

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080223\
 Data File : PR062469.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2023 11:13
 Operator : YP\AJ
 Sample : 03820-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 22:14:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072723CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 27 05:18:59 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	0.000	2.969	0	399867	N.D.	0.129 #
2)	SA Decachlor...	0.000	8.243	0	147546	N.D.	0.037 #
Target Compounds							
3)	L1 AR-1016-1	0.000	4.077	0	229787	N.D.	2.085 #
4)	L1 AR-1016-2	0.000	4.099	0	158320	N.D.	1.030 #
5)	L1 AR-1016-3	0.000	4.281	0	19456	N.D.	0.230 #
6)	L1 AR-1016-4	0.000	4.339	0	104361	N.D.	1.528 #
7)	L1 AR-1016-5	0.000	4.539	0	126708	N.D.	1.401 #
10)	L2 AR-1221-3	4.102	3.346	2587471	926499	45.951	10.197 #
11)	L3 AR-1232-1	4.102	3.346	2587471	926499	56.341	12.411 #
12)	L3 AR-1232-2	0.000	4.099	0	158320	N.D.	2.313 #
13)	L3 AR-1232-3	0.000	4.281	0	19456	N.D.	0.530 #
14)	L3 AR-1232-4	0.000	4.375	0	71705	N.D.	2.126 #
15)	L3 AR-1232-5	0.000	4.539	0	126708	N.D.	3.324 #
16)	L4 AR-1242-1	0.000	4.077	0	229787	N.D.	2.641 #
17)	L4 AR-1242-2	0.000	4.099	0	158320	N.D.	1.304 #
18)	L4 AR-1242-3	0.000	4.281	0	19456	N.D.	0.291 #
19)	L4 AR-1242-4	0.000	4.375	0	71705	N.D.	1.076 #
20)	L4 AR-1242-5	0.000	4.915	0	273809	N.D.	3.163 #
21)	L5 AR-1248-1	0.000	4.077	0	229787	N.D.	3.309 #
22)	L5 AR-1248-2	0.000	4.339	0	104361	N.D.	1.067 #
23)	L5 AR-1248-3	0.000	4.375	0	71705	N.D.	0.710 #
24)	L5 AR-1248-4	0.000	4.539	0	126708	N.D.	1.039 #
25)	L5 AR-1248-5	0.000	4.961	0	76572	N.D.	0.626 #
26)	L6 AR-1254-1	0.000	4.915	0	273809	N.D.	1.432 #
27)	L6 AR-1254-2	0.000	5.080	0	453322	N.D.	2.711 #
28)	L6 AR-1254-3	0.000	5.507	0	312590	N.D.	1.130 #
29)	L6 AR-1254-4	0.000	5.759	0	246828	N.D.	1.384 #
30)	L6 AR-1254-5	0.000	6.203	0	616273	N.D.	2.334 #
31)	L7 AR-1260-1	0.000	5.649	0	149491	N.D.	0.755 #
32)	L7 AR-1260-2	0.000	5.848	0	304786	N.D.	1.244 #
33)	L7 AR-1260-3	7.340	6.017	368455	199662	4.233	0.863 #
34)	L7 AR-1260-4	0.000	6.518	0	381608	N.D.	1.883 #
35)	L7 AR-1260-5	0.000	6.782	0	566021	N.D.	1.189 #
36)	L8 AR-1262-1	7.340	6.245	368455	306498	2.874	1.091 #
37)	L8 AR-1262-2	0.000	6.782	0	566021	N.D.	1.085 #
38)	L8 AR-1262-3	0.000	7.089	0	694076	N.D.	3.316 #
39)	L8 AR-1262-4	0.000	7.153	0	319746	N.D.	0.804 #
40)	L8 AR-1262-5	0.000	7.699	0	411911	N.D.	2.142 #
41)	L9 AR-1268-1	0.000	7.089	0	694076	N.D.	1.116 #
42)	L9 AR-1268-2	0.000	7.153	0	319746	N.D.	0.559 #
43)	L9 AR-1268-3	0.000	7.376	0	169099	N.D.	0.338 #

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Volume Inj. : 1 µl
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 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	7.699	0	411911	N.D.	1.920 #
45) L9	AR-1268-5	0.000	7.977	0	116043	N.D.	0.073 #

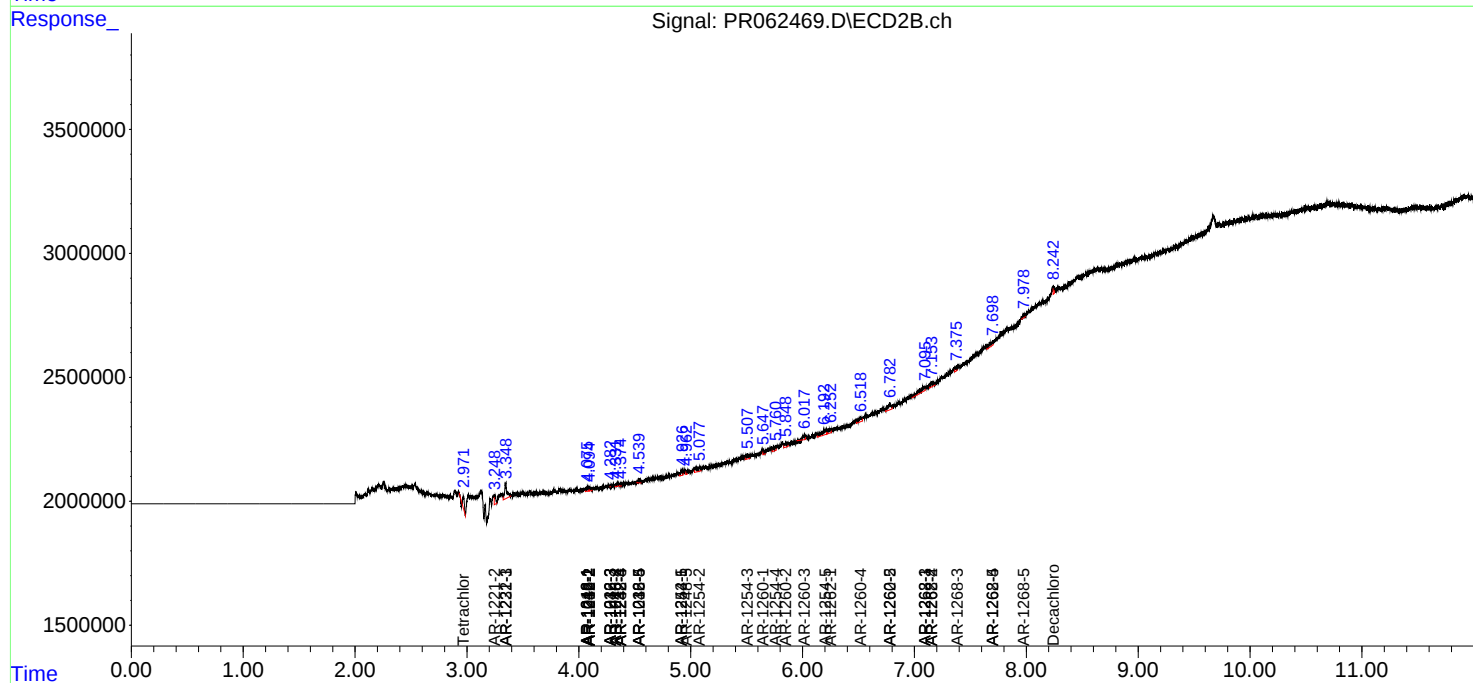
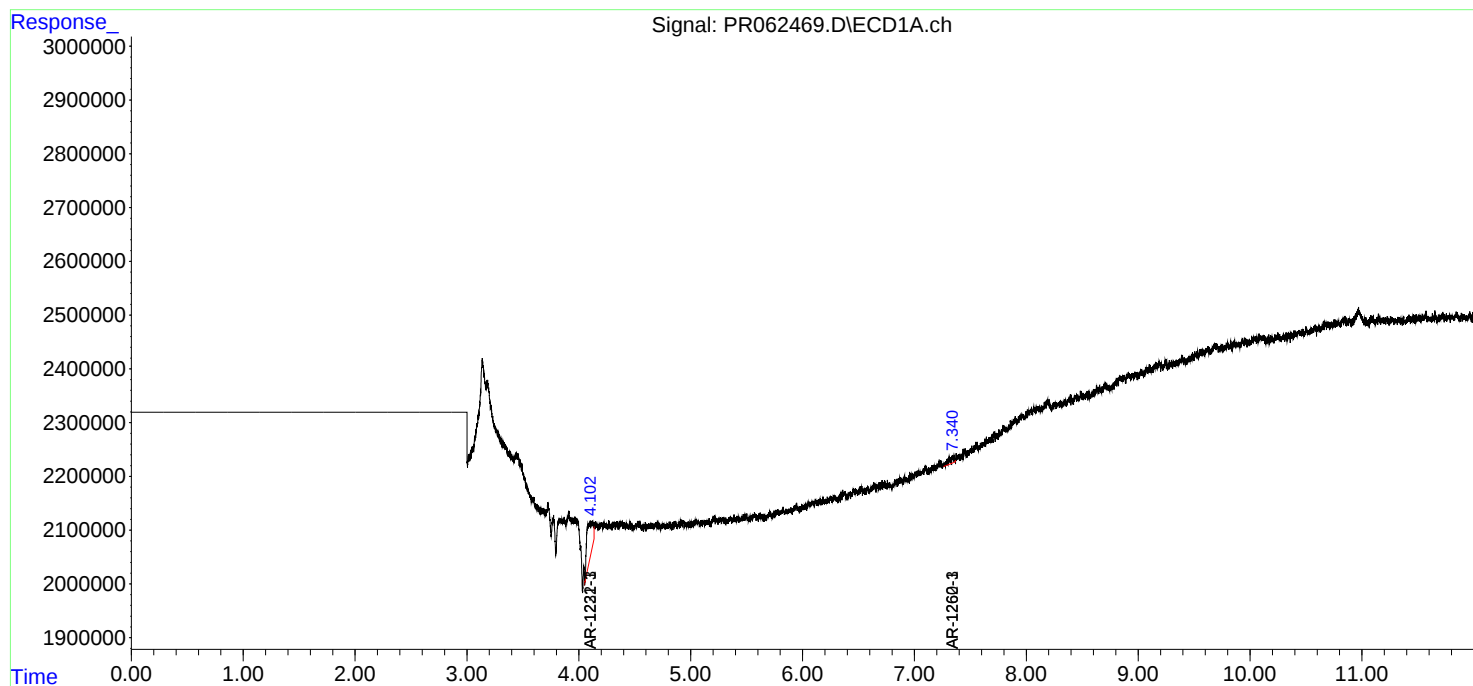
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

