

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102522\
 Data File : PR057647.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2022 10:27
 Operator : AJ\MA
 Sample : N4955-08
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 23:26:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 24 18:17:24 2022
 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...	3.692	2.924	48179763	41527840	22.937	20.639
2)	SA Decachlor...	9.631	8.181	49966461	51956483	22.599	22.006
Target Compounds							
3)	L1 AR-1016-1	4.920	4.041	393517	189272	5.052	2.941 #
4)	L1 AR-1016-2	4.943	4.057	540937	467771	5.114	4.870
5)	L1 AR-1016-3	5.008	4.236	395305	353157	5.839	6.639
6)	L1 AR-1016-4	5.107	4.282	256273	229152	4.592	6.650 #
7)	L1 AR-1016-5	0.000	4.506	0	341361	N.D.	6.840 #
8)	L2 AR-1221-1	3.913	3.150	1560102	960761	54.734	42.029
9)	L2 AR-1221-2	4.004	3.233	1713388	1119357	82.485	62.526
10)	L2 AR-1221-3	4.081	3.312	3686969	2531055	61.139	46.962
11)	L3 AR-1232-1	4.081	3.312	3686969	2531055	79.891	61.760
12)	L3 AR-1232-2	4.634	4.057	336820	467771	12.536	10.712
13)	L3 AR-1232-3	4.943	4.236	540937	353157	10.914	14.467 #
14)	L3 AR-1232-4	5.107	0.000	256273	0	9.933	N.D. #
15)	L3 AR-1232-5	0.000	4.506	0	341361	N.D.	15.414 #
16)	L4 AR-1242-1	4.920	4.041	393517	189272	6.408	3.783 #
17)	L4 AR-1242-2	4.943	4.057	540937	467771	6.549	6.260
18)	L4 AR-1242-3	5.008	4.236	395305	353157	7.436	8.493
19)	L4 AR-1242-4	5.107	0.000	256273	0	5.845	N.D. #
20)	L4 AR-1242-5	5.912	4.900f	287947	448239	4.571	9.266 #
21)	L5 AR-1248-1	4.920	4.041	393517	189272	8.551	4.975 #
22)	L5 AR-1248-2	0.000	4.282	0	229152	N.D.	4.836 #
24)	L5 AR-1248-4	5.869	4.506	119687	341361	1.132	5.298 #
25)	L5 AR-1248-5	5.912	4.900f	287947	448239	2.759	6.509 #
26)	L6 AR-1254-1	5.835	4.900f	343482	448239	3.149	4.634 #
27)	L6 AR-1254-2	6.078	0.000	205291	0	1.140	N.D. #
28)	L6 AR-1254-3	6.454	5.443	477630	164474	2.375	1.116 #
29)	L6 AR-1254-4	6.784	0.000	85073	0	0.549	N.D. #
30)	L6 AR-1254-5	7.238	6.133	68018	115157	0.403	0.818 #
32)	L7 AR-1260-2	6.914	0.000	112222	0	0.578	N.D. #
33)	L7 AR-1260-3	0.000	5.973	0	202489	N.D.	1.720 #
34)	L7 AR-1260-4	0.000	6.483f	0	45046	N.D.	0.483 #
35)	L7 AR-1260-5	0.000	6.739	0	270659	N.D.	1.157 #
36)	L8 AR-1262-1	0.000	6.213f	0	157743	N.D.	1.207 #
37)	L8 AR-1262-2	0.000	6.483f	0	45046	N.D.	0.360 #
38)	L8 AR-1262-3	0.000	7.041	0	521135	N.D.	5.112 #
39)	L8 AR-1262-4	0.000	7.106	0	229065	N.D.	1.109 #
40)	L8 AR-1262-5	0.000	7.665f	0	136496	N.D.	1.395 #
41)	L9 AR-1268-1	0.000	7.041	0	521135	N.D.	1.666 #
42)	L9 AR-1268-2	0.000	7.106	0	229065	N.D.	0.717 #
43)	L9 AR-1268-3	0.000	7.328	0	182593	N.D.	0.671 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 23:26:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102422.M
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 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
44) L9	AR-1268-4	0.000	7.665f	0	136496	N.D.	1.248 #
45) L9	AR-1268-5	9.311	7.936	392515	1096584	0.494	1.103 #

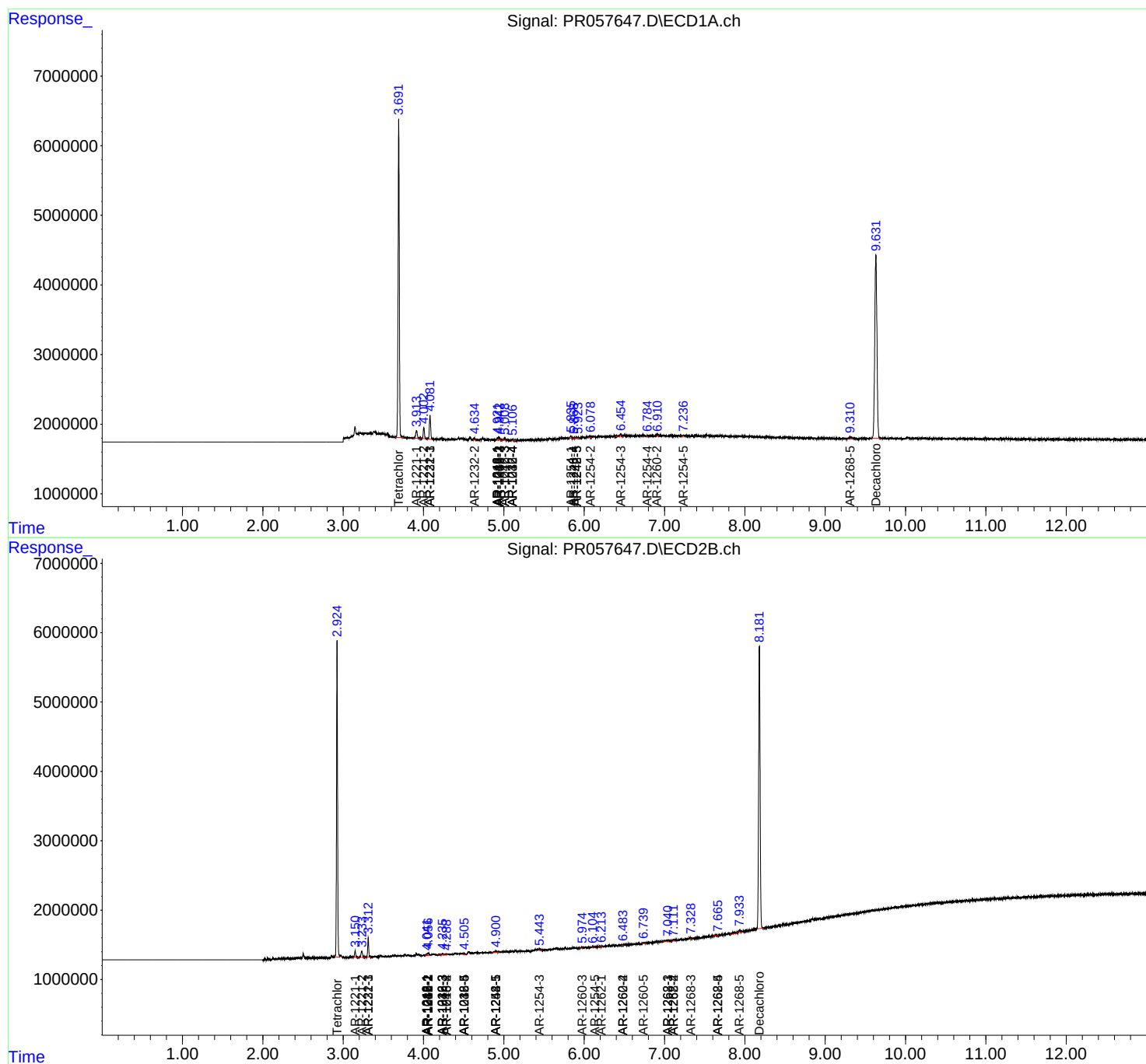
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

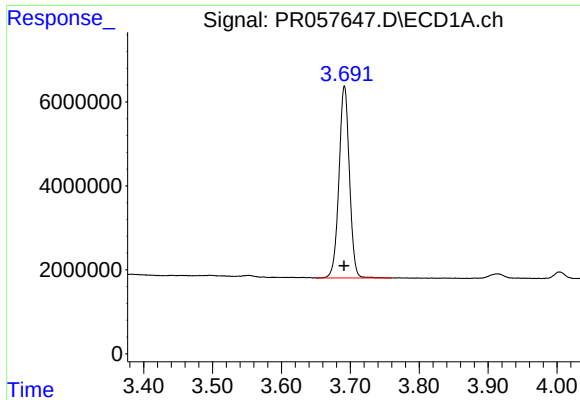
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102522\
Data File : PR057647.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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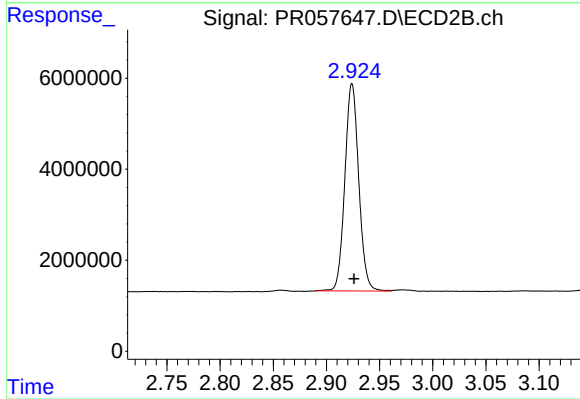




#1 Tetrachloro-m-xylene

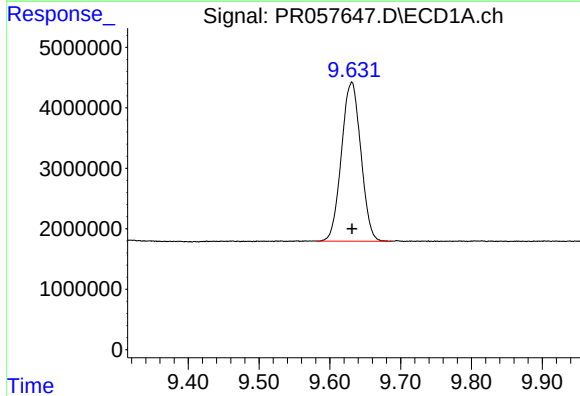
R.T.: 3.692 min
Delta R.T.: 0.000 min
Response: 48179763
Conc: 22.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



