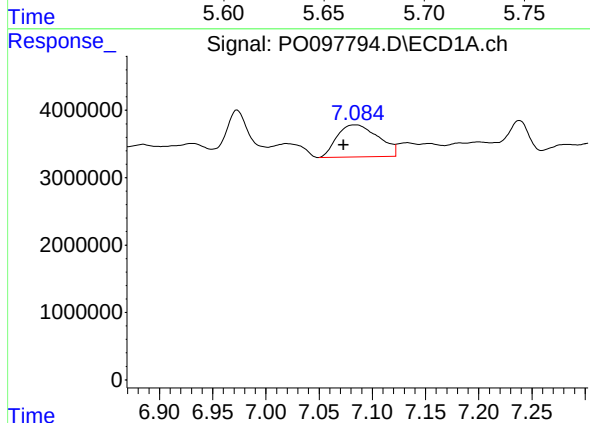
R.T.: 6.706 min
Delta R.T.: 0.002 min
Response: 22648309
Conc: 126.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



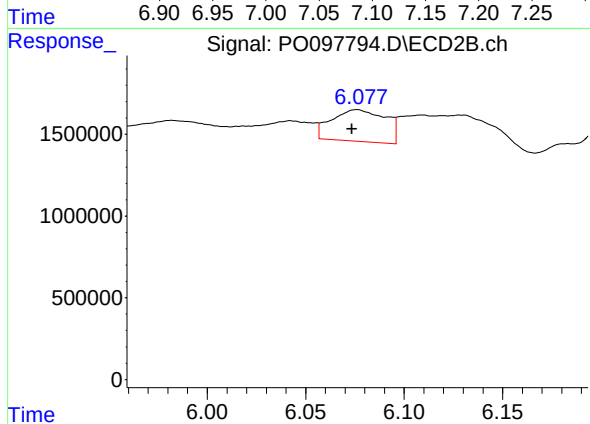
#27 AR-1254-2

R.T.: 5.669 min
Delta R.T.: 0.001 min
Response: 2619039
Conc: 54.39 ng/ml



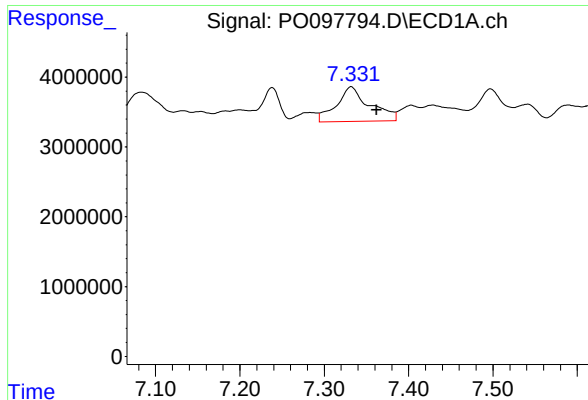
#28 AR-1254-3

R.T.: 7.084 min
Delta R.T.: 0.011 min
Response: 12867313
Conc: 72.66 ng/ml



#28 AR-1254-3

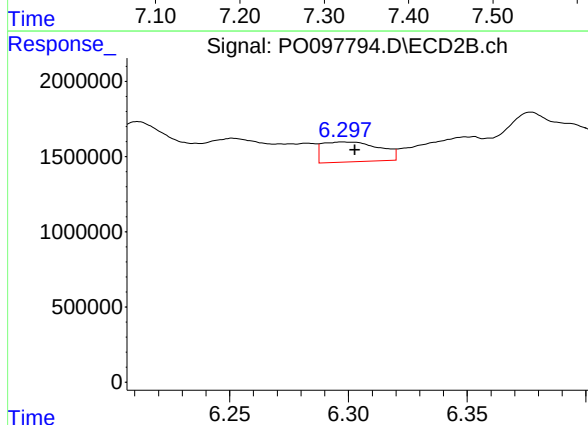
R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 3689720
Conc: 49.94 ng/ml



