

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092823\
 Data File : PP060373.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2023 21:36
 Operator : YP\AJ
 Sample : 04641-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 00:17:31 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...	4.542	3.702	32171112	21005162	14.365	14.112
2) SA Decachlor...	10.458	8.750	40861629	32542255	23.144	19.950
Target Compounds						
3) L1 AR-1016-1	0.000	4.778	0	52420	N.D.	0.902 #
4) L1 AR-1016-2	0.000	4.819f	0	212353	N.D.	2.638 #
5) L1 AR-1016-3	0.000	4.979	0	41616	N.D.	0.931 #
6) L1 AR-1016-4	0.000	5.051f	0	304743	N.D.	8.469 #
7) L1 AR-1016-5	0.000	5.230	0	45892	N.D.	0.944 #
8) L2 AR-1221-1	0.000	3.928f	0	18859	N.D.	0.903 #
9) L2 AR-1221-2	4.855f	4.006f	844118	595920	39.509	39.965
10) L2 AR-1221-3	4.902	4.072	357045	8749	5.879	0.199 #
11) L3 AR-1232-1	4.902f	4.072	357045	8749	7.093	0.240 #
12) L3 AR-1232-2	0.000	4.819f	0	212353	N.D.	5.823 #
13) L3 AR-1232-3	0.000	4.979	0	41616	N.D.	2.079 #
14) L3 AR-1232-4	0.000	5.068	0	50636	N.D.	2.713 #
15) L3 AR-1232-5	0.000	5.230	0	45892	N.D.	2.206 #
16) L4 AR-1242-1	0.000	4.778	0	52420	N.D.	1.035 #
17) L4 AR-1242-2	0.000	4.819f	0	212353	N.D.	3.058 #
18) L4 AR-1242-3	0.000	4.979	0	41616	N.D.	1.081 #
19) L4 AR-1242-4	0.000	5.068	0	50636	N.D.	1.286 #
20) L4 AR-1242-5	0.000	5.612f	0	189267	N.D.	3.869 #
21) L5 AR-1248-1	0.000	4.778	0	52420	N.D.	1.436 #
22) L5 AR-1248-2	0.000	4.997f	0	189648	N.D.	3.628 #
23) L5 AR-1248-3	0.000	5.068	0	50636	N.D.	0.912 #
24) L5 AR-1248-4	6.604	5.230	695251	45892	8.406	0.697 #
25) L5 AR-1248-5	0.000	5.642	0	40585	N.D.	0.631 #
26) L6 AR-1254-1	6.604f	5.612f	695251	189267	8.147	1.913 #
27) L6 AR-1254-2	6.821	5.760f	251693	562342	1.972	6.543 #
28) L6 AR-1254-3	7.185	6.144	767463	52645	5.774	0.367 #
29) L6 AR-1254-4	7.472	6.379	811174	7788	8.249	0.089 #
30) L6 AR-1254-5	7.893	6.805	893136	789958	8.244	6.234
31) L7 AR-1260-1	7.353	6.292	944005	628640	9.006	6.263 #
32) L7 AR-1260-2	7.610	6.480	906338	846879	7.496	7.098
33) L7 AR-1260-3	7.970	6.646f	848636	4927108	9.156	43.034 #
34) L7 AR-1260-4	8.202	7.103	1395743	640070	13.161	6.725 #
35) L7 AR-1260-5	8.534	7.345	1404235	1495106	7.256	6.899
36) L8 AR-1262-1	7.970	6.879	848636	7271	6.803	0.136 #
37) L8 AR-1262-2	8.534	7.103	1404235	640070	6.703	5.427
38) L8 AR-1262-3	8.871	7.629	1470170	844292	9.715	9.156
39) L8 AR-1262-4	8.960	7.691	295529	984159	2.469	5.842 #
40) L8 AR-1262-5	9.654	8.179	2154163	1127425	26.905	14.552 #
41) L9 AR-1268-1	8.871	7.629	1470170	844292	5.542	3.106 #

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 ECD_P
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 00:17:31 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

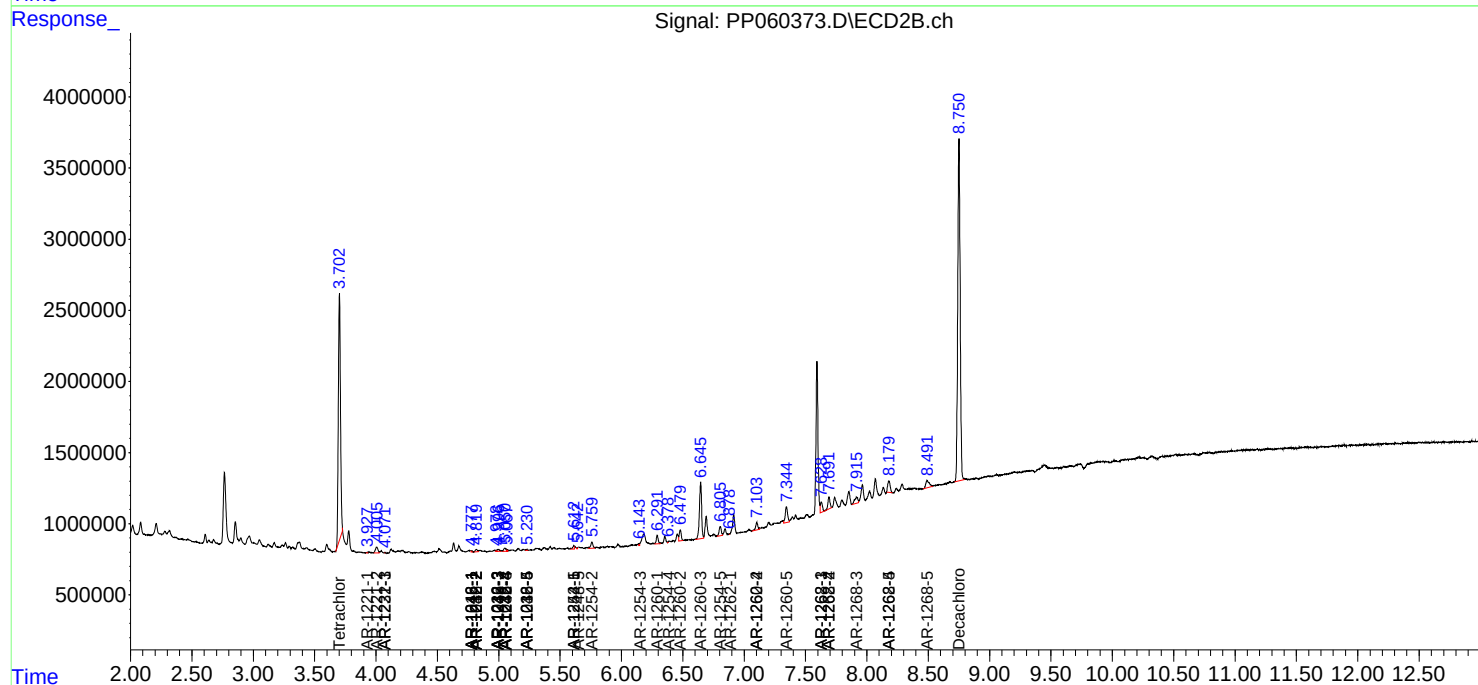
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

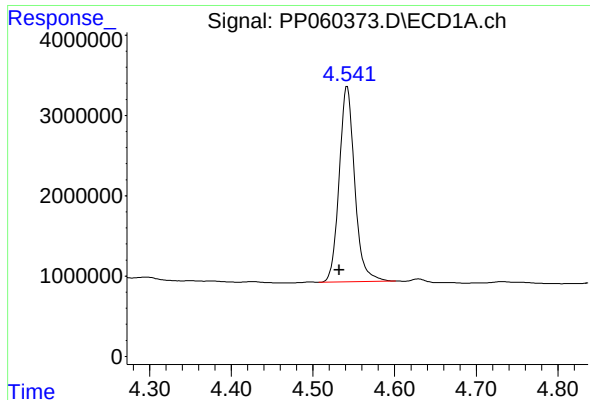
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.960	7.691	295529	984159	1.213	4.036 #
43) L9	AR-1268-3	9.171f	7.916f	1302157	792510	6.226	3.705 #
44) L9	AR-1268-4	9.654	8.179	2154163	1127425	23.318	12.850 #
45) L9	AR-1268-5	0.000	8.491	0	1012302	N.D.	1.620 #

(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

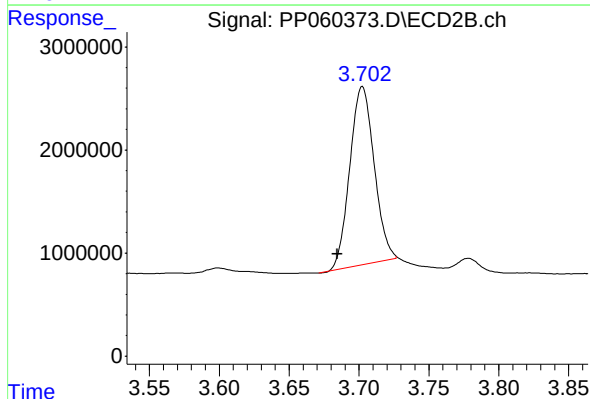




#1 Tetrachloro-m-xylene

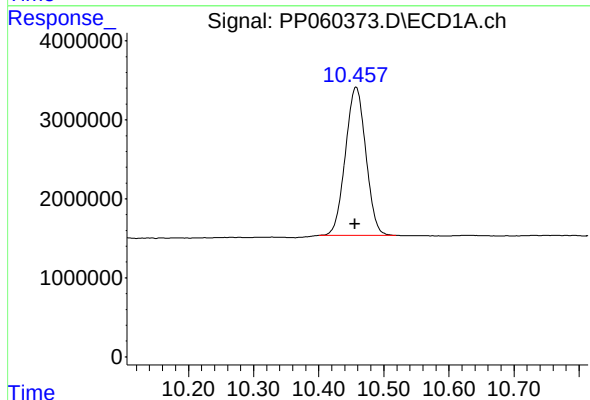
R.T.: 4.542 min
Delta R.T.: 0.010 min
Response: 32171112
Conc: 14.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