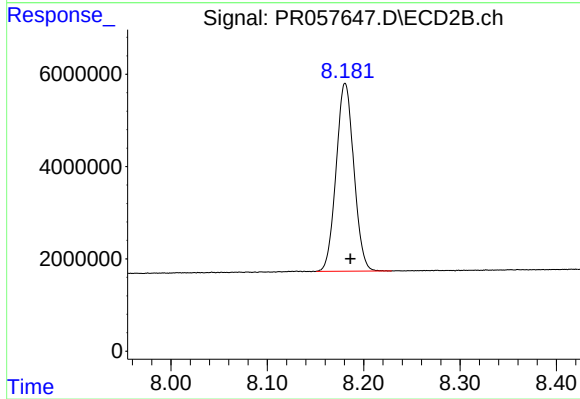
#1 Tetrachloro-m-xylene

R.T.: 2.924 min
Delta R.T.: -0.002 min
Response: 41527840
Conc: 20.64 ng/ml



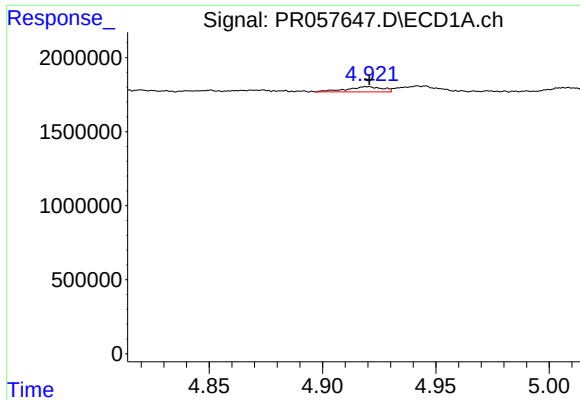
#2 Decachlorobiphenyl

R.T.: 9.631 min
Delta R.T.: 0.000 min
Response: 49966461
Conc: 22.60 ng/ml



#2 Decachlorobiphenyl

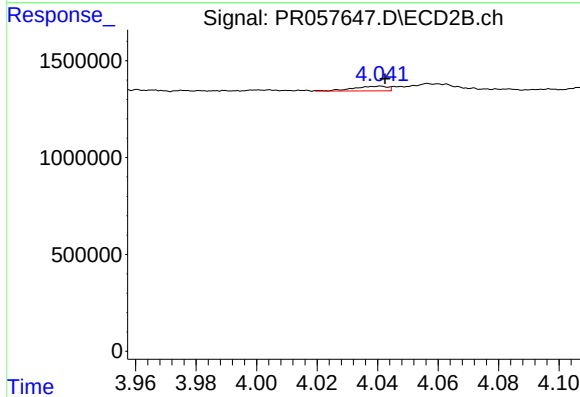
R.T.: 8.181 min
Delta R.T.: -0.005 min
Response: 51956483
Conc: 22.01 ng/ml



#3 AR-1016-1

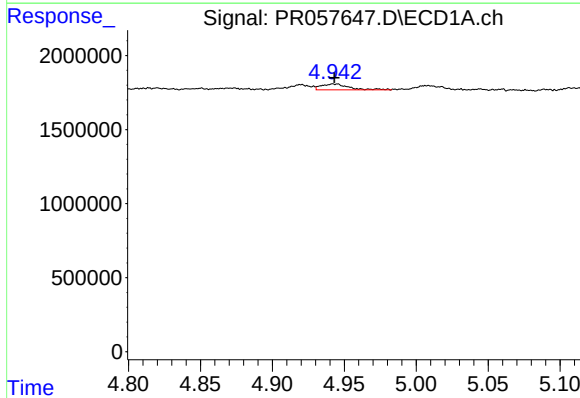
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 393517
Conc: 5.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



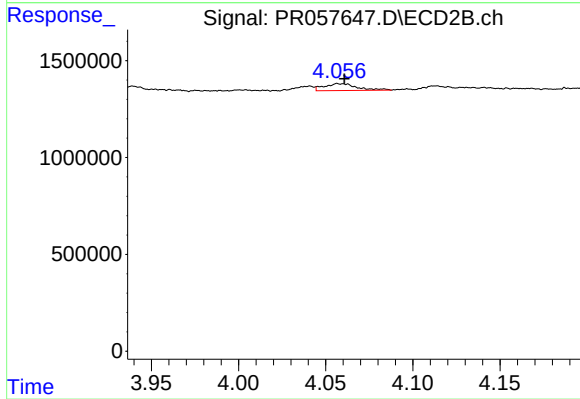
#3 AR-1016-1

R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 189272
Conc: 2.94 ng/ml



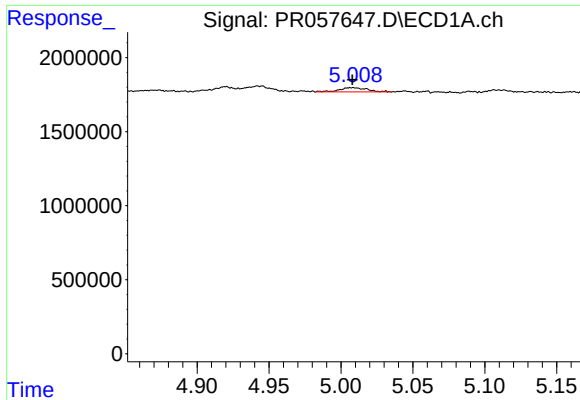
#4 AR-1016-2

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 540937
Conc: 5.11 ng/ml



#4 AR-1016-2

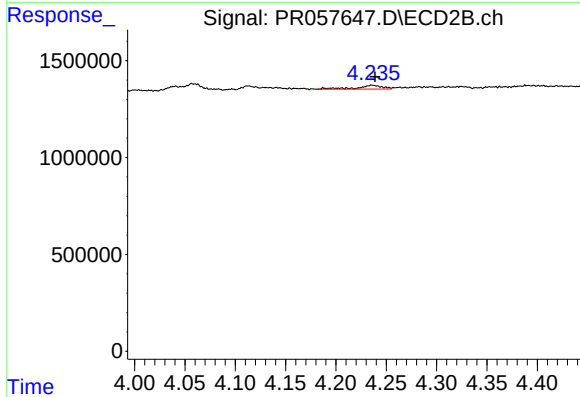
R.T.: 4.057 min
Delta R.T.: -0.003 min
Response: 467771
Conc: 4.87 ng/ml



#5 AR-1016-3

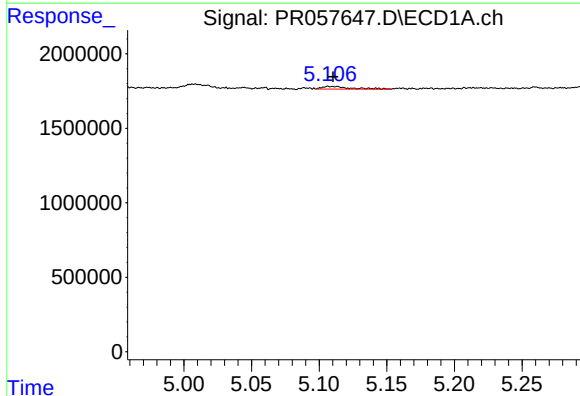
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 395305
Conc: 5.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



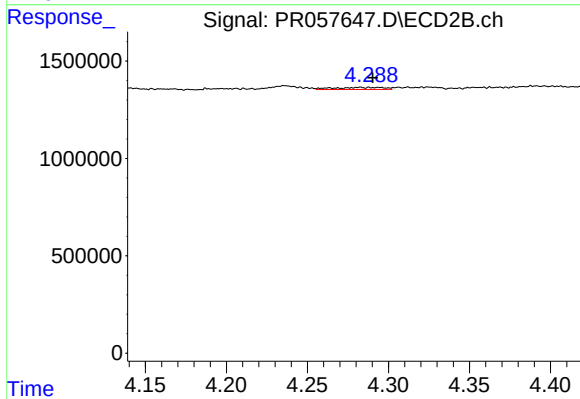
#5 AR-1016-3

R.T.: 4.236 min
Delta R.T.: -0.003 min
Response: 353157
Conc: 6.64 ng/ml



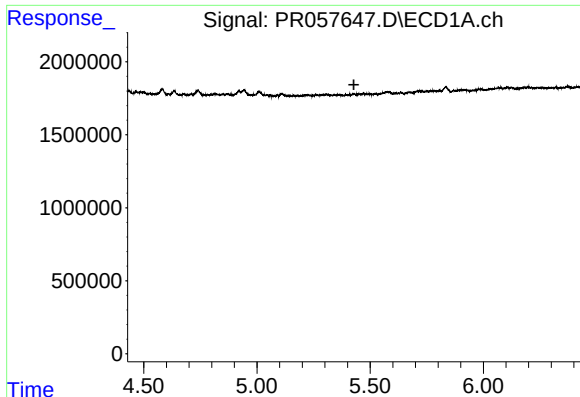
#6 AR-1016-4

R.T.: 5.107 min
Delta R.T.: -0.003 min
Response: 256273
Conc: 4.59 ng/ml



#6 AR-1016-4

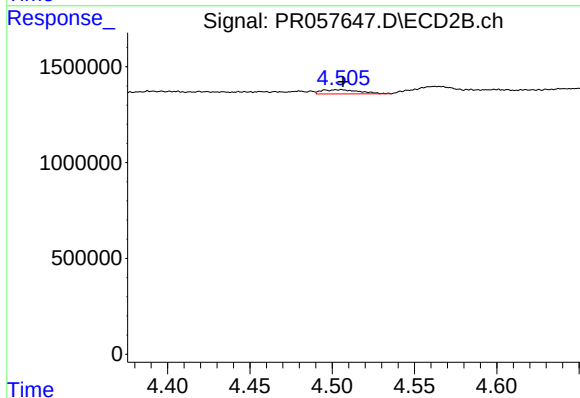
R.T.: 4.282 min
Delta R.T.: -0.008 min
Response: 229152
Conc: 6.65 ng/ml



#7 AR-1016-5

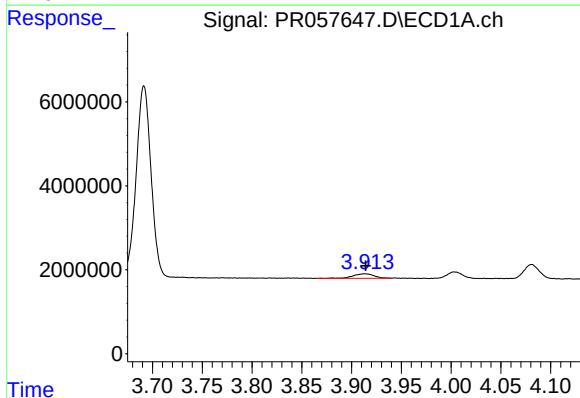
R.T.: 0.000 min
Exp R.T.: 5.428 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



