

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0120623\
 Data File : P0100335.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2023 18:01
 Operator : YP/AJ
 Sample : 05633-13 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 00:25:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 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...	4.477	3.701	2695463	2706705	1.579	1.805
2)	SA Decachlor...	10.355	8.791	1736116	2619308	2.390	2.341
Target Compounds							
3)	L1 AR-1016-1	5.671	4.801	24753	127918	0.575	4.051 #
4)	L1 AR-1016-2	5.689	4.830	136156	37236	2.103	0.861 #
5)	L1 AR-1016-3	5.755	5.023	79337	125480	1.820	5.411 #
6)	L1 AR-1016-4	5.855	5.061	111079	61480	3.365	2.999
7)	L1 AR-1016-5	6.153	5.250	65049	-2267	2.072	N.D. #
8)	L2 AR-1221-1	4.720	3.927	73547	49724	3.568	2.616 #
9)	L2 AR-1221-2	4.768	4.007	73363	87853	4.857	6.742 #
10)	L2 AR-1221-3	4.866	4.084	28536	66286	0.636	1.845 #
11)	L3 AR-1232-1	4.866	4.084	28536	66286	0.800	2.259 #
12)	L3 AR-1232-2	0.000	4.830	0	37236	N.D.	1.878 #
13)	L3 AR-1232-3	5.689	4.997	136156	30345	4.805	2.928 #
14)	L3 AR-1232-4	5.855	5.084	111079	59593	7.996	5.995 #
15)	L3 AR-1232-5	5.949	5.250	198765	-2267	16.196	N.D. #
16)	L4 AR-1242-1	5.671	4.801	24753	127918	0.715	4.867 #
17)	L4 AR-1242-2	5.689	4.830	136156	37236	2.595	1.059 #
18)	L4 AR-1242-3	5.755	5.023	79337	125480	2.280	6.552 #
19)	L4 AR-1242-4	5.855	5.084	111079	59593	4.225	2.959 #
20)	L4 AR-1242-5	6.619	5.635	206725	201229	9.246	8.612
21)	L5 AR-1248-1	5.671	4.801	24753	127918	0.957	6.399 #
22)	L5 AR-1248-2	5.949	5.061	198765	61480	4.860	2.197 #
23)	L5 AR-1248-3	6.153	5.084	65049	59593	1.519	2.064 #
24)	L5 AR-1248-4	6.558	5.250	44796	-2267	1.189	N.D. #
25)	L5 AR-1248-5	6.581	5.690	29148	281986	0.789	9.440 #
26)	L6 AR-1254-1	6.546	5.635	193085	201229	4.010	3.882
27)	L6 AR-1254-2	6.746	5.775	71243	196182	1.039	4.213 #
28)	L6 AR-1254-3	7.126	6.184	135773	43182	2.131	0.554 #
29)	L6 AR-1254-4	7.415	6.411	146488	109236	3.875	2.560 #
30)	L6 AR-1254-5	7.839	6.826	172962	248908	4.041	3.440
31)	L7 AR-1260-1	7.290	6.308	54292	116555	1.020	2.017 #
32)	L7 AR-1260-2	7.557	6.518	53825	31039	1.018	0.467 #
33)	L7 AR-1260-3	7.901	6.669	95374	28127	2.674	0.440 #
34)	L7 AR-1260-4	8.150	7.138	258019	45838	6.234	0.909 #
35)	L7 AR-1260-5	8.472	7.380	335648	37354	5.025	0.333 #
36)	L8 AR-1262-1	7.839	6.826	172962	248908	4.782	6.512 #
37)	L8 AR-1262-2	8.472	7.138	335648	45838	3.953	0.608 #
38)	L8 AR-1262-3	8.776	7.624f	16290	48442	0.270	0.832 #
39)	L8 AR-1262-4	8.895	7.718	127730	53194	2.649	0.518 #
40)	L8 AR-1262-5	9.612f	8.225	17332	31143	0.664	0.715
41)	L9 AR-1268-1	8.776	7.624f	16290	48442	0.148	0.292 #

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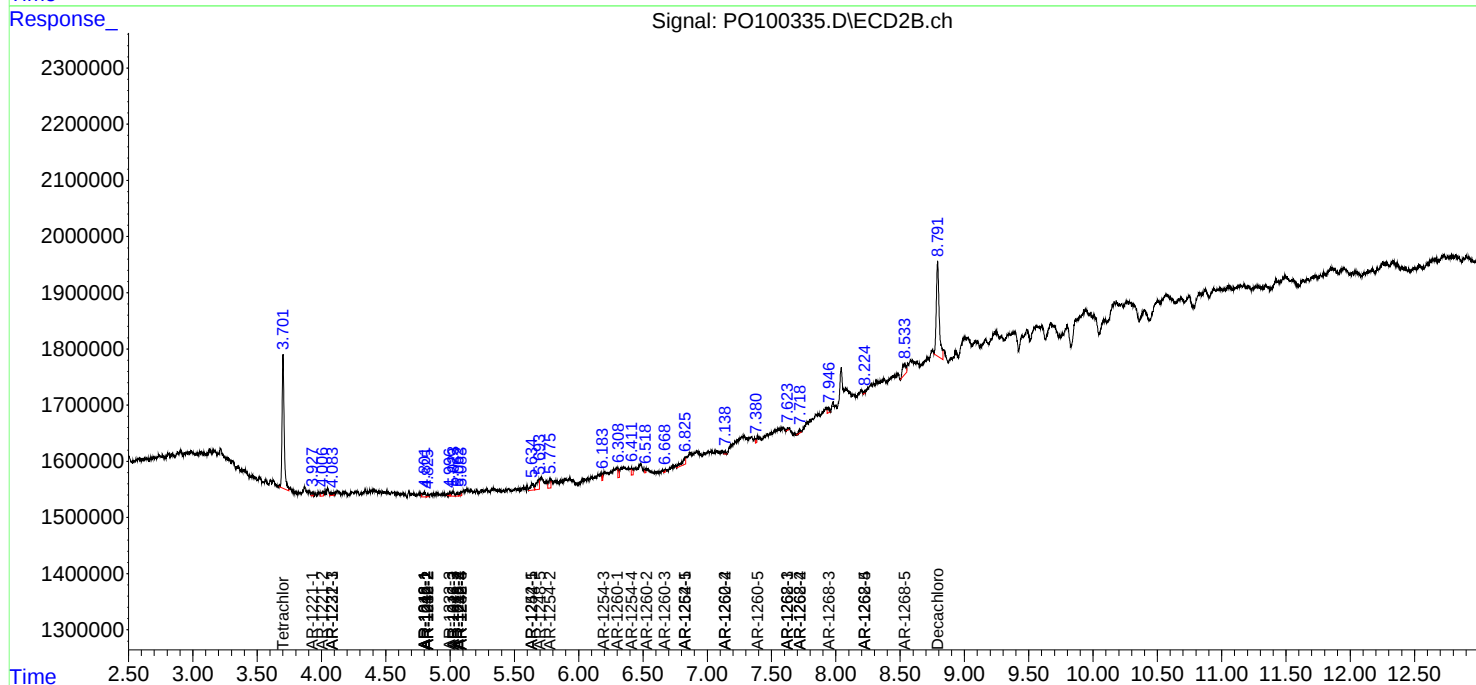
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

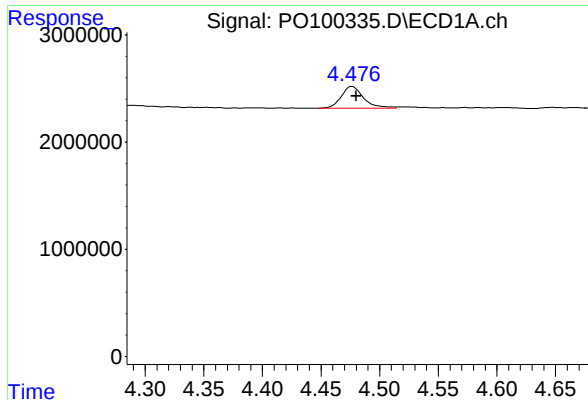
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.895	7.718	127730	53194	1.327	0.348 #
43) L9	AR-1268-3	9.143	7.946	26947	104757	0.299	0.731 #
44) L9	AR-1268-4	9.612f	8.225	17332	31143	0.609	0.663
45) L9	AR-1268-5	10.001	8.533	55840	376353	0.222	0.945 #

(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

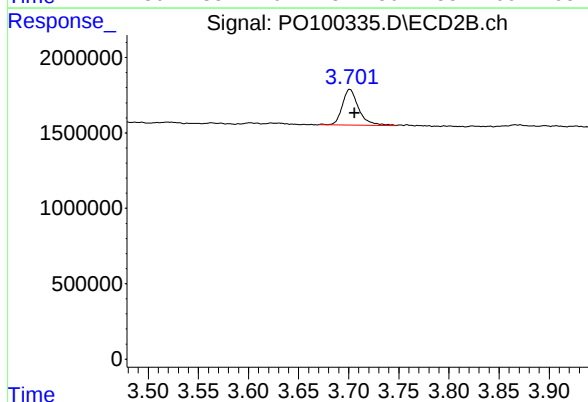




#1 Tetrachloro-m-xylene

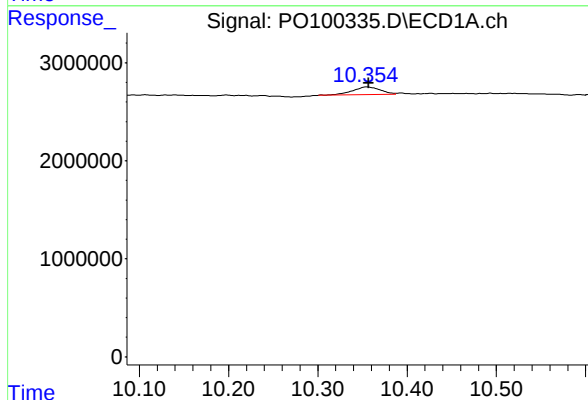
R.T.: 4.477 min
Delta R.T.: -0.003 min
Response: 2695463
Conc: 1.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



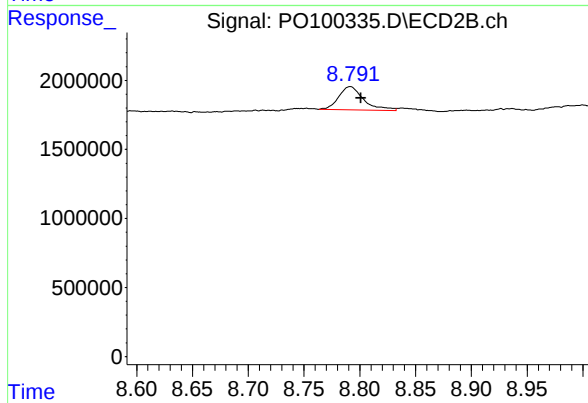
#1 Tetrachloro-m-xylene

R.T.: 3.701 min
Delta R.T.: -0.005 min
Response: 2706705
Conc: 1.80 ng/ml



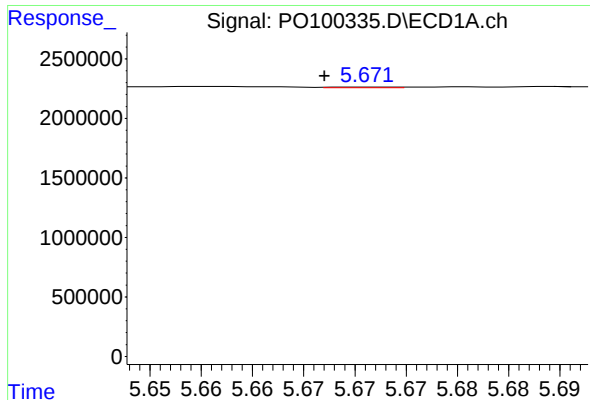
#2 Decachlorobiphenyl

R.T.: 10.355 min
Delta R.T.: -0.002 min
Response: 1736116
Conc: 2.39 ng/ml



#2 Decachlorobiphenyl

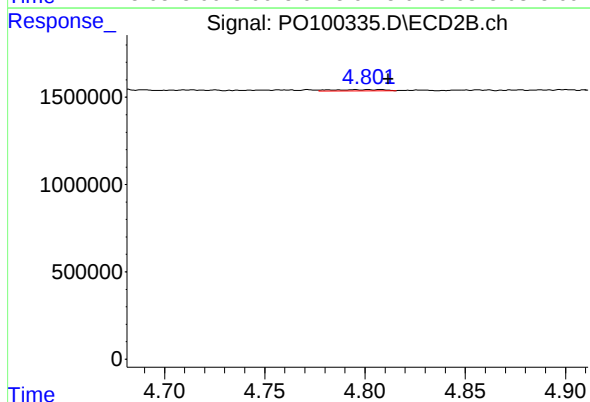
R.T.: 8.791 min
Delta R.T.: -0.010 min
Response: 2619308
Conc: 2.34 ng/ml



