

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
 Data File : P0099591.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 16:52
 Operator : YP/AJ
 Sample : PB157063BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 22:32:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0110923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 10 11:13:12 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...	4.493	3.722	34655502	24287814	20.131	20.034
2) SA Decachlor...	10.378	8.837	14906986	16974007	23.354	23.109
Target Compounds						
3) L1 AR-1016-1	5.678	4.827	67828	106308	1.745	3.953 #
4) L1 AR-1016-2	5.711	4.852	29831	35008	0.466	0.960 #
5) L1 AR-1016-3	5.771	5.042	170543	86912	3.936	4.337
6) L1 AR-1016-4	5.861	5.082	45492	55618	1.464	3.347 #
7) L1 AR-1016-5	6.188	5.288	90374	40456	2.972	1.958 #
8) L2 AR-1221-1	4.672	3.956	180139	217420	9.458	14.840 #
9) L2 AR-1221-2	4.805	4.028	789733	308965	56.063	33.735 #
10) L2 AR-1221-3	4.864	4.071f	35496	232338	0.856	7.507 #
11) L3 AR-1232-1	4.864	4.071f	35496	232338	1.054	8.988 #
12) L3 AR-1232-2	5.411	4.852	13290	35008	0.796	2.021 #
13) L3 AR-1232-3	5.698	5.042	27792	86912	0.980	9.896 #
14) L3 AR-1232-4	5.861	5.112	45492	56284	3.373	6.939 #
15) L3 AR-1232-5	5.966	5.288	145001	40456	12.647	4.729 #
16) L4 AR-1242-1	5.678	4.827	67828	106308	2.163	4.804 #
17) L4 AR-1242-2	5.698	4.852	27792	35008	0.539	1.176 #
18) L4 AR-1242-3	5.771	5.042	170543	86912	4.893	5.268
19) L4 AR-1242-4	5.861	5.112	45492	56284	1.799	3.341 #
20) L4 AR-1242-5	6.622	5.626	60204	22863	2.943	1.310 #
21) L5 AR-1248-1	5.678	4.827	67828	106308	2.872	6.158 #
22) L5 AR-1248-2	5.966	5.082	145001	55618	3.729	2.362 #
23) L5 AR-1248-3	6.143	5.112	5889	56284	0.142	2.272 #
24) L5 AR-1248-4	6.576	5.288	61692	40456	1.606	1.467
25) L5 AR-1248-5	6.603	5.681	53524	76632	1.411	3.358 #
26) L6 AR-1254-1	6.546	5.626	58693	22863	1.304	0.629 #
27) L6 AR-1254-2	6.759	5.783	32348	91454	0.513	2.815 #
28) L6 AR-1254-3	7.139	6.220	432305	112150	7.422	2.068 #
29) L6 AR-1254-4	7.420	6.446	117695	108801	3.453	3.863
30) L6 AR-1254-5	7.853	6.859	367470	23472	9.391	0.482 #
31) L7 AR-1260-1	7.304	6.324	49244	148596	0.991	3.445 #
32) L7 AR-1260-2	7.571	6.537	139158	14325	2.724	0.306 #
33) L7 AR-1260-3	7.936	6.674	129444	20976	3.610	0.460 #
34) L7 AR-1260-4	8.157	7.220f	441817	254306	11.192	6.920 #
35) L7 AR-1260-5	8.487	7.399	21672	54321	0.362	0.745 #
36) L8 AR-1262-1	7.853	6.859	367470	23472	11.633	0.955 #
37) L8 AR-1262-2	8.487	7.220f	21672	254306	0.293	5.130 #
38) L8 AR-1262-3	8.832	7.675	212907	38929	4.146	1.053 #
39) L8 AR-1262-4	8.909	7.755	217684	308419	5.599	4.801
40) L8 AR-1262-5	9.580	8.277	50206	105192	2.362	3.828 #
41) L9 AR-1268-1	8.832	7.675	212907	38929	2.114	0.354 #

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 Quant Time: Nov 10 22:32:15 2023
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 Response via : Initial Calibration
 Integrator: ChemStation

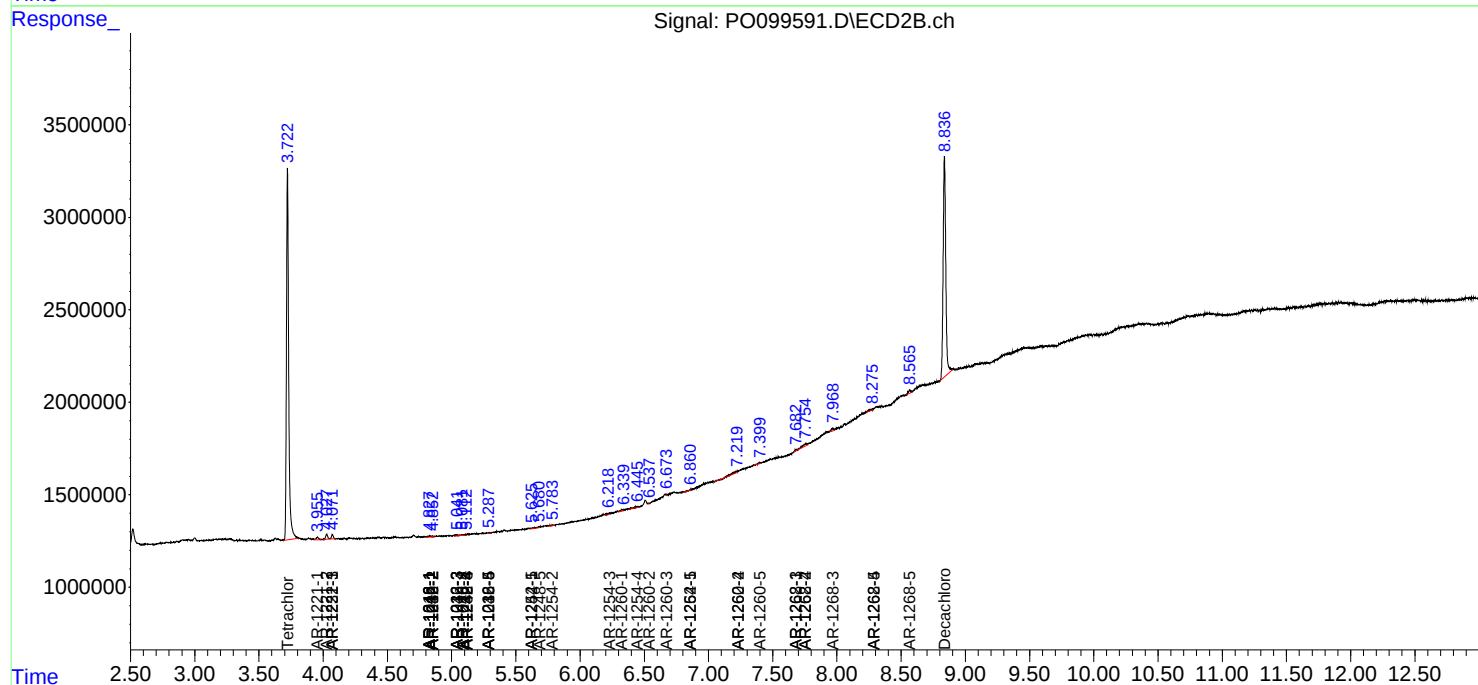
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

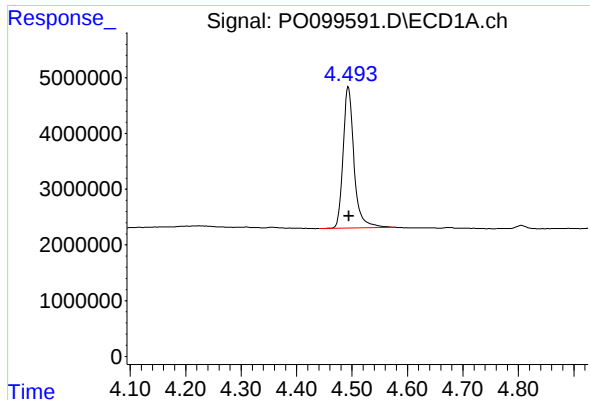
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.909	7.755	217684	308419	2.566	3.128
43) L9	AR-1268-3	9.140	7.968	125306	171395	1.469	1.810
44) L9	AR-1268-4	9.580	8.277	50206	105192	2.065	3.511 #
45) L9	AR-1268-5	10.026	8.565	479881	205624	2.258	0.817 #

(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

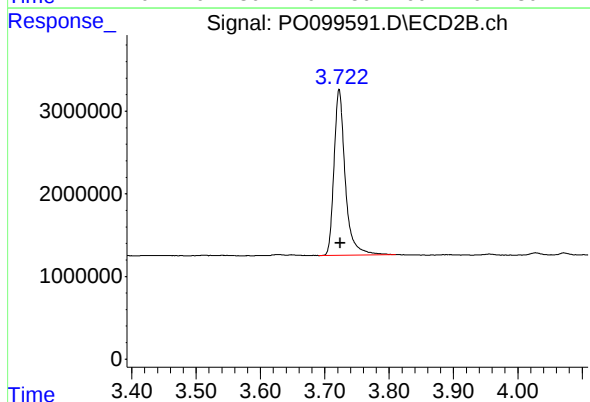




#1 Tetrachloro-m-xylene

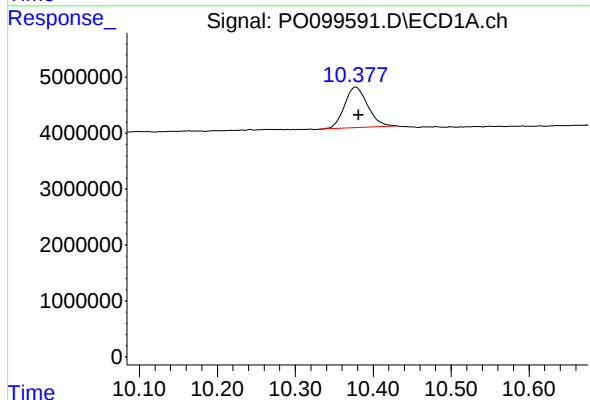
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 34655502
Conc: 20.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



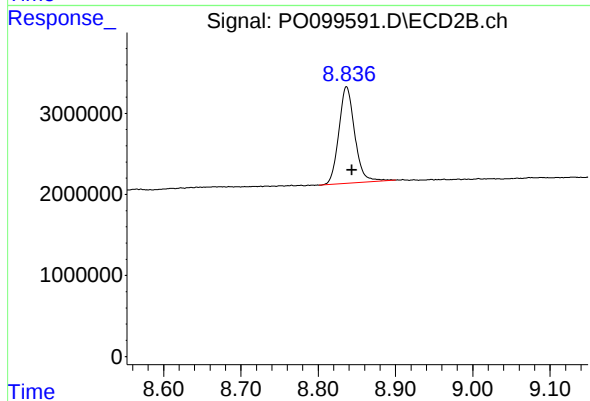
#1 Tetrachloro-m-xylene

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 24287814
Conc: 20.03 ng/ml



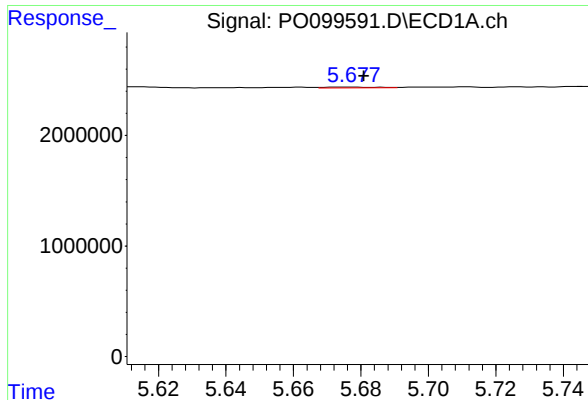
#2 Decachlorobiphenyl

R.T.: 10.378 min
Delta R.T.: -0.004 min
Response: 14906986
Conc: 23.35 ng/ml



#2 Decachlorobiphenyl

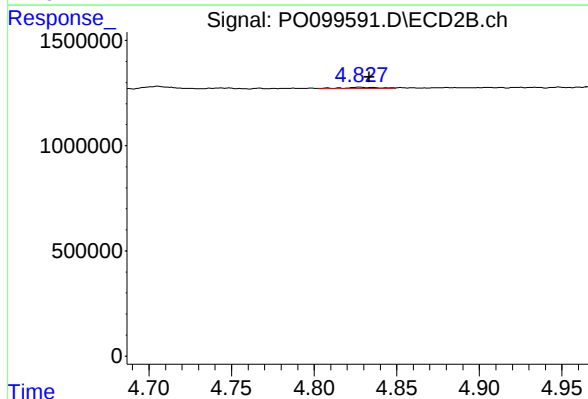
R.T.: 8.837 min
Delta R.T.: -0.007 min
Response: 16974007
Conc: 23.11 ng/ml



