

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110223\
 Data File : P0099316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2023 00:34
 Operator : YP/AJ
 Sample : 05218-01 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 01:07:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.467	3.624	4822606	1466188	2.441	2.037
2) SA Decachlor...	10.257	8.612	2531379	943864	2.234	1.759
Target Compounds						
3) L1 AR-1016-1	5.656	4.717	193809	79850	3.520	3.566
4) L1 AR-1016-2	5.669	4.729	22519	23829	0.272	0.762 #
5) L1 AR-1016-3	5.725	4.899	13662	56060	0.265	3.311 #
6) L1 AR-1016-4	5.841	4.948	15099	108364	0.372	7.495 #
7) L1 AR-1016-5	6.133	5.164	27902	15426	0.657	0.826 #
8) L2 AR-1221-1	4.685	3.835	324515	20312	13.070	2.186 #
9) L2 AR-1221-2	4.781	3.927	921957	35556	49.837	5.484 #
10) L2 AR-1221-3	4.850	4.001	84948	46139	1.568	2.281 #
11) L3 AR-1232-1	4.850	4.001	84948	46139	1.857	2.692 #
12) L3 AR-1232-2	5.378	4.729	52152	23829	2.208	1.555 #
13) L3 AR-1232-3	5.669	4.899	22519	56060	0.570	7.006 #
14) L3 AR-1232-4	5.841	4.990	15099	89501	0.791	11.633 #
15) L3 AR-1232-5	5.904	5.164	37875	15426	2.274	1.814
16) L4 AR-1242-1	5.656	4.717	193809	79850	4.477	4.545
17) L4 AR-1242-2	5.669	4.729	22519	23829	0.352	0.983 #
18) L4 AR-1242-3	5.725	4.899	13662	56060	0.340	4.373 #
19) L4 AR-1242-4	5.841	4.990	15099	89501	0.483	6.358 #
20) L4 AR-1242-5	6.579	5.510	80677	42206	2.615	2.526
21) L5 AR-1248-1	5.656	4.717	193809	79850	5.705	5.761
22) L5 AR-1248-2	5.904	4.948	37875	108364	0.724	5.455 #
23) L5 AR-1248-3	6.133	4.990	27902	89501	0.490	4.292 #
24) L5 AR-1248-4	6.544	5.164	108620	15426	1.992	0.628 #
25) L5 AR-1248-5	6.579	5.549	80677	31094	1.420	1.432
26) L6 AR-1254-1	6.495	5.510	81116	42206	1.232	1.191
27) L6 AR-1254-2	6.723	5.649	22445	62345	0.233	1.949 #
28) L6 AR-1254-3	7.095	6.073	326752	109717	3.656	2.244 #
29) L6 AR-1254-4	7.353	6.313	10187	112019	0.186	4.274 #
30) L6 AR-1254-5	7.821	6.665f	144655	54997	2.148	1.305 #
31) L7 AR-1260-1	7.237	6.200	14036	228742	0.196	6.484 #
32) L7 AR-1260-2	7.522	6.407	65808	293884	0.834	7.331 #
33) L7 AR-1260-3	7.866	0.000	20022	0	0.367	N.D. #
34) L7 AR-1260-4	8.101	7.025	14310	28768	0.228	0.996 #
35) L7 AR-1260-5	8.436	0.000	25747	0	0.241	N.D. #
36) L8 AR-1262-1	7.866	6.794f	20022	205228	0.221	4.374 #
37) L8 AR-1262-2	8.436	7.025	25747	28768	0.193	0.693 #
38) L8 AR-1262-3	8.752	7.523	55306	194108	0.562	6.076 #
39) L8 AR-1262-4	8.838	7.600	44781	65714	0.559	1.195 #
40) L8 AR-1262-5	9.504	8.053f	53211	12165	1.211	0.484 #
41) L9 AR-1268-1	8.752	7.540	55306	51116	0.321	0.573 #

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 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	8.838	7.600	44781	65714	0.286	0.832 #
44) L9	AR-1268-4	9.504	8.053f	53211	12165	1.061	0.441 #
45) L9	AR-1268-5	9.932	8.437f	13305	116230	0.033	0.610 #

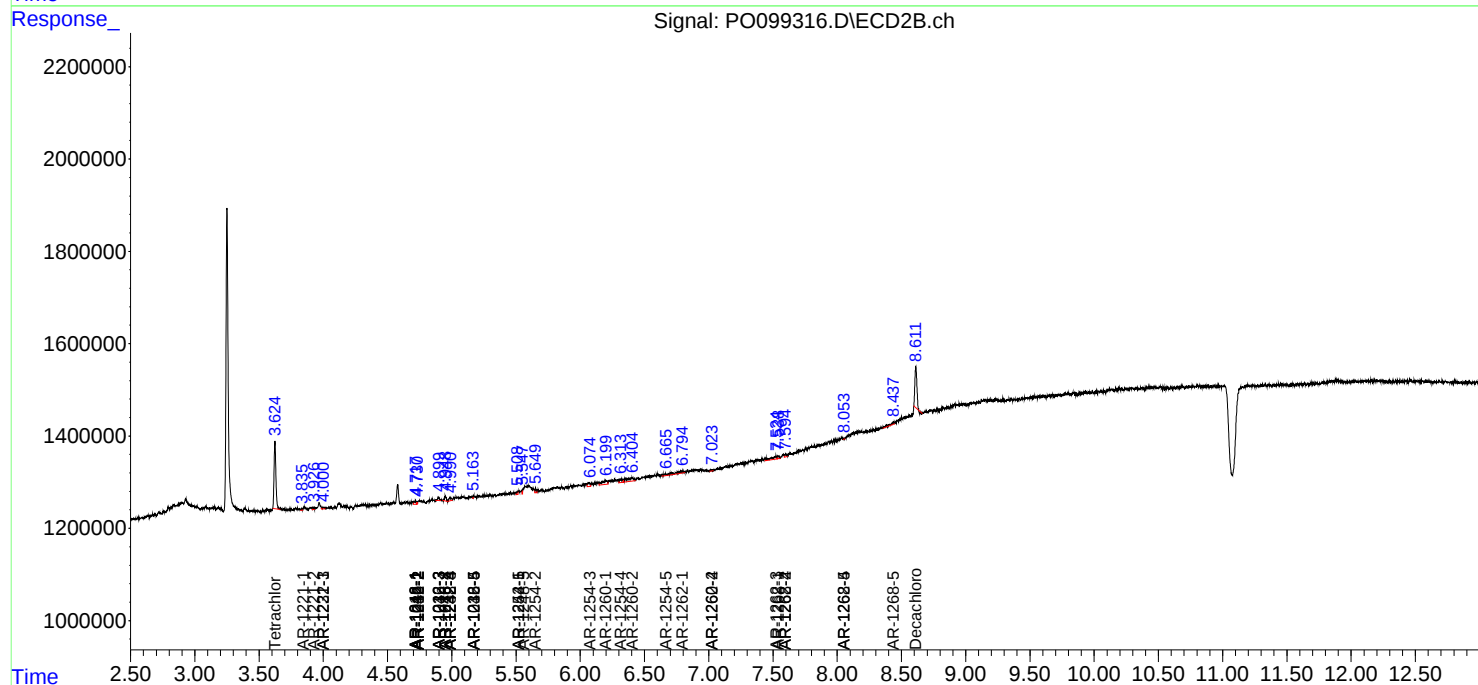
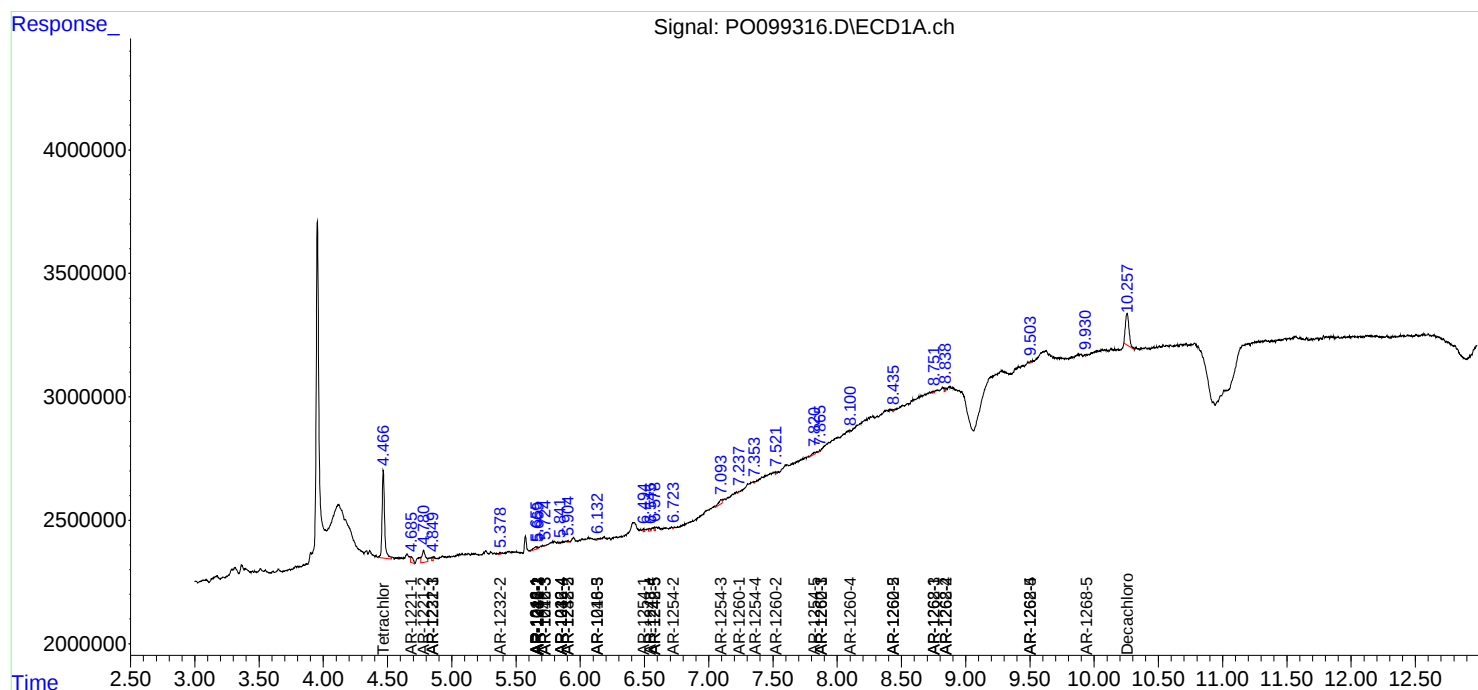
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

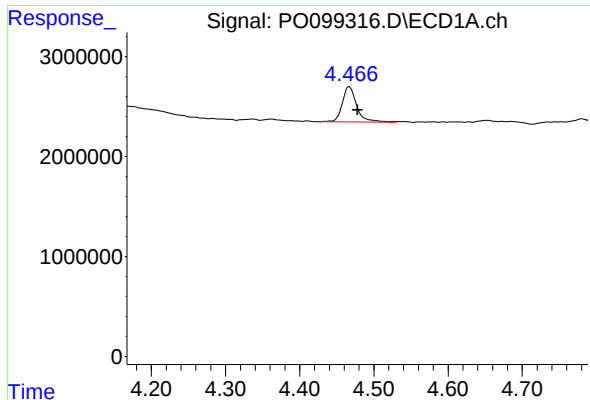
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110223\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

