

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092723\
 Data File : PP060326.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 22:10
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 01:25:01 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...	4.532	3.685	45817889	31970251	20.459	21.478
2) SA Decachlor...	10.455	8.749	39816198	35104298	22.552	21.521
Target Compounds						
3) L1 AR-1016-1	5.709	4.781	127191	29428	1.728	0.506 #
4) L1 AR-1016-2	0.000	4.800	0	19130	N.D.	0.238 #
5) L1 AR-1016-3	5.792	4.982	210499	173230	3.221	3.876
6) L1 AR-1016-4	5.897	5.050f	79144	890715	1.455	24.753 #
7) L1 AR-1016-5	0.000	5.240	0	1604174	N.D.	33.015 #
8) L2 AR-1221-1	0.000	3.904	0	31406	N.D.	1.503 #
9) L2 AR-1221-2	4.844	3.989	1011490	570430	47.343	38.256
10) L2 AR-1221-3	0.000	4.065	0	11834	N.D.	0.269 #
11) L3 AR-1232-1	0.000	4.065	0	11834	N.D.	0.325 #
12) L3 AR-1232-2	5.478	4.800	237718	19130	8.681	0.525 #
13) L3 AR-1232-3	0.000	4.982	0	173230	N.D.	8.655 #
14) L3 AR-1232-4	5.925	5.065	92929	633494	3.781	33.942 #
15) L3 AR-1232-5	6.004	5.240	70062	1604174	3.381	77.126 #
16) L4 AR-1242-1	5.709	4.781	127191	29428	1.990	0.581 #
17) L4 AR-1242-2	0.000	4.800	0	19130	N.D.	0.275 #
18) L4 AR-1242-3	5.792	4.982	210499	173230	3.739	4.498
19) L4 AR-1242-4	5.897	5.065	79144	633494	1.695	16.085 #
20) L4 AR-1242-5	6.637	5.572f	2388240	1074904	47.484	21.974 #
21) L5 AR-1248-1	5.709	4.781	127191	29428	2.734	0.806 #
22) L5 AR-1248-2	6.004	5.050f	70062	890715	1.010	17.040 #
23) L5 AR-1248-3	0.000	5.065	0	633494	N.D.	11.409 #
24) L5 AR-1248-4	6.615	5.240	1908763	1604174	23.079	24.369
25) L5 AR-1248-5	6.637	5.650f	2388240	545306	29.674	8.478 #
26) L6 AR-1254-1	6.587	5.572f	11808400	1074904	138.368	10.867 #
27) L6 AR-1254-2	0.000	5.747	0	780352	N.D.	9.080 #
28) L6 AR-1254-3	7.179	6.157	8896181	914567	66.931	6.381 #
29) L6 AR-1254-4	7.445f	6.381	826080	147645	8.400	1.694 #
30) L6 AR-1254-5	7.904f	6.801	1518454	22571	14.015	0.178 #
31) L7 AR-1260-1	7.355	6.279	2436231	496242	23.241	4.944 #
32) L7 AR-1260-2	7.613	6.481	2451744	35938	20.278	0.301 #
33) L7 AR-1260-3	0.000	6.626	0	48285	N.D.	0.422 #
34) L7 AR-1260-4	8.214f	7.099	1261854	9780	11.899	0.103 #
35) L7 AR-1260-5	0.000	7.347	0	42403	N.D.	0.196 #
36) L8 AR-1262-1	0.000	6.897	0	24600	N.D.	0.459 #
37) L8 AR-1262-2	0.000	7.099	0	9780	N.D.	0.083 #
38) L8 AR-1262-3	0.000	7.629	0	2867942	N.D.	31.103 #
39) L8 AR-1262-4	0.000	7.691	0	21515	N.D.	0.128 #
40) L8 AR-1262-5	0.000	8.185	0	22270	N.D.	0.287 #
41) L9 AR-1268-1	0.000	7.629	0	2867942	N.D.	10.551 #

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 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

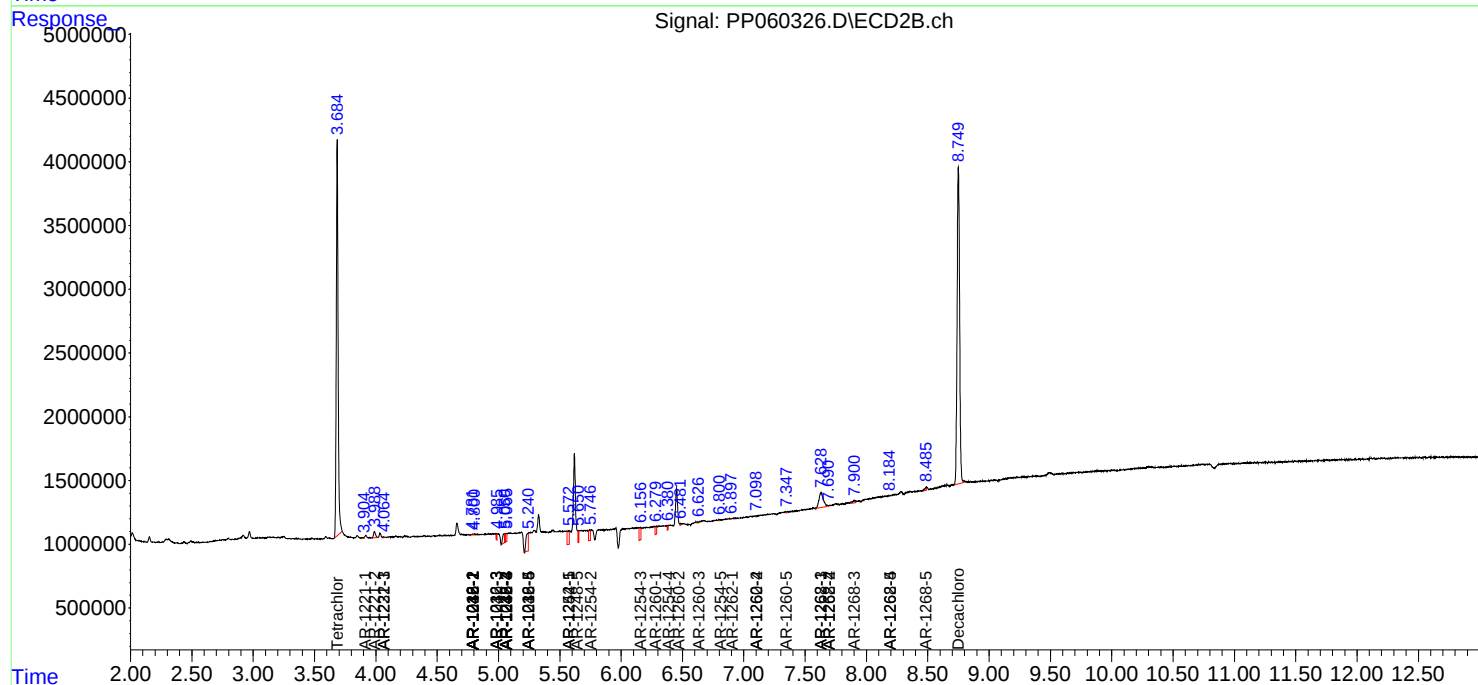
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

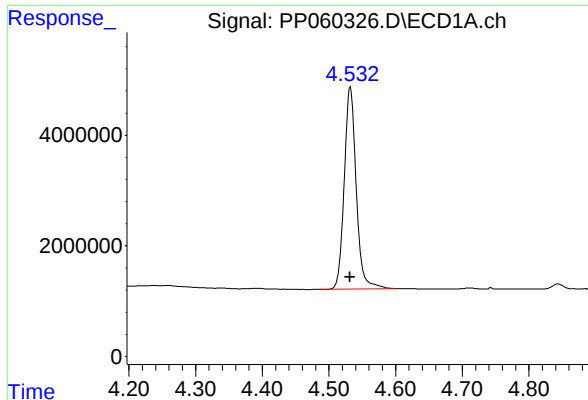
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.691	0	21515	N.D.	0.088 #
43) L9	AR-1268-3	0.000	7.900	0	228632	N.D.	1.069 #
44) L9	AR-1268-4	0.000	8.185	0	22270	N.D.	0.254 #
45) L9	AR-1268-5	0.000	8.485	0	162268	N.D.	0.260 #

(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

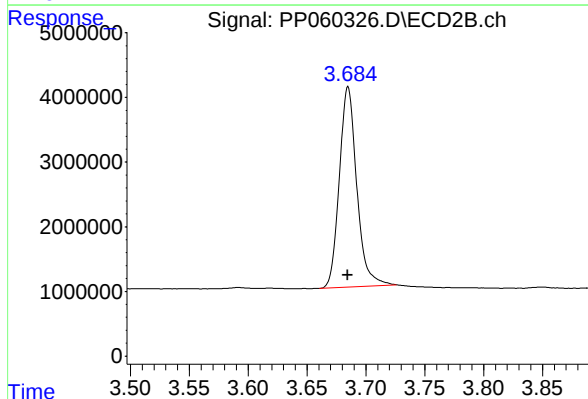




#1 Tetrachloro-m-xylene

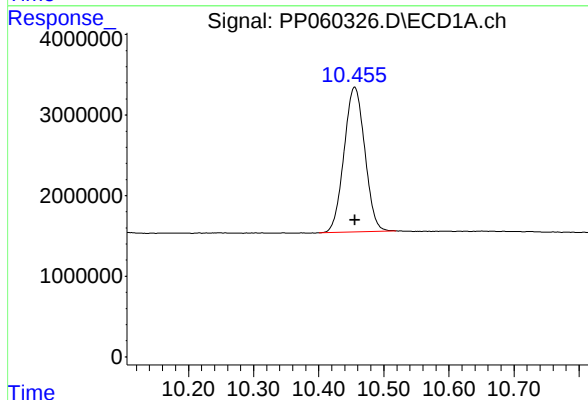
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 45817889
Conc: 20.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



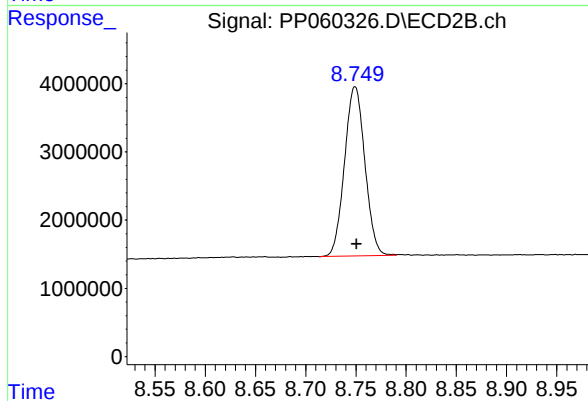
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 31970251
Conc: 21.48 ng/ml



