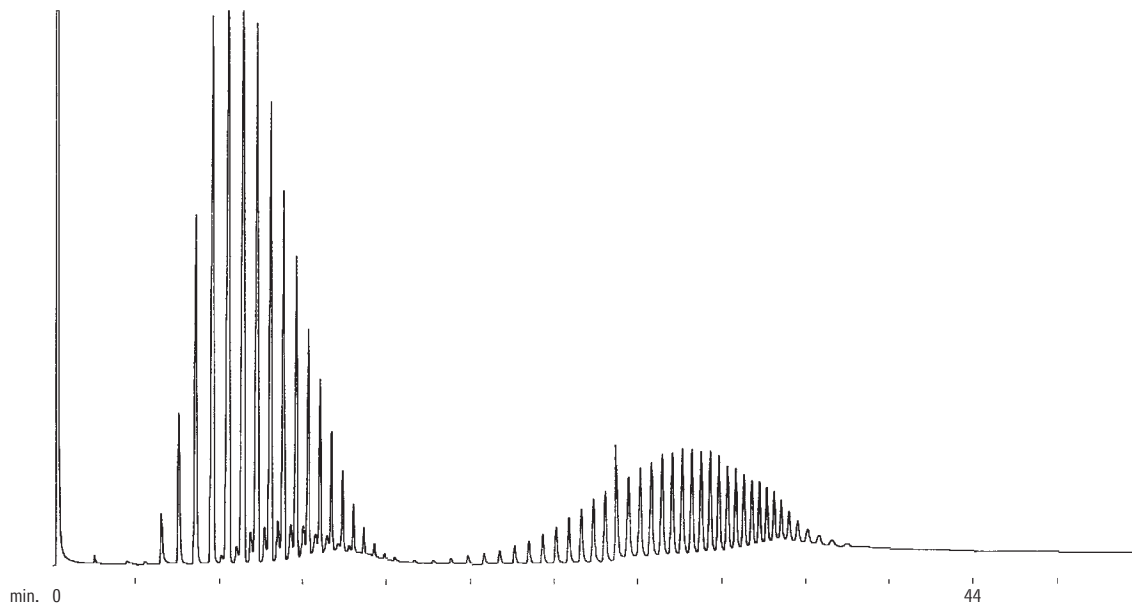


Hydrocarbons (High Temperature Petroleum Wax)

MXT®-1

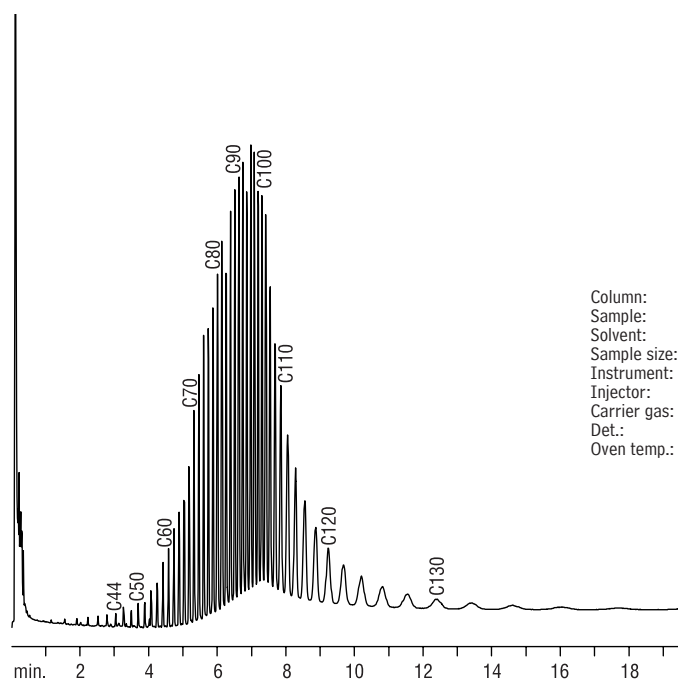


GC_PC00223

Column: MXT®-1, 15m, 0.53mm ID, 0.20 μ m (cat.# 70108)
 Sample: 1.0 μ L on-column injection of paraffin wax in methylene chloride
 Oven temp.: 100°C to 400°C @ 10°C/min. (hold 20 min.)
 Inj./det. temp.: 103°C/430°C
 Injector type: HP cool on-column pressure programmable
 Carrier gas: hydrogen
 Linear velocity: 30cm/sec.
 FID sensitivity: 2.56 x 10⁻¹¹ AFS

Hydrocarbons (C44-C130)

MXT®-1HT Sim Dist



GC_PC00543

Column: MXT®-1HT Sim Dist, 5m, 0.53mm ID, 0.10 μ m (cat.# 70100)
 Sample: Polywax® 1000 (cat.# 36227)
 Solvent: carbon disulfide
 Sample size: 0.2 μ L
 Instrument: Agilent 5890 GC w/GC Racer
 Injector: on-column (track oven)
 Carrier gas: hydrogen, constant pressure (1.0psi)
 Det.: FID @ 430°C
 Oven temp.: 40°C to 430°C @ 60°C/min. (hold 30 min.)