

The comparative characteristic of sorption by the supercrosslinked polystyrene and octadecylsilicagel from organic solutions of various chemical nature

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Abstract

Chromatographic retention of a number of organic aromatic compounds was investigated at various compositions of eluent on octadecylsilicagel and sorbents on the basis of the supercrosslinked polystyrenes. Comparison of the retention characteristics obtained experimentally on these sorbents was carried out. The comparative characteristics of retention derivatives under the reverse-phase and quasinormal-phase modes of high-performance liquid chromatography are given.