

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112223\
 Data File : PR064518.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2023 23:04
 Operator : AJ\MA
 Sample : 05473-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 00:43:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112023CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 05:53:23 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...	3.704	3.011	125.6E6	123.7E6	20.610	21.755
2)	SA Decachlor...	9.723	8.389	75079292	94818718	21.267	21.898
Target Compounds							
3)	L1 AR-1016-1	4.893f	4.157	2751865	441699	15.099	2.315 #
4)	L1 AR-1016-2	4.893f	4.179	2751865	263571	10.265	0.994 #
5)	L1 AR-1016-3	0.000	4.362	0	855210	N.D.	5.993 #
6)	L1 AR-1016-4	5.189f	4.405	485779	29887	3.559	0.280 #
7)	L1 AR-1016-5	5.512f	4.589f	464013	18233	3.503	0.127 #
8)	L2 AR-1221-1	3.927	3.269	3690288	30483	53.184	0.475 #
9)	L2 AR-1221-2	4.019	3.320	1695898	3893274	35.842	87.810 #
10)	L2 AR-1221-3	0.000	3.408	0	324788	N.D.	2.124 #
11)	L3 AR-1232-1	0.000	3.408	0	324788	N.D.	2.577 #
12)	L3 AR-1232-2	4.678	4.179	769637	263571	12.053	2.170 #
13)	L3 AR-1232-3	4.893f	4.362	2751865	855210	23.078	13.393 #
14)	L3 AR-1232-4	5.189f	4.442	485779	503065	8.215	8.762
15)	L3 AR-1232-5	5.189f	4.589f	485779	18233	10.994	0.292 #
16)	L4 AR-1242-1	4.893f	4.157	2751865	441699	17.956	2.718 #
17)	L4 AR-1242-2	4.893f	4.179	2751865	263571	12.272	1.181 #
18)	L4 AR-1242-3	0.000	4.362	0	855210	N.D.	7.124 #
19)	L4 AR-1242-4	5.189f	4.442	485779	503065	4.227	4.394
20)	L4 AR-1242-5	5.925	5.034	683648	5112900	5.932	34.491 #
21)	L5 AR-1248-1	4.893f	4.157	2751865	441699	23.299	3.577 #
22)	L5 AR-1248-2	5.189f	4.405	485779	29887	2.975	0.183 #
23)	L5 AR-1248-3	5.512f	4.442	464013	503065	2.459	2.929
24)	L5 AR-1248-4	5.866	4.589f	1085193	18233	5.309	0.088 #
25)	L5 AR-1248-5	5.925	5.076	683648	1086092	3.377	5.246 #
26)	L6 AR-1254-1	5.866	5.034	1085193	5112900	5.344	16.512 #
27)	L6 AR-1254-2	6.085	5.179	288419	3053141	0.939	11.371 #
28)	L6 AR-1254-3	6.484	5.592	649632	7466709	2.069	17.607 #
29)	L6 AR-1254-4	0.000	5.855	0	2407614	N.D.	9.114 #
30)	L6 AR-1254-5	7.316f	6.306	415502	1743257	1.778	4.616 #
31)	L7 AR-1260-1	6.679	5.759	557341	2019996	2.332	6.910 #
32)	L7 AR-1260-2	6.908f	5.925	1915953	2319547	7.005	6.615
33)	L7 AR-1260-3	7.357	6.133	350937	4857278	1.766	14.420 #
35)	L7 AR-1260-5	7.903f	6.878	1459919	2403670	3.517	3.815
36)	L8 AR-1262-1	7.357	6.402f	350937	1183505	1.220	3.049 #
37)	L8 AR-1262-2	7.903f	6.927	1459919	3306766	3.148	4.758 #
38)	L8 AR-1262-3	0.000	7.193	0	1074531	N.D.	4.323 #
39)	L8 AR-1262-4	8.377	7.273	985933	1013723	4.275	2.009 #
40)	L8 AR-1262-5	0.000	7.883f	0	2388025	N.D.	10.561 #
41)	L9 AR-1268-1	0.000	7.193	0	1074531	N.D.	1.496 #
42)	L9 AR-1268-2	8.377	7.273	985933	1013723	2.105	1.414 #

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 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
43) L9	AR-1268-3	8.581	7.514	280738	505794	0.685	0.827
44) L9	AR-1268-4	0.000	7.883f	0	2388025	N.D.	9.521 #
45) L9	AR-1268-5	9.399	8.128	1313874	848260	1.016	0.466 #

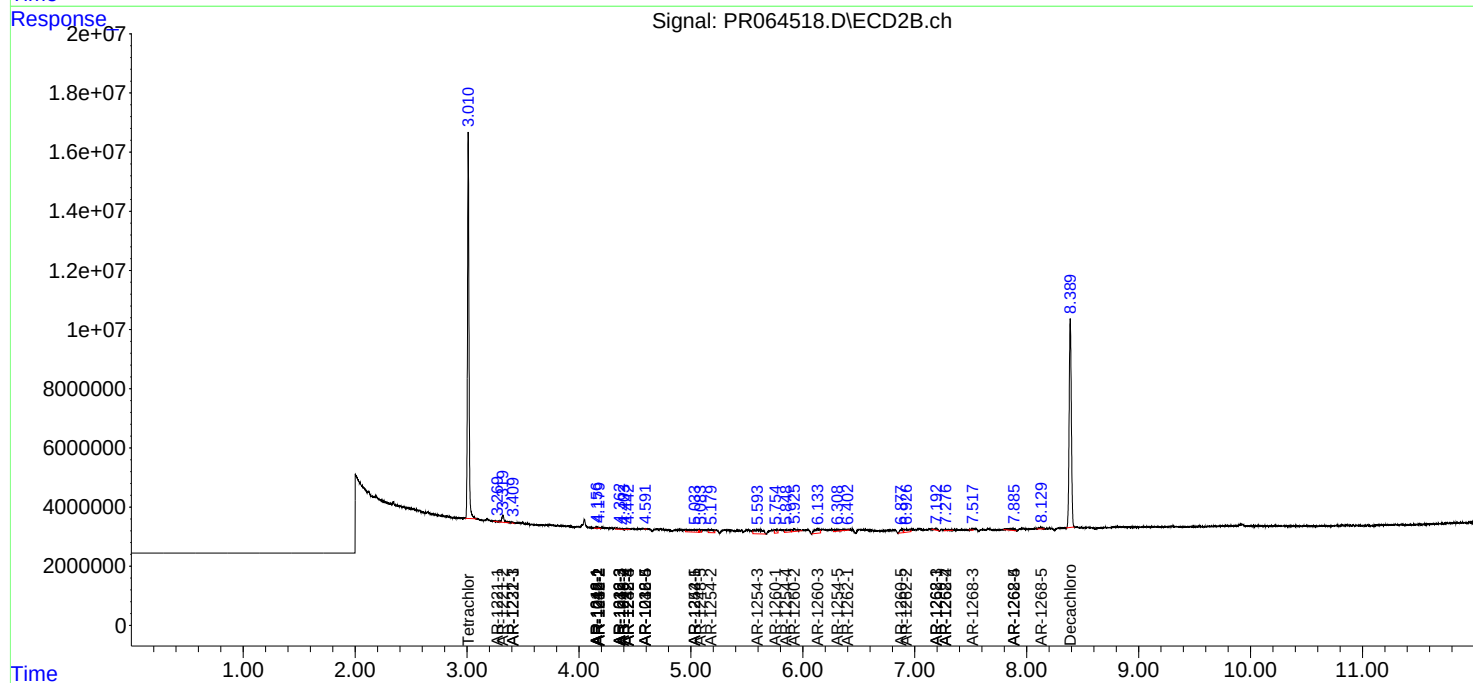
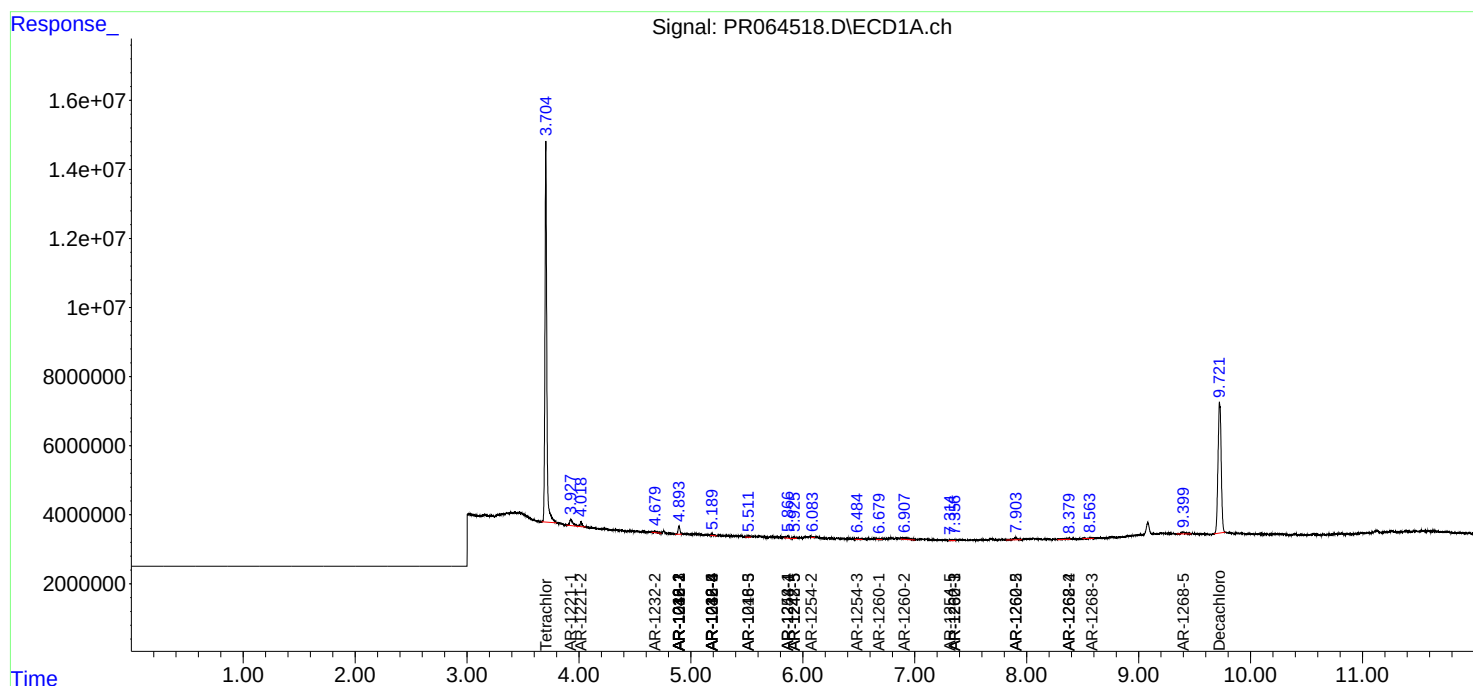
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