#29 AR-1254-4

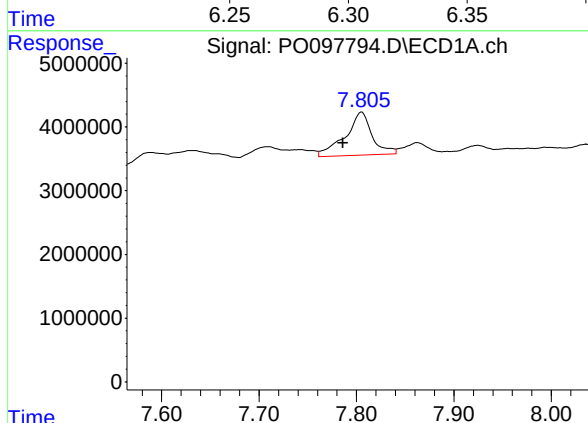
R.T.: 7.332 min
Delta R.T.: -0.030 min
Response: 13662272
Conc: 126.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



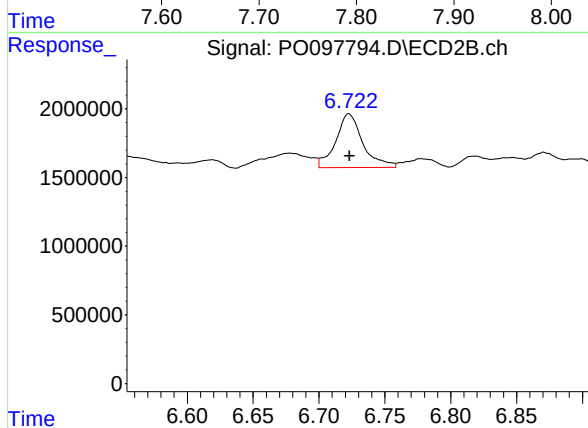
#29 AR-1254-4

R.T.: 6.297 min
Delta R.T.: -0.005 min
Response: 2234819
Conc: 56.39 ng/ml



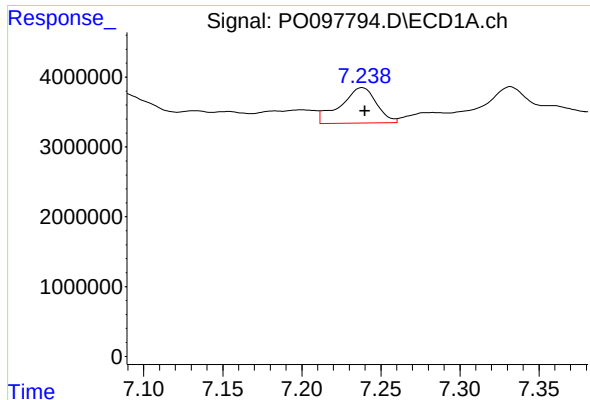
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: 0.019 min
Response: 12870956
Conc: 107.05 ng/ml



#30 AR-1254-5

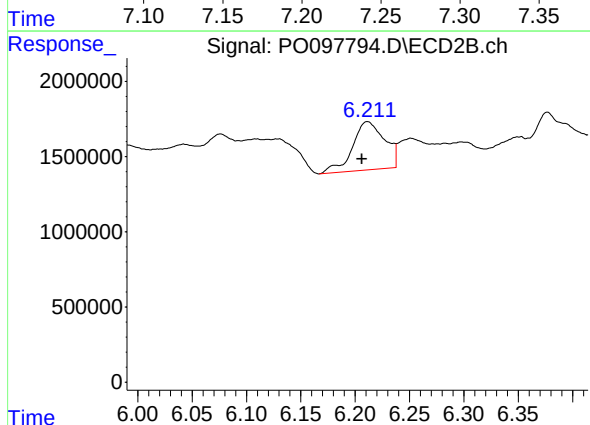
R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 5589334
Conc: 90.75 ng/ml



#31 AR-1260-1

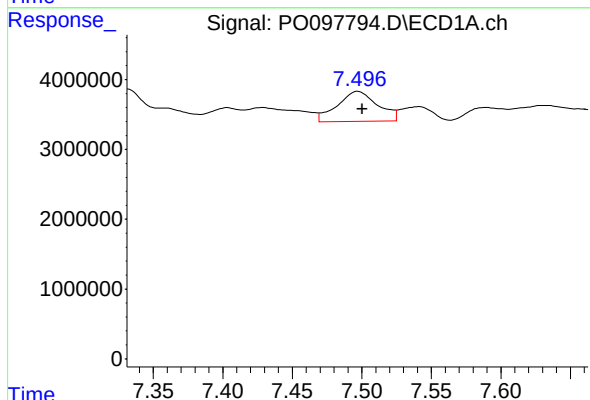
R.T.: 7.238 min
Delta R.T.: -0.002 min
Response: 8072171
Conc: 57.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



