

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR083023\
 Data File : PR062890.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2023 23:49
 Operator : YP\AJ
 Sample : 04166-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 00:42:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082823CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 05:38:44 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...	3.681	2.951	43513473	59427332	18.882	19.605
2)	SA Decachlor...	9.610	8.226	52509187	109.6E6	32.862	29.425
Target Compounds							
3)	L1 AR-1016-1	4.909	4.078	671612	216300	8.866	2.094 #
4)	L1 AR-1016-2	4.937	4.078	416384	216300	3.763	1.473 #
5)	L1 AR-1016-3	4.970	4.276	386885	177127	5.571	2.214 #
6)	L1 AR-1016-4	0.000	4.331	0	114690	N.D.	1.771 #
7)	L1 AR-1016-5	0.000	4.536	0	187508	N.D.	2.220 #
8)	L2 AR-1221-1	0.000	3.200	0	103553	N.D.	2.708 #
9)	L2 AR-1221-2	3.995	3.257	810835	740857	41.490	26.765 #
10)	L2 AR-1221-3	4.039	3.339	200126	488988	3.004	5.403 #
11)	L3 AR-1232-1	4.039	3.339	200126	488988	3.627	6.445 #
12)	L3 AR-1232-2	4.645	4.078	671133	216300	25.416	3.170 #
13)	L3 AR-1232-3	4.937	4.276	416384	177127	8.200	4.890 #
14)	L3 AR-1232-4	0.000	4.365	0	176390	N.D.	5.299 #
15)	L3 AR-1232-5	0.000	4.536	0	187508	N.D.	5.048 #
16)	L4 AR-1242-1	4.909	4.070	671612	156769	9.606	1.618 #
17)	L4 AR-1242-2	4.937	4.078	416384	216300	4.174	1.588 #
18)	L4 AR-1242-3	4.970	4.276	386885	177127	6.183	2.391 #
19)	L4 AR-1242-4	0.000	4.365	0	176390	N.D.	2.391 #
20)	L4 AR-1242-5	5.892	4.936	479010	1318450	9.407	14.059 #
21)	L5 AR-1248-1	4.909	4.078	671612	216300	13.205	3.015 #
22)	L5 AR-1248-2	0.000	4.331	0	114690	N.D.	1.115 #
23)	L5 AR-1248-3	0.000	4.365	0	176390	N.D.	1.674 #
24)	L5 AR-1248-4	5.823	4.536	1027669	187508	11.892	1.482 #
25)	L5 AR-1248-5	5.892	4.961	479010	419649	5.704	3.315 #
26)	L6 AR-1254-1	5.823	4.936	1027669	1318450	11.402	7.043 #
27)	L6 AR-1254-2	0.000	5.100	0	224001	N.D.	1.350 #
28)	L6 AR-1254-3	6.441	5.496	449015	595540	3.199	2.193 #
29)	L6 AR-1254-4	0.000	5.746	0	647844	N.D.	3.727 #
30)	L6 AR-1254-5	0.000	6.187	0	217221	N.D.	0.851 #
31)	L7 AR-1260-1	0.000	5.645	0	175276	N.D.	0.942 #
32)	L7 AR-1260-2	0.000	5.862	0	1178850	N.D.	5.234 #
33)	L7 AR-1260-3	0.000	6.003	0	406566	N.D.	1.830 #
34)	L7 AR-1260-4	0.000	6.513	0	728116	N.D.	3.903 #
35)	L7 AR-1260-5	0.000	6.771	0	789047	N.D.	1.804 #
36)	L8 AR-1262-1	0.000	6.236	0	138598	N.D.	0.527 #
37)	L8 AR-1262-2	0.000	6.771	0	789047	N.D.	1.620 #
38)	L8 AR-1262-3	0.000	7.080	0	530486	N.D.	2.688 #
39)	L8 AR-1262-4	0.000	7.144	0	215500	N.D.	0.579 #
40)	L8 AR-1262-5	0.000	7.627f	0	35662	N.D.	0.198 #
41)	L9 AR-1268-1	0.000	7.080	0	530486	N.D.	0.911 #

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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
42) L9	AR-1268-2	0.000	7.144	0	215500	N.D.	0.402 #
43) L9	AR-1268-3	0.000	7.371	0	386792	N.D.	0.819 #
44) L9	AR-1268-4	0.000	7.627f	0	35662	N.D.	0.176 #
45) L9	AR-1268-5	0.000	7.980	0	752405	N.D.	0.512 #

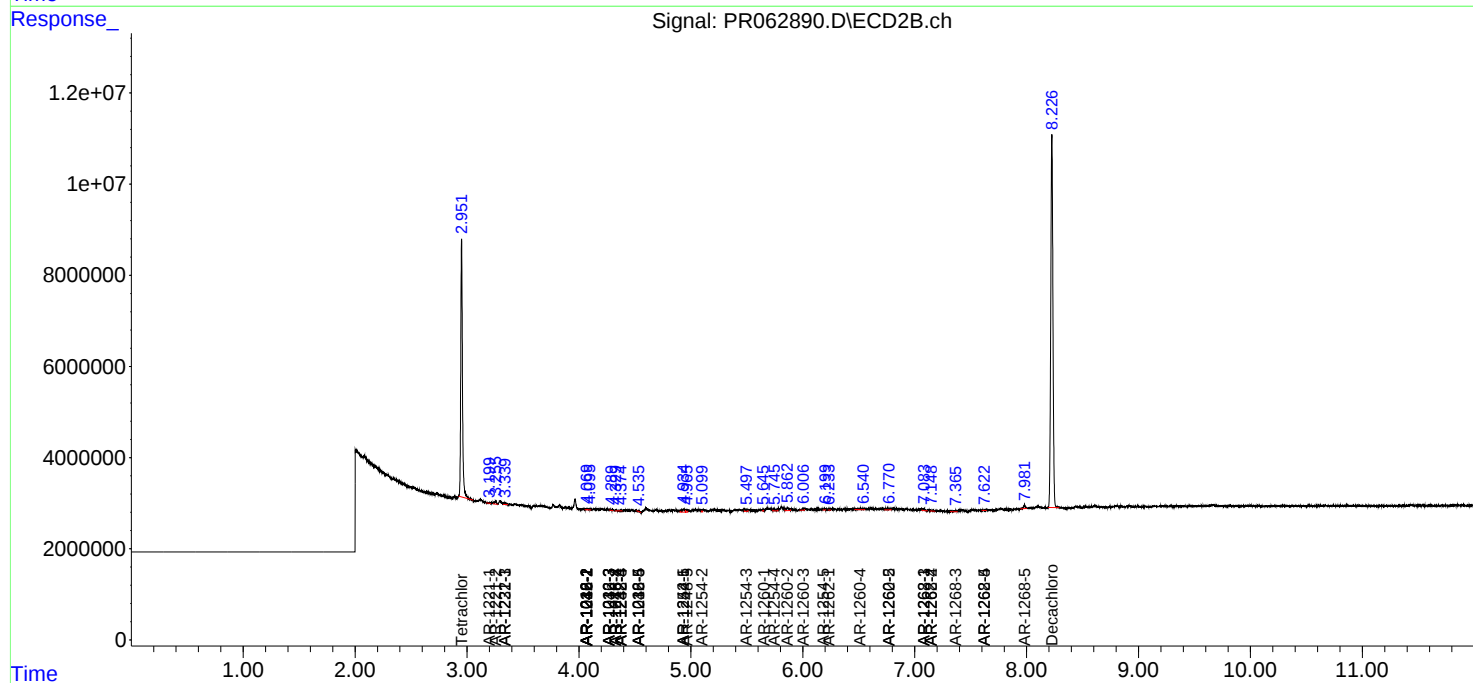
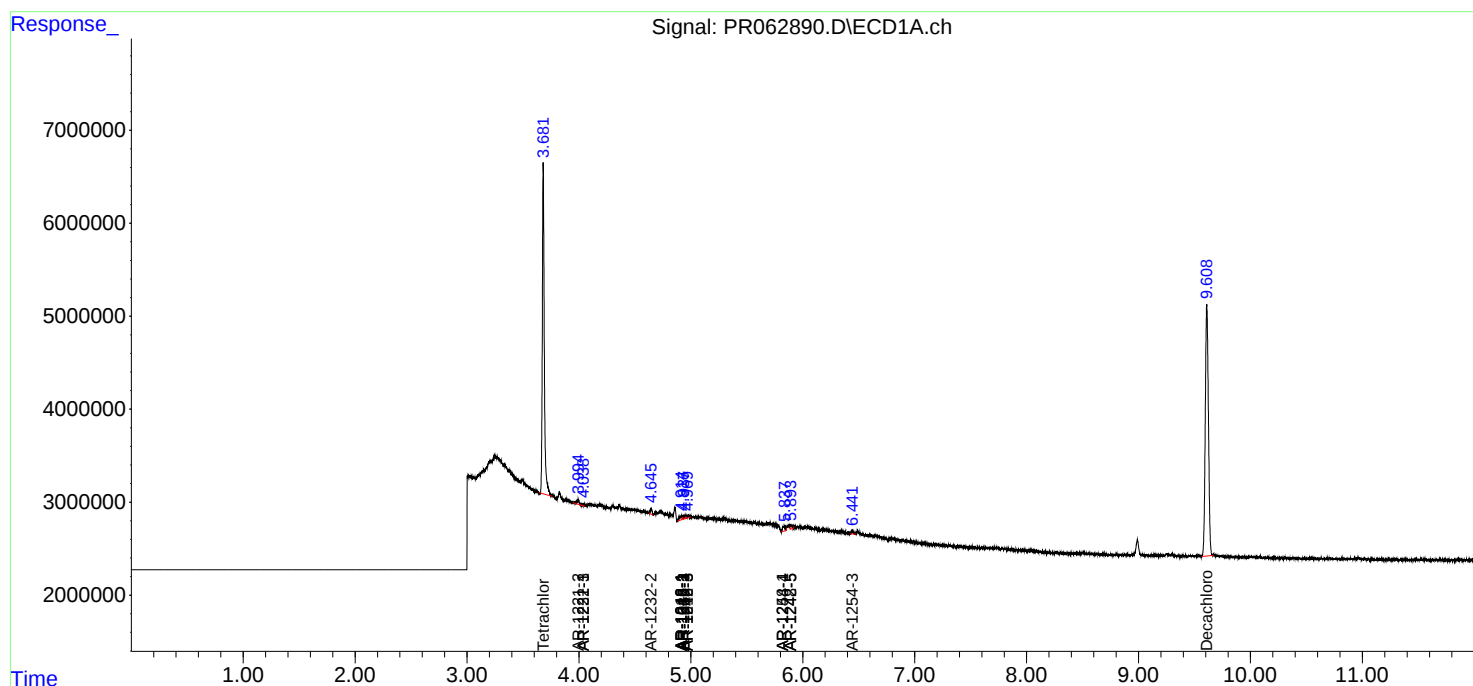
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

