

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111723\
 Data File : P0099938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2023 19:49
 Operator : YP/AJ
 Sample : 05467-08 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 21:47:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.714	3653808	2637519	2.137	2.233
2) SA Decachlor...	10.373	8.814	2026378	2330145	2.170	2.374
Target Compounds						
3) L1 AR-1016-1	5.682	4.828	53655	219704	1.213	8.248 #
4) L1 AR-1016-2	5.682	4.862	53655	94973	0.786	2.561 #
5) L1 AR-1016-3	5.771	5.028	28452	60995	0.623	3.089 #
6) L1 AR-1016-4	5.859	5.071	113824	172562	3.297	10.239 #
7) L1 AR-1016-5	6.158	5.292	83339	31229	2.497	1.566 #
8) L2 AR-1221-1	4.706	3.940	119545	191262	5.693	12.667 #
9) L2 AR-1221-2	4.783	4.021	22602	162394	1.471	15.368 #
10) L2 AR-1221-3	4.881	4.139f	105516	38446	2.343	1.262 #
11) L3 AR-1232-1	4.881	4.139f	105516	38446	2.856	1.500 #
12) L3 AR-1232-2	5.402	4.862	116107	94973	6.306	5.331
13) L3 AR-1232-3	5.682	5.028	53655	60995	1.700	6.654 #
14) L3 AR-1232-4	5.859	5.125	113824	427934	7.445	50.192 #
15) L3 AR-1232-5	5.954	5.292	108055	31229	8.406	3.404 #
16) L4 AR-1242-1	5.682	4.828	53655	219704	1.465	9.564 #
17) L4 AR-1242-2	5.682	4.862	53655	94973	0.947	3.023 #
18) L4 AR-1242-3	5.771	5.028	28452	60995	0.751	3.645 #
19) L4 AR-1242-4	5.859	5.125	113824	427934	3.969	24.766 #
20) L4 AR-1242-5	6.622	5.650	130796	628335	5.322	31.583 #
21) L5 AR-1248-1	5.682	4.828	53655	219704	1.997	12.557 #
22) L5 AR-1248-2	5.954	5.071	108055	172562	2.544	7.179 #
23) L5 AR-1248-3	6.158	5.125	83339	427934	1.811	17.321 #
24) L5 AR-1248-4	6.568	5.292	59373	31229	1.431	1.106
25) L5 AR-1248-5	6.622	5.650	130796	628335	3.209	24.725 #
26) L6 AR-1254-1	6.540	5.650	40703	628335	0.841	15.173 #
27) L6 AR-1254-2	6.755	5.779	120353	228626	1.706	6.020 #
28) L6 AR-1254-3	7.141	6.180	1085870	833669	15.995	12.894
29) L6 AR-1254-4	7.420	6.426	41656	1158713	1.051	33.815 #
30) L6 AR-1254-5	7.840	6.840	52258	72532	1.064	1.183
31) L7 AR-1260-1	7.302	6.327	337118	717099	6.042	14.896 #
32) L7 AR-1260-2	7.563	6.496	28037	838064	0.465	14.778 #
33) L7 AR-1260-3	7.899	6.684	151359	4956	3.621	0.090 #
34) L7 AR-1260-4	8.162	7.151	49260	10738	1.000	0.244 #
35) L7 AR-1260-5	8.491	7.377	59522	59846	0.709	0.602
36) L8 AR-1262-1	7.840	6.840	52258	72532	1.166	2.229 #
37) L8 AR-1262-2	8.491	7.151	59522	10738	0.578	0.164 #
38) L8 AR-1262-3	8.806	7.700	60340	54275	0.823	1.056 #
39) L8 AR-1262-4	8.898	7.759	31613	49318	0.545	0.553
40) L8 AR-1262-5	9.573	8.251	10663	16250	0.326	0.417 #
41) L9 AR-1268-1	8.806	7.700	60340	54275	0.454	0.379

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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 2023
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 Integrator: ChemStation

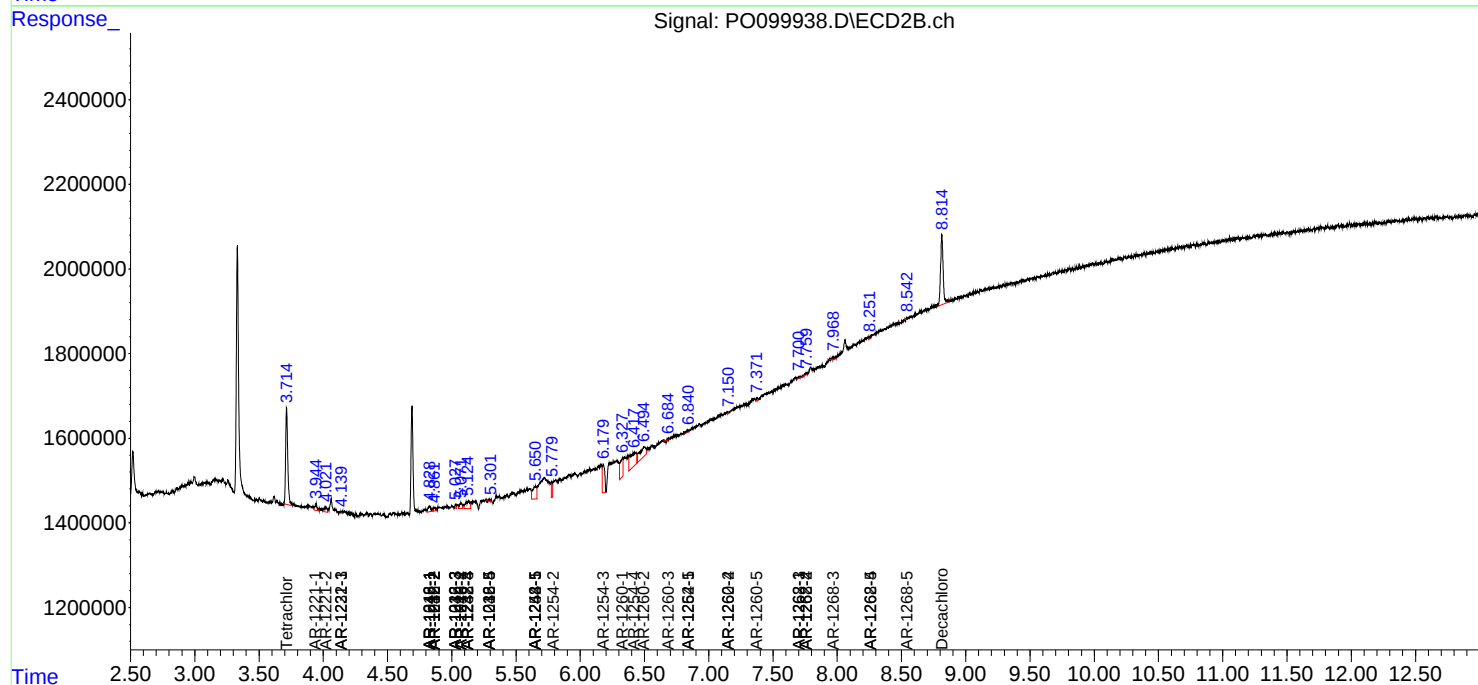
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

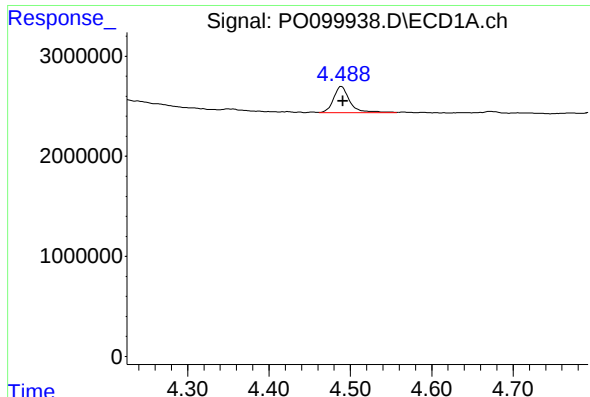
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.898	7.759	31613	49318	0.276	0.379 #
43) L9	AR-1268-3	9.137	7.968	29682	43757	0.272	0.360 #
44) L9	AR-1268-4	9.573	8.251	10663	16250	0.305	0.377
45) L9	AR-1268-5	10.015	8.542	45752	12833	0.143	0.037 #

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

Instrument :
ECD_O
ClientSampleId :

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





#1 Tetrachloro-m-xylene

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 3653808
Conc: 2.14 ng/ml

Instrument :
ECD_O
ClientSampleId :

#1 Tetrachloro-m-xylene

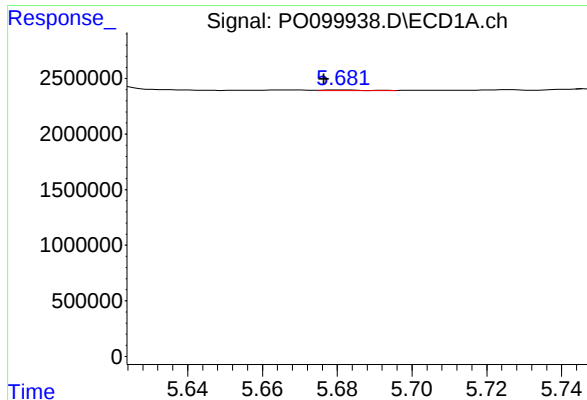
R.T.: 3.714 min
Delta R.T.: -0.006 min
Response: 2637519
Conc: 2.23 ng/ml

#2 Decachlorobiphenyl

R.T.: 10.373 min
Delta R.T.: 0.000 min
Response: 2026378
Conc: 2.17 ng/ml

#2 Decachlorobiphenyl

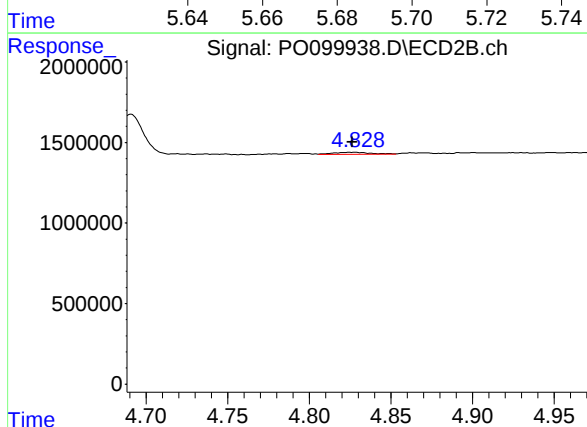
R.T.: 8.814 min
Delta R.T.: -0.015 min
Response: 2330145
Conc: 2.37 ng/ml



#3 AR-1016-1

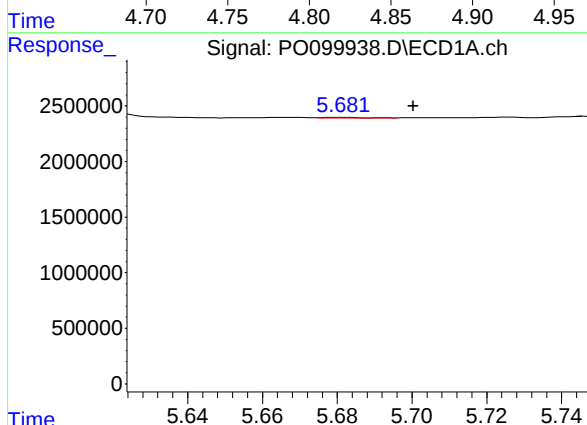
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 53655
Conc: 1.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