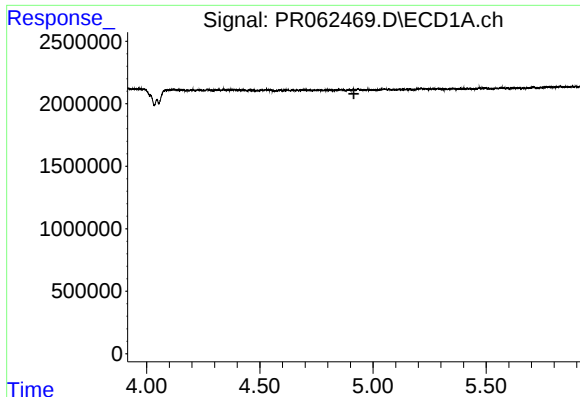
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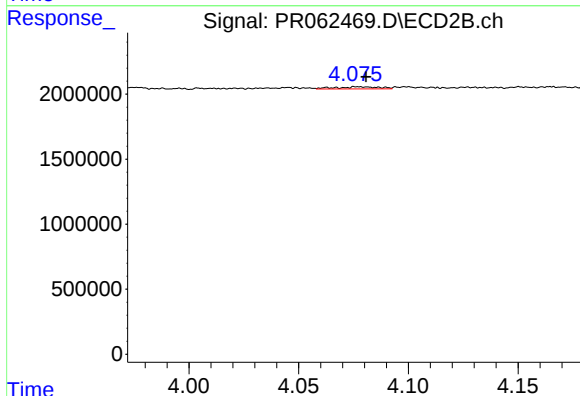




#3 AR-1016-1

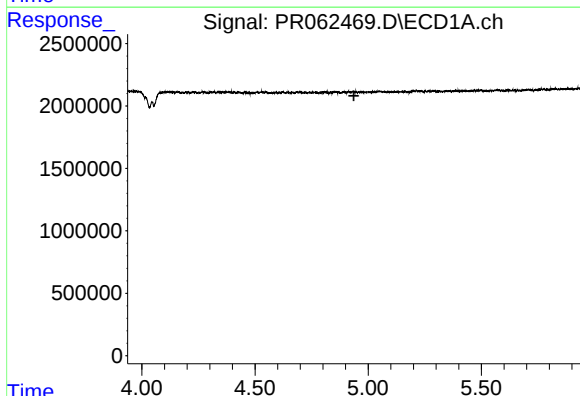
R.T.: 0.000 min
Exp R.T.: 4.915 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



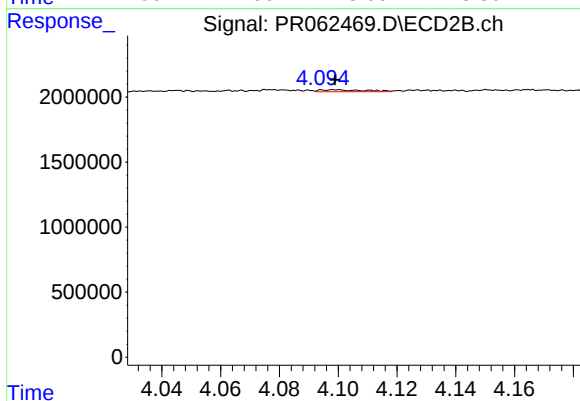
#3 AR-1016-1

R.T.: 4.077 min
Delta R.T.: -0.004 min
Response: 229787
Conc: 2.09 ng/ml



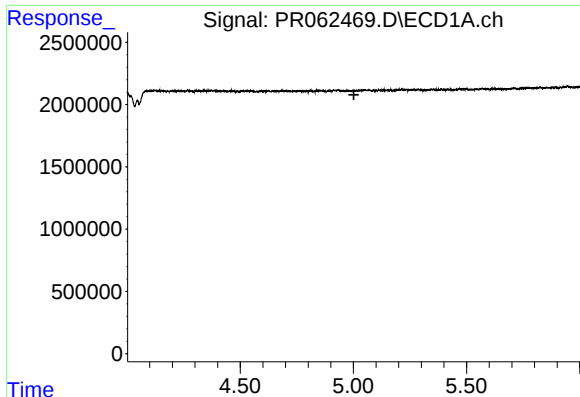
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 4.937 min
Response: 0
Conc: N.D.



#4 AR-1016-2

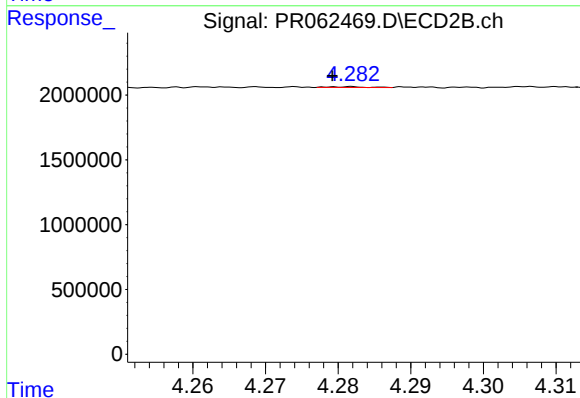
R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 158320
Conc: 1.03 ng/ml



#5 AR-1016-3

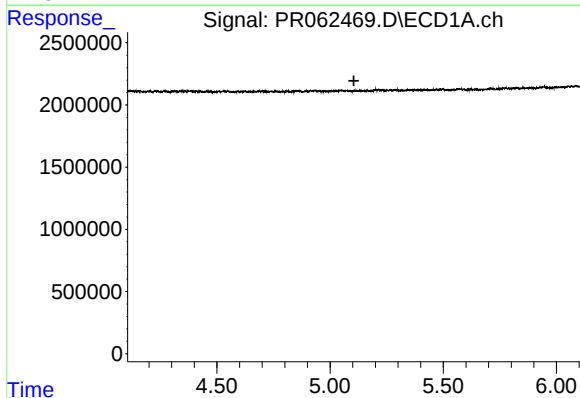
R.T.: 0.000 min
Exp R.T.: 5.002 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



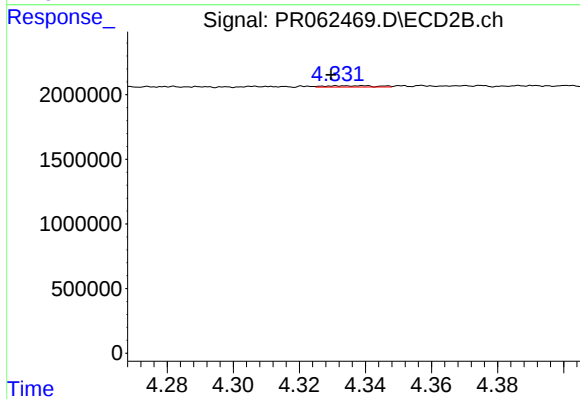
#5 AR-1016-3

R.T.: 4.281 min
Delta R.T.: 0.002 min
Response: 19456
Conc: 0.23 ng/ml



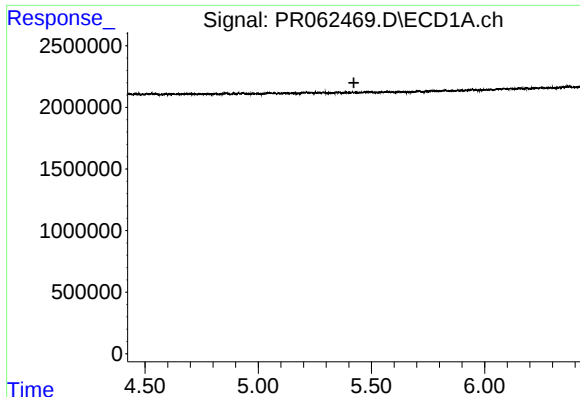
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.105 min
Response: 0
Conc: N.D.



#6 AR-1016-4

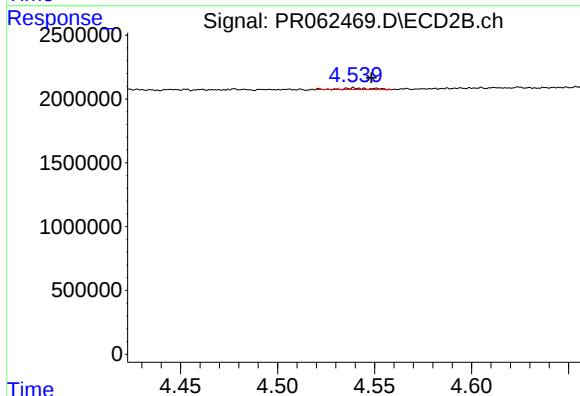
R.T.: 4.339 min
Delta R.T.: 0.010 min
Response: 104361
Conc: 1.53 ng/ml



#7 AR-1016-5

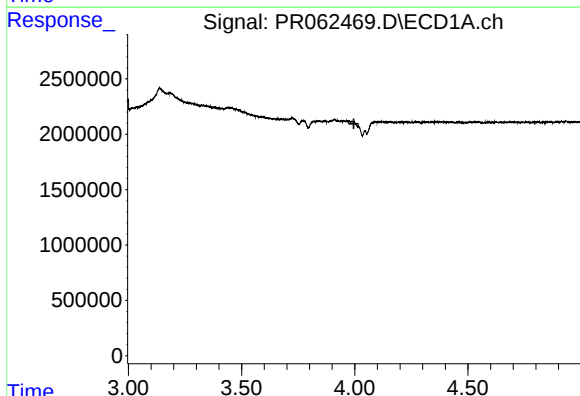
R.T.: 0.000 min
Exp R.T.: 5.422 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



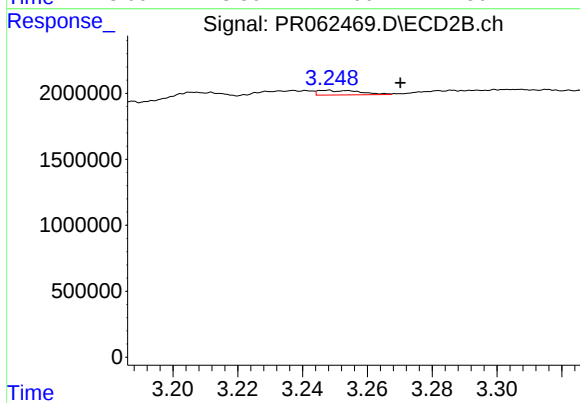
#7 AR-1016-5

R.T.: 4.539 min
Delta R.T.: -0.009 min
Response: 126708
Conc: 1.40 ng/ml



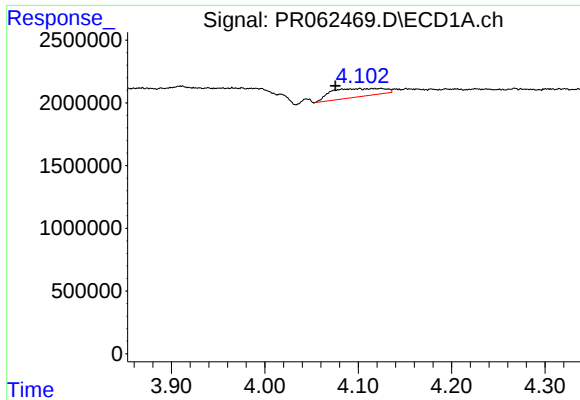
#9 AR-1221-2

R.T.: 4.045 min
Delta R.T.: 0.048 min
Response: -249555
Conc: N.D.



