

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071018\
 Data File : PR030122.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2018 23:18
 Operator : MA/SM
 Sample : AR1232 LOD
 Misc : 25PPB LOD WATER ECD_R
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 03:27:05 2018
 Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 10 01:27:38 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...	4.561	3.708	258.4E6	403.1E6	16.455	15.198
2) SA Decachlor...	10.324	8.624	395.5E6	329.3E6	13.713	14.602
Target Compounds						
3) L1 AR-1016-1	0.000	4.558	0	303.2E6	N.D.	338.161 #
4) L1 AR-1016-2	5.740	4.968	10111123	212.4E6	17.682	215.700 #
5) L1 AR-1016-3	0.000	5.040	0	177.4E6	N.D.	179.843 #
6) L1 AR-1016-4	0.000	5.213	0	390.5E6	N.D.	339.623 #
7) L1 AR-1016-5	0.000	5.557	0	151.9E6	N.D.	132.062 #
8) L2 AR-1221-1	0.000	3.915	0	21787746	N.D.	59.914 #
9) L2 AR-1221-2	0.000	4.004	0	79697295	N.D.	262.746 #
10) L2 AR-1221-3	4.926	4.076	7298916	64458254	14.100	67.825 #
11) L3 AR-1232-1	4.926	4.076	7298916	64458254	25.599	115.514 #
12) L3 AR-1232-2	0.000	4.968	0	212.4E6	N.D.	511.271 #
13) L3 AR-1232-3	5.740	5.002	10111123	204.7E6	41.424	649.409 #
14) L3 AR-1232-4	0.000	5.557	0	151.9E6	N.D.	275.059 #
15) L3 AR-1232-5	0.000	5.598	0	309.4E6	N.D.	526.377 #
16) L4 AR-1242-1	0.000	4.558	0	303.2E6	N.D.	398.237 #
17) L4 AR-1242-2	5.719	4.788	6976223	163.1E6	12.504	91.932 #
18) L4 AR-1242-3	5.740	4.845	10111123	202.3E6	20.282	172.786 #
19) L4 AR-1242-4	0.000	5.040	0	177.4E6	N.D.	197.370 #
20) L4 AR-1242-5	0.000	5.213	0	390.5E6	N.D.	377.306 #
21) L5 AR-1248-1	0.000	5.002	0	204.7E6	N.D.	191.474 #
22) L5 AR-1248-2	0.000	5.040	0	177.4E6	N.D.	158.667 #
23) L5 AR-1248-3	6.569	5.213	136.2E6	390.5E6	237.065	278.302
24) L5 AR-1248-4	6.634	5.557	67555700	151.9E6	90.661	73.185
25) L5 AR-1248-5	6.794	5.598	35496492	309.4E6	46.220	204.722 #
26) L6 AR-1254-1	0.000	5.002	0	204.7E6	N.D.	251.916 #
27) L6 AR-1254-2	6.794	5.698	35496492	266.2E6	29.207	134.031 #
28) L6 AR-1254-3	7.155	6.097	26070401	86426127	19.192	28.948 #
29) L6 AR-1254-4	7.435	6.321	-7988353	100.7E6	N.D.	42.989 #
30) L6 AR-1254-5	0.000	6.725	0	108.2E6	N.D.	45.925 #
31) L7 AR-1260-1	0.000	6.219	0	269.0E6	N.D.	129.836 #
32) L7 AR-1260-2	0.000	6.413	0	201.4E6	N.D.	79.948 #
33) L7 AR-1260-3	0.000	6.776	0	78169222	N.D.	41.754 #
34) L7 AR-1260-4	0.000	7.026	0	32500234	N.D.	22.416 #
35) L7 AR-1260-5	0.000	7.262	0	36837012	N.D.	11.208 #
36) L8 AR-1262-1	0.000	6.219	0	269.0E6	N.D.	155.401 #
37) L8 AR-1262-2	0.000	6.413	0	201.4E6	N.D.	94.264 #
38) L8 AR-1262-3	0.000	6.776	0	78169222	N.D.	31.214 #
39) L8 AR-1262-4	0.000	7.026	0	32500234	N.D.	16.747 #
40) L8 AR-1262-5	0.000	7.262	0	36837012	N.D.	10.139 #
41) L9 AR-1268-1	0.000	7.536	0	7016177	N.D.	2.204 #

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 Misc : 25PPB LOD WATER ECD_R
 ALS Vial : 24 Sample Multiplier: 1

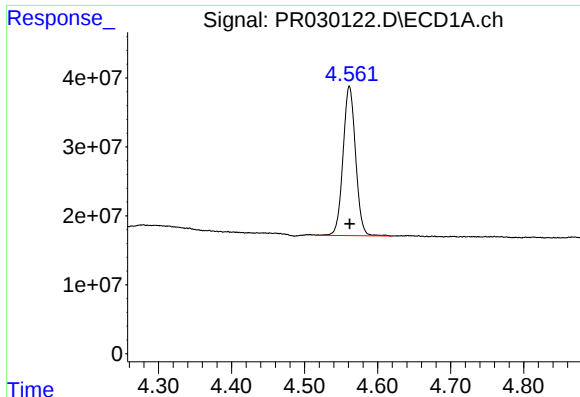
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 03:27:05 2018
 Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071018.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	7.572	0	11677027	N.D.	4.023 #
43) L9	AR-1268-3	0.000	7.804	0	24155757	N.D.	10.314 #
44) L9	AR-1268-4	0.000	8.079	0	28112165	N.D.	25.324 #
45) L9	AR-1268-5	0.000	8.377	0	8906870	N.D.	1.420 #

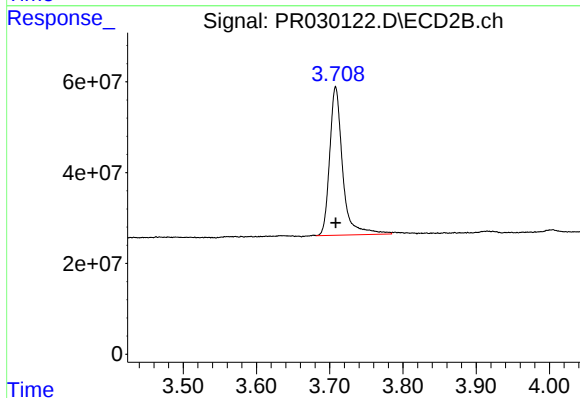
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

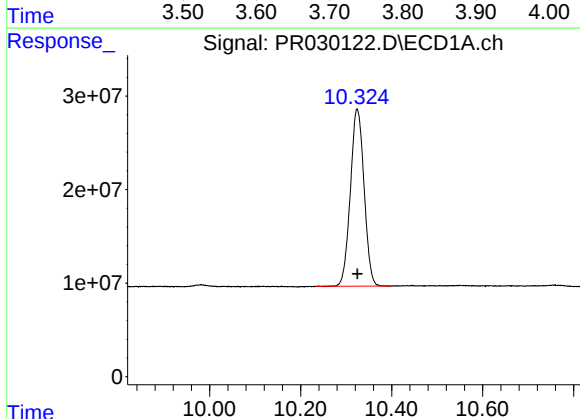
R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 258355206
Conc: 16.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



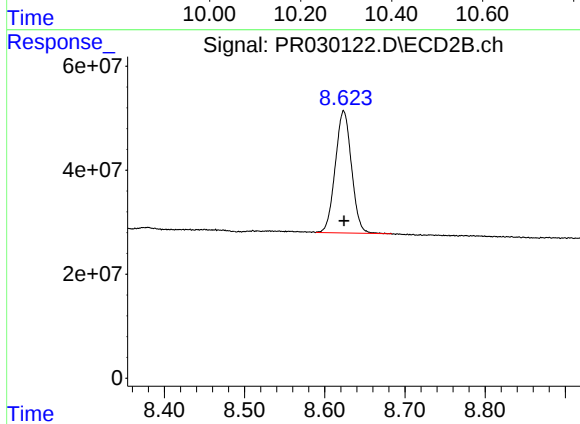
#1 Tetrachloro-m-xylene

R.T.: 3.708 min
Delta R.T.: 0.000 min
Response: 403067785
Conc: 15.20 ng/ml



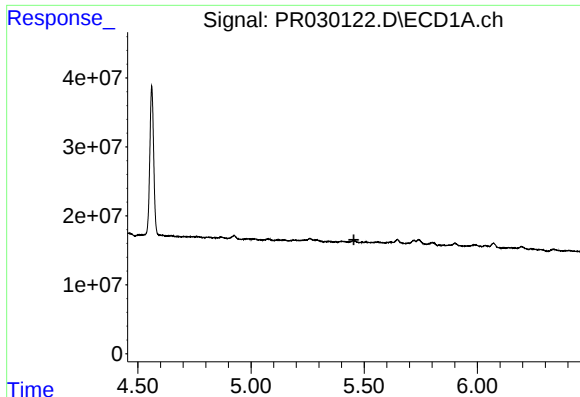
#2 Decachlorobiphenyl

R.T.: 10.324 min
Delta R.T.: 0.000 min
Response: 395501024
Conc: 13.71 ng/ml



#2 Decachlorobiphenyl

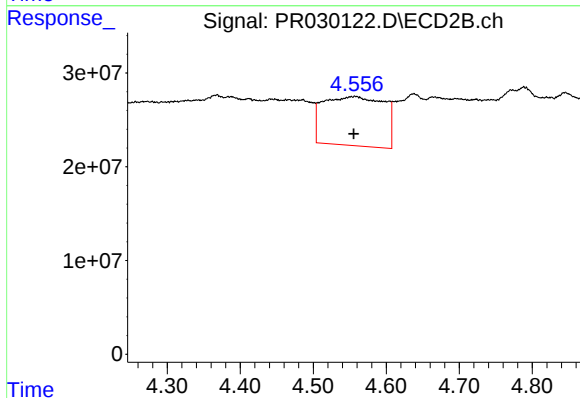
R.T.: 8.624 min
Delta R.T.: 0.000 min
Response: 329275118
Conc: 14.60 ng/ml



#3 AR-1016-1

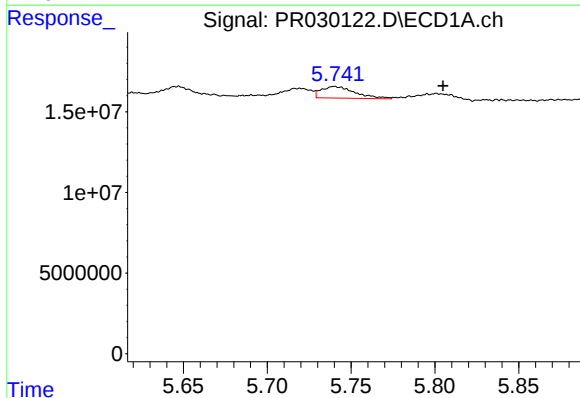
R.T.: 0.000 min
Exp R.T.: 5.454 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



