

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081723\
 Data File : P0097210.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2023 19:23
 Operator : YP/AJ
 Sample : 04057-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:23:41 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	3.614	59151643	23641219	17.870	17.859
2) SA Decachlor...	10.351	8.630	28917735	13503321	13.215	11.672
Target Compounds						
3) L1 AR-1016-1	5.595	4.718	1325558	1836929	14.074	41.432 #
4) L1 AR-1016-2	5.619	4.718	3067896	1836929	22.933	30.030 #
5) L1 AR-1016-3	5.681	4.893	688371	738141	7.910	22.595 #
6) L1 AR-1016-4	5.783	4.937	1464246	1187858	21.799	41.553 #
7) L1 AR-1016-5	6.084	5.150	2521828	1365722	36.121	35.523
8) L2 AR-1221-1	4.620	0.000	4839459	0	118.745	N.D. #
9) L2 AR-1221-2	4.695	3.908	8906	2179622	0.293	168.692 #
10) L2 AR-1221-3	4.790	4.034f	70093	297332	0.801	7.491 #
11) L3 AR-1232-1	4.790	4.034f	70093	297332	0.961	9.192 #
12) L3 AR-1232-2	5.324	4.718	1175885	1836929	29.660	63.666 #
13) L3 AR-1232-3	5.619	4.893	3067896	738141	50.151	48.684
14) L3 AR-1232-4	5.783	4.977	1464246	1125381	47.986	75.303 #
15) L3 AR-1232-5	5.876	5.150	2752386	1365722	98.359	83.547
16) L4 AR-1242-1	5.595	4.718	1325558	1836929	15.815	46.593 #
17) L4 AR-1242-2	5.619	4.718	3067896	1836929	26.052	33.711 #
18) L4 AR-1242-3	5.681	4.893	688371	738141	9.318	24.964 #
19) L4 AR-1242-4	5.783	4.977	1464246	1125381	24.597	35.711 #
20) L4 AR-1242-5	6.536	5.502	4736497	2661237	86.087	73.038
21) L5 AR-1248-1	5.595	4.718	1325558	1836929	22.623	65.458 #
22) L5 AR-1248-2	5.876	4.937	2752386	1187858	29.275	28.028
23) L5 AR-1248-3	6.084	4.977	2521828	1125381	25.783	25.656
24) L5 AR-1248-4	6.497	5.150	3174487	1365722	34.945	26.753
25) L5 AR-1248-5	6.536	5.543	4736497	2939534	53.771	62.875
26) L6 AR-1254-1	6.468	5.502	2454310	2661237	22.457	36.062 #
27) L6 AR-1254-2	6.697	5.651	5304575	1600840	32.901	24.299 #
28) L6 AR-1254-3	7.070	6.055	4431733	2702993	28.282	26.746
29) L6 AR-1254-4	7.365	6.285	1626710	1147614	16.135	19.829
30) L6 AR-1254-5	7.791	6.703	1554855	2281201	13.856	25.948 #
31) L7 AR-1260-1	7.200	6.199	1255251	1253155	9.987	17.809 #
32) L7 AR-1260-2	7.508	6.374	339935	249662	2.523	2.991
33) L7 AR-1260-3	7.820f	6.526	126778	212598	1.222	2.753 #
34) L7 AR-1260-4	8.087	6.995	1856114	779325	16.602	12.161 #
35) L7 AR-1260-5	8.436	7.246	402329	134085	1.916	0.967 #
36) L8 AR-1262-1	7.820f	6.789	126778	735521	0.854	18.683 #
37) L8 AR-1262-2	8.436	6.995	402329	779325	1.738	9.609 #
38) L8 AR-1262-3	8.767	7.528	1166387	1476649	6.993	23.010 #
39) L8 AR-1262-4	8.863	7.593	438302	504251	6.012	4.439 #
40) L8 AR-1262-5	9.558	8.127	156241	743444	1.876	14.156 #
41) L9 AR-1268-1	8.767	7.528	1166387	1476649	3.794	7.969 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081723\
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Integration File signal 1: autoint1.e
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 QLast Update : Tue Aug 08 04:34:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

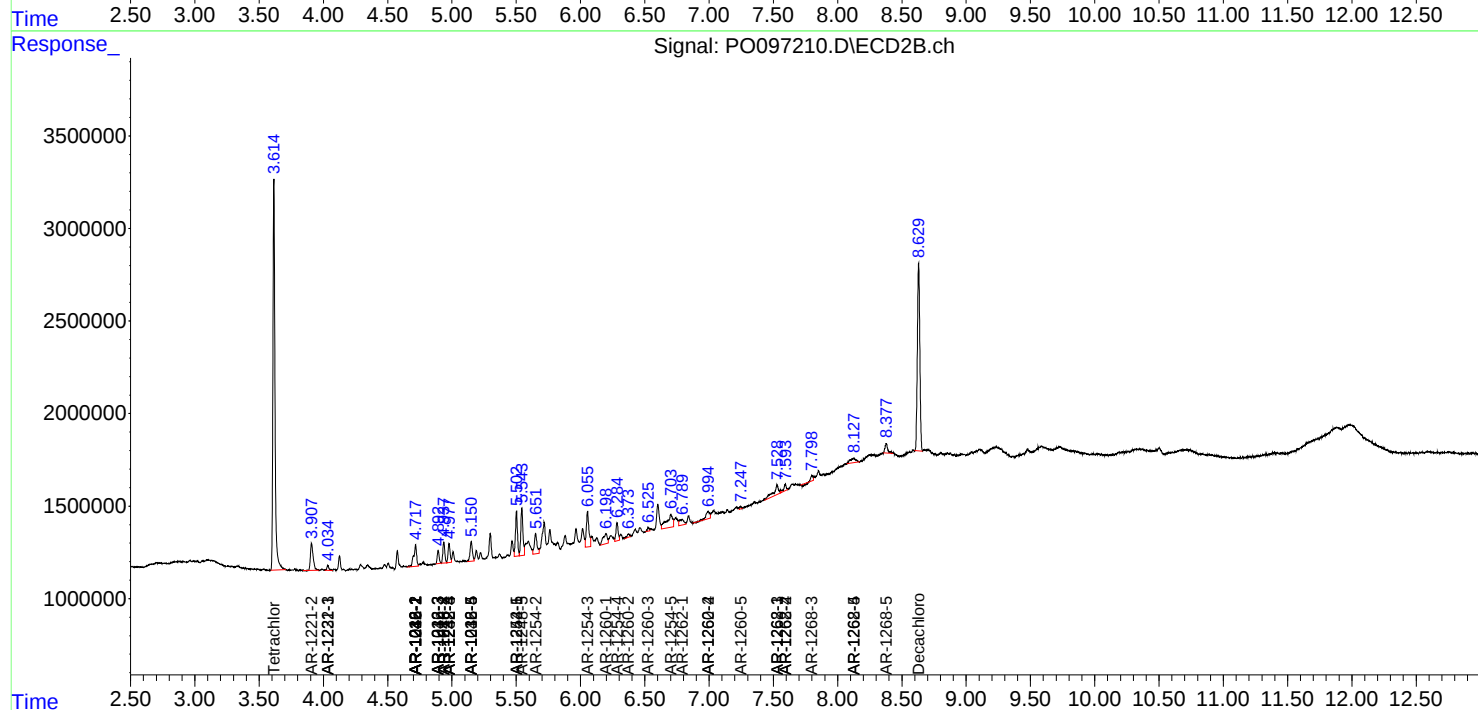
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

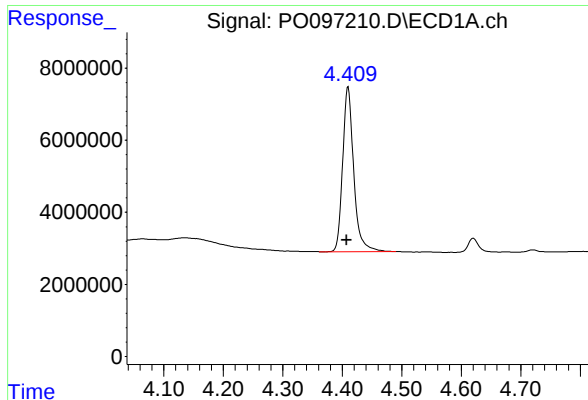
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.863	7.593	438302	504251	1.599	3.007 #
43) L9	AR-1268-3	9.103	7.799	836300	118810	3.275	0.822 #
44) L9	AR-1268-4	9.558	8.127	156241	743444	1.685	12.480 #
45) L9	AR-1268-5	9.989	8.378	1108573	785792	1.372	1.889 #

(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

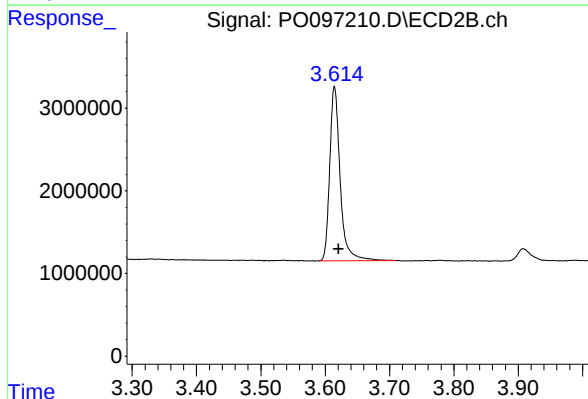




#1 Tetrachloro-m-xylene

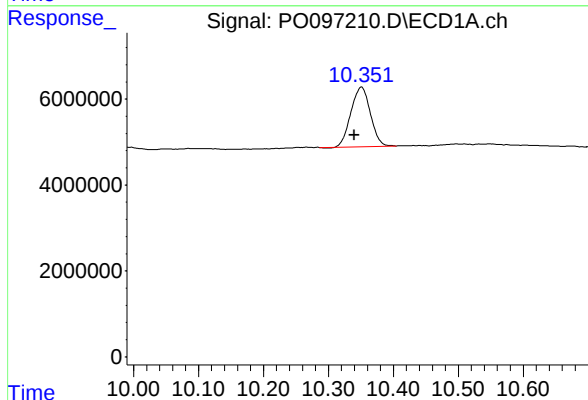
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 59151643
Conc: 17.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



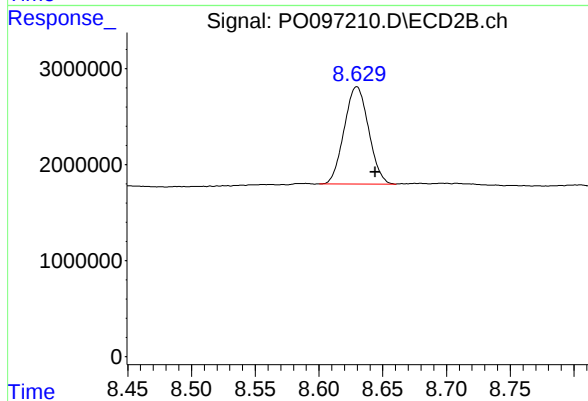
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 23641219
Conc: 17.86 ng/ml



