

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072423\
 Data File : P0096309.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2023 02:17
 Operator : YP/AJ
 Sample : 03715-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 06:12:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 22 12:20:47 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...	4.409	3.626	62435964	24834472	19.831	18.922
2)	SA Decachlor...	10.233	8.655	41599917	23352368	21.141	21.435
Target Compounds							
3)	L1 AR-1016-1	5.589	0.000	25226	0	0.303	N.D. #
4)	L1 AR-1016-2	5.615	0.000	59224	0	0.505	N.D. #
5)	L1 AR-1016-3	5.671	0.000	128647	0	1.718	N.D. #
6)	L1 AR-1016-4	5.808	0.000	2294	0	0.038	N.D. #
7)	L1 AR-1016-5	6.074	5.158	31554	150224	0.490	4.398 #
8)	L2 AR-1221-1	4.616	3.907f	504382	248358	13.689	14.432
9)	L2 AR-1221-2	4.718	3.926	995129	446467	35.777	34.632
10)	L2 AR-1221-3	4.802	4.058f	191187	223537	2.368	5.832 #
11)	L3 AR-1232-1	4.802	4.058f	191187	223537	2.940	7.179 #
12)	L3 AR-1232-2	5.298	0.000	970700	0	26.169	N.D. #
13)	L3 AR-1232-3	5.615	0.000	59224	0	1.100	N.D. #
14)	L3 AR-1232-4	5.808	0.000	2294	0	0.084	N.D. #
15)	L3 AR-1232-5	5.878	5.158	139097	150224	5.502	8.968 #
16)	L4 AR-1242-1	5.589	0.000	25226	0	0.335	N.D. #
17)	L4 AR-1242-2	5.615	0.000	59224	0	0.559	N.D. #
18)	L4 AR-1242-3	5.671	0.000	128647	0	1.936	N.D. #
19)	L4 AR-1242-4	5.808	0.000	2294	0	0.042	N.D. #
20)	L4 AR-1242-5	6.561f	5.520	2359665	105502	41.201	3.075 #
21)	L5 AR-1248-1	5.589	0.000	25226	0	0.471	N.D. #
22)	L5 AR-1248-2	5.878	0.000	139097	0	1.581	N.D. #
23)	L5 AR-1248-3	6.074	0.000	31554	0	0.341	N.D. #
24)	L5 AR-1248-4	6.473	5.158	126680	150224	1.474	3.157 #
25)	L5 AR-1248-5	6.561f	5.546	2359665	102729	26.090	2.343 #
26)	L6 AR-1254-1	6.455	5.520	525803	105502	5.262	1.533 #
27)	L6 AR-1254-2	6.677	5.617f	36292	543249	0.251	8.946 #
28)	L6 AR-1254-3	7.040	6.094	478925	154194	3.326	1.654 #
29)	L6 AR-1254-4	7.331	6.337	72503	195920	0.782	3.507 #
30)	L6 AR-1254-5	7.759	0.000	438943	0	4.270	N.D. #
31)	L7 AR-1260-1	7.229	6.220	1569024	59674	11.884	0.887 #
32)	L7 AR-1260-2	7.461	6.421	-6963	405172	N.D.	5.234 #
33)	L7 AR-1260-3	7.759	6.560	438943	464684	3.264	5.715 #
34)	L7 AR-1260-4	8.070	7.007	207190	267160	1.958	4.457 #
35)	L7 AR-1260-5	8.403	7.238	268580	418869	1.379	3.204 #
36)	L8 AR-1262-1	7.830	6.863f	554170	1504188	3.900	41.876 #
37)	L8 AR-1262-2	8.403	7.007	268580	267160	1.248	3.523 #
38)	L8 AR-1262-3	8.729	7.583	787855	388525	5.036	6.667 #
39)	L8 AR-1262-4	8.796	7.583	915736	388525	7.403	3.716 #
40)	L8 AR-1262-5	9.461	8.080f	26715	14964	0.339	0.304
41)	L9 AR-1268-1	8.729	7.583	787855	388525	2.684	2.251

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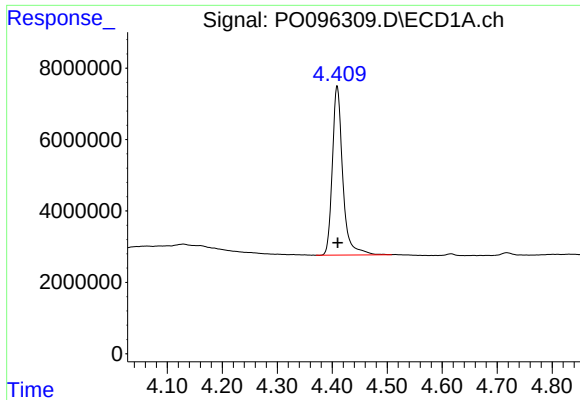
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.796	7.583f	915736	388525	3.417	2.506 #
43) L9	AR-1268-3	9.042	7.848	196867	292004	0.811	2.126 #
44) L9	AR-1268-4	9.461	8.080f	26715	14964	0.305	0.269
45) L9	AR-1268-5	9.879	0.000	113273	0	0.151	N.D. #

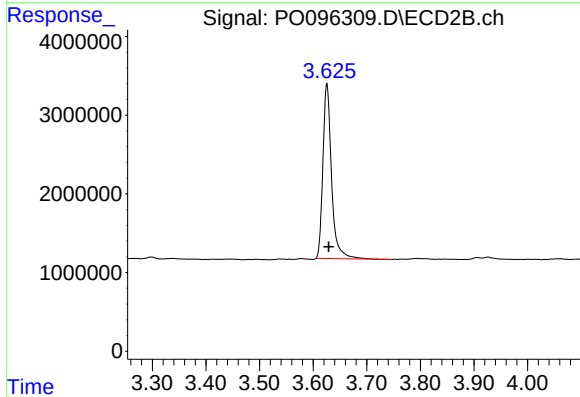
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

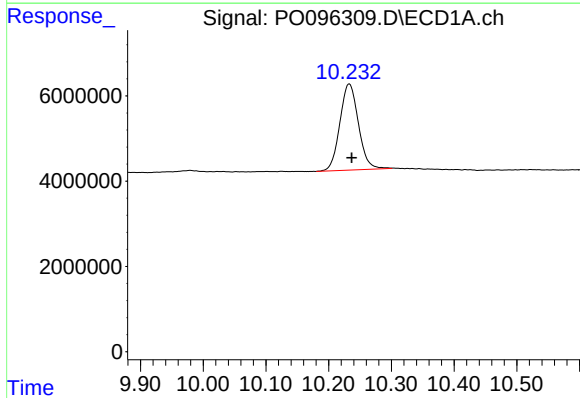
R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 62435964
Conc: 19.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



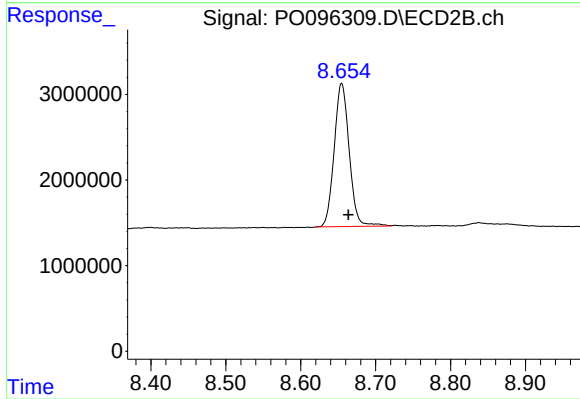
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: -0.004 min
Response: 24834472
Conc: 18.92 ng/ml



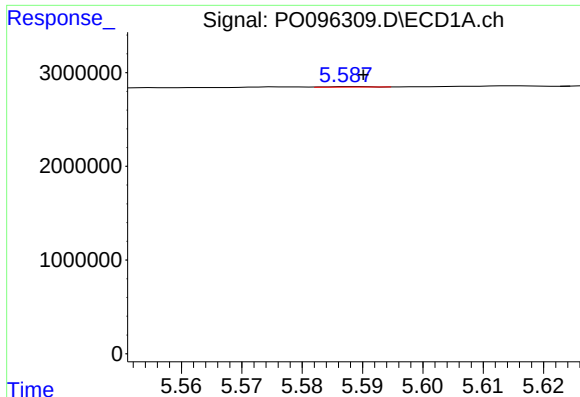
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: -0.004 min
Response: 41599917
Conc: 21.14 ng/ml



#2 Decachlorobiphenyl

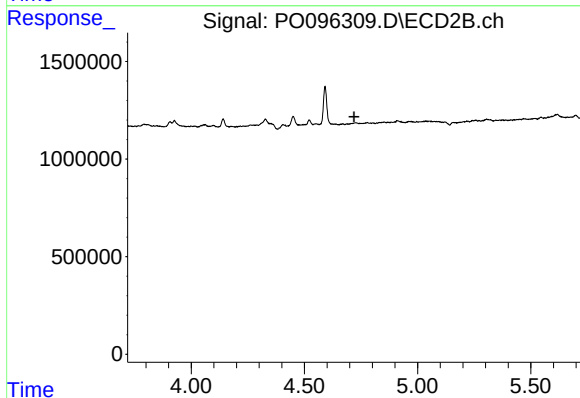
R.T.: 8.655 min
Delta R.T.: -0.009 min
Response: 23352368
Conc: 21.43 ng/ml



#3 AR-1016-1

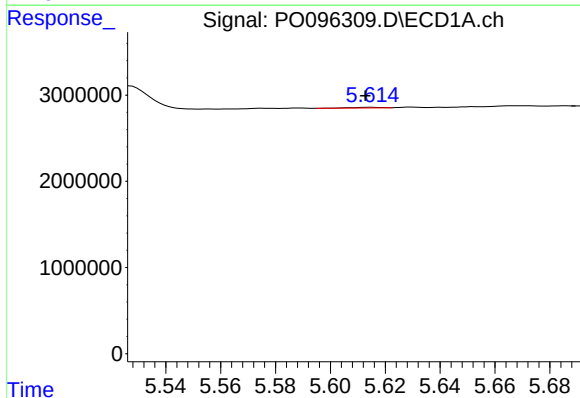
R.T.: 5.589 min
Delta R.T.: -0.002 min
Response: 25226
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



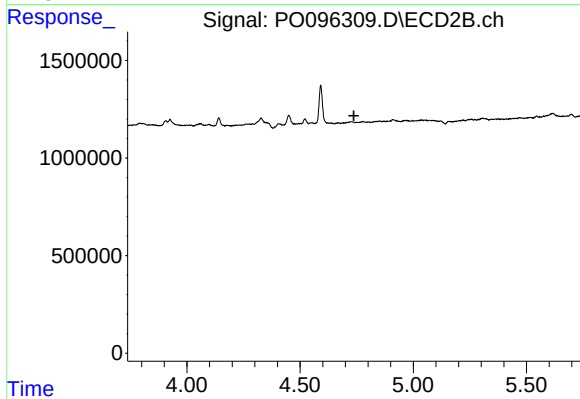
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.719 min
Response: 0
Conc: N.D.