#3 AR-1016-1

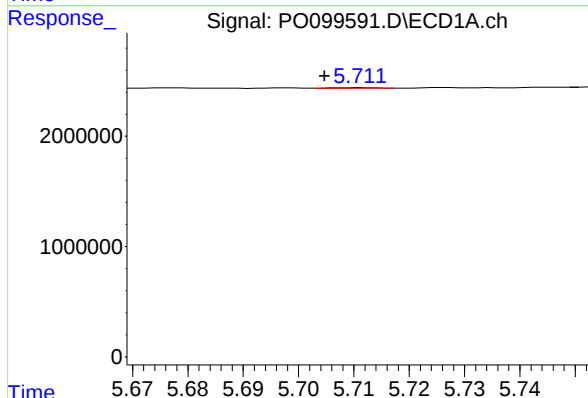
R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 67828
Conc: 1.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



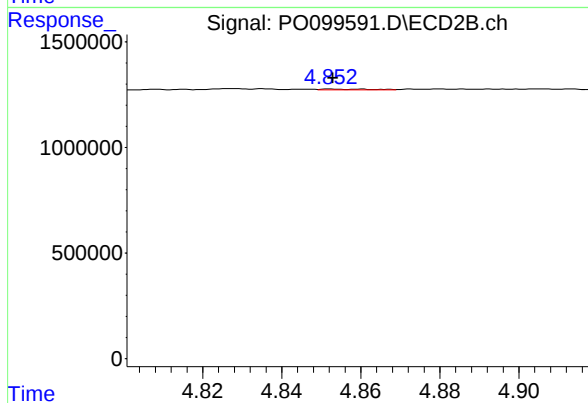
#3 AR-1016-1

R.T.: 4.827 min
Delta R.T.: -0.006 min
Response: 106308
Conc: 3.95 ng/ml



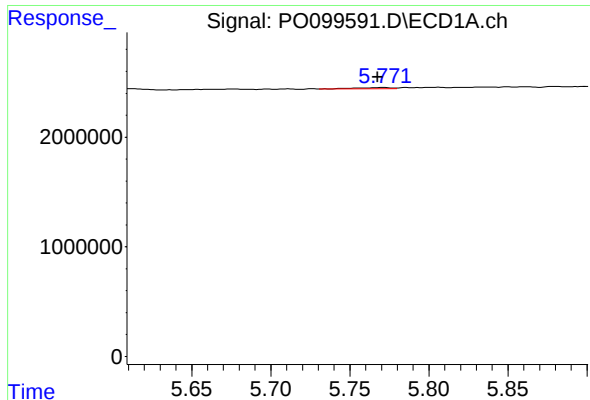
#4 AR-1016-2

R.T.: 5.711 min
Delta R.T.: 0.007 min
Response: 29831
Conc: 0.47 ng/ml



#4 AR-1016-2

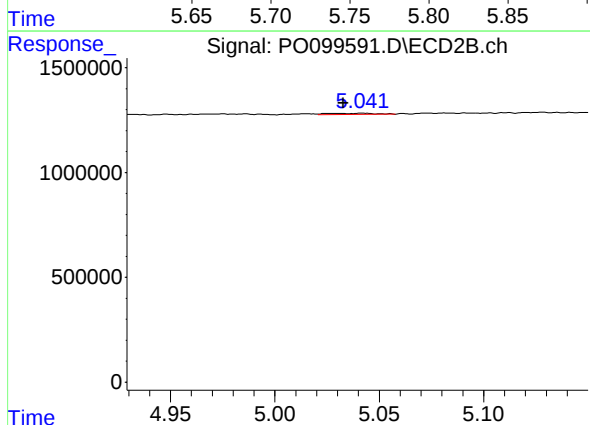
R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 35008
Conc: 0.96 ng/ml



#5 AR-1016-3

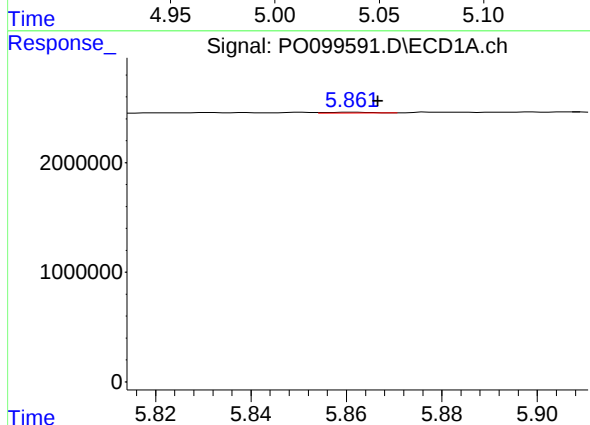
R.T.: 5.771 min
Delta R.T.: 0.004 min
Response: 170543
Conc: 3.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



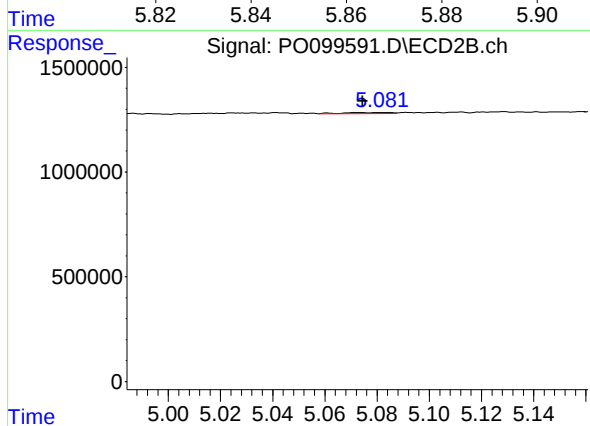
#5 AR-1016-3

R.T.: 5.042 min
Delta R.T.: 0.009 min
Response: 86912
Conc: 4.34 ng/ml



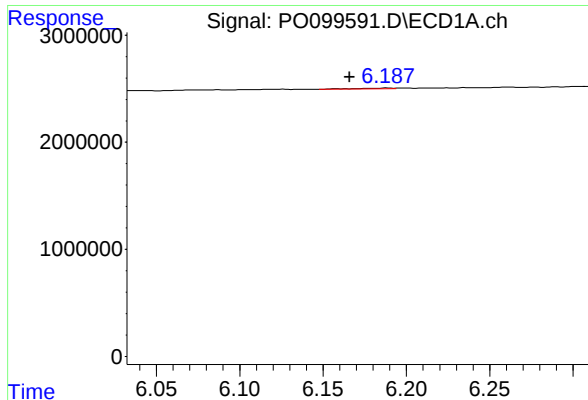
#6 AR-1016-4

R.T.: 5.861 min
Delta R.T.: -0.006 min
Response: 45492
Conc: 1.46 ng/ml



#6 AR-1016-4

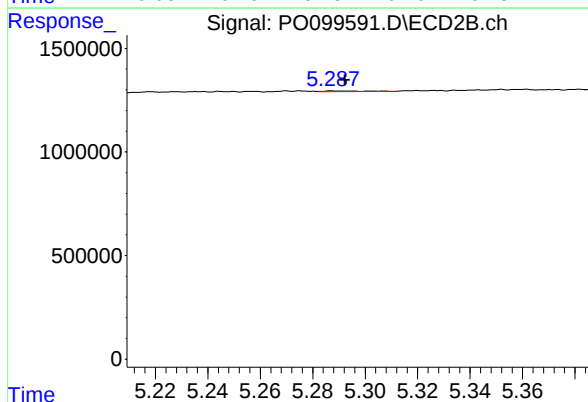
R.T.: 5.082 min
Delta R.T.: 0.007 min
Response: 55618
Conc: 3.35 ng/ml



#7 AR-1016-5

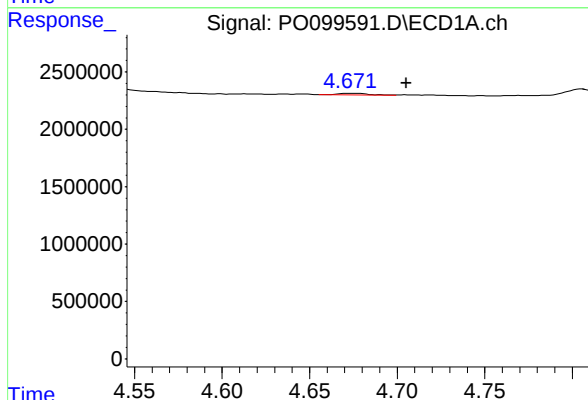
R.T.: 6.188 min
Delta R.T.: 0.022 min
Response: 90374
Conc: 2.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



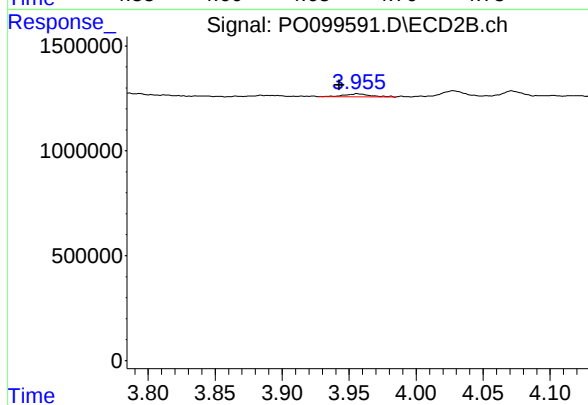
#7 AR-1016-5

R.T.: 5.288 min
Delta R.T.: -0.005 min
Response: 40456
Conc: 1.96 ng/ml



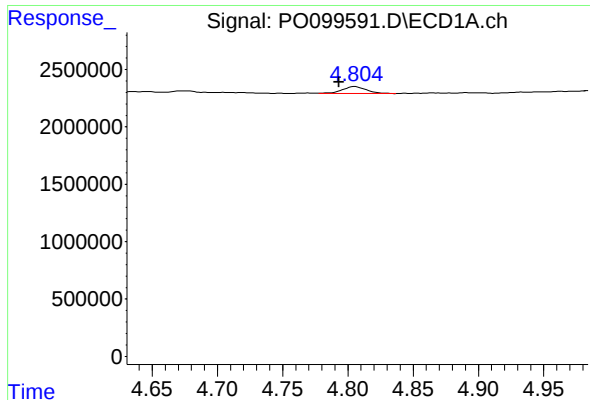
#8 AR-1221-1

R.T.: 4.672 min
Delta R.T.: -0.033 min
Response: 180139
Conc: 9.46 ng/ml



#8 AR-1221-1

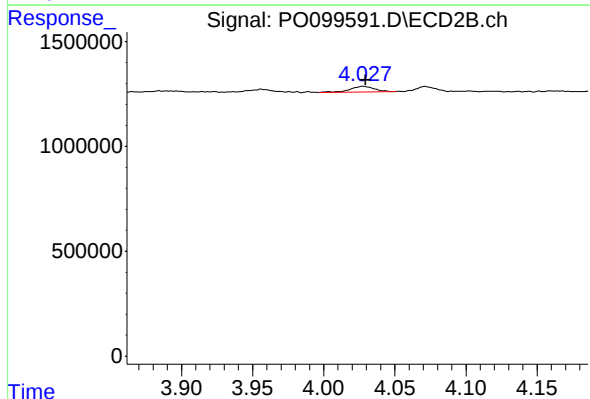
R.T.: 3.956 min
Delta R.T.: 0.014 min
Response: 217420
Conc: 14.84 ng/ml



