

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR090618\
 Data File : PR031839.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Sep 2018 22:55
 Operator : SM\SJ
 Sample : J4798-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 04:46:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 07 03:46:12 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...	4.525	3.655	316.1E6	551.8E6	16.125	14.965
2)	SA Decachlor...	10.273	8.518	592.1E6	471.8E6	18.409	18.021
Target Compounds							
3)	L1 AR-1016-1	5.229	4.306	6707669	26451571	12.472	24.167 #
4)	L1 AR-1016-2	5.419	4.711	4229954	60748092	7.479	35.624 #
5)	L1 AR-1016-3	5.727	4.711	20554893	60748092	23.285	20.950
6)	L1 AR-1016-4	5.771	4.776	9745075	7686556	12.442	4.137 #
7)	L1 AR-1016-5	6.175	5.150	34803001	81863266	51.946	47.426
8)	L2 AR-1221-1	4.724	3.822	6141175	7352237	26.342	18.016 #
9)	L2 AR-1221-2	4.838	3.954	5900929	-1122787	33.217	N.D. #
10)	L2 AR-1221-3	4.904	4.034	65141183	75667872	117.395	73.309 #
11)	L3 AR-1232-1	5.727	4.473	20554893	41764114	39.171	74.854 #
12)	L3 AR-1232-2	5.866	4.620	10479695	42989250	38.872	227.719 #
13)	L3 AR-1232-3	6.039	4.952	11336218	98920299	144.343	170.338
14)	L3 AR-1232-4	6.346	5.305	25815749	142.7E6	314.335	195.569 #
15)	L3 AR-1232-5	7.245	5.844	35392146	563364	650.592	5.082 #
16)	L4 AR-1242-1	5.263	4.330	10161315	48315215	38.182	82.436 #
17)	L4 AR-1242-2	5.983	4.901	51325672	61365194	104.590	50.485 #
18)	L4 AR-1242-3	6.210	5.007	18888576	68817454	76.504	159.276 #
19)	L4 AR-1242-4	6.210	5.355	18888576	33908590	105.338	82.139
20)	L4 AR-1242-5	6.302	5.752	11249806	17908983	17.847	19.128
21)	L5 AR-1248-1	5.950	4.952	12780238	98920299	15.905	56.374 #
22)	L5 AR-1248-2	6.514	5.483	4377974	80731068	5.171	22.034 #
23)	L5 AR-1248-3	6.569	5.503	17217667	84489576	15.086	32.295 #
24)	L5 AR-1248-4	6.601	5.692	18397205	17331650	17.074	6.490 #
25)	L5 AR-1248-5	6.808	6.022	22205865	35222760	30.659	20.887 #
26)	L6 AR-1254-1	6.761	5.613	34603491	90398728	17.816	23.776 #
27)	L6 AR-1254-2	7.014	5.947	20026120	13870231	16.427	4.697 #
28)	L6 AR-1254-3	7.157	6.228	13567022	78834248	6.192	17.621 #
29)	L6 AR-1254-4	7.412	6.560	14781781	20620085	8.484	9.705
30)	L6 AR-1254-5	7.658	6.649	8843682	29135213	6.807	7.653
31)	L7 AR-1260-1	7.295	6.141	12756107	12185206	8.184	3.303 #
32)	L7 AR-1260-2	7.550	6.329	-2415884	30944590	N.D.	6.906 #
33)	L7 AR-1260-3	7.835	6.488	10799432	3215571	4.638	0.913 #
34)	L7 AR-1260-4	8.141	6.943	24795962	13845498	14.869	6.734 #
35)	L7 AR-1260-5	8.449	7.176	8141735	21623558	2.170	4.953 #
36)	L8 AR-1262-1	7.186	6.022	17310245	35222760	20.450	17.605
37)	L8 AR-1262-2	7.955	6.752	9984589	865326	11.725	0.575 #
38)	L8 AR-1262-3	8.242	7.031	13228671	4289263	17.566	3.513 #
39)	L8 AR-1262-4	8.858	7.435	28222578	17007712	13.278	10.155
40)	L8 AR-1262-5	9.481	8.015	5892910	1108870	3.857	0.876 #
41)	L9 AR-1268-1	7.908	6.684	9836244	10422959	10.782	6.386 #

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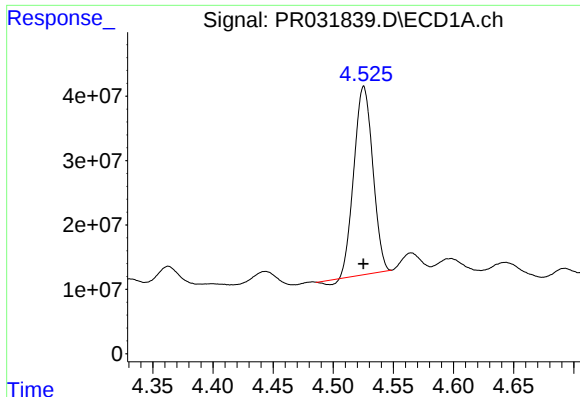
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 04:46:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.141	7.495	24795962	23691247	19.725	5.897 #
43) L9	AR-1268-3	8.740	7.718	4480101	7806542	0.807	2.266 #
44) L9	AR-1268-4	9.088	7.782	4483142	-843528	1.015	N.D. #
45) L9	AR-1268-5	9.934	8.285	9246527	19802225	0.760	2.076 #

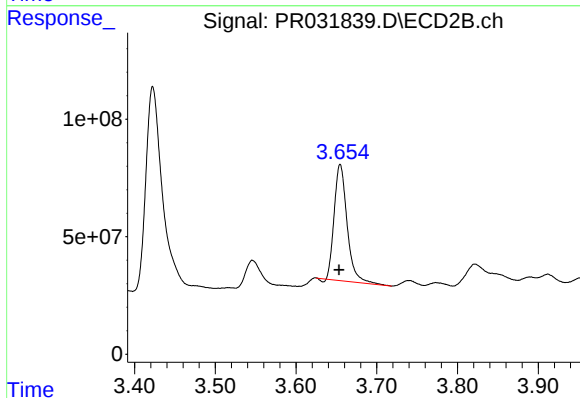
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

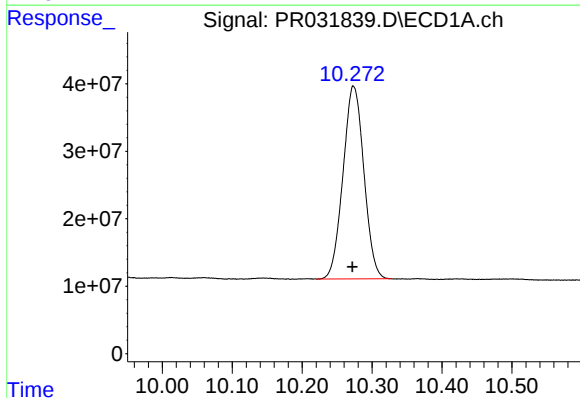
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 316136241
Conc: 16.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



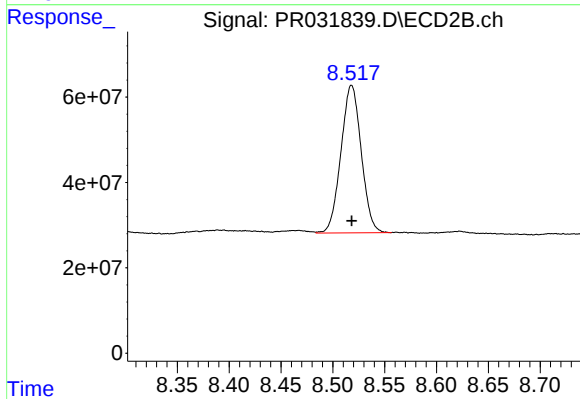
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.001 min
Response: 551765838
Conc: 14.97 ng/ml



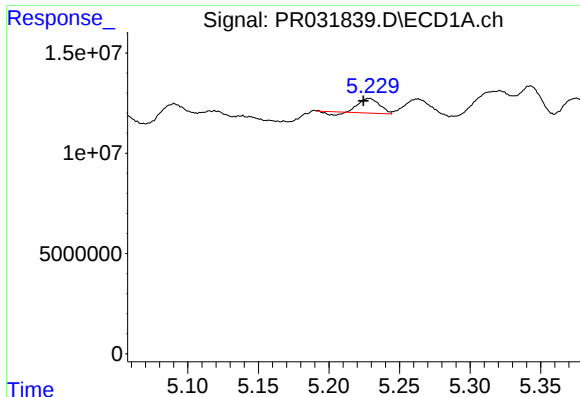
#2 Decachlorobiphenyl

R.T.: 10.273 min
Delta R.T.: 0.002 min
Response: 592126311
Conc: 18.41 ng/ml



#2 Decachlorobiphenyl

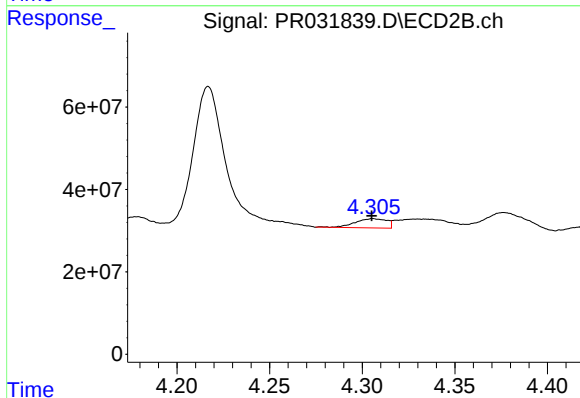
R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 471798914
Conc: 18.02 ng/ml



#3 AR-1016-1

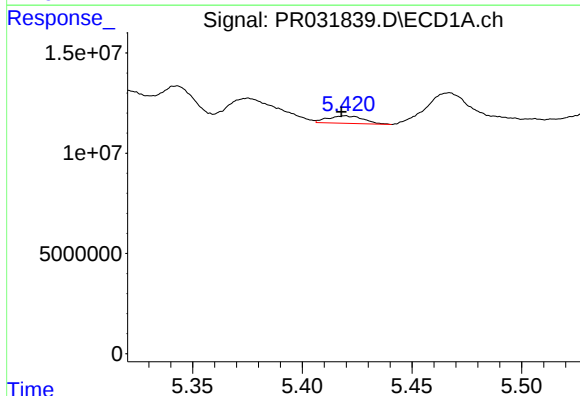
R.T.: 5.229 min
Delta R.T.: 0.004 min
Response: 6707669
Conc: 12.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



