



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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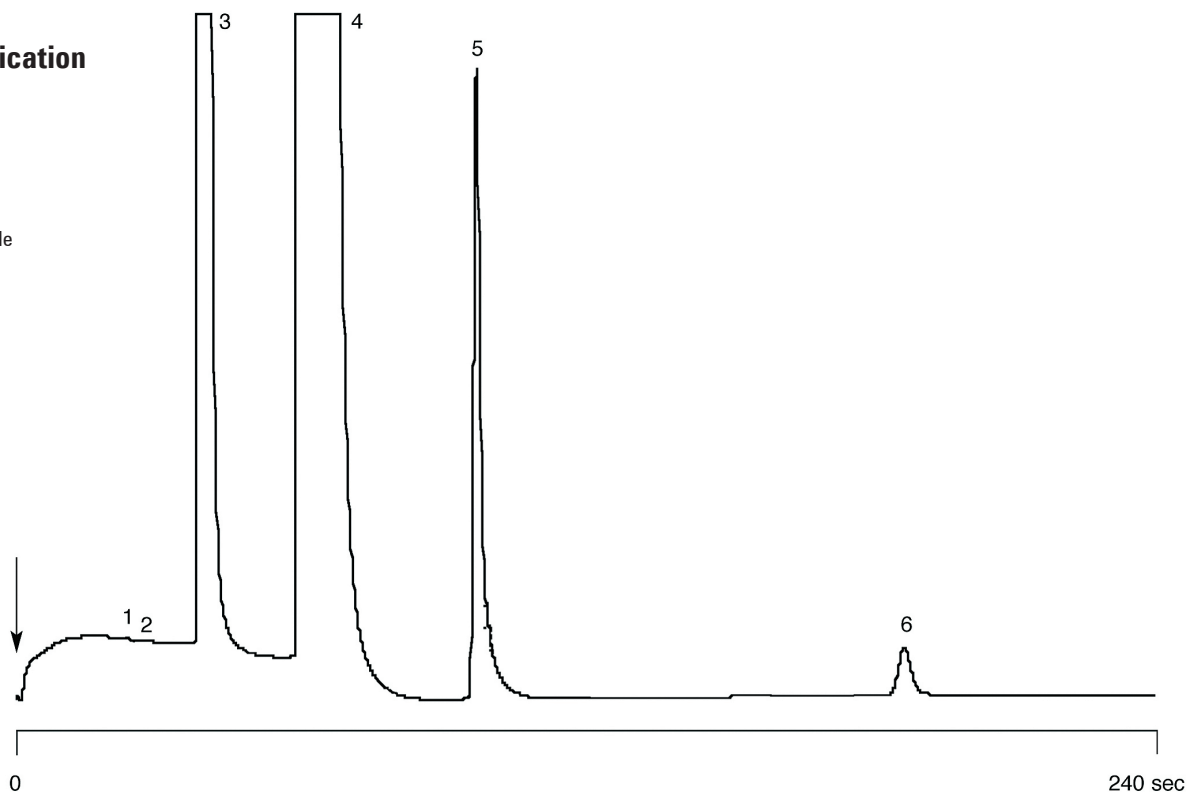
Conditions

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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