

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0100323\
 Data File : P0098499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 23:18
 Operator : YP/AJ
 Sample : 04695-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:37:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 28 01:18:56 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...	4.484	3.638	38245130	15745651	19.917	20.216
2) SA Decachlor...	10.296	8.642	18634702	8383744	15.352	15.648
Target Compounds						
3) L1 AR-1016-1	5.671	4.729	50119	210994	0.927	8.840 #
4) L1 AR-1016-2	5.671	4.729	50119	210994	0.617	6.196 #
5) L1 AR-1016-3	5.729	4.923	221462	22010	4.426	1.224 #
6) L1 AR-1016-4	5.834	4.961	3075	136844	0.079	9.128 #
7) L1 AR-1016-5	6.146	5.199	48501	13162	1.179	0.678 #
8) L2 AR-1221-1	4.694	3.844	8143933	62565	361.705	6.810 #
9) L2 AR-1221-2	4.792	3.927	1051814	2152148	62.337	323.656 #
10) L2 AR-1221-3	4.861	0.000	49096	0	1.004	N.D. #
11) L3 AR-1232-1	4.861	0.000	49096	0	1.202	N.D. #
12) L3 AR-1232-2	5.369	4.729	244192	210994	11.291	14.041
13) L3 AR-1232-3	5.671	4.923	50119	22010	1.410	2.812 #
14) L3 AR-1232-4	5.834	5.003	3075	50139	0.181	6.668 #
15) L3 AR-1232-5	5.939	5.199	35524	13162	2.495	1.627 #
16) L4 AR-1242-1	5.671	4.729	50119	210994	1.101	10.078 #
17) L4 AR-1242-2	5.671	4.729	50119	210994	0.732	7.256 #
18) L4 AR-1242-3	5.729	4.923	221462	22010	5.230	1.408 #
19) L4 AR-1242-4	5.834	5.003	3075	50139	0.094	3.027 #
20) L4 AR-1242-5	6.584	5.523	203858	36918	5.755	1.989 #
21) L5 AR-1248-1	5.671	4.729	50119	210994	1.481	13.464 #
22) L5 AR-1248-2	5.939	4.961	35524	136844	0.686	6.218 #
23) L5 AR-1248-3	6.146	5.003	48501	50139	0.858	2.135 #
24) L5 AR-1248-4	6.551	5.199	195228	13162	3.444	0.493 #
25) L5 AR-1248-5	6.584	5.562	203858	54920	3.447	2.327 #
26) L6 AR-1254-1	6.520	5.523	235423	36918	3.727	0.963 #
27) L6 AR-1254-2	6.741	5.670	175626	94829	1.830	2.754 #
28) L6 AR-1254-3	7.108	6.068	77661	137558	0.825	2.647 #
29) L6 AR-1254-4	7.400	6.292	43731	91174	0.751	3.322 #
30) L6 AR-1254-5	7.794	6.710	38496	129574	0.551	2.991 #
31) L7 AR-1260-1	7.278	6.231	13764	236496	0.189	6.446 #
32) L7 AR-1260-2	7.520	6.381	280437	27851	3.406	0.664 #
33) L7 AR-1260-3	7.884	6.545	12636	114531	0.204	2.862 #
34) L7 AR-1260-4	8.116	7.025	199978	133818	2.966	4.155 #
35) L7 AR-1260-5	8.443	7.259	418136	177436	3.218	2.533
36) L8 AR-1262-1	7.884	6.801f	12636	122560	0.145	2.708 #
37) L8 AR-1262-2	8.443	7.025	418136	133818	2.964	3.319
38) L8 AR-1262-3	8.762	7.551	36627	372984	0.371	12.015 #
39) L8 AR-1262-4	8.846	7.608	156345	19124	2.037	0.353 #
40) L8 AR-1262-5	9.526	8.088	51630	78057	1.064	3.161 #
41) L9 AR-1268-1	8.762	7.551	36627	372984	0.211	4.082 #

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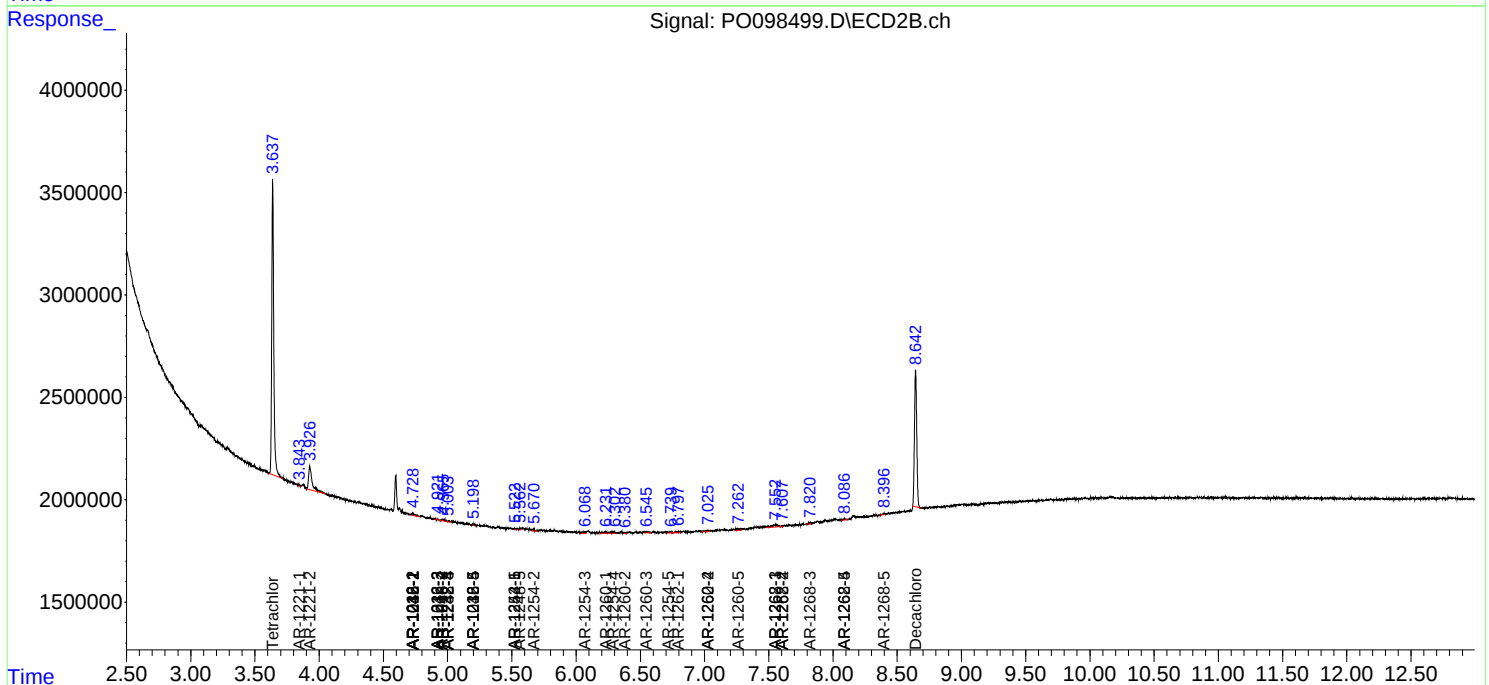
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

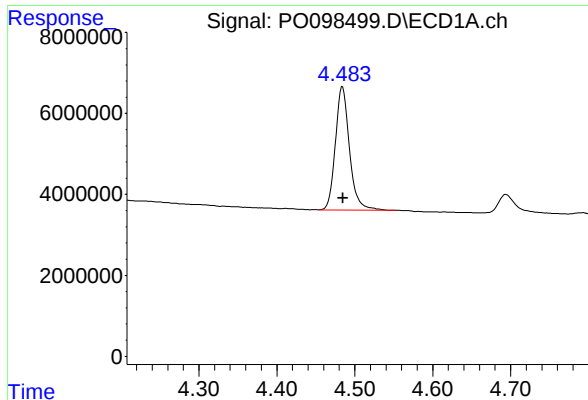
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.861	7.608	91316	19124	0.586	0.247 #
43) L9	AR-1268-3	9.092	7.821	124996	69168	0.914	1.044
44) L9	AR-1268-4	9.526	8.088	51630	78057	0.969	2.884 #
45) L9	AR-1268-5	9.957	8.395	98999	73492	0.225	0.371 #

(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

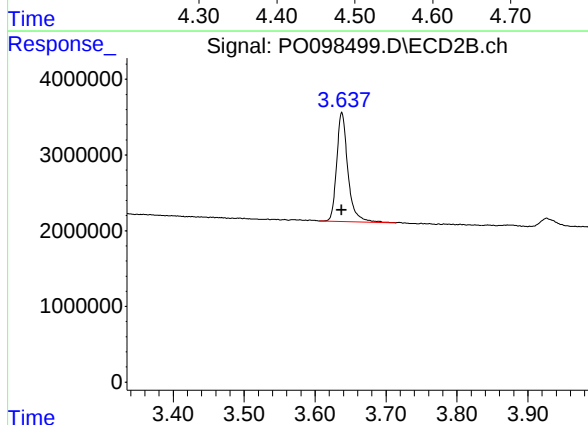




#1 Tetrachloro-m-xylene

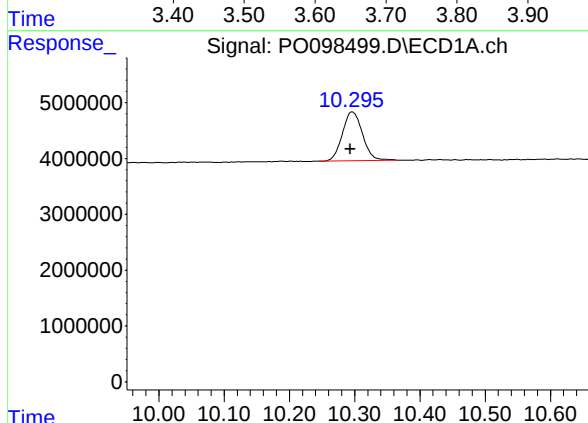
R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 38245130
Conc: 19.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



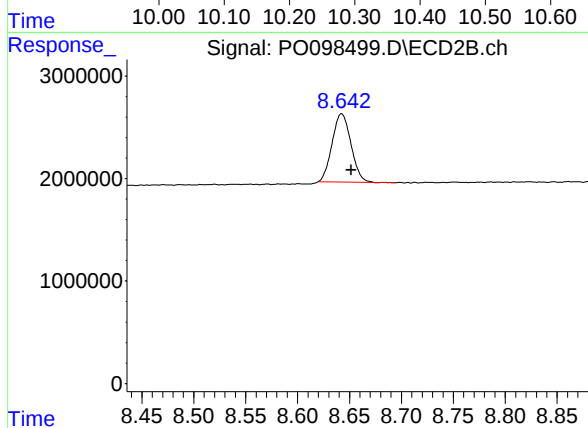
#1 Tetrachloro-m-xylene

R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 15745651
Conc: 20.22 ng/ml



