

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112223\
 Data File : P0100016.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2023 15:44
 Operator : YP/AJ
 Sample : 05521-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 22:54:05 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...	4.483	3.706	33801623	28420403	19.804	18.948
2) SA Decachlor...	10.370	8.805	13709306	16229846	18.874	14.504
Target Compounds						
3) L1 AR-1016-1	5.668	4.819	309583	264985	7.195	8.392
4) L1 AR-1016-2	5.695	4.819	1011298	264985	15.620	6.128 #
5) L1 AR-1016-3	5.749	5.008	1034779	126518	23.741	5.455 #
6) L1 AR-1016-4	5.867	5.055	330487	193331	10.012	9.430
7) L1 AR-1016-5	6.164	5.305f	255974	41028	8.152	1.609 #
8) L2 AR-1221-1	4.693	3.924	479253	299001	23.247	15.729 #
9) L2 AR-1221-2	4.794	4.013	669291	604158	44.312	46.362
10) L2 AR-1221-3	4.853	4.089	30574	212778	0.681	5.924 #
11) L3 AR-1232-1	4.853	4.089	30574	212778	0.857	7.251 #
12) L3 AR-1232-2	5.420	4.819	17246	264985	0.991	13.362 #
13) L3 AR-1232-3	5.695	5.008	1011298	126518	35.688	12.208 #
14) L3 AR-1232-4	5.867	5.100	330487	166244	23.790	16.725 #
15) L3 AR-1232-5	5.953	5.305f	868843	41028	70.797	3.799 #
16) L4 AR-1242-1	5.668	4.819	309583	264985	8.936	10.083
17) L4 AR-1242-2	5.695	4.819	1011298	264985	19.272	7.536 #
18) L4 AR-1242-3	5.749	5.008	1034779	126518	29.732	6.607 #
19) L4 AR-1242-4	5.867	5.100	330487	166244	12.571	8.254 #
20) L4 AR-1242-5	6.621	5.629	71369	1180853	3.192	50.538 #
21) L5 AR-1248-1	5.668	4.819	309583	264985	11.975	13.255
22) L5 AR-1248-2	5.953	5.055	868843	193331	21.245	6.909 #
23) L5 AR-1248-3	6.164	5.100	255974	166244	5.976	5.757
24) L5 AR-1248-4	6.574	5.305f	2210101	41028	58.637	1.251 #
25) L5 AR-1248-5	6.621	5.660	71369	806771	1.932	27.008 #
26) L6 AR-1254-1	6.528	5.629	3025122	1180853	62.823	22.780 #
27) L6 AR-1254-2	6.762	5.778	1766369	766443	25.756	16.459 #
28) L6 AR-1254-3	7.134	6.186	2295513	1106381	36.032	14.186 #
29) L6 AR-1254-4	7.421	6.416	808184	615939	21.378	14.433 #
30) L6 AR-1254-5	7.846	6.837	1480419	3282079	34.587	45.356 #
31) L7 AR-1260-1	7.297	6.318	738886	880470	13.877	15.237
32) L7 AR-1260-2	7.553	6.506	4568263	949311	86.361	14.293 #
33) L7 AR-1260-3	7.921	6.662	442917	816363	12.417	12.758
34) L7 AR-1260-4	8.137	7.138	1048367	366627	25.330	7.271 #
35) L7 AR-1260-5	8.478	7.379	1062310	962373	15.903	8.585 #
36) L8 AR-1262-1	7.846	6.837	1480419	3282079	40.927	85.871 #
37) L8 AR-1262-2	8.478	7.138	1062310	366627	12.512	4.860 #
38) L8 AR-1262-3	8.811	7.672	575495	170127	9.554	2.921 #
39) L8 AR-1262-4	8.901	7.731	610546	1695107	12.664	16.492 #
40) L8 AR-1262-5	9.581	8.234	392386	625547	15.030	14.356
41) L9 AR-1268-1	8.811	7.672	575495	170127	5.214	1.024 #

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

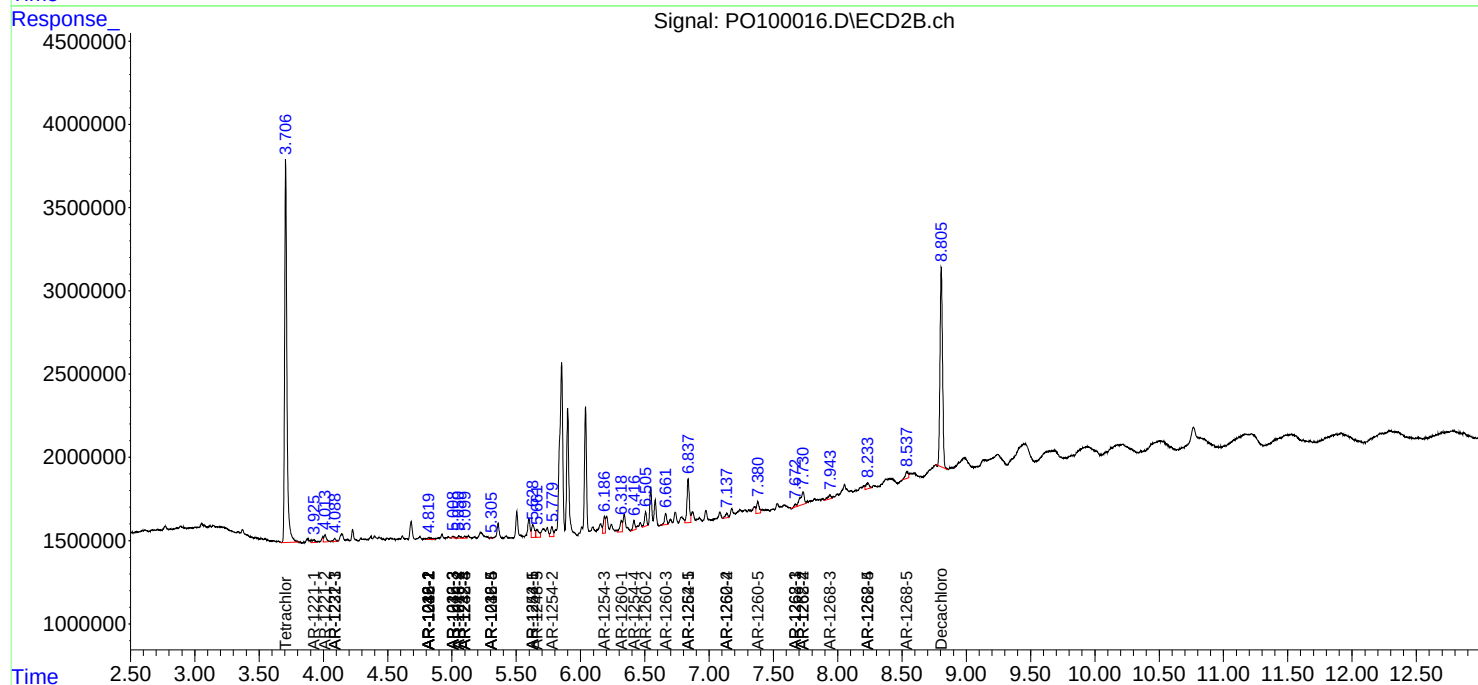
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

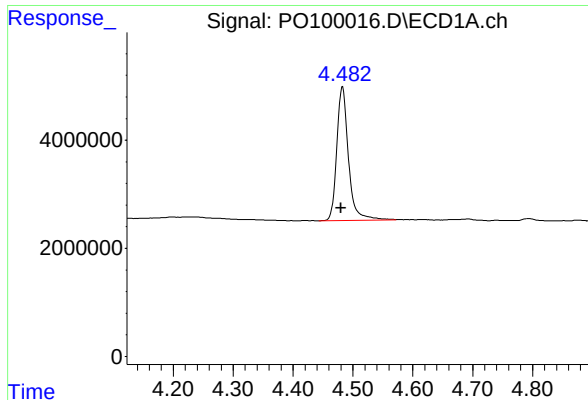
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.901	7.731	610546	1695107	6.342	11.105 #
43) L9	AR-1268-3	9.139	7.940	57482	423215	0.637	2.953 #
44) L9	AR-1268-4	9.581	8.234	392386	625547	13.799	13.314
45) L9	AR-1268-5	10.008	8.538	224837	614626	0.894	1.544 #

(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

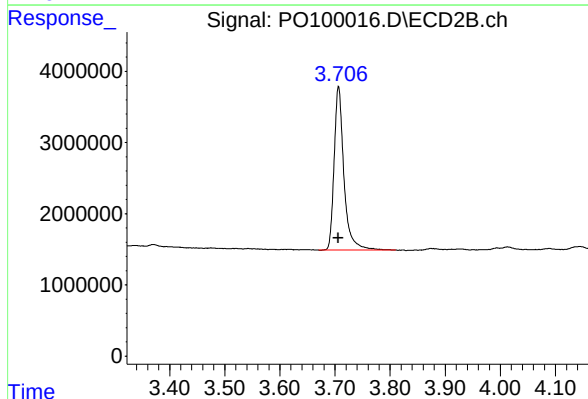




#1 Tetrachloro-m-xylene

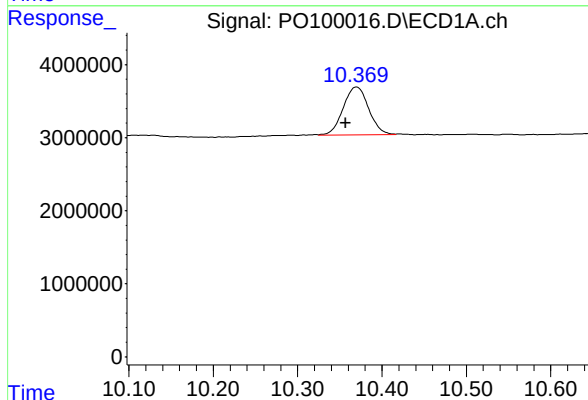
R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 33801623
Conc: 19.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



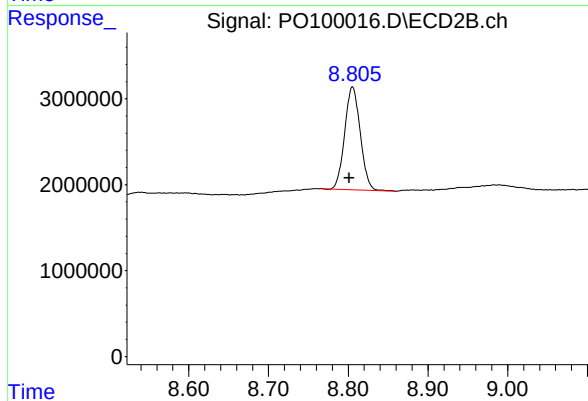
#1 Tetrachloro-m-xylene

R.T.: 3.706 min
Delta R.T.: 0.000 min
Response: 28420403
Conc: 18.95 ng/ml



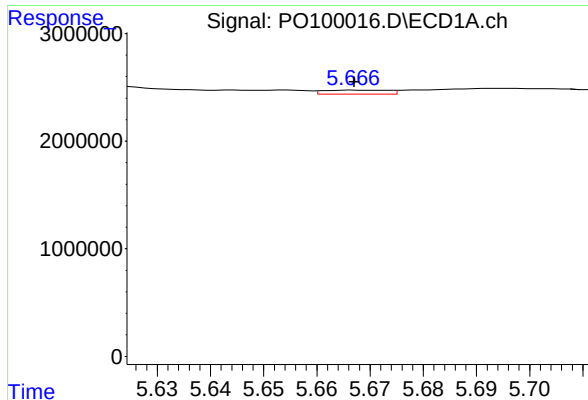
#2 Decachlorobiphenyl

R.T.: 10.370 min
Delta R.T.: 0.013 min
Response: 13709306
Conc: 18.87 ng/ml



#2 Decachlorobiphenyl

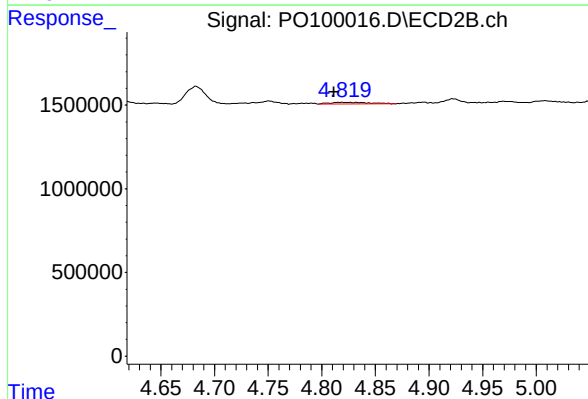
R.T.: 8.805 min
Delta R.T.: 0.004 min
Response: 16229846
Conc: 14.50 ng/ml