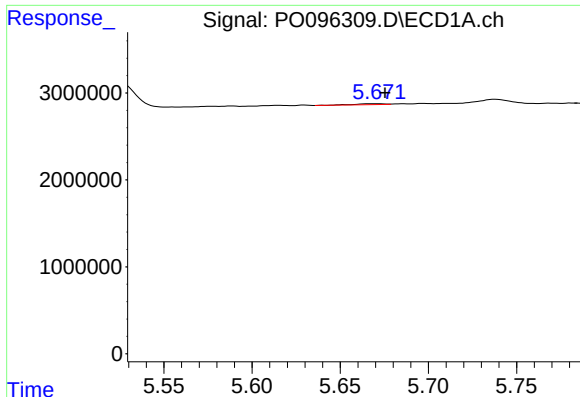
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: 0.003 min
Response: 59224
Conc: 0.51 ng/ml



#4 AR-1016-2

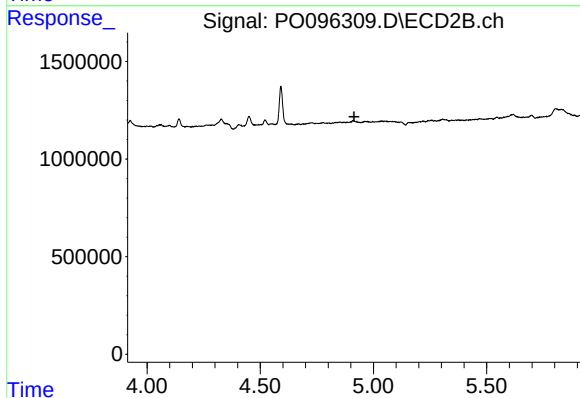
R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#5 AR-1016-3

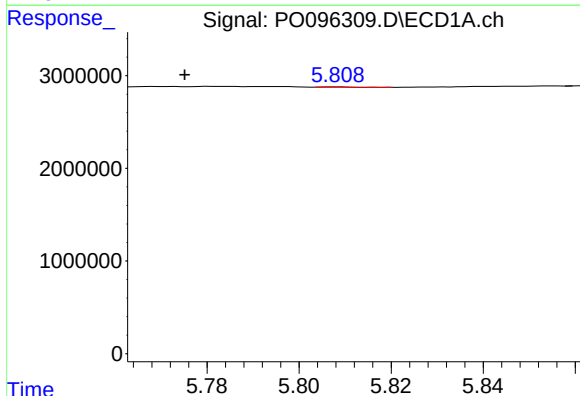
R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 128647
Conc: 1.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



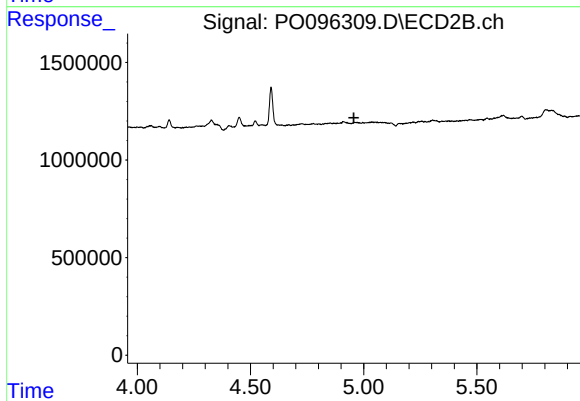
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.914 min
Response: 0
Conc: N.D.



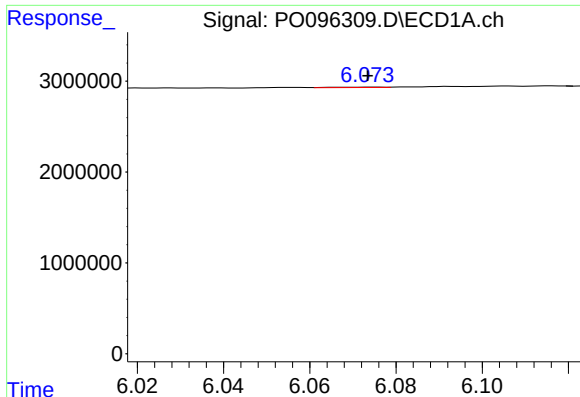
#6 AR-1016-4

R.T.: 5.808 min
Delta R.T.: 0.033 min
Response: 2294
Conc: 0.04 ng/ml



#6 AR-1016-4

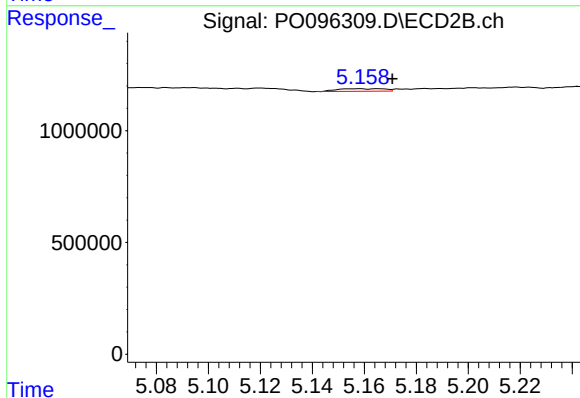
R.T.: 0.000 min
Exp R.T. : 4.957 min
Response: 0
Conc: N.D.



#7 AR-1016-5

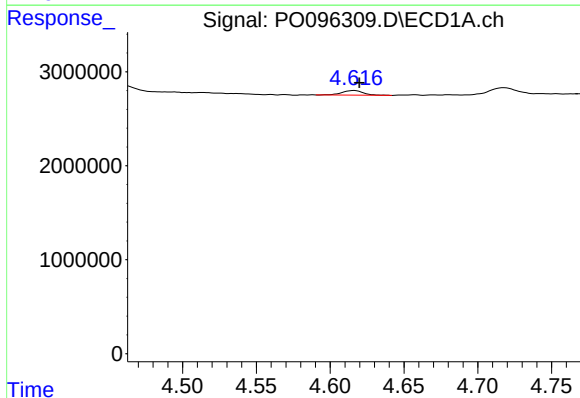
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 31554
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



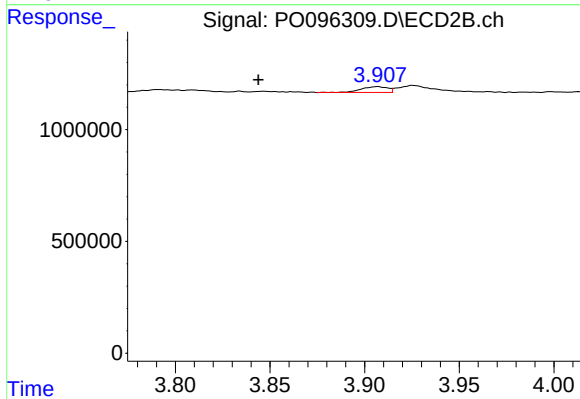
#7 AR-1016-5

R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 150224
Conc: 4.40 ng/ml



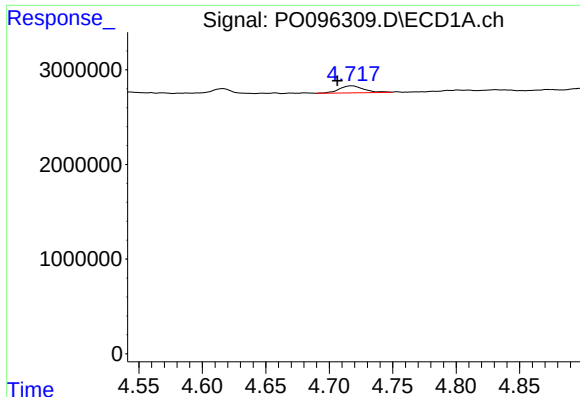
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.003 min
Response: 504382
Conc: 13.69 ng/ml



#8 AR-1221-1

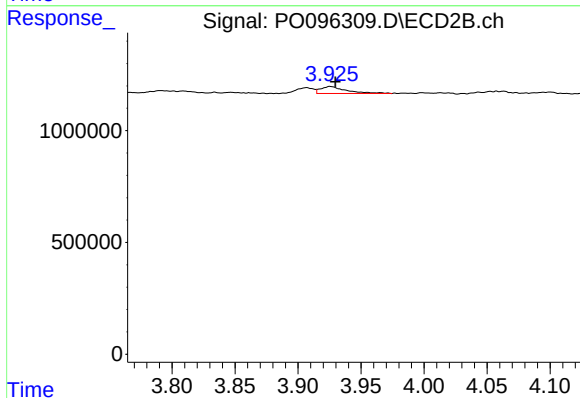
R.T.: 3.907 min
Delta R.T.: 0.063 min
Response: 248358
Conc: 14.43 ng/ml



#9 AR-1221-2

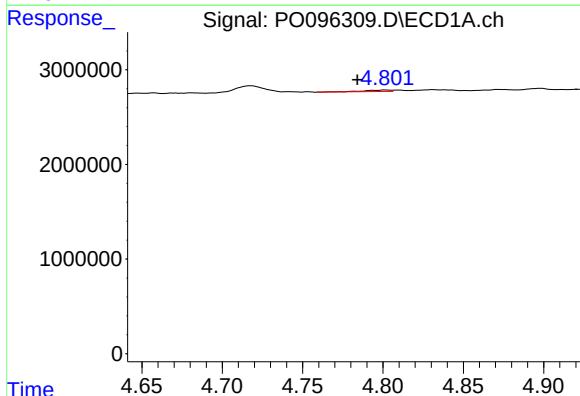
R.T.: 4.718 min
Delta R.T.: 0.011 min
Response: 995129
Conc: 35.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



