

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112023\
 Data File : P0099959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2023 12:15
 Operator : YP/AJ
 Sample : 05425-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 00:17:58 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...	4.487	3.714	31151785	22868278	18.216	19.360
2) SA Decachlor...	10.364	8.807	23044917	23811782	24.682	24.260
Target Compounds						
3) L1 AR-1016-1	5.682	4.834	43964	85941	0.994	3.226 #
4) L1 AR-1016-2	5.710	4.834	44657	85941	0.654	2.318 #
5) L1 AR-1016-3	5.768	5.026	136048	148401	2.977	7.516 #
6) L1 AR-1016-4	5.830	5.065	89327	48501	2.588	2.878
7) L1 AR-1016-5	6.222f	5.287	79331	31327	2.377	1.571 #
8) L2 AR-1221-1	4.697	0.000	220062	0	10.481	N.D. #
9) L2 AR-1221-2	4.798	4.016	502895	485940	32.740	45.987 #
10) L2 AR-1221-3	4.909f	4.120	65518	39802	1.455	1.306
11) L3 AR-1232-1	4.909f	4.120	65518	39802	1.774	1.553
12) L3 AR-1232-2	5.425	4.834	178569	85941	9.699	4.824 #
13) L3 AR-1232-3	5.710	5.026	44657	148401	1.415	16.189 #
14) L3 AR-1232-4	5.830	5.105	89327	106217	5.843	12.458 #
15) L3 AR-1232-5	5.955	5.287	37055	31327	2.883	3.414
16) L4 AR-1242-1	5.682	4.834	43964	85941	1.200	3.741 #
17) L4 AR-1242-2	5.710	4.834	44657	85941	0.788	2.736 #
18) L4 AR-1242-3	5.768	5.026	136048	148401	3.590	8.867 #
19) L4 AR-1242-4	5.830	5.105	89327	106217	3.115	6.147 #
20) L4 AR-1242-5	6.602	5.644	66344	42493	2.699	2.136
21) L5 AR-1248-1	5.682	4.834	43964	85941	1.636	4.912 #
22) L5 AR-1248-2	5.955	5.065	37055	48501	0.872	2.018 #
23) L5 AR-1248-3	6.222f	5.105	79331	106217	1.724	4.299 #
24) L5 AR-1248-4	6.602	5.287	66344	31327	1.599	1.110 #
25) L5 AR-1248-5	6.602	5.659	66344	120548	1.628	4.743 #
26) L6 AR-1254-1	6.535	5.644	40911	42493	0.845	1.026
27) L6 AR-1254-2	6.761	5.797	52575	84648	0.745	2.229 #
28) L6 AR-1254-3	7.128	6.188	310778	160849	4.578	2.488 #
29) L6 AR-1254-4	7.433	6.426	46633	122982	1.176	3.589 #
30) L6 AR-1254-5	7.848	6.876	93650	337331	1.907	5.500 #
31) L7 AR-1260-1	7.311	6.332	36599	18811	0.656	0.391 #
32) L7 AR-1260-2	7.569	6.492	103327	217527	1.713	3.836 #
33) L7 AR-1260-3	7.916	6.675	54795	-28956	1.311	N.D. #
34) L7 AR-1260-4	8.171	7.209f	110488	96208	2.244	2.183
35) L7 AR-1260-5	8.486	0.000	34645	0	0.413	N.D. #
36) L8 AR-1262-1	7.848	6.876	93650	337331	2.090	10.367 #
37) L8 AR-1262-2	8.486	7.209f	34645	96208	0.336	1.472 #
38) L8 AR-1262-3	8.805	7.696	71917	61320	0.980	1.193
39) L8 AR-1262-4	8.897	7.734	27807	39648	0.480	0.445
40) L8 AR-1262-5	9.588	8.264	36177	40272	1.105	1.033
41) L9 AR-1268-1	8.805	7.696	71917	61320	0.541	0.429

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112023\
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 00:17:58 2023
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 QLast Update : Tue Nov 14 04:21:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

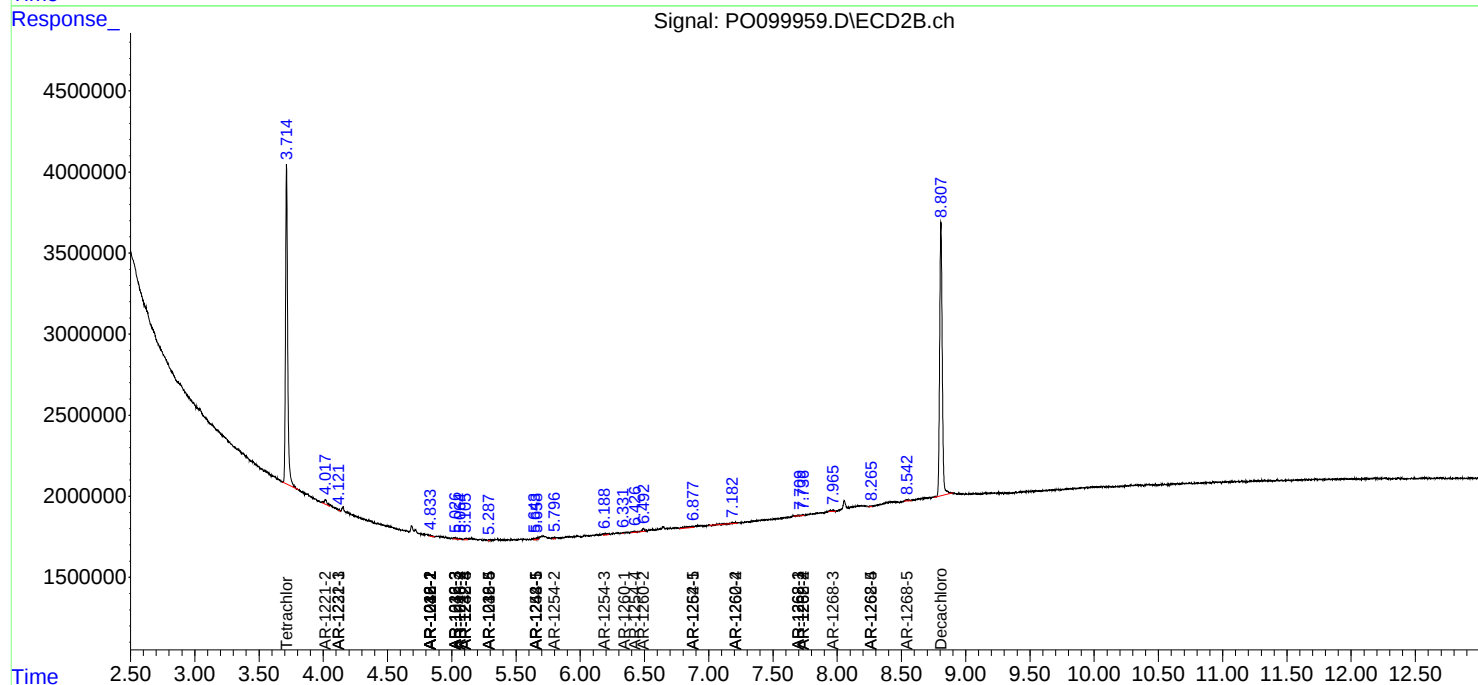
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

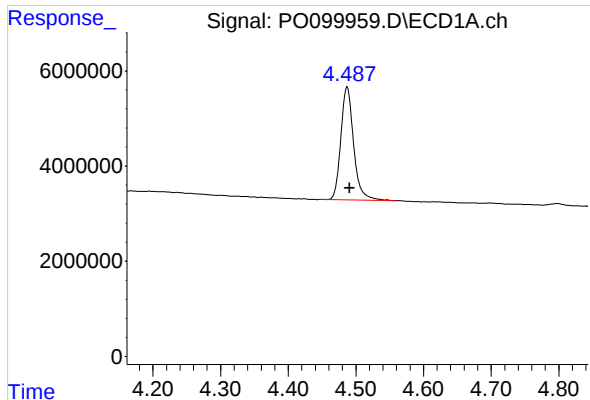
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.897	7.734	27807	39648	0.242	0.304 #
43) L9	AR-1268-3	9.139	7.965	32812	155960	0.301	1.282 #
44) L9	AR-1268-4	9.588	8.264	36177	40272	1.036	0.934
45) L9	AR-1268-5	10.023	8.542	55660	144667	0.174	0.416 #

(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

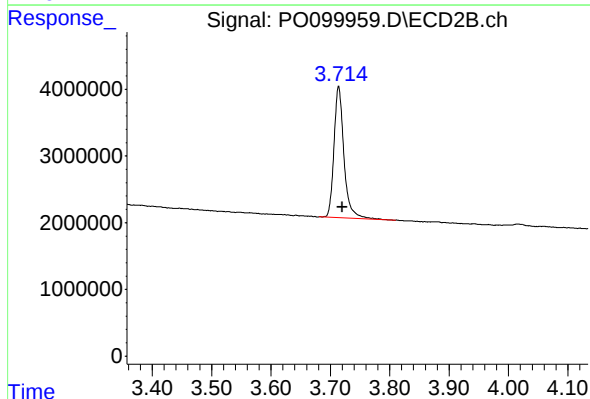




#1 Tetrachloro-m-xylene

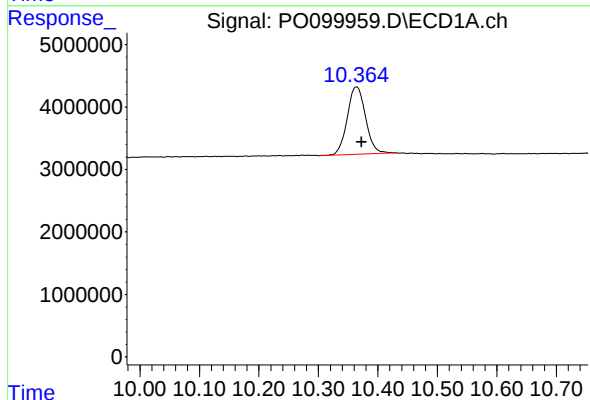
R.T.: 4.487 min
Delta R.T.: -0.004 min
Response: 31151785
Conc: 18.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



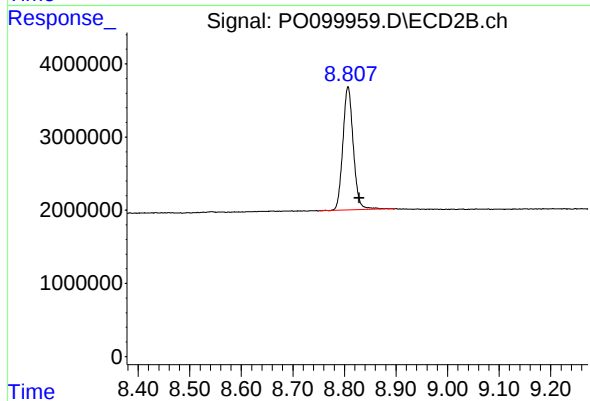
#1 Tetrachloro-m-xylene

R.T.: 3.714 min
Delta R.T.: -0.006 min
Response: 22868278
Conc: 19.36 ng/ml



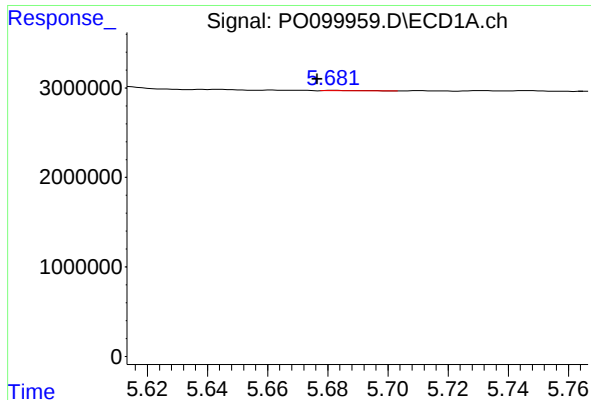
#2 Decachlorobiphenyl

R.T.: 10.364 min
Delta R.T.: -0.009 min
Response: 23044917
Conc: 24.68 ng/ml



#2 Decachlorobiphenyl

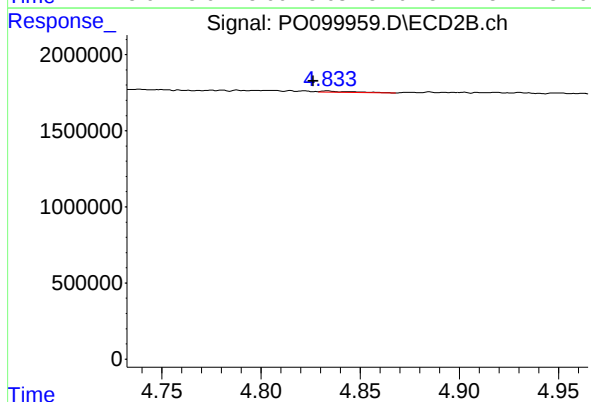
R.T.: 8.807 min
Delta R.T.: -0.022 min
Response: 23811782
Conc: 24.26 ng/ml