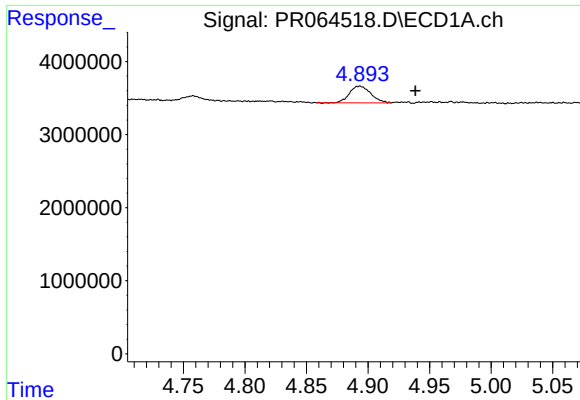
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

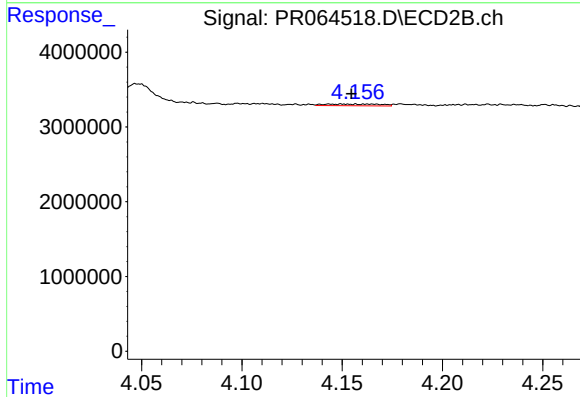




#3 AR-1016-1

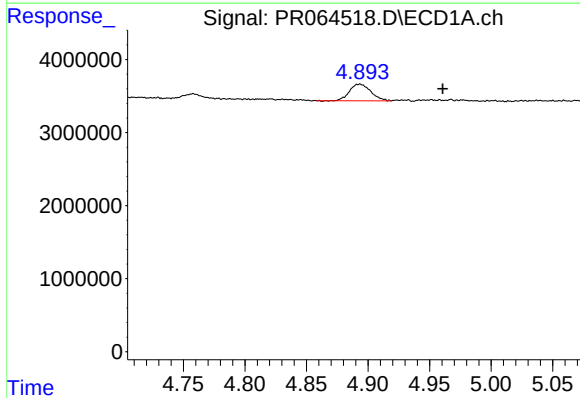
R.T.: 4.893 min
Delta R.T.: -0.045 min
Response: 2751865
Conc: 15.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



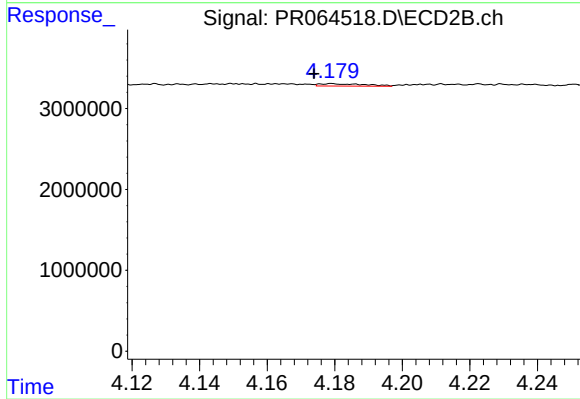
#3 AR-1016-1

R.T.: 4.157 min
Delta R.T.: 0.002 min
Response: 441699
Conc: 2.31 ng/ml



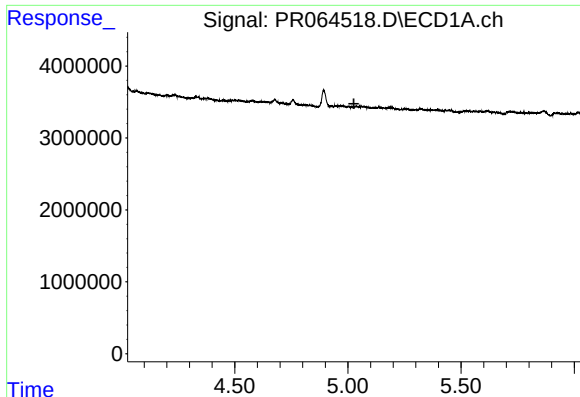
#4 AR-1016-2

R.T.: 4.893 min
Delta R.T.: -0.067 min
Response: 2751865
Conc: 10.26 ng/ml



#4 AR-1016-2

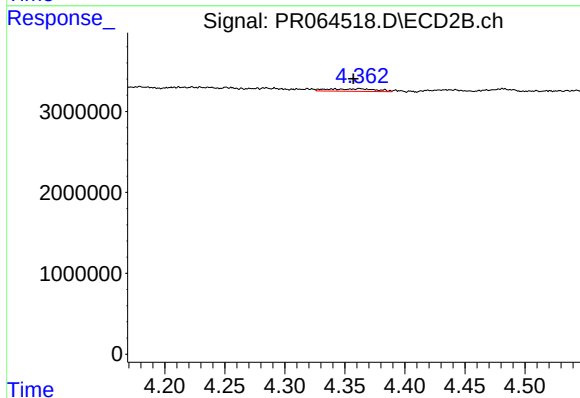
R.T.: 4.179 min
Delta R.T.: 0.005 min
Response: 263571
Conc: 0.99 ng/ml



#5 AR-1016-3

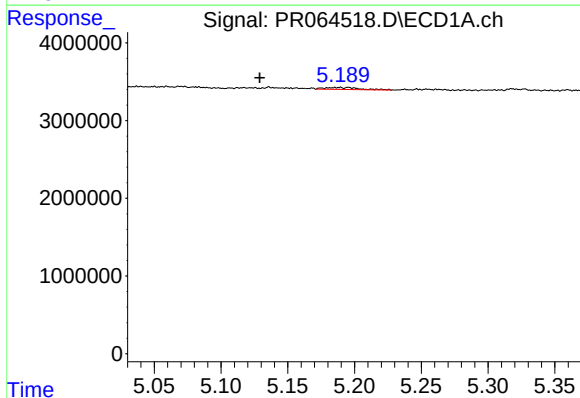
R.T.: 0.000 min
Exp R.T.: 5.026 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



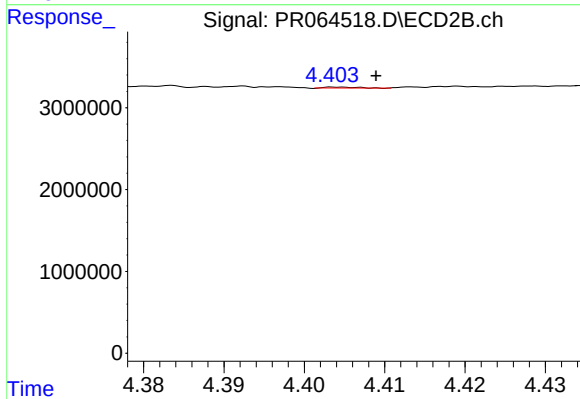
#5 AR-1016-3

R.T.: 4.362 min
Delta R.T.: 0.006 min
Response: 855210
Conc: 5.99 ng/ml



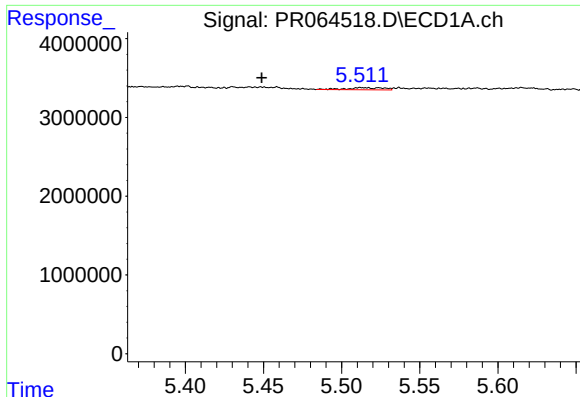
#6 AR-1016-4

R.T.: 5.189 min
Delta R.T.: 0.060 min
Response: 485779
Conc: 3.56 ng/ml



#6 AR-1016-4

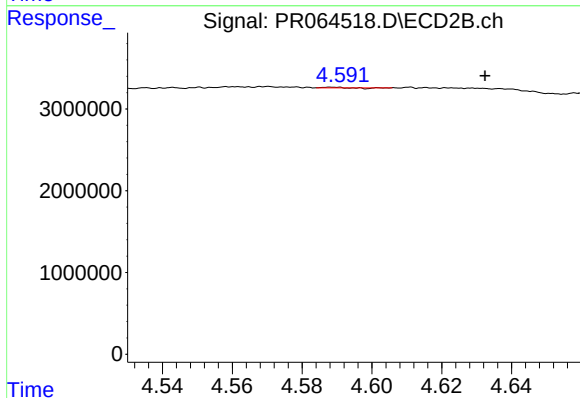
R.T.: 4.405 min
Delta R.T.: -0.004 min
Response: 29887
Conc: 0.28 ng/ml



#7 AR-1016-5

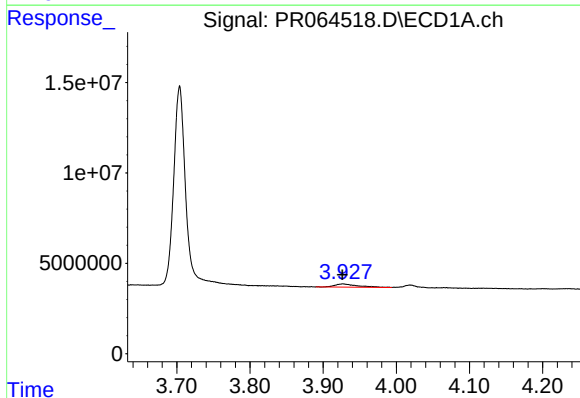
R.T.: 5.512 min
Delta R.T.: 0.063 min
Response: 464013
Conc: 3.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



