

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111523\
 Data File : P0099806.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2023 20:36
 Operator : YP/AJ
 Sample : 05408-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 00:12:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.717	32496975	24538728	19.003	20.774
2) SA Decachlor...	10.368	8.817	19730504	18365057	21.132	18.710
Target Compounds						
3) L1 AR-1016-1	5.673	4.829	309641	348738	6.999	13.092 #
4) L1 AR-1016-2	5.707	4.859	419109	313956	6.139	8.467 #
5) L1 AR-1016-3	5.767	5.022	714504	483847	15.633	24.505 #
6) L1 AR-1016-4	5.874	5.070	169400	465307	4.908	27.608 #
7) L1 AR-1016-5	6.174	5.269	42512	104289	1.274	5.230 #
8) L2 AR-1221-1	4.699	3.942	2744225	386997	130.694	25.629 #
9) L2 AR-1221-2	4.800	4.005	486608	1800904	31.680	170.428 #
10) L2 AR-1221-3	4.900	4.095	660754	120506	14.670	3.956 #
11) L3 AR-1232-1	4.900	4.095	660754	120506	17.886	4.702 #
12) L3 AR-1232-2	5.404	4.859	420515	313956	22.840	17.624
13) L3 AR-1232-3	5.694	5.022	361050	483847	11.439	52.783 #
14) L3 AR-1232-4	5.874	5.120	169400	375372	11.080	44.027 #
15) L3 AR-1232-5	5.957	5.269	306269	104289	23.827	11.366 #
16) L4 AR-1242-1	5.673	4.829	309641	348738	8.452	15.181 #
17) L4 AR-1242-2	5.694	4.859	361050	313956	6.374	9.994 #
18) L4 AR-1242-3	5.767	5.022	714504	483847	18.855	28.911 #
19) L4 AR-1242-4	5.874	5.120	169400	375372	5.907	21.724 #
20) L4 AR-1242-5	6.578	5.637	336622	1347717	13.696	67.743 #
21) L5 AR-1248-1	5.673	4.829	309641	348738	11.522	19.931 #
22) L5 AR-1248-2	5.957	5.070	306269	465307	7.209	19.359 #
23) L5 AR-1248-3	6.174	5.120	42512	375372	0.924	15.194 #
24) L5 AR-1248-4	6.578	5.269	336622	104289	8.115	3.694 #
25) L5 AR-1248-5	6.578	5.693	336622	870394	8.259	34.249 #
26) L6 AR-1254-1	6.531	5.637	508603	1347717	10.505	32.544 #
27) L6 AR-1254-2	6.763	5.785	905167	1147276	12.828	30.210 #
28) L6 AR-1254-3	7.137	6.211	938356	2373135	13.822	36.705 #
29) L6 AR-1254-4	7.419	6.421	183118	438551	4.620	12.798 #
30) L6 AR-1254-5	7.864	6.846	4486154	4089271	91.355	66.672 #
31) L7 AR-1260-1	7.300	6.327	434760	1395323	7.792	28.985 #
32) L7 AR-1260-2	7.550	6.513	2622759	619836	43.476	10.930 #
33) L7 AR-1260-3	7.923	6.672	297233	404463	7.111	7.317
34) L7 AR-1260-4	8.132	7.145	1241377	497567	25.207	11.290 #
35) L7 AR-1260-5	8.481	7.388	233283	783570	2.780	7.884 #
36) L8 AR-1262-1	7.864	6.846	4486154	4089271	100.113	125.675 #
37) L8 AR-1262-2	8.481	7.145	233283	497567	2.264	7.612 #
38) L8 AR-1262-3	8.814	7.676	448069	243405	6.108	4.735
39) L8 AR-1262-4	8.893	7.742	773194	753333	13.335	8.454 #
40) L8 AR-1262-5	9.582	8.245	381993	470064	11.670	12.061
41) L9 AR-1268-1	8.814	7.676	448069	243405	3.370	1.702 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111523\
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Integration File signal 1: autoint1.e
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 Quant Time: Nov 16 00:12:14 2023
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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

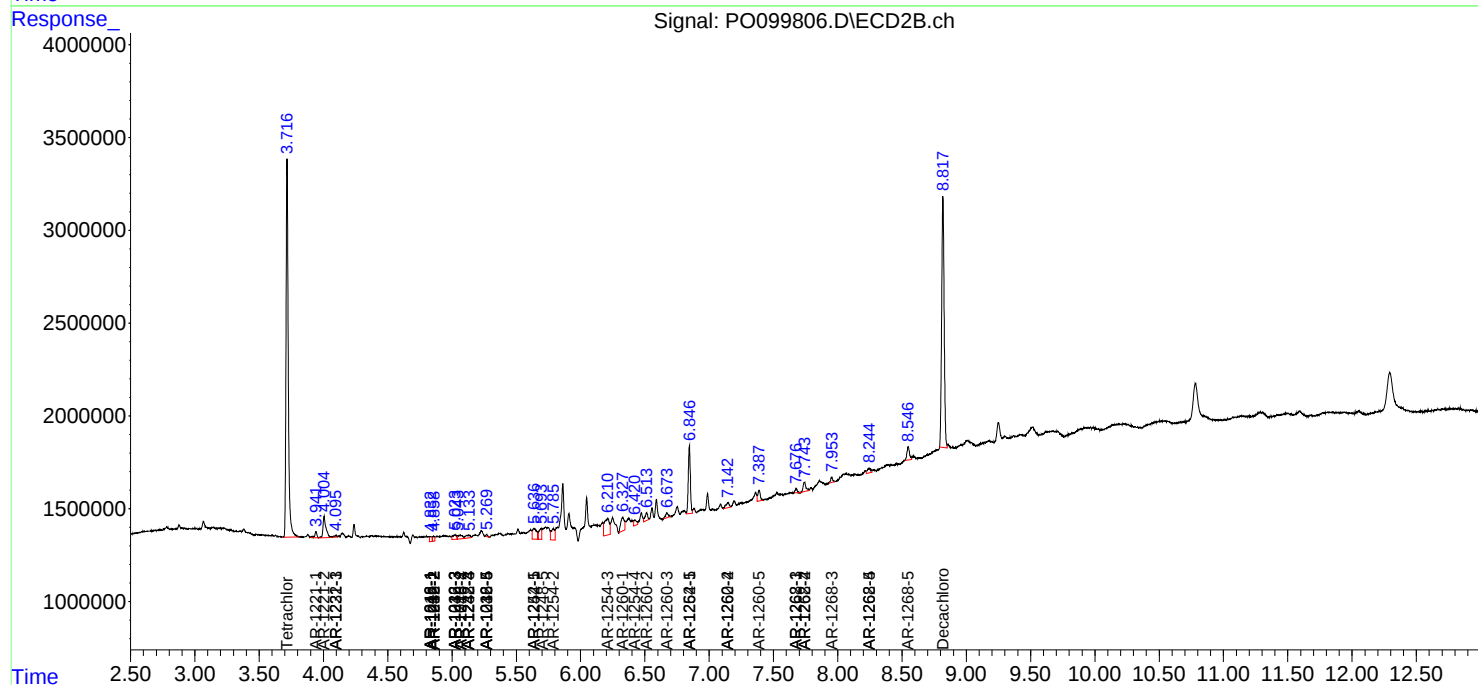
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

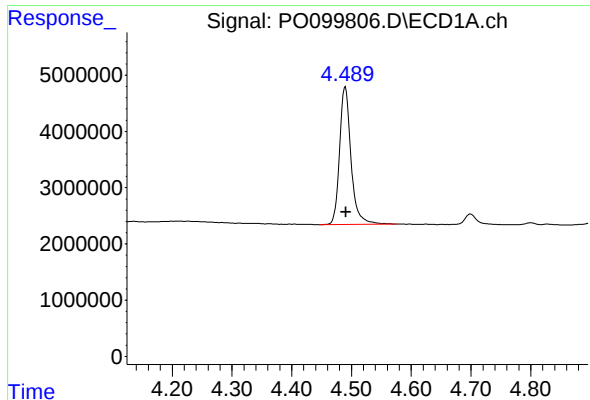
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.893	7.742	773194	753333	6.739	5.784
43) L9	AR-1268-3	9.137	7.954	258523	339832	2.373	2.793
44) L9	AR-1268-4	9.582	8.245	381993	470064	10.937	10.904
45) L9	AR-1268-5	10.012	8.548	1150174	1005197	3.594	2.892

(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

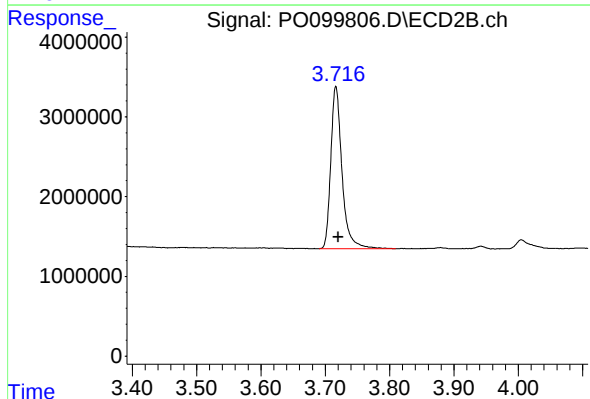




#1 Tetrachloro-m-xylene

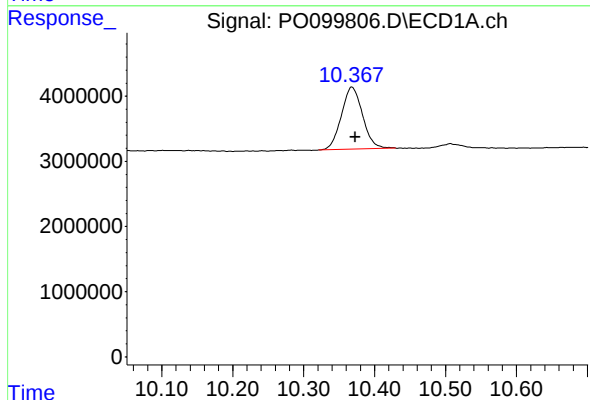
R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 32496975
Conc: 19.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



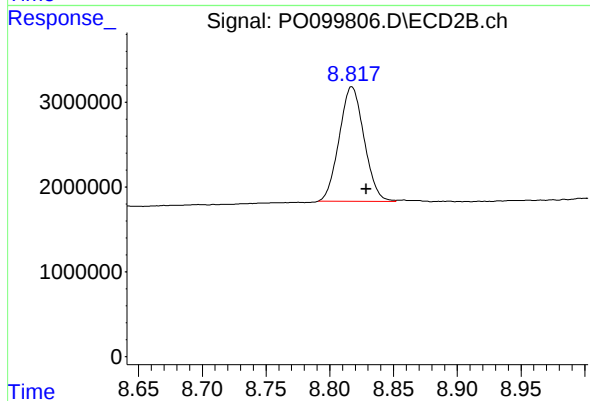
#1 Tetrachloro-m-xylene

R.T.: 3.717 min
Delta R.T.: -0.004 min
Response: 24538728
Conc: 20.77 ng/ml



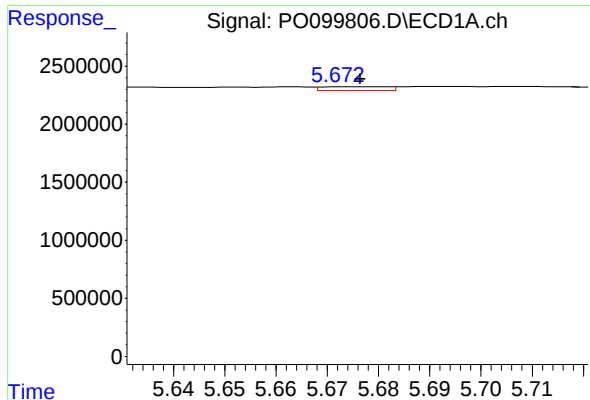
#2 Decachlorobiphenyl

R.T.: 10.368 min
Delta R.T.: -0.005 min
Response: 19730504
Conc: 21.13 ng/ml



#2 Decachlorobiphenyl

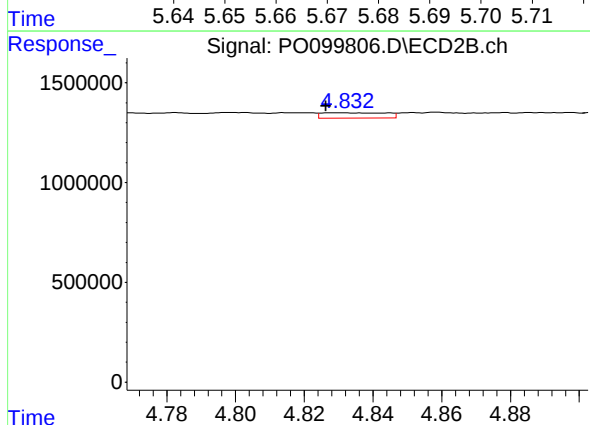
R.T.: 8.817 min
Delta R.T.: -0.011 min
Response: 18365057
Conc: 18.71 ng/ml



