

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081123\
 Data File : P0096985.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 19:55
 Operator : YP/AJ
 Sample : 03971-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 WC-PP01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:01:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.411	3.617	50406727	20960202	15.228	15.833
2) SA Decachlor...	10.353	8.637	29312927	15121800	13.396	13.071
Target Compounds						
3) L1 AR-1016-1	5.592	4.716	103989	110869	1.104	2.501 #
4) L1 AR-1016-2	5.620	4.716	160141	110869	1.197	1.812 #
5) L1 AR-1016-3	5.697	0.000	74295	0	0.854	N.D. #
6) L1 AR-1016-4	5.746	0.000	261087	0	3.887	N.D. #
7) L1 AR-1016-5	6.085	5.140	-143673	228576	N.D.	5.945 #
8) L2 AR-1221-1	4.622	3.904f	2890740	1513108	70.930	87.175
9) L2 AR-1221-2	4.690	3.904	36757	1513108	1.210	117.107 #
10) L2 AR-1221-3	4.788	0.000	13939	0	0.159	N.D. #
11) L3 AR-1232-1	4.788	0.000	13939	0	0.191	N.D. #
12) L3 AR-1232-2	5.320	4.716	25576	110869	0.645	3.843 #
13) L3 AR-1232-3	5.620	0.000	160141	0	2.618	N.D. #
14) L3 AR-1232-4	5.746	0.000	261087	0	8.556	N.D. #
15) L3 AR-1232-5	0.000	5.140	0	228576	N.D.	13.983 #
16) L4 AR-1242-1	5.592	4.716	103989	110869	1.241	2.812 #
17) L4 AR-1242-2	5.620	4.716	160141	110869	1.360	2.035 #
18) L4 AR-1242-3	5.697	0.000	74295	0	1.006	N.D. #
19) L4 AR-1242-4	5.746	0.000	261087	0	4.386	N.D. #
20) L4 AR-1242-5	6.506	5.498	63272	175369	1.150	4.813 #
21) L5 AR-1248-1	5.592	4.716	103989	110869	1.775	3.951 #
24) L5 AR-1248-4	6.488	5.140	30293	228576	0.333	4.478 #
25) L5 AR-1248-5	6.506	5.594f	63272	1381770	0.718	29.555 #
26) L6 AR-1254-1	6.469	5.498	17879	175369	0.164	2.376 #
27) L6 AR-1254-2	6.691	5.684	741839	153689	4.601	2.333 #
28) L6 AR-1254-3	7.083	6.054	1141665	230929	7.286	2.285 #
29) L6 AR-1254-4	7.341	6.232f	139308	129274	1.382	2.234 #
30) L6 AR-1254-5	7.797	6.710	854316	612685	7.613	6.969
31) L7 AR-1260-1	7.204	6.232f	56758	129274	0.452	1.837 #
32) L7 AR-1260-2	7.496	6.379	1549054	182377	11.497	2.185 #
33) L7 AR-1260-3	7.877	0.000	392328	0	3.781	N.D. #
34) L7 AR-1260-4	8.087	6.989	2109923	903732	18.872	14.103 #
35) L7 AR-1260-5	8.434	7.250	216469	134572	1.031	0.971
36) L8 AR-1262-1	7.877	6.792	392328	167955	2.641	4.266 #
37) L8 AR-1262-2	8.434	6.989	216469	903732	0.935	11.143 #
38) L8 AR-1262-3	8.759	7.537	112264	82262	0.673	1.282 #
39) L8 AR-1262-4	8.867	7.600	424036	289687	5.816	2.550 #
40) L8 AR-1262-5	9.507	8.060f	10189495	96086	122.355	1.830 #
41) L9 AR-1268-1	8.759	7.537	112264	82262	0.365	0.444
42) L9 AR-1268-2	8.867	7.600	424036	289687	1.546	1.728
43) L9 AR-1268-3	9.117	7.807	963291	126611	3.772	0.876 #

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Integration File signal 1: autoint1.e
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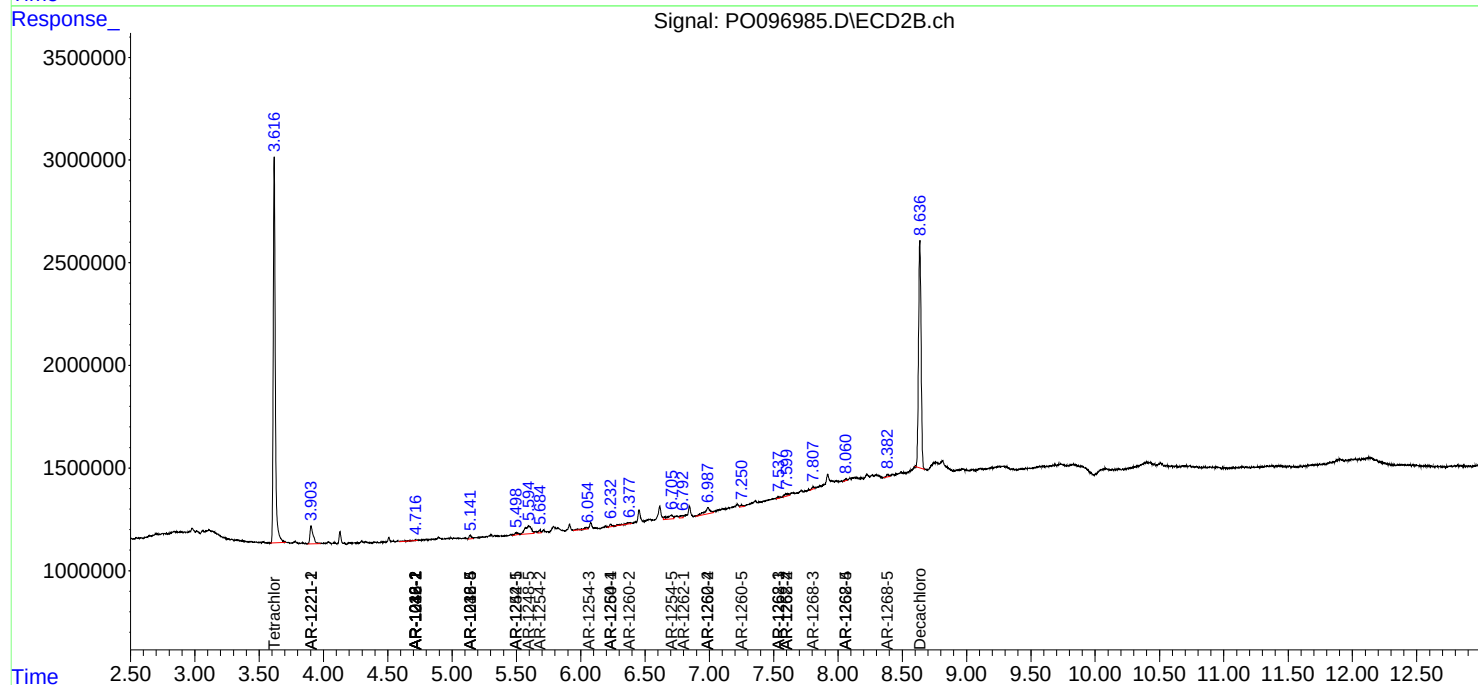
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

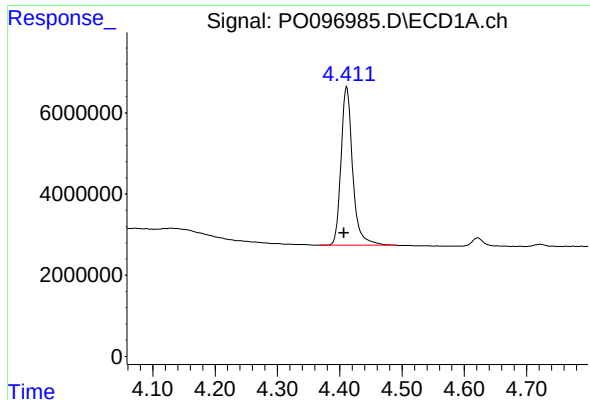
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44)	L9 AR-1268-4	9.507f	8.060f	10189495	96086	109.904	1.613 #
45)	L9 AR-1268-5	9.975	8.383	1991403	134597	2.465	0.324 #

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

Instrument :
ECD_O
ClientSampleId :
WC-PP01

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

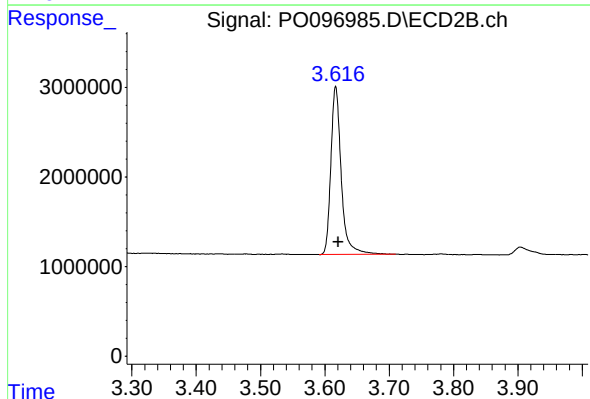




#1 Tetrachloro-m-xylene

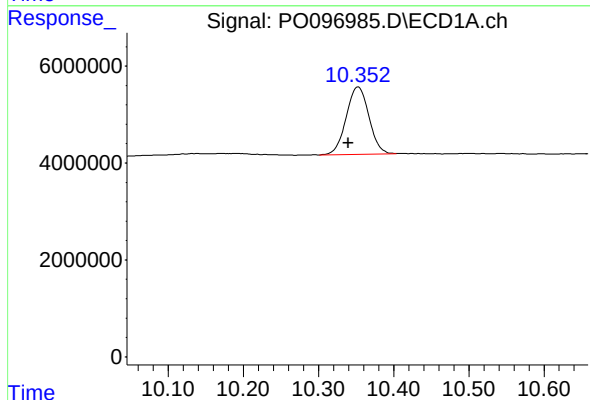
R.T.: 4.411 min
Delta R.T.: 0.004 min
Response: 50406727
Conc: 15.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