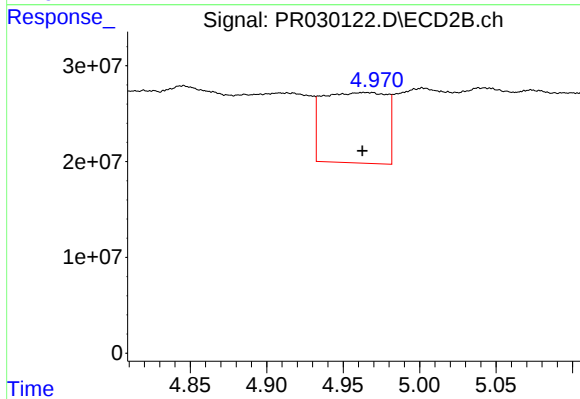
#3 AR-1016-1

R.T.: 4.558 min
Delta R.T.: 0.002 min
Response: 303199202
Conc: 338.16 ng/ml



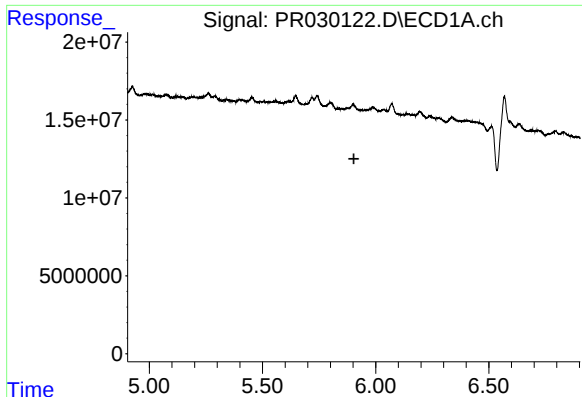
#4 AR-1016-2

R.T.: 5.740 min
Delta R.T.: -0.065 min
Response: 10111123
Conc: 17.68 ng/ml



#4 AR-1016-2

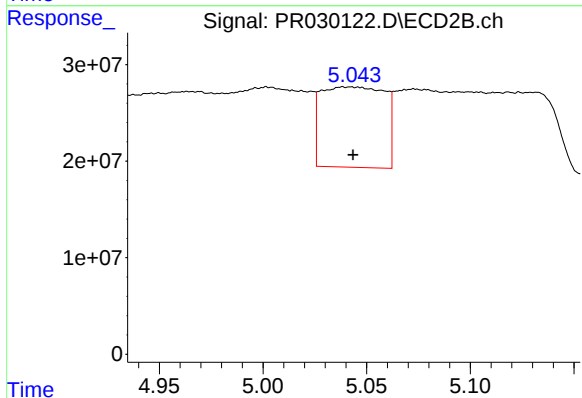
R.T.: 4.968 min
Delta R.T.: 0.006 min
Response: 212443750
Conc: 215.70 ng/ml



#5 AR-1016-3

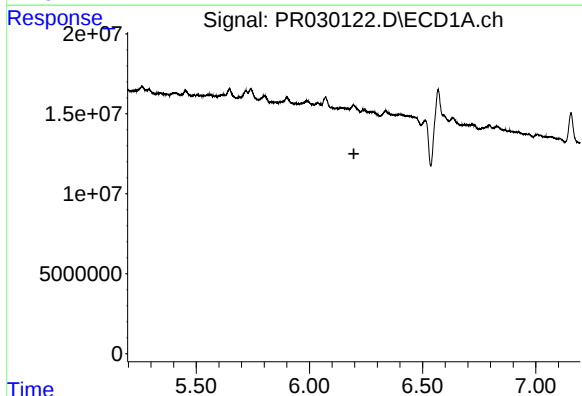
R.T.: 0.000 min
Exp R.T.: 5.904 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



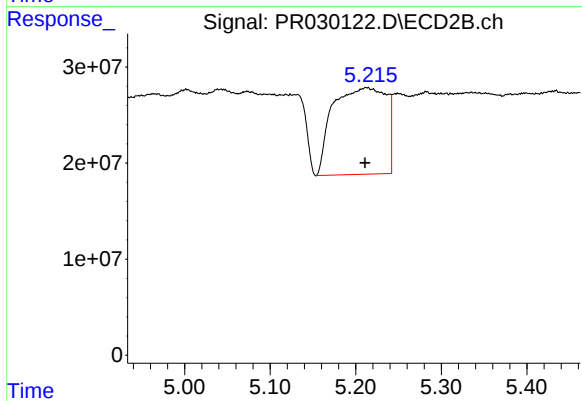
#5 AR-1016-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 177383416
Conc: 179.84 ng/ml



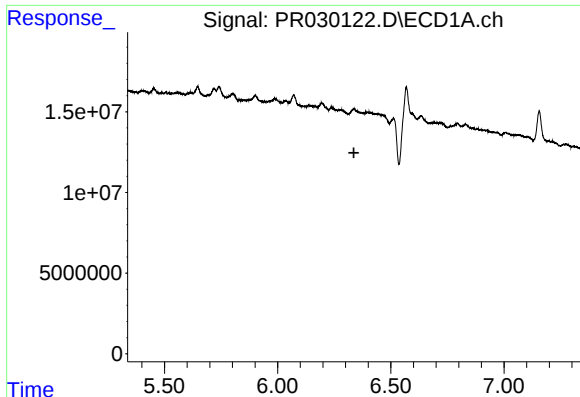
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.197 min
Response: 0
Conc: N.D.



#6 AR-1016-4

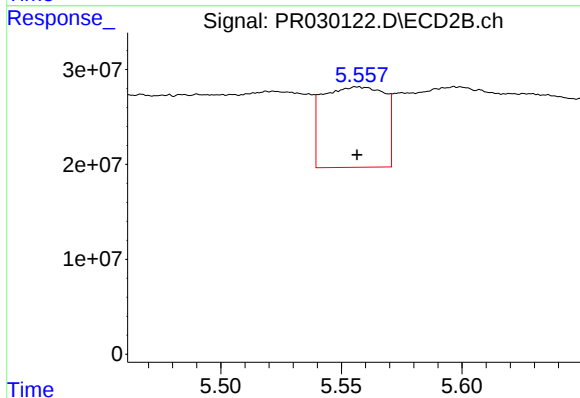
R.T.: 5.213 min
Delta R.T.: 0.002 min
Response: 390465394
Conc: 339.62 ng/ml



#7 AR-1016-5

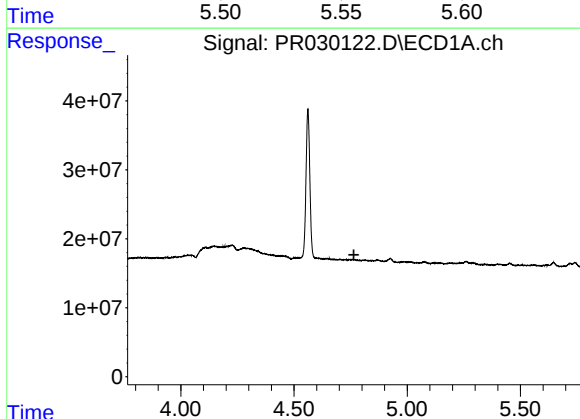
R.T.: 0.000 min
Exp R.T.: 6.337 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



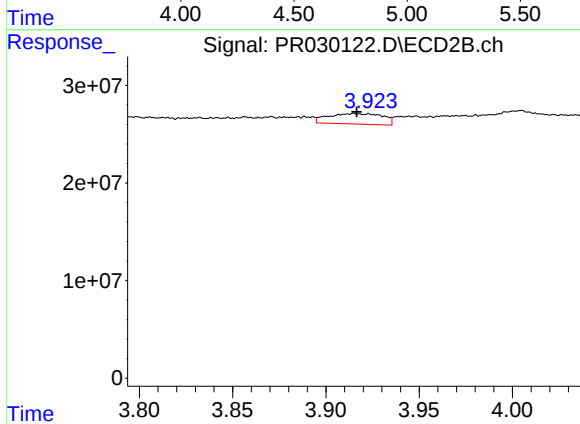
#7 AR-1016-5

R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 151851679
Conc: 132.06 ng/ml



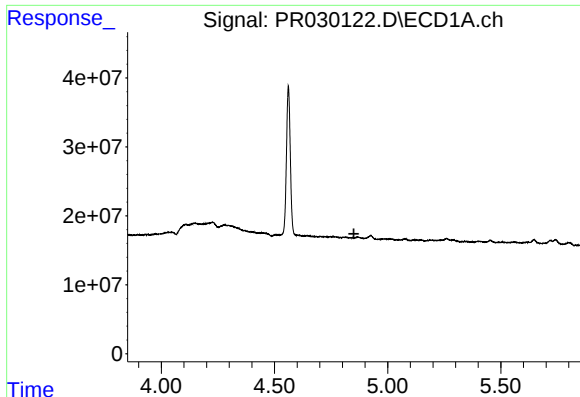
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.765 min
Response: 0
Conc: N.D.