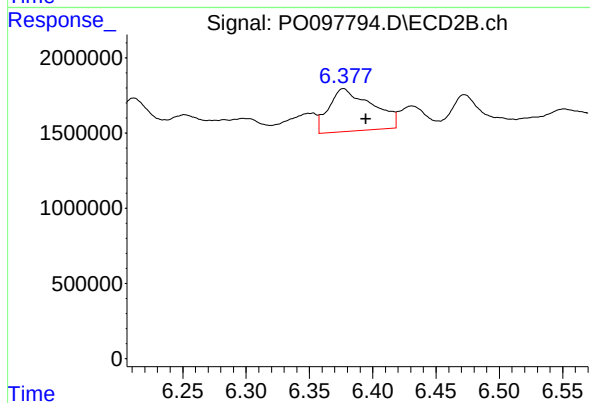
#31 AR-1260-1

R.T.: 6.211 min
Delta R.T.: 0.005 min
Response: 6608917
Conc: 124.22 ng/ml



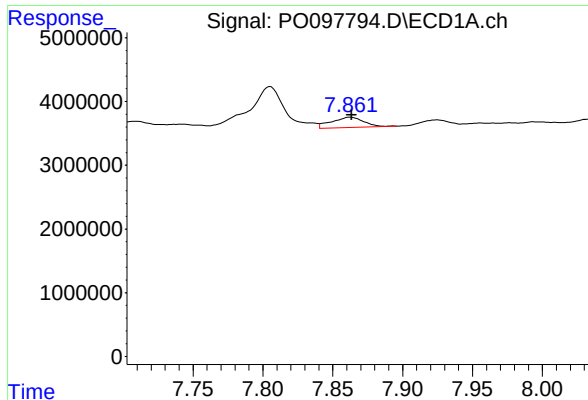
#32 AR-1260-2

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 8704098
Conc: 57.58 ng/ml



#32 AR-1260-2

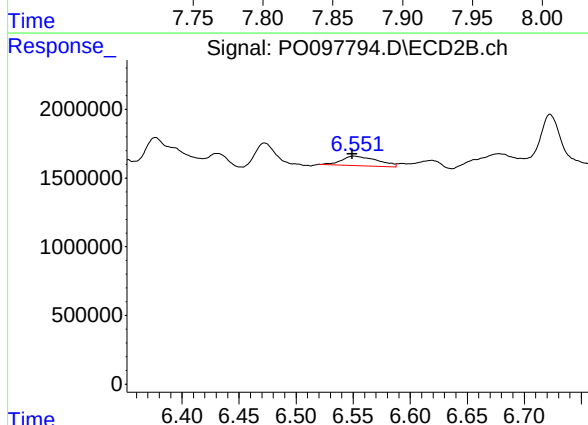
R.T.: 6.377 min
Delta R.T.: -0.018 min
Response: 6768921
Conc: 108.10 ng/ml



#33 AR-1260-3

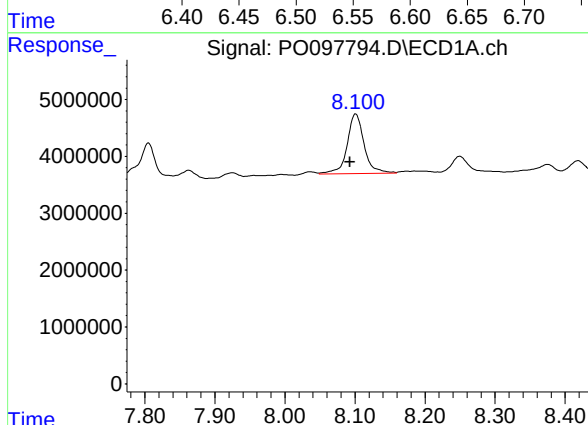
R.T.: 7.863 min
Delta R.T.: 0.000 min
Response: 2568615
Conc: 22.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



