

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080223\
 Data File : P0096609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2023 21:46
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 02:08:54 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
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System Monitoring Compounds

1) SA Tetrachlo...	4.408	3.622	70739187	28373764	21.172	20.030
2) SA Decachlor...	10.230	8.644	46505310	26805540	21.019	22.788

Target Compounds

3) L1 AR-1016-1	5.592	0.000	39467	0	0.421	N.D. #
4) L1 AR-1016-2	5.633	0.000	72216	0	0.541	N.D. #
5) L1 AR-1016-3	5.683	4.972f	46044	260411	0.554	7.628 #
6) L1 AR-1016-4	5.797	4.972	44550	260411	0.656	8.921 #
7) L1 AR-1016-5	6.080	5.159	52296	361039	0.730	9.498 #
8) L2 AR-1221-1	4.677f	0.000	40205	0	0.977	N.D. #
9) L2 AR-1221-2	4.719	3.922	1300997	382132	43.280	26.982 #
10) L2 AR-1221-3	4.795	3.968f	95698	147824	1.089	3.570 #
11) L3 AR-1232-1	4.795	3.968f	95698	147824	1.331	4.351 #
12) L3 AR-1232-2	5.339	0.000	168378	0	4.288	N.D. #
13) L3 AR-1232-3	5.633	4.972f	72216	260411	1.185	16.708 #
14) L3 AR-1232-4	5.797	5.011	44550	172083	1.468	11.325 #
15) L3 AR-1232-5	5.909	5.159	322538	361039	11.594	21.675 #
16) L4 AR-1242-1	5.592	0.000	39467	0	0.487	N.D. #
17) L4 AR-1242-2	5.633	0.000	72216	0	0.631	N.D. #
18) L4 AR-1242-3	5.683	4.972f	46044	260411	0.647	8.858 #
19) L4 AR-1242-4	5.797	5.011	44550	172083	0.771	5.490 #
20) L4 AR-1242-5	6.504	0.000	636209	0	11.475	N.D. #
21) L5 AR-1248-1	5.592	0.000	39467	0	0.687	N.D. #
22) L5 AR-1248-2	5.909	4.972	322538	260411	3.478	6.177 #
23) L5 AR-1248-3	6.080	5.011	52296	172083	0.531	3.916 #
24) L5 AR-1248-4	6.485	5.159	577680	361039	6.223	7.042
25) L5 AR-1248-5	6.504	5.600f	636209	1415641	6.889	30.159 #
26) L6 AR-1254-1	6.456	0.000	2073046	0	19.603	N.D. #
27) L6 AR-1254-2	6.682	5.735f	173335	659520	1.117	10.105 #
28) L6 AR-1254-3	7.043	6.089	3409973	765051	22.343	7.582 #
29) L6 AR-1254-4	7.326	6.305	51603	320613	0.528	5.375 #
30) L6 AR-1254-5	7.755	0.000	660018	0	5.990	N.D. #
31) L7 AR-1260-1	7.219	6.217	1218702	834036	9.366	11.445
32) L7 AR-1260-2	7.500	6.370	11898	1298000	0.087	15.009 #
33) L7 AR-1260-3	7.755	0.000	660018	0	4.317	N.D. #
34) L7 AR-1260-4	8.078	0.000	425350	0	3.493	N.D. #
35) L7 AR-1260-5	8.407	0.000	232389	0	1.057	N.D. #
36) L8 AR-1262-1	7.845	6.821	1740244	225890	11.787	5.750 #
37) L8 AR-1262-2	8.407	0.000	232389	0	1.019	N.D. #
38) L8 AR-1262-3	8.717	0.000	571952	0	3.441	N.D. #
39) L8 AR-1262-4	8.800	7.662f	127739	277851	0.988	2.453 #
40) L8 AR-1262-5	9.467	0.000	29170	0	0.342	N.D. #
41) L9 AR-1268-1	8.717	0.000	571952	0	1.880	N.D. #

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Integration File signal 1: autoint1.e
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 Integrator: ChemStation

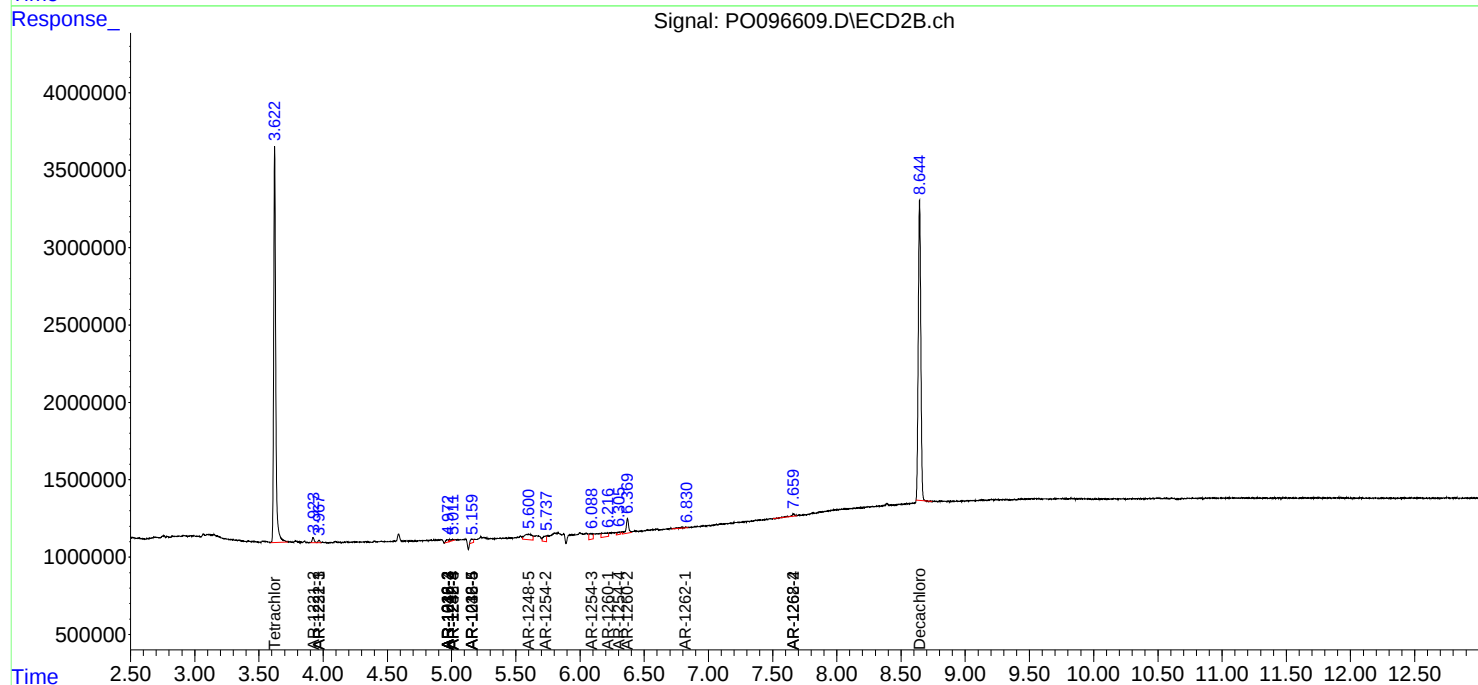
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

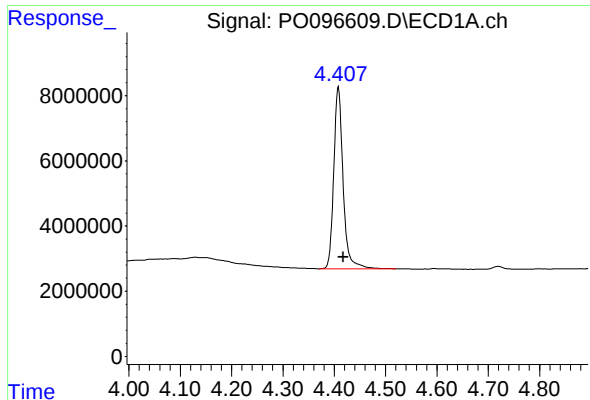
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.800	7.662f	127739	277851	0.477	1.651 #
43) L9	AR-1268-3	9.040	7.813	113294	-43826	0.453	N.D. #
44) L9	AR-1268-4	9.467	0.000	29170	0	0.315	N.D. #
45) L9	AR-1268-5	9.922	0.000	154540	0	0.194	N.D. #

(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

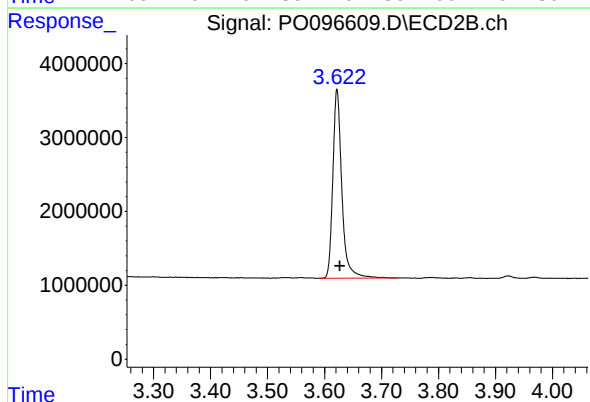




#1 Tetrachloro-m-xylene

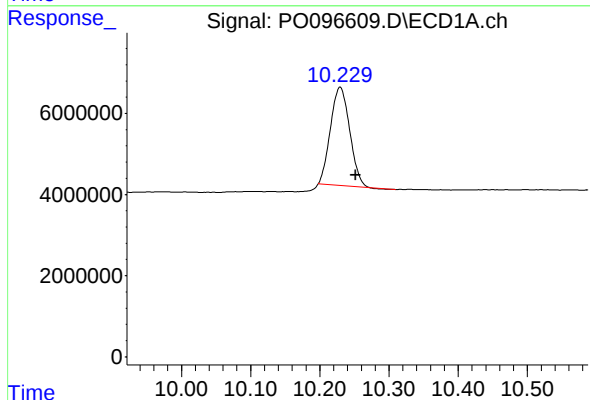
R.T.: 4.408 min
Delta R.T.: -0.010 min
Response: 70739187
Conc: 21.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



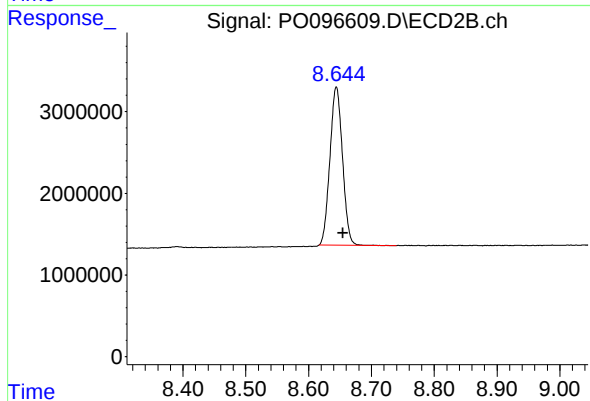
#1 Tetrachloro-m-xylene

R.T.: 3.622 min
Delta R.T.: -0.005 min
Response: 28373764
Conc: 20.03 ng/ml



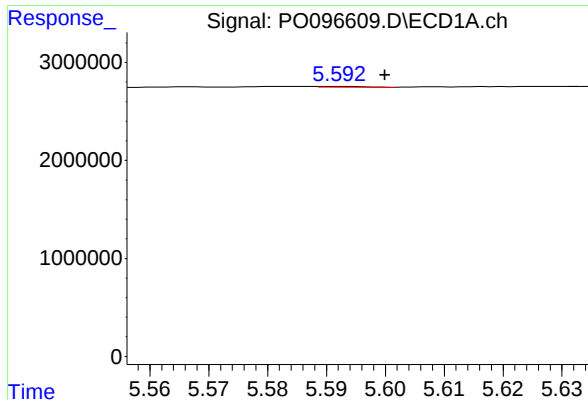
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: -0.022 min
Response: 46505310
Conc: 21.02 ng/ml



