



## **Gases**

# Fast analysis of gases at a garbage dump

## Application Note

Environmental

### **Authors**

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### **Introduction**

Gas chromatography using an Agilent 490 Micro GC with an Agilent CP-Molsieve 5Å column analyzes air samples taken near a garbage dump for neon, hydrogen, oxygen, nitrogen, methane and carbon monoxide in 240 seconds.



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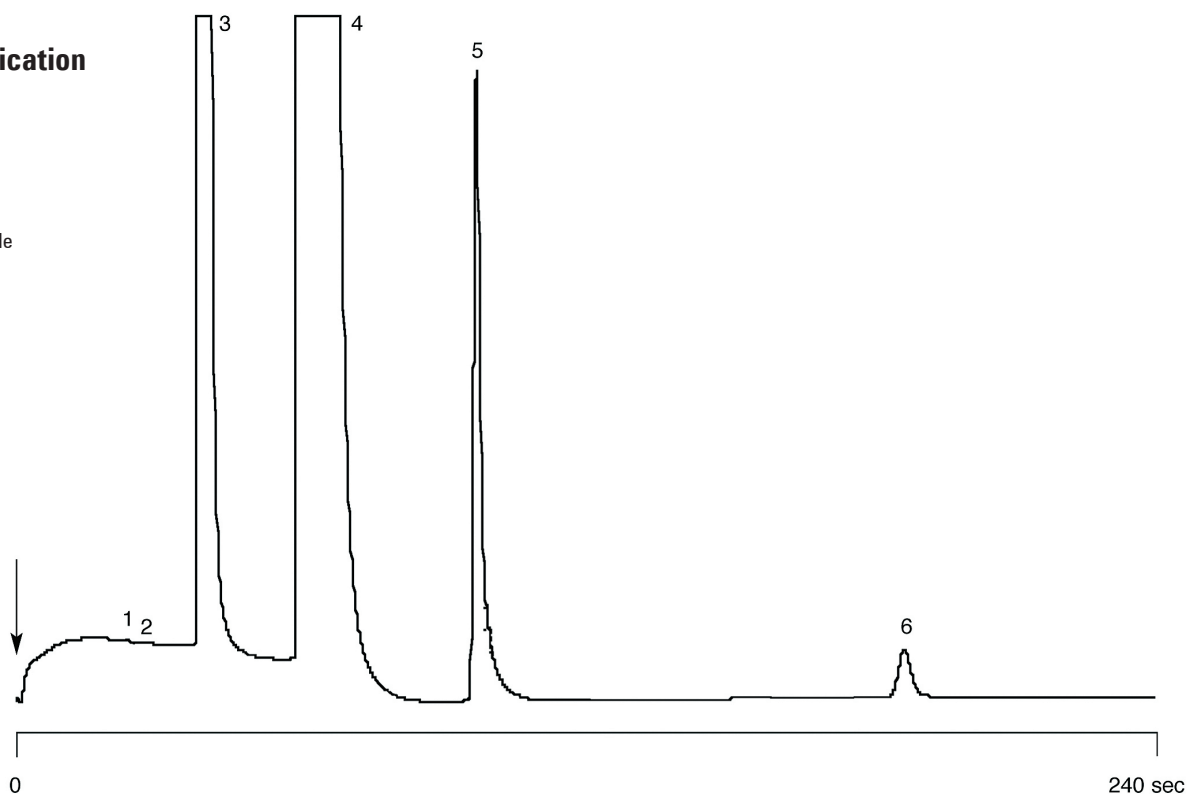
## Conditions

Technique : Micro-GC  
Column : Agilent CP-Molsieve 5Å, 0.32 mm x 10 m PLOT  
(Part no. CP737057)  
Temperature : 50 °C  
Carrier Gas : He, 180 kPa (1.8 bar, 25 psi)  
Pressure Program : no  
Heated injector : no  
Injection time. : 100 msec  
Matrix : air

Courtesy : Pascal Vattaire/Jean-Luc Barranca,  
Agilent France S.A.

## Peak identification

1. neon
2. hydrogen
3. oxygen
4. nitrogen
5. methane
6. carbonmonoxide



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This information is subject to change without notice.

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