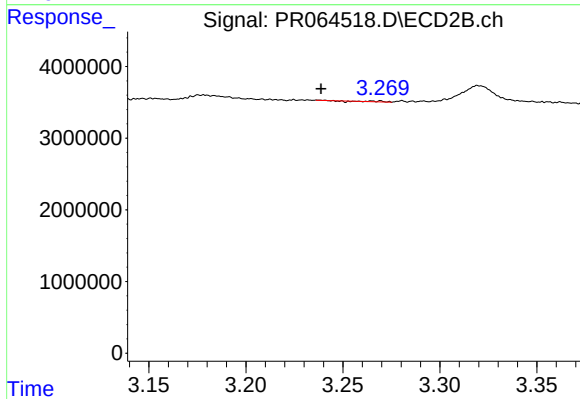
#7 AR-1016-5

R.T.: 4.589 min
Delta R.T.: -0.044 min
Response: 18233
Conc: 0.13 ng/ml



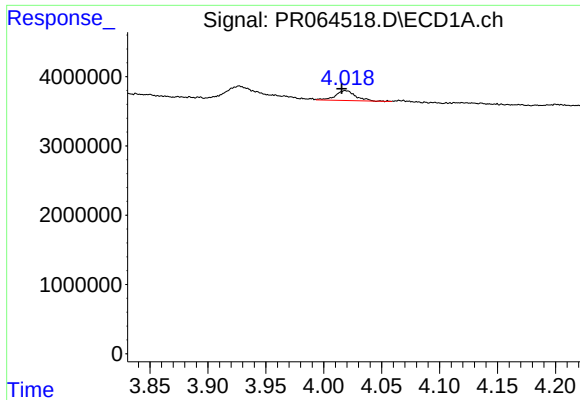
#8 AR-1221-1

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 3690288
Conc: 53.18 ng/ml



#8 AR-1221-1

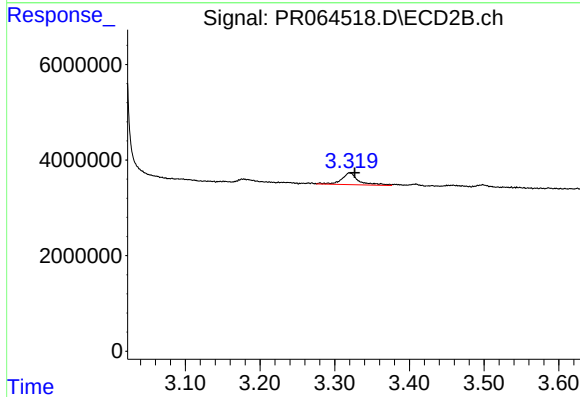
R.T.: 3.269 min
Delta R.T.: 0.031 min
Response: 30483
Conc: 0.47 ng/ml



#9 AR-1221-2

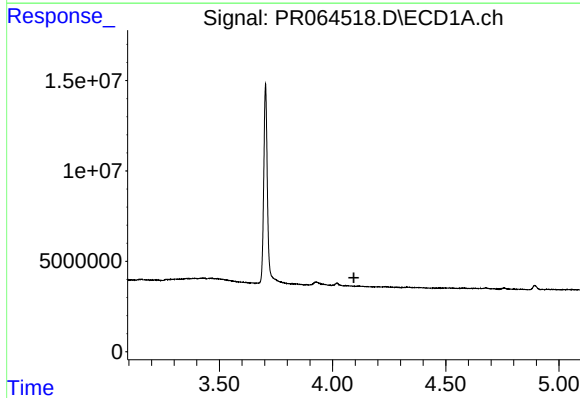
R.T.: 4.019 min
Delta R.T.: 0.003 min
Response: 1695898
Conc: 35.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



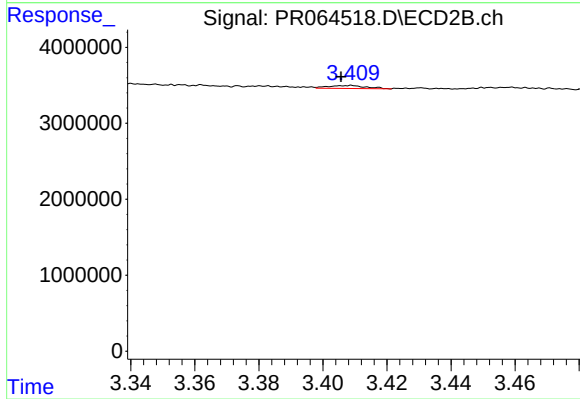
#9 AR-1221-2

R.T.: 3.320 min
Delta R.T.: -0.007 min
Response: 3893274
Conc: 87.81 ng/ml



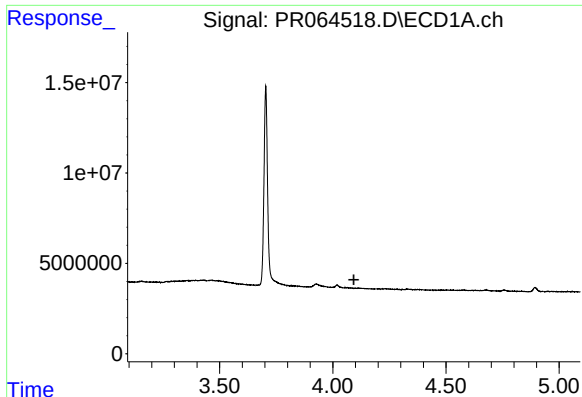
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.094 min
Response: 0
Conc: N.D.



#10 AR-1221-3

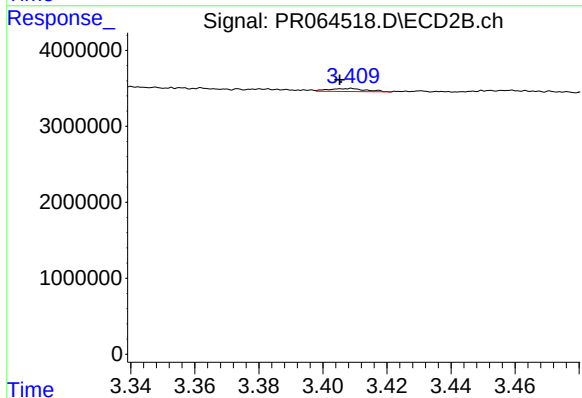
R.T.: 3.408 min
Delta R.T.: 0.003 min
Response: 324788
Conc: 2.12 ng/ml



#11 AR-1232-1

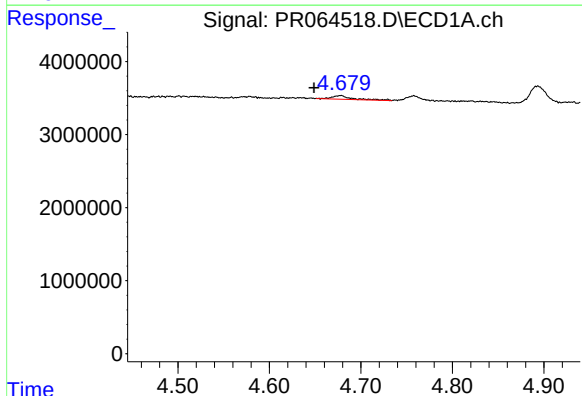
R.T.: 0.000 min
Exp R.T.: 4.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



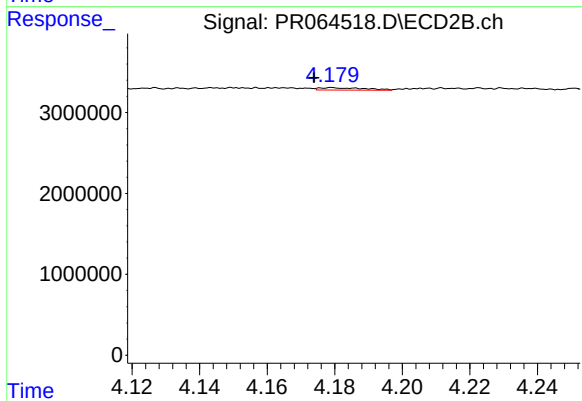
#11 AR-1232-1

R.T.: 3.408 min
Delta R.T.: 0.003 min
Response: 324788
Conc: 2.58 ng/ml



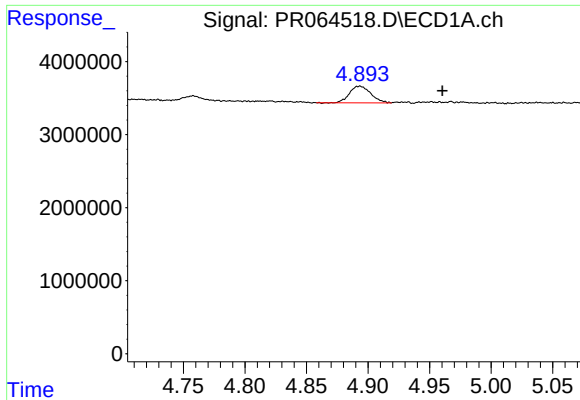
#12 AR-1232-2

R.T.: 4.678 min
Delta R.T.: 0.029 min
Response: 769637
Conc: 12.05 ng/ml



#12 AR-1232-2

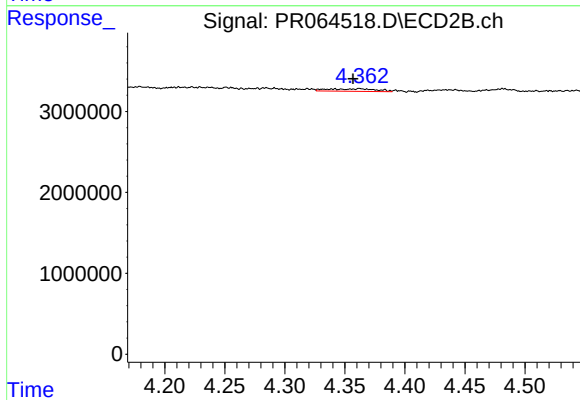
R.T.: 4.179 min
Delta R.T.: 0.005 min
Response: 263571
Conc: 2.17 ng/ml



#13 AR-1232-3

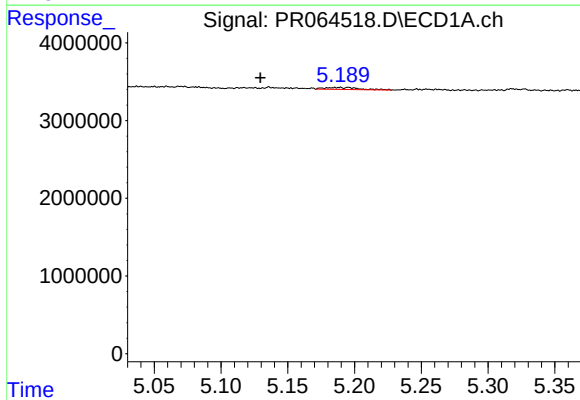
R.T.: 4.893 min
Delta R.T.: -0.067 min
Response: 2751865
Conc: 23.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