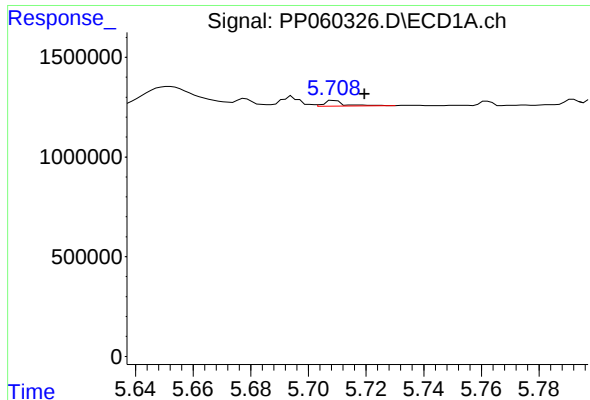
#2 Decachlorobiphenyl

R.T.: 10.455 min
Delta R.T.: 0.000 min
Response: 39816198
Conc: 22.55 ng/ml



#2 Decachlorobiphenyl

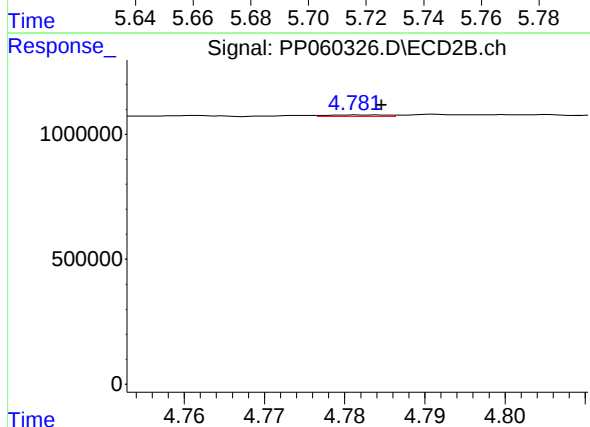
R.T.: 8.749 min
Delta R.T.: -0.002 min
Response: 35104298
Conc: 21.52 ng/ml



#3 AR-1016-1

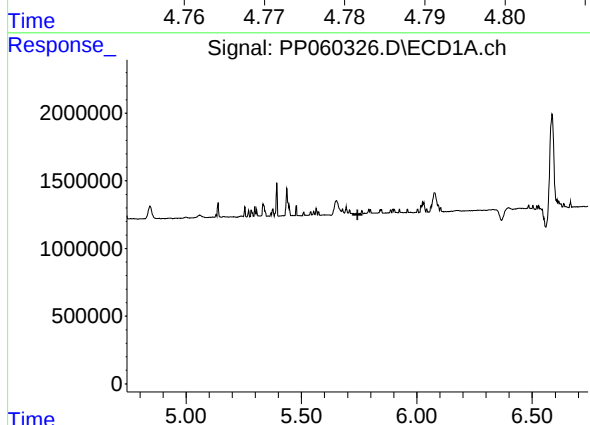
R.T.: 5.709 min
Delta R.T.: -0.010 min
Response: 127191
Conc: 1.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



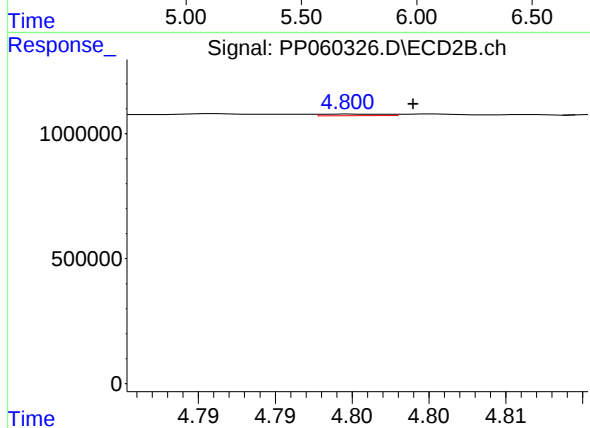
#3 AR-1016-1

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 29428
Conc: 0.51 ng/ml



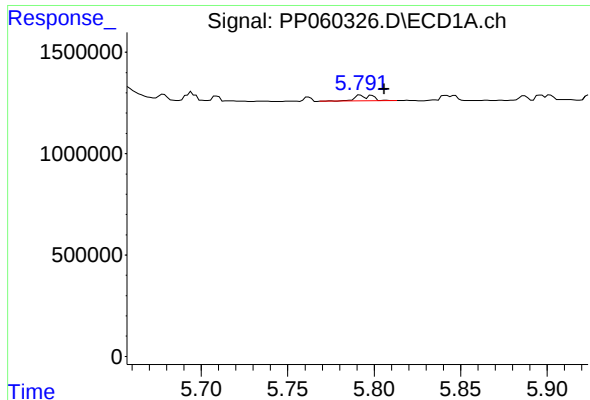
#4 AR-1016-2

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



#4 AR-1016-2

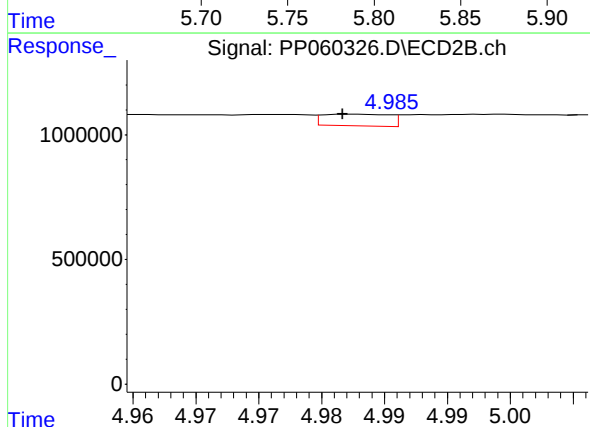
R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 19130
Conc: 0.24 ng/ml



#5 AR-1016-3

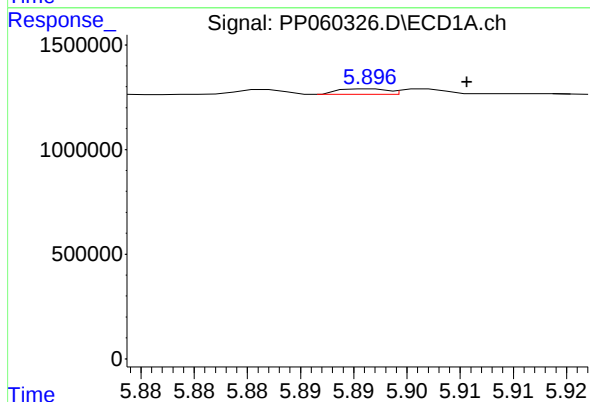
R.T.: 5.792 min
Delta R.T.: -0.014 min
Response: 210499
Conc: 3.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



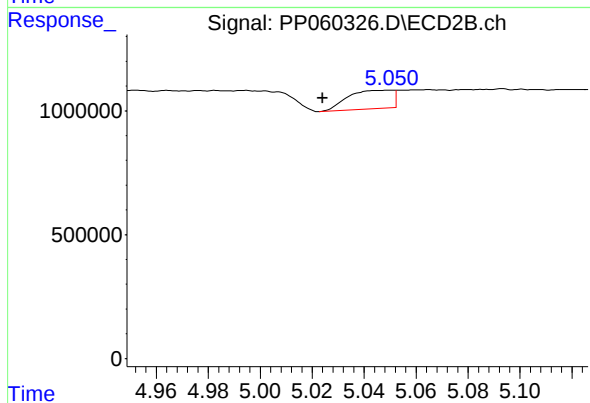
#5 AR-1016-3

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 173230
Conc: 3.88 ng/ml



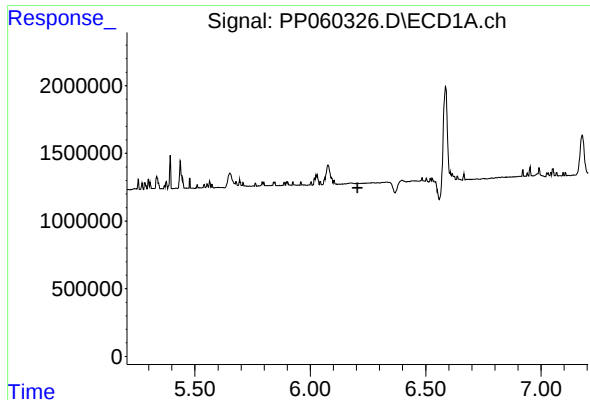
#6 AR-1016-4

R.T.: 5.897 min
Delta R.T.: -0.009 min
Response: 79144
Conc: 1.46 ng/ml



#6 AR-1016-4

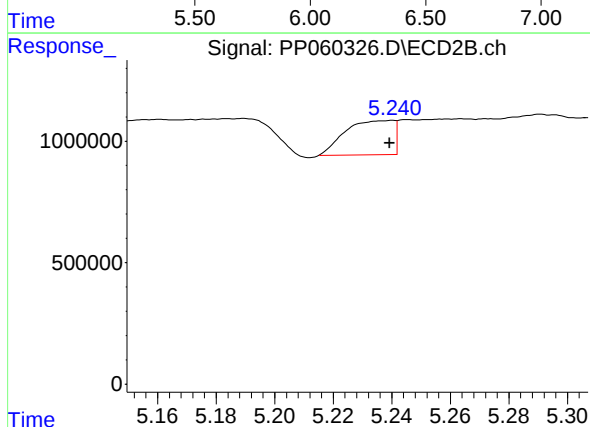
R.T.: 5.050 min
Delta R.T.: 0.026 min
Response: 890715
Conc: 24.75 ng/ml



#7 AR-1016-5

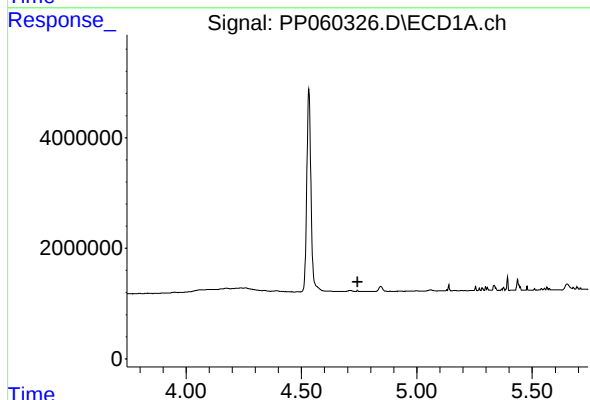
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



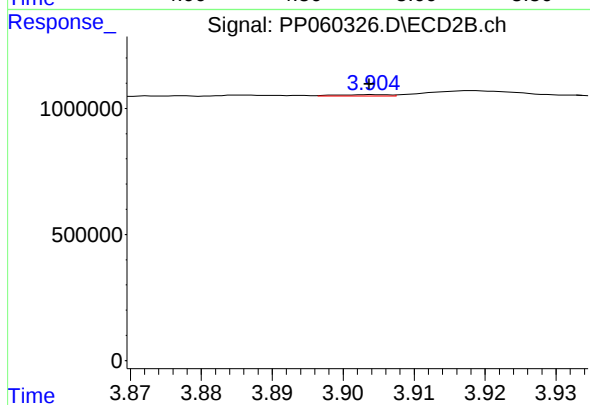
#7 AR-1016-5

R.T.: 5.240 min
Delta R.T.: 0.001 min
Response: 1604174
Conc: 33.01 ng/ml



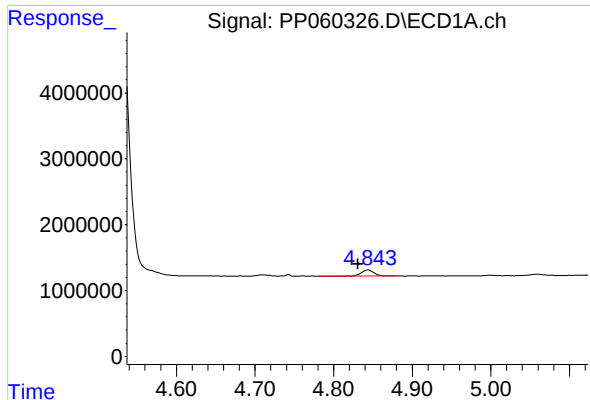
#8 AR-1221-1

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



#8 AR-1221-1

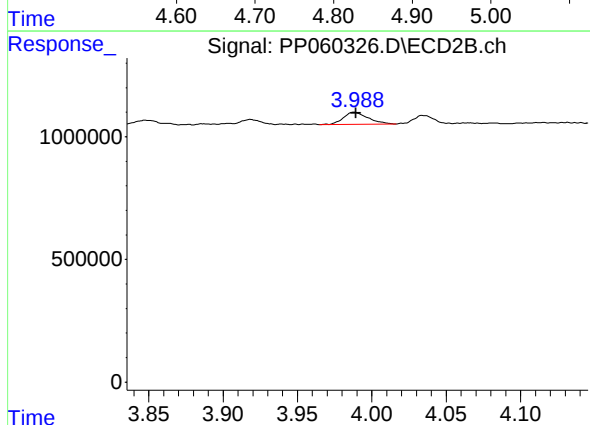
R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 31406
Conc: 1.50 ng/ml