#3 AR-1016-1

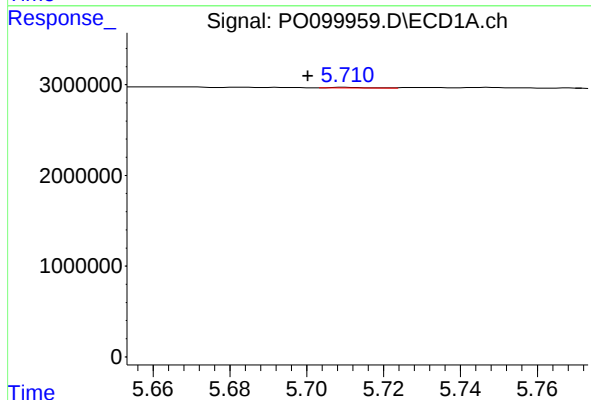
R.T.: 5.682 min
Delta R.T.: 0.006 min
Response: 43964
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



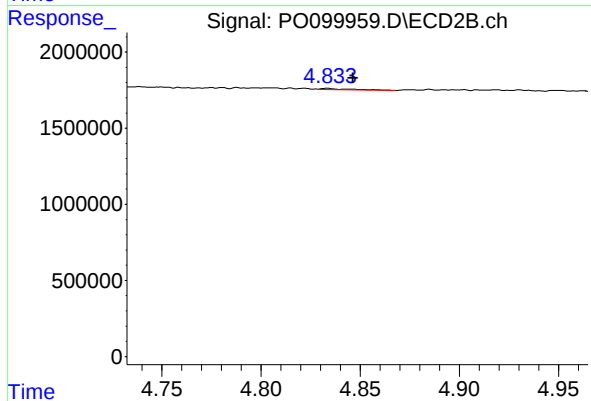
#3 AR-1016-1

R.T.: 4.834 min
Delta R.T.: 0.007 min
Response: 85941
Conc: 3.23 ng/ml



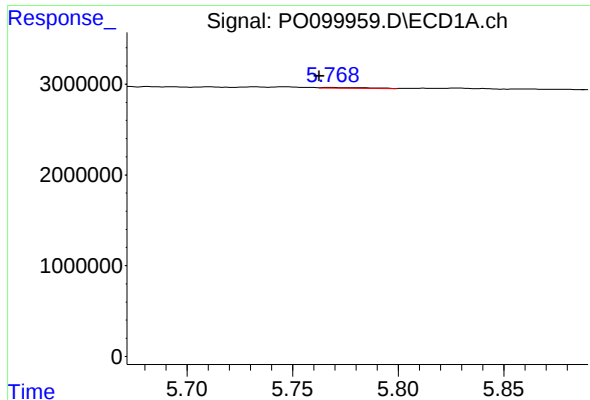
#4 AR-1016-2

R.T.: 5.710 min
Delta R.T.: 0.010 min
Response: 44657
Conc: 0.65 ng/ml



#4 AR-1016-2

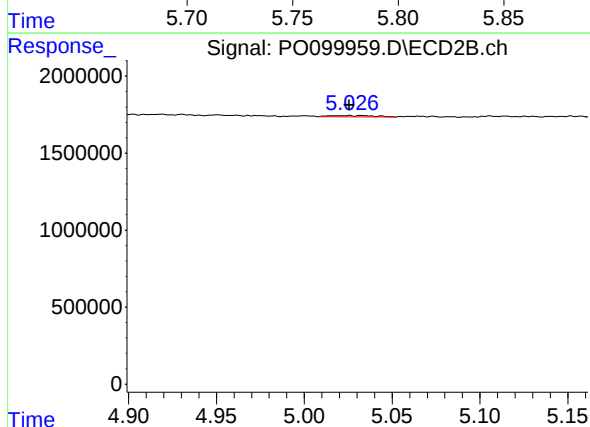
R.T.: 4.834 min
Delta R.T.: -0.013 min
Response: 85941
Conc: 2.32 ng/ml



#5 AR-1016-3

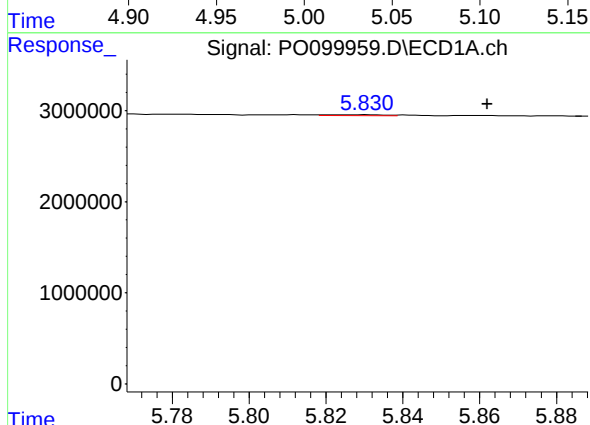
R.T.: 5.768 min
Delta R.T.: 0.006 min
Response: 136048
Conc: 2.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



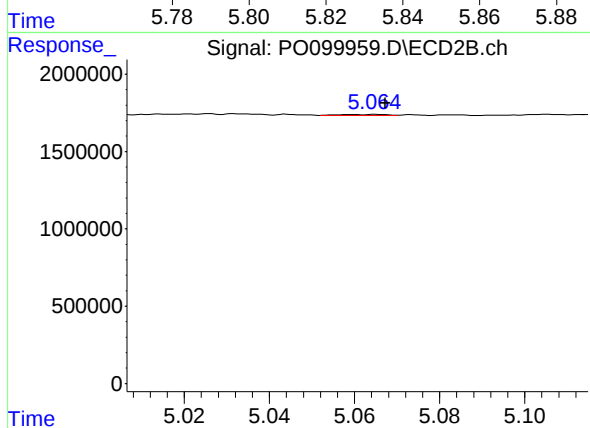
#5 AR-1016-3

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 148401
Conc: 7.52 ng/ml



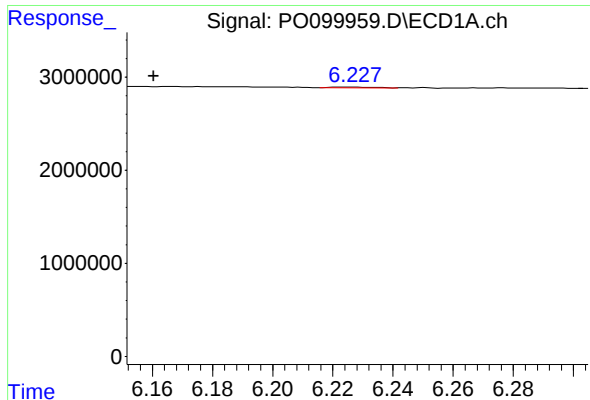
#6 AR-1016-4

R.T.: 5.830 min
Delta R.T.: -0.032 min
Response: 89327
Conc: 2.59 ng/ml



#6 AR-1016-4

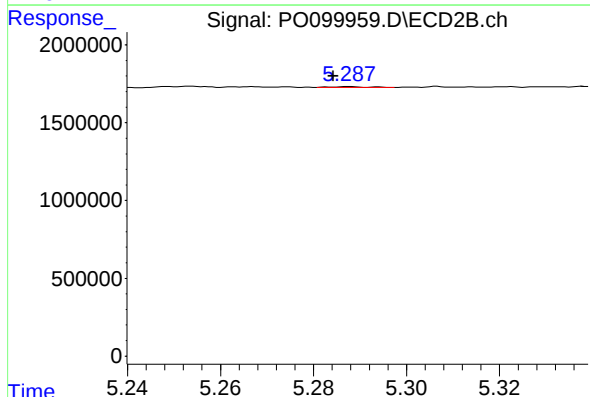
R.T.: 5.065 min
Delta R.T.: -0.002 min
Response: 48501
Conc: 2.88 ng/ml



#7 AR-1016-5

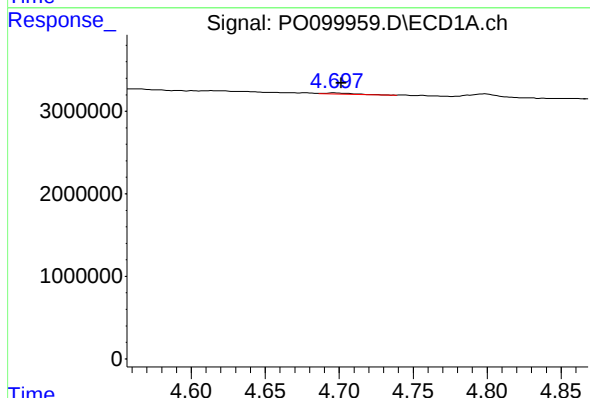
R.T.: 6.222 min
Delta R.T.: 0.062 min
Response: 79331
Conc: 2.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



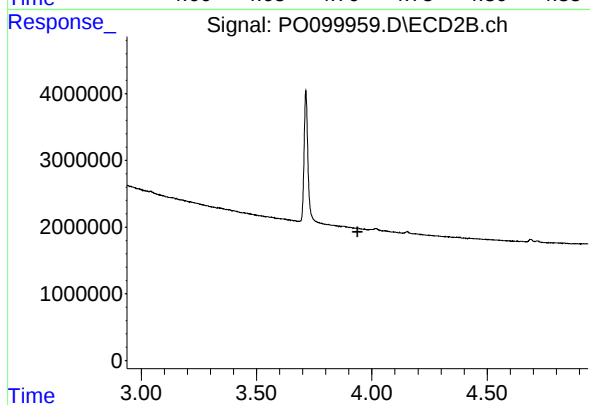
#7 AR-1016-5

R.T.: 5.287 min
Delta R.T.: 0.003 min
Response: 31327
Conc: 1.57 ng/ml



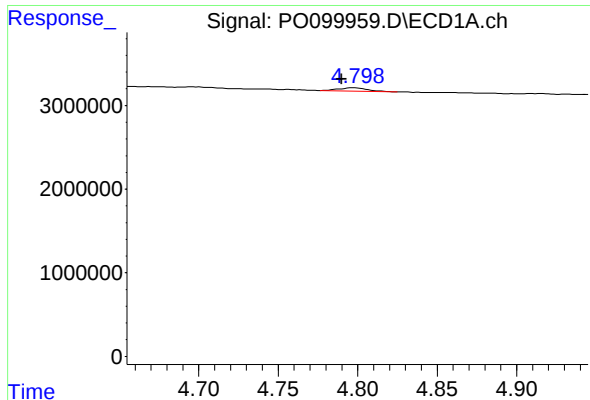
#8 AR-1221-1

R.T.: 4.697 min
Delta R.T.: -0.005 min
Response: 220062
Conc: 10.48 ng/ml



#8 AR-1221-1

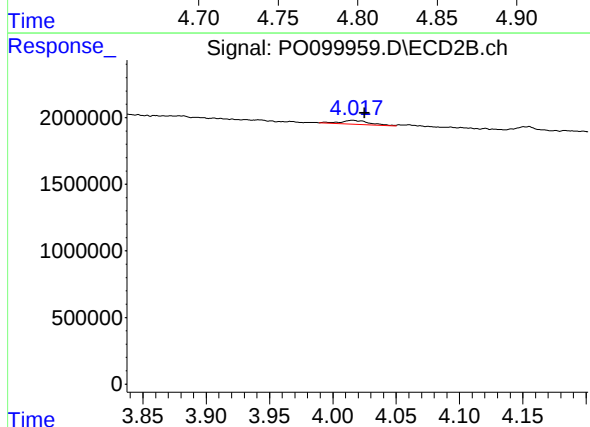
R.T.: 0.000 min
Exp R.T.: 3.938 min
Response: 0
Conc: N.D.