#3 AR-1016-1

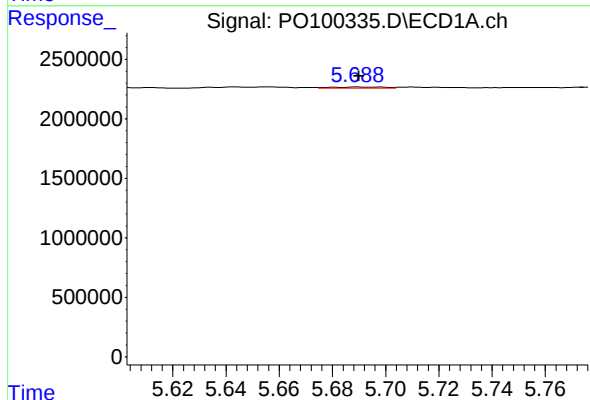
R.T.: 5.671 min
Delta R.T.: 0.004 min
Response: 24753
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



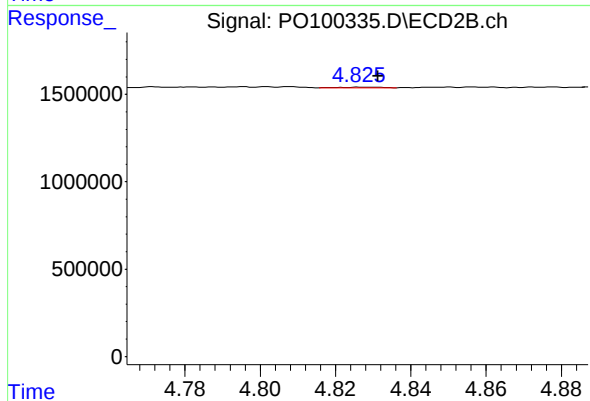
#3 AR-1016-1

R.T.: 4.801 min
Delta R.T.: -0.010 min
Response: 127918
Conc: 4.05 ng/ml



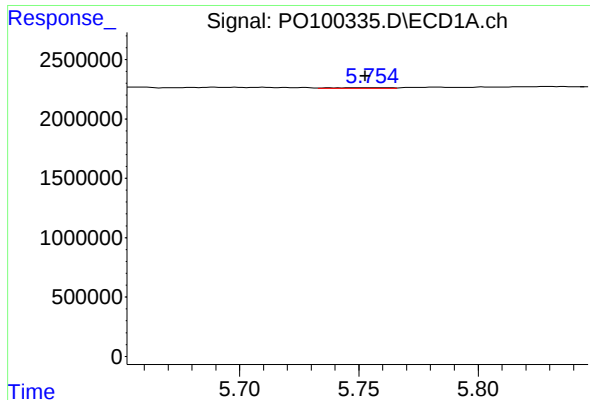
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 136156
Conc: 2.10 ng/ml



#4 AR-1016-2

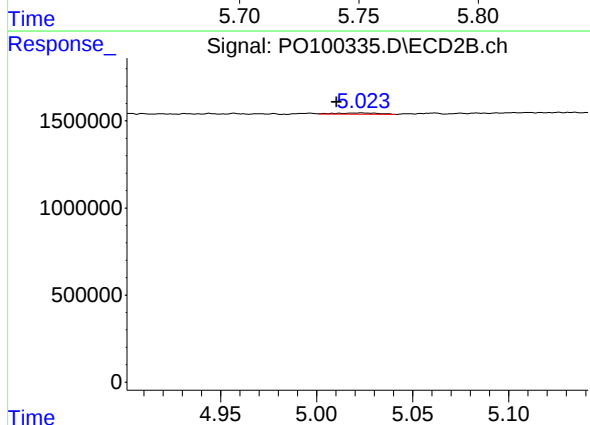
R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 37236
Conc: 0.86 ng/ml



#5 AR-1016-3

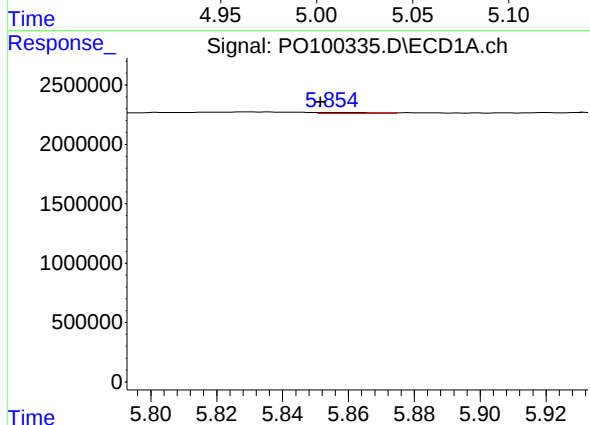
R.T.: 5.755 min
Delta R.T.: 0.002 min
Response: 79337
Conc: 1.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



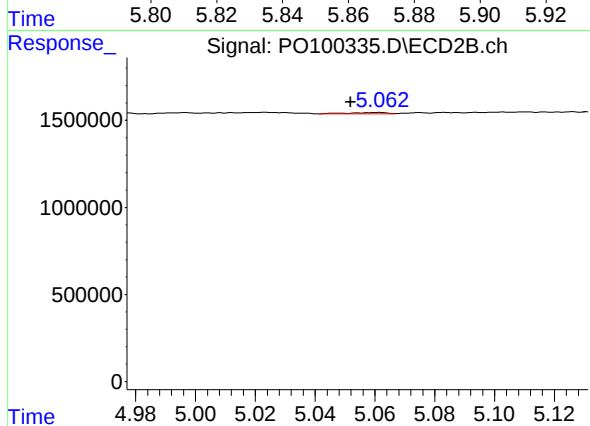
#5 AR-1016-3

R.T.: 5.023 min
Delta R.T.: 0.013 min
Response: 125480
Conc: 5.41 ng/ml



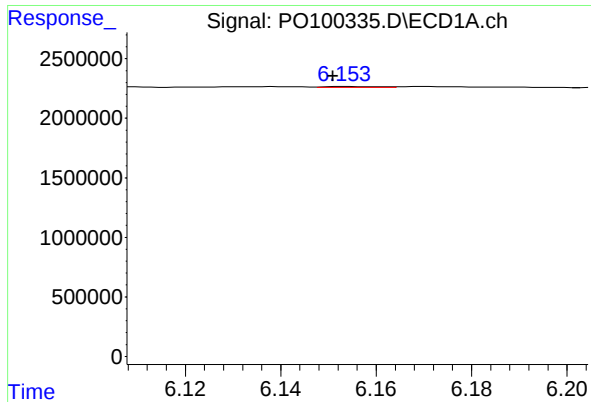
#6 AR-1016-4

R.T.: 5.855 min
Delta R.T.: 0.003 min
Response: 111079
Conc: 3.37 ng/ml



#6 AR-1016-4

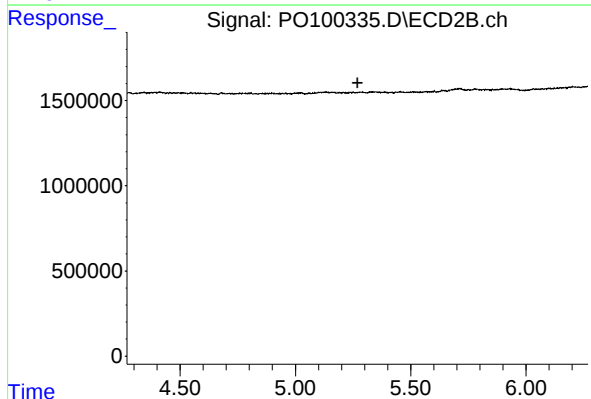
R.T.: 5.061 min
Delta R.T.: 0.009 min
Response: 61480
Conc: 3.00 ng/ml



#7 AR-1016-5

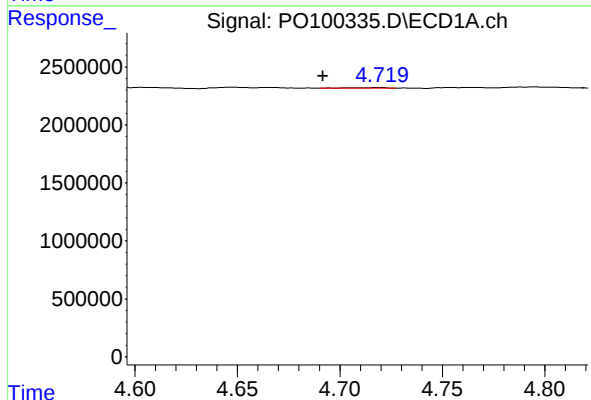
R.T.: 6.153 min
Delta R.T.: 0.003 min
Response: 65049
Conc: 2.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



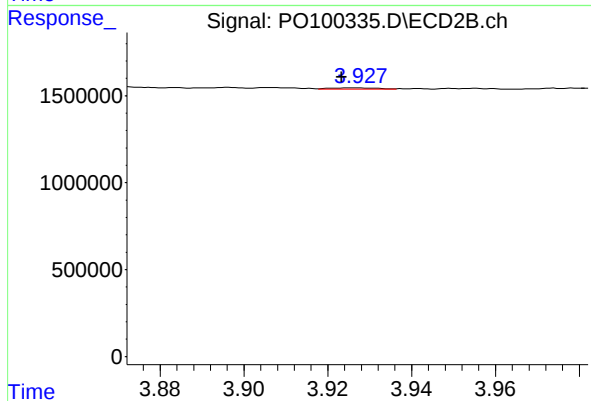
#7 AR-1016-5

R.T.: 5.250 min
Delta R.T.: -0.019 min
Response: -2267
Conc: N.D.