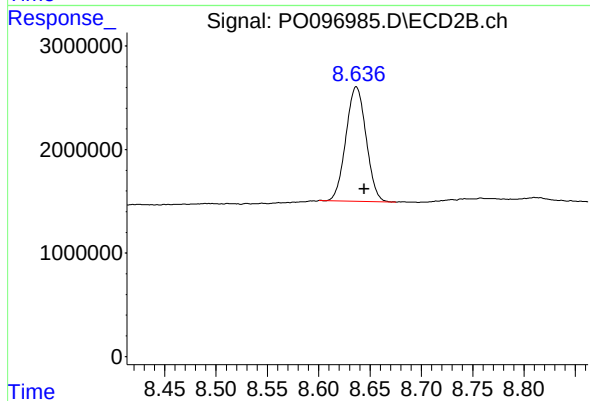
#1 Tetrachloro-m-xylene

R.T.: 3.617 min
Delta R.T.: -0.004 min
Response: 20960202
Conc: 15.83 ng/ml



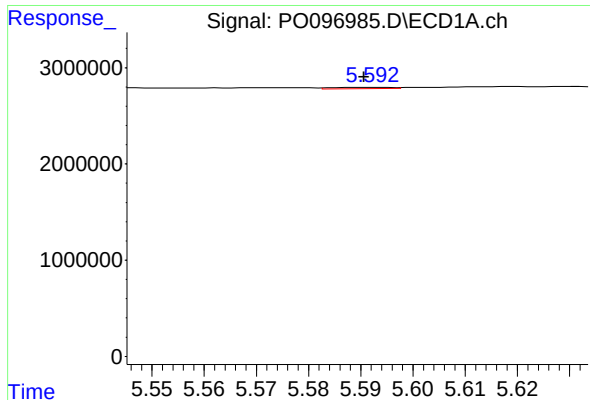
#2 Decachlorobiphenyl

R.T.: 10.353 min
Delta R.T.: 0.013 min
Response: 29312927
Conc: 13.40 ng/ml



#2 Decachlorobiphenyl

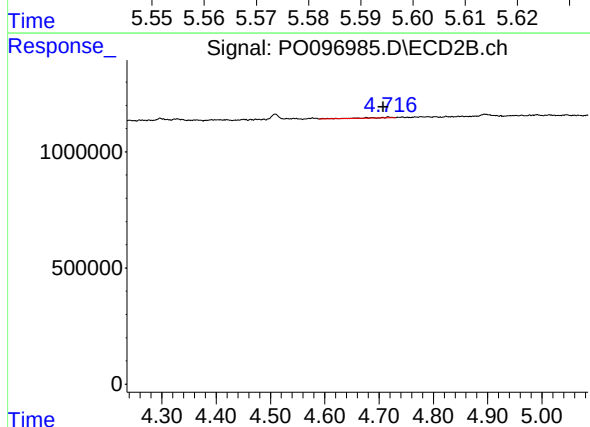
R.T.: 8.637 min
Delta R.T.: -0.008 min
Response: 15121800
Conc: 13.07 ng/ml



#3 AR-1016-1

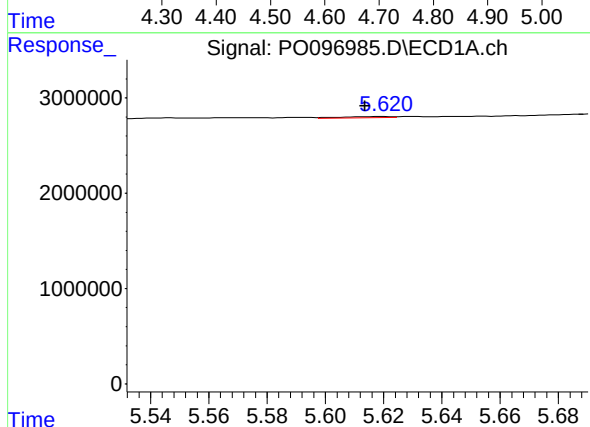
R.T.: 5.592 min
Delta R.T.: 0.001 min
Response: 103989
Conc: 1.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



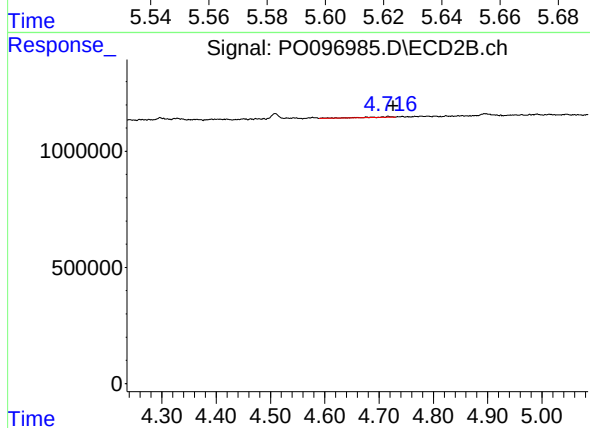
#3 AR-1016-1

R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 110869
Conc: 2.50 ng/ml



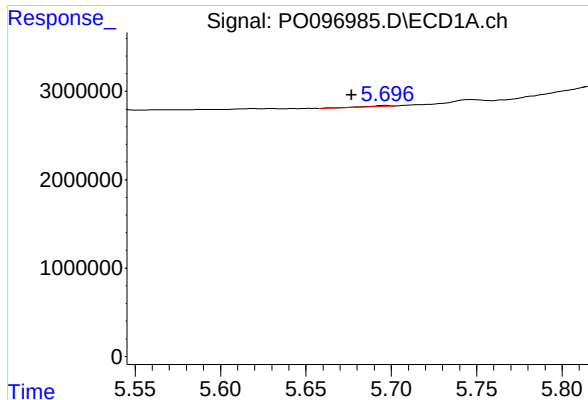
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 160141
Conc: 1.20 ng/ml



#4 AR-1016-2

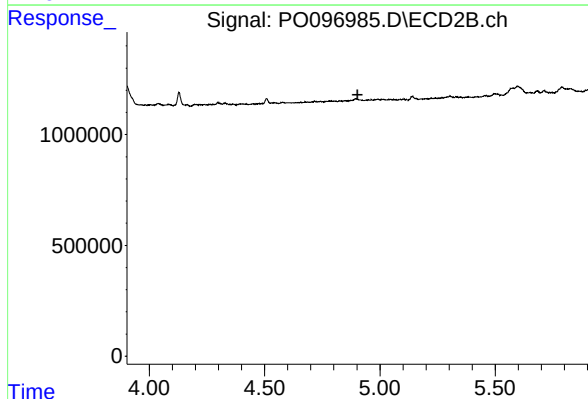
R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 110869
Conc: 1.81 ng/ml



#5 AR-1016-3

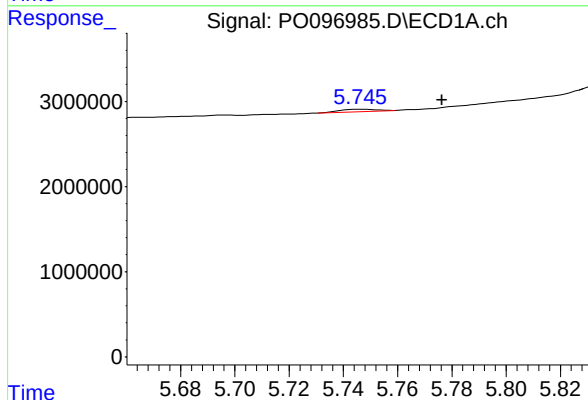
R.T.: 5.697 min
Delta R.T.: 0.020 min
Response: 74295
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



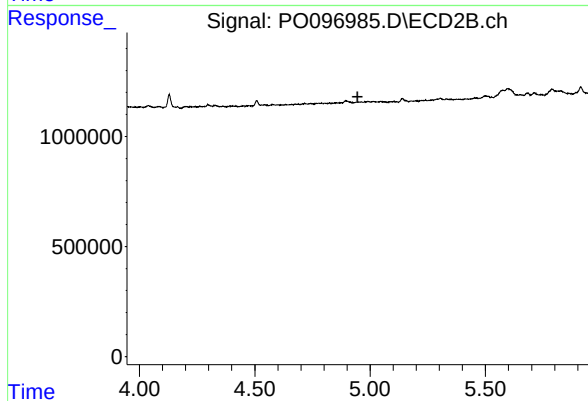
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



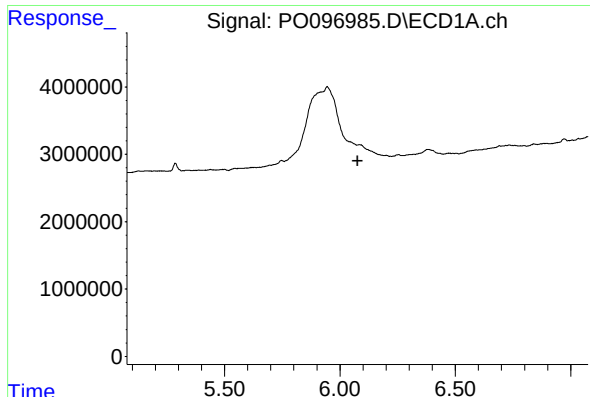
#6 AR-1016-4

R.T.: 5.746 min
Delta R.T.: -0.030 min
Response: 261087
Conc: 3.89 ng/ml



#6 AR-1016-4

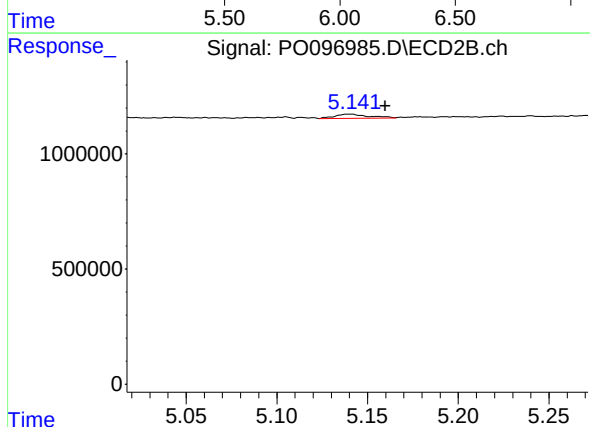
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#7 AR-1016-5

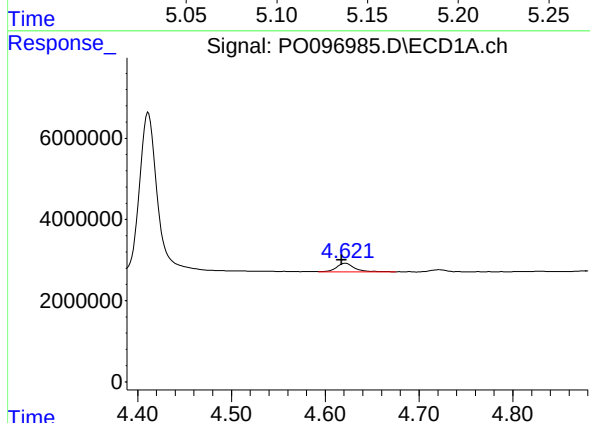
R.T.: 6.085 min
Delta R.T.: 0.009 min
Response: -143673
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
WC-PP01



