

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
 Data File : PP060238.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 23:44
 Operator : YP\AJ
 Sample : 04582-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 02:55:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.507	3.663	43394635	31947934	20.860	19.614
2) SA Decachlor...	10.422	8.730	39399394	31927237	25.830	21.086
Target Compounds						
3) L1 AR-1016-1	0.000	4.778	0	247217	N.D.	4.112 #
4) L1 AR-1016-2	0.000	4.778f	0	247217	N.D.	2.978 #
5) L1 AR-1016-3	0.000	4.961	0	401269	N.D.	8.945 #
6) L1 AR-1016-4	0.000	5.010	0	115725	N.D.	3.280 #
7) L1 AR-1016-5	0.000	5.240	0	37534	N.D.	0.807 #
8) L2 AR-1221-1	4.716	3.890	730629	2663569	27.485	121.265 #
9) L2 AR-1221-2	4.818	3.958f	722827	2198798	36.723	142.419 #
10) L2 AR-1221-3	0.000	4.061	0	298243	N.D.	6.359 #
11) L3 AR-1232-1	0.000	4.061	0	298243	N.D.	7.846 #
12) L3 AR-1232-2	0.000	4.778f	0	247217	N.D.	6.705 #
13) L3 AR-1232-3	0.000	4.961	0	401269	N.D.	20.040 #
14) L3 AR-1232-4	0.000	5.062	0	64390	N.D.	3.525 #
15) L3 AR-1232-5	0.000	5.240	0	37534	N.D.	1.872 #
16) L4 AR-1242-1	0.000	4.778	0	247217	N.D.	4.694 #
17) L4 AR-1242-2	0.000	4.778f	0	247217	N.D.	3.431 #
18) L4 AR-1242-3	0.000	4.961	0	401269	N.D.	10.254 #
19) L4 AR-1242-4	0.000	5.062	0	64390	N.D.	1.643 #
20) L4 AR-1242-5	0.000	5.573	0	1116708	N.D.	23.082 #
21) L5 AR-1248-1	0.000	4.778	0	247217	N.D.	6.327 #
22) L5 AR-1248-2	0.000	5.010	0	115725	N.D.	2.136 #
23) L5 AR-1248-3	0.000	5.050	0	82189	N.D.	1.444 #
24) L5 AR-1248-4	6.564f	5.240	383679	37534	4.961	0.559 #
25) L5 AR-1248-5	0.000	5.622	0	50339	N.D.	0.763 #
26) L6 AR-1254-1	6.564	5.573	383679	1116708	4.806	11.127 #
27) L6 AR-1254-2	6.788	5.719	1406446	493236	11.743	5.677 #
28) L6 AR-1254-3	7.160	6.149	2656941	1819469	21.871	12.959 #
29) L6 AR-1254-4	7.441	6.357	1591589	304171	17.897	3.614 #
30) L6 AR-1254-5	7.884	6.807	6904303	40375	70.977	0.340 #
31) L7 AR-1260-1	7.318	6.262	1172585	875203	13.009	9.399 #
32) L7 AR-1260-2	7.567f	6.485f	4748458	317414	46.287	2.895 #
33) L7 AR-1260-3	7.939	6.603	575001	481152	7.301	4.678 #
34) L7 AR-1260-4	0.000	7.075	0	685336	N.D.	8.229 #
36) L8 AR-1262-1	7.939	6.893	575001	6289	4.968	0.125 #
37) L8 AR-1262-2	8.505	7.075f	-461809	685336	N.D.	6.066 #
38) L8 AR-1262-3	8.846	7.630	722122	14862	5.015	0.170 #
39) L8 AR-1262-4	8.919	7.668f	2012461	954110	17.722	5.842 #
41) L9 AR-1268-1	8.846	7.630	722122	14862	2.880	0.057 #
42) L9 AR-1268-2	8.919f	7.668f	2012461	954110	8.769	4.127 #
43) L9 AR-1268-3	0.000	7.897	0	33467	N.D.	0.164 #

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 Response via : Initial Calibration
 Integrator: ChemStation

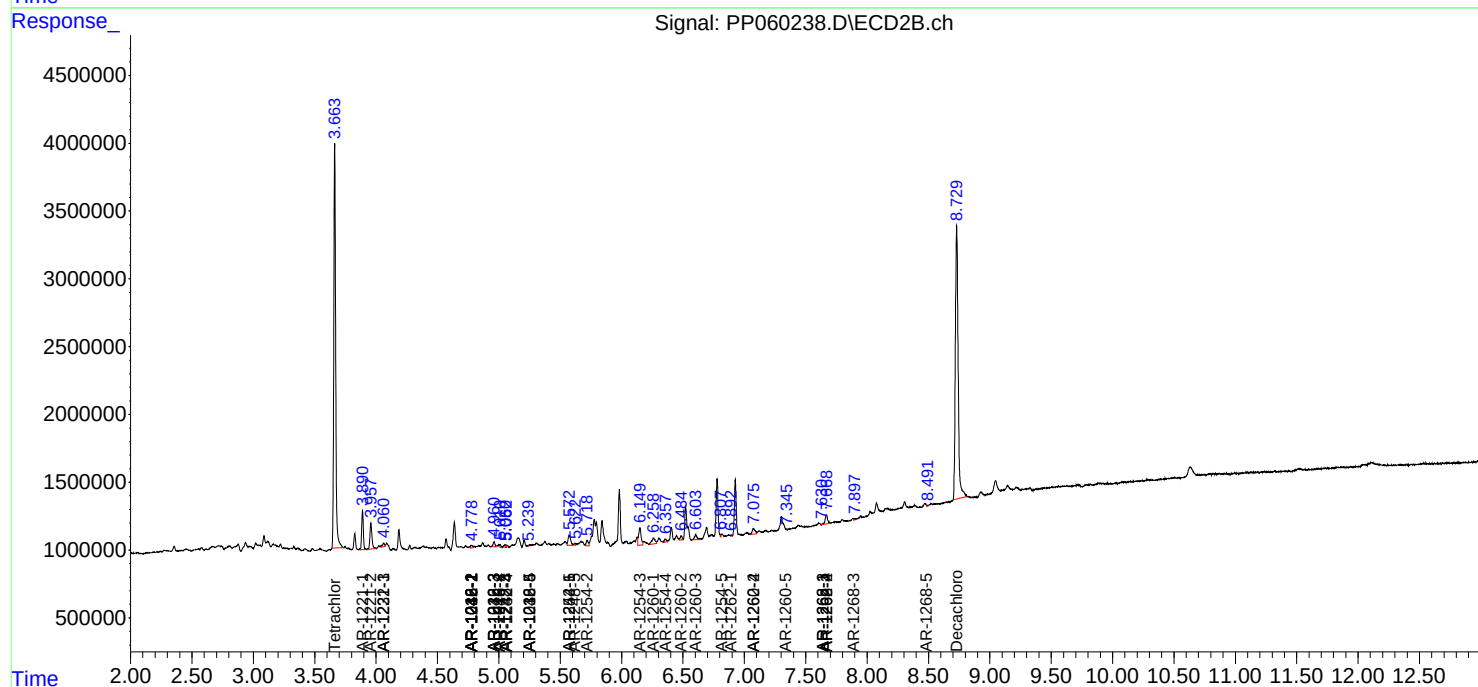
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

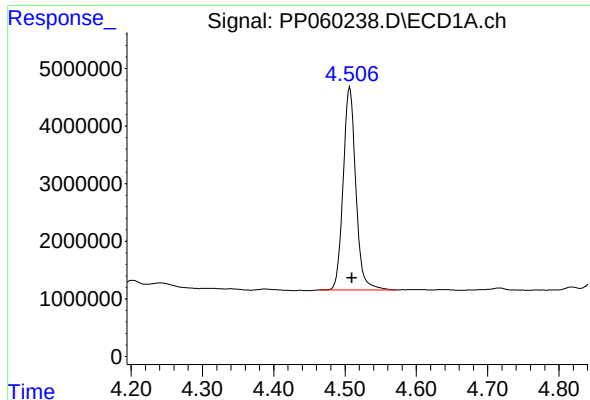
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	8.492	0	19509	N.D.	0.031 #

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

Instrument :
ECD_P
ClientSampleId :

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

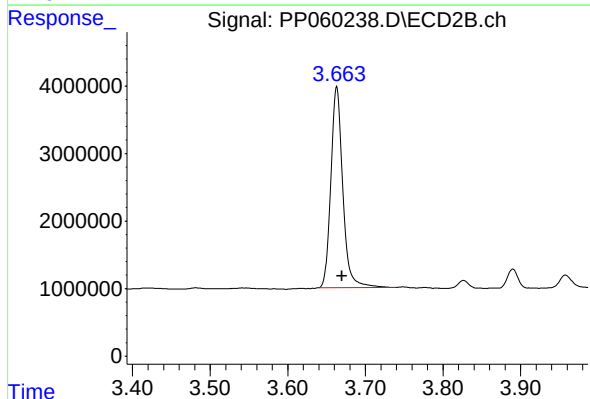




#1 Tetrachloro-m-xylene

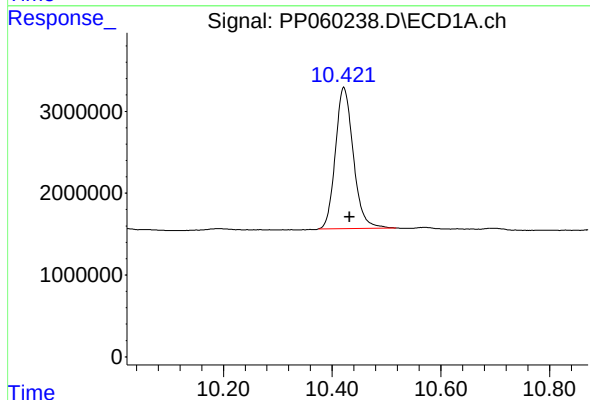
R.T.: 4.507 min
Delta R.T.: -0.003 min
Response: 43394635
Conc: 20.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



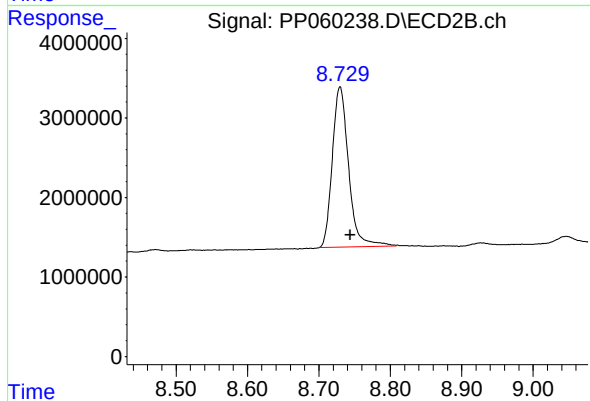
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: -0.007 min
Response: 31947934
Conc: 19.61 ng/ml



