

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081023\
 Data File : PR062566.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 13:14
 Operator : YP\AJ
 Sample : 03572-02
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 22:05:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 01:27:38 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.684	2.956	31093498	49679179	15.401	17.113
2)	SA Decachlor...	9.616	8.236	29033290	75877834	19.492	18.286
Target Compounds							
3)	L1 AR-1016-1	4.914	4.077	209626	591994	3.122	5.457 #
4)	L1 AR-1016-2	4.937	4.097	465107	706279	4.817	4.626
5)	L1 AR-1016-3	5.006	4.275	427344	262935	6.936	3.138 #
6)	L1 AR-1016-4	0.000	4.325	0	230696	N.D.	3.400 #
7)	L1 AR-1016-5	0.000	4.543	0	315285	N.D.	3.465 #
8)	L2 AR-1221-1	3.907	3.181	1379691	1826093	56.405	48.267
9)	L2 AR-1221-2	3.997	3.266	1103000	2130580	71.195	59.006
10)	L2 AR-1221-3	4.075	3.345	2734601	4922798	45.556	54.729
11)	L3 AR-1232-1	4.075	3.345	2734601	4922798	55.060	65.731
12)	L3 AR-1232-2	4.629	4.097	375383	706279	15.201	10.240 #
13)	L3 AR-1232-3	4.937	4.275	465107	262935	10.889	7.086 #
14)	L3 AR-1232-4	0.000	4.371	0	201391	N.D.	5.948 #
15)	L3 AR-1232-5	5.204	4.543	180085	315285	10.355	8.024
16)	L4 AR-1242-1	4.914	4.077	209626	591994	3.761	6.580 #
17)	L4 AR-1242-2	4.937	4.097	465107	706279	5.794	5.633
18)	L4 AR-1242-3	5.006	4.275	427344	262935	8.298	3.800 #
19)	L4 AR-1242-4	0.000	4.371	0	201391	N.D.	2.937 #
20)	L4 AR-1242-5	0.000	4.919	0	428234	N.D.	4.783 #
21)	L5 AR-1248-1	4.914	4.077	209626	591994	5.104	8.847 #
22)	L5 AR-1248-2	5.204	4.325	180085	230696	2.973	2.407
23)	L5 AR-1248-3	0.000	4.371	0	201391	N.D.	2.040 #
24)	L5 AR-1248-4	5.826f	4.543	265293	315285	3.668	2.657 #
25)	L5 AR-1248-5	0.000	4.942f	0	939291	N.D.	7.860 #
26)	L6 AR-1254-1	5.826	4.919	265293	428234	3.319	2.391 #
27)	L6 AR-1254-2	6.033f	5.076	60825	139923	0.510	0.895 #
28)	L6 AR-1254-3	6.450	5.501	322693	529137	2.726	2.038 #
29)	L6 AR-1254-4	0.000	5.753	0	157313	N.D.	0.939 #
30)	L6 AR-1254-5	7.210	6.210	343282	359516	3.819	1.446 #
31)	L7 AR-1260-1	6.637	5.634	86820	682941	0.841	3.510 #
32)	L7 AR-1260-2	6.923	5.855	29900	220336	0.273	0.927 #
33)	L7 AR-1260-3	7.297	6.012	301047	145100	3.693	0.643 #
34)	L7 AR-1260-4	7.532f	6.510	194991	354794	2.168	1.791
35)	L7 AR-1260-5	0.000	6.786	0	622821	N.D.	1.344 #
36)	L8 AR-1262-1	7.297	6.255	301047	483944	2.622	1.859 #
37)	L8 AR-1262-2	0.000	6.786	0	622821	N.D.	1.281 #
38)	L8 AR-1262-3	0.000	7.095	0	1262477	N.D.	6.353 #
39)	L8 AR-1262-4	8.283	7.157	428316	204930	4.244	0.550 #
41)	L9 AR-1268-1	0.000	7.095	0	1262477	N.D.	2.168 #
42)	L9 AR-1268-2	8.283	7.157	428316	204930	2.115	0.380 #

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 Quant Time: Aug 09 22:05:28 2023
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.514	7.378	357044	457851	2.013	0.971 #
45) L9	AR-1268-5	9.303	7.987	475781	856281	0.936	0.572 #

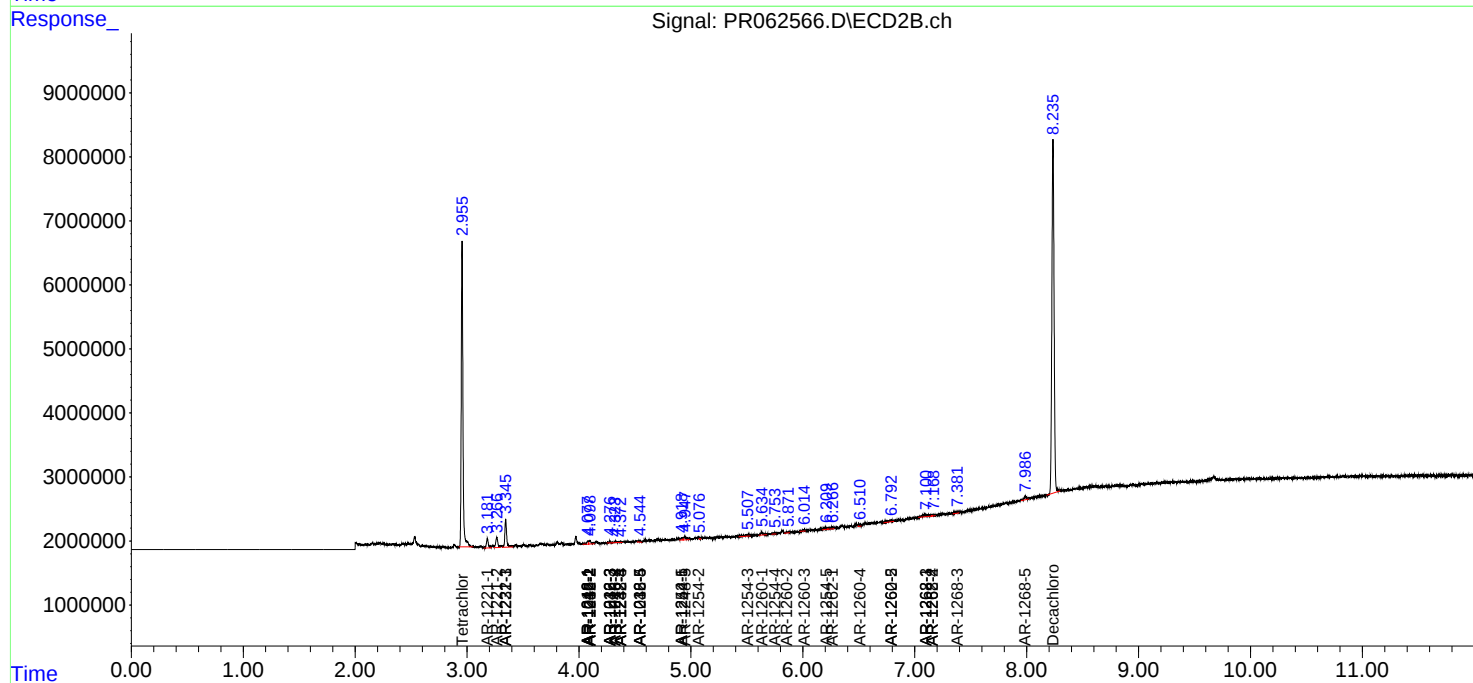
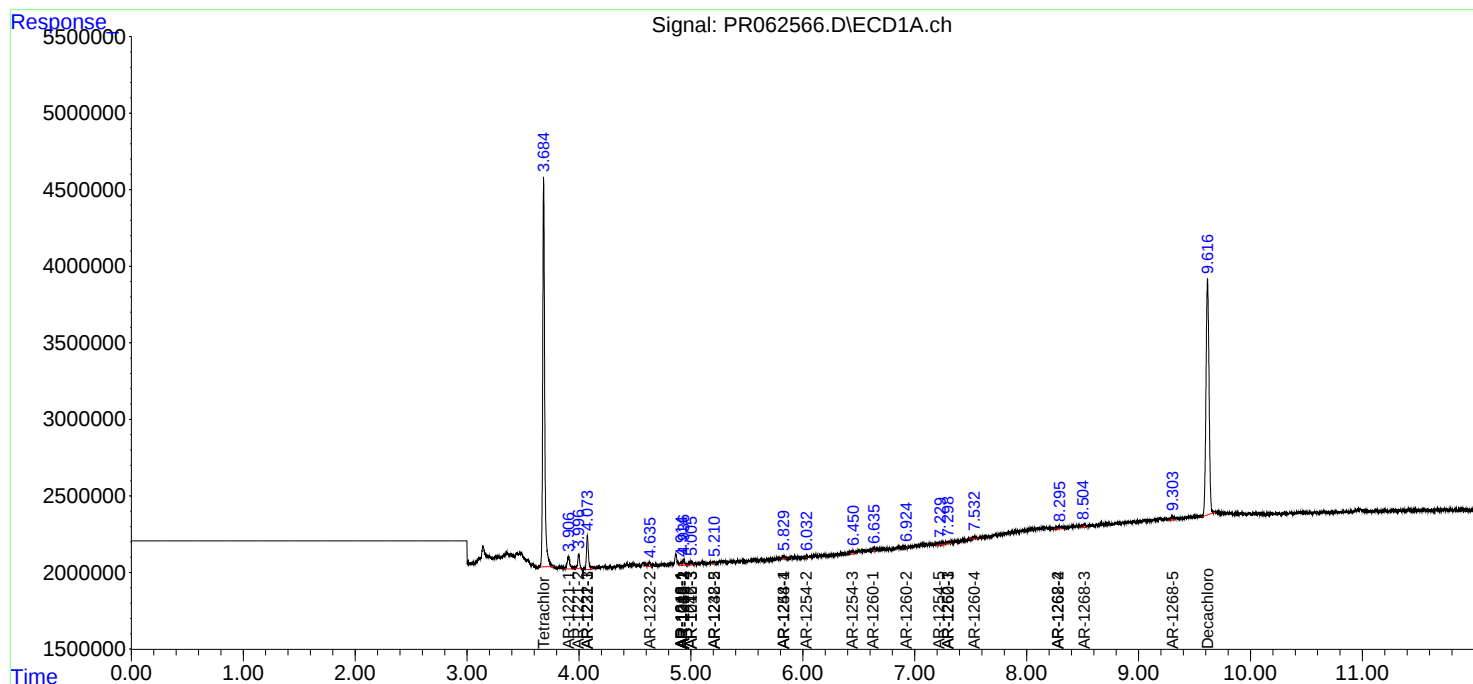
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