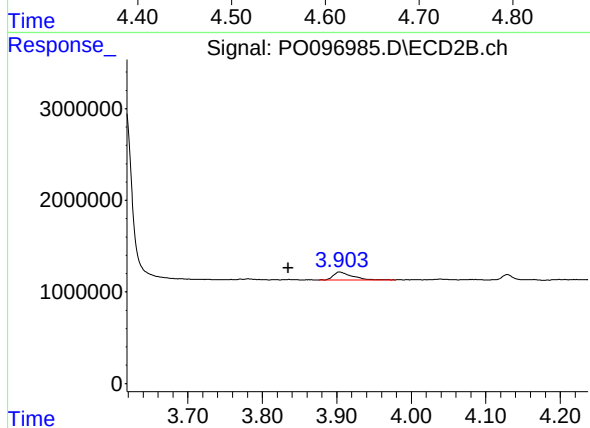
#7 AR-1016-5

R.T.: 5.140 min
Delta R.T.: -0.019 min
Response: 228576
Conc: 5.95 ng/ml



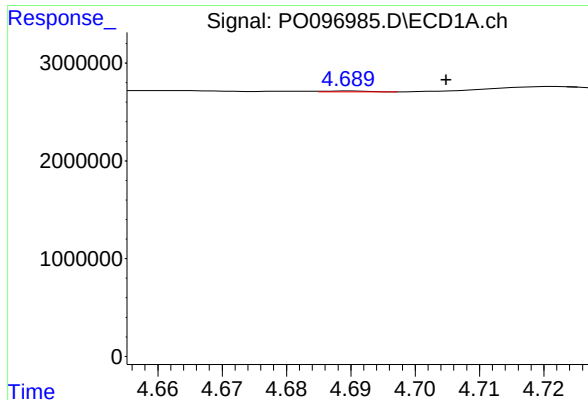
#8 AR-1221-1

R.T.: 4.622 min
Delta R.T.: 0.004 min
Response: 2890740
Conc: 70.93 ng/ml



#8 AR-1221-1

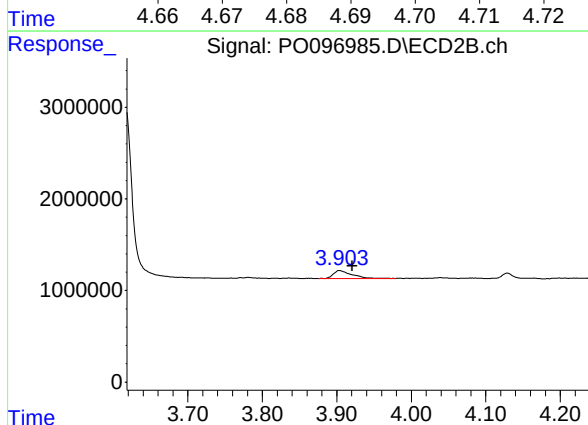
R.T.: 3.904 min
Delta R.T.: 0.069 min
Response: 1513108
Conc: 87.18 ng/ml



#9 AR-1221-2

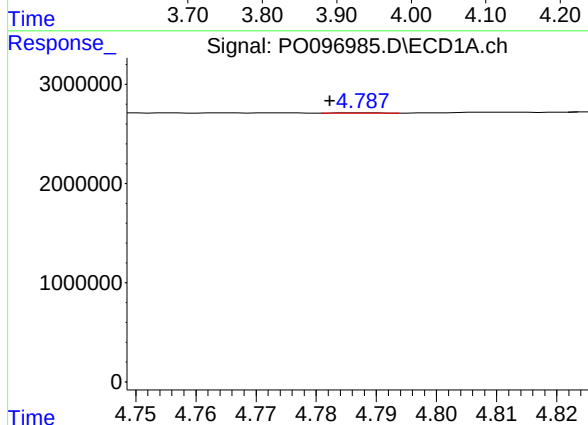
R.T.: 4.690 min
Delta R.T.: -0.015 min
Response: 36757
Conc: 1.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



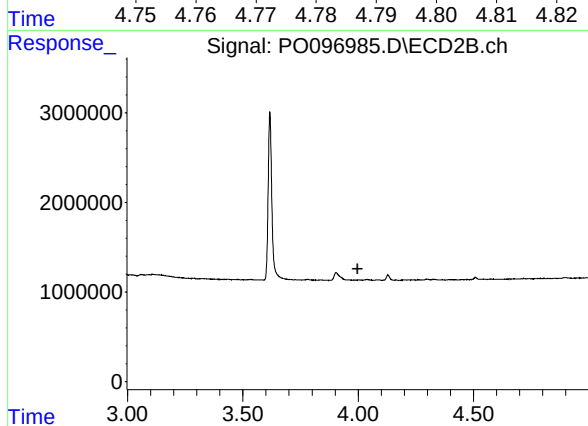
#9 AR-1221-2

R.T.: 3.904 min
Delta R.T.: -0.017 min
Response: 1513108
Conc: 117.11 ng/ml



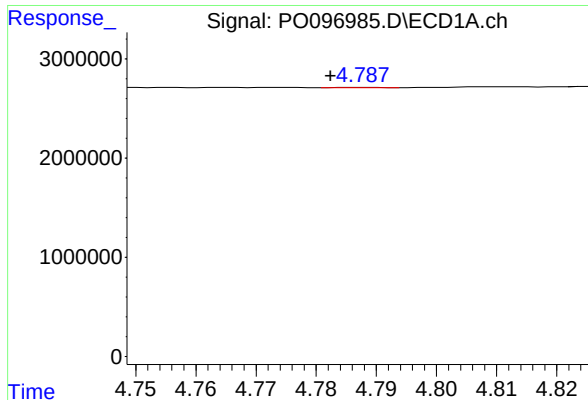
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: 0.006 min
Response: 13939
Conc: 0.16 ng/ml



#10 AR-1221-3

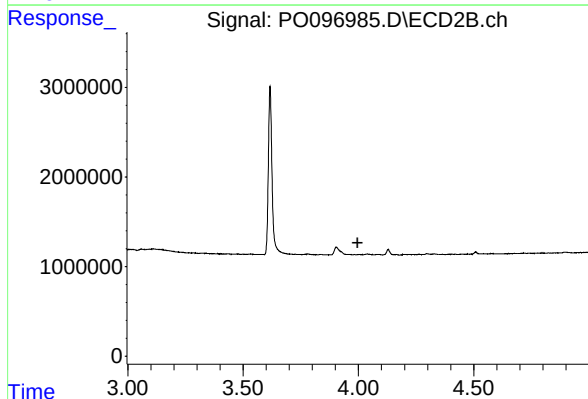
R.T.: 0.000 min
Exp R.T.: 3.997 min
Response: 0
Conc: N.D.



#11 AR-1232-1

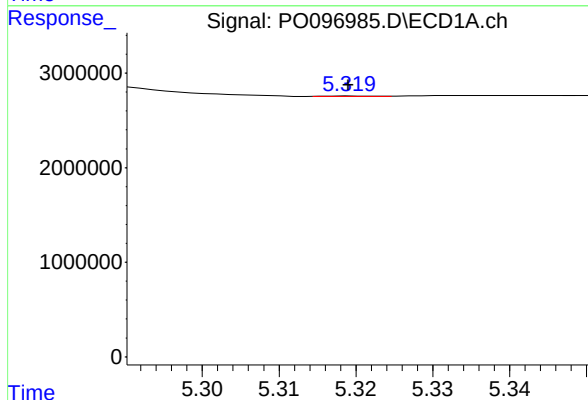
R.T.: 4.788 min
Delta R.T.: 0.006 min
Response: 13939
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



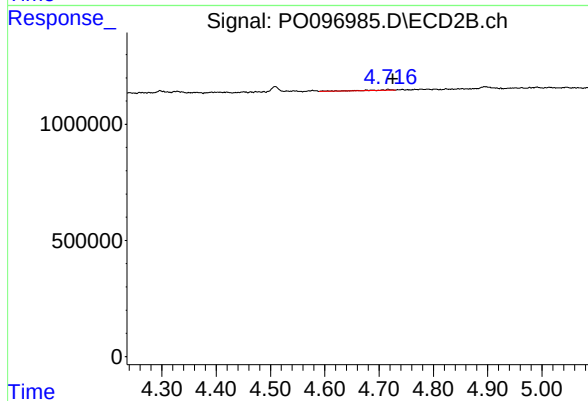
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 3.996 min
Response: 0
Conc: N.D.



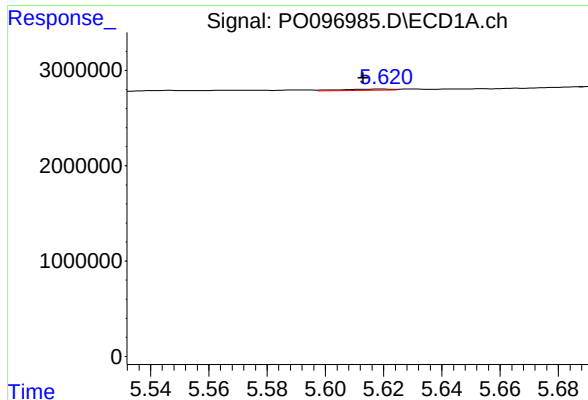
#12 AR-1232-2

R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 25576
Conc: 0.65 ng/ml



#12 AR-1232-2

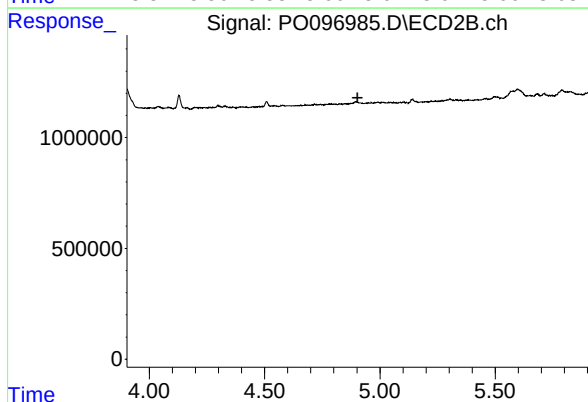
R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 110869
Conc: 3.84 ng/ml



#13 AR-1232-3

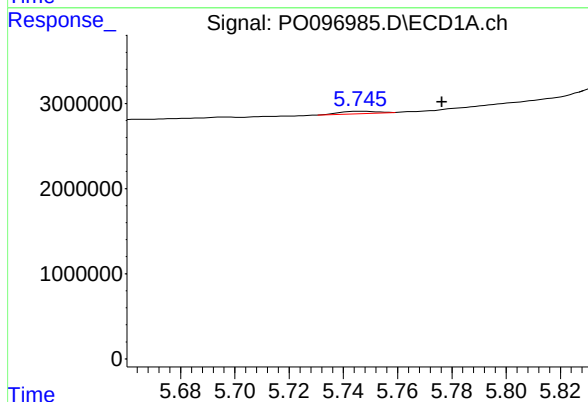
R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 160141
Conc: 2.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



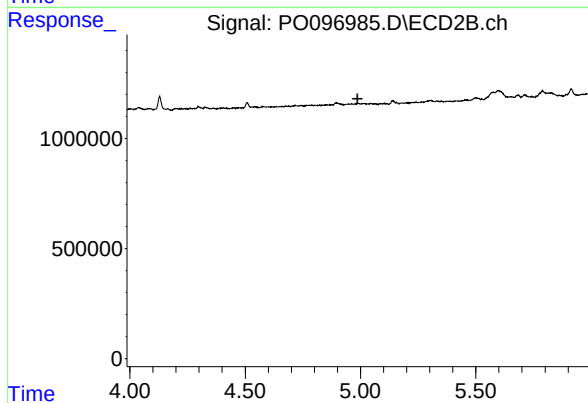
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 4.902 min
Response: 0
Conc: N.D.



