



FAME + tetranorprostanedioic acid

Determination of tetranorprostanedioic acid as its dimethyl derivative

Application Note

Materials Testing & Research

Authors

Agilent Technologies, Inc.

Introduction

Gas chromatography using an Agilent CP-Sil 5 CB column analyzes tetranorprostanedioic acid as its dimethyl derivative in five minutes.



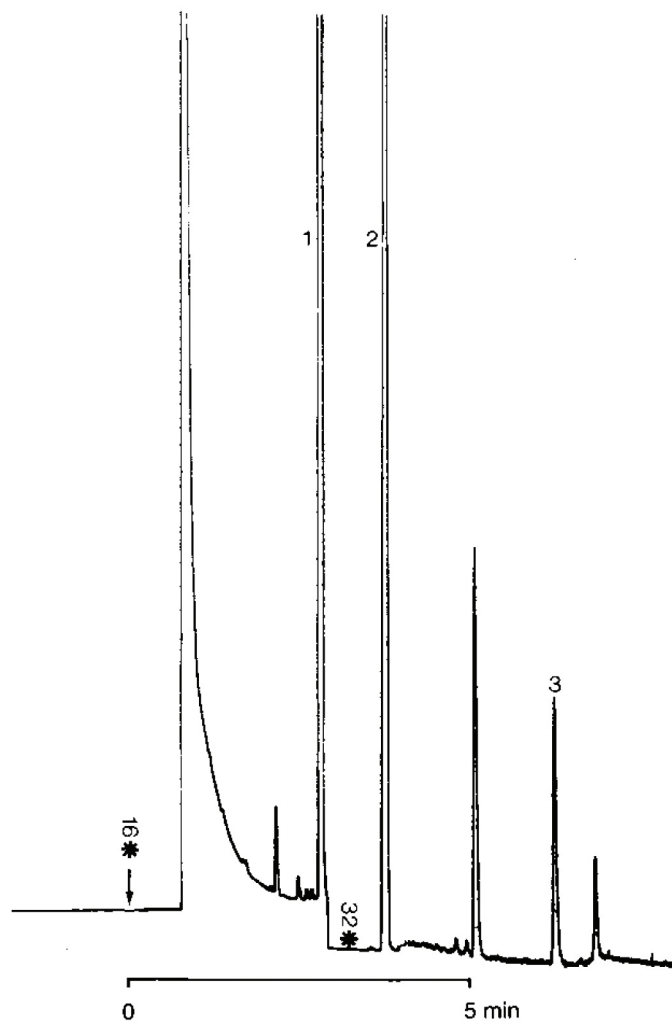
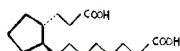
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Conditions

Technique : GC-capillary
Column : Agilent CP-Sil 5 CB, 0.22 mm x 25 m fused silica
WCOT CP-Sil 5 CB (0.12 μ m) (Part no. CP7710)
Temperature : 195 °C
Carrier Gas : H₂, 102 kPa (1.02 bar), 50 cm/s
Injector : Splitter, 5 mL/min
T = 250 °C
Detector : FID, 16/32/2 x 10⁻² Afs
T = 300 °C
Sample Size : 1.0 μ L

Peak identification

1. C13: 0 methylester
2. C14: 0 methylester
3. tetranorprostanedioic acid dimethylester



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This information is subject to change without notice.

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