#9 AR-1221-2

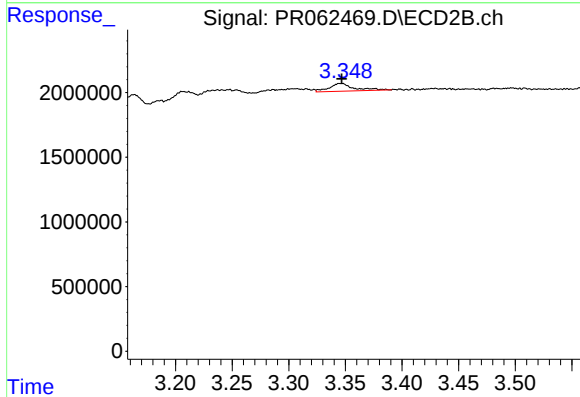
R.T.: 3.247 min
Delta R.T.: -0.023 min
Response: 317413
Conc: 11.37 ng/ml



#10 AR-1221-3

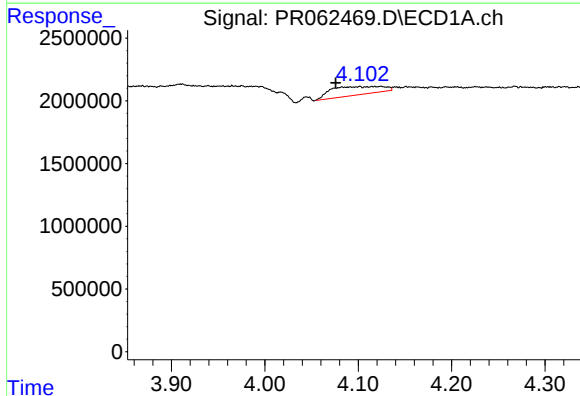
R.T.: 4.102 min
Delta R.T.: 0.026 min
Response: 2587471
Conc: 45.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



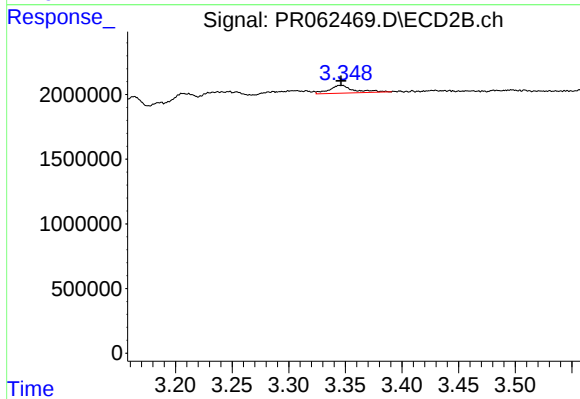
#10 AR-1221-3

R.T.: 3.346 min
Delta R.T.: 0.000 min
Response: 926499
Conc: 10.20 ng/ml



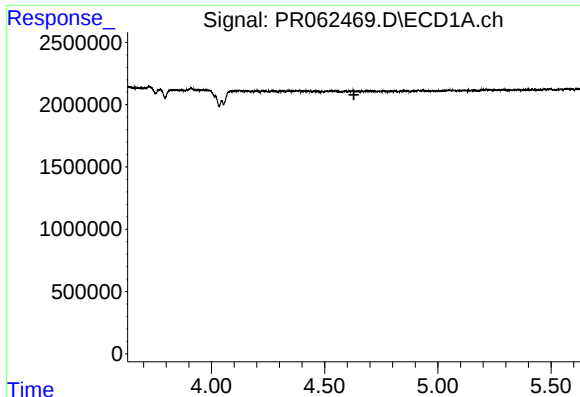
#11 AR-1232-1

R.T.: 4.102 min
Delta R.T.: 0.026 min
Response: 2587471
Conc: 56.34 ng/ml



#11 AR-1232-1

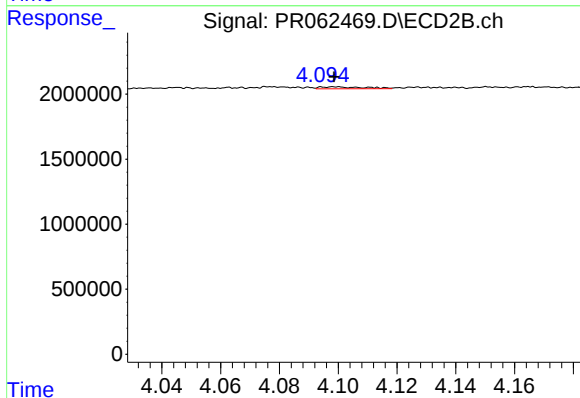
R.T.: 3.346 min
Delta R.T.: 0.000 min
Response: 926499
Conc: 12.41 ng/ml



#12 AR-1232-2

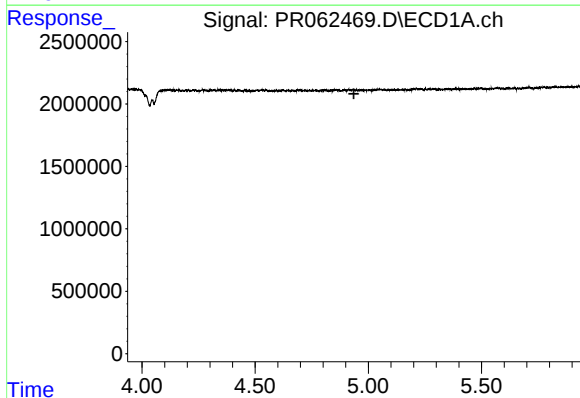
R.T.: 0.000 min
Exp R.T.: 4.629 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



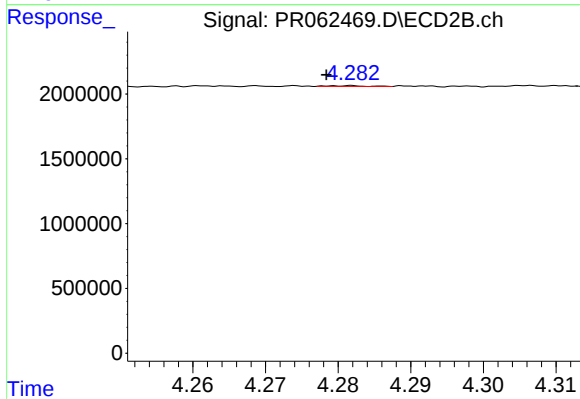
#12 AR-1232-2

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 158320
Conc: 2.31 ng/ml



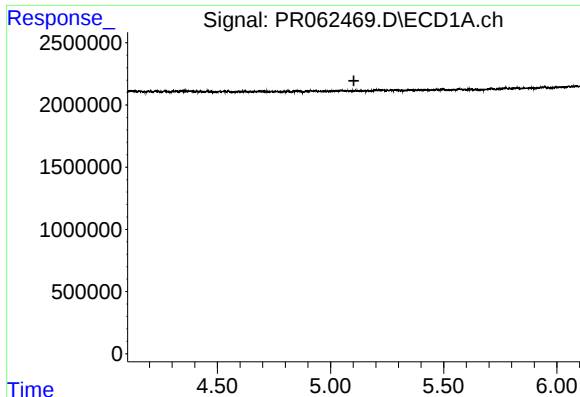
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 4.936 min
Response: 0
Conc: N.D.



#13 AR-1232-3

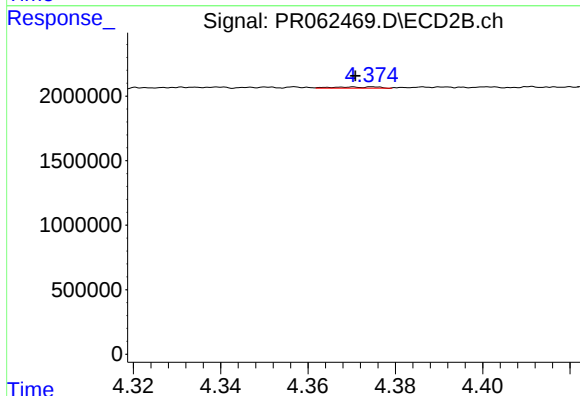
R.T.: 4.281 min
Delta R.T.: 0.003 min
Response: 19456
Conc: 0.53 ng/ml



#14 AR-1232-4

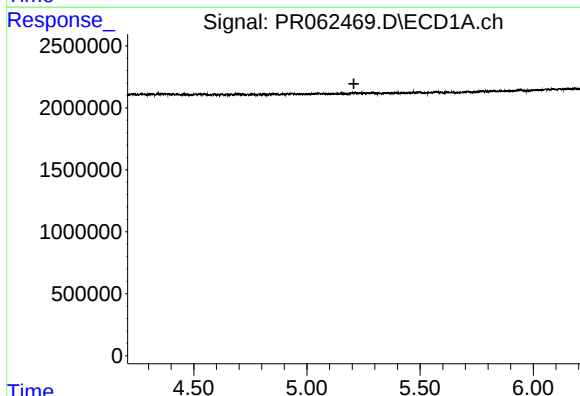
R.T.: 0.000 min
Exp R.T.: 5.103 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



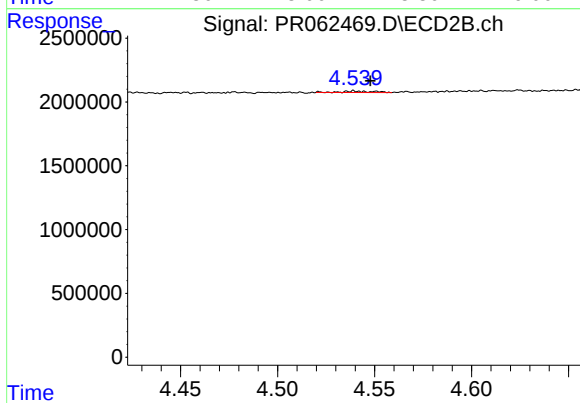
#14 AR-1232-4

R.T.: 4.375 min
Delta R.T.: 0.004 min
Response: 71705
Conc: 2.13 ng/ml



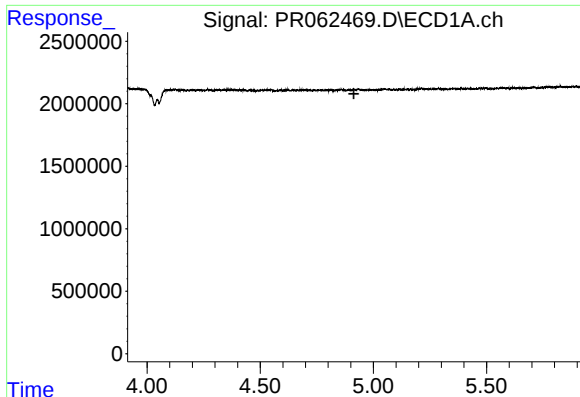
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.207 min
Response: 0
Conc: N.D.