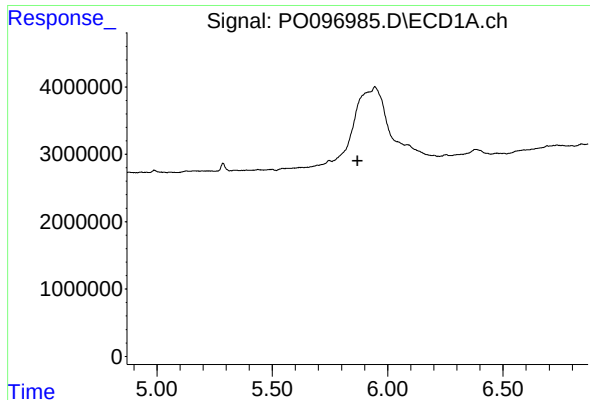
#14 AR-1232-4

R.T.: 5.746 min
Delta R.T.: -0.030 min
Response: 261087
Conc: 8.56 ng/ml



#14 AR-1232-4

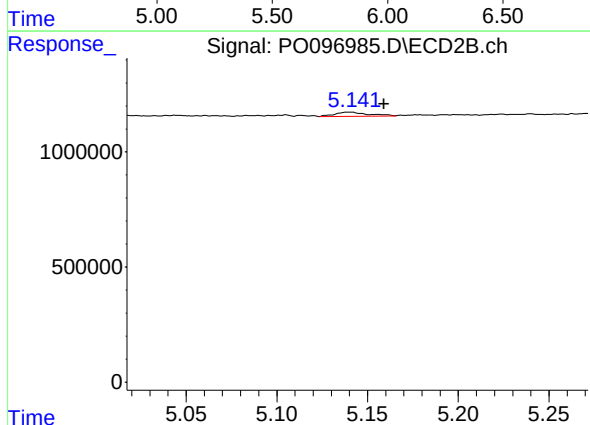
R.T.: 0.000 min
Exp R.T.: 4.987 min
Response: 0
Conc: N.D.



#15 AR-1232-5

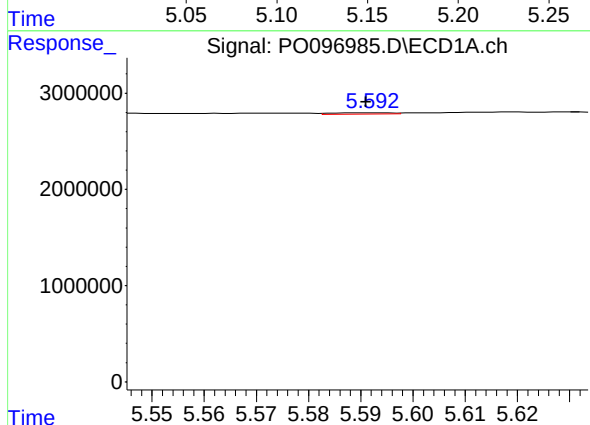
R.T.: 0.000 min
Exp R.T.: 5.869 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
WC-PP01



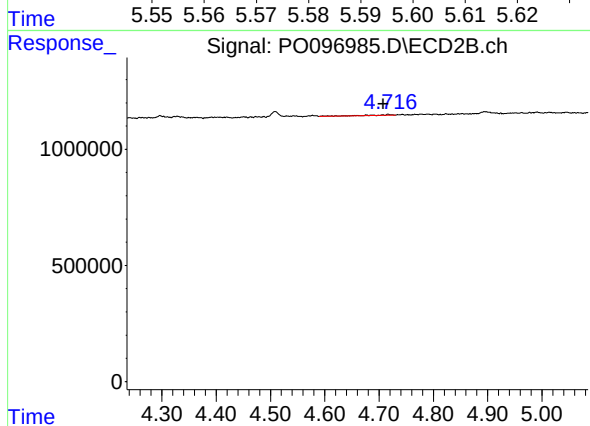
#15 AR-1232-5

R.T.: 5.140 min
Delta R.T.: -0.019 min
Response: 228576
Conc: 13.98 ng/ml



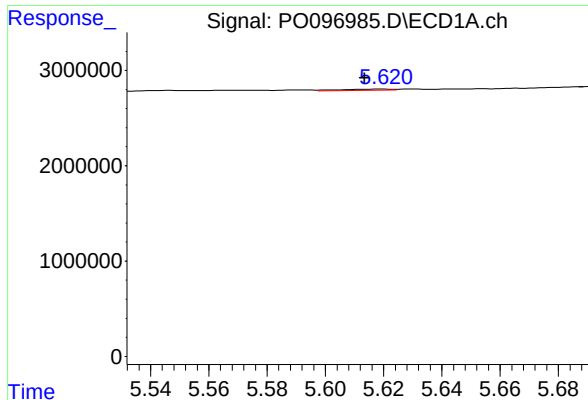
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 103989
Conc: 1.24 ng/ml



#16 AR-1242-1

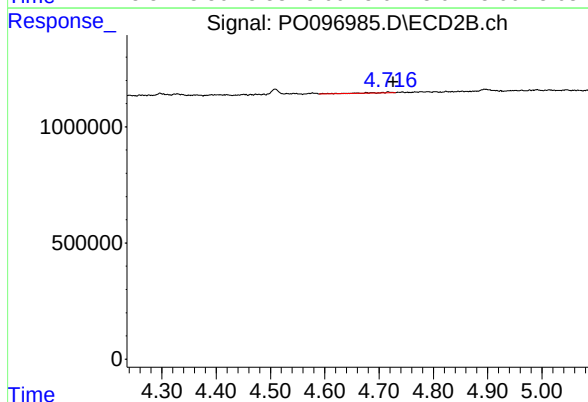
R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 110869
Conc: 2.81 ng/ml



#17 AR-1242-2

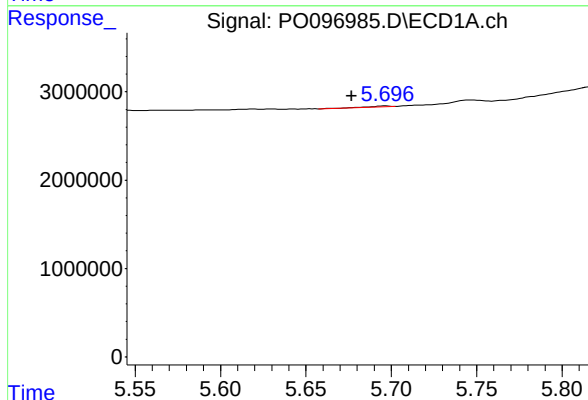
R.T.: 5.620 min
Delta R.T.: 0.007 min
Response: 160141
Conc: 1.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



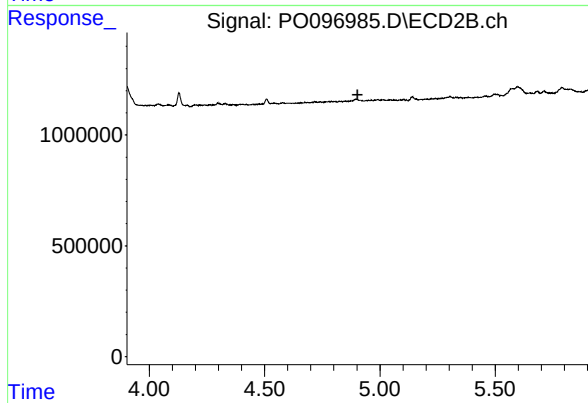
#17 AR-1242-2

R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 110869
Conc: 2.03 ng/ml



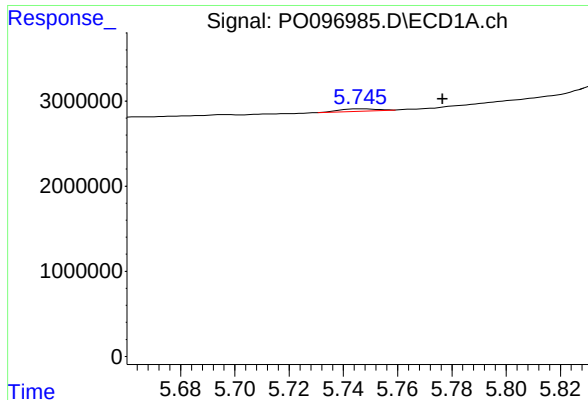
#18 AR-1242-3

R.T.: 5.697 min
Delta R.T.: 0.020 min
Response: 74295
Conc: 1.01 ng/ml



#18 AR-1242-3

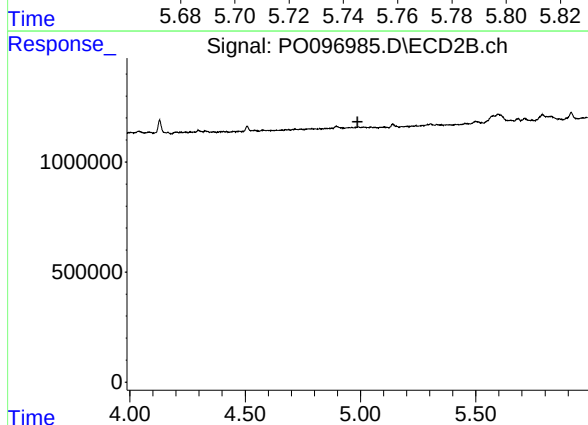
R.T.: 0.000 min
Exp R.T.: 4.903 min
Response: 0
Conc: N.D.



#19 AR-1242-4

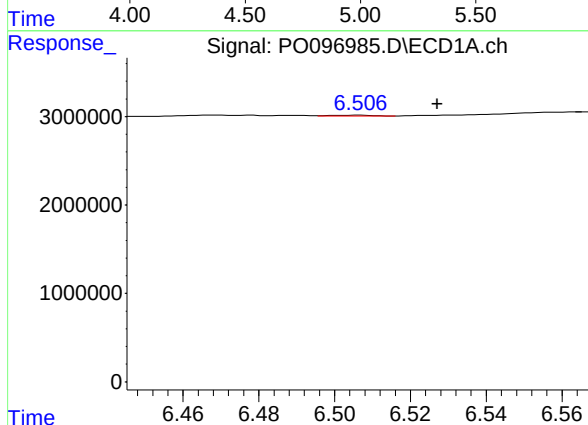
R.T.: 5.746 min
Delta R.T.: -0.030 min
Response: 261087
Conc: 4.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



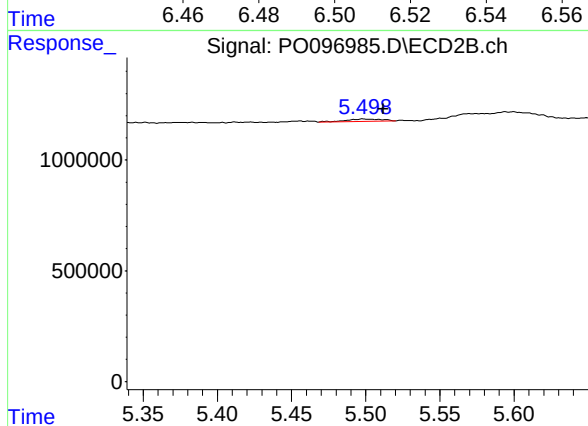
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 4.987 min
Response: 0
Conc: N.D.



