

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122223\
 Data File : P0100710.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2023 17:40
 Operator : YP/AJ
 Sample : 05991-02 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 22:23:03 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	3.644	5732084	4035251	1.837	1.975
2) SA Decachlor...	10.090	8.706	4405623	3126099	2.109	2.071
Target Compounds						
3) L1 AR-1016-1	5.504	4.742	379932	242581	4.427	3.920
4) L1 AR-1016-2	5.541	4.742	37777	242581	0.296	2.751 #
5) L1 AR-1016-3	5.596	4.943	57401	111752	0.728	2.392 #
6) L1 AR-1016-4	5.700	4.985	31306	77008	0.514	1.876 #
7) L1 AR-1016-5	5.989	5.191	15106	121618	0.247	2.341 #
8) L2 AR-1221-1	4.536	3.874	150676	119363	4.076	4.753
9) L2 AR-1221-2	4.626	3.949	32335	179273	1.164	9.336 #
10) L2 AR-1221-3	4.731	3.987f	613165	252205	7.347	4.286 #
11) L3 AR-1232-1	4.731	3.987f	613165	252205	9.197	5.334 #
12) L3 AR-1232-2	5.247	4.742	161779	242581	4.615	5.816 #
13) L3 AR-1232-3	5.541	4.943	37777	111752	0.633	5.209 #
14) L3 AR-1232-4	5.700	5.028	31306	107676	1.142	5.068 #
15) L3 AR-1232-5	5.794	5.191	207930	121618	8.648	5.565 #
16) L4 AR-1242-1	5.504	4.742	379932	242581	5.387	4.645
17) L4 AR-1242-2	5.541	4.742	37777	242581	0.360	3.347 #
18) L4 AR-1242-3	5.596	4.943	57401	111752	0.883	2.917 #
19) L4 AR-1242-4	5.700	5.028	31306	107676	0.625	2.583 #
20) L4 AR-1242-5	6.463	5.567	78759	264032	1.522	5.753 #
21) L5 AR-1248-1	5.504	4.742	379932	242581	6.925	6.066
22) L5 AR-1248-2	5.794	4.985	207930	77008	2.407	1.280 #
23) L5 AR-1248-3	5.989	5.028	15106	107676	0.172	1.723 #
24) L5 AR-1248-4	6.408	5.191	128396	121618	1.428	1.688
25) L5 AR-1248-5	6.416	5.592	13482	195522	0.150	3.169 #
26) L6 AR-1254-1	6.362	5.567	19876	264032	0.189	2.573 #
27) L6 AR-1254-2	6.600	5.699	321531	230851	2.177	2.513
28) L6 AR-1254-3	6.966	6.108	246952	95204	1.764	0.704 #
29) L6 AR-1254-4	7.289f	6.341	110961	60632	1.305	0.841 #
30) L6 AR-1254-5	7.657	6.750	4377498	809451	36.995	7.025 #
31) L7 AR-1260-1	7.163f	6.225	390779	138055	2.852	1.449 #
32) L7 AR-1260-2	7.378	6.421	79695	112915	0.634	1.051 #
33) L7 AR-1260-3	7.742	6.596	361091	295098	3.728	2.879
34) L7 AR-1260-4	8.024f	7.058	228980	265832	2.170	3.261 #
35) L7 AR-1260-5	8.322	7.322	7824519	186536	37.067	1.034 #
36) L8 AR-1262-1	7.657	6.750	4377498	809451	43.819	12.976 #
37) L8 AR-1262-2	8.322	7.058	7824519	265832	32.972	2.352 #
38) L8 AR-1262-3	8.602	7.585	234762	557888	1.446	7.245 #
39) L8 AR-1262-4	8.691	7.647	134431	365277	1.043	2.473 #
40) L8 AR-1262-5	9.342	8.150	100007	181745	1.254	2.842 #
41) L9 AR-1268-1	8.602	7.585	234762	557888	0.831	2.517 #

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 Acq On : 22 Dec 2023 17:40
 Operator : YP/AJ
 Sample : 05991-02 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

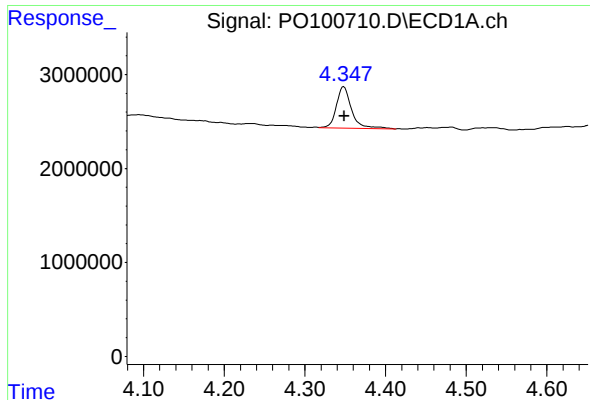
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 22:23:03 2023
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 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	8.691	7.647	134431	365277	0.532	1.806 #
43) L9	AR-1268-3	8.941	7.850	484646	573246	2.124	3.038 #
44) L9	AR-1268-4	9.342	8.150	100007	181745	1.277	2.707 #
45) L9	AR-1268-5	0.000	8.439	0	498898	N.D.	0.962 #

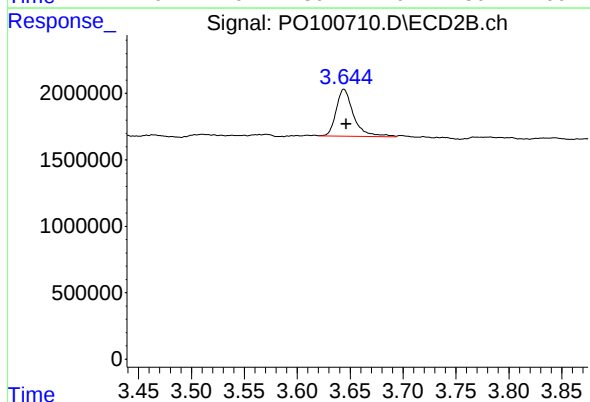
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

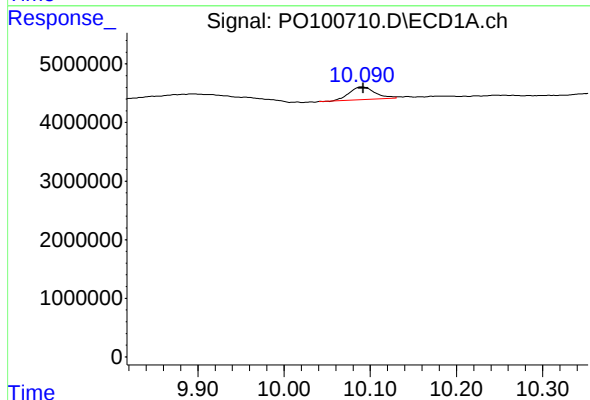
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 5732084
Conc: 1.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



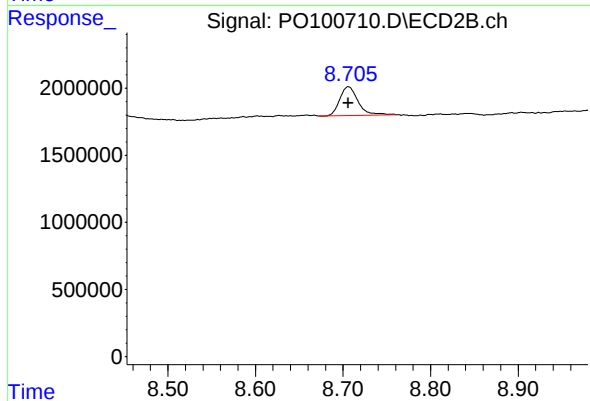
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.002 min
Response: 4035251
Conc: 1.97 ng/ml



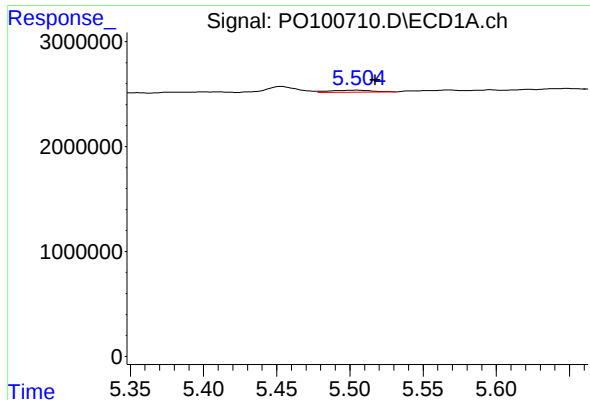
#2 Decachlorobiphenyl

R.T.: 10.090 min
Delta R.T.: -0.002 min
Response: 4405623
Conc: 2.11 ng/ml



#2 Decachlorobiphenyl

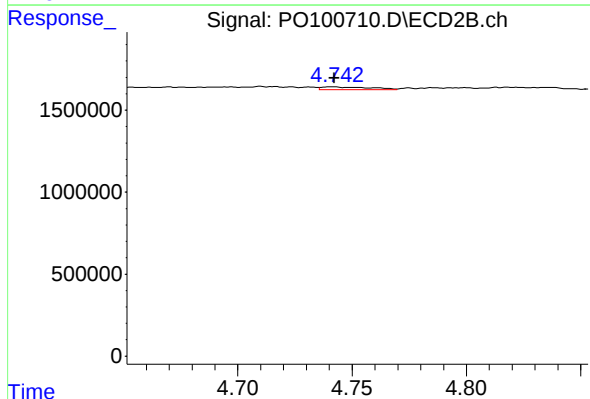
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 3126099
Conc: 2.07 ng/ml



#3 AR-1016-1

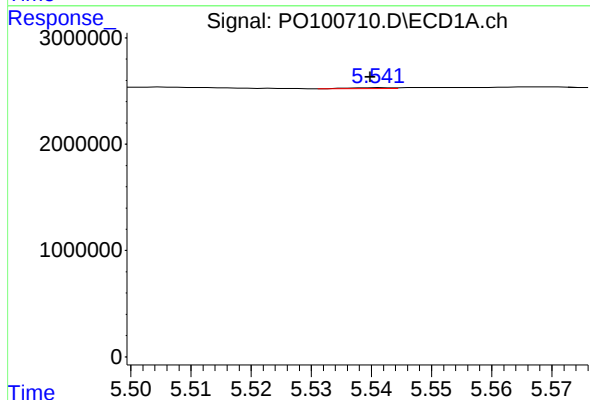
R.T.: 5.504 min
Delta R.T.: -0.013 min
Response: 379932
Conc: 4.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



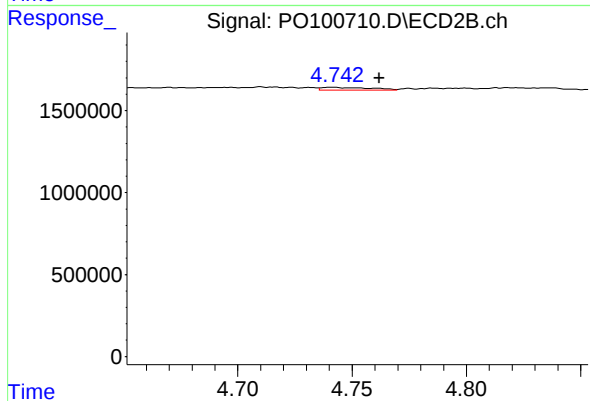
#3 AR-1016-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 242581
Conc: 3.92 ng/ml