#9 AR-1221-2

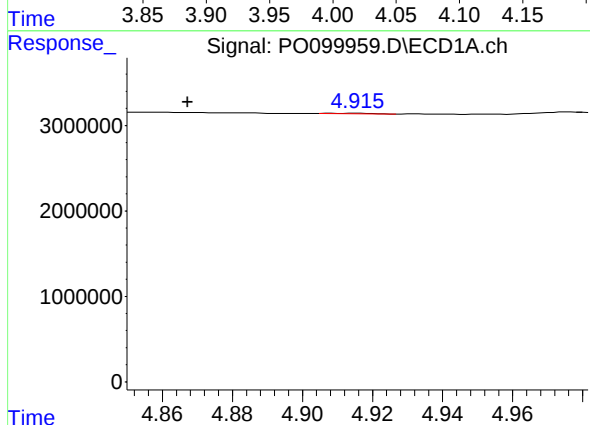
R.T.: 4.798 min
Delta R.T.: 0.008 min
Response: 502895
Conc: 32.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



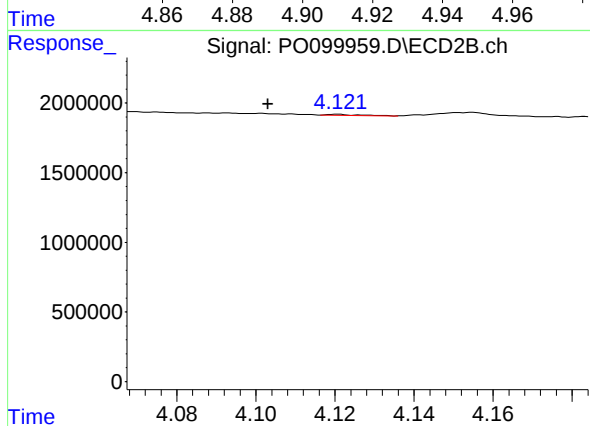
#9 AR-1221-2

R.T.: 4.016 min
Delta R.T.: -0.009 min
Response: 485940
Conc: 45.99 ng/ml



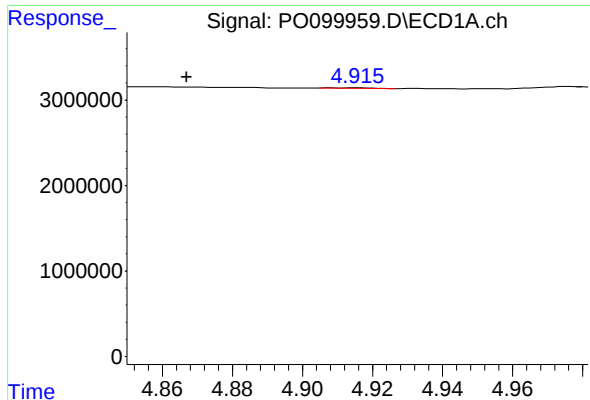
#10 AR-1221-3

R.T.: 4.909 min
Delta R.T.: 0.042 min
Response: 65518
Conc: 1.45 ng/ml



#10 AR-1221-3

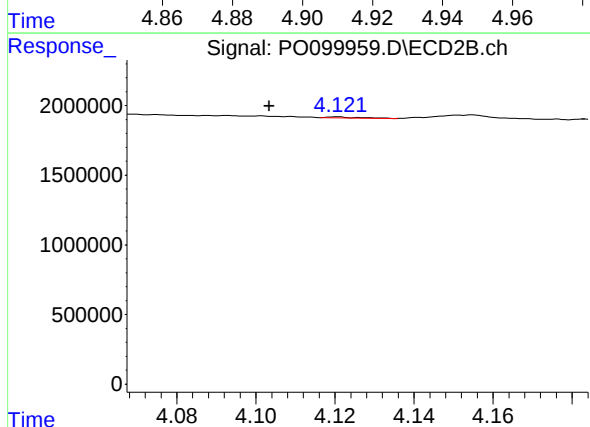
R.T.: 4.120 min
Delta R.T.: 0.017 min
Response: 39802
Conc: 1.31 ng/ml



#11 AR-1232-1

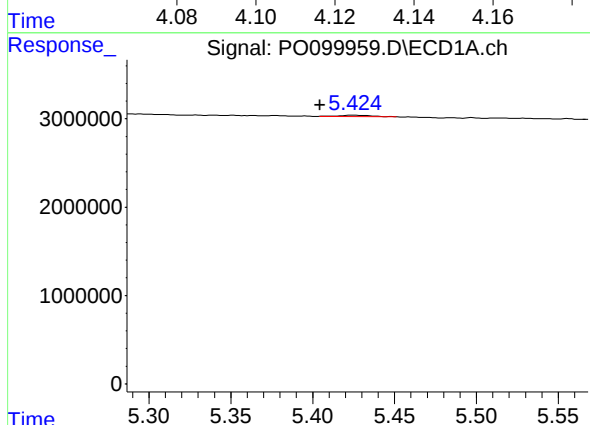
R.T.: 4.909 min
Delta R.T.: 0.042 min
Response: 65518
Conc: 1.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



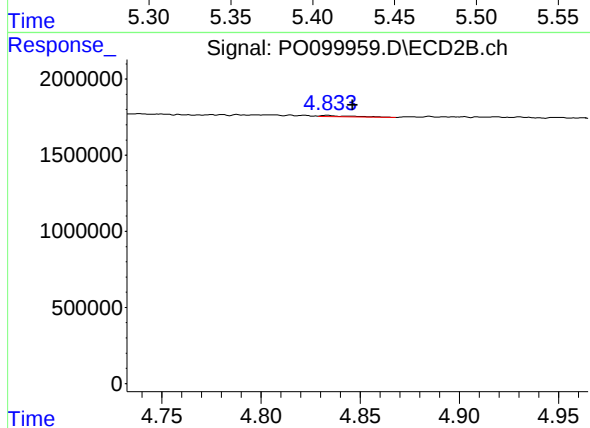
#11 AR-1232-1

R.T.: 4.120 min
Delta R.T.: 0.017 min
Response: 39802
Conc: 1.55 ng/ml



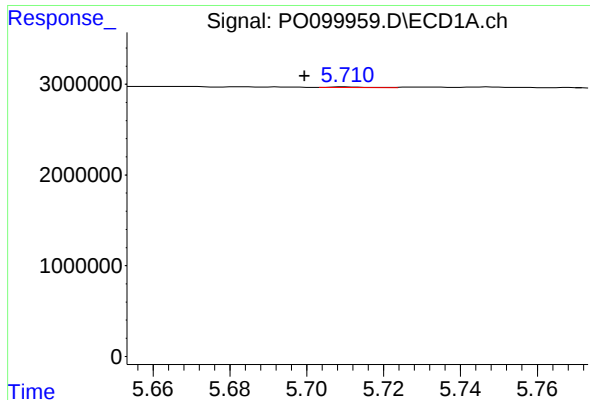
#12 AR-1232-2

R.T.: 5.425 min
Delta R.T.: 0.020 min
Response: 178569
Conc: 9.70 ng/ml



#12 AR-1232-2

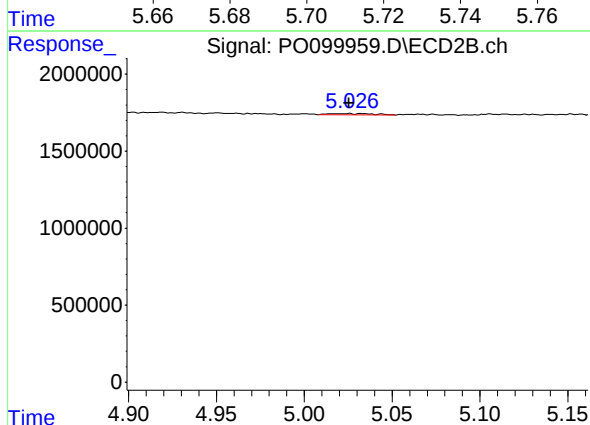
R.T.: 4.834 min
Delta R.T.: -0.013 min
Response: 85941
Conc: 4.82 ng/ml



#13 AR-1232-3

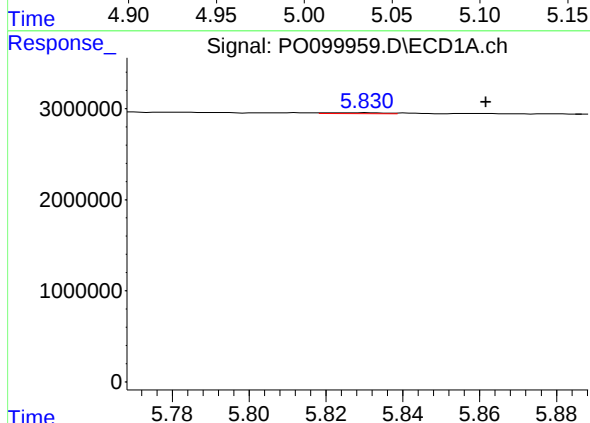
R.T.: 5.710 min
Delta R.T.: 0.011 min
Response: 44657
Conc: 1.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



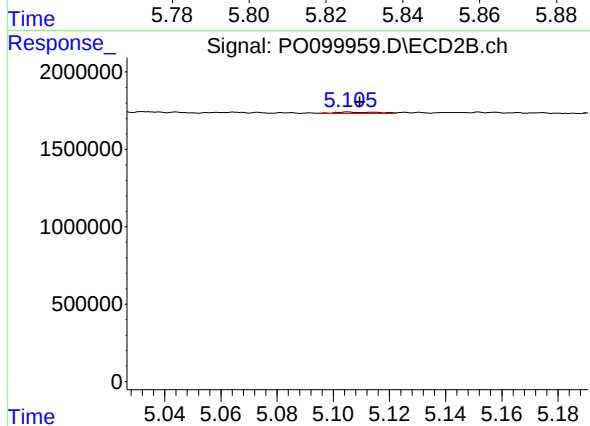
#13 AR-1232-3

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 148401
Conc: 16.19 ng/ml



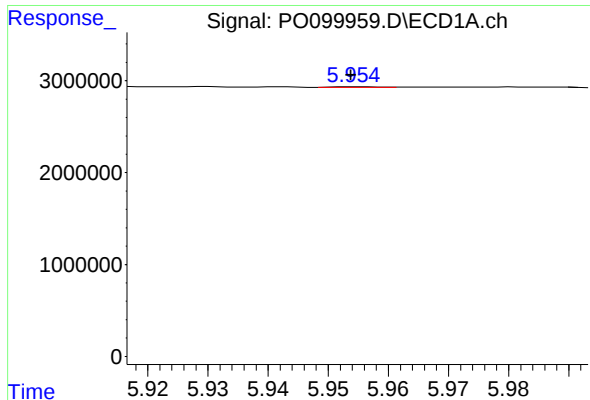
#14 AR-1232-4

R.T.: 5.830 min
Delta R.T.: -0.032 min
Response: 89327
Conc: 5.84 ng/ml



#14 AR-1232-4

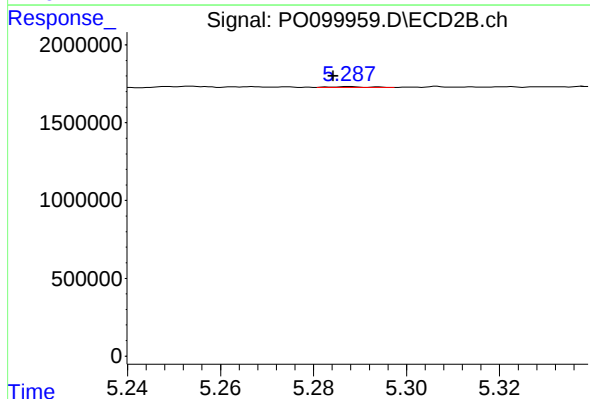
R.T.: 5.105 min
Delta R.T.: -0.004 min
Response: 106217
Conc: 12.46 ng/ml