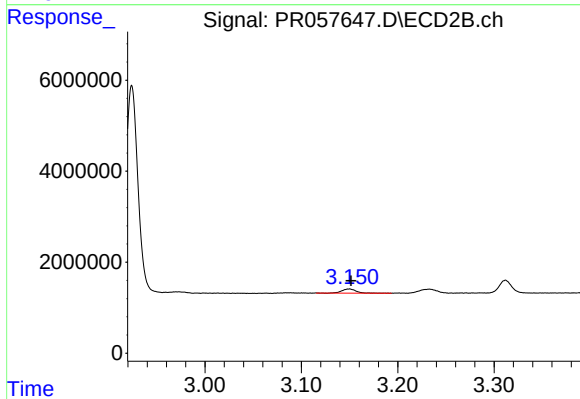
#7 AR-1016-5

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 341361
Conc: 6.84 ng/ml



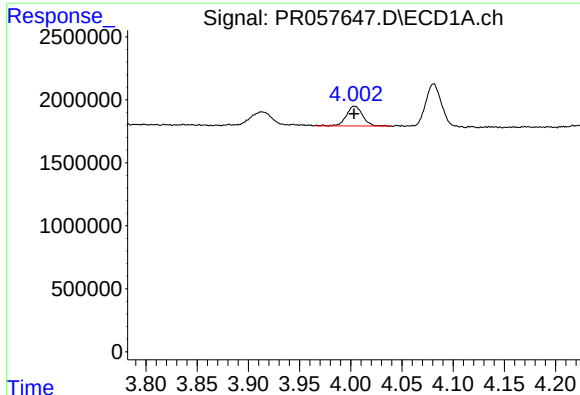
#8 AR-1221-1

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 1560102
Conc: 54.73 ng/ml



#8 AR-1221-1

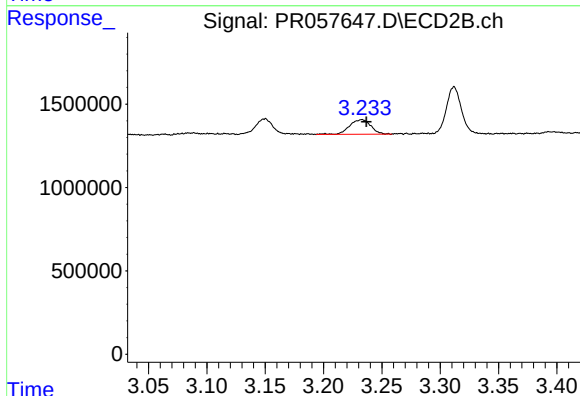
R.T.: 3.150 min
Delta R.T.: -0.002 min
Response: 960761
Conc: 42.03 ng/ml



#9 AR-1221-2

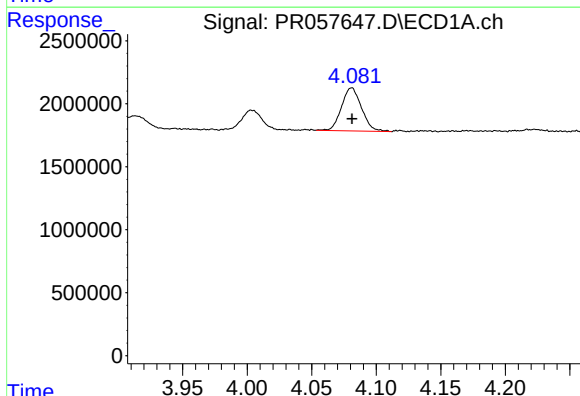
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 1713388
Conc: 82.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



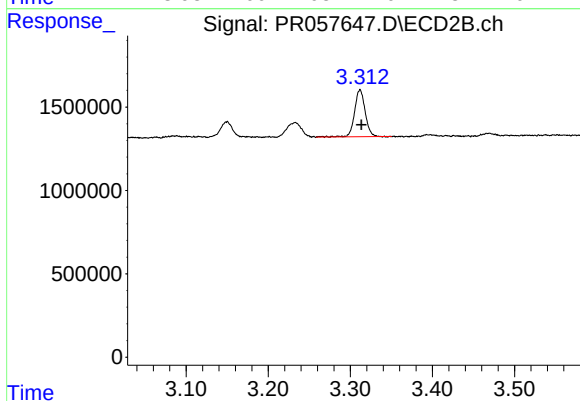
#9 AR-1221-2

R.T.: 3.233 min
Delta R.T.: -0.004 min
Response: 1119357
Conc: 62.53 ng/ml



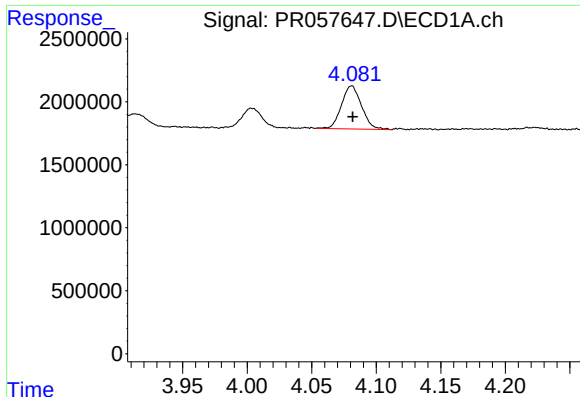
#10 AR-1221-3

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 3686969
Conc: 61.14 ng/ml



#10 AR-1221-3

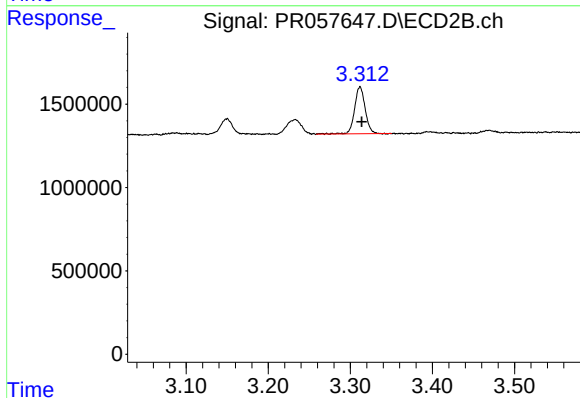
R.T.: 3.312 min
Delta R.T.: -0.002 min
Response: 2531055
Conc: 46.96 ng/ml



#11 AR-1232-1

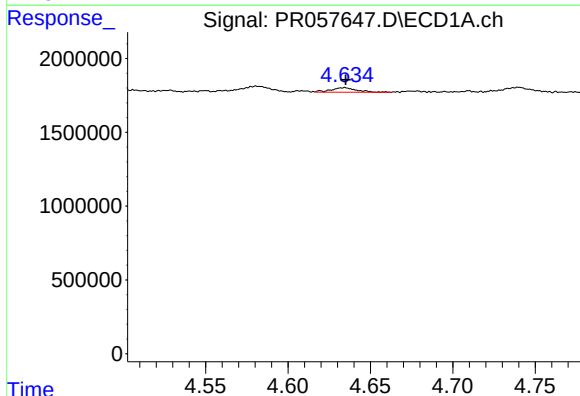
R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 3686969
Conc: 79.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



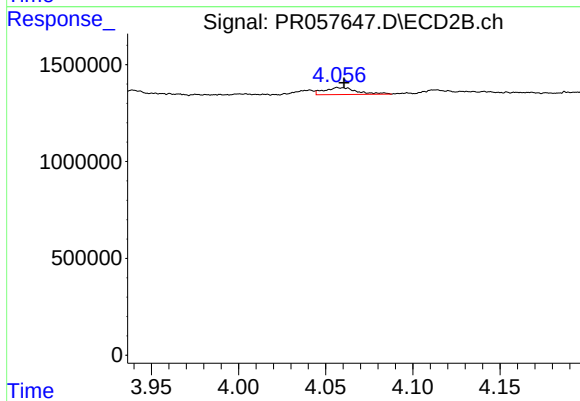
#11 AR-1232-1

R.T.: 3.312 min
Delta R.T.: -0.002 min
Response: 2531055
Conc: 61.76 ng/ml



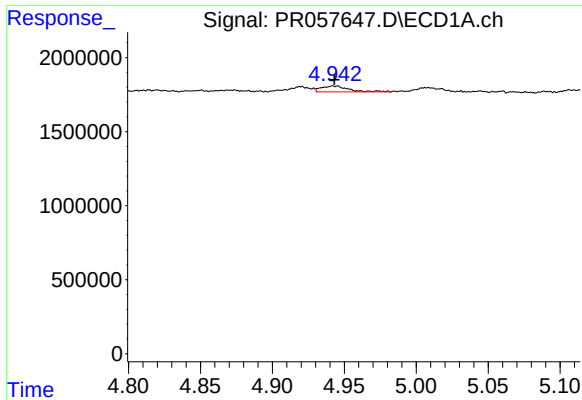
#12 AR-1232-2

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 336820
Conc: 12.54 ng/ml



#12 AR-1232-2

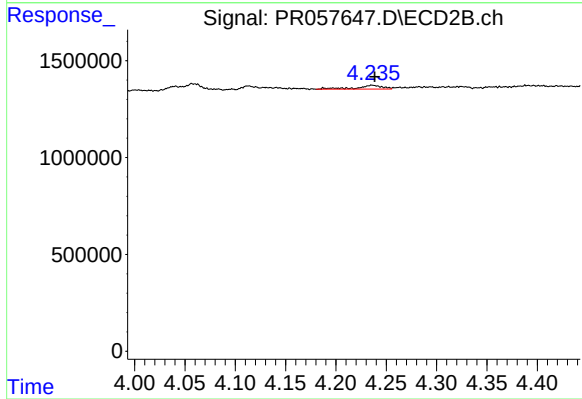
R.T.: 4.057 min
Delta R.T.: -0.003 min
Response: 467771
Conc: 10.71 ng/ml



#13 AR-1232-3

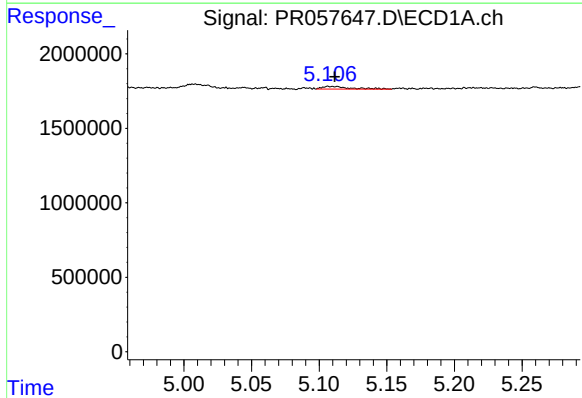
R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 540937
Conc: 10.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