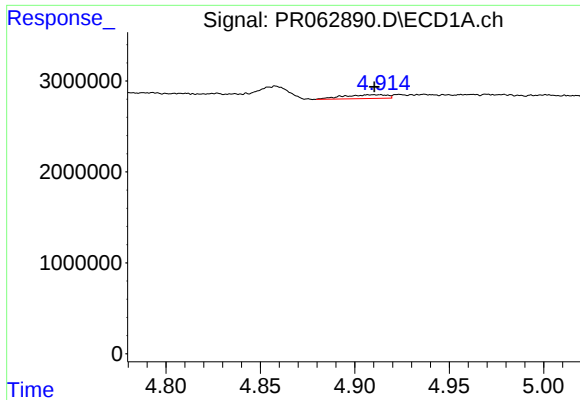
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR083023\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

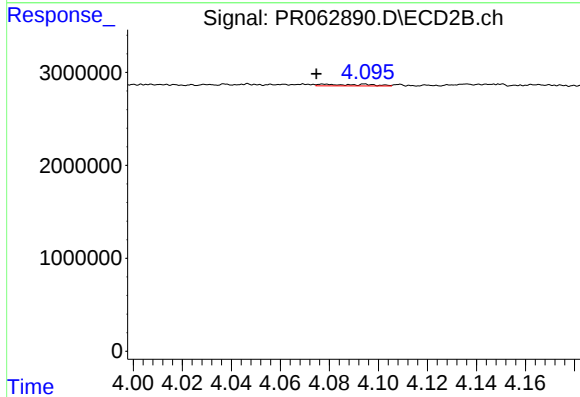




#3 AR-1016-1

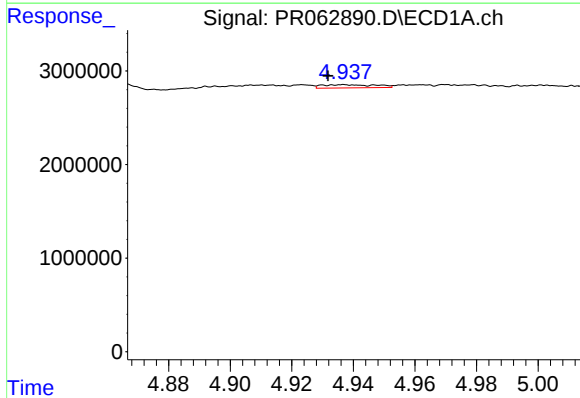
R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 671612
Conc: 8.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



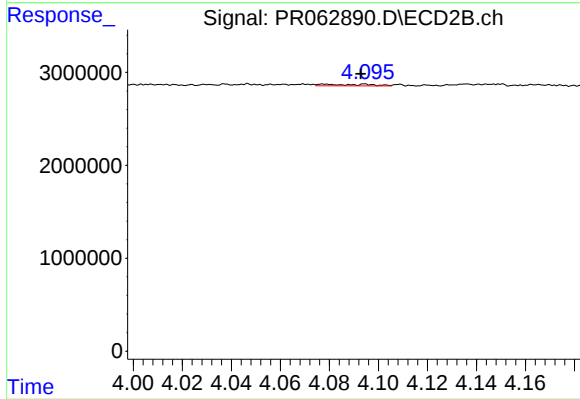
#3 AR-1016-1

R.T.: 4.078 min
Delta R.T.: 0.003 min
Response: 216300
Conc: 2.09 ng/ml



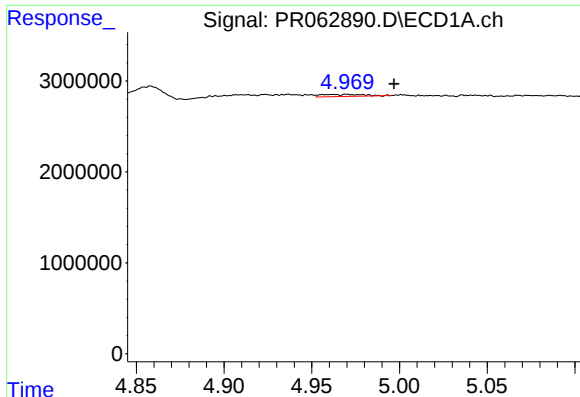
#4 AR-1016-2

R.T.: 4.937 min
Delta R.T.: 0.005 min
Response: 416384
Conc: 3.76 ng/ml



#4 AR-1016-2

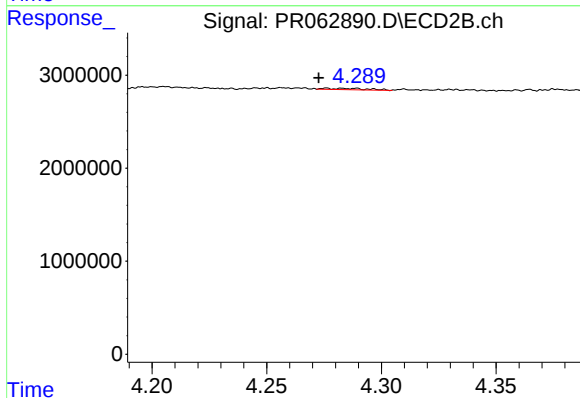
R.T.: 4.078 min
Delta R.T.: -0.015 min
Response: 216300
Conc: 1.47 ng/ml



#5 AR-1016-3

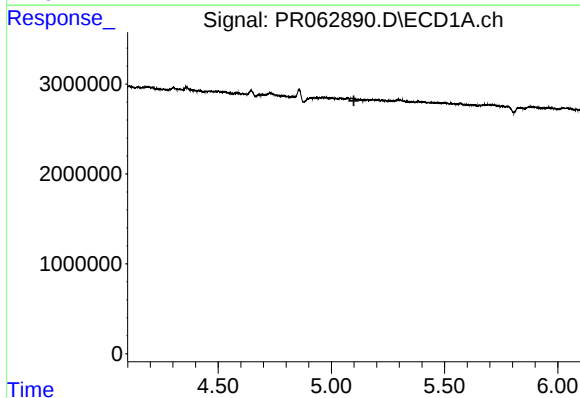
R.T.: 4.970 min
Delta R.T.: -0.027 min
Response: 386885
Conc: 5.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



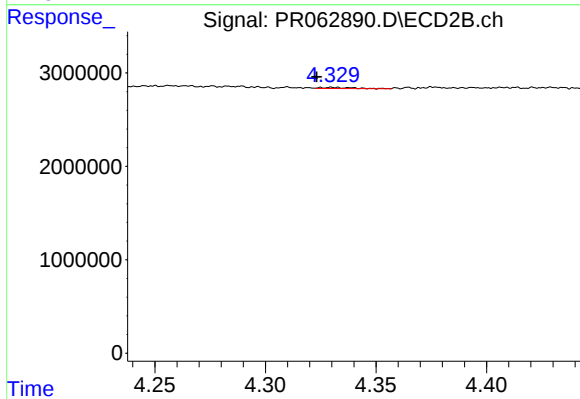
#5 AR-1016-3

R.T.: 4.276 min
Delta R.T.: 0.003 min
Response: 177127
Conc: 2.21 ng/ml



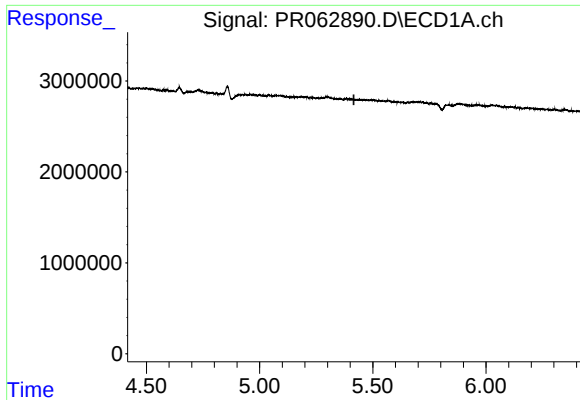
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.100 min
Response: 0
Conc: N.D.



#6 AR-1016-4

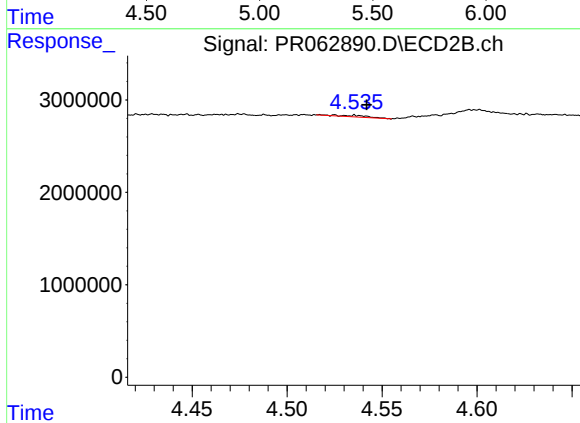
R.T.: 4.331 min
Delta R.T.: 0.007 min
Response: 114690
Conc: 1.77 ng/ml



#7 AR-1016-5

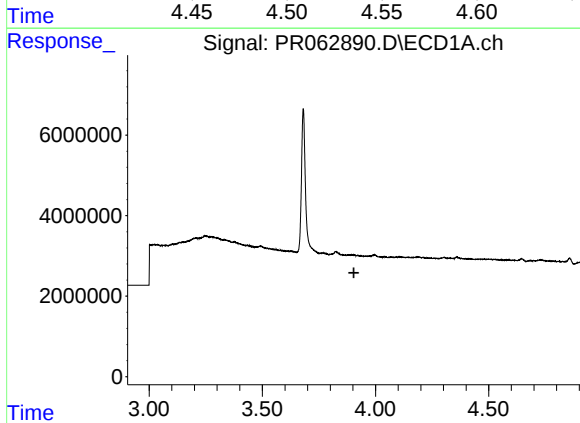
R.T.: 0.000 min
Exp R.T. : 5.416 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



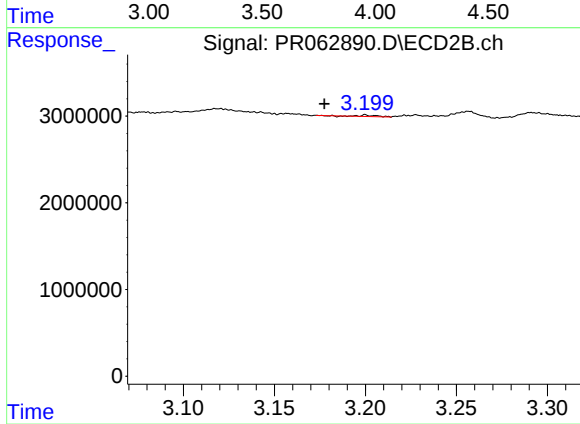
#7 AR-1016-5

R.T.: 4.536 min
Delta R.T.: -0.006 min
Response: 187508
Conc: 2.22 ng/ml



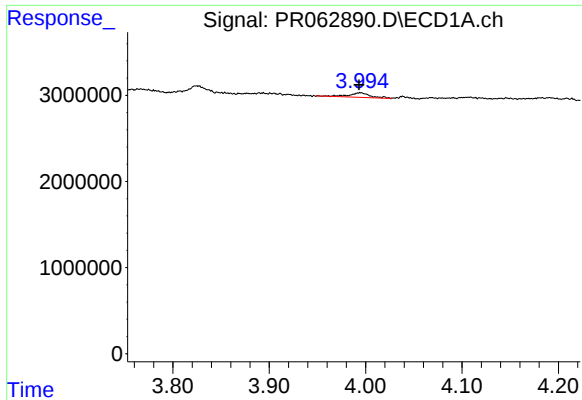
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.905 min
Response: 0
Conc: N.D.