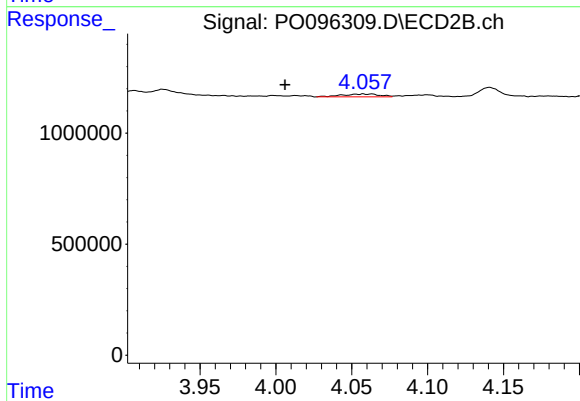
#9 AR-1221-2

R.T.: 3.926 min
Delta R.T.: -0.004 min
Response: 446467
Conc: 34.63 ng/ml



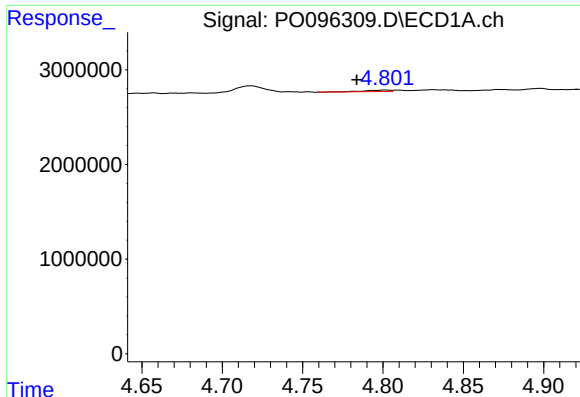
#10 AR-1221-3

R.T.: 4.802 min
Delta R.T.: 0.018 min
Response: 191187
Conc: 2.37 ng/ml



#10 AR-1221-3

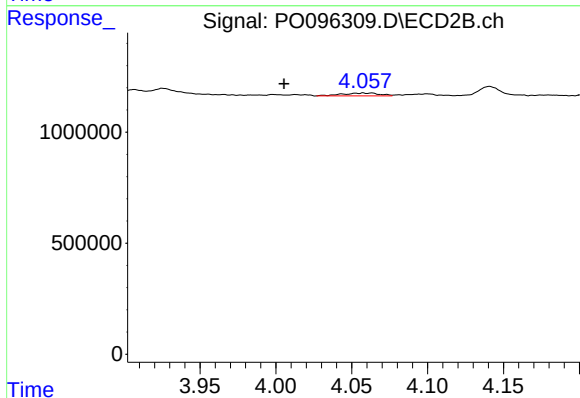
R.T.: 4.058 min
Delta R.T.: 0.052 min
Response: 223537
Conc: 5.83 ng/ml



#11 AR-1232-1

R.T.: 4.802 min
Delta R.T.: 0.018 min
Response: 191187
Conc: 2.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



#11 AR-1232-1

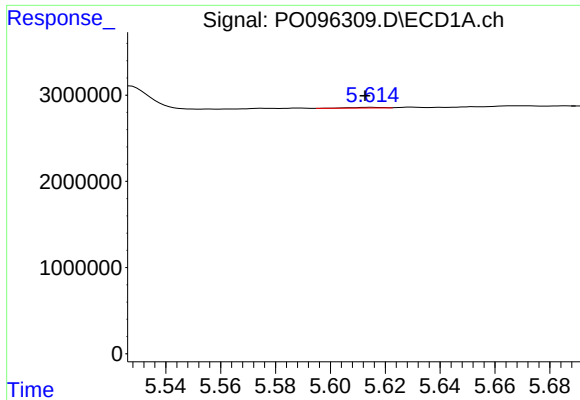
R.T.: 4.058 min
Delta R.T.: 0.052 min
Response: 223537
Conc: 7.18 ng/ml

#12 AR-1232-2

R.T.: 5.298 min
Delta R.T.: -0.021 min
Response: 970700
Conc: 26.17 ng/ml

#12 AR-1232-2

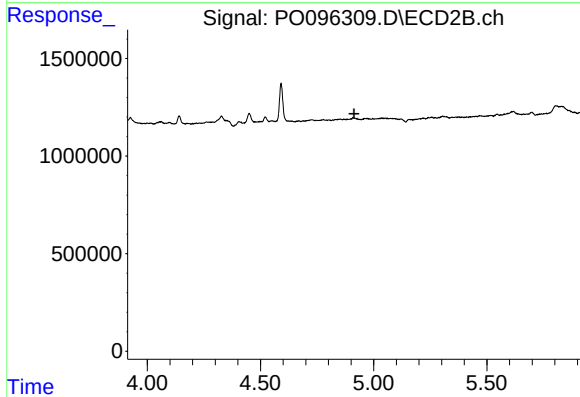
R.T.: 0.000 min
Exp R.T.: 4.736 min
Response: 0
Conc: N.D.



#13 AR-1232-3

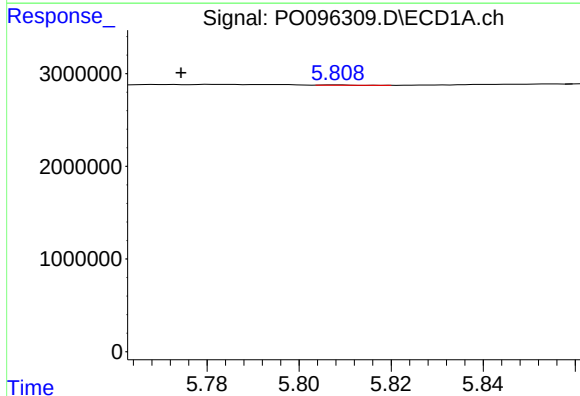
R.T.: 5.615 min
Delta R.T.: 0.003 min
Response: 59224
Conc: 1.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



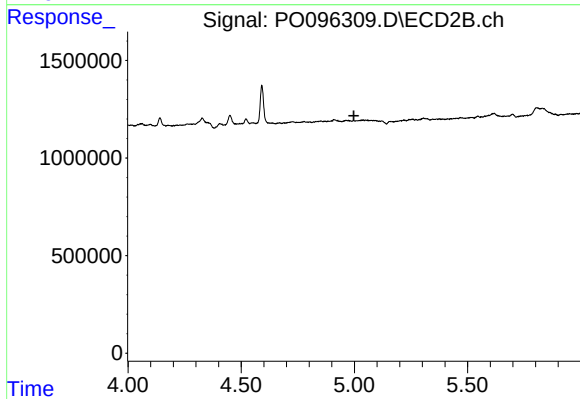
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.913 min
Response: 0
Conc: N.D.



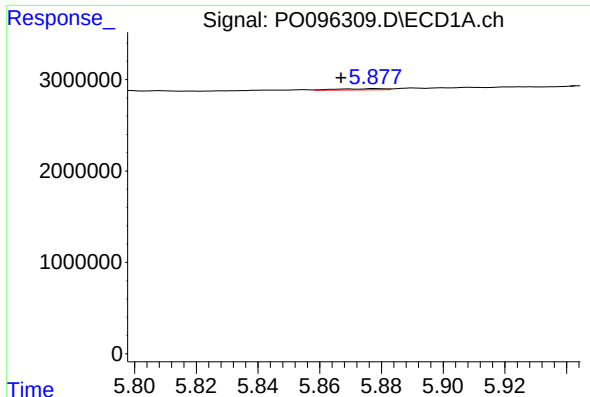
#14 AR-1232-4

R.T.: 5.808 min
Delta R.T.: 0.034 min
Response: 2294
Conc: 0.08 ng/ml



#14 AR-1232-4

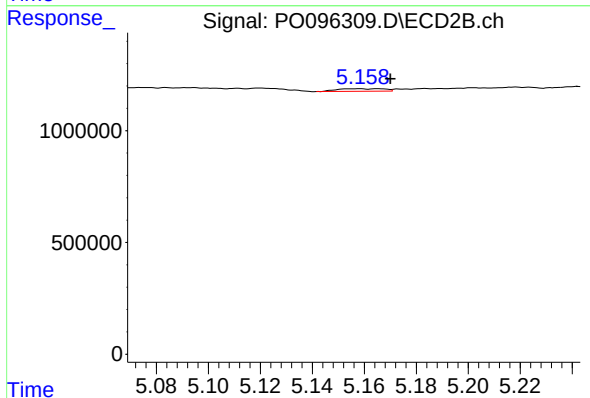
R.T.: 0.000 min
Exp R.T. : 4.998 min
Response: 0
Conc: N.D.



#15 AR-1232-5

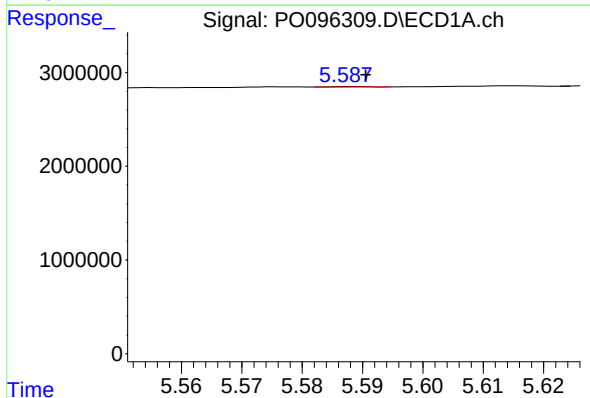
R.T.: 5.878 min
Delta R.T.: 0.011 min
Response: 139097
Conc: 5.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



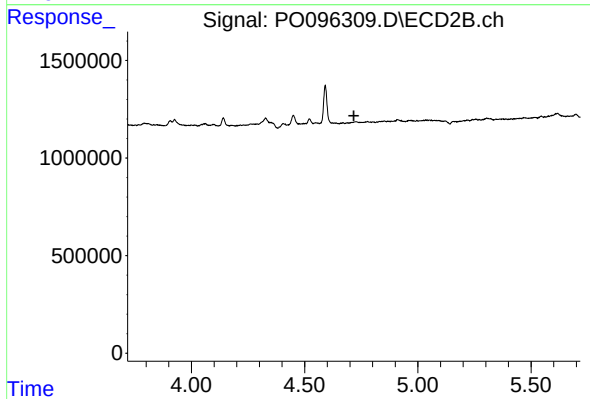
#15 AR-1232-5

R.T.: 5.158 min
Delta R.T.: -0.012 min
Response: 150224
Conc: 8.97 ng/ml



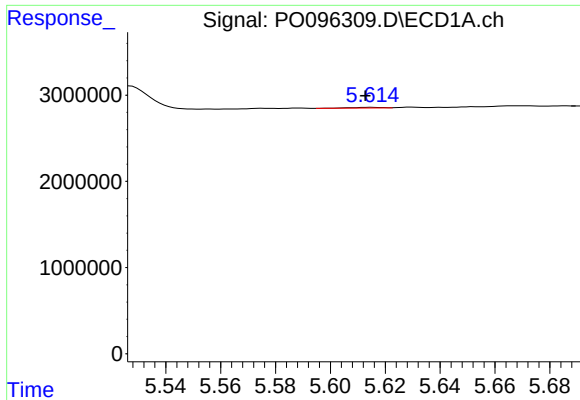
#16 AR-1242-1

R.T.: 5.589 min
Delta R.T.: -0.002 min
Response: 25226
Conc: 0.33 ng/ml



#16 AR-1242-1

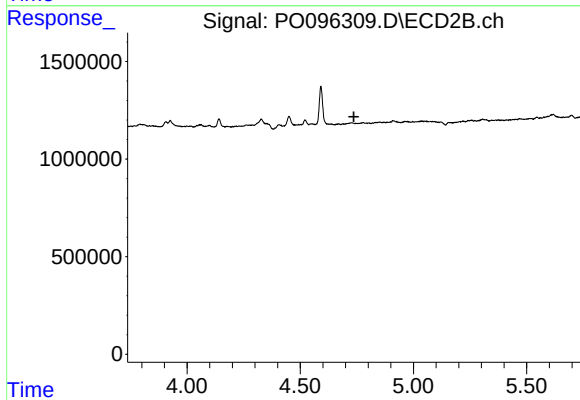
R.T.: 0.000 min
Exp R.T. : 4.718 min
Response: 0
Conc: N.D.