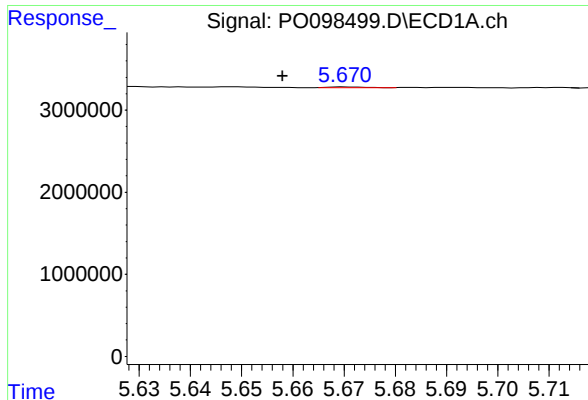
#2 Decachlorobiphenyl

R.T.: 10.296 min
Delta R.T.: 0.002 min
Response: 18634702
Conc: 15.35 ng/ml



#2 Decachlorobiphenyl

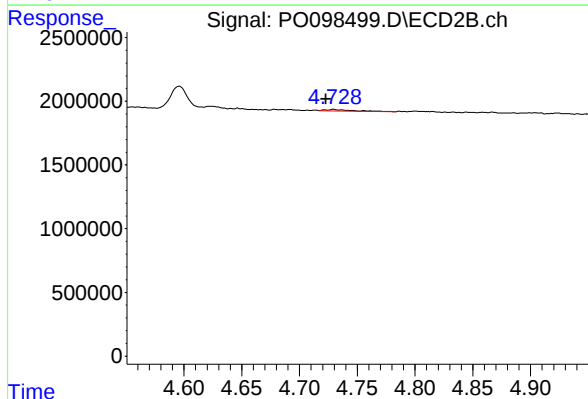
R.T.: 8.642 min
Delta R.T.: -0.009 min
Response: 8383744
Conc: 15.65 ng/ml



#3 AR-1016-1

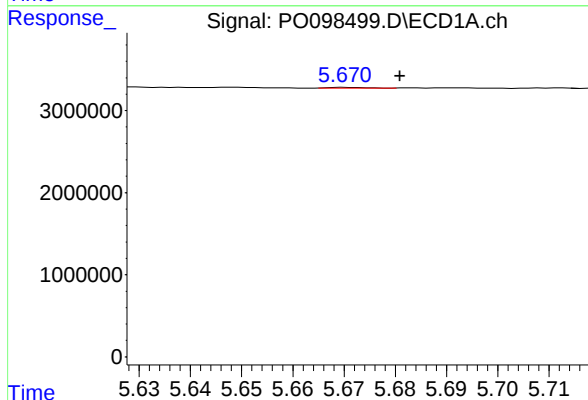
R.T.: 5.671 min
Delta R.T.: 0.013 min
Response: 50119
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



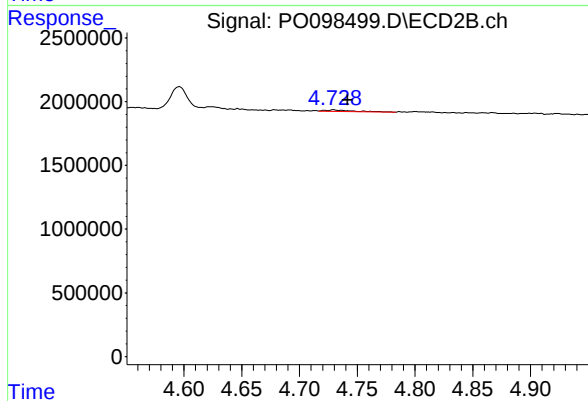
#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.006 min
Response: 210994
Conc: 8.84 ng/ml



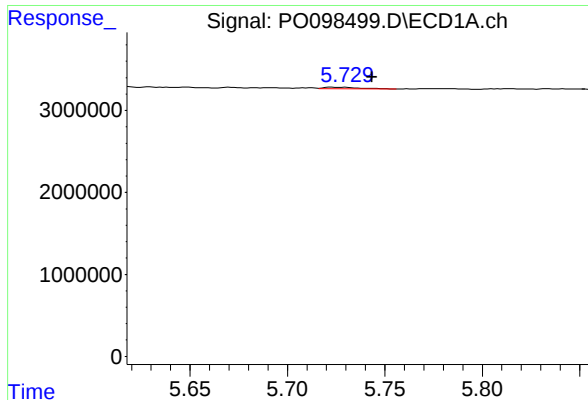
#4 AR-1016-2

R.T.: 5.671 min
Delta R.T.: -0.010 min
Response: 50119
Conc: 0.62 ng/ml



#4 AR-1016-2

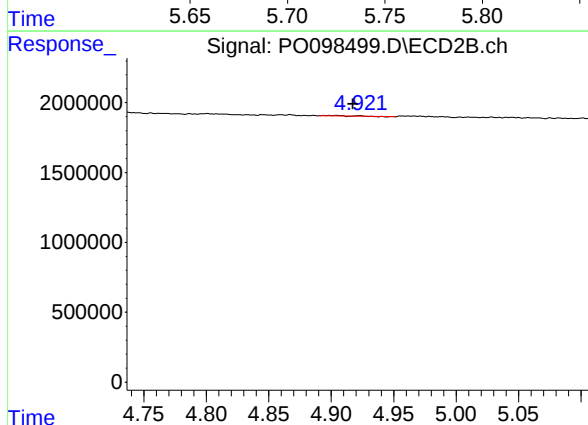
R.T.: 4.729 min
Delta R.T.: -0.012 min
Response: 210994
Conc: 6.20 ng/ml



#5 AR-1016-3

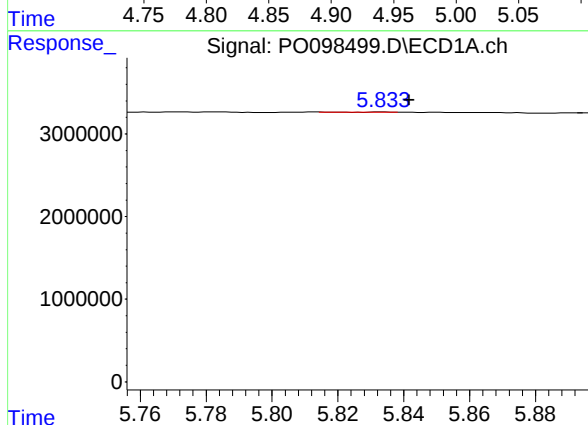
R.T.: 5.729 min
Delta R.T.: -0.014 min
Response: 221462
Conc: 4.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



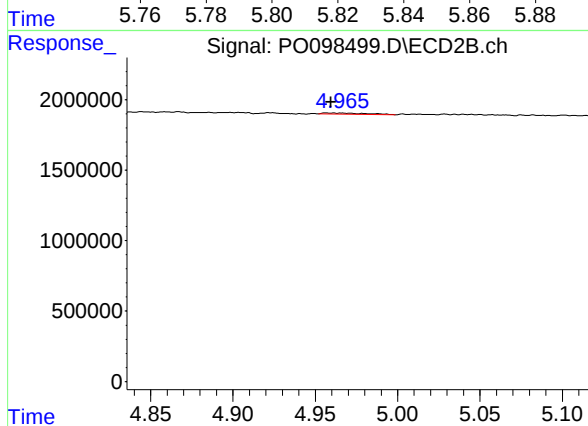
#5 AR-1016-3

R.T.: 4.923 min
Delta R.T.: 0.005 min
Response: 22010
Conc: 1.22 ng/ml



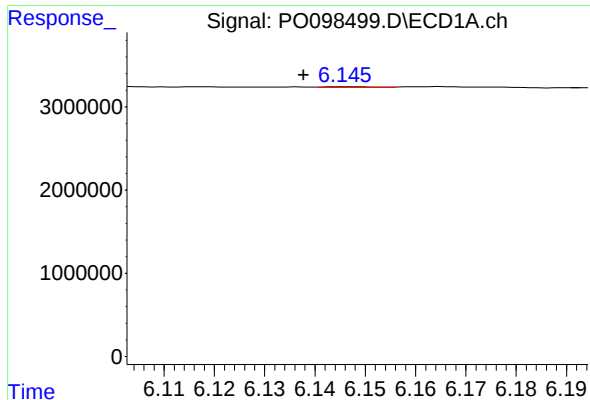
#6 AR-1016-4

R.T.: 5.834 min
Delta R.T.: -0.008 min
Response: 3075
Conc: 0.08 ng/ml



#6 AR-1016-4

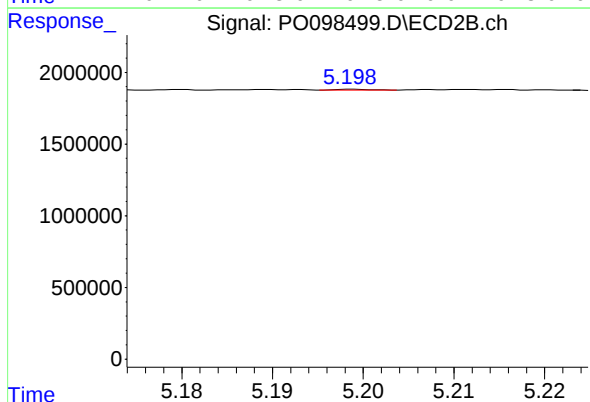
R.T.: 4.961 min
Delta R.T.: 0.002 min
Response: 136844
Conc: 9.13 ng/ml



#7 AR-1016-5

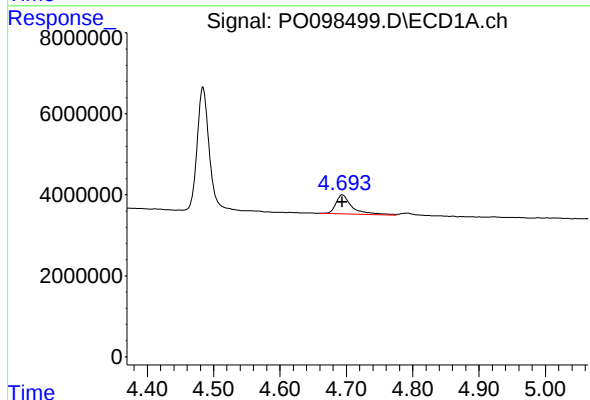
R.T.: 6.146 min
Delta R.T.: 0.008 min
Response: 48501
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



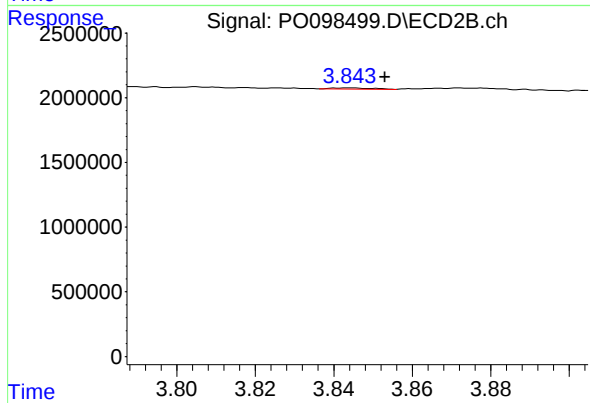
#7 AR-1016-5

R.T.: 5.199 min
Delta R.T.: 0.025 min
Response: 13162
Conc: 0.68 ng/ml



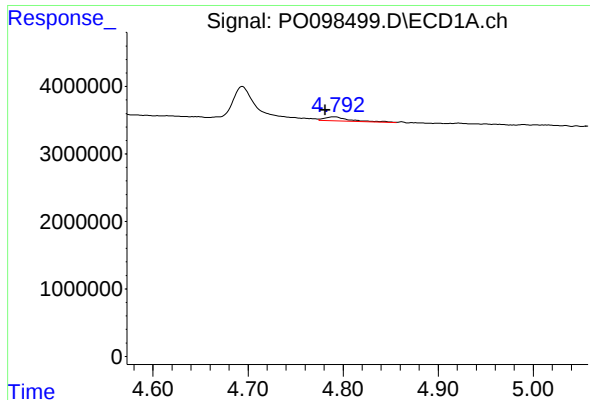
#8 AR-1221-1

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 8143933
Conc: 361.71 ng/ml



#8 AR-1221-1

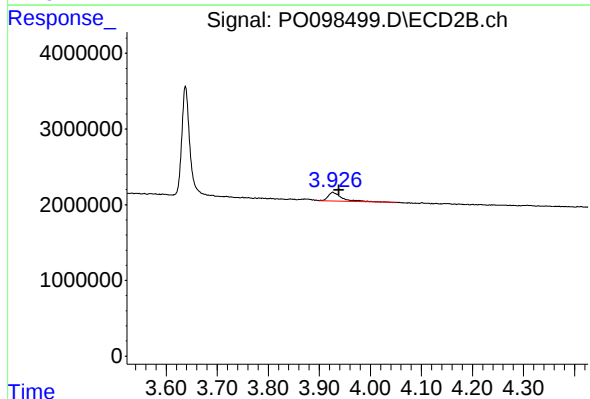
R.T.: 3.844 min
Delta R.T.: -0.009 min
Response: 62565
Conc: 6.81 ng/ml