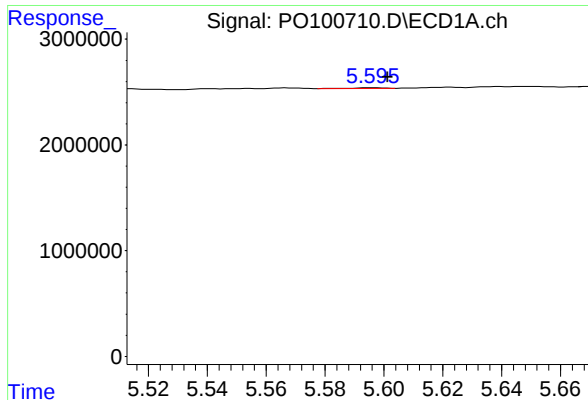
#4 AR-1016-2

R.T.: 5.541 min
Delta R.T.: 0.001 min
Response: 37777
Conc: 0.30 ng/ml



#4 AR-1016-2

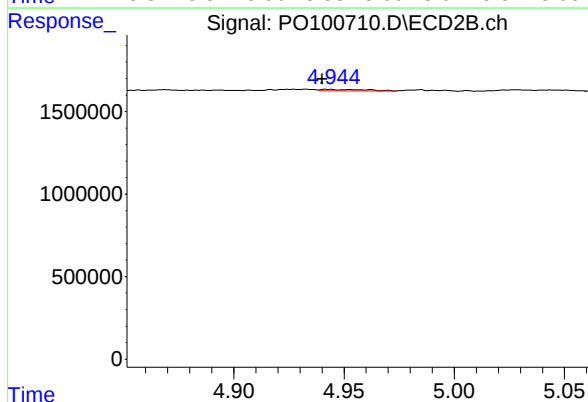
R.T.: 4.742 min
Delta R.T.: -0.020 min
Response: 242581
Conc: 2.75 ng/ml



#5 AR-1016-3

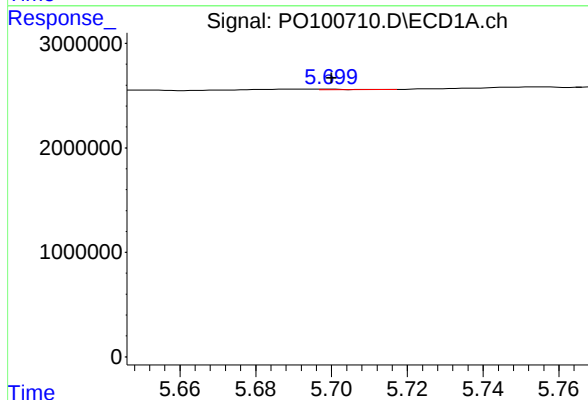
R.T.: 5.596 min
Delta R.T.: -0.005 min
Response: 57401
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



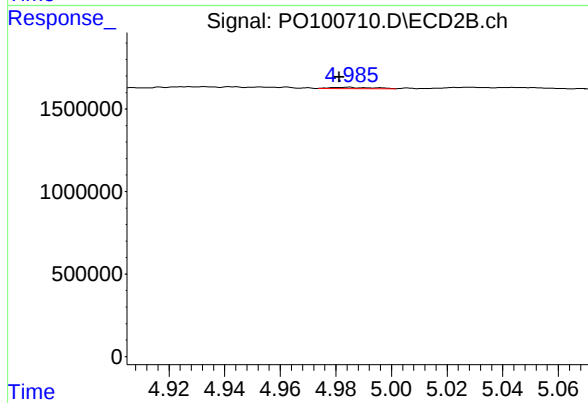
#5 AR-1016-3

R.T.: 4.943 min
Delta R.T.: 0.003 min
Response: 111752
Conc: 2.39 ng/ml



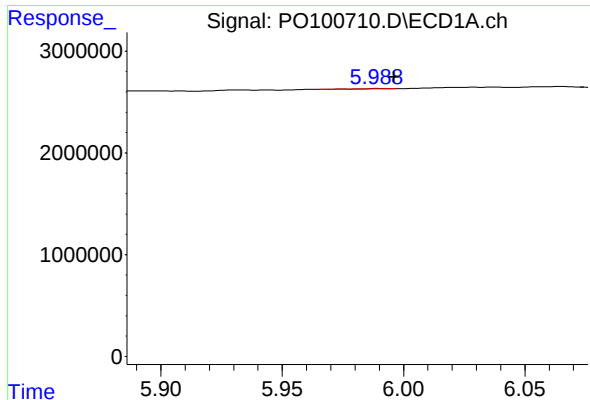
#6 AR-1016-4

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 31306
Conc: 0.51 ng/ml



#6 AR-1016-4

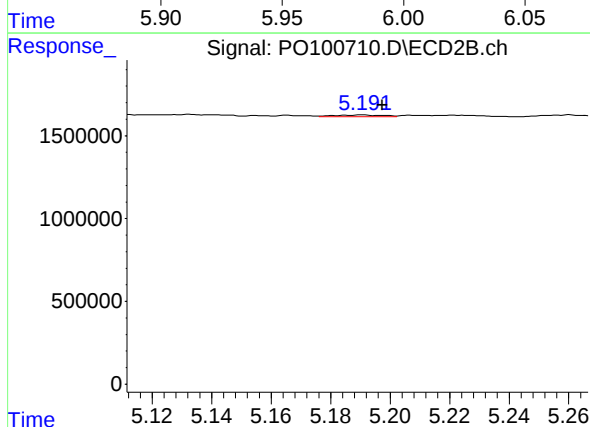
R.T.: 4.985 min
Delta R.T.: 0.003 min
Response: 77008
Conc: 1.88 ng/ml



#7 AR-1016-5

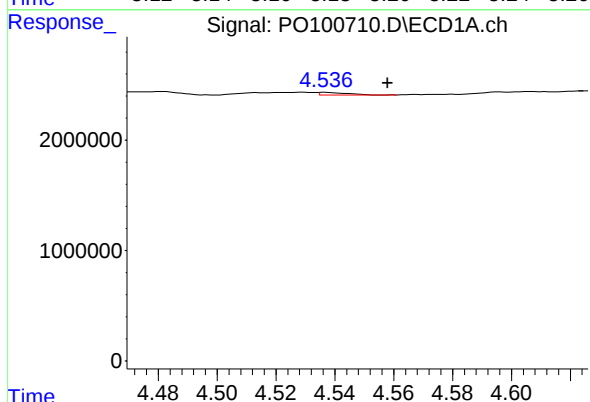
R.T.: 5.989 min
Delta R.T.: -0.007 min
Response: 15106
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



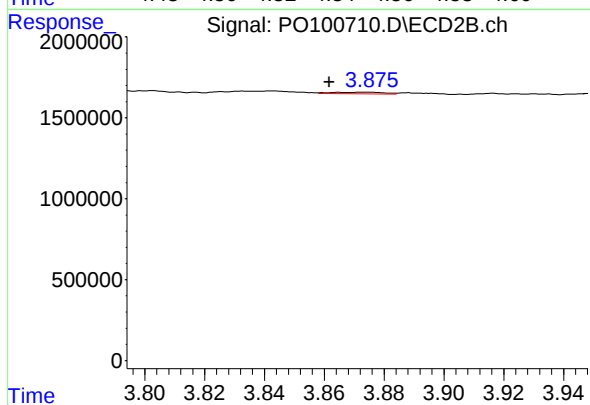
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: -0.007 min
Response: 121618
Conc: 2.34 ng/ml



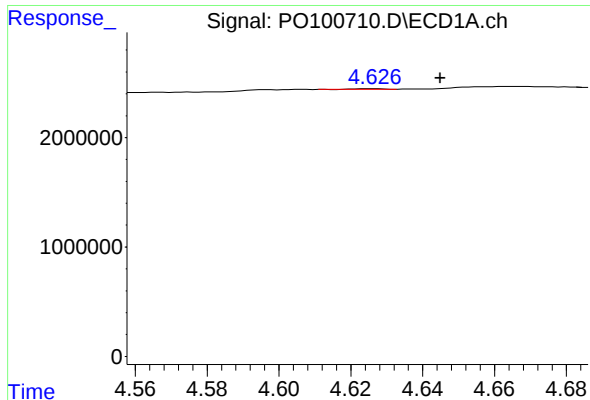
#8 AR-1221-1

R.T.: 4.536 min
Delta R.T.: -0.022 min
Response: 150676
Conc: 4.08 ng/ml



#8 AR-1221-1

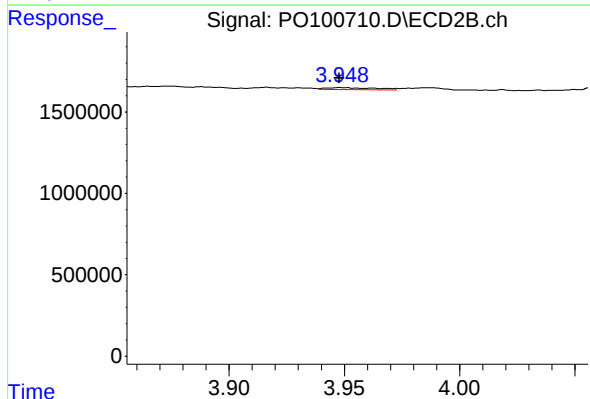
R.T.: 3.874 min
Delta R.T.: 0.012 min
Response: 119363
Conc: 4.75 ng/ml



#9 AR-1221-2

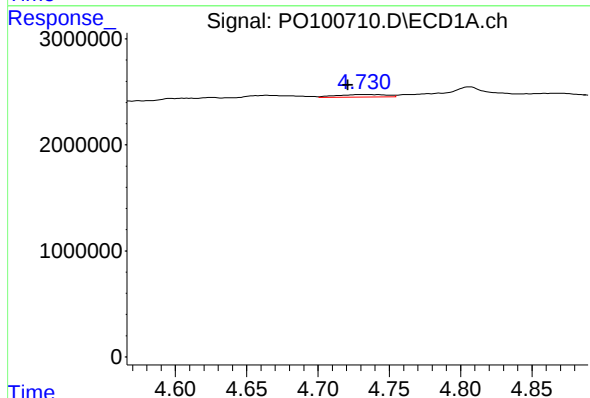
R.T.: 4.626 min
Delta R.T.: -0.019 min
Response: 32335
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



