

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR103018\
 Data File : PR033406.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2018 16:36
 Operator : SM\SJ
 Sample : J5164-09
 Misc : AR1221 MDL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 08:24:37 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 29 02:03:30 2018
 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...	4.759	3.740	388.6E6	1343.1E6	22.408	20.545
2)	SA Decachlor...	10.748	8.731	281.9E6	648.9E6	17.649	17.059
Target Compounds							
3)	L1 AR-1016-1	0.000	4.838	0	64478980	N.D.	28.378 #
4)	L1 AR-1016-2	0.000	4.838	0	64478980	N.D.	18.477 #
5)	L1 AR-1016-3	0.000	5.011	0	7019423	N.D.	4.070 #
6)	L1 AR-1016-4	0.000	5.061	0	52751045	N.D.	38.252 #
7)	L1 AR-1016-5	0.000	5.260	0	65630964	N.D.	36.463 #
8)	L2 AR-1221-1	4.971	3.954	14083292	19256121	62.575	25.711 #
9)	L2 AR-1221-2	0.000	4.040	0	38993111	N.D.	67.624 #
10)	L2 AR-1221-3	5.137	4.115	22826637	96178690	46.239	53.846
11)	L3 AR-1232-1	5.137	4.115	22826637	96178690	68.610	83.975
12)	L3 AR-1232-2	0.000	4.838	0	64478980	N.D.	52.578 #
13)	L3 AR-1232-3	0.000	5.011	0	7019423	N.D.	11.671 #
14)	L3 AR-1232-4	0.000	5.104	0	14775592	N.D.	27.877 #
15)	L3 AR-1232-5	0.000	5.260	0	65630964	N.D.	111.571 #
16)	L4 AR-1242-1	0.000	4.838	0	64478980	N.D.	34.942 #
17)	L4 AR-1242-2	0.000	4.838	0	64478980	N.D.	23.624 #
18)	L4 AR-1242-3	0.000	5.011	0	7019423	N.D.	5.084 #
19)	L4 AR-1242-4	0.000	5.104	0	14775592	N.D.	11.289 #
20)	L4 AR-1242-5	0.000	5.616	0	163.3E6	N.D.	98.620 #
21)	L5 AR-1248-1	0.000	4.838	0	64478980	N.D.	49.316 #
22)	L5 AR-1248-2	0.000	5.061	0	52751045	N.D.	31.550 #
23)	L5 AR-1248-3	0.000	5.104	0	14775592	N.D.	8.696 #
24)	L5 AR-1248-4	0.000	5.260	0	65630964	N.D.	31.478 #
25)	L5 AR-1248-5	0.000	5.652	0	176.8E6	N.D.	86.145 #
26)	L6 AR-1254-1	0.000	5.616	0	163.3E6	N.D.	42.409 #
27)	L6 AR-1254-2	0.000	5.754	0	232.2E6	N.D.	71.202 #
28)	L6 AR-1254-3	0.000	6.172	0	61774951	N.D.	11.952 #
29)	L6 AR-1254-4	7.643	6.382	1539919	118.9E6	1.663	38.186 #
30)	L6 AR-1254-5	0.000	6.766	0	260.9E6	N.D.	67.897 #
31)	L7 AR-1260-1	7.567	6.309	7756980	302.5E6	8.100	99.464 #
32)	L7 AR-1260-2	0.000	6.514	0	20489942	N.D.	5.716 #
33)	L7 AR-1260-3	0.000	6.597	0	144.0E6	N.D.	42.861 #
34)	L7 AR-1260-4	0.000	7.115	0	21724254	N.D.	8.361 #
35)	L7 AR-1260-5	0.000	7.322	0	38042203	N.D.	5.812 #
36)	L8 AR-1262-1	0.000	6.872	0	79189446	N.D.	22.607 #
37)	L8 AR-1262-2	0.000	7.322	0	38042203	N.D.	5.955 #
38)	L8 AR-1262-3	0.000	7.609	0	7869288	N.D.	3.126 #
39)	L8 AR-1262-4	0.000	7.665	0	5026930	N.D.	1.122 #
40)	L8 AR-1262-5	0.000	8.201	0	4140096	N.D.	2.267 #
41)	L9 AR-1268-1	0.000	7.609	0	7869288	N.D.	0.996 #

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 Operator : SM\SJ
 Sample : J5164-09
 Misc : AR1221 MDL
 ALS Vial : 7 Sample Multiplier: 1

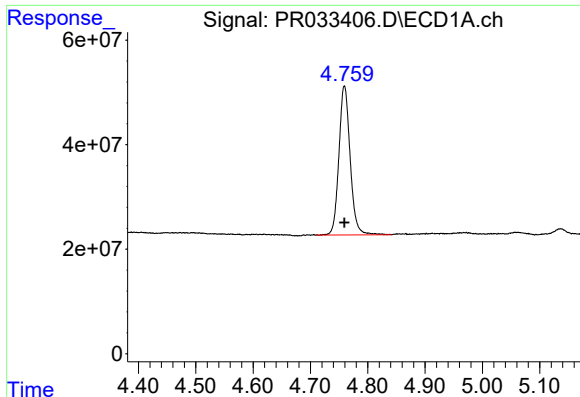
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 08:24:37 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102818.M
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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
42) L9	AR-1268-2	0.000	7.665	0	5026930	N.D.	0.703 #
43) L9	AR-1268-3	0.000	7.885	0	22402993	N.D.	3.682 #
44) L9	AR-1268-4	0.000	8.201	0	4140096	N.D.	1.915 #
45) L9	AR-1268-5	0.000	8.407	0	2177326	N.D.	0.126 #

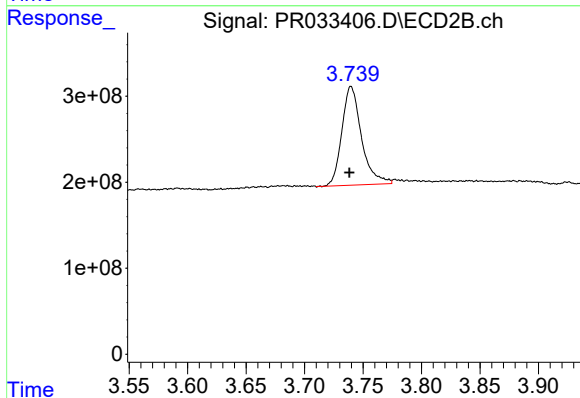
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

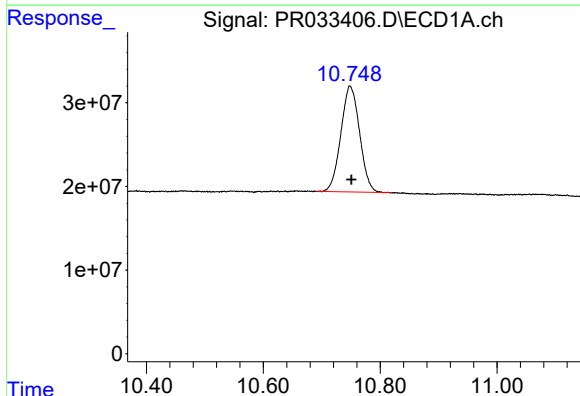
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 388580283
Conc: 22.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



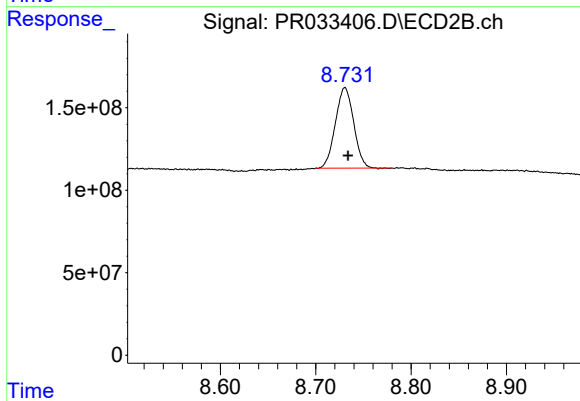
#1 Tetrachloro-m-xylene

R.T.: 3.740 min
Delta R.T.: 0.002 min
Response: 1343127490
Conc: 20.54 ng/ml



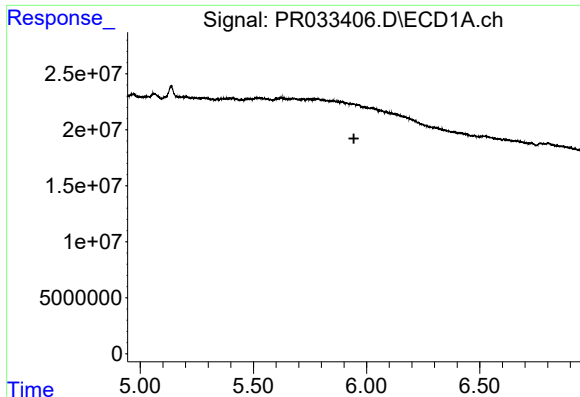
#2 Decachlorobiphenyl

R.T.: 10.748 min
Delta R.T.: -0.003 min
Response: 281859304
Conc: 17.65 ng/ml



#2 Decachlorobiphenyl

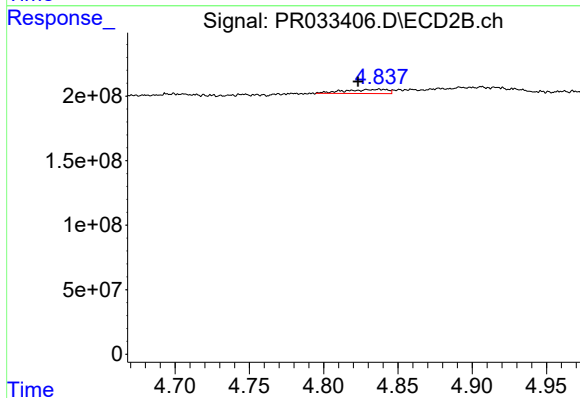
R.T.: 8.731 min
Delta R.T.: -0.003 min
Response: 648913800
Conc: 17.06 ng/ml



#3 AR-1016-1

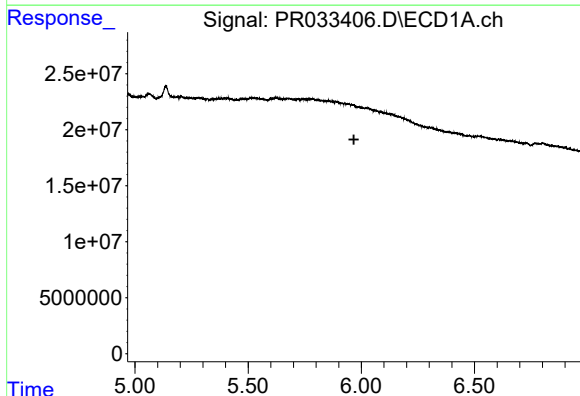
R.T.: 0.000 min
Exp R.T.: 5.944 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