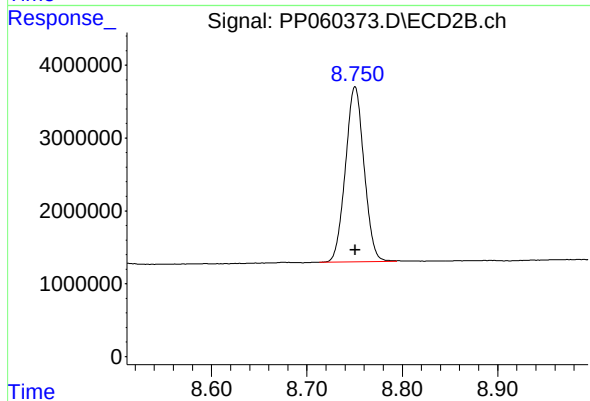
#1 Tetrachloro-m-xylene

R.T.: 3.702 min
Delta R.T.: 0.018 min
Response: 21005162
Conc: 14.11 ng/ml



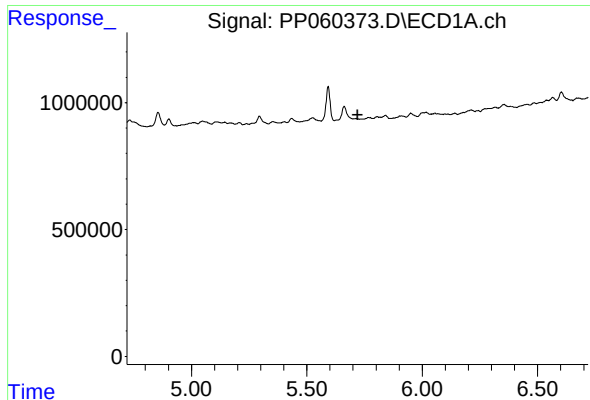
#2 Decachlorobiphenyl

R.T.: 10.458 min
Delta R.T.: 0.002 min
Response: 40861629
Conc: 23.14 ng/ml



#2 Decachlorobiphenyl

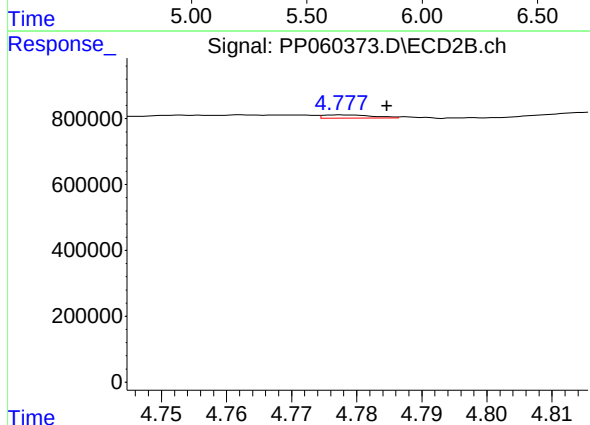
R.T.: 8.750 min
Delta R.T.: 0.000 min
Response: 32542255
Conc: 19.95 ng/ml



#3 AR-1016-1

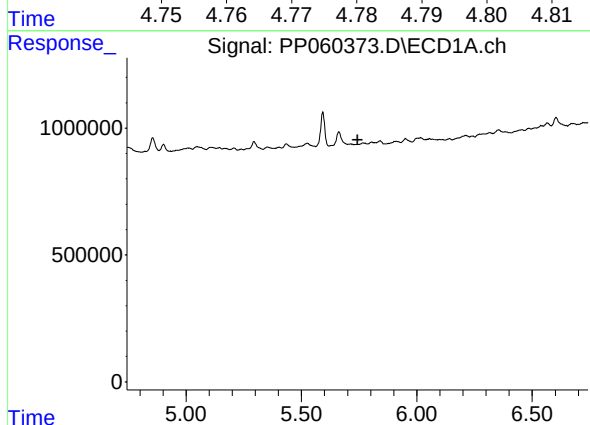
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



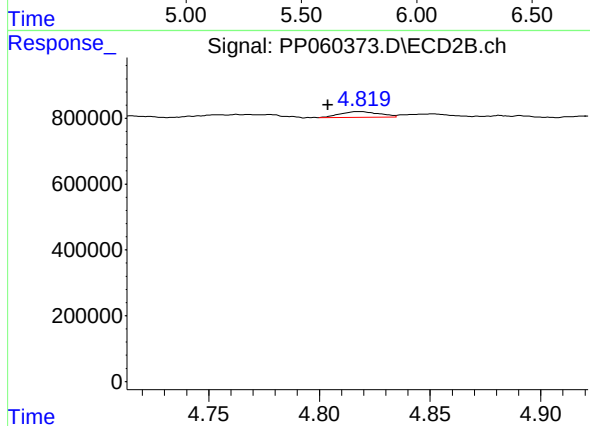
#3 AR-1016-1

R.T.: 4.778 min
Delta R.T.: -0.007 min
Response: 52420
Conc: 0.90 ng/ml



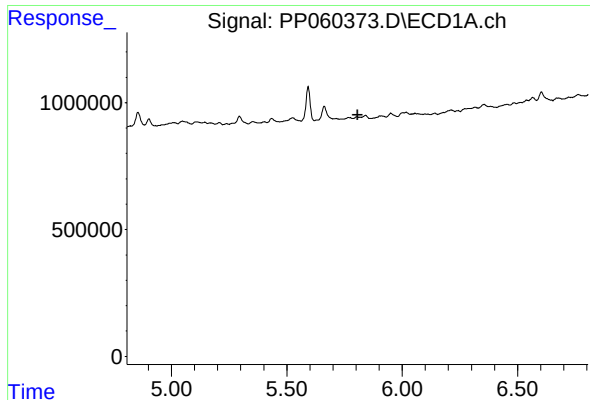
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.



#4 AR-1016-2

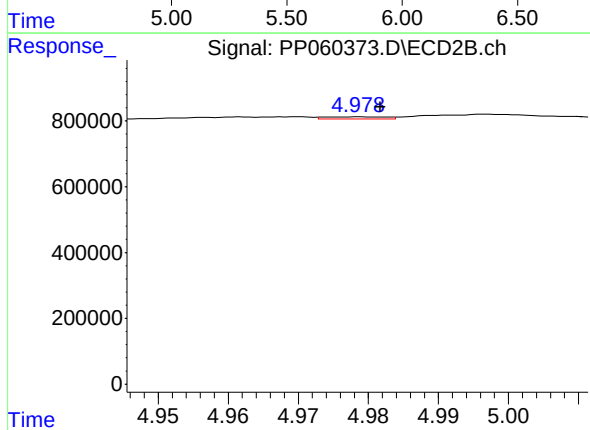
R.T.: 4.819 min
Delta R.T.: 0.015 min
Response: 212353
Conc: 2.64 ng/ml



#5 AR-1016-3

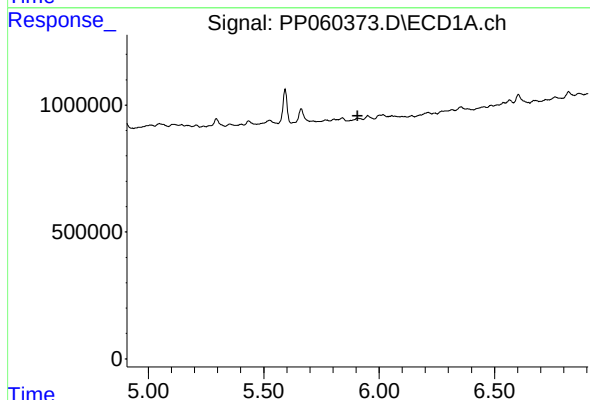
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



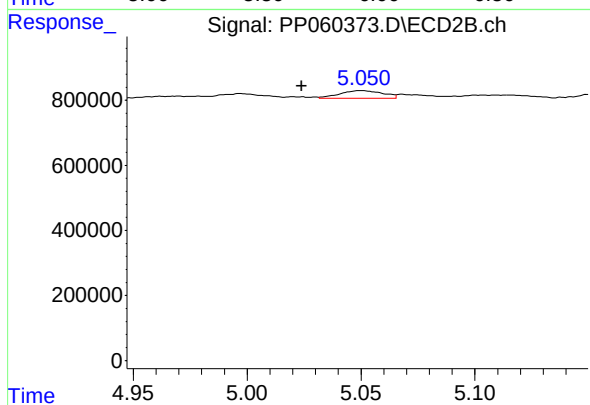
#5 AR-1016-3

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 41616
Conc: 0.93 ng/ml



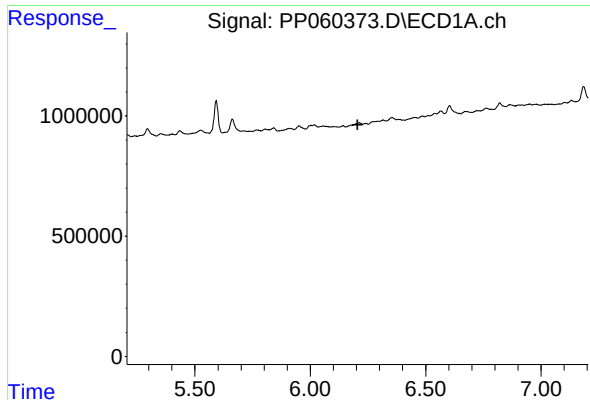
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.906 min
Response: 0
Conc: N.D.



#6 AR-1016-4

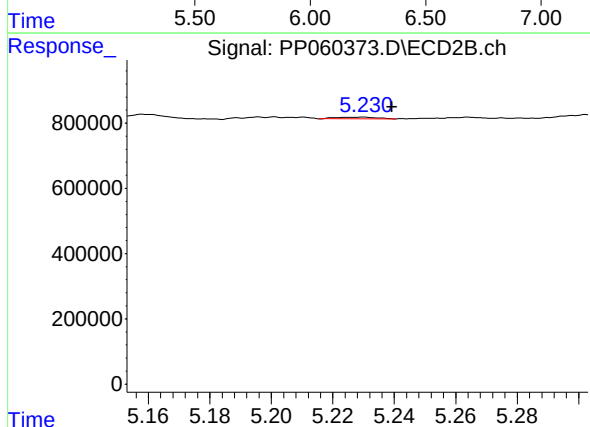
R.T.: 5.051 min
Delta R.T.: 0.026 min
Response: 304743
Conc: 8.47 ng/ml



#7 AR-1016-5

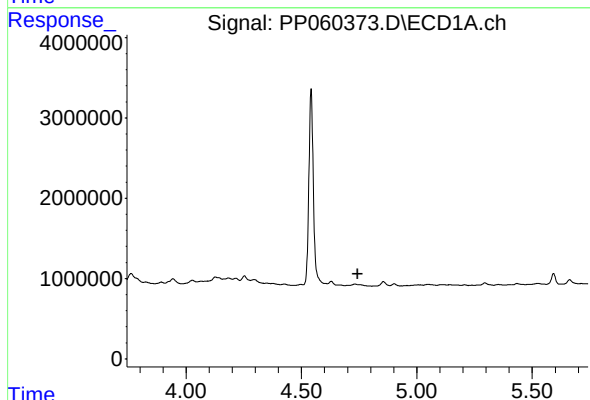
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



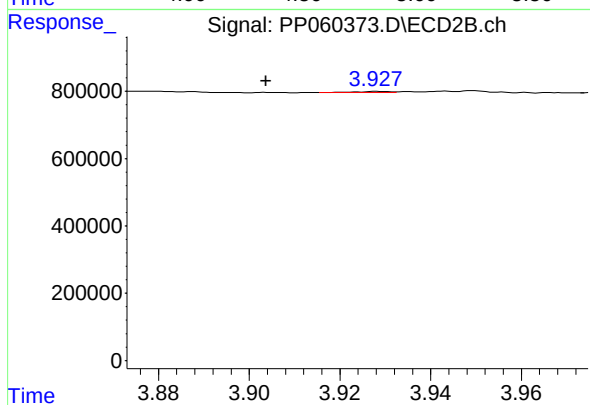
#7 AR-1016-5

R.T.: 5.230 min
Delta R.T.: -0.009 min
Response: 45892
Conc: 0.94 ng/ml



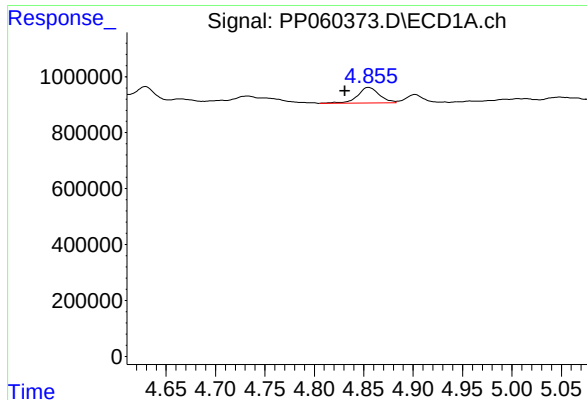
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.743 min
Response: 0
Conc: N.D.