#8 AR-1221-1

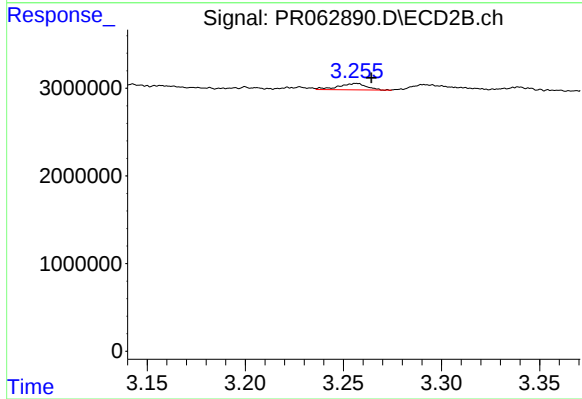
R.T.: 3.200 min
Delta R.T.: 0.023 min
Response: 103553
Conc: 2.71 ng/ml



#9 AR-1221-2

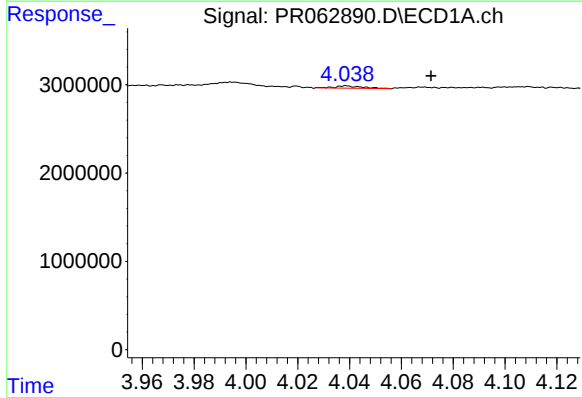
R.T.: 3.995 min
Delta R.T.: 0.001 min
Response: 810835
Conc: 41.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



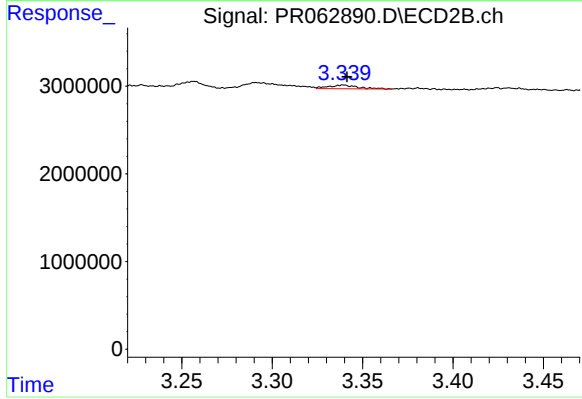
#9 AR-1221-2

R.T.: 3.257 min
Delta R.T.: -0.008 min
Response: 740857
Conc: 26.76 ng/ml



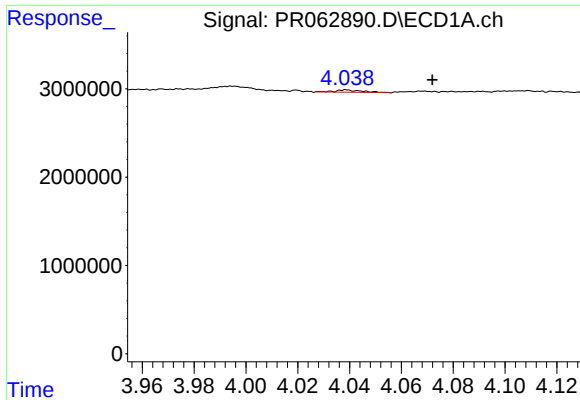
#10 AR-1221-3

R.T.: 4.039 min
Delta R.T.: -0.033 min
Response: 200126
Conc: 3.00 ng/ml



#10 AR-1221-3

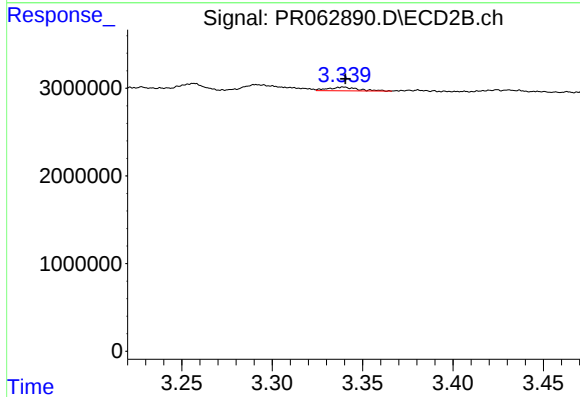
R.T.: 3.339 min
Delta R.T.: -0.002 min
Response: 488988
Conc: 5.40 ng/ml



#11 AR-1232-1

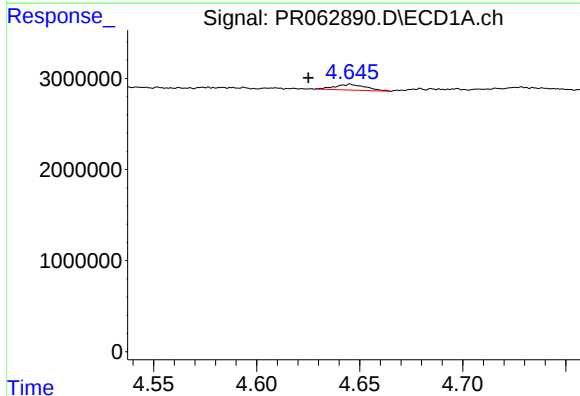
R.T.: 4.039 min
Delta R.T.: -0.033 min
Response: 200126
Conc: 3.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



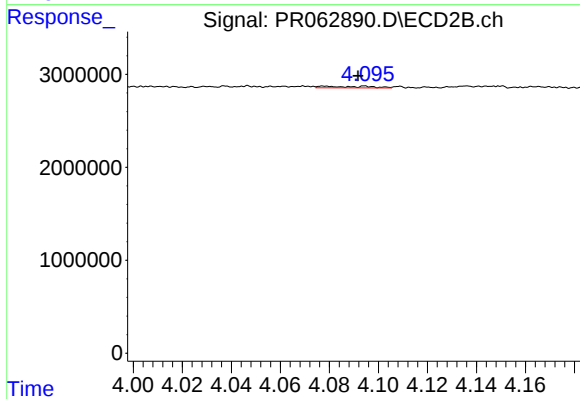
#11 AR-1232-1

R.T.: 3.339 min
Delta R.T.: -0.001 min
Response: 488988
Conc: 6.45 ng/ml



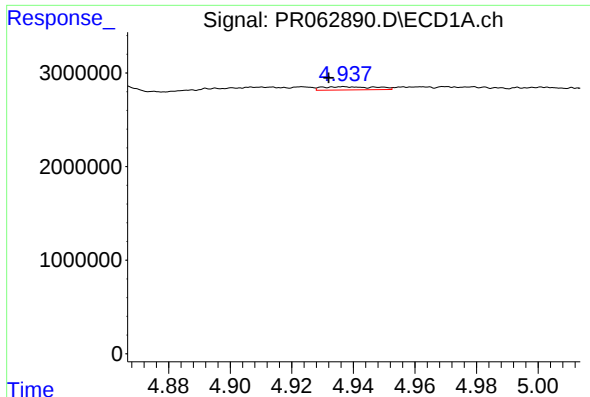
#12 AR-1232-2

R.T.: 4.645 min
Delta R.T.: 0.020 min
Response: 671133
Conc: 25.42 ng/ml



#12 AR-1232-2

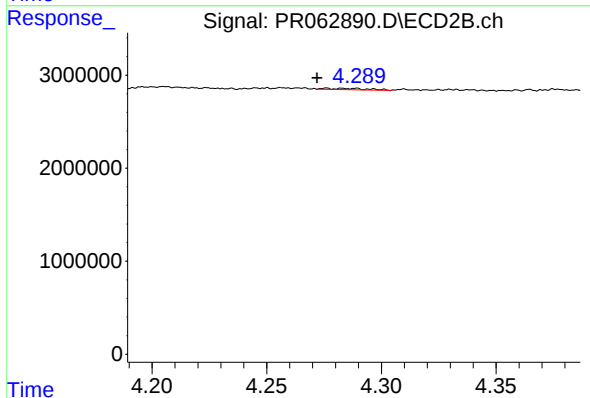
R.T.: 4.078 min
Delta R.T.: -0.014 min
Response: 216300
Conc: 3.17 ng/ml



#13 AR-1232-3

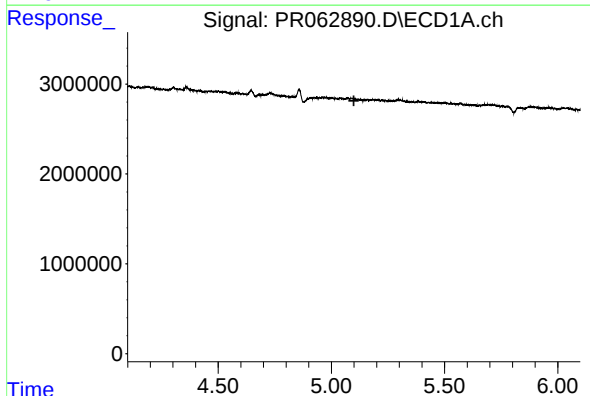
R.T.: 4.937 min
Delta R.T.: 0.005 min
Response: 416384
Conc: 8.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



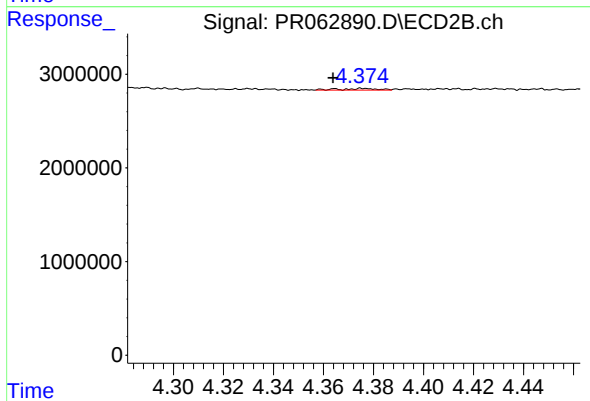
#13 AR-1232-3

R.T.: 4.276 min
Delta R.T.: 0.004 min
Response: 177127
Conc: 4.89 ng/ml



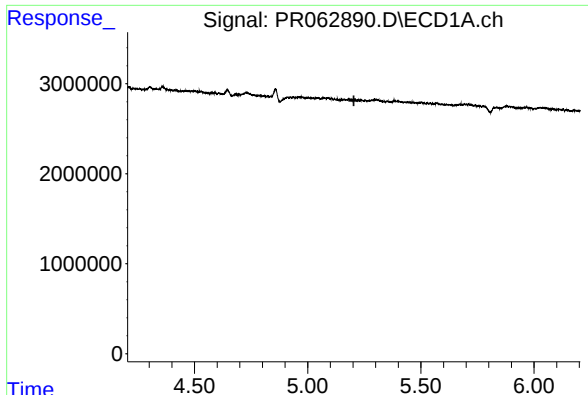
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.



