GC Application ID No.: **16503**



Sulfur Components in Fuel on ZB-1MS

Zebron™ ZB-1MS, GC Cap. Column 30 m x 0.32 mm x 1.00 μm, Ea Column:

Phase: 100% Dimethylpolysiloxane **Dimensions:** 30 meters x 0.32 mm x 1 μm

Order No: 7HM-G011-22

Oven Profile: 40 °C for 1 min to 300 °C @ 10 °C/min for 3 min

Carrier Gas: Constant Flow Helium, 2 mL/min

Injection: Split 10:1 1 µL @ 270°C **Detection:** Sulfur (SCD) (320°C)

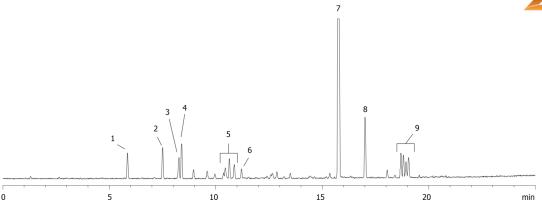
Analyst Note: California Phase II Reference Fuel - 30 mg/kg total sulfur

16503



Products used in this application:





ANALYTES:

- Thiophene 1
- 2 Dimethyldisulfide
- 2-Methyl-thiophene
- 3-Methyl-thiophene
- 5 C2-Thiophenes
- Diethylsulfide
- 7 Dibutyl sulfide
- 8 Benzothiophene
- C1-Benzothiophenes

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