

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080223\
 Data File : P0096595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2023 16:58
 Operator : YP/AJ
 Sample : 03853-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 02:04:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 28 01:38:03 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...	4.414	3.623	67444029	27616424	20.186	19.496
2) SA Decachlor...	10.243	8.646	47586553	24995773	21.508	21.249
Target Compounds						
3) L1 AR-1016-1	5.625	0.000	102150	0	1.090	N.D. #
4) L1 AR-1016-2	5.625	0.000	102150	0	0.766	N.D. #
5) L1 AR-1016-3	5.699	4.907	54627	135624	0.658	3.973 #
6) L1 AR-1016-4	5.815	4.907f	17503	135624	0.258	4.646 #
7) L1 AR-1016-5	6.076	0.000	65819	0	0.919	N.D. #
8) L2 AR-1221-1	4.621	3.791f	338112	224304	8.217	11.968 #
9) L2 AR-1221-2	4.724	3.926	932015	694668	31.005	49.049 #
10) L2 AR-1221-3	4.786	4.044f	53069	275203	0.604	6.647 #
11) L3 AR-1232-1	4.786	4.044f	53069	275203	0.738	8.100 #
12) L3 AR-1232-2	5.329	0.000	104318	0	2.657	N.D. #
13) L3 AR-1232-3	5.625	4.907	102150	135624	1.676	8.701 #
14) L3 AR-1232-4	5.815	0.000	17503	0	0.577	N.D. #
15) L3 AR-1232-5	5.896	0.000	369325	0	13.276	N.D. #
16) L4 AR-1242-1	5.625	0.000	102150	0	1.260	N.D. #
17) L4 AR-1242-2	5.625	0.000	102150	0	0.893	N.D. #
18) L4 AR-1242-3	5.699	4.907	54627	135624	0.767	4.614 #
19) L4 AR-1242-4	5.815	0.000	17503	0	0.303	N.D. #
20) L4 AR-1242-5	6.526	5.510	35024	448930	0.632	12.444 #
21) L5 AR-1248-1	5.625	0.000	102150	0	1.779	N.D. #
22) L5 AR-1248-2	5.896	4.907f	369325	135624	3.982	3.217
23) L5 AR-1248-3	6.092	0.000	69267	0	0.703	N.D. #
24) L5 AR-1248-4	6.491	0.000	52218	0	0.562	N.D. #
25) L5 AR-1248-5	6.526	5.607f	35024	1111516	0.379	23.680 #
26) L6 AR-1254-1	6.458	5.510	97585	448930	0.923	6.109 #
27) L6 AR-1254-2	6.677	5.664	441565	255743	2.846	3.918 #
28) L6 AR-1254-3	7.048	6.068	920961	151647	6.034	1.503 #
29) L6 AR-1254-4	7.368	6.240f	414400	280007	4.240	4.694
30) L6 AR-1254-5	7.761	6.713	453928	341510	4.120	3.934
31) L7 AR-1260-1	7.218	6.200	543926	338185	4.180	4.641
32) L7 AR-1260-2	7.475	6.386	19423	267664	0.142	3.095 #
33) L7 AR-1260-3	7.761	6.540	453928	267802	2.969	3.346
34) L7 AR-1260-4	8.072	7.000	162167	432439	1.332	6.622 #
35) L7 AR-1260-5	8.386	7.257	567316	282928	2.580	1.997
36) L8 AR-1262-1	7.840	6.814	665686	132983	4.509	3.385
37) L8 AR-1262-2	8.386	7.000	567316	432439	2.488	5.300 #
38) L8 AR-1262-3	8.726	7.538	1050457	173644	6.319	2.714 #
39) L8 AR-1262-4	8.801	7.603	713986	550896	5.521	4.863
40) L8 AR-1262-5	9.480	8.069f	81224	168217	0.952	3.232 #
41) L9 AR-1268-1	8.726	7.538	1050457	173644	3.454	0.930 #

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 Integrator: ChemStation

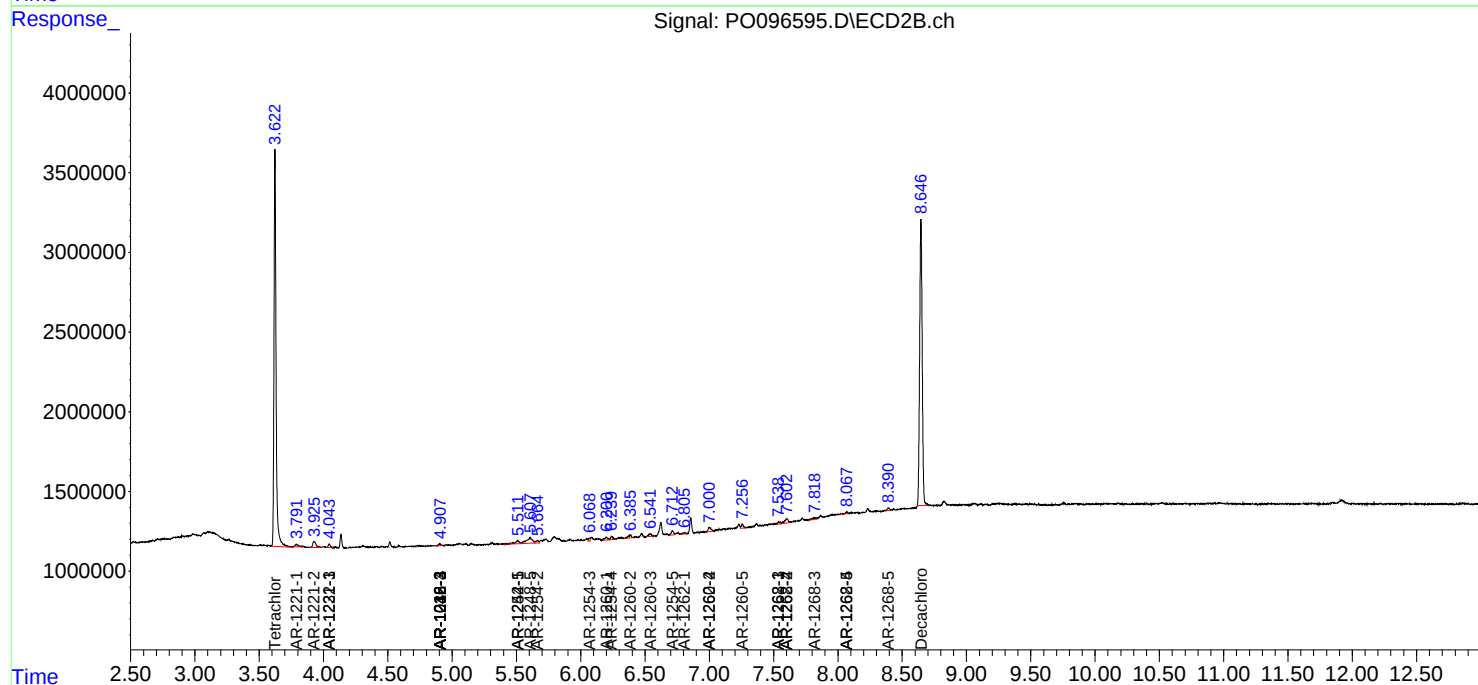
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

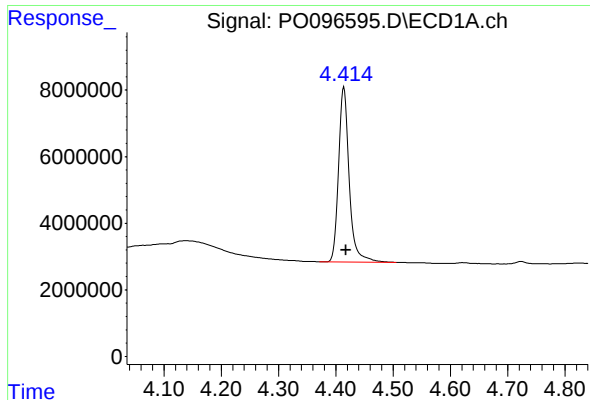
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.801	7.603	713986	550896	2.667	3.274
43) L9	AR-1268-3	9.030	7.819	468165	230097	1.870	1.570
44) L9	AR-1268-4	9.480	8.069f	81224	168217	0.877	2.829 #
45) L9	AR-1268-5	9.899	8.392	121097	216360	0.152	0.501 #

(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

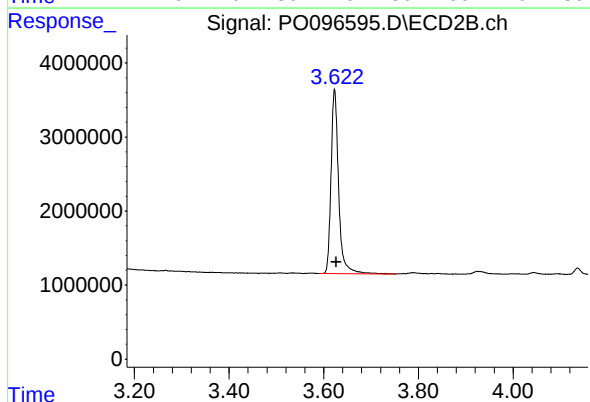




#1 Tetrachloro-m-xylene

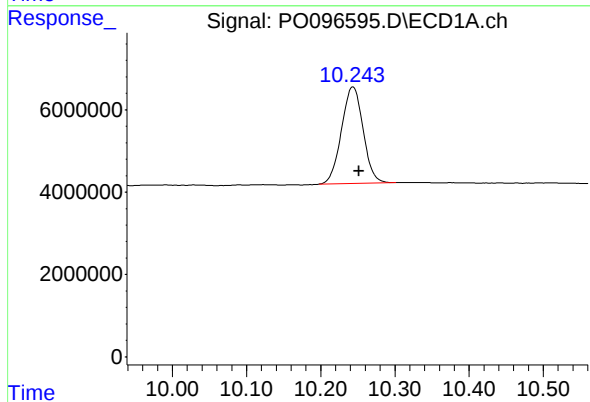
R.T.: 4.414 min
Delta R.T.: -0.004 min
Response: 67444029
Conc: 20.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



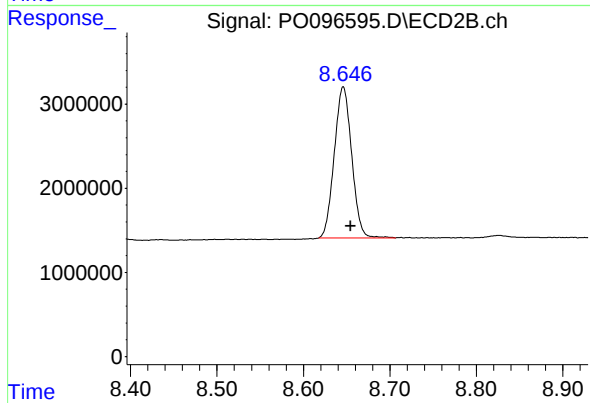
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.004 min
Response: 27616424
Conc: 19.50 ng/ml



