



2-Butanol, n-C₁₃ and 4.4 dimethyl-2-pentanone

Application Note

Energy & Fuels

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Introduction

Gas chromatography with an Agilent TCEP column separates 2-butanol, n-C₁₃ and 4.4 dimethyl-2-pentanone in ten minutes.



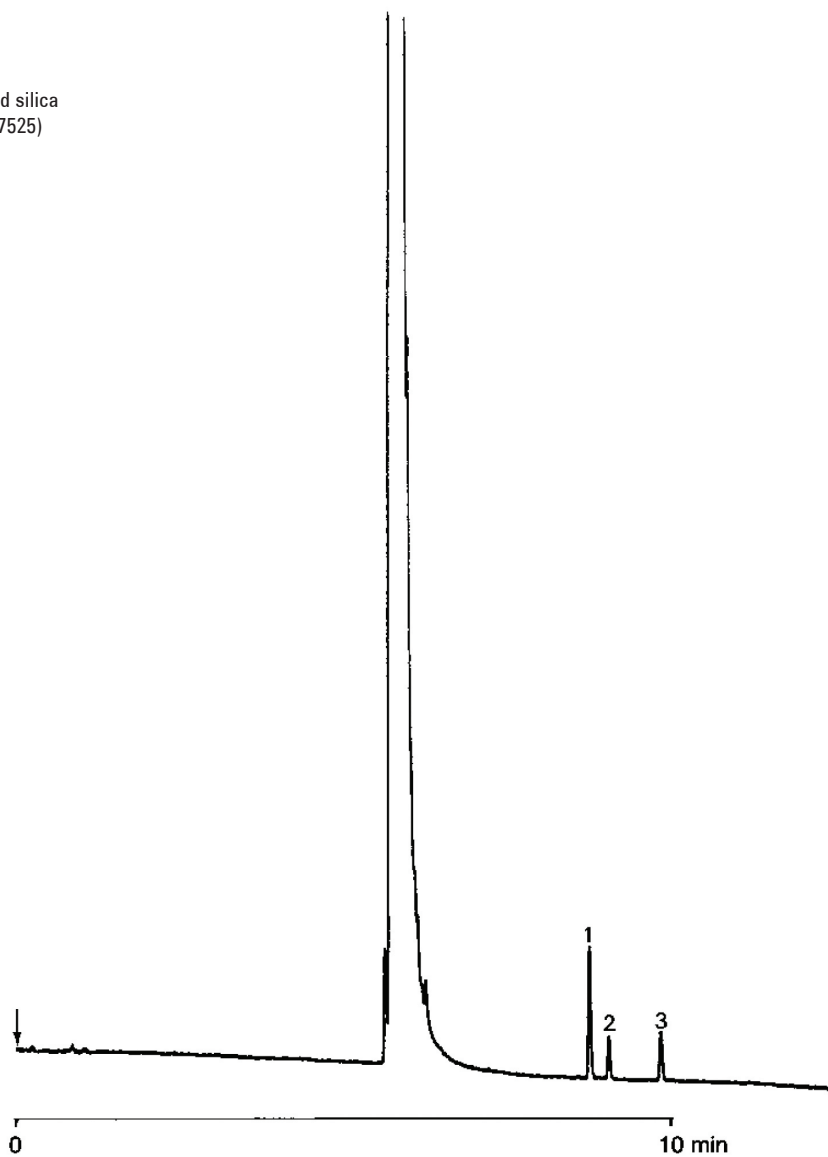
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Conditions

Technique : GC-capillary
Column : Agilent TCEP, 0.22 mm x 50 m fused silica
WCOT TCEP (0.4 μ m) (Part no. CP7525)
Temperature : 90 °C
Carrier Gas : N₂, 100 kPa (1.0 bar), 15 cm/s
Injector : Splitter, 64 mL/min
T = 250 °C
Detector : FID, 5 x 10⁻¹² Afs
T = 250 °C
Sample Size : 0.5 μ L
Solvent Sample : n-hexane

Peak identification

1. 2-butanol
2. n-tridecane
3. 4,4-dimethyl-2-pentanone



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This information is subject to change without notice.

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