#15 AR-1232-5

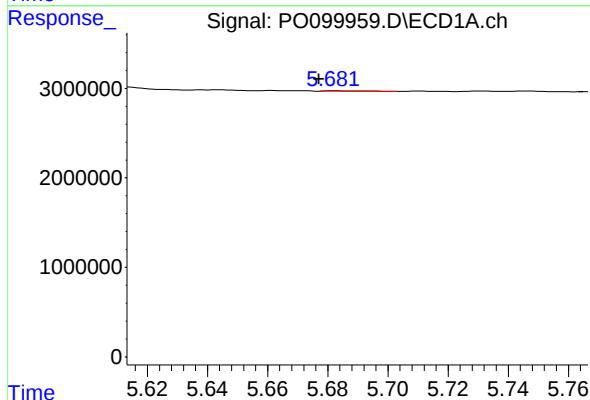
R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 37055
Conc: 2.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



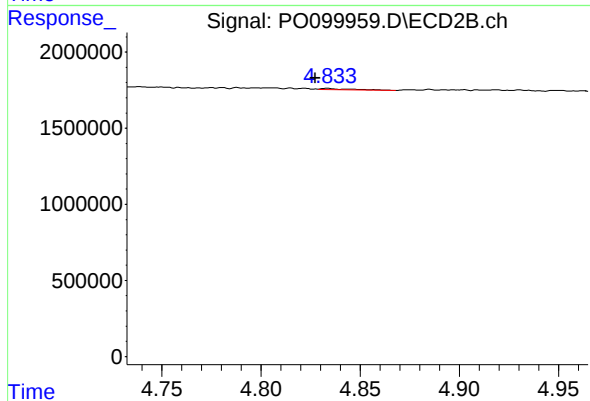
#15 AR-1232-5

R.T.: 5.287 min
Delta R.T.: 0.003 min
Response: 31327
Conc: 3.41 ng/ml



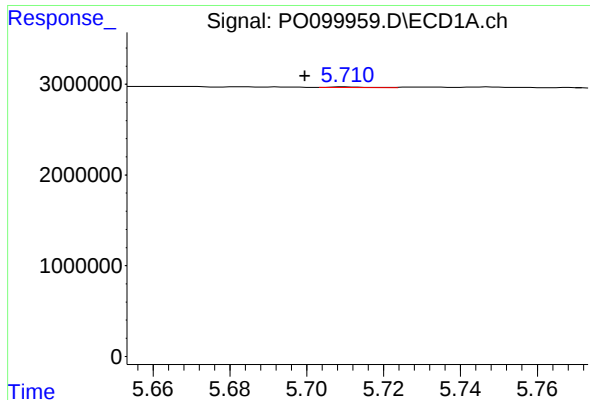
#16 AR-1242-1

R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 43964
Conc: 1.20 ng/ml



#16 AR-1242-1

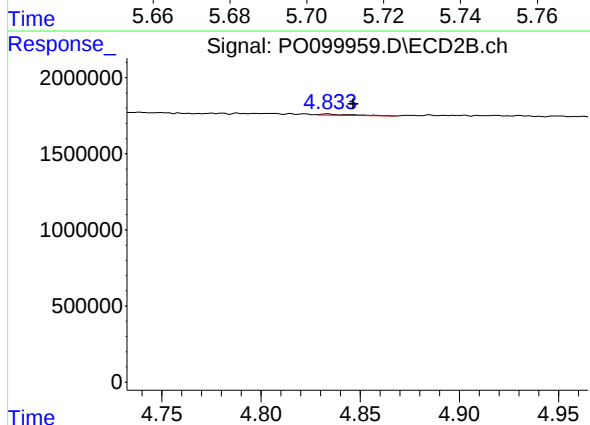
R.T.: 4.834 min
Delta R.T.: 0.006 min
Response: 85941
Conc: 3.74 ng/ml



#17 AR-1242-2

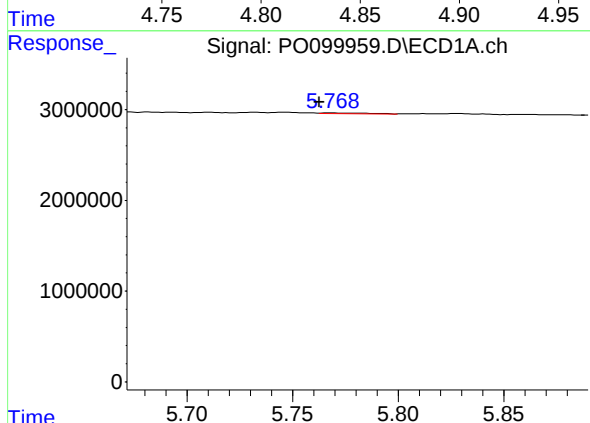
R.T.: 5.710 min
Delta R.T.: 0.011 min
Response: 44657
Conc: 0.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



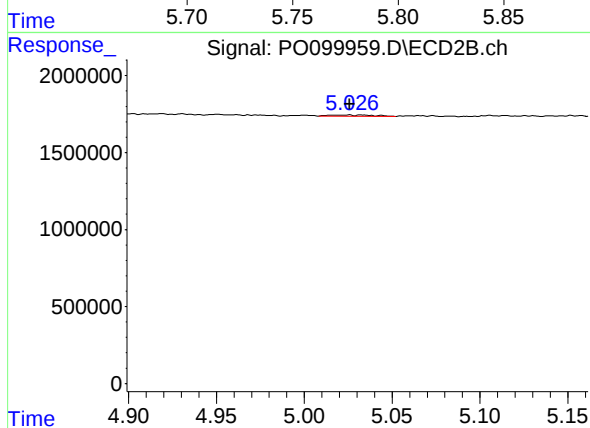
#17 AR-1242-2

R.T.: 4.834 min
Delta R.T.: -0.013 min
Response: 85941
Conc: 2.74 ng/ml



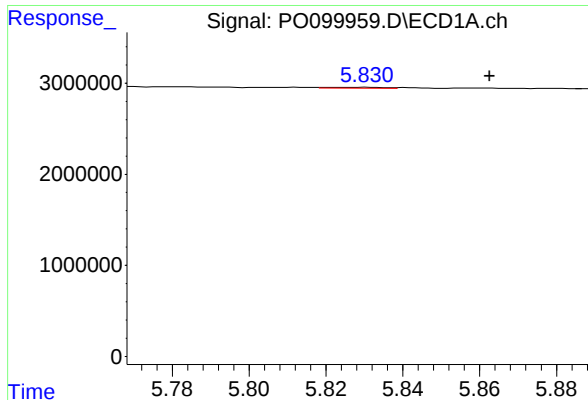
#18 AR-1242-3

R.T.: 5.768 min
Delta R.T.: 0.005 min
Response: 136048
Conc: 3.59 ng/ml



#18 AR-1242-3

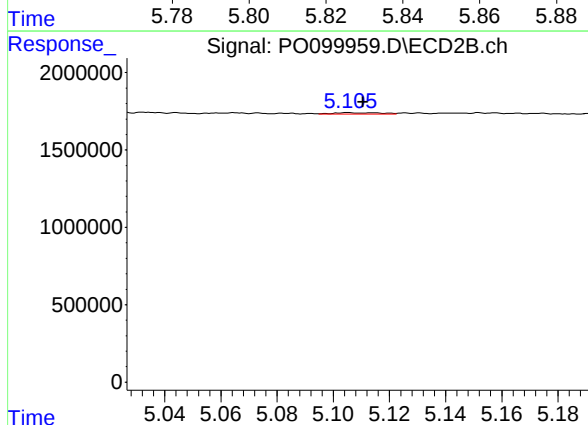
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 148401
Conc: 8.87 ng/ml



#19 AR-1242-4

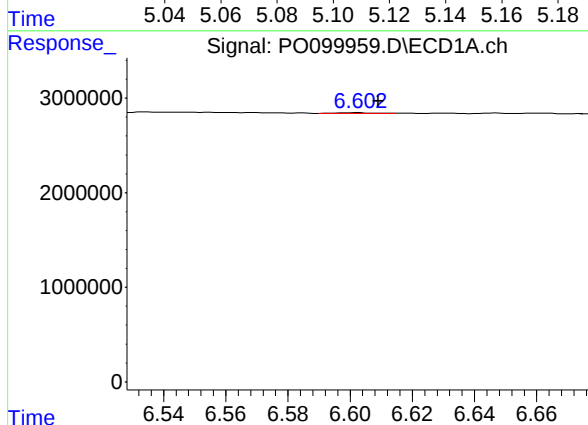
R.T.: 5.830 min
Delta R.T.: -0.033 min
Response: 89327
Conc: 3.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



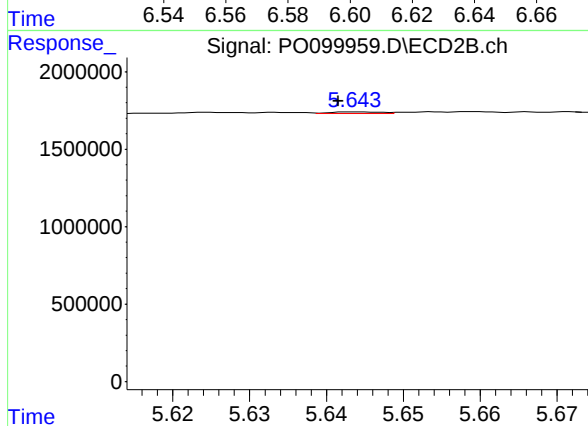
#19 AR-1242-4

R.T.: 5.105 min
Delta R.T.: -0.005 min
Response: 106217
Conc: 6.15 ng/ml



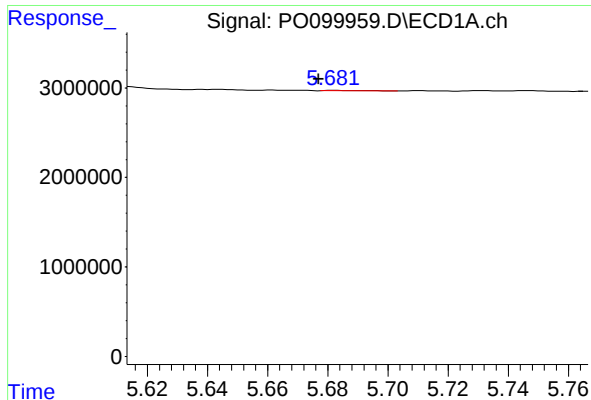
#20 AR-1242-5

R.T.: 6.602 min
Delta R.T.: -0.007 min
Response: 66344
Conc: 2.70 ng/ml



#20 AR-1242-5

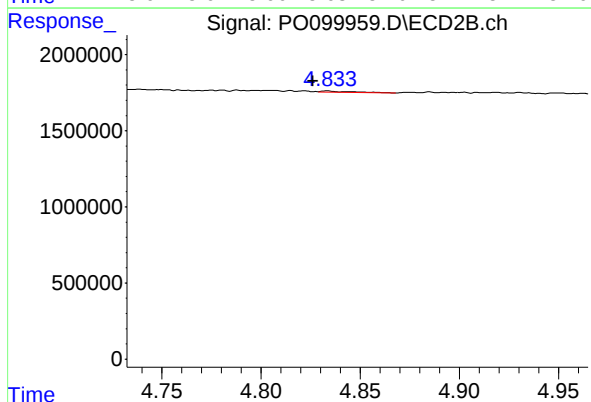
R.T.: 5.644 min
Delta R.T.: 0.003 min
Response: 42493
Conc: 2.14 ng/ml