#9 AR-1221-2

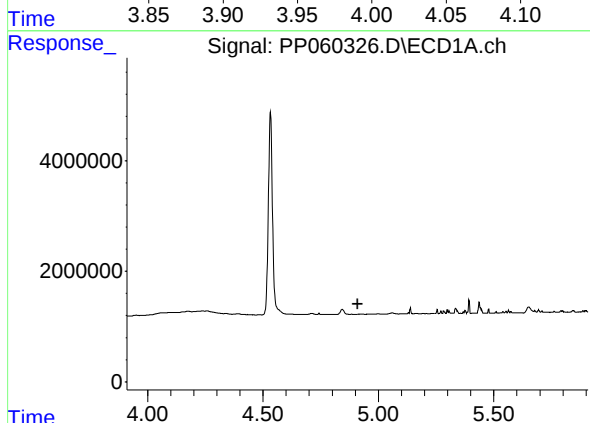
R.T.: 4.844 min
Delta R.T.: 0.013 min
Response: 1011490
Conc: 47.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



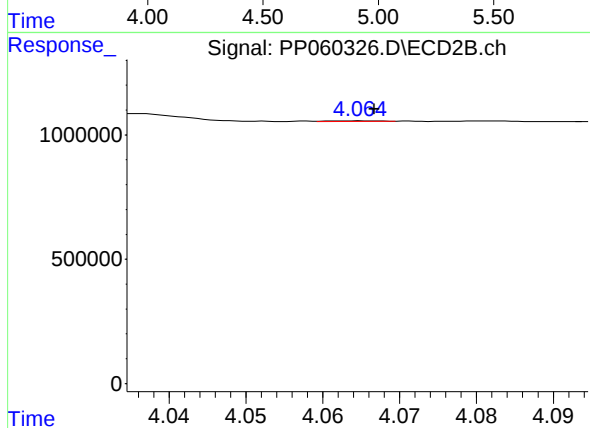
#9 AR-1221-2

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 570430
Conc: 38.26 ng/ml



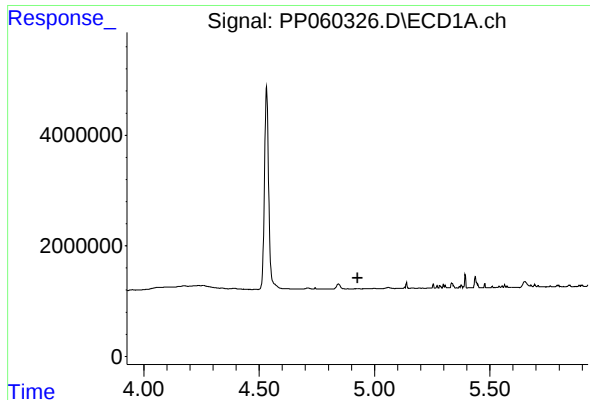
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.909 min
Response: 0
Conc: N.D.



#10 AR-1221-3

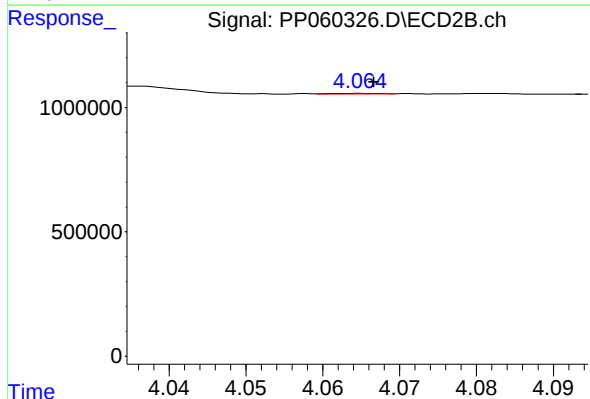
R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 11834
Conc: 0.27 ng/ml



#11 AR-1232-1

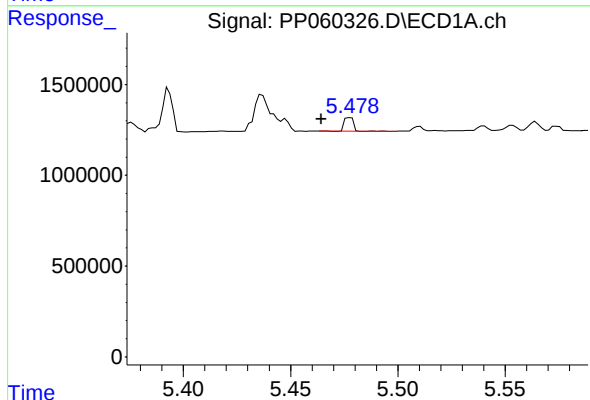
R.T.: 0.000 min
Exp R.T.: 4.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



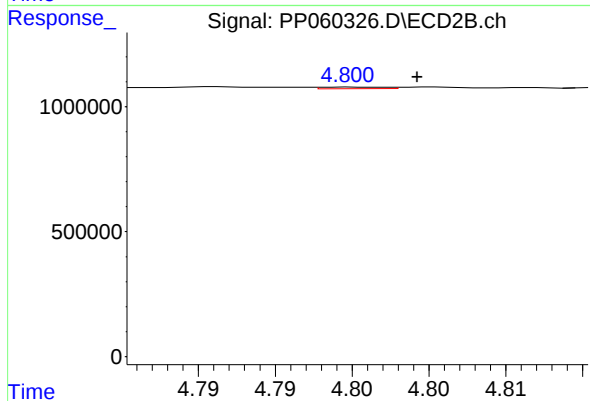
#11 AR-1232-1

R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 11834
Conc: 0.33 ng/ml



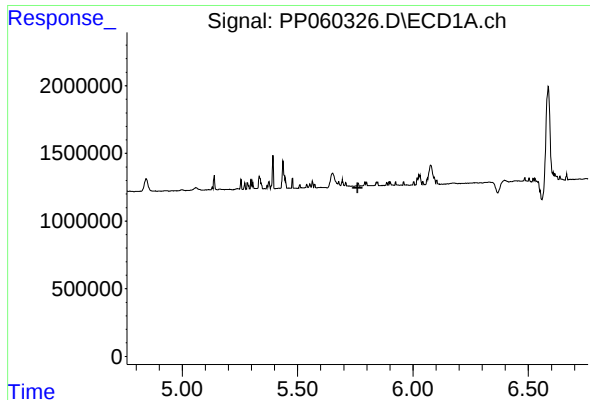
#12 AR-1232-2

R.T.: 5.478 min
Delta R.T.: 0.013 min
Response: 237718
Conc: 8.68 ng/ml



#12 AR-1232-2

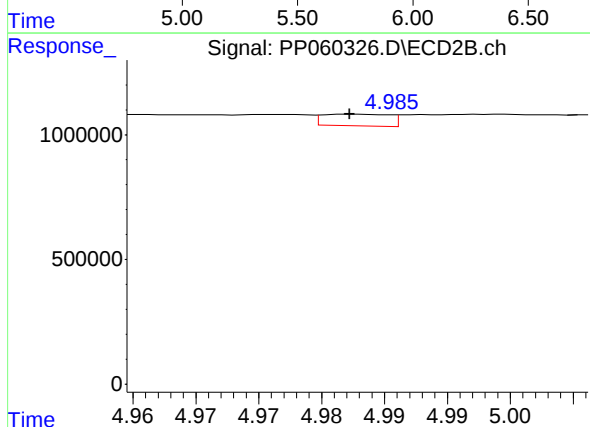
R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 19130
Conc: 0.52 ng/ml



#13 AR-1232-3

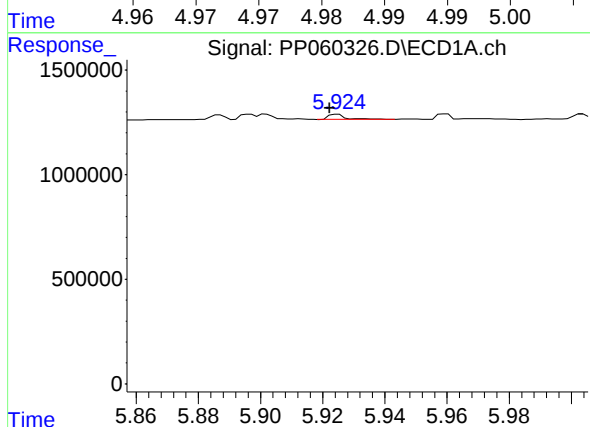
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



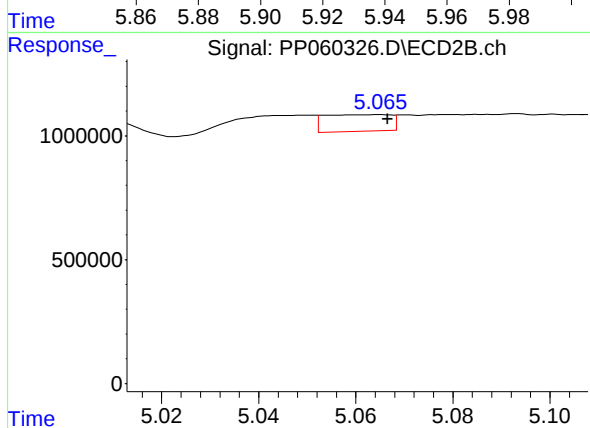
#13 AR-1232-3

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 173230
Conc: 8.65 ng/ml



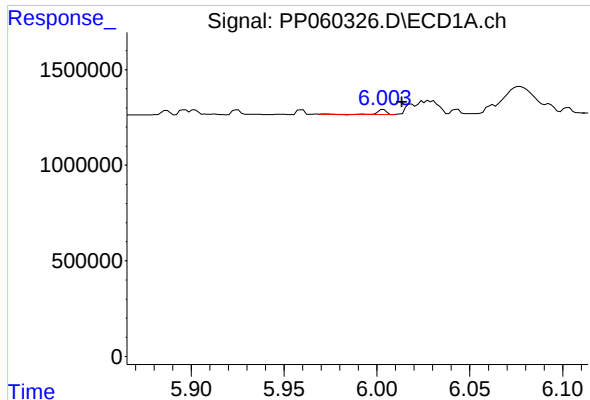
#14 AR-1232-4

R.T.: 5.925 min
Delta R.T.: 0.003 min
Response: 92929
Conc: 3.78 ng/ml



#14 AR-1232-4

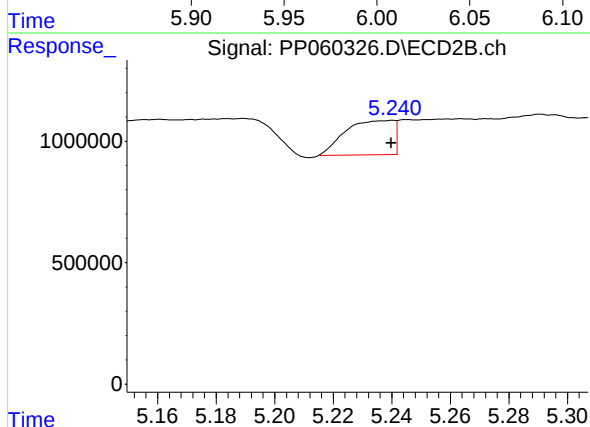
R.T.: 5.065 min
Delta R.T.: -0.001 min
Response: 633494
Conc: 33.94 ng/ml