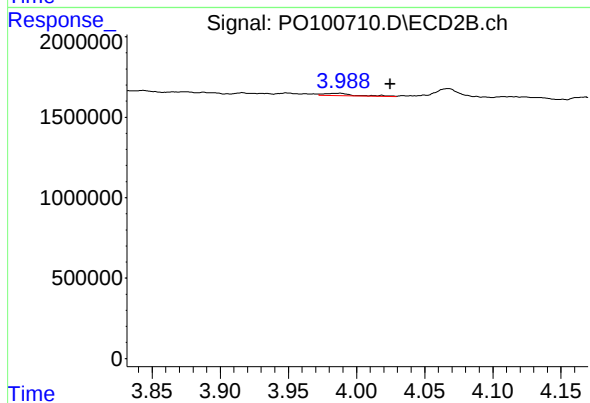
#9 AR-1221-2

R.T.: 3.949 min
Delta R.T.: 0.000 min
Response: 179273
Conc: 9.34 ng/ml



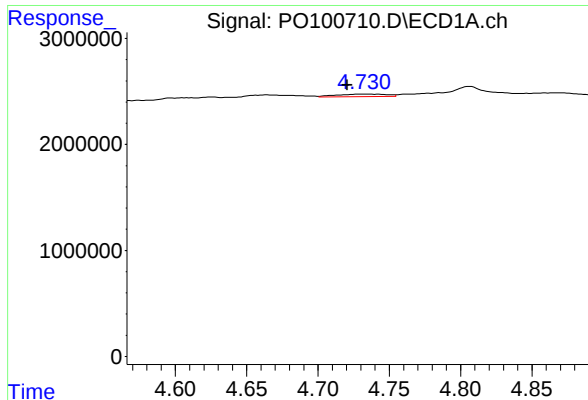
#10 AR-1221-3

R.T.: 4.731 min
Delta R.T.: 0.011 min
Response: 613165
Conc: 7.35 ng/ml



#10 AR-1221-3

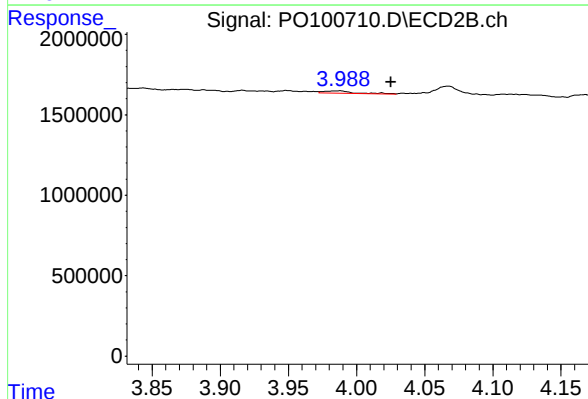
R.T.: 3.987 min
Delta R.T.: -0.038 min
Response: 252205
Conc: 4.29 ng/ml



#11 AR-1232-1

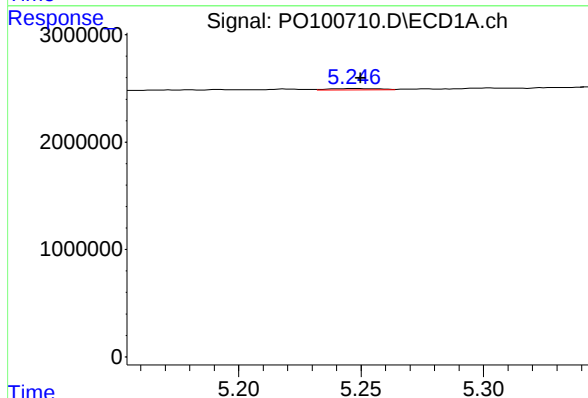
R.T.: 4.731 min
Delta R.T.: 0.011 min
Response: 613165
Conc: 9.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



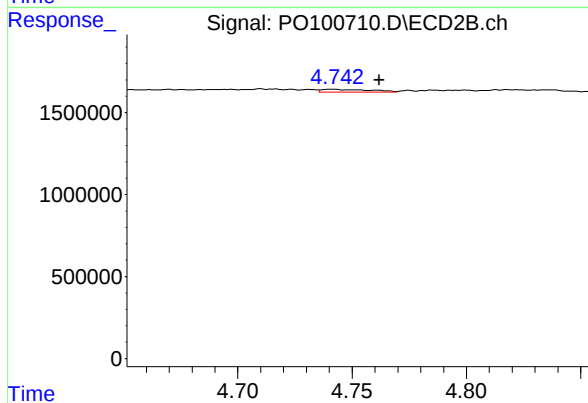
#11 AR-1232-1

R.T.: 3.987 min
Delta R.T.: -0.038 min
Response: 252205
Conc: 5.33 ng/ml



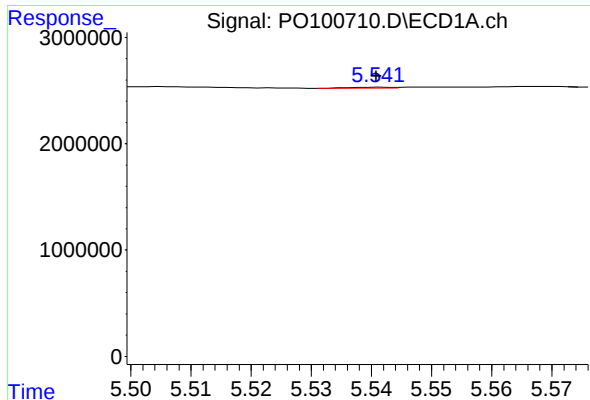
#12 AR-1232-2

R.T.: 5.247 min
Delta R.T.: -0.003 min
Response: 161779
Conc: 4.61 ng/ml



#12 AR-1232-2

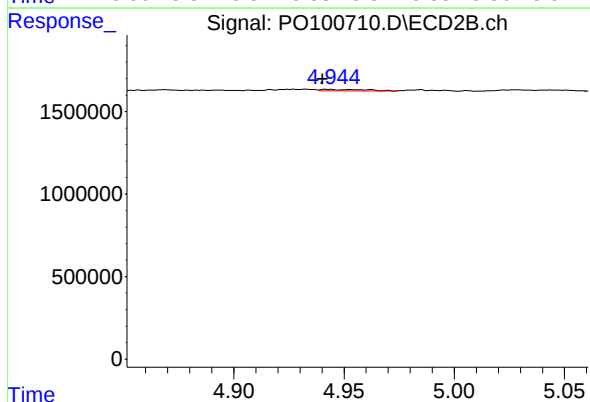
R.T.: 4.742 min
Delta R.T.: -0.020 min
Response: 242581
Conc: 5.82 ng/ml



#13 AR-1232-3

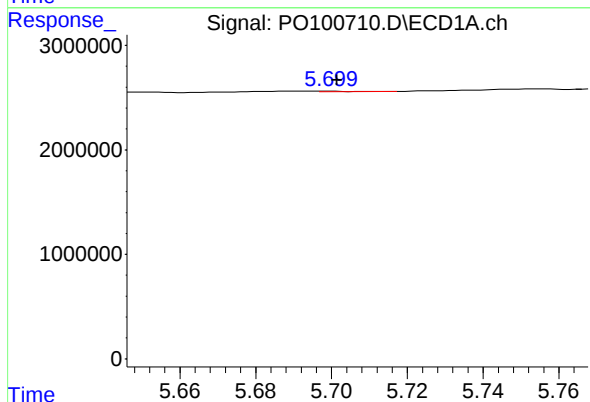
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 37777
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



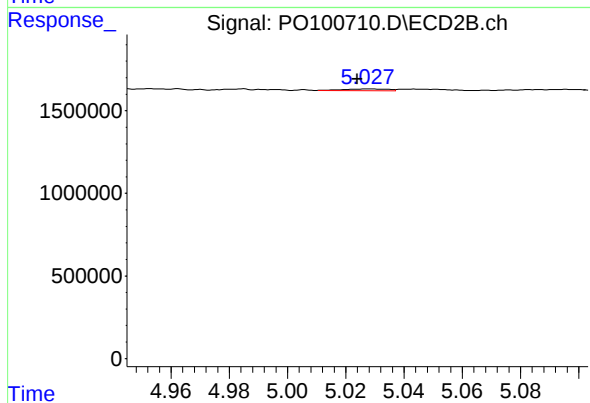
#13 AR-1232-3

R.T.: 4.943 min
Delta R.T.: 0.003 min
Response: 111752
Conc: 5.21 ng/ml



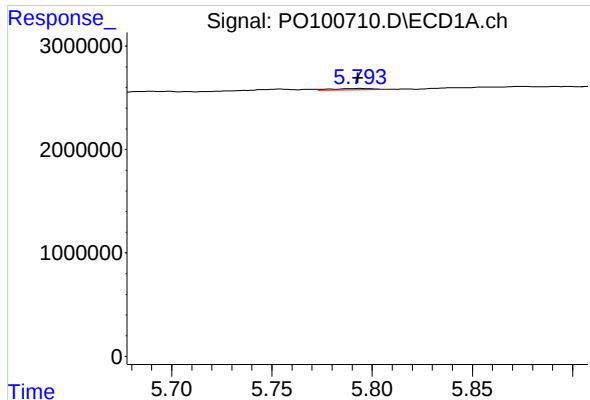
#14 AR-1232-4

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 31306
Conc: 1.14 ng/ml



#14 AR-1232-4

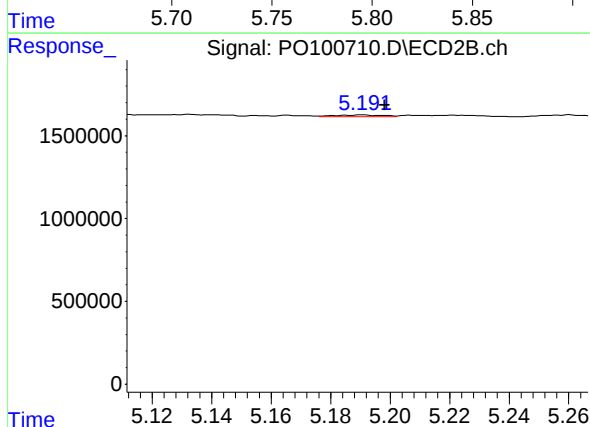
R.T.: 5.028 min
Delta R.T.: 0.004 min
Response: 107676
Conc: 5.07 ng/ml



#15 AR-1232-5

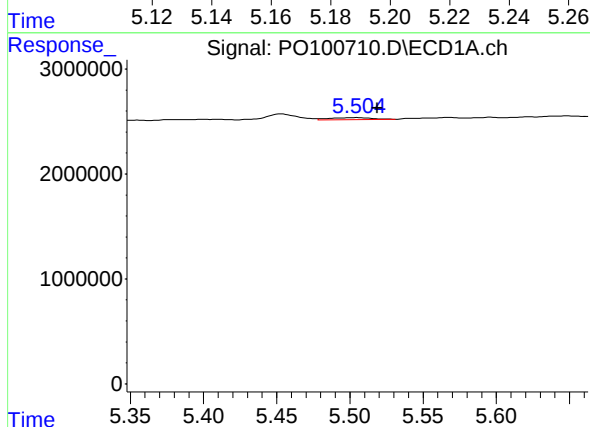
R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 207930
Conc: 8.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