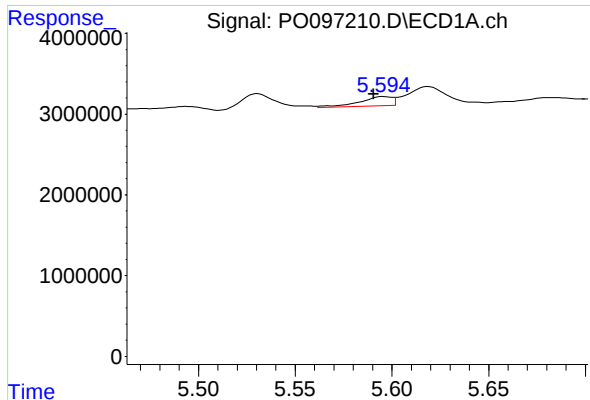
#2 Decachlorobiphenyl

R.T.: 10.351 min
Delta R.T.: 0.011 min
Response: 28917735
Conc: 13.22 ng/ml



#2 Decachlorobiphenyl

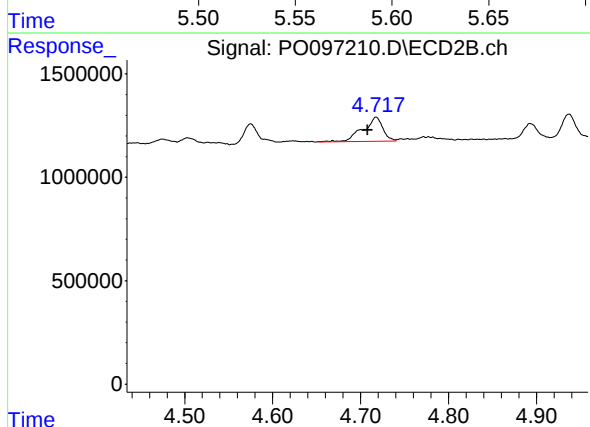
R.T.: 8.630 min
Delta R.T.: -0.015 min
Response: 13503321
Conc: 11.67 ng/ml



#3 AR-1016-1

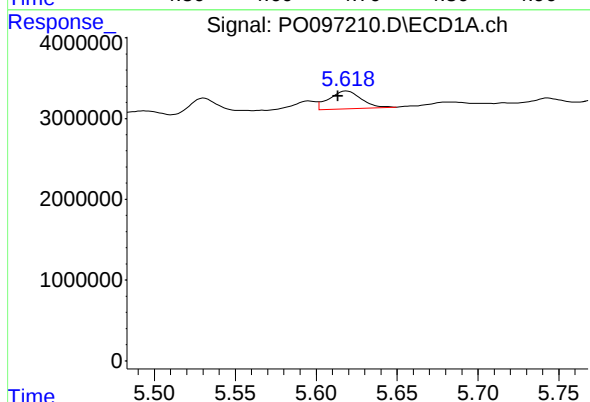
R.T.: 5.595 min
Delta R.T.: 0.005 min
Response: 1325558
Conc: 14.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



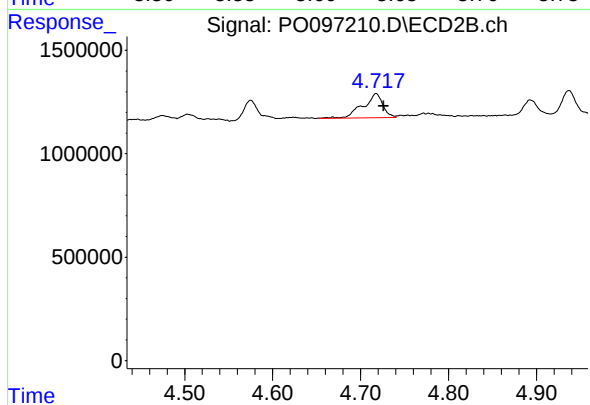
#3 AR-1016-1

R.T.: 4.718 min
Delta R.T.: 0.010 min
Response: 1836929
Conc: 41.43 ng/ml



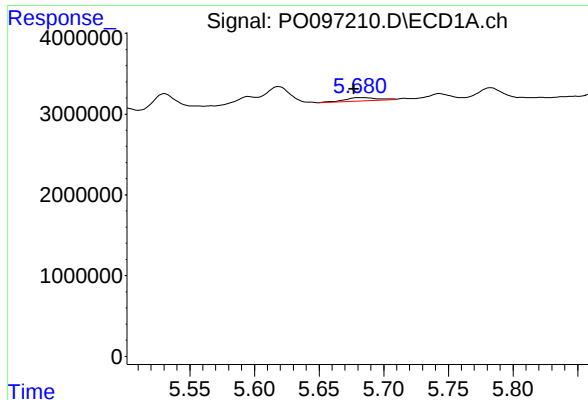
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 3067896
Conc: 22.93 ng/ml



#4 AR-1016-2

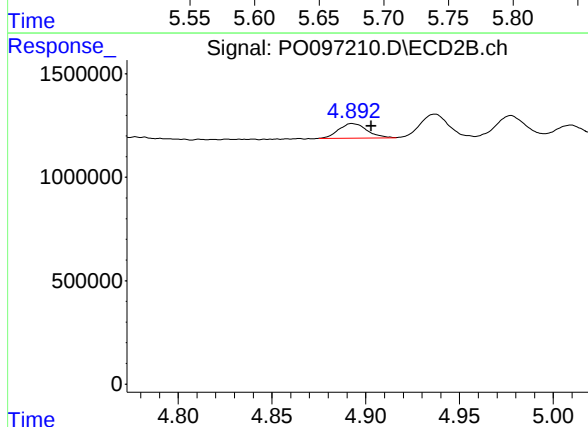
R.T.: 4.718 min
Delta R.T.: -0.009 min
Response: 1836929
Conc: 30.03 ng/ml



#5 AR-1016-3

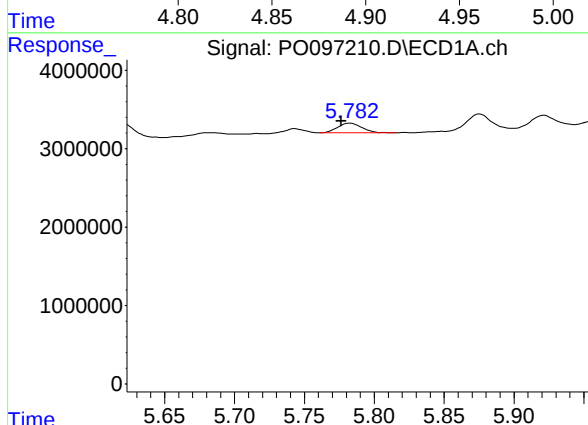
R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 688371
Conc: 7.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



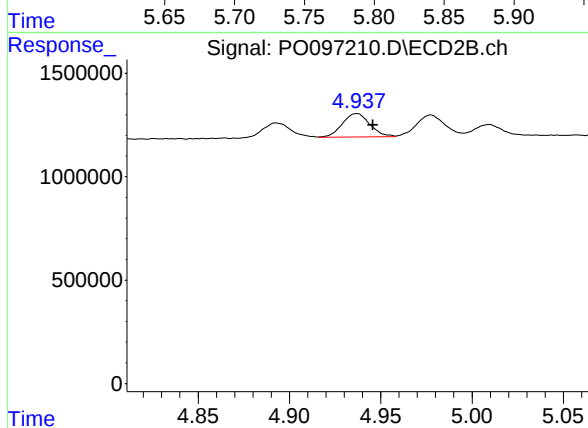
#5 AR-1016-3

R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 738141
Conc: 22.59 ng/ml



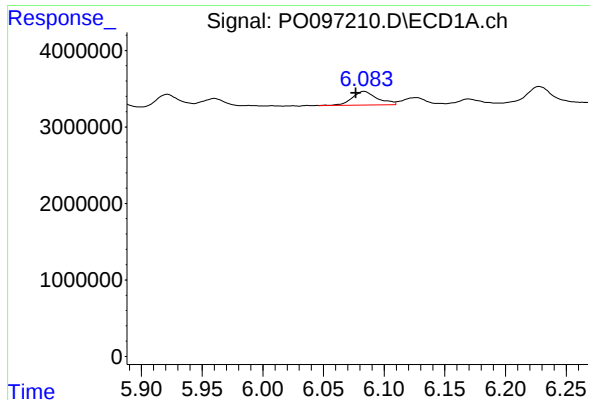
#6 AR-1016-4

R.T.: 5.783 min
Delta R.T.: 0.006 min
Response: 1464246
Conc: 21.80 ng/ml



#6 AR-1016-4

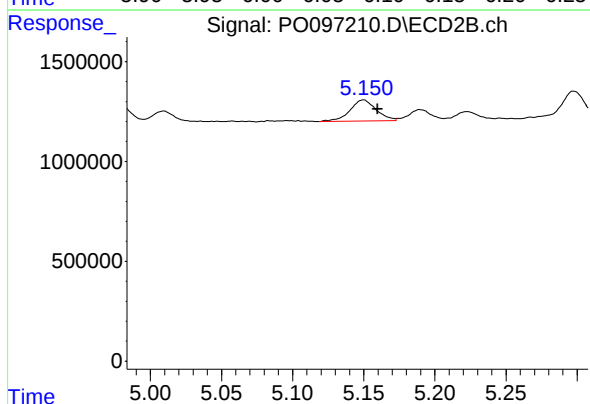
R.T.: 4.937 min
Delta R.T.: -0.009 min
Response: 1187858
Conc: 41.55 ng/ml



#7 AR-1016-5

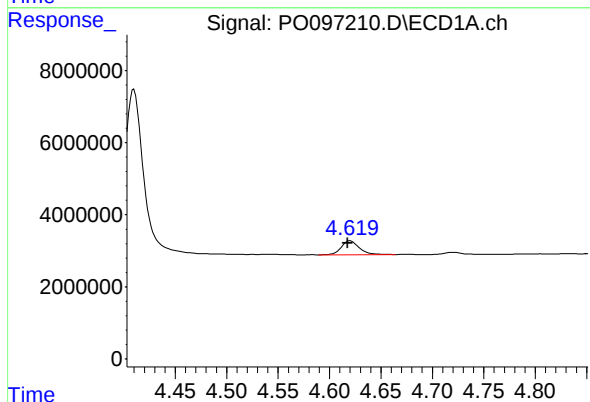
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 2521828
Conc: 36.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



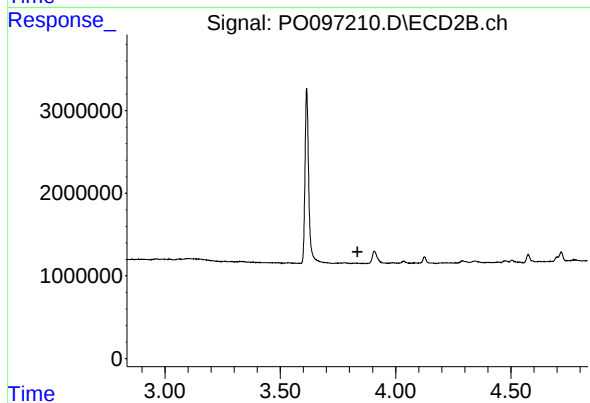
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.010 min
Response: 1365722
Conc: 35.52 ng/ml



