

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0100423\
 Data File : P0098546.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2023 21:24
 Operator : YP/AJ
 Sample : 04725-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 00:14:19 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...	4.481	3.634	35640368	15156879	18.561	19.460
2) SA Decachlor...	10.293	8.639	17596503	7847008	14.496	14.646
Target Compounds						
3) L1 AR-1016-1	5.635	4.744	163973	272809	3.034	11.430 #
4) L1 AR-1016-2	5.683	4.744	868127	272809	10.693	8.012 #
5) L1 AR-1016-3	5.744	4.909	17937	99219	0.359	5.516 #
6) L1 AR-1016-4	5.817	4.955	429052	297483	10.973	19.844 #
7) L1 AR-1016-5	6.097f	5.167	822120	49086	19.993	2.528 #
8) L2 AR-1221-1	4.690	3.833	1768552	112552	78.549	12.250 #
9) L2 AR-1221-2	4.788	3.916	629449	938432	37.305	141.128 #
10) L2 AR-1221-3	4.873	4.004	163465	74250	3.342	3.681
11) L3 AR-1232-1	4.873	4.004	163465	74250	4.002	4.418
12) L3 AR-1232-2	5.402	4.744	779576	272809	36.045	18.155 #
13) L3 AR-1232-3	5.683	4.909	868127	99219	24.421	12.677 #
14) L3 AR-1232-4	5.817	4.995	429052	62281	25.273	8.283 #
15) L3 AR-1232-5	5.932	5.167	835901	49086	58.710	6.068 #
16) L4 AR-1242-1	5.683	4.744	868127	272809	19.064	13.031 #
17) L4 AR-1242-2	5.683	4.744	868127	272809	12.675	9.382 #
18) L4 AR-1242-3	5.744	4.909	17937	99219	0.424	6.349 #
19) L4 AR-1242-4	5.817	4.995	429052	62281	13.076	3.760 #
20) L4 AR-1242-5	6.604	5.520	596497	2620512	16.840	141.203 #
21) L5 AR-1248-1	5.683	4.744	868127	272809	25.652	17.408 #
22) L5 AR-1248-2	5.932	4.955	835901	297483	16.141	13.518
23) L5 AR-1248-3	6.097f	4.995	822120	62281	14.547	2.653 #
24) L5 AR-1248-4	6.551	5.167	4386130	49086	77.372	1.840 #
25) L5 AR-1248-5	6.604	5.552	596497	992743	10.085	42.071 #
26) L6 AR-1254-1	6.507	5.520	6082337	2620512	96.295	68.342 #
27) L6 AR-1254-2	6.735	5.667	4466726	1846021	46.544	53.620
28) L6 AR-1254-3	7.103	6.071	5337075	4395541	56.722	84.592 #
29) L6 AR-1254-4	7.389	6.300	2407592	1290380	41.350	47.011
30) L6 AR-1254-5	7.828	6.717	16658787	8007761	238.511	184.860
31) L7 AR-1260-1	7.265	6.201	3159385	3152486	43.449	85.921 #
32) L7 AR-1260-2	7.516	6.390	16942701	1579139	205.763	37.634 #
33) L7 AR-1260-3	7.882	6.542	952180	1337051	15.392	33.412 #
34) L7 AR-1260-4	8.097	7.016	5147166	878900	76.353	27.292 #
35) L7 AR-1260-5	8.435	7.257	2710399	1414515	20.862	20.190
36) L8 AR-1262-1	7.882	6.752	952180	1036106	10.948	22.891 #
37) L8 AR-1262-2	8.435	7.016	2710399	878900	19.215	21.796
38) L8 AR-1262-3	8.767	7.542	1655233	636987	16.765	20.519
39) L8 AR-1262-4	8.847	7.604	1059993	1348914	13.813	24.900 #
40) L8 AR-1262-5	9.536	8.100	38268	211144	0.789	8.550 #
41) L9 AR-1268-1	8.767	7.542	1655233	636987	9.532	6.971 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0100423\
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 QLast Update : Thu Sep 28 01:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

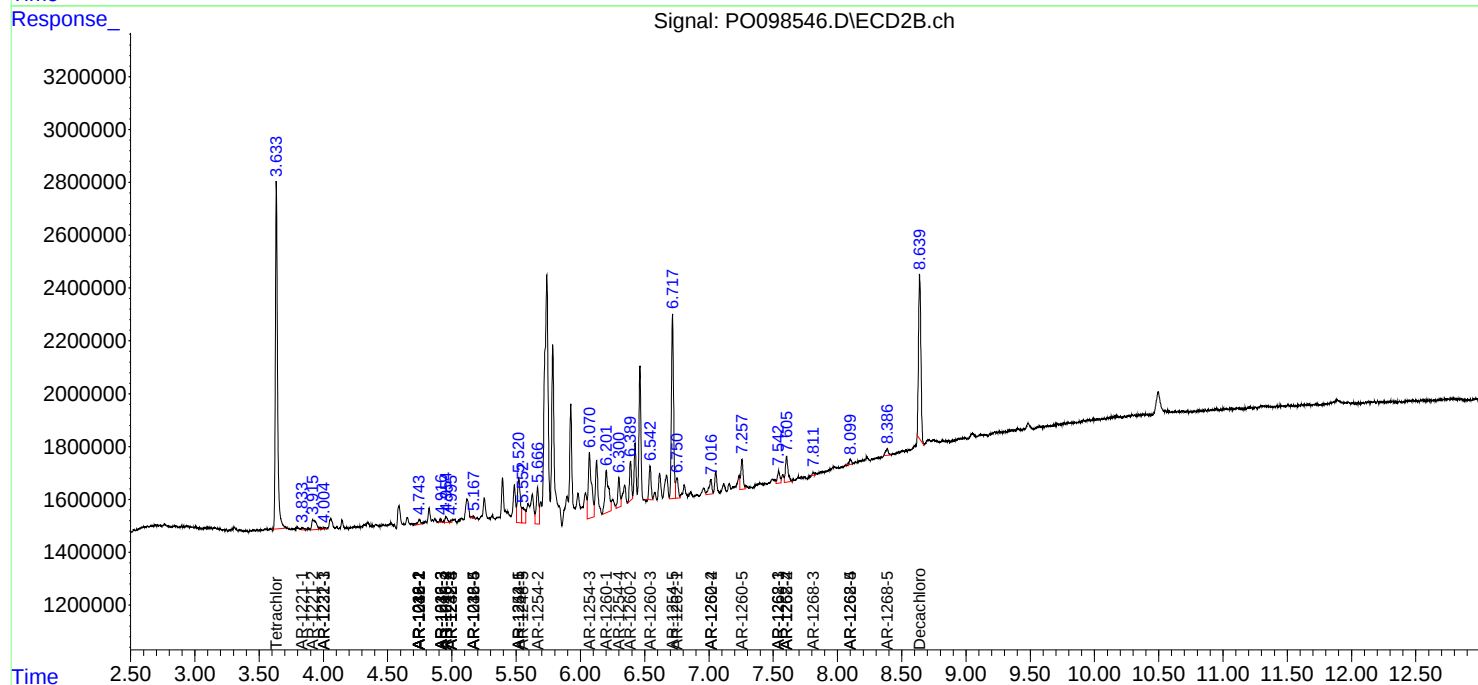
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

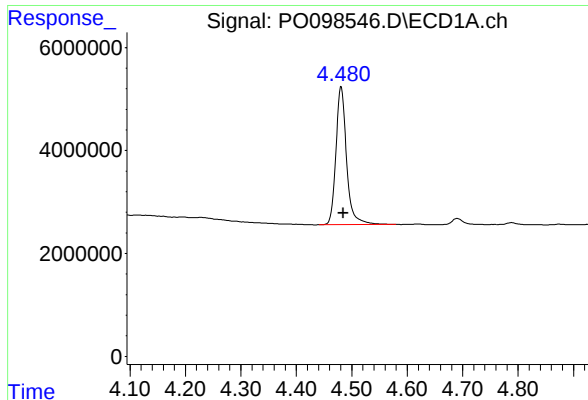
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.847	7.604	1059993	1348914	6.798	17.397 #
43) L9	AR-1268-3	9.082	7.812	185583	115164	1.357	1.738 #
44) L9	AR-1268-4	9.536	8.100	38268	211144	0.718	7.800 #
45) L9	AR-1268-5	9.945	8.387	487142	370305	1.109	1.871 #

(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

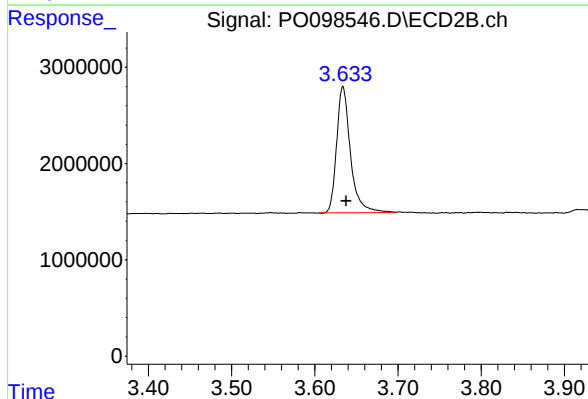




#1 Tetrachloro-m-xylene

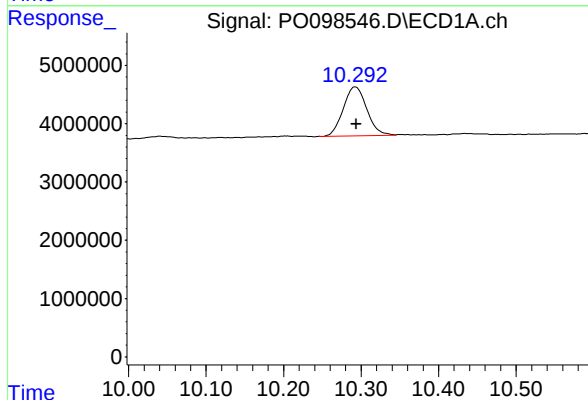
R.T.: 4.481 min
Delta R.T.: -0.004 min
Response: 35640368
Conc: 18.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



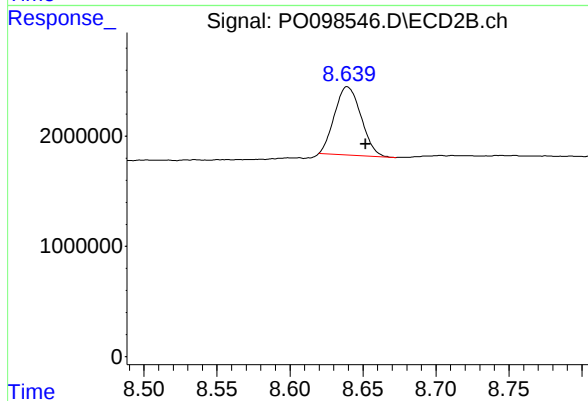
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: -0.004 min
Response: 15156879
Conc: 19.46 ng/ml