#15 AR-1232-5

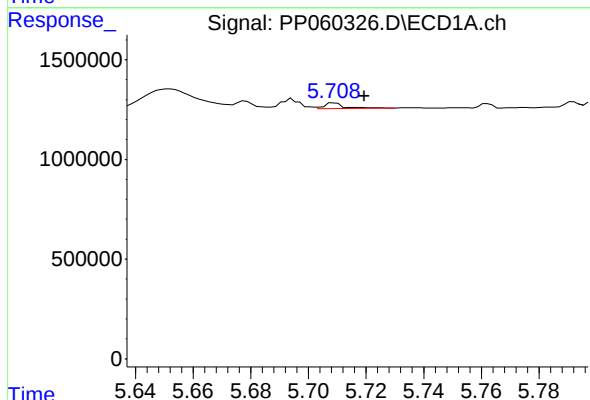
R.T.: 6.004 min
Delta R.T.: -0.010 min
Response: 70062
Conc: 3.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



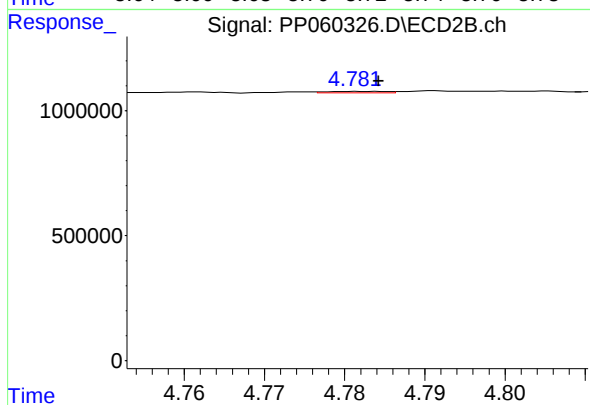
#15 AR-1232-5

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 1604174
Conc: 77.13 ng/ml



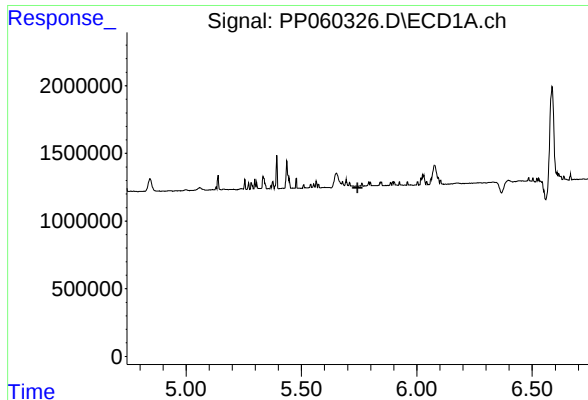
#16 AR-1242-1

R.T.: 5.709 min
Delta R.T.: -0.010 min
Response: 127191
Conc: 1.99 ng/ml



#16 AR-1242-1

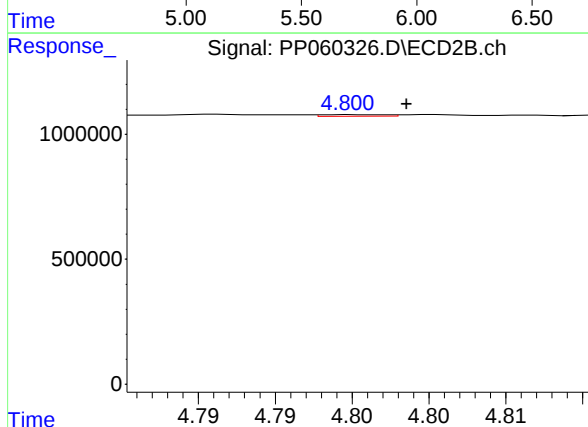
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 29428
Conc: 0.58 ng/ml



#17 AR-1242-2

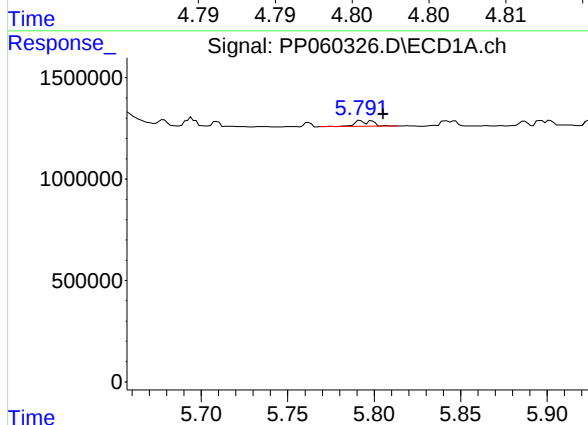
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



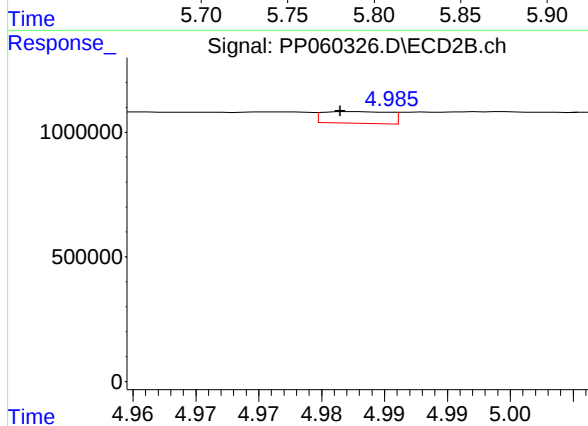
#17 AR-1242-2

R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 19130
Conc: 0.28 ng/ml



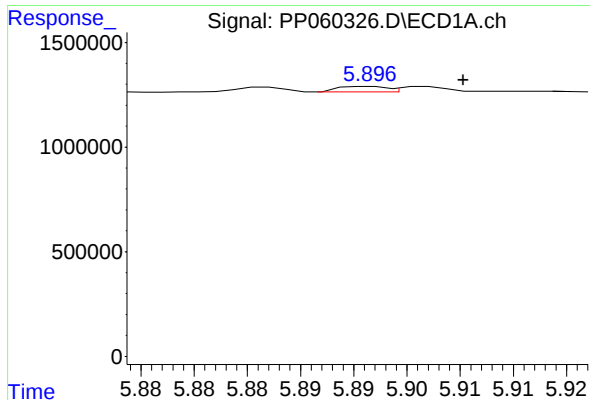
#18 AR-1242-3

R.T.: 5.792 min
Delta R.T.: -0.013 min
Response: 210499
Conc: 3.74 ng/ml



#18 AR-1242-3

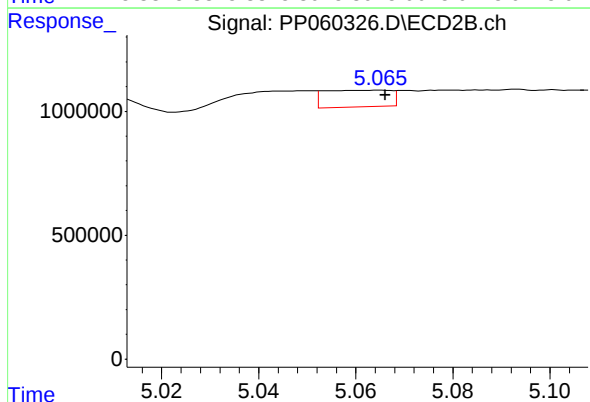
R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 173230
Conc: 4.50 ng/ml



#19 AR-1242-4

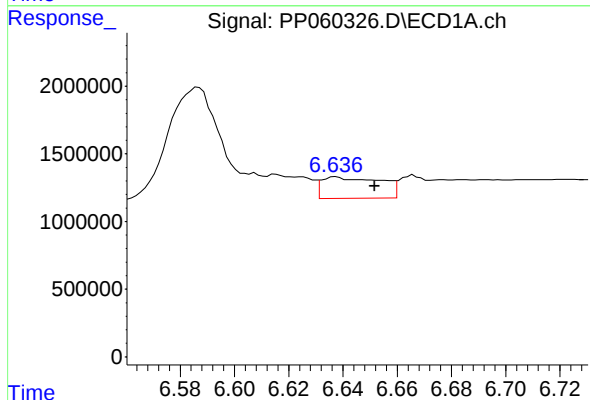
R.T.: 5.897 min
Delta R.T.: -0.009 min
Response: 79144
Conc: 1.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



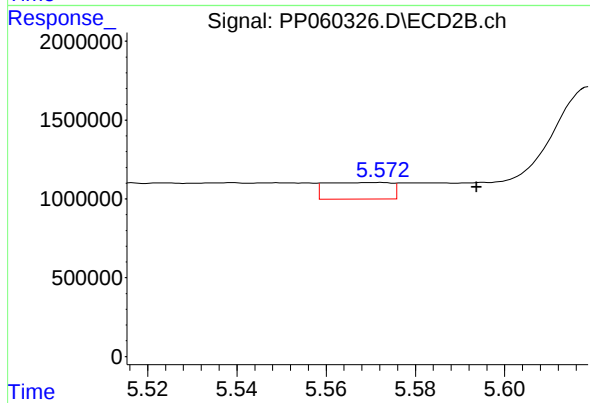
#19 AR-1242-4

R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 633494
Conc: 16.09 ng/ml



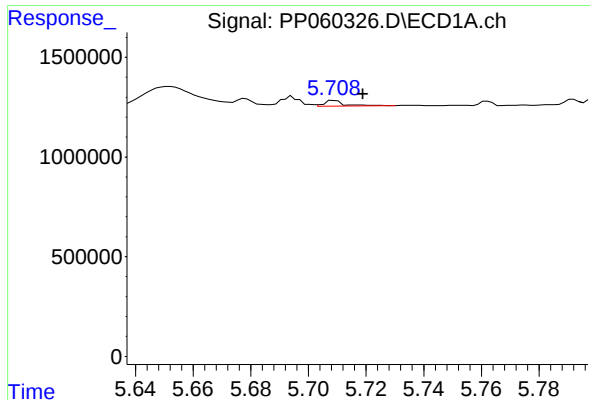
#20 AR-1242-5

R.T.: 6.637 min
Delta R.T.: -0.014 min
Response: 2388240
Conc: 47.48 ng/ml



#20 AR-1242-5

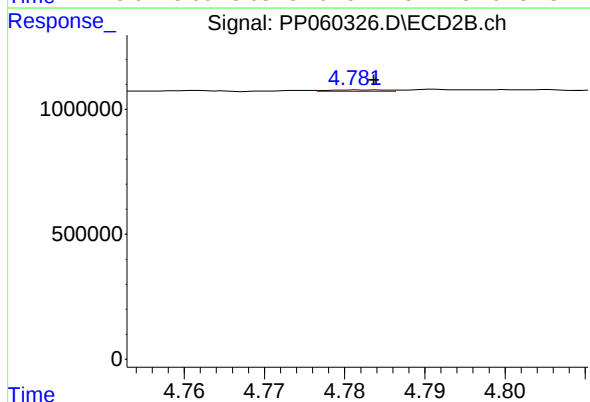
R.T.: 5.572 min
Delta R.T.: -0.022 min
Response: 1074904
Conc: 21.97 ng/ml



