

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0120423\
 Data File : P0100273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2023 22:08
 Operator : YP/AJ
 Sample : 05602-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 00:12:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 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...	4.479	3.703	32326398	29819761	18.939	19.881
2) SA Decachlor...	10.360	8.795	14705385	21463122	20.246	19.181
Target Compounds						
3) L1 AR-1016-1	5.665	4.811	234513	188990	5.450	5.985
4) L1 AR-1016-2	5.697	4.826	712032	37537	10.998	0.868 #
5) L1 AR-1016-3	5.761	5.006	152043	178097	3.488	7.680 #
6) L1 AR-1016-4	5.875	5.049	133294	397333	4.038	19.381 #
7) L1 AR-1016-5	6.152	5.255	196906	278147	6.271	10.907 #
8) L2 AR-1221-1	4.689	3.925	3067046	299735	148.775	15.767 #
9) L2 AR-1221-2	4.791	3.991	471097	3695865	31.190	283.613 #
10) L2 AR-1221-3	4.890	4.094	445360	810914	9.925	22.575 #
11) L3 AR-1232-1	4.890	4.094	445360	810914	12.482	27.633 #
12) L3 AR-1232-2	5.374	4.826	1022696	37537	58.760	1.893 #
13) L3 AR-1232-3	5.697	5.006	712032	178097	25.127	17.185 #
14) L3 AR-1232-4	5.875	5.092	133294	167348	9.595	16.836 #
15) L3 AR-1232-5	5.943	5.255	552007	278147	44.980	25.754 #
16) L4 AR-1242-1	5.665	4.811	234513	188990	6.769	7.191
17) L4 AR-1242-2	5.697	4.826	712032	37537	13.569	1.068 #
18) L4 AR-1242-3	5.761	5.006	152043	178097	4.369	9.300 #
19) L4 AR-1242-4	5.875	5.092	133294	167348	5.070	8.308 #
20) L4 AR-1242-5	6.600	5.624	475924	615856	21.286	26.357
21) L5 AR-1248-1	5.665	4.811	234513	188990	9.071	9.453
22) L5 AR-1248-2	5.943	5.049	552007	397333	13.498	14.200
23) L5 AR-1248-3	6.152	5.092	196906	167348	4.597	5.795 #
24) L5 AR-1248-4	6.563	5.255	288258	278147	7.648	8.483
25) L5 AR-1248-5	6.600	5.664	475924	170529	12.886	5.709 #
26) L6 AR-1254-1	6.539	5.624	787358	615856	16.351	11.881 #
27) L6 AR-1254-2	6.753	5.771	969613	401457	14.138	8.621 #
28) L6 AR-1254-3	7.128	6.182	951742	477303	14.939	6.120 #
29) L6 AR-1254-4	7.411	6.407	251228	227226	6.646	5.324
30) L6 AR-1254-5	7.838	6.830	322552	911850	7.536	12.601 #
31) L7 AR-1260-1	7.291	6.313	138391	335668	2.599	5.809 #
32) L7 AR-1260-2	7.542	6.489	1467708	625024	27.746	9.411 #
33) L7 AR-1260-3	7.920	6.655	165626	265651	4.643	4.152
34) L7 AR-1260-4	8.151	7.130	107400	240616	2.595	4.772 #
35) L7 AR-1260-5	8.477	7.375	307536	748271	4.604	6.675 #
36) L8 AR-1262-1	7.838	6.830	322552	911850	8.917	23.857 #
37) L8 AR-1262-2	8.477	7.130	307536	240616	3.622	3.190
38) L8 AR-1262-3	8.797	7.660	241576	285767	4.010	4.906
39) L8 AR-1262-4	8.895	7.723	449132	1033897	9.316	10.059
40) L8 AR-1262-5	9.570	8.227	46858	237162	1.795	5.443 #
41) L9 AR-1268-1	8.797	7.660	241576	285767	2.189	1.721

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 QLast Update : Tue Nov 21 15:58:40 2023
 Response via : Initial Calibration
 Integrator: ChemStation

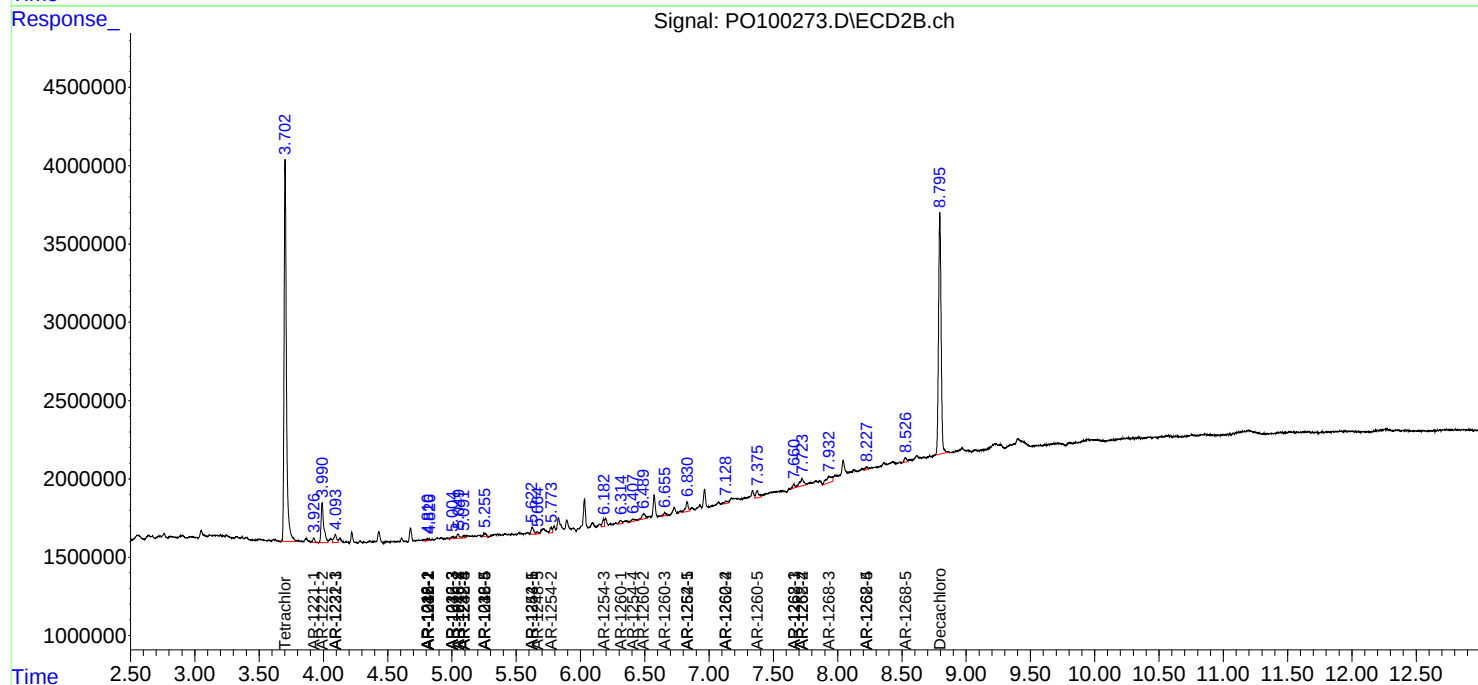
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

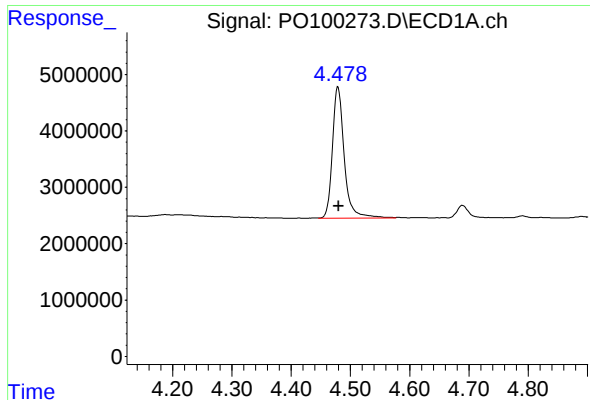
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.895	7.723	449132	1033897	4.665	6.773 #
43) L9	AR-1268-3	9.135	7.932	95303	1285607	1.057	8.971 #
44) L9	AR-1268-4	9.570	8.227	46858	237162	1.648	5.048 #
45) L9	AR-1268-5	10.001	8.526	41306	356442	0.164	0.895 #

(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

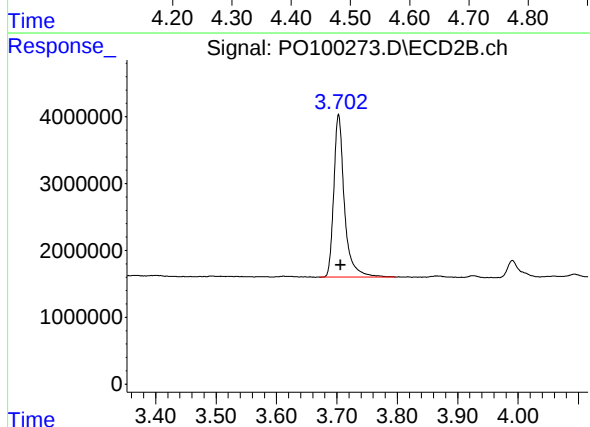




#1 Tetrachloro-m-xylene

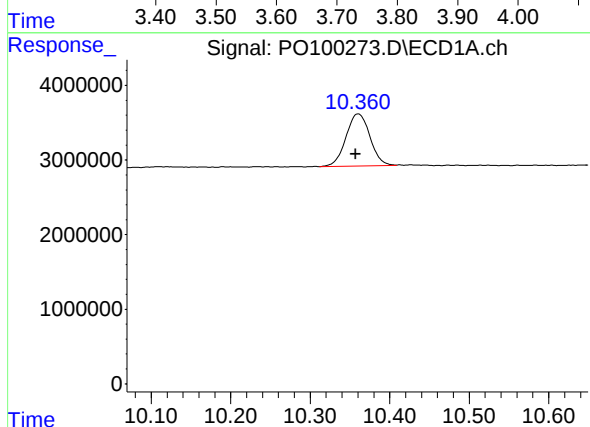
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 32326398
Conc: 18.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