#17 AR-1242-2

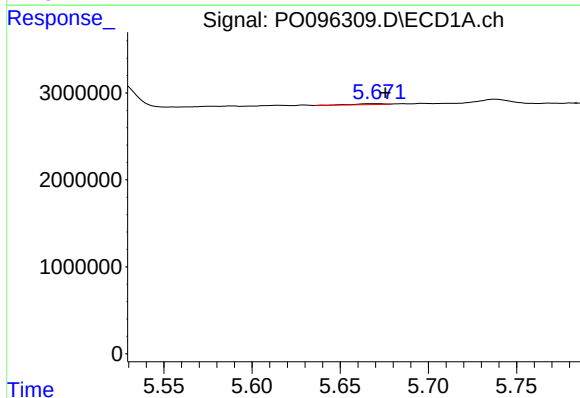
R.T.: 5.615 min
Delta R.T.: 0.003 min
Response: 59224
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



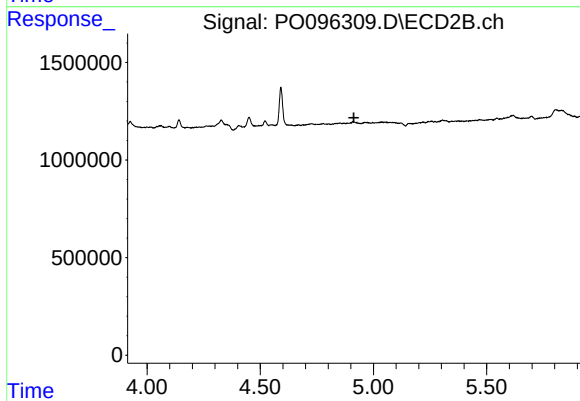
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.736 min
Response: 0
Conc: N.D.



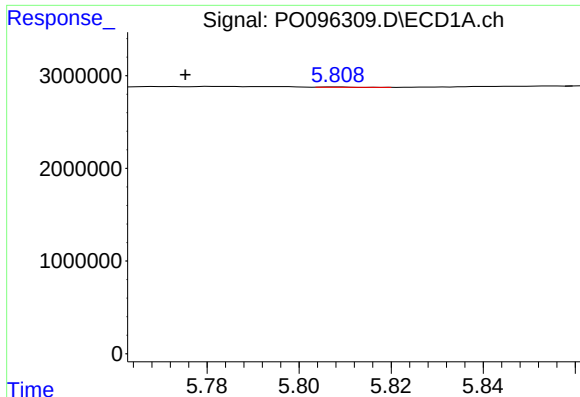
#18 AR-1242-3

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 128647
Conc: 1.94 ng/ml



#18 AR-1242-3

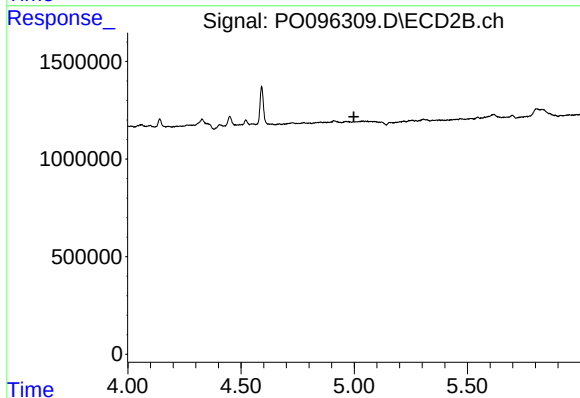
R.T.: 0.000 min
Exp R.T. : 4.913 min
Response: 0
Conc: N.D.



#19 AR-1242-4

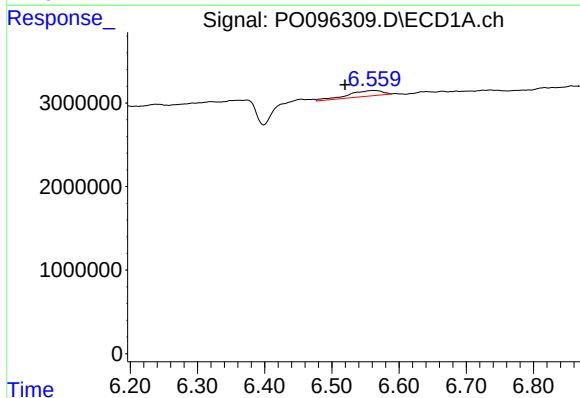
R.T.: 5.808 min
Delta R.T.: 0.033 min
Response: 2294
Conc: 0.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



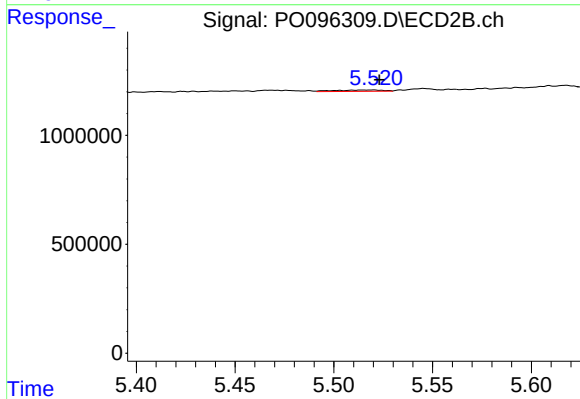
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.998 min
Response: 0
Conc: N.D.



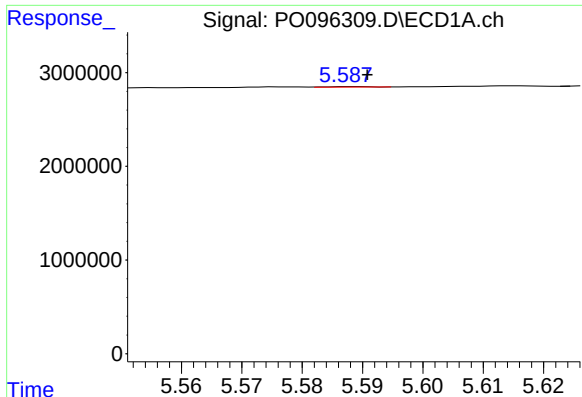
#20 AR-1242-5

R.T.: 6.561 min
Delta R.T.: 0.041 min
Response: 2359665
Conc: 41.20 ng/ml



#20 AR-1242-5

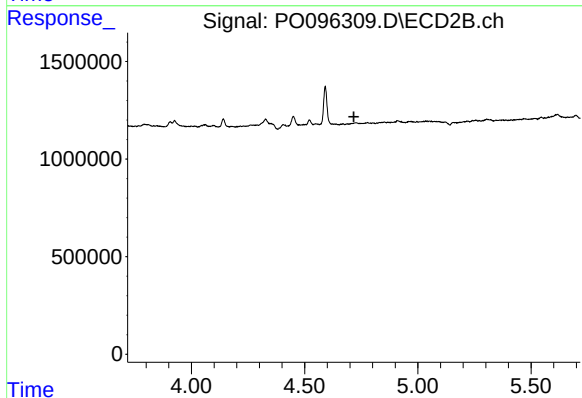
R.T.: 5.520 min
Delta R.T.: -0.003 min
Response: 105502
Conc: 3.07 ng/ml



#21 AR-1248-1

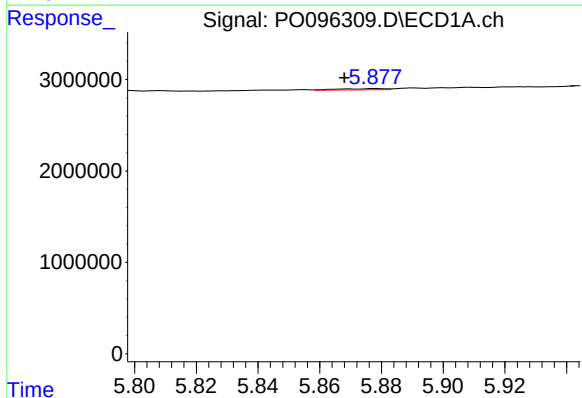
R.T.: 5.589 min
Delta R.T.: -0.002 min
Response: 25226
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



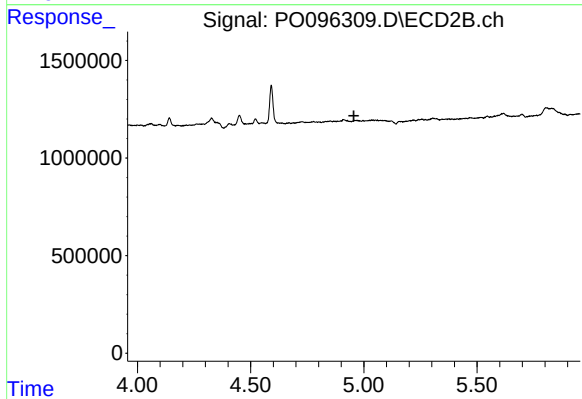
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.718 min
Response: 0
Conc: N.D.



