



Gases, halogenated hydrocarbons

Analysis of halogenated hydrocarbons in air

Application Note

Environmental

Authors

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Introduction

Gas chromatography with an Agilent PoraPLOT Q column module and Agilent 490 Micro GC separates halogenated hydrocarbons in air in 250 seconds.



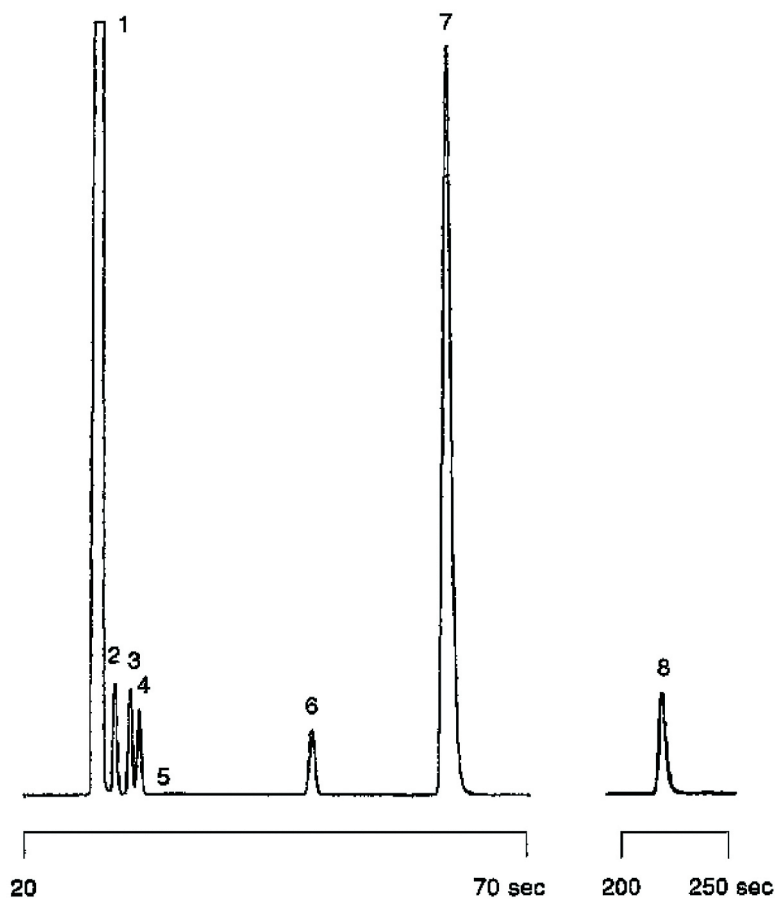
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Conditions

Technique : Micro-GC
Column : Agilent PoraPLOT Q fused silica PLOT
Temperature : 150 °C
Carrier Gas : He, 180 kPa (1.8 bar, 26 psi)
Detector : TCD

Peak identification

1. air (oxygen + nitrogen + carbon monoxide)	94.578%
2. carbon dioxide	0.366%
3. ethylene	0.352%
4. ethane	0.265%
5. water	--
6. vinyl chloride	0.23%
7. chloroethane	3.83%
8. 1,2-dichloroethane	0.201%



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This information is subject to change without notice.

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