

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0121823\
 Data File : P0100573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2023 22:58
 Operator : YP/AJ
 Sample : 05886-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 03:03:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0121523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 16 05:19:37 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...	4.448	3.716	1425100	109186	0.901	0.072 #
2) SA Decachlor...	10.366	8.810	55838	-30540	0.050	N.D. #
Target Compounds						
3) L1 AR-1016-1	5.617f	4.816	992682	1504241	21.432	45.590 #
4) L1 AR-1016-2	5.705	4.816	1305175	1504241	19.216	33.198 #
5) L1 AR-1016-3	5.757	4.997	1123099	111526	26.716	4.664 #
6) L1 AR-1016-4	5.842	5.023	117292	64626	3.539	3.162
7) L1 AR-1016-5	6.143	5.235	-199462	1494775	N.D.	58.158 #
8) L2 AR-1221-1	4.743f	3.940	436511	91107	24.840	5.095 #
9) L2 AR-1221-2	4.784	3.999	916607	79051	69.419	6.044 #
10) L2 AR-1221-3	4.815	4.104	1076654	1357212	25.971	36.421 #
11) L3 AR-1232-1	4.815	4.104	1076654	1357212	33.302	45.822 #
12) L3 AR-1232-2	5.412	4.816	527868	1504241	31.117	72.016 #
13) L3 AR-1232-3	5.705	4.997	1305175	111526	44.002	10.319 #
14) L3 AR-1232-4	5.842	5.086	117292	192783	8.598	18.693 #
15) L3 AR-1232-5	5.921	5.235	477461	1494775	39.794	135.095 #
16) L4 AR-1242-1	5.617f	4.816	992682	1504241	26.823	55.137 #
17) L4 AR-1242-2	5.705	4.816	1305175	1504241	24.168	39.996 #
18) L4 AR-1242-3	5.757	4.997	1123099	111526	33.731	5.590 #
19) L4 AR-1242-4	5.842	5.086	117292	192783	4.512	9.187 #
20) L4 AR-1242-5	6.587	5.598	2600459	886478	105.617	38.180 #
21) L5 AR-1248-1	5.617f	4.778	992682	318122	36.904	15.276 #
22) L5 AR-1248-2	5.921	5.023	477461	64626	10.574	2.207 #
23) L5 AR-1248-3	6.143	5.086	-199462	192783	N.D.	6.394 #
24) L5 AR-1248-4	6.528	5.235	910709	1494775	20.884	43.334 #
25) L5 AR-1248-5	6.587	5.651	2600459	1946741	62.426	66.105
26) L6 AR-1254-1	6.528	5.598	910709	886478	16.610	17.625
27) L6 AR-1254-2	6.729	5.741	-401242	1442849	N.D.	31.367 #
28) L6 AR-1254-3	7.085	6.166	2029598	1091409	26.549	14.439 #
29) L6 AR-1254-4	7.395	6.397	96238	671313	2.219	15.900 #
30) L6 AR-1254-5	7.817	6.806	279074	329312	5.035	4.491
31) L7 AR-1260-1	7.304	6.309	1964448	846909	30.570	14.037 #
32) L7 AR-1260-2	7.545	6.480	205601	1776768	2.910	24.862 #
33) L7 AR-1260-3	7.876	6.628	550898	517344	9.865	7.371 #
34) L7 AR-1260-4	8.119	7.092	252212	237581	4.112	3.933
35) L7 AR-1260-5	8.459	7.352	1345542	1219297	11.851	9.311
36) L8 AR-1262-1	7.817	6.806	279074	329312	5.972	8.543 #
37) L8 AR-1262-2	8.459	7.092	1345542	237581	11.338	3.052 #
38) L8 AR-1262-3	8.788	7.635	878208	398254	10.549	6.942 #
39) L8 AR-1262-4	8.875	7.704	141675	1211326	2.160	11.068 #
40) L8 AR-1262-5	9.568	8.215	79619	418616	2.040	9.000 #
41) L9 AR-1268-1	8.788	7.635	878208	398254	5.755	2.255 #

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 Quant Time: Dec 19 03:03:03 2023
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 Response via : Initial Calibration
 Integrator: ChemStation

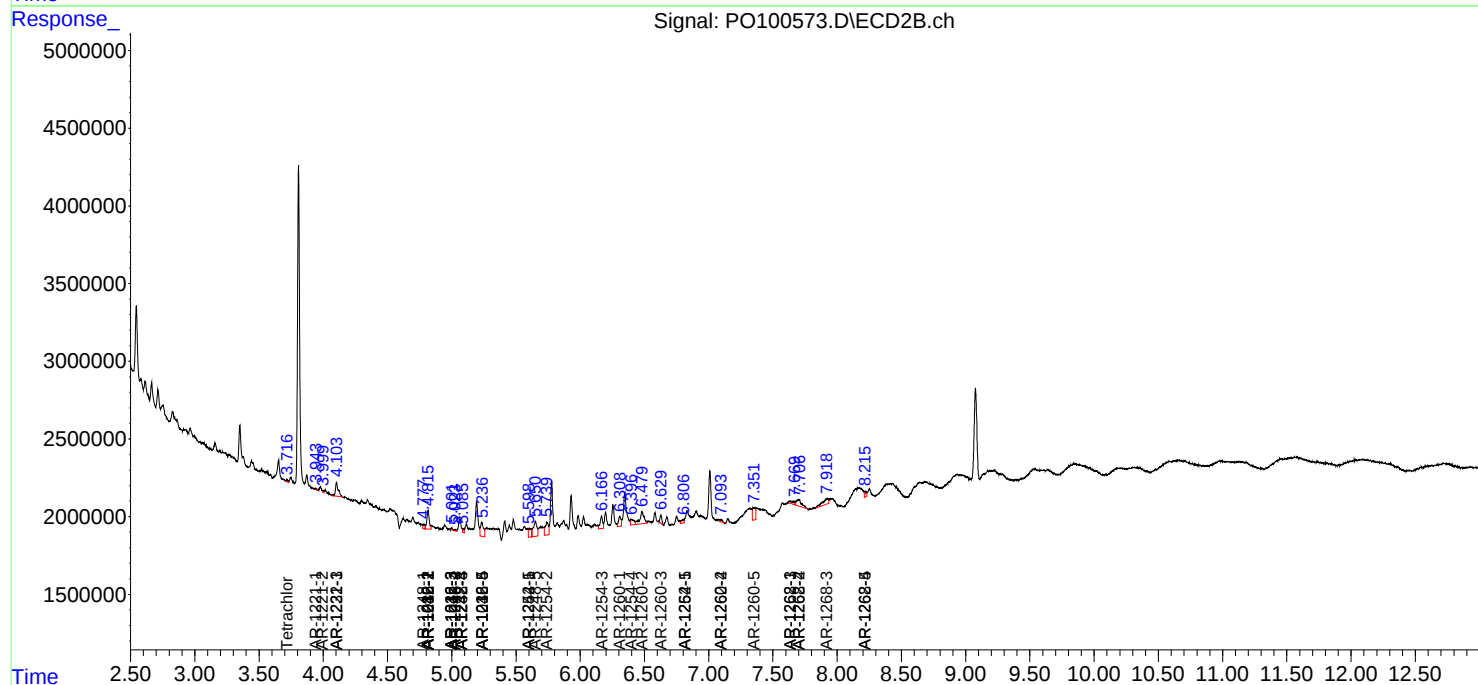
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

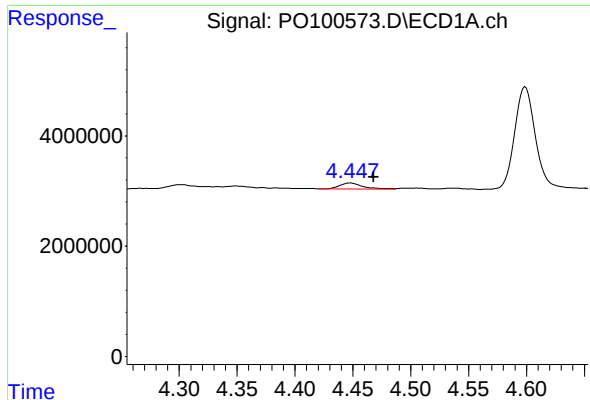
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.875	7.704	141675	1211326	1.061	7.519 #
43) L9	AR-1268-3	9.103	7.918	142140	1147559	1.135	7.612 #
44) L9	AR-1268-4	9.568	8.215	79619	418616	1.868	7.931 #
45) L9	AR-1268-5	9.966	0.000	195482	0	0.544	N.D. #

(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

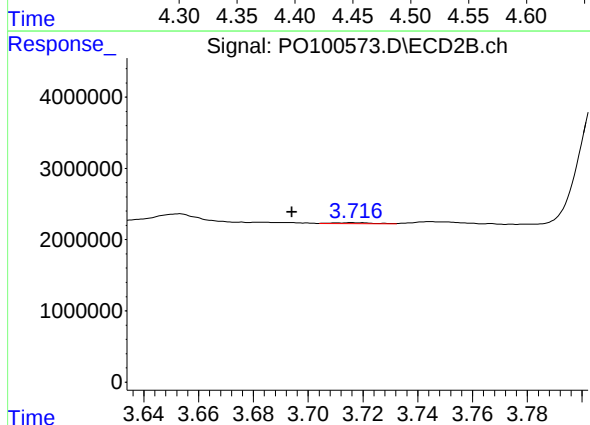




#1 Tetrachloro-m-xylene

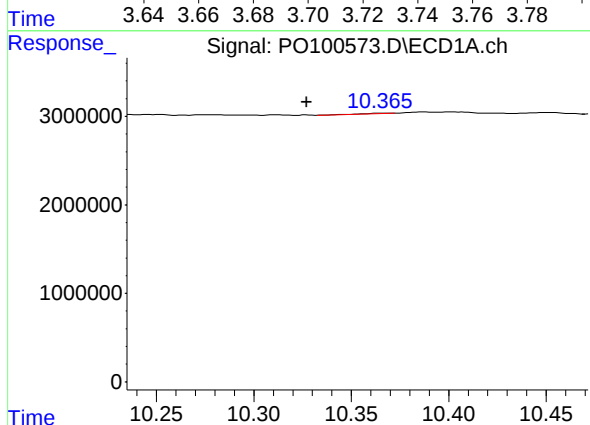
R.T.: 4.448 min
Delta R.T.: -0.020 min
Response: 1425100
Conc: 0.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



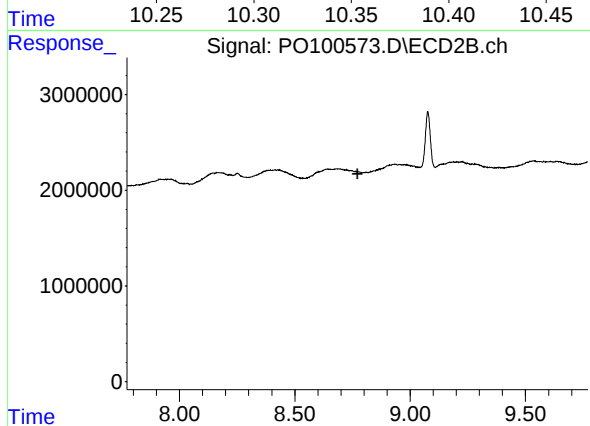
#1 Tetrachloro-m-xylene

R.T.: 3.716 min
Delta R.T.: 0.022 min
Response: 109186
Conc: 0.07 ng/ml



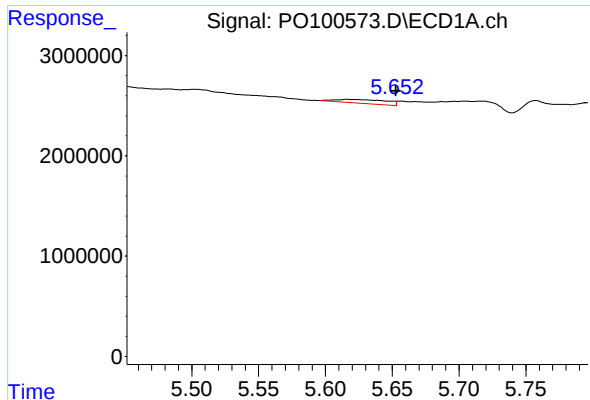
#2 Decachlorobiphenyl

R.T.: 10.366 min
Delta R.T.: 0.039 min
Response: 55838
Conc: 0.05 ng/ml



#2 Decachlorobiphenyl

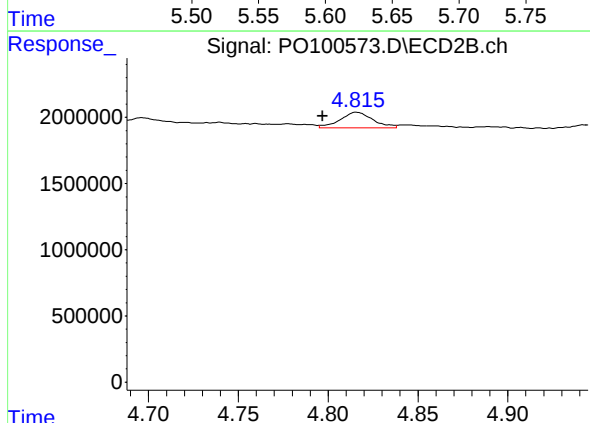
R.T.: 8.810 min
Delta R.T.: 0.038 min
Response: -30540
Conc: N.D.



