

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0073123\
 Data File : P0096525.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2023 22:21
 Operator : YP/AJ
 Sample : 03815-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 05:47:51 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

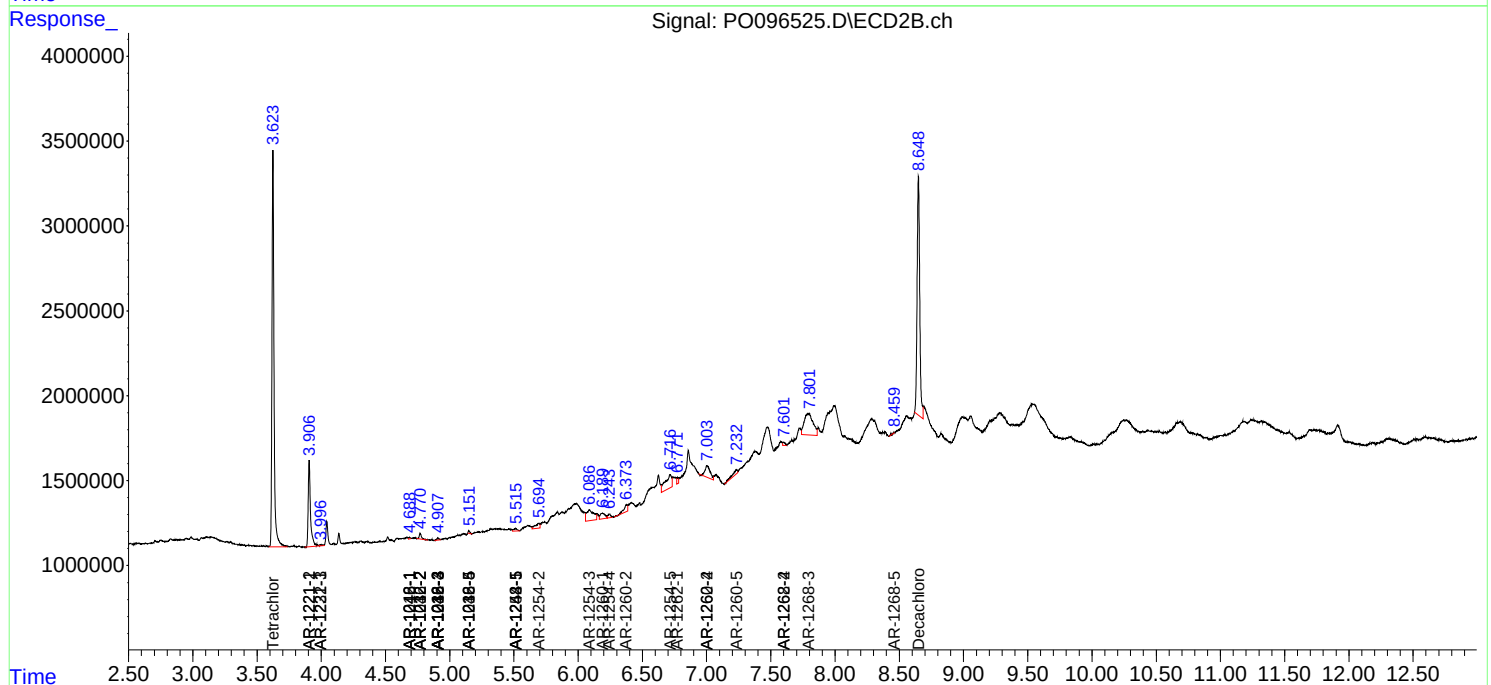
System Monitoring Compounds						
1) SA Tetrachlo...	4.416	3.624	59709959	25865900	17.871	18.260
2) SA Decachlor...	10.242	8.649	32787421	20092885	14.819	17.081
Target Compounds						
3) L1 AR-1016-1	5.621	4.689	134895	66643	1.439	1.474
4) L1 AR-1016-2	5.621	4.771f	134895	393504	1.011	6.264 #
5) L1 AR-1016-3	5.675	4.908	760236	122552	9.155	3.590 #
6) L1 AR-1016-4	5.787	4.908f	-125301	122552	N.D.	4.198 #
7) L1 AR-1016-5	0.000	5.150	0	138240	N.D.	3.637 #
8) L2 AR-1221-1	4.625	3.906f	14325453	6349432	348.152	338.788
9) L2 AR-1221-2	4.724	3.906	837460	6349432	27.860	448.323 #
10) L2 AR-1221-3	4.791	3.996	34217	95523	0.390	2.307 #
11) L3 AR-1232-1	4.791	3.996	34217	95523	0.476	2.812 #
12) L3 AR-1232-2	5.347	4.771f	605028	393504	15.408	13.418
13) L3 AR-1232-3	5.621	4.908	134895	122552	2.213	7.863 #
15) L3 AR-1232-5	5.931f	5.150	89919	138240	3.232	8.299 #
16) L4 AR-1242-1	5.621	4.689	134895	66643	1.665	1.701
17) L4 AR-1242-2	5.621	4.771f	134895	393504	1.179	7.319 #
18) L4 AR-1242-3	5.675	4.908	760236	122552	10.679	4.169 #
20) L4 AR-1242-5	6.487f	5.515	7411712	290450	133.678	8.051 #
21) L5 AR-1248-1	5.621	4.689	134895	66643	2.349	2.386
22) L5 AR-1248-2	5.931f	4.908f	89919	122552	0.970	2.907 #
24) L5 AR-1248-4	6.487	5.150	7411712	138240	79.840	2.696 #
25) L5 AR-1248-5	6.487f	5.515f	7411712	290450	80.259	6.188 #
26) L6 AR-1254-1	6.487	5.515	7411712	290450	70.085	3.953 #
27) L6 AR-1254-2	6.680	5.695	3990323	715915	25.720	10.969 #
28) L6 AR-1254-3	7.051	6.086	926613	2457901	6.071	24.359 #
29) L6 AR-1254-4	7.327	6.243f	140961	335153	1.442	5.618 #
30) L6 AR-1254-5	7.780	6.717	2195437	2840657	19.924	32.723 #
31) L7 AR-1260-1	0.000	6.189	0	888286	N.D.	12.190 #
32) L7 AR-1260-2	7.541f	6.378	16297063	851173	118.955	9.842 #
33) L7 AR-1260-3	7.780	0.000	2195437	0	14.359	N.D. #
34) L7 AR-1260-4	8.047	7.003	10144657	1978088	83.312	30.292 #
35) L7 AR-1260-5	8.348f	7.233	7710122	745154	35.057	5.258 #
36) L8 AR-1262-1	7.846	6.771f	873961	292798	5.919	7.453 #
37) L8 AR-1262-2	8.348f	7.003	7710122	1978088	33.814	24.241 #
40) L8 AR-1262-5	9.490	0.000	146120	0	1.713	N.D. #
43) L9 AR-1268-3	9.032	7.801	4152466	6094850	16.585	41.577 #
44) L9 AR-1268-4	9.490	0.000	146120	0	1.578	N.D. #
45) L9 AR-1268-5	0.000	8.461f	0	56315	N.D.	0.130 #

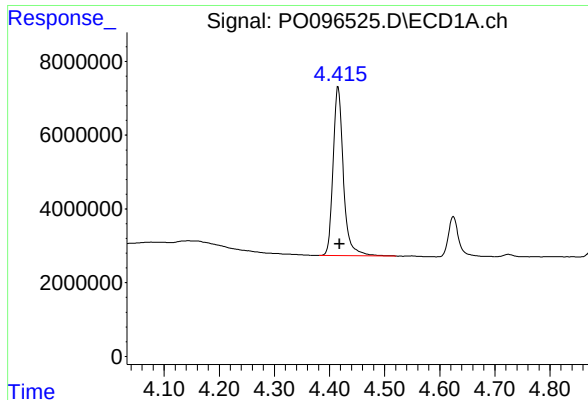
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_O
ClientSampleId :

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

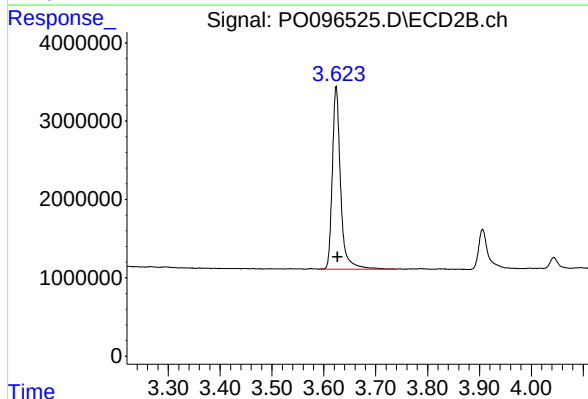




#1 Tetrachloro-m-xylene

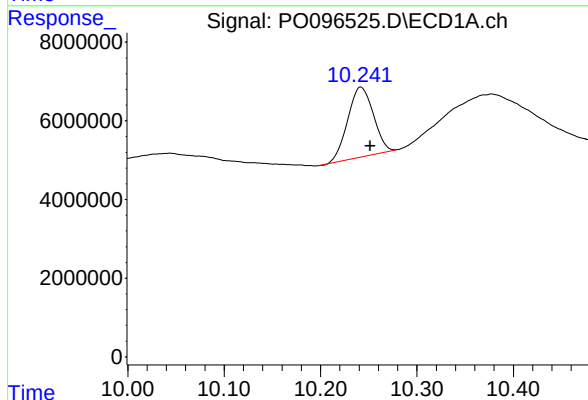
R.T.: 4.416 min
Delta R.T.: -0.002 min
Response: 59709959
Conc: 17.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



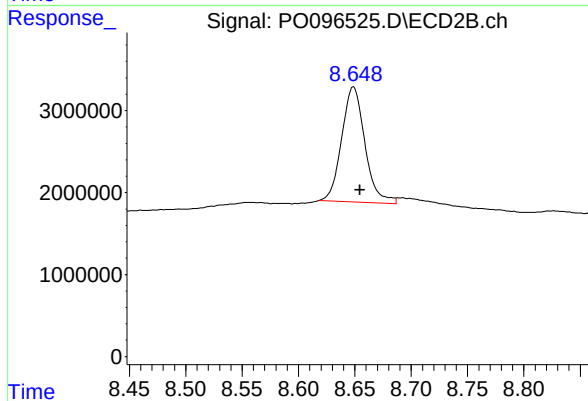
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: -0.003 min
Response: 25865900
Conc: 18.26 ng/ml



