

## Gases

Analysis of  $PH_3$  and  $AsH_3$  in  $C_1$ - $C_3$  hydrocarbons

## **Application Note**

Environmental

## Authors

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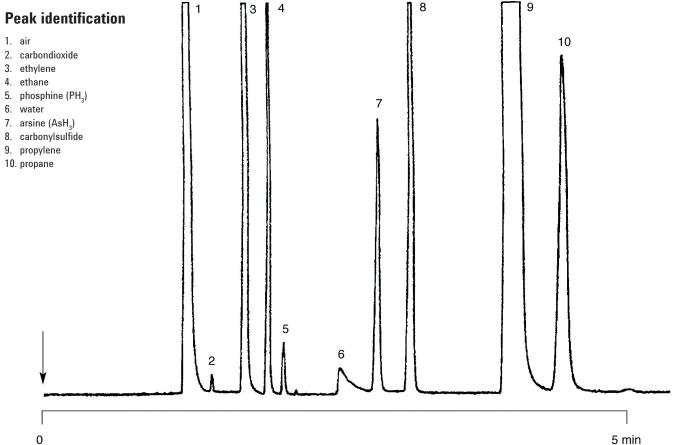
## Introduction

Gas chromatography using an Agilent PoraPLOT Q column analyzes components in  $C_1 - C_3$  hydrocarbons, including phosphine and arsine, in less than five minutes.



## Conditions

Technique	: GC-wide-bore
Column	: Agilent PoraPLOT Q, 0.53 mm x 25 m fused silica PLOT (df = 20 $\mu m)~$ (Part no. CP7554)
Temperature	: 80 °C
Carrier Gas	:He, 25 kPa (0.25 bar, 3.3 psi)
Injector	: Split, T = 150 °C
Detector	: μ-TCD T = 110 °C
Sample Size	: 20 μL



### 5 min

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