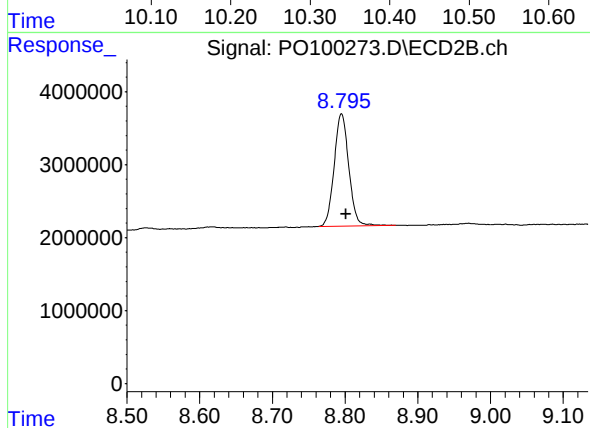
#1 Tetrachloro-m-xylene

R.T.: 3.703 min
Delta R.T.: -0.003 min
Response: 29819761
Conc: 19.88 ng/ml



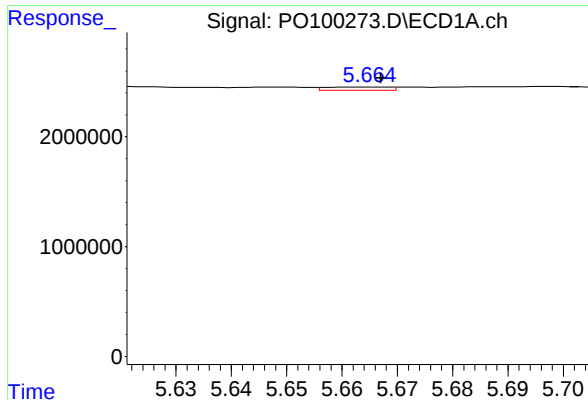
#2 Decachlorobiphenyl

R.T.: 10.360 min
Delta R.T.: 0.003 min
Response: 14705385
Conc: 20.25 ng/ml



#2 Decachlorobiphenyl

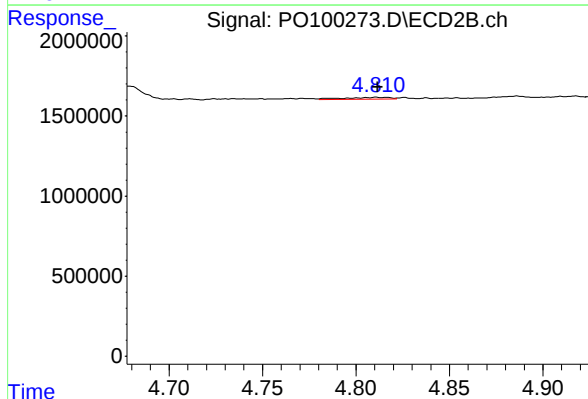
R.T.: 8.795 min
Delta R.T.: -0.006 min
Response: 21463122
Conc: 19.18 ng/ml



#3 AR-1016-1

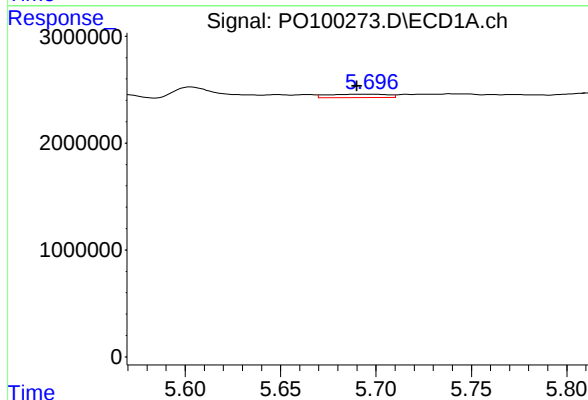
R.T.: 5.665 min
Delta R.T.: -0.002 min
Response: 234513
Conc: 5.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



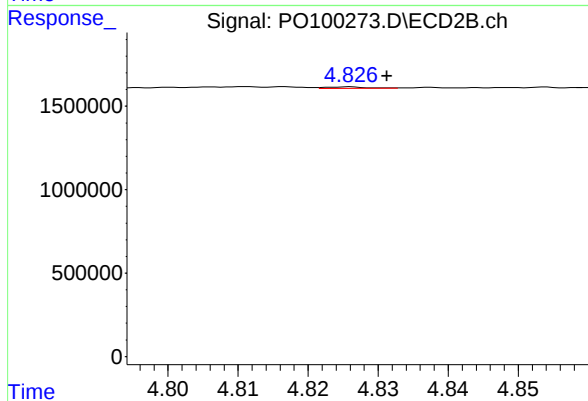
#3 AR-1016-1

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 188990
Conc: 5.99 ng/ml



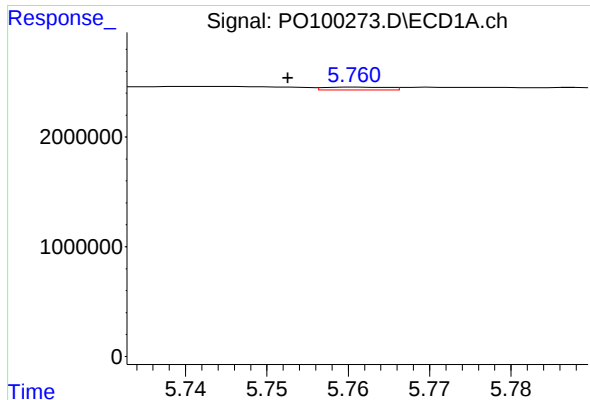
#4 AR-1016-2

R.T.: 5.697 min
Delta R.T.: 0.007 min
Response: 712032
Conc: 11.00 ng/ml



#4 AR-1016-2

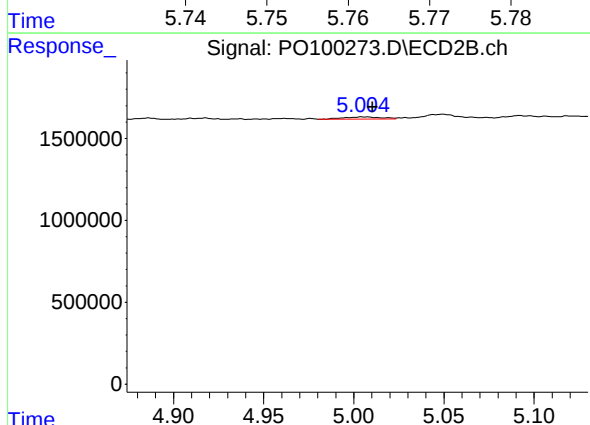
R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 37537
Conc: 0.87 ng/ml



#5 AR-1016-3

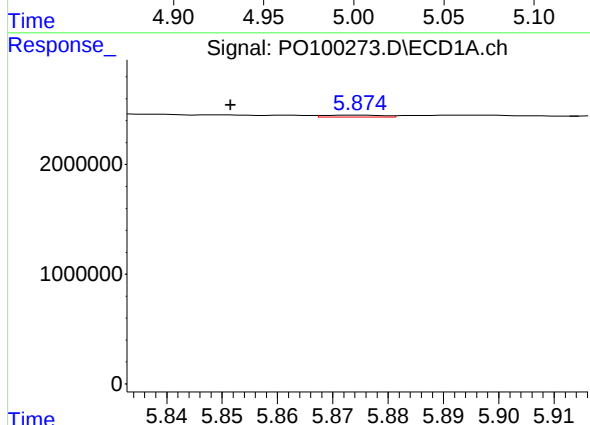
R.T.: 5.761 min
Delta R.T.: 0.009 min
Response: 152043
Conc: 3.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



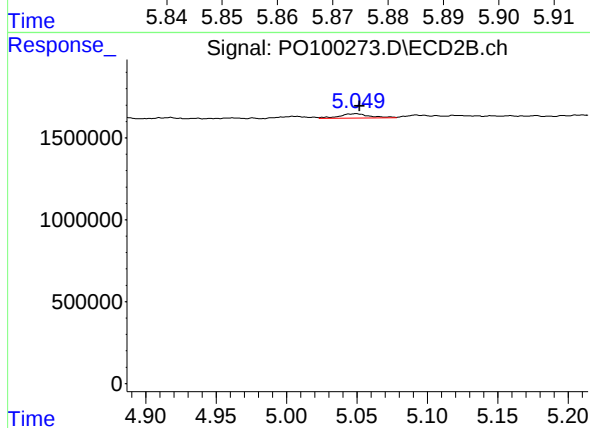
#5 AR-1016-3

R.T.: 5.006 min
Delta R.T.: -0.004 min
Response: 178097
Conc: 7.68 ng/ml



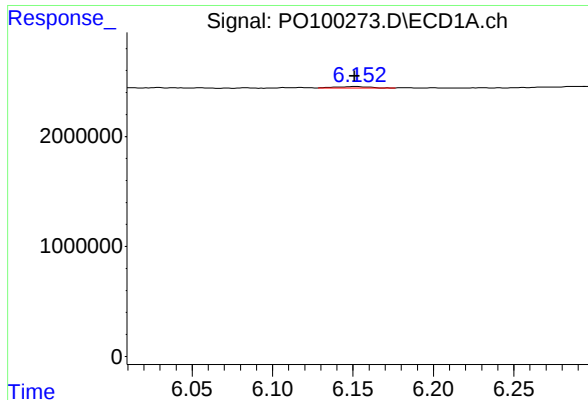
#6 AR-1016-4

R.T.: 5.875 min
Delta R.T.: 0.023 min
Response: 133294
Conc: 4.04 ng/ml



#6 AR-1016-4

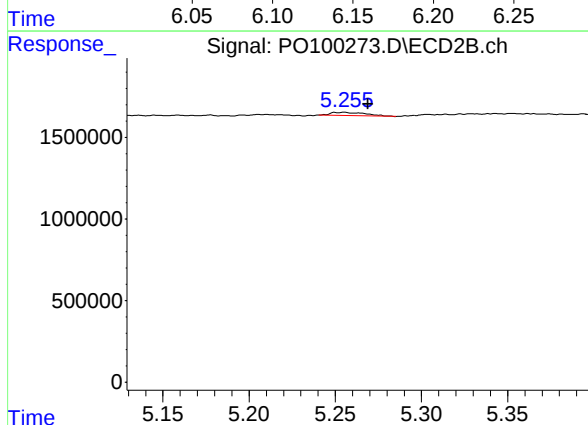
R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 397333
Conc: 19.38 ng/ml



#7 AR-1016-5

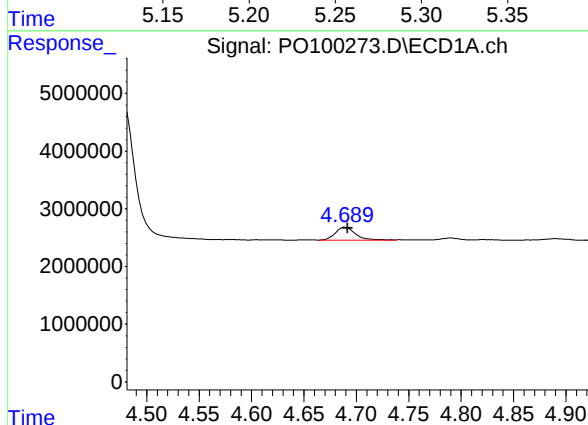
R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 196906
Conc: 6.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



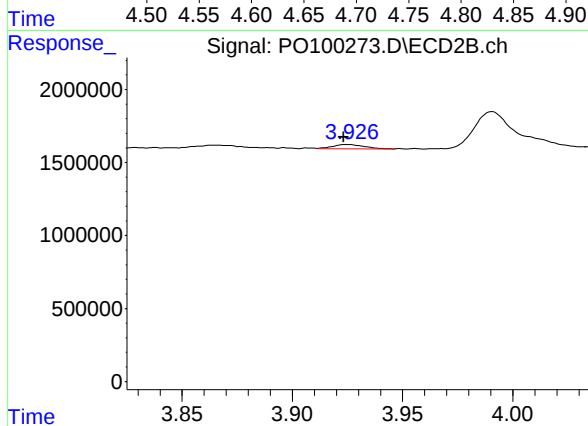
#7 AR-1016-5

R.T.: 5.255 min
Delta R.T.: -0.014 min
Response: 278147
Conc: 10.91 ng/ml



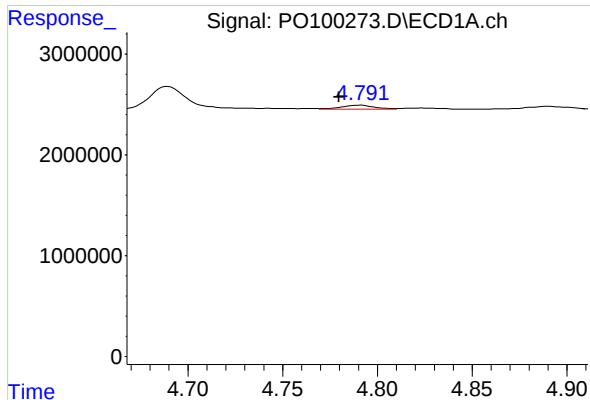
#8 AR-1221-1

R.T.: 4.689 min
Delta R.T.: -0.002 min
Response: 3067046
Conc: 148.78 ng/ml



#8 AR-1221-1

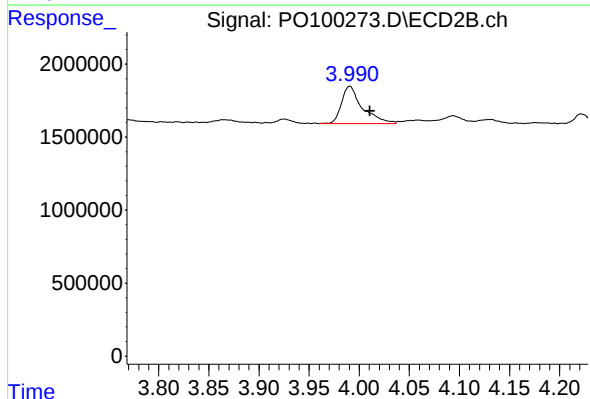
R.T.: 3.925 min
Delta R.T.: 0.002 min
Response: 299735
Conc: 15.77 ng/ml