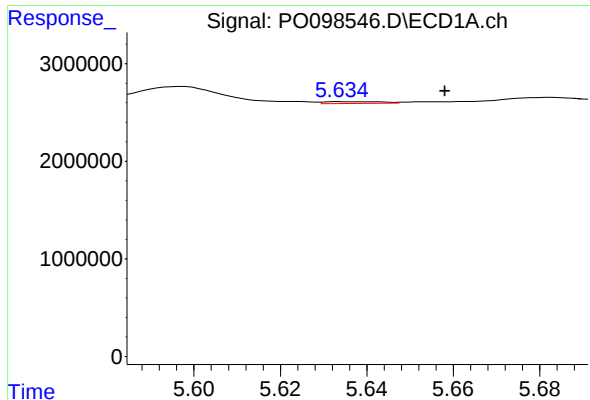
#2 Decachlorobiphenyl

R.T.: 10.293 min
Delta R.T.: -0.001 min
Response: 17596503
Conc: 14.50 ng/ml



#2 Decachlorobiphenyl

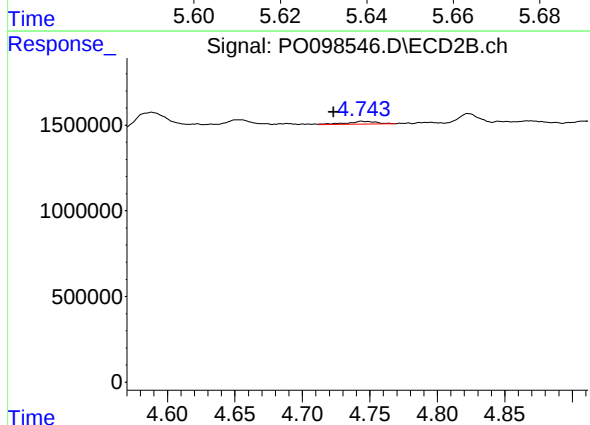
R.T.: 8.639 min
Delta R.T.: -0.013 min
Response: 7847008
Conc: 14.65 ng/ml



#3 AR-1016-1

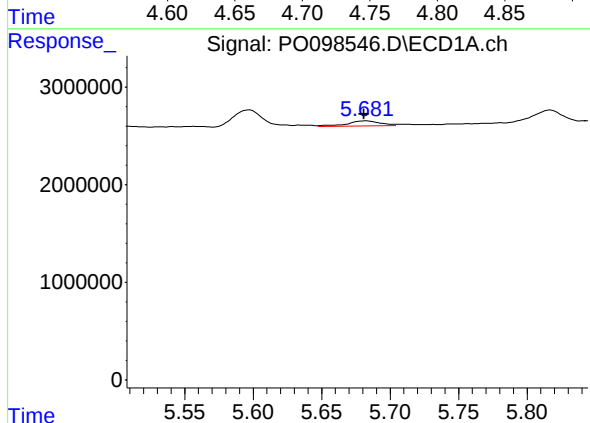
R.T.: 5.635 min
Delta R.T.: -0.023 min
Response: 163973
Conc: 3.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



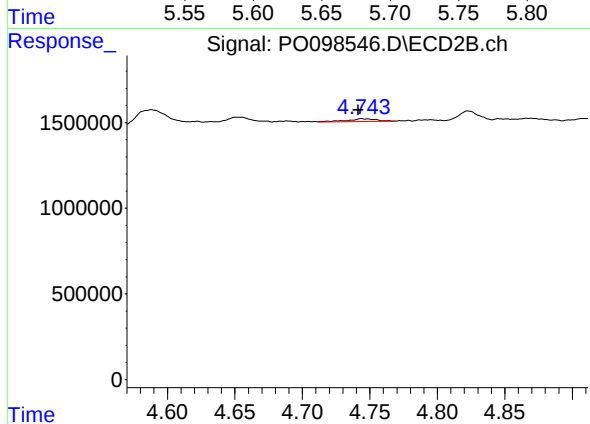
#3 AR-1016-1

R.T.: 4.744 min
Delta R.T.: 0.021 min
Response: 272809
Conc: 11.43 ng/ml



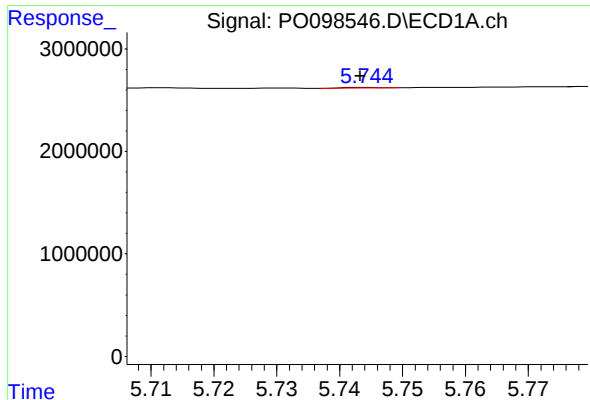
#4 AR-1016-2

R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 868127
Conc: 10.69 ng/ml



#4 AR-1016-2

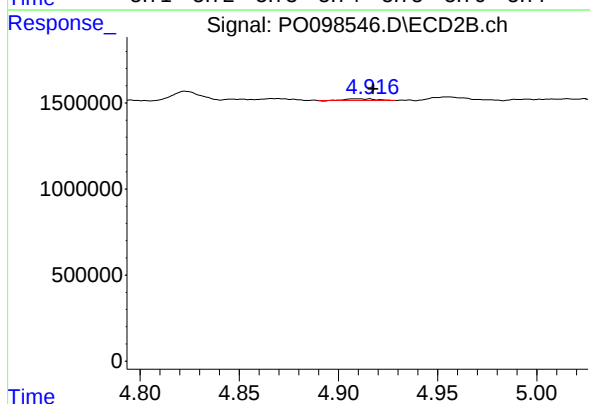
R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 272809
Conc: 8.01 ng/ml



#5 AR-1016-3

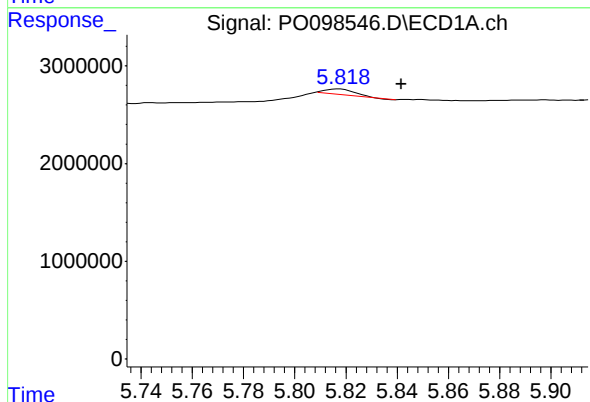
R.T.: 5.744 min
Delta R.T.: 0.001 min
Response: 17937
Conc: 0.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



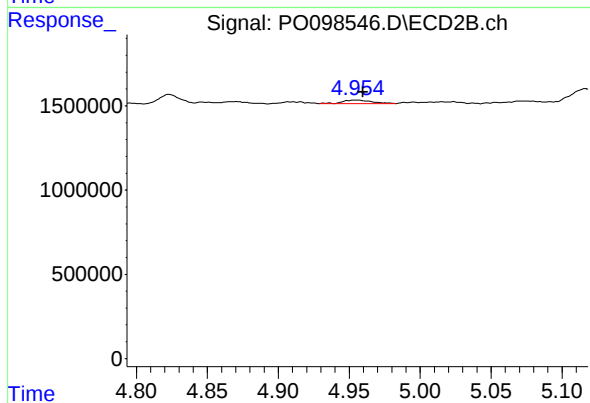
#5 AR-1016-3

R.T.: 4.909 min
Delta R.T.: -0.009 min
Response: 99219
Conc: 5.52 ng/ml



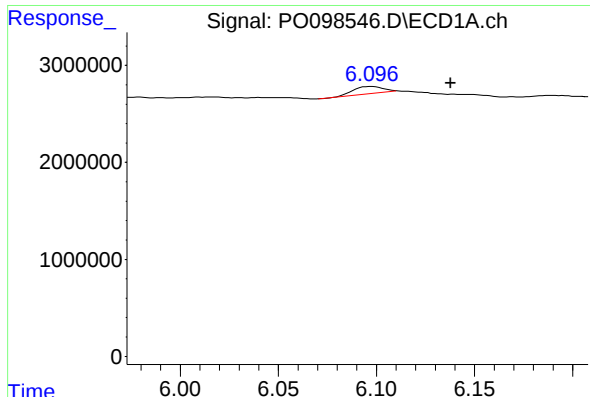
#6 AR-1016-4

R.T.: 5.817 min
Delta R.T.: -0.025 min
Response: 429052
Conc: 10.97 ng/ml



#6 AR-1016-4

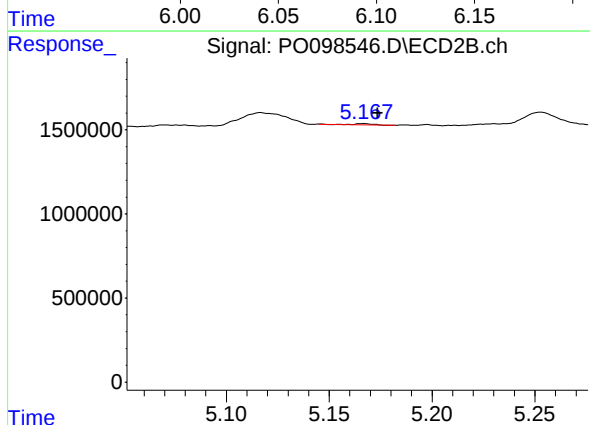
R.T.: 4.955 min
Delta R.T.: -0.005 min
Response: 297483
Conc: 19.84 ng/ml



#7 AR-1016-5

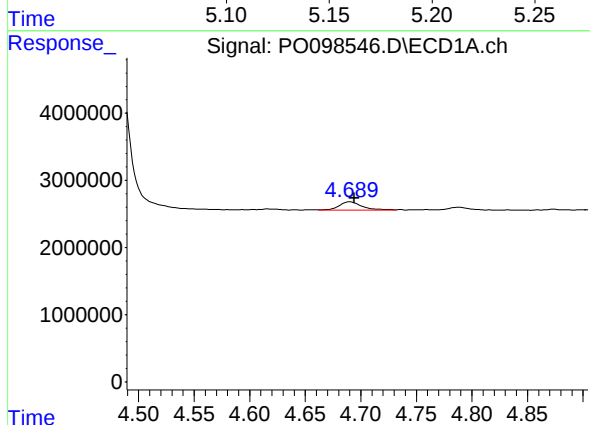
R.T.: 6.097 min
Delta R.T.: -0.040 min
Response: 822120
Conc: 19.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



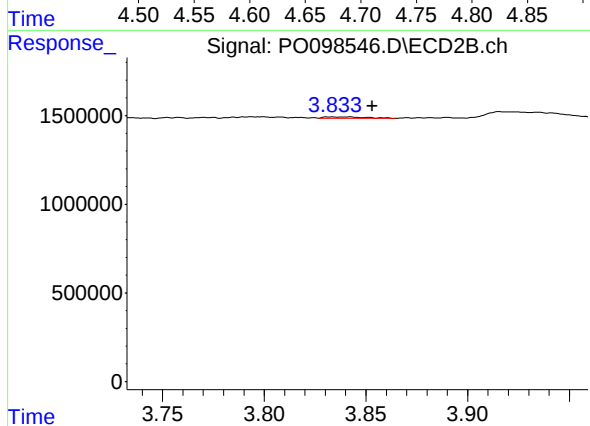
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.007 min
Response: 49086
Conc: 2.53 ng/ml



