Gas chromatography with an Agilent CP-PoraPLOT Q column separates five gases in five minutes.

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Introduction
Gas chromatography with an Agilent CP-PoraPLOT Q column separates five gases in five minutes.
Conditions

Technique: GC-capillary  
Column: Agilent CP-PoraPLOT Q, 0.32 mm x 25 m fused silica  
PoraPLOT Q (10 μm) (Part no. CP7551)  
Temperature: 0 °C  
Carrier Gas: H₂, 100 kPa (1.0 bar, 14.5 psi)  
Injector: Splitter  
Detector: μ TCD

Peak identification
1. helium  
2. nitrogen  
3. oxygen  
4. methane  
5. carbon dioxide

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