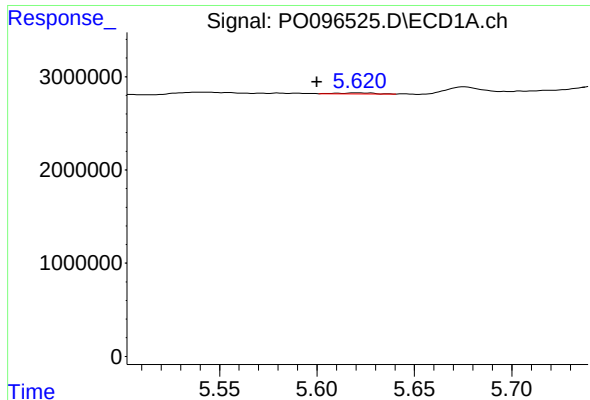
#2 Decachlorobiphenyl

R.T.: 10.242 min
Delta R.T.: -0.009 min
Response: 32787421
Conc: 14.82 ng/ml



#2 Decachlorobiphenyl

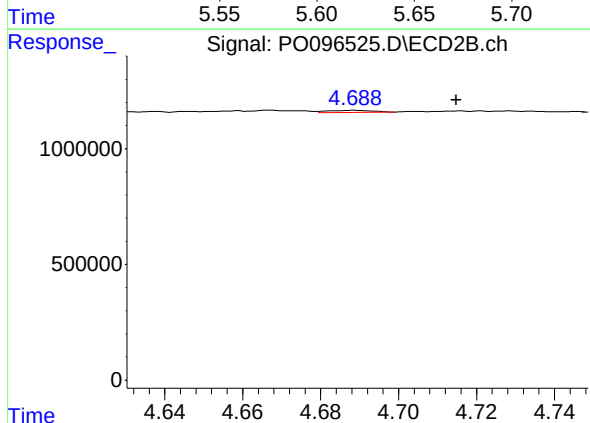
R.T.: 8.649 min
Delta R.T.: -0.006 min
Response: 20092885
Conc: 17.08 ng/ml



#3 AR-1016-1

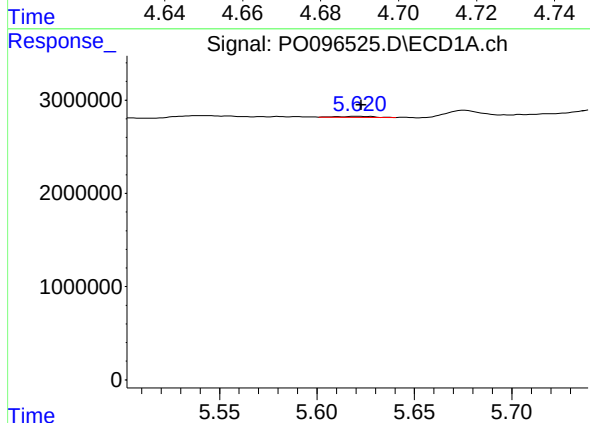
R.T.: 5.621 min
Delta R.T.: 0.021 min
Response: 134895
Conc: 1.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



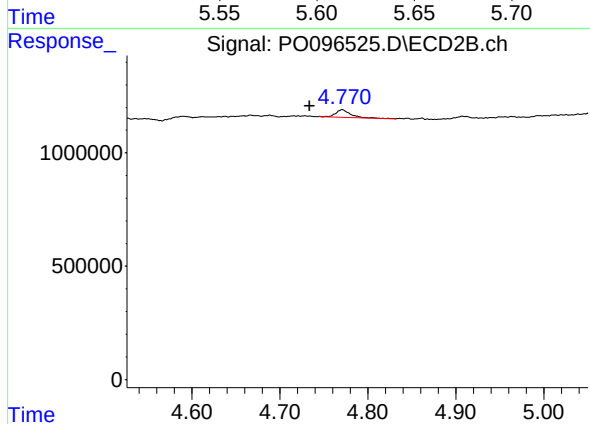
#3 AR-1016-1

R.T.: 4.689 min
Delta R.T.: -0.026 min
Response: 66643
Conc: 1.47 ng/ml



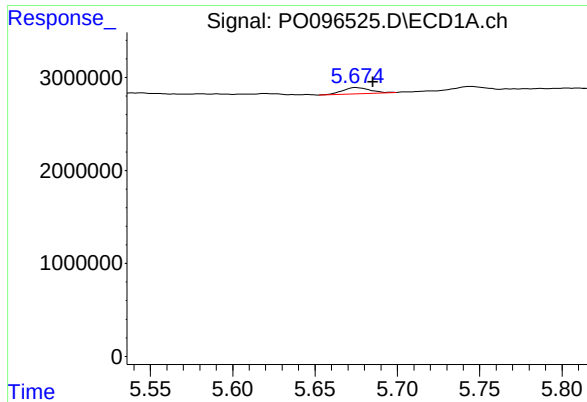
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: -0.002 min
Response: 134895
Conc: 1.01 ng/ml



#4 AR-1016-2

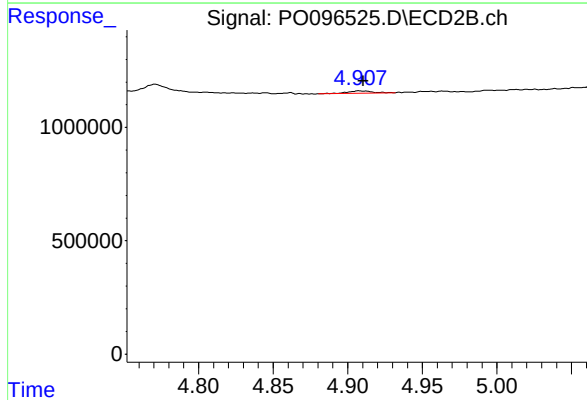
R.T.: 4.771 min
Delta R.T.: 0.037 min
Response: 393504
Conc: 6.26 ng/ml



#5 AR-1016-3

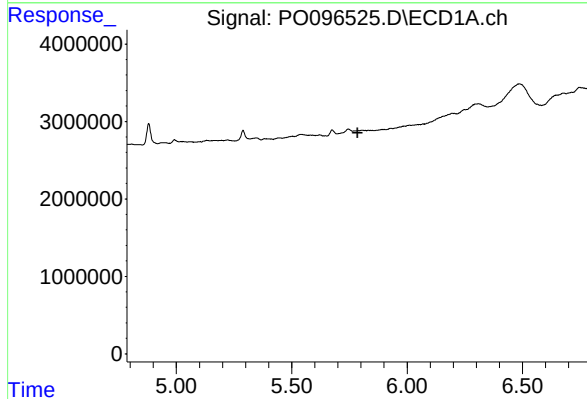
R.T.: 5.675 min
Delta R.T.: -0.010 min
Response: 760236
Conc: 9.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



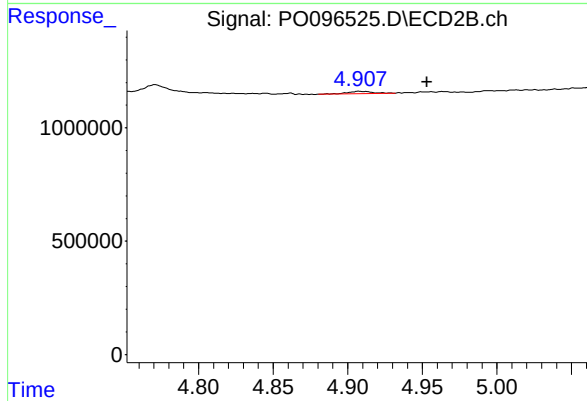
#5 AR-1016-3

R.T.: 4.908 min
Delta R.T.: -0.003 min
Response: 122552
Conc: 3.59 ng/ml



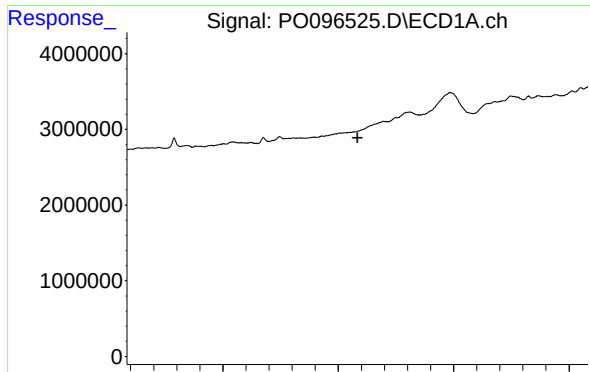
#6 AR-1016-4

R.T.: 5.787 min
Delta R.T.: 0.002 min
Response: -125301
Conc: N.D.



#6 AR-1016-4

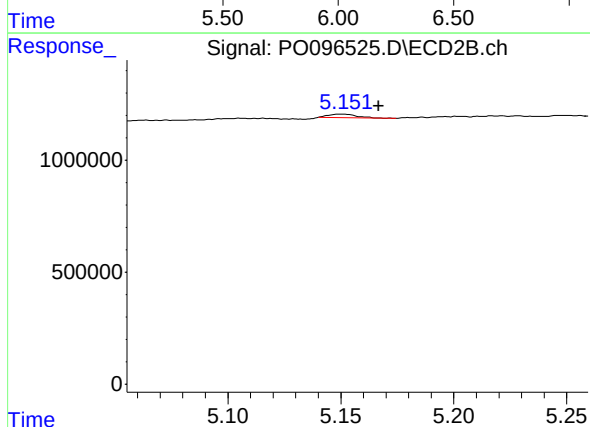
R.T.: 4.908 min
Delta R.T.: -0.046 min
Response: 122552
Conc: 4.20 ng/ml



#7 AR-1016-5

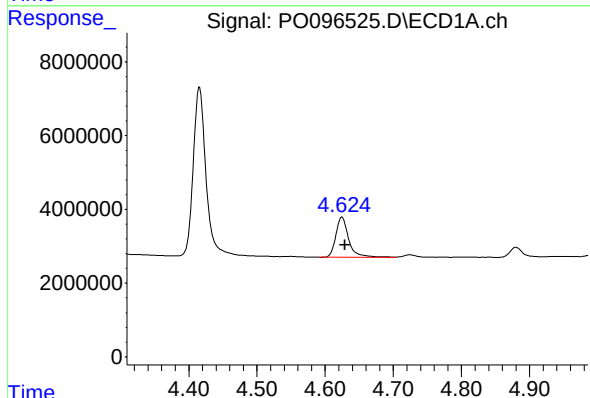
R.T.: 0.000 min
Exp R.T.: 6.083 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



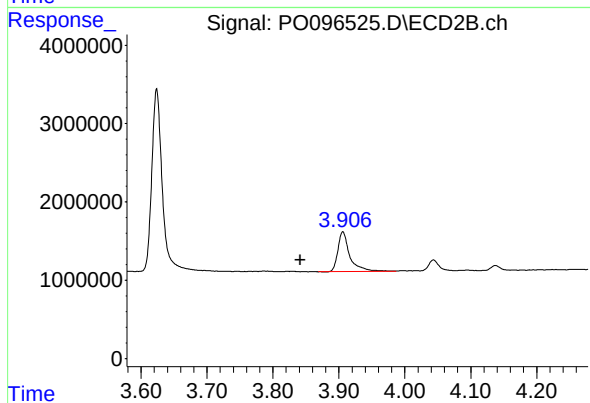
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.016 min
Response: 138240
Conc: 3.64 ng/ml