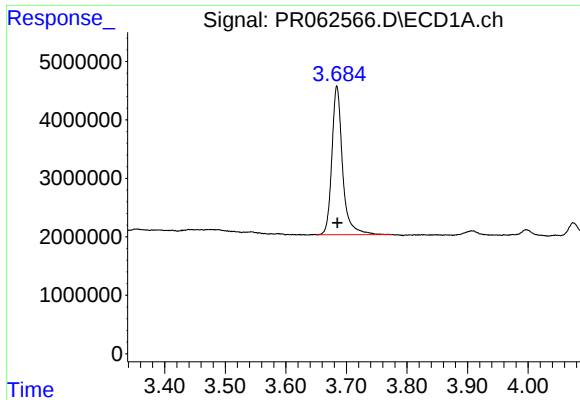
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081023\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

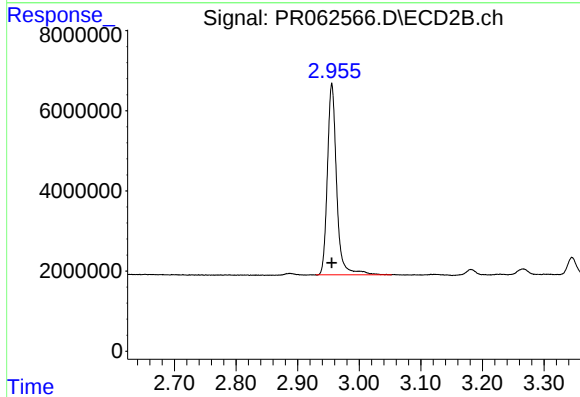




#1 Tetrachloro-m-xylene

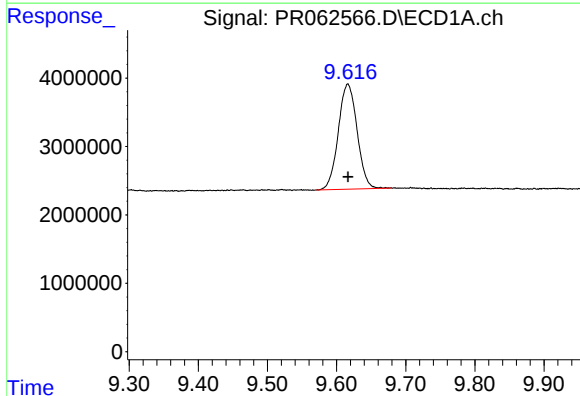
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 31093498
Conc: 15.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



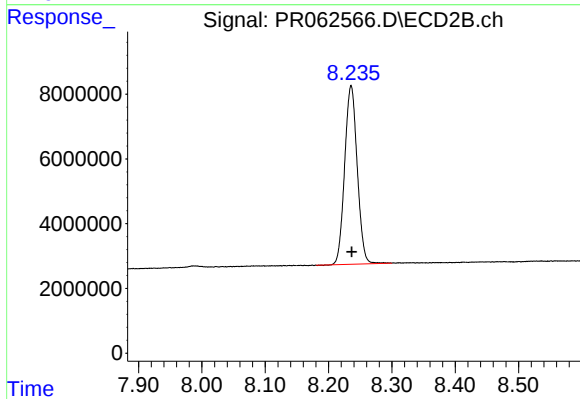
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 49679179
Conc: 17.11 ng/ml



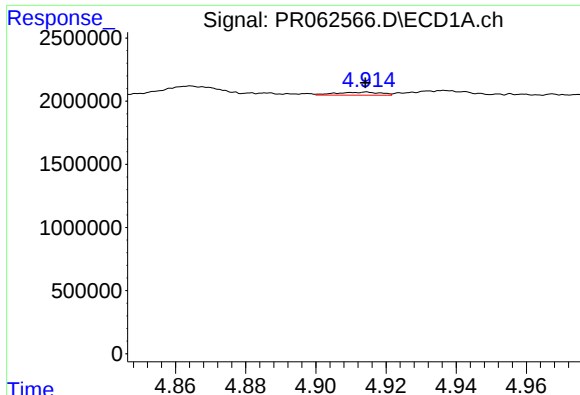
#2 Decachlorobiphenyl

R.T.: 9.616 min
Delta R.T.: 0.000 min
Response: 29033290
Conc: 19.49 ng/ml



#2 Decachlorobiphenyl

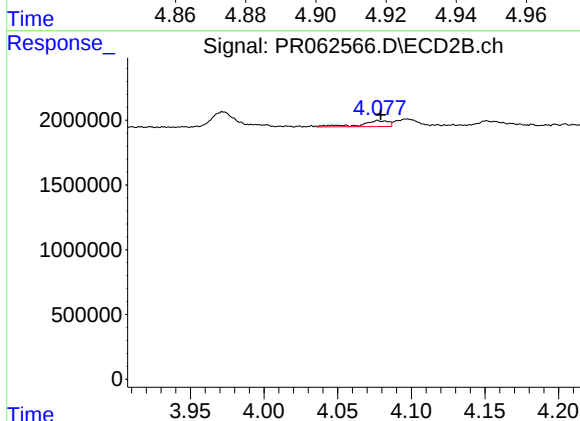
R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 75877834
Conc: 18.29 ng/ml



#3 AR-1016-1

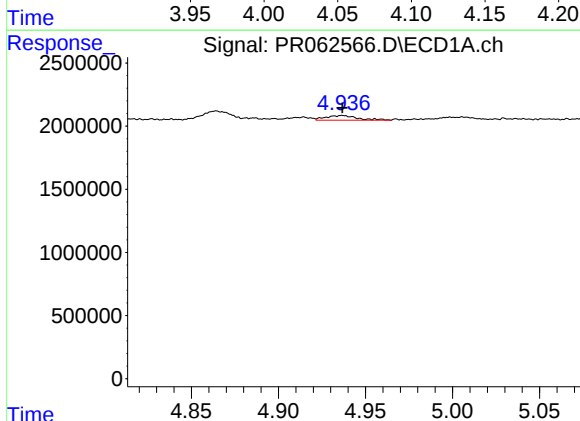
R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 209626
Conc: 3.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



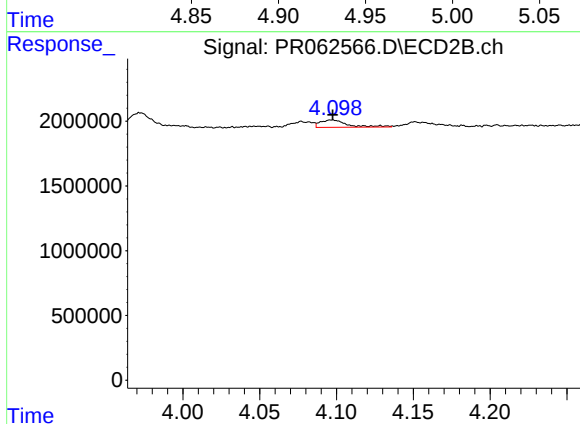
#3 AR-1016-1

R.T.: 4.077 min
Delta R.T.: -0.002 min
Response: 591994
Conc: 5.46 ng/ml



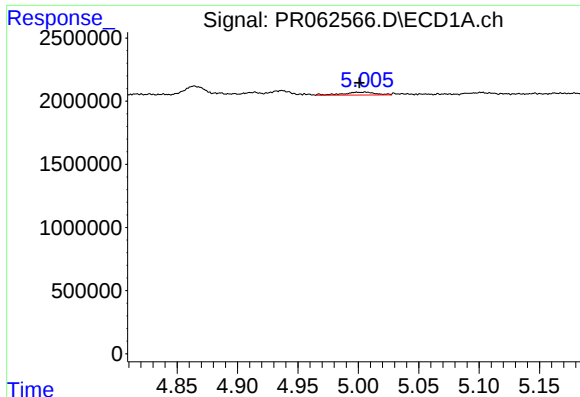
#4 AR-1016-2

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 465107
Conc: 4.82 ng/ml



#4 AR-1016-2

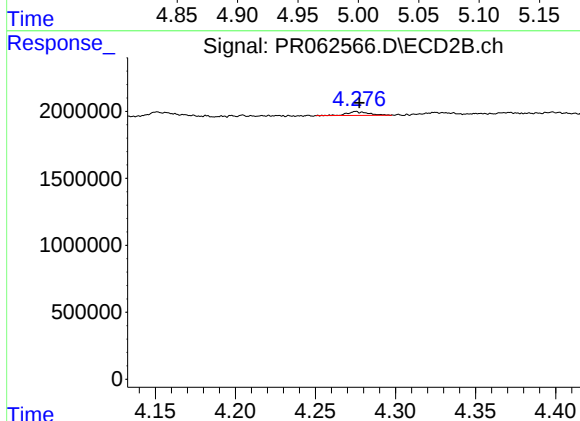
R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 706279
Conc: 4.63 ng/ml



#5 AR-1016-3

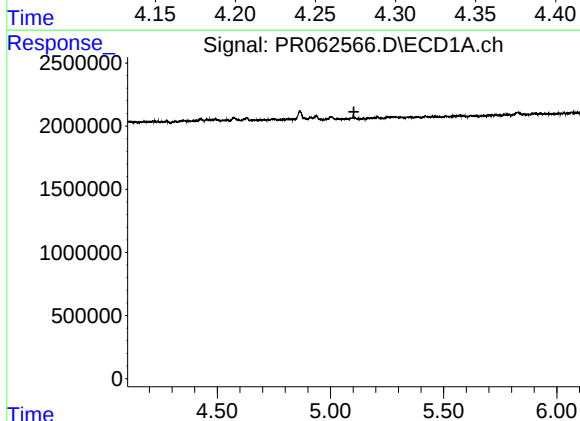
R.T.: 5.006 min
Delta R.T.: 0.005 min
Response: 427344
Conc: 6.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



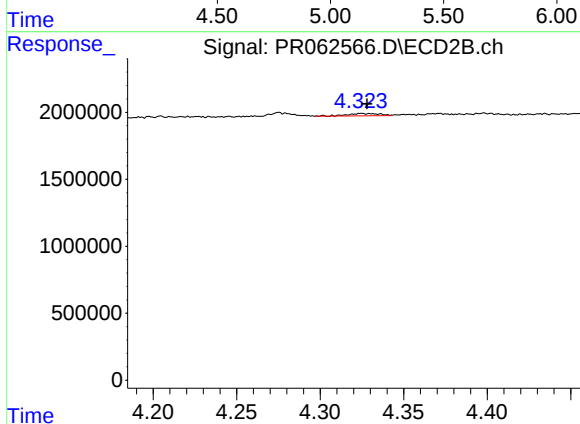
#5 AR-1016-3

R.T.: 4.275 min
Delta R.T.: -0.002 min
Response: 262935
Conc: 3.14 ng/ml



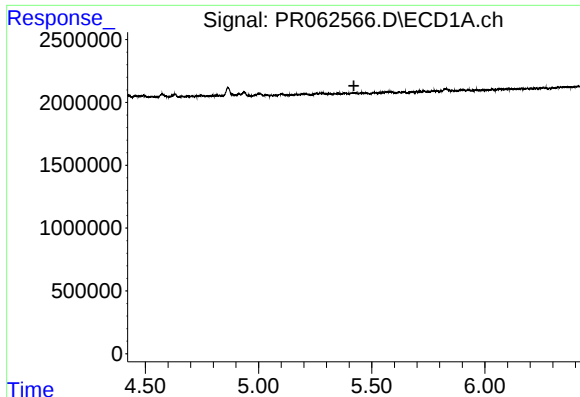
#6 AR-1016-4

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



#6 AR-1016-4

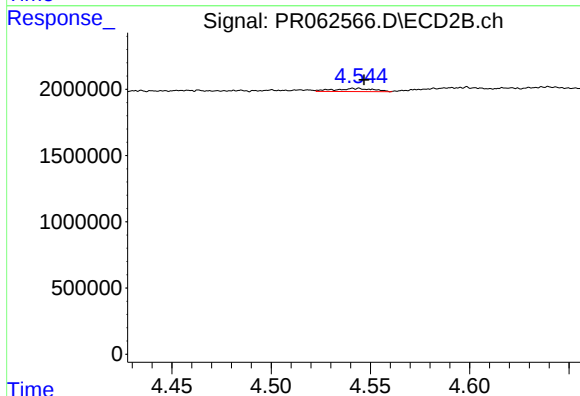
R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 230696
Conc: 3.40 ng/ml