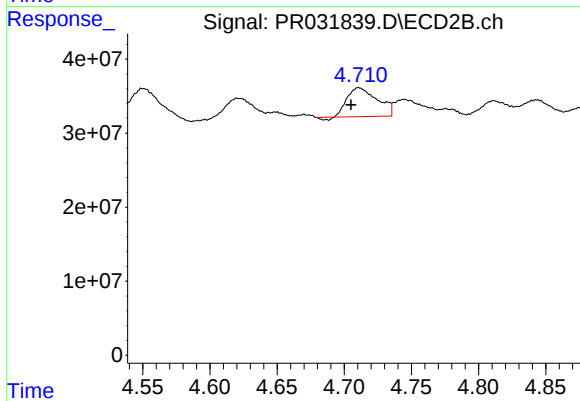
#3 AR-1016-1

R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 26451571
Conc: 24.17 ng/ml



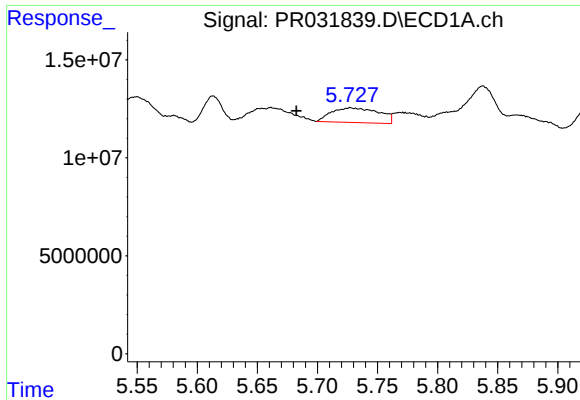
#4 AR-1016-2

R.T.: 5.419 min
Delta R.T.: 0.002 min
Response: 4229954
Conc: 7.48 ng/ml



#4 AR-1016-2

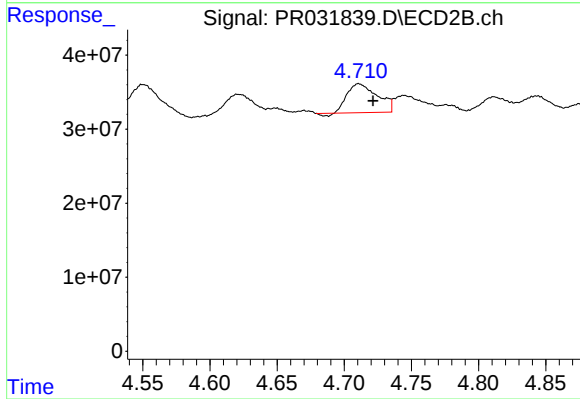
R.T.: 4.711 min
Delta R.T.: 0.006 min
Response: 60748092
Conc: 35.62 ng/ml



#5 AR-1016-3

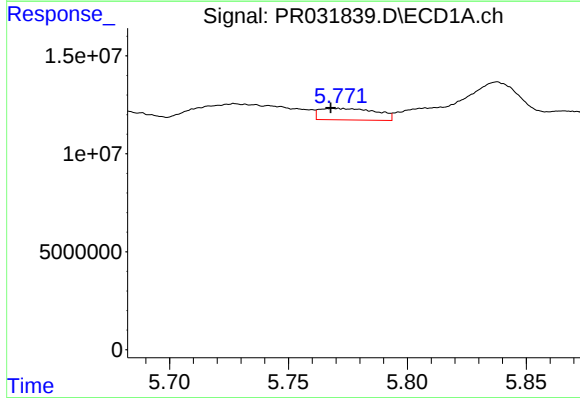
R.T.: 5.727 min
Delta R.T.: 0.045 min
Response: 20554893
Conc: 23.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



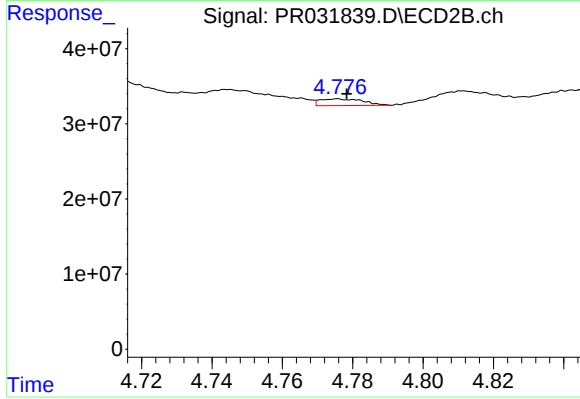
#5 AR-1016-3

R.T.: 4.711 min
Delta R.T.: -0.011 min
Response: 60748092
Conc: 20.95 ng/ml



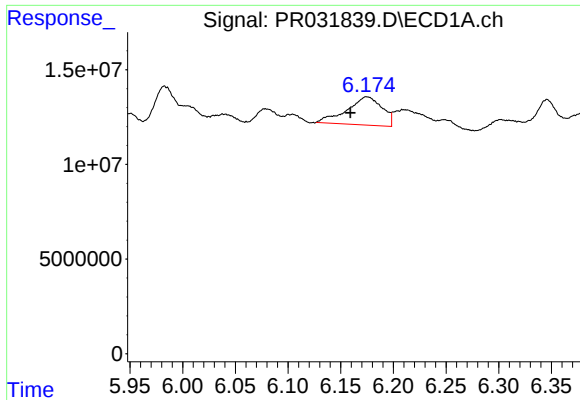
#6 AR-1016-4

R.T.: 5.771 min
Delta R.T.: 0.003 min
Response: 9745075
Conc: 12.44 ng/ml



#6 AR-1016-4

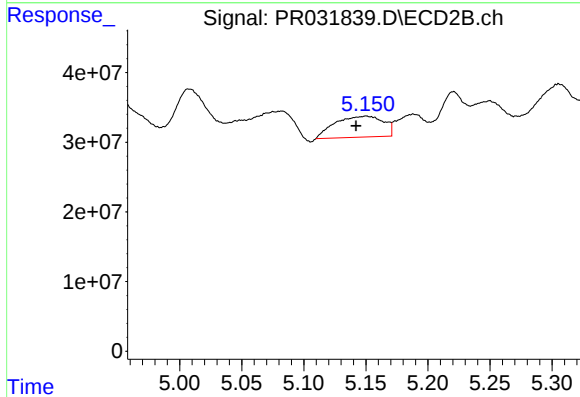
R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 7686556
Conc: 4.14 ng/ml



#7 AR-1016-5

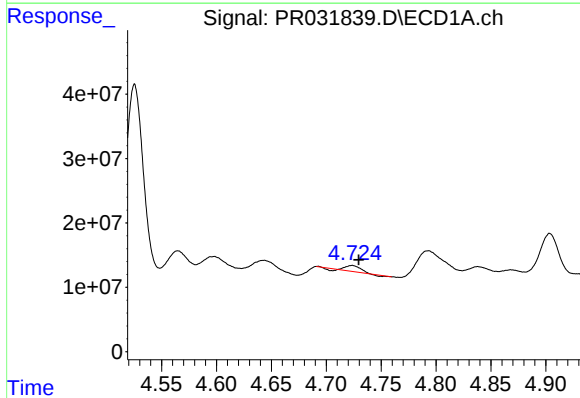
R.T.: 6.175 min
Delta R.T.: 0.015 min
Response: 34803001
Conc: 51.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



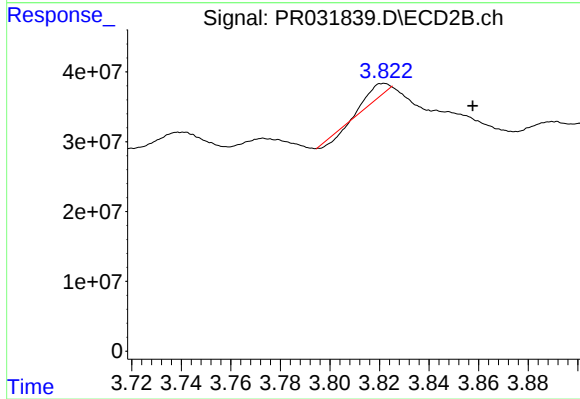
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: 0.008 min
Response: 81863266
Conc: 47.43 ng/ml



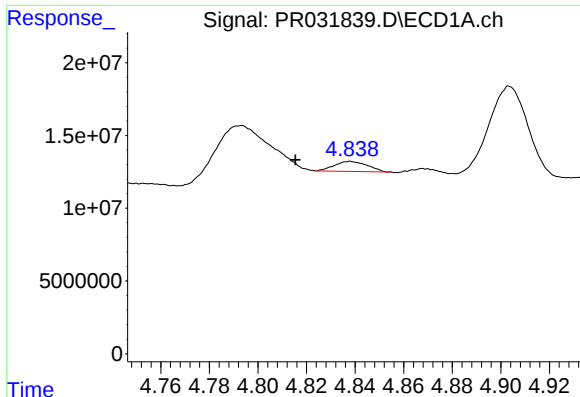
#8 AR-1221-1

R.T.: 4.724 min
Delta R.T.: -0.006 min
Response: 6141175
Conc: 26.34 ng/ml



#8 AR-1221-1

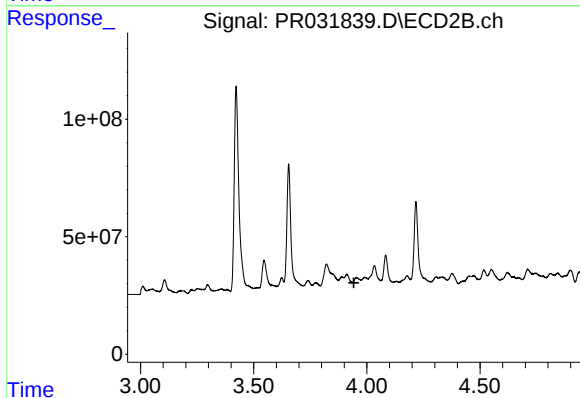
R.T.: 3.822 min
Delta R.T.: -0.036 min
Response: 7352237
Conc: 18.02 ng/ml



#9 AR-1221-2

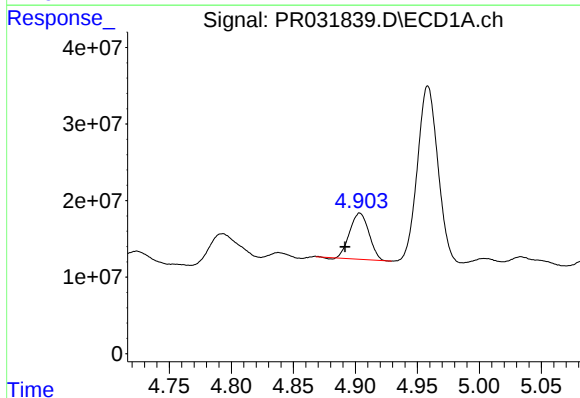
R.T.: 4.838 min
Delta R.T.: 0.023 min
Response: 5900929
Conc: 33.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



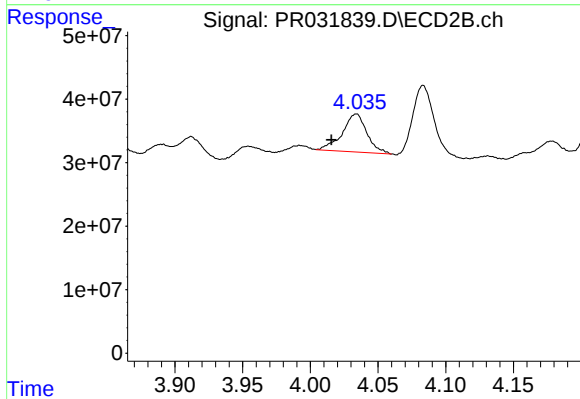
#9 AR-1221-2

R.T.: 3.954 min
Delta R.T.: 0.012 min
Response: -1122787
Conc: N.D.