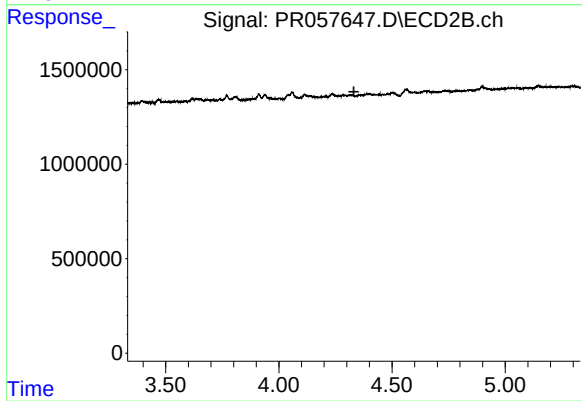
#13 AR-1232-3

R.T.: 4.236 min
Delta R.T.: -0.002 min
Response: 353157
Conc: 14.47 ng/ml



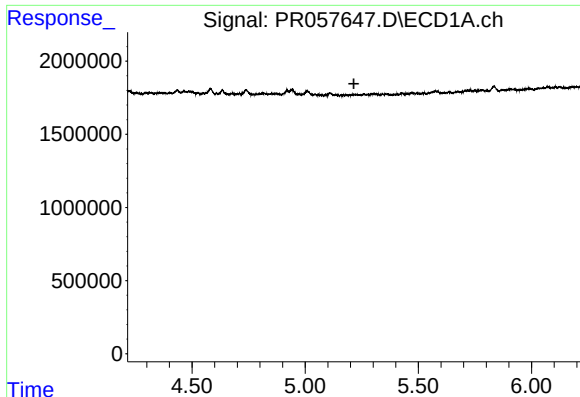
#14 AR-1232-4

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 256273
Conc: 9.93 ng/ml



#14 AR-1232-4

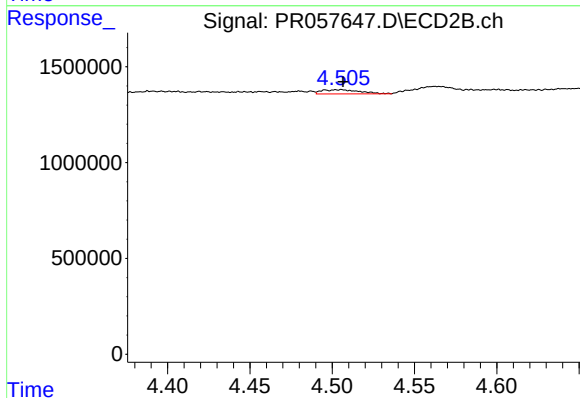
R.T.: 0.000 min
Exp R.T.: 4.332 min
Response: 0
Conc: N.D.



#15 AR-1232-5

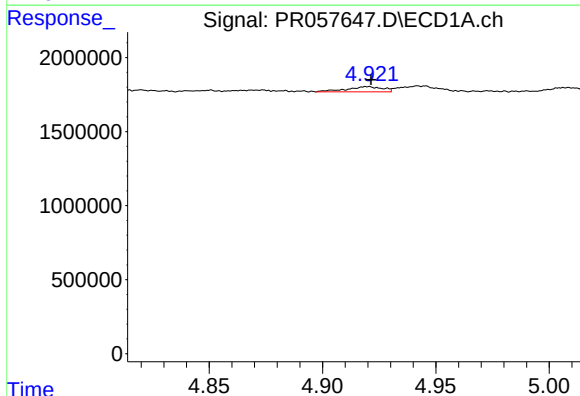
R.T.: 0.000 min
Exp R.T.: 5.215 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



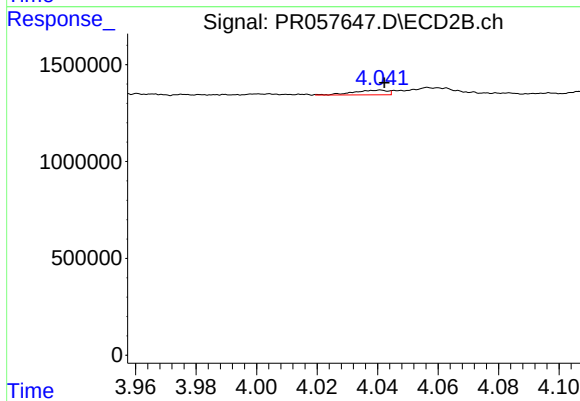
#15 AR-1232-5

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 341361
Conc: 15.41 ng/ml



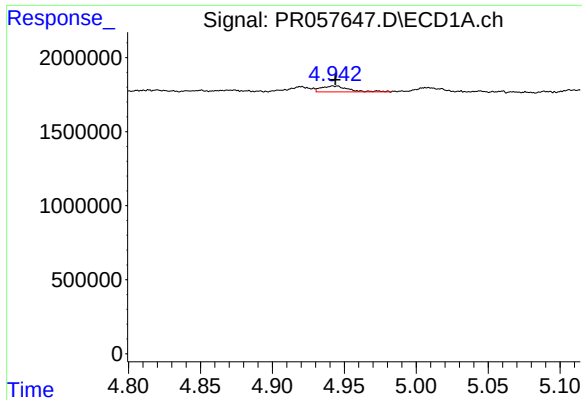
#16 AR-1242-1

R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 393517
Conc: 6.41 ng/ml



#16 AR-1242-1

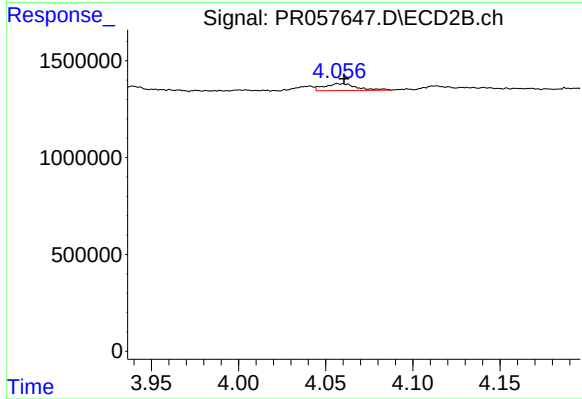
R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 189272
Conc: 3.78 ng/ml



#17 AR-1242-2

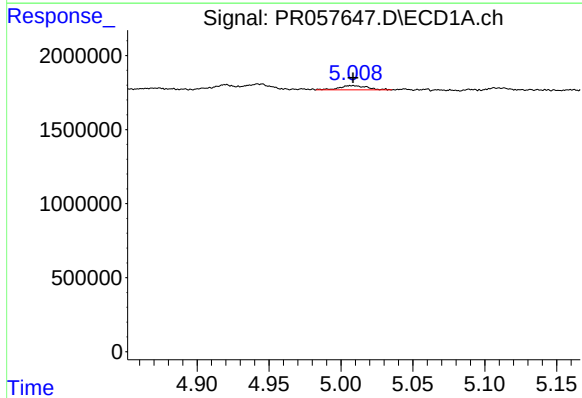
R.T.: 4.943 min
Delta R.T.: -0.001 min
Response: 540937
Conc: 6.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



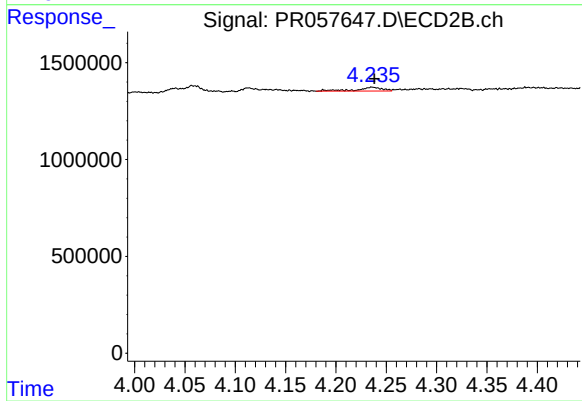
#17 AR-1242-2

R.T.: 4.057 min
Delta R.T.: -0.003 min
Response: 467771
Conc: 6.26 ng/ml



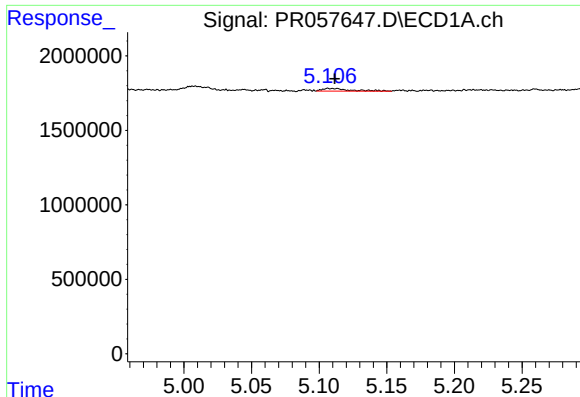
#18 AR-1242-3

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 395305
Conc: 7.44 ng/ml



#18 AR-1242-3

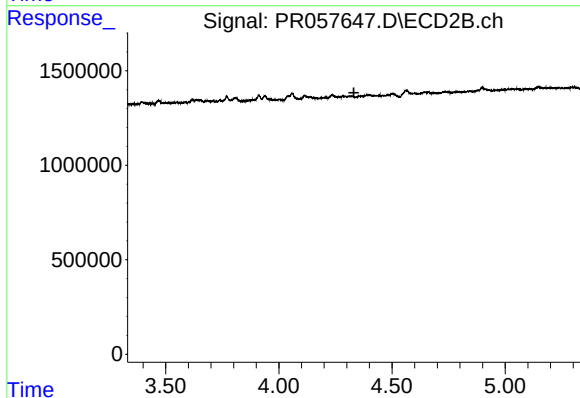
R.T.: 4.236 min
Delta R.T.: -0.002 min
Response: 353157
Conc: 8.49 ng/ml



#19 AR-1242-4

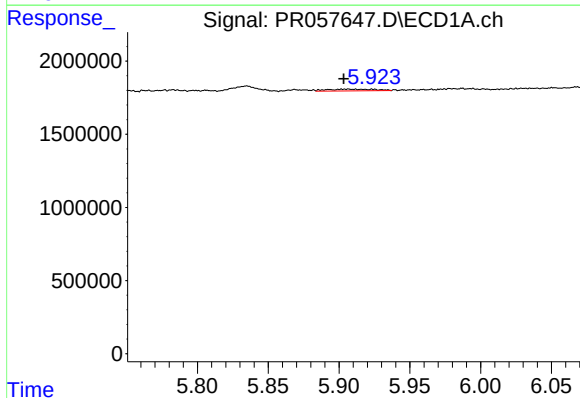
R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 256273
Conc: 5.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



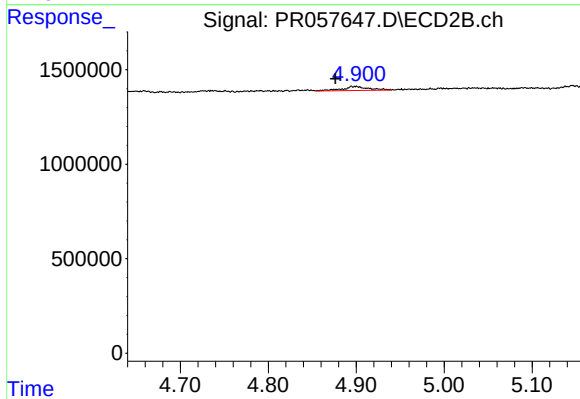
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.331 min
Response: 0
Conc: N.D.



