

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111523\
 Data File : P0099816.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2023 23:54
 Operator : YP/AJ
 Sample : PB157143BL
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 01:57:38 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	3.717	32899294	25048381	19.238	21.206
2) SA Decachlor...	10.370	8.817	20954222	21869326	22.443	22.281
Target Compounds						
3) L1 AR-1016-1	5.683	4.841	29503	34435	0.667	1.293 #
4) L1 AR-1016-2	5.701	4.841	17945	34435	0.263	0.929 #
5) L1 AR-1016-3	5.750	5.019	61889	67288	1.354	3.408 #
6) L1 AR-1016-4	5.860	5.077	62482	91937	1.810	5.455 #
7) L1 AR-1016-5	6.153	5.274	37780	29877	1.132	1.498 #
8) L2 AR-1221-1	4.702	3.945	10978	74690	0.523	4.946 #
9) L2 AR-1221-2	4.802	4.023	666349	357812	43.381	33.861
10) L2 AR-1221-3	4.863	4.095	26508	23246	0.589	0.763 #
11) L3 AR-1232-1	4.863	4.095	26508	23246	0.718	0.907 #
12) L3 AR-1232-2	5.396	4.841	17490	34435	0.950	1.933 #
13) L3 AR-1232-3	5.701	5.019	17945	67288	0.569	7.341 #
14) L3 AR-1232-4	5.860	5.140	62482	127285	4.087	14.929 #
15) L3 AR-1232-5	5.960	5.274	33655	29877	2.618	3.256
16) L4 AR-1242-1	5.683	4.841	29503	34435	0.805	1.499 #
17) L4 AR-1242-2	5.701	4.841	17945	34435	0.317	1.096 #
18) L4 AR-1242-3	5.750	5.019	61889	67288	1.633	4.021 #
19) L4 AR-1242-4	5.860	5.140	62482	127285	2.179	7.366 #
20) L4 AR-1242-5	6.618	5.597f	51755	21018	2.106	1.056 #
21) L5 AR-1248-1	5.683	4.841	29503	34435	1.098	1.968 #
22) L5 AR-1248-2	5.960	5.077	33655	91937	0.792	3.825 #
23) L5 AR-1248-3	6.153	5.140	37780	127285	0.821	5.152 #
24) L5 AR-1248-4	6.588	5.294	18709	23874	0.451	0.846 #
25) L5 AR-1248-5	6.618	5.723f	51755	851268	1.270	33.497 #
26) L6 AR-1254-1	6.550	5.597f	117559	21018	2.428	0.508 #
27) L6 AR-1254-2	6.766	5.811	108468	221193	1.537	5.825 #
28) L6 AR-1254-3	7.133	6.198	341852	83897	5.036	1.298 #
29) L6 AR-1254-4	7.423	6.434	29595	61926	0.747	1.807 #
30) L6 AR-1254-5	7.865	6.884	161984	105519	3.299	1.720 #
31) L7 AR-1260-1	7.315	6.335	72834	40225	1.305	0.836 #
32) L7 AR-1260-2	7.557	6.499	30916	343882	0.512	6.064 #
33) L7 AR-1260-3	7.931	6.683	69517	-8545	1.663	N.D. #
34) L7 AR-1260-4	8.156	7.152	50418	28799	1.024	0.653 #
35) L7 AR-1260-5	8.505	7.401	73292	91300	0.873	0.919
36) L8 AR-1262-1	7.865	6.823	161984	26727	3.615	0.821 #
37) L8 AR-1262-2	8.505	7.152	73292	28799	0.711	0.441 #
38) L8 AR-1262-3	8.814	7.707	36897	37573	0.503	0.731 #
39) L8 AR-1262-4	8.891	7.743	46271	41615	0.798	0.467 #
40) L8 AR-1262-5	9.587	8.235	33668	84472	1.029	2.167 #
41) L9 AR-1268-1	8.814	7.707	36897	37573	0.278	0.263

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111523\
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Integration File signal 1: autoint1.e
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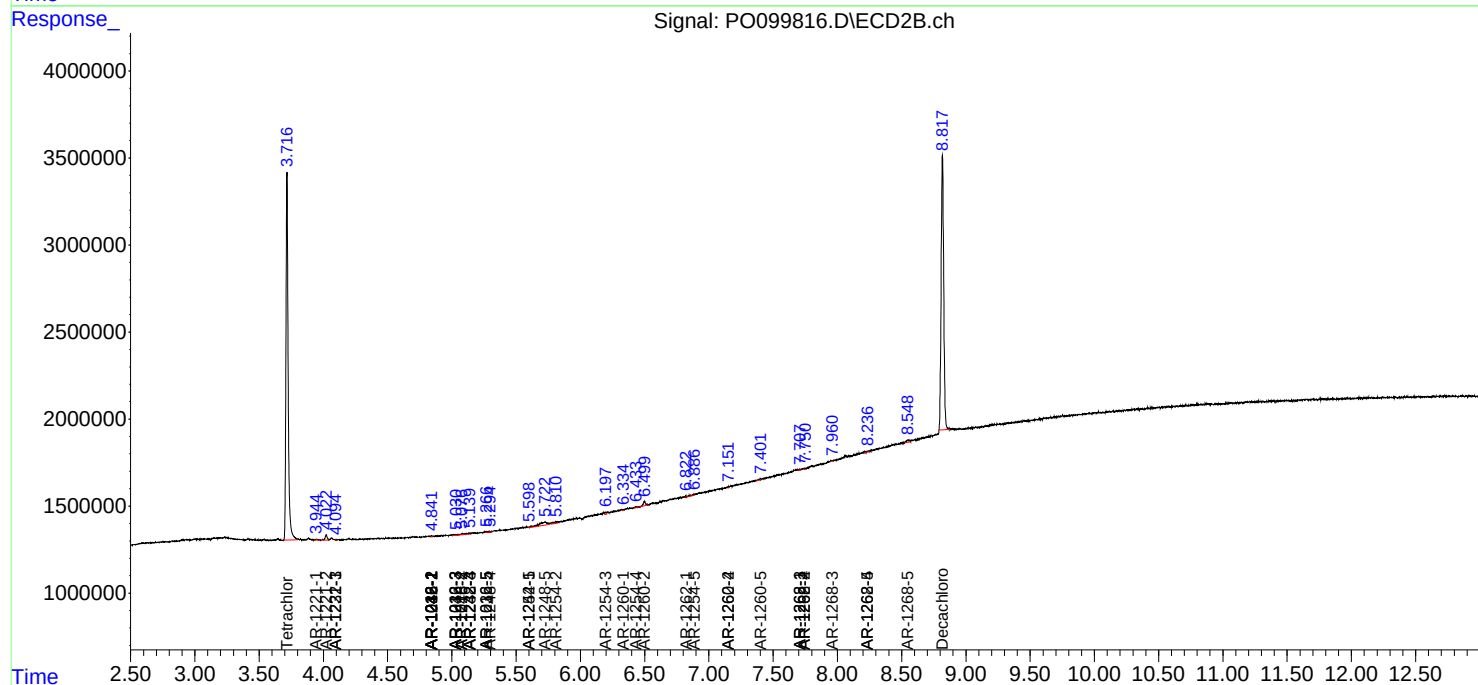
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

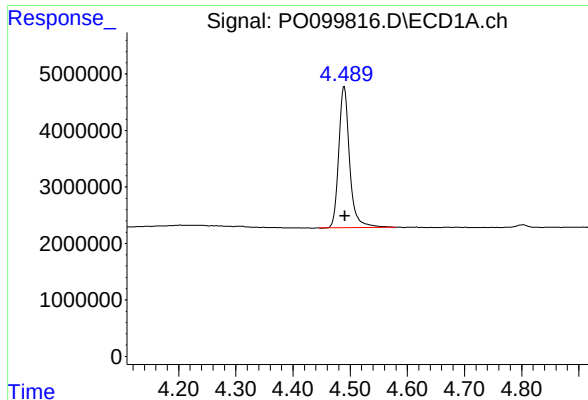
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.891	7.743	46271	41615	0.403	0.320
43) L9	AR-1268-3	9.134	7.960	86679	32915	0.796	0.270 #
44) L9	AR-1268-4	9.587	8.235	33668	84472	0.964	1.959 #
45) L9	AR-1268-5	10.015	8.547	76341	208115	0.239	0.599 #

(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

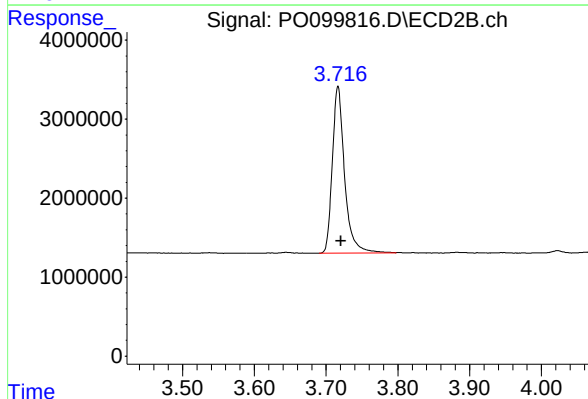




#1 Tetrachloro-m-xylene

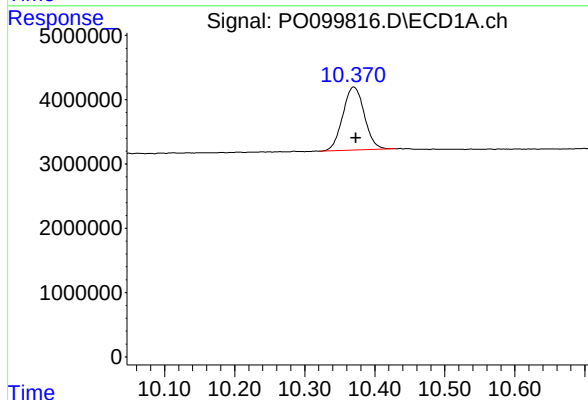
R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 32899294
Conc: 19.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



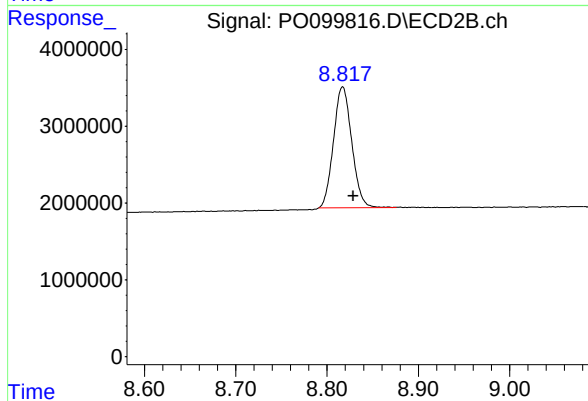
#1 Tetrachloro-m-xylene

R.T.: 3.717 min
Delta R.T.: -0.004 min
Response: 25048381
Conc: 21.21 ng/ml



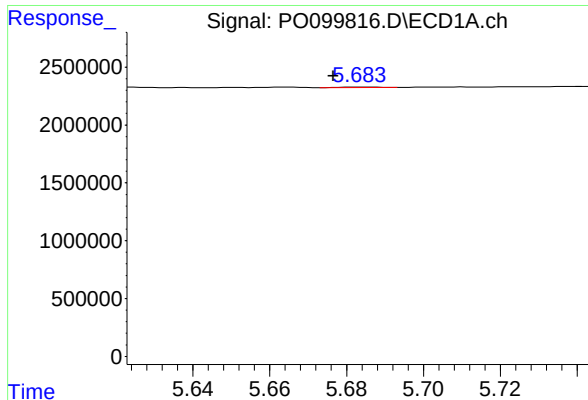
#2 Decachlorobiphenyl

R.T.: 10.370 min
Delta R.T.: -0.003 min
Response: 20954222
Conc: 22.44 ng/ml



#2 Decachlorobiphenyl

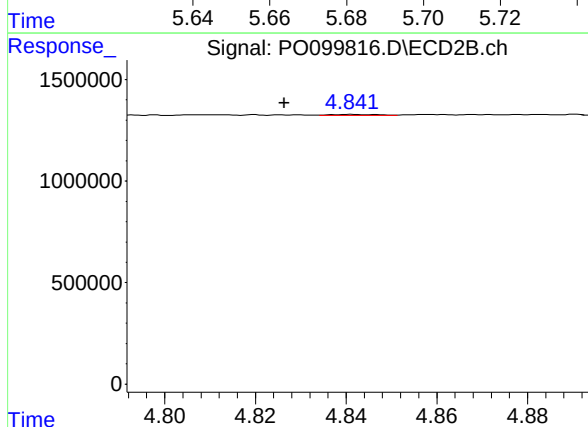
R.T.: 8.817 min
Delta R.T.: -0.012 min
Response: 21869326
Conc: 22.28 ng/ml