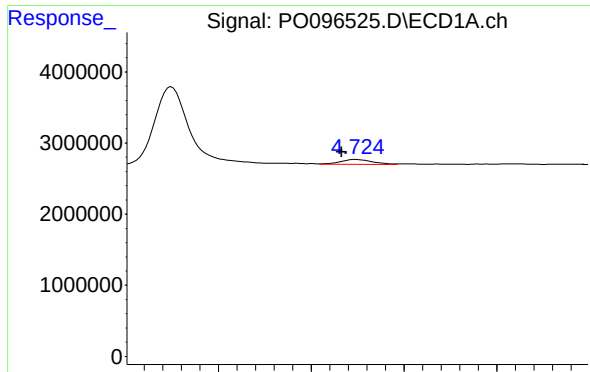
#8 AR-1221-1

R.T.: 4.625 min
Delta R.T.: -0.004 min
Response: 14325453
Conc: 348.15 ng/ml



#8 AR-1221-1

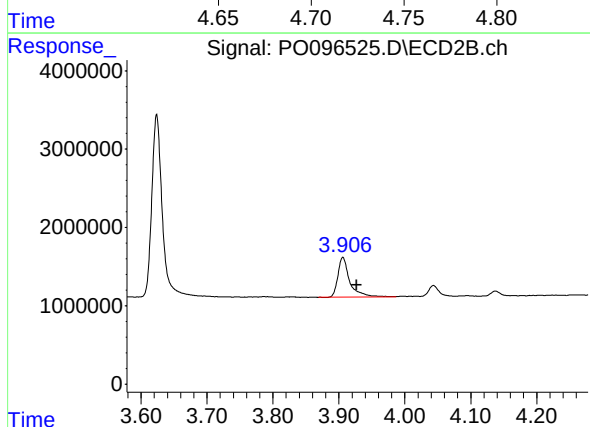
R.T.: 3.906 min
Delta R.T.: 0.065 min
Response: 6349432
Conc: 338.79 ng/ml



#9 AR-1221-2

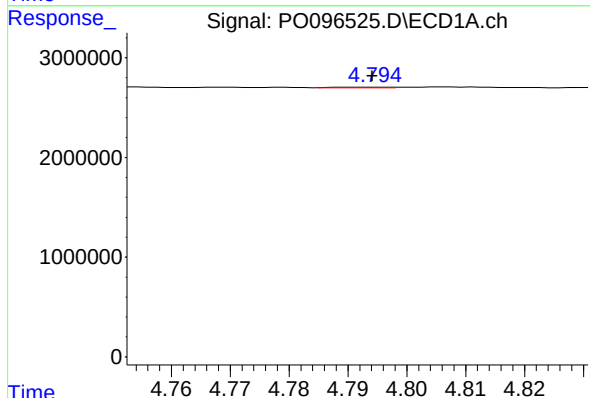
R.T.: 4.724 min
Delta R.T.: 0.008 min
Response: 837460
Conc: 27.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



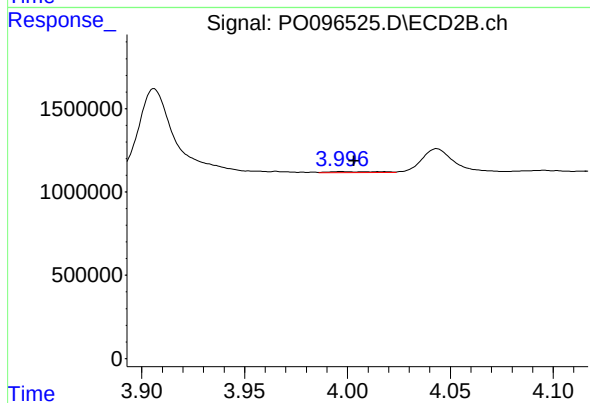
#9 AR-1221-2

R.T.: 3.906 min
Delta R.T.: -0.021 min
Response: 6349432
Conc: 448.32 ng/ml



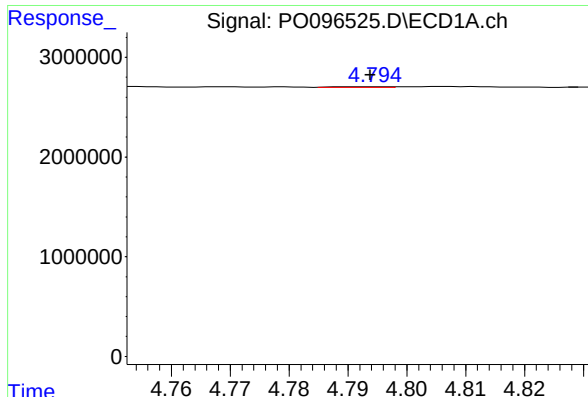
#10 AR-1221-3

R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 34217
Conc: 0.39 ng/ml



#10 AR-1221-3

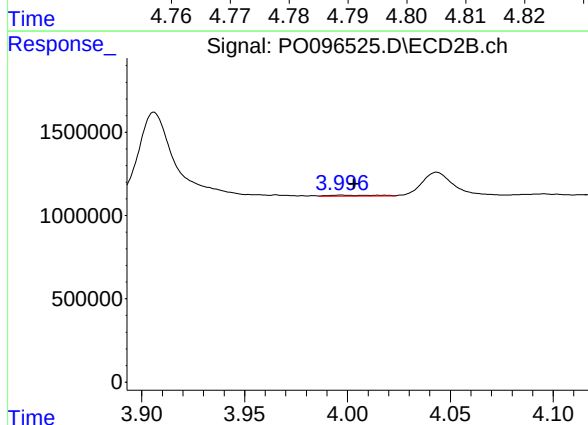
R.T.: 3.996 min
Delta R.T.: -0.007 min
Response: 95523
Conc: 2.31 ng/ml



#11 AR-1232-1

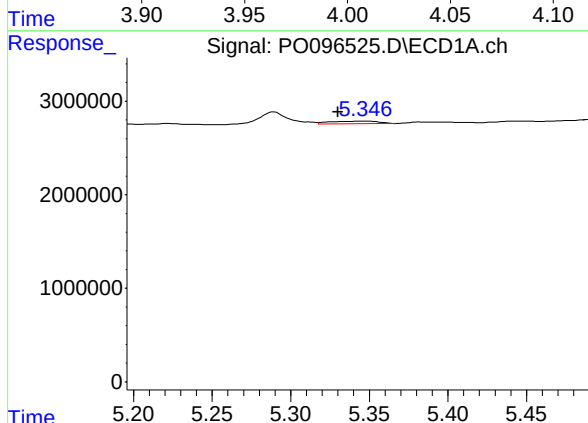
R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 34217
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



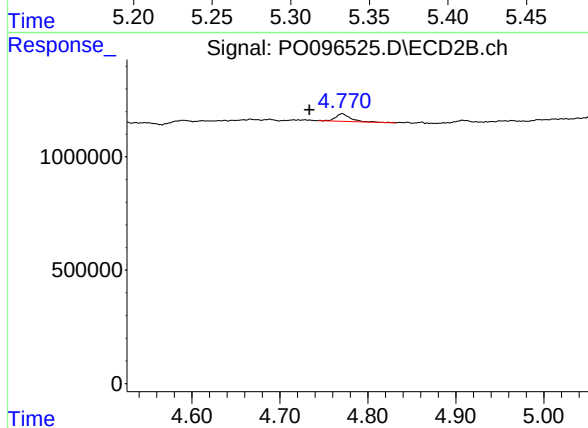
#11 AR-1232-1

R.T.: 3.996 min
Delta R.T.: -0.007 min
Response: 95523
Conc: 2.81 ng/ml



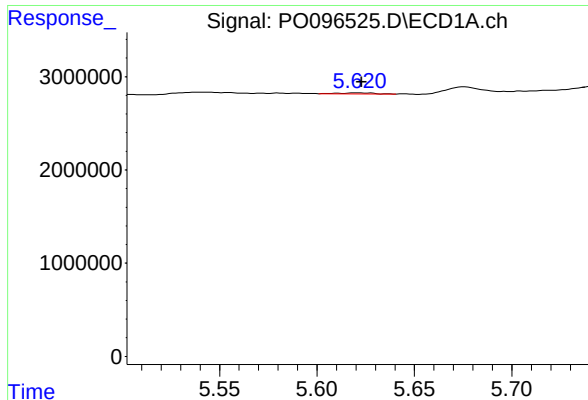
#12 AR-1232-2

R.T.: 5.347 min
Delta R.T.: 0.017 min
Response: 605028
Conc: 15.41 ng/ml



#12 AR-1232-2

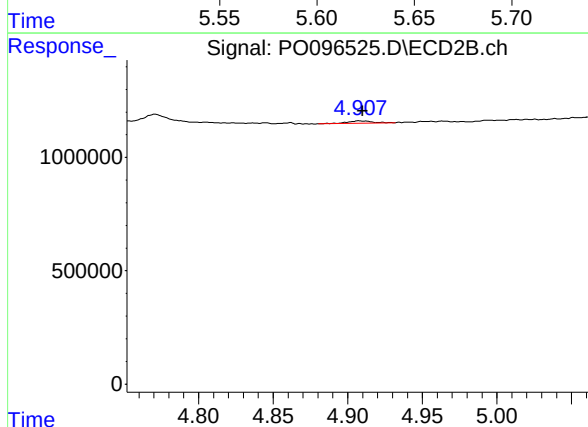
R.T.: 4.771 min
Delta R.T.: 0.037 min
Response: 393504
Conc: 13.42 ng/ml



#13 AR-1232-3

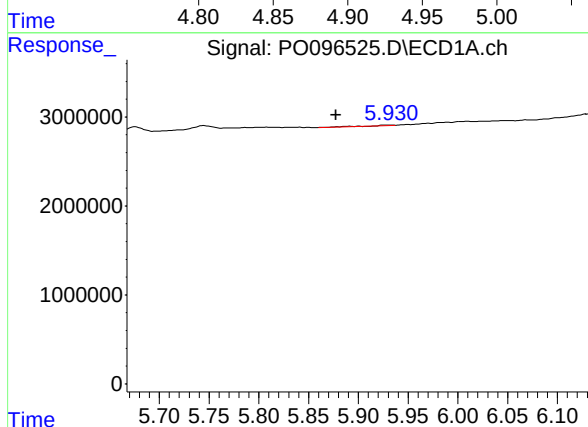
R.T.: 5.621 min
Delta R.T.: -0.002 min
Response: 134895
Conc: 2.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



