

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092823\
 Data File : PP060358.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2023 17:21
 Operator : YP\AJ
 Sample : 04641-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 00:13:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 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...	4.545	3.680	30371305	11088775	13.562	7.450 #
2) SA Decachlor...	10.459	8.752	30191292	28040981	17.100	17.191
Target Compounds						
3) L1 AR-1016-1	5.708	4.785	18263652	6690717	248.132	115.139 #
4) L1 AR-1016-2	5.764f	4.812	10949881	66773396	104.550	829.426 #
5) L1 AR-1016-3	5.798	4.994	6265492	21326342	95.867	477.178 #
6) L1 AR-1016-4	5.913	5.016	12854308	2709511	236.382	75.298 #
7) L1 AR-1016-5	6.209	5.254	25255614	14587879	454.052	300.224 #
8) L2 AR-1221-1	4.734	3.907	23364231	18244744	808.817	873.366
9) L2 AR-1221-2	4.827	3.993	36366728	16333951	1702.161	1095.437 #
10) L2 AR-1221-3	4.899	4.075	16730129	8043650	275.488	183.111 #
11) L3 AR-1232-1	4.899f	4.075	16730129	8043650	332.355	221.043 #
12) L3 AR-1232-2	5.473	4.812	11763672	66773396	429.601	1830.996 #
13) L3 AR-1232-3	5.764	4.994	10949881	21326342	235.901	1065.504 #
14) L3 AR-1232-4	5.913	5.043f	12854308	28010279	522.966	1500.746 #
15) L3 AR-1232-5	6.015	5.254	43189502	14587879	2084.268	701.362 #
16) L4 AR-1242-1	5.708	4.785	18263652	6690717	285.784	132.157 #
17) L4 AR-1242-2	5.764f	4.812	10949881	66773396	120.931	961.537 #
18) L4 AR-1242-3	5.798	4.994	6265492	21326342	111.286	553.777 #
19) L4 AR-1242-4	5.913	5.043f	12854308	28010279	275.218	711.229 #
20) L4 AR-1242-5	6.645	5.591	13598962	16649831	270.379	340.368 #
21) L5 AR-1248-1	5.708	4.785	18263652	6690717	392.560	183.339 #
22) L5 AR-1248-2	6.015f	5.016	43189502	2709511	622.909	51.835 #
23) L5 AR-1248-3	6.209	5.043f	25255614	28010279	332.531	504.469 #
24) L5 AR-1248-4	6.611	5.254f	84878020	14587879	1026.264	221.609 #
25) L5 AR-1248-5	6.645	5.649	13598962	15639156	168.967	243.138 #
26) L6 AR-1254-1	6.571f	5.591	17565849	16649831	205.833	168.318
27) L6 AR-1254-2	0.000	5.741	0	15370765	N.D.	178.848 #
28) L6 AR-1254-3	7.182	6.168f	20812730	14793833	156.585	103.218 #
29) L6 AR-1254-4	7.442f	6.370	121.2E6	24246513	1232.026	278.174 #
30) L6 AR-1254-5	7.902	6.818f	35037765	7519698	323.396	59.341 #
31) L7 AR-1260-1	7.359	6.295	100.4E6	5713936	957.484	56.926 #
32) L7 AR-1260-2	7.614	6.459	56327123	7531692	465.875	63.130 #
33) L7 AR-1260-3	7.970	6.643f	79511691	6201337	857.821	54.163 #
34) L7 AR-1260-4	8.208	7.107	31975248	2813363	301.509	29.558 #
35) L7 AR-1260-5	8.551f	7.345	7089517	9761006	36.634	45.041
36) L8 AR-1262-1	7.970	6.902	79511691	387888	637.443	7.244 #
37) L8 AR-1262-2	8.551f	7.107	7089517	2813363	33.843	23.852 #
38) L8 AR-1262-3	8.849	7.623	3854291	1344908	25.468	14.585 #
39) L8 AR-1262-4	8.951	7.705	1553829	3732747	12.984	22.158 #
41) L9 AR-1268-1	8.849	7.623	3854291	1344908	14.528	4.948 #
42) L9 AR-1268-2	8.951	7.705	1553829	3732747	6.375	15.306 #

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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
43) L9	AR-1268-3	9.198	7.903	3267779	3674144	15.624	17.178
45) L9	AR-1268-5	0.000	8.486	0	1476061	N.D.	2.362 #

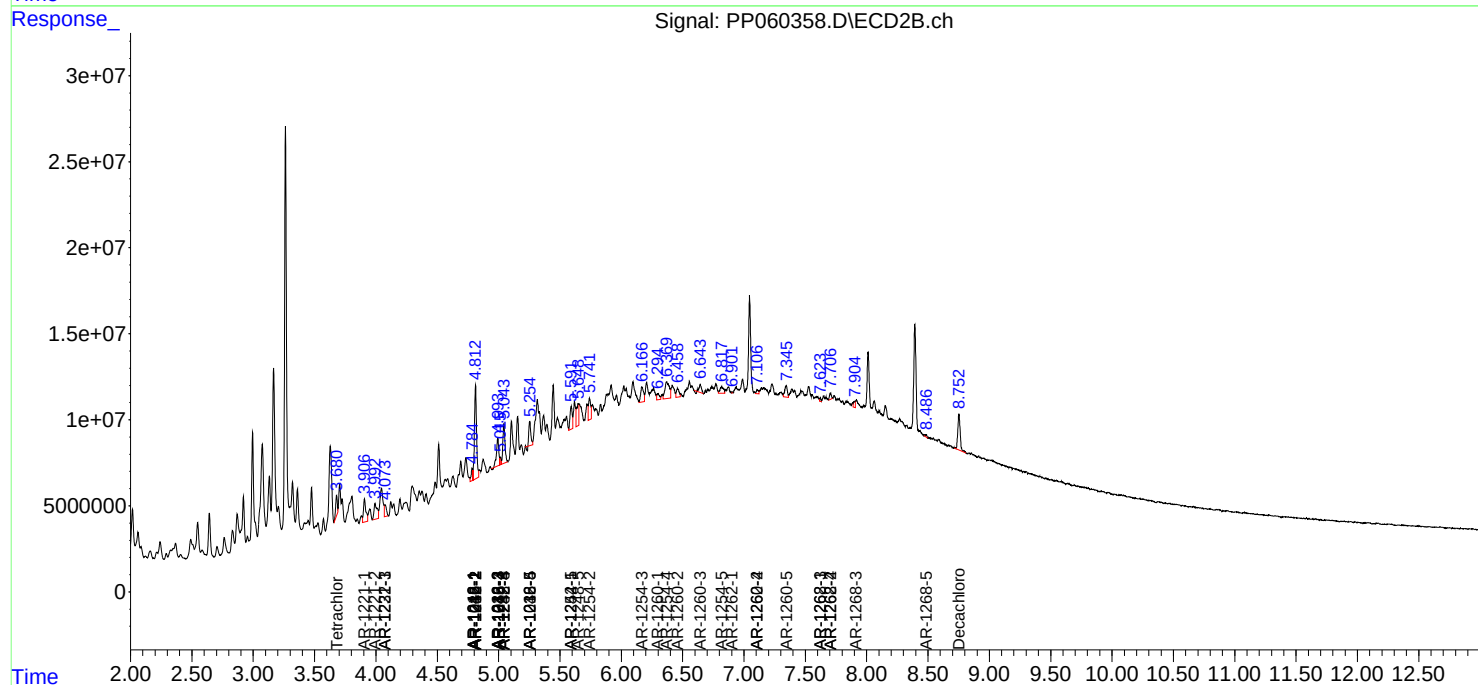
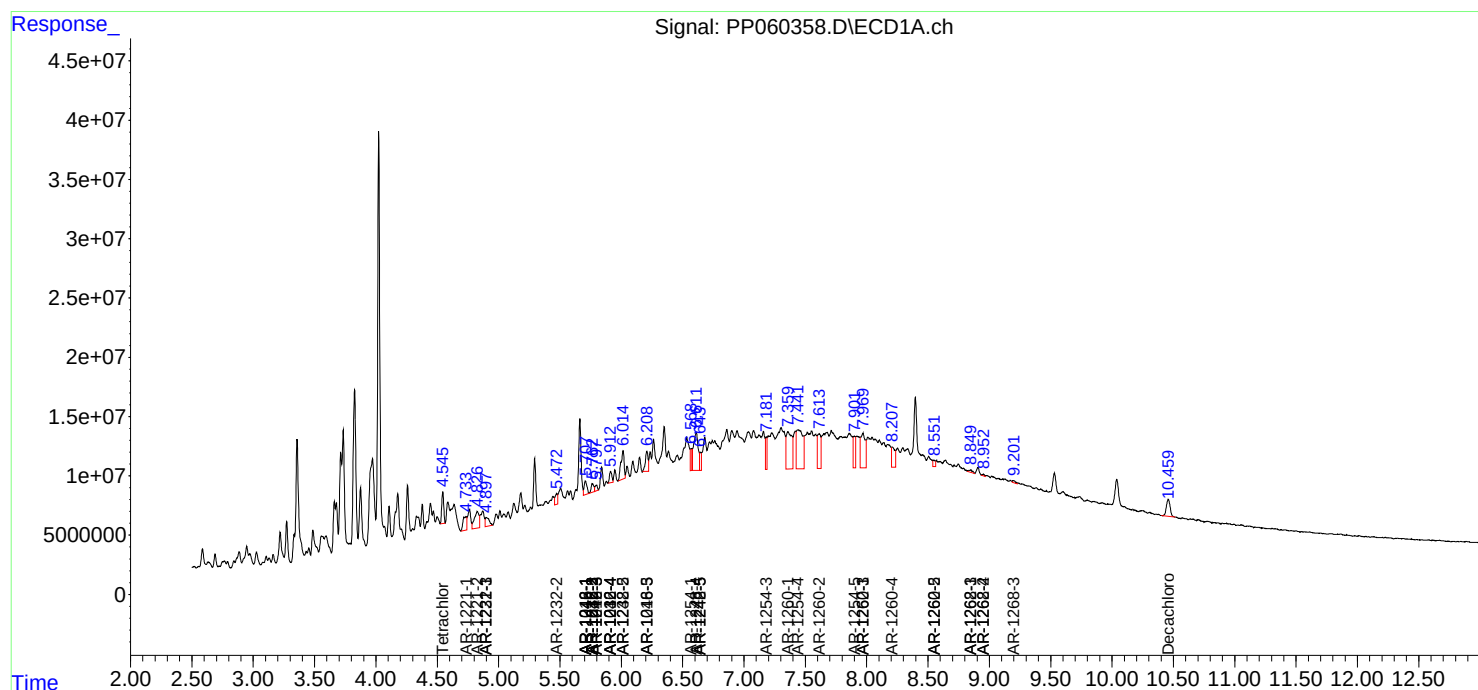
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

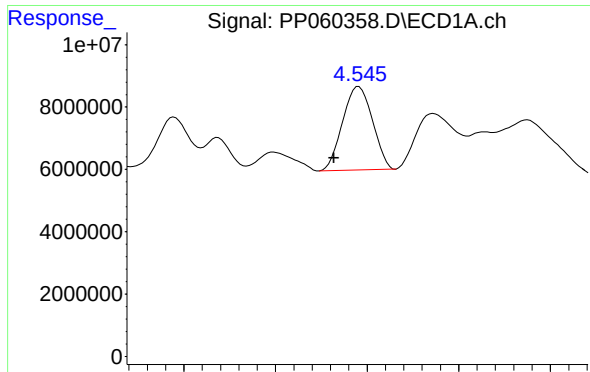
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092823\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