#9 AR-1221-2

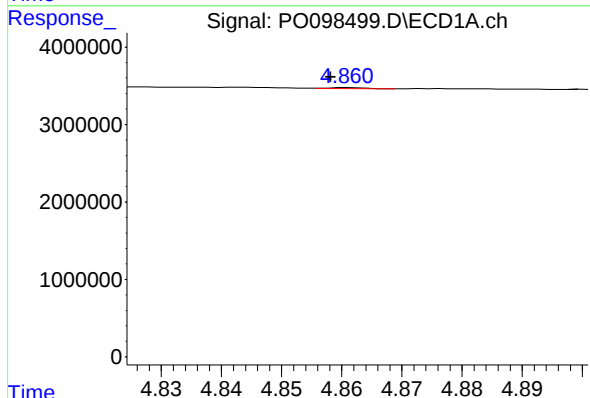
R.T.: 4.792 min
Delta R.T.: 0.010 min
Response: 1051814
Conc: 62.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



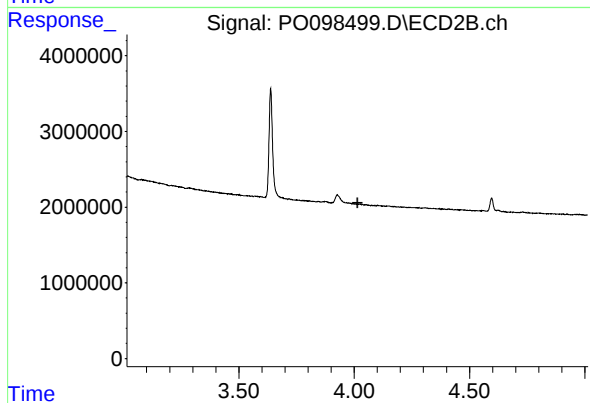
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: -0.012 min
Response: 2152148
Conc: 323.66 ng/ml



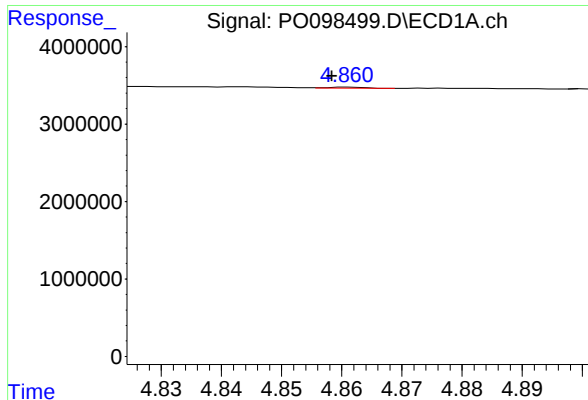
#10 AR-1221-3

R.T.: 4.861 min
Delta R.T.: 0.003 min
Response: 49096
Conc: 1.00 ng/ml



#10 AR-1221-3

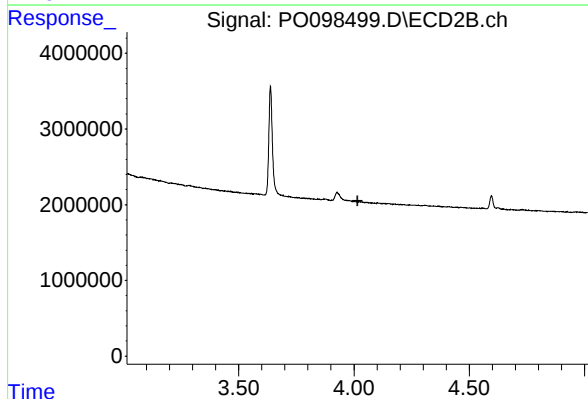
R.T.: 0.000 min
Exp R.T.: 4.015 min
Response: 0
Conc: N.D.



#11 AR-1232-1

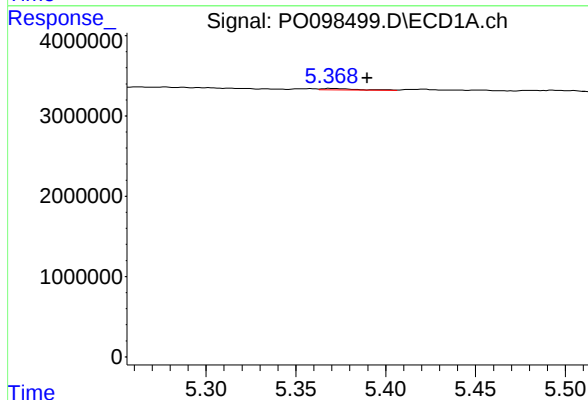
R.T.: 4.861 min
Delta R.T.: 0.003 min
Response: 49096
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



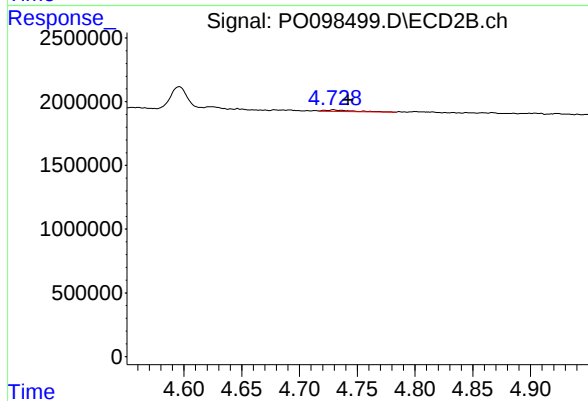
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.015 min
Response: 0
Conc: N.D.



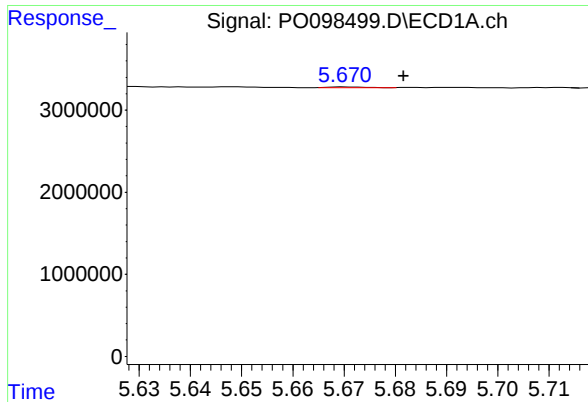
#12 AR-1232-2

R.T.: 5.369 min
Delta R.T.: -0.020 min
Response: 244192
Conc: 11.29 ng/ml



#12 AR-1232-2

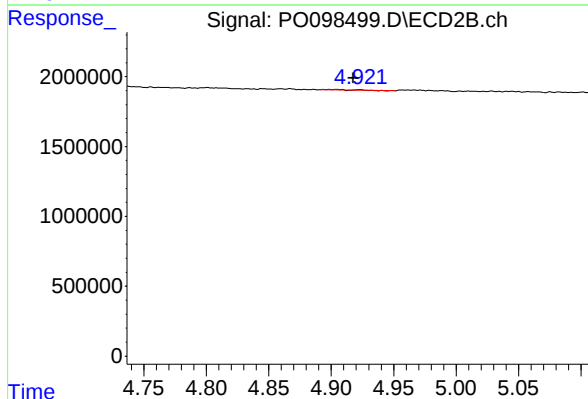
R.T.: 4.729 min
Delta R.T.: -0.013 min
Response: 210994
Conc: 14.04 ng/ml



#13 AR-1232-3

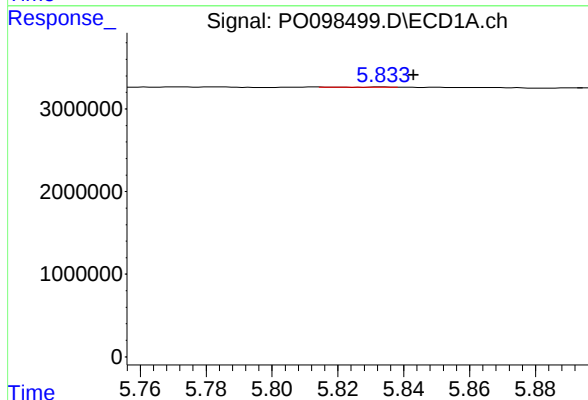
R.T.: 5.671 min
Delta R.T.: -0.011 min
Response: 50119
Conc: 1.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



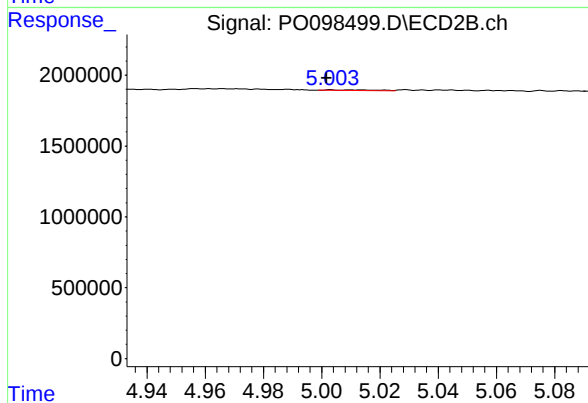
#13 AR-1232-3

R.T.: 4.923 min
Delta R.T.: 0.005 min
Response: 22010
Conc: 2.81 ng/ml



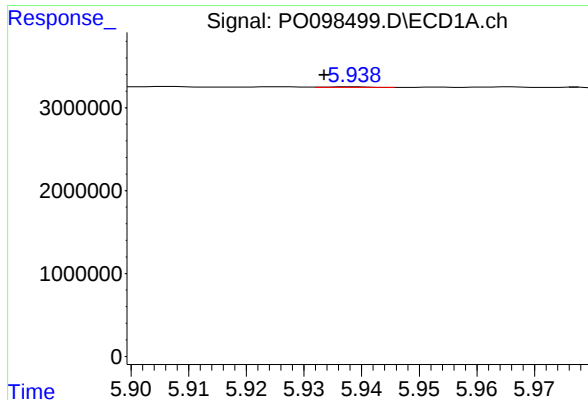
#14 AR-1232-4

R.T.: 5.834 min
Delta R.T.: -0.009 min
Response: 3075
Conc: 0.18 ng/ml



#14 AR-1232-4

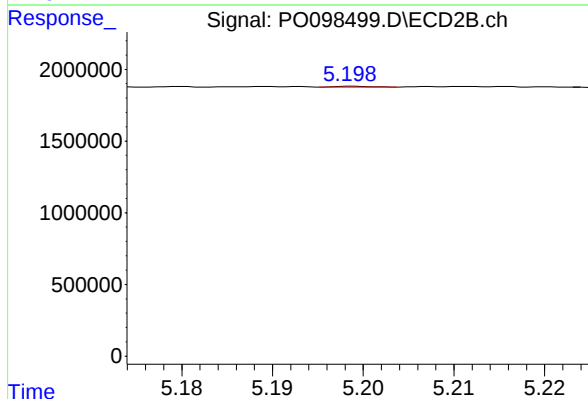
R.T.: 5.003 min
Delta R.T.: 0.002 min
Response: 50139
Conc: 6.67 ng/ml



