

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092223\
 Data File : PP060179.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2023 01:34
 Operator : YP\AJ
 Sample : 04563-04 10X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:52:56 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...	4.508	3.665	2709232	1668139	1.302	1.024
2) SA Decachlor...	10.426	8.723	1859906	5580741	1.219	3.686 #
Target Compounds						
3) L1 AR-1016-1	0.000	4.762	0	1015189	N.D.	16.887 #
4) L1 AR-1016-2	5.745f	4.800	1829748	2373928	19.127	28.601 #
5) L1 AR-1016-3	5.781	4.959	1279463	634112	21.495	14.136 #
6) L1 AR-1016-4	5.886	5.007	685506	993738	14.000	28.168 #
7) L1 AR-1016-5	6.185	5.220	901592	755646	18.337	16.252
8) L2 AR-1221-1	4.718	3.905f	773925	2926719	29.113	133.246 #
9) L2 AR-1221-2	4.817	3.988	634745	269229	32.248	17.438 #
10) L2 AR-1221-3	4.874	4.047	873181	156012	15.287	3.326 #
11) L3 AR-1232-1	4.874	4.047	873181	156012	18.716	4.104 #
12) L3 AR-1232-2	5.441f	4.800	2254472	2373928	88.763	64.381 #
13) L3 AR-1232-3	5.745f	4.959	1829748	634112	42.352	31.668 #
14) L3 AR-1232-4	5.886	5.044	685506	2282901	31.014	124.977 #
15) L3 AR-1232-5	5.971	5.220	1591806	755646	86.769	37.689 #
16) L4 AR-1242-1	0.000	4.762	0	1015189	N.D.	19.278 #
17) L4 AR-1242-2	5.745f	4.800	1829748	2373928	21.773	32.945 #
18) L4 AR-1242-3	5.781	4.959	1279463	634112	24.463	16.204 #
19) L4 AR-1242-4	5.886	5.044	685506	2282901	15.908	58.253 #
20) L4 AR-1242-5	6.629	5.576	1906836	2428405	41.707	50.194
21) L5 AR-1248-1	0.000	4.762	0	1015189	N.D.	25.982 #
22) L5 AR-1248-2	5.971	5.007	1591806	993738	24.579	18.340 #
23) L5 AR-1248-3	6.185	5.044	901592	2282901	12.730	40.122 #
24) L5 AR-1248-4	6.591	5.220	1137556	755646	14.708	11.251
25) L5 AR-1248-5	6.629	5.620	1906836	647887	25.343	9.822 #
26) L6 AR-1254-1	6.563	5.576	2264271	2428405	28.361	24.198
27) L6 AR-1254-2	6.785	5.725	3696019	1545271	30.859	17.787 #
28) L6 AR-1254-3	7.155	6.132	2235843	2959747	18.405	21.081
29) L6 AR-1254-4	7.443	6.362	1876390	1353397	21.099	16.078
30) L6 AR-1254-5	7.867	6.782	3656981	4488933	37.594	37.844
31) L7 AR-1260-1	7.322	6.262	2104343	2932523	23.346	31.493 #
32) L7 AR-1260-2	7.582	6.478	3245252	425059	31.634	3.877 #
33) L7 AR-1260-3	7.945	6.608	2228846	2404277	28.300	23.376
34) L7 AR-1260-4	8.169	7.083	3098873	1454652	34.578	17.466 #
35) L7 AR-1260-5	8.508	7.326	2289396	2990971	13.415	15.545
36) L8 AR-1262-1	7.945	6.892	2228846	119725	19.258	2.372 #
37) L8 AR-1262-2	8.508	7.083	2289396	1454652	11.436	12.876
38) L8 AR-1262-3	8.851	7.633	5546588	41042	38.518	0.468 #
39) L8 AR-1262-4	8.910f	7.675	728103	2551329	6.412	15.623 #
40) L8 AR-1262-5	0.000	8.175f	0	762871	N.D.	10.220 #
41) L9 AR-1268-1	8.851	7.633	5546588	41042	22.119	0.158 #

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 Response via : Initial Calibration
 Integrator: ChemStation

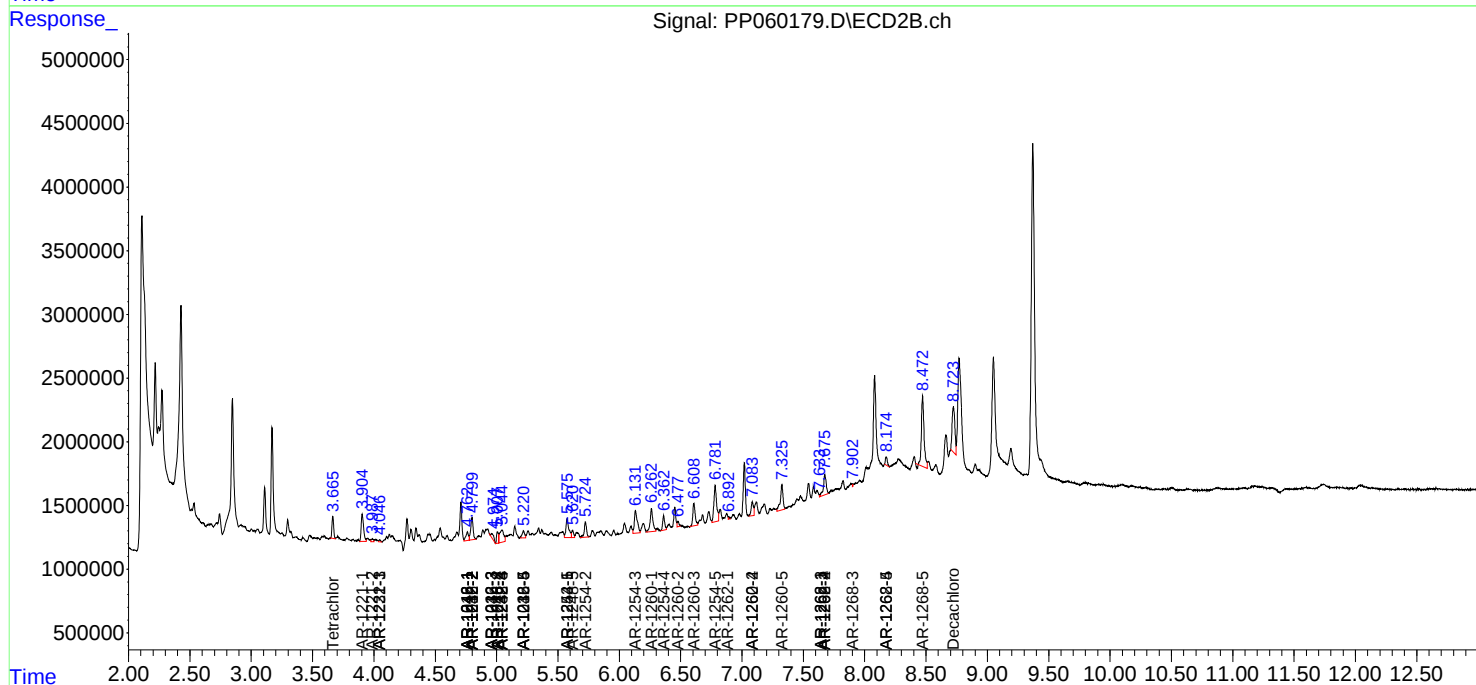
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

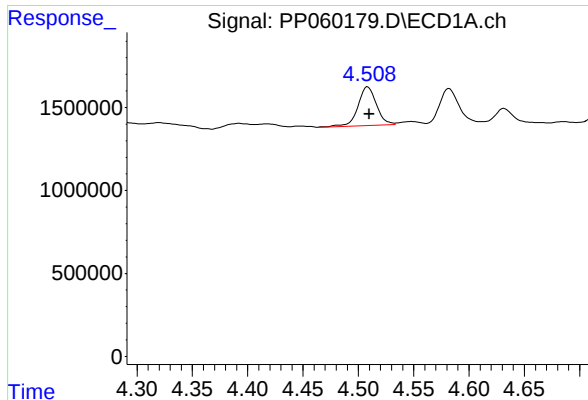
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.910f	7.675f	728103	2551329	3.173	11.036 #
43) L9	AR-1268-3	0.000	7.903	0	67855	N.D.	0.332 #
44) L9	AR-1268-4	0.000	8.175	0	762871	N.D.	9.448 #
45) L9	AR-1268-5	0.000	8.472f	0	8033893	N.D.	12.719 #

(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

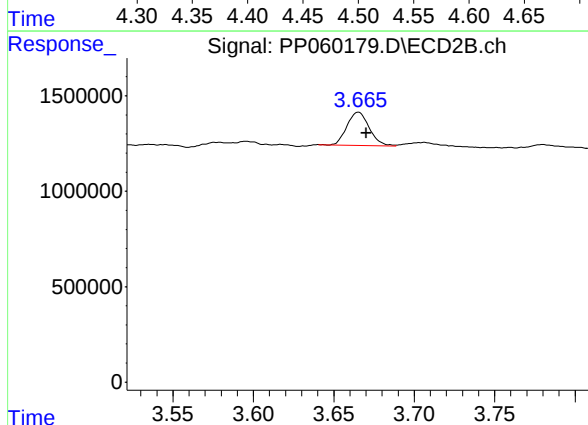




#1 Tetrachloro-m-xylene

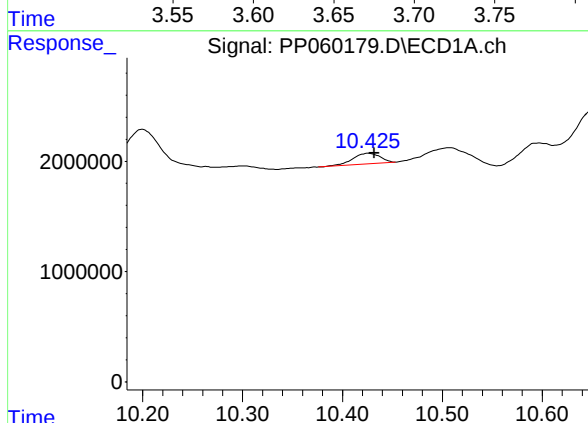
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 2709232
Conc: 1.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



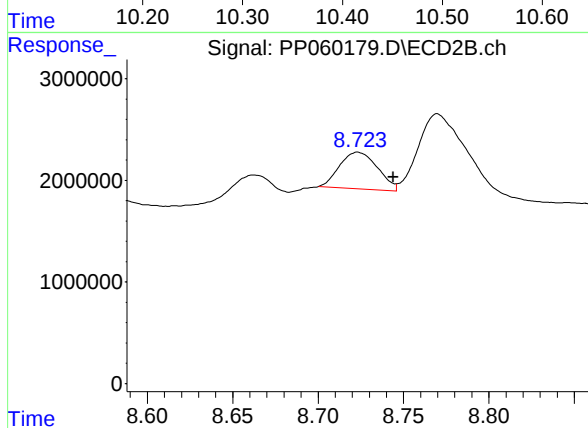
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.005 min
Response: 1668139
Conc: 1.02 ng/ml



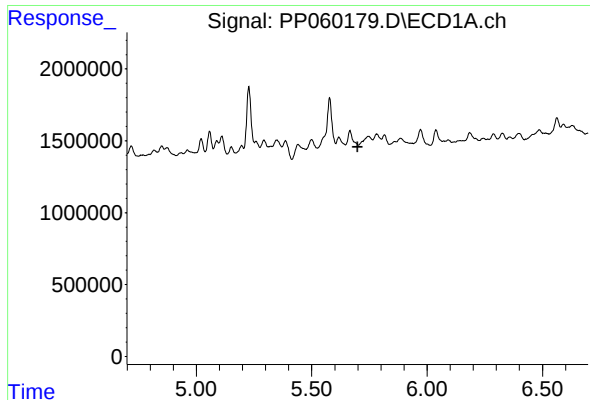
#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.006 min
Response: 1859906
Conc: 1.22 ng/ml



