

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082123\
 Data File : P0097327.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 15:11
 Operator : YP/AJ
 Sample : 04087-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 01:48:49 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...	4.409	3.614	55047213	21864361	16.630	16.516
2) SA Decachlor...	10.344	8.626	40659936	19079063	18.582	16.491
Target Compounds						
3) L1 AR-1016-1	5.575	4.724	642323	458731	6.820	10.347 #
4) L1 AR-1016-2	5.624	4.724	371405	458731	2.776	7.499 #
5) L1 AR-1016-3	5.686	4.888	205737	249678	2.364	7.643 #
6) L1 AR-1016-4	5.743	4.939	708883	306838	10.554	10.734
7) L1 AR-1016-5	6.119f	5.135	38883	298793	0.557	7.772 #
8) L2 AR-1221-1	4.619	3.901f	5164215	2458581	126.713	141.647
9) L2 AR-1221-2	4.719	3.901	801886	2458581	26.395	190.282 #
10) L2 AR-1221-3	4.785	3.992	219839	285784	2.512	7.200 #
11) L3 AR-1232-1	4.785	3.992	219839	285784	3.014	8.835 #
12) L3 AR-1232-2	5.336	4.724	1583882	458731	39.951	15.899 #
13) L3 AR-1232-3	5.624	4.888	371405	249678	6.071	16.468 #
14) L3 AR-1232-4	5.743	4.987	708883	418929	23.232	28.032
15) L3 AR-1232-5	5.876	5.135	889594	298793	31.790	18.278 #
16) L4 AR-1242-1	5.575	4.724	642323	458731	7.663	11.636 #
17) L4 AR-1242-2	5.624	4.724	371405	458731	3.154	8.418 #
18) L4 AR-1242-3	5.686	4.888	205737	249678	2.785	8.444 #
19) L4 AR-1242-4	5.743	4.987	708883	418929	11.908	13.293
20) L4 AR-1242-5	6.507	5.500	516927	1129015	9.395	30.986 #
21) L5 AR-1248-1	5.575	4.724	642323	458731	10.962	16.347 #
22) L5 AR-1248-2	5.876	4.939	889594	306838	9.462	7.240
23) L5 AR-1248-3	6.119f	4.987	38883	418929	0.398	9.550 #
24) L5 AR-1248-4	6.507	5.135	516927	298793	5.690	5.853
25) L5 AR-1248-5	6.507	5.574	516927	1274554	5.868	27.262 #
26) L6 AR-1254-1	6.467	5.500	592054	1129015	5.417	15.299 #
27) L6 AR-1254-2	6.694	5.648	1737333	738792	10.776	11.214
28) L6 AR-1254-3	7.073	6.071	2640936	1064983	16.854	10.538 #
29) L6 AR-1254-4	7.363	6.283	880173	444078	8.730	7.673
30) L6 AR-1254-5	7.793	6.700	1118407	1420003	9.967	16.152 #
31) L7 AR-1260-1	7.239	6.184	1636682	968452	13.022	13.763
32) L7 AR-1260-2	7.495	6.371	3108293	756519	23.070	9.064 #
33) L7 AR-1260-3	7.876	6.524	868387	552066	8.368	7.149
34) L7 AR-1260-4	8.085	7.035	3097699	290347	27.707	4.531 #
35) L7 AR-1260-5	8.437	7.241	1313343	499141	6.255	3.600 #
36) L8 AR-1262-1	7.876	6.806	868387	368376	5.847	9.357 #
37) L8 AR-1262-2	8.437	7.035	1313343	290347	5.674	3.580 #
38) L8 AR-1262-3	8.774	7.526	813346	170302	4.876	2.654 #
39) L8 AR-1262-4	8.861	7.589	555073	629775	7.613	5.544 #
40) L8 AR-1262-5	9.545	8.052f	153513	95089	1.843	1.811
41) L9 AR-1268-1	8.774	7.526	813346	170302	2.646	0.919 #

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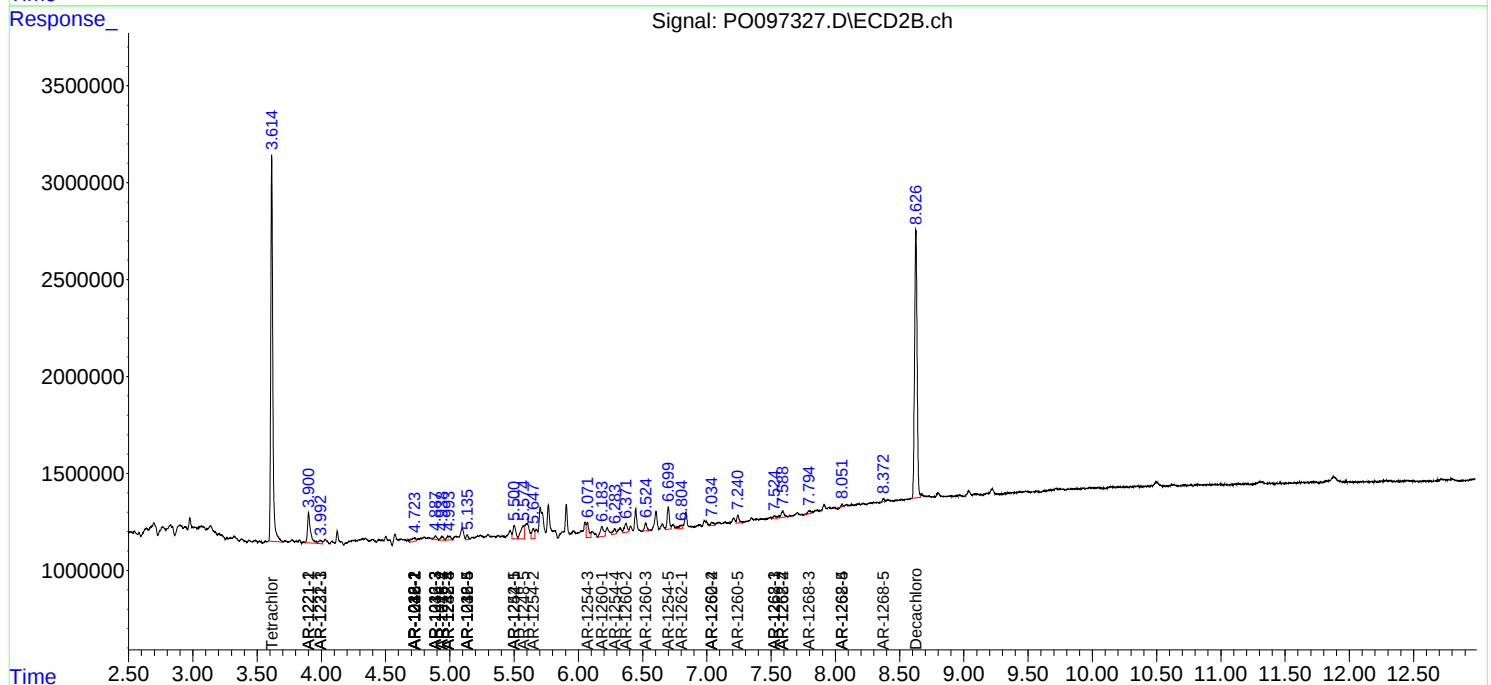
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

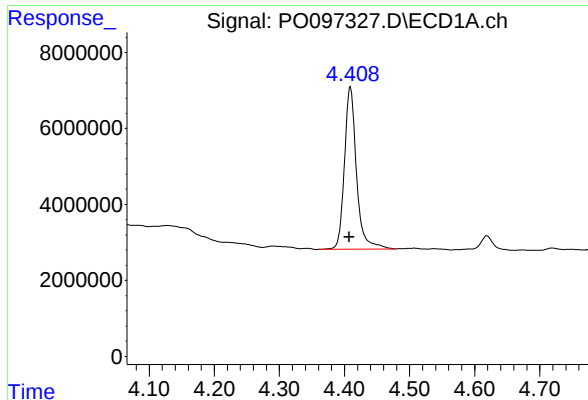
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.861	7.589	555073	629775	2.024	3.756 #
43) L9	AR-1268-3	9.098	7.800	224199	280394	0.878	1.941 #
44) L9	AR-1268-4	9.545	8.052f	153513	95089	1.656	1.596
45) L9	AR-1268-5	9.985	8.373	857204	161473	1.061	0.388 #

(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

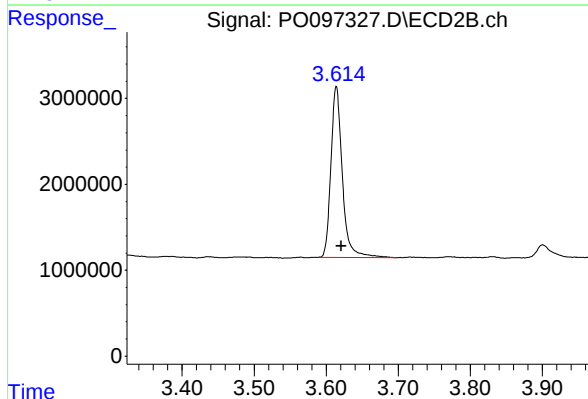




#1 Tetrachloro-m-xylene

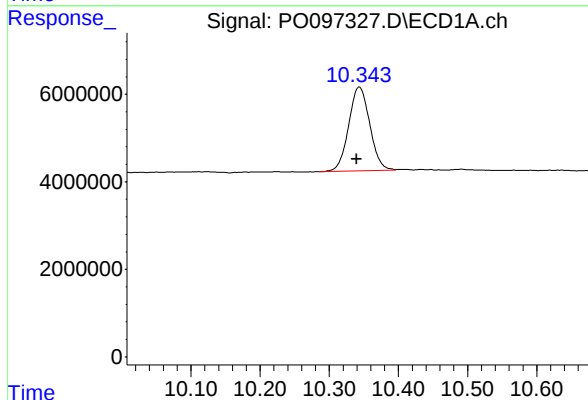
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 55047213
Conc: 16.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



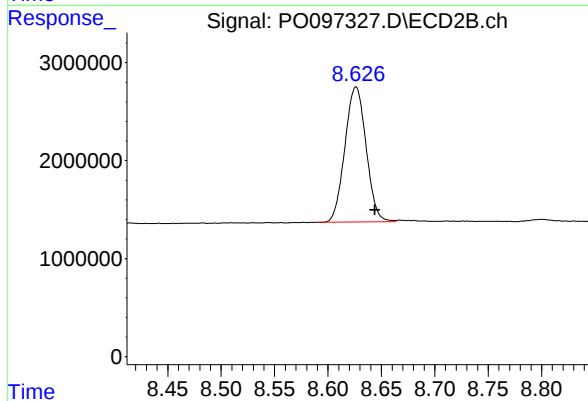
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 21864361
Conc: 16.52 ng/ml