#21 AR-1248-1

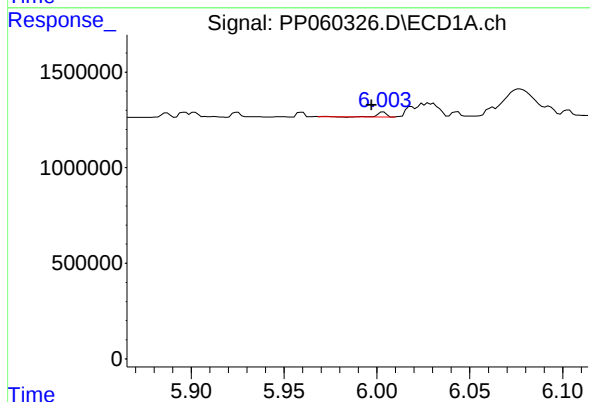
R.T.: 5.709 min
Delta R.T.: -0.010 min
Response: 127191
Conc: 2.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



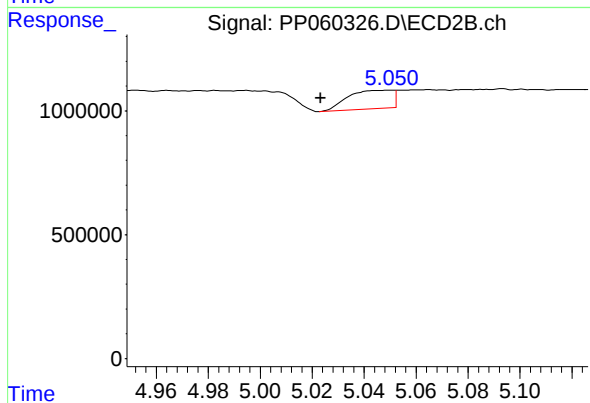
#21 AR-1248-1

R.T.: 4.781 min
Delta R.T.: -0.002 min
Response: 29428
Conc: 0.81 ng/ml



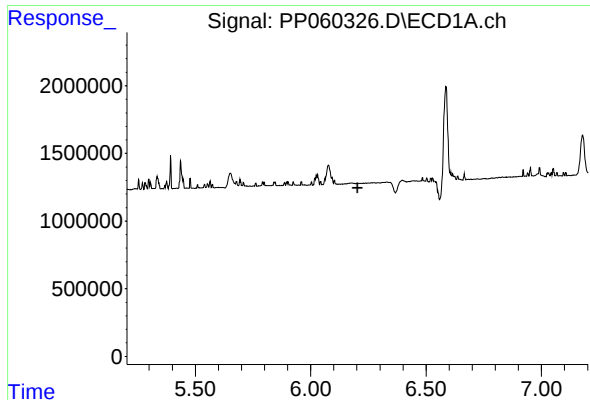
#22 AR-1248-2

R.T.: 6.004 min
Delta R.T.: 0.006 min
Response: 70062
Conc: 1.01 ng/ml



#22 AR-1248-2

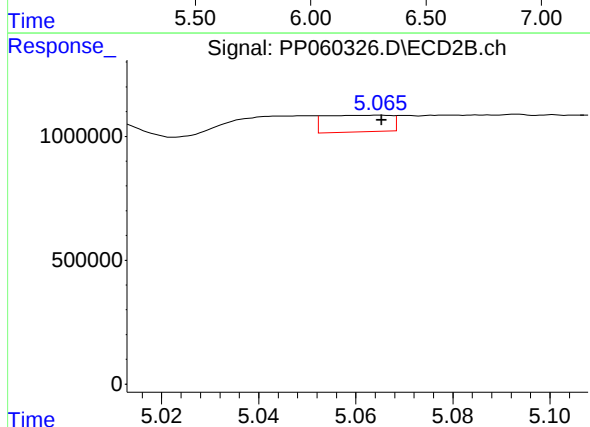
R.T.: 5.050 min
Delta R.T.: 0.027 min
Response: 890715
Conc: 17.04 ng/ml



#23 AR-1248-3

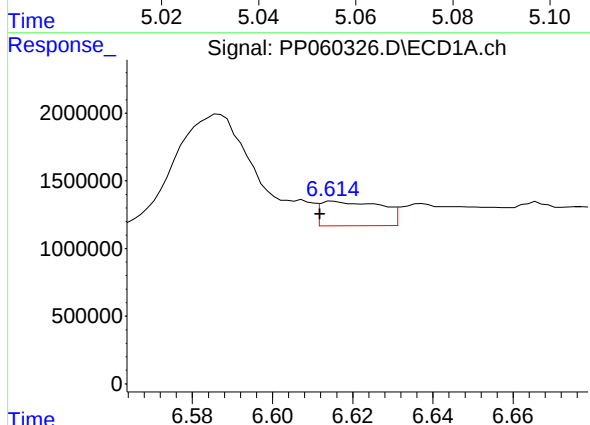
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



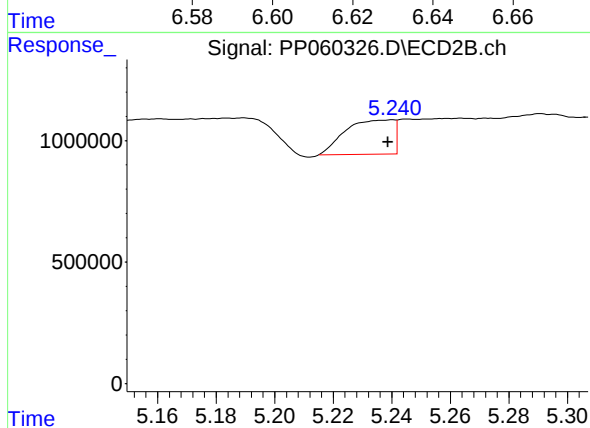
#23 AR-1248-3

R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 633494
Conc: 11.41 ng/ml



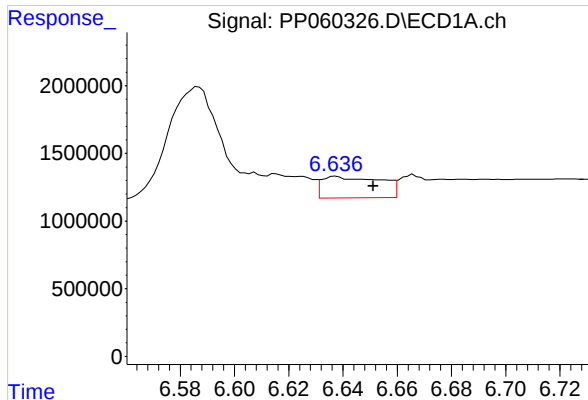
#24 AR-1248-4

R.T.: 6.615 min
Delta R.T.: 0.004 min
Response: 1908763
Conc: 23.08 ng/ml



#24 AR-1248-4

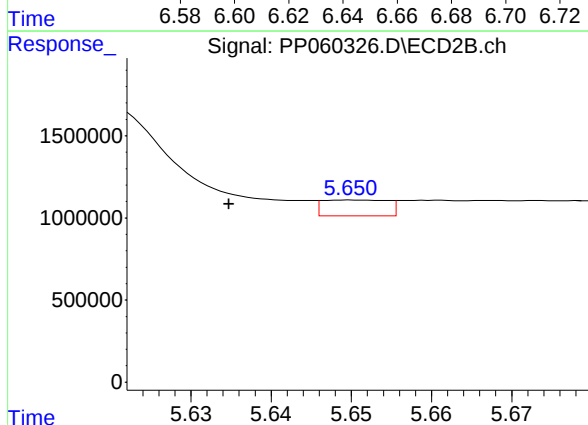
R.T.: 5.240 min
Delta R.T.: 0.002 min
Response: 1604174
Conc: 24.37 ng/ml



#25 AR-1248-5

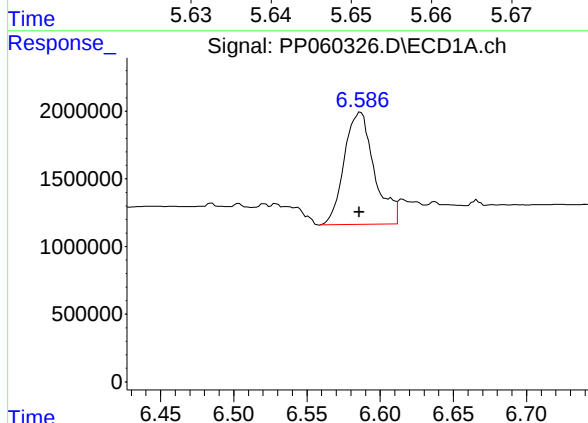
R.T.: 6.637 min
Delta R.T.: -0.014 min
Response: 2388240
Conc: 29.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



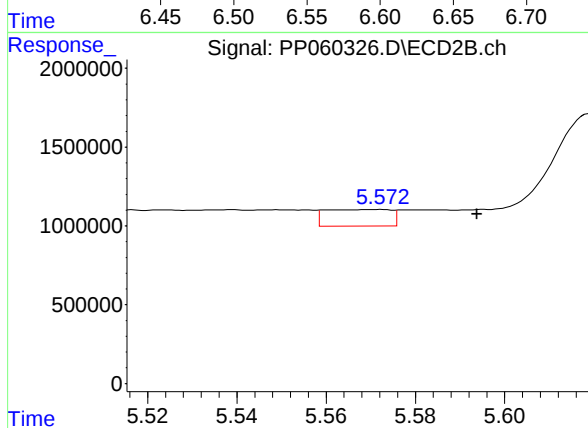
#25 AR-1248-5

R.T.: 5.650 min
Delta R.T.: 0.015 min
Response: 545306
Conc: 8.48 ng/ml



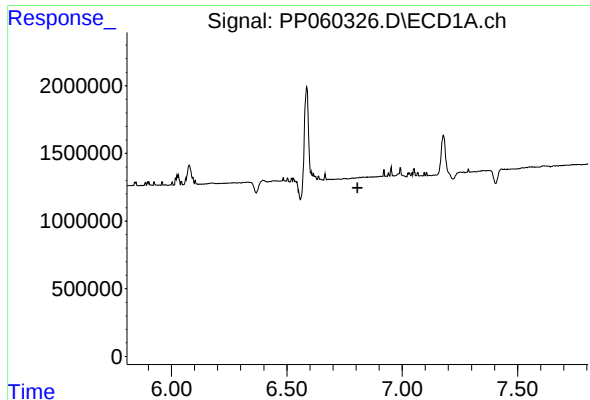
#26 AR-1254-1

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 11808400
Conc: 138.37 ng/ml