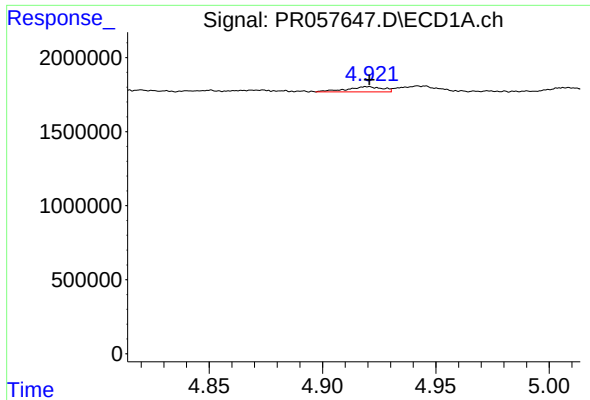
#20 AR-1242-5

R.T.: 5.912 min
Delta R.T.: 0.008 min
Response: 287947
Conc: 4.57 ng/ml



#20 AR-1242-5

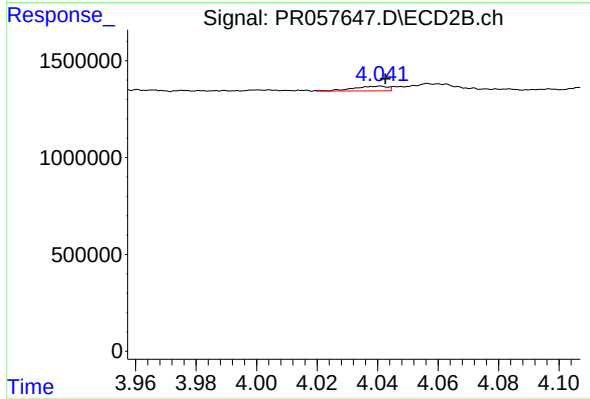
R.T.: 4.900 min
Delta R.T.: 0.024 min
Response: 448239
Conc: 9.27 ng/ml



#21 AR-1248-1

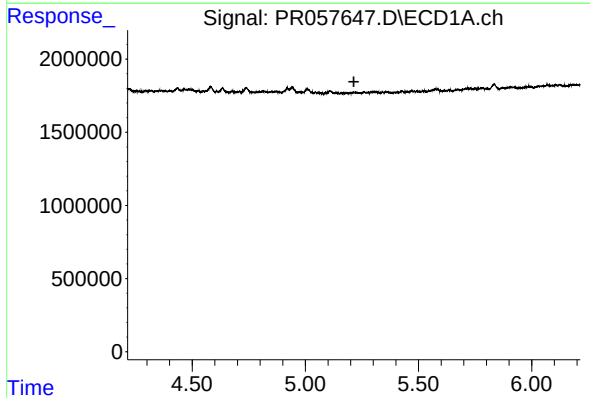
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 393517
Conc: 8.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



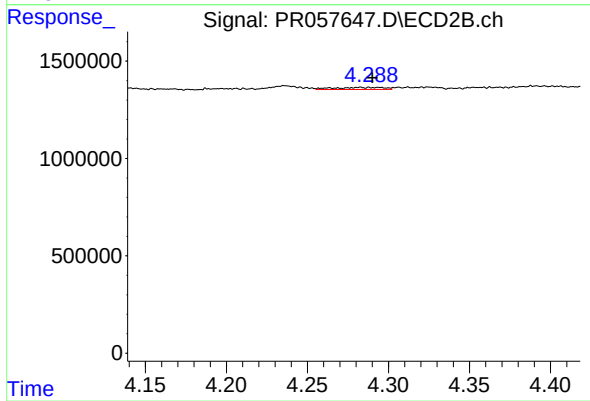
#21 AR-1248-1

R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 189272
Conc: 4.97 ng/ml



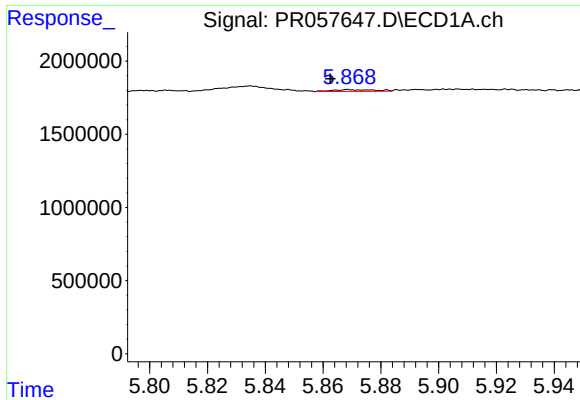
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.214 min
Response: 0
Conc: N.D.



#22 AR-1248-2

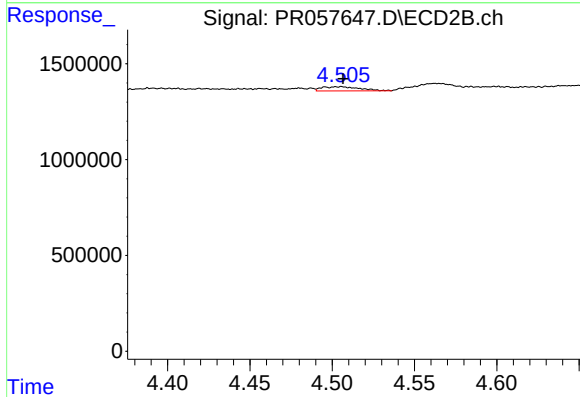
R.T.: 4.282 min
Delta R.T.: -0.008 min
Response: 229152
Conc: 4.84 ng/ml



#24 AR-1248-4

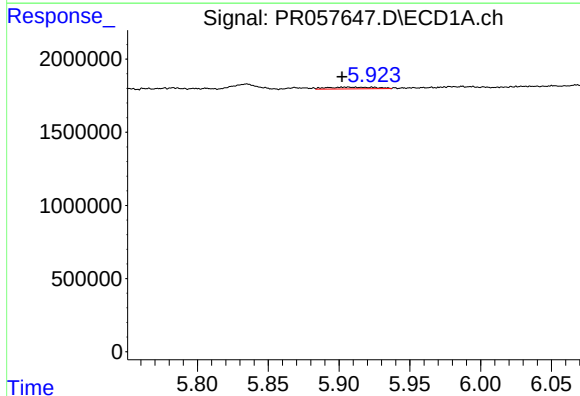
R.T.: 5.869 min
Delta R.T.: 0.006 min
Response: 119687
Conc: 1.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



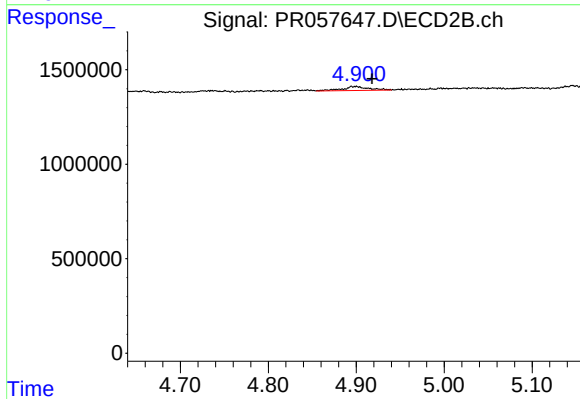
#24 AR-1248-4

R.T.: 4.506 min
Delta R.T.: -0.001 min
Response: 341361
Conc: 5.30 ng/ml



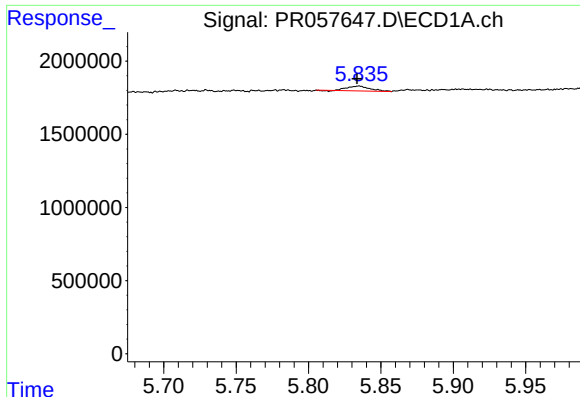
#25 AR-1248-5

R.T.: 5.912 min
Delta R.T.: 0.009 min
Response: 287947
Conc: 2.76 ng/ml



#25 AR-1248-5

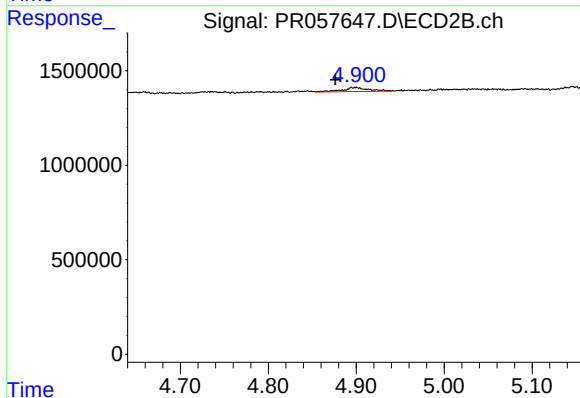
R.T.: 4.900 min
Delta R.T.: -0.018 min
Response: 448239
Conc: 6.51 ng/ml



#26 AR-1254-1

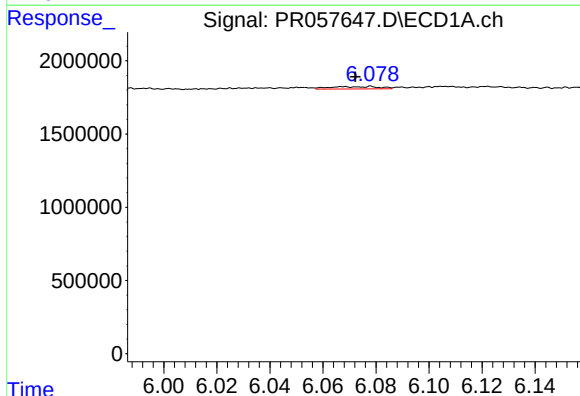
R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 343482
Conc: 3.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