#9 AR-1221-2

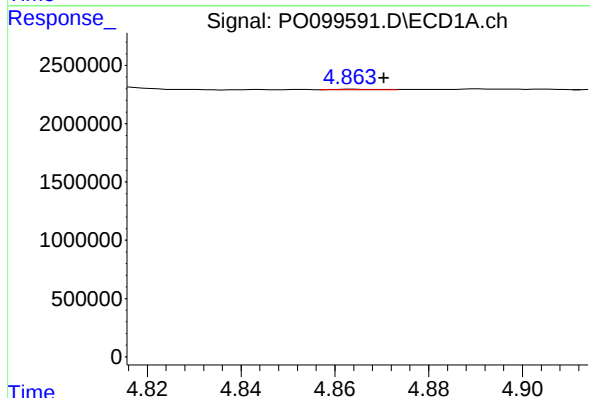
R.T.: 4.805 min
Delta R.T.: 0.012 min
Response: 789733
Conc: 56.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



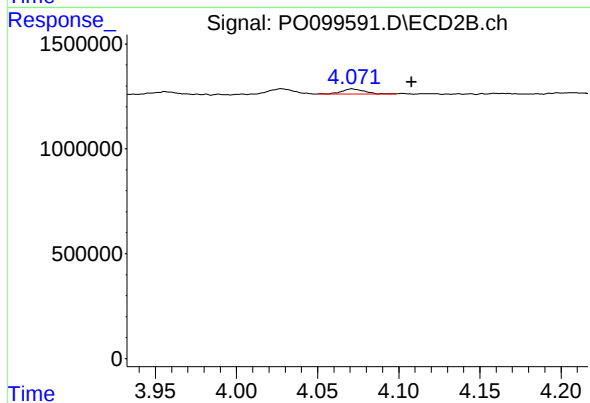
#9 AR-1221-2

R.T.: 4.028 min
Delta R.T.: -0.002 min
Response: 308965
Conc: 33.74 ng/ml



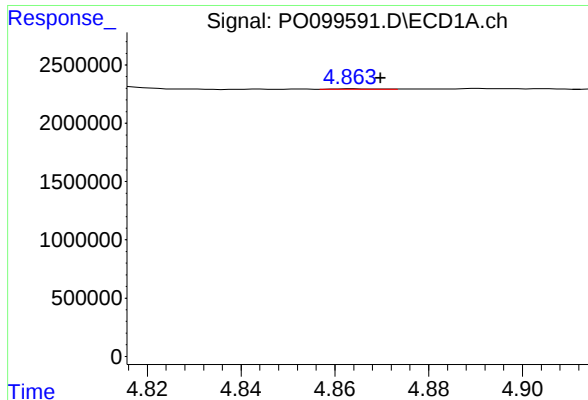
#10 AR-1221-3

R.T.: 4.864 min
Delta R.T.: -0.007 min
Response: 35496
Conc: 0.86 ng/ml



#10 AR-1221-3

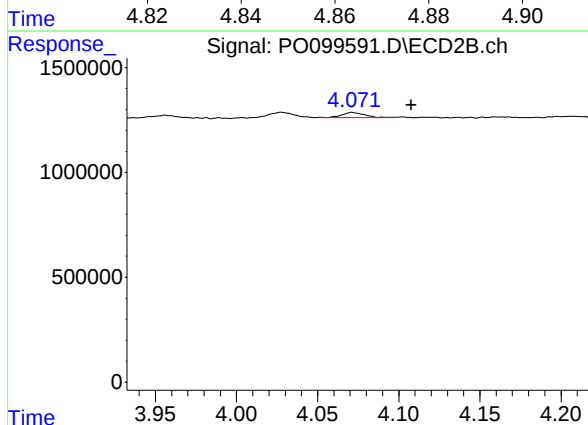
R.T.: 4.071 min
Delta R.T.: -0.037 min
Response: 232338
Conc: 7.51 ng/ml



#11 AR-1232-1

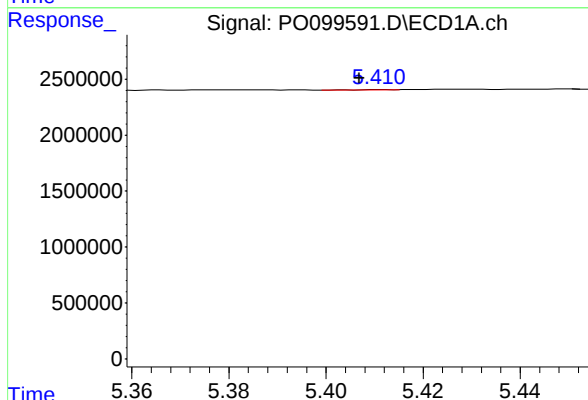
R.T.: 4.864 min
Delta R.T.: -0.006 min
Response: 35496
Conc: 1.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



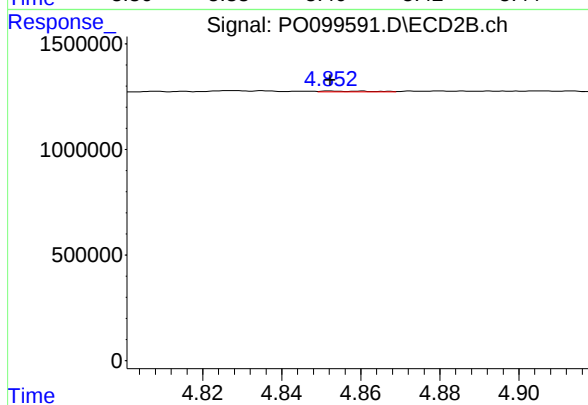
#11 AR-1232-1

R.T.: 4.071 min
Delta R.T.: -0.036 min
Response: 232338
Conc: 8.99 ng/ml



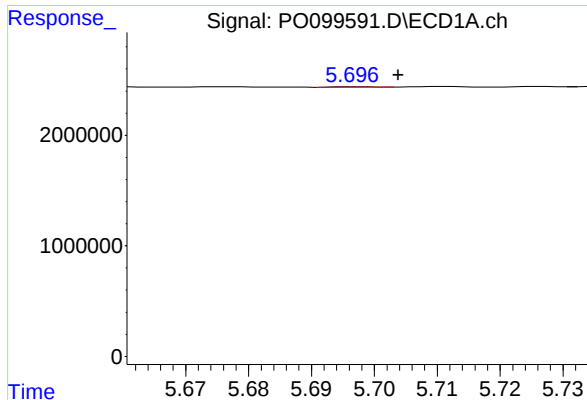
#12 AR-1232-2

R.T.: 5.411 min
Delta R.T.: 0.004 min
Response: 13290
Conc: 0.80 ng/ml



#12 AR-1232-2

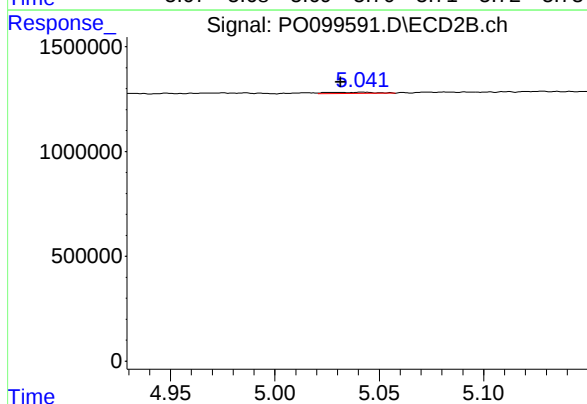
R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 35008
Conc: 2.02 ng/ml



#13 AR-1232-3

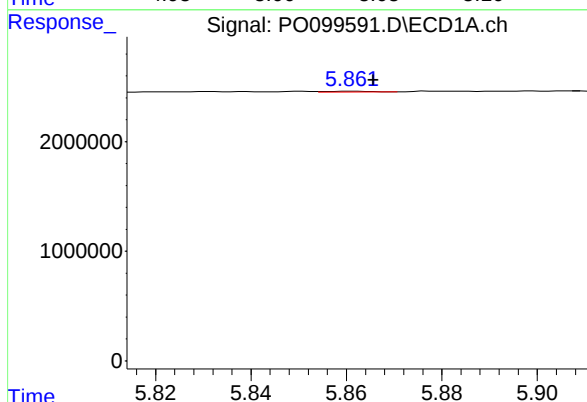
R.T.: 5.698 min
Delta R.T.: -0.006 min
Response: 27792
Conc: 0.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



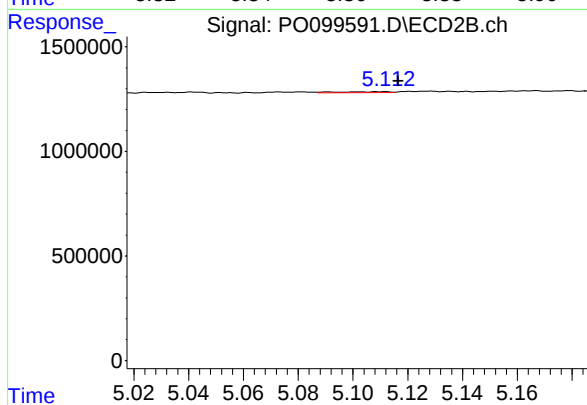
#13 AR-1232-3

R.T.: 5.042 min
Delta R.T.: 0.010 min
Response: 86912
Conc: 9.90 ng/ml



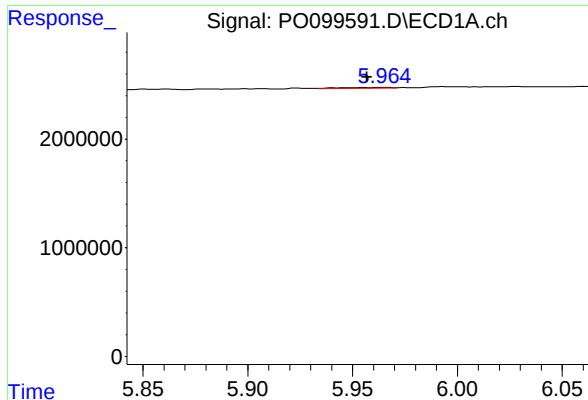
#14 AR-1232-4

R.T.: 5.861 min
Delta R.T.: -0.004 min
Response: 45492
Conc: 3.37 ng/ml



#14 AR-1232-4

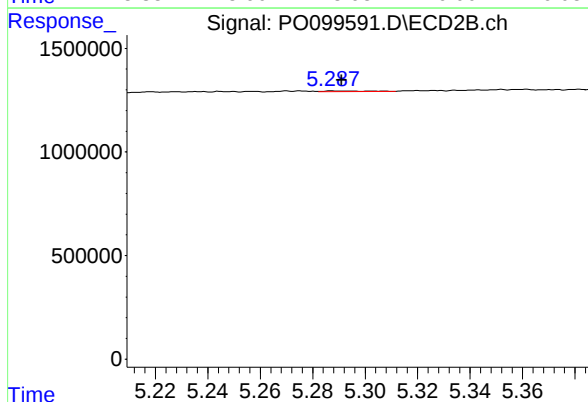
R.T.: 5.112 min
Delta R.T.: -0.005 min
Response: 56284
Conc: 6.94 ng/ml