#9 AR-1221-2

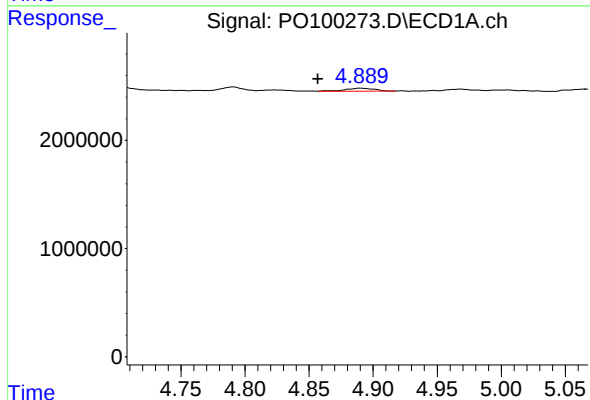
R.T.: 4.791 min
Delta R.T.: 0.011 min
Response: 471097
Conc: 31.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



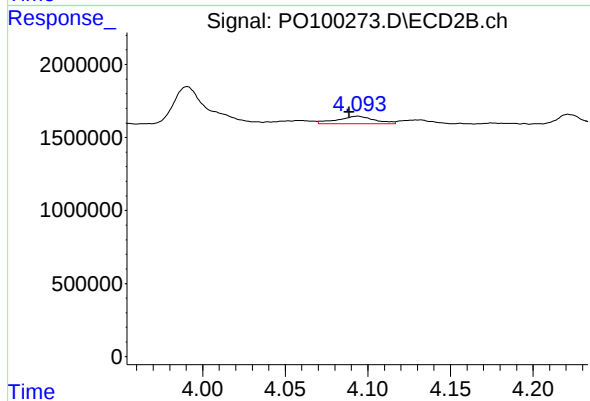
#9 AR-1221-2

R.T.: 3.991 min
Delta R.T.: -0.020 min
Response: 3695865
Conc: 283.61 ng/ml



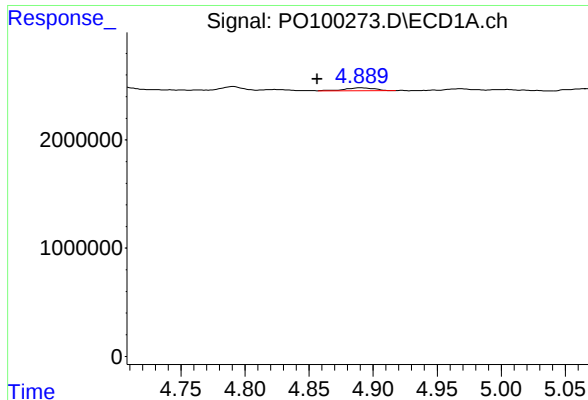
#10 AR-1221-3

R.T.: 4.890 min
Delta R.T.: 0.033 min
Response: 445360
Conc: 9.92 ng/ml



#10 AR-1221-3

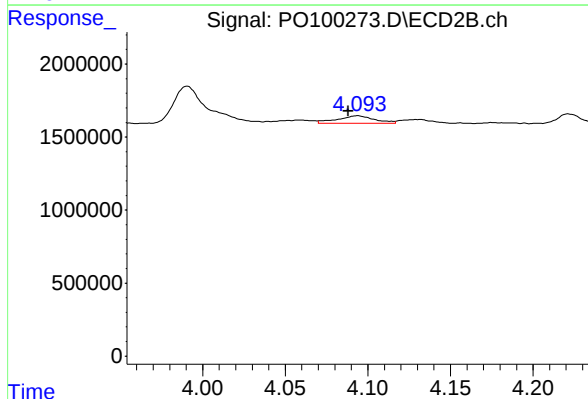
R.T.: 4.094 min
Delta R.T.: 0.005 min
Response: 810914
Conc: 22.58 ng/ml



#11 AR-1232-1

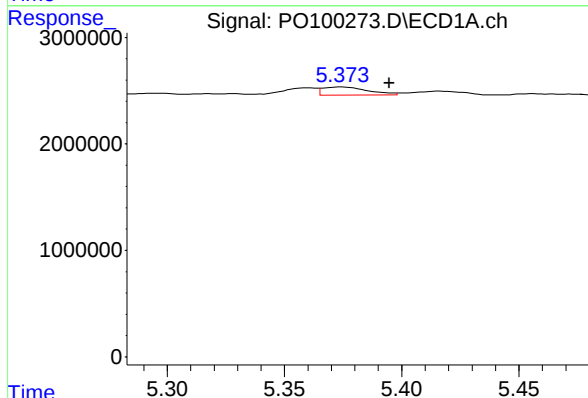
R.T.: 4.890 min
Delta R.T.: 0.034 min
Response: 445360
Conc: 12.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



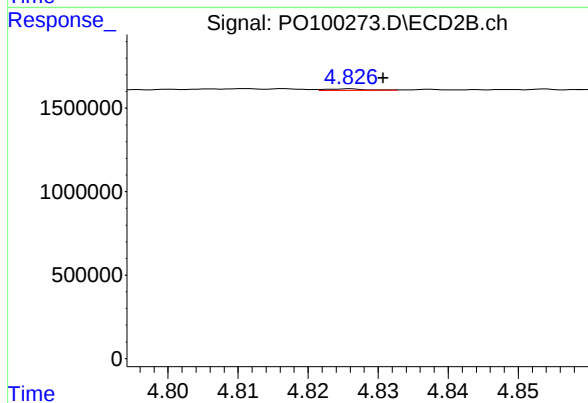
#11 AR-1232-1

R.T.: 4.094 min
Delta R.T.: 0.006 min
Response: 810914
Conc: 27.63 ng/ml



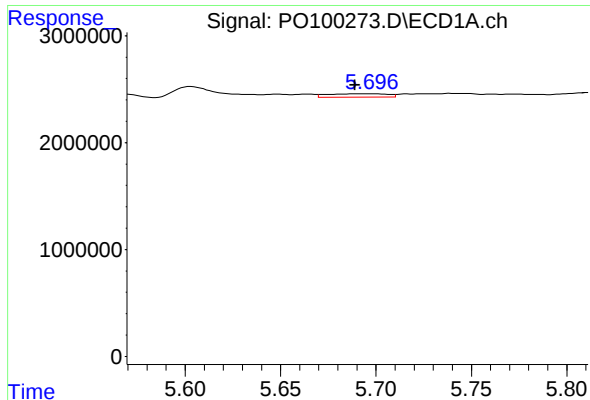
#12 AR-1232-2

R.T.: 5.374 min
Delta R.T.: -0.021 min
Response: 1022696
Conc: 58.76 ng/ml



#12 AR-1232-2

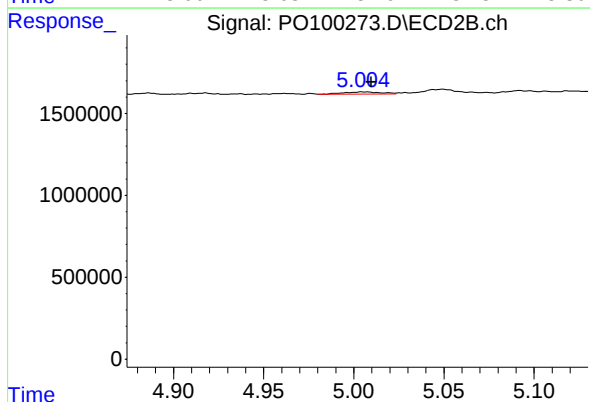
R.T.: 4.826 min
Delta R.T.: -0.005 min
Response: 37537
Conc: 1.89 ng/ml



#13 AR-1232-3

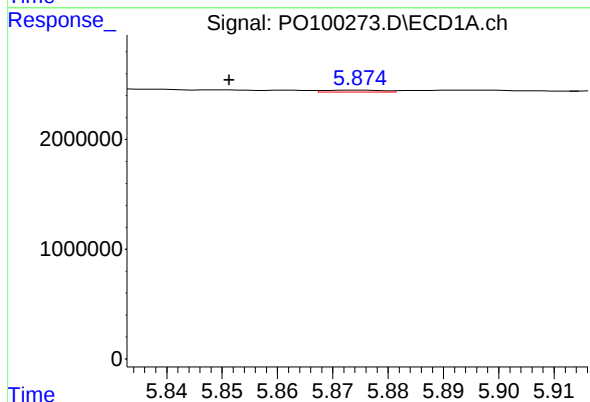
R.T.: 5.697 min
Delta R.T.: 0.008 min
Response: 712032
Conc: 25.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



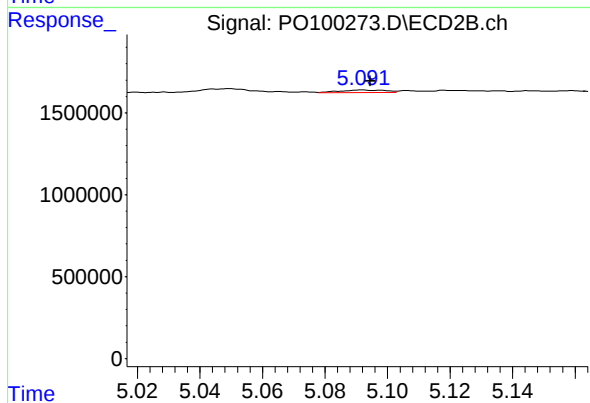
#13 AR-1232-3

R.T.: 5.006 min
Delta R.T.: -0.004 min
Response: 178097
Conc: 17.19 ng/ml



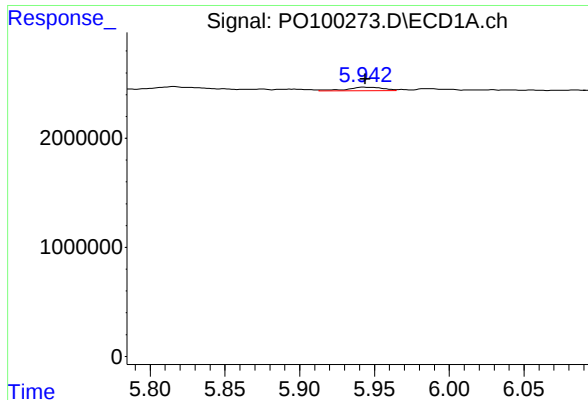
#14 AR-1232-4

R.T.: 5.875 min
Delta R.T.: 0.024 min
Response: 133294
Conc: 9.60 ng/ml



#14 AR-1232-4

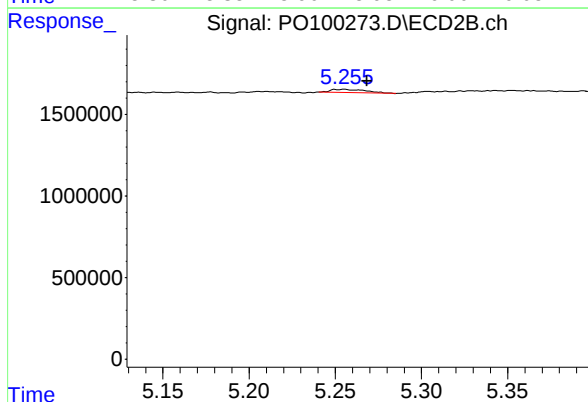
R.T.: 5.092 min
Delta R.T.: -0.003 min
Response: 167348
Conc: 16.84 ng/ml