#7 AR-1016-5

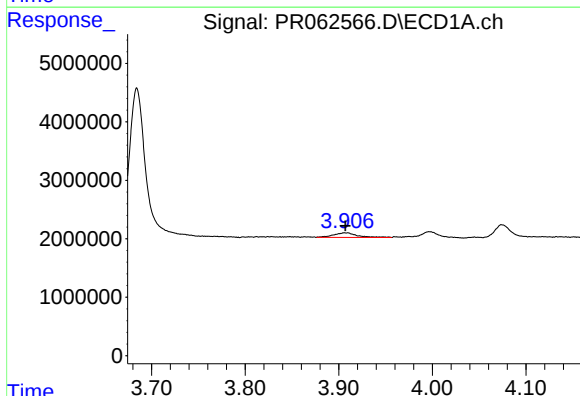
R.T.: 0.000 min
Exp R.T.: 5.421 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



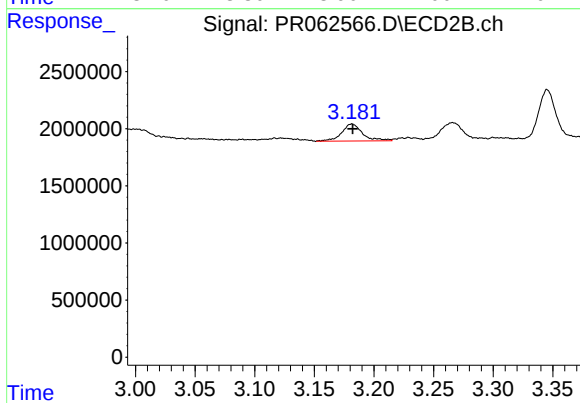
#7 AR-1016-5

R.T.: 4.543 min
Delta R.T.: -0.004 min
Response: 315285
Conc: 3.47 ng/ml



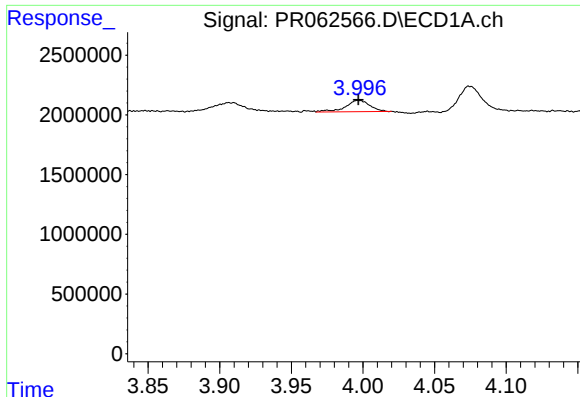
#8 AR-1221-1

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 1379691
Conc: 56.40 ng/ml



#8 AR-1221-1

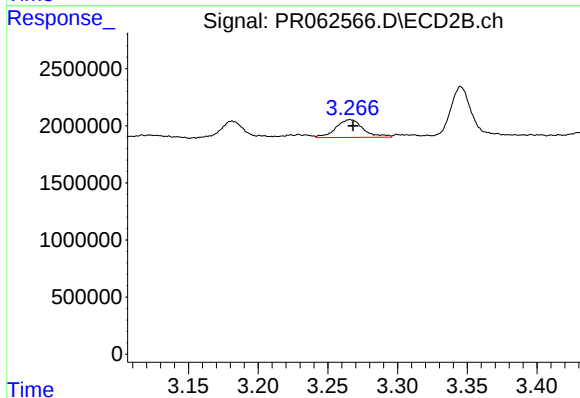
R.T.: 3.181 min
Delta R.T.: 0.000 min
Response: 1826093
Conc: 48.27 ng/ml



#9 AR-1221-2

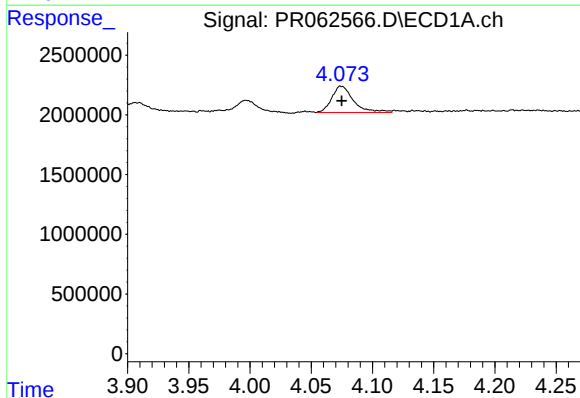
R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 1103000
Conc: 71.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



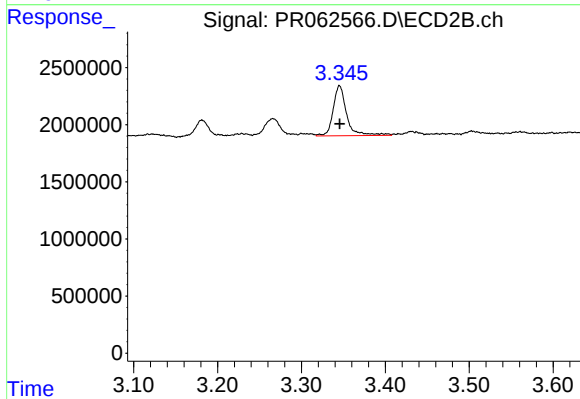
#9 AR-1221-2

R.T.: 3.266 min
Delta R.T.: -0.002 min
Response: 2130580
Conc: 59.01 ng/ml



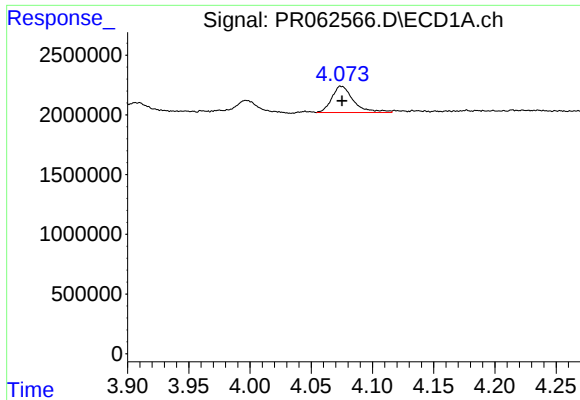
#10 AR-1221-3

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 2734601
Conc: 45.56 ng/ml



#10 AR-1221-3

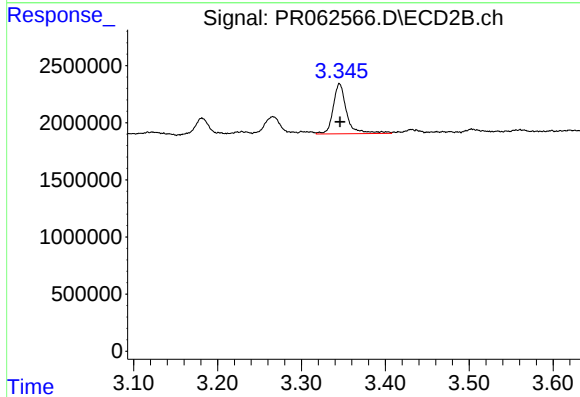
R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 4922798
Conc: 54.73 ng/ml



#11 AR-1232-1

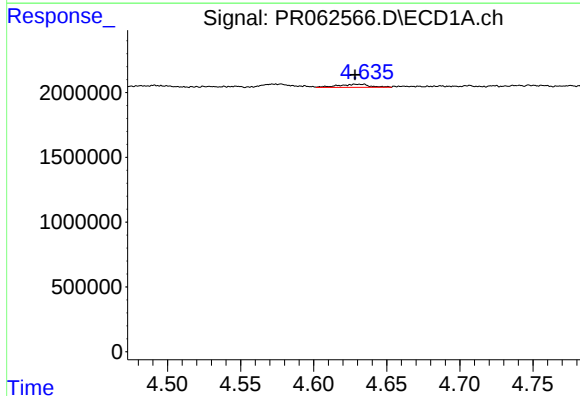
R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 2734601
Conc: 55.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



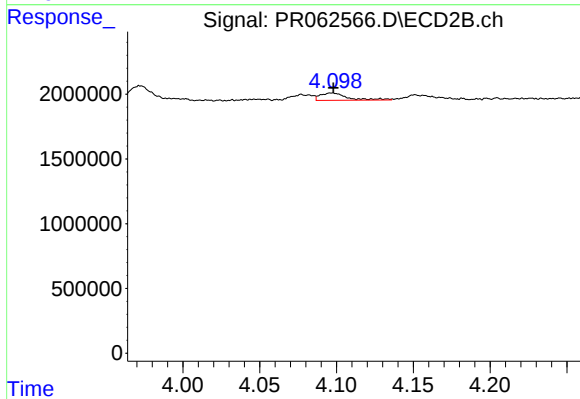
#11 AR-1232-1

R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 4922798
Conc: 65.73 ng/ml



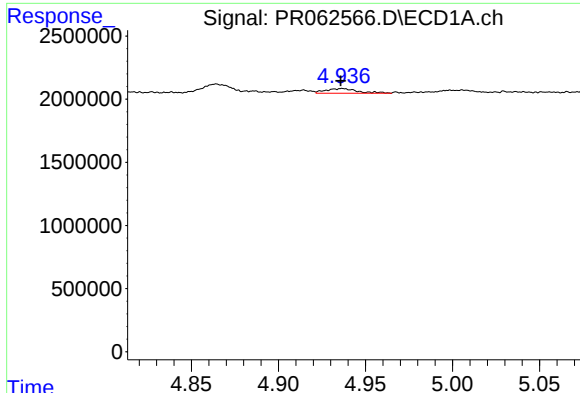
#12 AR-1232-2

R.T.: 4.629 min
Delta R.T.: 0.001 min
Response: 375383
Conc: 15.20 ng/ml



#12 AR-1232-2

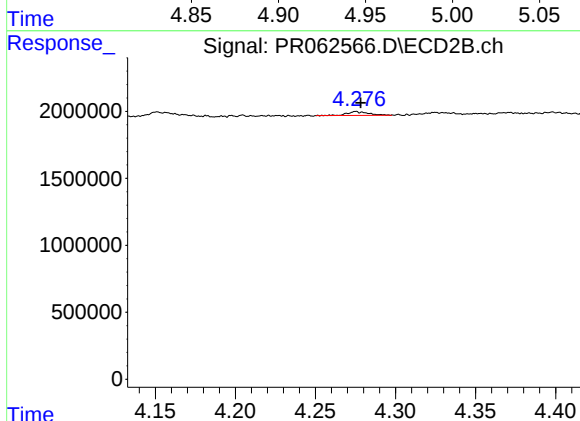
R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 706279
Conc: 10.24 ng/ml