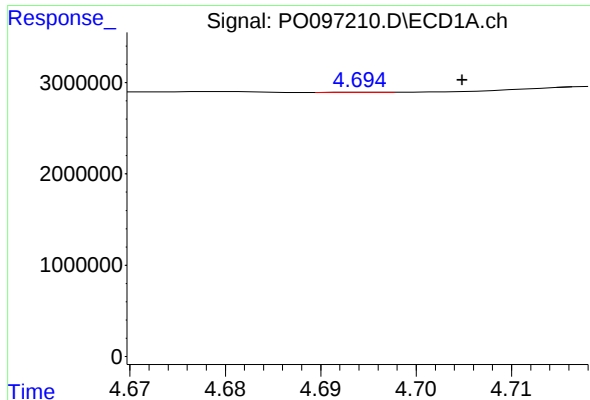
#8 AR-1221-1

R.T.: 4.620 min
Delta R.T.: 0.003 min
Response: 4839459
Conc: 118.74 ng/ml



#8 AR-1221-1

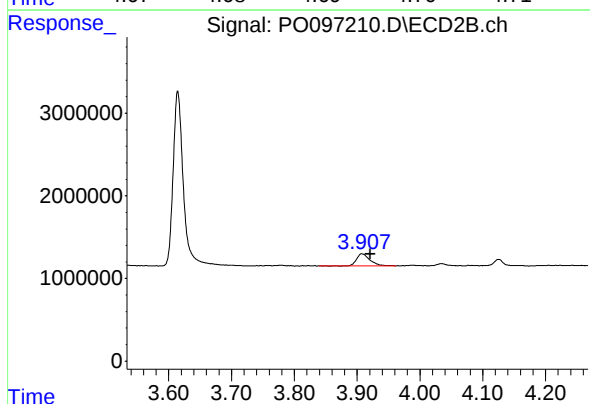
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

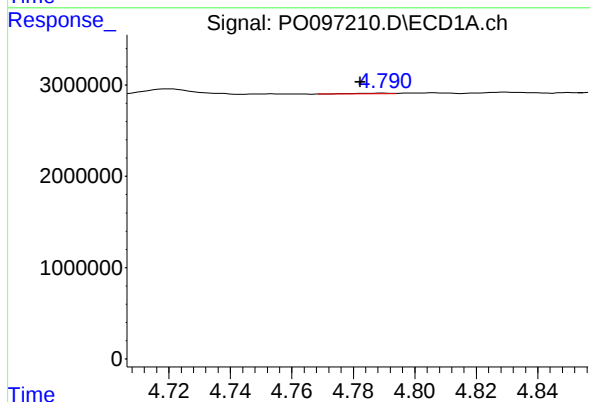
R.T.: 4.695 min
Delta R.T.: -0.010 min
Response: 8906
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



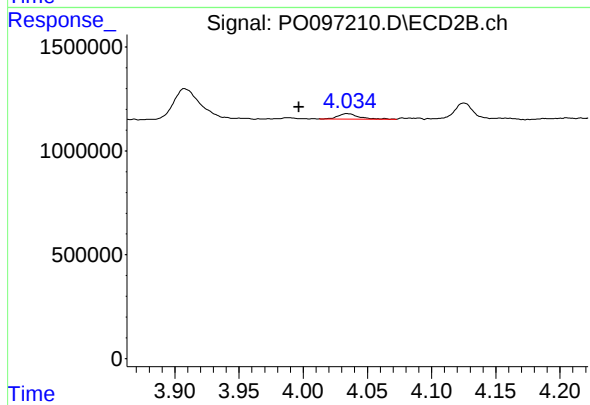
#9 AR-1221-2

R.T.: 3.908 min
Delta R.T.: -0.013 min
Response: 2179622
Conc: 168.69 ng/ml



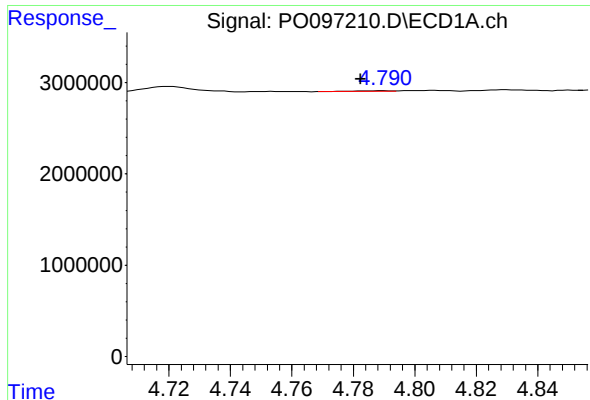
#10 AR-1221-3

R.T.: 4.790 min
Delta R.T.: 0.008 min
Response: 70093
Conc: 0.80 ng/ml



#10 AR-1221-3

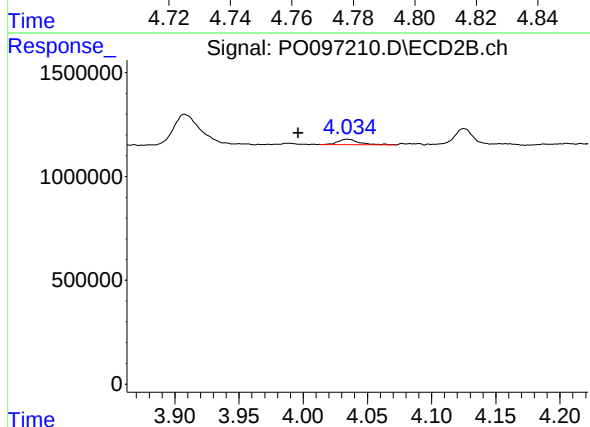
R.T.: 4.034 min
Delta R.T.: 0.038 min
Response: 297332
Conc: 7.49 ng/ml



#11 AR-1232-1

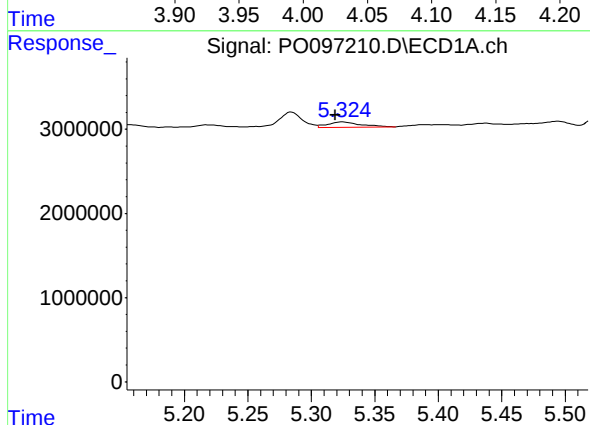
R.T.: 4.790 min
Delta R.T.: 0.008 min
Response: 70093
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



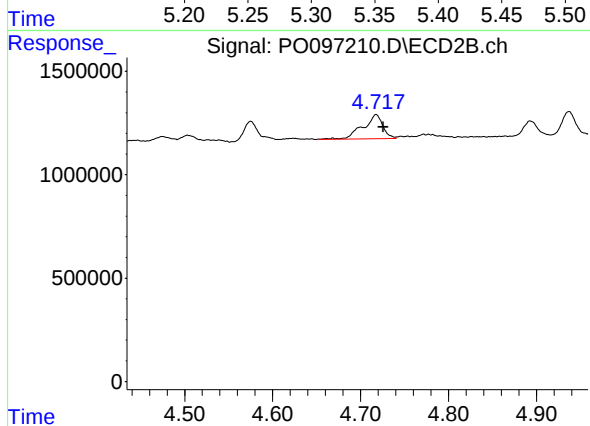
#11 AR-1232-1

R.T.: 4.034 min
Delta R.T.: 0.038 min
Response: 297332
Conc: 9.19 ng/ml



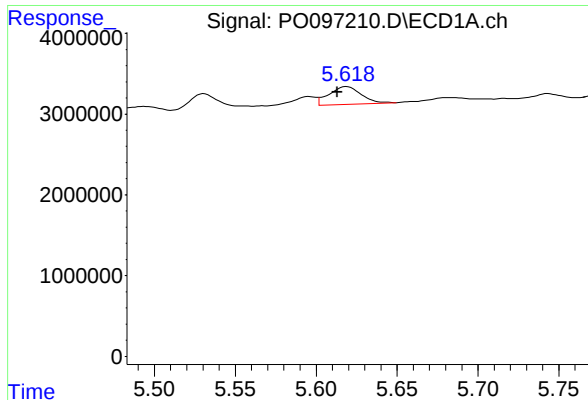
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: 0.005 min
Response: 1175885
Conc: 29.66 ng/ml



#12 AR-1232-2

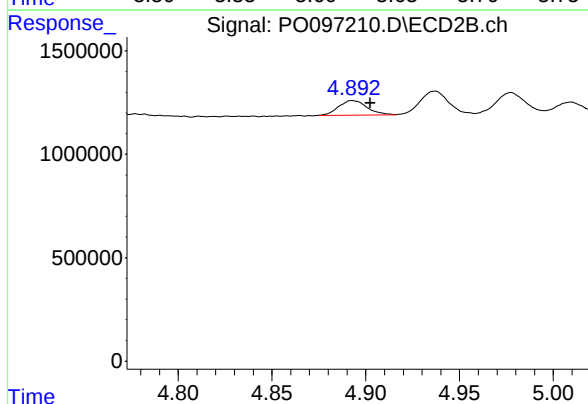
R.T.: 4.718 min
Delta R.T.: -0.008 min
Response: 1836929
Conc: 63.67 ng/ml



#13 AR-1232-3

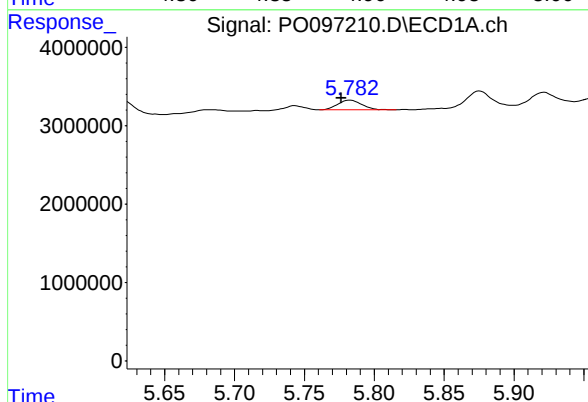
R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 3067896
Conc: 50.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



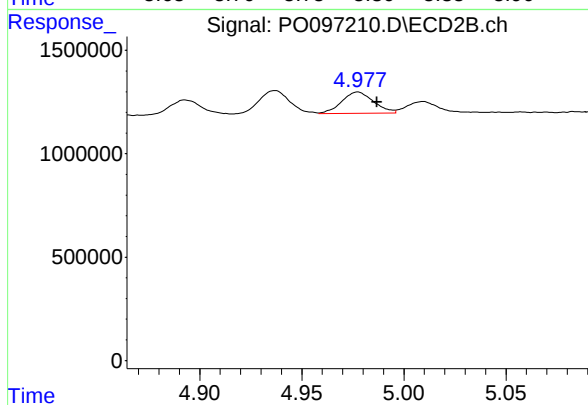
#13 AR-1232-3

R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 738141
Conc: 48.68 ng/ml



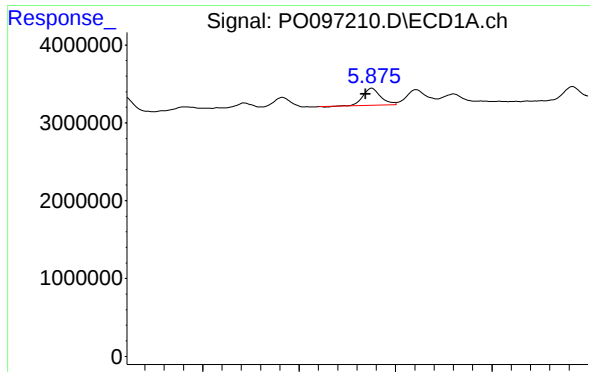
#14 AR-1232-4

R.T.: 5.783 min
Delta R.T.: 0.006 min
Response: 1464246
Conc: 47.99 ng/ml



#14 AR-1232-4

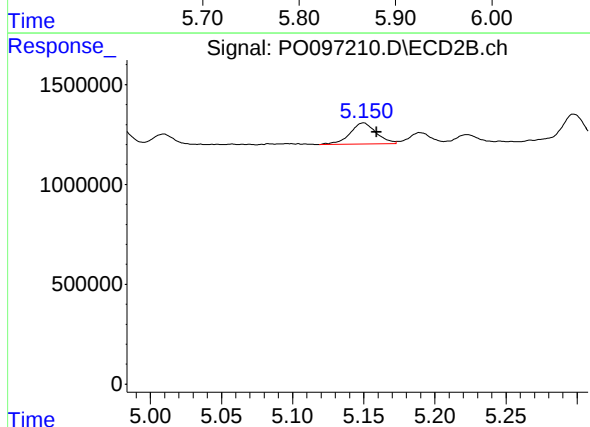
R.T.: 4.977 min
Delta R.T.: -0.009 min
Response: 1125381
Conc: 75.30 ng/ml



