

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122823\
 Data File : P0100840.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2023 14:59
 Operator : YP/AJ
 Sample : 06031-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 MR-321-10-12

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 23:53:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 21 04:28:19 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...	4.348	3.645	75781806	50198316	24.287	24.566
2) SA Decachlor...	10.095	8.708	46360038	36915199	22.191	24.458
Target Compounds						
3) L1 AR-1016-1	5.518	4.743	295167	121001	3.439	1.955 #
4) L1 AR-1016-2	5.538	4.753	344238	120076	2.697	1.362 #
5) L1 AR-1016-3	5.599	4.929	726184	148996	9.208	3.189 #
6) L1 AR-1016-4	5.709	4.980	327780	234457	5.379	5.713
7) L1 AR-1016-5	6.000	5.185	68634	320012	1.121	6.160 #
8) L2 AR-1221-1	4.555	3.862	2839394	253005	76.808	10.075 #
9) L2 AR-1221-2	4.654	3.932	857021	2573063	30.860	133.997 #
10) L2 AR-1221-3	4.716	4.023	69784	38418	0.836	0.653
11) L3 AR-1232-1	4.716	4.023	69784	38418	1.047	0.813
12) L3 AR-1232-2	5.265	4.753	76047	120076	2.169	2.879 #
13) L3 AR-1232-3	5.538	4.929	344238	148996	5.769	6.945
14) L3 AR-1232-4	5.709	5.024	327780	116331	11.954	5.475 #
15) L3 AR-1232-5	5.772	5.185	258110	320012	10.735	14.643 #
16) L4 AR-1242-1	5.518	4.743	295167	121001	4.185	2.317 #
17) L4 AR-1242-2	5.538	4.753	344238	120076	3.280	1.657 #
18) L4 AR-1242-3	5.599	4.929	726184	148996	11.171	3.889 #
19) L4 AR-1242-4	5.709	5.024	327780	116331	6.546	2.791 #
20) L4 AR-1242-5	6.440	5.544	662646	380824	12.803	8.298 #
21) L5 AR-1248-1	5.518	4.743	295167	121001	5.380	3.026 #
22) L5 AR-1248-2	5.772	4.980	258110	234457	2.989	3.897 #
23) L5 AR-1248-3	6.000	5.024	68634	116331	0.782	1.861 #
24) L5 AR-1248-4	6.420	5.185	1430035	320012	15.906	4.443 #
25) L5 AR-1248-5	6.440	5.590	662646	202723	7.382	3.286 #
26) L6 AR-1254-1	6.350	5.544	629568	380824	5.989	3.711 #
27) L6 AR-1254-2	6.591	5.701	598856	149841	4.056	1.631 #
28) L6 AR-1254-3	6.977	6.118	56158	253041	0.401	1.871 #
29) L6 AR-1254-4	0.000	6.342	0	212481	N.D.	2.946 #
30) L6 AR-1254-5	7.704f	6.783	812713	1971276	6.868	17.108 #
31) L7 AR-1260-1	7.152	6.239	2176405	125708	15.887	1.320 #
32) L7 AR-1260-2	7.427f	0.000	56065	0	0.446	N.D. #
33) L7 AR-1260-3	7.749	6.591	425493	145856	4.393	1.423 #
34) L7 AR-1260-4	7.964	7.035	1135772	248320	10.763	3.046 #
35) L7 AR-1260-5	8.306	7.262f	3190494	669869	15.114	3.712 #
36) L8 AR-1262-1	7.704f	6.783	812713	1971276	8.135	31.602 #
37) L8 AR-1262-2	8.306	7.035	3190494	248320	13.445	2.197 #
38) L8 AR-1262-3	8.593	7.594	179998	226474	1.108	2.941 #
39) L8 AR-1262-4	8.698	7.628	436156	494204	3.383	3.345
40) L8 AR-1262-5	9.333	8.131	152211	303036	1.908	4.738 #
41) L9 AR-1268-1	8.593	7.594	179998	226474	0.637	1.022 #

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 Sample : 06031-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

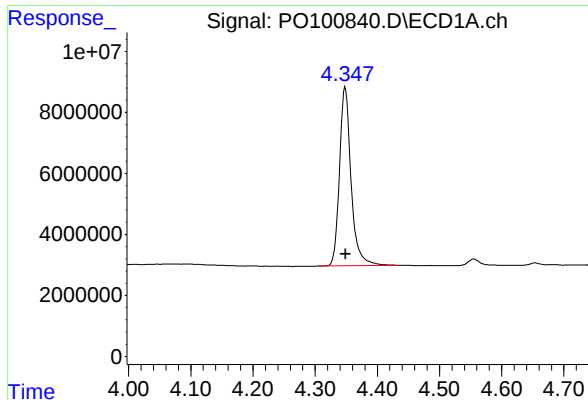
Instrument :
 ECD_O
 ClientSampleId :
 MR-321-10-12

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 23:53:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.698	7.628	436156	494204	1.726	2.443 #
43) L9	AR-1268-3	8.924	7.857	34428	668089	0.151	3.541 #
44) L9	AR-1268-4	9.333	8.131	152211	303036	1.944	4.513 #
45) L9	AR-1268-5	9.752	8.419	548761	1240091	0.765	2.390 #

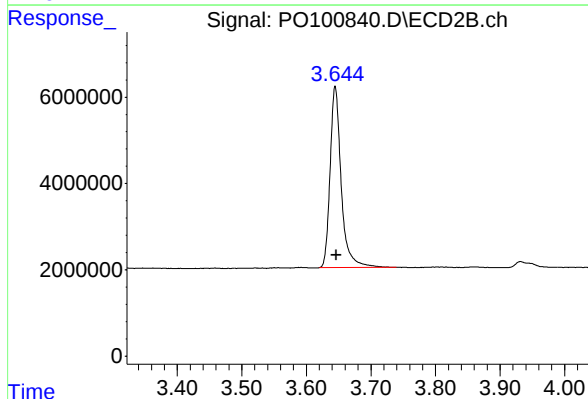
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

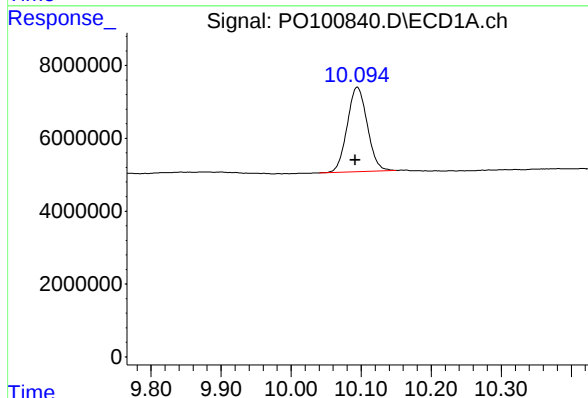
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 75781806
Conc: 24.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



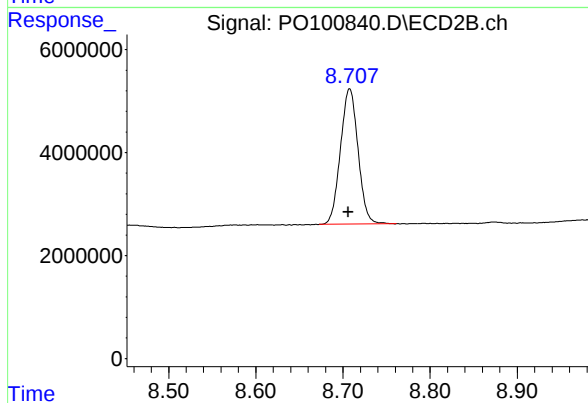
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.002 min
Response: 50198316
Conc: 24.57 ng/ml



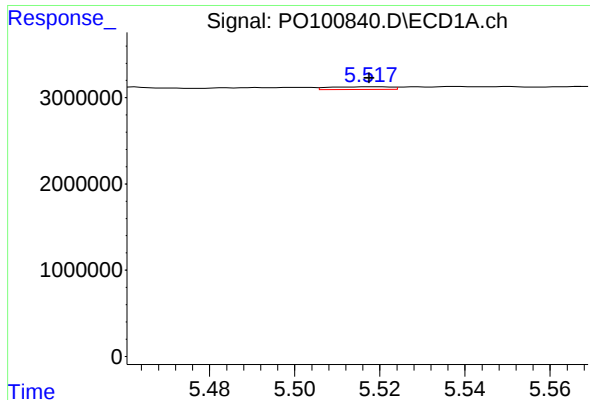
#2 Decachlorobiphenyl

R.T.: 10.095 min
Delta R.T.: 0.003 min
Response: 46360038
Conc: 22.19 ng/ml



#2 Decachlorobiphenyl

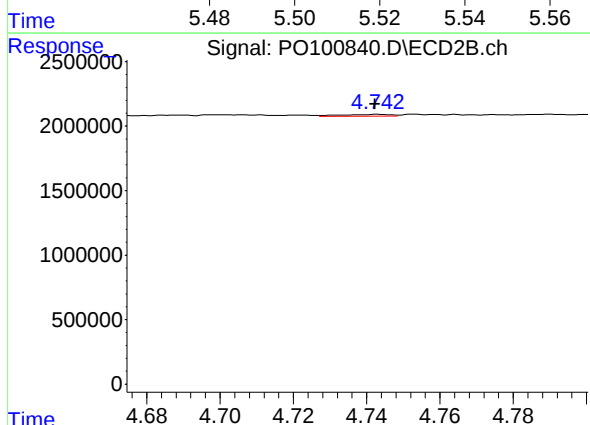
R.T.: 8.708 min
Delta R.T.: 0.002 min
Response: 36915199
Conc: 24.46 ng/ml



#3 AR-1016-1

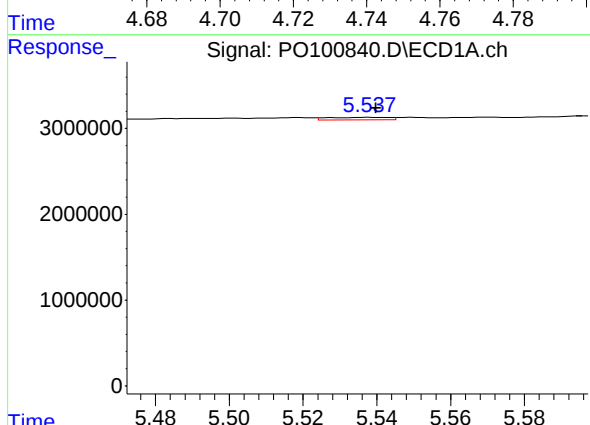
R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 295167
Conc: 3.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



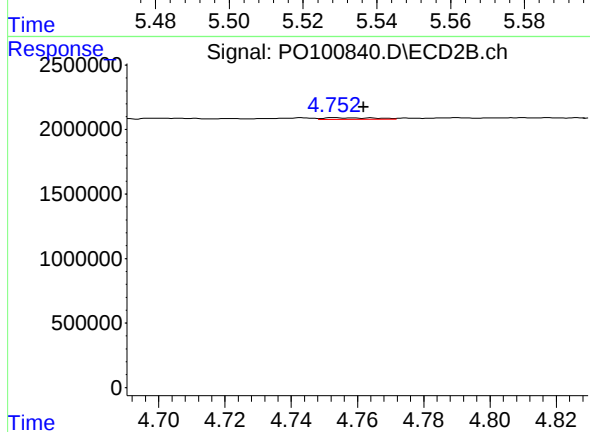
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 121001
Conc: 1.96 ng/ml