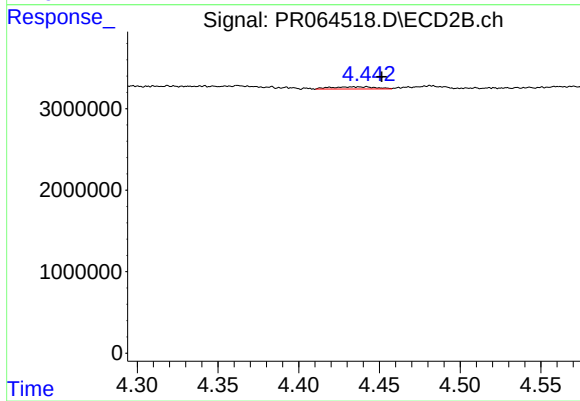
#13 AR-1232-3

R.T.: 4.362 min
Delta R.T.: 0.006 min
Response: 855210
Conc: 13.39 ng/ml



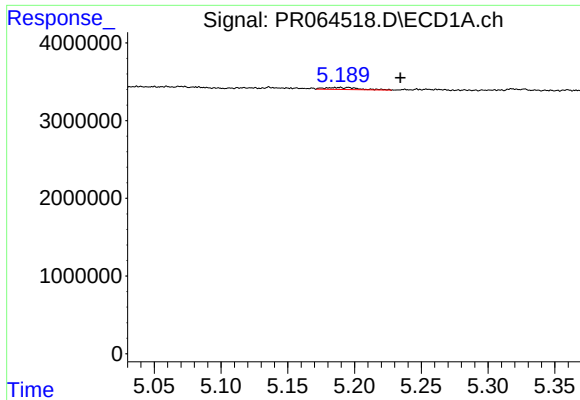
#14 AR-1232-4

R.T.: 5.189 min
Delta R.T.: 0.060 min
Response: 485779
Conc: 8.22 ng/ml



#14 AR-1232-4

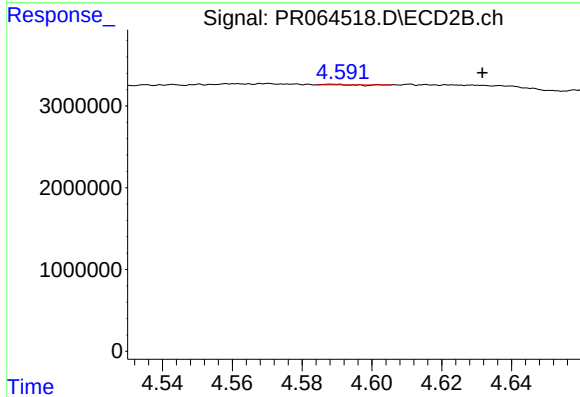
R.T.: 4.442 min
Delta R.T.: -0.009 min
Response: 503065
Conc: 8.76 ng/ml



#15 AR-1232-5

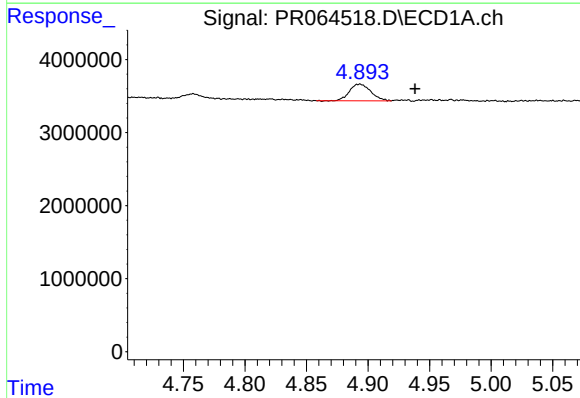
R.T.: 5.189 min
Delta R.T.: -0.045 min
Response: 485779
Conc: 10.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



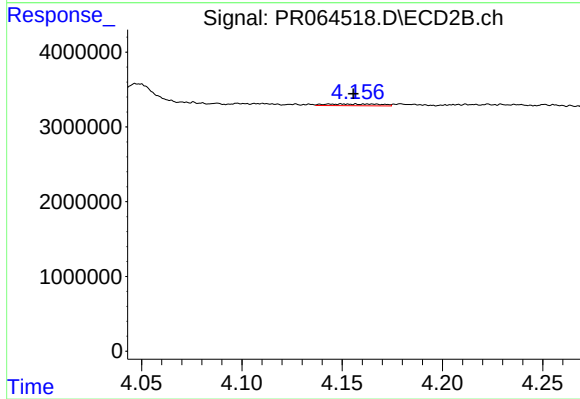
#15 AR-1232-5

R.T.: 4.589 min
Delta R.T.: -0.043 min
Response: 18233
Conc: 0.29 ng/ml



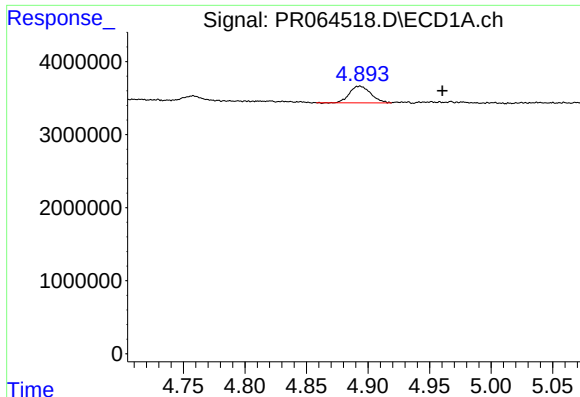
#16 AR-1242-1

R.T.: 4.893 min
Delta R.T.: -0.045 min
Response: 2751865
Conc: 17.96 ng/ml



#16 AR-1242-1

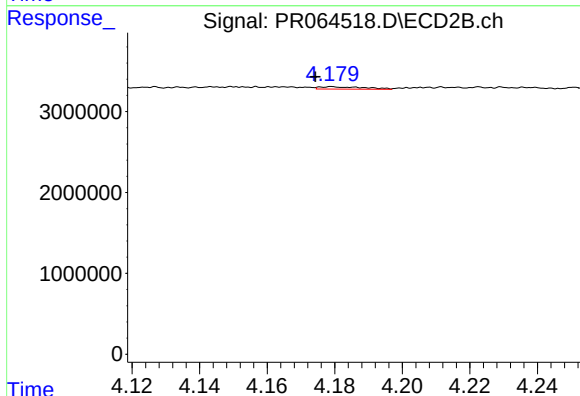
R.T.: 4.157 min
Delta R.T.: 0.001 min
Response: 441699
Conc: 2.72 ng/ml



#17 AR-1242-2

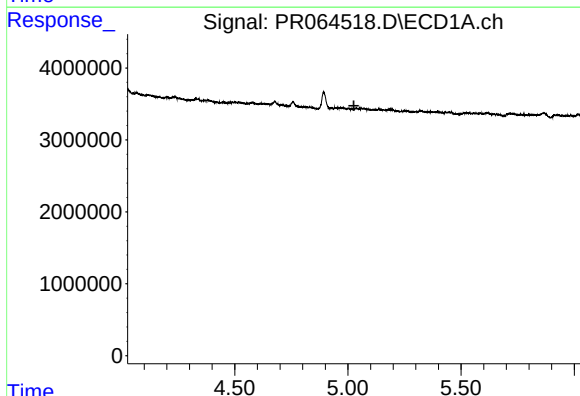
R.T.: 4.893 min
Delta R.T.: -0.067 min
Response: 2751865
Conc: 12.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



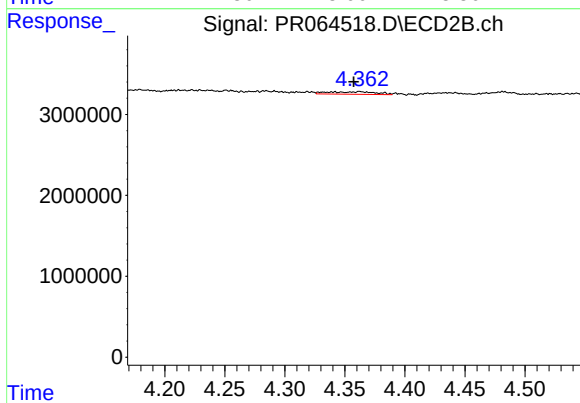
#17 AR-1242-2

R.T.: 4.179 min
Delta R.T.: 0.005 min
Response: 263571
Conc: 1.18 ng/ml



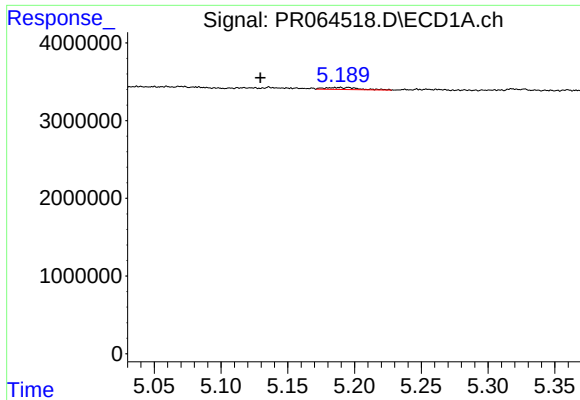
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.026 min
Response: 0
Conc: N.D.



#18 AR-1242-3

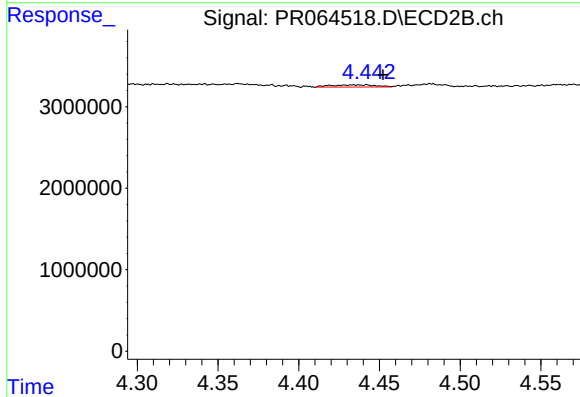
R.T.: 4.362 min
Delta R.T.: 0.005 min
Response: 855210
Conc: 7.12 ng/ml



#19 AR-1242-4

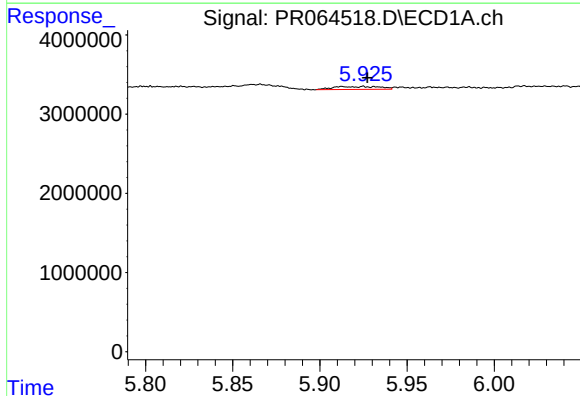
R.T.: 5.189 min
Delta R.T.: 0.060 min
Response: 485779
Conc: 4.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