#21 AR-1248-1

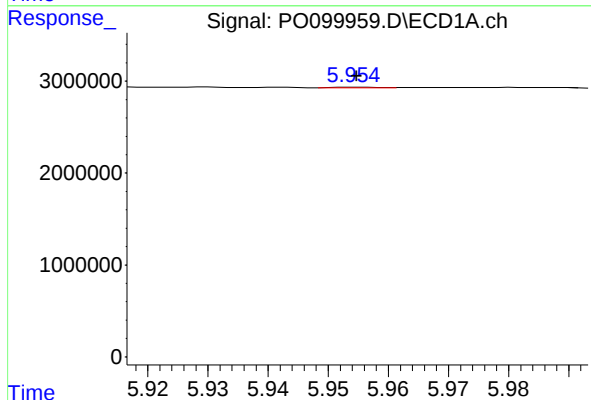
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 43964
Conc: 1.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



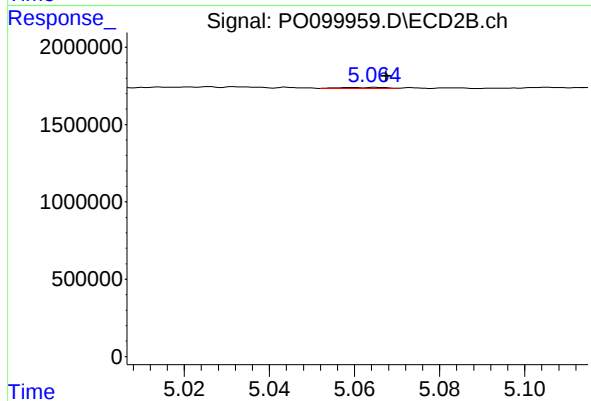
#21 AR-1248-1

R.T.: 4.834 min
Delta R.T.: 0.007 min
Response: 85941
Conc: 4.91 ng/ml



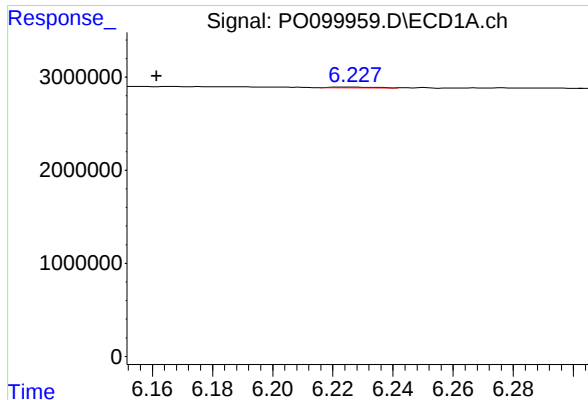
#22 AR-1248-2

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 37055
Conc: 0.87 ng/ml



#22 AR-1248-2

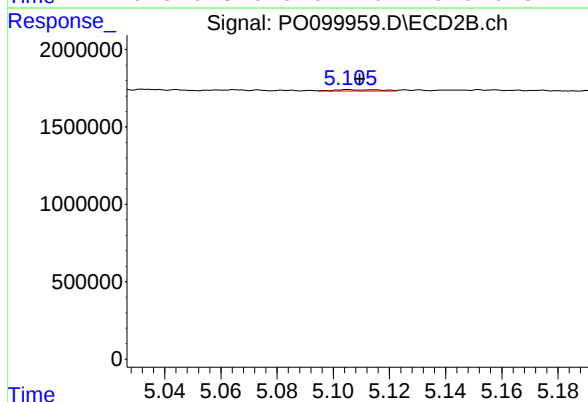
R.T.: 5.065 min
Delta R.T.: -0.002 min
Response: 48501
Conc: 2.02 ng/ml



#23 AR-1248-3

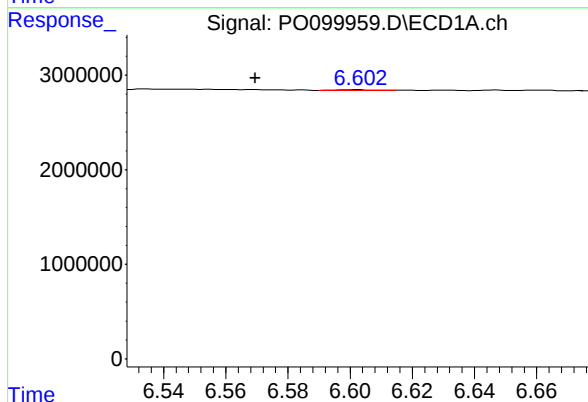
R.T.: 6.222 min
Delta R.T.: 0.061 min
Response: 79331
Conc: 1.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



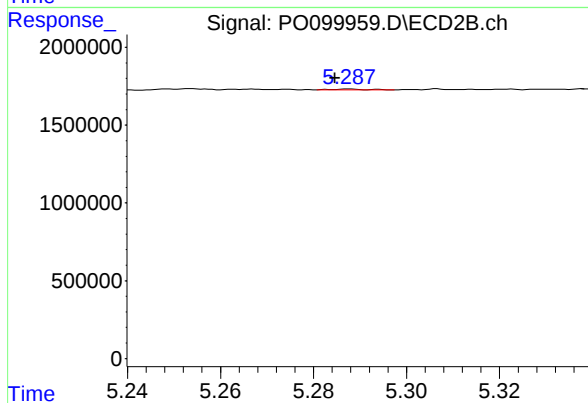
#23 AR-1248-3

R.T.: 5.105 min
Delta R.T.: -0.004 min
Response: 106217
Conc: 4.30 ng/ml



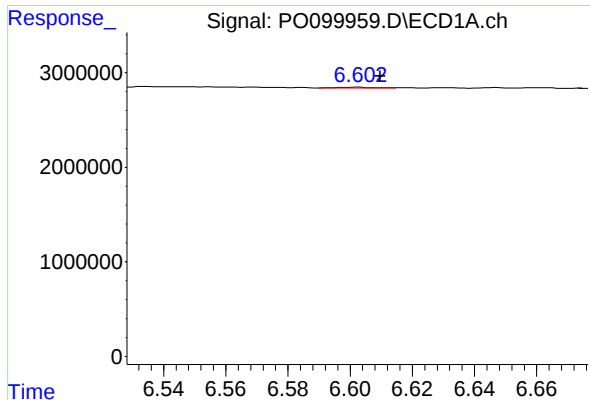
#24 AR-1248-4

R.T.: 6.602 min
Delta R.T.: 0.033 min
Response: 66344
Conc: 1.60 ng/ml



#24 AR-1248-4

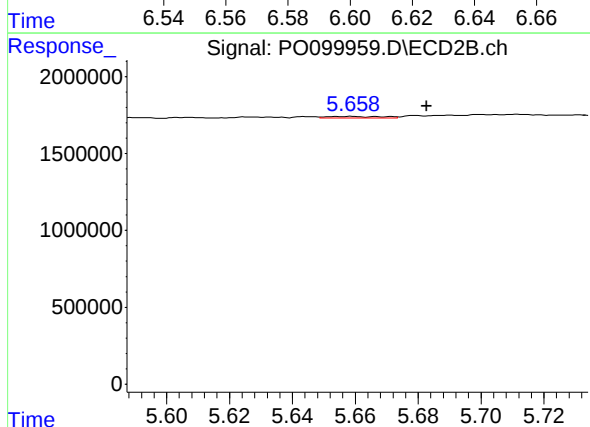
R.T.: 5.287 min
Delta R.T.: 0.003 min
Response: 31327
Conc: 1.11 ng/ml



#25 AR-1248-5

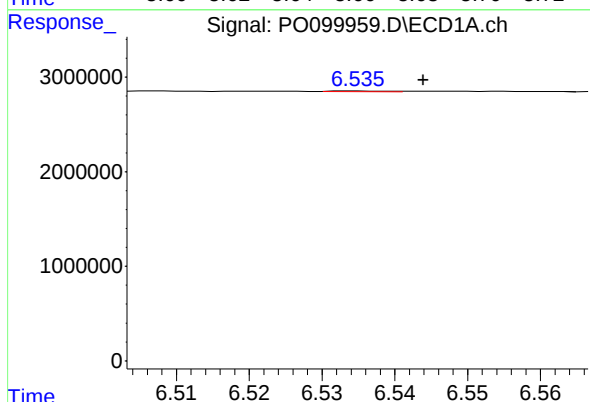
R.T.: 6.602 min
Delta R.T.: -0.007 min
Response: 66344
Conc: 1.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



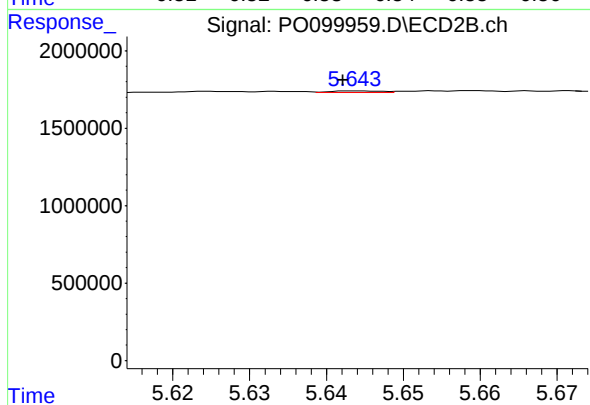
#25 AR-1248-5

R.T.: 5.659 min
Delta R.T.: -0.024 min
Response: 120548
Conc: 4.74 ng/ml



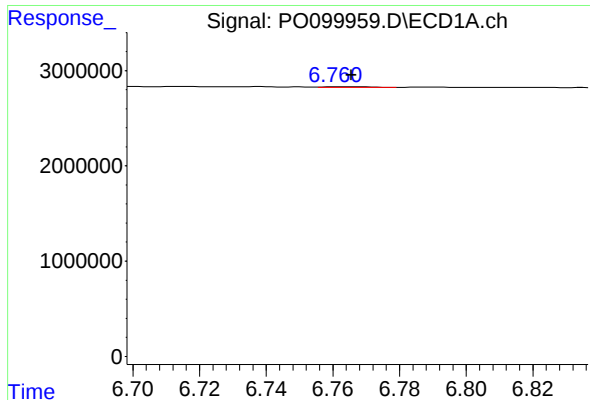
#26 AR-1254-1

R.T.: 6.535 min
Delta R.T.: -0.009 min
Response: 40911
Conc: 0.84 ng/ml



#26 AR-1254-1

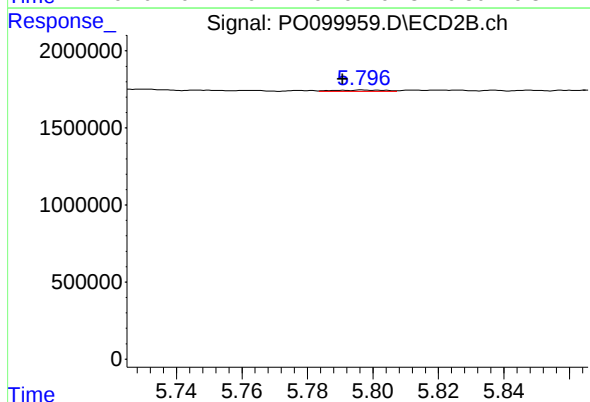
R.T.: 5.644 min
Delta R.T.: 0.002 min
Response: 42493
Conc: 1.03 ng/ml



