

CoreFocus
Report
No.465

GC

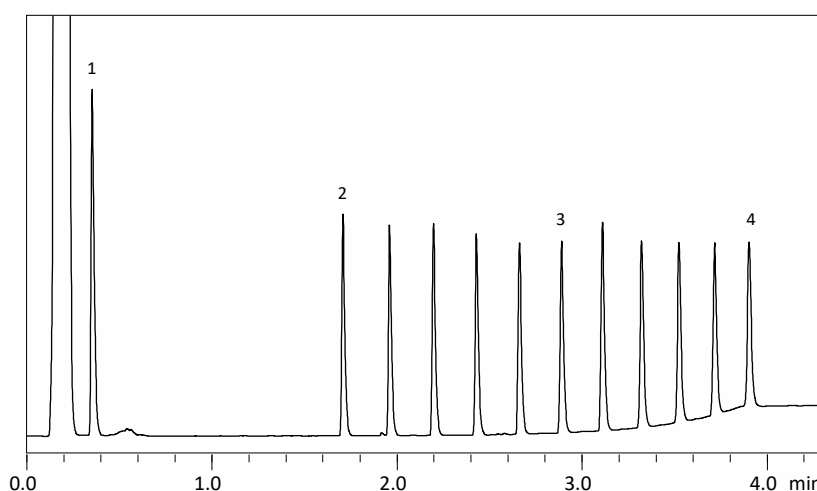
FID

SH Series

SH-I-1MS

Analysis of Total Petroleum Hydrocarbons

Keywords: ISO 9377-2-2000, TPH, Hydrogen carrier gas



1. C10
2. C20
3. C30
4. C40

Model	: Nexis™ GC-2030 (230 V) / AOC-30i x 2 (Dual Injection)
Ion Source Temperature	: 280°C
Injection Method	: Split
Split Ratio	: 1 : 5
Carrier Gas	: H ₂
Carrier Gas Control	: Column Flowrate (7.00 mL/min)
Column	: SH-I-1MS (12 m × 0.2 mm I.D. 0.33 μm), P/N : 227-36004-03
Column Temperature	: 100 °C (0.3 min) - 90 °C/min - 175 °C - 70 °C/min - 250 °C - 55 °C/min - 340 °C (0.5 min)
Detector	: FID
Detector Temperature	: 350°C
Detector Gas	: H ₂ 32 mL/min, Air 200 mL/min
Makeup Gas	: N ₂ 24 mL/min

Source : Application News 01-00355 ([JP](#), [ENG](#))

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