

Linear solvation energy relationships in the characterization of sorbents for RPh HPLCH

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Abstract

The possibility of using the model of linear solvation energy relationships for characterizing some sorbents for reversed-phase high performance liquid chromatography and calculated values of retention factor model compounds using as eluent a mixture of water – acetonitrile has been studied. Corresponding coefficients of linear solvation energy relationships for oktadecyl silica gel and hypercrosslinked polystyrene were calculated.