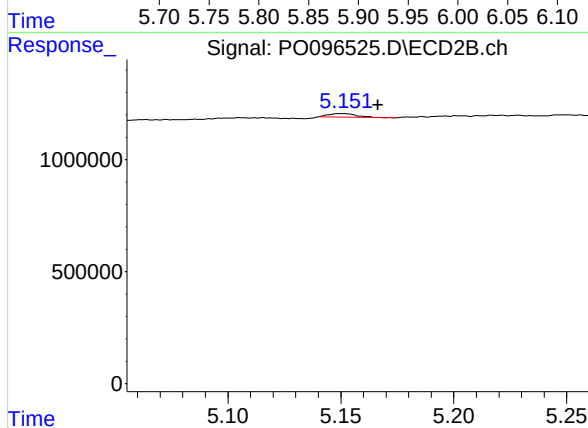
#13 AR-1232-3

R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 122552
Conc: 7.86 ng/ml



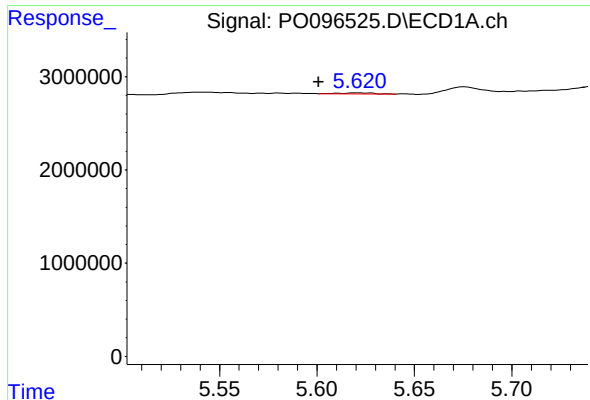
#15 AR-1232-5

R.T.: 5.931 min
Delta R.T.: 0.053 min
Response: 89919
Conc: 3.23 ng/ml



#15 AR-1232-5

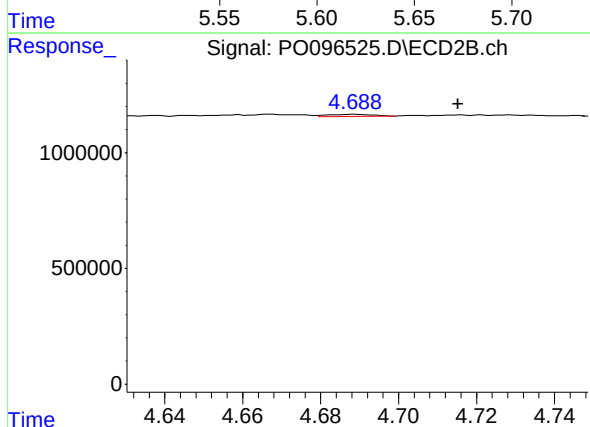
R.T.: 5.150 min
Delta R.T.: -0.016 min
Response: 138240
Conc: 8.30 ng/ml



#16 AR-1242-1

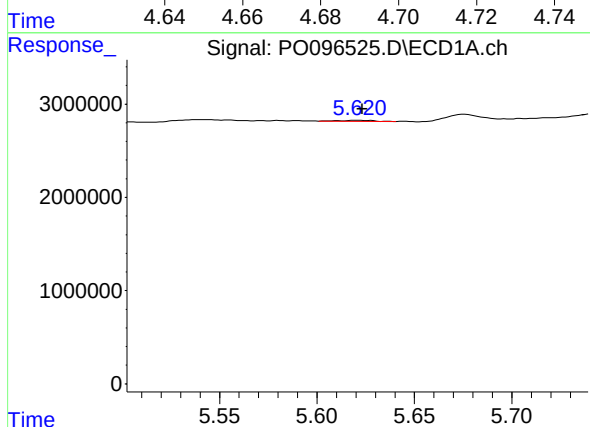
R.T.: 5.621 min
Delta R.T.: 0.020 min
Response: 134895
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



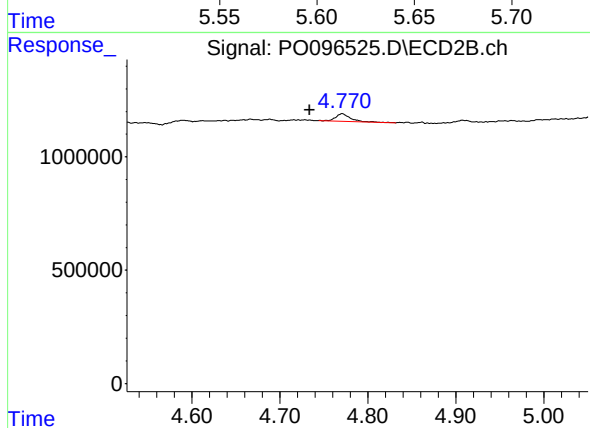
#16 AR-1242-1

R.T.: 4.689 min
Delta R.T.: -0.027 min
Response: 66643
Conc: 1.70 ng/ml



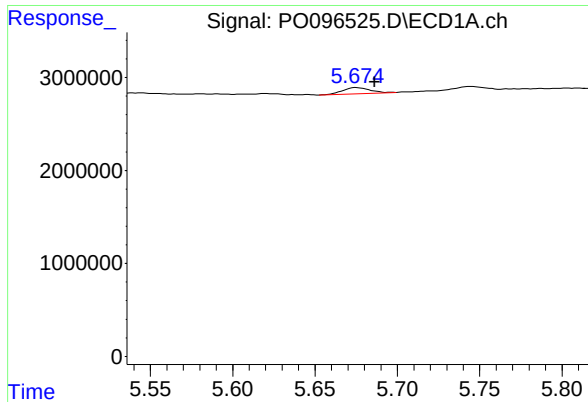
#17 AR-1242-2

R.T.: 5.621 min
Delta R.T.: -0.002 min
Response: 134895
Conc: 1.18 ng/ml



#17 AR-1242-2

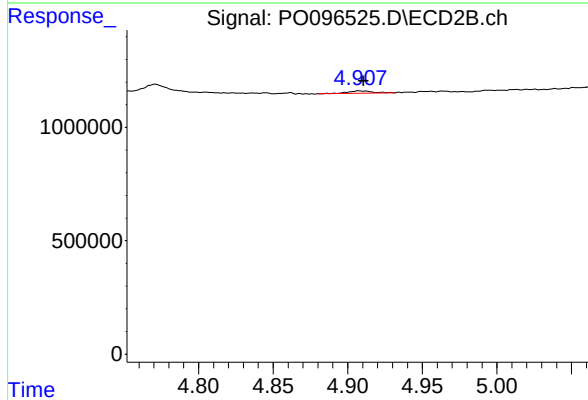
R.T.: 4.771 min
Delta R.T.: 0.037 min
Response: 393504
Conc: 7.32 ng/ml



#18 AR-1242-3

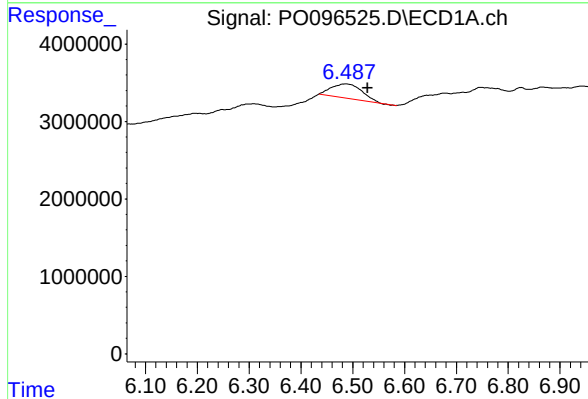
R.T.: 5.675 min
Delta R.T.: -0.011 min
Response: 760236
Conc: 10.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



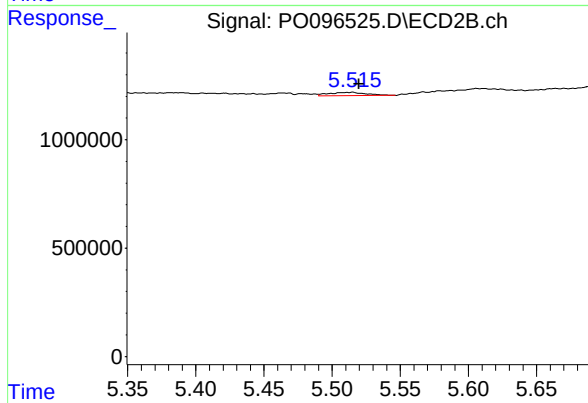
#18 AR-1242-3

R.T.: 4.908 min
Delta R.T.: -0.003 min
Response: 122552
Conc: 4.17 ng/ml



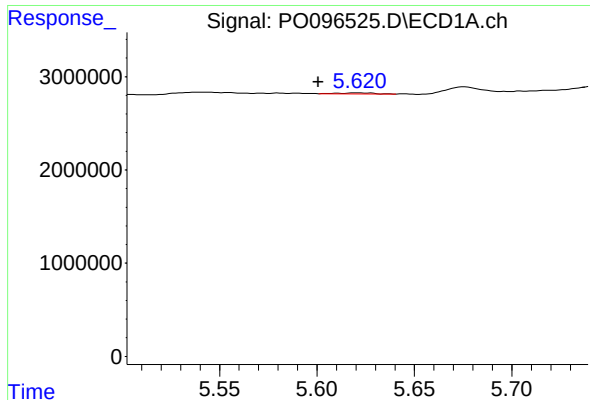
#20 AR-1242-5

R.T.: 6.487 min
Delta R.T.: -0.042 min
Response: 7411712
Conc: 133.68 ng/ml



#20 AR-1242-5

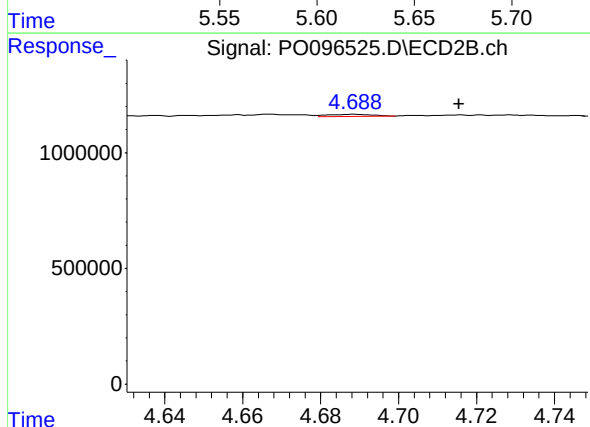
R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 290450
Conc: 8.05 ng/ml