#2 Decachlorobiphenyl

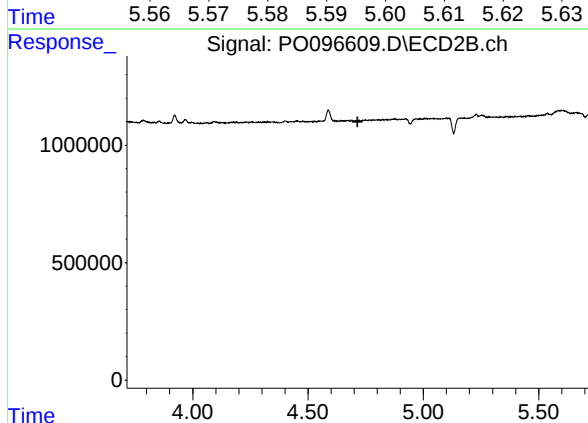
R.T.: 8.644 min
Delta R.T.: -0.010 min
Response: 26805540
Conc: 22.79 ng/ml



#3 AR-1016-1

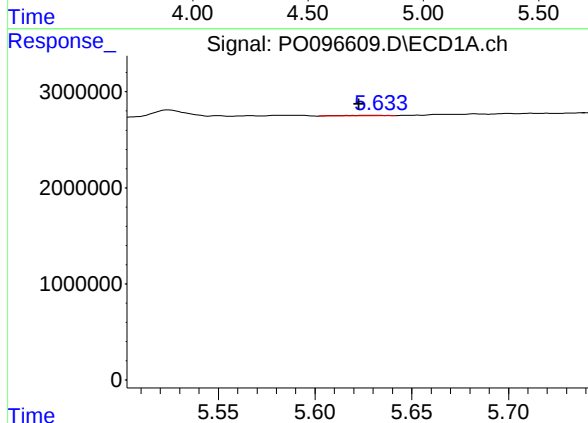
R.T.: 5.592 min
Delta R.T.: -0.007 min
Response: 39467
Conc: 0.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



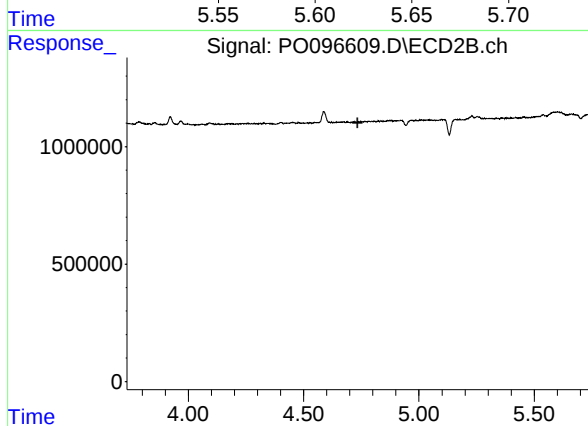
#3 AR-1016-1

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



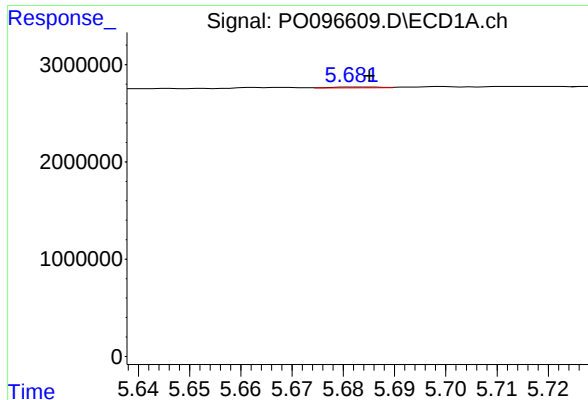
#4 AR-1016-2

R.T.: 5.633 min
Delta R.T.: 0.011 min
Response: 72216
Conc: 0.54 ng/ml



#4 AR-1016-2

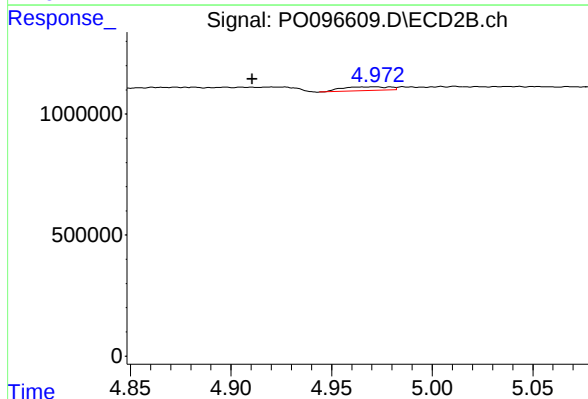
R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



#5 AR-1016-3

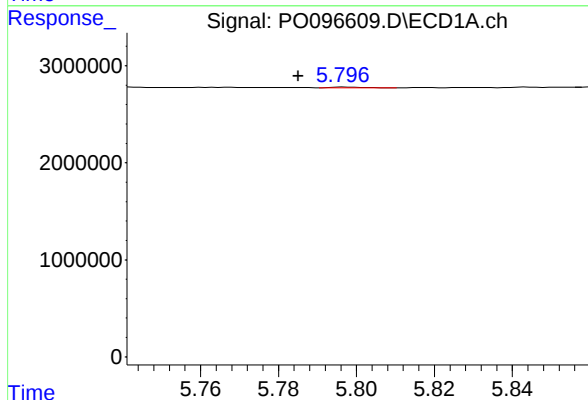
R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 46044
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



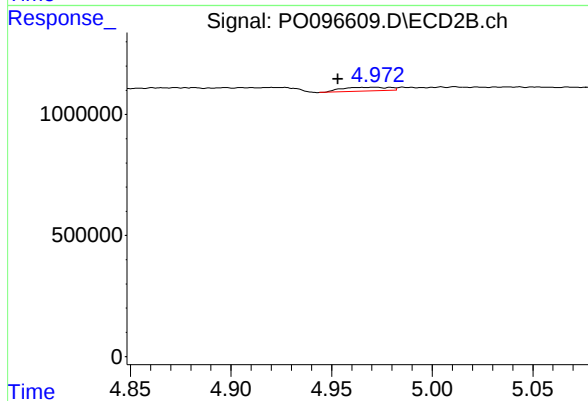
#5 AR-1016-3

R.T.: 4.972 min
Delta R.T.: 0.061 min
Response: 260411
Conc: 7.63 ng/ml



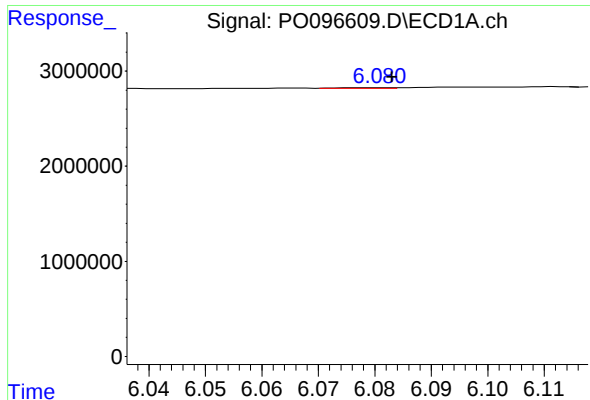
#6 AR-1016-4

R.T.: 5.797 min
Delta R.T.: 0.012 min
Response: 44550
Conc: 0.66 ng/ml



#6 AR-1016-4

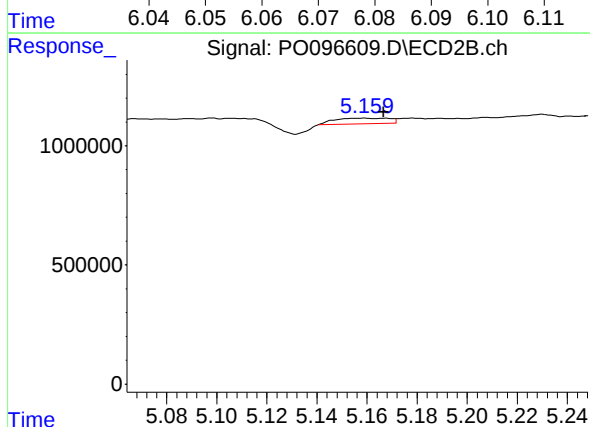
R.T.: 4.972 min
Delta R.T.: 0.019 min
Response: 260411
Conc: 8.92 ng/ml



#7 AR-1016-5

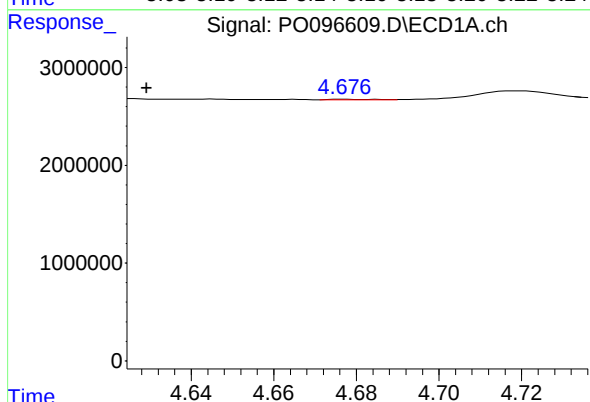
R.T.: 6.080 min
Delta R.T.: -0.003 min
Response: 52296
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



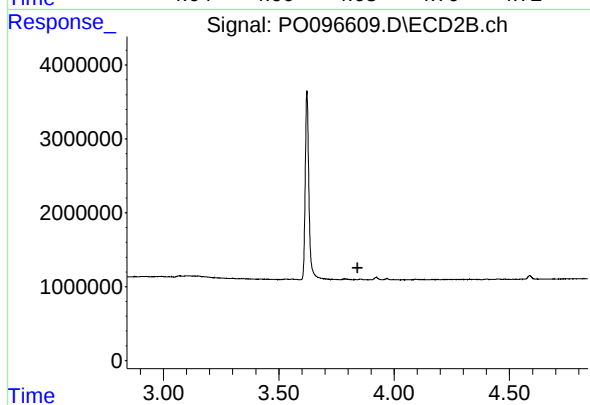
#7 AR-1016-5

R.T.: 5.159 min
Delta R.T.: -0.008 min
Response: 361039
Conc: 9.50 ng/ml



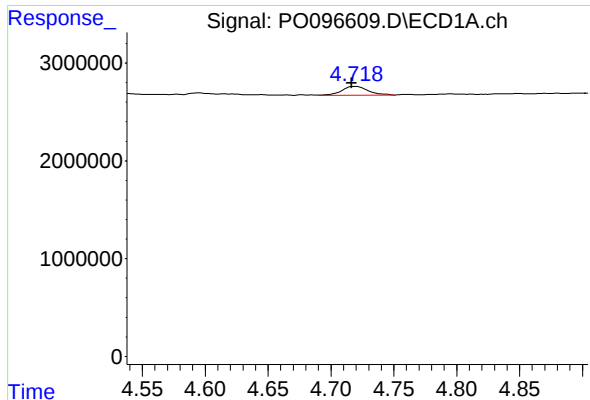
#8 AR-1221-1

R.T.: 4.677 min
Delta R.T.: 0.048 min
Response: 40205
Conc: 0.98 ng/ml



#8 AR-1221-1

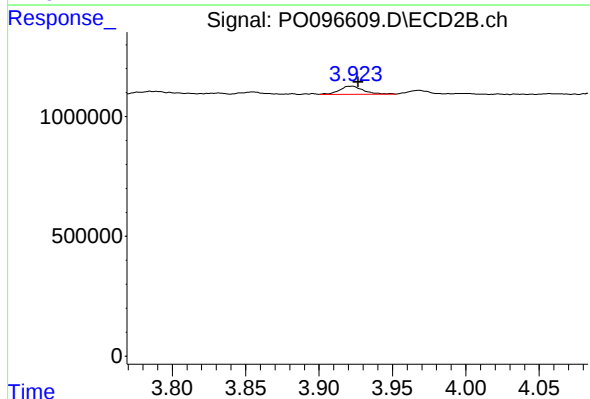
R.T.: 0.000 min
Exp R.T.: 3.842 min
Response: 0
Conc: N.D.