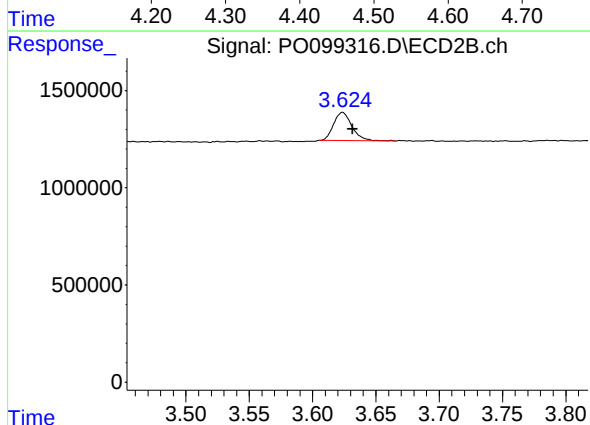




#1 Tetrachloro-m-xylene

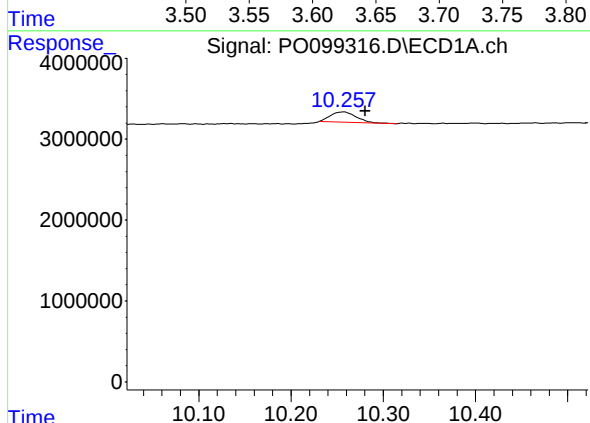
R.T.: 4.467 min
Delta R.T.: -0.011 min
Response: 4822606
Conc: 2.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



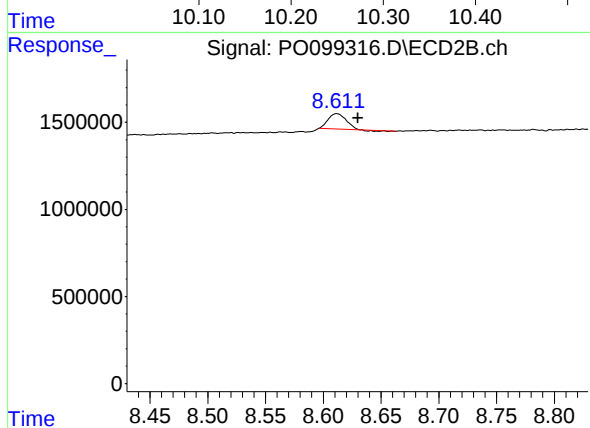
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: -0.008 min
Response: 1466188
Conc: 2.04 ng/ml



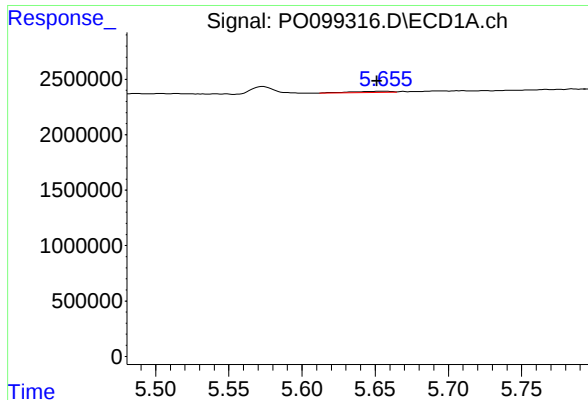
#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: -0.023 min
Response: 2531379
Conc: 2.23 ng/ml



#2 Decachlorobiphenyl

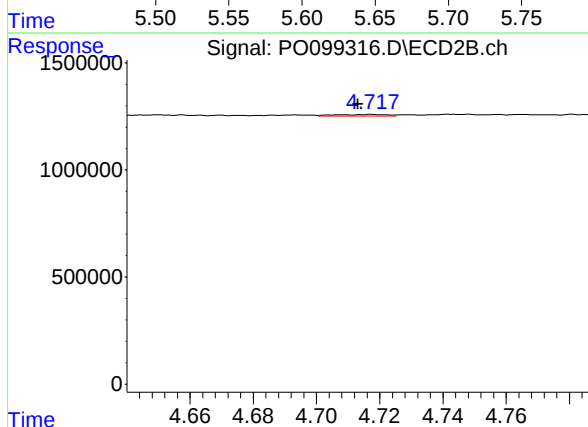
R.T.: 8.612 min
Delta R.T.: -0.018 min
Response: 943864
Conc: 1.76 ng/ml



#3 AR-1016-1

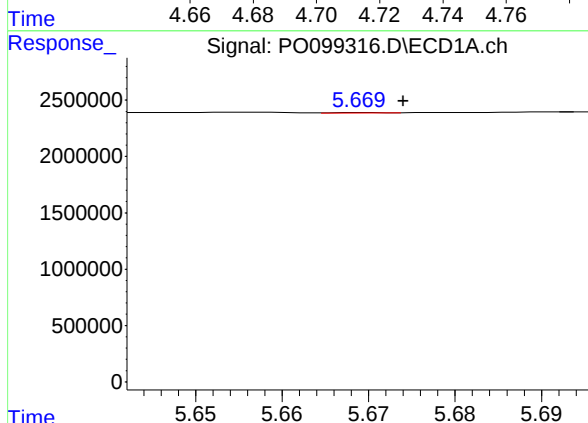
R.T.: 5.656 min
Delta R.T.: 0.005 min
Response: 193809
Conc: 3.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



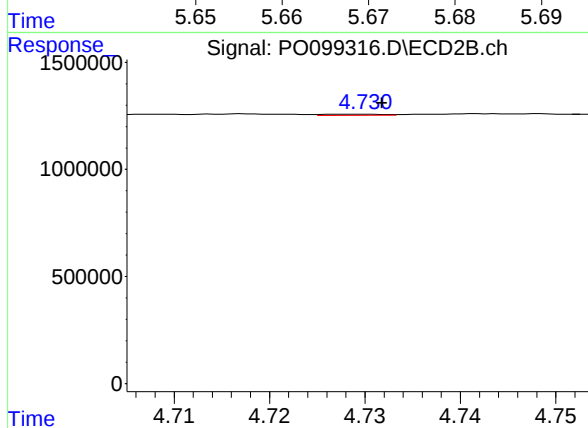
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: 0.004 min
Response: 79850
Conc: 3.57 ng/ml



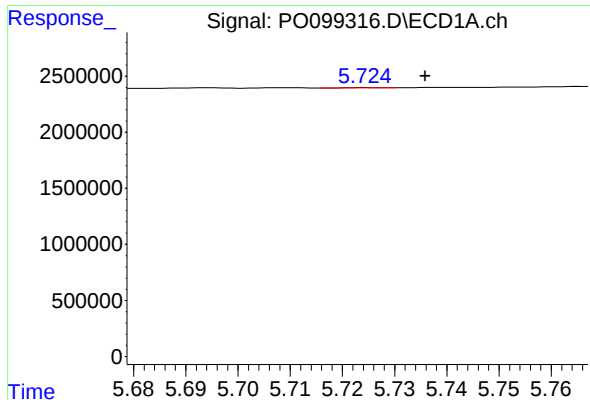
#4 AR-1016-2

R.T.: 5.669 min
Delta R.T.: -0.005 min
Response: 22519
Conc: 0.27 ng/ml



#4 AR-1016-2

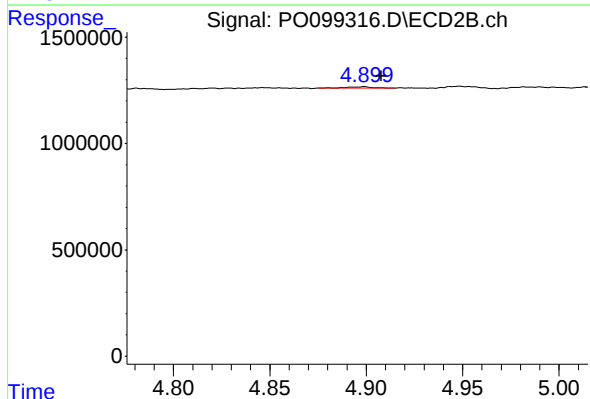
R.T.: 4.729 min
Delta R.T.: -0.002 min
Response: 23829
Conc: 0.76 ng/ml



#5 AR-1016-3

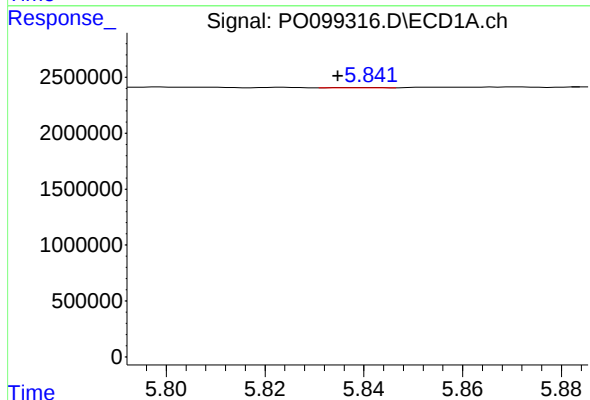
R.T.: 5.725 min
Delta R.T.: -0.011 min
Response: 13662
Conc: 0.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



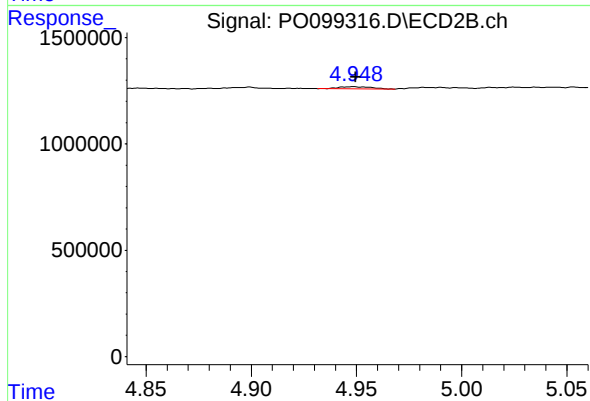
#5 AR-1016-3

R.T.: 4.899 min
Delta R.T.: -0.009 min
Response: 56060
Conc: 3.31 ng/ml



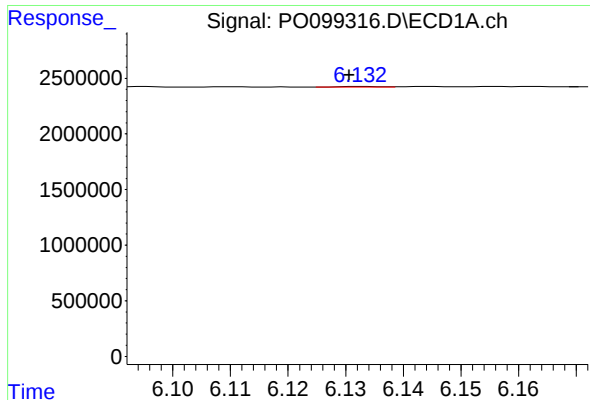
#6 AR-1016-4

R.T.: 5.841 min
Delta R.T.: 0.007 min
Response: 15099
Conc: 0.37 ng/ml



#6 AR-1016-4

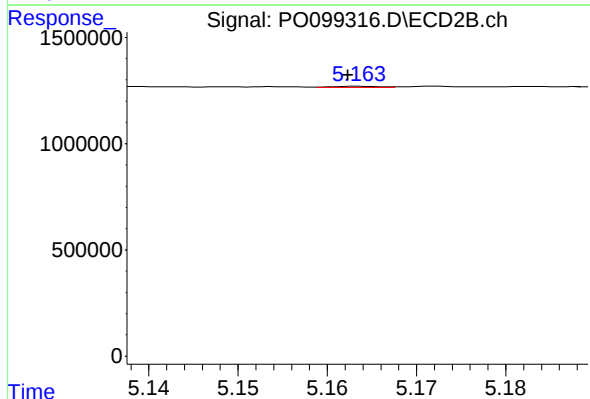
R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 108364
Conc: 7.50 ng/ml