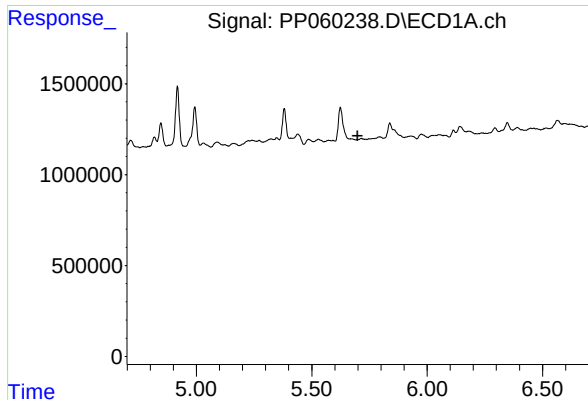
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: -0.010 min
Response: 39399394
Conc: 25.83 ng/ml



#2 Decachlorobiphenyl

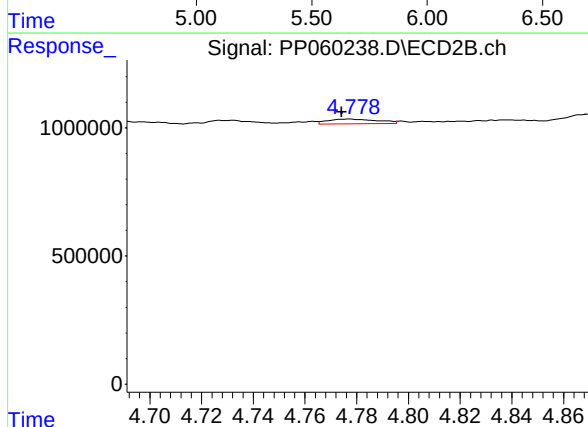
R.T.: 8.730 min
Delta R.T.: -0.014 min
Response: 31927237
Conc: 21.09 ng/ml



#3 AR-1016-1

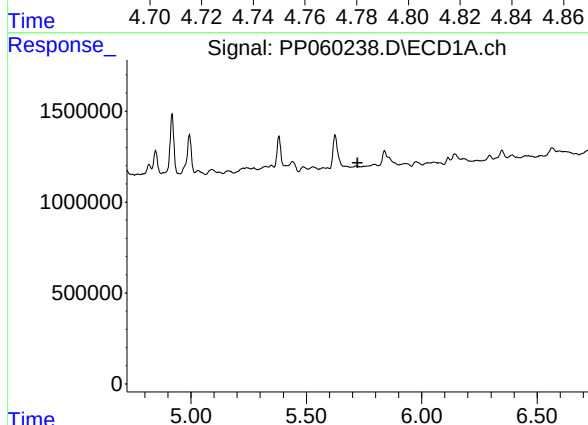
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



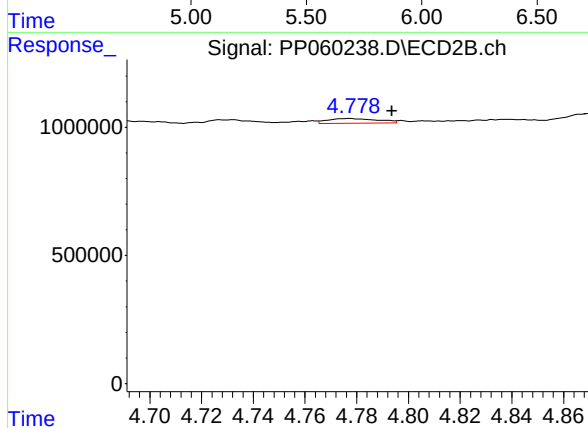
#3 AR-1016-1

R.T.: 4.778 min
Delta R.T.: 0.004 min
Response: 247217
Conc: 4.11 ng/ml



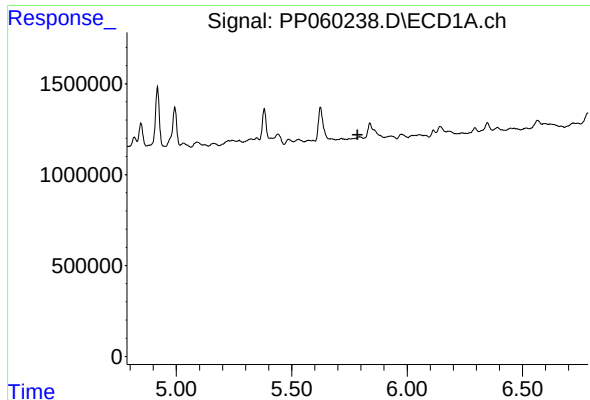
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#4 AR-1016-2

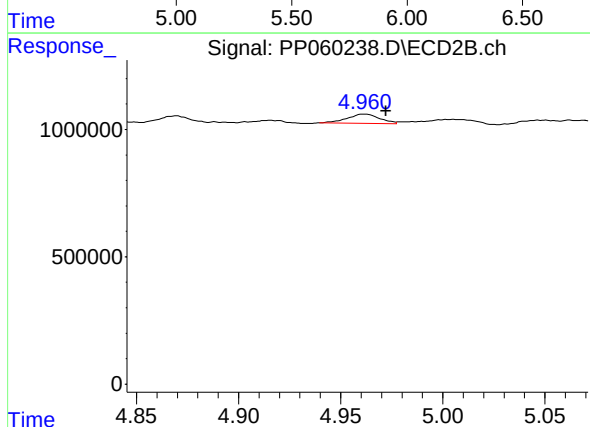
R.T.: 4.778 min
Delta R.T.: -0.016 min
Response: 247217
Conc: 2.98 ng/ml



#5 AR-1016-3

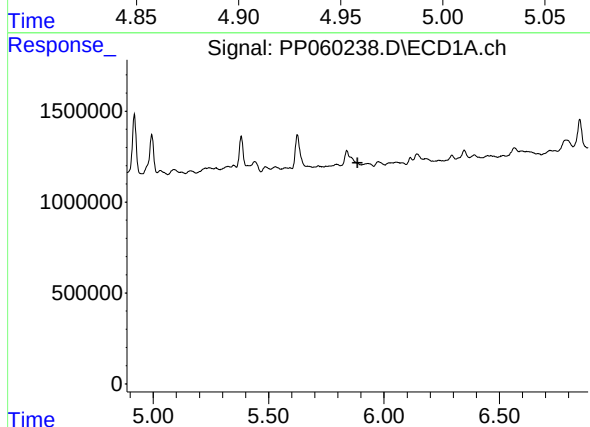
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



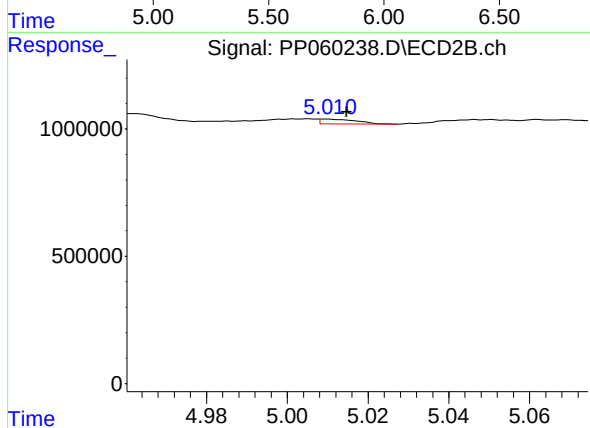
#5 AR-1016-3

R.T.: 4.961 min
Delta R.T.: -0.011 min
Response: 401269
Conc: 8.95 ng/ml



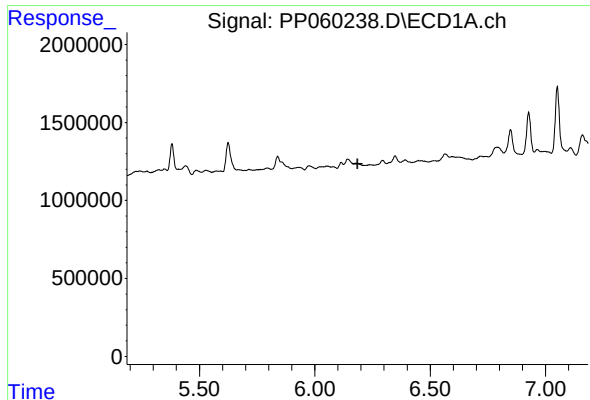
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#6 AR-1016-4

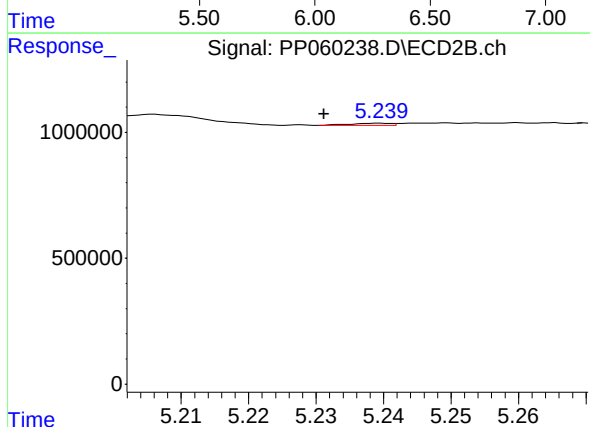
R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 115725
Conc: 3.28 ng/ml



#7 AR-1016-5

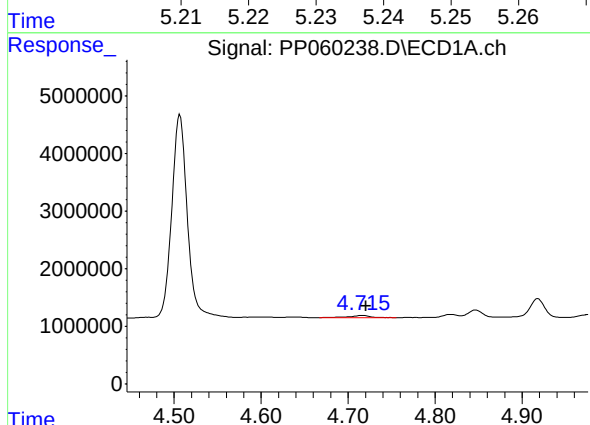
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