#3 AR-1016-1

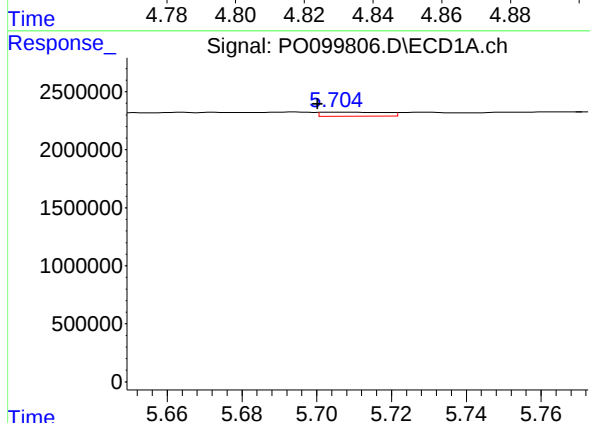
R.T.: 5.673 min
Delta R.T.: -0.003 min
Response: 309641
Conc: 7.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



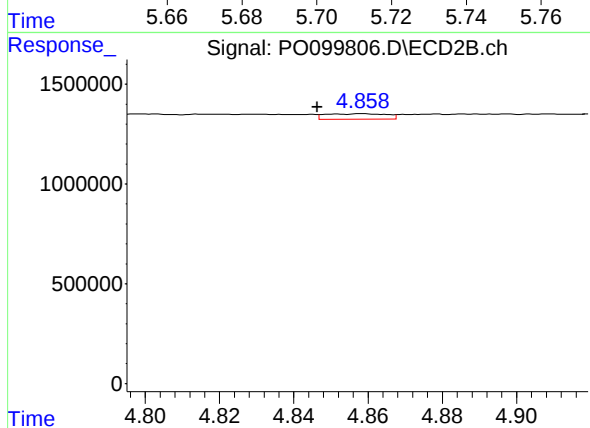
#3 AR-1016-1

R.T.: 4.829 min
Delta R.T.: 0.003 min
Response: 348738
Conc: 13.09 ng/ml



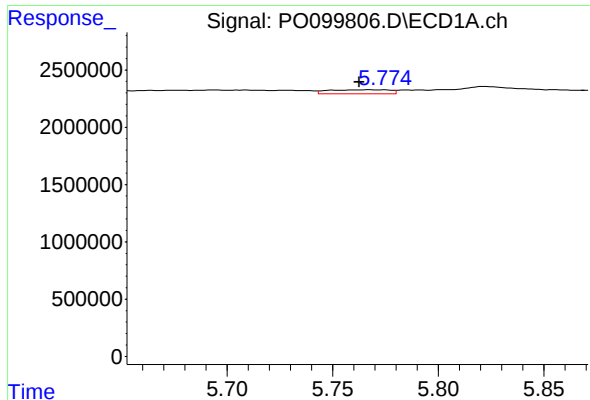
#4 AR-1016-2

R.T.: 5.707 min
Delta R.T.: 0.006 min
Response: 419109
Conc: 6.14 ng/ml



#4 AR-1016-2

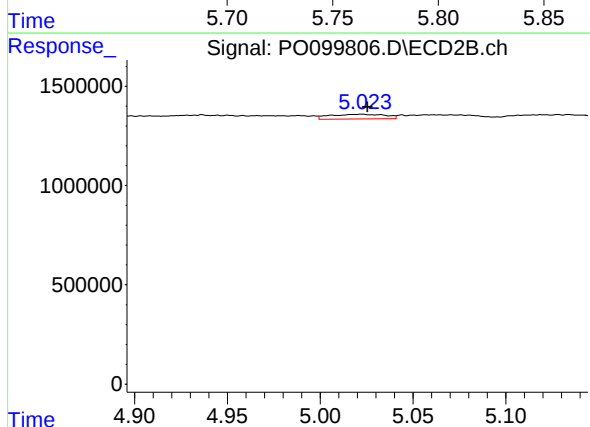
R.T.: 4.859 min
Delta R.T.: 0.012 min
Response: 313956
Conc: 8.47 ng/ml



#5 AR-1016-3

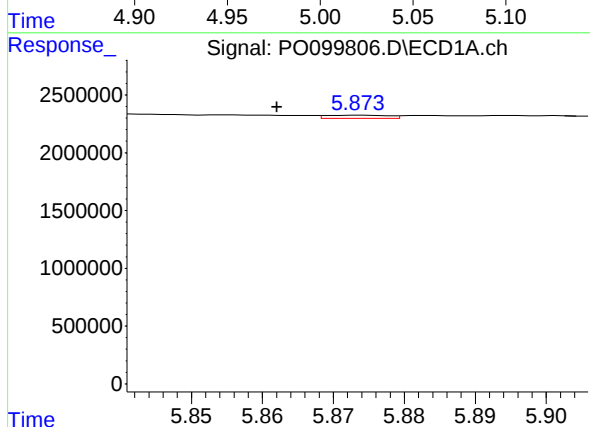
R.T.: 5.767 min
Delta R.T.: 0.005 min
Response: 714504
Conc: 15.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



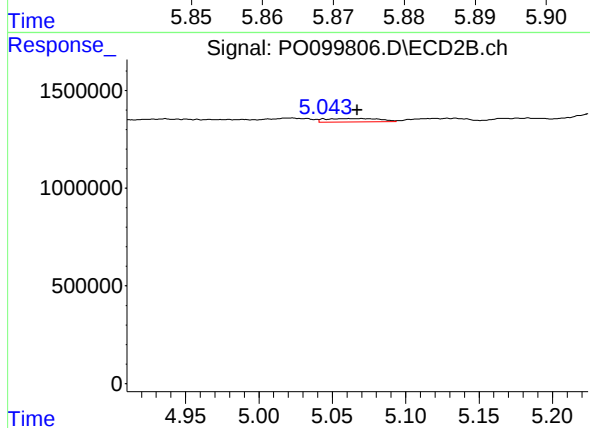
#5 AR-1016-3

R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 483847
Conc: 24.51 ng/ml



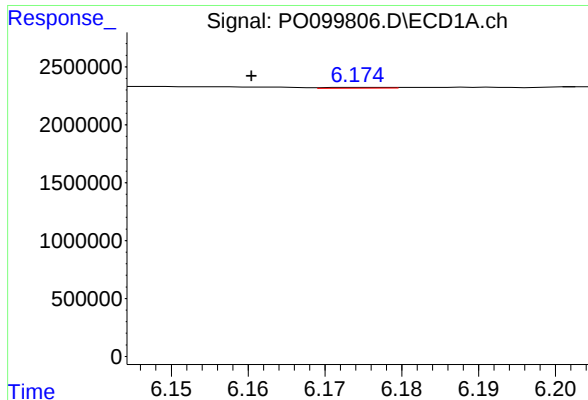
#6 AR-1016-4

R.T.: 5.874 min
Delta R.T.: 0.012 min
Response: 169400
Conc: 4.91 ng/ml



#6 AR-1016-4

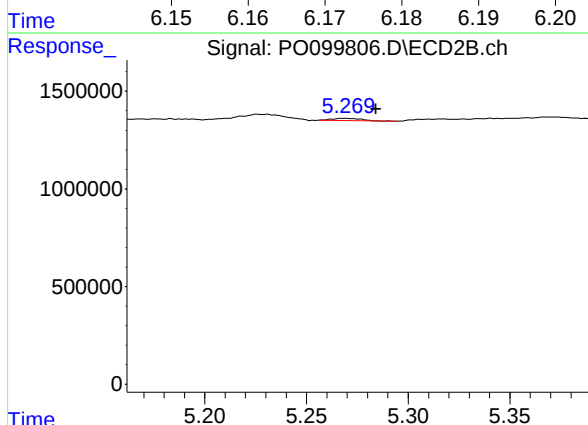
R.T.: 5.070 min
Delta R.T.: 0.003 min
Response: 465307
Conc: 27.61 ng/ml



#7 AR-1016-5

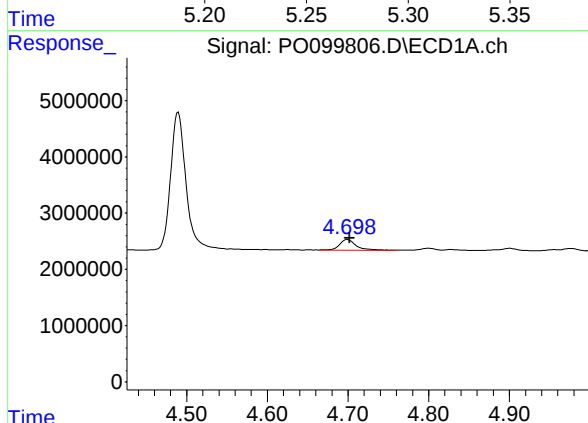
R.T.: 6.174 min
Delta R.T.: 0.014 min
Response: 42512
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



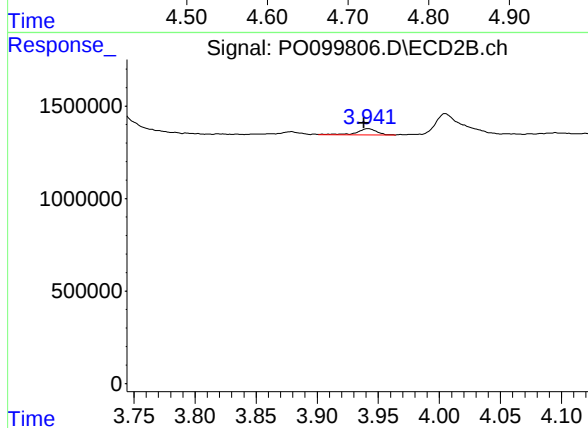
#7 AR-1016-5

R.T.: 5.269 min
Delta R.T.: -0.015 min
Response: 104289
Conc: 5.23 ng/ml



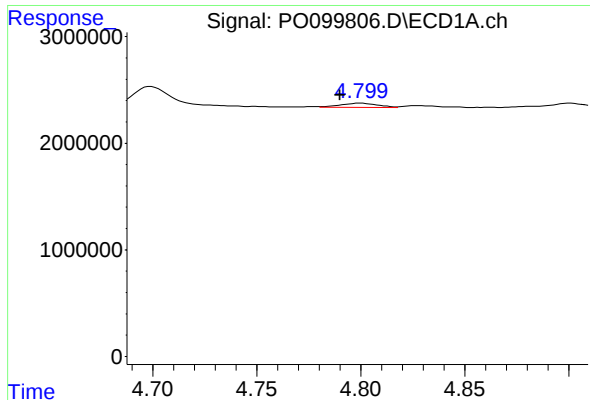
#8 AR-1221-1

R.T.: 4.699 min
Delta R.T.: -0.003 min
Response: 2744225
Conc: 130.69 ng/ml



#8 AR-1221-1

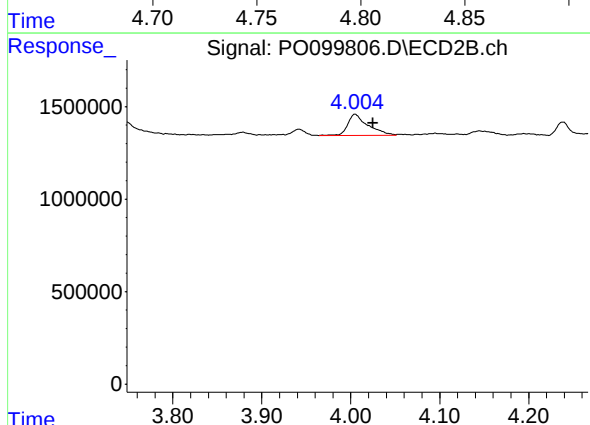
R.T.: 3.942 min
Delta R.T.: 0.004 min
Response: 386997
Conc: 25.63 ng/ml