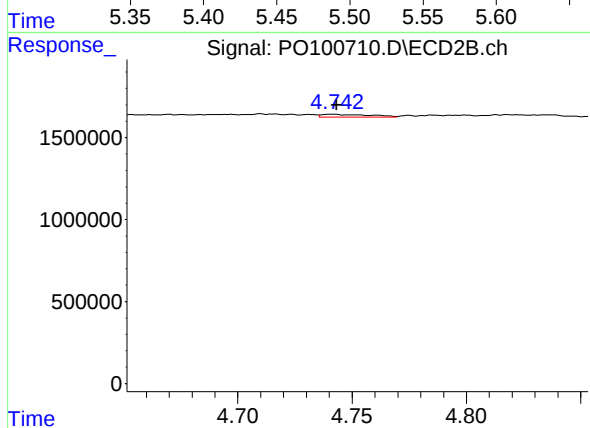
#15 AR-1232-5

R.T.: 5.191 min
Delta R.T.: -0.007 min
Response: 121618
Conc: 5.57 ng/ml



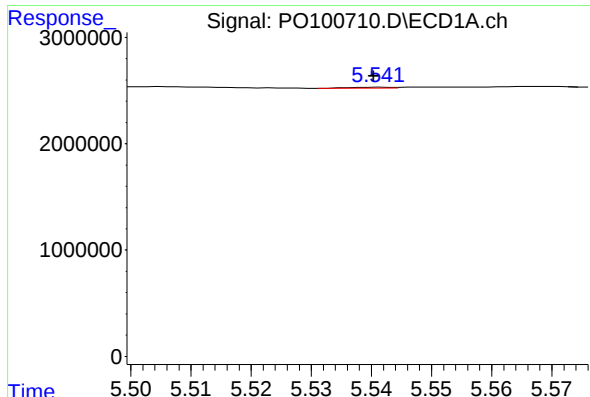
#16 AR-1242-1

R.T.: 5.504 min
Delta R.T.: -0.014 min
Response: 379932
Conc: 5.39 ng/ml



#16 AR-1242-1

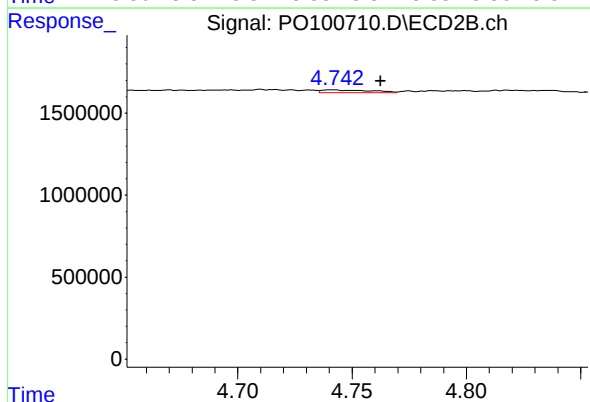
R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 242581
Conc: 4.64 ng/ml



#17 AR-1242-2

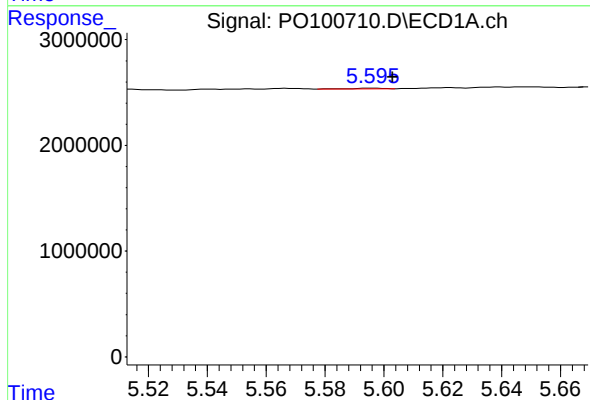
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 37777
Conc: 0.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



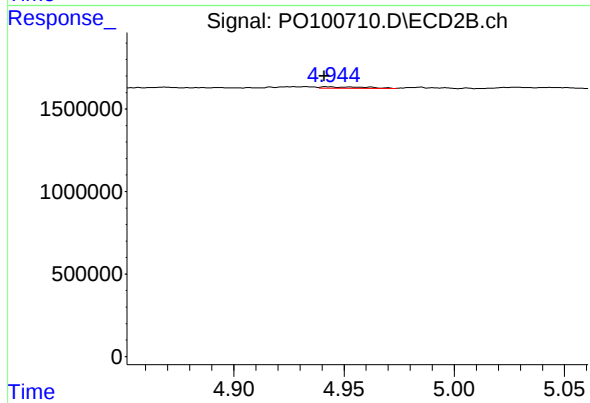
#17 AR-1242-2

R.T.: 4.742 min
Delta R.T.: -0.021 min
Response: 242581
Conc: 3.35 ng/ml



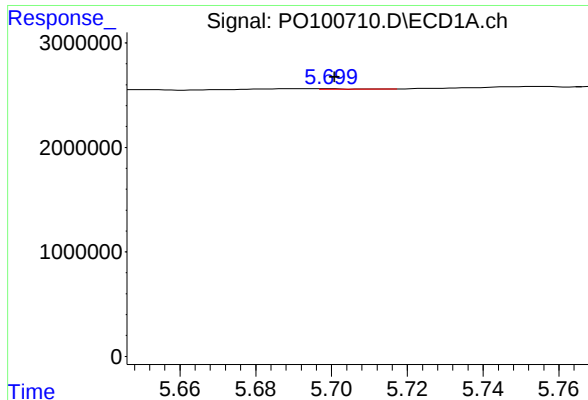
#18 AR-1242-3

R.T.: 5.596 min
Delta R.T.: -0.007 min
Response: 57401
Conc: 0.88 ng/ml



#18 AR-1242-3

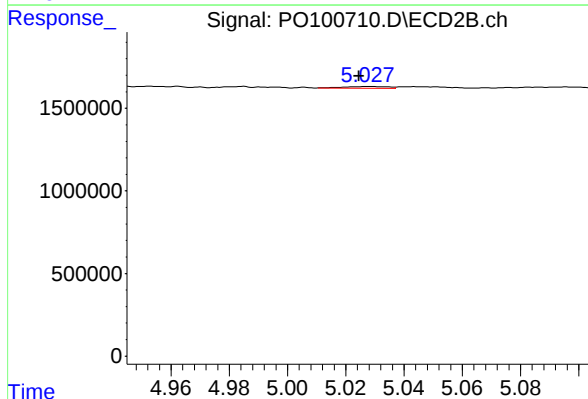
R.T.: 4.943 min
Delta R.T.: 0.002 min
Response: 111752
Conc: 2.92 ng/ml



#19 AR-1242-4

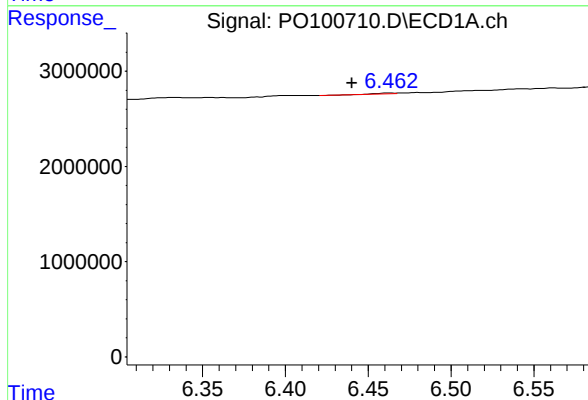
R.T.: 5.700 min
Delta R.T.: -0.001 min
Response: 31306
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



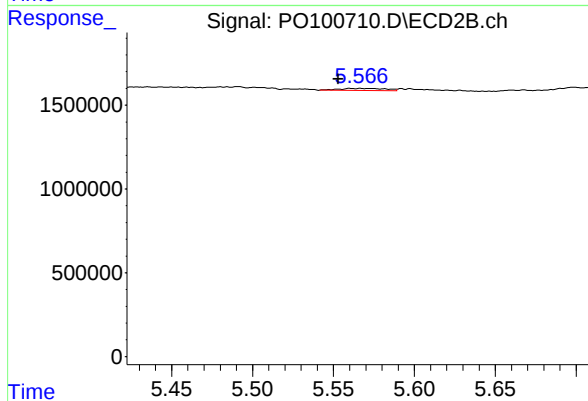
#19 AR-1242-4

R.T.: 5.028 min
Delta R.T.: 0.003 min
Response: 107676
Conc: 2.58 ng/ml



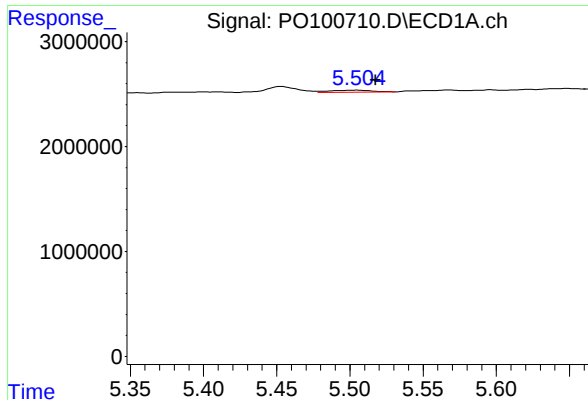
#20 AR-1242-5

R.T.: 6.463 min
Delta R.T.: 0.023 min
Response: 78759
Conc: 1.52 ng/ml



#20 AR-1242-5

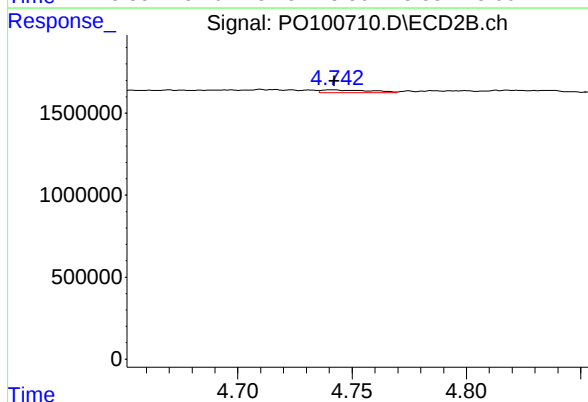
R.T.: 5.567 min
Delta R.T.: 0.014 min
Response: 264032
Conc: 5.75 ng/ml



#21 AR-1248-1

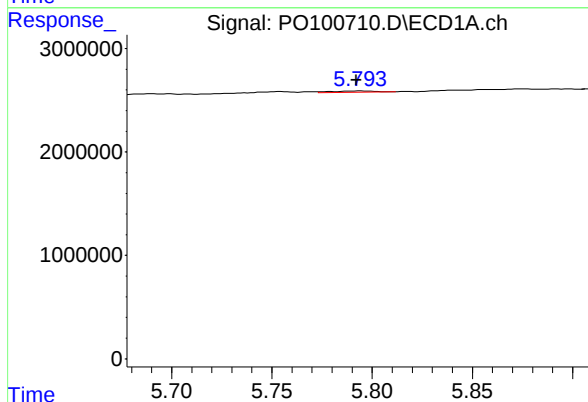
R.T.: 5.504 min
Delta R.T.: -0.013 min
Response: 379932
Conc: 6.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