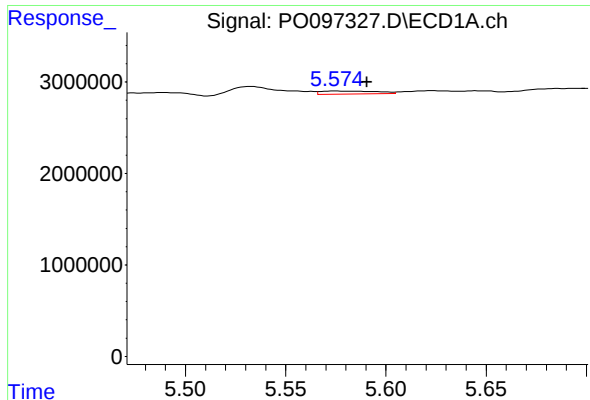
#2 Decachlorobiphenyl

R.T.: 10.344 min
Delta R.T.: 0.004 min
Response: 40659936
Conc: 18.58 ng/ml



#2 Decachlorobiphenyl

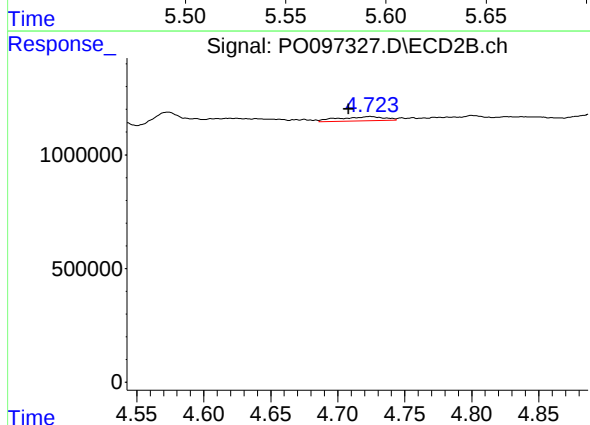
R.T.: 8.626 min
Delta R.T.: -0.018 min
Response: 19079063
Conc: 16.49 ng/ml



#3 AR-1016-1

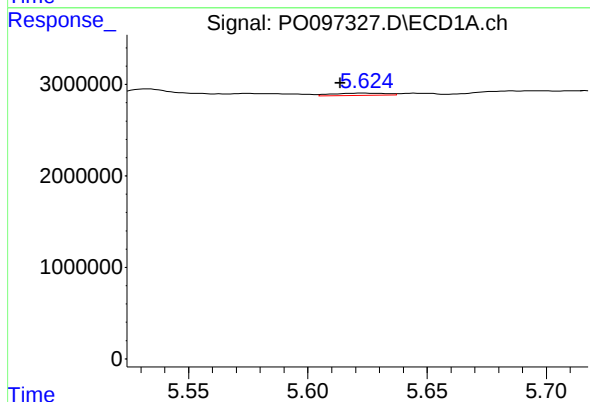
R.T.: 5.575 min
Delta R.T.: -0.016 min
Response: 642323
Conc: 6.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



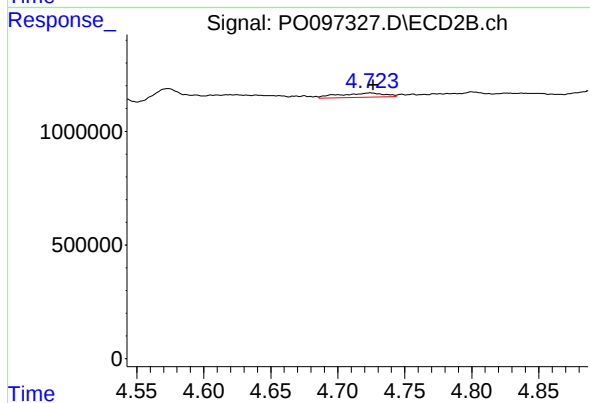
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: 0.016 min
Response: 458731
Conc: 10.35 ng/ml



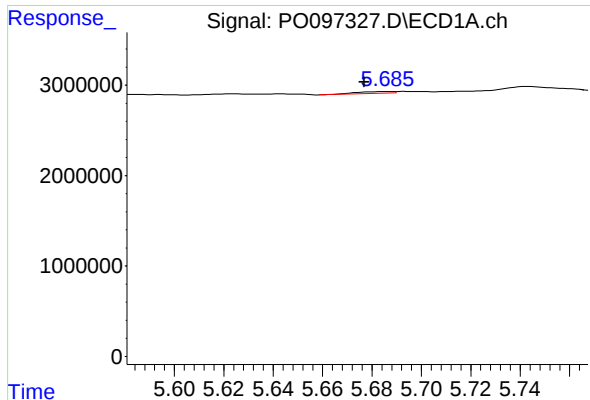
#4 AR-1016-2

R.T.: 5.624 min
Delta R.T.: 0.010 min
Response: 371405
Conc: 2.78 ng/ml



#4 AR-1016-2

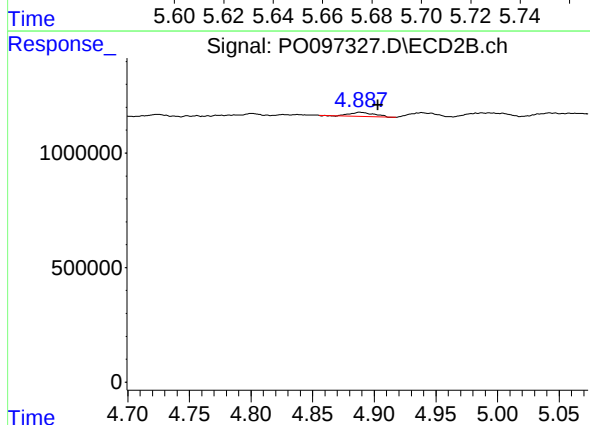
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 458731
Conc: 7.50 ng/ml



#5 AR-1016-3

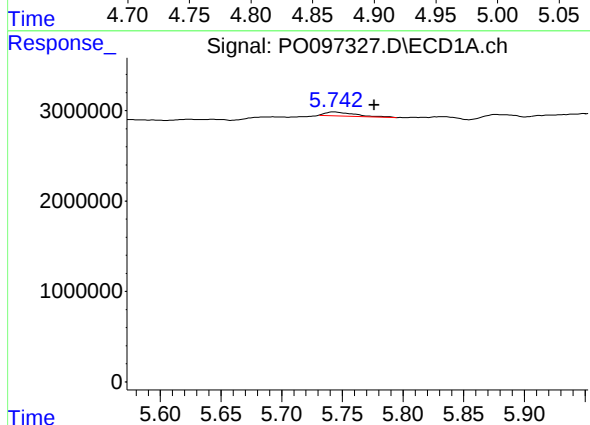
R.T.: 5.686 min
Delta R.T.: 0.009 min
Response: 205737
Conc: 2.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



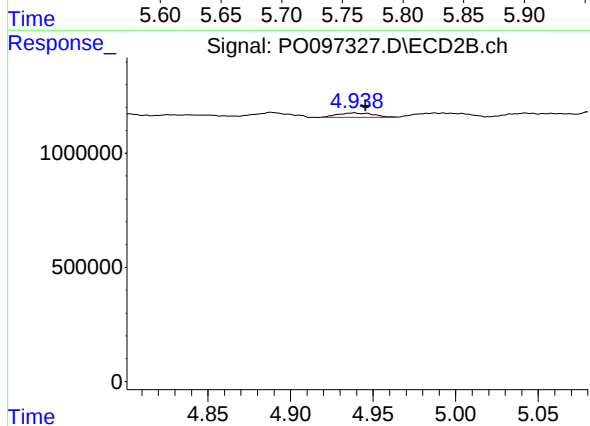
#5 AR-1016-3

R.T.: 4.888 min
Delta R.T.: -0.014 min
Response: 249678
Conc: 7.64 ng/ml



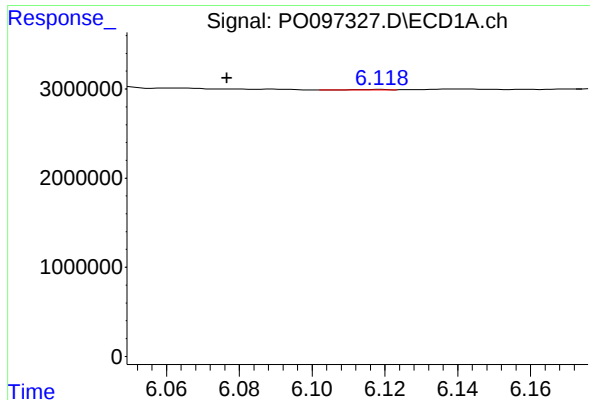
#6 AR-1016-4

R.T.: 5.743 min
Delta R.T.: -0.033 min
Response: 708883
Conc: 10.55 ng/ml



#6 AR-1016-4

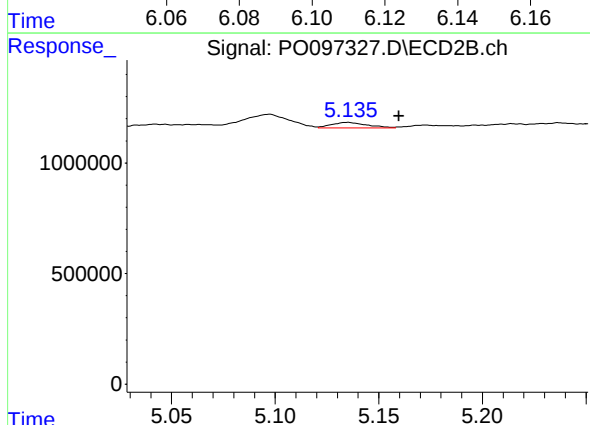
R.T.: 4.939 min
Delta R.T.: -0.007 min
Response: 306838
Conc: 10.73 ng/ml



#7 AR-1016-5

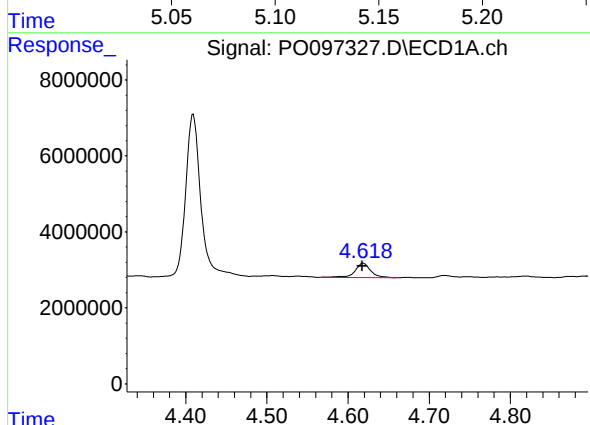
R.T.: 6.119 min
Delta R.T.: 0.042 min
Response: 38883
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



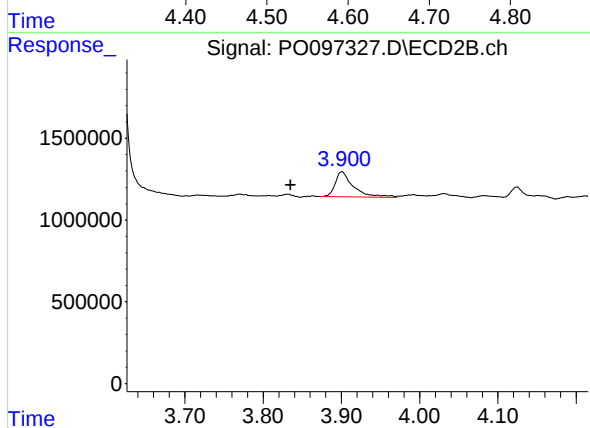
#7 AR-1016-5

R.T.: 5.135 min
Delta R.T.: -0.025 min
Response: 298793
Conc: 7.77 ng/ml



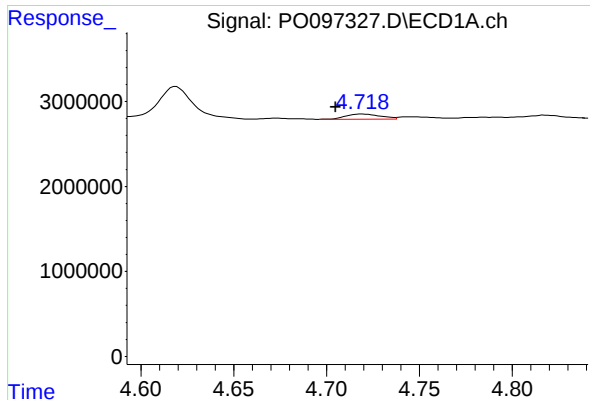
#8 AR-1221-1

R.T.: 4.619 min
Delta R.T.: 0.001 min
Response: 5164215
Conc: 126.71 ng/ml



#8 AR-1221-1

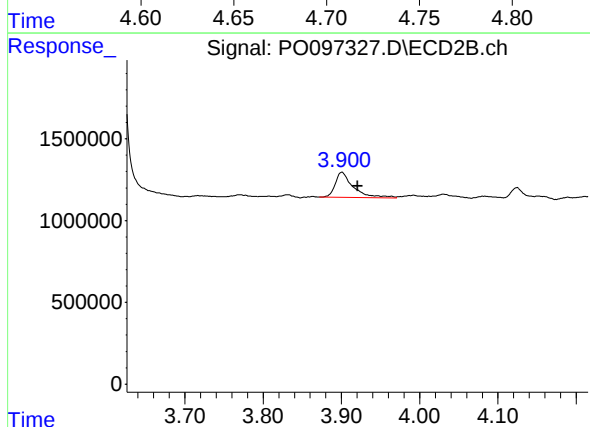
R.T.: 3.901 min
Delta R.T.: 0.066 min
Response: 2458581
Conc: 141.65 ng/ml