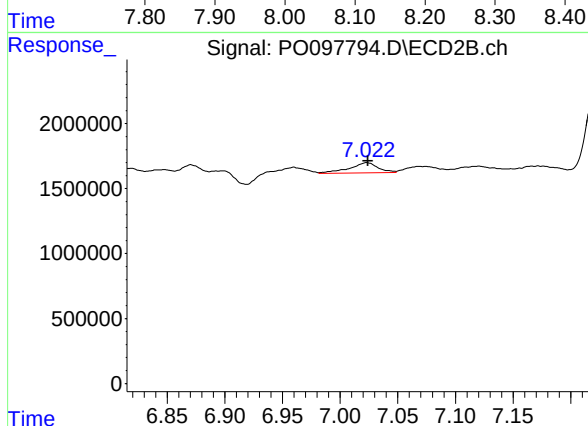
#33 AR-1260-3

R.T.: 6.551 min
Delta R.T.: 0.002 min
Response: 1498916
Conc: 25.99 ng/ml



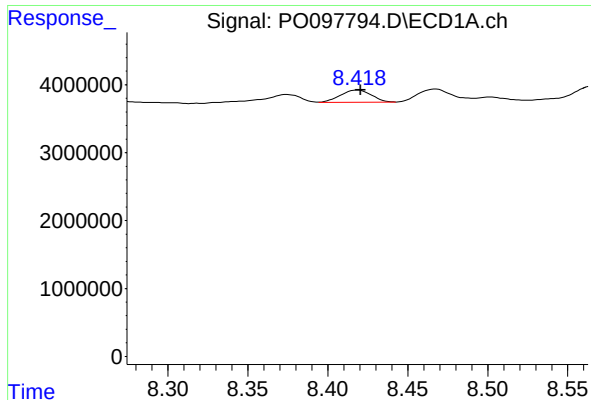
#34 AR-1260-4

R.T.: 8.101 min
Delta R.T.: 0.008 min
Response: 17710218
Conc: 148.98 ng/ml



#34 AR-1260-4

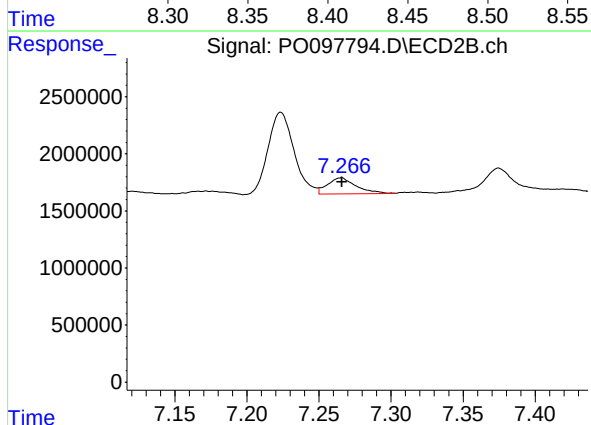
R.T.: 7.023 min
Delta R.T.: -0.001 min
Response: 1324816
Conc: 28.24 ng/ml



#35 AR-1260-5

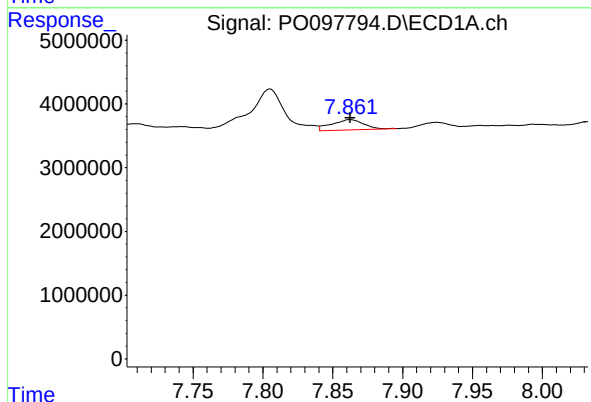
R.T.: 8.418 min
Delta R.T.: -0.002 min
Response: 2419125
Conc: 11.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



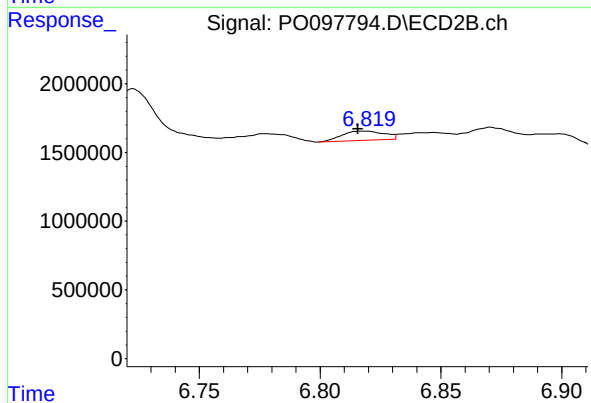
#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 1962493
Conc: 19.80 ng/ml