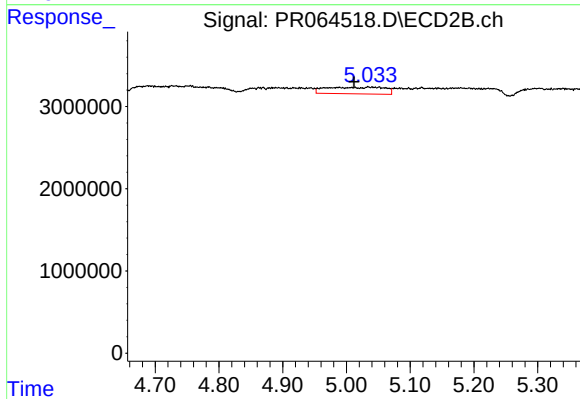
#19 AR-1242-4

R.T.: 4.442 min
Delta R.T.: -0.010 min
Response: 503065
Conc: 4.39 ng/ml



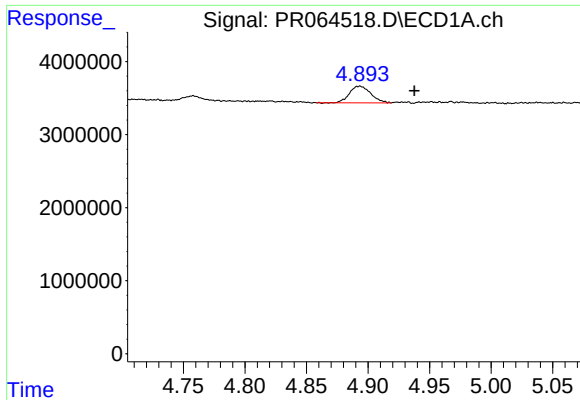
#20 AR-1242-5

R.T.: 5.925 min
Delta R.T.: -0.002 min
Response: 683648
Conc: 5.93 ng/ml



#20 AR-1242-5

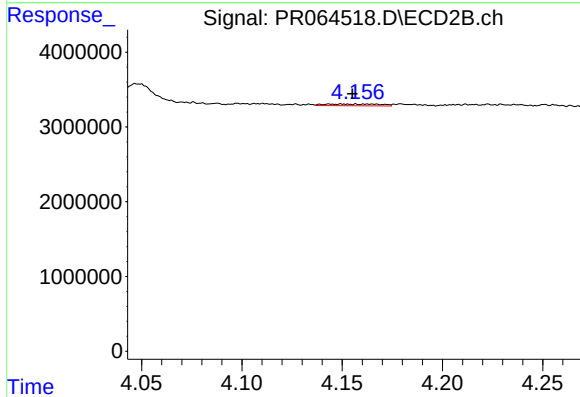
R.T.: 5.034 min
Delta R.T.: 0.022 min
Response: 5112900
Conc: 34.49 ng/ml



#21 AR-1248-1

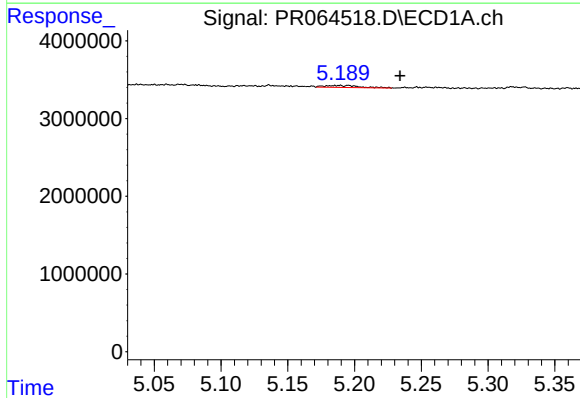
R.T.: 4.893 min
Delta R.T.: -0.045 min
Response: 2751865
Conc: 23.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



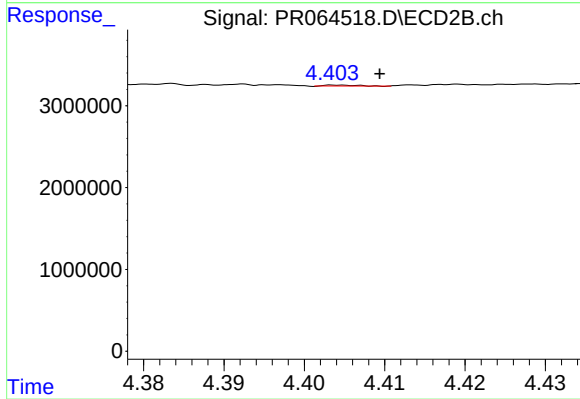
#21 AR-1248-1

R.T.: 4.157 min
Delta R.T.: 0.002 min
Response: 441699
Conc: 3.58 ng/ml



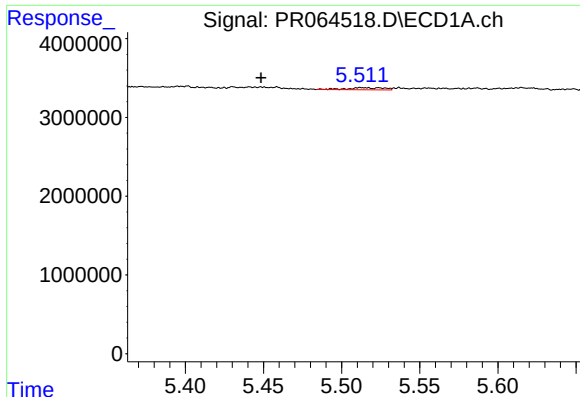
#22 AR-1248-2

R.T.: 5.189 min
Delta R.T.: -0.045 min
Response: 485779
Conc: 2.97 ng/ml



#22 AR-1248-2

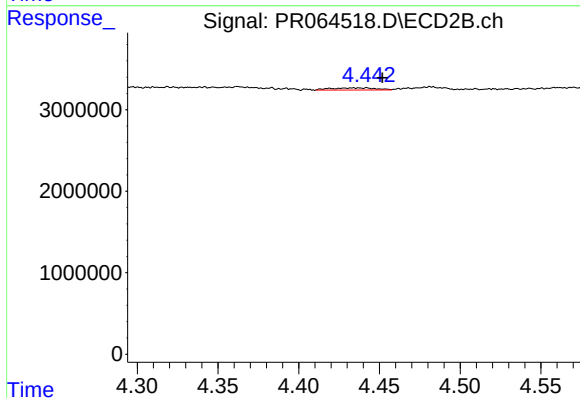
R.T.: 4.405 min
Delta R.T.: -0.004 min
Response: 29887
Conc: 0.18 ng/ml



#23 AR-1248-3

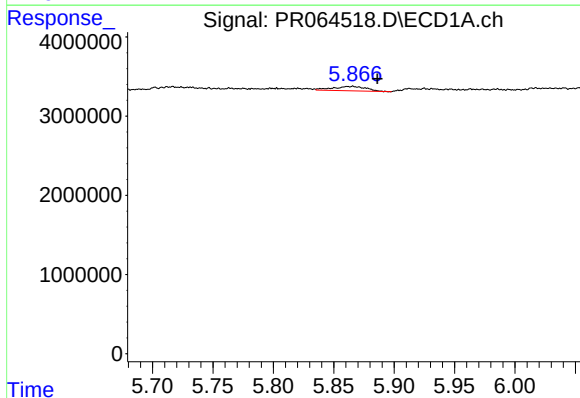
R.T.: 5.512 min
Delta R.T.: 0.064 min
Response: 464013
Conc: 2.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



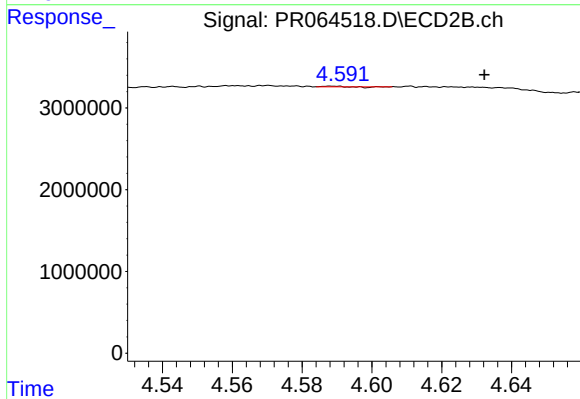
#23 AR-1248-3

R.T.: 4.442 min
Delta R.T.: -0.010 min
Response: 503065
Conc: 2.93 ng/ml



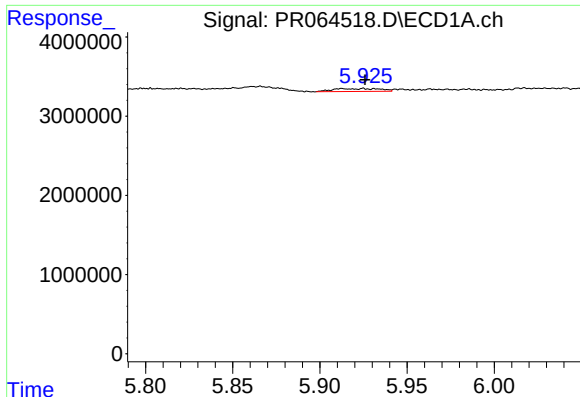
#24 AR-1248-4

R.T.: 5.866 min
Delta R.T.: -0.020 min
Response: 1085193
Conc: 5.31 ng/ml



#24 AR-1248-4

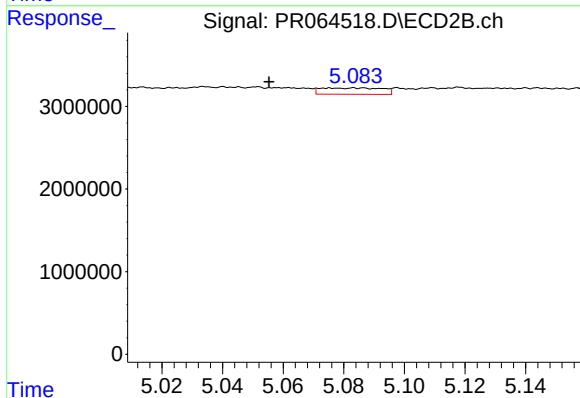
R.T.: 4.589 min
Delta R.T.: -0.043 min
Response: 18233
Conc: 0.09 ng/ml



#25 AR-1248-5

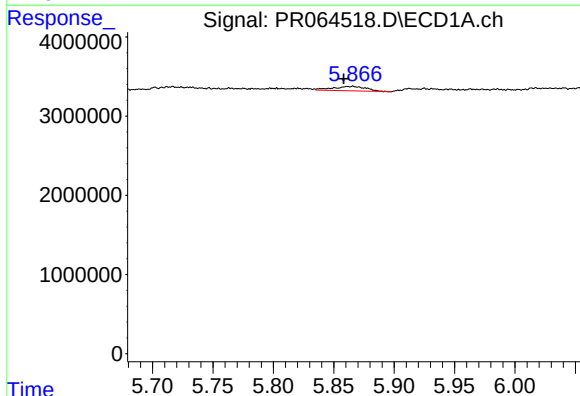
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 683648
Conc: 3.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