#15 AR-1232-5

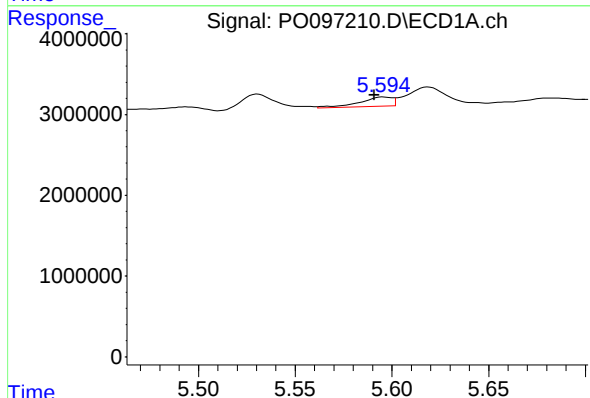
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 2752386
Conc: 98.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



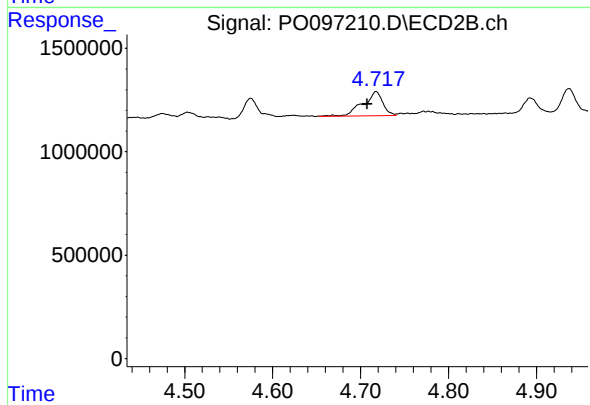
#15 AR-1232-5

R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 1365722
Conc: 83.55 ng/ml



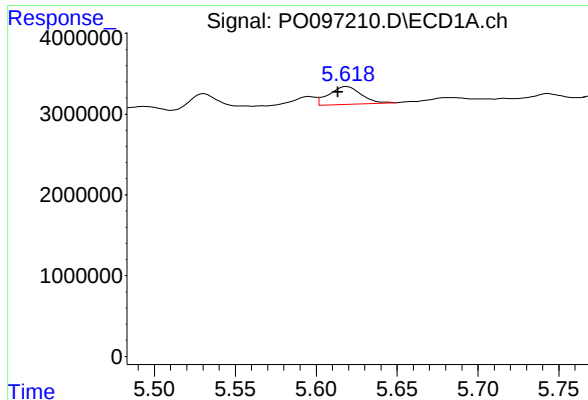
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 1325558
Conc: 15.81 ng/ml



#16 AR-1242-1

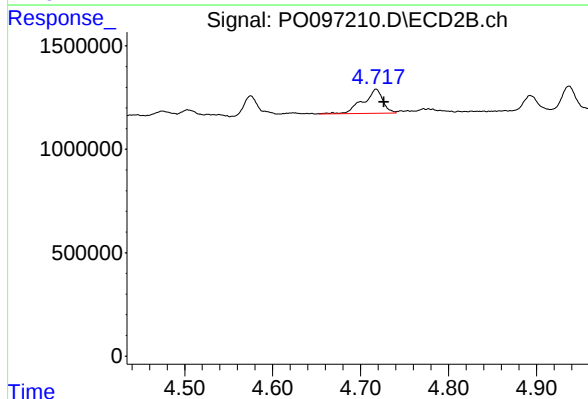
R.T.: 4.718 min
Delta R.T.: 0.010 min
Response: 1836929
Conc: 46.59 ng/ml



#17 AR-1242-2

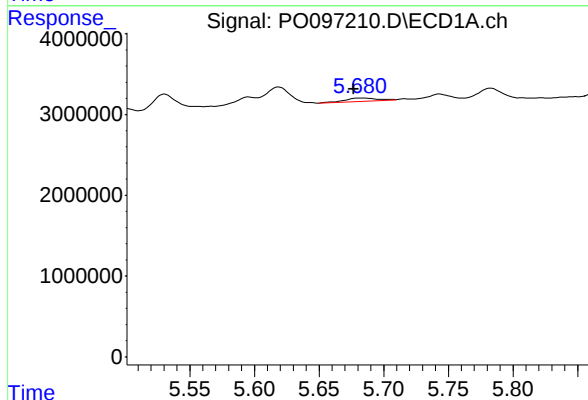
R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 3067896
Conc: 26.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



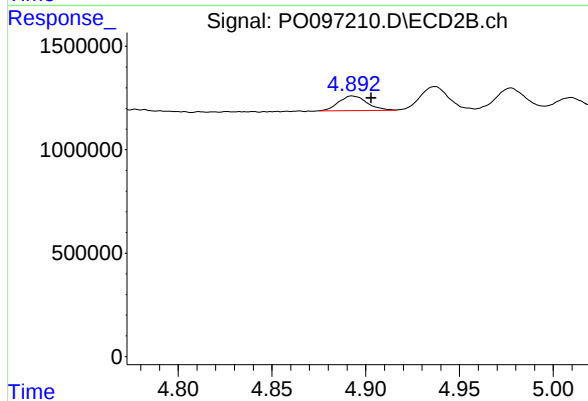
#17 AR-1242-2

R.T.: 4.718 min
Delta R.T.: -0.009 min
Response: 1836929
Conc: 33.71 ng/ml



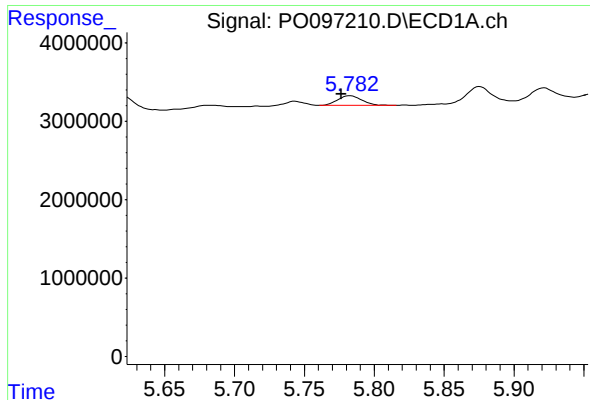
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 688371
Conc: 9.32 ng/ml



#18 AR-1242-3

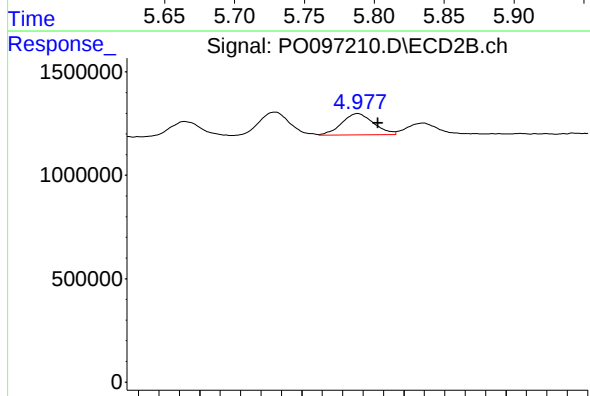
R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 738141
Conc: 24.96 ng/ml



#19 AR-1242-4

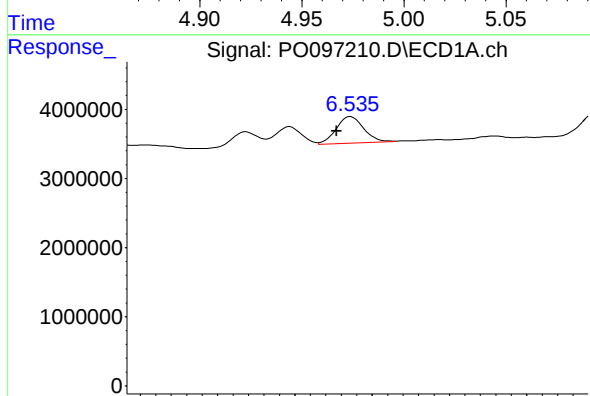
R.T.: 5.783 min
Delta R.T.: 0.006 min
Response: 1464246
Conc: 24.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



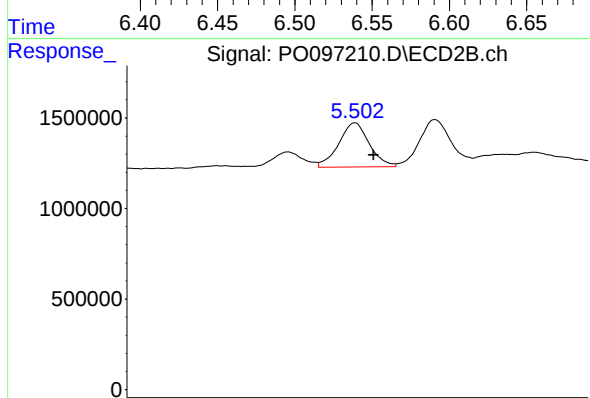
#19 AR-1242-4

R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 1125381
Conc: 35.71 ng/ml



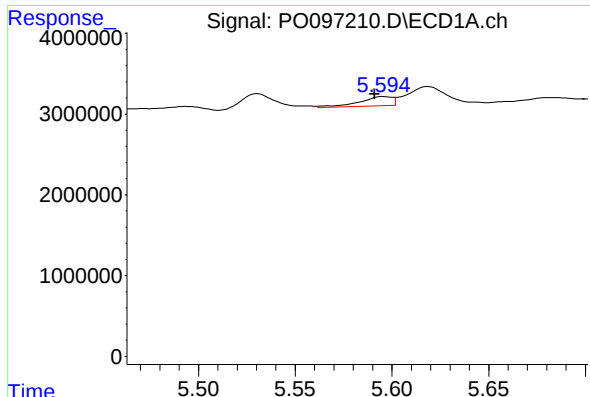
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 4736497
Conc: 86.09 ng/ml



#20 AR-1242-5

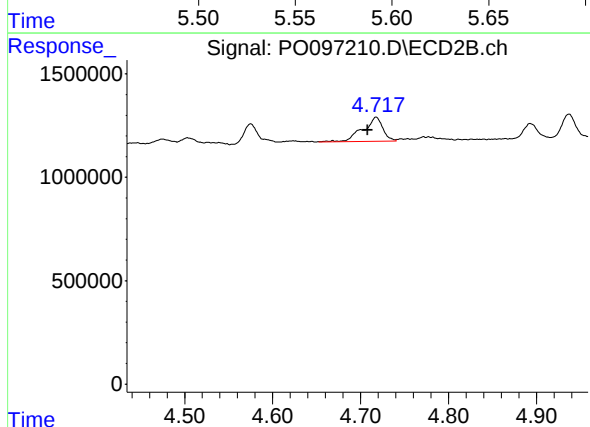
R.T.: 5.502 min
Delta R.T.: -0.010 min
Response: 2661237
Conc: 73.04 ng/ml