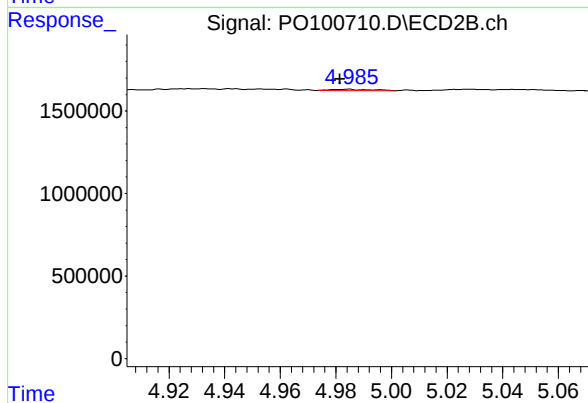
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 242581
Conc: 6.07 ng/ml



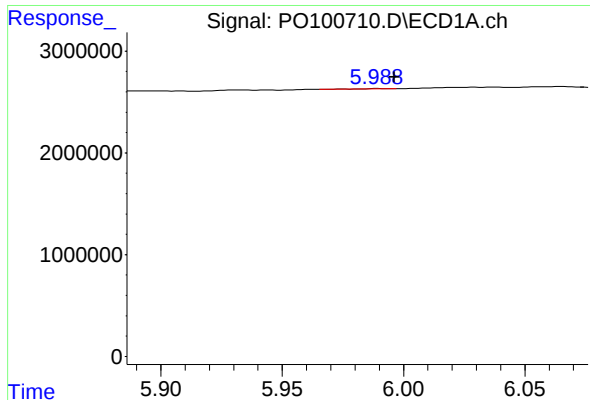
#22 AR-1248-2

R.T.: 5.794 min
Delta R.T.: 0.002 min
Response: 207930
Conc: 2.41 ng/ml



#22 AR-1248-2

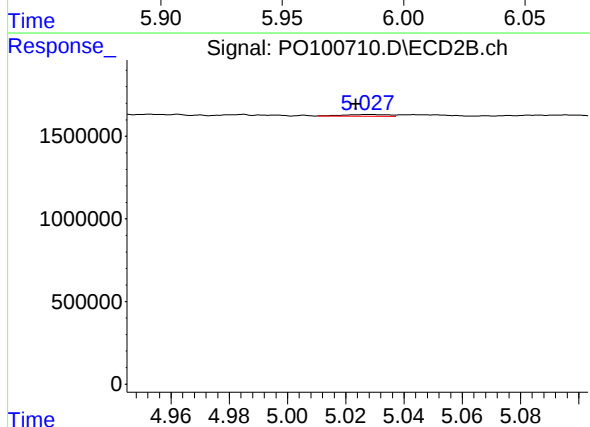
R.T.: 4.985 min
Delta R.T.: 0.003 min
Response: 77008
Conc: 1.28 ng/ml



#23 AR-1248-3

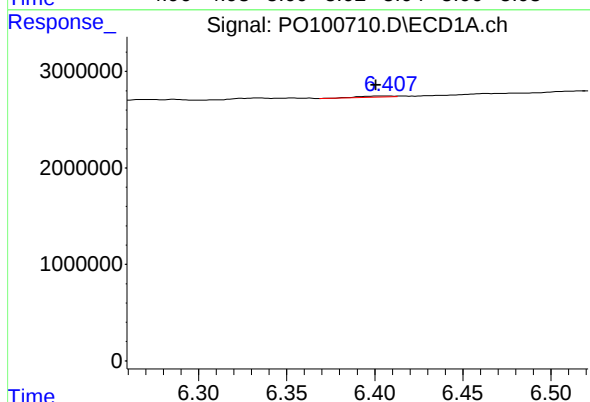
R.T.: 5.989 min
Delta R.T.: -0.007 min
Response: 15106
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



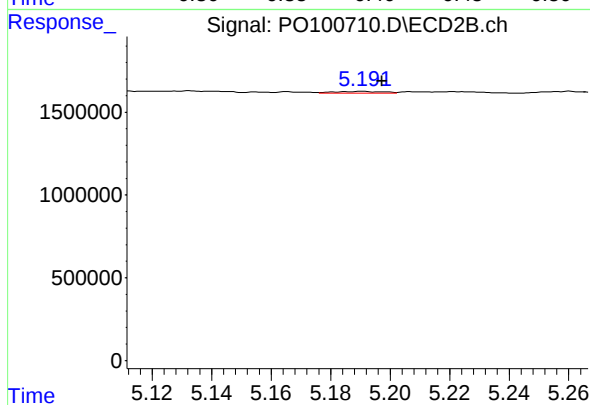
#23 AR-1248-3

R.T.: 5.028 min
Delta R.T.: 0.005 min
Response: 107676
Conc: 1.72 ng/ml



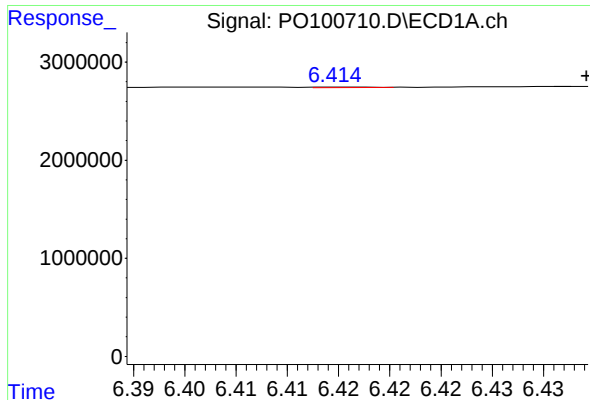
#24 AR-1248-4

R.T.: 6.408 min
Delta R.T.: 0.007 min
Response: 128396
Conc: 1.43 ng/ml



#24 AR-1248-4

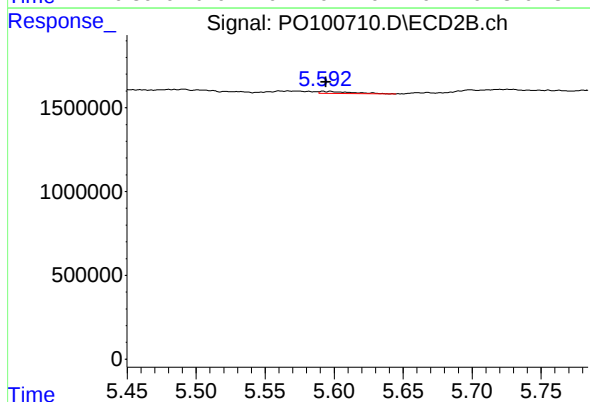
R.T.: 5.191 min
Delta R.T.: -0.007 min
Response: 121618
Conc: 1.69 ng/ml



#25 AR-1248-5

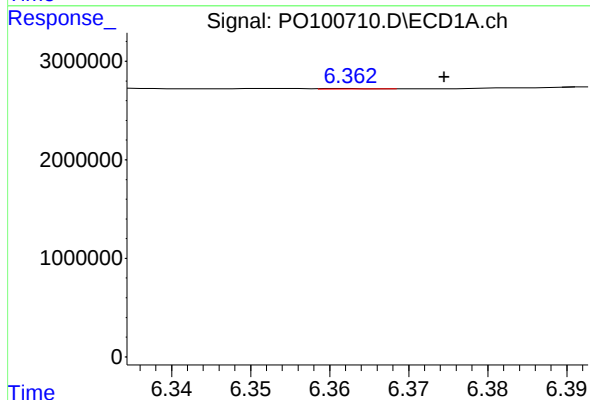
R.T.: 6.416 min
Delta R.T.: -0.023 min
Response: 13482
Conc: 0.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



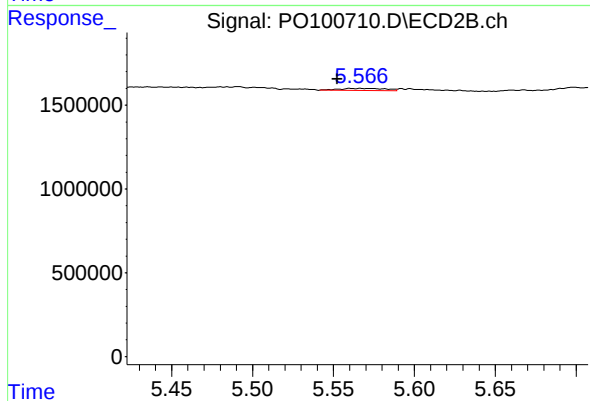
#25 AR-1248-5

R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 195522
Conc: 3.17 ng/ml



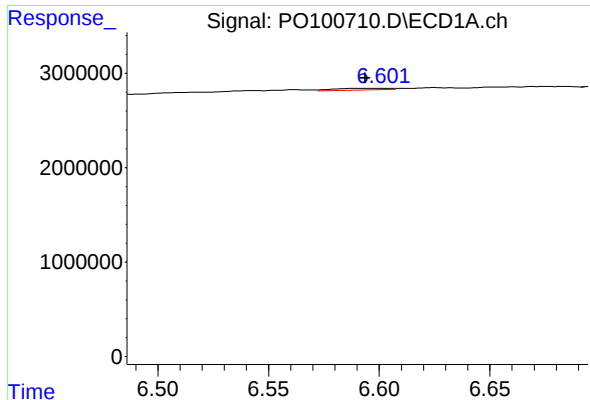
#26 AR-1254-1

R.T.: 6.362 min
Delta R.T.: -0.012 min
Response: 19876
Conc: 0.19 ng/ml



#26 AR-1254-1

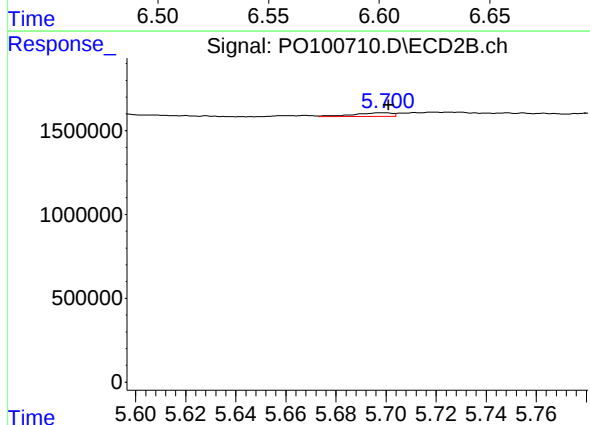
R.T.: 5.567 min
Delta R.T.: 0.014 min
Response: 264032
Conc: 2.57 ng/ml



#27 AR-1254-2

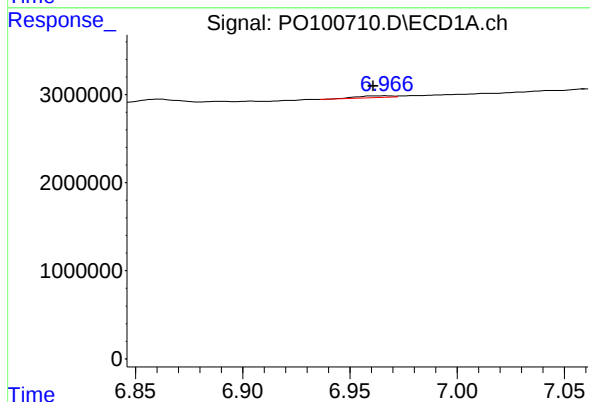
R.T.: 6.600 min
Delta R.T.: 0.007 min
Response: 321531
Conc: 2.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