#21 AR-1248-1

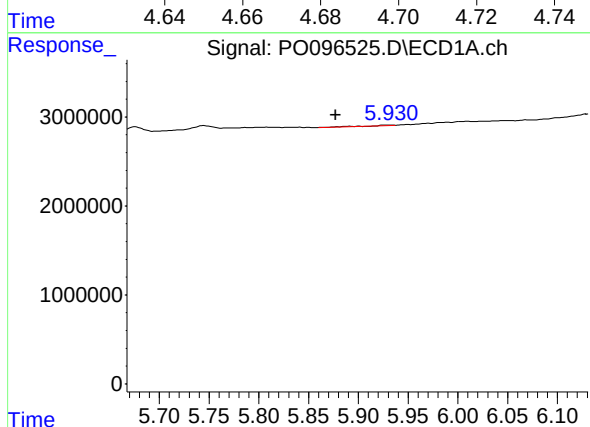
R.T.: 5.621 min
Delta R.T.: 0.020 min
Response: 134895
Conc: 2.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



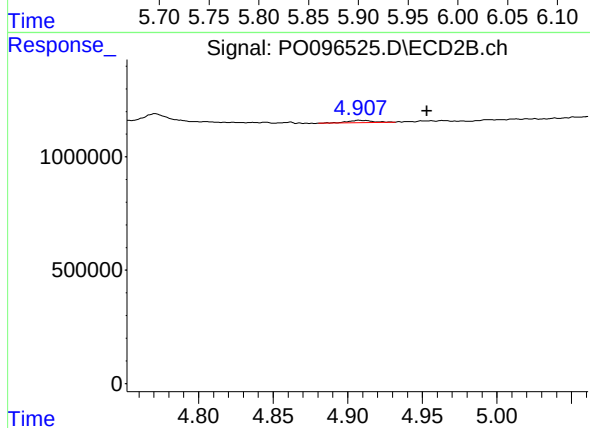
#21 AR-1248-1

R.T.: 4.689 min
Delta R.T.: -0.027 min
Response: 66643
Conc: 2.39 ng/ml



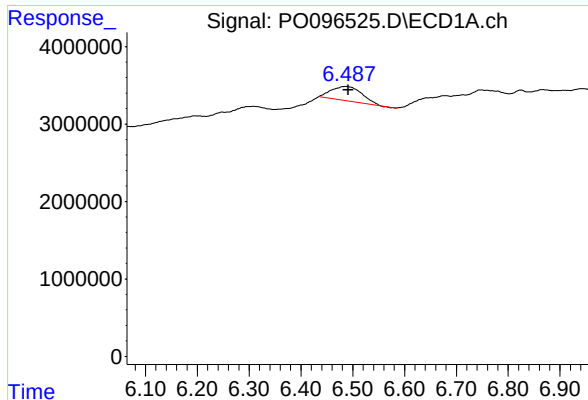
#22 AR-1248-2

R.T.: 5.931 min
Delta R.T.: 0.053 min
Response: 89919
Conc: 0.97 ng/ml



#22 AR-1248-2

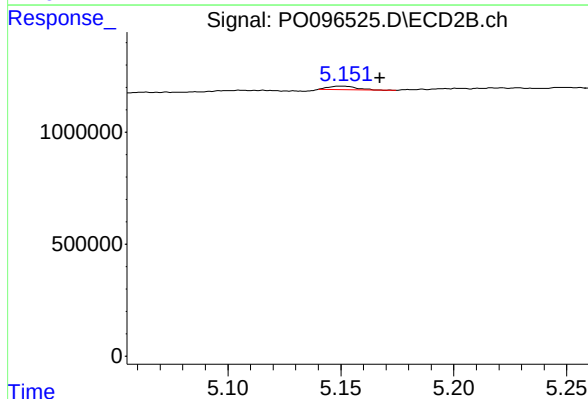
R.T.: 4.908 min
Delta R.T.: -0.046 min
Response: 122552
Conc: 2.91 ng/ml



#24 AR-1248-4

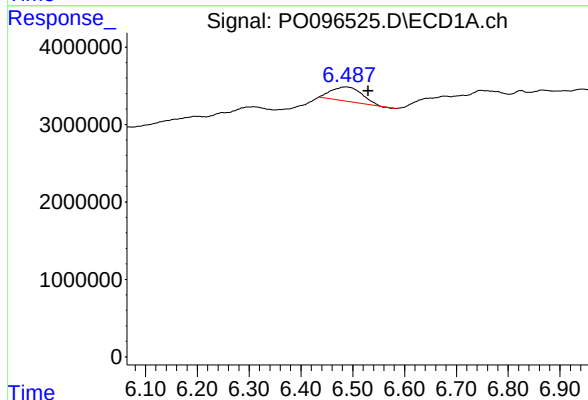
R.T.: 6.487 min
Delta R.T.: -0.004 min
Response: 7411712
Conc: 79.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



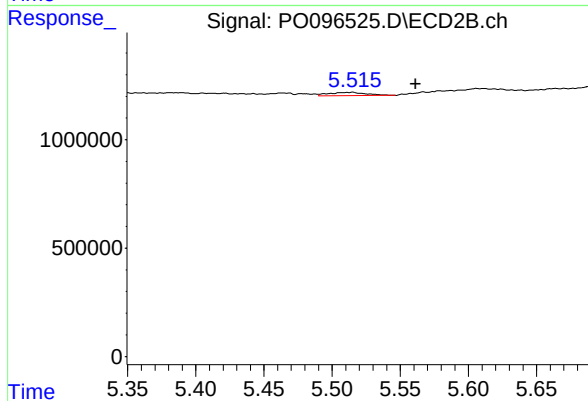
#24 AR-1248-4

R.T.: 5.150 min
Delta R.T.: -0.017 min
Response: 138240
Conc: 2.70 ng/ml



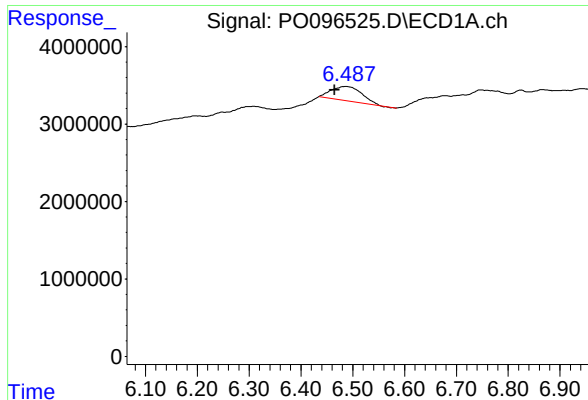
#25 AR-1248-5

R.T.: 6.487 min
Delta R.T.: -0.043 min
Response: 7411712
Conc: 80.26 ng/ml



#25 AR-1248-5

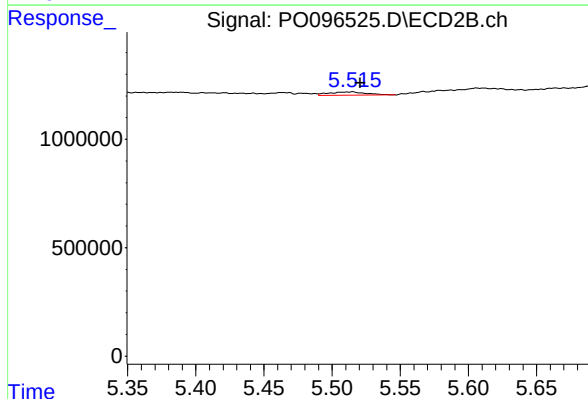
R.T.: 5.515 min
Delta R.T.: -0.047 min
Response: 290450
Conc: 6.19 ng/ml



#26 AR-1254-1

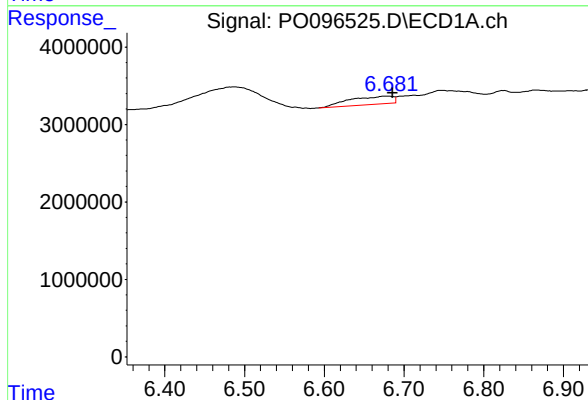
R.T.: 6.487 min
Delta R.T.: 0.021 min
Response: 7411712
Conc: 70.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



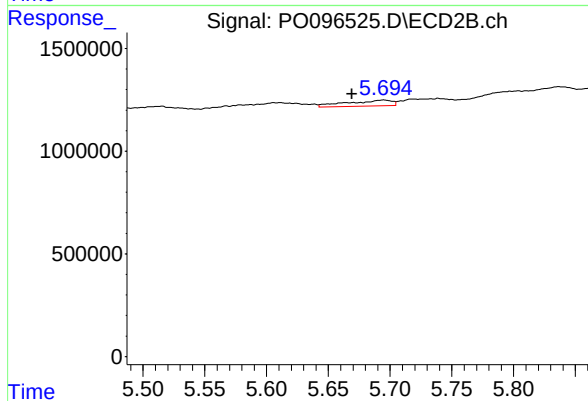
#26 AR-1254-1

R.T.: 5.515 min
Delta R.T.: -0.006 min
Response: 290450
Conc: 3.95 ng/ml



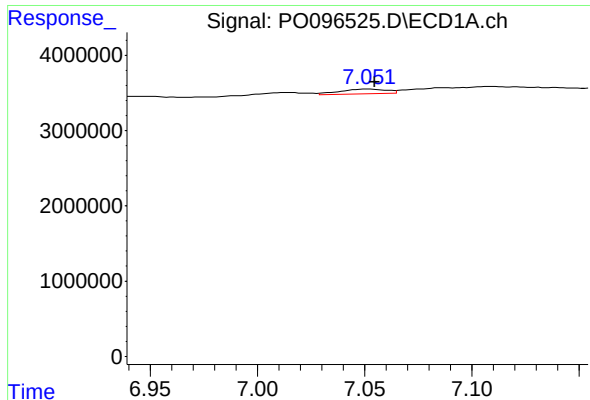
#27 AR-1254-2

R.T.: 6.680 min
Delta R.T.: -0.006 min
Response: 3990323
Conc: 25.72 ng/ml



#27 AR-1254-2

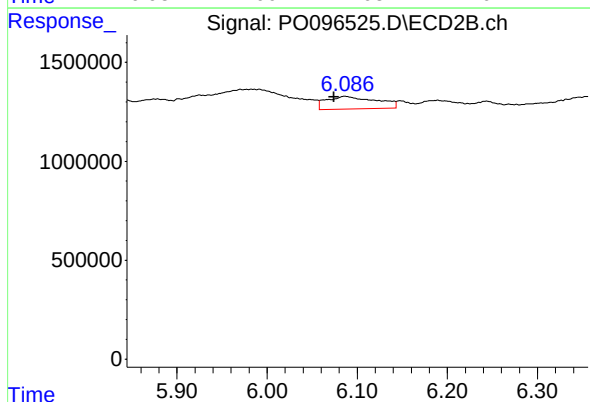
R.T.: 5.695 min
Delta R.T.: 0.025 min
Response: 715915
Conc: 10.97 ng/ml



