GC Application



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

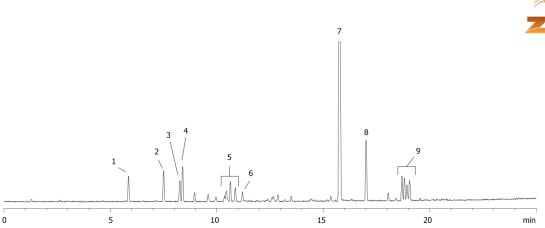
Carrier Gas:	Constant Flow Helium, 2 mL/min
Injection:	Split 10:1 1 µL @ 270°C
Detection:	Sulfur (SCD) (320°C)
Analyst Note:	California Phase II Reference Fuel - 30 mg/kg total sulfur



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Products used in this application:





ANALYTES:

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

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