#21 AR-1248-1

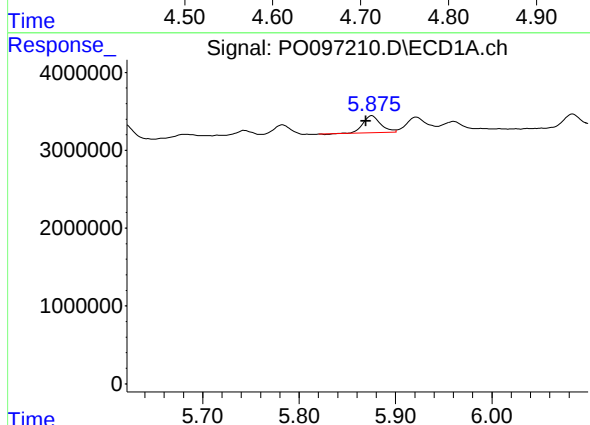
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 1325558
Conc: 22.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



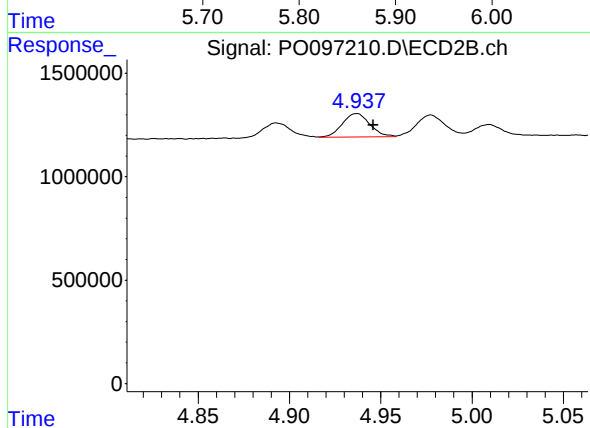
#21 AR-1248-1

R.T.: 4.718 min
Delta R.T.: 0.010 min
Response: 1836929
Conc: 65.46 ng/ml



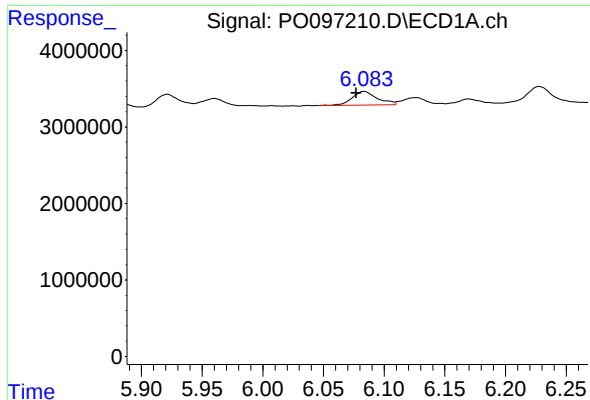
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.006 min
Response: 2752386
Conc: 29.28 ng/ml



#22 AR-1248-2

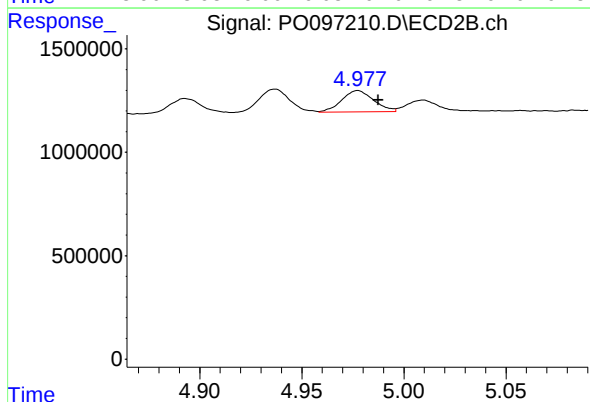
R.T.: 4.937 min
Delta R.T.: -0.009 min
Response: 1187858
Conc: 28.03 ng/ml



#23 AR-1248-3

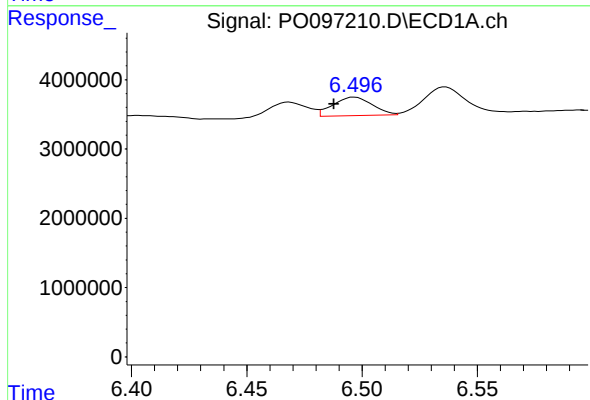
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 2521828
Conc: 25.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



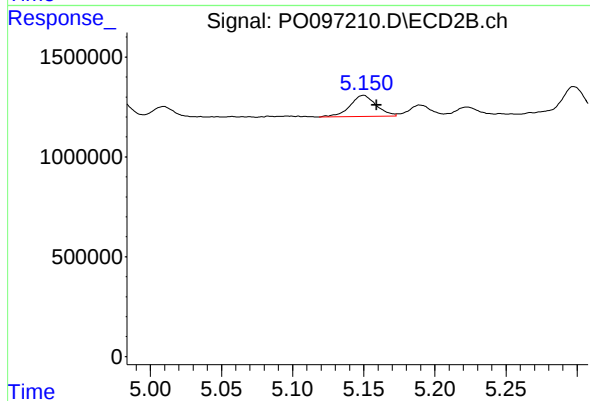
#23 AR-1248-3

R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 1125381
Conc: 25.66 ng/ml



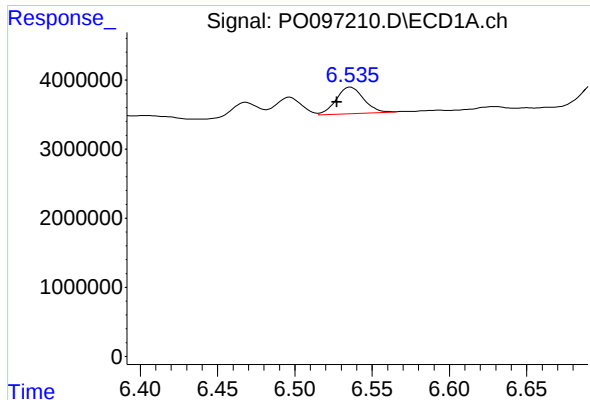
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.009 min
Response: 3174487
Conc: 34.94 ng/ml



#24 AR-1248-4

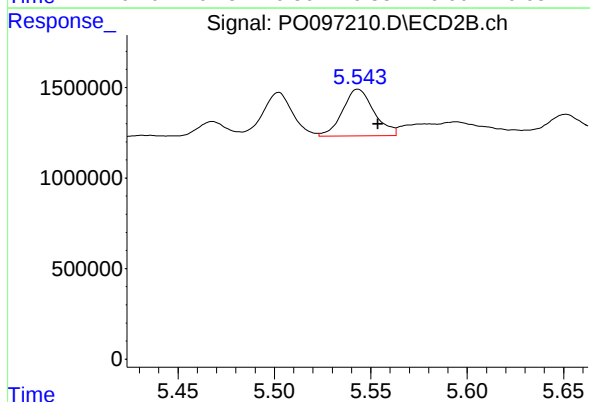
R.T.: 5.150 min
Delta R.T.: -0.009 min
Response: 1365722
Conc: 26.75 ng/ml



#25 AR-1248-5

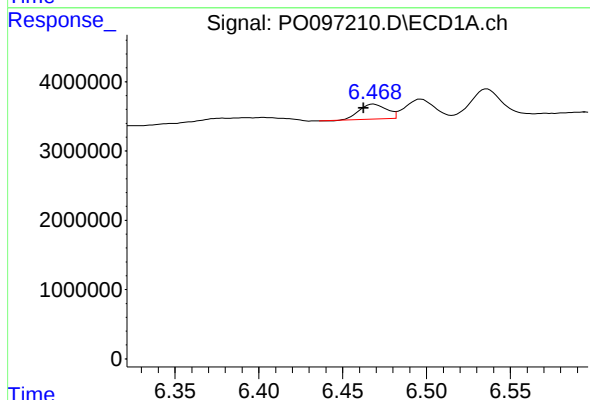
R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 4736497
Conc: 53.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



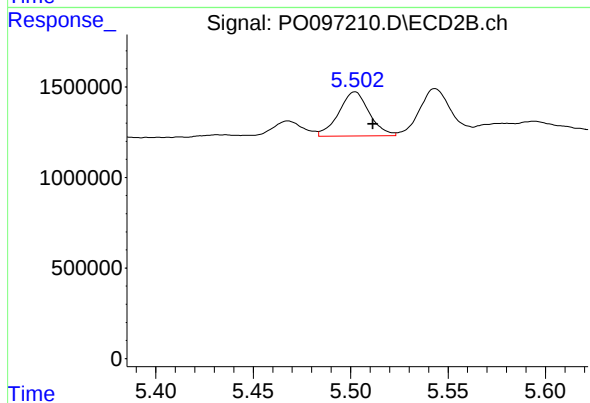
#25 AR-1248-5

R.T.: 5.543 min
Delta R.T.: -0.010 min
Response: 2939534
Conc: 62.88 ng/ml



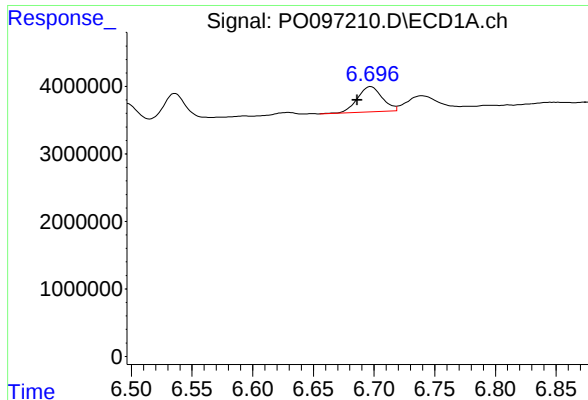
#26 AR-1254-1

R.T.: 6.468 min
Delta R.T.: 0.006 min
Response: 2454310
Conc: 22.46 ng/ml



#26 AR-1254-1

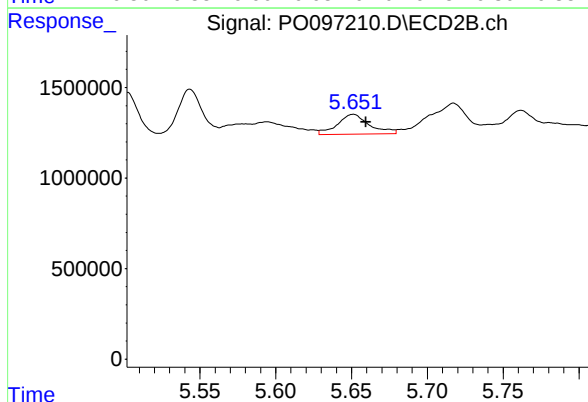
R.T.: 5.502 min
Delta R.T.: -0.009 min
Response: 2661237
Conc: 36.06 ng/ml