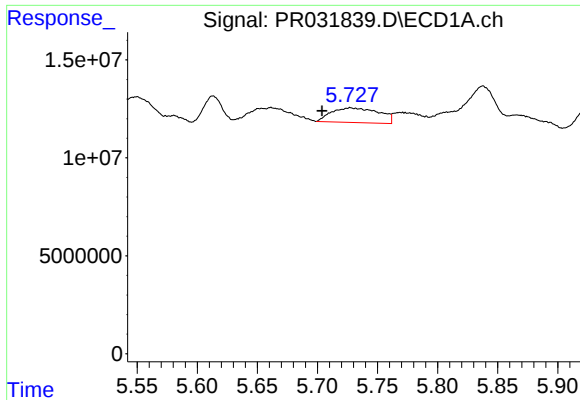
#10 AR-1221-3

R.T.: 4.904 min
Delta R.T.: 0.012 min
Response: 65141183
Conc: 117.40 ng/ml



#10 AR-1221-3

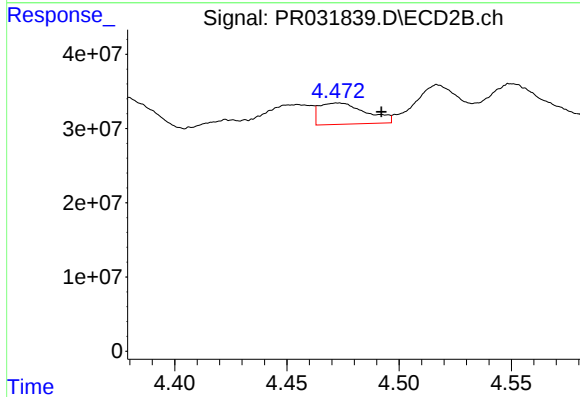
R.T.: 4.034 min
Delta R.T.: 0.019 min
Response: 75667872
Conc: 73.31 ng/ml



#11 AR-1232-1

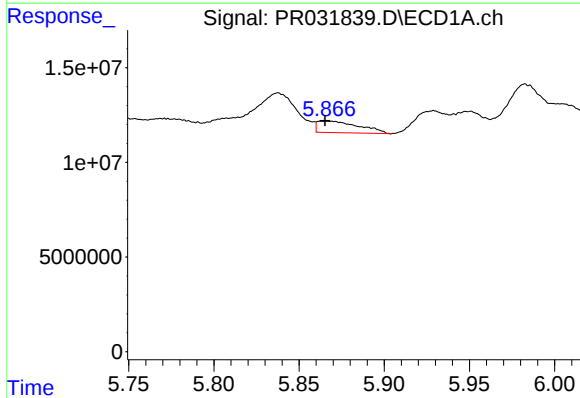
R.T.: 5.727 min
Delta R.T.: 0.023 min
Response: 20554893
Conc: 39.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



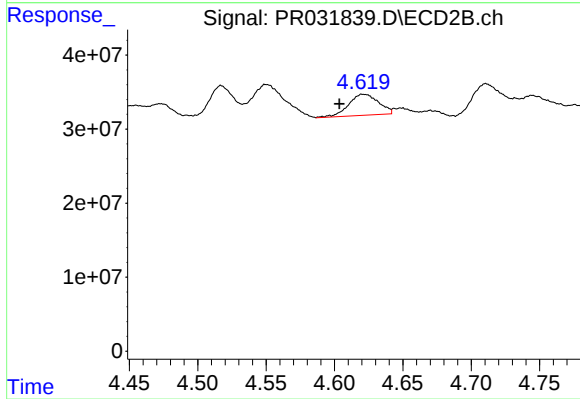
#11 AR-1232-1

R.T.: 4.473 min
Delta R.T.: -0.019 min
Response: 41764114
Conc: 74.85 ng/ml



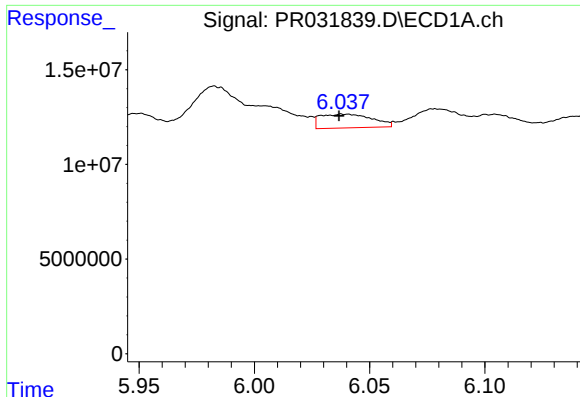
#12 AR-1232-2

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 10479695
Conc: 38.87 ng/ml



#12 AR-1232-2

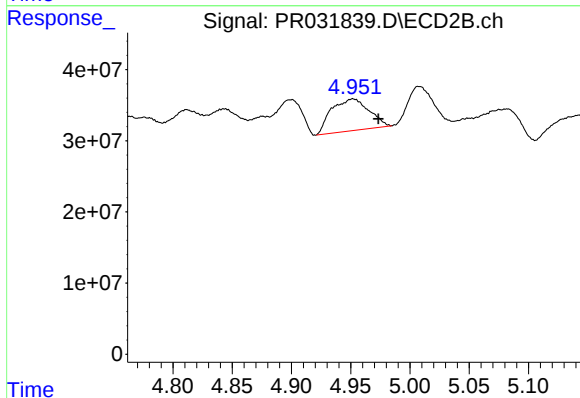
R.T.: 4.620 min
Delta R.T.: 0.017 min
Response: 42989250
Conc: 227.72 ng/ml



#13 AR-1232-3

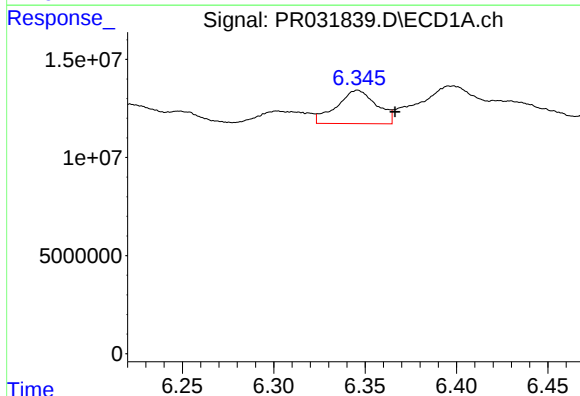
R.T.: 6.039 min
Delta R.T.: 0.002 min
Response: 11336218
Conc: 144.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



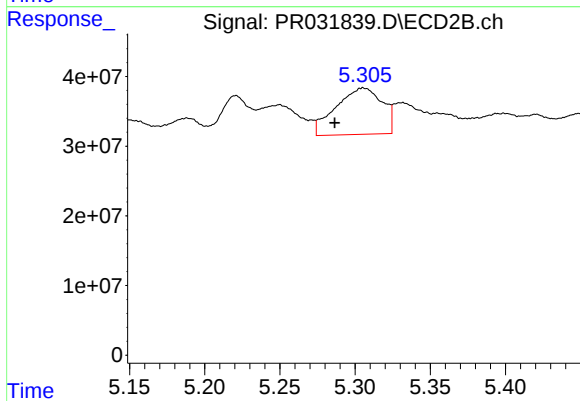
#13 AR-1232-3

R.T.: 4.952 min
Delta R.T.: -0.022 min
Response: 98920299
Conc: 170.34 ng/ml



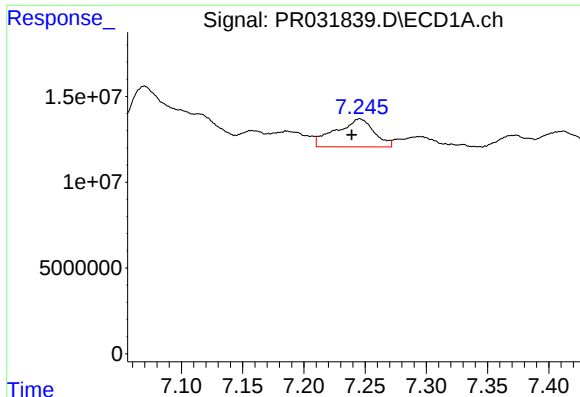
#14 AR-1232-4

R.T.: 6.346 min
Delta R.T.: -0.021 min
Response: 25815749
Conc: 314.34 ng/ml



#14 AR-1232-4

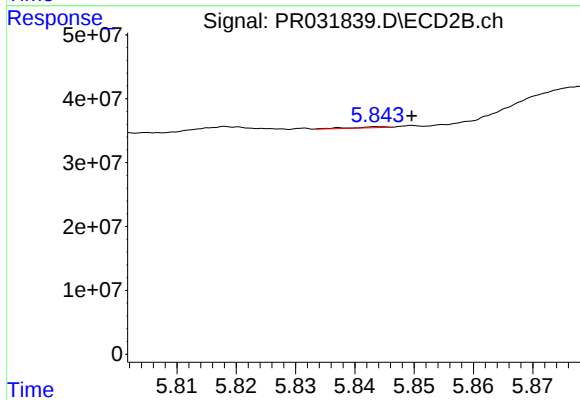
R.T.: 5.305 min
Delta R.T.: 0.019 min
Response: 142724377
Conc: 195.57 ng/ml



#15 AR-1232-5

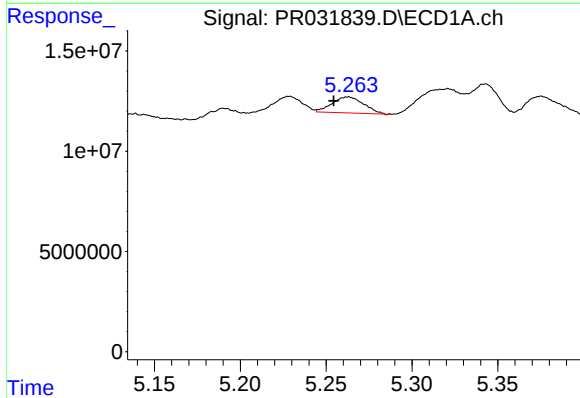
R.T.: 7.245 min
Delta R.T.: 0.007 min
Response: 35392146
Conc: 650.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