#3 AR-1016-1

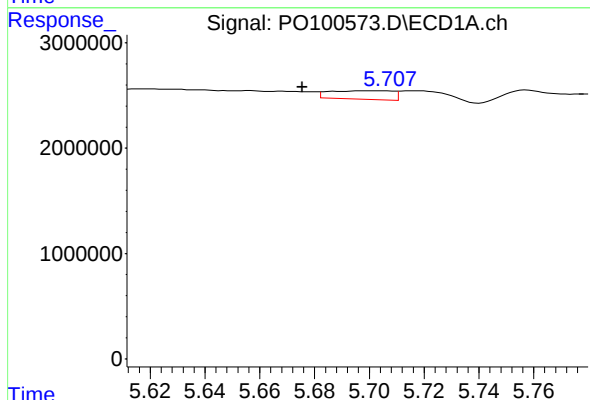
R.T.: 5.617 min
Delta R.T.: -0.036 min
Response: 992682
Conc: 21.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



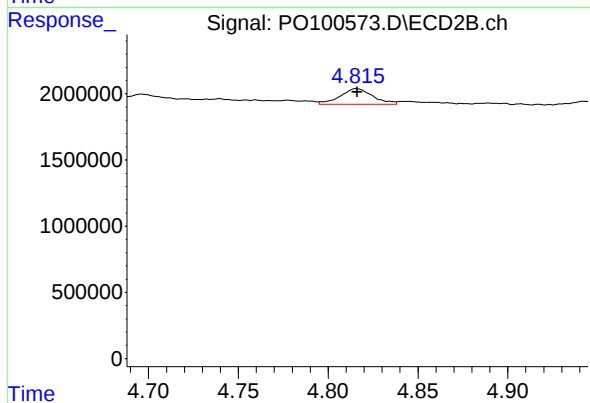
#3 AR-1016-1

R.T.: 4.816 min
Delta R.T.: 0.019 min
Response: 1504241
Conc: 45.59 ng/ml



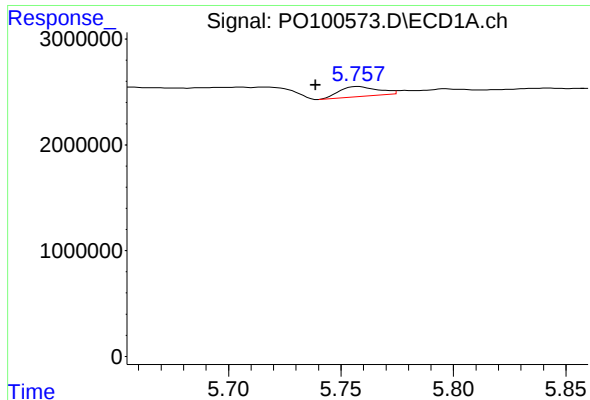
#4 AR-1016-2

R.T.: 5.705 min
Delta R.T.: 0.030 min
Response: 1305175
Conc: 19.22 ng/ml



#4 AR-1016-2

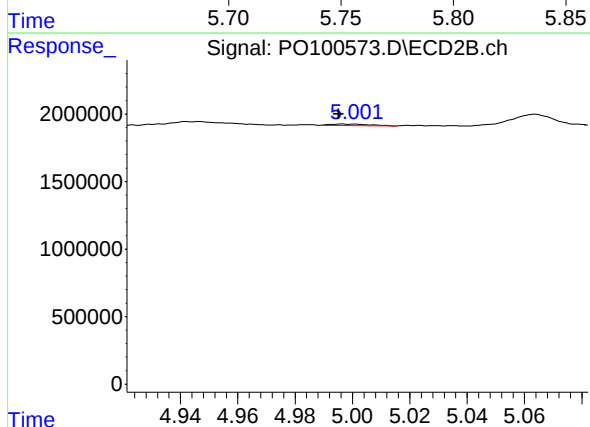
R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 1504241
Conc: 33.20 ng/ml



#5 AR-1016-3

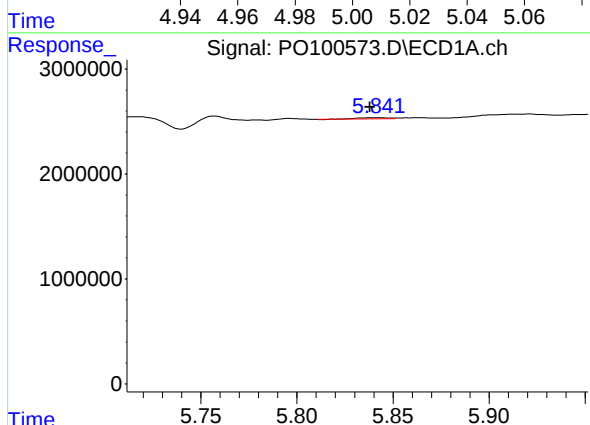
R.T.: 5.757 min
Delta R.T.: 0.019 min
Response: 1123099
Conc: 26.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



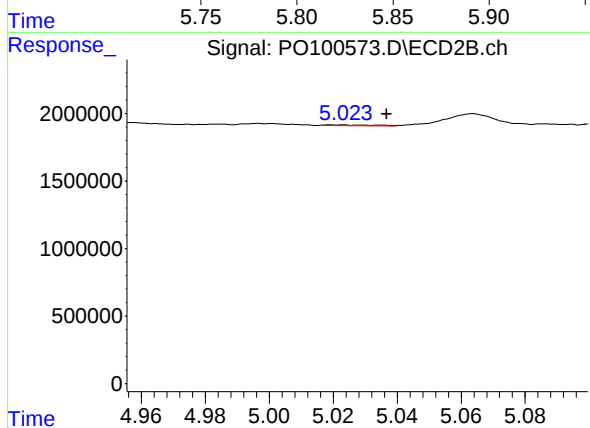
#5 AR-1016-3

R.T.: 4.997 min
Delta R.T.: 0.001 min
Response: 111526
Conc: 4.66 ng/ml



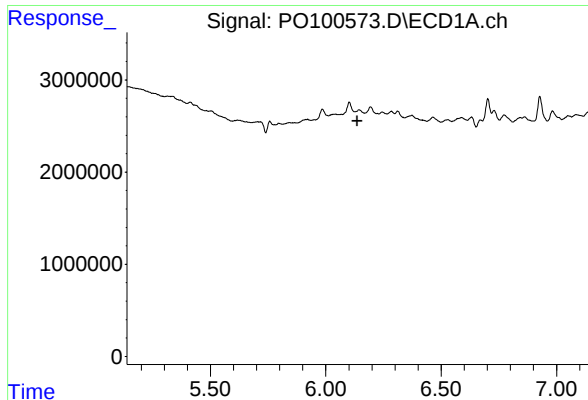
#6 AR-1016-4

R.T.: 5.842 min
Delta R.T.: 0.004 min
Response: 117292
Conc: 3.54 ng/ml



#6 AR-1016-4

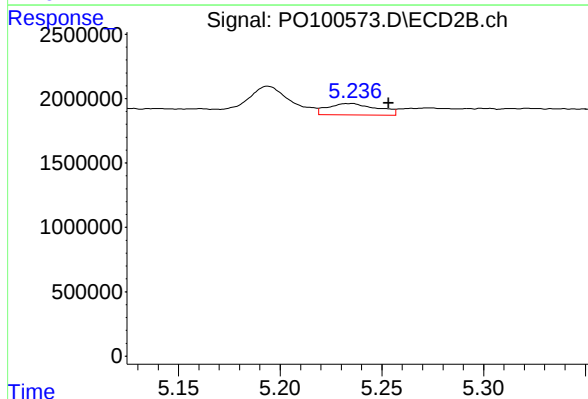
R.T.: 5.023 min
Delta R.T.: -0.014 min
Response: 64626
Conc: 3.16 ng/ml



#7 AR-1016-5

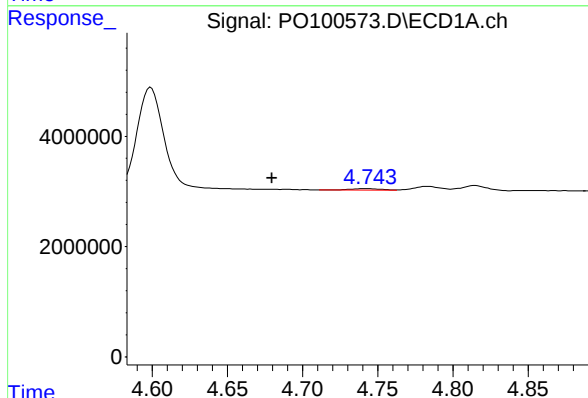
R.T.: 6.143 min
Delta R.T.: 0.007 min
Response: -199462
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