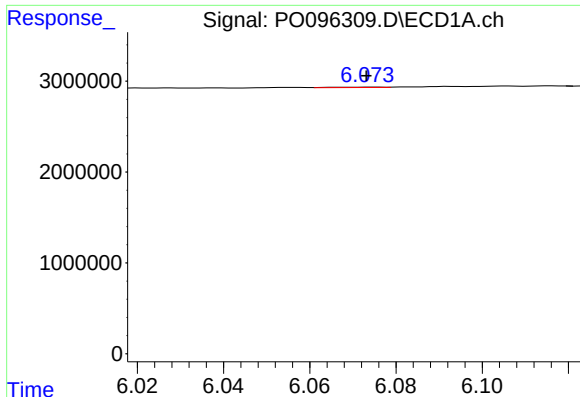
#22 AR-1248-2

R.T.: 5.878 min
Delta R.T.: 0.010 min
Response: 139097
Conc: 1.58 ng/ml



#22 AR-1248-2

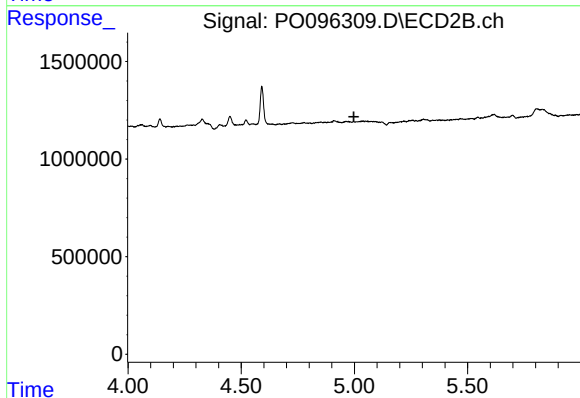
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.



#23 AR-1248-3

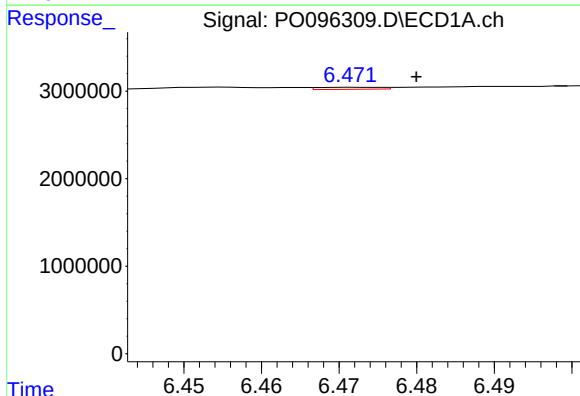
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 31554
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



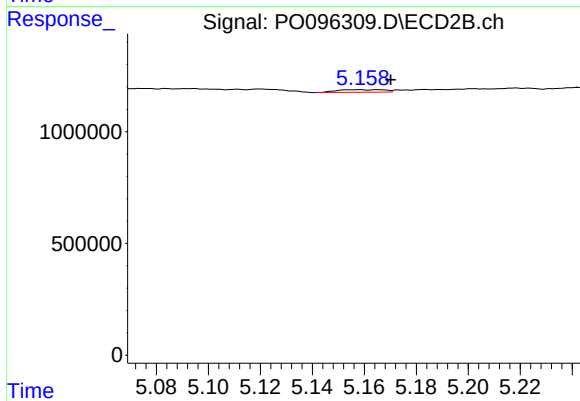
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.998 min
Response: 0
Conc: N.D.



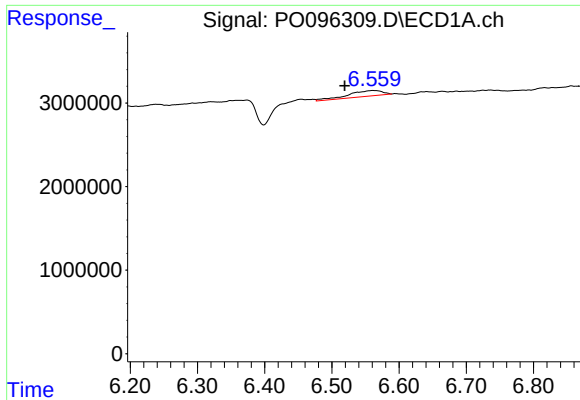
#24 AR-1248-4

R.T.: 6.473 min
Delta R.T.: -0.007 min
Response: 126680
Conc: 1.47 ng/ml



#24 AR-1248-4

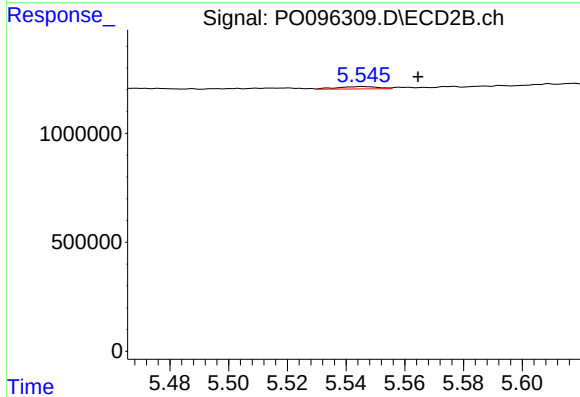
R.T.: 5.158 min
Delta R.T.: -0.012 min
Response: 150224
Conc: 3.16 ng/ml



#25 AR-1248-5

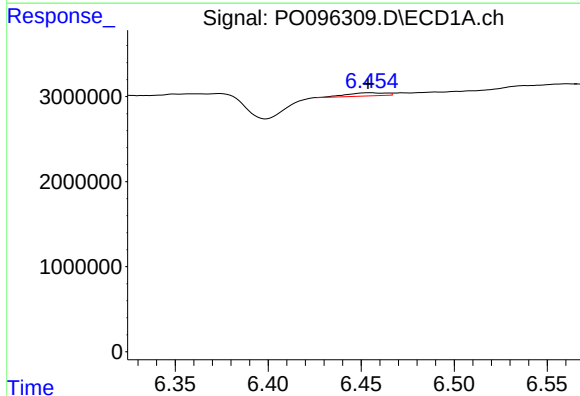
R.T.: 6.561 min
Delta R.T.: 0.042 min
Response: 2359665
Conc: 26.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



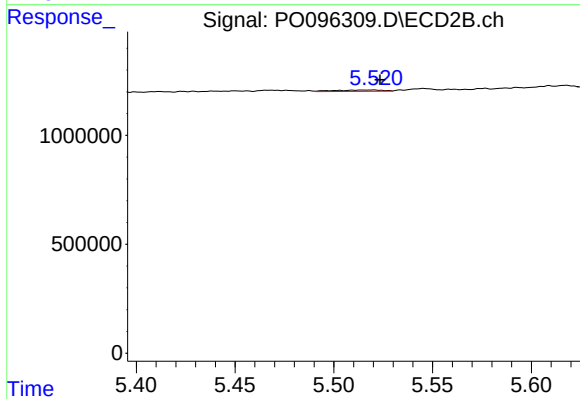
#25 AR-1248-5

R.T.: 5.546 min
Delta R.T.: -0.019 min
Response: 102729
Conc: 2.34 ng/ml



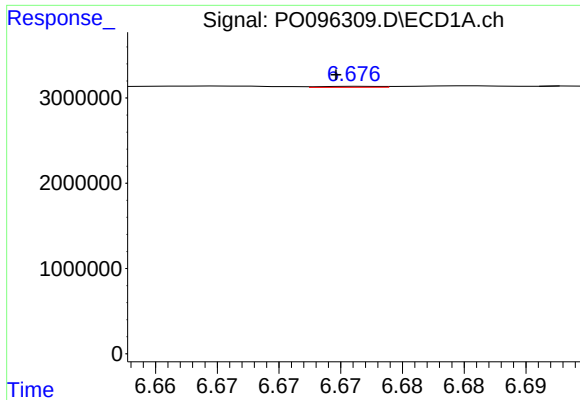
#26 AR-1254-1

R.T.: 6.455 min
Delta R.T.: 0.001 min
Response: 525803
Conc: 5.26 ng/ml



#26 AR-1254-1

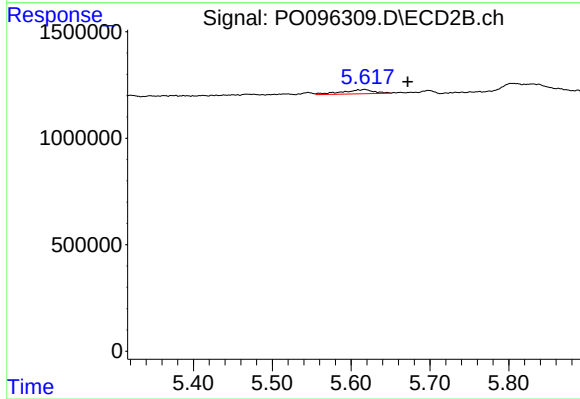
R.T.: 5.520 min
Delta R.T.: -0.004 min
Response: 105502
Conc: 1.53 ng/ml



#27 AR-1254-2

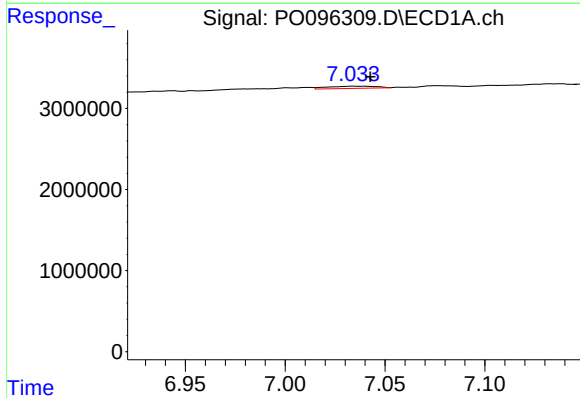
R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 36292
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