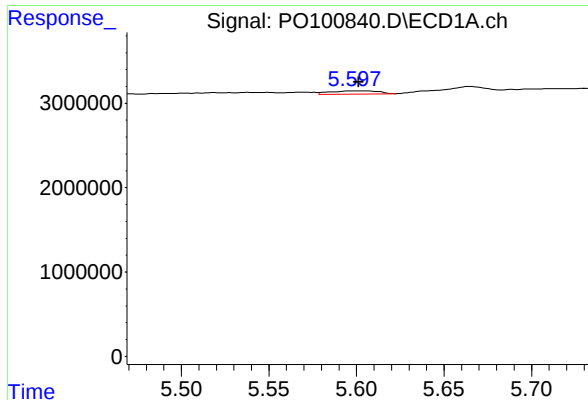
#4 AR-1016-2

R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 344238
Conc: 2.70 ng/ml



#4 AR-1016-2

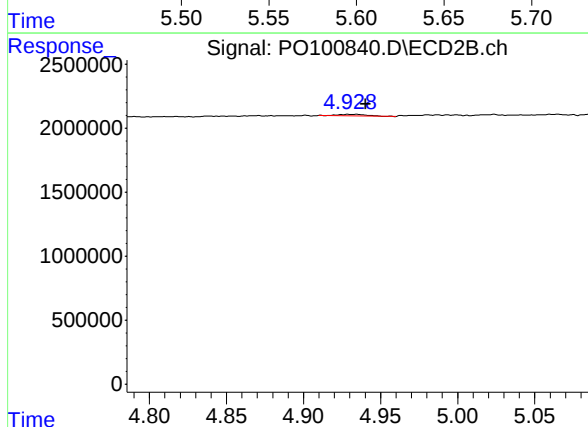
R.T.: 4.753 min
Delta R.T.: -0.008 min
Response: 120076
Conc: 1.36 ng/ml



#5 AR-1016-3

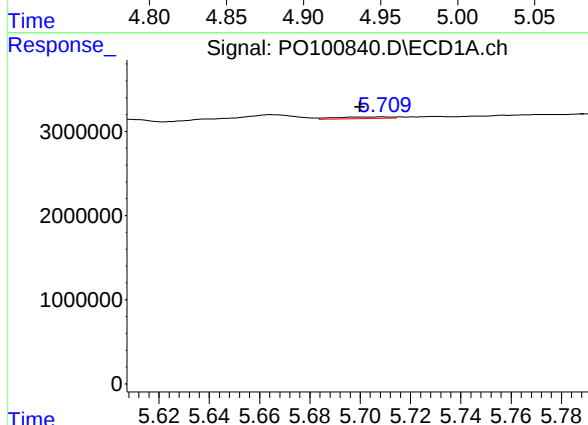
R.T.: 5.599 min
Delta R.T.: -0.003 min
Response: 726184
Conc: 9.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



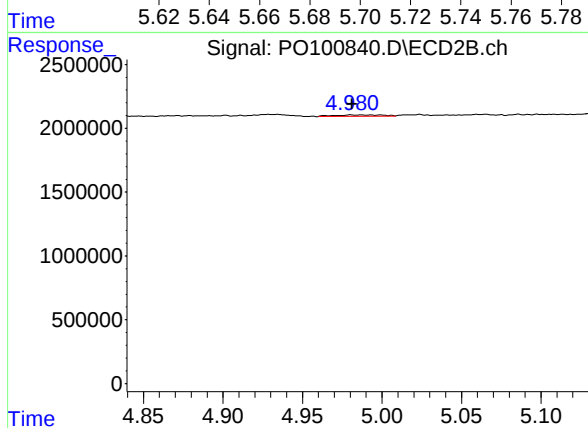
#5 AR-1016-3

R.T.: 4.929 min
Delta R.T.: -0.011 min
Response: 148996
Conc: 3.19 ng/ml



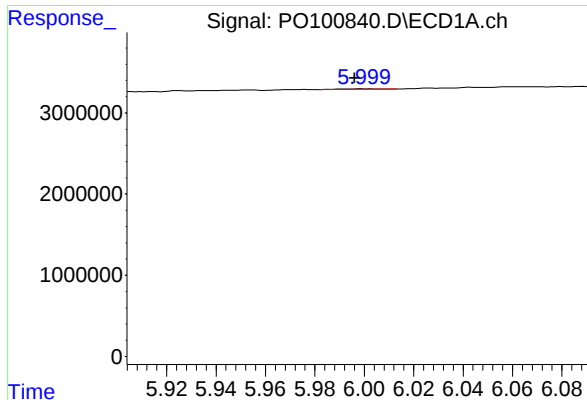
#6 AR-1016-4

R.T.: 5.709 min
Delta R.T.: 0.009 min
Response: 327780
Conc: 5.38 ng/ml



#6 AR-1016-4

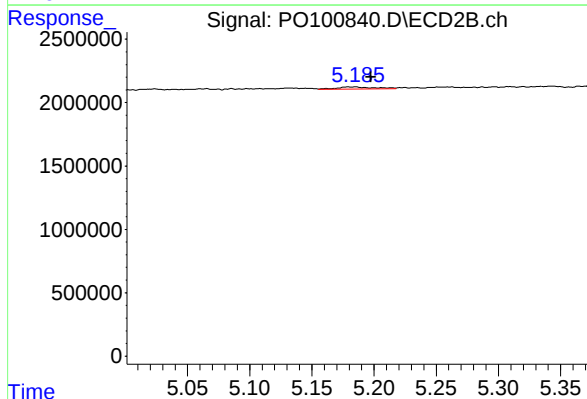
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 234457
Conc: 5.71 ng/ml



#7 AR-1016-5

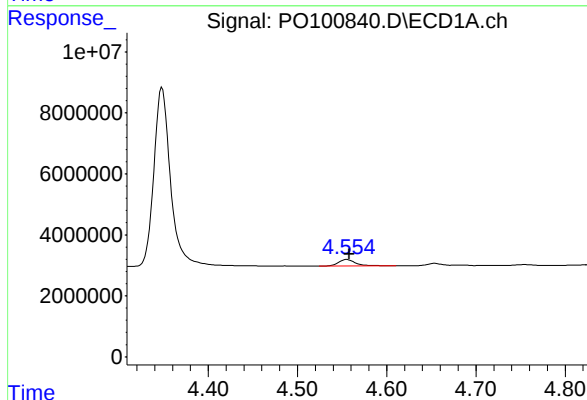
R.T.: 6.000 min
Delta R.T.: 0.004 min
Response: 68634
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



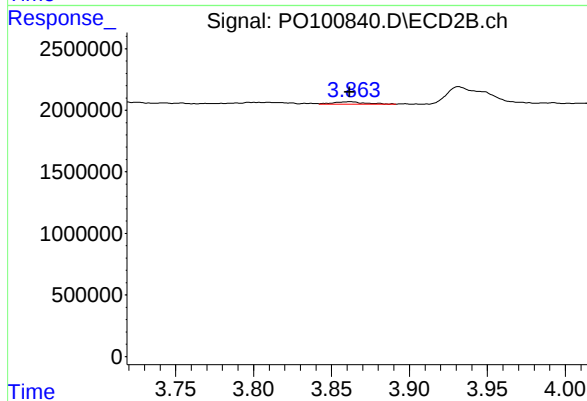
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: -0.012 min
Response: 320012
Conc: 6.16 ng/ml



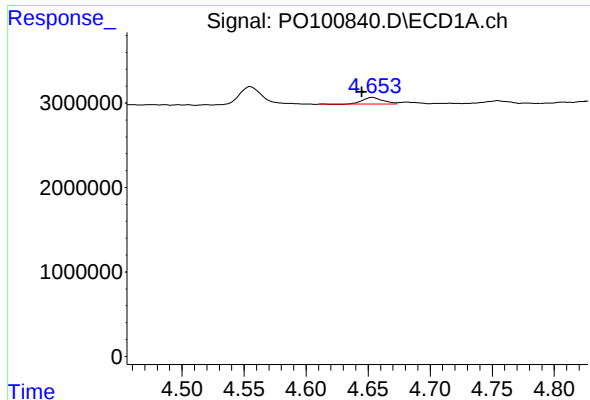
#8 AR-1221-1

R.T.: 4.555 min
Delta R.T.: -0.003 min
Response: 2839394
Conc: 76.81 ng/ml



#8 AR-1221-1

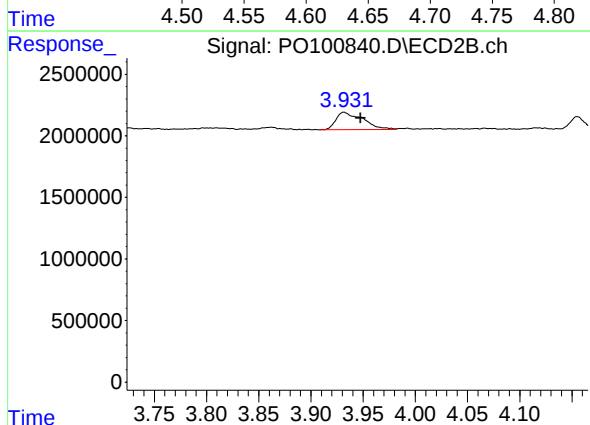
R.T.: 3.862 min
Delta R.T.: 0.000 min
Response: 253005
Conc: 10.08 ng/ml



#9 AR-1221-2

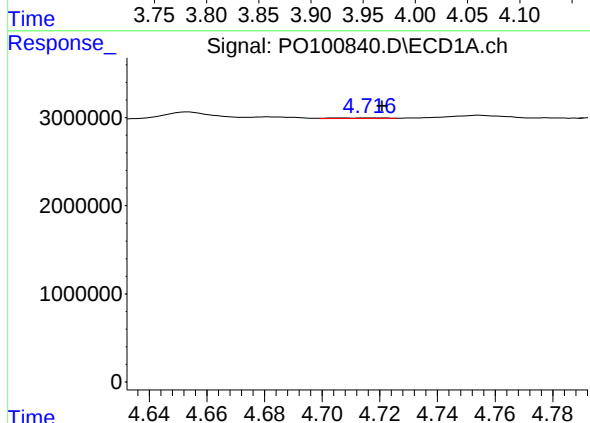
R.T.: 4.654 min
Delta R.T.: 0.009 min
Response: 857021
Conc: 30.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



