



# **Esters**

## Analysis of adipic ester

### Application Note

Environmental

#### **Authors**

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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.



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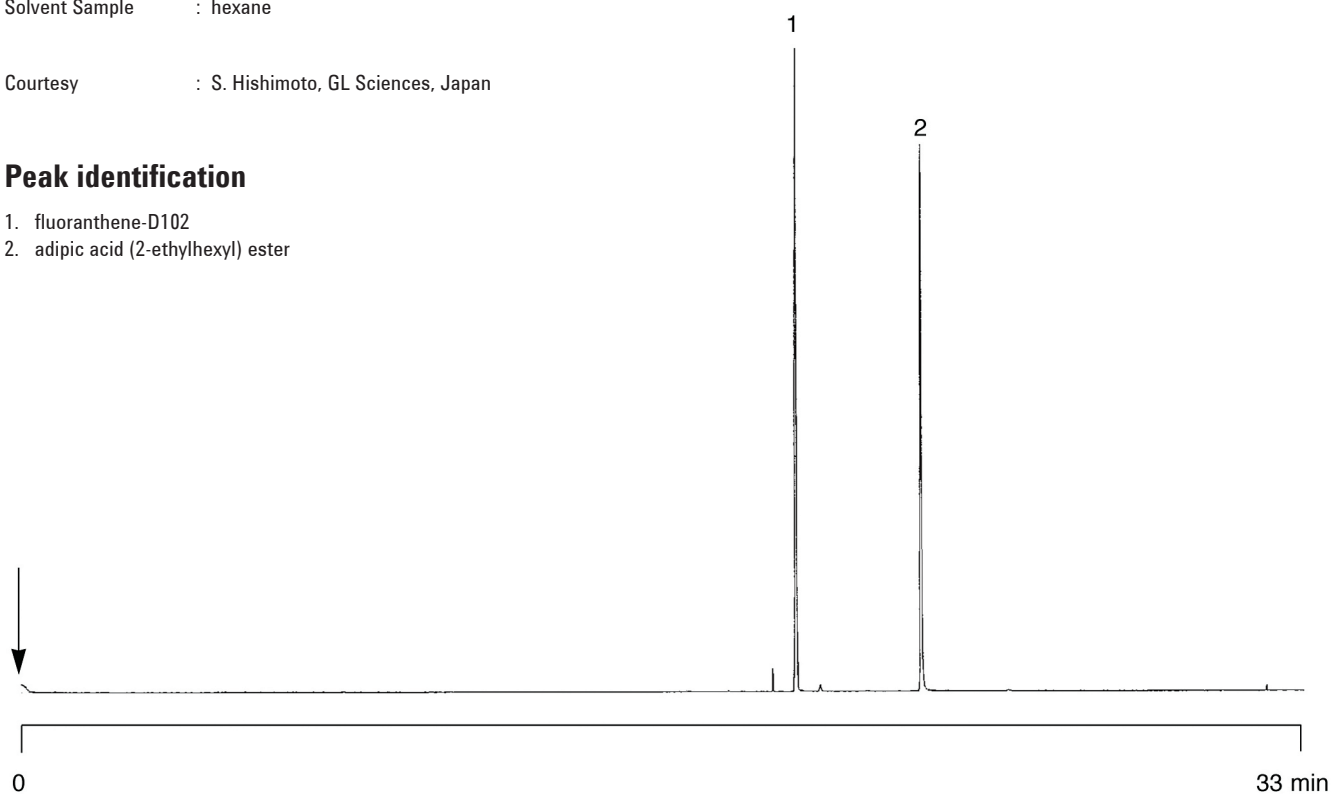
## Conditions

Technique : GC-capillary  
Column : Agilent CP-Sil 8 CB Low Bleed/MS, 0.25 mm x 30 m  
fused silica WCOT (df = 0.25  $\mu$ m) (Part no. CP5860)  
Temperature : 50 °C (1 min)  $\rightarrow$  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  $\mu$ L  
Solvent Sample : hexane

Courtesy : S. Hishimoto, GL Sciences, Japan

## Peak identification

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



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This information is subject to change without notice.

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