#2 Decachlorobiphenyl

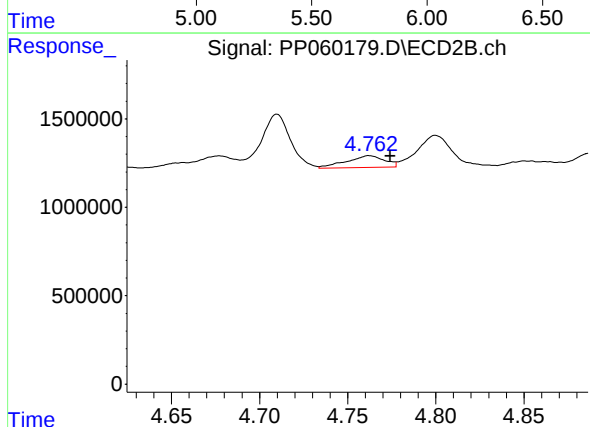
R.T.: 8.723 min
Delta R.T.: -0.021 min
Response: 5580741
Conc: 3.69 ng/ml



#3 AR-1016-1

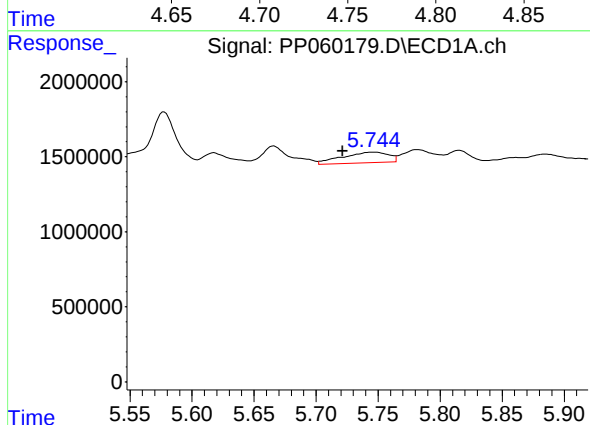
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



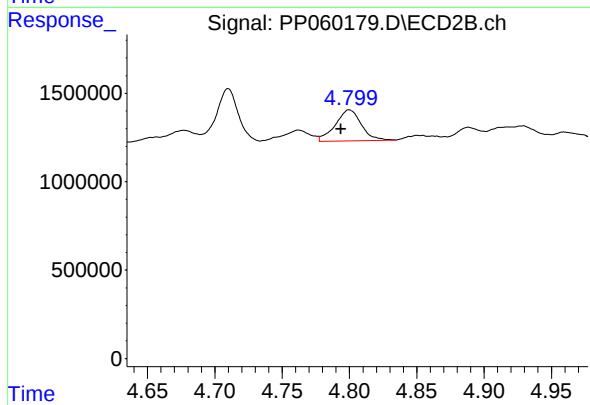
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.012 min
Response: 1015189
Conc: 16.89 ng/ml



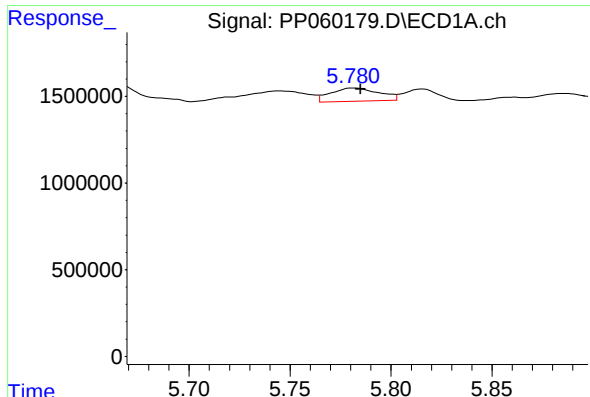
#4 AR-1016-2

R.T.: 5.745 min
Delta R.T.: 0.024 min
Response: 1829748
Conc: 19.13 ng/ml



#4 AR-1016-2

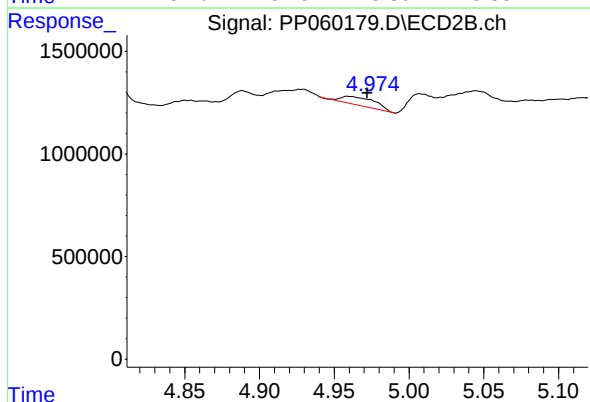
R.T.: 4.800 min
Delta R.T.: 0.006 min
Response: 2373928
Conc: 28.60 ng/ml



#5 AR-1016-3

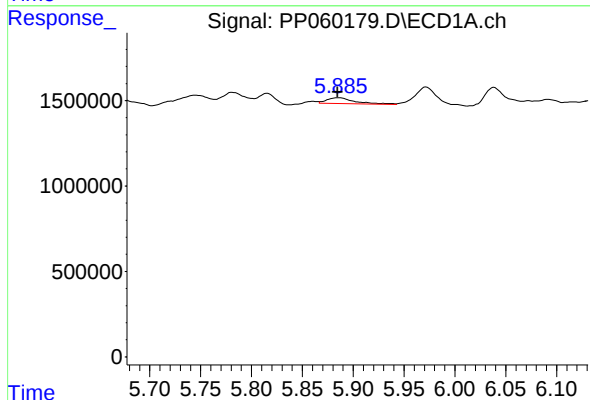
R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 1279463
Conc: 21.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



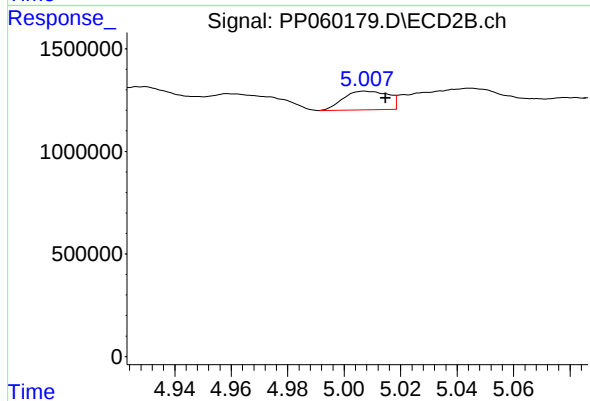
#5 AR-1016-3

R.T.: 4.959 min
Delta R.T.: -0.013 min
Response: 634112
Conc: 14.14 ng/ml



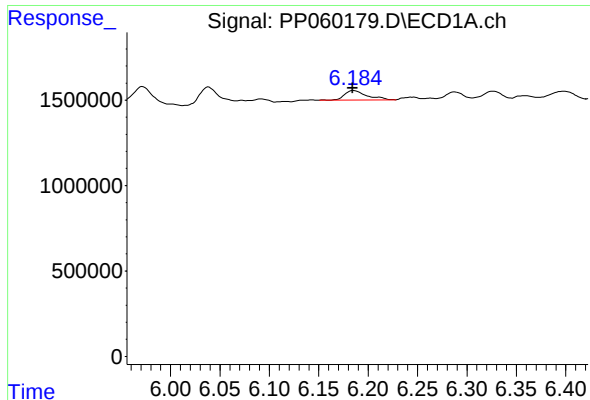
#6 AR-1016-4

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 685506
Conc: 14.00 ng/ml



#6 AR-1016-4

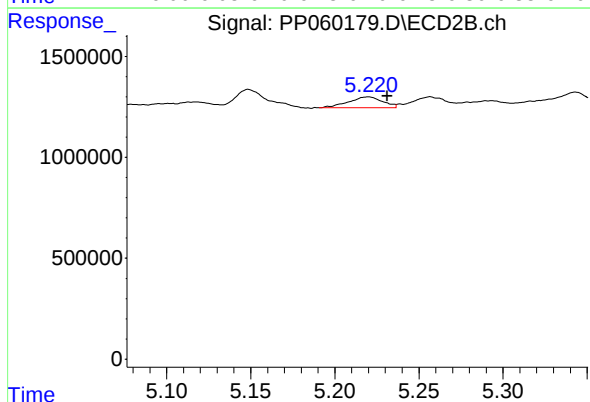
R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 993738
Conc: 28.17 ng/ml



#7 AR-1016-5

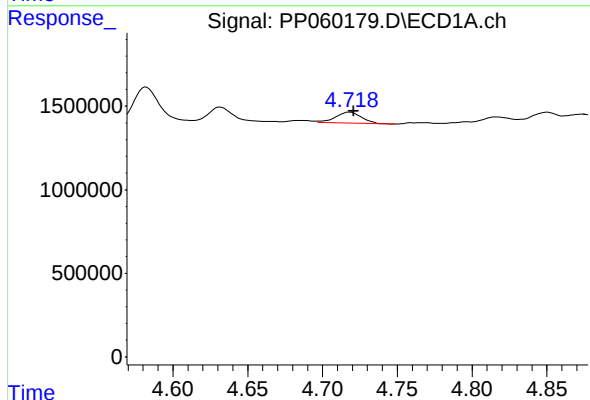
R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 901592
Conc: 18.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



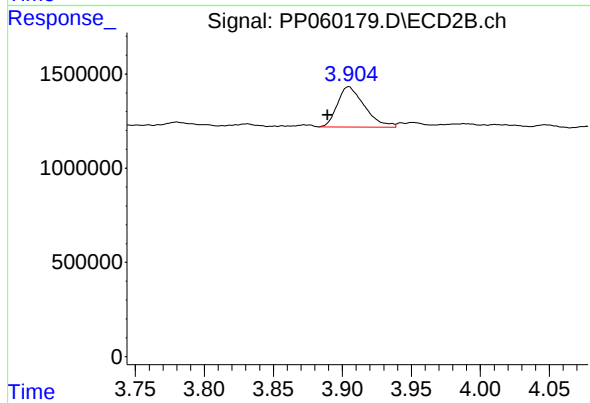
#7 AR-1016-5

R.T.: 5.220 min
Delta R.T.: -0.011 min
Response: 755646
Conc: 16.25 ng/ml



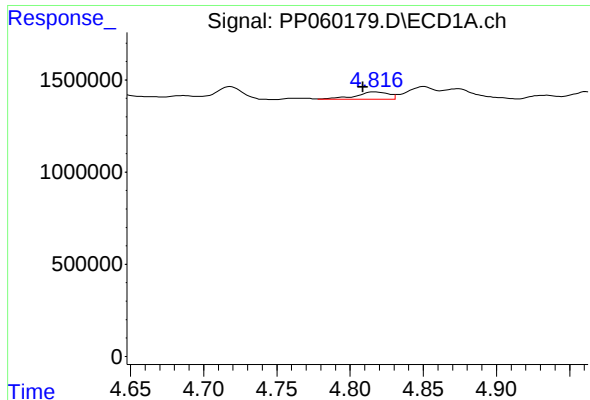
#8 AR-1221-1

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 773925
Conc: 29.11 ng/ml



#8 AR-1221-1

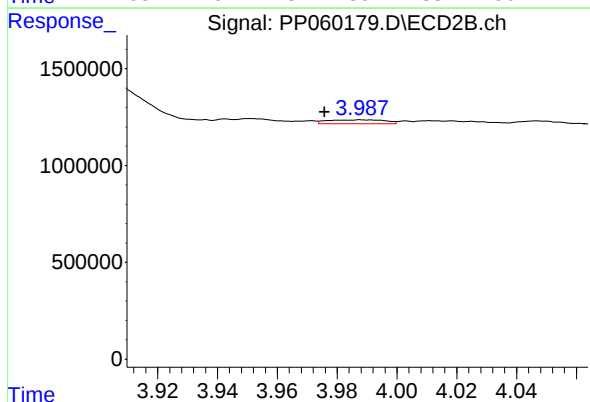
R.T.: 3.905 min
Delta R.T.: 0.015 min
Response: 2926719
Conc: 133.25 ng/ml