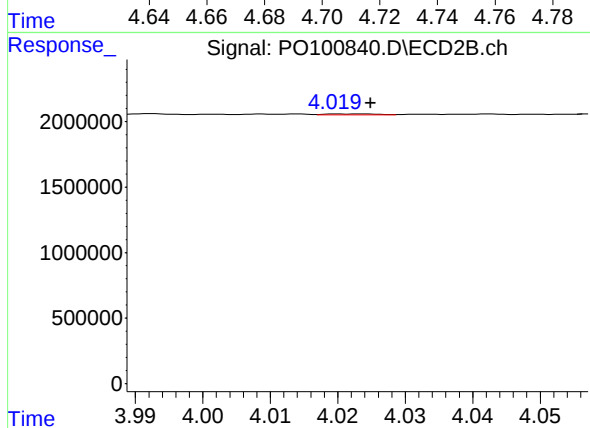
#9 AR-1221-2

R.T.: 3.932 min
Delta R.T.: -0.016 min
Response: 2573063
Conc: 134.00 ng/ml



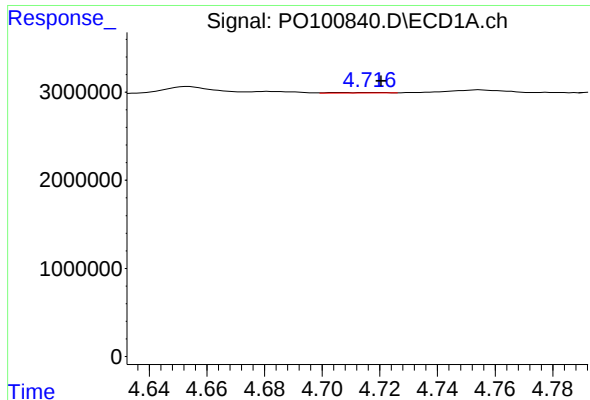
#10 AR-1221-3

R.T.: 4.716 min
Delta R.T.: -0.005 min
Response: 69784
Conc: 0.84 ng/ml



#10 AR-1221-3

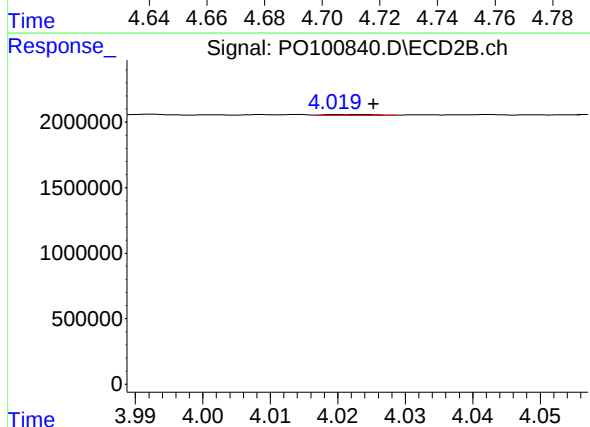
R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 38418
Conc: 0.65 ng/ml



#11 AR-1232-1

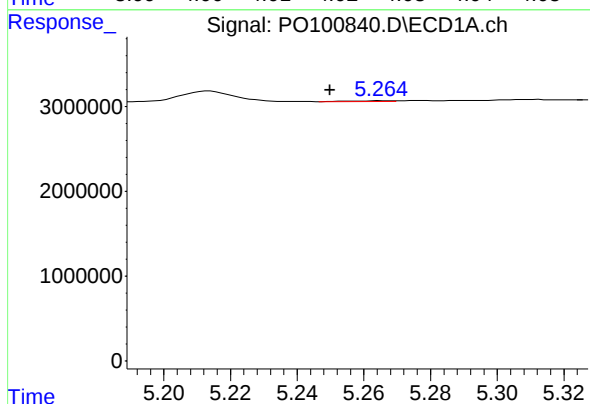
R.T.: 4.716 min
Delta R.T.: -0.004 min
Response: 69784
Conc: 1.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



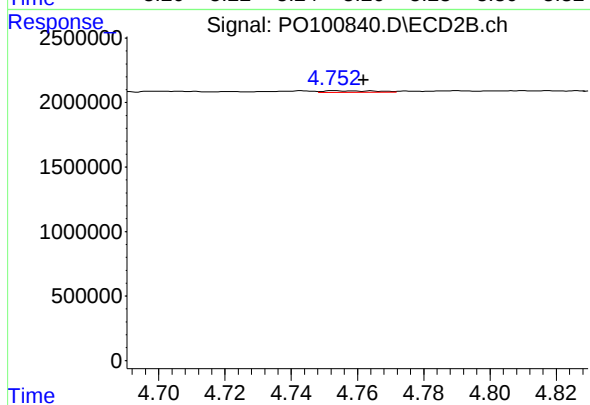
#11 AR-1232-1

R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 38418
Conc: 0.81 ng/ml



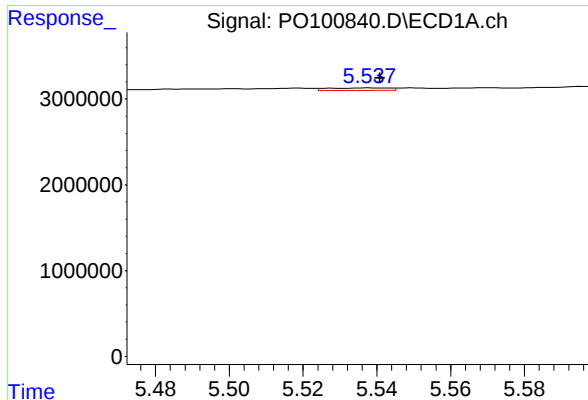
#12 AR-1232-2

R.T.: 5.265 min
Delta R.T.: 0.015 min
Response: 76047
Conc: 2.17 ng/ml



#12 AR-1232-2

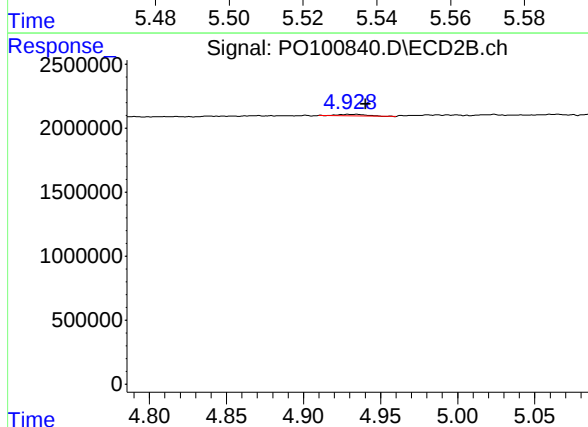
R.T.: 4.753 min
Delta R.T.: -0.009 min
Response: 120076
Conc: 2.88 ng/ml



#13 AR-1232-3

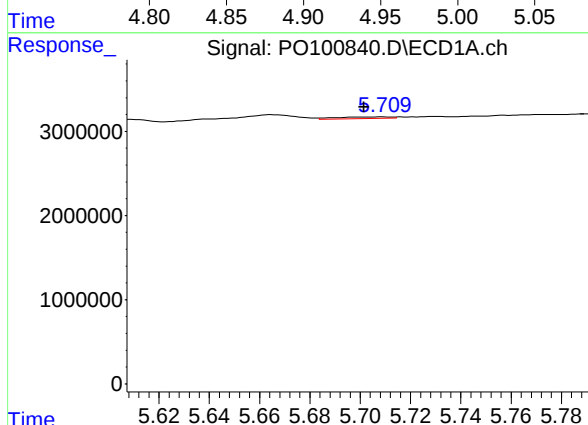
R.T.: 5.538 min
Delta R.T.: -0.003 min
Response: 344238
Conc: 5.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



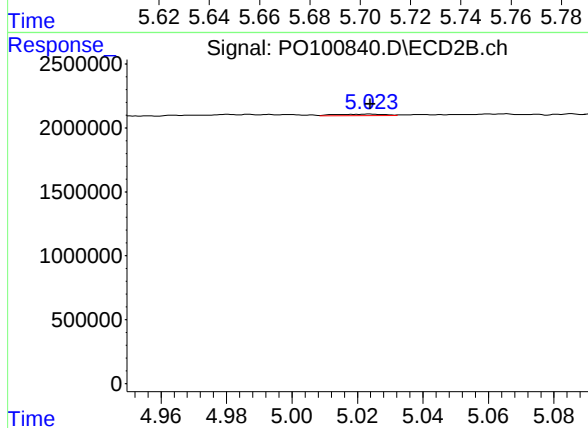
#13 AR-1232-3

R.T.: 4.929 min
Delta R.T.: -0.011 min
Response: 148996
Conc: 6.95 ng/ml



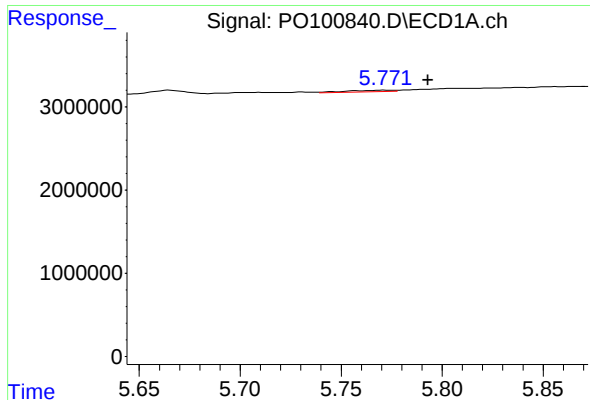
#14 AR-1232-4

R.T.: 5.709 min
Delta R.T.: 0.008 min
Response: 327780
Conc: 11.95 ng/ml



#14 AR-1232-4

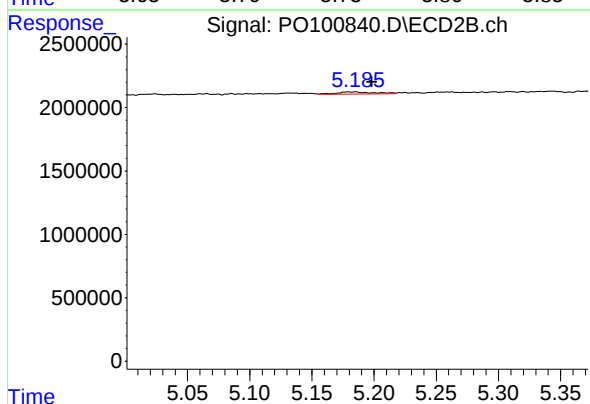
R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 116331
Conc: 5.48 ng/ml



#15 AR-1232-5

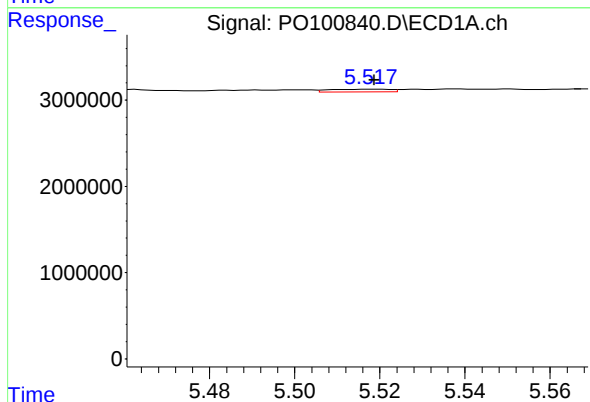
R.T.: 5.772 min
Delta R.T.: -0.021 min
Response: 258110
Conc: 10.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



