

Název práce : *Derivatizační metoda pro stanovení cholesterolu v biologickém materiálu metodou plynové chromatografie*

Diplomant : Martina Krausová

Abstrakt

Analysed matters mostly occur in complicated mixtures in biological material. It is necessary to separate individual analytes. Gas chromatography can be used for this purpose. It is sensitive analytical method with great separative effect. This method is applied with substance which can be turned into vapour by heating them. Substance that dissolves when heated must be put through derivation reaction at the rise of volatile derivatives. One of these derivative methods is described in this diploma work. This reaction is acylation of cholesterol into acyl - cholesterol which can be determined thanks to it's volatility by gas chromatography.