



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 PoraPLOT column analyzes air samples taken near a garbage dump for methane, hydrogen sulfide and carbon dioxide in 70 seconds.



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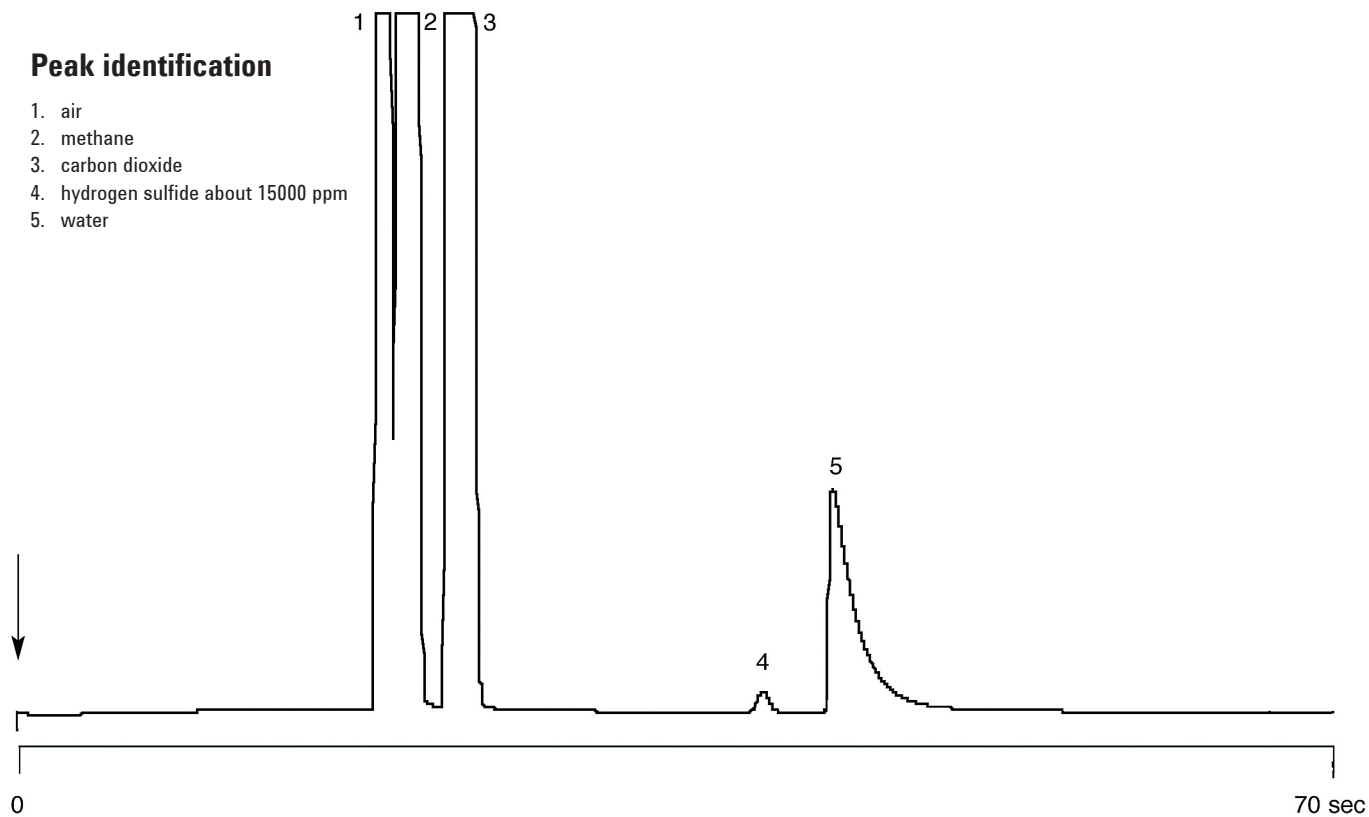
Conditions

Technique : Micro-GC
Column : Agilent PoraPLOT, 0.25 mm x 10 m PLOT
(Part no. CP738050)
Temperature : 65 °C
Carrier Gas : He, 150 kPa (1.5 bar, 21 psi)
Heated injector : no
Injection time. : 100 msec
Matrix : air

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

Peak identification

1. air
2. methane
3. carbon dioxide
4. hydrogen sulfide about 15000 ppm
5. water



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This information is subject to change without notice.

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