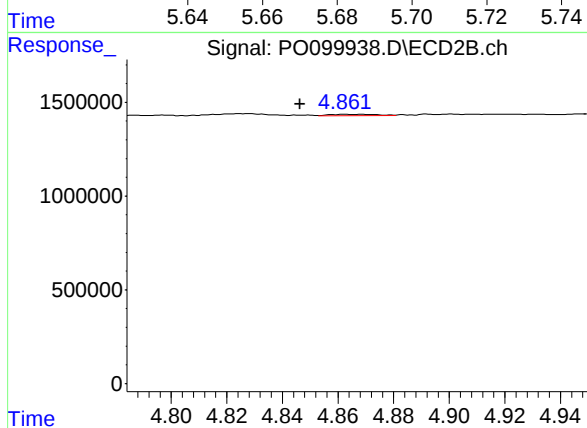
#3 AR-1016-1

R.T.: 4.828 min
Delta R.T.: 0.002 min
Response: 219704
Conc: 8.25 ng/ml



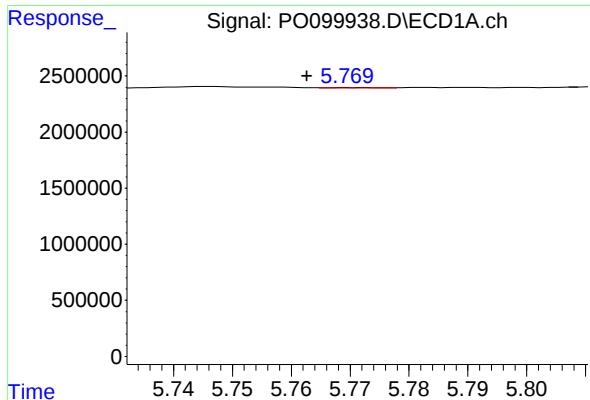
#4 AR-1016-2

R.T.: 5.682 min
Delta R.T.: -0.019 min
Response: 53655
Conc: 0.79 ng/ml



#4 AR-1016-2

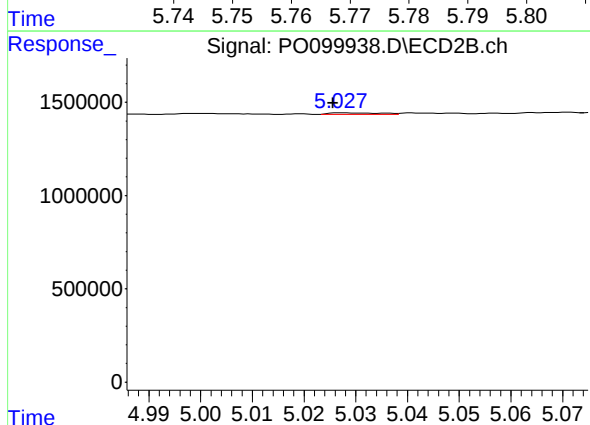
R.T.: 4.862 min
Delta R.T.: 0.016 min
Response: 94973
Conc: 2.56 ng/ml



#5 AR-1016-3

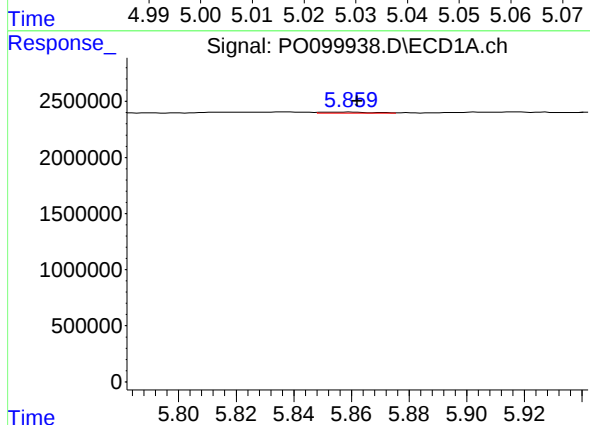
R.T.: 5.771 min
Delta R.T.: 0.008 min
Response: 28452
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



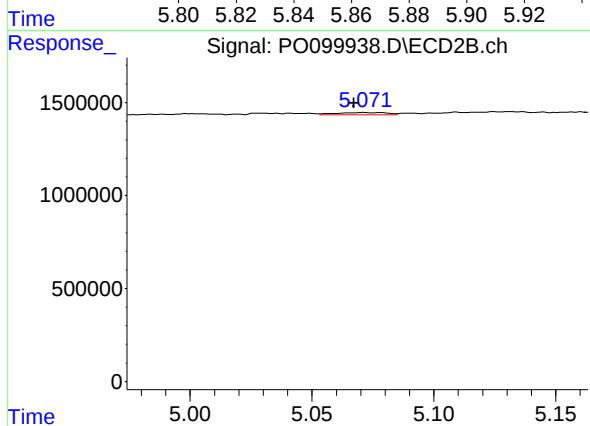
#5 AR-1016-3

R.T.: 5.028 min
Delta R.T.: 0.002 min
Response: 60995
Conc: 3.09 ng/ml



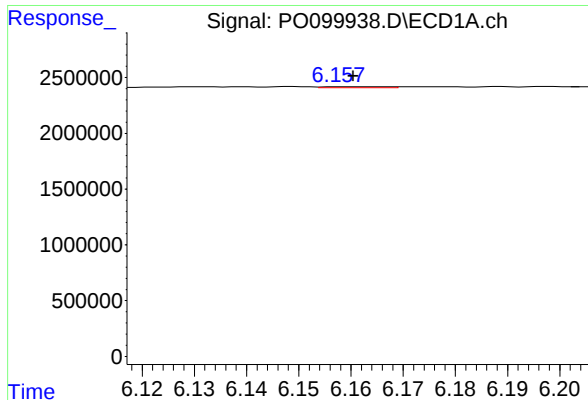
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 113824
Conc: 3.30 ng/ml



#6 AR-1016-4

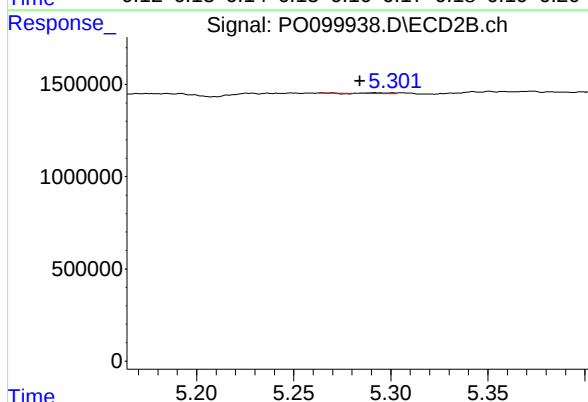
R.T.: 5.071 min
Delta R.T.: 0.004 min
Response: 172562
Conc: 10.24 ng/ml



#7 AR-1016-5

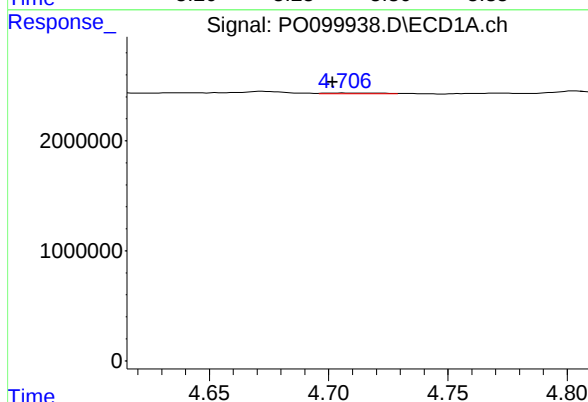
R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 83339
Conc: 2.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



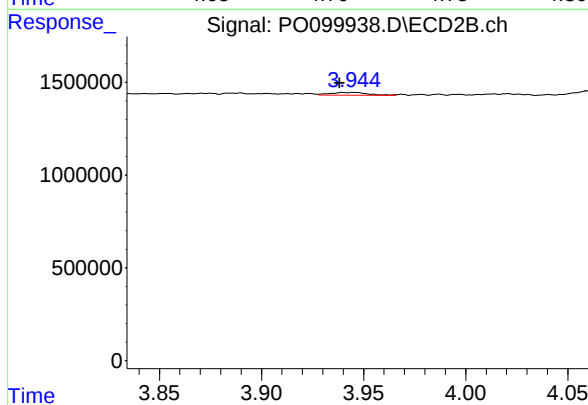
#7 AR-1016-5

R.T.: 5.292 min
Delta R.T.: 0.008 min
Response: 31229
Conc: 1.57 ng/ml



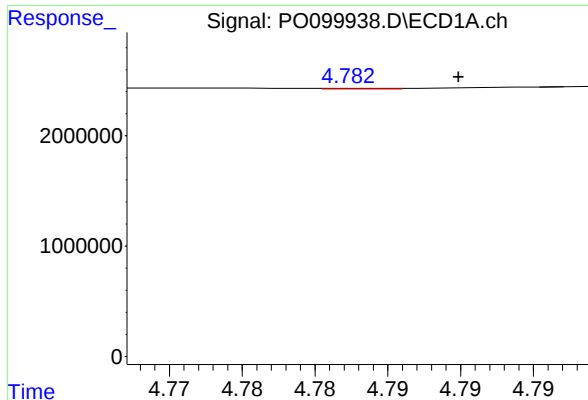
#8 AR-1221-1

R.T.: 4.706 min
Delta R.T.: 0.005 min
Response: 119545
Conc: 5.69 ng/ml



#8 AR-1221-1

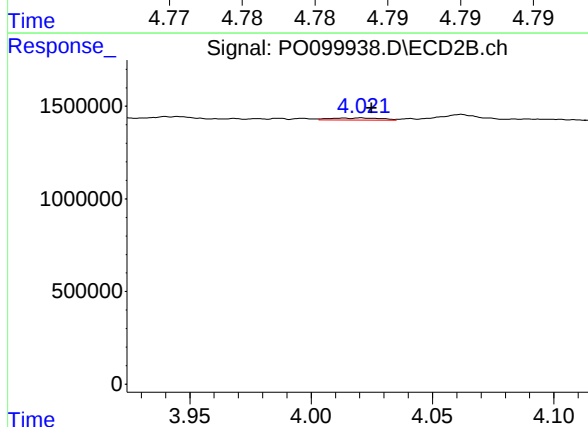
R.T.: 3.940 min
Delta R.T.: 0.002 min
Response: 191262
Conc: 12.67 ng/ml



#9 AR-1221-2

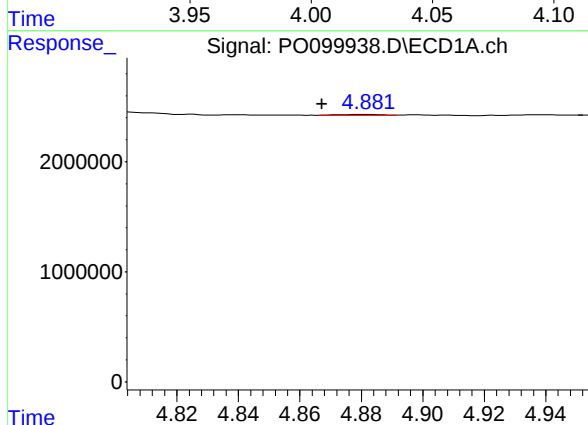
R.T.: 4.783 min
Delta R.T.: -0.007 min
Response: 22602
Conc: 1.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