#9 AR-1221-2

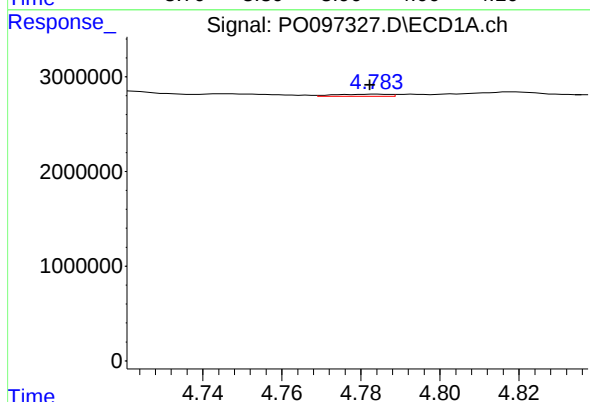
R.T.: 4.719 min
Delta R.T.: 0.014 min
Response: 801886
Conc: 26.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



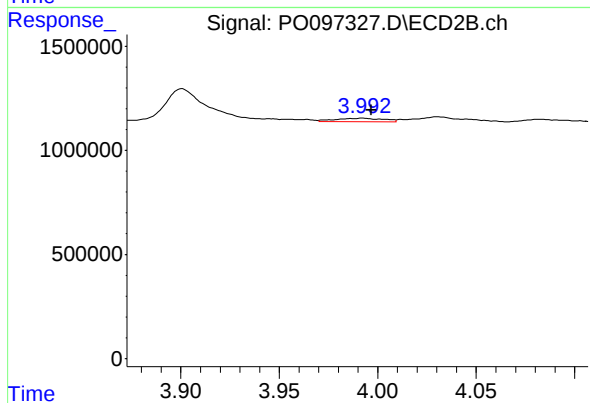
#9 AR-1221-2

R.T.: 3.901 min
Delta R.T.: -0.020 min
Response: 2458581
Conc: 190.28 ng/ml



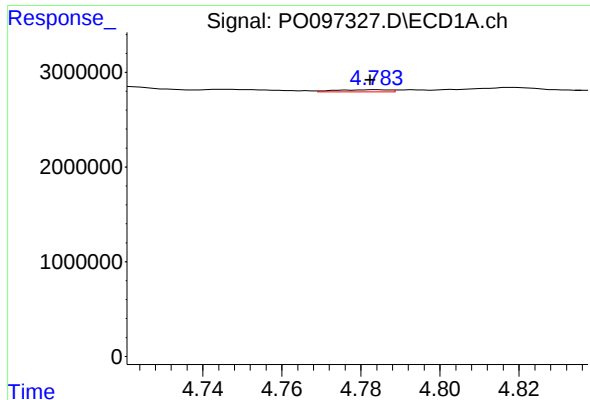
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 219839
Conc: 2.51 ng/ml



#10 AR-1221-3

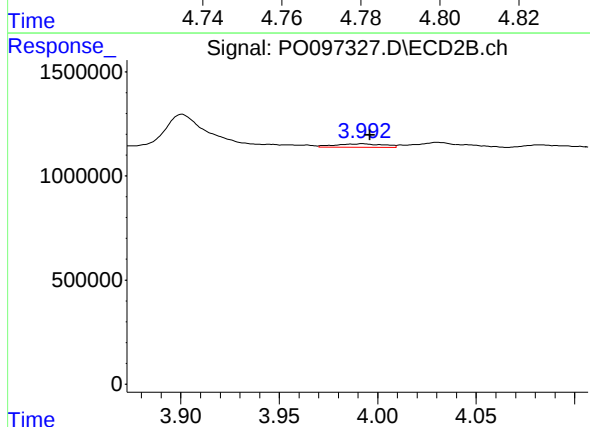
R.T.: 3.992 min
Delta R.T.: -0.004 min
Response: 285784
Conc: 7.20 ng/ml



#11 AR-1232-1

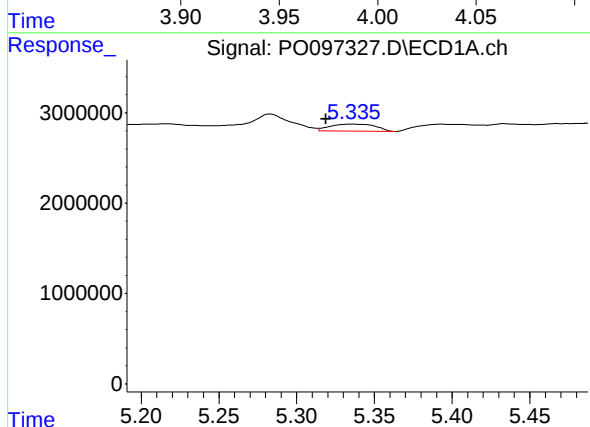
R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 219839
Conc: 3.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



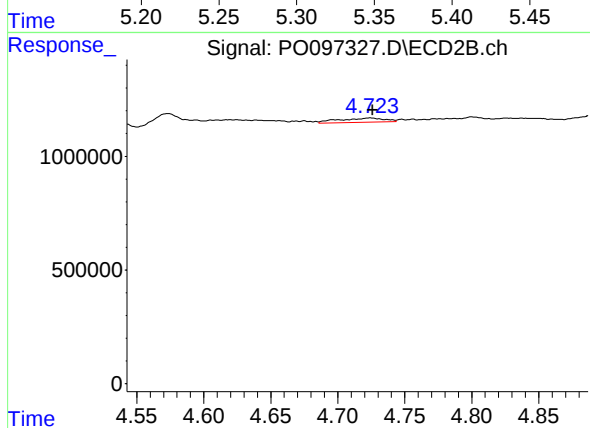
#11 AR-1232-1

R.T.: 3.992 min
Delta R.T.: -0.004 min
Response: 285784
Conc: 8.83 ng/ml



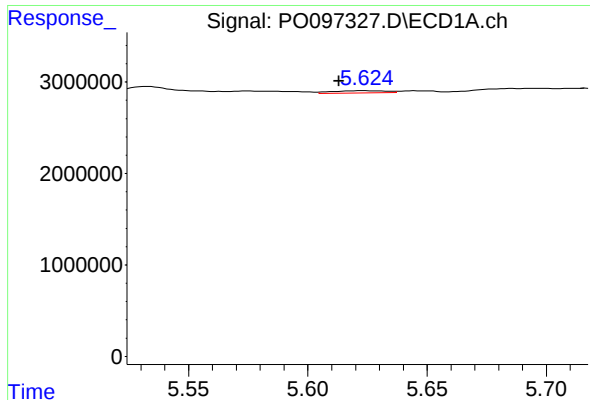
#12 AR-1232-2

R.T.: 5.336 min
Delta R.T.: 0.017 min
Response: 1583882
Conc: 39.95 ng/ml



#12 AR-1232-2

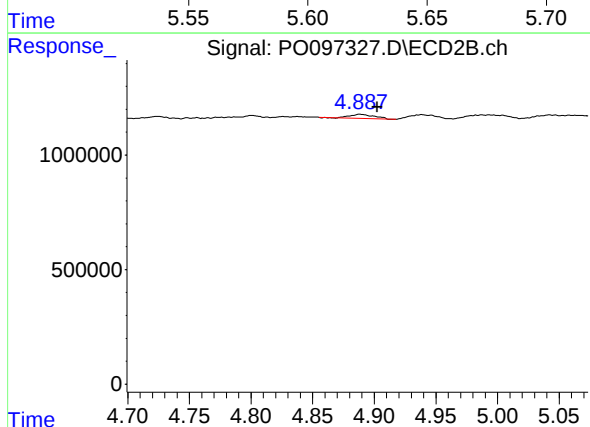
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 458731
Conc: 15.90 ng/ml



#13 AR-1232-3

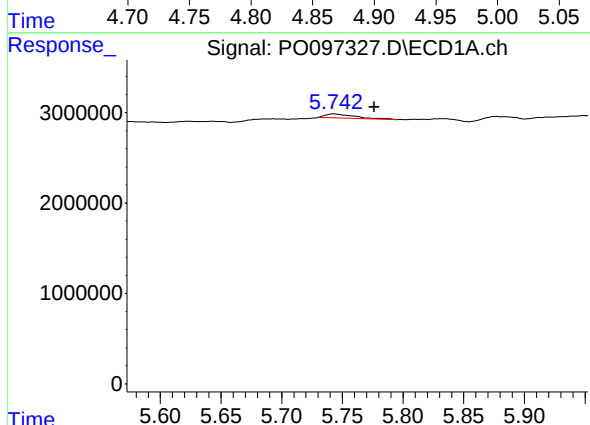
R.T.: 5.624 min
Delta R.T.: 0.011 min
Response: 371405
Conc: 6.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



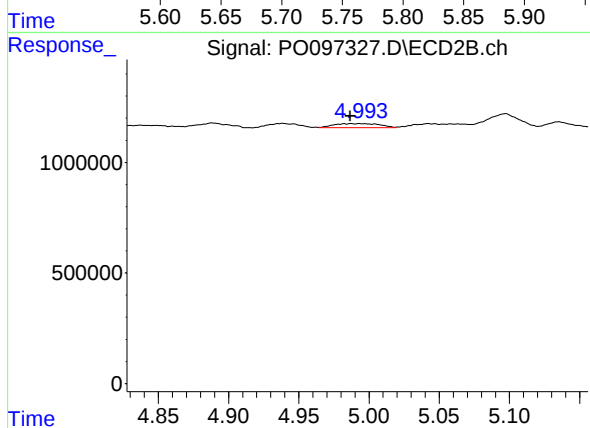
#13 AR-1232-3

R.T.: 4.888 min
Delta R.T.: -0.014 min
Response: 249678
Conc: 16.47 ng/ml



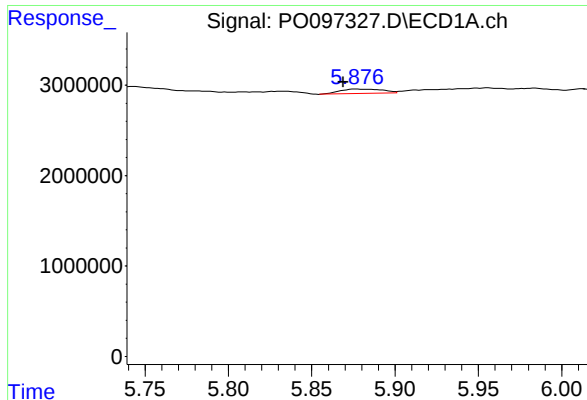
#14 AR-1232-4

R.T.: 5.743 min
Delta R.T.: -0.033 min
Response: 708883
Conc: 23.23 ng/ml



#14 AR-1232-4

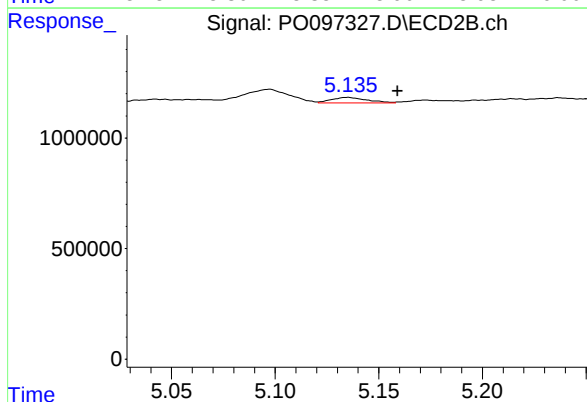
R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 418929
Conc: 28.03 ng/ml



