



# Sulfur odorants in natural gas

## Application Note

Energy & Fuels

### Authors

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### Introduction

Fast GC analysis of THT and TBM in natural gas in under two minutes using an Agilent Lowox column.



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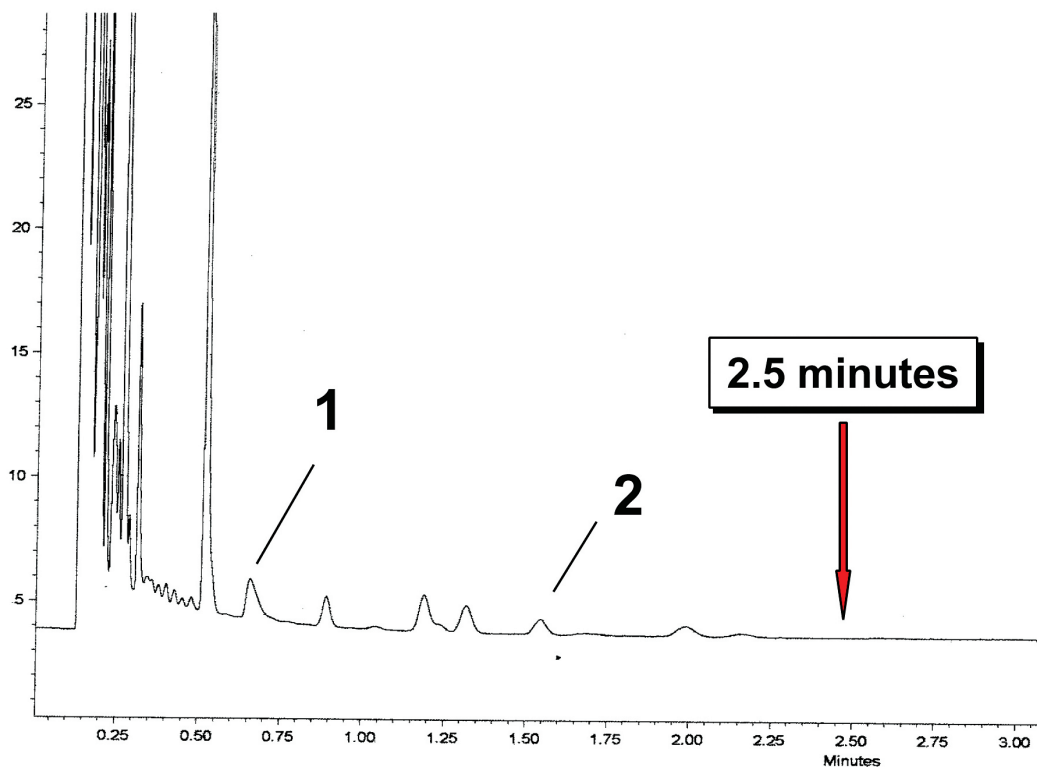
## Conditions

Technique : GC-capillary  
Column : Agilent Lowox, 0.53mm x 10 m fused silica  
(Part no. CP8587)  
Temperature : 120 °C  
Carrier Gas : He, 15 mL/min  
Injector : Split, 50 mL/min,  
Detector : FID, T = 250°C  
Sample Size : 250 µL  
Concentration : TBM and THT 5 ppm in natural gas

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

## Peak identification

1. TBM tributyl mercaptan
2. THT tetrahydrothiophene



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This information is subject to change without notice.

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