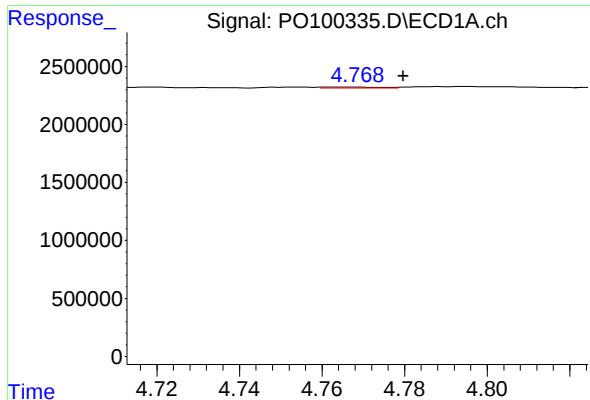
#8 AR-1221-1

R.T.: 4.720 min
Delta R.T.: 0.028 min
Response: 73547
Conc: 3.57 ng/ml



#8 AR-1221-1

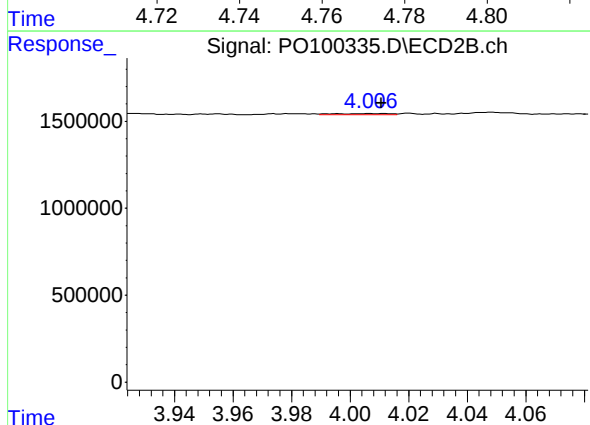
R.T.: 3.927 min
Delta R.T.: 0.003 min
Response: 49724
Conc: 2.62 ng/ml



#9 AR-1221-2

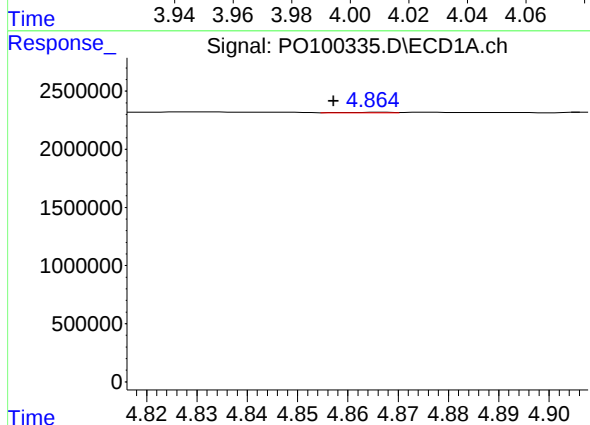
R.T.: 4.768 min
Delta R.T.: -0.011 min
Response: 73363
Conc: 4.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



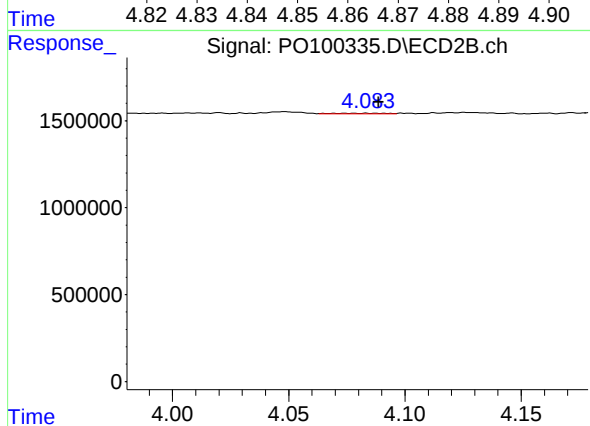
#9 AR-1221-2

R.T.: 4.007 min
Delta R.T.: -0.004 min
Response: 87853
Conc: 6.74 ng/ml



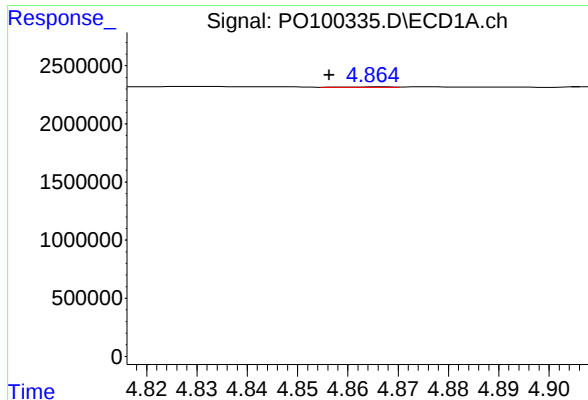
#10 AR-1221-3

R.T.: 4.866 min
Delta R.T.: 0.009 min
Response: 28536
Conc: 0.64 ng/ml



#10 AR-1221-3

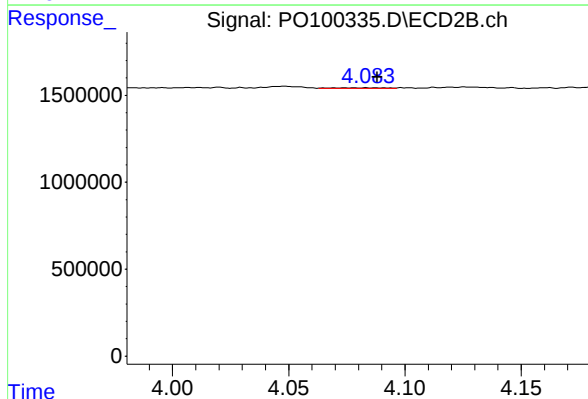
R.T.: 4.084 min
Delta R.T.: -0.005 min
Response: 66286
Conc: 1.85 ng/ml



#11 AR-1232-1

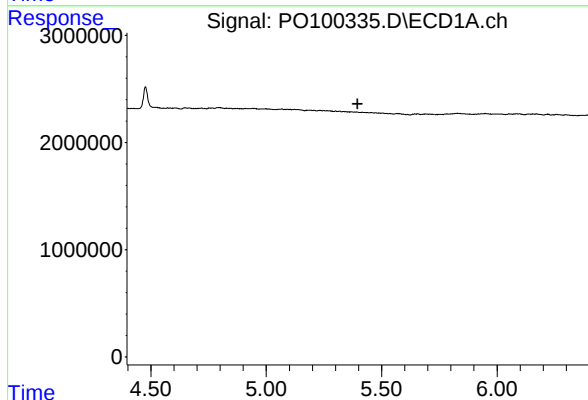
R.T.: 4.866 min
Delta R.T.: 0.010 min
Response: 28536
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



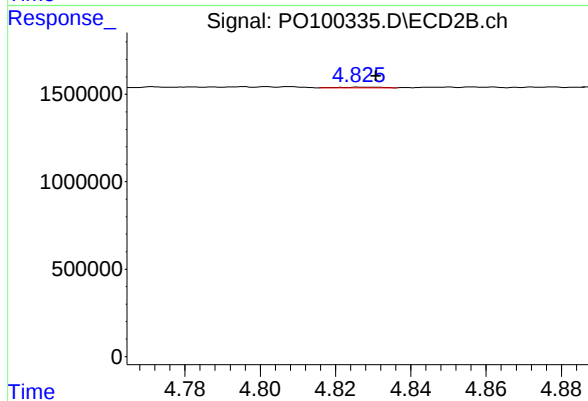
#11 AR-1232-1

R.T.: 4.084 min
Delta R.T.: -0.004 min
Response: 66286
Conc: 2.26 ng/ml



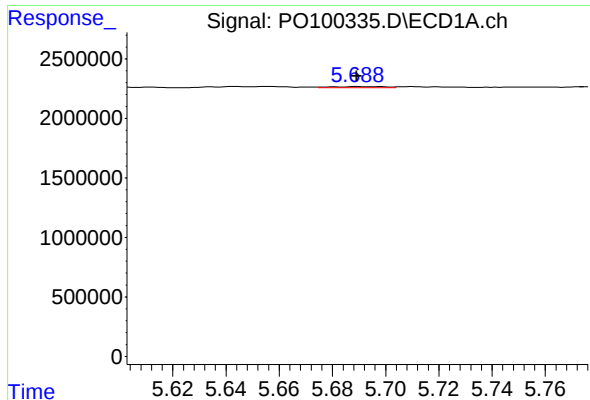
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.395 min
Response: 0
Conc: N.D.



#12 AR-1232-2

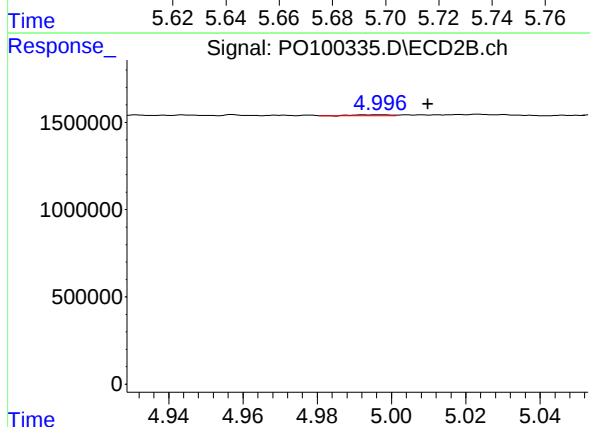
R.T.: 4.830 min
Delta R.T.: -0.001 min
Response: 37236
Conc: 1.88 ng/ml



#13 AR-1232-3

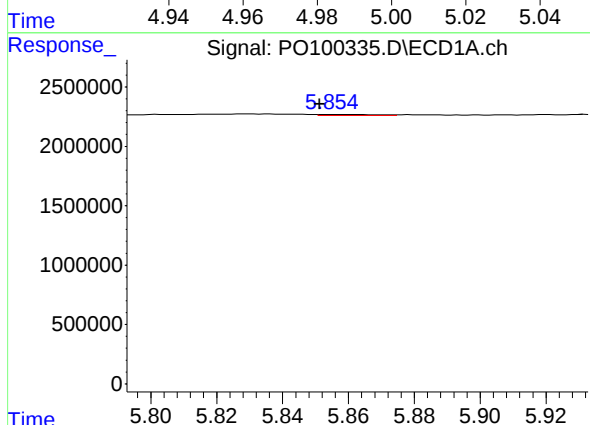
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 136156
Conc: 4.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



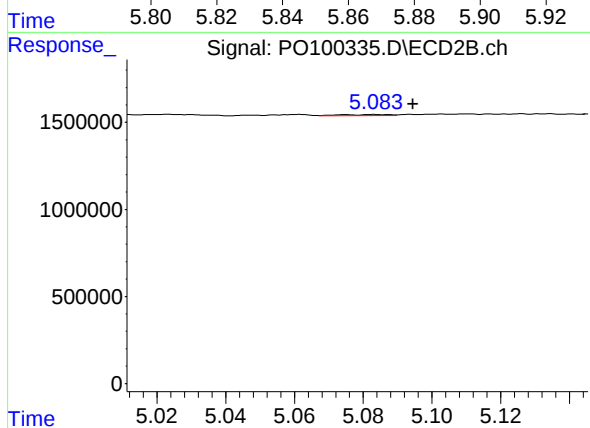
#13 AR-1232-3

R.T.: 4.997 min
Delta R.T.: -0.013 min
Response: 30345
Conc: 2.93 ng/ml



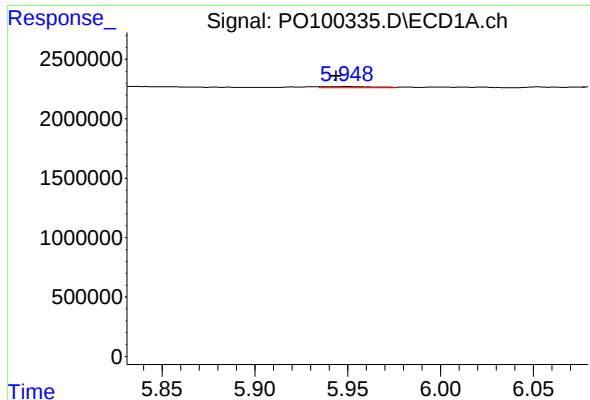
#14 AR-1232-4

R.T.: 5.855 min
Delta R.T.: 0.003 min
Response: 111079
Conc: 8.00 ng/ml



#14 AR-1232-4

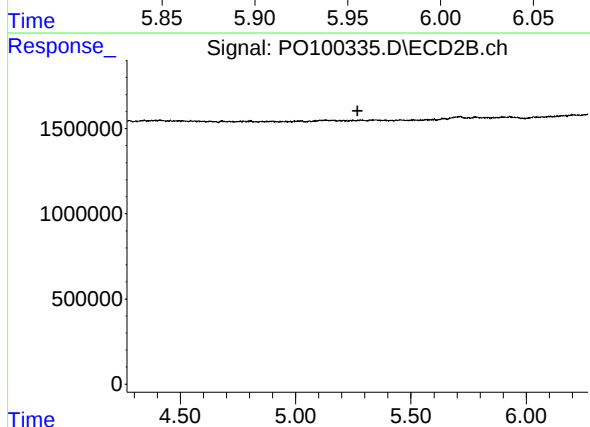
R.T.: 5.084 min
Delta R.T.: -0.011 min
Response: 59593
Conc: 6.00 ng/ml