#15 AR-1232-5

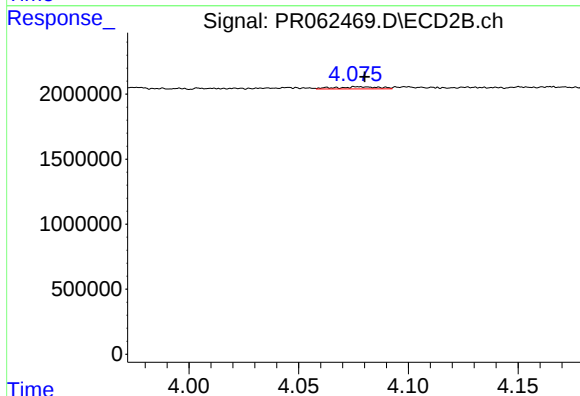
R.T.: 4.539 min
Delta R.T.: -0.008 min
Response: 126708
Conc: 3.32 ng/ml



#16 AR-1242-1

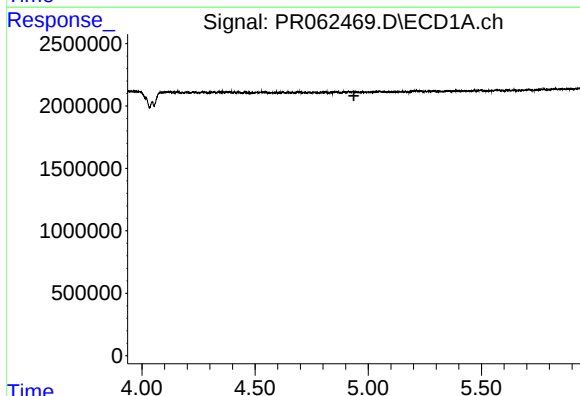
R.T.: 0.000 min
Exp R.T.: 4.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



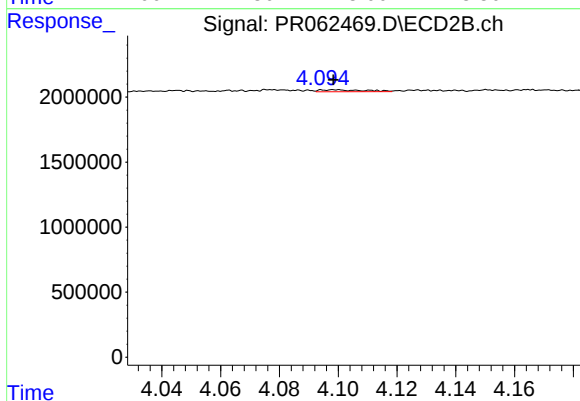
#16 AR-1242-1

R.T.: 4.077 min
Delta R.T.: -0.003 min
Response: 229787
Conc: 2.64 ng/ml



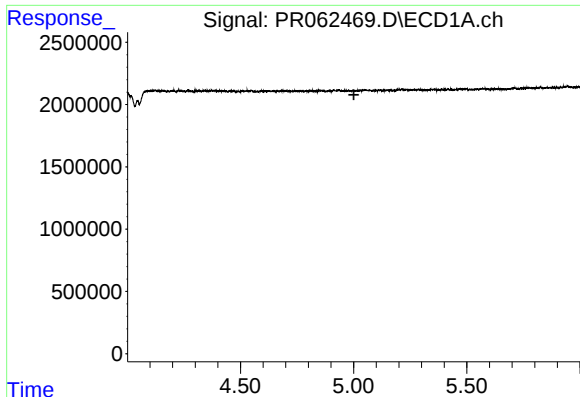
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 4.937 min
Response: 0
Conc: N.D.



#17 AR-1242-2

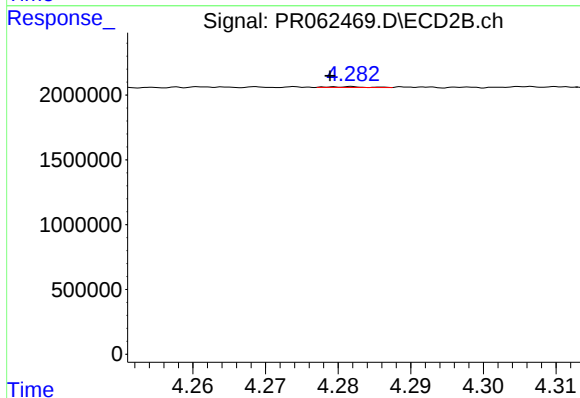
R.T.: 4.099 min
Delta R.T.: 0.001 min
Response: 158320
Conc: 1.30 ng/ml



#18 AR-1242-3

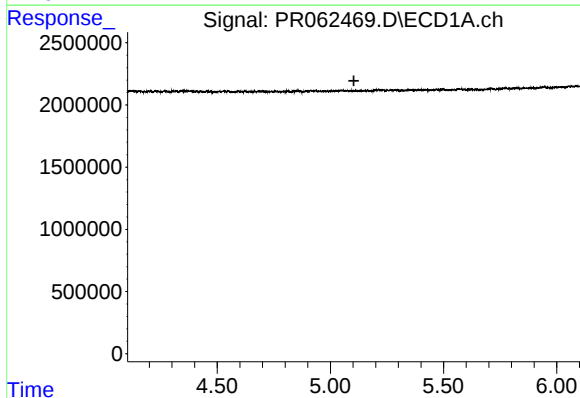
R.T.: 0.000 min
Exp R.T.: 5.001 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



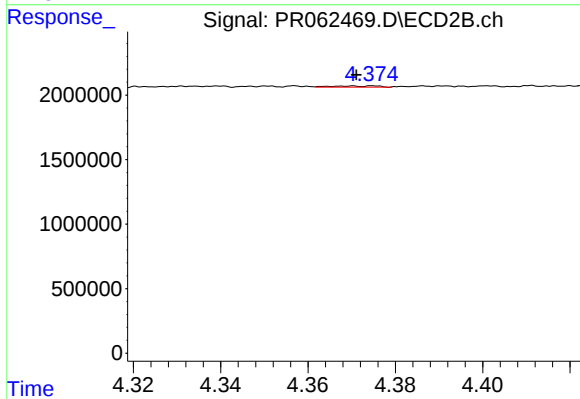
#18 AR-1242-3

R.T.: 4.281 min
Delta R.T.: 0.002 min
Response: 19456
Conc: 0.29 ng/ml



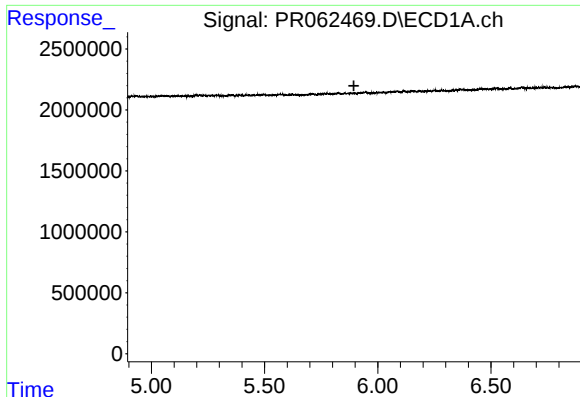
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.104 min
Response: 0
Conc: N.D.



#19 AR-1242-4

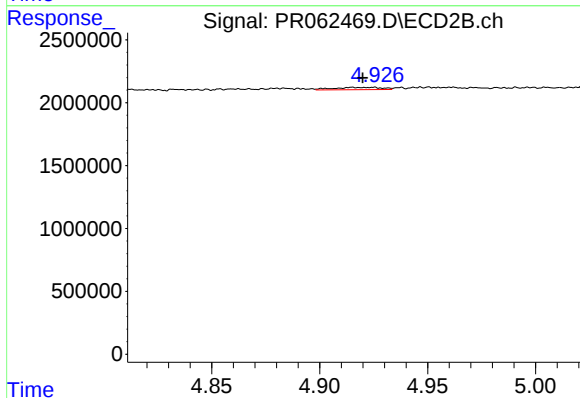
R.T.: 4.375 min
Delta R.T.: 0.004 min
Response: 71705
Conc: 1.08 ng/ml



#20 AR-1242-5

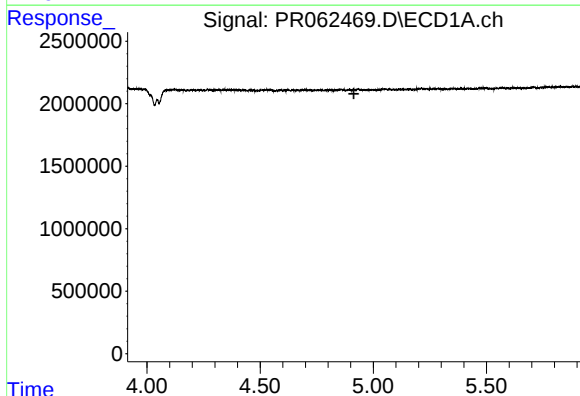
R.T.: 0.000 min
Exp R.T.: 5.895 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