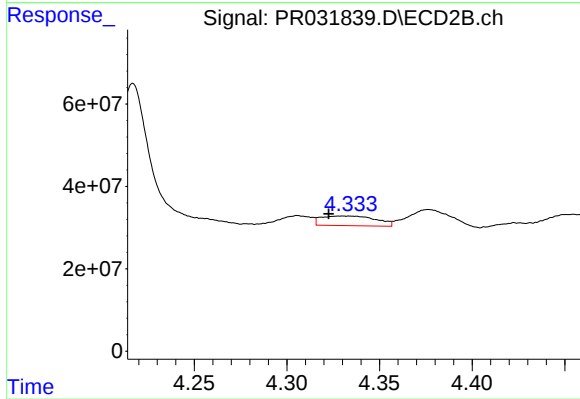
#15 AR-1232-5

R.T.: 5.844 min
Delta R.T.: -0.005 min
Response: 563364
Conc: 5.08 ng/ml



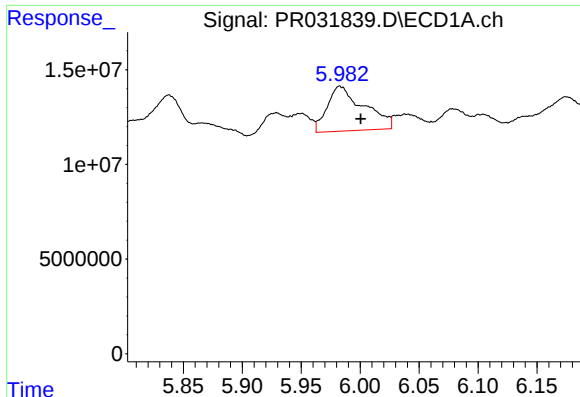
#16 AR-1242-1

R.T.: 5.263 min
Delta R.T.: 0.008 min
Response: 10161315
Conc: 38.18 ng/ml



#16 AR-1242-1

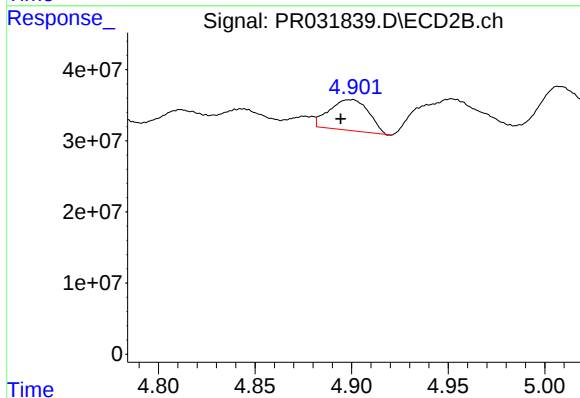
R.T.: 4.330 min
Delta R.T.: 0.008 min
Response: 48315215
Conc: 82.44 ng/ml



#17 AR-1242-2

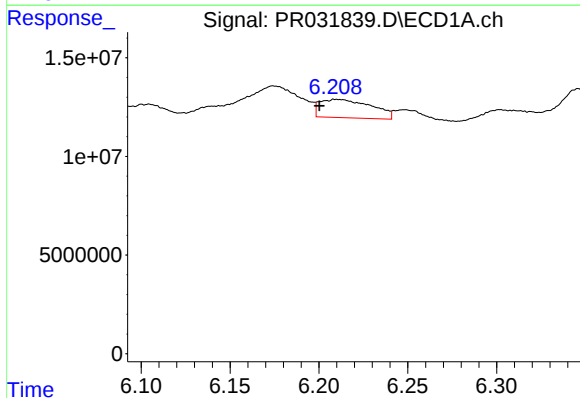
R.T.: 5.983 min
Delta R.T.: -0.018 min
Response: 51325672
Conc: 104.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



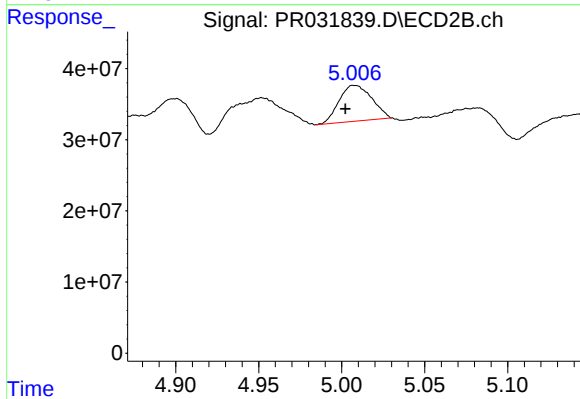
#17 AR-1242-2

R.T.: 4.901 min
Delta R.T.: 0.006 min
Response: 61365194
Conc: 50.49 ng/ml



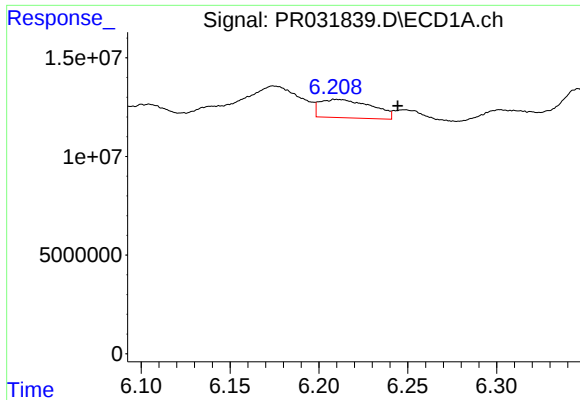
#18 AR-1242-3

R.T.: 6.210 min
Delta R.T.: 0.010 min
Response: 18888576
Conc: 76.50 ng/ml



#18 AR-1242-3

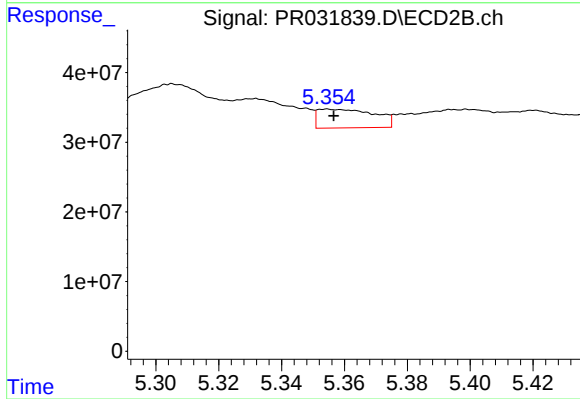
R.T.: 5.007 min
Delta R.T.: 0.005 min
Response: 68817454
Conc: 159.28 ng/ml



#19 AR-1242-4

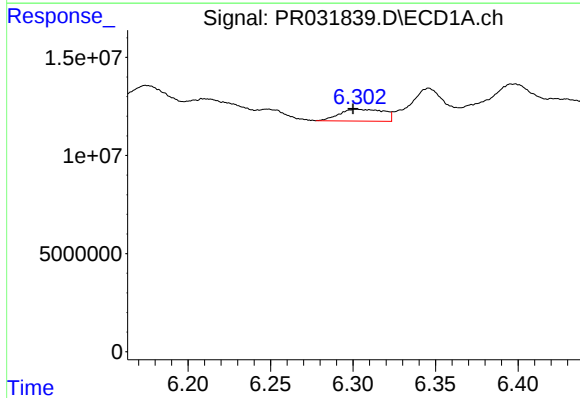
R.T.: 6.210 min
Delta R.T.: -0.034 min
Response: 18888576
Conc: 105.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



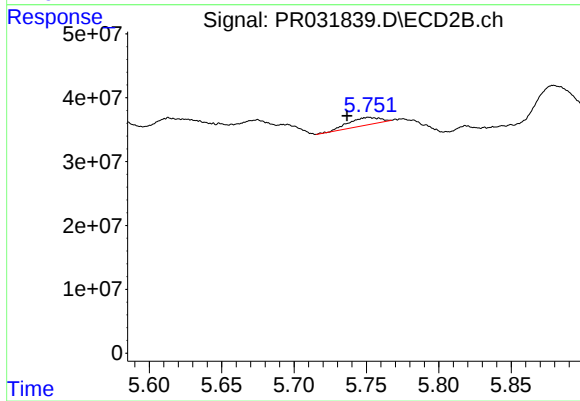
#19 AR-1242-4

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 33908590
Conc: 82.14 ng/ml



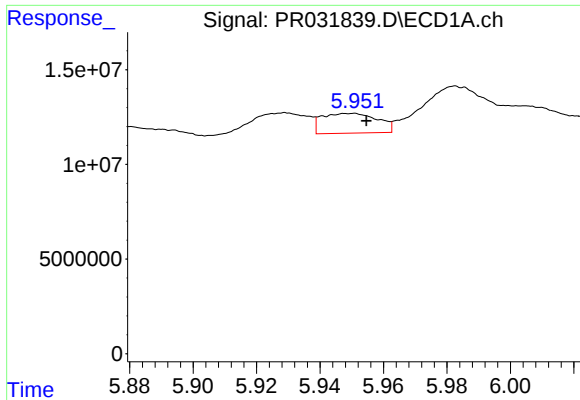
#20 AR-1242-5

R.T.: 6.302 min
Delta R.T.: 0.002 min
Response: 11249806
Conc: 17.85 ng/ml



#20 AR-1242-5

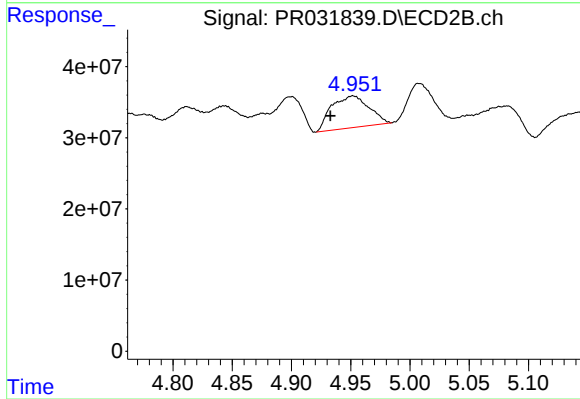
R.T.: 5.752 min
Delta R.T.: 0.015 min
Response: 17908983
Conc: 19.13 ng/ml



#21 AR-1248-1

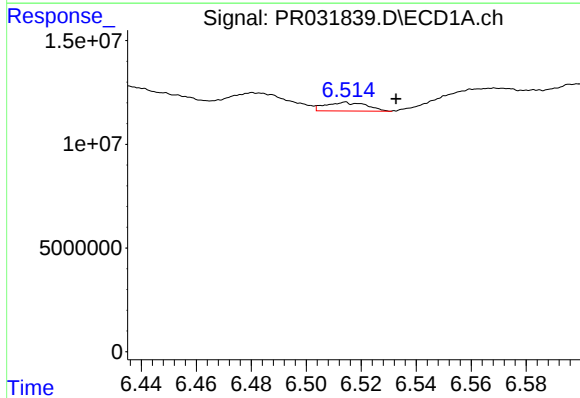
R.T.: 5.950 min
Delta R.T.: -0.005 min
Response: 12780238
Conc: 15.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