#14 AR-1232-4

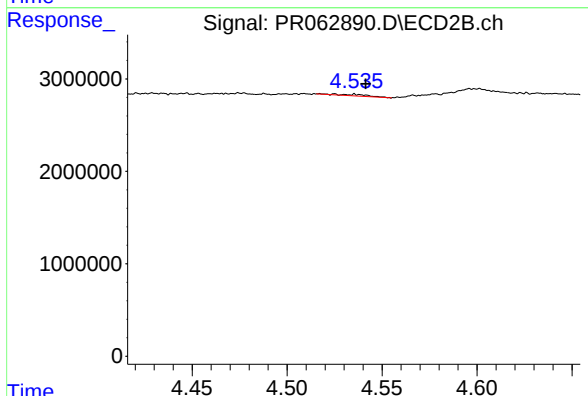
R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 176390
Conc: 5.30 ng/ml



#15 AR-1232-5

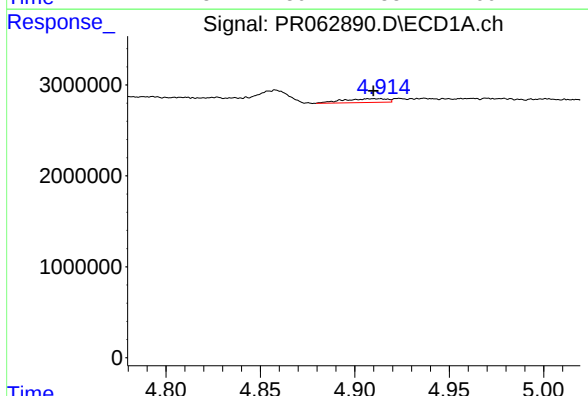
R.T.: 0.000 min
Exp R.T.: 5.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



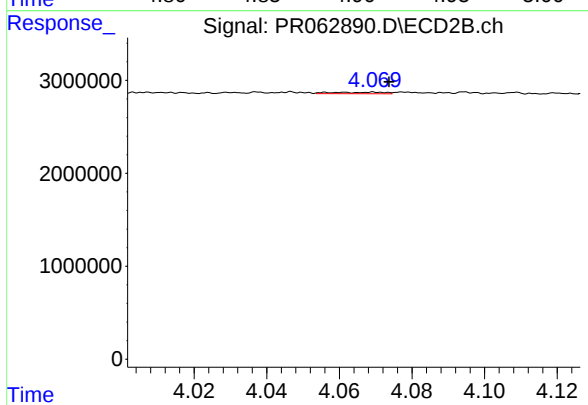
#15 AR-1232-5

R.T.: 4.536 min
Delta R.T.: -0.006 min
Response: 187508
Conc: 5.05 ng/ml



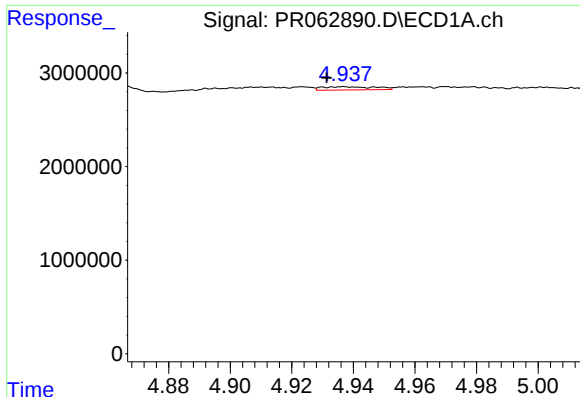
#16 AR-1242-1

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 671612
Conc: 9.61 ng/ml



#16 AR-1242-1

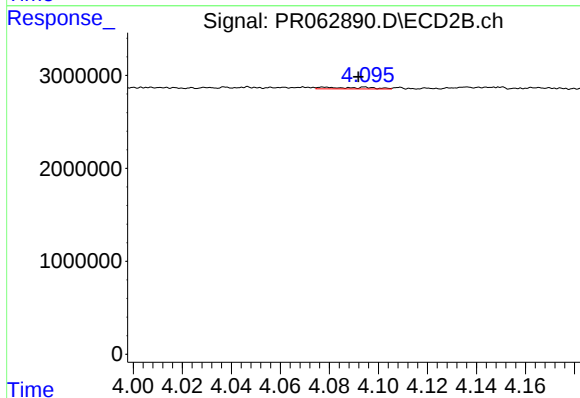
R.T.: 4.070 min
Delta R.T.: -0.004 min
Response: 156769
Conc: 1.62 ng/ml



#17 AR-1242-2

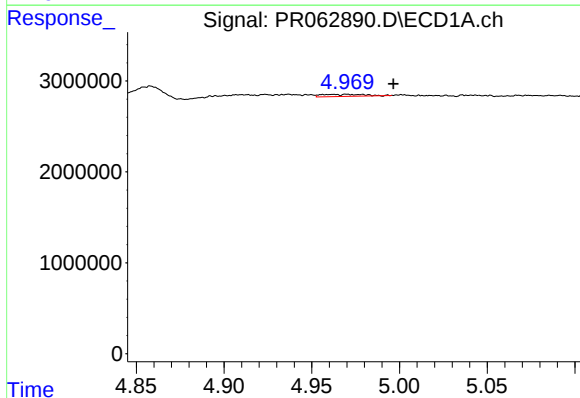
R.T.: 4.937 min
Delta R.T.: 0.005 min
Response: 416384
Conc: 4.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



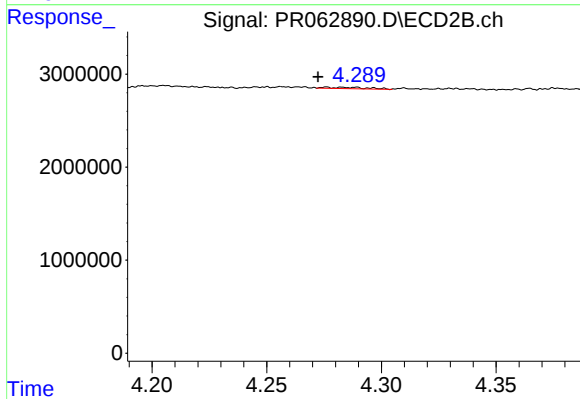
#17 AR-1242-2

R.T.: 4.078 min
Delta R.T.: -0.014 min
Response: 216300
Conc: 1.59 ng/ml



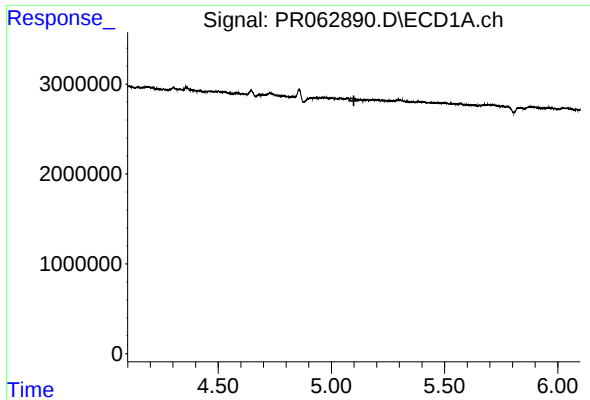
#18 AR-1242-3

R.T.: 4.970 min
Delta R.T.: -0.026 min
Response: 386885
Conc: 6.18 ng/ml



#18 AR-1242-3

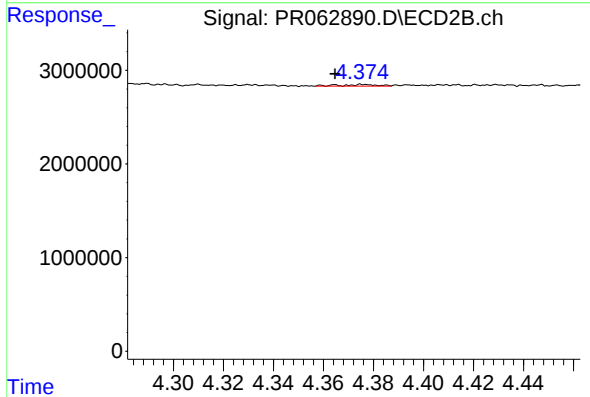
R.T.: 4.276 min
Delta R.T.: 0.004 min
Response: 177127
Conc: 2.39 ng/ml



#19 AR-1242-4

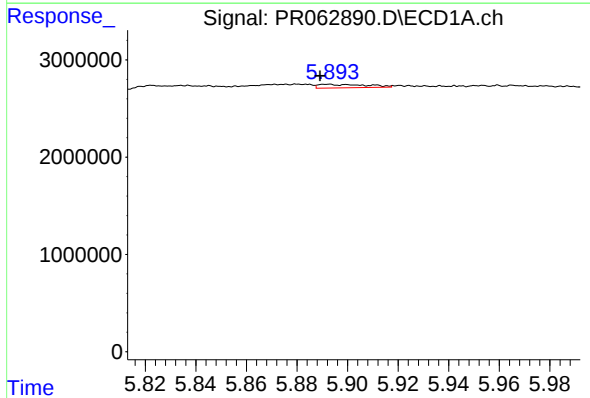
R.T.: 0.000 min
Exp R.T.: 5.100 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



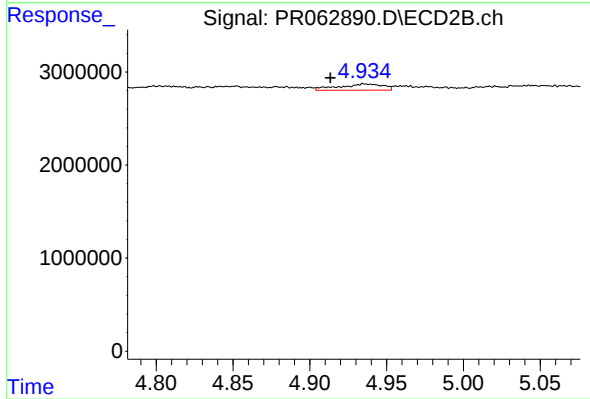
#19 AR-1242-4

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 176390
Conc: 2.39 ng/ml



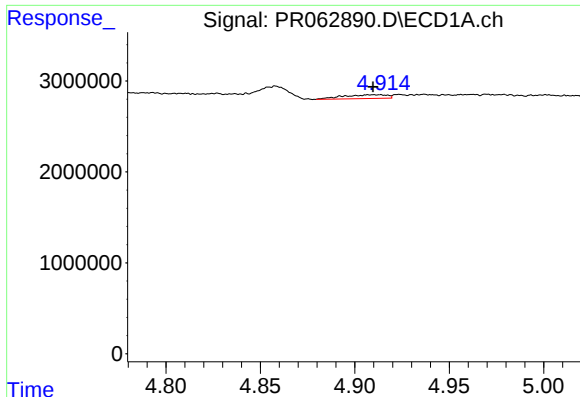
#20 AR-1242-5

R.T.: 5.892 min
Delta R.T.: 0.003 min
Response: 479010
Conc: 9.41 ng/ml



#20 AR-1242-5

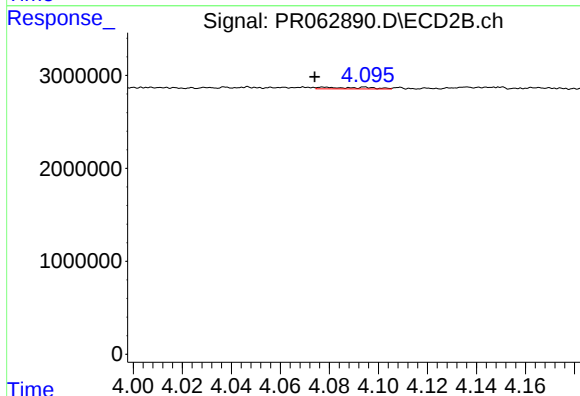
R.T.: 4.936 min
Delta R.T.: 0.022 min
Response: 1318450
Conc: 14.06 ng/ml