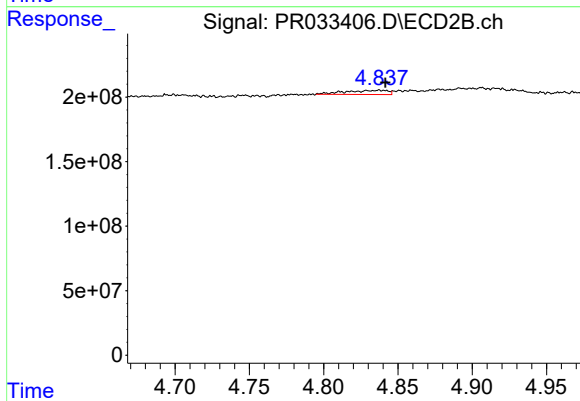
#3 AR-1016-1

R.T.: 4.838 min
Delta R.T.: 0.014 min
Response: 64478980
Conc: 28.38 ng/ml



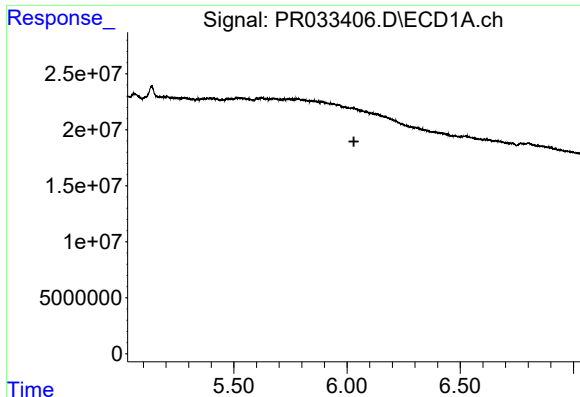
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.967 min
Response: 0
Conc: N.D.



#4 AR-1016-2

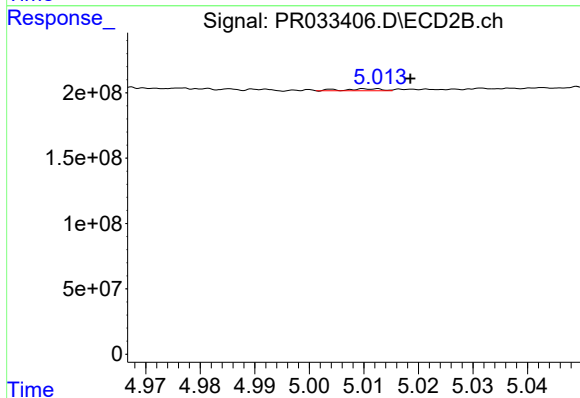
R.T.: 4.838 min
Delta R.T.: -0.004 min
Response: 64478980
Conc: 18.48 ng/ml



#5 AR-1016-3

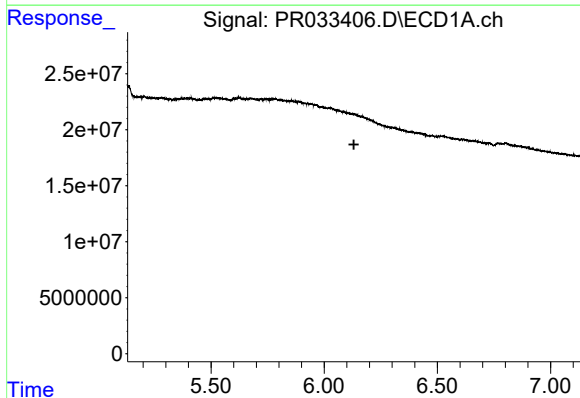
R.T.: 0.000 min
Exp R.T. : 6.030 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



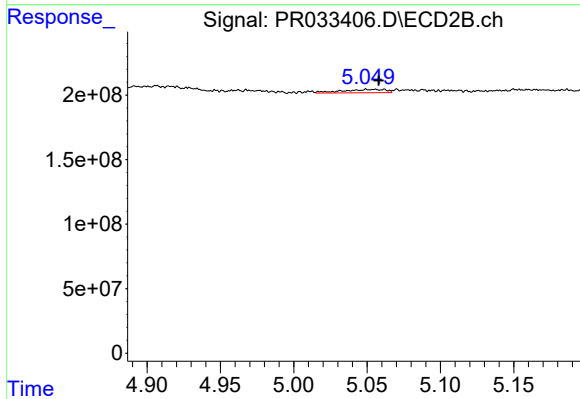
#5 AR-1016-3

R.T.: 5.011 min
Delta R.T.: -0.007 min
Response: 7019423
Conc: 4.07 ng/ml



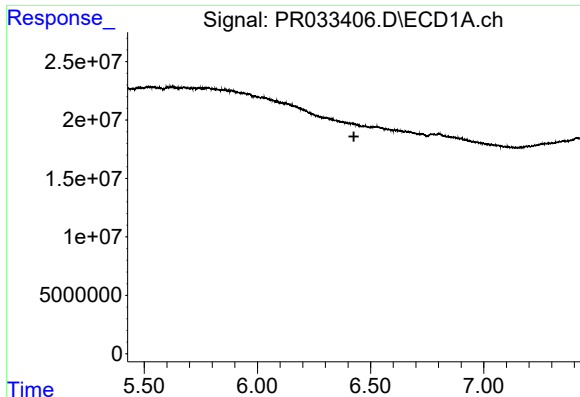
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.131 min
Response: 0
Conc: N.D.



#6 AR-1016-4

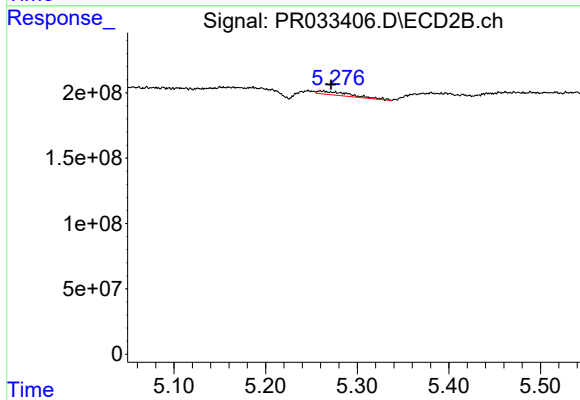
R.T.: 5.061 min
Delta R.T.: 0.003 min
Response: 52751045
Conc: 38.25 ng/ml



#7 AR-1016-5

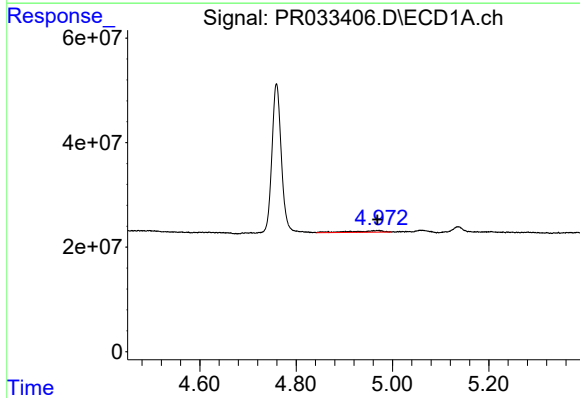
R.T.: 0.000 min
Exp R.T.: 6.426 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



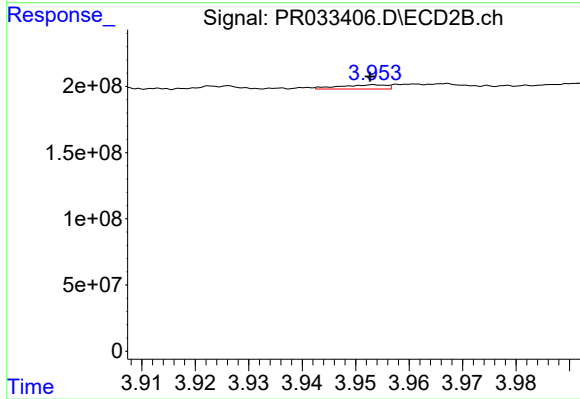
#7 AR-1016-5

R.T.: 5.260 min
Delta R.T.: -0.012 min
Response: 65630964
Conc: 36.46 ng/ml



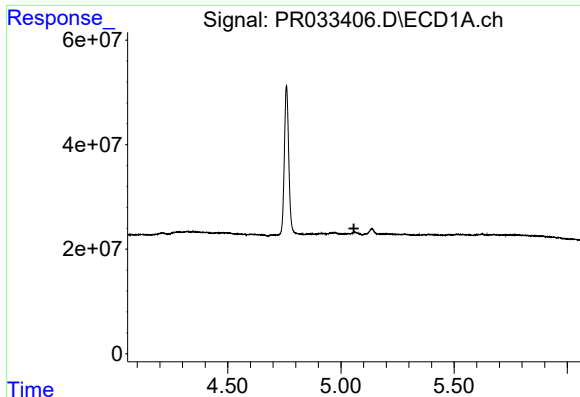
#8 AR-1221-1

R.T.: 4.971 min
Delta R.T.: 0.002 min
Response: 14083292
Conc: 62.57 ng/ml



#8 AR-1221-1

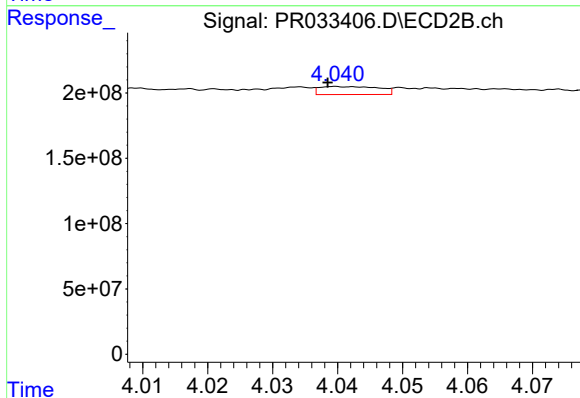
R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 19256121
Conc: 25.71 ng/ml



#9 AR-1221-2

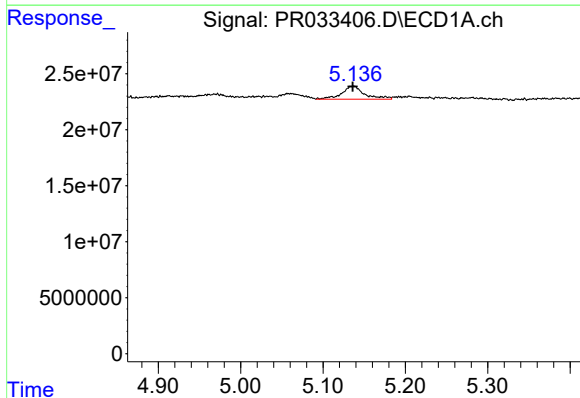
R.T.: 0.000 min
Exp R.T.: 5.057 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