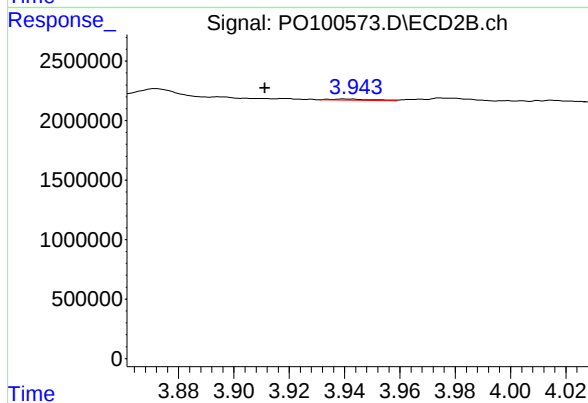
#7 AR-1016-5

R.T.: 5.235 min
Delta R.T.: -0.019 min
Response: 1494775
Conc: 58.16 ng/ml



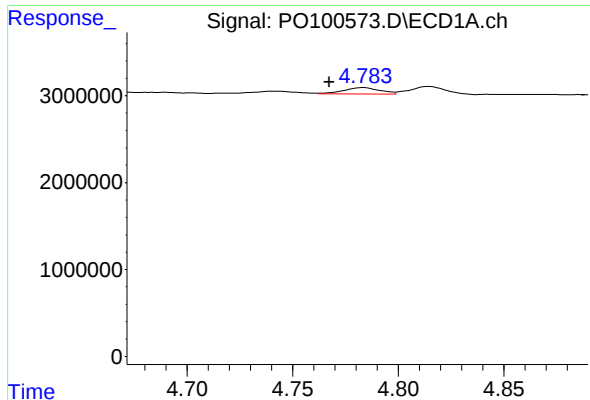
#8 AR-1221-1

R.T.: 4.743 min
Delta R.T.: 0.063 min
Response: 436511
Conc: 24.84 ng/ml



#8 AR-1221-1

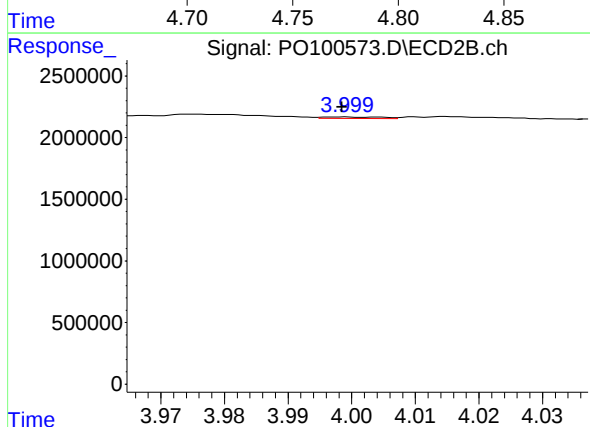
R.T.: 3.940 min
Delta R.T.: 0.029 min
Response: 91107
Conc: 5.09 ng/ml



#9 AR-1221-2

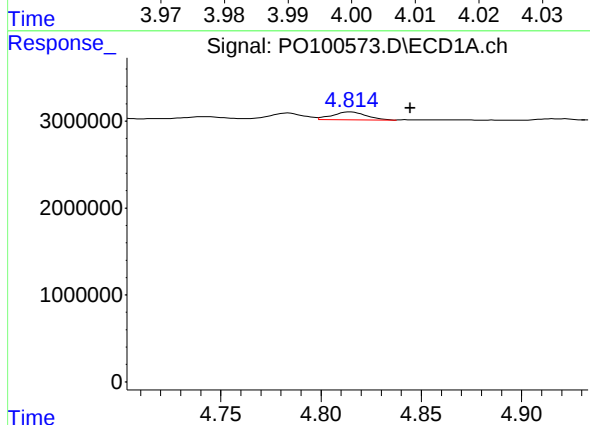
R.T.: 4.784 min
Delta R.T.: 0.016 min
Response: 916607
Conc: 69.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



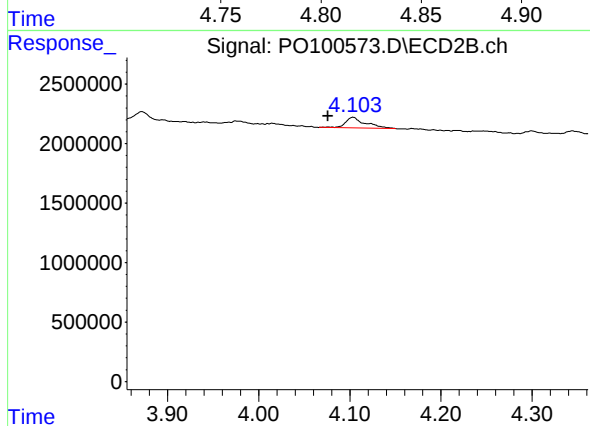
#9 AR-1221-2

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 79051
Conc: 6.04 ng/ml



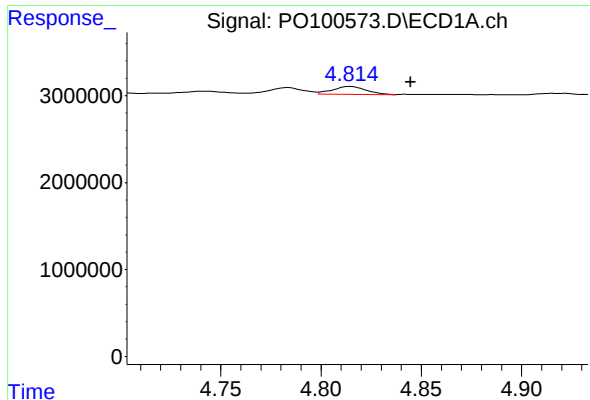
#10 AR-1221-3

R.T.: 4.815 min
Delta R.T.: -0.030 min
Response: 1076654
Conc: 25.97 ng/ml



#10 AR-1221-3

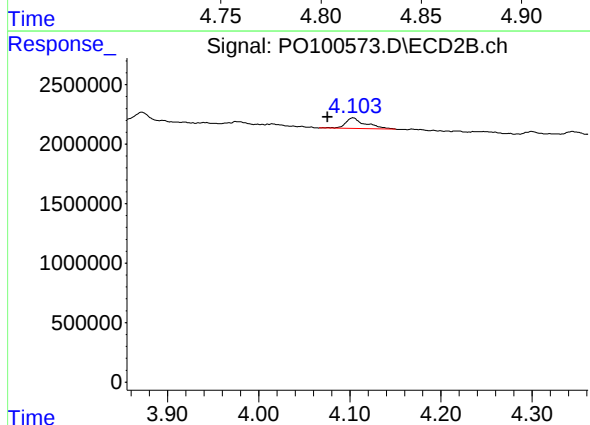
R.T.: 4.104 min
Delta R.T.: 0.028 min
Response: 1357212
Conc: 36.42 ng/ml



#11 AR-1232-1

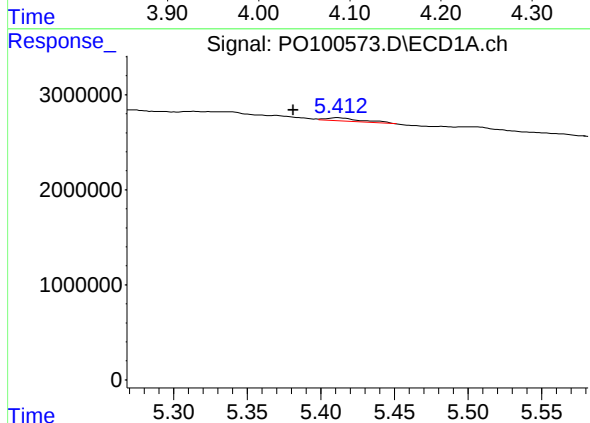
R.T.: 4.815 min
Delta R.T.: -0.030 min
Response: 1076654
Conc: 33.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



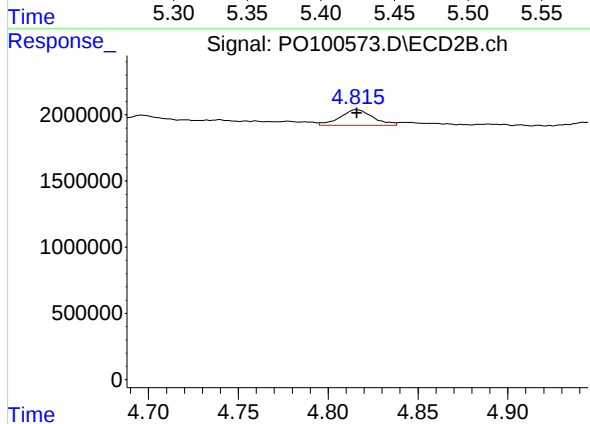
#11 AR-1232-1

R.T.: 4.104 min
Delta R.T.: 0.028 min
Response: 1357212
Conc: 45.82 ng/ml



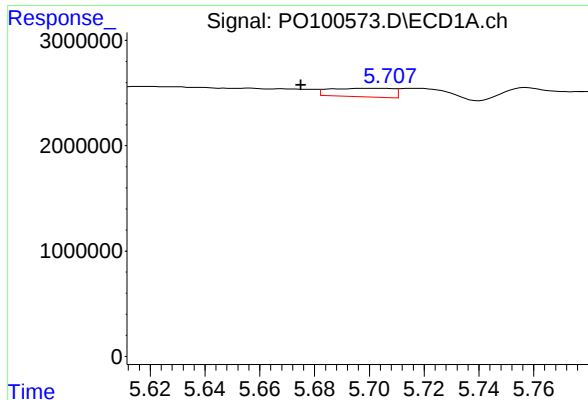
#12 AR-1232-2

R.T.: 5.412 min
Delta R.T.: 0.030 min
Response: 527868
Conc: 31.12 ng/ml



#12 AR-1232-2

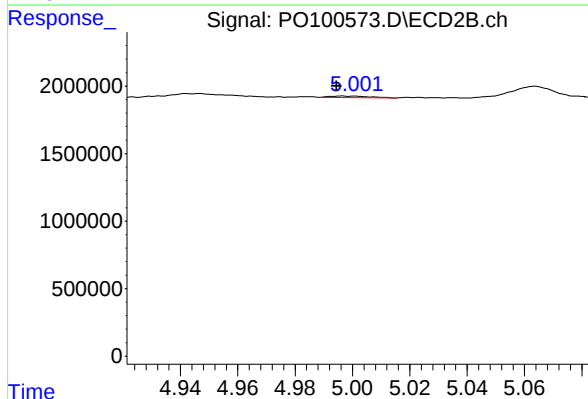
R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 1504241
Conc: 72.02 ng/ml



#13 AR-1232-3

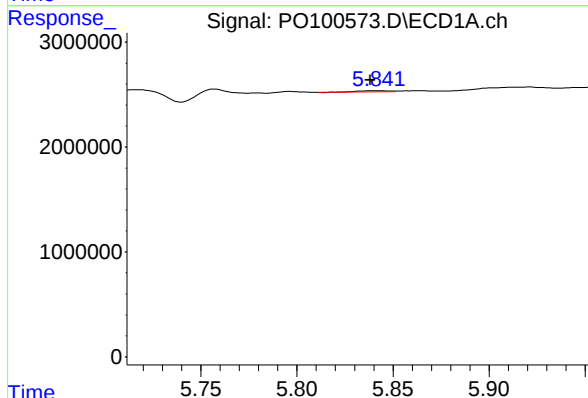
R.T.: 5.705 min
Delta R.T.: 0.030 min
Response: 1305175
Conc: 44.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



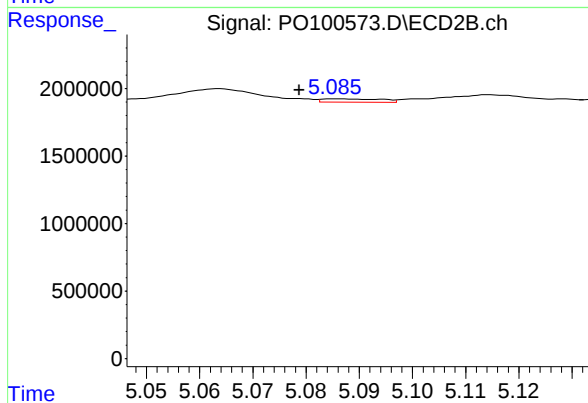
#13 AR-1232-3

R.T.: 4.997 min
Delta R.T.: 0.002 min
Response: 111526
Conc: 10.32 ng/ml



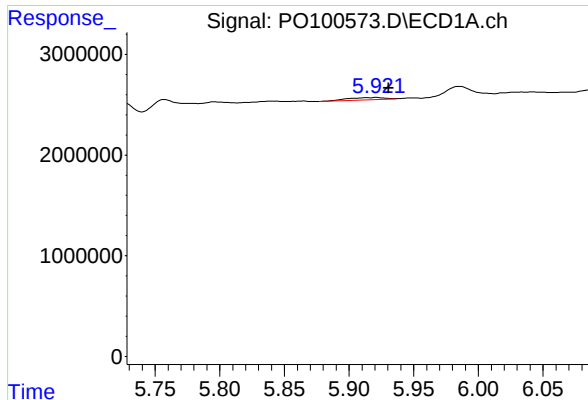
#14 AR-1232-4

R.T.: 5.842 min
Delta R.T.: 0.004 min
Response: 117292
Conc: 8.60 ng/ml



#14 AR-1232-4

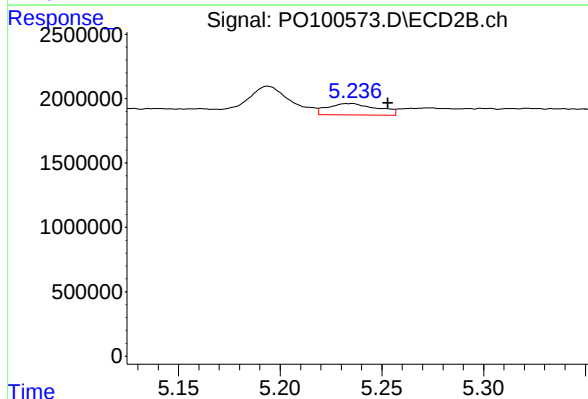
R.T.: 5.086 min
Delta R.T.: 0.007 min
Response: 192783
Conc: 18.69 ng/ml