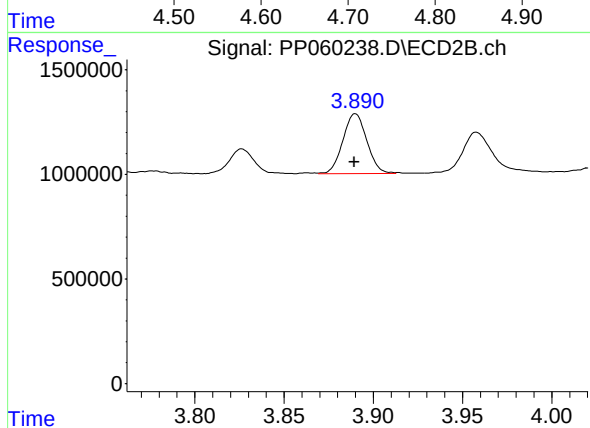
#7 AR-1016-5

R.T.: 5.240 min
Delta R.T.: 0.008 min
Response: 37534
Conc: 0.81 ng/ml



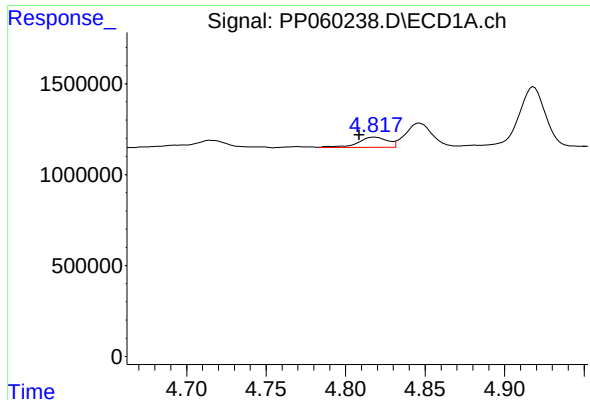
#8 AR-1221-1

R.T.: 4.716 min
Delta R.T.: -0.005 min
Response: 730629
Conc: 27.48 ng/ml



#8 AR-1221-1

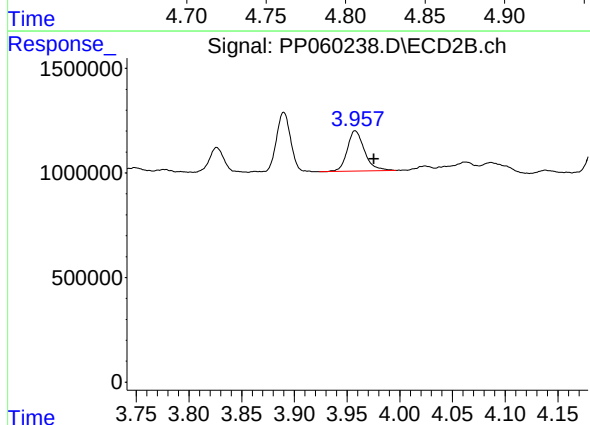
R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 2663569
Conc: 121.27 ng/ml



#9 AR-1221-2

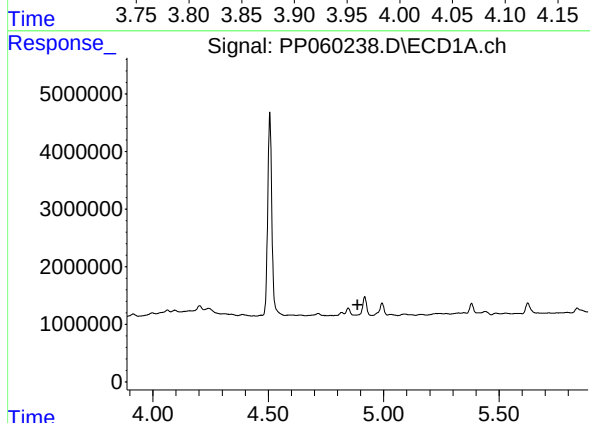
R.T.: 4.818 min
Delta R.T.: 0.009 min
Response: 722827
Conc: 36.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



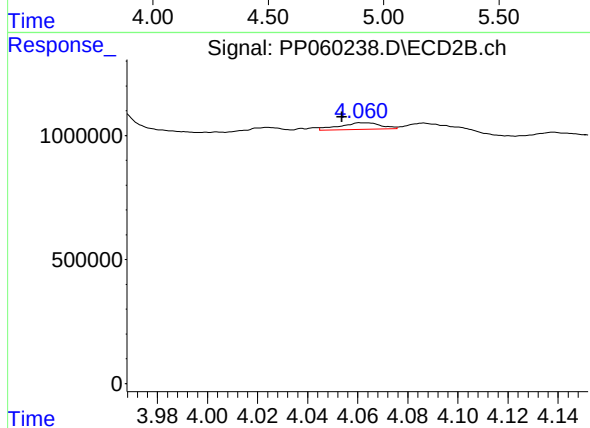
#9 AR-1221-2

R.T.: 3.958 min
Delta R.T.: -0.018 min
Response: 2198798
Conc: 142.42 ng/ml



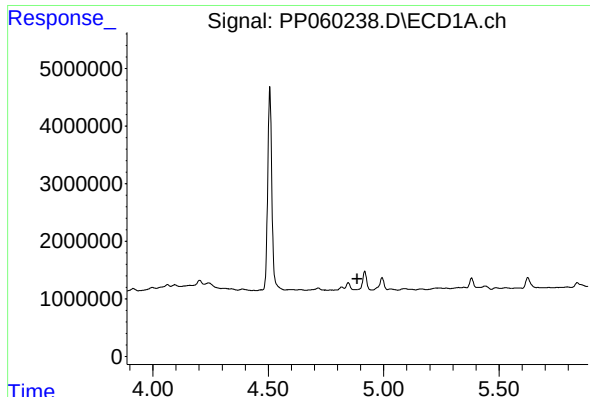
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.



#10 AR-1221-3

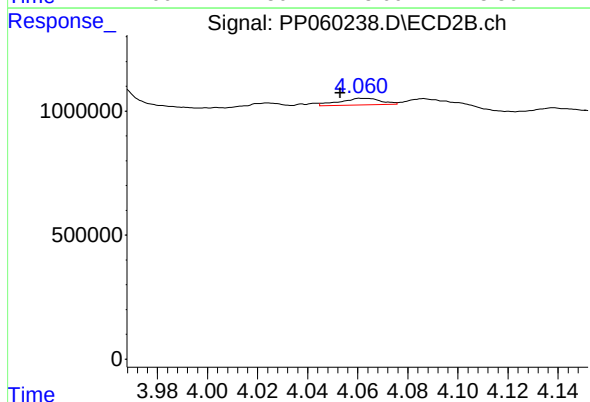
R.T.: 4.061 min
Delta R.T.: 0.007 min
Response: 298243
Conc: 6.36 ng/ml



#11 AR-1232-1

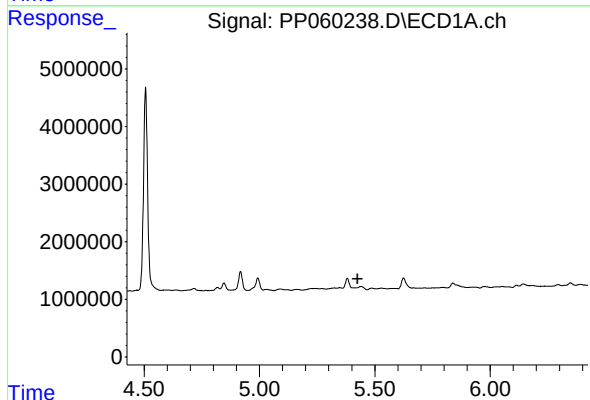
R.T.: 0.000 min
Exp R.T.: 4.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



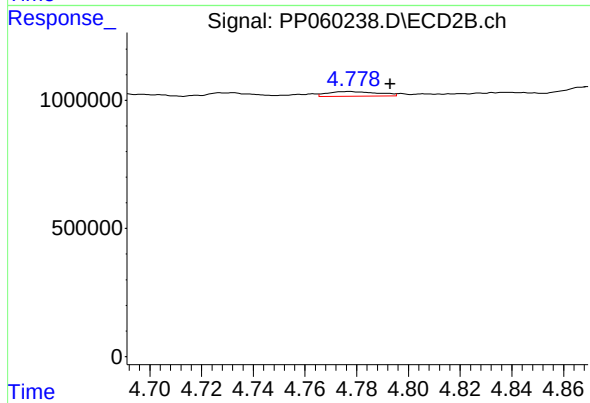
#11 AR-1232-1

R.T.: 4.061 min
Delta R.T.: 0.008 min
Response: 298243
Conc: 7.85 ng/ml



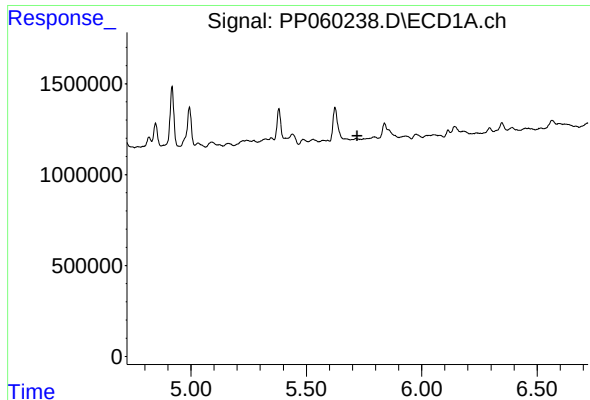
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.426 min
Response: 0
Conc: N.D.



#12 AR-1232-2

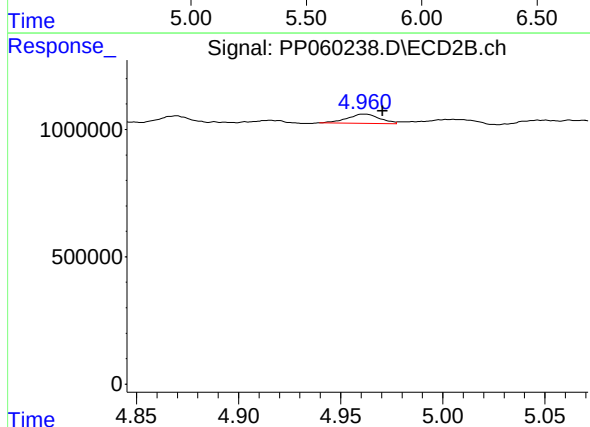
R.T.: 4.778 min
Delta R.T.: -0.015 min
Response: 247217
Conc: 6.70 ng/ml



#13 AR-1232-3

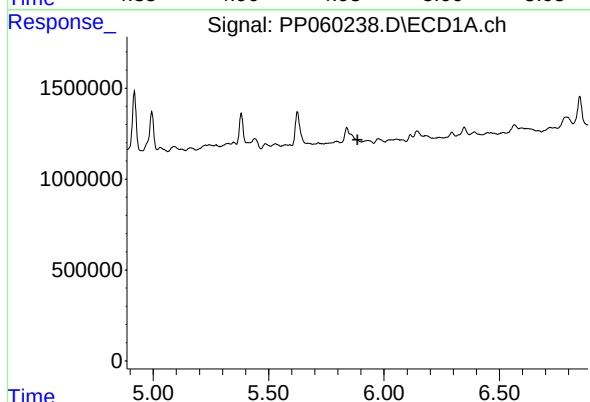
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



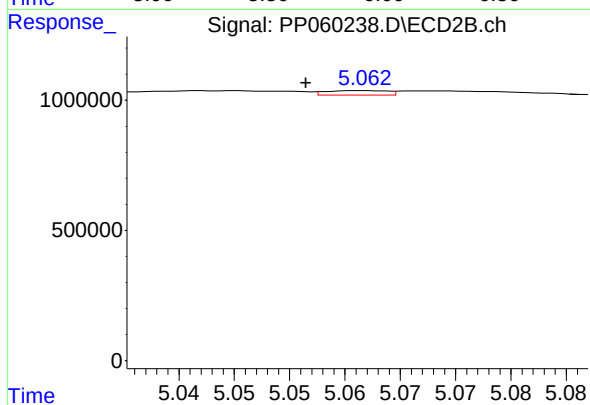
#13 AR-1232-3

R.T.: 4.961 min
Delta R.T.: -0.010 min
Response: 401269
Conc: 20.04 ng/ml



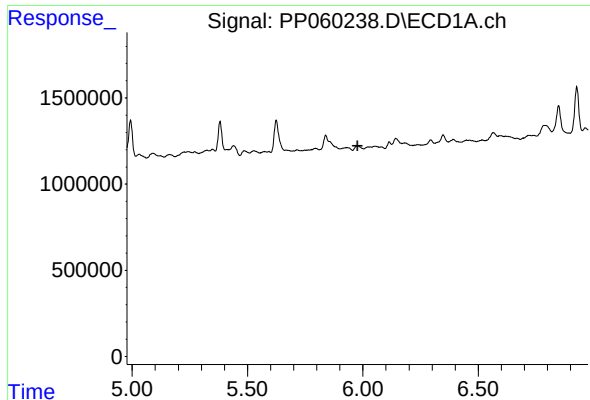
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.



