

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011623\
 Data File : PR059014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jan 2023 23:38
 Operator : YP\AJ
 Sample : AIBLK80
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 05:21:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011323CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jan 14 03:30:33 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...	3.690	2.911	65645144	76211725	17.583	19.020
2)	SA Decachlor...	9.658	8.150	85055063	129.3E6	38.341	38.943
Target Compounds							
3)	L1 AR-1016-1	4.874f	4.024	448888	84074	4.768	0.708 #
4)	L1 AR-1016-2	0.000	4.046	0	131278	N.D.	0.743 #
5)	L1 AR-1016-3	0.000	4.214	0	57873	N.D.	0.626 #
6)	L1 AR-1016-4	0.000	4.294	0	193357	N.D.	2.554 #
7)	L1 AR-1016-5	0.000	4.485	0	286374	N.D.	2.892 #
8)	L2 AR-1221-1	0.000	3.153	0	18687	N.D.	0.435 #
9)	L2 AR-1221-2	4.003	3.213	1064984	1085559	35.019	35.297
10)	L2 AR-1221-3	0.000	3.301	0	60538	N.D.	0.607 #
11)	L3 AR-1232-1	0.000	3.301	0	60538	N.D.	0.726 #
12)	L3 AR-1232-2	0.000	4.046	0	131278	N.D.	1.687 #
13)	L3 AR-1232-3	0.000	4.214	0	57873	N.D.	1.439 #
14)	L3 AR-1232-4	0.000	4.320	0	39385	N.D.	1.081 #
15)	L3 AR-1232-5	5.272f	4.485	64394	286374	2.679	6.892 #
16)	L4 AR-1242-1	4.874f	4.024	448888	84074	5.604	0.847 #
17)	L4 AR-1242-2	0.000	4.046	0	131278	N.D.	0.910 #
18)	L4 AR-1242-3	0.000	4.214	0	57873	N.D.	0.765 #
19)	L4 AR-1242-4	0.000	4.320	0	39385	N.D.	0.527 #
20)	L4 AR-1242-5	0.000	4.852	0	70939	N.D.	0.771 #
21)	L5 AR-1248-1	4.874f	4.024	448888	84074	7.275	1.099 #
22)	L5 AR-1248-2	5.272f	4.294	64394	193357	0.796	1.735 #
23)	L5 AR-1248-3	0.000	4.320	0	39385	N.D.	0.350 #
24)	L5 AR-1248-4	5.835f	4.485	188457	286374	1.985	2.094
25)	L5 AR-1248-5	0.000	4.901	0	42083	N.D.	0.329 #
26)	L6 AR-1254-1	5.835	4.852	188457	70939	1.933	0.348 #
27)	L6 AR-1254-2	6.084	5.031	199325	142157	1.357	0.811 #
28)	L6 AR-1254-3	6.483	5.411	12701	793655	0.084	2.775 #
29)	L6 AR-1254-4	6.818	5.672	1223513	244066	11.097	1.442 #
30)	L6 AR-1254-5	7.196f	6.119	105810	424991	0.870	1.678 #
31)	L7 AR-1260-1	0.000	5.553	0	219167	N.D.	1.086 #
32)	L7 AR-1260-2	7.006f	5.795	195561	1658325	1.434	6.895 #
33)	L7 AR-1260-3	0.000	5.945	0	1178618	N.D.	5.146 #
34)	L7 AR-1260-4	7.572	6.435	91139	120797	0.767	0.641
35)	L7 AR-1260-5	7.986f	6.704	93535	147047	0.421	0.340
36)	L8 AR-1262-1	0.000	6.190	0	637458	N.D.	2.350 #
37)	L8 AR-1262-2	0.000	6.435	0	120797	N.D.	0.493 #
38)	L8 AR-1262-3	0.000	7.032	0	298098	N.D.	1.604 #
39)	L8 AR-1262-4	8.365f	7.107	72884	566055	0.887	1.608 #
40)	L8 AR-1262-5	0.000	7.680f	0	395518	N.D.	2.509 #
41)	L9 AR-1268-1	0.000	7.032	0	298098	N.D.	0.385 #

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 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	8.365f	7.107	72884	566055	0.192	0.804 #
43) L9	AR-1268-3	8.532	7.300	64229	897394	0.194	1.479 #
44) L9	AR-1268-4	0.000	7.680f	0	395518	N.D.	1.649 #
45) L9	AR-1268-5	9.341	7.909	875058	828152	0.810	0.438 #

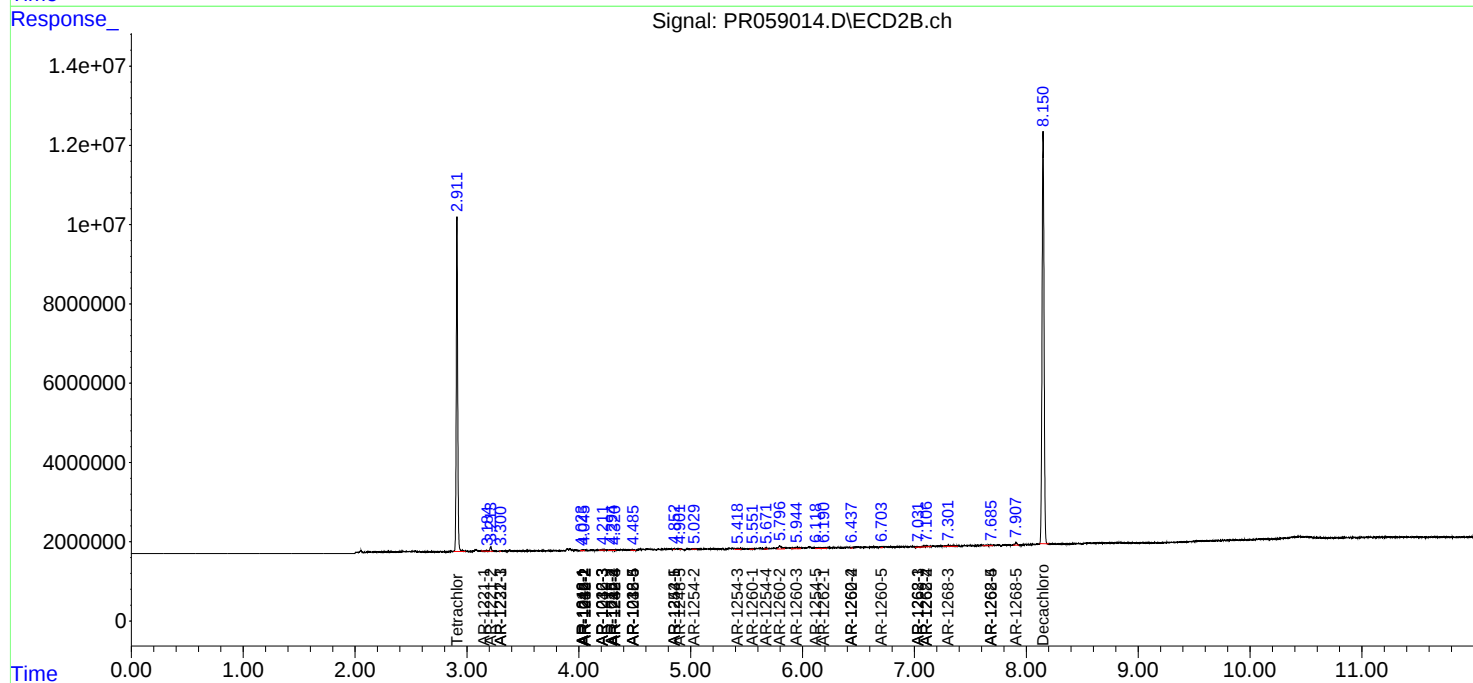
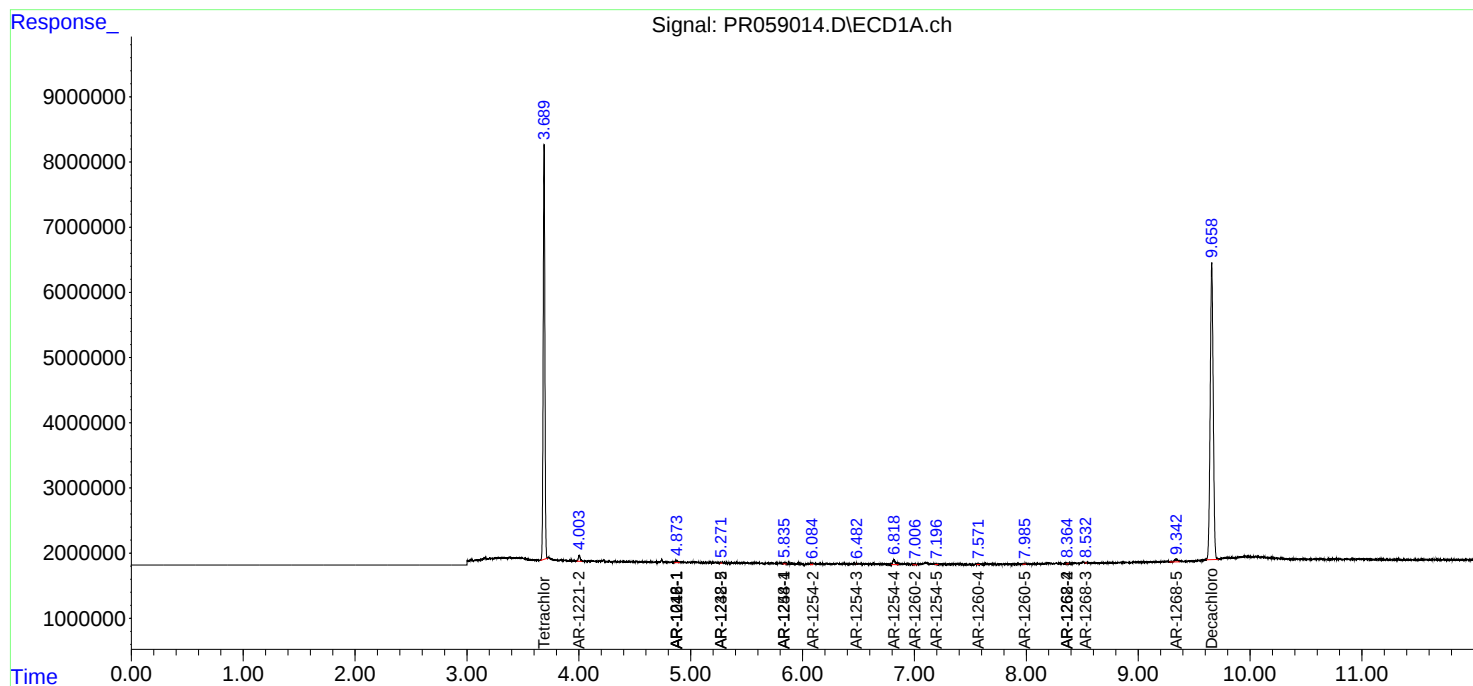
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