#8 AR-1221-1

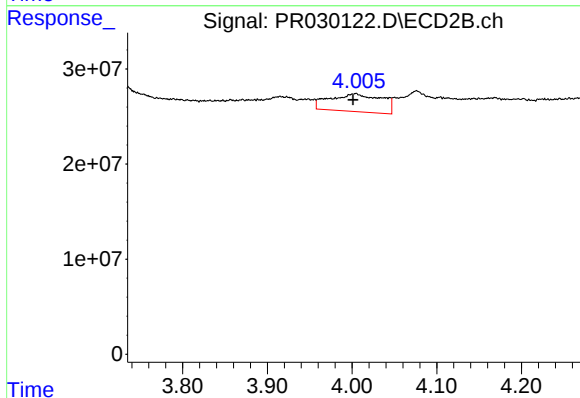
R.T.: 3.915 min
Delta R.T.: -0.001 min
Response: 21787746
Conc: 59.91 ng/ml



#9 AR-1221-2

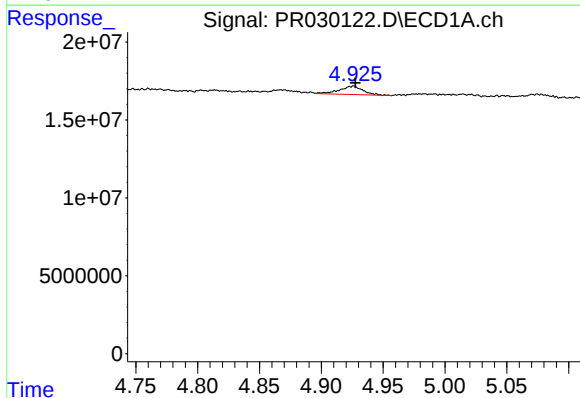
R.T.: 0.000 min
Exp R.T.: 4.851 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



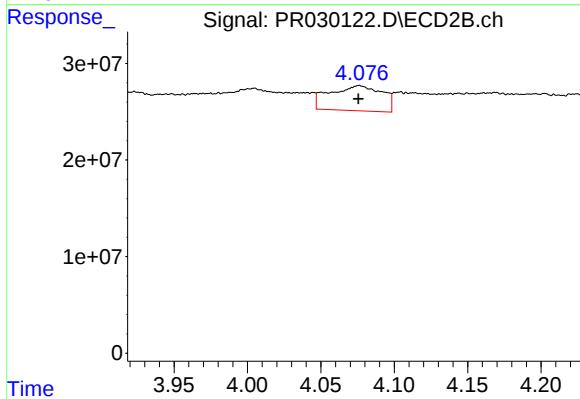
#9 AR-1221-2

R.T.: 4.004 min
Delta R.T.: 0.003 min
Response: 79697295
Conc: 262.75 ng/ml



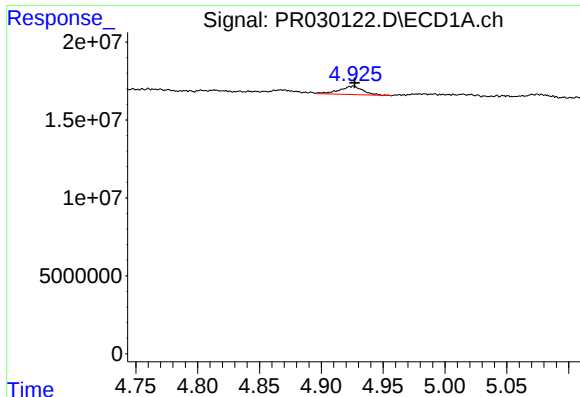
#10 AR-1221-3

R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 7298916
Conc: 14.10 ng/ml



#10 AR-1221-3

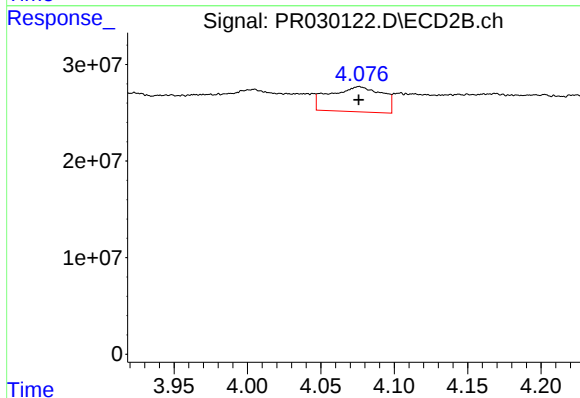
R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 64458254
Conc: 67.82 ng/ml



#11 AR-1232-1

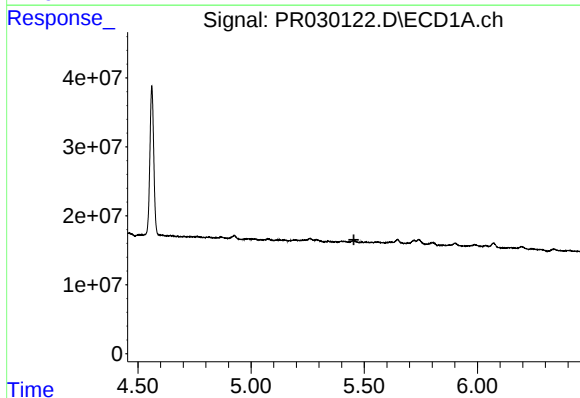
R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 7298916
Conc: 25.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



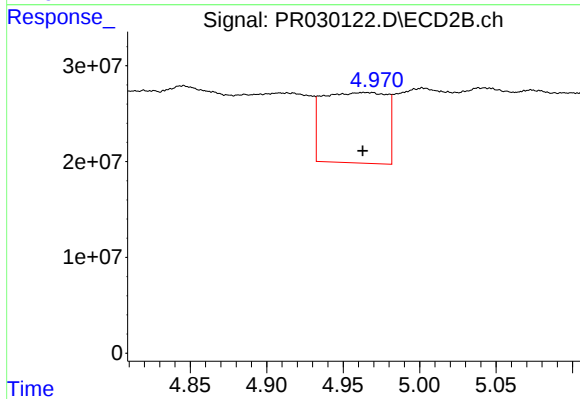
#11 AR-1232-1

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 64458254
Conc: 115.51 ng/ml



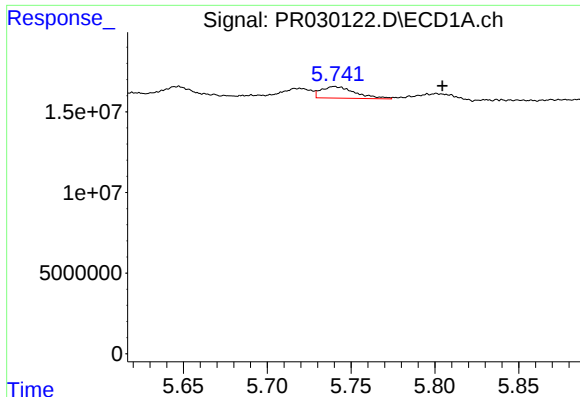
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.454 min
Response: 0
Conc: N.D.



#12 AR-1232-2

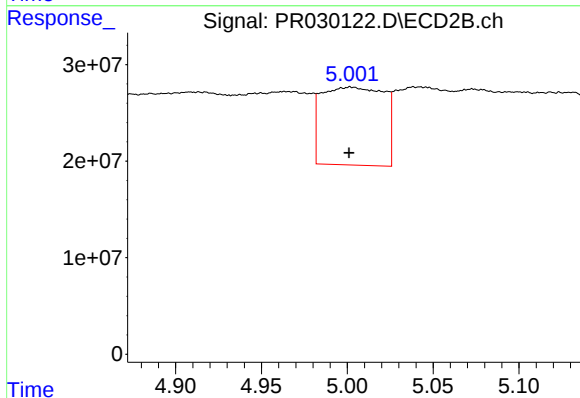
R.T.: 4.968 min
Delta R.T.: 0.006 min
Response: 212443750
Conc: 511.27 ng/ml



#13 AR-1232-3

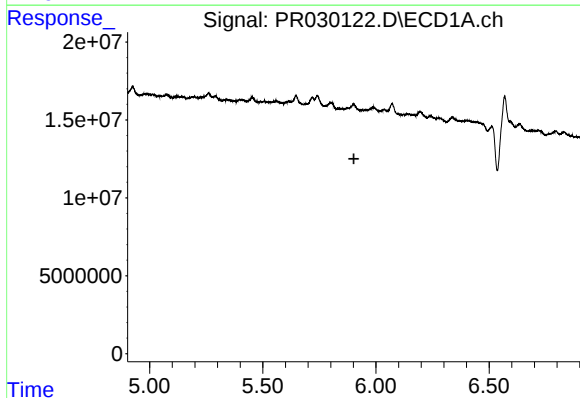
R.T.: 5.740 min
Delta R.T.: -0.065 min
Response: 10111123
Conc: 41.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



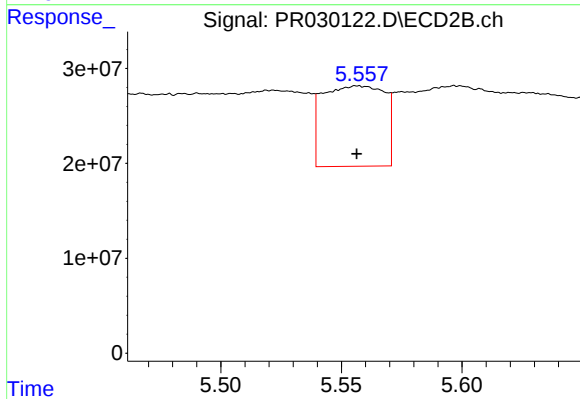
#13 AR-1232-3

R.T.: 5.002 min
Delta R.T.: 0.001 min
Response: 204701543
Conc: 649.41 ng/ml



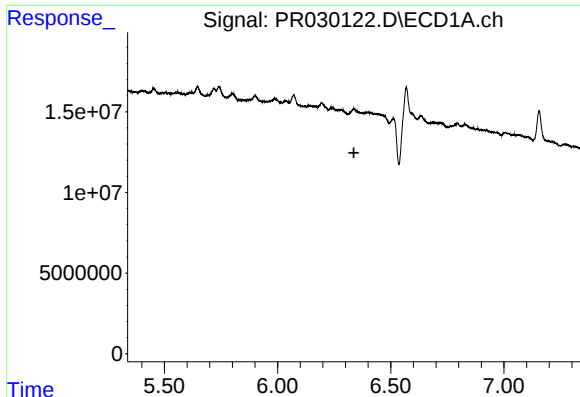
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.902 min
Response: 0
Conc: N.D.



