

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071618\
 Data File : PR030324.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2018 18:56
 Operator : MA/SM
 Sample : AR1221 MDL
 Misc : 25PPB MDL ECD_R SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 04:45:48 2018
 Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 17 04:28:56 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...	4.558	3.699	562.4E6	711.0E6	16.275	14.696
2)	SA Decachlor...	10.332	8.617	504.8E6	333.2E6	16.671	16.573
Target Compounds							
3)	L1 AR-1016-1	0.000	4.570	0	2054017	N.D.	1.686 #
4)	L1 AR-1016-2	0.000	4.958	0	2856099	N.D.	2.262 #
5)	L1 AR-1016-3	0.000	5.037	0	2062578	N.D.	1.692 #
6)	L1 AR-1016-4	0.000	5.217	0	8004749	N.D.	5.938 #
7)	L1 AR-1016-5	0.000	5.548	0	2790952	N.D.	2.025 #
8)	L2 AR-1221-1	4.764	3.908	15357598	17248474	38.617	29.804
9)	L2 AR-1221-2	4.853	3.994	18052887	21835332	61.381	51.167
10)	L2 AR-1221-3	4.924	4.067	27139242	40507121	28.798	28.774
11)	L3 AR-1232-1	4.924	4.067	27139242	40507121	47.229	45.537
12)	L3 AR-1232-2	0.000	4.958	0	2856099	N.D.	5.689 #
13)	L3 AR-1232-3	0.000	4.996	0	1131779	N.D.	3.204 #
14)	L3 AR-1232-4	0.000	5.548	0	2790952	N.D.	4.607 #
15)	L3 AR-1232-5	0.000	5.596	0	7684980	N.D.	12.653 #
16)	L4 AR-1242-1	0.000	4.570	0	2054017	N.D.	2.043 #
17)	L4 AR-1242-2	0.000	4.780	0	15381556	N.D.	7.004 #
18)	L4 AR-1242-3	0.000	4.839	0	5218676	N.D.	3.948 #
19)	L4 AR-1242-4	0.000	5.037	0	2062578	N.D.	2.055 #
20)	L4 AR-1242-5	0.000	5.217	0	8004749	N.D.	7.162 #
21)	L5 AR-1248-1	0.000	4.996	0	1131779	N.D.	0.849 #
22)	L5 AR-1248-2	0.000	5.037	0	2062578	N.D.	1.508 #
23)	L5 AR-1248-3	6.569	5.217	30056524	8004749	37.197	4.725 #
24)	L5 AR-1248-4	6.569	5.548	30056524	2790952	29.787	1.134 #
25)	L5 AR-1248-5	0.000	5.596	0	7684980	N.D.	4.425 #
26)	L6 AR-1254-1	0.000	4.996	0	1131779	N.D.	1.096 #
27)	L6 AR-1254-2	0.000	5.668	0	3872018	N.D.	1.712 #
28)	L6 AR-1254-3	7.156	6.103	9900011	21965433	5.607	6.037
29)	L6 AR-1254-4	7.401	6.308	-6205736	15052634	N.D.	5.491 #
30)	L6 AR-1254-5	0.000	6.728	0	6587805	N.D.	2.472 #
31)	L7 AR-1260-1	0.000	6.224	0	39326176	N.D.	15.767 #
36)	L8 AR-1262-1	0.000	6.224	0	39326176	N.D.	19.298 #
37)	L8 AR-1262-2	7.579	6.405	-6351887	27168590	N.D.	11.364 #
38)	L8 AR-1262-3	0.000	6.764	0	2676615	N.D.	0.906 #
39)	L8 AR-1262-4	0.000	7.018	0	3392502	N.D.	1.624 #
40)	L8 AR-1262-5	0.000	7.256	0	2742150	N.D.	0.692 #
41)	L9 AR-1268-1	0.000	7.508	0	979957	N.D.	0.281 #
42)	L9 AR-1268-2	0.000	7.576	0	3230743	N.D.	1.082 #
43)	L9 AR-1268-3	0.000	7.798	0	9255772	N.D.	4.048 #
44)	L9 AR-1268-4	0.000	8.152	0	1665773	N.D.	1.757 #
45)	L9 AR-1268-5	0.000	8.375	0	3958909	N.D.	0.757 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071618\
Data File : PR030324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2018 18:56
Operator : MA/SM
Sample : AR1221 MDL
Misc : 25PPB MDL ECD_R SOIL
ALS Vial : 19 Sample Multiplier: 1

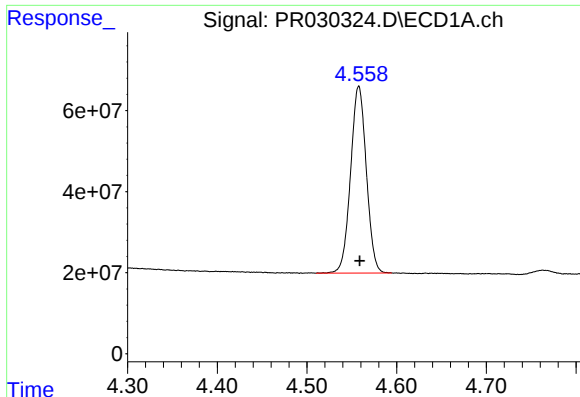
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 04:45:48 2018
Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071618.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 17 04:28:56 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

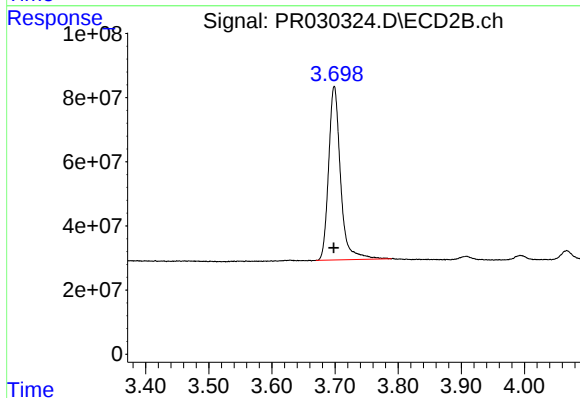
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

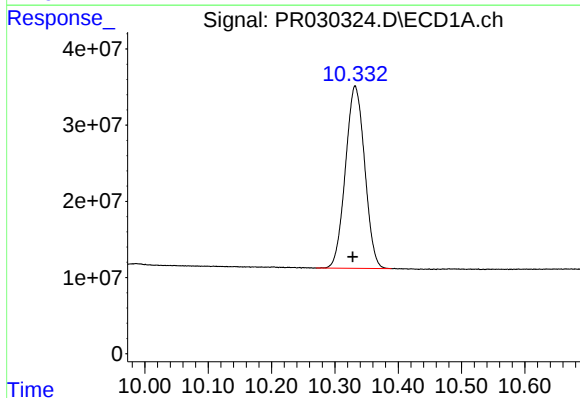
R.T.: 4.558 min
Delta R.T.: -0.001 min
Response: 562423248
Conc: 16.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



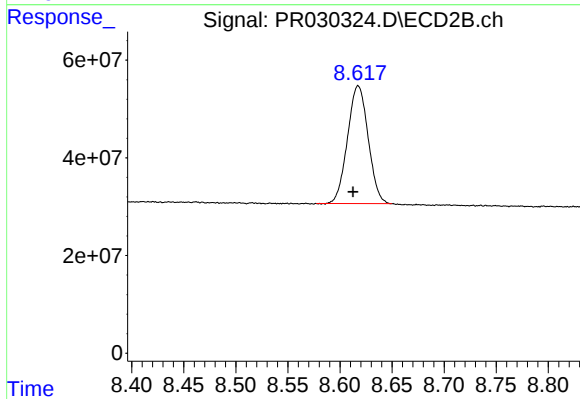
#1 Tetrachloro-m-xylene

R.T.: 3.699 min
Delta R.T.: 0.000 min
Response: 710968246
Conc: 14.70 ng/ml



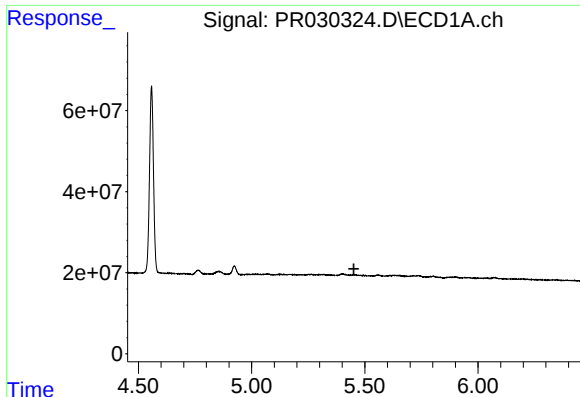
#2 Decachlorobiphenyl

R.T.: 10.332 min
Delta R.T.: 0.004 min
Response: 504799815
Conc: 16.67 ng/ml



#2 Decachlorobiphenyl

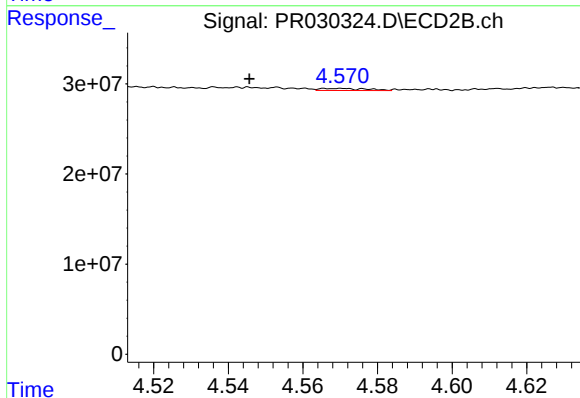
R.T.: 8.617 min
Delta R.T.: 0.005 min
Response: 333239660
Conc: 16.57 ng/ml