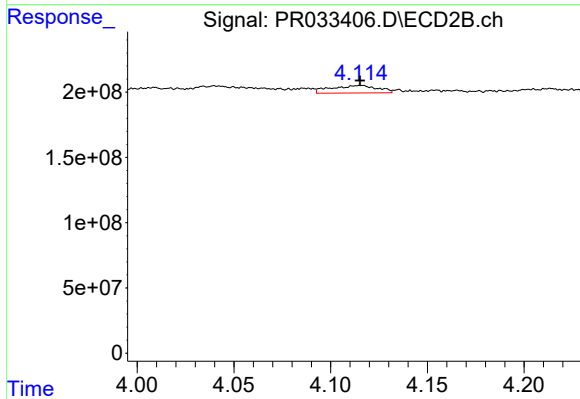
#9 AR-1221-2

R.T.: 4.040 min
Delta R.T.: 0.001 min
Response: 38993111
Conc: 67.62 ng/ml



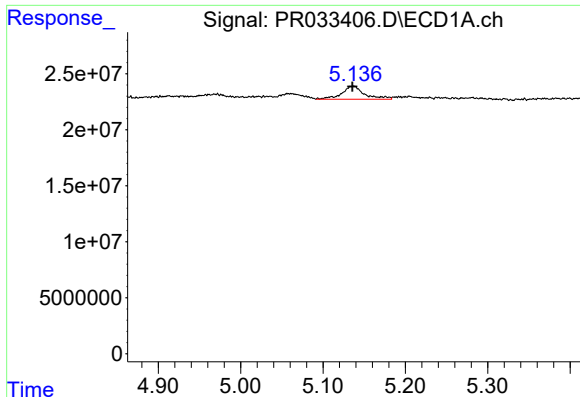
#10 AR-1221-3

R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 22826637
Conc: 46.24 ng/ml



#10 AR-1221-3

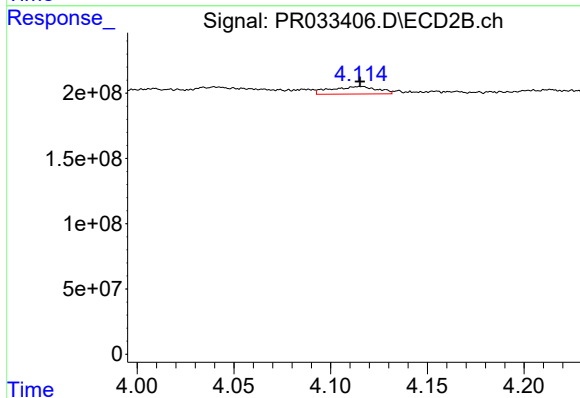
R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 96178690
Conc: 53.85 ng/ml



#11 AR-1232-1

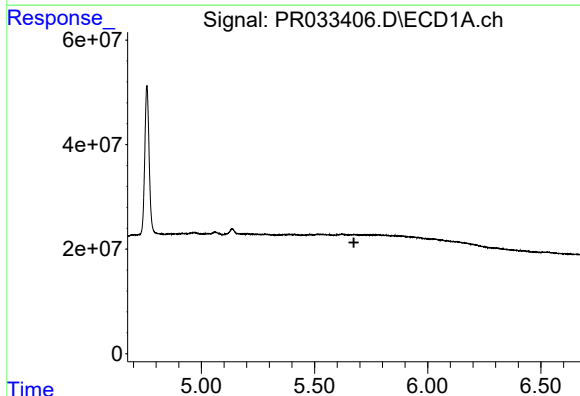
R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 22826637
Conc: 68.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



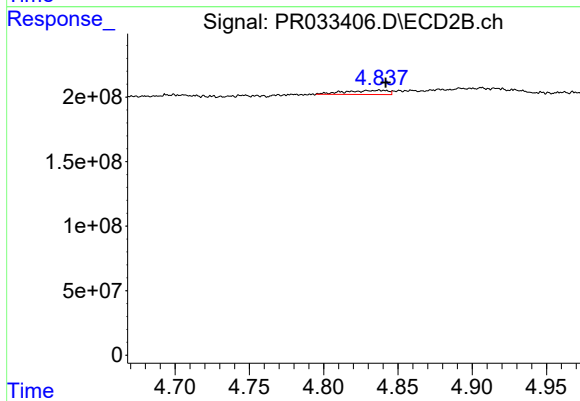
#11 AR-1232-1

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 96178690
Conc: 83.98 ng/ml



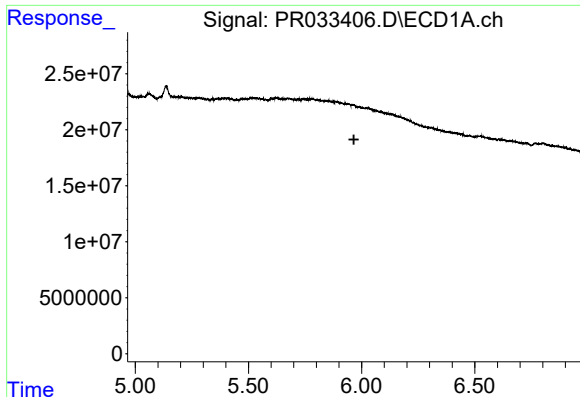
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.674 min
Response: 0
Conc: N.D.



#12 AR-1232-2

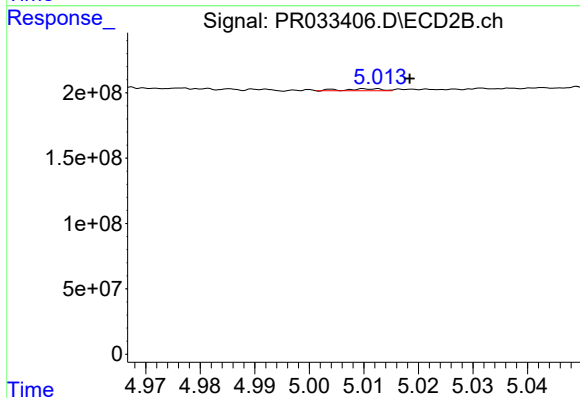
R.T.: 4.838 min
Delta R.T.: -0.004 min
Response: 64478980
Conc: 52.58 ng/ml



#13 AR-1232-3

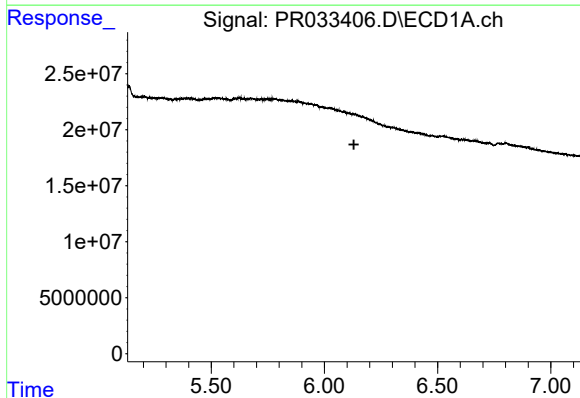
R.T.: 0.000 min
Exp R.T. : 5.966 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



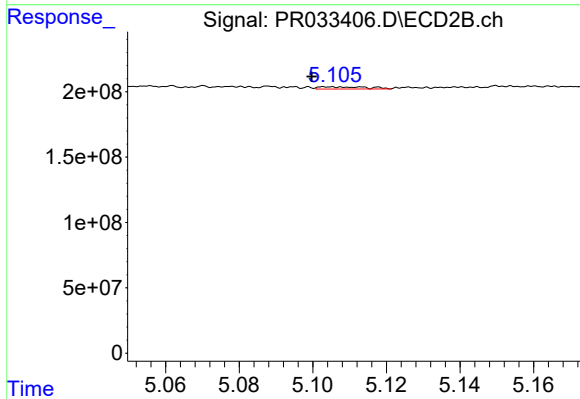
#13 AR-1232-3

R.T.: 5.011 min
Delta R.T.: -0.007 min
Response: 7019423
Conc: 11.67 ng/ml



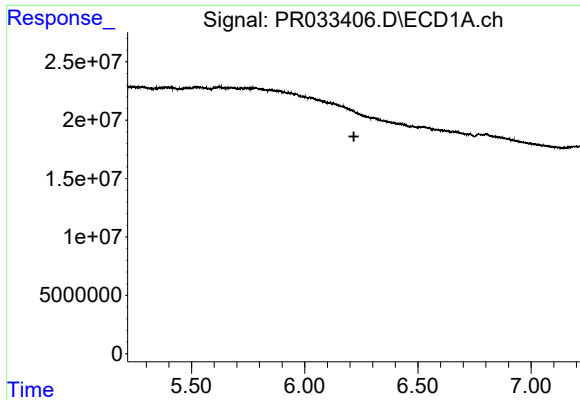
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.130 min
Response: 0
Conc: N.D.