#3 AR-1016-1

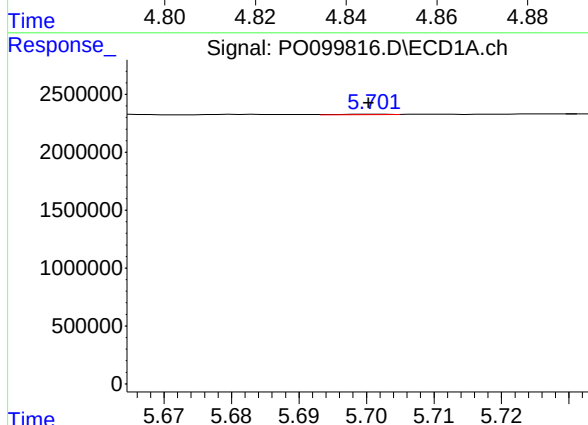
R.T.: 5.683 min
Delta R.T.: 0.006 min
Response: 29503
Conc: 0.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



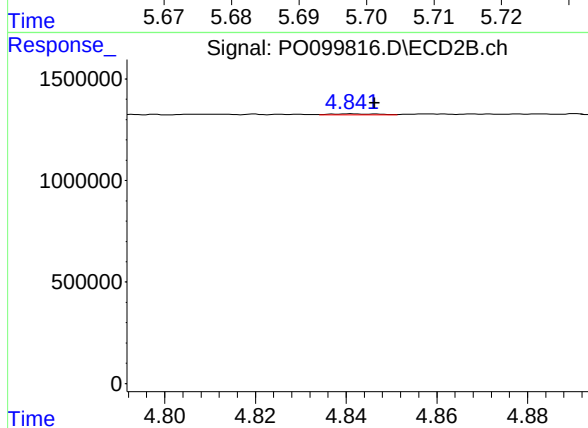
#3 AR-1016-1

R.T.: 4.841 min
Delta R.T.: 0.015 min
Response: 34435
Conc: 1.29 ng/ml



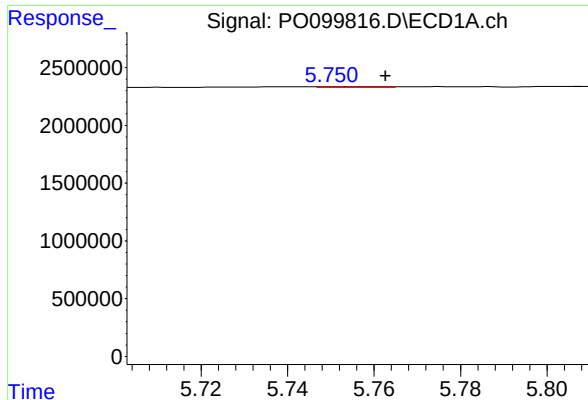
#4 AR-1016-2

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 17945
Conc: 0.26 ng/ml



#4 AR-1016-2

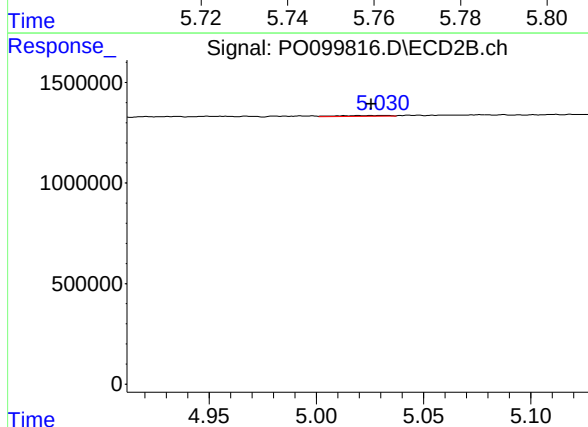
R.T.: 4.841 min
Delta R.T.: -0.005 min
Response: 34435
Conc: 0.93 ng/ml



#5 AR-1016-3

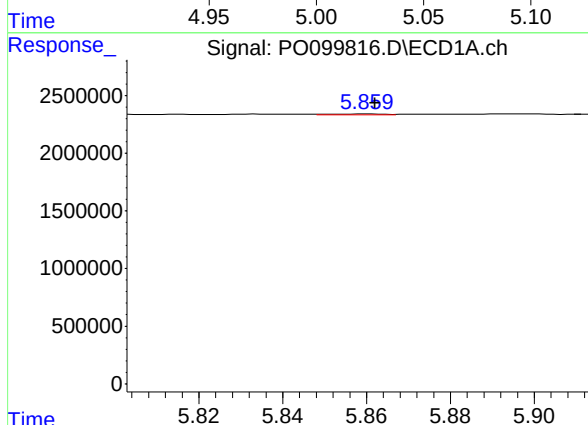
R.T.: 5.750 min
Delta R.T.: -0.012 min
Response: 61889
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



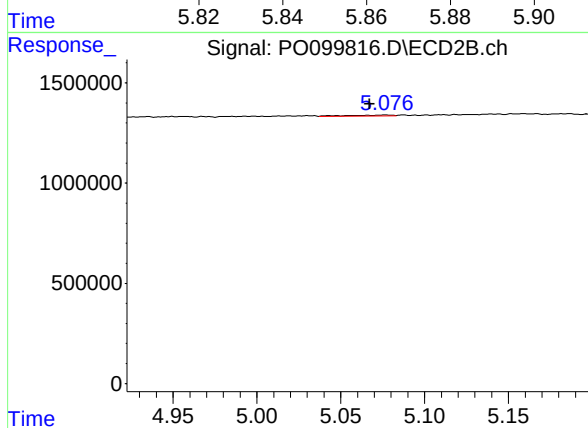
#5 AR-1016-3

R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 67288
Conc: 3.41 ng/ml



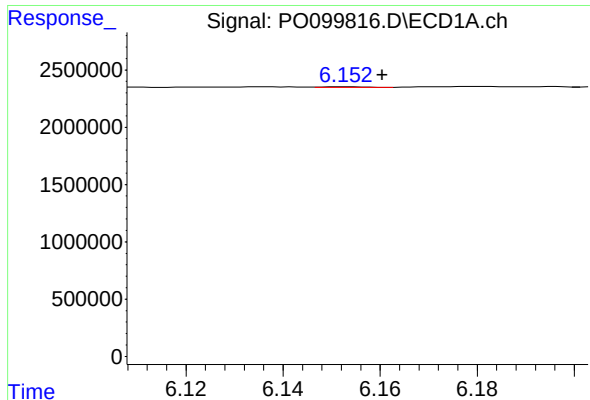
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 62482
Conc: 1.81 ng/ml



#6 AR-1016-4

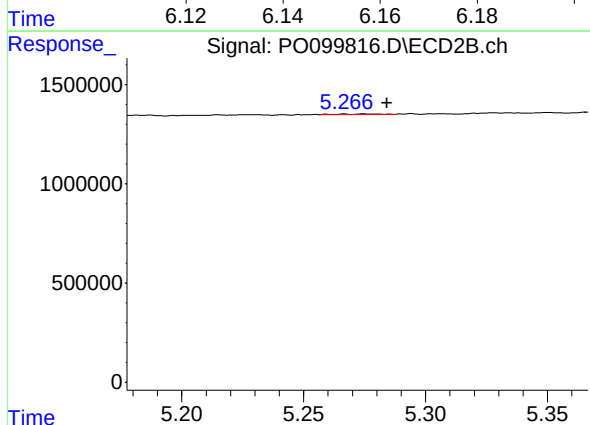
R.T.: 5.077 min
Delta R.T.: 0.010 min
Response: 91937
Conc: 5.45 ng/ml



#7 AR-1016-5

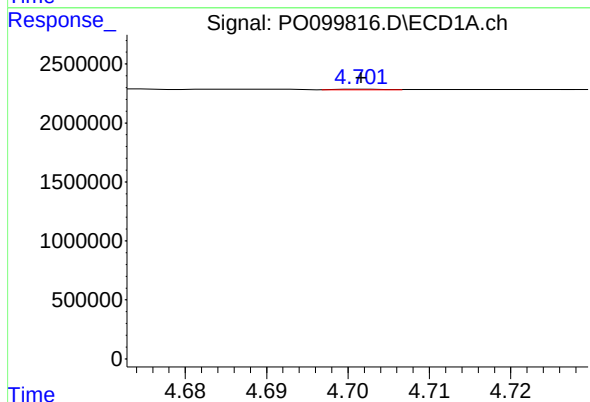
R.T.: 6.153 min
Delta R.T.: -0.008 min
Response: 37780
Conc: 1.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



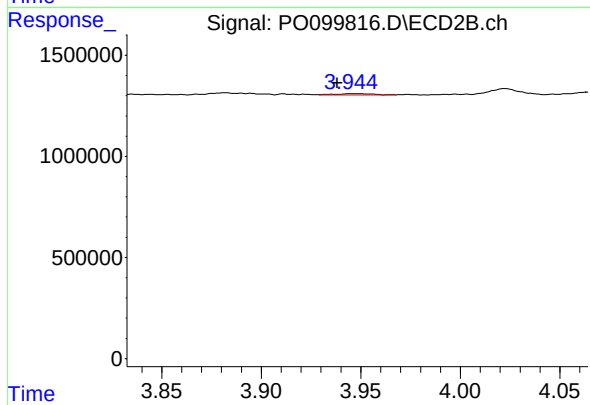
#7 AR-1016-5

R.T.: 5.274 min
Delta R.T.: -0.010 min
Response: 29877
Conc: 1.50 ng/ml



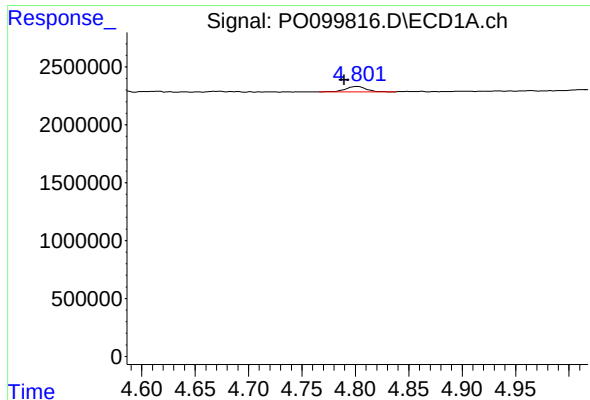
#8 AR-1221-1

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 10978
Conc: 0.52 ng/ml



#8 AR-1221-1

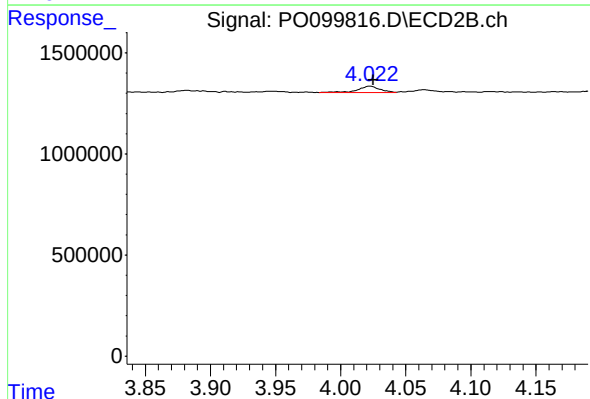
R.T.: 3.945 min
Delta R.T.: 0.007 min
Response: 74690
Conc: 4.95 ng/ml