#3 AR-1016-1

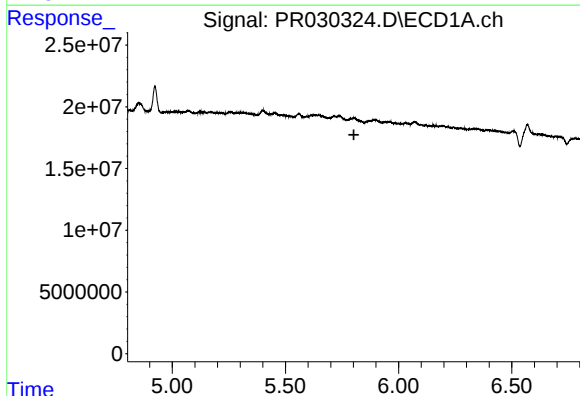
R.T.: 0.000 min
Exp R.T.: 5.452 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



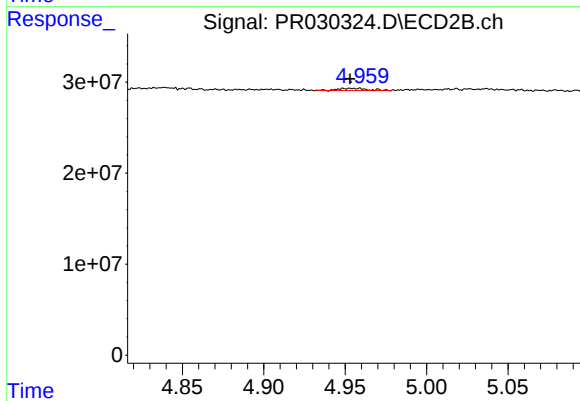
#3 AR-1016-1

R.T.: 4.570 min
Delta R.T.: 0.025 min
Response: 2054017
Conc: 1.69 ng/ml



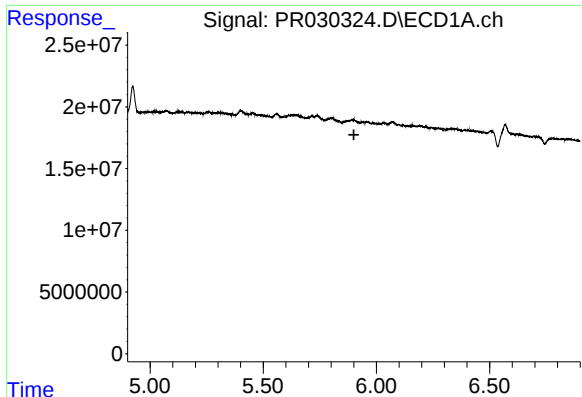
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.802 min
Response: 0
Conc: N.D.



#4 AR-1016-2

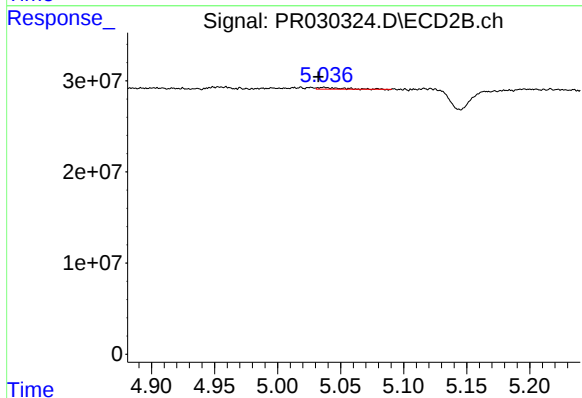
R.T.: 4.958 min
Delta R.T.: 0.005 min
Response: 2856099
Conc: 2.26 ng/ml



#5 AR-1016-3

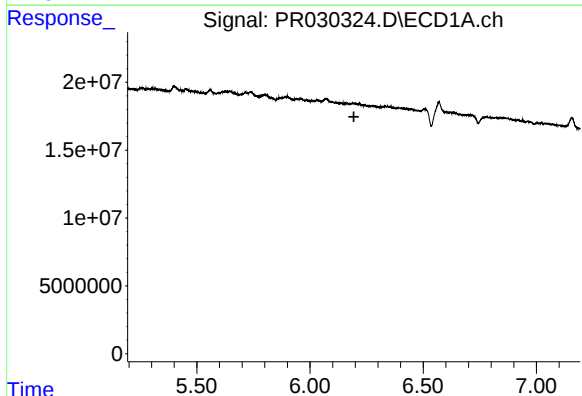
R.T.: 0.000 min
Exp R.T.: 5.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



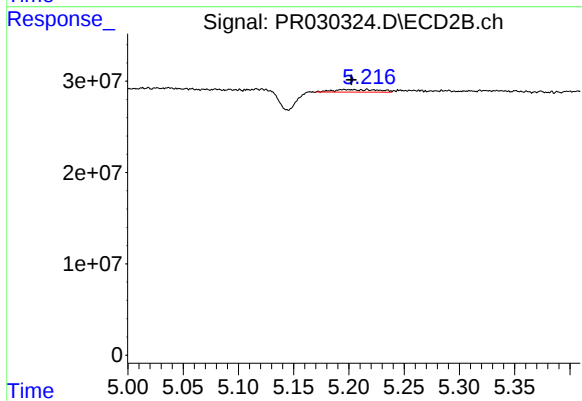
#5 AR-1016-3

R.T.: 5.037 min
Delta R.T.: 0.005 min
Response: 2062578
Conc: 1.69 ng/ml



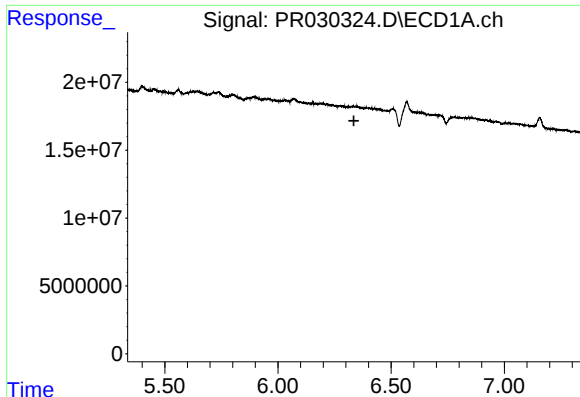
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.194 min
Response: 0
Conc: N.D.



#6 AR-1016-4

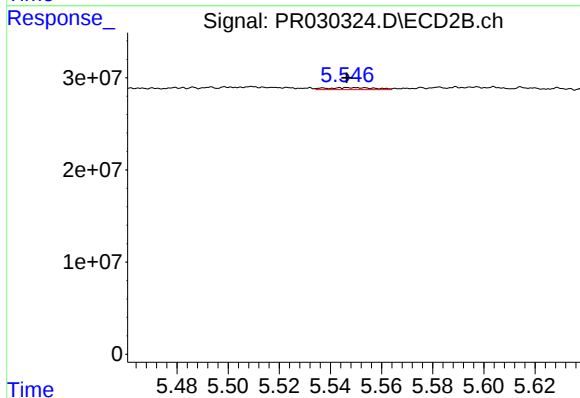
R.T.: 5.217 min
Delta R.T.: 0.014 min
Response: 8004749
Conc: 5.94 ng/ml



#7 AR-1016-5

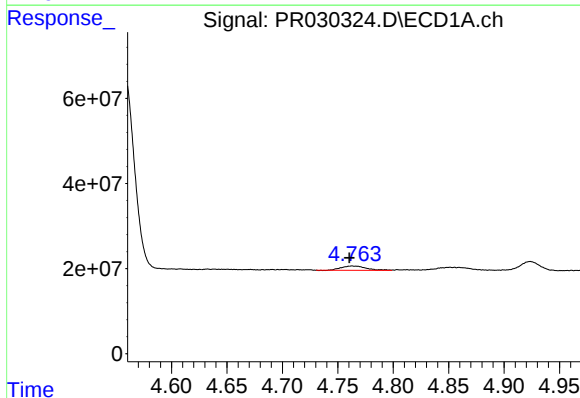
R.T.: 0.000 min
Exp R.T.: 6.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



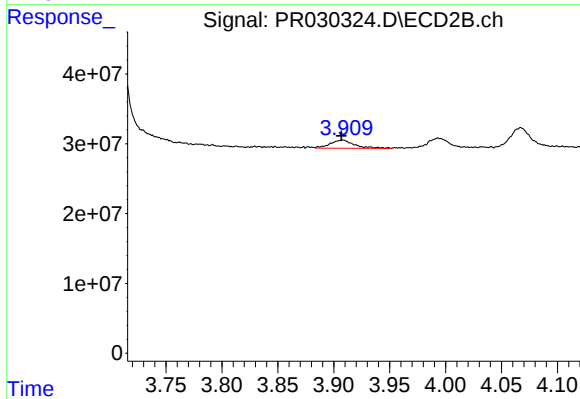
#7 AR-1016-5

R.T.: 5.548 min
Delta R.T.: 0.002 min
Response: 2790952
Conc: 2.02 ng/ml



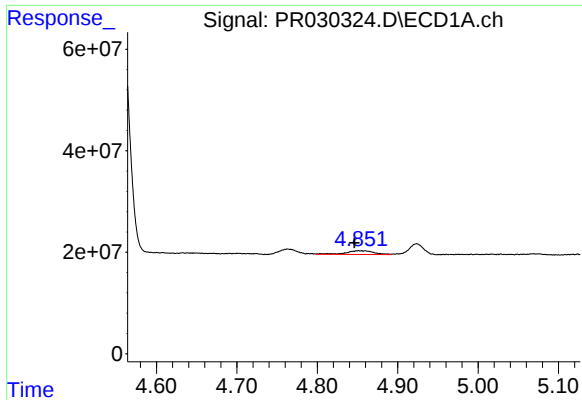
#8 AR-1221-1

R.T.: 4.764 min
Delta R.T.: 0.003 min
Response: 15357598
Conc: 38.62 ng/ml



#8 AR-1221-1

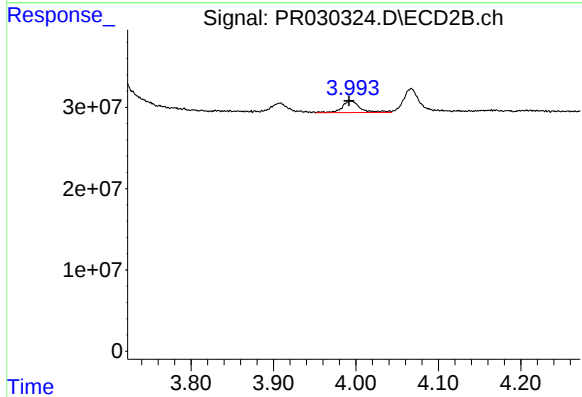
R.T.: 3.908 min
Delta R.T.: 0.001 min
Response: 17248474
Conc: 29.80 ng/ml



