

distribution isotherm (in chromatography)

The relationship (algebraic or graphical) between the concentration of a solute in an extract and the corresponding concentration of the same solute in the other phase at equilibrium at a specified temperature.

Alternative terms in common use are equilibrium line and in the appropriate context: extraction isotherm, scrubbing isotherm and stripping isotherm. Partition isotherm is not normal usage.

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N.B. This definition has been *superseded*.