



Solvents

Separation of low concentrations of methanol and dichloromethane

Application Note

Materials Testing & Research

Authors

Agilent Technologies, Inc.

Introduction

Gas chromatography using an Agilent CP-Wax 57 CB column separates low concentrations of methanol and dichloromethane in acetone in ten minutes.



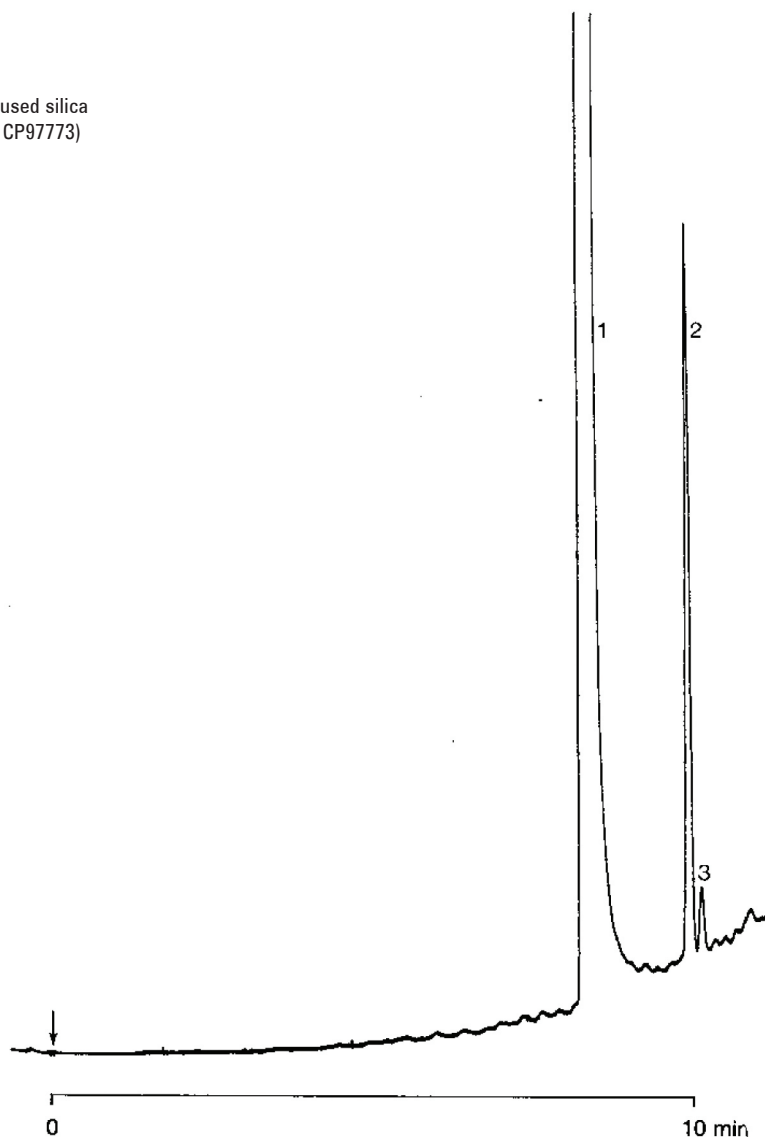
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Conditions

Technique : GC-capillary
Column : Agilent CP-Wax 57 CB, 0.32 mm x 50 m fused silica
WCOT CP-Wax 57 CB (1.2 μ m) (Part no. CP97773)
Temperature : 40 °C (1 min) \rightarrow 140 °C, 10 °C/min
Carrier Gas : He, 58 kPa (0.58 bar), 18 cm/s
Injector : Splitter, 60 mL/min
Detector : FID, 4×10^{-12} Afs
T = 250 °C
Sample Size : 0.05 μ L
Concentration Range : 0.25 % methanol
0.05 % dichloromethane

Peak identification

1. acetone
2. methanol
3. dichloromethane



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This information is subject to change without notice.

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Printed in the USA

31 October, 2011

First published prior to 11 May, 2010

A00002



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