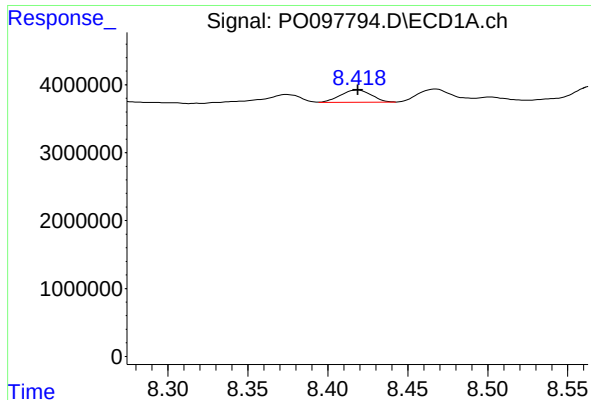
#36 AR-1262-1

R.T.: 7.863 min
Delta R.T.: 0.000 min
Response: 2568615
Conc: 16.89 ng/ml



#36 AR-1262-1

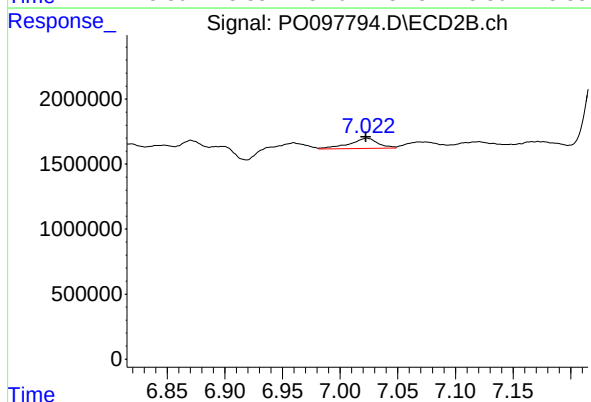
R.T.: 6.818 min
Delta R.T.: 0.003 min
Response: 818860
Conc: 30.22 ng/ml



#37 AR-1262-2

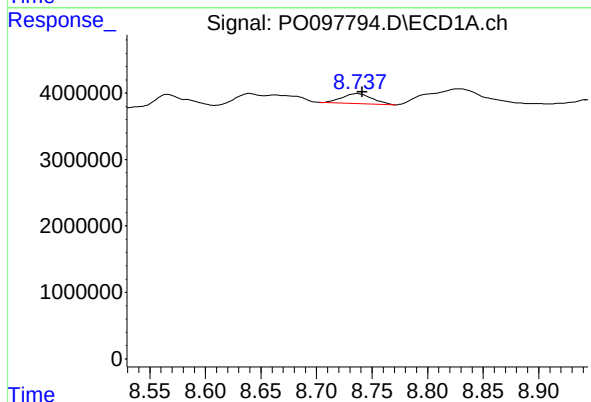
R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 2419125
Conc: 11.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



