Gases

Application Note

Environmental

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Introduction
Gas chromatography with an Agilent PoraPLOT Q column separates three components in an air sample in two minutes.
**Conditions**

Technique: GC-capillary

Column: Agilent PoraPLOT Q, 0.32 mm x 10 m fused silica
   PoraPLOT Q (10 μm) (Part no. CP7550)

Temperature: 50 °C

Carrier Gas: H₂, 45 kPa (0.45 bar, 6.5 psi)

Injector: Splitter

Detector: μ TCD

**Peak identification**

1. air
2. methane
3. carbon dioxide
4. ethane