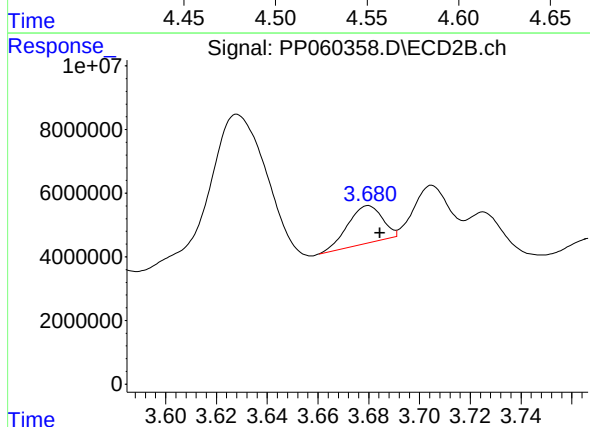




#1 Tetrachloro-m-xylene

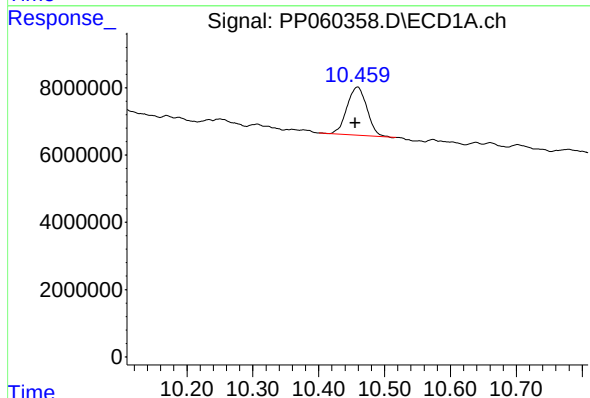
R.T.: 4.545 min
Delta R.T.: 0.013 min
Response: 30371305
Conc: 13.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



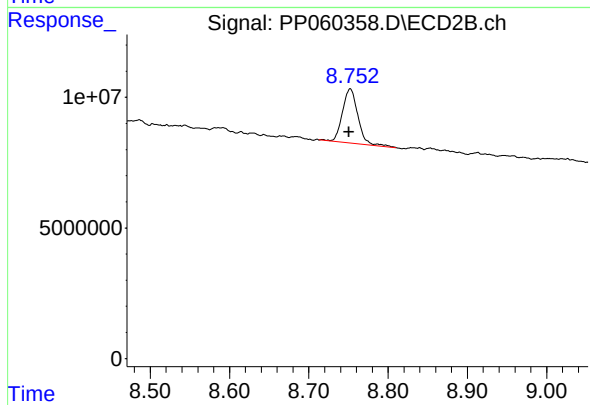
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: -0.005 min
Response: 11088775
Conc: 7.45 ng/ml



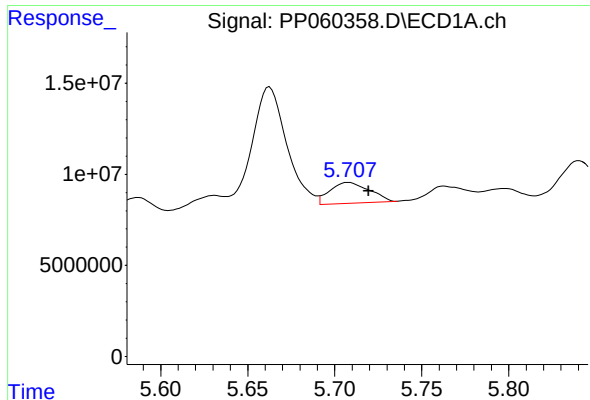
#2 Decachlorobiphenyl

R.T.: 10.459 min
Delta R.T.: 0.003 min
Response: 30191292
Conc: 17.10 ng/ml



#2 Decachlorobiphenyl

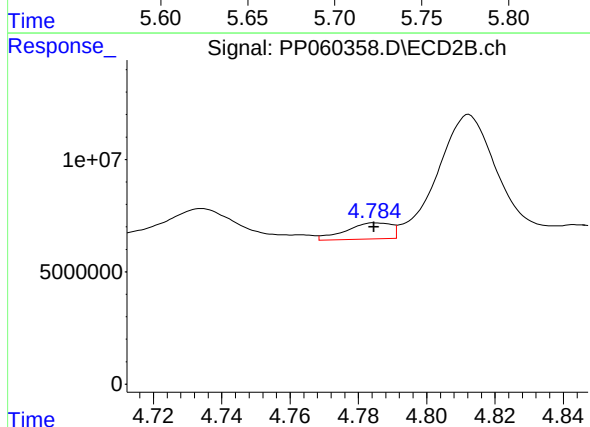
R.T.: 8.752 min
Delta R.T.: 0.002 min
Response: 28040981
Conc: 17.19 ng/ml



#3 AR-1016-1

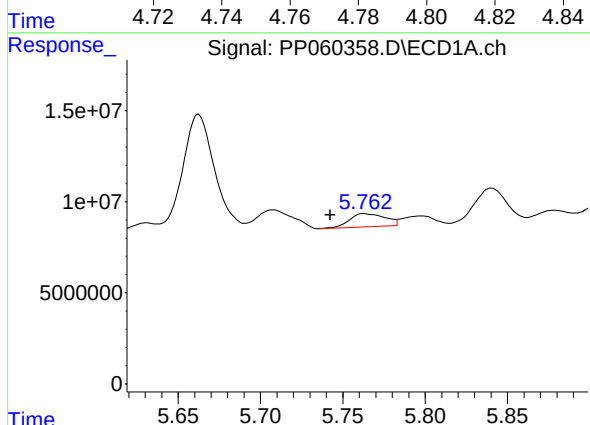
R.T.: 5.708 min
Delta R.T.: -0.011 min
Response: 18263652
Conc: 248.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



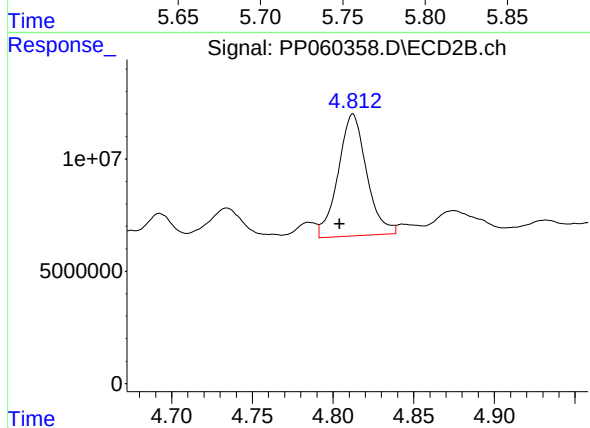
#3 AR-1016-1

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 6690717
Conc: 115.14 ng/ml



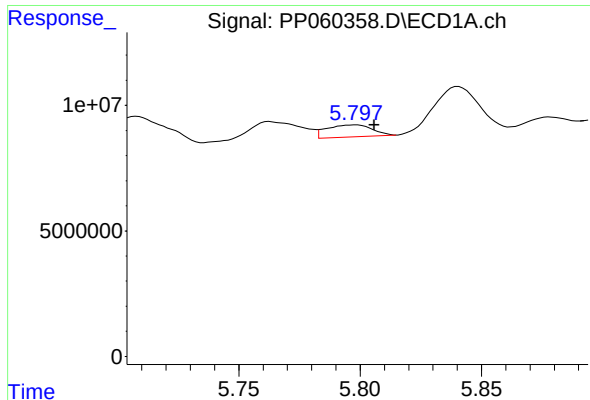
#4 AR-1016-2

R.T.: 5.764 min
Delta R.T.: 0.021 min
Response: 10949881
Conc: 104.55 ng/ml



#4 AR-1016-2

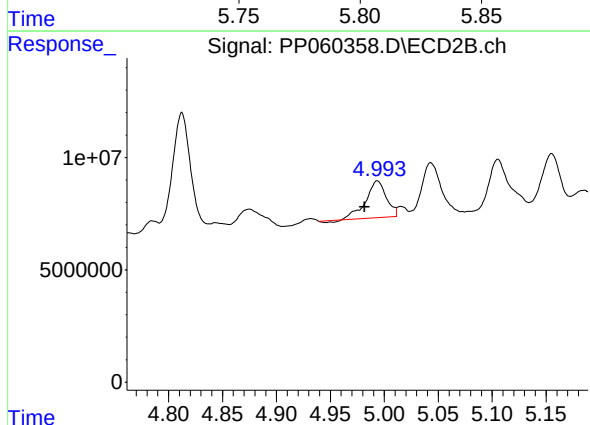
R.T.: 4.812 min
Delta R.T.: 0.008 min
Response: 66773396
Conc: 829.43 ng/ml



#5 AR-1016-3

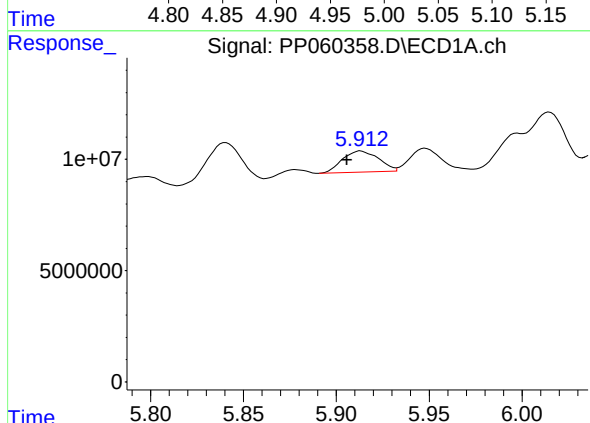
R.T.: 5.798 min
Delta R.T.: -0.008 min
Response: 6265492
Conc: 95.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



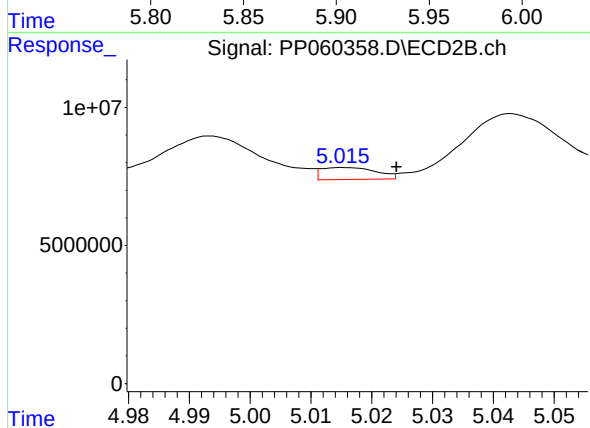
#5 AR-1016-3

R.T.: 4.994 min
Delta R.T.: 0.012 min
Response: 21326342
Conc: 477.18 ng/ml



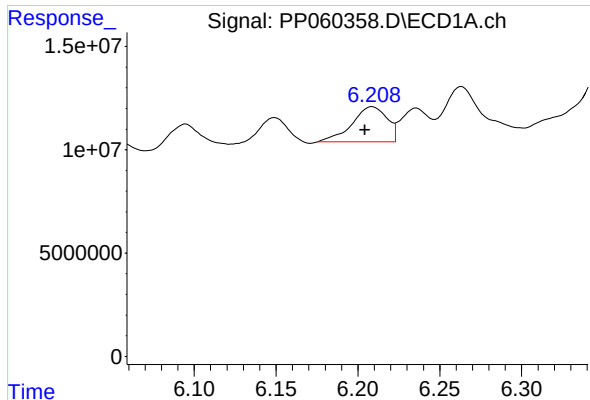
#6 AR-1016-4

R.T.: 5.913 min
Delta R.T.: 0.008 min
Response: 12854308
Conc: 236.38 ng/ml



#6 AR-1016-4

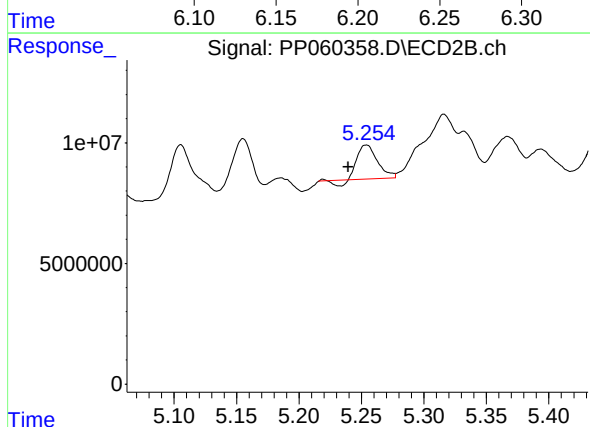
R.T.: 5.016 min
Delta R.T.: -0.008 min
Response: 2709511
Conc: 75.30 ng/ml



