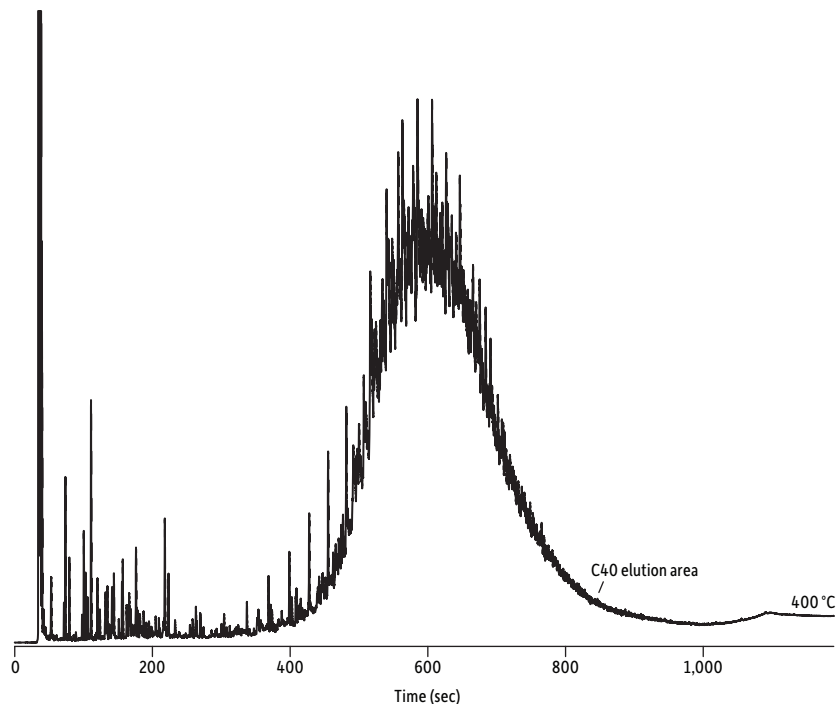


Used Motor Oil Composite Standard on Rxi-1HT (15 m x 0.25 mm x 0.10 µm)



GC_EV1365

Peaks	tr (sec)
1. C40	840.2

Column Rxi-1HT, 15 m, 0.25 mm ID, 0.10 µm (cat.# 13950)
Sample Used motor oil composite standard (cat.# 31465)
Diluent: Methylene chloride
Conc.: 50,000 ng/µL
Injection
 Inj. Vol.: 1 µL split (split ratio 50:1)
 Liner: Premium 4 mm Precision liner w/wool (cat.# 23305)
 Inj. Temp.: 275 °C
 Split Vent
 Flow Rate: 87.5 mL/min
Oven
 Oven Temp.: 40 °C (hold 0.1 min) to 400 °C at 20 °C/min (hold 1.9 min)
Carrier Gas
 Flow Rate: H₂, constant flow
 1.75 mL/min
Detector FID @ 420 °C
 Constant Column +
 Constant Make-up: 50 mL/min
 Make-up Gas Type: N₂
 Hydrogen flow: 40 mL/min
 Air flow: 450 mL/min
 Data Rate: 20 Hz
Instrument Agilent/HP6890 GC
Notes Actual column length was calculated to be 15.7 m using holdup time and EZGC flow calculator (<http://www.restek.com/ezgc-mtfc>).