



Mineral oil in soil

Fast analysis of C18 - C50 mineral oil in soil

Application Note

Environmental

Authors

Agilent Technologies, Inc.

Introduction

GC analysis of mineral oil in soil is accomplished in six minutes with an Agilent Select Mineral Oil column, allowing determination of C₁₀ to C₅₀.

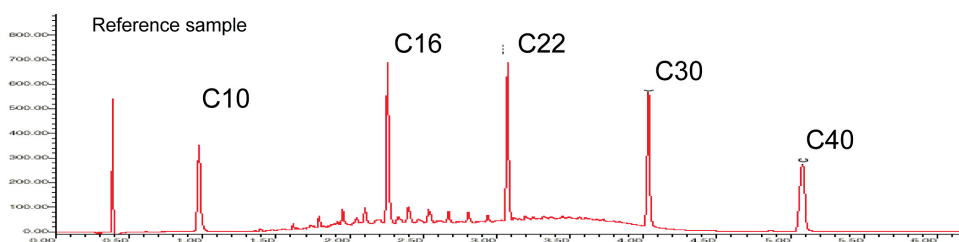
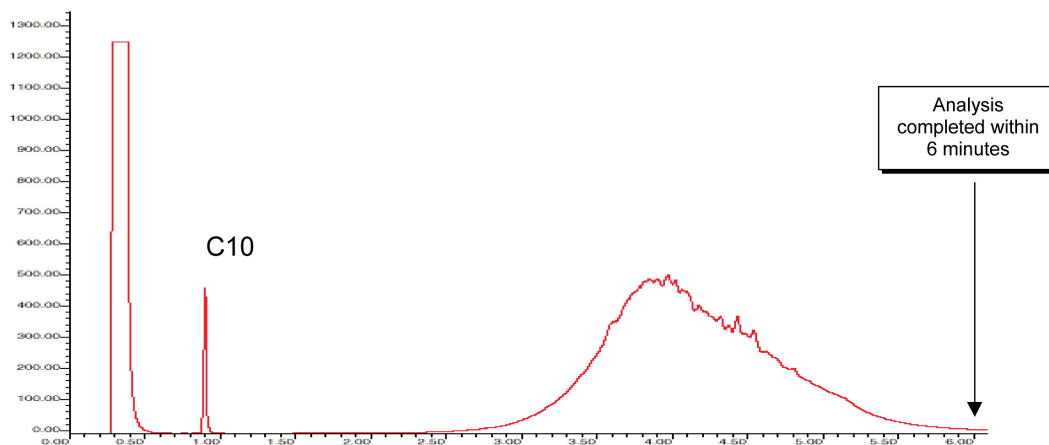


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Conditions

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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