#7 AR-1016-5

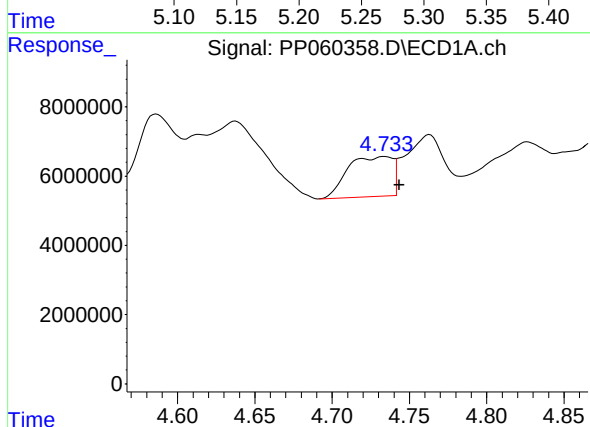
R.T.: 6.209 min
Delta R.T.: 0.005 min
Response: 25255614
Conc: 454.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



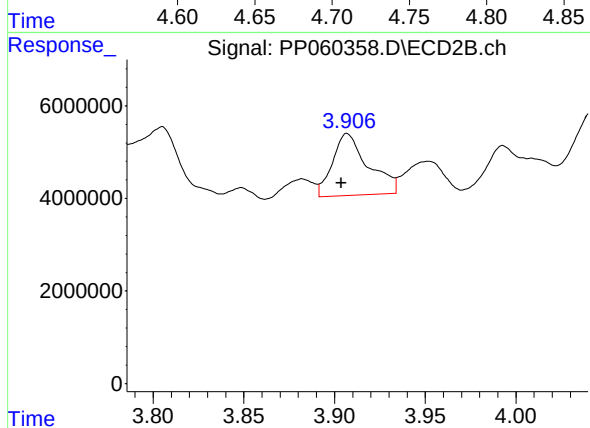
#7 AR-1016-5

R.T.: 5.254 min
Delta R.T.: 0.015 min
Response: 14587879
Conc: 300.22 ng/ml



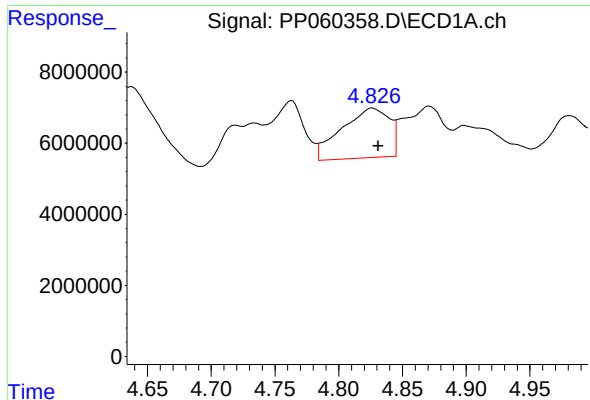
#8 AR-1221-1

R.T.: 4.734 min
Delta R.T.: -0.009 min
Response: 23364231
Conc: 808.82 ng/ml



#8 AR-1221-1

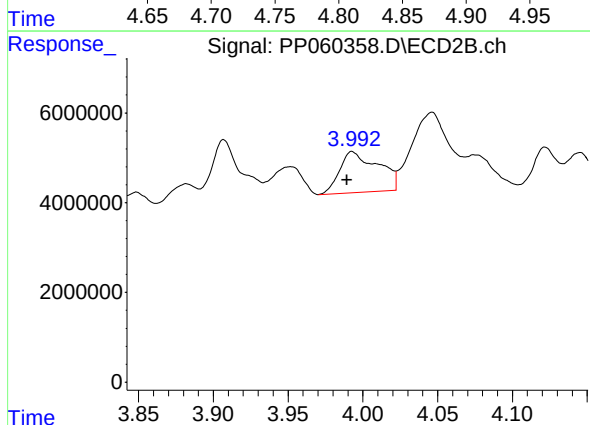
R.T.: 3.907 min
Delta R.T.: 0.003 min
Response: 18244744
Conc: 873.37 ng/ml



#9 AR-1221-2

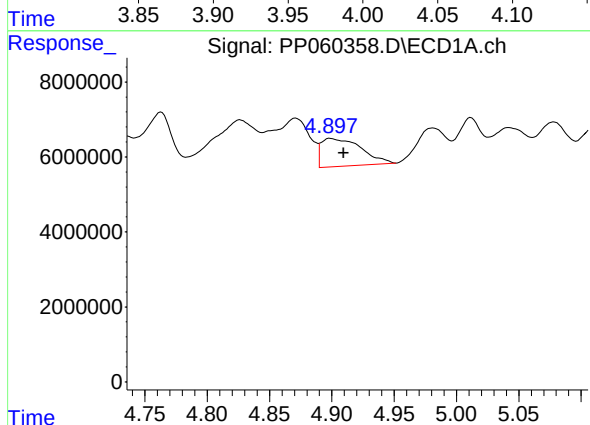
R.T.: 4.827 min
Delta R.T.: -0.005 min
Response: 36366728
Conc: 1702.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



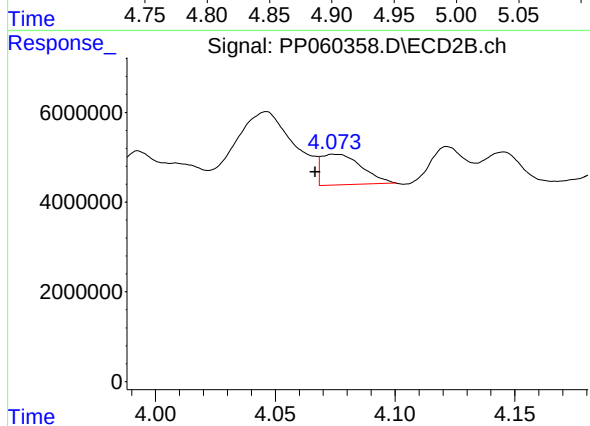
#9 AR-1221-2

R.T.: 3.993 min
Delta R.T.: 0.004 min
Response: 16333951
Conc: 1095.44 ng/ml



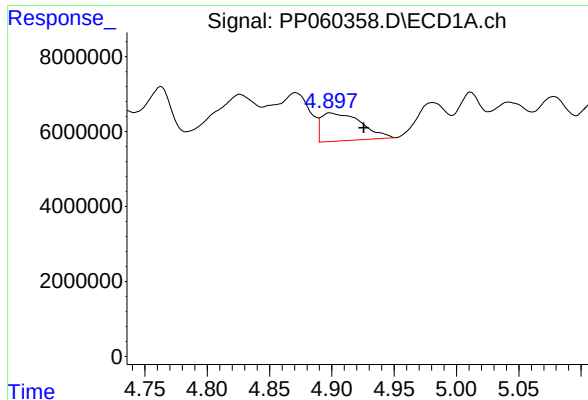
#10 AR-1221-3

R.T.: 4.899 min
Delta R.T.: -0.010 min
Response: 16730129
Conc: 275.49 ng/ml



#10 AR-1221-3

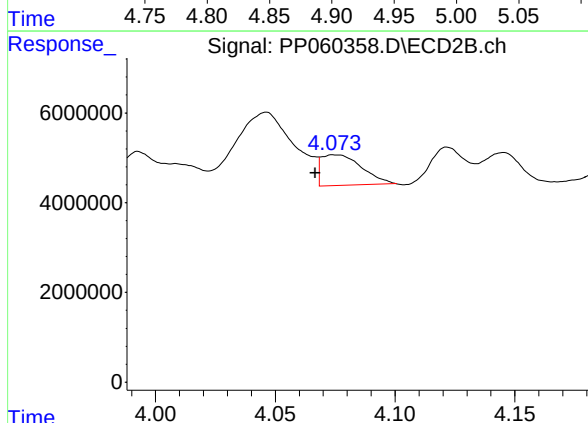
R.T.: 4.075 min
Delta R.T.: 0.008 min
Response: 8043650
Conc: 183.11 ng/ml



#11 AR-1232-1

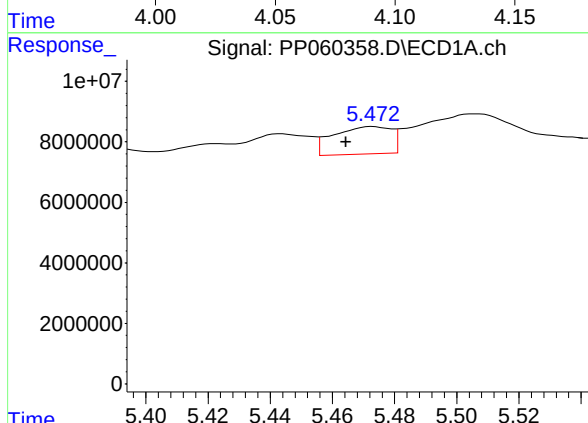
R.T.: 4.899 min
Delta R.T.: -0.026 min
Response: 16730129
Conc: 332.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



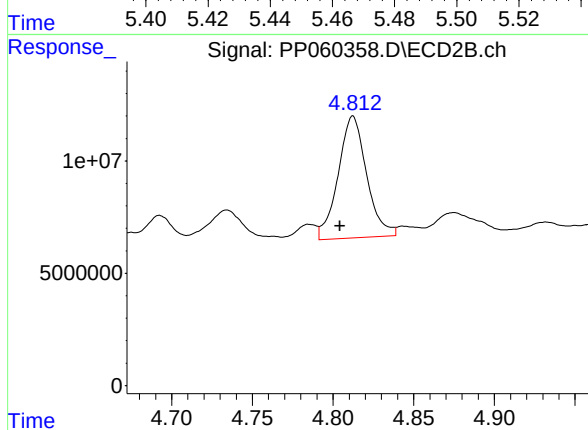
#11 AR-1232-1

R.T.: 4.075 min
Delta R.T.: 0.008 min
Response: 8043650
Conc: 221.04 ng/ml



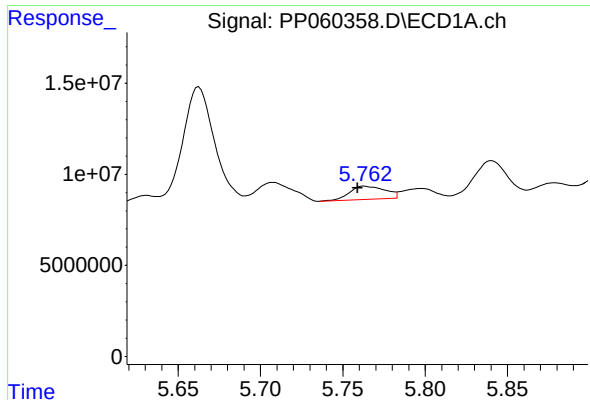
#12 AR-1232-2

R.T.: 5.473 min
Delta R.T.: 0.009 min
Response: 11763672
Conc: 429.60 ng/ml



#12 AR-1232-2

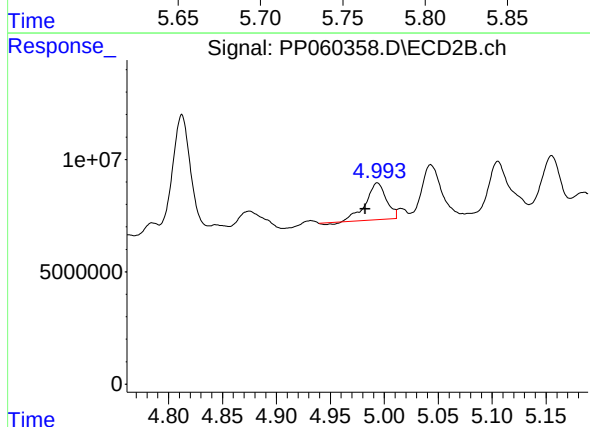
R.T.: 4.812 min
Delta R.T.: 0.008 min
Response: 66773396
Conc: 1831.00 ng/ml



