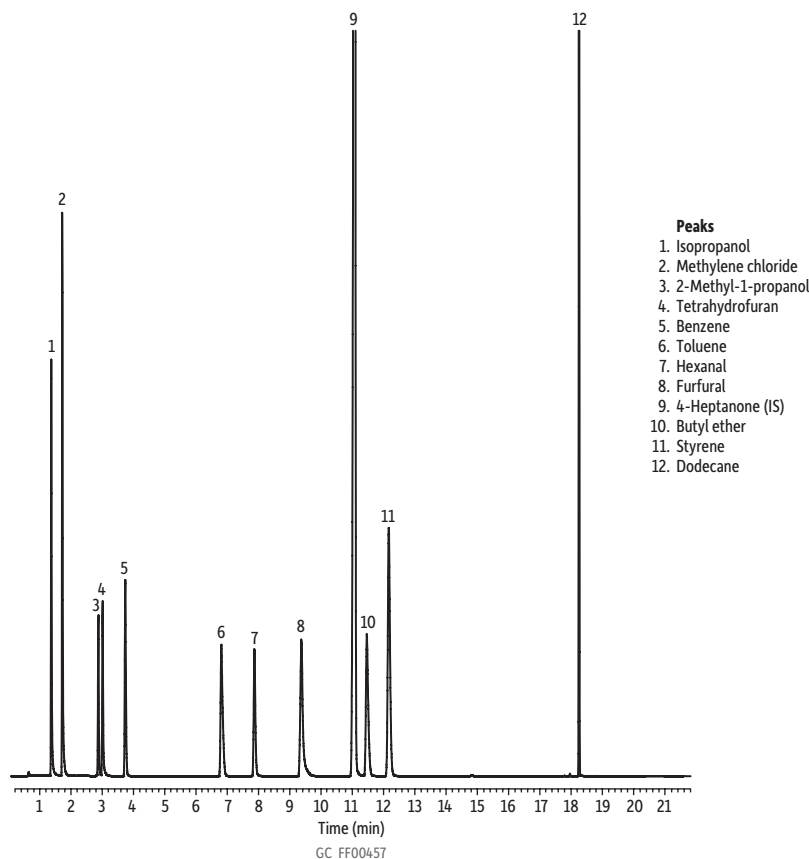


Food Packaging Volatiles on Rtx-5MS



Column Rtx-5MS, 30 m, 0.25 mm ID, 1.00 μ m (cat.# 12653)
Injection purge and trap split (split ratio 20:1)
Liner: 1 mm ID
Inj. Temp.: 250 °C
Purge and Trap
Instrument: Tekmar LSC-3100 purge & trap
Trap Type: Vocarb 3000, type K
Purge: 10 min @ 60 °C, flow 40 mL/min
Dry Purge: 3 min, flow 40 mL/min
Desorb Preheat Temp.: 220 °C
Desorb: 2 min @ 245 °C, flow 40 mL/min
Bake: 6 min @ 230 °C
Interface Connection: injection port
Oven
Oven Temp.: 50 °C to 92 °C at 3 °C/min to 220 °C at 20 °C/min (hold 1 min)
Carrier Gas He, constant flow
Flow Rate: 1 mL/min
Linear Velocity: 36 cm/sec
Detector MS
Mode: Scan
Source Temp.: 280 °C
Electron Energy: EI @ 70 eV
Scan Range: 35-260 amu
Instrument HP6890 GC & 5973 MSD