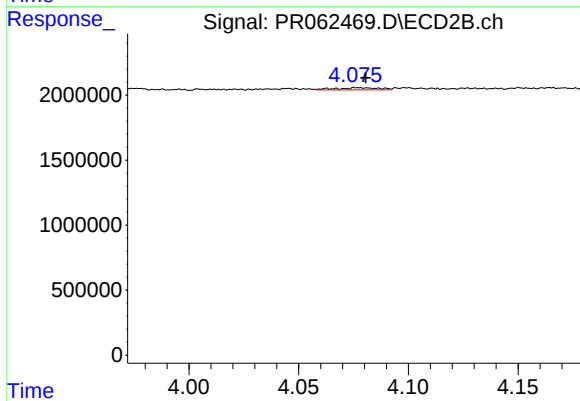
#20 AR-1242-5

R.T.: 4.915 min
Delta R.T.: -0.005 min
Response: 273809
Conc: 3.16 ng/ml



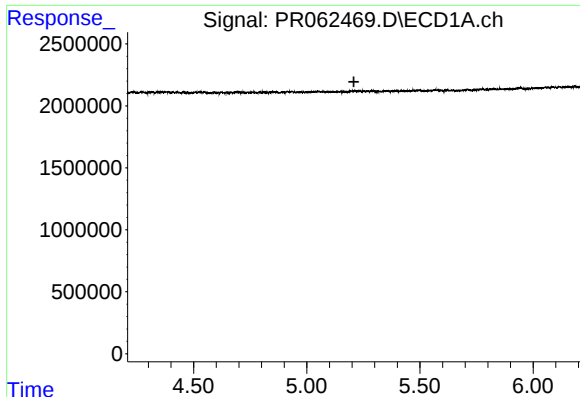
#21 AR-1248-1

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



#21 AR-1248-1

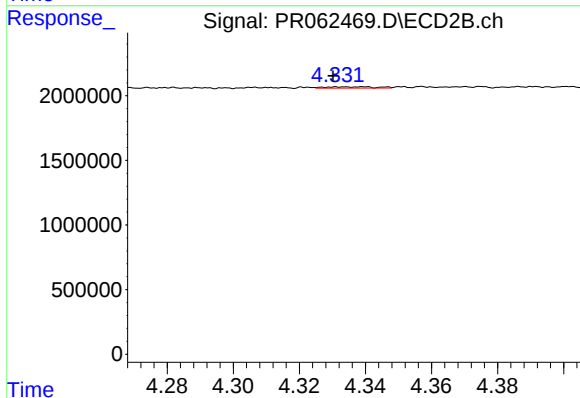
R.T.: 4.077 min
Delta R.T.: -0.004 min
Response: 229787
Conc: 3.31 ng/ml



#22 AR-1248-2

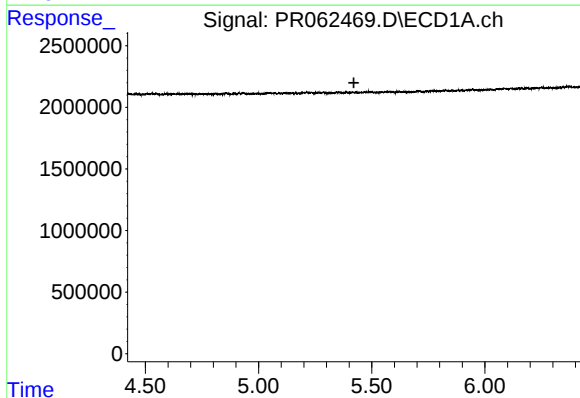
R.T.: 0.000 min
Exp R.T.: 5.208 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



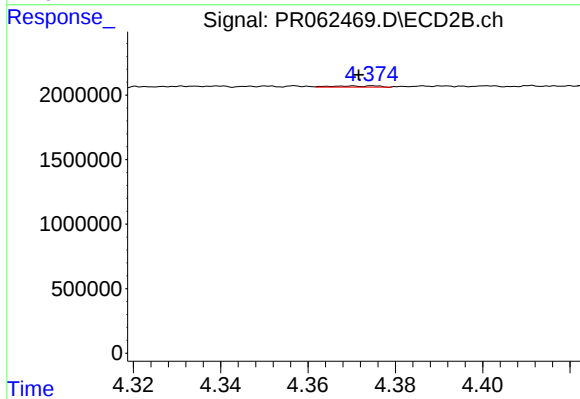
#22 AR-1248-2

R.T.: 4.339 min
Delta R.T.: 0.009 min
Response: 104361
Conc: 1.07 ng/ml



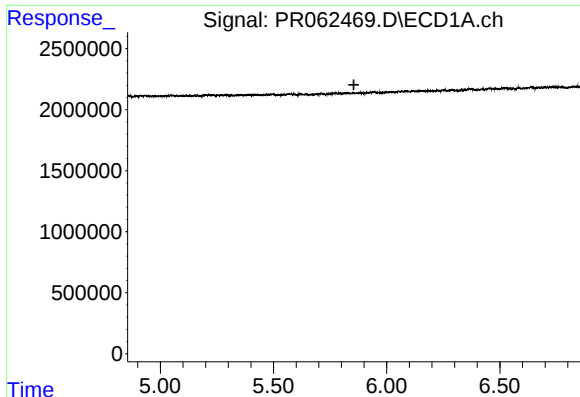
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.421 min
Response: 0
Conc: N.D.



#23 AR-1248-3

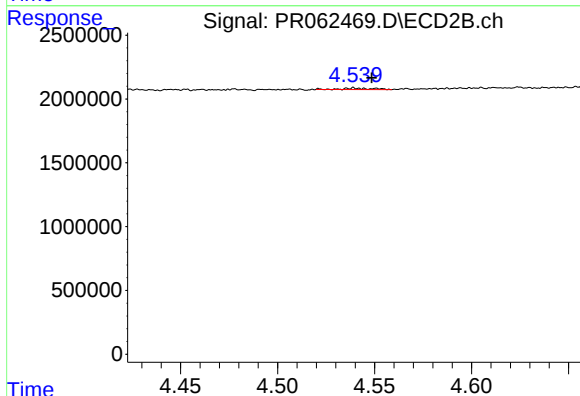
R.T.: 4.375 min
Delta R.T.: 0.003 min
Response: 71705
Conc: 0.71 ng/ml



#24 AR-1248-4

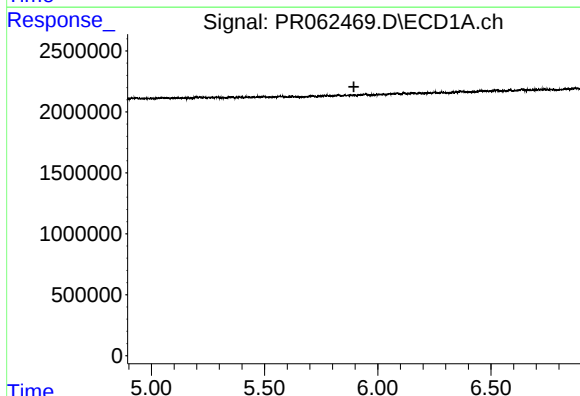
R.T.: 0.000 min
Exp R.T.: 5.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



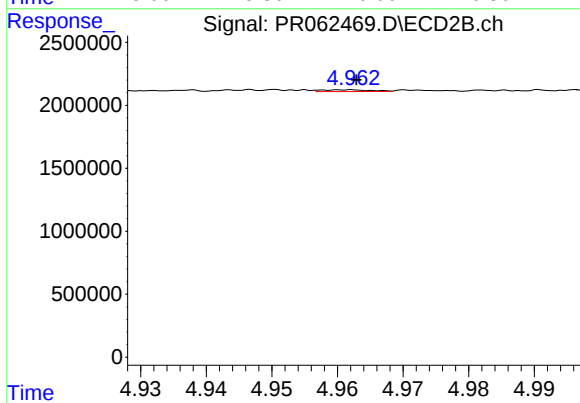
#24 AR-1248-4

R.T.: 4.539 min
Delta R.T.: -0.009 min
Response: 126708
Conc: 1.04 ng/ml



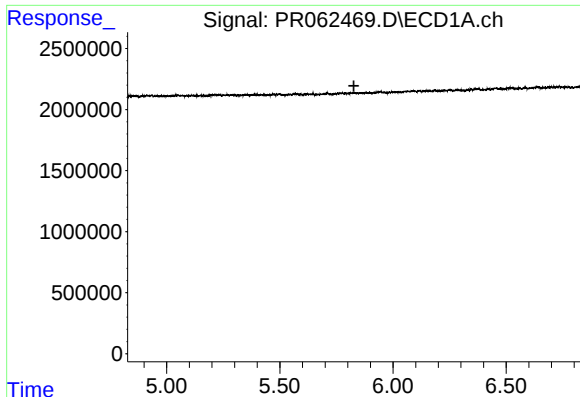
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 5.895 min
Response: 0
Conc: N.D.



#25 AR-1248-5

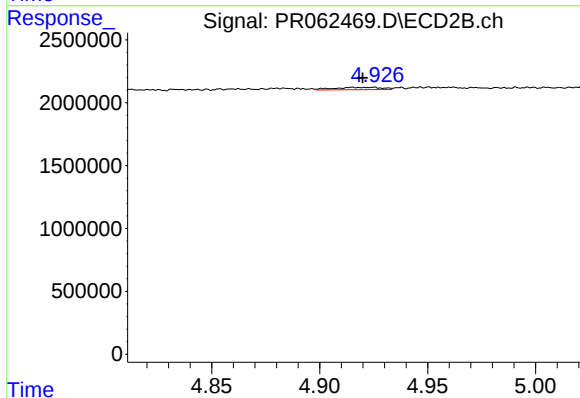
R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 76572
Conc: 0.63 ng/ml



#26 AR-1254-1

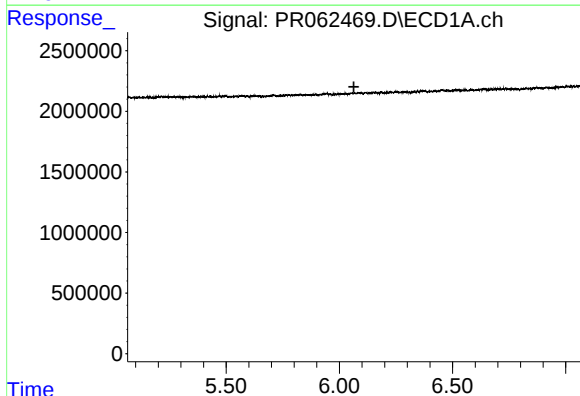
R.T.: 0.000 min
Exp R.T. : 5.827 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



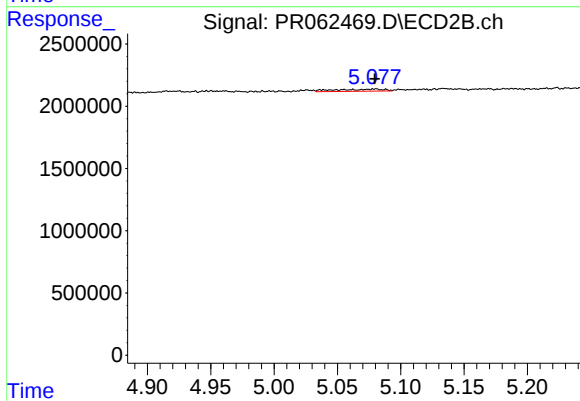
#26 AR-1254-1

R.T.: 4.915 min
Delta R.T.: -0.005 min
Response: 273809
Conc: 1.43 ng/ml



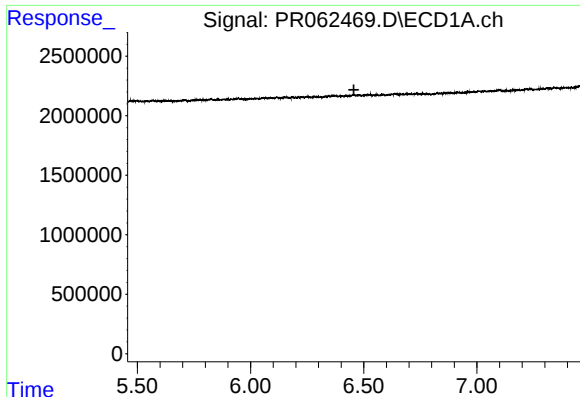
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.064 min
Response: 0
Conc: N.D.