#15 AR-1232-5

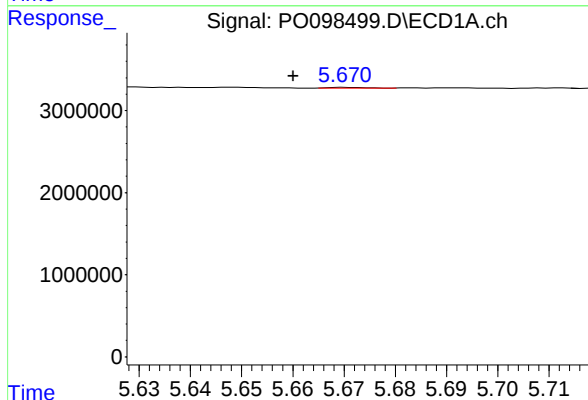
R.T.: 5.939 min
Delta R.T.: 0.005 min
Response: 35524
Conc: 2.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



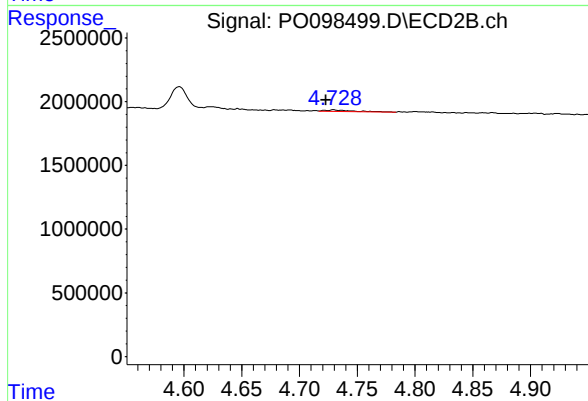
#15 AR-1232-5

R.T.: 5.199 min
Delta R.T.: 0.025 min
Response: 13162
Conc: 1.63 ng/ml



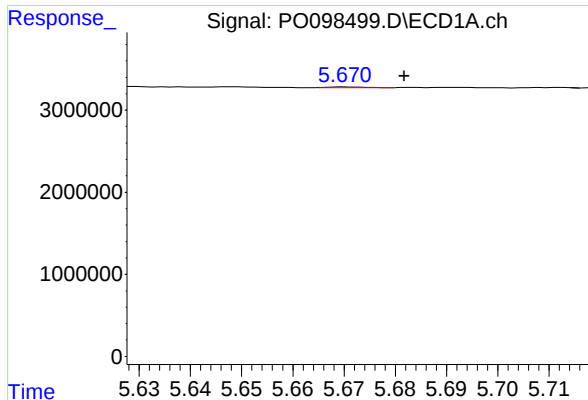
#16 AR-1242-1

R.T.: 5.671 min
Delta R.T.: 0.011 min
Response: 50119
Conc: 1.10 ng/ml



#16 AR-1242-1

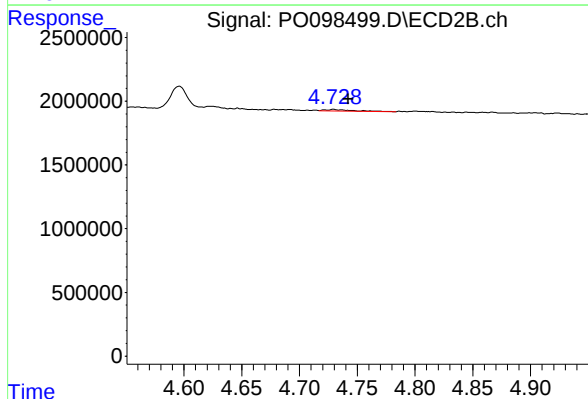
R.T.: 4.729 min
Delta R.T.: 0.006 min
Response: 210994
Conc: 10.08 ng/ml



#17 AR-1242-2

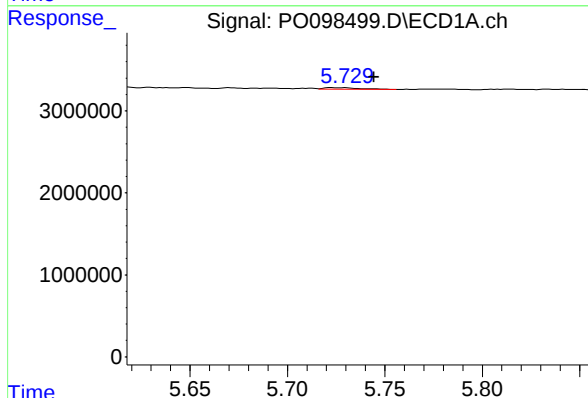
R.T.: 5.671 min
Delta R.T.: -0.011 min
Response: 50119
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



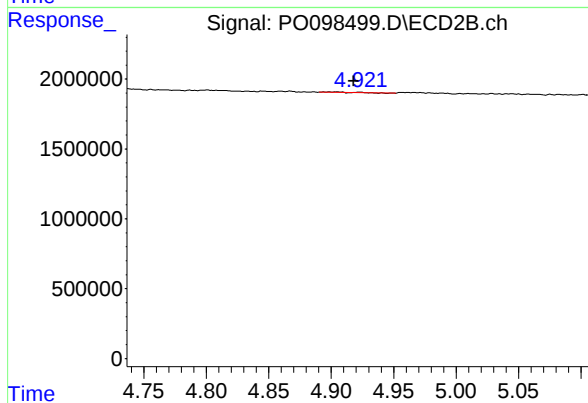
#17 AR-1242-2

R.T.: 4.729 min
Delta R.T.: -0.013 min
Response: 210994
Conc: 7.26 ng/ml



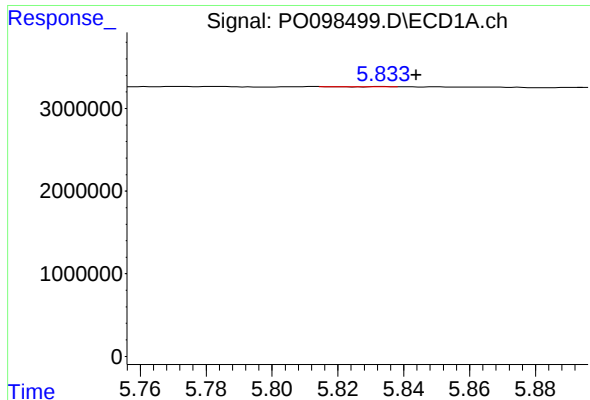
#18 AR-1242-3

R.T.: 5.729 min
Delta R.T.: -0.015 min
Response: 221462
Conc: 5.23 ng/ml



#18 AR-1242-3

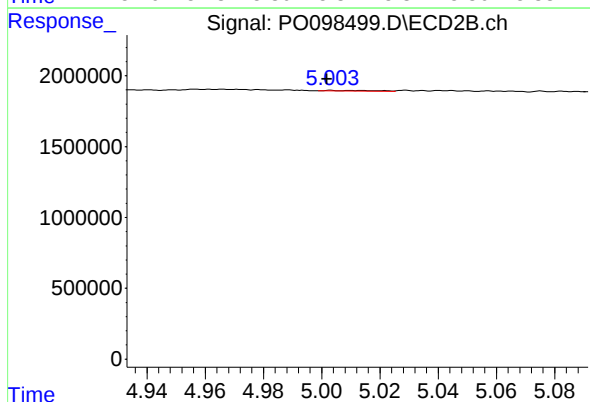
R.T.: 4.923 min
Delta R.T.: 0.005 min
Response: 22010
Conc: 1.41 ng/ml



#19 AR-1242-4

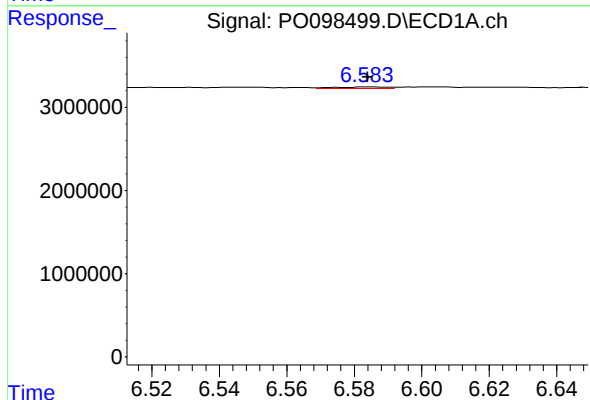
R.T.: 5.834 min
Delta R.T.: -0.010 min
Response: 3075
Conc: 0.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



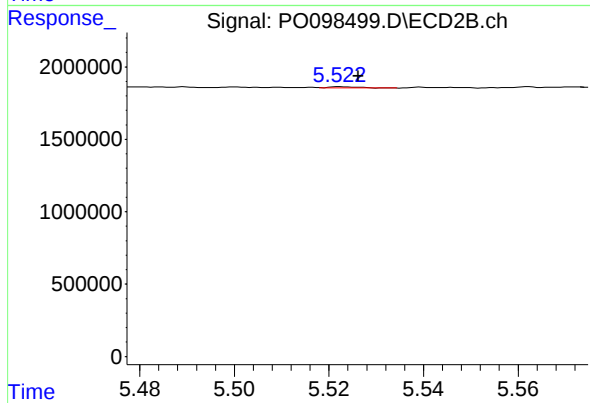
#19 AR-1242-4

R.T.: 5.003 min
Delta R.T.: 0.002 min
Response: 50139
Conc: 3.03 ng/ml



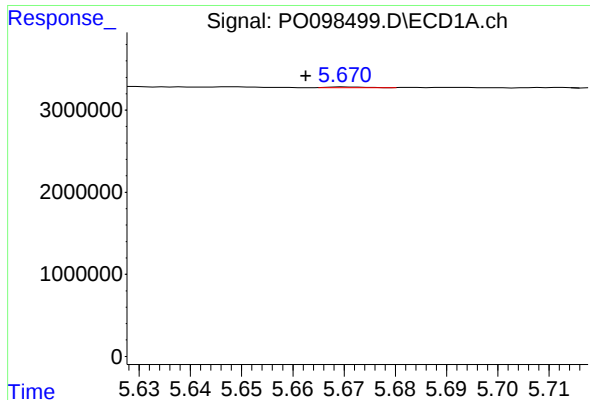
#20 AR-1242-5

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 203858
Conc: 5.76 ng/ml



#20 AR-1242-5

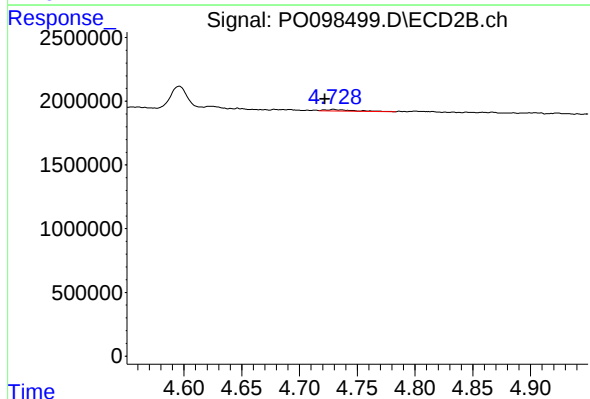
R.T.: 5.523 min
Delta R.T.: -0.004 min
Response: 36918
Conc: 1.99 ng/ml