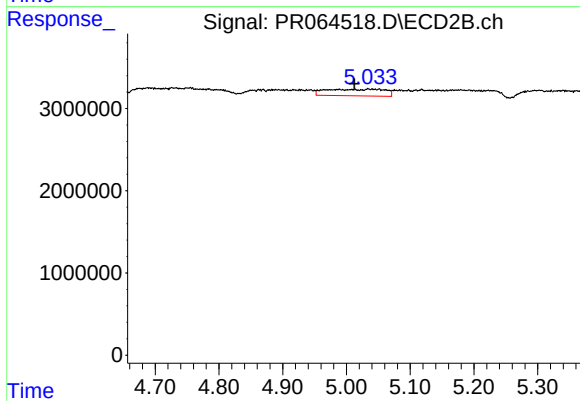
#25 AR-1248-5

R.T.: 5.076 min
Delta R.T.: 0.021 min
Response: 1086092
Conc: 5.25 ng/ml



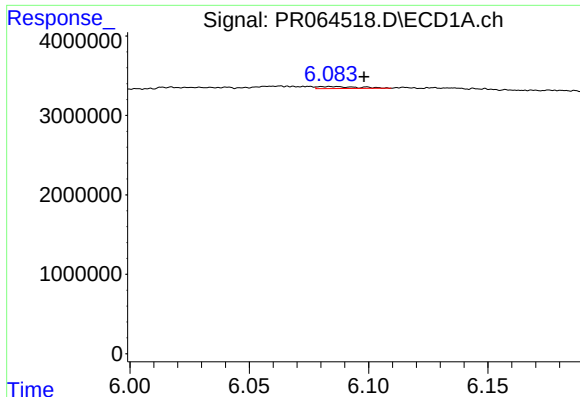
#26 AR-1254-1

R.T.: 5.866 min
Delta R.T.: 0.008 min
Response: 1085193
Conc: 5.34 ng/ml



#26 AR-1254-1

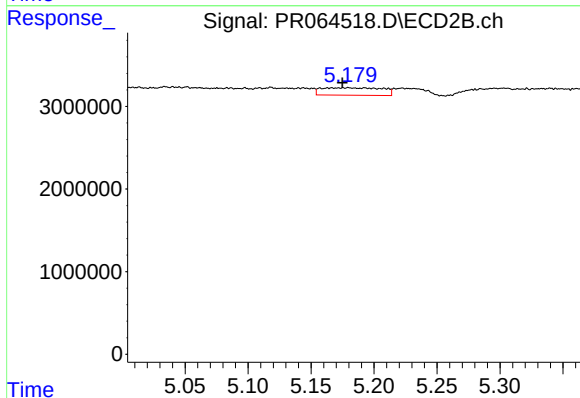
R.T.: 5.034 min
Delta R.T.: 0.022 min
Response: 5112900
Conc: 16.51 ng/ml



#27 AR-1254-2

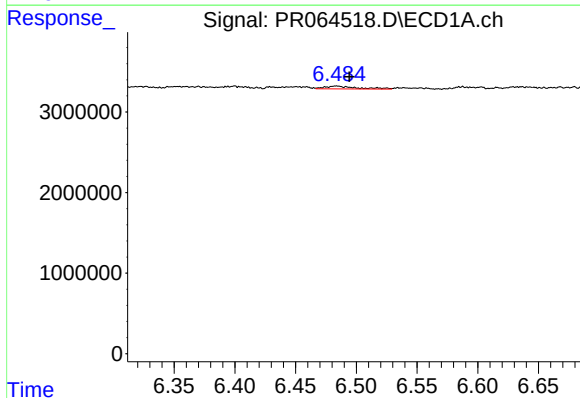
R.T.: 6.085 min
Delta R.T.: -0.013 min
Response: 288419
Conc: 0.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



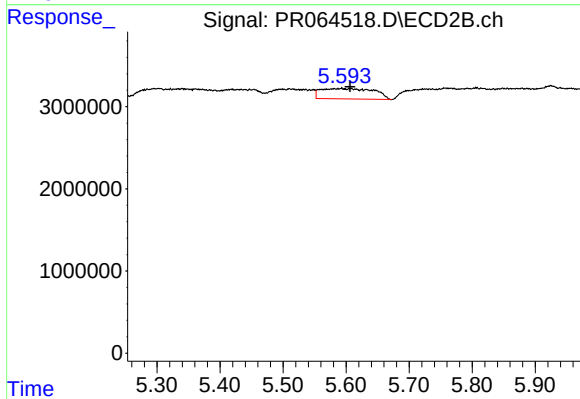
#27 AR-1254-2

R.T.: 5.179 min
Delta R.T.: 0.004 min
Response: 3053141
Conc: 11.37 ng/ml



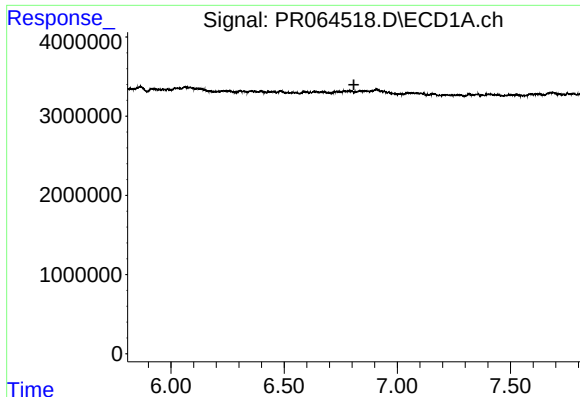
#28 AR-1254-3

R.T.: 6.484 min
Delta R.T.: -0.011 min
Response: 649632
Conc: 2.07 ng/ml



#28 AR-1254-3

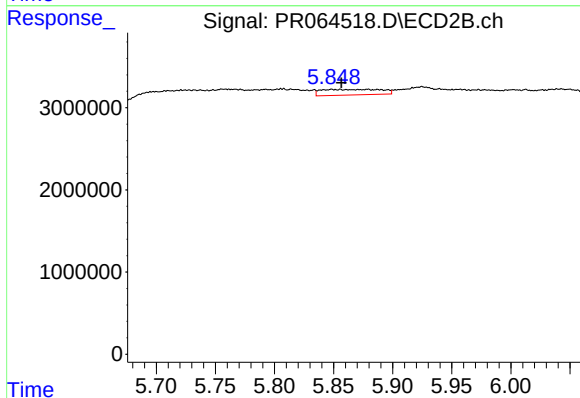
R.T.: 5.592 min
Delta R.T.: -0.014 min
Response: 7466709
Conc: 17.61 ng/ml



#29 AR-1254-4

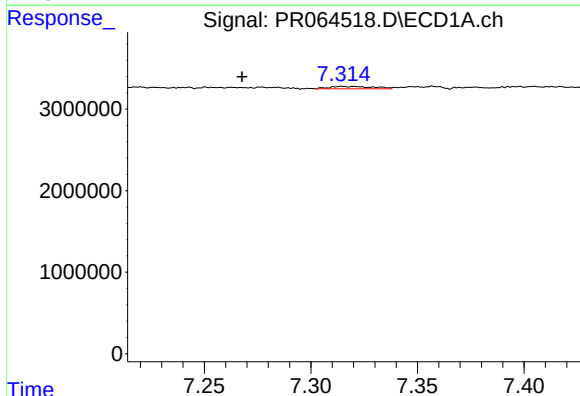
R.T.: 0.000 min
Exp R.T.: 6.808 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



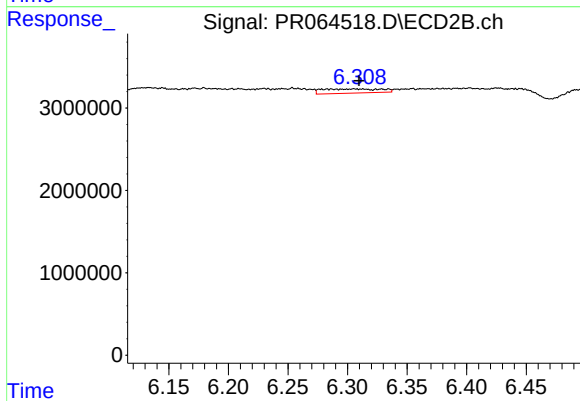
#29 AR-1254-4

R.T.: 5.855 min
Delta R.T.: -0.001 min
Response: 2407614
Conc: 9.11 ng/ml



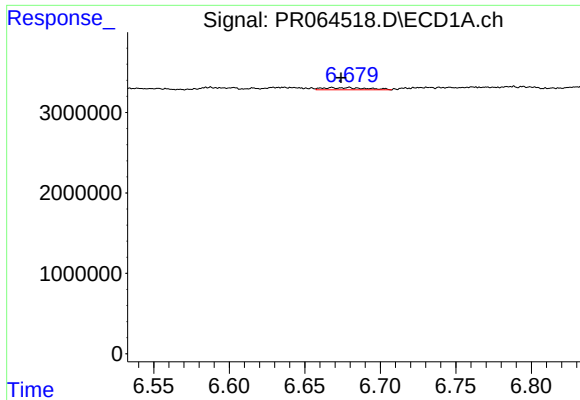
#30 AR-1254-5

R.T.: 7.316 min
Delta R.T.: 0.048 min
Response: 415502
Conc: 1.78 ng/ml



#30 AR-1254-5

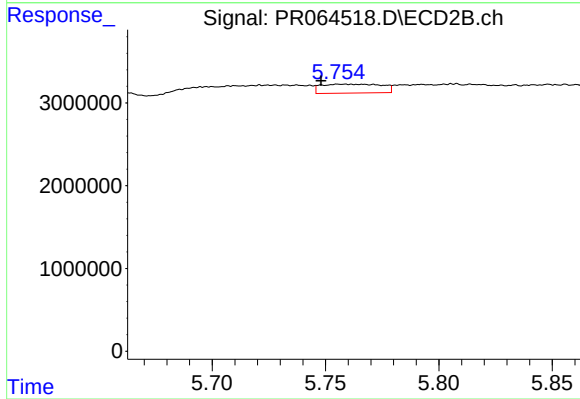
R.T.: 6.306 min
Delta R.T.: -0.003 min
Response: 1743257
Conc: 4.62 ng/ml



#31 AR-1260-1

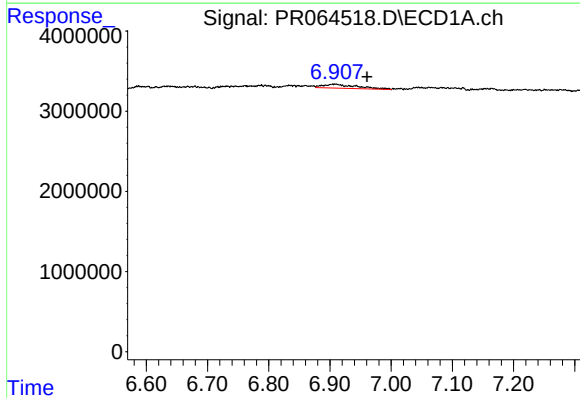
R.T.: 6.679 min
Delta R.T.: 0.005 min
Response: 557341
Conc: 2.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