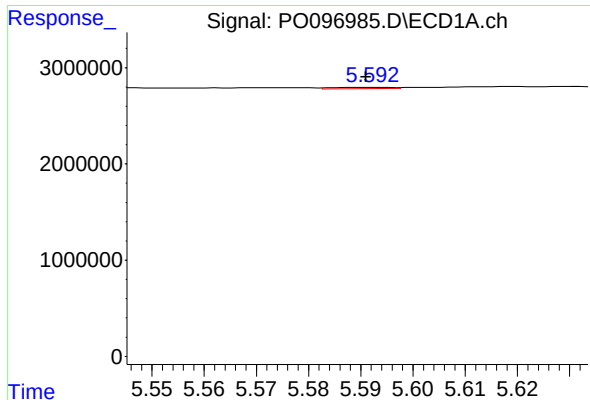
#20 AR-1242-5

R.T.: 6.506 min
Delta R.T.: -0.021 min
Response: 63272
Conc: 1.15 ng/ml



#20 AR-1242-5

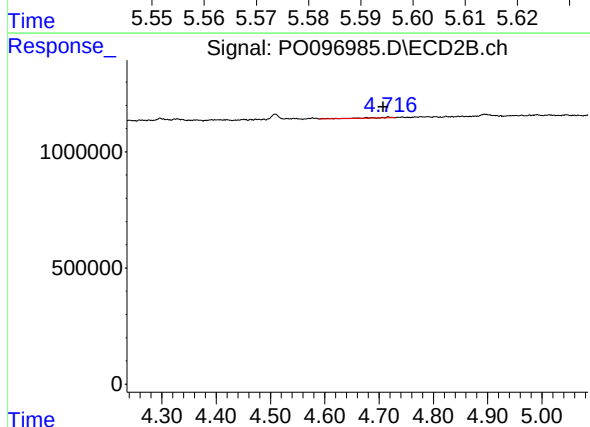
R.T.: 5.498 min
Delta R.T.: -0.014 min
Response: 175369
Conc: 4.81 ng/ml



#21 AR-1248-1

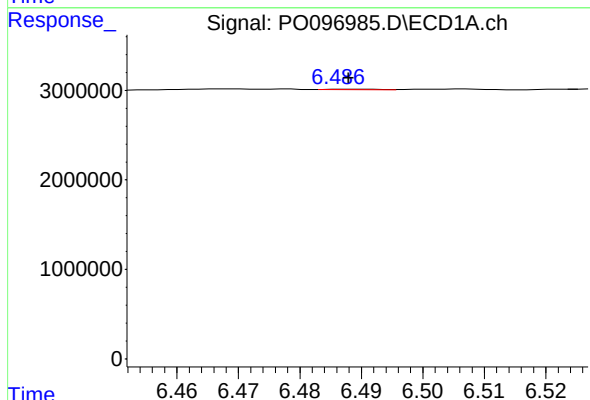
R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 103989
Conc: 1.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



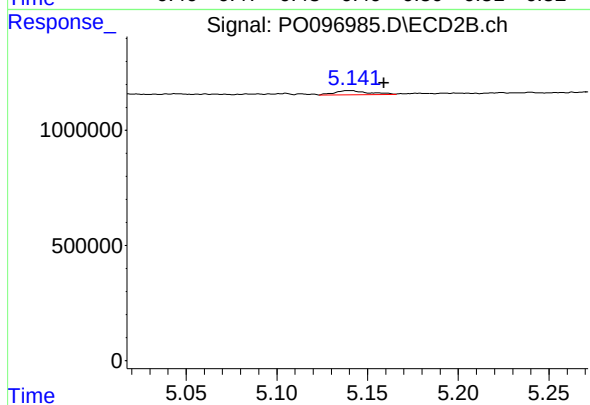
#21 AR-1248-1

R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 110869
Conc: 3.95 ng/ml



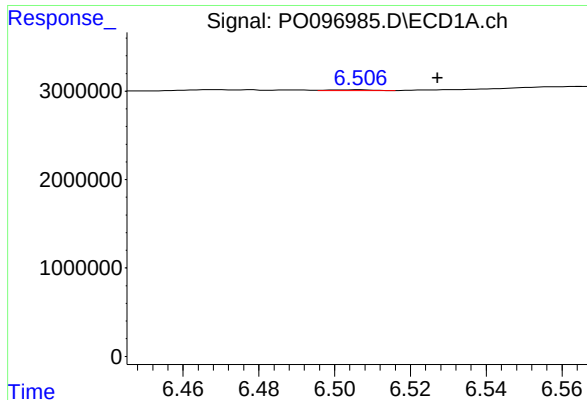
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 30293
Conc: 0.33 ng/ml



#24 AR-1248-4

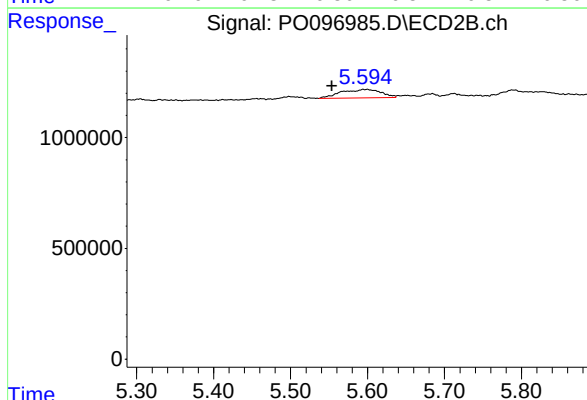
R.T.: 5.140 min
Delta R.T.: -0.019 min
Response: 228576
Conc: 4.48 ng/ml



#25 AR-1248-5

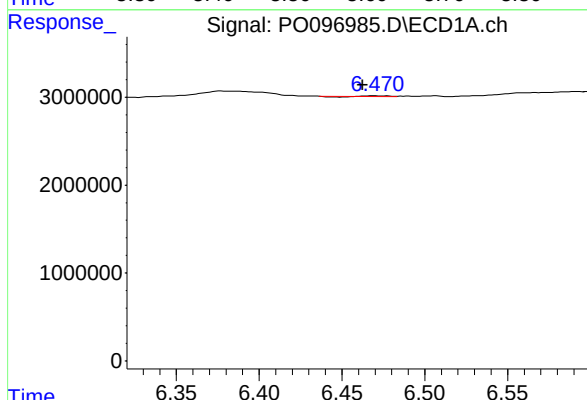
R.T.: 6.506 min
Delta R.T.: -0.021 min
Response: 63272
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



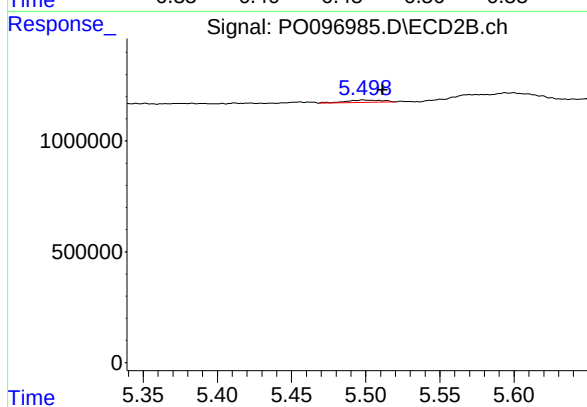
#25 AR-1248-5

R.T.: 5.594 min
Delta R.T.: 0.040 min
Response: 1381770
Conc: 29.56 ng/ml



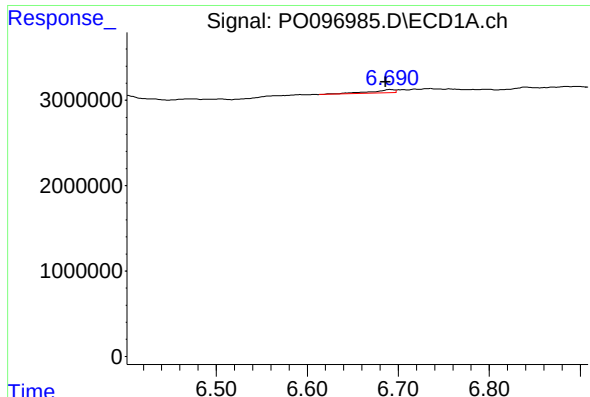
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.007 min
Response: 17879
Conc: 0.16 ng/ml



#26 AR-1254-1

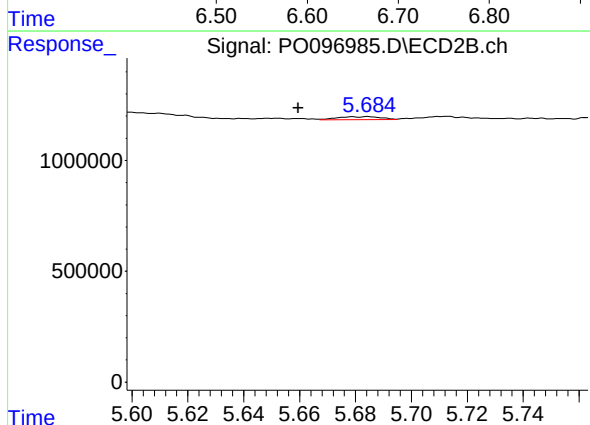
R.T.: 5.498 min
Delta R.T.: -0.013 min
Response: 175369
Conc: 2.38 ng/ml



#27 AR-1254-2

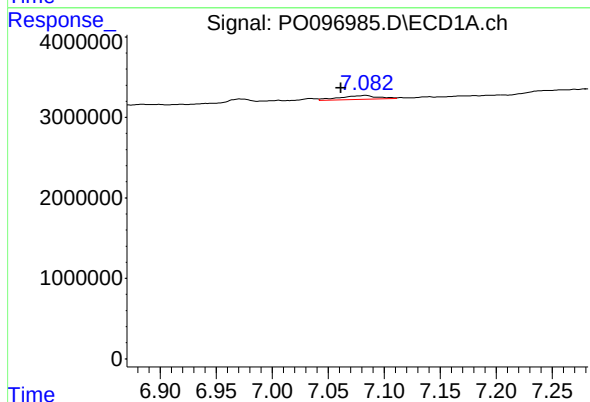
R.T.: 6.691 min
Delta R.T.: 0.005 min
Response: 741839
Conc: 4.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