#13 AR-1232-3

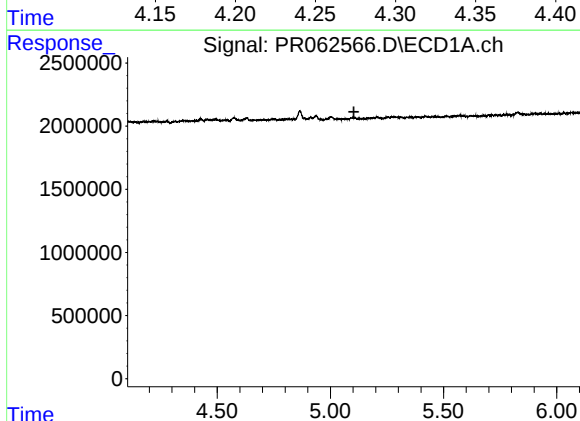
R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 465107
Conc: 10.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



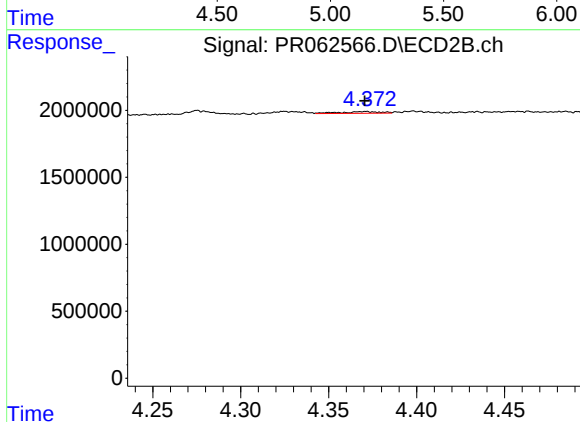
#13 AR-1232-3

R.T.: 4.275 min
Delta R.T.: -0.003 min
Response: 262935
Conc: 7.09 ng/ml



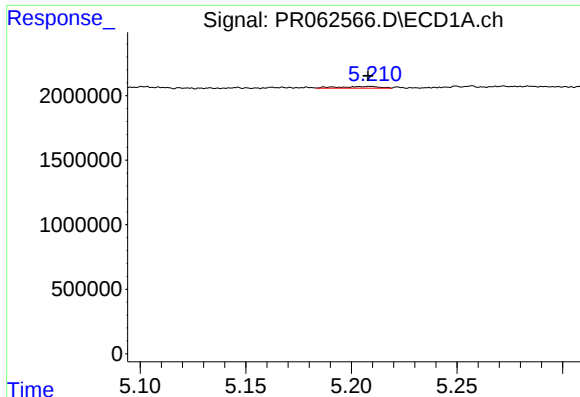
#14 AR-1232-4

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



#14 AR-1232-4

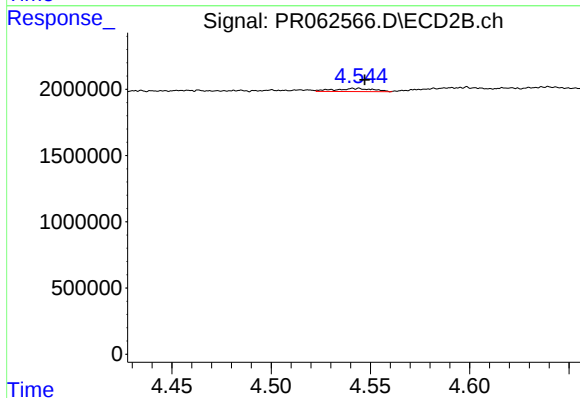
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 201391
Conc: 5.95 ng/ml



#15 AR-1232-5

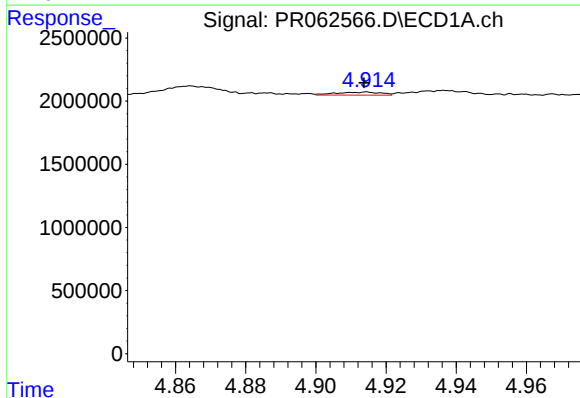
R.T.: 5.204 min
Delta R.T.: -0.004 min
Response: 180085
Conc: 10.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



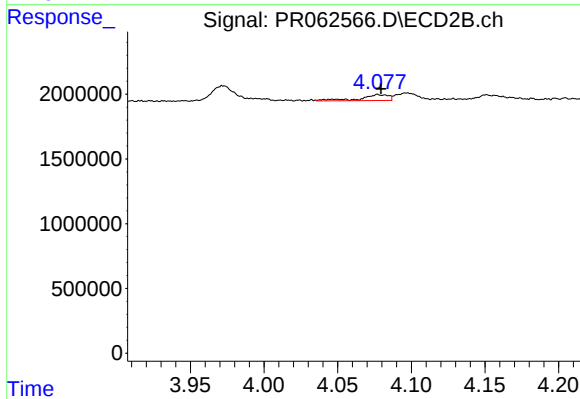
#15 AR-1232-5

R.T.: 4.543 min
Delta R.T.: -0.004 min
Response: 315285
Conc: 8.02 ng/ml



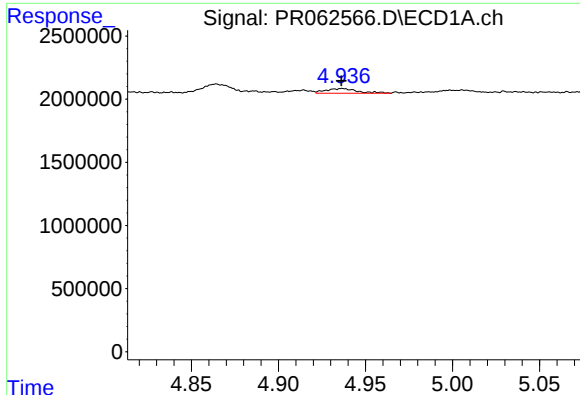
#16 AR-1242-1

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 209626
Conc: 3.76 ng/ml



#16 AR-1242-1

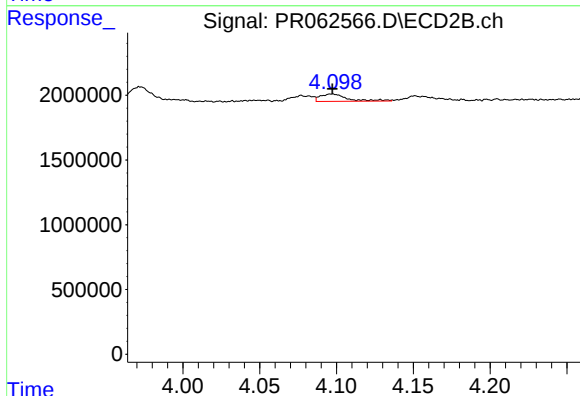
R.T.: 4.077 min
Delta R.T.: -0.002 min
Response: 591994
Conc: 6.58 ng/ml



#17 AR-1242-2

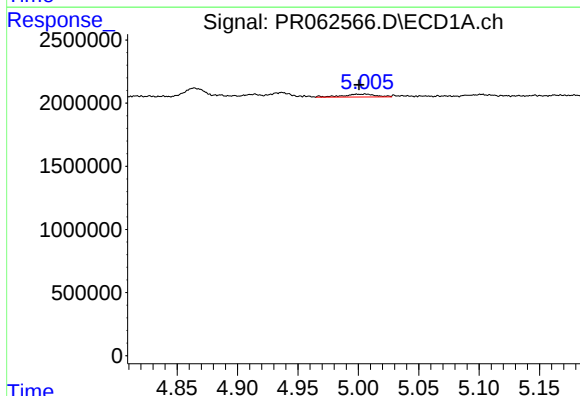
R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 465107
Conc: 5.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



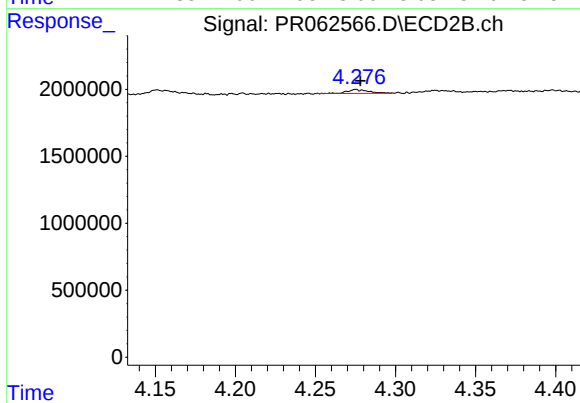
#17 AR-1242-2

R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 706279
Conc: 5.63 ng/ml



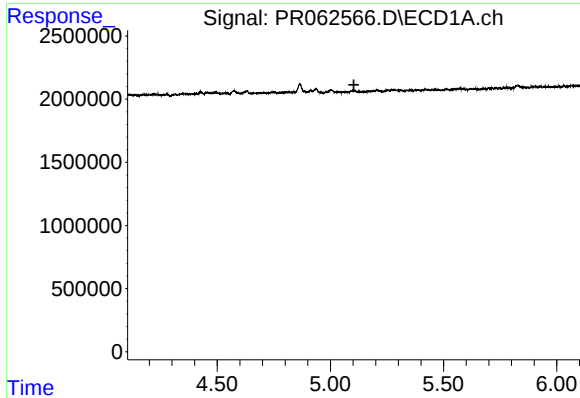
#18 AR-1242-3

R.T.: 5.006 min
Delta R.T.: 0.005 min
Response: 427344
Conc: 8.30 ng/ml



#18 AR-1242-3

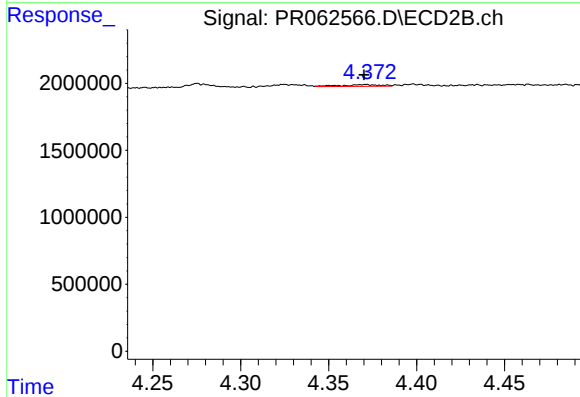
R.T.: 4.275 min
Delta R.T.: -0.003 min
Response: 262935
Conc: 3.80 ng/ml