#13 AR-1232-3

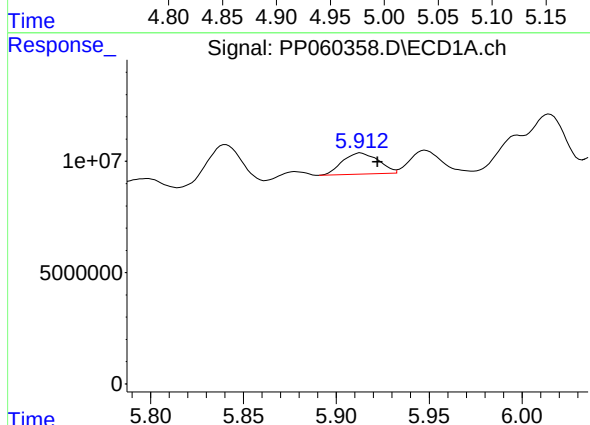
R.T.: 5.764 min
Delta R.T.: 0.004 min
Response: 10949881
Conc: 235.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



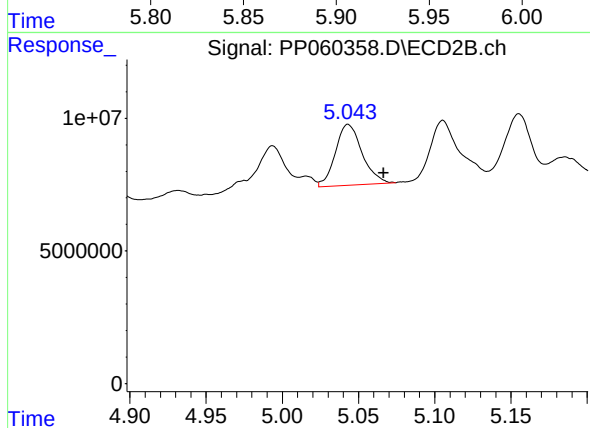
#13 AR-1232-3

R.T.: 4.994 min
Delta R.T.: 0.011 min
Response: 21326342
Conc: 1065.50 ng/ml



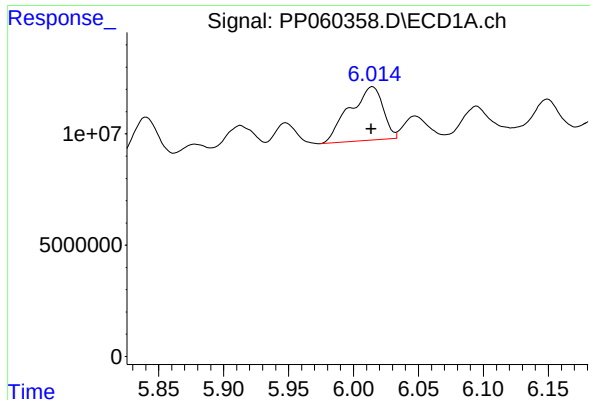
#14 AR-1232-4

R.T.: 5.913 min
Delta R.T.: -0.009 min
Response: 12854308
Conc: 522.97 ng/ml



#14 AR-1232-4

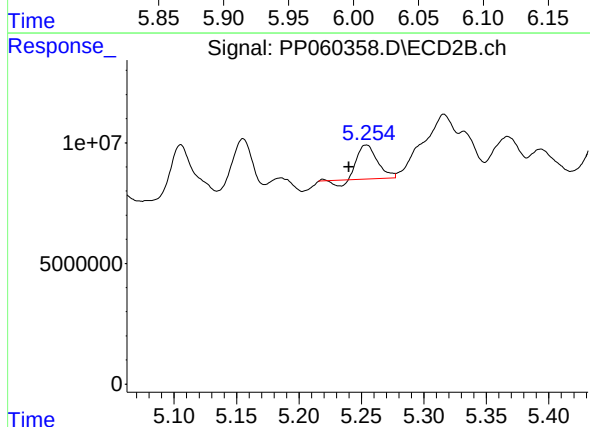
R.T.: 5.043 min
Delta R.T.: -0.023 min
Response: 28010279
Conc: 1500.75 ng/ml



#15 AR-1232-5

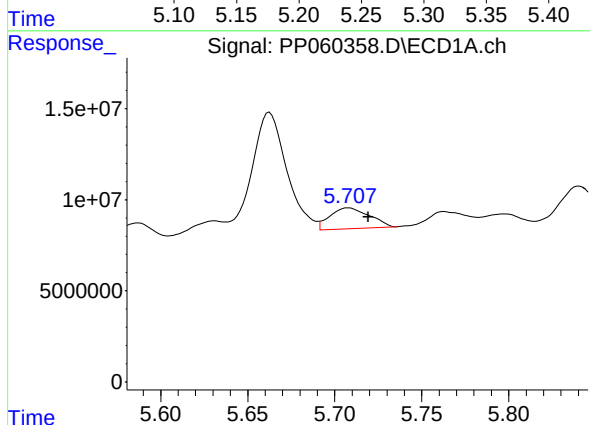
R.T.: 6.015 min
Delta R.T.: 0.001 min
Response: 43189502
Conc: 2084.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



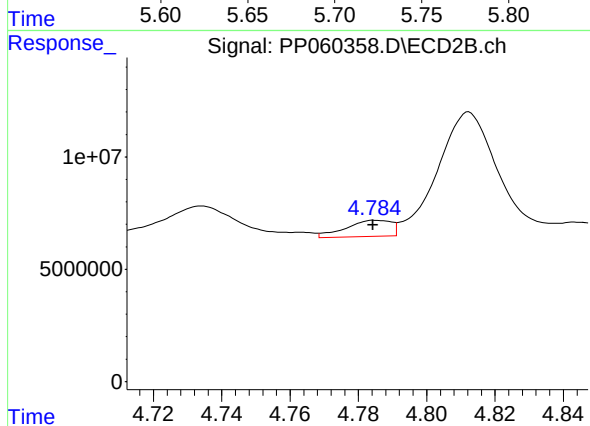
#15 AR-1232-5

R.T.: 5.254 min
Delta R.T.: 0.014 min
Response: 14587879
Conc: 701.36 ng/ml



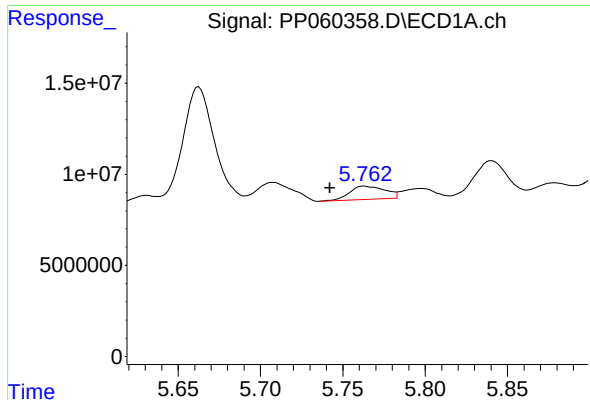
#16 AR-1242-1

R.T.: 5.708 min
Delta R.T.: -0.011 min
Response: 18263652
Conc: 285.78 ng/ml



#16 AR-1242-1

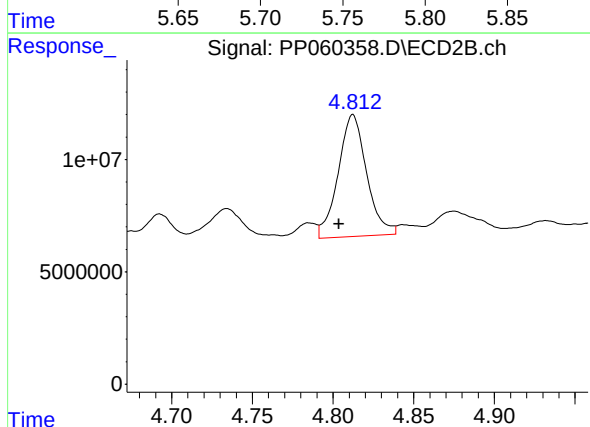
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 6690717
Conc: 132.16 ng/ml



#17 AR-1242-2

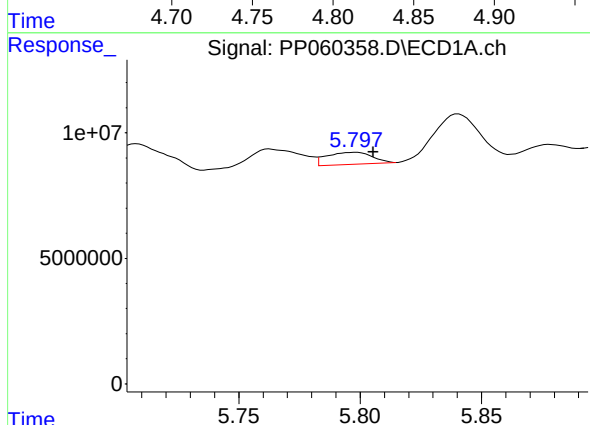
R.T.: 5.764 min
Delta R.T.: 0.021 min
Response: 10949881
Conc: 120.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



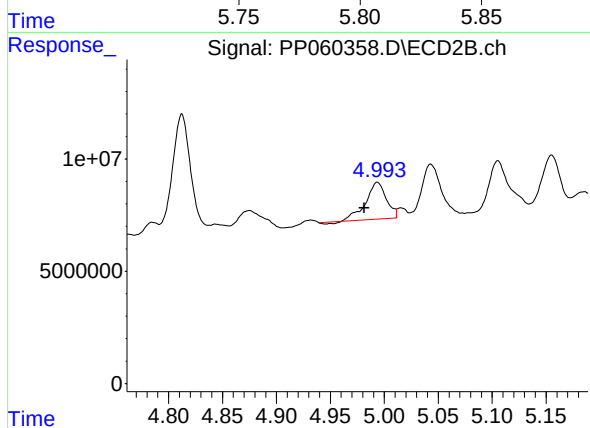
#17 AR-1242-2

R.T.: 4.812 min
Delta R.T.: 0.009 min
Response: 66773396
Conc: 961.54 ng/ml



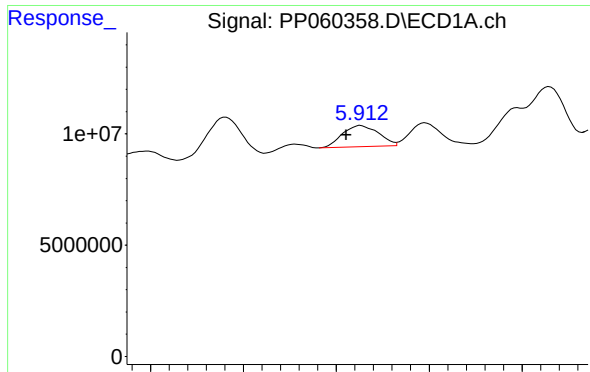
#18 AR-1242-3

R.T.: 5.798 min
Delta R.T.: -0.008 min
Response: 6265492
Conc: 111.29 ng/ml



#18 AR-1242-3

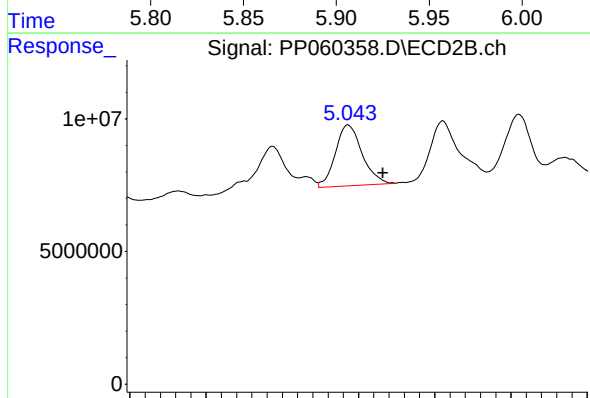
R.T.: 4.994 min
Delta R.T.: 0.012 min
Response: 21326342
Conc: 553.78 ng/ml