#21 AR-1248-1

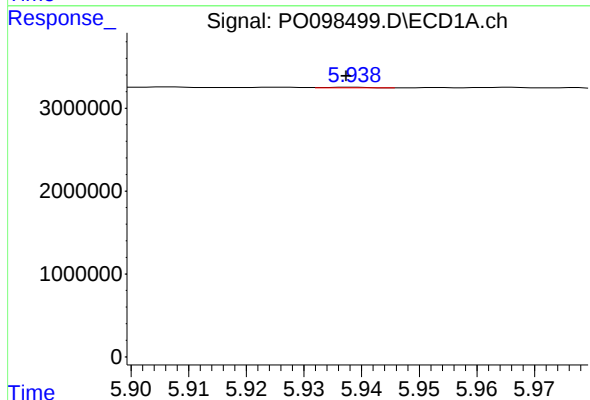
R.T.: 5.671 min
Delta R.T.: 0.008 min
Response: 50119
Conc: 1.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



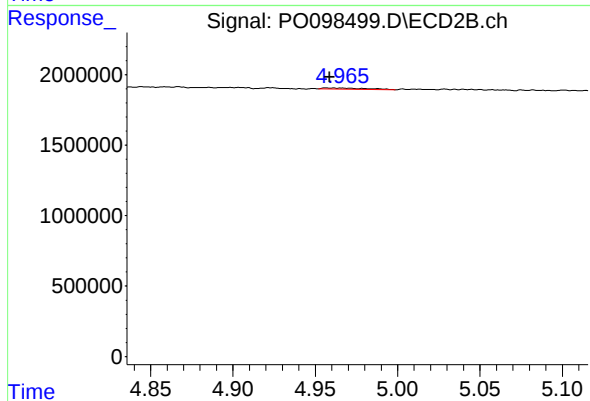
#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.007 min
Response: 210994
Conc: 13.46 ng/ml



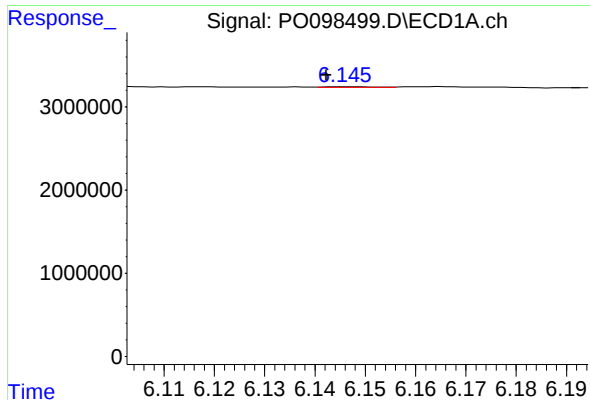
#22 AR-1248-2

R.T.: 5.939 min
Delta R.T.: 0.002 min
Response: 35524
Conc: 0.69 ng/ml



#22 AR-1248-2

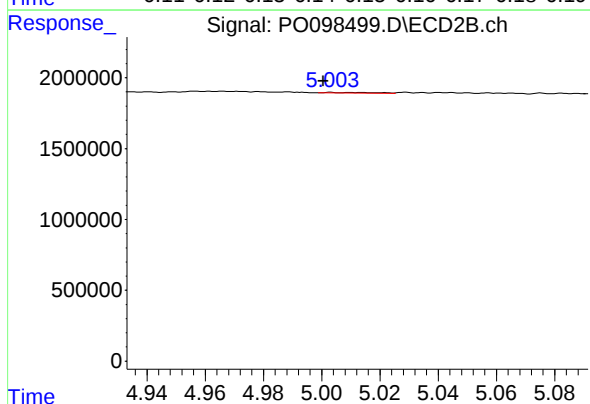
R.T.: 4.961 min
Delta R.T.: 0.002 min
Response: 136844
Conc: 6.22 ng/ml



#23 AR-1248-3

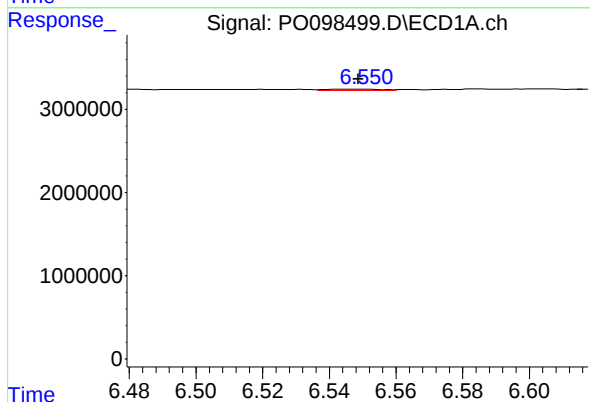
R.T.: 6.146 min
Delta R.T.: 0.004 min
Response: 48501
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



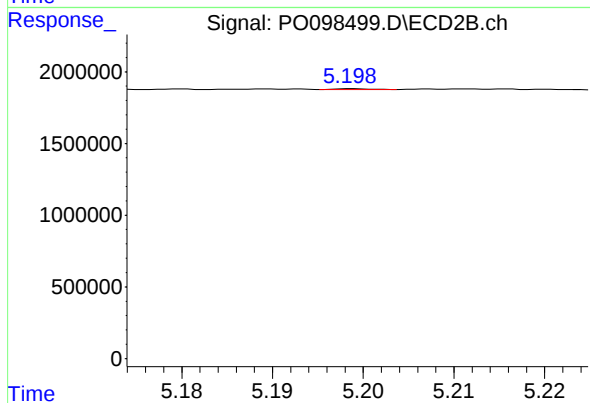
#23 AR-1248-3

R.T.: 5.003 min
Delta R.T.: 0.003 min
Response: 50139
Conc: 2.14 ng/ml



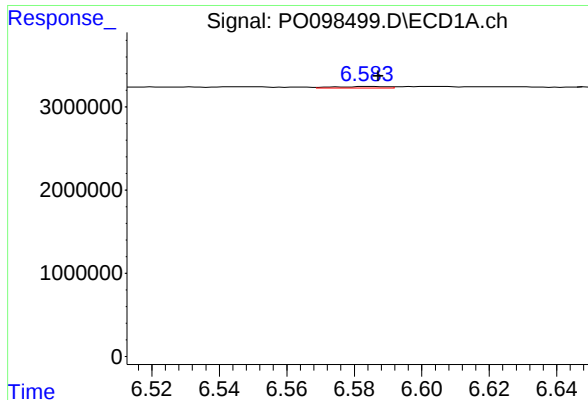
#24 AR-1248-4

R.T.: 6.551 min
Delta R.T.: 0.002 min
Response: 195228
Conc: 3.44 ng/ml



#24 AR-1248-4

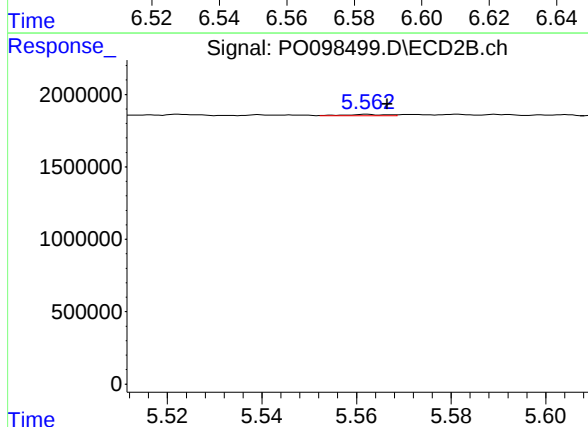
R.T.: 5.199 min
Delta R.T.: 0.026 min
Response: 13162
Conc: 0.49 ng/ml



#25 AR-1248-5

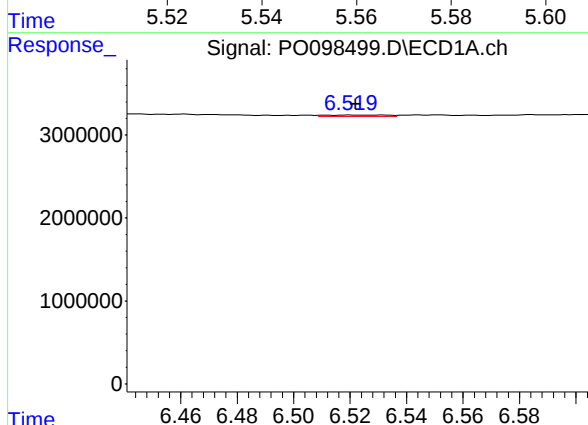
R.T.: 6.584 min
Delta R.T.: -0.003 min
Response: 203858
Conc: 3.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



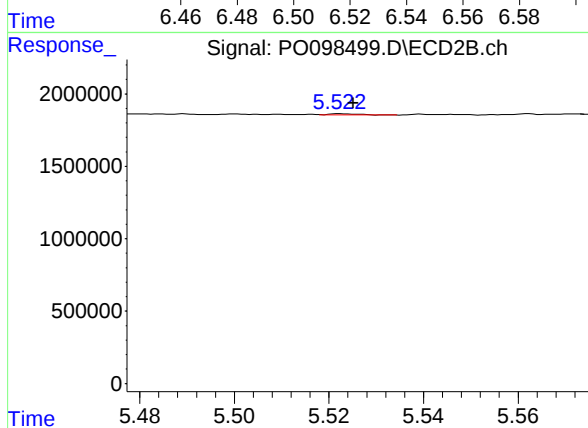
#25 AR-1248-5

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 54920
Conc: 2.33 ng/ml



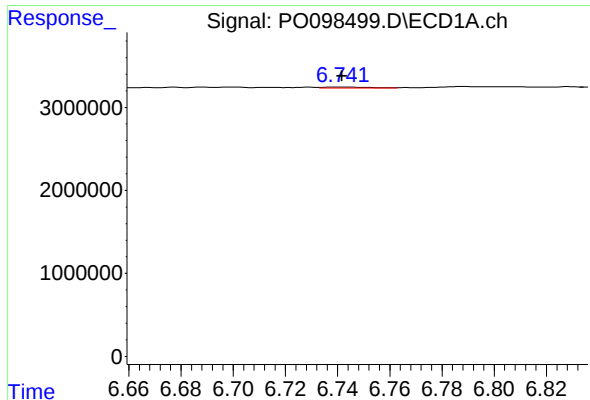
#26 AR-1254-1

R.T.: 6.520 min
Delta R.T.: -0.002 min
Response: 235423
Conc: 3.73 ng/ml



#26 AR-1254-1

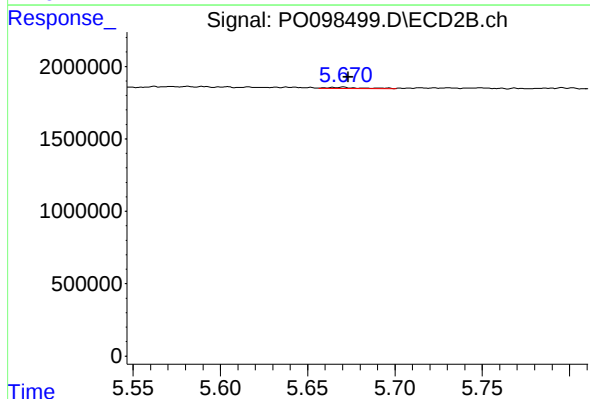
R.T.: 5.523 min
Delta R.T.: -0.003 min
Response: 36918
Conc: 0.96 ng/ml