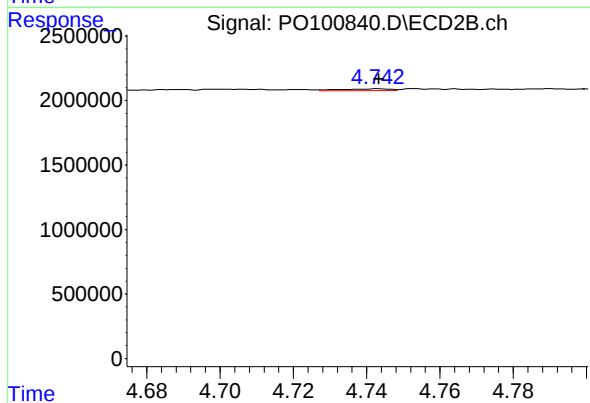
#15 AR-1232-5

R.T.: 5.185 min
Delta R.T.: -0.013 min
Response: 320012
Conc: 14.64 ng/ml



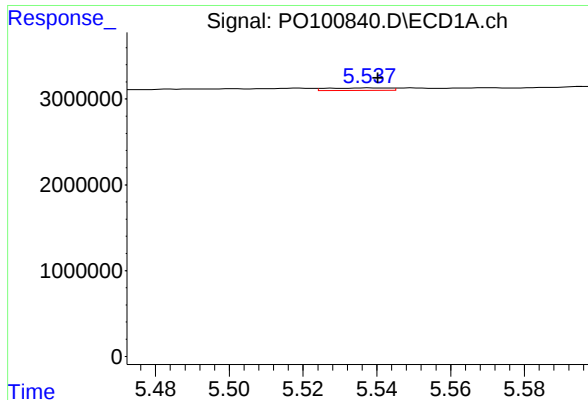
#16 AR-1242-1

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 295167
Conc: 4.18 ng/ml



#16 AR-1242-1

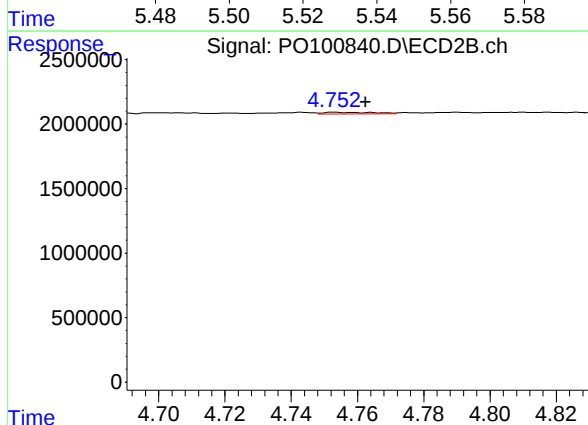
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 121001
Conc: 2.32 ng/ml



#17 AR-1242-2

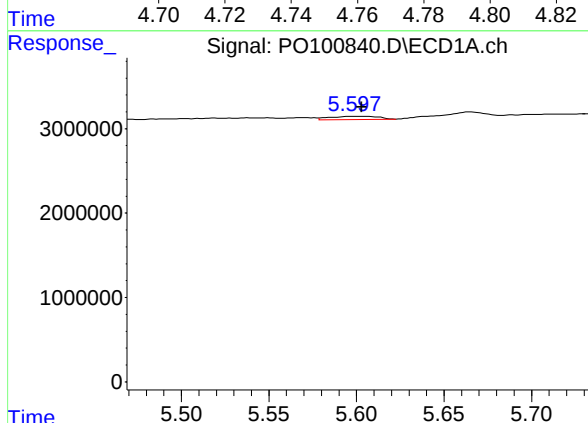
R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 344238
Conc: 3.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



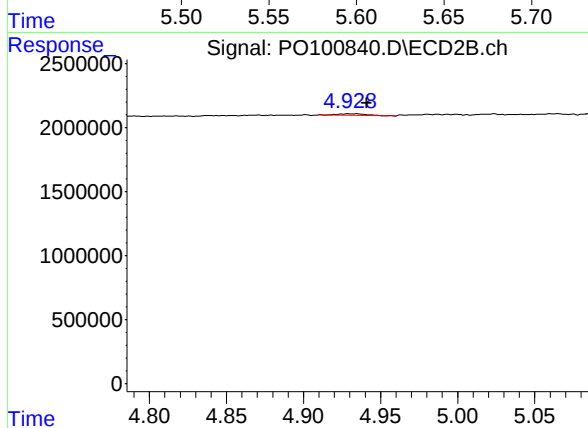
#17 AR-1242-2

R.T.: 4.753 min
Delta R.T.: -0.009 min
Response: 120076
Conc: 1.66 ng/ml



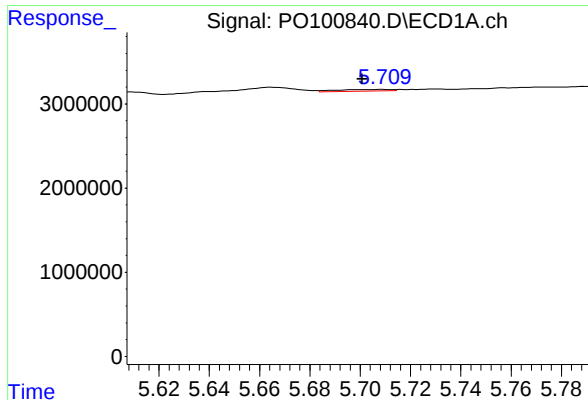
#18 AR-1242-3

R.T.: 5.599 min
Delta R.T.: -0.004 min
Response: 726184
Conc: 11.17 ng/ml



#18 AR-1242-3

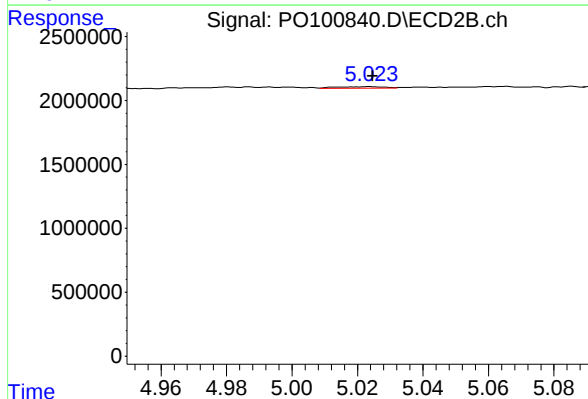
R.T.: 4.929 min
Delta R.T.: -0.012 min
Response: 148996
Conc: 3.89 ng/ml



#19 AR-1242-4

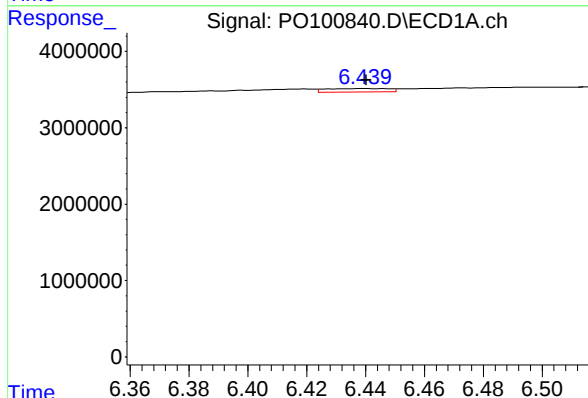
R.T.: 5.709 min
Delta R.T.: 0.008 min
Response: 327780
Conc: 6.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



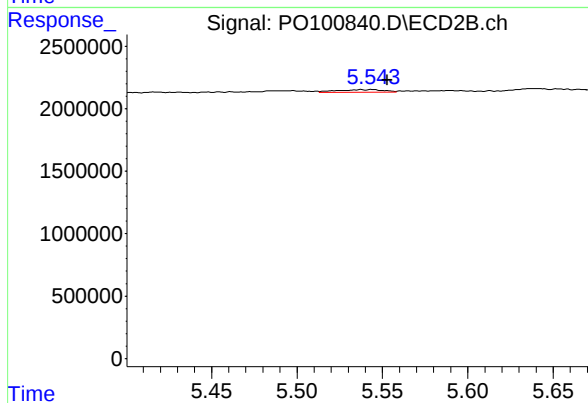
#19 AR-1242-4

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 116331
Conc: 2.79 ng/ml



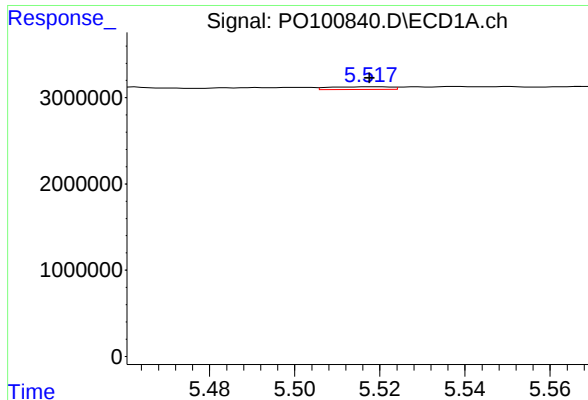
#20 AR-1242-5

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 662646
Conc: 12.80 ng/ml



#20 AR-1242-5

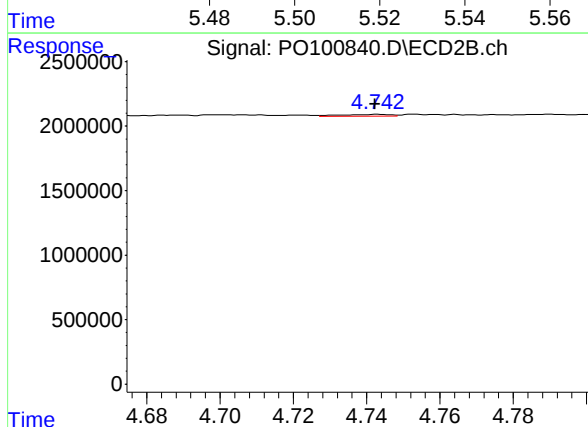
R.T.: 5.544 min
Delta R.T.: -0.009 min
Response: 380824
Conc: 8.30 ng/ml



#21 AR-1248-1

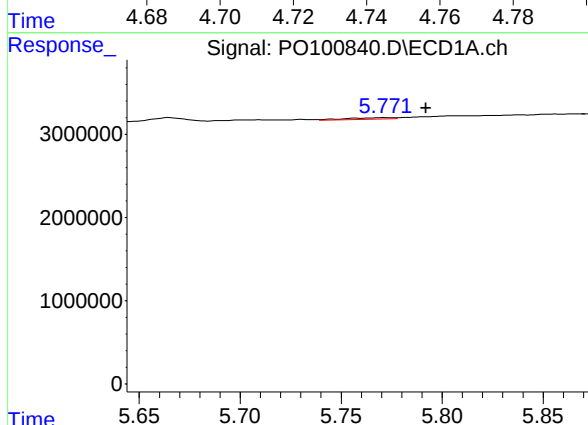
R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 295167
Conc: 5.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



