



# **Nitrogen gases**

## **Analysis of cyanogen chloride**

### **Application Note**

Environmental

#### **Authors**

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#### **Introduction**

Gas chromatography with an Agilent PoraPLOT Q column module and Agilent 490 Micro GC separates cyanogen chloride in air in 55 seconds.



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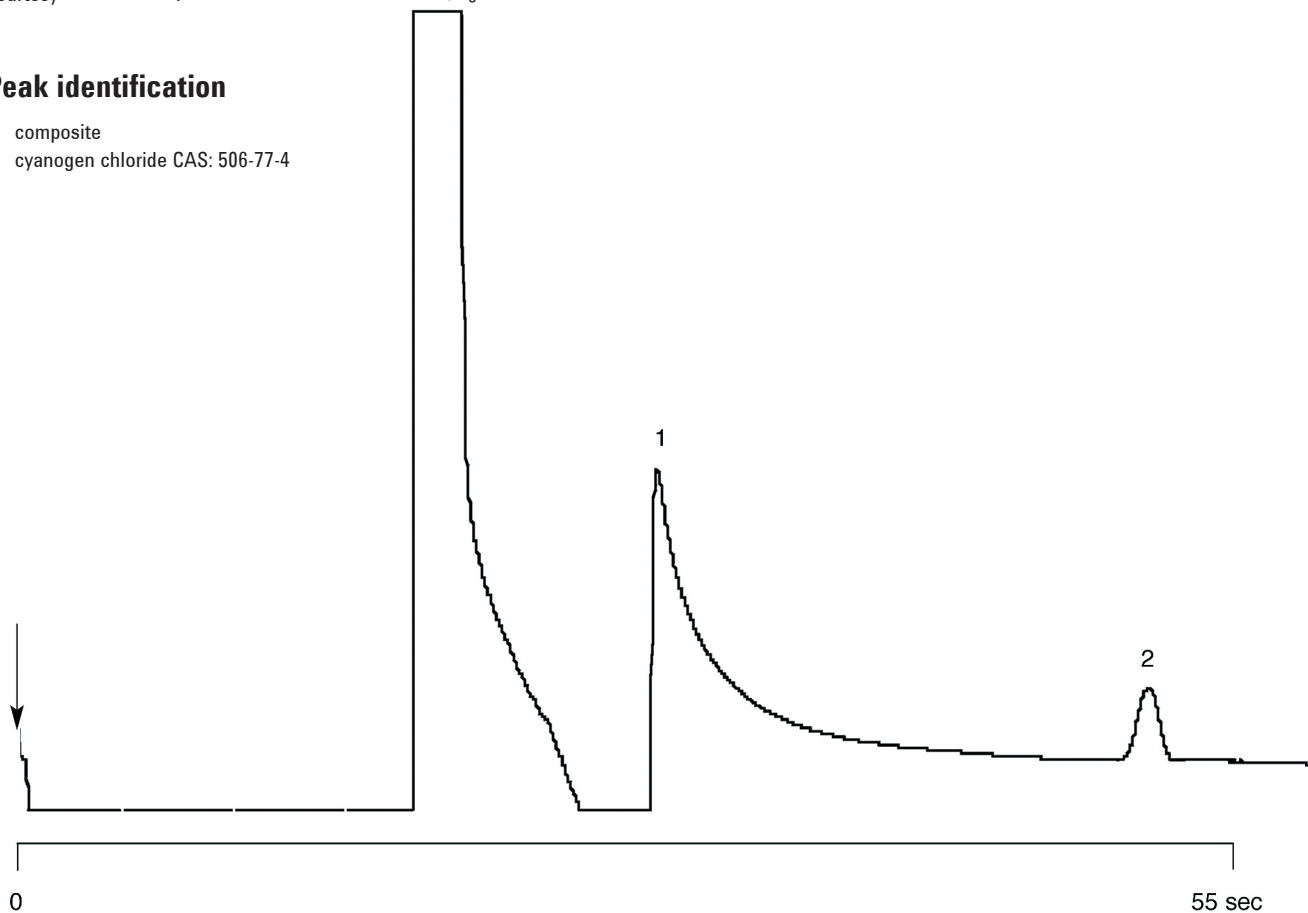
## Conditions

Technique : Micro-GC  
Column : Agilent PoraPLOT Q, 0.32 mm x 10 m fused silica  
PLOT (df = 10 µm) (Part no. CP738050)  
Temperature : 120 °C  
Carrier Gas : He, 200 kPa (2 bar, 28 psi)  
Pressure Program : none  
Heated Injector : no  
Injection Time : 255 msec  
Concentration range : 1 to 20 ppm  
Matrix : air

Courtesy : Pascal Vattaire/Jean-Luc Barranca, Agilent France S.A.

## Peak identification

1. composite
2. cyanogen chloride CAS: 506-77-4



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This information is subject to change without notice.

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