#27 AR-1254-2

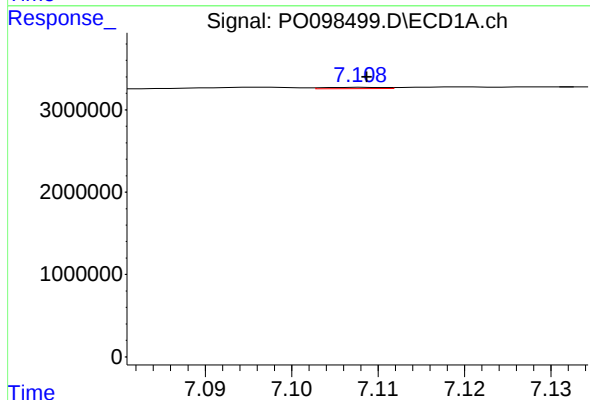
R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 175626
Conc: 1.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



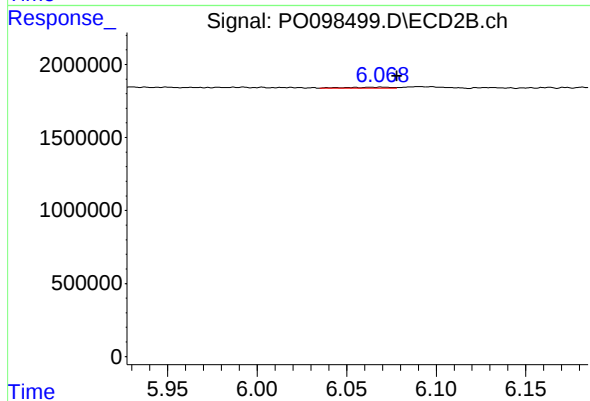
#27 AR-1254-2

R.T.: 5.670 min
Delta R.T.: -0.003 min
Response: 94829
Conc: 2.75 ng/ml



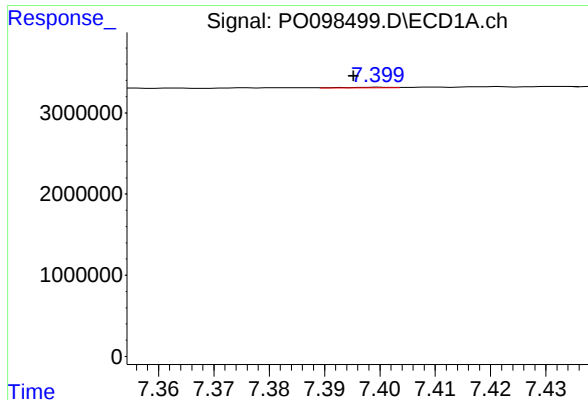
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 77661
Conc: 0.83 ng/ml



#28 AR-1254-3

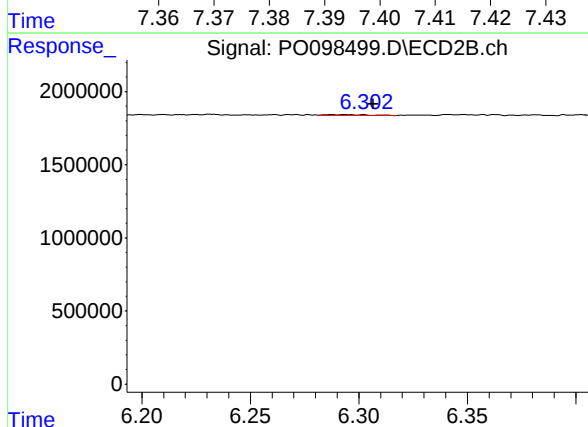
R.T.: 6.068 min
Delta R.T.: -0.010 min
Response: 137558
Conc: 2.65 ng/ml



#29 AR-1254-4

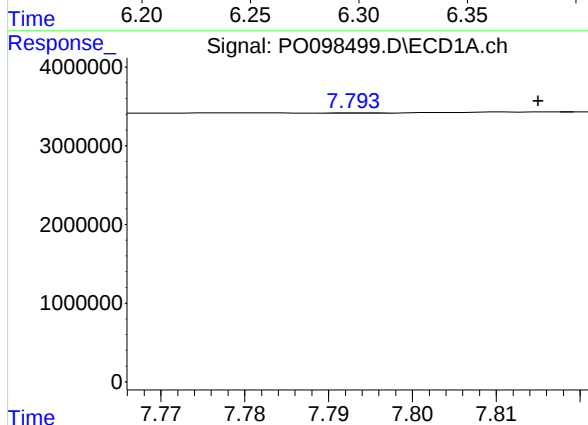
R.T.: 7.400 min
Delta R.T.: 0.005 min
Response: 43731
Conc: 0.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



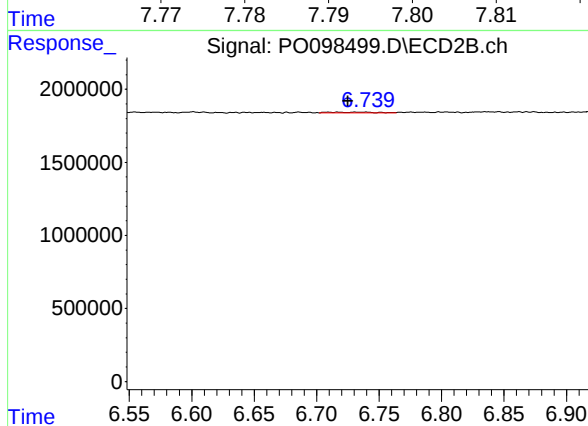
#29 AR-1254-4

R.T.: 6.292 min
Delta R.T.: -0.014 min
Response: 91174
Conc: 3.32 ng/ml



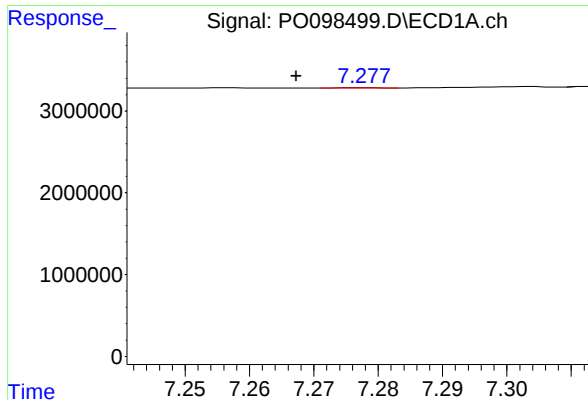
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: -0.021 min
Response: 38496
Conc: 0.55 ng/ml



#30 AR-1254-5

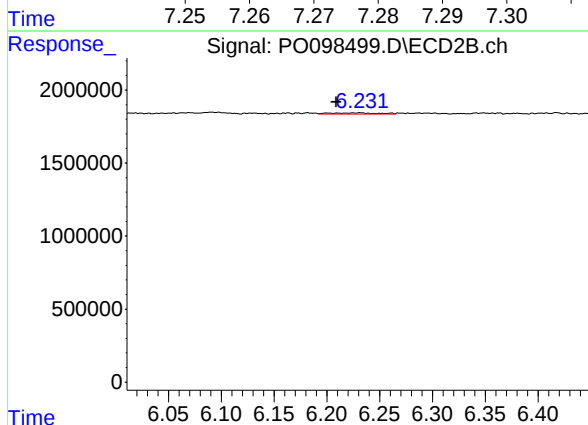
R.T.: 6.710 min
Delta R.T.: -0.015 min
Response: 129574
Conc: 2.99 ng/ml



#31 AR-1260-1

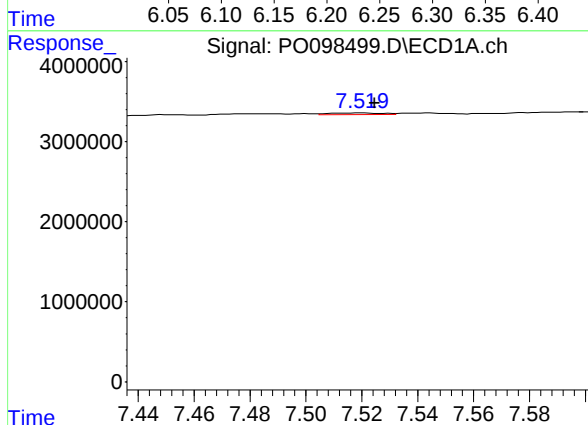
R.T.: 7.278 min
Delta R.T.: 0.011 min
Response: 13764
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



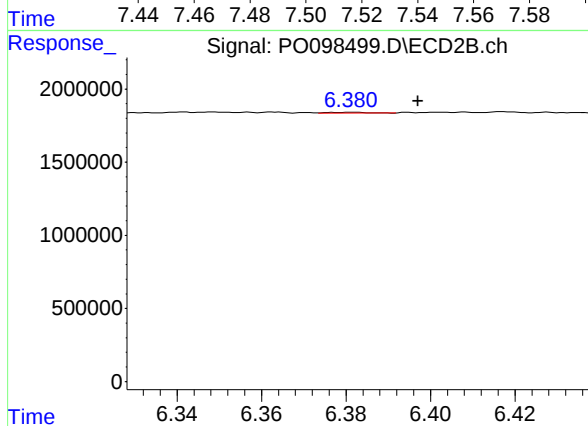
#31 AR-1260-1

R.T.: 6.231 min
Delta R.T.: 0.022 min
Response: 236496
Conc: 6.45 ng/ml



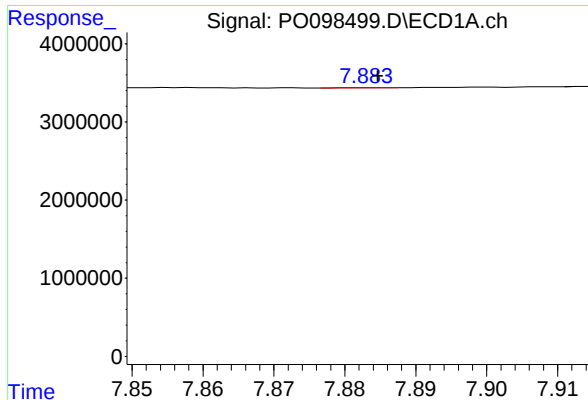
#32 AR-1260-2

R.T.: 7.520 min
Delta R.T.: -0.005 min
Response: 280437
Conc: 3.41 ng/ml



#32 AR-1260-2

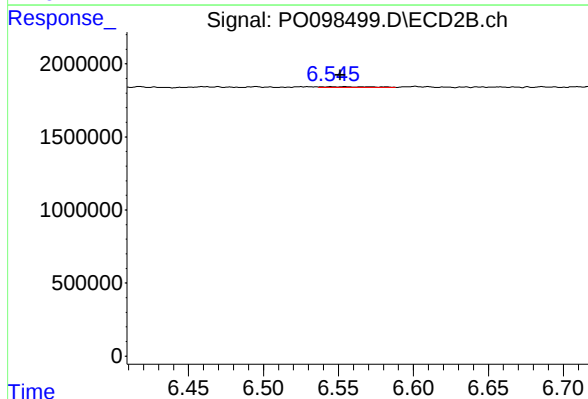
R.T.: 6.381 min
Delta R.T.: -0.017 min
Response: 27851
Conc: 0.66 ng/ml