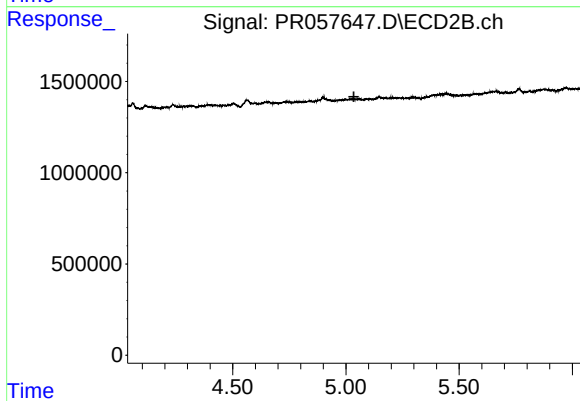
#26 AR-1254-1

R.T.: 4.900 min
Delta R.T.: 0.024 min
Response: 448239
Conc: 4.63 ng/ml



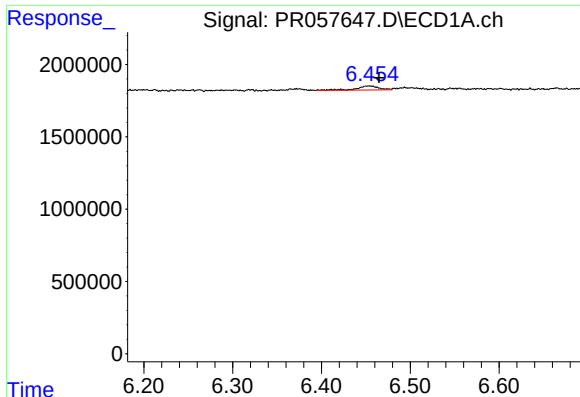
#27 AR-1254-2

R.T.: 6.078 min
Delta R.T.: 0.006 min
Response: 205291
Conc: 1.14 ng/ml



#27 AR-1254-2

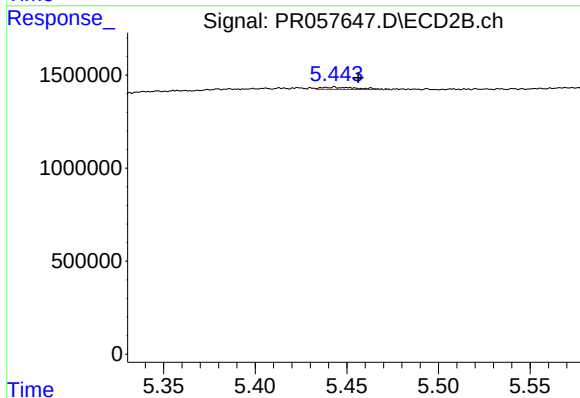
R.T.: 0.000 min
Exp R.T. : 5.035 min
Response: 0
Conc: N.D.



#28 AR-1254-3

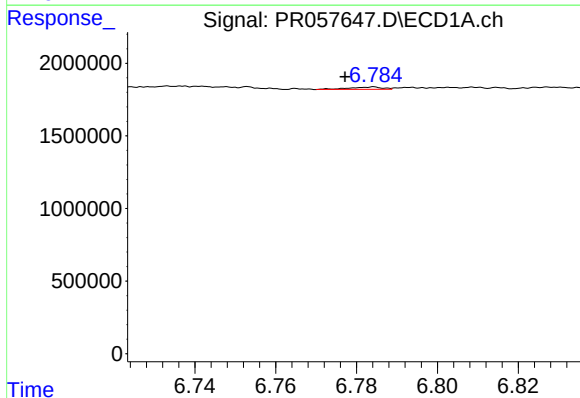
R.T.: 6.454 min
Delta R.T.: -0.011 min
Response: 477630
Conc: 2.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



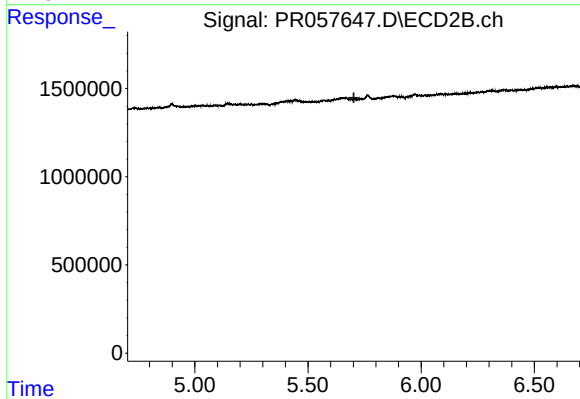
#28 AR-1254-3

R.T.: 5.443 min
Delta R.T.: -0.013 min
Response: 164474
Conc: 1.12 ng/ml



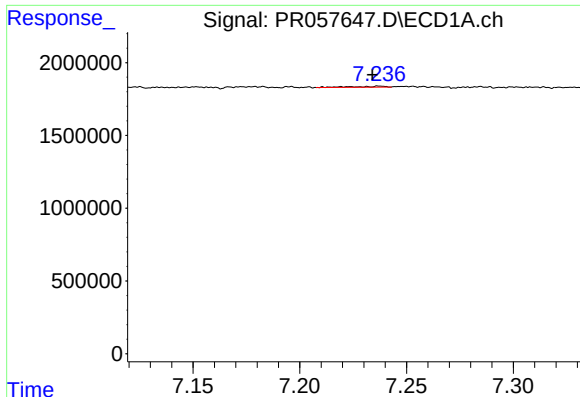
#29 AR-1254-4

R.T.: 6.784 min
Delta R.T.: 0.007 min
Response: 85073
Conc: 0.55 ng/ml



#29 AR-1254-4

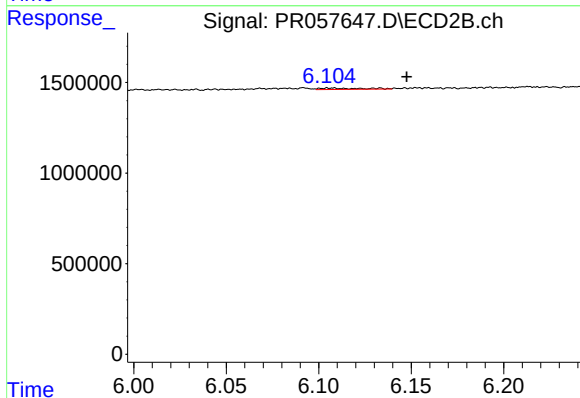
R.T.: 0.000 min
Exp R.T. : 5.703 min
Response: 0
Conc: N.D.



#30 AR-1254-5

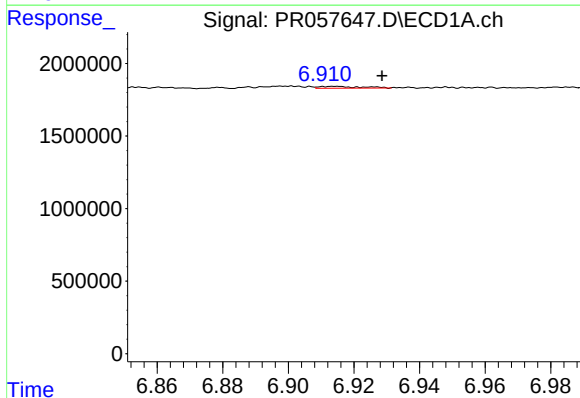
R.T.: 7.238 min
Delta R.T.: 0.004 min
Response: 68018
Conc: 0.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



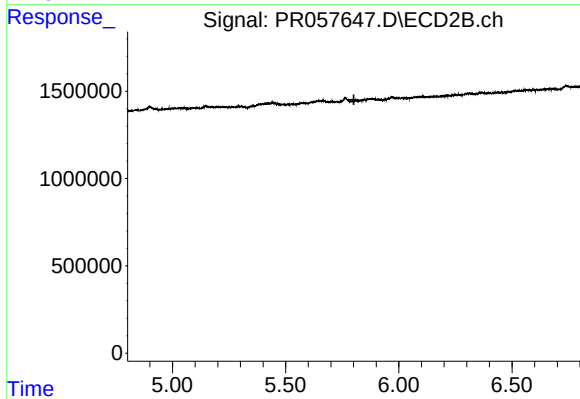
#30 AR-1254-5

R.T.: 6.133 min
Delta R.T.: -0.015 min
Response: 115157
Conc: 0.82 ng/ml



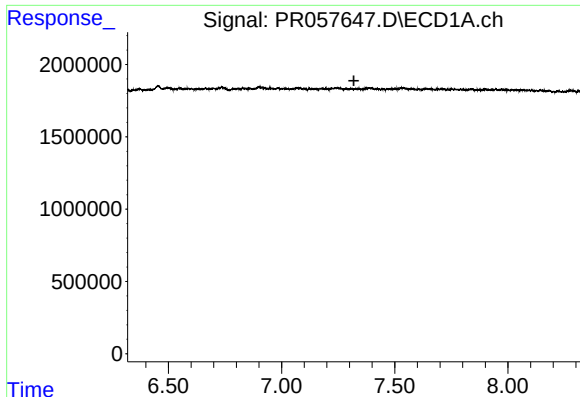
#32 AR-1260-2

R.T.: 6.914 min
Delta R.T.: -0.014 min
Response: 112222
Conc: 0.58 ng/ml



#32 AR-1260-2

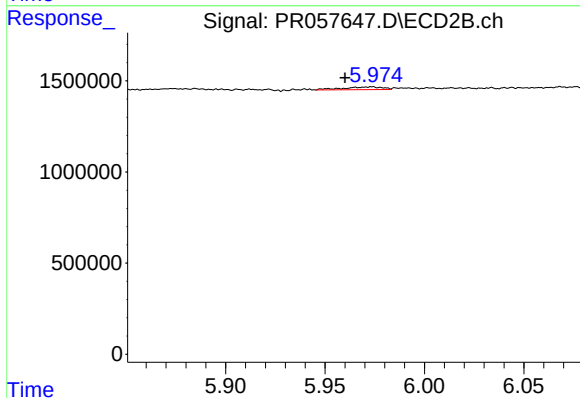
R.T.: 0.000 min
Exp R.T.: 5.801 min
Response: 0
Conc: N.D.



