Fig. 4. Representative insulin concentration profile (*bottom*) together with deconvolution-defined best-fit curves, which are predicted concentration profiles that would result from deconvolution-calculated insulin secretion rates (*top*) and known insulin kinetics. Note almost superimposable raw data and best-fit curves.
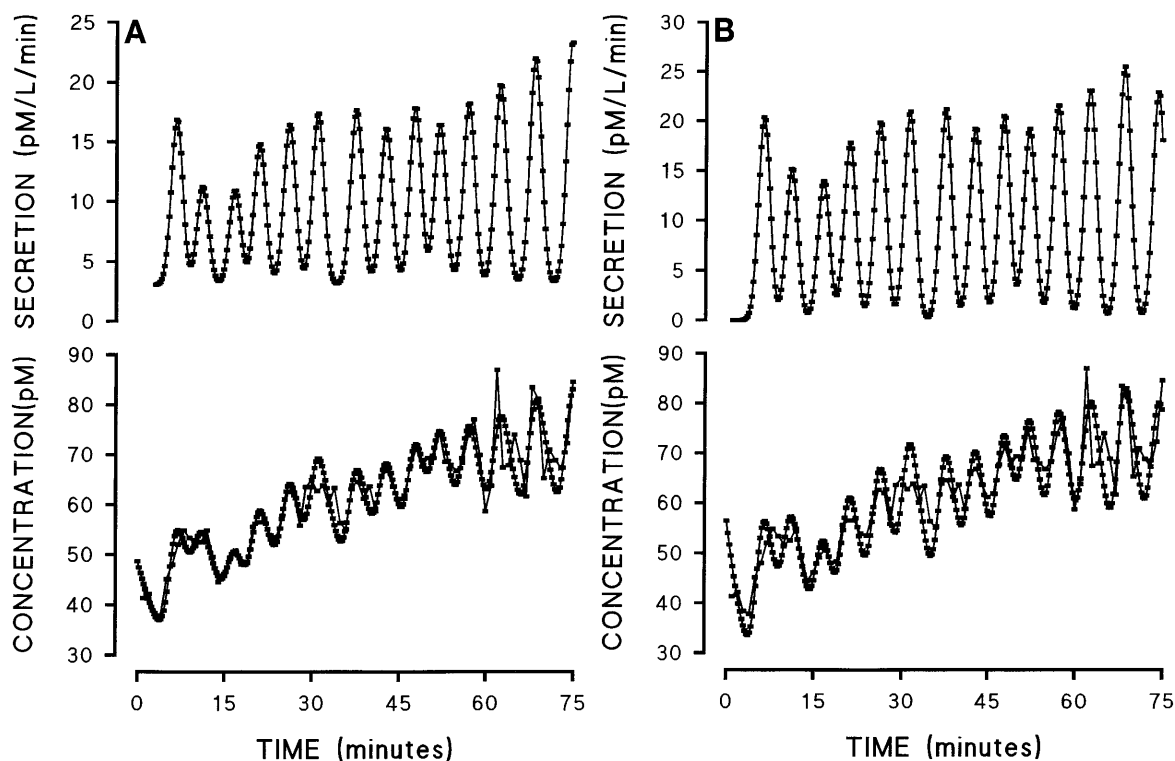

Fig. 5. Representative insulin concentration profile analyzed by fitting basal (nonpulsatile) insulin secretion (*A*) and assuming a basal secretion of 0 (*B*). Best-fit concentration profile is very similar to the observed concentration time series in both cases, and it yields a similar fitted variance. Thus data show that more insulin is released in bursts, and, indeed, is compatible with a model assuming purely pulsatile insulin release.