#3 AR-1016-1

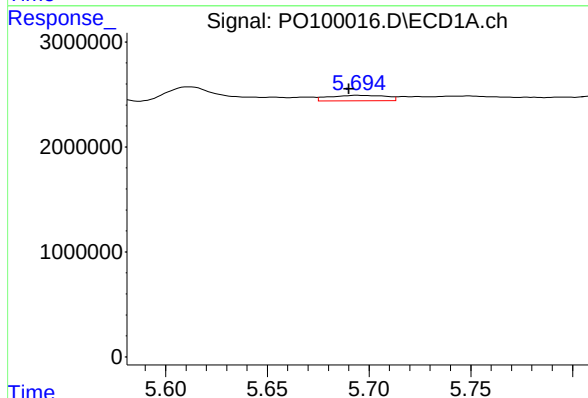
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 309583
Conc: 7.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



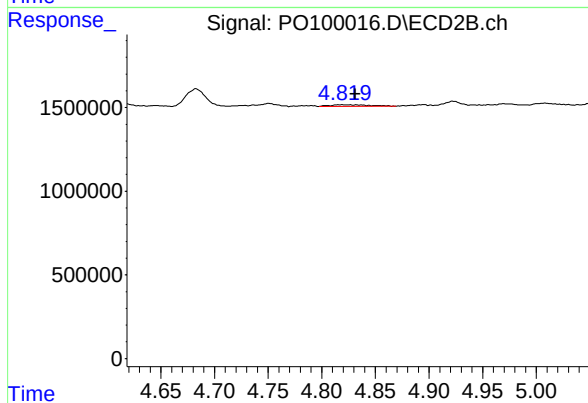
#3 AR-1016-1

R.T.: 4.819 min
Delta R.T.: 0.007 min
Response: 264985
Conc: 8.39 ng/ml



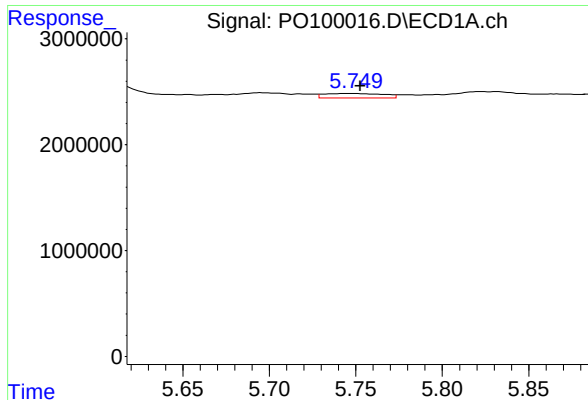
#4 AR-1016-2

R.T.: 5.695 min
Delta R.T.: 0.005 min
Response: 1011298
Conc: 15.62 ng/ml



#4 AR-1016-2

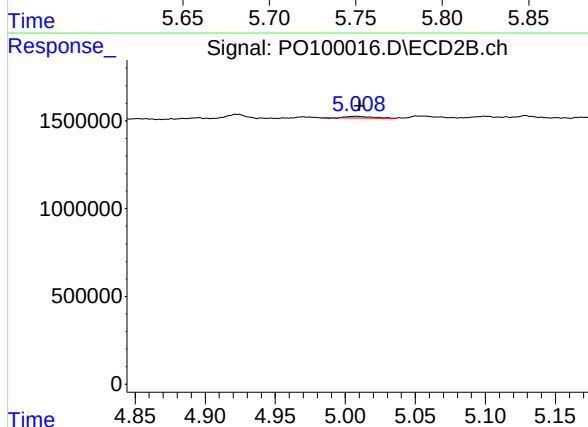
R.T.: 4.819 min
Delta R.T.: -0.012 min
Response: 264985
Conc: 6.13 ng/ml



#5 AR-1016-3

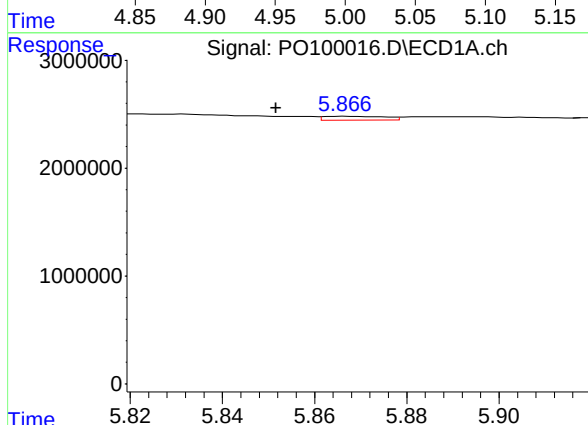
R.T.: 5.749 min
Delta R.T.: -0.004 min
Response: 1034779
Conc: 23.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



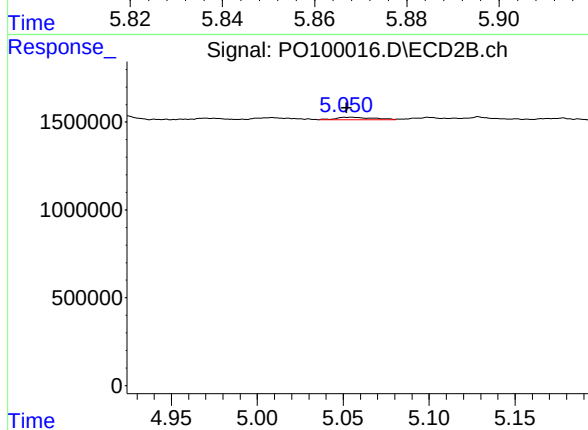
#5 AR-1016-3

R.T.: 5.008 min
Delta R.T.: -0.002 min
Response: 126518
Conc: 5.46 ng/ml



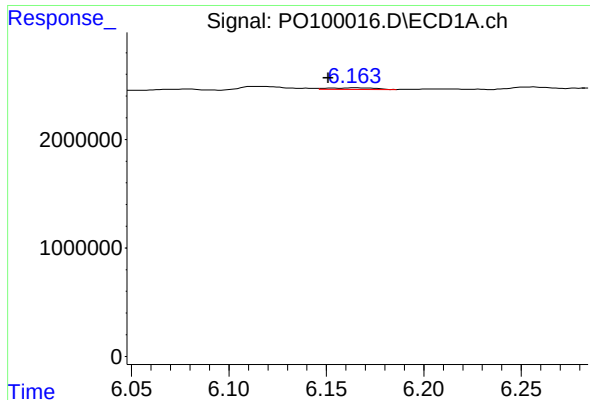
#6 AR-1016-4

R.T.: 5.867 min
Delta R.T.: 0.015 min
Response: 330487
Conc: 10.01 ng/ml



#6 AR-1016-4

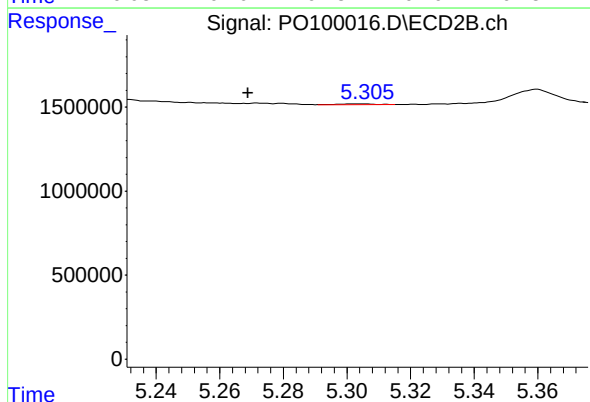
R.T.: 5.055 min
Delta R.T.: 0.003 min
Response: 193331
Conc: 9.43 ng/ml



#7 AR-1016-5

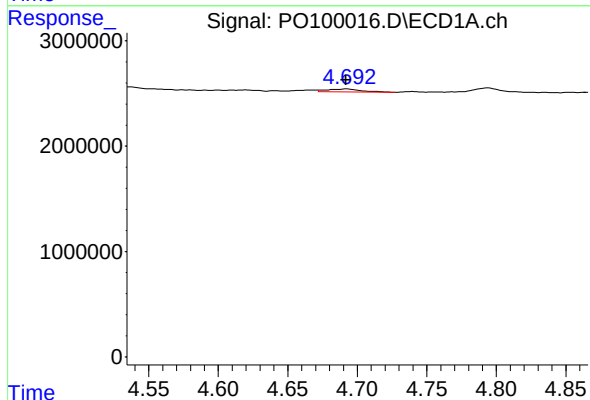
R.T.: 6.164 min
Delta R.T.: 0.013 min
Response: 255974
Conc: 8.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



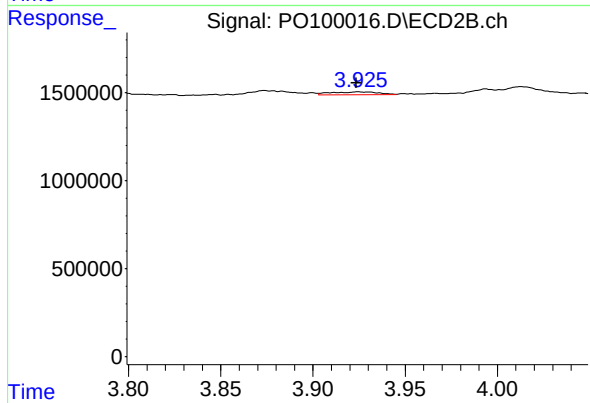
#7 AR-1016-5

R.T.: 5.305 min
Delta R.T.: 0.036 min
Response: 41028
Conc: 1.61 ng/ml



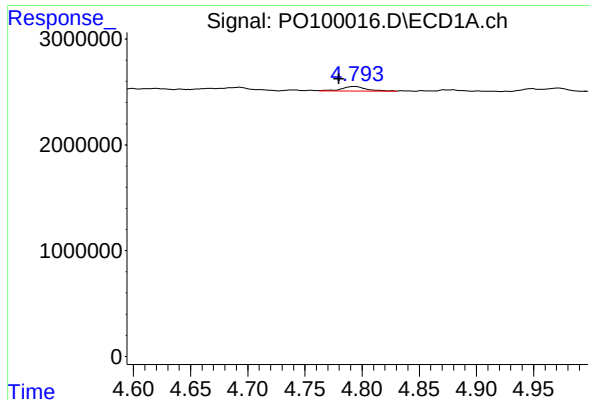
#8 AR-1221-1

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 479253
Conc: 23.25 ng/ml



#8 AR-1221-1

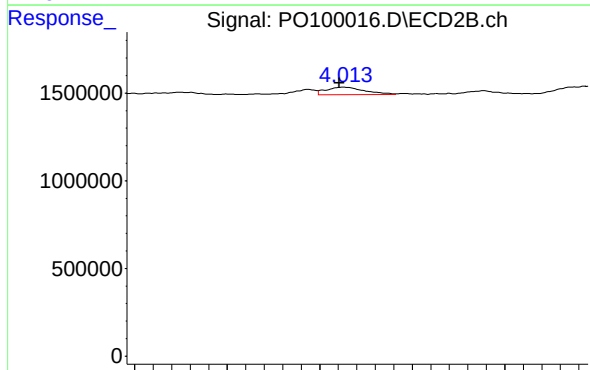
R.T.: 3.924 min
Delta R.T.: 0.001 min
Response: 299001
Conc: 15.73 ng/ml