#9 AR-1221-2

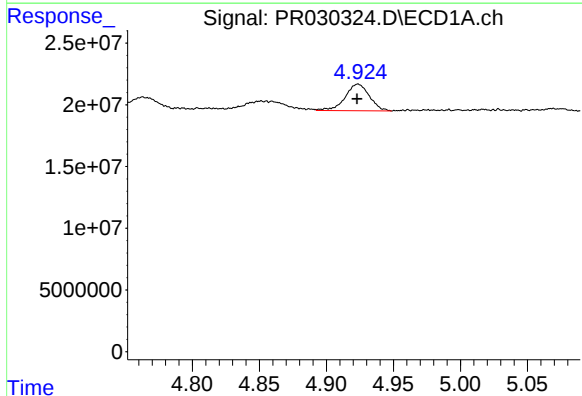
R.T.: 4.853 min
Delta R.T.: 0.006 min
Response: 18052887
Conc: 61.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



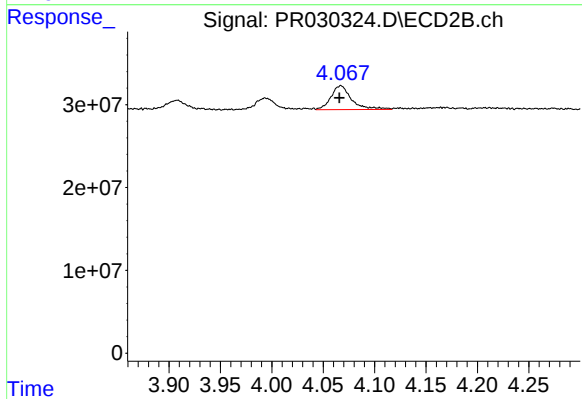
#9 AR-1221-2

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 21835332
Conc: 51.17 ng/ml



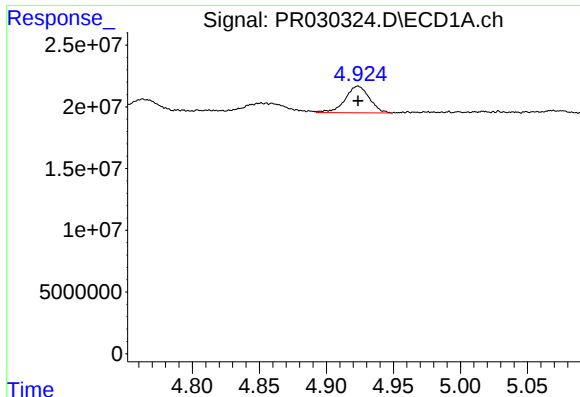
#10 AR-1221-3

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 27139242
Conc: 28.80 ng/ml



#10 AR-1221-3

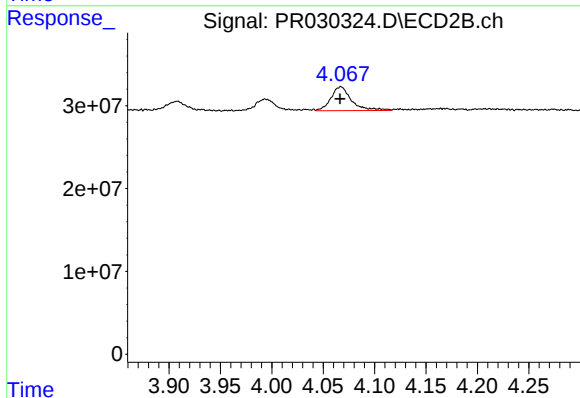
R.T.: 4.067 min
Delta R.T.: 0.002 min
Response: 40507121
Conc: 28.77 ng/ml



#11 AR-1232-1

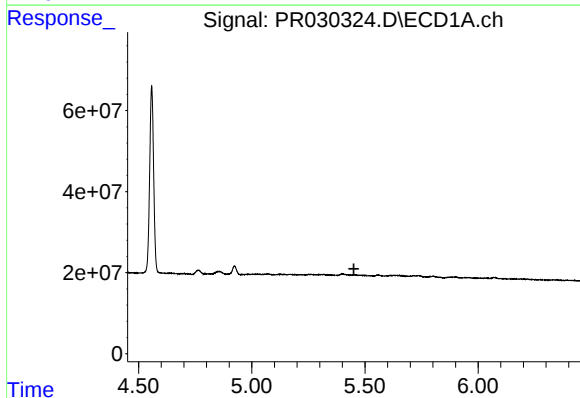
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 27139242
Conc: 47.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



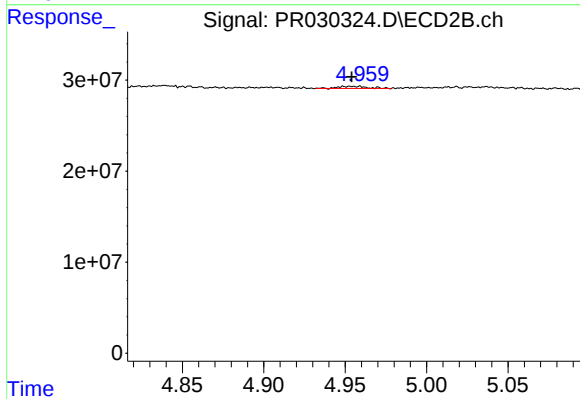
#11 AR-1232-1

R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 40507121
Conc: 45.54 ng/ml



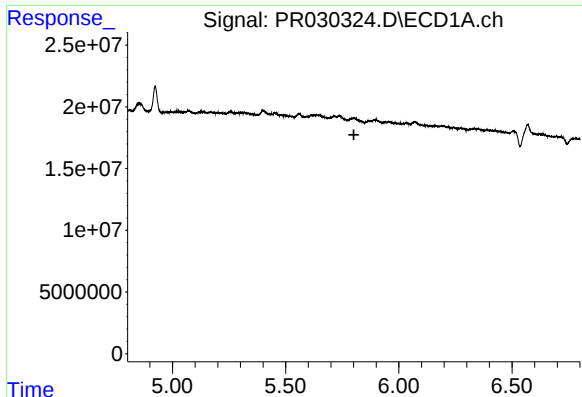
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.451 min
Response: 0
Conc: N.D.



#12 AR-1232-2

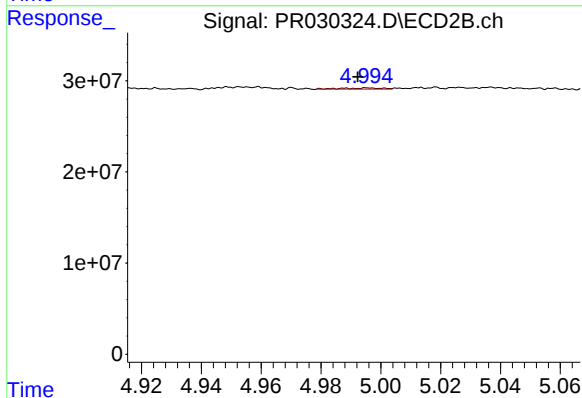
R.T.: 4.958 min
Delta R.T.: 0.004 min
Response: 2856099
Conc: 5.69 ng/ml



#13 AR-1232-3

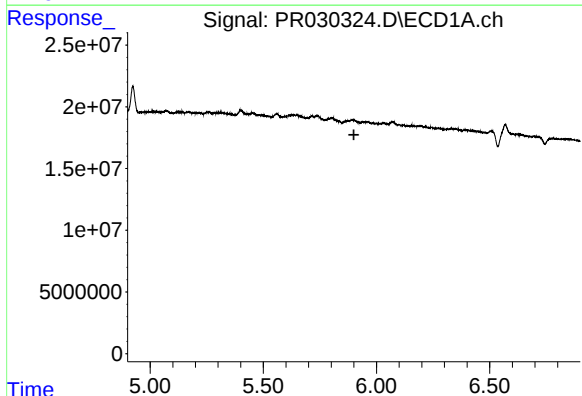
R.T.: 0.000 min
Exp R.T. : 5.802 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



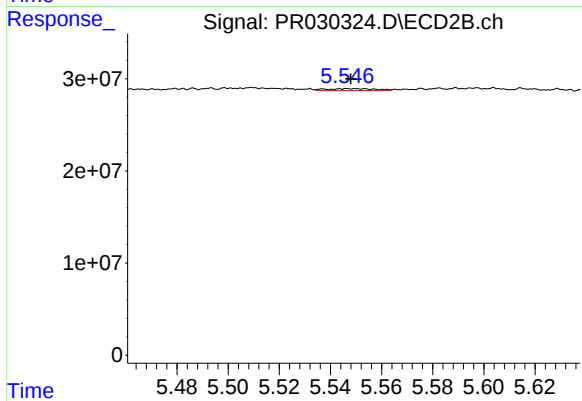
#13 AR-1232-3

R.T.: 4.996 min
Delta R.T.: 0.003 min
Response: 1131779
Conc: 3.20 ng/ml



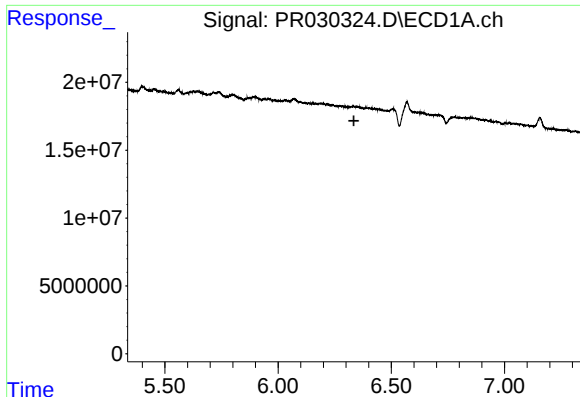
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.900 min
Response: 0
Conc: N.D.