#33 AR-1260-3

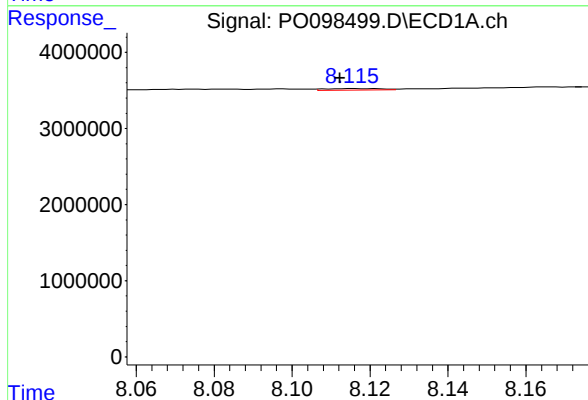
R.T.: 7.884 min
Delta R.T.: 0.000 min
Response: 12636
Conc: 0.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



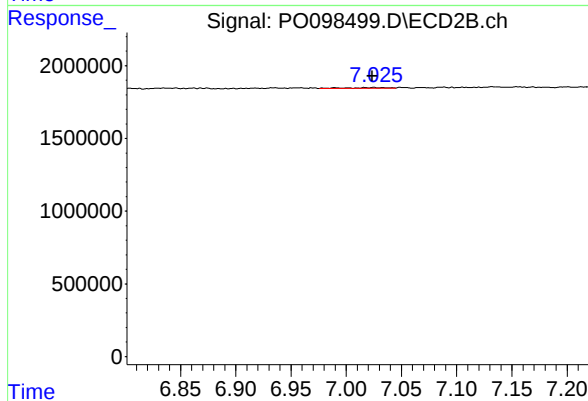
#33 AR-1260-3

R.T.: 6.545 min
Delta R.T.: -0.006 min
Response: 114531
Conc: 2.86 ng/ml



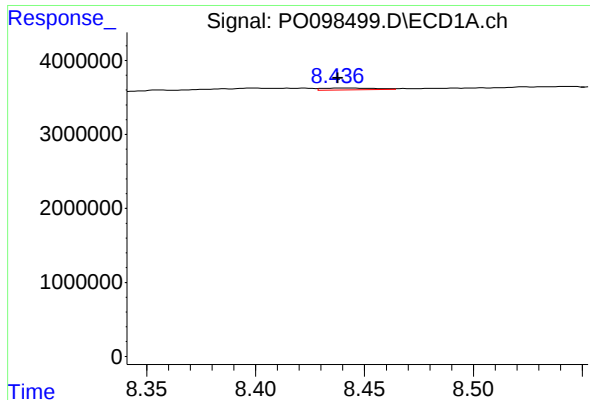
#34 AR-1260-4

R.T.: 8.116 min
Delta R.T.: 0.003 min
Response: 199978
Conc: 2.97 ng/ml



#34 AR-1260-4

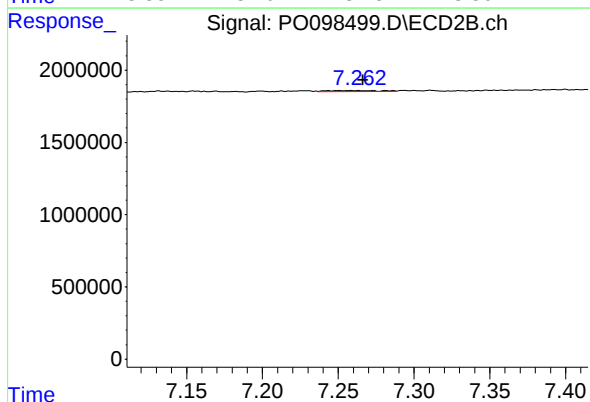
R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 133818
Conc: 4.16 ng/ml



#35 AR-1260-5

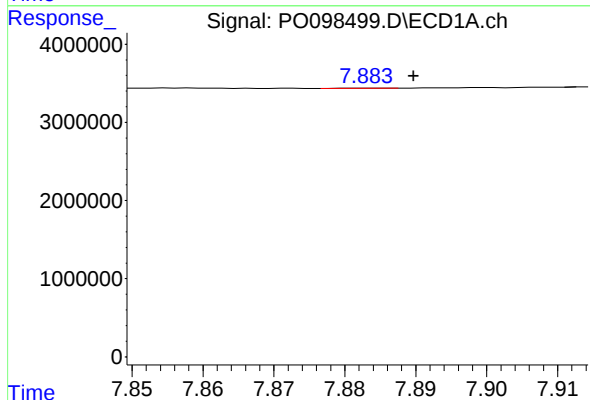
R.T.: 8.443 min
Delta R.T.: 0.005 min
Response: 418136
Conc: 3.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



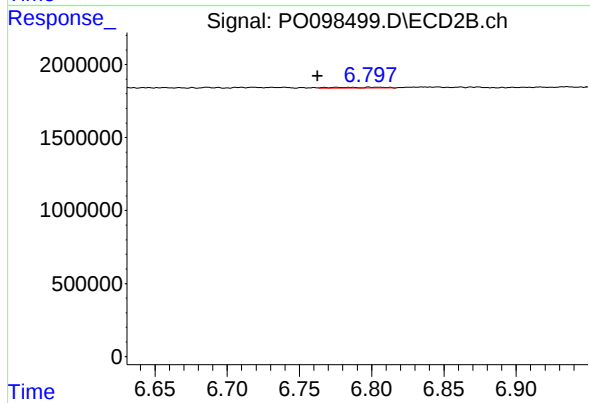
#35 AR-1260-5

R.T.: 7.259 min
Delta R.T.: -0.007 min
Response: 177436
Conc: 2.53 ng/ml



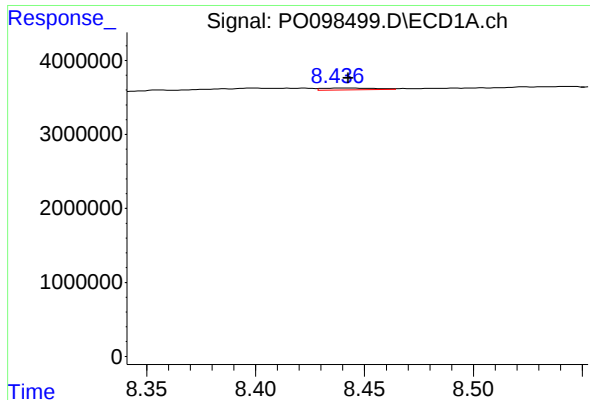
#36 AR-1262-1

R.T.: 7.884 min
Delta R.T.: -0.006 min
Response: 12636
Conc: 0.15 ng/ml



#36 AR-1262-1

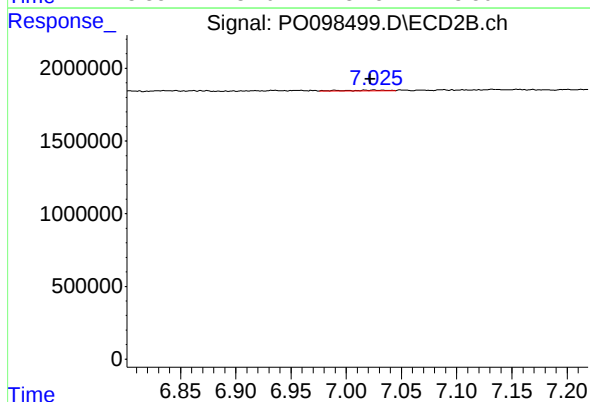
R.T.: 6.801 min
Delta R.T.: 0.039 min
Response: 122560
Conc: 2.71 ng/ml



#37 AR-1262-2

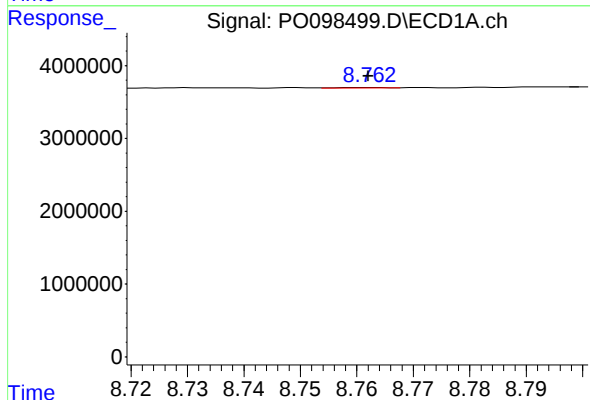
R.T.: 8.443 min
Delta R.T.: 0.000 min
Response: 418136
Conc: 2.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



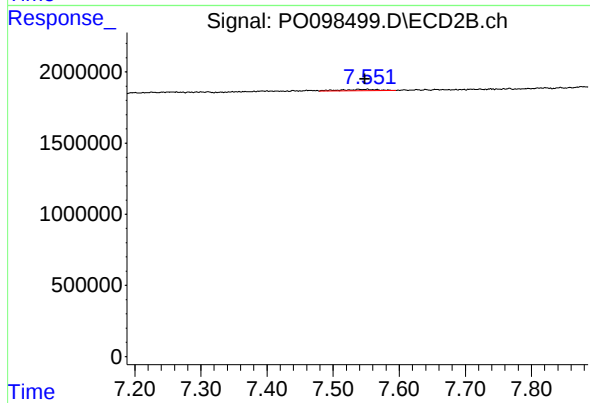
#37 AR-1262-2

R.T.: 7.025 min
Delta R.T.: 0.004 min
Response: 133818
Conc: 3.32 ng/ml



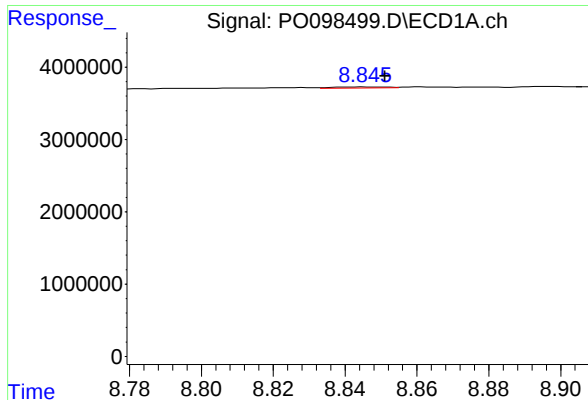
#38 AR-1262-3

R.T.: 8.762 min
Delta R.T.: 0.000 min
Response: 36627
Conc: 0.37 ng/ml



#38 AR-1262-3

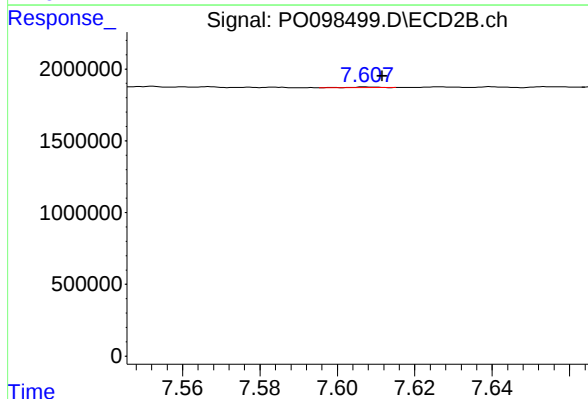
R.T.: 7.551 min
Delta R.T.: 0.003 min
Response: 372984
Conc: 12.01 ng/ml