#15 AR-1232-5

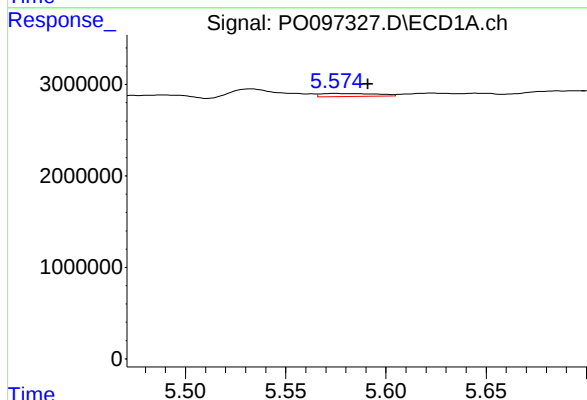
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 889594
Conc: 31.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



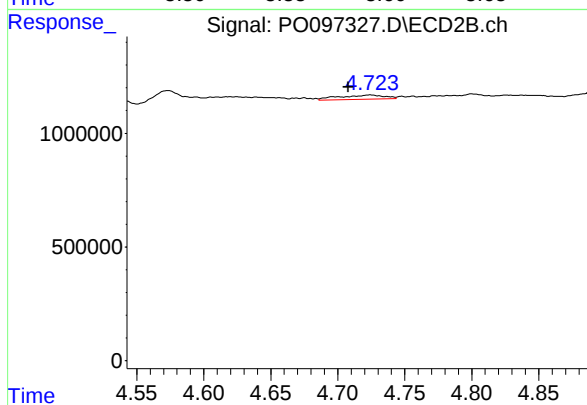
#15 AR-1232-5

R.T.: 5.135 min
Delta R.T.: -0.024 min
Response: 298793
Conc: 18.28 ng/ml



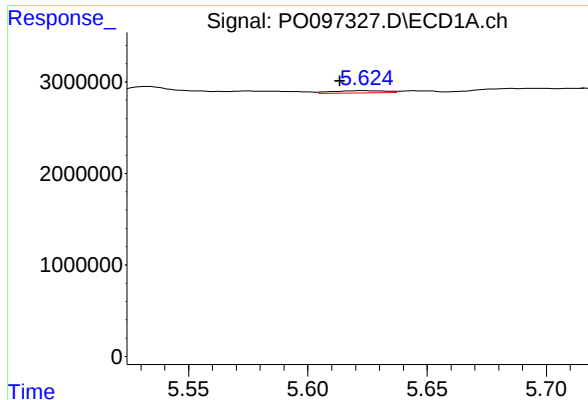
#16 AR-1242-1

R.T.: 5.575 min
Delta R.T.: -0.016 min
Response: 642323
Conc: 7.66 ng/ml



#16 AR-1242-1

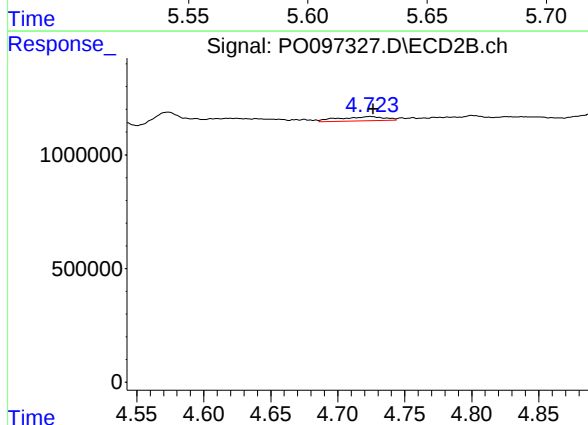
R.T.: 4.724 min
Delta R.T.: 0.016 min
Response: 458731
Conc: 11.64 ng/ml



#17 AR-1242-2

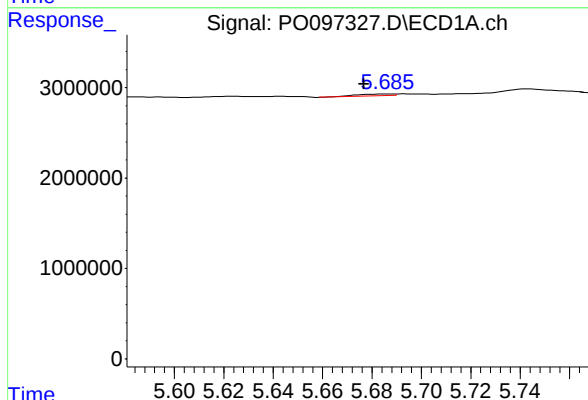
R.T.: 5.624 min
Delta R.T.: 0.010 min
Response: 371405
Conc: 3.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



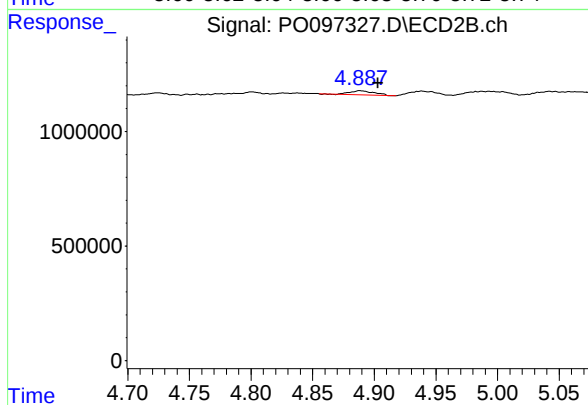
#17 AR-1242-2

R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 458731
Conc: 8.42 ng/ml



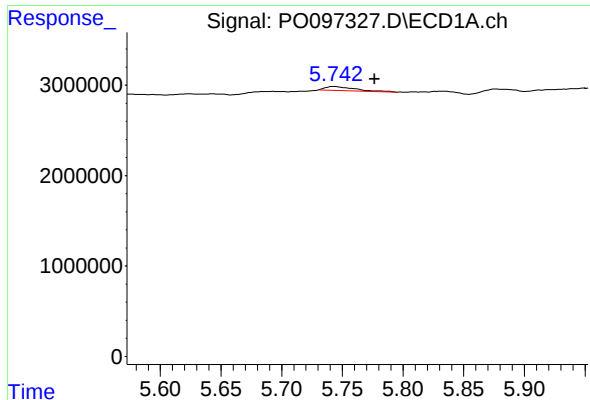
#18 AR-1242-3

R.T.: 5.686 min
Delta R.T.: 0.009 min
Response: 205737
Conc: 2.79 ng/ml



#18 AR-1242-3

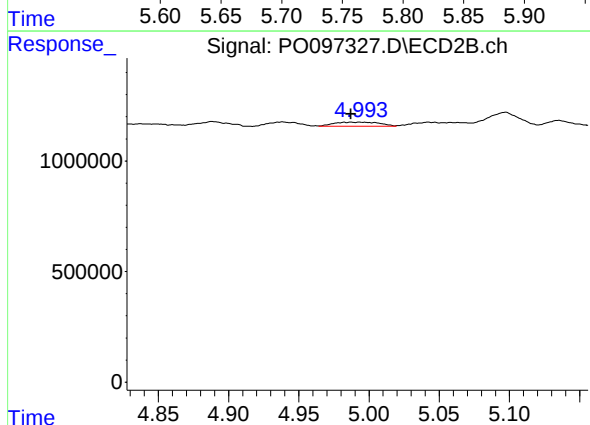
R.T.: 4.888 min
Delta R.T.: -0.015 min
Response: 249678
Conc: 8.44 ng/ml



#19 AR-1242-4

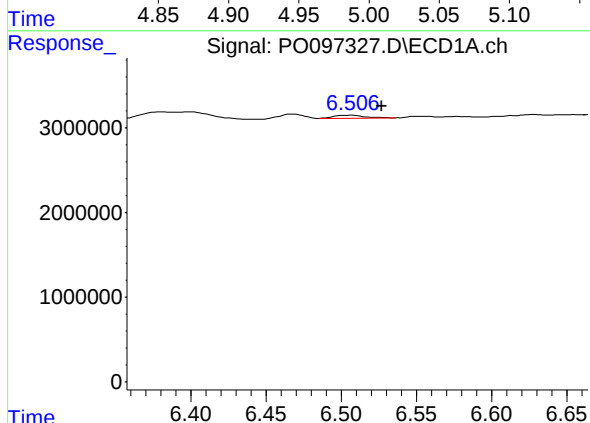
R.T.: 5.743 min
Delta R.T.: -0.033 min
Response: 708883
Conc: 11.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



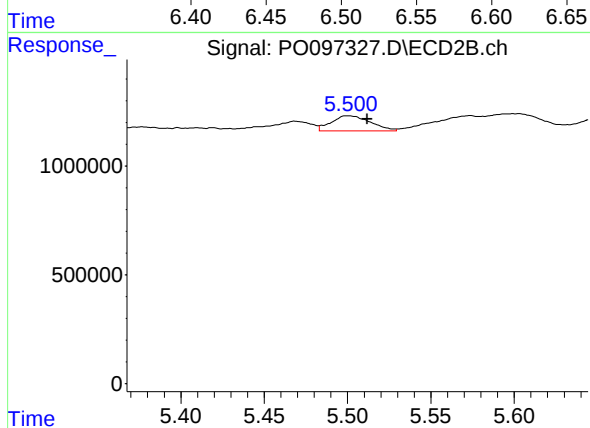
#19 AR-1242-4

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 418929
Conc: 13.29 ng/ml



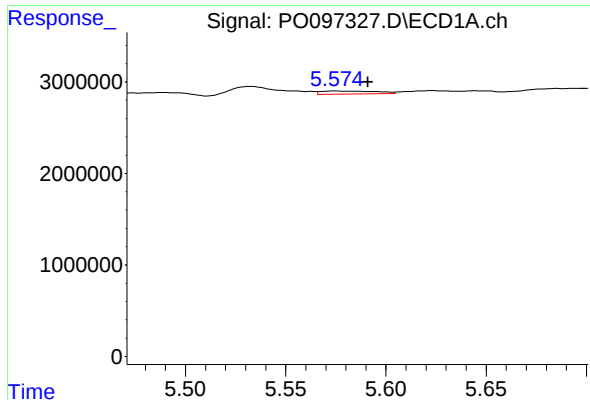
#20 AR-1242-5

R.T.: 6.507 min
Delta R.T.: -0.020 min
Response: 516927
Conc: 9.40 ng/ml



#20 AR-1242-5

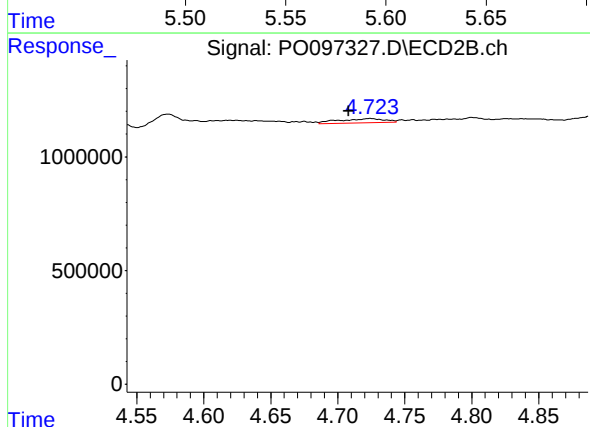
R.T.: 5.500 min
Delta R.T.: -0.012 min
Response: 1129015
Conc: 30.99 ng/ml



