

Sulfur Components in Fuel on ZB-1

Column: Zebtron[™] ZB-1, GC Cap. Column 30 m x 0.32 mm x 3.00 µm, Ea

Phase: 100% Dimethylpolysiloxane

Dimensions: 30 meters x 0.32 mm x 3 µm

Order No: 7HM-G001-36

Oven Profile: 50 °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)

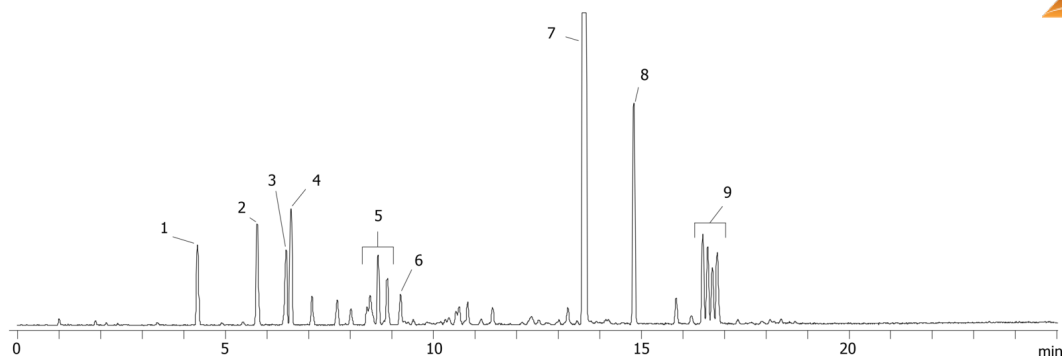
Analyst Note: California Phase II Reference Fuel - 30 mg/kg total sulfur



Products used in this application:



16502



ANALYTES:

- 1 Thiophene
- 2 Dimethyldisulfide
- 3 2-Methyl-thiophene
- 4 3-Methyl-thiophene
- 5 C2-thiophenes
- 6 Diethylsulfide
- 7 Dibutyl sulfide
- 8 Benzothiophene
- 9 C1-Benzothiophenes