#27 AR-1254-2

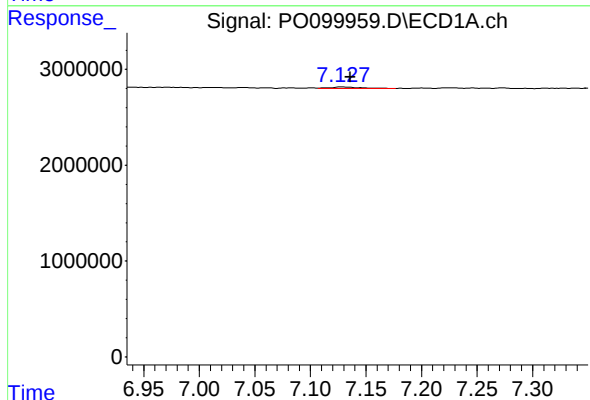
R.T.: 6.761 min
Delta R.T.: -0.005 min
Response: 52575
Conc: 0.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



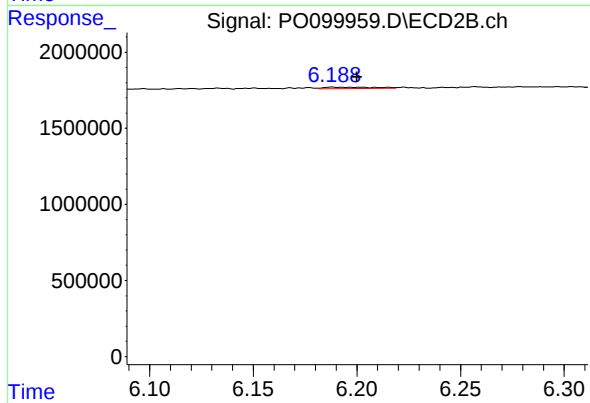
#27 AR-1254-2

R.T.: 5.797 min
Delta R.T.: 0.006 min
Response: 84648
Conc: 2.23 ng/ml



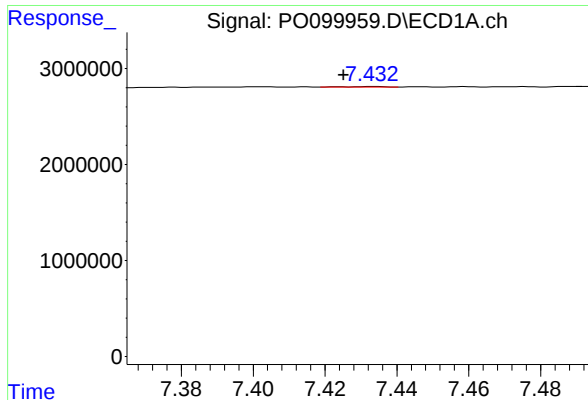
#28 AR-1254-3

R.T.: 7.128 min
Delta R.T.: -0.008 min
Response: 310778
Conc: 4.58 ng/ml



#28 AR-1254-3

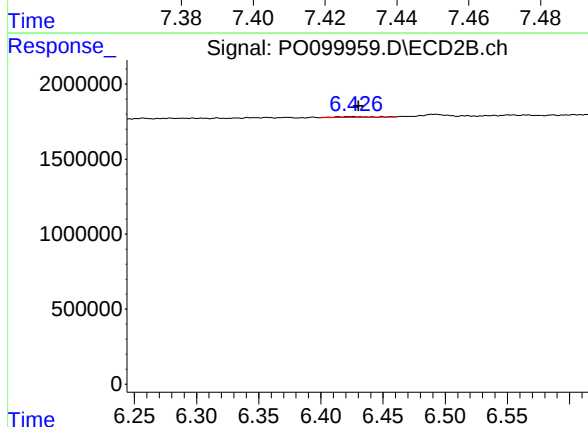
R.T.: 6.188 min
Delta R.T.: -0.011 min
Response: 160849
Conc: 2.49 ng/ml



#29 AR-1254-4

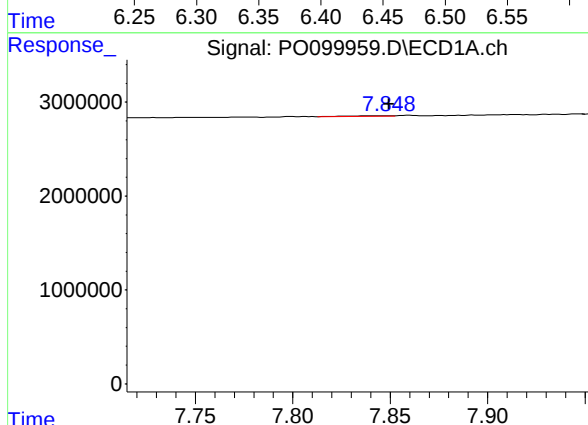
R.T.: 7.433 min
Delta R.T.: 0.008 min
Response: 46633
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



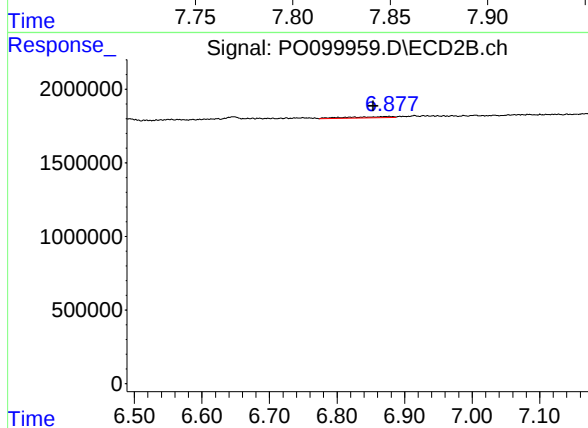
#29 AR-1254-4

R.T.: 6.426 min
Delta R.T.: -0.004 min
Response: 122982
Conc: 3.59 ng/ml



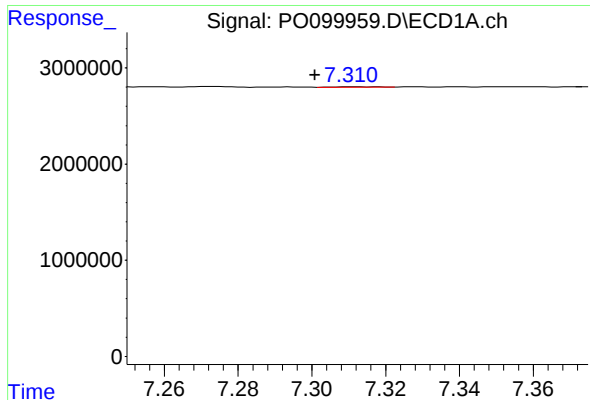
#30 AR-1254-5

R.T.: 7.848 min
Delta R.T.: -0.002 min
Response: 93650
Conc: 1.91 ng/ml



#30 AR-1254-5

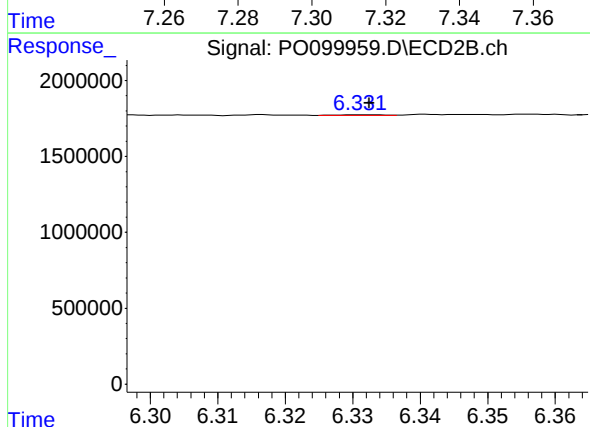
R.T.: 6.876 min
Delta R.T.: 0.023 min
Response: 337331
Conc: 5.50 ng/ml



#31 AR-1260-1

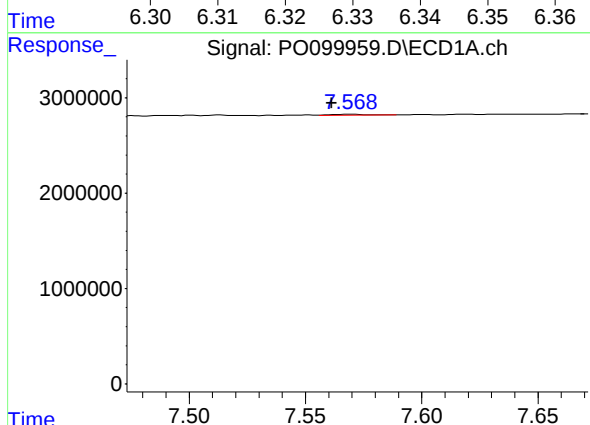
R.T.: 7.311 min
Delta R.T.: 0.010 min
Response: 36599
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



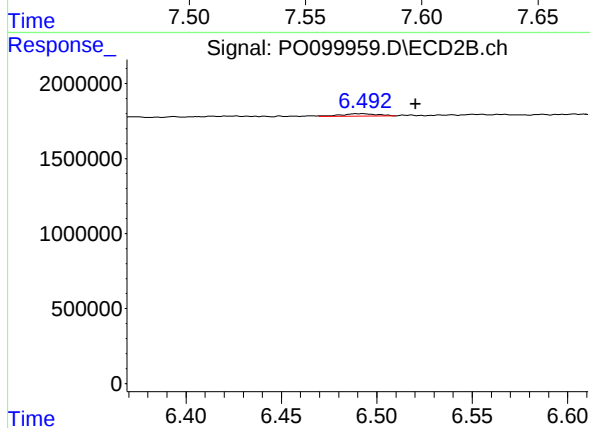
#31 AR-1260-1

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 18811
Conc: 0.39 ng/ml



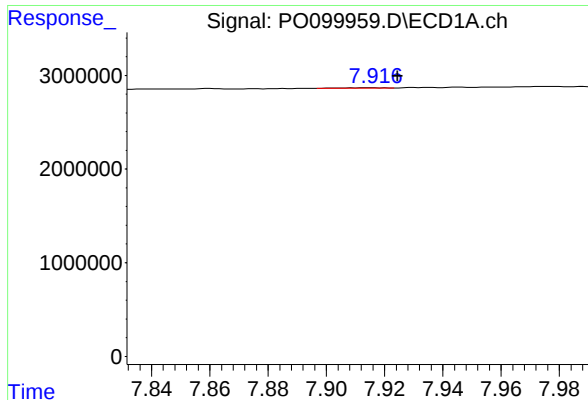
#32 AR-1260-2

R.T.: 7.569 min
Delta R.T.: 0.008 min
Response: 103327
Conc: 1.71 ng/ml



#32 AR-1260-2

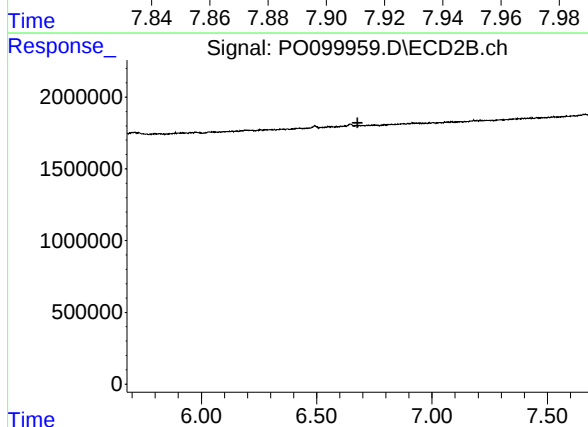
R.T.: 6.492 min
Delta R.T.: -0.028 min
Response: 217527
Conc: 3.84 ng/ml