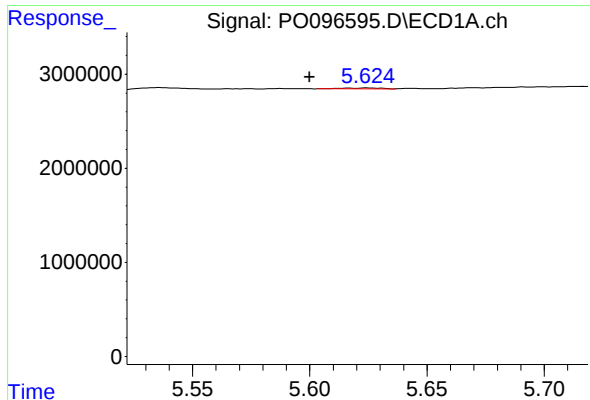
#2 Decachlorobiphenyl

R.T.: 10.243 min
Delta R.T.: -0.008 min
Response: 47586553
Conc: 21.51 ng/ml



#2 Decachlorobiphenyl

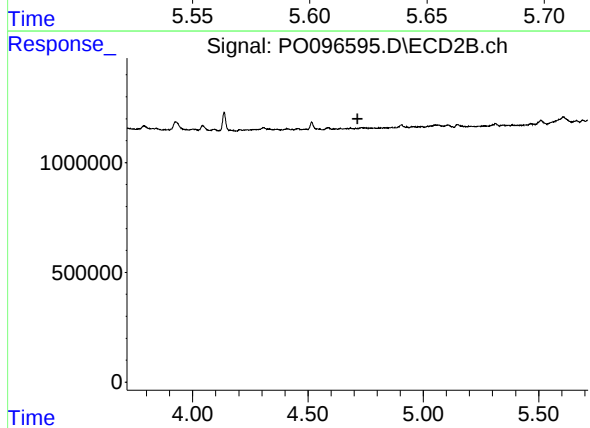
R.T.: 8.646 min
Delta R.T.: -0.009 min
Response: 24995773
Conc: 21.25 ng/ml



#3 AR-1016-1

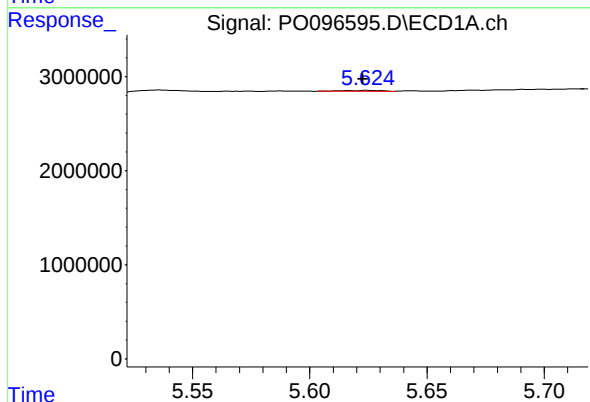
R.T.: 5.625 min
Delta R.T.: 0.025 min
Response: 102150
Conc: 1.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



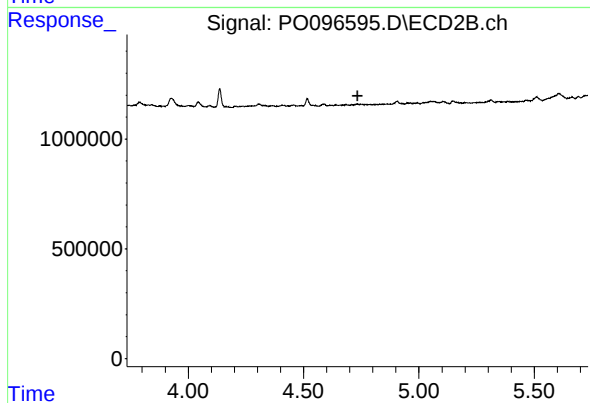
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.715 min
Response: 0
Conc: N.D.



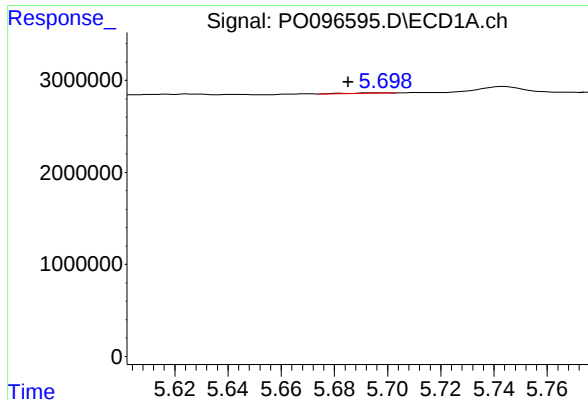
#4 AR-1016-2

R.T.: 5.625 min
Delta R.T.: 0.002 min
Response: 102150
Conc: 0.77 ng/ml



#4 AR-1016-2

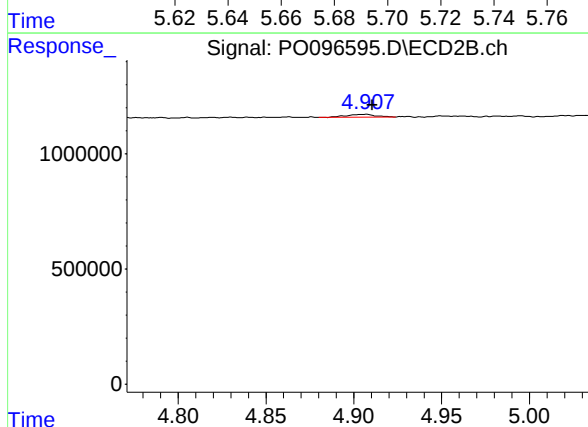
R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



#5 AR-1016-3

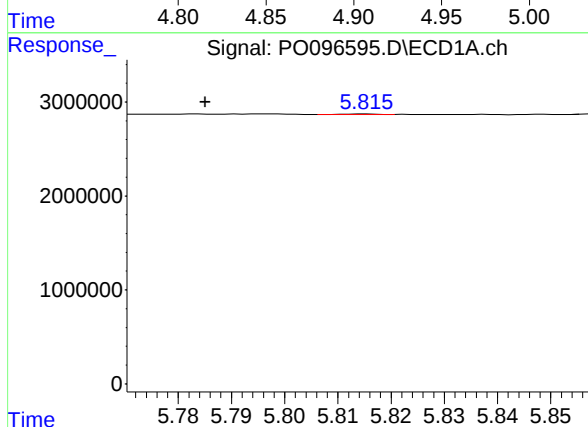
R.T.: 5.699 min
Delta R.T.: 0.014 min
Response: 54627
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



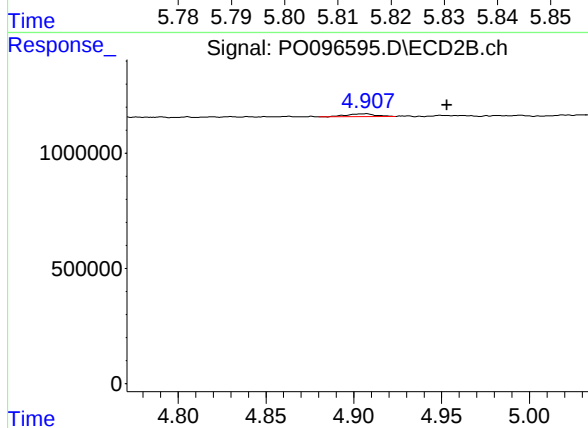
#5 AR-1016-3

R.T.: 4.907 min
Delta R.T.: -0.004 min
Response: 135624
Conc: 3.97 ng/ml



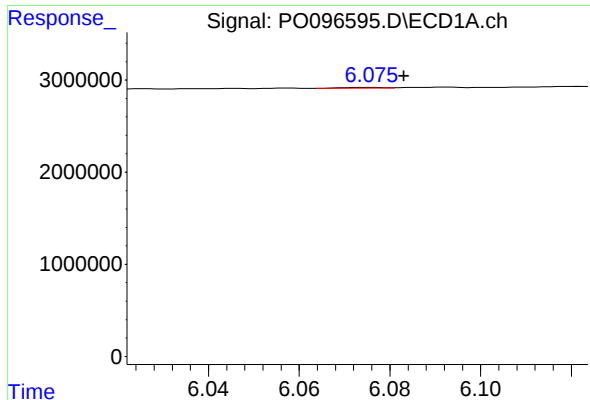
#6 AR-1016-4

R.T.: 5.815 min
Delta R.T.: 0.030 min
Response: 17503
Conc: 0.26 ng/ml



#6 AR-1016-4

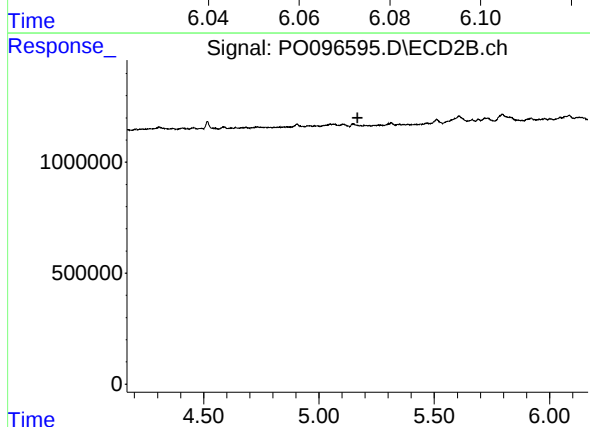
R.T.: 4.907 min
Delta R.T.: -0.046 min
Response: 135624
Conc: 4.65 ng/ml



#7 AR-1016-5

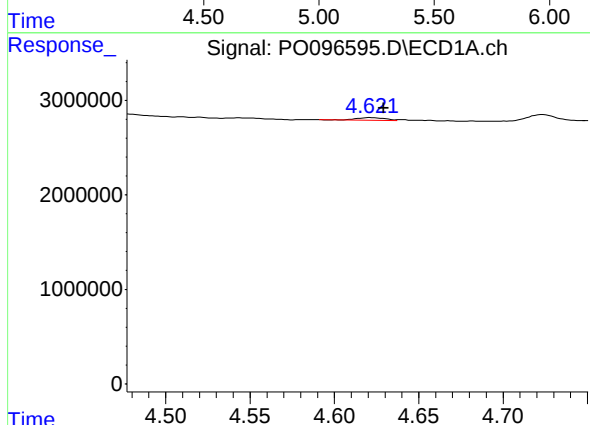
R.T.: 6.076 min
Delta R.T.: -0.007 min
Response: 65819
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



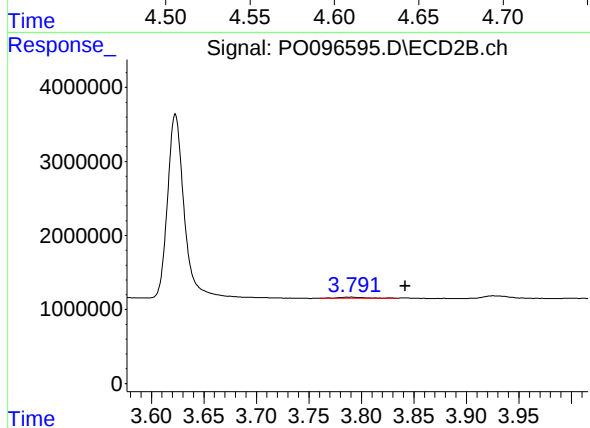
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 5.167 min
Response: 0
Conc: N.D.