#14 AR-1232-4

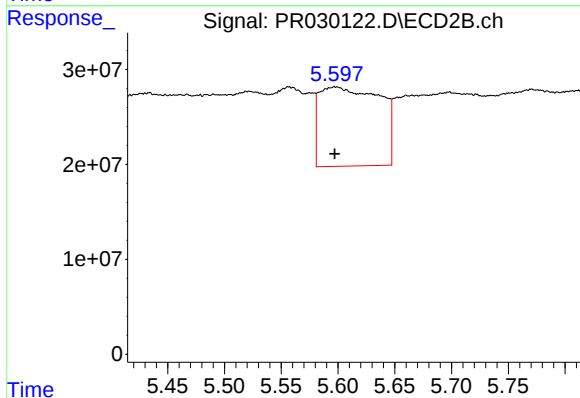
R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 151851679
Conc: 275.06 ng/ml



#15 AR-1232-5

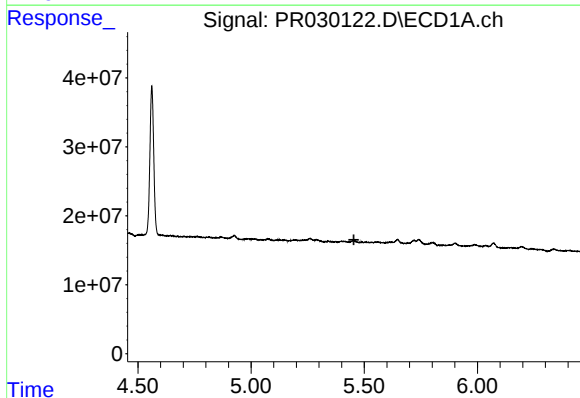
R.T.: 0.000 min
Exp R.T.: 6.337 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



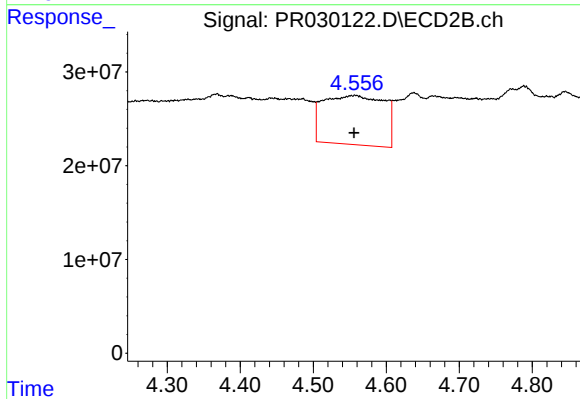
#15 AR-1232-5

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 309411896
Conc: 526.38 ng/ml



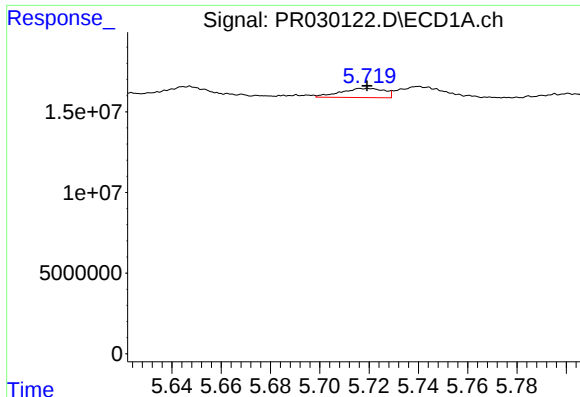
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.454 min
Response: 0
Conc: N.D.



#16 AR-1242-1

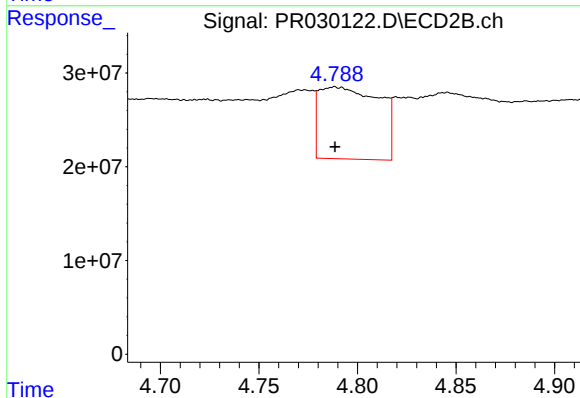
R.T.: 4.558 min
Delta R.T.: 0.002 min
Response: 303199202
Conc: 398.24 ng/ml



#17 AR-1242-2

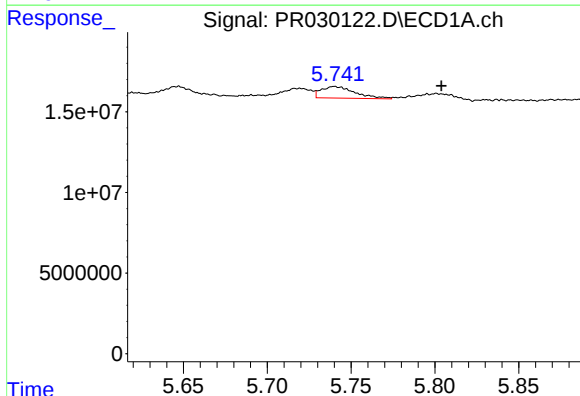
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 6976223
Conc: 12.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



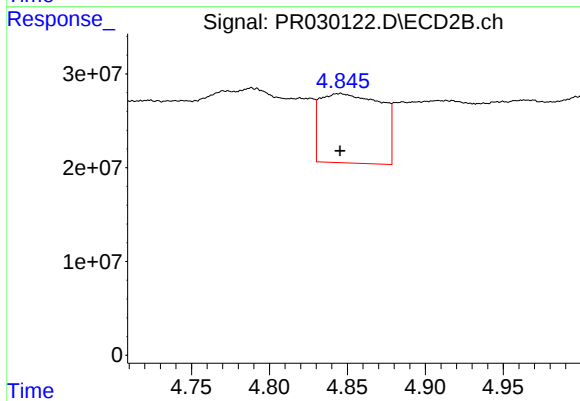
#17 AR-1242-2

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 163132694
Conc: 91.93 ng/ml



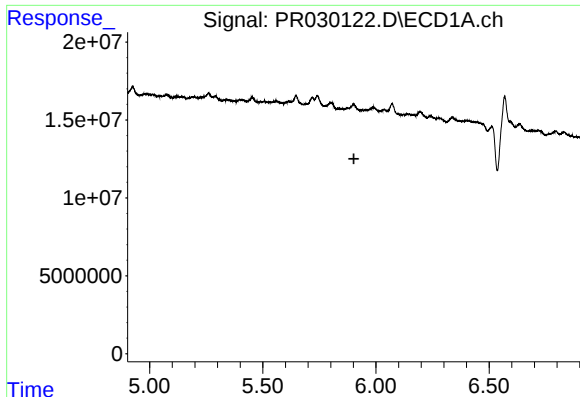
#18 AR-1242-3

R.T.: 5.740 min
Delta R.T.: -0.064 min
Response: 10111123
Conc: 20.28 ng/ml



#18 AR-1242-3

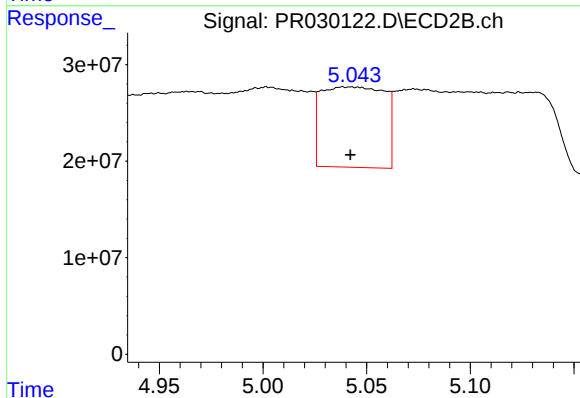
R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 202262017
Conc: 172.79 ng/ml



#19 AR-1242-4

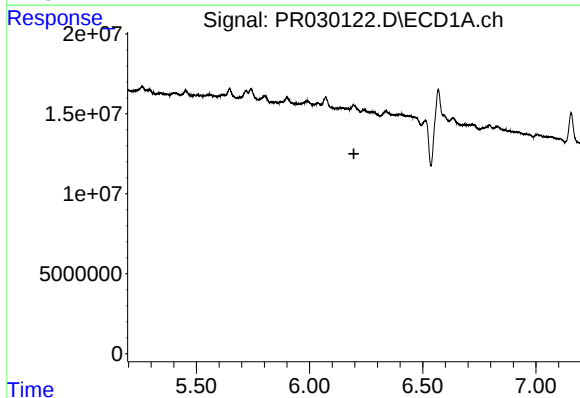
R.T.: 0.000 min
Exp R.T.: 5.902 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



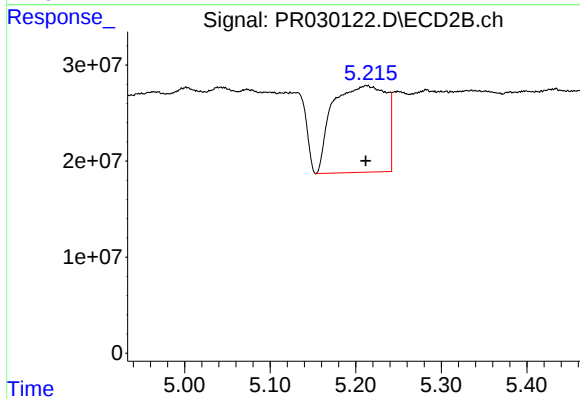
#19 AR-1242-4

R.T.: 5.040 min
Delta R.T.: -0.002 min
Response: 177383416
Conc: 197.37 ng/ml



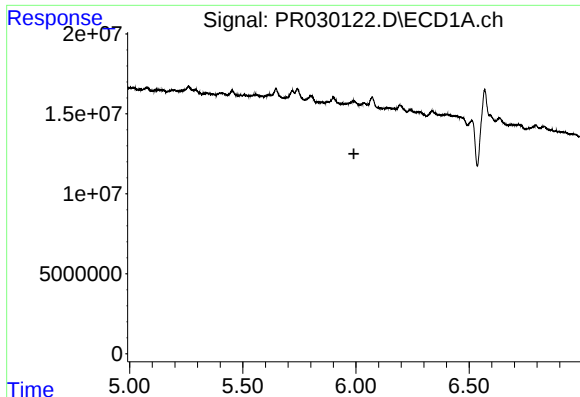
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.