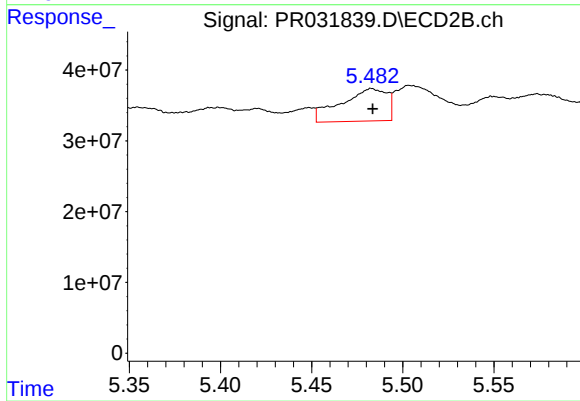
#21 AR-1248-1

R.T.: 4.952 min
Delta R.T.: 0.019 min
Response: 98920299
Conc: 56.37 ng/ml



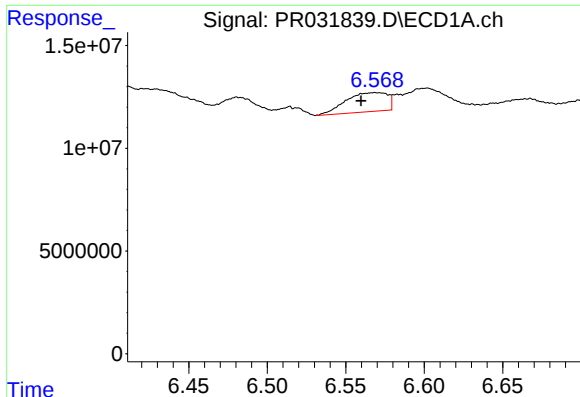
#22 AR-1248-2

R.T.: 6.514 min
Delta R.T.: -0.019 min
Response: 4377974
Conc: 5.17 ng/ml



#22 AR-1248-2

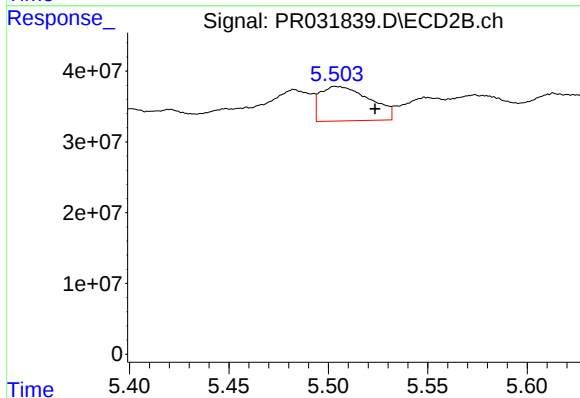
R.T.: 5.483 min
Delta R.T.: 0.000 min
Response: 80731068
Conc: 22.03 ng/ml



#23 AR-1248-3

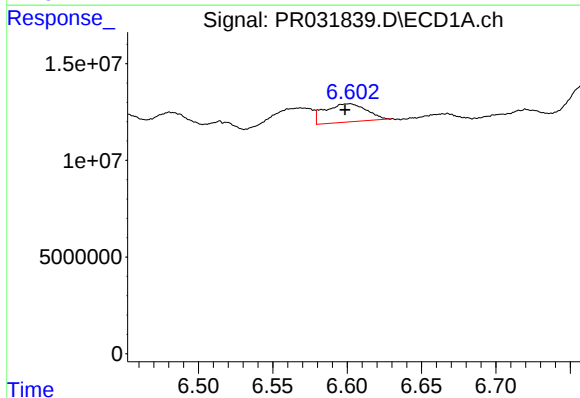
R.T.: 6.569 min
Delta R.T.: 0.009 min
Response: 17217667
Conc: 15.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



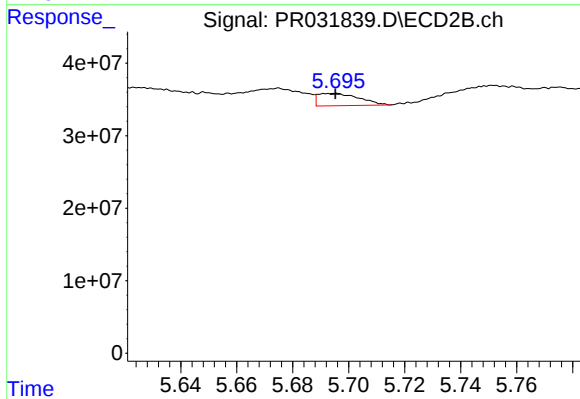
#23 AR-1248-3

R.T.: 5.503 min
Delta R.T.: -0.020 min
Response: 84489576
Conc: 32.30 ng/ml



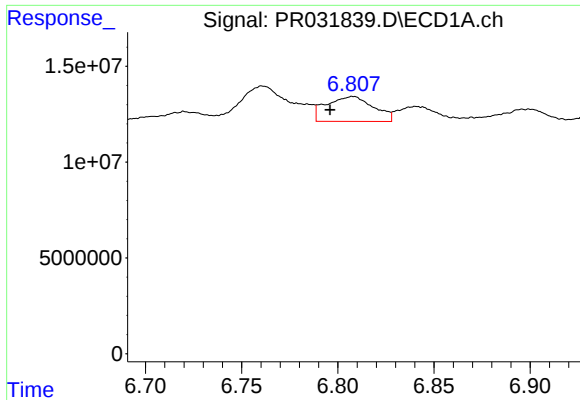
#24 AR-1248-4

R.T.: 6.601 min
Delta R.T.: 0.003 min
Response: 18397205
Conc: 17.07 ng/ml



#24 AR-1248-4

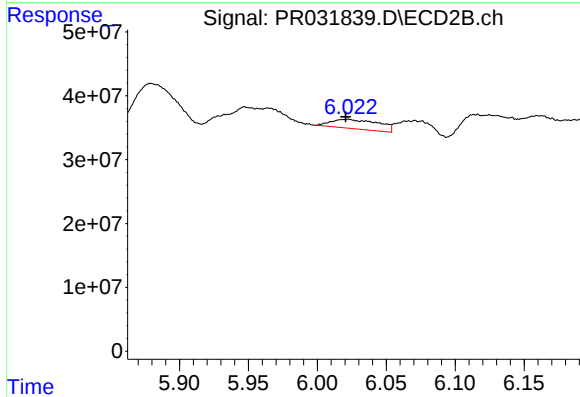
R.T.: 5.692 min
Delta R.T.: -0.003 min
Response: 17331650
Conc: 6.49 ng/ml



#25 AR-1248-5

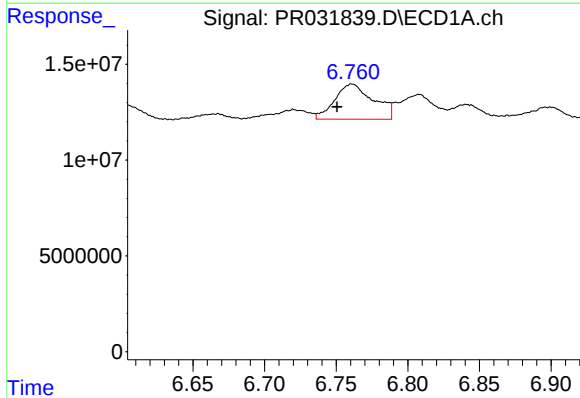
R.T.: 6.808 min
Delta R.T.: 0.012 min
Response: 22205865
Conc: 30.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



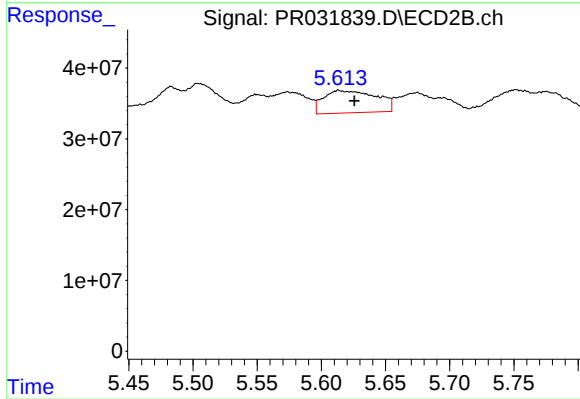
#25 AR-1248-5

R.T.: 6.022 min
Delta R.T.: 0.002 min
Response: 35222760
Conc: 20.89 ng/ml



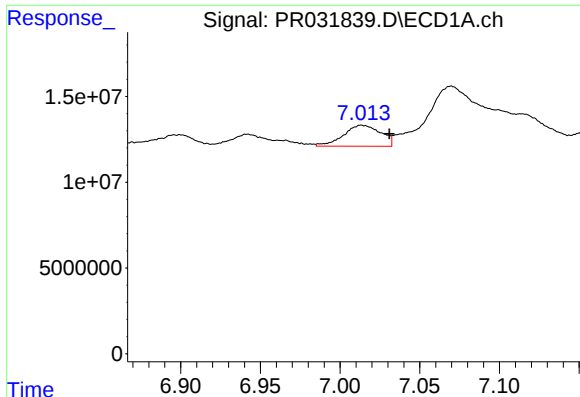
#26 AR-1254-1

R.T.: 6.761 min
Delta R.T.: 0.010 min
Response: 34603491
Conc: 17.82 ng/ml



#26 AR-1254-1

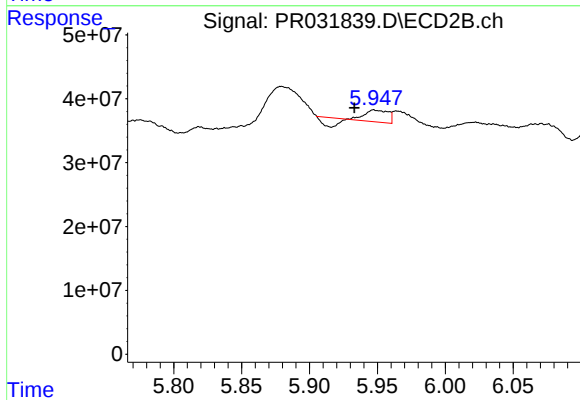
R.T.: 5.613 min
Delta R.T.: -0.012 min
Response: 90398728
Conc: 23.78 ng/ml



#27 AR-1254-2

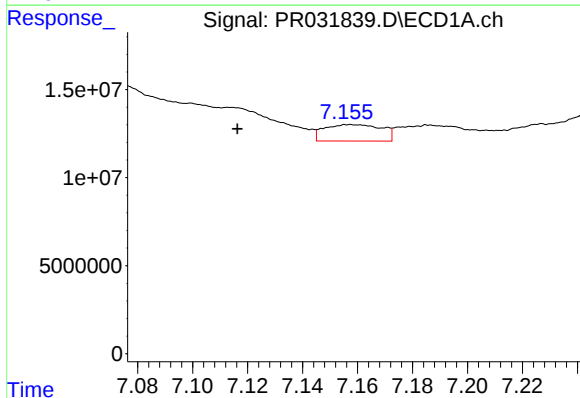
R.T.: 7.014 min
Delta R.T.: -0.017 min
Response: 20026120
Conc: 16.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