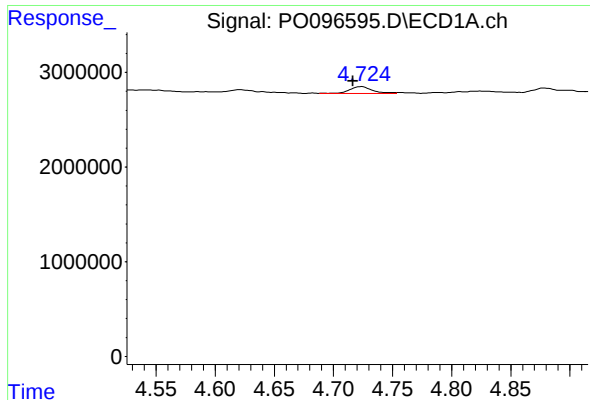
#8 AR-1221-1

R.T.: 4.621 min
Delta R.T.: -0.008 min
Response: 338112
Conc: 8.22 ng/ml



#8 AR-1221-1

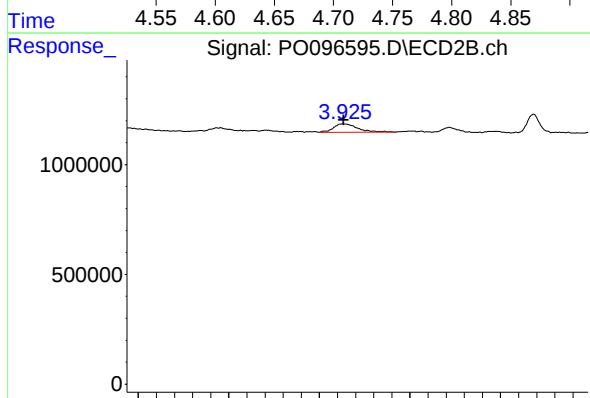
R.T.: 3.791 min
Delta R.T.: -0.051 min
Response: 224304
Conc: 11.97 ng/ml



#9 AR-1221-2

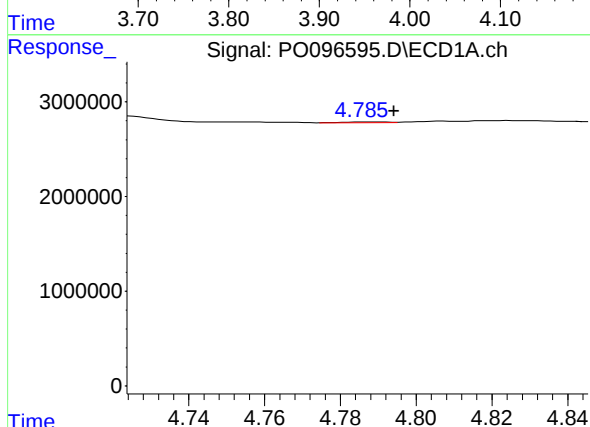
R.T.: 4.724 min
Delta R.T.: 0.007 min
Response: 932015
Conc: 31.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



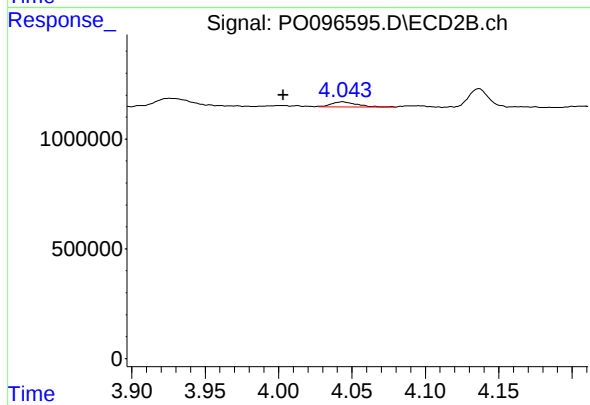
#9 AR-1221-2

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 694668
Conc: 49.05 ng/ml



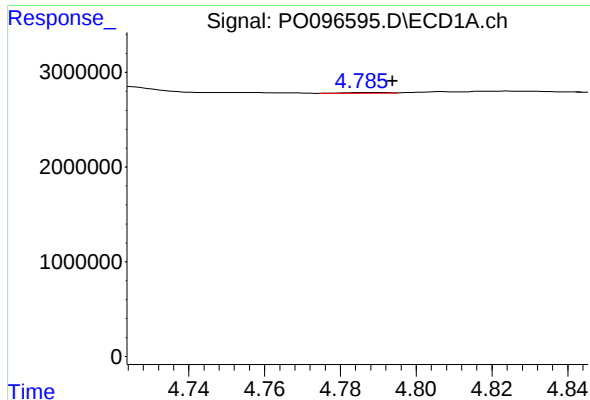
#10 AR-1221-3

R.T.: 4.786 min
Delta R.T.: -0.008 min
Response: 53069
Conc: 0.60 ng/ml



#10 AR-1221-3

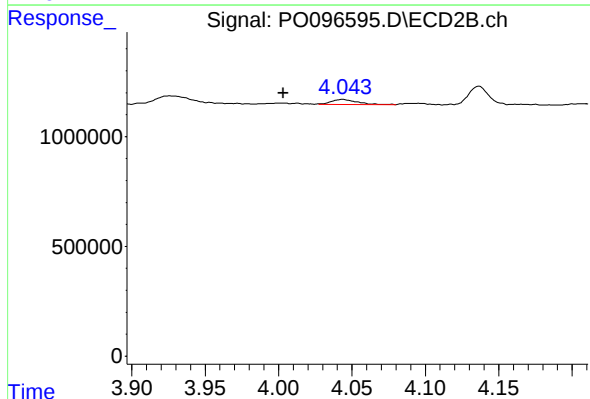
R.T.: 4.044 min
Delta R.T.: 0.041 min
Response: 275203
Conc: 6.65 ng/ml



#11 AR-1232-1

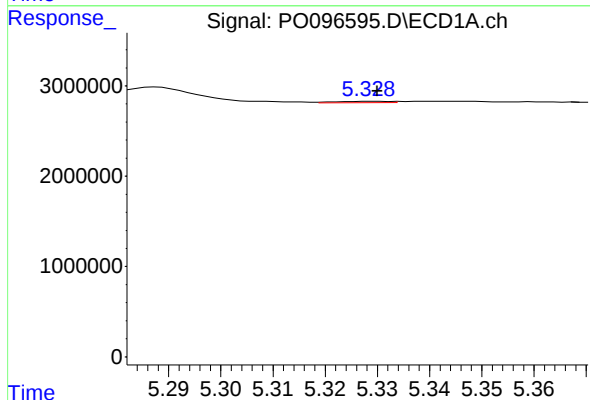
R.T.: 4.786 min
Delta R.T.: -0.008 min
Response: 53069
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



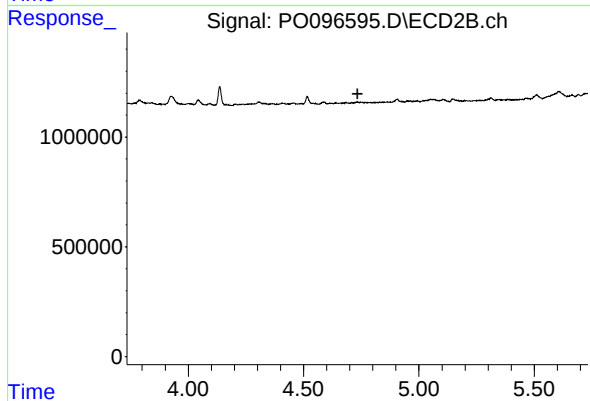
#11 AR-1232-1

R.T.: 4.044 min
Delta R.T.: 0.041 min
Response: 275203
Conc: 8.10 ng/ml



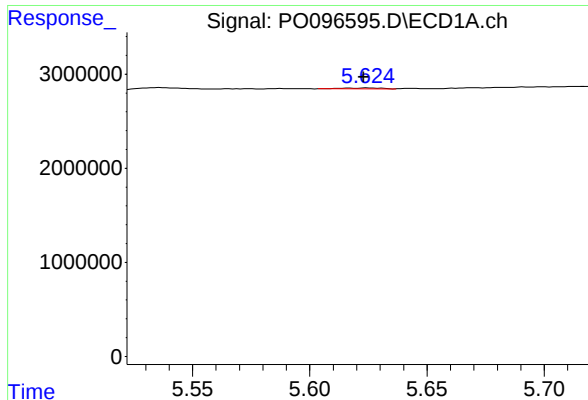
#12 AR-1232-2

R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 104318
Conc: 2.66 ng/ml



#12 AR-1232-2

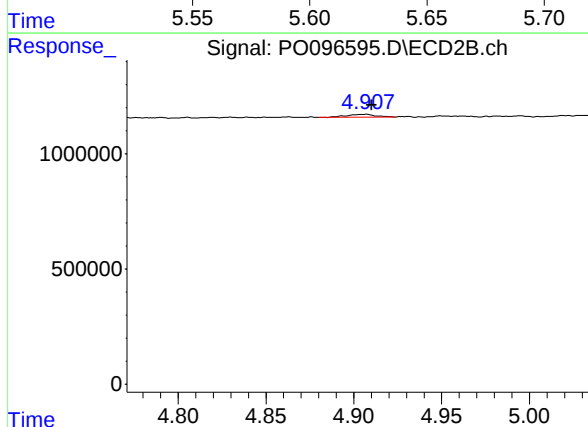
R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



#13 AR-1232-3

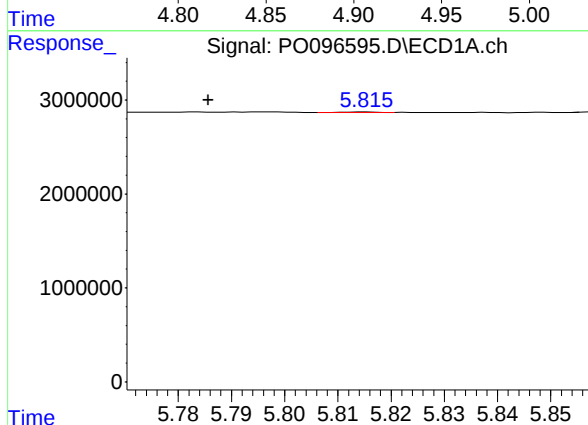
R.T.: 5.625 min
Delta R.T.: 0.002 min
Response: 102150
Conc: 1.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



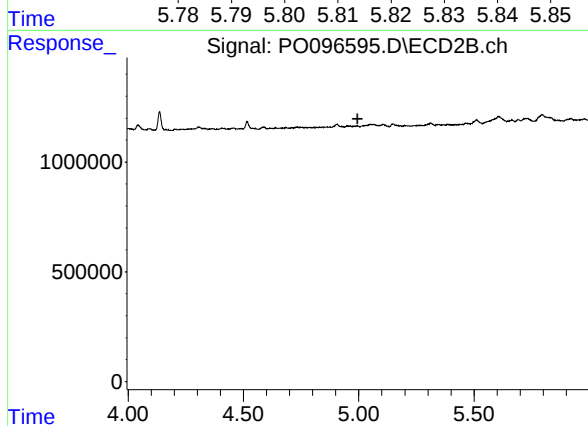
#13 AR-1232-3

R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 135624
Conc: 8.70 ng/ml



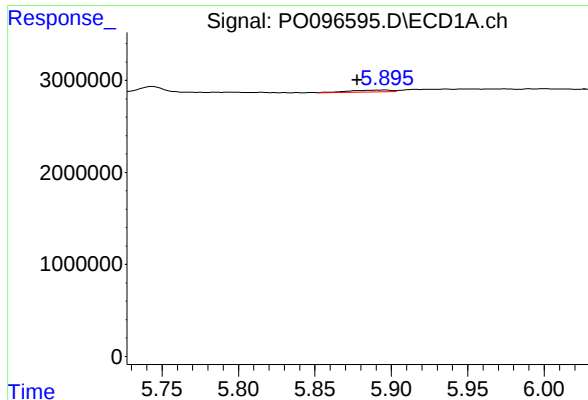
#14 AR-1232-4

R.T.: 5.815 min
Delta R.T.: 0.030 min
Response: 17503
Conc: 0.58 ng/ml



#14 AR-1232-4

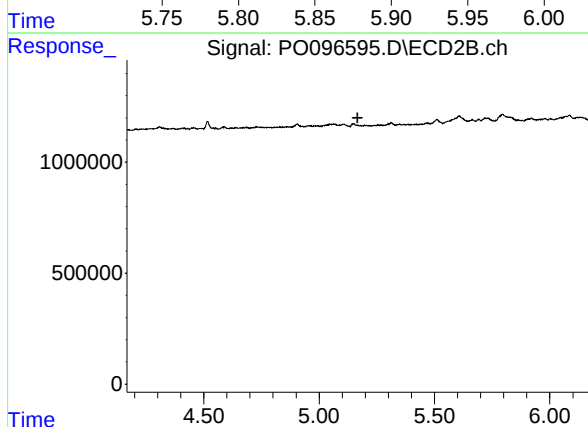
R.T.: 0.000 min
Exp R.T.: 4.995 min
Response: 0
Conc: N.D.