#9 AR-1221-2

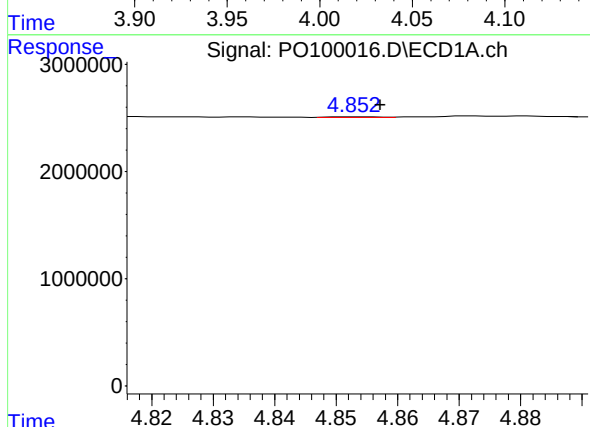
R.T.: 4.794 min
Delta R.T.: 0.014 min
Response: 669291
Conc: 44.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



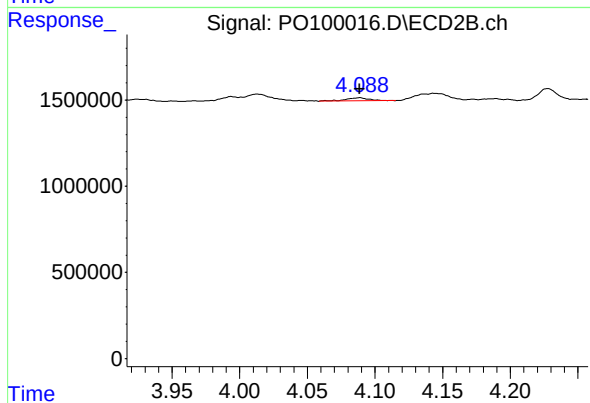
#9 AR-1221-2

R.T.: 4.013 min
Delta R.T.: 0.002 min
Response: 604158
Conc: 46.36 ng/ml



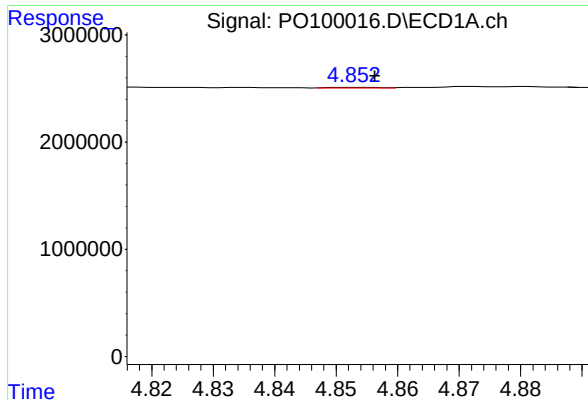
#10 AR-1221-3

R.T.: 4.853 min
Delta R.T.: -0.004 min
Response: 30574
Conc: 0.68 ng/ml



#10 AR-1221-3

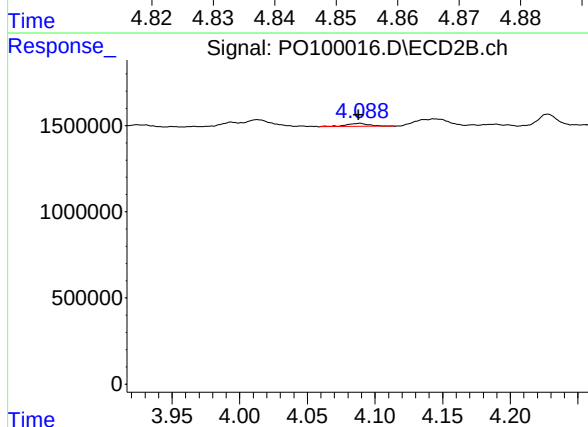
R.T.: 4.089 min
Delta R.T.: 0.000 min
Response: 212778
Conc: 5.92 ng/ml



#11 AR-1232-1

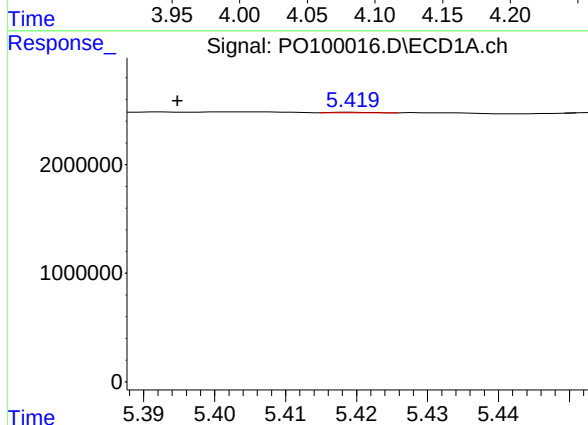
R.T.: 4.853 min
Delta R.T.: -0.003 min
Response: 30574
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



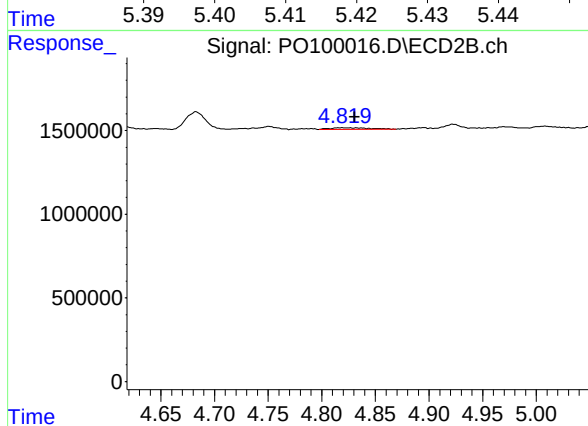
#11 AR-1232-1

R.T.: 4.089 min
Delta R.T.: 0.000 min
Response: 212778
Conc: 7.25 ng/ml



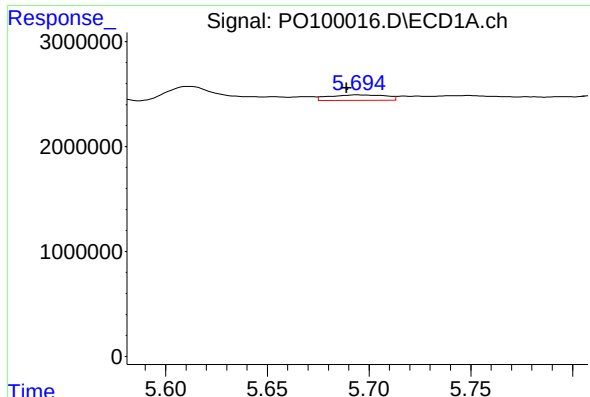
#12 AR-1232-2

R.T.: 5.420 min
Delta R.T.: 0.025 min
Response: 17246
Conc: 0.99 ng/ml



#12 AR-1232-2

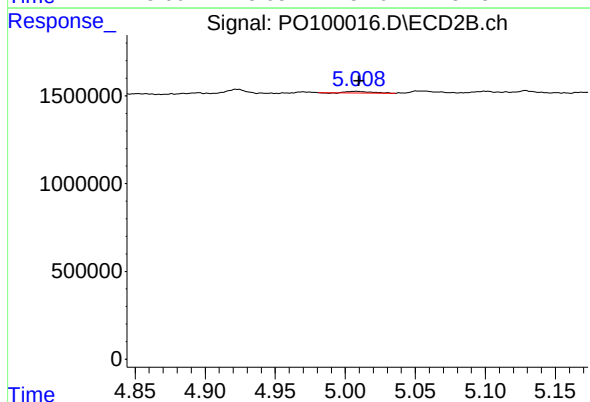
R.T.: 4.819 min
Delta R.T.: -0.012 min
Response: 264985
Conc: 13.36 ng/ml



#13 AR-1232-3

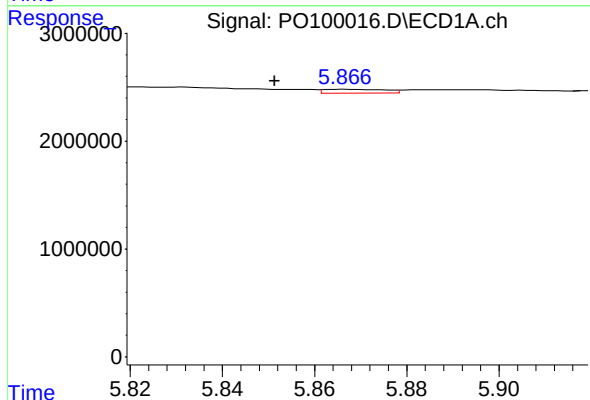
R.T.: 5.695 min
Delta R.T.: 0.006 min
Response: 1011298
Conc: 35.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



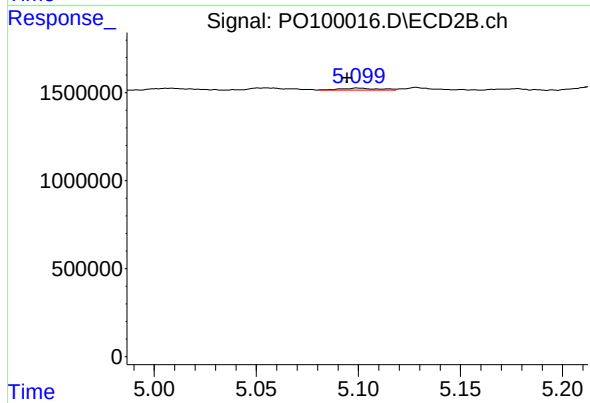
#13 AR-1232-3

R.T.: 5.008 min
Delta R.T.: -0.001 min
Response: 126518
Conc: 12.21 ng/ml



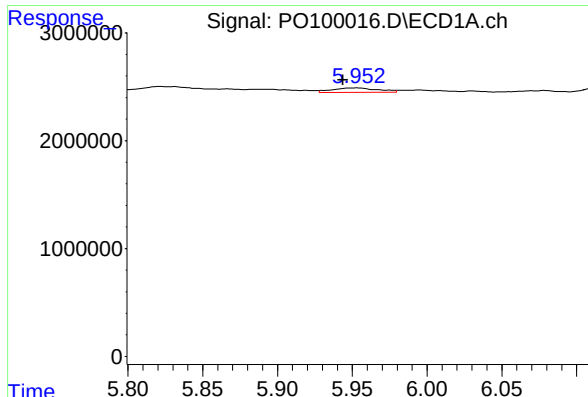
#14 AR-1232-4

R.T.: 5.867 min
Delta R.T.: 0.015 min
Response: 330487
Conc: 23.79 ng/ml



#14 AR-1232-4

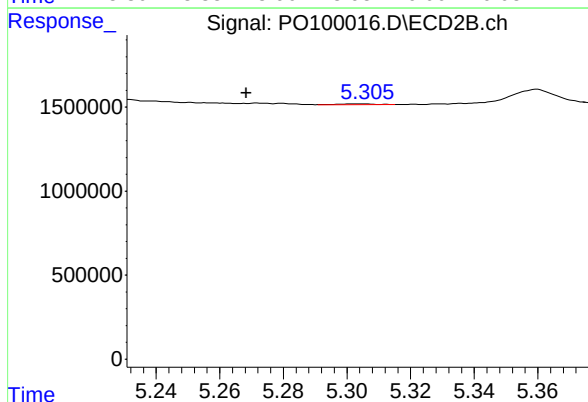
R.T.: 5.100 min
Delta R.T.: 0.005 min
Response: 166244
Conc: 16.73 ng/ml