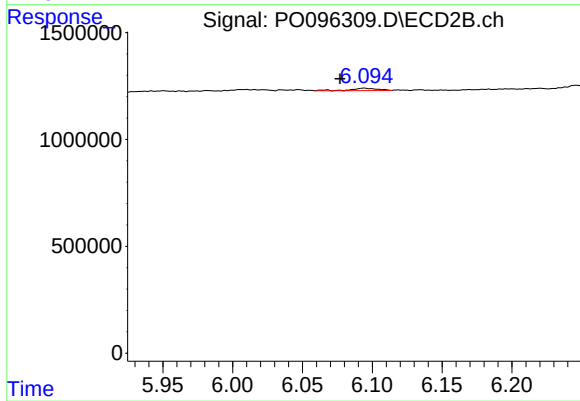
#27 AR-1254-2

R.T.: 5.617 min
Delta R.T.: -0.055 min
Response: 543249
Conc: 8.95 ng/ml



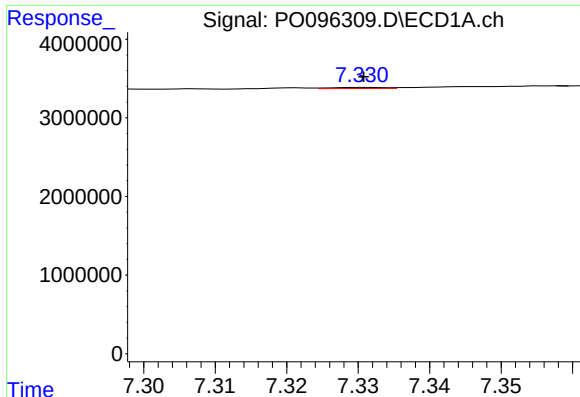
#28 AR-1254-3

R.T.: 7.040 min
Delta R.T.: -0.003 min
Response: 478925
Conc: 3.33 ng/ml



#28 AR-1254-3

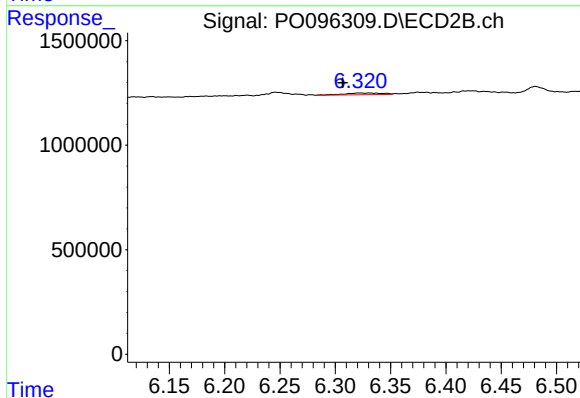
R.T.: 6.094 min
Delta R.T.: 0.017 min
Response: 154194
Conc: 1.65 ng/ml



#29 AR-1254-4

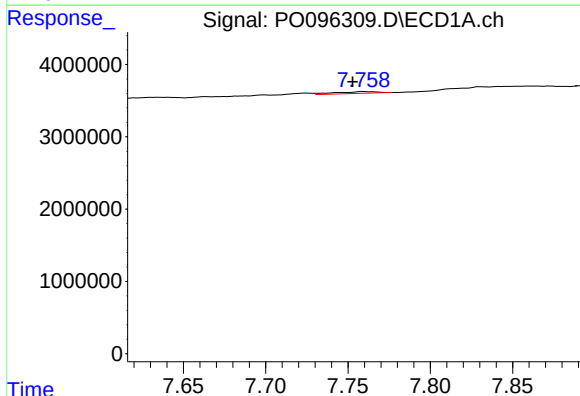
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 72503
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



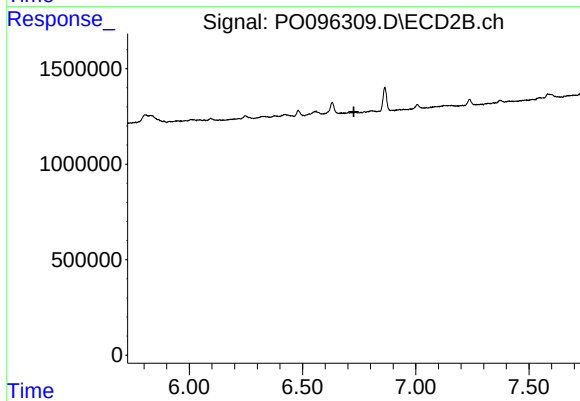
#29 AR-1254-4

R.T.: 6.337 min
Delta R.T.: 0.030 min
Response: 195920
Conc: 3.51 ng/ml



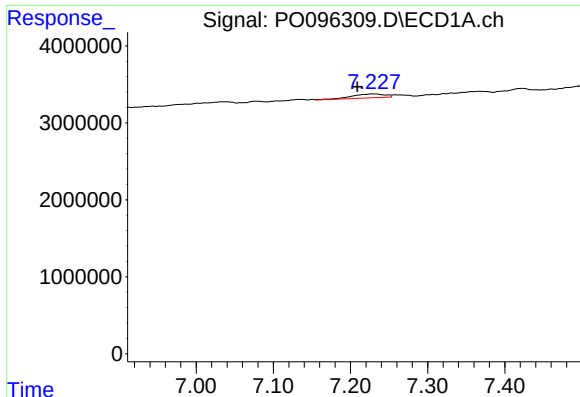
#30 AR-1254-5

R.T.: 7.759 min
Delta R.T.: 0.006 min
Response: 438943
Conc: 4.27 ng/ml



#30 AR-1254-5

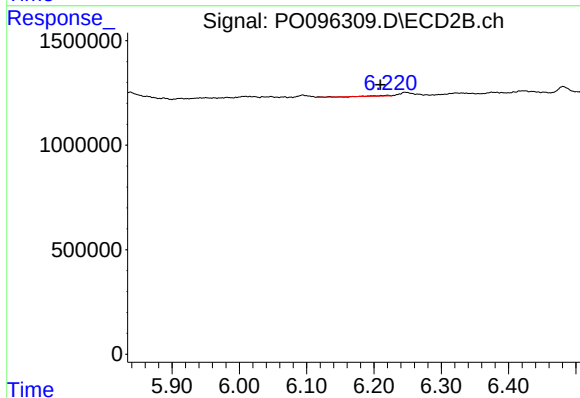
R.T.: 0.000 min
Exp R.T.: 6.727 min
Response: 0
Conc: N.D.



#31 AR-1260-1

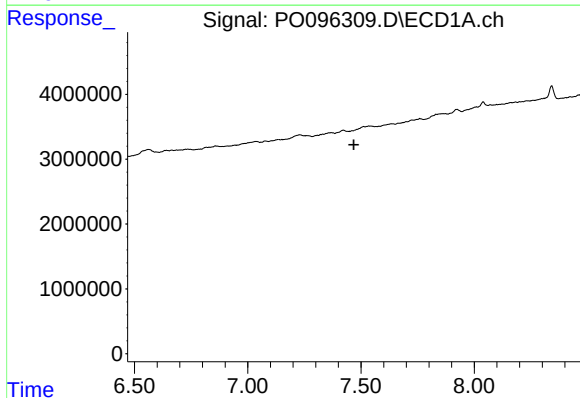
R.T.: 7.229 min
Delta R.T.: 0.020 min
Response: 1569024
Conc: 11.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



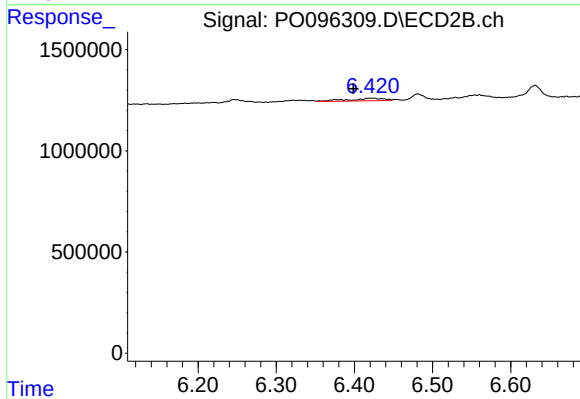
#31 AR-1260-1

R.T.: 6.220 min
Delta R.T.: 0.011 min
Response: 59674
Conc: 0.89 ng/ml



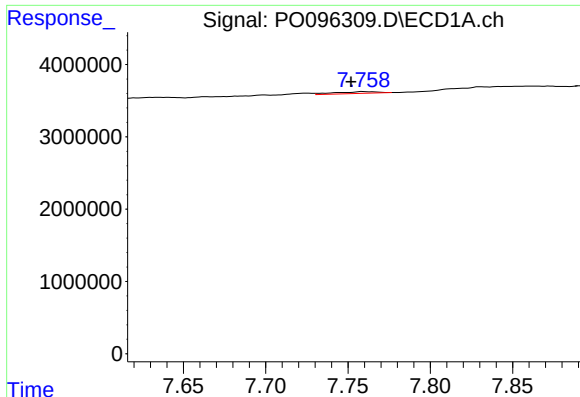
#32 AR-1260-2

R.T.: 7.461 min
Delta R.T.: -0.007 min
Response: -6963
Conc: N.D.



#32 AR-1260-2

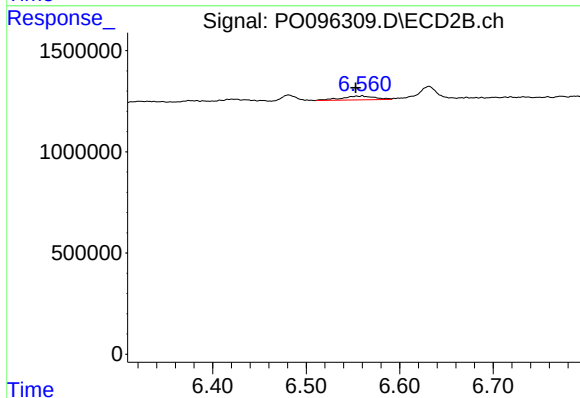
R.T.: 6.421 min
Delta R.T.: 0.022 min
Response: 405172
Conc: 5.23 ng/ml



#33 AR-1260-3

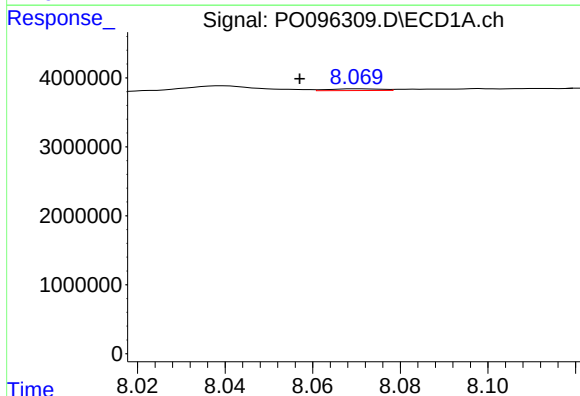
R.T.: 7.759 min
Delta R.T.: 0.007 min
Response: 438943
Conc: 3.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