#15 AR-1232-5

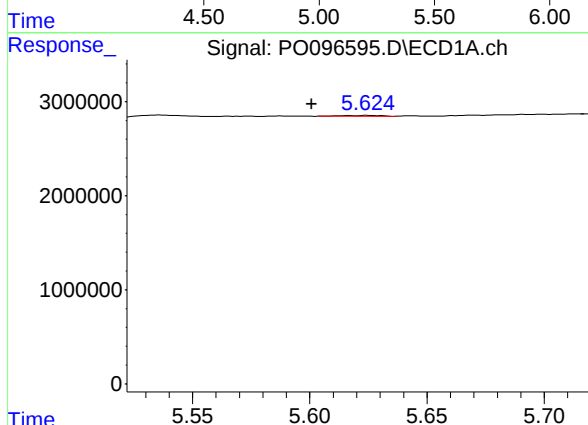
R.T.: 5.896 min
Delta R.T.: 0.018 min
Response: 369325
Conc: 13.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



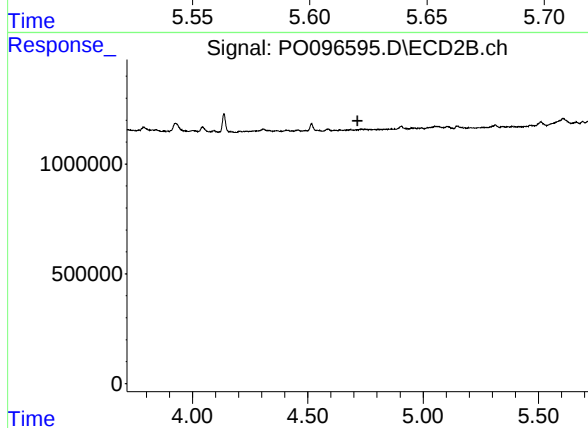
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.166 min
Response: 0
Conc: N.D.



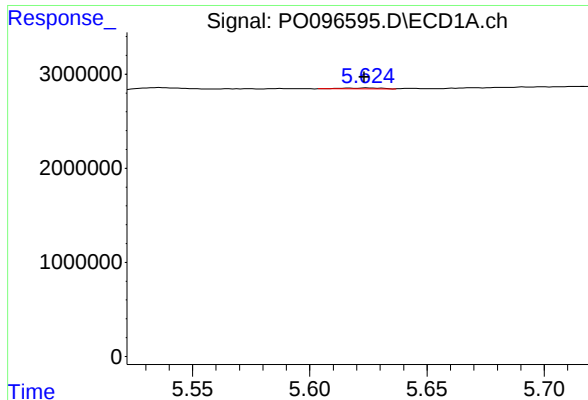
#16 AR-1242-1

R.T.: 5.625 min
Delta R.T.: 0.024 min
Response: 102150
Conc: 1.26 ng/ml



#16 AR-1242-1

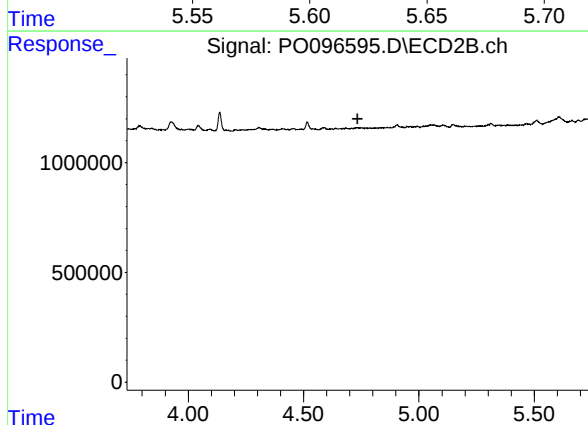
R.T.: 0.000 min
Exp R.T. : 4.715 min
Response: 0
Conc: N.D.



#17 AR-1242-2

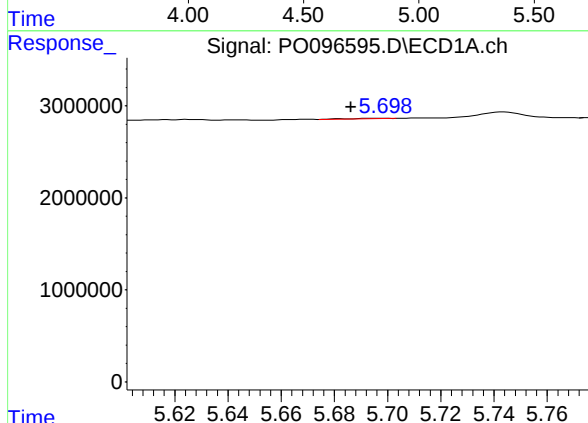
R.T.: 5.625 min
Delta R.T.: 0.002 min
Response: 102150
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



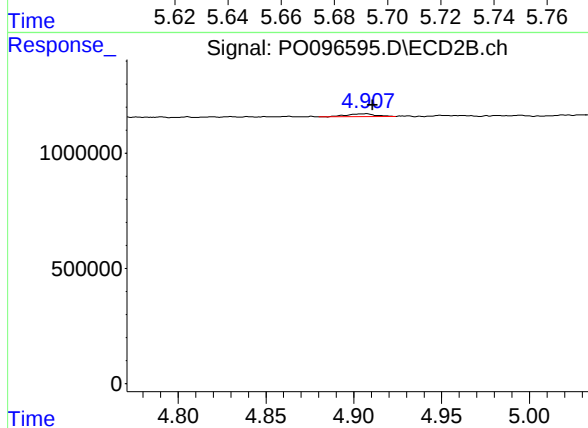
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 4.734 min
Response: 0
Conc: N.D.



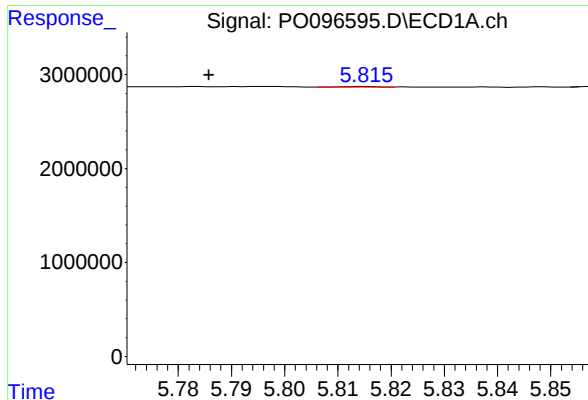
#18 AR-1242-3

R.T.: 5.699 min
Delta R.T.: 0.013 min
Response: 54627
Conc: 0.77 ng/ml



#18 AR-1242-3

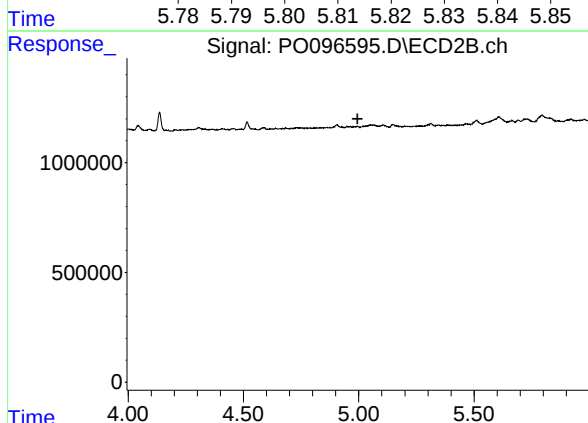
R.T.: 4.907 min
Delta R.T.: -0.004 min
Response: 135624
Conc: 4.61 ng/ml



#19 AR-1242-4

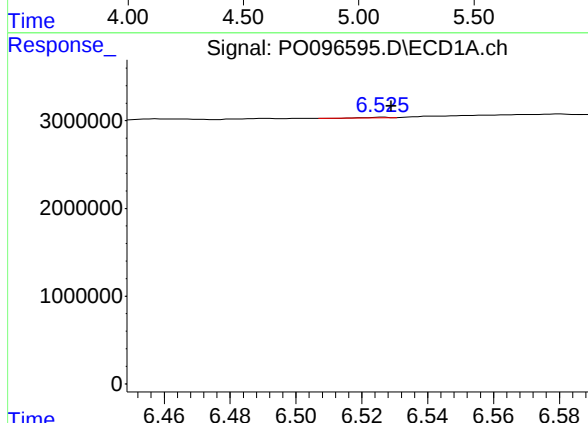
R.T.: 5.815 min
Delta R.T.: 0.029 min
Response: 17503
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



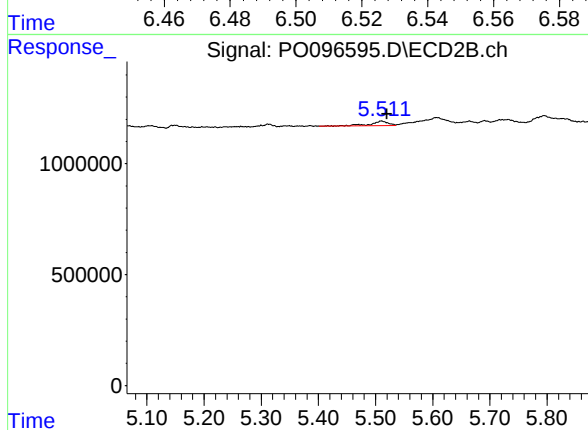
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.995 min
Response: 0
Conc: N.D.