#7 AR-1016-5

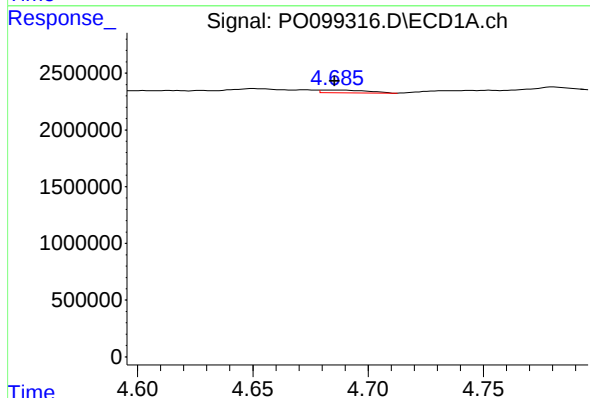
R.T.: 6.133 min
Delta R.T.: 0.002 min
Response: 27902
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



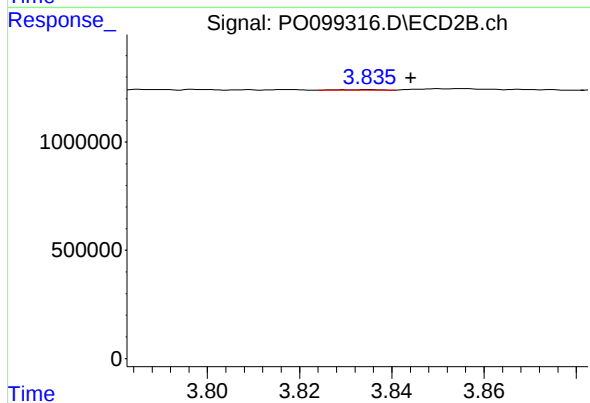
#7 AR-1016-5

R.T.: 5.164 min
Delta R.T.: 0.001 min
Response: 15426
Conc: 0.83 ng/ml



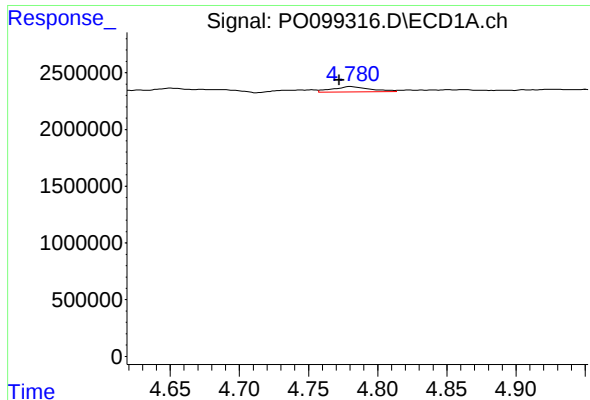
#8 AR-1221-1

R.T.: 4.685 min
Delta R.T.: 0.000 min
Response: 324515
Conc: 13.07 ng/ml



#8 AR-1221-1

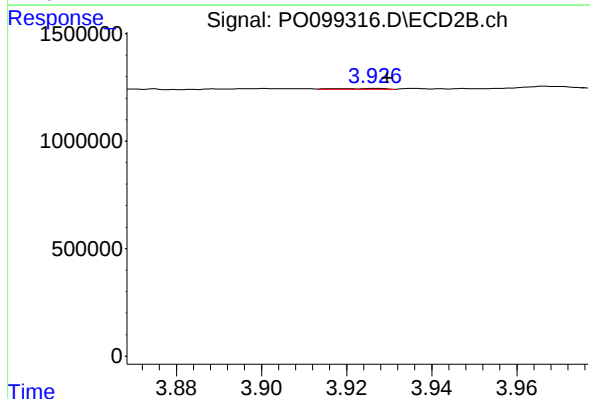
R.T.: 3.835 min
Delta R.T.: -0.009 min
Response: 20312
Conc: 2.19 ng/ml



#9 AR-1221-2

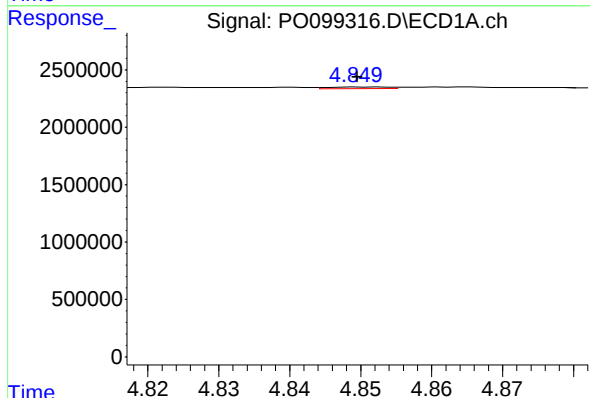
R.T.: 4.781 min
Delta R.T.: 0.008 min
Response: 921957
Conc: 49.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



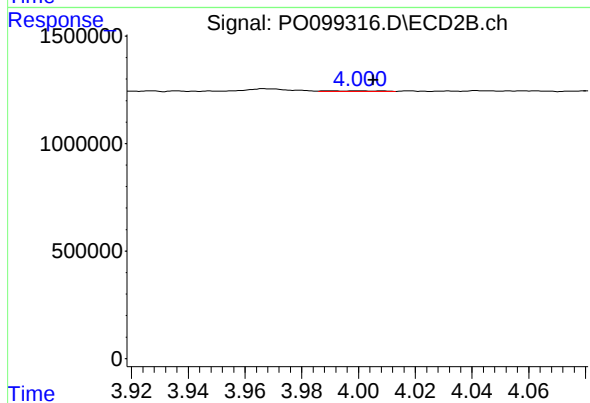
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: -0.003 min
Response: 35556
Conc: 5.48 ng/ml



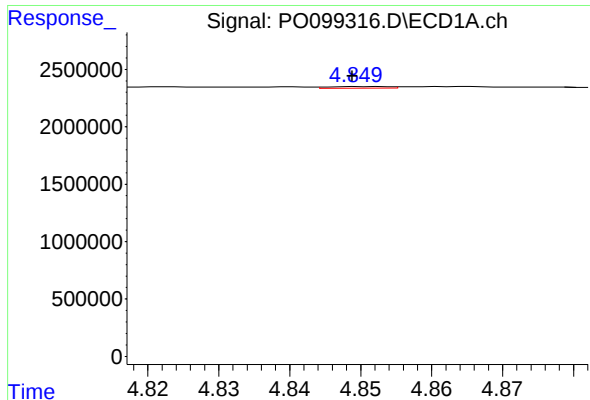
#10 AR-1221-3

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 84948
Conc: 1.57 ng/ml



#10 AR-1221-3

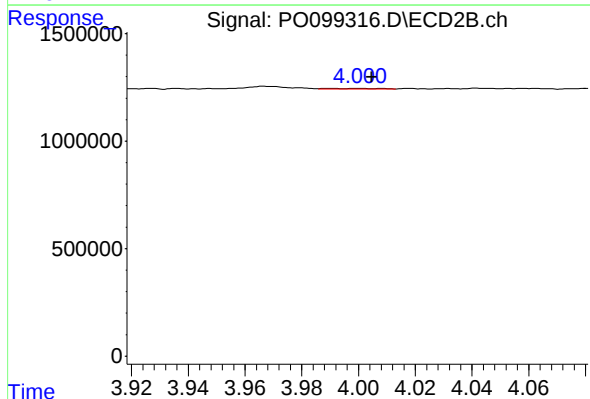
R.T.: 4.001 min
Delta R.T.: -0.005 min
Response: 46139
Conc: 2.28 ng/ml



#11 AR-1232-1

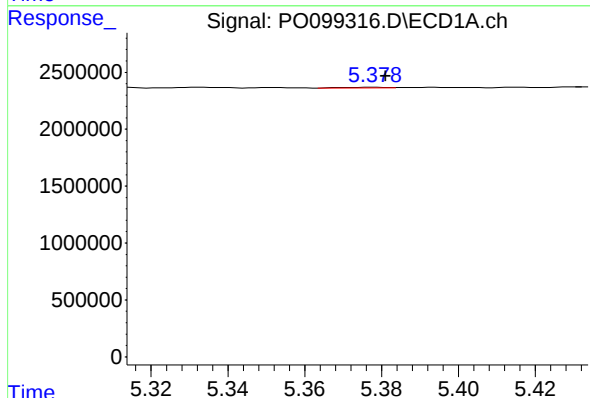
R.T.: 4.850 min
Delta R.T.: 0.001 min
Response: 84948
Conc: 1.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



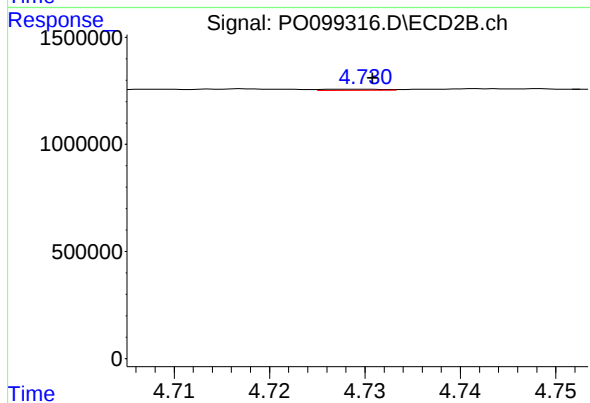
#11 AR-1232-1

R.T.: 4.001 min
Delta R.T.: -0.004 min
Response: 46139
Conc: 2.69 ng/ml



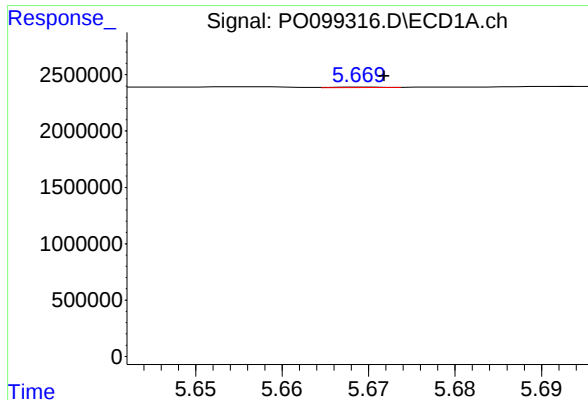
#12 AR-1232-2

R.T.: 5.378 min
Delta R.T.: -0.003 min
Response: 52152
Conc: 2.21 ng/ml



#12 AR-1232-2

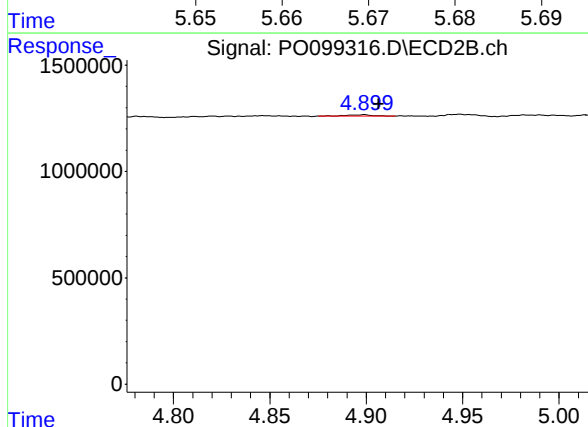
R.T.: 4.729 min
Delta R.T.: -0.001 min
Response: 23829
Conc: 1.56 ng/ml