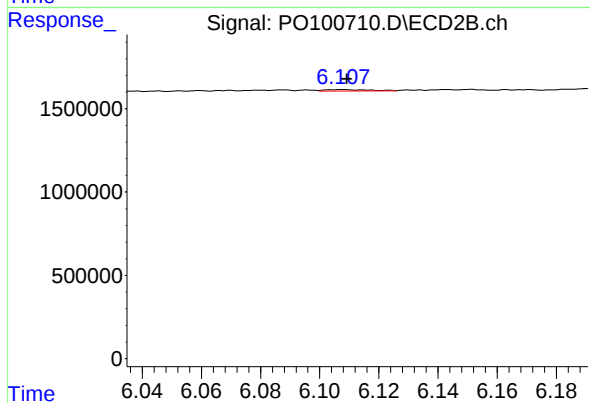
#27 AR-1254-2

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 230851
Conc: 2.51 ng/ml



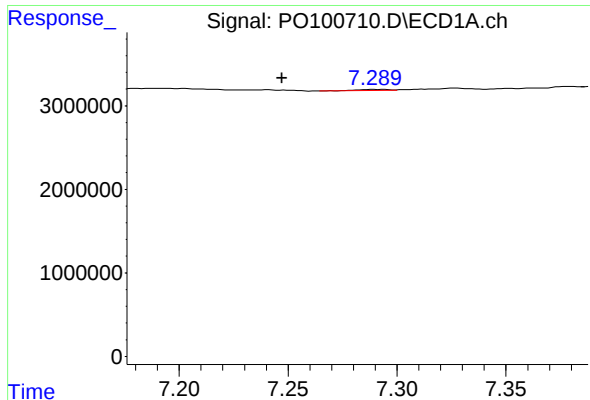
#28 AR-1254-3

R.T.: 6.966 min
Delta R.T.: 0.005 min
Response: 246952
Conc: 1.76 ng/ml



#28 AR-1254-3

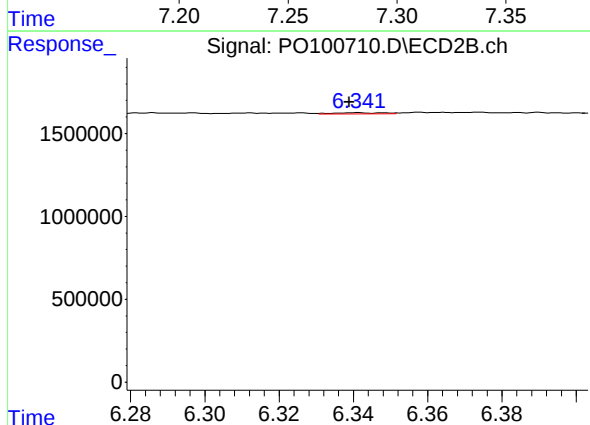
R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 95204
Conc: 0.70 ng/ml



#29 AR-1254-4

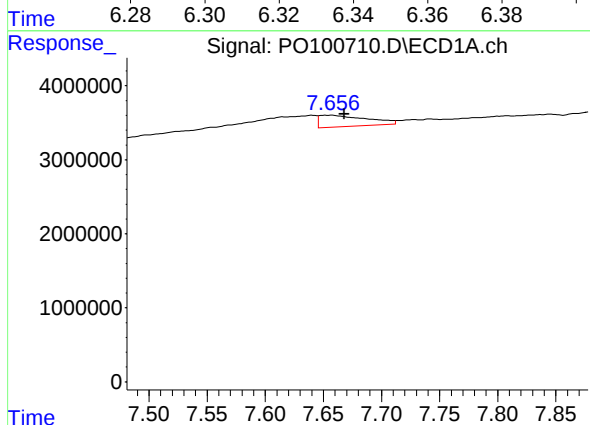
R.T.: 7.289 min
Delta R.T.: 0.042 min
Response: 110961
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



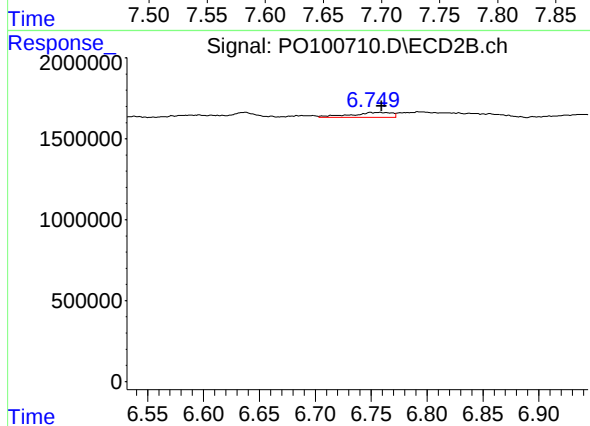
#29 AR-1254-4

R.T.: 6.341 min
Delta R.T.: 0.002 min
Response: 60632
Conc: 0.84 ng/ml



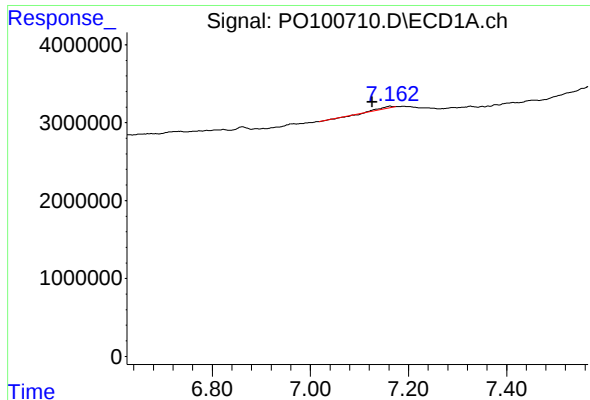
#30 AR-1254-5

R.T.: 7.657 min
Delta R.T.: -0.011 min
Response: 4377498
Conc: 37.00 ng/ml



#30 AR-1254-5

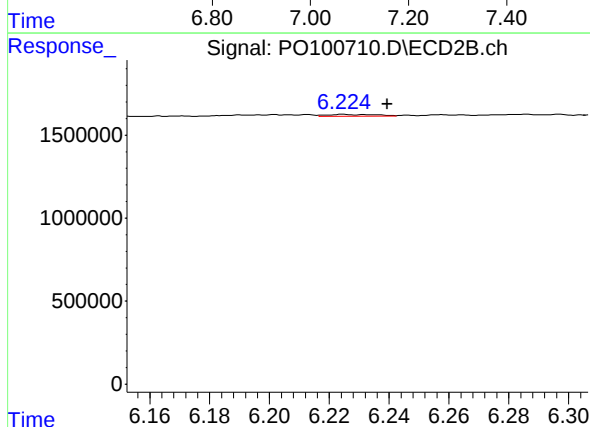
R.T.: 6.750 min
Delta R.T.: -0.010 min
Response: 809451
Conc: 7.03 ng/ml



#31 AR-1260-1

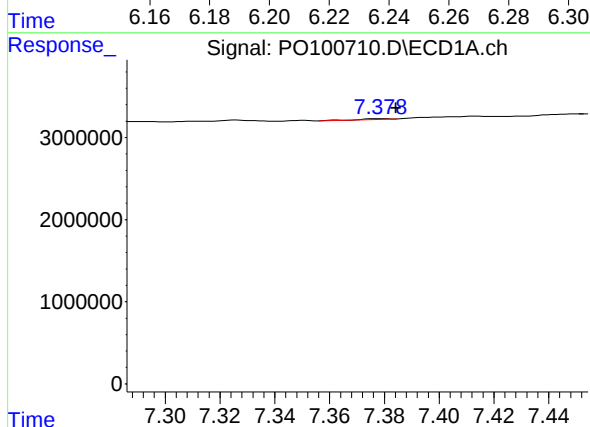
R.T.: 7.163 min
Delta R.T.: 0.037 min
Response: 390779
Conc: 2.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



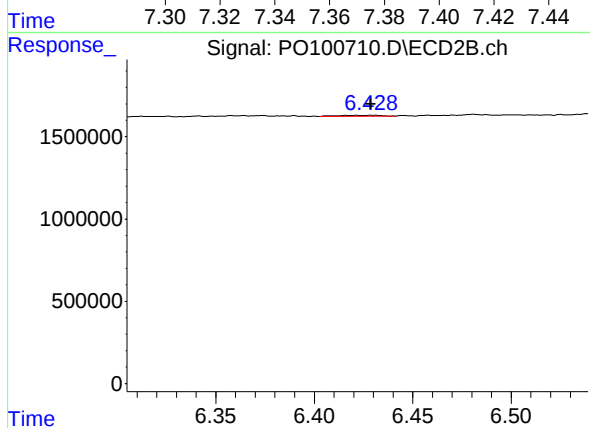
#31 AR-1260-1

R.T.: 6.225 min
Delta R.T.: -0.015 min
Response: 138055
Conc: 1.45 ng/ml



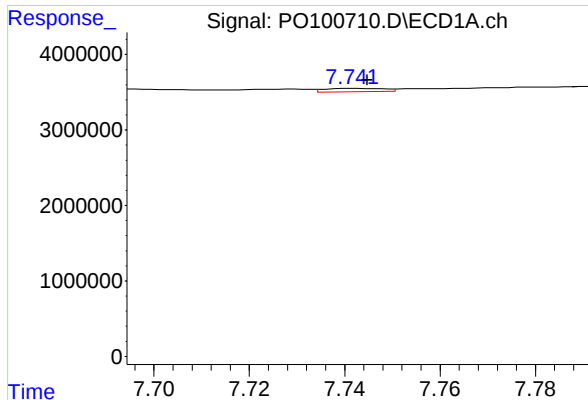
#32 AR-1260-2

R.T.: 7.378 min
Delta R.T.: -0.006 min
Response: 79695
Conc: 0.63 ng/ml



#32 AR-1260-2

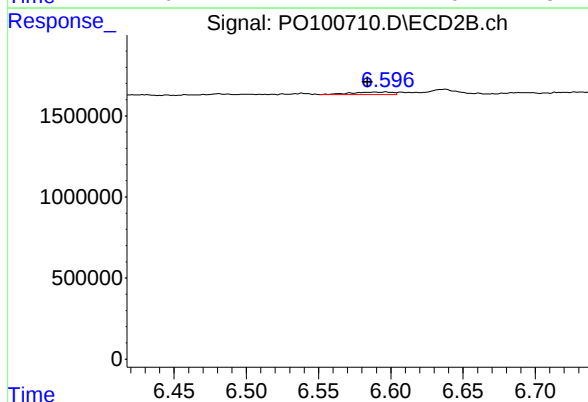
R.T.: 6.421 min
Delta R.T.: -0.008 min
Response: 112915
Conc: 1.05 ng/ml