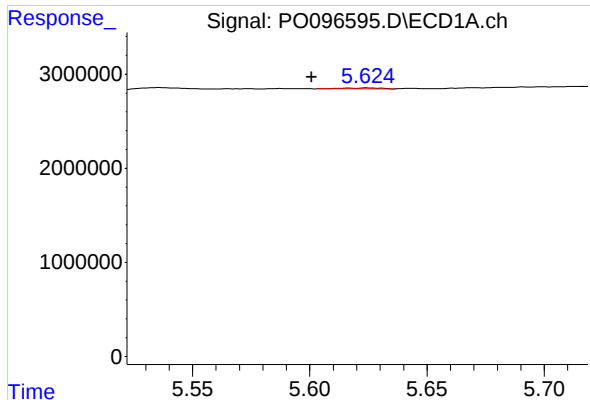
#20 AR-1242-5

R.T.: 6.526 min
Delta R.T.: -0.003 min
Response: 35024
Conc: 0.63 ng/ml



#20 AR-1242-5

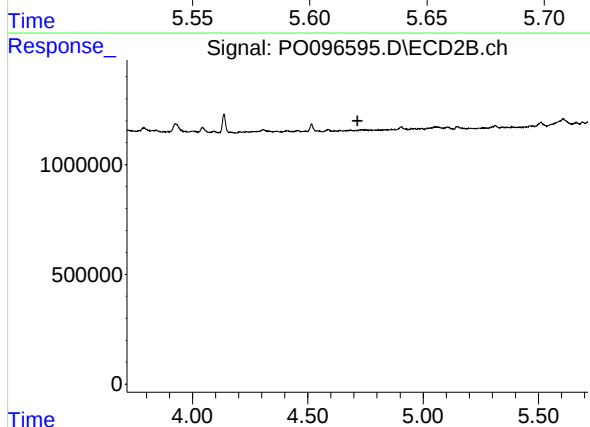
R.T.: 5.510 min
Delta R.T.: -0.010 min
Response: 448930
Conc: 12.44 ng/ml



#21 AR-1248-1

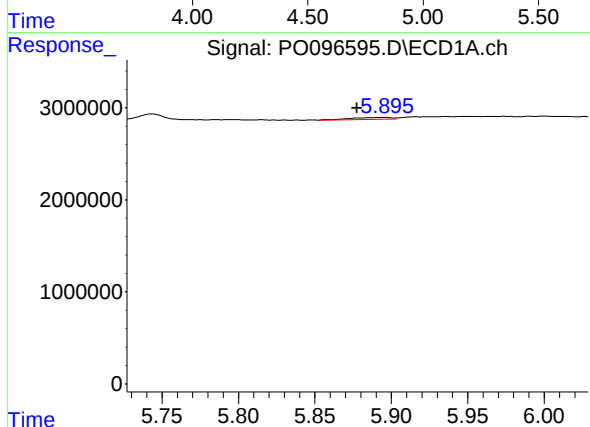
R.T.: 5.625 min
Delta R.T.: 0.024 min
Response: 102150
Conc: 1.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



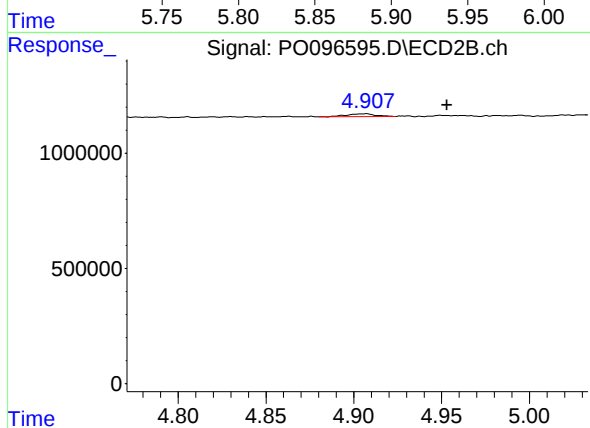
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.



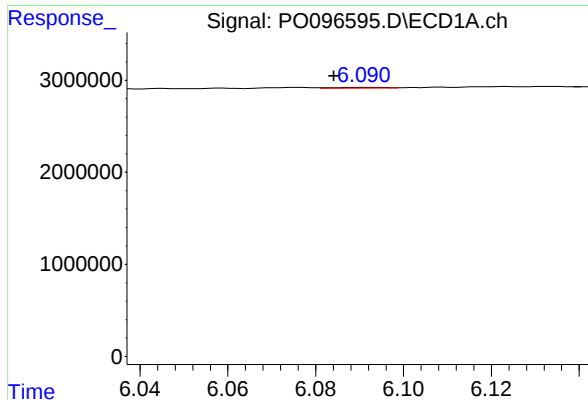
#22 AR-1248-2

R.T.: 5.896 min
Delta R.T.: 0.018 min
Response: 369325
Conc: 3.98 ng/ml



#22 AR-1248-2

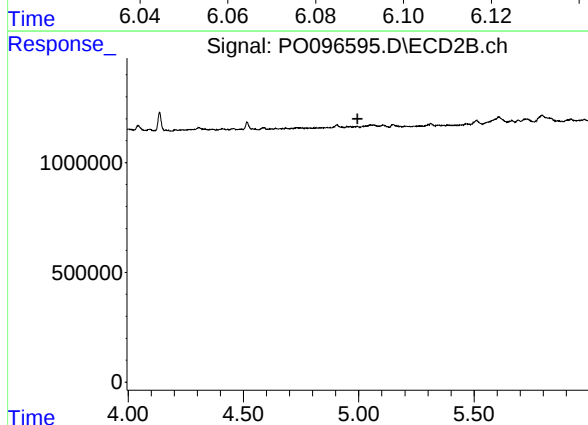
R.T.: 4.907 min
Delta R.T.: -0.047 min
Response: 135624
Conc: 3.22 ng/ml



#23 AR-1248-3

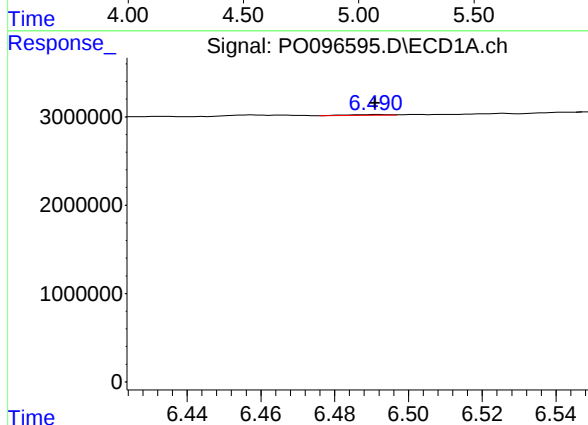
R.T.: 6.092 min
Delta R.T.: 0.008 min
Response: 69267
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



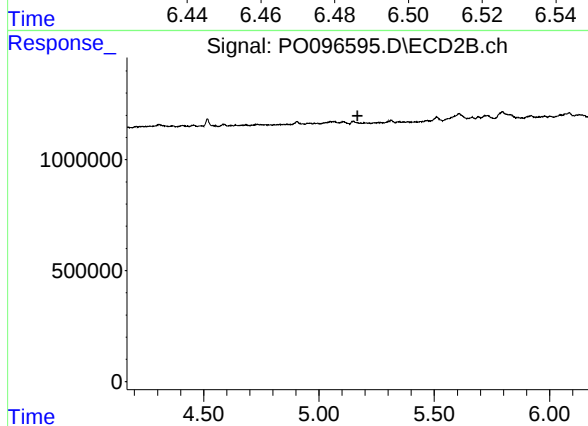
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.995 min
Response: 0
Conc: N.D.



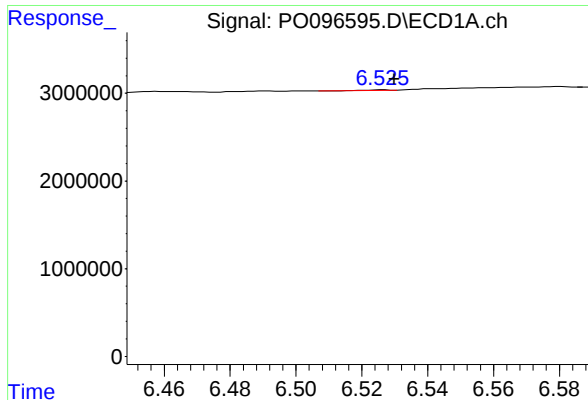
#24 AR-1248-4

R.T.: 6.491 min
Delta R.T.: 0.000 min
Response: 52218
Conc: 0.56 ng/ml



#24 AR-1248-4

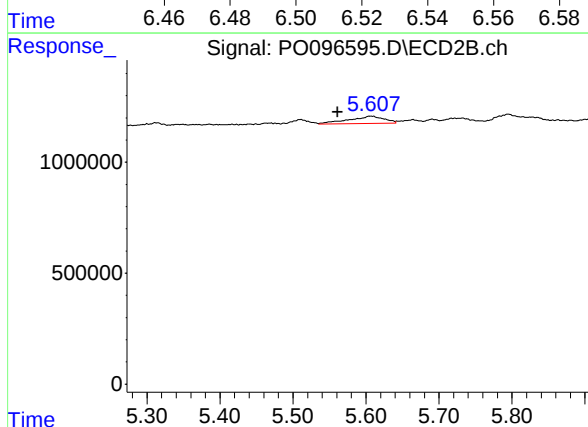
R.T.: 0.000 min
Exp R.T. : 5.167 min
Response: 0
Conc: N.D.



#25 AR-1248-5

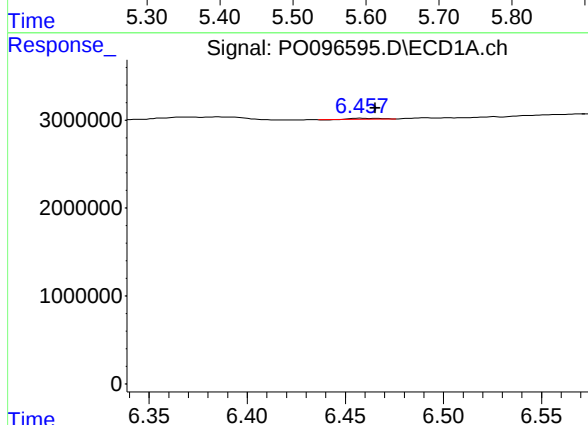
R.T.: 6.526 min
Delta R.T.: -0.004 min
Response: 35024
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



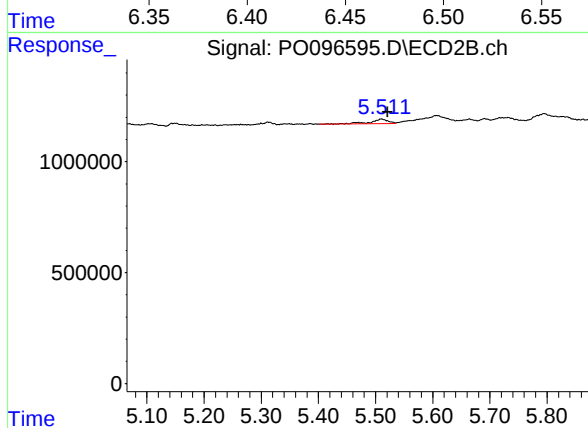
#25 AR-1248-5

R.T.: 5.607 min
Delta R.T.: 0.046 min
Response: 1111516
Conc: 23.68 ng/ml



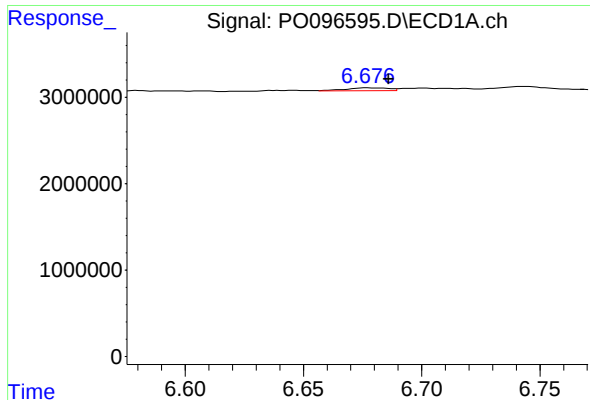
#26 AR-1254-1

R.T.: 6.458 min
Delta R.T.: -0.007 min
Response: 97585
Conc: 0.92 ng/ml



#26 AR-1254-1

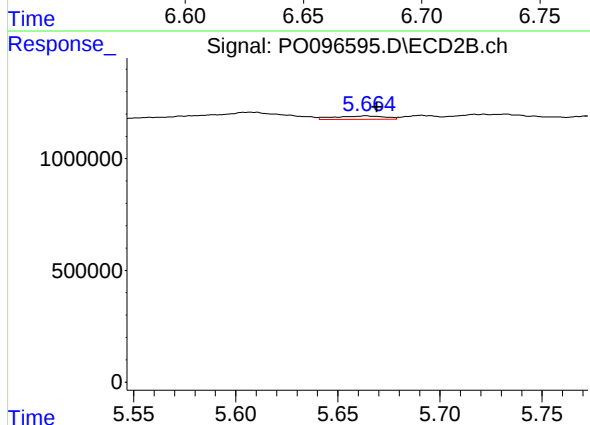
R.T.: 5.510 min
Delta R.T.: -0.011 min
Response: 448930
Conc: 6.11 ng/ml