#13 AR-1232-3

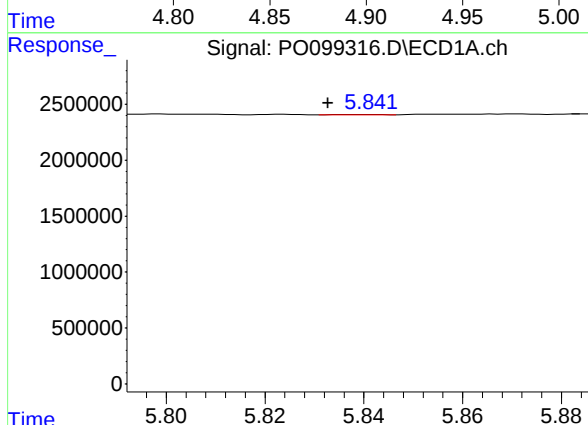
R.T.: 5.669 min
Delta R.T.: -0.003 min
Response: 22519
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



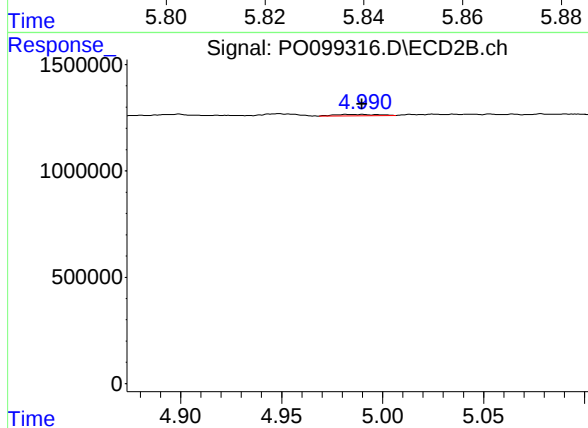
#13 AR-1232-3

R.T.: 4.899 min
Delta R.T.: -0.007 min
Response: 56060
Conc: 7.01 ng/ml



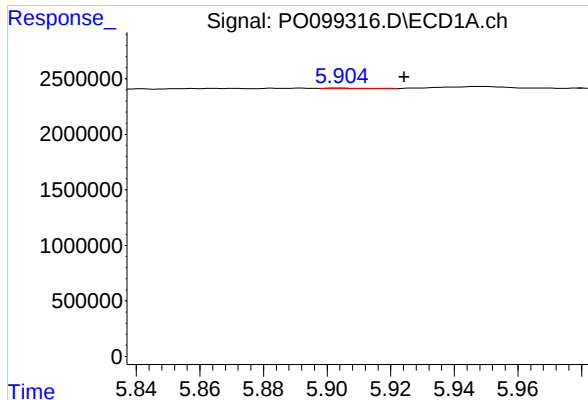
#14 AR-1232-4

R.T.: 5.841 min
Delta R.T.: 0.009 min
Response: 15099
Conc: 0.79 ng/ml



#14 AR-1232-4

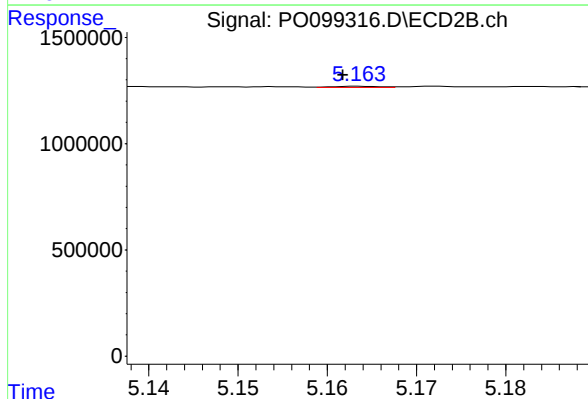
R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 89501
Conc: 11.63 ng/ml



#15 AR-1232-5

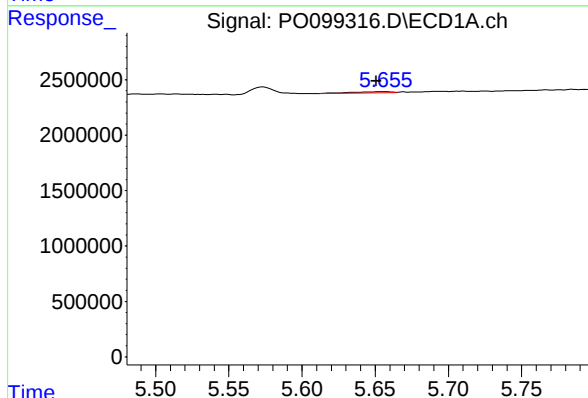
R.T.: 5.904 min
Delta R.T.: -0.020 min
Response: 37875
Conc: 2.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



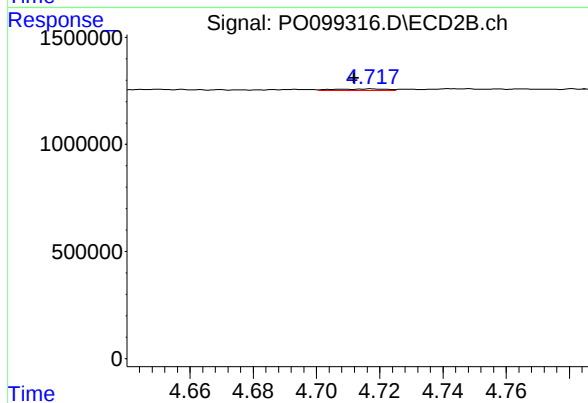
#15 AR-1232-5

R.T.: 5.164 min
Delta R.T.: 0.002 min
Response: 15426
Conc: 1.81 ng/ml



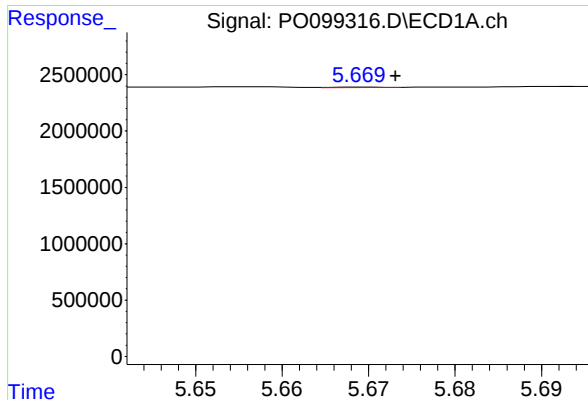
#16 AR-1242-1

R.T.: 5.656 min
Delta R.T.: 0.005 min
Response: 193809
Conc: 4.48 ng/ml



#16 AR-1242-1

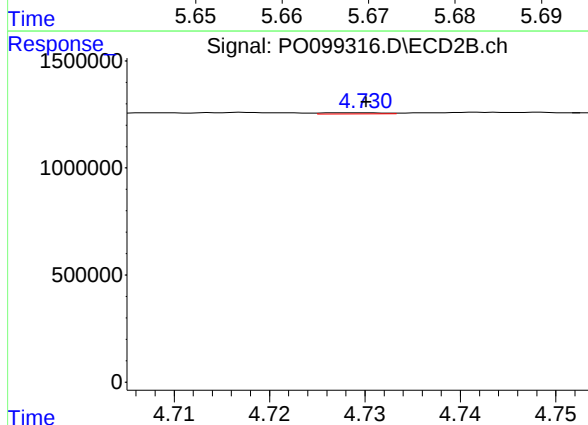
R.T.: 4.717 min
Delta R.T.: 0.005 min
Response: 79850
Conc: 4.54 ng/ml



#17 AR-1242-2

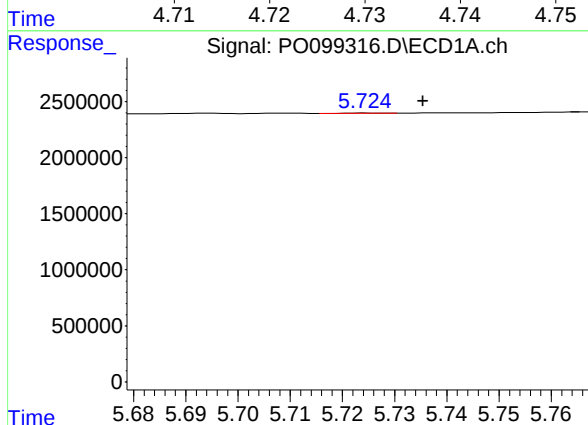
R.T.: 5.669 min
Delta R.T.: -0.004 min
Response: 22519
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



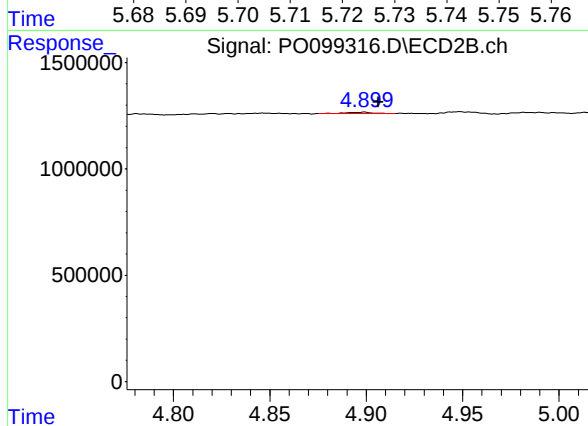
#17 AR-1242-2

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 23829
Conc: 0.98 ng/ml



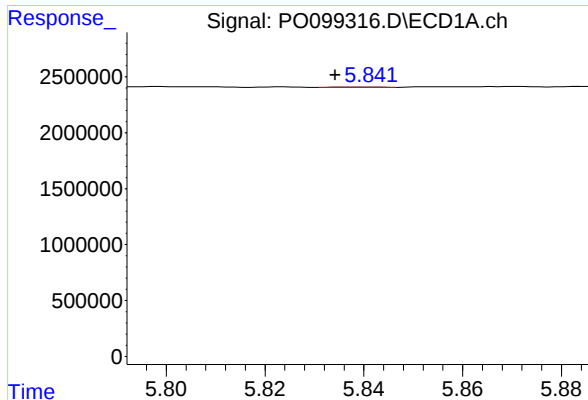
#18 AR-1242-3

R.T.: 5.725 min
Delta R.T.: -0.010 min
Response: 13662
Conc: 0.34 ng/ml



#18 AR-1242-3

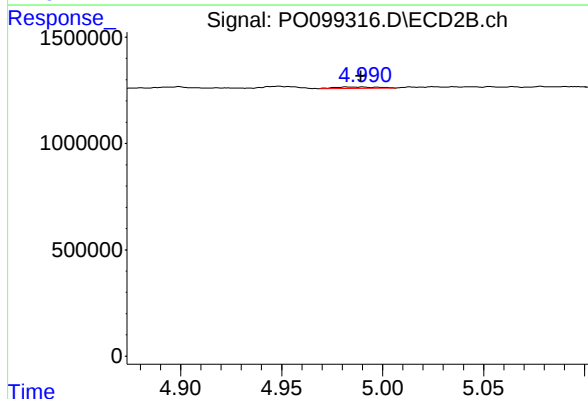
R.T.: 4.899 min
Delta R.T.: -0.007 min
Response: 56060
Conc: 4.37 ng/ml



#19 AR-1242-4

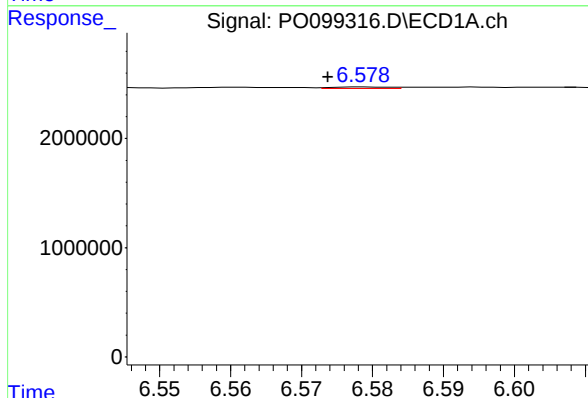
R.T.: 5.841 min
Delta R.T.: 0.007 min
Response: 15099
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