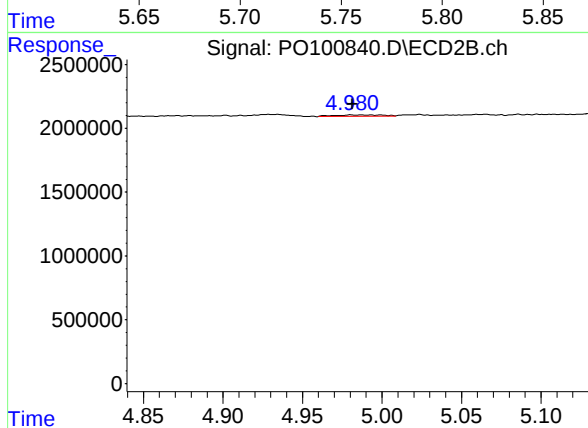
#21 AR-1248-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 121001
Conc: 3.03 ng/ml



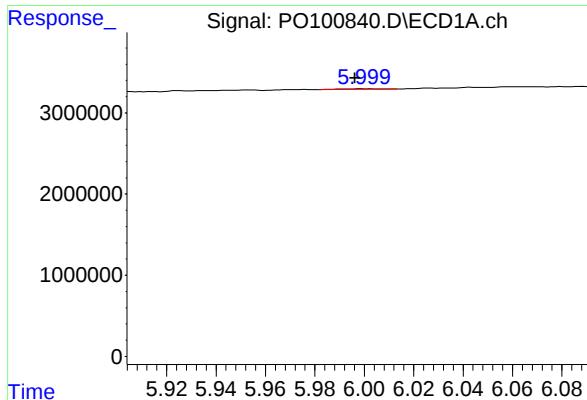
#22 AR-1248-2

R.T.: 5.772 min
Delta R.T.: -0.020 min
Response: 258110
Conc: 2.99 ng/ml



#22 AR-1248-2

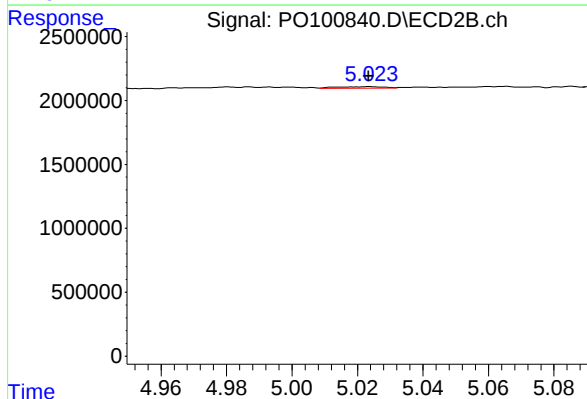
R.T.: 4.980 min
Delta R.T.: -0.001 min
Response: 234457
Conc: 3.90 ng/ml



#23 AR-1248-3

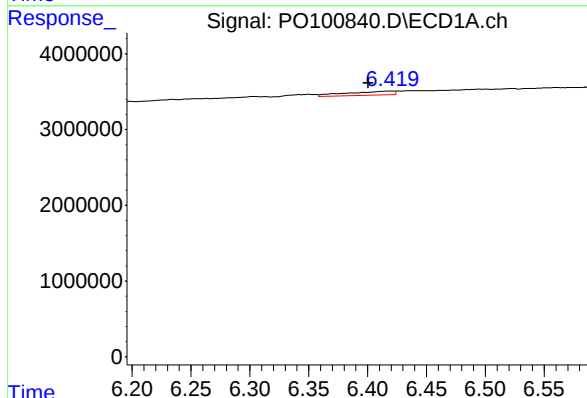
R.T.: 6.000 min
Delta R.T.: 0.004 min
Response: 68634
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



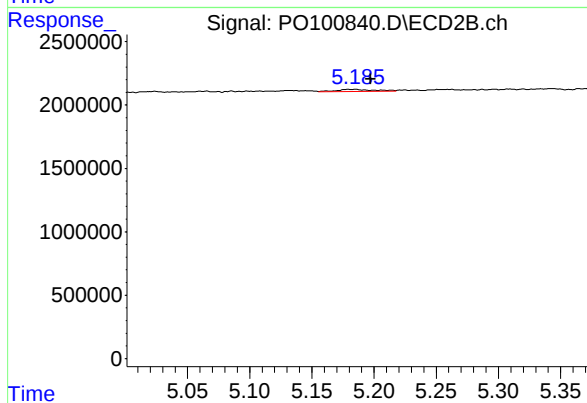
#23 AR-1248-3

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 116331
Conc: 1.86 ng/ml



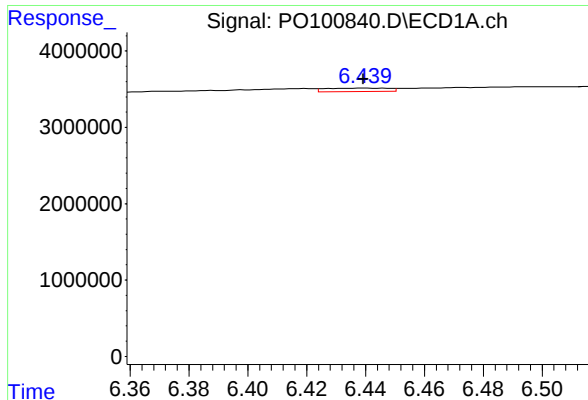
#24 AR-1248-4

R.T.: 6.420 min
Delta R.T.: 0.019 min
Response: 1430035
Conc: 15.91 ng/ml



#24 AR-1248-4

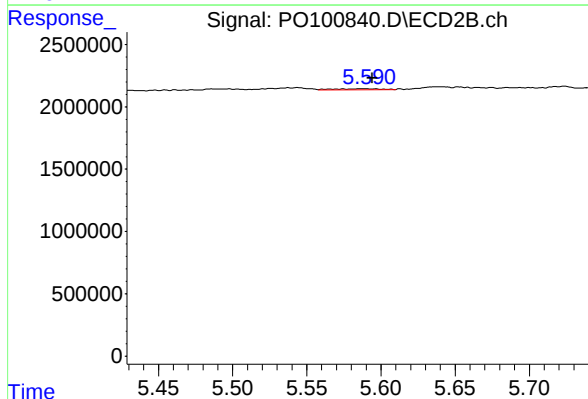
R.T.: 5.185 min
Delta R.T.: -0.012 min
Response: 320012
Conc: 4.44 ng/ml



#25 AR-1248-5

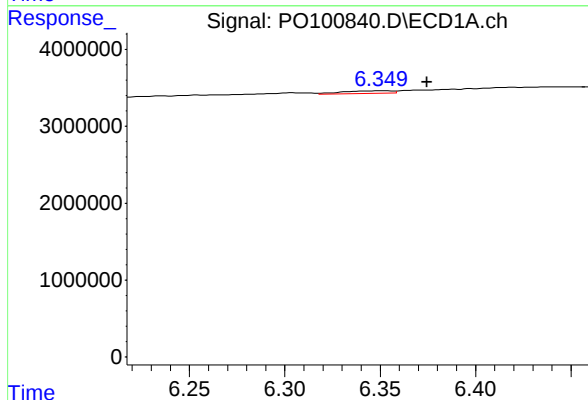
R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 662646
Conc: 7.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



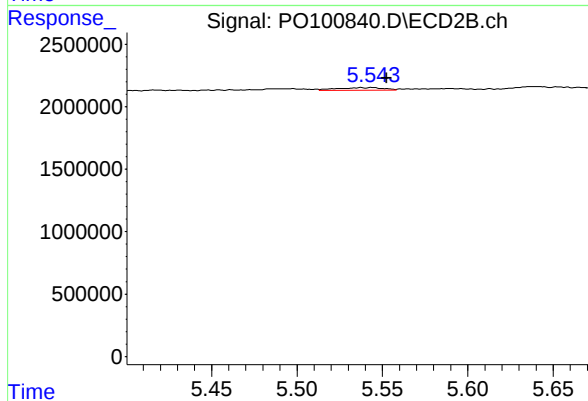
#25 AR-1248-5

R.T.: 5.590 min
Delta R.T.: -0.005 min
Response: 202723
Conc: 3.29 ng/ml



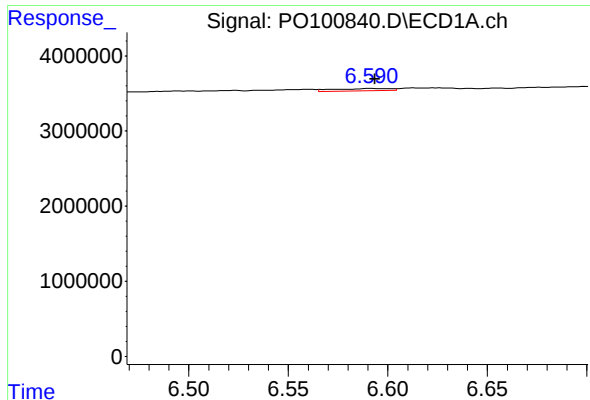
#26 AR-1254-1

R.T.: 6.350 min
Delta R.T.: -0.024 min
Response: 629568
Conc: 5.99 ng/ml



#26 AR-1254-1

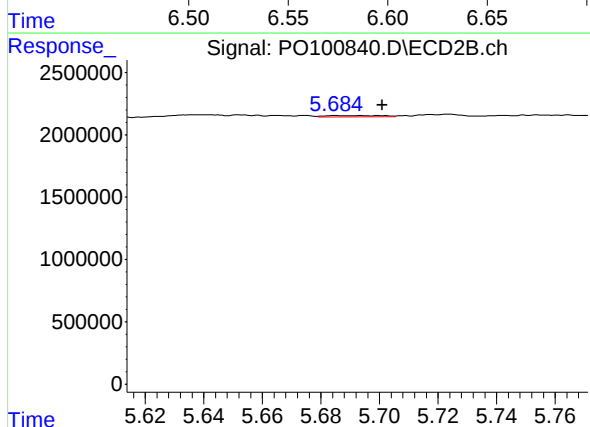
R.T.: 5.544 min
Delta R.T.: -0.008 min
Response: 380824
Conc: 3.71 ng/ml



#27 AR-1254-2

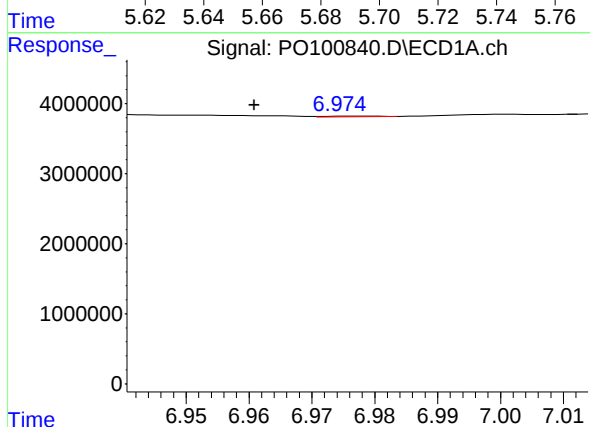
R.T.: 6.591 min
Delta R.T.: -0.002 min
Response: 598856
Conc: 4.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