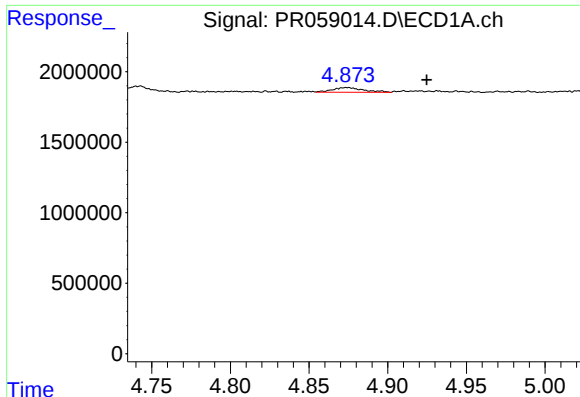
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
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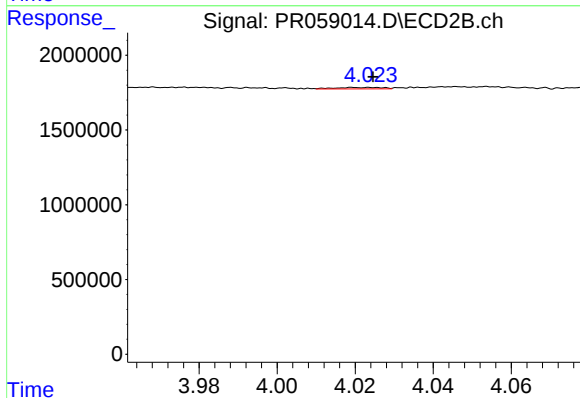




#3 AR-1016-1

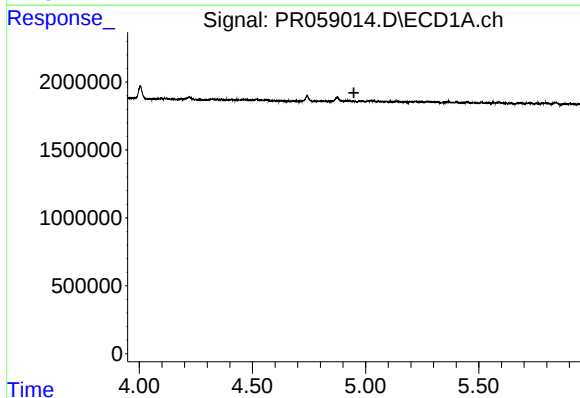
R.T.: 4.874 min
Delta R.T.: -0.050 min
Response: 448888
Conc: 4.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



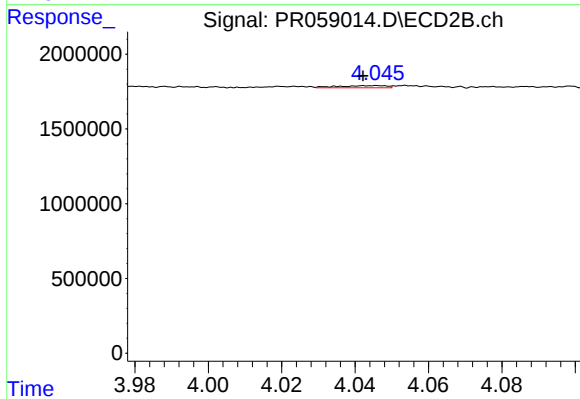
#3 AR-1016-1

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 84074
Conc: 0.71 ng/ml



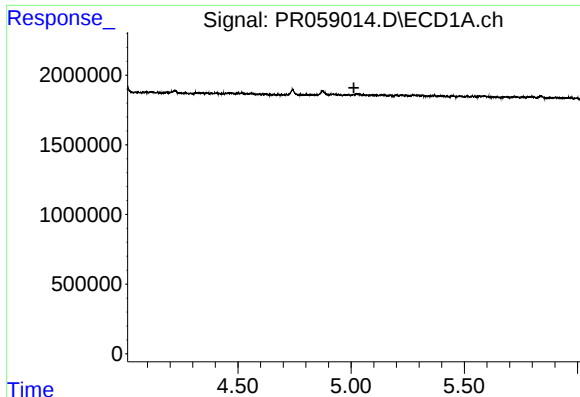
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.948 min
Response: 0
Conc: N.D.



#4 AR-1016-2

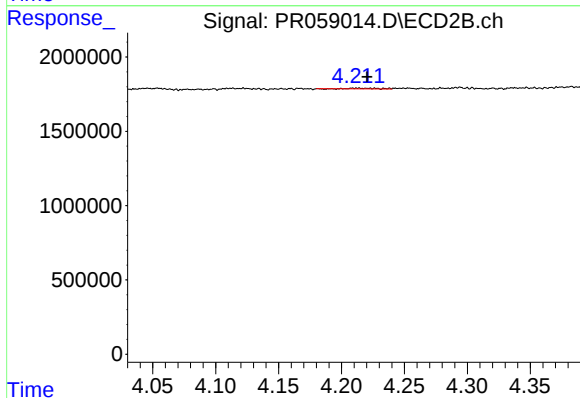
R.T.: 4.046 min
Delta R.T.: 0.004 min
Response: 131278
Conc: 0.74 ng/ml



#5 AR-1016-3

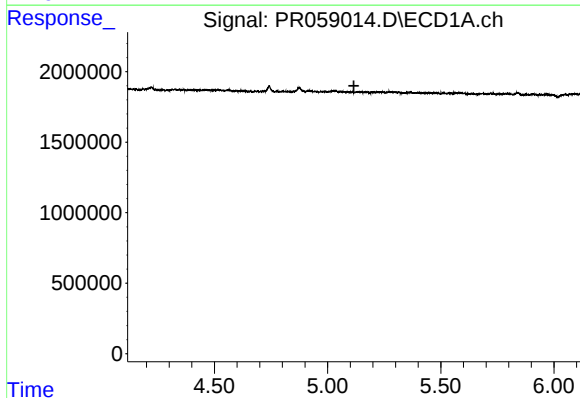
R.T.: 0.000 min
Exp R.T.: 5.012 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



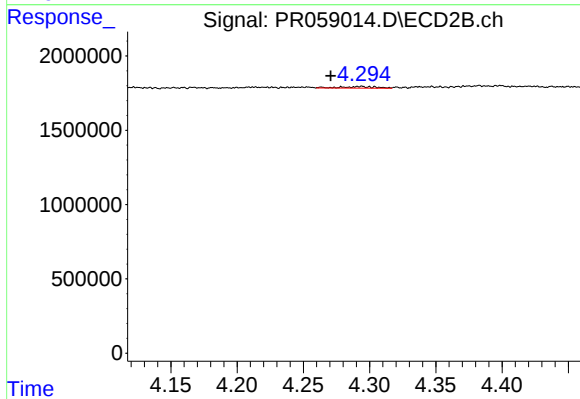
#5 AR-1016-3

R.T.: 4.214 min
Delta R.T.: -0.007 min
Response: 57873
Conc: 0.63 ng/ml



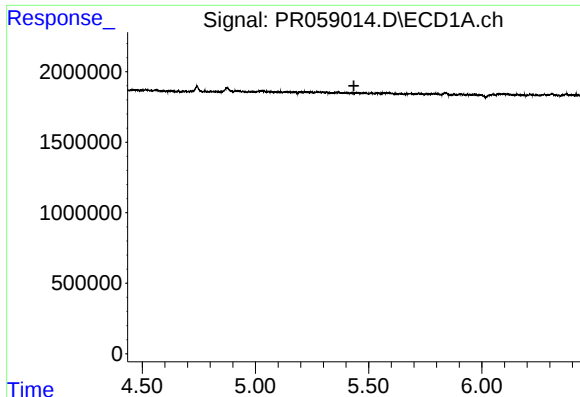
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.116 min
Response: 0
Conc: N.D.



#6 AR-1016-4

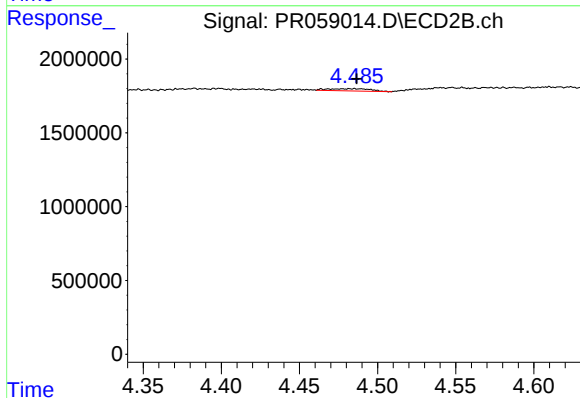
R.T.: 4.294 min
Delta R.T.: 0.023 min
Response: 193357
Conc: 2.55 ng/ml



#7 AR-1016-5

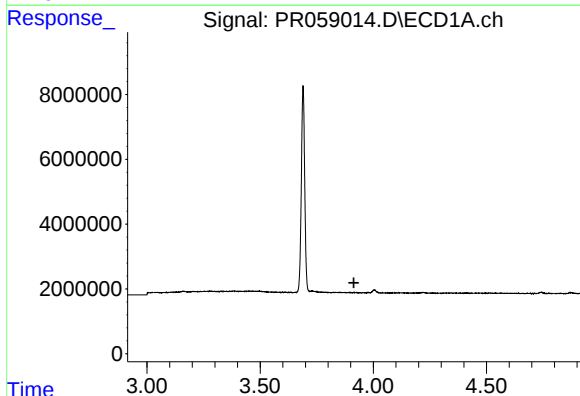
R.T.: 0.000 min
Exp R.T.: 5.435 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



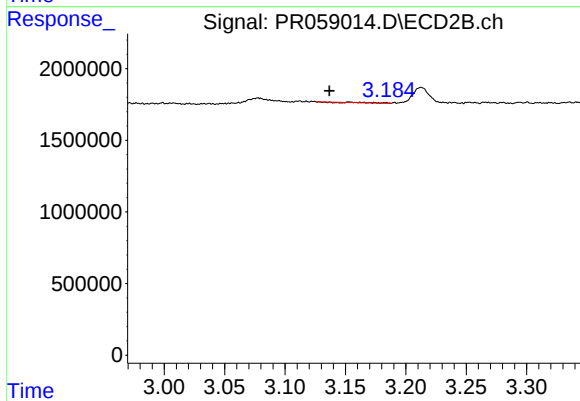
#7 AR-1016-5

R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 286374
Conc: 2.89 ng/ml



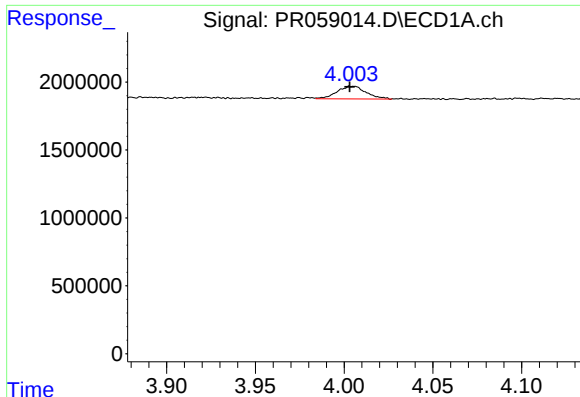
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 3.914 min
Response: 0
Conc: N.D.