#15 AR-1232-5

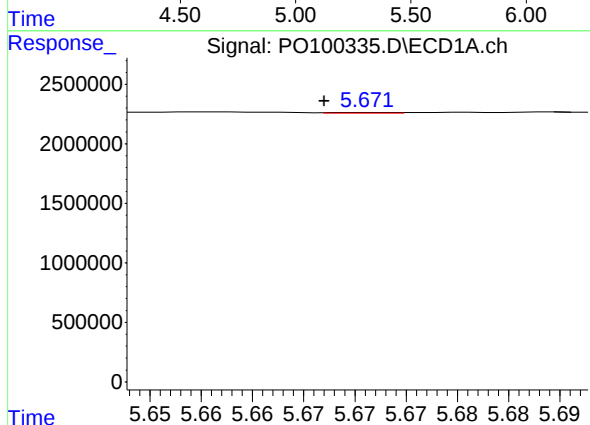
R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 198765
Conc: 16.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



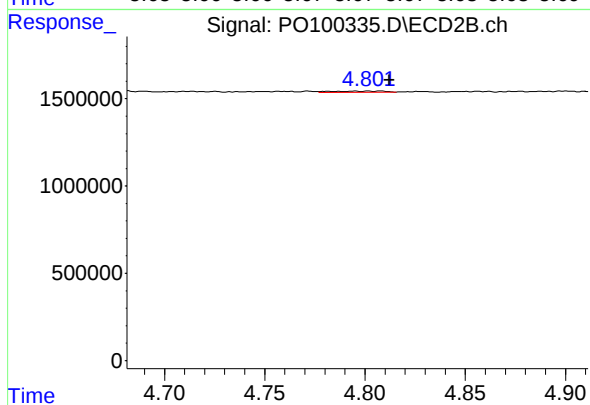
#15 AR-1232-5

R.T.: 5.250 min
Delta R.T.: -0.019 min
Response: -2267
Conc: N.D.



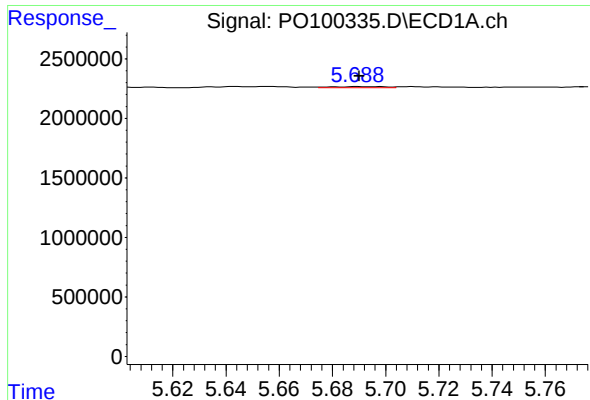
#16 AR-1242-1

R.T.: 5.671 min
Delta R.T.: 0.004 min
Response: 24753
Conc: 0.71 ng/ml



#16 AR-1242-1

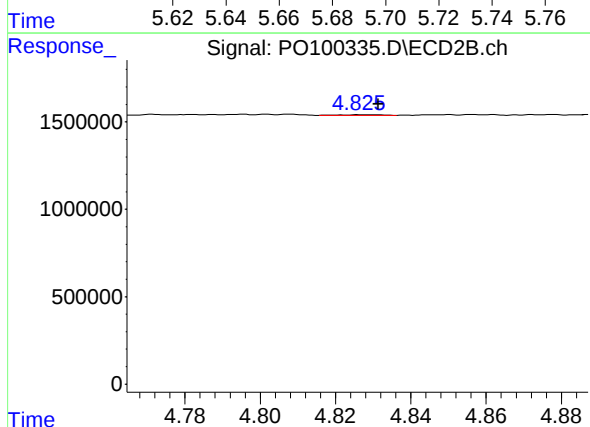
R.T.: 4.801 min
Delta R.T.: -0.010 min
Response: 127918
Conc: 4.87 ng/ml



#17 AR-1242-2

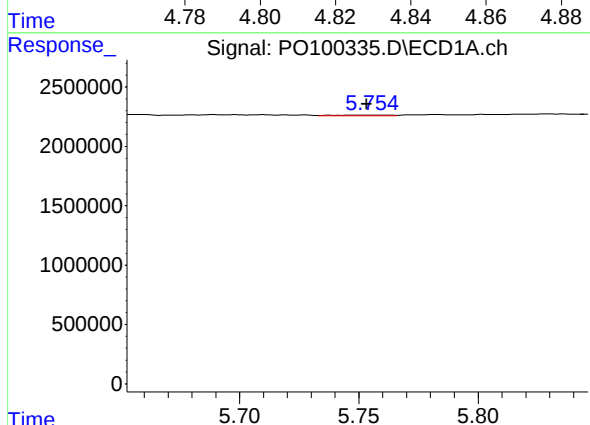
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 136156
Conc: 2.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



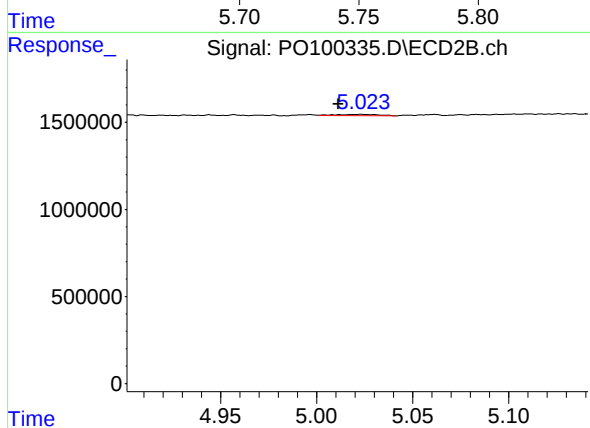
#17 AR-1242-2

R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 37236
Conc: 1.06 ng/ml



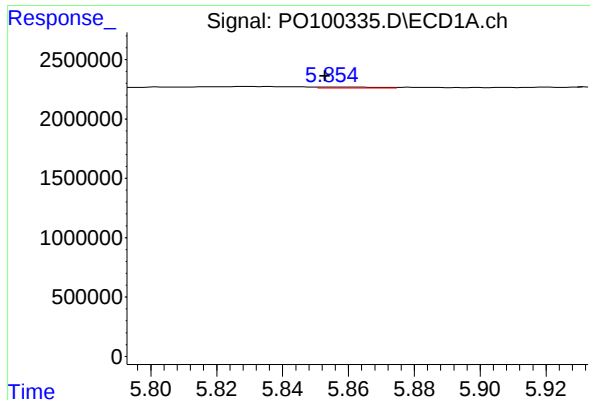
#18 AR-1242-3

R.T.: 5.755 min
Delta R.T.: 0.002 min
Response: 79337
Conc: 2.28 ng/ml



#18 AR-1242-3

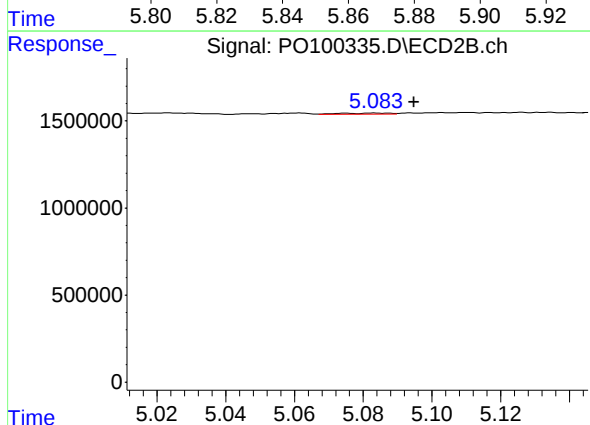
R.T.: 5.023 min
Delta R.T.: 0.012 min
Response: 125480
Conc: 6.55 ng/ml



#19 AR-1242-4

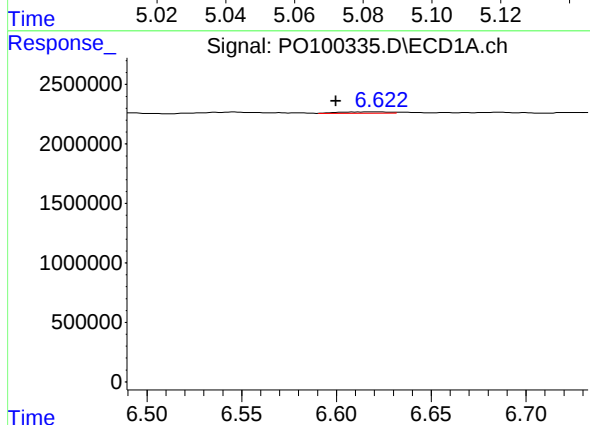
R.T.: 5.855 min
Delta R.T.: 0.002 min
Response: 111079
Conc: 4.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



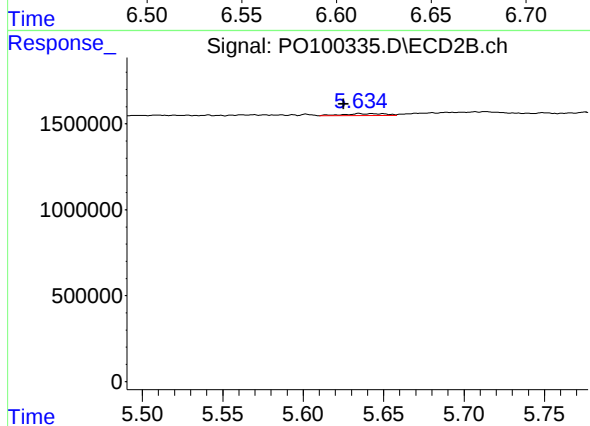
#19 AR-1242-4

R.T.: 5.084 min
Delta R.T.: -0.011 min
Response: 59593
Conc: 2.96 ng/ml



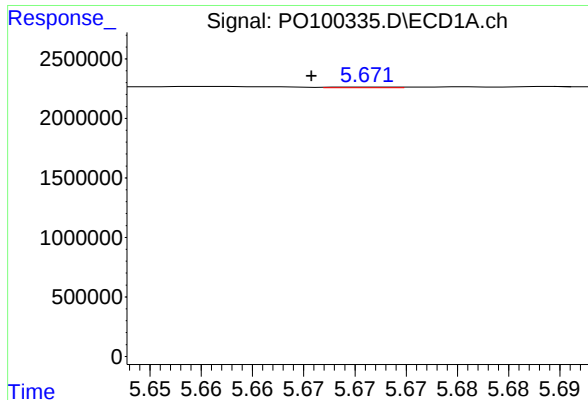
#20 AR-1242-5

R.T.: 6.619 min
Delta R.T.: 0.019 min
Response: 206725
Conc: 9.25 ng/ml



#20 AR-1242-5

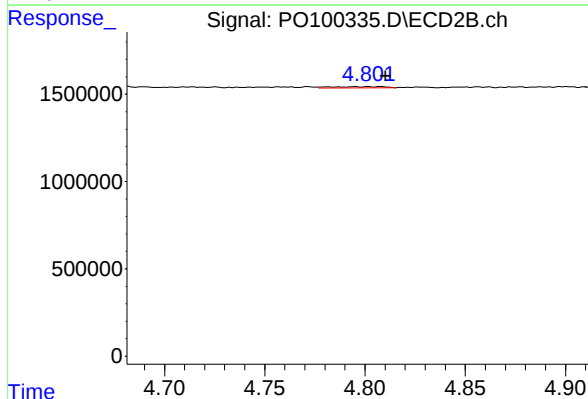
R.T.: 5.635 min
Delta R.T.: 0.010 min
Response: 201229
Conc: 8.61 ng/ml