#14 AR-1232-4

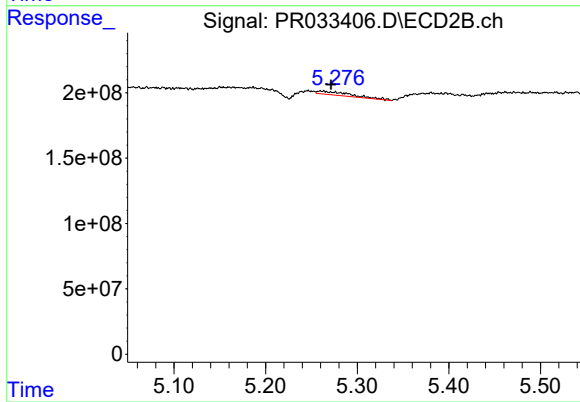
R.T.: 5.104 min
Delta R.T.: 0.005 min
Response: 14775592
Conc: 27.88 ng/ml



#15 AR-1232-5

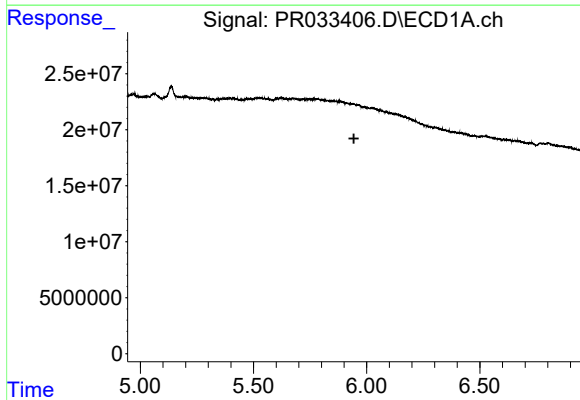
R.T.: 0.000 min
Exp R.T. : 6.217 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



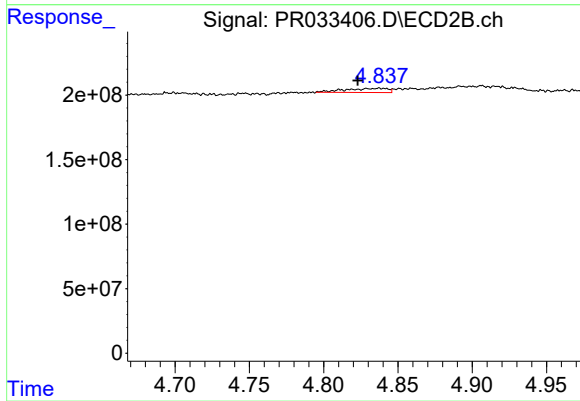
#15 AR-1232-5

R.T.: 5.260 min
Delta R.T.: -0.012 min
Response: 65630964
Conc: 111.57 ng/ml



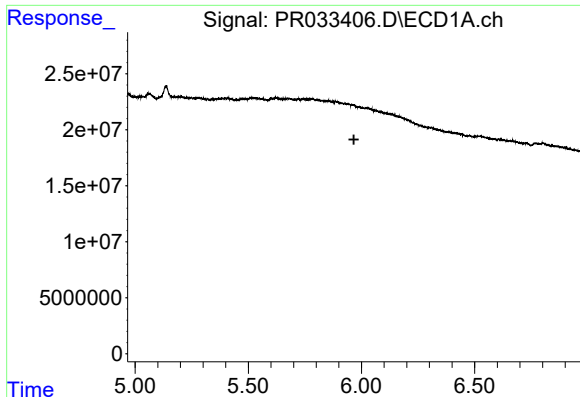
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.944 min
Response: 0
Conc: N.D.



#16 AR-1242-1

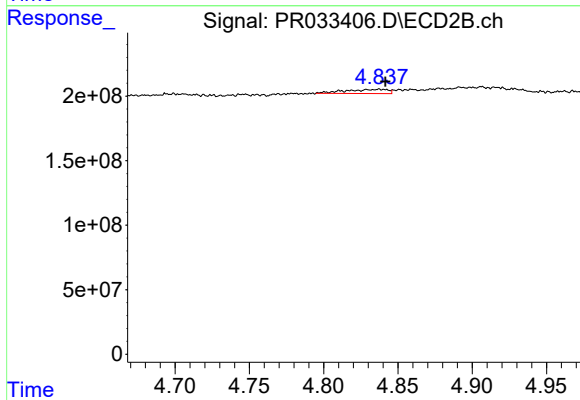
R.T.: 4.838 min
Delta R.T.: 0.015 min
Response: 64478980
Conc: 34.94 ng/ml



#17 AR-1242-2

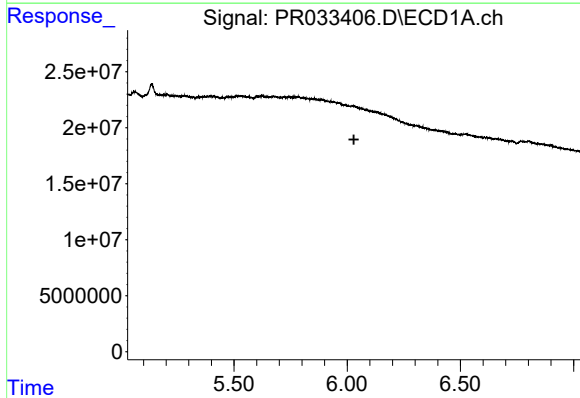
R.T.: 0.000 min
Exp R.T. : 5.966 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



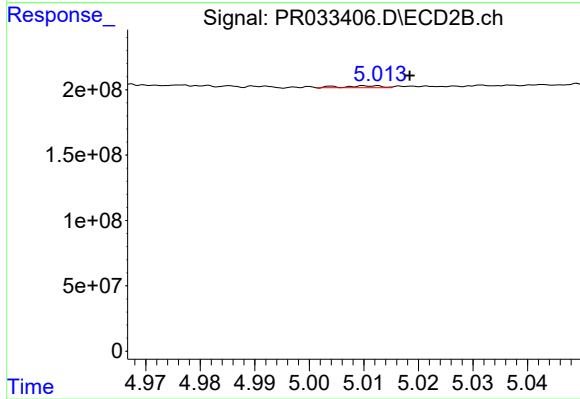
#17 AR-1242-2

R.T.: 4.838 min
Delta R.T.: -0.004 min
Response: 64478980
Conc: 23.62 ng/ml



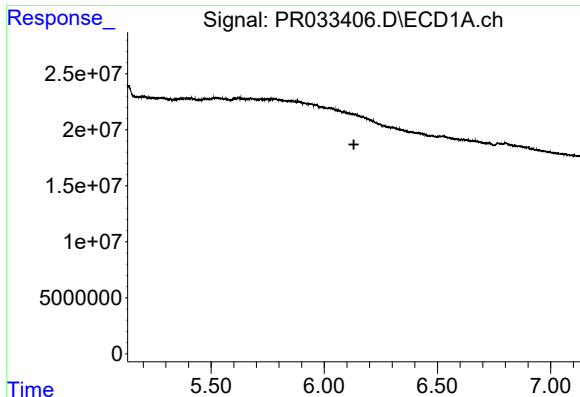
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.030 min
Response: 0
Conc: N.D.



#18 AR-1242-3

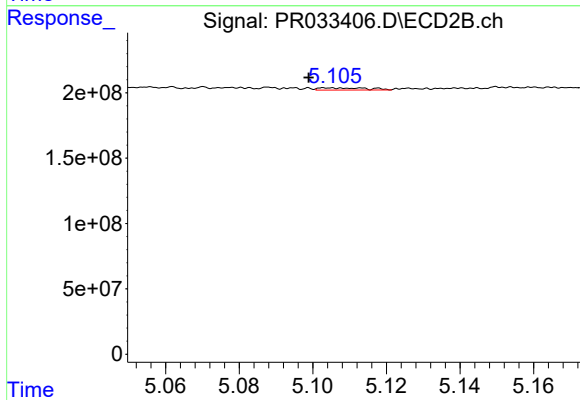
R.T.: 5.011 min
Delta R.T.: -0.007 min
Response: 7019423
Conc: 5.08 ng/ml



#19 AR-1242-4

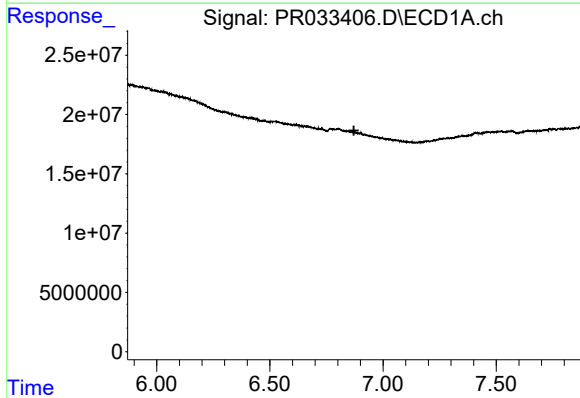
R.T.: 0.000 min
Exp R.T. : 6.131 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



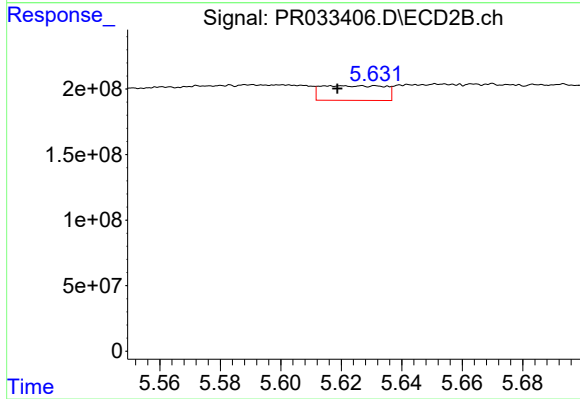
#19 AR-1242-4

R.T.: 5.104 min
Delta R.T.: 0.005 min
Response: 14775592
Conc: 11.29 ng/ml



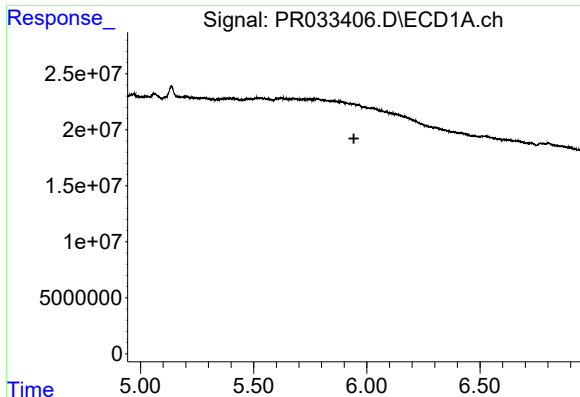
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.871 min
Response: 0
Conc: N.D.