#28 AR-1254-3

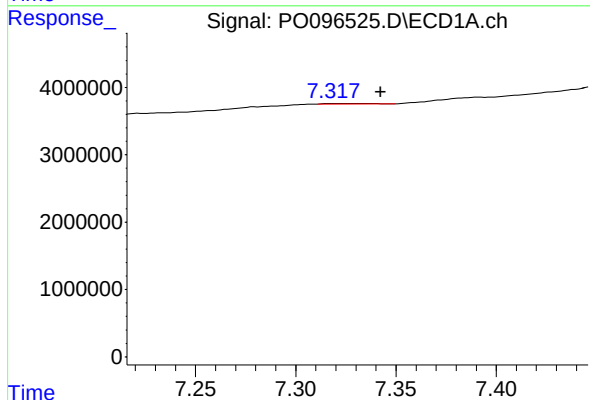
R.T.: 7.051 min
Delta R.T.: -0.003 min
Response: 926613
Conc: 6.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



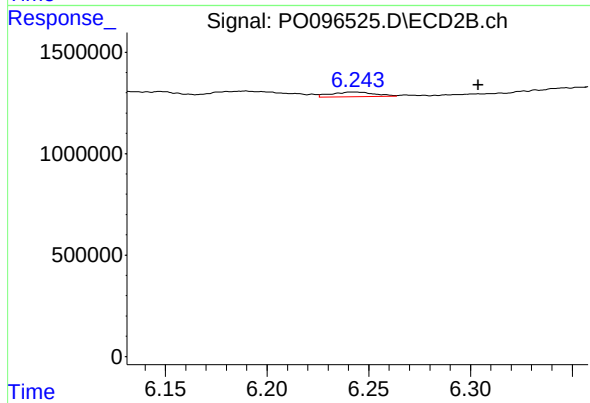
#28 AR-1254-3

R.T.: 6.086 min
Delta R.T.: 0.012 min
Response: 2457901
Conc: 24.36 ng/ml



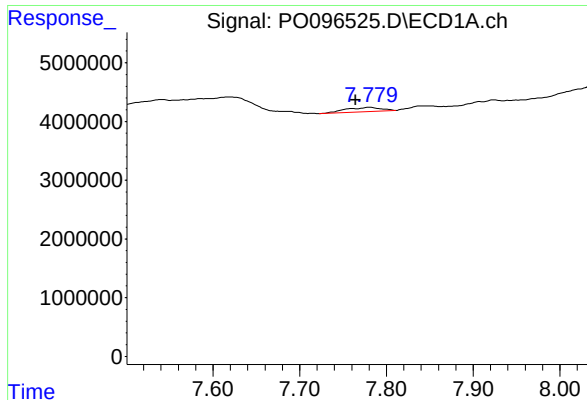
#29 AR-1254-4

R.T.: 7.327 min
Delta R.T.: -0.015 min
Response: 140961
Conc: 1.44 ng/ml



#29 AR-1254-4

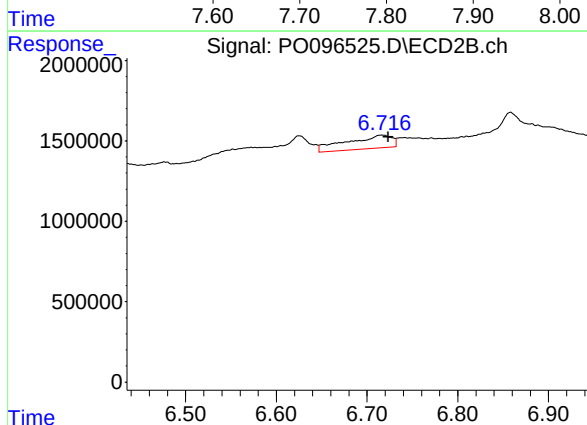
R.T.: 6.243 min
Delta R.T.: -0.061 min
Response: 335153
Conc: 5.62 ng/ml



#30 AR-1254-5

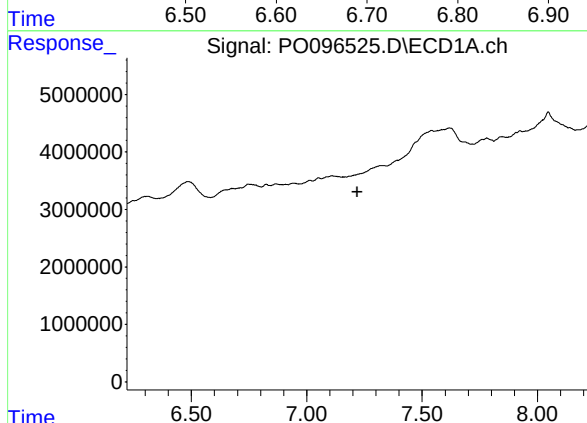
R.T.: 7.780 min
Delta R.T.: 0.016 min
Response: 2195437
Conc: 19.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



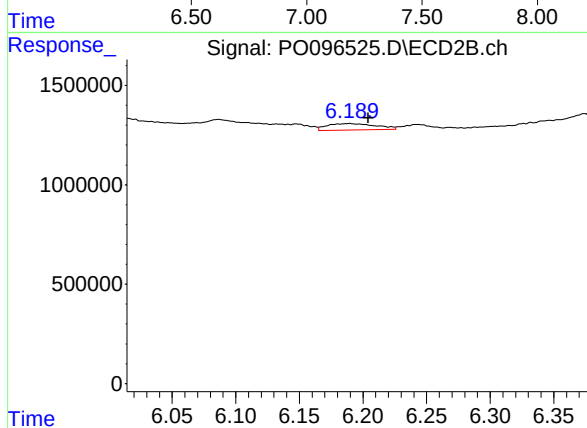
#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: -0.006 min
Response: 2840657
Conc: 32.72 ng/ml



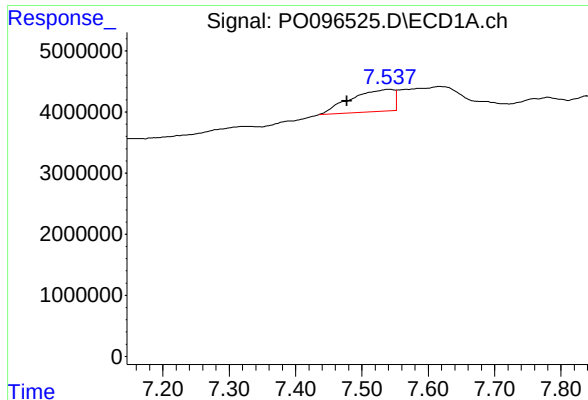
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 7.219 min
Response: 0
Conc: N.D.



#31 AR-1260-1

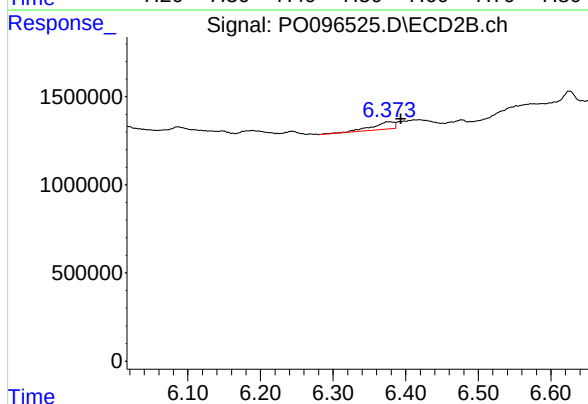
R.T.: 6.189 min
Delta R.T.: -0.015 min
Response: 888286
Conc: 12.19 ng/ml



#32 AR-1260-2

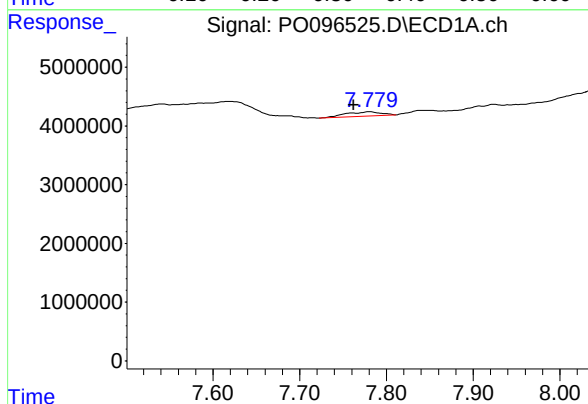
R.T.: 7.541 min
Delta R.T.: 0.064 min
Response: 16297063
Conc: 118.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



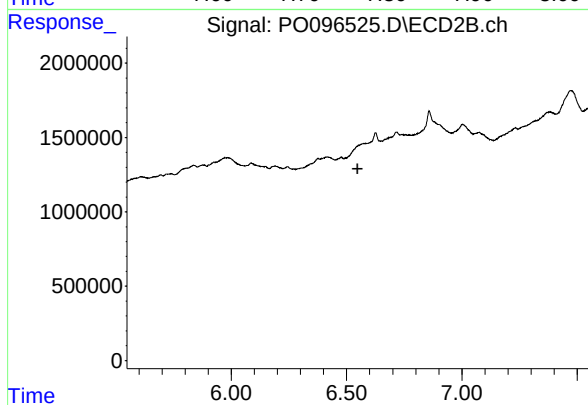
#32 AR-1260-2

R.T.: 6.378 min
Delta R.T.: -0.016 min
Response: 851173
Conc: 9.84 ng/ml



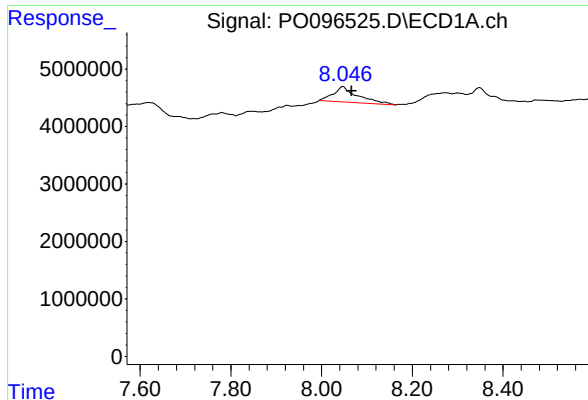
#33 AR-1260-3

R.T.: 7.780 min
Delta R.T.: 0.018 min
Response: 2195437
Conc: 14.36 ng/ml



#33 AR-1260-3

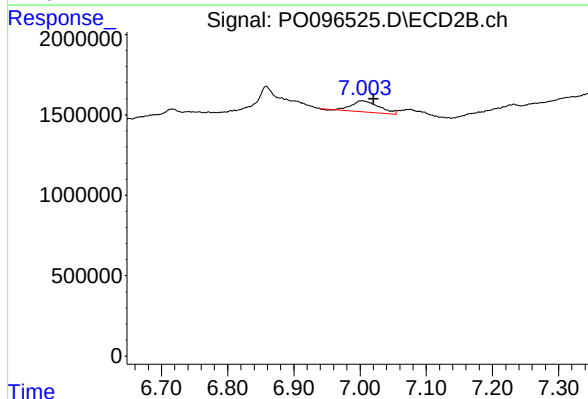
R.T.: 0.000 min
Exp R.T.: 6.547 min
Response: 0
Conc: N.D.