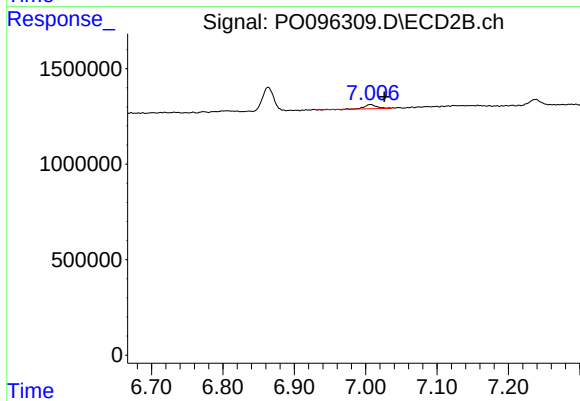
#33 AR-1260-3

R.T.: 6.560 min
Delta R.T.: 0.007 min
Response: 464684
Conc: 5.72 ng/ml



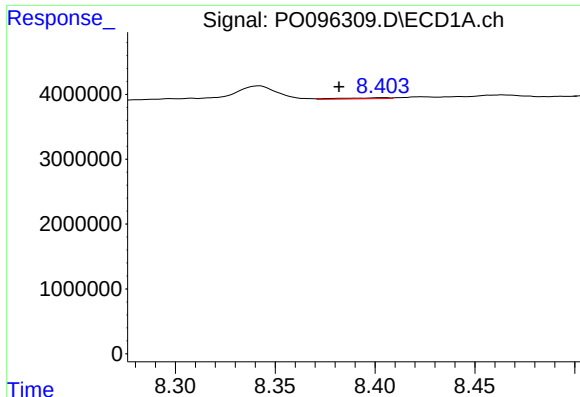
#34 AR-1260-4

R.T.: 8.070 min
Delta R.T.: 0.013 min
Response: 207190
Conc: 1.96 ng/ml



#34 AR-1260-4

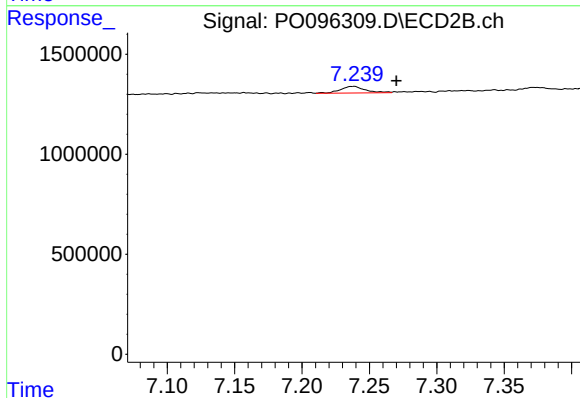
R.T.: 7.007 min
Delta R.T.: -0.020 min
Response: 267160
Conc: 4.46 ng/ml



#35 AR-1260-5

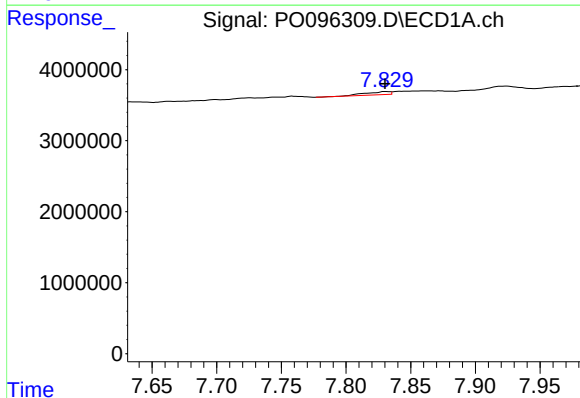
R.T.: 8.403 min
Delta R.T.: 0.021 min
Response: 268580
Conc: 1.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



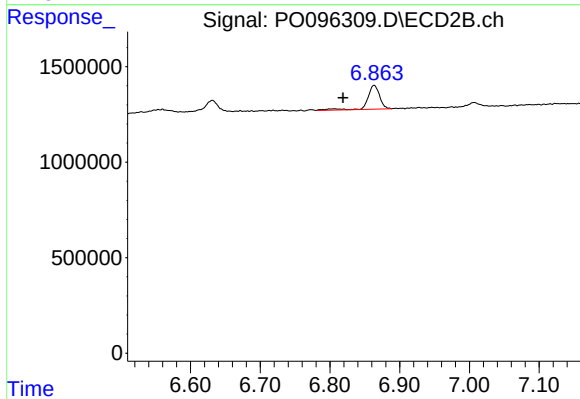
#35 AR-1260-5

R.T.: 7.238 min
Delta R.T.: -0.032 min
Response: 418869
Conc: 3.20 ng/ml



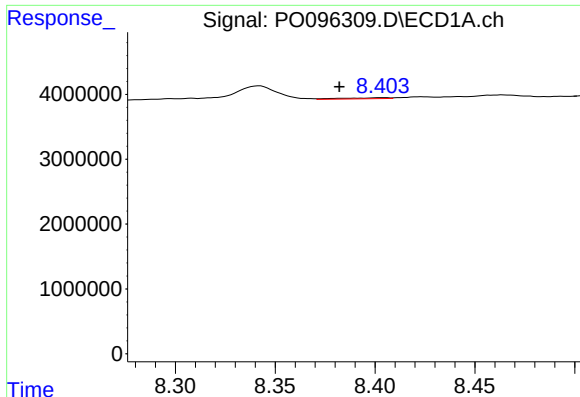
#36 AR-1262-1

R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 554170
Conc: 3.90 ng/ml



#36 AR-1262-1

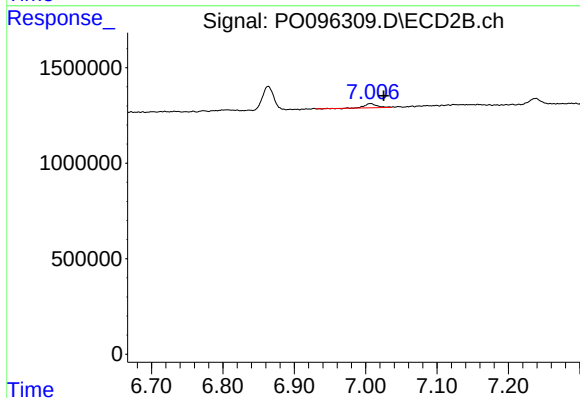
R.T.: 6.863 min
Delta R.T.: 0.045 min
Response: 1504188
Conc: 41.88 ng/ml



#37 AR-1262-2

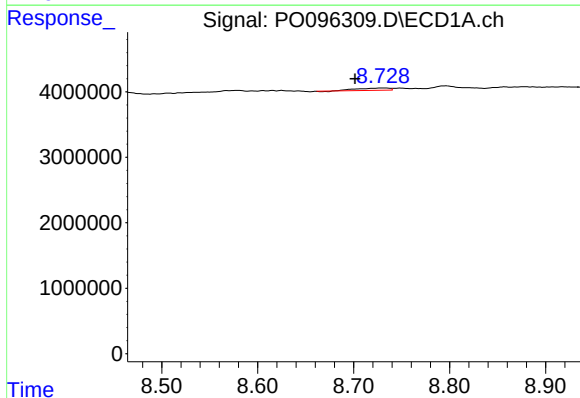
R.T.: 8.403 min
Delta R.T.: 0.021 min
Response: 268580
Conc: 1.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



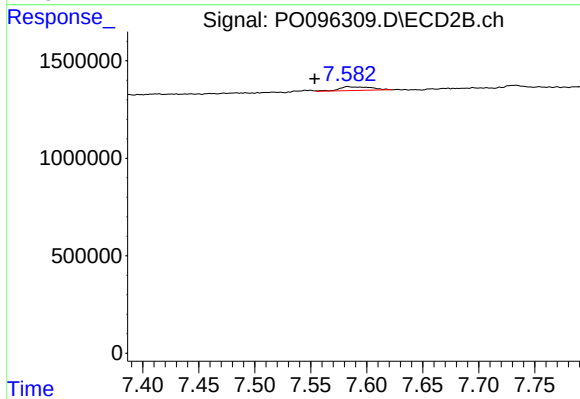
#37 AR-1262-2

R.T.: 7.007 min
Delta R.T.: -0.019 min
Response: 267160
Conc: 3.52 ng/ml



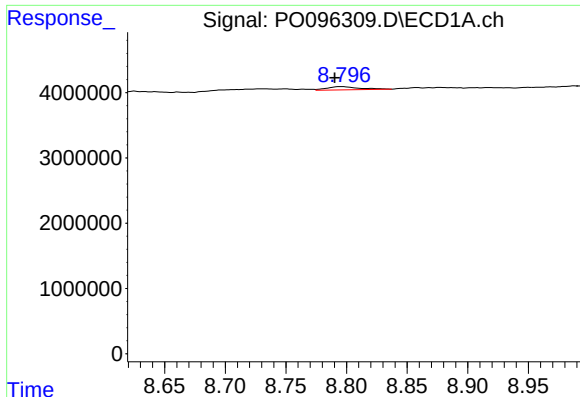
#38 AR-1262-3

R.T.: 8.729 min
Delta R.T.: 0.028 min
Response: 787855
Conc: 5.04 ng/ml



#38 AR-1262-3

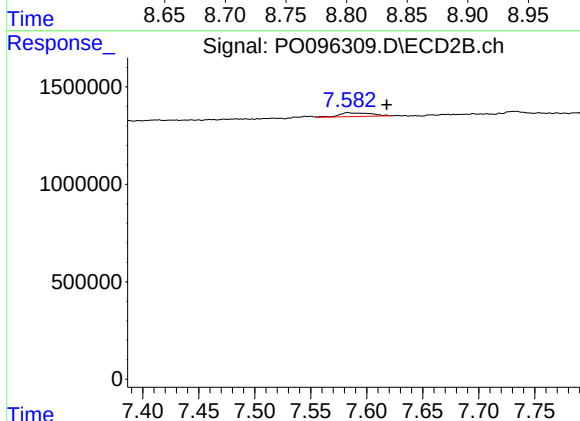
R.T.: 7.583 min
Delta R.T.: 0.030 min
Response: 388525
Conc: 6.67 ng/ml



#39 AR-1262-4

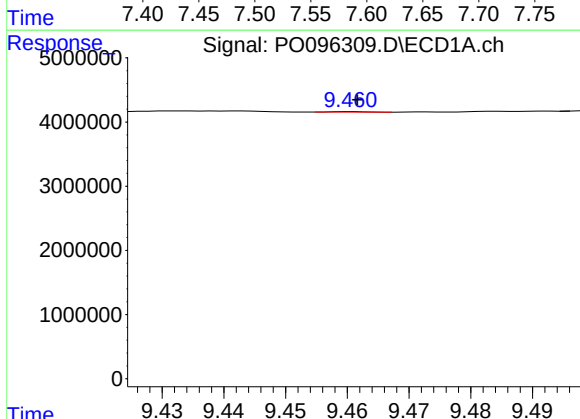
R.T.: 8.796 min
Delta R.T.: 0.006 min
Response: 915736
Conc: 7.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