#33 AR-1260-3

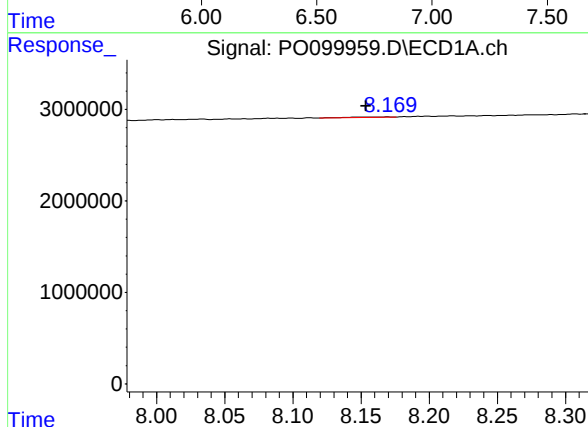
R.T.: 7.916 min
Delta R.T.: -0.008 min
Response: 54795
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



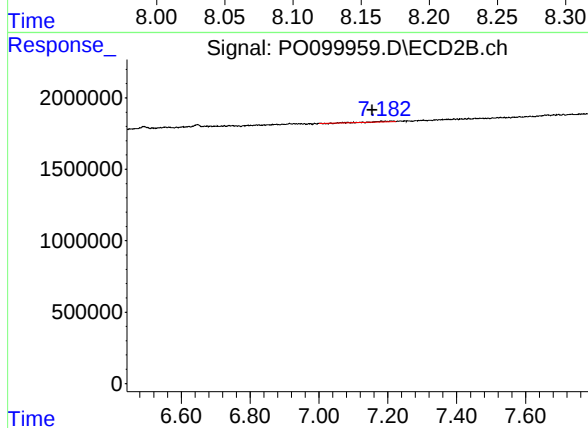
#33 AR-1260-3

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: -28956
Conc: N.D.



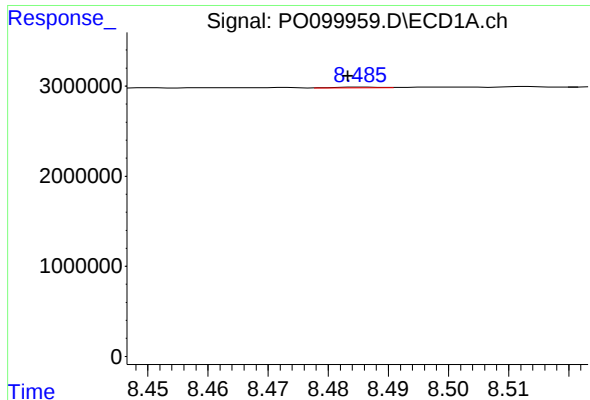
#34 AR-1260-4

R.T.: 8.171 min
Delta R.T.: 0.017 min
Response: 110488
Conc: 2.24 ng/ml



#34 AR-1260-4

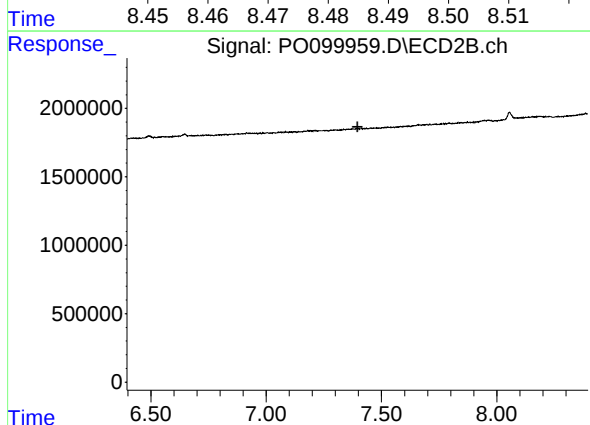
R.T.: 7.209 min
Delta R.T.: 0.054 min
Response: 96208
Conc: 2.18 ng/ml



#35 AR-1260-5

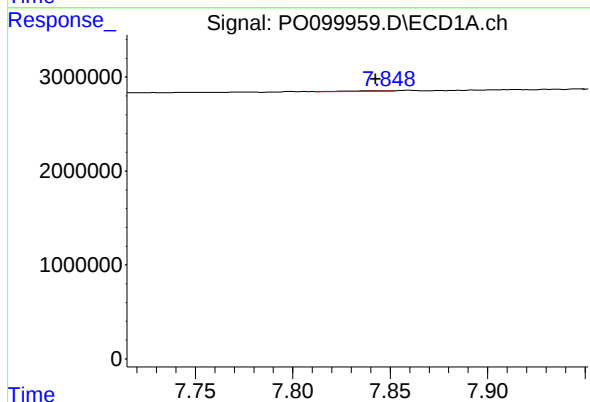
R.T.: 8.486 min
Delta R.T.: 0.002 min
Response: 34645
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



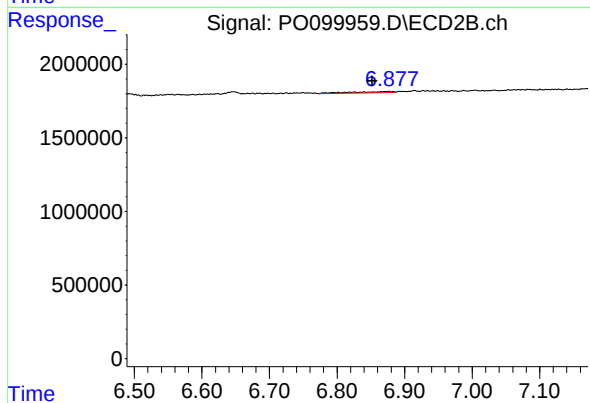
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.396 min
Response: 0
Conc: N.D.



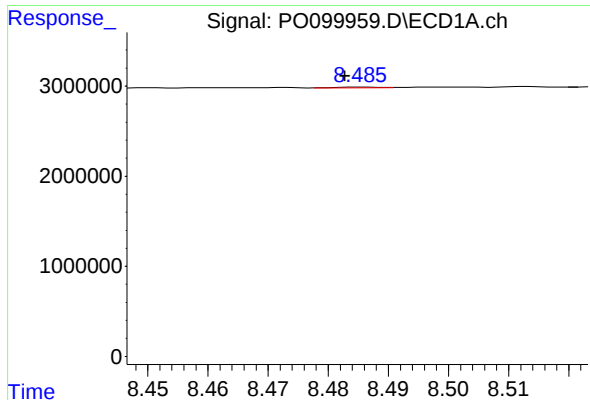
#36 AR-1262-1

R.T.: 7.848 min
Delta R.T.: 0.005 min
Response: 93650
Conc: 2.09 ng/ml



#36 AR-1262-1

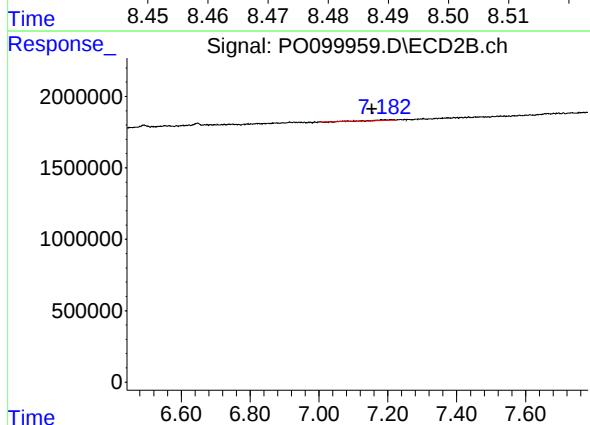
R.T.: 6.876 min
Delta R.T.: 0.024 min
Response: 337331
Conc: 10.37 ng/ml



#37 AR-1262-2

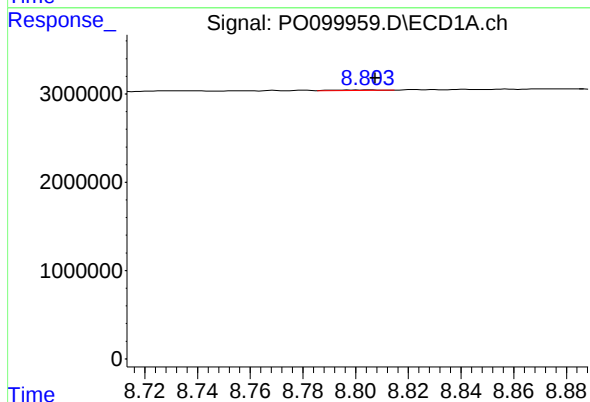
R.T.: 8.486 min
Delta R.T.: 0.003 min
Response: 34645
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



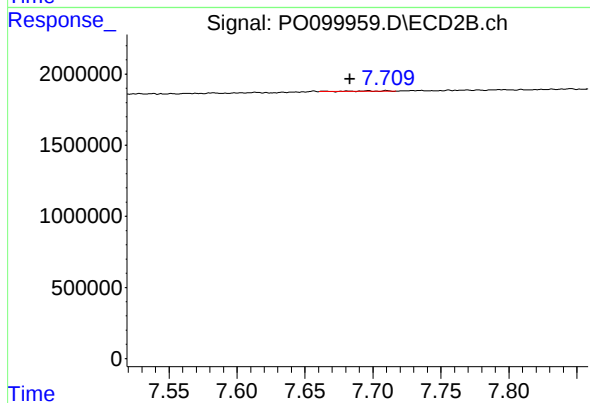
#37 AR-1262-2

R.T.: 7.209 min
Delta R.T.: 0.055 min
Response: 96208
Conc: 1.47 ng/ml



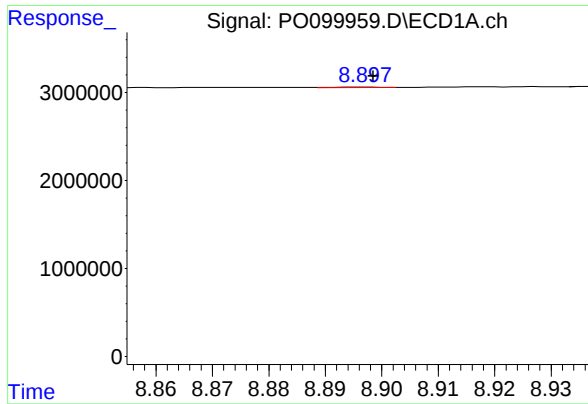
#38 AR-1262-3

R.T.: 8.805 min
Delta R.T.: -0.003 min
Response: 71917
Conc: 0.98 ng/ml



#38 AR-1262-3

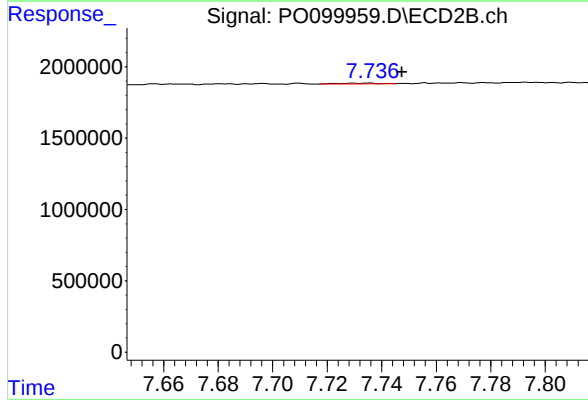
R.T.: 7.696 min
Delta R.T.: 0.013 min
Response: 61320
Conc: 1.19 ng/ml