#15 AR-1232-5

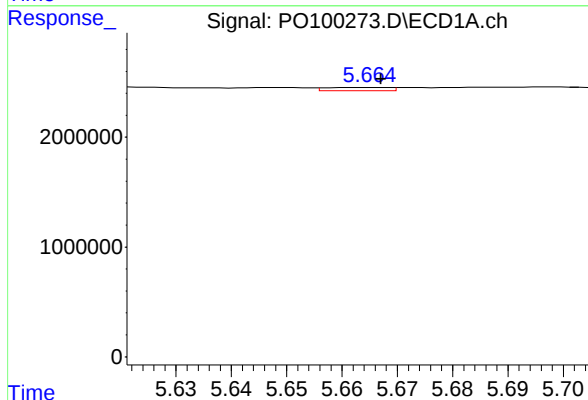
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 552007
Conc: 44.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



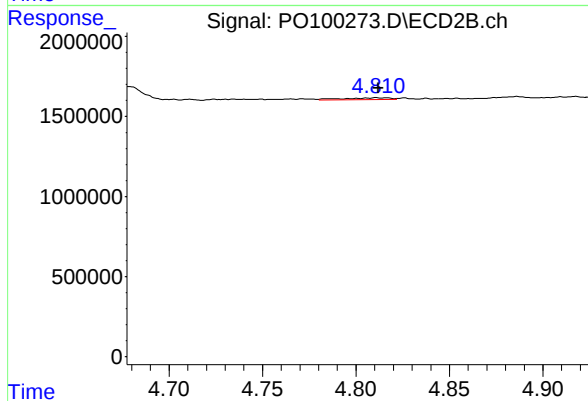
#15 AR-1232-5

R.T.: 5.255 min
Delta R.T.: -0.013 min
Response: 278147
Conc: 25.75 ng/ml



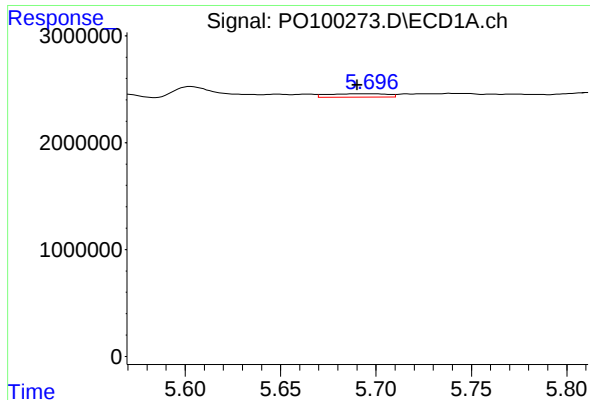
#16 AR-1242-1

R.T.: 5.665 min
Delta R.T.: -0.002 min
Response: 234513
Conc: 6.77 ng/ml



#16 AR-1242-1

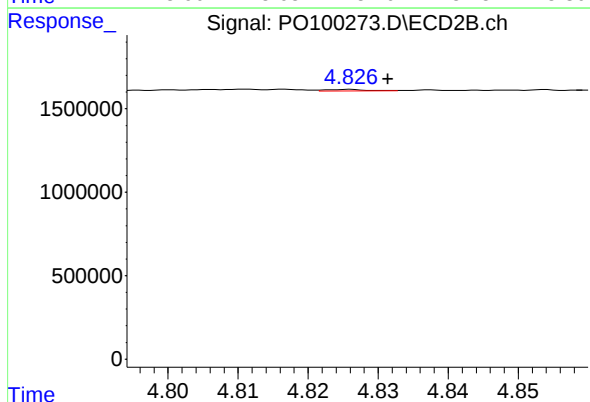
R.T.: 4.811 min
Delta R.T.: -0.001 min
Response: 188990
Conc: 7.19 ng/ml



#17 AR-1242-2

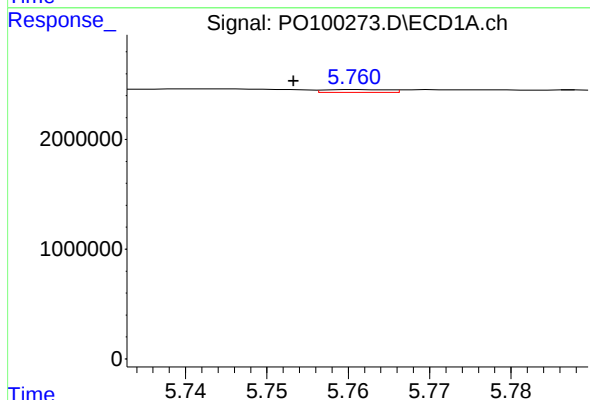
R.T.: 5.697 min
Delta R.T.: 0.007 min
Response: 712032
Conc: 13.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



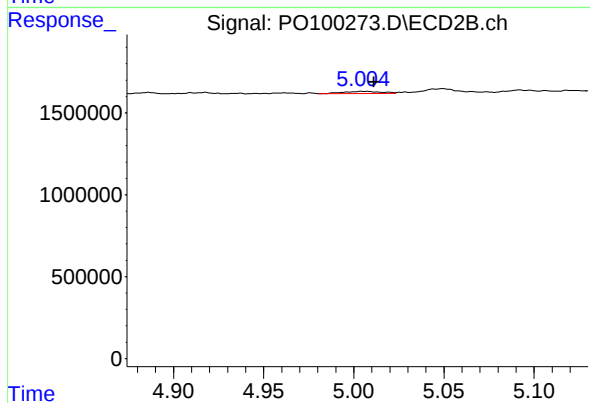
#17 AR-1242-2

R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 37537
Conc: 1.07 ng/ml



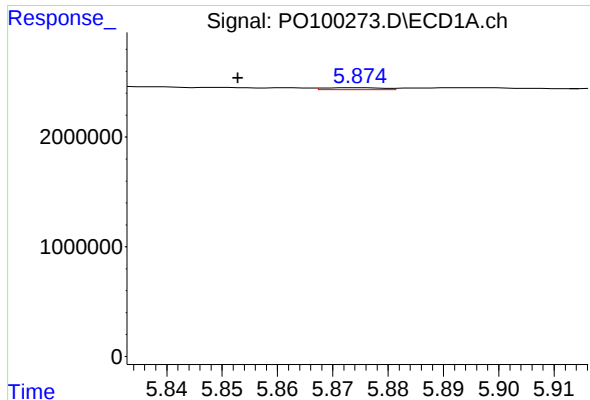
#18 AR-1242-3

R.T.: 5.761 min
Delta R.T.: 0.008 min
Response: 152043
Conc: 4.37 ng/ml



#18 AR-1242-3

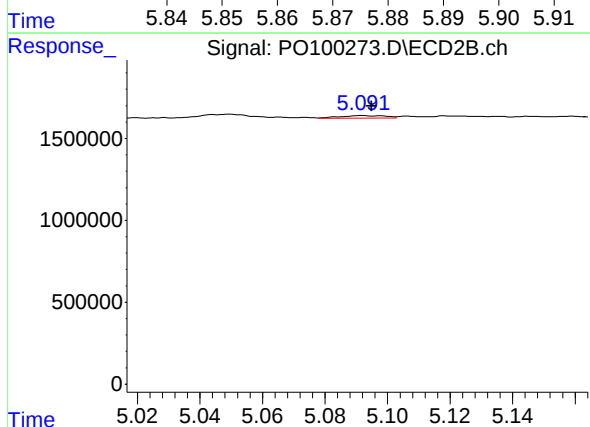
R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 178097
Conc: 9.30 ng/ml



#19 AR-1242-4

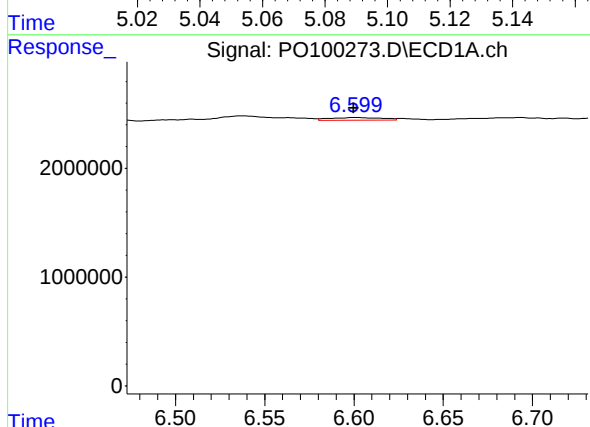
R.T.: 5.875 min
Delta R.T.: 0.022 min
Response: 133294
Conc: 5.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



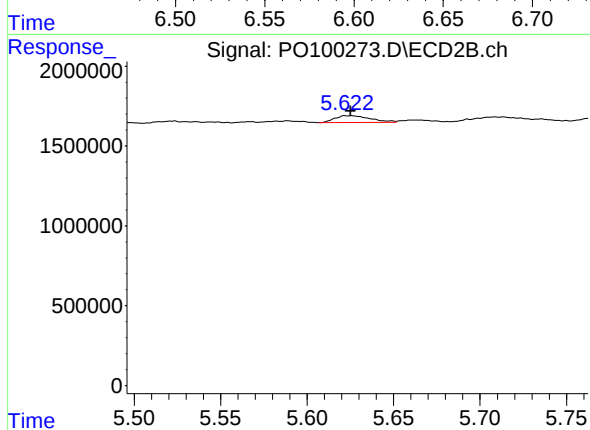
#19 AR-1242-4

R.T.: 5.092 min
Delta R.T.: -0.003 min
Response: 167348
Conc: 8.31 ng/ml



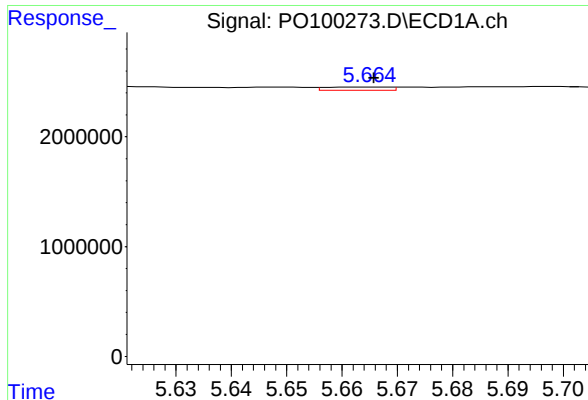
#20 AR-1242-5

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 475924
Conc: 21.29 ng/ml



#20 AR-1242-5

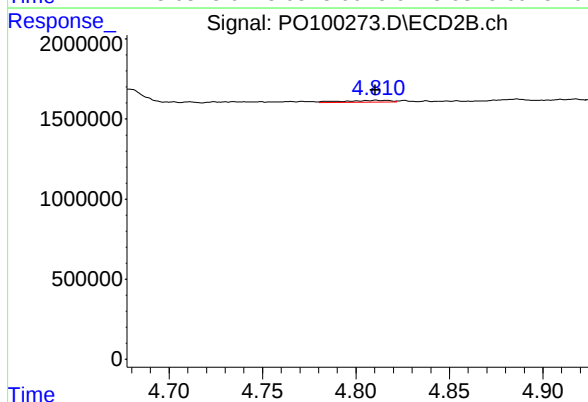
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 615856
Conc: 26.36 ng/ml