#14 AR-1232-4

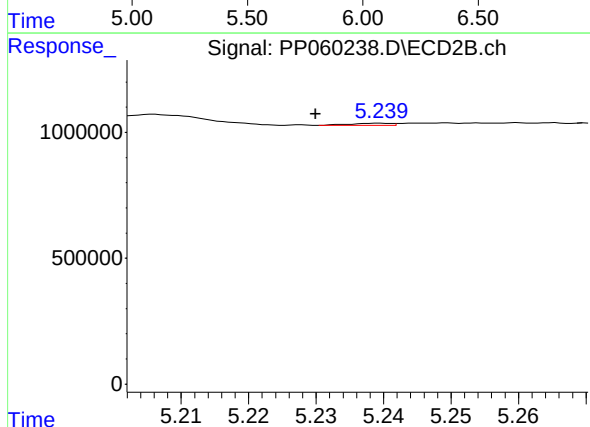
R.T.: 5.062 min
Delta R.T.: 0.005 min
Response: 64390
Conc: 3.53 ng/ml



#15 AR-1232-5

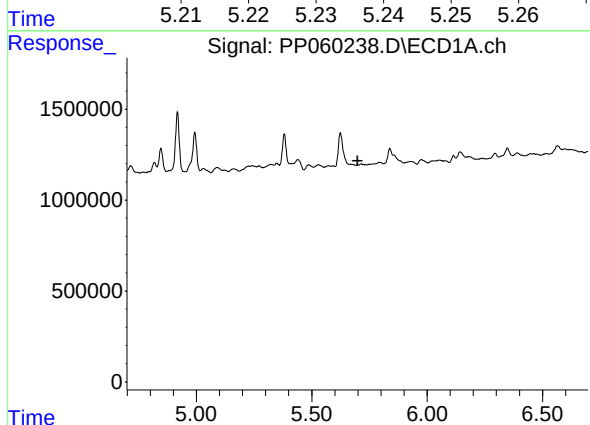
R.T.: 0.000 min
Exp R.T.: 5.976 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



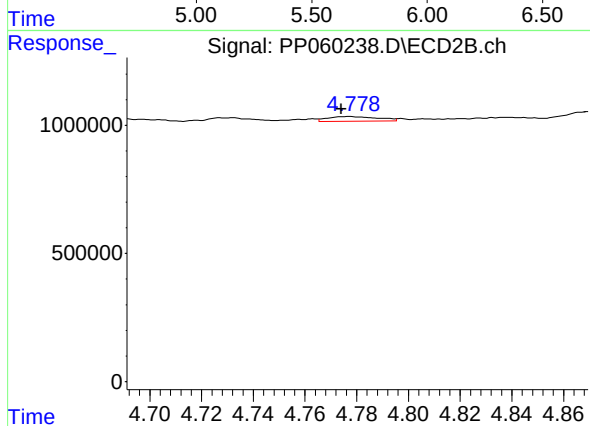
#15 AR-1232-5

R.T.: 5.240 min
Delta R.T.: 0.010 min
Response: 37534
Conc: 1.87 ng/ml



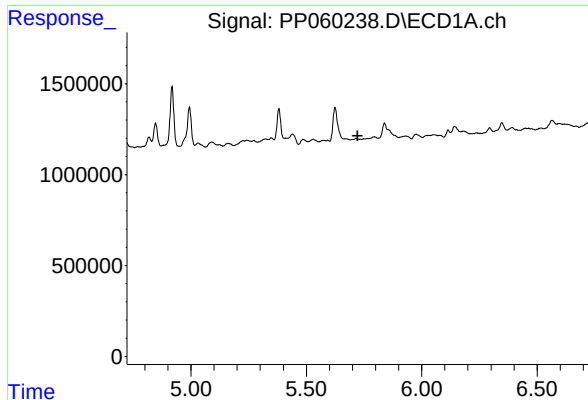
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.



#16 AR-1242-1

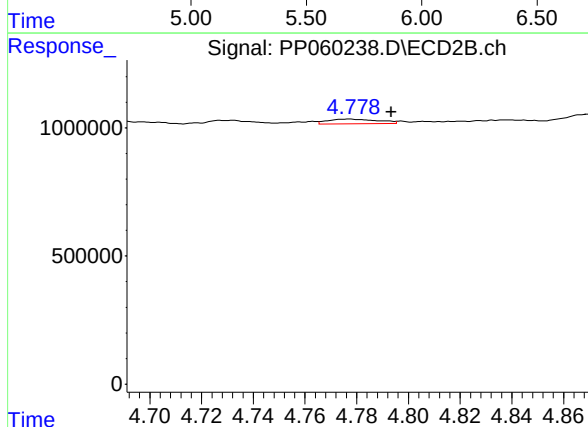
R.T.: 4.778 min
Delta R.T.: 0.004 min
Response: 247217
Conc: 4.69 ng/ml



#17 AR-1242-2

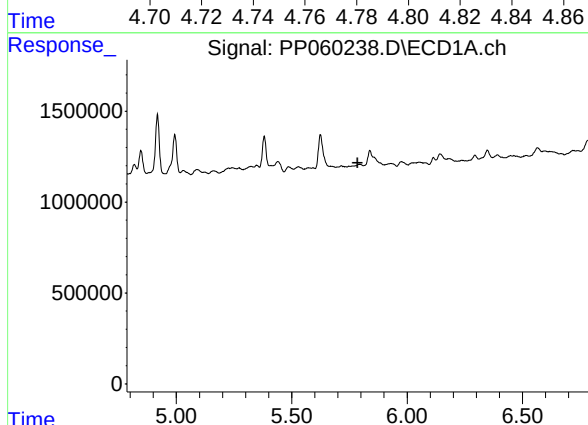
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



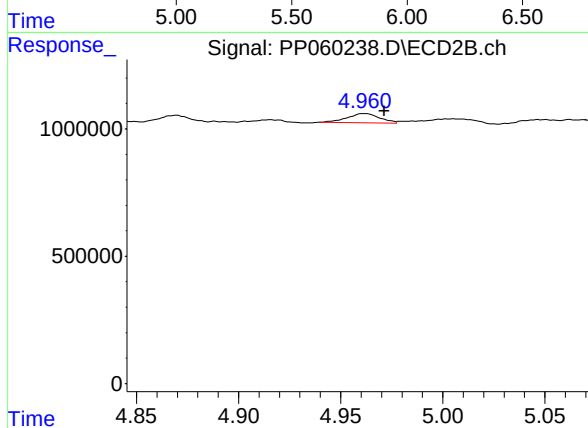
#17 AR-1242-2

R.T.: 4.778 min
Delta R.T.: -0.016 min
Response: 247217
Conc: 3.43 ng/ml



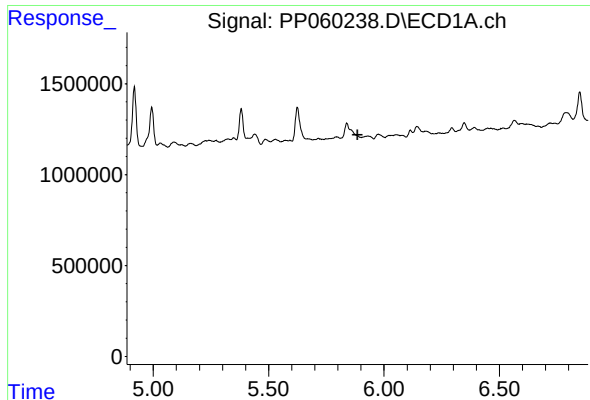
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.



#18 AR-1242-3

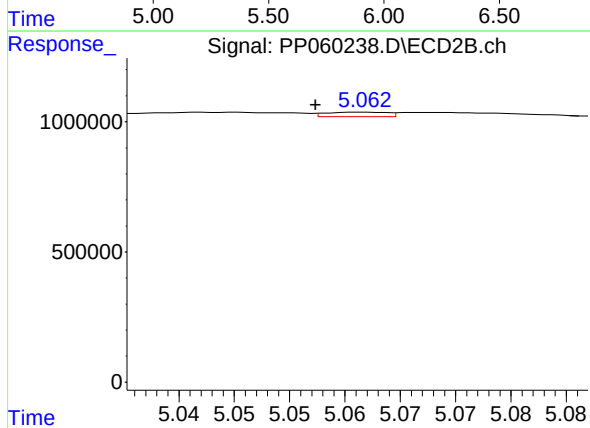
R.T.: 4.961 min
Delta R.T.: -0.010 min
Response: 401269
Conc: 10.25 ng/ml



#19 AR-1242-4

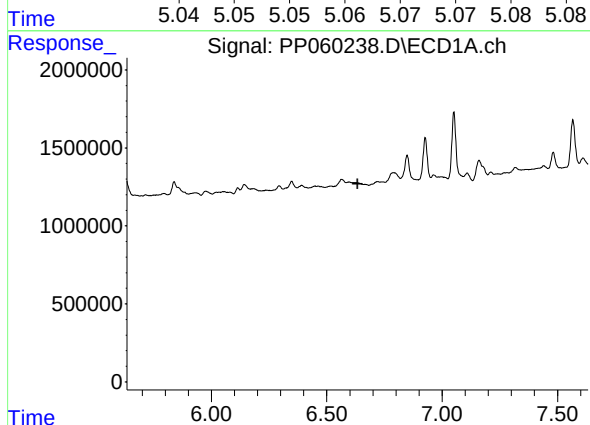
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



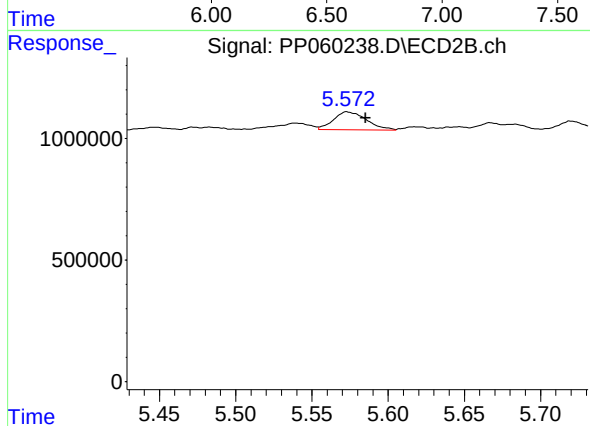
#19 AR-1242-4

R.T.: 5.062 min
Delta R.T.: 0.004 min
Response: 64390
Conc: 1.64 ng/ml



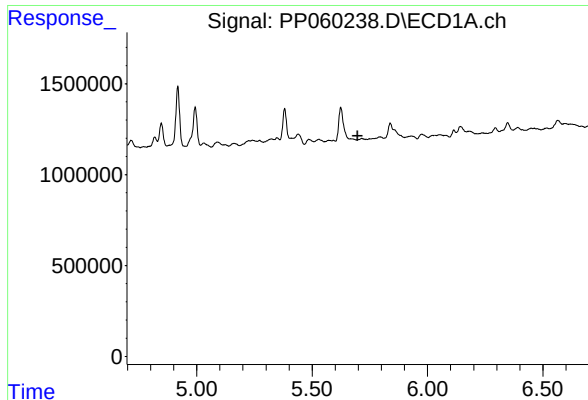
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.633 min
Response: 0
Conc: N.D.