#14 AR-1232-4

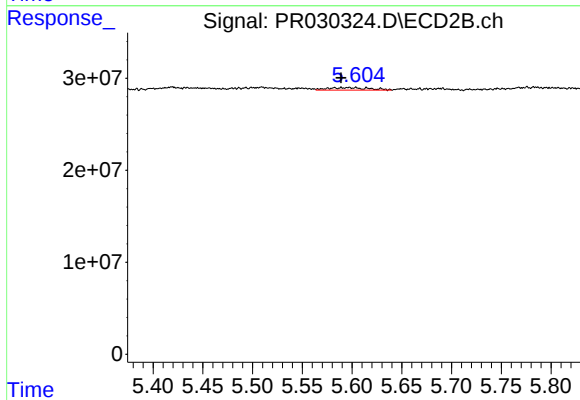
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 2790952
Conc: 4.61 ng/ml



#15 AR-1232-5

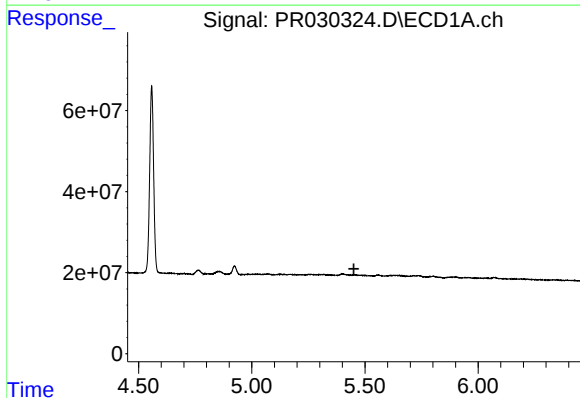
R.T.: 0.000 min
Exp R.T.: 6.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



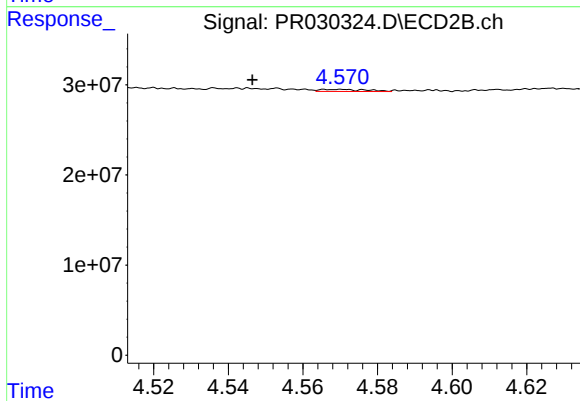
#15 AR-1232-5

R.T.: 5.596 min
Delta R.T.: 0.007 min
Response: 7684980
Conc: 12.65 ng/ml



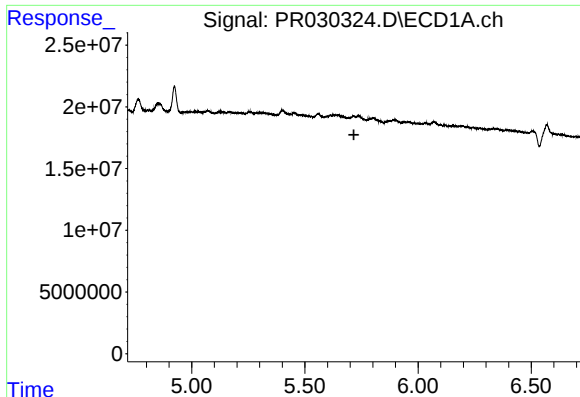
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.451 min
Response: 0
Conc: N.D.



#16 AR-1242-1

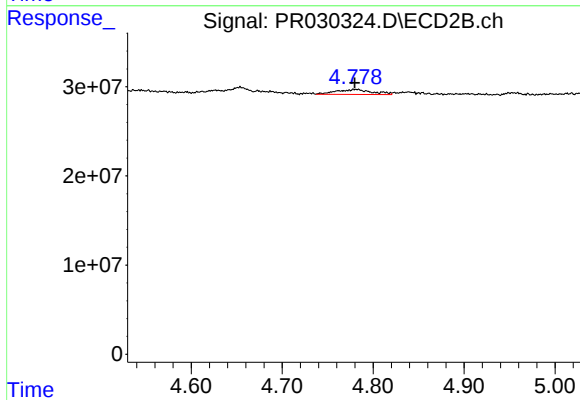
R.T.: 4.570 min
Delta R.T.: 0.024 min
Response: 2054017
Conc: 2.04 ng/ml



#17 AR-1242-2

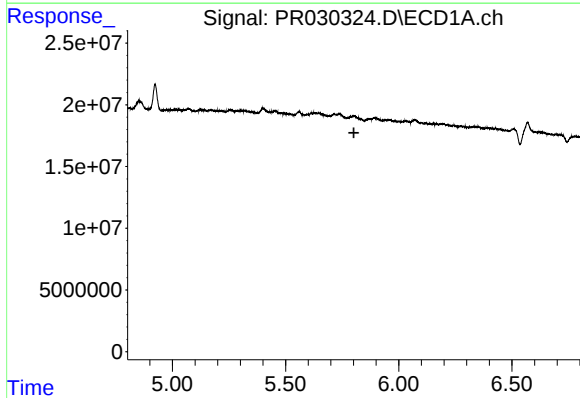
R.T.: 0.000 min
Exp R.T.: 5.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



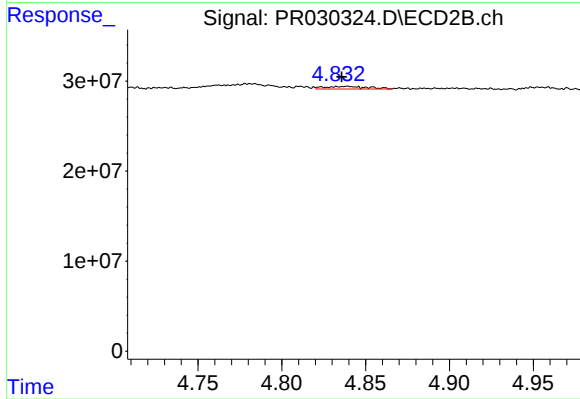
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 15381556
Conc: 7.00 ng/ml



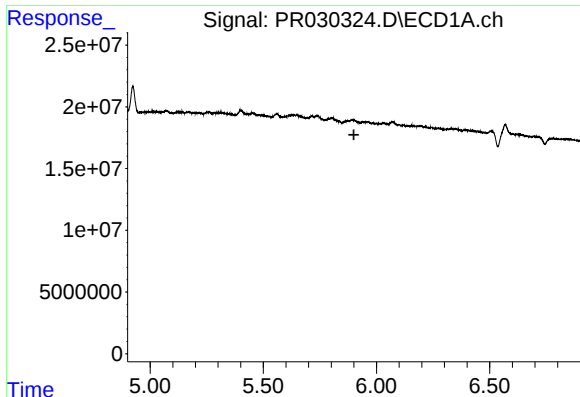
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.802 min
Response: 0
Conc: N.D.



#18 AR-1242-3

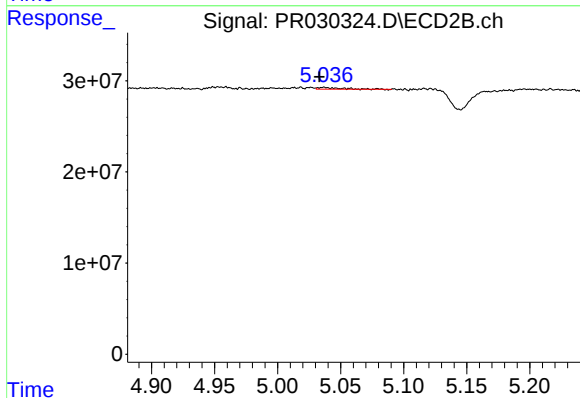
R.T.: 4.839 min
Delta R.T.: 0.003 min
Response: 5218676
Conc: 3.95 ng/ml



#19 AR-1242-4

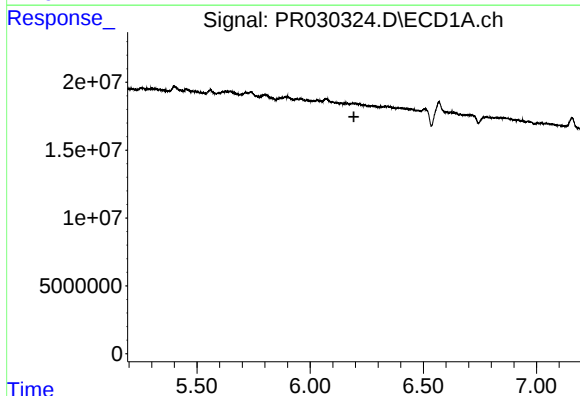
R.T.: 0.000 min
Exp R.T.: 5.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