#19 AR-1242-4

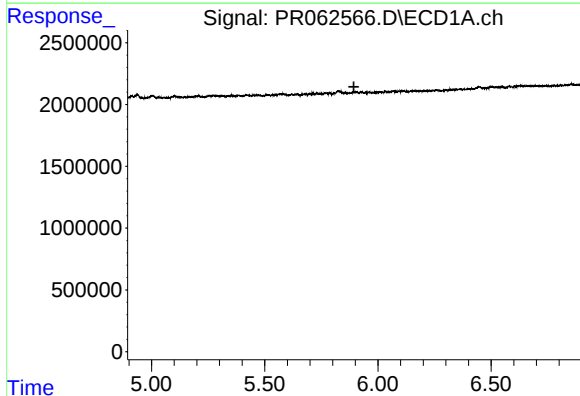
R.T.: 0.000 min
Exp R.T.: 5.104 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



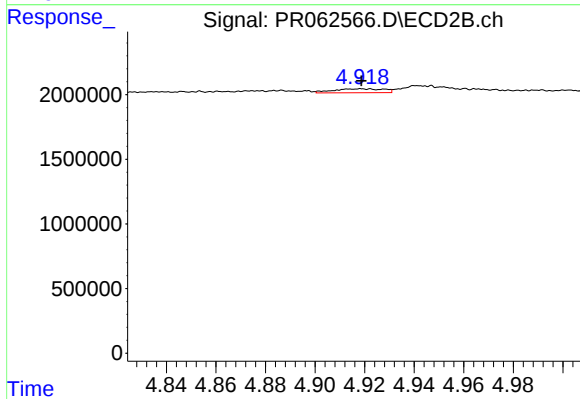
#19 AR-1242-4

R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 201391
Conc: 2.94 ng/ml



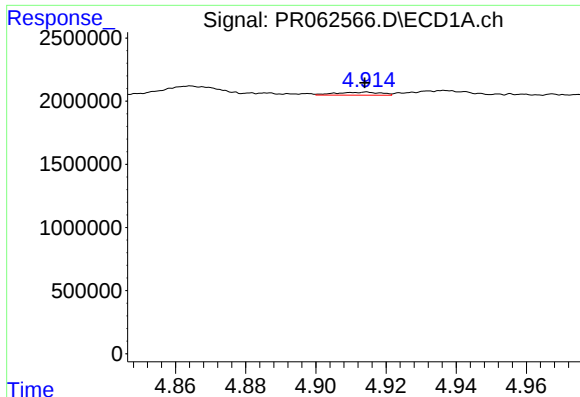
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 5.894 min
Response: 0
Conc: N.D.



#20 AR-1242-5

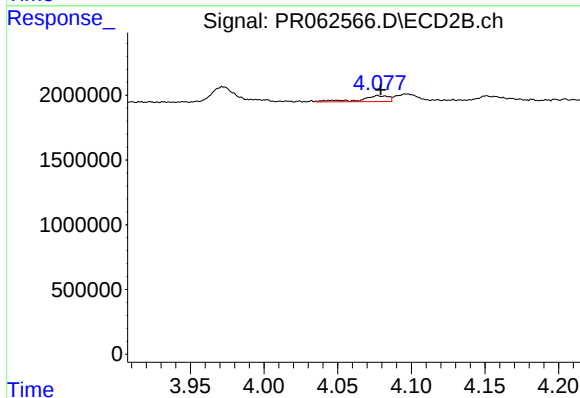
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 428234
Conc: 4.78 ng/ml



#21 AR-1248-1

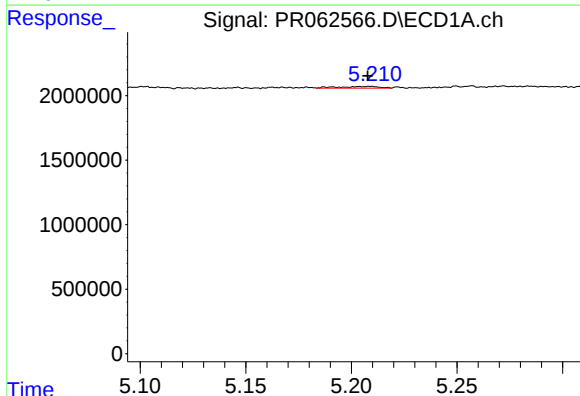
R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 209626
Conc: 5.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



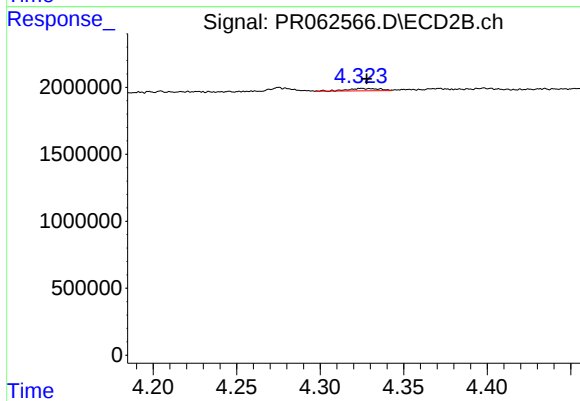
#21 AR-1248-1

R.T.: 4.077 min
Delta R.T.: -0.002 min
Response: 591994
Conc: 8.85 ng/ml



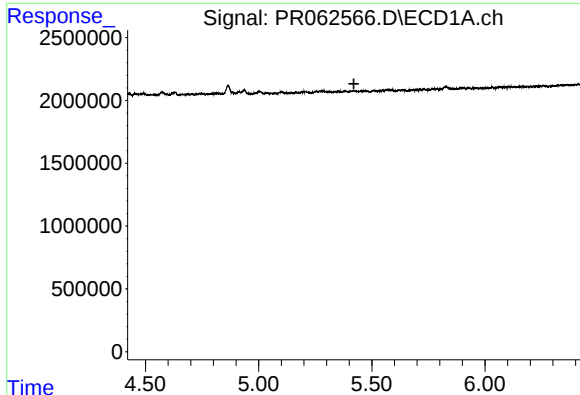
#22 AR-1248-2

R.T.: 5.204 min
Delta R.T.: -0.004 min
Response: 180085
Conc: 2.97 ng/ml



#22 AR-1248-2

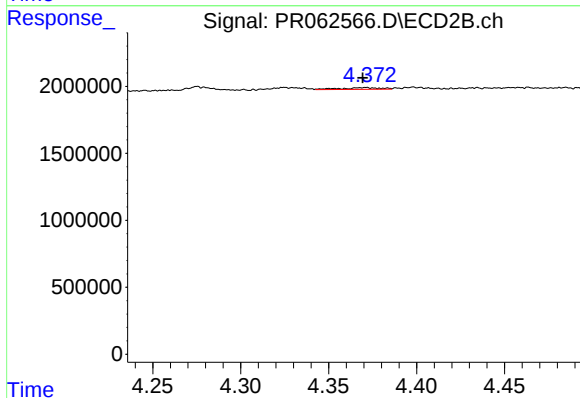
R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 230696
Conc: 2.41 ng/ml



#23 AR-1248-3

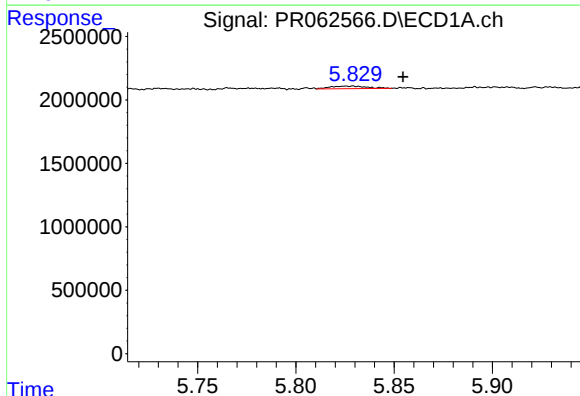
R.T.: 0.000 min
Exp R.T.: 5.421 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



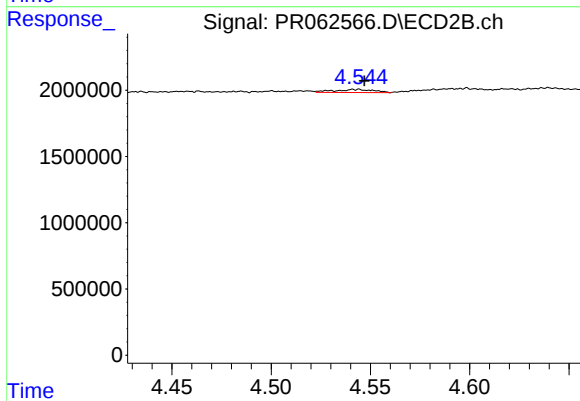
#23 AR-1248-3

R.T.: 4.371 min
Delta R.T.: 0.001 min
Response: 201391
Conc: 2.04 ng/ml



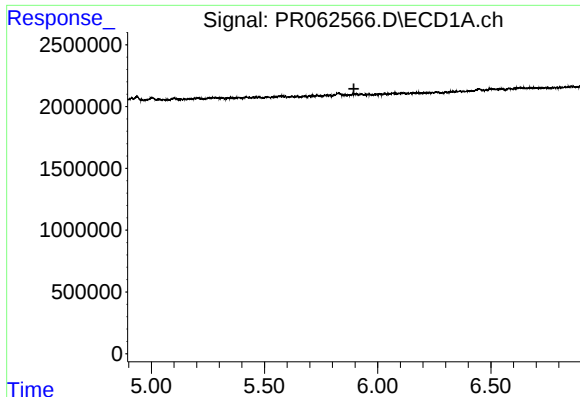
#24 AR-1248-4

R.T.: 5.826 min
Delta R.T.: -0.028 min
Response: 265293
Conc: 3.67 ng/ml



#24 AR-1248-4

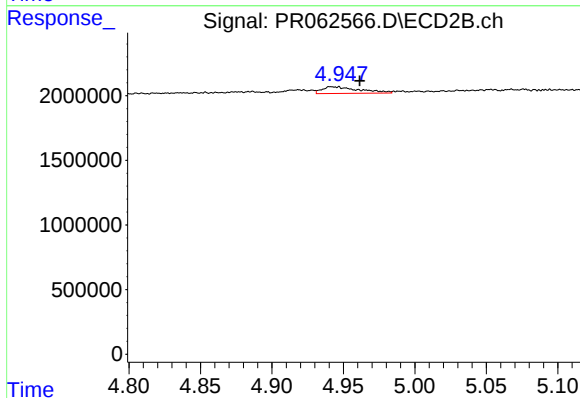
R.T.: 4.543 min
Delta R.T.: -0.004 min
Response: 315285
Conc: 2.66 ng/ml