#21 AR-1248-1

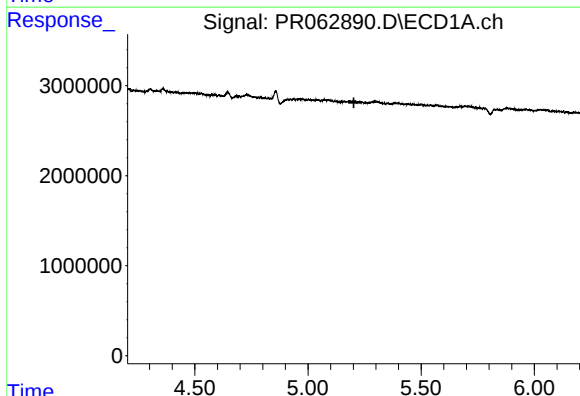
R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 671612
Conc: 13.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



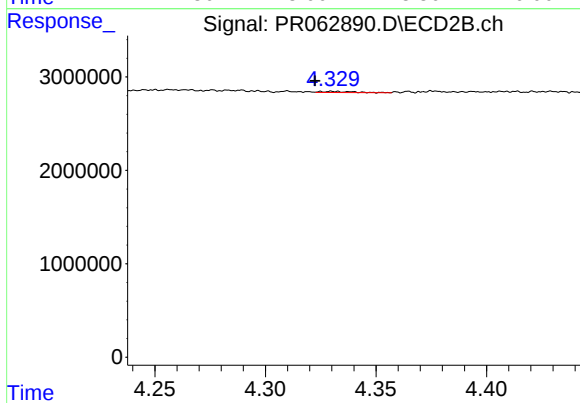
#21 AR-1248-1

R.T.: 4.078 min
Delta R.T.: 0.004 min
Response: 216300
Conc: 3.01 ng/ml



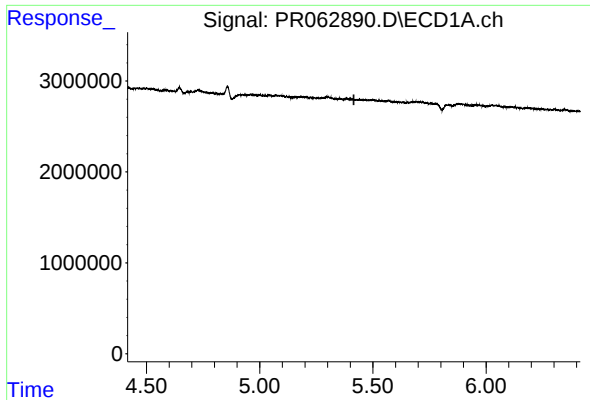
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.203 min
Response: 0
Conc: N.D.



#22 AR-1248-2

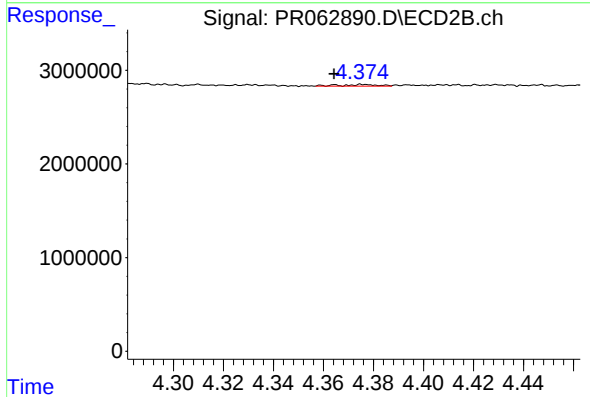
R.T.: 4.331 min
Delta R.T.: 0.008 min
Response: 114690
Conc: 1.11 ng/ml



#23 AR-1248-3

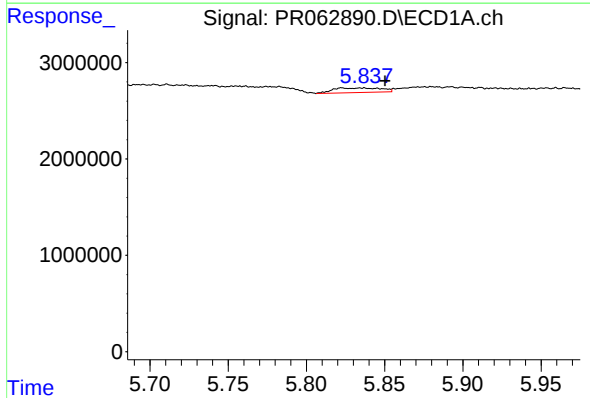
R.T.: 0.000 min
Exp R.T.: 5.416 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



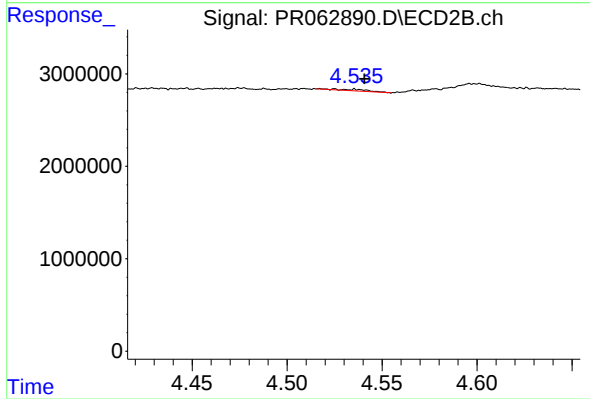
#23 AR-1248-3

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 176390
Conc: 1.67 ng/ml



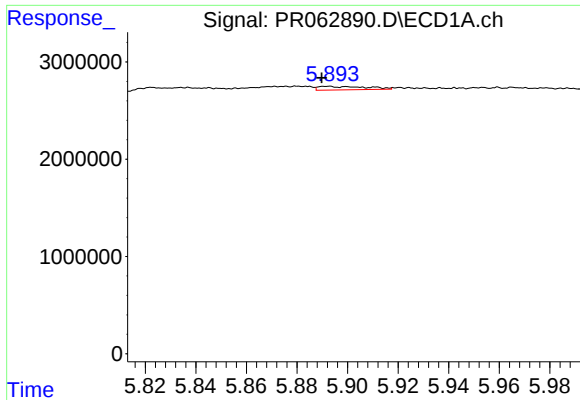
#24 AR-1248-4

R.T.: 5.823 min
Delta R.T.: -0.027 min
Response: 1027669
Conc: 11.89 ng/ml



#24 AR-1248-4

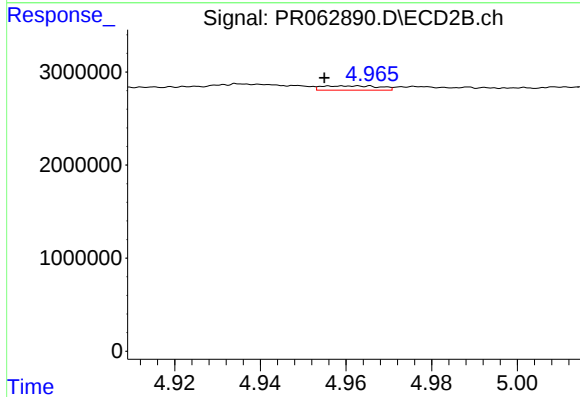
R.T.: 4.536 min
Delta R.T.: -0.005 min
Response: 187508
Conc: 1.48 ng/ml



#25 AR-1248-5

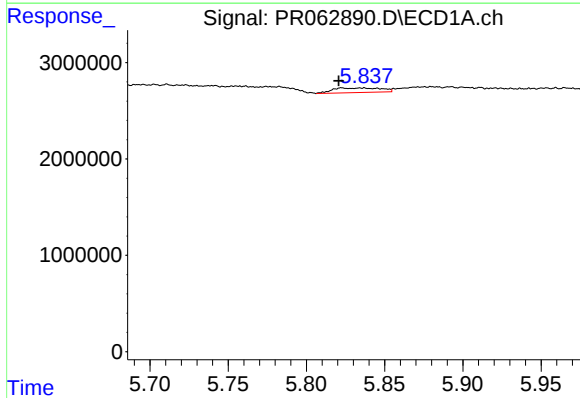
R.T.: 5.892 min
Delta R.T.: 0.002 min
Response: 479010
Conc: 5.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



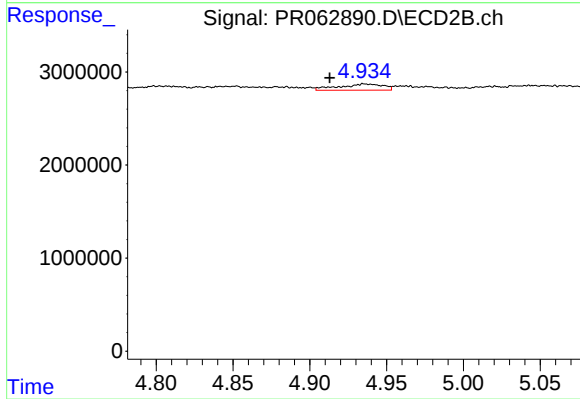
#25 AR-1248-5

R.T.: 4.961 min
Delta R.T.: 0.006 min
Response: 419649
Conc: 3.31 ng/ml



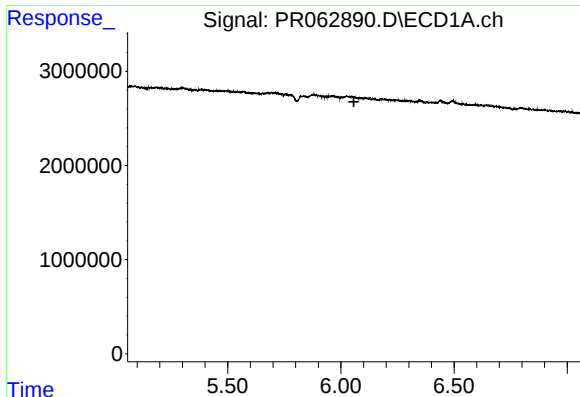
#26 AR-1254-1

R.T.: 5.823 min
Delta R.T.: 0.002 min
Response: 1027669
Conc: 11.40 ng/ml



#26 AR-1254-1

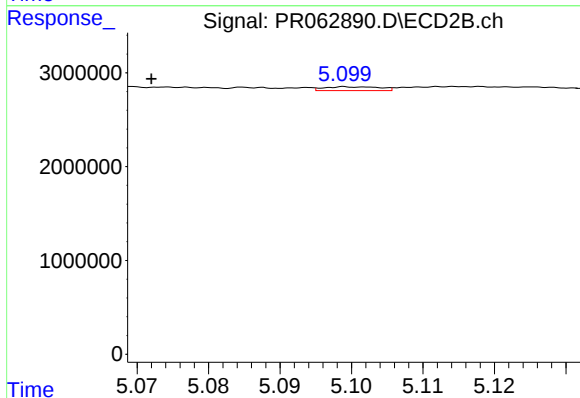
R.T.: 4.936 min
Delta R.T.: 0.023 min
Response: 1318450
Conc: 7.04 ng/ml