#15 AR-1232-5

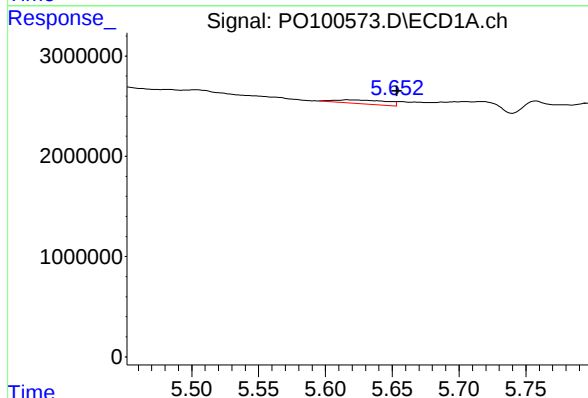
R.T.: 5.921 min
Delta R.T.: -0.009 min
Response: 477461
Conc: 39.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



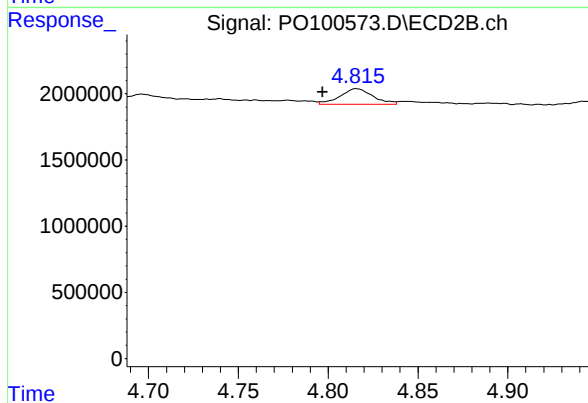
#15 AR-1232-5

R.T.: 5.235 min
Delta R.T.: -0.018 min
Response: 1494775
Conc: 135.10 ng/ml



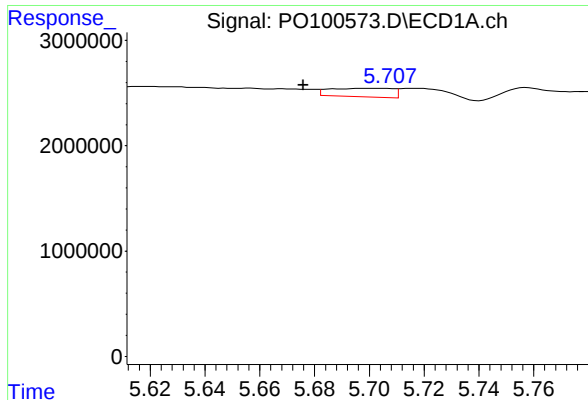
#16 AR-1242-1

R.T.: 5.617 min
Delta R.T.: -0.037 min
Response: 992682
Conc: 26.82 ng/ml



#16 AR-1242-1

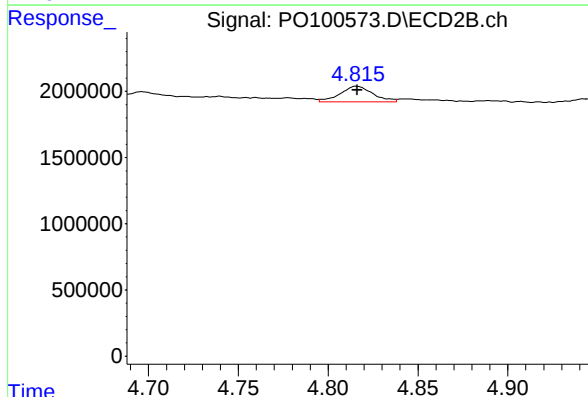
R.T.: 4.816 min
Delta R.T.: 0.019 min
Response: 1504241
Conc: 55.14 ng/ml



#17 AR-1242-2

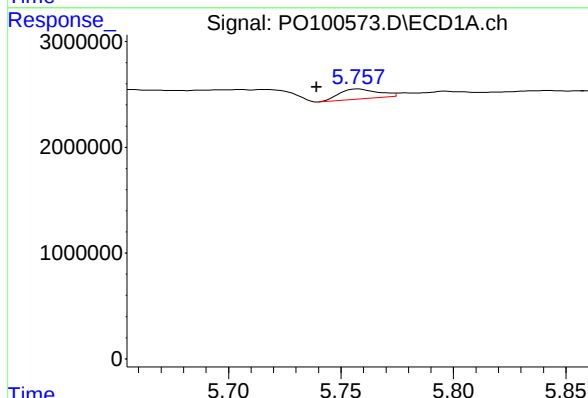
R.T.: 5.705 min
Delta R.T.: 0.029 min
Response: 1305175
Conc: 24.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



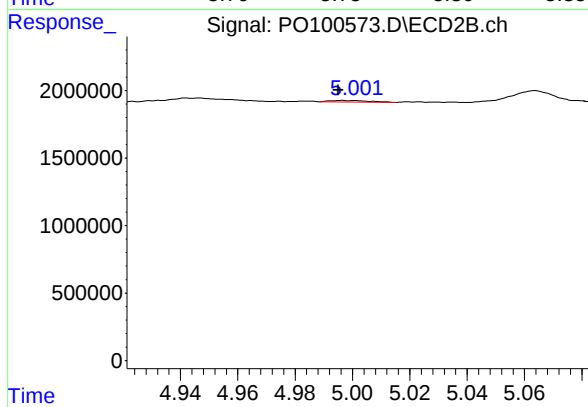
#17 AR-1242-2

R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 1504241
Conc: 40.00 ng/ml



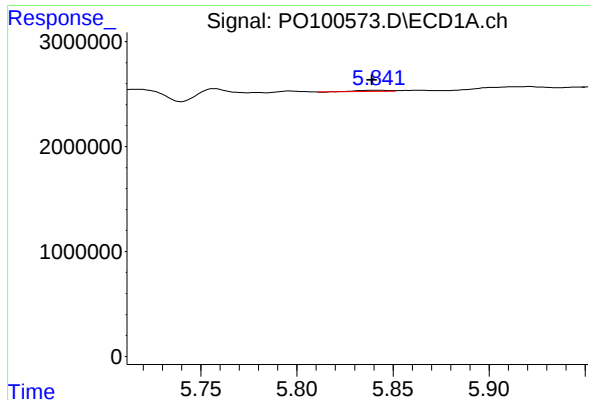
#18 AR-1242-3

R.T.: 5.757 min
Delta R.T.: 0.018 min
Response: 1123099
Conc: 33.73 ng/ml



#18 AR-1242-3

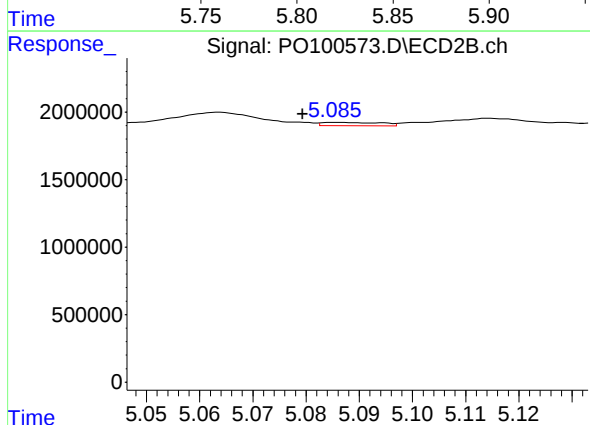
R.T.: 4.997 min
Delta R.T.: 0.002 min
Response: 111526
Conc: 5.59 ng/ml



#19 AR-1242-4

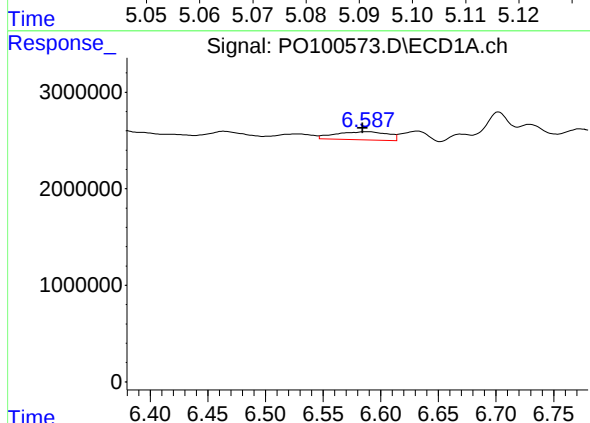
R.T.: 5.842 min
Delta R.T.: 0.003 min
Response: 117292
Conc: 4.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



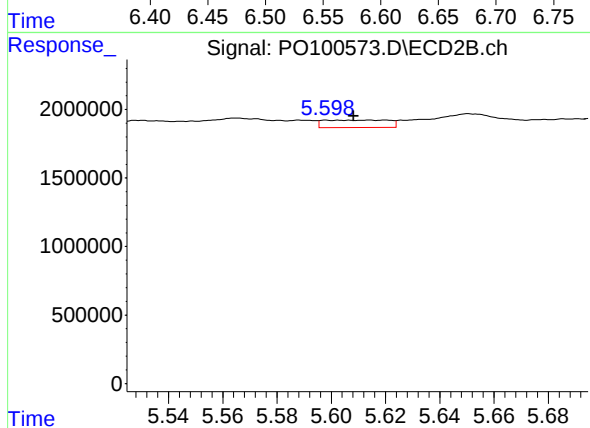
#19 AR-1242-4

R.T.: 5.086 min
Delta R.T.: 0.007 min
Response: 192783
Conc: 9.19 ng/ml



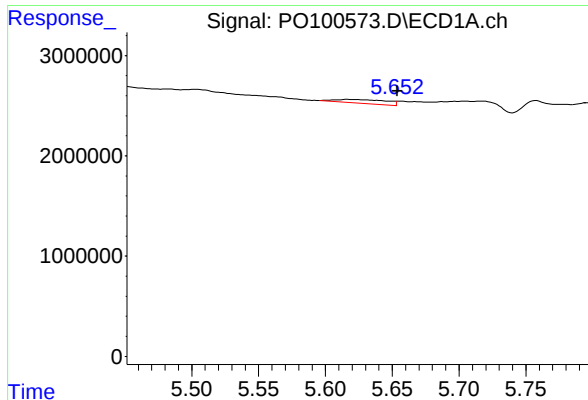
#20 AR-1242-5

R.T.: 6.587 min
Delta R.T.: 0.003 min
Response: 2600459
Conc: 105.62 ng/ml



#20 AR-1242-5

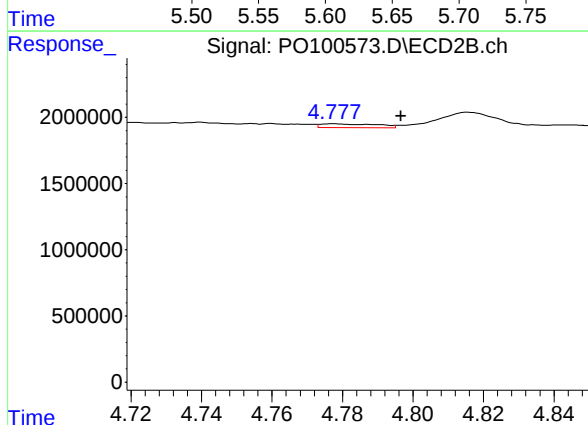
R.T.: 5.598 min
Delta R.T.: -0.010 min
Response: 886478
Conc: 38.18 ng/ml



