Hydrocarbons, C_1 – C_3

Application Note

Energy & Fuels

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Introduction

Gas chromatography with an Agilent PoraPLOT Q column separates four C_1 to C_3 hydrocarbons in five minutes.

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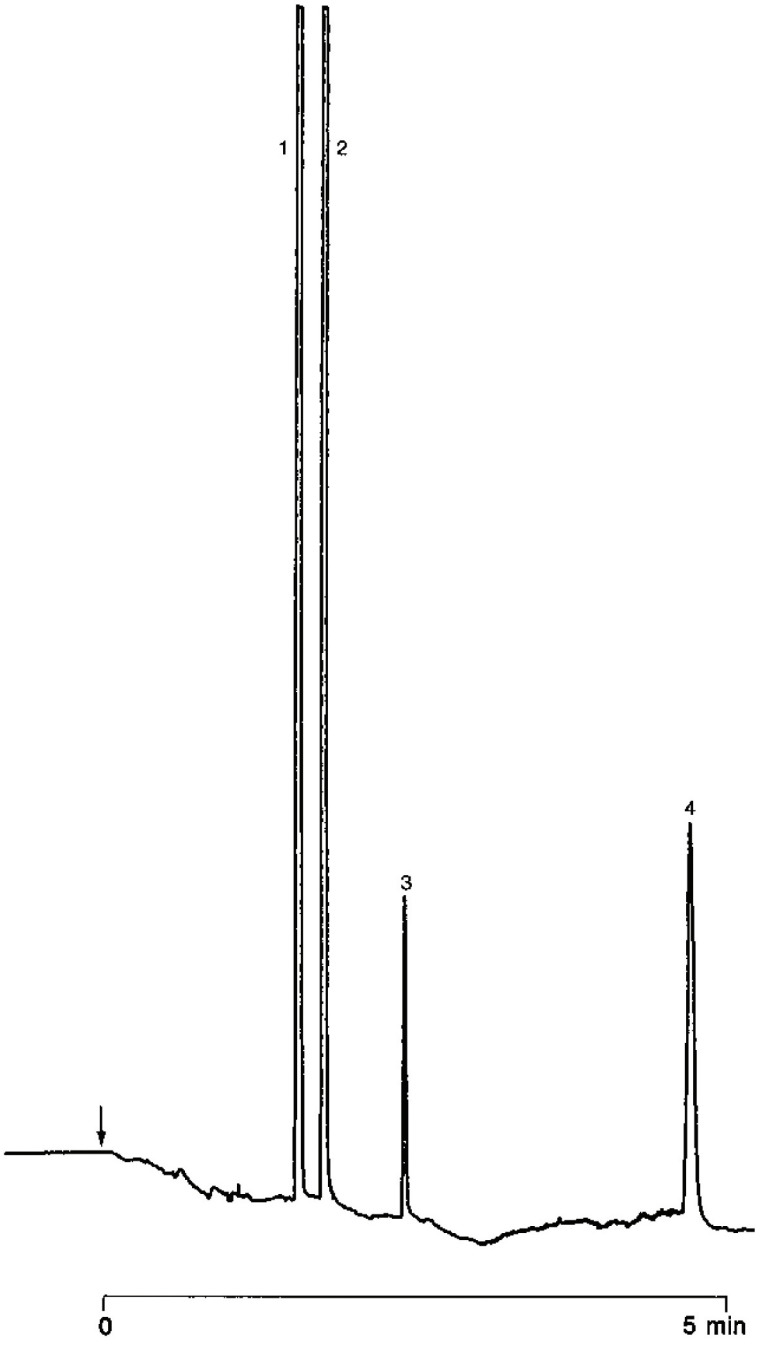
Conditions

Technique	: GC-capillary
Column	: Agilent PoraPLOT Q, 0.32 mm x 25 m fused silica PoraPLOT Q (10 µm) (Part no. CP7551)
Temperature	: 25 °C
Carrier Gas	: H_2, 100 kPa (1.0 bar, 14.5 psi)
Injector	: Splitter
Detector	: µ TCD

Peak identification

1. nitrogen
2. methane
3. ethane
4. propane



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