

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080823\
 Data File : P0096761.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2023 13:35
 Operator : YP/AJ
 Sample : PB154696BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 01:24:57 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...	4.410	3.621	44637027	22350701	13.485	16.884 #
2) SA Decachlor...	10.352	8.644	41359300	22133033	18.901	19.131
Target Compounds						
3) L1 AR-1016-1	5.589	0.000	324088	0	3.441	N.D. #
4) L1 AR-1016-2	5.627	0.000	574184	0	4.292	N.D. #
5) L1 AR-1016-3	5.689	0.000	23460	0	0.270	N.D. #
6) L1 AR-1016-4	5.758	0.000	115734	0	1.723	N.D. #
7) L1 AR-1016-5	6.090	0.000	21061	0	0.302	N.D. #
8) L2 AR-1221-1	4.598	0.000	285530	0	7.006	N.D. #
9) L2 AR-1221-2	4.723	3.922	1235879	352123	40.681	27.253 #
10) L2 AR-1221-3	4.787	3.968	83947	239502	0.959	6.034 #
11) L3 AR-1232-1	4.787	3.968	83947	239502	1.151	7.404 #
12) L3 AR-1232-2	5.329	0.000	135844	0	3.426	N.D. #
13) L3 AR-1232-3	5.627	0.000	574184	0	9.386	N.D. #
14) L3 AR-1232-4	5.758	0.000	115734	0	3.793	N.D. #
15) L3 AR-1232-5	5.880	0.000	411009	0	14.688	N.D. #
16) L4 AR-1242-1	5.589	0.000	324088	0	3.867	N.D. #
17) L4 AR-1242-2	5.627	0.000	574184	0	4.876	N.D. #
18) L4 AR-1242-3	5.689	0.000	23460	0	0.318	N.D. #
19) L4 AR-1242-4	5.758	0.000	115734	0	1.944	N.D. #
20) L4 AR-1242-5	6.579f	5.580f	841195	310126	15.289	8.511 #
21) L5 AR-1248-1	5.589	0.000	324088	0	5.531	N.D. #
22) L5 AR-1248-2	5.880	0.000	411009	0	4.372	N.D. #
23) L5 AR-1248-3	6.090	0.000	21061	0	0.215	N.D. #
24) L5 AR-1248-4	6.463	0.000	31997	0	0.352	N.D. #
25) L5 AR-1248-5	6.579f	5.580	841195	310126	9.550	6.633 #
26) L6 AR-1254-1	6.463	5.580f	31997	310126	0.293	4.202 #
27) L6 AR-1254-2	6.709	5.611f	255834	449422	1.587	6.822 #
28) L6 AR-1254-3	7.064	0.000	3402389	0	21.713	N.D. #
29) L6 AR-1254-4	7.349	0.000	607730	0	6.028	N.D. #
30) L6 AR-1254-5	7.797	0.000	184231	0	1.642	N.D. #
31) L7 AR-1260-1	7.213	6.187	271711	92499	2.162	1.314 #
32) L7 AR-1260-2	7.513	0.000	993777	0	7.376	N.D. #
33) L7 AR-1260-3	7.901f	0.000	15264234	0	147.091	N.D. #
34) L7 AR-1260-4	8.103	7.080f	203929	450723	1.824	7.034 #
35) L7 AR-1260-5	8.414	7.280	5389402	589172	25.666	4.250 #
36) L8 AR-1262-1	7.901f	6.811	15264234	180677	102.771	4.589 #
37) L8 AR-1262-2	8.414	7.080f	5389402	450723	23.284	5.557 #
38) L8 AR-1262-3	8.805f	7.486f	5993749	670817	35.934	10.453 #
39) L8 AR-1262-4	8.826	7.662f	7334882	895888	100.606	7.886 #
40) L8 AR-1262-5	9.550	8.138f	3747862	209045	45.004	3.980 #
41) L9 AR-1268-1	8.805f	7.486f	5993749	670817	19.498	3.620 #

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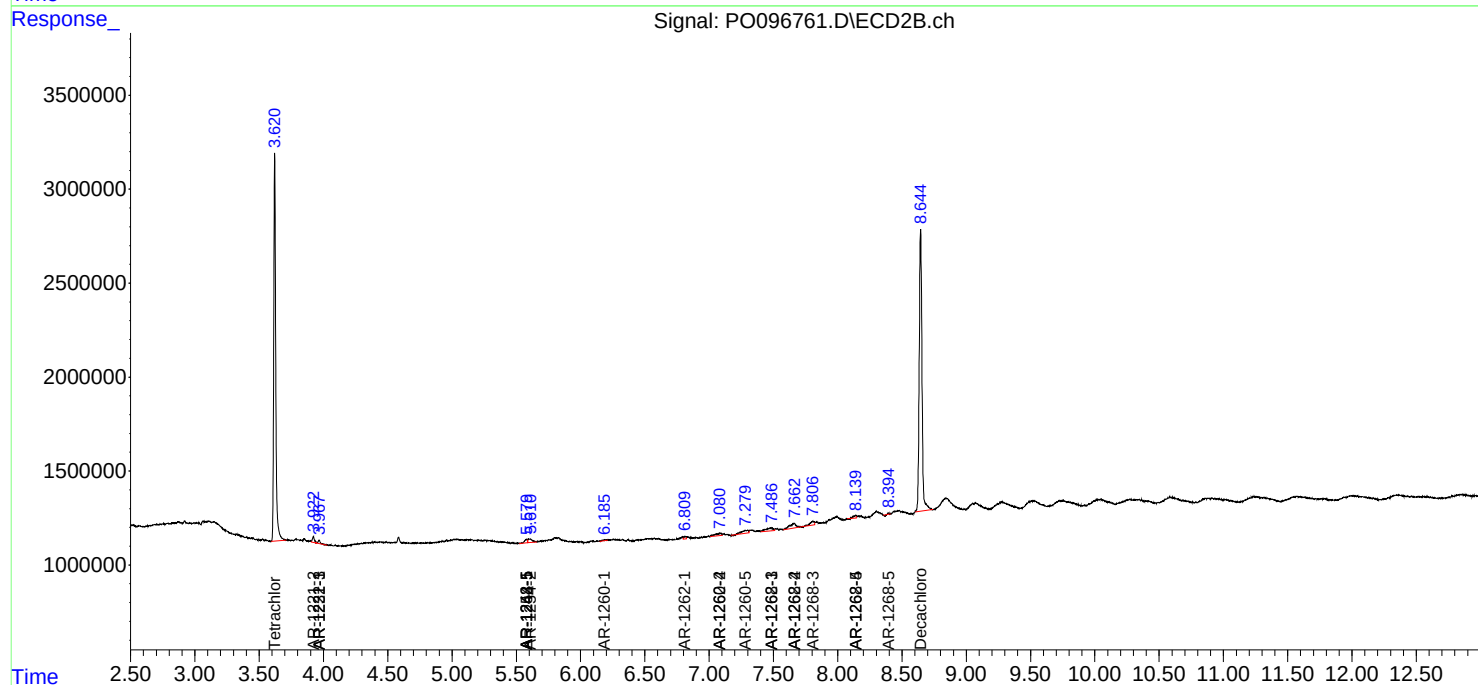
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

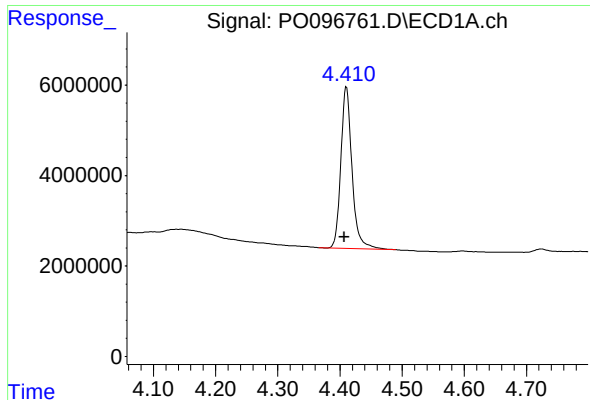
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.826	7.662f	7334882	895888	26.751	5.343 #
43) L9	AR-1268-3	9.064	7.806	38550840	411170	150.949	2.846 #
44) L9	AR-1268-4	9.550	8.138f	3747862	209045	40.424	3.509 #
45) L9	AR-1268-5	9.975	8.394	302011	20116	0.374	0.048 #

(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

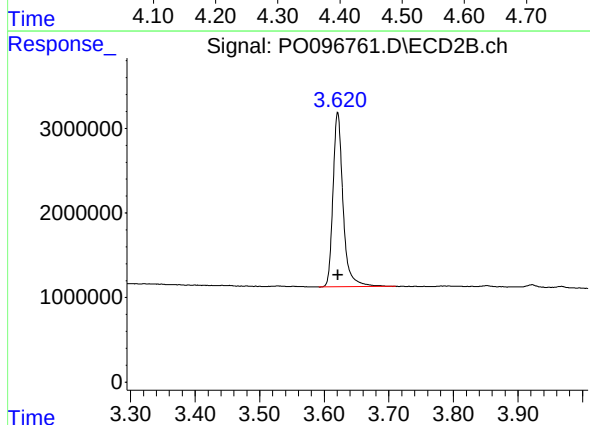




#1 Tetrachloro-m-xylene

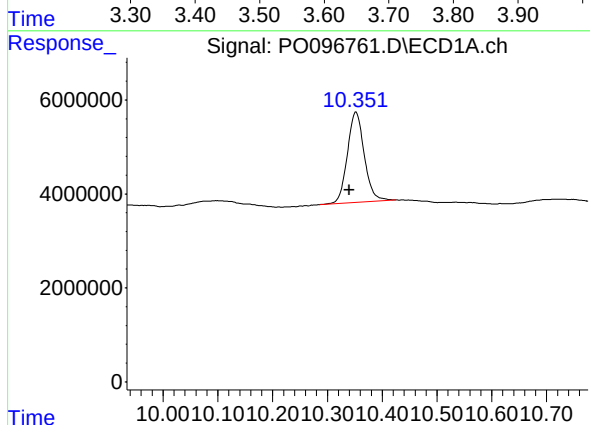
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 44637027
Conc: 13.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



