

concave isotherm

in chromatography

Distribution isotherm, the slope of which is continuously increasing.

Note:

The resulting chromatographic peak is fronting. In gas-liquid chromatography, overloading often results in a concave isotherm.

Source:

PAC, 1996, 68, 1591 (*Nomenclature for non-linear chromatography (IUPAC Recommendations 1996)*) on page 1593