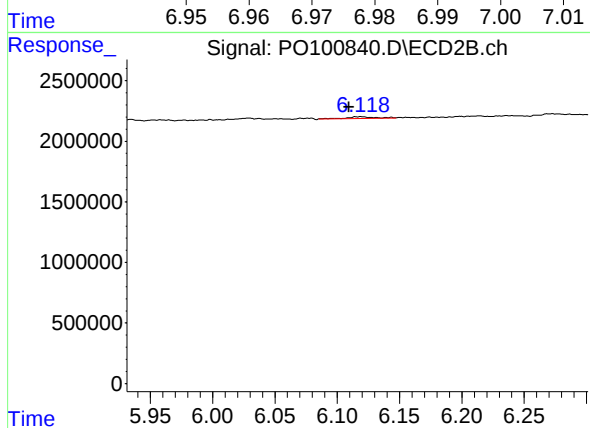
#27 AR-1254-2

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 149841
Conc: 1.63 ng/ml



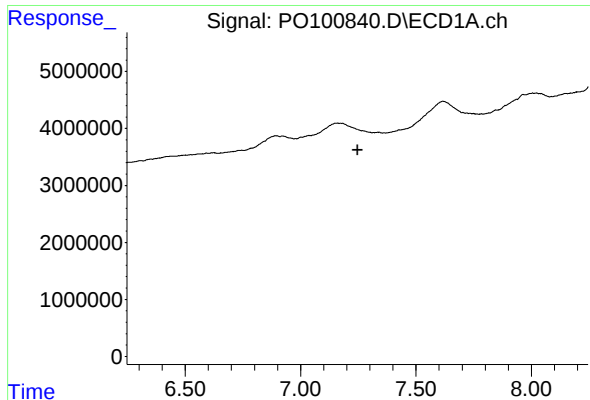
#28 AR-1254-3

R.T.: 6.977 min
Delta R.T.: 0.016 min
Response: 56158
Conc: 0.40 ng/ml



#28 AR-1254-3

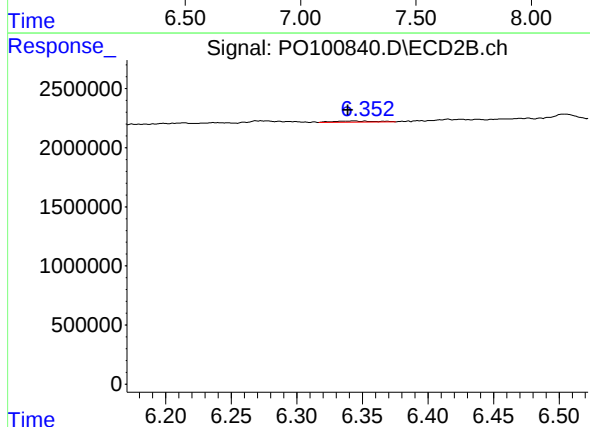
R.T.: 6.118 min
Delta R.T.: 0.009 min
Response: 253041
Conc: 1.87 ng/ml



#29 AR-1254-4

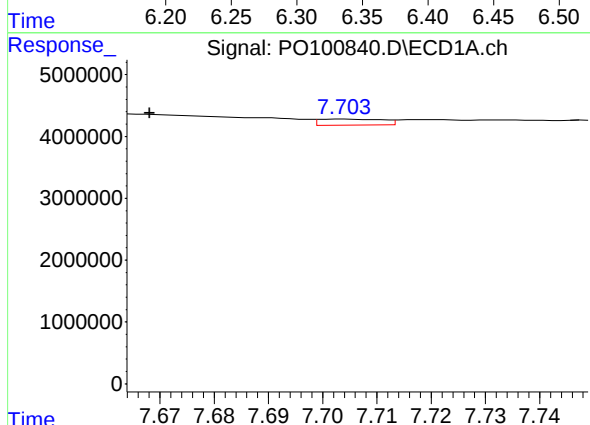
R.T.: 0.000 min
Exp R.T.: 7.247 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



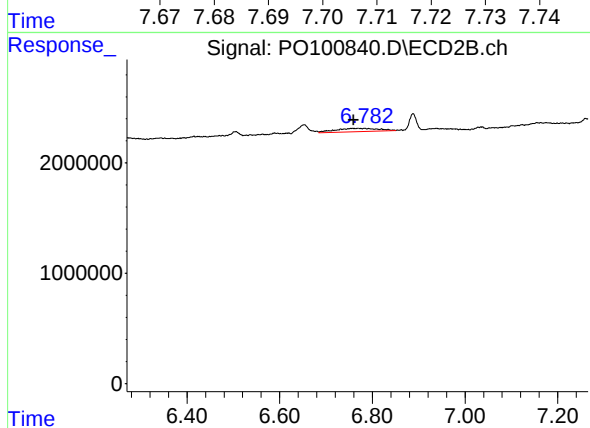
#29 AR-1254-4

R.T.: 6.342 min
Delta R.T.: 0.003 min
Response: 212481
Conc: 2.95 ng/ml



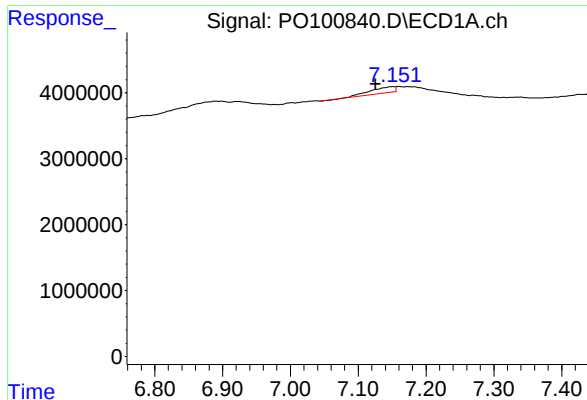
#30 AR-1254-5

R.T.: 7.704 min
Delta R.T.: 0.036 min
Response: 812713
Conc: 6.87 ng/ml



#30 AR-1254-5

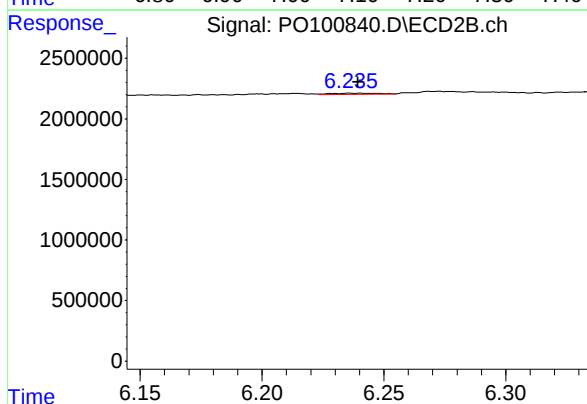
R.T.: 6.783 min
Delta R.T.: 0.024 min
Response: 1971276
Conc: 17.11 ng/ml



#31 AR-1260-1

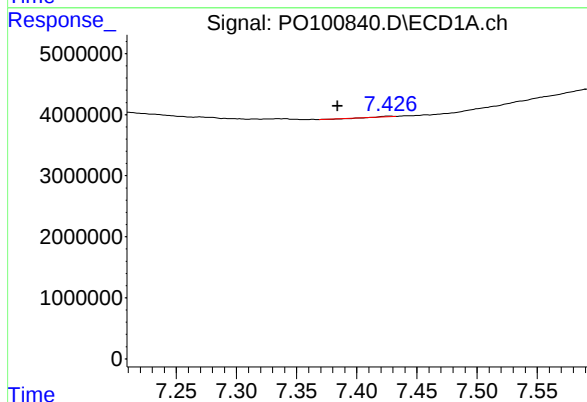
R.T.: 7.152 min
Delta R.T.: 0.026 min
Response: 2176405
Conc: 15.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



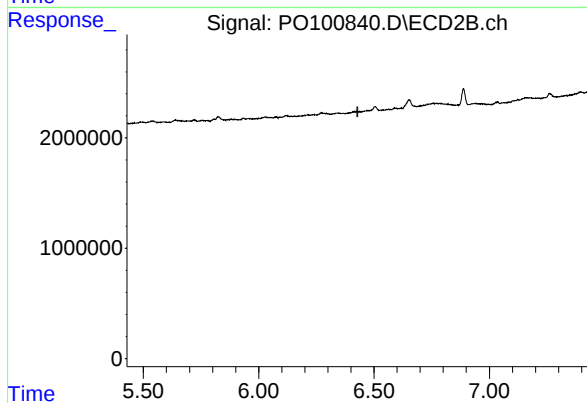
#31 AR-1260-1

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 125708
Conc: 1.32 ng/ml



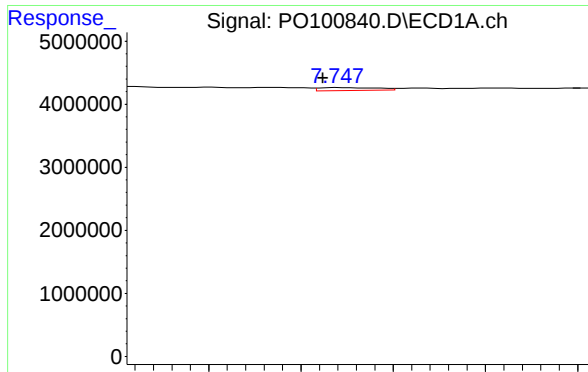
#32 AR-1260-2

R.T.: 7.427 min
Delta R.T.: 0.043 min
Response: 56065
Conc: 0.45 ng/ml



#32 AR-1260-2

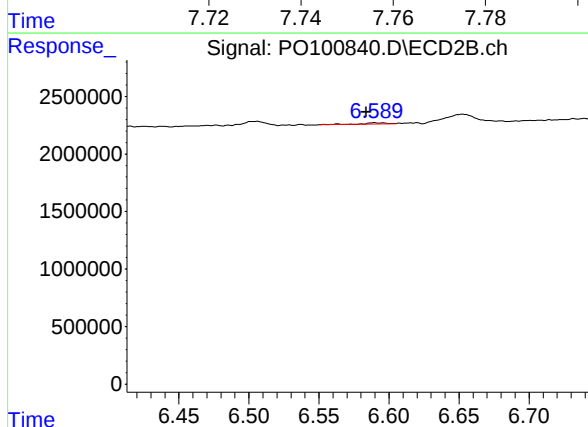
R.T.: 0.000 min
Exp R.T. : 6.429 min
Response: 0
Conc: N.D.



