Introduction

Gas chromatography with an Agilent 490 Micro GC and HayeSep A column module separates methane, propane, ethane, and carbon dioxide in natural gas in 70 seconds.
Conditions

Technique: Micro GC
Column: Agilent CP-HayeSep A
Temperature: 60 °C
Carrier Gas: He
Detector: TCD

Peak identification

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