#20 AR-1242-5

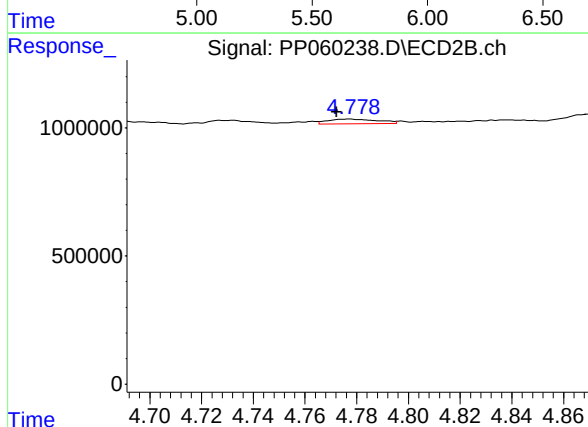
R.T.: 5.573 min
Delta R.T.: -0.013 min
Response: 1116708
Conc: 23.08 ng/ml



#21 AR-1248-1

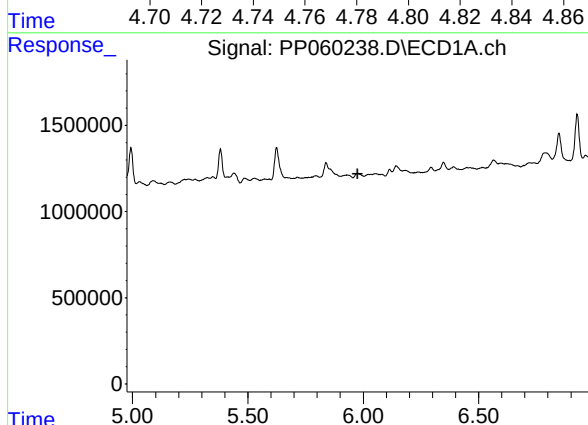
R.T.: 0.000 min
Exp R.T.: 5.697 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



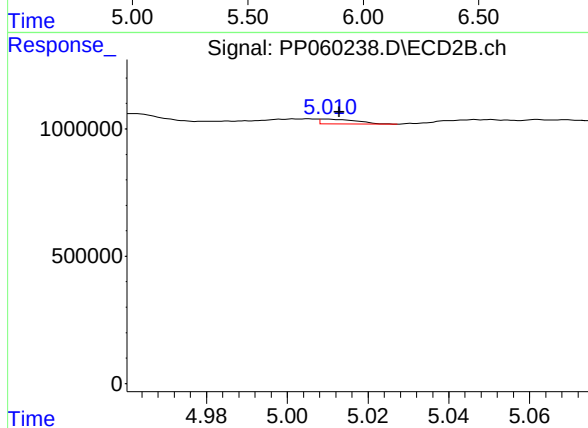
#21 AR-1248-1

R.T.: 4.778 min
Delta R.T.: 0.006 min
Response: 247217
Conc: 6.33 ng/ml



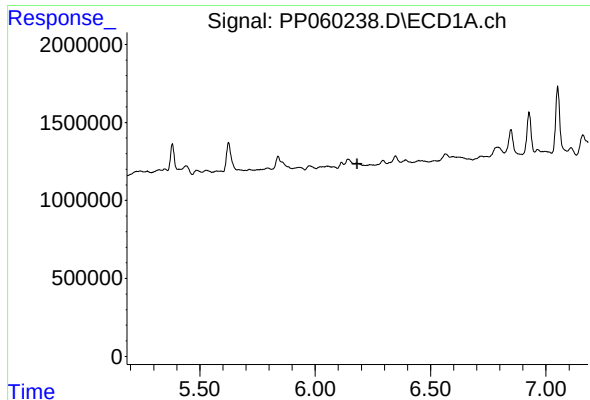
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.975 min
Response: 0
Conc: N.D.



#22 AR-1248-2

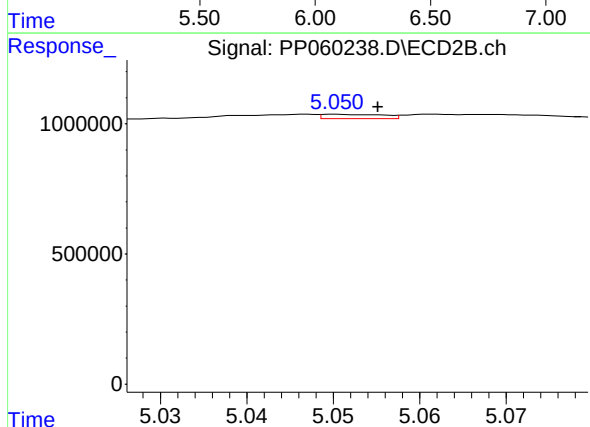
R.T.: 5.010 min
Delta R.T.: -0.003 min
Response: 115725
Conc: 2.14 ng/ml



#23 AR-1248-3

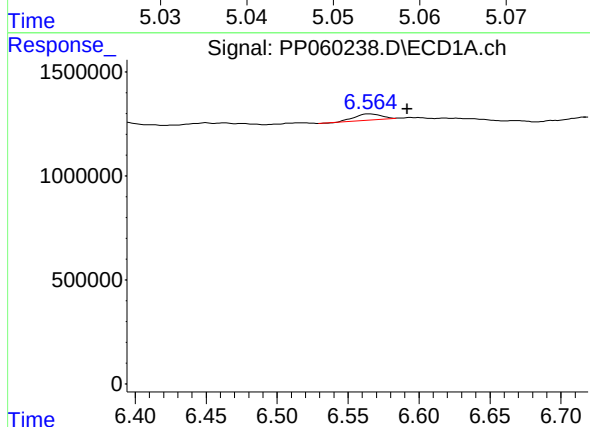
R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



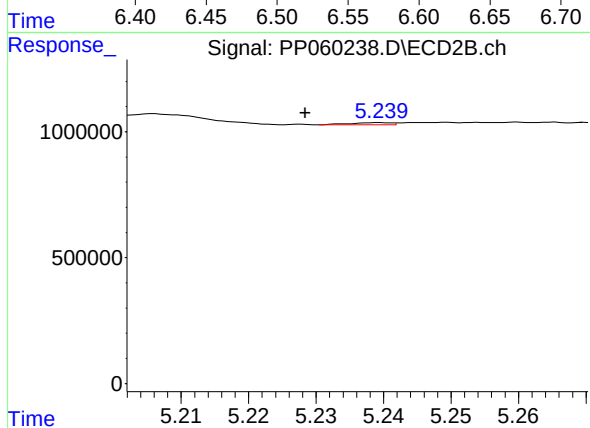
#23 AR-1248-3

R.T.: 5.050 min
Delta R.T.: -0.005 min
Response: 82189
Conc: 1.44 ng/ml



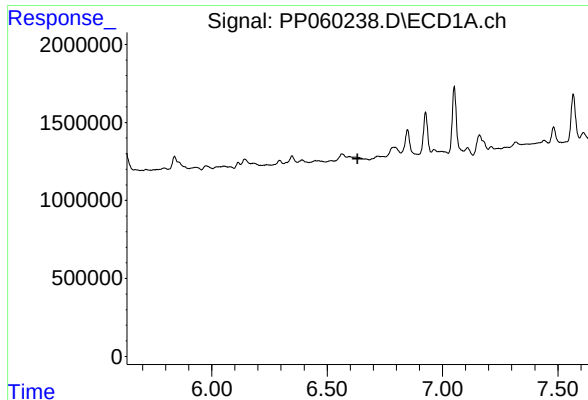
#24 AR-1248-4

R.T.: 6.564 min
Delta R.T.: -0.027 min
Response: 383679
Conc: 4.96 ng/ml



#24 AR-1248-4

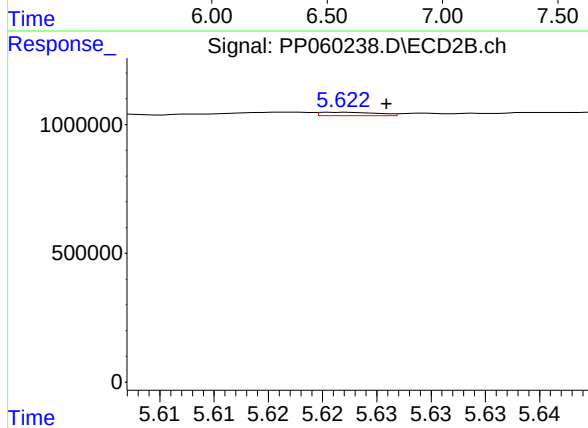
R.T.: 5.240 min
Delta R.T.: 0.011 min
Response: 37534
Conc: 0.56 ng/ml



#25 AR-1248-5

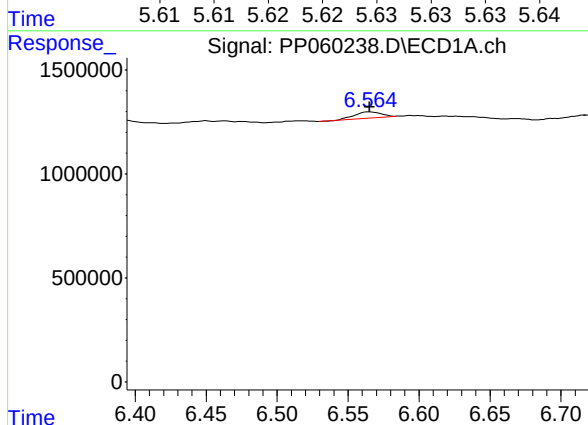
R.T.: 0.000 min
Exp R.T.: 6.631 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



