

non-ideal, non-linear chromatography

Chromatographic process, where both isotherm curvature and other peak-broadening processes (such as diffusion) contribute to the peak shape.

Note:

This case comprises most peaks in common practice that are characterised as 'tailing' or 'fronting'.

Source:

PAC, 1996, 68, 1591 (*Nomenclature for non-linear chromatography (IUPAC Recommendations 1996)*) on page 1594