#19 AR-1242-4

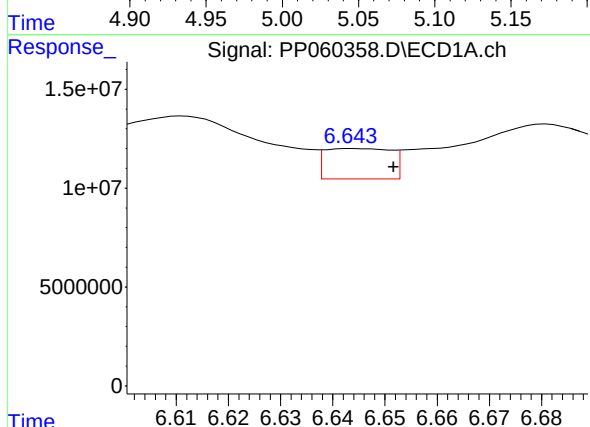
R.T.: 5.913 min
Delta R.T.: 0.008 min
Response: 12854308
Conc: 275.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



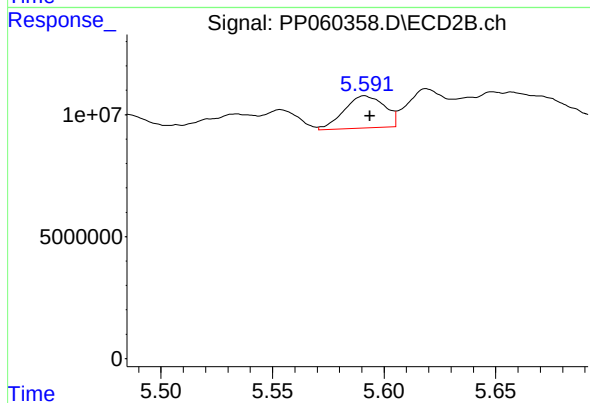
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.023 min
Response: 28010279
Conc: 711.23 ng/ml



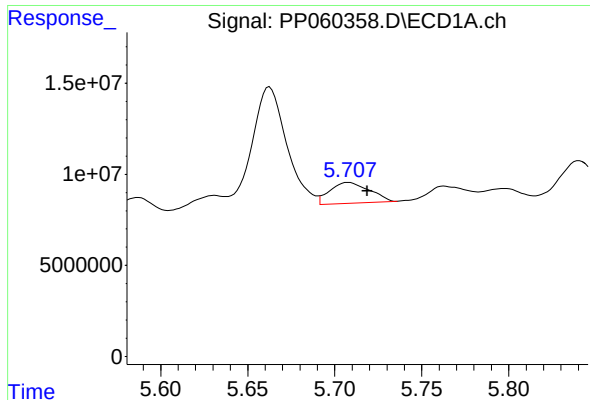
#20 AR-1242-5

R.T.: 6.645 min
Delta R.T.: -0.007 min
Response: 13598962
Conc: 270.38 ng/ml



#20 AR-1242-5

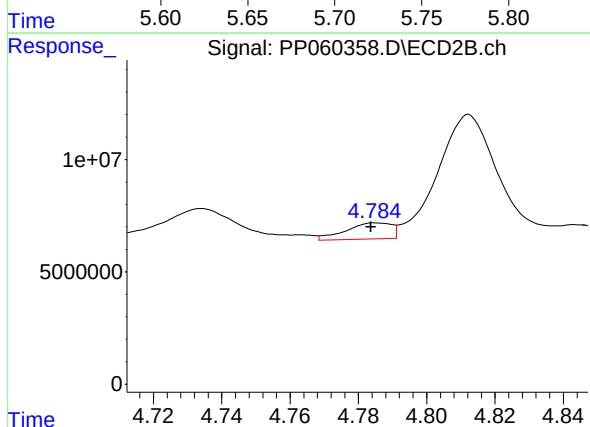
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 16649831
Conc: 340.37 ng/ml



#21 AR-1248-1

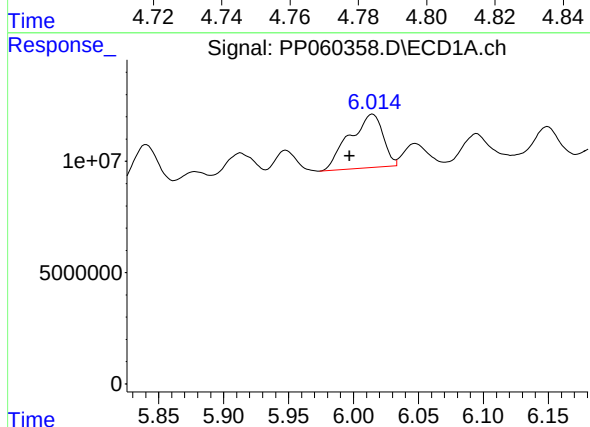
R.T.: 5.708 min
Delta R.T.: -0.011 min
Response: 18263652
Conc: 392.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



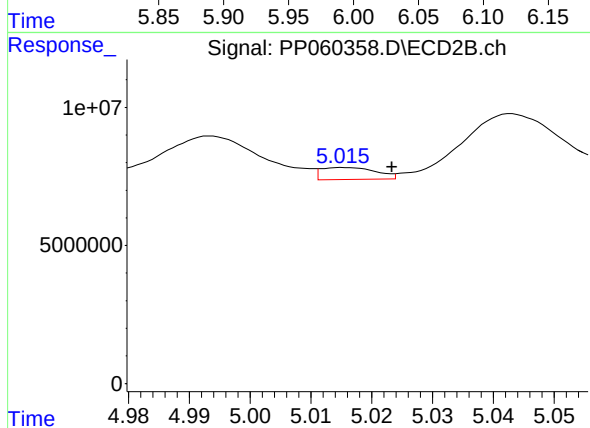
#21 AR-1248-1

R.T.: 4.785 min
Delta R.T.: 0.001 min
Response: 6690717
Conc: 183.34 ng/ml



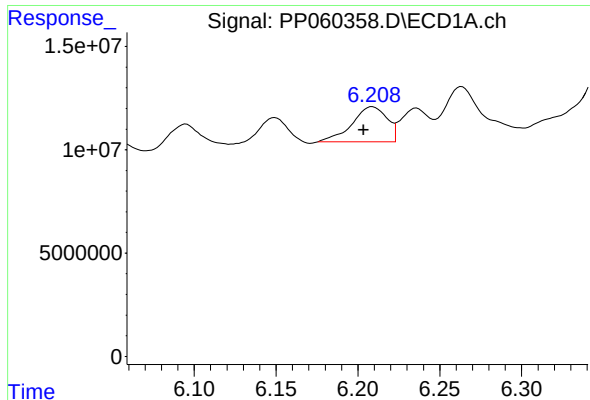
#22 AR-1248-2

R.T.: 6.015 min
Delta R.T.: 0.018 min
Response: 43189502
Conc: 622.91 ng/ml



#22 AR-1248-2

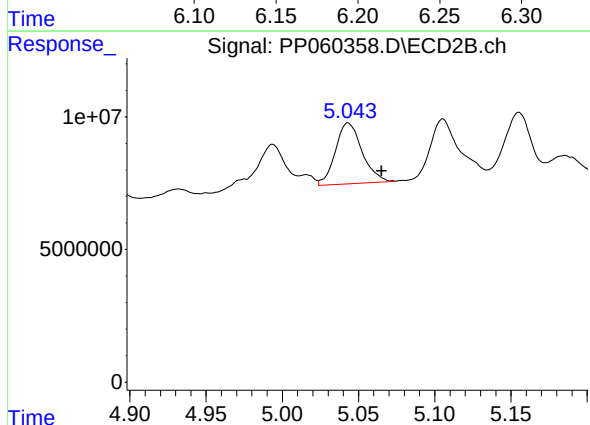
R.T.: 5.016 min
Delta R.T.: -0.008 min
Response: 2709511
Conc: 51.83 ng/ml



#23 AR-1248-3

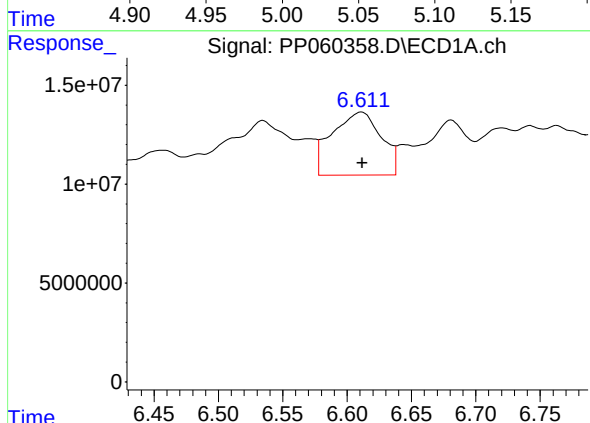
R.T.: 6.209 min
Delta R.T.: 0.005 min
Response: 25255614
Conc: 332.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



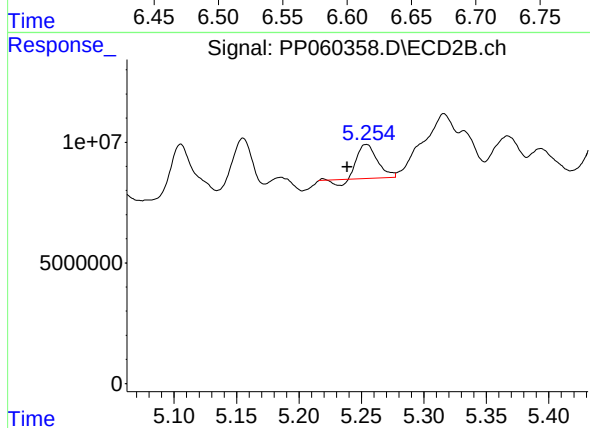
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: -0.022 min
Response: 28010279
Conc: 504.47 ng/ml



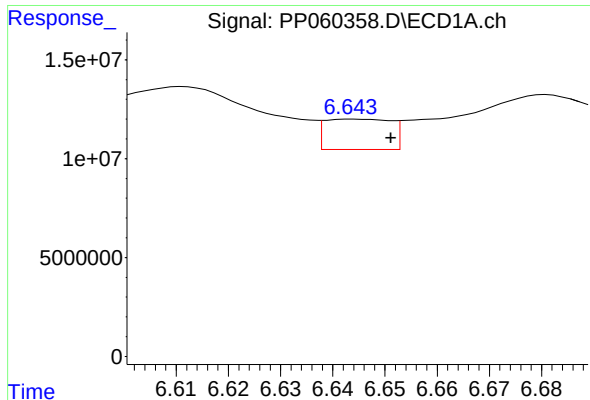
#24 AR-1248-4

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 84878020
Conc: 1026.26 ng/ml



#24 AR-1248-4

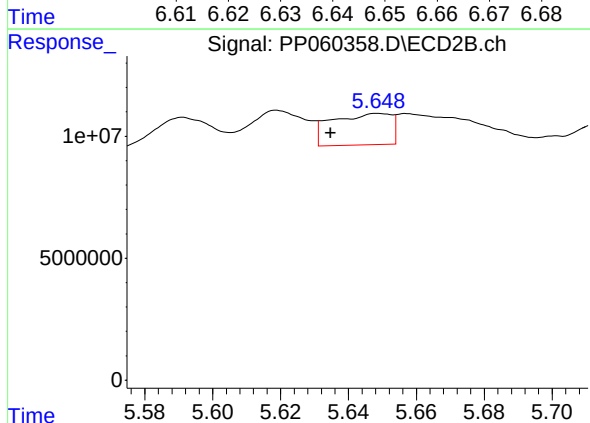
R.T.: 5.254 min
Delta R.T.: 0.015 min
Response: 14587879
Conc: 221.61 ng/ml