#33 AR-1260-3

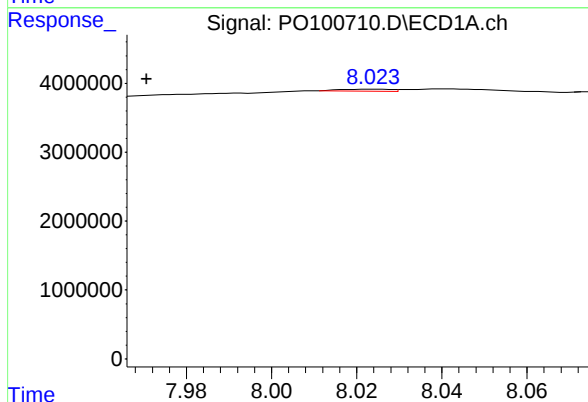
R.T.: 7.742 min
Delta R.T.: -0.003 min
Response: 361091
Conc: 3.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



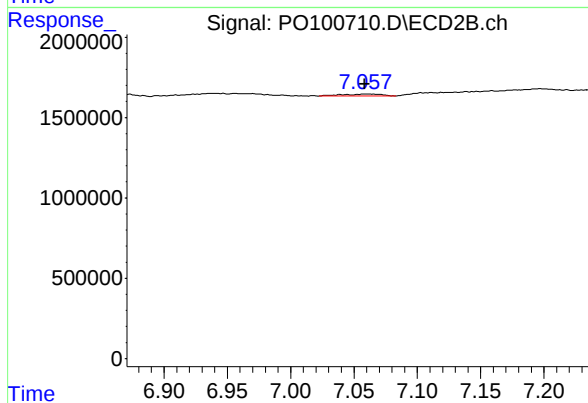
#33 AR-1260-3

R.T.: 6.596 min
Delta R.T.: 0.012 min
Response: 295098
Conc: 2.88 ng/ml



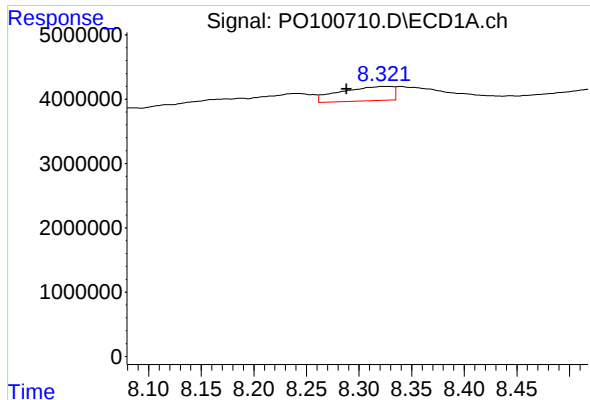
#34 AR-1260-4

R.T.: 8.024 min
Delta R.T.: 0.053 min
Response: 228980
Conc: 2.17 ng/ml



#34 AR-1260-4

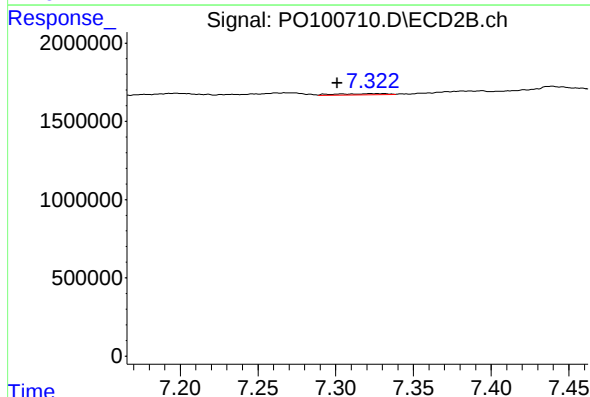
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 265832
Conc: 3.26 ng/ml



#35 AR-1260-5

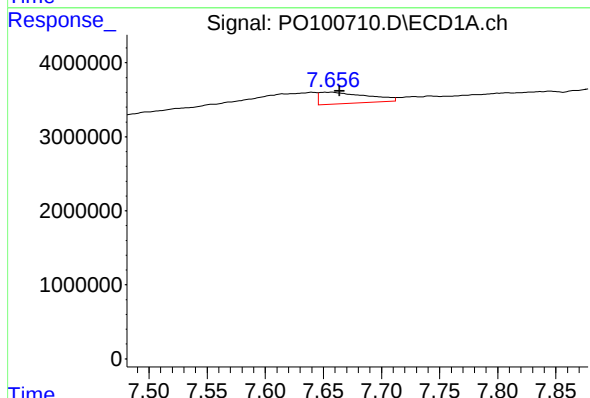
R.T.: 8.322 min
Delta R.T.: 0.034 min
Response: 7824519
Conc: 37.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



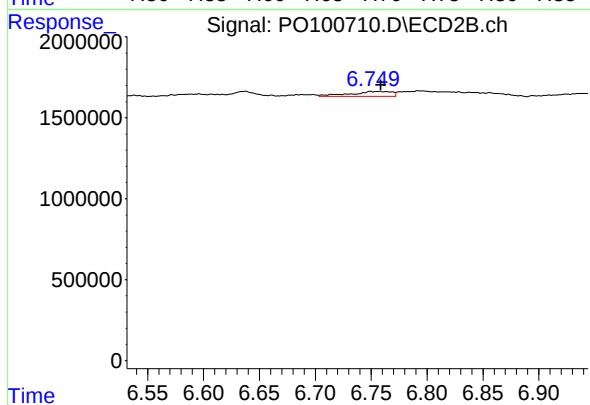
#35 AR-1260-5

R.T.: 7.322 min
Delta R.T.: 0.021 min
Response: 186536
Conc: 1.03 ng/ml



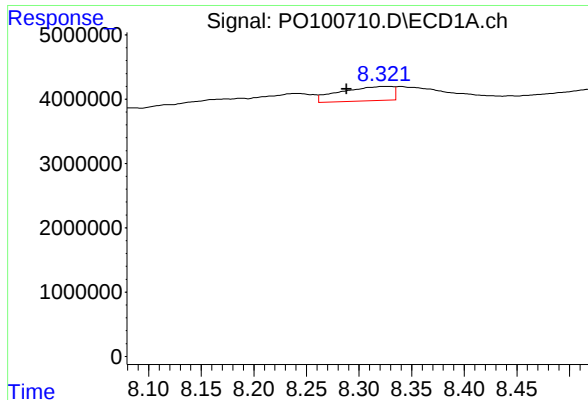
#36 AR-1262-1

R.T.: 7.657 min
Delta R.T.: -0.007 min
Response: 4377498
Conc: 43.82 ng/ml



#36 AR-1262-1

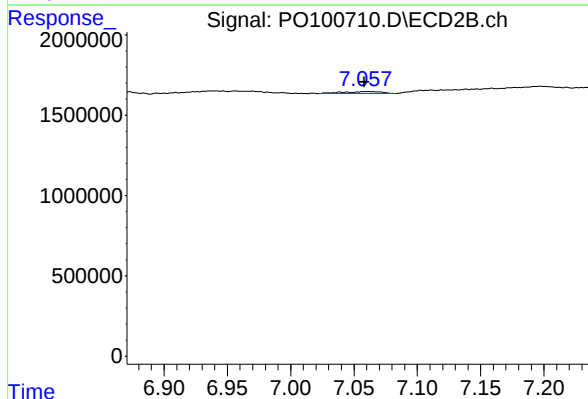
R.T.: 6.750 min
Delta R.T.: -0.009 min
Response: 809451
Conc: 12.98 ng/ml



#37 AR-1262-2

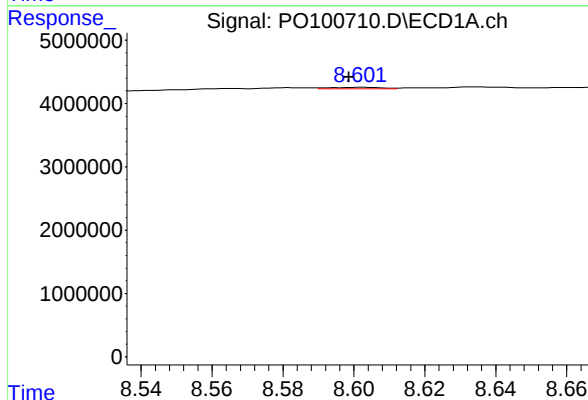
R.T.: 8.322 min
Delta R.T.: 0.034 min
Response: 7824519
Conc: 32.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



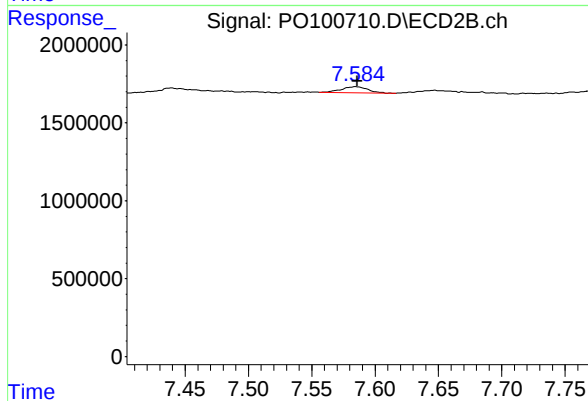
#37 AR-1262-2

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 265832
Conc: 2.35 ng/ml



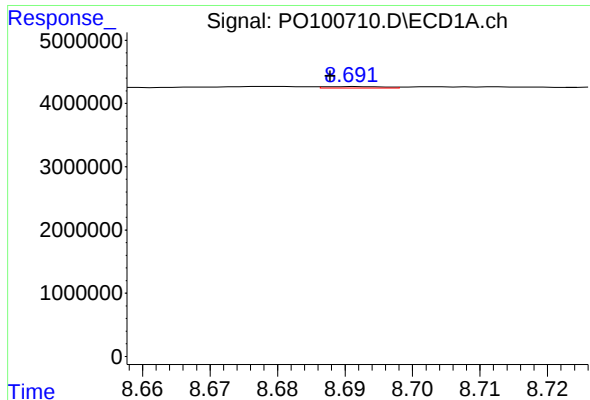
#38 AR-1262-3

R.T.: 8.602 min
Delta R.T.: 0.003 min
Response: 234762
Conc: 1.45 ng/ml



#38 AR-1262-3

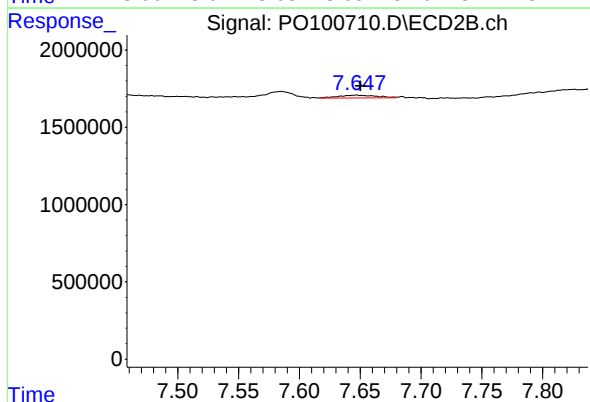
R.T.: 7.585 min
Delta R.T.: -0.001 min
Response: 557888
Conc: 7.24 ng/ml