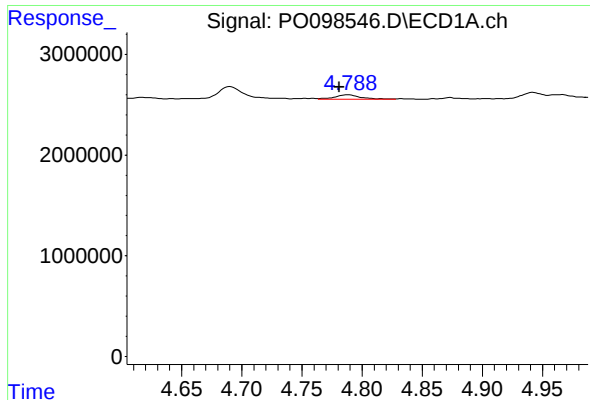
#8 AR-1221-1

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 1768552
Conc: 78.55 ng/ml



#8 AR-1221-1

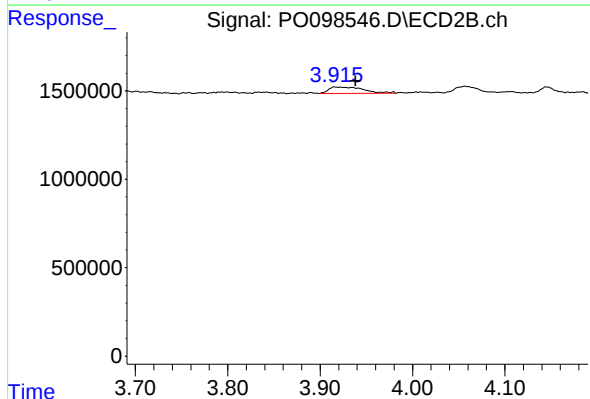
R.T.: 3.833 min
Delta R.T.: -0.020 min
Response: 112552
Conc: 12.25 ng/ml



#9 AR-1221-2

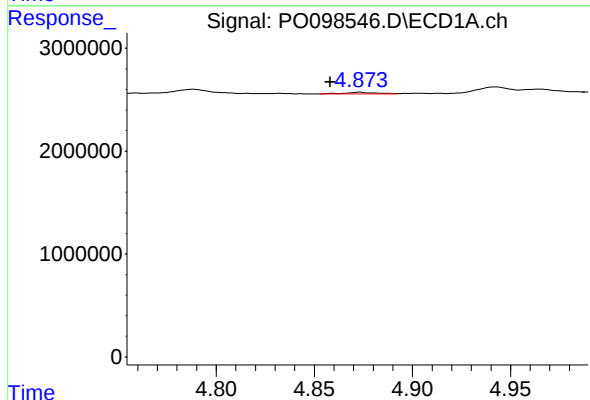
R.T.: 4.788 min
Delta R.T.: 0.007 min
Response: 629449
Conc: 37.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



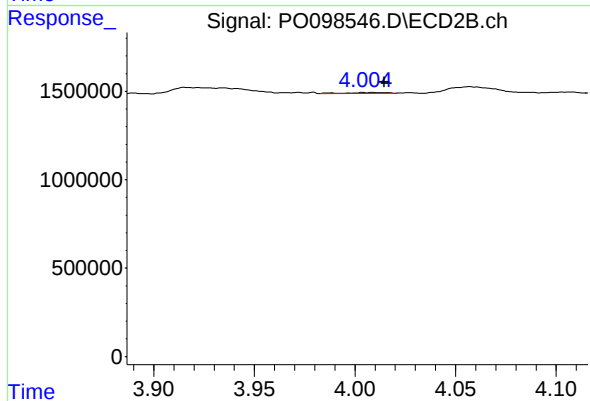
#9 AR-1221-2

R.T.: 3.916 min
Delta R.T.: -0.022 min
Response: 938432
Conc: 141.13 ng/ml



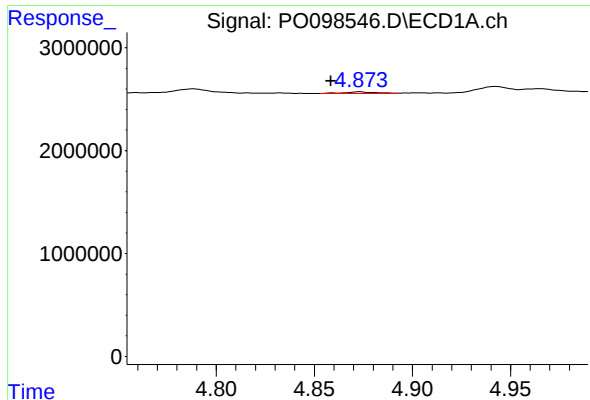
#10 AR-1221-3

R.T.: 4.873 min
Delta R.T.: 0.015 min
Response: 163465
Conc: 3.34 ng/ml



#10 AR-1221-3

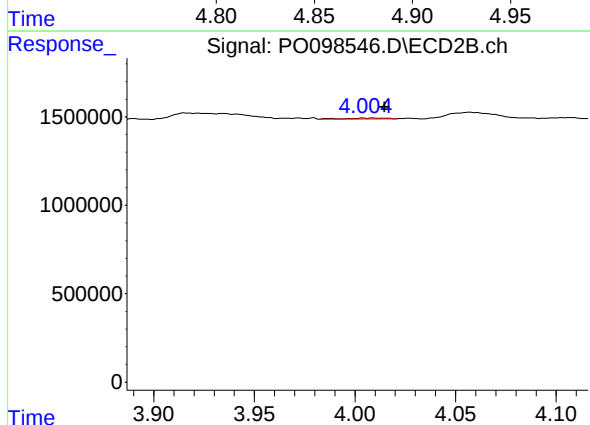
R.T.: 4.004 min
Delta R.T.: -0.010 min
Response: 74250
Conc: 3.68 ng/ml



#11 AR-1232-1

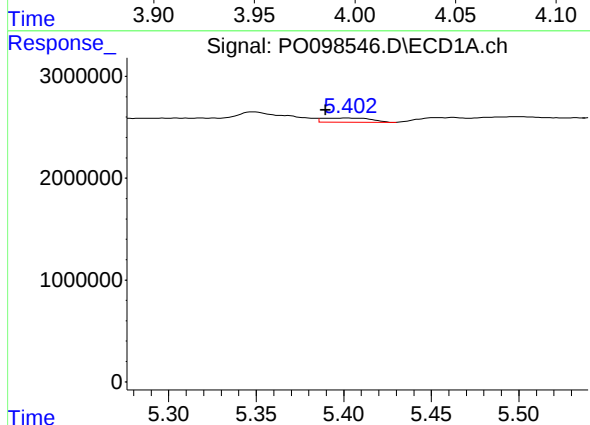
R.T.: 4.873 min
Delta R.T.: 0.015 min
Response: 163465
Conc: 4.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



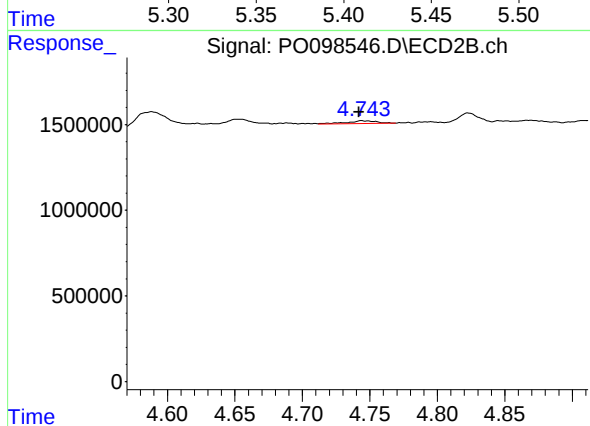
#11 AR-1232-1

R.T.: 4.004 min
Delta R.T.: -0.011 min
Response: 74250
Conc: 4.42 ng/ml



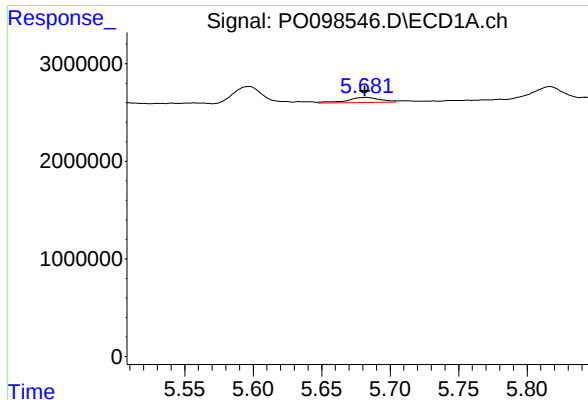
#12 AR-1232-2

R.T.: 5.402 min
Delta R.T.: 0.012 min
Response: 779576
Conc: 36.04 ng/ml



#12 AR-1232-2

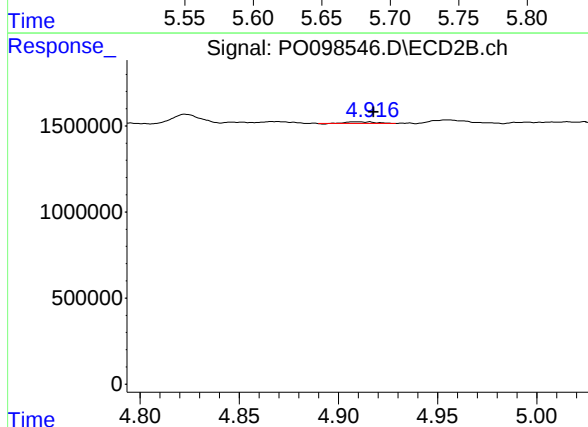
R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 272809
Conc: 18.16 ng/ml



#13 AR-1232-3

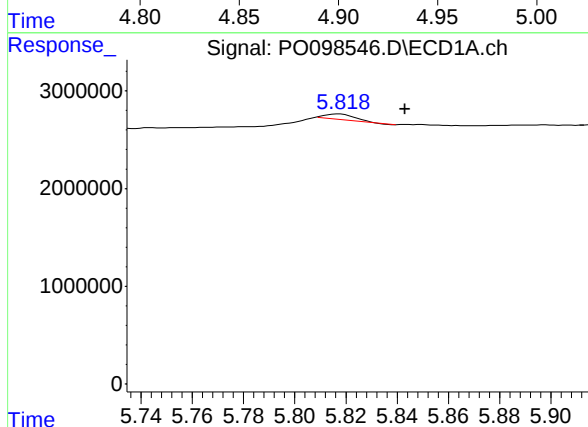
R.T.: 5.683 min
Delta R.T.: 0.001 min
Response: 868127
Conc: 24.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



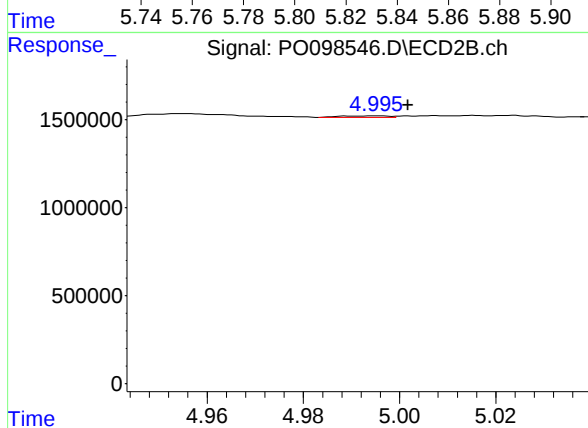
#13 AR-1232-3

R.T.: 4.909 min
Delta R.T.: -0.009 min
Response: 99219
Conc: 12.68 ng/ml



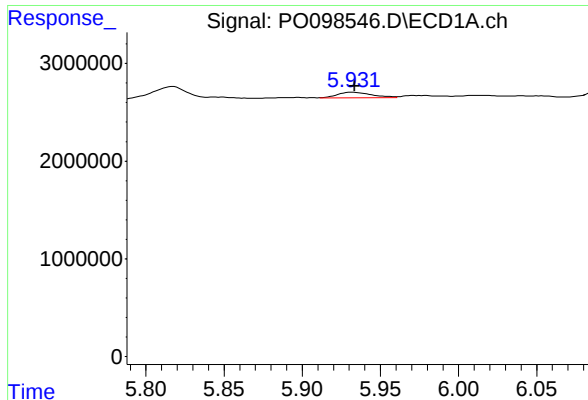
#14 AR-1232-4

R.T.: 5.817 min
Delta R.T.: -0.026 min
Response: 429052
Conc: 25.27 ng/ml



#14 AR-1232-4

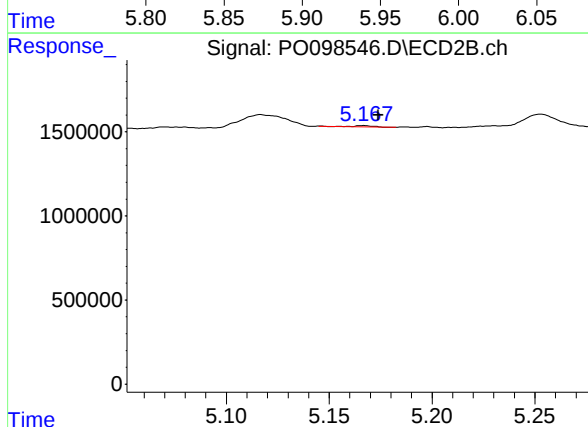
R.T.: 4.995 min
Delta R.T.: -0.007 min
Response: 62281
Conc: 8.28 ng/ml