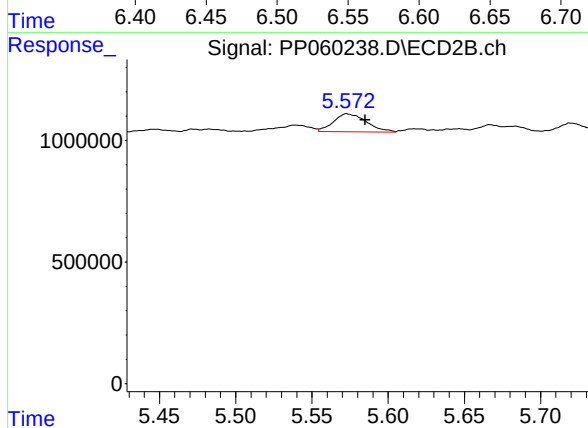
#25 AR-1248-5

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 50339
Conc: 0.76 ng/ml



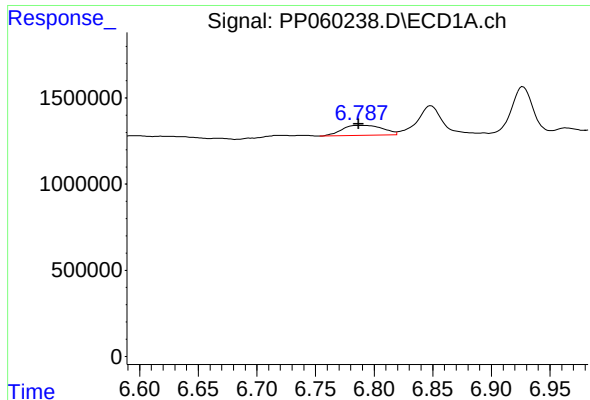
#26 AR-1254-1

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 383679
Conc: 4.81 ng/ml



#26 AR-1254-1

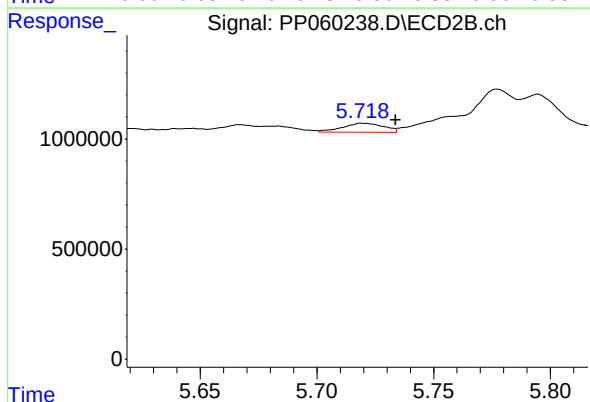
R.T.: 5.573 min
Delta R.T.: -0.012 min
Response: 1116708
Conc: 11.13 ng/ml



#27 AR-1254-2

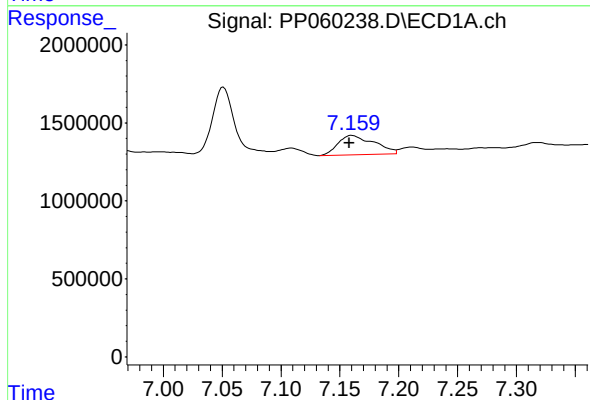
R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 1406446
Conc: 11.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



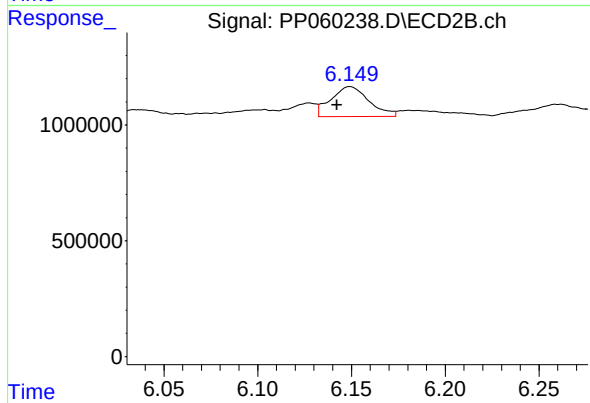
#27 AR-1254-2

R.T.: 5.719 min
Delta R.T.: -0.015 min
Response: 493236
Conc: 5.68 ng/ml



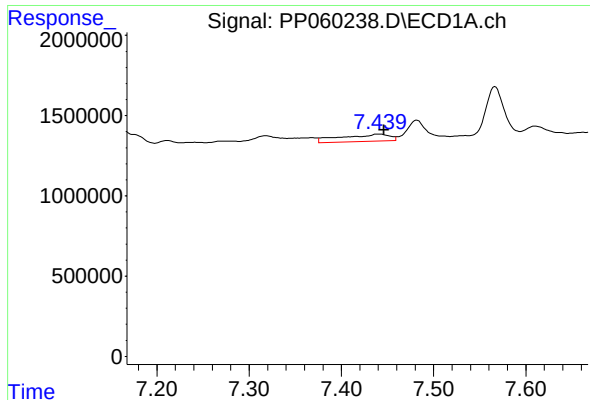
#28 AR-1254-3

R.T.: 7.160 min
Delta R.T.: 0.002 min
Response: 2656941
Conc: 21.87 ng/ml



#28 AR-1254-3

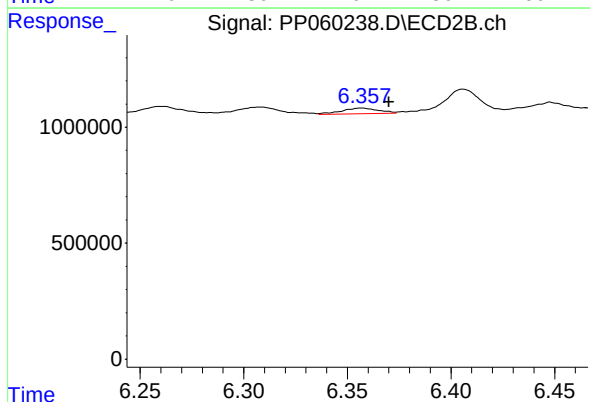
R.T.: 6.149 min
Delta R.T.: 0.007 min
Response: 1819469
Conc: 12.96 ng/ml



#29 AR-1254-4

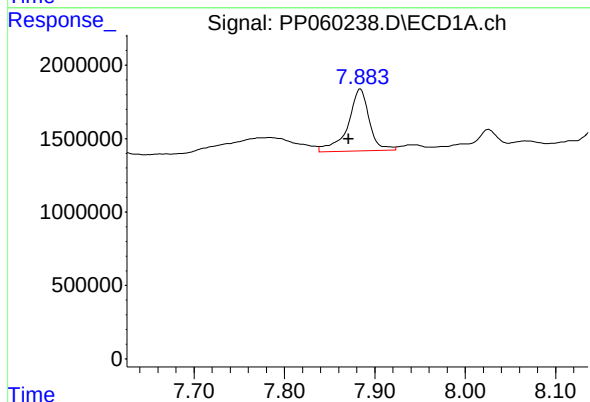
R.T.: 7.441 min
Delta R.T.: -0.005 min
Response: 1591589
Conc: 17.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



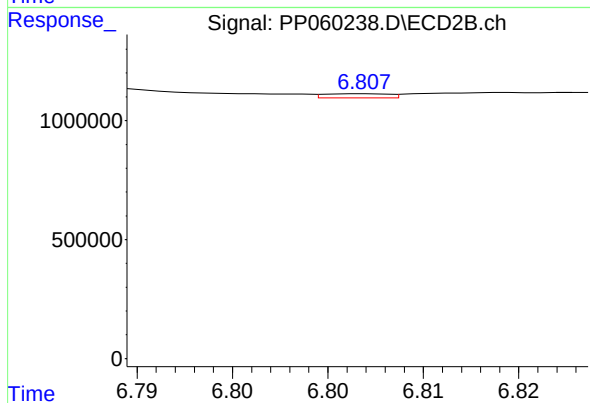
#29 AR-1254-4

R.T.: 6.357 min
Delta R.T.: -0.013 min
Response: 304171
Conc: 3.61 ng/ml



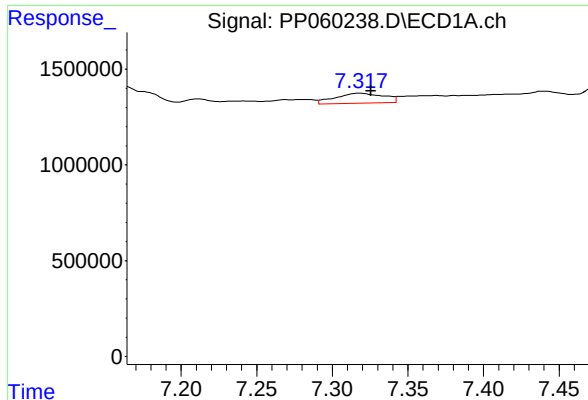
#30 AR-1254-5

R.T.: 7.884 min
Delta R.T.: 0.013 min
Response: 6904303
Conc: 70.98 ng/ml



#30 AR-1254-5

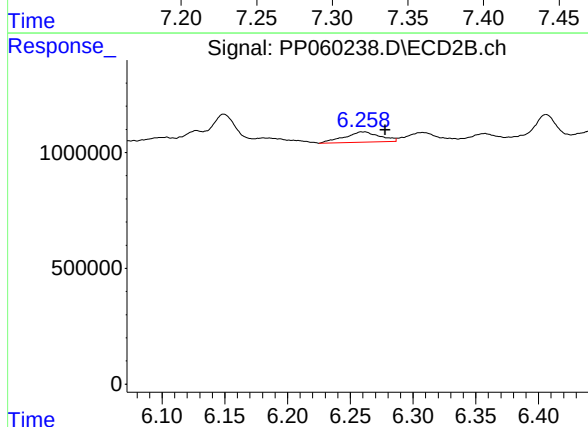
R.T.: 6.807 min
Delta R.T.: 0.014 min
Response: 40375
Conc: 0.34 ng/ml



#31 AR-1260-1

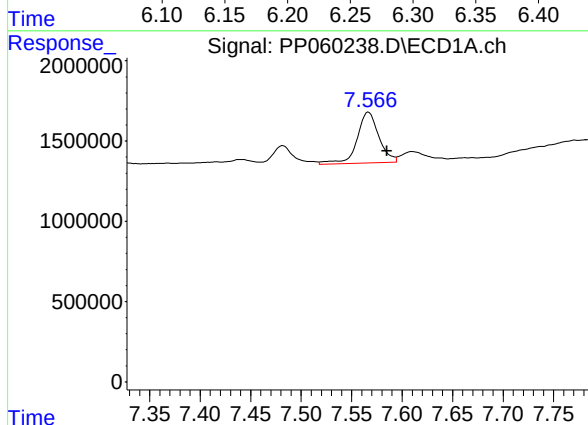
R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 1172585
Conc: 13.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