#8 AR-1221-1

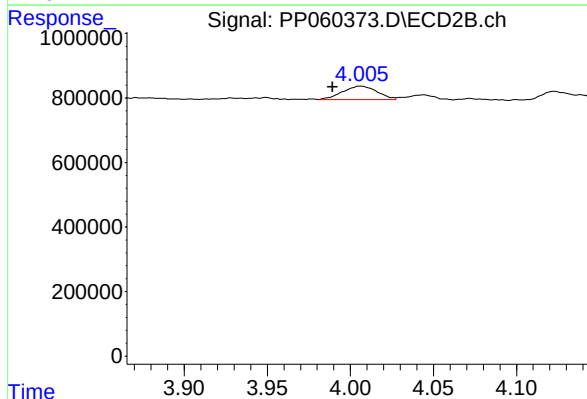
R.T.: 3.928 min
Delta R.T.: 0.024 min
Response: 18859
Conc: 0.90 ng/ml



#9 AR-1221-2

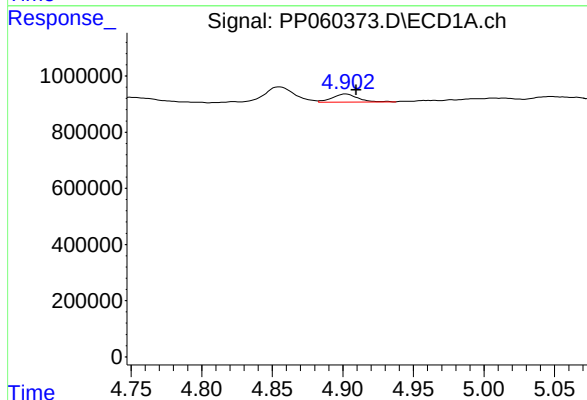
R.T.: 4.855 min
Delta R.T.: 0.024 min
Response: 844118
Conc: 39.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



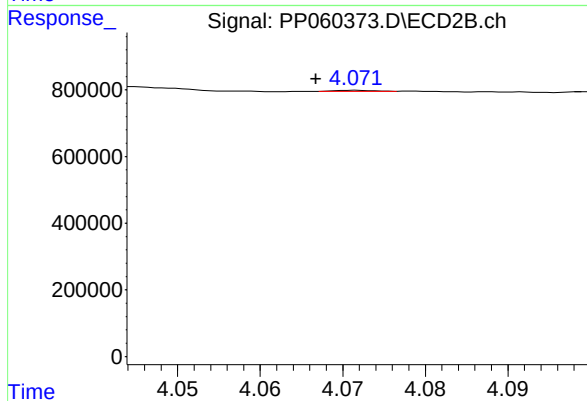
#9 AR-1221-2

R.T.: 4.006 min
Delta R.T.: 0.016 min
Response: 595920
Conc: 39.97 ng/ml



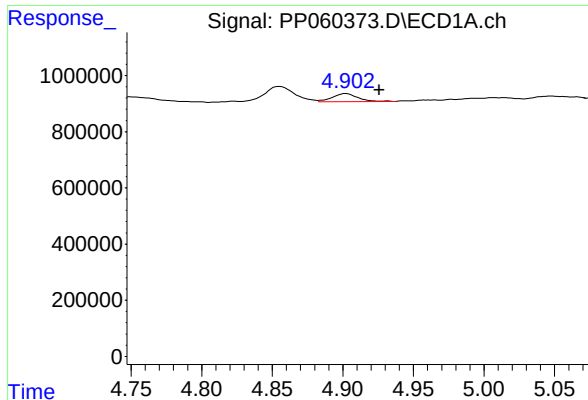
#10 AR-1221-3

R.T.: 4.902 min
Delta R.T.: -0.007 min
Response: 357045
Conc: 5.88 ng/ml



#10 AR-1221-3

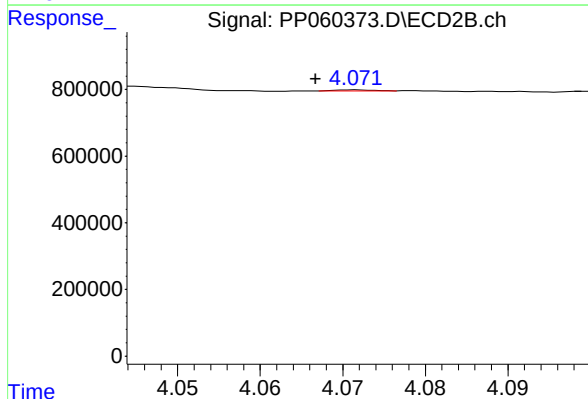
R.T.: 4.072 min
Delta R.T.: 0.005 min
Response: 8749
Conc: 0.20 ng/ml



#11 AR-1232-1

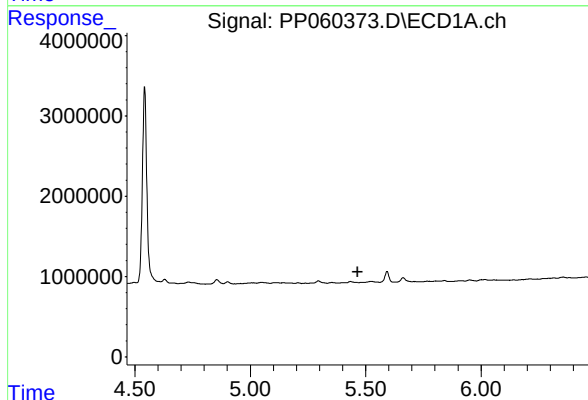
R.T.: 4.902 min
Delta R.T.: -0.023 min
Response: 357045
Conc: 7.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



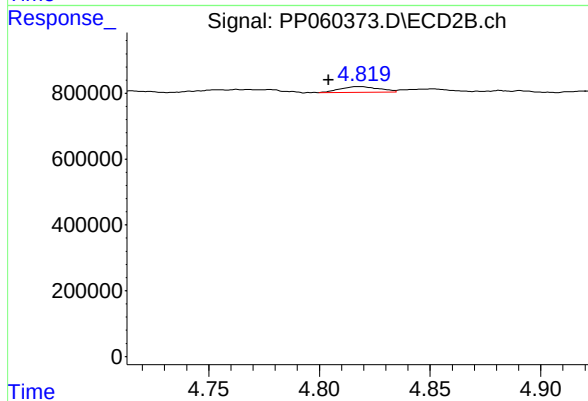
#11 AR-1232-1

R.T.: 4.072 min
Delta R.T.: 0.005 min
Response: 8749
Conc: 0.24 ng/ml



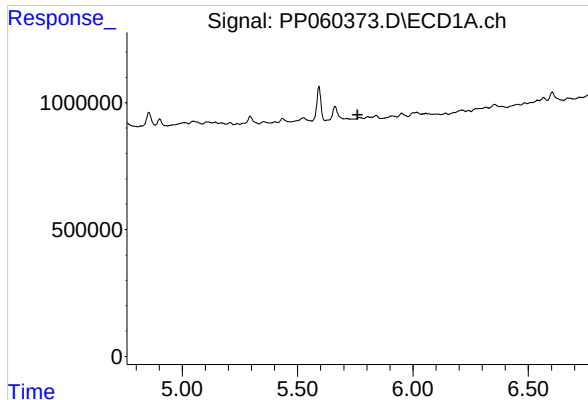
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.464 min
Response: 0
Conc: N.D.



#12 AR-1232-2

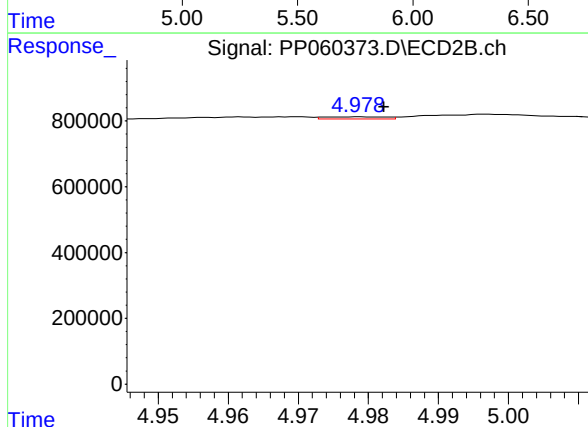
R.T.: 4.819 min
Delta R.T.: 0.015 min
Response: 212353
Conc: 5.82 ng/ml



#13 AR-1232-3

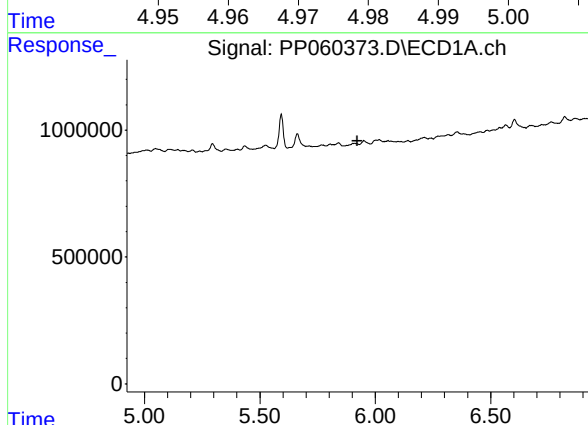
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



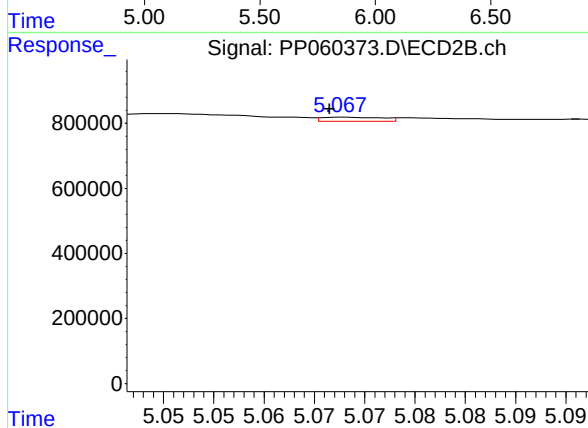
#13 AR-1232-3

R.T.: 4.979 min
Delta R.T.: -0.004 min
Response: 41616
Conc: 2.08 ng/ml



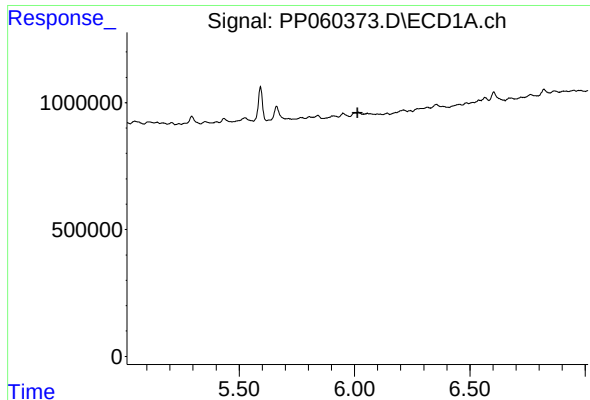
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.922 min
Response: 0
Conc: N.D.



