



# Halogenated hydrocarbons

## Analysis of dibromomethane in methane

### Application Note

Materials Testing & Research

#### Authors

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#### Introduction

Gas chromatography with an Agilent PoraPLOT Q column module and Agilent 490 Micro GC separates dibromomethane in methane in 240 seconds.



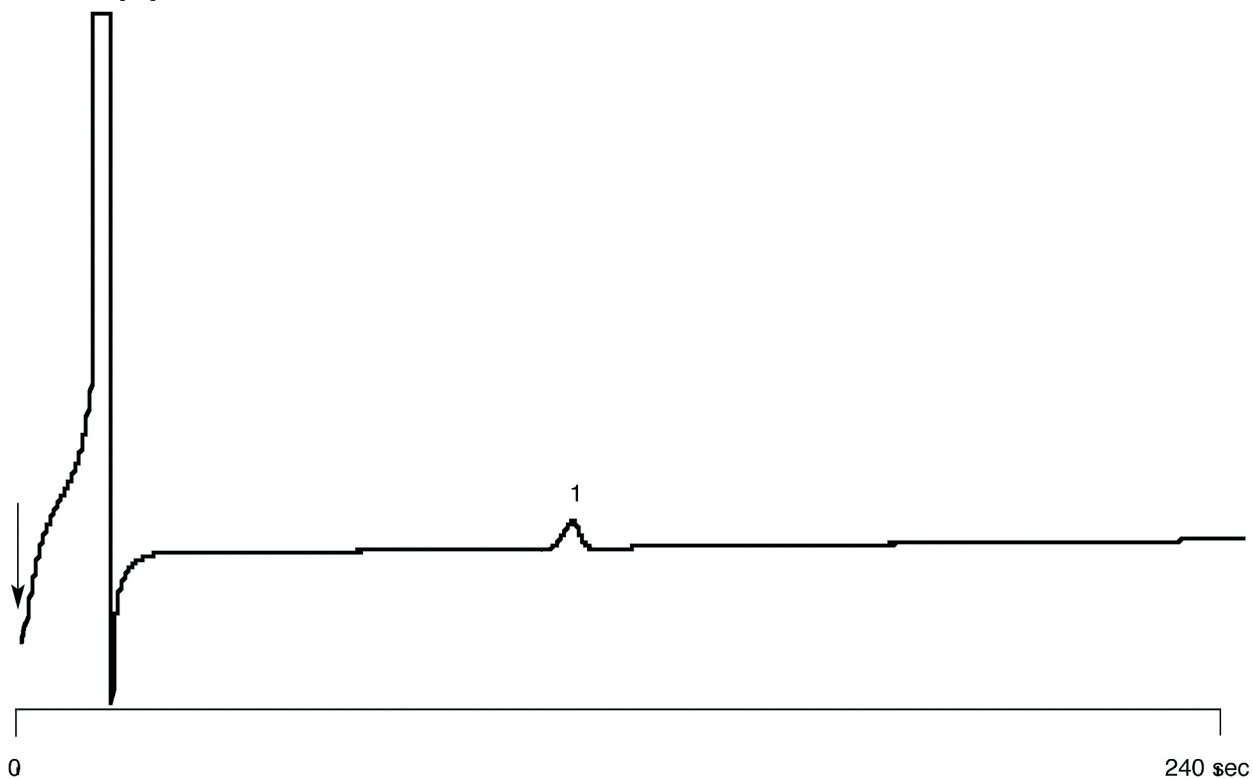
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## Conditions

Technique : Micro-GC  
Column : Agilent PoraPLOT Q, 0.32 mm x 10 m fused silica  
PLOT (df = 10  $\mu$ m)  
Temperature : 160 °C  
Carrier Gas : He, 200 kPa (2 bar, 28 psi)  
Pressure Program : none  
Heated Injector : no  
Injection Time : 255 msec  
Concentration Range : high  
Matrix : CH<sub>4</sub>

## Peak identification

1. dibromomethane (CH<sub>2</sub>BR<sub>2</sub>) 50 ppm



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This information is subject to change without notice.

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