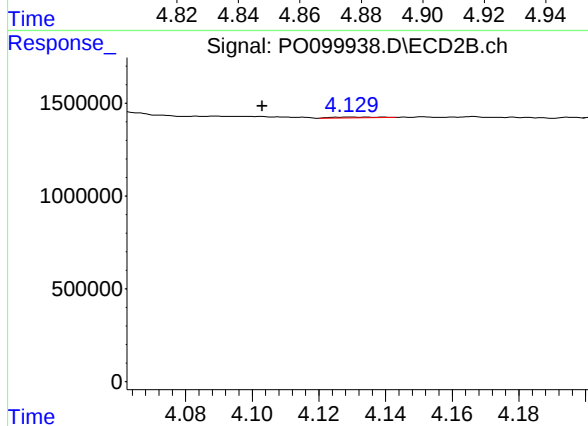
#9 AR-1221-2

R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 162394
Conc: 15.37 ng/ml



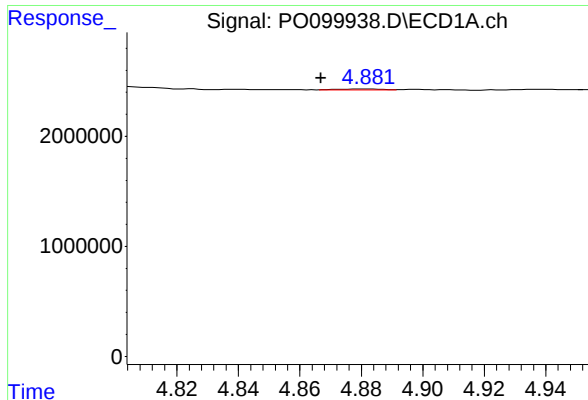
#10 AR-1221-3

R.T.: 4.881 min
Delta R.T.: 0.014 min
Response: 105516
Conc: 2.34 ng/ml



#10 AR-1221-3

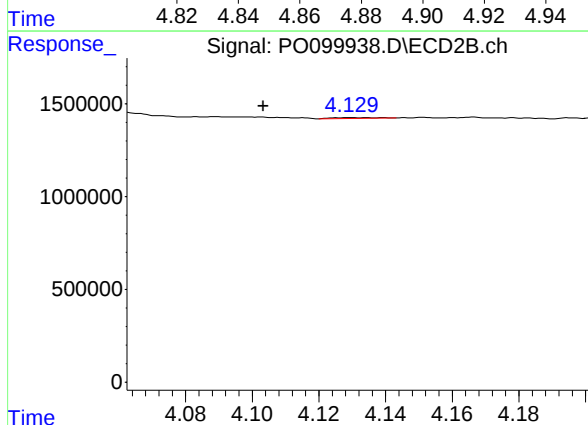
R.T.: 4.139 min
Delta R.T.: 0.036 min
Response: 38446
Conc: 1.26 ng/ml



#11 AR-1232-1

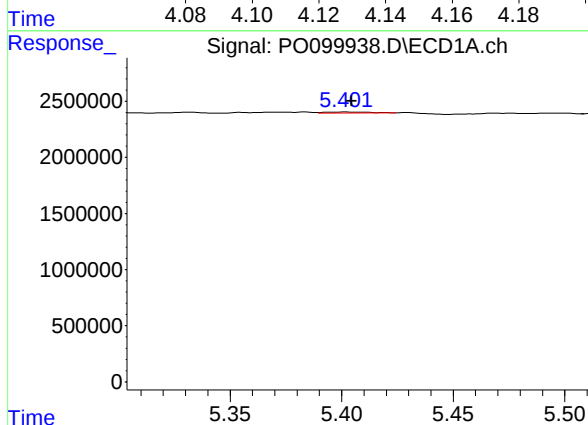
R.T.: 4.881 min
Delta R.T.: 0.014 min
Response: 105516
Conc: 2.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



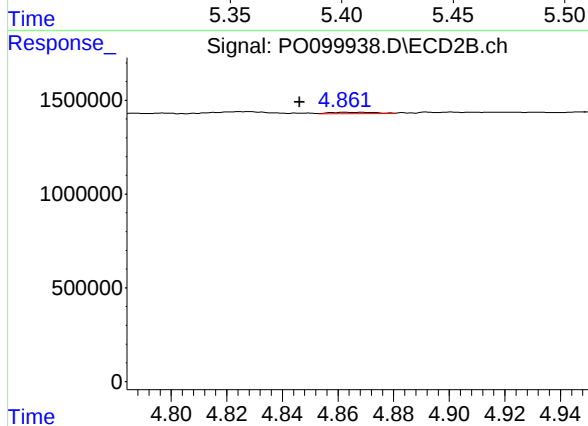
#11 AR-1232-1

R.T.: 4.139 min
Delta R.T.: 0.036 min
Response: 38446
Conc: 1.50 ng/ml



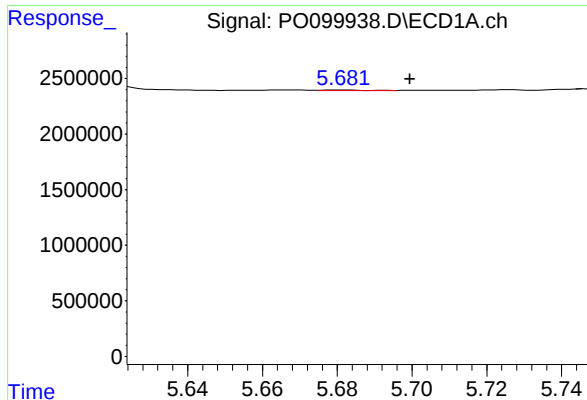
#12 AR-1232-2

R.T.: 5.402 min
Delta R.T.: -0.003 min
Response: 116107
Conc: 6.31 ng/ml



#12 AR-1232-2

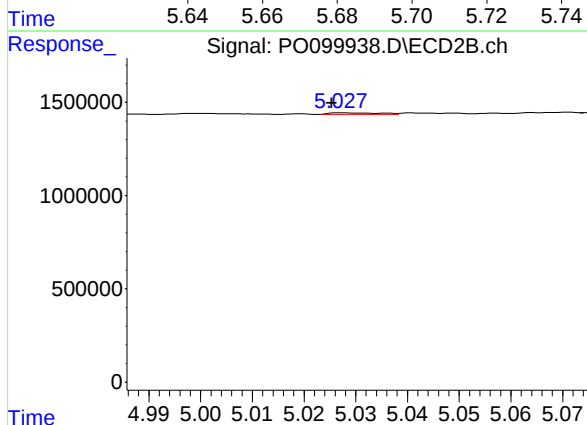
R.T.: 4.862 min
Delta R.T.: 0.016 min
Response: 94973
Conc: 5.33 ng/ml



#13 AR-1232-3

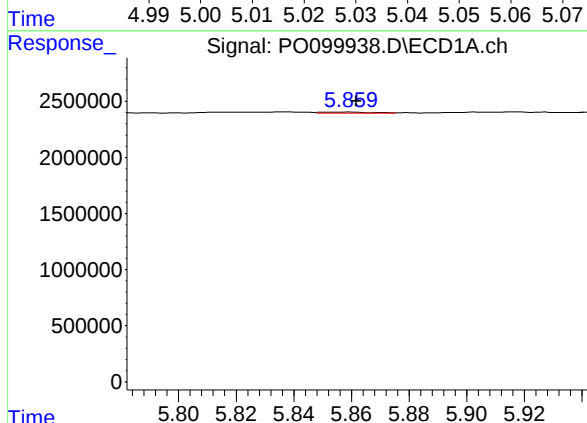
R.T.: 5.682 min
Delta R.T.: -0.018 min
Response: 53655
Conc: 1.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



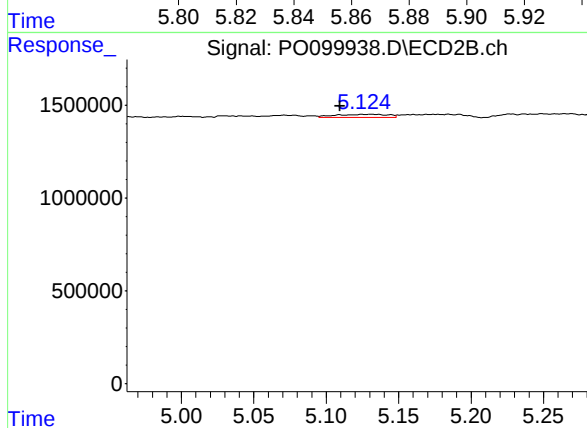
#13 AR-1232-3

R.T.: 5.028 min
Delta R.T.: 0.003 min
Response: 60995
Conc: 6.65 ng/ml



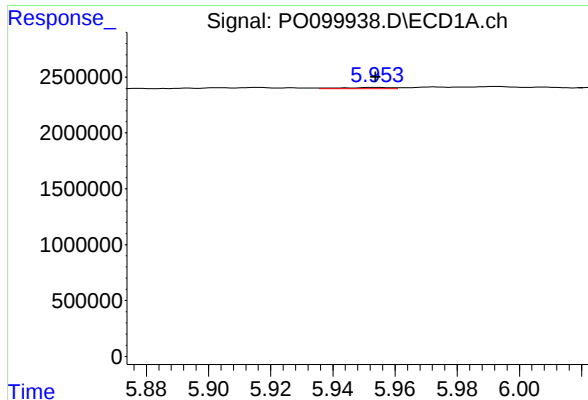
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: -0.002 min
Response: 113824
Conc: 7.45 ng/ml



#14 AR-1232-4

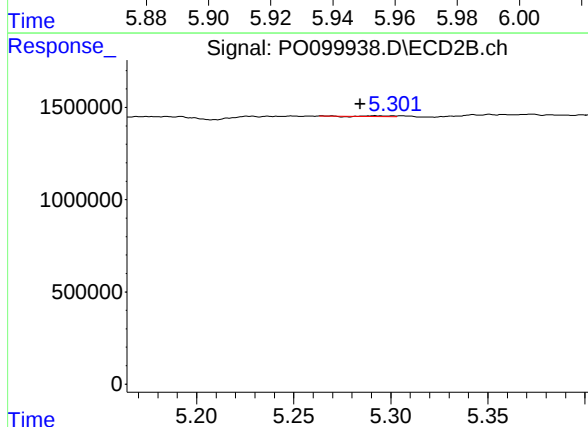
R.T.: 5.125 min
Delta R.T.: 0.015 min
Response: 427934
Conc: 50.19 ng/ml