#14 AR-1232-4

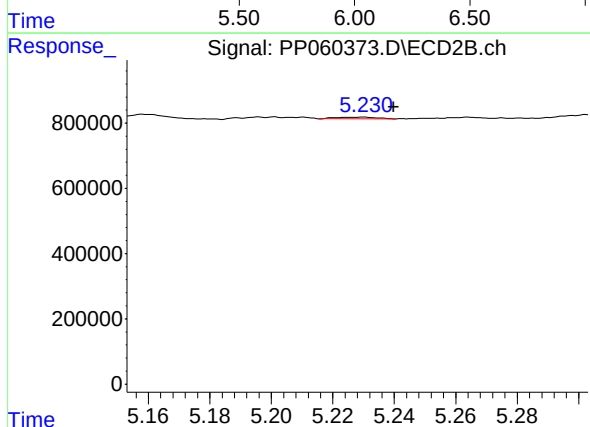
R.T.: 5.068 min
Delta R.T.: 0.001 min
Response: 50636
Conc: 2.71 ng/ml



#15 AR-1232-5

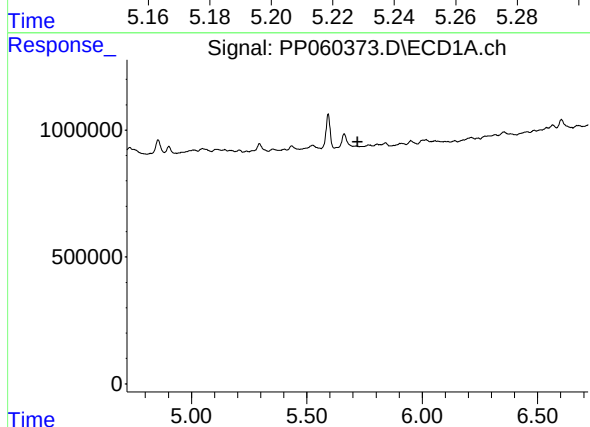
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



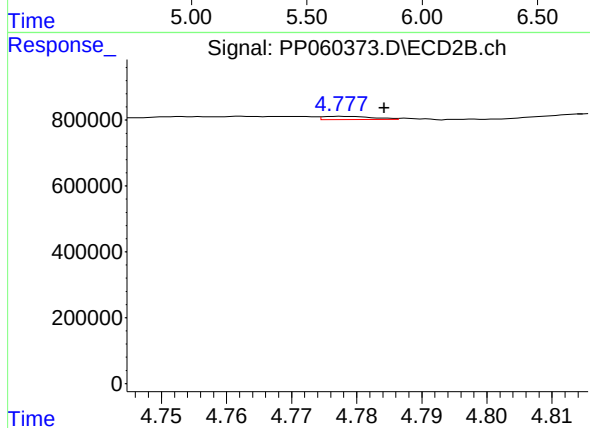
#15 AR-1232-5

R.T.: 5.230 min
Delta R.T.: -0.009 min
Response: 45892
Conc: 2.21 ng/ml



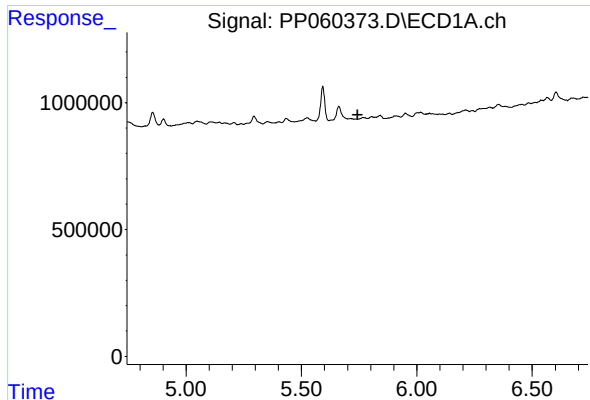
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.



#16 AR-1242-1

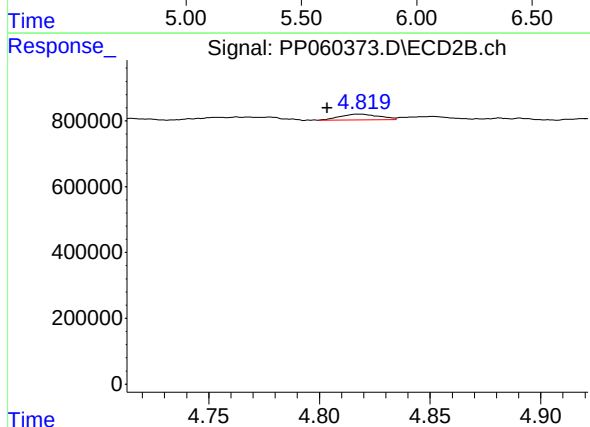
R.T.: 4.778 min
Delta R.T.: -0.007 min
Response: 52420
Conc: 1.04 ng/ml



#17 AR-1242-2

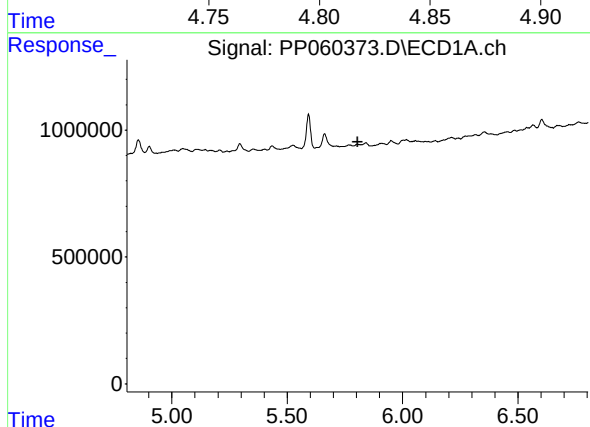
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



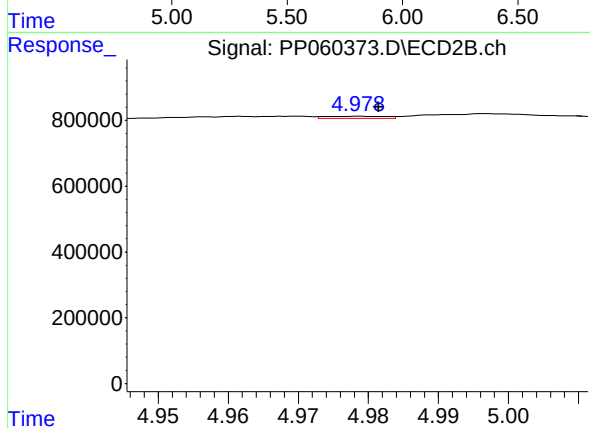
#17 AR-1242-2

R.T.: 4.819 min
Delta R.T.: 0.016 min
Response: 212353
Conc: 3.06 ng/ml



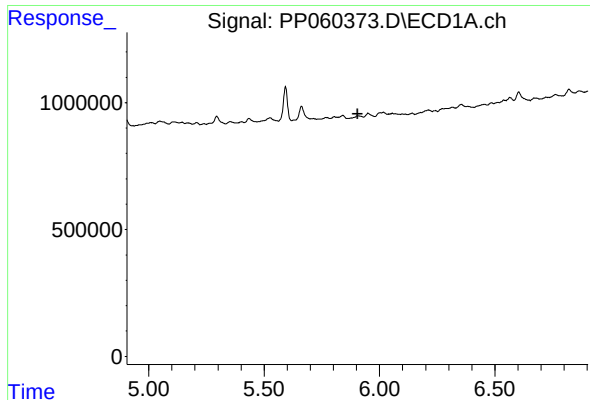
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.805 min
Response: 0
Conc: N.D.



#18 AR-1242-3

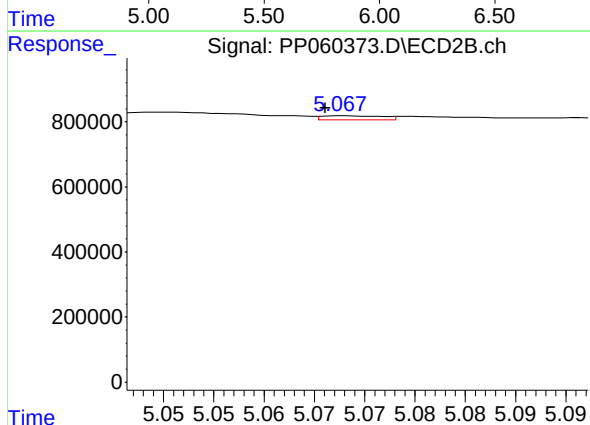
R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 41616
Conc: 1.08 ng/ml



#19 AR-1242-4

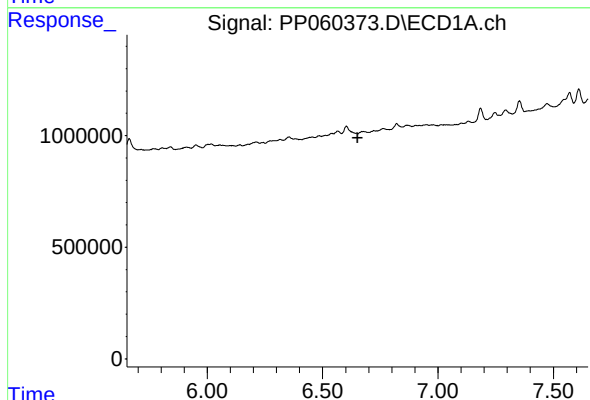
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



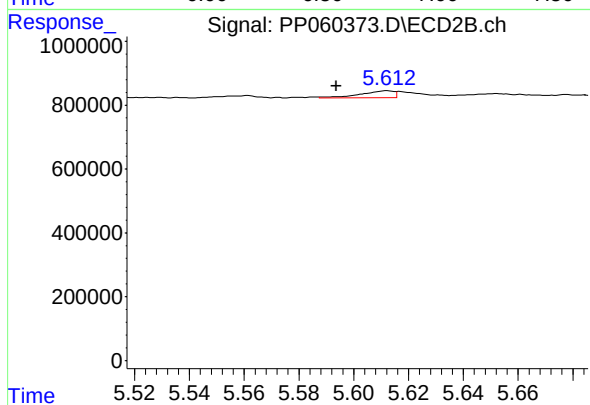
#19 AR-1242-4

R.T.: 5.068 min
Delta R.T.: 0.002 min
Response: 50636
Conc: 1.29 ng/ml



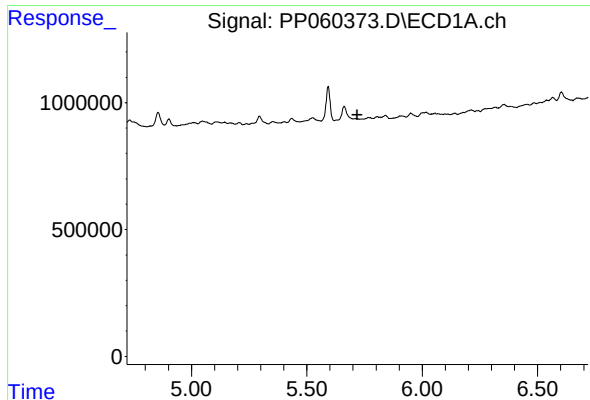
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.652 min
Response: 0
Conc: N.D.