#9 AR-1221-2

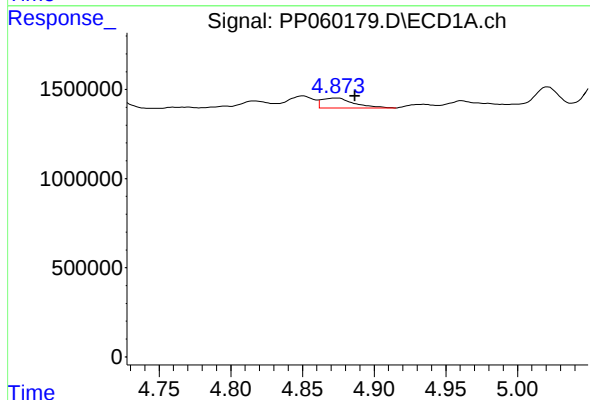
R.T.: 4.817 min
Delta R.T.: 0.008 min
Response: 634745
Conc: 32.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



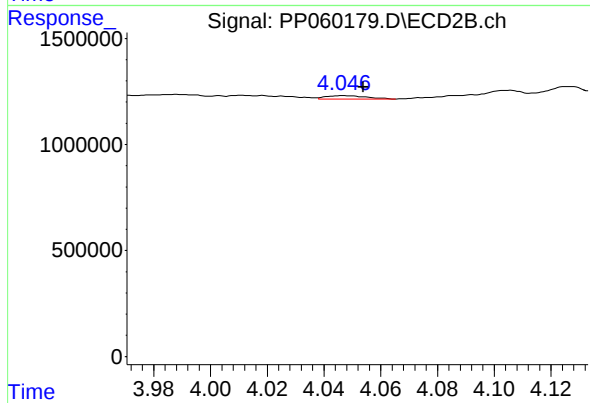
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: 0.012 min
Response: 269229
Conc: 17.44 ng/ml



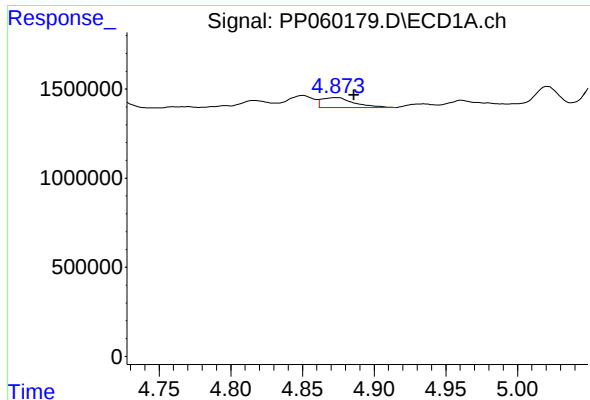
#10 AR-1221-3

R.T.: 4.874 min
Delta R.T.: -0.013 min
Response: 873181
Conc: 15.29 ng/ml



#10 AR-1221-3

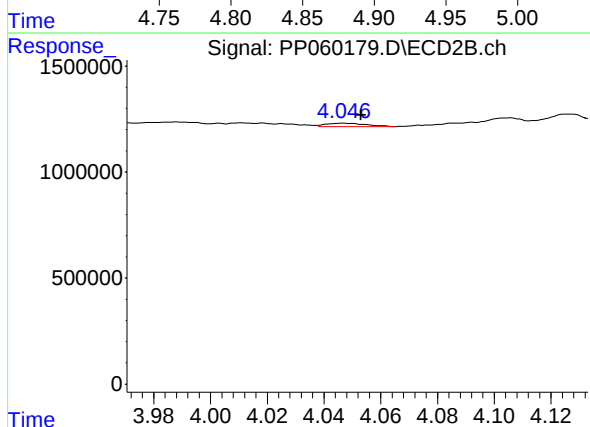
R.T.: 4.047 min
Delta R.T.: -0.007 min
Response: 156012
Conc: 3.33 ng/ml



#11 AR-1232-1

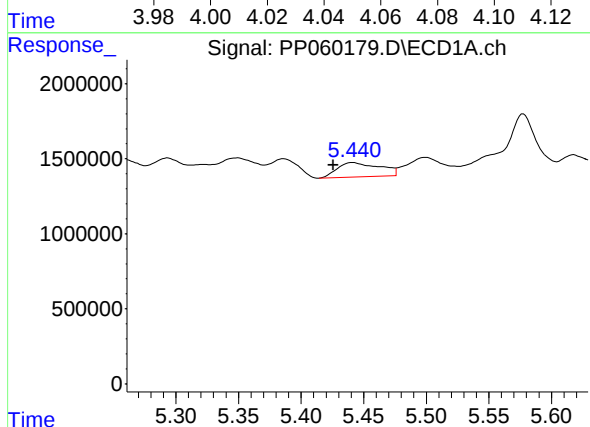
R.T.: 4.874 min
Delta R.T.: -0.012 min
Response: 873181
Conc: 18.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



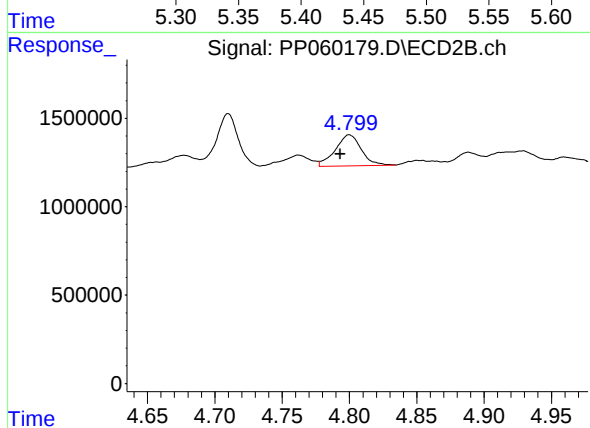
#11 AR-1232-1

R.T.: 4.047 min
Delta R.T.: -0.006 min
Response: 156012
Conc: 4.10 ng/ml



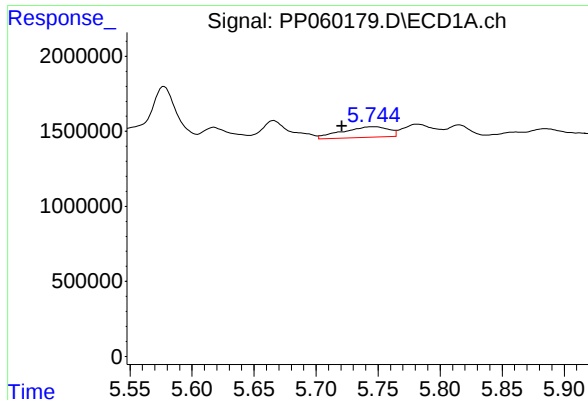
#12 AR-1232-2

R.T.: 5.441 min
Delta R.T.: 0.016 min
Response: 2254472
Conc: 88.76 ng/ml



#12 AR-1232-2

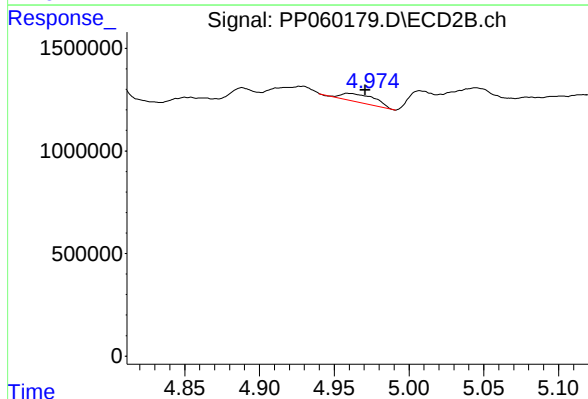
R.T.: 4.800 min
Delta R.T.: 0.007 min
Response: 2373928
Conc: 64.38 ng/ml



#13 AR-1232-3

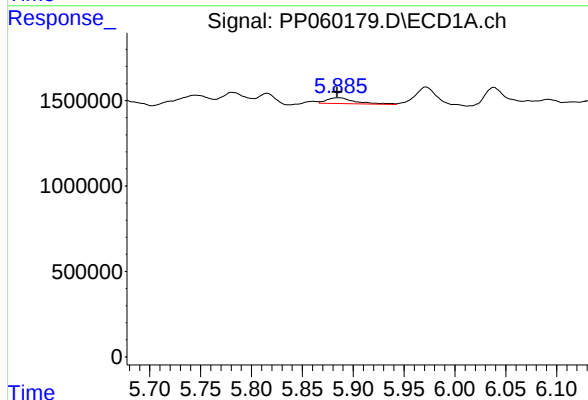
R.T.: 5.745 min
Delta R.T.: 0.024 min
Response: 1829748
Conc: 42.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



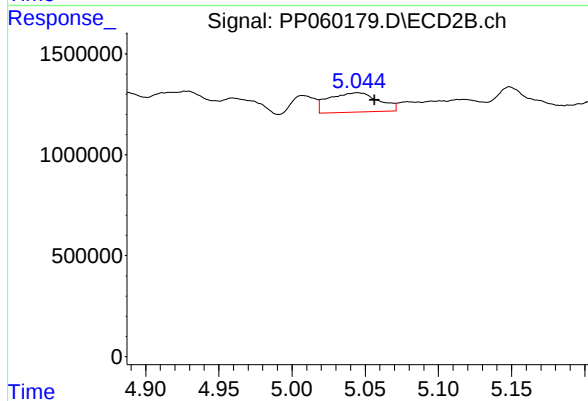
#13 AR-1232-3

R.T.: 4.959 min
Delta R.T.: -0.012 min
Response: 634112
Conc: 31.67 ng/ml



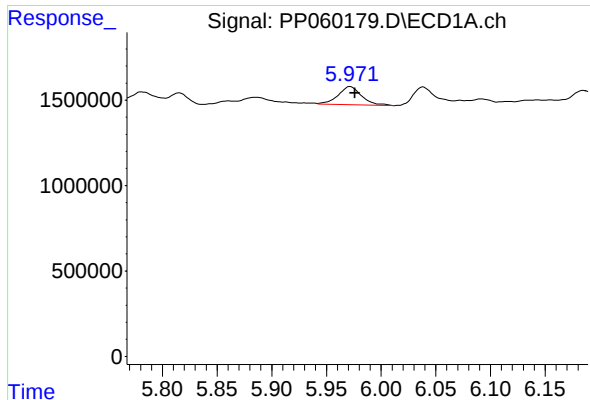
#14 AR-1232-4

R.T.: 5.886 min
Delta R.T.: 0.001 min
Response: 685506
Conc: 31.01 ng/ml



#14 AR-1232-4

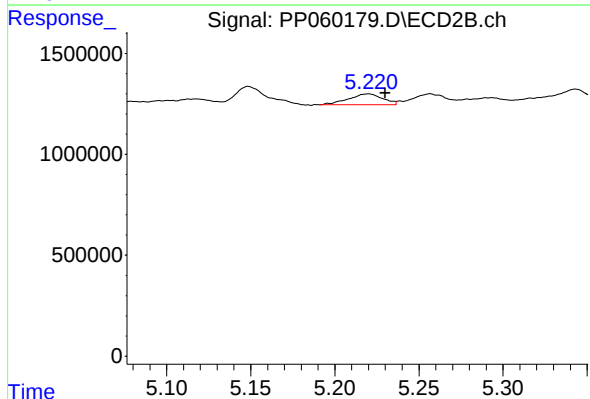
R.T.: 5.044 min
Delta R.T.: -0.012 min
Response: 2282901
Conc: 124.98 ng/ml