#27 AR-1254-2

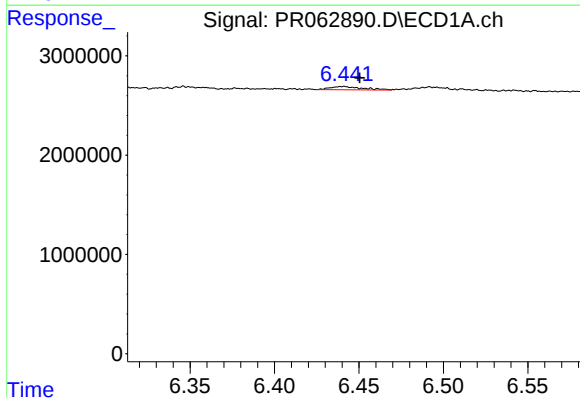
R.T.: 0.000 min
Exp R.T.: 6.058 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



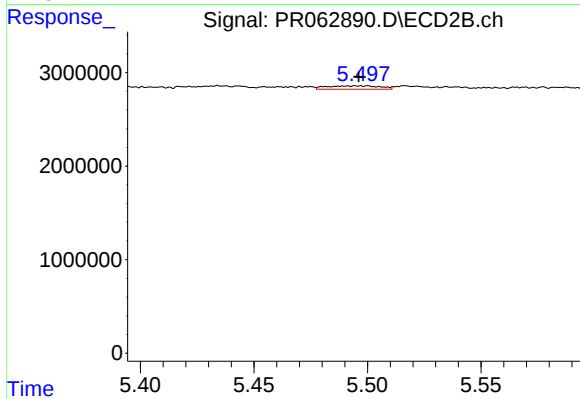
#27 AR-1254-2

R.T.: 5.100 min
Delta R.T.: 0.028 min
Response: 224001
Conc: 1.35 ng/ml



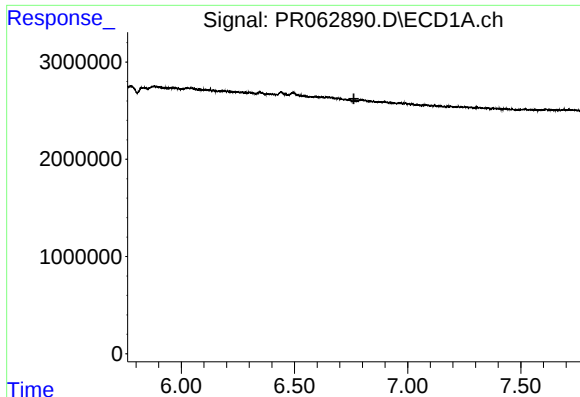
#28 AR-1254-3

R.T.: 6.441 min
Delta R.T.: -0.010 min
Response: 449015
Conc: 3.20 ng/ml



#28 AR-1254-3

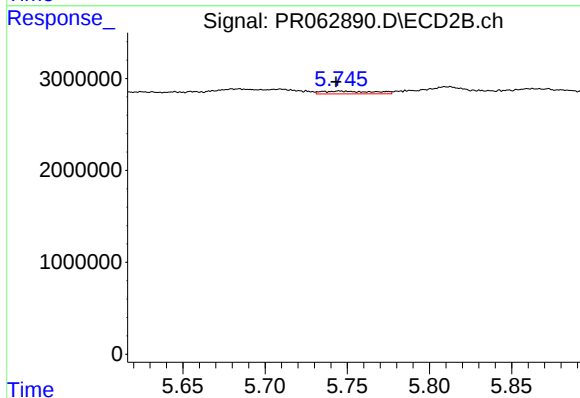
R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 595540
Conc: 2.19 ng/ml



#29 AR-1254-4

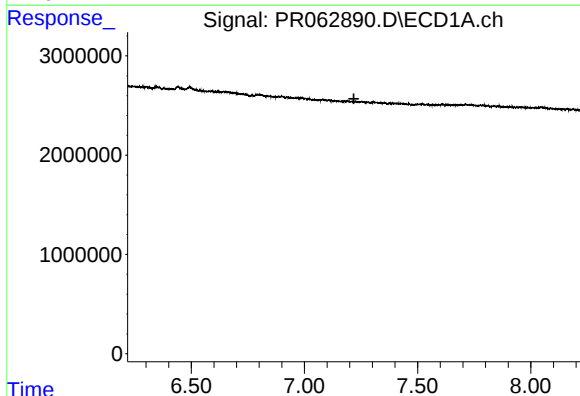
R.T.: 0.000 min
Exp R.T.: 6.762 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



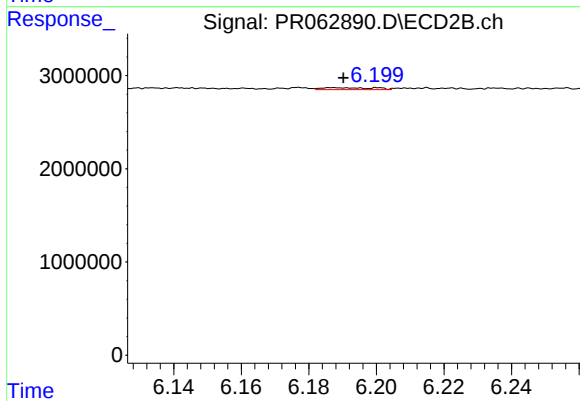
#29 AR-1254-4

R.T.: 5.746 min
Delta R.T.: 0.002 min
Response: 647844
Conc: 3.73 ng/ml



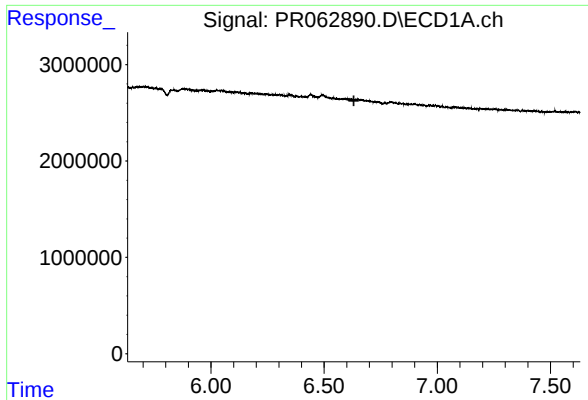
#30 AR-1254-5

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



#30 AR-1254-5

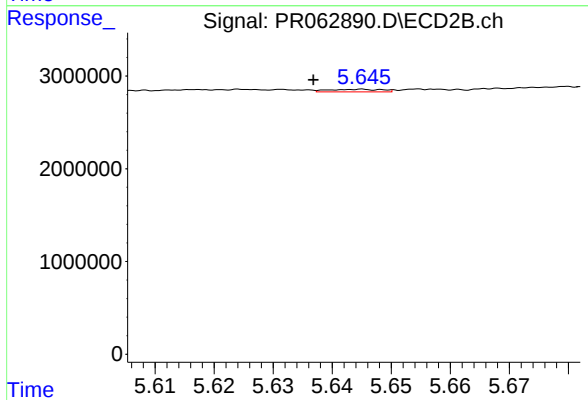
R.T.: 6.187 min
Delta R.T.: -0.003 min
Response: 217221
Conc: 0.85 ng/ml



#31 AR-1260-1

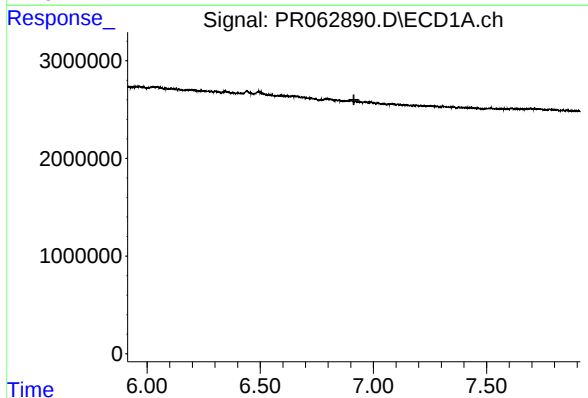
R.T.: 0.000 min
Exp R.T.: 6.631 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



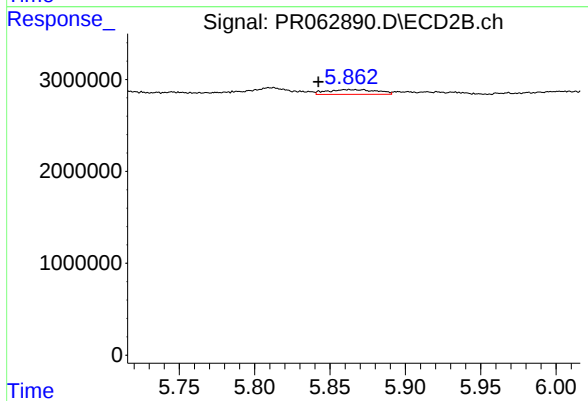
#31 AR-1260-1

R.T.: 5.645 min
Delta R.T.: 0.008 min
Response: 175276
Conc: 0.94 ng/ml



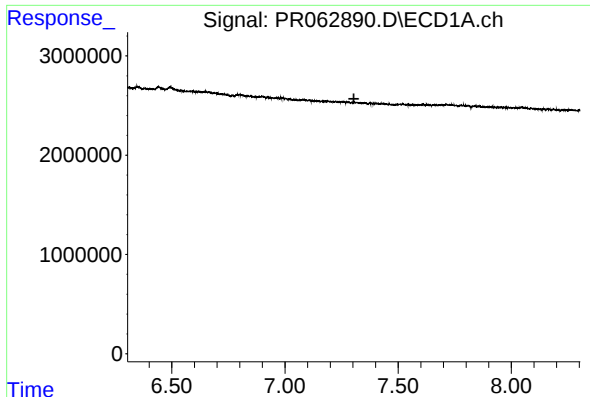
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 6.914 min
Response: 0
Conc: N.D.