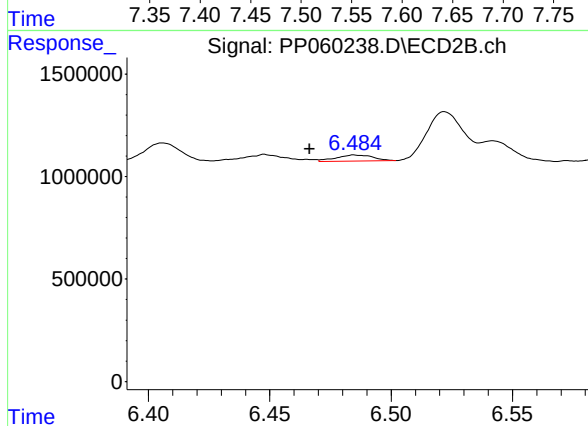
#31 AR-1260-1

R.T.: 6.262 min
Delta R.T.: -0.016 min
Response: 875203
Conc: 9.40 ng/ml



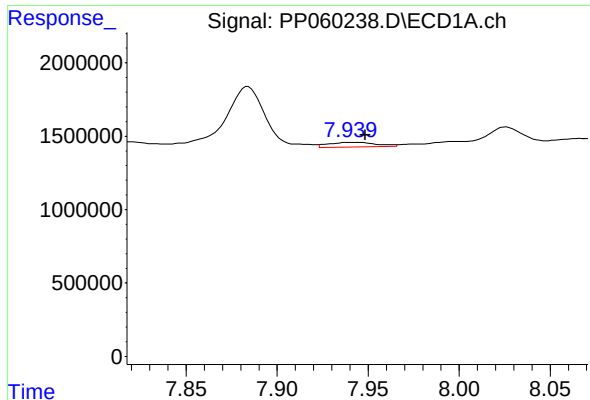
#32 AR-1260-2

R.T.: 7.567 min
Delta R.T.: -0.018 min
Response: 4748458
Conc: 46.29 ng/ml



#32 AR-1260-2

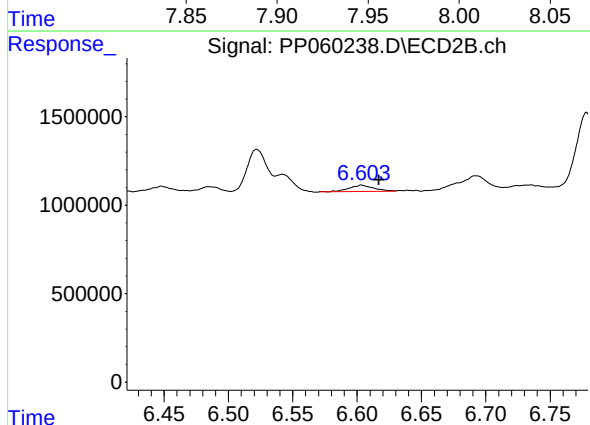
R.T.: 6.485 min
Delta R.T.: 0.018 min
Response: 317414
Conc: 2.90 ng/ml



#33 AR-1260-3

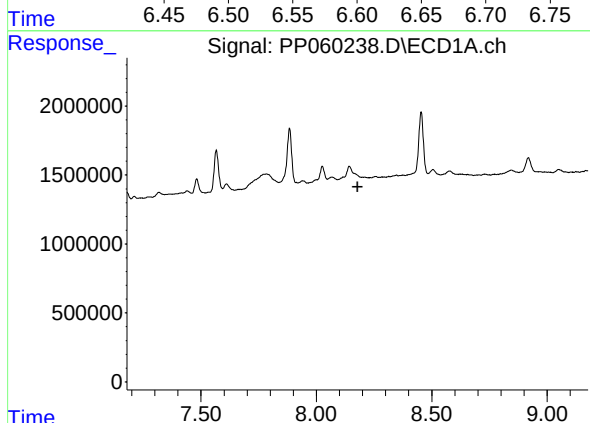
R.T.: 7.939 min
Delta R.T.: -0.009 min
Response: 575001
Conc: 7.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



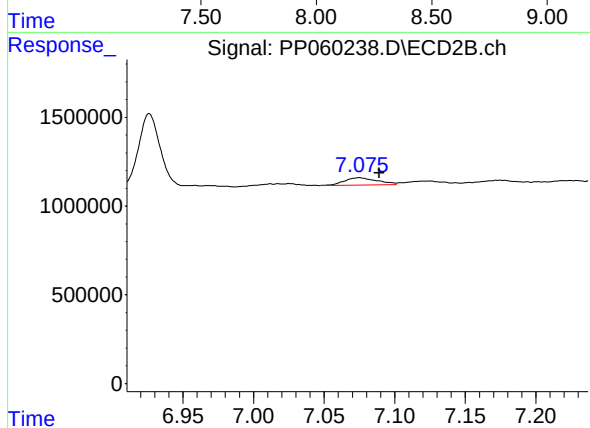
#33 AR-1260-3

R.T.: 6.603 min
Delta R.T.: -0.014 min
Response: 481152
Conc: 4.68 ng/ml



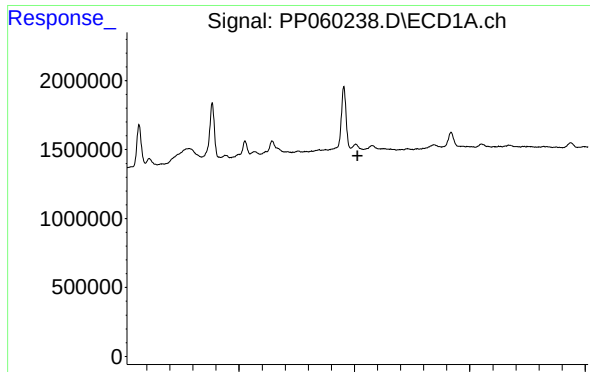
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.



#34 AR-1260-4

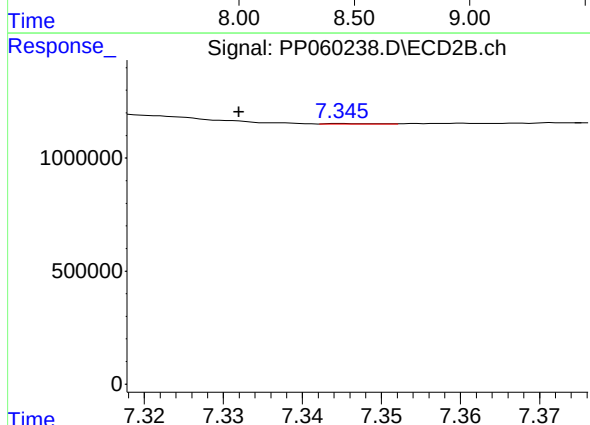
R.T.: 7.075 min
Delta R.T.: -0.014 min
Response: 685336
Conc: 8.23 ng/ml



#35 AR-1260-5

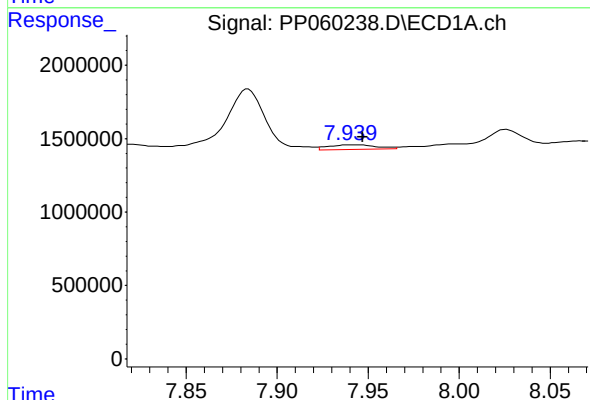
R.T.: 8.505 min
Delta R.T.: -0.007 min
Response: -461809
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



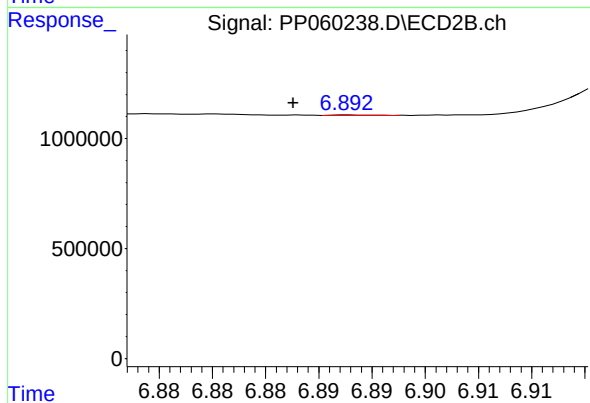
#35 AR-1260-5

R.T.: 7.345 min
Delta R.T.: 0.013 min
Response: 10730
Conc: 0.06 ng/ml



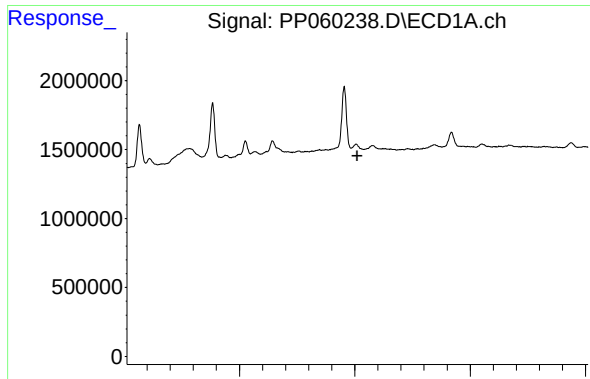
#36 AR-1262-1

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 575001
Conc: 4.97 ng/ml



#36 AR-1262-1

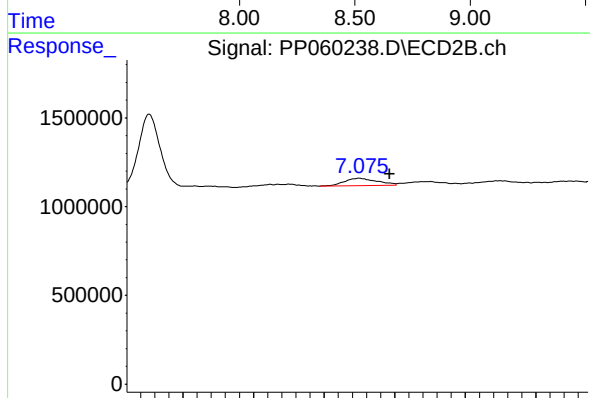
R.T.: 6.893 min
Delta R.T.: 0.005 min
Response: 6289
Conc: 0.12 ng/ml