#15 AR-1232-5

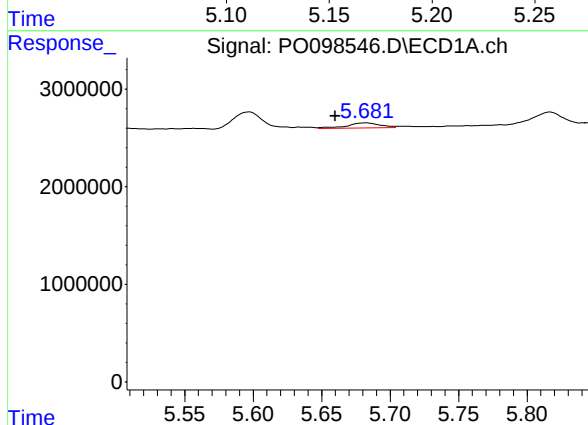
R.T.: 5.932 min
Delta R.T.: -0.001 min
Response: 835901
Conc: 58.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



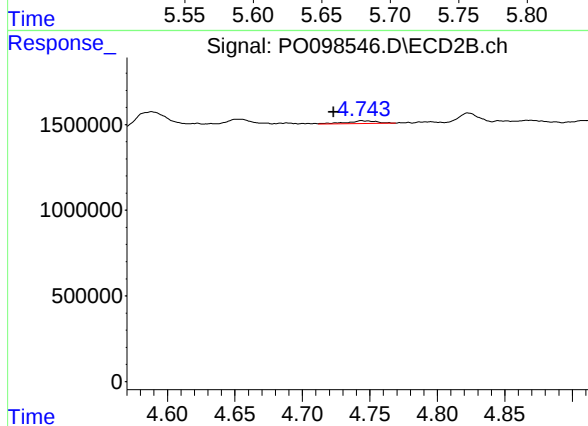
#15 AR-1232-5

R.T.: 5.167 min
Delta R.T.: -0.007 min
Response: 49086
Conc: 6.07 ng/ml



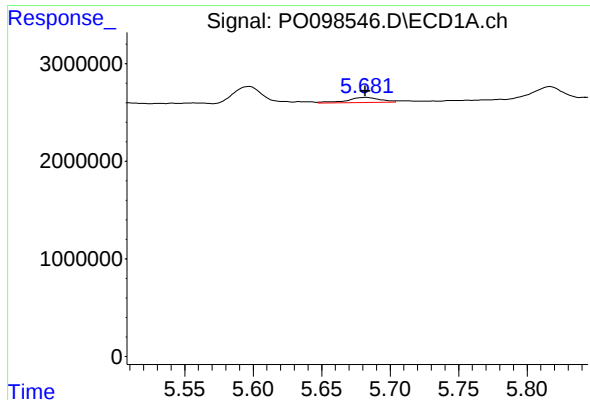
#16 AR-1242-1

R.T.: 5.683 min
Delta R.T.: 0.023 min
Response: 868127
Conc: 19.06 ng/ml



#16 AR-1242-1

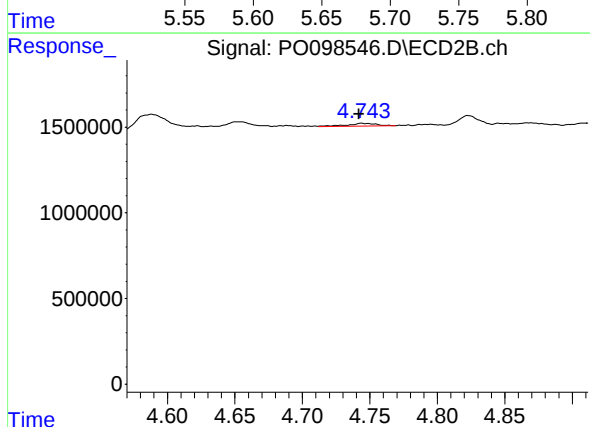
R.T.: 4.744 min
Delta R.T.: 0.021 min
Response: 272809
Conc: 13.03 ng/ml



#17 AR-1242-2

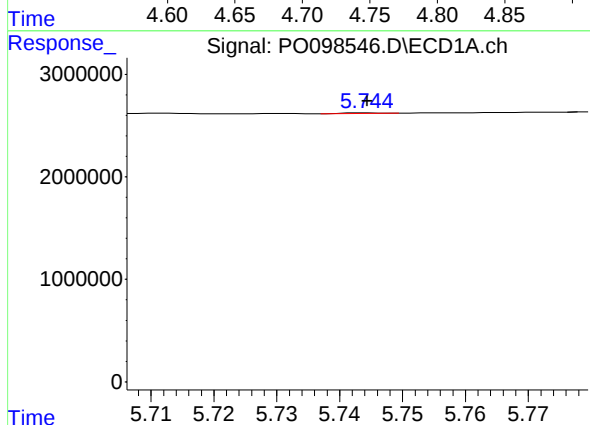
R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 868127
Conc: 12.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



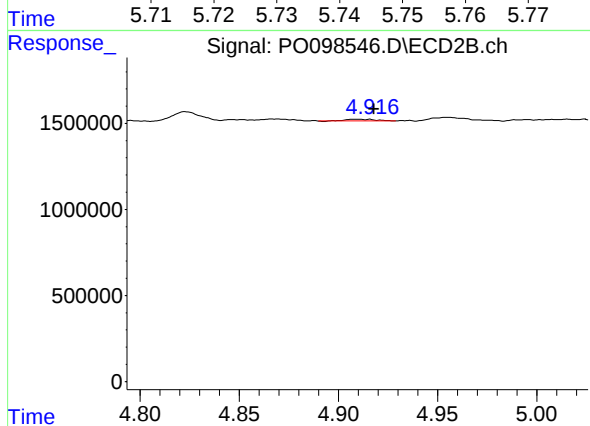
#17 AR-1242-2

R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 272809
Conc: 9.38 ng/ml



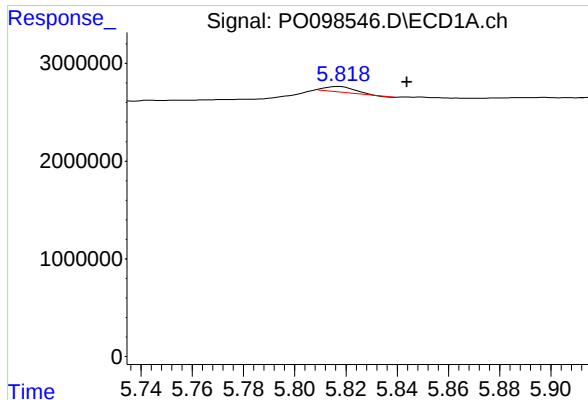
#18 AR-1242-3

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 17937
Conc: 0.42 ng/ml



#18 AR-1242-3

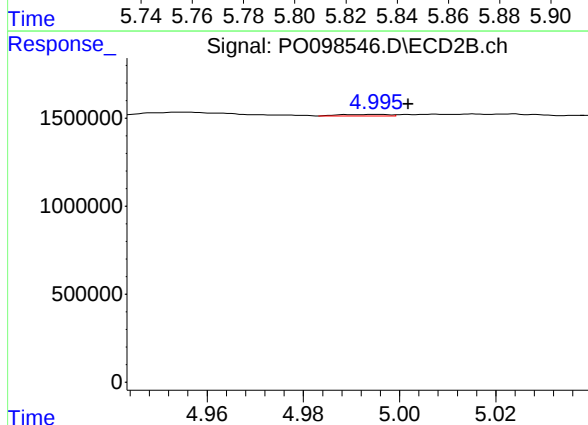
R.T.: 4.909 min
Delta R.T.: -0.009 min
Response: 99219
Conc: 6.35 ng/ml



#19 AR-1242-4

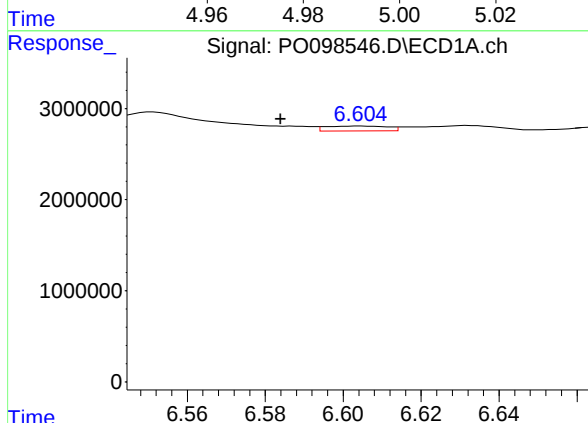
R.T.: 5.817 min
Delta R.T.: -0.027 min
Response: 429052
Conc: 13.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



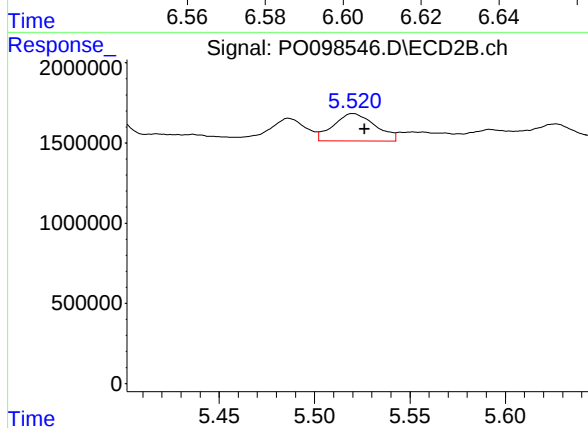
#19 AR-1242-4

R.T.: 4.995 min
Delta R.T.: -0.007 min
Response: 62281
Conc: 3.76 ng/ml



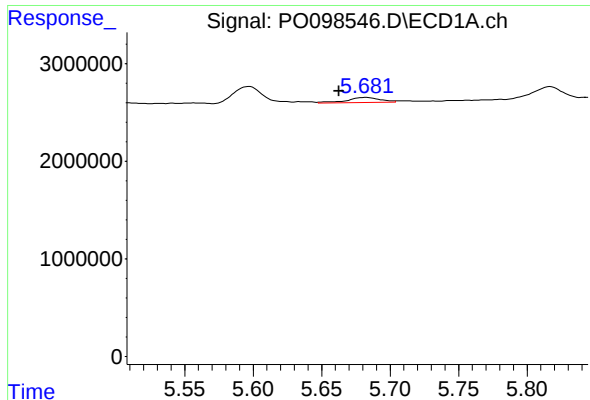
#20 AR-1242-5

R.T.: 6.604 min
Delta R.T.: 0.020 min
Response: 596497
Conc: 16.84 ng/ml



#20 AR-1242-5

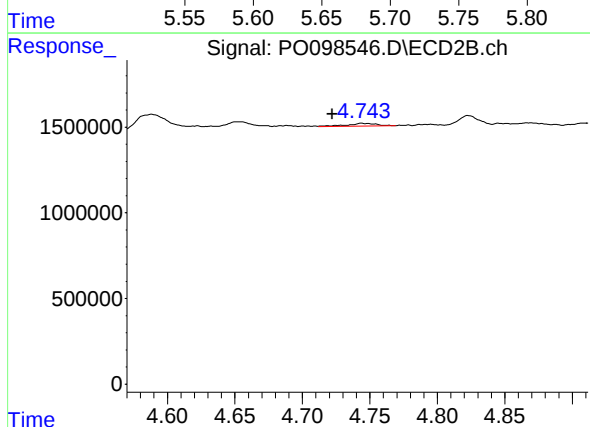
R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 2620512
Conc: 141.20 ng/ml