#9 AR-1221-2

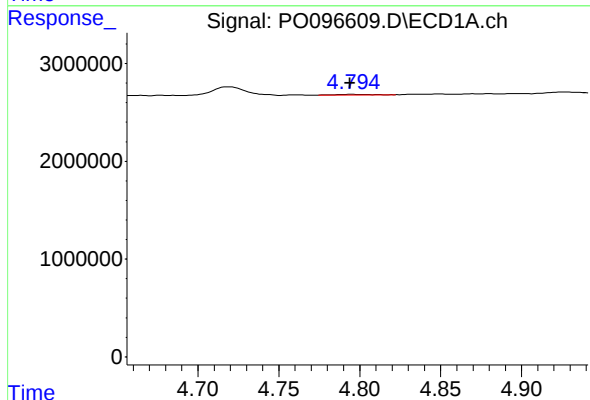
R.T.: 4.719 min
Delta R.T.: 0.002 min
Response: 1300997
Conc: 43.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



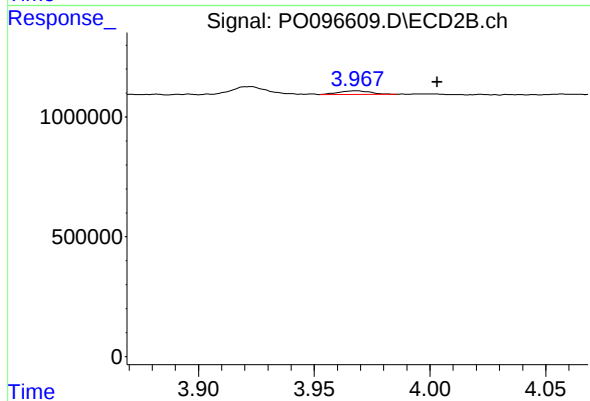
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.005 min
Response: 382132
Conc: 26.98 ng/ml



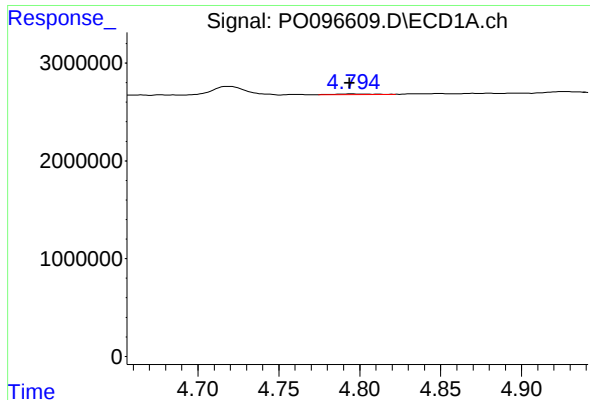
#10 AR-1221-3

R.T.: 4.795 min
Delta R.T.: 0.001 min
Response: 95698
Conc: 1.09 ng/ml



#10 AR-1221-3

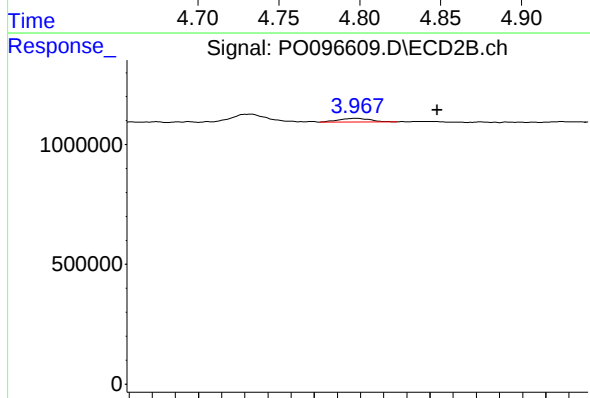
R.T.: 3.968 min
Delta R.T.: -0.035 min
Response: 147824
Conc: 3.57 ng/ml



#11 AR-1232-1

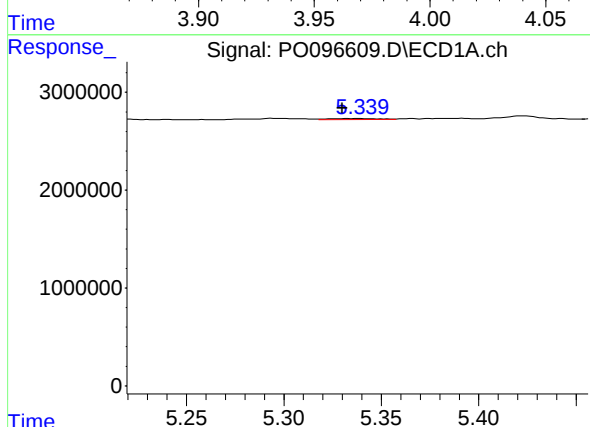
R.T.: 4.795 min
Delta R.T.: 0.002 min
Response: 95698
Conc: 1.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



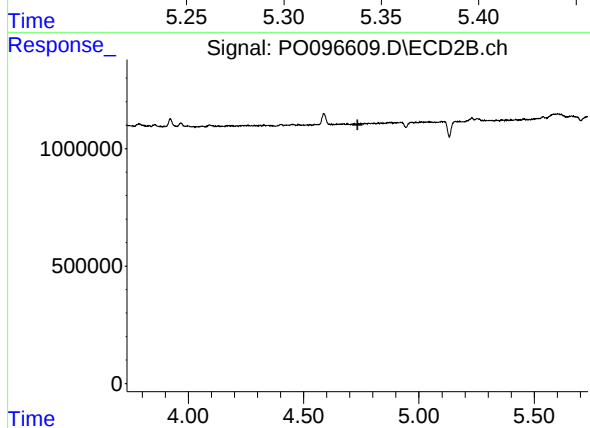
#11 AR-1232-1

R.T.: 3.968 min
Delta R.T.: -0.035 min
Response: 147824
Conc: 4.35 ng/ml



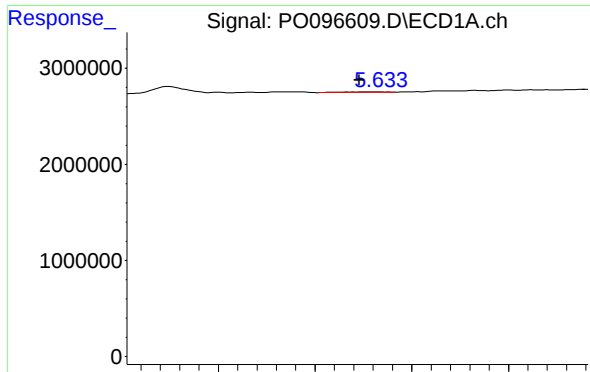
#12 AR-1232-2

R.T.: 5.339 min
Delta R.T.: 0.009 min
Response: 168378
Conc: 4.29 ng/ml



#12 AR-1232-2

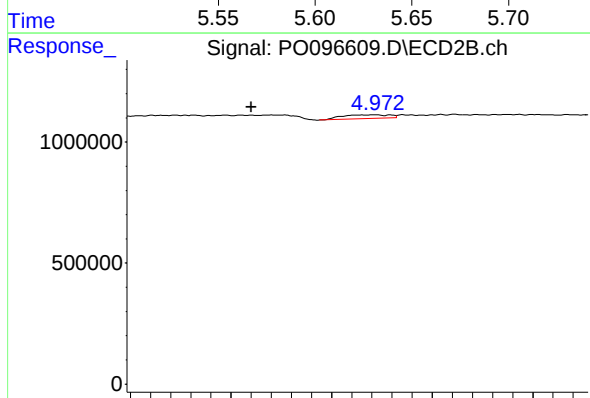
R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



#13 AR-1232-3

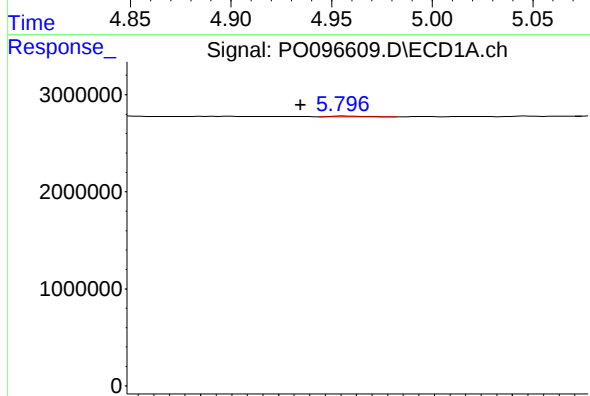
R.T.: 5.633 min
Delta R.T.: 0.010 min
Response: 72216
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



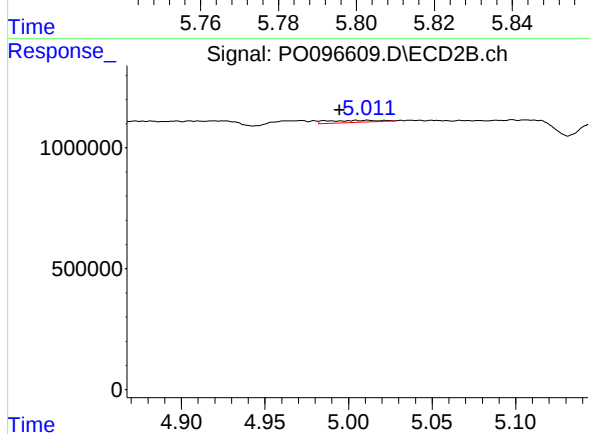
#13 AR-1232-3

R.T.: 4.972 min
Delta R.T.: 0.062 min
Response: 260411
Conc: 16.71 ng/ml



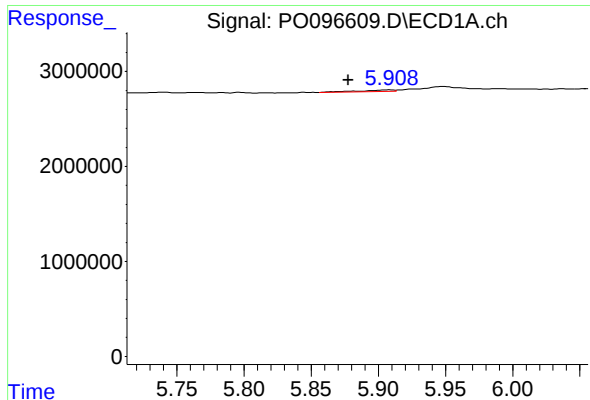
#14 AR-1232-4

R.T.: 5.797 min
Delta R.T.: 0.011 min
Response: 44550
Conc: 1.47 ng/ml



#14 AR-1232-4

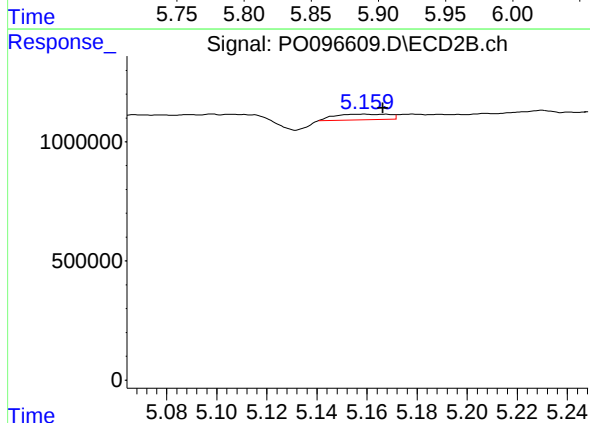
R.T.: 5.011 min
Delta R.T.: 0.017 min
Response: 172083
Conc: 11.33 ng/ml