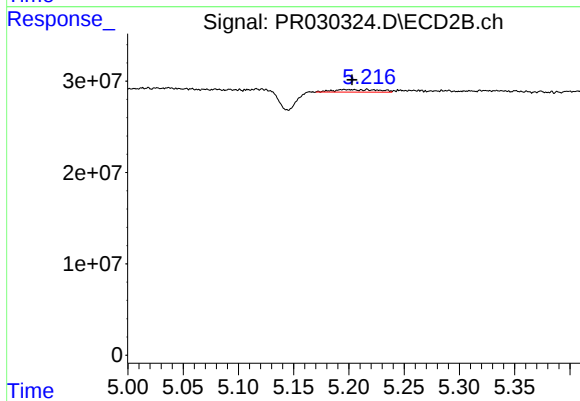
#19 AR-1242-4

R.T.: 5.037 min
Delta R.T.: 0.004 min
Response: 2062578
Conc: 2.05 ng/ml



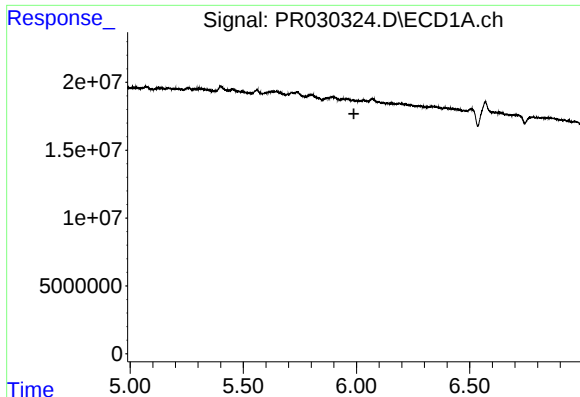
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.193 min
Response: 0
Conc: N.D.



#20 AR-1242-5

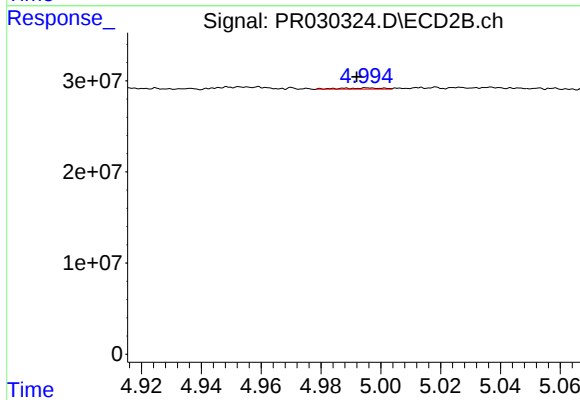
R.T.: 5.217 min
Delta R.T.: 0.014 min
Response: 8004749
Conc: 7.16 ng/ml



#21 AR-1248-1

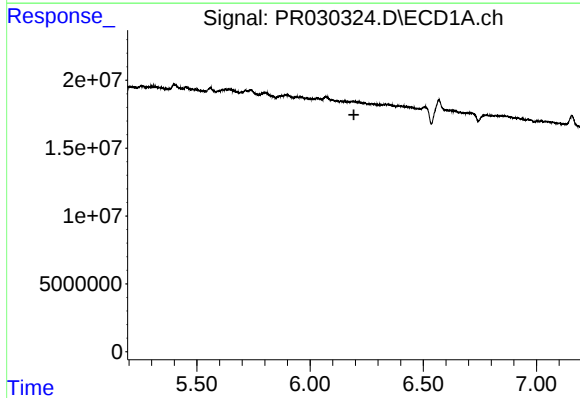
R.T.: 0.000 min
Exp R.T.: 5.988 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



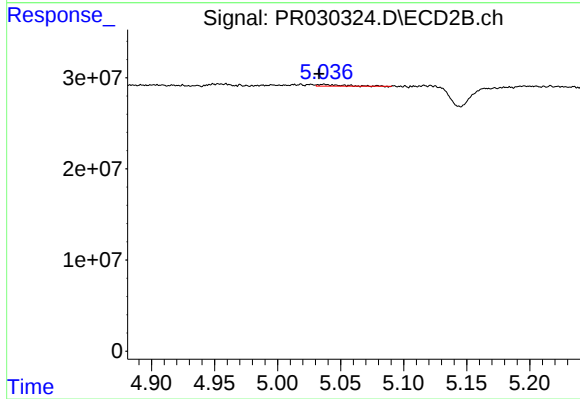
#21 AR-1248-1

R.T.: 4.996 min
Delta R.T.: 0.004 min
Response: 1131779
Conc: 0.85 ng/ml



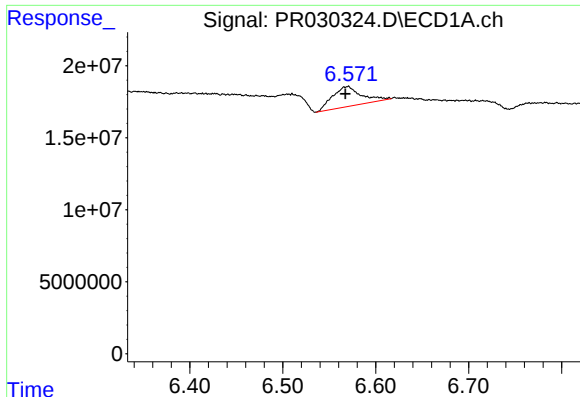
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.194 min
Response: 0
Conc: N.D.



#22 AR-1248-2

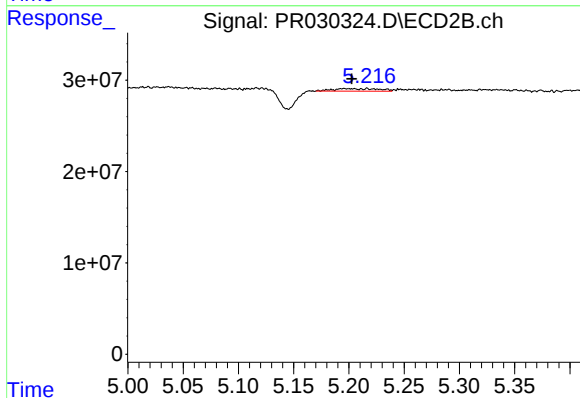
R.T.: 5.037 min
Delta R.T.: 0.004 min
Response: 2062578
Conc: 1.51 ng/ml



#23 AR-1248-3

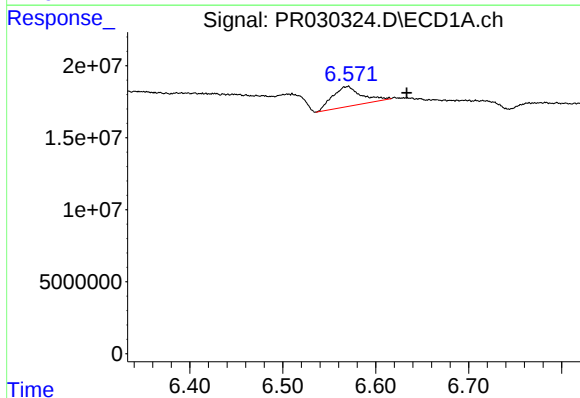
R.T.: 6.569 min
Delta R.T.: 0.002 min
Response: 30056524
Conc: 37.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



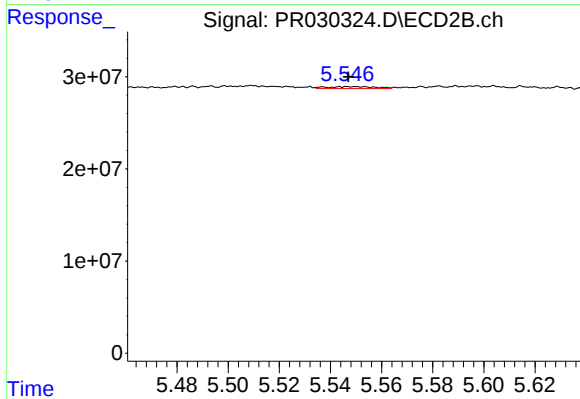
#23 AR-1248-3

R.T.: 5.217 min
Delta R.T.: 0.014 min
Response: 8004749
Conc: 4.73 ng/ml



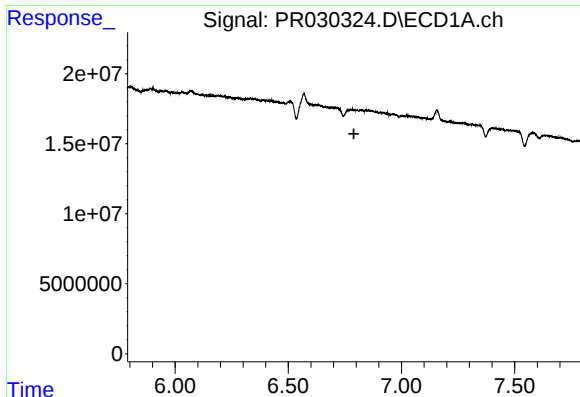
#24 AR-1248-4

R.T.: 6.569 min
Delta R.T.: -0.064 min
Response: 30056524
Conc: 29.79 ng/ml



#24 AR-1248-4

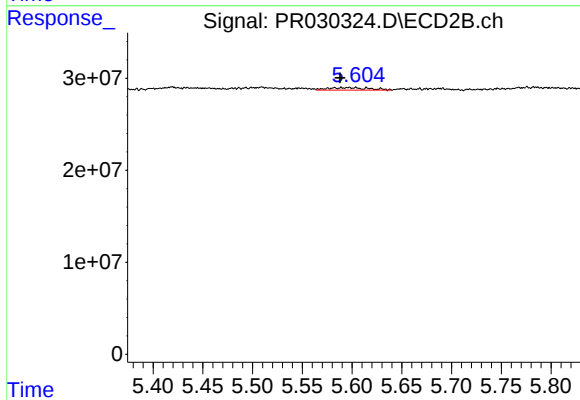
R.T.: 5.548 min
Delta R.T.: 0.001 min
Response: 2790952
Conc: 1.13 ng/ml