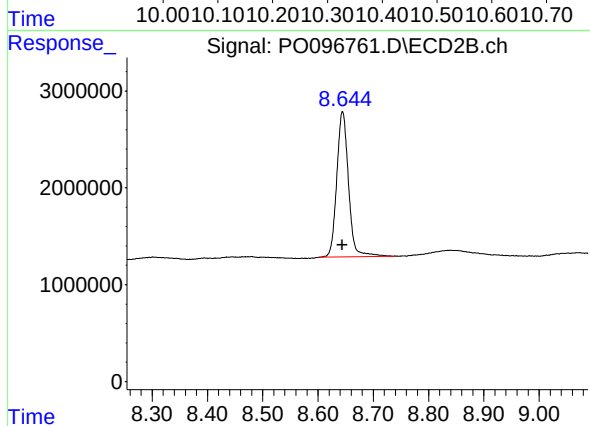
#1 Tetrachloro-m-xylene

R.T.: 3.621 min
Delta R.T.: 0.000 min
Response: 22350701
Conc: 16.88 ng/ml



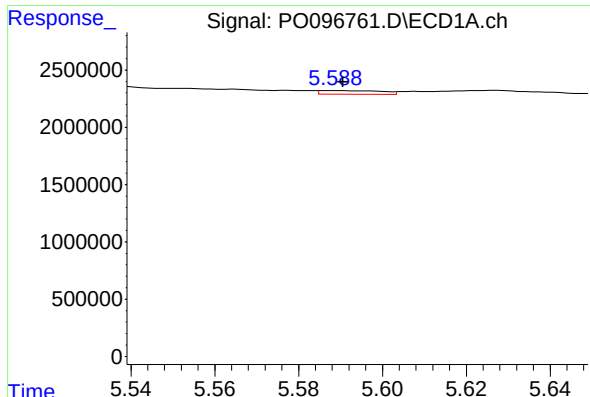
#2 Decachlorobiphenyl

R.T.: 10.352 min
Delta R.T.: 0.012 min
Response: 41359300
Conc: 18.90 ng/ml



#2 Decachlorobiphenyl

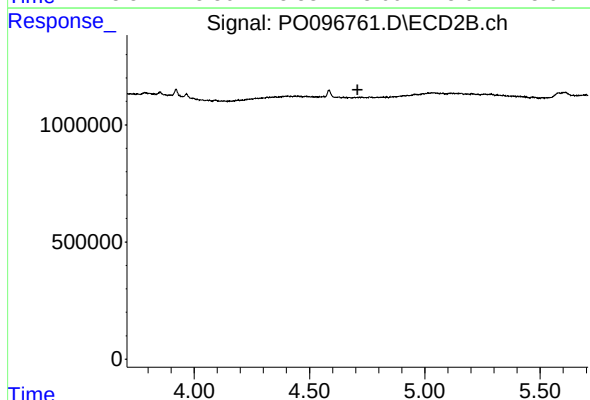
R.T.: 8.644 min
Delta R.T.: 0.000 min
Response: 22133033
Conc: 19.13 ng/ml



#3 AR-1016-1

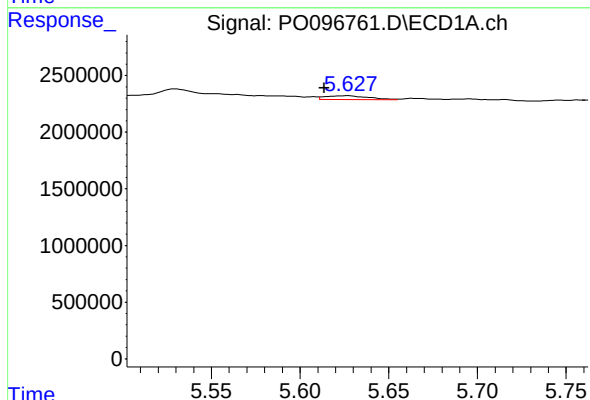
R.T.: 5.589 min
Delta R.T.: -0.002 min
Response: 324088
Conc: 3.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



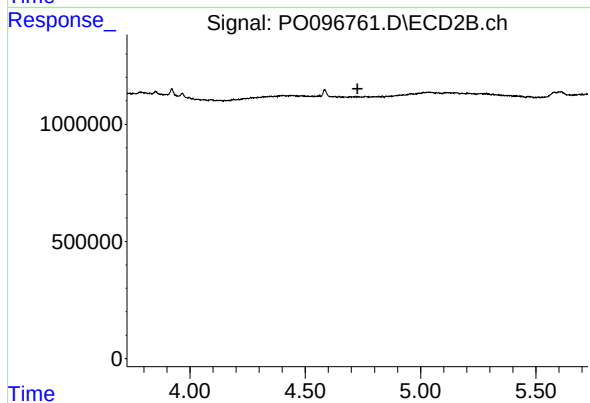
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



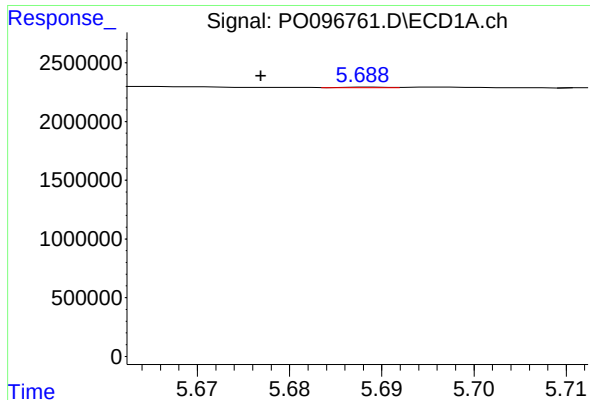
#4 AR-1016-2

R.T.: 5.627 min
Delta R.T.: 0.014 min
Response: 574184
Conc: 4.29 ng/ml



#4 AR-1016-2

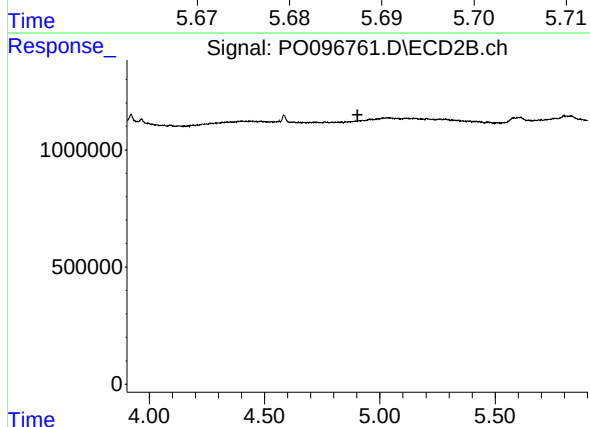
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#5 AR-1016-3

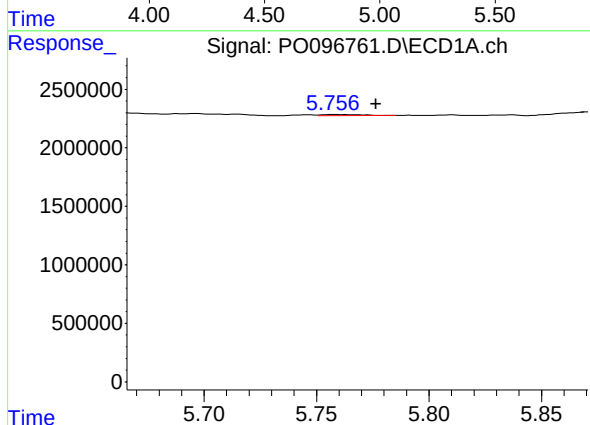
R.T.: 5.689 min
Delta R.T.: 0.012 min
Response: 23460
Conc: 0.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



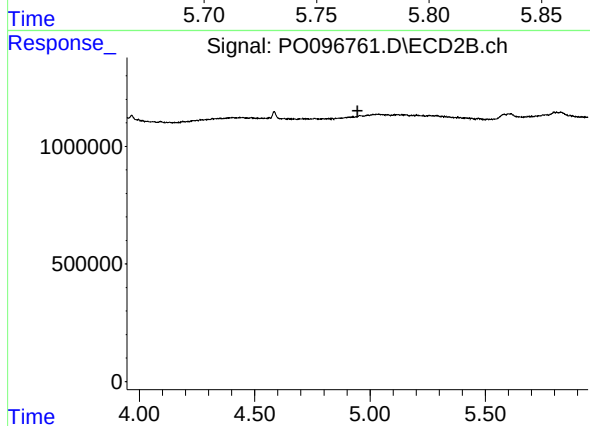
#5 AR-1016-3

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



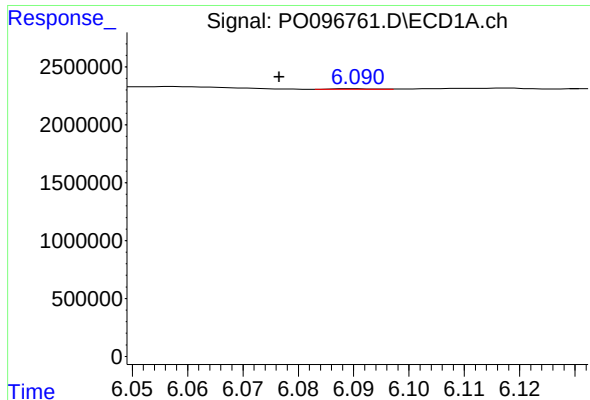
#6 AR-1016-4

R.T.: 5.758 min
Delta R.T.: -0.019 min
Response: 115734
Conc: 1.72 ng/ml



#6 AR-1016-4

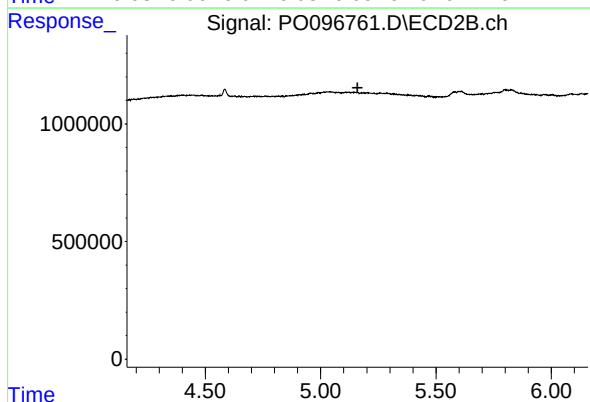
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#7 AR-1016-5

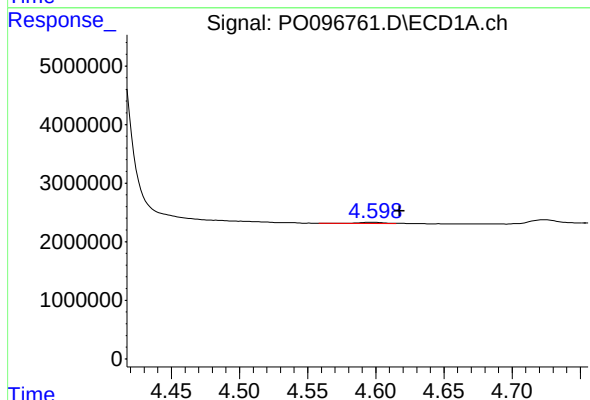
R.T.: 6.090 min
Delta R.T.: 0.014 min
Response: 21061
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



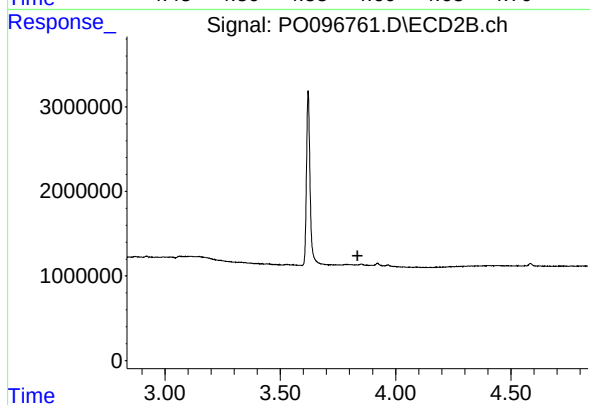
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 5.160 min
Response: 0
Conc: N.D.



