Mineral oil in soil
Fast analysis of diesel as mineral oil in soil

Application Note

Environmental

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Introduction
GC analysis of mineral oil in soil is accomplished in less than three minutes using the Agilent Select Mineral Oil column, allowing determination of C_{10} to C_{40}.
Conditions

Technique: GC
Column: Agilent Select Mineral Oil, 0.32 mm x 15 m fused silica (optimized film thickness) (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: Diesel contaminated soil

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

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