#27 AR-1254-2

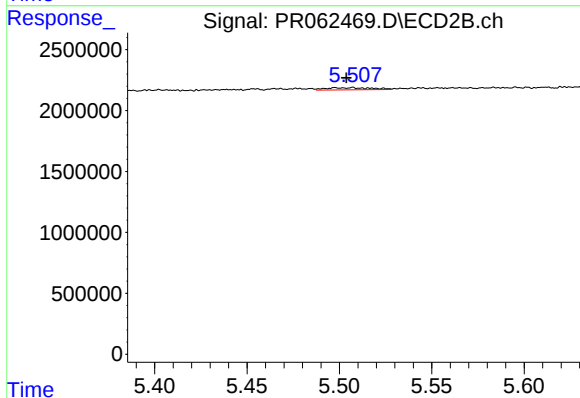
R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 453322
Conc: 2.71 ng/ml



#28 AR-1254-3

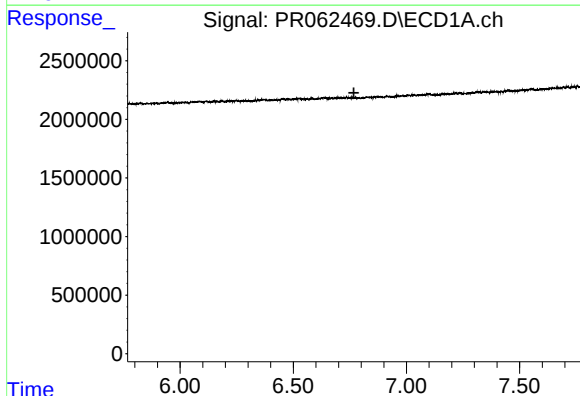
R.T.: 0.000 min
Exp R.T.: 6.457 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



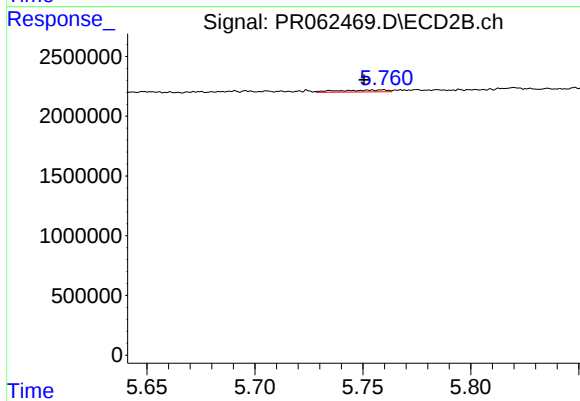
#28 AR-1254-3

R.T.: 5.507 min
Delta R.T.: 0.003 min
Response: 312590
Conc: 1.13 ng/ml



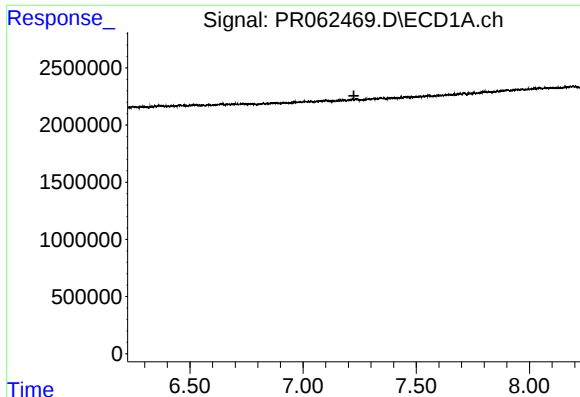
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 6.768 min
Response: 0
Conc: N.D.



#29 AR-1254-4

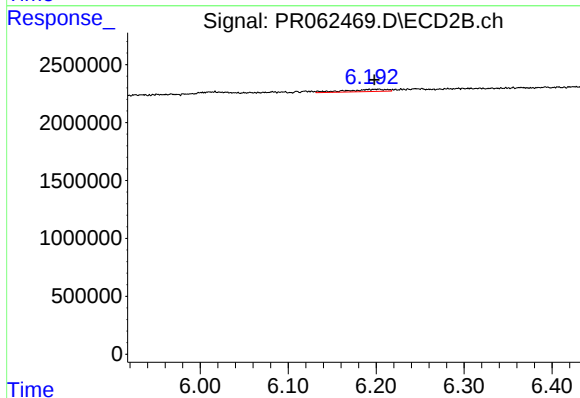
R.T.: 5.759 min
Delta R.T.: 0.009 min
Response: 246828
Conc: 1.38 ng/ml



#30 AR-1254-5

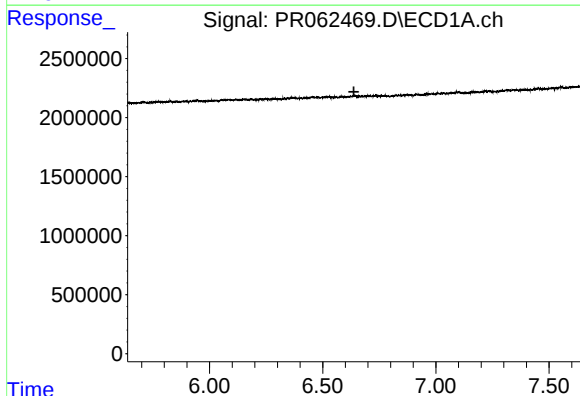
R.T.: 0.000 min
Exp R.T.: 7.225 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



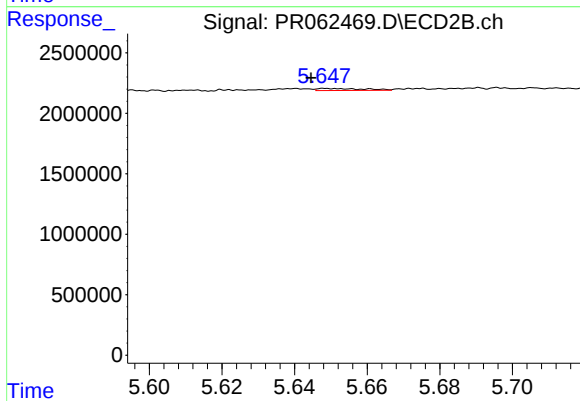
#30 AR-1254-5

R.T.: 6.203 min
Delta R.T.: 0.005 min
Response: 616273
Conc: 2.33 ng/ml



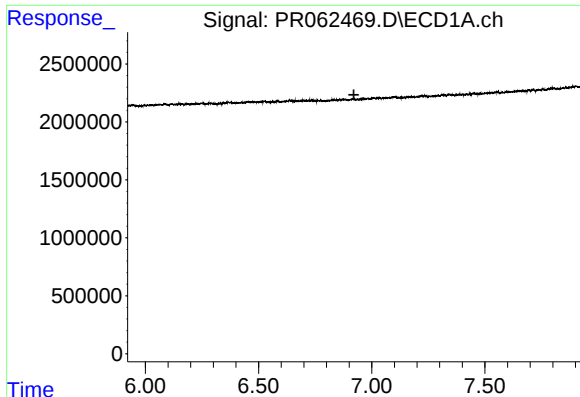
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 6.638 min
Response: 0
Conc: N.D.



#31 AR-1260-1

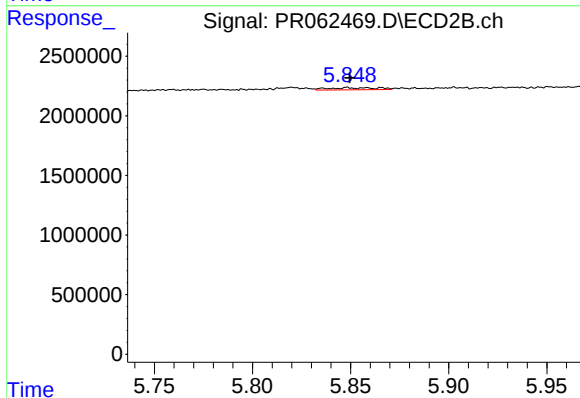
R.T.: 5.649 min
Delta R.T.: 0.004 min
Response: 149491
Conc: 0.75 ng/ml



#32 AR-1260-2

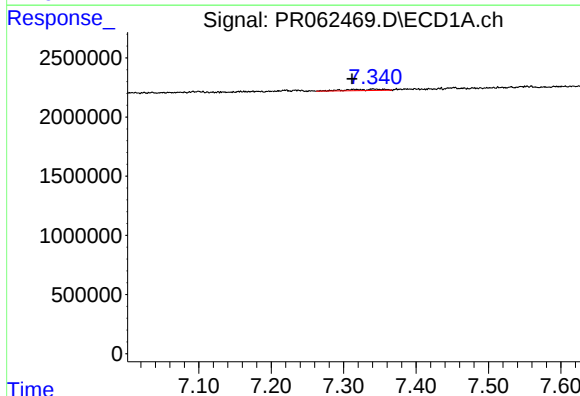
R.T.: 0.000 min
Exp R.T.: 6.921 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