#21 AR-1248-1

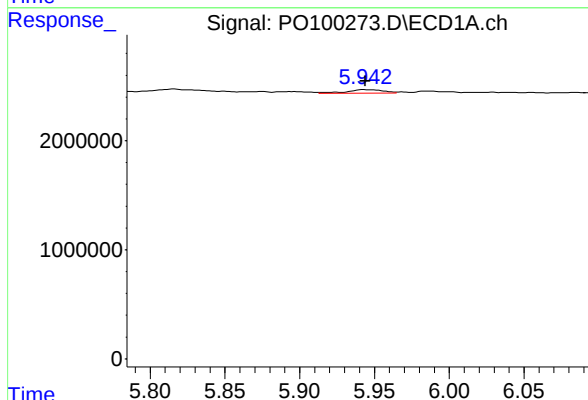
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 234513
Conc: 9.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



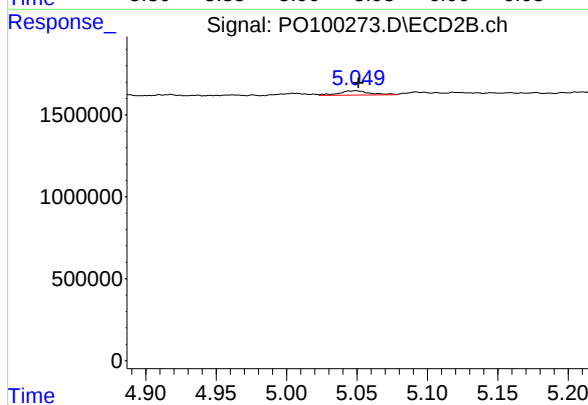
#21 AR-1248-1

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 188990
Conc: 9.45 ng/ml



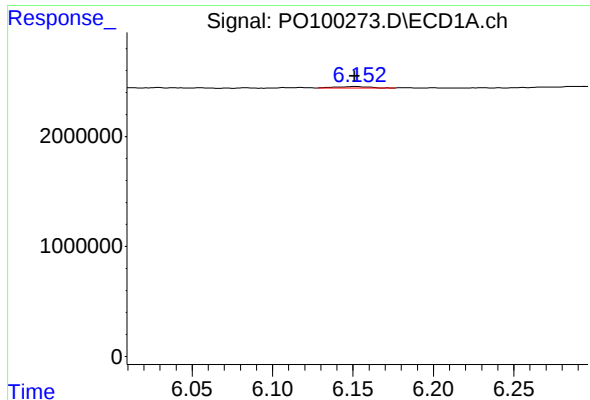
#22 AR-1248-2

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 552007
Conc: 13.50 ng/ml



#22 AR-1248-2

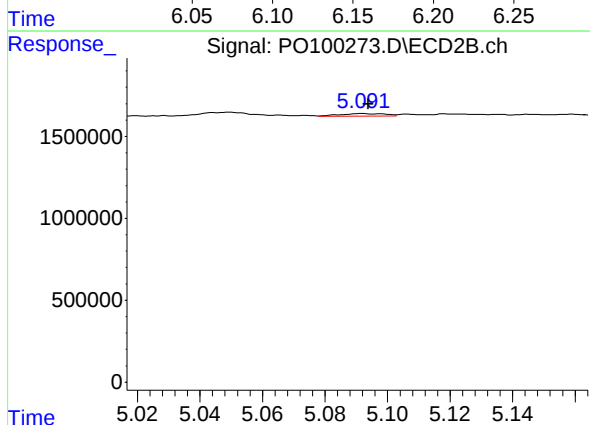
R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 397333
Conc: 14.20 ng/ml



#23 AR-1248-3

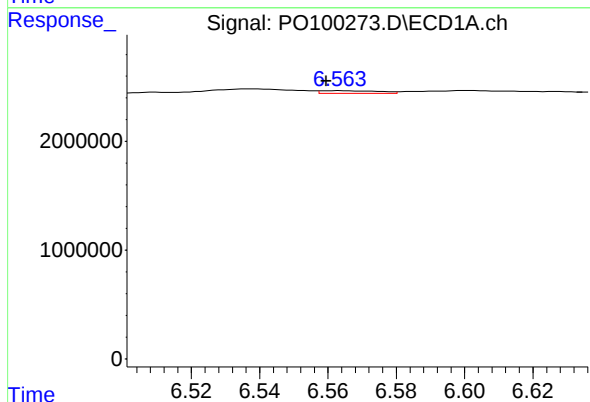
R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 196906
Conc: 4.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



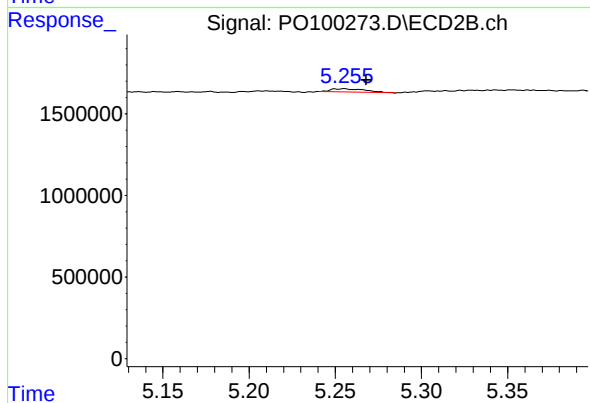
#23 AR-1248-3

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 167348
Conc: 5.80 ng/ml



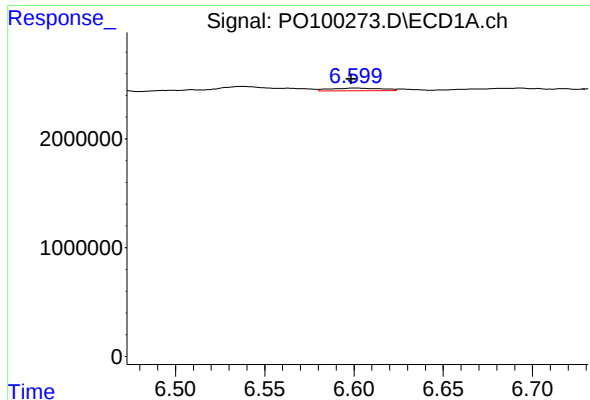
#24 AR-1248-4

R.T.: 6.563 min
Delta R.T.: 0.003 min
Response: 288258
Conc: 7.65 ng/ml



#24 AR-1248-4

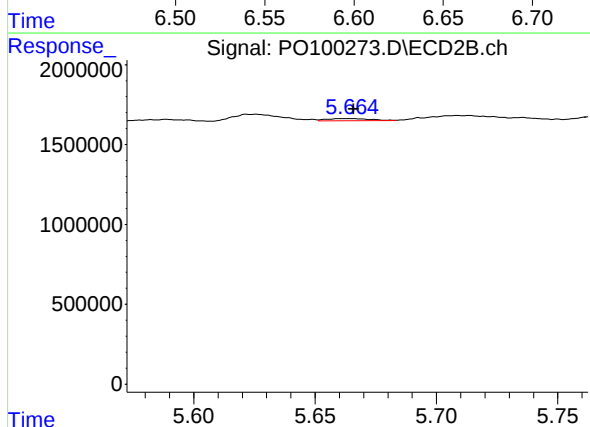
R.T.: 5.255 min
Delta R.T.: -0.013 min
Response: 278147
Conc: 8.48 ng/ml



#25 AR-1248-5

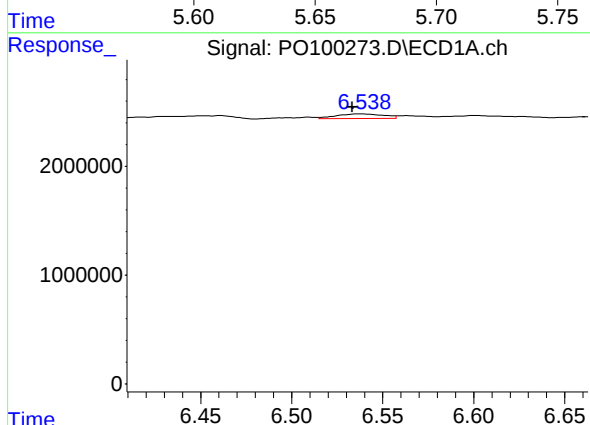
R.T.: 6.600 min
Delta R.T.: 0.002 min
Response: 475924
Conc: 12.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



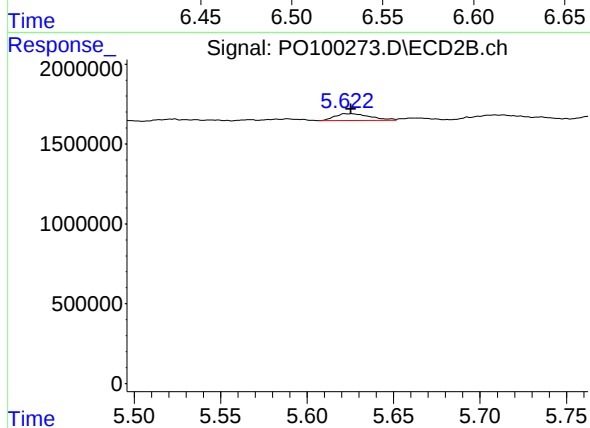
#25 AR-1248-5

R.T.: 5.664 min
Delta R.T.: -0.002 min
Response: 170529
Conc: 5.71 ng/ml



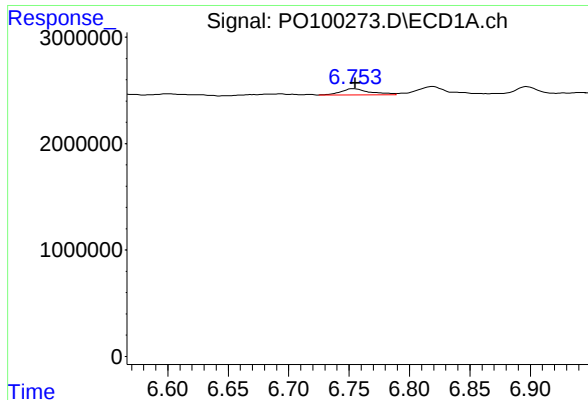
#26 AR-1254-1

R.T.: 6.539 min
Delta R.T.: 0.005 min
Response: 787358
Conc: 16.35 ng/ml



#26 AR-1254-1

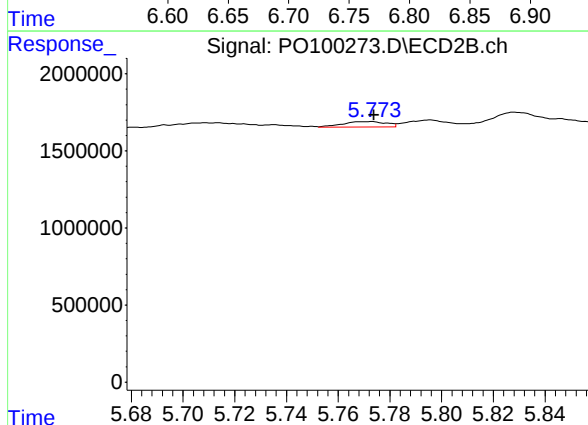
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 615856
Conc: 11.88 ng/ml