#21 AR-1248-1

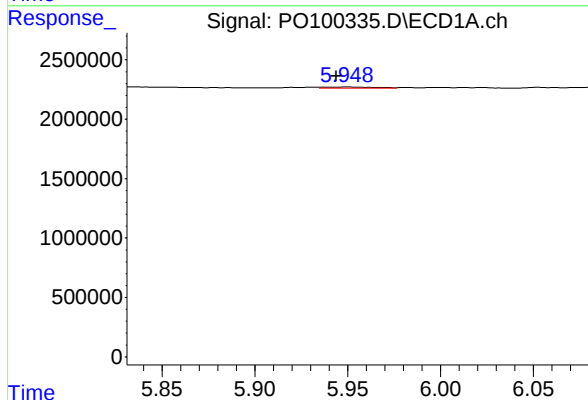
R.T.: 5.671 min
Delta R.T.: 0.005 min
Response: 24753
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



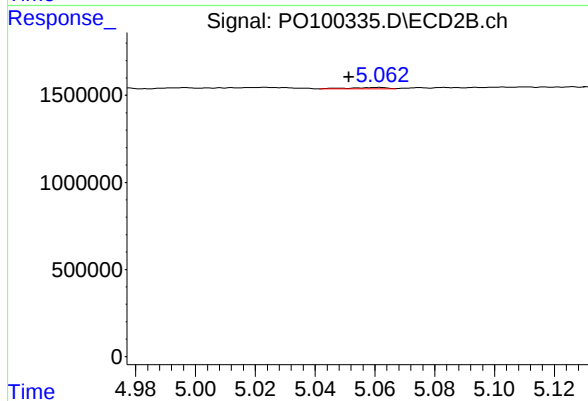
#21 AR-1248-1

R.T.: 4.801 min
Delta R.T.: -0.009 min
Response: 127918
Conc: 6.40 ng/ml



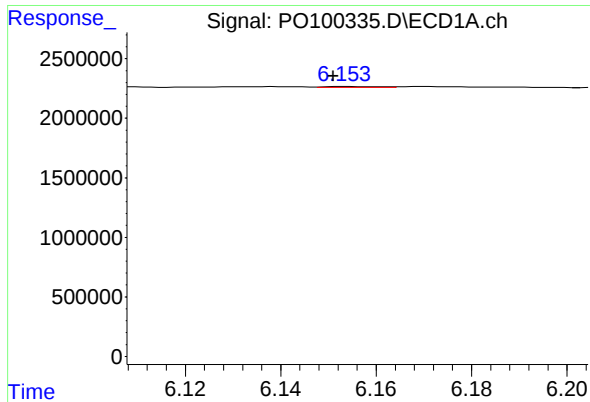
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 198765
Conc: 4.86 ng/ml



#22 AR-1248-2

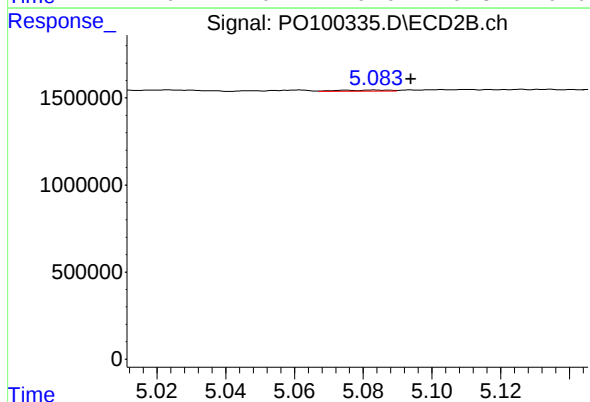
R.T.: 5.061 min
Delta R.T.: 0.010 min
Response: 61480
Conc: 2.20 ng/ml



#23 AR-1248-3

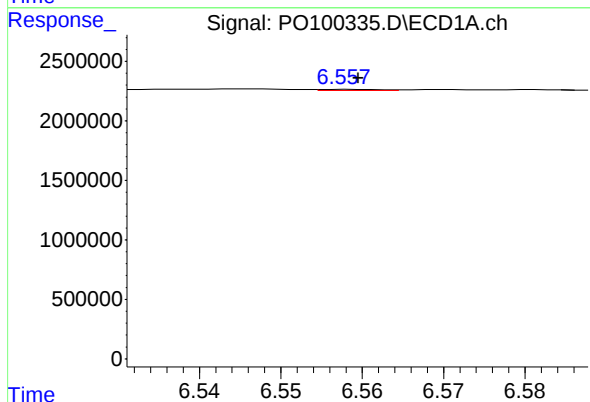
R.T.: 6.153 min
Delta R.T.: 0.002 min
Response: 65049
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



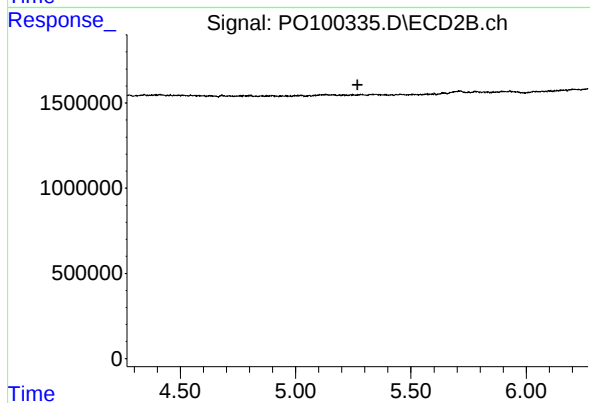
#23 AR-1248-3

R.T.: 5.084 min
Delta R.T.: -0.010 min
Response: 59593
Conc: 2.06 ng/ml



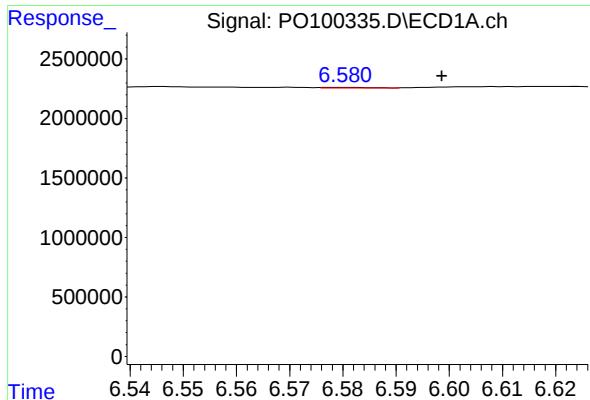
#24 AR-1248-4

R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 44796
Conc: 1.19 ng/ml



#24 AR-1248-4

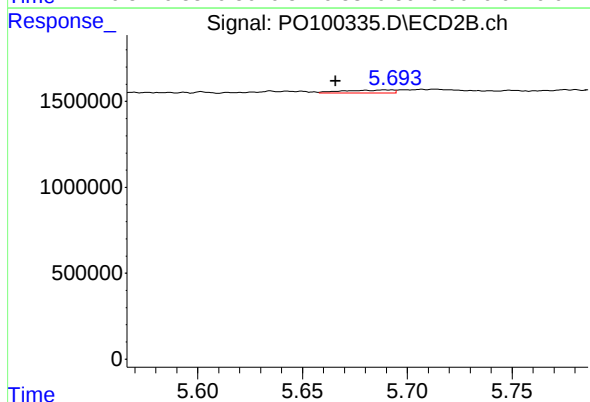
R.T.: 5.250 min
Delta R.T.: -0.018 min
Response: -2267
Conc: N.D.



#25 AR-1248-5

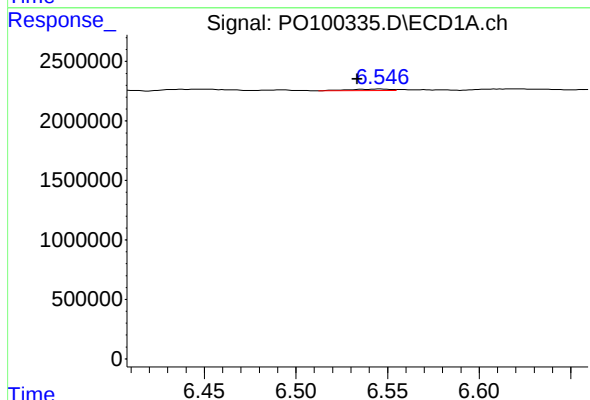
R.T.: 6.581 min
Delta R.T.: -0.018 min
Response: 29148
Conc: 0.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



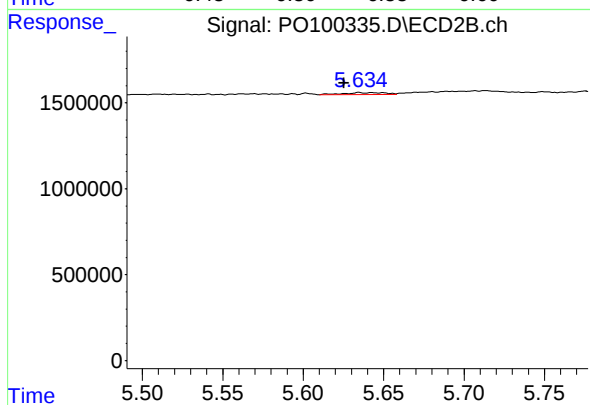
#25 AR-1248-5

R.T.: 5.690 min
Delta R.T.: 0.024 min
Response: 281986
Conc: 9.44 ng/ml



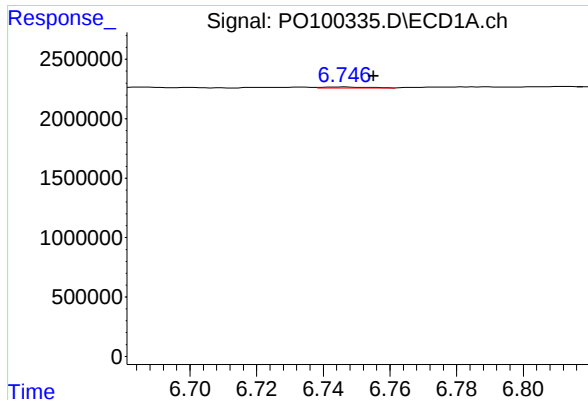
#26 AR-1254-1

R.T.: 6.546 min
Delta R.T.: 0.013 min
Response: 193085
Conc: 4.01 ng/ml



#26 AR-1254-1

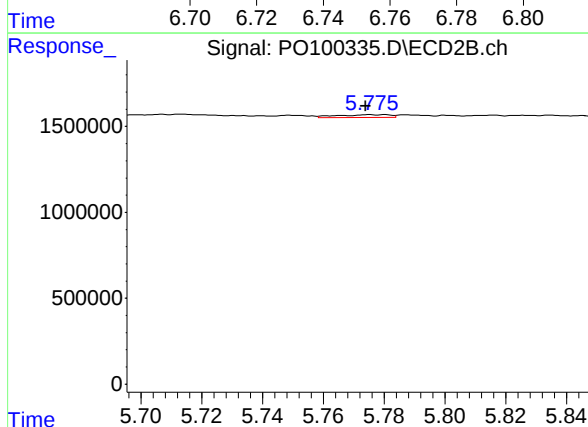
R.T.: 5.635 min
Delta R.T.: 0.009 min
Response: 201229
Conc: 3.88 ng/ml