#21 AR-1248-1

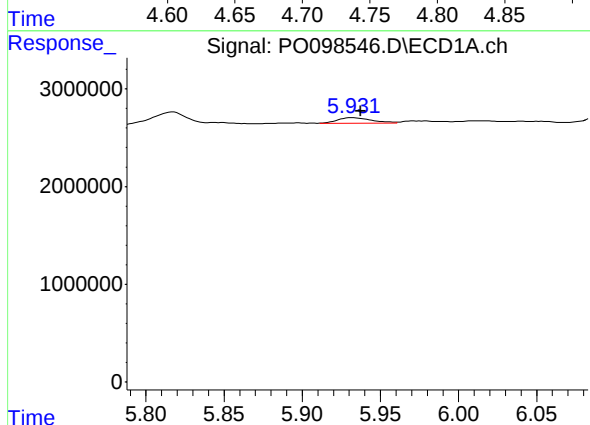
R.T.: 5.683 min
Delta R.T.: 0.020 min
Response: 868127
Conc: 25.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



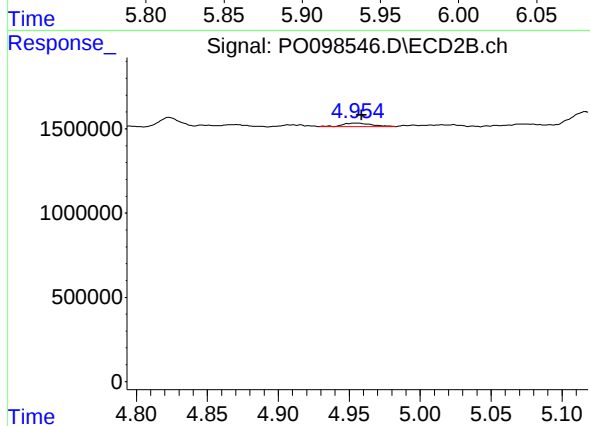
#21 AR-1248-1

R.T.: 4.744 min
Delta R.T.: 0.022 min
Response: 272809
Conc: 17.41 ng/ml



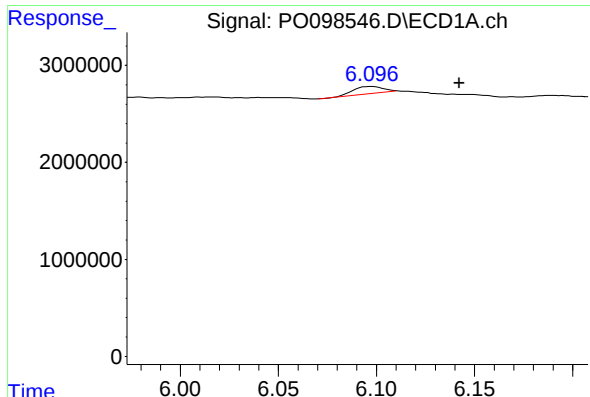
#22 AR-1248-2

R.T.: 5.932 min
Delta R.T.: -0.005 min
Response: 835901
Conc: 16.14 ng/ml



#22 AR-1248-2

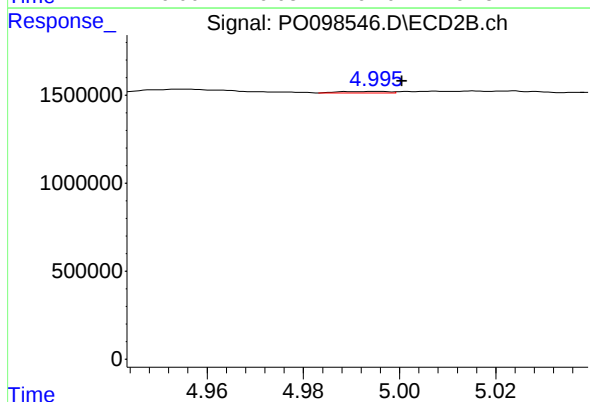
R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 297483
Conc: 13.52 ng/ml



#23 AR-1248-3

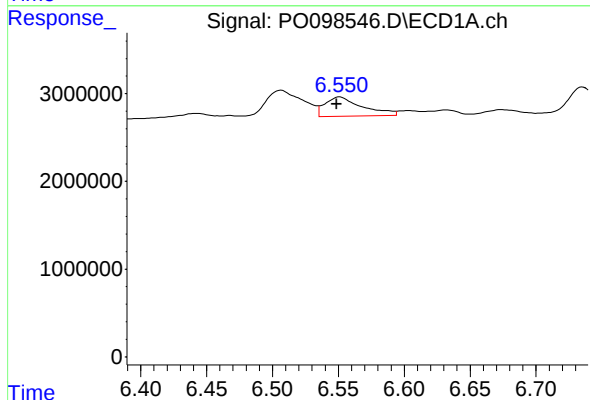
R.T.: 6.097 min
Delta R.T.: -0.045 min
Response: 822120
Conc: 14.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



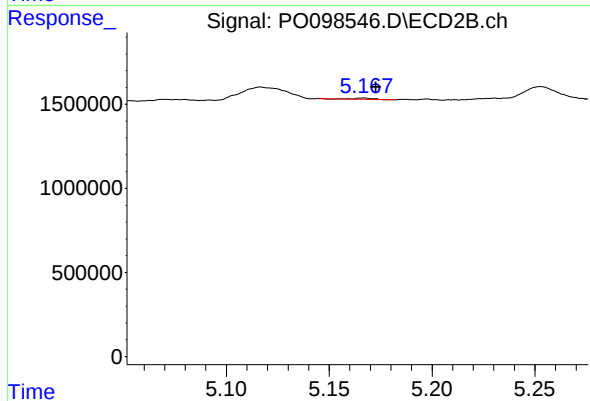
#23 AR-1248-3

R.T.: 4.995 min
Delta R.T.: -0.005 min
Response: 62281
Conc: 2.65 ng/ml



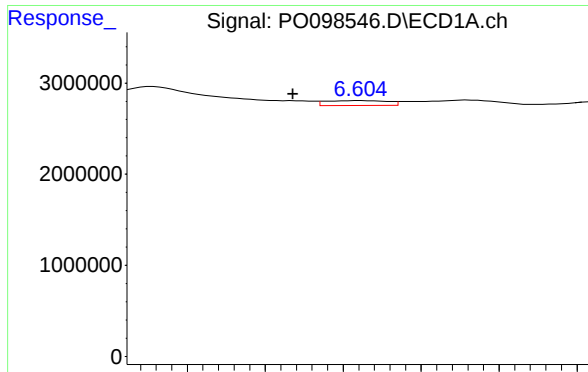
#24 AR-1248-4

R.T.: 6.551 min
Delta R.T.: 0.002 min
Response: 4386130
Conc: 77.37 ng/ml



#24 AR-1248-4

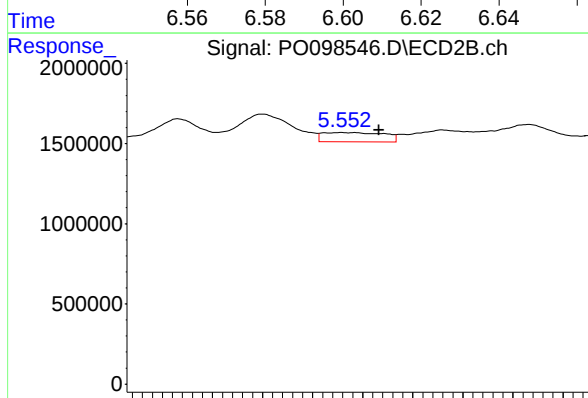
R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 49086
Conc: 1.84 ng/ml



#25 AR-1248-5

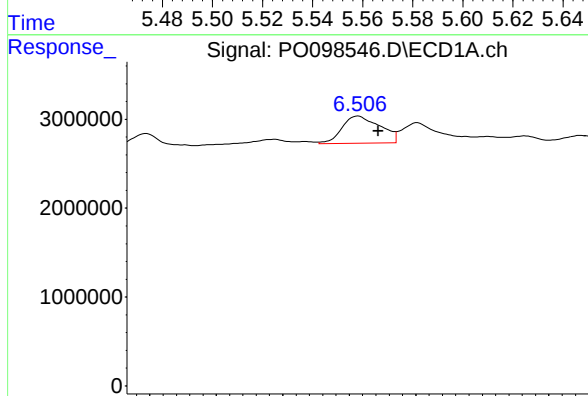
R.T.: 6.604 min
Delta R.T.: 0.017 min
Response: 596497
Conc: 10.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



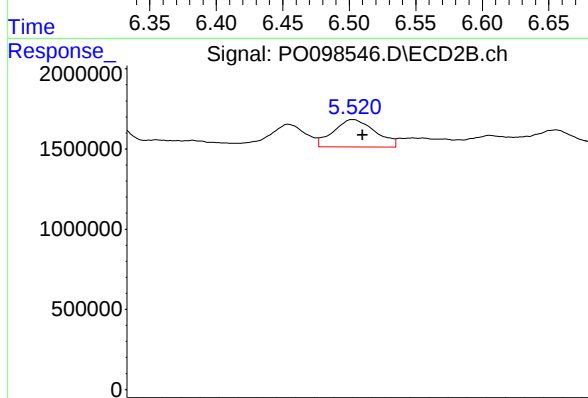
#25 AR-1248-5

R.T.: 5.552 min
Delta R.T.: -0.015 min
Response: 992743
Conc: 42.07 ng/ml



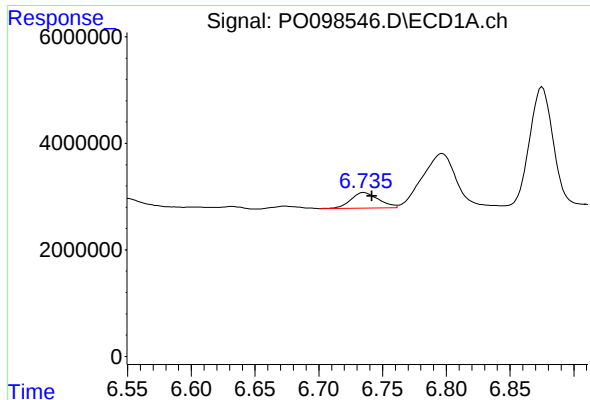
#26 AR-1254-1

R.T.: 6.507 min
Delta R.T.: -0.015 min
Response: 6082337
Conc: 96.29 ng/ml



#26 AR-1254-1

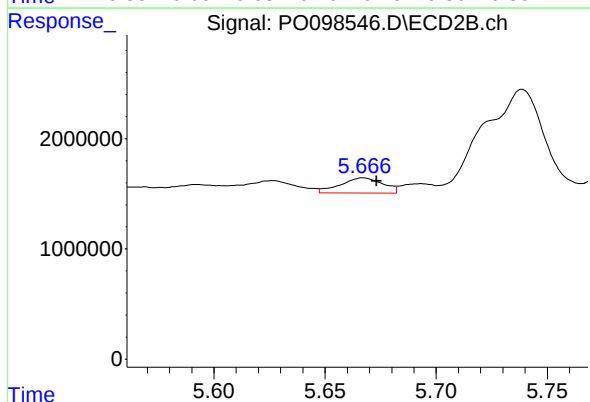
R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 2620512
Conc: 68.34 ng/ml