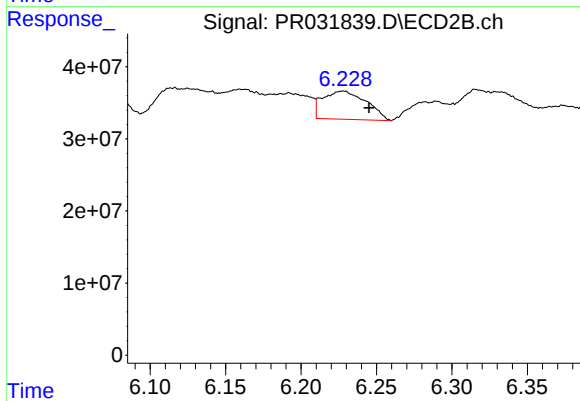
#27 AR-1254-2

R.T.: 5.947 min
Delta R.T.: 0.014 min
Response: 13870231
Conc: 4.70 ng/ml



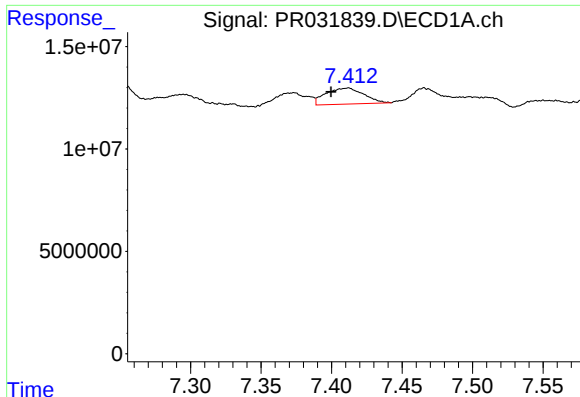
#28 AR-1254-3

R.T.: 7.157 min
Delta R.T.: 0.041 min
Response: 13567022
Conc: 6.19 ng/ml



#28 AR-1254-3

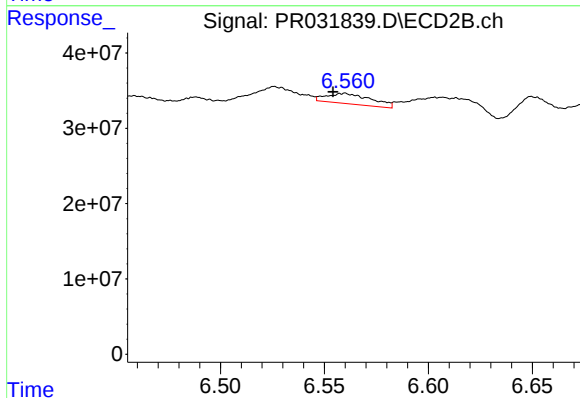
R.T.: 6.228 min
Delta R.T.: -0.017 min
Response: 78834248
Conc: 17.62 ng/ml



#29 AR-1254-4

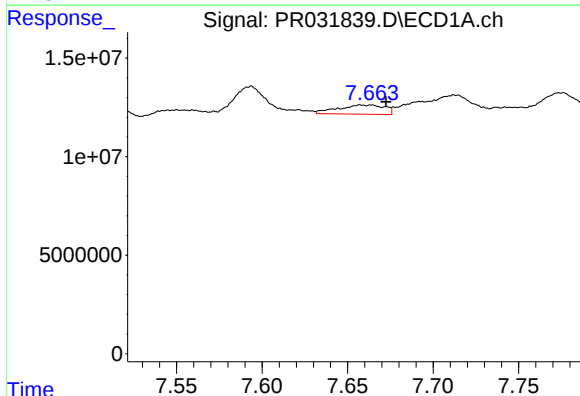
R.T.: 7.412 min
Delta R.T.: 0.012 min
Response: 14781781
Conc: 8.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



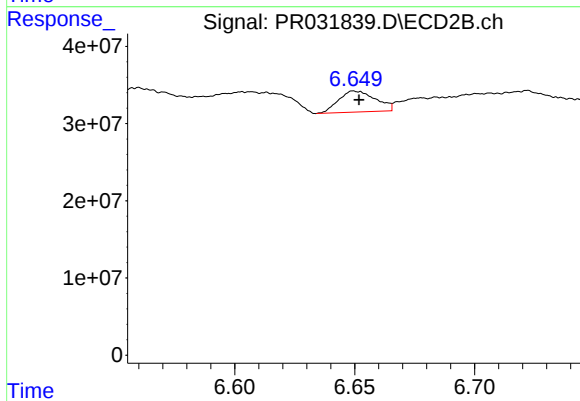
#29 AR-1254-4

R.T.: 6.560 min
Delta R.T.: 0.006 min
Response: 20620085
Conc: 9.71 ng/ml



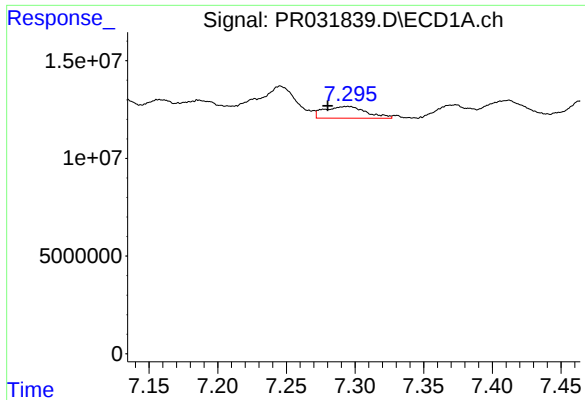
#30 AR-1254-5

R.T.: 7.658 min
Delta R.T.: -0.015 min
Response: 8843682
Conc: 6.81 ng/ml



#30 AR-1254-5

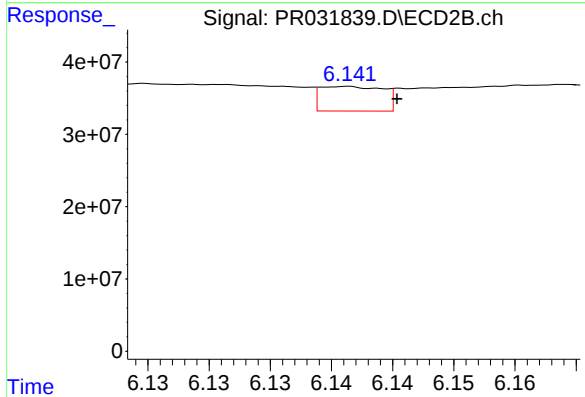
R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 29135213
Conc: 7.65 ng/ml



#31 AR-1260-1

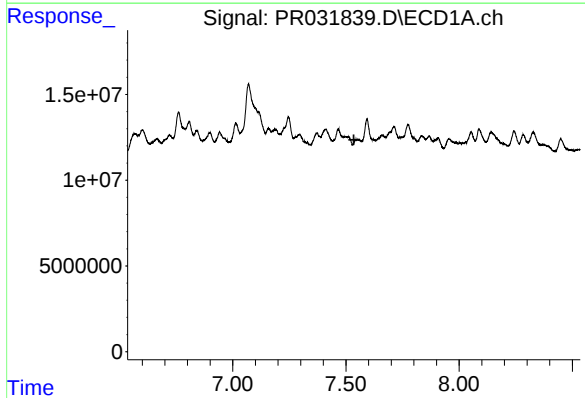
R.T.: 7.295 min
Delta R.T.: 0.015 min
Response: 12756107
Conc: 8.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



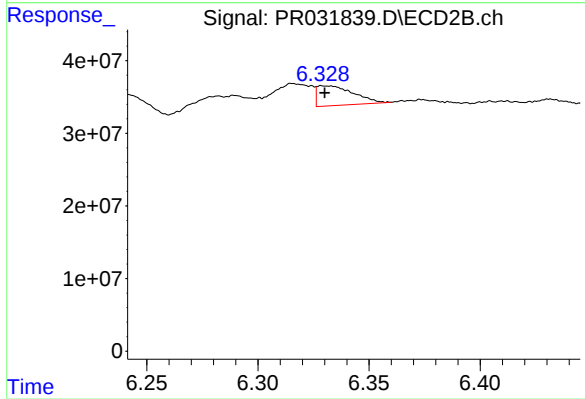
#31 AR-1260-1

R.T.: 6.141 min
Delta R.T.: -0.004 min
Response: 12185206
Conc: 3.30 ng/ml



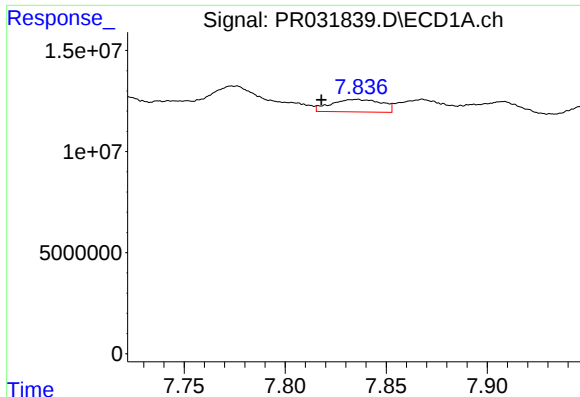
#32 AR-1260-2

R.T.: 7.550 min
Delta R.T.: 0.015 min
Response: -2415884
Conc: N.D.



