



Sulfur odorants in natural gas

Application Note

Energy & Fuels

Authors

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Introduction

Fast GC analysis THT and MES in natural gas in three minutes, using an Agilent Lowox column.



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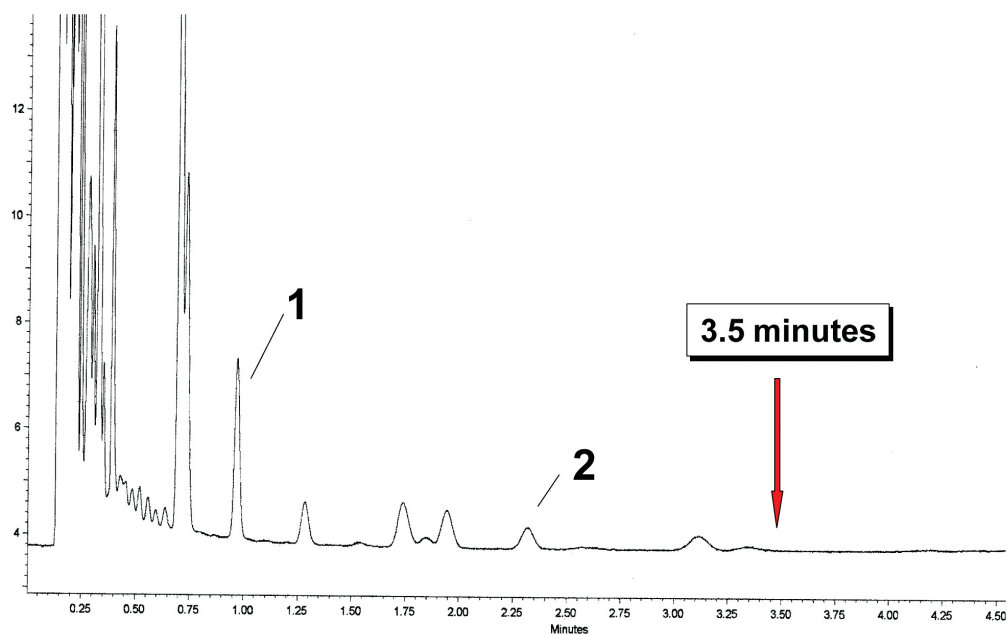
Conditions

Technique : GC-capillary
Column : Agilent Lowox, 0.53mm x 10 m fused silica
(Part No. CP8587)
Temperature : 110 °C
Carrier Gas : He, 15 mL/min
Injector : Split, 50 mL/min,
Detector : FID, T= 250 °C
Sample Size : 250 µL
Concentration : MES and THT 5 ppm in natural gas

Courtesy : J. Kuipers and N. Reuter,
Agilent application laboratory,
Middelburg,
The Netherlands

Peak identification

1. MES methyl ethyl sulfide
2. THT tetrahydrothiophene



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This information is subject to change without notice.

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