#15 AR-1232-5

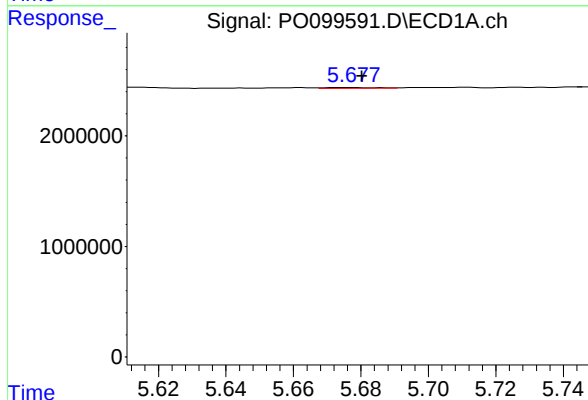
R.T.: 5.966 min
Delta R.T.: 0.009 min
Response: 145001
Conc: 12.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



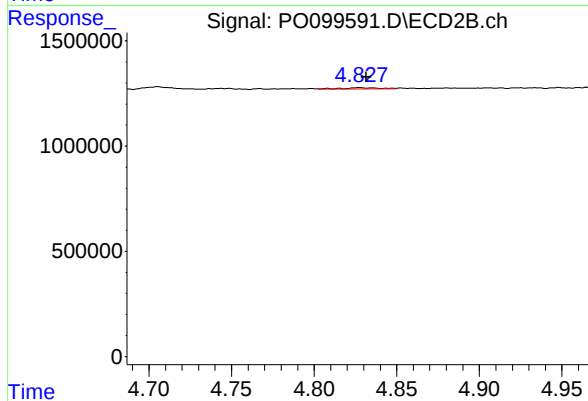
#15 AR-1232-5

R.T.: 5.288 min
Delta R.T.: -0.003 min
Response: 40456
Conc: 4.73 ng/ml



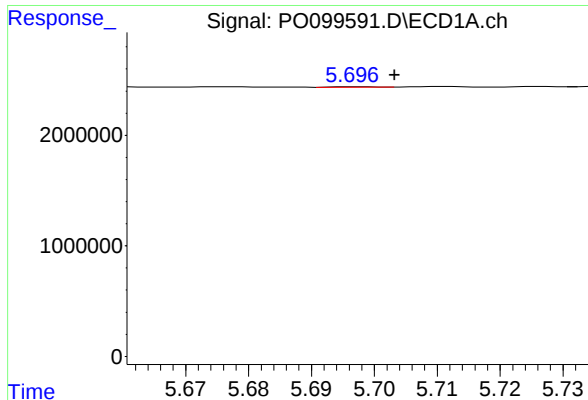
#16 AR-1242-1

R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 67828
Conc: 2.16 ng/ml



#16 AR-1242-1

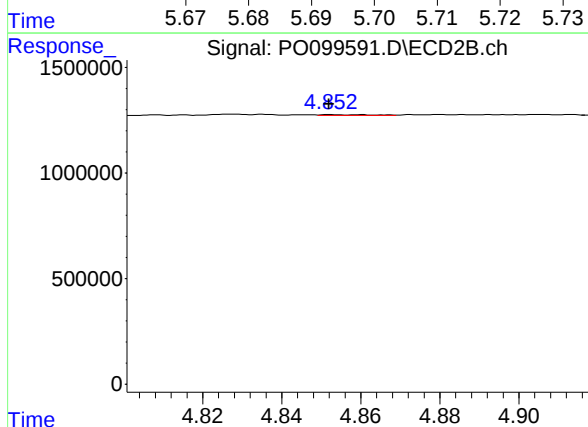
R.T.: 4.827 min
Delta R.T.: -0.004 min
Response: 106308
Conc: 4.80 ng/ml



#17 AR-1242-2

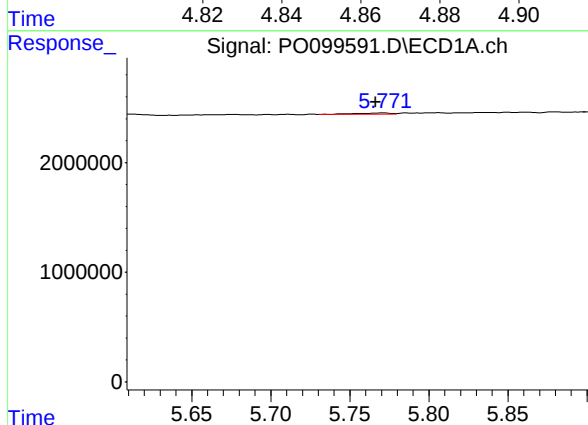
R.T.: 5.698 min
Delta R.T.: -0.005 min
Response: 27792
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



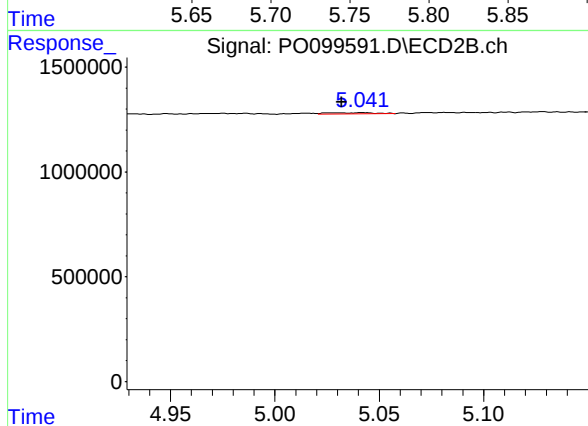
#17 AR-1242-2

R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 35008
Conc: 1.18 ng/ml



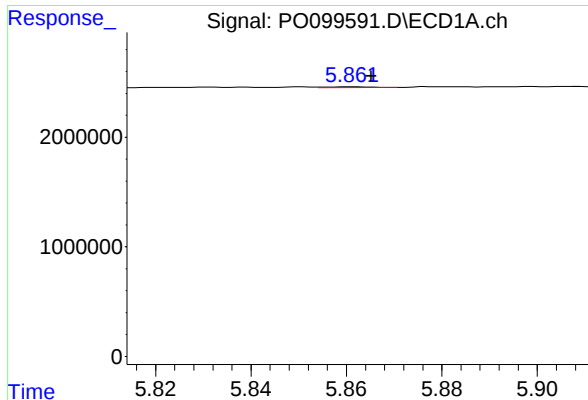
#18 AR-1242-3

R.T.: 5.771 min
Delta R.T.: 0.005 min
Response: 170543
Conc: 4.89 ng/ml



#18 AR-1242-3

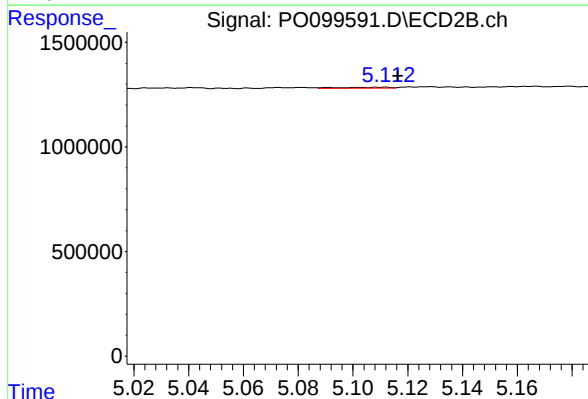
R.T.: 5.042 min
Delta R.T.: 0.010 min
Response: 86912
Conc: 5.27 ng/ml



#19 AR-1242-4

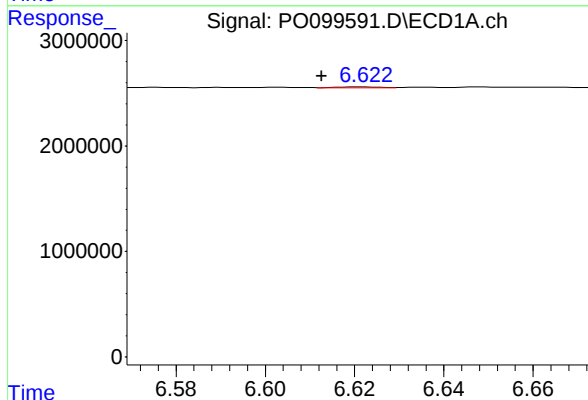
R.T.: 5.861 min
Delta R.T.: -0.004 min
Response: 45492
Conc: 1.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



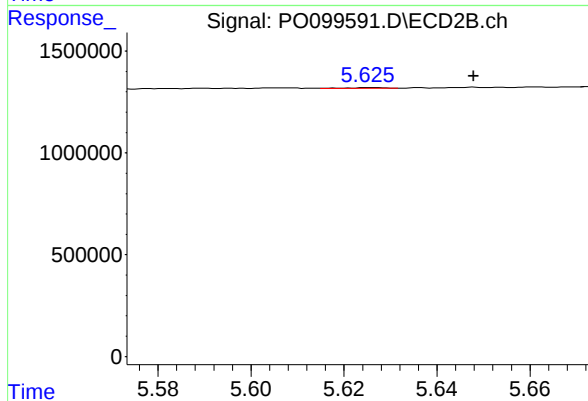
#19 AR-1242-4

R.T.: 5.112 min
Delta R.T.: -0.005 min
Response: 56284
Conc: 3.34 ng/ml



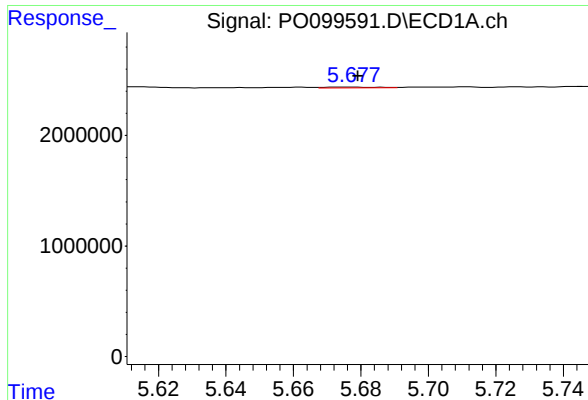
#20 AR-1242-5

R.T.: 6.622 min
Delta R.T.: 0.009 min
Response: 60204
Conc: 2.94 ng/ml



#20 AR-1242-5

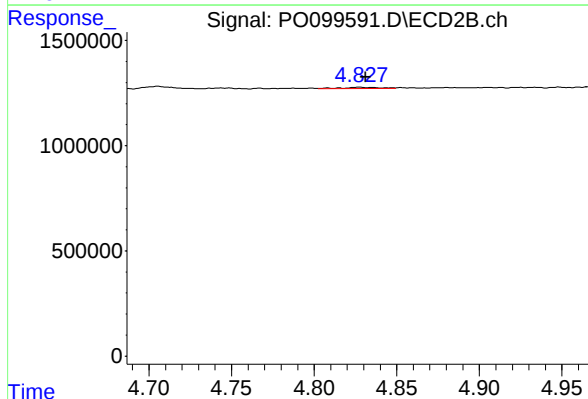
R.T.: 5.626 min
Delta R.T.: -0.022 min
Response: 22863
Conc: 1.31 ng/ml



