Esters
Analysis of adipic ester

Application Note

Environmental

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Introduction
GC/MS of an adipic ester is achieved in 20 minutes with an Agilent CP-Sil 8 CB Low Bleed/MS column.
**Conditions**

Technique: GC-capillary

Column: Agilent CP-Sil 8 CB Low Bleed/MS, 0.25 mm x 30 m fused silica WCOT (df = 0.25 μm) (Part no. CP5860)

Temperature: 50 °C (1 min) → 260 °C, 10 °C/min

Carrier Gas: He, 75 kPa (0.75 bar, 11 psi)

Injector: Splitless, 1 min

T = 250 °C

Detector: MSD, TIC

T = 230 °C

Sample Size: 1 μL

Solvent Sample: hexane

**Peak identification**

1. fluoranthene-D102
2. adipic acid (2-ethylhexyl) ester

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**Note:**

This information is subject to change without notice.

© Agilent Technologies, Inc. 2011
Printed in the USA
31 October, 2011
First published prior to 11 May, 2010
A01653

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