#27 AR-1254-2

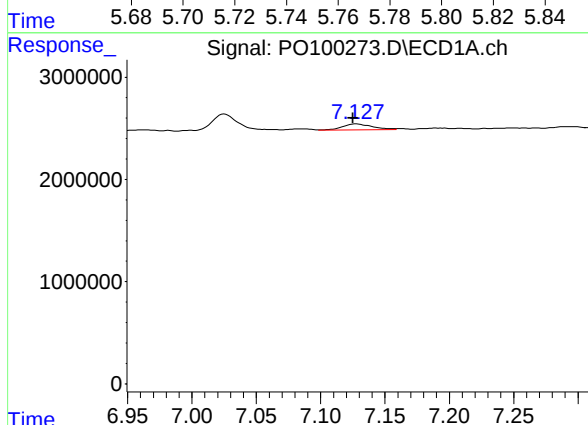
R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 969613
Conc: 14.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



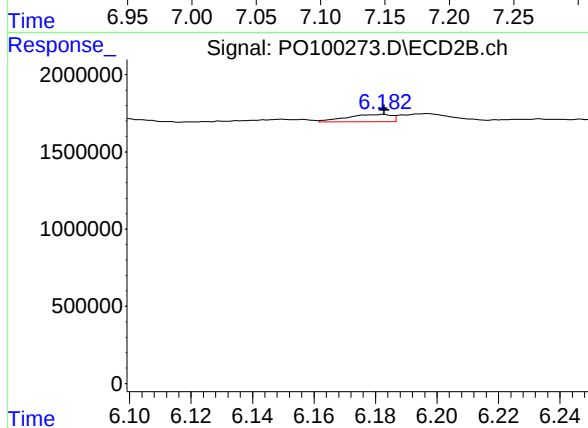
#27 AR-1254-2

R.T.: 5.771 min
Delta R.T.: -0.002 min
Response: 401457
Conc: 8.62 ng/ml



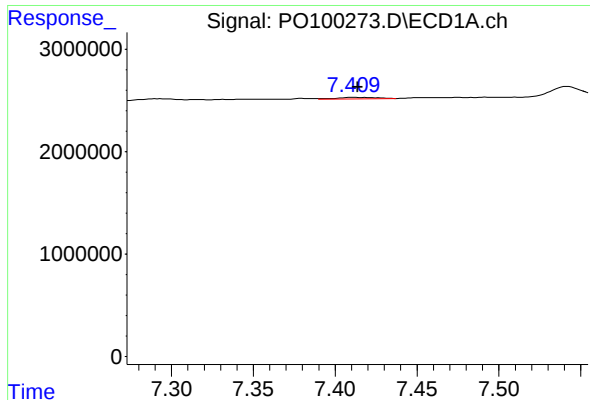
#28 AR-1254-3

R.T.: 7.128 min
Delta R.T.: 0.002 min
Response: 951742
Conc: 14.94 ng/ml



#28 AR-1254-3

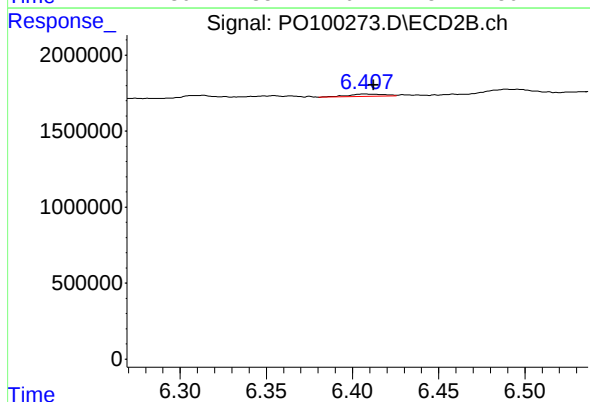
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 477303
Conc: 6.12 ng/ml



#29 AR-1254-4

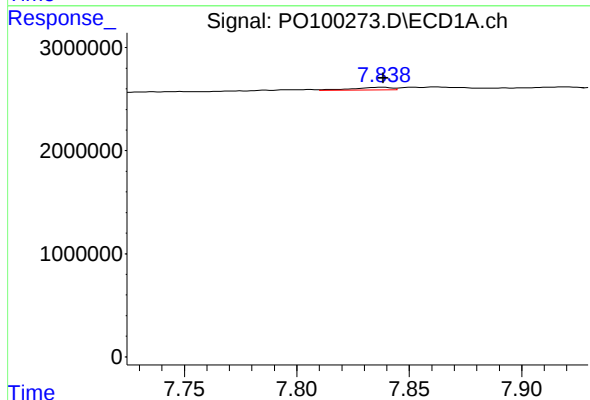
R.T.: 7.411 min
Delta R.T.: -0.003 min
Response: 251228
Conc: 6.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



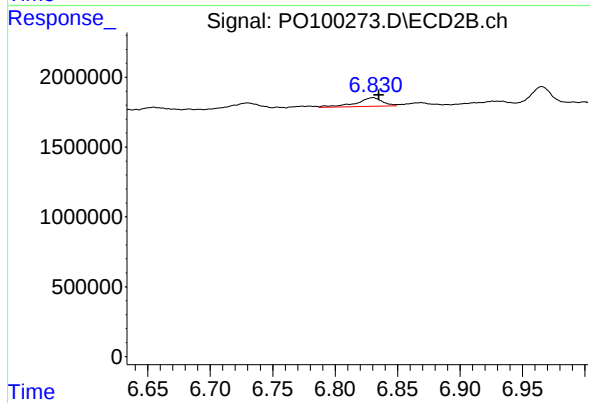
#29 AR-1254-4

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 227226
Conc: 5.32 ng/ml



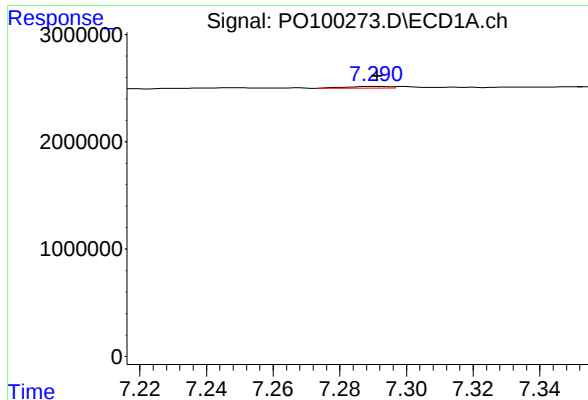
#30 AR-1254-5

R.T.: 7.838 min
Delta R.T.: 0.000 min
Response: 322552
Conc: 7.54 ng/ml



#30 AR-1254-5

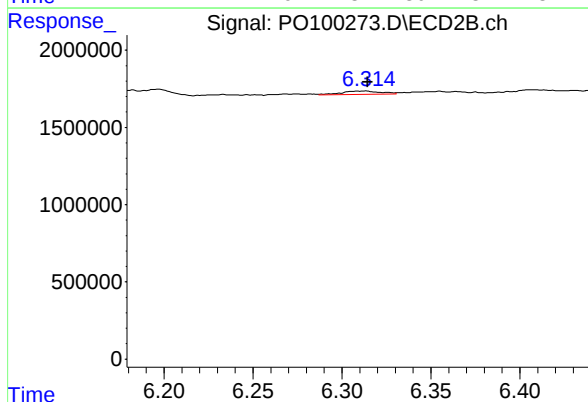
R.T.: 6.830 min
Delta R.T.: -0.005 min
Response: 911850
Conc: 12.60 ng/ml



#31 AR-1260-1

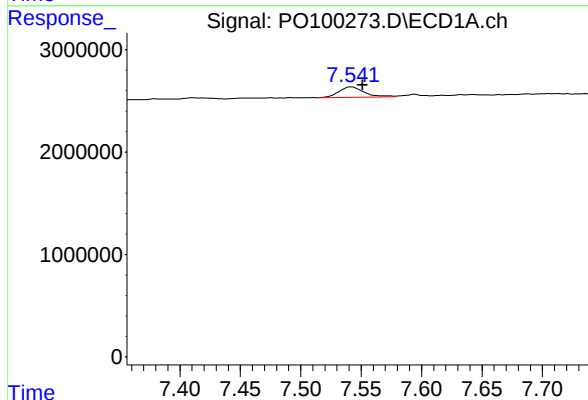
R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 138391
Conc: 2.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



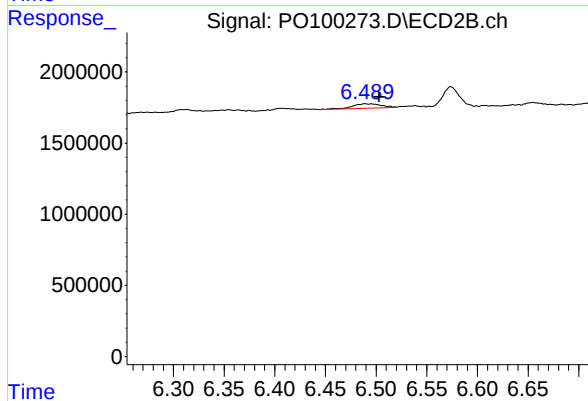
#31 AR-1260-1

R.T.: 6.313 min
Delta R.T.: -0.001 min
Response: 335668
Conc: 5.81 ng/ml



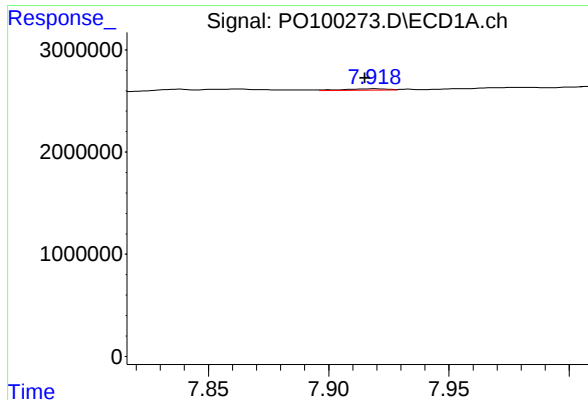
#32 AR-1260-2

R.T.: 7.542 min
Delta R.T.: -0.009 min
Response: 1467708
Conc: 27.75 ng/ml



#32 AR-1260-2

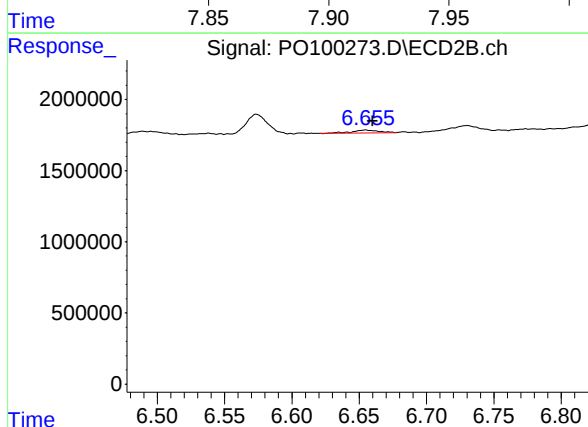
R.T.: 6.489 min
Delta R.T.: -0.014 min
Response: 625024
Conc: 9.41 ng/ml