#27 AR-1254-2

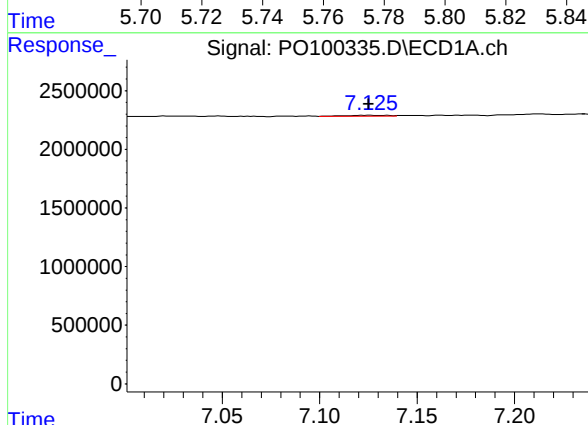
R.T.: 6.746 min
Delta R.T.: -0.009 min
Response: 71243
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



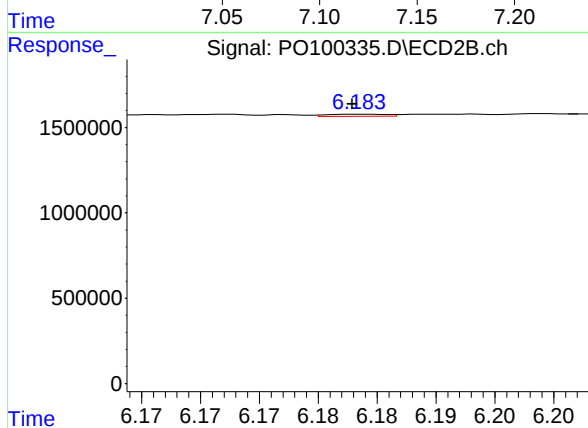
#27 AR-1254-2

R.T.: 5.775 min
Delta R.T.: 0.002 min
Response: 196182
Conc: 4.21 ng/ml



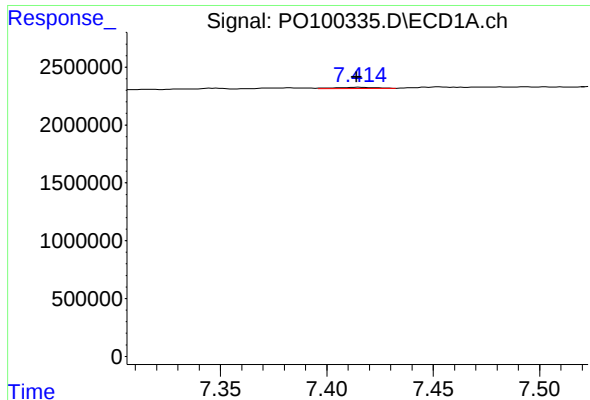
#28 AR-1254-3

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 135773
Conc: 2.13 ng/ml



#28 AR-1254-3

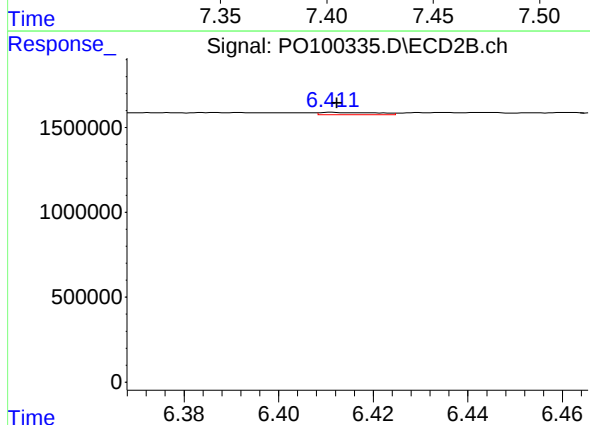
R.T.: 6.184 min
Delta R.T.: 0.001 min
Response: 43182
Conc: 0.55 ng/ml



#29 AR-1254-4

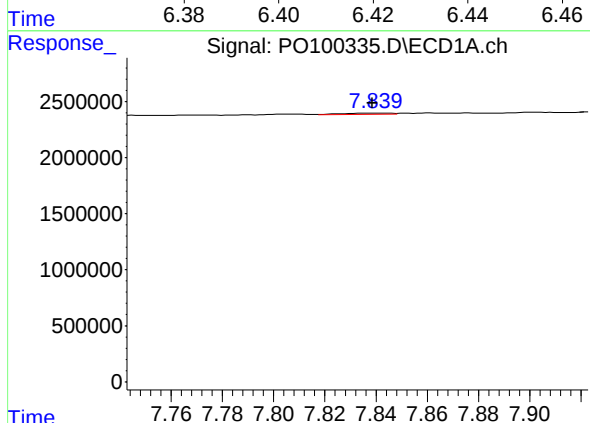
R.T.: 7.415 min
Delta R.T.: 0.001 min
Response: 146488
Conc: 3.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



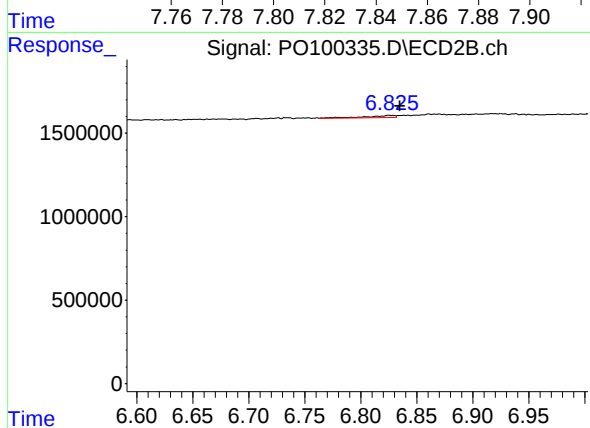
#29 AR-1254-4

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 109236
Conc: 2.56 ng/ml



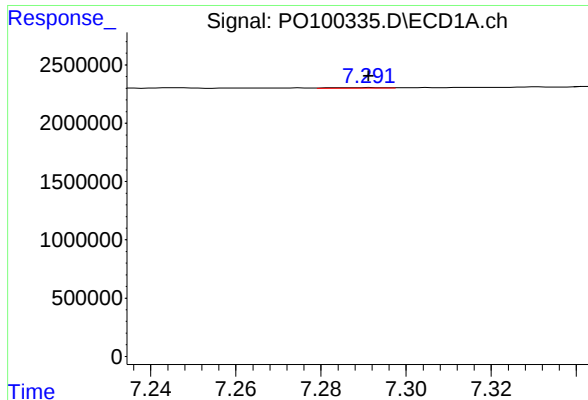
#30 AR-1254-5

R.T.: 7.839 min
Delta R.T.: 0.000 min
Response: 172962
Conc: 4.04 ng/ml



#30 AR-1254-5

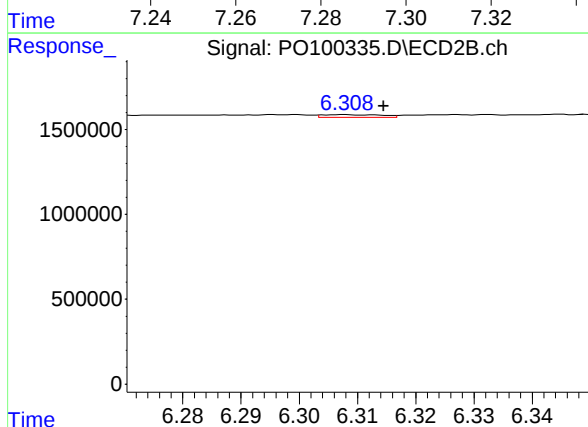
R.T.: 6.826 min
Delta R.T.: -0.009 min
Response: 248908
Conc: 3.44 ng/ml



#31 AR-1260-1

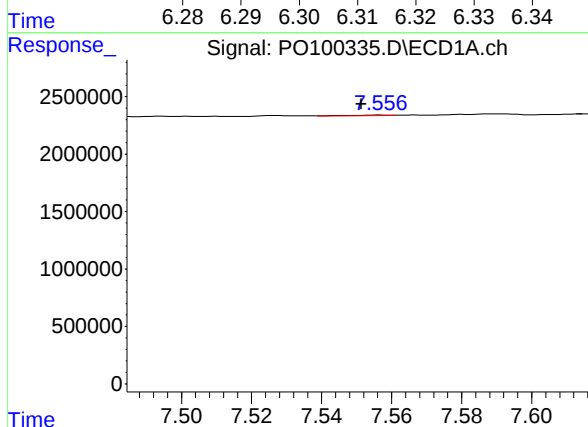
R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 54292
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



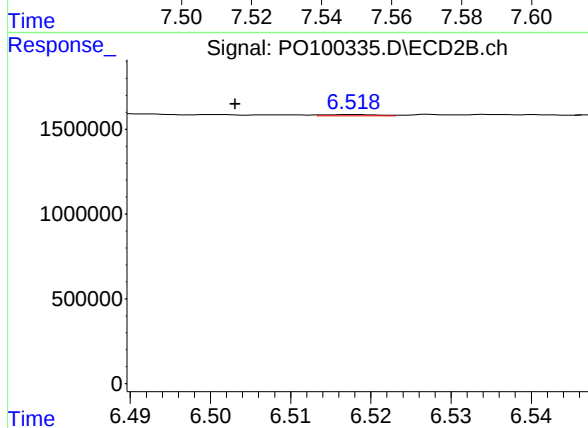
#31 AR-1260-1

R.T.: 6.308 min
Delta R.T.: -0.007 min
Response: 116555
Conc: 2.02 ng/ml



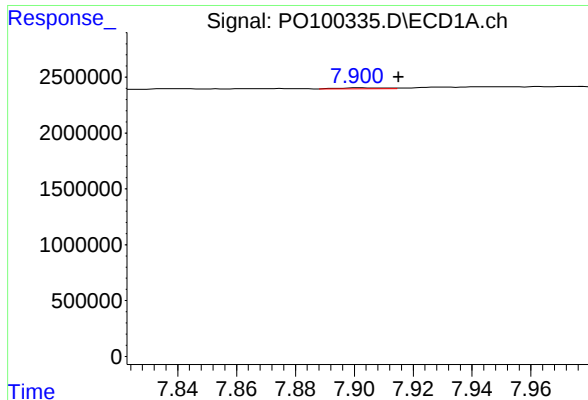
#32 AR-1260-2

R.T.: 7.557 min
Delta R.T.: 0.006 min
Response: 53825
Conc: 1.02 ng/ml



#32 AR-1260-2

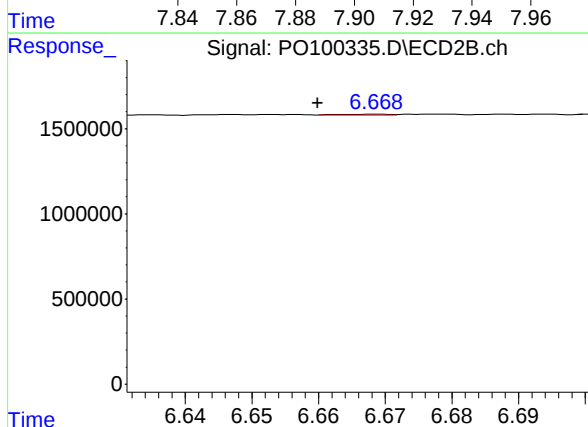
R.T.: 6.518 min
Delta R.T.: 0.014 min
Response: 31039
Conc: 0.47 ng/ml