#15 AR-1232-5

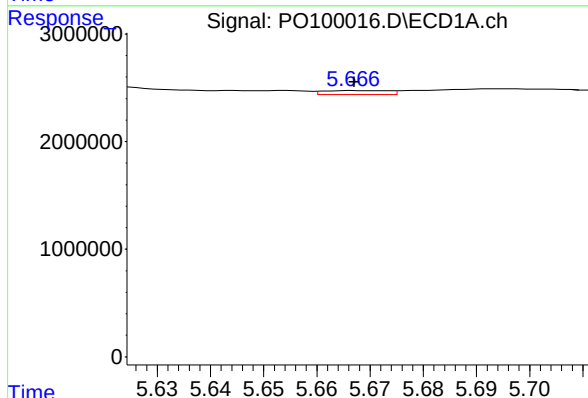
R.T.: 5.953 min
Delta R.T.: 0.009 min
Response: 868843
Conc: 70.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



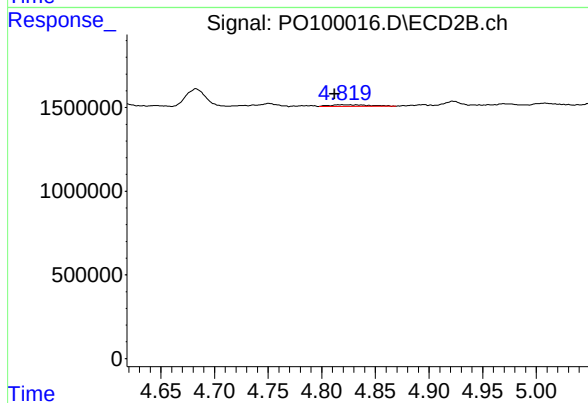
#15 AR-1232-5

R.T.: 5.305 min
Delta R.T.: 0.036 min
Response: 41028
Conc: 3.80 ng/ml



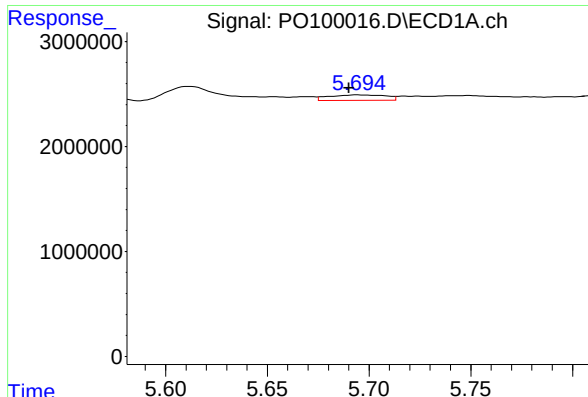
#16 AR-1242-1

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 309583
Conc: 8.94 ng/ml



#16 AR-1242-1

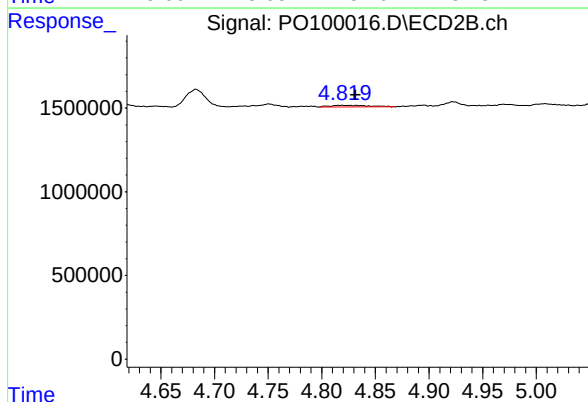
R.T.: 4.819 min
Delta R.T.: 0.007 min
Response: 264985
Conc: 10.08 ng/ml



#17 AR-1242-2

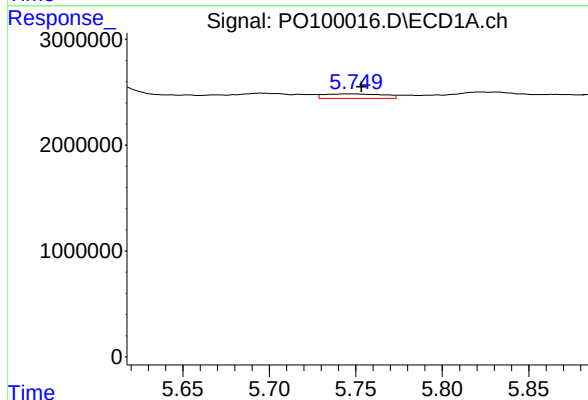
R.T.: 5.695 min
Delta R.T.: 0.005 min
Response: 1011298
Conc: 19.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



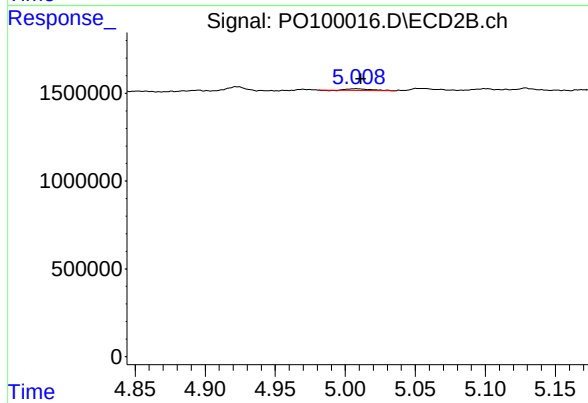
#17 AR-1242-2

R.T.: 4.819 min
Delta R.T.: -0.012 min
Response: 264985
Conc: 7.54 ng/ml



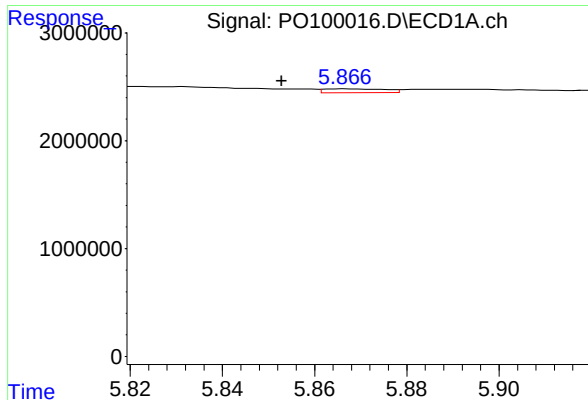
#18 AR-1242-3

R.T.: 5.749 min
Delta R.T.: -0.004 min
Response: 1034779
Conc: 29.73 ng/ml



#18 AR-1242-3

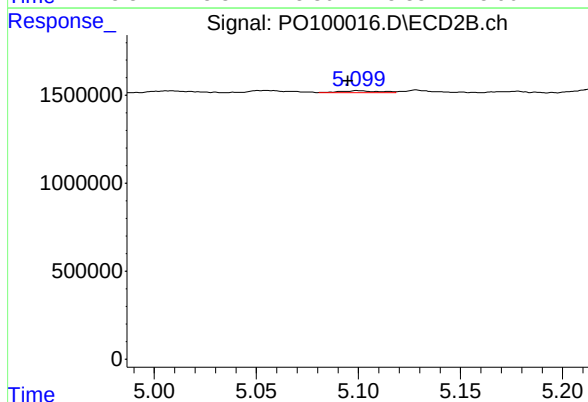
R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 126518
Conc: 6.61 ng/ml



#19 AR-1242-4

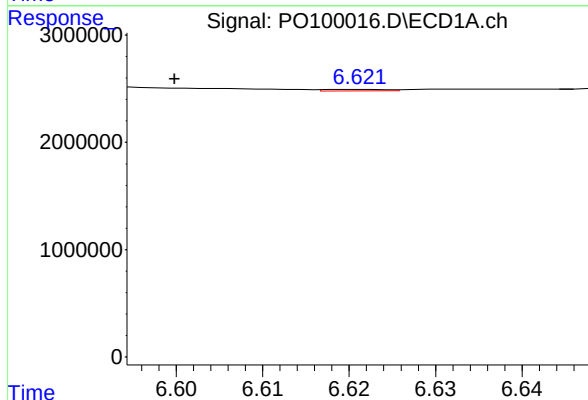
R.T.: 5.867 min
Delta R.T.: 0.014 min
Response: 330487
Conc: 12.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



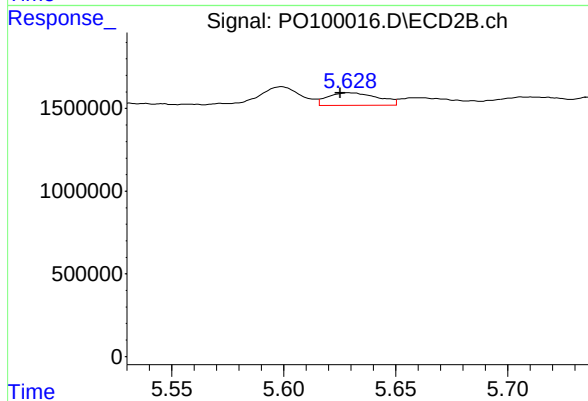
#19 AR-1242-4

R.T.: 5.100 min
Delta R.T.: 0.005 min
Response: 166244
Conc: 8.25 ng/ml



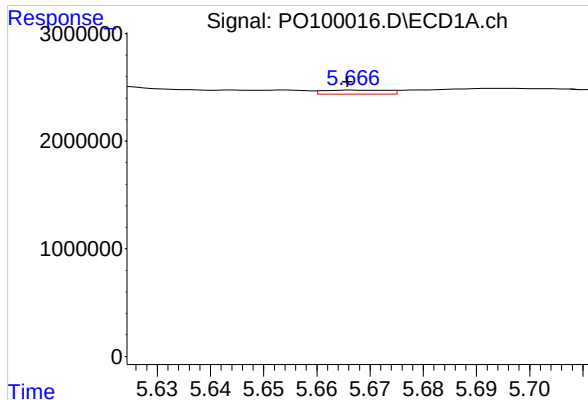
#20 AR-1242-5

R.T.: 6.621 min
Delta R.T.: 0.022 min
Response: 71369
Conc: 3.19 ng/ml



#20 AR-1242-5

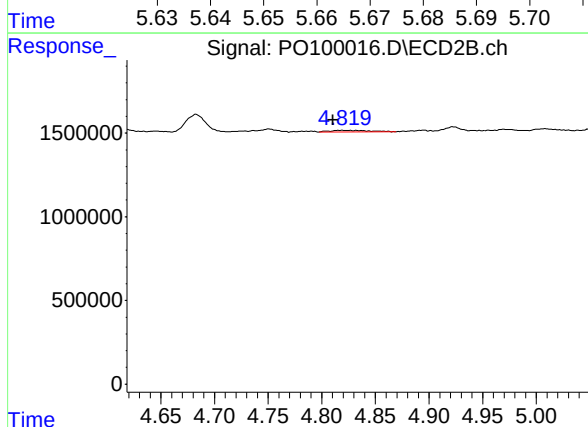
R.T.: 5.629 min
Delta R.T.: 0.004 min
Response: 1180853
Conc: 50.54 ng/ml