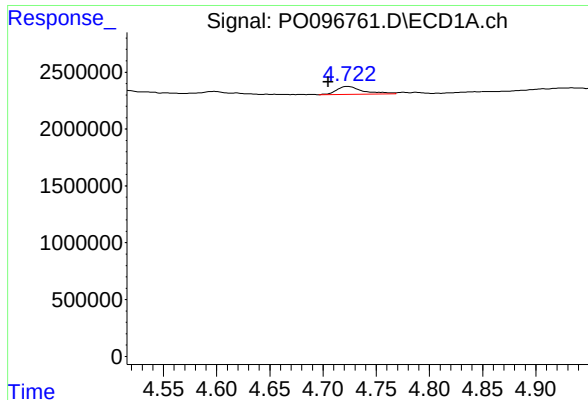
#8 AR-1221-1

R.T.: 4.598 min
Delta R.T.: -0.020 min
Response: 285530
Conc: 7.01 ng/ml



#8 AR-1221-1

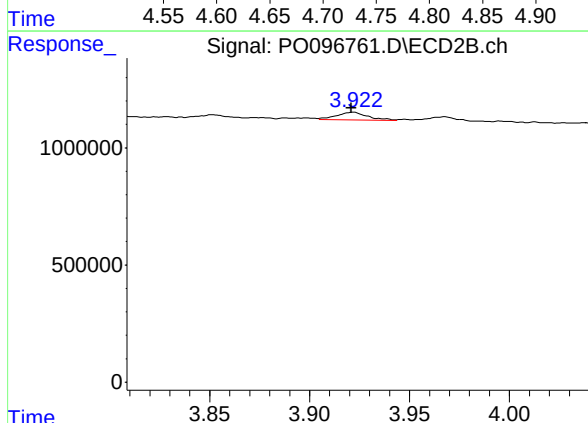
R.T.: 0.000 min
Exp R.T.: 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

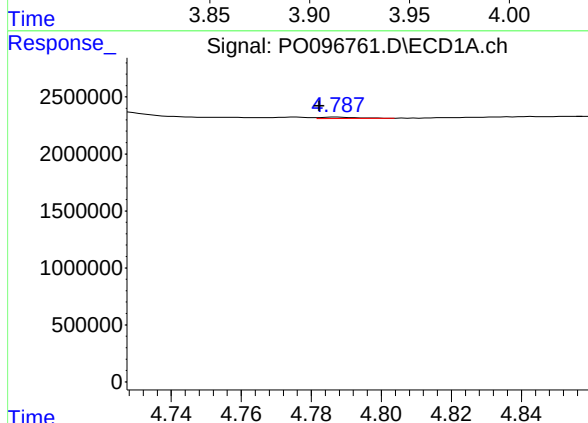
R.T.: 4.723 min
Delta R.T.: 0.018 min
Response: 1235879
Conc: 40.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



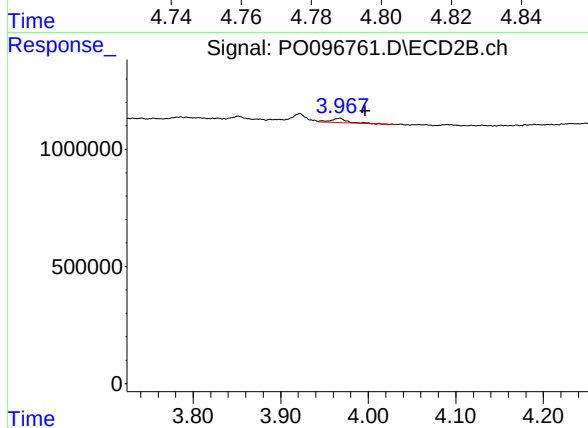
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 352123
Conc: 27.25 ng/ml



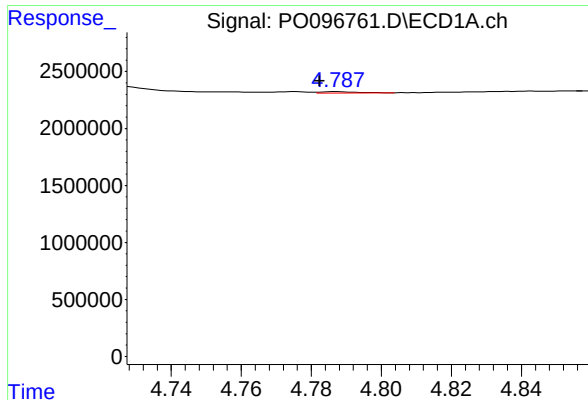
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 83947
Conc: 0.96 ng/ml



#10 AR-1221-3

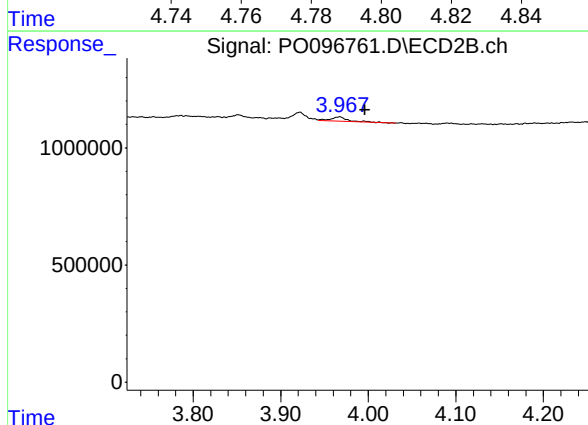
R.T.: 3.968 min
Delta R.T.: -0.029 min
Response: 239502
Conc: 6.03 ng/ml



#11 AR-1232-1

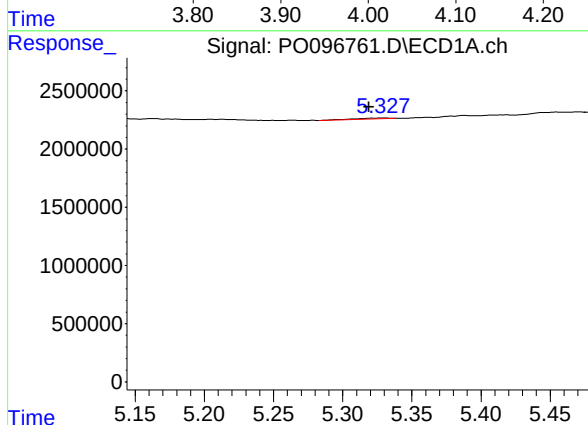
R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 83947
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



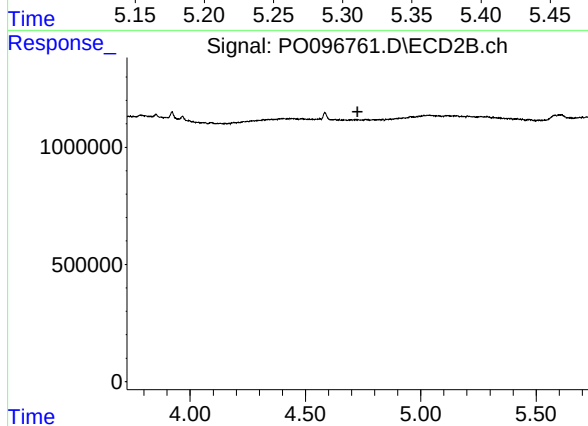
#11 AR-1232-1

R.T.: 3.968 min
Delta R.T.: -0.029 min
Response: 239502
Conc: 7.40 ng/ml



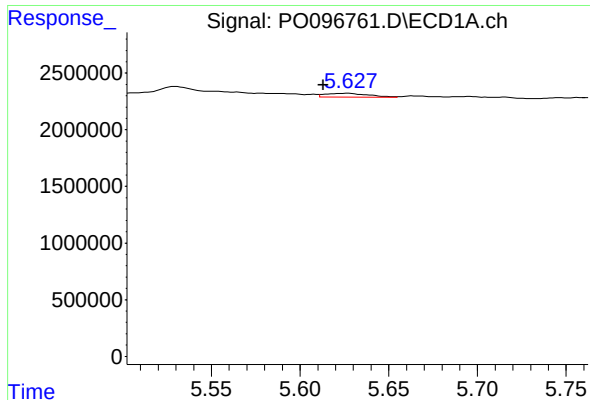
#12 AR-1232-2

R.T.: 5.329 min
Delta R.T.: 0.010 min
Response: 135844
Conc: 3.43 ng/ml



#12 AR-1232-2

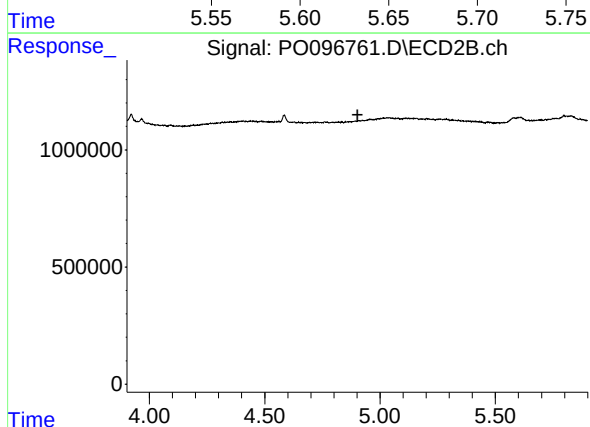
R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



#13 AR-1232-3

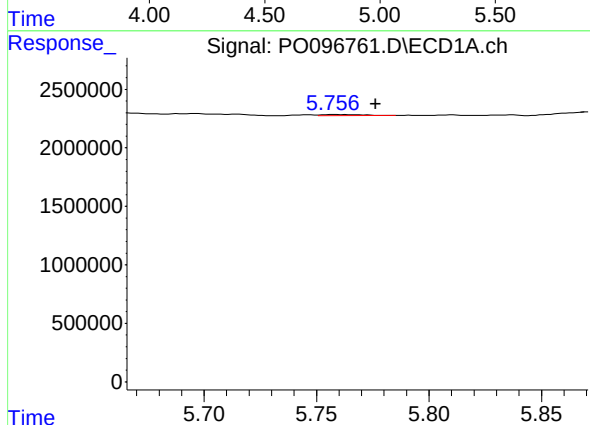
R.T.: 5.627 min
Delta R.T.: 0.014 min
Response: 574184
Conc: 9.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



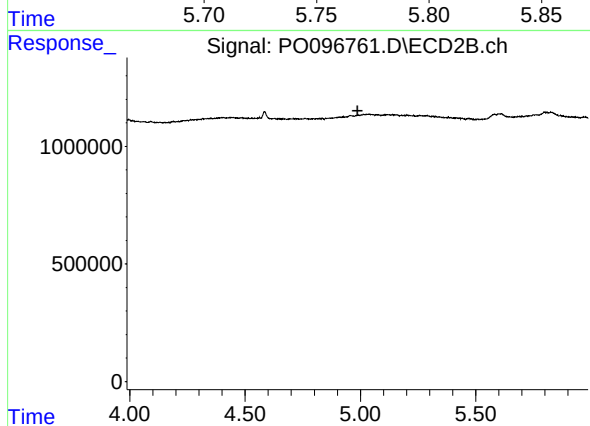
#13 AR-1232-3

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



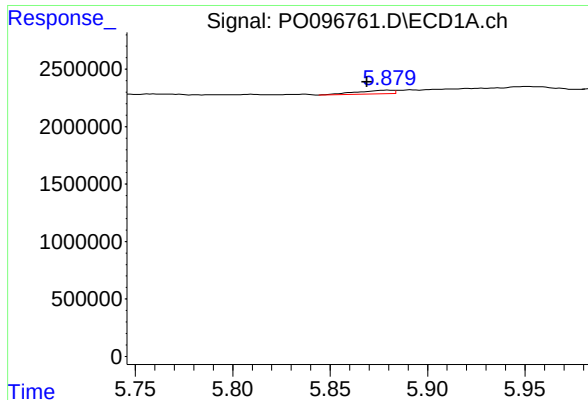
#14 AR-1232-4

R.T.: 5.758 min
Delta R.T.: -0.019 min
Response: 115734
Conc: 3.79 ng/ml



#14 AR-1232-4

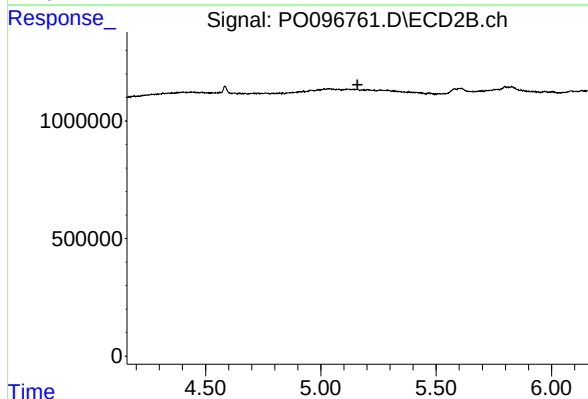
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#15 AR-1232-5