#25 AR-1248-5

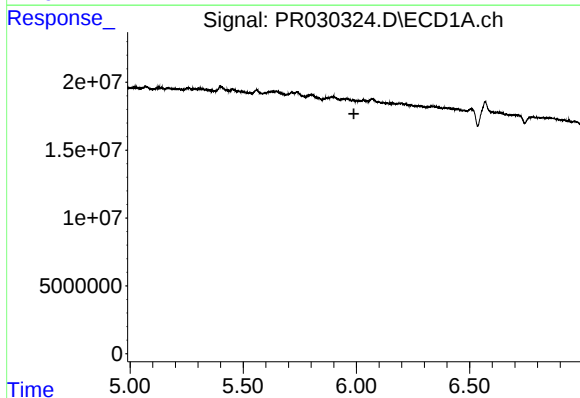
R.T.: 0.000 min
Exp R.T.: 6.790 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



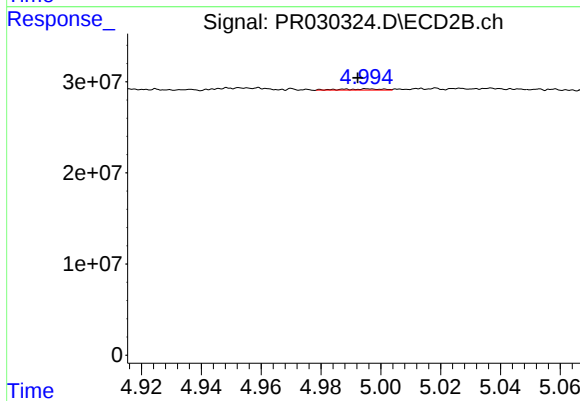
#25 AR-1248-5

R.T.: 5.596 min
Delta R.T.: 0.008 min
Response: 7684980
Conc: 4.43 ng/ml



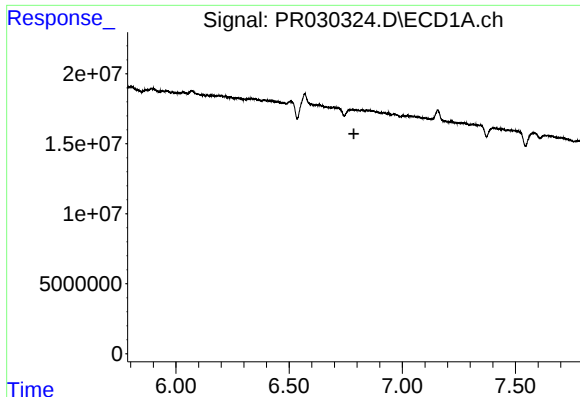
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 5.989 min
Response: 0
Conc: N.D.



#26 AR-1254-1

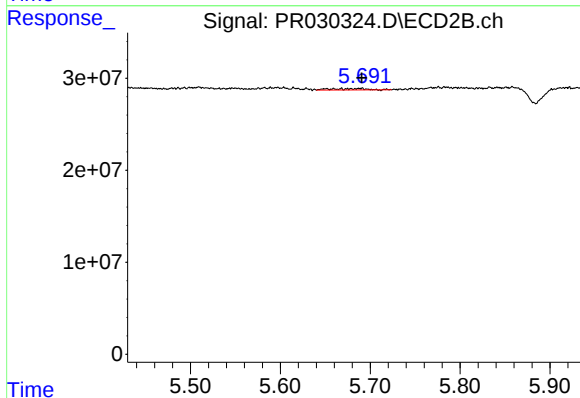
R.T.: 4.996 min
Delta R.T.: 0.003 min
Response: 1131779
Conc: 1.10 ng/ml



#27 AR-1254-2

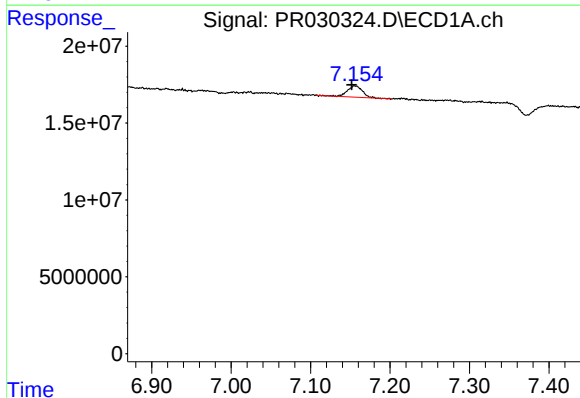
R.T.: 0.000 min
Exp R.T.: 6.786 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



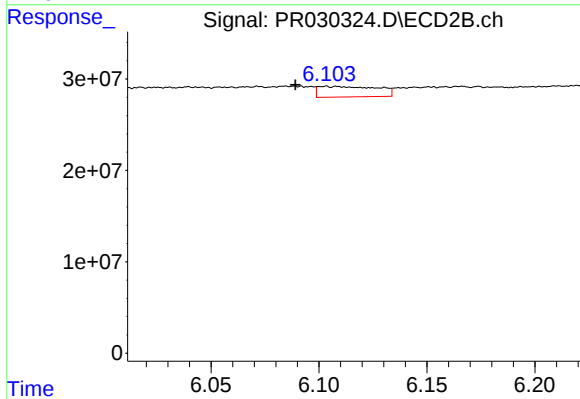
#27 AR-1254-2

R.T.: 5.668 min
Delta R.T.: -0.022 min
Response: 3872018
Conc: 1.71 ng/ml



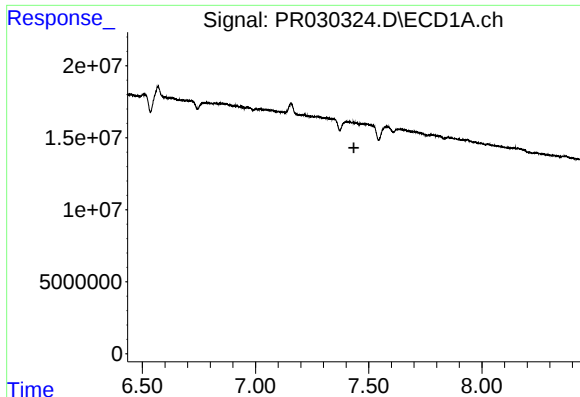
#28 AR-1254-3

R.T.: 7.156 min
Delta R.T.: 0.004 min
Response: 9900011
Conc: 5.61 ng/ml



#28 AR-1254-3

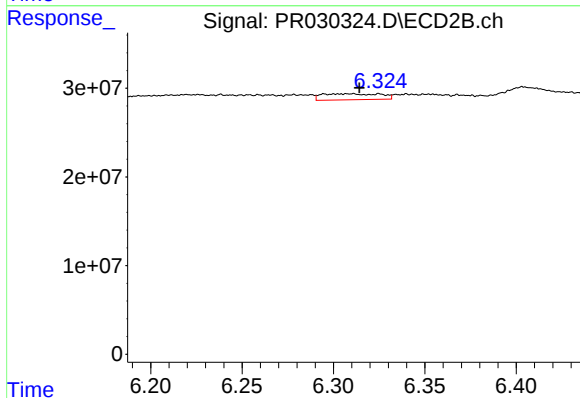
R.T.: 6.103 min
Delta R.T.: 0.014 min
Response: 21965433
Conc: 6.04 ng/ml



#29 AR-1254-4

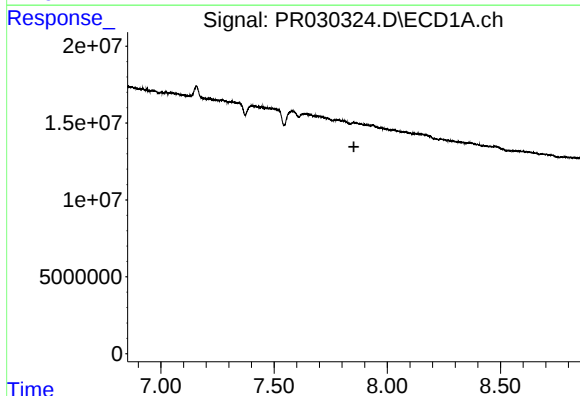
R.T.: 7.401 min
Delta R.T.: -0.034 min
Response: -6205736
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



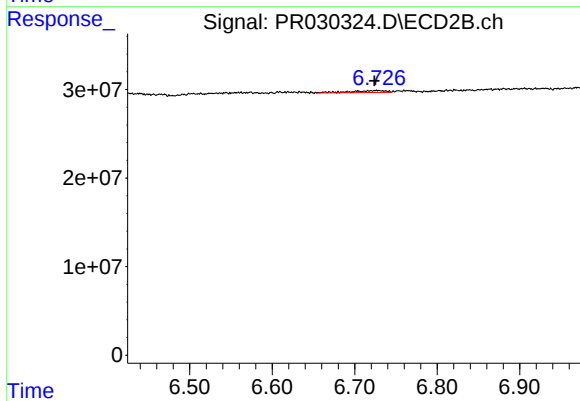
#29 AR-1254-4

R.T.: 6.308 min
Delta R.T.: -0.007 min
Response: 15052634
Conc: 5.49 ng/ml



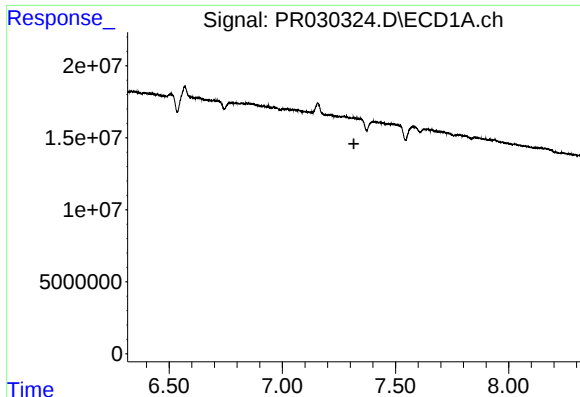
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.853 min
Response: 0
Conc: N.D.