#21 AR-1248-1

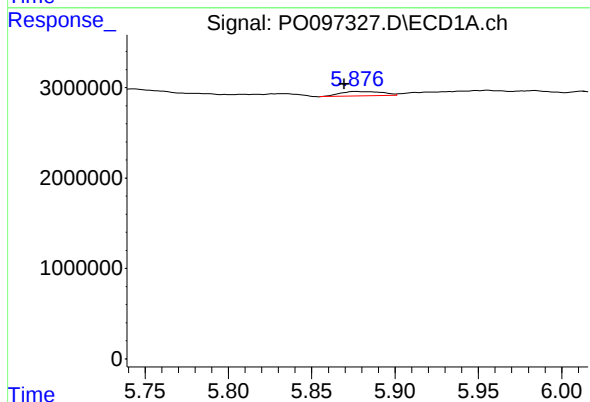
R.T.: 5.575 min
Delta R.T.: -0.016 min
Response: 642323
Conc: 10.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



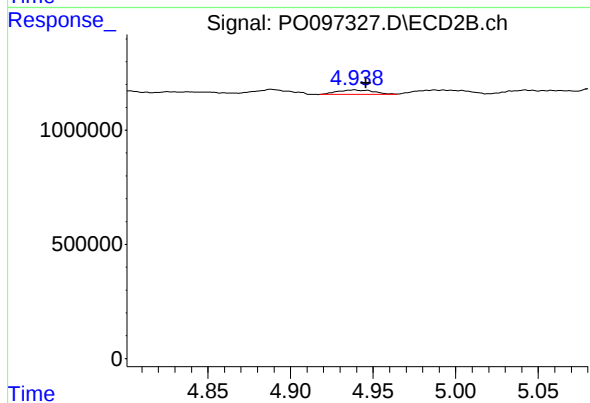
#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: 0.016 min
Response: 458731
Conc: 16.35 ng/ml



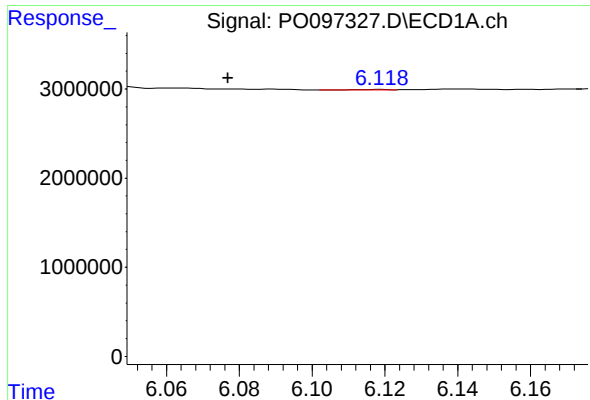
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 889594
Conc: 9.46 ng/ml



#22 AR-1248-2

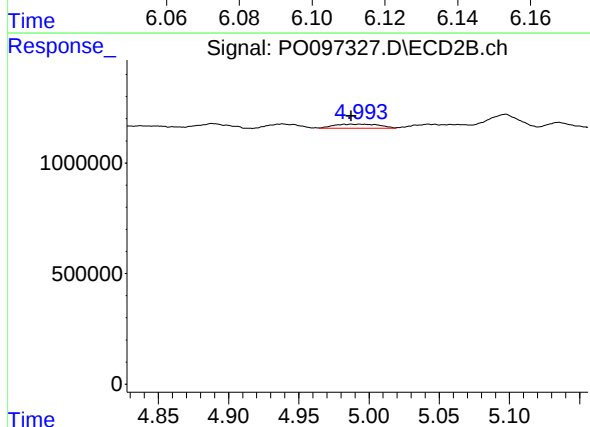
R.T.: 4.939 min
Delta R.T.: -0.007 min
Response: 306838
Conc: 7.24 ng/ml



#23 AR-1248-3

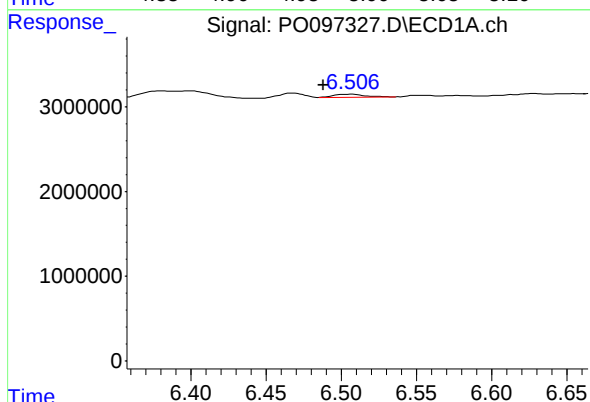
R.T.: 6.119 min
Delta R.T.: 0.042 min
Response: 38883
Conc: 0.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



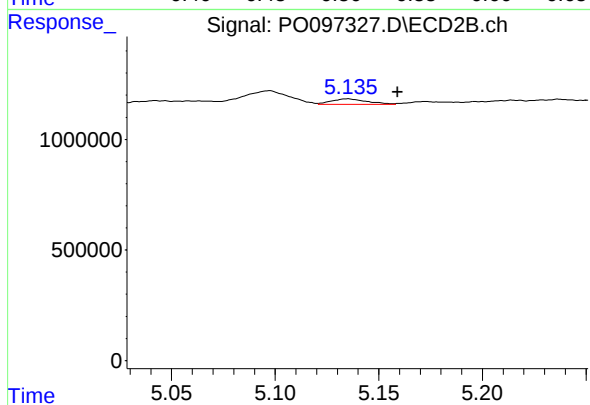
#23 AR-1248-3

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 418929
Conc: 9.55 ng/ml



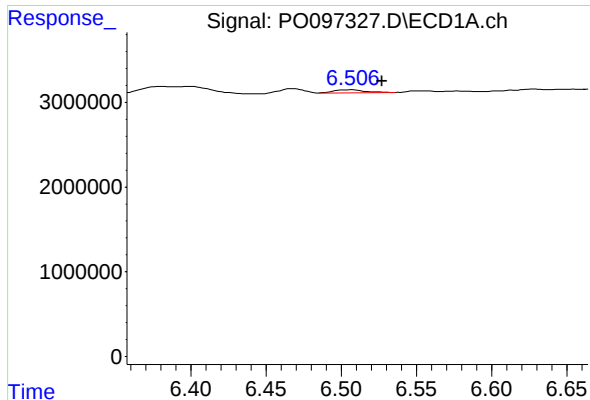
#24 AR-1248-4

R.T.: 6.507 min
Delta R.T.: 0.019 min
Response: 516927
Conc: 5.69 ng/ml



#24 AR-1248-4

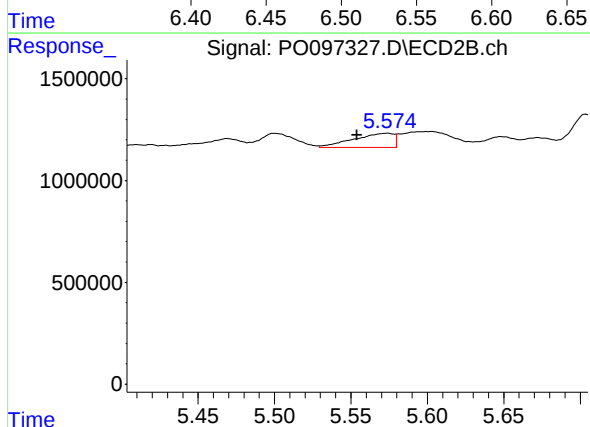
R.T.: 5.135 min
Delta R.T.: -0.024 min
Response: 298793
Conc: 5.85 ng/ml



#25 AR-1248-5

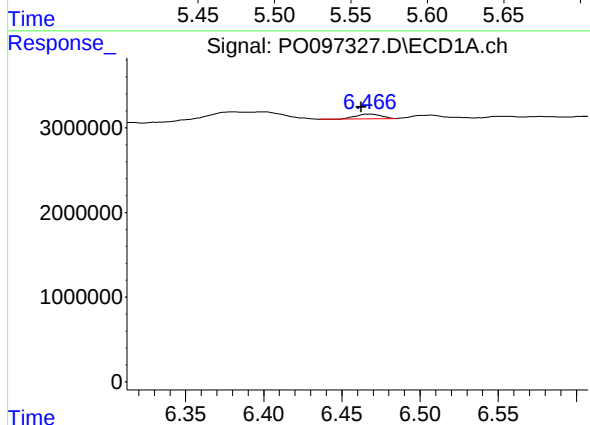
R.T.: 6.507 min
Delta R.T.: -0.020 min
Response: 516927
Conc: 5.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



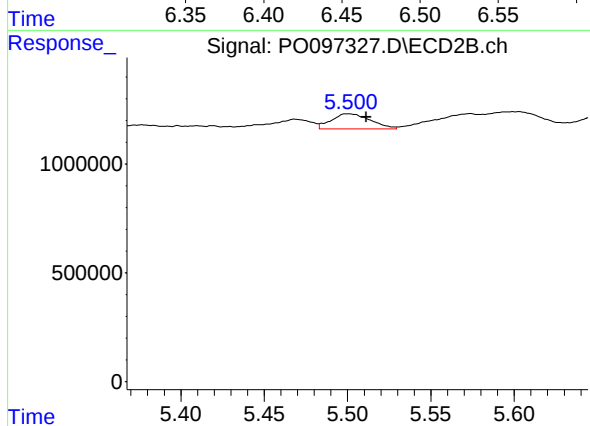
#25 AR-1248-5

R.T.: 5.574 min
Delta R.T.: 0.020 min
Response: 1274554
Conc: 27.26 ng/ml



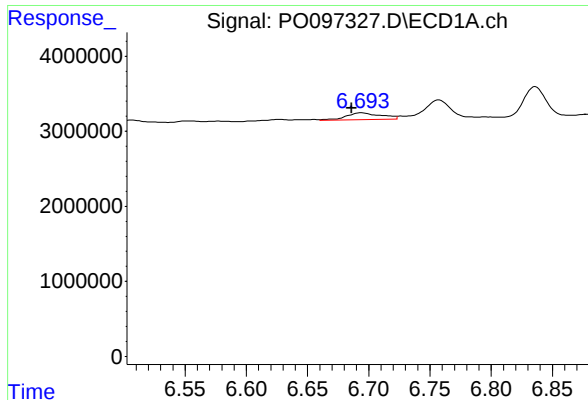
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: 0.005 min
Response: 592054
Conc: 5.42 ng/ml



#26 AR-1254-1

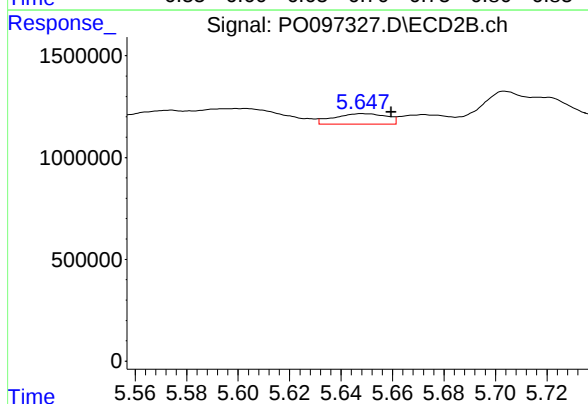
R.T.: 5.500 min
Delta R.T.: -0.011 min
Response: 1129015
Conc: 15.30 ng/ml