#27 AR-1254-2

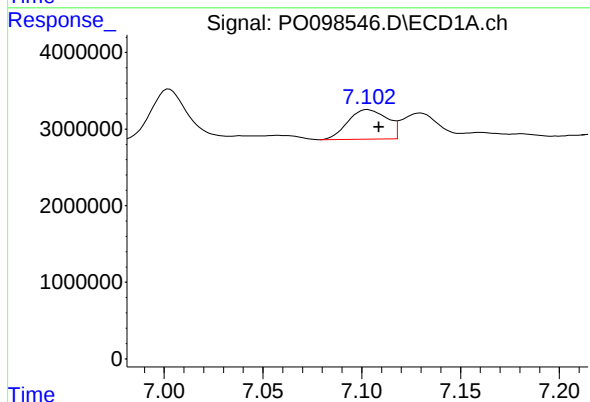
R.T.: 6.735 min
Delta R.T.: -0.006 min
Response: 4466726
Conc: 46.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



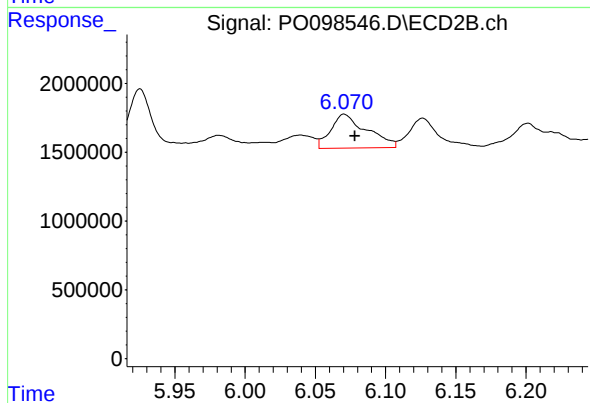
#27 AR-1254-2

R.T.: 5.667 min
Delta R.T.: -0.006 min
Response: 1846021
Conc: 53.62 ng/ml



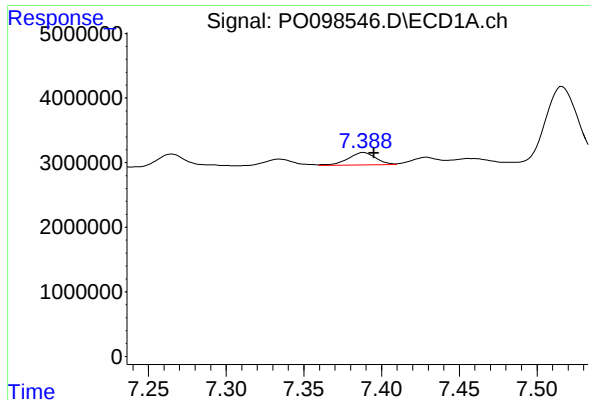
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: -0.006 min
Response: 5337075
Conc: 56.72 ng/ml



#28 AR-1254-3

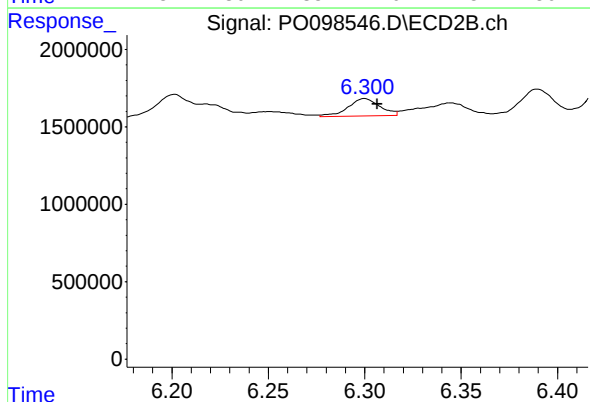
R.T.: 6.071 min
Delta R.T.: -0.008 min
Response: 4395541
Conc: 84.59 ng/ml



#29 AR-1254-4

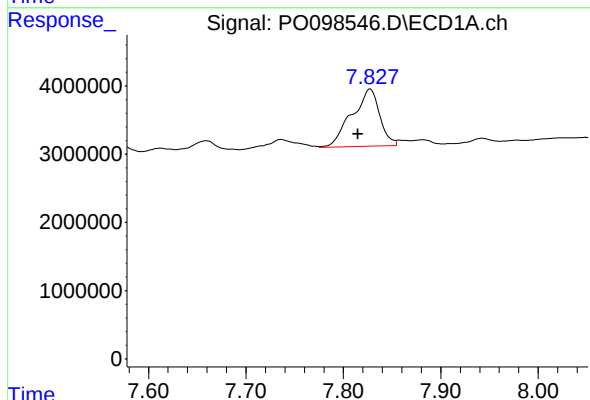
R.T.: 7.389 min
Delta R.T.: -0.007 min
Response: 2407592
Conc: 41.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



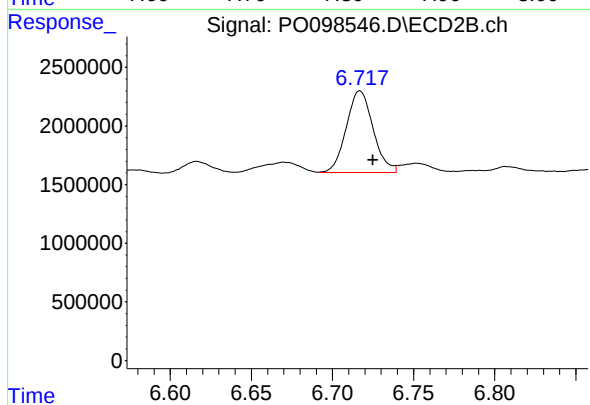
#29 AR-1254-4

R.T.: 6.300 min
Delta R.T.: -0.007 min
Response: 1290380
Conc: 47.01 ng/ml



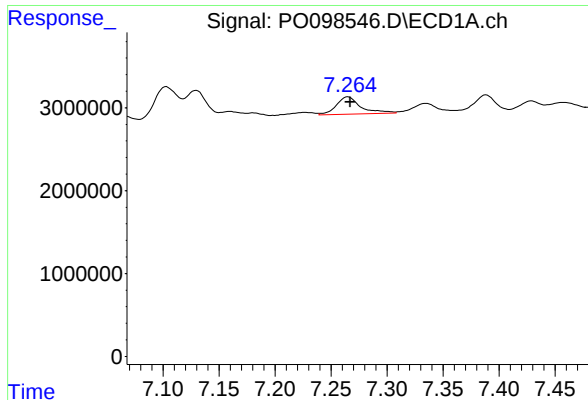
#30 AR-1254-5

R.T.: 7.828 min
Delta R.T.: 0.013 min
Response: 16658787
Conc: 238.51 ng/ml



#30 AR-1254-5

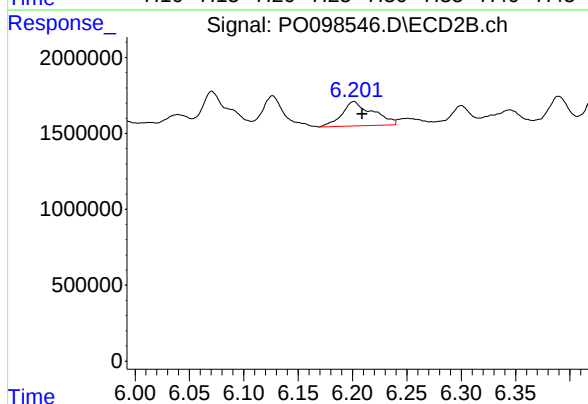
R.T.: 6.717 min
Delta R.T.: -0.008 min
Response: 8007761
Conc: 184.86 ng/ml



#31 AR-1260-1

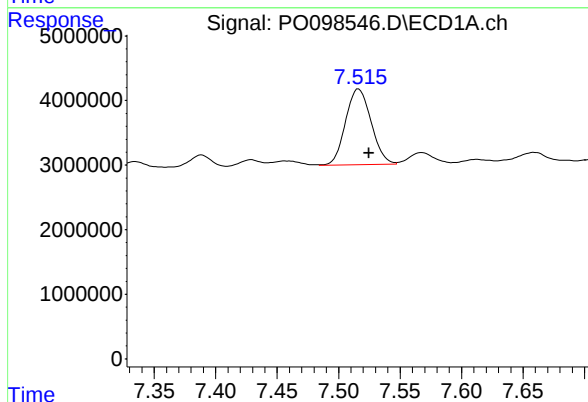
R.T.: 7.265 min
Delta R.T.: -0.002 min
Response: 3159385
Conc: 43.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



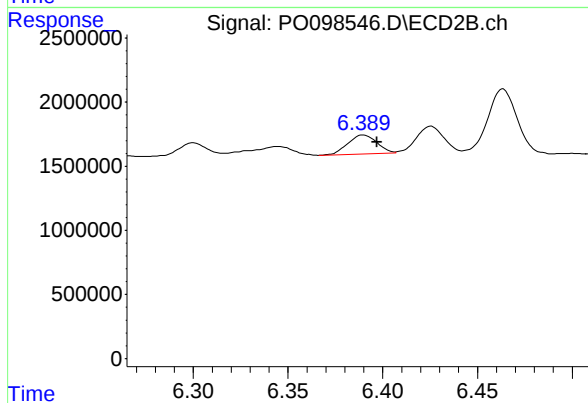
#31 AR-1260-1

R.T.: 6.201 min
Delta R.T.: -0.008 min
Response: 3152486
Conc: 85.92 ng/ml



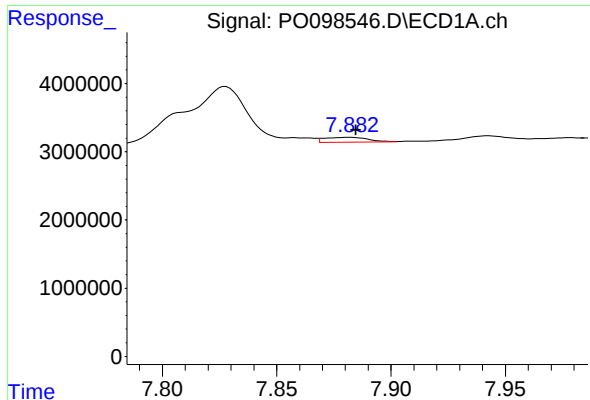
#32 AR-1260-2

R.T.: 7.516 min
Delta R.T.: -0.008 min
Response: 16942701
Conc: 205.76 ng/ml



#32 AR-1260-2

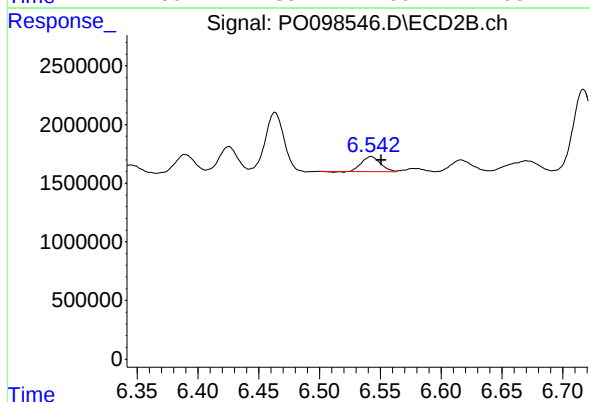
R.T.: 6.390 min
Delta R.T.: -0.007 min
Response: 1579139
Conc: 37.63 ng/ml



