



# Air, water, CO<sub>2</sub> and ethylene

## Application Note

Energy & Fuels

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### Introduction

Gas chromatography with an Agilent PoraPLOT U column and Agilent 490 Micro GC separates air, water, carbon dioxide and ethylene in 60 seconds.



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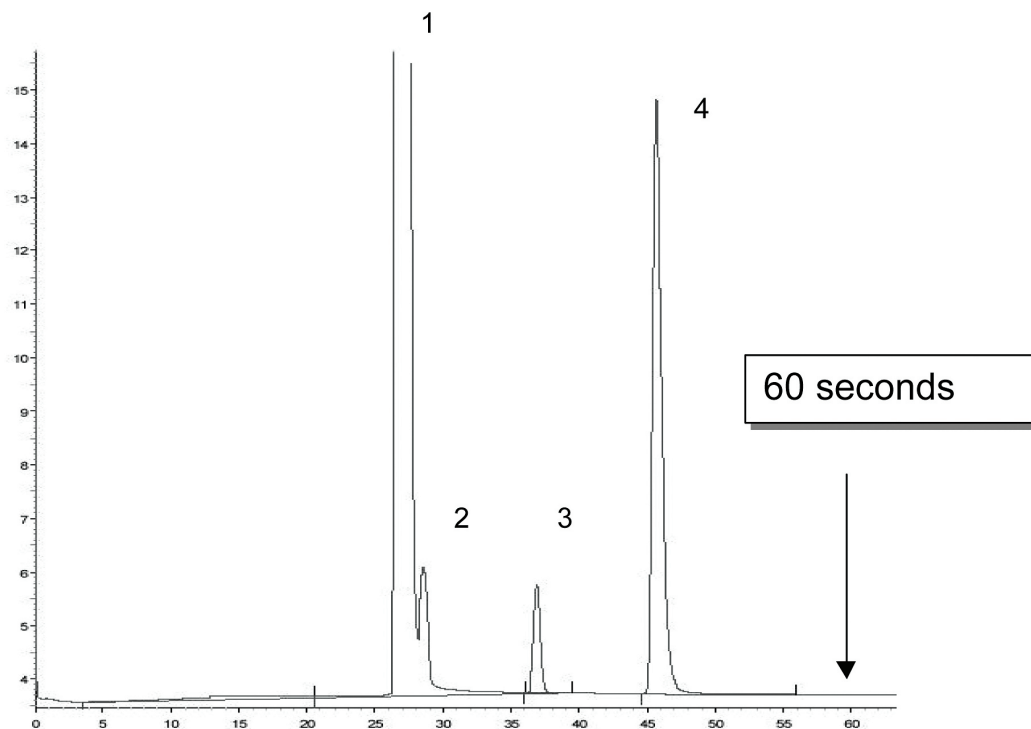
## Conditions

Technique : Micro-GC  
GC-Channel : Agilent PoraPLOT U, 0.32 mm x 10 m  
Temperature : 50 °C  
Carrier Gas : Helium, 150 kPa  
Injector : 100 ms, 110 °C  
BackFlush : -  
Detector : chip TCD

Courtesy : Jim Luong and Rhonda Gras, Dow Chemical Canada

## Peak identification

1. air
2. water
3. carbon dioxide
4. ethylene



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This information is subject to change without notice.

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