#27 AR-1254-2

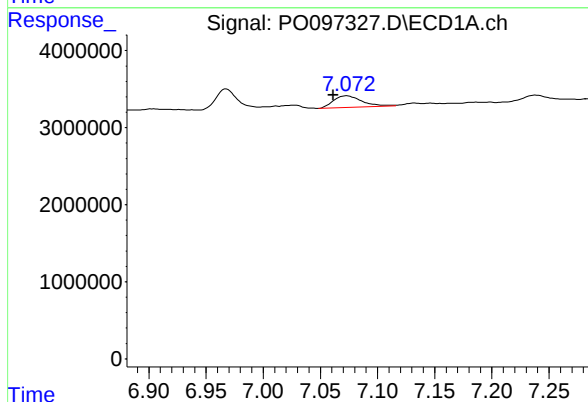
R.T.: 6.694 min
Delta R.T.: 0.008 min
Response: 1737333
Conc: 10.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



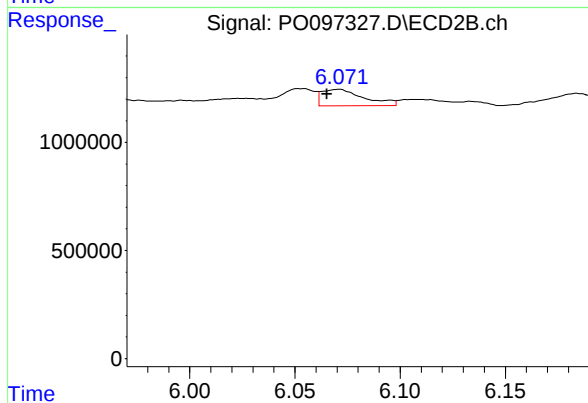
#27 AR-1254-2

R.T.: 5.648 min
Delta R.T.: -0.011 min
Response: 738792
Conc: 11.21 ng/ml



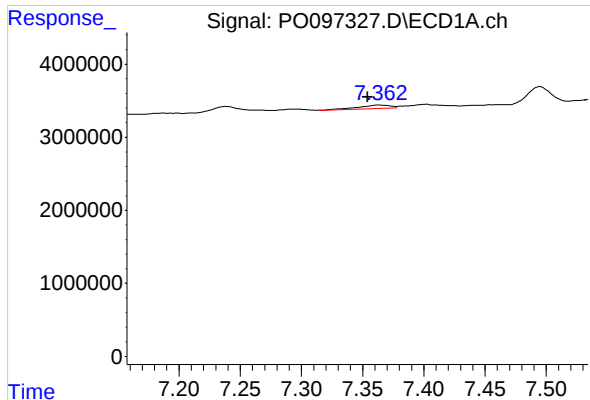
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.012 min
Response: 2640936
Conc: 16.85 ng/ml



#28 AR-1254-3

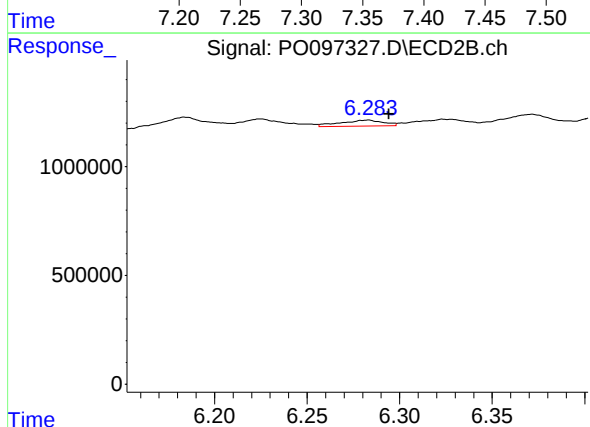
R.T.: 6.071 min
Delta R.T.: 0.006 min
Response: 1064983
Conc: 10.54 ng/ml



#29 AR-1254-4

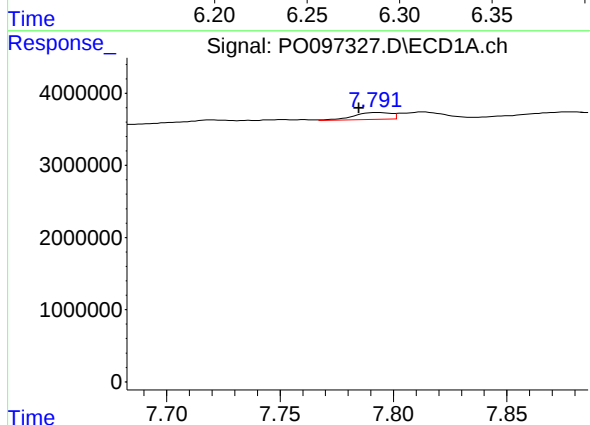
R.T.: 7.363 min
Delta R.T.: 0.009 min
Response: 880173
Conc: 8.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



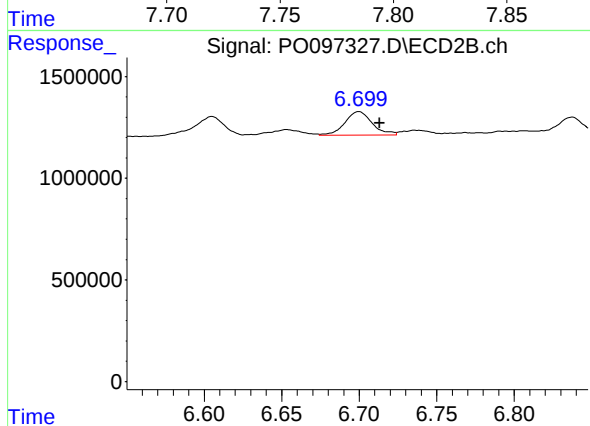
#29 AR-1254-4

R.T.: 6.283 min
Delta R.T.: -0.011 min
Response: 444078
Conc: 7.67 ng/ml



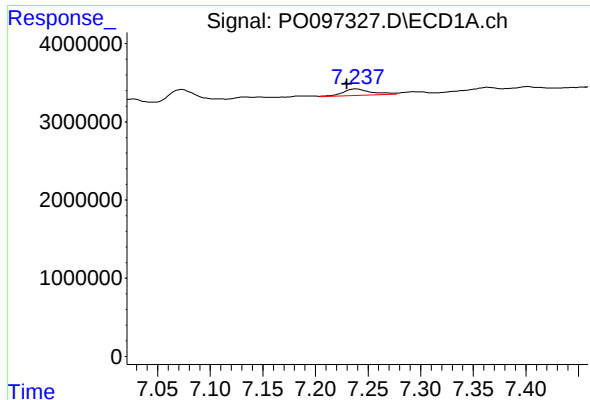
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.008 min
Response: 1118407
Conc: 9.97 ng/ml



#30 AR-1254-5

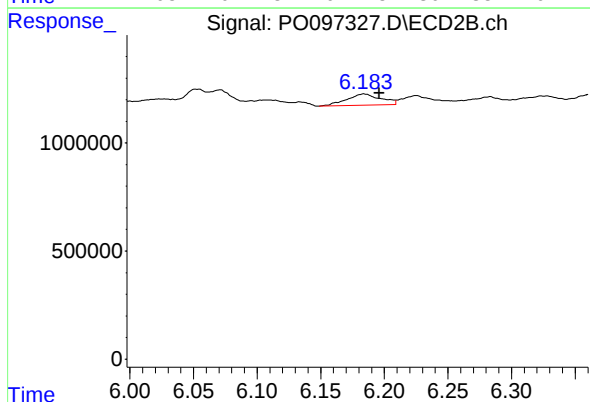
R.T.: 6.700 min
Delta R.T.: -0.013 min
Response: 1420003
Conc: 16.15 ng/ml



#31 AR-1260-1

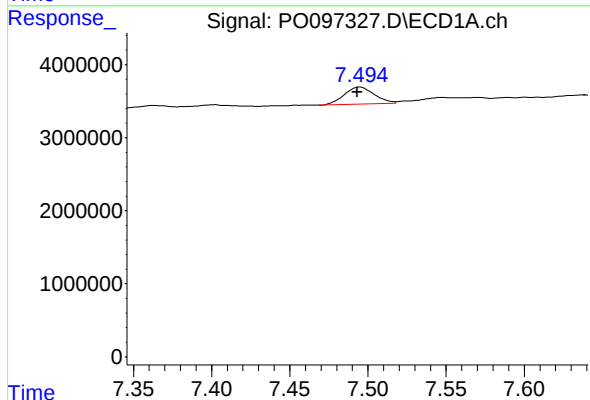
R.T.: 7.239 min
Delta R.T.: 0.009 min
Response: 1636682
Conc: 13.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



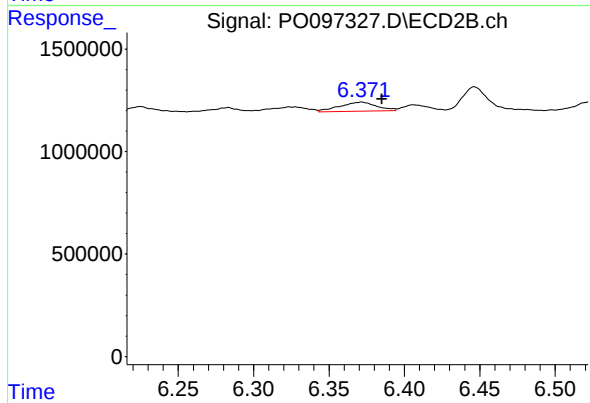
#31 AR-1260-1

R.T.: 6.184 min
Delta R.T.: -0.012 min
Response: 968452
Conc: 13.76 ng/ml



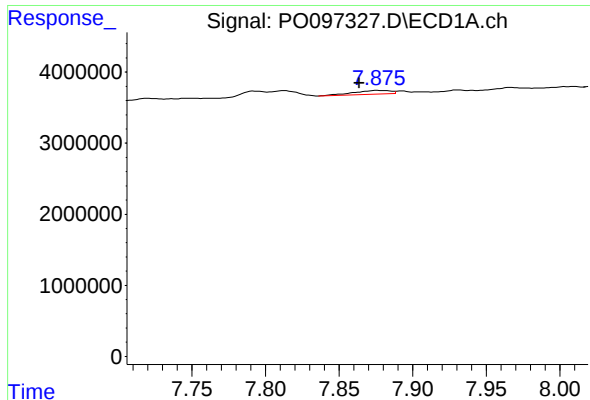
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: 0.002 min
Response: 3108293
Conc: 23.07 ng/ml



#32 AR-1260-2

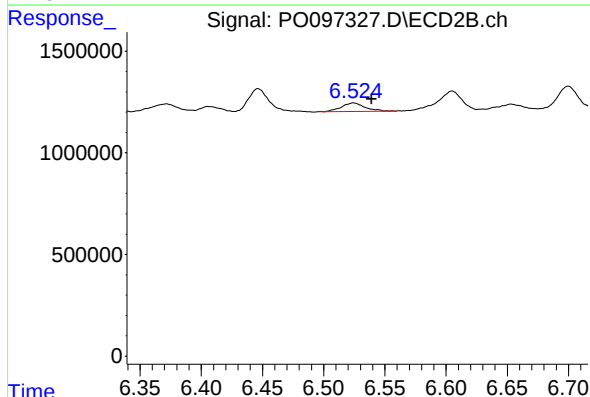
R.T.: 6.371 min
Delta R.T.: -0.014 min
Response: 756519
Conc: 9.06 ng/ml



