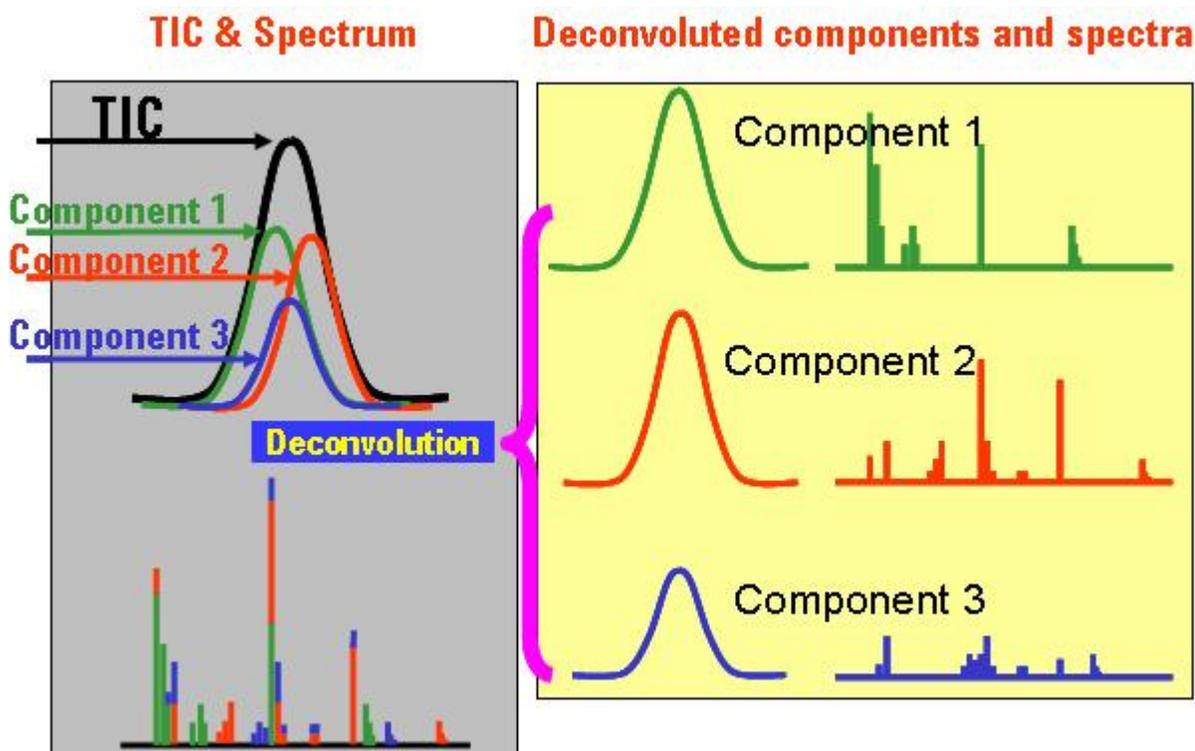# What is Deconvolution?

From NIST AMDIS: "The term is used here in the broad sense of extracting one signal from a complex mixture. The treatment of noise, the correction for base line drift, and the extraction of closely coeluting peaks from one another is all part of the deconvolution process."

The deconvolution can be explained using the following simplified graph: