



# Gases

## Application Note

Energy & Fuels

### Authors

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### Introduction

Gas chromatography with an Agilent CP-Molsieve 5Å column and Agilent 490 Micro GC separates carbon monoxide, oxygen, and nitrogen in 55 seconds.



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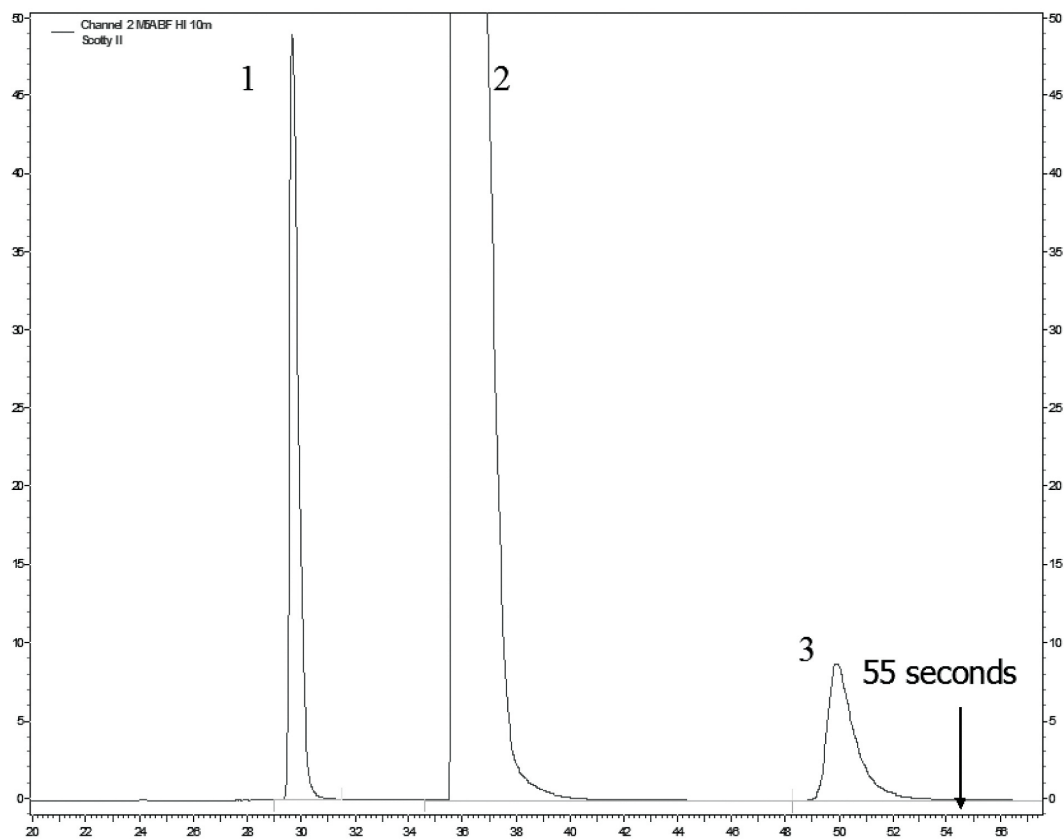
## Conditions

Technique : Micro-GC  
GC-Channel : Agilent CP-Molsieve 5Å  
Temperature : 100 °C  
Carrier Gas : Helium, 26 psig  
Injector : 100 ms, 110 °C  
BackFlush : after 7 s  
Detector : chip TCD

Courtesy : Jim Luong, Dow Chemical Canada

## Peak identification

- |             |         |
|-------------|---------|
| 1. oxygen   | 7%      |
| 2. nitrogen | balance |
| 3. CO       | 7%      |



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This information is subject to change without notice.

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