



C₁ – C₄ hydrocarbons

Application Note

Energy & Fuels

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Introduction

Gas chromatography with an Agilent CP-Al₂O₃/KCl column and Agilent 490 Micro GC separates C₁ to C₄ hydrocarbons in 100 seconds.



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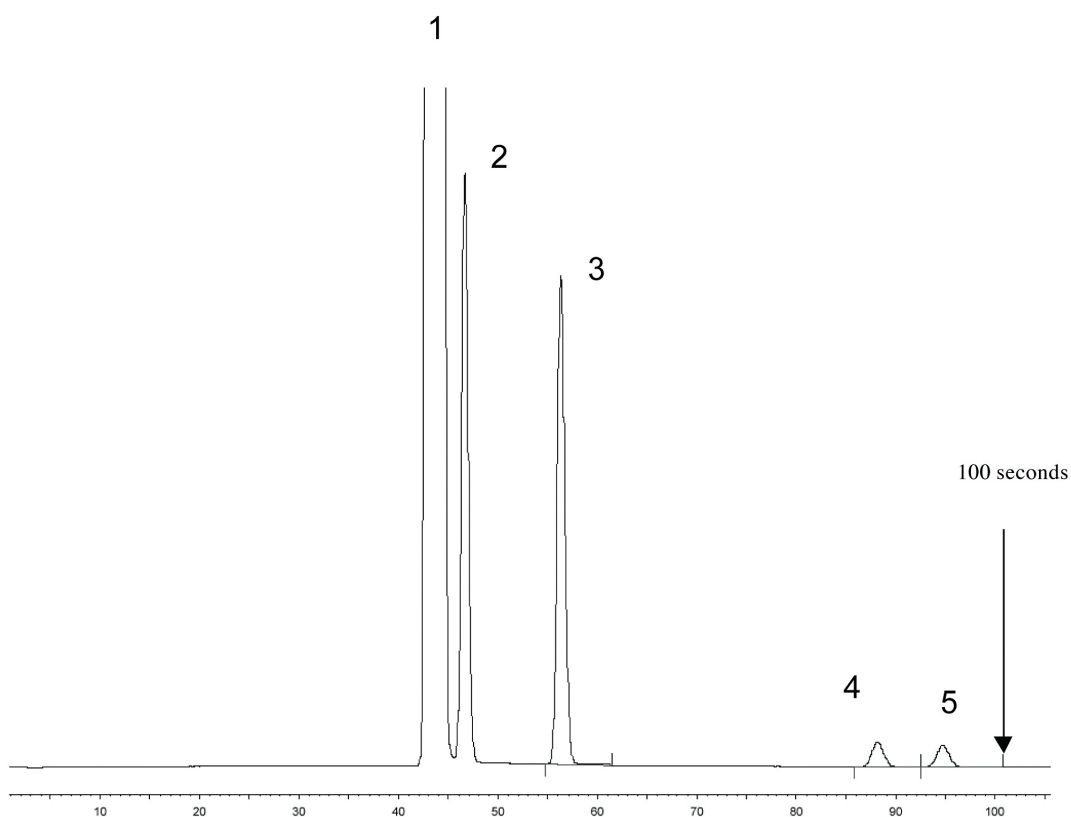
Conditions

Technique : Micro-GC
GC-Channel : Agilent CP-AL₂O₃/KCl, 0.32 mm x 10 m
Temperature : 70 °C
Carrier Gas : Helium, 80 kPa
Injector : 150 ms, 110 °C
BackFlush : -
Detector : chip TCD

Courtesy : Jim Luong and Rhonda Gras, Dow Chemical Canada

Peak identification

1. air
2. methane
3. ethylene
4. iso butane
5. butane



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This information is subject to change without notice.

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