#37 AR-1262-2

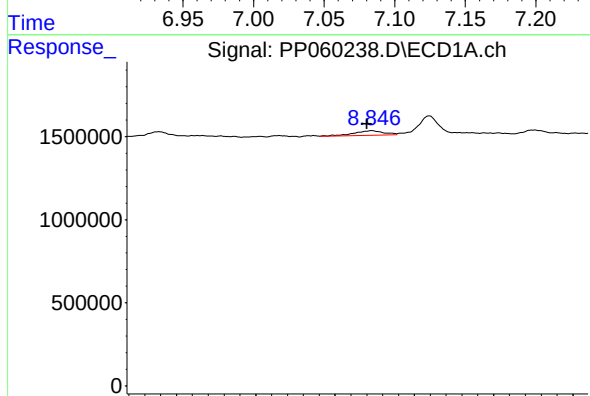
R.T.: 8.505 min
Delta R.T.: -0.006 min
Response: -461809
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



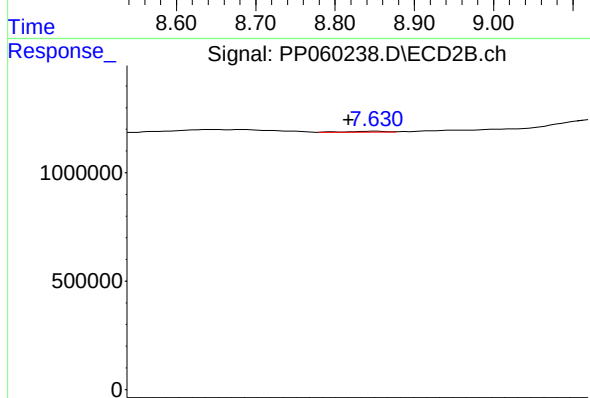
#37 AR-1262-2

R.T.: 7.075 min
Delta R.T.: -0.021 min
Response: 685336
Conc: 6.07 ng/ml



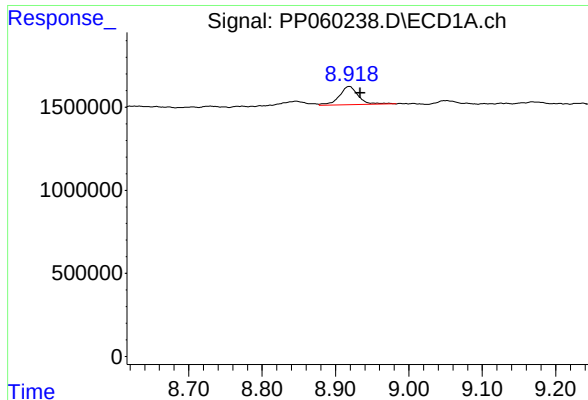
#38 AR-1262-3

R.T.: 8.846 min
Delta R.T.: 0.006 min
Response: 722122
Conc: 5.01 ng/ml



#38 AR-1262-3

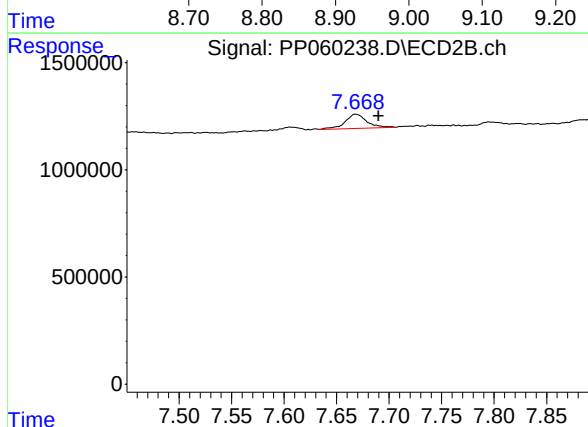
R.T.: 7.630 min
Delta R.T.: 0.004 min
Response: 14862
Conc: 0.17 ng/ml



#39 AR-1262-4

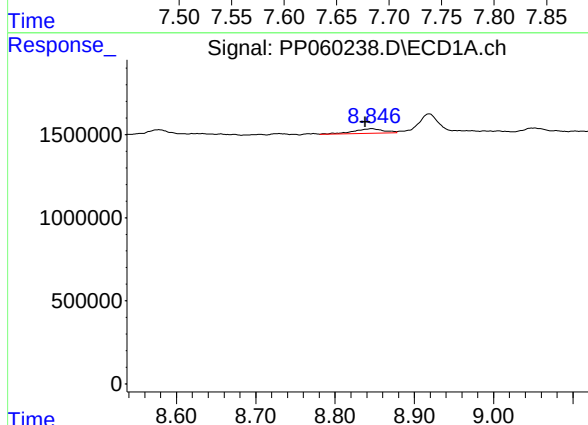
R.T.: 8.919 min
Delta R.T.: -0.015 min
Response: 2012461
Conc: 17.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



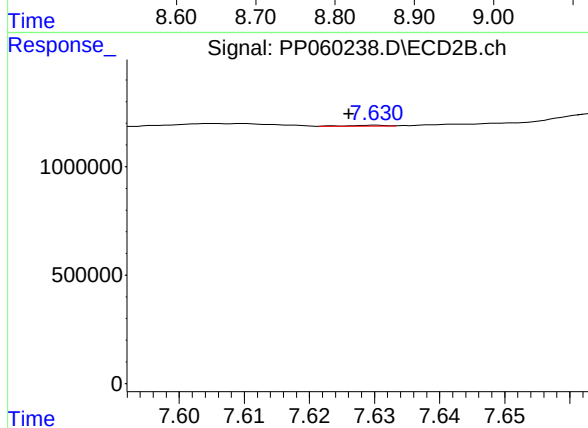
#39 AR-1262-4

R.T.: 7.668 min
Delta R.T.: -0.022 min
Response: 954110
Conc: 5.84 ng/ml



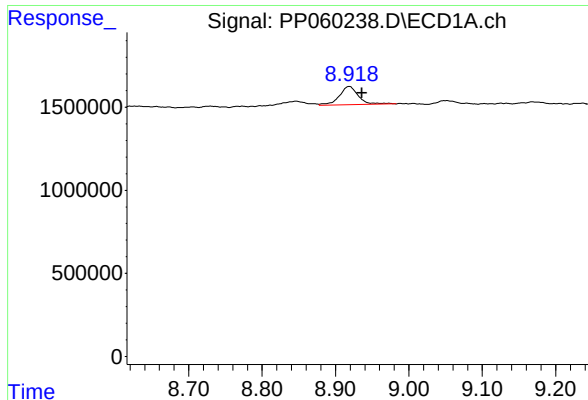
#41 AR-1268-1

R.T.: 8.846 min
Delta R.T.: 0.008 min
Response: 722122
Conc: 2.88 ng/ml



#41 AR-1268-1

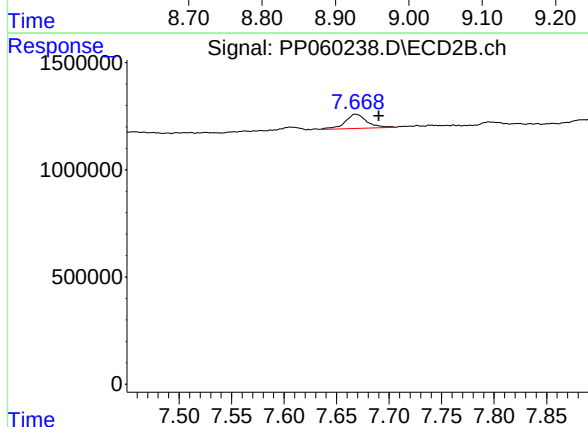
R.T.: 7.630 min
Delta R.T.: 0.004 min
Response: 14862
Conc: 0.06 ng/ml



#42 AR-1268-2

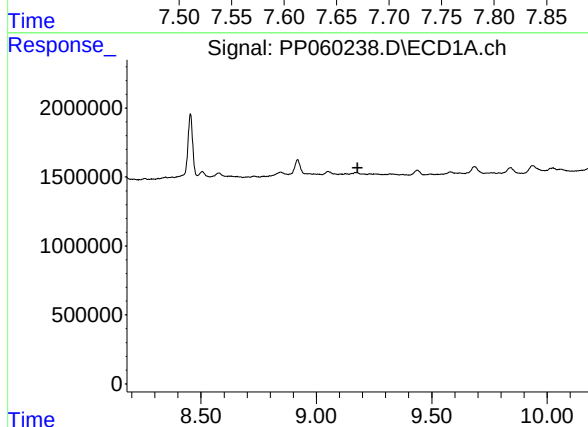
R.T.: 8.919 min
Delta R.T.: -0.017 min
Response: 2012461
Conc: 8.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



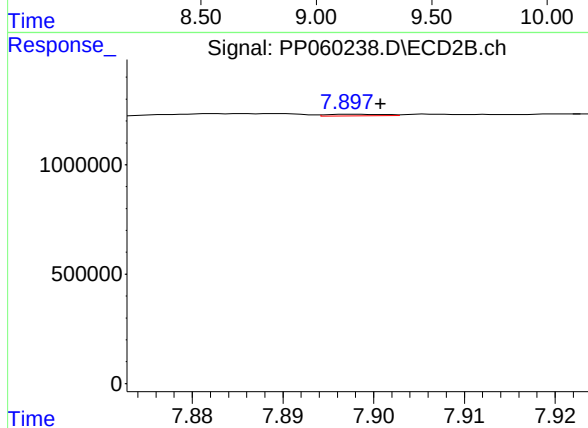
#42 AR-1268-2

R.T.: 7.668 min
Delta R.T.: -0.022 min
Response: 954110
Conc: 4.13 ng/ml



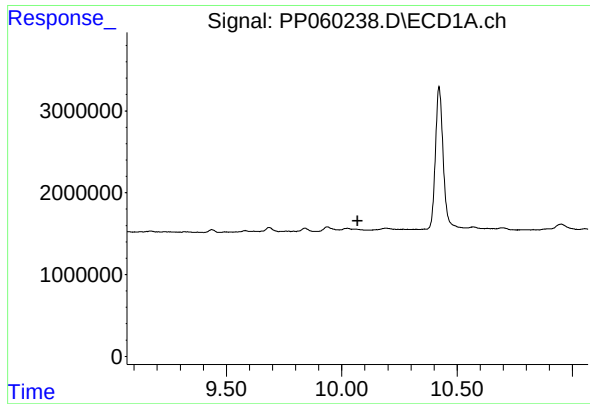
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.



#43 AR-1268-3

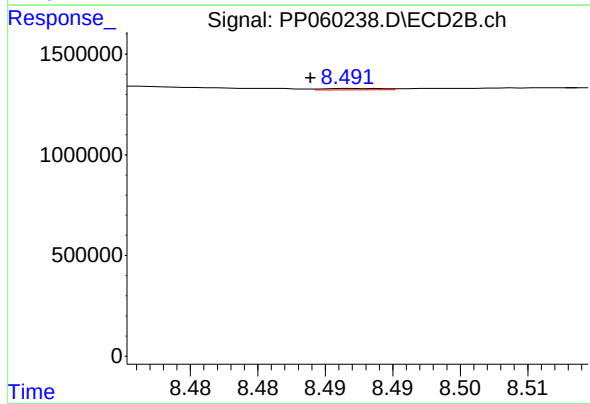
R.T.: 7.897 min
Delta R.T.: -0.003 min
Response: 33467
Conc: 0.16 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.069 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: 0.003 min
Response: 19509
Conc: 0.03 ng/ml