#21 AR-1248-1

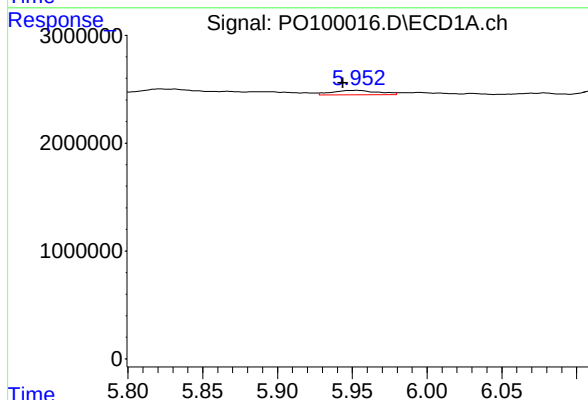
R.T.: 5.668 min
Delta R.T.: 0.002 min
Response: 309583
Conc: 11.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



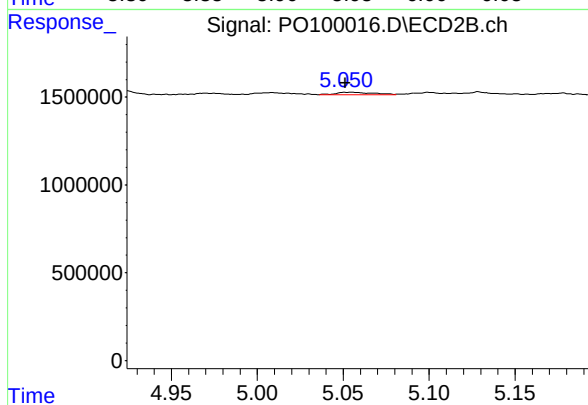
#21 AR-1248-1

R.T.: 4.819 min
Delta R.T.: 0.009 min
Response: 264985
Conc: 13.25 ng/ml



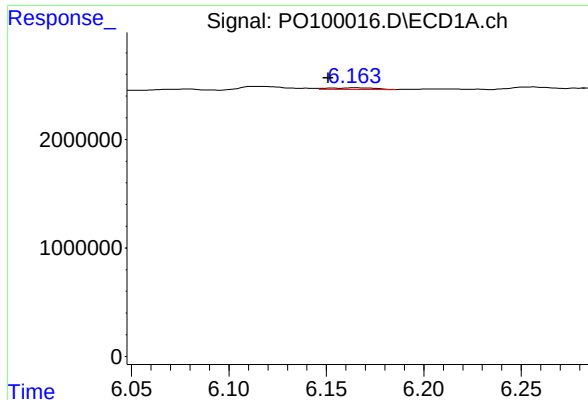
#22 AR-1248-2

R.T.: 5.953 min
Delta R.T.: 0.009 min
Response: 868843
Conc: 21.24 ng/ml



#22 AR-1248-2

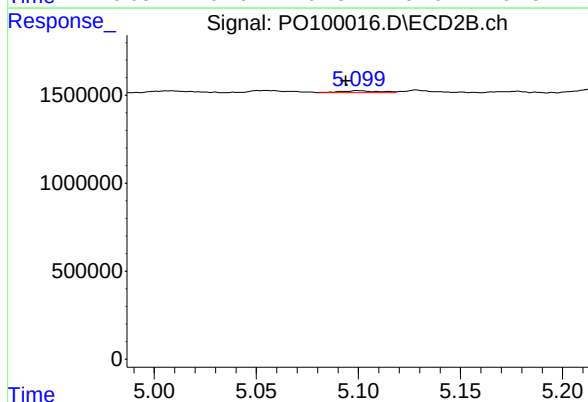
R.T.: 5.055 min
Delta R.T.: 0.004 min
Response: 193331
Conc: 6.91 ng/ml



#23 AR-1248-3

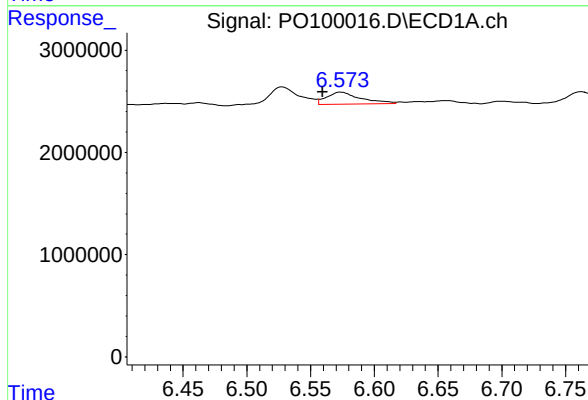
R.T.: 6.164 min
Delta R.T.: 0.013 min
Response: 255974
Conc: 5.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



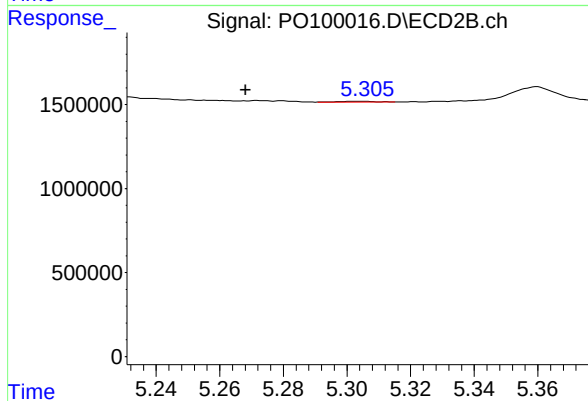
#23 AR-1248-3

R.T.: 5.100 min
Delta R.T.: 0.006 min
Response: 166244
Conc: 5.76 ng/ml



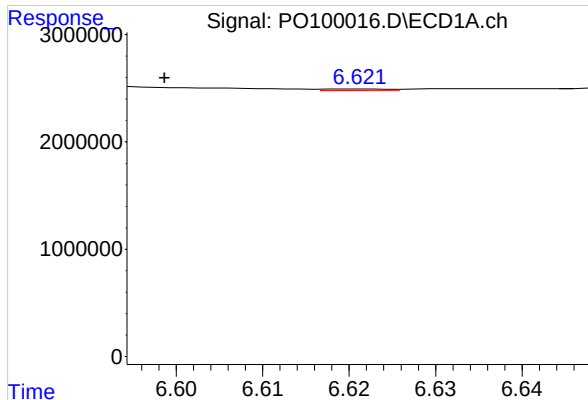
#24 AR-1248-4

R.T.: 6.574 min
Delta R.T.: 0.014 min
Response: 2210101
Conc: 58.64 ng/ml



#24 AR-1248-4

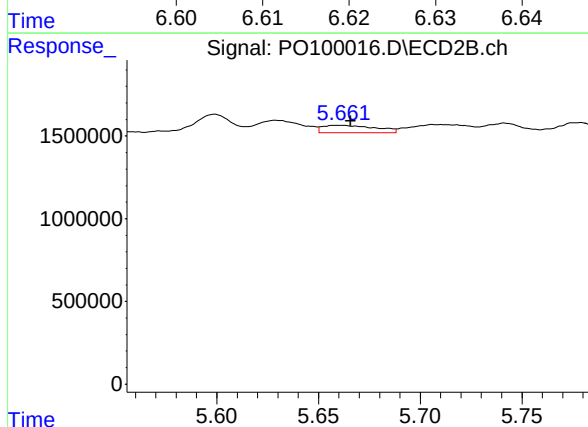
R.T.: 5.305 min
Delta R.T.: 0.037 min
Response: 41028
Conc: 1.25 ng/ml



#25 AR-1248-5

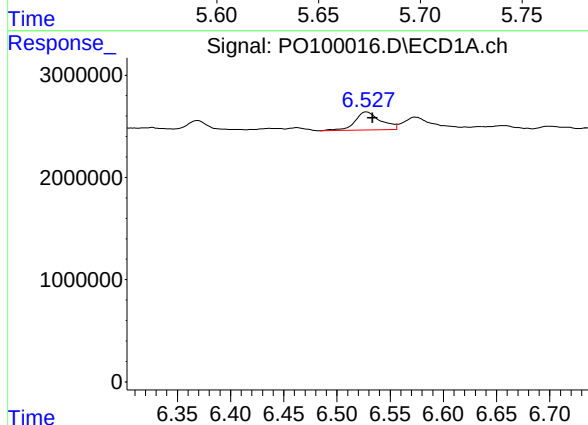
R.T.: 6.621 min
Delta R.T.: 0.023 min
Response: 71369
Conc: 1.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



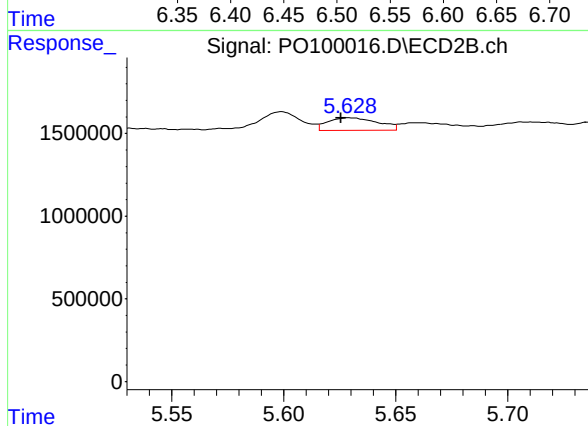
#25 AR-1248-5

R.T.: 5.660 min
Delta R.T.: -0.005 min
Response: 806771
Conc: 27.01 ng/ml



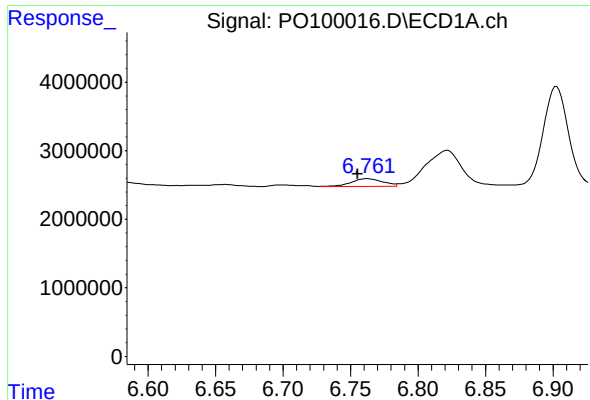
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.005 min
Response: 3025122
Conc: 62.82 ng/ml



#26 AR-1254-1

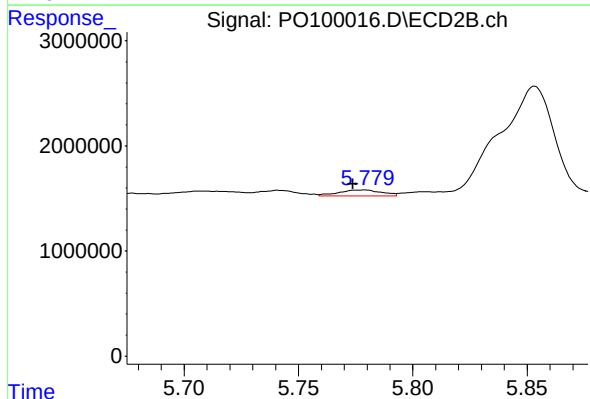
R.T.: 5.629 min
Delta R.T.: 0.004 min
Response: 1180853
Conc: 22.78 ng/ml