#20 AR-1242-5

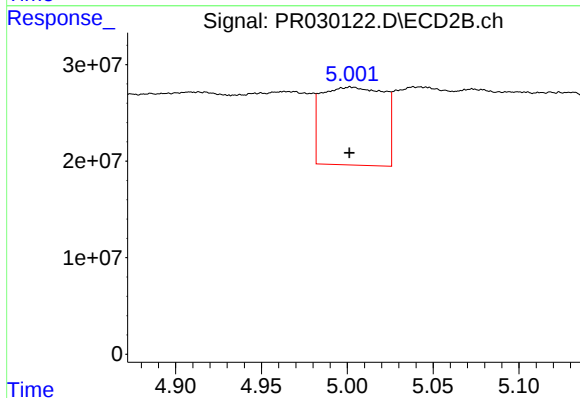
R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 390465394
Conc: 377.31 ng/ml



#21 AR-1248-1

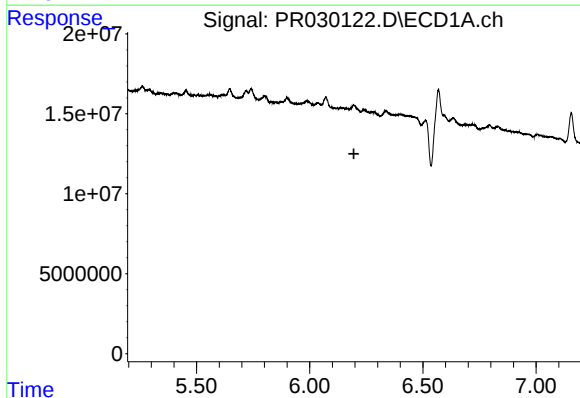
R.T.: 0.000 min
Exp R.T.: 5.991 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



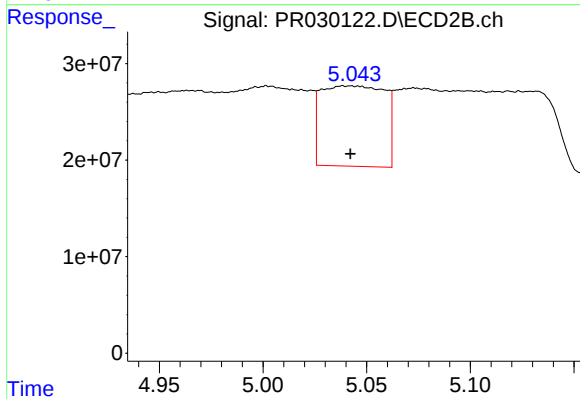
#21 AR-1248-1

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 204701543
Conc: 191.47 ng/ml



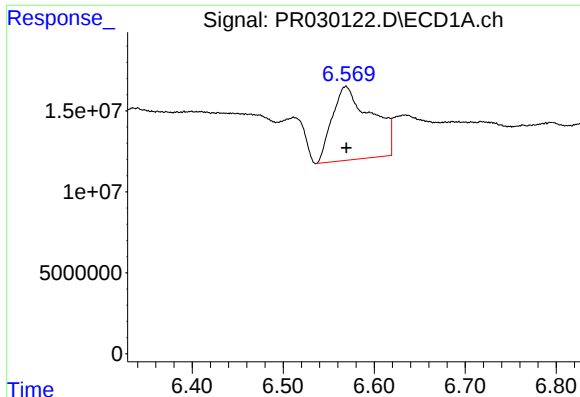
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.195 min
Response: 0
Conc: N.D.



#22 AR-1248-2

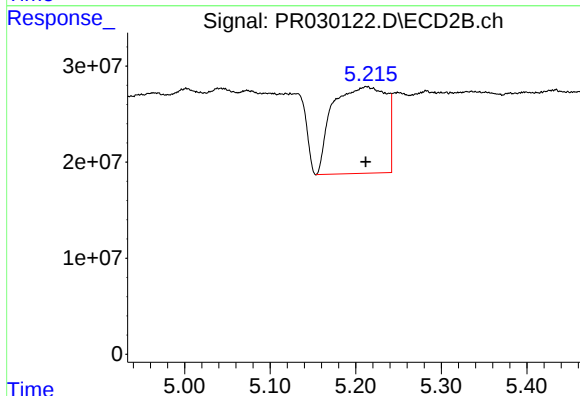
R.T.: 5.040 min
Delta R.T.: -0.002 min
Response: 177383416
Conc: 158.67 ng/ml



#23 AR-1248-3

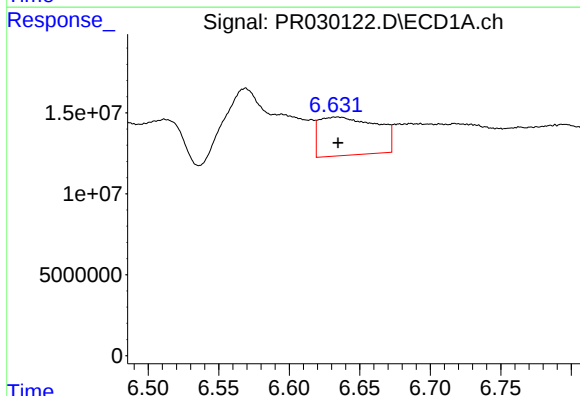
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 136239356
Conc: 237.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



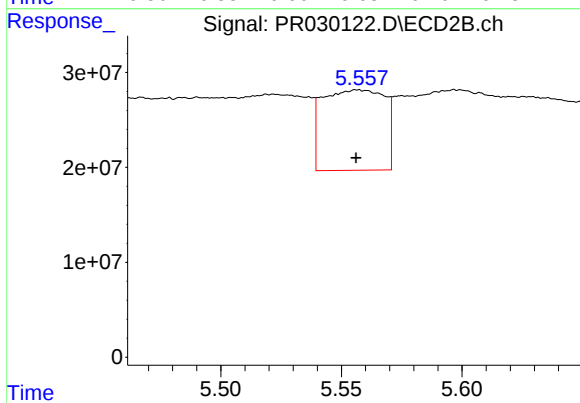
#23 AR-1248-3

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 390465394
Conc: 278.30 ng/ml



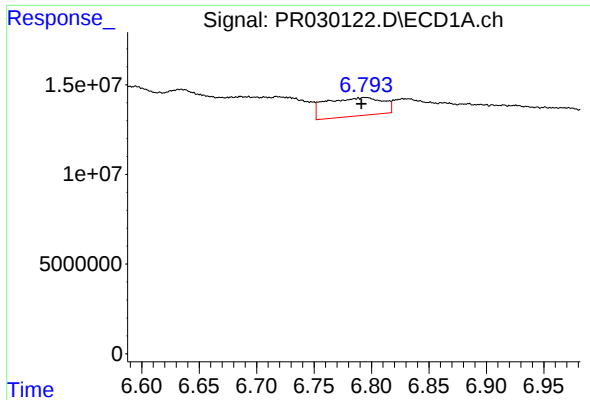
#24 AR-1248-4

R.T.: 6.634 min
Delta R.T.: 0.000 min
Response: 67555700
Conc: 90.66 ng/ml



#24 AR-1248-4

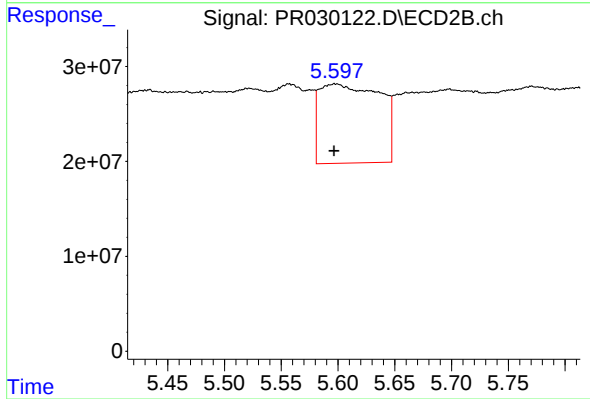
R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 151851679
Conc: 73.19 ng/ml



#25 AR-1248-5

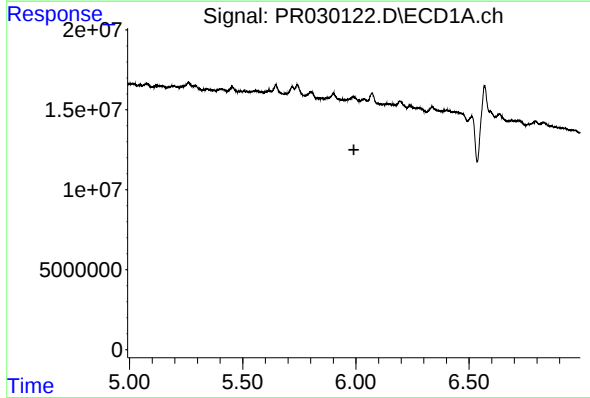
R.T.: 6.794 min
Delta R.T.: 0.003 min
Response: 35496492
Conc: 46.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



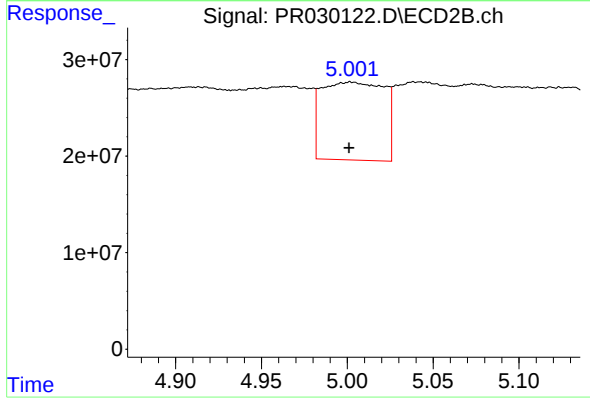
#25 AR-1248-5

R.T.: 5.598 min
Delta R.T.: 0.001 min
Response: 309411896
Conc: 204.72 ng/ml



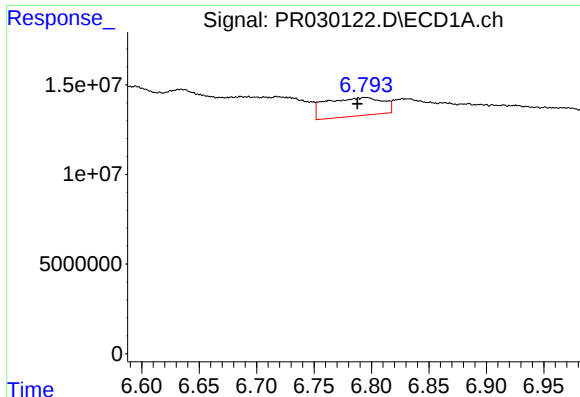
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.991 min
Response: 0
Conc: N.D.