#26 AR-1254-1

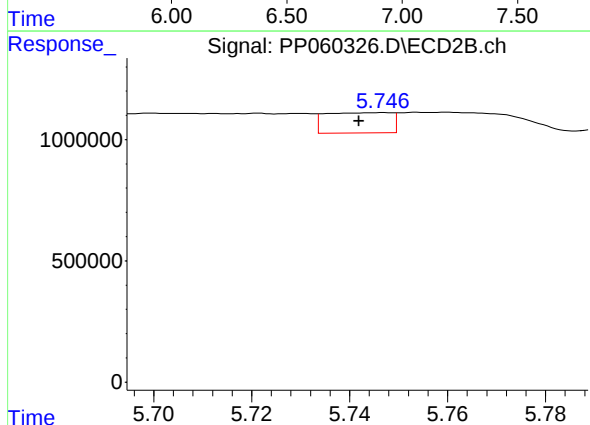
R.T.: 5.572 min
Delta R.T.: -0.022 min
Response: 1074904
Conc: 10.87 ng/ml



#27 AR-1254-2

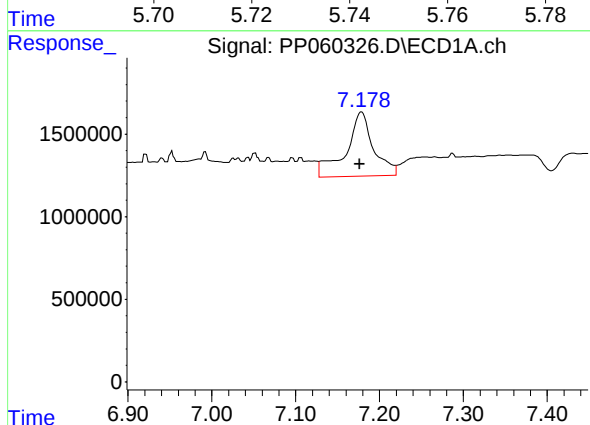
R.T.: 0.000 min
Exp R.T.: 6.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



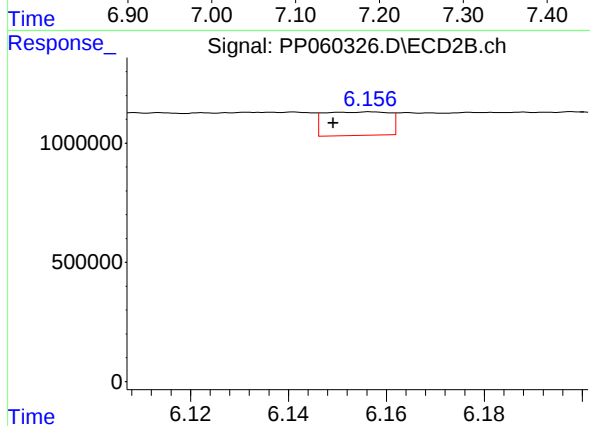
#27 AR-1254-2

R.T.: 5.747 min
Delta R.T.: 0.005 min
Response: 780352
Conc: 9.08 ng/ml



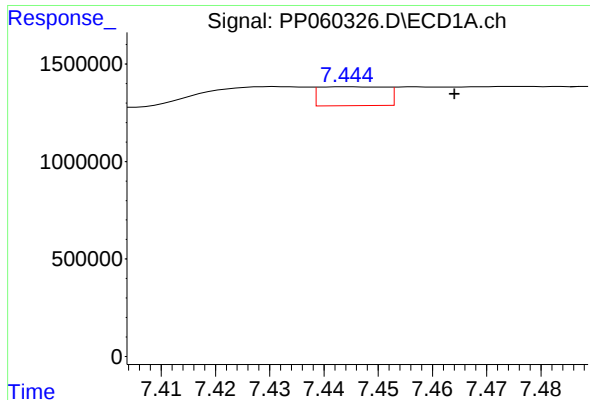
#28 AR-1254-3

R.T.: 7.179 min
Delta R.T.: 0.002 min
Response: 8896181
Conc: 66.93 ng/ml



#28 AR-1254-3

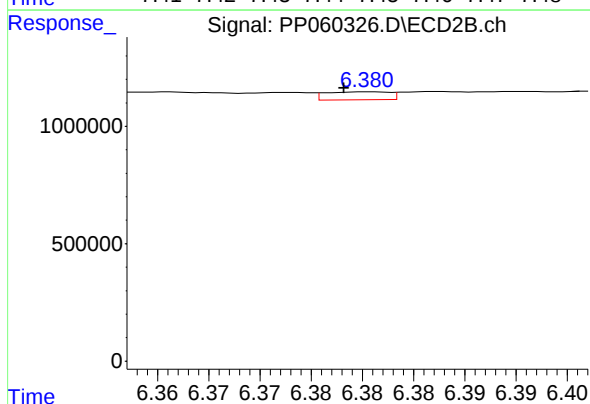
R.T.: 6.157 min
Delta R.T.: 0.008 min
Response: 914567
Conc: 6.38 ng/ml



#29 AR-1254-4

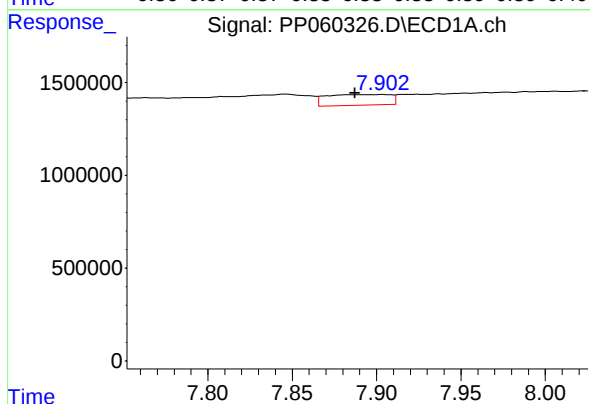
R.T.: 7.445 min
Delta R.T.: -0.019 min
Response: 826080
Conc: 8.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



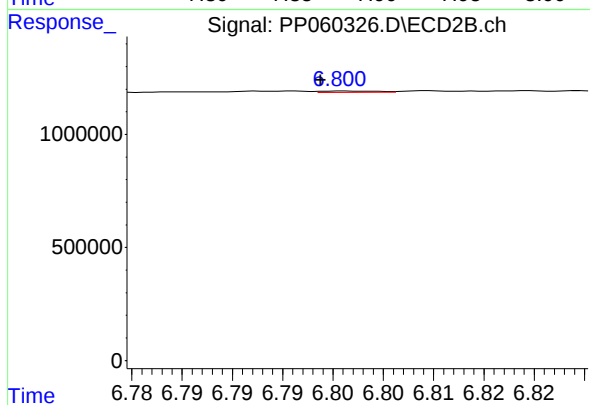
#29 AR-1254-4

R.T.: 6.381 min
Delta R.T.: 0.002 min
Response: 147645
Conc: 1.69 ng/ml



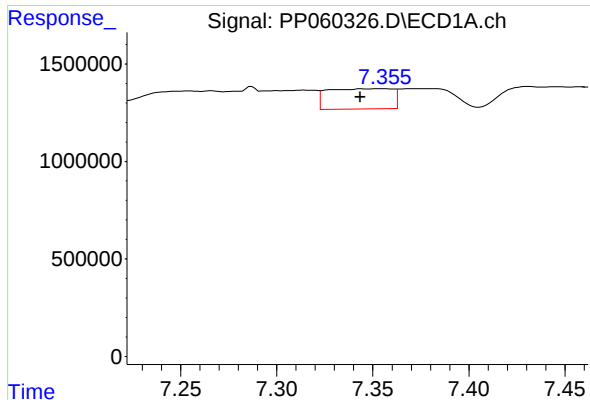
#30 AR-1254-5

R.T.: 7.904 min
Delta R.T.: 0.016 min
Response: 1518454
Conc: 14.02 ng/ml



#30 AR-1254-5

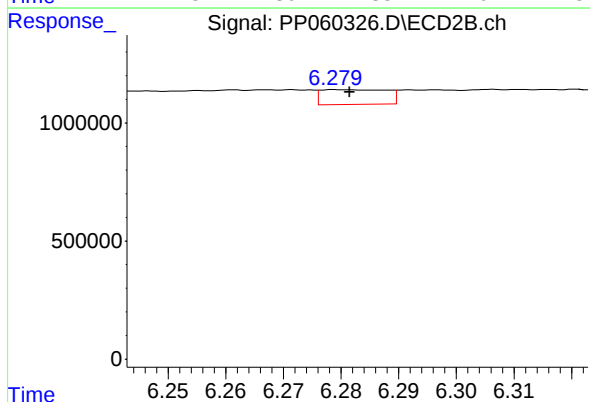
R.T.: 6.801 min
Delta R.T.: 0.002 min
Response: 22571
Conc: 0.18 ng/ml



#31 AR-1260-1

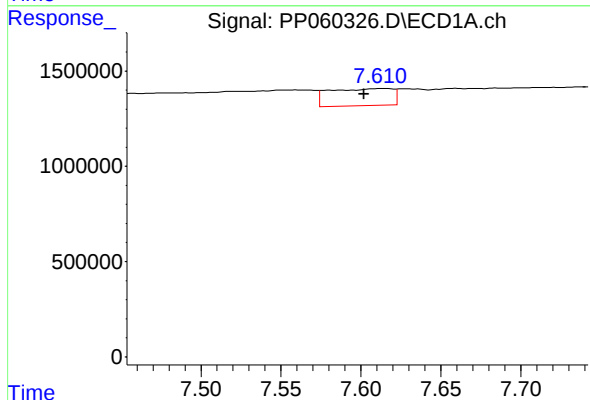
R.T.: 7.355 min
Delta R.T.: 0.012 min
Response: 2436231
Conc: 23.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



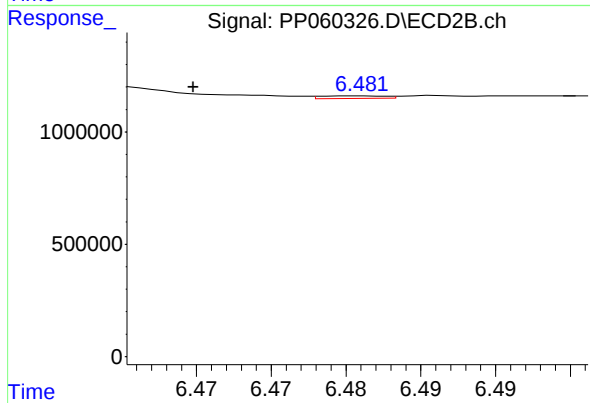
#31 AR-1260-1

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 496242
Conc: 4.94 ng/ml



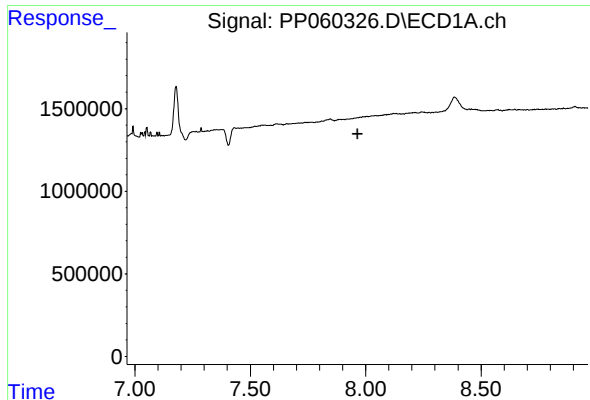
#32 AR-1260-2

R.T.: 7.613 min
Delta R.T.: 0.011 min
Response: 2451744
Conc: 20.28 ng/ml



#32 AR-1260-2

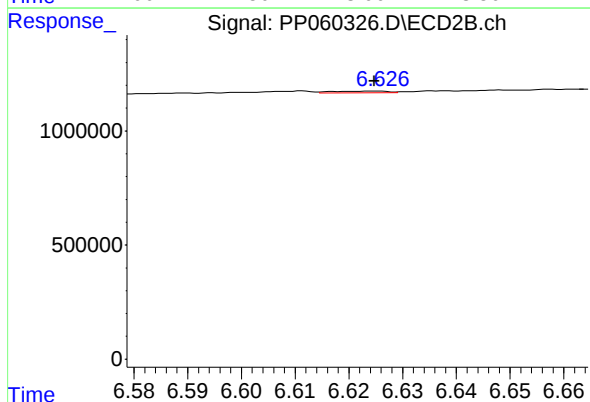
R.T.: 6.481 min
Delta R.T.: 0.011 min
Response: 35938
Conc: 0.30 ng/ml