#33 AR-1260-3

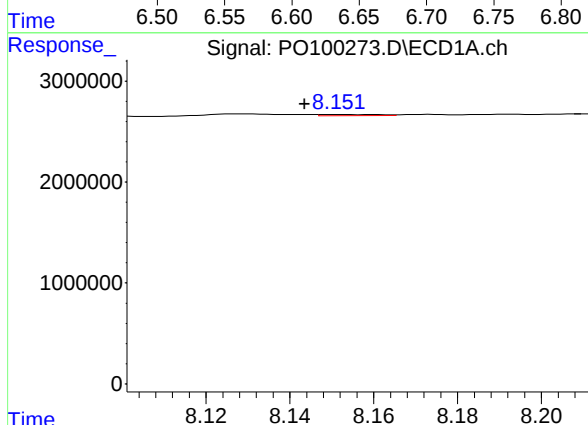
R.T.: 7.920 min
Delta R.T.: 0.004 min
Response: 165626
Conc: 4.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



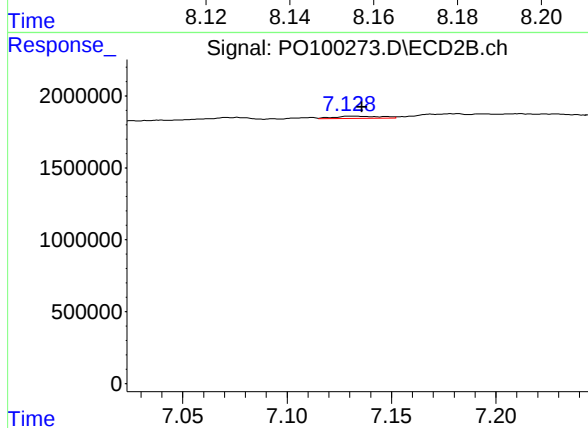
#33 AR-1260-3

R.T.: 6.655 min
Delta R.T.: -0.005 min
Response: 265651
Conc: 4.15 ng/ml



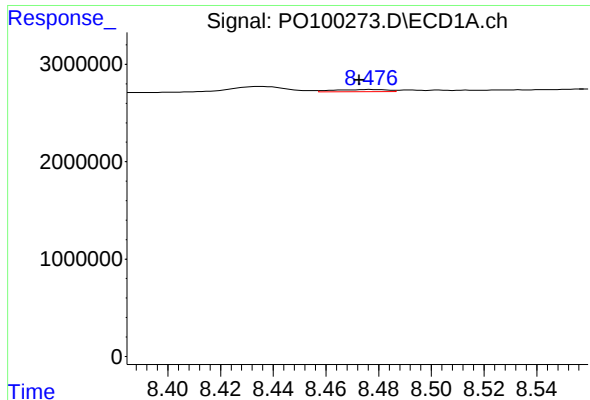
#34 AR-1260-4

R.T.: 8.151 min
Delta R.T.: 0.008 min
Response: 107400
Conc: 2.59 ng/ml



#34 AR-1260-4

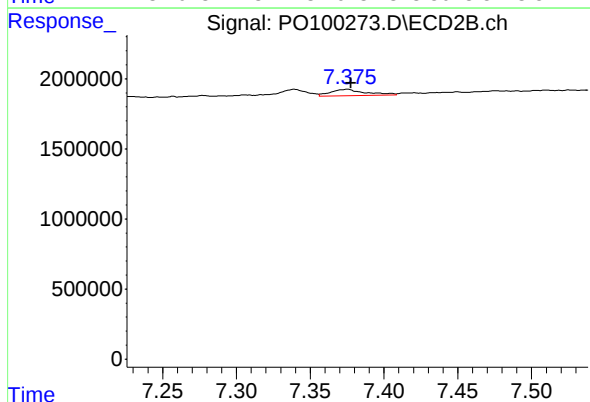
R.T.: 7.130 min
Delta R.T.: -0.005 min
Response: 240616
Conc: 4.77 ng/ml



#35 AR-1260-5

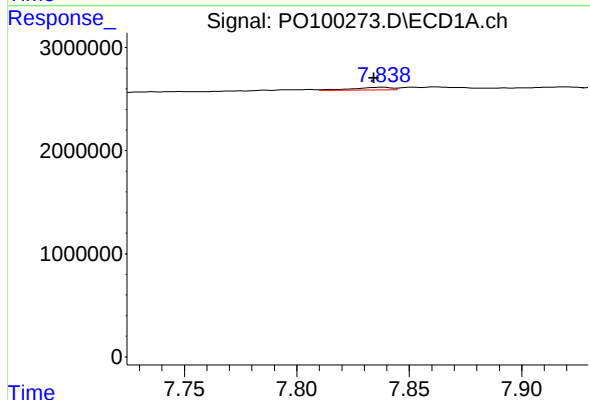
R.T.: 8.477 min
Delta R.T.: 0.005 min
Response: 307536
Conc: 4.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



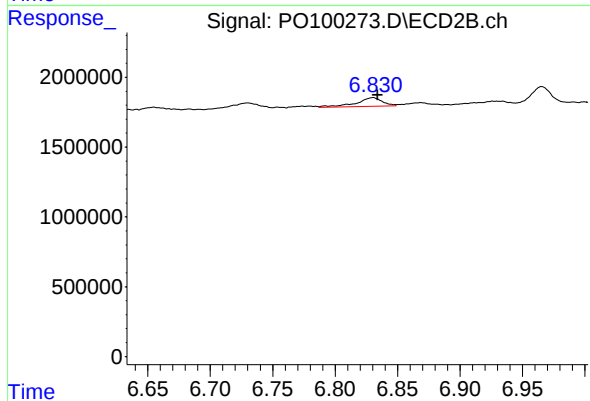
#35 AR-1260-5

R.T.: 7.375 min
Delta R.T.: -0.002 min
Response: 748271
Conc: 6.67 ng/ml



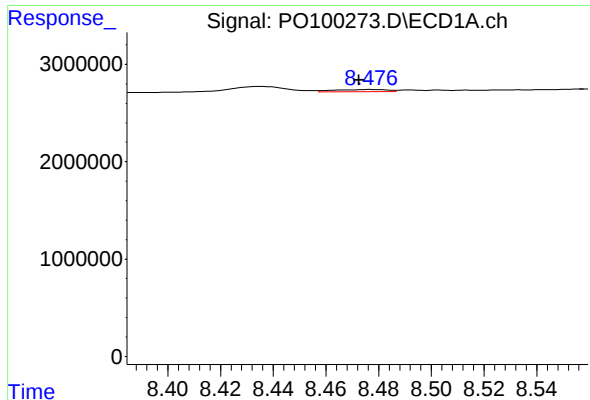
#36 AR-1262-1

R.T.: 7.838 min
Delta R.T.: 0.004 min
Response: 322552
Conc: 8.92 ng/ml



#36 AR-1262-1

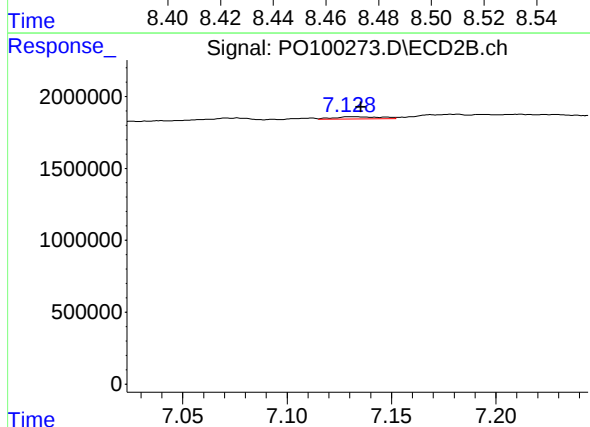
R.T.: 6.830 min
Delta R.T.: -0.004 min
Response: 911850
Conc: 23.86 ng/ml



#37 AR-1262-2

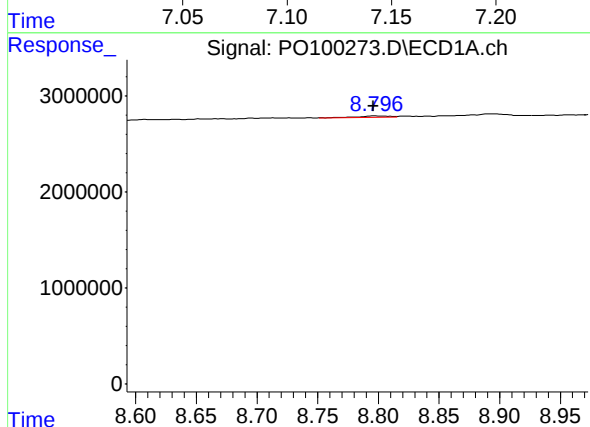
R.T.: 8.477 min
Delta R.T.: 0.005 min
Response: 307536
Conc: 3.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



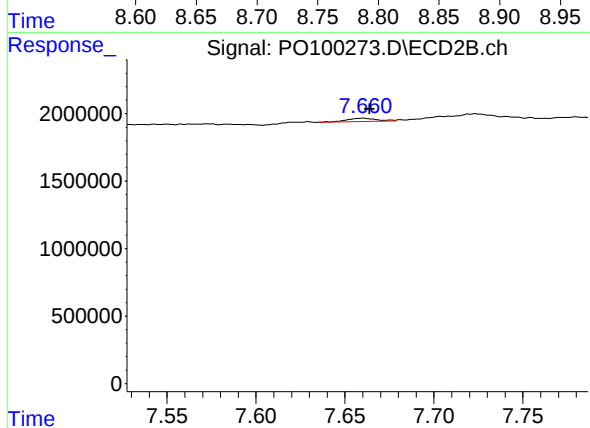
#37 AR-1262-2

R.T.: 7.130 min
Delta R.T.: -0.005 min
Response: 240616
Conc: 3.19 ng/ml



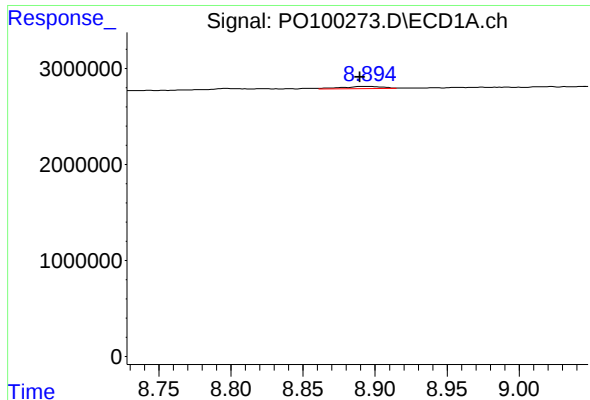
#38 AR-1262-3

R.T.: 8.797 min
Delta R.T.: 0.001 min
Response: 241576
Conc: 4.01 ng/ml



#38 AR-1262-3

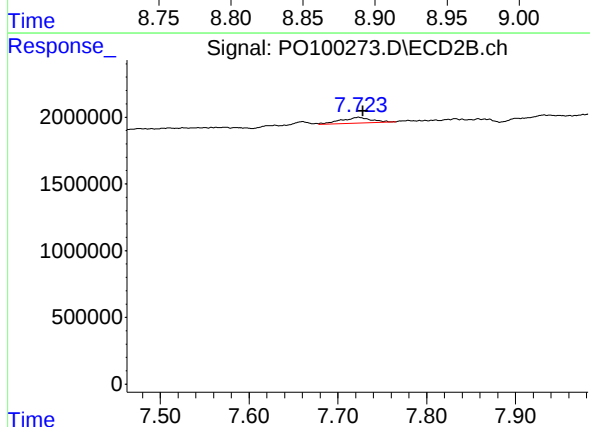
R.T.: 7.660 min
Delta R.T.: -0.004 min
Response: 285767
Conc: 4.91 ng/ml