#20 AR-1242-5

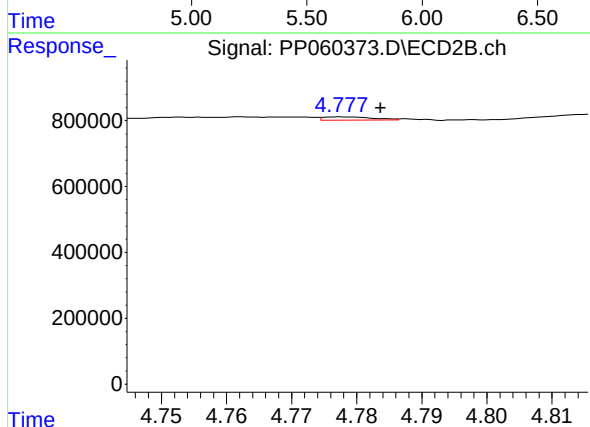
R.T.: 5.612 min
Delta R.T.: 0.019 min
Response: 189267
Conc: 3.87 ng/ml



#21 AR-1248-1

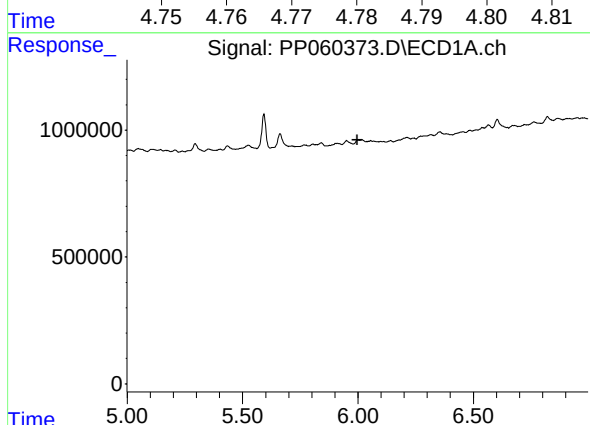
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



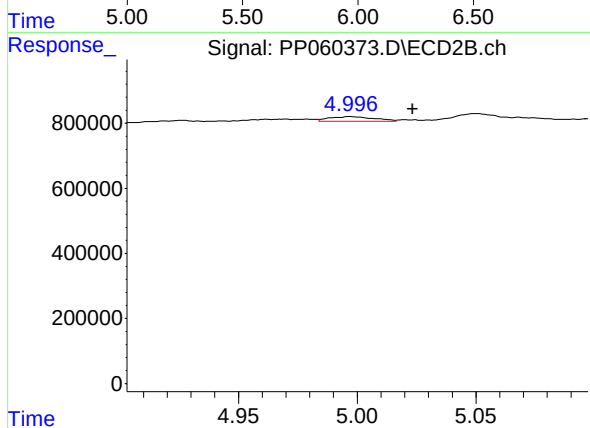
#21 AR-1248-1

R.T.: 4.778 min
Delta R.T.: -0.006 min
Response: 52420
Conc: 1.44 ng/ml



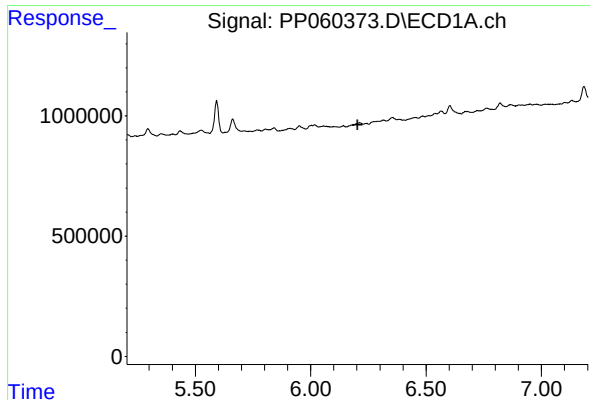
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.



#22 AR-1248-2

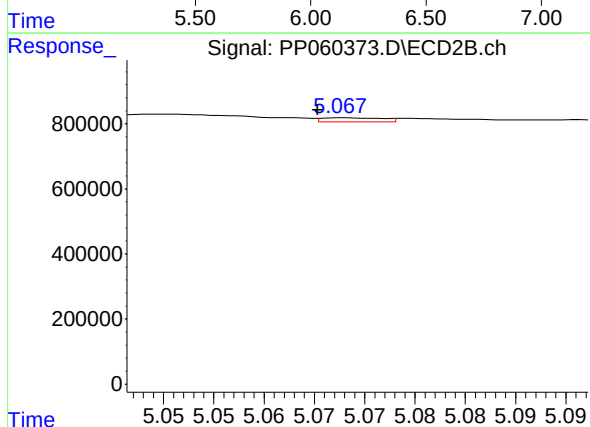
R.T.: 4.997 min
Delta R.T.: -0.027 min
Response: 189648
Conc: 3.63 ng/ml



#23 AR-1248-3

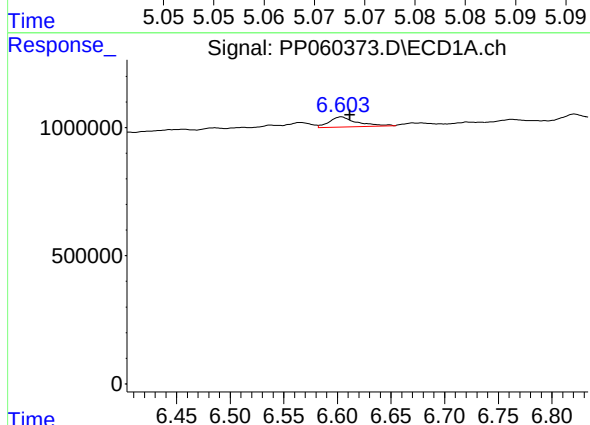
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



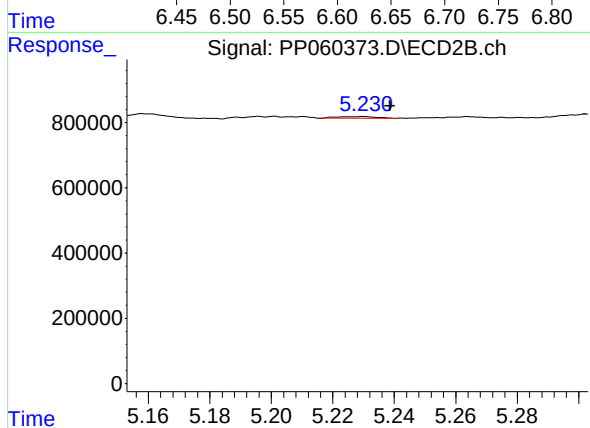
#23 AR-1248-3

R.T.: 5.068 min
Delta R.T.: 0.002 min
Response: 50636
Conc: 0.91 ng/ml



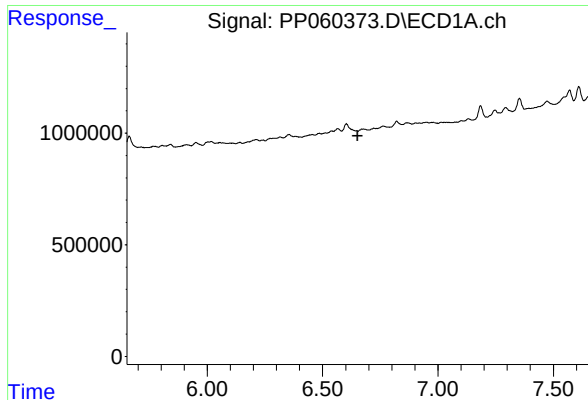
#24 AR-1248-4

R.T.: 6.604 min
Delta R.T.: -0.008 min
Response: 695251
Conc: 8.41 ng/ml



#24 AR-1248-4

R.T.: 5.230 min
Delta R.T.: -0.008 min
Response: 45892
Conc: 0.70 ng/ml

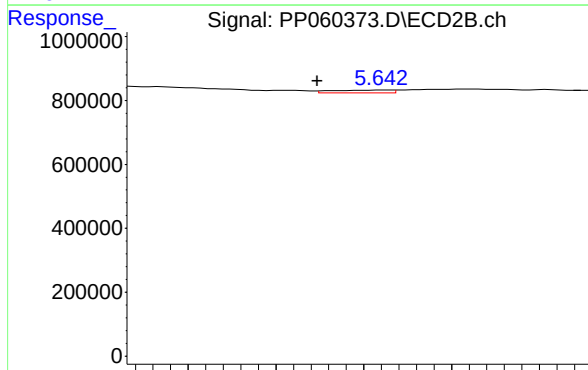


#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.651 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :

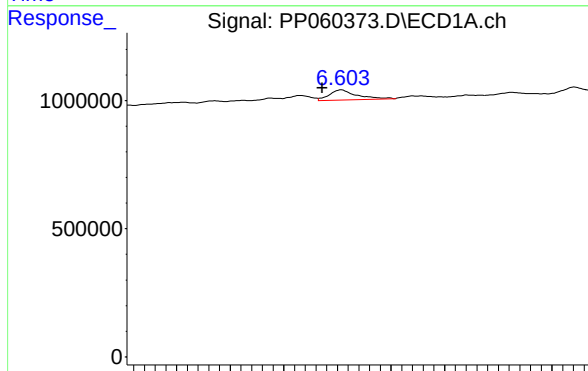
Time



#25 AR-1248-5

R.T.: 5.642 min
Delta R.T.: 0.008 min
Response: 40585
Conc: 0.63 ng/ml

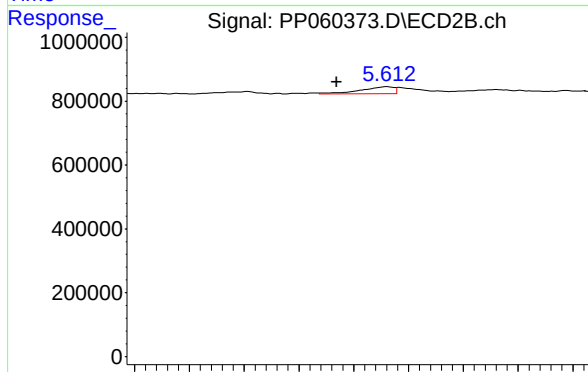
Time



#26 AR-1254-1

R.T.: 6.604 min
Delta R.T.: 0.018 min
Response: 695251
Conc: 8.15 ng/ml

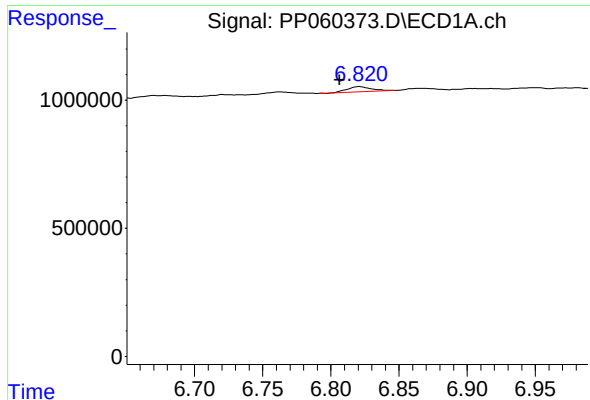
Time



#26 AR-1254-1

R.T.: 5.612 min
Delta R.T.: 0.019 min
Response: 189267
Conc: 1.91 ng/ml

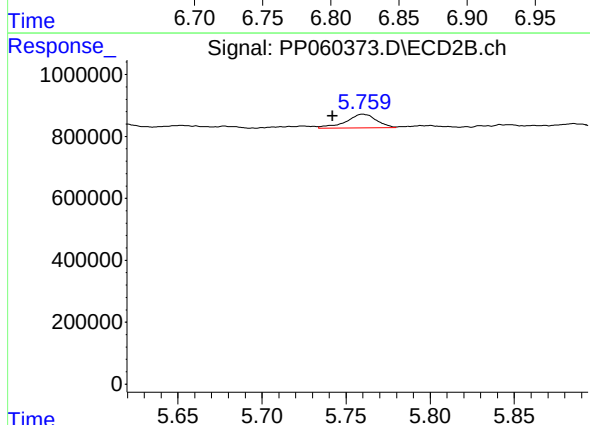
Time



#27 AR-1254-2

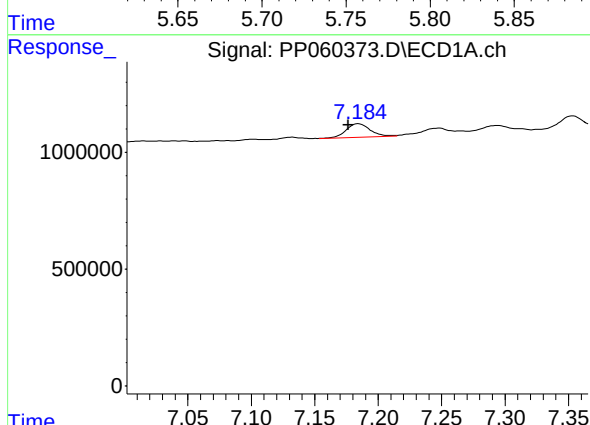
R.T.: 6.821 min
Delta R.T.: 0.015 min
Response: 251693
Conc: 1.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