#21 AR-1248-1

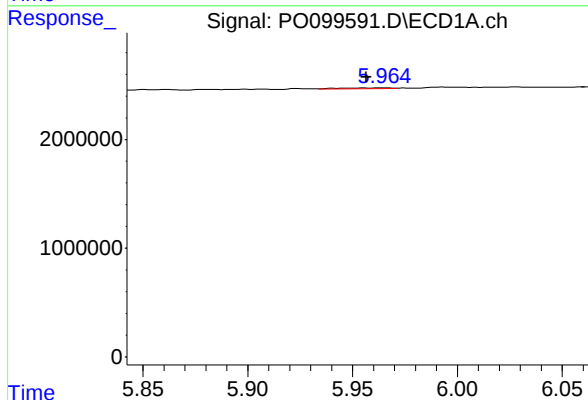
R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 67828
Conc: 2.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



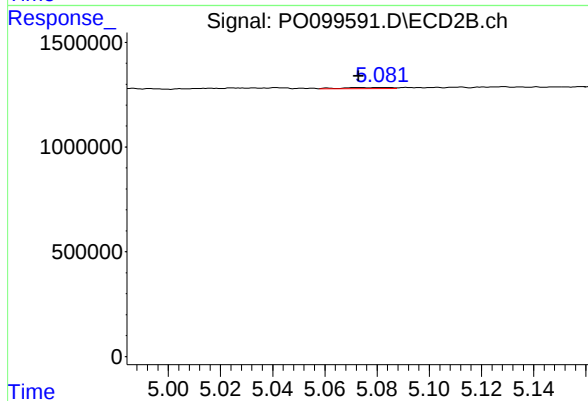
#21 AR-1248-1

R.T.: 4.827 min
Delta R.T.: -0.004 min
Response: 106308
Conc: 6.16 ng/ml



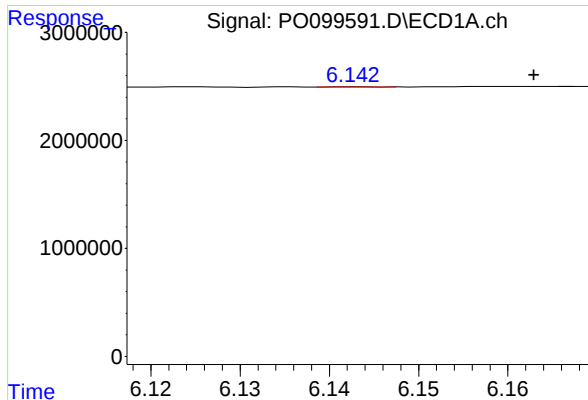
#22 AR-1248-2

R.T.: 5.966 min
Delta R.T.: 0.009 min
Response: 145001
Conc: 3.73 ng/ml



#22 AR-1248-2

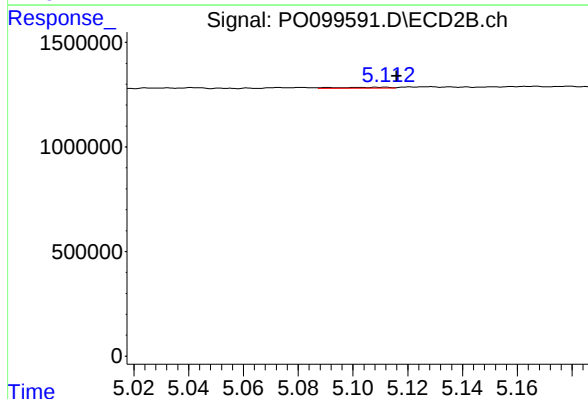
R.T.: 5.082 min
Delta R.T.: 0.009 min
Response: 55618
Conc: 2.36 ng/ml



#23 AR-1248-3

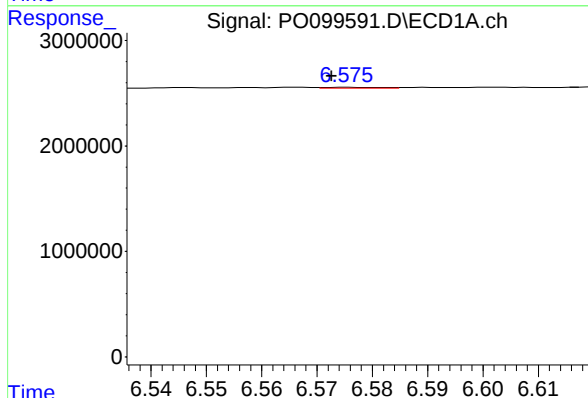
R.T.: 6.143 min
Delta R.T.: -0.020 min
Response: 5889
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



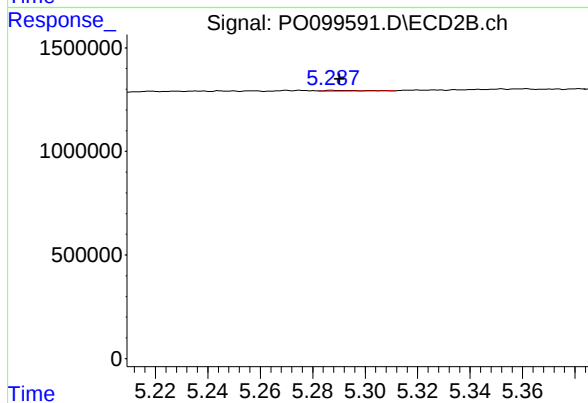
#23 AR-1248-3

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 56284
Conc: 2.27 ng/ml



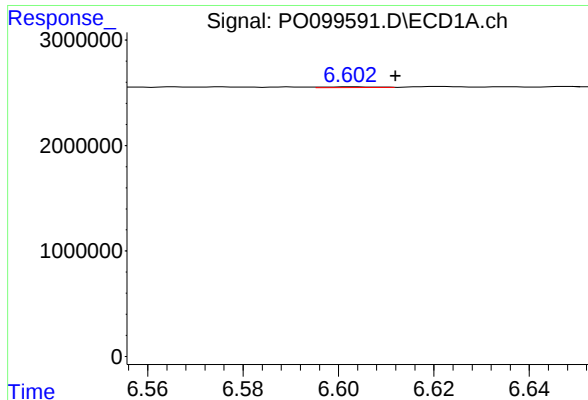
#24 AR-1248-4

R.T.: 6.576 min
Delta R.T.: 0.003 min
Response: 61692
Conc: 1.61 ng/ml



#24 AR-1248-4

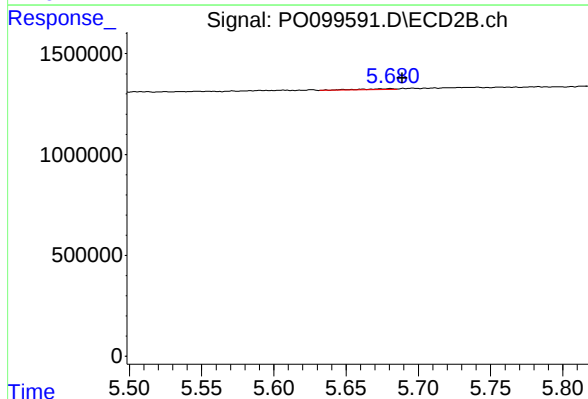
R.T.: 5.288 min
Delta R.T.: -0.003 min
Response: 40456
Conc: 1.47 ng/ml



#25 AR-1248-5

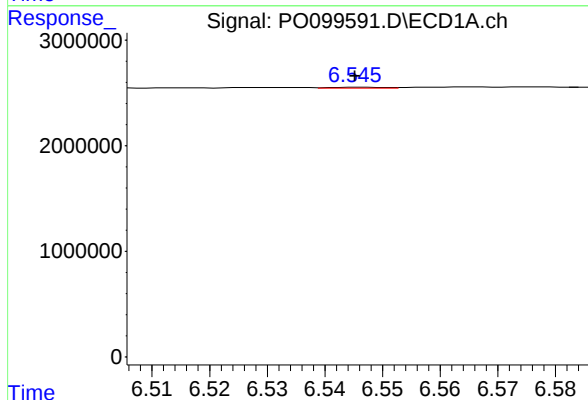
R.T.: 6.603 min
Delta R.T.: -0.009 min
Response: 53524
Conc: 1.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



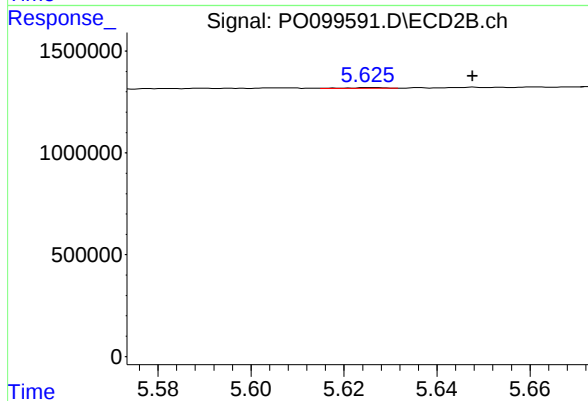
#25 AR-1248-5

R.T.: 5.681 min
Delta R.T.: -0.008 min
Response: 76632
Conc: 3.36 ng/ml



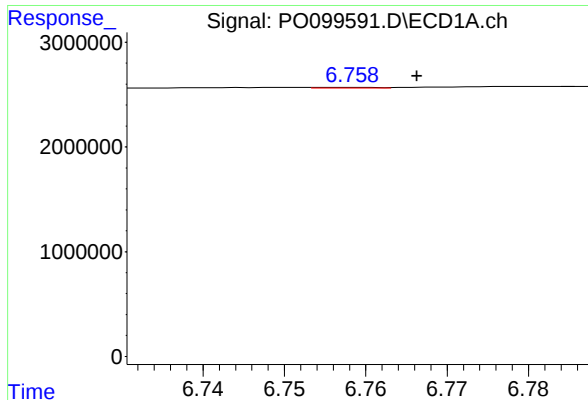
#26 AR-1254-1

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 58693
Conc: 1.30 ng/ml



#26 AR-1254-1

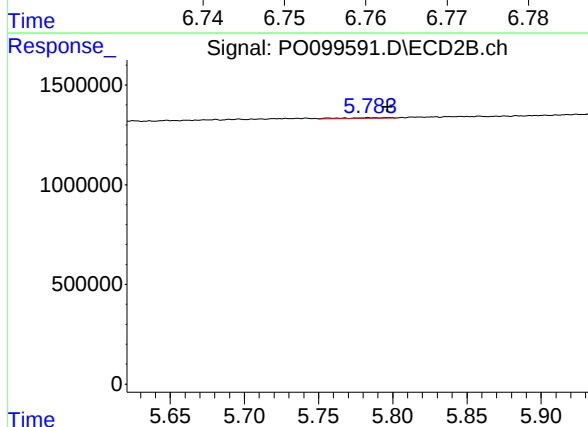
R.T.: 5.626 min
Delta R.T.: -0.022 min
Response: 22863
Conc: 0.63 ng/ml