#15 AR-1232-5

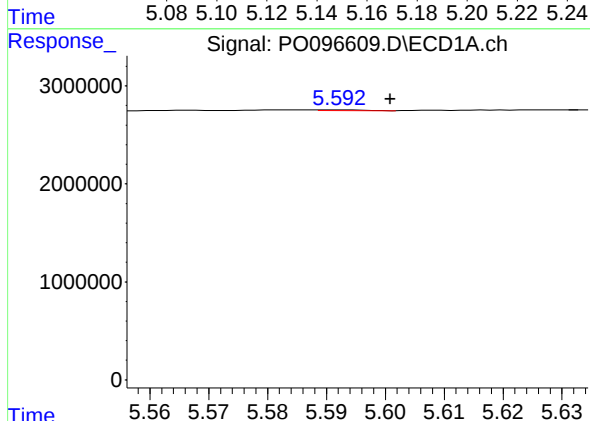
R.T.: 5.909 min
Delta R.T.: 0.031 min
Response: 322538
Conc: 11.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



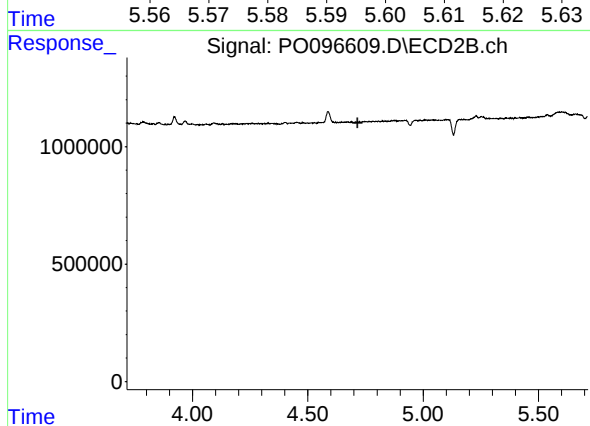
#15 AR-1232-5

R.T.: 5.159 min
Delta R.T.: -0.008 min
Response: 361039
Conc: 21.67 ng/ml



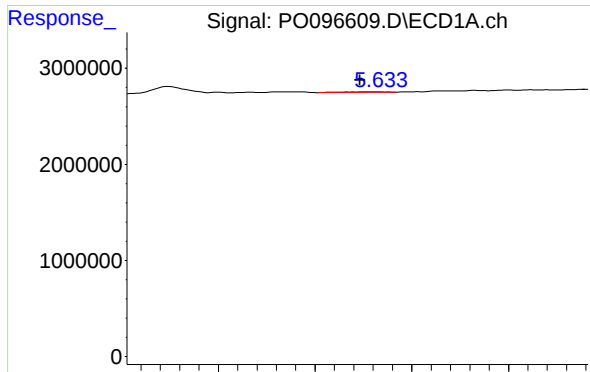
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: -0.008 min
Response: 39467
Conc: 0.49 ng/ml



#16 AR-1242-1

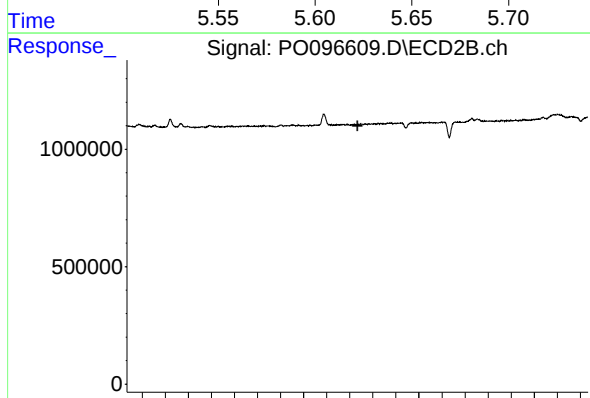
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.



#17 AR-1242-2

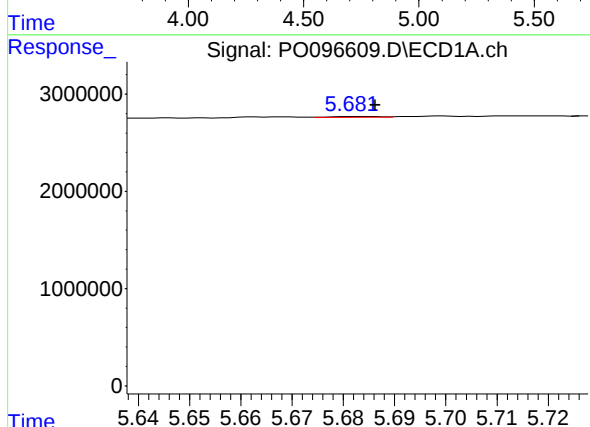
R.T.: 5.633 min
Delta R.T.: 0.010 min
Response: 72216
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



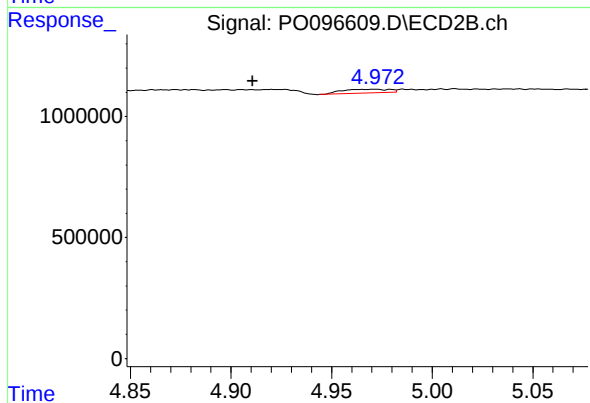
#17 AR-1242-2

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



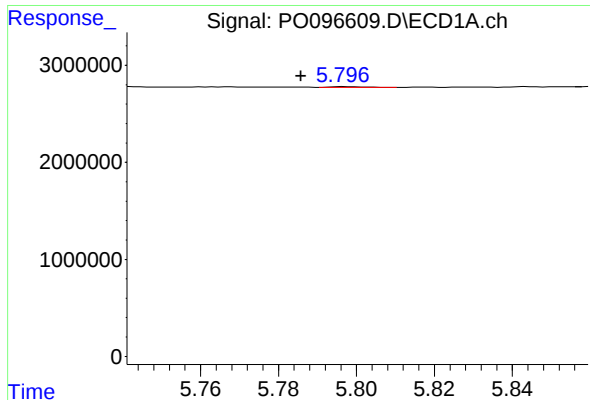
#18 AR-1242-3

R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 46044
Conc: 0.65 ng/ml



#18 AR-1242-3

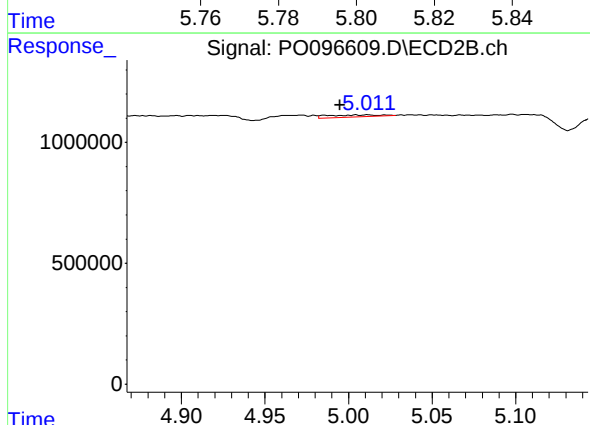
R.T.: 4.972 min
Delta R.T.: 0.061 min
Response: 260411
Conc: 8.86 ng/ml



#19 AR-1242-4

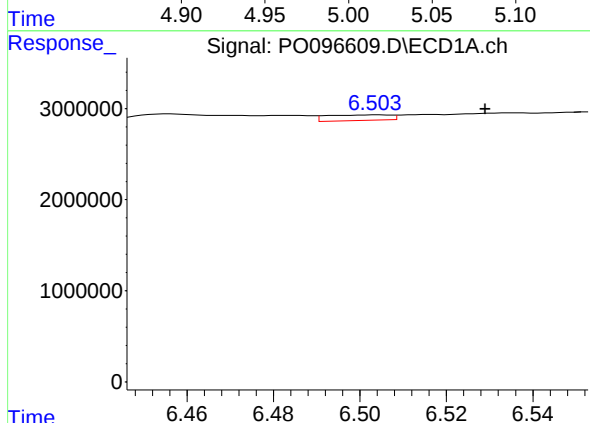
R.T.: 5.797 min
Delta R.T.: 0.011 min
Response: 44550
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



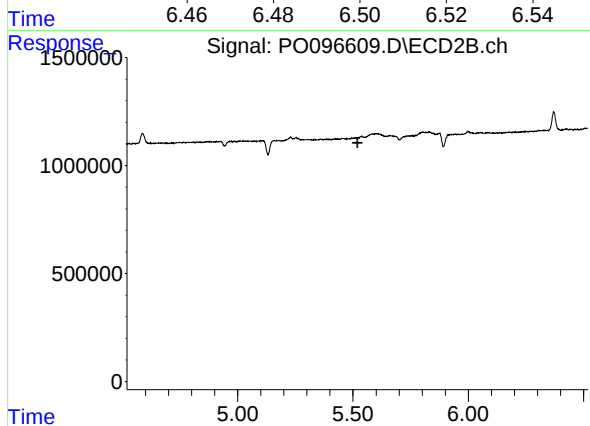
#19 AR-1242-4

R.T.: 5.011 min
Delta R.T.: 0.017 min
Response: 172083
Conc: 5.49 ng/ml



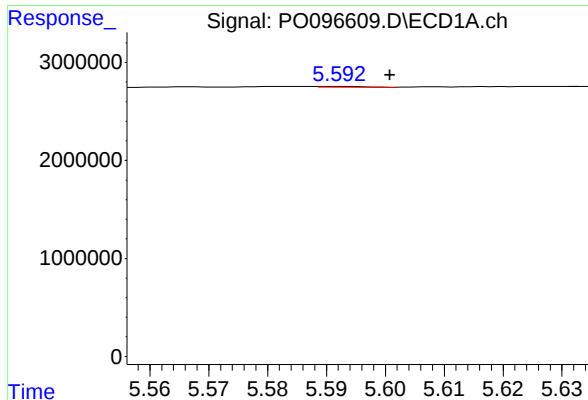
#20 AR-1242-5

R.T.: 6.504 min
Delta R.T.: -0.025 min
Response: 636209
Conc: 11.47 ng/ml



#20 AR-1242-5

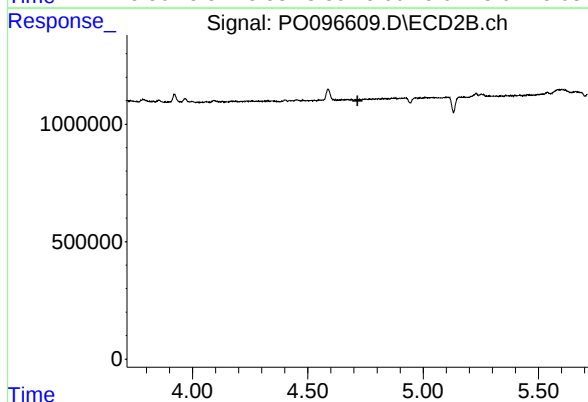
R.T.: 0.000 min
Exp R.T.: 5.520 min
Response: 0
Conc: N.D.