#33 AR-1260-3

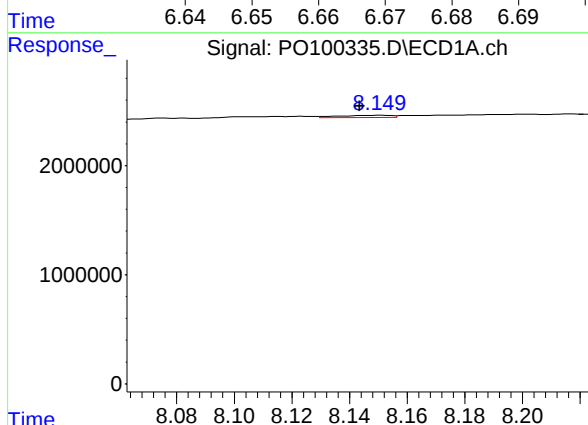
R.T.: 7.901 min
Delta R.T.: -0.014 min
Response: 95374
Conc: 2.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



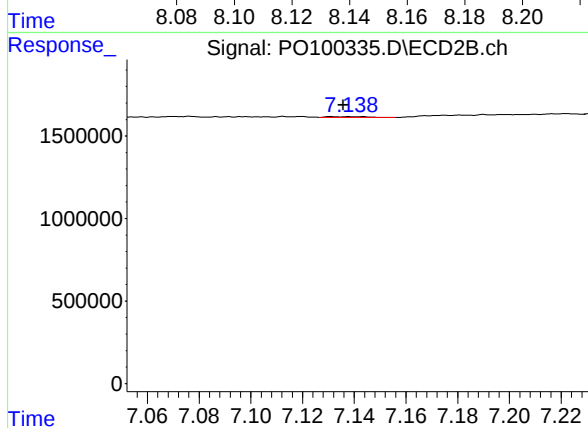
#33 AR-1260-3

R.T.: 6.669 min
Delta R.T.: 0.009 min
Response: 28127
Conc: 0.44 ng/ml



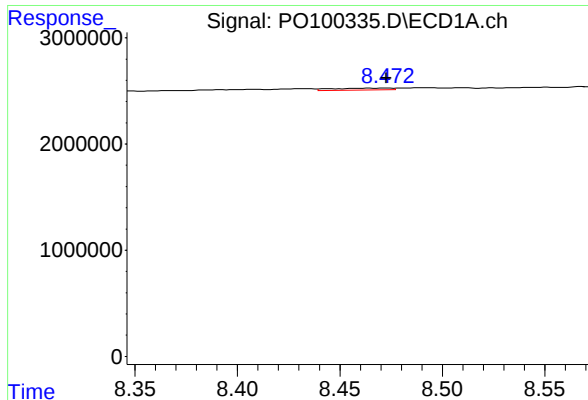
#34 AR-1260-4

R.T.: 8.150 min
Delta R.T.: 0.007 min
Response: 258019
Conc: 6.23 ng/ml



#34 AR-1260-4

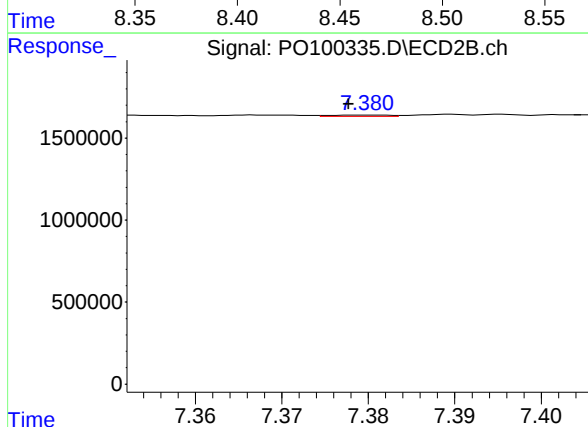
R.T.: 7.138 min
Delta R.T.: 0.002 min
Response: 45838
Conc: 0.91 ng/ml



#35 AR-1260-5

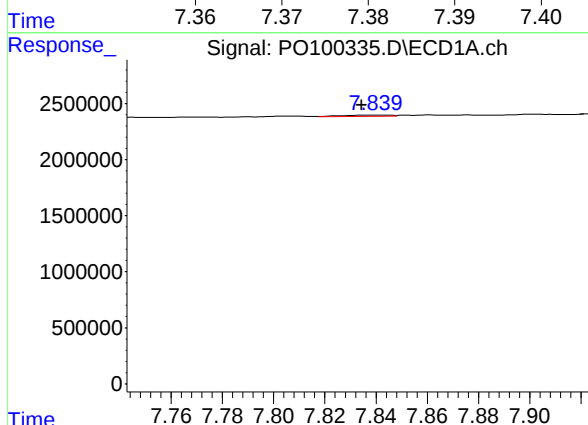
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 335648
Conc: 5.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



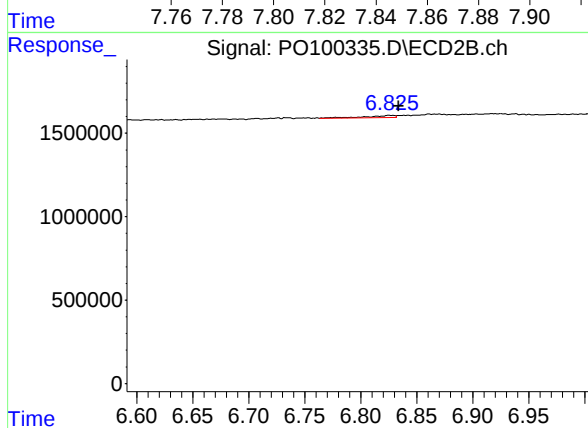
#35 AR-1260-5

R.T.: 7.380 min
Delta R.T.: 0.003 min
Response: 37354
Conc: 0.33 ng/ml



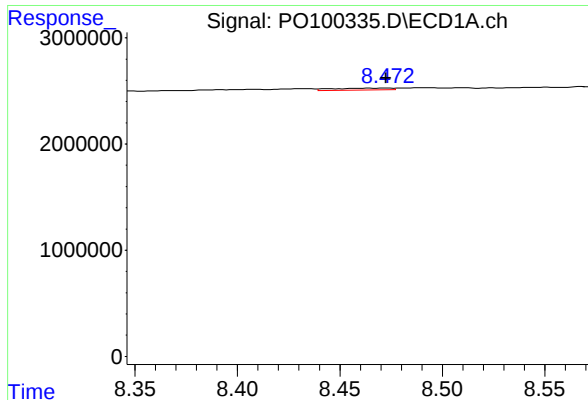
#36 AR-1262-1

R.T.: 7.839 min
Delta R.T.: 0.004 min
Response: 172962
Conc: 4.78 ng/ml



#36 AR-1262-1

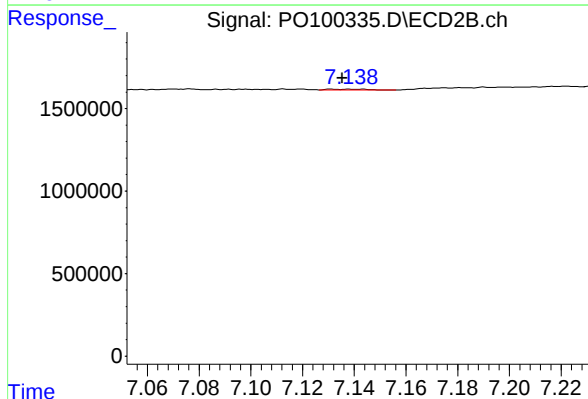
R.T.: 6.826 min
Delta R.T.: -0.008 min
Response: 248908
Conc: 6.51 ng/ml



#37 AR-1262-2

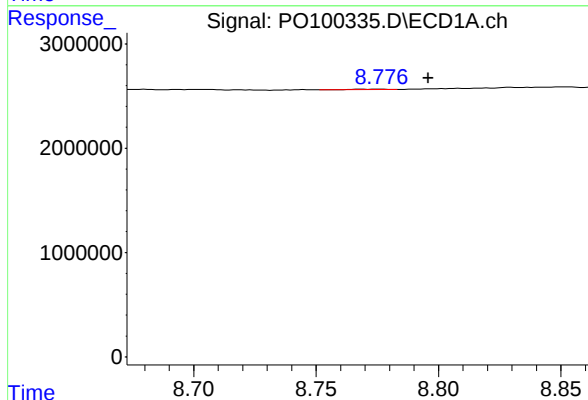
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 335648
Conc: 3.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



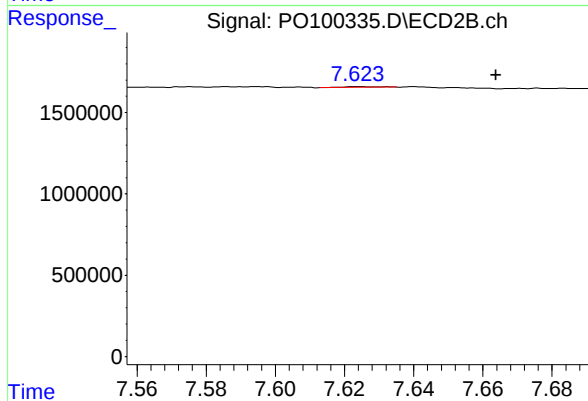
#37 AR-1262-2

R.T.: 7.138 min
Delta R.T.: 0.003 min
Response: 45838
Conc: 0.61 ng/ml



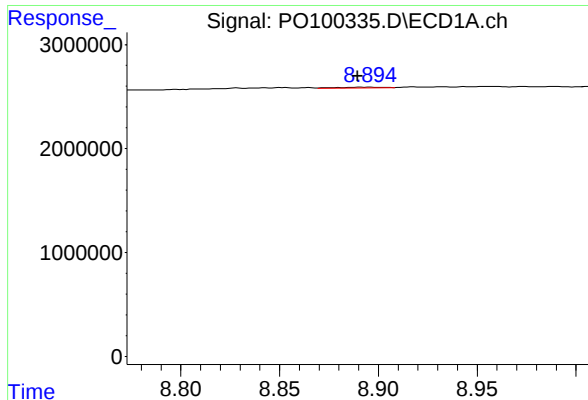
#38 AR-1262-3

R.T.: 8.776 min
Delta R.T.: -0.020 min
Response: 16290
Conc: 0.27 ng/ml



#38 AR-1262-3

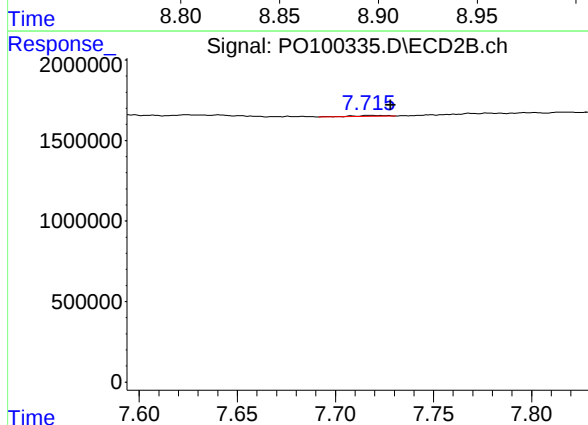
R.T.: 7.624 min
Delta R.T.: -0.040 min
Response: 48442
Conc: 0.83 ng/ml