#27 AR-1254-2

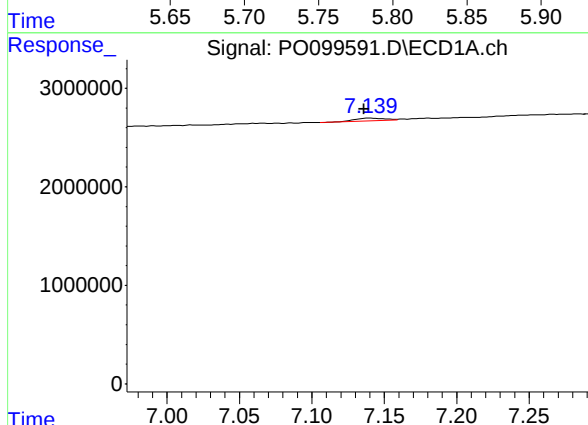
R.T.: 6.759 min
Delta R.T.: -0.008 min
Response: 32348
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



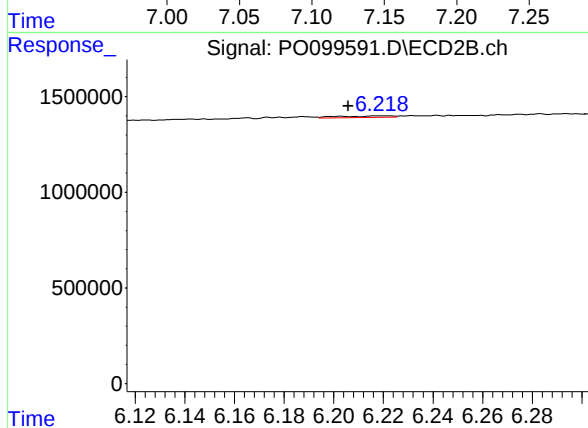
#27 AR-1254-2

R.T.: 5.783 min
Delta R.T.: -0.013 min
Response: 91454
Conc: 2.82 ng/ml



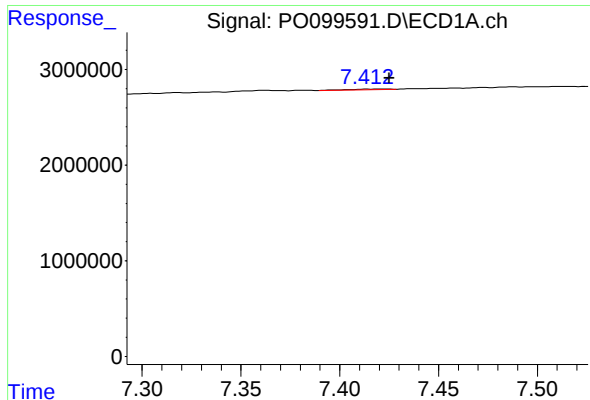
#28 AR-1254-3

R.T.: 7.139 min
Delta R.T.: 0.003 min
Response: 432305
Conc: 7.42 ng/ml



#28 AR-1254-3

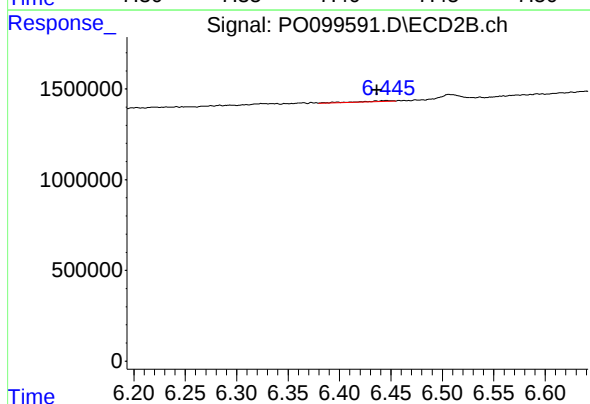
R.T.: 6.220 min
Delta R.T.: 0.014 min
Response: 112150
Conc: 2.07 ng/ml



#29 AR-1254-4

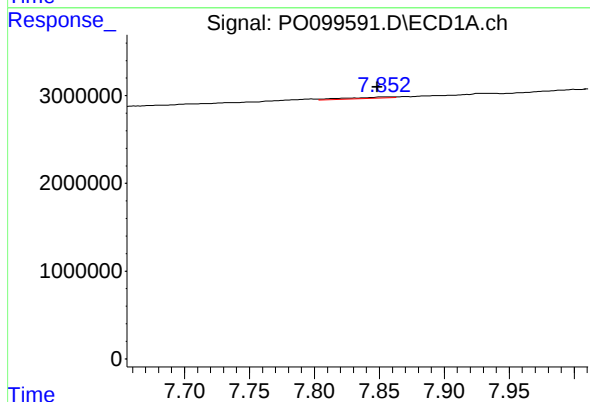
R.T.: 7.420 min
Delta R.T.: -0.005 min
Response: 117695
Conc: 3.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



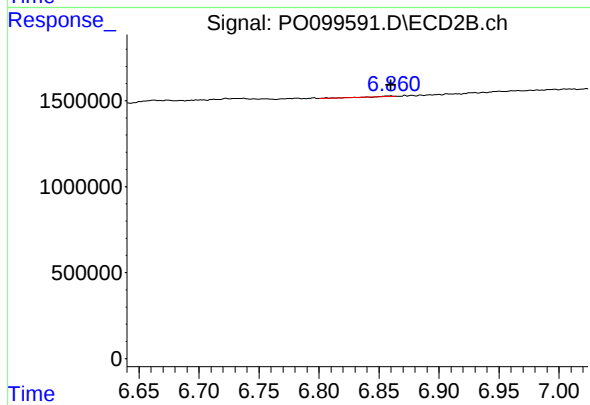
#29 AR-1254-4

R.T.: 6.446 min
Delta R.T.: 0.009 min
Response: 108801
Conc: 3.86 ng/ml



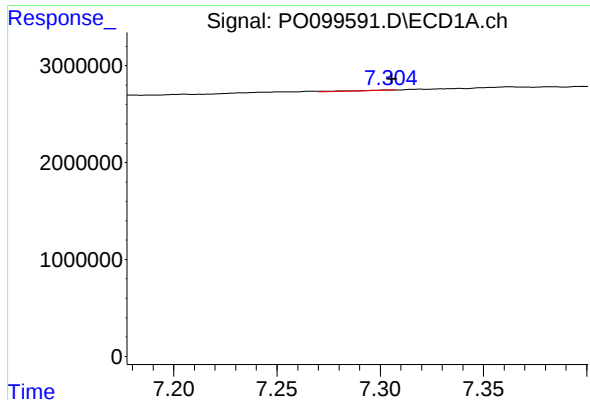
#30 AR-1254-5

R.T.: 7.853 min
Delta R.T.: 0.005 min
Response: 367470
Conc: 9.39 ng/ml



#30 AR-1254-5

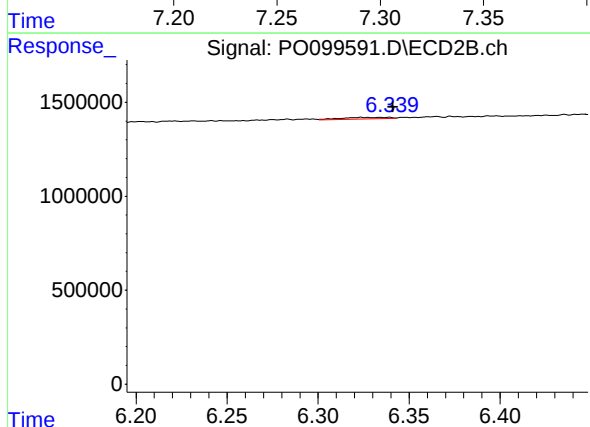
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 23472
Conc: 0.48 ng/ml



#31 AR-1260-1

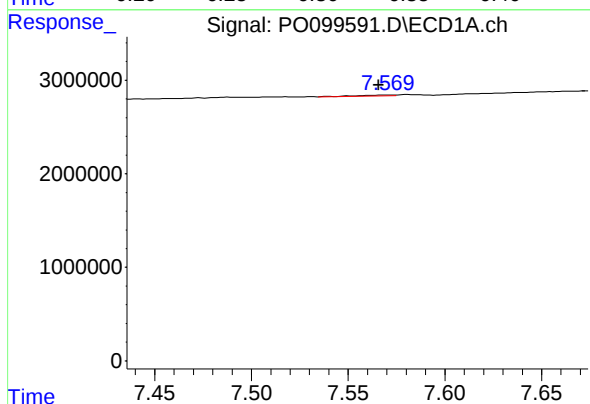
R.T.: 7.304 min
Delta R.T.: -0.002 min
Response: 49244
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



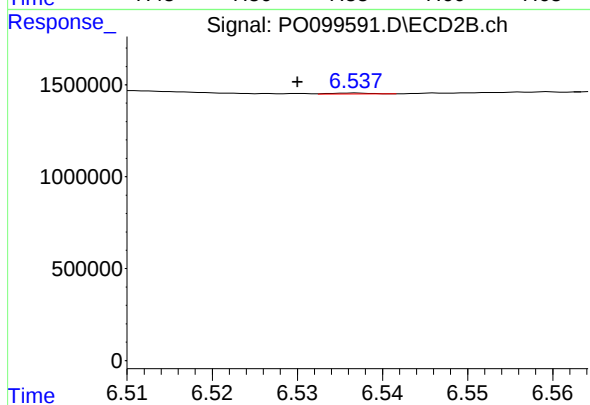
#31 AR-1260-1

R.T.: 6.324 min
Delta R.T.: -0.017 min
Response: 148596
Conc: 3.45 ng/ml



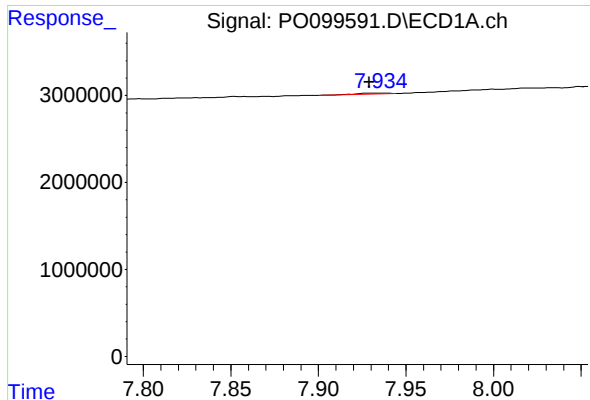
#32 AR-1260-2

R.T.: 7.571 min
Delta R.T.: 0.005 min
Response: 139158
Conc: 2.72 ng/ml



#32 AR-1260-2

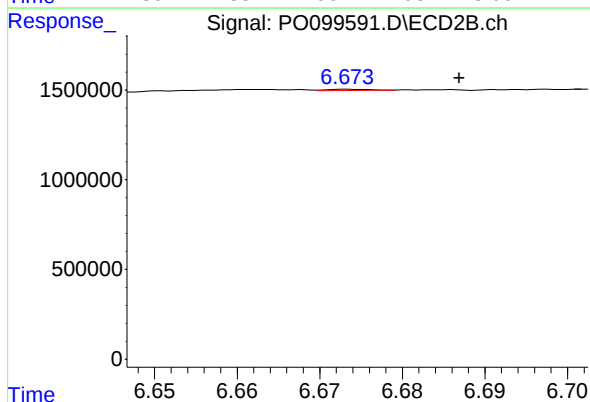
R.T.: 6.537 min
Delta R.T.: 0.007 min
Response: 14325
Conc: 0.31 ng/ml



