

## Mineral oil in soil

Fast analysis of C<sub>12</sub> - C<sub>22</sub> mineral oil in soil

### Application Note

Environmental

#### Authors

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#### Introduction

GC analysis of mineral oil in soil is accomplished in three minutes with an Agilent Select Mineral Oil column, allowing determination of C<sub>10</sub> to C<sub>40</sub>.

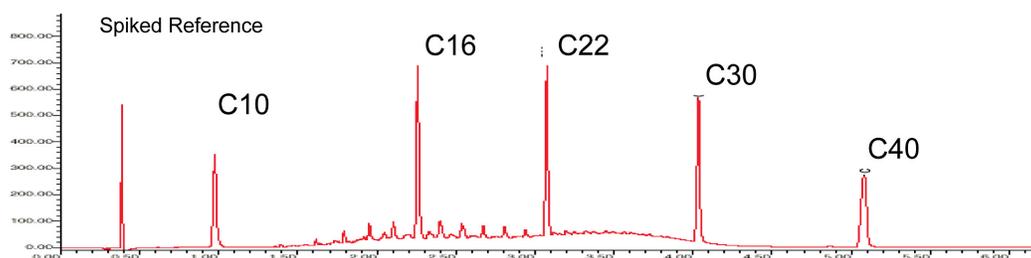
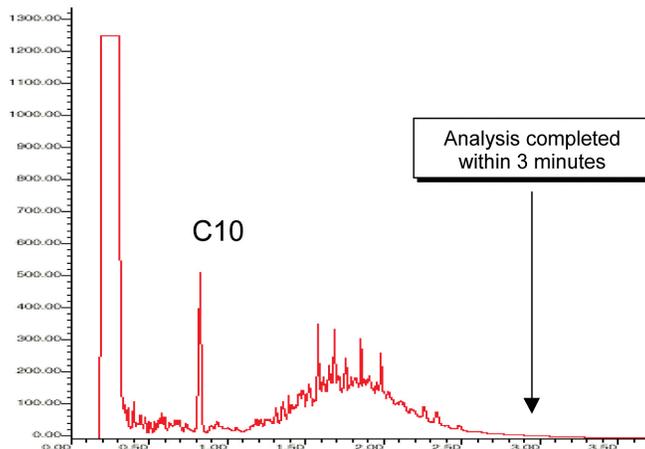


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## Conditions

Technique : GC  
Column : Agilent Select Mineral Oil, 0.32 mm x 15 m fused silica (optimized filmthickness) (Part no. CP7491)  
Temperature : 55 °C → 320 °C, ballistic temperature program  
Carrier Gas : Helium, 70 kPa  
Injector : On-column  
Detector : FID  
Sample Size : 1.0 µL  
Concentration Range : real sample, conc. > 400 mg/L

Courtesy : J. Volkers and J. de Smit, Analytico, Barneveld, The Netherlands



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