

Residual solvents

Application Note

Materials Testing & Research

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Introduction

Gas chromatography with an Agilent FactorFour VF-624ms GC column resolves residual solvents in 12 minutes.



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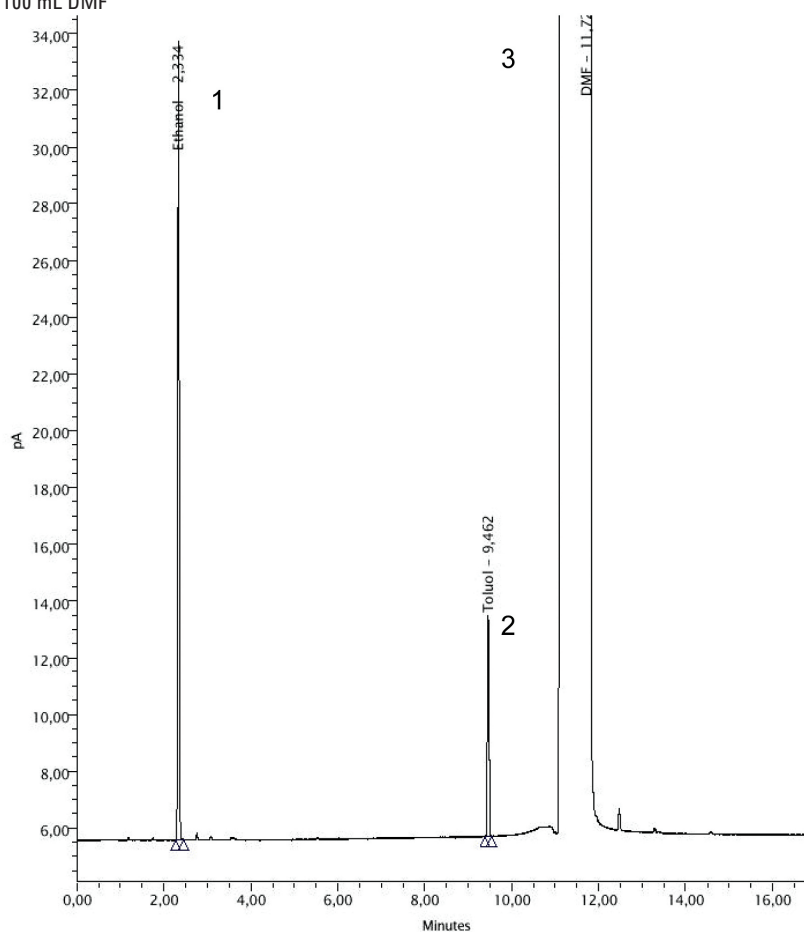
Conditions

Technique : GC-Capillary
Column : Agilent FactorFour VF-624ms, 0.32 mm x 30 m fused silica (df = 1.8 μ m) (Part no. CP9104)
Temperature : 40 °C (4min), 10 °C/min \rightarrow 120 °C
Carrier gas : Helium, ca.45 kPa
Injection : Split , 50 ml/min, 1 μ L,
T = 180 °C
Detector : FID
T = 200 °C

Sample Concentration : 12.7 μ L ethanol and 1.7 μ L toluene in 100 mL DMF

Peak identification

1. ethanol
2. toluene
3. DMF



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This information is subject to change without notice.

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