#8 AR-1221-1

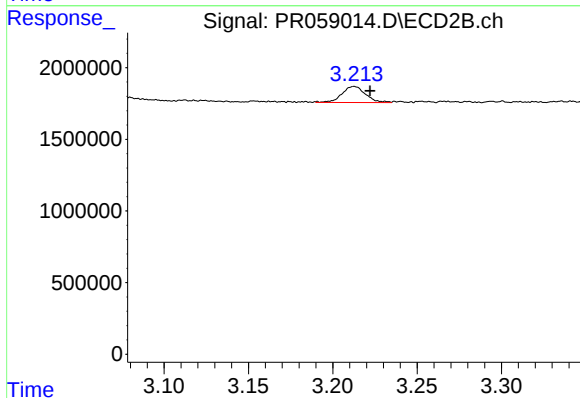
R.T.: 3.153 min
Delta R.T.: 0.017 min
Response: 18687
Conc: 0.44 ng/ml



#9 AR-1221-2

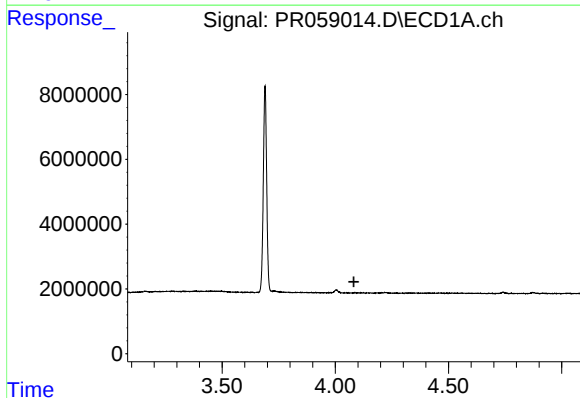
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 1064984
Conc: 35.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



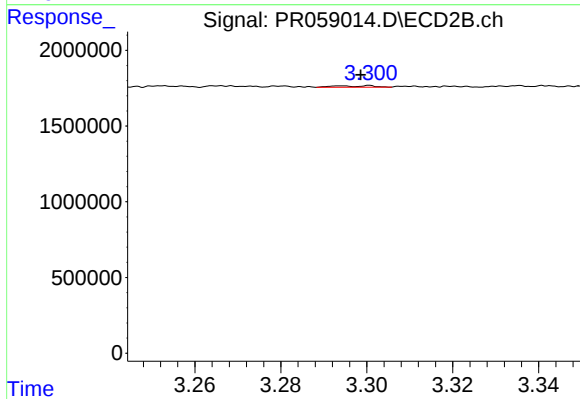
#9 AR-1221-2

R.T.: 3.213 min
Delta R.T.: -0.009 min
Response: 1085559
Conc: 35.30 ng/ml



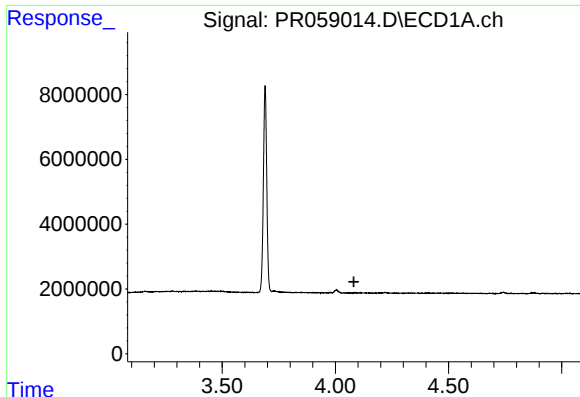
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.082 min
Response: 0
Conc: N.D.



#10 AR-1221-3

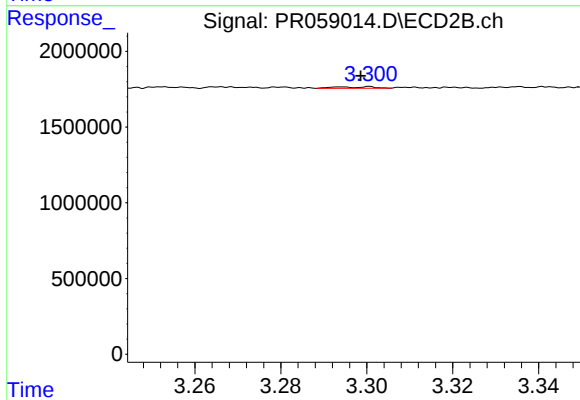
R.T.: 3.301 min
Delta R.T.: 0.002 min
Response: 60538
Conc: 0.61 ng/ml



#11 AR-1232-1

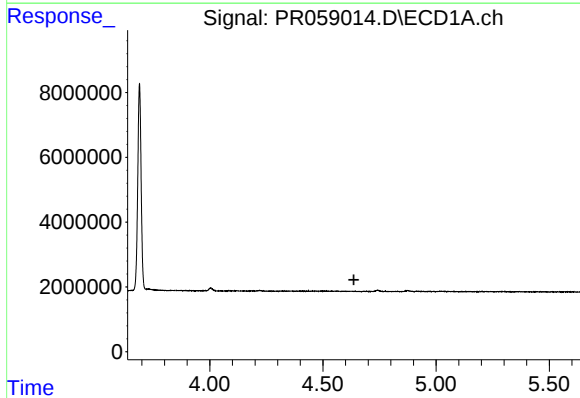
R.T.: 0.000 min
Exp R.T.: 4.082 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



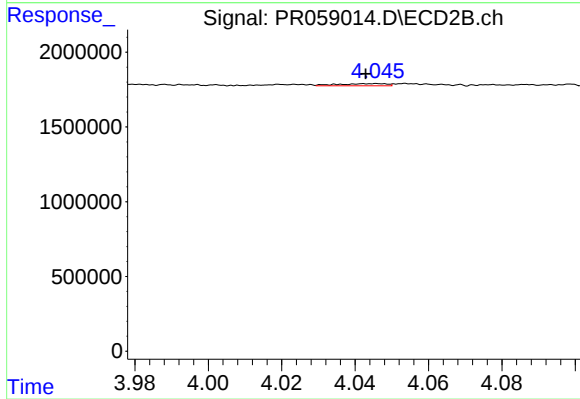
#11 AR-1232-1

R.T.: 3.301 min
Delta R.T.: 0.002 min
Response: 60538
Conc: 0.73 ng/ml



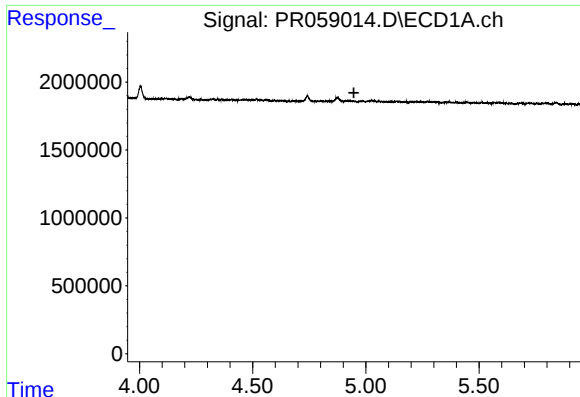
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 4.637 min
Response: 0
Conc: N.D.



#12 AR-1232-2

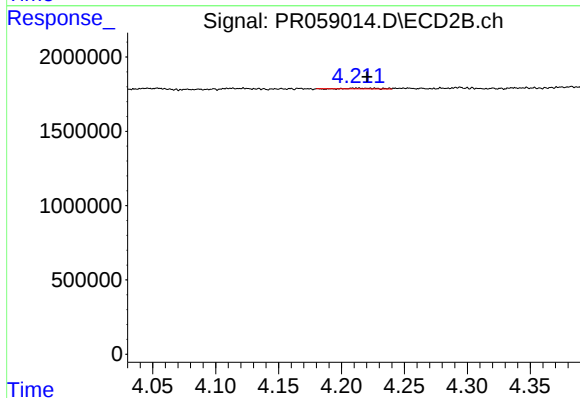
R.T.: 4.046 min
Delta R.T.: 0.003 min
Response: 131278
Conc: 1.69 ng/ml



#13 AR-1232-3

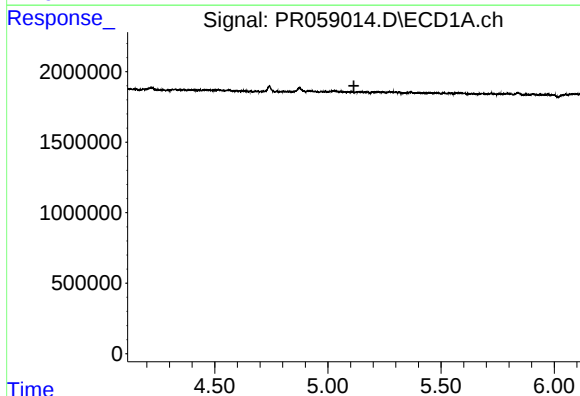
R.T.: 0.000 min
Exp R.T.: 4.947 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



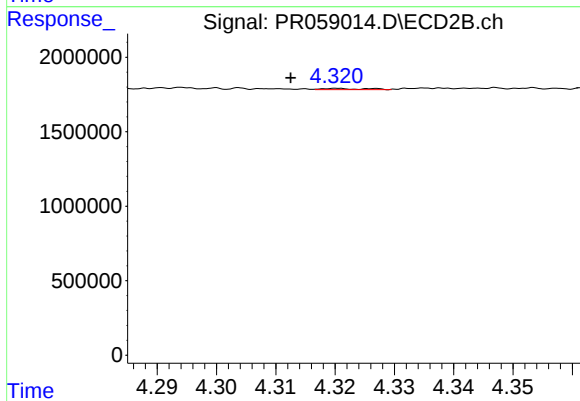
#13 AR-1232-3

R.T.: 4.214 min
Delta R.T.: -0.006 min
Response: 57873
Conc: 1.44 ng/ml



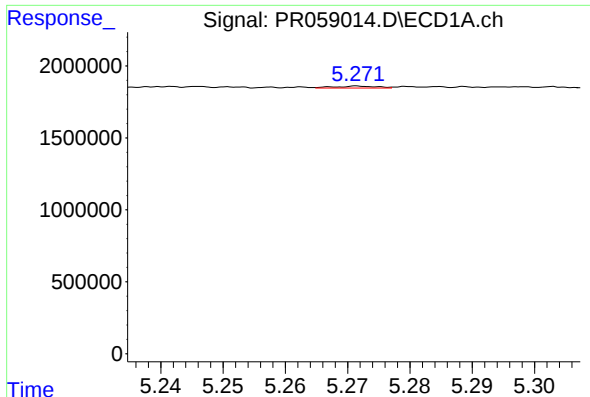
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.115 min
Response: 0
Conc: N.D.