#15 AR-1232-5

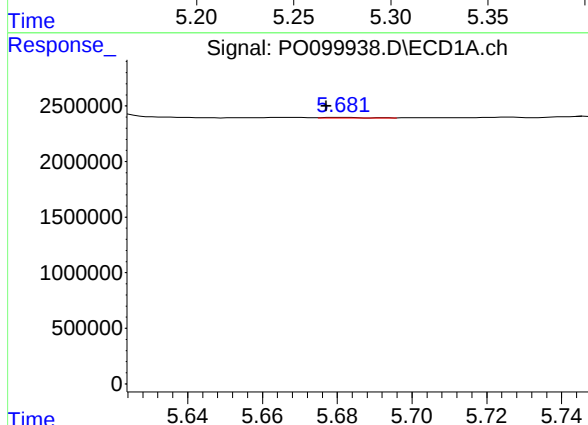
R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 108055
Conc: 8.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



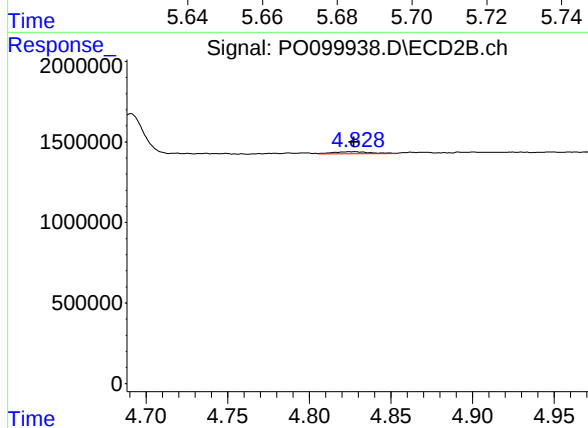
#15 AR-1232-5

R.T.: 5.292 min
Delta R.T.: 0.007 min
Response: 31229
Conc: 3.40 ng/ml



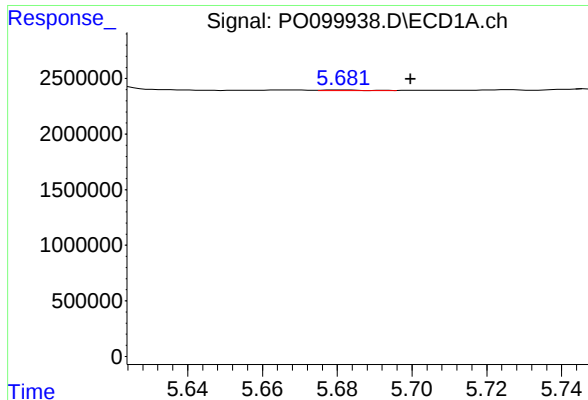
#16 AR-1242-1

R.T.: 5.682 min
Delta R.T.: 0.004 min
Response: 53655
Conc: 1.46 ng/ml



#16 AR-1242-1

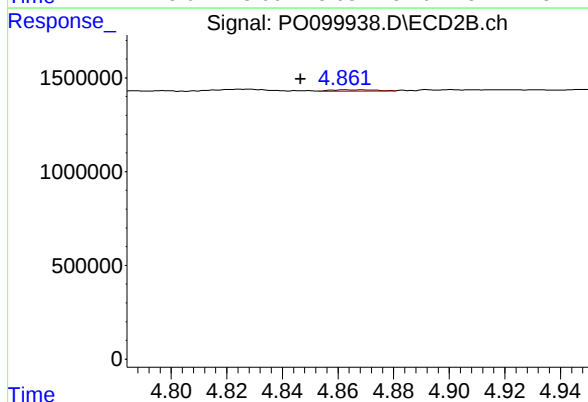
R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 219704
Conc: 9.56 ng/ml



#17 AR-1242-2

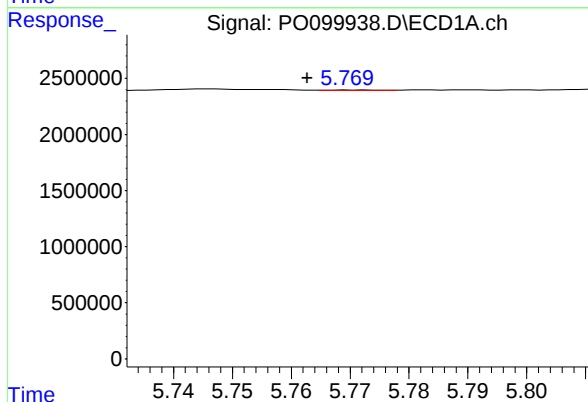
R.T.: 5.682 min
Delta R.T.: -0.018 min
Response: 53655
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



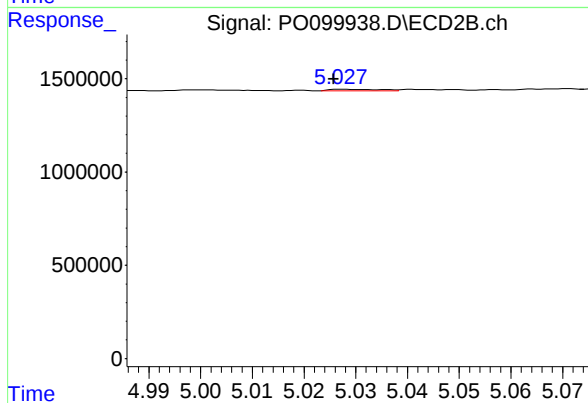
#17 AR-1242-2

R.T.: 4.862 min
Delta R.T.: 0.016 min
Response: 94973
Conc: 3.02 ng/ml



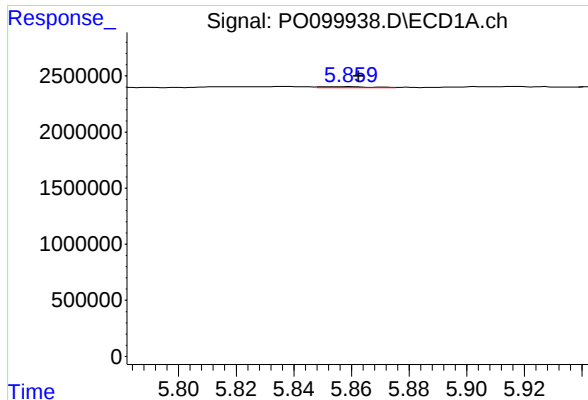
#18 AR-1242-3

R.T.: 5.771 min
Delta R.T.: 0.008 min
Response: 28452
Conc: 0.75 ng/ml



#18 AR-1242-3

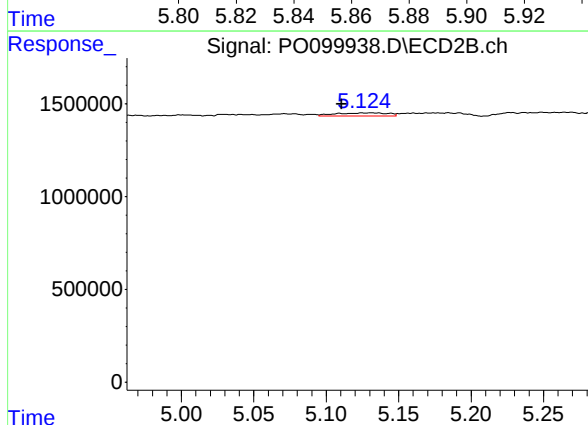
R.T.: 5.028 min
Delta R.T.: 0.002 min
Response: 60995
Conc: 3.64 ng/ml



#19 AR-1242-4

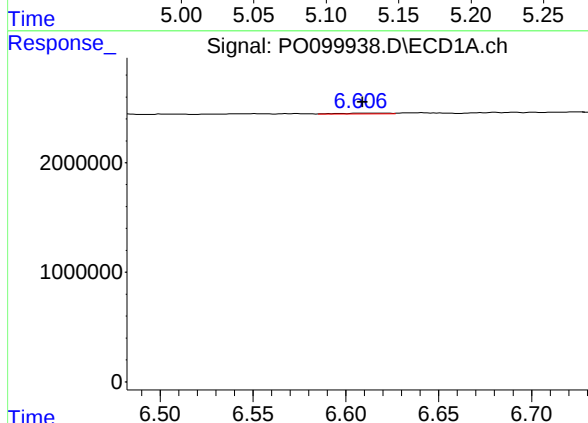
R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 113824
Conc: 3.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



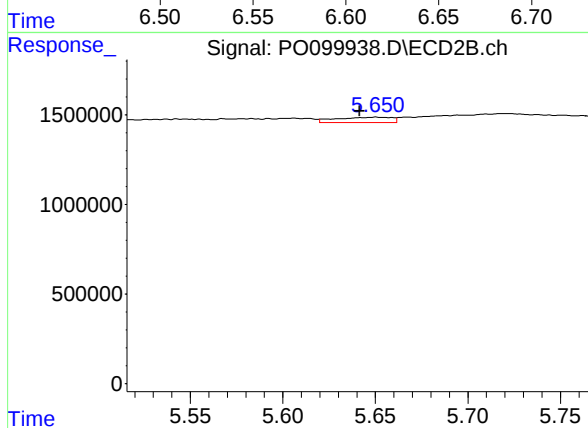
#19 AR-1242-4

R.T.: 5.125 min
Delta R.T.: 0.014 min
Response: 427934
Conc: 24.77 ng/ml



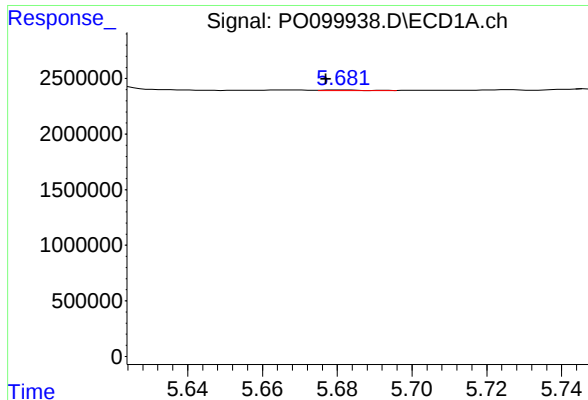
#20 AR-1242-5

R.T.: 6.622 min
Delta R.T.: 0.013 min
Response: 130796
Conc: 5.32 ng/ml



#20 AR-1242-5

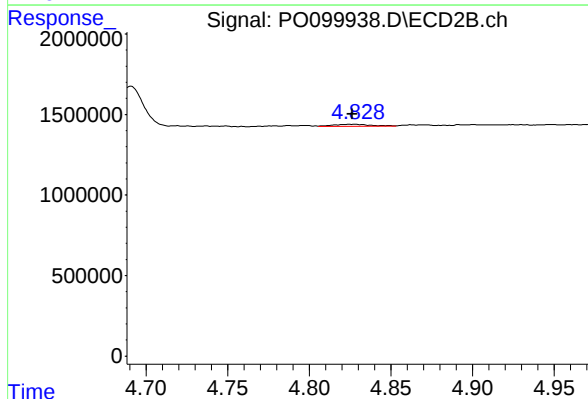
R.T.: 5.650 min
Delta R.T.: 0.009 min
Response: 628335
Conc: 31.58 ng/ml



#21 AR-1248-1

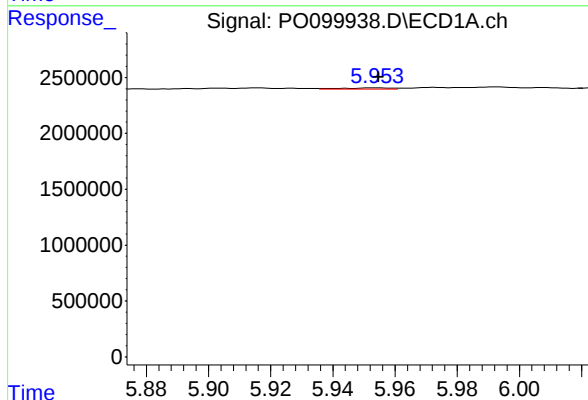
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 53655
Conc: 2.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