#21 AR-1248-1

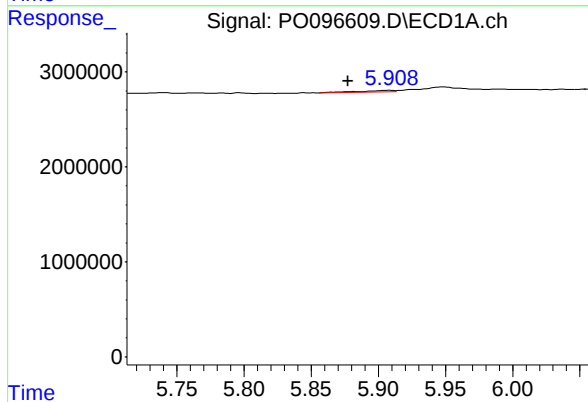
R.T.: 5.592 min
Delta R.T.: -0.008 min
Response: 39467
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



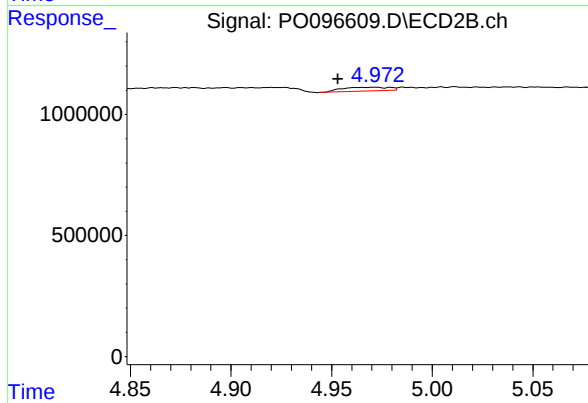
#21 AR-1248-1

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



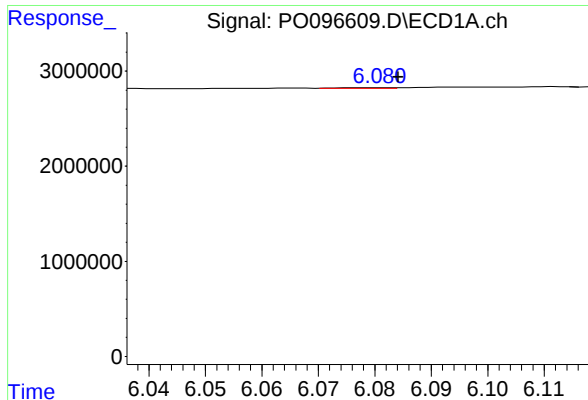
#22 AR-1248-2

R.T.: 5.909 min
Delta R.T.: 0.031 min
Response: 322538
Conc: 3.48 ng/ml



#22 AR-1248-2

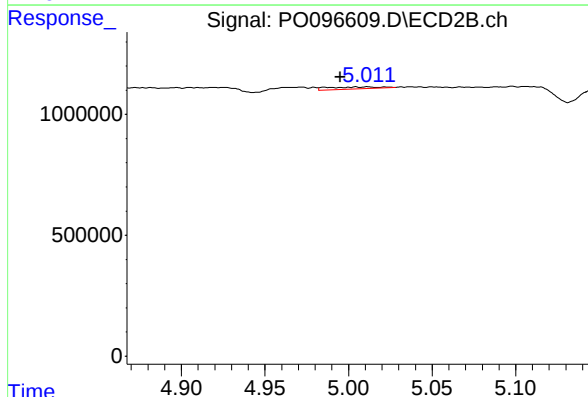
R.T.: 4.972 min
Delta R.T.: 0.019 min
Response: 260411
Conc: 6.18 ng/ml



#23 AR-1248-3

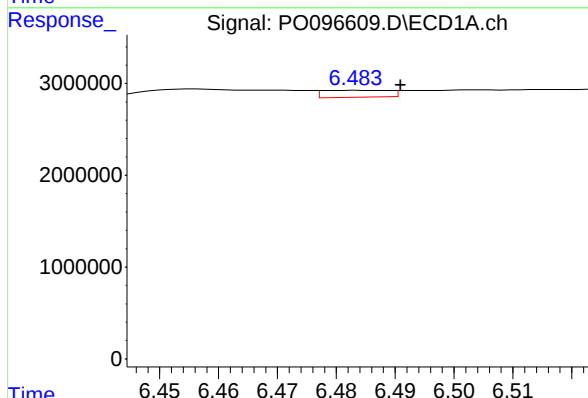
R.T.: 6.080 min
Delta R.T.: -0.004 min
Response: 52296
Conc: 0.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



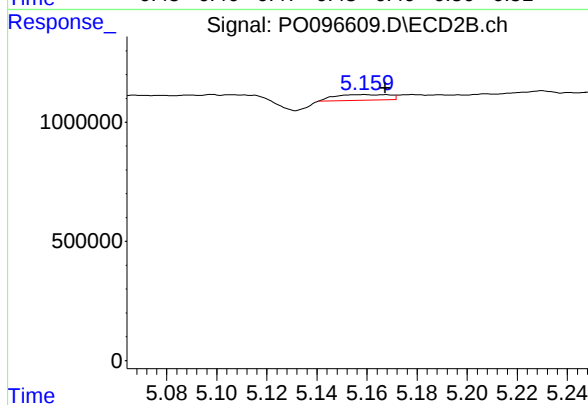
#23 AR-1248-3

R.T.: 5.011 min
Delta R.T.: 0.016 min
Response: 172083
Conc: 3.92 ng/ml



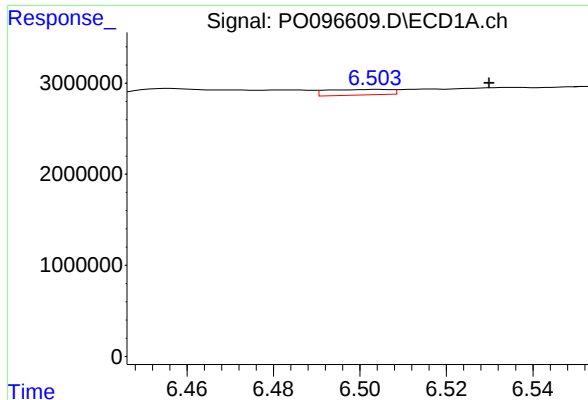
#24 AR-1248-4

R.T.: 6.485 min
Delta R.T.: -0.006 min
Response: 577680
Conc: 6.22 ng/ml



#24 AR-1248-4

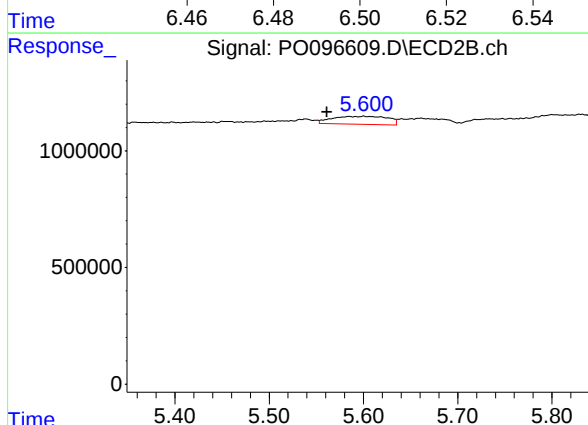
R.T.: 5.159 min
Delta R.T.: -0.008 min
Response: 361039
Conc: 7.04 ng/ml



#25 AR-1248-5

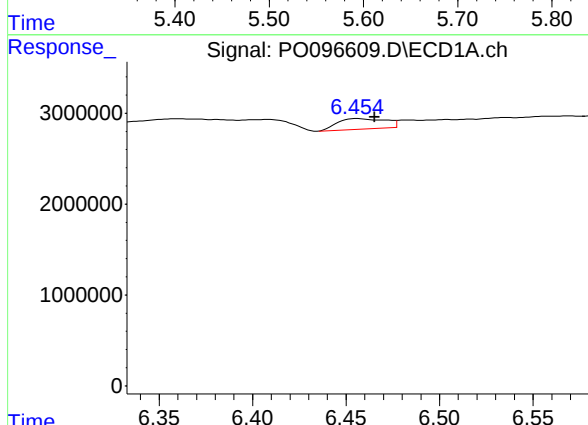
R.T.: 6.504 min
Delta R.T.: -0.026 min
Response: 636209
Conc: 6.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



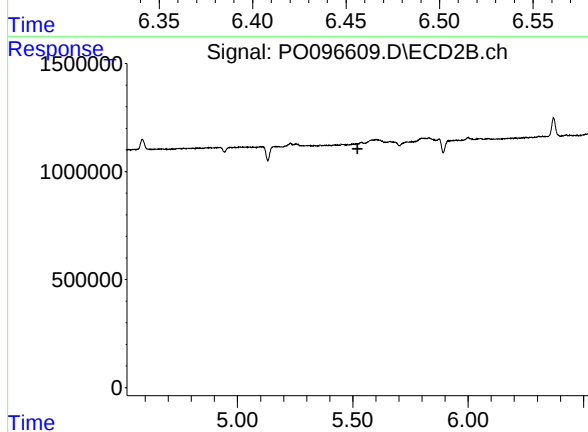
#25 AR-1248-5

R.T.: 5.600 min
Delta R.T.: 0.039 min
Response: 1415641
Conc: 30.16 ng/ml



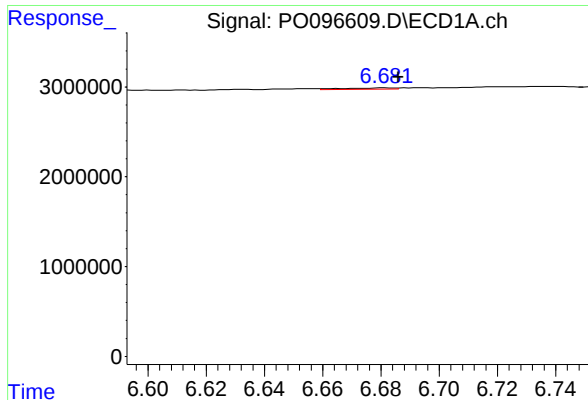
#26 AR-1254-1

R.T.: 6.456 min
Delta R.T.: -0.009 min
Response: 2073046
Conc: 19.60 ng/ml



#26 AR-1254-1

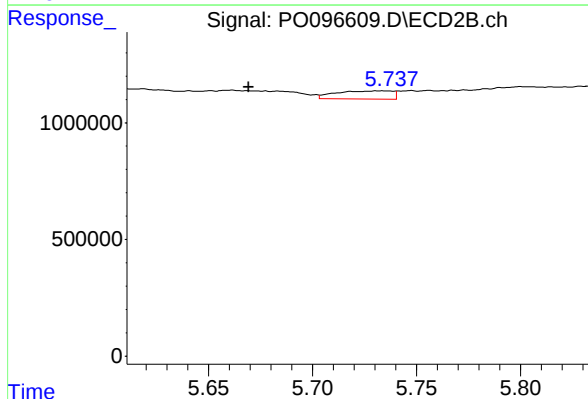
R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.