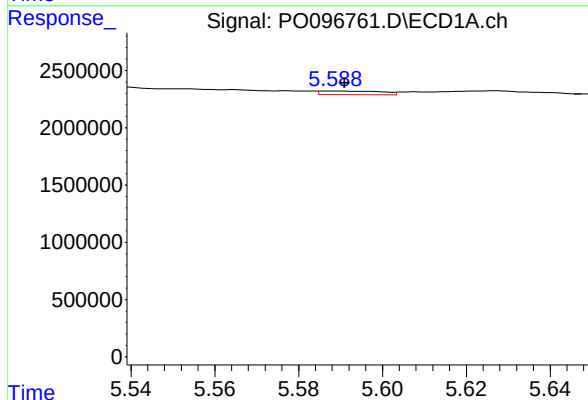
R.T.: 5.880 min
Delta R.T.: 0.011 min
Response: 411009
Conc: 14.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



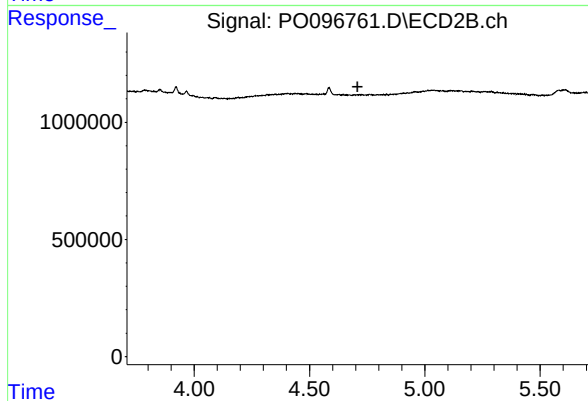
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.159 min
Response: 0
Conc: N.D.



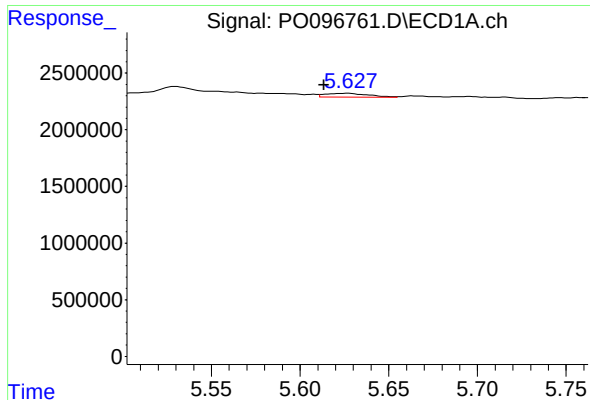
#16 AR-1242-1

R.T.: 5.589 min
Delta R.T.: -0.002 min
Response: 324088
Conc: 3.87 ng/ml



#16 AR-1242-1

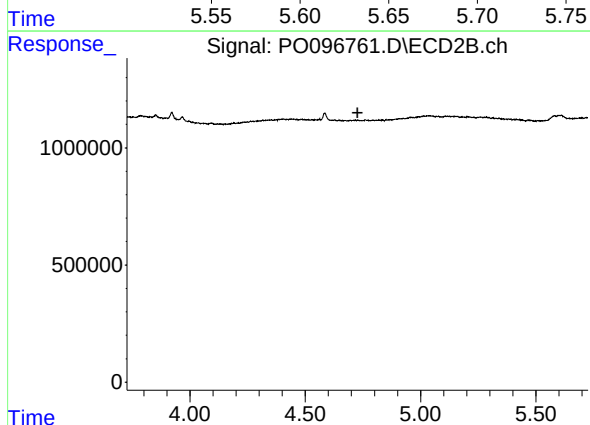
R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



#17 AR-1242-2

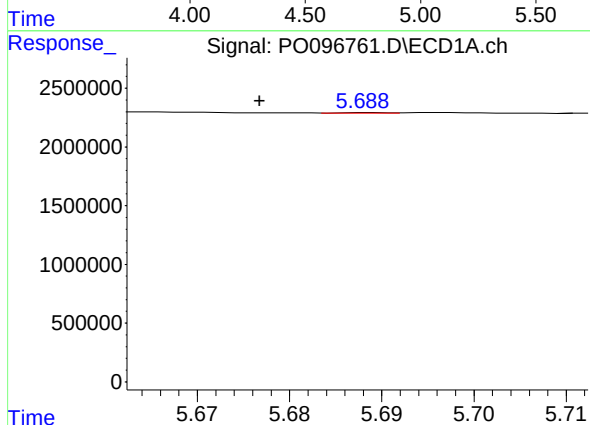
R.T.: 5.627 min
Delta R.T.: 0.014 min
Response: 574184
Conc: 4.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



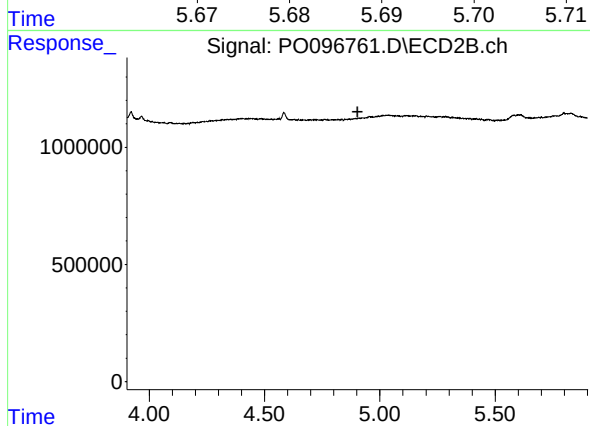
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.727 min
Response: 0
Conc: N.D.



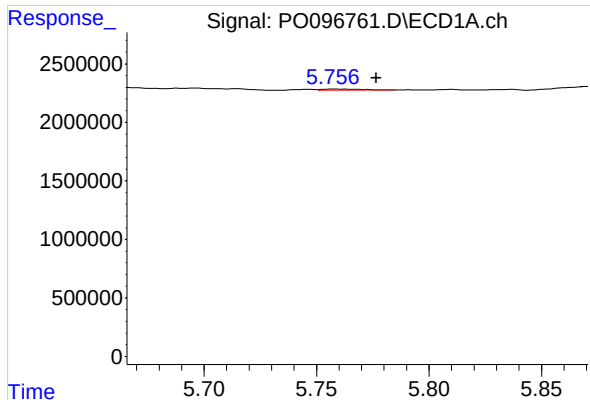
#18 AR-1242-3

R.T.: 5.689 min
Delta R.T.: 0.012 min
Response: 23460
Conc: 0.32 ng/ml



#18 AR-1242-3

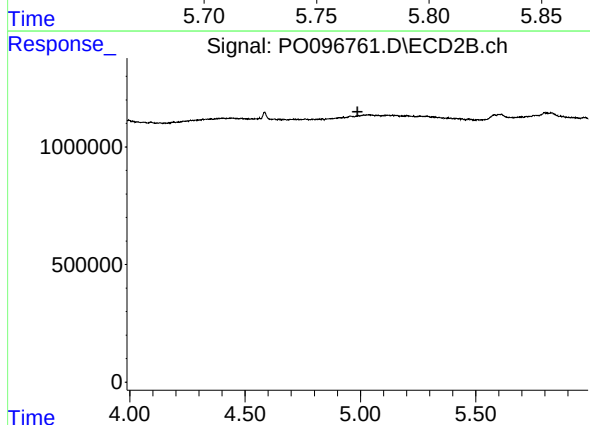
R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



#19 AR-1242-4

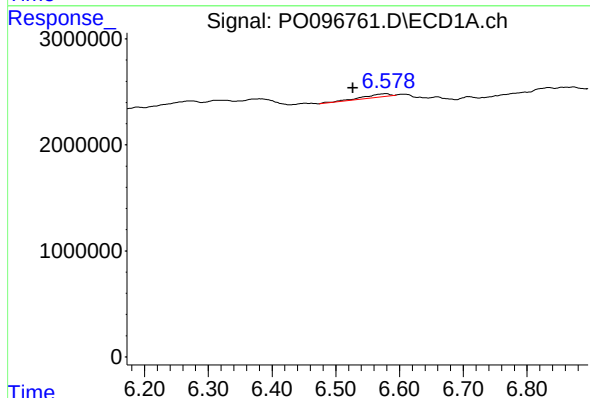
R.T.: 5.758 min
Delta R.T.: -0.019 min
Response: 115734
Conc: 1.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



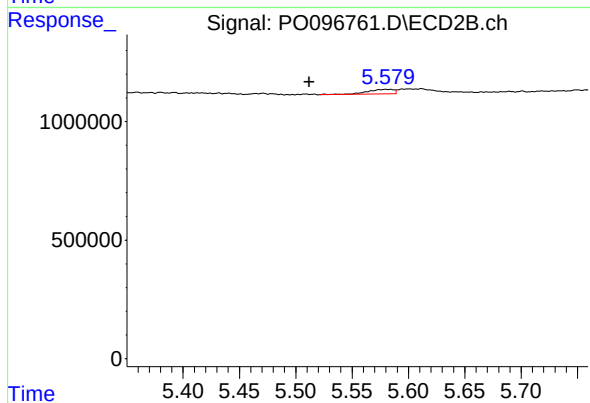
#19 AR-1242-4

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



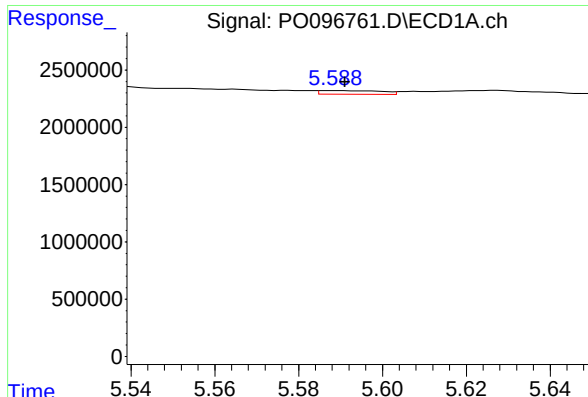
#20 AR-1242-5

R.T.: 6.579 min
Delta R.T.: 0.052 min
Response: 841195
Conc: 15.29 ng/ml



#20 AR-1242-5

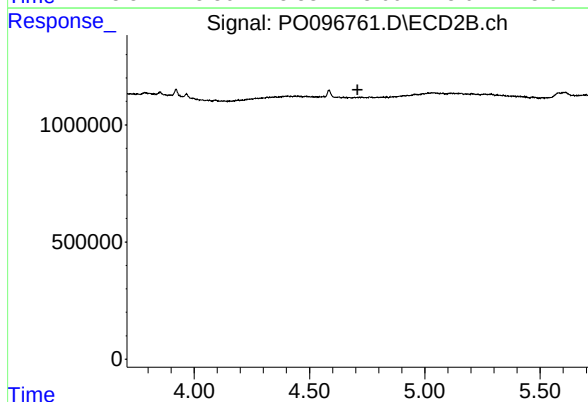
R.T.: 5.580 min
Delta R.T.: 0.068 min
Response: 310126
Conc: 8.51 ng/ml