#27 AR-1254-2

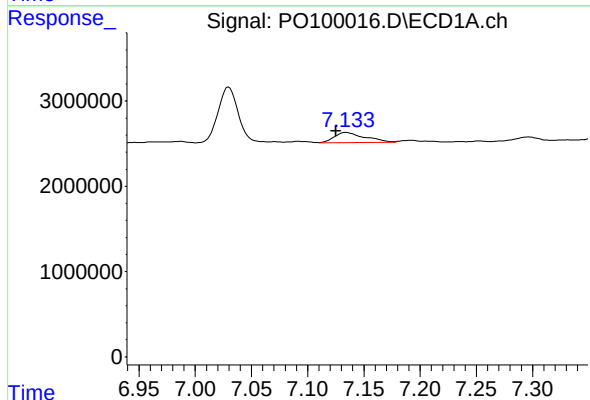
R.T.: 6.762 min
Delta R.T.: 0.007 min
Response: 1766369
Conc: 25.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



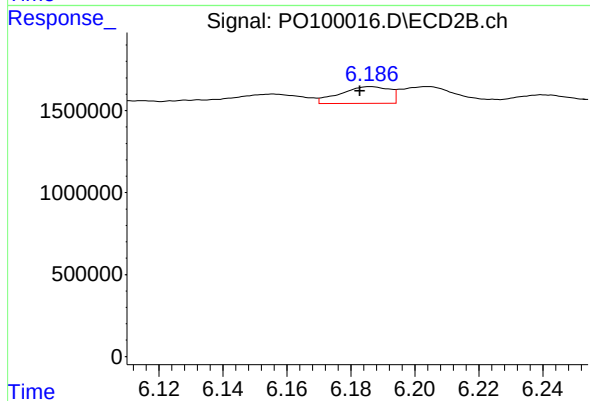
#27 AR-1254-2

R.T.: 5.778 min
Delta R.T.: 0.005 min
Response: 766443
Conc: 16.46 ng/ml



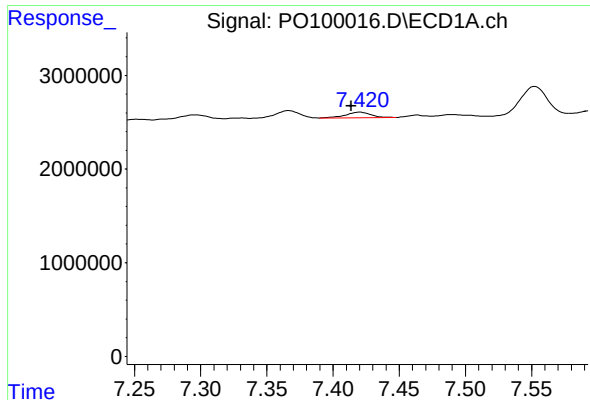
#28 AR-1254-3

R.T.: 7.134 min
Delta R.T.: 0.009 min
Response: 2295513
Conc: 36.03 ng/ml



#28 AR-1254-3

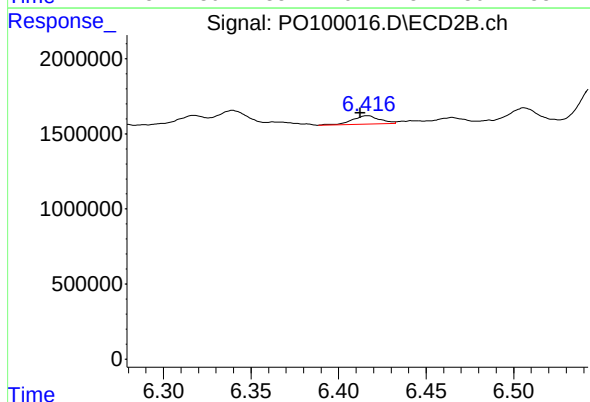
R.T.: 6.186 min
Delta R.T.: 0.003 min
Response: 1106381
Conc: 14.19 ng/ml



#29 AR-1254-4

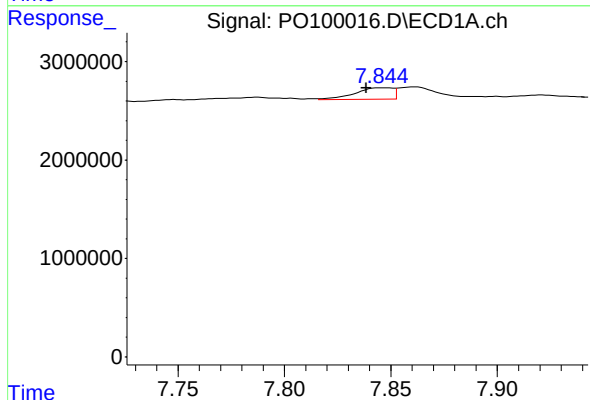
R.T.: 7.421 min
Delta R.T.: 0.007 min
Response: 808184
Conc: 21.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



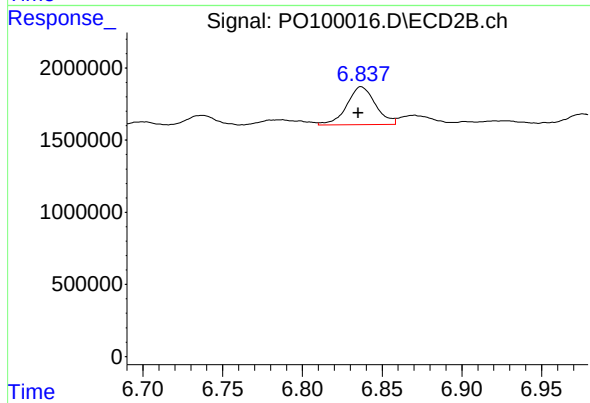
#29 AR-1254-4

R.T.: 6.416 min
Delta R.T.: 0.004 min
Response: 615939
Conc: 14.43 ng/ml



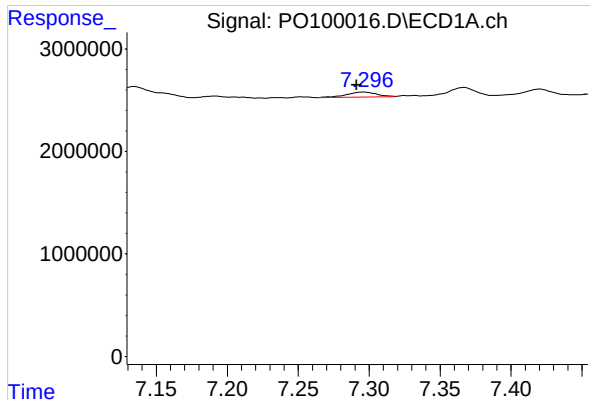
#30 AR-1254-5

R.T.: 7.846 min
Delta R.T.: 0.007 min
Response: 1480419
Conc: 34.59 ng/ml



#30 AR-1254-5

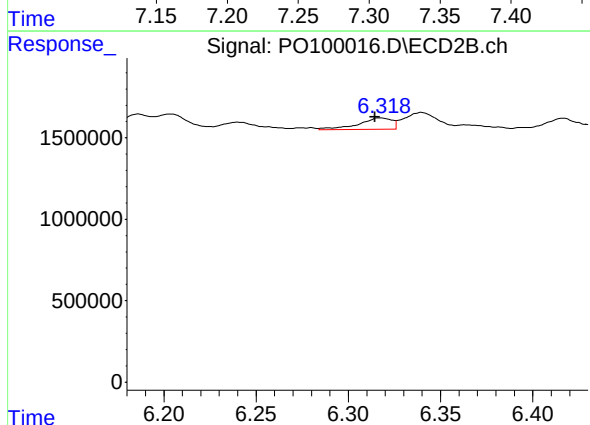
R.T.: 6.837 min
Delta R.T.: 0.002 min
Response: 3282079
Conc: 45.36 ng/ml



#31 AR-1260-1

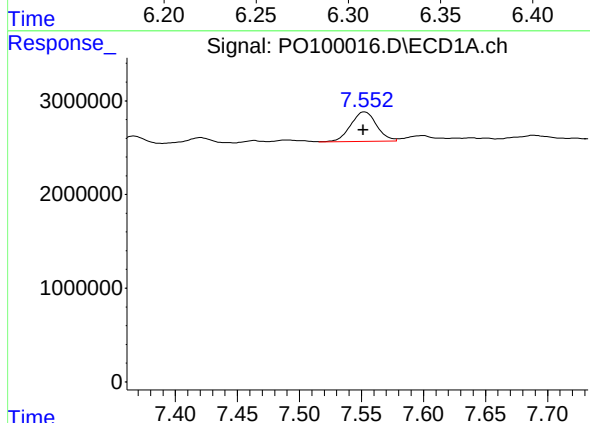
R.T.: 7.297 min
Delta R.T.: 0.006 min
Response: 738886
Conc: 13.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



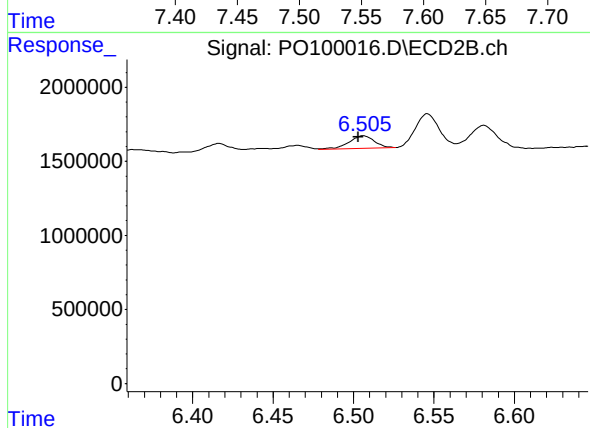
#31 AR-1260-1

R.T.: 6.318 min
Delta R.T.: 0.003 min
Response: 880470
Conc: 15.24 ng/ml



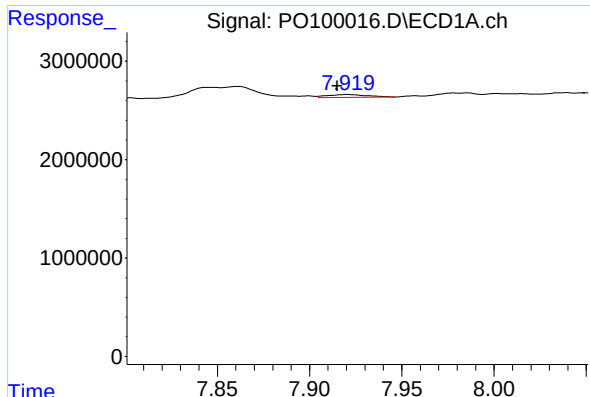
#32 AR-1260-2

R.T.: 7.553 min
Delta R.T.: 0.001 min
Response: 4568263
Conc: 86.36 ng/ml



#32 AR-1260-2

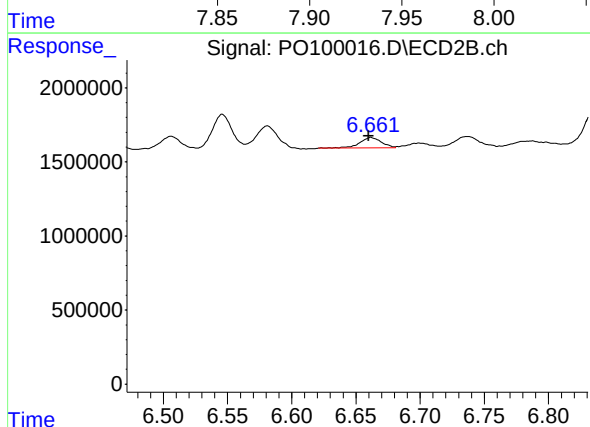
R.T.: 6.506 min
Delta R.T.: 0.003 min
Response: 949311
Conc: 14.29 ng/ml