#39 AR-1262-4

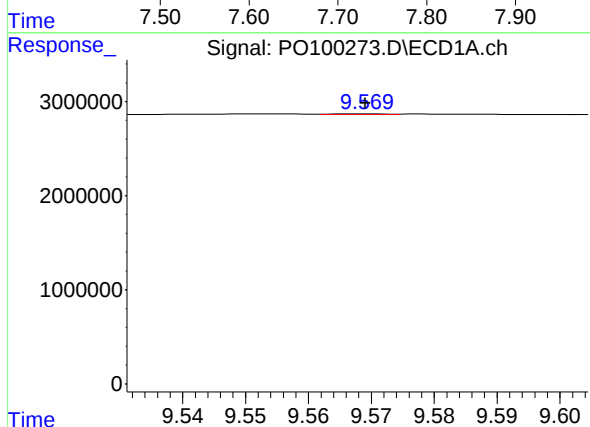
R.T.: 8.895 min
Delta R.T.: 0.005 min
Response: 449132
Conc: 9.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



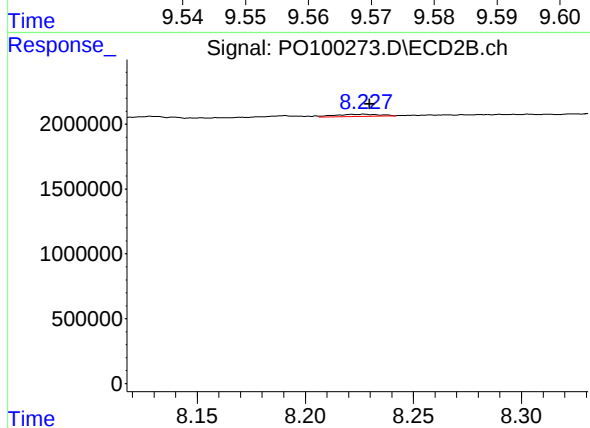
#39 AR-1262-4

R.T.: 7.723 min
Delta R.T.: -0.005 min
Response: 1033897
Conc: 10.06 ng/ml



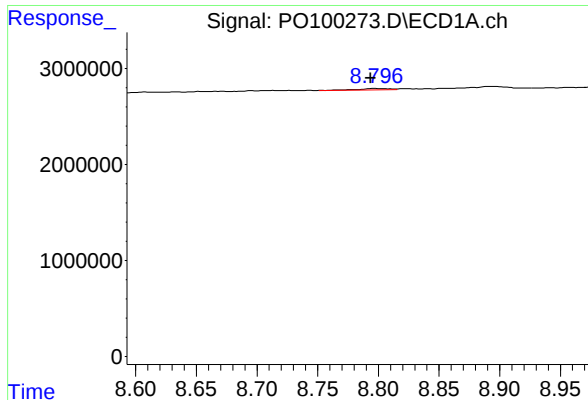
#40 AR-1262-5

R.T.: 9.570 min
Delta R.T.: 0.000 min
Response: 46858
Conc: 1.79 ng/ml



#40 AR-1262-5

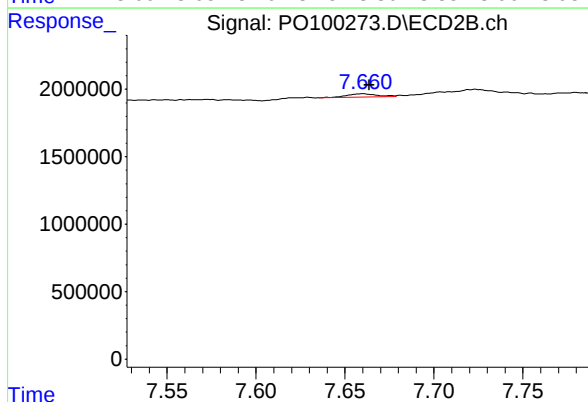
R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 237162
Conc: 5.44 ng/ml



#41 AR-1268-1

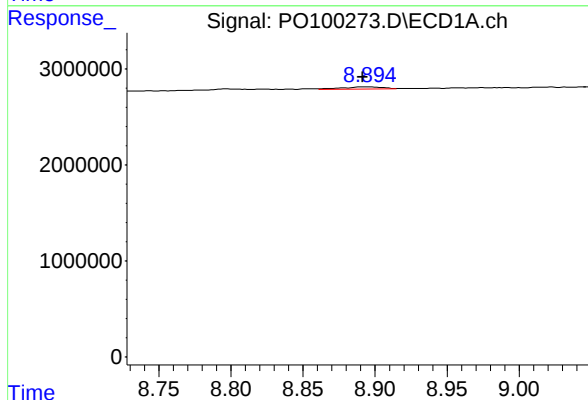
R.T.: 8.797 min
Delta R.T.: 0.003 min
Response: 241576
Conc: 2.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



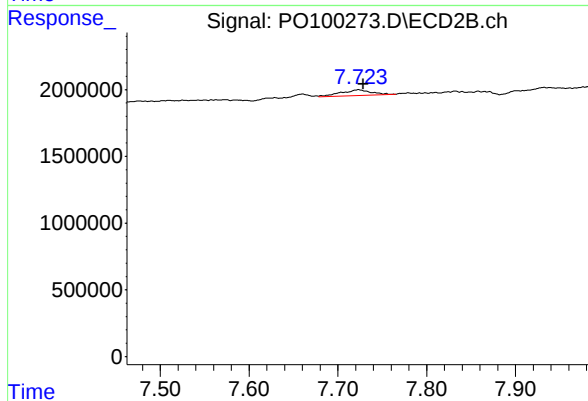
#41 AR-1268-1

R.T.: 7.660 min
Delta R.T.: -0.004 min
Response: 285767
Conc: 1.72 ng/ml



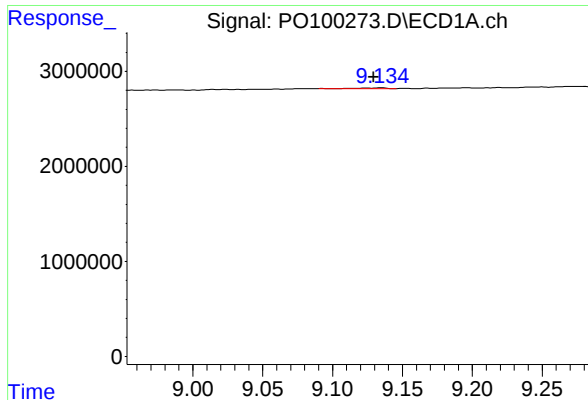
#42 AR-1268-2

R.T.: 8.895 min
Delta R.T.: 0.003 min
Response: 449132
Conc: 4.67 ng/ml



#42 AR-1268-2

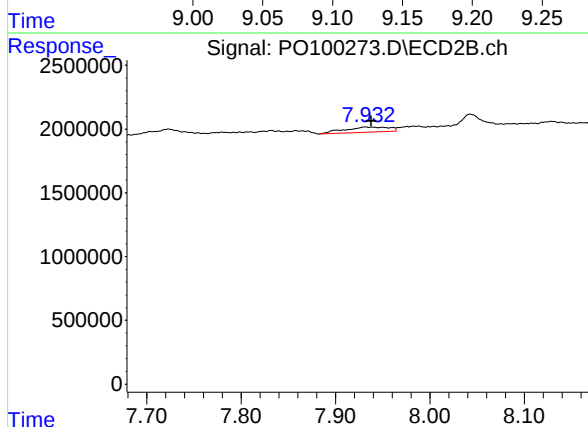
R.T.: 7.723 min
Delta R.T.: -0.005 min
Response: 1033897
Conc: 6.77 ng/ml



#43 AR-1268-3

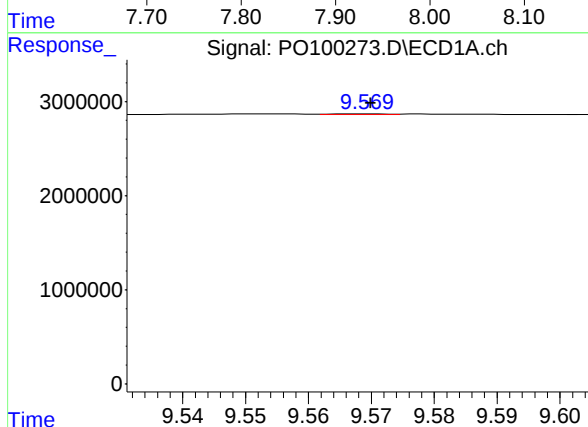
R.T.: 9.135 min
Delta R.T.: 0.006 min
Response: 95303
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



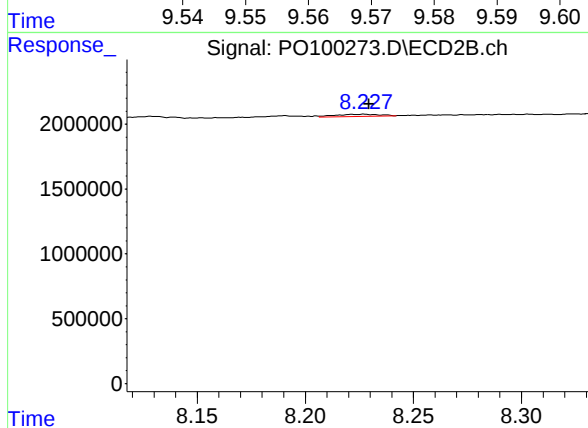
#43 AR-1268-3

R.T.: 7.932 min
Delta R.T.: -0.006 min
Response: 1285607
Conc: 8.97 ng/ml



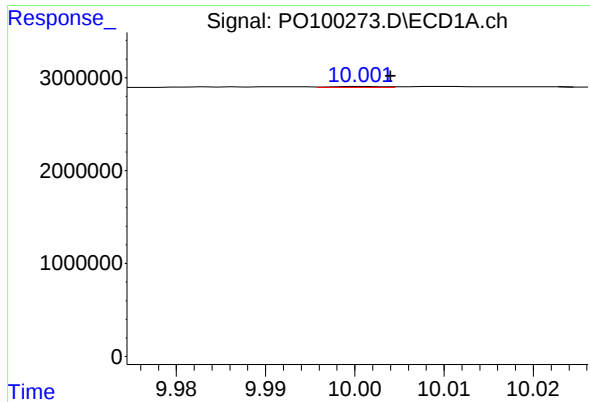
#44 AR-1268-4

R.T.: 9.570 min
Delta R.T.: 0.000 min
Response: 46858
Conc: 1.65 ng/ml



#44 AR-1268-4

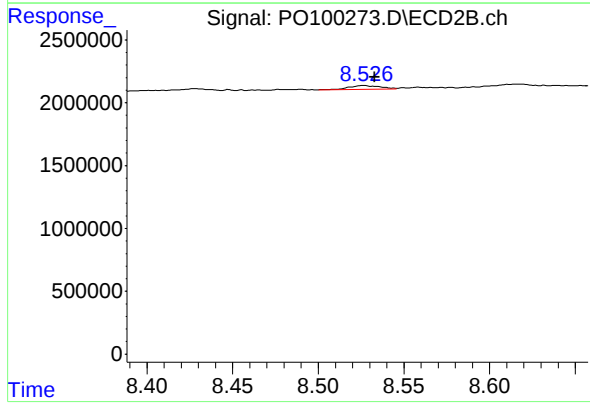
R.T.: 8.227 min
Delta R.T.: -0.002 min
Response: 237162
Conc: 5.05 ng/ml



#45 AR-1268-5

R.T.: 10.001 min
Delta R.T.: -0.003 min
Response: 41306
Conc: 0.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.526 min
Delta R.T.: -0.007 min
Response: 356442
Conc: 0.90 ng/ml