#25 AR-1248-5

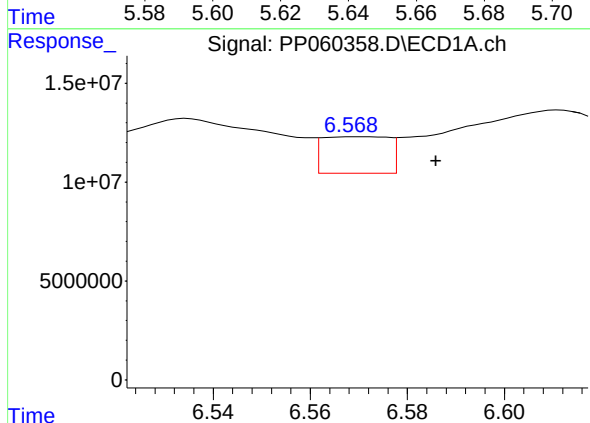
R.T.: 6.645 min
Delta R.T.: -0.007 min
Response: 13598962
Conc: 168.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



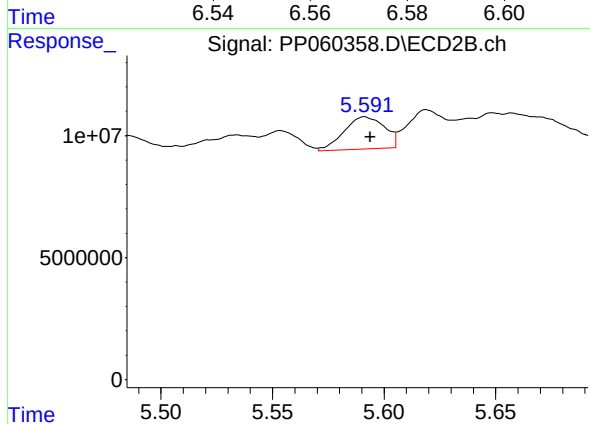
#25 AR-1248-5

R.T.: 5.649 min
Delta R.T.: 0.014 min
Response: 15639156
Conc: 243.14 ng/ml



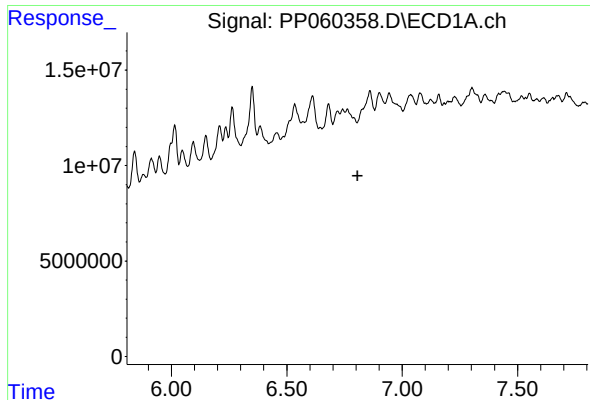
#26 AR-1254-1

R.T.: 6.571 min
Delta R.T.: -0.015 min
Response: 17565849
Conc: 205.83 ng/ml



#26 AR-1254-1

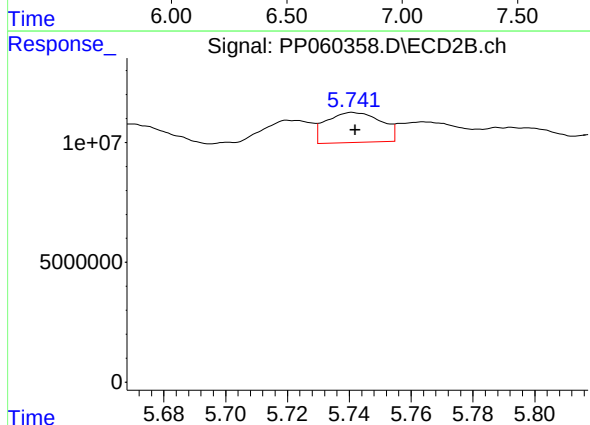
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 16649831
Conc: 168.32 ng/ml



#27 AR-1254-2

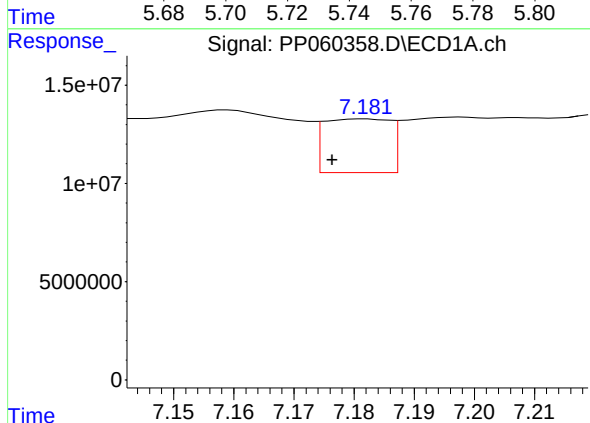
R.T.: 0.000 min
Exp R.T.: 6.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



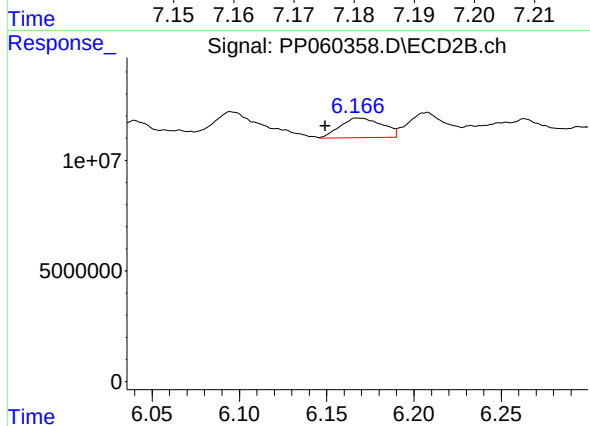
#27 AR-1254-2

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 15370765
Conc: 178.85 ng/ml



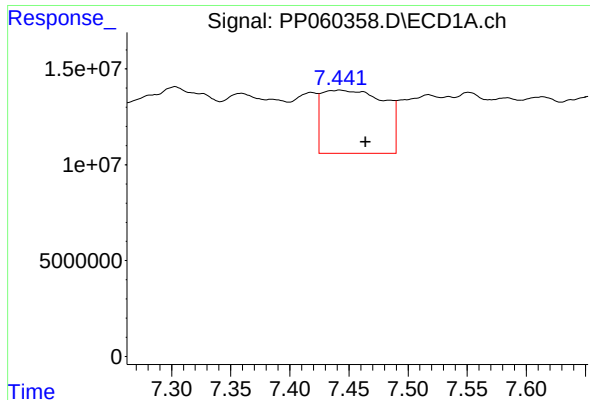
#28 AR-1254-3

R.T.: 7.182 min
Delta R.T.: 0.006 min
Response: 20812730
Conc: 156.59 ng/ml



#28 AR-1254-3

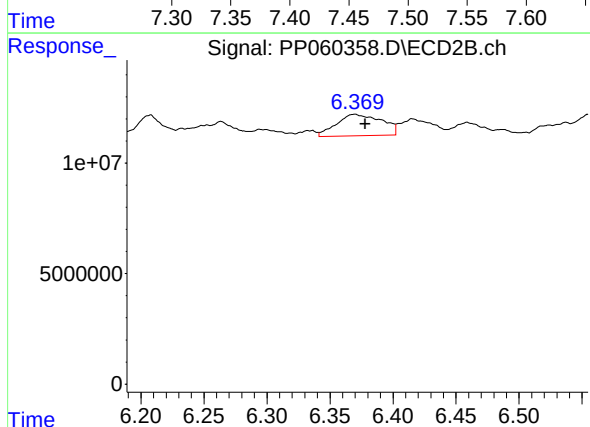
R.T.: 6.168 min
Delta R.T.: 0.018 min
Response: 14793833
Conc: 103.22 ng/ml



#29 AR-1254-4

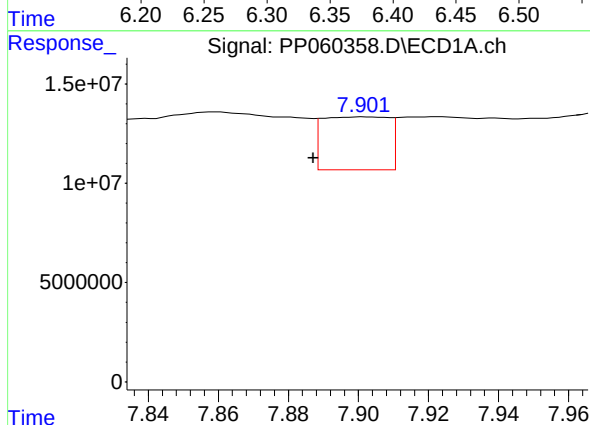
R.T.: 7.442 min
Delta R.T.: -0.022 min
Response: 121156308
Conc: 1232.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



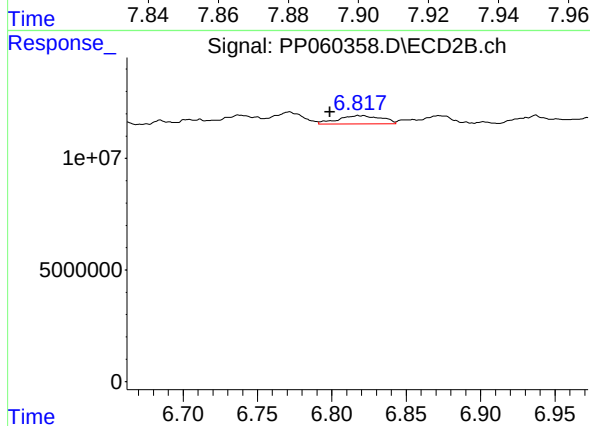
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: -0.009 min
Response: 24246513
Conc: 278.17 ng/ml



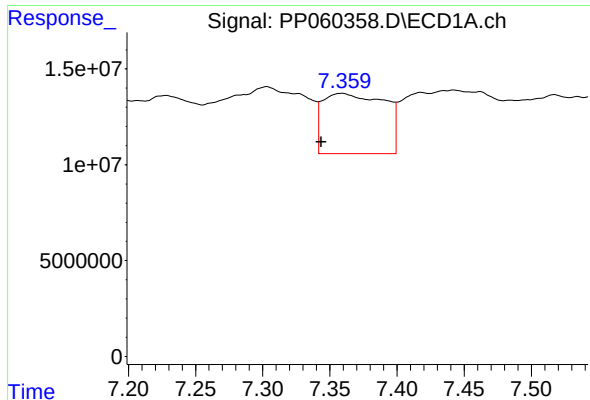
#30 AR-1254-5

R.T.: 7.902 min
Delta R.T.: 0.015 min
Response: 35037765
Conc: 323.40 ng/ml



#30 AR-1254-5

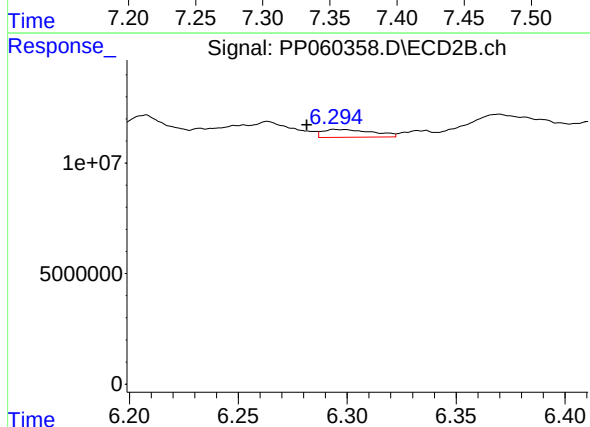
R.T.: 6.818 min
Delta R.T.: 0.020 min
Response: 7519698
Conc: 59.34 ng/ml