#33 AR-1260-3

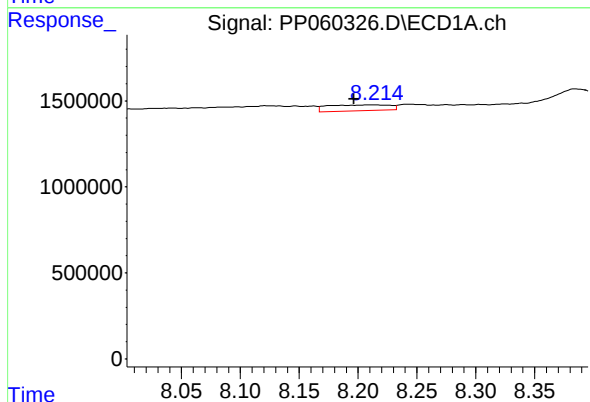
R.T.: 0.000 min
Exp R.T.: 7.965 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



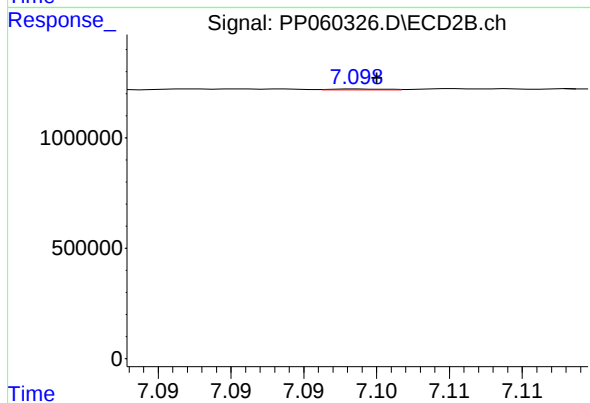
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.001 min
Response: 48285
Conc: 0.42 ng/ml



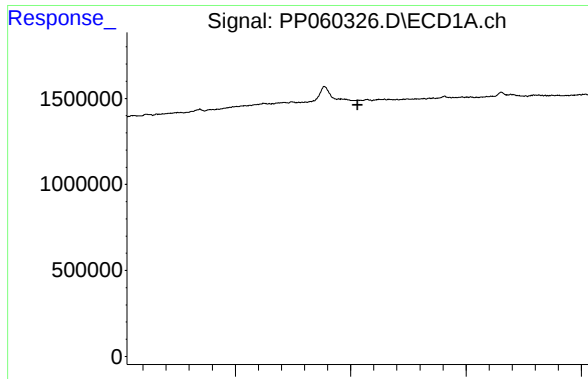
#34 AR-1260-4

R.T.: 8.214 min
Delta R.T.: 0.018 min
Response: 1261854
Conc: 11.90 ng/ml



#34 AR-1260-4

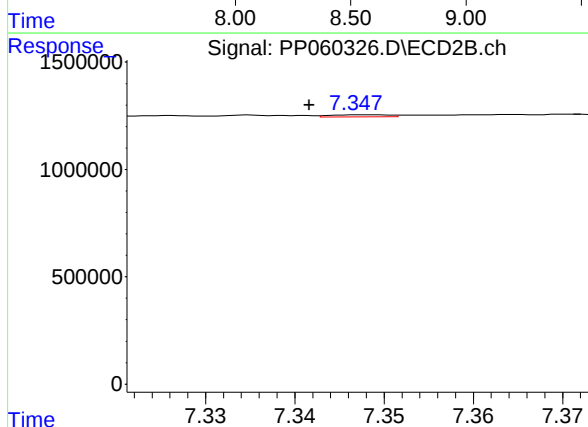
R.T.: 7.099 min
Delta R.T.: -0.001 min
Response: 9780
Conc: 0.10 ng/ml



#35 AR-1260-5

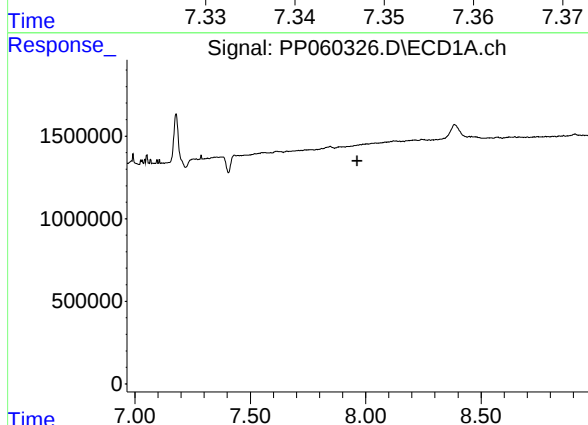
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



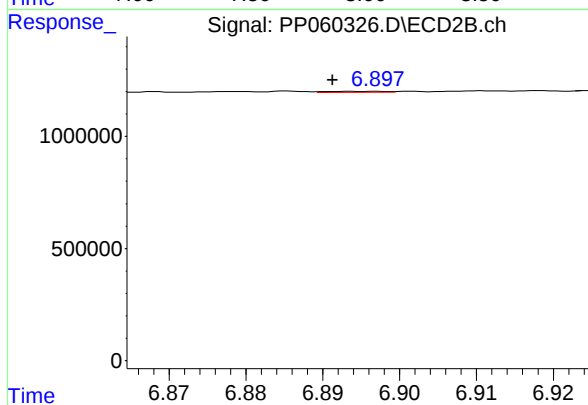
#35 AR-1260-5

R.T.: 7.347 min
Delta R.T.: 0.006 min
Response: 42403
Conc: 0.20 ng/ml



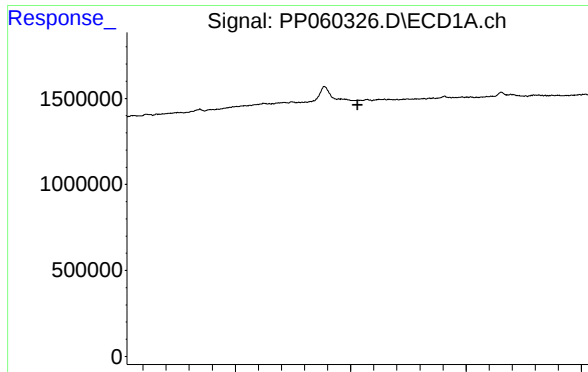
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.964 min
Response: 0
Conc: N.D.



#36 AR-1262-1

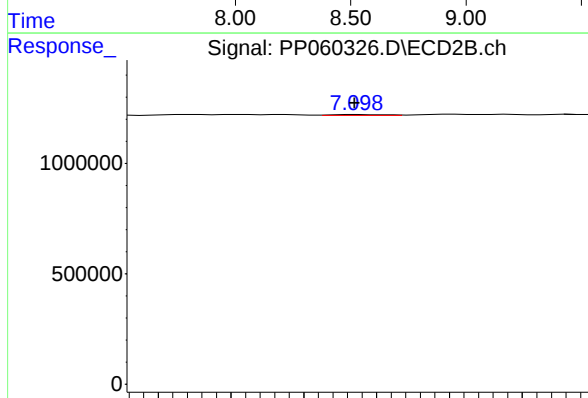
R.T.: 6.897 min
Delta R.T.: 0.006 min
Response: 24600
Conc: 0.46 ng/ml



#37 AR-1262-2

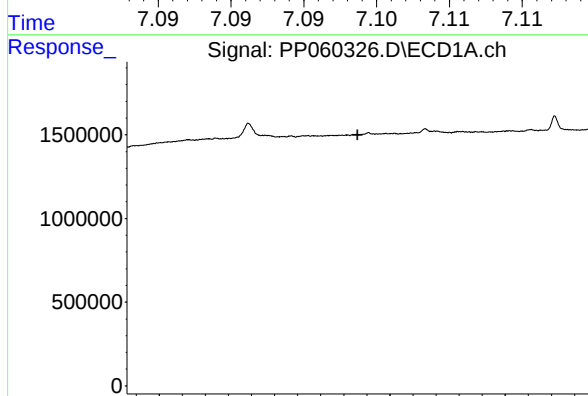
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



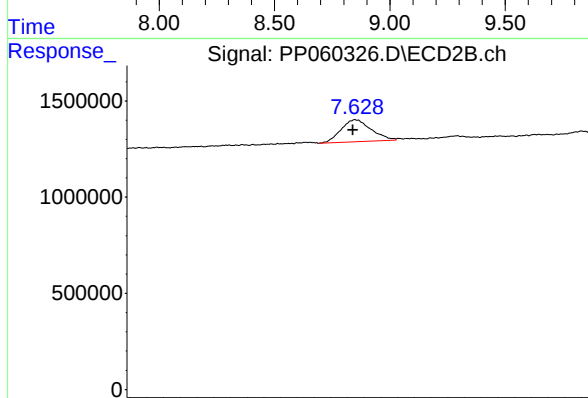
#37 AR-1262-2

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 9780
Conc: 0.08 ng/ml



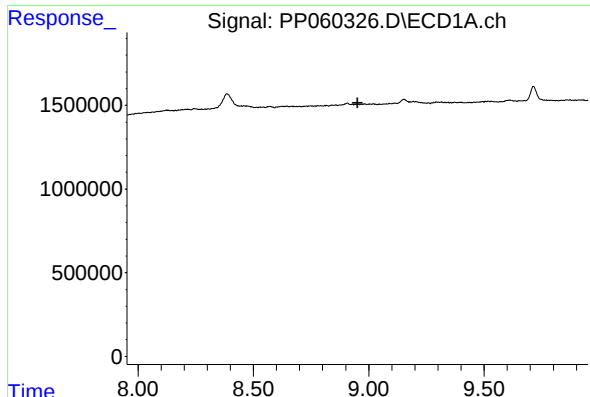
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.