#9 AR-1221-2

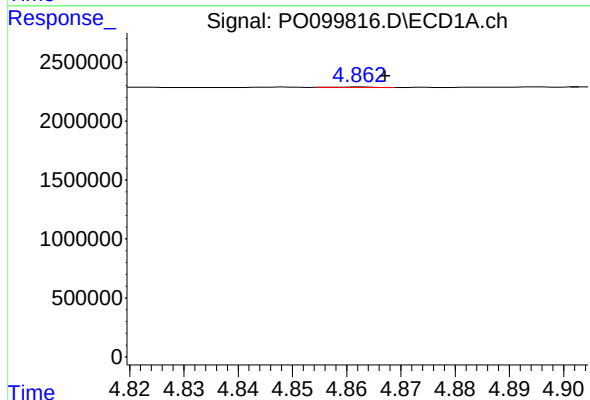
R.T.: 4.802 min
Delta R.T.: 0.012 min
Response: 666349
Conc: 43.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



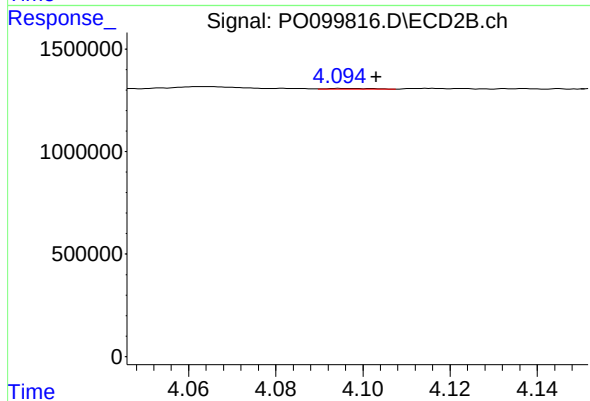
#9 AR-1221-2

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 357812
Conc: 33.86 ng/ml



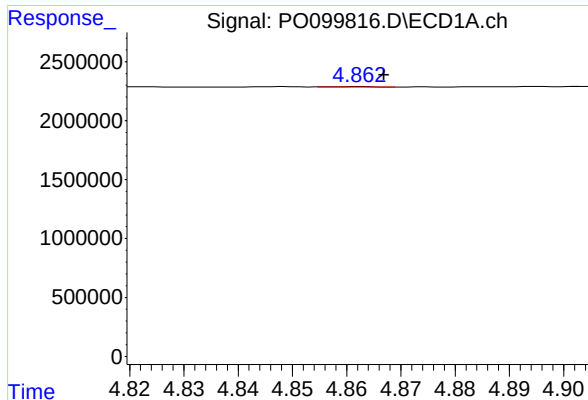
#10 AR-1221-3

R.T.: 4.863 min
Delta R.T.: -0.005 min
Response: 26508
Conc: 0.59 ng/ml



#10 AR-1221-3

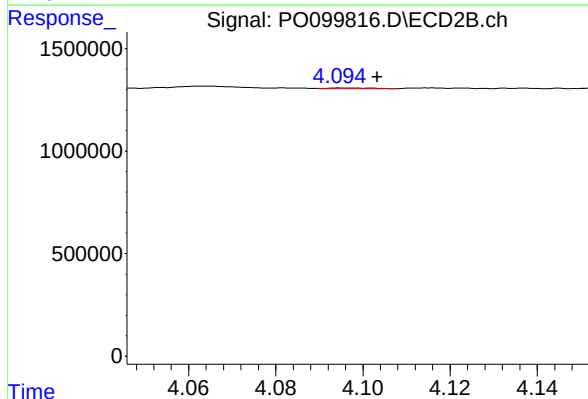
R.T.: 4.095 min
Delta R.T.: -0.008 min
Response: 23246
Conc: 0.76 ng/ml



#11 AR-1232-1

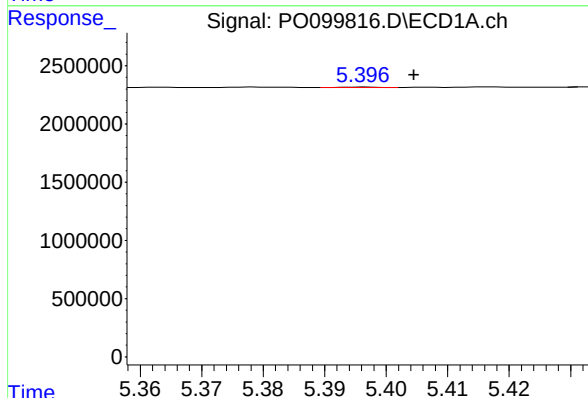
R.T.: 4.863 min
Delta R.T.: -0.004 min
Response: 26508
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



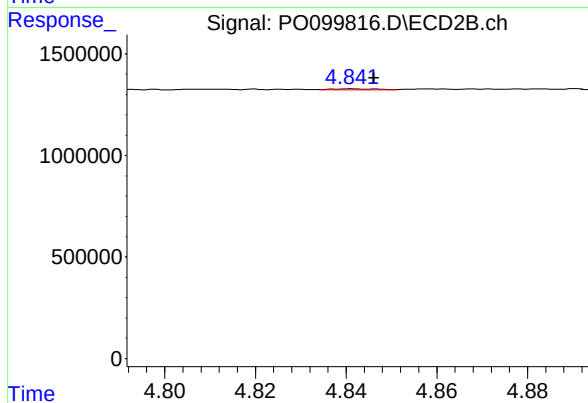
#11 AR-1232-1

R.T.: 4.095 min
Delta R.T.: -0.009 min
Response: 23246
Conc: 0.91 ng/ml



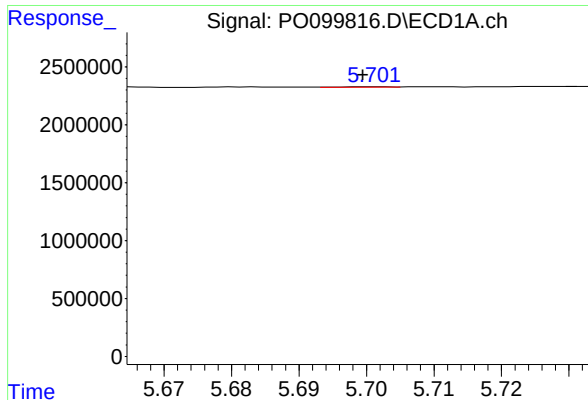
#12 AR-1232-2

R.T.: 5.396 min
Delta R.T.: -0.008 min
Response: 17490
Conc: 0.95 ng/ml



#12 AR-1232-2

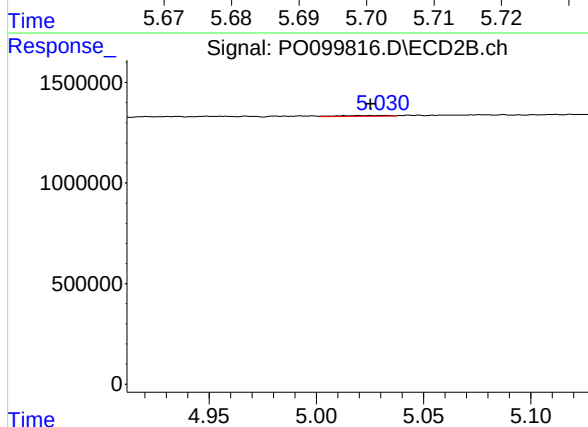
R.T.: 4.841 min
Delta R.T.: -0.005 min
Response: 34435
Conc: 1.93 ng/ml



#13 AR-1232-3

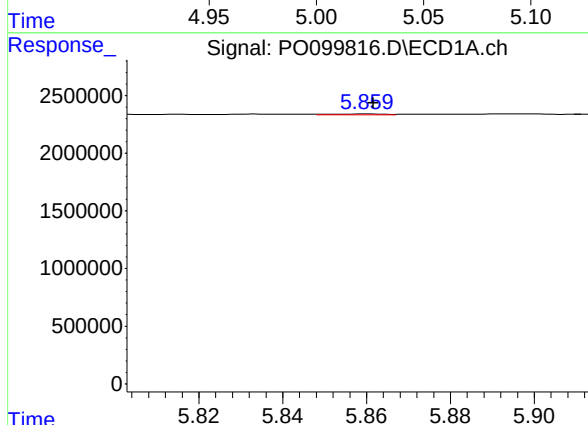
R.T.: 5.701 min
Delta R.T.: 0.002 min
Response: 17945
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



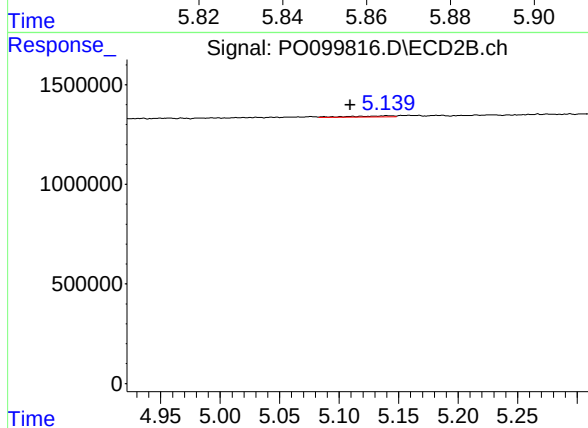
#13 AR-1232-3

R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 67288
Conc: 7.34 ng/ml



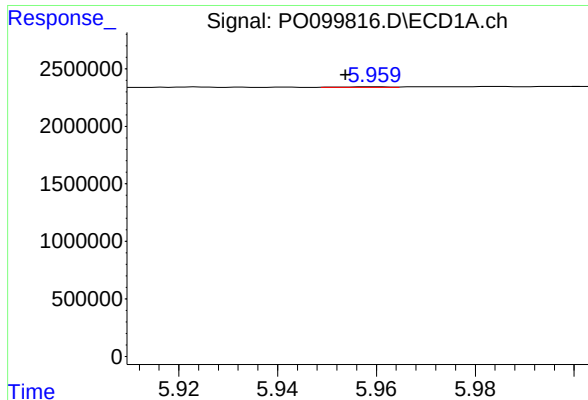
#14 AR-1232-4

R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 62482
Conc: 4.09 ng/ml



#14 AR-1232-4

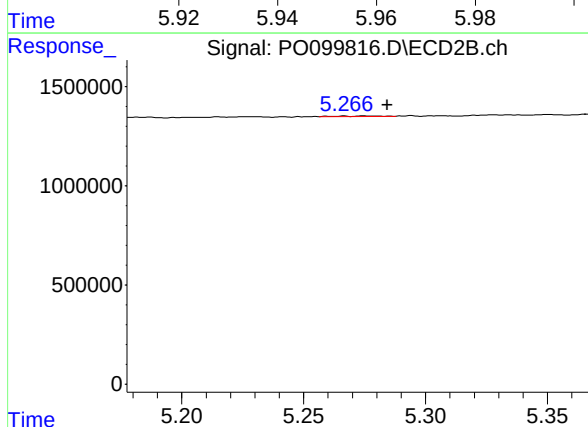
R.T.: 5.140 min
Delta R.T.: 0.030 min
Response: 127285
Conc: 14.93 ng/ml