#34 AR-1260-4

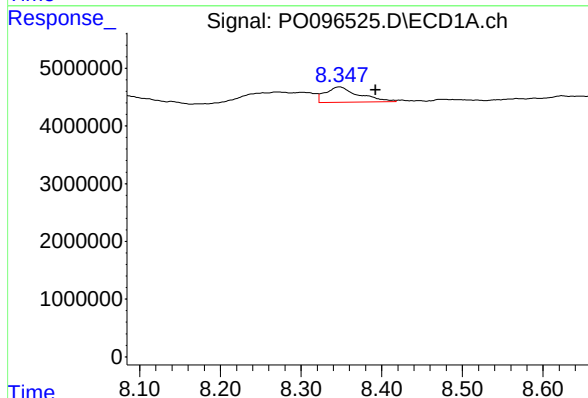
R.T.: 8.047 min
Delta R.T.: -0.020 min
Response: 10144657
Conc: 83.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



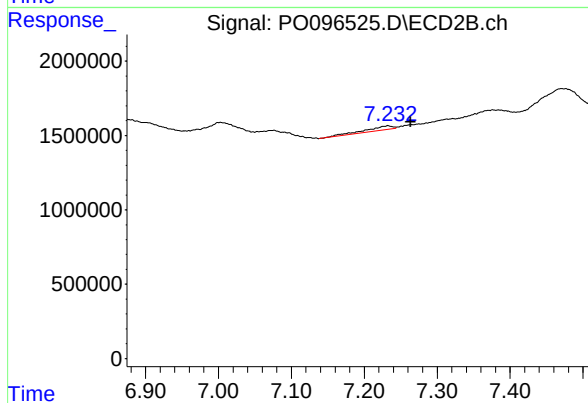
#34 AR-1260-4

R.T.: 7.003 min
Delta R.T.: -0.018 min
Response: 1978088
Conc: 30.29 ng/ml



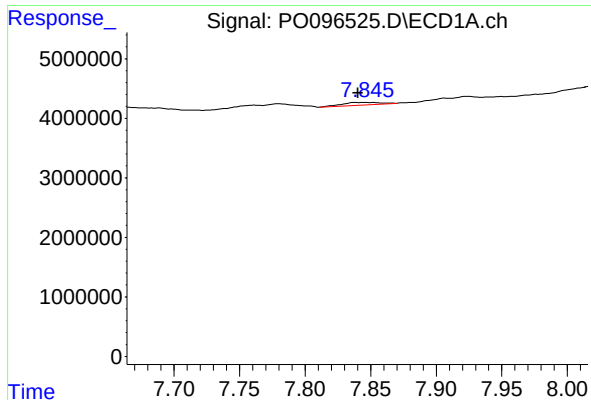
#35 AR-1260-5

R.T.: 8.348 min
Delta R.T.: -0.045 min
Response: 7710122
Conc: 35.06 ng/ml



#35 AR-1260-5

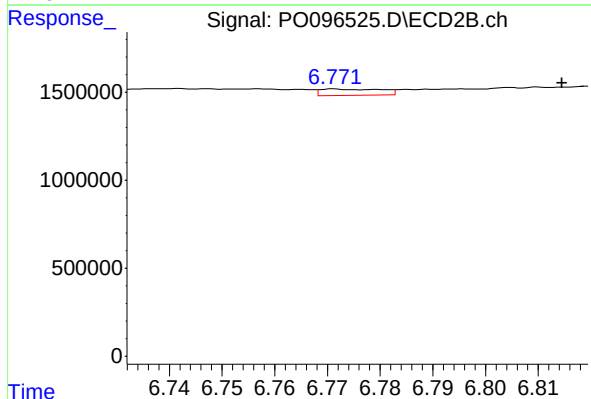
R.T.: 7.233 min
Delta R.T.: -0.031 min
Response: 745154
Conc: 5.26 ng/ml



#36 AR-1262-1

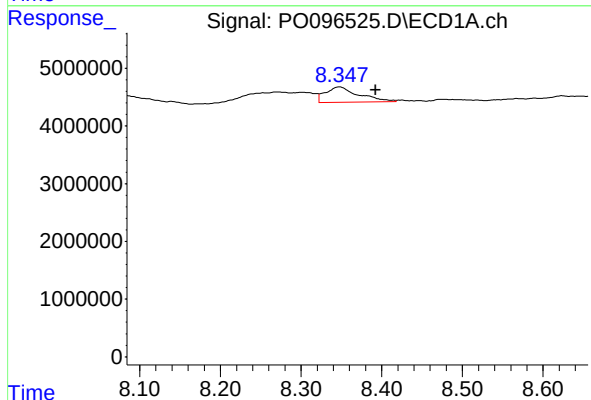
R.T.: 7.846 min
Delta R.T.: 0.005 min
Response: 873961
Conc: 5.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



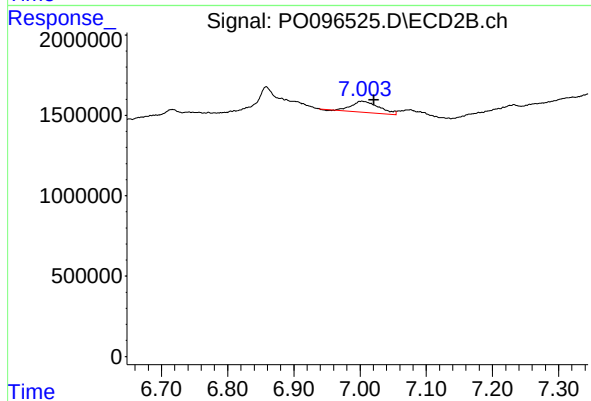
#36 AR-1262-1

R.T.: 6.771 min
Delta R.T.: -0.043 min
Response: 292798
Conc: 7.45 ng/ml



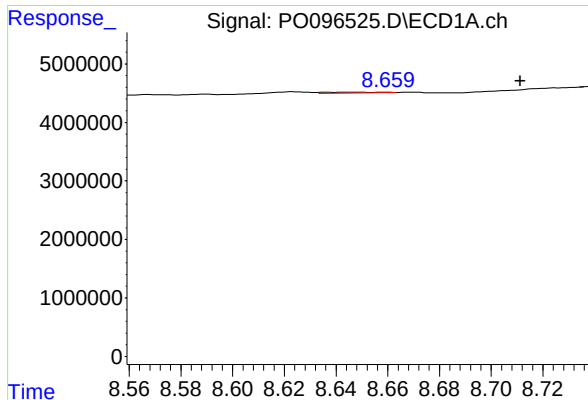
#37 AR-1262-2

R.T.: 8.348 min
Delta R.T.: -0.045 min
Response: 7710122
Conc: 33.81 ng/ml



#37 AR-1262-2

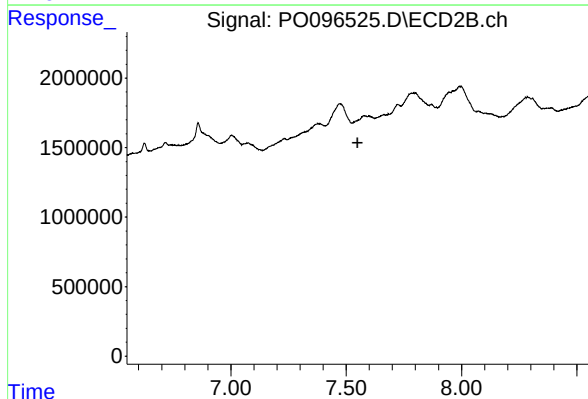
R.T.: 7.003 min
Delta R.T.: -0.018 min
Response: 1978088
Conc: 24.24 ng/ml



#38 AR-1262-3

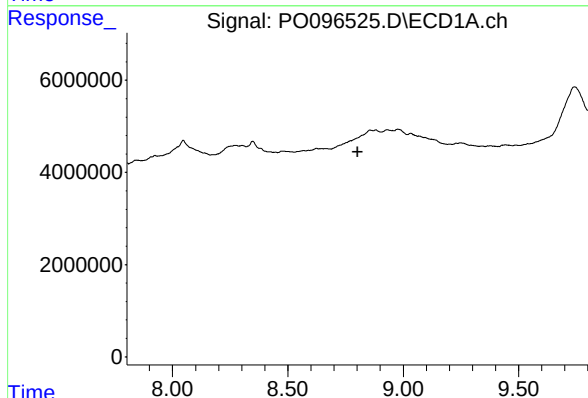
R.T.: 8.647 min
Delta R.T.: -0.064 min
Response: 166296
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



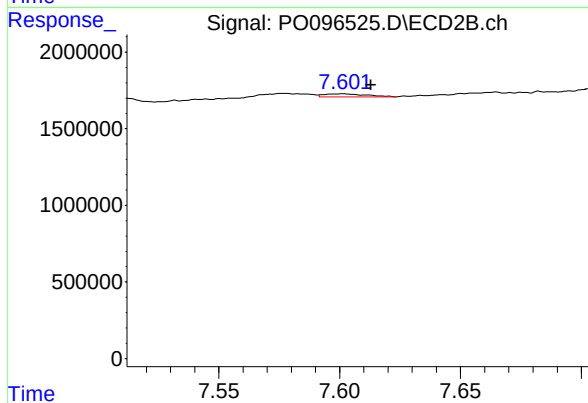
#38 AR-1262-3

R.T.: 7.577 min
Delta R.T.: 0.028 min
Response: -276379
Conc: N.D.



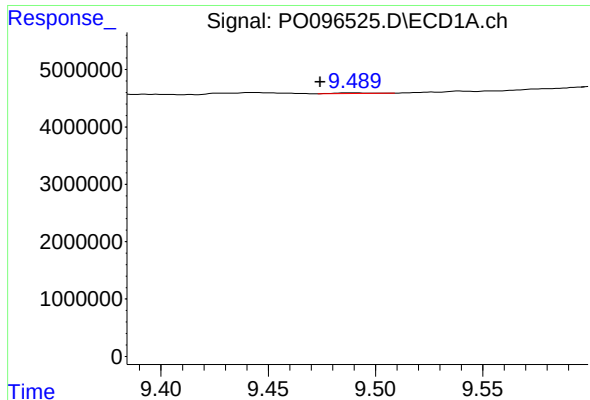
#39 AR-1262-4

R.T.: 8.856 min
Delta R.T.: 0.055 min
Response: -2365117
Conc: N.D.