#31 AR-1260-1

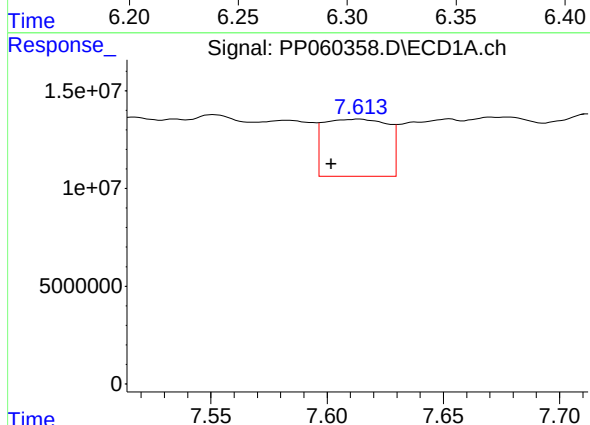
R.T.: 7.359 min
Delta R.T.: 0.015 min
Response: 100368113
Conc: 957.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



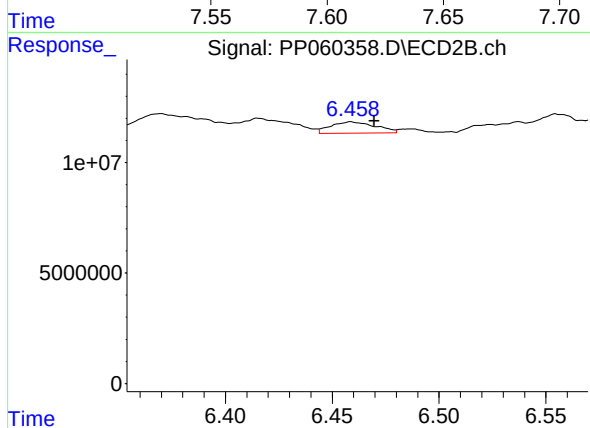
#31 AR-1260-1

R.T.: 6.295 min
Delta R.T.: 0.013 min
Response: 5713936
Conc: 56.93 ng/ml



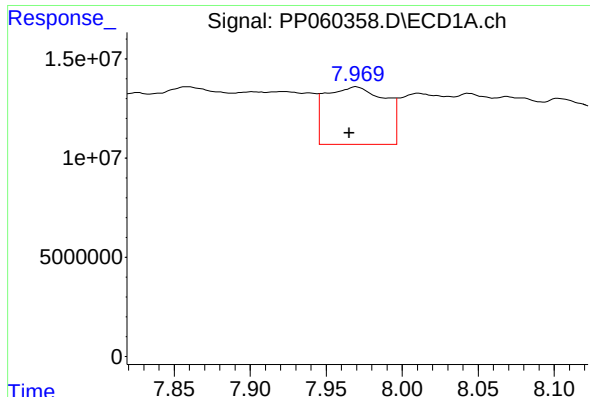
#32 AR-1260-2

R.T.: 7.614 min
Delta R.T.: 0.012 min
Response: 56327123
Conc: 465.87 ng/ml



#32 AR-1260-2

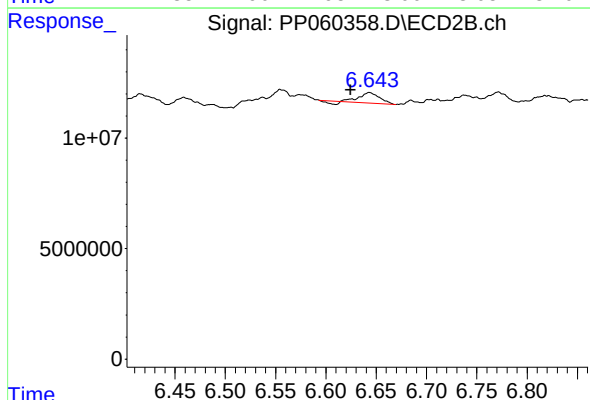
R.T.: 6.459 min
Delta R.T.: -0.011 min
Response: 7531692
Conc: 63.13 ng/ml



#33 AR-1260-3

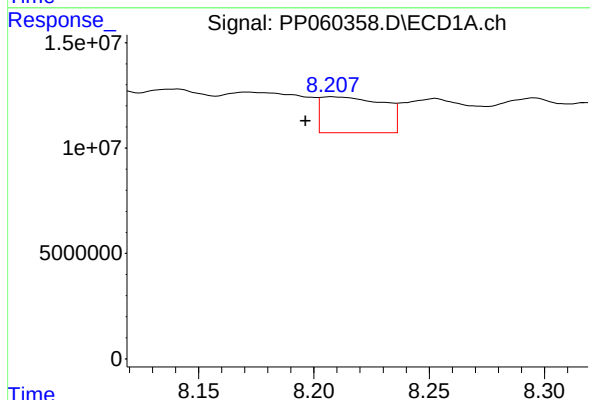
R.T.: 7.970 min
Delta R.T.: 0.005 min
Response: 79511691
Conc: 857.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



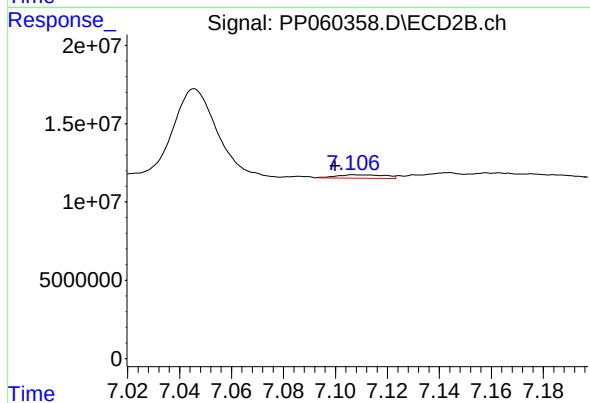
#33 AR-1260-3

R.T.: 6.643 min
Delta R.T.: 0.018 min
Response: 6201337
Conc: 54.16 ng/ml



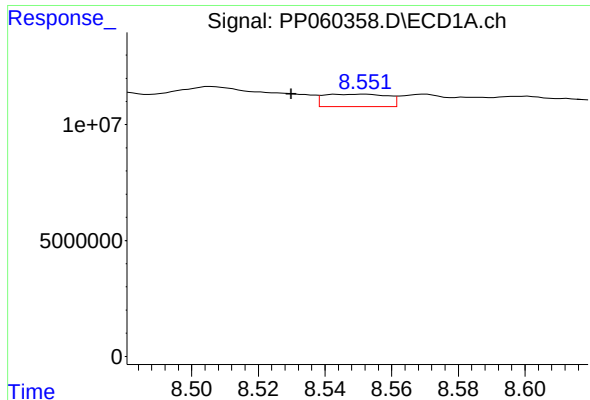
#34 AR-1260-4

R.T.: 8.208 min
Delta R.T.: 0.012 min
Response: 31975248
Conc: 301.51 ng/ml



#34 AR-1260-4

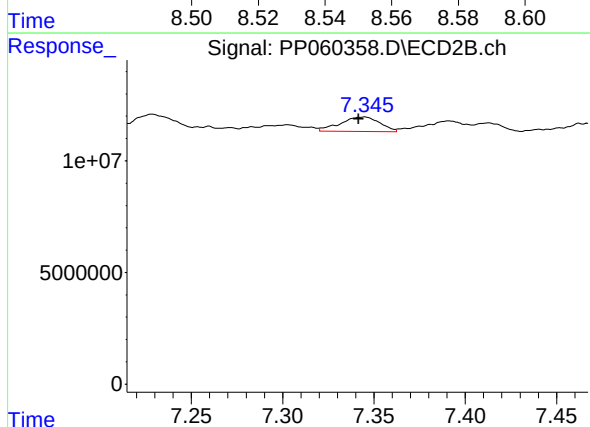
R.T.: 7.107 min
Delta R.T.: 0.007 min
Response: 2813363
Conc: 29.56 ng/ml



#35 AR-1260-5

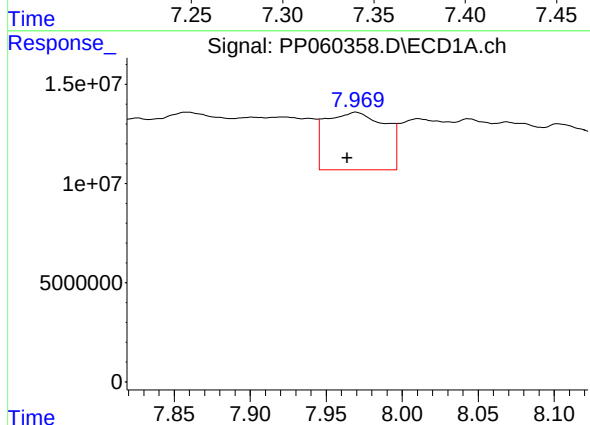
R.T.: 8.551 min
Delta R.T.: 0.021 min
Response: 7089517
Conc: 36.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



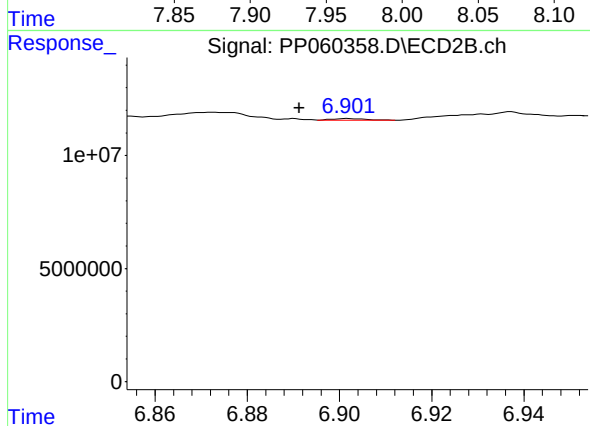
#35 AR-1260-5

R.T.: 7.345 min
Delta R.T.: 0.003 min
Response: 9761006
Conc: 45.04 ng/ml



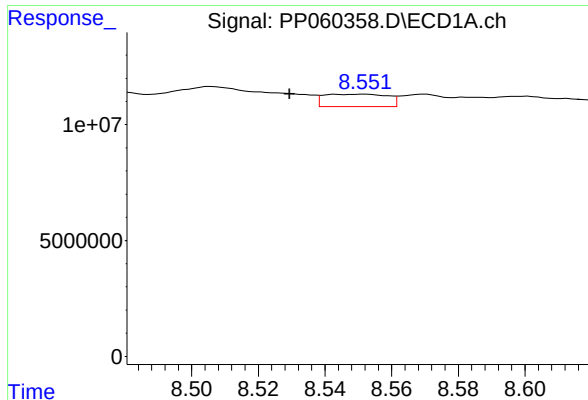
#36 AR-1262-1

R.T.: 7.970 min
Delta R.T.: 0.006 min
Response: 79511691
Conc: 637.44 ng/ml



#36 AR-1262-1

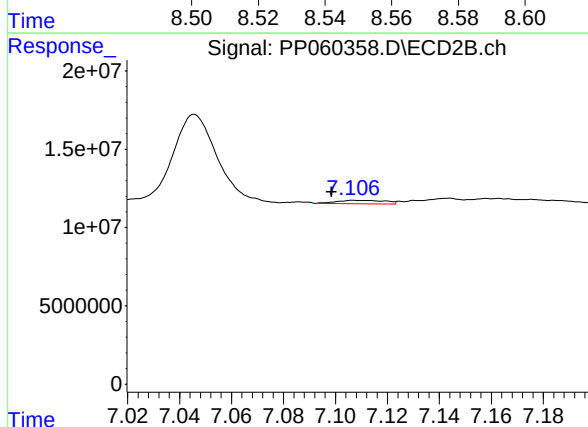
R.T.: 6.902 min
Delta R.T.: 0.011 min
Response: 387888
Conc: 7.24 ng/ml