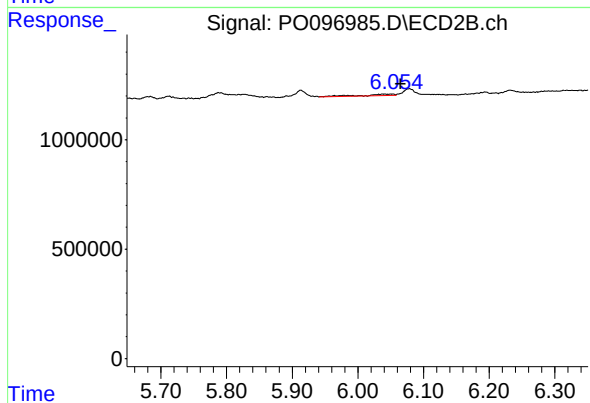
#27 AR-1254-2

R.T.: 5.684 min
Delta R.T.: 0.025 min
Response: 153689
Conc: 2.33 ng/ml



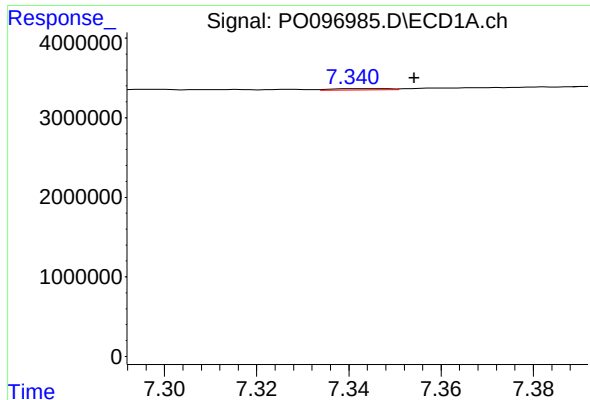
#28 AR-1254-3

R.T.: 7.083 min
Delta R.T.: 0.022 min
Response: 1141665
Conc: 7.29 ng/ml



#28 AR-1254-3

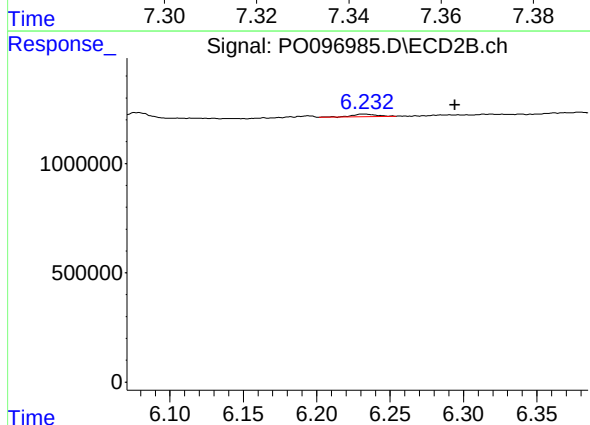
R.T.: 6.054 min
Delta R.T.: -0.011 min
Response: 230929
Conc: 2.29 ng/ml



#29 AR-1254-4

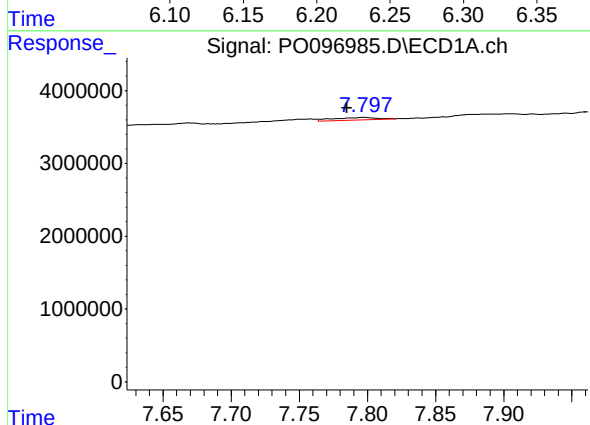
R.T.: 7.341 min
Delta R.T.: -0.013 min
Response: 139308
Conc: 1.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



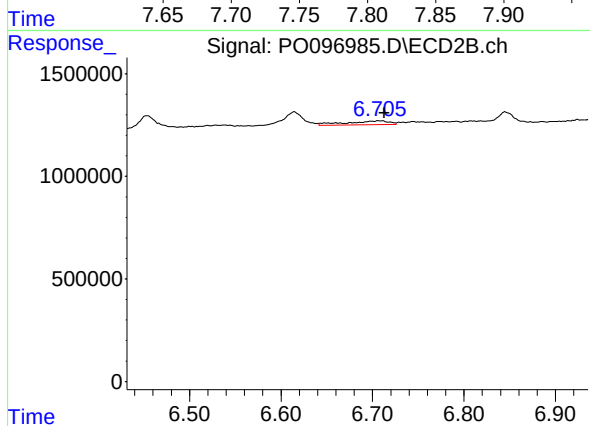
#29 AR-1254-4

R.T.: 6.232 min
Delta R.T.: -0.062 min
Response: 129274
Conc: 2.23 ng/ml



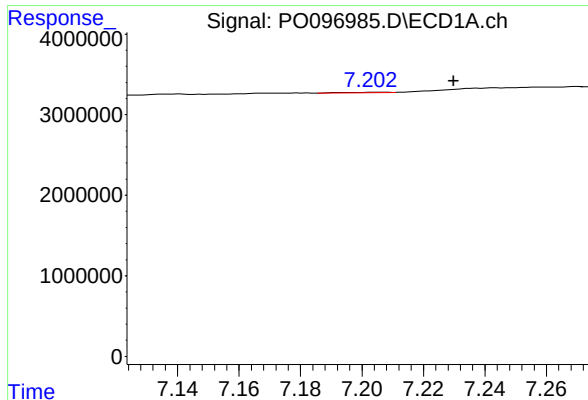
#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.012 min
Response: 854316
Conc: 7.61 ng/ml



#30 AR-1254-5

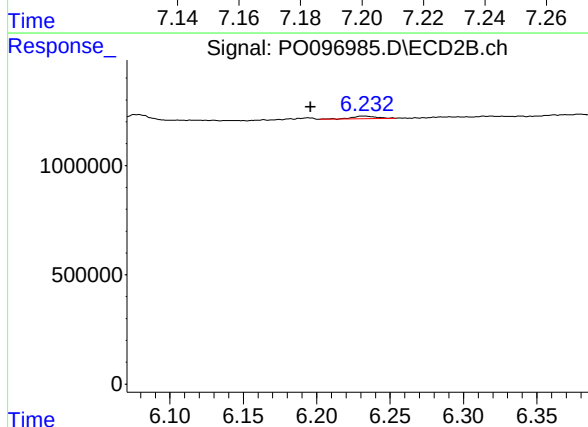
R.T.: 6.710 min
Delta R.T.: -0.003 min
Response: 612685
Conc: 6.97 ng/ml



#31 AR-1260-1

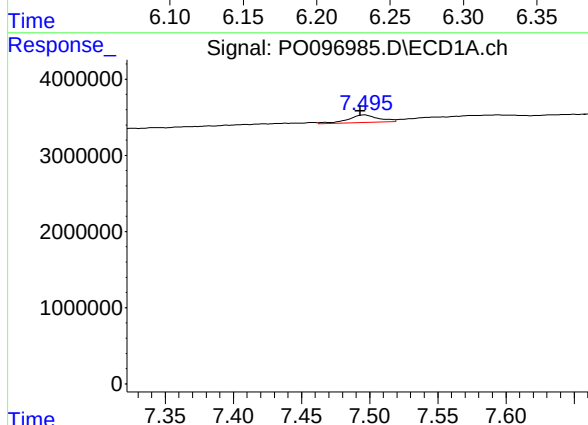
R.T.: 7.204 min
Delta R.T.: -0.026 min
Response: 56758
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



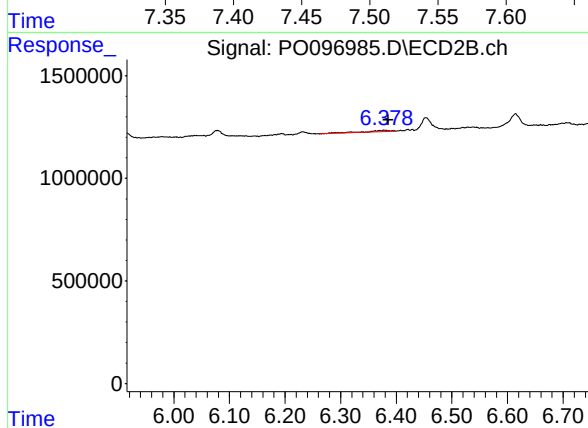
#31 AR-1260-1

R.T.: 6.232 min
Delta R.T.: 0.036 min
Response: 129274
Conc: 1.84 ng/ml



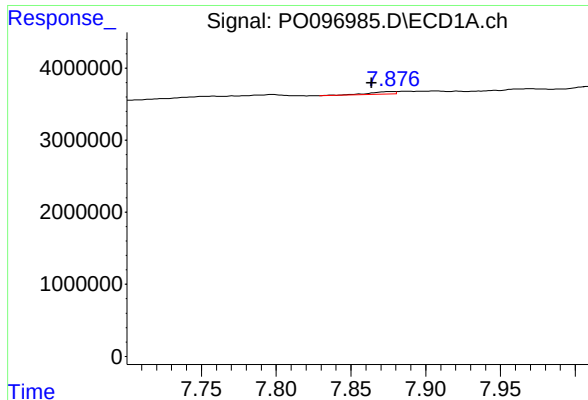
#32 AR-1260-2

R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 1549054
Conc: 11.50 ng/ml



#32 AR-1260-2

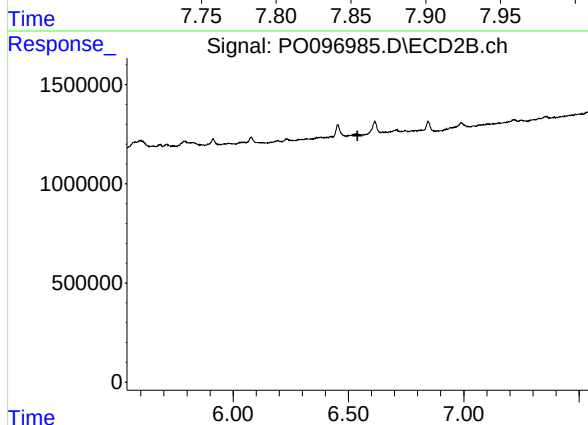
R.T.: 6.379 min
Delta R.T.: -0.006 min
Response: 182377
Conc: 2.19 ng/ml



#33 AR-1260-3

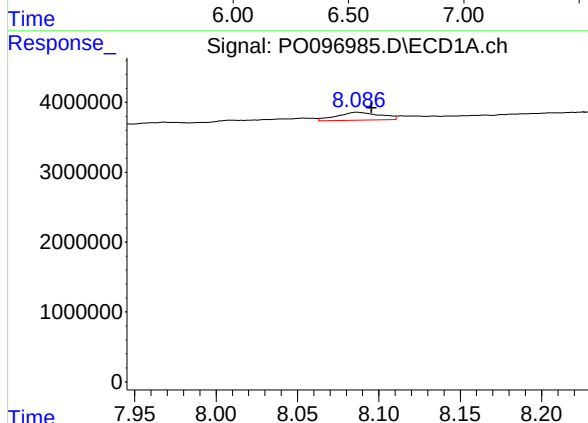
R.T.: 7.877 min
Delta R.T.: 0.013 min
Response: 392328
Conc: 3.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



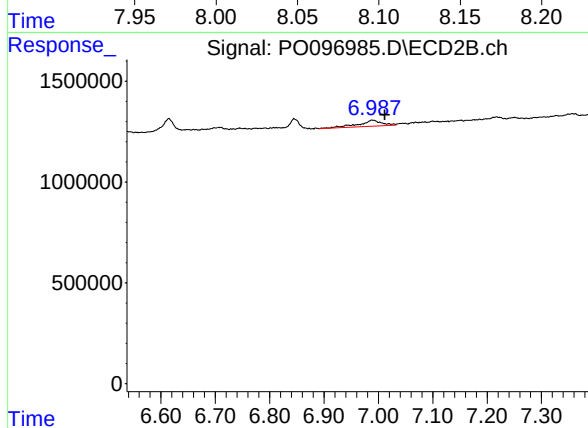
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 6.539 min
Response: 0
Conc: N.D.