#20 AR-1242-5

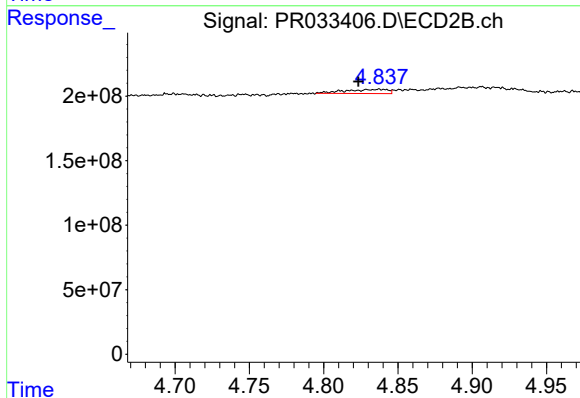
R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 163293899
Conc: 98.62 ng/ml



#21 AR-1248-1

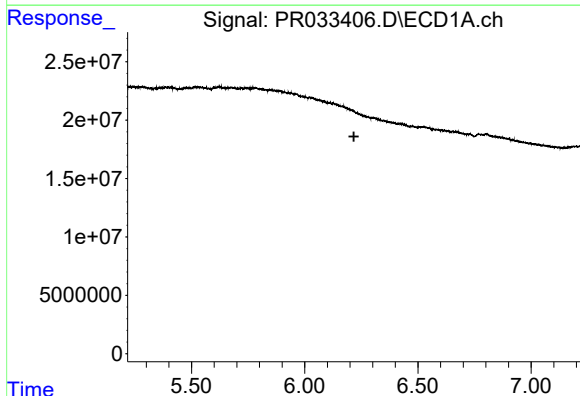
R.T.: 0.000 min
Exp R.T. : 5.943 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



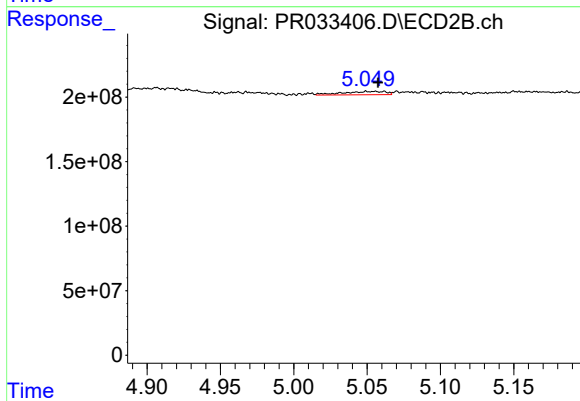
#21 AR-1248-1

R.T.: 4.838 min
Delta R.T.: 0.014 min
Response: 64478980
Conc: 49.32 ng/ml



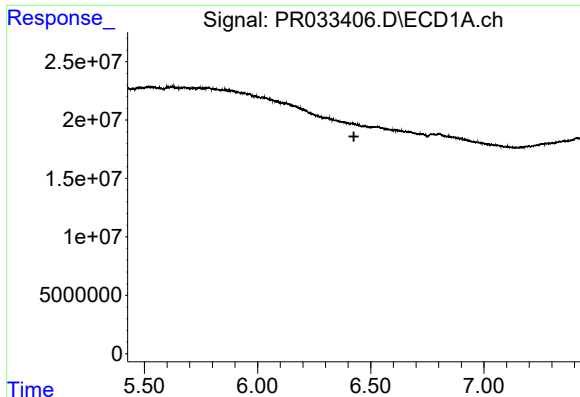
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.217 min
Response: 0
Conc: N.D.



#22 AR-1248-2

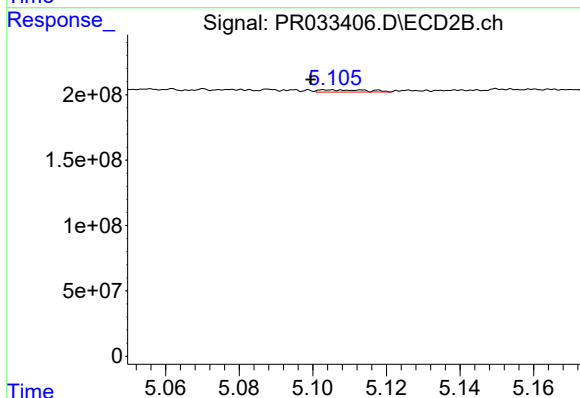
R.T.: 5.061 min
Delta R.T.: 0.004 min
Response: 52751045
Conc: 31.55 ng/ml



#23 AR-1248-3

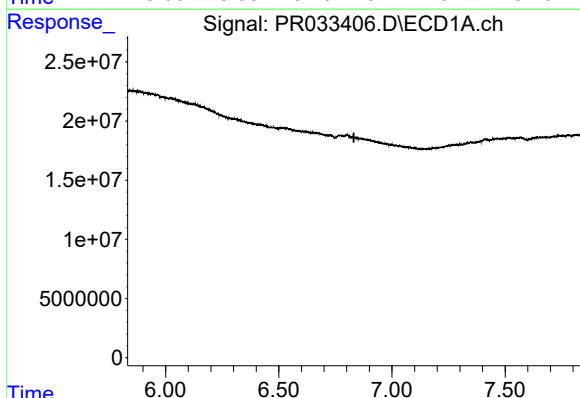
R.T.: 0.000 min
Exp R.T. : 6.425 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



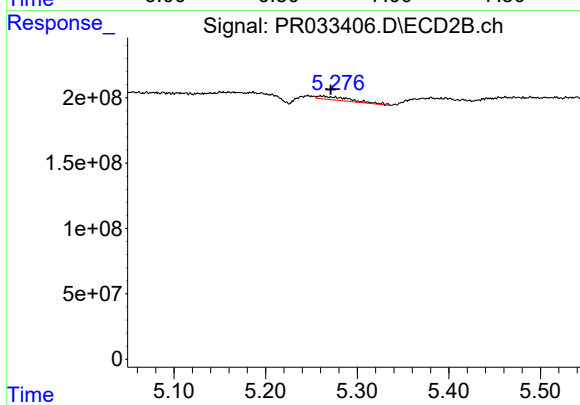
#23 AR-1248-3

R.T.: 5.104 min
Delta R.T.: 0.005 min
Response: 14775592
Conc: 8.70 ng/ml



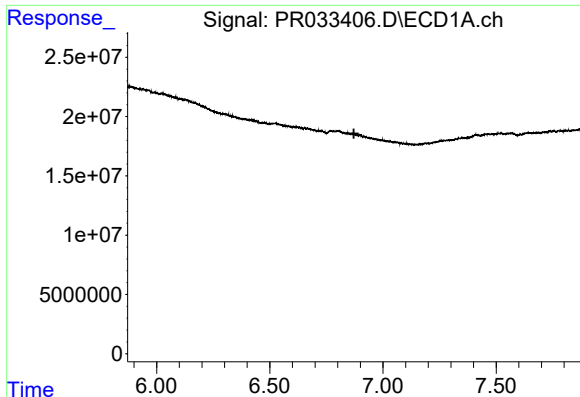
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.832 min
Response: 0
Conc: N.D.



#24 AR-1248-4

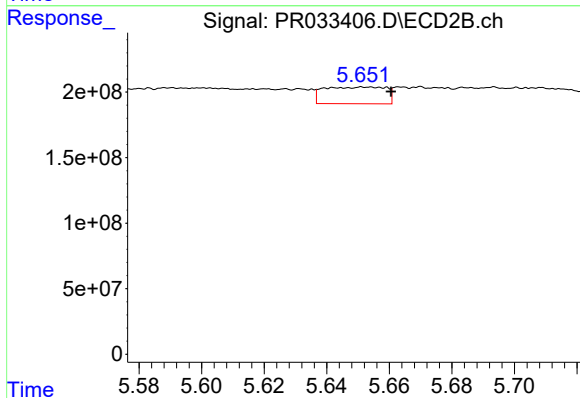
R.T.: 5.260 min
Delta R.T.: -0.011 min
Response: 65630964
Conc: 31.48 ng/ml



#25 AR-1248-5

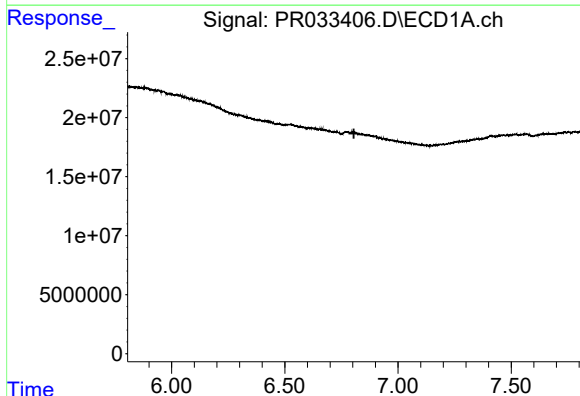
R.T.: 0.000 min
Exp R.T.: 6.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



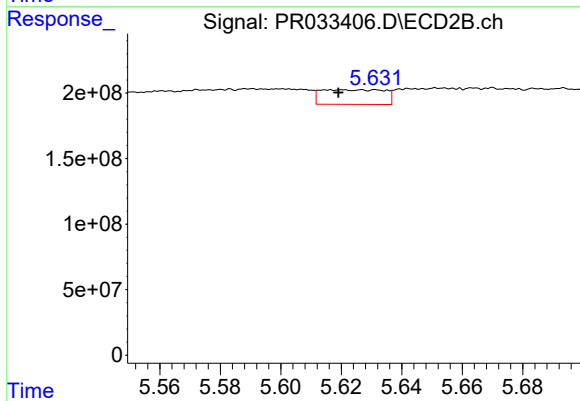
#25 AR-1248-5

R.T.: 5.652 min
Delta R.T.: -0.008 min
Response: 176753677
Conc: 86.15 ng/ml



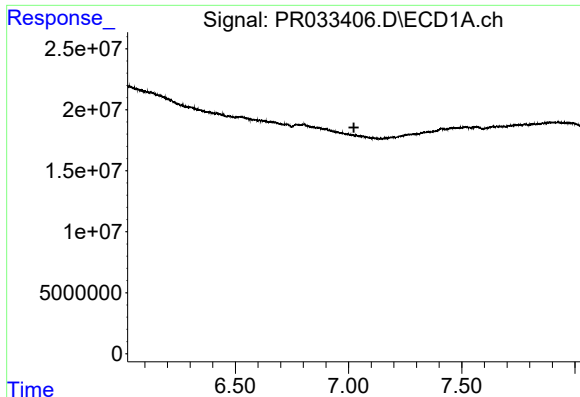
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.805 min
Response: 0
Conc: N.D.