#14 AR-1232-4

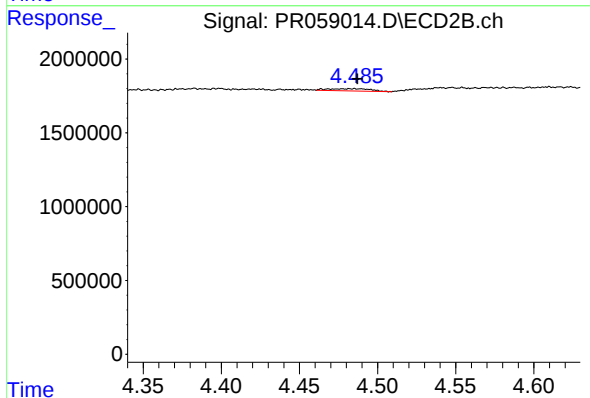
R.T.: 4.320 min
Delta R.T.: 0.008 min
Response: 39385
Conc: 1.08 ng/ml



#15 AR-1232-5

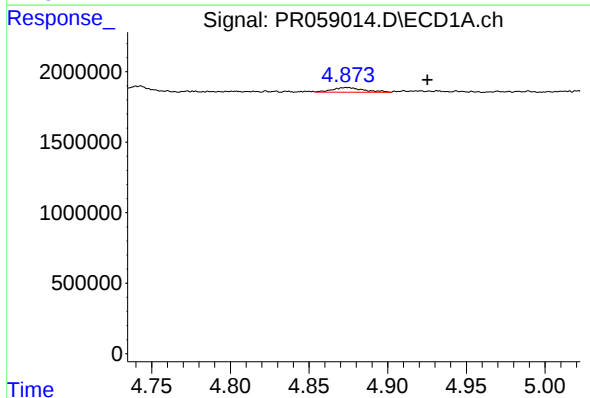
R.T.: 5.272 min
Delta R.T.: 0.052 min
Response: 64394
Conc: 2.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



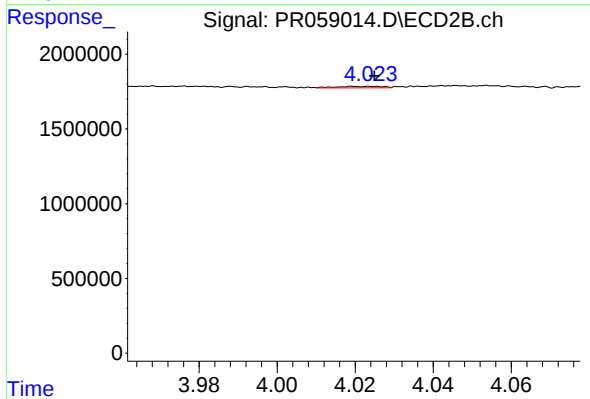
#15 AR-1232-5

R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 286374
Conc: 6.89 ng/ml



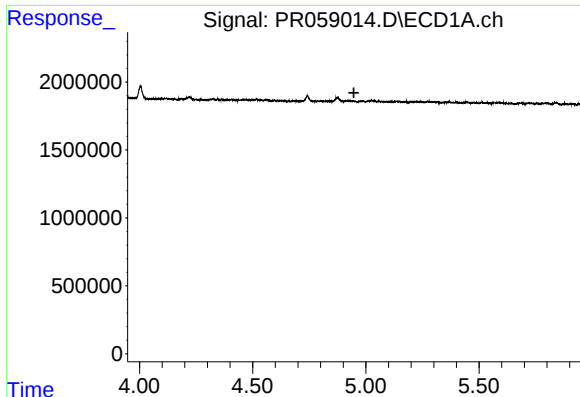
#16 AR-1242-1

R.T.: 4.874 min
Delta R.T.: -0.051 min
Response: 448888
Conc: 5.60 ng/ml



#16 AR-1242-1

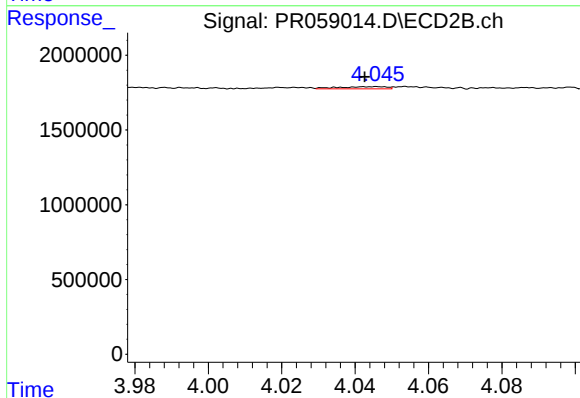
R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 84074
Conc: 0.85 ng/ml



#17 AR-1242-2

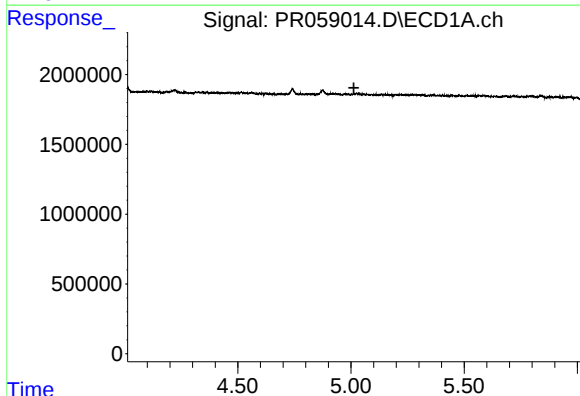
R.T.: 0.000 min
Exp R.T.: 4.947 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



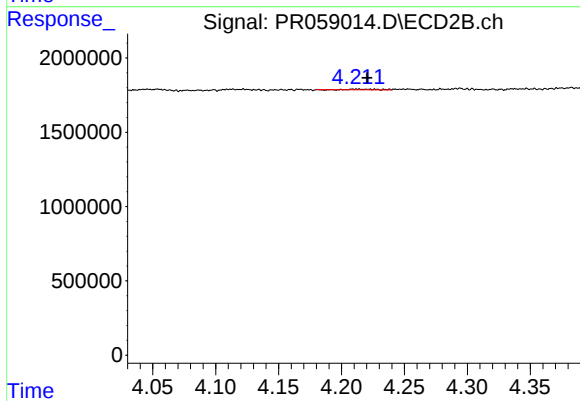
#17 AR-1242-2

R.T.: 4.046 min
Delta R.T.: 0.003 min
Response: 131278
Conc: 0.91 ng/ml



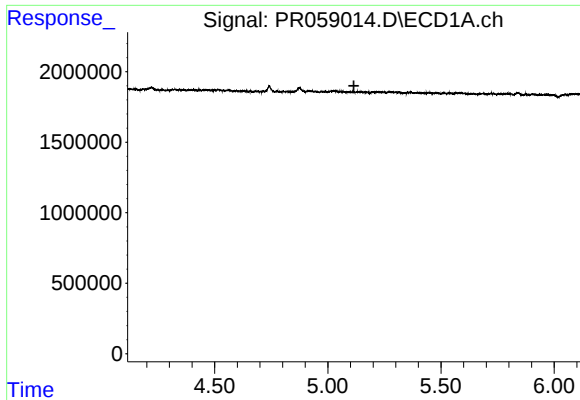
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.013 min
Response: 0
Conc: N.D.



#18 AR-1242-3

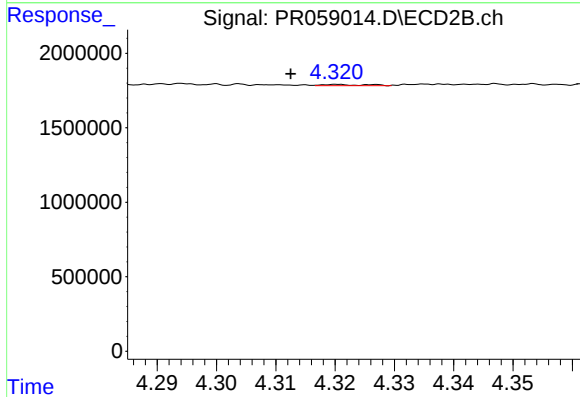
R.T.: 4.214 min
Delta R.T.: -0.007 min
Response: 57873
Conc: 0.77 ng/ml



#19 AR-1242-4

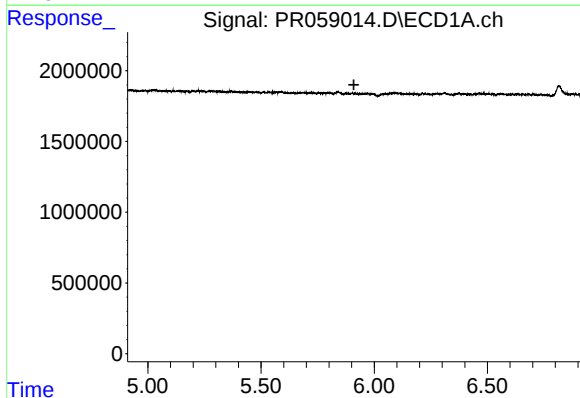
R.T.: 0.000 min
Exp R.T.: 5.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



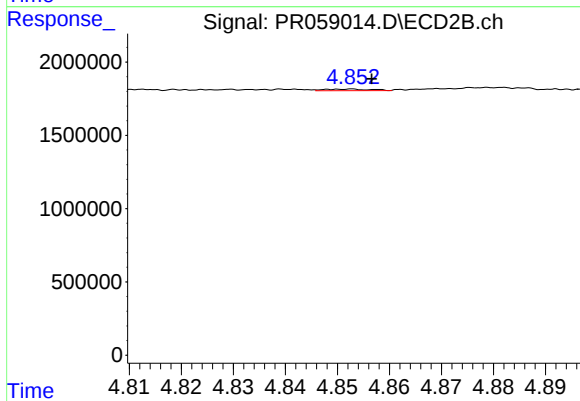
#19 AR-1242-4

R.T.: 4.320 min
Delta R.T.: 0.008 min
Response: 39385
Conc: 0.53 ng/ml



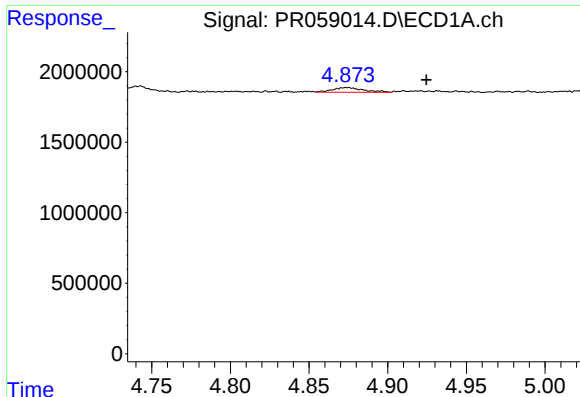
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 5.910 min
Response: 0
Conc: N.D.