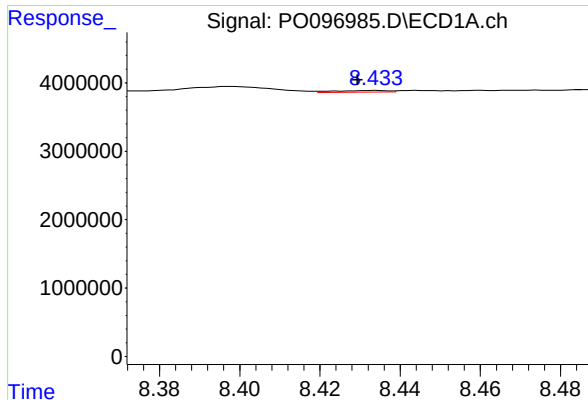
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: -0.009 min
Response: 2109923
Conc: 18.87 ng/ml



#34 AR-1260-4

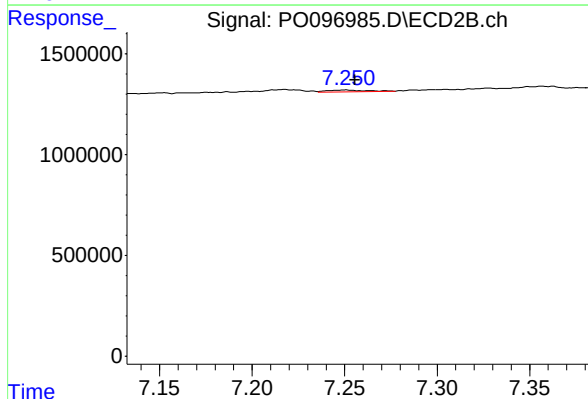
R.T.: 6.989 min
Delta R.T.: -0.024 min
Response: 903732
Conc: 14.10 ng/ml



#35 AR-1260-5

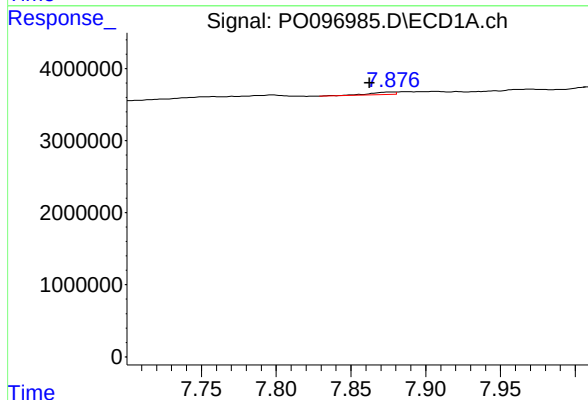
R.T.: 8.434 min
Delta R.T.: 0.005 min
Response: 216469
Conc: 1.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



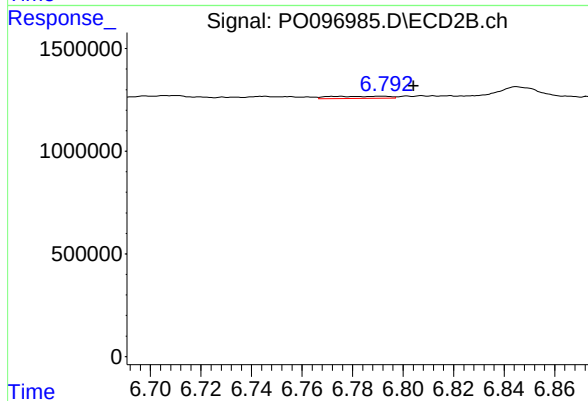
#35 AR-1260-5

R.T.: 7.250 min
Delta R.T.: -0.005 min
Response: 134572
Conc: 0.97 ng/ml



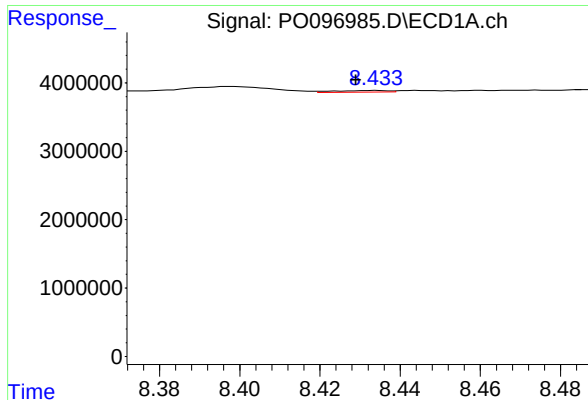
#36 AR-1262-1

R.T.: 7.877 min
Delta R.T.: 0.014 min
Response: 392328
Conc: 2.64 ng/ml



#36 AR-1262-1

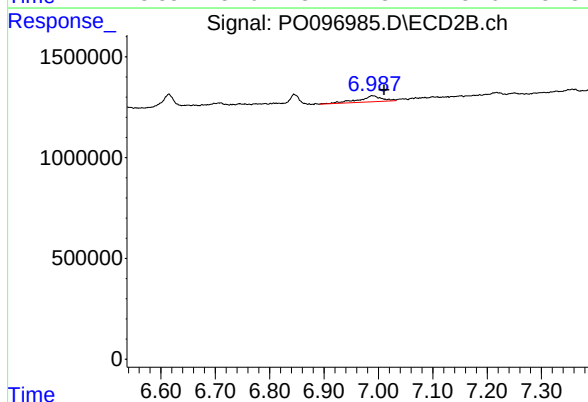
R.T.: 6.792 min
Delta R.T.: -0.013 min
Response: 167955
Conc: 4.27 ng/ml



#37 AR-1262-2

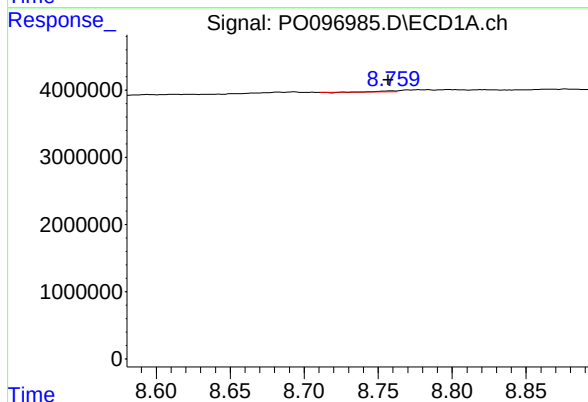
R.T.: 8.434 min
Delta R.T.: 0.005 min
Response: 216469
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



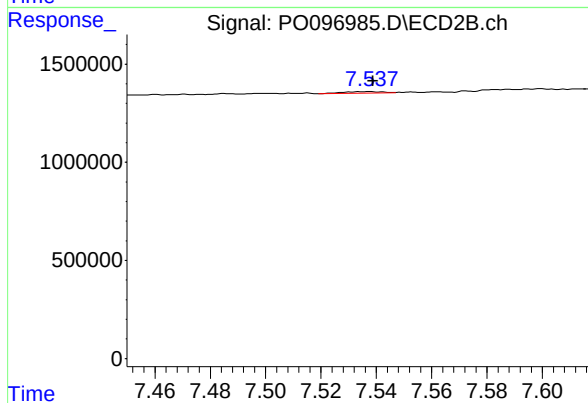
#37 AR-1262-2

R.T.: 6.989 min
Delta R.T.: -0.023 min
Response: 903732
Conc: 11.14 ng/ml



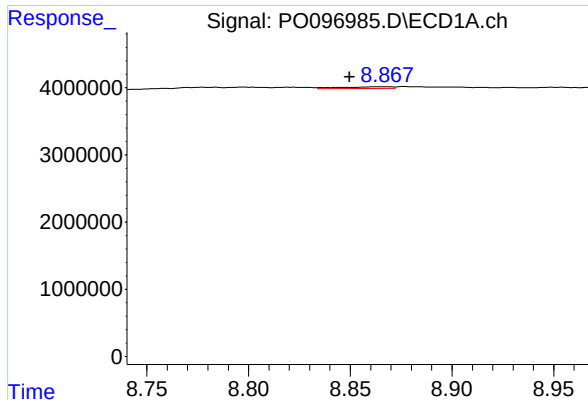
#38 AR-1262-3

R.T.: 8.759 min
Delta R.T.: 0.003 min
Response: 112264
Conc: 0.67 ng/ml



#38 AR-1262-3

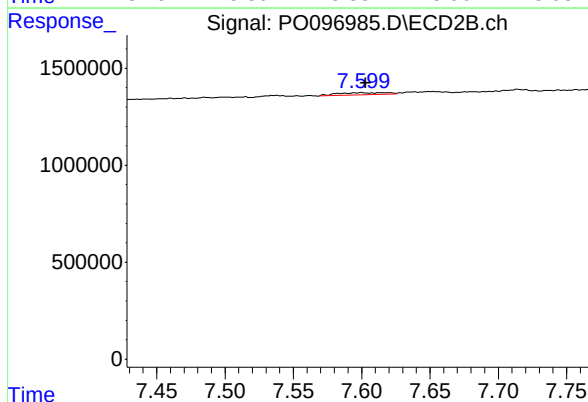
R.T.: 7.537 min
Delta R.T.: -0.001 min
Response: 82262
Conc: 1.28 ng/ml



#39 AR-1262-4

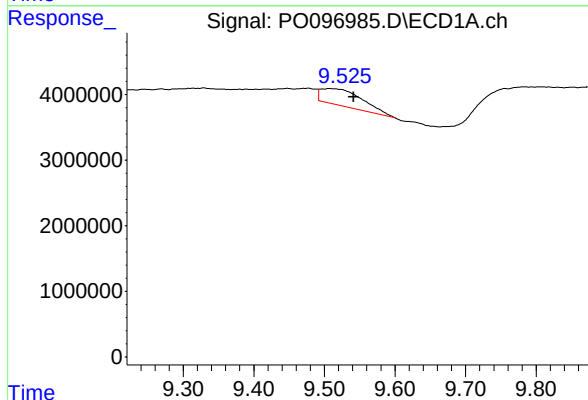
R.T.: 8.867 min
Delta R.T.: 0.018 min
Response: 424036
Conc: 5.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