#27 AR-1254-2

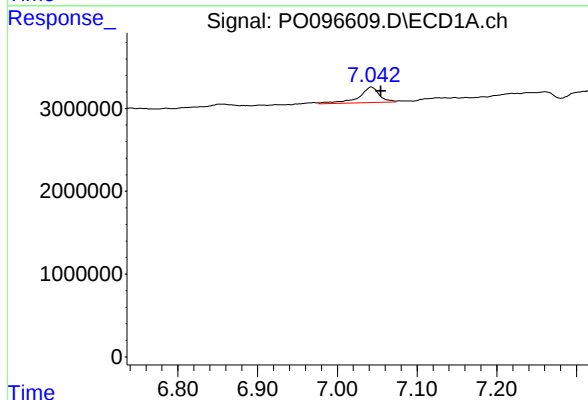
R.T.: 6.682 min
Delta R.T.: -0.004 min
Response: 173335
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



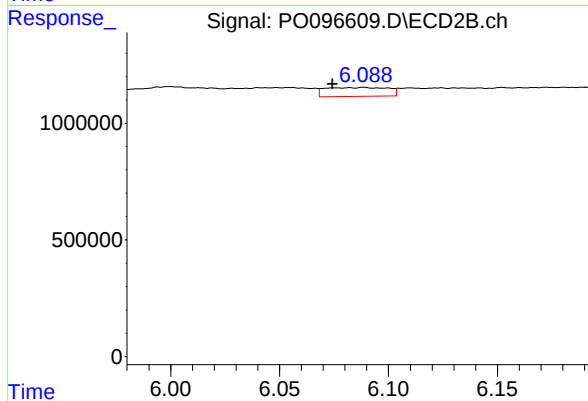
#27 AR-1254-2

R.T.: 5.735 min
Delta R.T.: 0.066 min
Response: 659520
Conc: 10.10 ng/ml



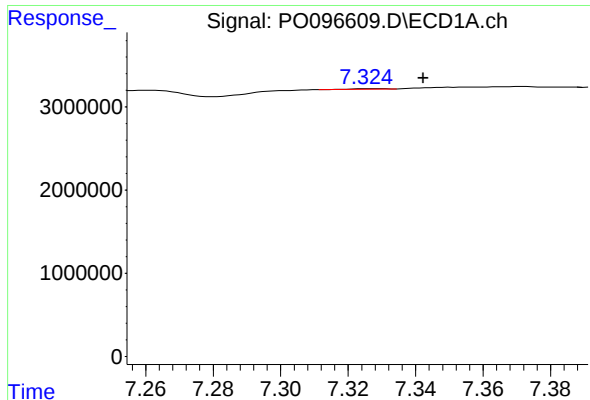
#28 AR-1254-3

R.T.: 7.043 min
Delta R.T.: -0.012 min
Response: 3409973
Conc: 22.34 ng/ml



#28 AR-1254-3

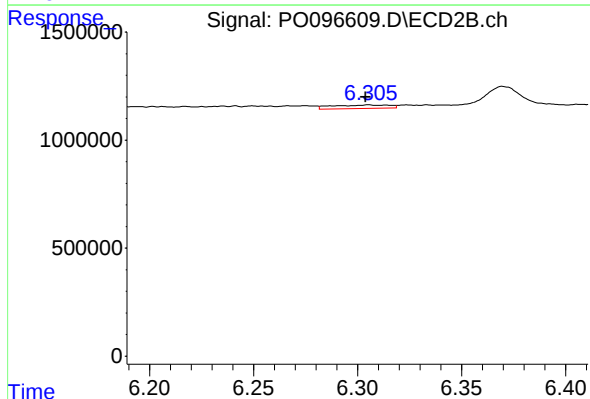
R.T.: 6.089 min
Delta R.T.: 0.015 min
Response: 765051
Conc: 7.58 ng/ml



#29 AR-1254-4

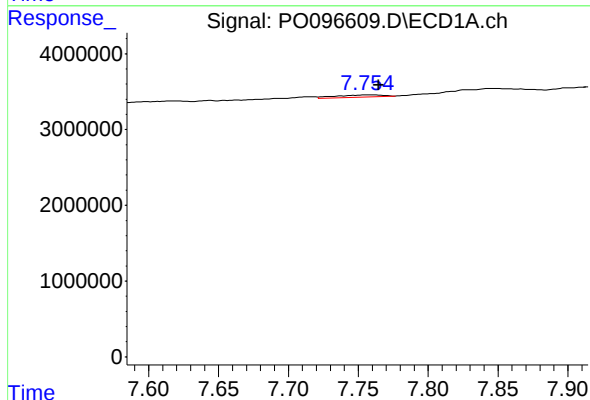
R.T.: 7.326 min
Delta R.T.: -0.017 min
Response: 51603
Conc: 0.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



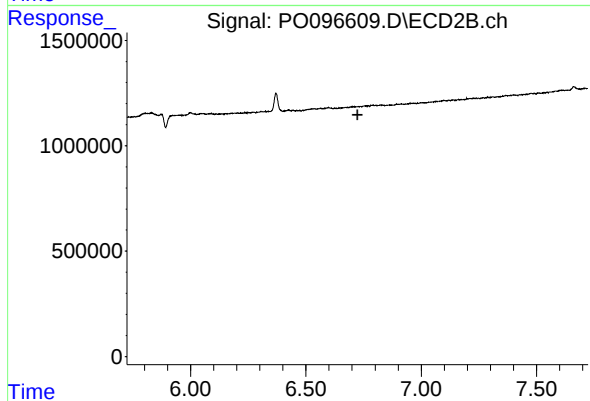
#29 AR-1254-4

R.T.: 6.305 min
Delta R.T.: 0.001 min
Response: 320613
Conc: 5.37 ng/ml



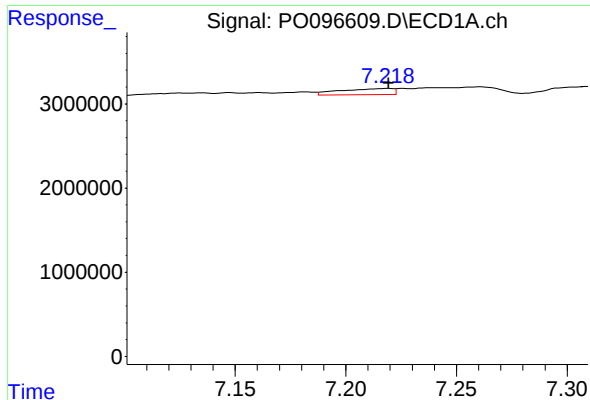
#30 AR-1254-5

R.T.: 7.755 min
Delta R.T.: -0.009 min
Response: 660018
Conc: 5.99 ng/ml



#30 AR-1254-5

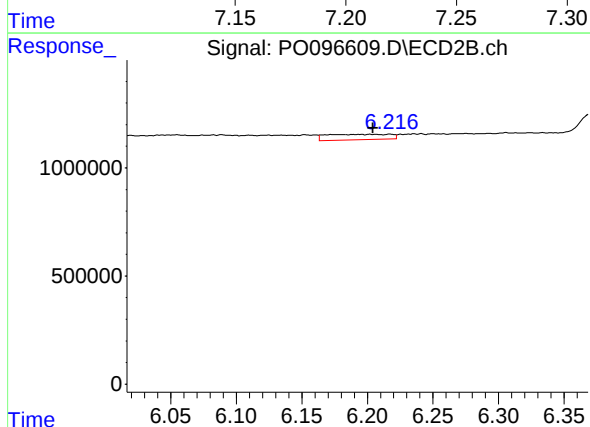
R.T.: 0.000 min
Exp R.T.: 6.723 min
Response: 0
Conc: N.D.



#31 AR-1260-1

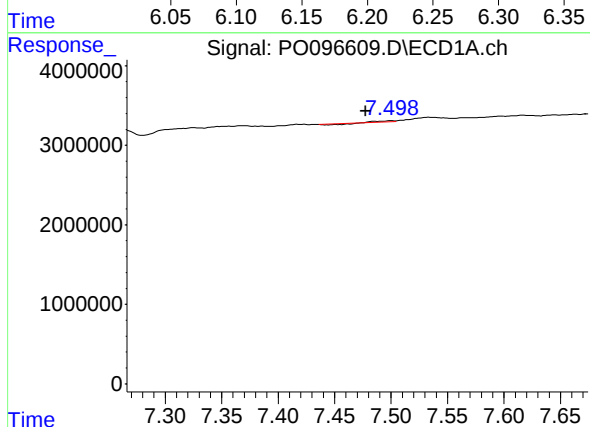
R.T.: 7.219 min
Delta R.T.: 0.000 min
Response: 1218702
Conc: 9.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



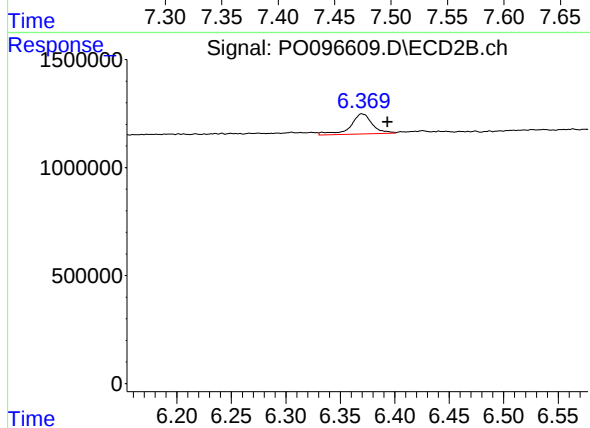
#31 AR-1260-1

R.T.: 6.217 min
Delta R.T.: 0.013 min
Response: 834036
Conc: 11.45 ng/ml



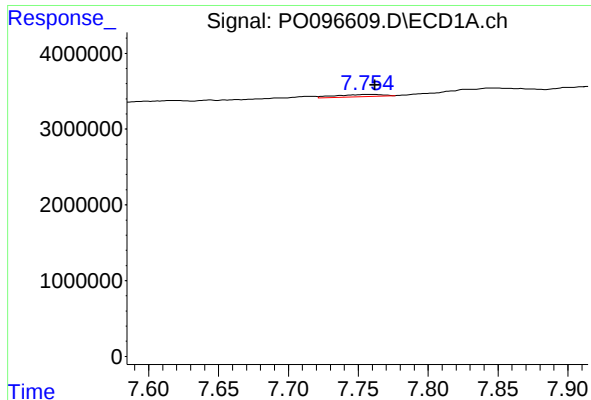
#32 AR-1260-2

R.T.: 7.500 min
Delta R.T.: 0.022 min
Response: 11898
Conc: 0.09 ng/ml



#32 AR-1260-2

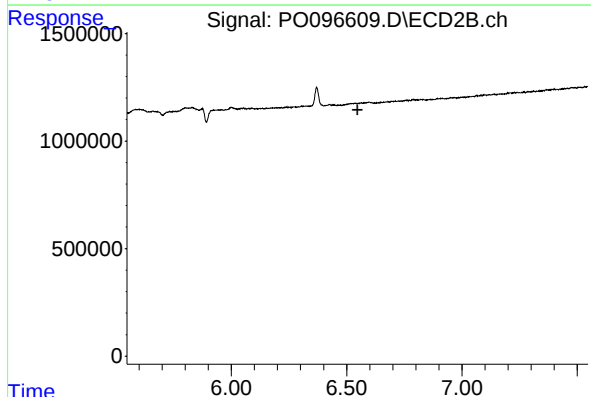
R.T.: 6.370 min
Delta R.T.: -0.023 min
Response: 1298000
Conc: 15.01 ng/ml