#20 AR-1242-5

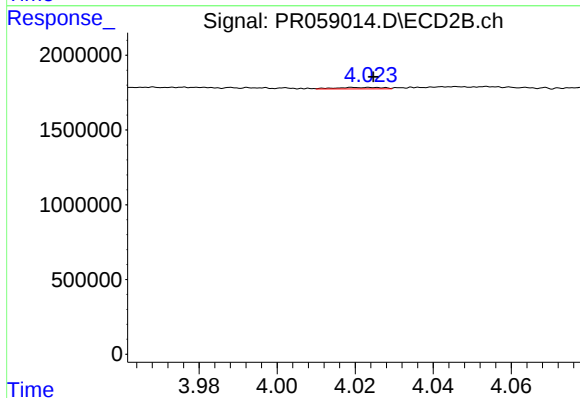
R.T.: 4.852 min
Delta R.T.: -0.005 min
Response: 70939
Conc: 0.77 ng/ml



#21 AR-1248-1

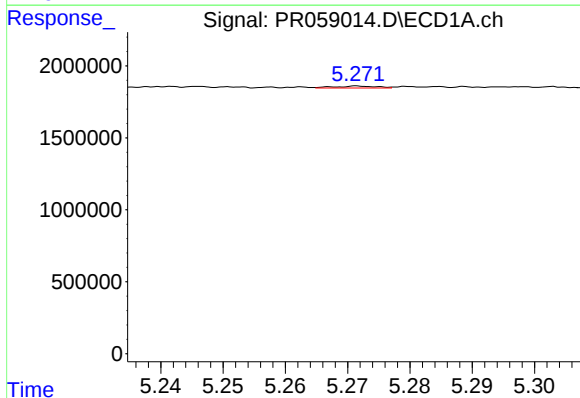
R.T.: 4.874 min
Delta R.T.: -0.050 min
Response: 448888
Conc: 7.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



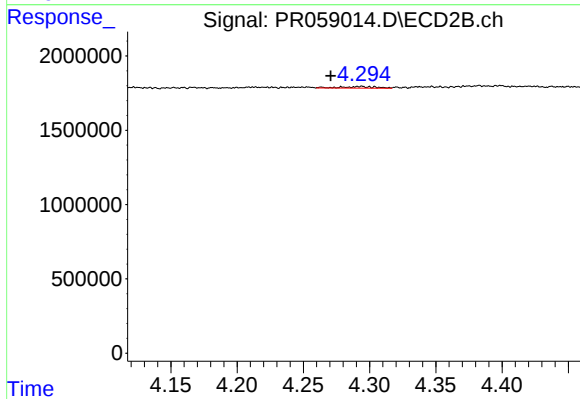
#21 AR-1248-1

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 84074
Conc: 1.10 ng/ml



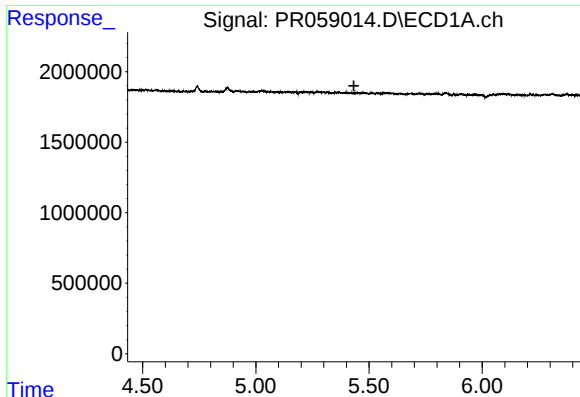
#22 AR-1248-2

R.T.: 5.272 min
Delta R.T.: 0.052 min
Response: 64394
Conc: 0.80 ng/ml



#22 AR-1248-2

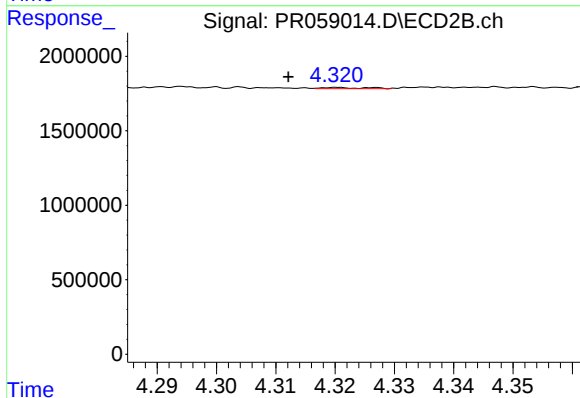
R.T.: 4.294 min
Delta R.T.: 0.023 min
Response: 193357
Conc: 1.74 ng/ml



#23 AR-1248-3

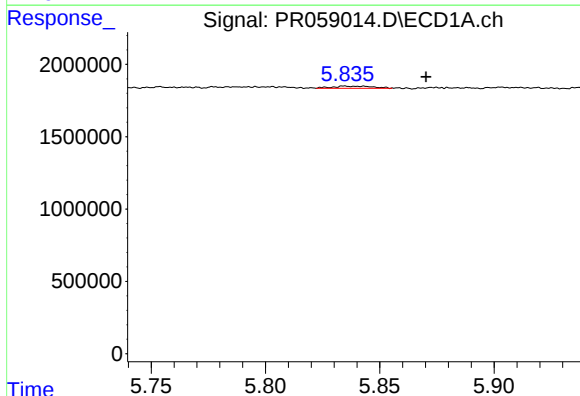
R.T.: 0.000 min
Exp R.T.: 5.433 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



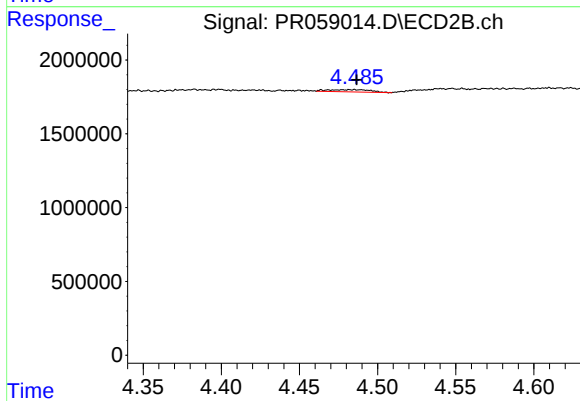
#23 AR-1248-3

R.T.: 4.320 min
Delta R.T.: 0.008 min
Response: 39385
Conc: 0.35 ng/ml



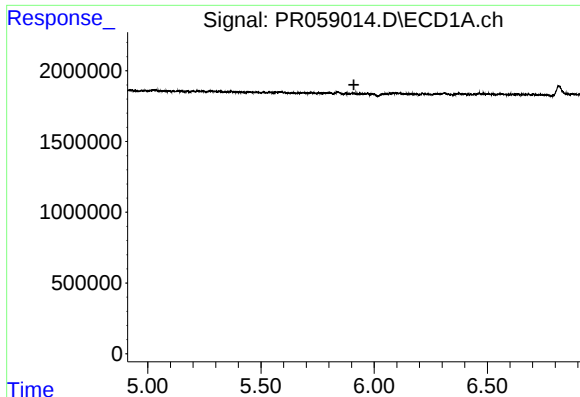
#24 AR-1248-4

R.T.: 5.835 min
Delta R.T.: -0.036 min
Response: 188457
Conc: 1.98 ng/ml



#24 AR-1248-4

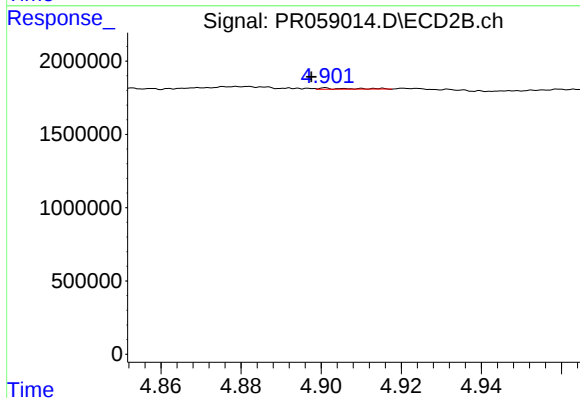
R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 286374
Conc: 2.09 ng/ml



#25 AR-1248-5

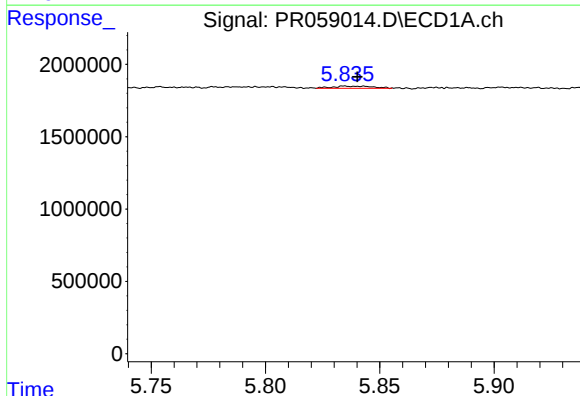
R.T.: 0.000 min
Exp R.T.: 5.911 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



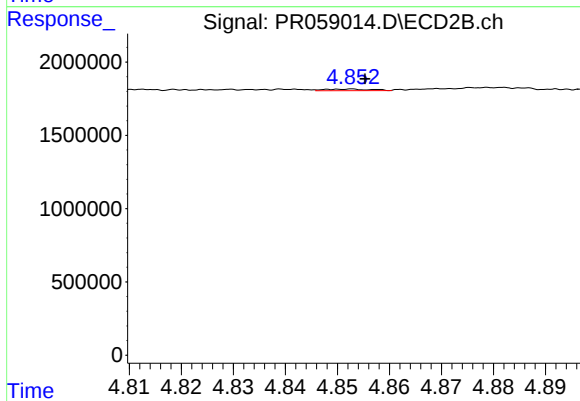
#25 AR-1248-5

R.T.: 4.901 min
Delta R.T.: 0.003 min
Response: 42083
Conc: 0.33 ng/ml



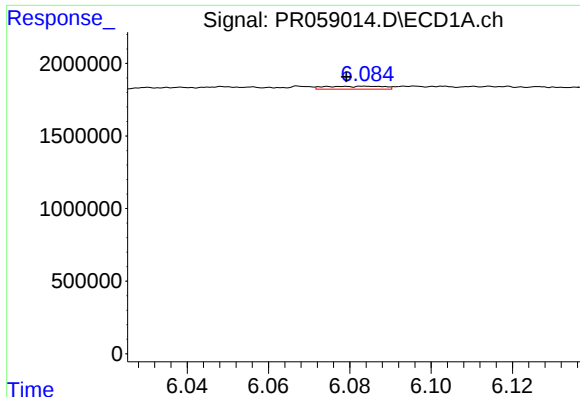
#26 AR-1254-1

R.T.: 5.835 min
Delta R.T.: -0.006 min
Response: 188457
Conc: 1.93 ng/ml



#26 AR-1254-1

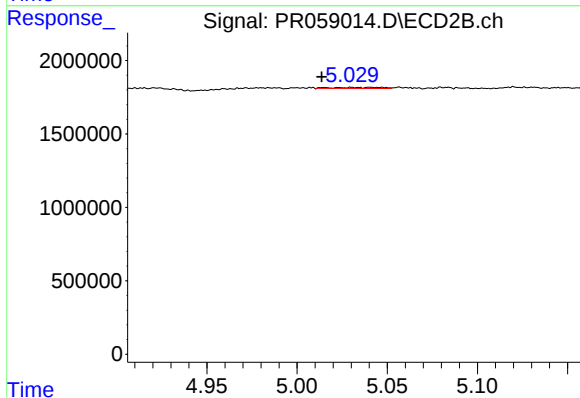
R.T.: 4.852 min
Delta R.T.: -0.004 min
Response: 70939
Conc: 0.35 ng/ml