#27 AR-1254-2

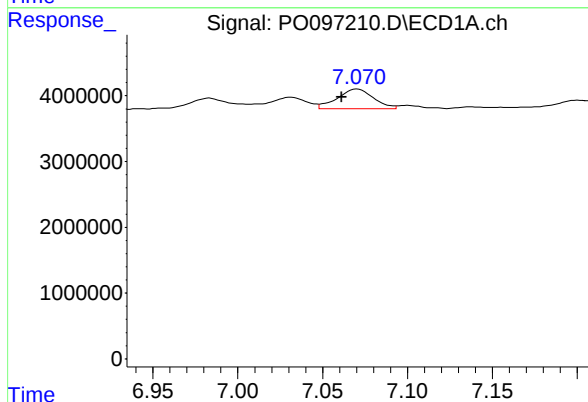
R.T.: 6.697 min
Delta R.T.: 0.011 min
Response: 5304575
Conc: 32.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



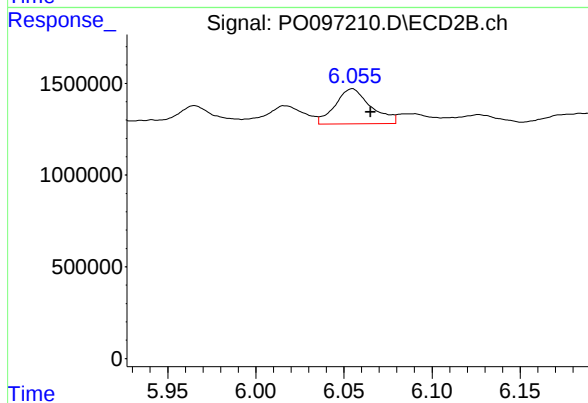
#27 AR-1254-2

R.T.: 5.651 min
Delta R.T.: -0.008 min
Response: 1600840
Conc: 24.30 ng/ml



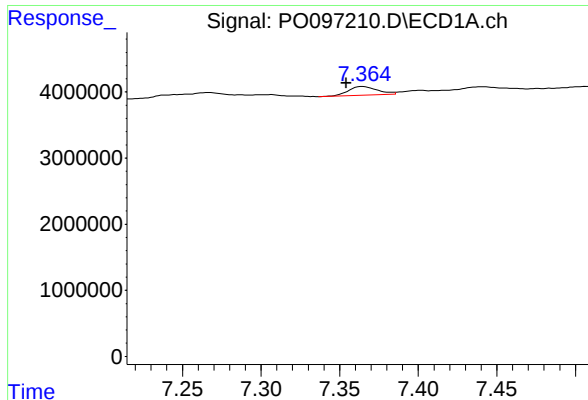
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 4431733
Conc: 28.28 ng/ml



#28 AR-1254-3

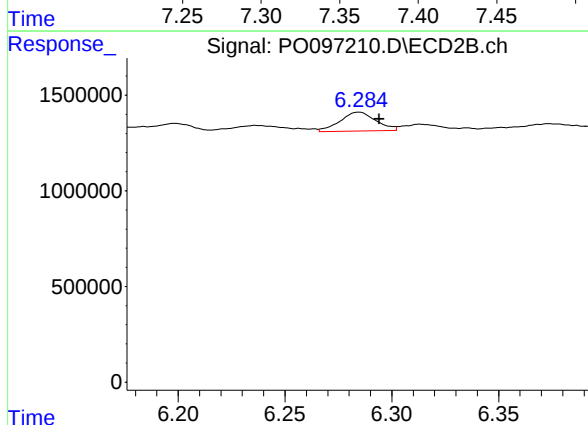
R.T.: 6.055 min
Delta R.T.: -0.010 min
Response: 2702993
Conc: 26.75 ng/ml



#29 AR-1254-4

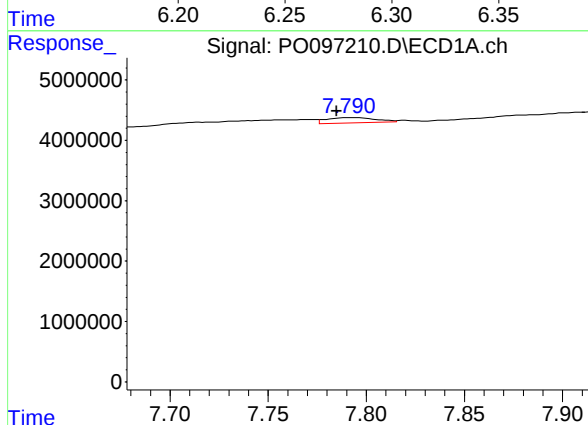
R.T.: 7.365 min
Delta R.T.: 0.011 min
Response: 1626710
Conc: 16.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



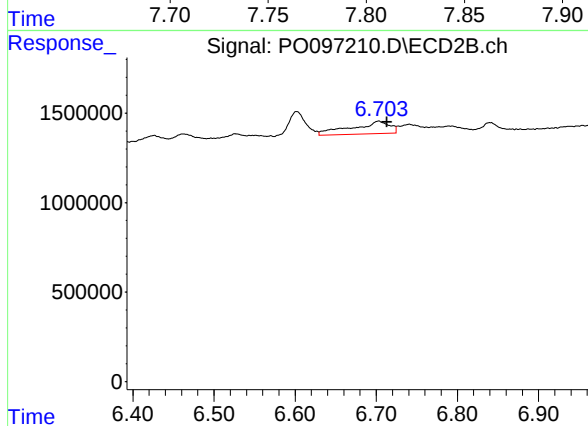
#29 AR-1254-4

R.T.: 6.285 min
Delta R.T.: -0.010 min
Response: 1147614
Conc: 19.83 ng/ml



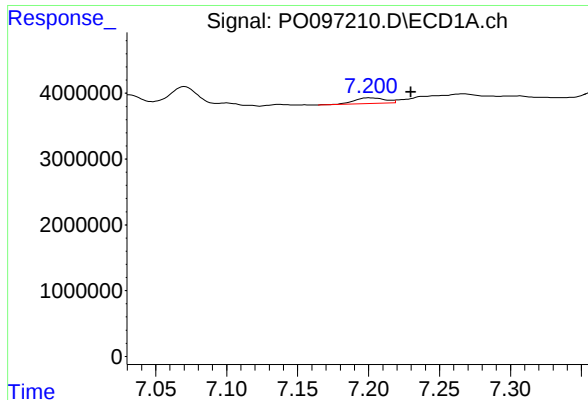
#30 AR-1254-5

R.T.: 7.791 min
Delta R.T.: 0.006 min
Response: 1554855
Conc: 13.86 ng/ml



#30 AR-1254-5

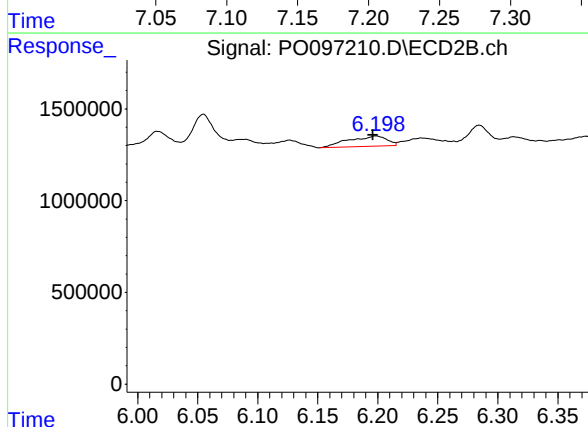
R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 2281201
Conc: 25.95 ng/ml



#31 AR-1260-1

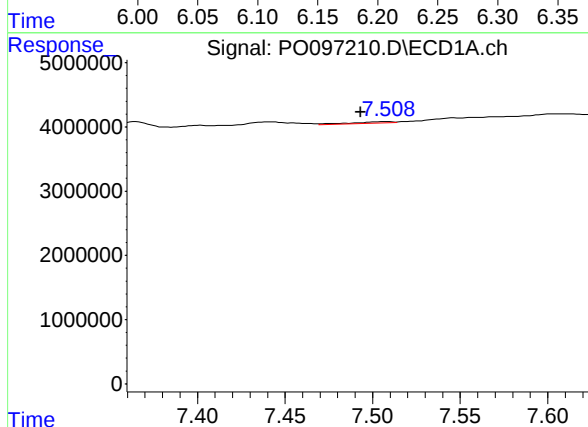
R.T.: 7.200 min
Delta R.T.: -0.030 min
Response: 1255251
Conc: 9.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



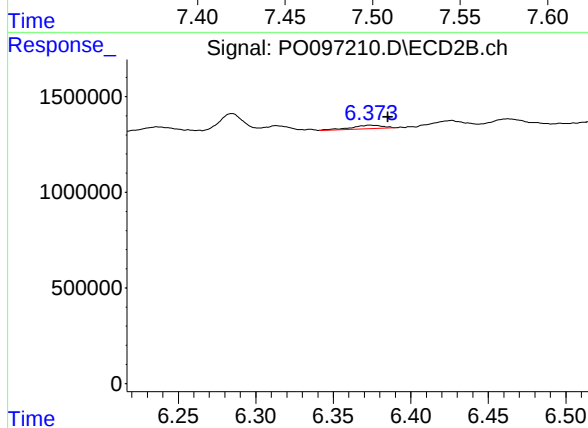
#31 AR-1260-1

R.T.: 6.199 min
Delta R.T.: 0.003 min
Response: 1253155
Conc: 17.81 ng/ml



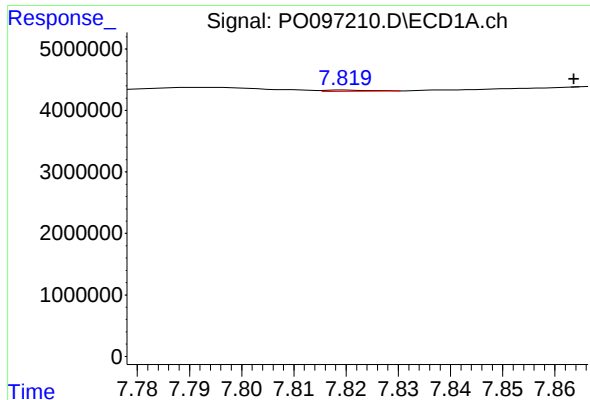
#32 AR-1260-2

R.T.: 7.508 min
Delta R.T.: 0.014 min
Response: 339935
Conc: 2.52 ng/ml



#32 AR-1260-2

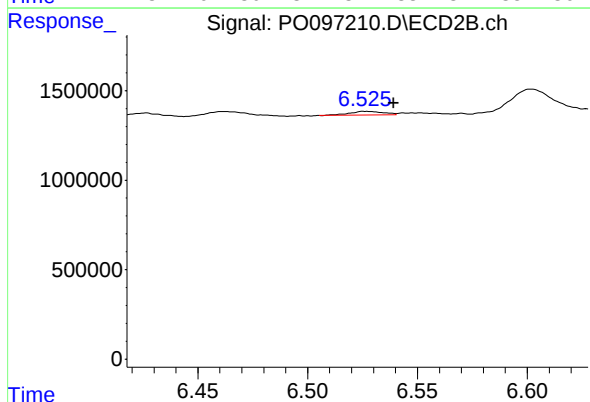
R.T.: 6.374 min
Delta R.T.: -0.011 min
Response: 249662
Conc: 2.99 ng/ml