#26 AR-1254-1

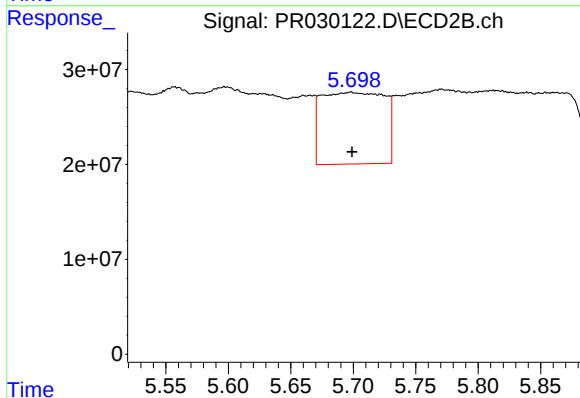
R.T.: 5.002 min
Delta R.T.: 0.001 min
Response: 204701543
Conc: 251.92 ng/ml



#27 AR-1254-2

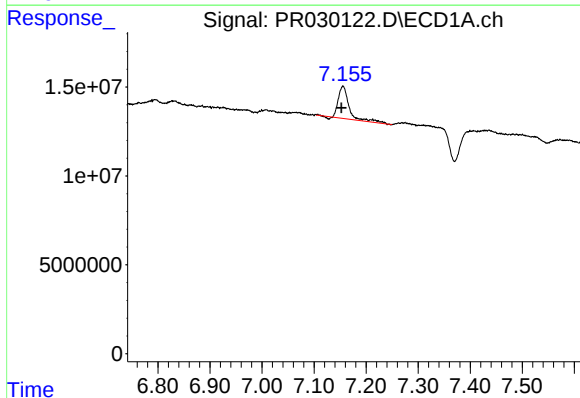
R.T.: 6.794 min
Delta R.T.: 0.007 min
Response: 35496492
Conc: 29.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



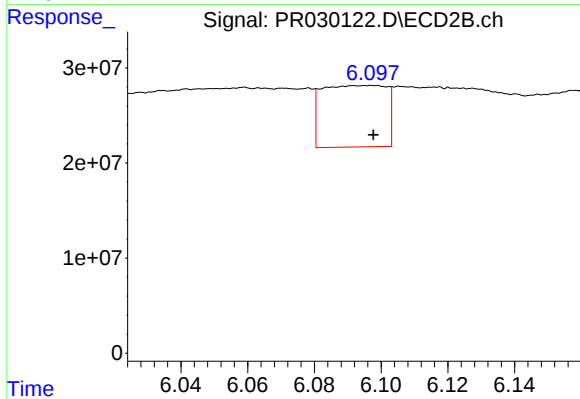
#27 AR-1254-2

R.T.: 5.698 min
Delta R.T.: -0.001 min
Response: 266232079
Conc: 134.03 ng/ml



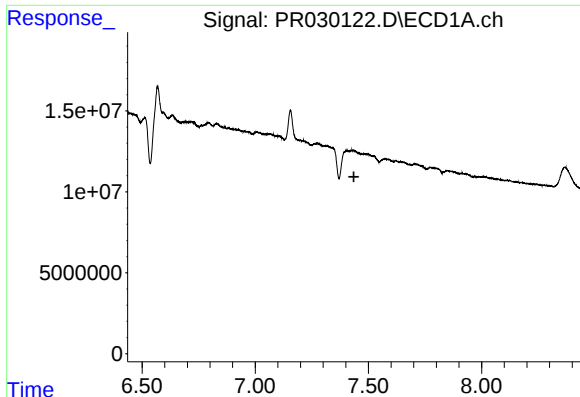
#28 AR-1254-3

R.T.: 7.155 min
Delta R.T.: 0.003 min
Response: 26070401
Conc: 19.19 ng/ml



#28 AR-1254-3

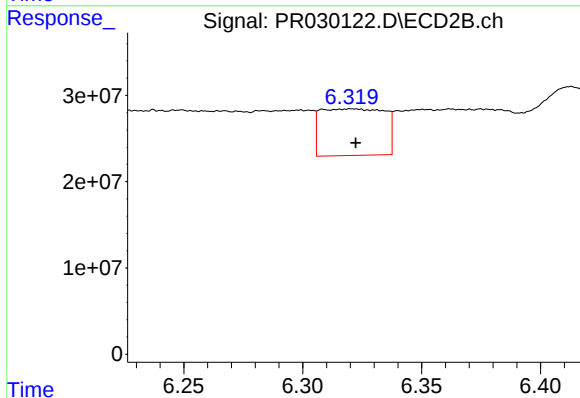
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 86426127
Conc: 28.95 ng/ml



#29 AR-1254-4

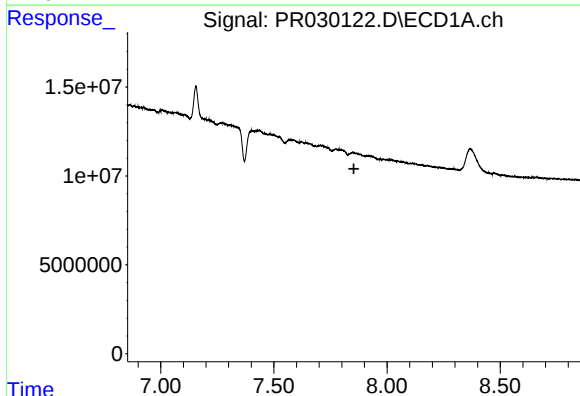
R.T.: 7.435 min
Delta R.T.: 0.000 min
Response: -7988353
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



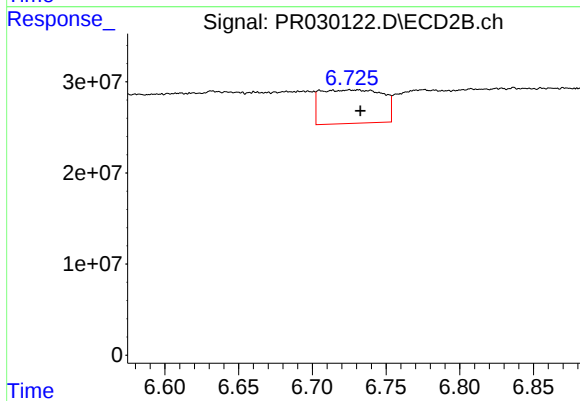
#29 AR-1254-4

R.T.: 6.321 min
Delta R.T.: -0.001 min
Response: 100712151
Conc: 42.99 ng/ml



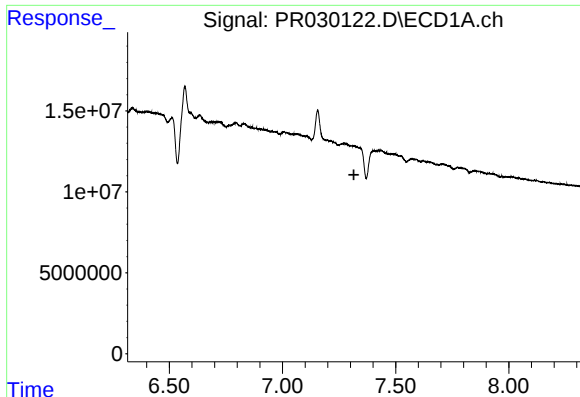
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.854 min
Response: 0
Conc: N.D.



#30 AR-1254-5

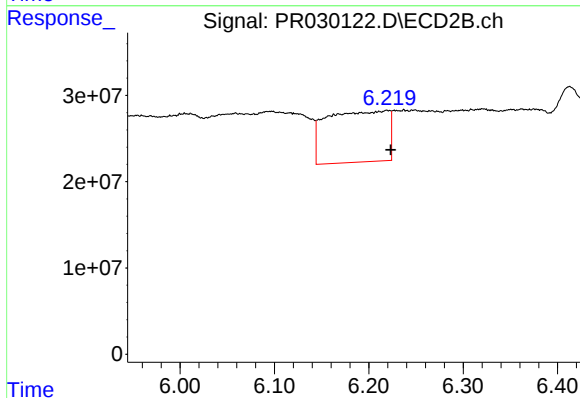
R.T.: 6.725 min
Delta R.T.: -0.007 min
Response: 108186688
Conc: 45.93 ng/ml



#31 AR-1260-1

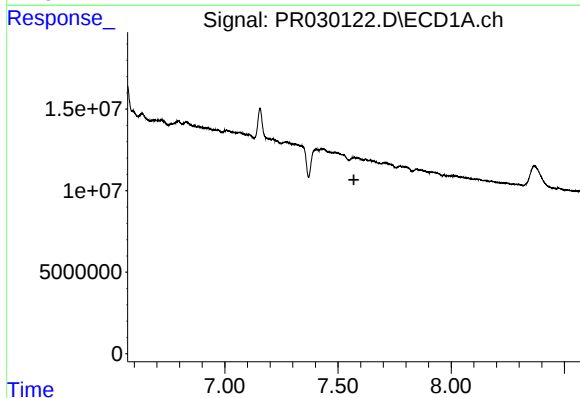
R.T.: 0.000 min
Exp R.T.: 7.316 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



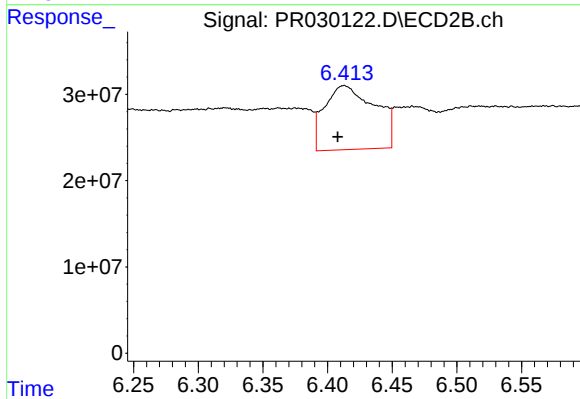
#31 AR-1260-1

R.T.: 6.219 min
Delta R.T.: -0.004 min
Response: 269011446
Conc: 129.84 ng/ml



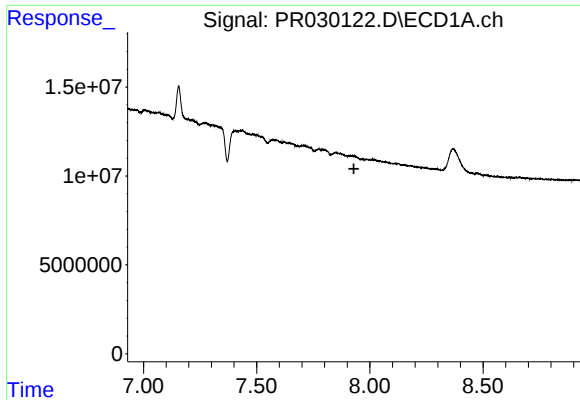
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.570 min
Response: 0
Conc: N.D.



