



Volatile organic acids

Application Note

Materials Testing & Research

Authors

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Introduction

Acids can be analyzed on thick-film non-polar phases such as Agilent CP-Sil 5 CB.



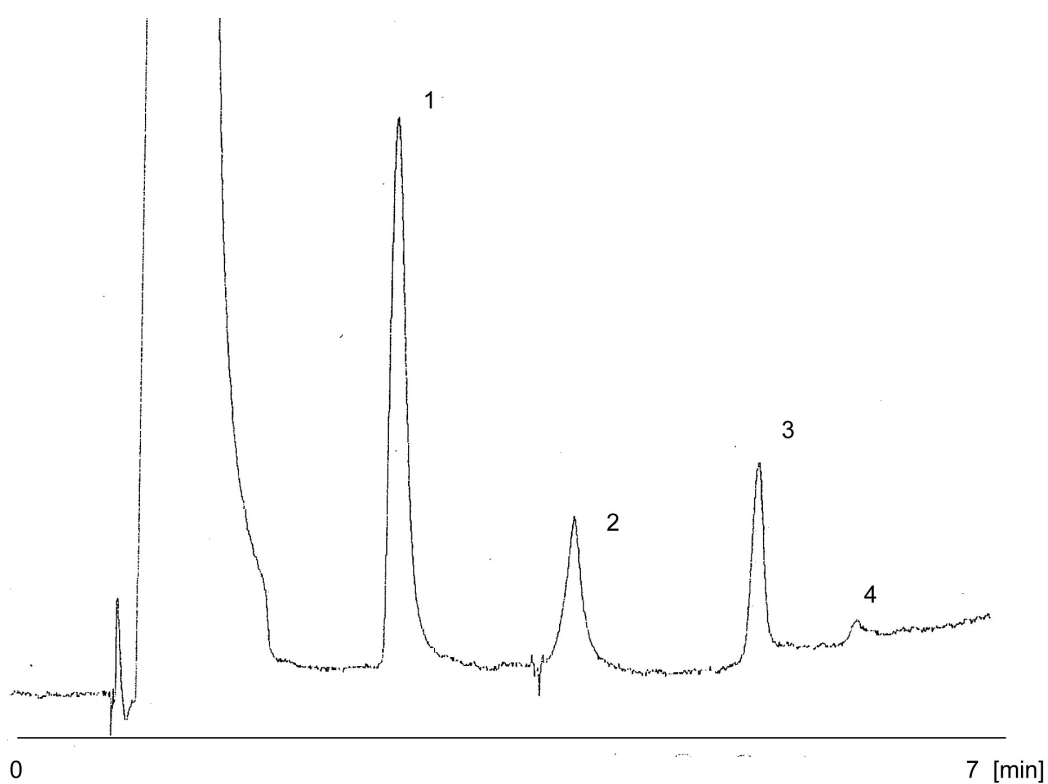
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Conditions

Technique : GC
Column : Agilent CP-Sil 5 CB, 0.53mm x 25 m fused silica
(df = 5.0 μ m) (Part no. CP7675)
Temperature : 40 °C (6 min), 10 °C/min \rightarrow 200 °C
Injection : Split, 1:40, T = 225 °C
Detection : TCD
Carrier Gas : N₂, 5.0 mL/min
Injection Vol. : 0.2 μ L
Sample Solvent : water

Peak identification

1. formic acid
2. acetic acid
3. propionic acid
4. iso butyric acid



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This information is subject to change without notice.

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