#33 AR-1260-3

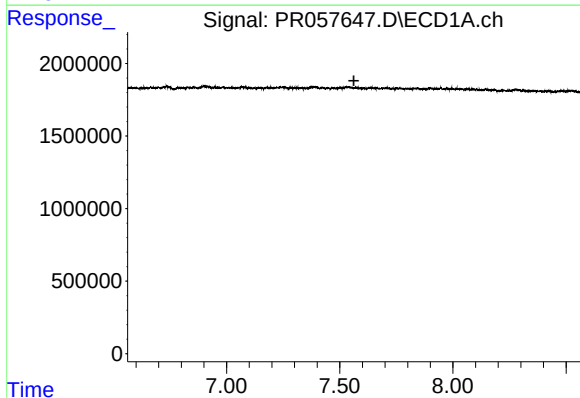
R.T.: 0.000 min
Exp R.T.: 7.320 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



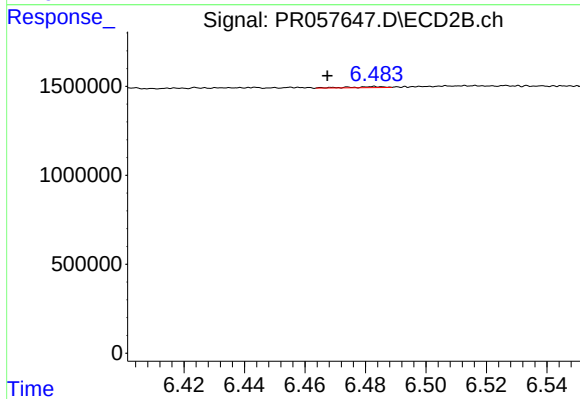
#33 AR-1260-3

R.T.: 5.973 min
Delta R.T.: 0.013 min
Response: 202489
Conc: 1.72 ng/ml



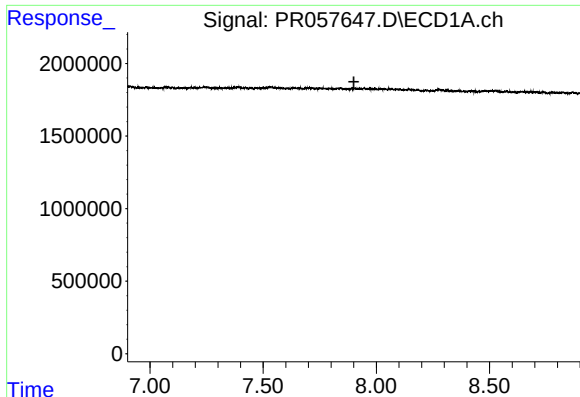
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.562 min
Response: 0
Conc: N.D.



#34 AR-1260-4

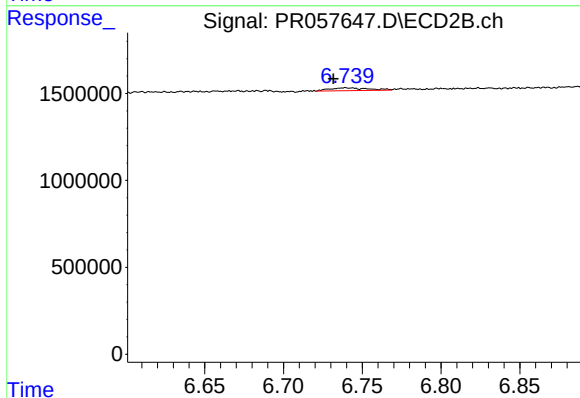
R.T.: 6.483 min
Delta R.T.: 0.016 min
Response: 45046
Conc: 0.48 ng/ml



#35 AR-1260-5

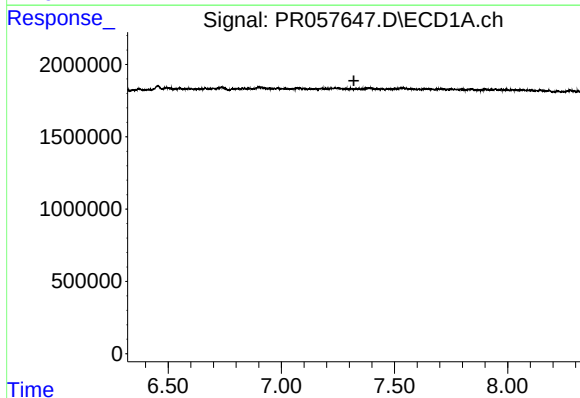
R.T.: 0.000 min
Exp R.T.: 7.901 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



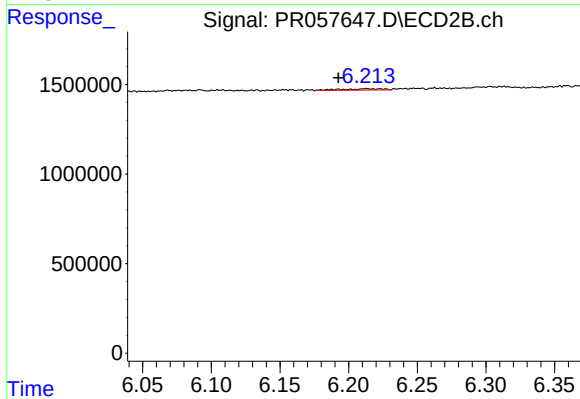
#35 AR-1260-5

R.T.: 6.739 min
Delta R.T.: 0.007 min
Response: 270659
Conc: 1.16 ng/ml



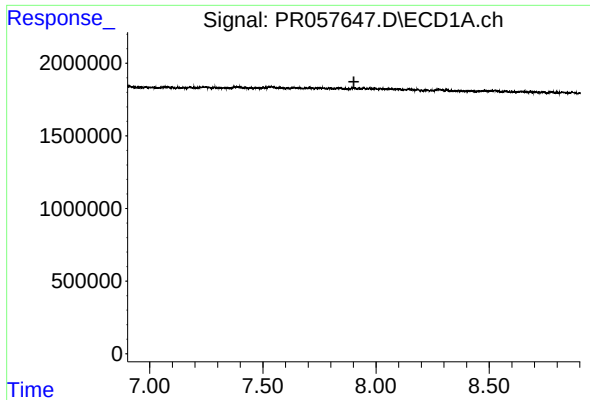
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.320 min
Response: 0
Conc: N.D.



#36 AR-1262-1

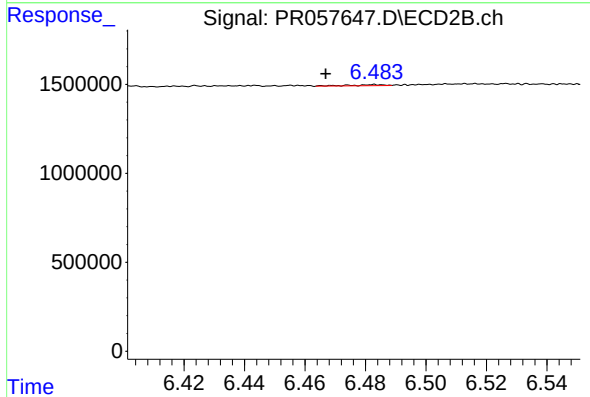
R.T.: 6.213 min
Delta R.T.: 0.020 min
Response: 157743
Conc: 1.21 ng/ml



#37 AR-1262-2

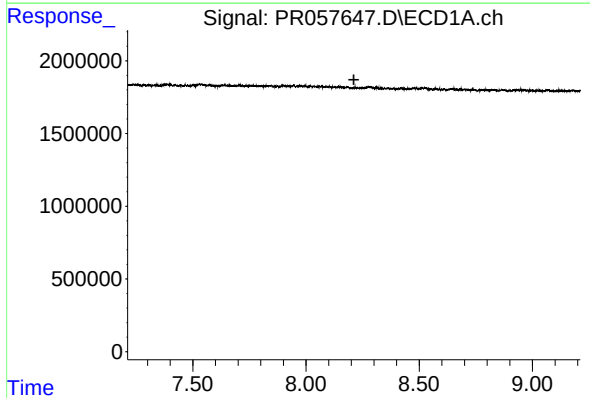
R.T.: 0.000 min
Exp R.T.: 7.902 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



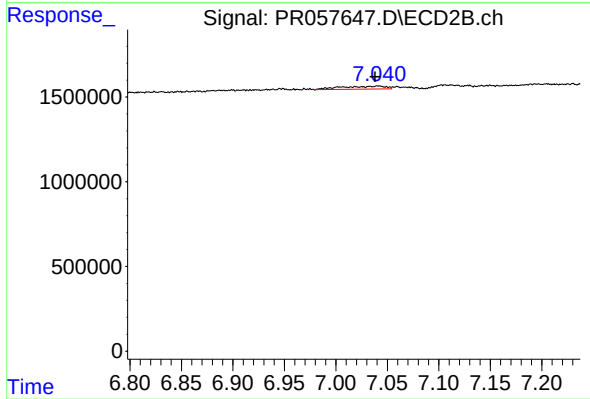
#37 AR-1262-2

R.T.: 6.483 min
Delta R.T.: 0.016 min
Response: 45046
Conc: 0.36 ng/ml



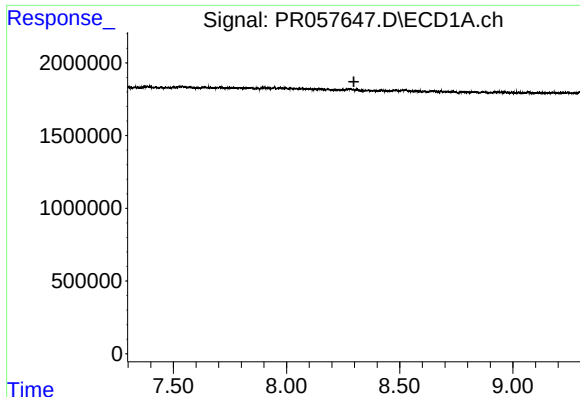
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.212 min
Response: 0
Conc: N.D.