#27 AR-1254-2

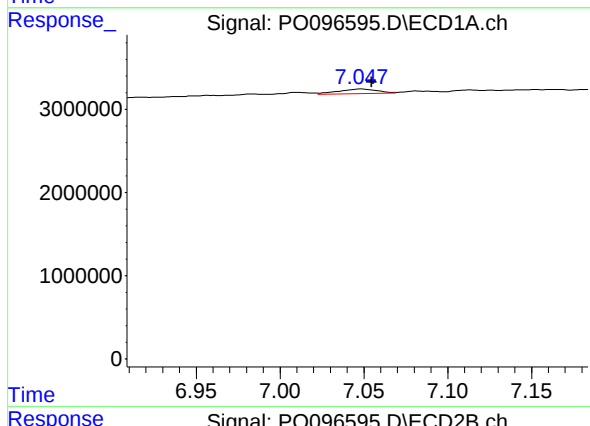
R.T.: 6.677 min
Delta R.T.: -0.009 min
Response: 441565
Conc: 2.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



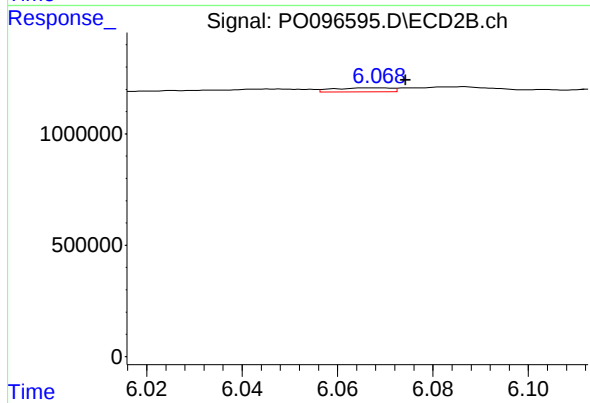
#27 AR-1254-2

R.T.: 5.664 min
Delta R.T.: -0.005 min
Response: 255743
Conc: 3.92 ng/ml



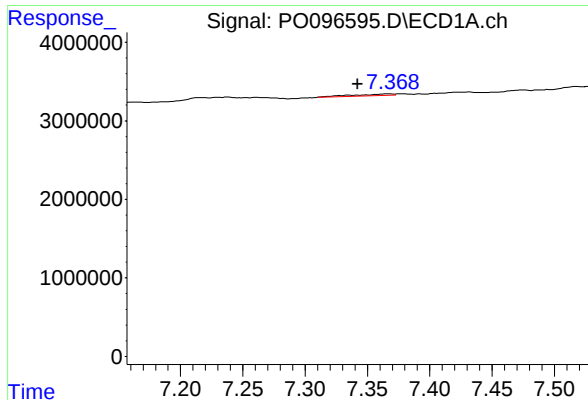
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 920961
Conc: 6.03 ng/ml



#28 AR-1254-3

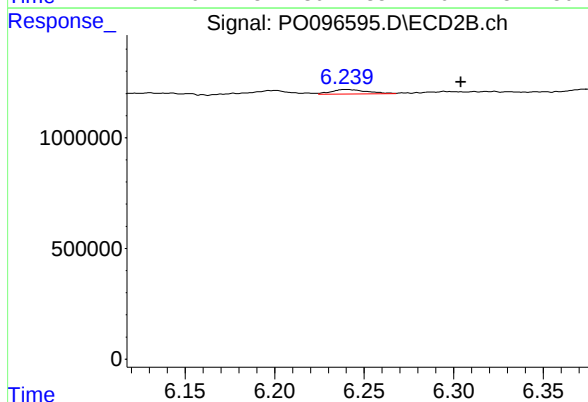
R.T.: 6.068 min
Delta R.T.: -0.006 min
Response: 151647
Conc: 1.50 ng/ml



#29 AR-1254-4

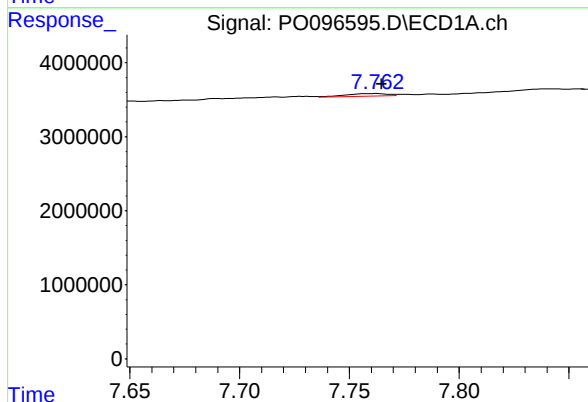
R.T.: 7.368 min
Delta R.T.: 0.026 min
Response: 414400
Conc: 4.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



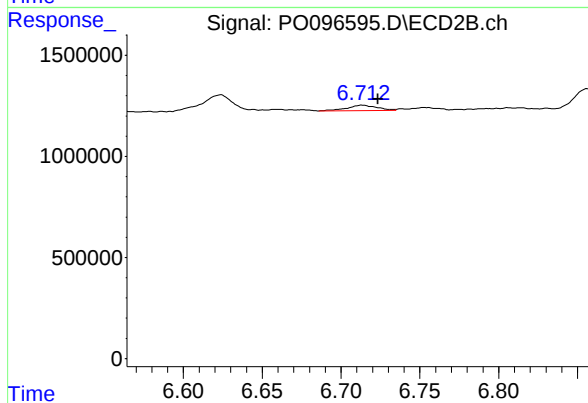
#29 AR-1254-4

R.T.: 6.240 min
Delta R.T.: -0.064 min
Response: 280007
Conc: 4.69 ng/ml



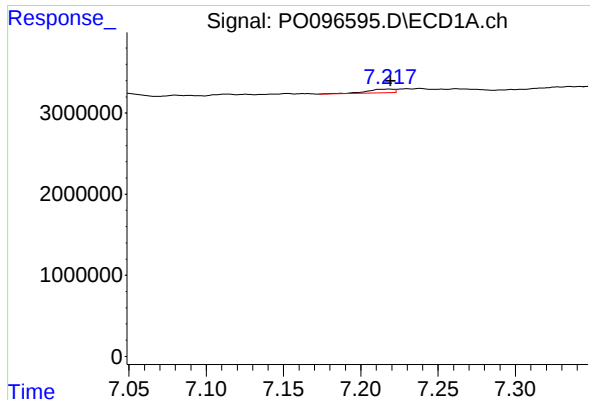
#30 AR-1254-5

R.T.: 7.761 min
Delta R.T.: -0.003 min
Response: 453928
Conc: 4.12 ng/ml



#30 AR-1254-5

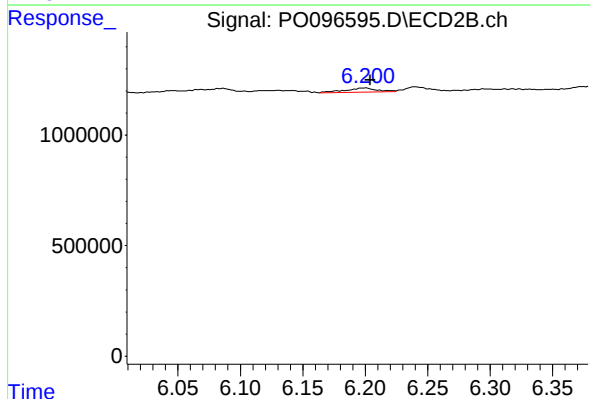
R.T.: 6.713 min
Delta R.T.: -0.010 min
Response: 341510
Conc: 3.93 ng/ml



#31 AR-1260-1

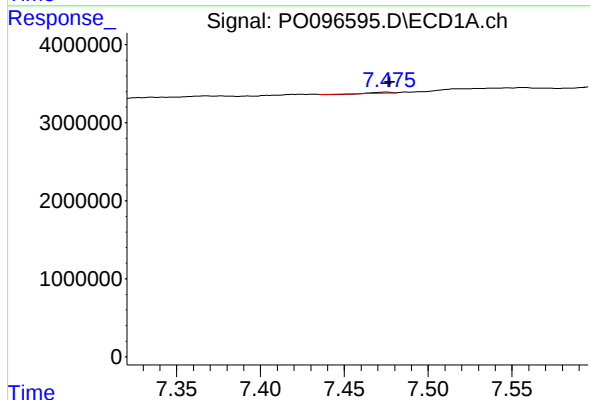
R.T.: 7.218 min
Delta R.T.: -0.001 min
Response: 543926
Conc: 4.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



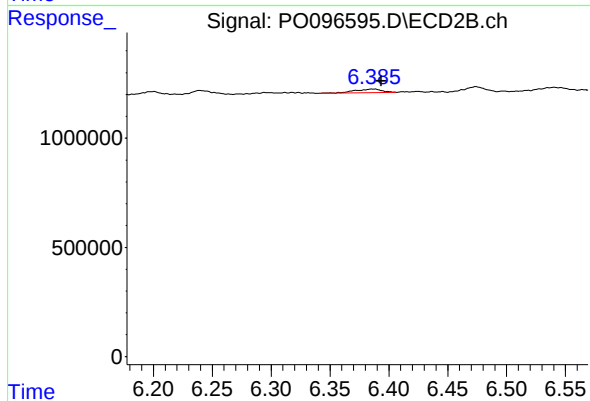
#31 AR-1260-1

R.T.: 6.200 min
Delta R.T.: -0.004 min
Response: 338185
Conc: 4.64 ng/ml



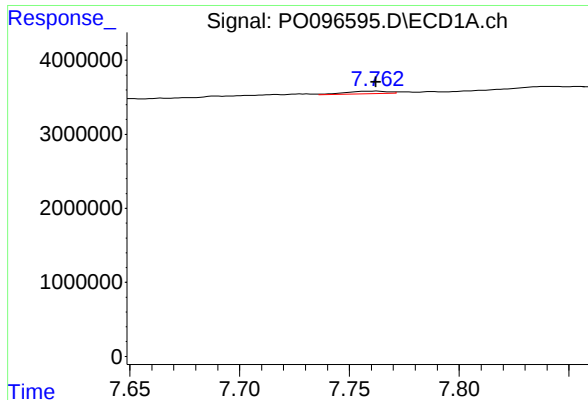
#32 AR-1260-2

R.T.: 7.475 min
Delta R.T.: -0.002 min
Response: 19423
Conc: 0.14 ng/ml



#32 AR-1260-2

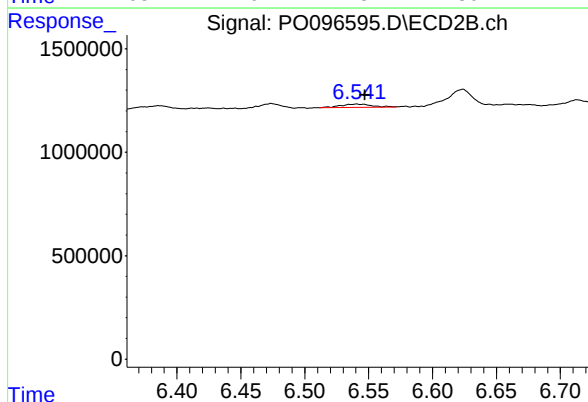
R.T.: 6.386 min
Delta R.T.: -0.007 min
Response: 267664
Conc: 3.10 ng/ml