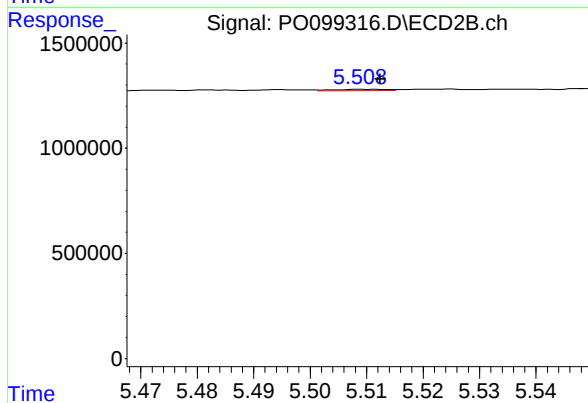
#19 AR-1242-4

R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 89501
Conc: 6.36 ng/ml



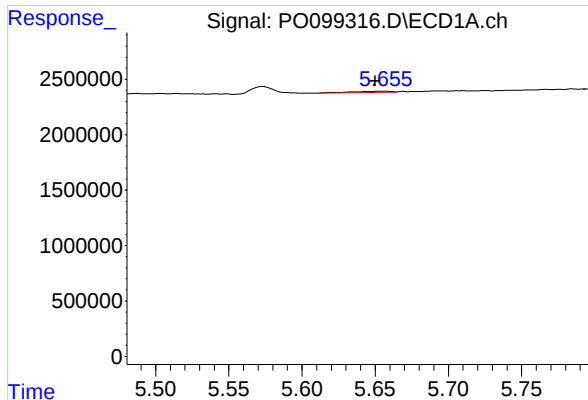
#20 AR-1242-5

R.T.: 6.579 min
Delta R.T.: 0.005 min
Response: 80677
Conc: 2.62 ng/ml



#20 AR-1242-5

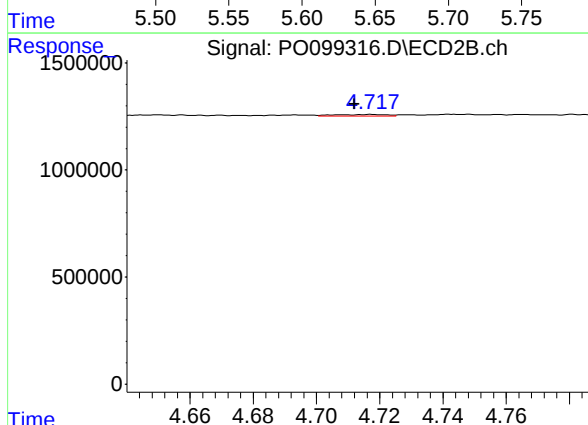
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 42206
Conc: 2.53 ng/ml



#21 AR-1248-1

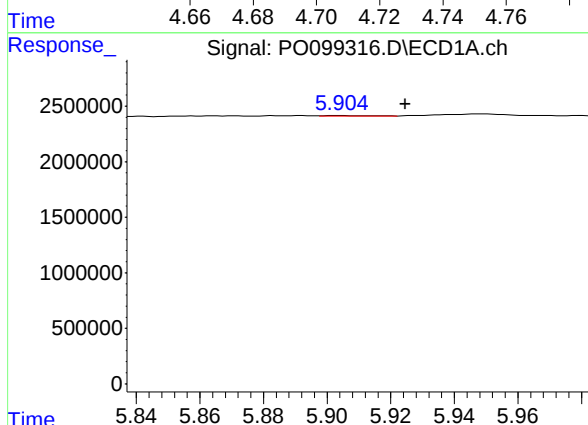
R.T.: 5.656 min
Delta R.T.: 0.006 min
Response: 193809
Conc: 5.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



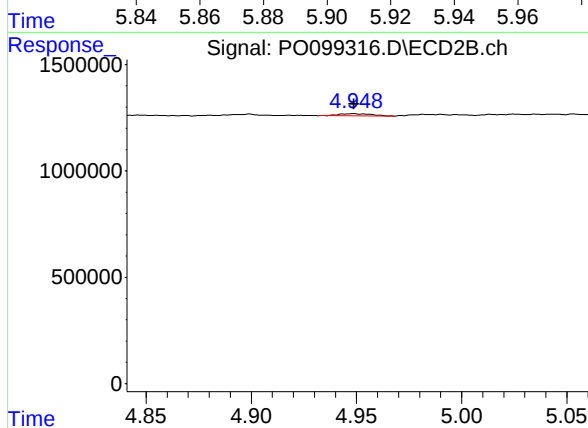
#21 AR-1248-1

R.T.: 4.717 min
Delta R.T.: 0.005 min
Response: 79850
Conc: 5.76 ng/ml



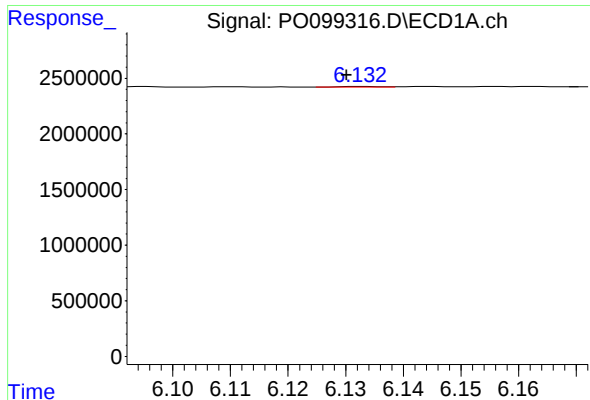
#22 AR-1248-2

R.T.: 5.904 min
Delta R.T.: -0.020 min
Response: 37875
Conc: 0.72 ng/ml



#22 AR-1248-2

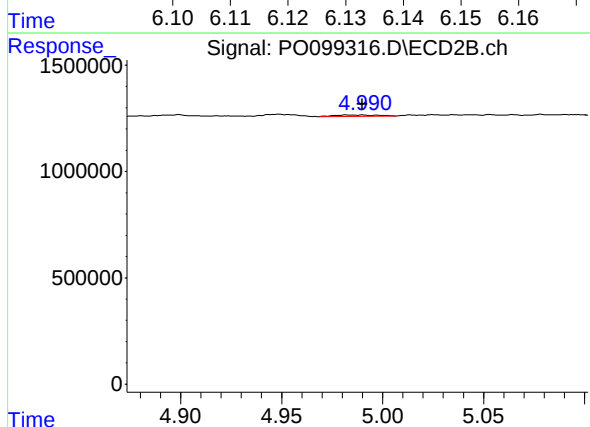
R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 108364
Conc: 5.46 ng/ml



#23 AR-1248-3

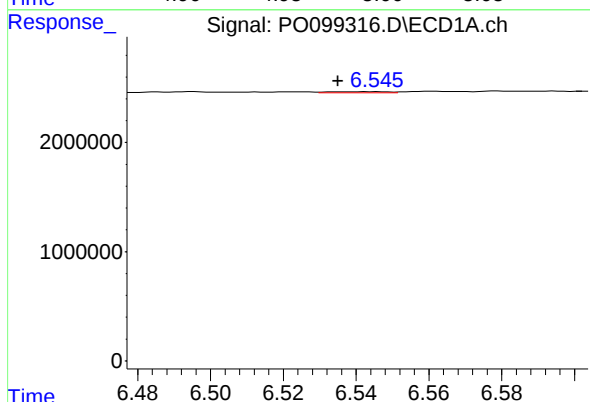
R.T.: 6.133 min
Delta R.T.: 0.003 min
Response: 27902
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



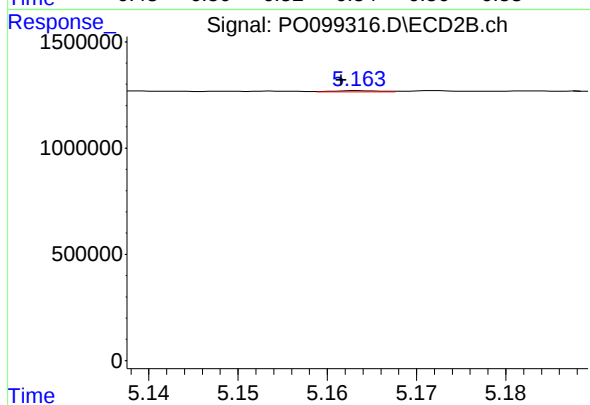
#23 AR-1248-3

R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 89501
Conc: 4.29 ng/ml



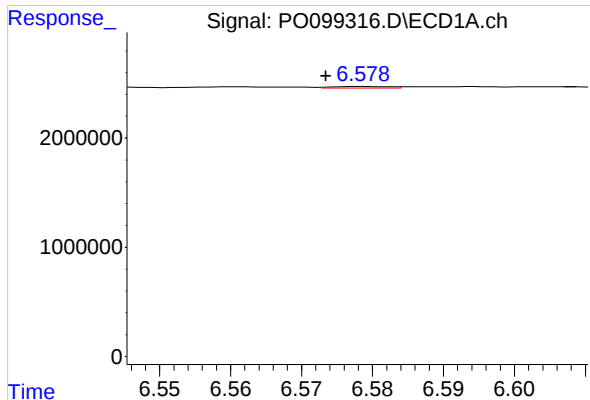
#24 AR-1248-4

R.T.: 6.544 min
Delta R.T.: 0.009 min
Response: 108620
Conc: 1.99 ng/ml



#24 AR-1248-4

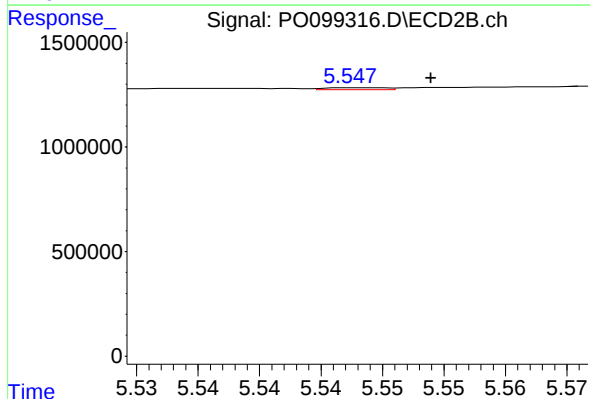
R.T.: 5.164 min
Delta R.T.: 0.002 min
Response: 15426
Conc: 0.63 ng/ml



#25 AR-1248-5

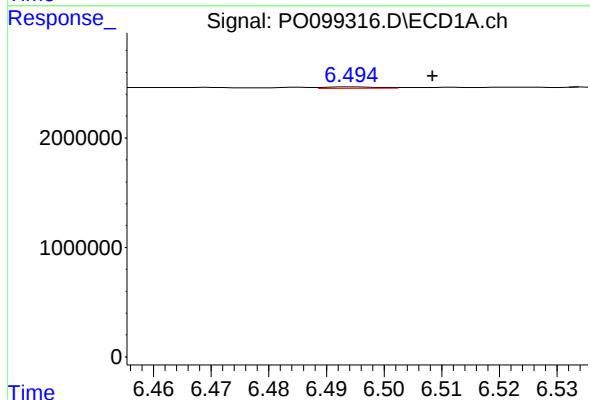
R.T.: 6.579 min
Delta R.T.: 0.005 min
Response: 80677
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