#9 AR-1221-2

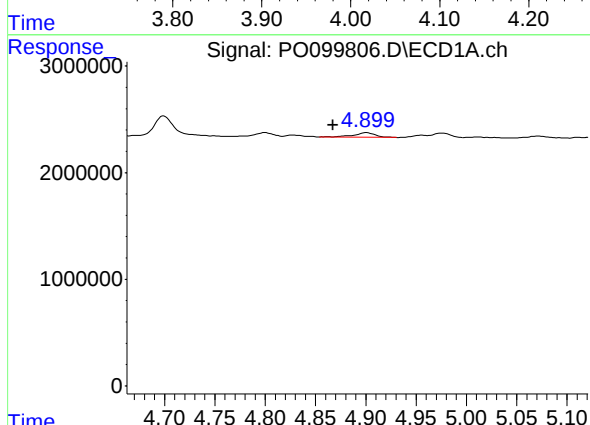
R.T.: 4.800 min
Delta R.T.: 0.010 min
Response: 486608
Conc: 31.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



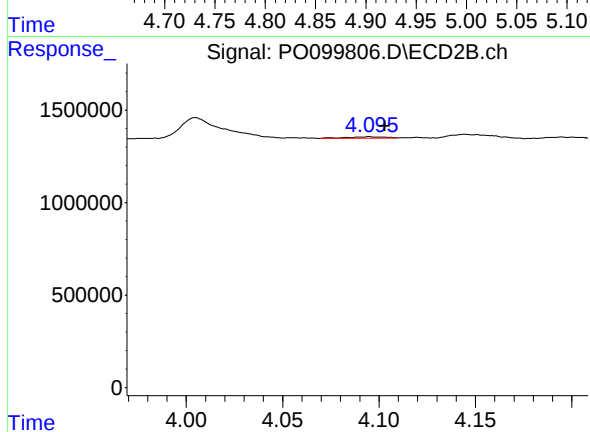
#9 AR-1221-2

R.T.: 4.005 min
Delta R.T.: -0.020 min
Response: 1800904
Conc: 170.43 ng/ml



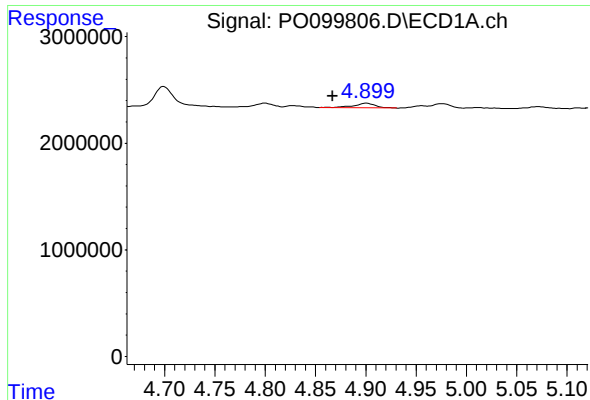
#10 AR-1221-3

R.T.: 4.900 min
Delta R.T.: 0.033 min
Response: 660754
Conc: 14.67 ng/ml



#10 AR-1221-3

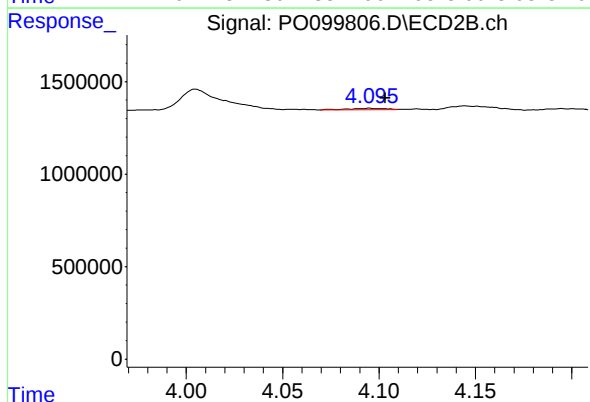
R.T.: 4.095 min
Delta R.T.: -0.008 min
Response: 120506
Conc: 3.96 ng/ml



#11 AR-1232-1

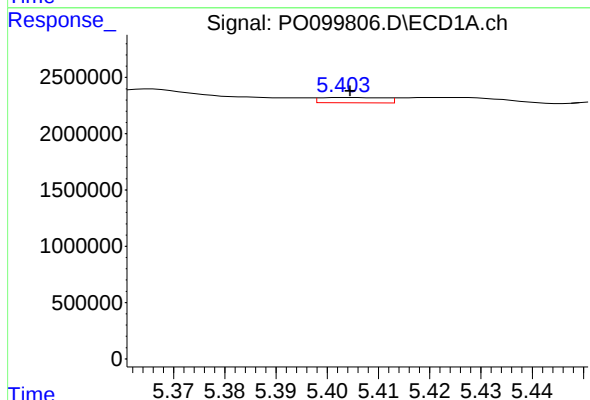
R.T.: 4.900 min
Delta R.T.: 0.033 min
Response: 660754
Conc: 17.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



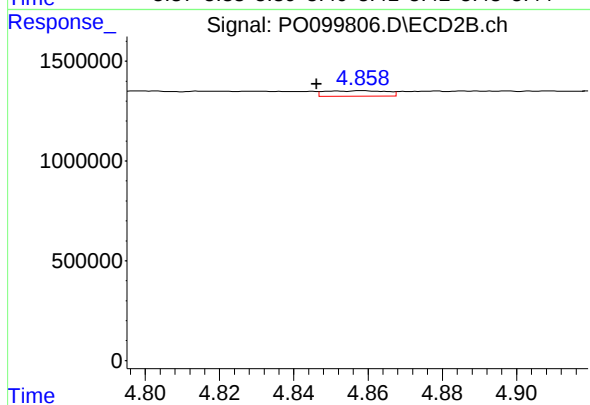
#11 AR-1232-1

R.T.: 4.095 min
Delta R.T.: -0.008 min
Response: 120506
Conc: 4.70 ng/ml



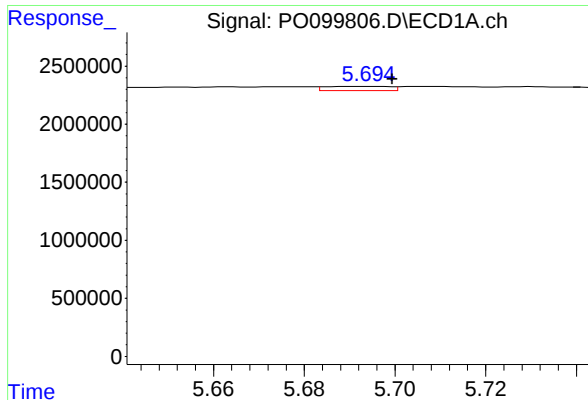
#12 AR-1232-2

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 420515
Conc: 22.84 ng/ml



#12 AR-1232-2

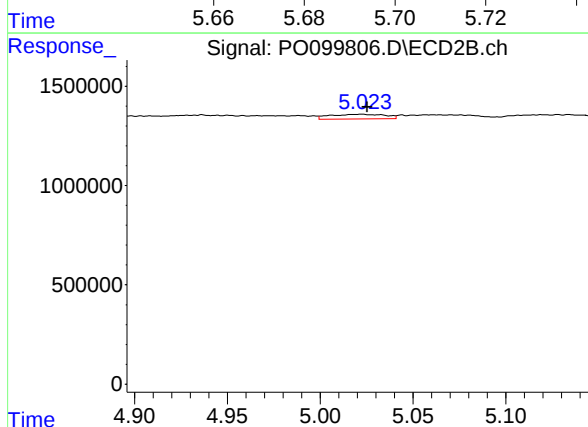
R.T.: 4.859 min
Delta R.T.: 0.012 min
Response: 313956
Conc: 17.62 ng/ml



#13 AR-1232-3

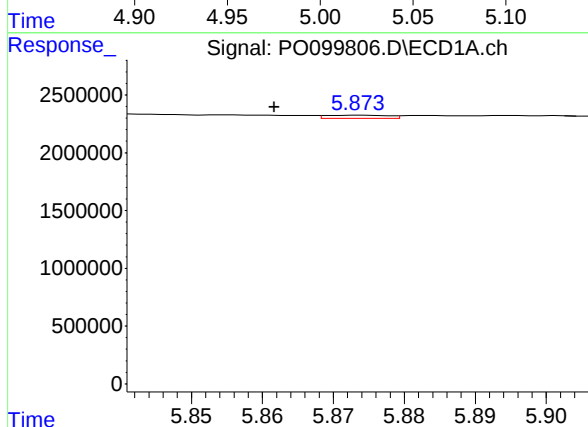
R.T.: 5.694 min
Delta R.T.: -0.005 min
Response: 361050
Conc: 11.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



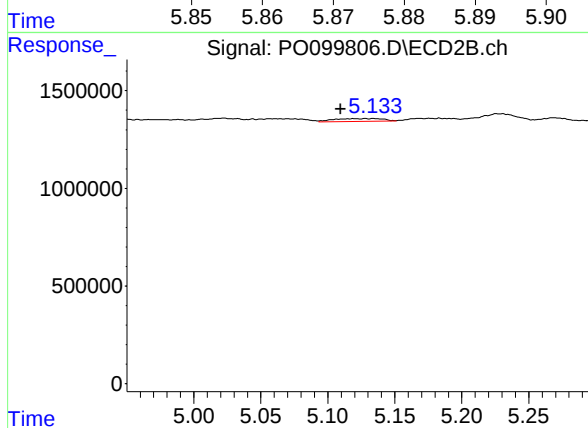
#13 AR-1232-3

R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 483847
Conc: 52.78 ng/ml



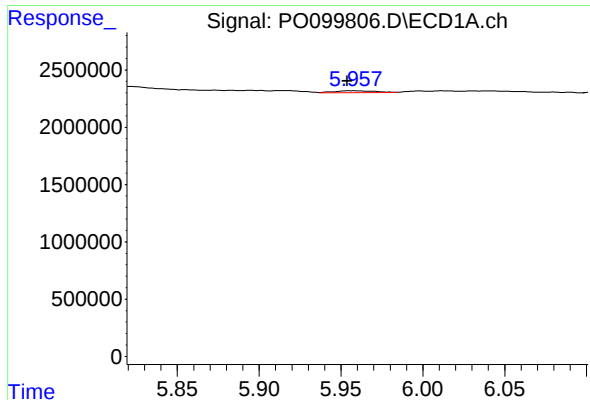
#14 AR-1232-4

R.T.: 5.874 min
Delta R.T.: 0.012 min
Response: 169400
Conc: 11.08 ng/ml



#14 AR-1232-4

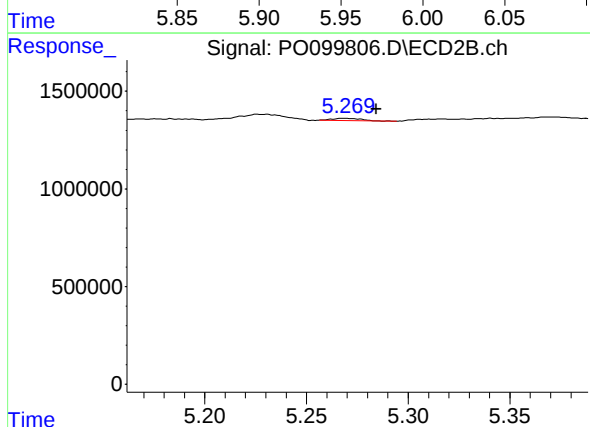
R.T.: 5.120 min
Delta R.T.: 0.011 min
Response: 375372
Conc: 44.03 ng/ml