#33 AR-1260-3

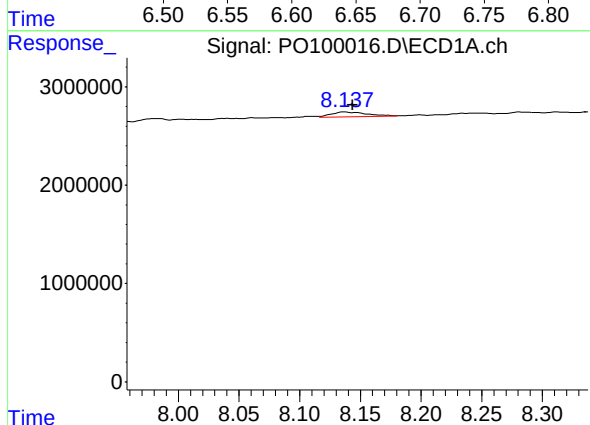
R.T.: 7.921 min
Delta R.T.: 0.005 min
Response: 442917
Conc: 12.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



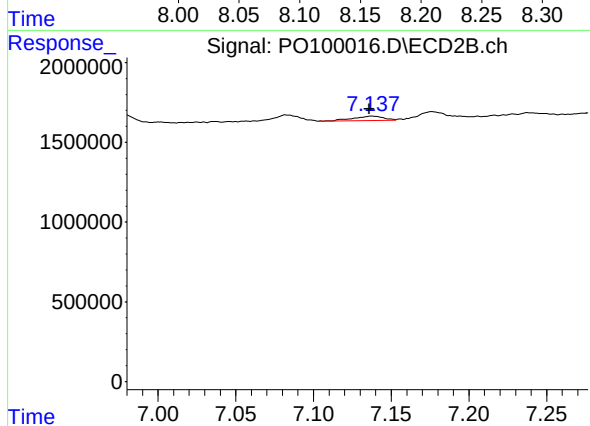
#33 AR-1260-3

R.T.: 6.662 min
Delta R.T.: 0.002 min
Response: 816363
Conc: 12.76 ng/ml



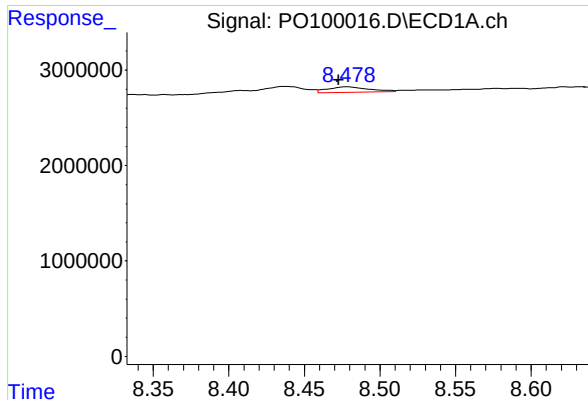
#34 AR-1260-4

R.T.: 8.137 min
Delta R.T.: -0.006 min
Response: 1048367
Conc: 25.33 ng/ml



#34 AR-1260-4

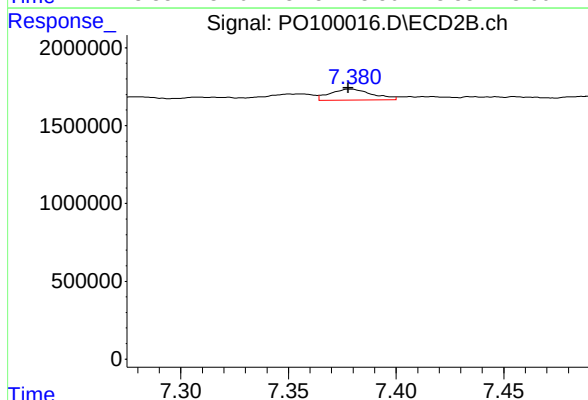
R.T.: 7.138 min
Delta R.T.: 0.002 min
Response: 366627
Conc: 7.27 ng/ml



#35 AR-1260-5

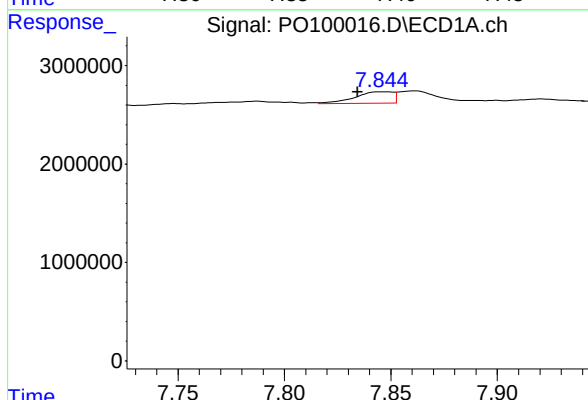
R.T.: 8.478 min
Delta R.T.: 0.006 min
Response: 1062310
Conc: 15.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



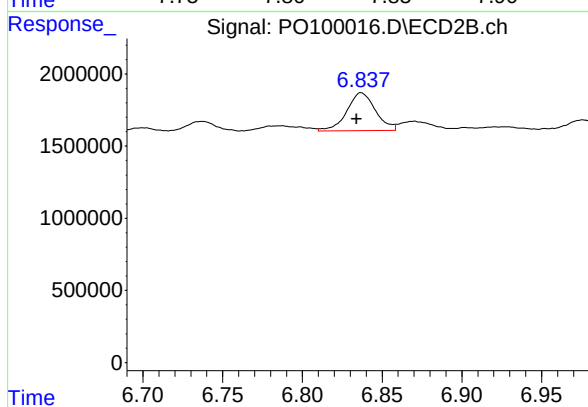
#35 AR-1260-5

R.T.: 7.379 min
Delta R.T.: 0.001 min
Response: 962373
Conc: 8.58 ng/ml



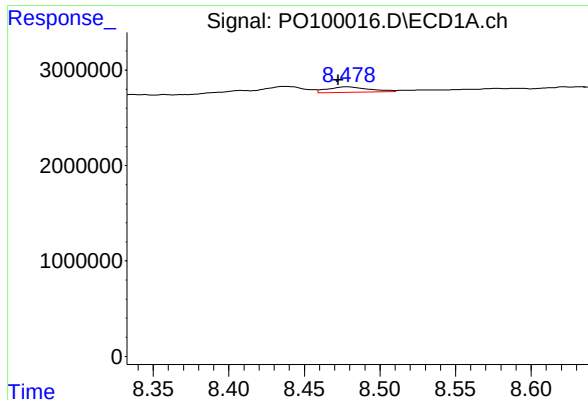
#36 AR-1262-1

R.T.: 7.846 min
Delta R.T.: 0.011 min
Response: 1480419
Conc: 40.93 ng/ml



#36 AR-1262-1

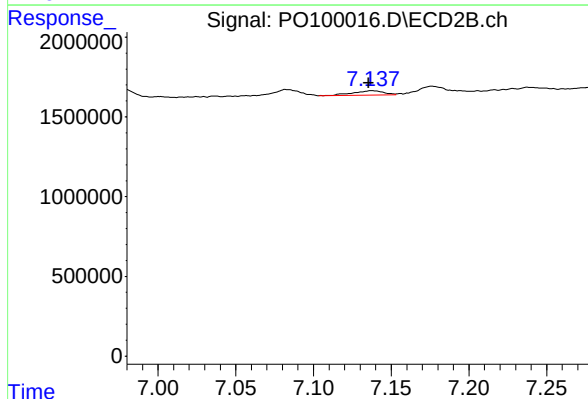
R.T.: 6.837 min
Delta R.T.: 0.003 min
Response: 3282079
Conc: 85.87 ng/ml



#37 AR-1262-2

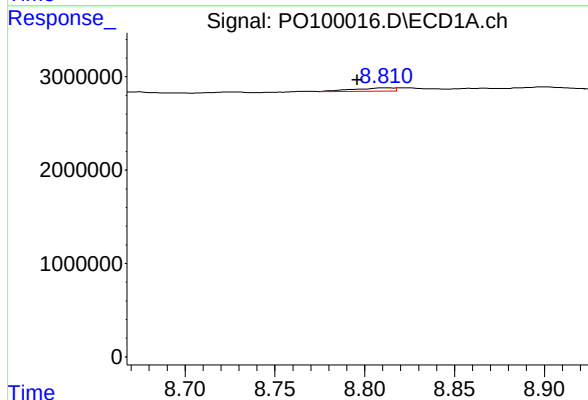
R.T.: 8.478 min
Delta R.T.: 0.006 min
Response: 1062310
Conc: 12.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



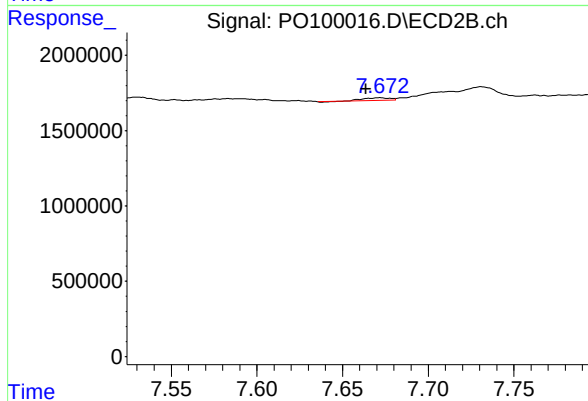
#37 AR-1262-2

R.T.: 7.138 min
Delta R.T.: 0.002 min
Response: 366627
Conc: 4.86 ng/ml



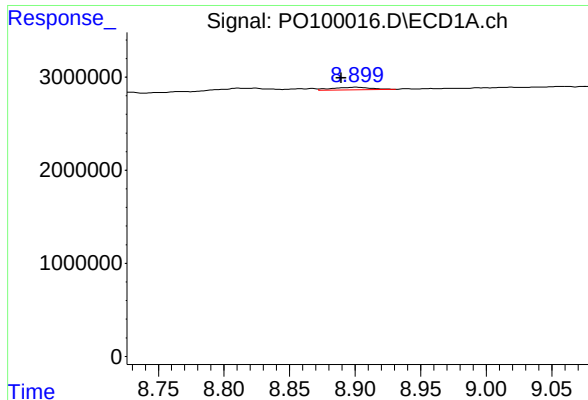
#38 AR-1262-3

R.T.: 8.811 min
Delta R.T.: 0.015 min
Response: 575495
Conc: 9.55 ng/ml



#38 AR-1262-3

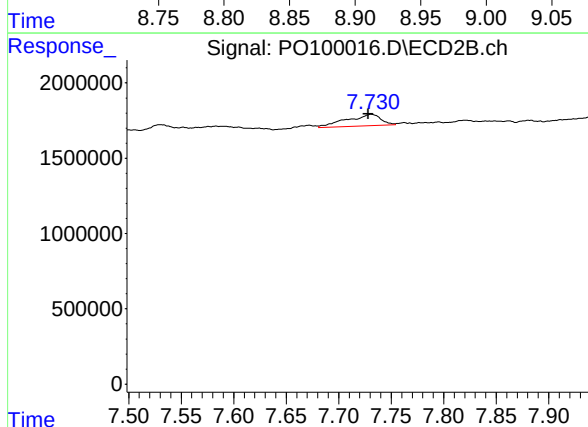
R.T.: 7.672 min
Delta R.T.: 0.008 min
Response: 170127
Conc: 2.92 ng/ml