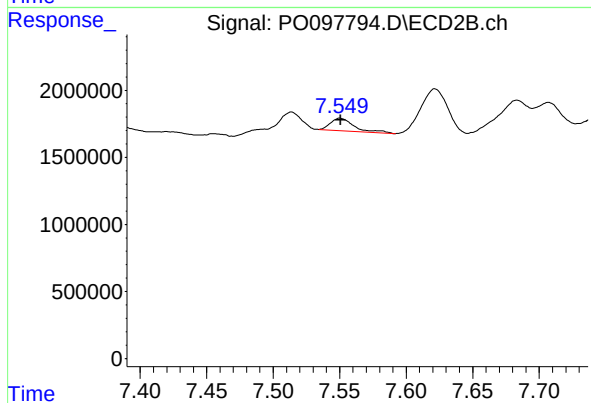
#37 AR-1262-2

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 1324816
Conc: 22.73 ng/ml



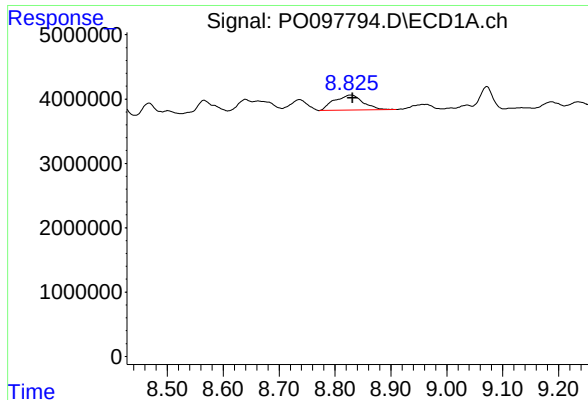
#38 AR-1262-3

R.T.: 8.737 min
Delta R.T.: -0.005 min
Response: 2844254
Conc: 18.38 ng/ml



#38 AR-1262-3

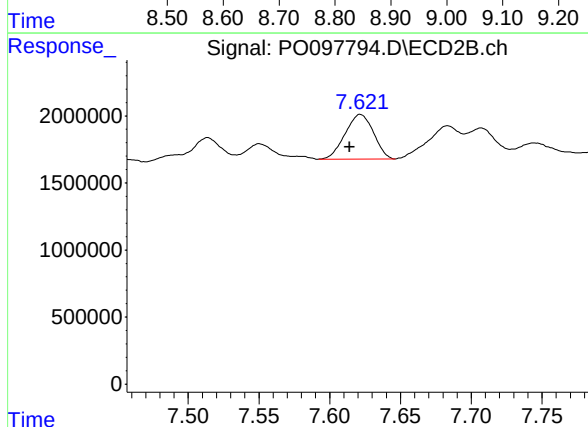
R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 1146277
Conc: 26.28 ng/ml



#39 AR-1262-4

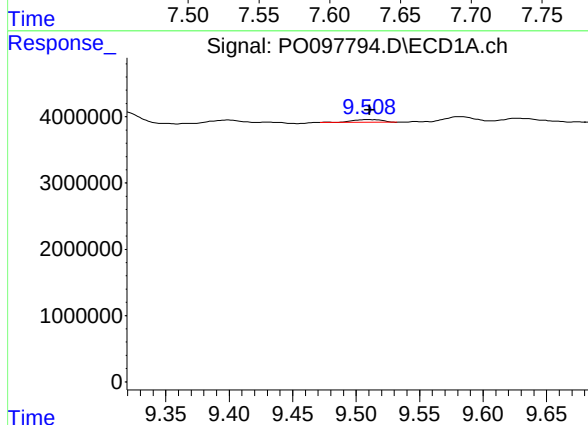
R.T.: 8.828 min
Delta R.T.: -0.004 min
Response: 8460330
Conc: 100.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