#15 AR-1232-5

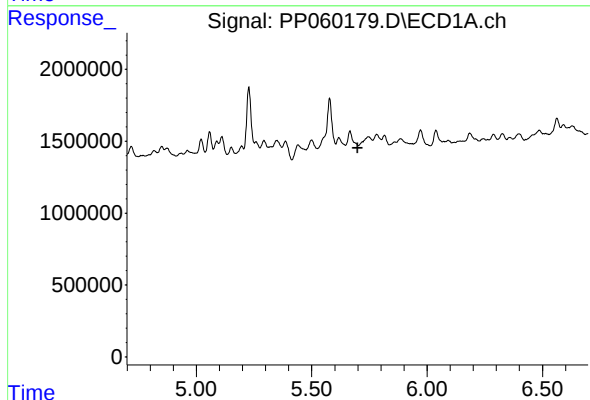
R.T.: 5.971 min
Delta R.T.: -0.005 min
Response: 1591806
Conc: 86.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



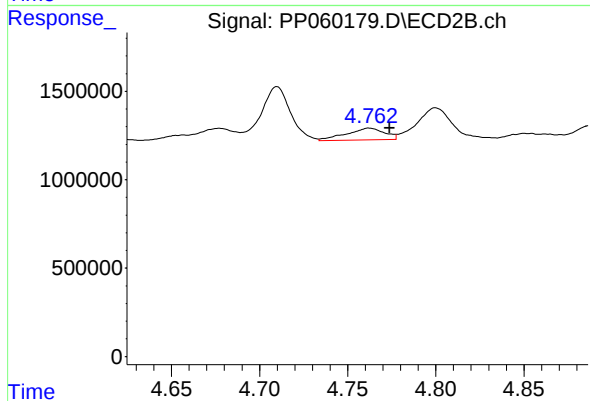
#15 AR-1232-5

R.T.: 5.220 min
Delta R.T.: -0.010 min
Response: 755646
Conc: 37.69 ng/ml



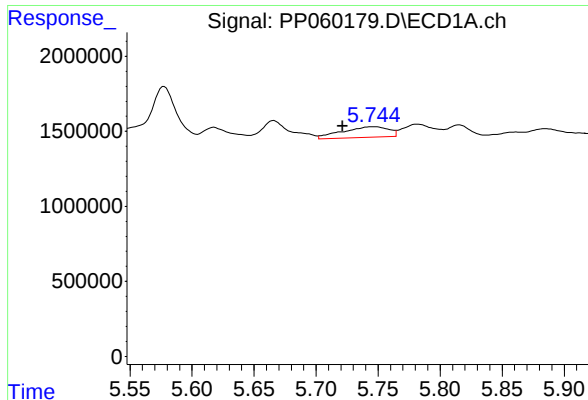
#16 AR-1242-1

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



#16 AR-1242-1

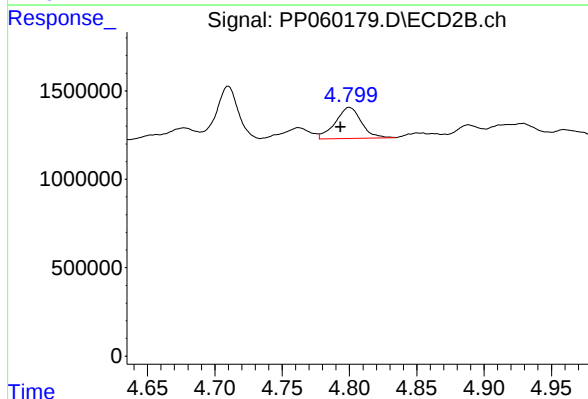
R.T.: 4.762 min
Delta R.T.: -0.012 min
Response: 1015189
Conc: 19.28 ng/ml



#17 AR-1242-2

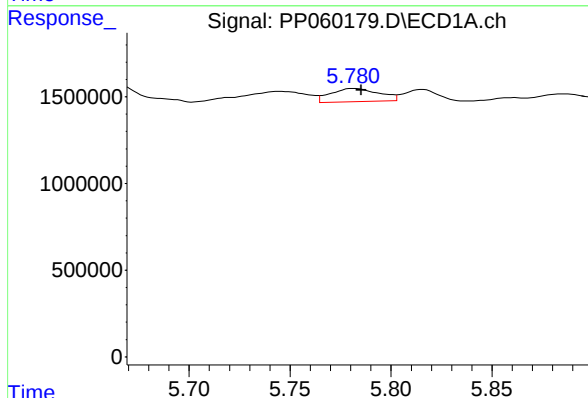
R.T.: 5.745 min
Delta R.T.: 0.024 min
Response: 1829748
Conc: 21.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



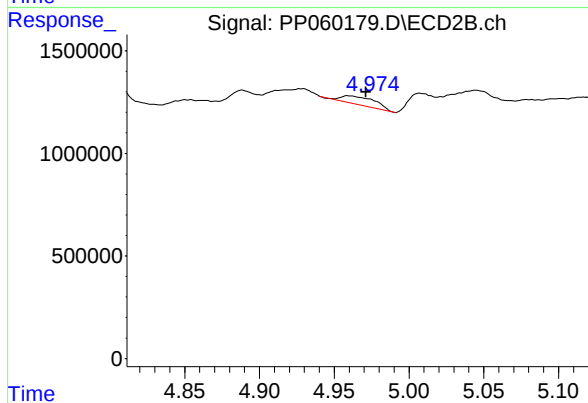
#17 AR-1242-2

R.T.: 4.800 min
Delta R.T.: 0.006 min
Response: 2373928
Conc: 32.95 ng/ml



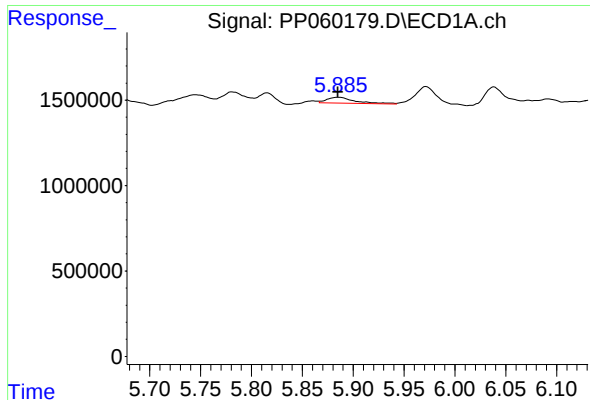
#18 AR-1242-3

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 1279463
Conc: 24.46 ng/ml



#18 AR-1242-3

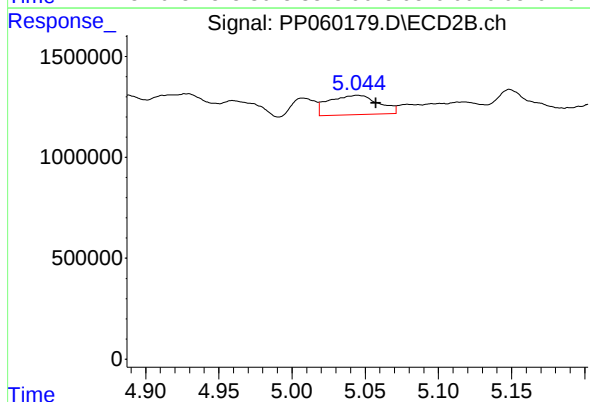
R.T.: 4.959 min
Delta R.T.: -0.012 min
Response: 634112
Conc: 16.20 ng/ml



#19 AR-1242-4

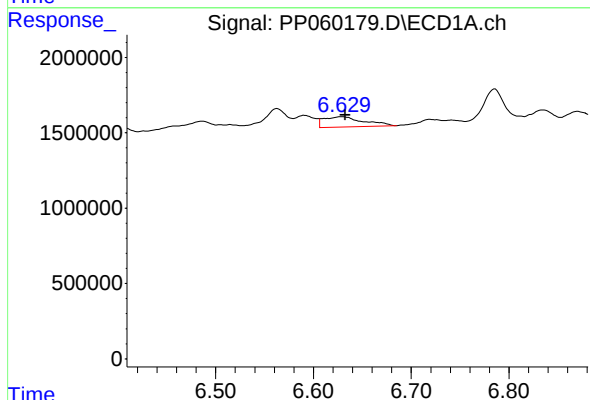
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 685506
Conc: 15.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



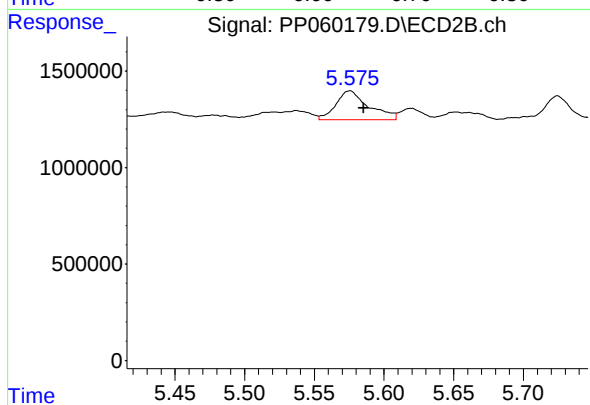
#19 AR-1242-4

R.T.: 5.044 min
Delta R.T.: -0.013 min
Response: 2282901
Conc: 58.25 ng/ml



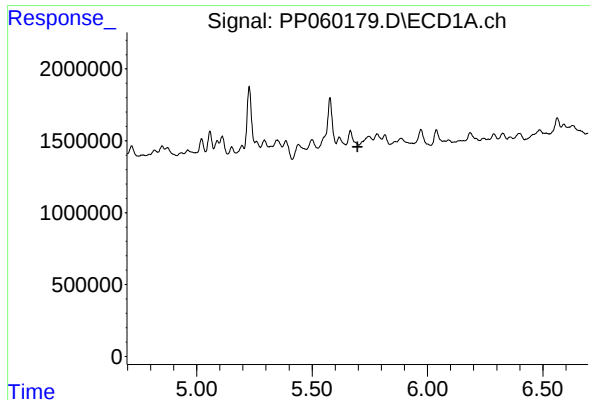
#20 AR-1242-5

R.T.: 6.629 min
Delta R.T.: -0.003 min
Response: 1906836
Conc: 41.71 ng/ml



#20 AR-1242-5

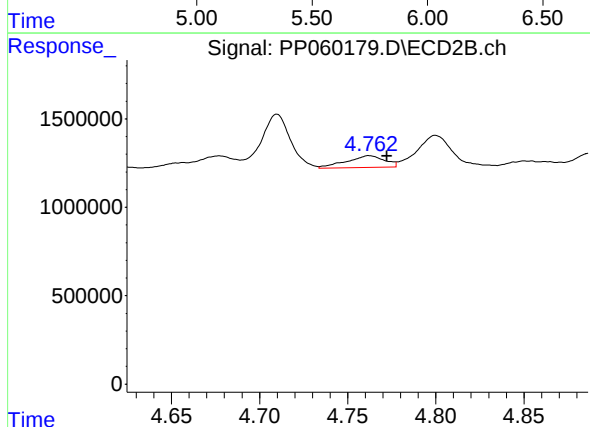
R.T.: 5.576 min
Delta R.T.: -0.010 min
Response: 2428405
Conc: 50.19 ng/ml