#21 AR-1248-1

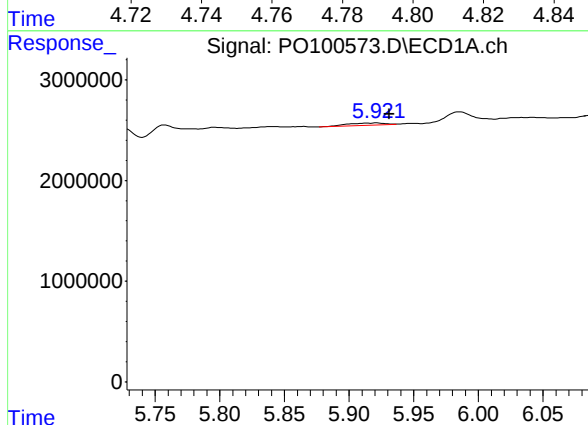
R.T.: 5.617 min
Delta R.T.: -0.037 min
Response: 992682
Conc: 36.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



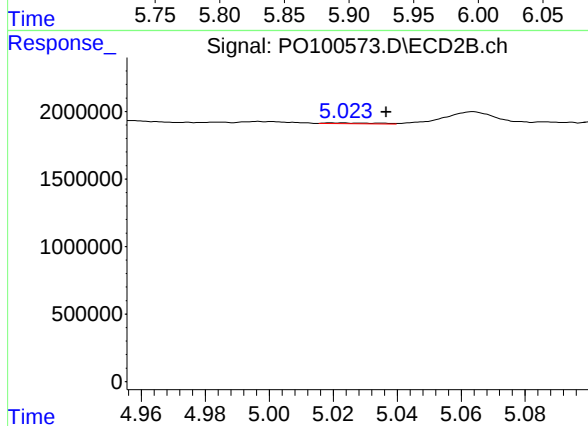
#21 AR-1248-1

R.T.: 4.778 min
Delta R.T.: -0.019 min
Response: 318122
Conc: 15.28 ng/ml



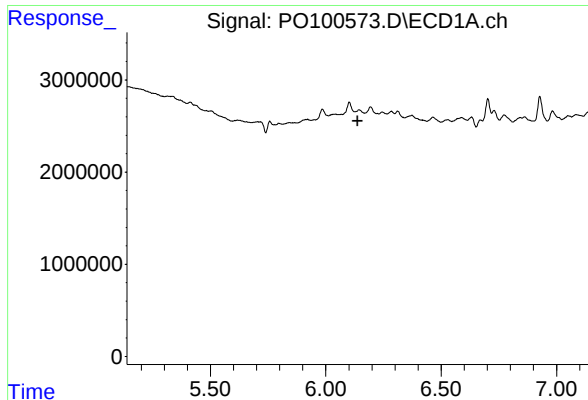
#22 AR-1248-2

R.T.: 5.921 min
Delta R.T.: -0.010 min
Response: 477461
Conc: 10.57 ng/ml



#22 AR-1248-2

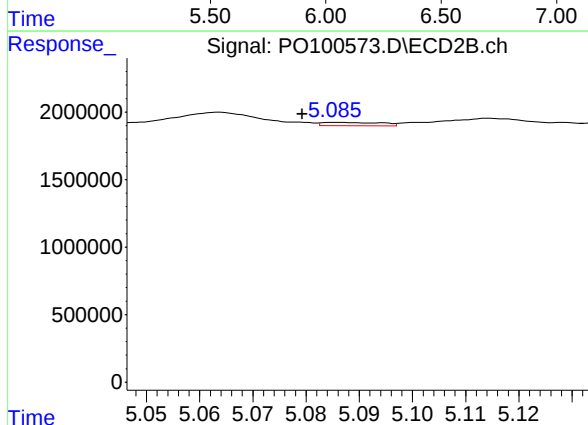
R.T.: 5.023 min
Delta R.T.: -0.014 min
Response: 64626
Conc: 2.21 ng/ml



#23 AR-1248-3

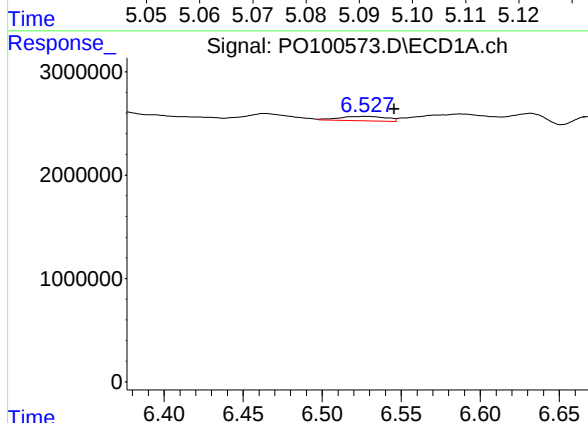
R.T.: 6.143 min
Delta R.T.: 0.006 min
Response: -199462
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



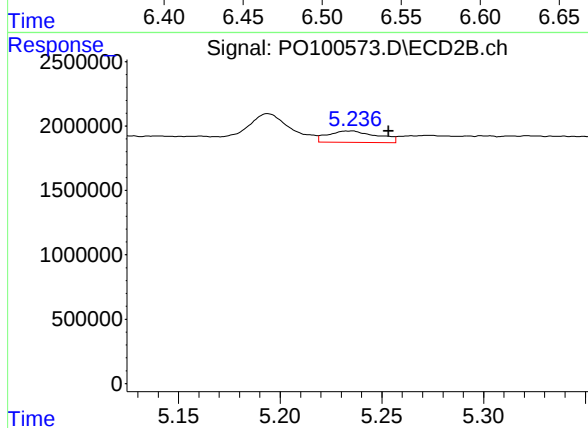
#23 AR-1248-3

R.T.: 5.086 min
Delta R.T.: 0.007 min
Response: 192783
Conc: 6.39 ng/ml



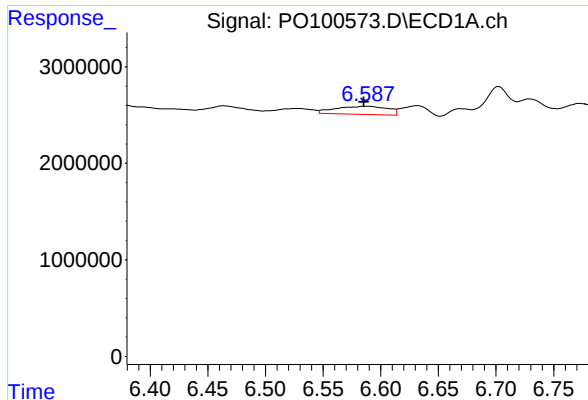
#24 AR-1248-4

R.T.: 6.528 min
Delta R.T.: -0.018 min
Response: 910709
Conc: 20.88 ng/ml



#24 AR-1248-4

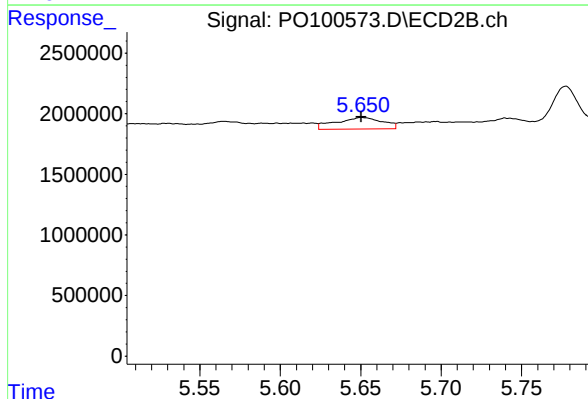
R.T.: 5.235 min
Delta R.T.: -0.019 min
Response: 1494775
Conc: 43.33 ng/ml



#25 AR-1248-5

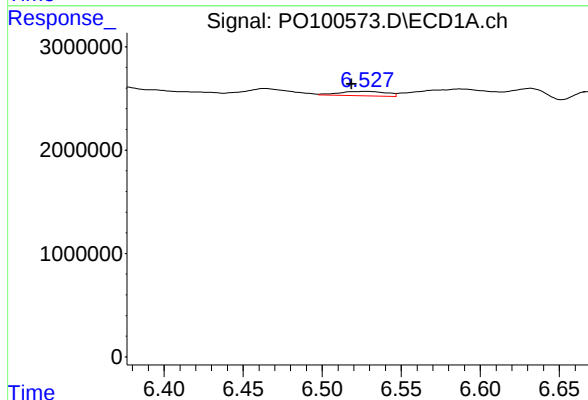
R.T.: 6.587 min
Delta R.T.: 0.002 min
Response: 2600459
Conc: 62.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



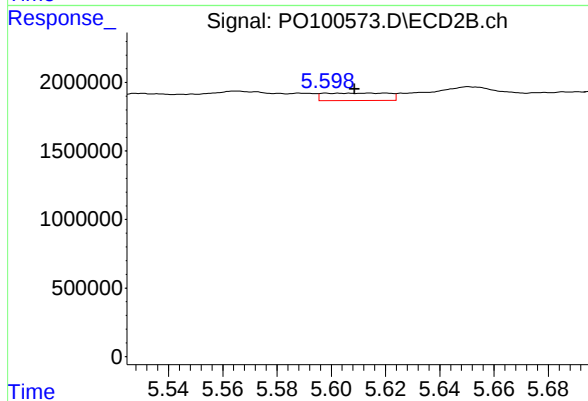
#25 AR-1248-5

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 1946741
Conc: 66.11 ng/ml



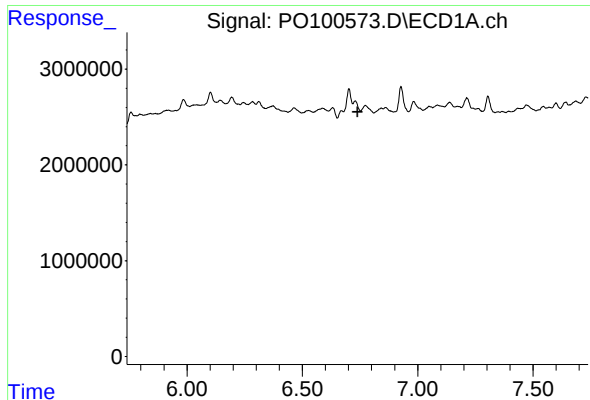
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: 0.009 min
Response: 910709
Conc: 16.61 ng/ml



