Trichloroethanol

Determination of trichloroethanol on a wide-bore fused silica capillary column

Application Note

Clinical Research

Authors

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Introduction

Gas chromatography using an Agilent CP-Wax 57 CB column determines trichloroethanol in two minutes.

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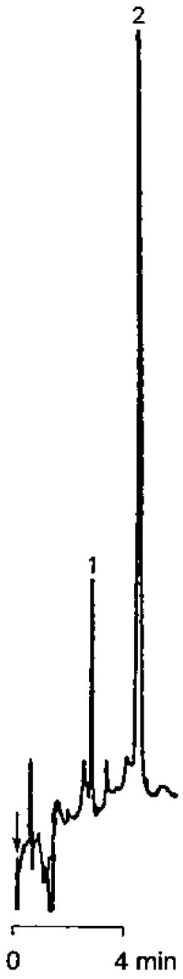
Conditions

Technique	:	GC-capillary
Column	:	Agilent CP-Wax 57 CB, 0.53 mm x 3 m fused silica WCOT CP-Wax 57 CB (2.0 µm) (Custom-made)
Temperature	:	60 °C (0.5 min) → 115 °C, 20 °C/min
Carrier Gas	:	H_2, 4 kPa (0.04 bar, 0.6 psi), 58 cm/s
Injector	:	direct
Detector	:	FID
Sample Size	:	2 µL
Courtesy	:	B. van Laar, Lukas Hospital, Apeldoom (NL)

Peak identification

1. trichloroethanol
2. phenol (IS)



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