#21 AR-1248-1

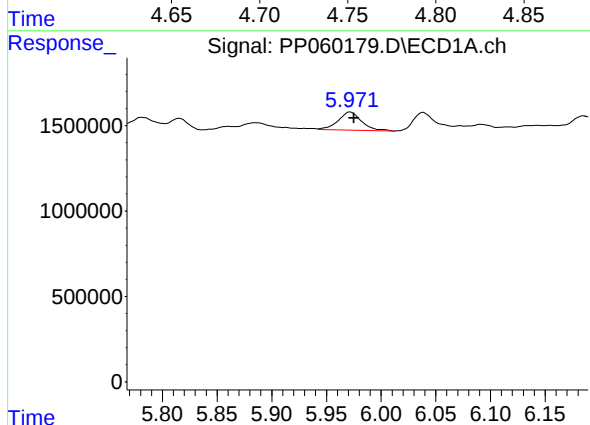
R.T.: 0.000 min
Exp R.T.: 5.697 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



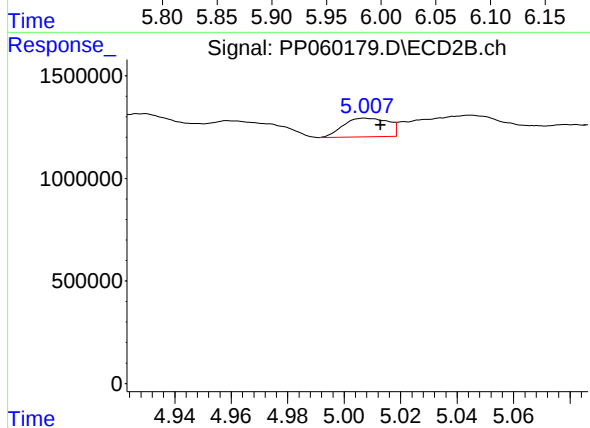
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.010 min
Response: 1015189
Conc: 25.98 ng/ml



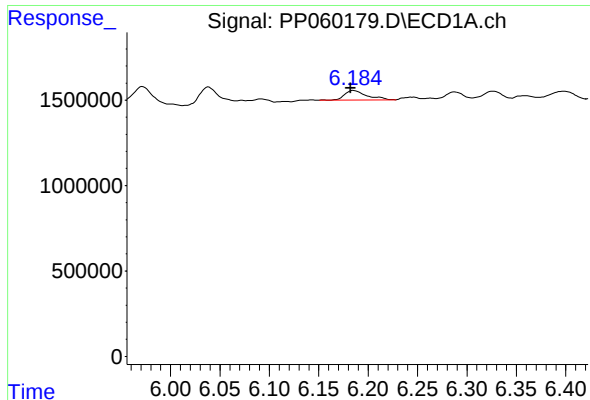
#22 AR-1248-2

R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 1591806
Conc: 24.58 ng/ml



#22 AR-1248-2

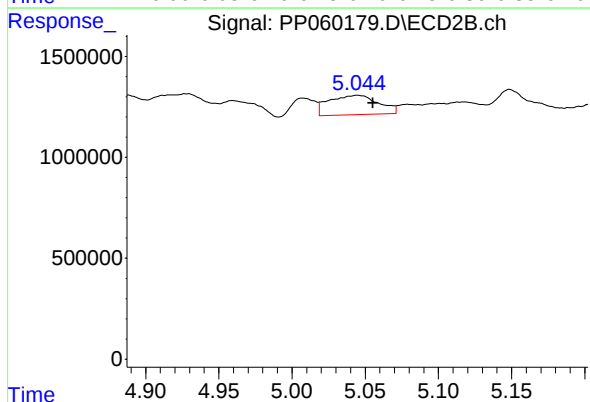
R.T.: 5.007 min
Delta R.T.: -0.006 min
Response: 993738
Conc: 18.34 ng/ml



#23 AR-1248-3

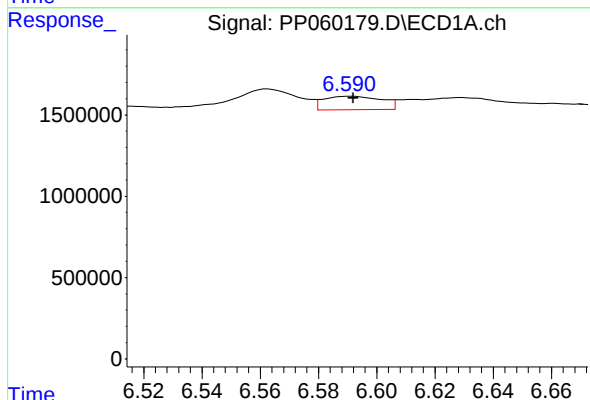
R.T.: 6.185 min
Delta R.T.: 0.002 min
Response: 901592
Conc: 12.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



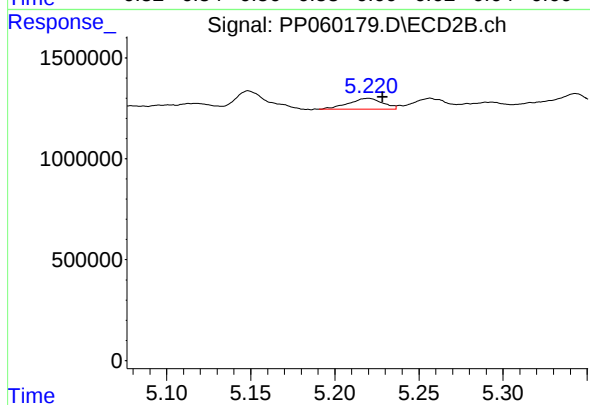
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: -0.011 min
Response: 2282901
Conc: 40.12 ng/ml



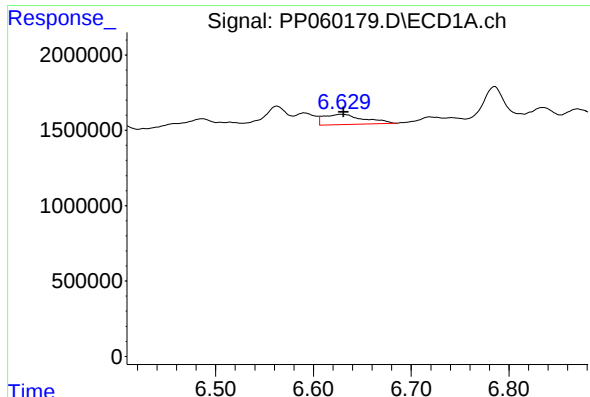
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: -0.001 min
Response: 1137556
Conc: 14.71 ng/ml



#24 AR-1248-4

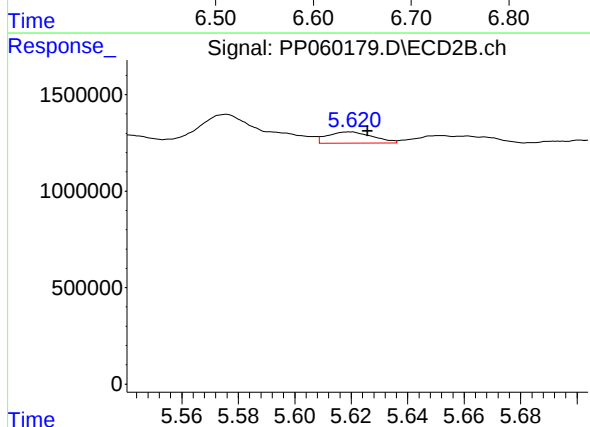
R.T.: 5.220 min
Delta R.T.: -0.008 min
Response: 755646
Conc: 11.25 ng/ml



#25 AR-1248-5

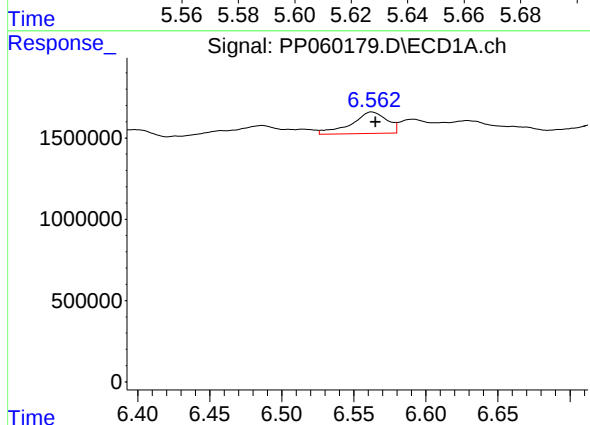
R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 1906836
Conc: 25.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



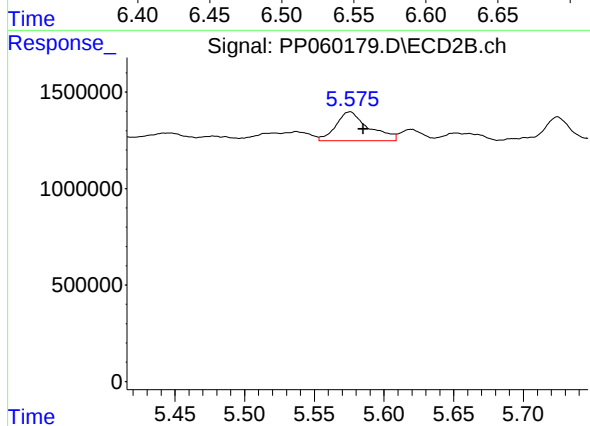
#25 AR-1248-5

R.T.: 5.620 min
Delta R.T.: -0.006 min
Response: 647887
Conc: 9.82 ng/ml



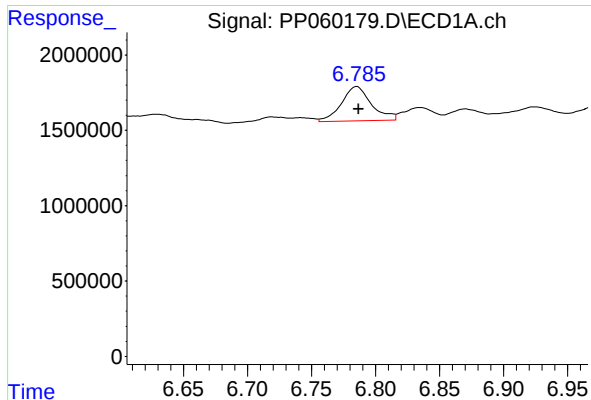
#26 AR-1254-1

R.T.: 6.563 min
Delta R.T.: -0.002 min
Response: 2264271
Conc: 28.36 ng/ml



#26 AR-1254-1

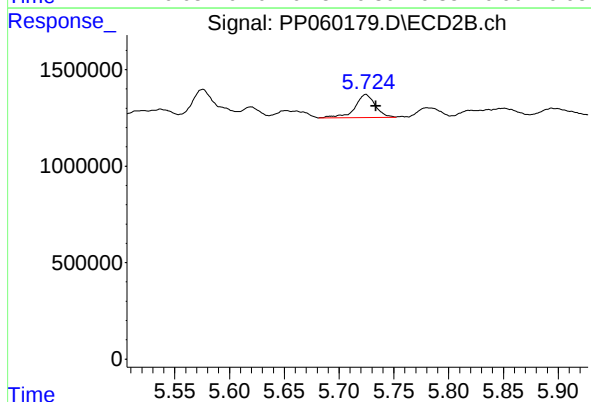
R.T.: 5.576 min
Delta R.T.: -0.009 min
Response: 2428405
Conc: 24.20 ng/ml