#21 AR-1248-1

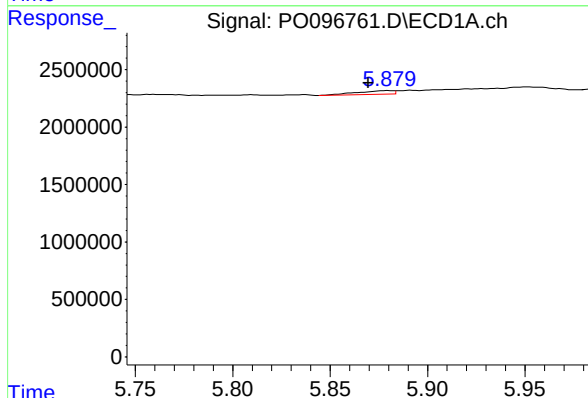
R.T.: 5.589 min
Delta R.T.: -0.002 min
Response: 324088
Conc: 5.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



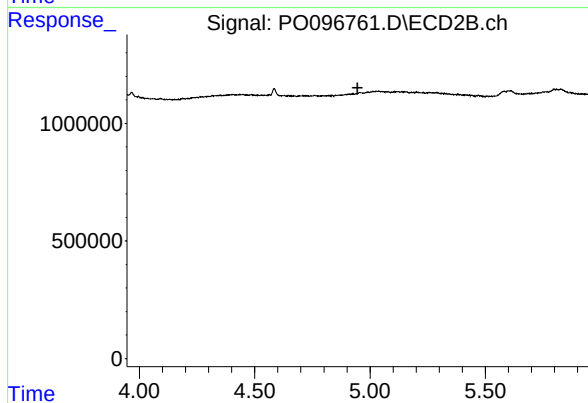
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



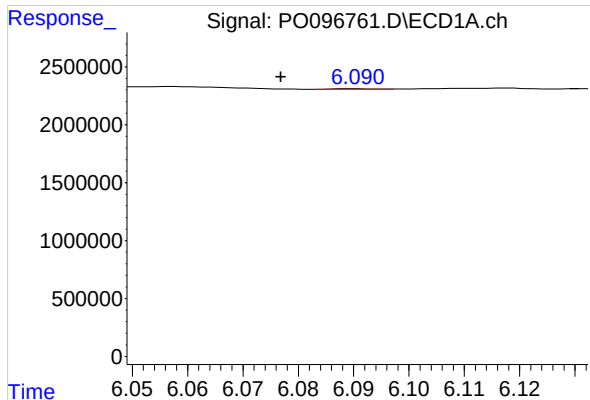
#22 AR-1248-2

R.T.: 5.880 min
Delta R.T.: 0.010 min
Response: 411009
Conc: 4.37 ng/ml



#22 AR-1248-2

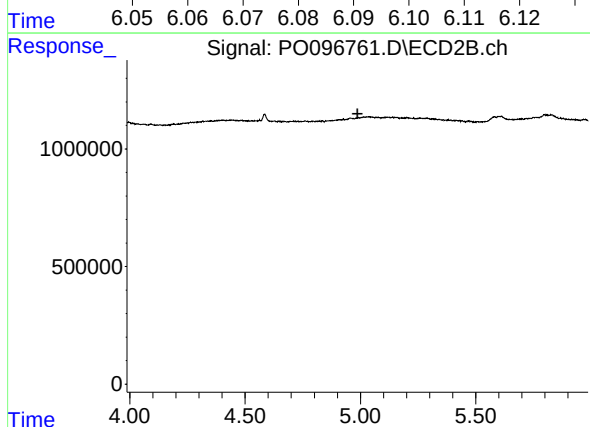
R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



#23 AR-1248-3

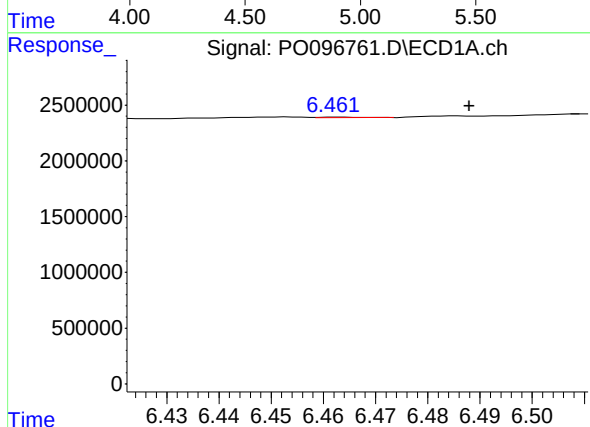
R.T.: 6.090 min
Delta R.T.: 0.013 min
Response: 21061
Conc: 0.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



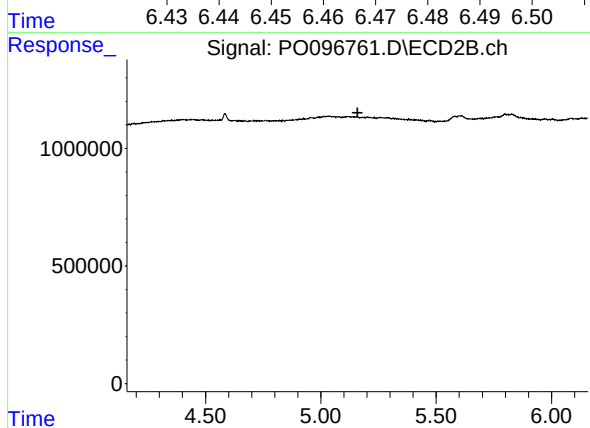
#23 AR-1248-3

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



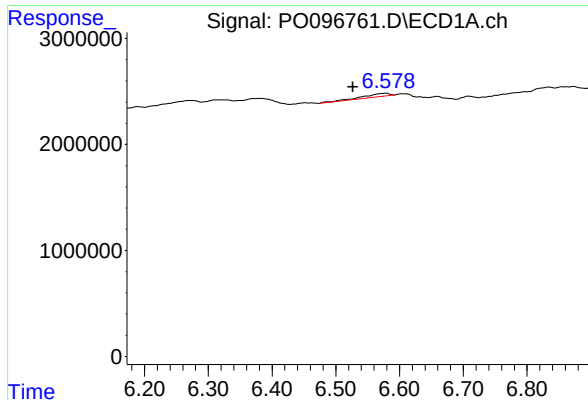
#24 AR-1248-4

R.T.: 6.463 min
Delta R.T.: -0.025 min
Response: 31997
Conc: 0.35 ng/ml



#24 AR-1248-4

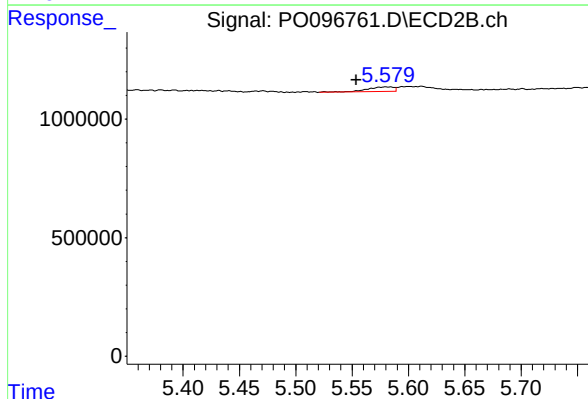
R.T.: 0.000 min
Exp R.T.: 5.159 min
Response: 0
Conc: N.D.



#25 AR-1248-5

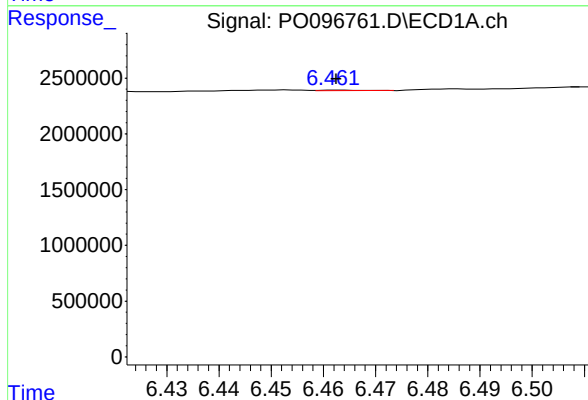
R.T.: 6.579 min
Delta R.T.: 0.052 min
Response: 841195
Conc: 9.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



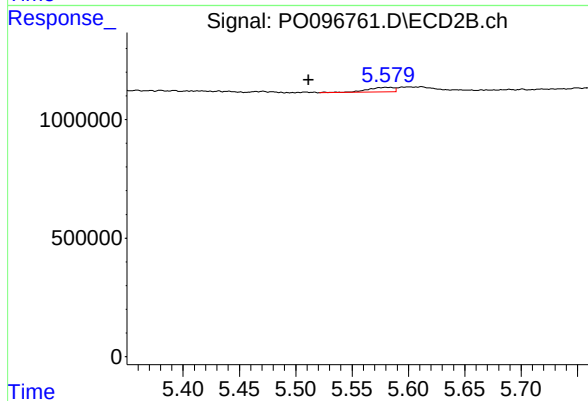
#25 AR-1248-5

R.T.: 5.580 min
Delta R.T.: 0.026 min
Response: 310126
Conc: 6.63 ng/ml



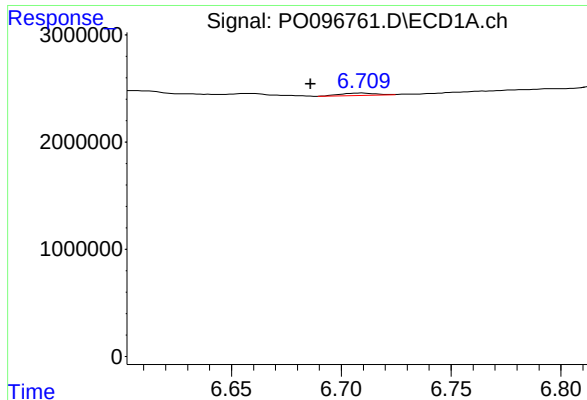
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 31997
Conc: 0.29 ng/ml



#26 AR-1254-1

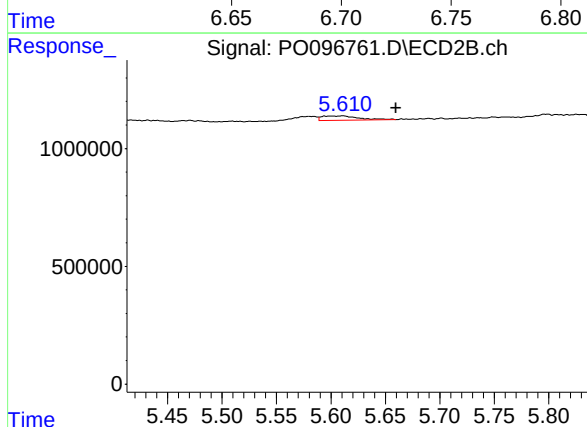
R.T.: 5.580 min
Delta R.T.: 0.069 min
Response: 310126
Conc: 4.20 ng/ml