#37 AR-1262-2

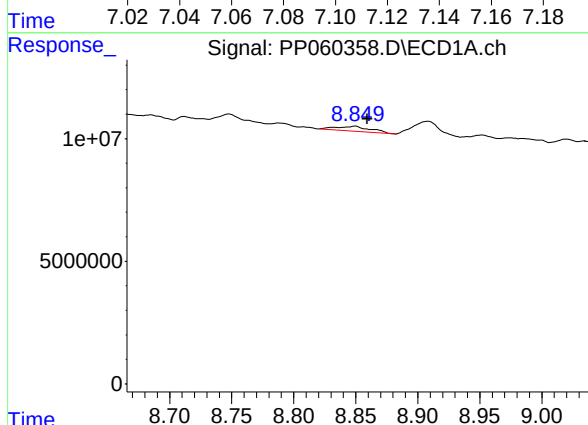
R.T.: 8.551 min
Delta R.T.: 0.022 min
Response: 7089517
Conc: 33.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



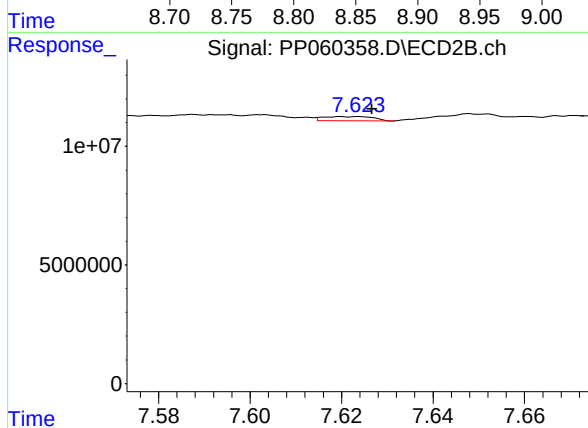
#37 AR-1262-2

R.T.: 7.107 min
Delta R.T.: 0.009 min
Response: 2813363
Conc: 23.85 ng/ml



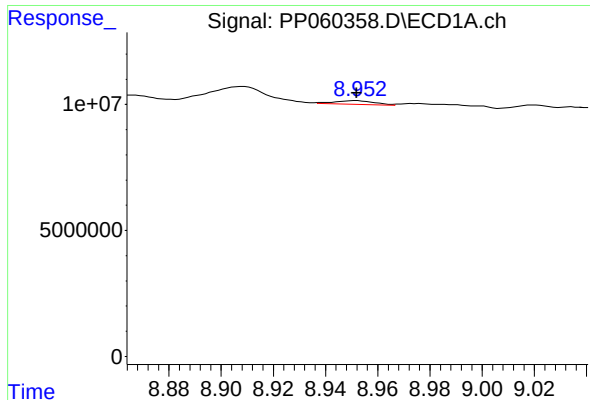
#38 AR-1262-3

R.T.: 8.849 min
Delta R.T.: -0.010 min
Response: 3854291
Conc: 25.47 ng/ml



#38 AR-1262-3

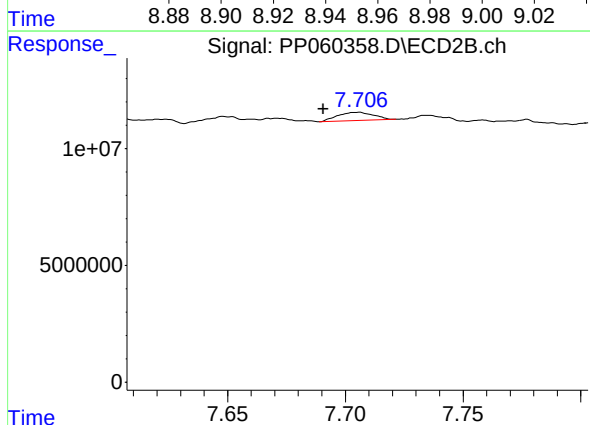
R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 1344908
Conc: 14.59 ng/ml



#39 AR-1262-4

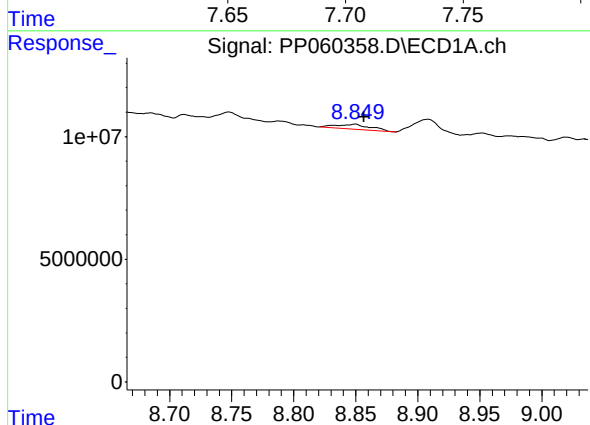
R.T.: 8.951 min
Delta R.T.: 0.000 min
Response: 1553829
Conc: 12.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



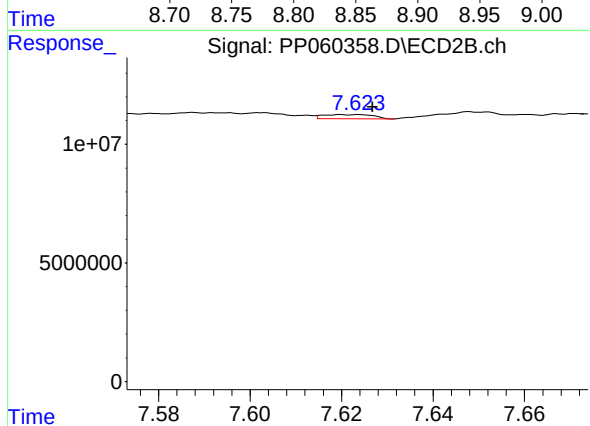
#39 AR-1262-4

R.T.: 7.705 min
Delta R.T.: 0.014 min
Response: 3732747
Conc: 22.16 ng/ml



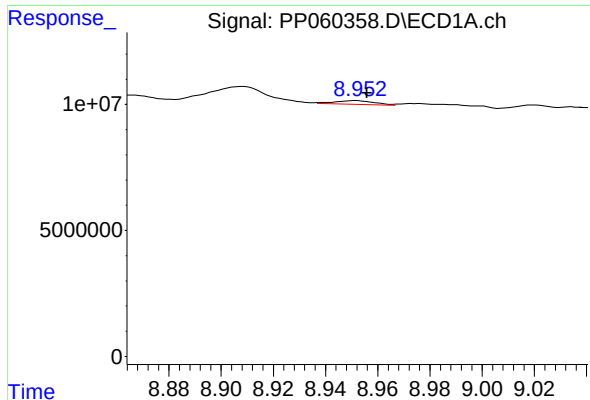
#41 AR-1268-1

R.T.: 8.849 min
Delta R.T.: -0.007 min
Response: 3854291
Conc: 14.53 ng/ml



#41 AR-1268-1

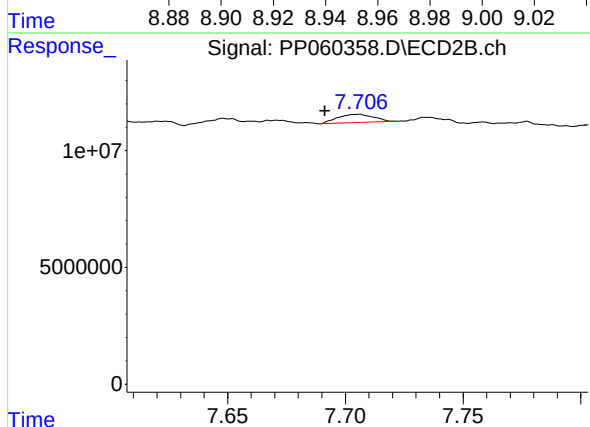
R.T.: 7.623 min
Delta R.T.: -0.004 min
Response: 1344908
Conc: 4.95 ng/ml



#42 AR-1268-2

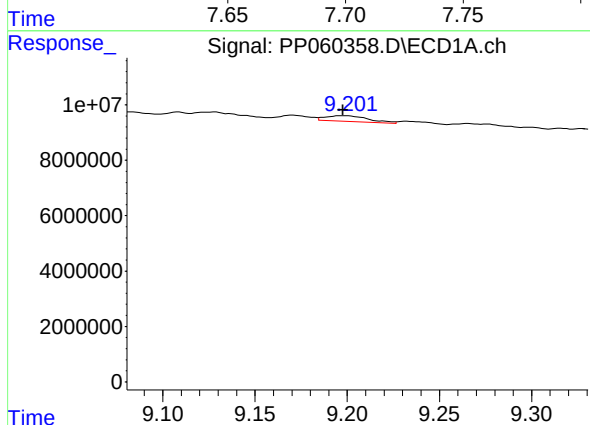
R.T.: 8.951 min
Delta R.T.: -0.005 min
Response: 1553829
Conc: 6.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



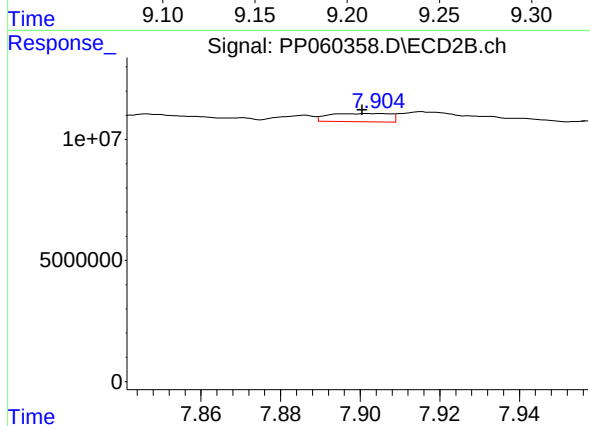
#42 AR-1268-2

R.T.: 7.705 min
Delta R.T.: 0.014 min
Response: 3732747
Conc: 15.31 ng/ml



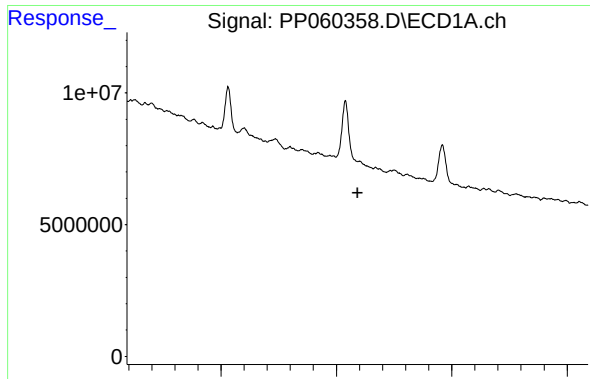
#43 AR-1268-3

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 3267779
Conc: 15.62 ng/ml



#43 AR-1268-3

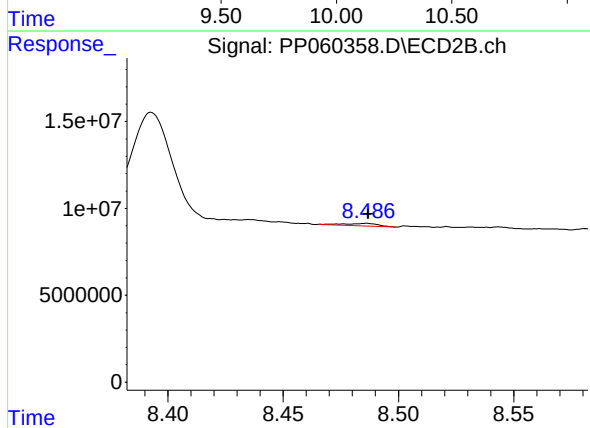
R.T.: 7.903 min
Delta R.T.: 0.002 min
Response: 3674144
Conc: 17.18 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.091 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.486 min
Delta R.T.: 0.000 min
Response: 1476061
Conc: 2.36 ng/ml