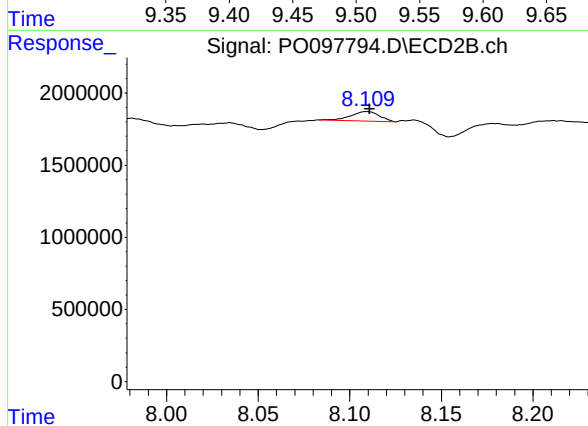
#39 AR-1262-4

R.T.: 7.622 min
Delta R.T.: 0.008 min
Response: 4665779
Conc: 61.32 ng/ml



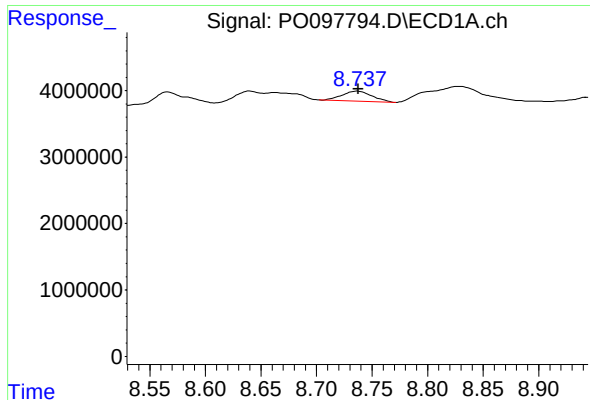
#40 AR-1262-5

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 678748
Conc: 9.42 ng/ml



#40 AR-1262-5

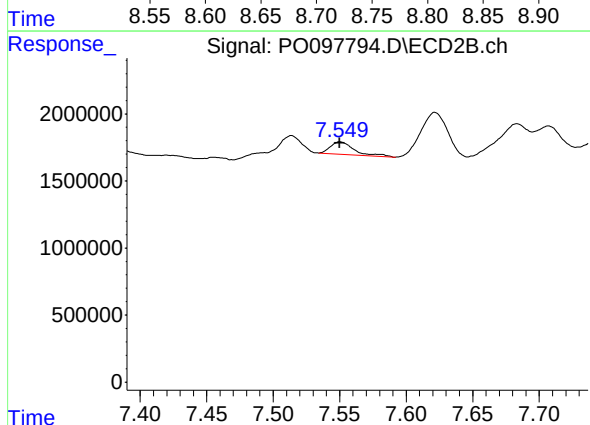
R.T.: 8.109 min
Delta R.T.: -0.002 min
Response: 719266
Conc: 22.92 ng/ml



#41 AR-1268-1

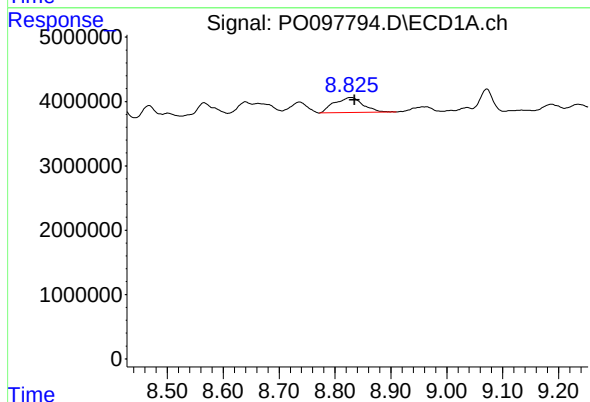
R.T.: 8.737 min
Delta R.T.: 0.000 min
Response: 2844254
Conc: 10.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



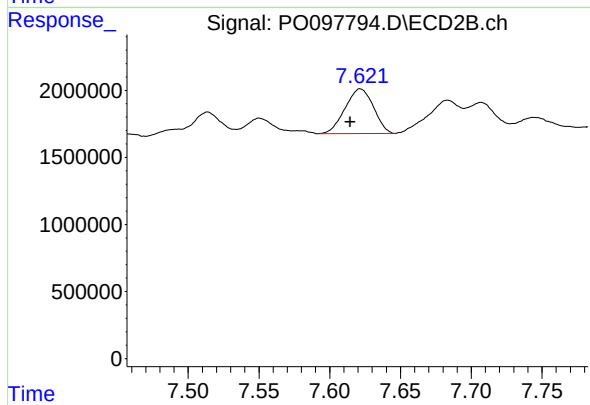
#41 AR-1268-1

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 1146277
Conc: 8.71 ng/ml



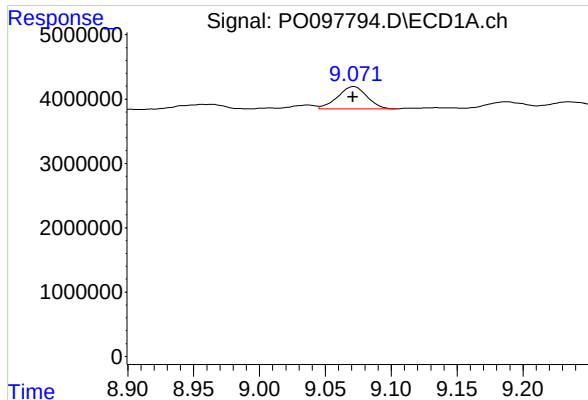
#42 AR-1268-2

R.T.: 8.828 min
Delta R.T.: -0.007 min
Response: 8460330
Conc: 33.12 ng/ml



#42 AR-1268-2

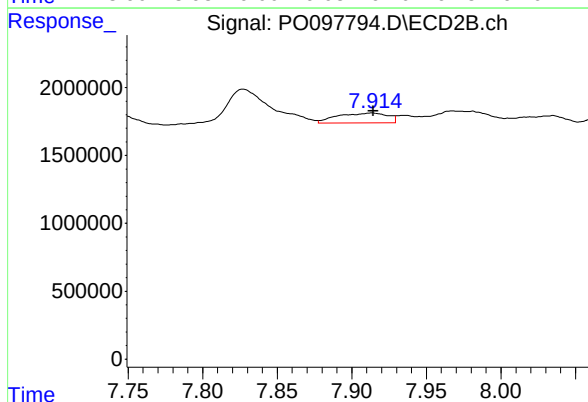
R.T.: 7.622 min
Delta R.T.: 0.007 min
Response: 4665779
Conc: 40.48 ng/ml