#25 AR-1248-5

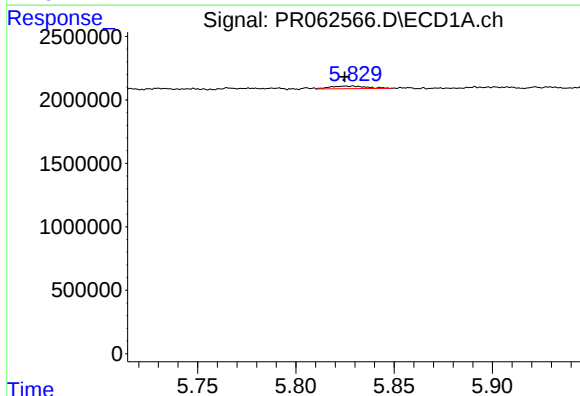
R.T.: 0.000 min
Exp R.T.: 5.895 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



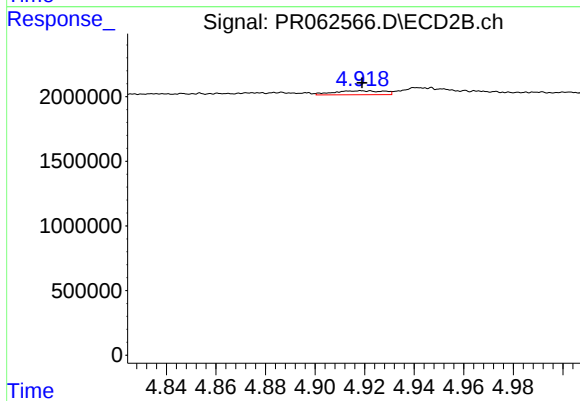
#25 AR-1248-5

R.T.: 4.942 min
Delta R.T.: -0.020 min
Response: 939291
Conc: 7.86 ng/ml



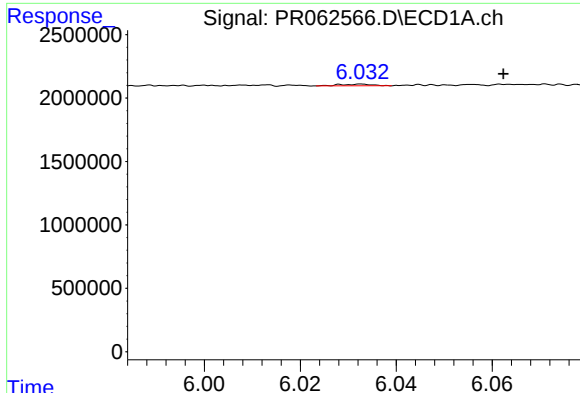
#26 AR-1254-1

R.T.: 5.826 min
Delta R.T.: 0.001 min
Response: 265293
Conc: 3.32 ng/ml



#26 AR-1254-1

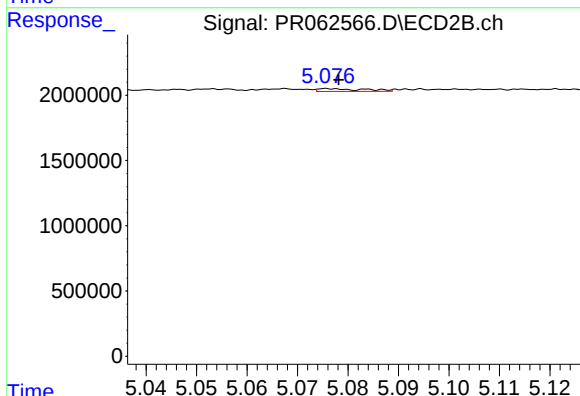
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 428234
Conc: 2.39 ng/ml



#27 AR-1254-2

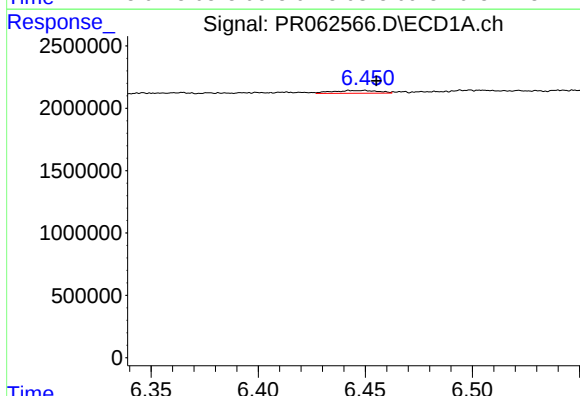
R.T.: 6.033 min
Delta R.T.: -0.030 min
Response: 60825
Conc: 0.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



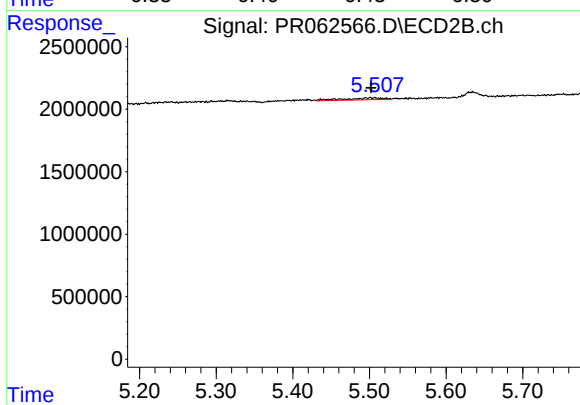
#27 AR-1254-2

R.T.: 5.076 min
Delta R.T.: -0.002 min
Response: 139923
Conc: 0.89 ng/ml



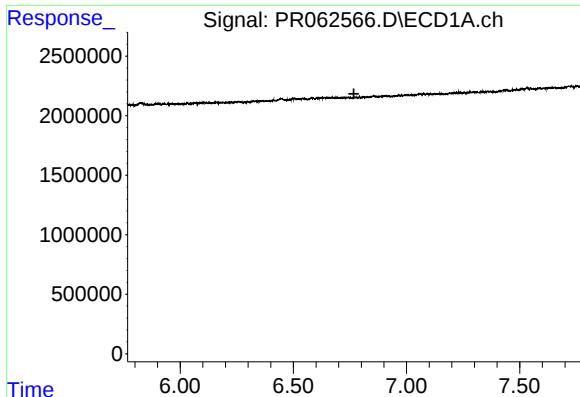
#28 AR-1254-3

R.T.: 6.450 min
Delta R.T.: -0.006 min
Response: 322693
Conc: 2.73 ng/ml



#28 AR-1254-3

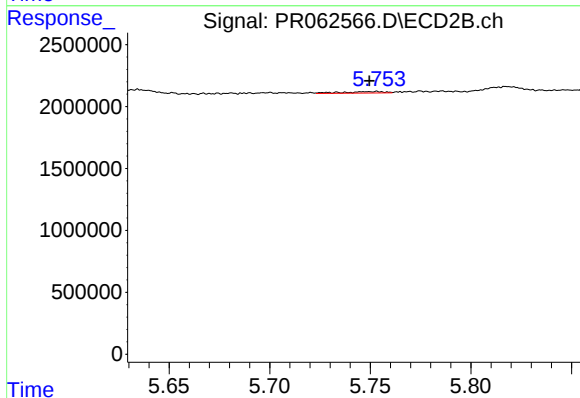
R.T.: 5.501 min
Delta R.T.: -0.001 min
Response: 529137
Conc: 2.04 ng/ml



#29 AR-1254-4

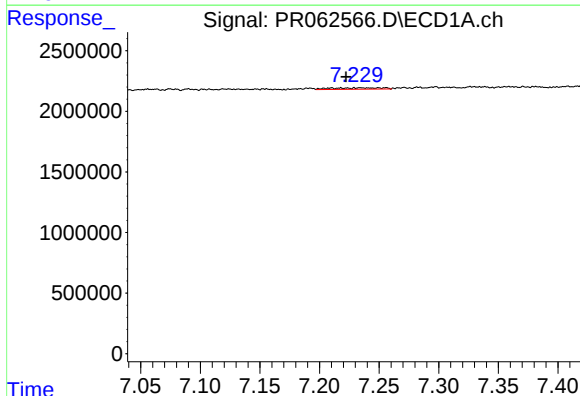
R.T.: 0.000 min
Exp R.T.: 6.767 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



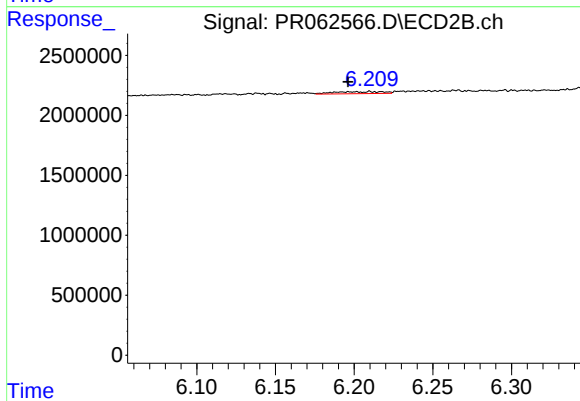
#29 AR-1254-4

R.T.: 5.753 min
Delta R.T.: 0.004 min
Response: 157313
Conc: 0.94 ng/ml



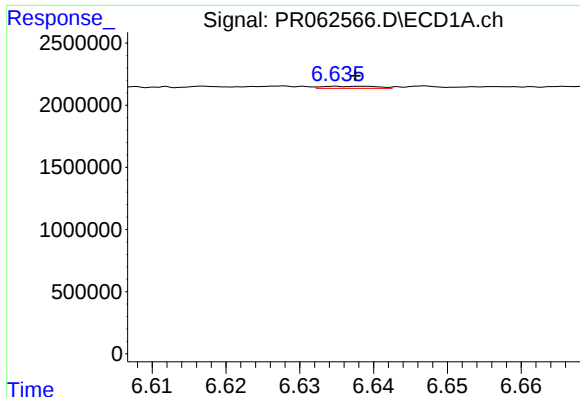
#30 AR-1254-5

R.T.: 7.210 min
Delta R.T.: -0.012 min
Response: 343282
Conc: 3.82 ng/ml



#30 AR-1254-5

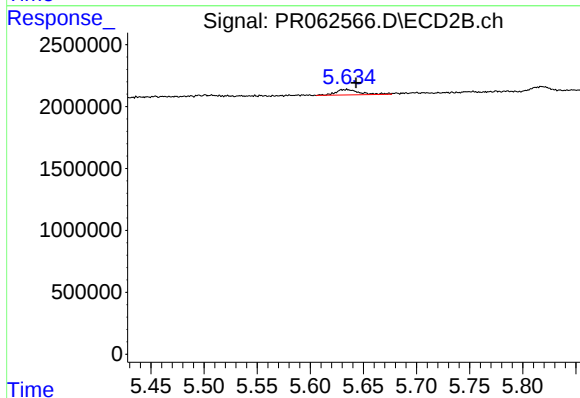
R.T.: 6.210 min
Delta R.T.: 0.014 min
Response: 359516
Conc: 1.45 ng/ml