#15 AR-1232-5

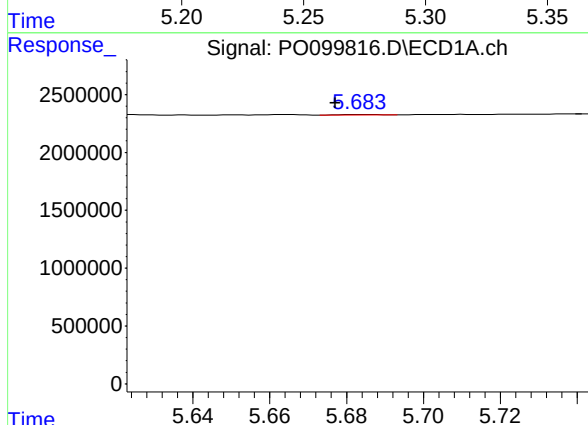
R.T.: 5.960 min
Delta R.T.: 0.006 min
Response: 33655
Conc: 2.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



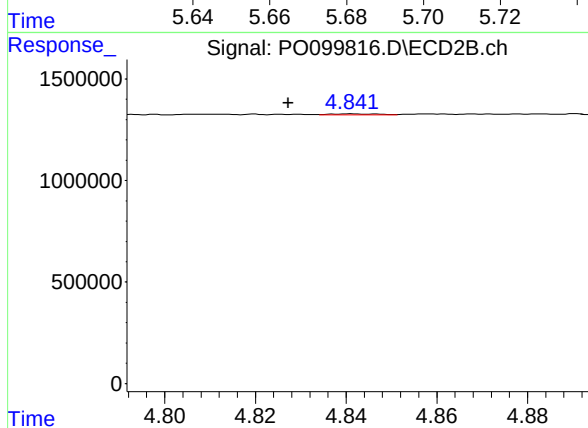
#15 AR-1232-5

R.T.: 5.274 min
Delta R.T.: -0.010 min
Response: 29877
Conc: 3.26 ng/ml



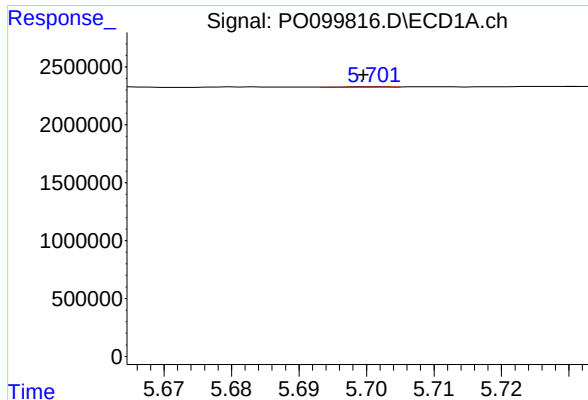
#16 AR-1242-1

R.T.: 5.683 min
Delta R.T.: 0.006 min
Response: 29503
Conc: 0.81 ng/ml



#16 AR-1242-1

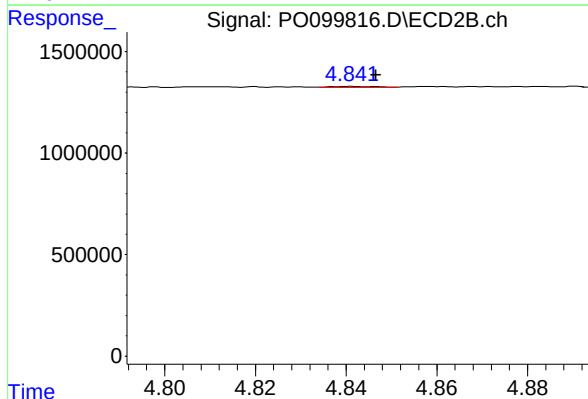
R.T.: 4.841 min
Delta R.T.: 0.014 min
Response: 34435
Conc: 1.50 ng/ml



#17 AR-1242-2

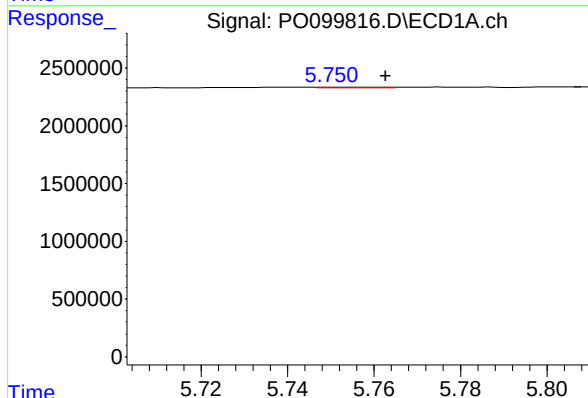
R.T.: 5.701 min
Delta R.T.: 0.002 min
Response: 17945
Conc: 0.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



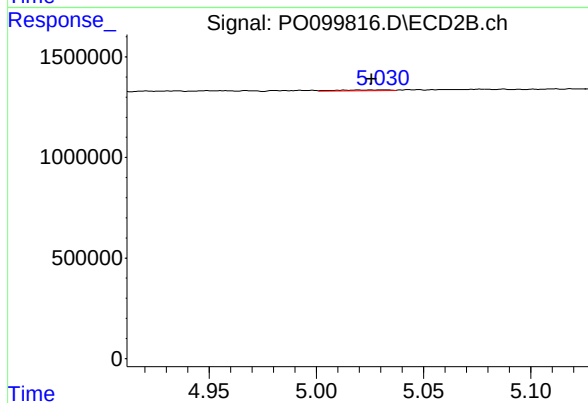
#17 AR-1242-2

R.T.: 4.841 min
Delta R.T.: -0.005 min
Response: 34435
Conc: 1.10 ng/ml



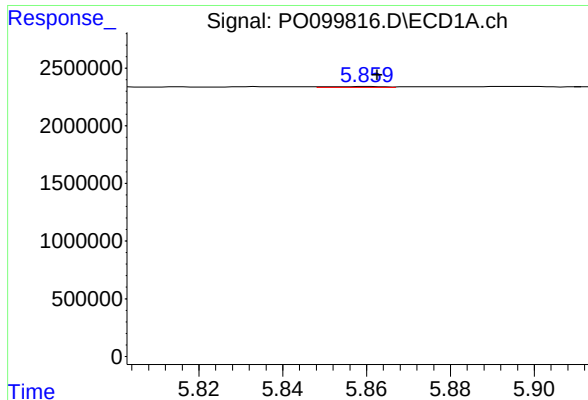
#18 AR-1242-3

R.T.: 5.750 min
Delta R.T.: -0.012 min
Response: 61889
Conc: 1.63 ng/ml



#18 AR-1242-3

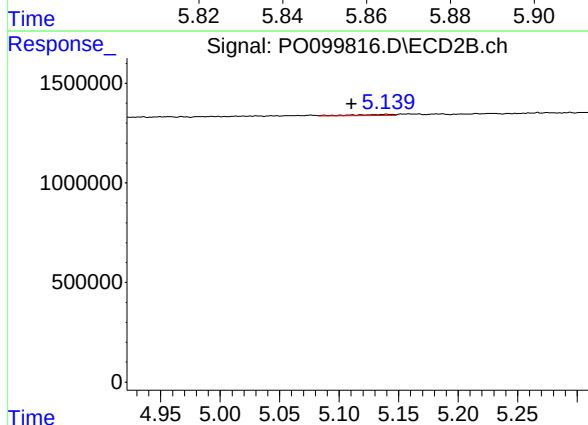
R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 67288
Conc: 4.02 ng/ml



#19 AR-1242-4

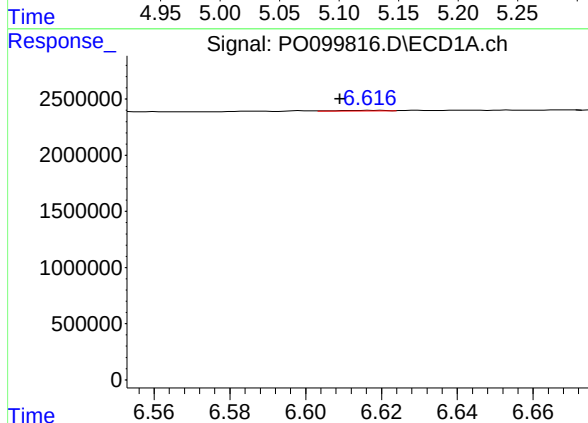
R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 62482
Conc: 2.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



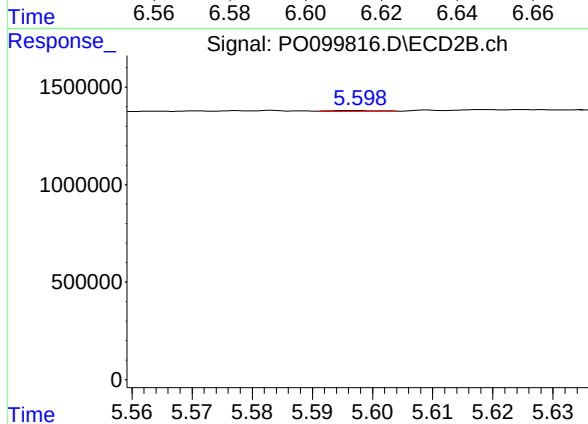
#19 AR-1242-4

R.T.: 5.140 min
Delta R.T.: 0.029 min
Response: 127285
Conc: 7.37 ng/ml



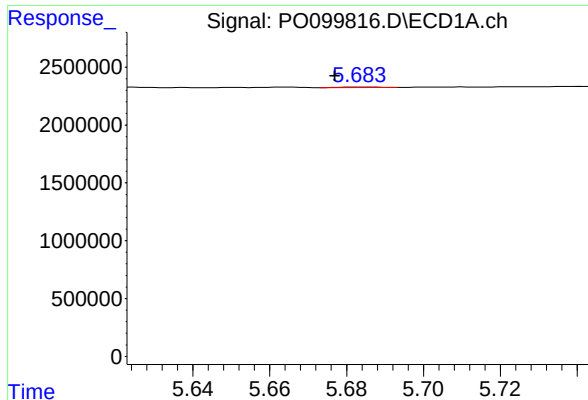
#20 AR-1242-5

R.T.: 6.618 min
Delta R.T.: 0.009 min
Response: 51755
Conc: 2.11 ng/ml



#20 AR-1242-5

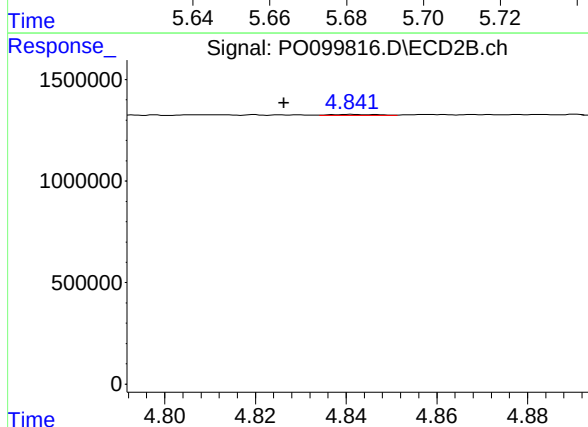
R.T.: 5.597 min
Delta R.T.: -0.044 min
Response: 21018
Conc: 1.06 ng/ml



