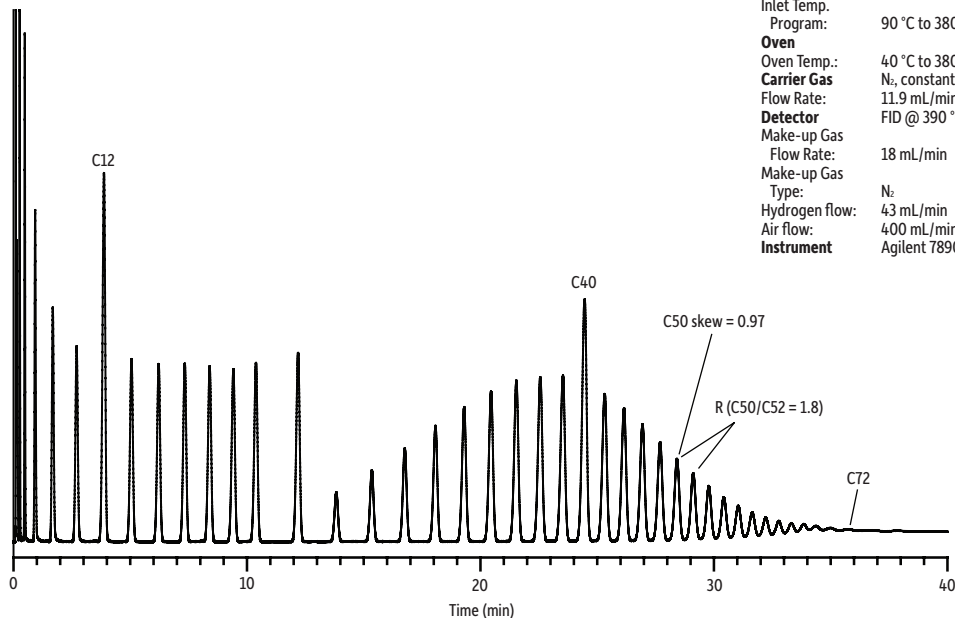


Simulated Distillation on MXT-1HT SimDist by ASTM D7213 Using Nitrogen Carrier Gas



GC_PC1286

Column MXT-1HT SimDist, 5 m, 0.53 mm ID, 0.88 μ m (cat.# 70131)
Sample Retention time standard for D7213 (C5-C72), Separation Systems, Inc.
Diluent: Carbon disulfide
Conc.: 1 wt%
Injection
Inj. Vol.: 1 μ L PTV on column
Liner: Premium 1.7 mm ID on-column inlet liner (cat.# 23430)
Inlet Temp.:
Program: 90 °C to 380 °C at 20 °C/min
Oven
Oven Temp.: 40 °C to 380 °C at 10 °C/min (hold 10 min)
Carrier Gas N₂, constant flow
Flow Rate: 11.9 mL/min
Detector FID @ 390 °C
Make-up Gas
Flow Rate: 18 mL/min
Make-up Gas
Type: N₂
Hydrogen flow: 43 mL/min
Air flow: 400 mL/min
Instrument Agilent 7890B GC