#43 AR-1268-3

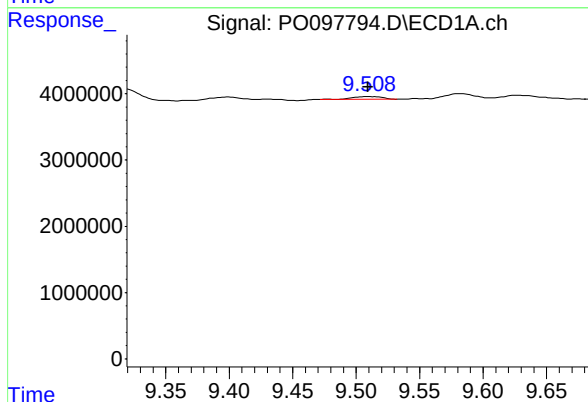
R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 5396298
Conc: 24.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



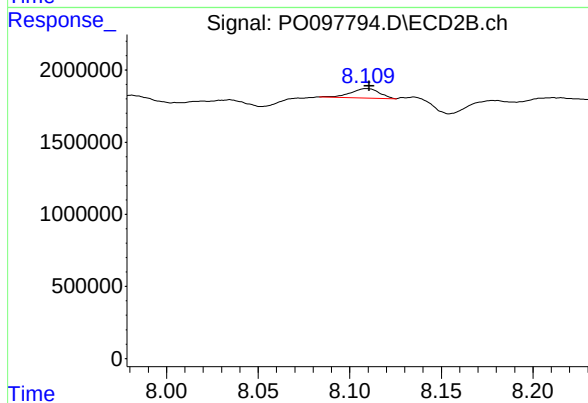
#43 AR-1268-3

R.T.: 7.914 min
Delta R.T.: 0.000 min
Response: 1719837
Conc: 62.21 ng/ml



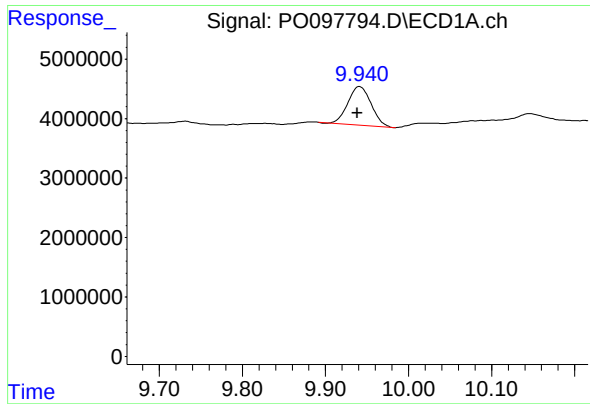
#44 AR-1268-4

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 678748
Conc: 8.31 ng/ml



#44 AR-1268-4

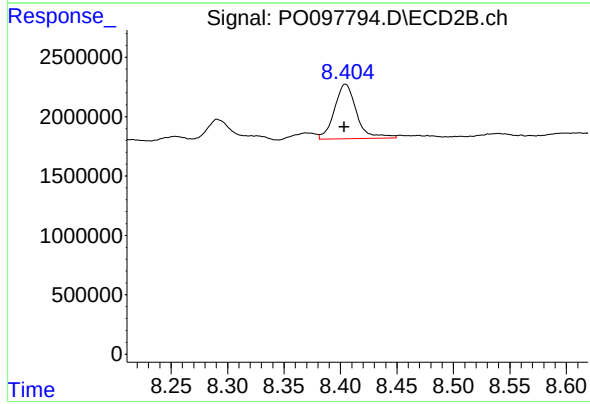
R.T.: 8.109 min
Delta R.T.: -0.001 min
Response: 719266
Conc: 20.42 ng/ml



#45 AR-1268-5

R.T.: 9.941 min
Delta R.T.: 0.002 min
Response: 12607186
Conc: 19.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 6289567
Conc: 20.06 ng/ml