#21 AR-1248-1

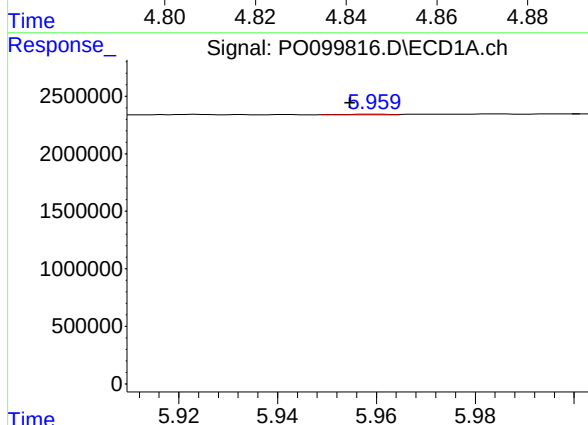
R.T.: 5.683 min
Delta R.T.: 0.006 min
Response: 29503
Conc: 1.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



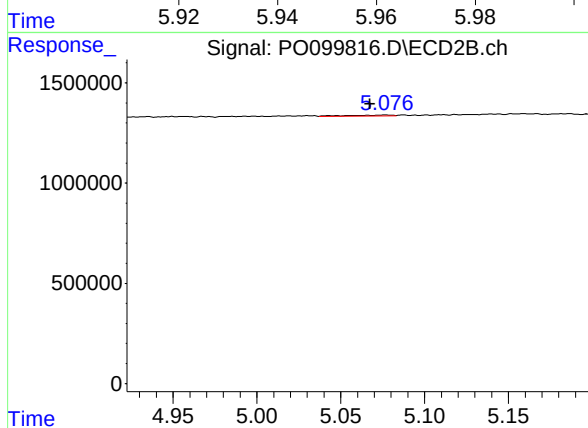
#21 AR-1248-1

R.T.: 4.841 min
Delta R.T.: 0.015 min
Response: 34435
Conc: 1.97 ng/ml



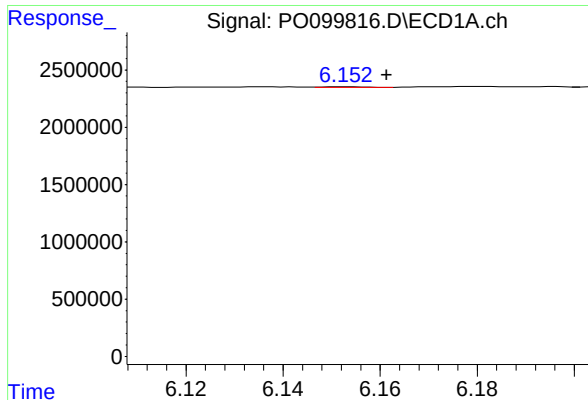
#22 AR-1248-2

R.T.: 5.960 min
Delta R.T.: 0.005 min
Response: 33655
Conc: 0.79 ng/ml



#22 AR-1248-2

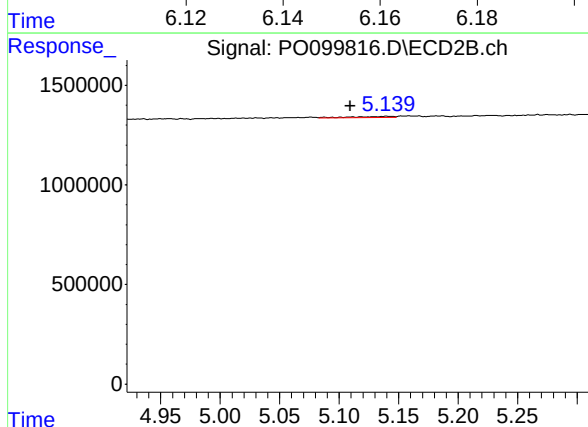
R.T.: 5.077 min
Delta R.T.: 0.009 min
Response: 91937
Conc: 3.82 ng/ml



#23 AR-1248-3

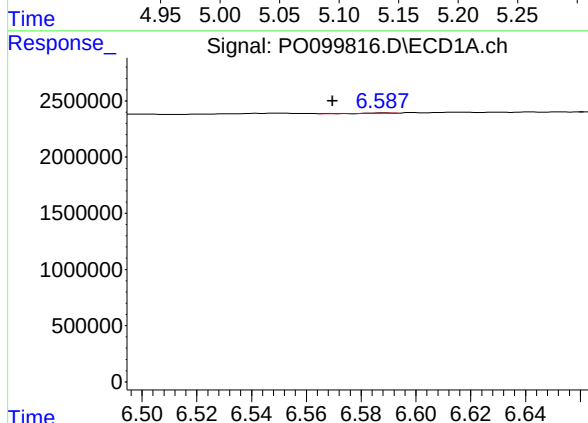
R.T.: 6.153 min
Delta R.T.: -0.008 min
Response: 37780
Conc: 0.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



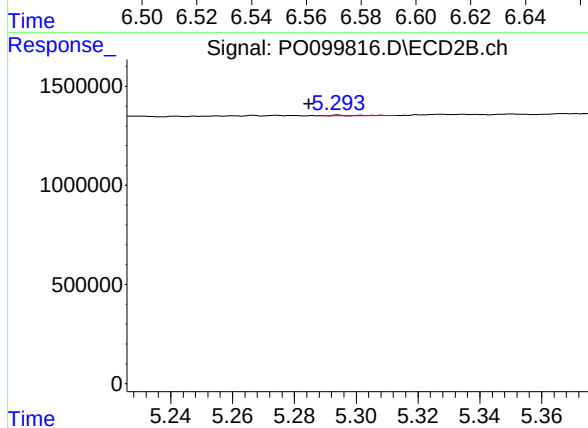
#23 AR-1248-3

R.T.: 5.140 min
Delta R.T.: 0.030 min
Response: 127285
Conc: 5.15 ng/ml



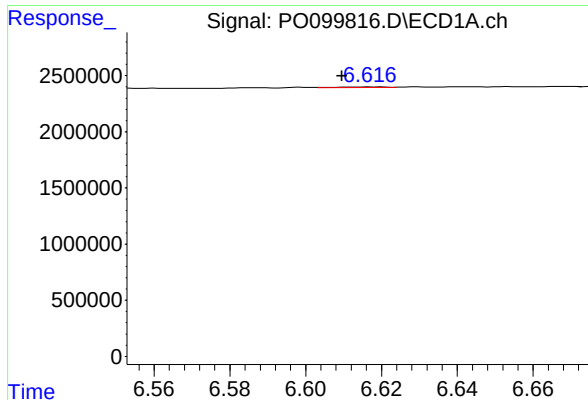
#24 AR-1248-4

R.T.: 6.588 min
Delta R.T.: 0.019 min
Response: 18709
Conc: 0.45 ng/ml



#24 AR-1248-4

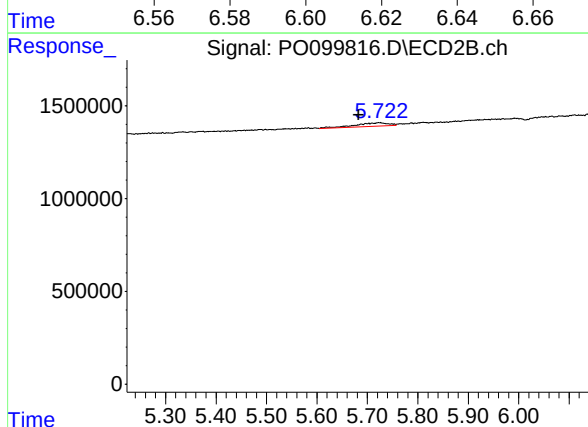
R.T.: 5.294 min
Delta R.T.: 0.010 min
Response: 23874
Conc: 0.85 ng/ml



#25 AR-1248-5

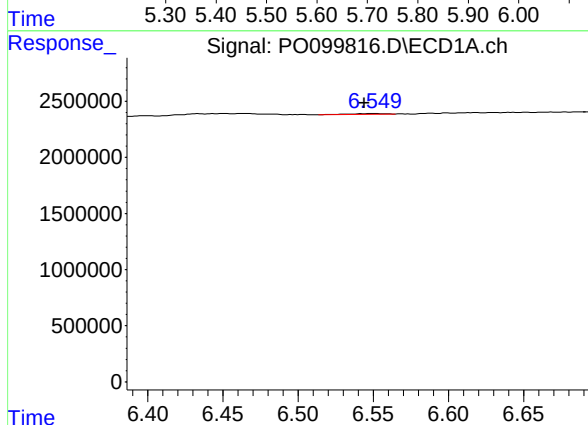
R.T.: 6.618 min
Delta R.T.: 0.009 min
Response: 51755
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



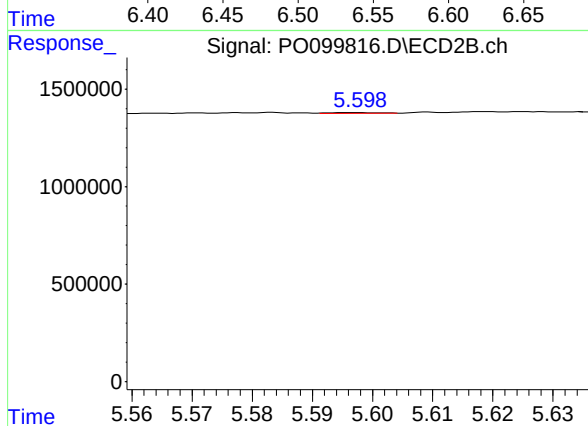
#25 AR-1248-5

R.T.: 5.723 min
Delta R.T.: 0.040 min
Response: 851268
Conc: 33.50 ng/ml



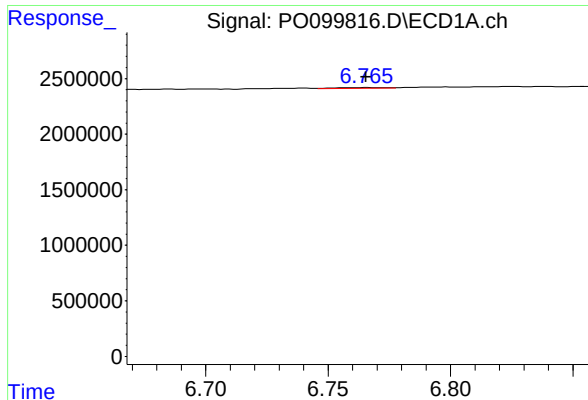
#26 AR-1254-1

R.T.: 6.550 min
Delta R.T.: 0.006 min
Response: 117559
Conc: 2.43 ng/ml



#26 AR-1254-1

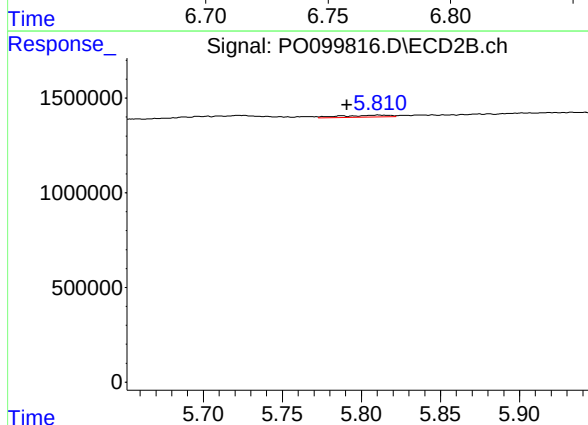
R.T.: 5.597 min
Delta R.T.: -0.045 min
Response: 21018
Conc: 0.51 ng/ml