#27 AR-1254-2

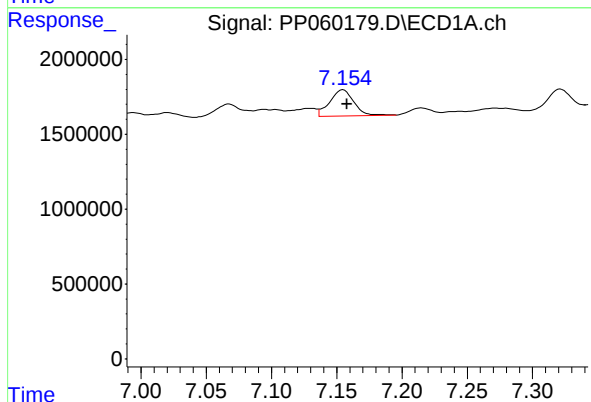
R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 3696019
Conc: 30.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



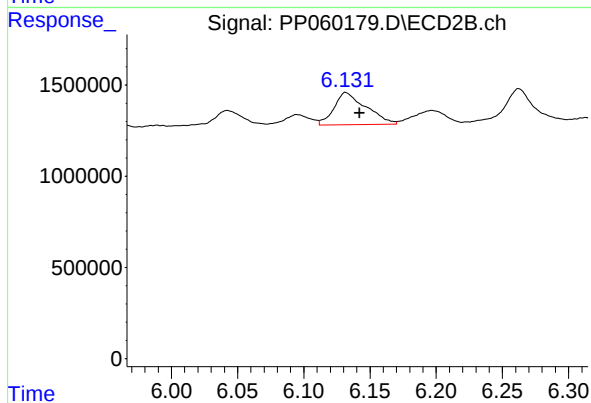
#27 AR-1254-2

R.T.: 5.725 min
Delta R.T.: -0.009 min
Response: 1545271
Conc: 17.79 ng/ml



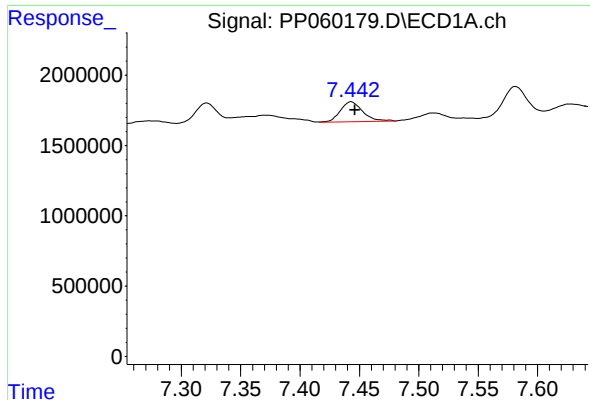
#28 AR-1254-3

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 2235843
Conc: 18.40 ng/ml



#28 AR-1254-3

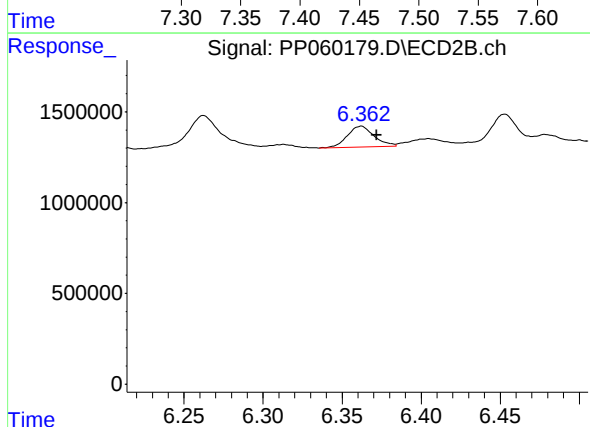
R.T.: 6.132 min
Delta R.T.: -0.011 min
Response: 2959747
Conc: 21.08 ng/ml



#29 AR-1254-4

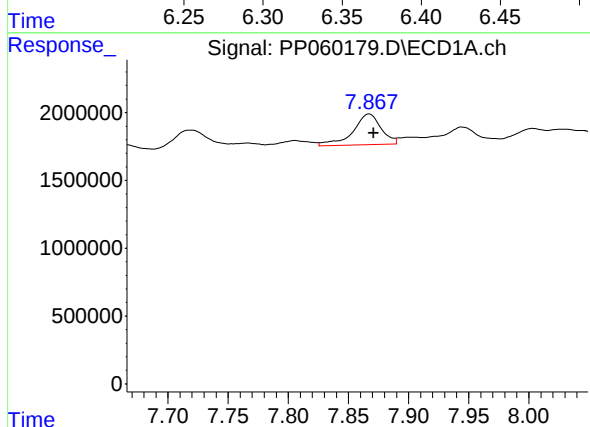
R.T.: 7.443 min
Delta R.T.: -0.003 min
Response: 1876390
Conc: 21.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



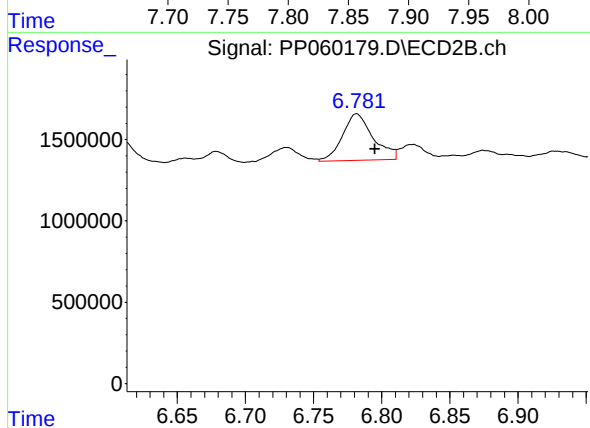
#29 AR-1254-4

R.T.: 6.362 min
Delta R.T.: -0.010 min
Response: 1353397
Conc: 16.08 ng/ml



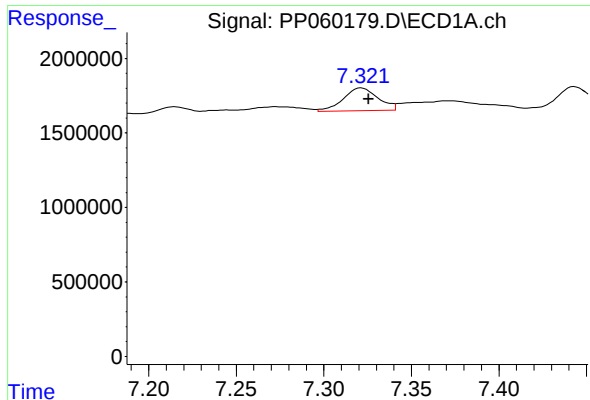
#30 AR-1254-5

R.T.: 7.867 min
Delta R.T.: -0.004 min
Response: 3656981
Conc: 37.59 ng/ml



#30 AR-1254-5

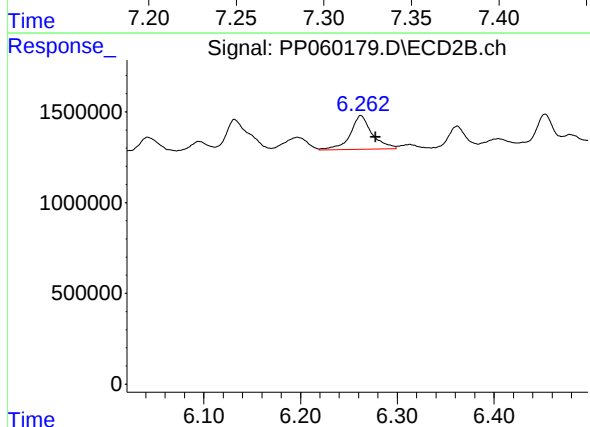
R.T.: 6.782 min
Delta R.T.: -0.014 min
Response: 4488933
Conc: 37.84 ng/ml



#31 AR-1260-1

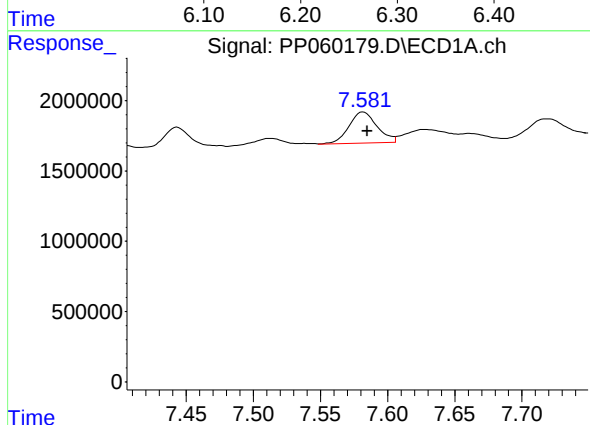
R.T.: 7.322 min
Delta R.T.: -0.004 min
Response: 2104343
Conc: 23.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



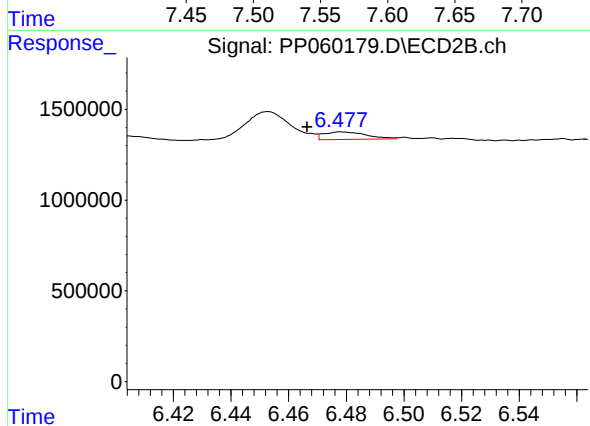
#31 AR-1260-1

R.T.: 6.262 min
Delta R.T.: -0.016 min
Response: 2932523
Conc: 31.49 ng/ml



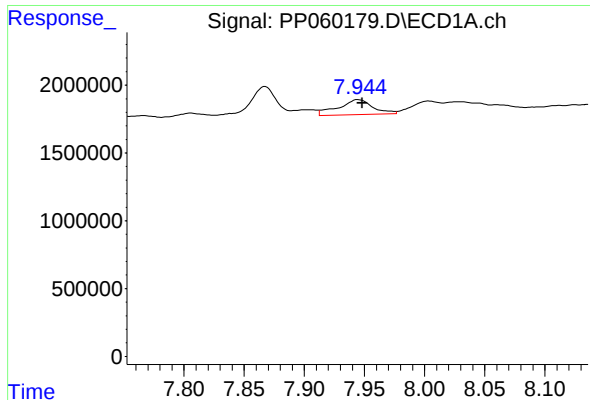
#32 AR-1260-2

R.T.: 7.582 min
Delta R.T.: -0.003 min
Response: 3245252
Conc: 31.63 ng/ml



#32 AR-1260-2

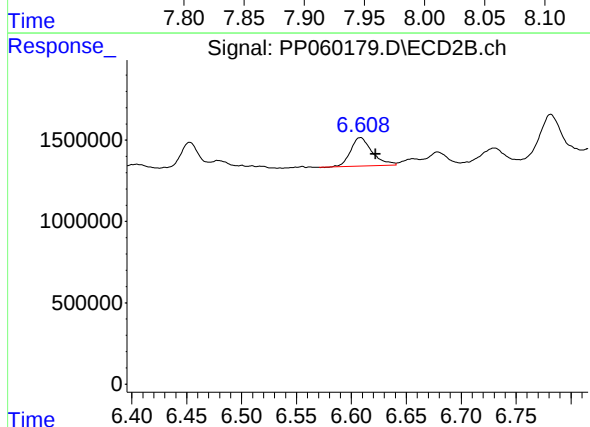
R.T.: 6.478 min
Delta R.T.: 0.012 min
Response: 425059
Conc: 3.88 ng/ml