#15 AR-1232-5

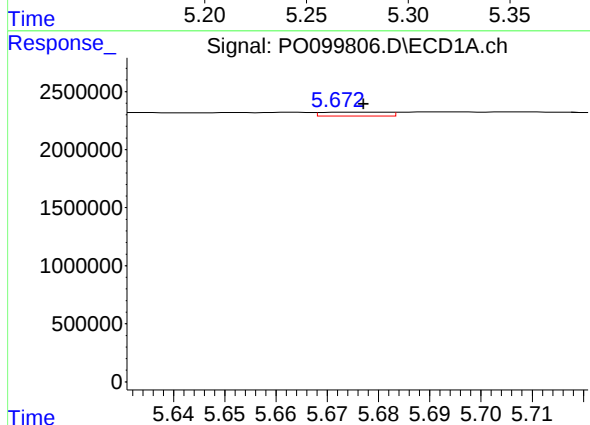
R.T.: 5.957 min
Delta R.T.: 0.003 min
Response: 306269
Conc: 23.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



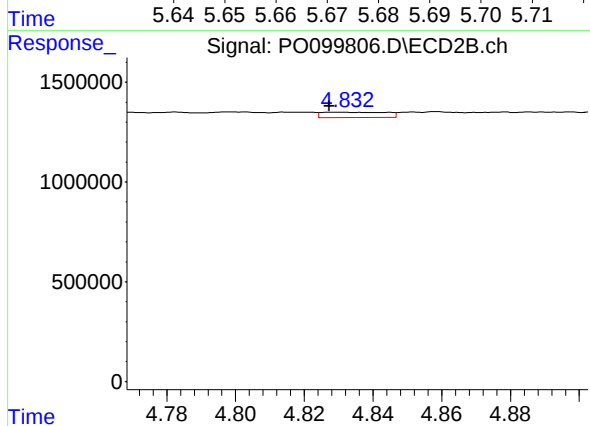
#15 AR-1232-5

R.T.: 5.269 min
Delta R.T.: -0.015 min
Response: 104289
Conc: 11.37 ng/ml



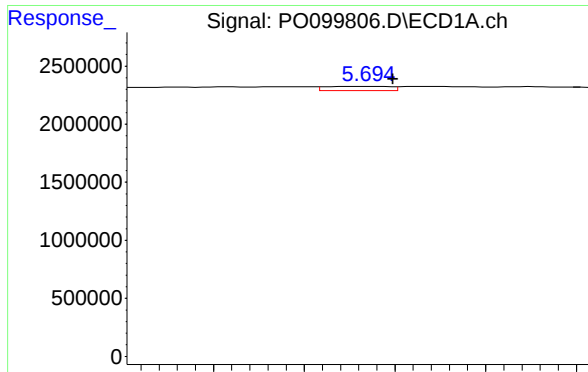
#16 AR-1242-1

R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 309641
Conc: 8.45 ng/ml



#16 AR-1242-1

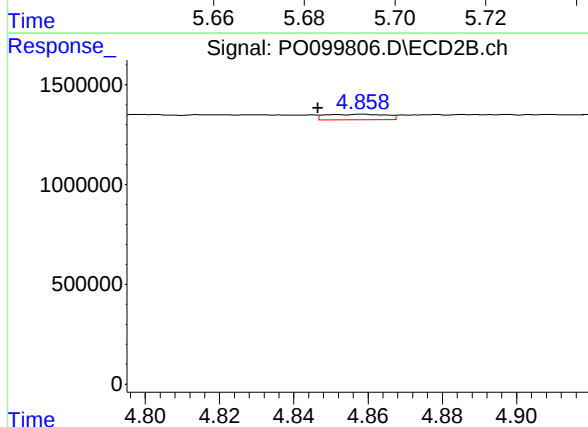
R.T.: 4.829 min
Delta R.T.: 0.002 min
Response: 348738
Conc: 15.18 ng/ml



#17 AR-1242-2

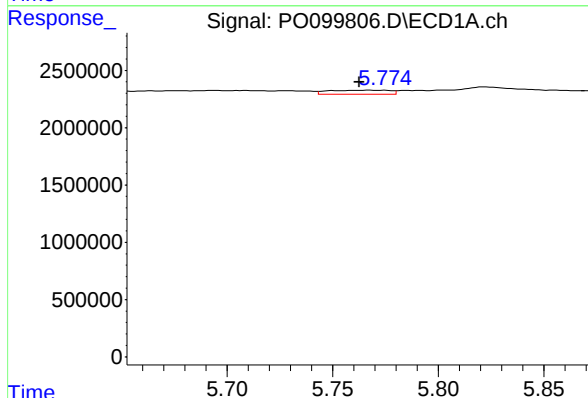
R.T.: 5.694 min
Delta R.T.: -0.006 min
Response: 361050
Conc: 6.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



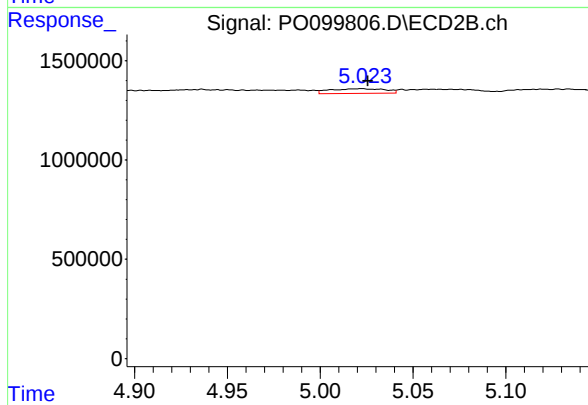
#17 AR-1242-2

R.T.: 4.859 min
Delta R.T.: 0.012 min
Response: 313956
Conc: 9.99 ng/ml



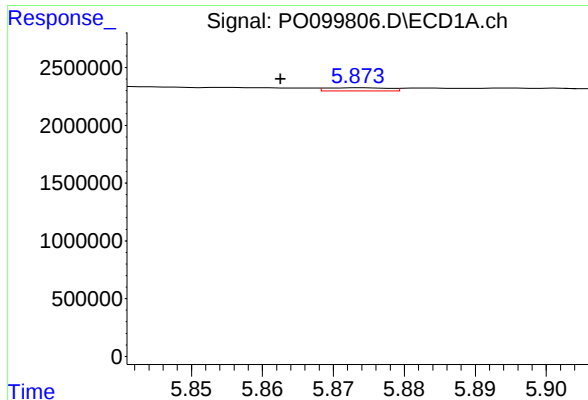
#18 AR-1242-3

R.T.: 5.767 min
Delta R.T.: 0.004 min
Response: 714504
Conc: 18.86 ng/ml



#18 AR-1242-3

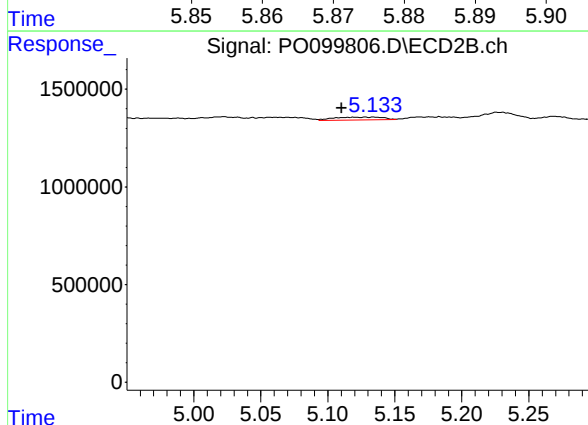
R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 483847
Conc: 28.91 ng/ml



#19 AR-1242-4

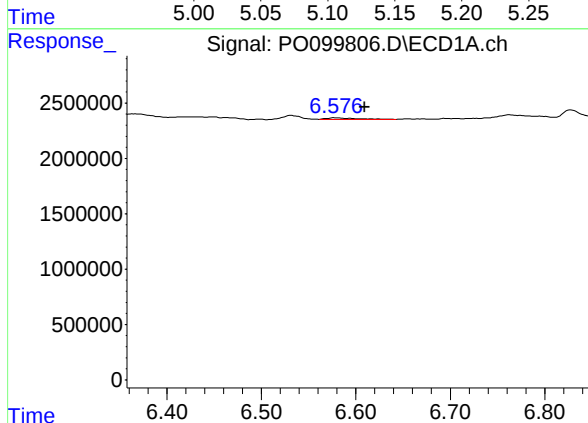
R.T.: 5.874 min
Delta R.T.: 0.011 min
Response: 169400
Conc: 5.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



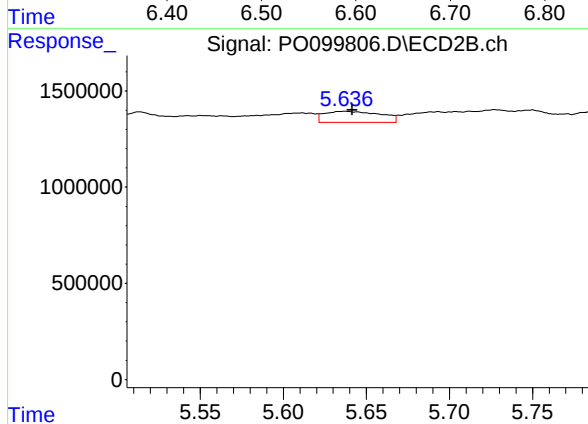
#19 AR-1242-4

R.T.: 5.120 min
Delta R.T.: 0.010 min
Response: 375372
Conc: 21.72 ng/ml



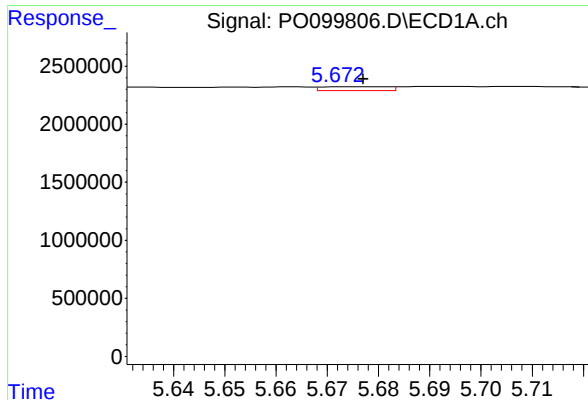
#20 AR-1242-5

R.T.: 6.578 min
Delta R.T.: -0.031 min
Response: 336622
Conc: 13.70 ng/ml



#20 AR-1242-5

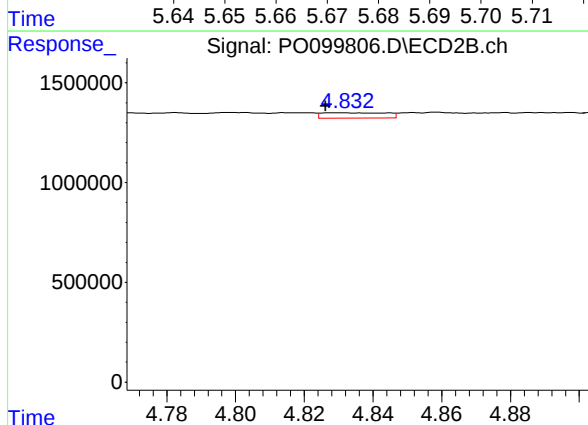
R.T.: 5.637 min
Delta R.T.: -0.004 min
Response: 1347717
Conc: 67.74 ng/ml



