

CoreFocus
Report
No. 470

GC

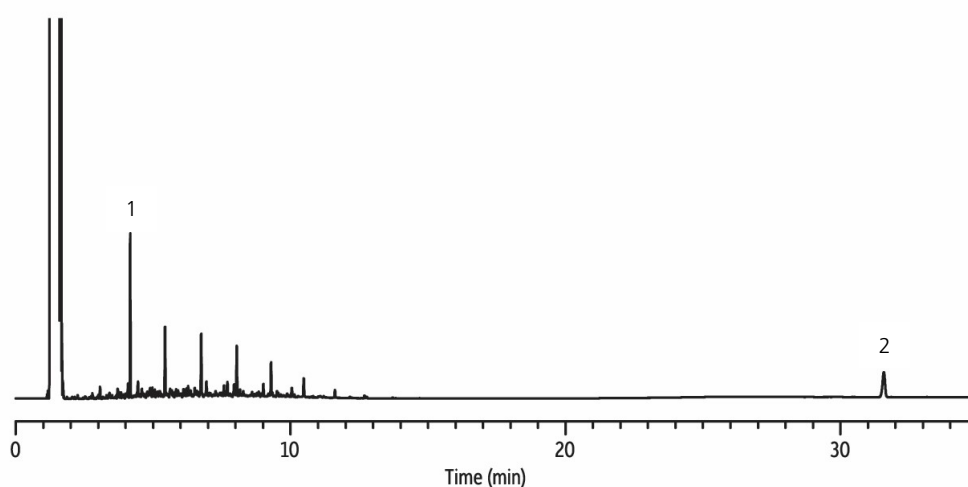
FID

SH Series

SH-I-5HT

Analysis of Kerosene

Keywords: petrochemical, high-temperature resistant column



1. C10
2. C40

Instrument	: GC
Column	: SH-I-5HT (30 m x 0.32 mm I.D. df = 0.25 µm), P/N: 227-36094-01
Guard column	: SH-I Guard Column (5 m x 0.53 mm I.D.), P/N: 227-36307-01
Column temp.	: 50 °C - 10 °C/min - 300 °C (20 min)
Inj. vol.	: 1 µL cold on column
Inj. temp. program	: 53 °C - 10 °C/min - 300 °C (20 min)
Carrier gas	: H ₂ , 40 cm/s constant linear velocity at 50 °C
Dead time	: 1.25 min at 50 °C
Detector	: FID at 330 °C
Make-up gas	: N ₂ , 30 mL/min
Data rate	: 20 Hz

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