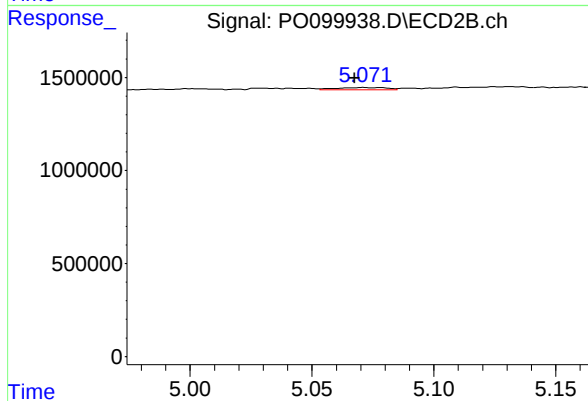
#21 AR-1248-1

R.T.: 4.828 min
Delta R.T.: 0.002 min
Response: 219704
Conc: 12.56 ng/ml



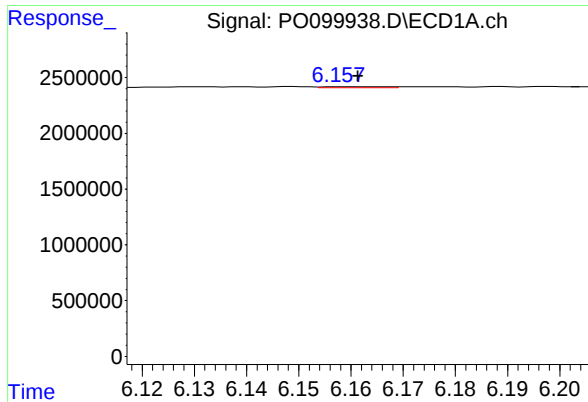
#22 AR-1248-2

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 108055
Conc: 2.54 ng/ml



#22 AR-1248-2

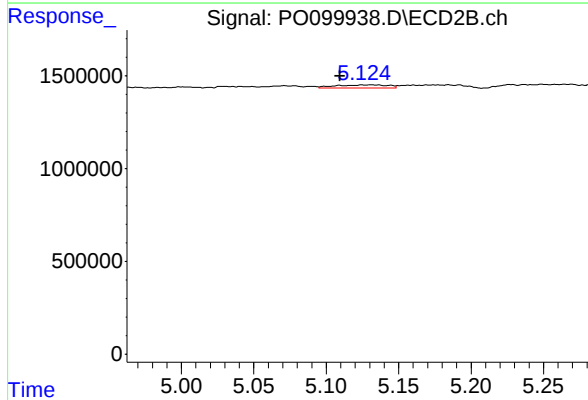
R.T.: 5.071 min
Delta R.T.: 0.004 min
Response: 172562
Conc: 7.18 ng/ml



#23 AR-1248-3

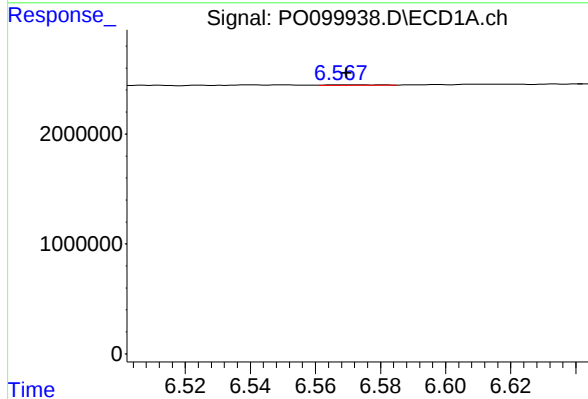
R.T.: 6.158 min
Delta R.T.: -0.003 min
Response: 83339
Conc: 1.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



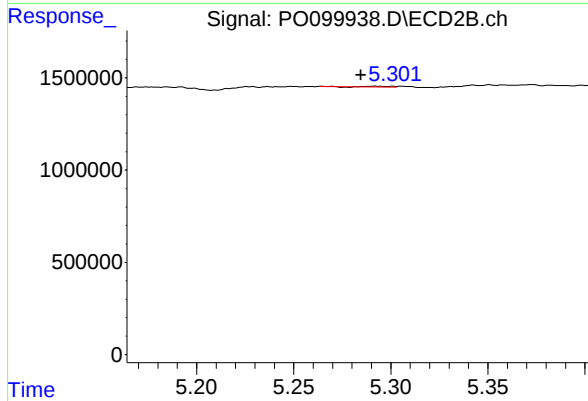
#23 AR-1248-3

R.T.: 5.125 min
Delta R.T.: 0.015 min
Response: 427934
Conc: 17.32 ng/ml



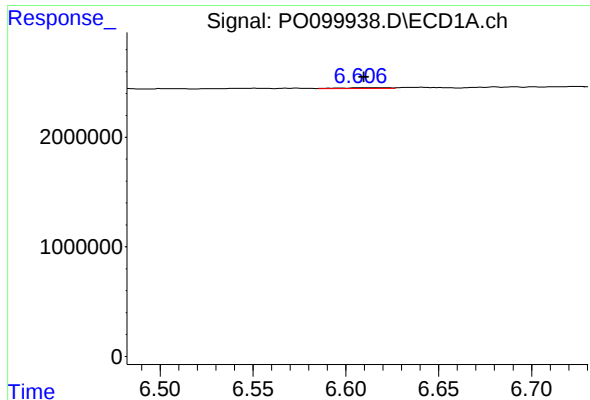
#24 AR-1248-4

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 59373
Conc: 1.43 ng/ml



#24 AR-1248-4

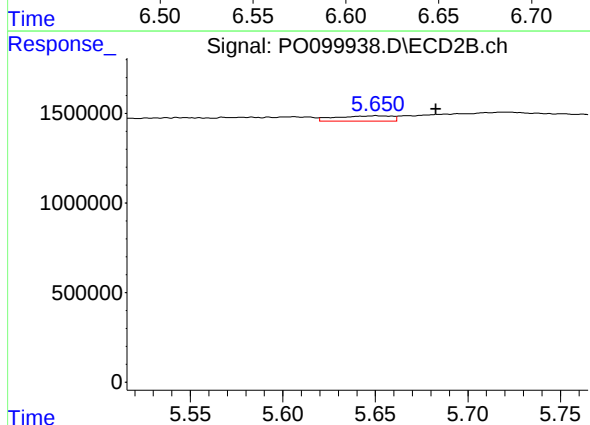
R.T.: 5.292 min
Delta R.T.: 0.007 min
Response: 31229
Conc: 1.11 ng/ml



#25 AR-1248-5

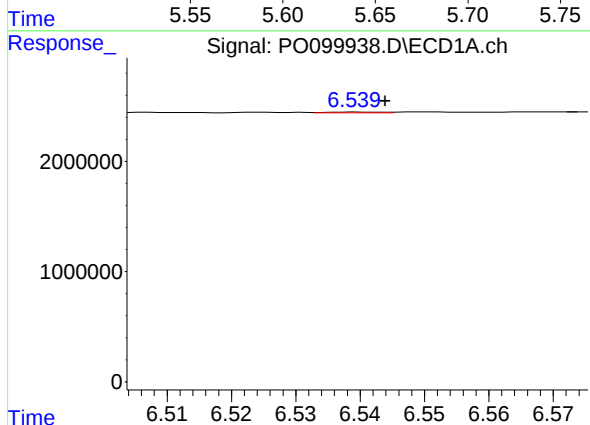
R.T.: 6.622 min
Delta R.T.: 0.012 min
Response: 130796
Conc: 3.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



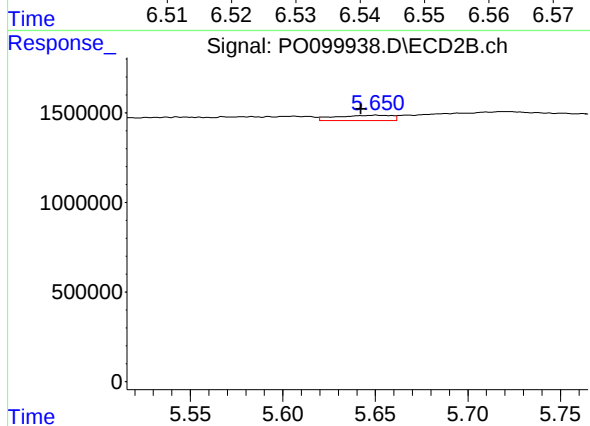
#25 AR-1248-5

R.T.: 5.650 min
Delta R.T.: -0.032 min
Response: 628335
Conc: 24.72 ng/ml



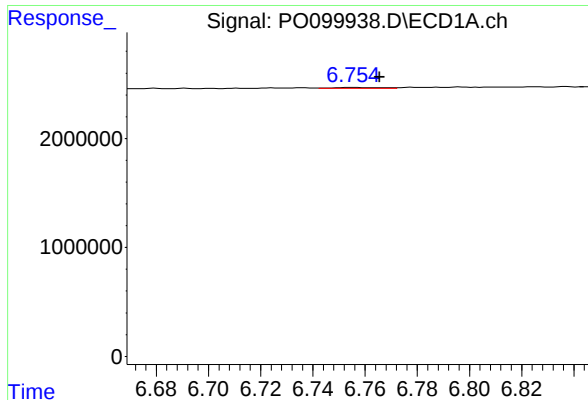
#26 AR-1254-1

R.T.: 6.540 min
Delta R.T.: -0.004 min
Response: 40703
Conc: 0.84 ng/ml



#26 AR-1254-1

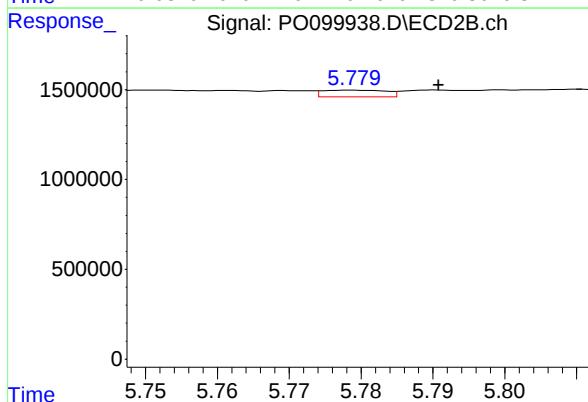
R.T.: 5.650 min
Delta R.T.: 0.008 min
Response: 628335
Conc: 15.17 ng/ml



#27 AR-1254-2

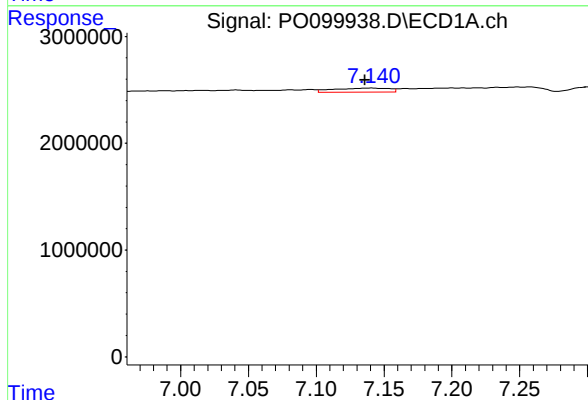
R.T.: 6.755 min
Delta R.T.: -0.011 min
Response: 120353
Conc: 1.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