#32 AR-1260-2

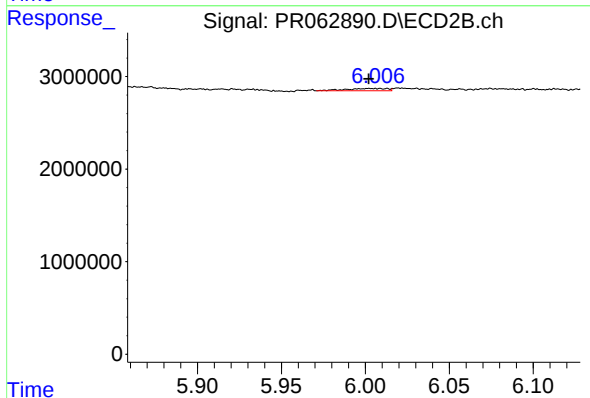
R.T.: 5.862 min
Delta R.T.: 0.019 min
Response: 1178850
Conc: 5.23 ng/ml



#33 AR-1260-3

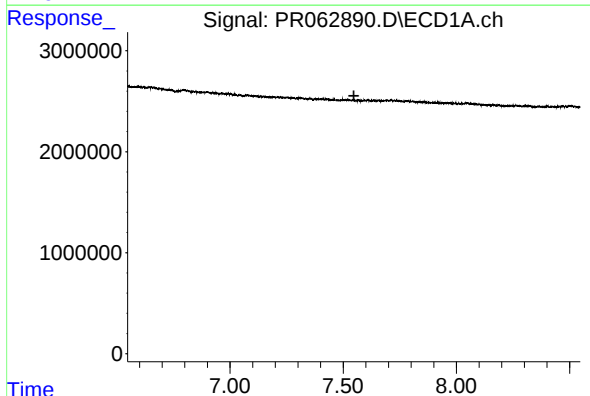
R.T.: 0.000 min
Exp R.T.: 7.304 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



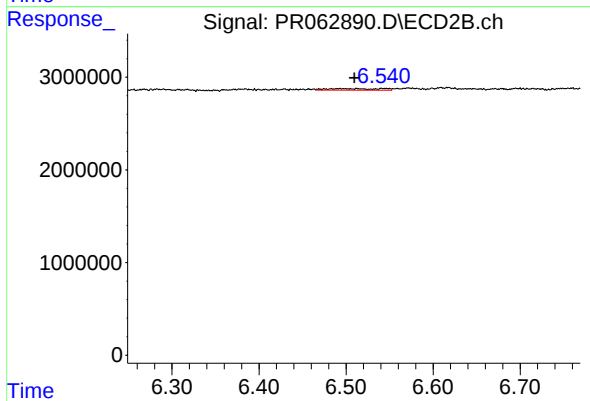
#33 AR-1260-3

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 406566
Conc: 1.83 ng/ml



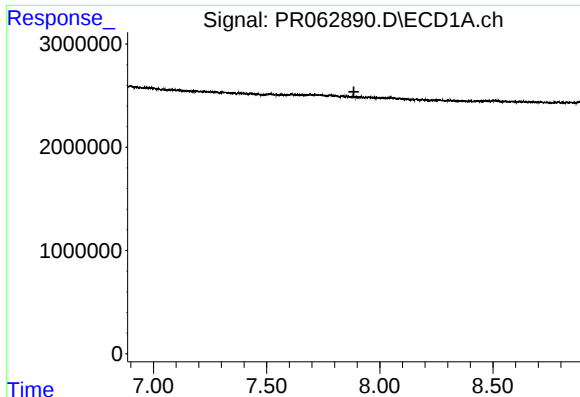
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.547 min
Response: 0
Conc: N.D.



#34 AR-1260-4

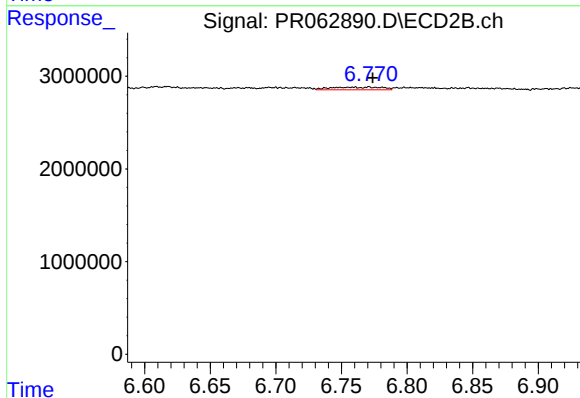
R.T.: 6.513 min
Delta R.T.: 0.003 min
Response: 728116
Conc: 3.90 ng/ml



#35 AR-1260-5

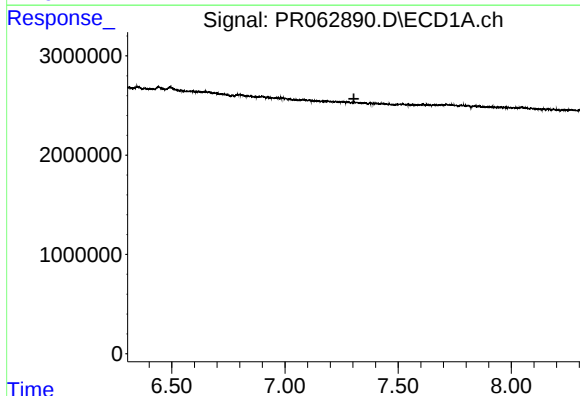
R.T.: 0.000 min
Exp R.T.: 7.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



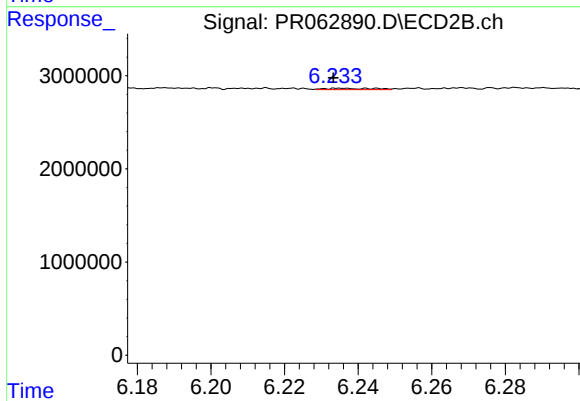
#35 AR-1260-5

R.T.: 6.771 min
Delta R.T.: -0.003 min
Response: 789047
Conc: 1.80 ng/ml



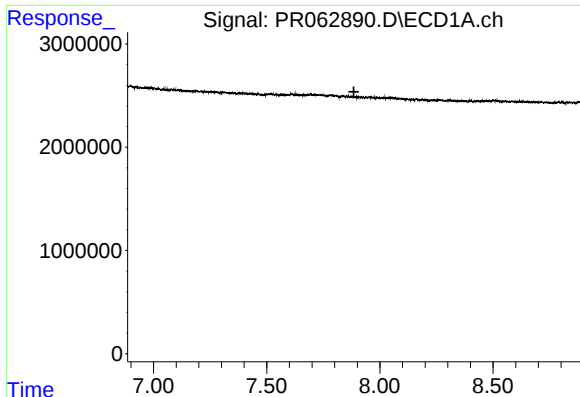
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.304 min
Response: 0
Conc: N.D.



#36 AR-1262-1

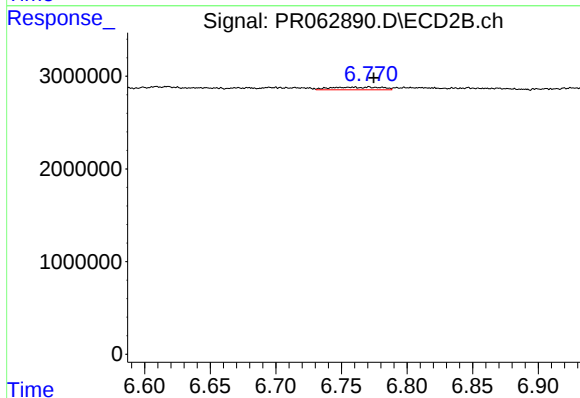
R.T.: 6.236 min
Delta R.T.: 0.002 min
Response: 138598
Conc: 0.53 ng/ml



#37 AR-1262-2

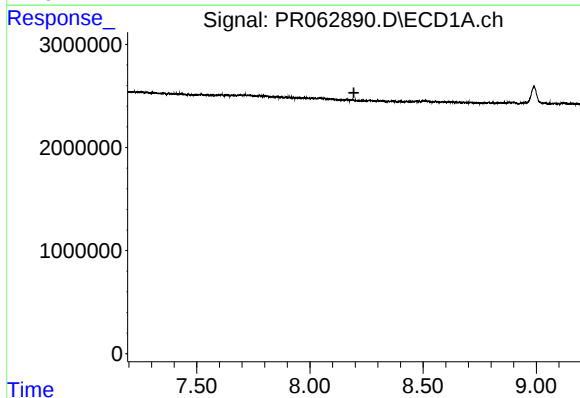
R.T.: 0.000 min
Exp R.T.: 7.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



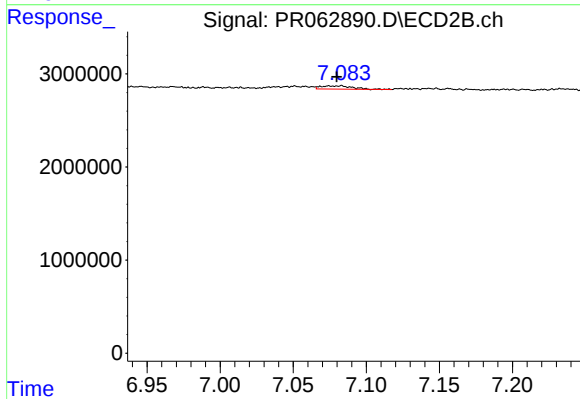
#37 AR-1262-2

R.T.: 6.771 min
Delta R.T.: -0.003 min
Response: 789047
Conc: 1.62 ng/ml



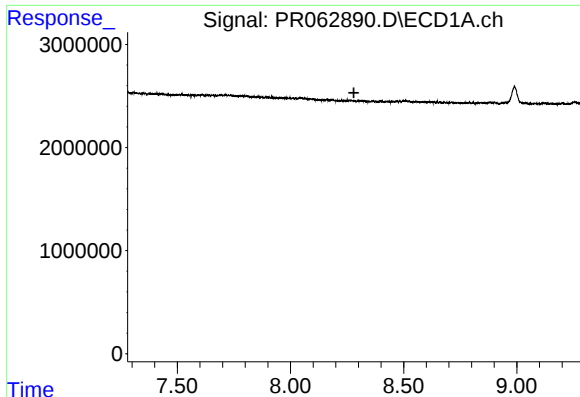
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.194 min
Response: 0
Conc: N.D.