#32 AR-1260-2

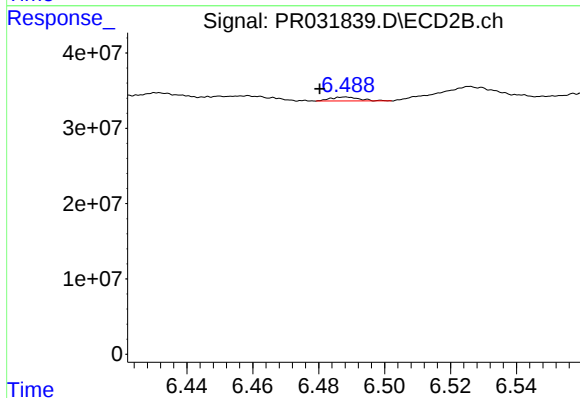
R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 30944590
Conc: 6.91 ng/ml



#33 AR-1260-3

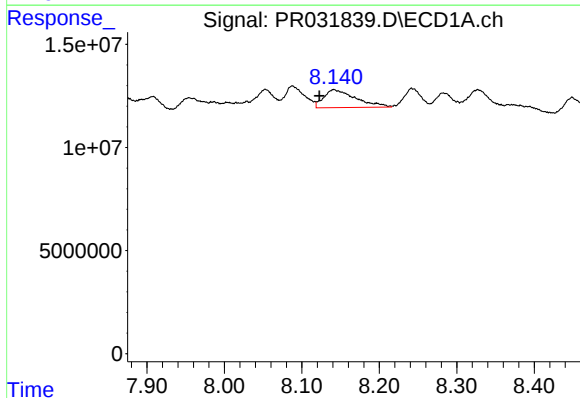
R.T.: 7.835 min
Delta R.T.: 0.017 min
Response: 10799432
Conc: 4.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



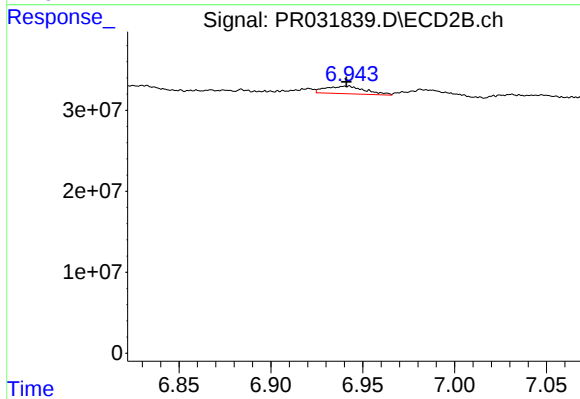
#33 AR-1260-3

R.T.: 6.488 min
Delta R.T.: 0.008 min
Response: 3215571
Conc: 0.91 ng/ml



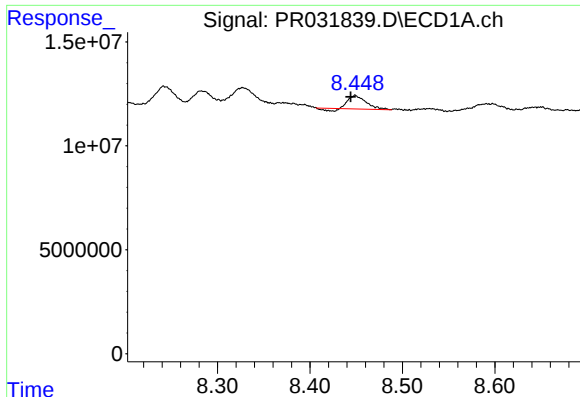
#34 AR-1260-4

R.T.: 8.141 min
Delta R.T.: 0.019 min
Response: 24795962
Conc: 14.87 ng/ml



#34 AR-1260-4

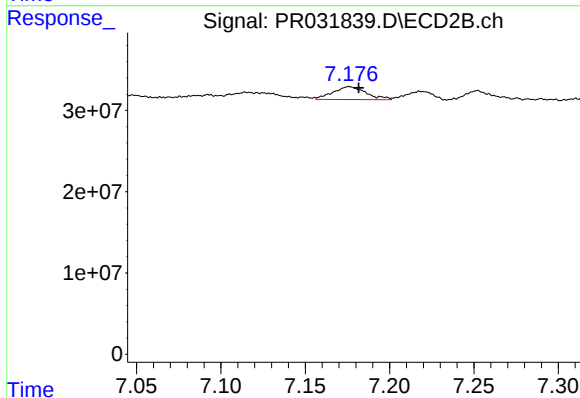
R.T.: 6.943 min
Delta R.T.: 0.002 min
Response: 13845498
Conc: 6.73 ng/ml



#35 AR-1260-5

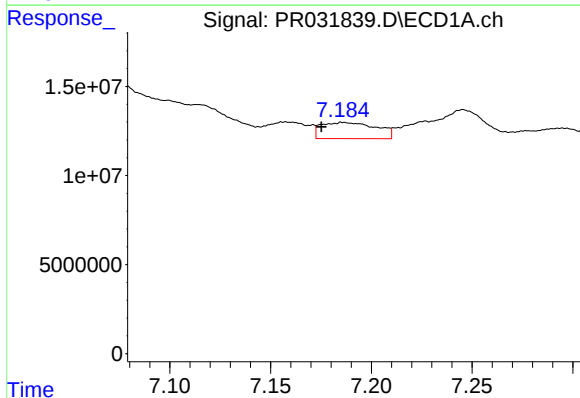
R.T.: 8.449 min
Delta R.T.: 0.005 min
Response: 8141735
Conc: 2.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



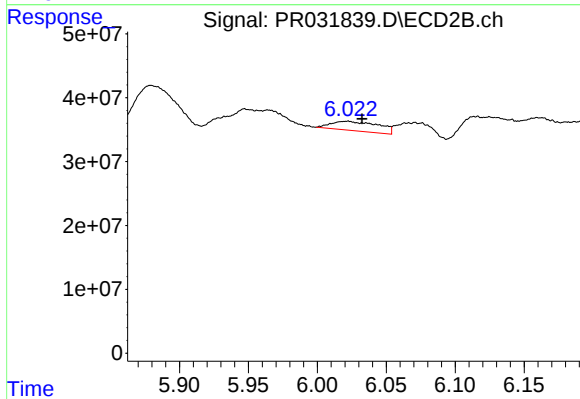
#35 AR-1260-5

R.T.: 7.176 min
Delta R.T.: -0.006 min
Response: 21623558
Conc: 4.95 ng/ml



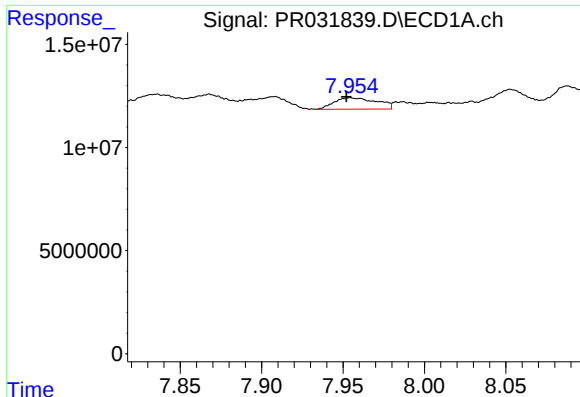
#36 AR-1262-1

R.T.: 7.186 min
Delta R.T.: 0.011 min
Response: 17310245
Conc: 20.45 ng/ml



#36 AR-1262-1

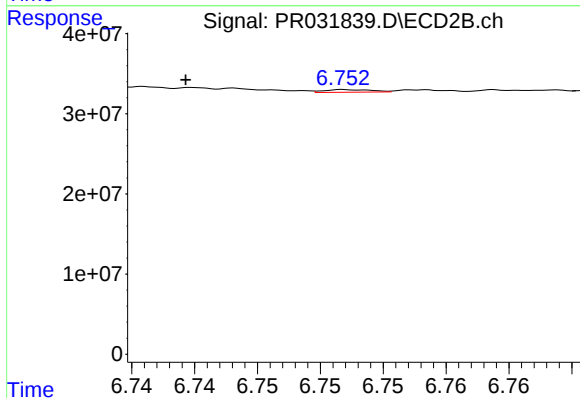
R.T.: 6.022 min
Delta R.T.: -0.010 min
Response: 35222760
Conc: 17.60 ng/ml



#37 AR-1262-2

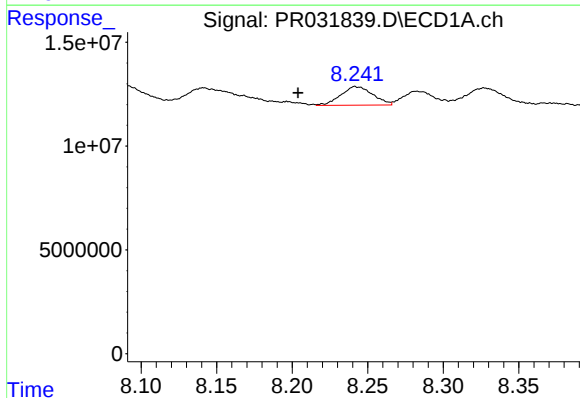
R.T.: 7.955 min
Delta R.T.: 0.002 min
Response: 9984589
Conc: 11.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



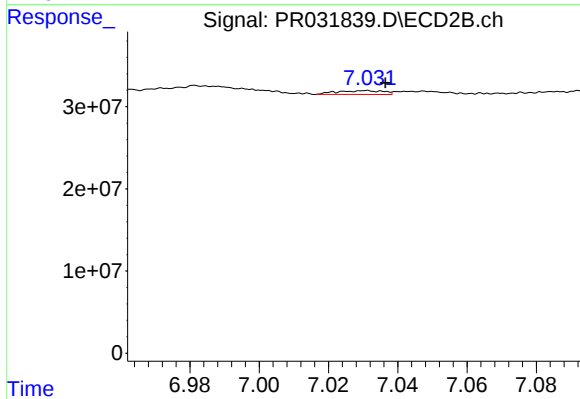
#37 AR-1262-2

R.T.: 6.752 min
Delta R.T.: 0.013 min
Response: 865326
Conc: 0.58 ng/ml



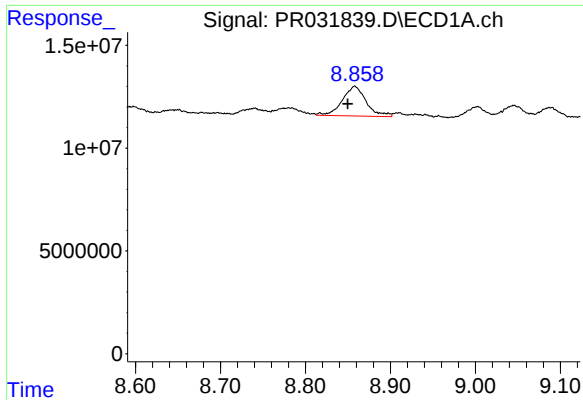
#38 AR-1262-3

R.T.: 8.242 min
Delta R.T.: 0.038 min
Response: 13228671
Conc: 17.57 ng/ml



#38 AR-1262-3

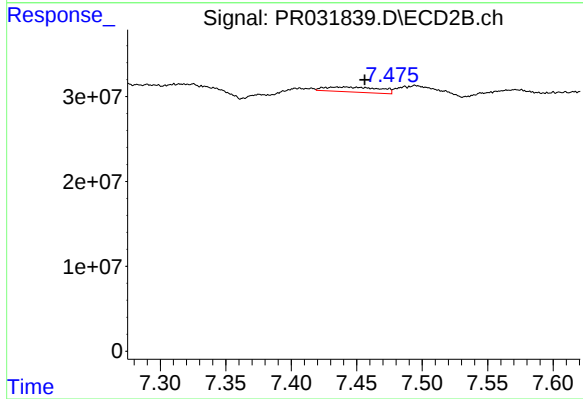
R.T.: 7.031 min
Delta R.T.: -0.005 min
Response: 4289263
Conc: 3.51 ng/ml