#33 AR-1260-3

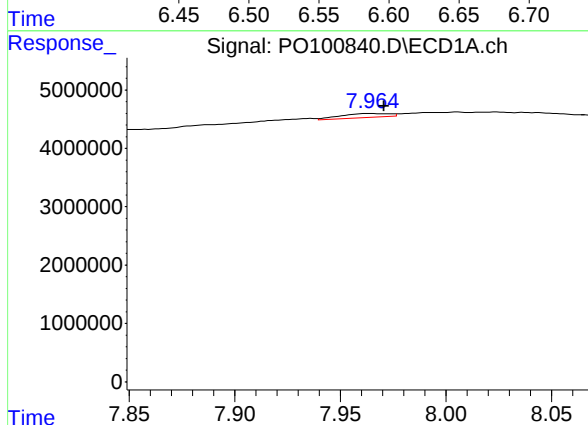
R.T.: 7.749 min
Delta R.T.: 0.004 min
Response: 425493
Conc: 4.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



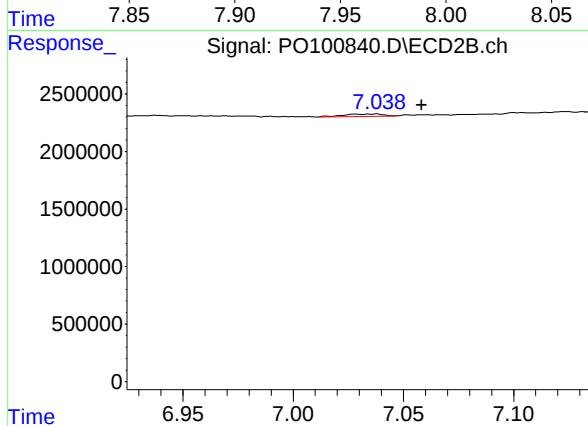
#33 AR-1260-3

R.T.: 6.591 min
Delta R.T.: 0.007 min
Response: 145856
Conc: 1.42 ng/ml



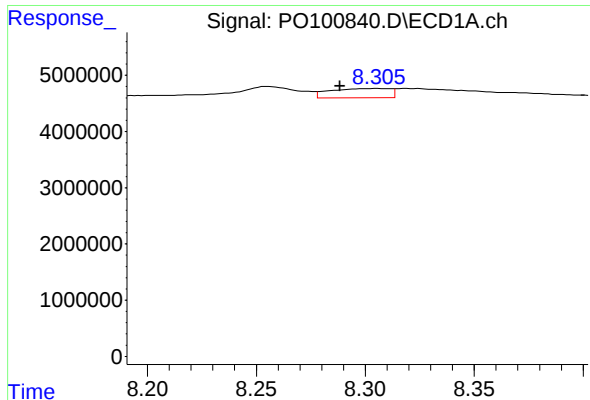
#34 AR-1260-4

R.T.: 7.964 min
Delta R.T.: -0.006 min
Response: 1135772
Conc: 10.76 ng/ml



#34 AR-1260-4

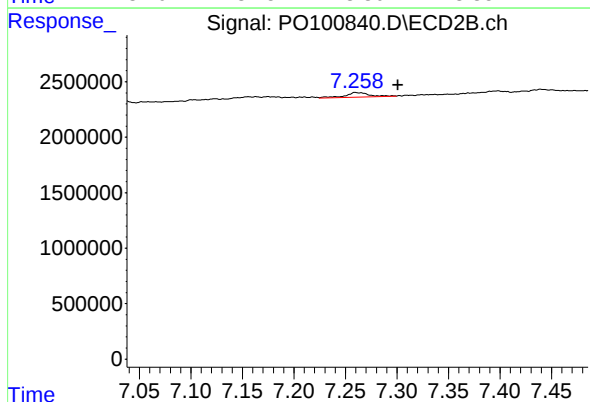
R.T.: 7.035 min
Delta R.T.: -0.024 min
Response: 248320
Conc: 3.05 ng/ml



#35 AR-1260-5

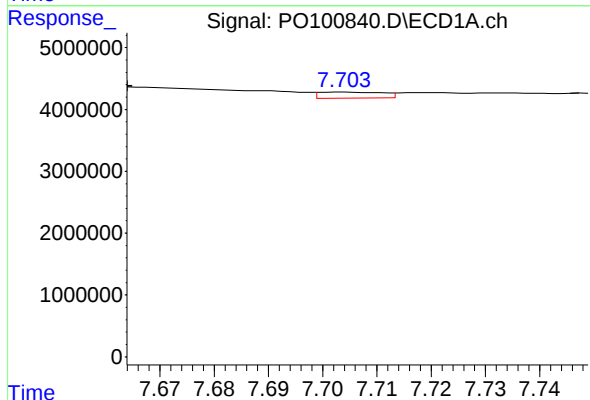
R.T.: 8.306 min
Delta R.T.: 0.017 min
Response: 3190494
Conc: 15.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



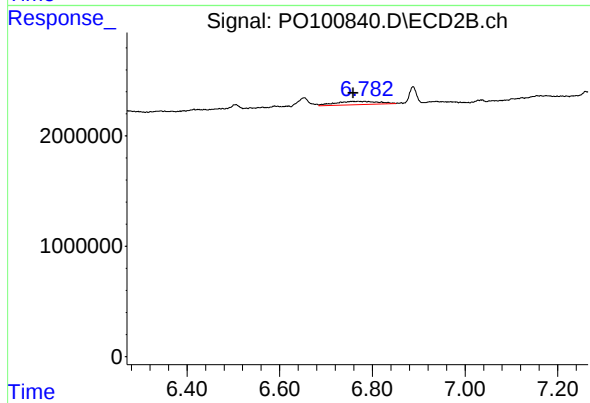
#35 AR-1260-5

R.T.: 7.262 min
Delta R.T.: -0.039 min
Response: 669869
Conc: 3.71 ng/ml



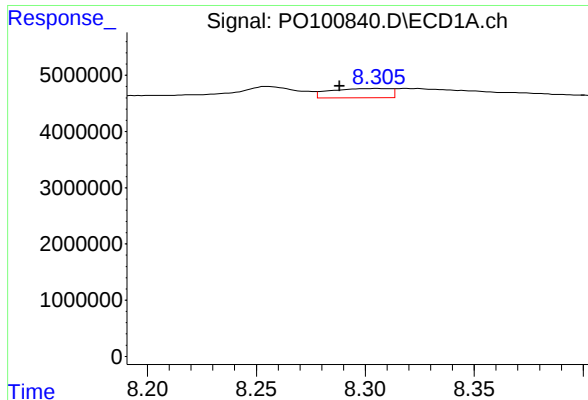
#36 AR-1262-1

R.T.: 7.704 min
Delta R.T.: 0.040 min
Response: 812713
Conc: 8.14 ng/ml



#36 AR-1262-1

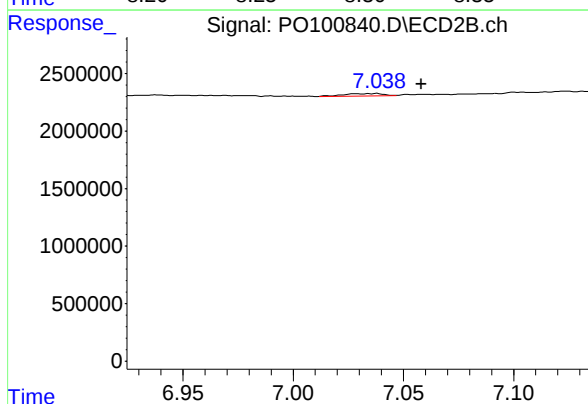
R.T.: 6.783 min
Delta R.T.: 0.024 min
Response: 1971276
Conc: 31.60 ng/ml



#37 AR-1262-2

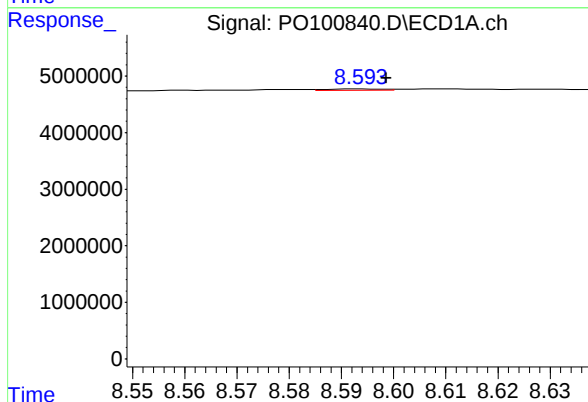
R.T.: 8.306 min
Delta R.T.: 0.018 min
Response: 3190494
Conc: 13.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



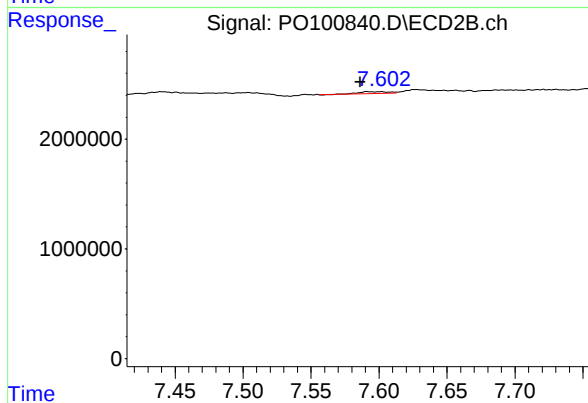
#37 AR-1262-2

R.T.: 7.035 min
Delta R.T.: -0.023 min
Response: 248320
Conc: 2.20 ng/ml



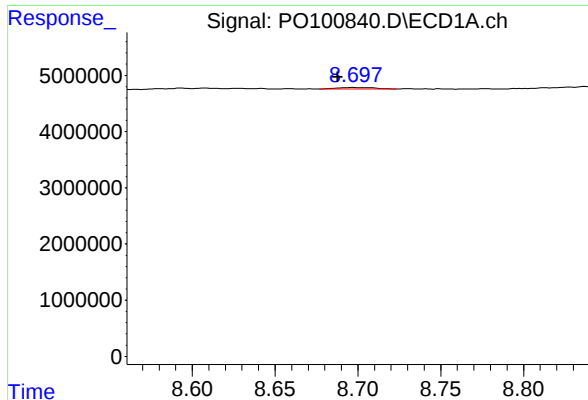
#38 AR-1262-3

R.T.: 8.593 min
Delta R.T.: -0.005 min
Response: 179998
Conc: 1.11 ng/ml



#38 AR-1262-3

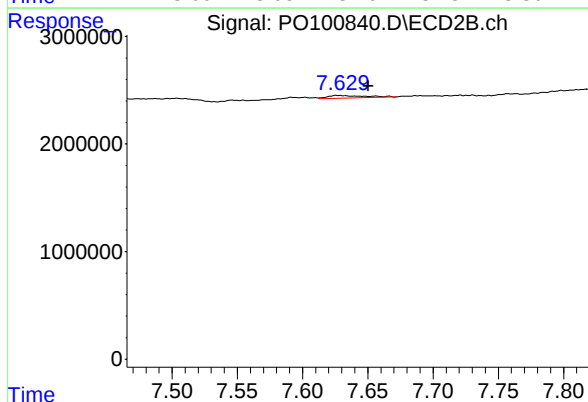
R.T.: 7.594 min
Delta R.T.: 0.008 min
Response: 226474
Conc: 2.94 ng/ml



