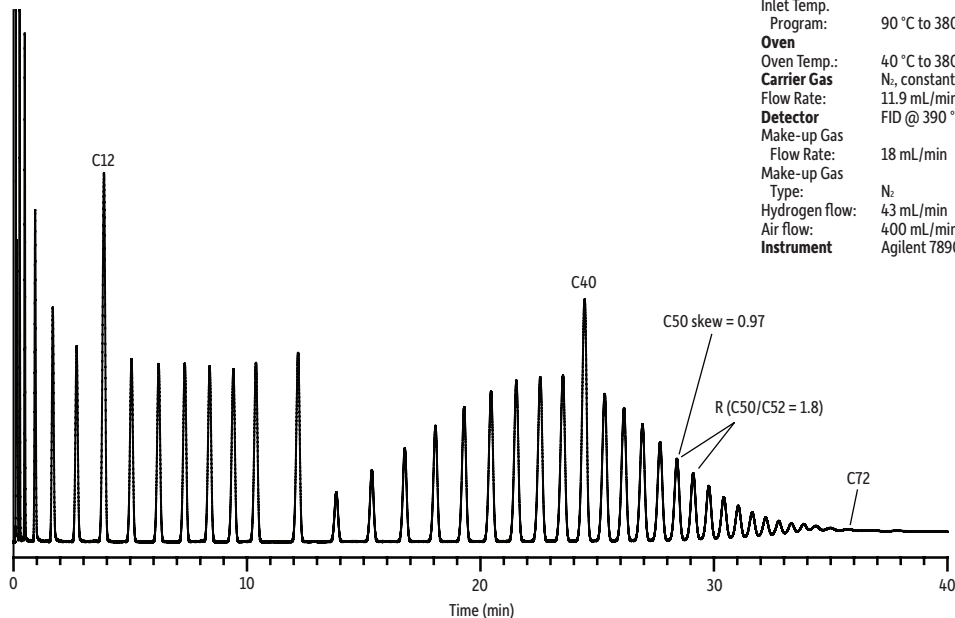


Simulated Distillation on MXT®-1HT SimDist by ASTM D7213 Using Nitrogen Carrier Gas



GC_PC1286

Column	MXT®-1HT SimDist, 5 m, 0.53 mm ID, 0.88 µm (cat.# 70131)
Sample	Retention time standard for D7213 (C5-C72), Separation Systems, Inc.
Diluent:	Carbon disulfide
Conc.:	1 wt%
Injection	
Inj. Vol.:	1 µL 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 10 °C/min (hold 10 min)
Carrier Gas	N ₂ , constant flow
Flow Rate:	11.9 mL/min
Detector	FID @ 390 °C
Make-up Gas	
Flow Rate:	18 mL/min
Make-up Gas	
Type:	N ₂
Hydrogen flow:	43 mL/min
Air flow:	400 mL/min
Instrument	Agilent 7890B GC