#26 AR-1254-1

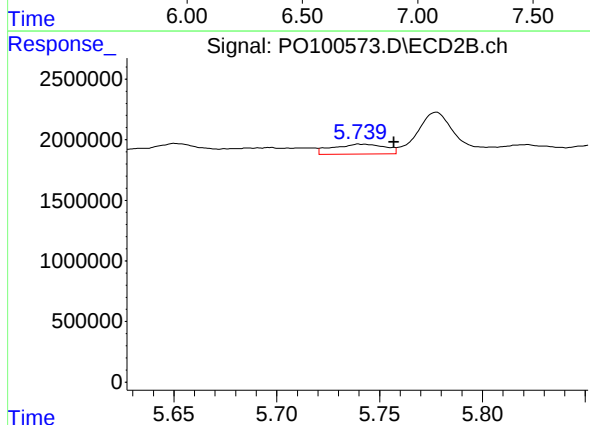
R.T.: 5.598 min
Delta R.T.: -0.011 min
Response: 886478
Conc: 17.63 ng/ml



#27 AR-1254-2

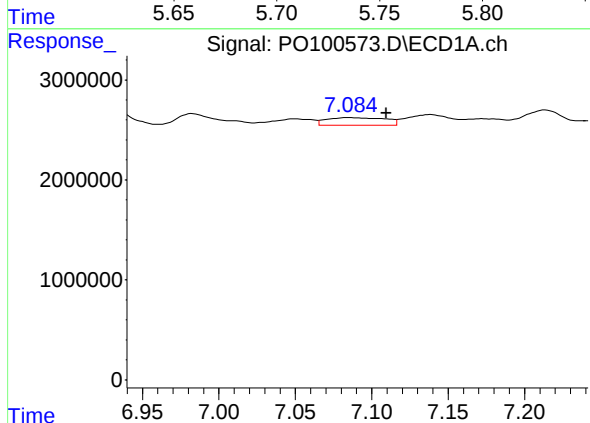
R.T.: 6.729 min
Delta R.T.: -0.010 min
Response: -401242
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



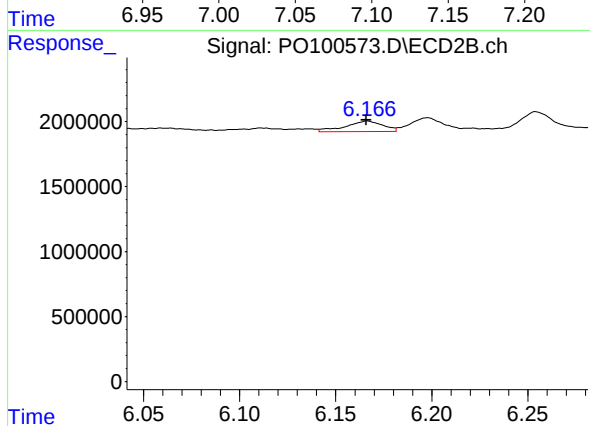
#27 AR-1254-2

R.T.: 5.741 min
Delta R.T.: -0.016 min
Response: 1442849
Conc: 31.37 ng/ml



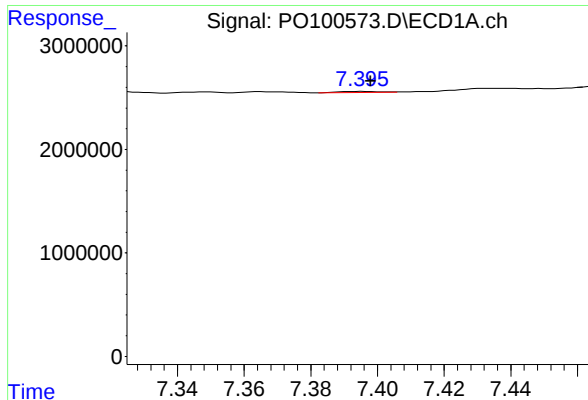
#28 AR-1254-3

R.T.: 7.085 min
Delta R.T.: -0.024 min
Response: 2029598
Conc: 26.55 ng/ml



#28 AR-1254-3

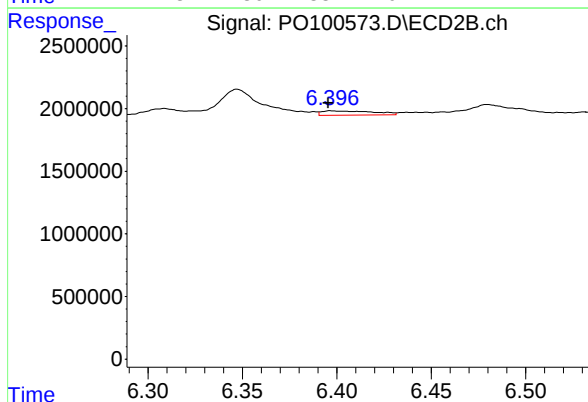
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 1091409
Conc: 14.44 ng/ml



#29 AR-1254-4

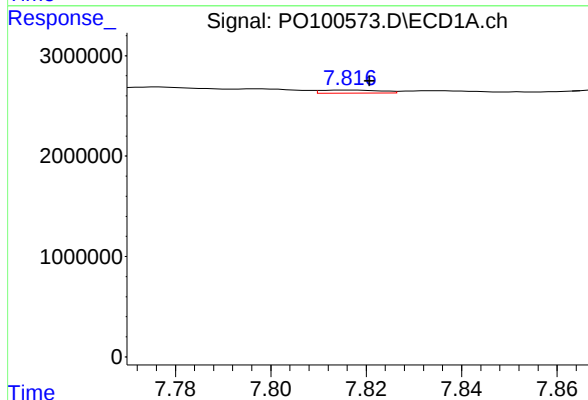
R.T.: 7.395 min
Delta R.T.: -0.003 min
Response: 96238
Conc: 2.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



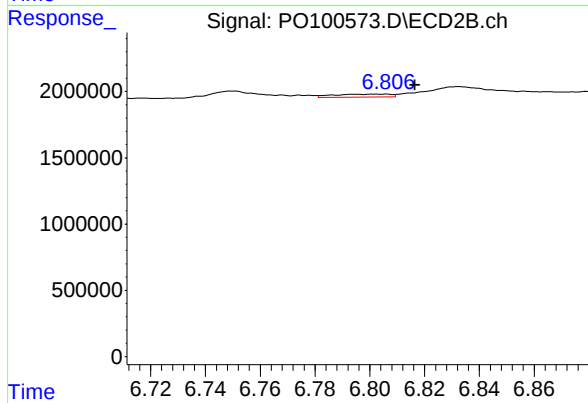
#29 AR-1254-4

R.T.: 6.397 min
Delta R.T.: 0.002 min
Response: 671313
Conc: 15.90 ng/ml



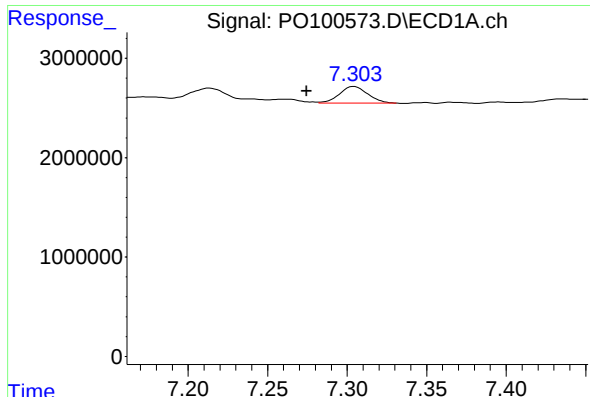
#30 AR-1254-5

R.T.: 7.817 min
Delta R.T.: -0.004 min
Response: 279074
Conc: 5.03 ng/ml



#30 AR-1254-5

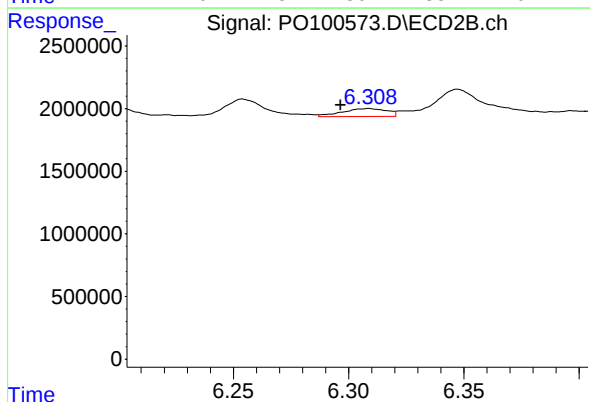
R.T.: 6.806 min
Delta R.T.: -0.011 min
Response: 329312
Conc: 4.49 ng/ml



#31 AR-1260-1

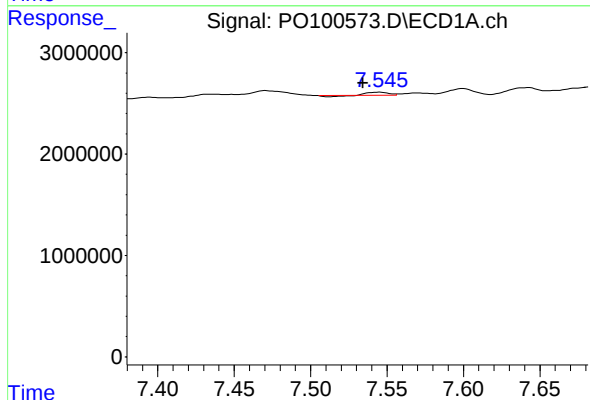
R.T.: 7.304 min
Delta R.T.: 0.030 min
Response: 1964448
Conc: 30.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



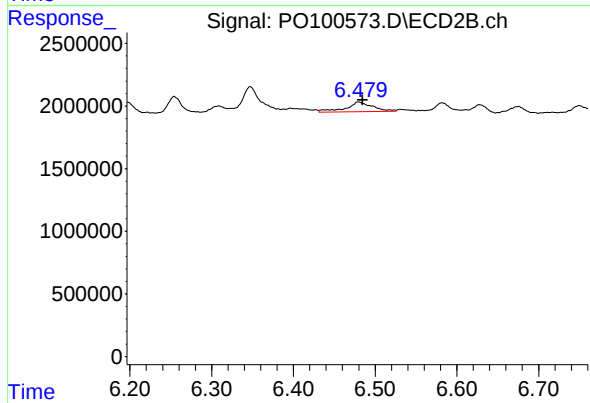
#31 AR-1260-1

R.T.: 6.309 min
Delta R.T.: 0.012 min
Response: 846909
Conc: 14.04 ng/ml



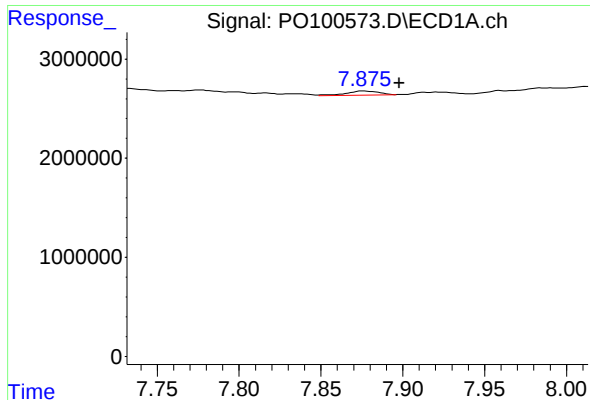
#32 AR-1260-2

R.T.: 7.545 min
Delta R.T.: 0.011 min
Response: 205601
Conc: 2.91 ng/ml



#32 AR-1260-2

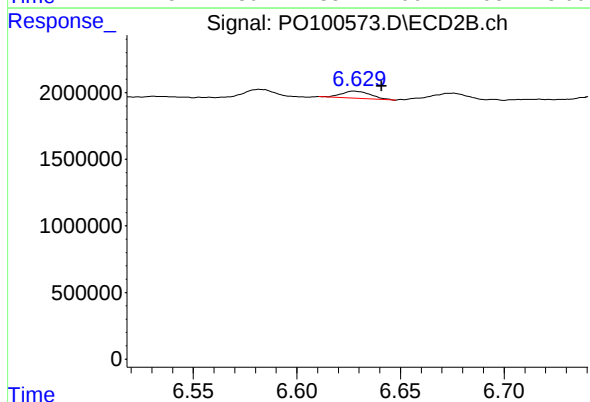
R.T.: 6.480 min
Delta R.T.: -0.005 min
Response: 1776768
Conc: 24.86 ng/ml