#39 AR-1262-4

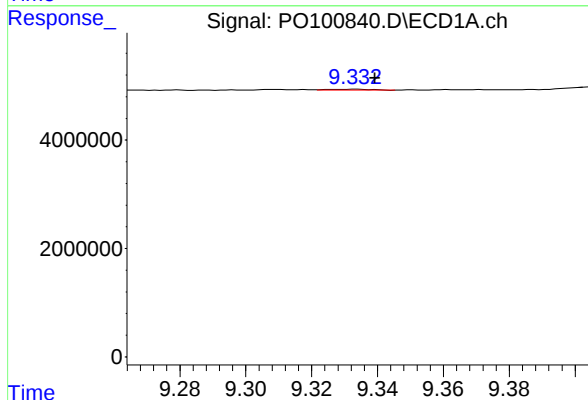
R.T.: 8.698 min
Delta R.T.: 0.010 min
Response: 436156
Conc: 3.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



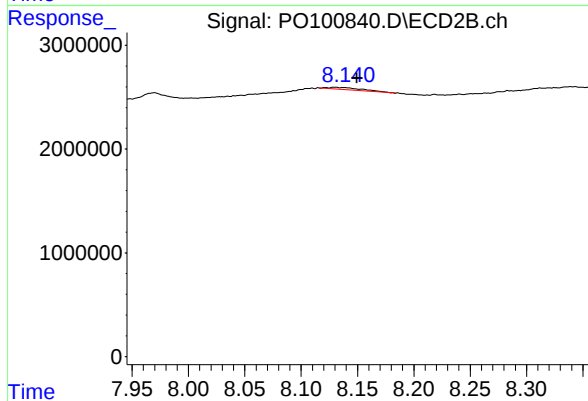
#39 AR-1262-4

R.T.: 7.628 min
Delta R.T.: -0.022 min
Response: 494204
Conc: 3.35 ng/ml



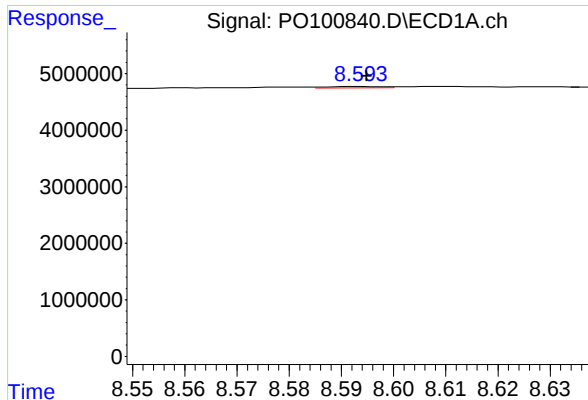
#40 AR-1262-5

R.T.: 9.333 min
Delta R.T.: -0.006 min
Response: 152211
Conc: 1.91 ng/ml



#40 AR-1262-5

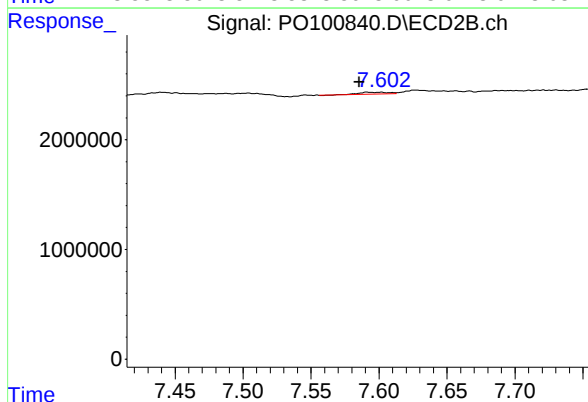
R.T.: 8.131 min
Delta R.T.: -0.019 min
Response: 303036
Conc: 4.74 ng/ml



#41 AR-1268-1

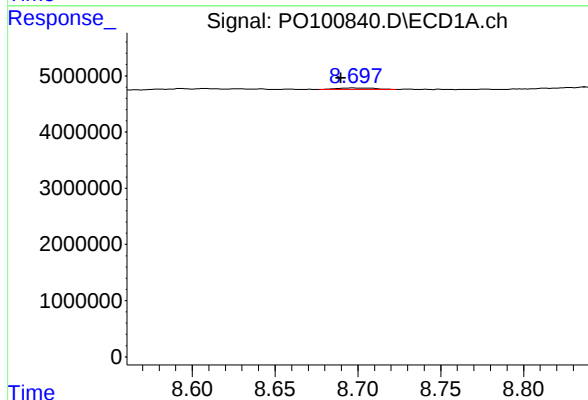
R.T.: 8.593 min
Delta R.T.: -0.002 min
Response: 179998
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



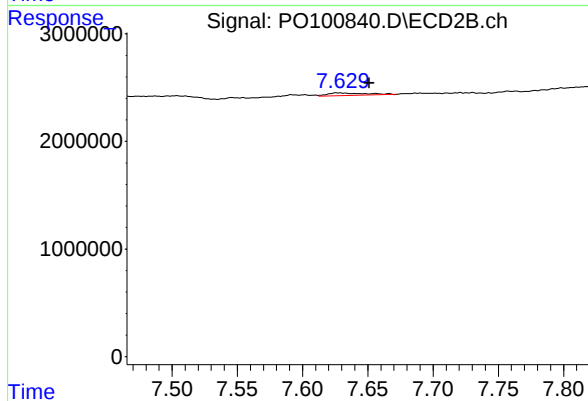
#41 AR-1268-1

R.T.: 7.594 min
Delta R.T.: 0.008 min
Response: 226474
Conc: 1.02 ng/ml



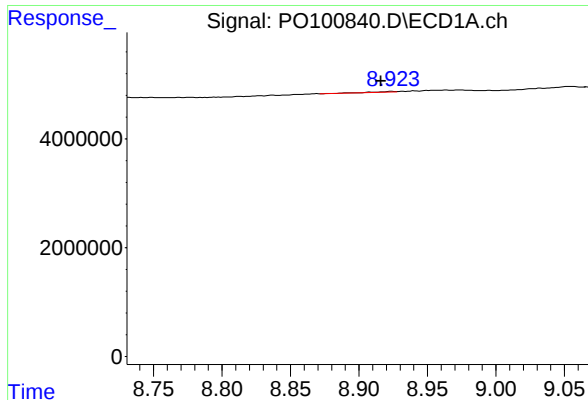
#42 AR-1268-2

R.T.: 8.698 min
Delta R.T.: 0.008 min
Response: 436156
Conc: 1.73 ng/ml



#42 AR-1268-2

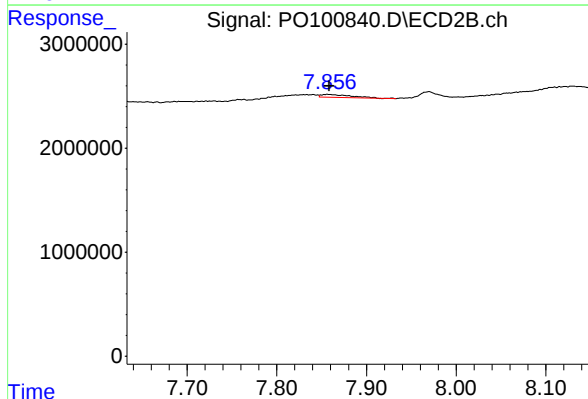
R.T.: 7.628 min
Delta R.T.: -0.023 min
Response: 494204
Conc: 2.44 ng/ml



#43 AR-1268-3

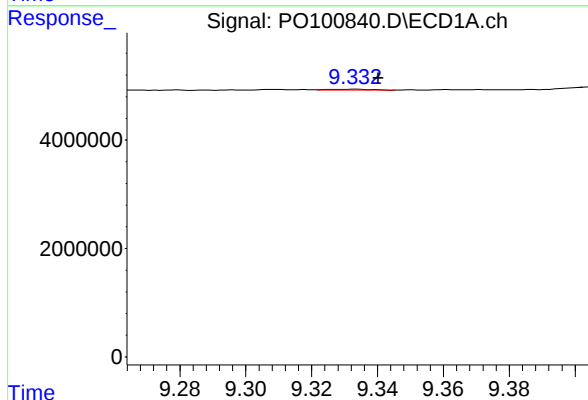
R.T.: 8.924 min
Delta R.T.: 0.008 min
Response: 34428
Conc: 0.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



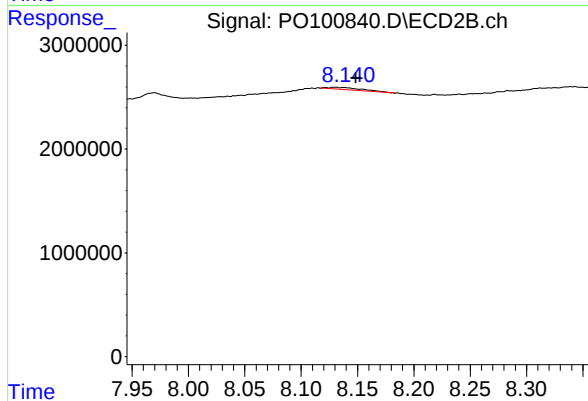
#43 AR-1268-3

R.T.: 7.857 min
Delta R.T.: -0.002 min
Response: 668089
Conc: 3.54 ng/ml



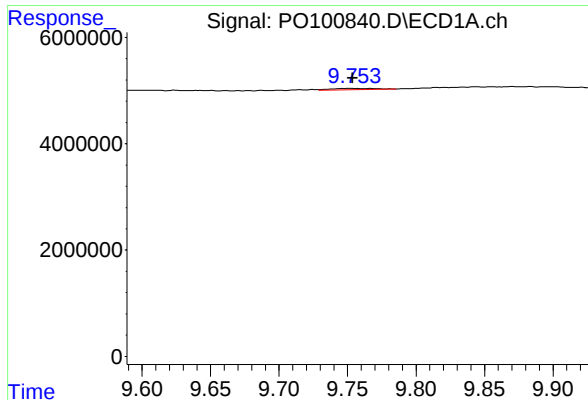
#44 AR-1268-4

R.T.: 9.333 min
Delta R.T.: -0.007 min
Response: 152211
Conc: 1.94 ng/ml



#44 AR-1268-4

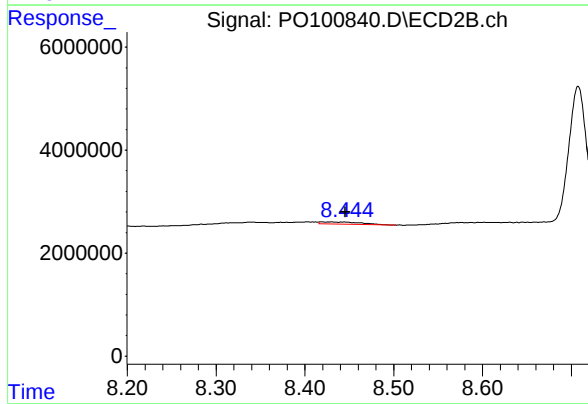
R.T.: 8.131 min
Delta R.T.: -0.018 min
Response: 303036
Conc: 4.51 ng/ml



#45 AR-1268-5

R.T.: 9.752 min
Delta R.T.: -0.001 min
Response: 548761
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
MR-321-10-12



#45 AR-1268-5

R.T.: 8.419 min
Delta R.T.: -0.026 min
Response: 1240091
Conc: 2.39 ng/ml