#39 AR-1262-4

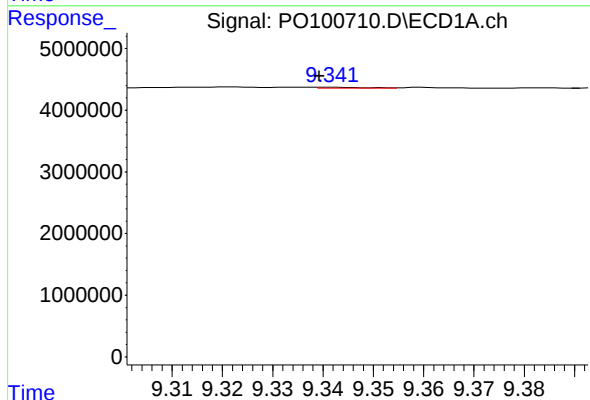
R.T.: 8.691 min
Delta R.T.: 0.003 min
Response: 134431
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



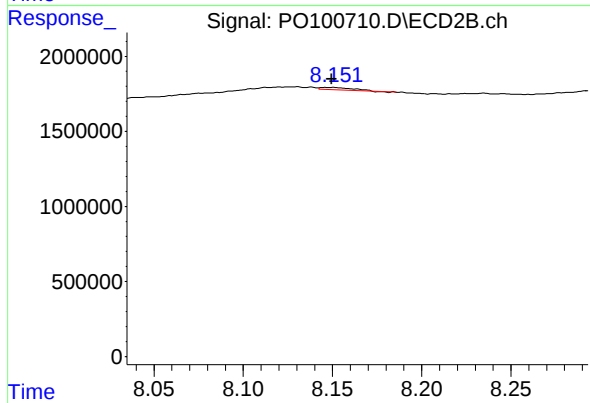
#39 AR-1262-4

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 365277
Conc: 2.47 ng/ml



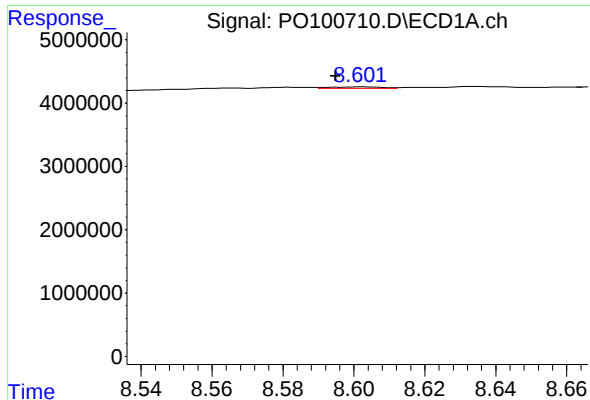
#40 AR-1262-5

R.T.: 9.342 min
Delta R.T.: 0.003 min
Response: 100007
Conc: 1.25 ng/ml



#40 AR-1262-5

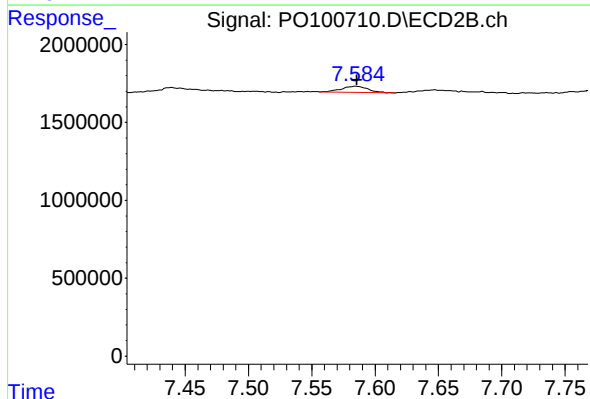
R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 181745
Conc: 2.84 ng/ml



#41 AR-1268-1

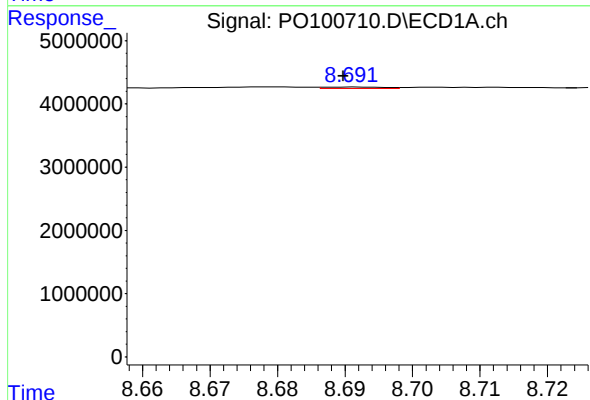
R.T.: 8.602 min
Delta R.T.: 0.007 min
Response: 234762
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



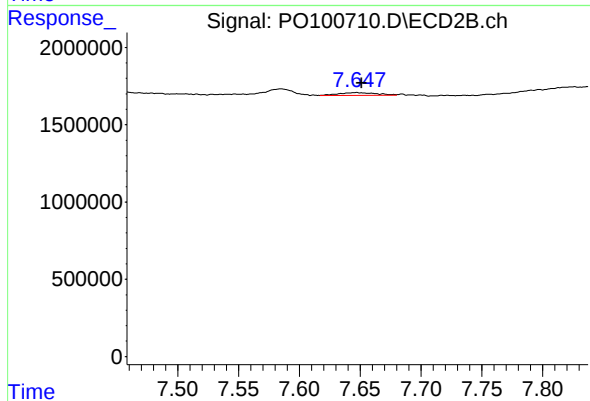
#41 AR-1268-1

R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 557888
Conc: 2.52 ng/ml



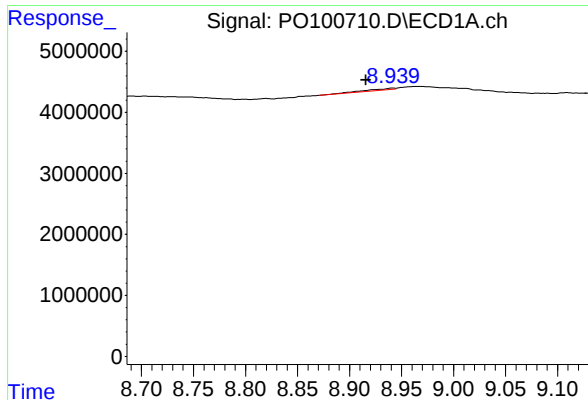
#42 AR-1268-2

R.T.: 8.691 min
Delta R.T.: 0.001 min
Response: 134431
Conc: 0.53 ng/ml



#42 AR-1268-2

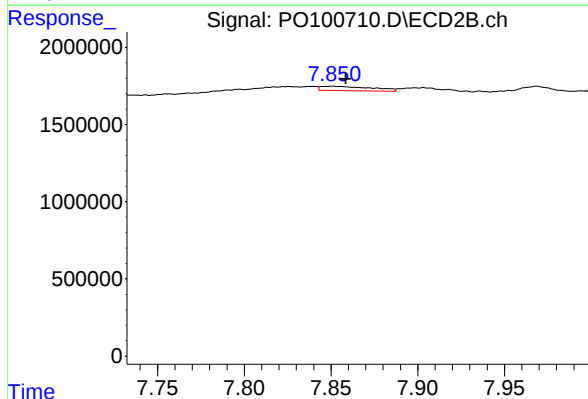
R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 365277
Conc: 1.81 ng/ml



#43 AR-1268-3

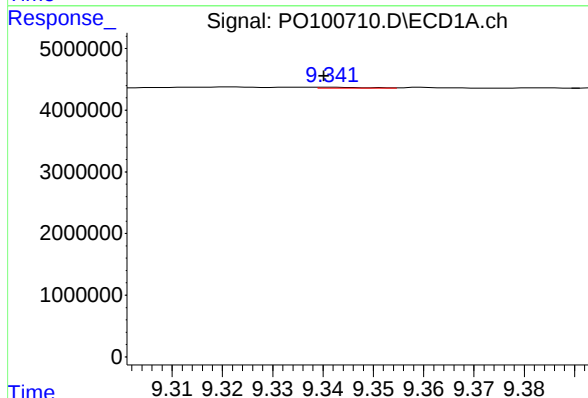
R.T.: 8.941 min
Delta R.T.: 0.025 min
Response: 484646
Conc: 2.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



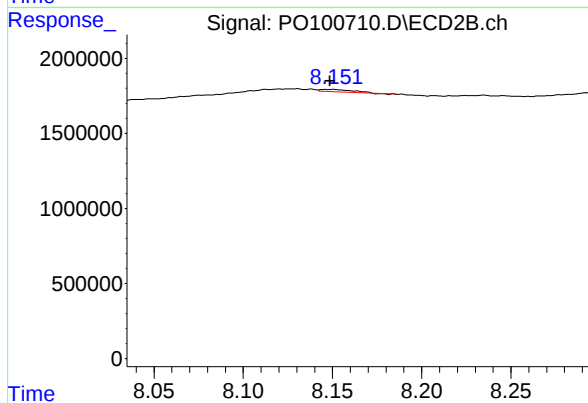
#43 AR-1268-3

R.T.: 7.850 min
Delta R.T.: -0.008 min
Response: 573246
Conc: 3.04 ng/ml



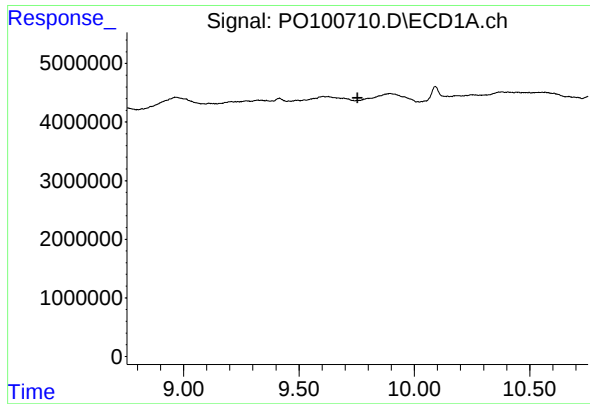
#44 AR-1268-4

R.T.: 9.342 min
Delta R.T.: 0.002 min
Response: 100007
Conc: 1.28 ng/ml



#44 AR-1268-4

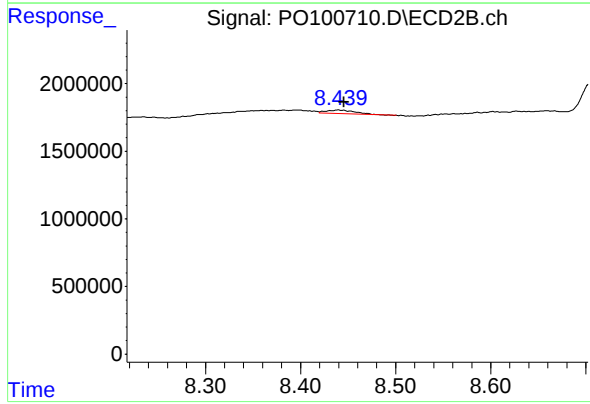
R.T.: 8.150 min
Delta R.T.: 0.001 min
Response: 181745
Conc: 2.71 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.754 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.439 min
Delta R.T.: -0.006 min
Response: 498898
Conc: 0.96 ng/ml