#38 AR-1262-3

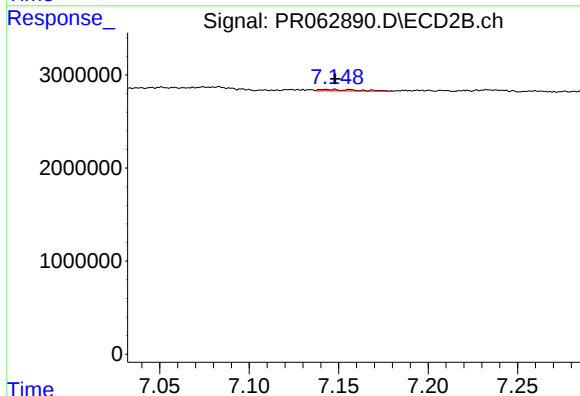
R.T.: 7.080 min
Delta R.T.: 0.000 min
Response: 530486
Conc: 2.69 ng/ml



#39 AR-1262-4

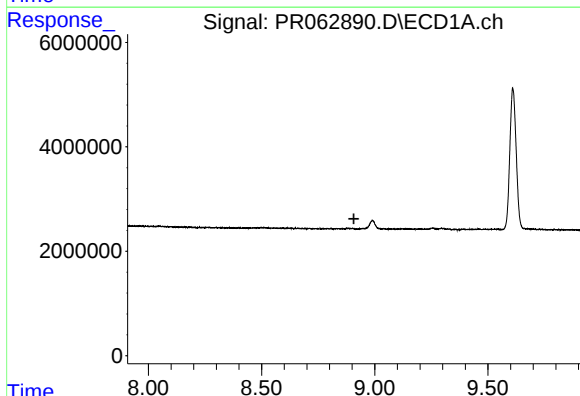
R.T.: 0.000 min
Exp R.T.: 8.280 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



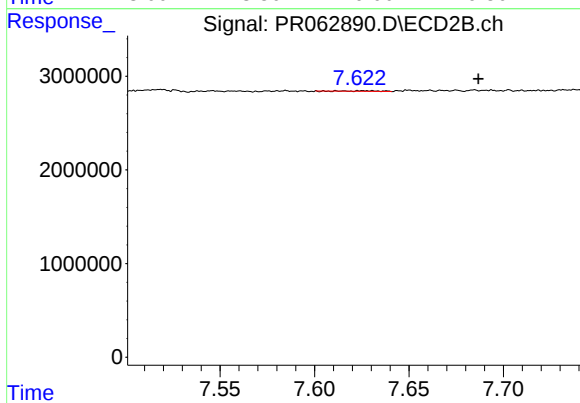
#39 AR-1262-4

R.T.: 7.144 min
Delta R.T.: -0.004 min
Response: 215500
Conc: 0.58 ng/ml



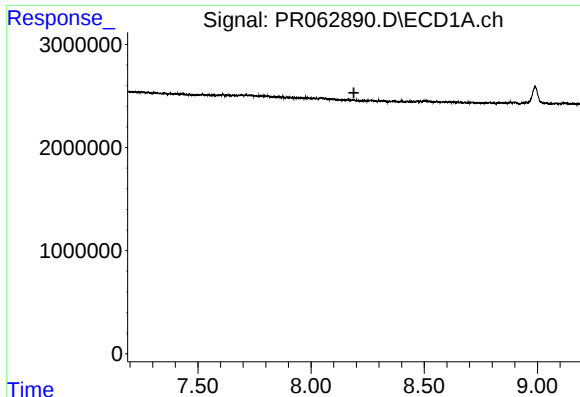
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.908 min
Response: 0
Conc: N.D.



#40 AR-1262-5

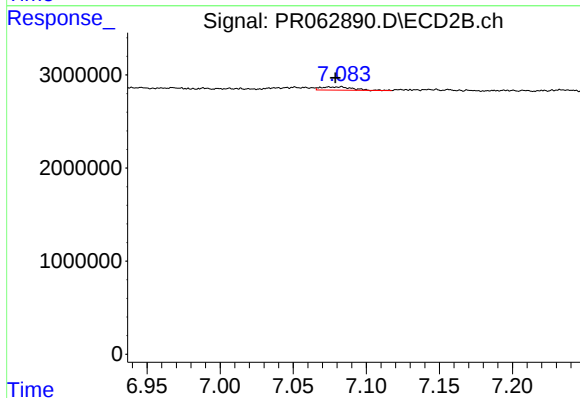
R.T.: 7.627 min
Delta R.T.: -0.060 min
Response: 35662
Conc: 0.20 ng/ml



#41 AR-1268-1

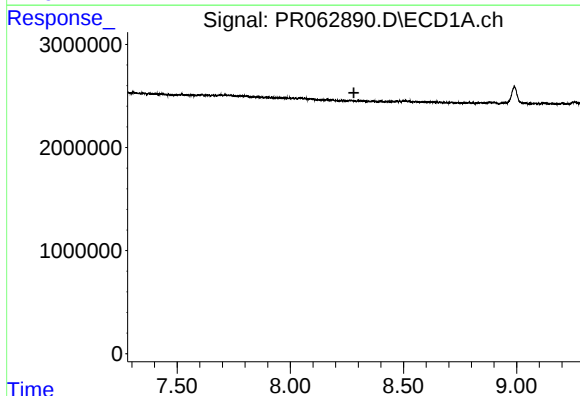
R.T.: 0.000 min
Exp R.T.: 8.189 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



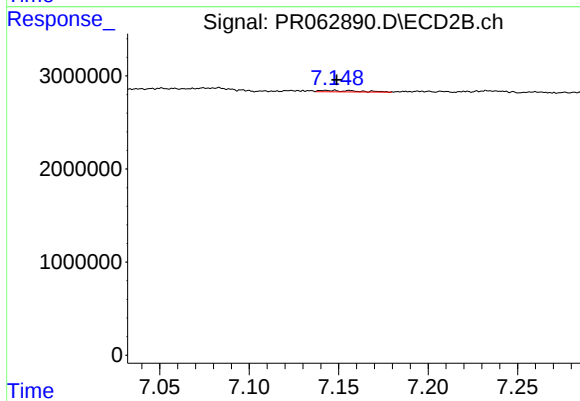
#41 AR-1268-1

R.T.: 7.080 min
Delta R.T.: 0.001 min
Response: 530486
Conc: 0.91 ng/ml



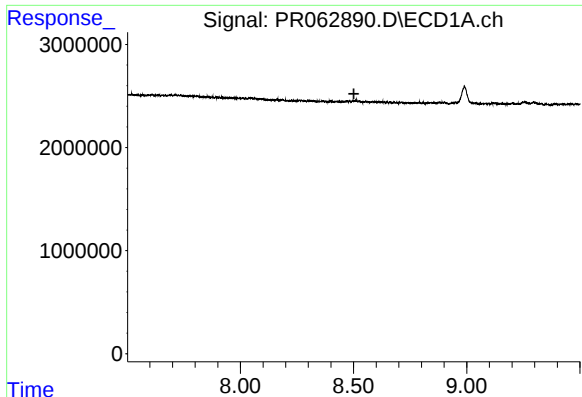
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.281 min
Response: 0
Conc: N.D.



#42 AR-1268-2

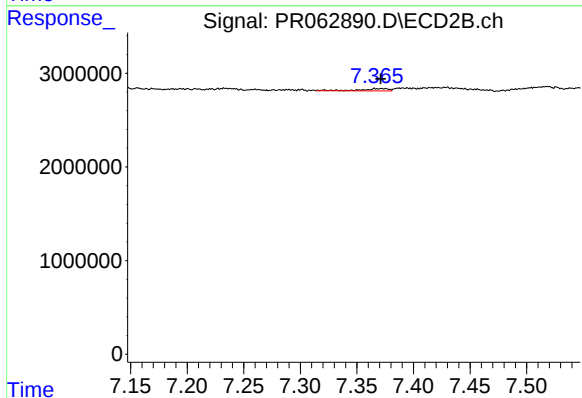
R.T.: 7.144 min
Delta R.T.: -0.005 min
Response: 215500
Conc: 0.40 ng/ml



#43 AR-1268-3

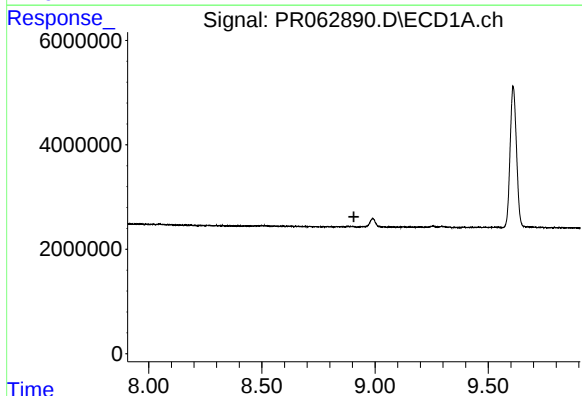
R.T.: 0.000 min
Exp R.T.: 8.501 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



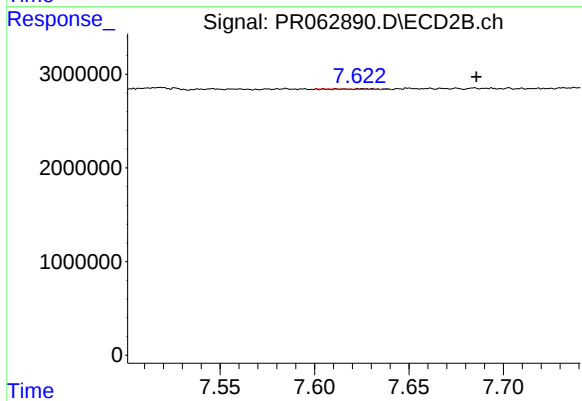
#43 AR-1268-3

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 386792
Conc: 0.82 ng/ml



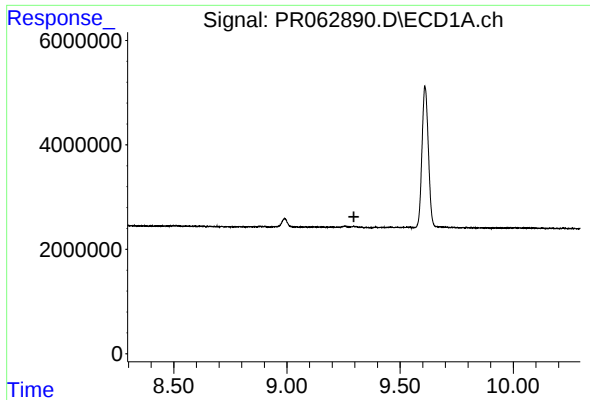
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.906 min
Response: 0
Conc: N.D.



#44 AR-1268-4

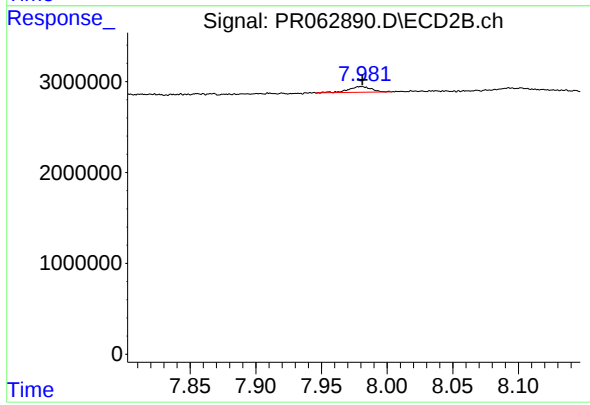
R.T.: 7.627 min
Delta R.T.: -0.059 min
Response: 35662
Conc: 0.18 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.296 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 752405
Conc: 0.51 ng/ml