#33 AR-1260-3

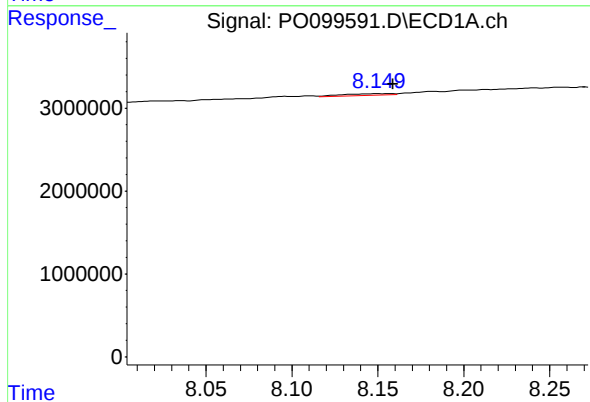
R.T.: 7.936 min
Delta R.T.: 0.007 min
Response: 129444
Conc: 3.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



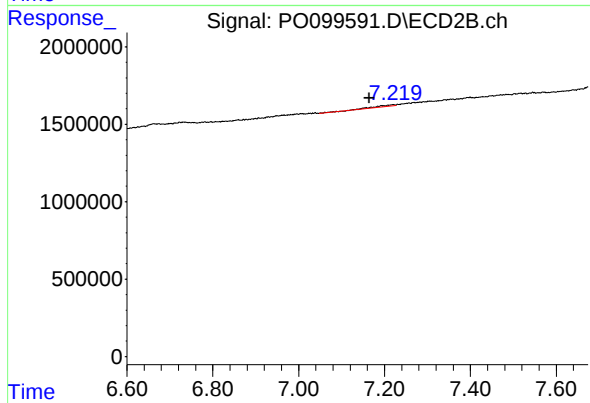
#33 AR-1260-3

R.T.: 6.674 min
Delta R.T.: -0.013 min
Response: 20976
Conc: 0.46 ng/ml



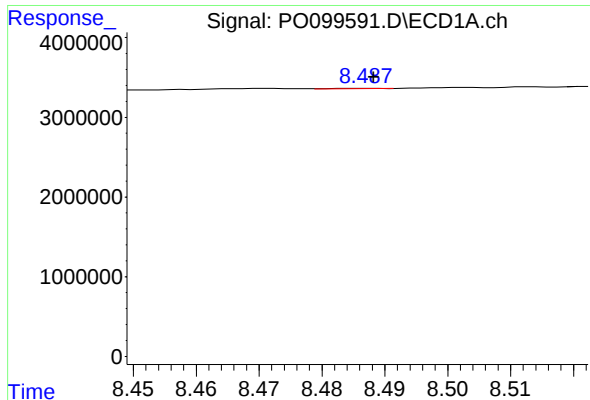
#34 AR-1260-4

R.T.: 8.157 min
Delta R.T.: -0.002 min
Response: 441817
Conc: 11.19 ng/ml



#34 AR-1260-4

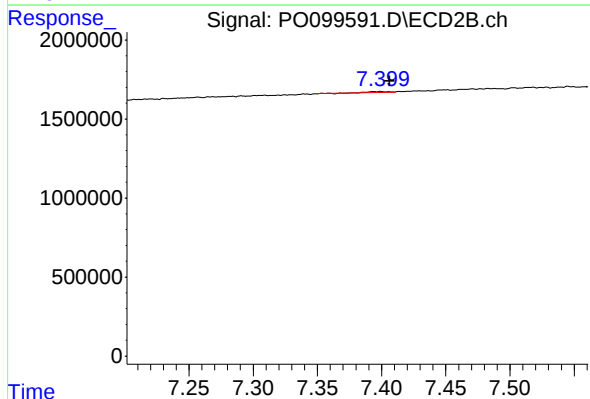
R.T.: 7.220 min
Delta R.T.: 0.056 min
Response: 254306
Conc: 6.92 ng/ml



#35 AR-1260-5

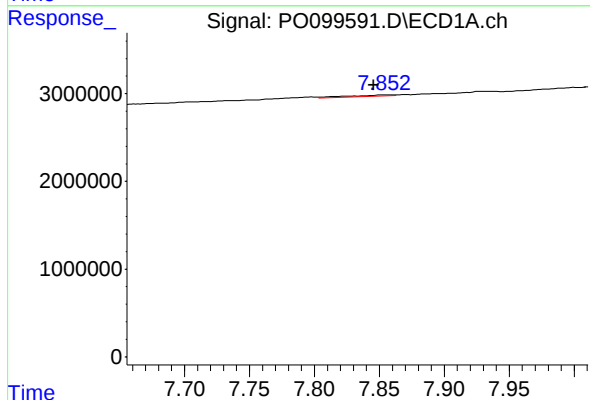
R.T.: 8.487 min
Delta R.T.: -0.001 min
Response: 21672
Conc: 0.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



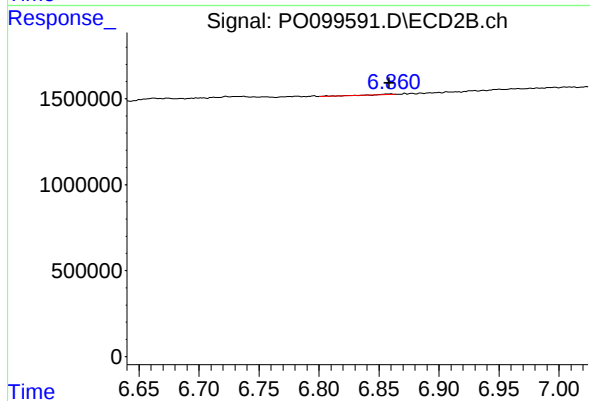
#35 AR-1260-5

R.T.: 7.399 min
Delta R.T.: -0.007 min
Response: 54321
Conc: 0.75 ng/ml



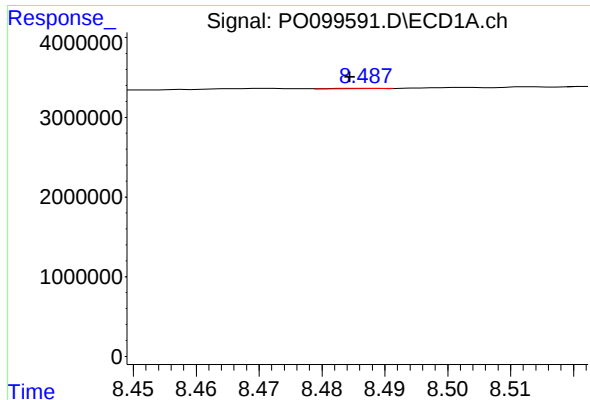
#36 AR-1262-1

R.T.: 7.853 min
Delta R.T.: 0.007 min
Response: 367470
Conc: 11.63 ng/ml



#36 AR-1262-1

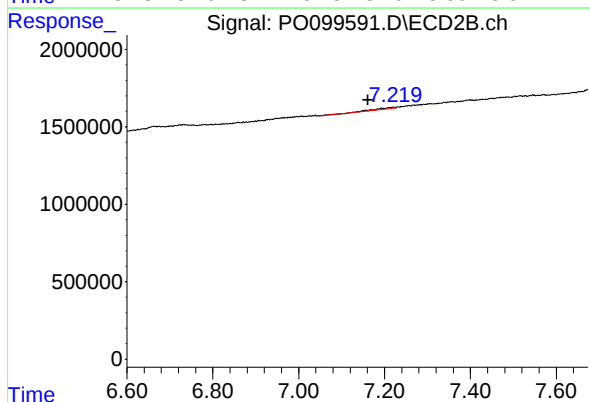
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 23472
Conc: 0.95 ng/ml



#37 AR-1262-2

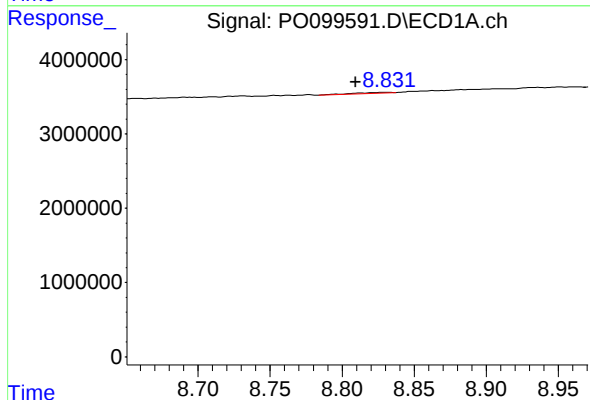
R.T.: 8.487 min
Delta R.T.: 0.002 min
Response: 21672
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



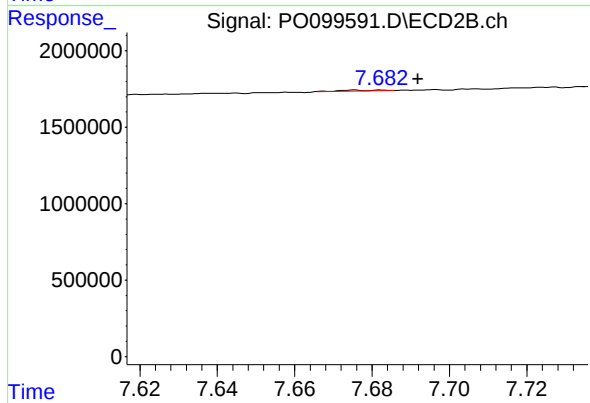
#37 AR-1262-2

R.T.: 7.220 min
Delta R.T.: 0.058 min
Response: 254306
Conc: 5.13 ng/ml



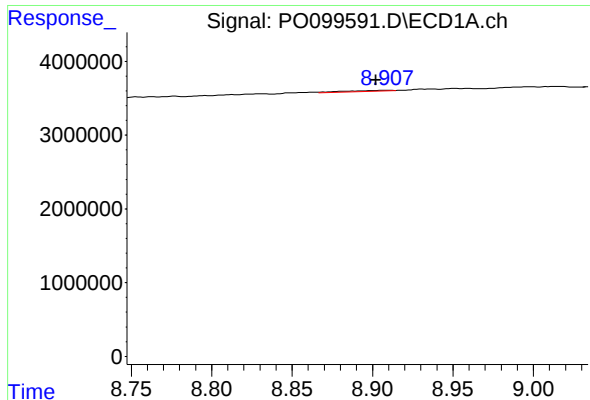
#38 AR-1262-3

R.T.: 8.832 min
Delta R.T.: 0.023 min
Response: 212907
Conc: 4.15 ng/ml



#38 AR-1262-3

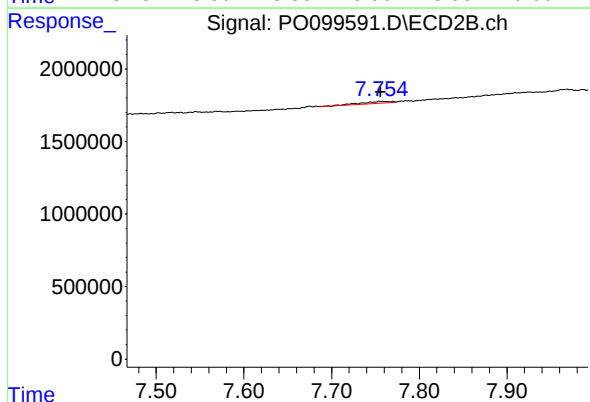
R.T.: 7.675 min
Delta R.T.: -0.017 min
Response: 38929
Conc: 1.05 ng/ml