#33 AR-1260-3

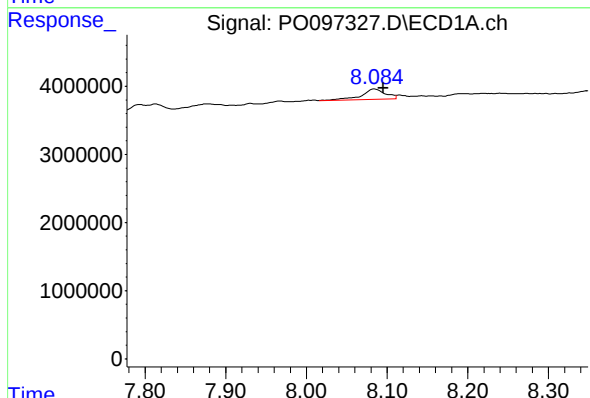
R.T.: 7.876 min
Delta R.T.: 0.012 min
Response: 868387
Conc: 8.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



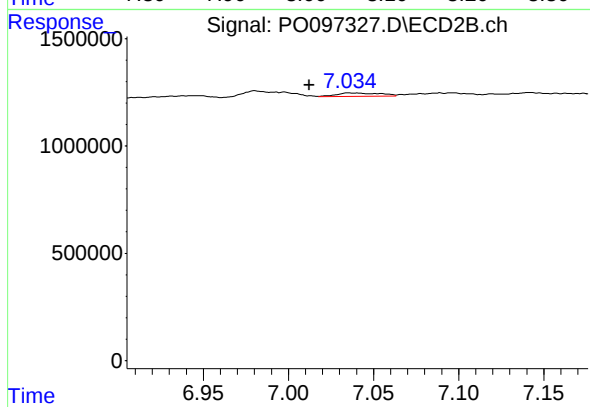
#33 AR-1260-3

R.T.: 6.524 min
Delta R.T.: -0.015 min
Response: 552066
Conc: 7.15 ng/ml



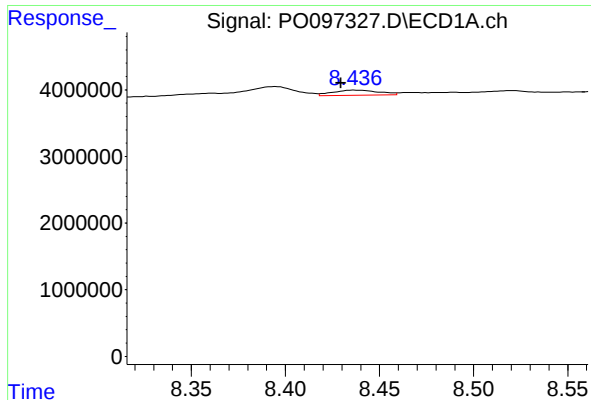
#34 AR-1260-4

R.T.: 8.085 min
Delta R.T.: -0.011 min
Response: 3097699
Conc: 27.71 ng/ml



#34 AR-1260-4

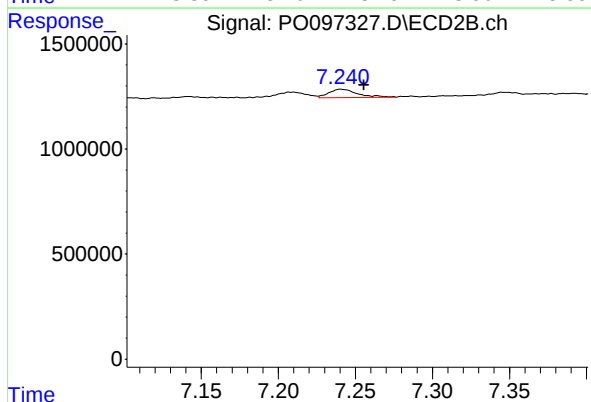
R.T.: 7.035 min
Delta R.T.: 0.023 min
Response: 290347
Conc: 4.53 ng/ml



#35 AR-1260-5

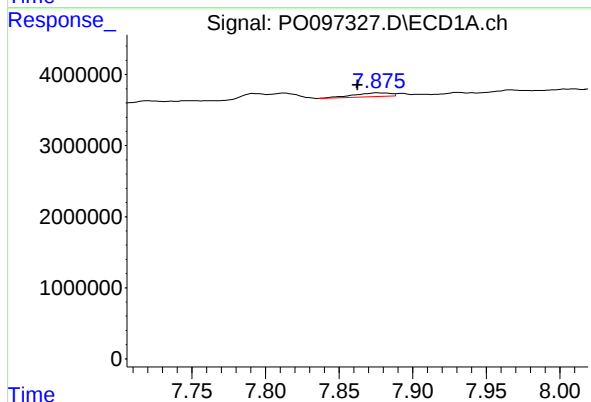
R.T.: 8.437 min
Delta R.T.: 0.008 min
Response: 1313343
Conc: 6.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



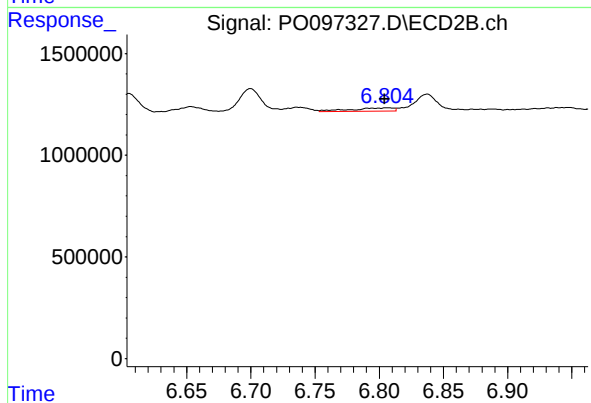
#35 AR-1260-5

R.T.: 7.241 min
Delta R.T.: -0.015 min
Response: 499141
Conc: 3.60 ng/ml



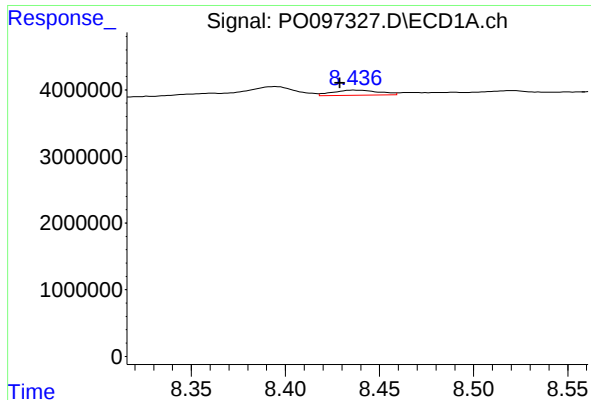
#36 AR-1262-1

R.T.: 7.876 min
Delta R.T.: 0.013 min
Response: 868387
Conc: 5.85 ng/ml



#36 AR-1262-1

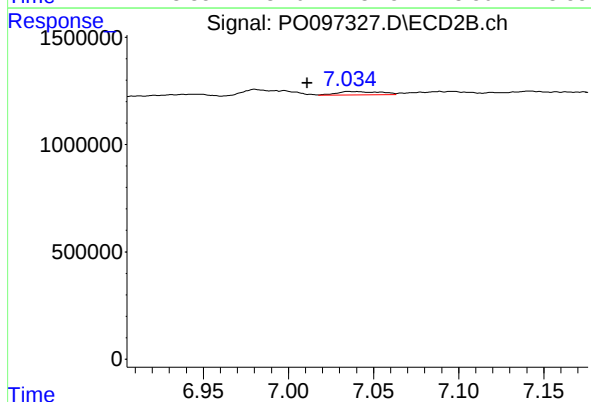
R.T.: 6.806 min
Delta R.T.: 0.002 min
Response: 368376
Conc: 9.36 ng/ml



#37 AR-1262-2

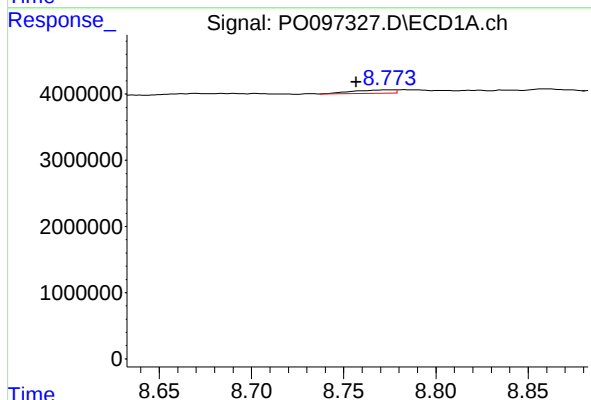
R.T.: 8.437 min
Delta R.T.: 0.008 min
Response: 1313343
Conc: 5.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



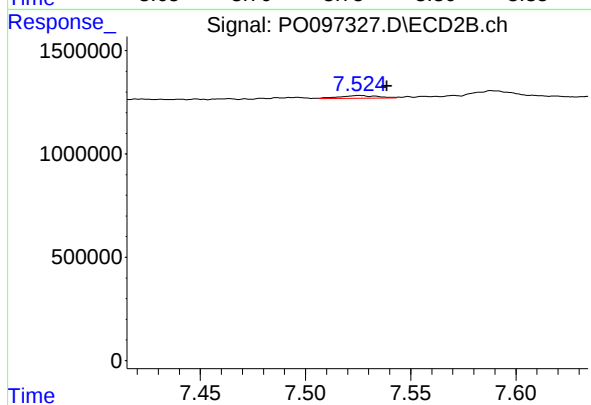
#37 AR-1262-2

R.T.: 7.035 min
Delta R.T.: 0.024 min
Response: 290347
Conc: 3.58 ng/ml



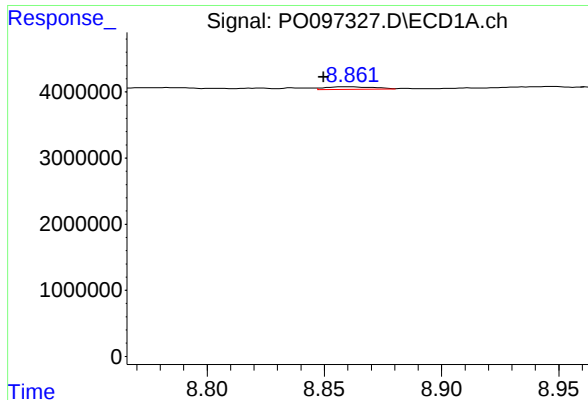
#38 AR-1262-3

R.T.: 8.774 min
Delta R.T.: 0.018 min
Response: 813346
Conc: 4.88 ng/ml



#38 AR-1262-3

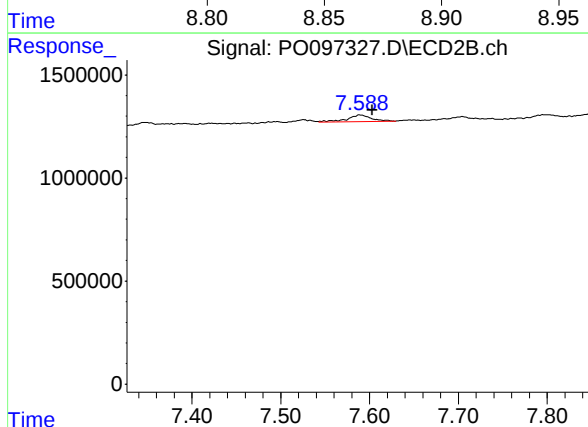
R.T.: 7.526 min
Delta R.T.: -0.013 min
Response: 170302
Conc: 2.65 ng/ml