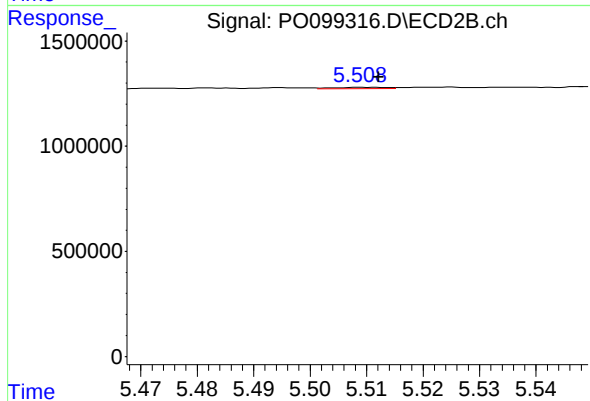
#25 AR-1248-5

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 31094
Conc: 1.43 ng/ml



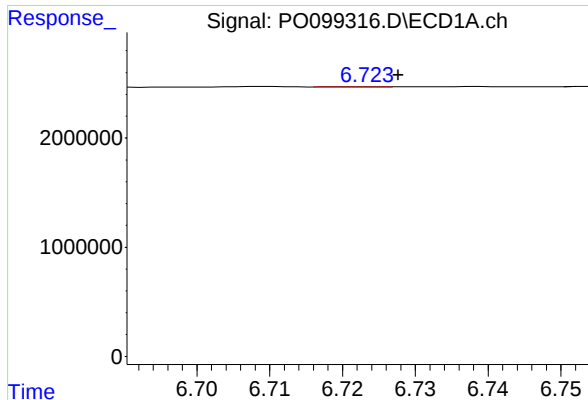
#26 AR-1254-1

R.T.: 6.495 min
Delta R.T.: -0.014 min
Response: 81116
Conc: 1.23 ng/ml



#26 AR-1254-1

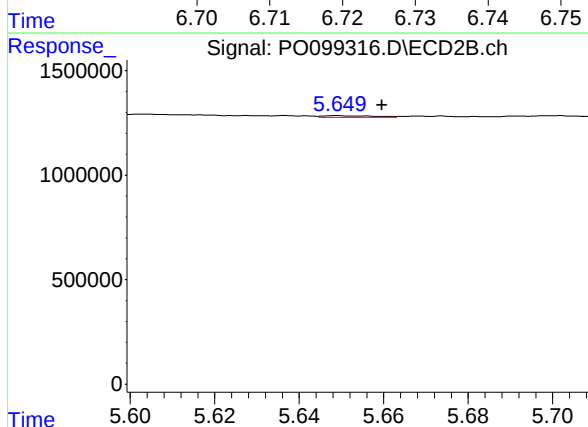
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 42206
Conc: 1.19 ng/ml



#27 AR-1254-2

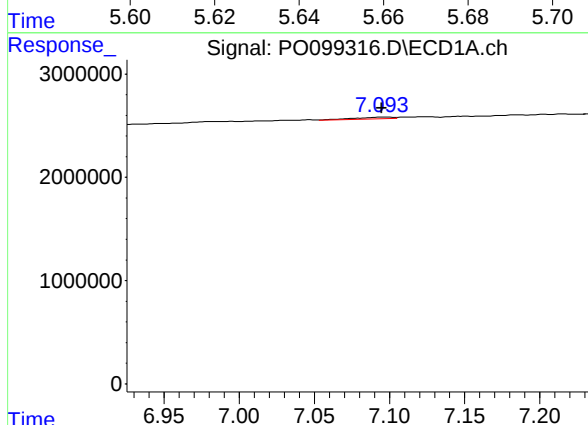
R.T.: 6.723 min
Delta R.T.: -0.005 min
Response: 22445
Conc: 0.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



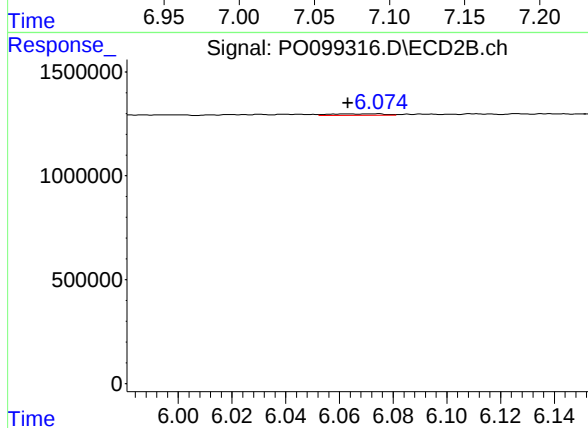
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: -0.010 min
Response: 62345
Conc: 1.95 ng/ml



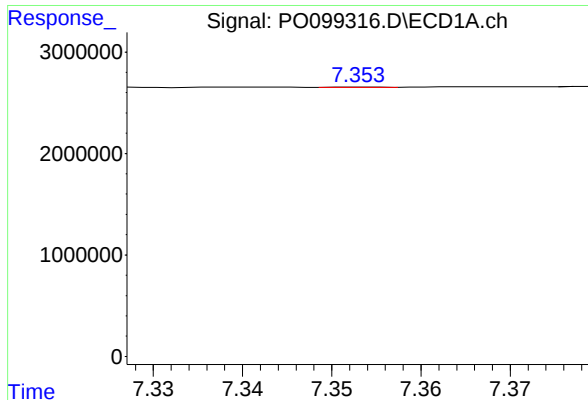
#28 AR-1254-3

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 326752
Conc: 3.66 ng/ml



#28 AR-1254-3

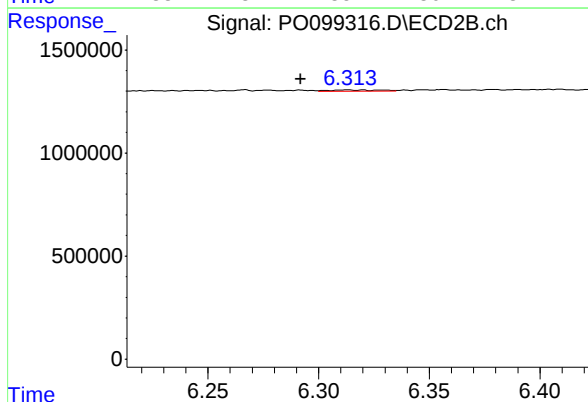
R.T.: 6.073 min
Delta R.T.: 0.010 min
Response: 109717
Conc: 2.24 ng/ml



#29 AR-1254-4

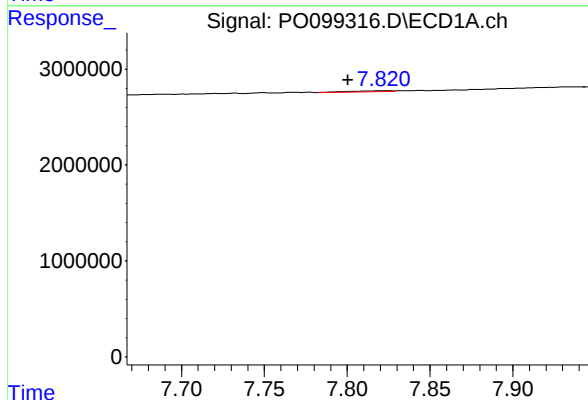
R.T.: 7.353 min
Delta R.T.: -0.027 min
Response: 10187
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



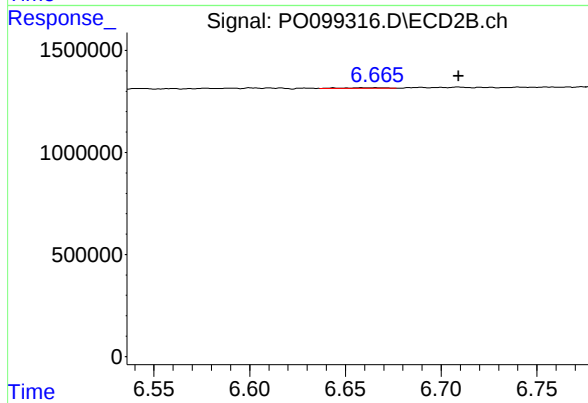
#29 AR-1254-4

R.T.: 6.313 min
Delta R.T.: 0.021 min
Response: 112019
Conc: 4.27 ng/ml



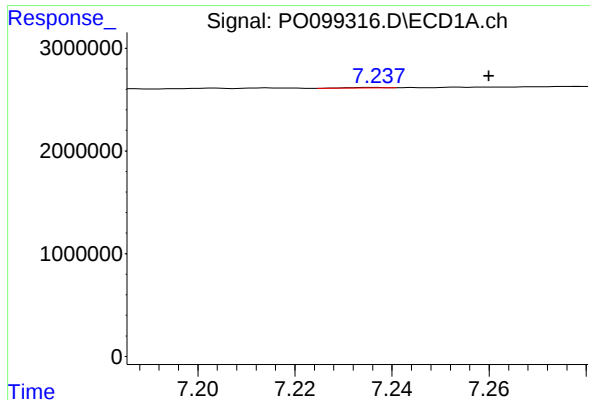
#30 AR-1254-5

R.T.: 7.821 min
Delta R.T.: 0.021 min
Response: 144655
Conc: 2.15 ng/ml



#30 AR-1254-5

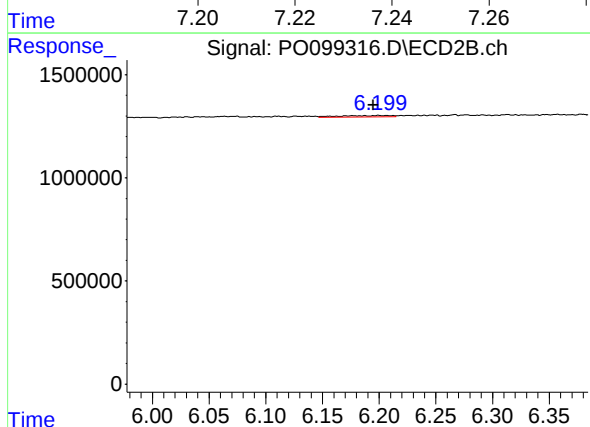
R.T.: 6.665 min
Delta R.T.: -0.044 min
Response: 54997
Conc: 1.30 ng/ml



#31 AR-1260-1

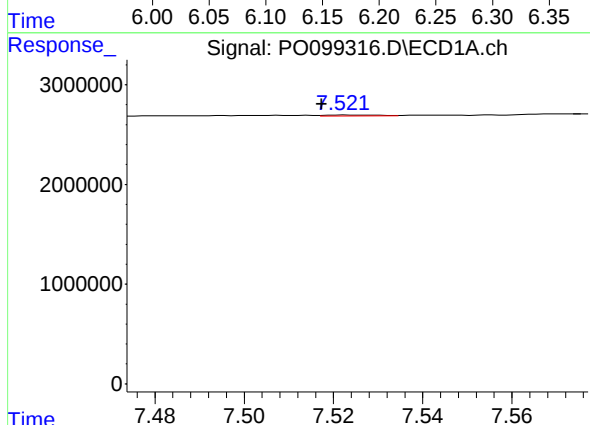
R.T.: 7.237 min
Delta R.T.: -0.023 min
Response: 14036
Conc: 0.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