#27 AR-1254-2

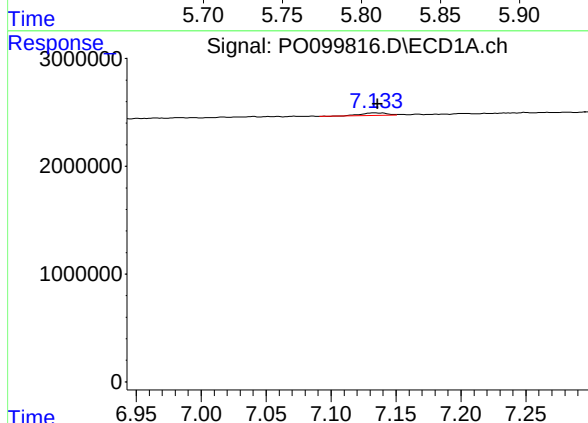
R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 108468
Conc: 1.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



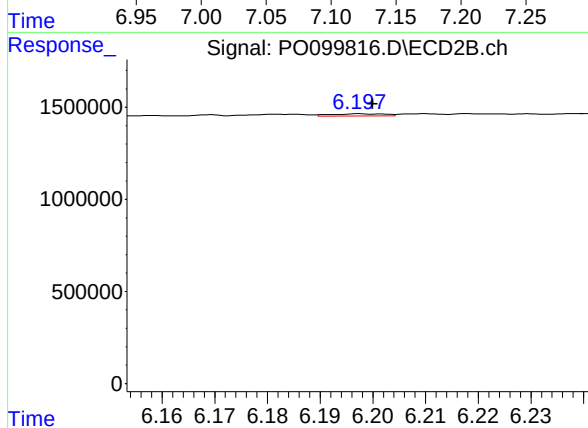
#27 AR-1254-2

R.T.: 5.811 min
Delta R.T.: 0.020 min
Response: 221193
Conc: 5.82 ng/ml



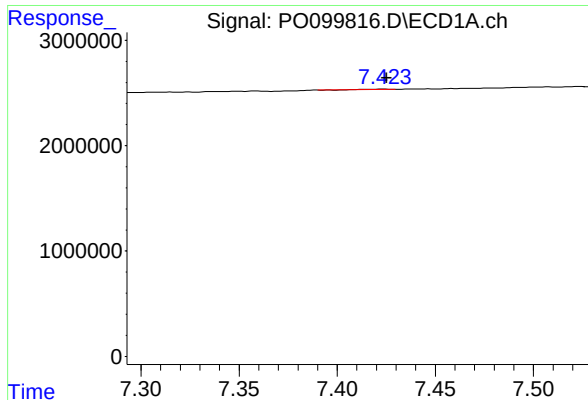
#28 AR-1254-3

R.T.: 7.133 min
Delta R.T.: -0.002 min
Response: 341852
Conc: 5.04 ng/ml



#28 AR-1254-3

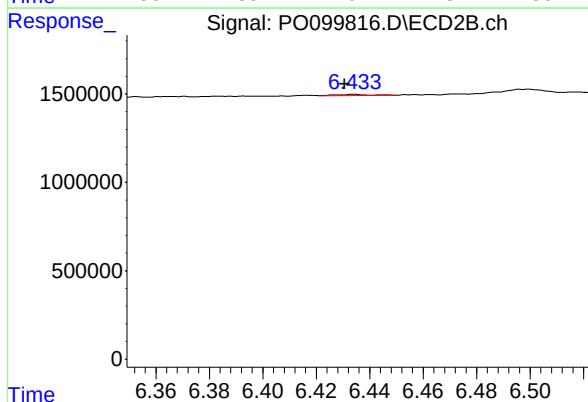
R.T.: 6.198 min
Delta R.T.: -0.002 min
Response: 83897
Conc: 1.30 ng/ml



#29 AR-1254-4

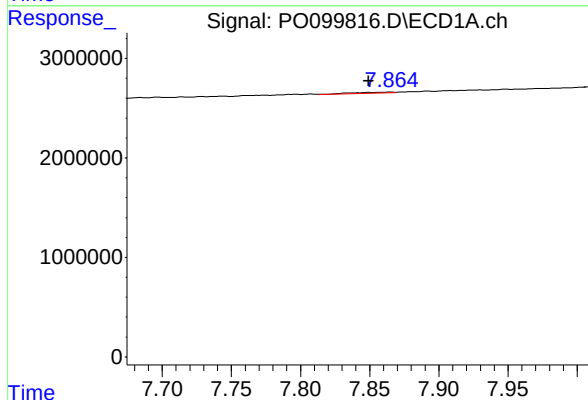
R.T.: 7.423 min
Delta R.T.: -0.002 min
Response: 29595
Conc: 0.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



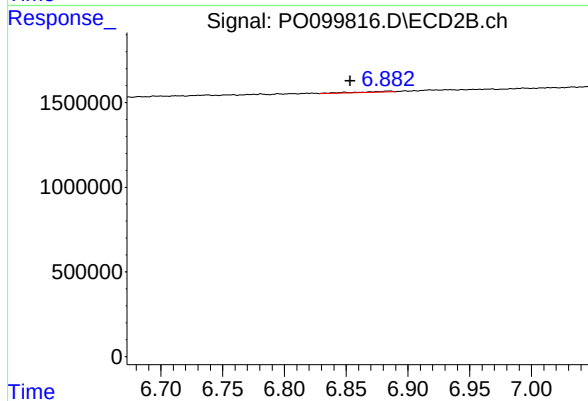
#29 AR-1254-4

R.T.: 6.434 min
Delta R.T.: 0.003 min
Response: 61926
Conc: 1.81 ng/ml



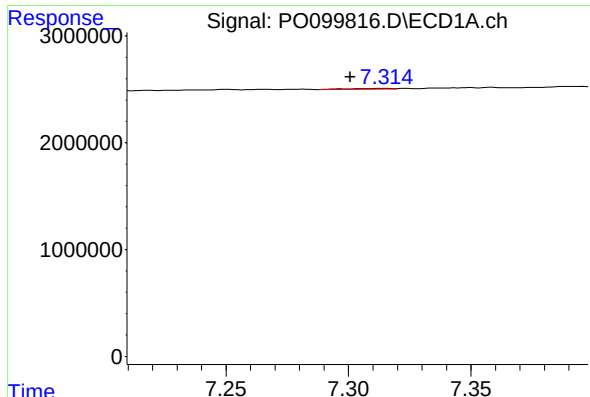
#30 AR-1254-5

R.T.: 7.865 min
Delta R.T.: 0.016 min
Response: 161984
Conc: 3.30 ng/ml



#30 AR-1254-5

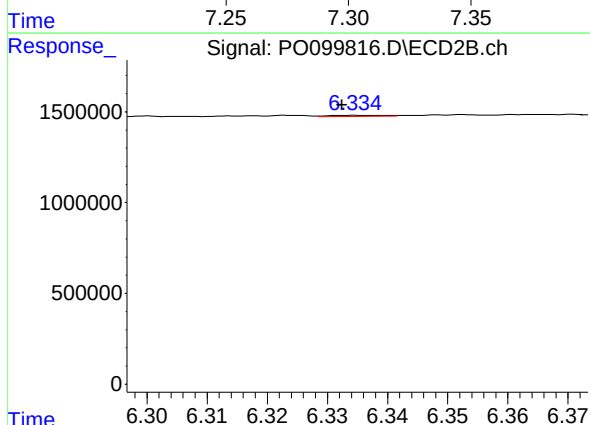
R.T.: 6.884 min
Delta R.T.: 0.031 min
Response: 105519
Conc: 1.72 ng/ml



#31 AR-1260-1

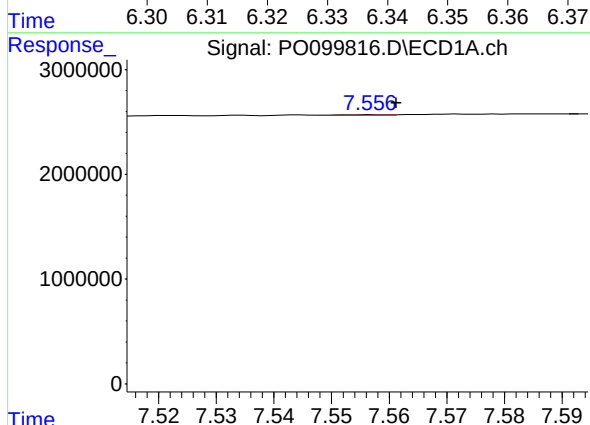
R.T.: 7.315 min
Delta R.T.: 0.014 min
Response: 72834
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



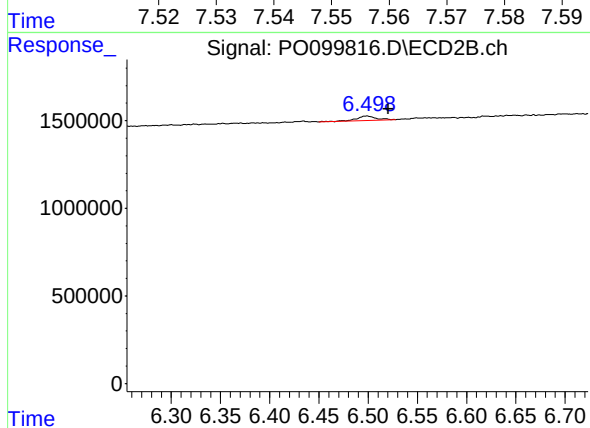
#31 AR-1260-1

R.T.: 6.335 min
Delta R.T.: 0.003 min
Response: 40225
Conc: 0.84 ng/ml



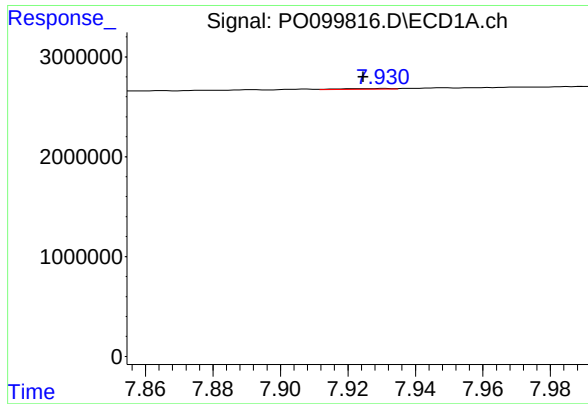
#32 AR-1260-2

R.T.: 7.557 min
Delta R.T.: -0.004 min
Response: 30916
Conc: 0.51 ng/ml



#32 AR-1260-2

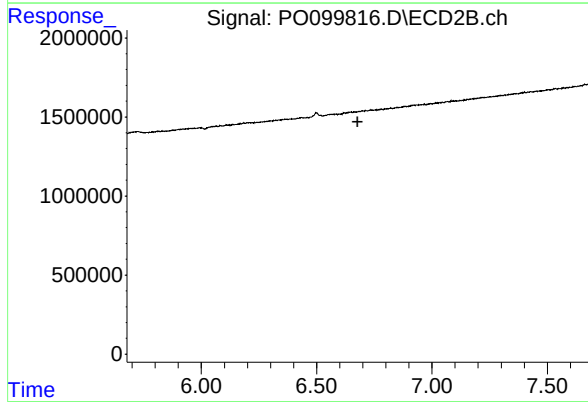
R.T.: 6.499 min
Delta R.T.: -0.022 min
Response: 343882
Conc: 6.06 ng/ml