#39 AR-1262-4

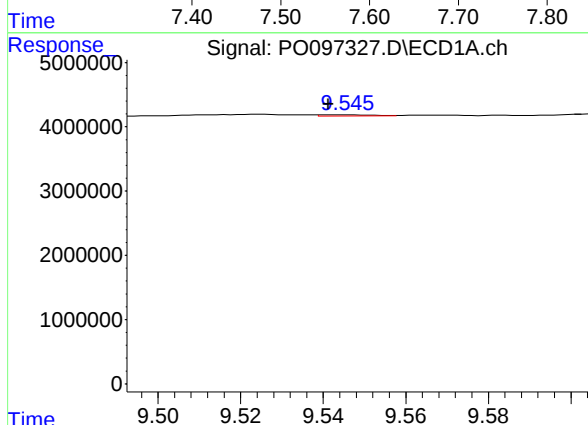
R.T.: 8.861 min
Delta R.T.: 0.012 min
Response: 555073
Conc: 7.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



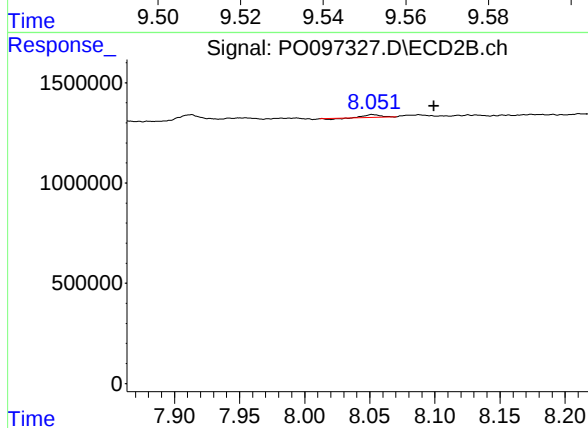
#39 AR-1262-4

R.T.: 7.589 min
Delta R.T.: -0.014 min
Response: 629775
Conc: 5.54 ng/ml



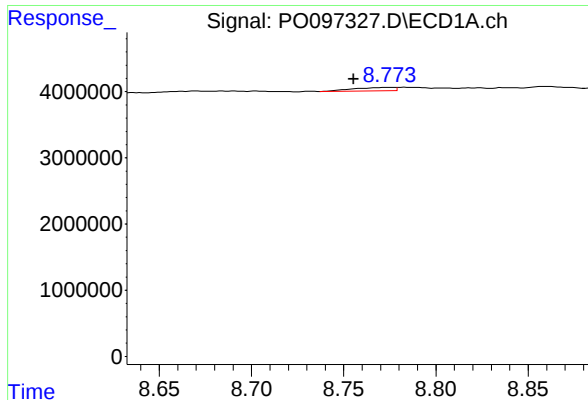
#40 AR-1262-5

R.T.: 9.545 min
Delta R.T.: 0.004 min
Response: 153513
Conc: 1.84 ng/ml



#40 AR-1262-5

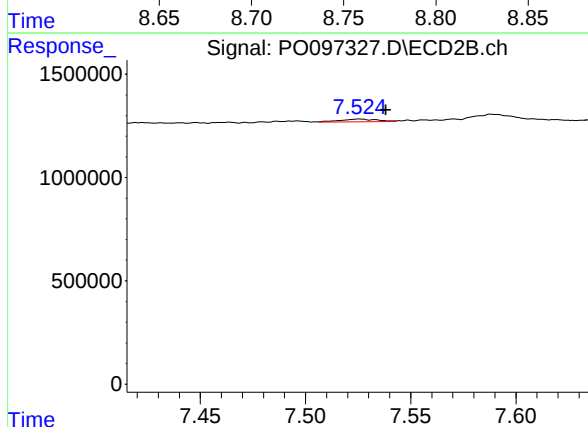
R.T.: 8.052 min
Delta R.T.: -0.047 min
Response: 95089
Conc: 1.81 ng/ml



#41 AR-1268-1

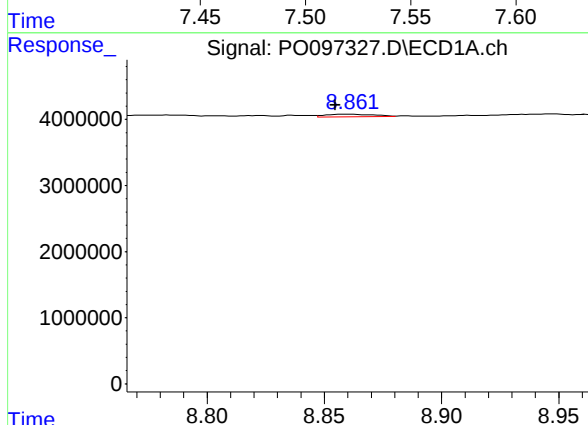
R.T.: 8.774 min
Delta R.T.: 0.019 min
Response: 813346
Conc: 2.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



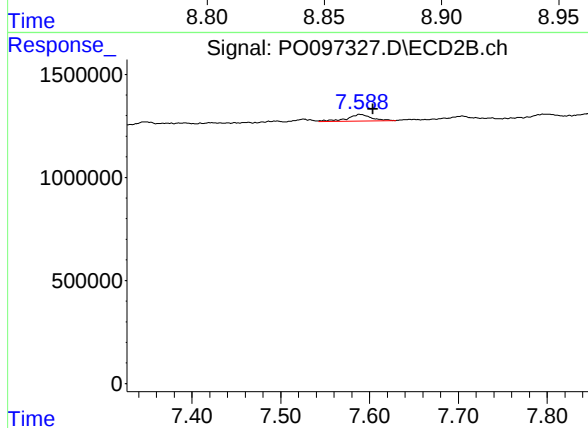
#41 AR-1268-1

R.T.: 7.526 min
Delta R.T.: -0.013 min
Response: 170302
Conc: 0.92 ng/ml



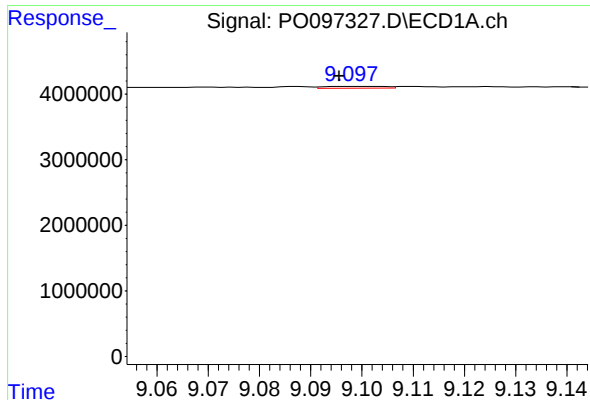
#42 AR-1268-2

R.T.: 8.861 min
Delta R.T.: 0.007 min
Response: 555073
Conc: 2.02 ng/ml



#42 AR-1268-2

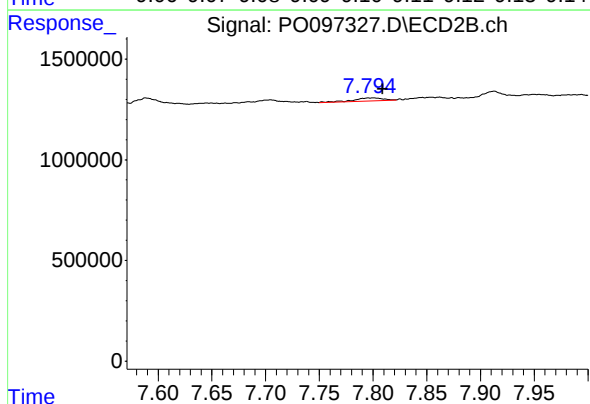
R.T.: 7.589 min
Delta R.T.: -0.015 min
Response: 629775
Conc: 3.76 ng/ml



#43 AR-1268-3

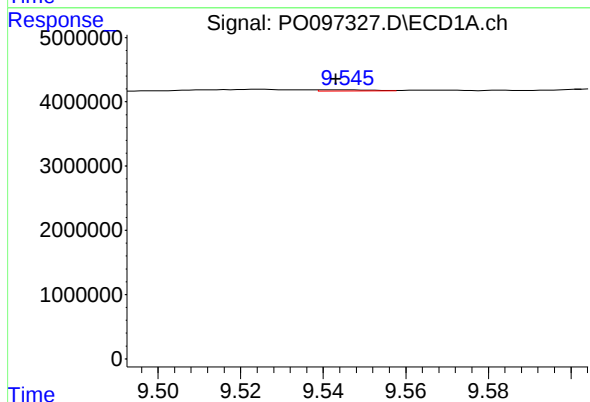
R.T.: 9.098 min
Delta R.T.: 0.003 min
Response: 224199
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



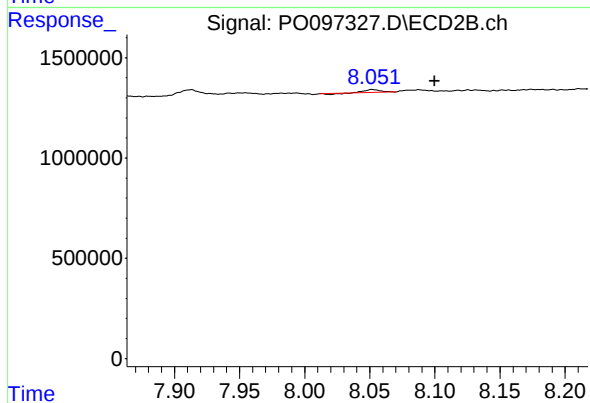
#43 AR-1268-3

R.T.: 7.800 min
Delta R.T.: -0.009 min
Response: 280394
Conc: 1.94 ng/ml



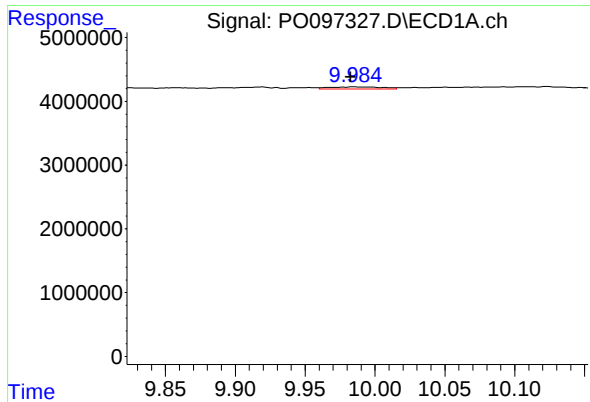
#44 AR-1268-4

R.T.: 9.545 min
Delta R.T.: 0.002 min
Response: 153513
Conc: 1.66 ng/ml



#44 AR-1268-4

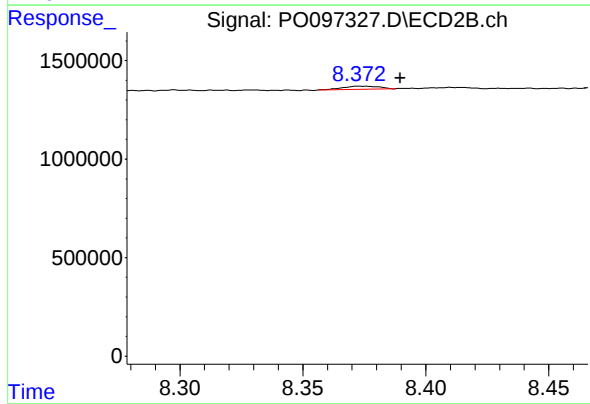
R.T.: 8.052 min
Delta R.T.: -0.048 min
Response: 95089
Conc: 1.60 ng/ml



#45 AR-1268-5

R.T.: 9.985 min
Delta R.T.: 0.002 min
Response: 857204
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.373 min
Delta R.T.: -0.016 min
Response: 161473
Conc: 0.39 ng/ml