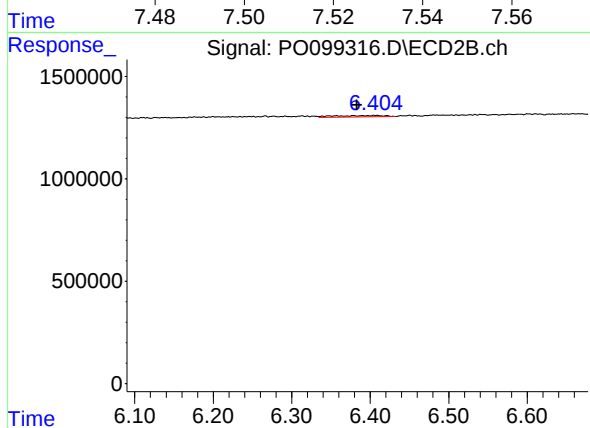
#31 AR-1260-1

R.T.: 6.200 min
Delta R.T.: 0.005 min
Response: 228742
Conc: 6.48 ng/ml



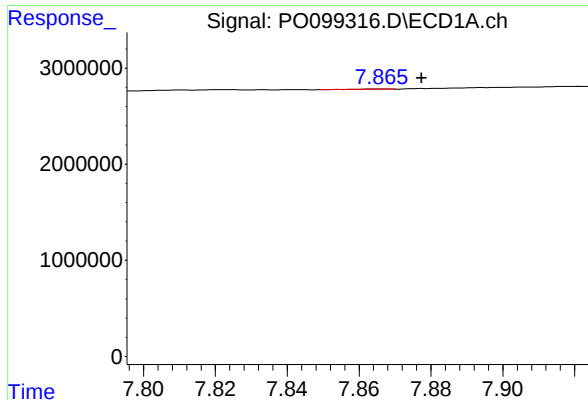
#32 AR-1260-2

R.T.: 7.522 min
Delta R.T.: 0.005 min
Response: 65808
Conc: 0.83 ng/ml



#32 AR-1260-2

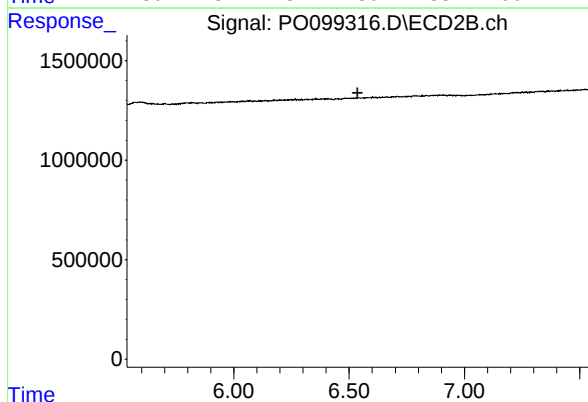
R.T.: 6.407 min
Delta R.T.: 0.024 min
Response: 293884
Conc: 7.33 ng/ml



#33 AR-1260-3

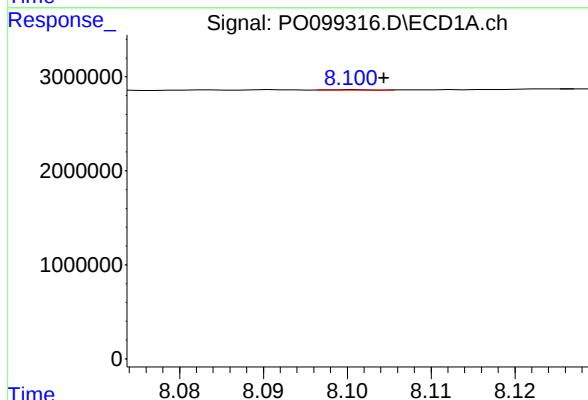
R.T.: 7.866 min
Delta R.T.: -0.011 min
Response: 20022
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



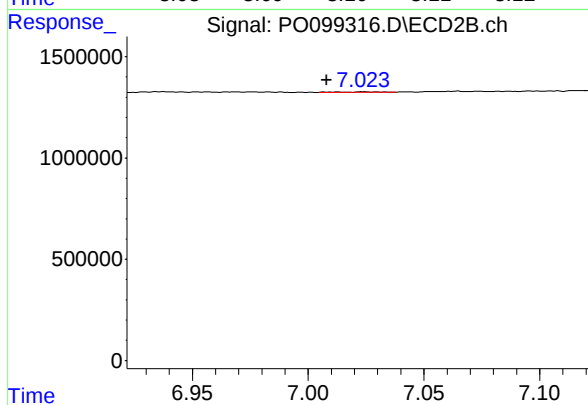
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 6.537 min
Response: 0
Conc: N.D.



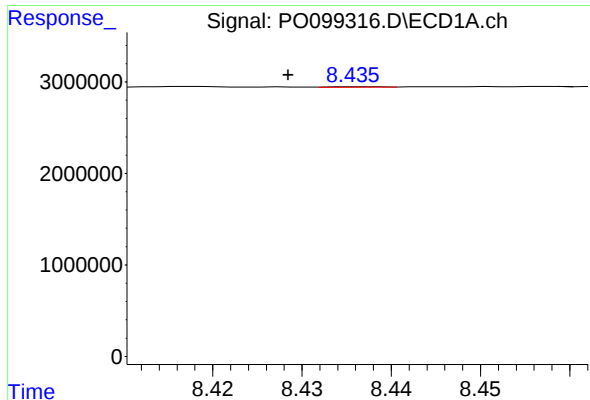
#34 AR-1260-4

R.T.: 8.101 min
Delta R.T.: -0.004 min
Response: 14310
Conc: 0.23 ng/ml



#34 AR-1260-4

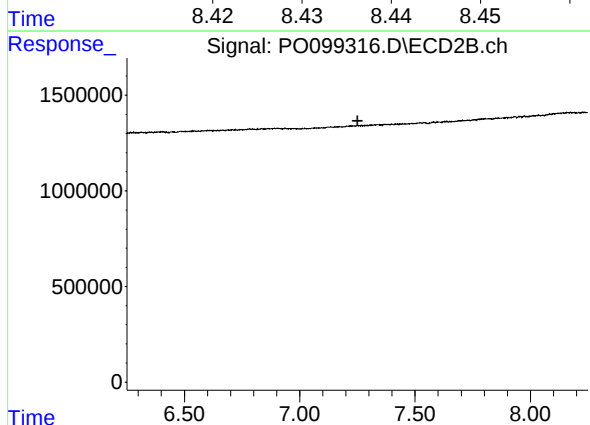
R.T.: 7.025 min
Delta R.T.: 0.017 min
Response: 28768
Conc: 1.00 ng/ml



#35 AR-1260-5

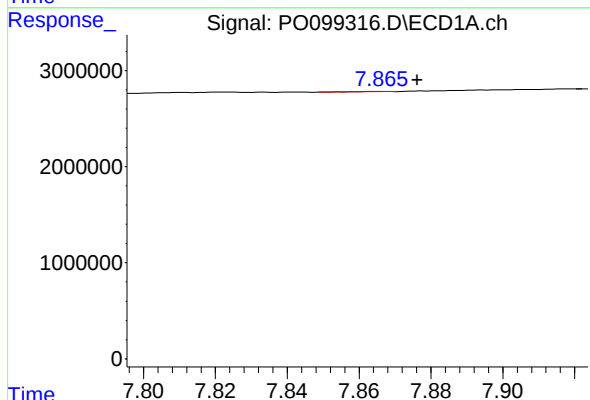
R.T.: 8.436 min
Delta R.T.: 0.008 min
Response: 25747
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



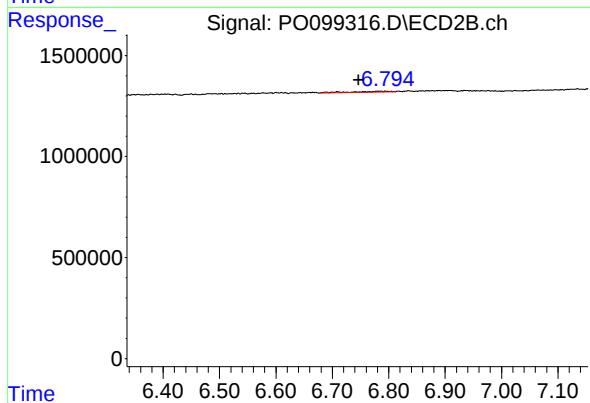
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.250 min
Response: 0
Conc: N.D.



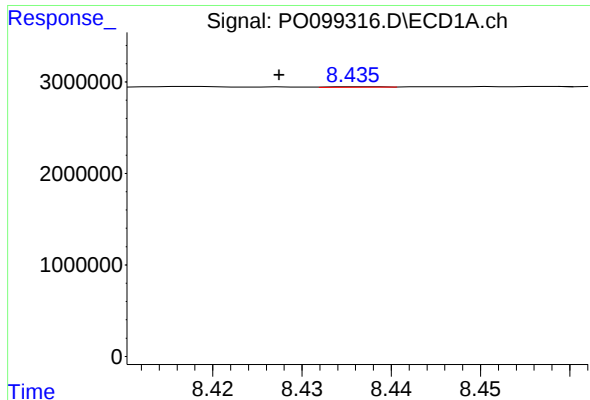
#36 AR-1262-1

R.T.: 7.866 min
Delta R.T.: -0.010 min
Response: 20022
Conc: 0.22 ng/ml



#36 AR-1262-1

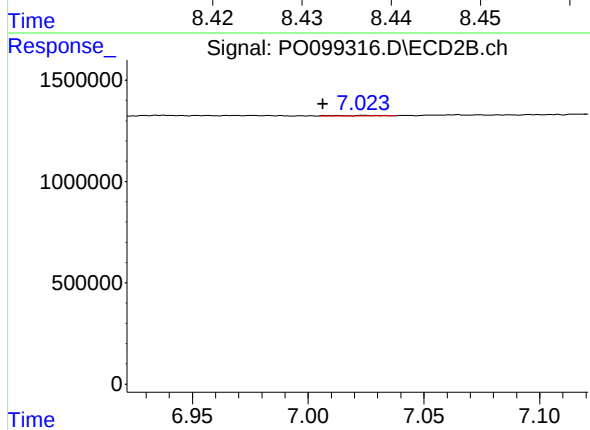
R.T.: 6.794 min
Delta R.T.: 0.048 min
Response: 205228
Conc: 4.37 ng/ml



#37 AR-1262-2

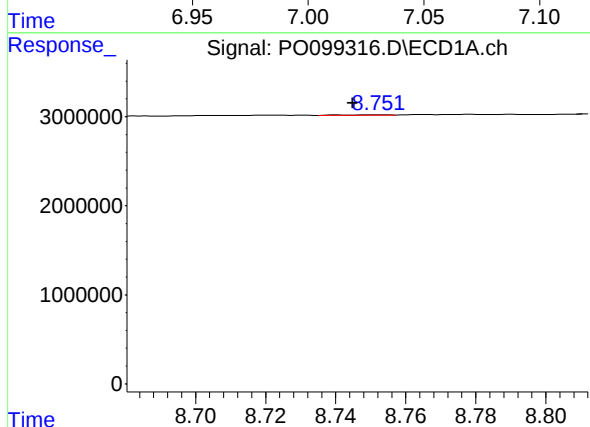
R.T.: 8.436 min
Delta R.T.: 0.009 min
Response: 25747
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