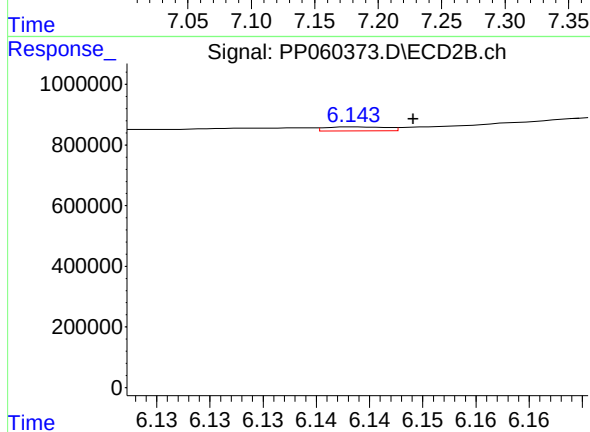
#27 AR-1254-2

R.T.: 5.760 min
Delta R.T.: 0.018 min
Response: 562342
Conc: 6.54 ng/ml



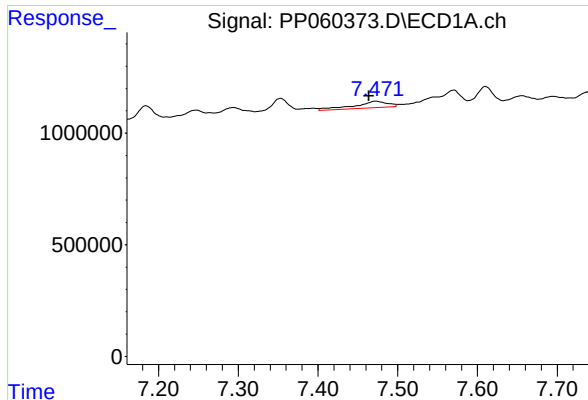
#28 AR-1254-3

R.T.: 7.185 min
Delta R.T.: 0.008 min
Response: 767463
Conc: 5.77 ng/ml



#28 AR-1254-3

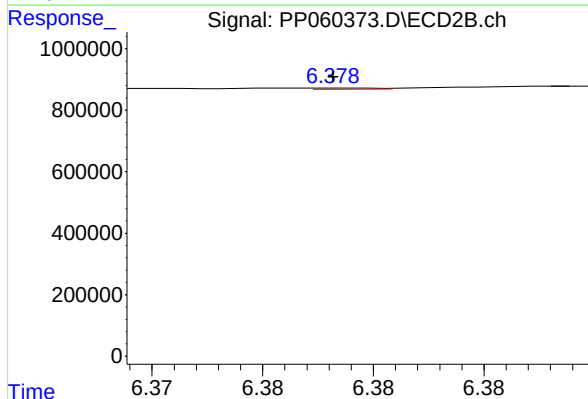
R.T.: 6.144 min
Delta R.T.: -0.005 min
Response: 52645
Conc: 0.37 ng/ml



#29 AR-1254-4

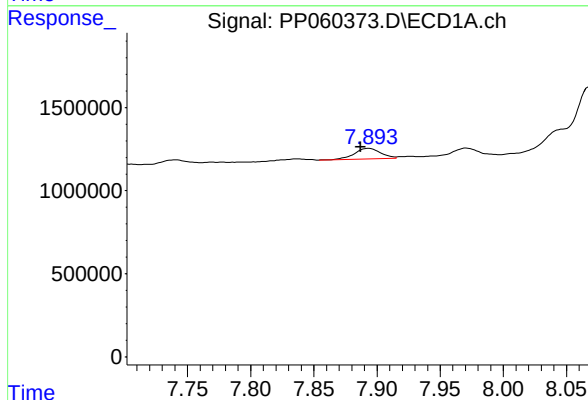
R.T.: 7.472 min
Delta R.T.: 0.008 min
Response: 811174
Conc: 8.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



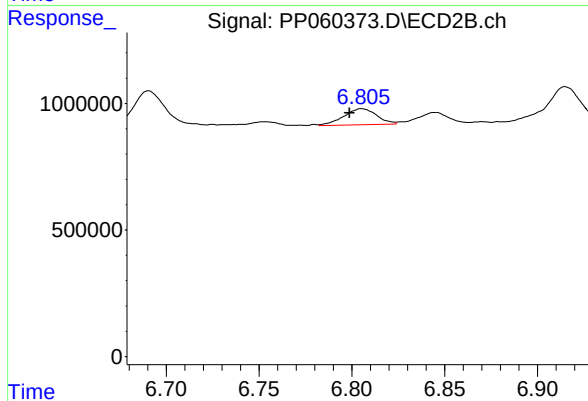
#29 AR-1254-4

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 7788
Conc: 0.09 ng/ml



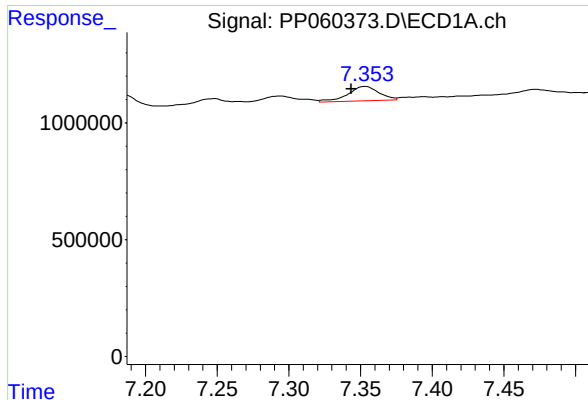
#30 AR-1254-5

R.T.: 7.893 min
Delta R.T.: 0.006 min
Response: 893136
Conc: 8.24 ng/ml



#30 AR-1254-5

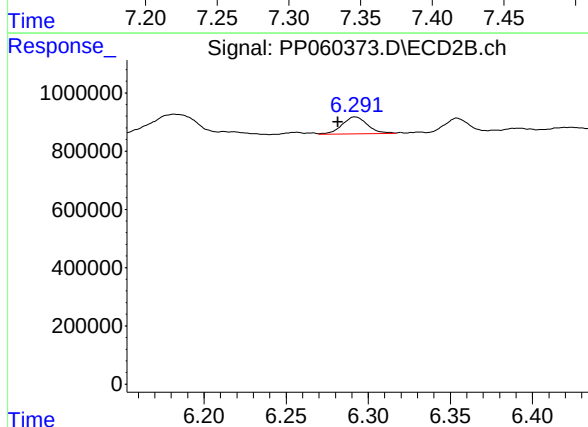
R.T.: 6.805 min
Delta R.T.: 0.006 min
Response: 789958
Conc: 6.23 ng/ml



#31 AR-1260-1

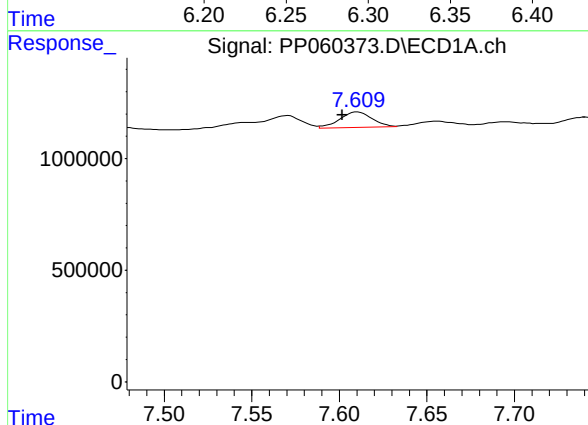
R.T.: 7.353 min
Delta R.T.: 0.010 min
Response: 944005
Conc: 9.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



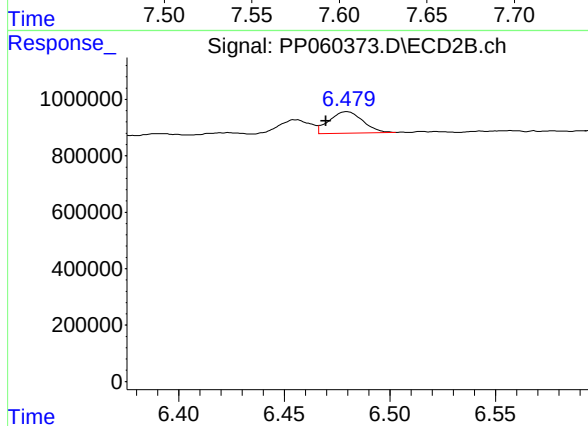
#31 AR-1260-1

R.T.: 6.292 min
Delta R.T.: 0.010 min
Response: 628640
Conc: 6.26 ng/ml



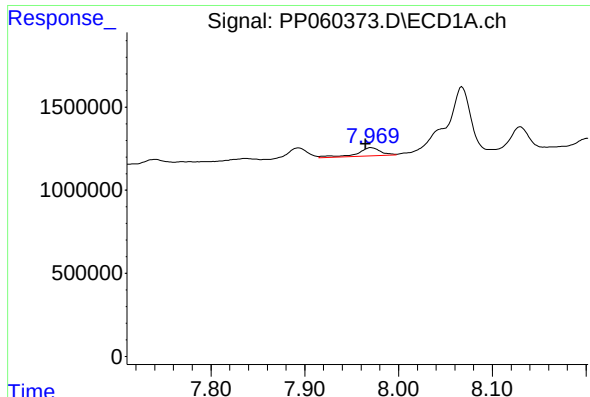
#32 AR-1260-2

R.T.: 7.610 min
Delta R.T.: 0.009 min
Response: 906338
Conc: 7.50 ng/ml



#32 AR-1260-2

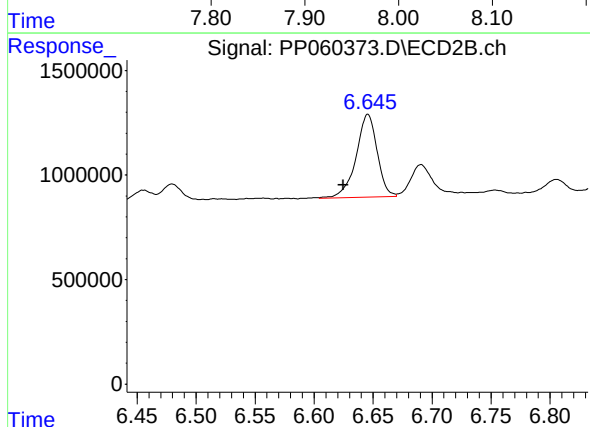
R.T.: 6.480 min
Delta R.T.: 0.010 min
Response: 846879
Conc: 7.10 ng/ml