#21 AR-1248-1

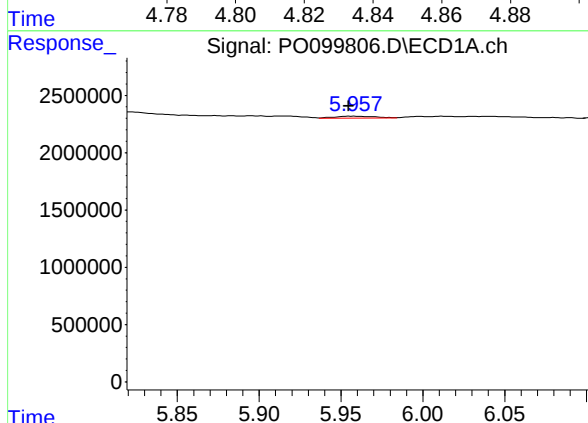
R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 309641
Conc: 11.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



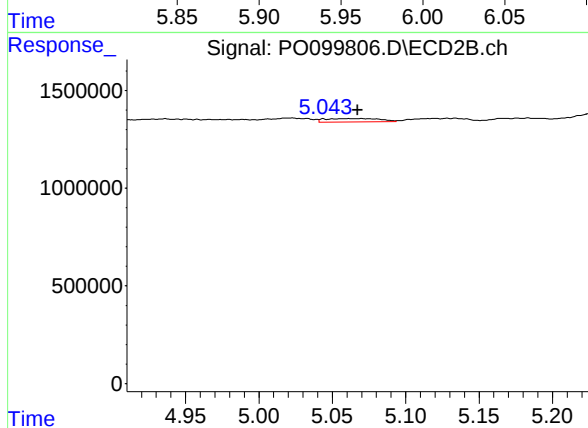
#21 AR-1248-1

R.T.: 4.829 min
Delta R.T.: 0.003 min
Response: 348738
Conc: 19.93 ng/ml



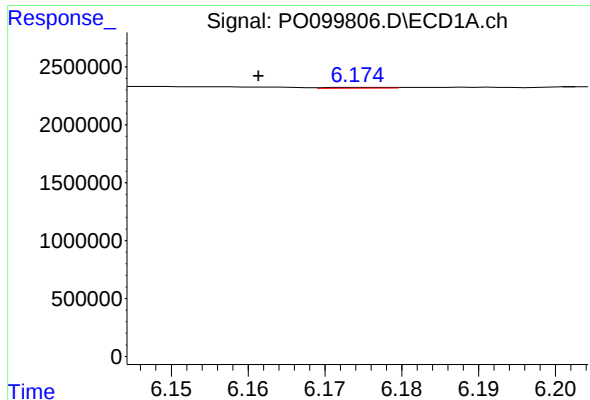
#22 AR-1248-2

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 306269
Conc: 7.21 ng/ml



#22 AR-1248-2

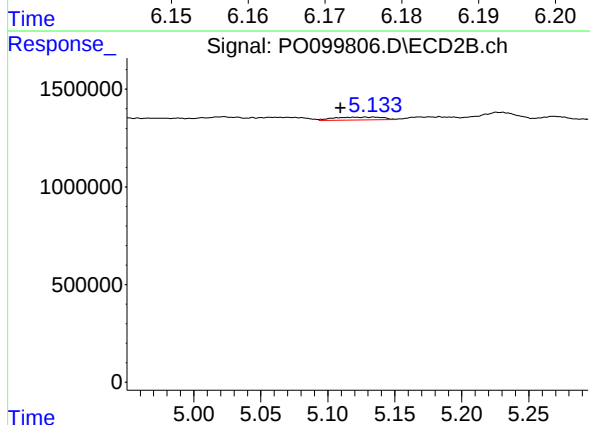
R.T.: 5.070 min
Delta R.T.: 0.002 min
Response: 465307
Conc: 19.36 ng/ml



#23 AR-1248-3

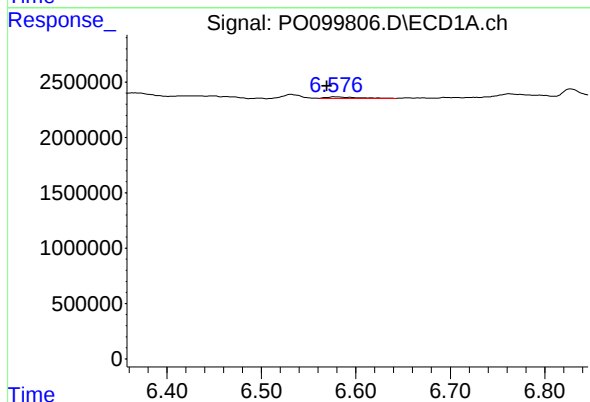
R.T.: 6.174 min
Delta R.T.: 0.013 min
Response: 42512
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



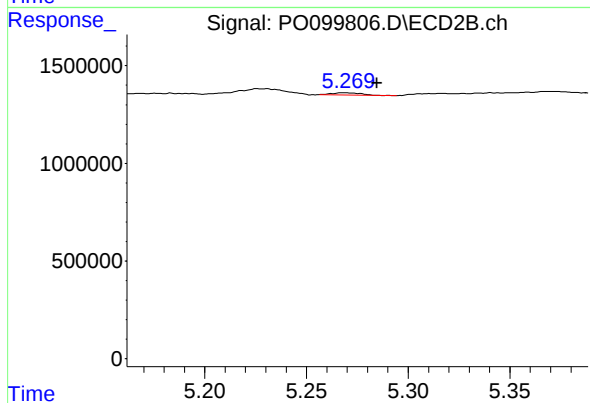
#23 AR-1248-3

R.T.: 5.120 min
Delta R.T.: 0.011 min
Response: 375372
Conc: 15.19 ng/ml



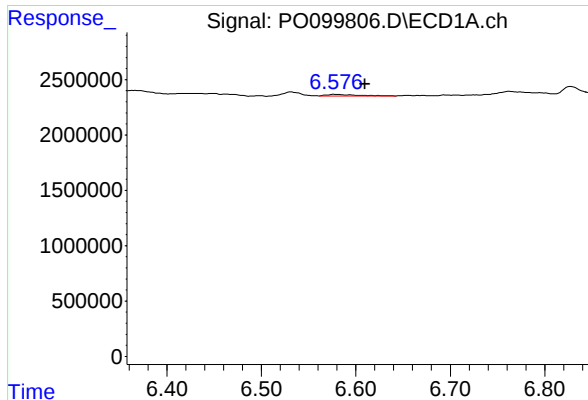
#24 AR-1248-4

R.T.: 6.578 min
Delta R.T.: 0.009 min
Response: 336622
Conc: 8.12 ng/ml



#24 AR-1248-4

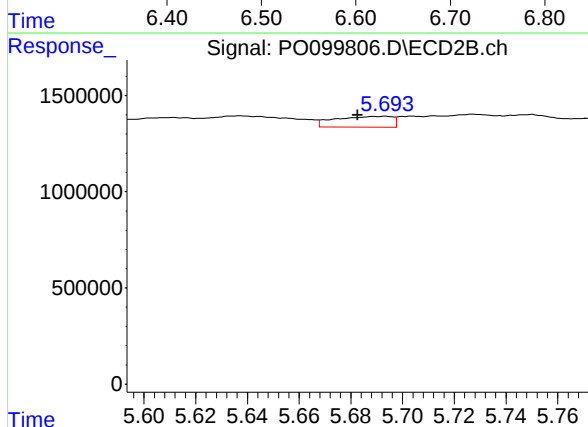
R.T.: 5.269 min
Delta R.T.: -0.016 min
Response: 104289
Conc: 3.69 ng/ml



#25 AR-1248-5

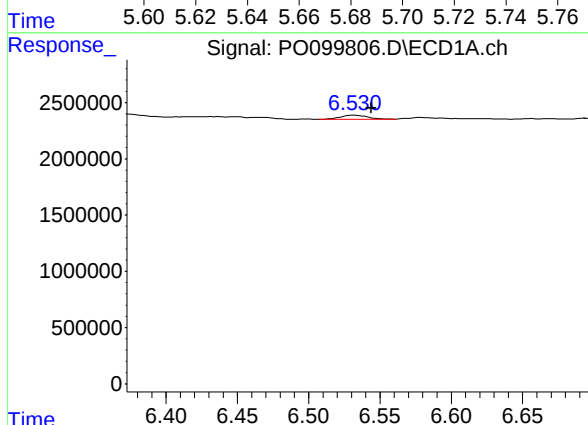
R.T.: 6.578 min
Delta R.T.: -0.031 min
Response: 336622
Conc: 8.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



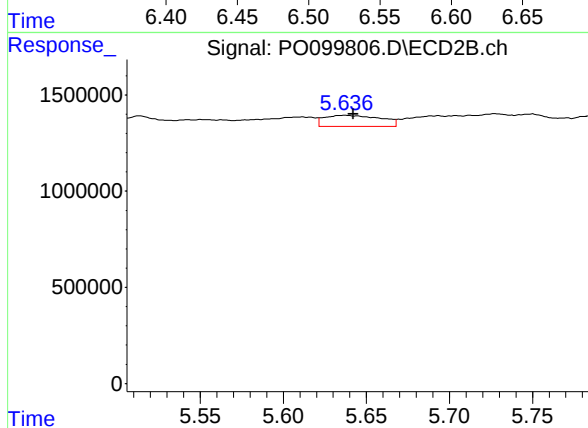
#25 AR-1248-5

R.T.: 5.693 min
Delta R.T.: 0.010 min
Response: 870394
Conc: 34.25 ng/ml



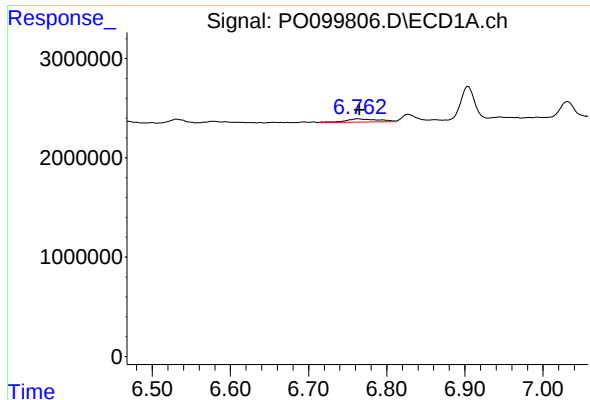
#26 AR-1254-1

R.T.: 6.531 min
Delta R.T.: -0.013 min
Response: 508603
Conc: 10.50 ng/ml



#26 AR-1254-1

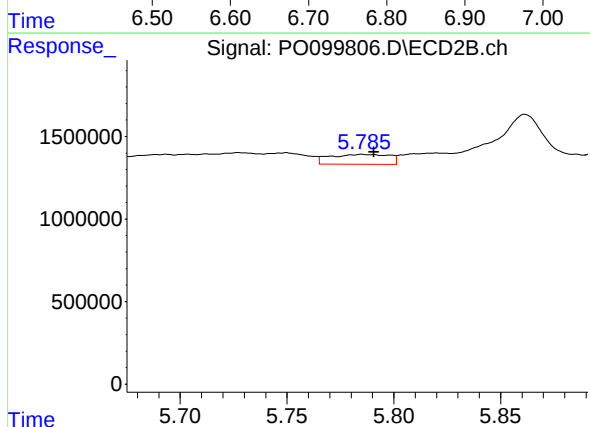
R.T.: 5.637 min
Delta R.T.: -0.005 min
Response: 1347717
Conc: 32.54 ng/ml