#26 AR-1254-1

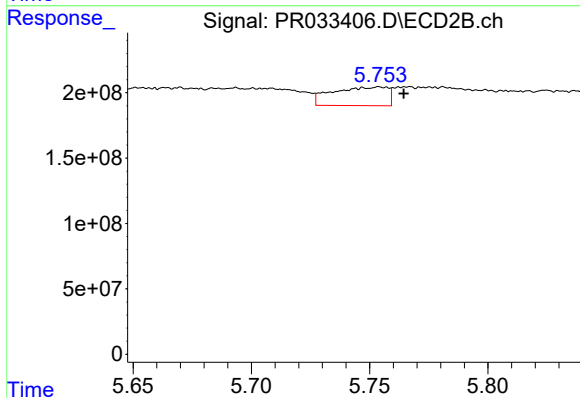
R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 163293899
Conc: 42.41 ng/ml



#27 AR-1254-2

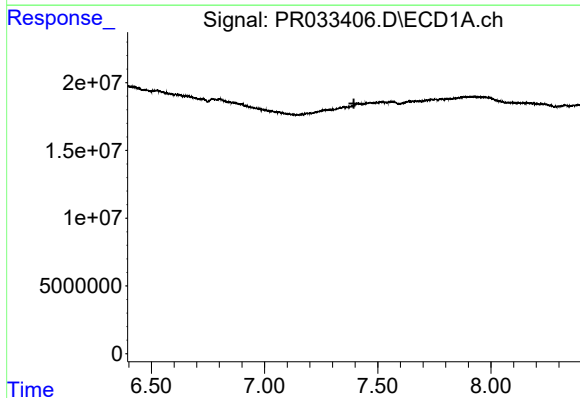
R.T.: 0.000 min
Exp R.T.: 7.023 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



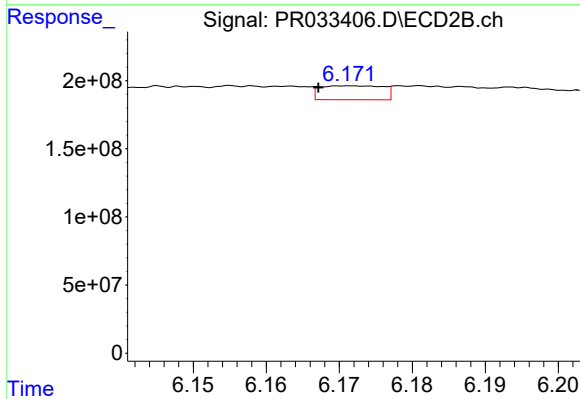
#27 AR-1254-2

R.T.: 5.754 min
Delta R.T.: -0.010 min
Response: 232169480
Conc: 71.20 ng/ml



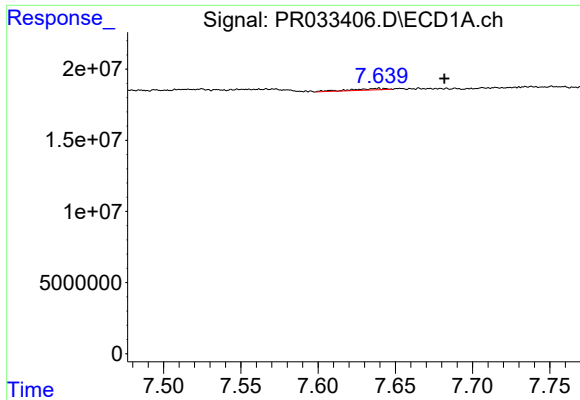
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 7.395 min
Response: 0
Conc: N.D.



#28 AR-1254-3

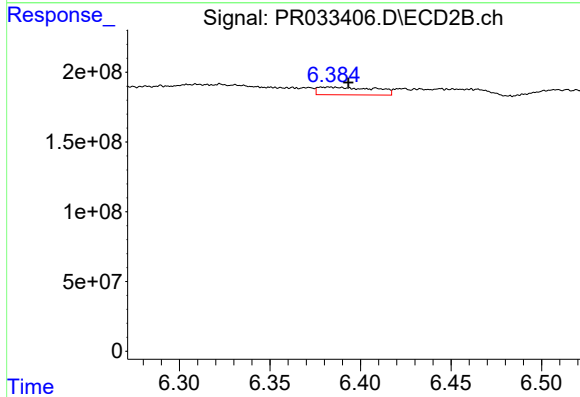
R.T.: 6.172 min
Delta R.T.: 0.005 min
Response: 61774951
Conc: 11.95 ng/ml



#29 AR-1254-4

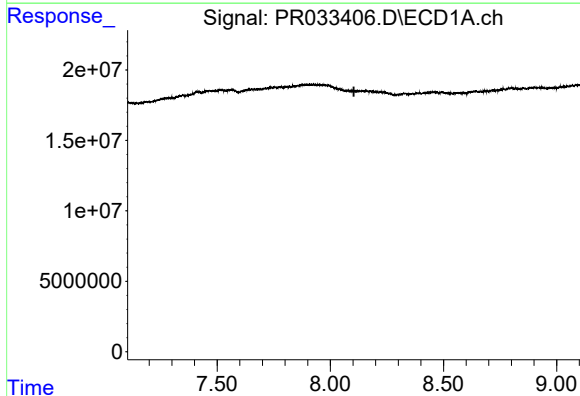
R.T.: 7.643 min
Delta R.T.: -0.038 min
Response: 1539919
Conc: 1.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



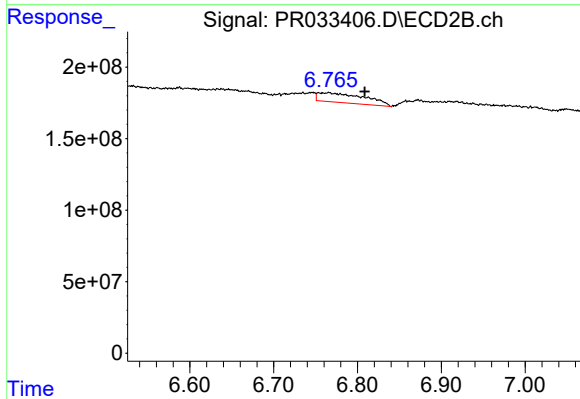
#29 AR-1254-4

R.T.: 6.382 min
Delta R.T.: -0.011 min
Response: 118927020
Conc: 38.19 ng/ml



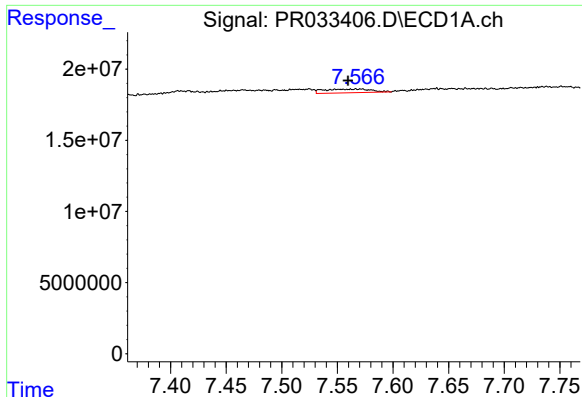
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.104 min
Response: 0
Conc: N.D.



#30 AR-1254-5

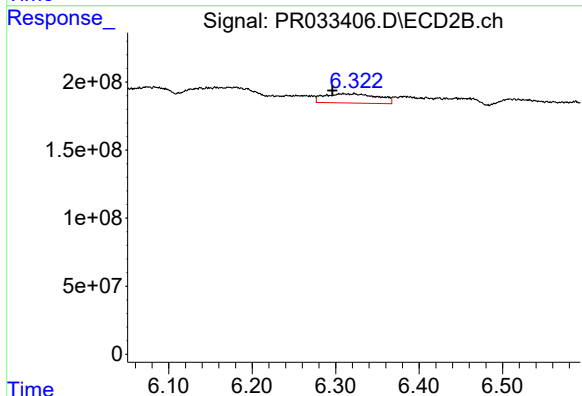
R.T.: 6.766 min
Delta R.T.: -0.043 min
Response: 260878383
Conc: 67.90 ng/ml



#31 AR-1260-1

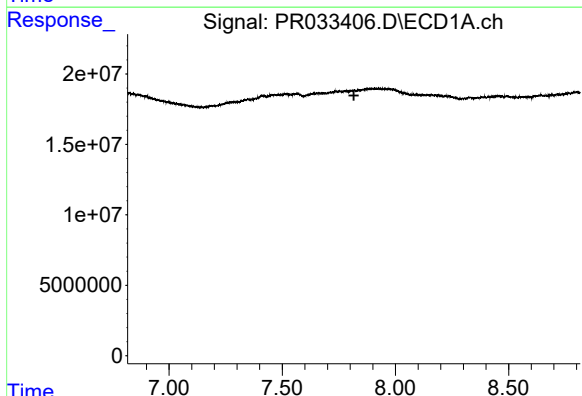
R.T.: 7.567 min
Delta R.T.: 0.008 min
Response: 7756980
Conc: 8.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



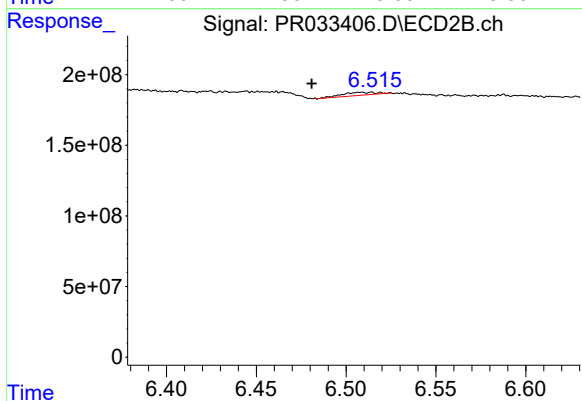
#31 AR-1260-1

R.T.: 6.309 min
Delta R.T.: 0.013 min
Response: 302523850
Conc: 99.46 ng/ml



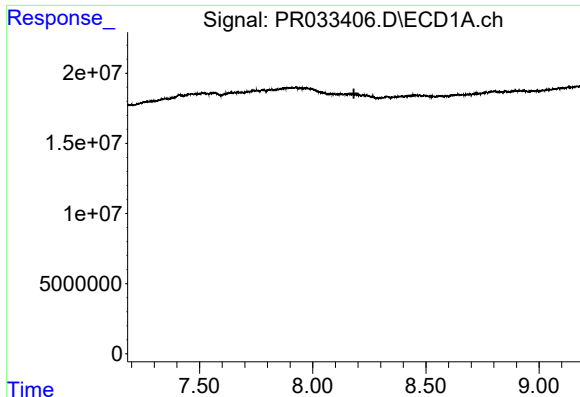
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.816 min
Response: 0
Conc: N.D.



