

Mineral oil in soil

Fast analysis of gasoline as mineral oil in soil

Application Note

Environmental

Authors

Agilent Technologies, Inc.

Introduction

An on-column method was developed for GC analysis of mineral oil in soil, allowing C_{10} to C_{40} to be determined in less than three minutes using the Agilent Select Mineral Oil column.

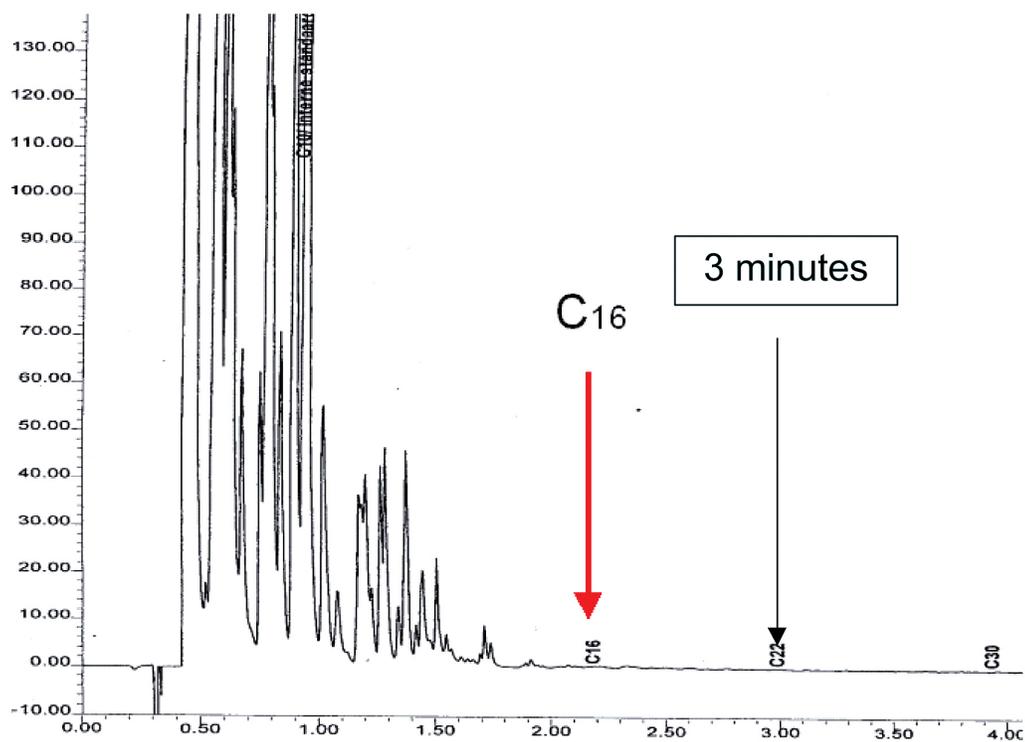


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Conditions

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 : Gasoline 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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