#33 AR-1260-3

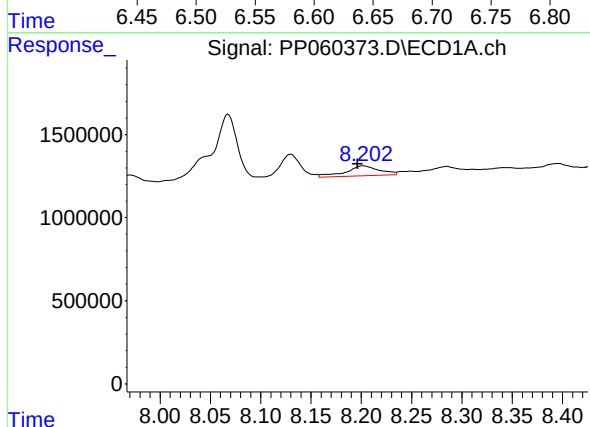
R.T.: 7.970 min
Delta R.T.: 0.005 min
Response: 848636
Conc: 9.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



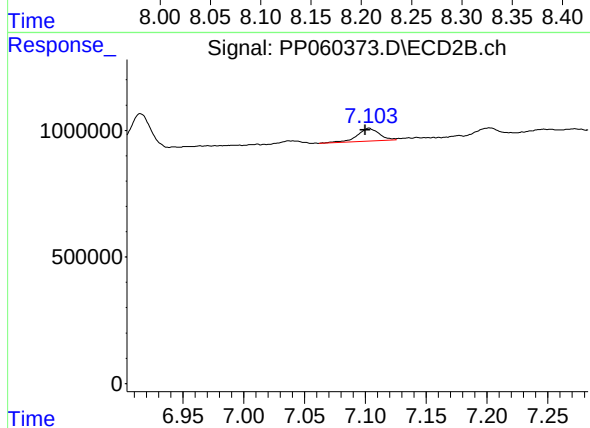
#33 AR-1260-3

R.T.: 6.646 min
Delta R.T.: 0.021 min
Response: 4927108
Conc: 43.03 ng/ml



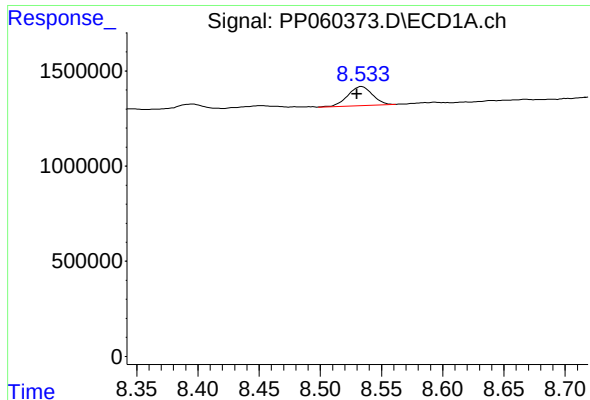
#34 AR-1260-4

R.T.: 8.202 min
Delta R.T.: 0.006 min
Response: 1395743
Conc: 13.16 ng/ml



#34 AR-1260-4

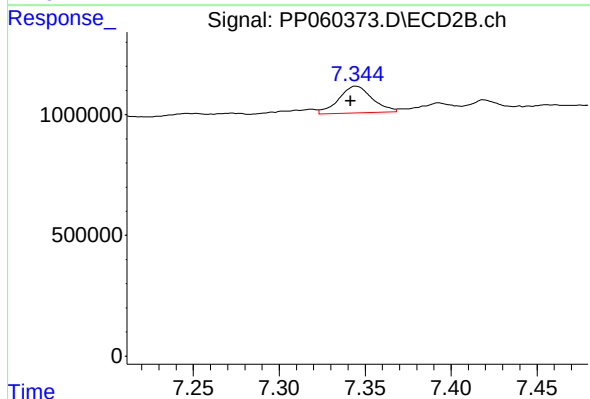
R.T.: 7.103 min
Delta R.T.: 0.003 min
Response: 640070
Conc: 6.72 ng/ml



#35 AR-1260-5

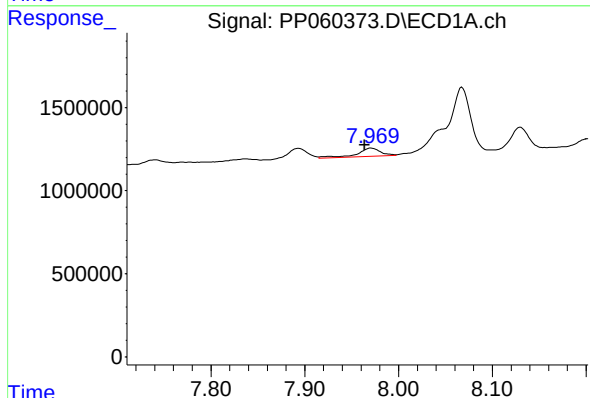
R.T.: 8.534 min
Delta R.T.: 0.004 min
Response: 1404235
Conc: 7.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



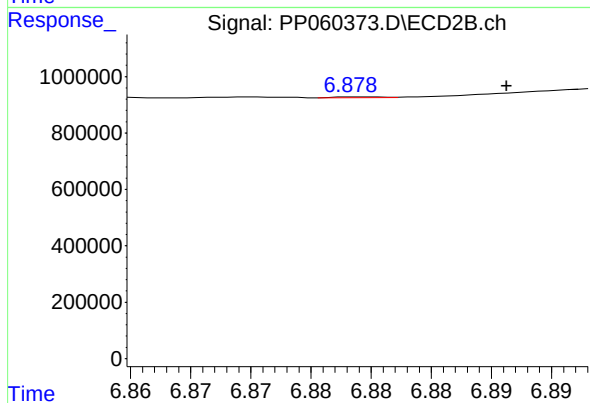
#35 AR-1260-5

R.T.: 7.345 min
Delta R.T.: 0.003 min
Response: 1495106
Conc: 6.90 ng/ml



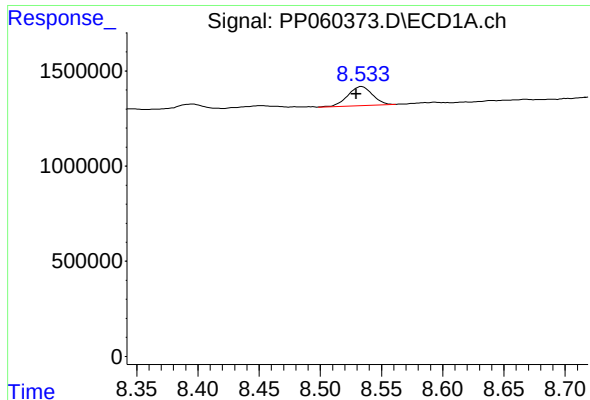
#36 AR-1262-1

R.T.: 7.970 min
Delta R.T.: 0.007 min
Response: 848636
Conc: 6.80 ng/ml



#36 AR-1262-1

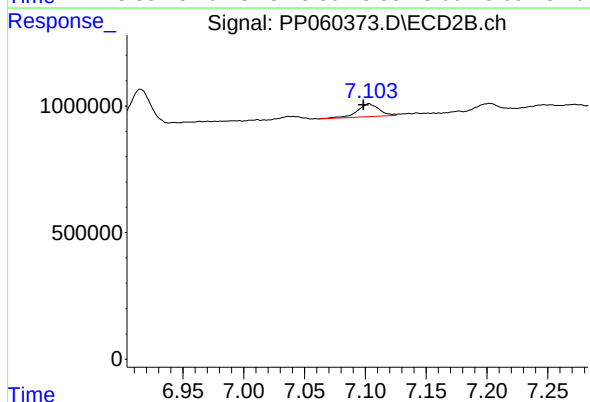
R.T.: 6.879 min
Delta R.T.: -0.012 min
Response: 7271
Conc: 0.14 ng/ml



#37 AR-1262-2

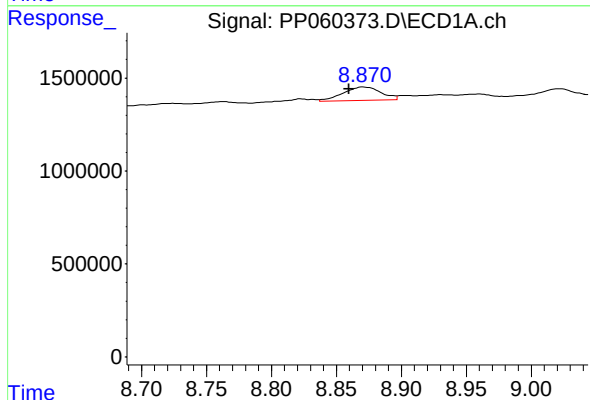
R.T.: 8.534 min
Delta R.T.: 0.004 min
Response: 1404235
Conc: 6.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



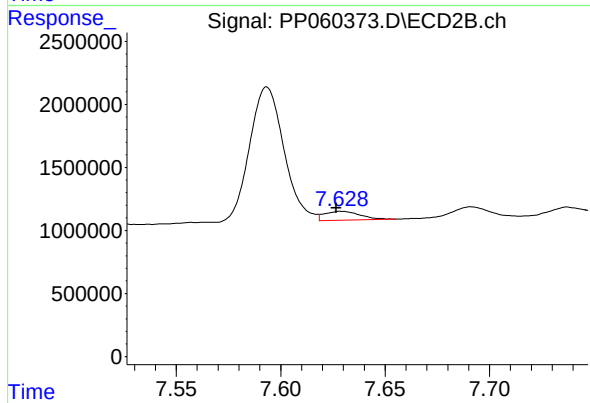
#37 AR-1262-2

R.T.: 7.103 min
Delta R.T.: 0.004 min
Response: 640070
Conc: 5.43 ng/ml



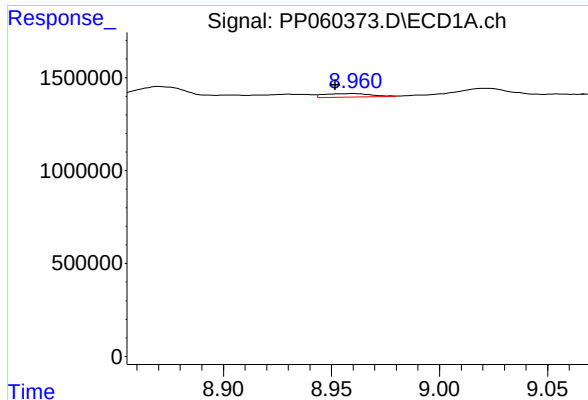
#38 AR-1262-3

R.T.: 8.871 min
Delta R.T.: 0.011 min
Response: 1470170
Conc: 9.71 ng/ml



#38 AR-1262-3

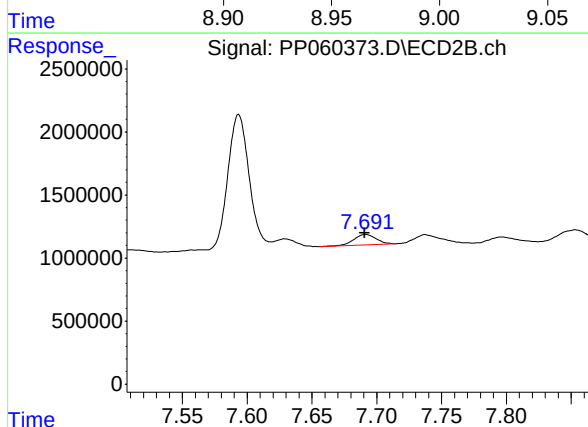
R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 844292
Conc: 9.16 ng/ml