#27 AR-1254-2

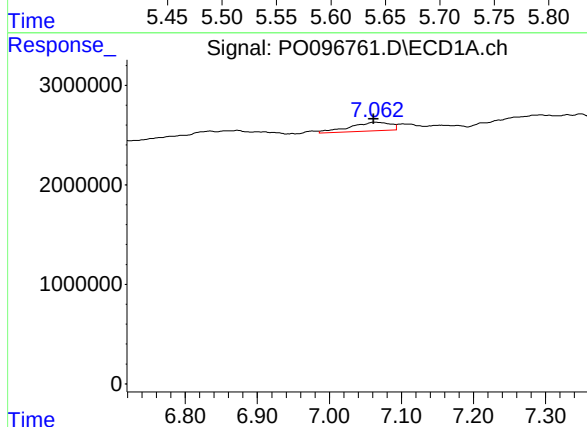
R.T.: 6.709 min
Delta R.T.: 0.023 min
Response: 255834
Conc: 1.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



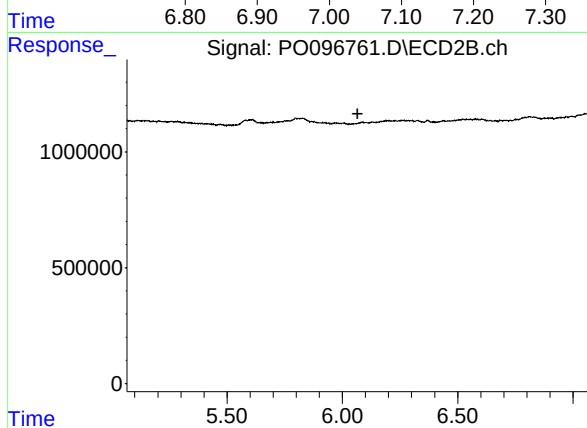
#27 AR-1254-2

R.T.: 5.611 min
Delta R.T.: -0.048 min
Response: 449422
Conc: 6.82 ng/ml



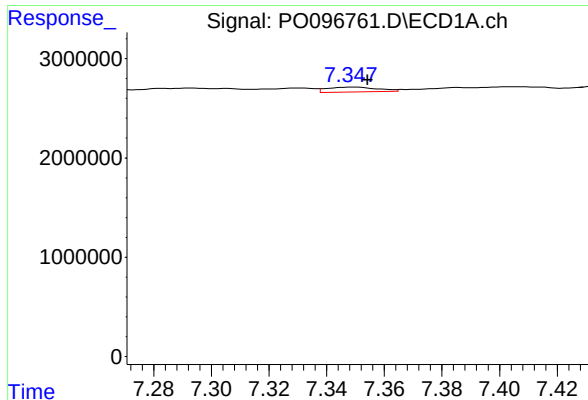
#28 AR-1254-3

R.T.: 7.064 min
Delta R.T.: 0.003 min
Response: 3402389
Conc: 21.71 ng/ml



#28 AR-1254-3

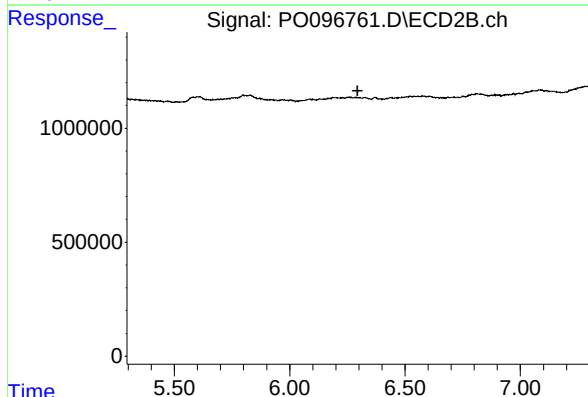
R.T.: 0.000 min
Exp R.T.: 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

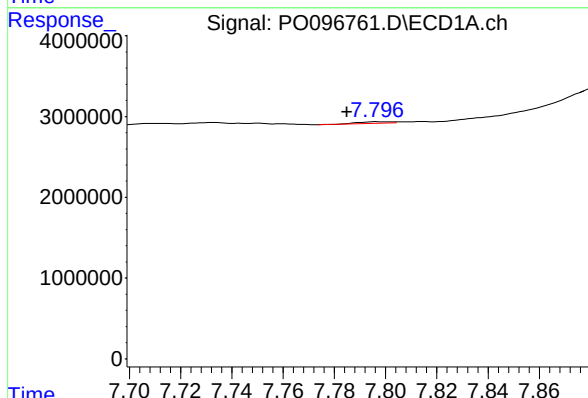
R.T.: 7.349 min
Delta R.T.: -0.005 min
Response: 607730
Conc: 6.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



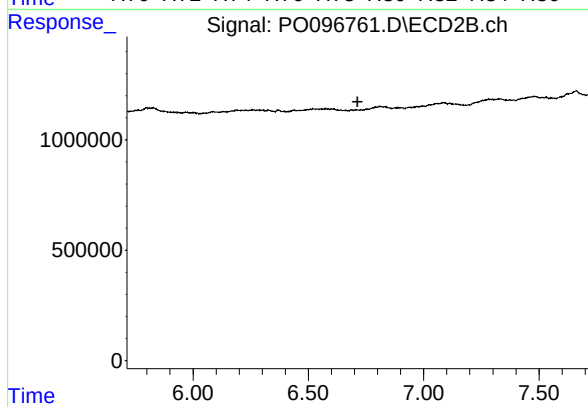
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.294 min
Response: 0
Conc: N.D.



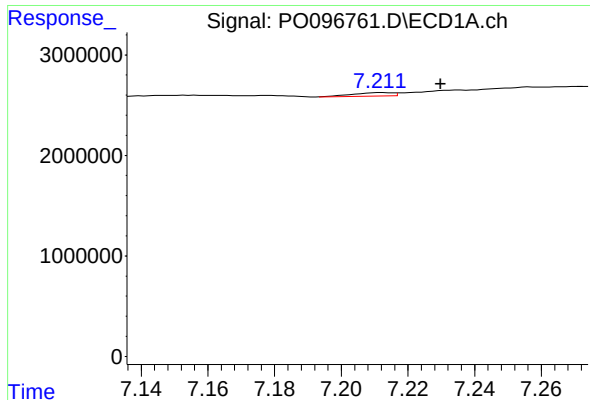
#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.012 min
Response: 184231
Conc: 1.64 ng/ml



#30 AR-1254-5

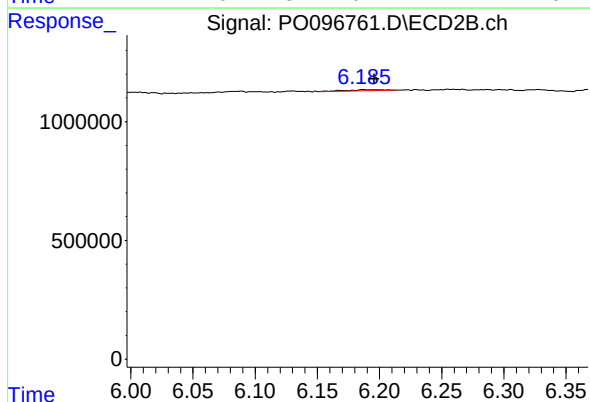
R.T.: 0.000 min
Exp R.T. : 6.713 min
Response: 0
Conc: N.D.



#31 AR-1260-1

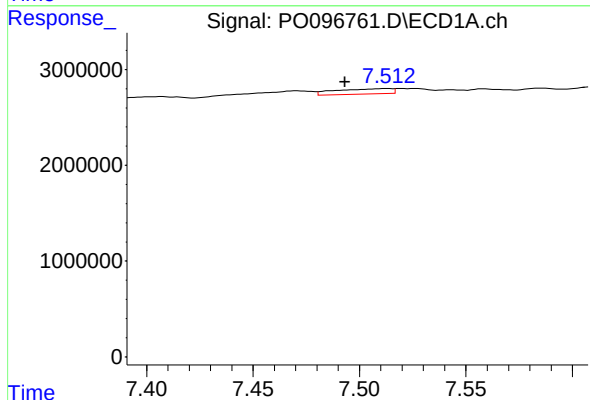
R.T.: 7.213 min
Delta R.T.: -0.017 min
Response: 271711
Conc: 2.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



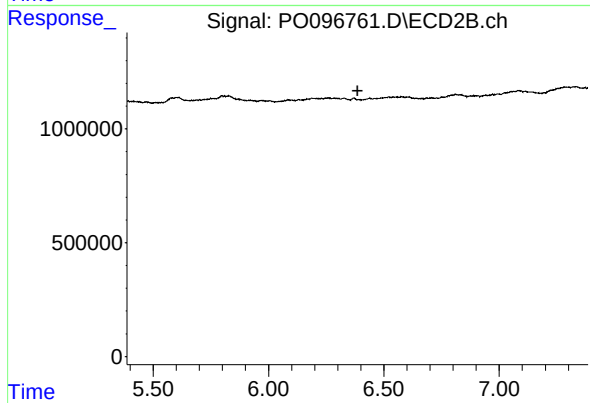
#31 AR-1260-1

R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 92499
Conc: 1.31 ng/ml



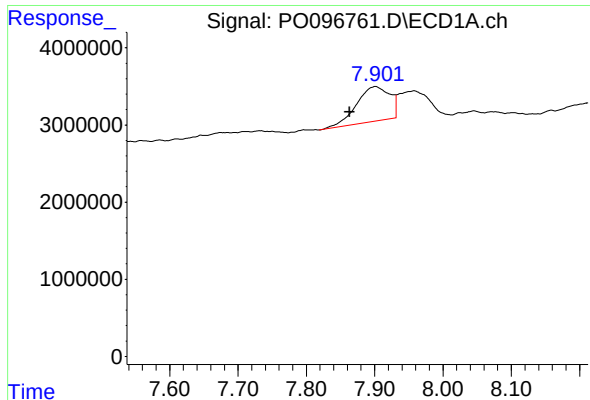
#32 AR-1260-2

R.T.: 7.513 min
Delta R.T.: 0.020 min
Response: 993777
Conc: 7.38 ng/ml



#32 AR-1260-2

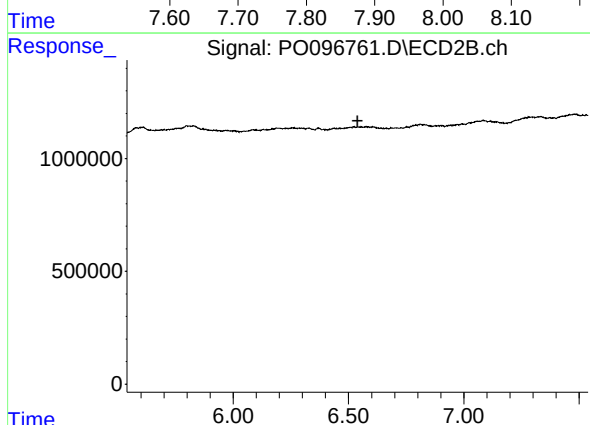
R.T.: 0.000 min
Exp R.T.: 6.385 min
Response: 0
Conc: N.D.