#33 AR-1260-3

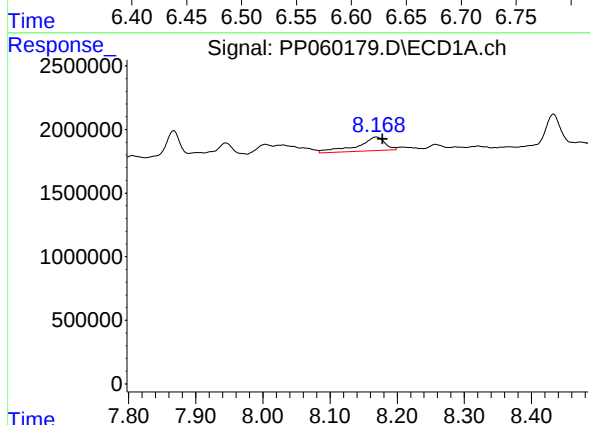
R.T.: 7.945 min
Delta R.T.: -0.003 min
Response: 2228846
Conc: 28.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



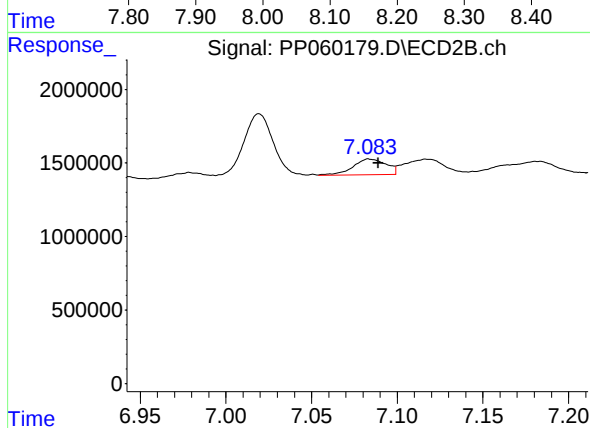
#33 AR-1260-3

R.T.: 6.608 min
Delta R.T.: -0.014 min
Response: 2404277
Conc: 23.38 ng/ml



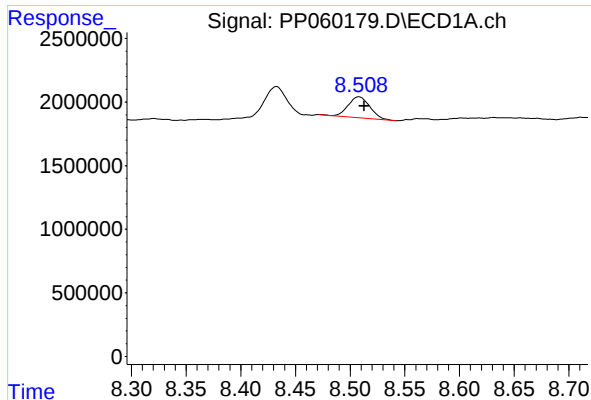
#34 AR-1260-4

R.T.: 8.169 min
Delta R.T.: -0.009 min
Response: 3098873
Conc: 34.58 ng/ml



#34 AR-1260-4

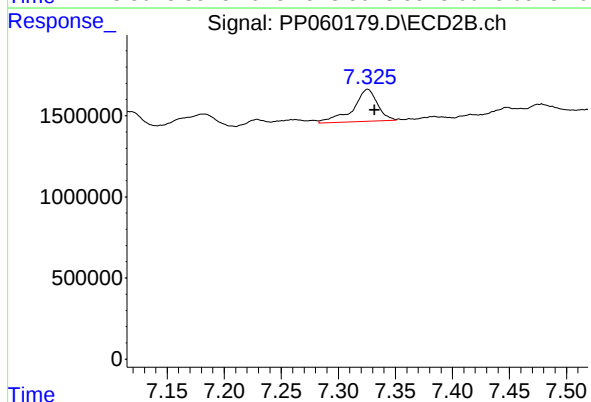
R.T.: 7.083 min
Delta R.T.: -0.006 min
Response: 1454652
Conc: 17.47 ng/ml



#35 AR-1260-5

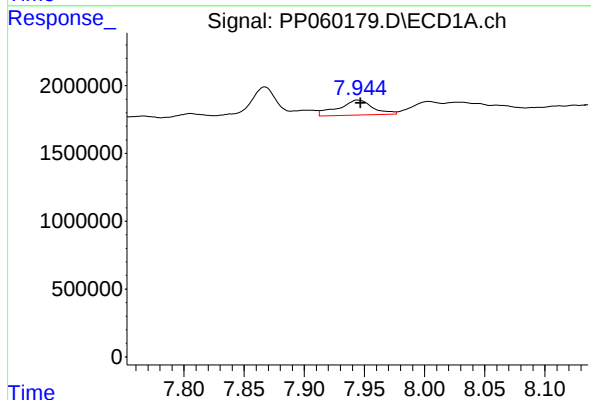
R.T.: 8.508 min
Delta R.T.: -0.005 min
Response: 2289396
Conc: 13.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



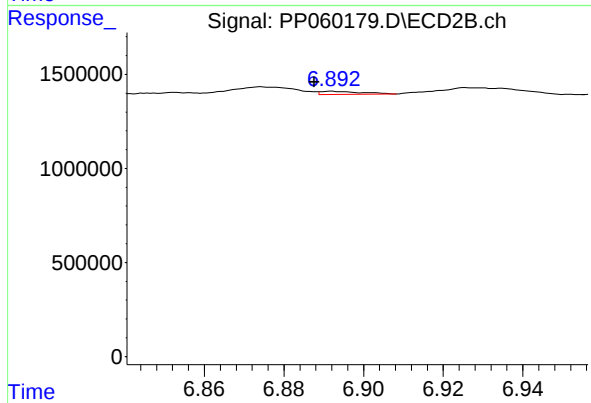
#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.006 min
Response: 2990971
Conc: 15.55 ng/ml



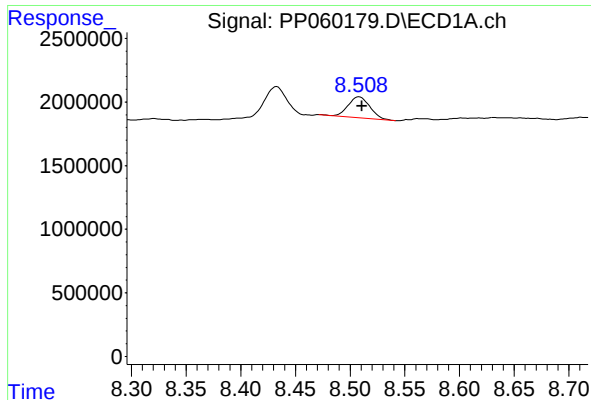
#36 AR-1262-1

R.T.: 7.945 min
Delta R.T.: -0.002 min
Response: 2228846
Conc: 19.26 ng/ml



#36 AR-1262-1

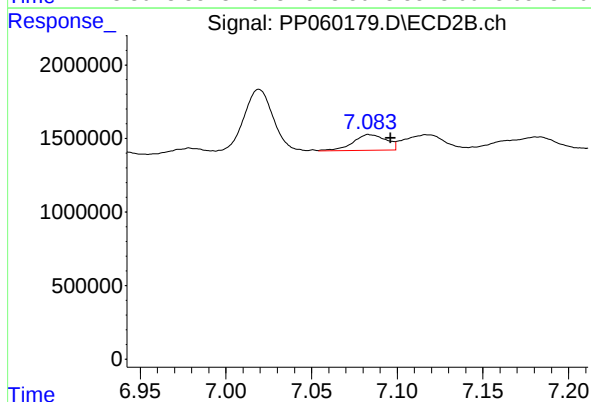
R.T.: 6.892 min
Delta R.T.: 0.004 min
Response: 119725
Conc: 2.37 ng/ml



#37 AR-1262-2

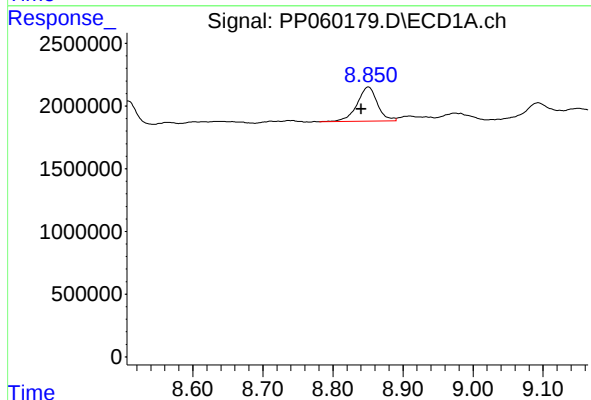
R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 2289396
Conc: 11.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



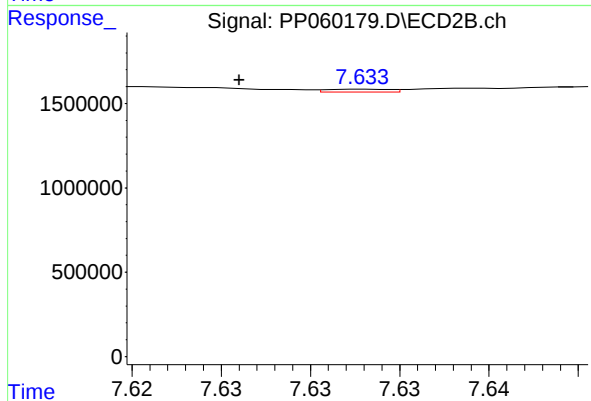
#37 AR-1262-2

R.T.: 7.083 min
Delta R.T.: -0.013 min
Response: 1454652
Conc: 12.88 ng/ml



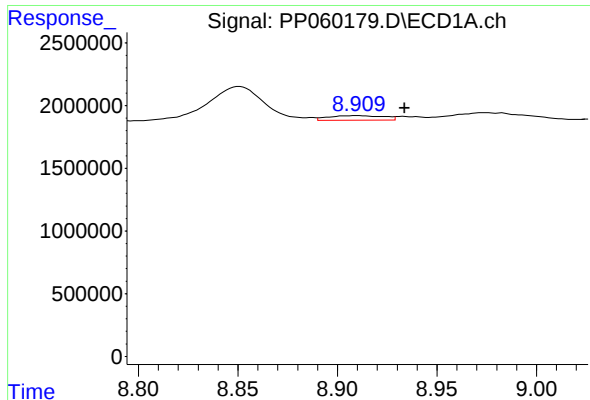
#38 AR-1262-3

R.T.: 8.851 min
Delta R.T.: 0.010 min
Response: 5546588
Conc: 38.52 ng/ml



#38 AR-1262-3

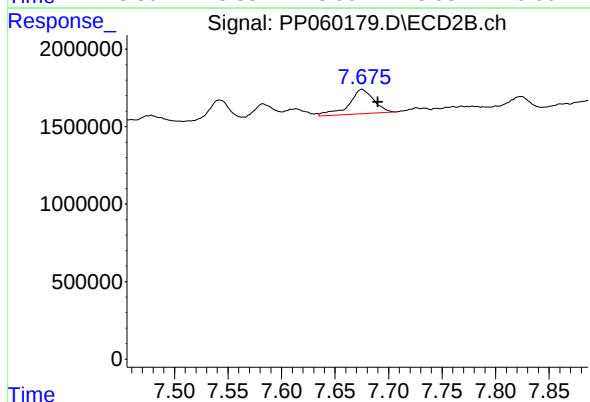
R.T.: 7.633 min
Delta R.T.: 0.007 min
Response: 41042
Conc: 0.47 ng/ml