#30 AR-1254-5

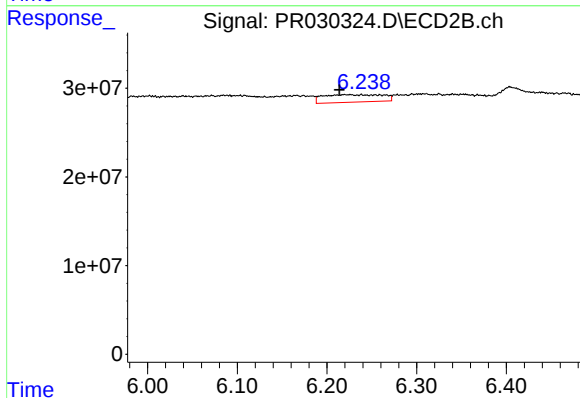
R.T.: 6.728 min
Delta R.T.: 0.004 min
Response: 6587805
Conc: 2.47 ng/ml



#31 AR-1260-1

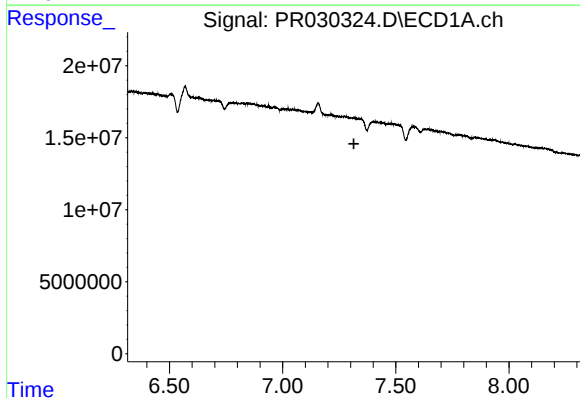
R.T.: 0.000 min
Exp R.T.: 7.316 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



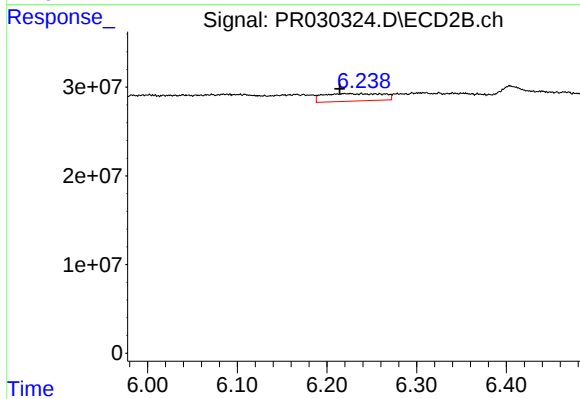
#31 AR-1260-1

R.T.: 6.224 min
Delta R.T.: 0.010 min
Response: 39326176
Conc: 15.77 ng/ml



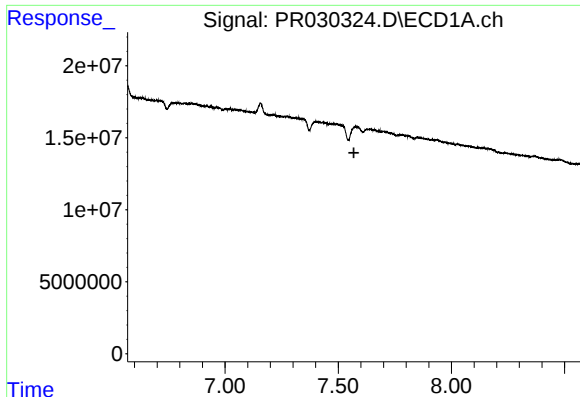
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.315 min
Response: 0
Conc: N.D.



#36 AR-1262-1

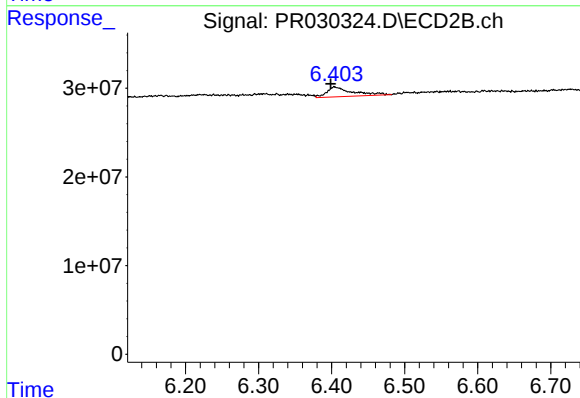
R.T.: 6.224 min
Delta R.T.: 0.009 min
Response: 39326176
Conc: 19.30 ng/ml



#37 AR-1262-2

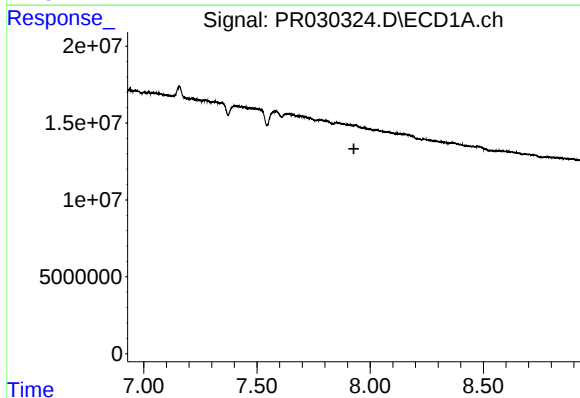
R.T.: 7.579 min
Delta R.T.: 0.010 min
Response: -6351887
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



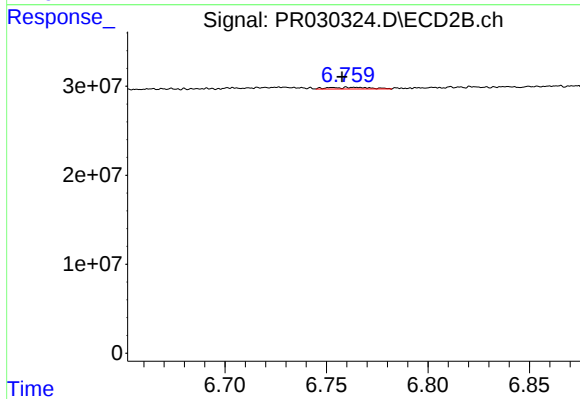
#37 AR-1262-2

R.T.: 6.405 min
Delta R.T.: 0.006 min
Response: 27168590
Conc: 11.36 ng/ml



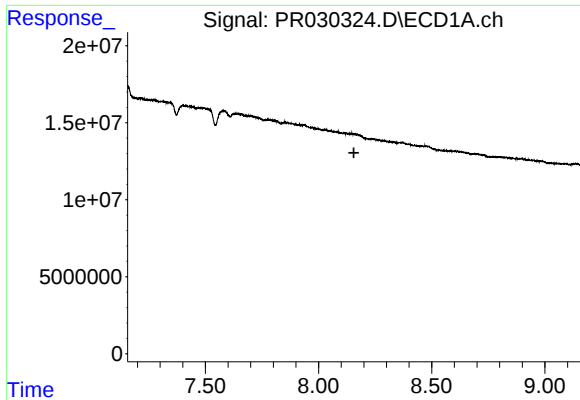
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.928 min
Response: 0
Conc: N.D.



#38 AR-1262-3

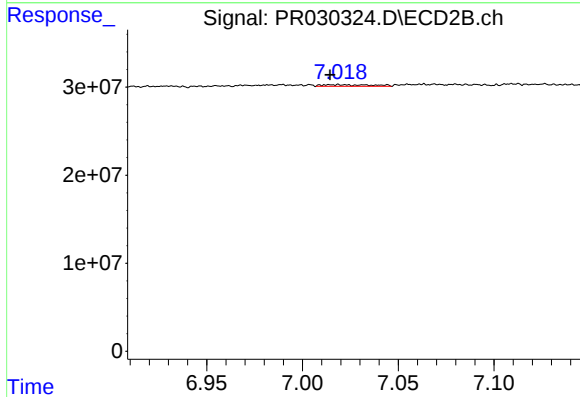
R.T.: 6.764 min
Delta R.T.: 0.006 min
Response: 2676615
Conc: 0.91 ng/ml



#39 AR-1262-4

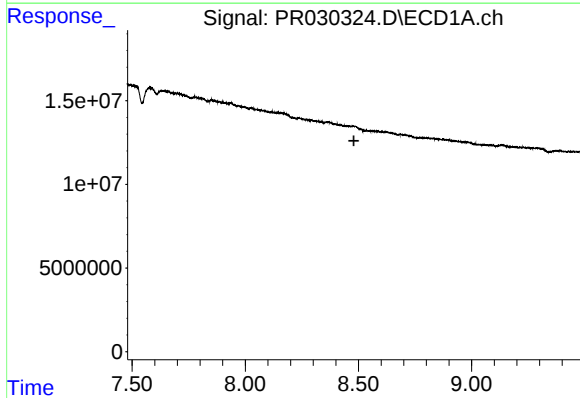
R.T.: 0.000 min
Exp R.T.: 8.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



