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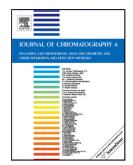
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Facile Gas Chromatography- Tandem Mass Spectrometry Stable Isotope Dilution

Method for the Quantification of Sesquiterpenes in Grape

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Highlights

Novel GCMS/MS method for the concurrent quantification of 10

sesquiterpenes in grape must.

First SIDA quantitative study of sesquiterpenes.

Suitable for low concentration-sesquiterpene analysis in grape products.

Method successfully applied to variety of several grape musts.

ABSTRACT

Sesquiterpenes are a widespread class of compounds of increasing interest found in grapes and

wines, amongst many other natural sources. Due to a lack of standards and the complexity of

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