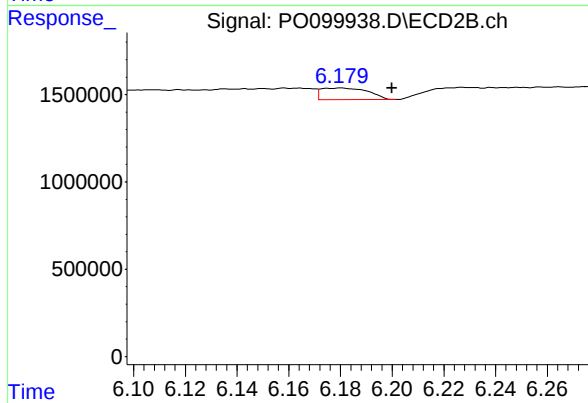
#27 AR-1254-2

R.T.: 5.779 min
Delta R.T.: -0.012 min
Response: 228626
Conc: 6.02 ng/ml



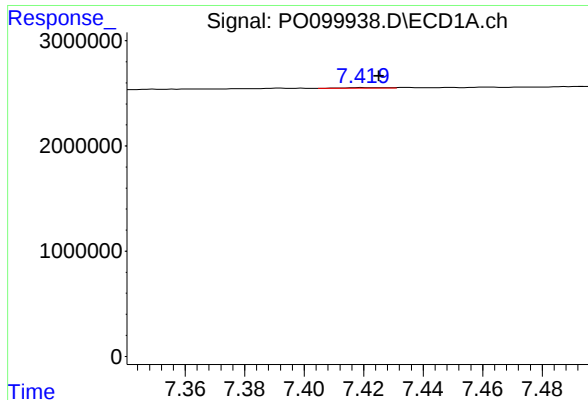
#28 AR-1254-3

R.T.: 7.141 min
Delta R.T.: 0.005 min
Response: 1085870
Conc: 16.00 ng/ml



#28 AR-1254-3

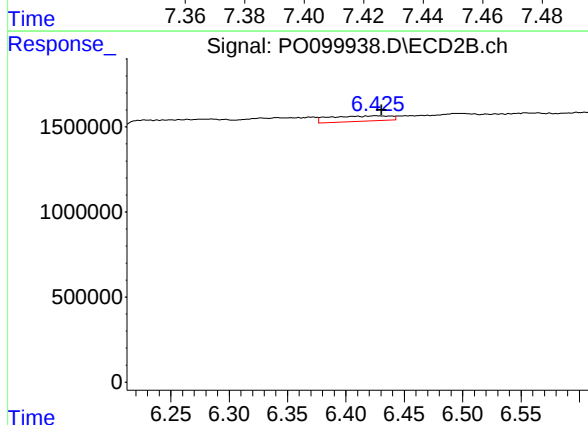
R.T.: 6.180 min
Delta R.T.: -0.020 min
Response: 833669
Conc: 12.89 ng/ml



#29 AR-1254-4

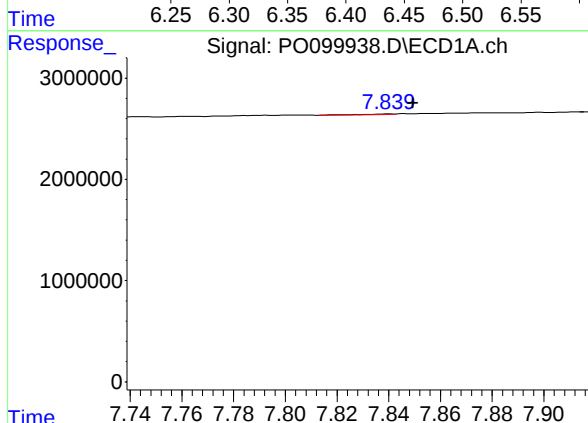
R.T.: 7.420 min
Delta R.T.: -0.005 min
Response: 41656
Conc: 1.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



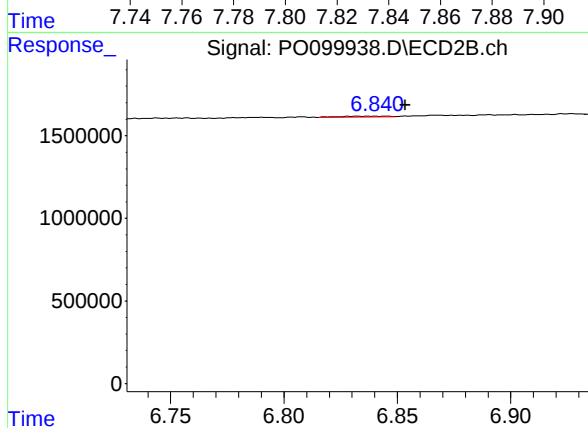
#29 AR-1254-4

R.T.: 6.426 min
Delta R.T.: -0.005 min
Response: 1158713
Conc: 33.81 ng/ml



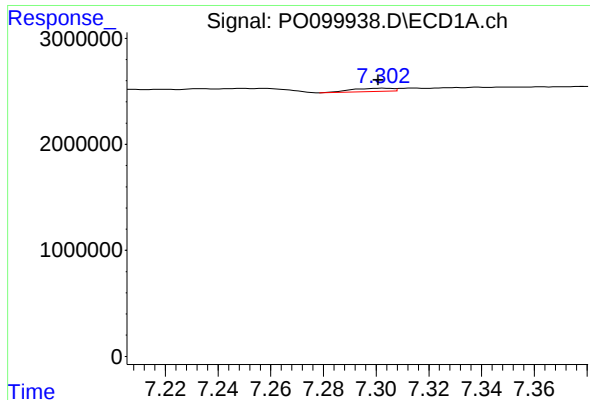
#30 AR-1254-5

R.T.: 7.840 min
Delta R.T.: -0.010 min
Response: 52258
Conc: 1.06 ng/ml



#30 AR-1254-5

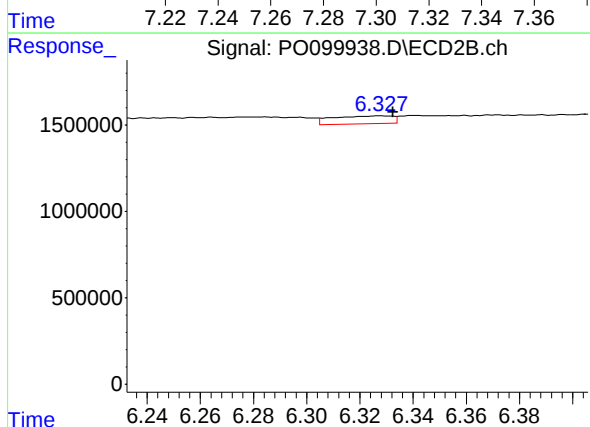
R.T.: 6.840 min
Delta R.T.: -0.014 min
Response: 72532
Conc: 1.18 ng/ml



#31 AR-1260-1

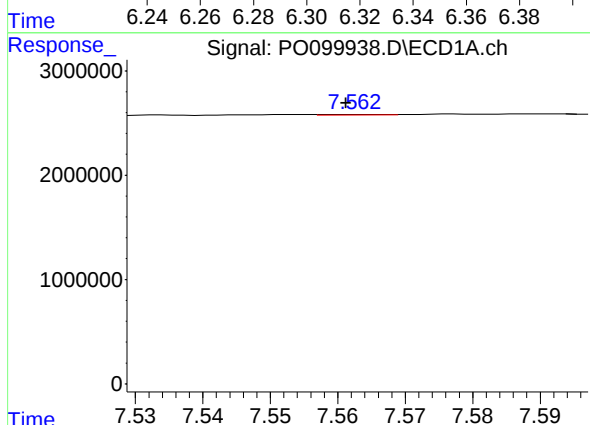
R.T.: 7.302 min
Delta R.T.: 0.001 min
Response: 337118
Conc: 6.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



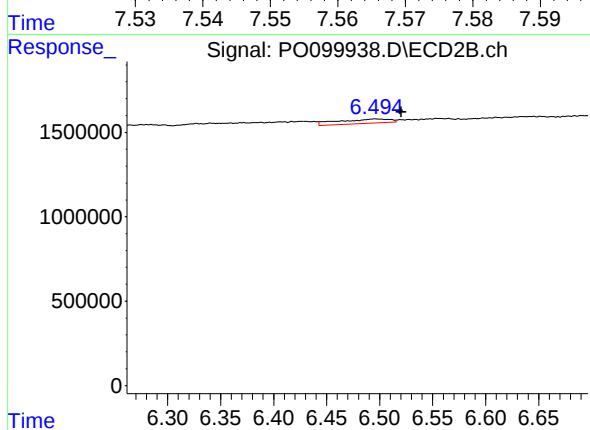
#31 AR-1260-1

R.T.: 6.327 min
Delta R.T.: -0.005 min
Response: 717099
Conc: 14.90 ng/ml



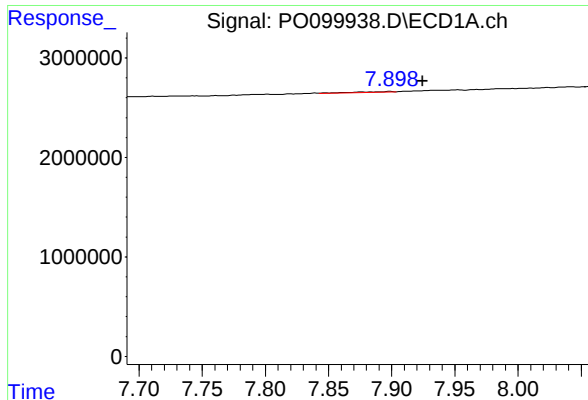
#32 AR-1260-2

R.T.: 7.563 min
Delta R.T.: 0.001 min
Response: 28037
Conc: 0.46 ng/ml



#32 AR-1260-2

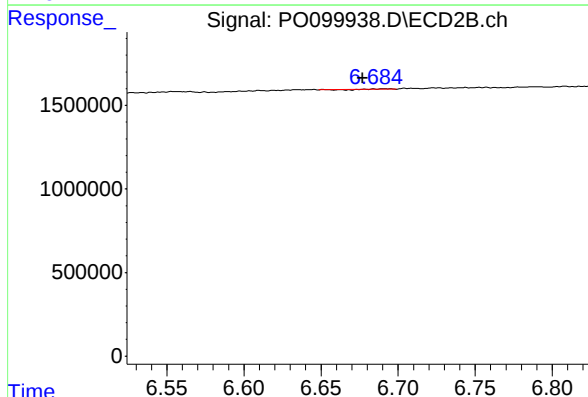
R.T.: 6.496 min
Delta R.T.: -0.024 min
Response: 838064
Conc: 14.78 ng/ml