#27 AR-1254-2

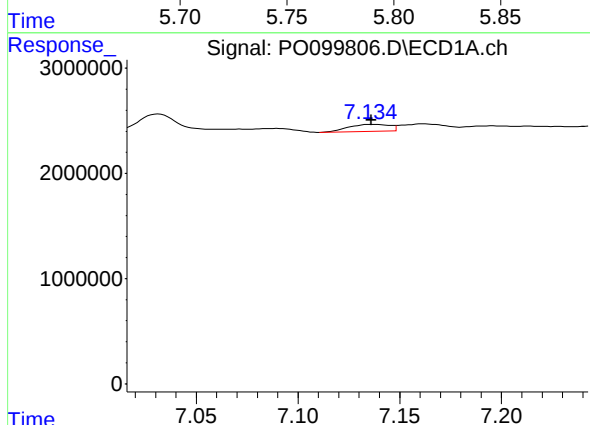
R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 905167
Conc: 12.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



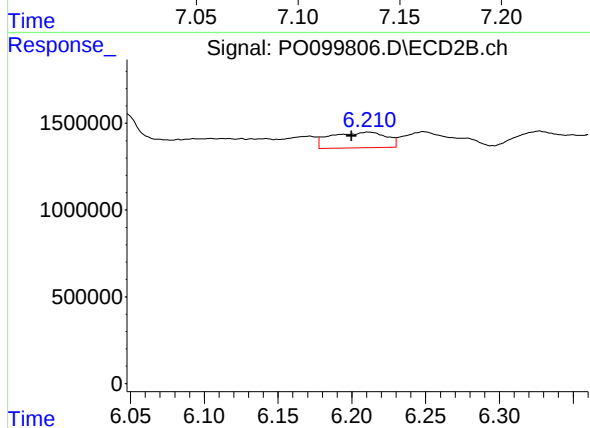
#27 AR-1254-2

R.T.: 5.785 min
Delta R.T.: -0.006 min
Response: 1147276
Conc: 30.21 ng/ml



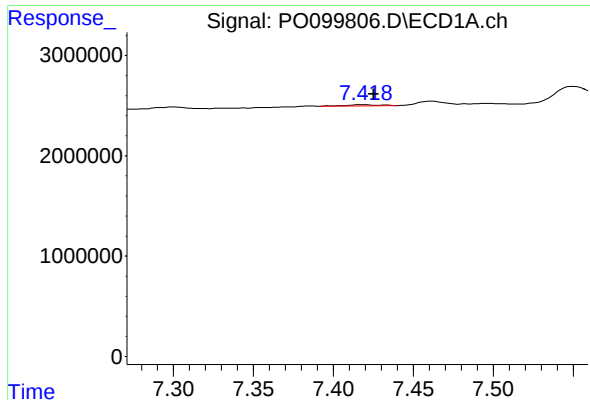
#28 AR-1254-3

R.T.: 7.137 min
Delta R.T.: 0.001 min
Response: 938356
Conc: 13.82 ng/ml



#28 AR-1254-3

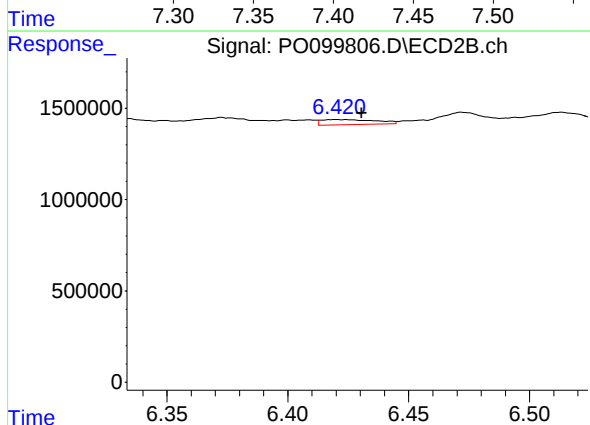
R.T.: 6.211 min
Delta R.T.: 0.011 min
Response: 2373135
Conc: 36.71 ng/ml



#29 AR-1254-4

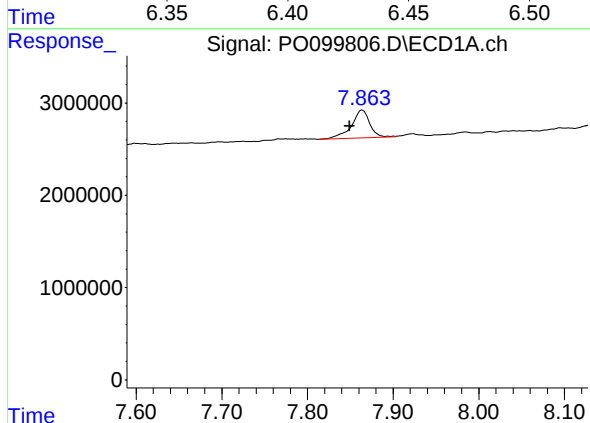
R.T.: 7.419 min
Delta R.T.: -0.007 min
Response: 183118
Conc: 4.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



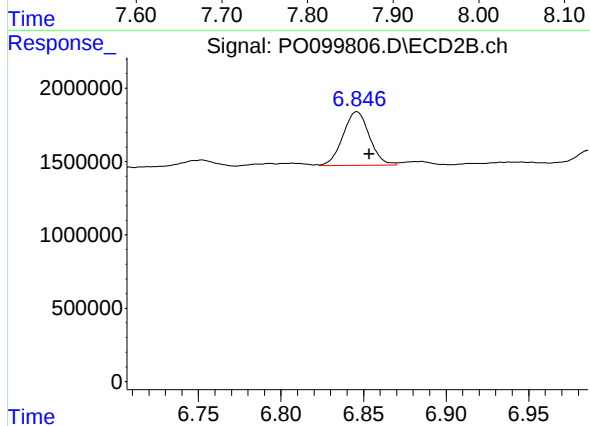
#29 AR-1254-4

R.T.: 6.421 min
Delta R.T.: -0.010 min
Response: 438551
Conc: 12.80 ng/ml



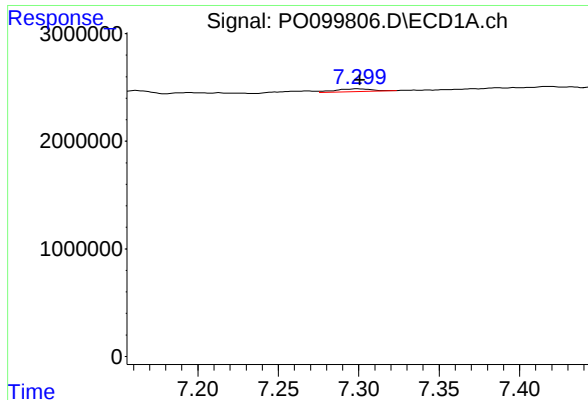
#30 AR-1254-5

R.T.: 7.864 min
Delta R.T.: 0.015 min
Response: 4486154
Conc: 91.36 ng/ml



#30 AR-1254-5

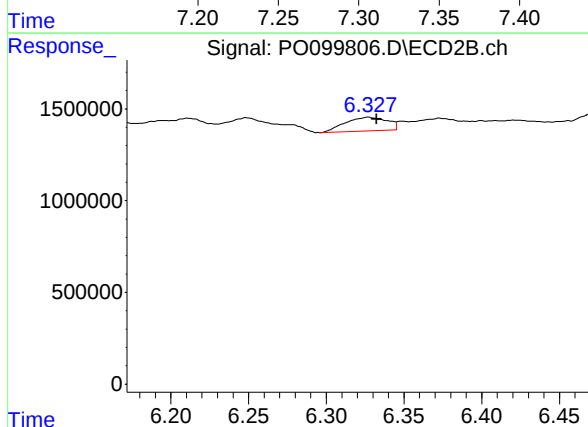
R.T.: 6.846 min
Delta R.T.: -0.008 min
Response: 4089271
Conc: 66.67 ng/ml



#31 AR-1260-1

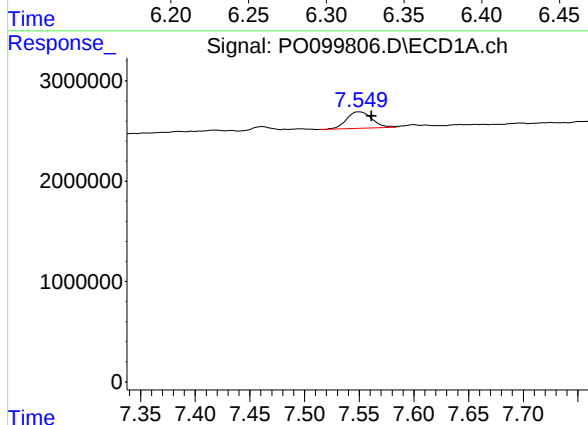
R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 434760
Conc: 7.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



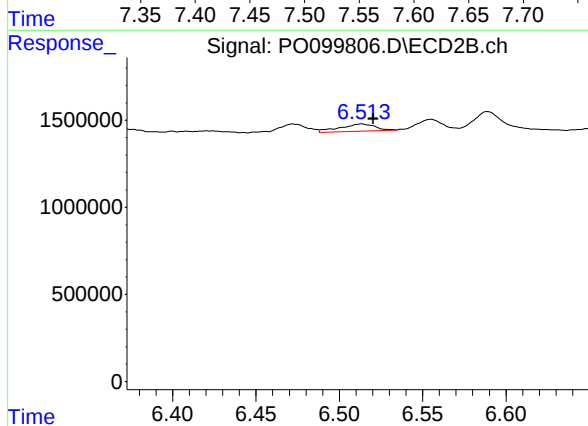
#31 AR-1260-1

R.T.: 6.327 min
Delta R.T.: -0.005 min
Response: 1395323
Conc: 28.98 ng/ml



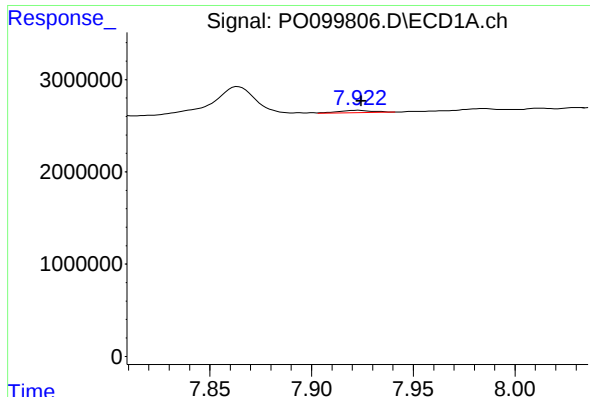
#32 AR-1260-2

R.T.: 7.550 min
Delta R.T.: -0.011 min
Response: 2622759
Conc: 43.48 ng/ml



#32 AR-1260-2

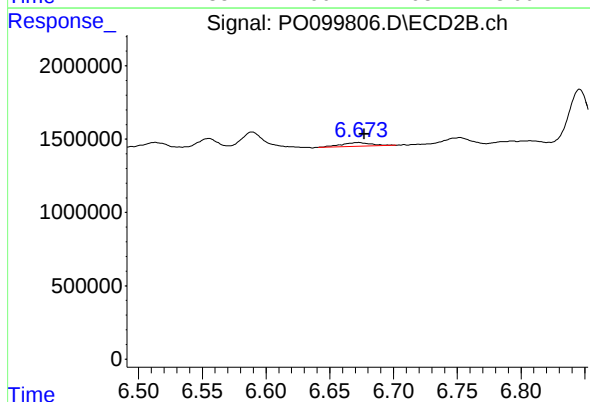
R.T.: 6.513 min
Delta R.T.: -0.007 min
Response: 619836
Conc: 10.93 ng/ml