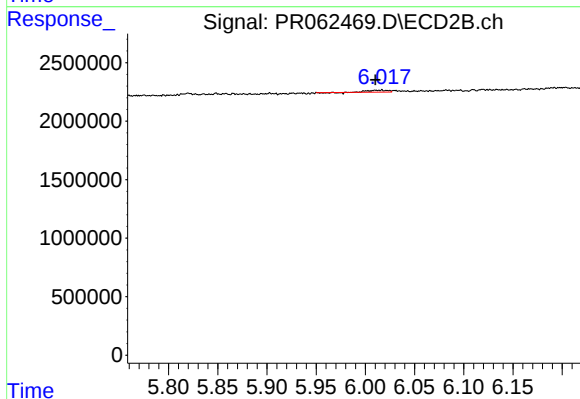
#32 AR-1260-2

R.T.: 5.848 min
Delta R.T.: -0.001 min
Response: 304786
Conc: 1.24 ng/ml



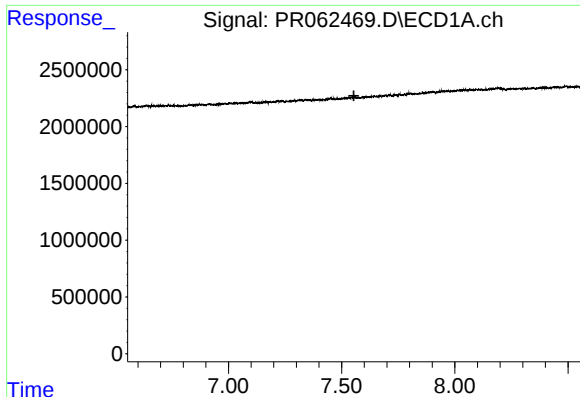
#33 AR-1260-3

R.T.: 7.340 min
Delta R.T.: 0.029 min
Response: 368455
Conc: 4.23 ng/ml



#33 AR-1260-3

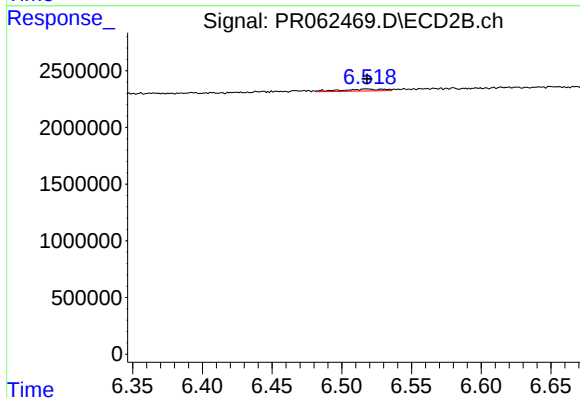
R.T.: 6.017 min
Delta R.T.: 0.006 min
Response: 199662
Conc: 0.86 ng/ml



#34 AR-1260-4

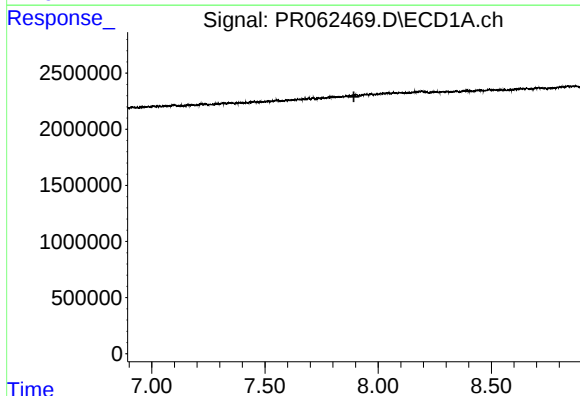
R.T.: 0.000 min
Exp R.T.: 7.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



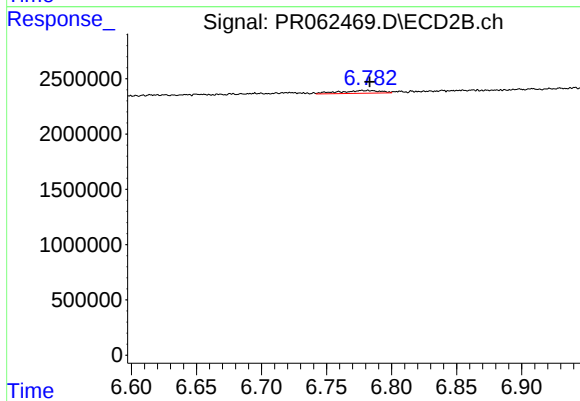
#34 AR-1260-4

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 381608
Conc: 1.88 ng/ml



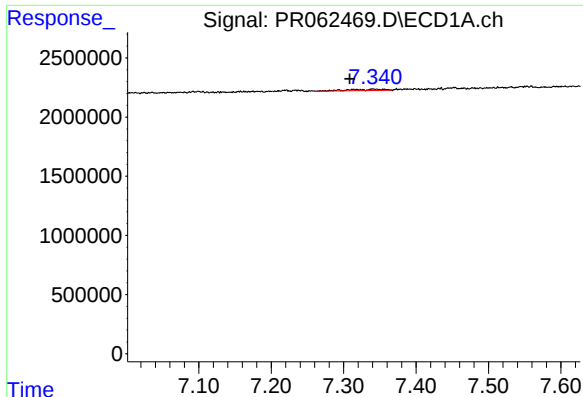
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.893 min
Response: 0
Conc: N.D.



#35 AR-1260-5

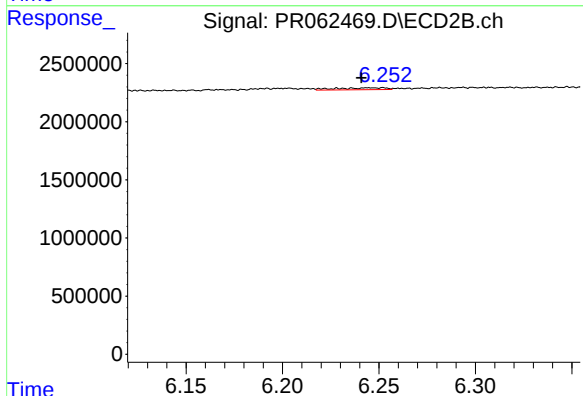
R.T.: 6.782 min
Delta R.T.: -0.001 min
Response: 566021
Conc: 1.19 ng/ml



#36 AR-1262-1

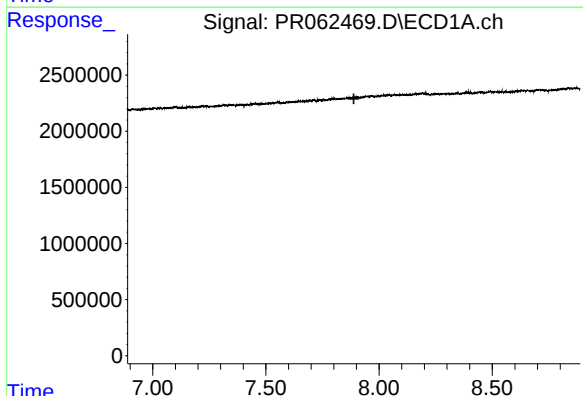
R.T.: 7.340 min
Delta R.T.: 0.032 min
Response: 368455
Conc: 2.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



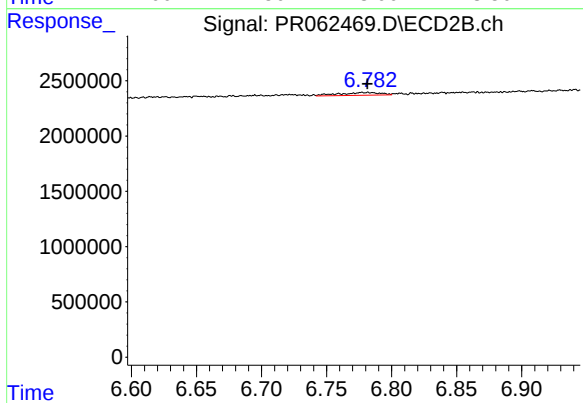
#36 AR-1262-1

R.T.: 6.245 min
Delta R.T.: 0.004 min
Response: 306498
Conc: 1.09 ng/ml



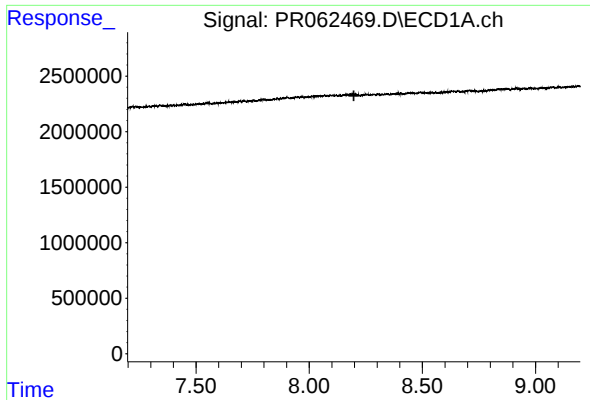
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.889 min
Response: 0
Conc: N.D.



#37 AR-1262-2

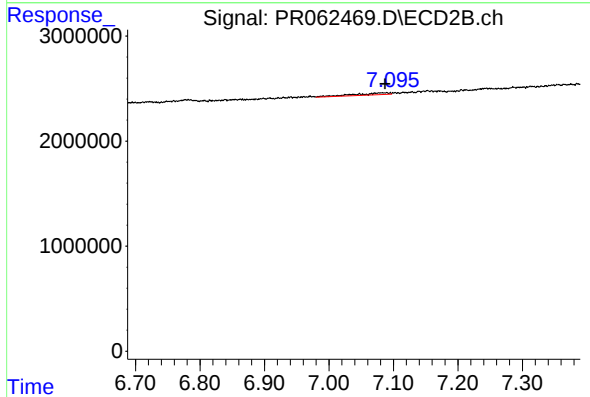
R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 566021
Conc: 1.09 ng/ml



#38 AR-1262-3

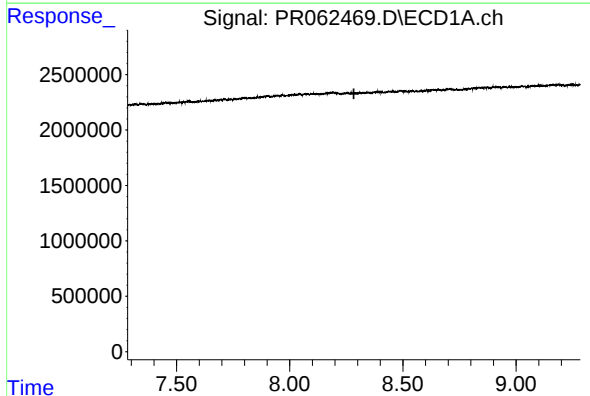
R.T.: 0.000 min
Exp R.T.: 8.197 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



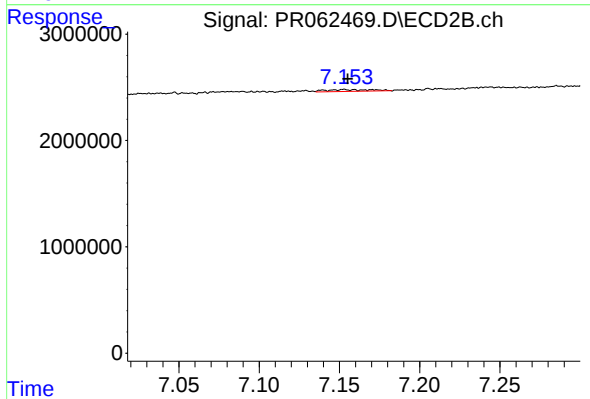
#38 AR-1262-3

R.T.: 7.089 min
Delta R.T.: 0.002 min
Response: 694076
Conc: 3.32 ng/ml



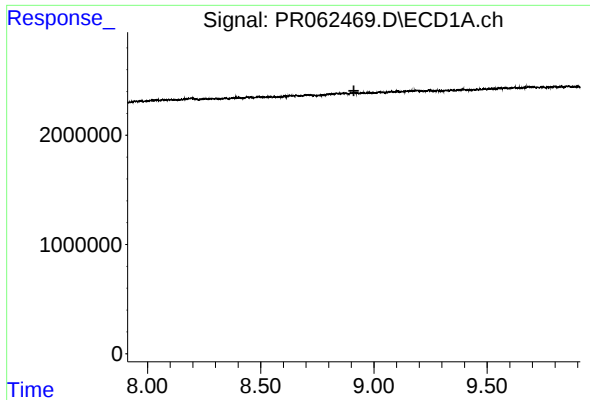
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.283 min
Response: 0
Conc: N.D.