#39 AR-1262-4

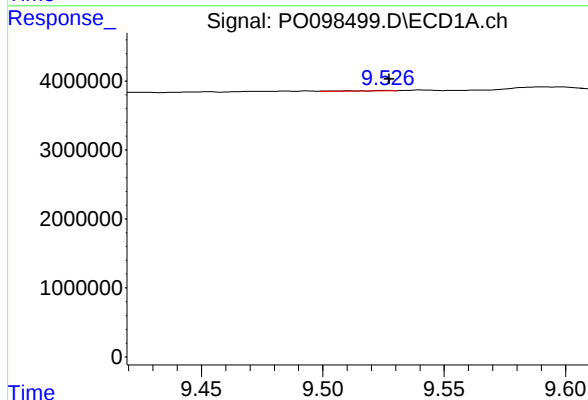
R.T.: 8.846 min
Delta R.T.: -0.005 min
Response: 156345
Conc: 2.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



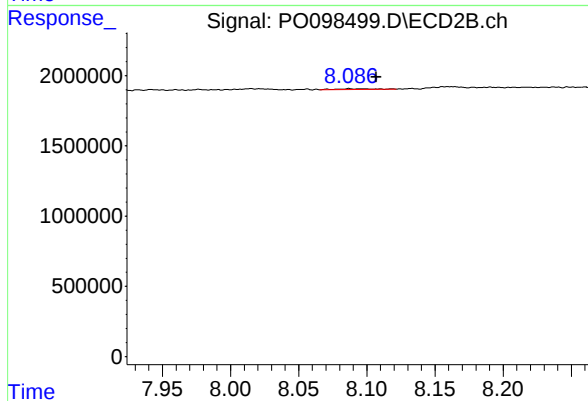
#39 AR-1262-4

R.T.: 7.608 min
Delta R.T.: -0.004 min
Response: 19124
Conc: 0.35 ng/ml



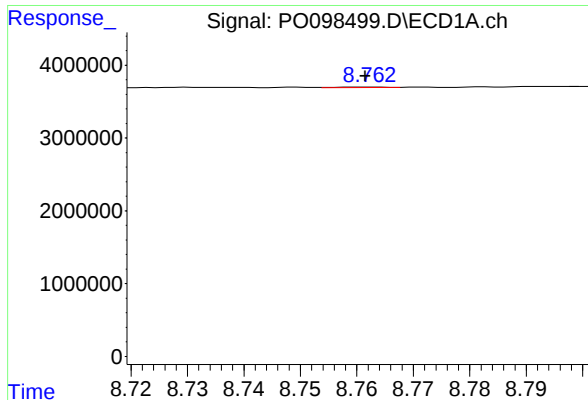
#40 AR-1262-5

R.T.: 9.526 min
Delta R.T.: -0.001 min
Response: 51630
Conc: 1.06 ng/ml



#40 AR-1262-5

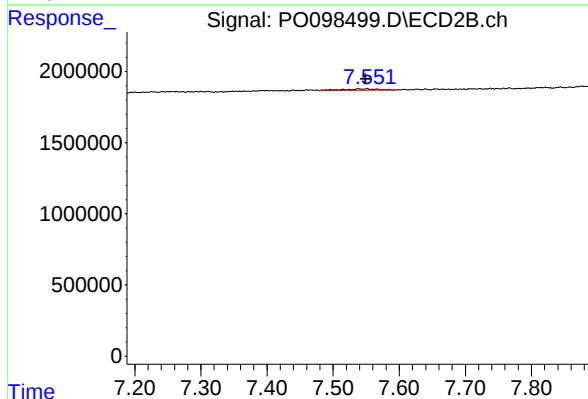
R.T.: 8.088 min
Delta R.T.: -0.019 min
Response: 78057
Conc: 3.16 ng/ml



#41 AR-1268-1

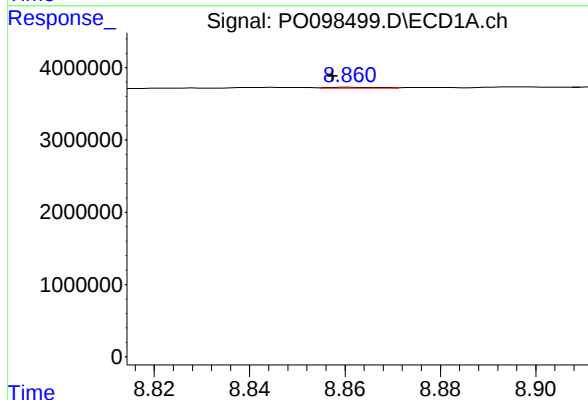
R.T.: 8.762 min
Delta R.T.: 0.000 min
Response: 36627
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



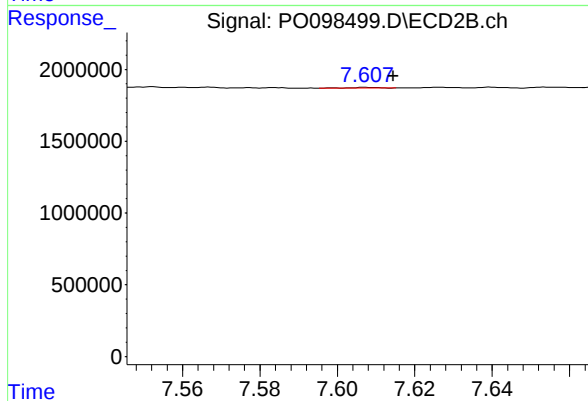
#41 AR-1268-1

R.T.: 7.551 min
Delta R.T.: 0.002 min
Response: 372984
Conc: 4.08 ng/ml



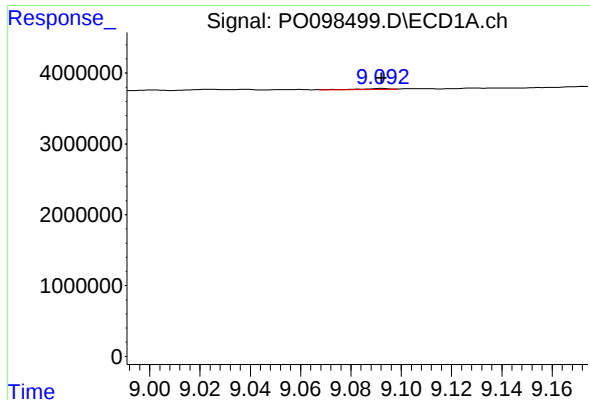
#42 AR-1268-2

R.T.: 8.861 min
Delta R.T.: 0.004 min
Response: 91316
Conc: 0.59 ng/ml



#42 AR-1268-2

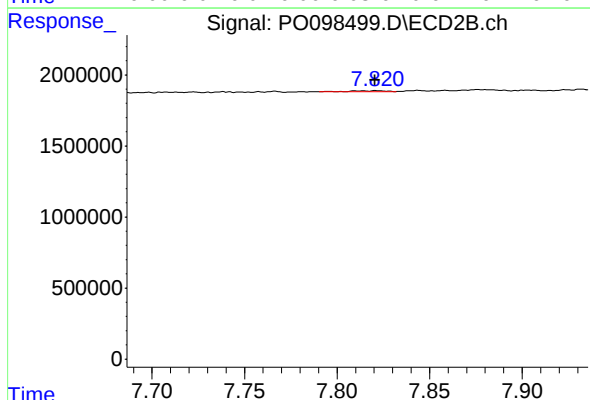
R.T.: 7.608 min
Delta R.T.: -0.007 min
Response: 19124
Conc: 0.25 ng/ml



#43 AR-1268-3

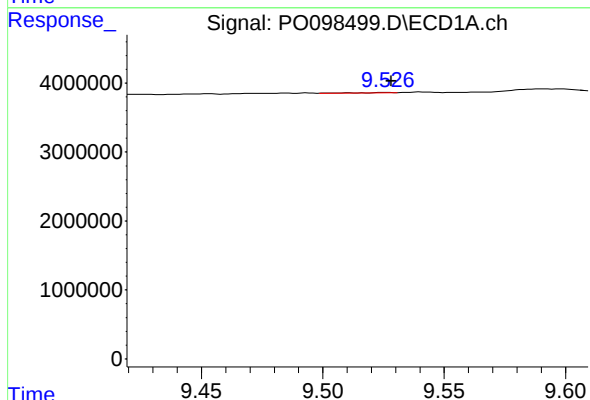
R.T.: 9.092 min
Delta R.T.: 0.000 min
Response: 124996
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



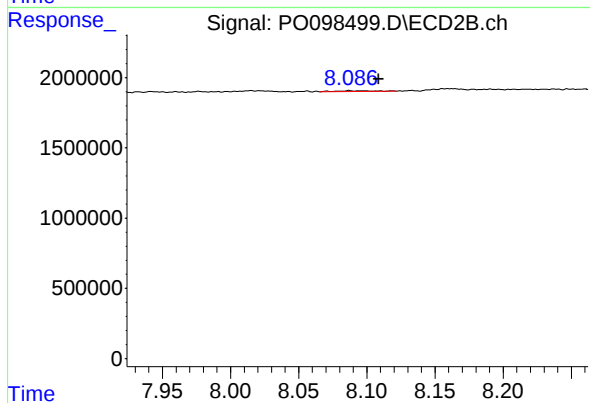
#43 AR-1268-3

R.T.: 7.821 min
Delta R.T.: 0.000 min
Response: 69168
Conc: 1.04 ng/ml



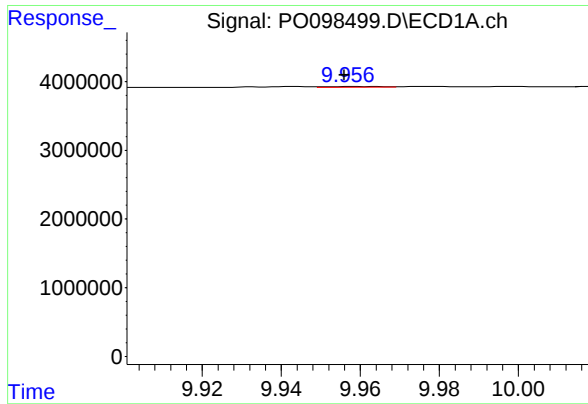
#44 AR-1268-4

R.T.: 9.526 min
Delta R.T.: -0.002 min
Response: 51630
Conc: 0.97 ng/ml



#44 AR-1268-4

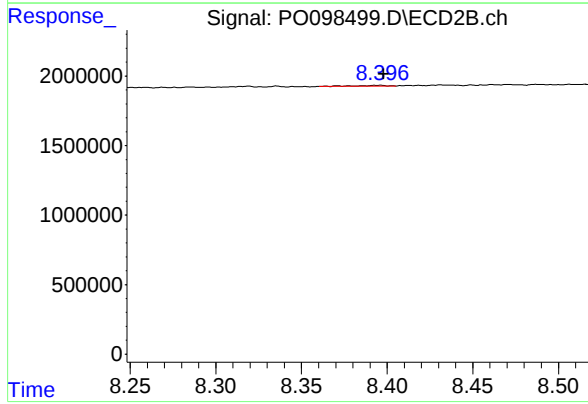
R.T.: 8.088 min
Delta R.T.: -0.021 min
Response: 78057
Conc: 2.88 ng/ml



#45 AR-1268-5

R.T.: 9.957 min
Delta R.T.: 0.001 min
Response: 98999
Conc: 0.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.395 min
Delta R.T.: -0.003 min
Response: 73492
Conc: 0.37 ng/ml