#33 AR-1260-3

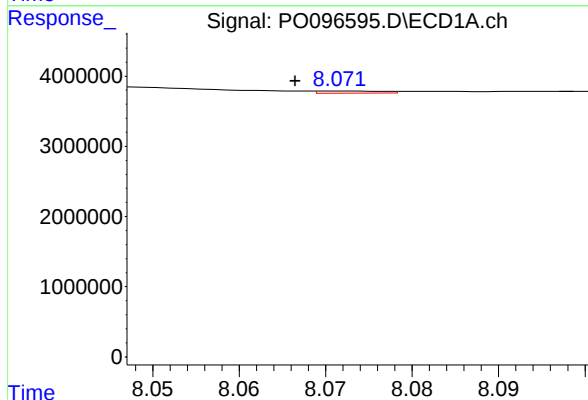
R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 453928
Conc: 2.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



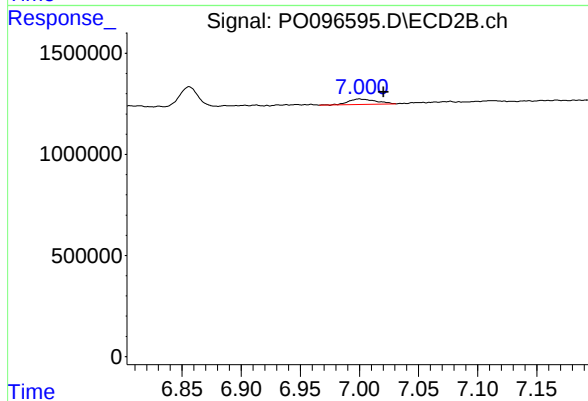
#33 AR-1260-3

R.T.: 6.540 min
Delta R.T.: -0.007 min
Response: 267802
Conc: 3.35 ng/ml



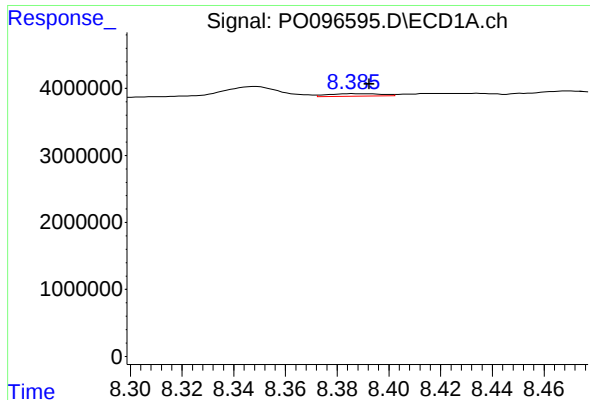
#34 AR-1260-4

R.T.: 8.072 min
Delta R.T.: 0.006 min
Response: 162167
Conc: 1.33 ng/ml



#34 AR-1260-4

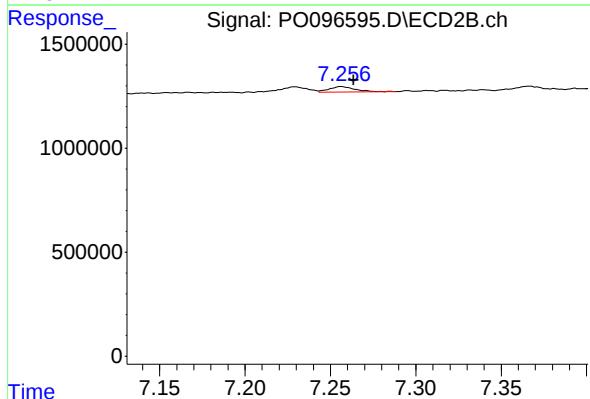
R.T.: 7.000 min
Delta R.T.: -0.021 min
Response: 432439
Conc: 6.62 ng/ml



#35 AR-1260-5

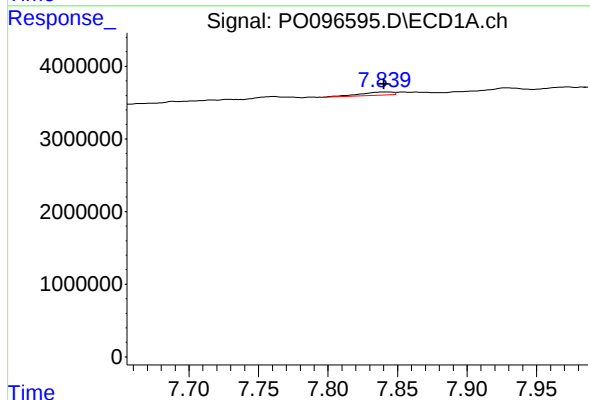
R.T.: 8.386 min
Delta R.T.: -0.007 min
Response: 567316
Conc: 2.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



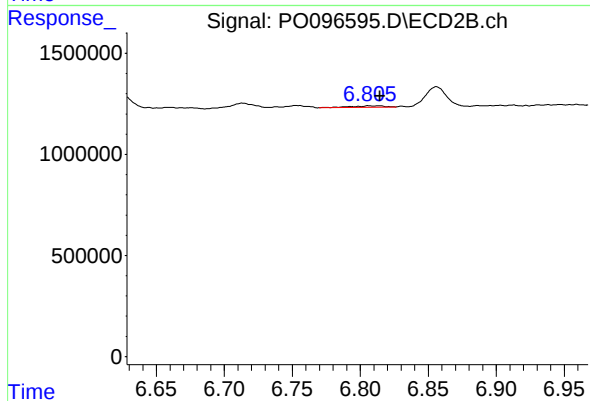
#35 AR-1260-5

R.T.: 7.257 min
Delta R.T.: -0.007 min
Response: 282928
Conc: 2.00 ng/ml



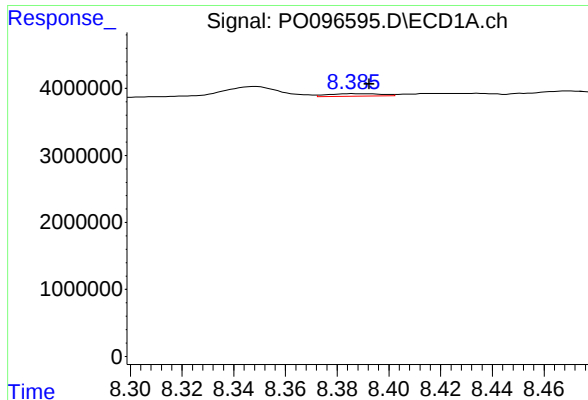
#36 AR-1262-1

R.T.: 7.840 min
Delta R.T.: 0.000 min
Response: 665686
Conc: 4.51 ng/ml



#36 AR-1262-1

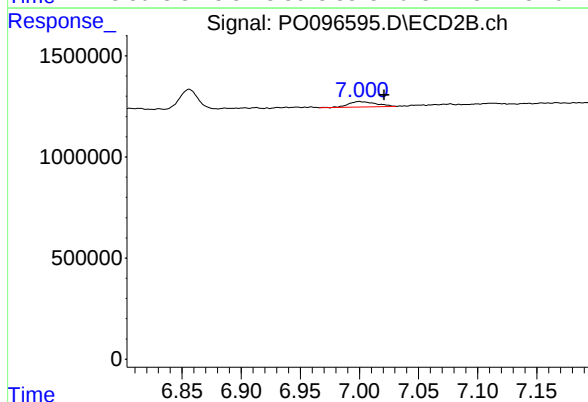
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 132983
Conc: 3.38 ng/ml



#37 AR-1262-2

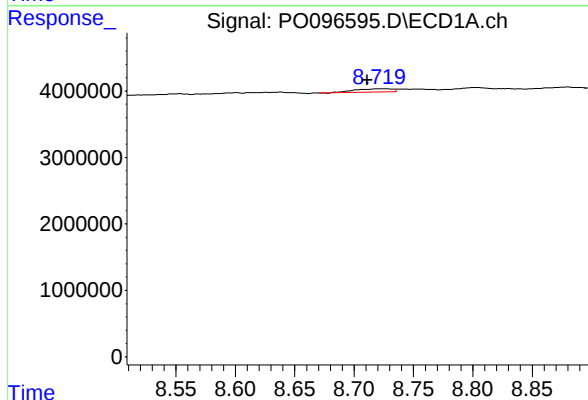
R.T.: 8.386 min
Delta R.T.: -0.007 min
Response: 567316
Conc: 2.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



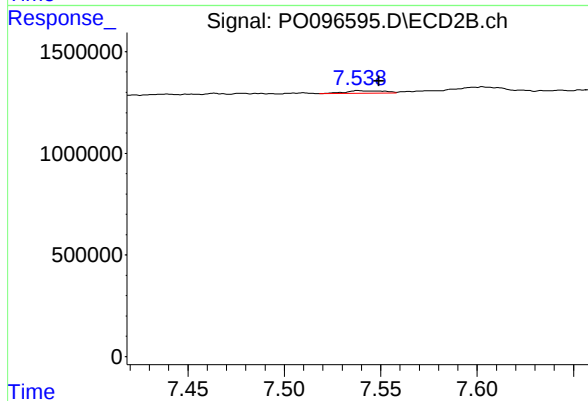
#37 AR-1262-2

R.T.: 7.000 min
Delta R.T.: -0.021 min
Response: 432439
Conc: 5.30 ng/ml



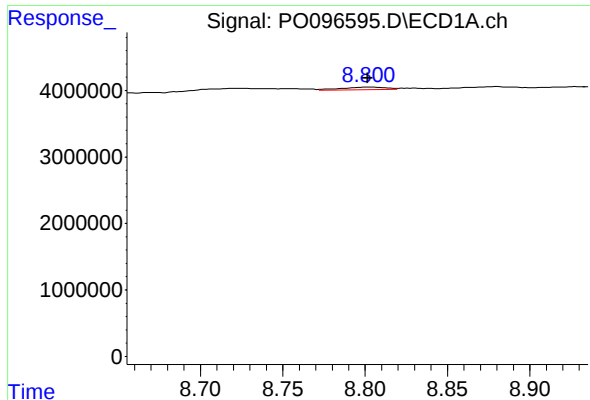
#38 AR-1262-3

R.T.: 8.726 min
Delta R.T.: 0.015 min
Response: 1050457
Conc: 6.32 ng/ml



#38 AR-1262-3

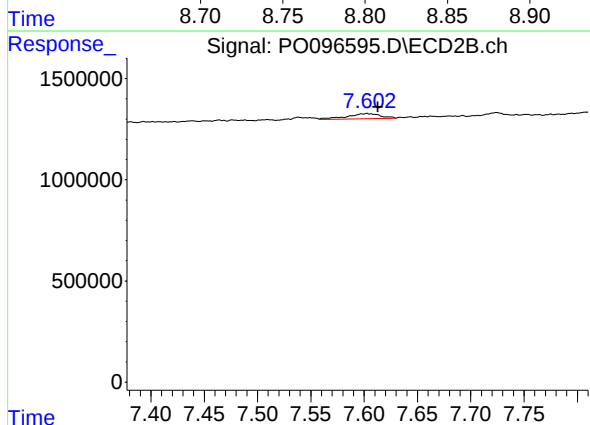
R.T.: 7.538 min
Delta R.T.: -0.011 min
Response: 173644
Conc: 2.71 ng/ml