#39 AR-1262-4

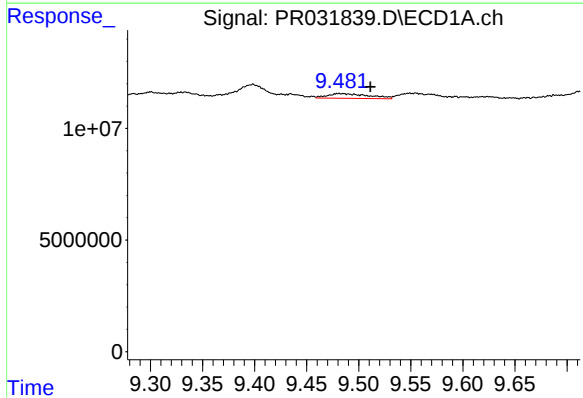
R.T.: 8.858 min
Delta R.T.: 0.008 min
Response: 28222578
Conc: 13.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



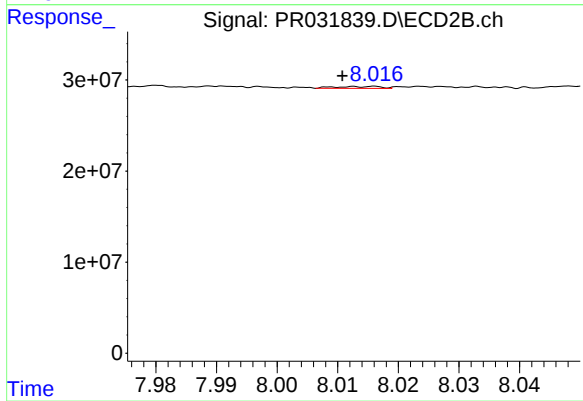
#39 AR-1262-4

R.T.: 7.435 min
Delta R.T.: -0.021 min
Response: 17007712
Conc: 10.16 ng/ml



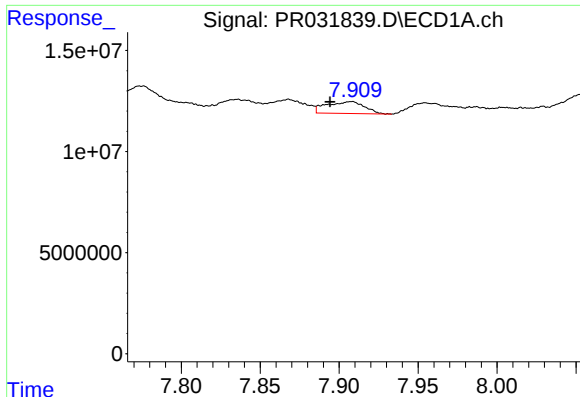
#40 AR-1262-5

R.T.: 9.481 min
Delta R.T.: -0.030 min
Response: 5892910
Conc: 3.86 ng/ml



#40 AR-1262-5

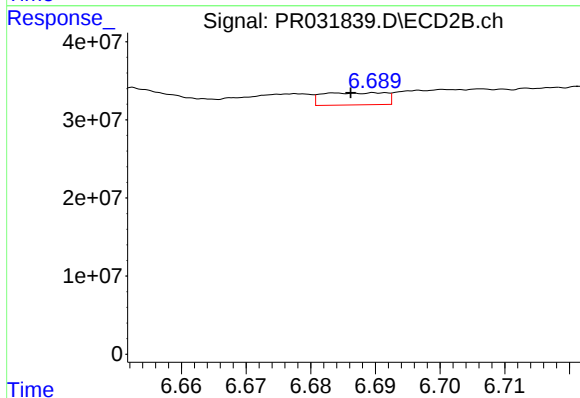
R.T.: 8.015 min
Delta R.T.: 0.004 min
Response: 1108870
Conc: 0.88 ng/ml



#41 AR-1268-1

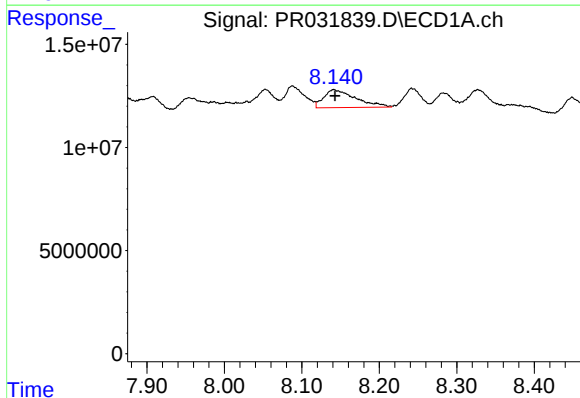
R.T.: 7.908 min
Delta R.T.: 0.013 min
Response: 9836244
Conc: 10.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



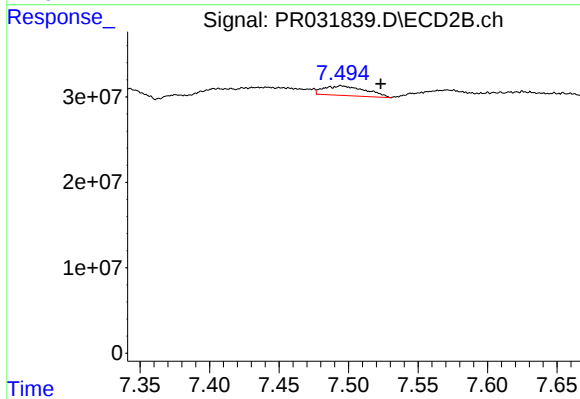
#41 AR-1268-1

R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 10422959
Conc: 6.39 ng/ml



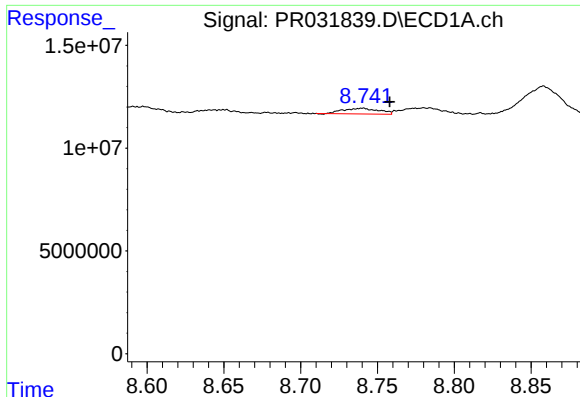
#42 AR-1268-2

R.T.: 8.141 min
Delta R.T.: -0.002 min
Response: 24795962
Conc: 19.73 ng/ml



#42 AR-1268-2

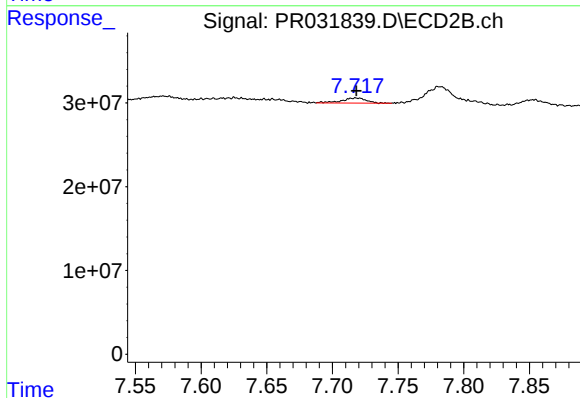
R.T.: 7.495 min
Delta R.T.: -0.028 min
Response: 23691247
Conc: 5.90 ng/ml



#43 AR-1268-3

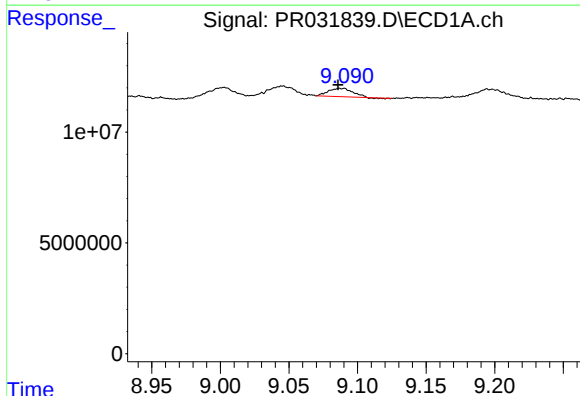
R.T.: 8.740 min
Delta R.T.: -0.018 min
Response: 4480101
Conc: 0.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



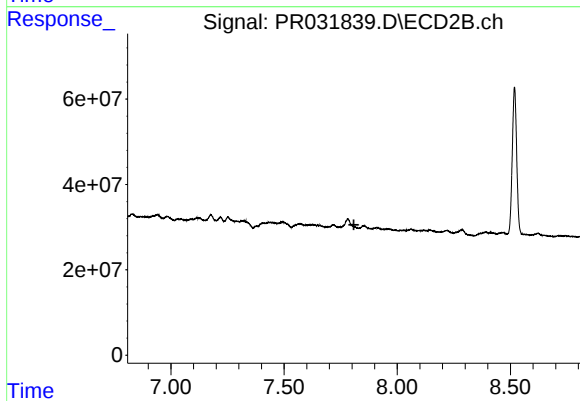
#43 AR-1268-3

R.T.: 7.718 min
Delta R.T.: 0.000 min
Response: 7806542
Conc: 2.27 ng/ml



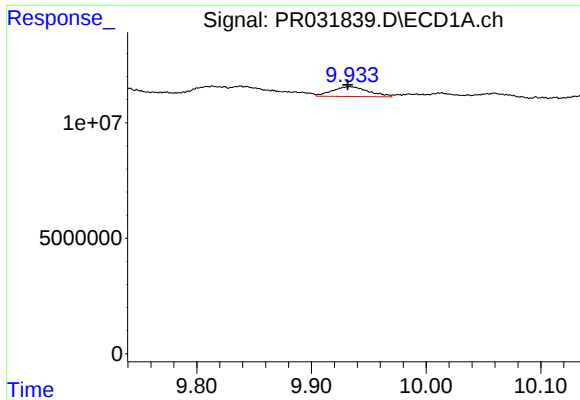
#44 AR-1268-4

R.T.: 9.088 min
Delta R.T.: 0.002 min
Response: 4483142
Conc: 1.02 ng/ml



#44 AR-1268-4

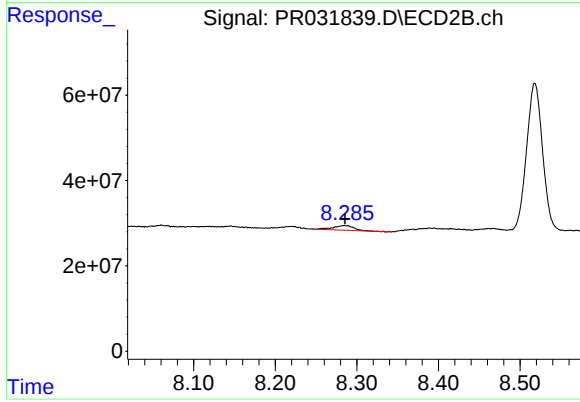
R.T.: 7.782 min
Delta R.T.: -0.027 min
Response: -843528
Conc: N.D.



#45 AR-1268-5

R.T.: 9.934 min
Delta R.T.: 0.002 min
Response: 9246527
Conc: 0.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 19802225
Conc: 2.08 ng/ml