#39 AR-1262-4

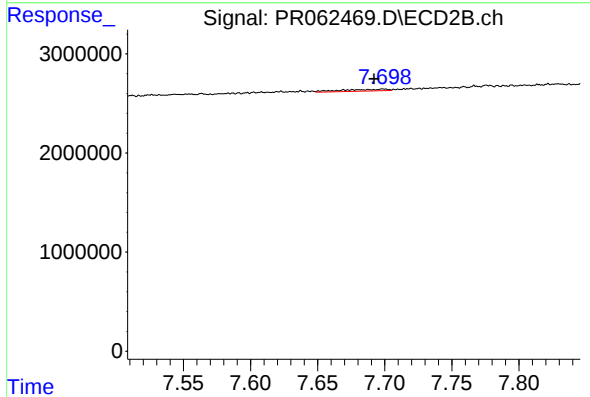
R.T.: 7.153 min
Delta R.T.: -0.002 min
Response: 319746
Conc: 0.80 ng/ml



#40 AR-1262-5

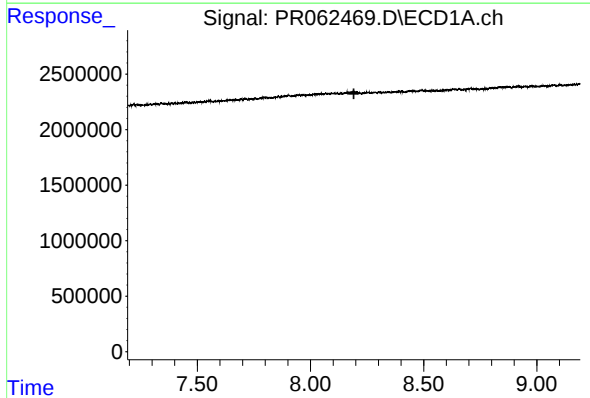
R.T.: 0.000 min
Exp R.T.: 8.911 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



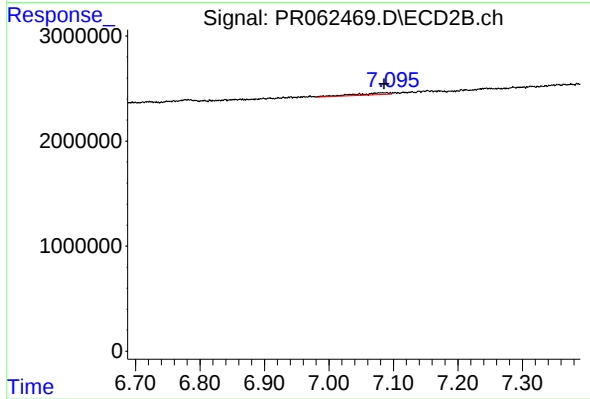
#40 AR-1262-5

R.T.: 7.699 min
Delta R.T.: 0.007 min
Response: 411911
Conc: 2.14 ng/ml



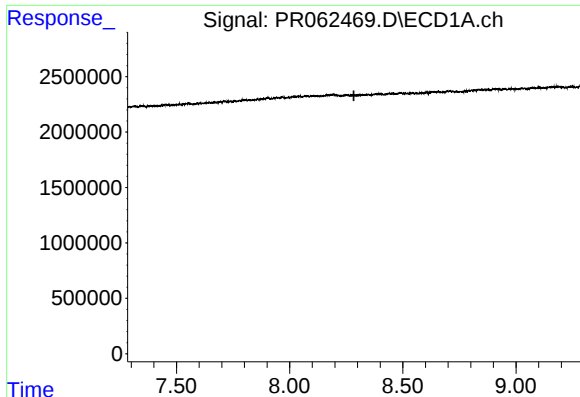
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.192 min
Response: 0
Conc: N.D.



#41 AR-1268-1

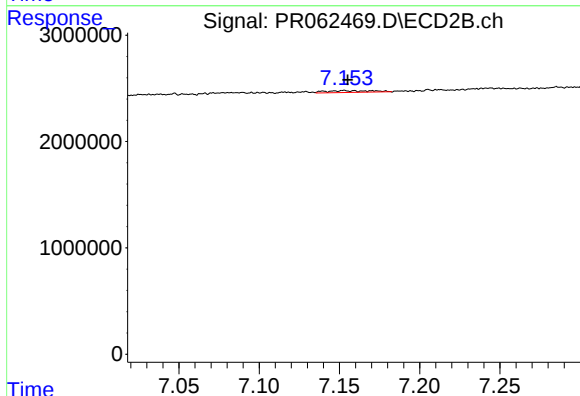
R.T.: 7.089 min
Delta R.T.: 0.004 min
Response: 694076
Conc: 1.12 ng/ml



#42 AR-1268-2

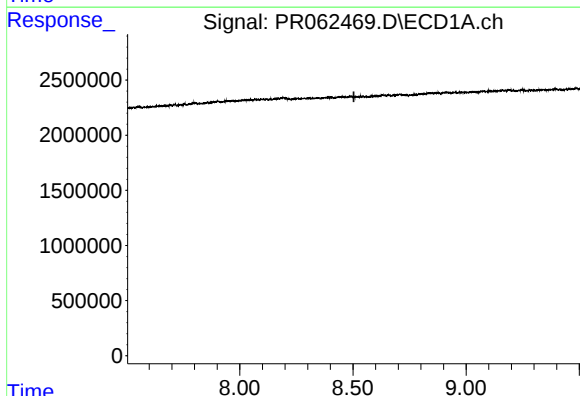
R.T.: 0.000 min
Exp R.T.: 8.284 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



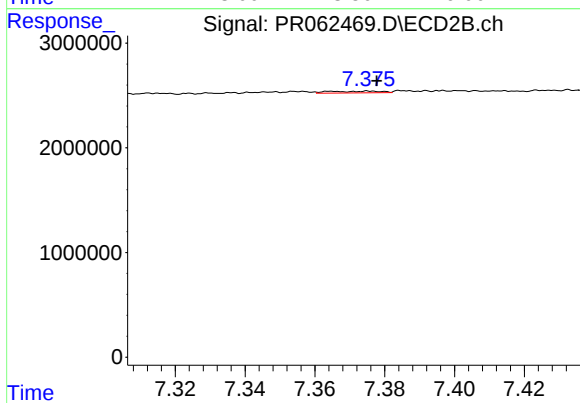
#42 AR-1268-2

R.T.: 7.153 min
Delta R.T.: -0.002 min
Response: 319746
Conc: 0.56 ng/ml



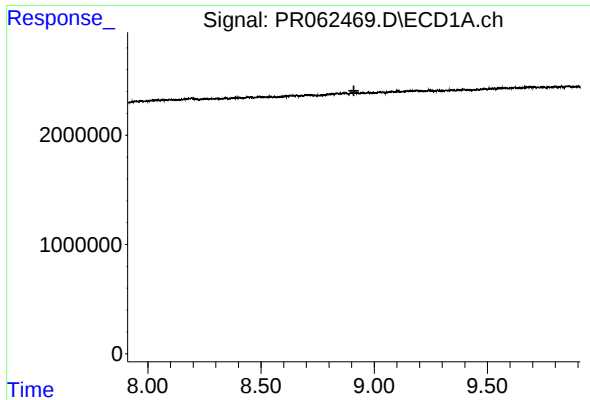
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.504 min
Response: 0
Conc: N.D.



#43 AR-1268-3

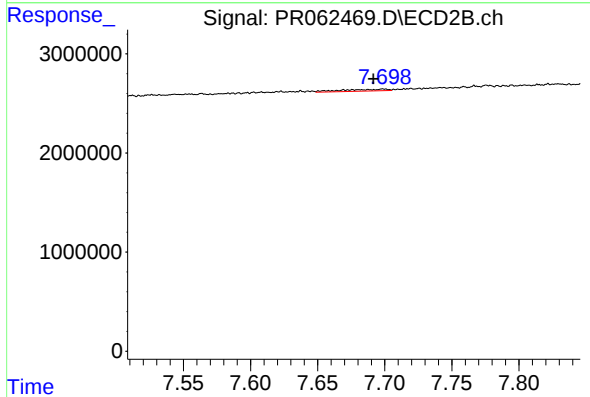
R.T.: 7.376 min
Delta R.T.: -0.002 min
Response: 169099
Conc: 0.34 ng/ml



#44 AR-1268-4

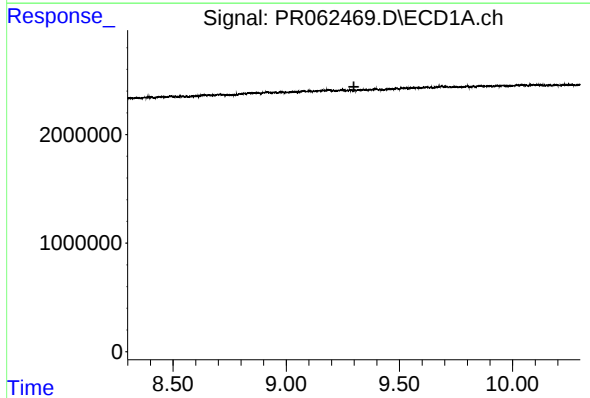
R.T.: 0.000 min
Exp R.T.: 8.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



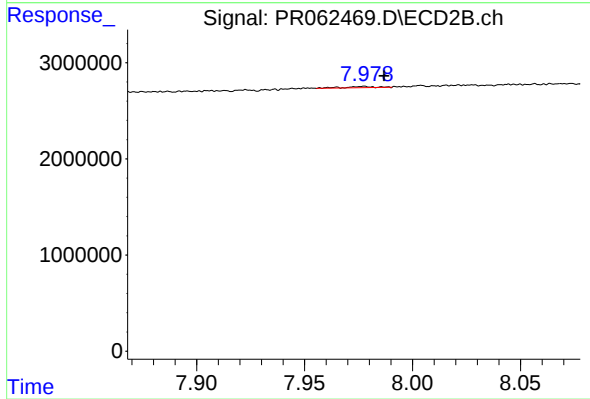
#44 AR-1268-4

R.T.: 7.699 min
Delta R.T.: 0.007 min
Response: 411911
Conc: 1.92 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.299 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 7.977 min
Delta R.T.: -0.010 min
Response: 116043
Conc: 0.07 ng/ml