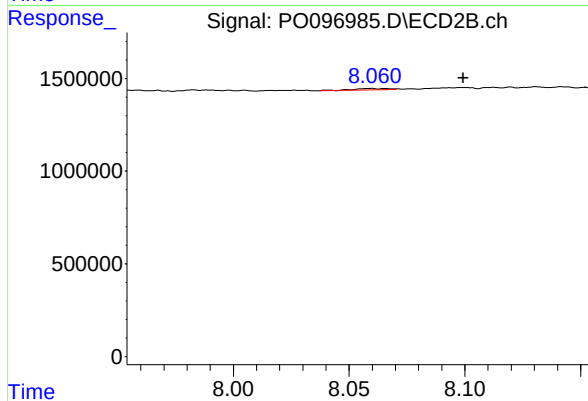
#39 AR-1262-4

R.T.: 7.600 min
Delta R.T.: -0.003 min
Response: 289687
Conc: 2.55 ng/ml



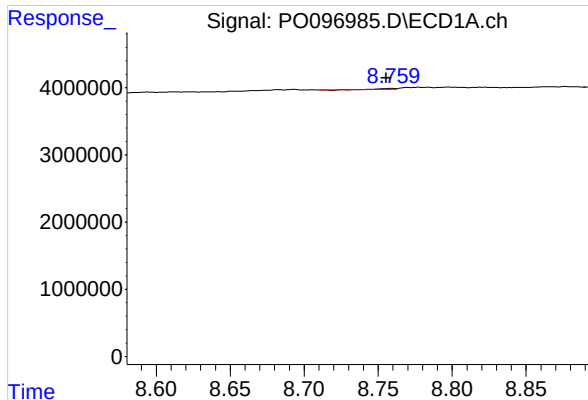
#40 AR-1262-5

R.T.: 9.507 min
Delta R.T.: -0.035 min
Response: 10189495
Conc: 122.36 ng/ml



#40 AR-1262-5

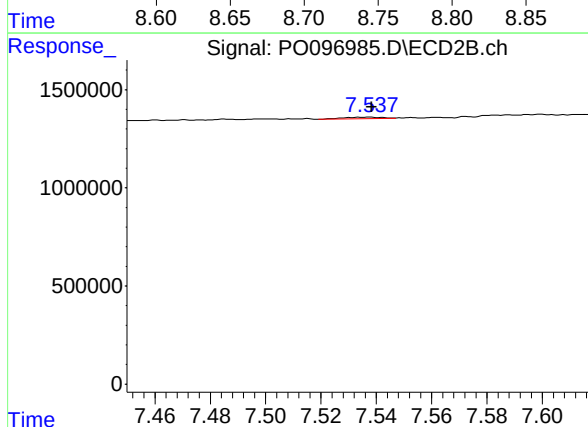
R.T.: 8.060 min
Delta R.T.: -0.040 min
Response: 96086
Conc: 1.83 ng/ml



#41 AR-1268-1

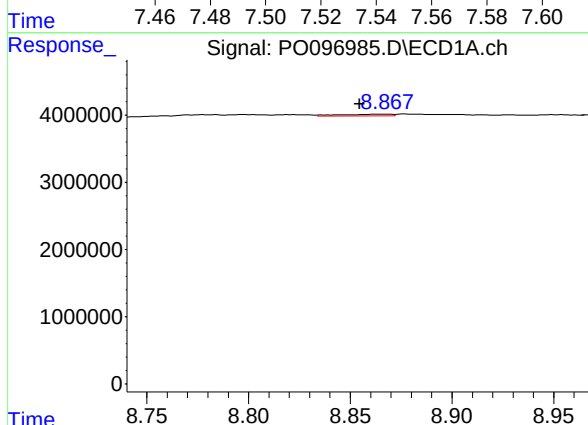
R.T.: 8.759 min
Delta R.T.: 0.004 min
Response: 112264
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



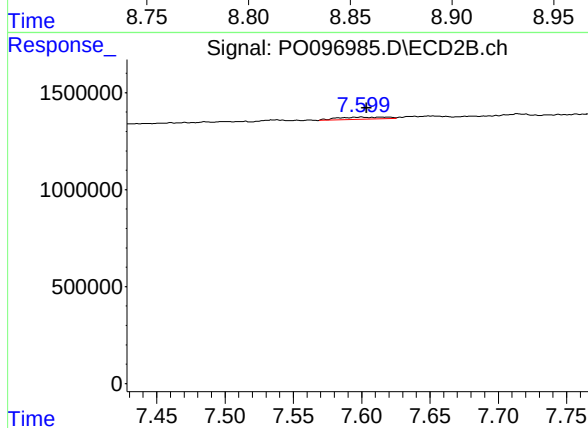
#41 AR-1268-1

R.T.: 7.537 min
Delta R.T.: 0.000 min
Response: 82262
Conc: 0.44 ng/ml



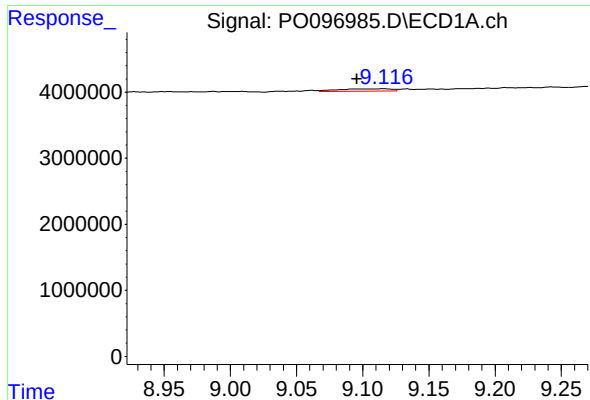
#42 AR-1268-2

R.T.: 8.867 min
Delta R.T.: 0.013 min
Response: 424036
Conc: 1.55 ng/ml



#42 AR-1268-2

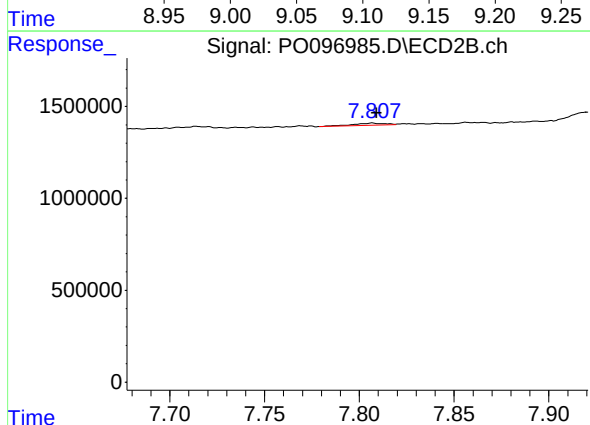
R.T.: 7.600 min
Delta R.T.: -0.004 min
Response: 289687
Conc: 1.73 ng/ml



#43 AR-1268-3

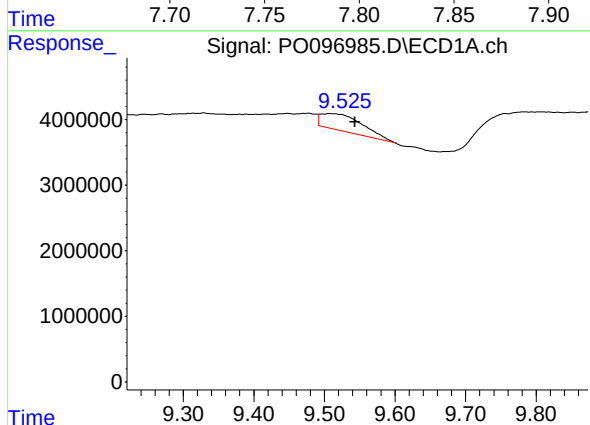
R.T.: 9.117 min
Delta R.T.: 0.021 min
Response: 963291
Conc: 3.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



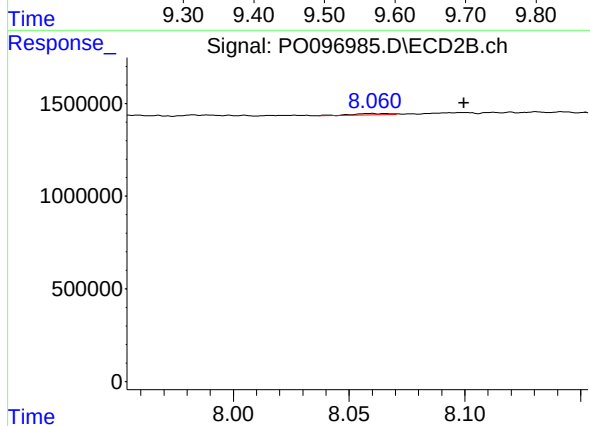
#43 AR-1268-3

R.T.: 7.807 min
Delta R.T.: -0.002 min
Response: 126611
Conc: 0.88 ng/ml



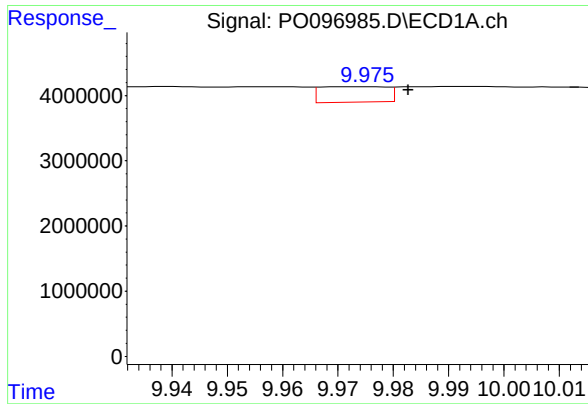
#44 AR-1268-4

R.T.: 9.507 min
Delta R.T.: -0.037 min
Response: 10189495
Conc: 109.90 ng/ml



#44 AR-1268-4

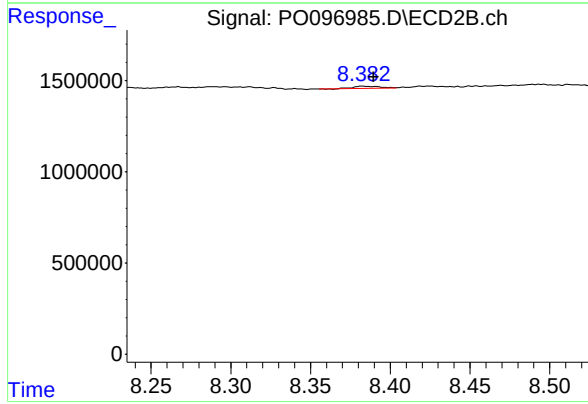
R.T.: 8.060 min
Delta R.T.: -0.040 min
Response: 96086
Conc: 1.61 ng/ml



#45 AR-1268-5

R.T.: 9.975 min
Delta R.T.: -0.008 min
Response: 1991403
Conc: 2.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-PP01



#45 AR-1268-5

R.T.: 8.383 min
Delta R.T.: -0.007 min
Response: 134597
Conc: 0.32 ng/ml