#32 AR-1260-2

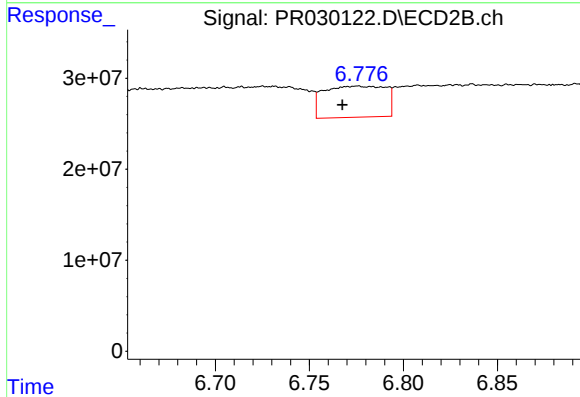
R.T.: 6.413 min
Delta R.T.: 0.005 min
Response: 201407783
Conc: 79.95 ng/ml



#33 AR-1260-3

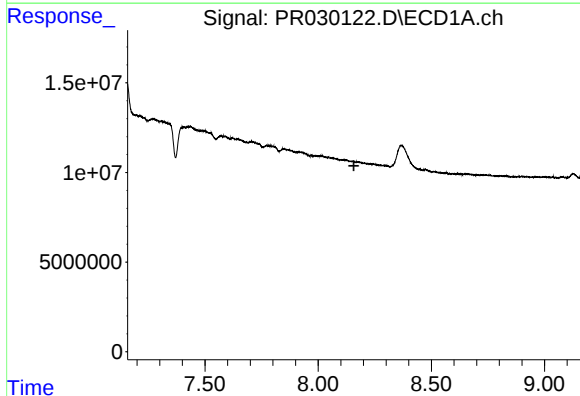
R.T.: 0.000 min
Exp R.T. : 7.929 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



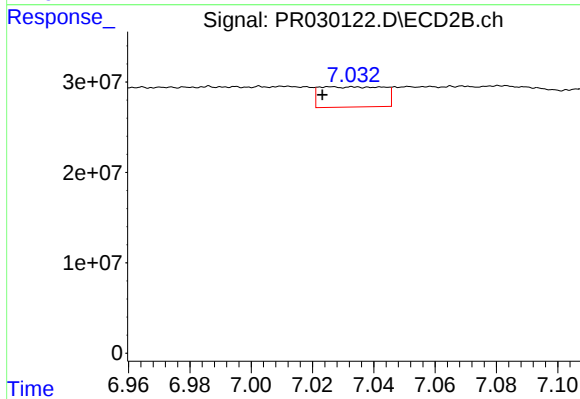
#33 AR-1260-3

R.T.: 6.776 min
Delta R.T.: 0.008 min
Response: 78169222
Conc: 41.75 ng/ml



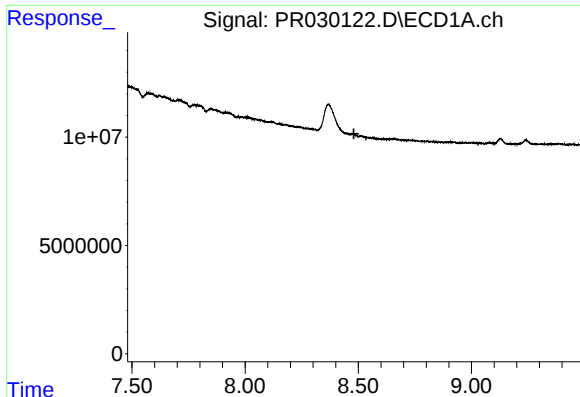
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.158 min
Response: 0
Conc: N.D.



#34 AR-1260-4

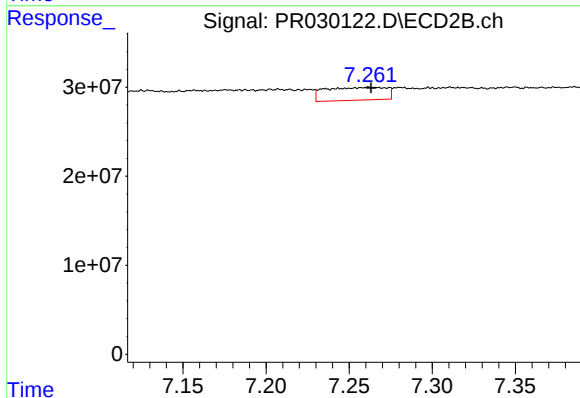
R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 32500234
Conc: 22.42 ng/ml



#35 AR-1260-5

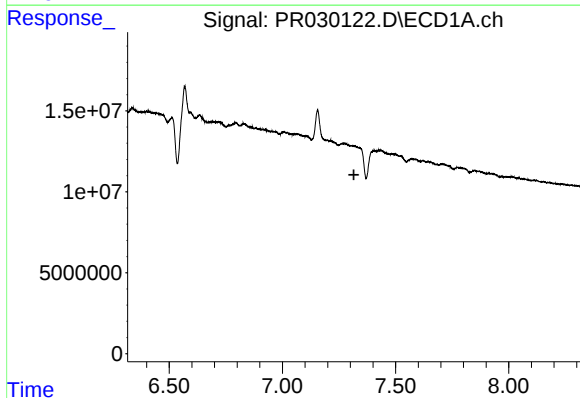
R.T.: 0.000 min
Exp R.T. : 8.481 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



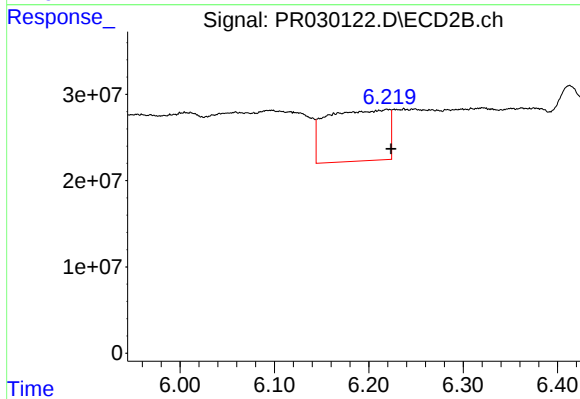
#35 AR-1260-5

R.T.: 7.262 min
Delta R.T.: -0.002 min
Response: 36837012
Conc: 11.21 ng/ml



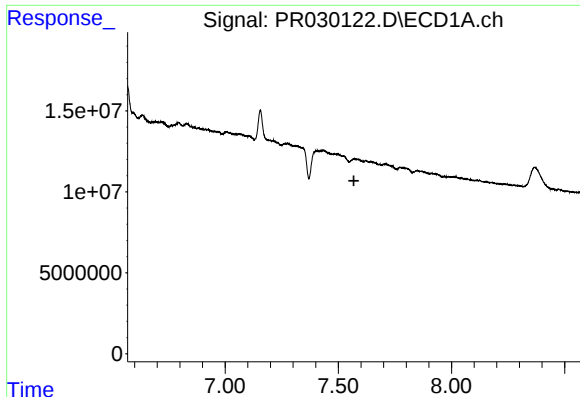
#36 AR-1262-1

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



#36 AR-1262-1

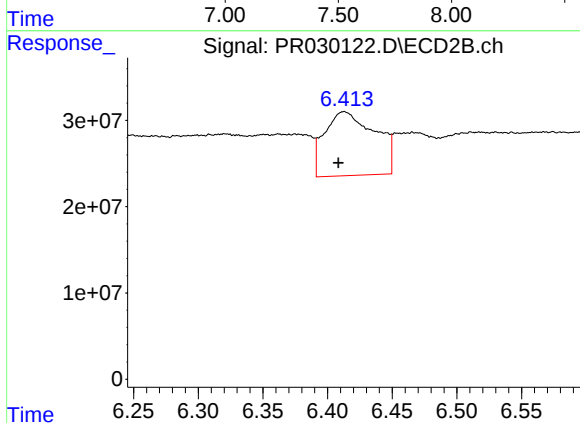
R.T.: 6.219 min
Delta R.T.: -0.004 min
Response: 269011446
Conc: 155.40 ng/ml



#37 AR-1262-2

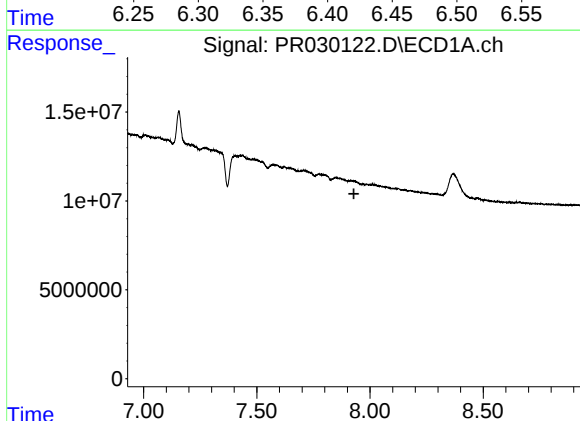
R.T.: 0.000 min
Exp R.T.: 7.569 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



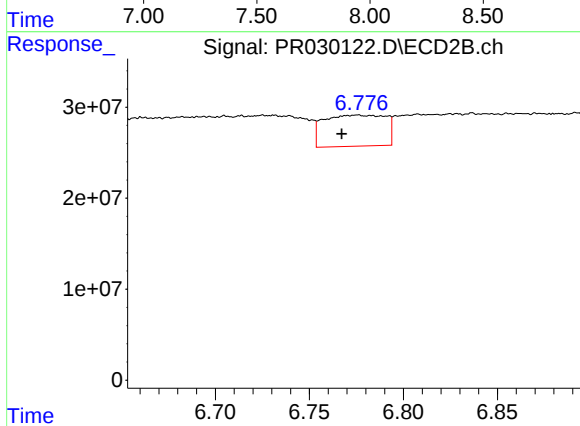
#37 AR-1262-2

R.T.: 6.413 min
Delta R.T.: 0.004 min
Response: 201407783
Conc: 94.26 ng/ml



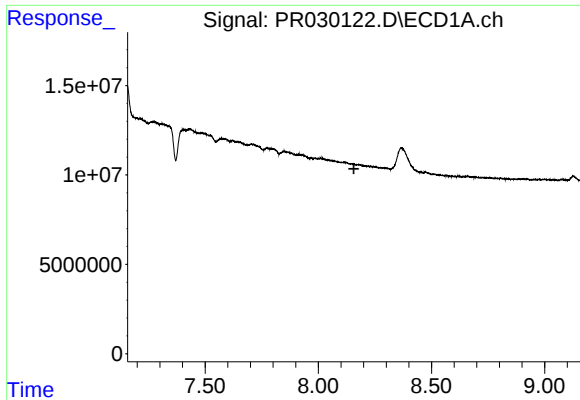
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 7.929 min
Response: 0
Conc: N.D.