#31 AR-1260-1

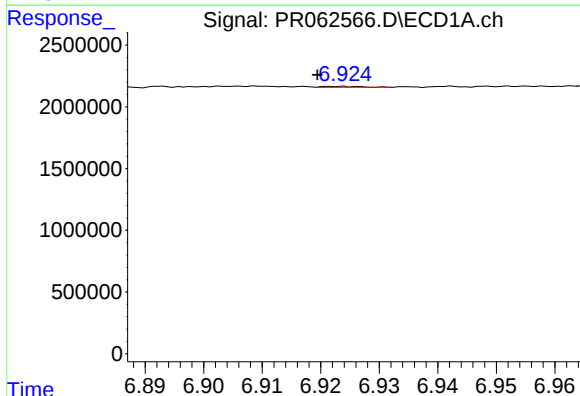
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 86820
Conc: 0.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



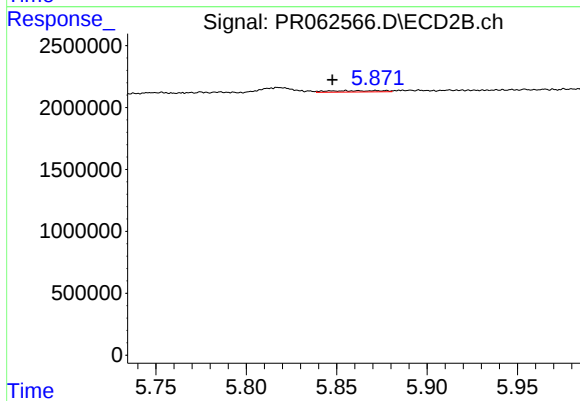
#31 AR-1260-1

R.T.: 5.634 min
Delta R.T.: -0.009 min
Response: 682941
Conc: 3.51 ng/ml



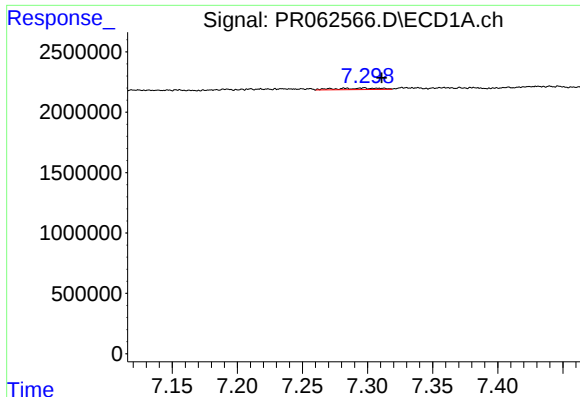
#32 AR-1260-2

R.T.: 6.923 min
Delta R.T.: 0.004 min
Response: 29900
Conc: 0.27 ng/ml



#32 AR-1260-2

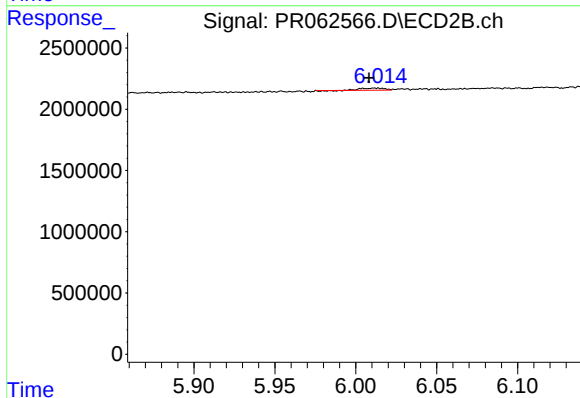
R.T.: 5.855 min
Delta R.T.: 0.008 min
Response: 220336
Conc: 0.93 ng/ml



#33 AR-1260-3

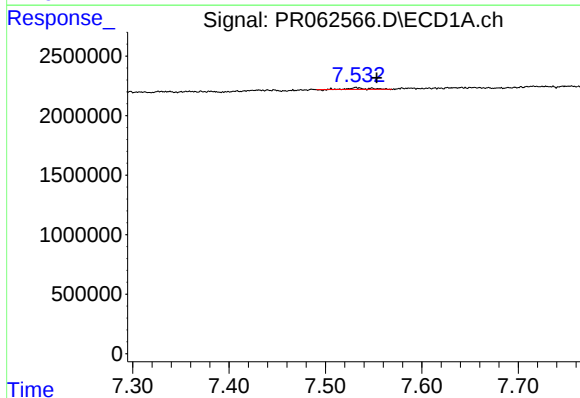
R.T.: 7.297 min
Delta R.T.: -0.014 min
Response: 301047
Conc: 3.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



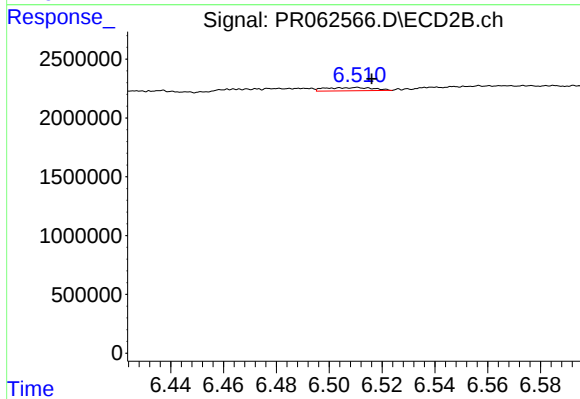
#33 AR-1260-3

R.T.: 6.012 min
Delta R.T.: 0.004 min
Response: 145100
Conc: 0.64 ng/ml



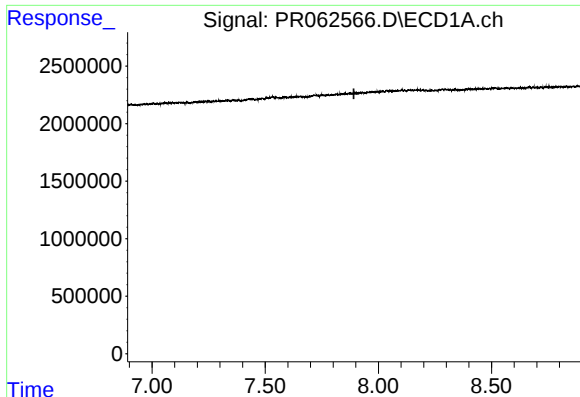
#34 AR-1260-4

R.T.: 7.532 min
Delta R.T.: -0.021 min
Response: 194991
Conc: 2.17 ng/ml



#34 AR-1260-4

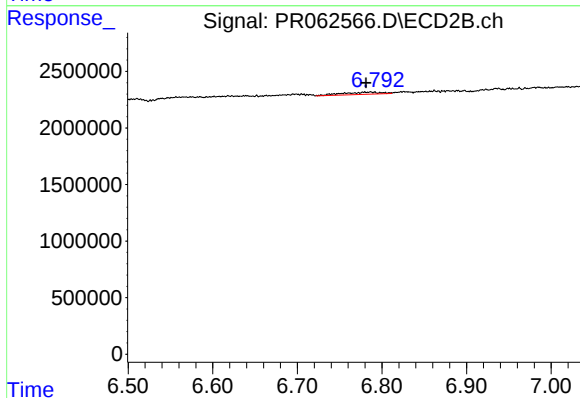
R.T.: 6.510 min
Delta R.T.: -0.006 min
Response: 354794
Conc: 1.79 ng/ml



#35 AR-1260-5

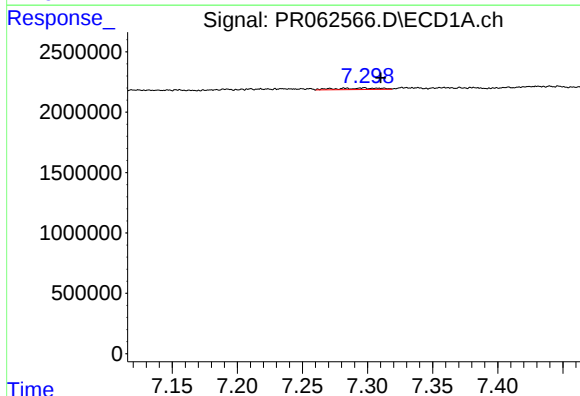
R.T.: 0.000 min
Exp R.T.: 7.892 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



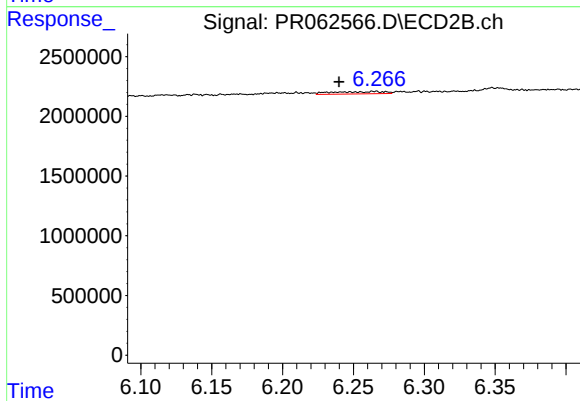
#35 AR-1260-5

R.T.: 6.786 min
Delta R.T.: 0.005 min
Response: 622821
Conc: 1.34 ng/ml



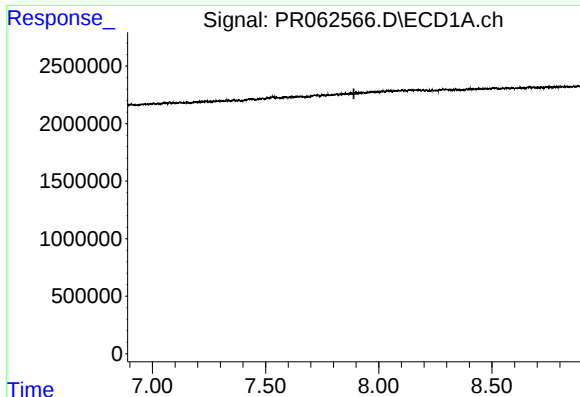
#36 AR-1262-1

R.T.: 7.297 min
Delta R.T.: -0.013 min
Response: 301047
Conc: 2.62 ng/ml



#36 AR-1262-1

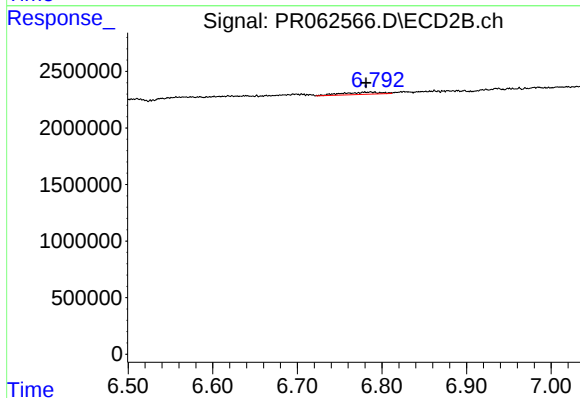
R.T.: 6.255 min
Delta R.T.: 0.015 min
Response: 483944
Conc: 1.86 ng/ml