#33 AR-1260-3

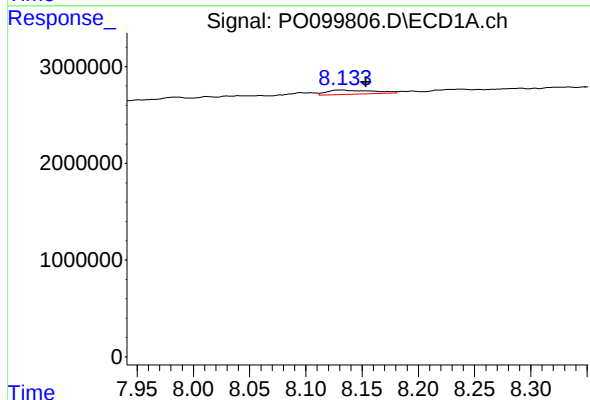
R.T.: 7.923 min
Delta R.T.: -0.002 min
Response: 297233
Conc: 7.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



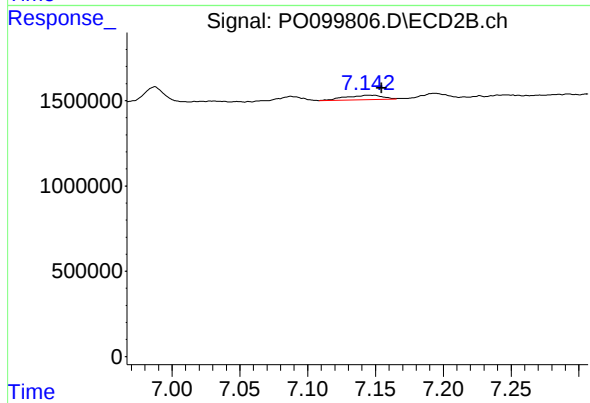
#33 AR-1260-3

R.T.: 6.672 min
Delta R.T.: -0.005 min
Response: 404463
Conc: 7.32 ng/ml



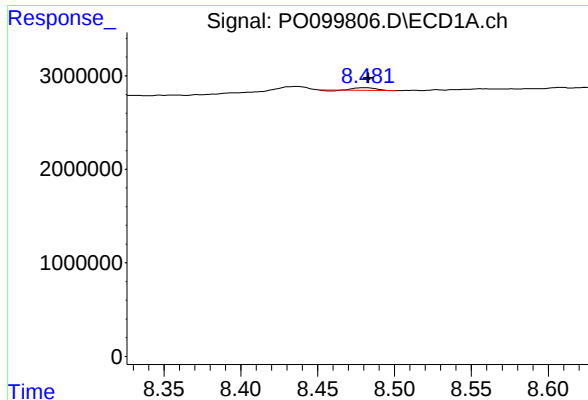
#34 AR-1260-4

R.T.: 8.132 min
Delta R.T.: -0.022 min
Response: 1241377
Conc: 25.21 ng/ml



#34 AR-1260-4

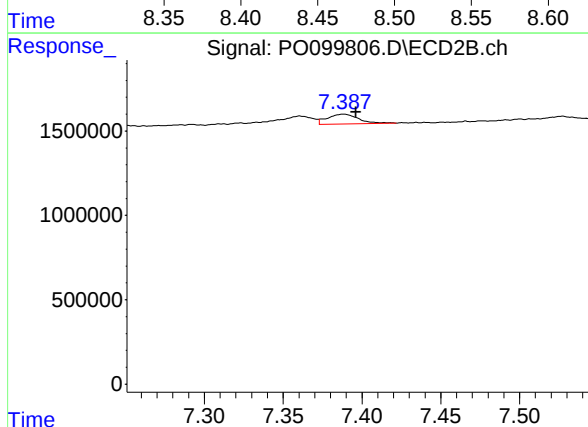
R.T.: 7.145 min
Delta R.T.: -0.010 min
Response: 497567
Conc: 11.29 ng/ml



#35 AR-1260-5

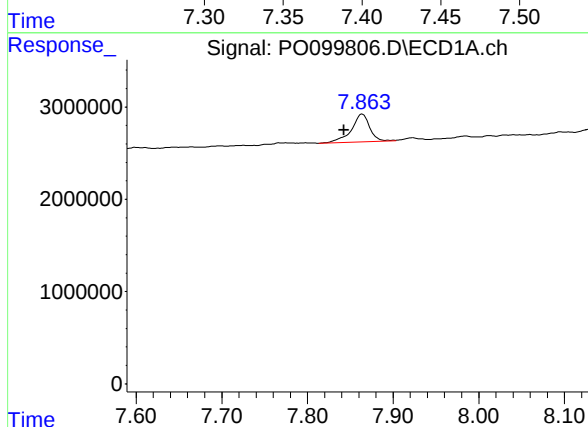
R.T.: 8.481 min
Delta R.T.: -0.002 min
Response: 233283
Conc: 2.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



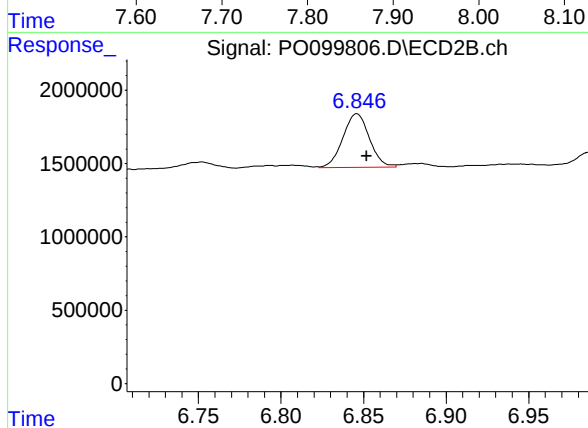
#35 AR-1260-5

R.T.: 7.388 min
Delta R.T.: -0.008 min
Response: 783570
Conc: 7.88 ng/ml



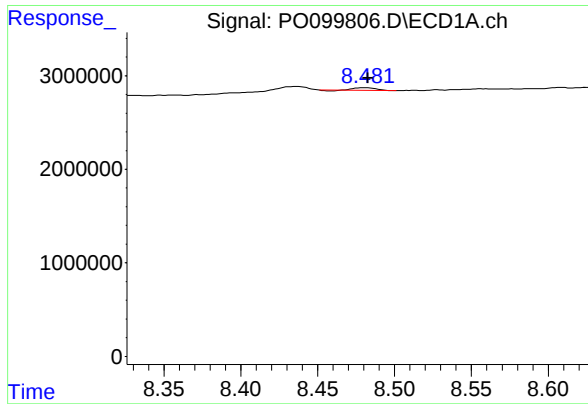
#36 AR-1262-1

R.T.: 7.864 min
Delta R.T.: 0.021 min
Response: 4486154
Conc: 100.11 ng/ml



#36 AR-1262-1

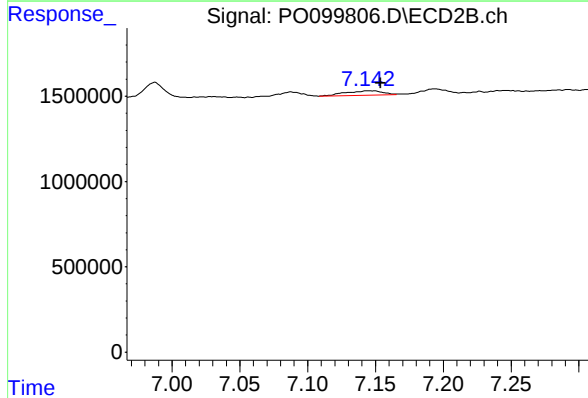
R.T.: 6.846 min
Delta R.T.: -0.006 min
Response: 4089271
Conc: 125.68 ng/ml



#37 AR-1262-2

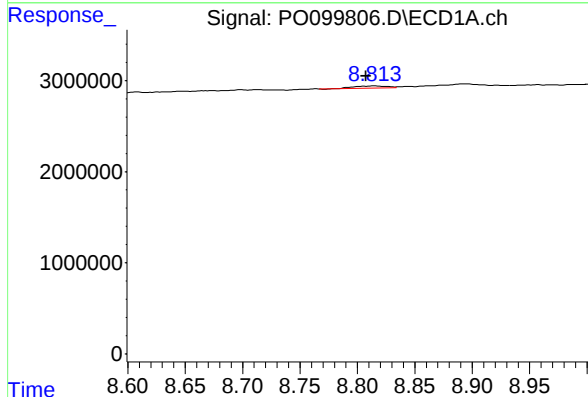
R.T.: 8.481 min
Delta R.T.: -0.002 min
Response: 233283
Conc: 2.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



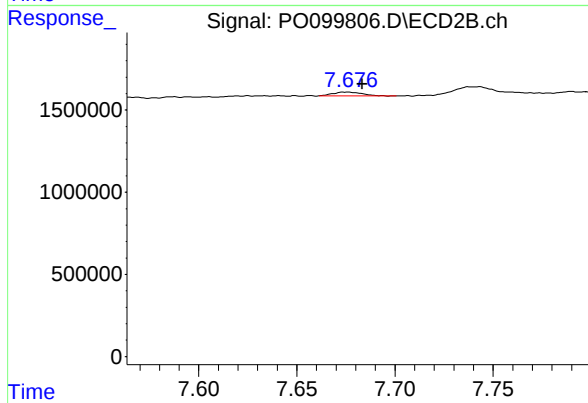
#37 AR-1262-2

R.T.: 7.145 min
Delta R.T.: -0.009 min
Response: 497567
Conc: 7.61 ng/ml



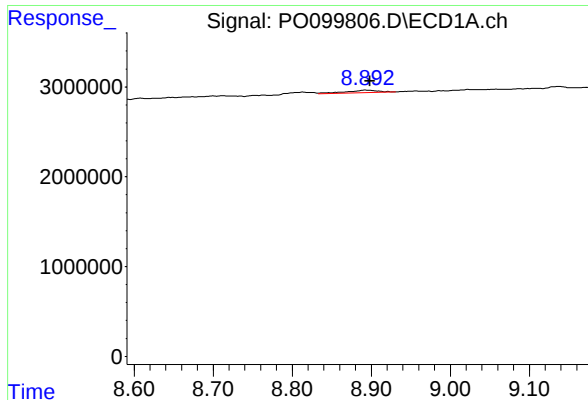
#38 AR-1262-3

R.T.: 8.814 min
Delta R.T.: 0.006 min
Response: 448069
Conc: 6.11 ng/ml



#38 AR-1262-3

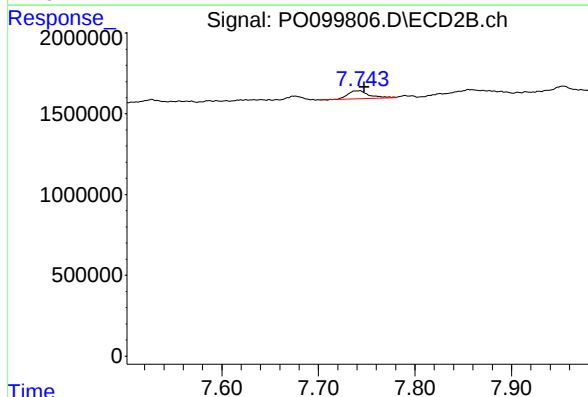
R.T.: 7.676 min
Delta R.T.: -0.008 min
Response: 243405
Conc: 4.73 ng/ml