#33 AR-1260-3

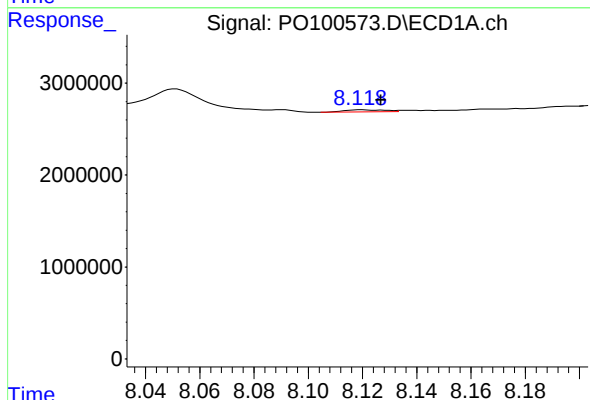
R.T.: 7.876 min
Delta R.T.: -0.022 min
Response: 550898
Conc: 9.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



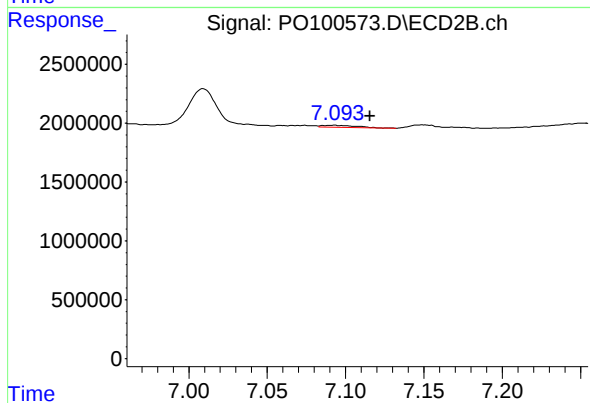
#33 AR-1260-3

R.T.: 6.628 min
Delta R.T.: -0.013 min
Response: 517344
Conc: 7.37 ng/ml



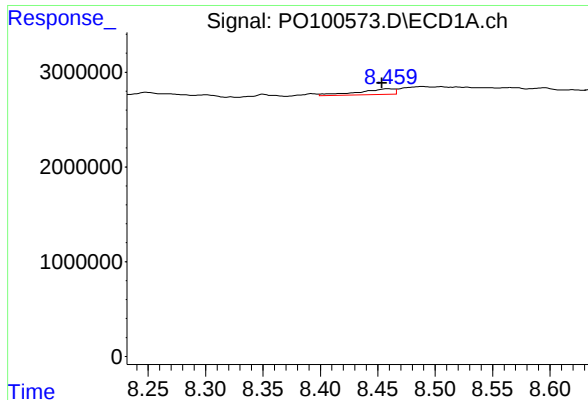
#34 AR-1260-4

R.T.: 8.119 min
Delta R.T.: -0.007 min
Response: 252212
Conc: 4.11 ng/ml



#34 AR-1260-4

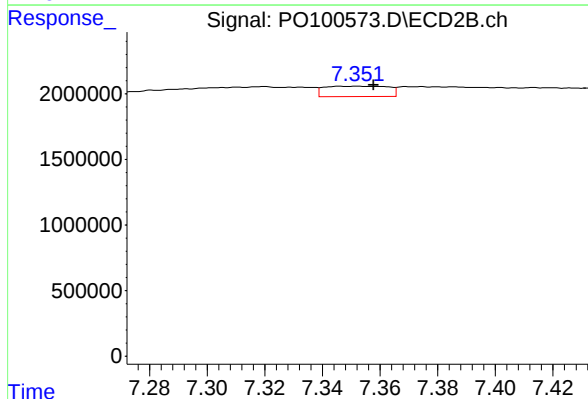
R.T.: 7.092 min
Delta R.T.: -0.023 min
Response: 237581
Conc: 3.93 ng/ml



#35 AR-1260-5

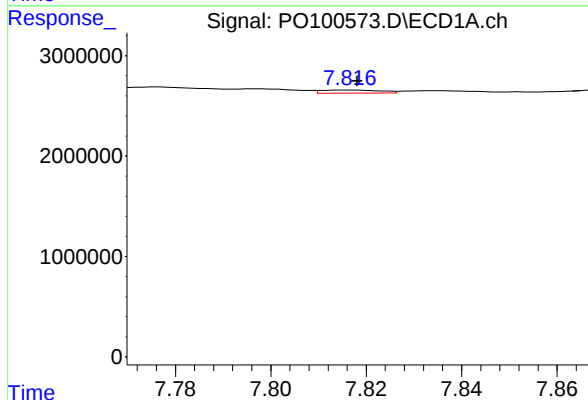
R.T.: 8.459 min
Delta R.T.: 0.006 min
Response: 1345542
Conc: 11.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



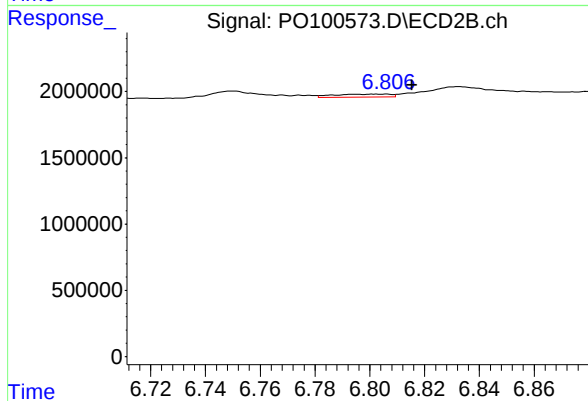
#35 AR-1260-5

R.T.: 7.352 min
Delta R.T.: -0.006 min
Response: 1219297
Conc: 9.31 ng/ml



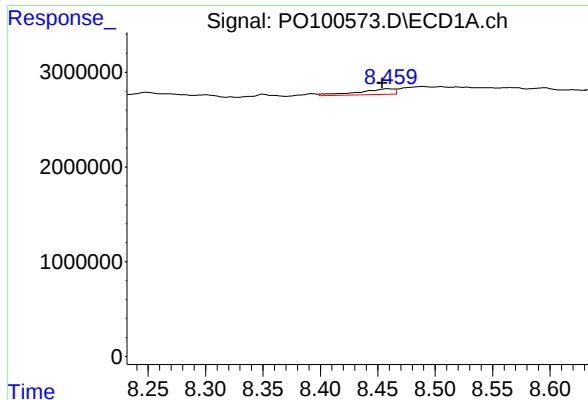
#36 AR-1262-1

R.T.: 7.817 min
Delta R.T.: -0.002 min
Response: 279074
Conc: 5.97 ng/ml



#36 AR-1262-1

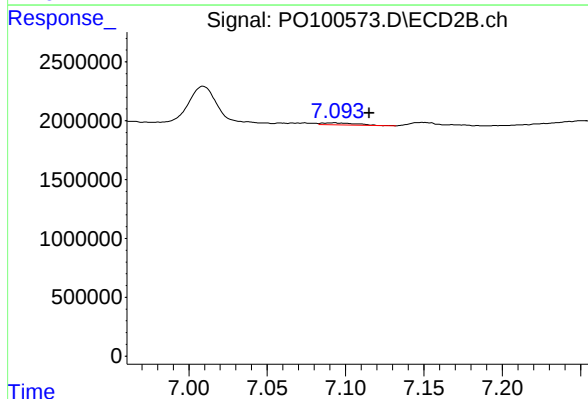
R.T.: 6.806 min
Delta R.T.: -0.010 min
Response: 329312
Conc: 8.54 ng/ml



#37 AR-1262-2

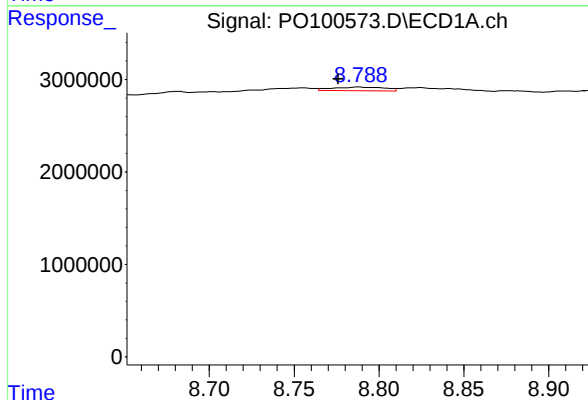
R.T.: 8.459 min
Delta R.T.: 0.005 min
Response: 1345542
Conc: 11.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



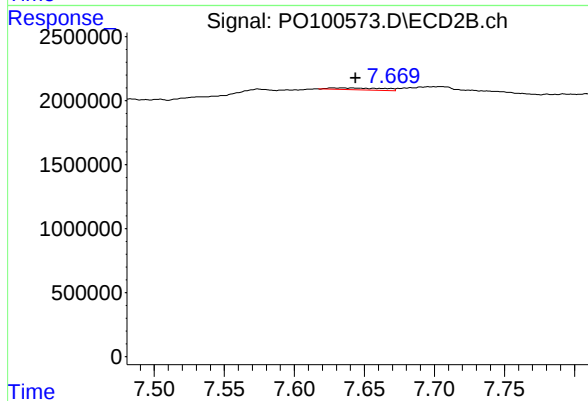
#37 AR-1262-2

R.T.: 7.092 min
Delta R.T.: -0.023 min
Response: 237581
Conc: 3.05 ng/ml



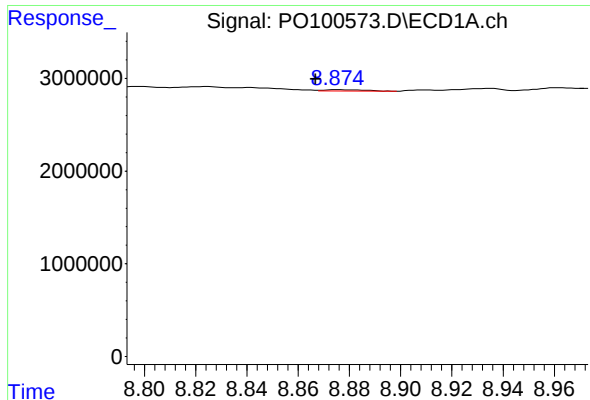
#38 AR-1262-3

R.T.: 8.788 min
Delta R.T.: 0.012 min
Response: 878208
Conc: 10.55 ng/ml



#38 AR-1262-3

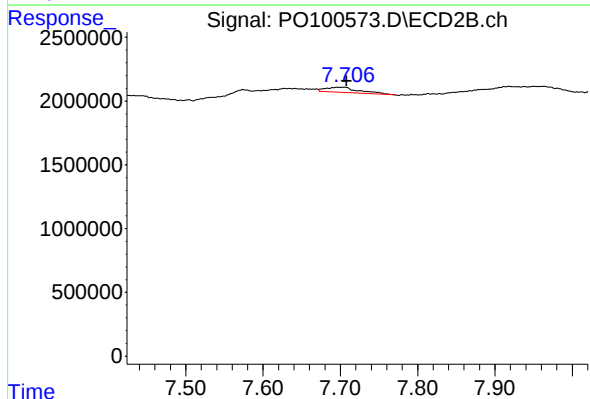
R.T.: 7.635 min
Delta R.T.: -0.009 min
Response: 398254
Conc: 6.94 ng/ml