#38 AR-1262-3

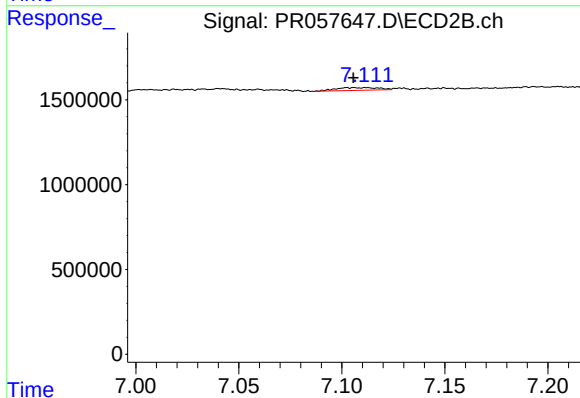
R.T.: 7.041 min
Delta R.T.: 0.003 min
Response: 521135
Conc: 5.11 ng/ml



#39 AR-1262-4

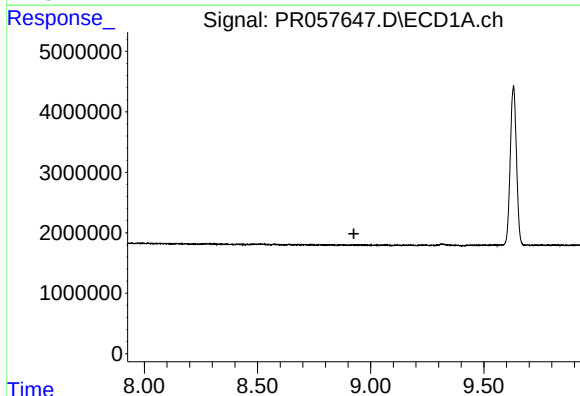
R.T.: 0.000 min
Exp R.T.: 8.297 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



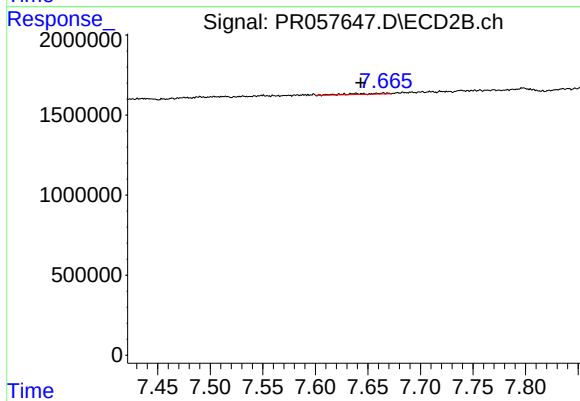
#39 AR-1262-4

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 229065
Conc: 1.11 ng/ml



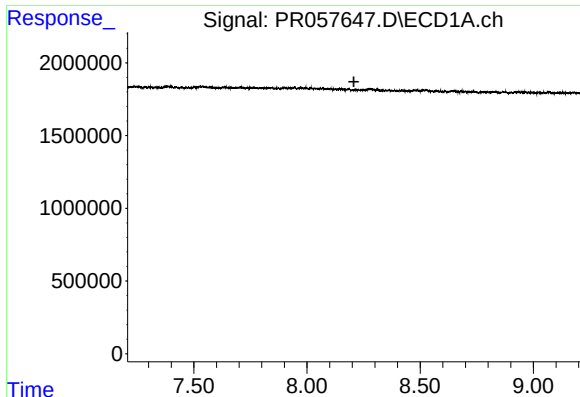
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.926 min
Response: 0
Conc: N.D.



#40 AR-1262-5

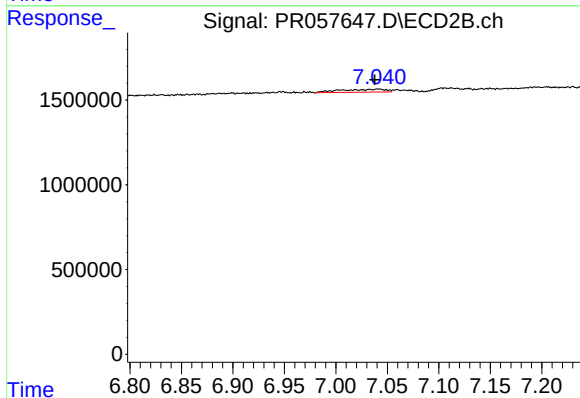
R.T.: 7.665 min
Delta R.T.: 0.022 min
Response: 136496
Conc: 1.40 ng/ml



#41 AR-1268-1

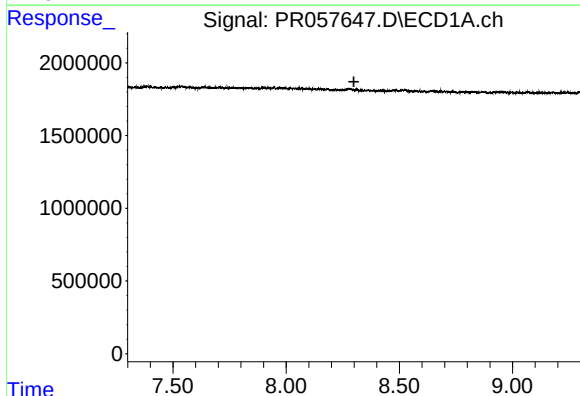
R.T.: 0.000 min
Exp R.T.: 8.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



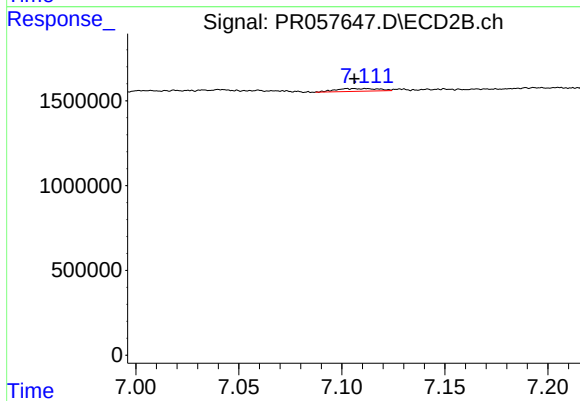
#41 AR-1268-1

R.T.: 7.041 min
Delta R.T.: 0.003 min
Response: 521135
Conc: 1.67 ng/ml



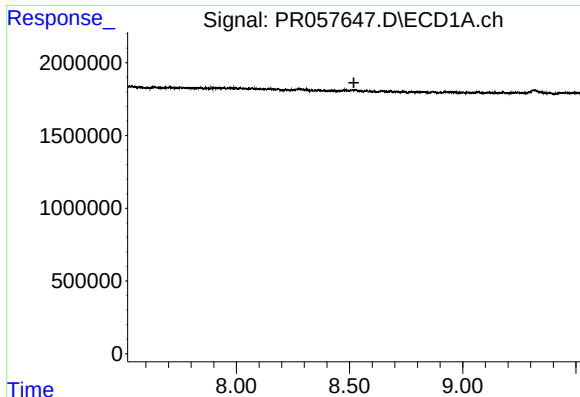
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.299 min
Response: 0
Conc: N.D.



#42 AR-1268-2

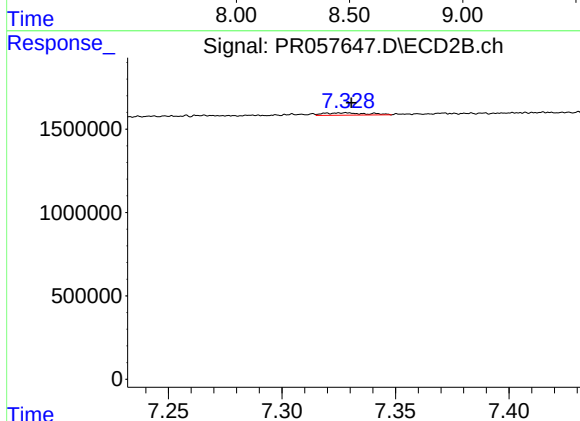
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 229065
Conc: 0.72 ng/ml



#43 AR-1268-3

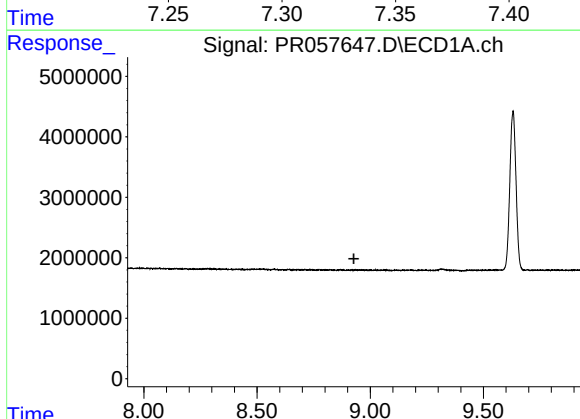
R.T.: 0.000 min
Exp R.T.: 8.519 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



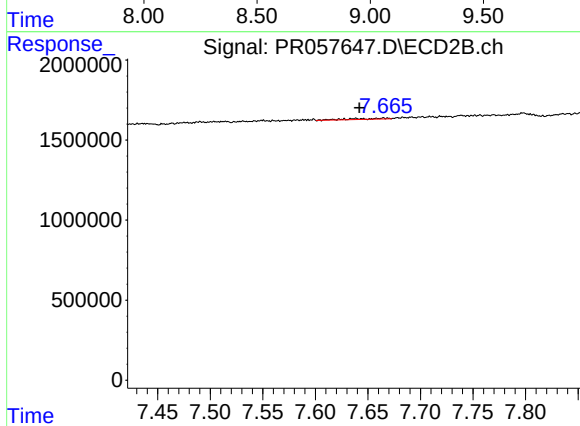
#43 AR-1268-3

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 182593
Conc: 0.67 ng/ml



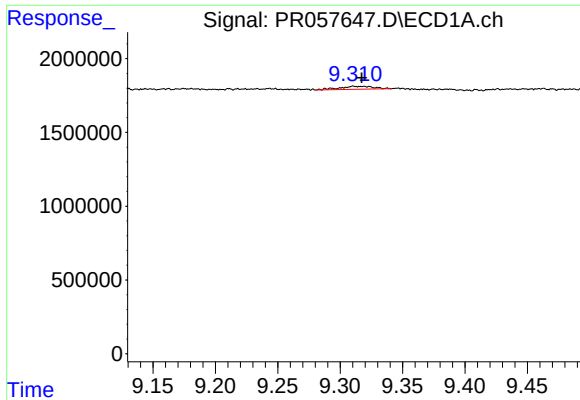
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.928 min
Response: 0
Conc: N.D.



#44 AR-1268-4

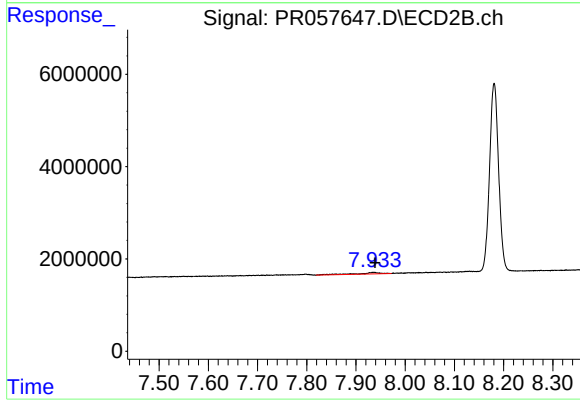
R.T.: 7.665 min
Delta R.T.: 0.023 min
Response: 136496
Conc: 1.25 ng/ml



#45 AR-1268-5

R.T.: 9.311 min
Delta R.T.: -0.007 min
Response: 392515
Conc: 0.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.936 min
Delta R.T.: -0.003 min
Response: 1096584
Conc: 1.10 ng/ml