#33 AR-1260-3

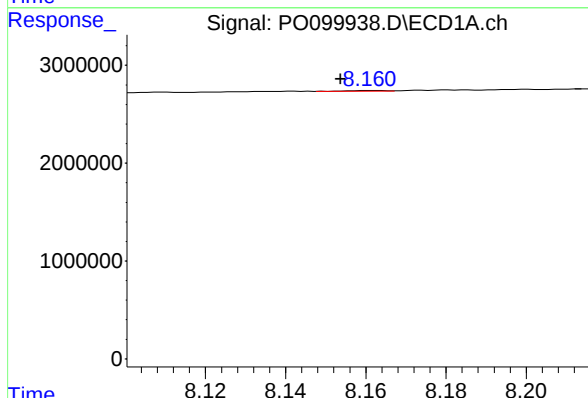
R.T.: 7.899 min
Delta R.T.: -0.026 min
Response: 151359
Conc: 3.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



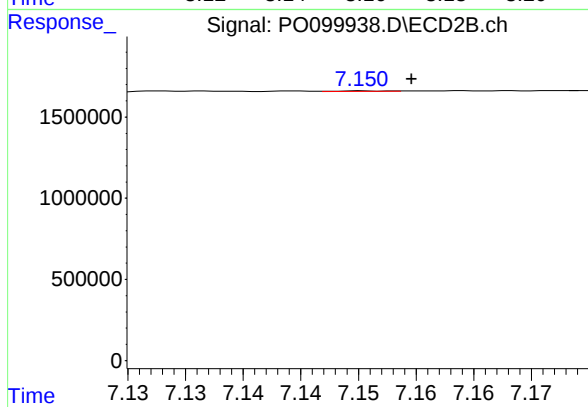
#33 AR-1260-3

R.T.: 6.684 min
Delta R.T.: 0.007 min
Response: 4956
Conc: 0.09 ng/ml



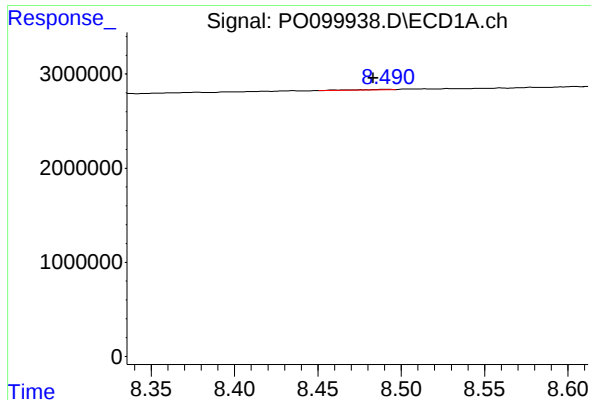
#34 AR-1260-4

R.T.: 8.162 min
Delta R.T.: 0.008 min
Response: 49260
Conc: 1.00 ng/ml



#34 AR-1260-4

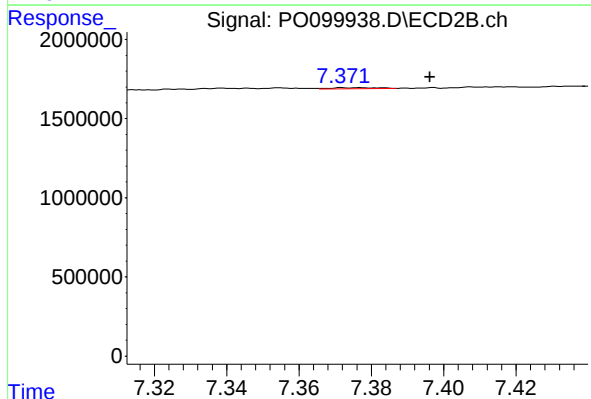
R.T.: 7.151 min
Delta R.T.: -0.004 min
Response: 10738
Conc: 0.24 ng/ml



#35 AR-1260-5

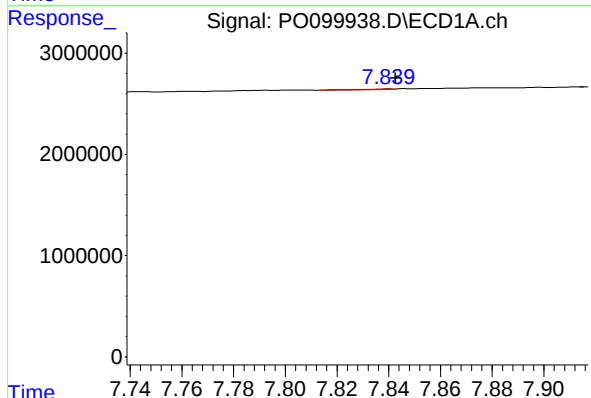
R.T.: 8.491 min
Delta R.T.: 0.008 min
Response: 59522
Conc: 0.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



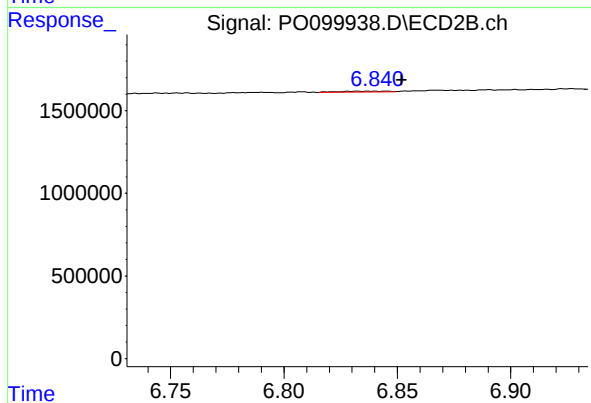
#35 AR-1260-5

R.T.: 7.377 min
Delta R.T.: -0.019 min
Response: 59846
Conc: 0.60 ng/ml



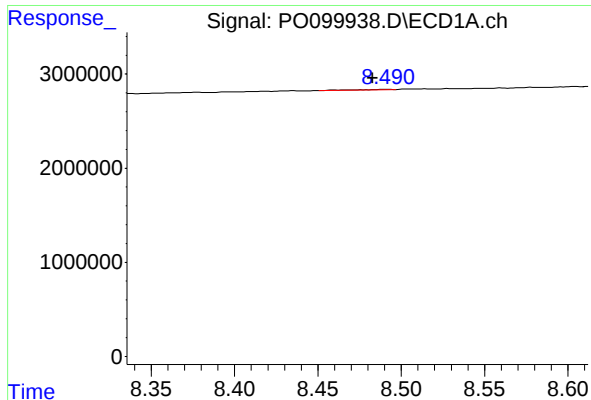
#36 AR-1262-1

R.T.: 7.840 min
Delta R.T.: -0.003 min
Response: 52258
Conc: 1.17 ng/ml



#36 AR-1262-1

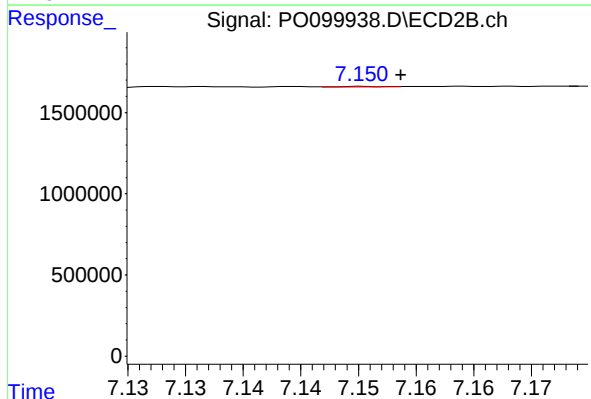
R.T.: 6.840 min
Delta R.T.: -0.012 min
Response: 72532
Conc: 2.23 ng/ml



#37 AR-1262-2

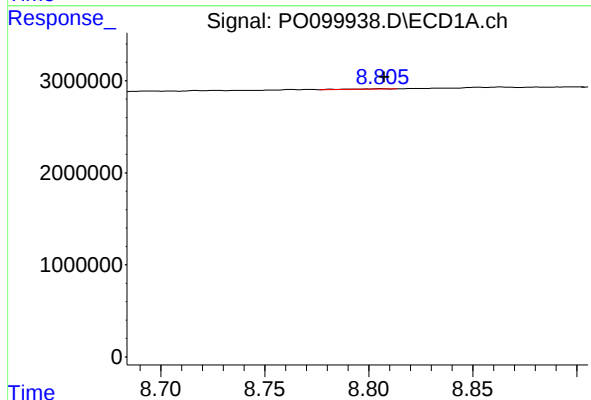
R.T.: 8.491 min
Delta R.T.: 0.008 min
Response: 59522
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



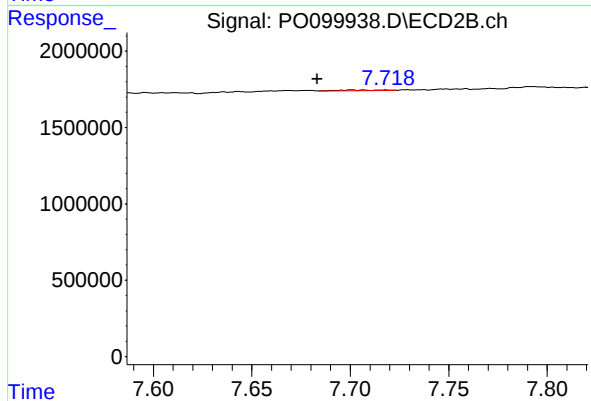
#37 AR-1262-2

R.T.: 7.151 min
Delta R.T.: -0.003 min
Response: 10738
Conc: 0.16 ng/ml



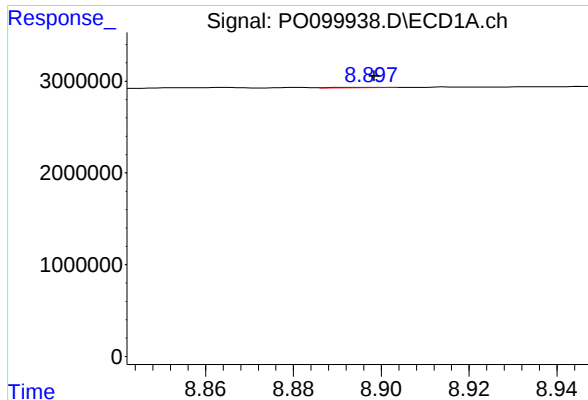
#38 AR-1262-3

R.T.: 8.806 min
Delta R.T.: -0.002 min
Response: 60340
Conc: 0.82 ng/ml



#38 AR-1262-3

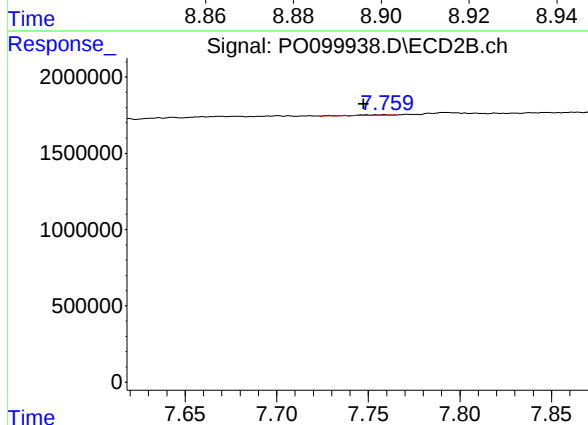
R.T.: 7.700 min
Delta R.T.: 0.017 min
Response: 54275
Conc: 1.06 ng/ml