#39 AR-1262-4

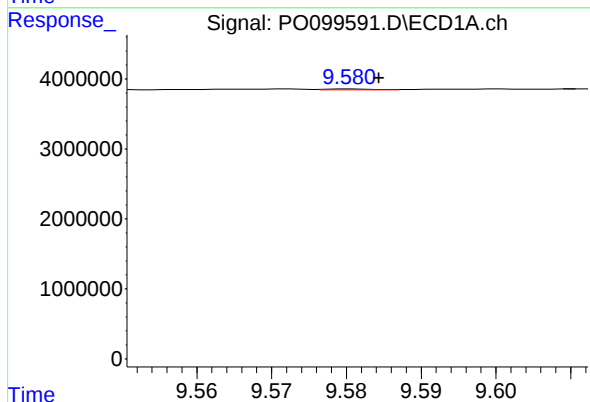
R.T.: 8.909 min
Delta R.T.: 0.006 min
Response: 217684
Conc: 5.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



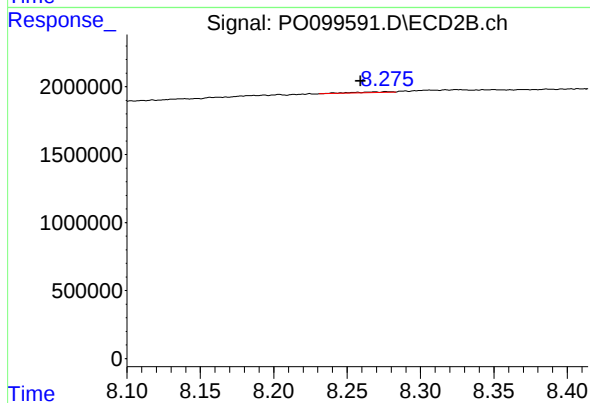
#39 AR-1262-4

R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 308419
Conc: 4.80 ng/ml



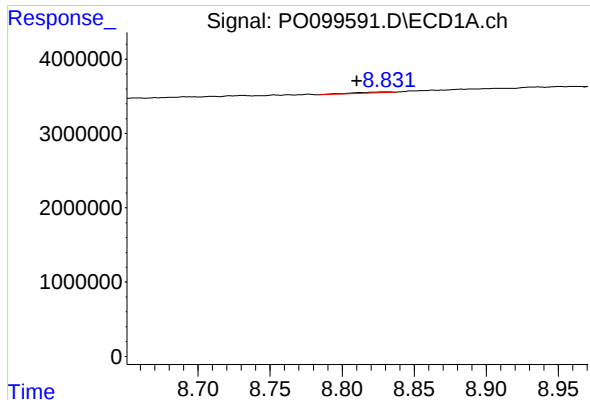
#40 AR-1262-5

R.T.: 9.580 min
Delta R.T.: -0.004 min
Response: 50206
Conc: 2.36 ng/ml



#40 AR-1262-5

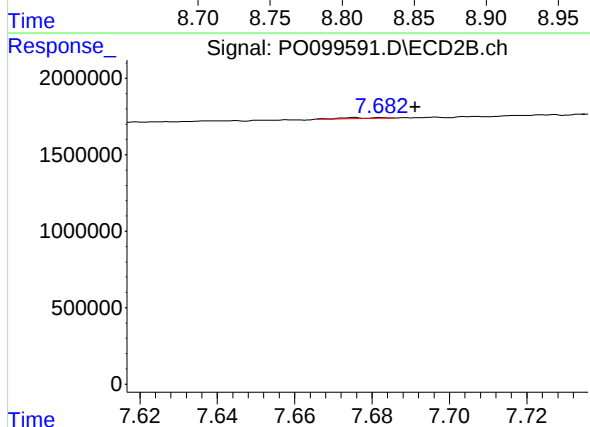
R.T.: 8.277 min
Delta R.T.: 0.017 min
Response: 105192
Conc: 3.83 ng/ml



#41 AR-1268-1

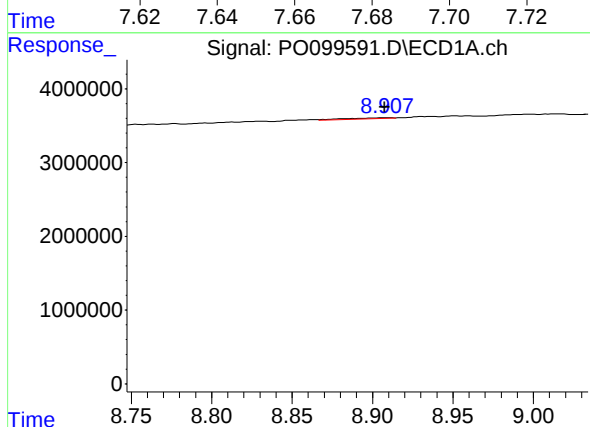
R.T.: 8.832 min
Delta R.T.: 0.022 min
Response: 212907
Conc: 2.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



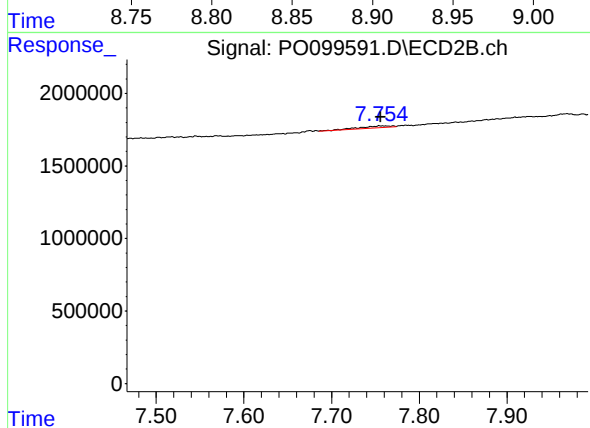
#41 AR-1268-1

R.T.: 7.675 min
Delta R.T.: -0.016 min
Response: 38929
Conc: 0.35 ng/ml



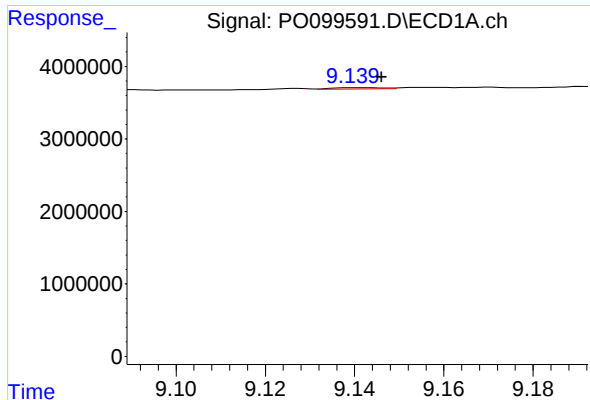
#42 AR-1268-2

R.T.: 8.909 min
Delta R.T.: 0.000 min
Response: 217684
Conc: 2.57 ng/ml



#42 AR-1268-2

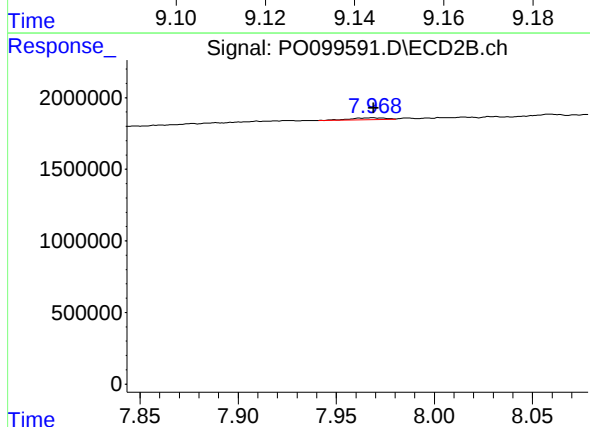
R.T.: 7.755 min
Delta R.T.: -0.001 min
Response: 308419
Conc: 3.13 ng/ml



#43 AR-1268-3

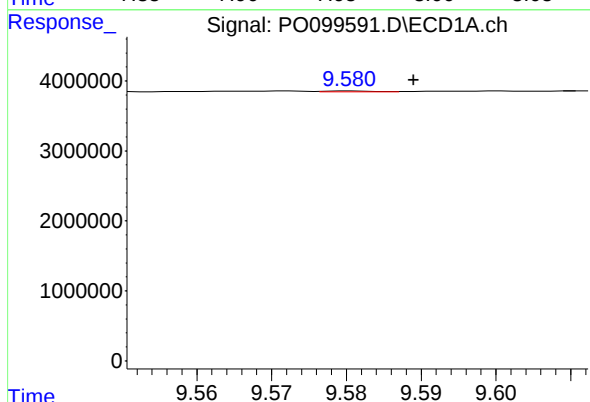
R.T.: 9.140 min
Delta R.T.: -0.006 min
Response: 125306
Conc: 1.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



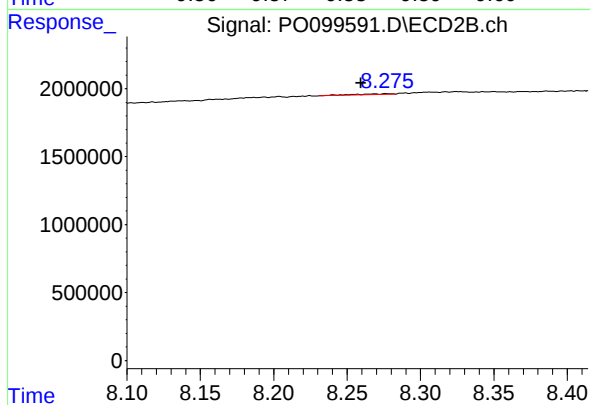
#43 AR-1268-3

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 171395
Conc: 1.81 ng/ml



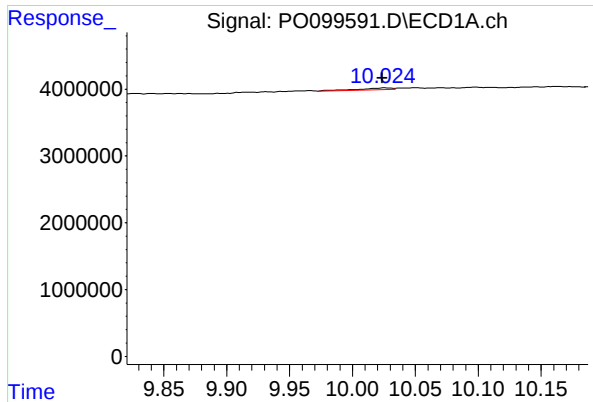
#44 AR-1268-4

R.T.: 9.580 min
Delta R.T.: -0.009 min
Response: 50206
Conc: 2.07 ng/ml



#44 AR-1268-4

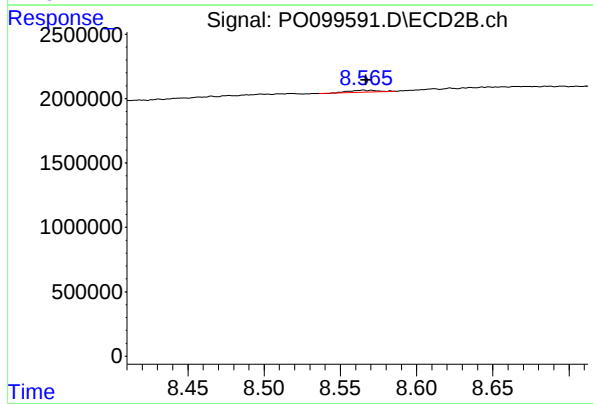
R.T.: 8.277 min
Delta R.T.: 0.017 min
Response: 105192
Conc: 3.51 ng/ml



#45 AR-1268-5

R.T.: 10.026 min
Delta R.T.: 0.002 min
Response: 479881
Conc: 2.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 205624
Conc: 0.82 ng/ml