#39 AR-1262-4

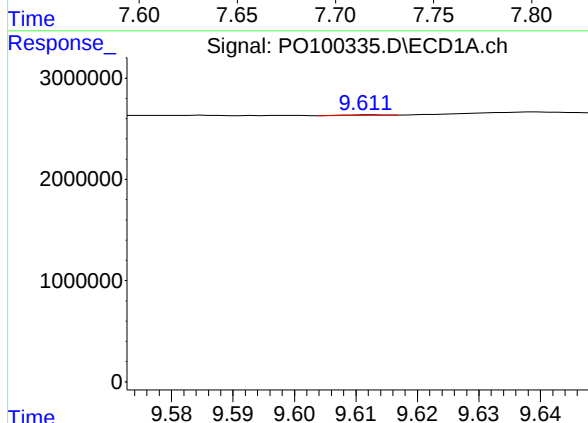
R.T.: 8.895 min
Delta R.T.: 0.006 min
Response: 127730
Conc: 2.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



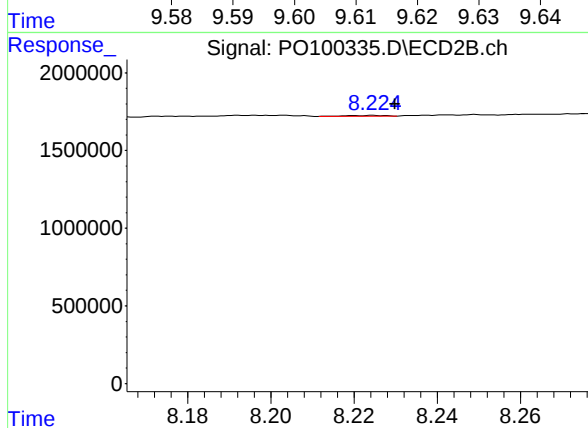
#39 AR-1262-4

R.T.: 7.718 min
Delta R.T.: -0.011 min
Response: 53194
Conc: 0.52 ng/ml



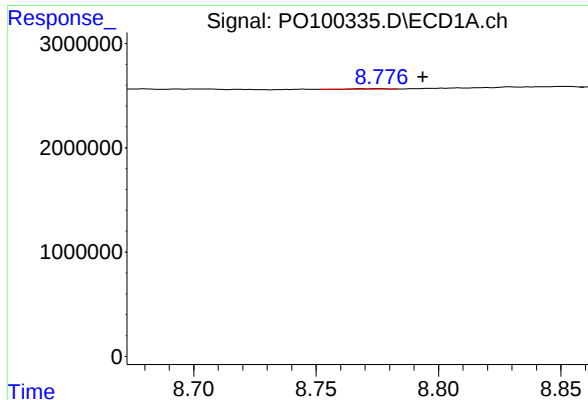
#40 AR-1262-5

R.T.: 9.612 min
Delta R.T.: 0.043 min
Response: 17332
Conc: 0.66 ng/ml



#40 AR-1262-5

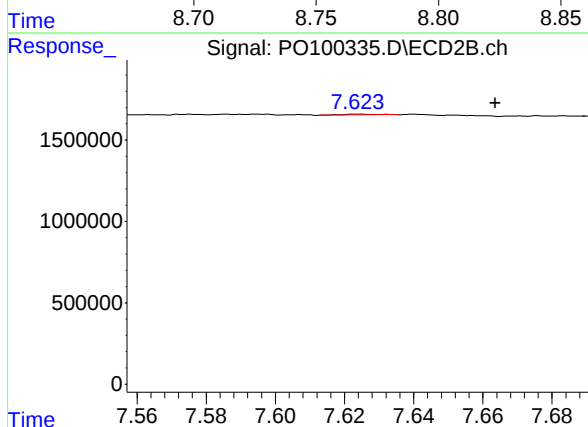
R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 31143
Conc: 0.71 ng/ml



#41 AR-1268-1

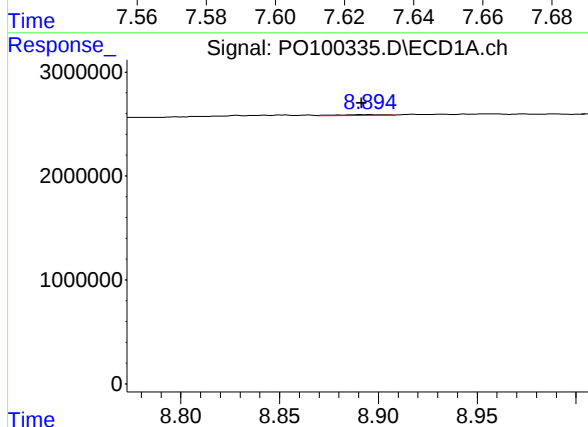
R.T.: 8.776 min
Delta R.T.: -0.018 min
Response: 16290
Conc: 0.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



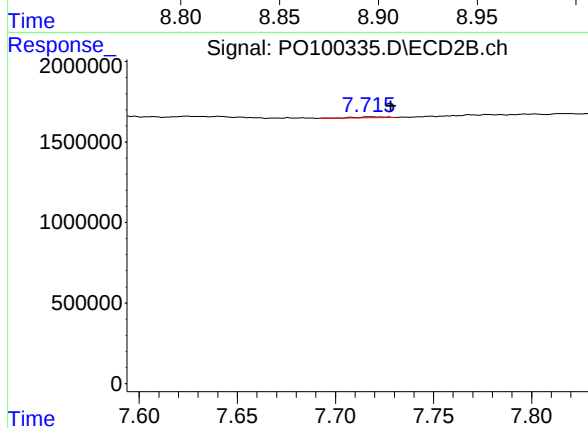
#41 AR-1268-1

R.T.: 7.624 min
Delta R.T.: -0.040 min
Response: 48442
Conc: 0.29 ng/ml



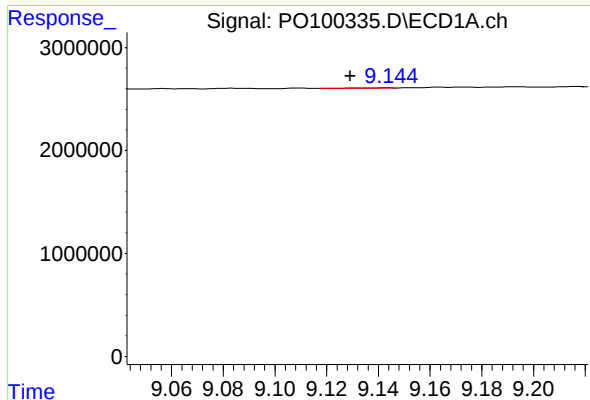
#42 AR-1268-2

R.T.: 8.895 min
Delta R.T.: 0.004 min
Response: 127730
Conc: 1.33 ng/ml



#42 AR-1268-2

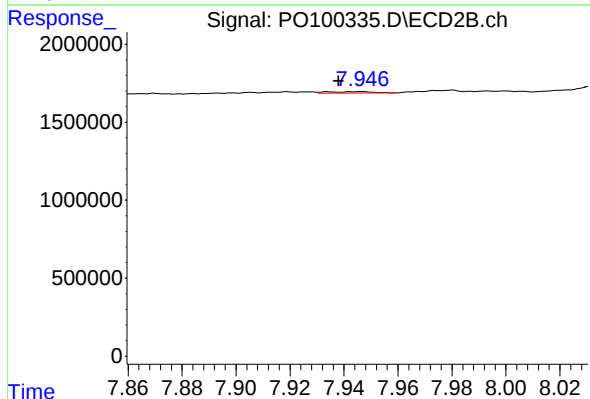
R.T.: 7.718 min
Delta R.T.: -0.011 min
Response: 53194
Conc: 0.35 ng/ml



#43 AR-1268-3

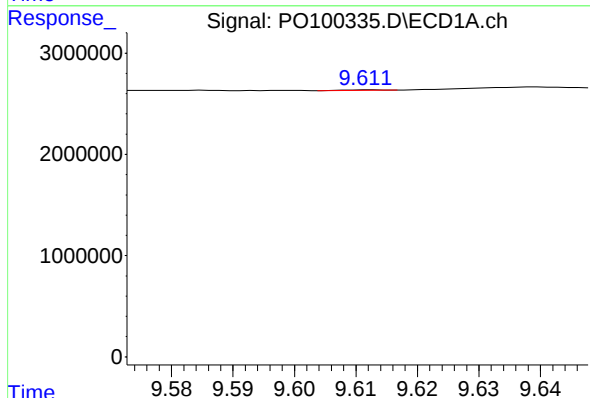
R.T.: 9.143 min
Delta R.T.: 0.014 min
Response: 26947
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



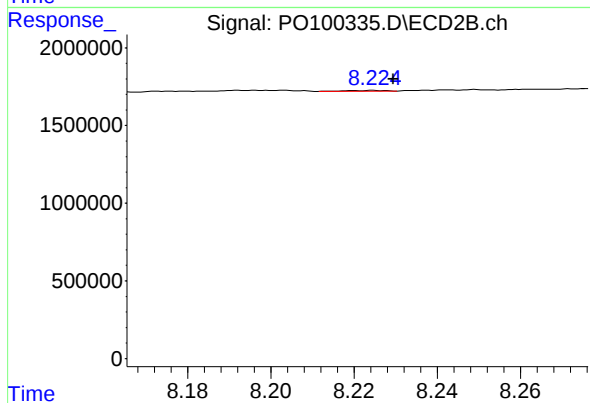
#43 AR-1268-3

R.T.: 7.946 min
Delta R.T.: 0.008 min
Response: 104757
Conc: 0.73 ng/ml



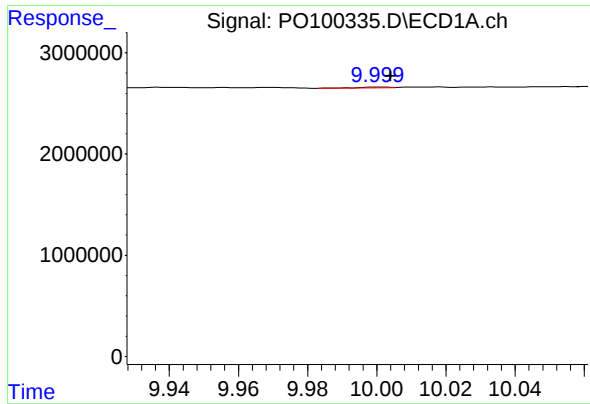
#44 AR-1268-4

R.T.: 9.612 min
Delta R.T.: 0.042 min
Response: 17332
Conc: 0.61 ng/ml



#44 AR-1268-4

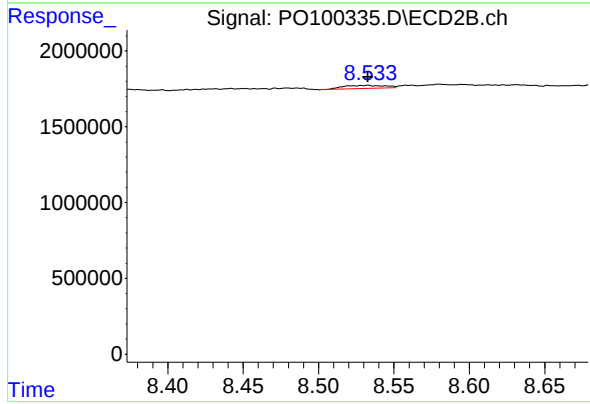
R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 31143
Conc: 0.66 ng/ml



#45 AR-1268-5

R.T.: 10.001 min
Delta R.T.: -0.003 min
Response: 55840
Conc: 0.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.533 min
Delta R.T.: 0.000 min
Response: 376353
Conc: 0.95 ng/ml