



Oxygenated compounds

Application Note

Environmental

Authors

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Introduction

Gas chromatography using an Agilent Lowox column separates nine oxygenates in 16 minutes.



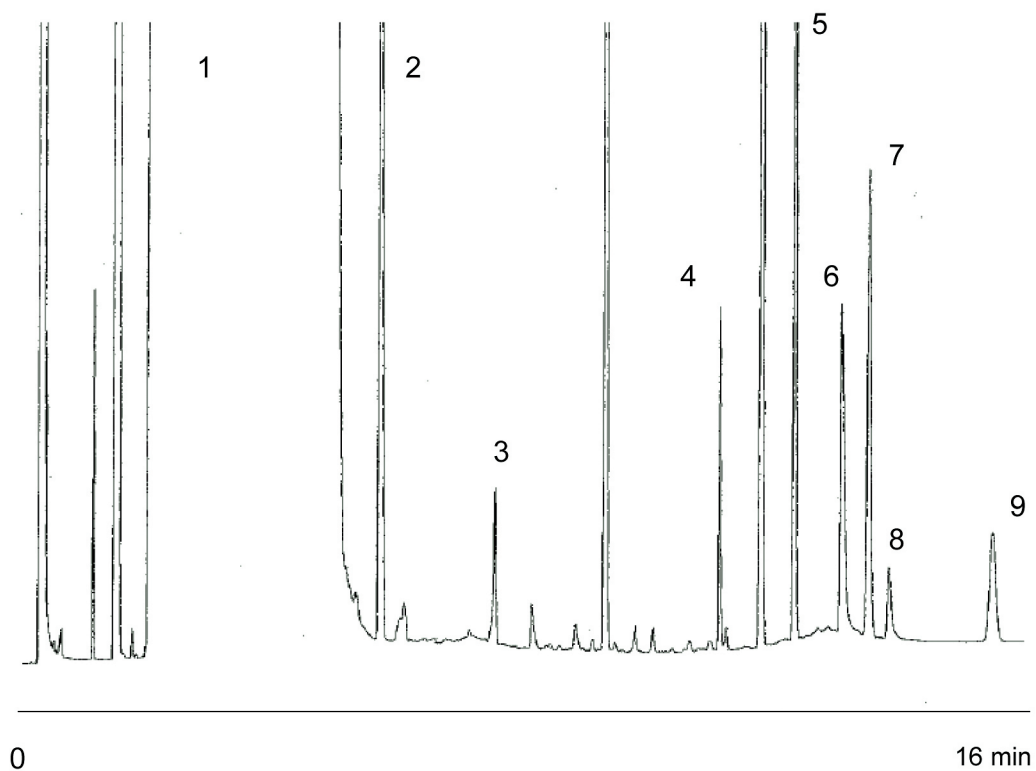
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Conditions

Technique : GC
Column : Agilent Lowox, 0.53 mm x 10 m, Part no. CP8587
Temperature : 100 °C, 0.5 min → 325 °C, 20 °C/min
Carrier Gas : Helium, 25 kPa
Injector : Split, 280 °C
Detector : FID, T = 325 °C
Sample Size : 0.1 µL
Concentration Range : 100 - 200 ppm
Solvent Sample : acetone

Peak identification

1. acetone
2. ethanol
3. unknown
4. C-24
5. C-26
6. ethylene glycol
7. C-28
8. propylene glycol
9. C-30



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This information is subject to change without notice.

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