Surfactants

Analysis of Triton X-100

Application Note

Materials Testing & Research

Authors

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Introduction

Gas chromatography with an Agilent CP-SimDist UltiMetal column produces a fingerprint of Triton X-100 derivatized with BSTFA in 35 minutes.

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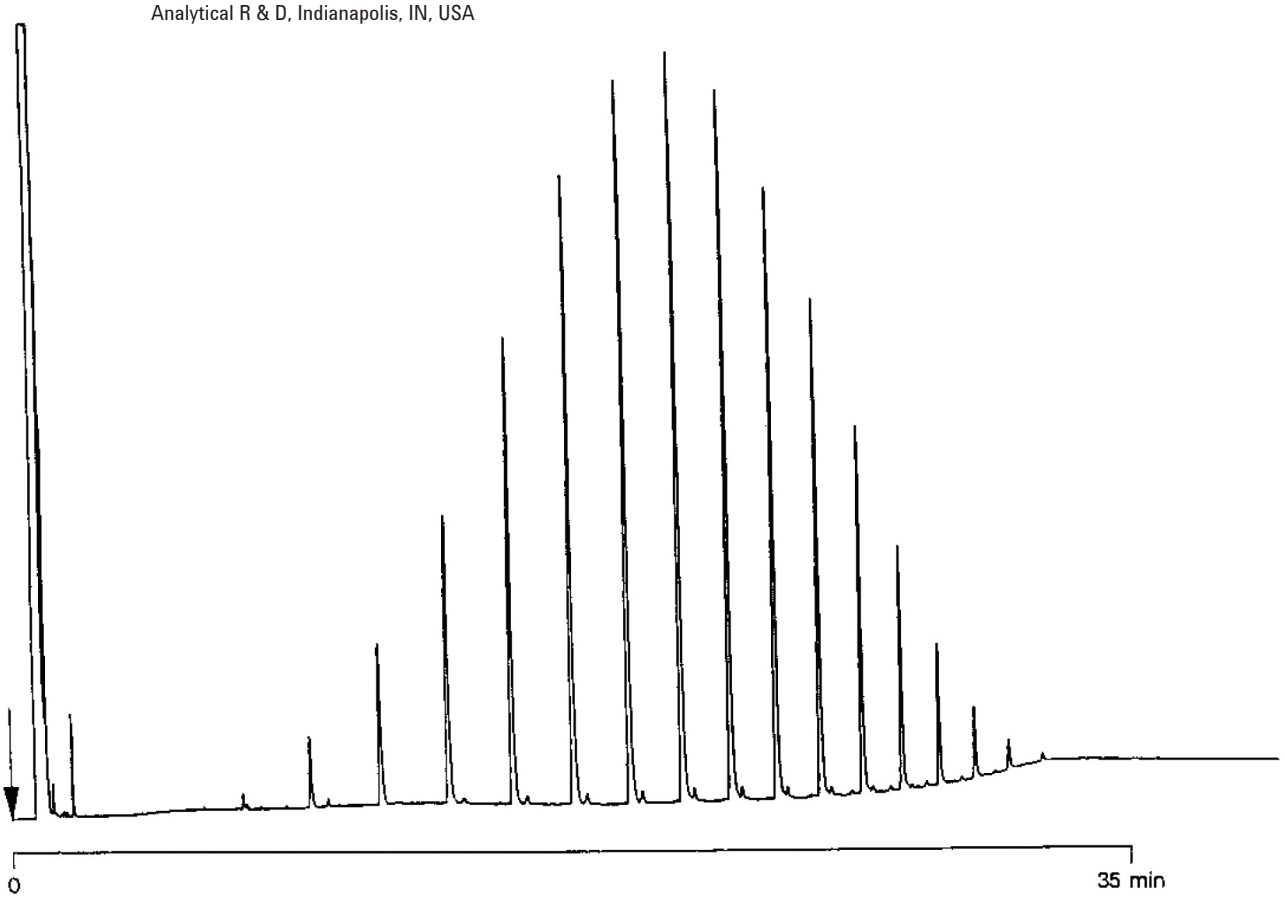
Conditions

Technique	: GC-wide-bore
Column	: Agilent CP-SimDist CB UltiMetal, 0.53 mm x 15 m WCOT CP-SimDist CB UltiMetal (df = 0.15 µm) This column is available under Part no. CP99921
Temperature	: 80 °C → 180 °C, 25 °C/min; 180 °C (13.5 min) → 400 °C, 8 °C/min
Carrier Gas	: He, 35 cm/s
Injector	: cool on-column
Detector	: FID T = 400 °C
Solvent Sample	: toluene

Courtesy : Jerry Telford, Boehringer Mannheim,
Analytical R & D, Indianapolis, IN, USA



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