#33 AR-1260-3

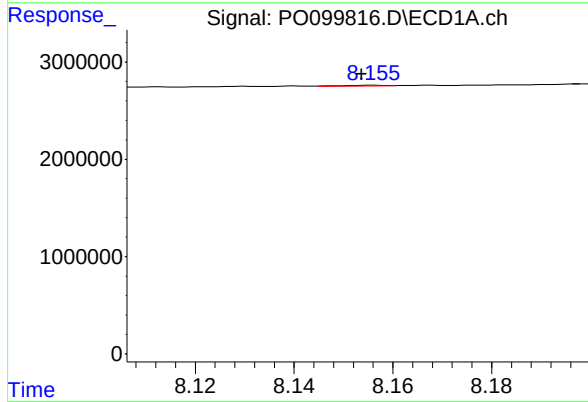
R.T.: 7.931 min
Delta R.T.: 0.007 min
Response: 69517
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



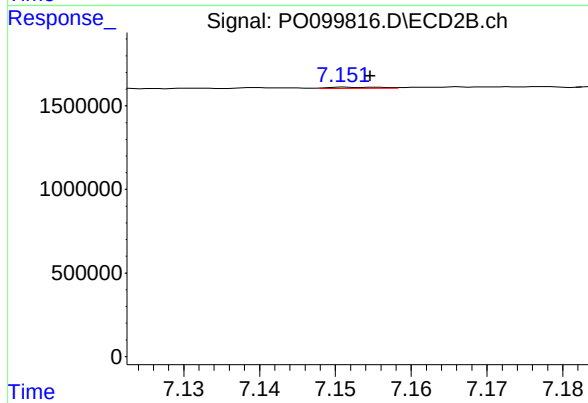
#33 AR-1260-3

R.T.: 6.683 min
Delta R.T.: 0.006 min
Response: -8545
Conc: N.D.



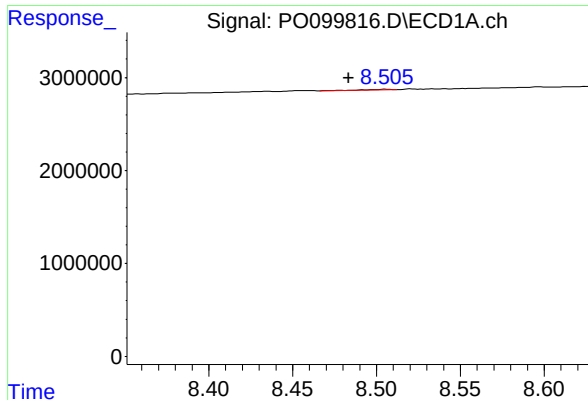
#34 AR-1260-4

R.T.: 8.156 min
Delta R.T.: 0.002 min
Response: 50418
Conc: 1.02 ng/ml



#34 AR-1260-4

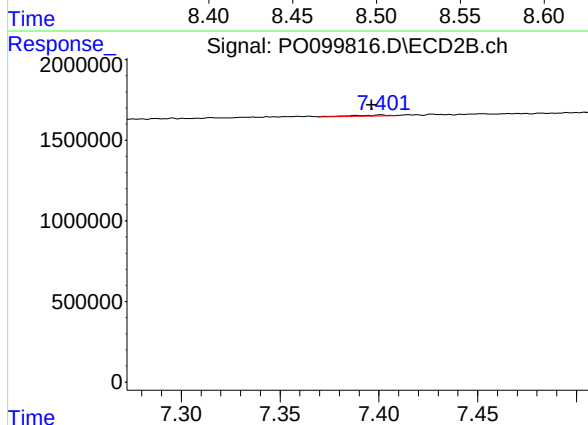
R.T.: 7.152 min
Delta R.T.: -0.003 min
Response: 28799
Conc: 0.65 ng/ml



#35 AR-1260-5

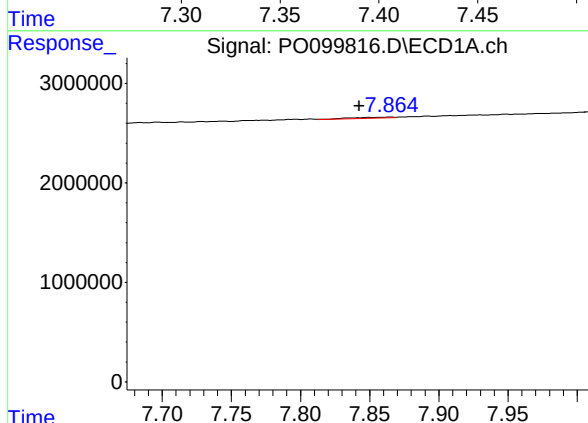
R.T.: 8.505 min
Delta R.T.: 0.022 min
Response: 73292
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



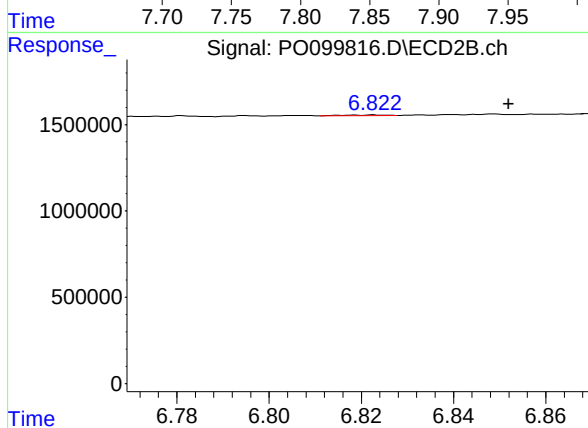
#35 AR-1260-5

R.T.: 7.401 min
Delta R.T.: 0.005 min
Response: 91300
Conc: 0.92 ng/ml



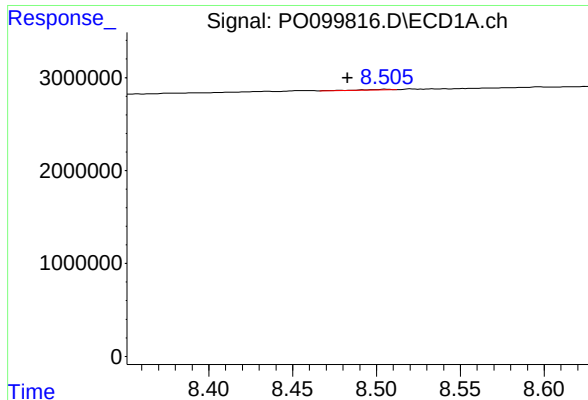
#36 AR-1262-1

R.T.: 7.865 min
Delta R.T.: 0.022 min
Response: 161984
Conc: 3.61 ng/ml



#36 AR-1262-1

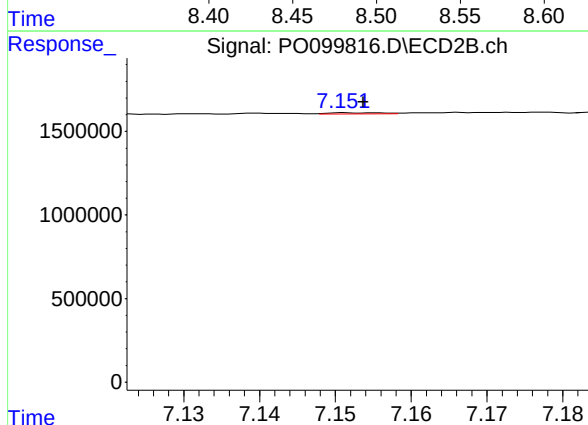
R.T.: 6.823 min
Delta R.T.: -0.029 min
Response: 26727
Conc: 0.82 ng/ml



#37 AR-1262-2

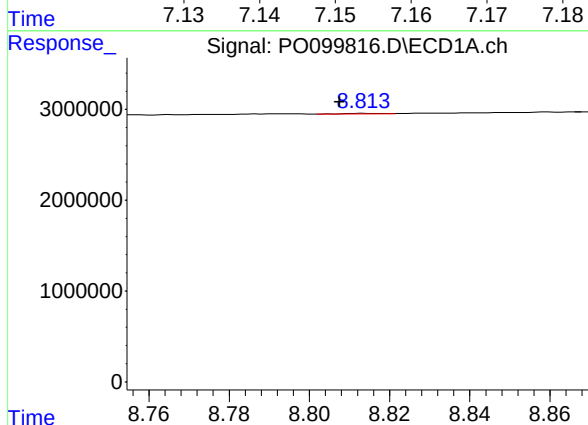
R.T.: 8.505 min
Delta R.T.: 0.023 min
Response: 73292
Conc: 0.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



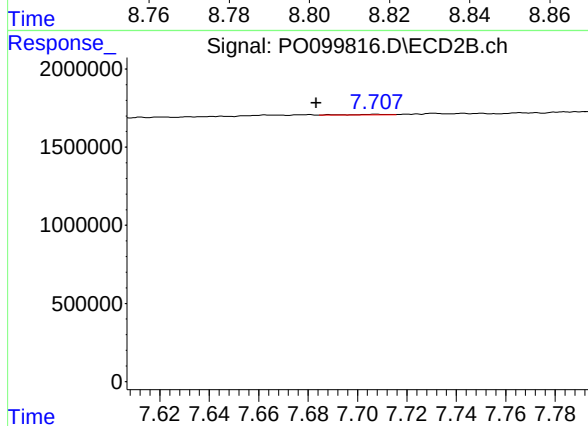
#37 AR-1262-2

R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 28799
Conc: 0.44 ng/ml



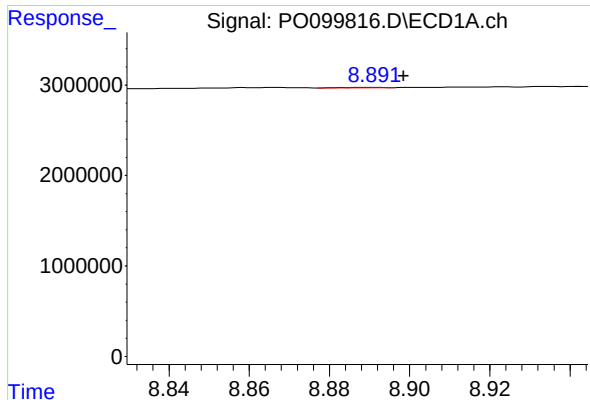
#38 AR-1262-3

R.T.: 8.814 min
Delta R.T.: 0.006 min
Response: 36897
Conc: 0.50 ng/ml



#38 AR-1262-3

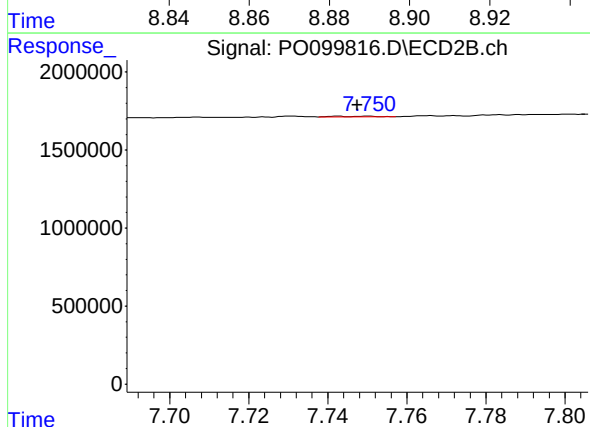
R.T.: 7.707 min
Delta R.T.: 0.024 min
Response: 37573
Conc: 0.73 ng/ml