#33 AR-1260-3

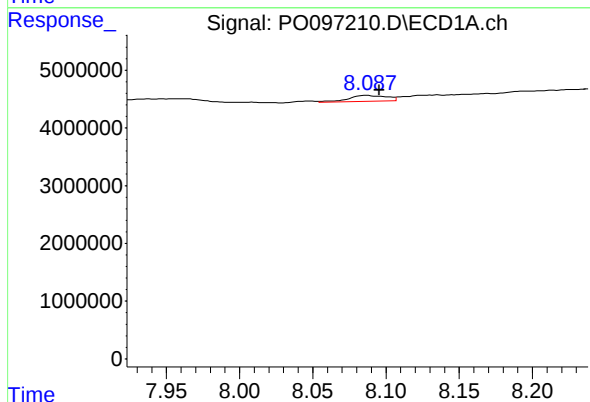
R.T.: 7.820 min
Delta R.T.: -0.044 min
Response: 126778
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



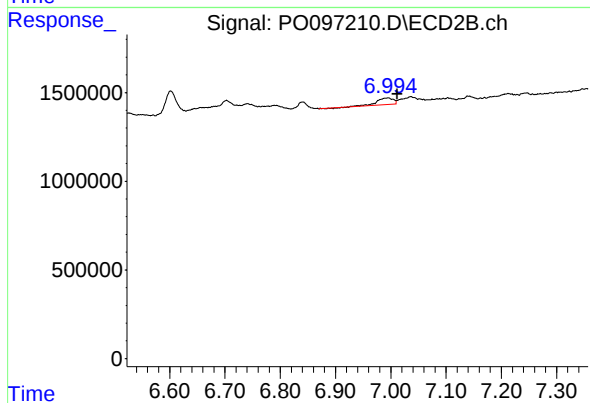
#33 AR-1260-3

R.T.: 6.526 min
Delta R.T.: -0.013 min
Response: 212598
Conc: 2.75 ng/ml



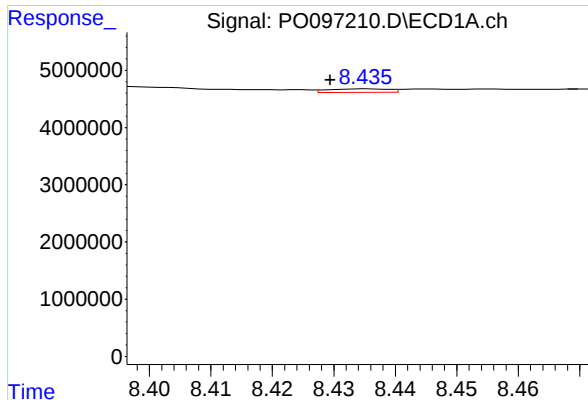
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: -0.008 min
Response: 1856114
Conc: 16.60 ng/ml



#34 AR-1260-4

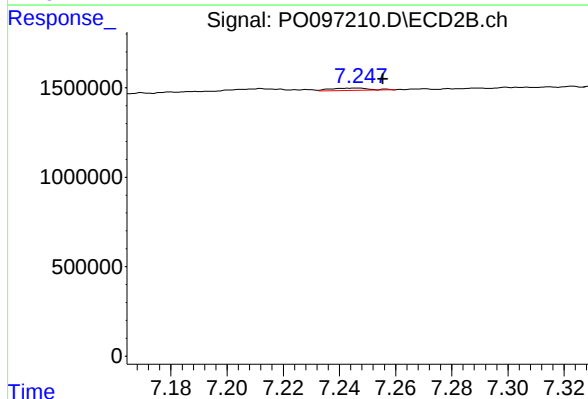
R.T.: 6.995 min
Delta R.T.: -0.017 min
Response: 779325
Conc: 12.16 ng/ml



#35 AR-1260-5

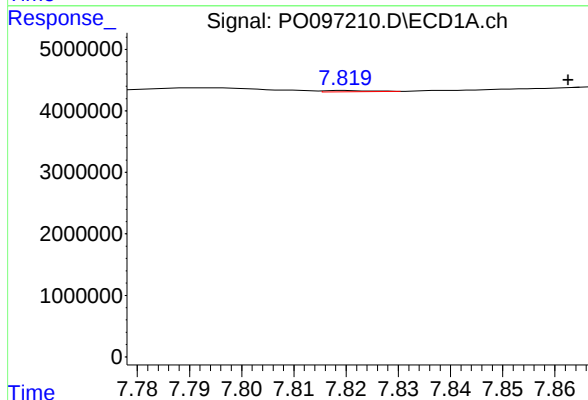
R.T.: 8.436 min
Delta R.T.: 0.006 min
Response: 402329
Conc: 1.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



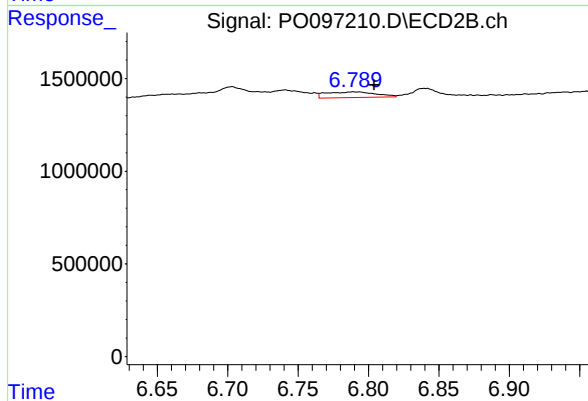
#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: -0.009 min
Response: 134085
Conc: 0.97 ng/ml



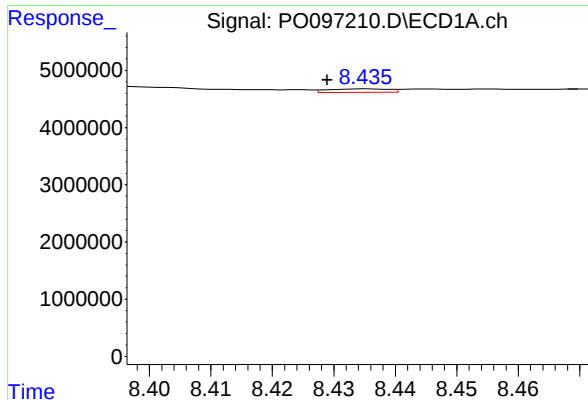
#36 AR-1262-1

R.T.: 7.820 min
Delta R.T.: -0.043 min
Response: 126778
Conc: 0.85 ng/ml



#36 AR-1262-1

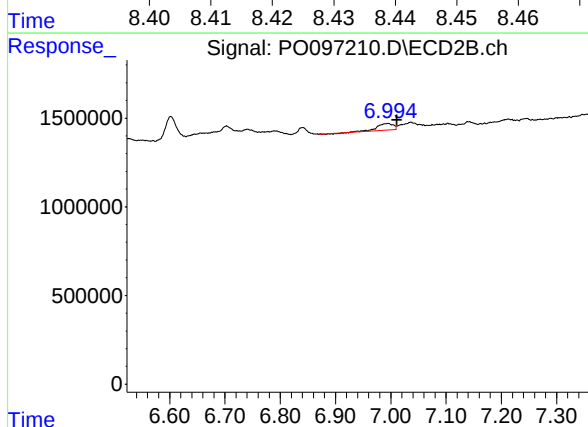
R.T.: 6.789 min
Delta R.T.: -0.015 min
Response: 735521
Conc: 18.68 ng/ml



#37 AR-1262-2

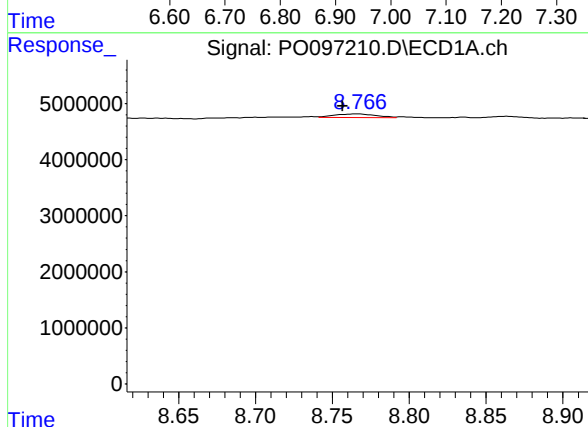
R.T.: 8.436 min
Delta R.T.: 0.007 min
Response: 402329
Conc: 1.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



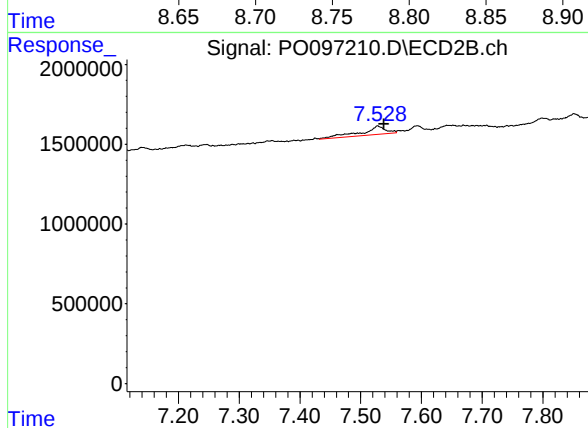
#37 AR-1262-2

R.T.: 6.995 min
Delta R.T.: -0.016 min
Response: 779325
Conc: 9.61 ng/ml



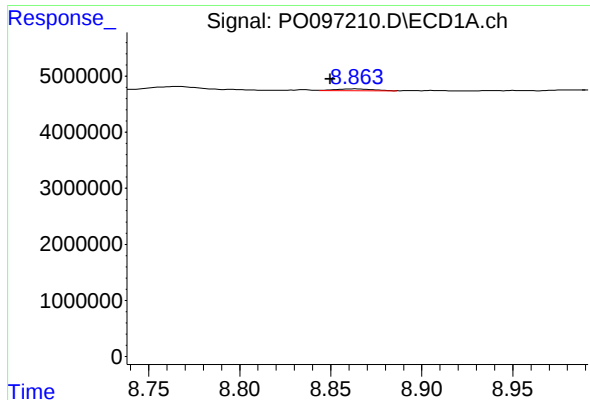
#38 AR-1262-3

R.T.: 8.767 min
Delta R.T.: 0.010 min
Response: 1166387
Conc: 6.99 ng/ml



#38 AR-1262-3

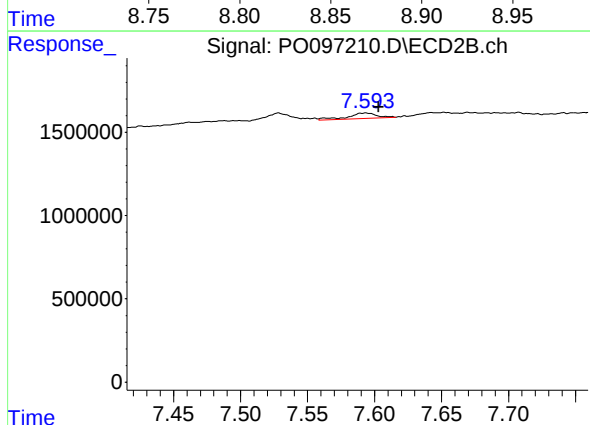
R.T.: 7.528 min
Delta R.T.: -0.011 min
Response: 1476649
Conc: 23.01 ng/ml



