

ideal, non-linear chromatography

Chromatographic process, where only the curvature of the distribution isotherm determines the shape of the peaks while other peak-broadening processes are neglected.

Note:

The assumption of ideal, non-linear (INL) chromatography is often made in order to facilitate theoretical treatments. It can be justified in cases of efficient columns and distribution isotherms with prominent non-linearity.

Source:

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