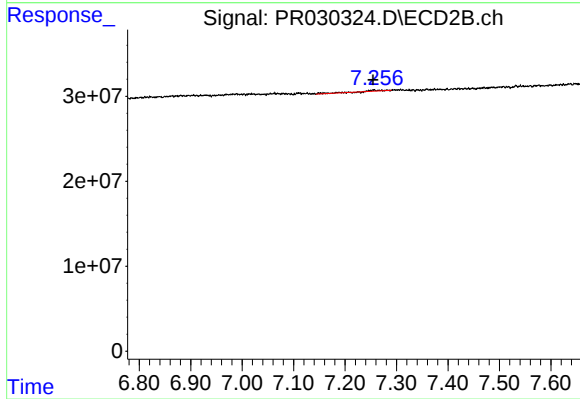
#39 AR-1262-4

R.T.: 7.018 min
Delta R.T.: 0.004 min
Response: 3392502
Conc: 1.62 ng/ml



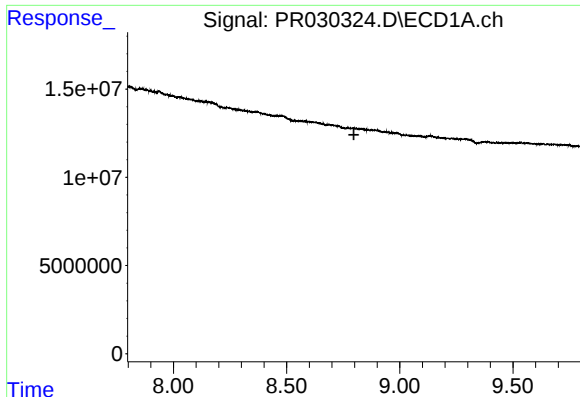
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.480 min
Response: 0
Conc: N.D.



#40 AR-1262-5

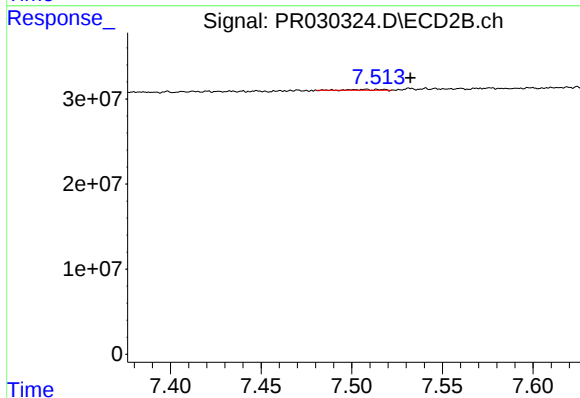
R.T.: 7.256 min
Delta R.T.: 0.002 min
Response: 2742150
Conc: 0.69 ng/ml



#41 AR-1268-1

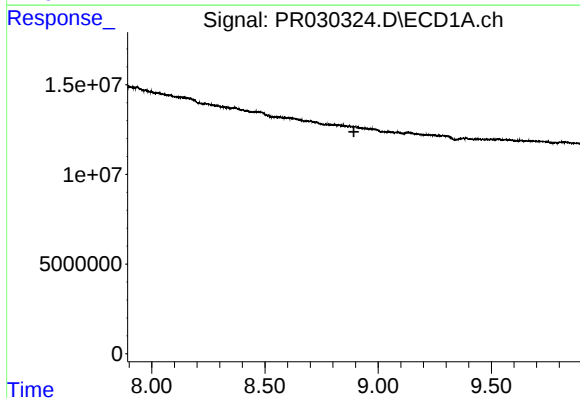
R.T.: 0.000 min
Exp R.T.: 8.797 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



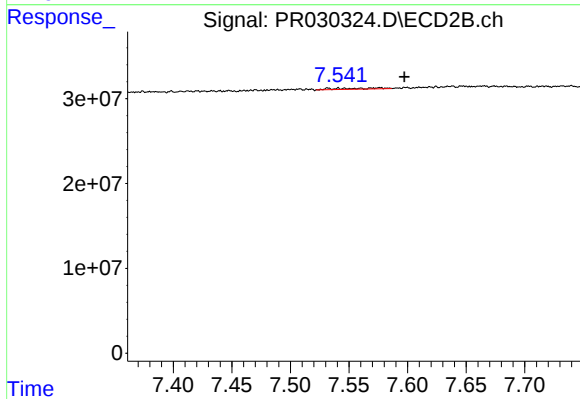
#41 AR-1268-1

R.T.: 7.508 min
Delta R.T.: -0.024 min
Response: 979957
Conc: 0.28 ng/ml



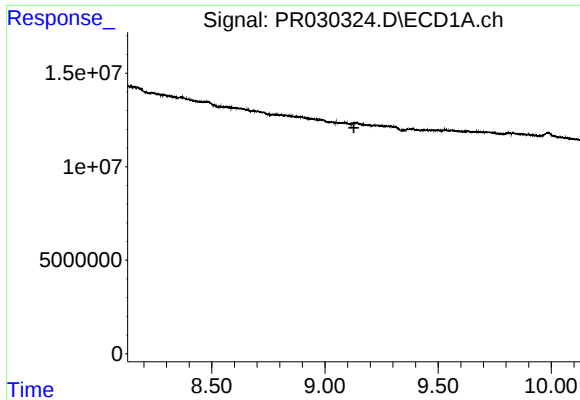
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.893 min
Response: 0
Conc: N.D.



#42 AR-1268-2

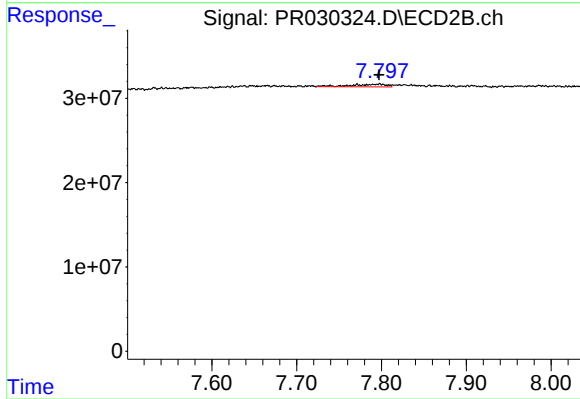
R.T.: 7.576 min
Delta R.T.: -0.021 min
Response: 3230743
Conc: 1.08 ng/ml



#43 AR-1268-3

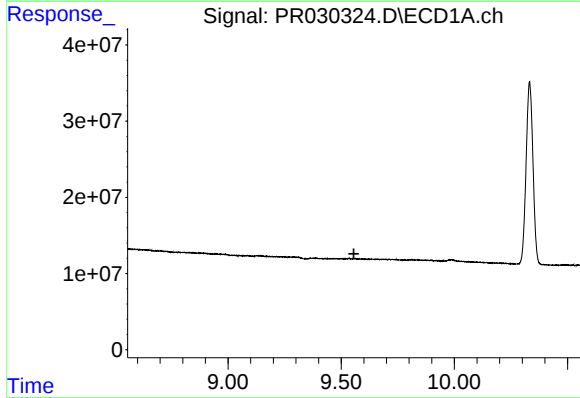
R.T.: 0.000 min
Exp R.T.: 9.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



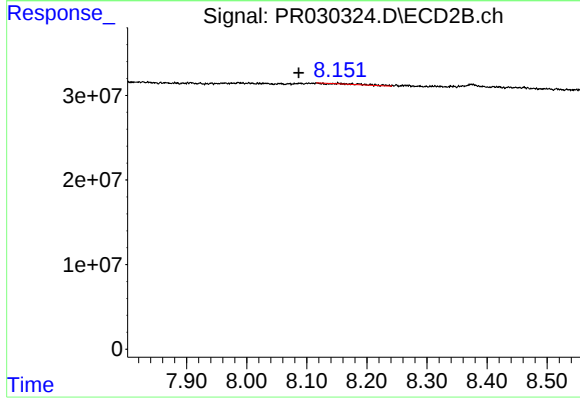
#43 AR-1268-3

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 9255772
Conc: 4.05 ng/ml



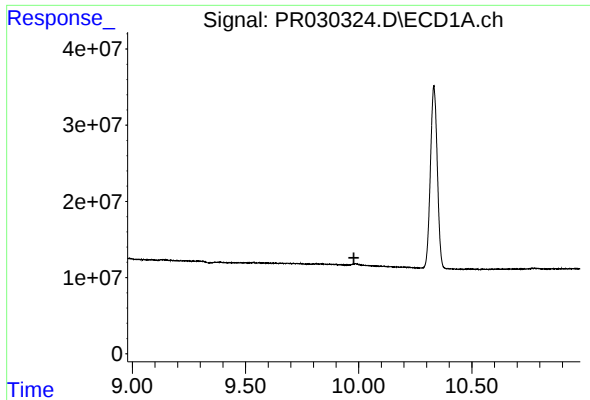
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.556 min
Response: 0
Conc: N.D.



#44 AR-1268-4

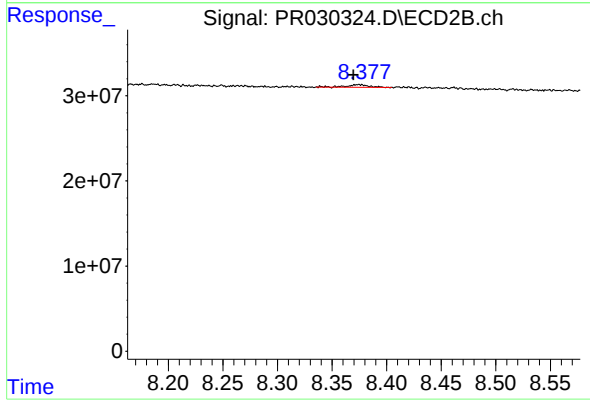
R.T.: 8.152 min
Delta R.T.: 0.066 min
Response: 1665773
Conc: 1.76 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.979 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.375 min
Delta R.T.: 0.005 min
Response: 3958909
Conc: 0.76 ng/ml