#39 AR-1262-4

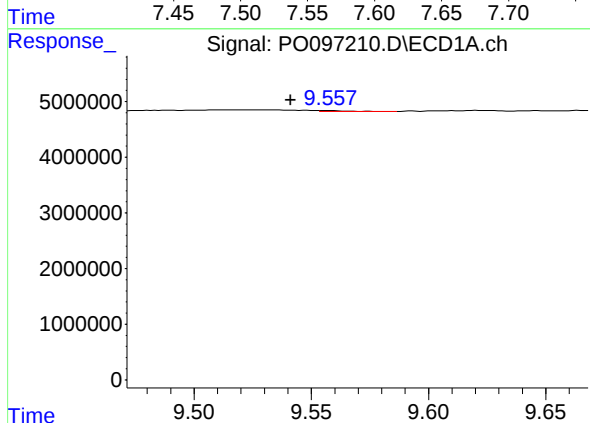
R.T.: 8.863 min
Delta R.T.: 0.014 min
Response: 438302
Conc: 6.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



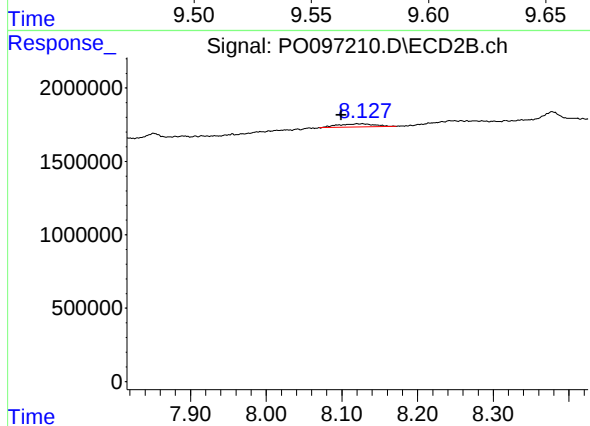
#39 AR-1262-4

R.T.: 7.593 min
Delta R.T.: -0.010 min
Response: 504251
Conc: 4.44 ng/ml



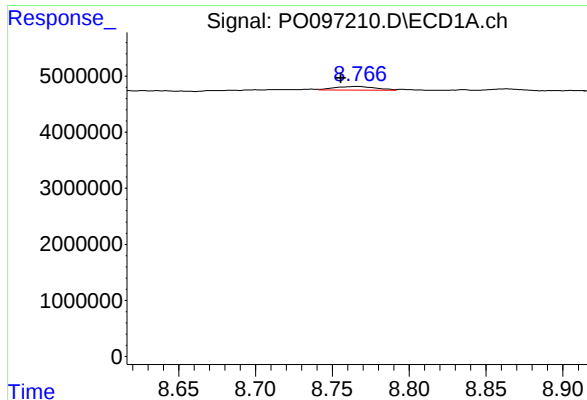
#40 AR-1262-5

R.T.: 9.558 min
Delta R.T.: 0.016 min
Response: 156241
Conc: 1.88 ng/ml



#40 AR-1262-5

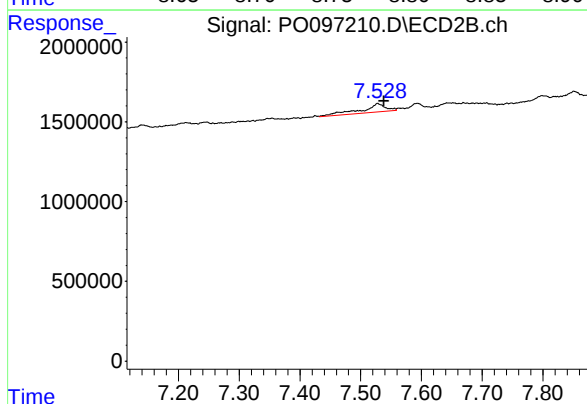
R.T.: 8.127 min
Delta R.T.: 0.028 min
Response: 743444
Conc: 14.16 ng/ml



#41 AR-1268-1

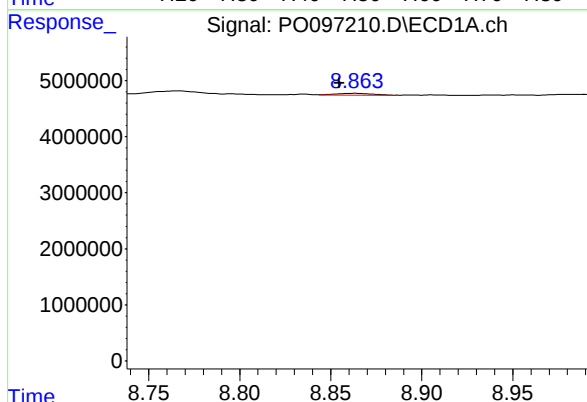
R.T.: 8.767 min
Delta R.T.: 0.011 min
Response: 1166387
Conc: 3.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



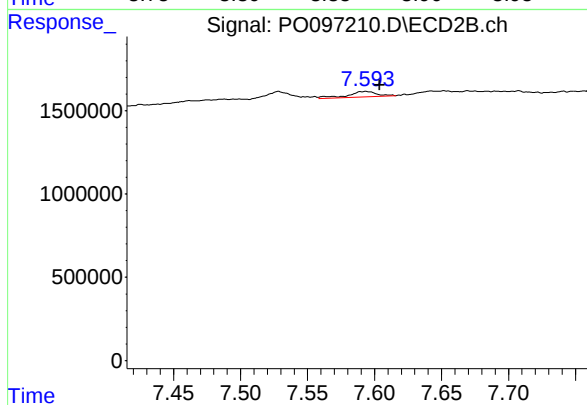
#41 AR-1268-1

R.T.: 7.528 min
Delta R.T.: -0.010 min
Response: 1476649
Conc: 7.97 ng/ml



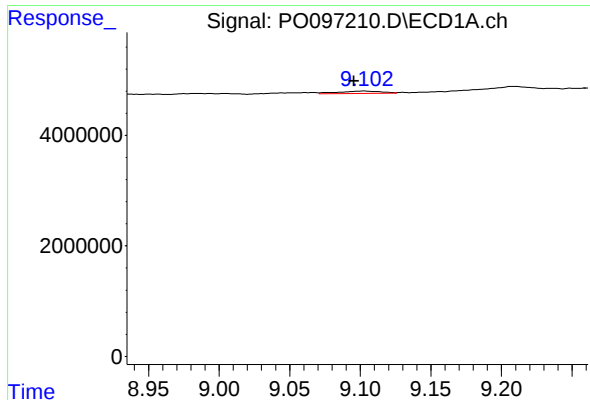
#42 AR-1268-2

R.T.: 8.863 min
Delta R.T.: 0.009 min
Response: 438302
Conc: 1.60 ng/ml



#42 AR-1268-2

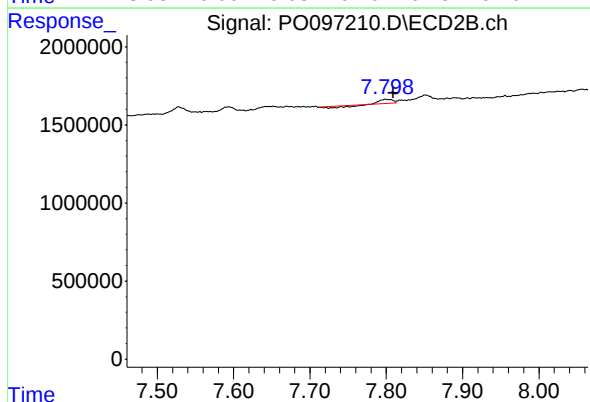
R.T.: 7.593 min
Delta R.T.: -0.010 min
Response: 504251
Conc: 3.01 ng/ml



#43 AR-1268-3

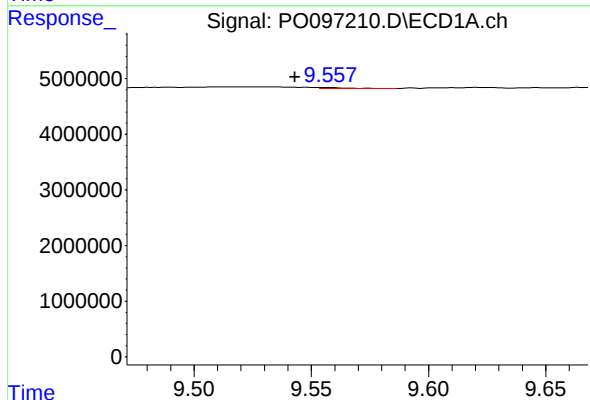
R.T.: 9.103 min
Delta R.T.: 0.007 min
Response: 836300
Conc: 3.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



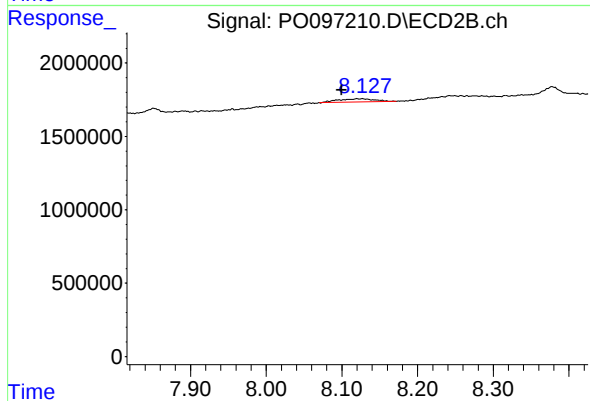
#43 AR-1268-3

R.T.: 7.799 min
Delta R.T.: -0.011 min
Response: 118810
Conc: 0.82 ng/ml



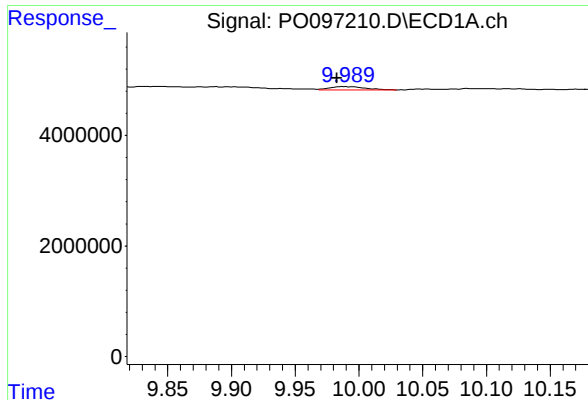
#44 AR-1268-4

R.T.: 9.558 min
Delta R.T.: 0.014 min
Response: 156241
Conc: 1.69 ng/ml



#44 AR-1268-4

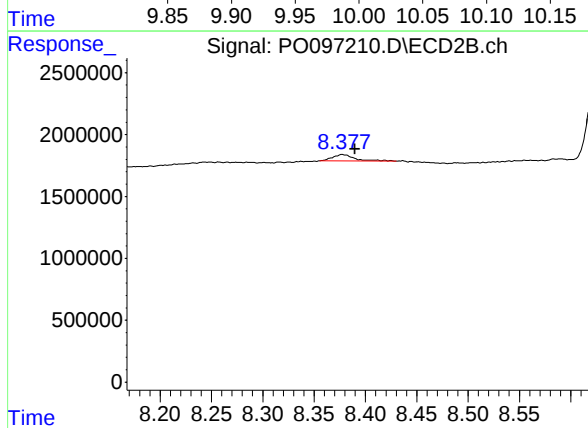
R.T.: 8.127 min
Delta R.T.: 0.028 min
Response: 743444
Conc: 12.48 ng/ml



#45 AR-1268-5

R.T.: 9.989 min
Delta R.T.: 0.006 min
Response: 1108573
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.378 min
Delta R.T.: -0.012 min
Response: 785792
Conc: 1.89 ng/ml