#39 AR-1262-4

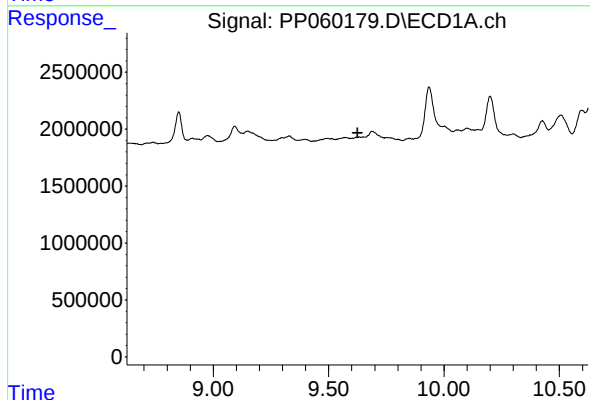
R.T.: 8.910 min
Delta R.T.: -0.024 min
Response: 728103
Conc: 6.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



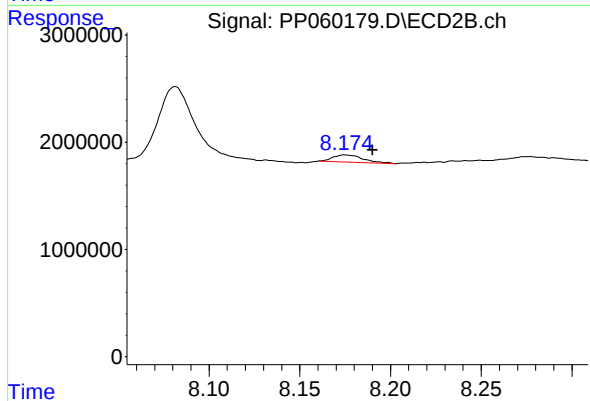
#39 AR-1262-4

R.T.: 7.675 min
Delta R.T.: -0.015 min
Response: 2551329
Conc: 15.62 ng/ml



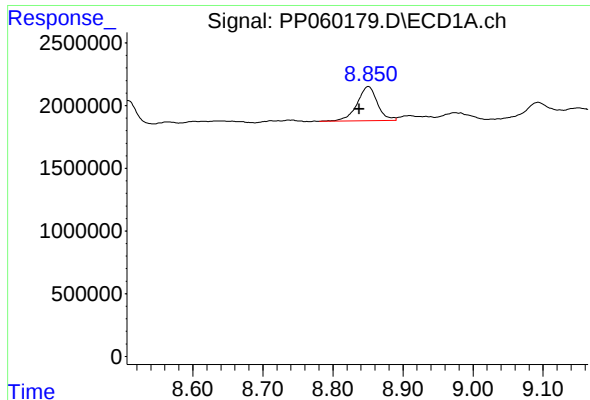
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.626 min
Response: 0
Conc: N.D.



#40 AR-1262-5

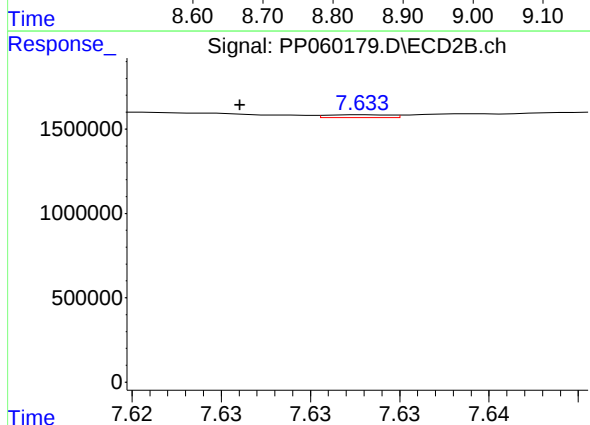
R.T.: 8.175 min
Delta R.T.: -0.015 min
Response: 762871
Conc: 10.22 ng/ml



#41 AR-1268-1

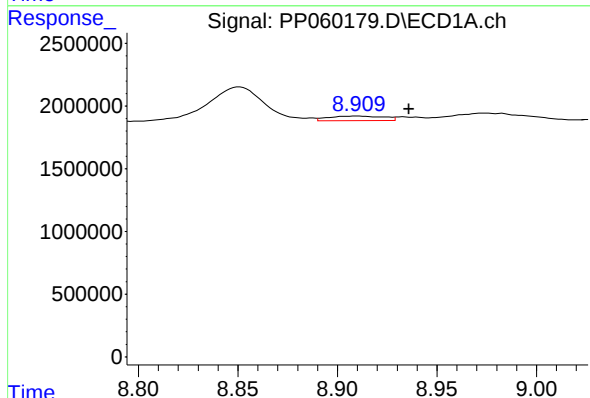
R.T.: 8.851 min
Delta R.T.: 0.013 min
Response: 5546588
Conc: 22.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



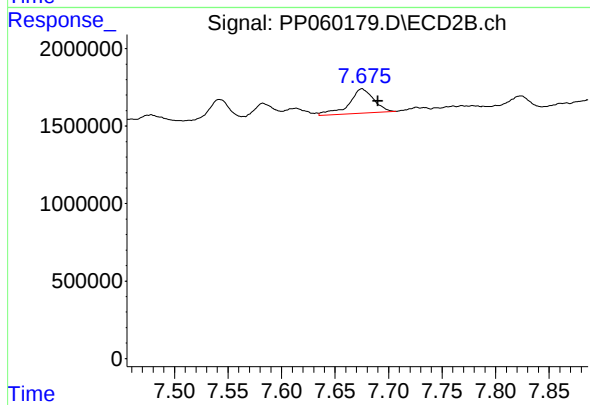
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.007 min
Response: 41042
Conc: 0.16 ng/ml



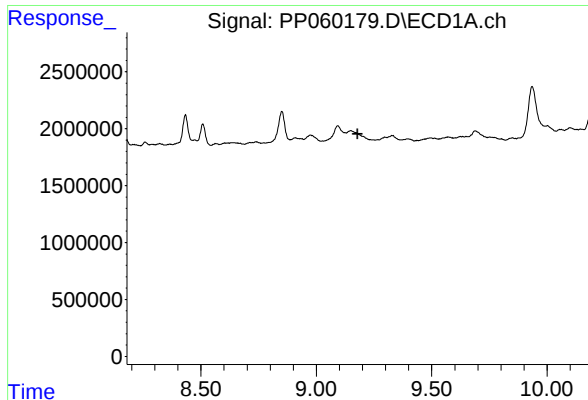
#42 AR-1268-2

R.T.: 8.910 min
Delta R.T.: -0.026 min
Response: 728103
Conc: 3.17 ng/ml



#42 AR-1268-2

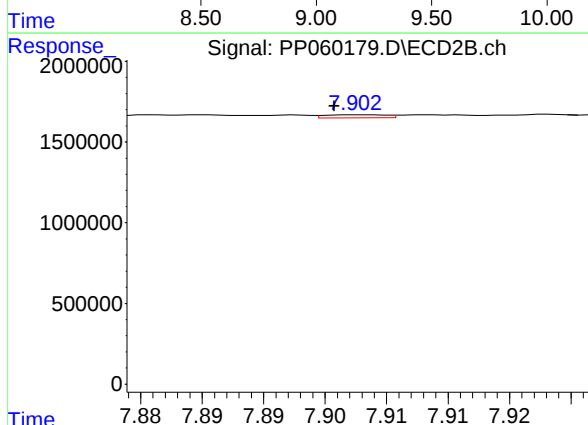
R.T.: 7.675 min
Delta R.T.: -0.015 min
Response: 2551329
Conc: 11.04 ng/ml



#43 AR-1268-3

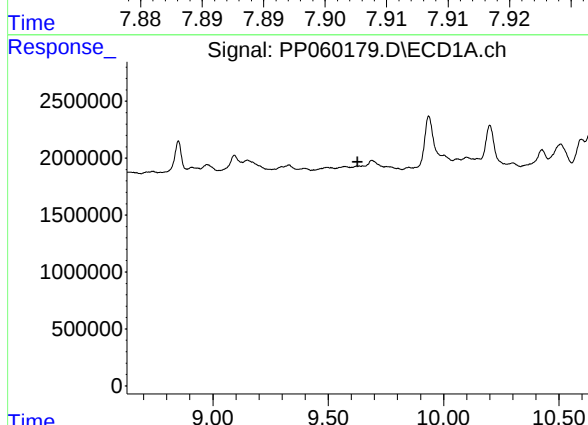
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



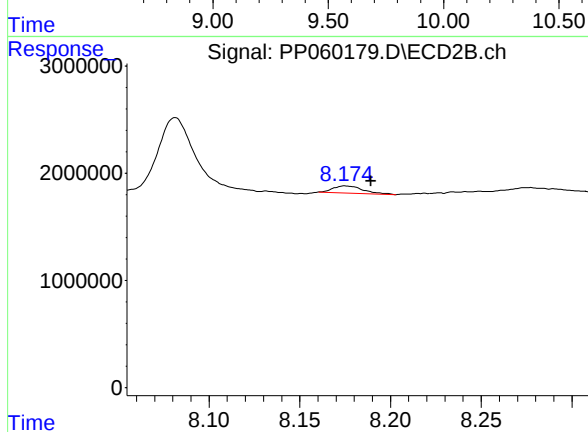
#43 AR-1268-3

R.T.: 7.903 min
Delta R.T.: 0.002 min
Response: 67855
Conc: 0.33 ng/ml



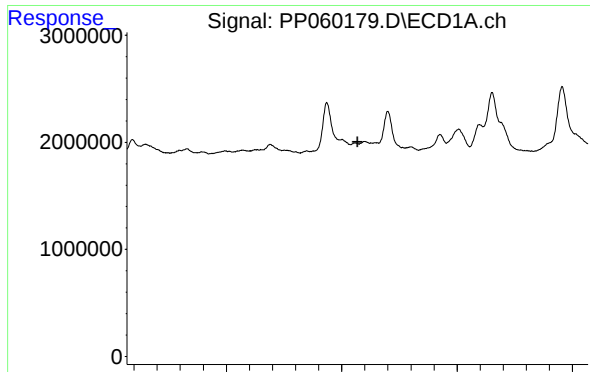
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.627 min
Response: 0
Conc: N.D.



#44 AR-1268-4

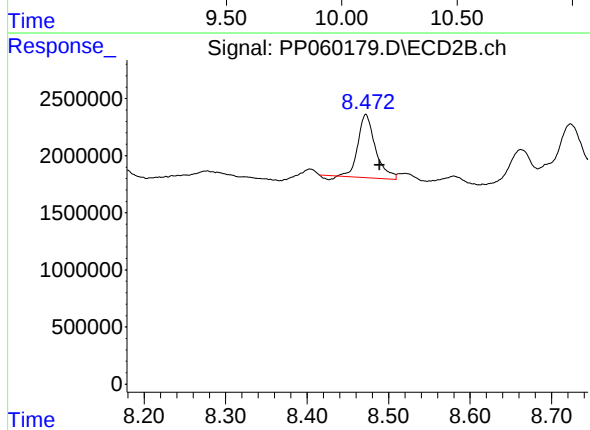
R.T.: 8.175 min
Delta R.T.: -0.014 min
Response: 762871
Conc: 9.45 ng/ml



#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.: 8.472 min
Delta R.T.: -0.017 min
Response: 8033893
Conc: 12.72 ng/ml