



Fatty acid methyl esters

Application Note

Food Testing & Agriculture

Authors

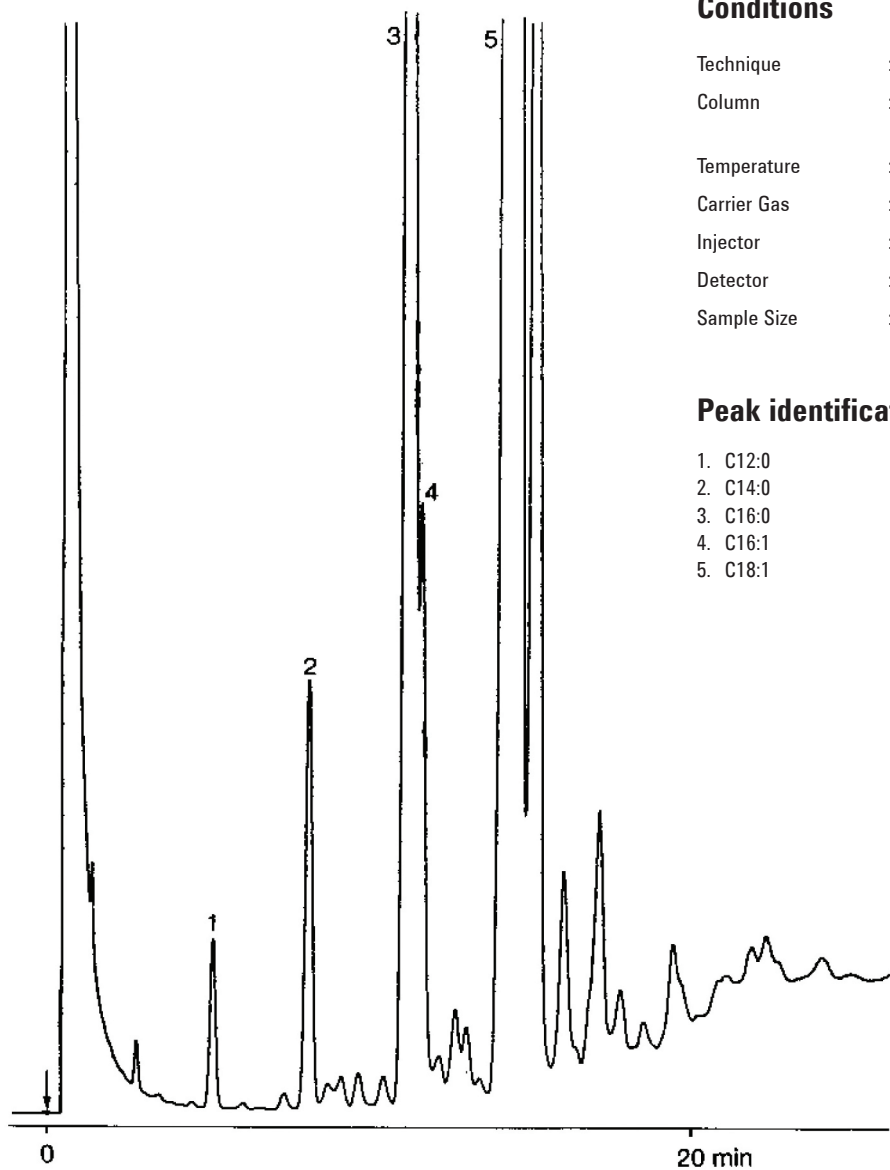
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Introduction

Gas chromatography using an Agilent CP-Wax 57 CB column separates five fatty acid methyl esters in 20 minutes.



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Conditions

Technique : GC-capillary
Column : Agilent CP-Wax 57 CB, 0.53 mm x 10 m fused silica
WCOT CP-Wax 57 CB (2.0 μ m) (Custom-made)
Temperature : 100 °C \rightarrow 225 °C, 6 °C/min
Carrier Gas : N₂, 55 kPa (0.55 bar, 8 psi), 38 cm/s
Injector : Direct
Detector : FID, 5 x 10⁻¹² Afs
Sample Size : 0.1 μ L

Peak identification

1. C12:0
2. C14:0
3. C16:0
4. C16:1
5. C18:1

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This information is subject to change without notice.

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