#27 AR-1254-2

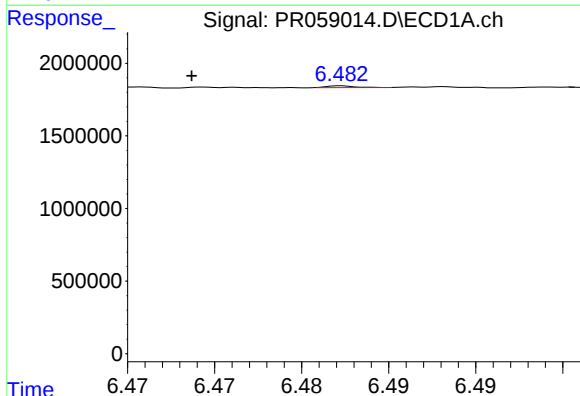
R.T.: 6.084 min
Delta R.T.: 0.005 min
Response: 199325
Conc: 1.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



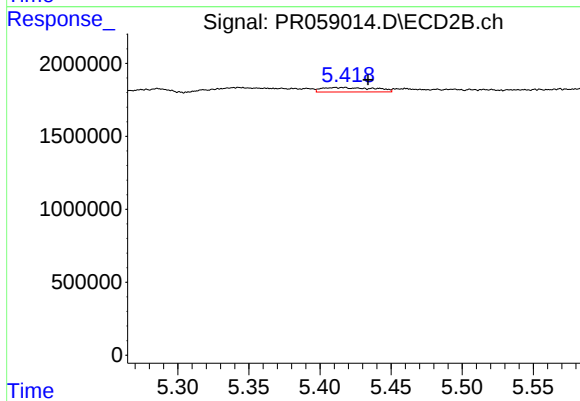
#27 AR-1254-2

R.T.: 5.031 min
Delta R.T.: 0.017 min
Response: 142157
Conc: 0.81 ng/ml



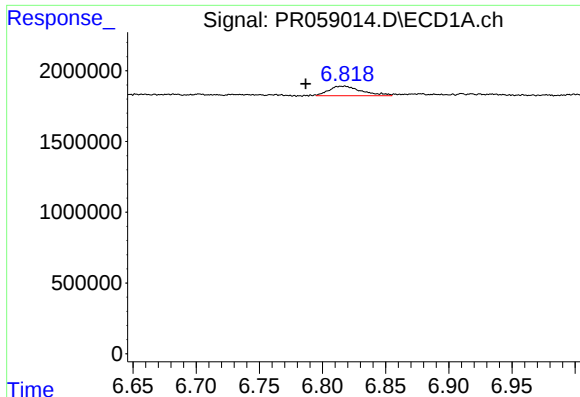
#28 AR-1254-3

R.T.: 6.483 min
Delta R.T.: 0.009 min
Response: 12701
Conc: 0.08 ng/ml



#28 AR-1254-3

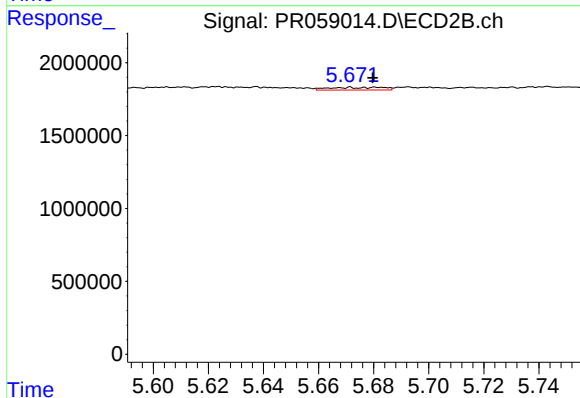
R.T.: 5.411 min
Delta R.T.: -0.023 min
Response: 793655
Conc: 2.77 ng/ml



#29 AR-1254-4

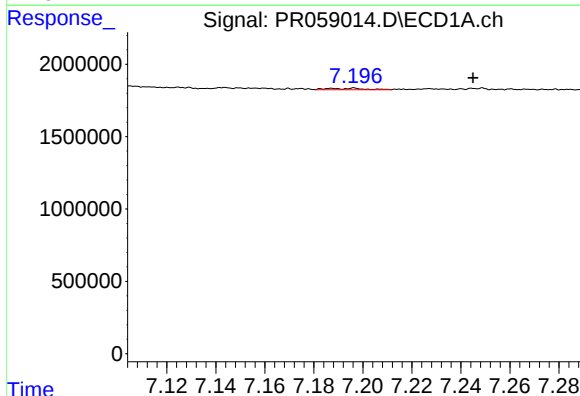
R.T.: 6.818 min
Delta R.T.: 0.031 min
Response: 1223513
Conc: 11.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



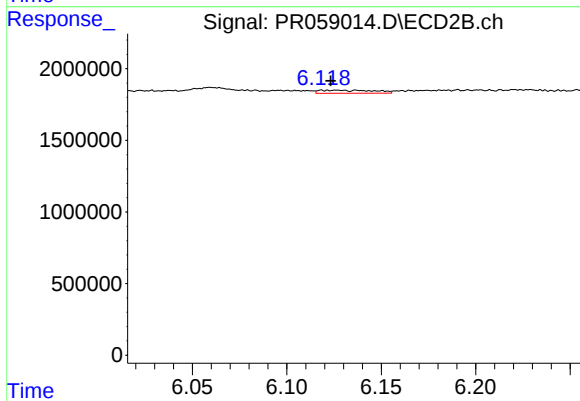
#29 AR-1254-4

R.T.: 5.672 min
Delta R.T.: -0.008 min
Response: 244066
Conc: 1.44 ng/ml



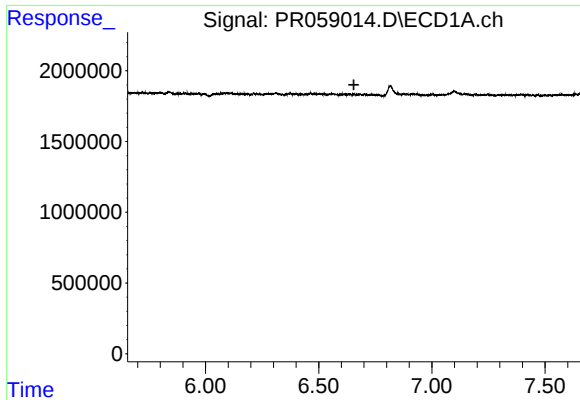
#30 AR-1254-5

R.T.: 7.196 min
Delta R.T.: -0.049 min
Response: 105810
Conc: 0.87 ng/ml



#30 AR-1254-5

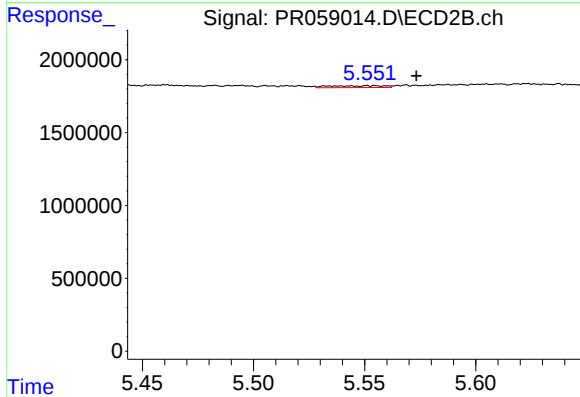
R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 424991
Conc: 1.68 ng/ml



#31 AR-1260-1

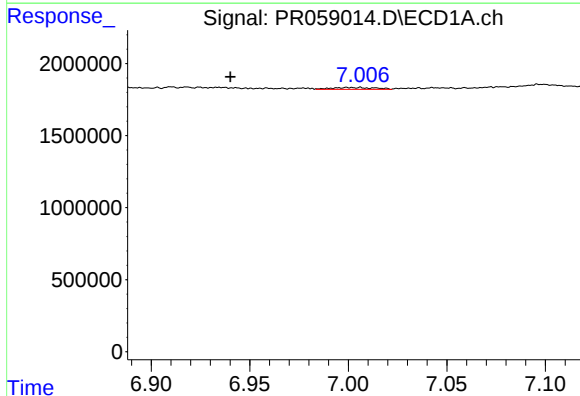
R.T.: 0.000 min
Exp R.T.: 6.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



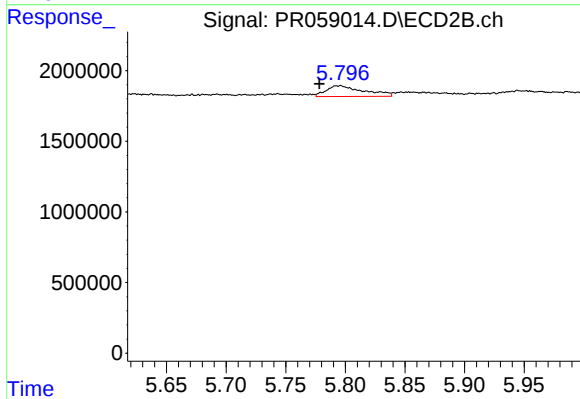
#31 AR-1260-1

R.T.: 5.553 min
Delta R.T.: -0.020 min
Response: 219167
Conc: 1.09 ng/ml



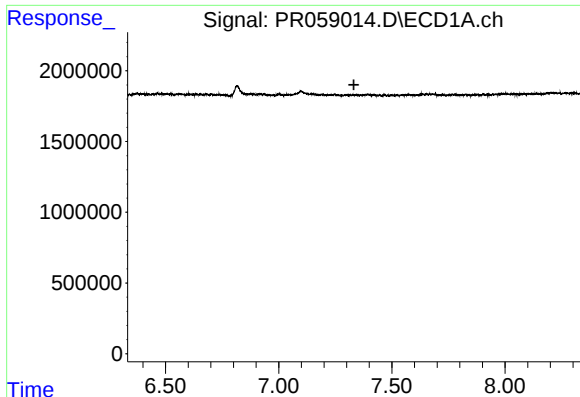
#32 AR-1260-2

R.T.: 7.006 min
Delta R.T.: 0.066 min
Response: 195561
Conc: 1.43 ng/ml



#32 AR-1260-2

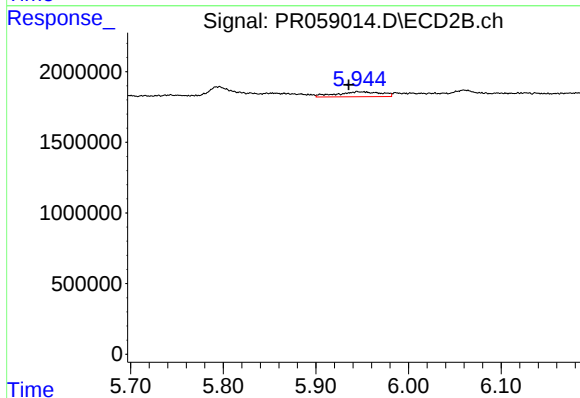
R.T.: 5.795 min
Delta R.T.: 0.017 min
Response: 1658325
Conc: 6.89 ng/ml