#33 AR-1260-3

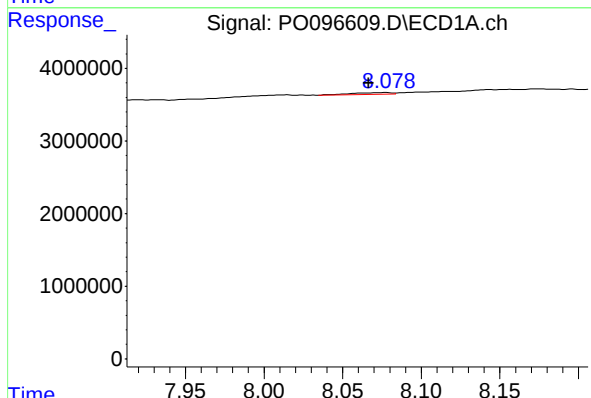
R.T.: 7.755 min
Delta R.T.: -0.007 min
Response: 660018
Conc: 4.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



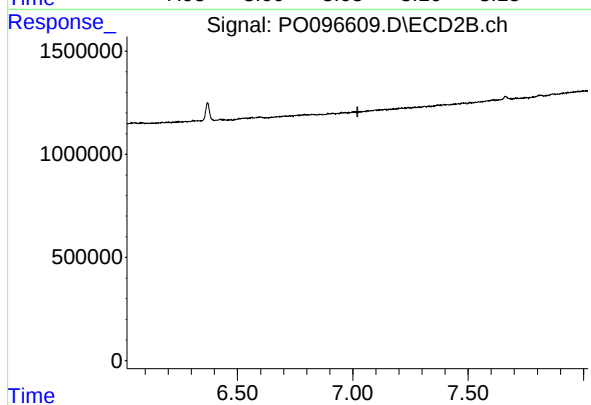
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.547 min
Response: 0
Conc: N.D.



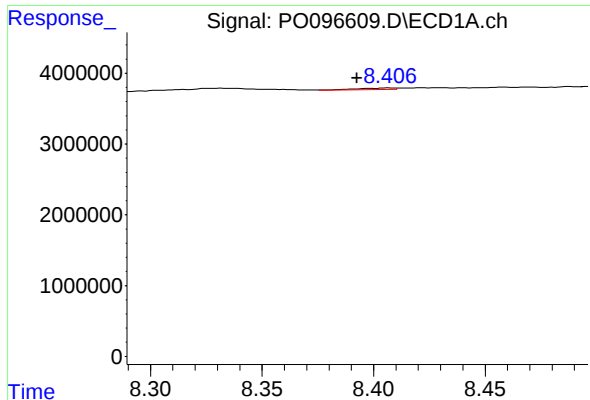
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: 0.011 min
Response: 425350
Conc: 3.49 ng/ml



#34 AR-1260-4

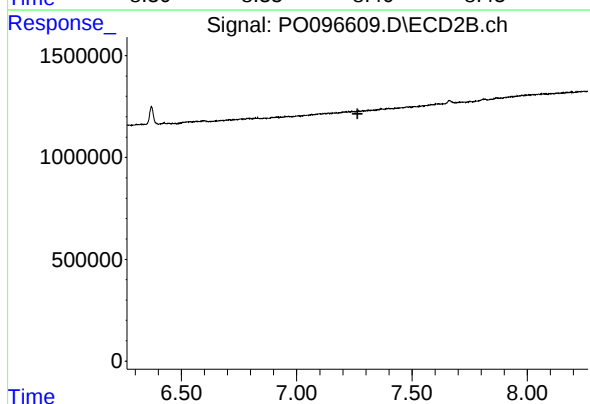
R.T.: 0.000 min
Exp R.T. : 7.020 min
Response: 0
Conc: N.D.



#35 AR-1260-5

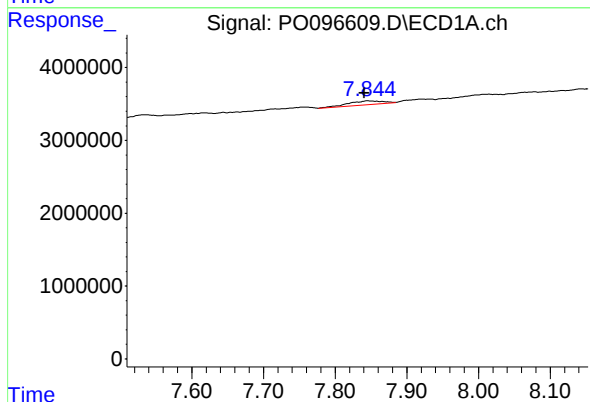
R.T.: 8.407 min
Delta R.T.: 0.014 min
Response: 232389
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



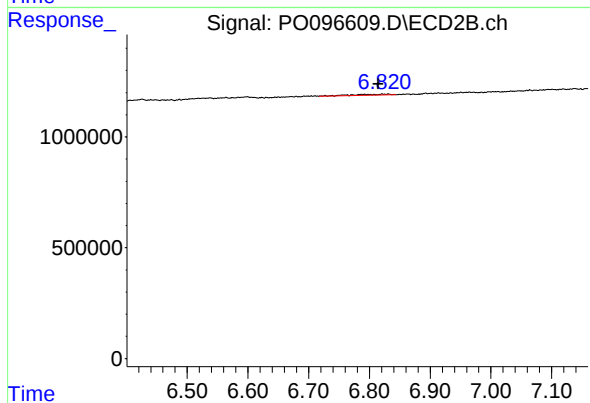
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.264 min
Response: 0
Conc: N.D.



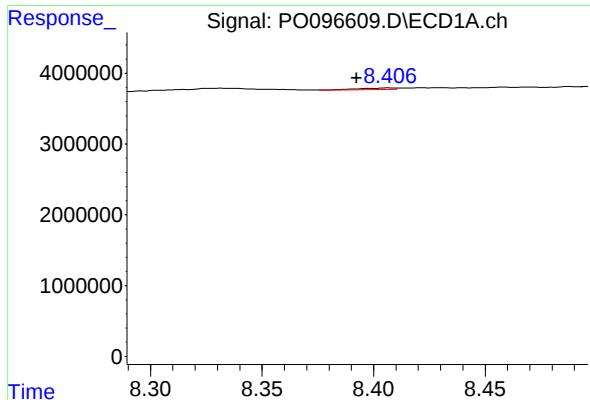
#36 AR-1262-1

R.T.: 7.845 min
Delta R.T.: 0.005 min
Response: 1740244
Conc: 11.79 ng/ml



#36 AR-1262-1

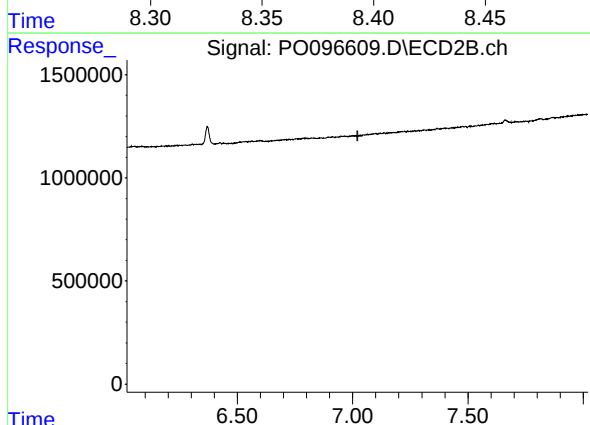
R.T.: 6.821 min
Delta R.T.: 0.006 min
Response: 225890
Conc: 5.75 ng/ml



#37 AR-1262-2

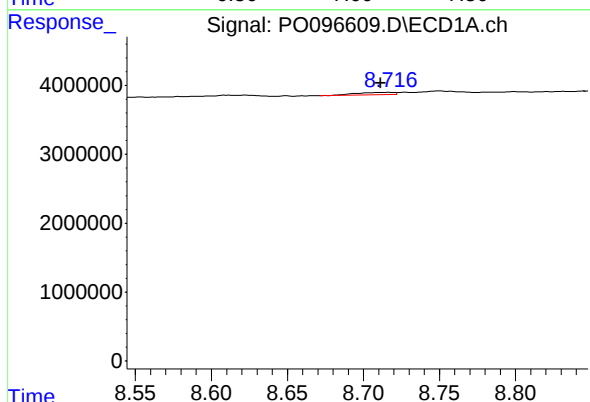
R.T.: 8.407 min
Delta R.T.: 0.015 min
Response: 232389
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



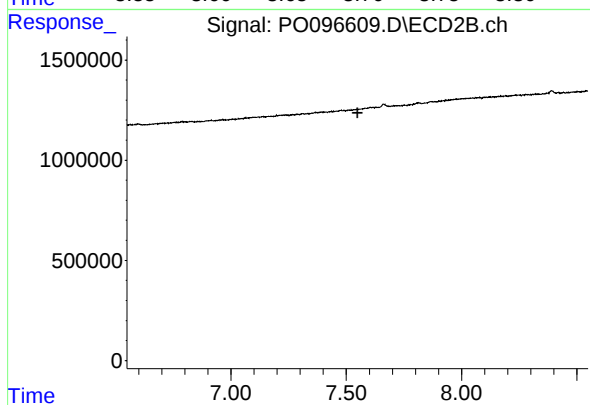
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.021 min
Response: 0
Conc: N.D.



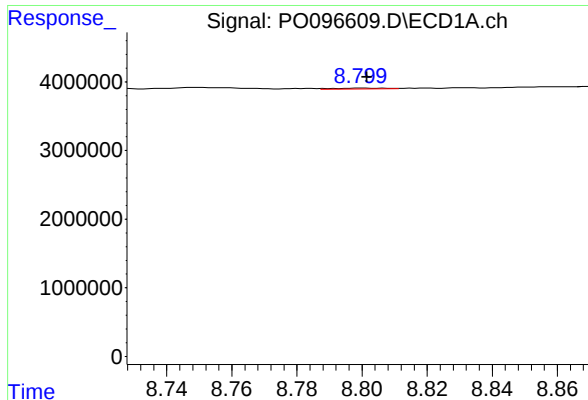
#38 AR-1262-3

R.T.: 8.717 min
Delta R.T.: 0.006 min
Response: 571952
Conc: 3.44 ng/ml



#38 AR-1262-3

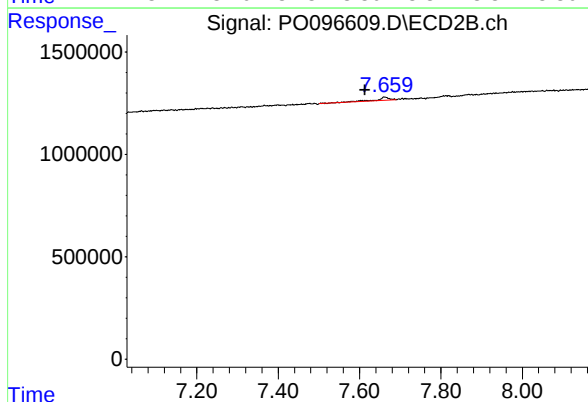
R.T.: 0.000 min
Exp R.T. : 7.549 min
Response: 0
Conc: N.D.