#39 AR-1262-4

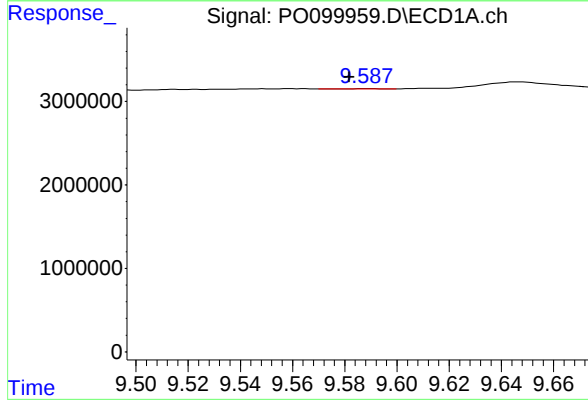
R.T.: 8.897 min
Delta R.T.: -0.001 min
Response: 27807
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



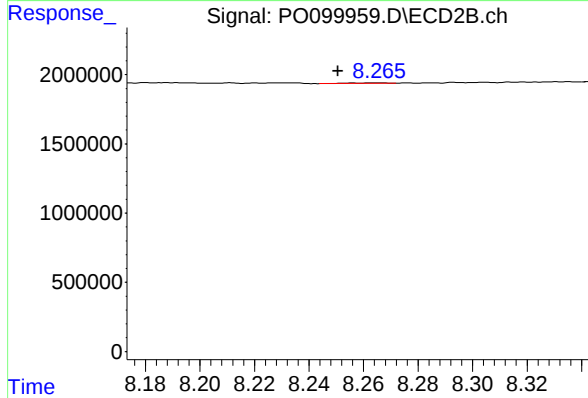
#39 AR-1262-4

R.T.: 7.734 min
Delta R.T.: -0.014 min
Response: 39648
Conc: 0.44 ng/ml



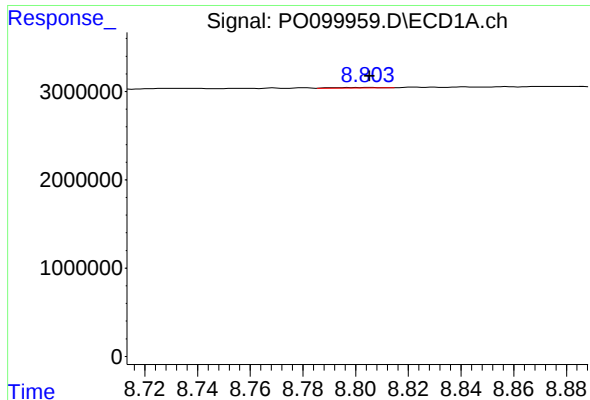
#40 AR-1262-5

R.T.: 9.588 min
Delta R.T.: 0.006 min
Response: 36177
Conc: 1.11 ng/ml



#40 AR-1262-5

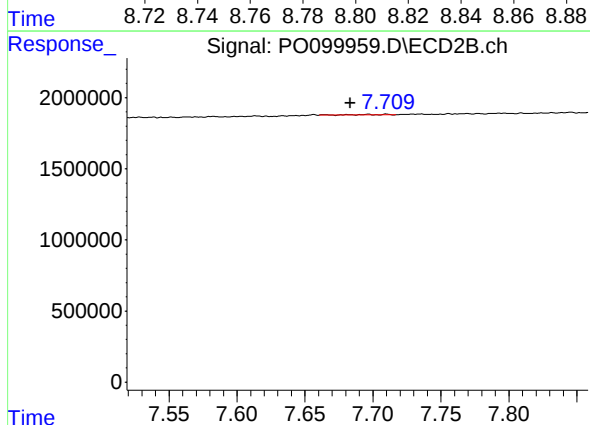
R.T.: 8.264 min
Delta R.T.: 0.013 min
Response: 40272
Conc: 1.03 ng/ml



#41 AR-1268-1

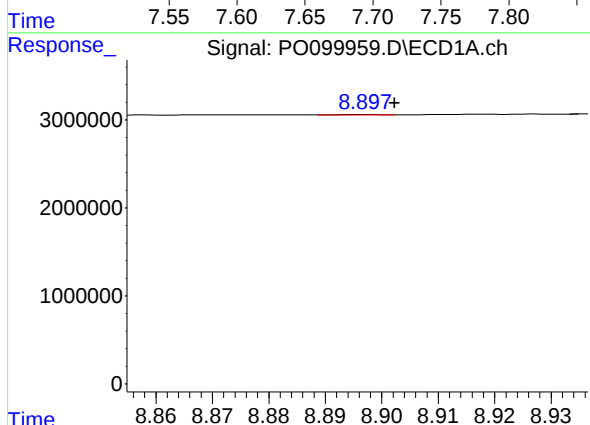
R.T.: 8.805 min
Delta R.T.: 0.000 min
Response: 71917
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



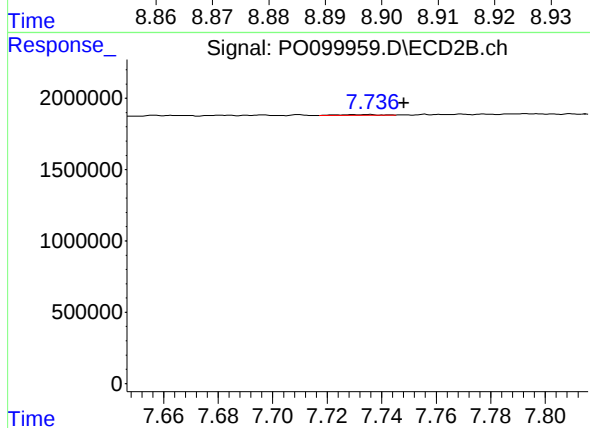
#41 AR-1268-1

R.T.: 7.696 min
Delta R.T.: 0.012 min
Response: 61320
Conc: 0.43 ng/ml



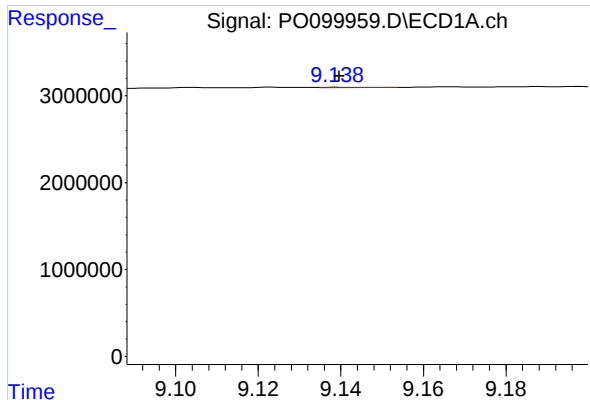
#42 AR-1268-2

R.T.: 8.897 min
Delta R.T.: -0.005 min
Response: 27807
Conc: 0.24 ng/ml



#42 AR-1268-2

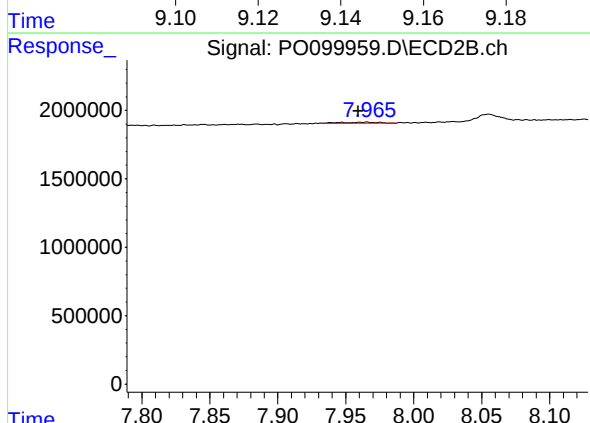
R.T.: 7.734 min
Delta R.T.: -0.014 min
Response: 39648
Conc: 0.30 ng/ml



#43 AR-1268-3

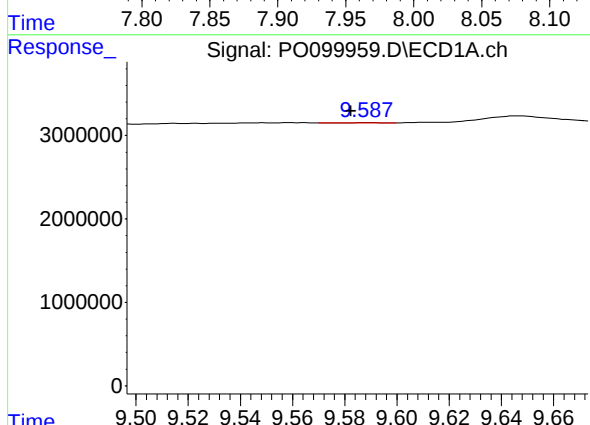
R.T.: 9.139 min
Delta R.T.: 0.000 min
Response: 32812
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



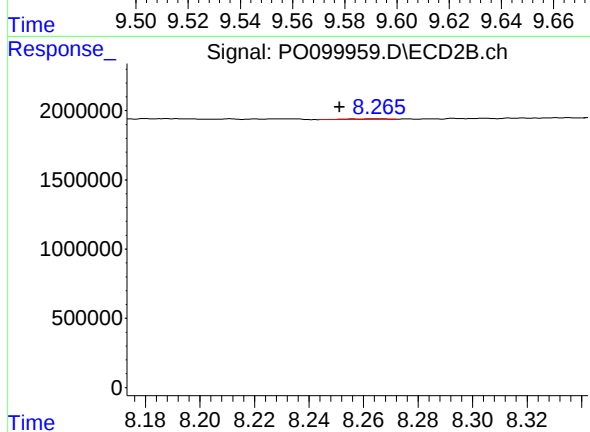
#43 AR-1268-3

R.T.: 7.965 min
Delta R.T.: 0.006 min
Response: 155960
Conc: 1.28 ng/ml



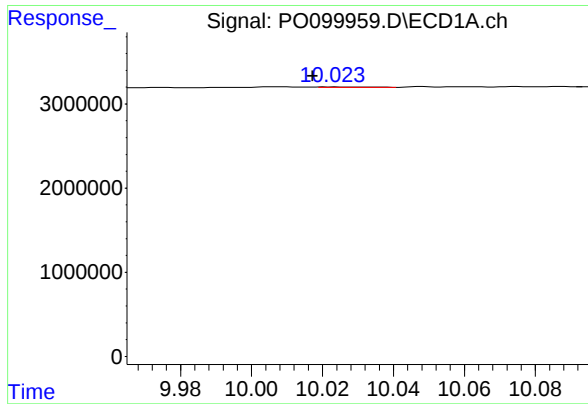
#44 AR-1268-4

R.T.: 9.588 min
Delta R.T.: 0.005 min
Response: 36177
Conc: 1.04 ng/ml



#44 AR-1268-4

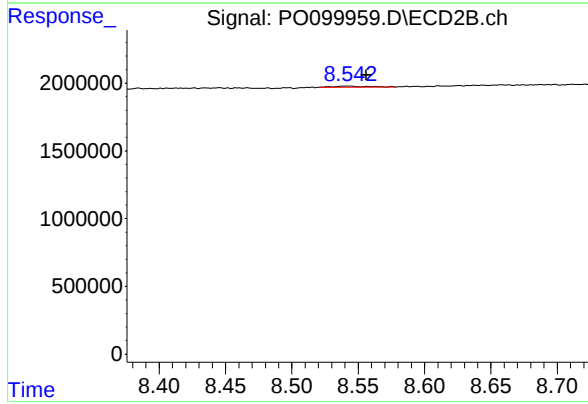
R.T.: 8.264 min
Delta R.T.: 0.013 min
Response: 40272
Conc: 0.93 ng/ml



#45 AR-1268-5

R.T.: 10.023 min
Delta R.T.: 0.005 min
Response: 55660
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.542 min
Delta R.T.: -0.014 min
Response: 144667
Conc: 0.42 ng/ml