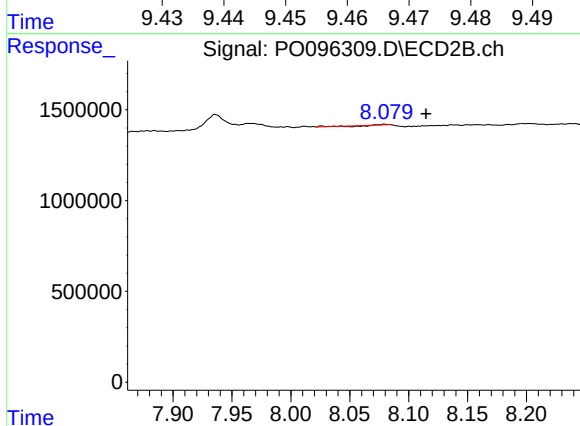
#39 AR-1262-4

R.T.: 7.583 min
Delta R.T.: -0.035 min
Response: 388525
Conc: 3.72 ng/ml



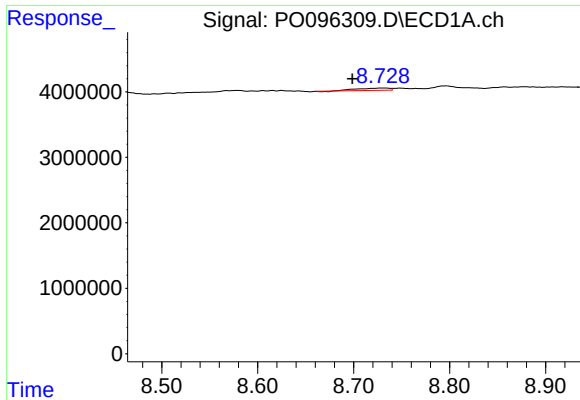
#40 AR-1262-5

R.T.: 9.461 min
Delta R.T.: 0.000 min
Response: 26715
Conc: 0.34 ng/ml



#40 AR-1262-5

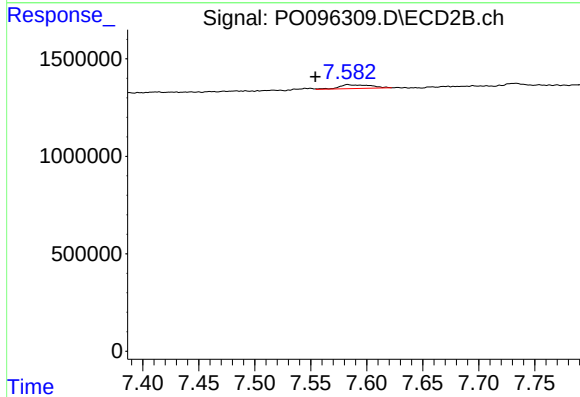
R.T.: 8.080 min
Delta R.T.: -0.035 min
Response: 14964
Conc: 0.30 ng/ml



#41 AR-1268-1

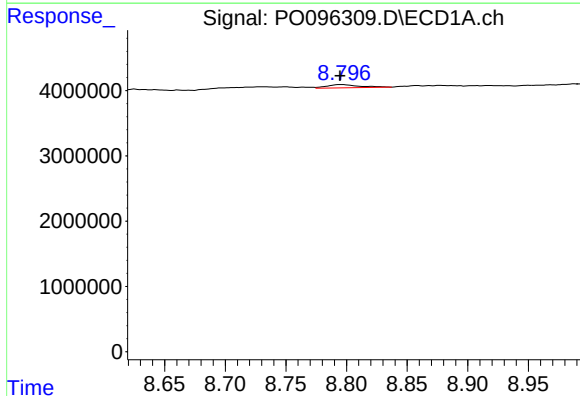
R.T.: 8.729 min
Delta R.T.: 0.031 min
Response: 787855
Conc: 2.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



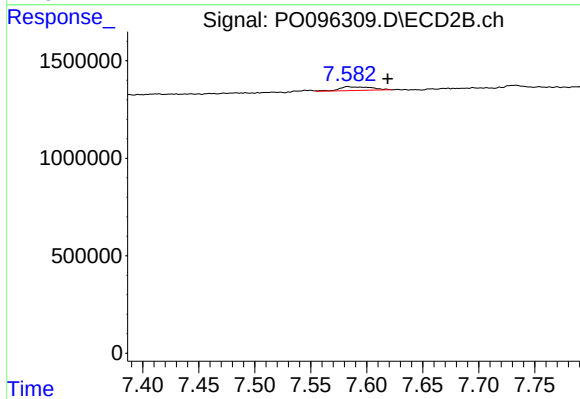
#41 AR-1268-1

R.T.: 7.583 min
Delta R.T.: 0.029 min
Response: 388525
Conc: 2.25 ng/ml



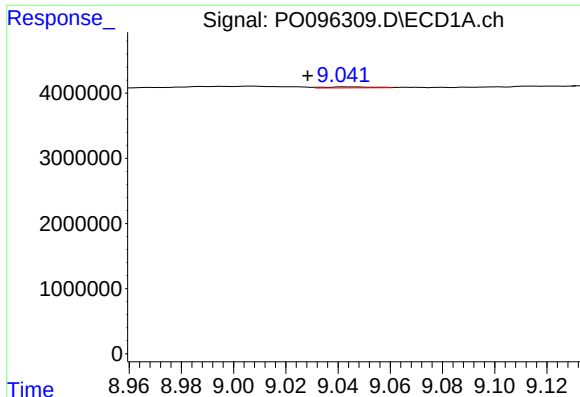
#42 AR-1268-2

R.T.: 8.796 min
Delta R.T.: 0.002 min
Response: 915736
Conc: 3.42 ng/ml



#42 AR-1268-2

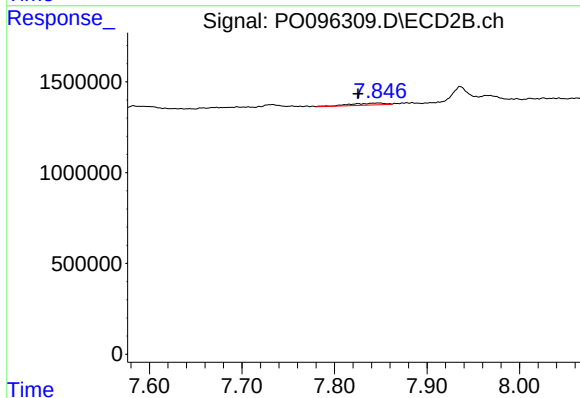
R.T.: 7.583 min
Delta R.T.: -0.036 min
Response: 388525
Conc: 2.51 ng/ml



#43 AR-1268-3

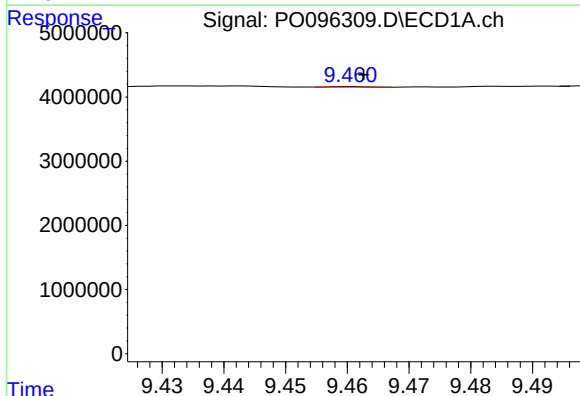
R.T.: 9.042 min
Delta R.T.: 0.014 min
Response: 196867
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



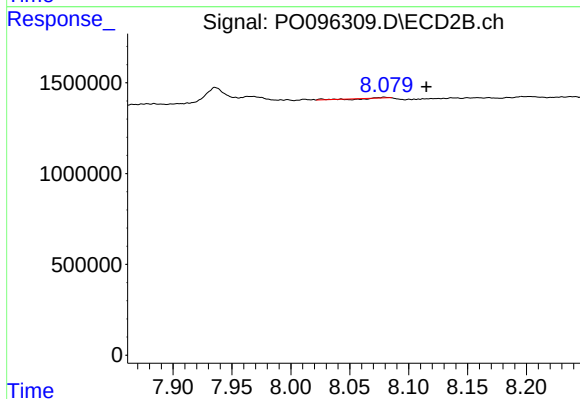
#43 AR-1268-3

R.T.: 7.848 min
Delta R.T.: 0.022 min
Response: 292004
Conc: 2.13 ng/ml



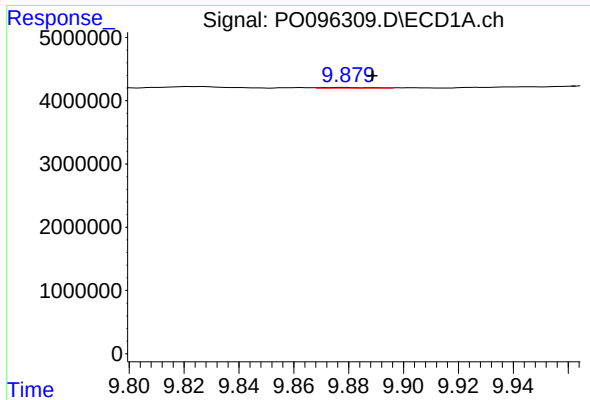
#44 AR-1268-4

R.T.: 9.461 min
Delta R.T.: -0.002 min
Response: 26715
Conc: 0.30 ng/ml



#44 AR-1268-4

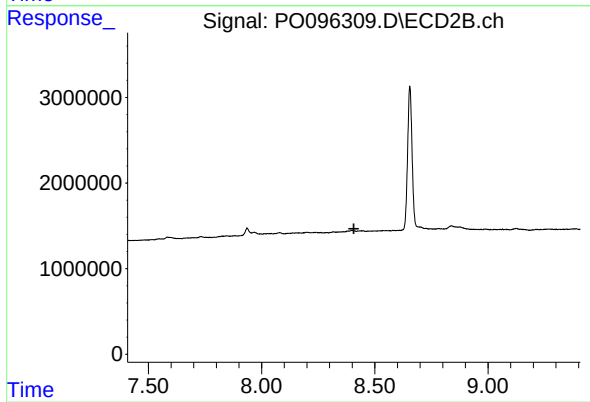
R.T.: 8.080 min
Delta R.T.: -0.036 min
Response: 14964
Conc: 0.27 ng/ml



#45 AR-1268-5

R.T.: 9.879 min
Delta R.T.: -0.010 min
Response: 113273
Conc: 0.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.408 min
Response: 0
Conc: N.D.