#33 AR-1260-3

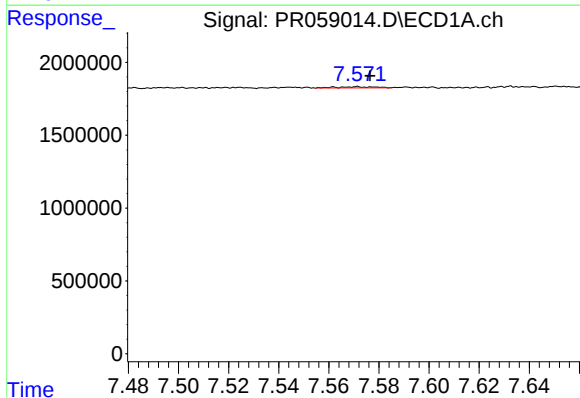
R.T.: 0.000 min
Exp R.T.: 7.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



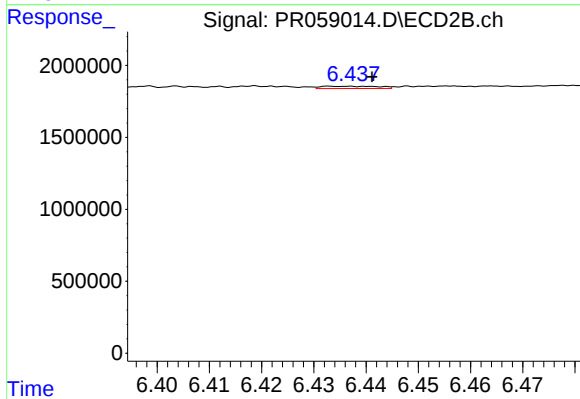
#33 AR-1260-3

R.T.: 5.945 min
Delta R.T.: 0.009 min
Response: 1178618
Conc: 5.15 ng/ml



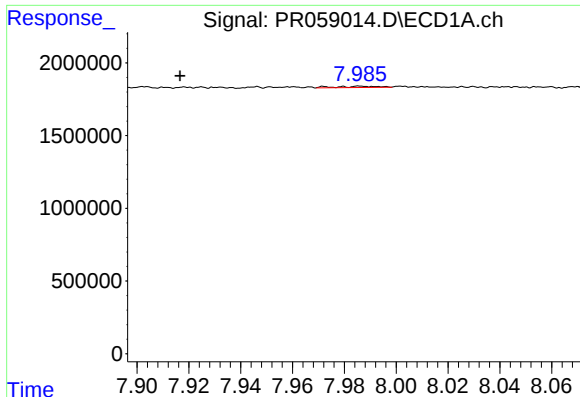
#34 AR-1260-4

R.T.: 7.572 min
Delta R.T.: -0.005 min
Response: 91139
Conc: 0.77 ng/ml



#34 AR-1260-4

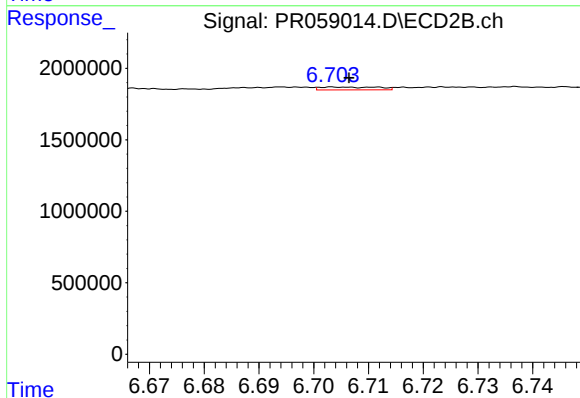
R.T.: 6.435 min
Delta R.T.: -0.007 min
Response: 120797
Conc: 0.64 ng/ml



#35 AR-1260-5

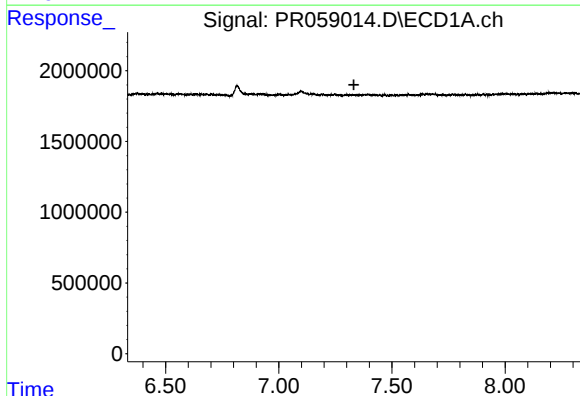
R.T.: 7.986 min
Delta R.T.: 0.070 min
Response: 93535
Conc: 0.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



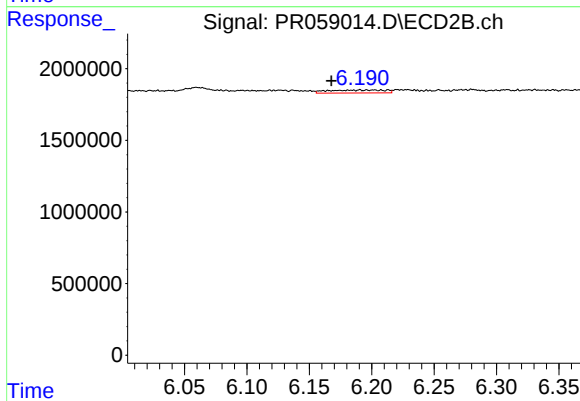
#35 AR-1260-5

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 147047
Conc: 0.34 ng/ml



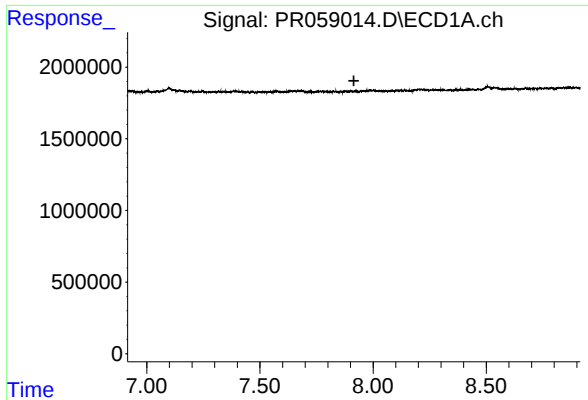
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.332 min
Response: 0
Conc: N.D.



#36 AR-1262-1

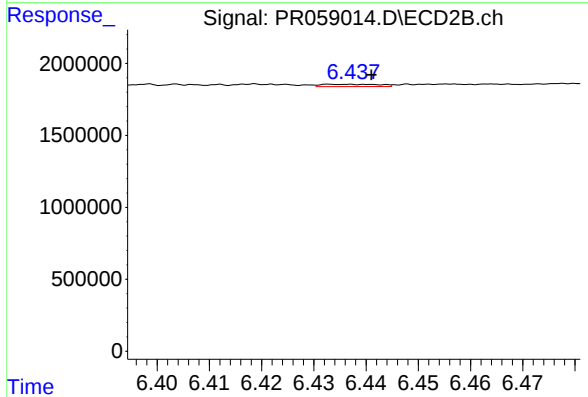
R.T.: 6.190 min
Delta R.T.: 0.023 min
Response: 637458
Conc: 2.35 ng/ml



#37 AR-1262-2

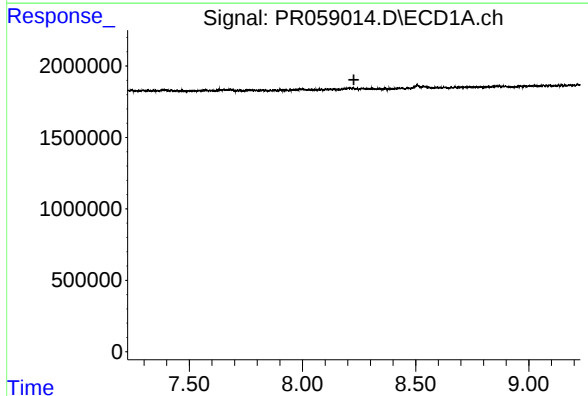
R.T.: 0.000 min
Exp R.T.: 7.915 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



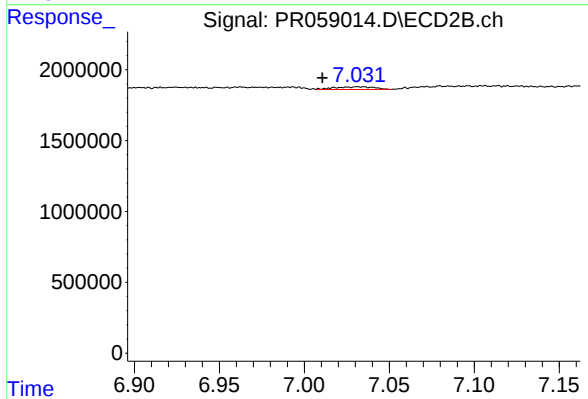
#37 AR-1262-2

R.T.: 6.435 min
Delta R.T.: -0.006 min
Response: 120797
Conc: 0.49 ng/ml



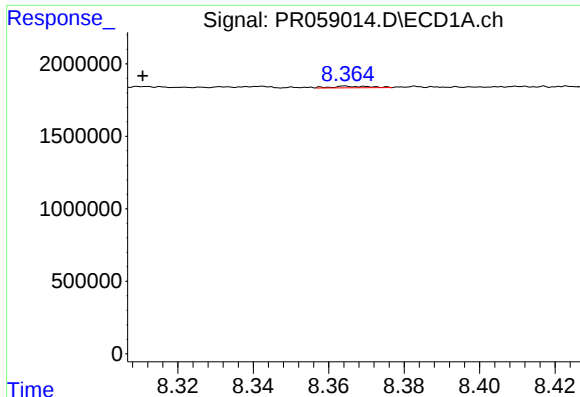
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.227 min
Response: 0
Conc: N.D.