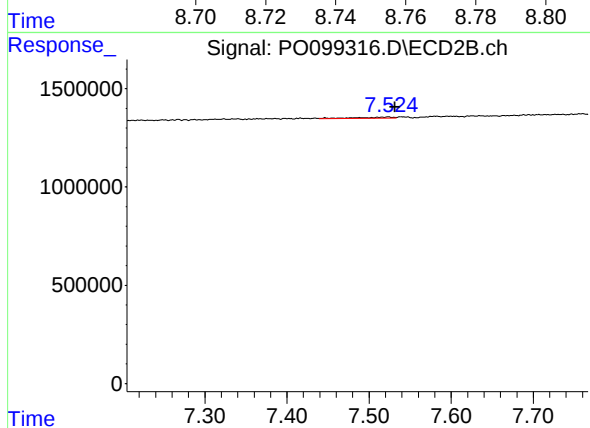
#37 AR-1262-2

R.T.: 7.025 min
Delta R.T.: 0.019 min
Response: 28768
Conc: 0.69 ng/ml



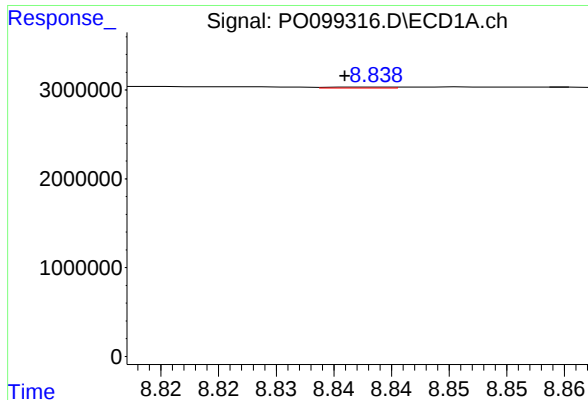
#38 AR-1262-3

R.T.: 8.752 min
Delta R.T.: 0.007 min
Response: 55306
Conc: 0.56 ng/ml



#38 AR-1262-3

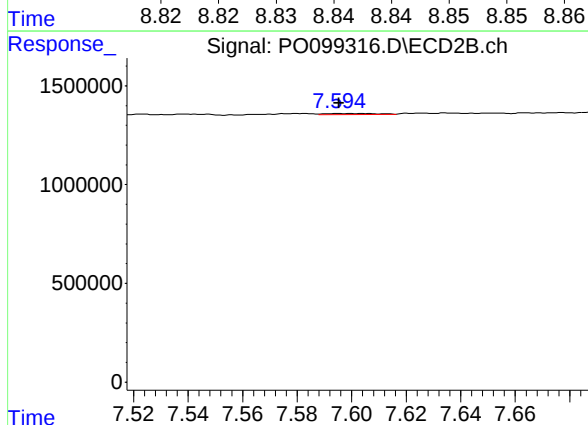
R.T.: 7.523 min
Delta R.T.: -0.009 min
Response: 194108
Conc: 6.08 ng/ml



#39 AR-1262-4

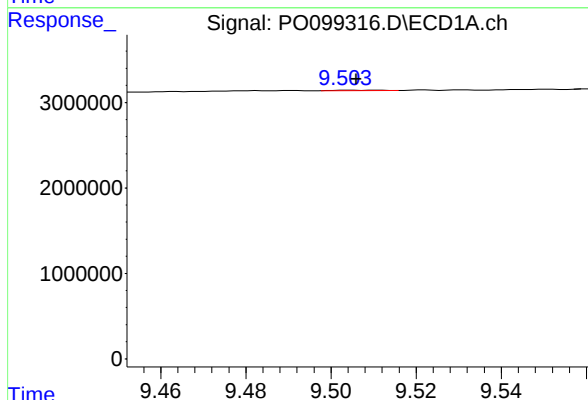
R.T.: 8.838 min
Delta R.T.: 0.002 min
Response: 44781
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



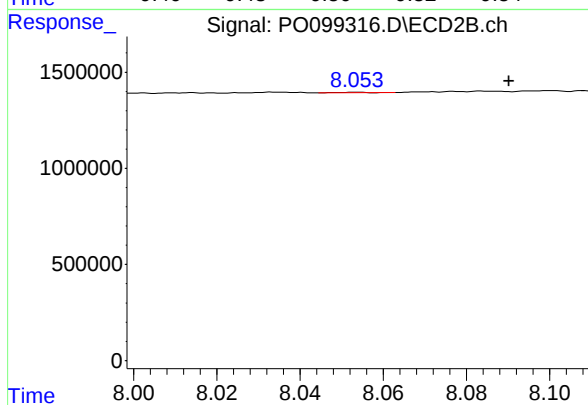
#39 AR-1262-4

R.T.: 7.600 min
Delta R.T.: 0.004 min
Response: 65714
Conc: 1.20 ng/ml



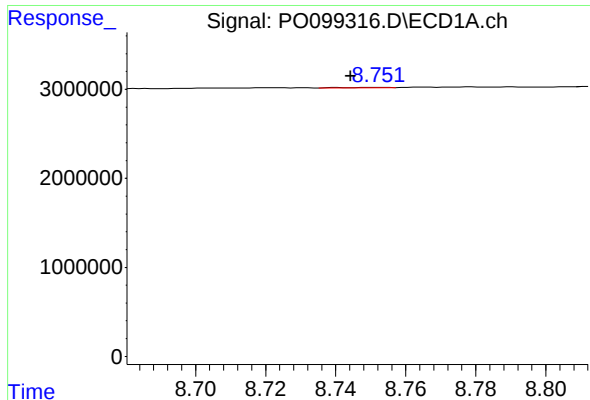
#40 AR-1262-5

R.T.: 9.504 min
Delta R.T.: -0.002 min
Response: 53211
Conc: 1.21 ng/ml



#40 AR-1262-5

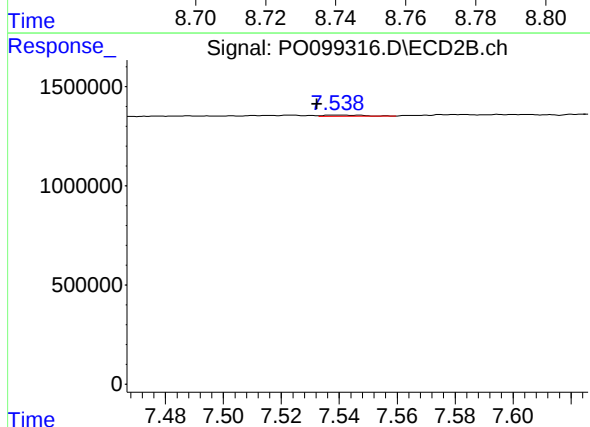
R.T.: 8.053 min
Delta R.T.: -0.037 min
Response: 12165
Conc: 0.48 ng/ml



#41 AR-1268-1

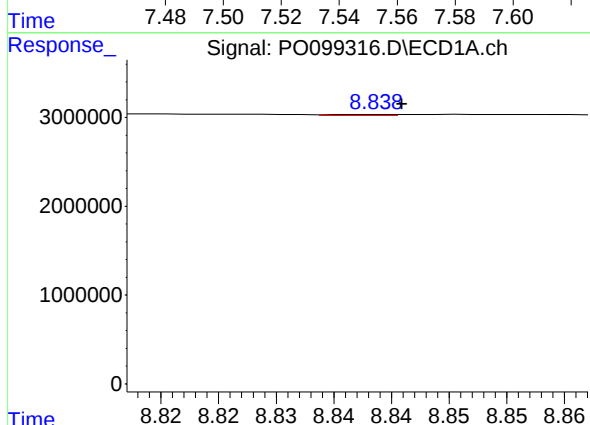
R.T.: 8.752 min
Delta R.T.: 0.007 min
Response: 55306
Conc: 0.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



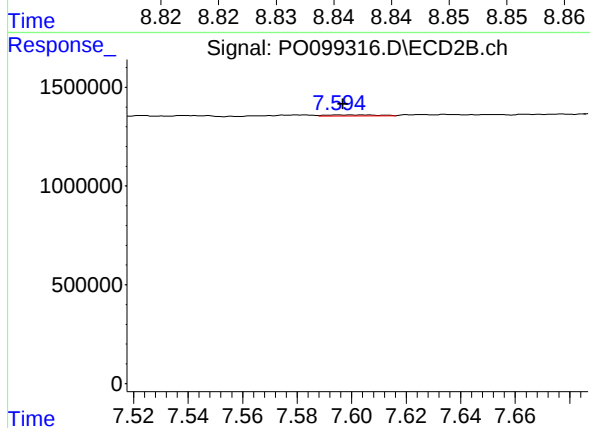
#41 AR-1268-1

R.T.: 7.540 min
Delta R.T.: 0.008 min
Response: 51116
Conc: 0.57 ng/ml



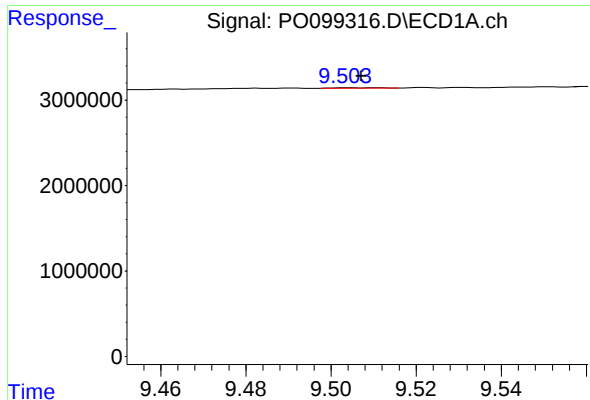
#42 AR-1268-2

R.T.: 8.838 min
Delta R.T.: -0.003 min
Response: 44781
Conc: 0.29 ng/ml



#42 AR-1268-2

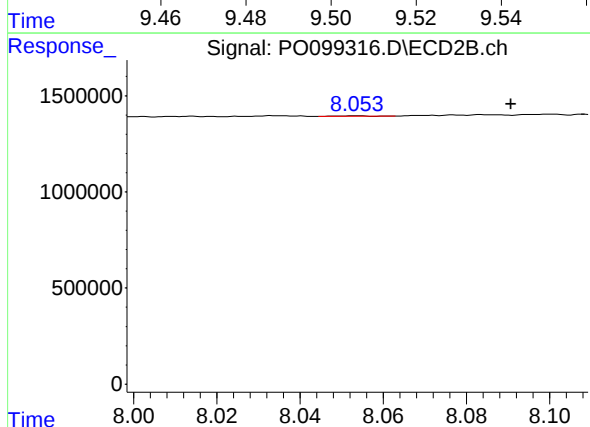
R.T.: 7.600 min
Delta R.T.: 0.003 min
Response: 65714
Conc: 0.83 ng/ml



#44 AR-1268-4

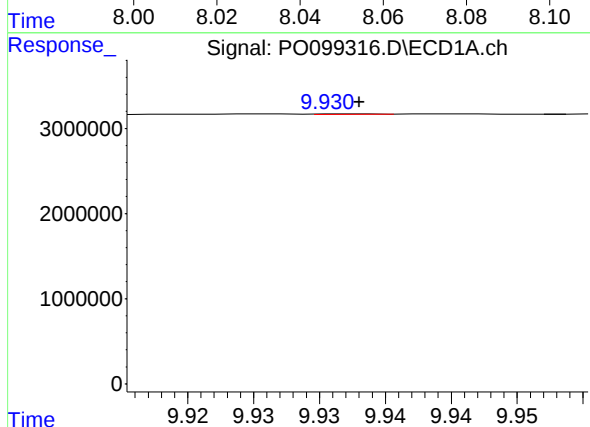
R.T.: 9.504 min
Delta R.T.: -0.003 min
Response: 53211
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



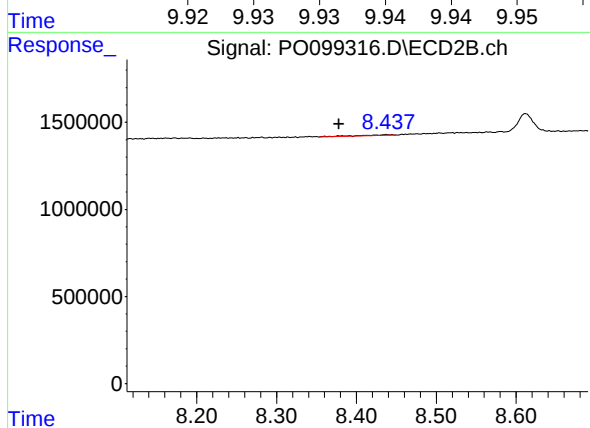
#44 AR-1268-4

R.T.: 8.053 min
Delta R.T.: -0.038 min
Response: 12165
Conc: 0.44 ng/ml



#45 AR-1268-5

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 13305
Conc: 0.03 ng/ml



#45 AR-1268-5

R.T.: 8.437 min
Delta R.T.: 0.059 min
Response: 116230
Conc: 0.61 ng/ml