#39 AR-1262-4

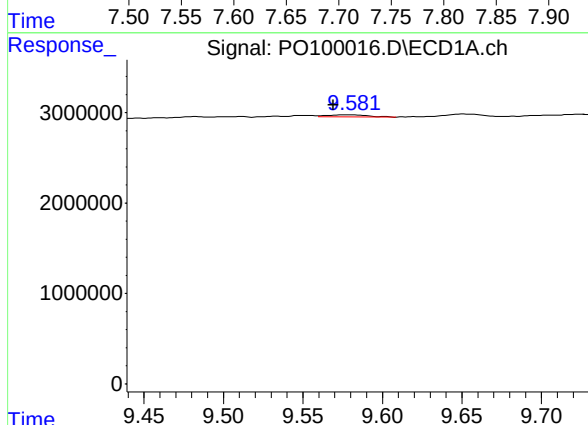
R.T.: 8.901 min
Delta R.T.: 0.011 min
Response: 610546
Conc: 12.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



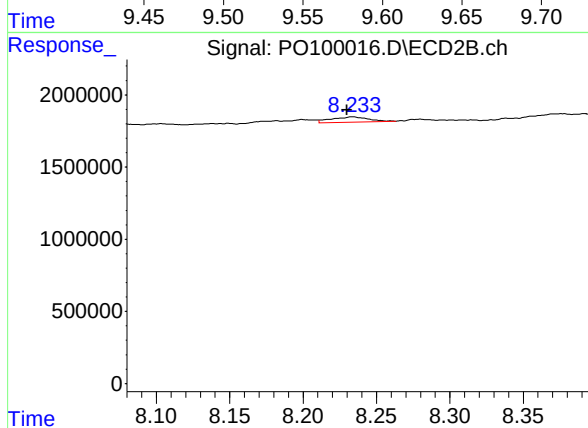
#39 AR-1262-4

R.T.: 7.731 min
Delta R.T.: 0.003 min
Response: 1695107
Conc: 16.49 ng/ml



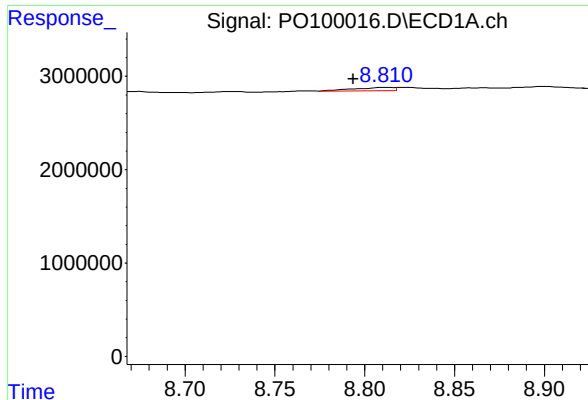
#40 AR-1262-5

R.T.: 9.581 min
Delta R.T.: 0.012 min
Response: 392386
Conc: 15.03 ng/ml



#40 AR-1262-5

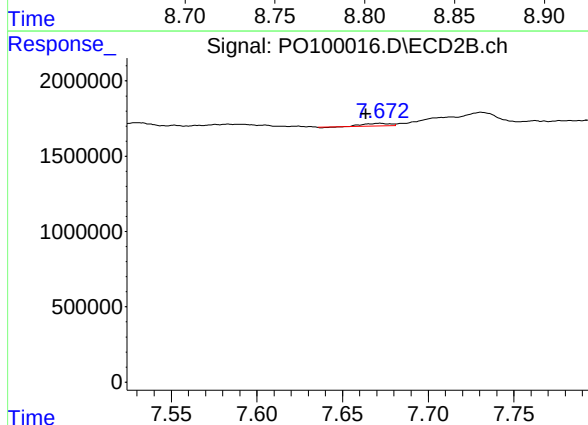
R.T.: 8.234 min
Delta R.T.: 0.004 min
Response: 625547
Conc: 14.36 ng/ml



#41 AR-1268-1

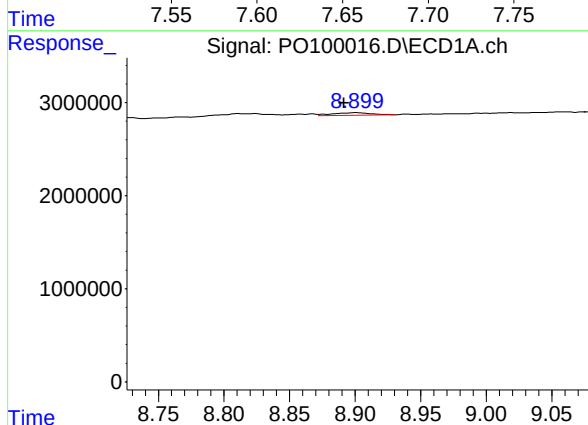
R.T.: 8.811 min
Delta R.T.: 0.018 min
Response: 575495
Conc: 5.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



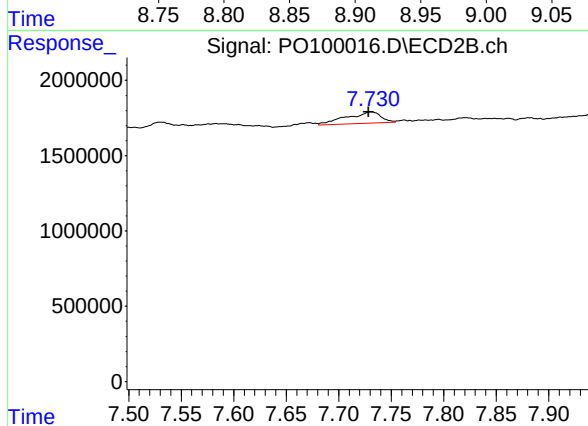
#41 AR-1268-1

R.T.: 7.672 min
Delta R.T.: 0.008 min
Response: 170127
Conc: 1.02 ng/ml



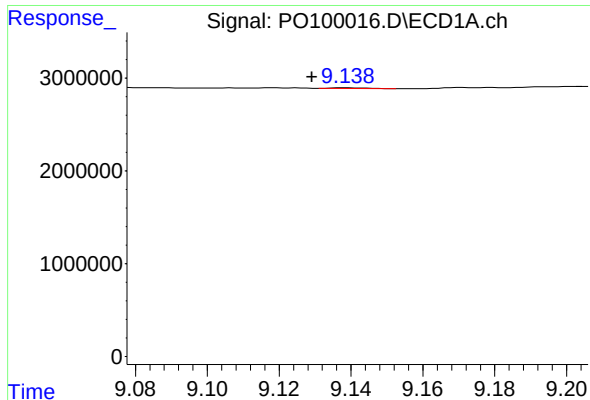
#42 AR-1268-2

R.T.: 8.901 min
Delta R.T.: 0.009 min
Response: 610546
Conc: 6.34 ng/ml



#42 AR-1268-2

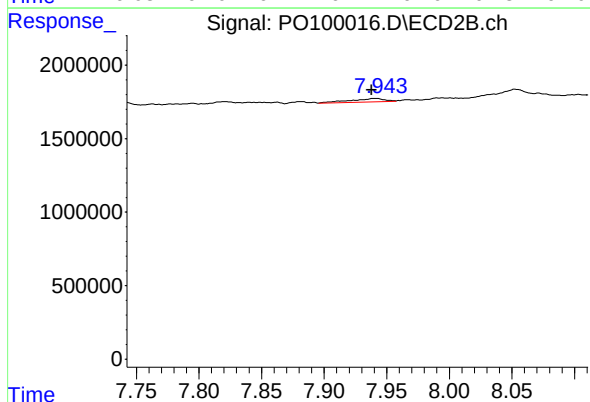
R.T.: 7.731 min
Delta R.T.: 0.003 min
Response: 1695107
Conc: 11.11 ng/ml



#43 AR-1268-3

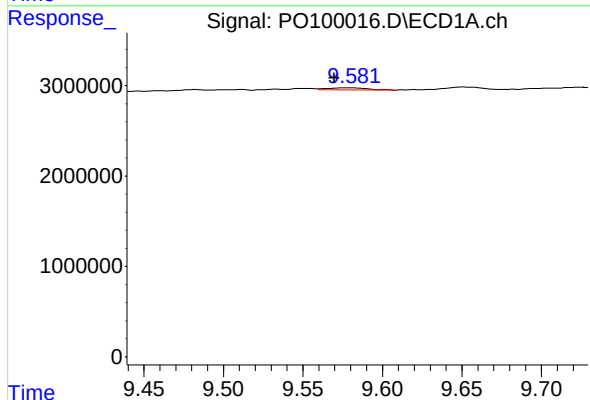
R.T.: 9.139 min
Delta R.T.: 0.010 min
Response: 57482
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



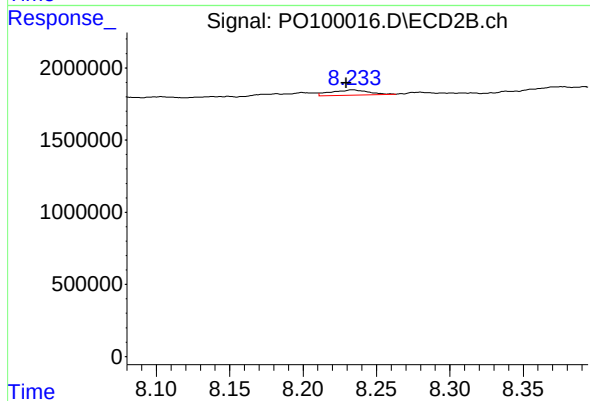
#43 AR-1268-3

R.T.: 7.940 min
Delta R.T.: 0.002 min
Response: 423215
Conc: 2.95 ng/ml



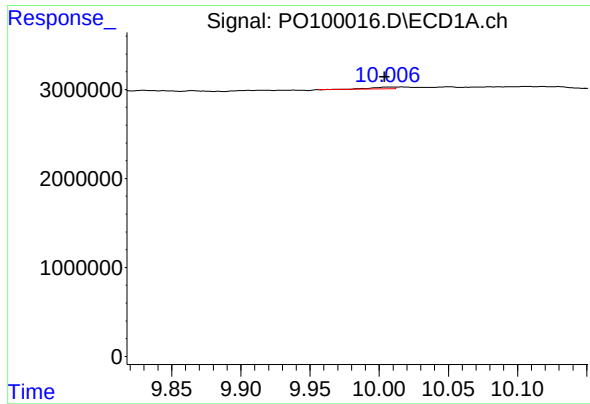
#44 AR-1268-4

R.T.: 9.581 min
Delta R.T.: 0.011 min
Response: 392386
Conc: 13.80 ng/ml



#44 AR-1268-4

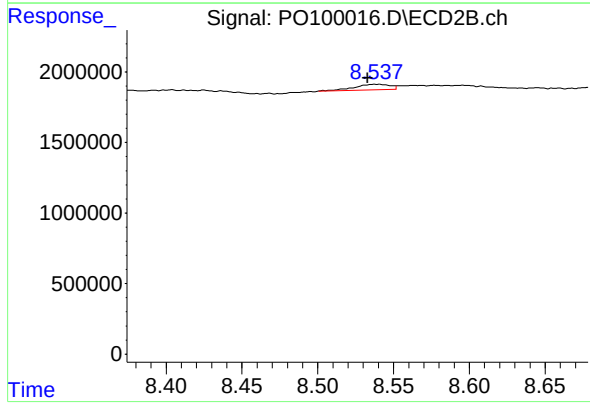
R.T.: 8.234 min
Delta R.T.: 0.004 min
Response: 625547
Conc: 13.31 ng/ml



#45 AR-1268-5

R.T.: 10.008 min
Delta R.T.: 0.004 min
Response: 224837
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.538 min
Delta R.T.: 0.005 min
Response: 614626
Conc: 1.54 ng/ml