#33 AR-1260-3

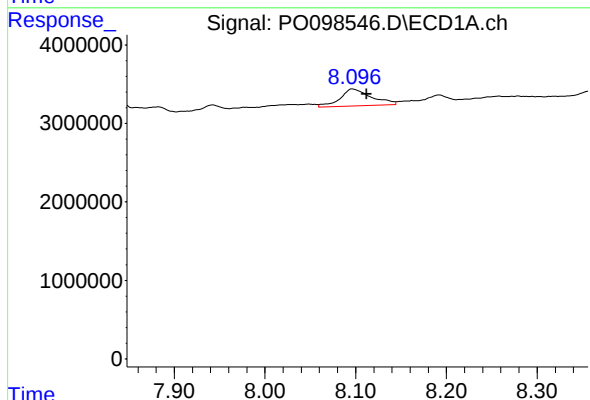
R.T.: 7.882 min
Delta R.T.: -0.002 min
Response: 952180
Conc: 15.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



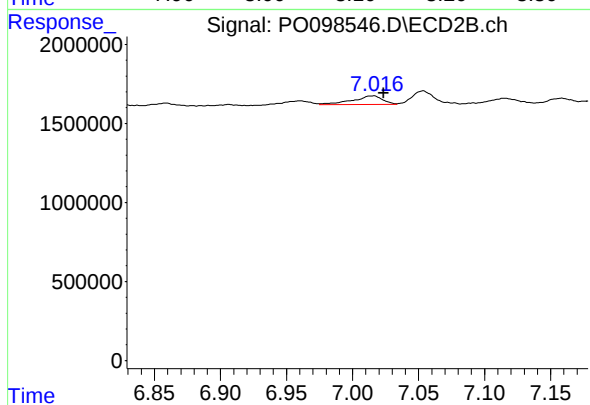
#33 AR-1260-3

R.T.: 6.542 min
Delta R.T.: -0.009 min
Response: 1337051
Conc: 33.41 ng/ml



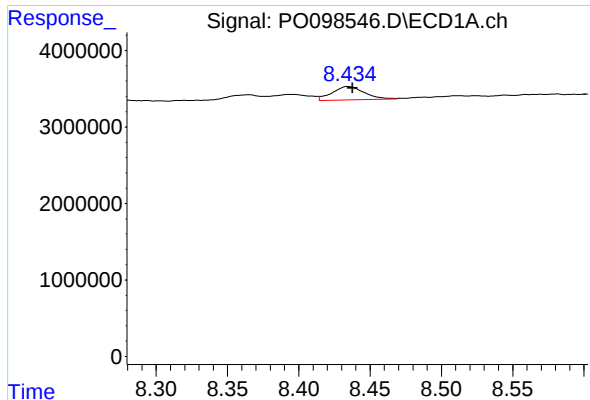
#34 AR-1260-4

R.T.: 8.097 min
Delta R.T.: -0.016 min
Response: 5147166
Conc: 76.35 ng/ml



#34 AR-1260-4

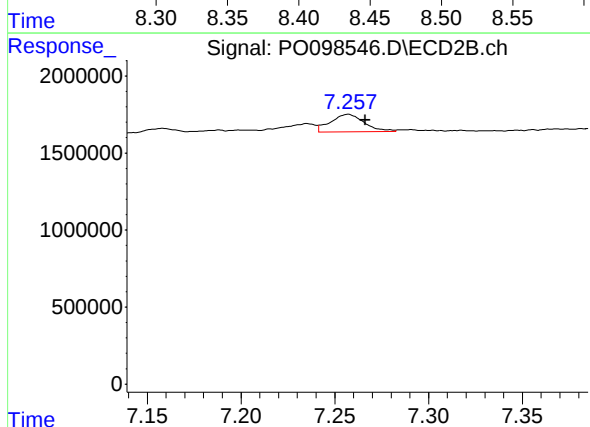
R.T.: 7.016 min
Delta R.T.: -0.008 min
Response: 878900
Conc: 27.29 ng/ml



#35 AR-1260-5

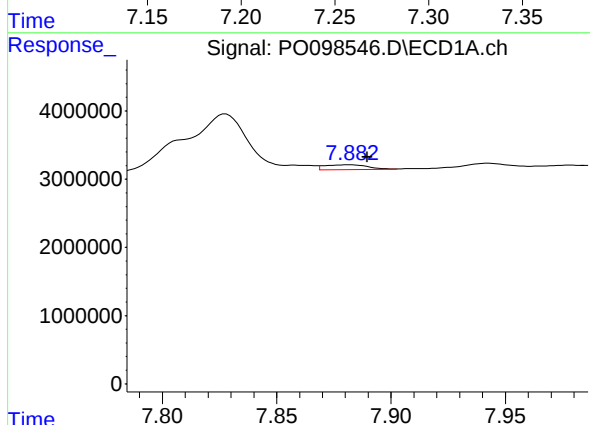
R.T.: 8.435 min
Delta R.T.: -0.003 min
Response: 2710399
Conc: 20.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



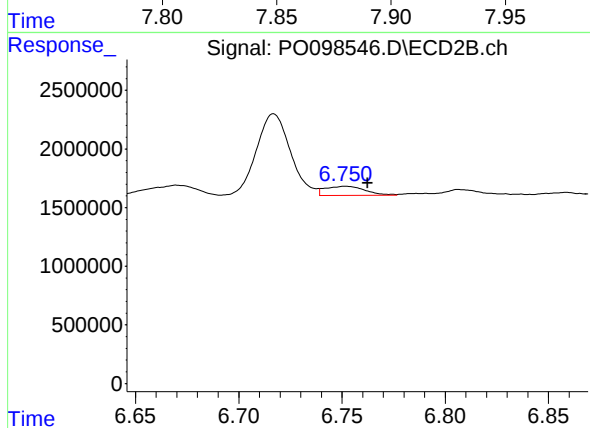
#35 AR-1260-5

R.T.: 7.257 min
Delta R.T.: -0.009 min
Response: 1414515
Conc: 20.19 ng/ml



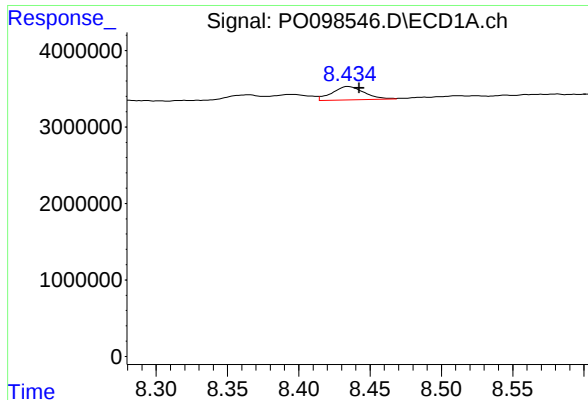
#36 AR-1262-1

R.T.: 7.882 min
Delta R.T.: -0.007 min
Response: 952180
Conc: 10.95 ng/ml



#36 AR-1262-1

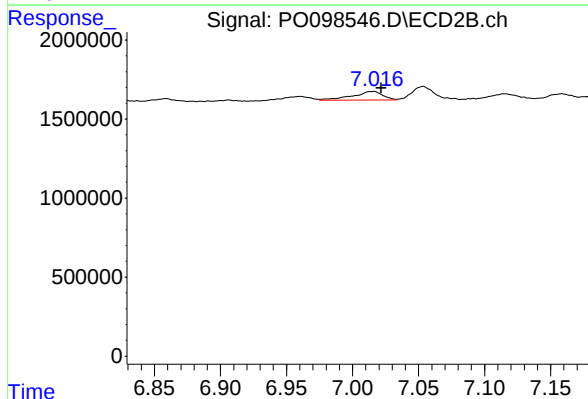
R.T.: 6.752 min
Delta R.T.: -0.011 min
Response: 1036106
Conc: 22.89 ng/ml



#37 AR-1262-2

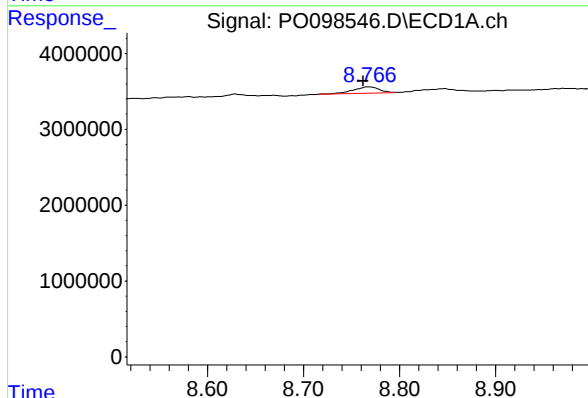
R.T.: 8.435 min
Delta R.T.: -0.008 min
Response: 2710399
Conc: 19.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



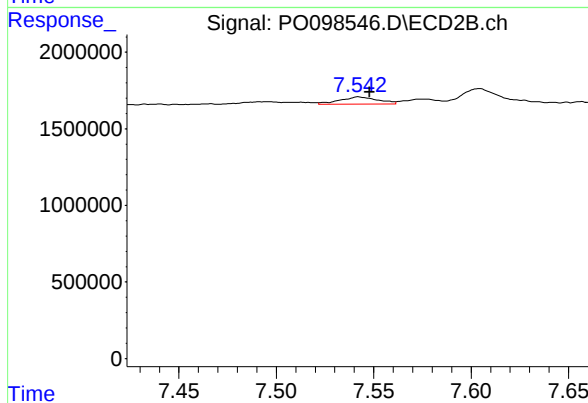
#37 AR-1262-2

R.T.: 7.016 min
Delta R.T.: -0.006 min
Response: 878900
Conc: 21.80 ng/ml



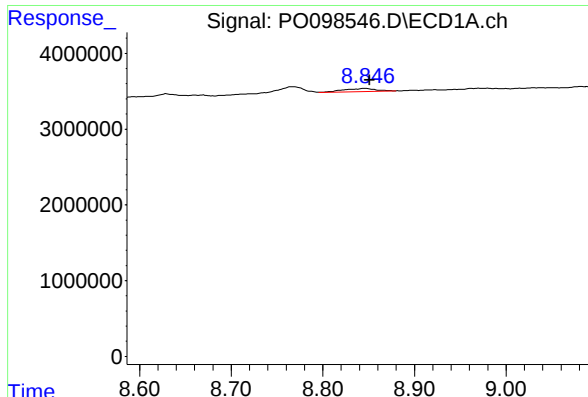
#38 AR-1262-3

R.T.: 8.767 min
Delta R.T.: 0.005 min
Response: 1655233
Conc: 16.76 ng/ml



#38 AR-1262-3

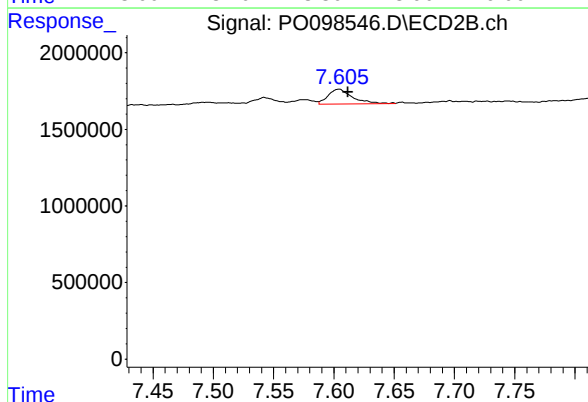
R.T.: 7.542 min
Delta R.T.: -0.006 min
Response: 636987
Conc: 20.52 ng/ml