#38 AR-1262-3

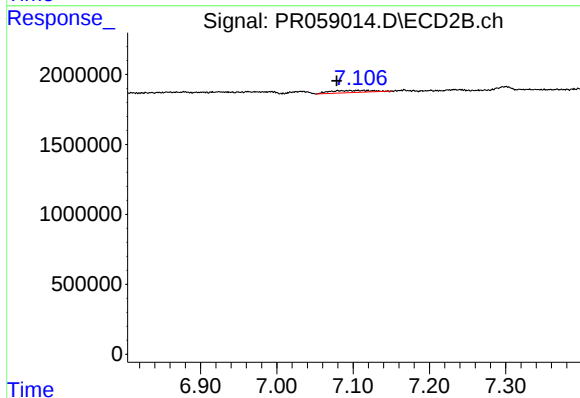
R.T.: 7.032 min
Delta R.T.: 0.021 min
Response: 298098
Conc: 1.60 ng/ml



#39 AR-1262-4

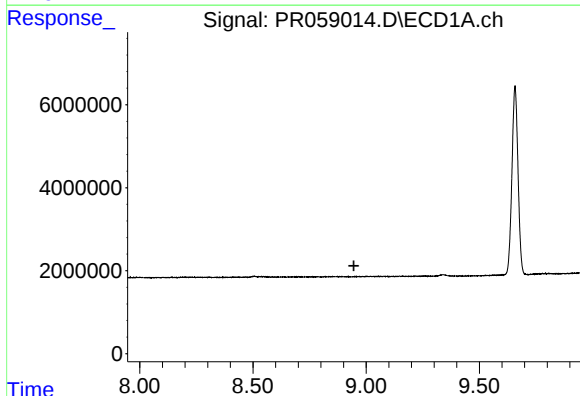
R.T.: 8.365 min
Delta R.T.: 0.054 min
Response: 72884
Conc: 0.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



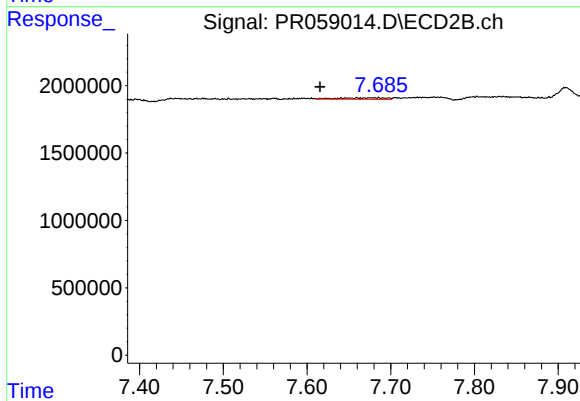
#39 AR-1262-4

R.T.: 7.107 min
Delta R.T.: 0.028 min
Response: 566055
Conc: 1.61 ng/ml



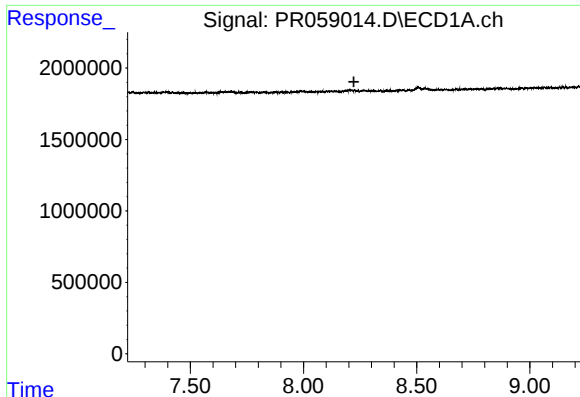
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.946 min
Response: 0
Conc: N.D.



#40 AR-1262-5

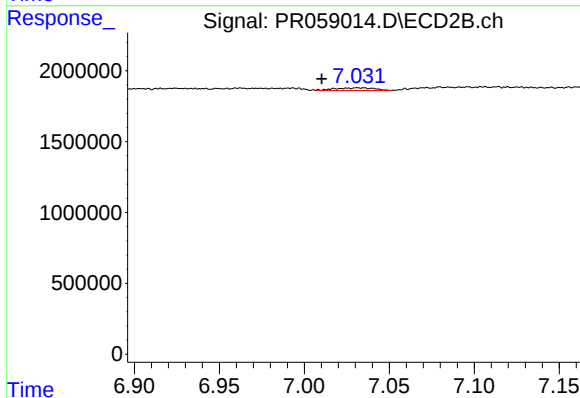
R.T.: 7.680 min
Delta R.T.: 0.064 min
Response: 395518
Conc: 2.51 ng/ml



#41 AR-1268-1

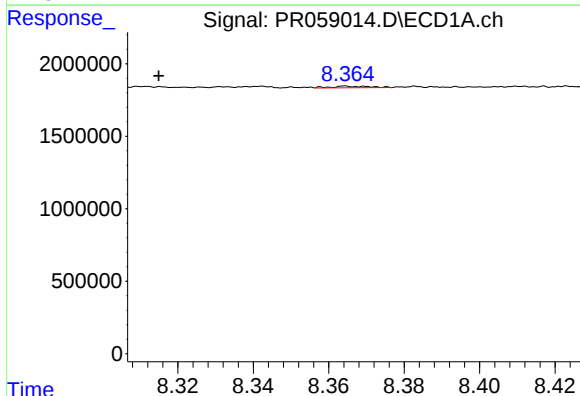
R.T.: 0.000 min
Exp R.T.: 8.223 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



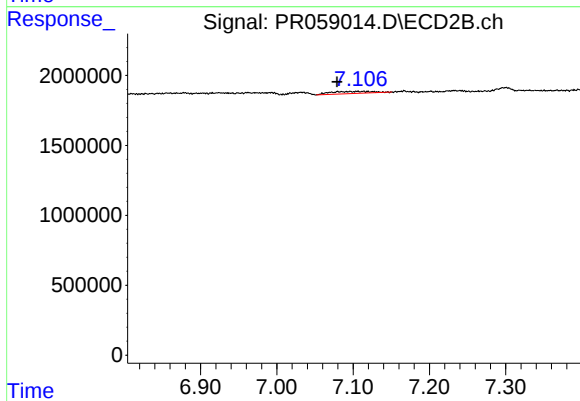
#41 AR-1268-1

R.T.: 7.032 min
Delta R.T.: 0.022 min
Response: 298098
Conc: 0.38 ng/ml



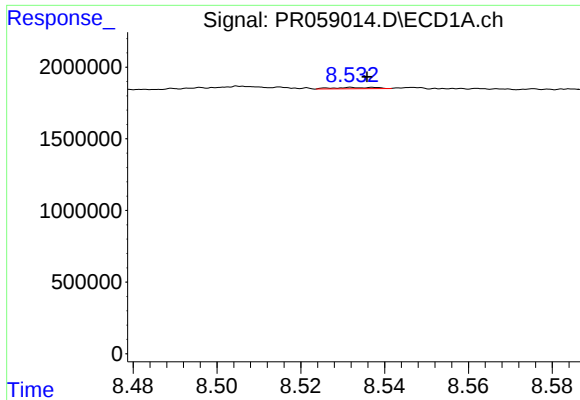
#42 AR-1268-2

R.T.: 8.365 min
Delta R.T.: 0.050 min
Response: 72884
Conc: 0.19 ng/ml



#42 AR-1268-2

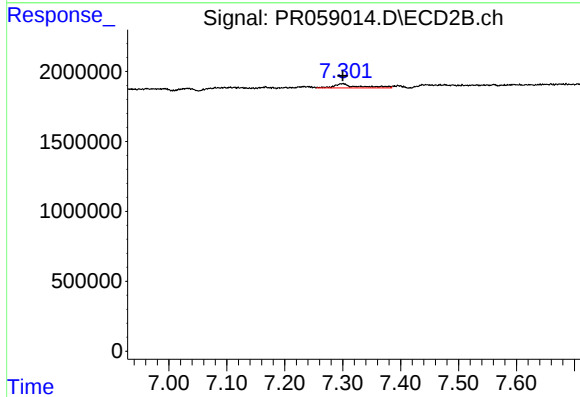
R.T.: 7.107 min
Delta R.T.: 0.028 min
Response: 566055
Conc: 0.80 ng/ml



#43 AR-1268-3

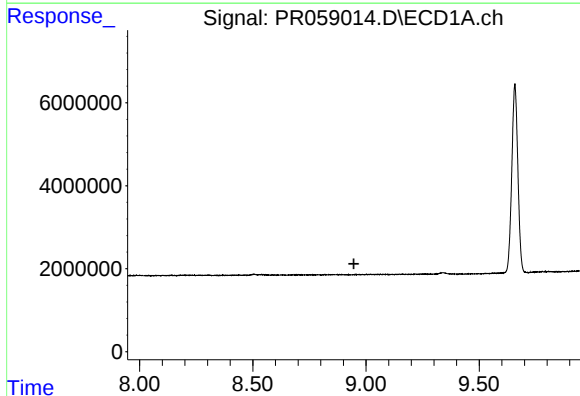
R.T.: 8.532 min
Delta R.T.: -0.004 min
Response: 64229
Conc: 0.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



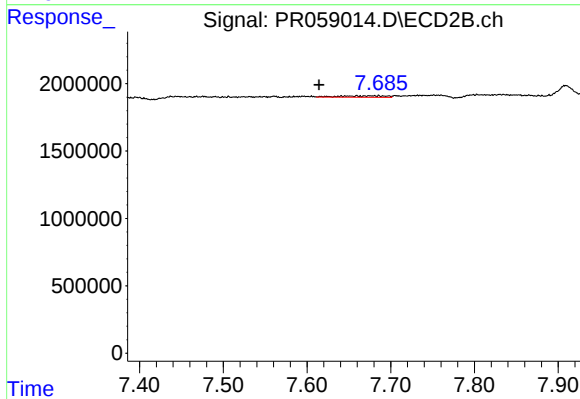
#43 AR-1268-3

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 897394
Conc: 1.48 ng/ml



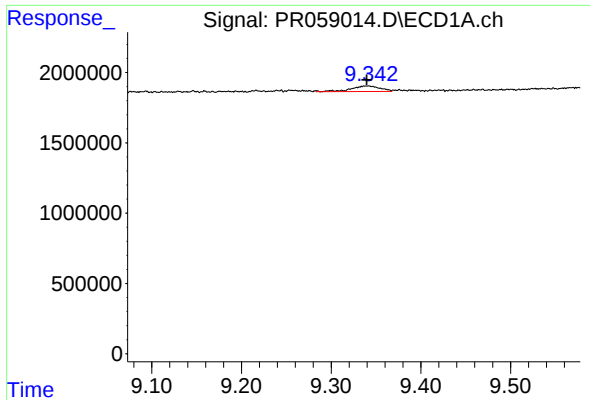
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.946 min
Response: 0
Conc: N.D.



#44 AR-1268-4

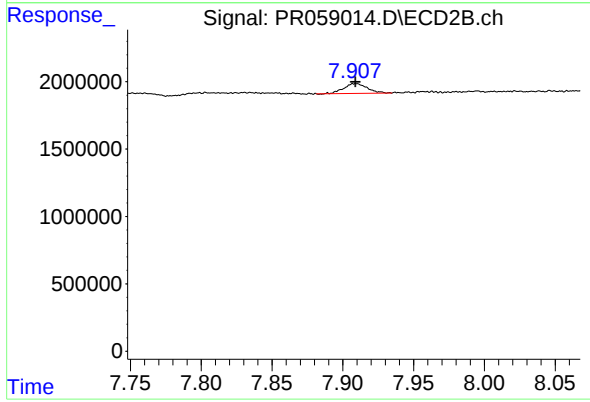
R.T.: 7.680 min
Delta R.T.: 0.066 min
Response: 395518
Conc: 1.65 ng/ml



#45 AR-1268-5

R.T.: 9.341 min
Delta R.T.: 0.002 min
Response: 875058
Conc: 0.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.909 min
Delta R.T.: 0.000 min
Response: 828152
Conc: 0.44 ng/ml