# convex isotherm

*in chromatography*

Distribution isotherm, the slope of which is continuously decreasing.
Note:
The resulting chromatographic peak is tailing. Adsorption isotherms are often of this type. A special case is the Langmuir adsorption isotherm.

***Source:***

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

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