#39 AR-1262-4

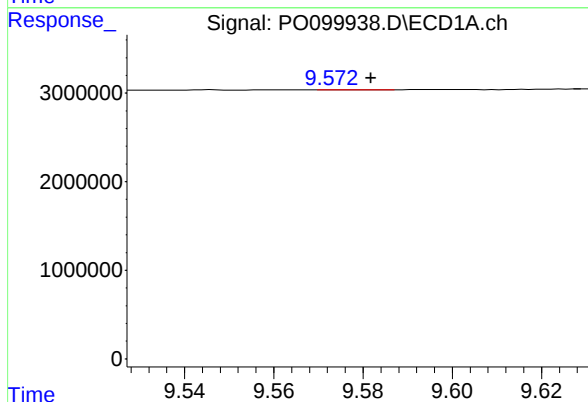
R.T.: 8.898 min
Delta R.T.: 0.000 min
Response: 31613
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



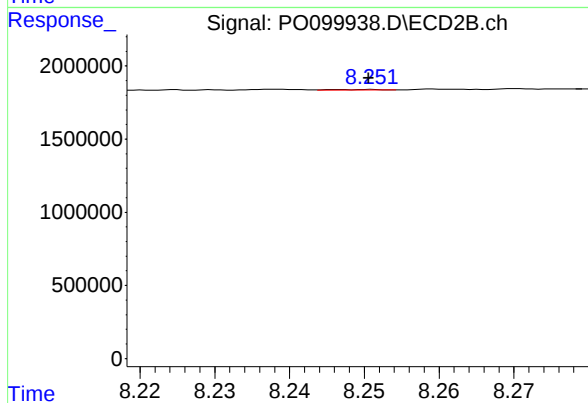
#39 AR-1262-4

R.T.: 7.759 min
Delta R.T.: 0.011 min
Response: 49318
Conc: 0.55 ng/ml



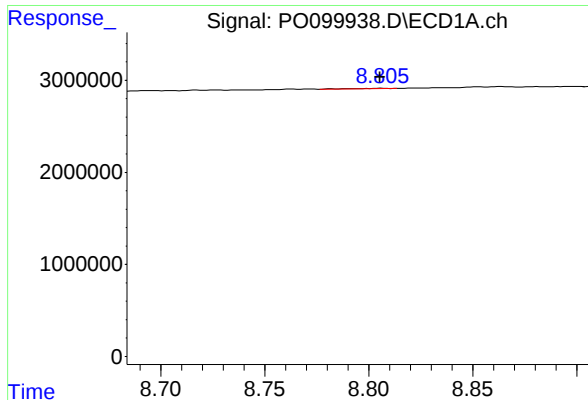
#40 AR-1262-5

R.T.: 9.573 min
Delta R.T.: -0.009 min
Response: 10663
Conc: 0.33 ng/ml



#40 AR-1262-5

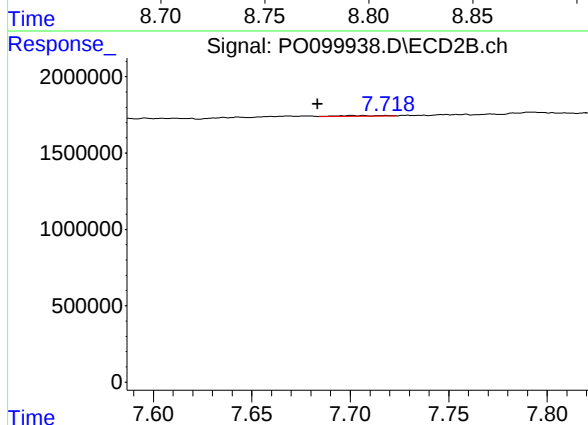
R.T.: 8.251 min
Delta R.T.: 0.000 min
Response: 16250
Conc: 0.42 ng/ml



#41 AR-1268-1

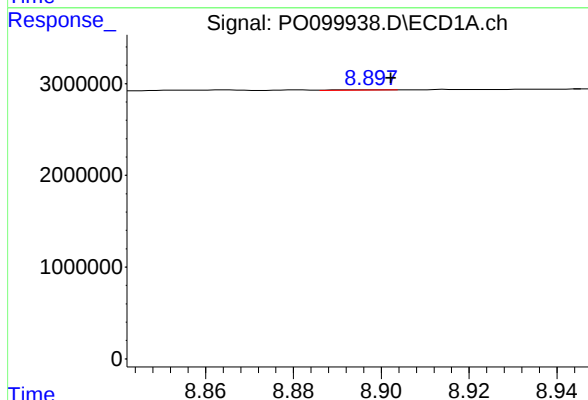
R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 60340
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



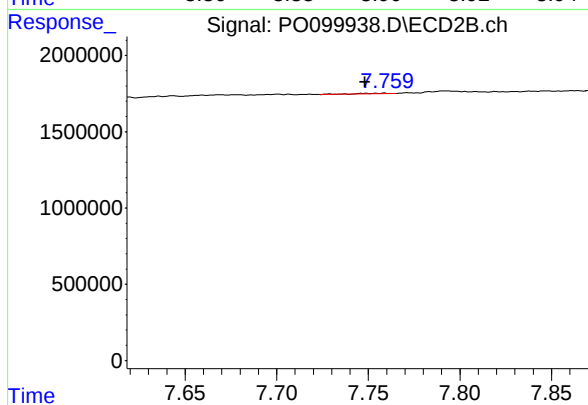
#41 AR-1268-1

R.T.: 7.700 min
Delta R.T.: 0.017 min
Response: 54275
Conc: 0.38 ng/ml



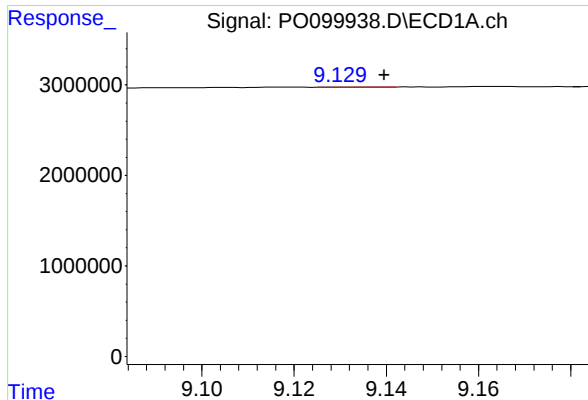
#42 AR-1268-2

R.T.: 8.898 min
Delta R.T.: -0.004 min
Response: 31613
Conc: 0.28 ng/ml



#42 AR-1268-2

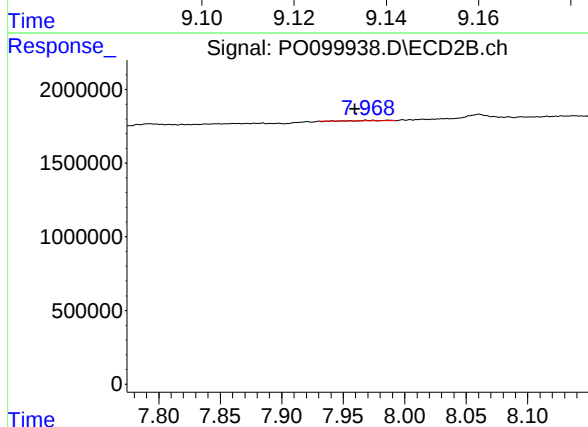
R.T.: 7.759 min
Delta R.T.: 0.011 min
Response: 49318
Conc: 0.38 ng/ml



#43 AR-1268-3

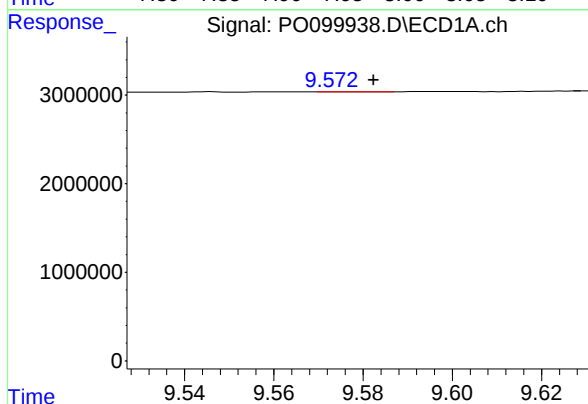
R.T.: 9.137 min
Delta R.T.: -0.003 min
Response: 29682
Conc: 0.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



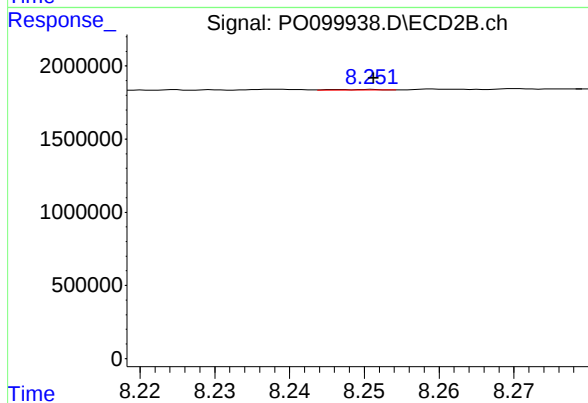
#43 AR-1268-3

R.T.: 7.968 min
Delta R.T.: 0.009 min
Response: 43757
Conc: 0.36 ng/ml



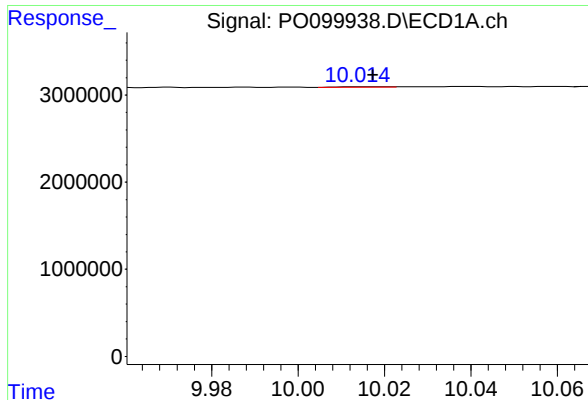
#44 AR-1268-4

R.T.: 9.573 min
Delta R.T.: -0.009 min
Response: 10663
Conc: 0.31 ng/ml



#44 AR-1268-4

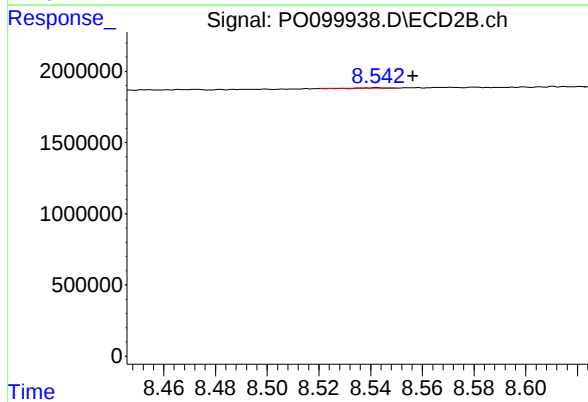
R.T.: 8.251 min
Delta R.T.: 0.000 min
Response: 16250
Conc: 0.38 ng/ml



#45 AR-1268-5

R.T.: 10.015 min
Delta R.T.: -0.002 min
Response: 45752
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.542 min
Delta R.T.: -0.014 min
Response: 12833
Conc: 0.04 ng/ml