#32 AR-1260-2

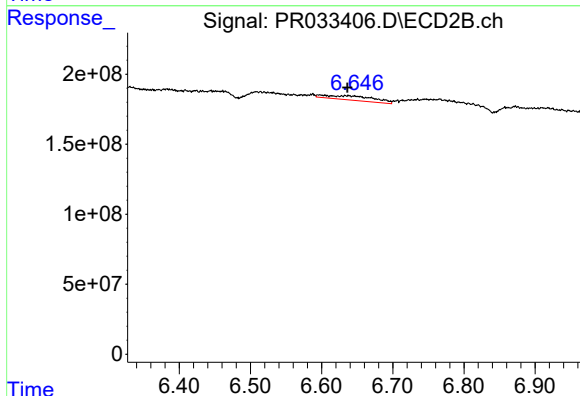
R.T.: 6.514 min
Delta R.T.: 0.033 min
Response: 20489942
Conc: 5.72 ng/ml



#33 AR-1260-3

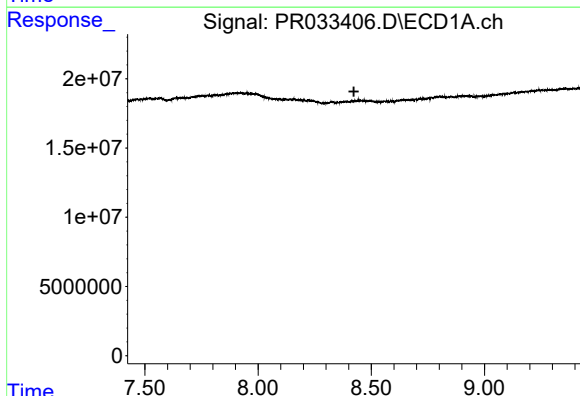
R.T.: 0.000 min
Exp R.T.: 8.182 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



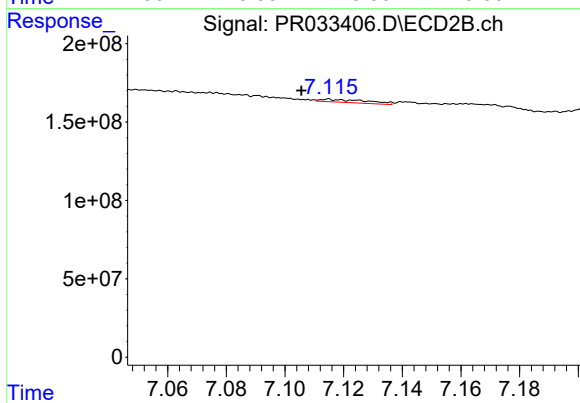
#33 AR-1260-3

R.T.: 6.597 min
Delta R.T.: -0.039 min
Response: 144044569
Conc: 42.86 ng/ml



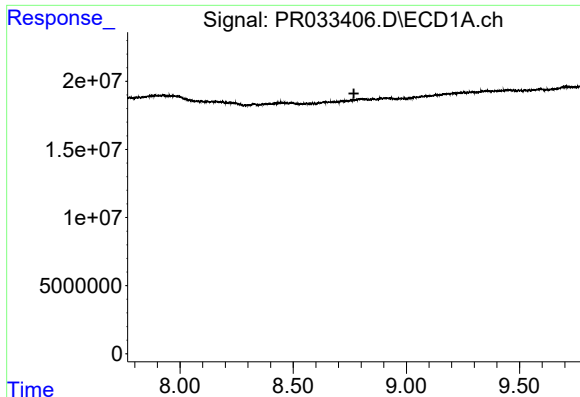
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.423 min
Response: 0
Conc: N.D.



#34 AR-1260-4

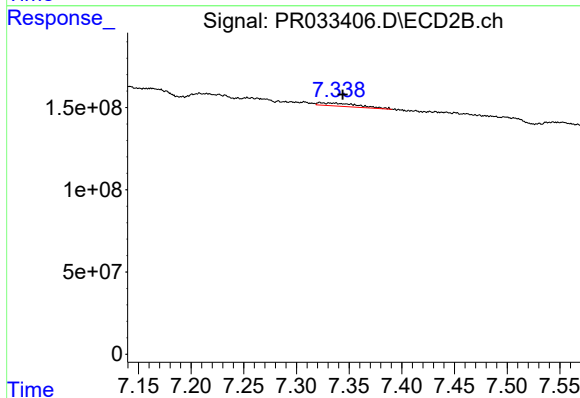
R.T.: 7.115 min
Delta R.T.: 0.009 min
Response: 21724254
Conc: 8.36 ng/ml



#35 AR-1260-5

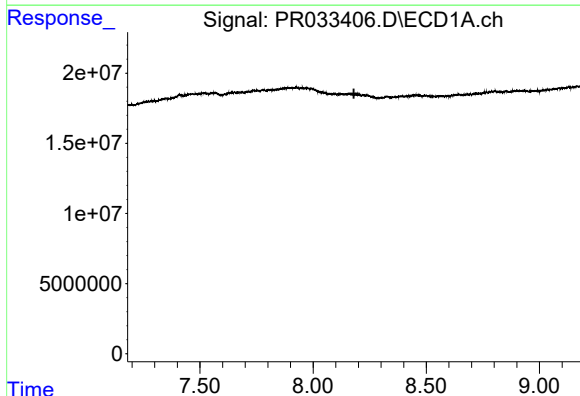
R.T.: 0.000 min
Exp R.T.: 8.768 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



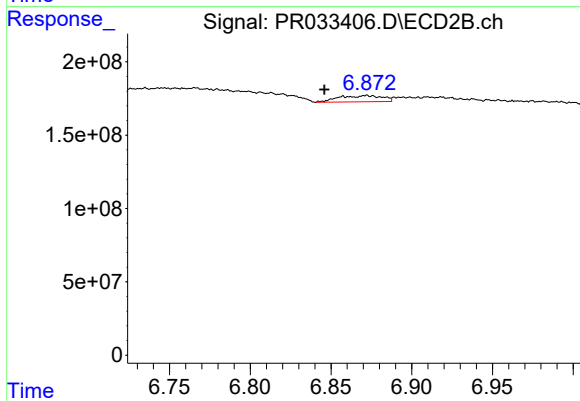
#35 AR-1260-5

R.T.: 7.322 min
Delta R.T.: -0.022 min
Response: 38042203
Conc: 5.81 ng/ml



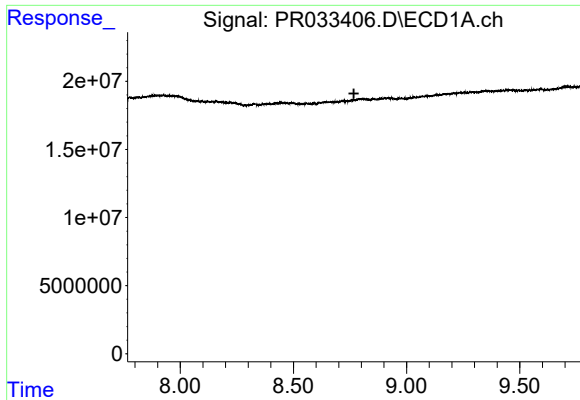
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.180 min
Response: 0
Conc: N.D.



#36 AR-1262-1

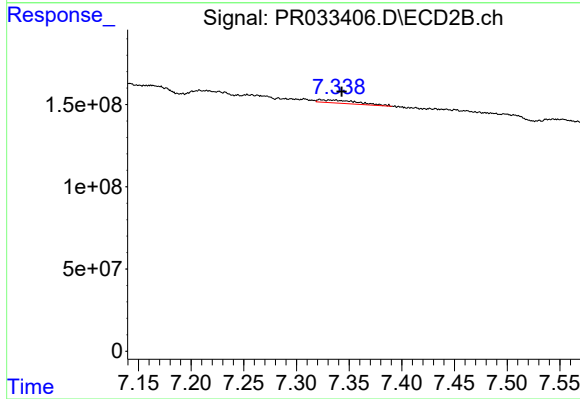
R.T.: 6.872 min
Delta R.T.: 0.026 min
Response: 79189446
Conc: 22.61 ng/ml



#37 AR-1262-2

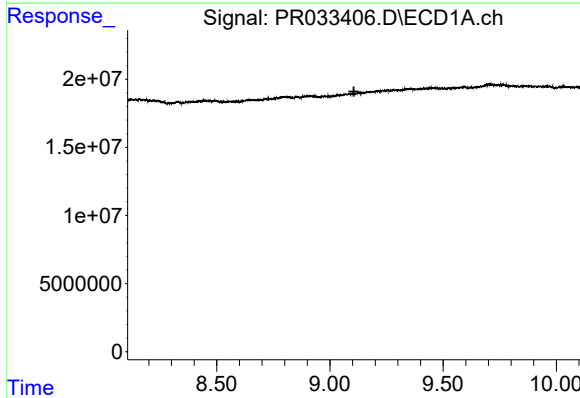
R.T.: 0.000 min
Exp R.T.: 8.767 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



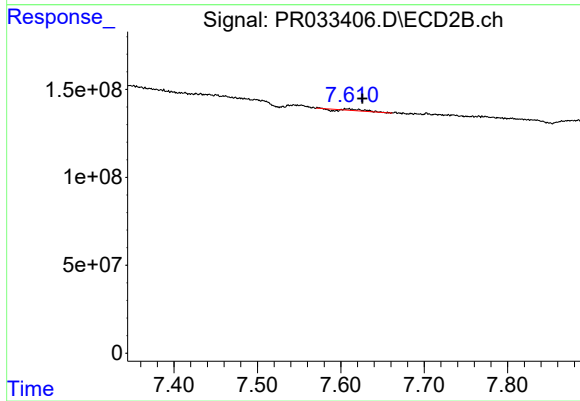
#37 AR-1262-2

R.T.: 7.322 min
Delta R.T.: -0.021 min
Response: 38042203
Conc: 5.96 ng/ml



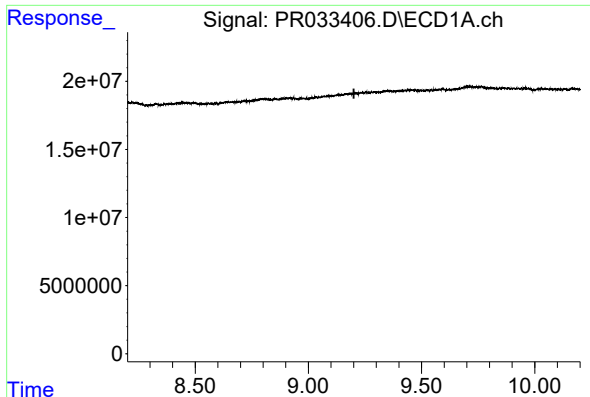
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.106 min
Response: 0
Conc: N.D.



