

Repeatability of MXT®-1HT SimDist for ASTM D7213

Column MXT®-1HT SimDist, 5 m, 0.53 mm ID, 0.88 µm (cat.# 70131)
Sample Retention time standard for D7213 (C5-C72), Separation Systems, Inc.
Diluent: Carbon disulfide
Conc.: 1 wt%
Injection PTV on column
Liner: Premium 1.7 mm ID on-column inlet liner (cat.# 23430.1)
Inlet Temp.
Program: 90 °C to 380 °C at 20 °C/min
Oven
Oven Temp.: 40 °C to 380 °C at 16.9 °C/min (hold 5 min)
Carrier Gas H₂, constant flow
Flow Rate: 20 mL/min
Detector FID @ 390 °C
Make-up Gas
Flow Rate: 25 mL/min
Make-up Gas
Type: N₂
Hydrogen flow: 25 mL/min
Air flow: 400 mL/min
Instrument Agilent 7890B GC