#39 AR-1262-4

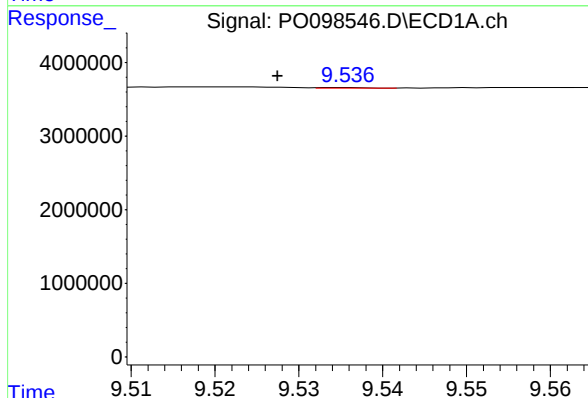
R.T.: 8.847 min
Delta R.T.: -0.004 min
Response: 1059993
Conc: 13.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



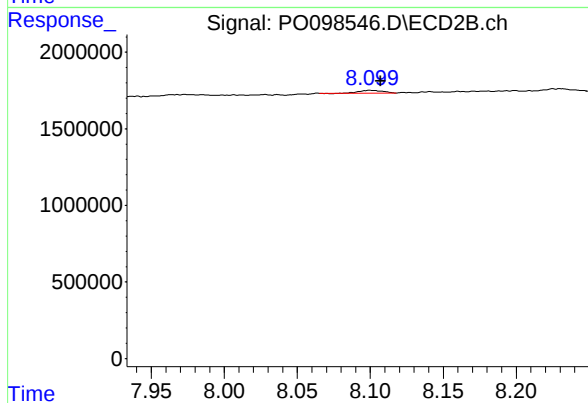
#39 AR-1262-4

R.T.: 7.604 min
Delta R.T.: -0.008 min
Response: 1348914
Conc: 24.90 ng/ml



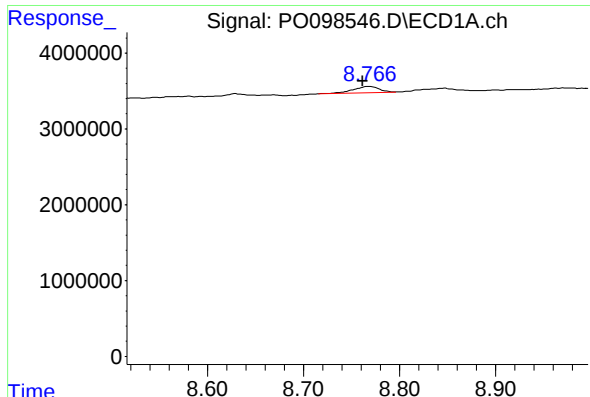
#40 AR-1262-5

R.T.: 9.536 min
Delta R.T.: 0.008 min
Response: 38268
Conc: 0.79 ng/ml



#40 AR-1262-5

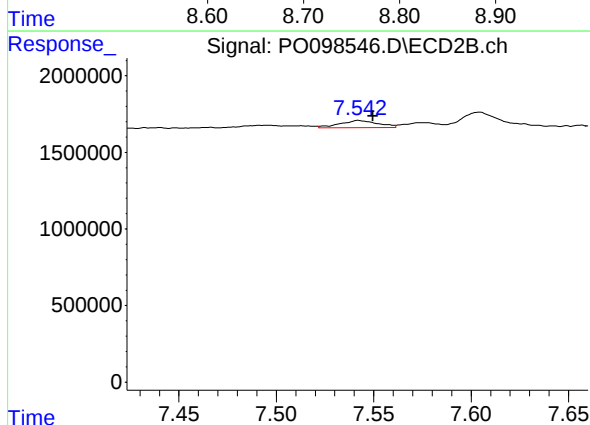
R.T.: 8.100 min
Delta R.T.: -0.007 min
Response: 211144
Conc: 8.55 ng/ml



#41 AR-1268-1

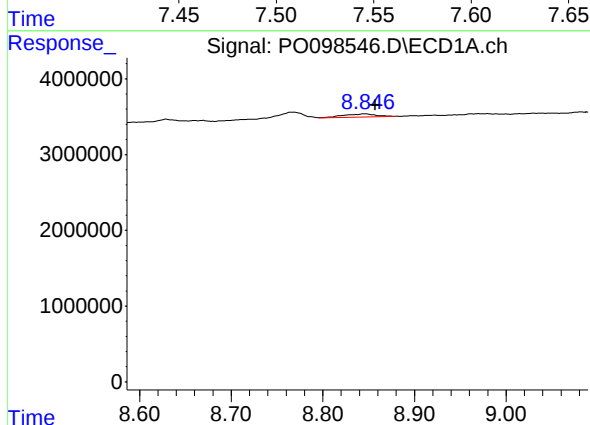
R.T.: 8.767 min
Delta R.T.: 0.006 min
Response: 1655233
Conc: 9.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



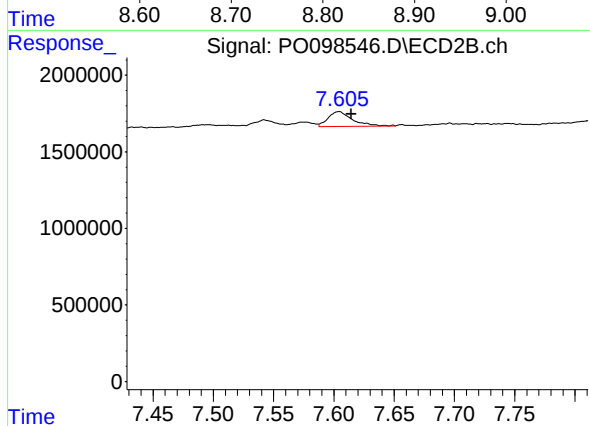
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: -0.007 min
Response: 636987
Conc: 6.97 ng/ml



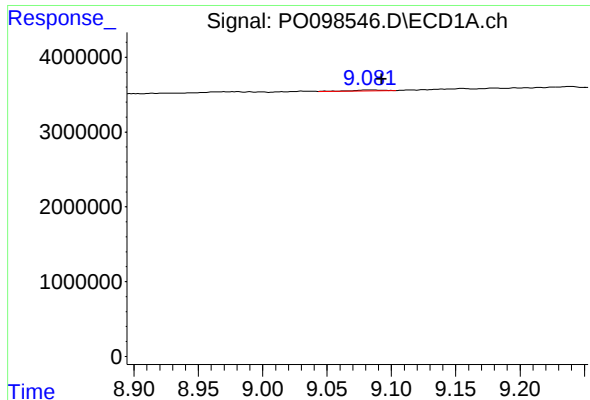
#42 AR-1268-2

R.T.: 8.847 min
Delta R.T.: -0.011 min
Response: 1059993
Conc: 6.80 ng/ml



#42 AR-1268-2

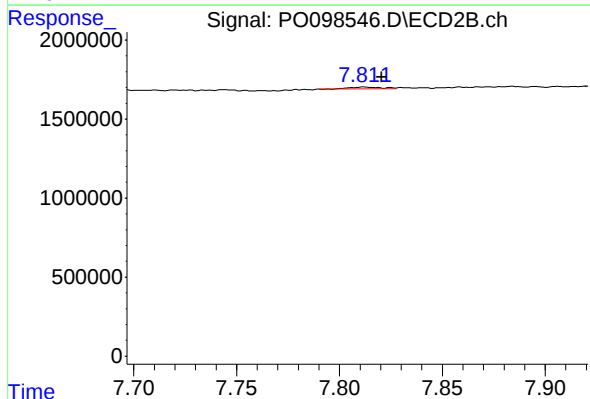
R.T.: 7.604 min
Delta R.T.: -0.010 min
Response: 1348914
Conc: 17.40 ng/ml



#43 AR-1268-3

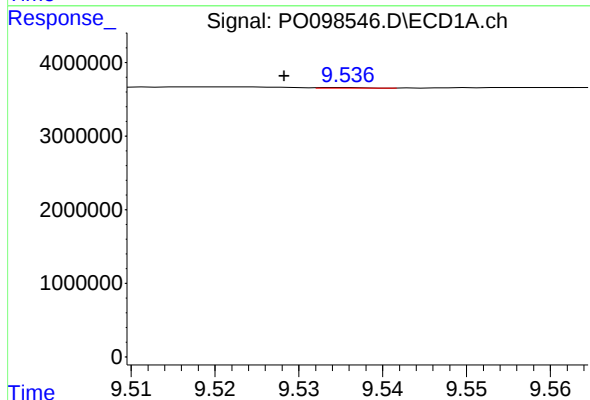
R.T.: 9.082 min
Delta R.T.: -0.011 min
Response: 185583
Conc: 1.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



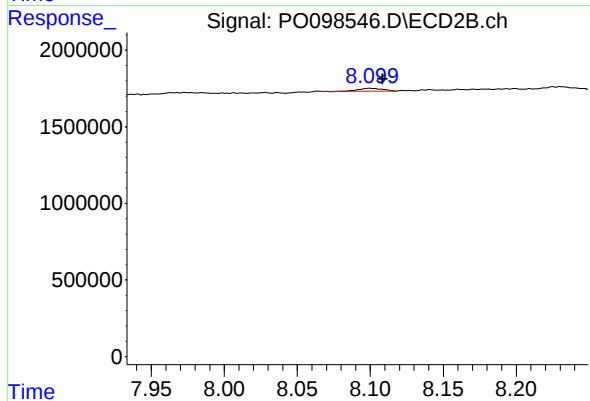
#43 AR-1268-3

R.T.: 7.812 min
Delta R.T.: -0.009 min
Response: 115164
Conc: 1.74 ng/ml



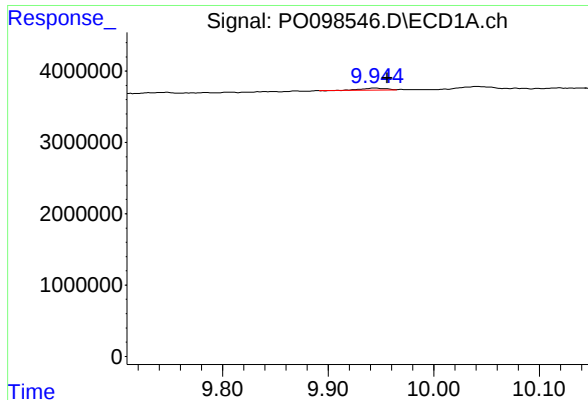
#44 AR-1268-4

R.T.: 9.536 min
Delta R.T.: 0.007 min
Response: 38268
Conc: 0.72 ng/ml



#44 AR-1268-4

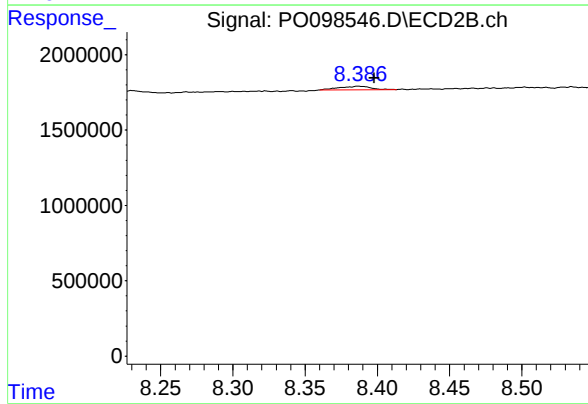
R.T.: 8.100 min
Delta R.T.: -0.008 min
Response: 211144
Conc: 7.80 ng/ml



#45 AR-1268-5

R.T.: 9.945 min
Delta R.T.: -0.011 min
Response: 487142
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: -0.011 min
Response: 370305
Conc: 1.87 ng/ml