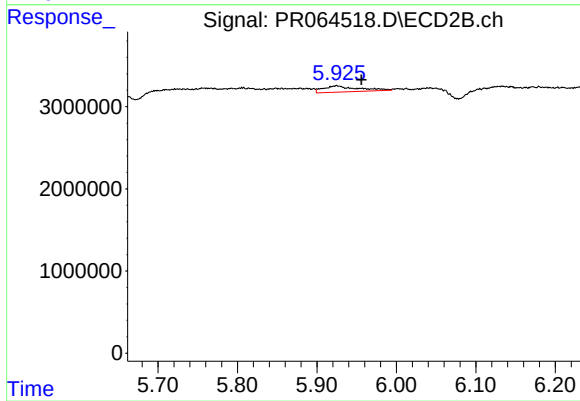
#31 AR-1260-1

R.T.: 5.759 min
Delta R.T.: 0.011 min
Response: 2019996
Conc: 6.91 ng/ml



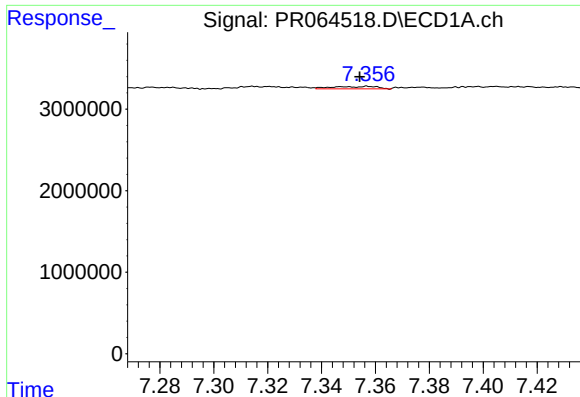
#32 AR-1260-2

R.T.: 6.908 min
Delta R.T.: -0.053 min
Response: 1915953
Conc: 7.01 ng/ml



#32 AR-1260-2

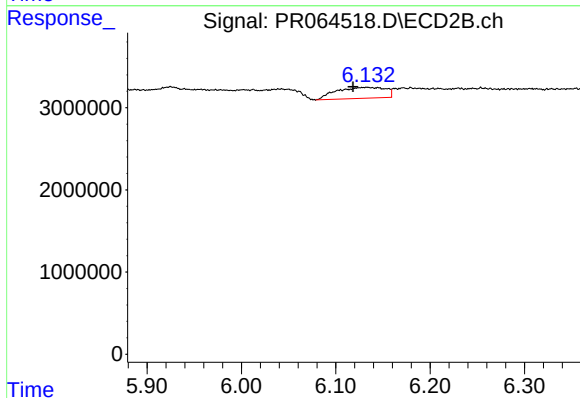
R.T.: 5.925 min
Delta R.T.: -0.031 min
Response: 2319547
Conc: 6.61 ng/ml



#33 AR-1260-3

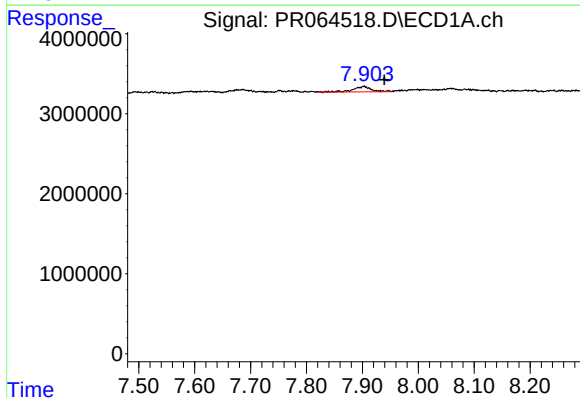
R.T.: 7.357 min
Delta R.T.: 0.003 min
Response: 350937
Conc: 1.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



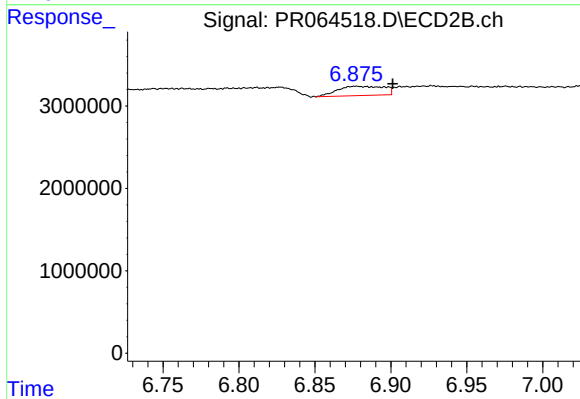
#33 AR-1260-3

R.T.: 6.133 min
Delta R.T.: 0.014 min
Response: 4857278
Conc: 14.42 ng/ml



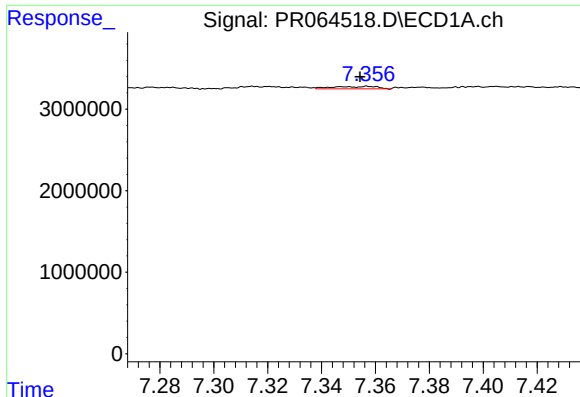
#35 AR-1260-5

R.T.: 7.903 min
Delta R.T.: -0.037 min
Response: 1459919
Conc: 3.52 ng/ml



#35 AR-1260-5

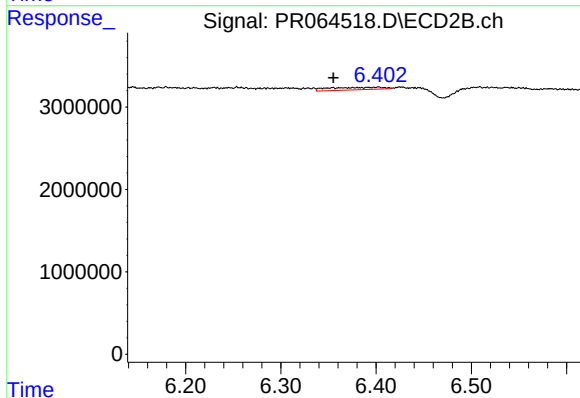
R.T.: 6.878 min
Delta R.T.: -0.024 min
Response: 2403670
Conc: 3.81 ng/ml



#36 AR-1262-1

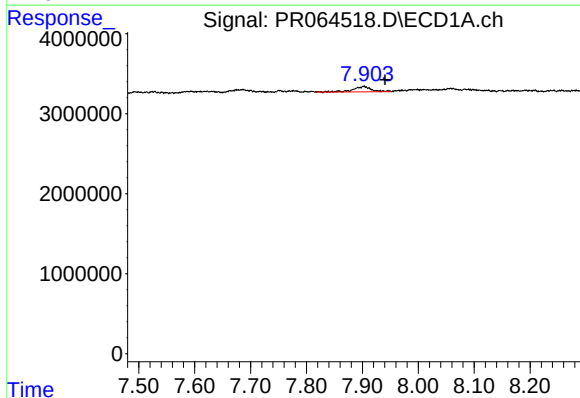
R.T.: 7.357 min
Delta R.T.: 0.002 min
Response: 350937
Conc: 1.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



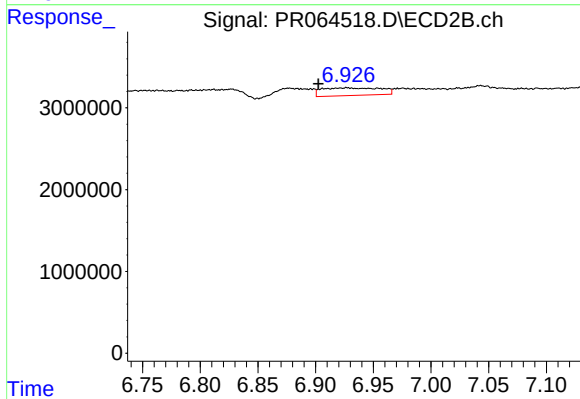
#36 AR-1262-1

R.T.: 6.402 min
Delta R.T.: 0.047 min
Response: 1183505
Conc: 3.05 ng/ml



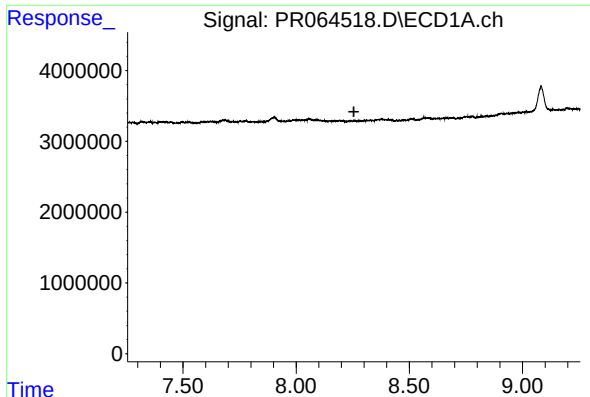
#37 AR-1262-2

R.T.: 7.903 min
Delta R.T.: -0.038 min
Response: 1459919
Conc: 3.15 ng/ml



#37 AR-1262-2

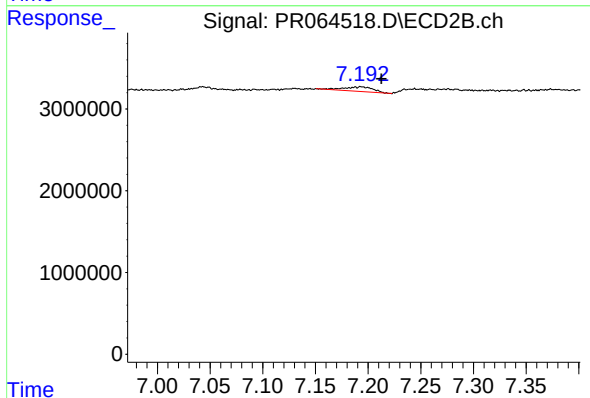
R.T.: 6.927 min
Delta R.T.: 0.024 min
Response: 3306766
Conc: 4.76 ng/ml



#38 AR-1262-3

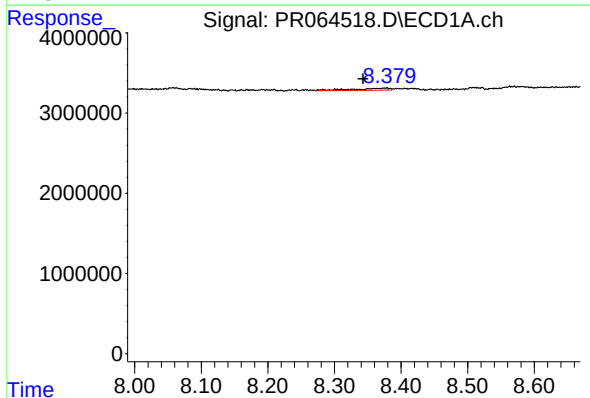
R.T.: 0.000 min
Exp R.T.: 8.255 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



