

Analysis of FAME in partially hydrogenated soybean oil

Application Note

Food Testing & Agriculture

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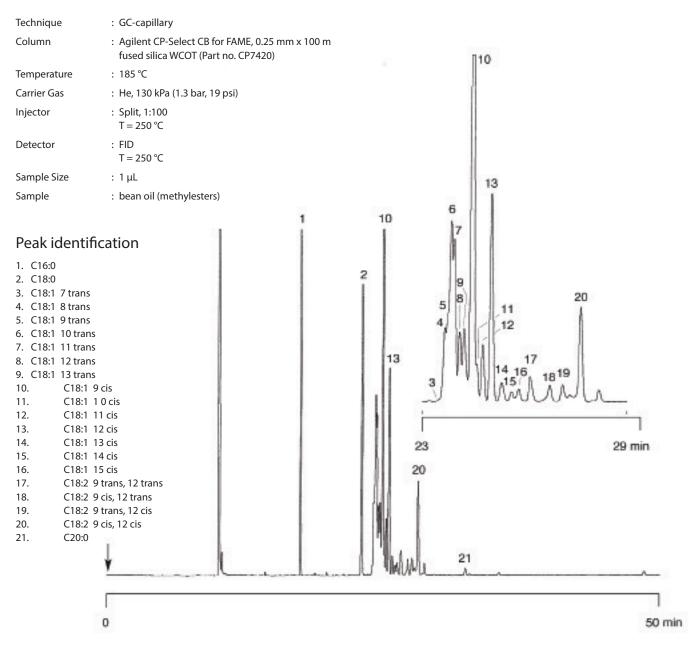
Introduction

FAME components can be separated on several stationary phases. Highest resolution for FAME will be obtained using polar phases, like the Agilent CP-Sil 88. The Agilent CP-Select CB for FAME is a 100% bonded polar phase with a selectivity comparable to the CP-Sil 88, but with an unique stability as it is 100% immobilized. As a result the CP-Select CB for FAME can be used repeatedly with splitless or oncolumn injection techniques without loosing efficiency.

The bonded polar phase is also stable up to 290 °C, allowing a fast bake-out. Column bleed is very low providing excellent quantification for trace compounds especially in combination with sensitive detectors such as MS. Another characteristic of the CP-Select CB for FAME is the high loadability, which is at least a factor 3 higher allowing better separations for FAME isomers eluting close together.



Conditions



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This information is subject to change without notice.

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