#39 AR-1262-4

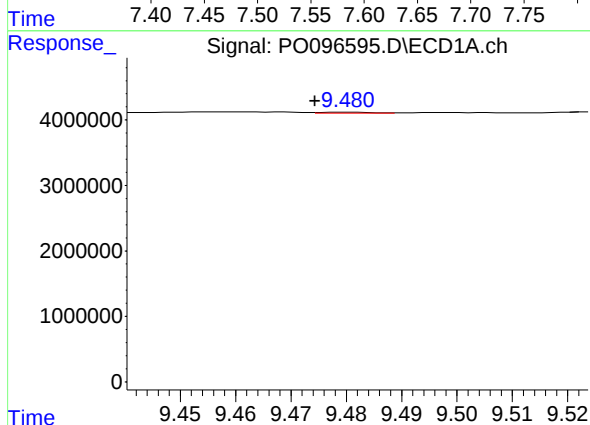
R.T.: 8.801 min
Delta R.T.: 0.000 min
Response: 713986
Conc: 5.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



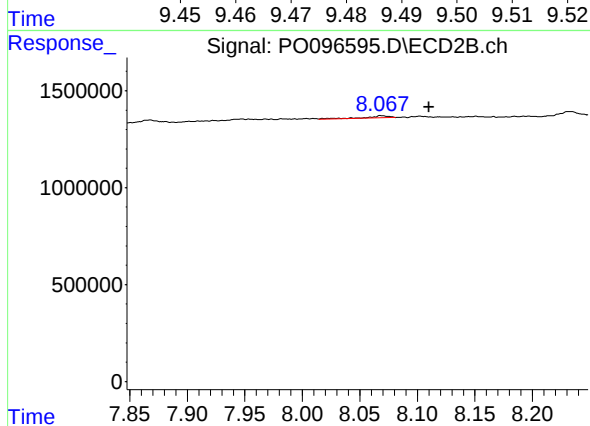
#39 AR-1262-4

R.T.: 7.603 min
Delta R.T.: -0.010 min
Response: 550896
Conc: 4.86 ng/ml



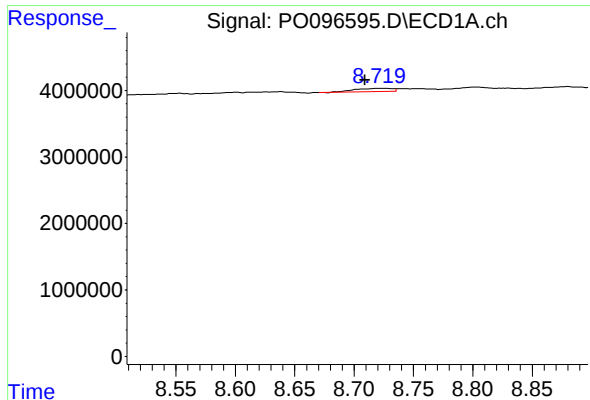
#40 AR-1262-5

R.T.: 9.480 min
Delta R.T.: 0.006 min
Response: 81224
Conc: 0.95 ng/ml



#40 AR-1262-5

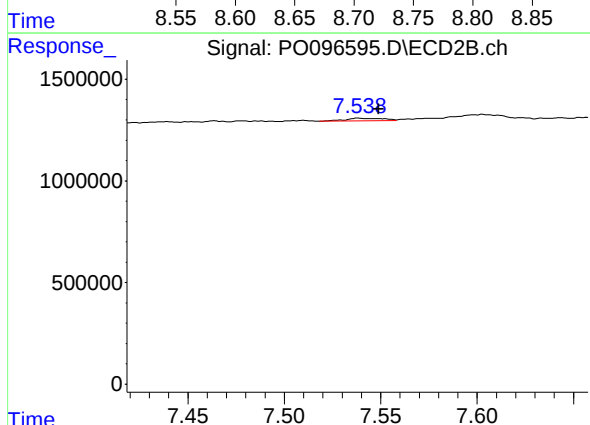
R.T.: 8.069 min
Delta R.T.: -0.041 min
Response: 168217
Conc: 3.23 ng/ml



#41 AR-1268-1

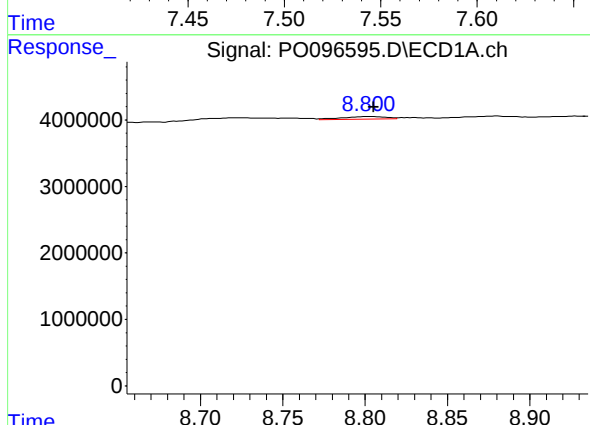
R.T.: 8.726 min
Delta R.T.: 0.017 min
Response: 1050457
Conc: 3.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



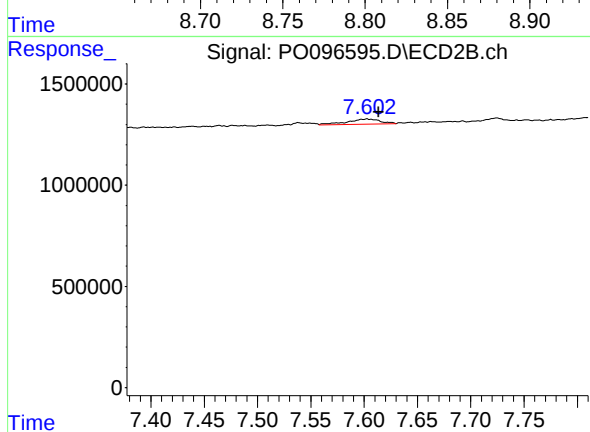
#41 AR-1268-1

R.T.: 7.538 min
Delta R.T.: -0.010 min
Response: 173644
Conc: 0.93 ng/ml



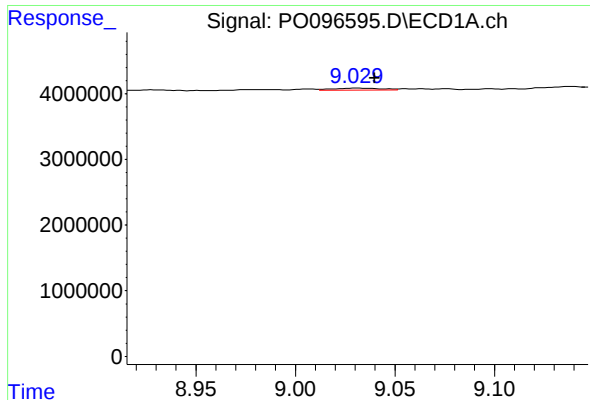
#42 AR-1268-2

R.T.: 8.801 min
Delta R.T.: -0.004 min
Response: 713986
Conc: 2.67 ng/ml



#42 AR-1268-2

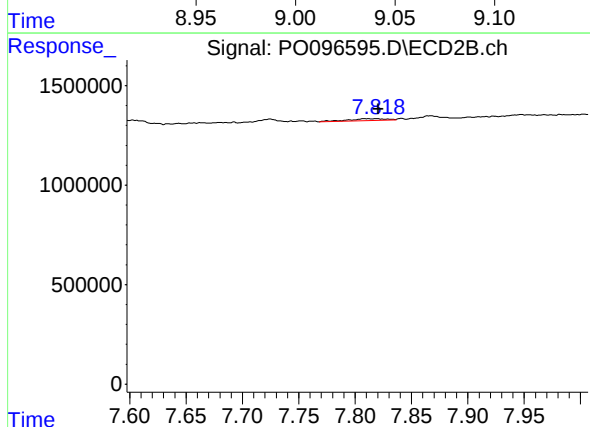
R.T.: 7.603 min
Delta R.T.: -0.011 min
Response: 550896
Conc: 3.27 ng/ml



#43 AR-1268-3

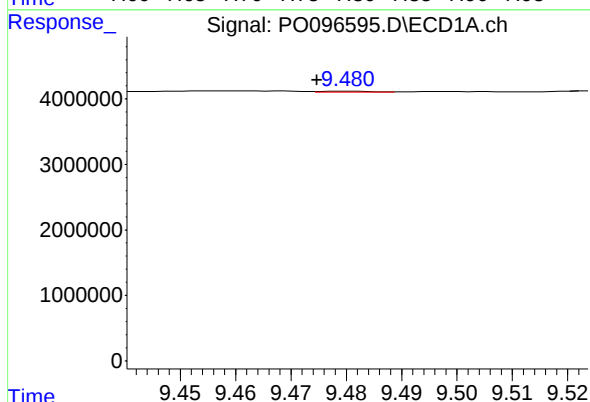
R.T.: 9.030 min
Delta R.T.: -0.010 min
Response: 468165
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



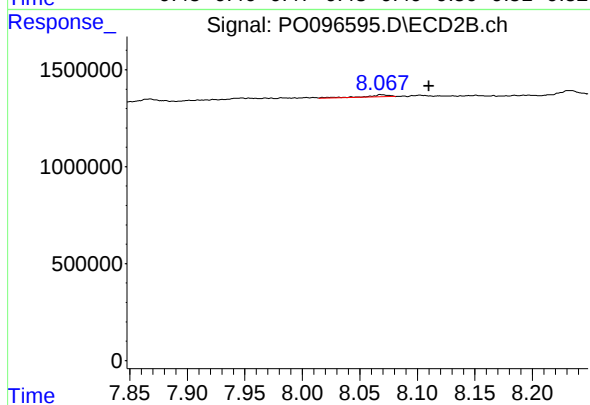
#43 AR-1268-3

R.T.: 7.819 min
Delta R.T.: -0.001 min
Response: 230097
Conc: 1.57 ng/ml



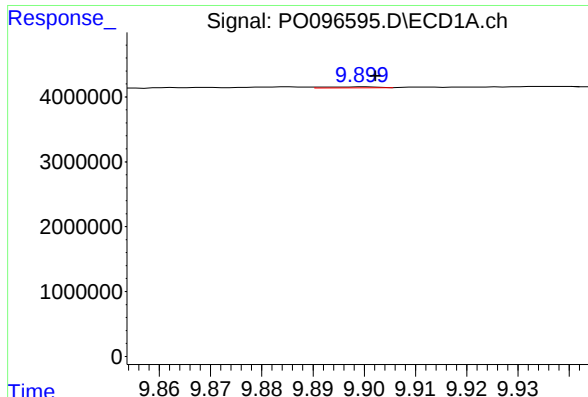
#44 AR-1268-4

R.T.: 9.480 min
Delta R.T.: 0.005 min
Response: 81224
Conc: 0.88 ng/ml



#44 AR-1268-4

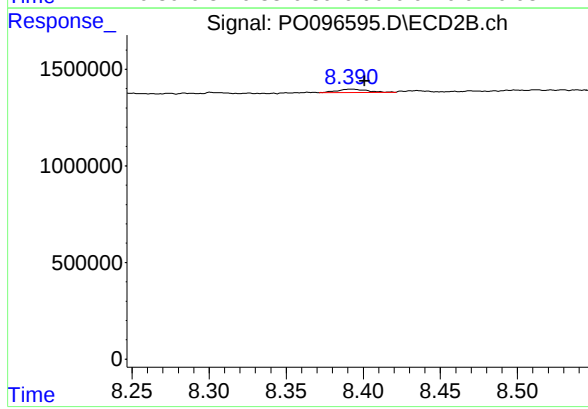
R.T.: 8.069 min
Delta R.T.: -0.041 min
Response: 168217
Conc: 2.83 ng/ml



#45 AR-1268-5

R.T.: 9.899 min
Delta R.T.: -0.003 min
Response: 121097
Conc: 0.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.392 min
Delta R.T.: -0.008 min
Response: 216360
Conc: 0.50 ng/ml