#39 AR-1262-4

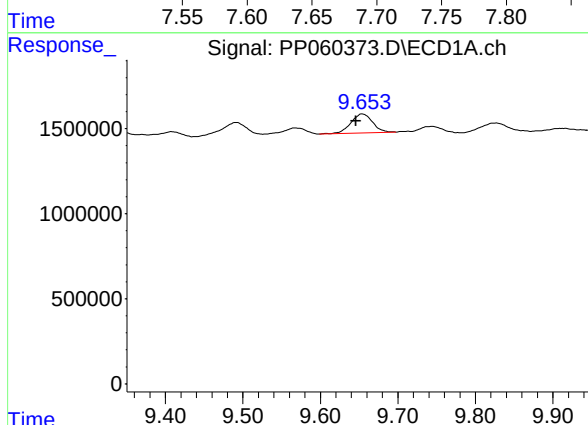
R.T.: 8.960 min
Delta R.T.: 0.008 min
Response: 295529
Conc: 2.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



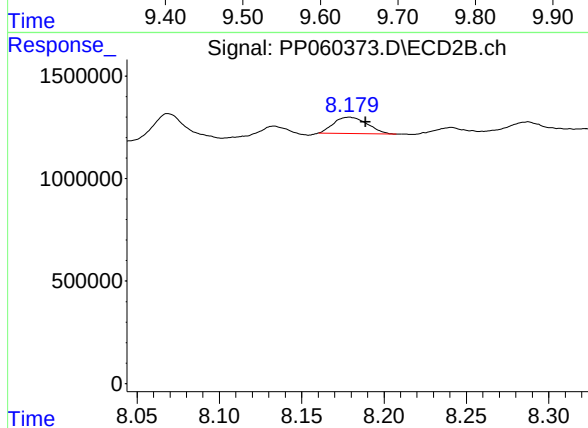
#39 AR-1262-4

R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 984159
Conc: 5.84 ng/ml



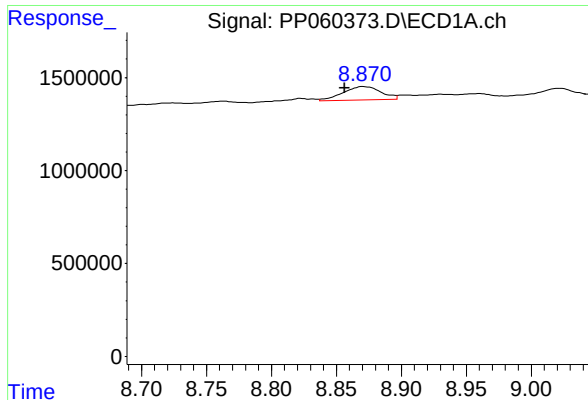
#40 AR-1262-5

R.T.: 9.654 min
Delta R.T.: 0.008 min
Response: 2154163
Conc: 26.91 ng/ml



#40 AR-1262-5

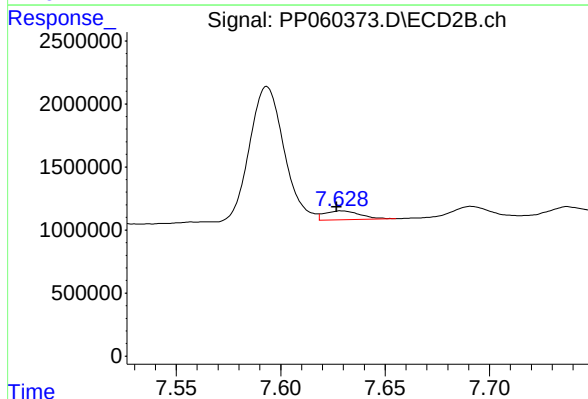
R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 1127425
Conc: 14.55 ng/ml



#41 AR-1268-1

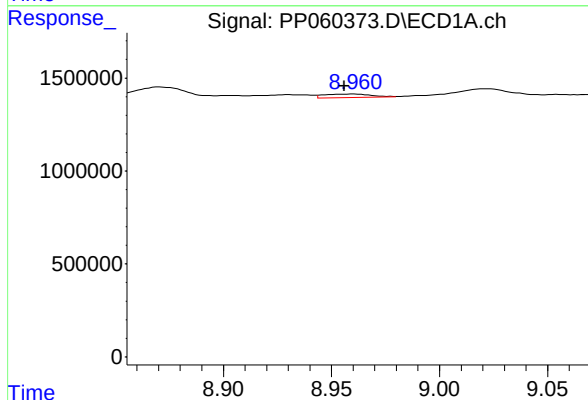
R.T.: 8.871 min
Delta R.T.: 0.014 min
Response: 1470170
Conc: 5.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



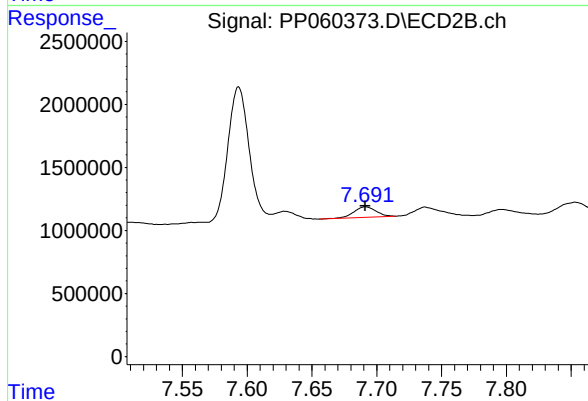
#41 AR-1268-1

R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 844292
Conc: 3.11 ng/ml



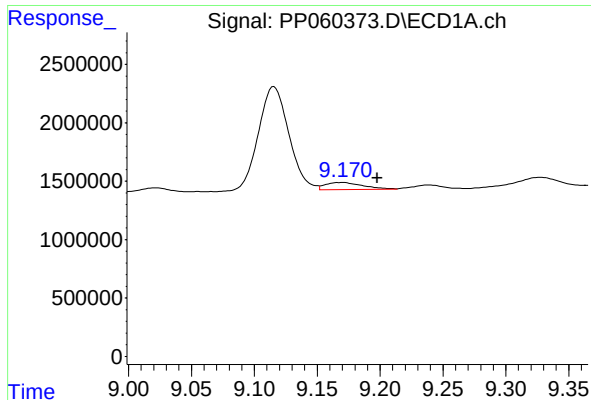
#42 AR-1268-2

R.T.: 8.960 min
Delta R.T.: 0.004 min
Response: 295529
Conc: 1.21 ng/ml



#42 AR-1268-2

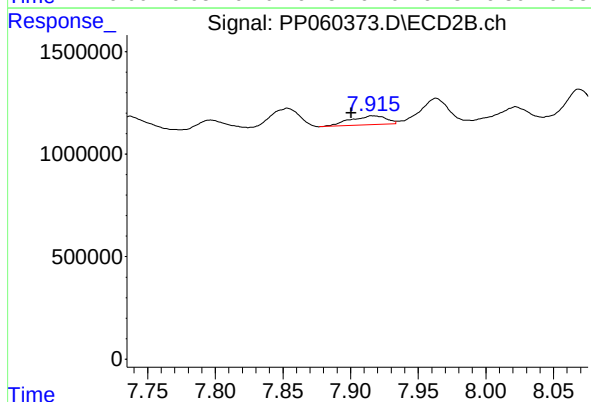
R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 984159
Conc: 4.04 ng/ml



#43 AR-1268-3

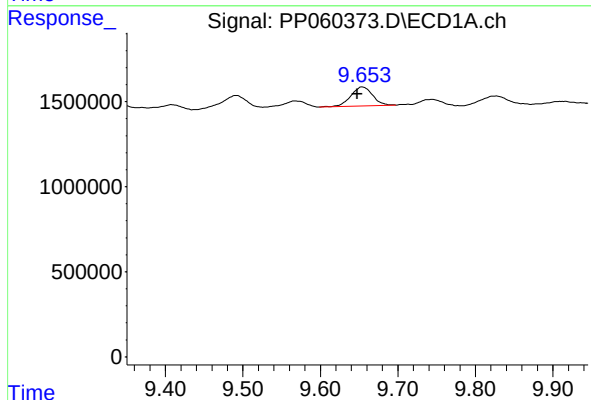
R.T.: 9.171 min
Delta R.T.: -0.027 min
Response: 1302157
Conc: 6.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



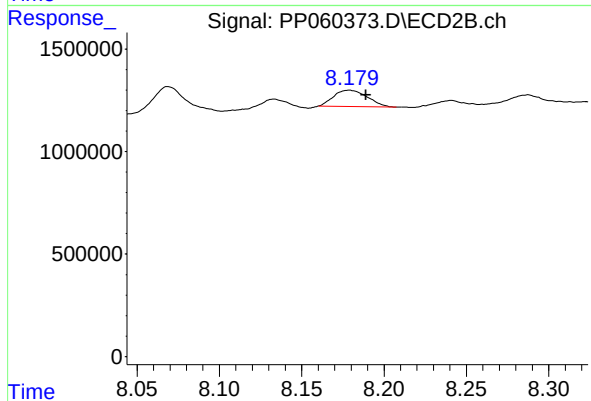
#43 AR-1268-3

R.T.: 7.916 min
Delta R.T.: 0.015 min
Response: 792510
Conc: 3.71 ng/ml



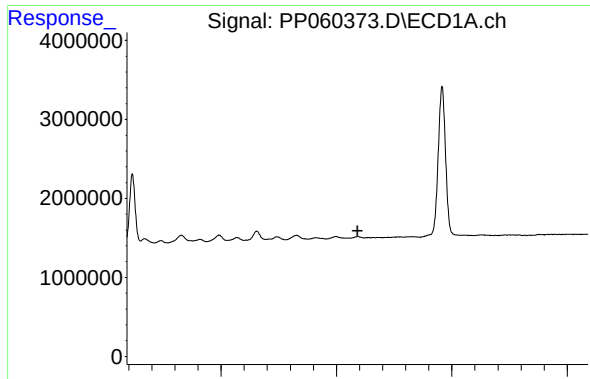
#44 AR-1268-4

R.T.: 9.654 min
Delta R.T.: 0.006 min
Response: 2154163
Conc: 23.32 ng/ml



#44 AR-1268-4

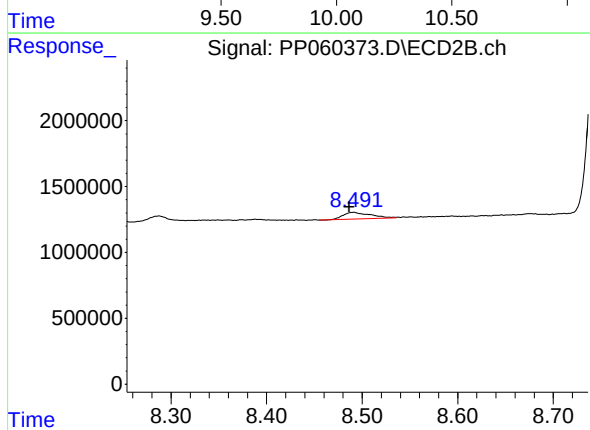
R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 1127425
Conc: 12.85 ng/ml



#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.: 8.491 min
Delta R.T.: 0.004 min
Response: 1012302
Conc: 1.62 ng/ml