#33 AR-1260-3

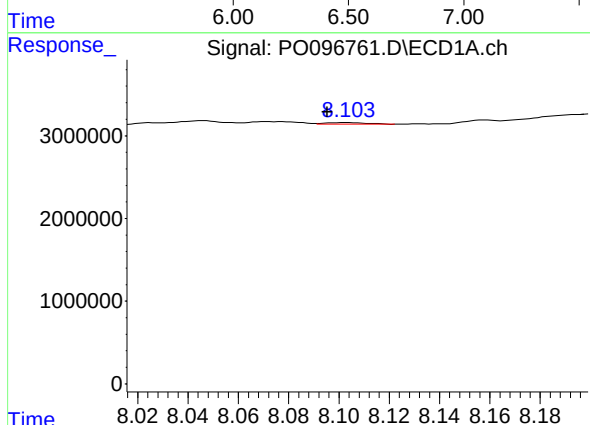
R.T.: 7.901 min
Delta R.T.: 0.038 min
Response: 15264234
Conc: 147.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



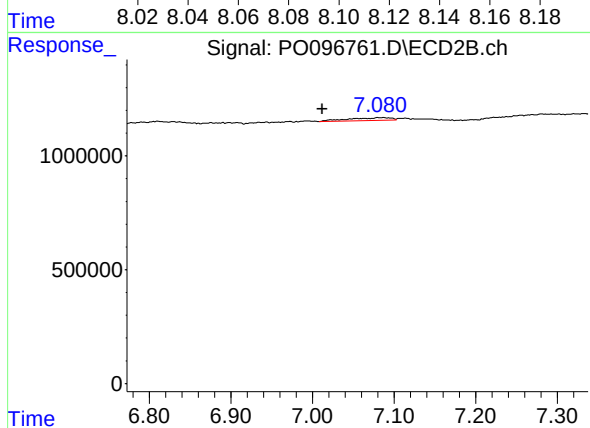
#33 AR-1260-3

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



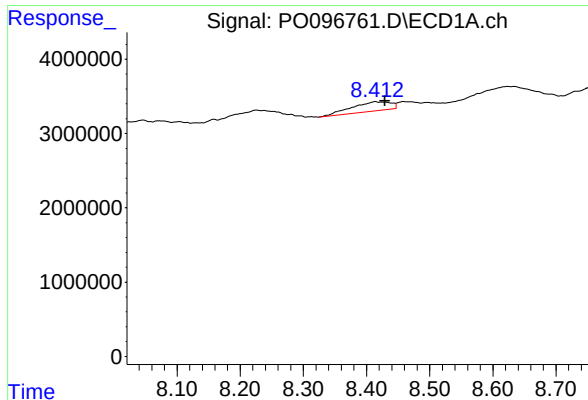
#34 AR-1260-4

R.T.: 8.103 min
Delta R.T.: 0.008 min
Response: 203929
Conc: 1.82 ng/ml



#34 AR-1260-4

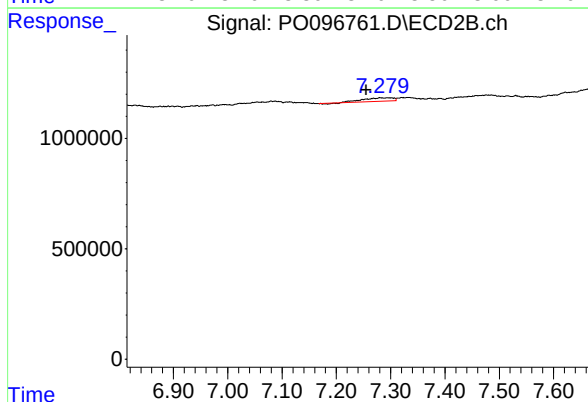
R.T.: 7.080 min
Delta R.T.: 0.068 min
Response: 450723
Conc: 7.03 ng/ml



#35 AR-1260-5

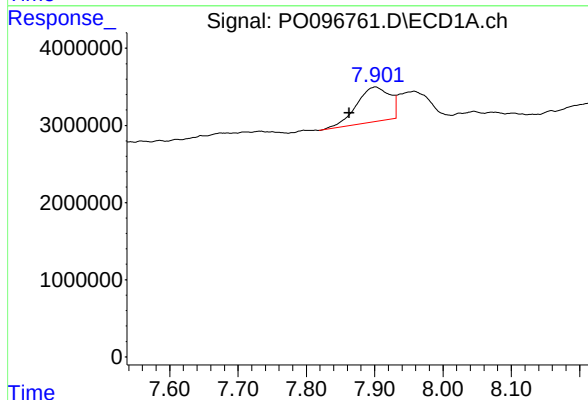
R.T.: 8.414 min
Delta R.T.: -0.016 min
Response: 5389402
Conc: 25.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



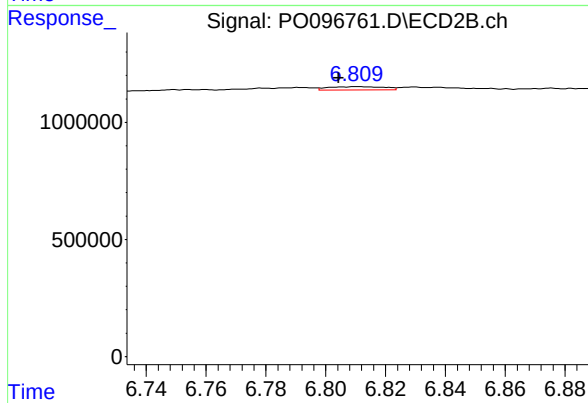
#35 AR-1260-5

R.T.: 7.280 min
Delta R.T.: 0.025 min
Response: 589172
Conc: 4.25 ng/ml



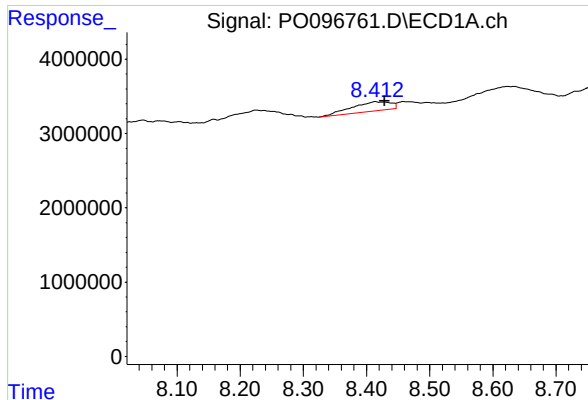
#36 AR-1262-1

R.T.: 7.901 min
Delta R.T.: 0.039 min
Response: 15264234
Conc: 102.77 ng/ml



#36 AR-1262-1

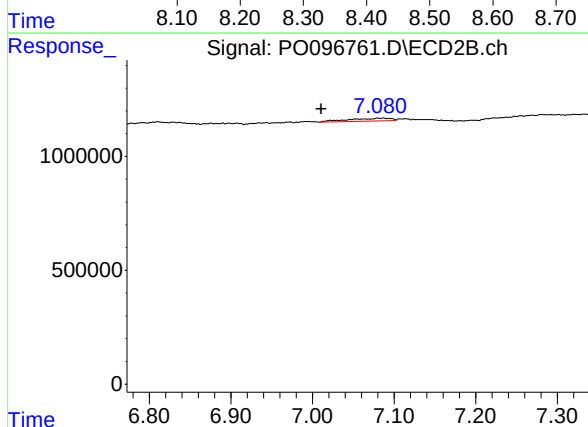
R.T.: 6.811 min
Delta R.T.: 0.006 min
Response: 180677
Conc: 4.59 ng/ml



#37 AR-1262-2

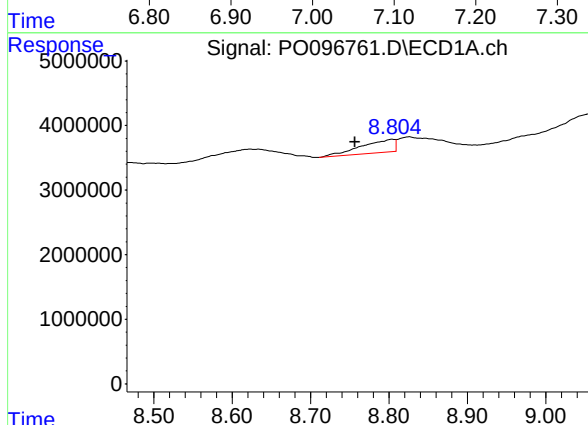
R.T.: 8.414 min
Delta R.T.: -0.015 min
Response: 5389402
Conc: 23.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



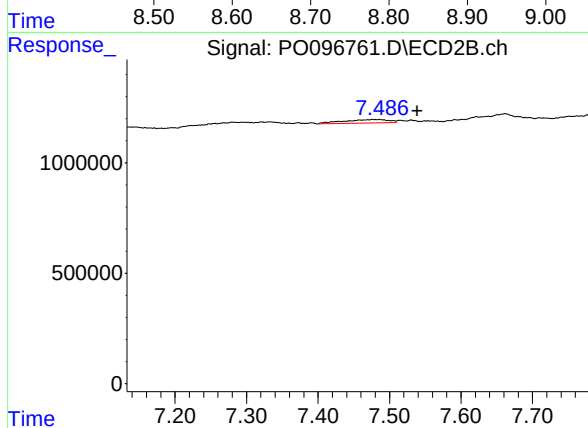
#37 AR-1262-2

R.T.: 7.080 min
Delta R.T.: 0.069 min
Response: 450723
Conc: 5.56 ng/ml



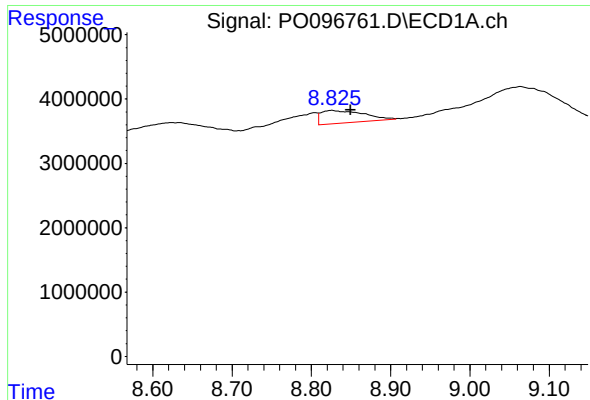
#38 AR-1262-3

R.T.: 8.805 min
Delta R.T.: 0.048 min
Response: 5993749
Conc: 35.93 ng/ml



#38 AR-1262-3

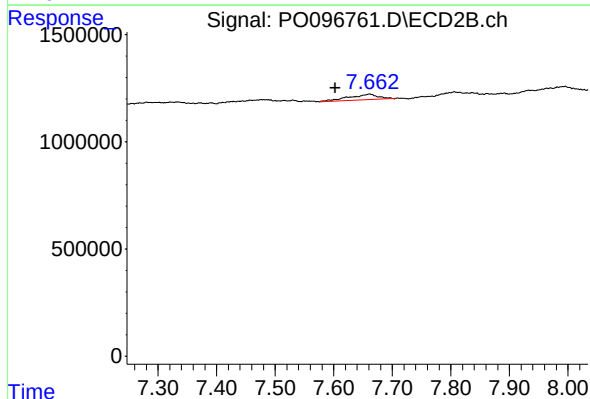
R.T.: 7.486 min
Delta R.T.: -0.053 min
Response: 670817
Conc: 10.45 ng/ml