#37 AR-1262-2

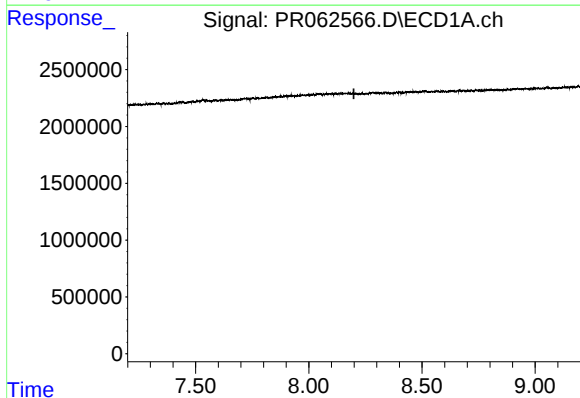
R.T.: 0.000 min
Exp R.T.: 7.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



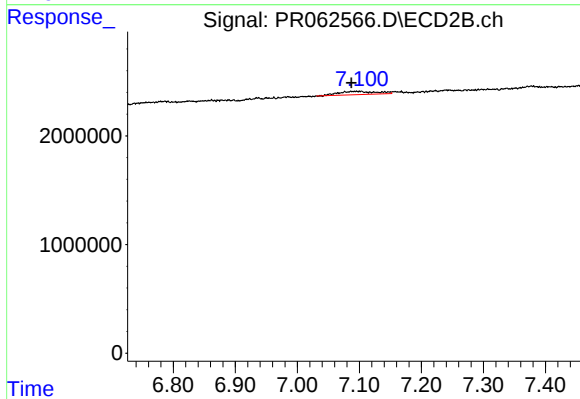
#37 AR-1262-2

R.T.: 6.786 min
Delta R.T.: 0.005 min
Response: 622821
Conc: 1.28 ng/ml



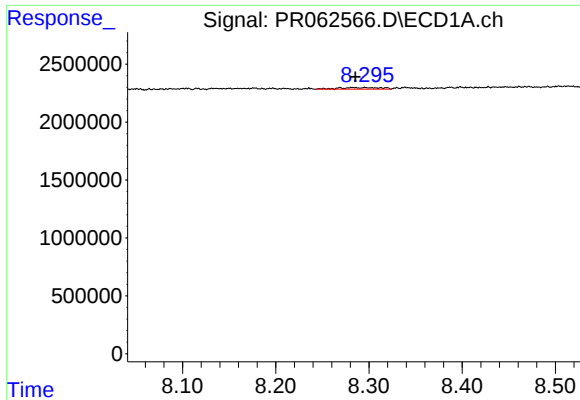
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.199 min
Response: 0
Conc: N.D.



#38 AR-1262-3

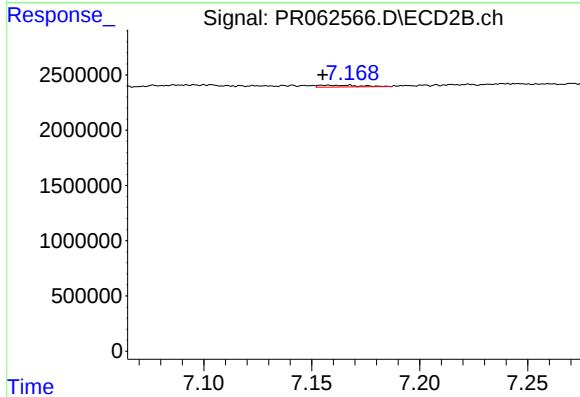
R.T.: 7.095 min
Delta R.T.: 0.008 min
Response: 1262477
Conc: 6.35 ng/ml



#39 AR-1262-4

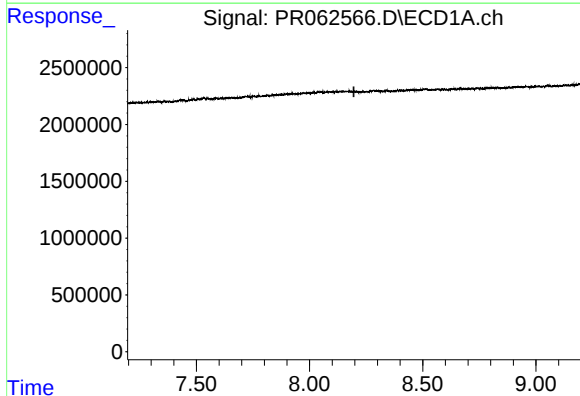
R.T.: 8.283 min
Delta R.T.: -0.003 min
Response: 428316
Conc: 4.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



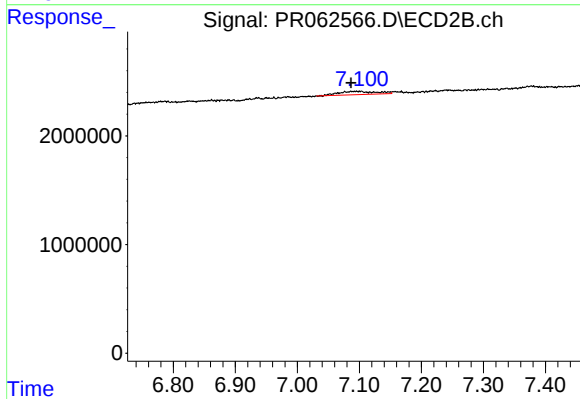
#39 AR-1262-4

R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 204930
Conc: 0.55 ng/ml



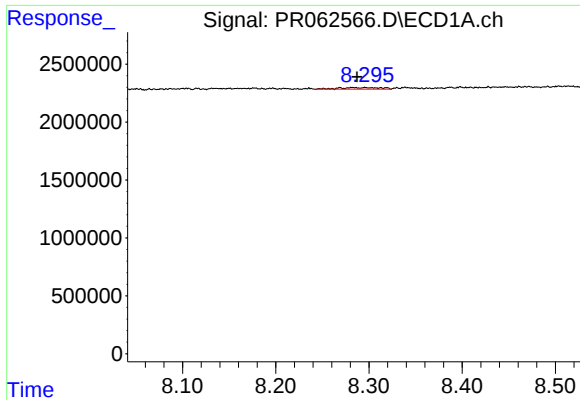
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.196 min
Response: 0
Conc: N.D.



#41 AR-1268-1

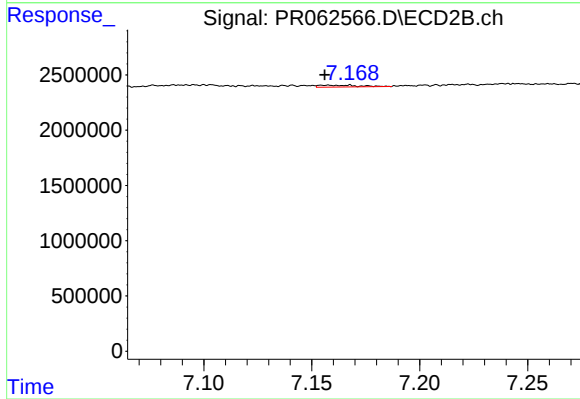
R.T.: 7.095 min
Delta R.T.: 0.009 min
Response: 1262477
Conc: 2.17 ng/ml



#42 AR-1268-2

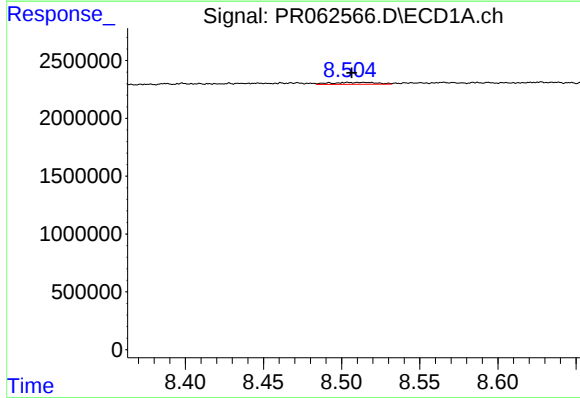
R.T.: 8.283 min
Delta R.T.: -0.004 min
Response: 428316
Conc: 2.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



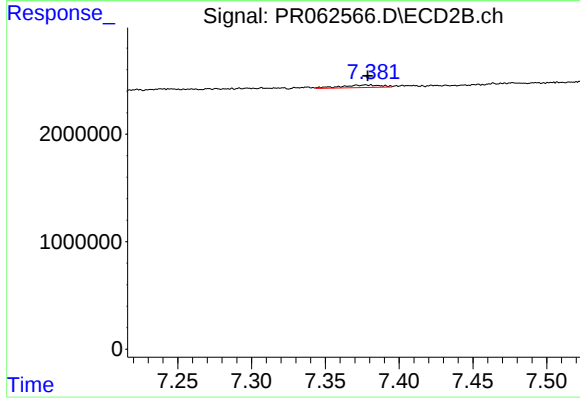
#42 AR-1268-2

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 204930
Conc: 0.38 ng/ml



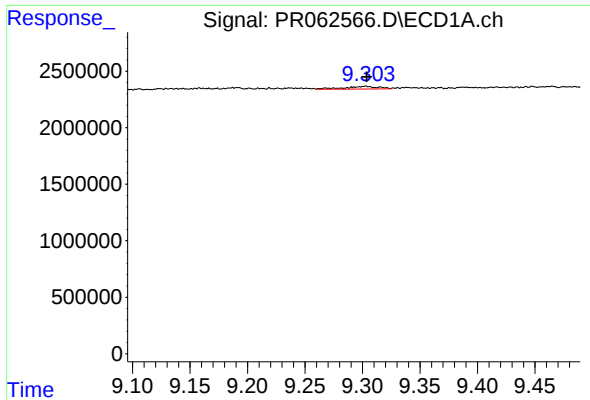
#43 AR-1268-3

R.T.: 8.514 min
Delta R.T.: 0.007 min
Response: 357044
Conc: 2.01 ng/ml



#43 AR-1268-3

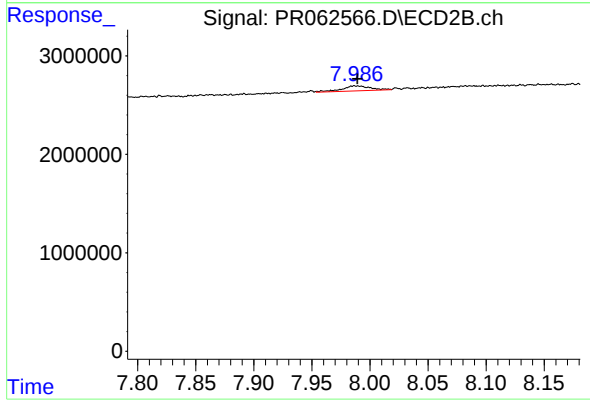
R.T.: 7.378 min
Delta R.T.: -0.001 min
Response: 457851
Conc: 0.97 ng/ml



#45 AR-1268-5

R.T.: 9.303 min
Delta R.T.: -0.001 min
Response: 475781
Conc: 0.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.987 min
Delta R.T.: -0.002 min
Response: 856281
Conc: 0.57 ng/ml