



## Mineral oil in soil

# Fast analysis of motor oil as mineral oil in soil

## Application Note

Environmental

### Authors

Agilent Technologies, Inc.

### Introduction

For soil analysis, an on-column method was developed allowing  $C_{10}$  to  $C_{40}$  to be determined in less than five minutes using the Agilent Select Mineral Oil column.

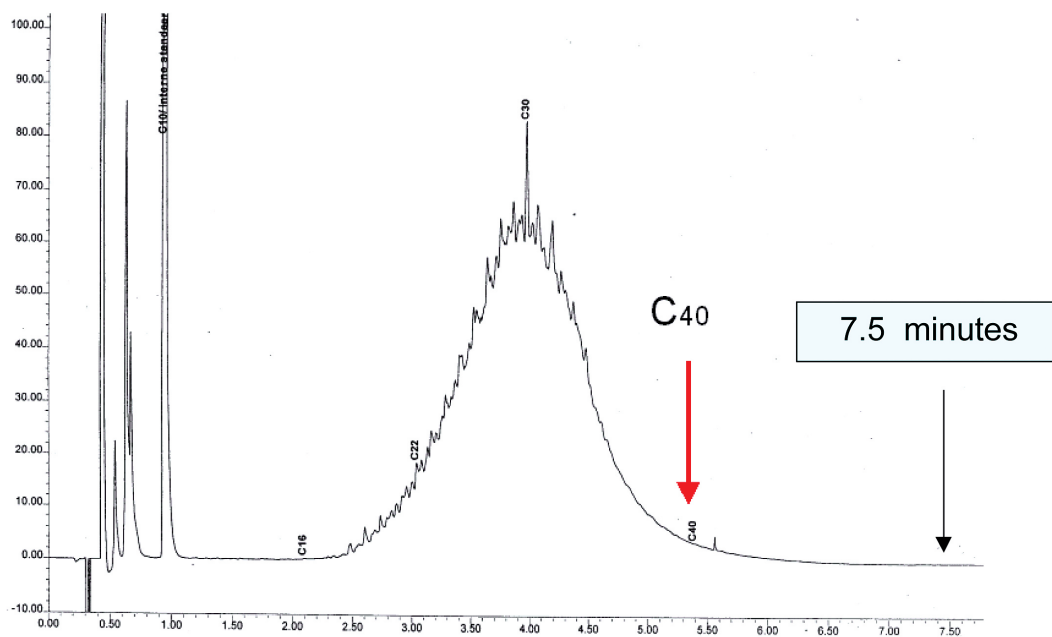


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## Conditions

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 : Motor-oil contaminated soil

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



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This information is subject to change without notice.

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