#38 AR-1262-3

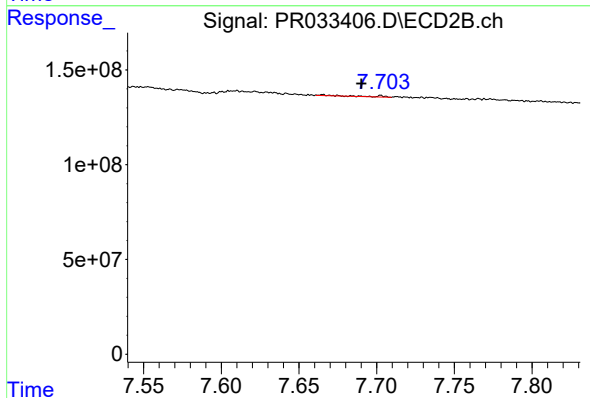
R.T.: 7.609 min
Delta R.T.: -0.017 min
Response: 7869288
Conc: 3.13 ng/ml



#39 AR-1262-4

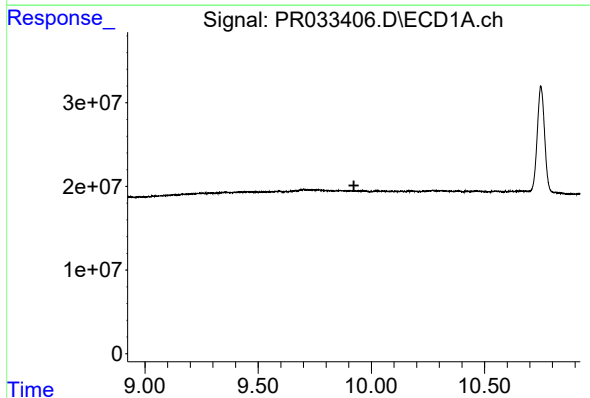
R.T.: 0.000 min
Exp R.T.: 9.201 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



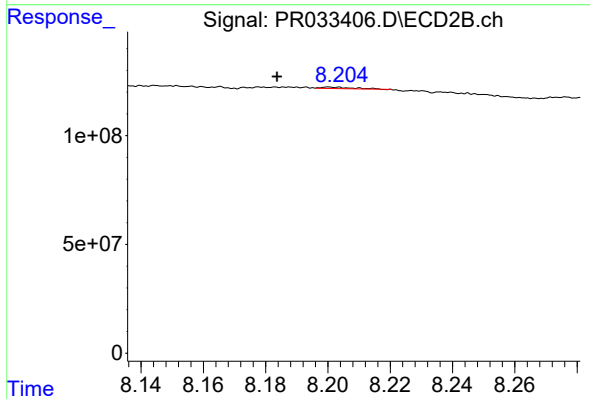
#39 AR-1262-4

R.T.: 7.665 min
Delta R.T.: -0.025 min
Response: 5026930
Conc: 1.12 ng/ml



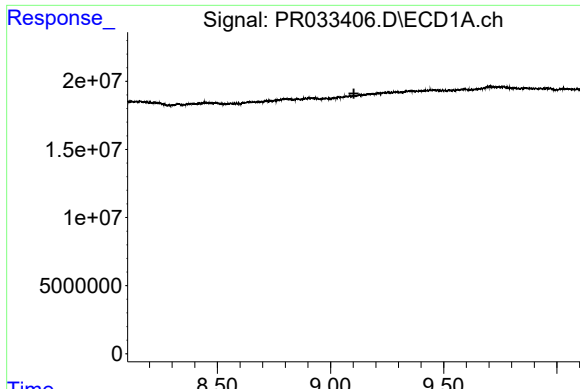
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.923 min
Response: 0
Conc: N.D.



#40 AR-1262-5

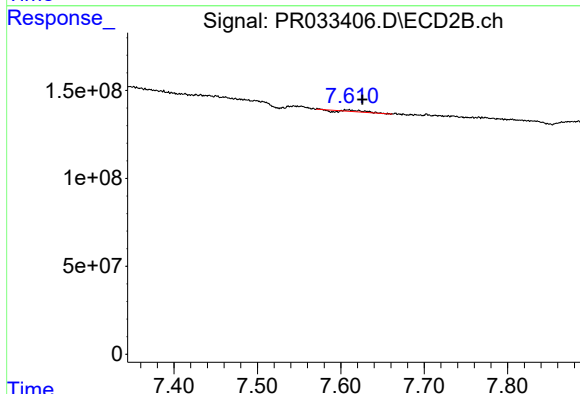
R.T.: 8.201 min
Delta R.T.: 0.017 min
Response: 4140096
Conc: 2.27 ng/ml



#41 AR-1268-1

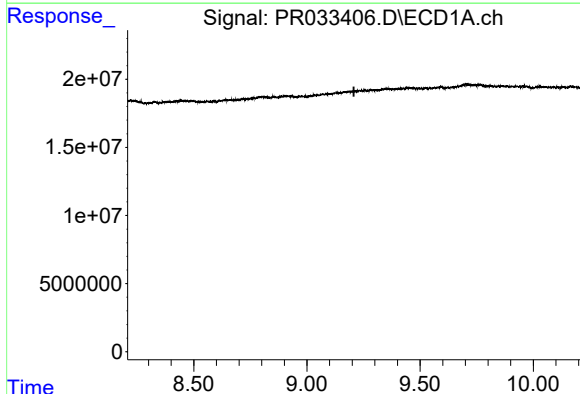
R.T.: 0.000 min
Exp R.T.: 9.103 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



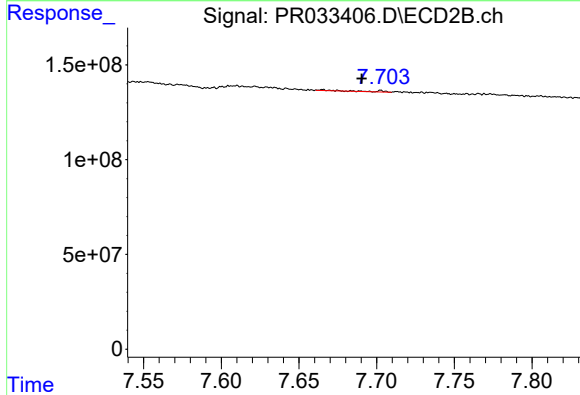
#41 AR-1268-1

R.T.: 7.609 min
Delta R.T.: -0.017 min
Response: 7869288
Conc: 1.00 ng/ml



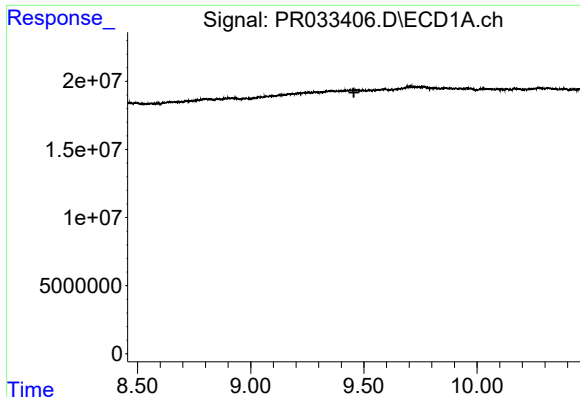
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.207 min
Response: 0
Conc: N.D.



#42 AR-1268-2

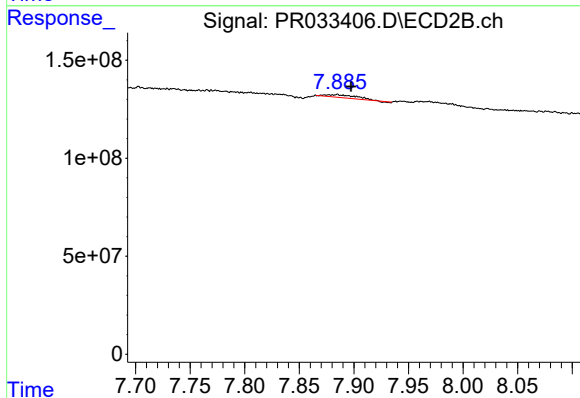
R.T.: 7.665 min
Delta R.T.: -0.025 min
Response: 5026930
Conc: 0.70 ng/ml



#43 AR-1268-3

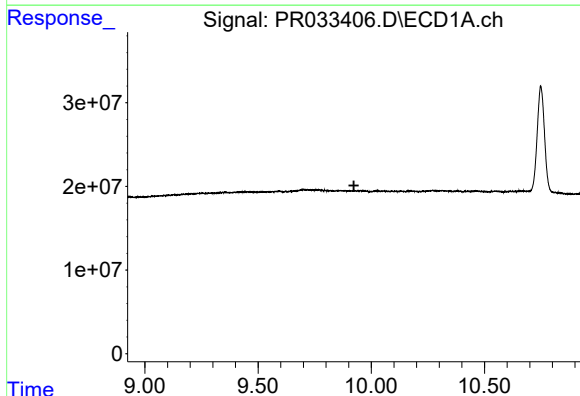
R.T.: 0.000 min
Exp R.T.: 9.456 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



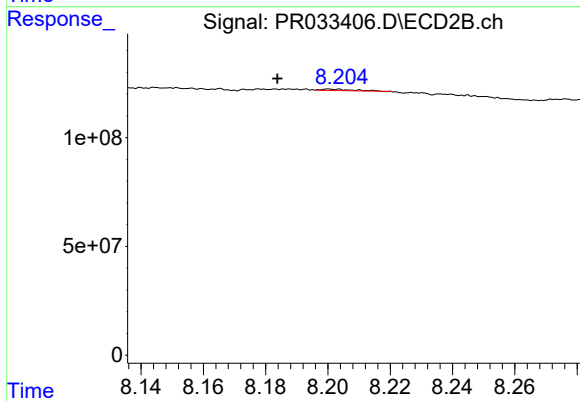
#43 AR-1268-3

R.T.: 7.885 min
Delta R.T.: -0.012 min
Response: 22402993
Conc: 3.68 ng/ml



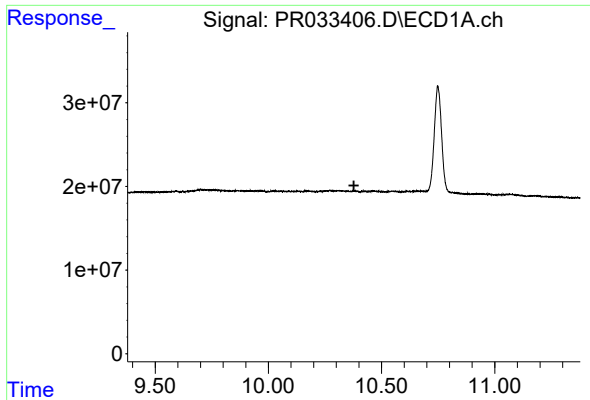
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.923 min
Response: 0
Conc: N.D.



#44 AR-1268-4

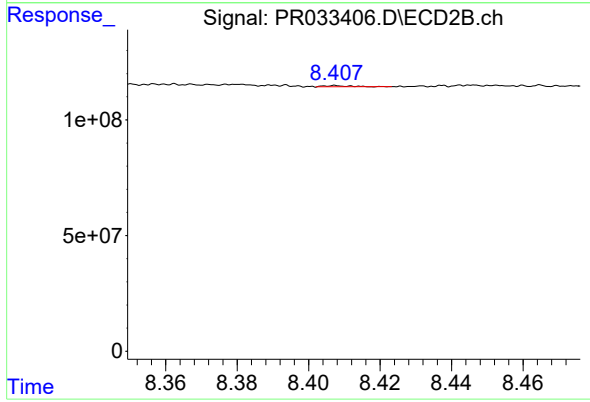
R.T.: 8.201 min
Delta R.T.: 0.017 min
Response: 4140096
Conc: 1.91 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.378 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.407 min
Delta R.T.: -0.070 min
Response: 2177326
Conc: 0.13 ng/ml