

Sorption of some derivatives of quinoline from water-acetonitrile solutions in RPh HPLC

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Abstract

We have obtained experimentally the values of retention factors of some quinolone derivatives in the conditions of reversed-phase high performance liquid chromatography with the use of the mixture water – acetonitrile as an eluent. The influence of molecular structure of quinoline derivatives on their chromatographic retention has been analyzed; the corresponding correlations have been obtained.