#39 AR-1262-4

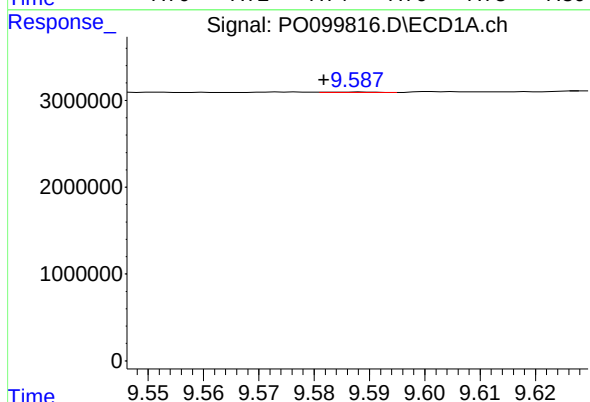
R.T.: 8.891 min
Delta R.T.: -0.007 min
Response: 46271
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



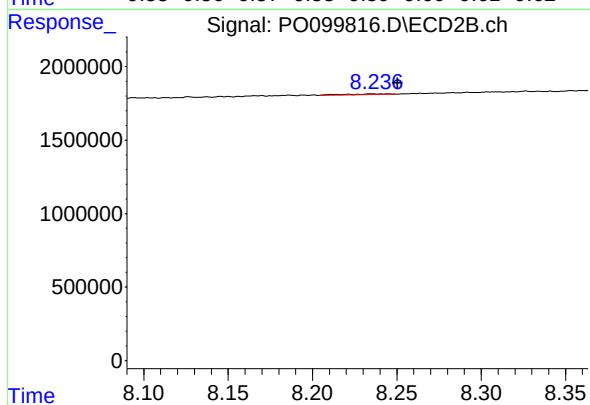
#39 AR-1262-4

R.T.: 7.743 min
Delta R.T.: -0.005 min
Response: 41615
Conc: 0.47 ng/ml



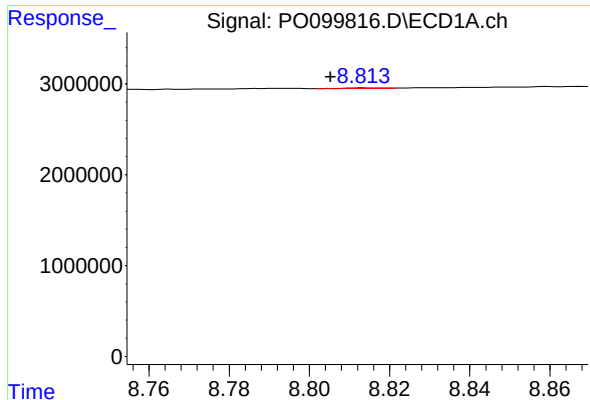
#40 AR-1262-5

R.T.: 9.587 min
Delta R.T.: 0.005 min
Response: 33668
Conc: 1.03 ng/ml



#40 AR-1262-5

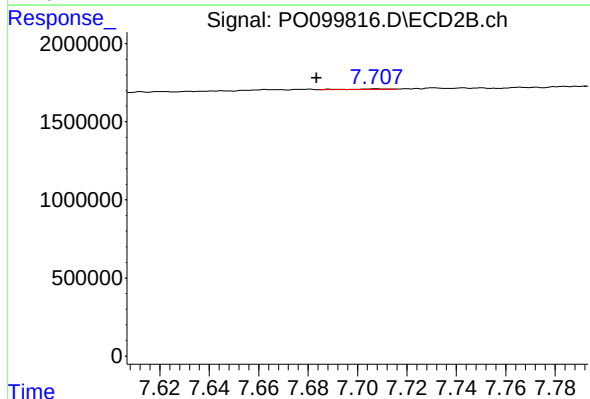
R.T.: 8.235 min
Delta R.T.: -0.015 min
Response: 84472
Conc: 2.17 ng/ml



#41 AR-1268-1

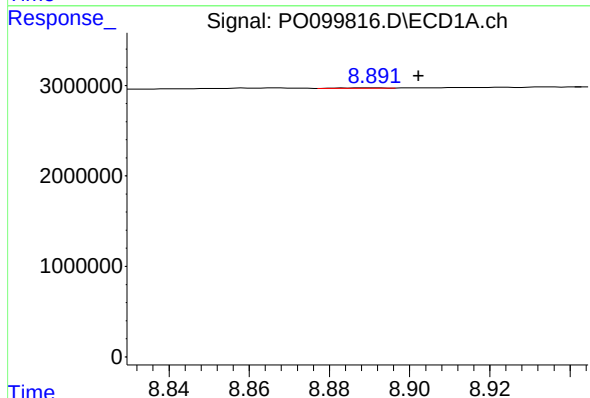
R.T.: 8.814 min
Delta R.T.: 0.009 min
Response: 36897
Conc: 0.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



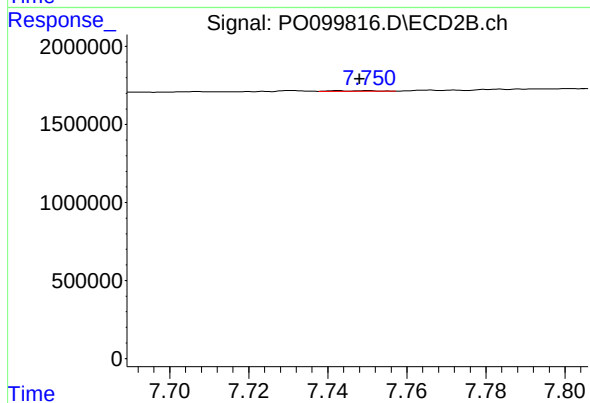
#41 AR-1268-1

R.T.: 7.707 min
Delta R.T.: 0.024 min
Response: 37573
Conc: 0.26 ng/ml



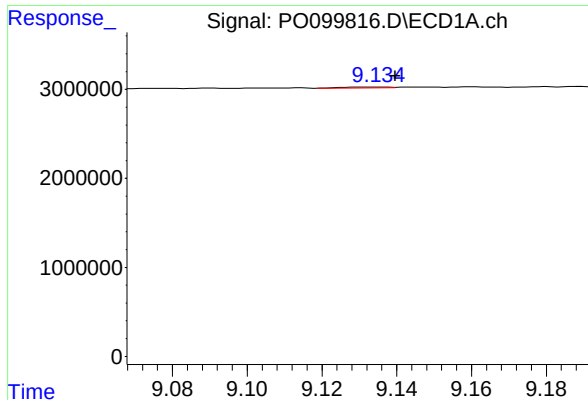
#42 AR-1268-2

R.T.: 8.891 min
Delta R.T.: -0.011 min
Response: 46271
Conc: 0.40 ng/ml



#42 AR-1268-2

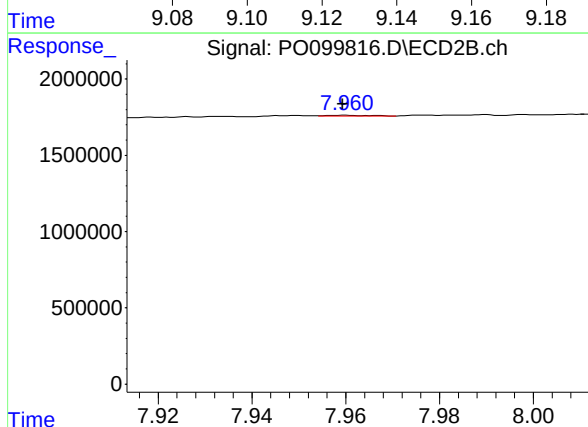
R.T.: 7.743 min
Delta R.T.: -0.005 min
Response: 41615
Conc: 0.32 ng/ml



#43 AR-1268-3

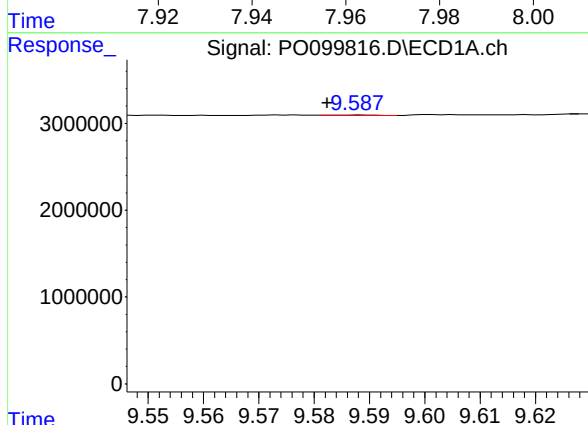
R.T.: 9.134 min
Delta R.T.: -0.005 min
Response: 86679
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



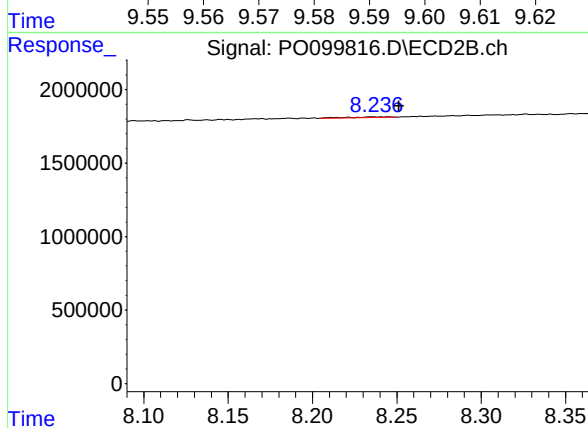
#43 AR-1268-3

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 32915
Conc: 0.27 ng/ml



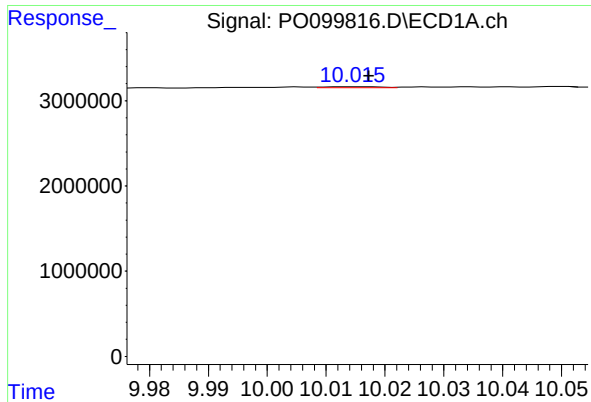
#44 AR-1268-4

R.T.: 9.587 min
Delta R.T.: 0.005 min
Response: 33668
Conc: 0.96 ng/ml



#44 AR-1268-4

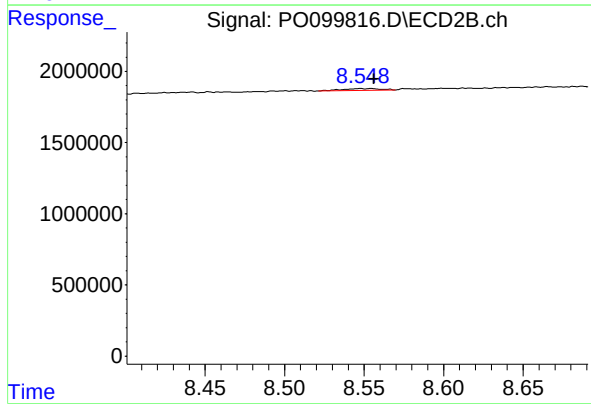
R.T.: 8.235 min
Delta R.T.: -0.016 min
Response: 84472
Conc: 1.96 ng/ml



#45 AR-1268-5

R.T.: 10.015 min
Delta R.T.: -0.002 min
Response: 76341
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.547 min
Delta R.T.: -0.009 min
Response: 208115
Conc: 0.60 ng/ml