#39 AR-1262-4

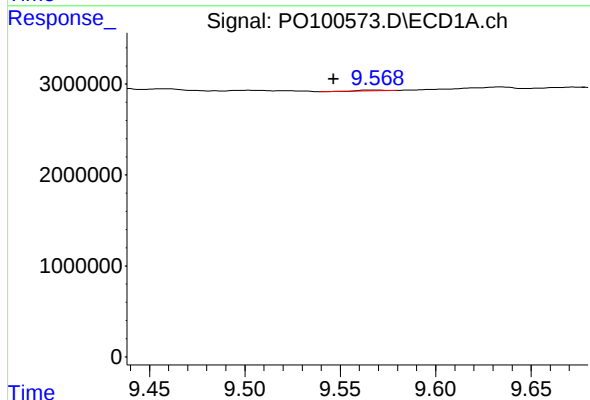
R.T.: 8.875 min
Delta R.T.: 0.008 min
Response: 141675
Conc: 2.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



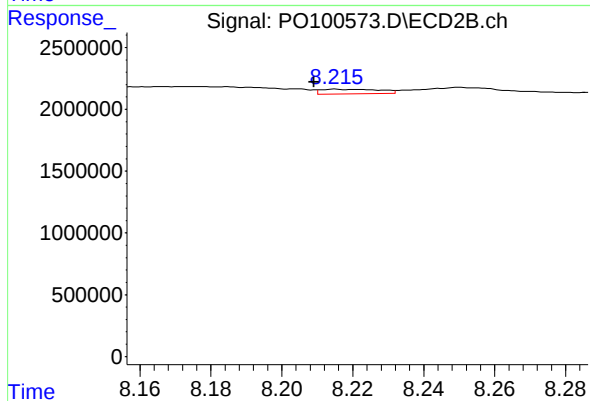
#39 AR-1262-4

R.T.: 7.704 min
Delta R.T.: -0.004 min
Response: 1211326
Conc: 11.07 ng/ml



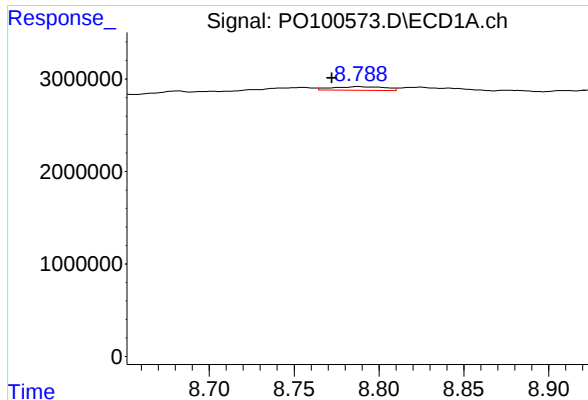
#40 AR-1262-5

R.T.: 9.568 min
Delta R.T.: 0.021 min
Response: 79619
Conc: 2.04 ng/ml



#40 AR-1262-5

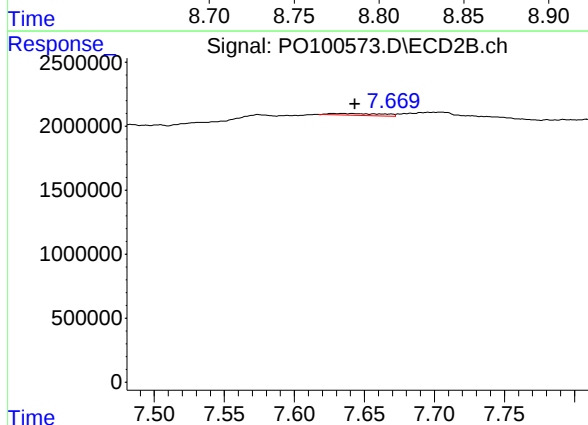
R.T.: 8.215 min
Delta R.T.: 0.006 min
Response: 418616
Conc: 9.00 ng/ml



#41 AR-1268-1

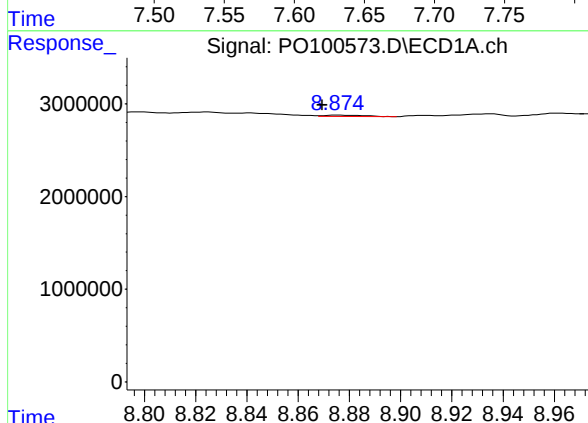
R.T.: 8.788 min
Delta R.T.: 0.016 min
Response: 878208
Conc: 5.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



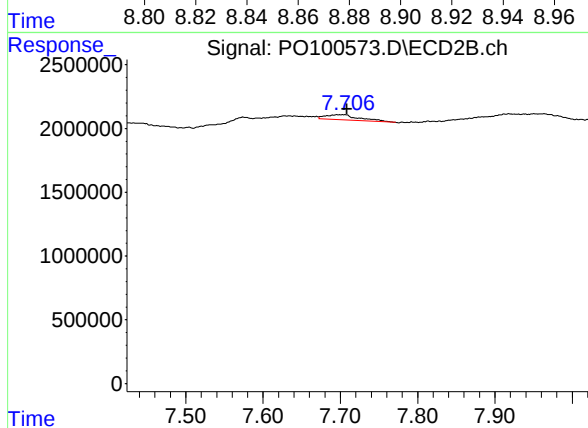
#41 AR-1268-1

R.T.: 7.635 min
Delta R.T.: -0.009 min
Response: 398254
Conc: 2.26 ng/ml



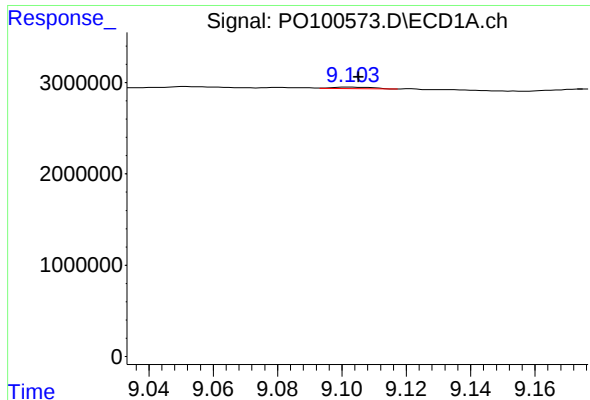
#42 AR-1268-2

R.T.: 8.875 min
Delta R.T.: 0.006 min
Response: 141675
Conc: 1.06 ng/ml



#42 AR-1268-2

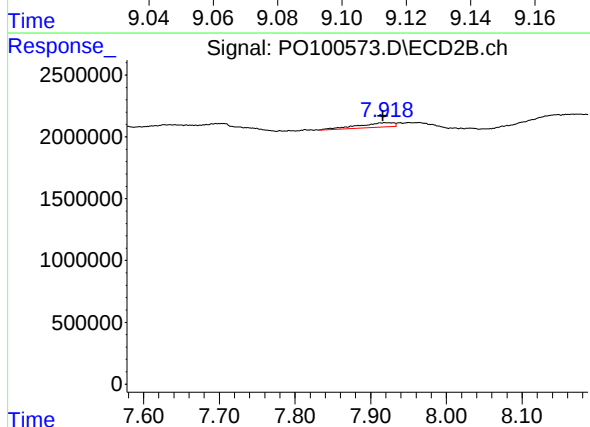
R.T.: 7.704 min
Delta R.T.: -0.005 min
Response: 1211326
Conc: 7.52 ng/ml



#43 AR-1268-3

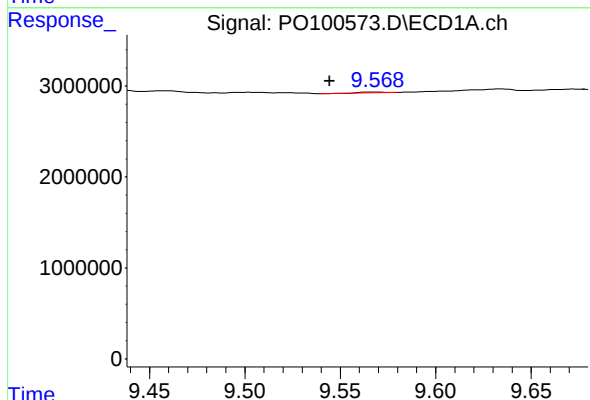
R.T.: 9.103 min
Delta R.T.: -0.003 min
Response: 142140
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



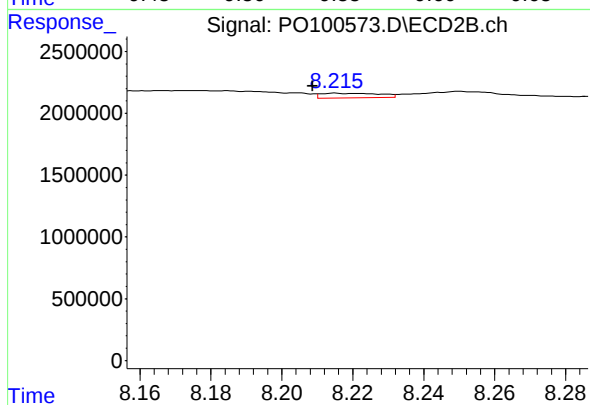
#43 AR-1268-3

R.T.: 7.918 min
Delta R.T.: 0.002 min
Response: 1147559
Conc: 7.61 ng/ml



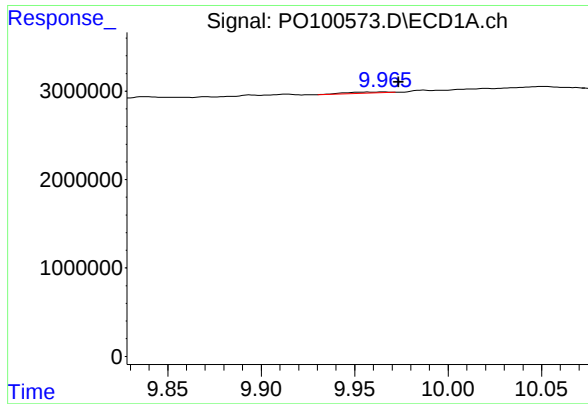
#44 AR-1268-4

R.T.: 9.568 min
Delta R.T.: 0.024 min
Response: 79619
Conc: 1.87 ng/ml



#44 AR-1268-4

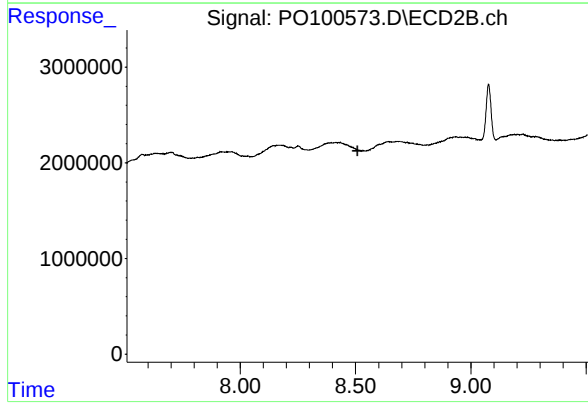
R.T.: 8.215 min
Delta R.T.: 0.006 min
Response: 418616
Conc: 7.93 ng/ml



#45 AR-1268-5

R.T.: 9.966 min
Delta R.T.: -0.008 min
Response: 195482
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.509 min
Response: 0
Conc: N.D.