#38 AR-1262-3

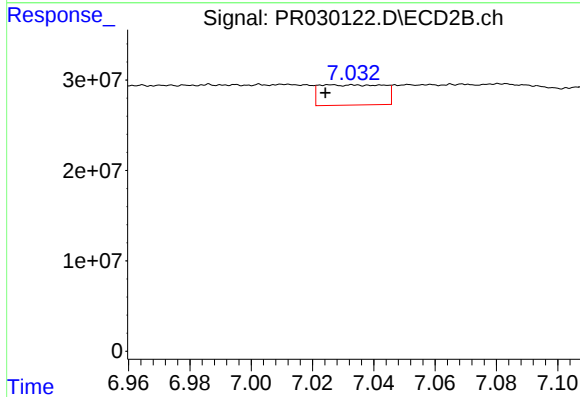
R.T.: 6.776 min
Delta R.T.: 0.008 min
Response: 78169222
Conc: 31.21 ng/ml



#39 AR-1262-4

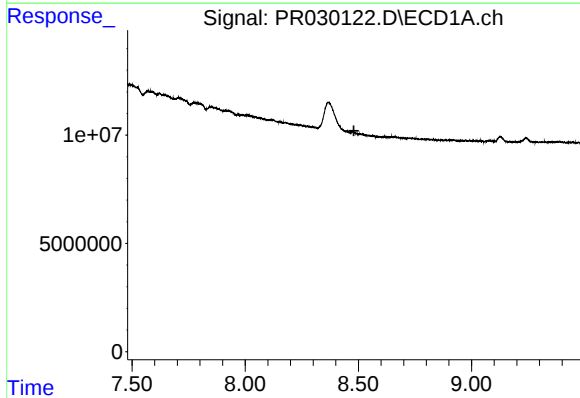
R.T.: 0.000 min
Exp R.T. : 8.157 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



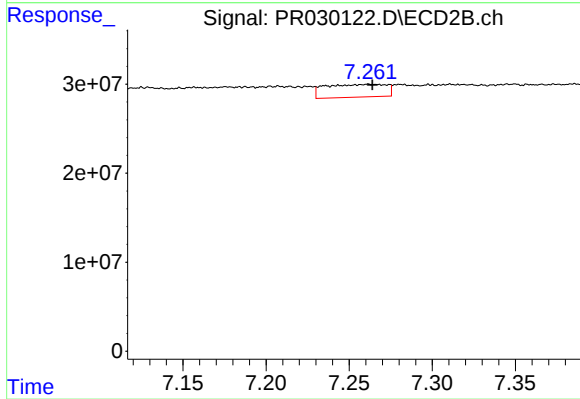
#39 AR-1262-4

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 32500234
Conc: 16.75 ng/ml



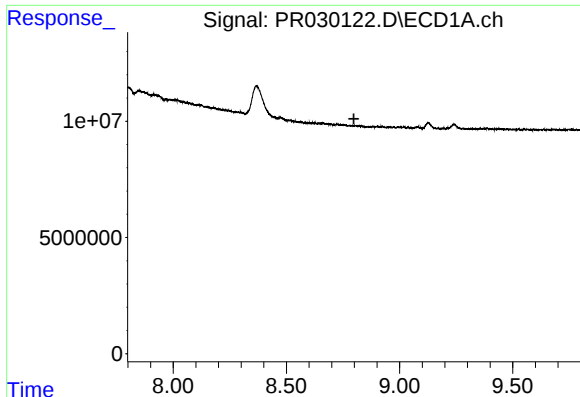
#40 AR-1262-5

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



#40 AR-1262-5

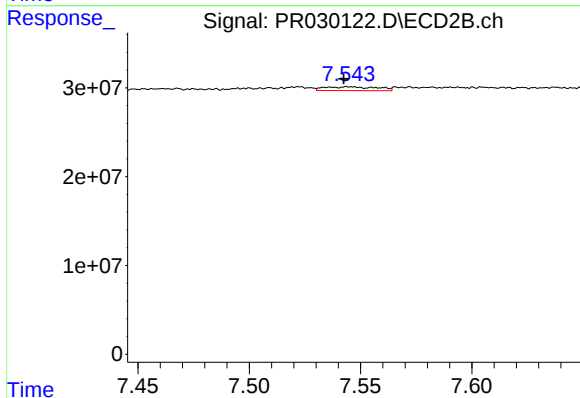
R.T.: 7.262 min
Delta R.T.: -0.002 min
Response: 36837012
Conc: 10.14 ng/ml



#41 AR-1268-1

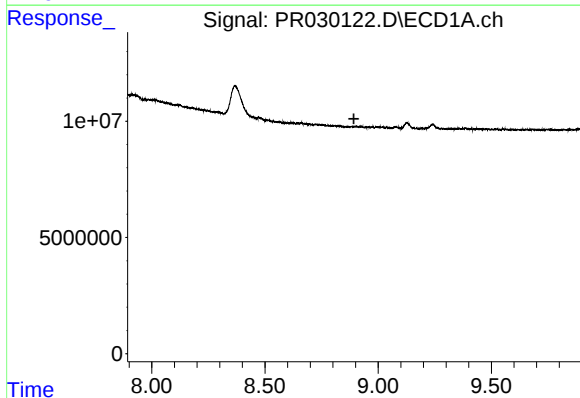
R.T.: 0.000 min
Exp R.T.: 8.798 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



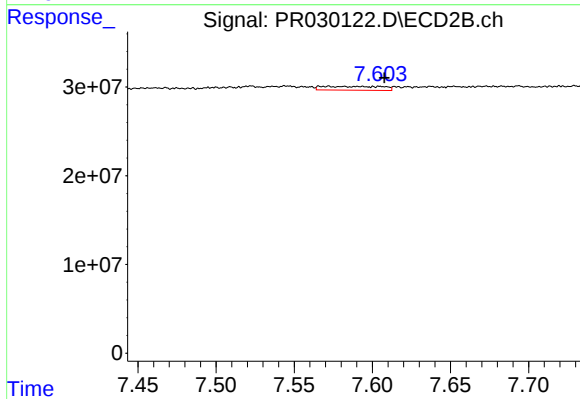
#41 AR-1268-1

R.T.: 7.536 min
Delta R.T.: -0.006 min
Response: 7016177
Conc: 2.20 ng/ml



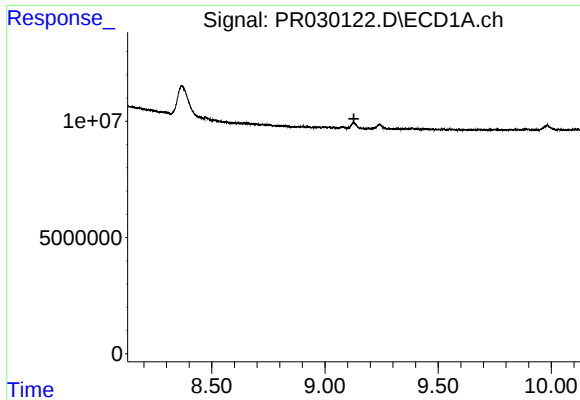
#42 AR-1268-2

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



#42 AR-1268-2

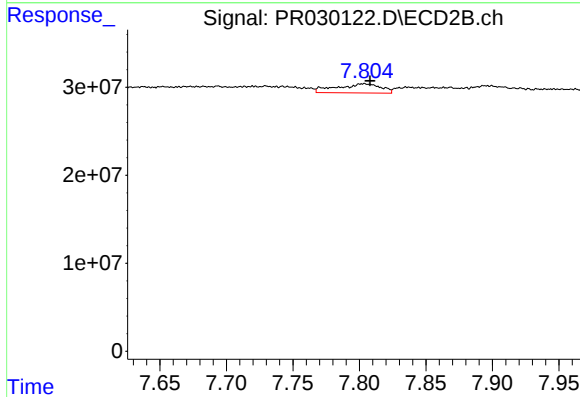
R.T.: 7.572 min
Delta R.T.: -0.036 min
Response: 11677027
Conc: 4.02 ng/ml



#43 AR-1268-3

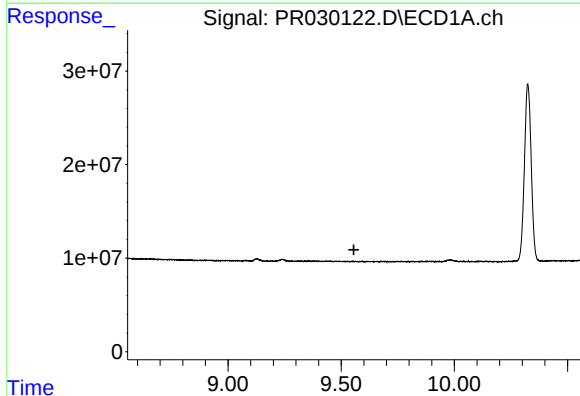
R.T.: 0.000 min
Exp R.T. : 9.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



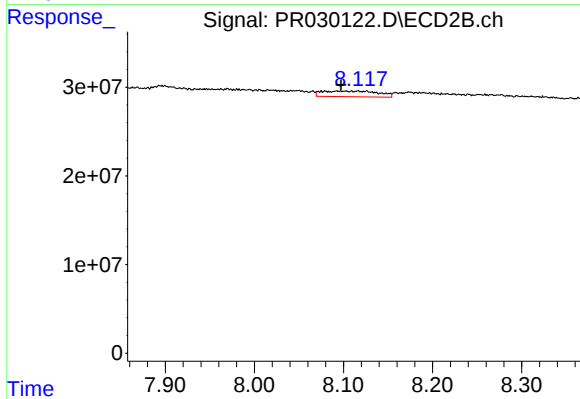
#43 AR-1268-3

R.T.: 7.804 min
Delta R.T.: -0.004 min
Response: 24155757
Conc: 10.31 ng/ml



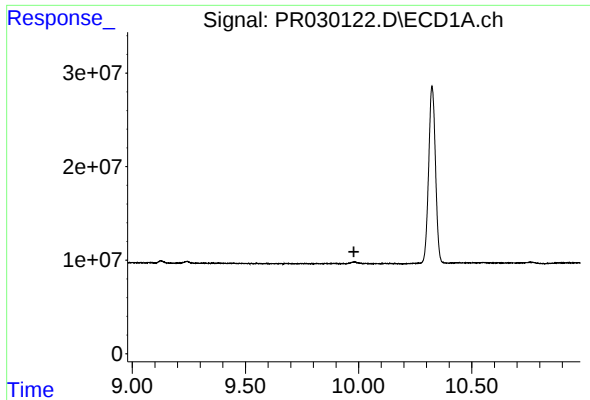
#44 AR-1268-4

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



#44 AR-1268-4

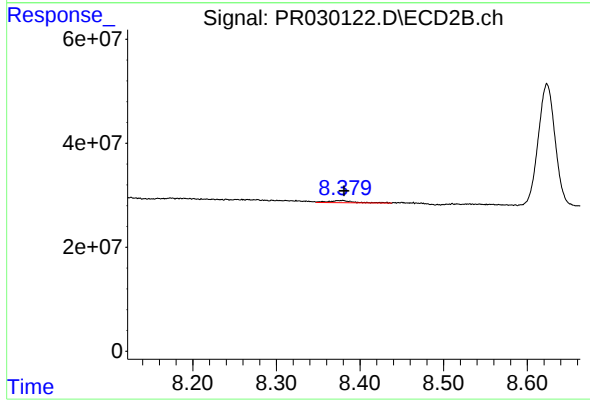
R.T.: 8.079 min
Delta R.T.: -0.018 min
Response: 28112165
Conc: 25.32 ng/ml



#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.: 8.377 min
Delta R.T.: -0.004 min
Response: 8906870
Conc: 1.42 ng/ml