Halogenated hydrocarbons, $C_1 – C_2$

Application Note

Environmental

Authors

Agilent Technologies, Inc.

Introduction

Gas chromatography with an Agilent PoraPLOT Q column separates three C_1 to C_2 halogenated hydrocarbons in 60 seconds.

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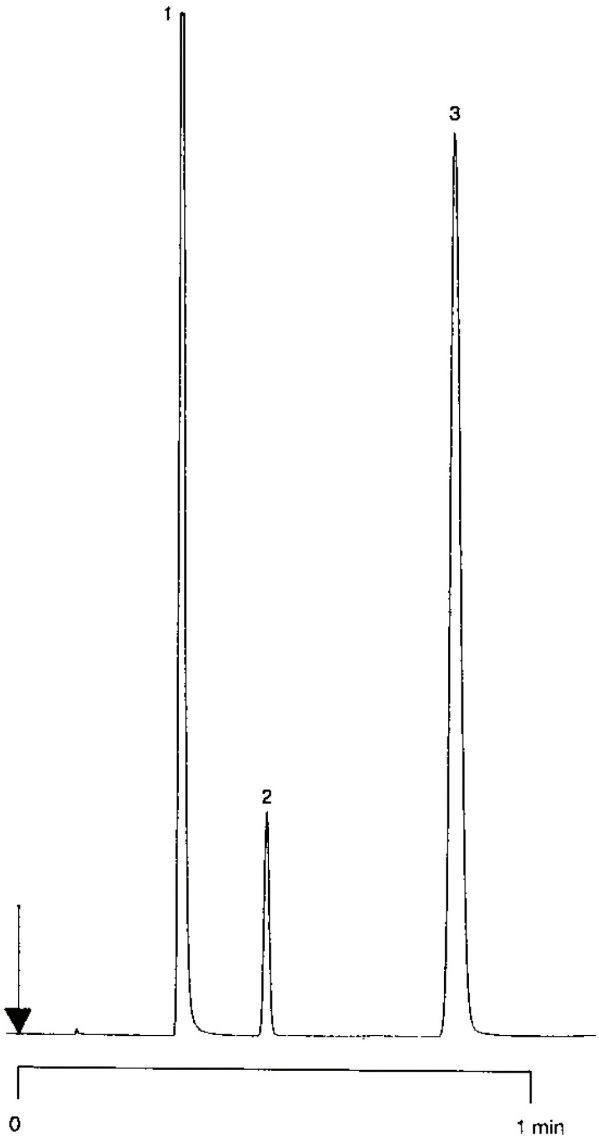
Conditions

Technique	: GC-capillary
Column	: Agilent PoraPLOT Q, 0.53 mm x 25 m fused silica PoraPLOT Q (df = 20µm) (Part no. CP7554)
Temperature	: 90 °C
Carrier Gas	: H_2, (0.4 bar, 6 psi)
Injector	: Direct, 10 µL
Detector	: FID, 256 x 10^{-12} Afs.
Sample	: 1 - 5% in N_2 headspace

Peak identification

1. difluorodichloromethane
2. vinylchloride
3. ethylchloride



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