#39 AR-1262-4

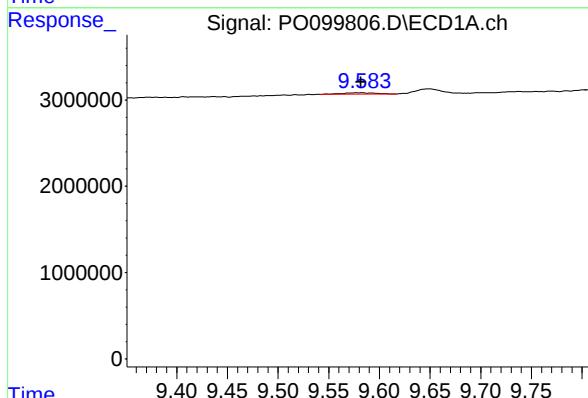
R.T.: 8.893 min
Delta R.T.: -0.005 min
Response: 773194
Conc: 13.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



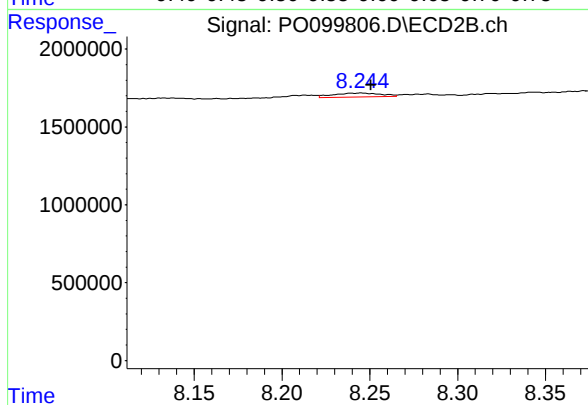
#39 AR-1262-4

R.T.: 7.742 min
Delta R.T.: -0.005 min
Response: 753333
Conc: 8.45 ng/ml



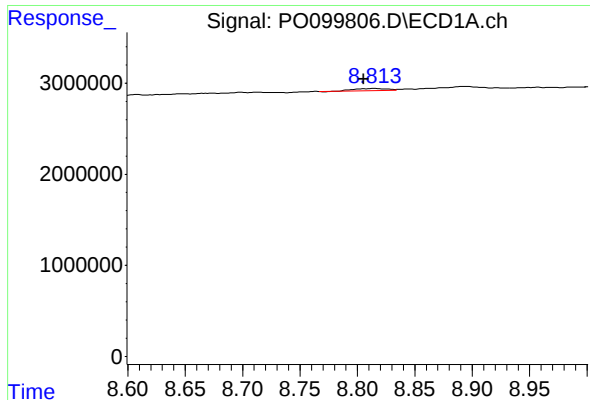
#40 AR-1262-5

R.T.: 9.582 min
Delta R.T.: 0.000 min
Response: 381993
Conc: 11.67 ng/ml



#40 AR-1262-5

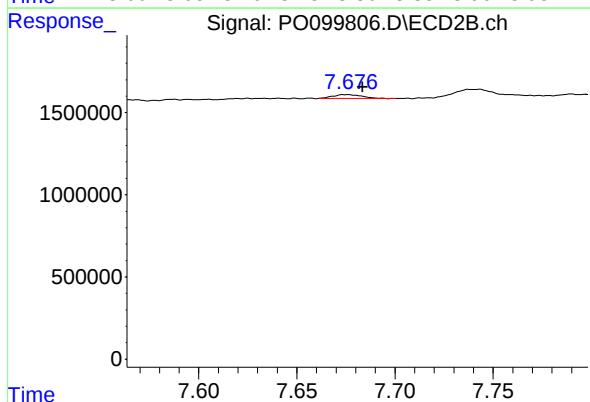
R.T.: 8.245 min
Delta R.T.: -0.005 min
Response: 470064
Conc: 12.06 ng/ml



#41 AR-1268-1

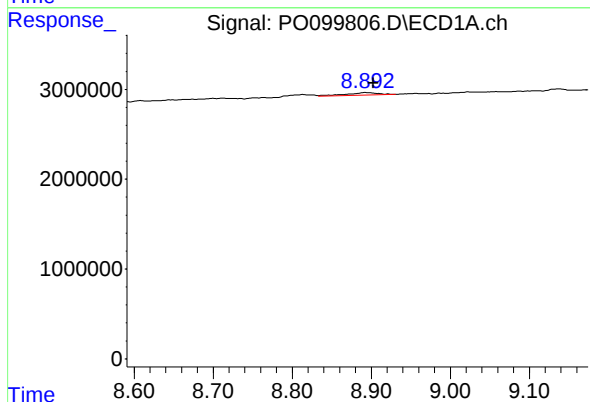
R.T.: 8.814 min
Delta R.T.: 0.009 min
Response: 448069
Conc: 3.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



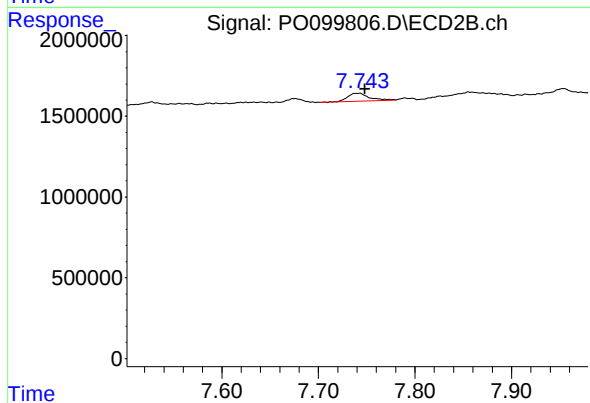
#41 AR-1268-1

R.T.: 7.676 min
Delta R.T.: -0.008 min
Response: 243405
Conc: 1.70 ng/ml



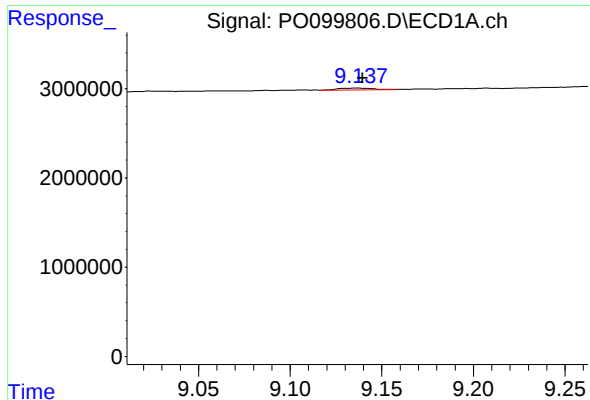
#42 AR-1268-2

R.T.: 8.893 min
Delta R.T.: -0.009 min
Response: 773194
Conc: 6.74 ng/ml



#42 AR-1268-2

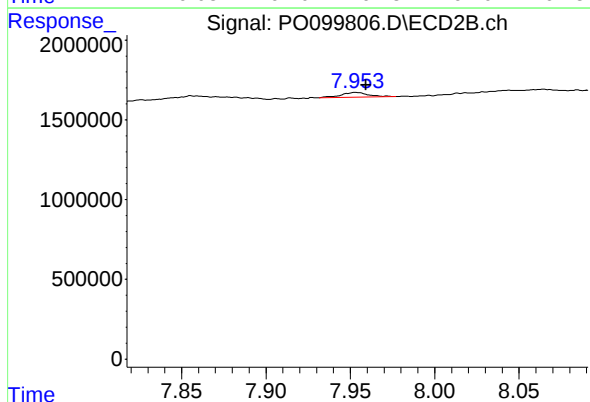
R.T.: 7.742 min
Delta R.T.: -0.006 min
Response: 753333
Conc: 5.78 ng/ml



#43 AR-1268-3

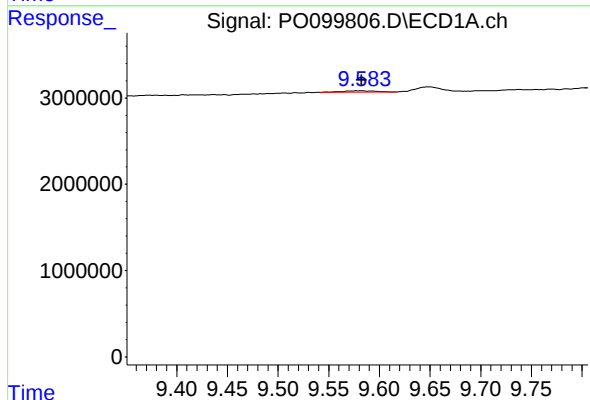
R.T.: 9.137 min
Delta R.T.: -0.003 min
Response: 258523
Conc: 2.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



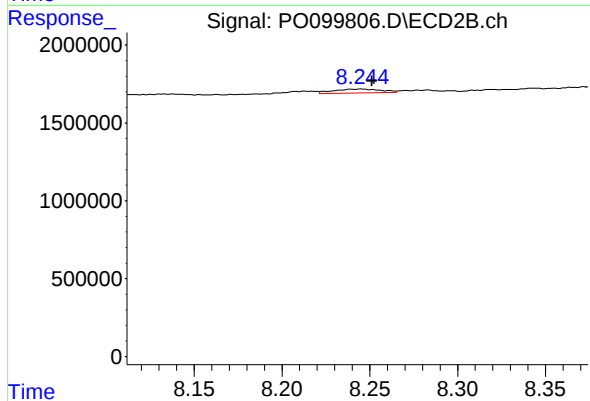
#43 AR-1268-3

R.T.: 7.954 min
Delta R.T.: -0.006 min
Response: 339832
Conc: 2.79 ng/ml



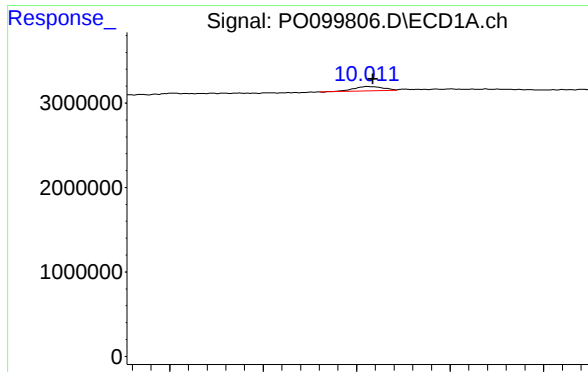
#44 AR-1268-4

R.T.: 9.582 min
Delta R.T.: 0.000 min
Response: 381993
Conc: 10.94 ng/ml



#44 AR-1268-4

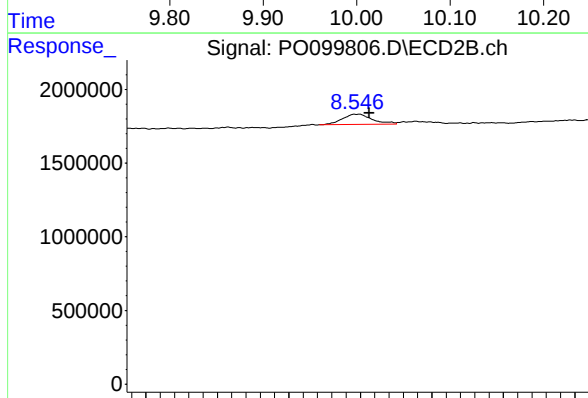
R.T.: 8.245 min
Delta R.T.: -0.006 min
Response: 470064
Conc: 10.90 ng/ml



#45 AR-1268-5

R.T.: 10.012 min
Delta R.T.: -0.005 min
Response: 1150174
Conc: 3.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.548 min
Delta R.T.: -0.009 min
Response: 1005197
Conc: 2.89 ng/ml