#39 AR-1262-4

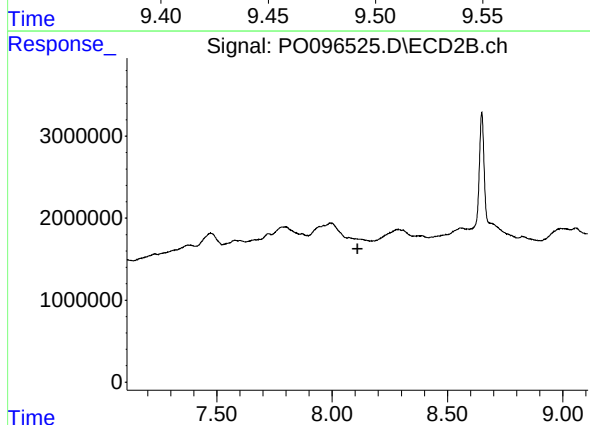
R.T.: 7.601 min
Delta R.T.: -0.012 min
Response: 233095
Conc: 2.06 ng/ml



#40 AR-1262-5

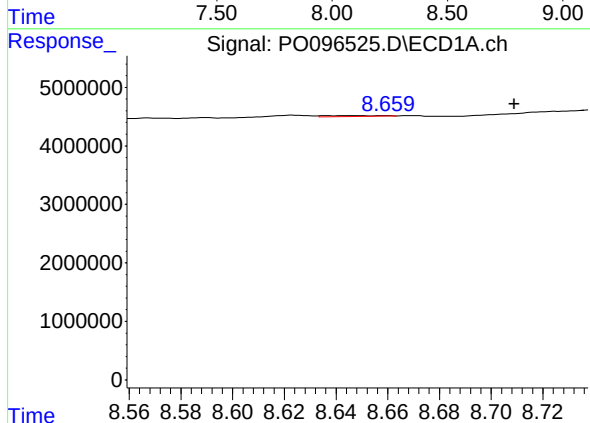
R.T.: 9.490 min
Delta R.T.: 0.015 min
Response: 146120
Conc: 1.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



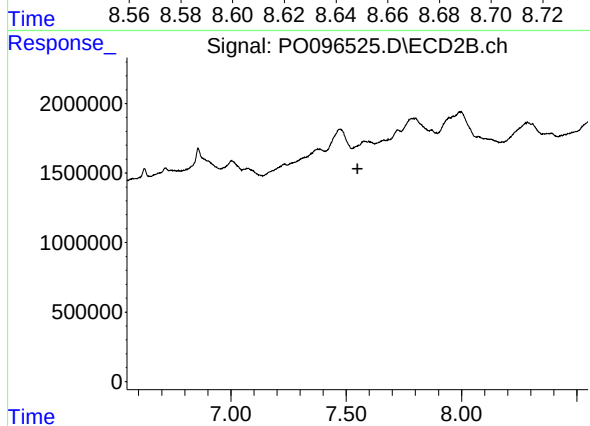
#40 AR-1262-5

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



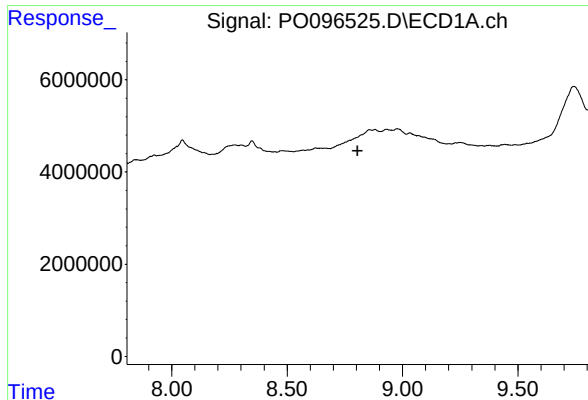
#41 AR-1268-1

R.T.: 8.647 min
Delta R.T.: -0.062 min
Response: 166296
Conc: 0.55 ng/ml



#41 AR-1268-1

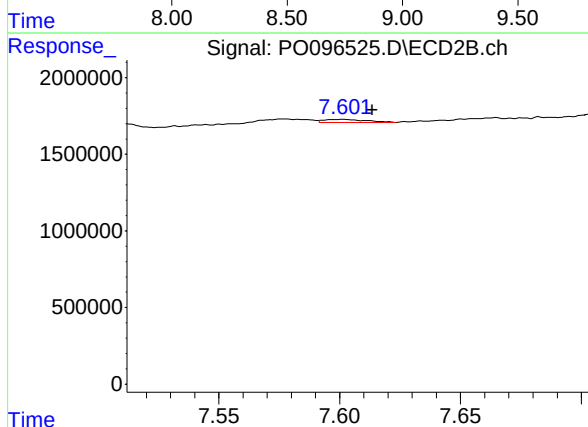
R.T.: 7.577 min
Delta R.T.: 0.028 min
Response: -276379
Conc: N.D.



#42 AR-1268-2

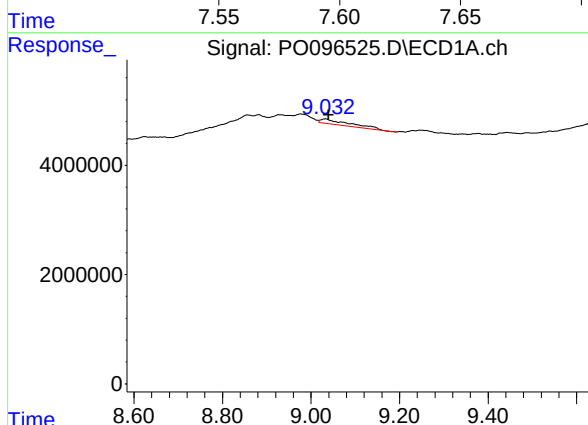
R.T.: 8.856 min
Delta R.T.: 0.051 min
Response: -2365117
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



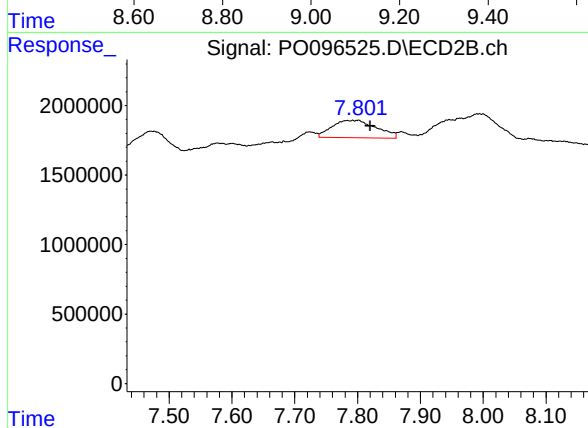
#42 AR-1268-2

R.T.: 7.601 min
Delta R.T.: -0.012 min
Response: 233095
Conc: 1.39 ng/ml



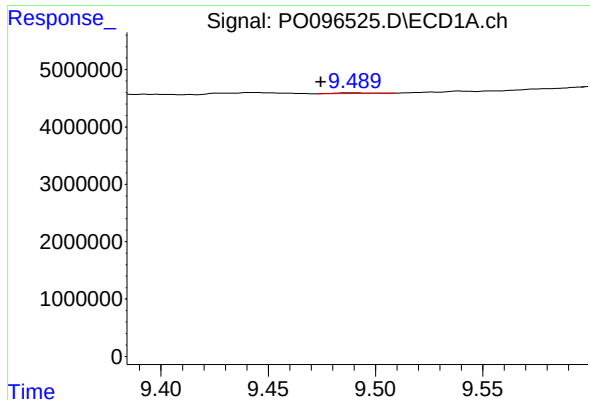
#43 AR-1268-3

R.T.: 9.032 min
Delta R.T.: -0.008 min
Response: 4152466
Conc: 16.59 ng/ml



#43 AR-1268-3

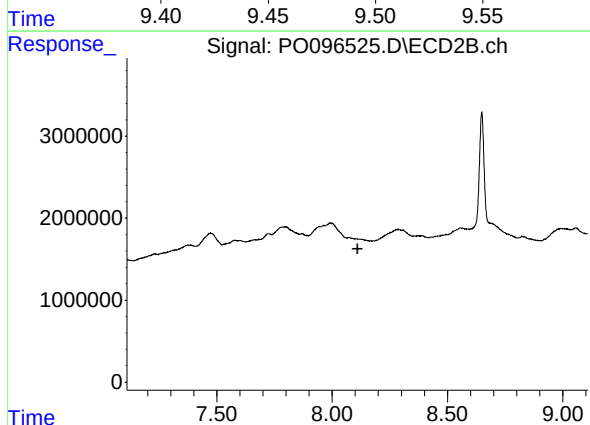
R.T.: 7.801 min
Delta R.T.: -0.020 min
Response: 6094850
Conc: 41.58 ng/ml



#44 AR-1268-4

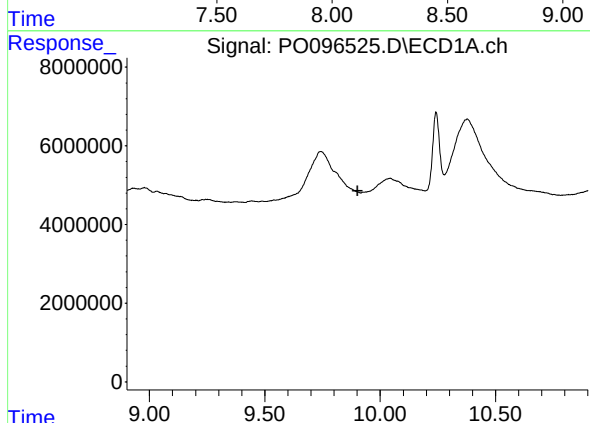
R.T.: 9.490 min
Delta R.T.: 0.015 min
Response: 146120
Conc: 1.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



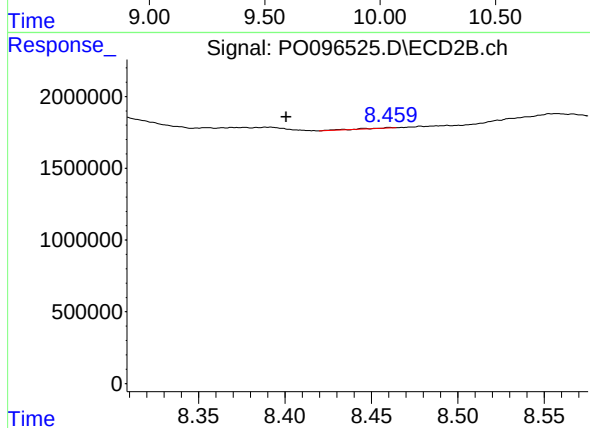
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.902 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.461 min
Delta R.T.: 0.060 min
Response: 56315
Conc: 0.13 ng/ml