#39 AR-1262-4

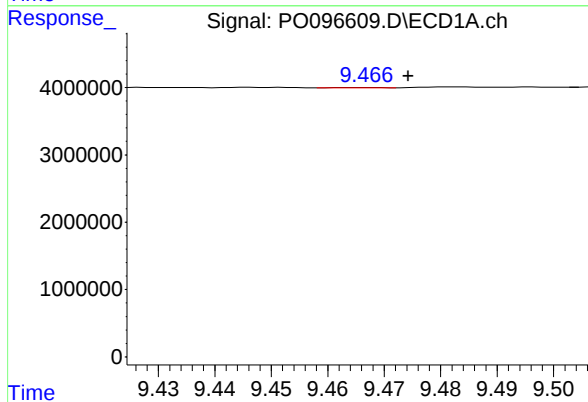
R.T.: 8.800 min
Delta R.T.: -0.002 min
Response: 127739
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



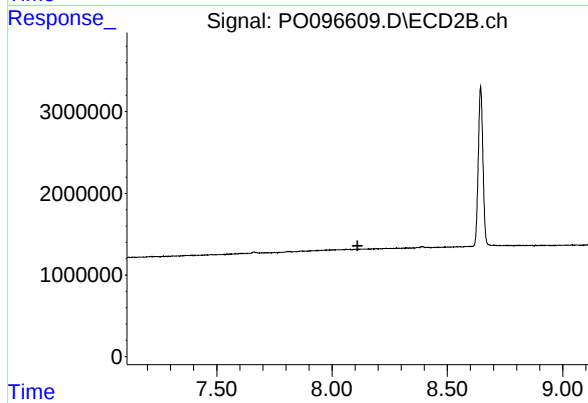
#39 AR-1262-4

R.T.: 7.662 min
Delta R.T.: 0.049 min
Response: 277851
Conc: 2.45 ng/ml



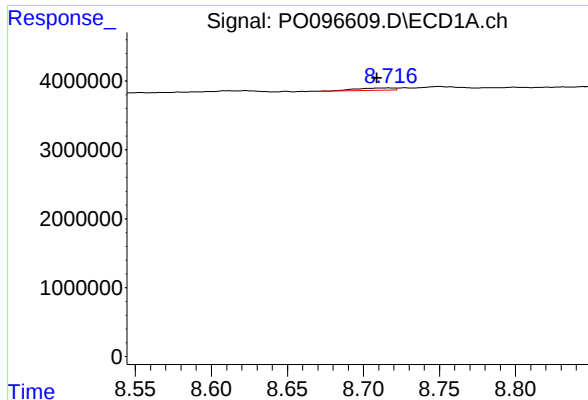
#40 AR-1262-5

R.T.: 9.467 min
Delta R.T.: -0.007 min
Response: 29170
Conc: 0.34 ng/ml



#40 AR-1262-5

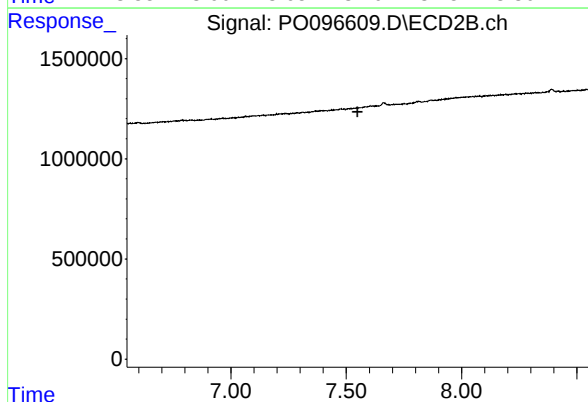
R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.



#41 AR-1268-1

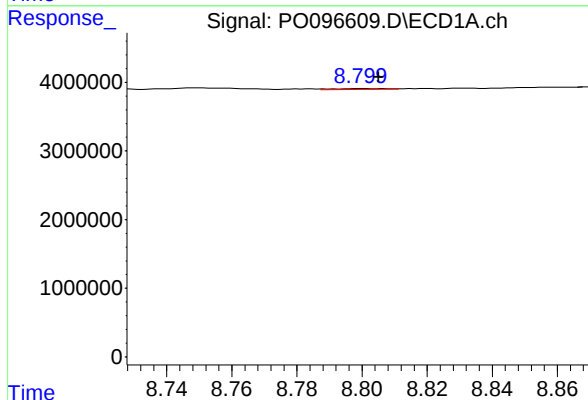
R.T.: 8.717 min
Delta R.T.: 0.008 min
Response: 571952
Conc: 1.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



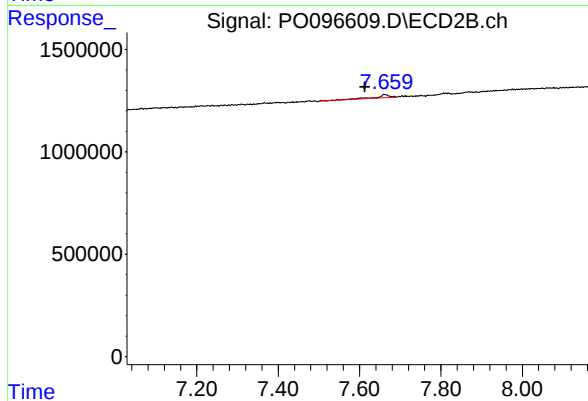
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 7.549 min
Response: 0
Conc: N.D.



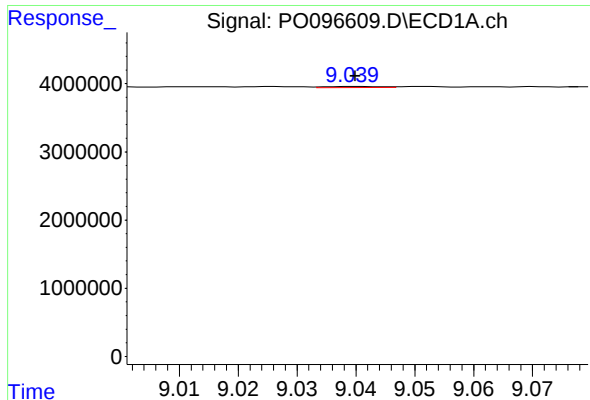
#42 AR-1268-2

R.T.: 8.800 min
Delta R.T.: -0.005 min
Response: 127739
Conc: 0.48 ng/ml



#42 AR-1268-2

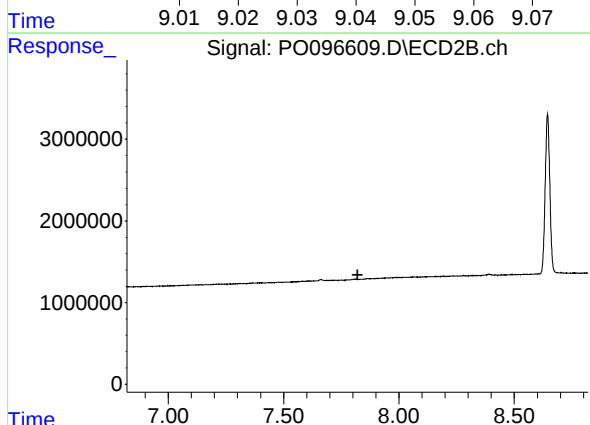
R.T.: 7.662 min
Delta R.T.: 0.048 min
Response: 277851
Conc: 1.65 ng/ml



#43 AR-1268-3

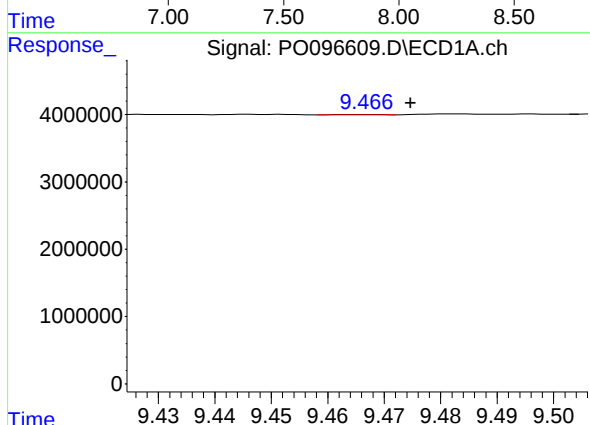
R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 113294
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



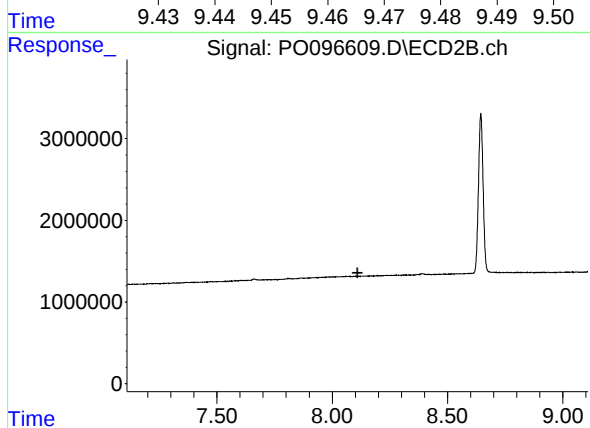
#43 AR-1268-3

R.T.: 7.813 min
Delta R.T.: -0.007 min
Response: -43826
Conc: N.D.



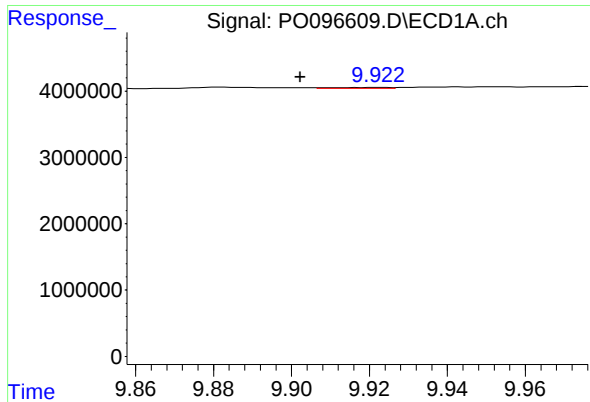
#44 AR-1268-4

R.T.: 9.467 min
Delta R.T.: -0.008 min
Response: 29170
Conc: 0.32 ng/ml



#44 AR-1268-4

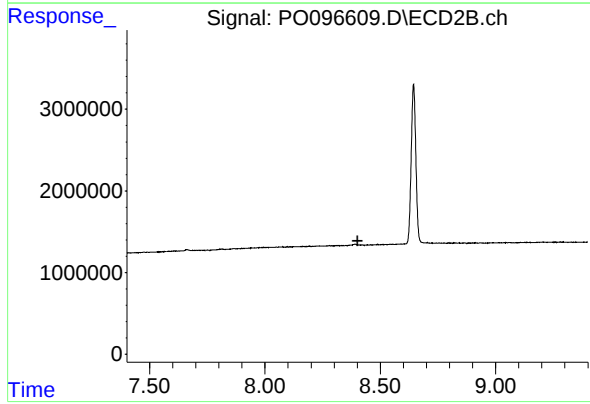
R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.922 min
Delta R.T.: 0.020 min
Response: 154540
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.401 min
Response: 0
Conc: N.D.