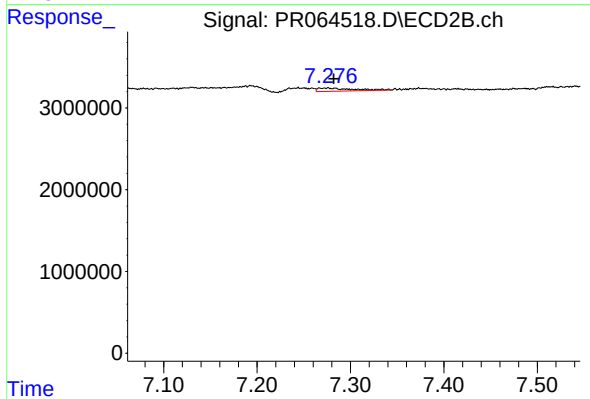
#38 AR-1262-3

R.T.: 7.193 min
Delta R.T.: -0.020 min
Response: 1074531
Conc: 4.32 ng/ml



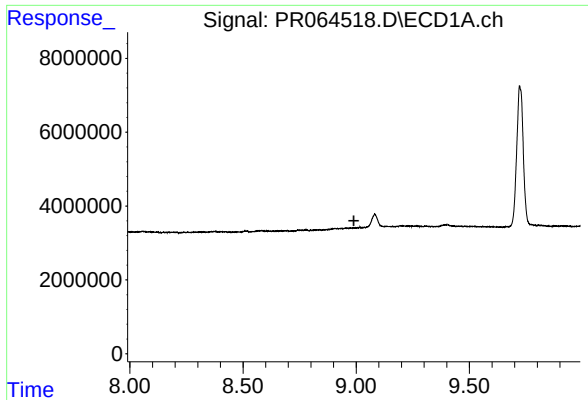
#39 AR-1262-4

R.T.: 8.377 min
Delta R.T.: 0.034 min
Response: 985933
Conc: 4.28 ng/ml



#39 AR-1262-4

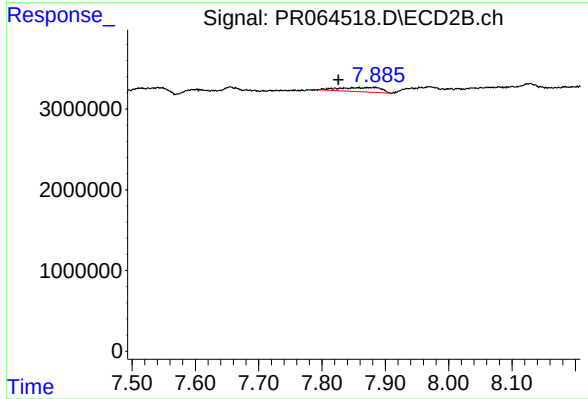
R.T.: 7.273 min
Delta R.T.: -0.009 min
Response: 1013723
Conc: 2.01 ng/ml



#40 AR-1262-5

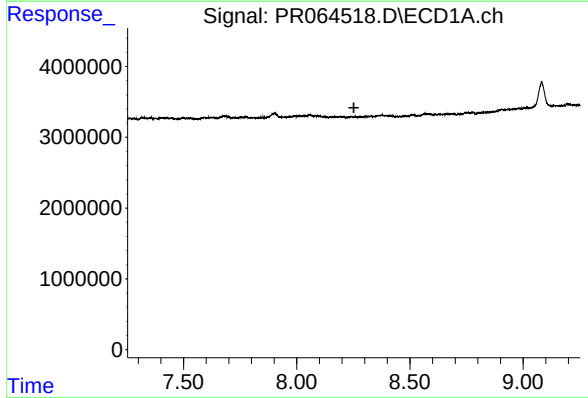
R.T.: 0.000 min
Exp R.T.: 8.990 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



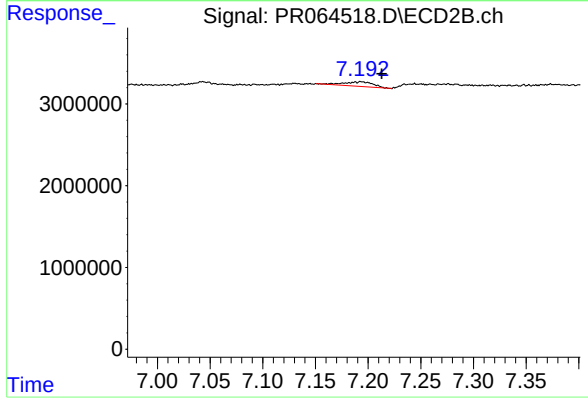
#40 AR-1262-5

R.T.: 7.883 min
Delta R.T.: 0.057 min
Response: 2388025
Conc: 10.56 ng/ml



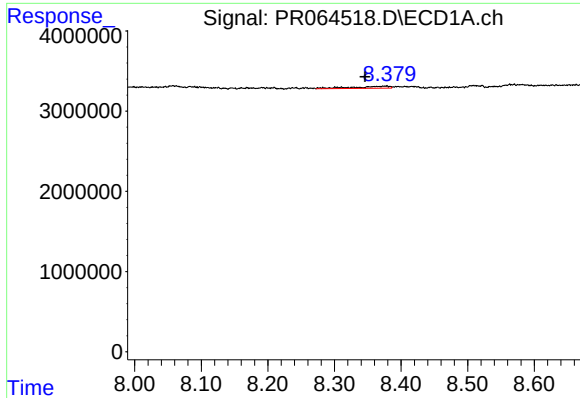
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.252 min
Response: 0
Conc: N.D.



#41 AR-1268-1

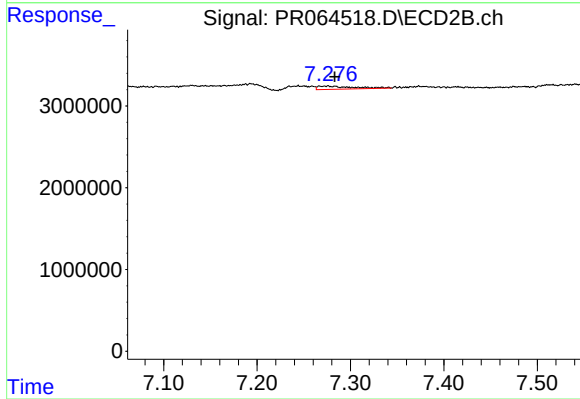
R.T.: 7.193 min
Delta R.T.: -0.020 min
Response: 1074531
Conc: 1.50 ng/ml



#42 AR-1268-2

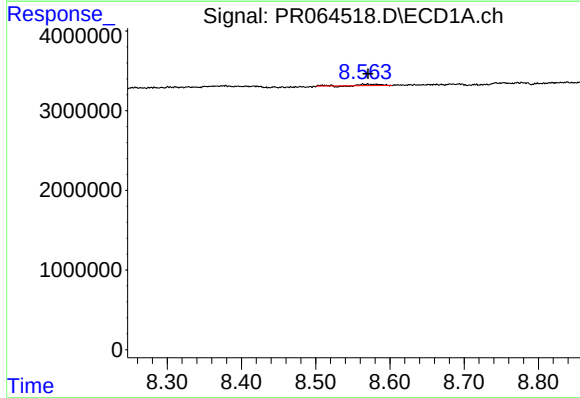
R.T.: 8.377 min
Delta R.T.: 0.031 min
Response: 985933
Conc: 2.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



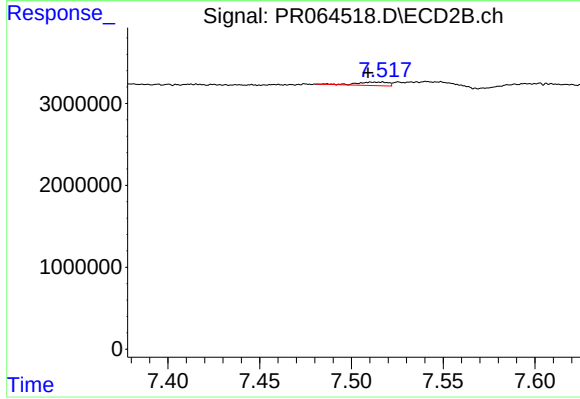
#42 AR-1268-2

R.T.: 7.273 min
Delta R.T.: -0.010 min
Response: 1013723
Conc: 1.41 ng/ml



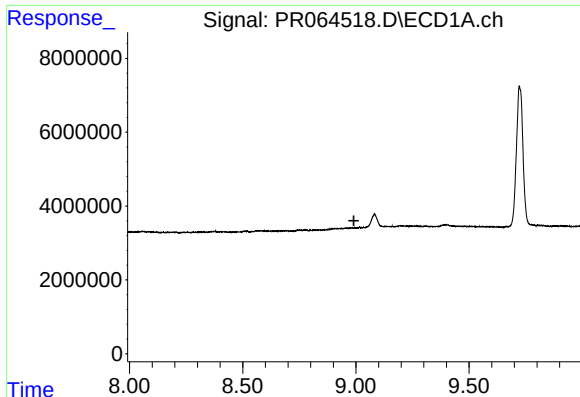
#43 AR-1268-3

R.T.: 8.581 min
Delta R.T.: 0.010 min
Response: 280738
Conc: 0.68 ng/ml



#43 AR-1268-3

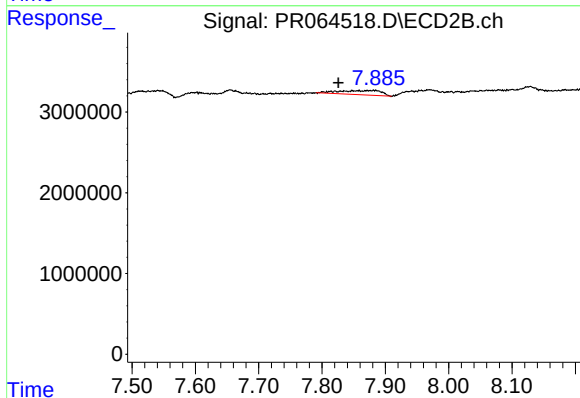
R.T.: 7.514 min
Delta R.T.: 0.005 min
Response: 505794
Conc: 0.83 ng/ml



#44 AR-1268-4

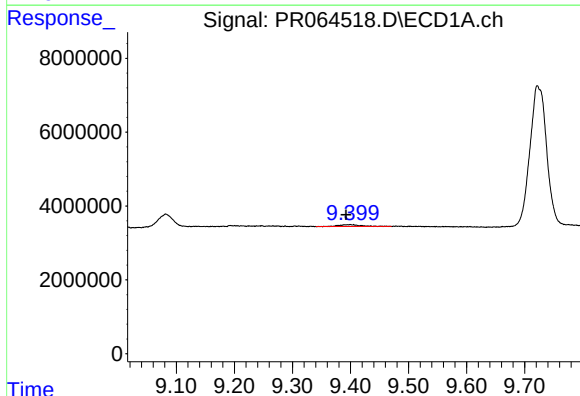
R.T.: 0.000 min
Exp R.T.: 8.991 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



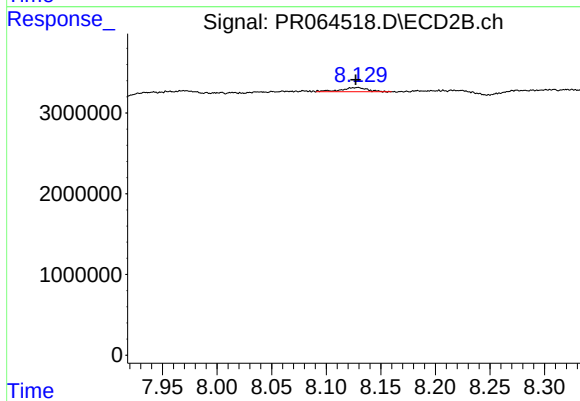
#44 AR-1268-4

R.T.: 7.883 min
Delta R.T.: 0.057 min
Response: 2388025
Conc: 9.52 ng/ml



#45 AR-1268-5

R.T.: 9.399 min
Delta R.T.: 0.006 min
Response: 1313874
Conc: 1.02 ng/ml



#45 AR-1268-5

R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 848260
Conc: 0.47 ng/ml