#38 AR-1262-3

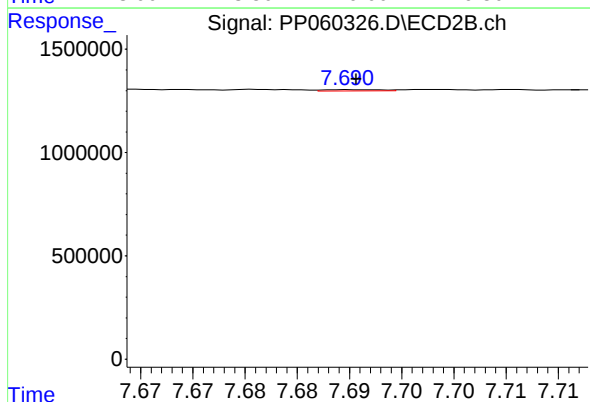
R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 2867942
Conc: 31.10 ng/ml



#39 AR-1262-4

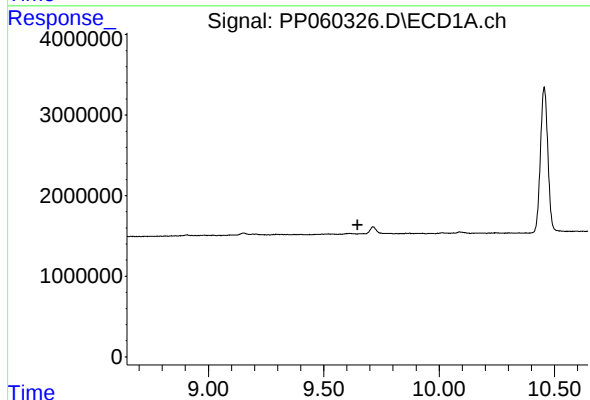
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



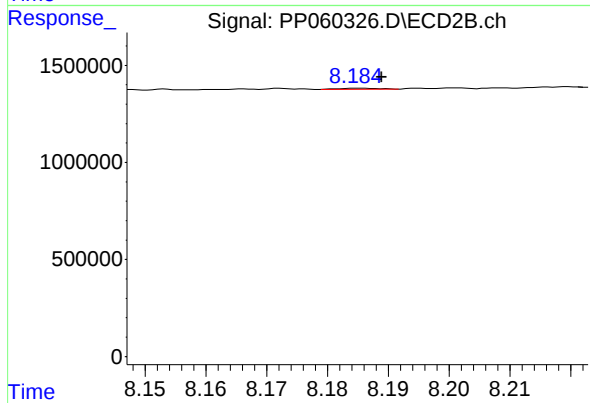
#39 AR-1262-4

R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 21515
Conc: 0.13 ng/ml



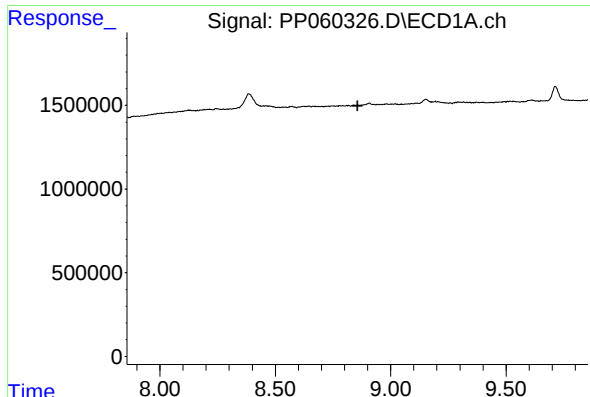
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

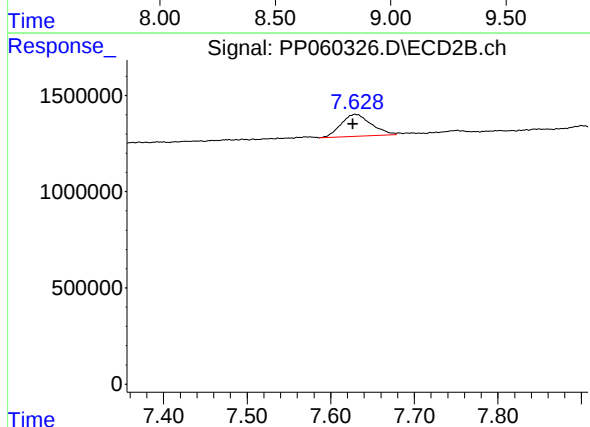
R.T.: 8.185 min
Delta R.T.: -0.004 min
Response: 22270
Conc: 0.29 ng/ml



#41 AR-1268-1

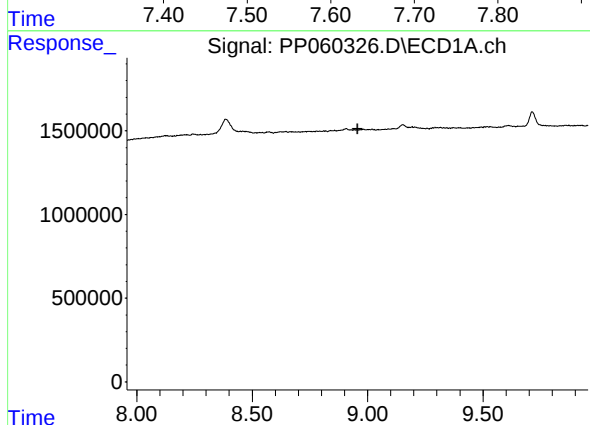
R.T.: 0.000 min
Exp R.T.: 8.856 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



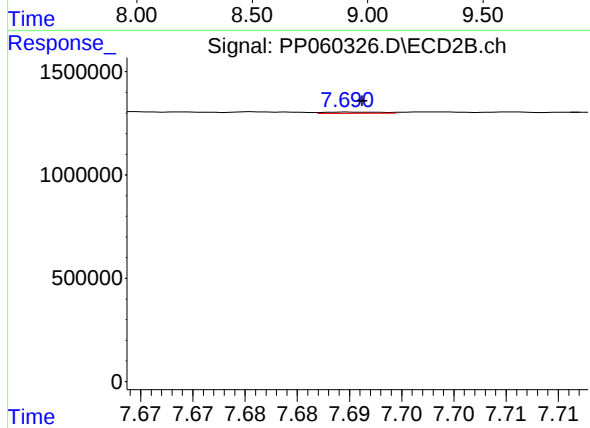
#41 AR-1268-1

R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 2867942
Conc: 10.55 ng/ml



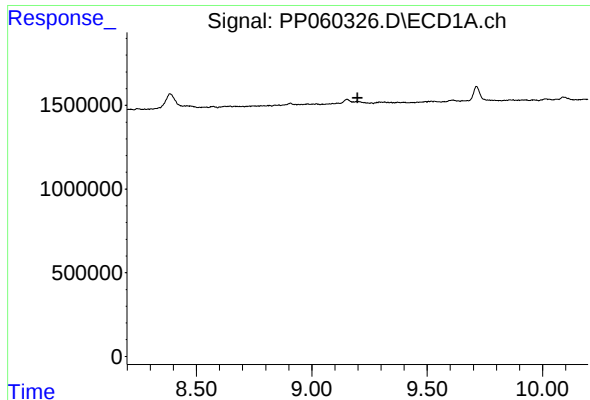
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.956 min
Response: 0
Conc: N.D.



#42 AR-1268-2

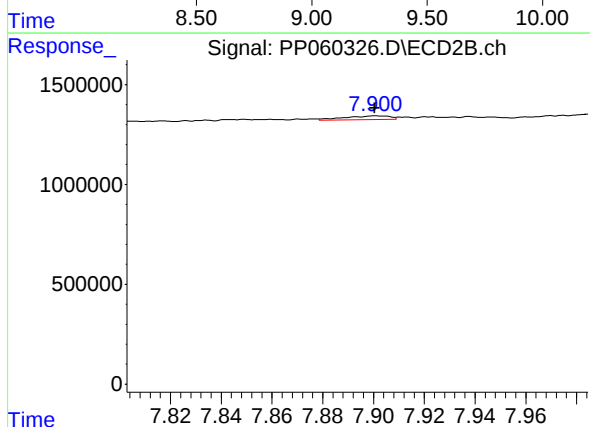
R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 21515
Conc: 0.09 ng/ml



#43 AR-1268-3

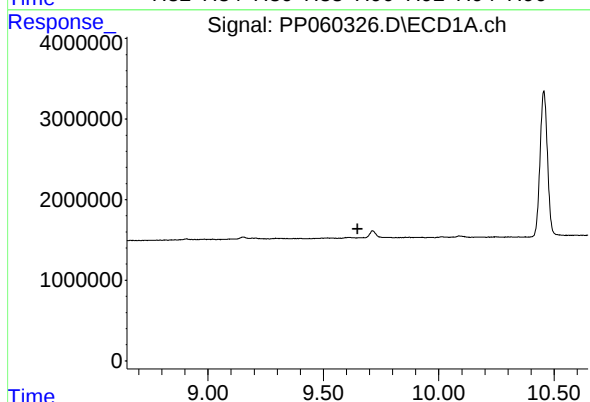
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



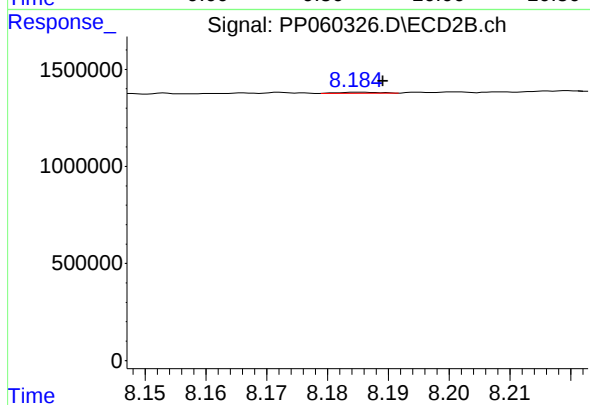
#43 AR-1268-3

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 228632
Conc: 1.07 ng/ml



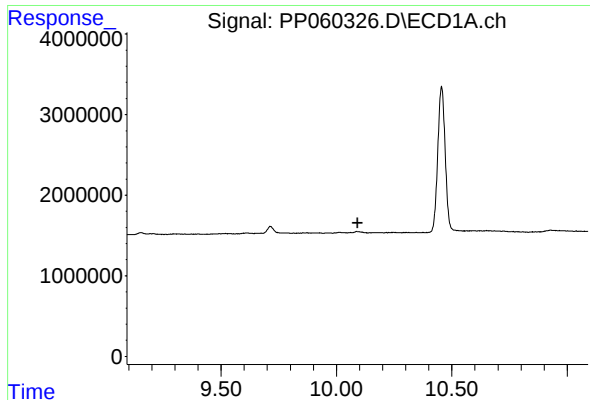
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.648 min
Response: 0
Conc: N.D.



#44 AR-1268-4

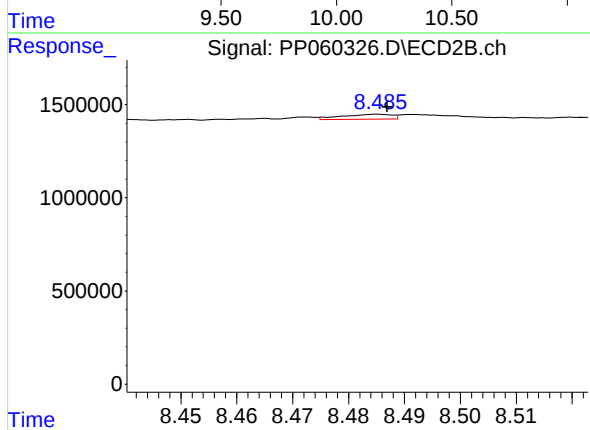
R.T.: 8.185 min
Delta R.T.: -0.004 min
Response: 22270
Conc: 0.25 ng/ml



#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.: 8.485 min
Delta R.T.: -0.001 min
Response: 162268
Conc: 0.26 ng/ml