#39 AR-1262-4

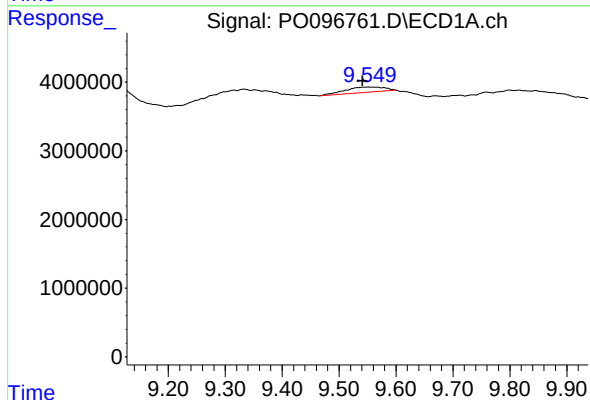
R.T.: 8.826 min
Delta R.T.: -0.024 min
Response: 7334882
Conc: 100.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



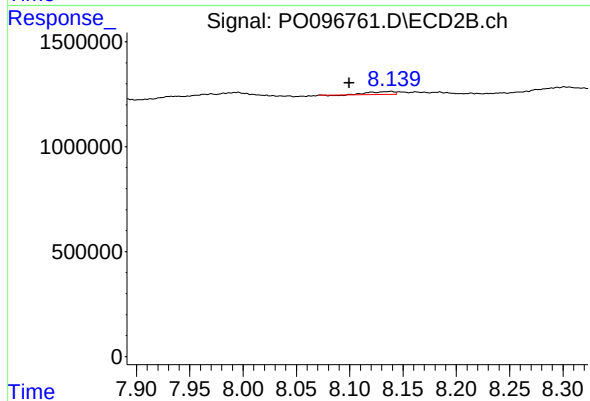
#39 AR-1262-4

R.T.: 7.662 min
Delta R.T.: 0.059 min
Response: 895888
Conc: 7.89 ng/ml



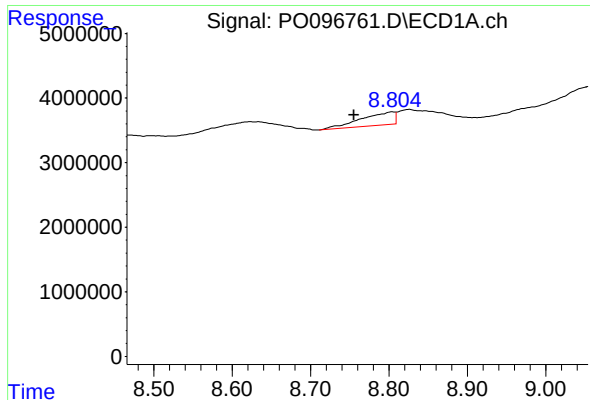
#40 AR-1262-5

R.T.: 9.550 min
Delta R.T.: 0.008 min
Response: 3747862
Conc: 45.00 ng/ml



#40 AR-1262-5

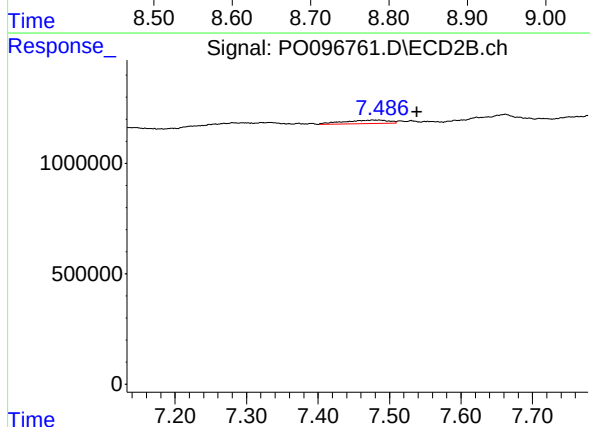
R.T.: 8.138 min
Delta R.T.: 0.039 min
Response: 209045
Conc: 3.98 ng/ml



#41 AR-1268-1

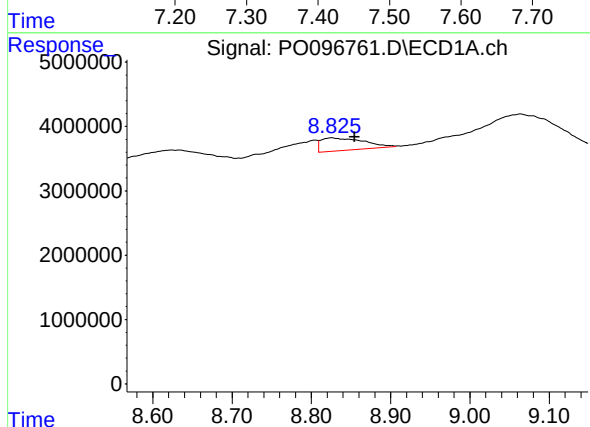
R.T.: 8.805 min
Delta R.T.: 0.049 min
Response: 5993749
Conc: 19.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



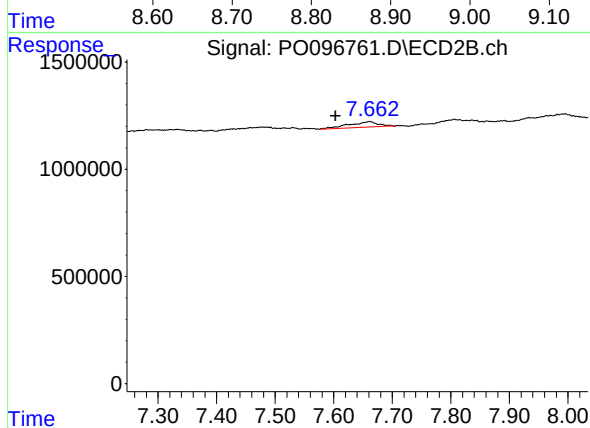
#41 AR-1268-1

R.T.: 7.486 min
Delta R.T.: -0.052 min
Response: 670817
Conc: 3.62 ng/ml



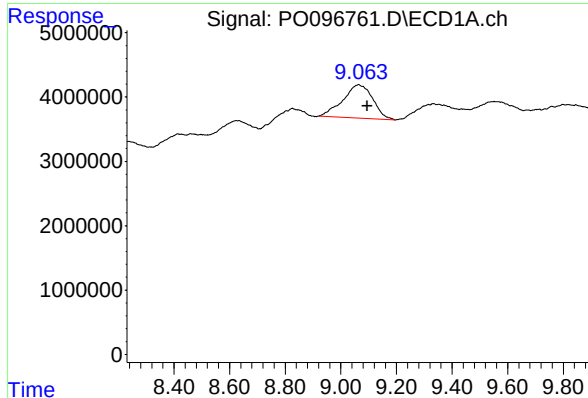
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: -0.029 min
Response: 7334882
Conc: 26.75 ng/ml



#42 AR-1268-2

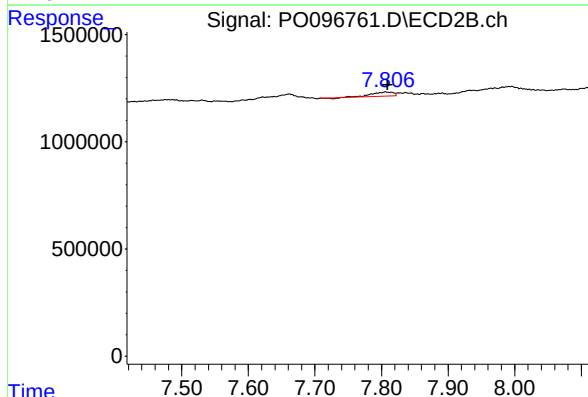
R.T.: 7.662 min
Delta R.T.: 0.058 min
Response: 895888
Conc: 5.34 ng/ml



#43 AR-1268-3

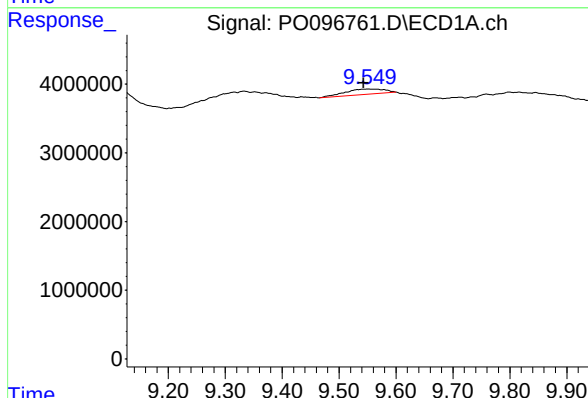
R.T.: 9.064 min
Delta R.T.: -0.032 min
Response: 38550840
Conc: 150.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



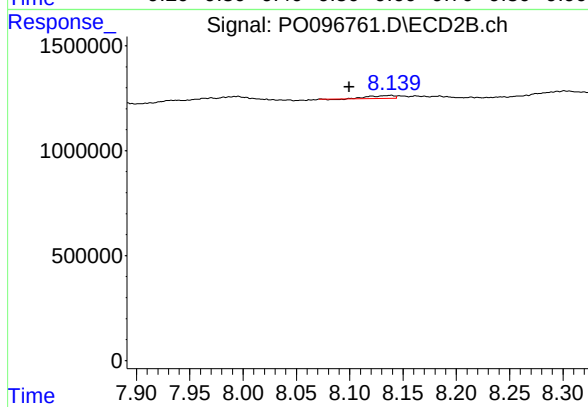
#43 AR-1268-3

R.T.: 7.806 min
Delta R.T.: -0.003 min
Response: 411170
Conc: 2.85 ng/ml



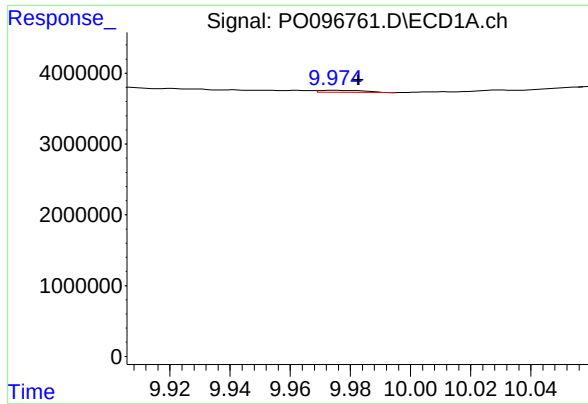
#44 AR-1268-4

R.T.: 9.550 min
Delta R.T.: 0.007 min
Response: 3747862
Conc: 40.42 ng/ml



#44 AR-1268-4

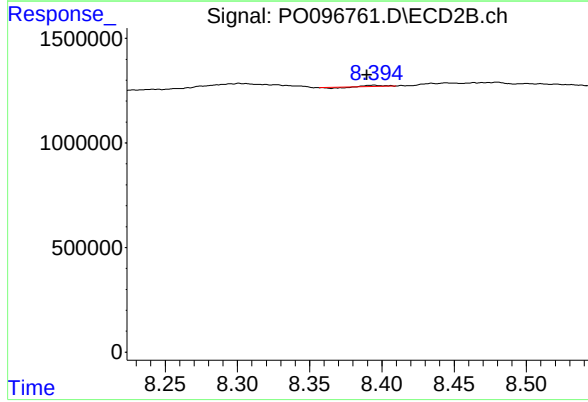
R.T.: 8.138 min
Delta R.T.: 0.039 min
Response: 209045
Conc: 3.51 ng/ml



#45 AR-1268-5

R.T.: 9.975 min
Delta R.T.: -0.008 min
Response: 302011
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.394 min
Delta R.T.: 0.004 min
Response: 20116
Conc: 0.05 ng/ml