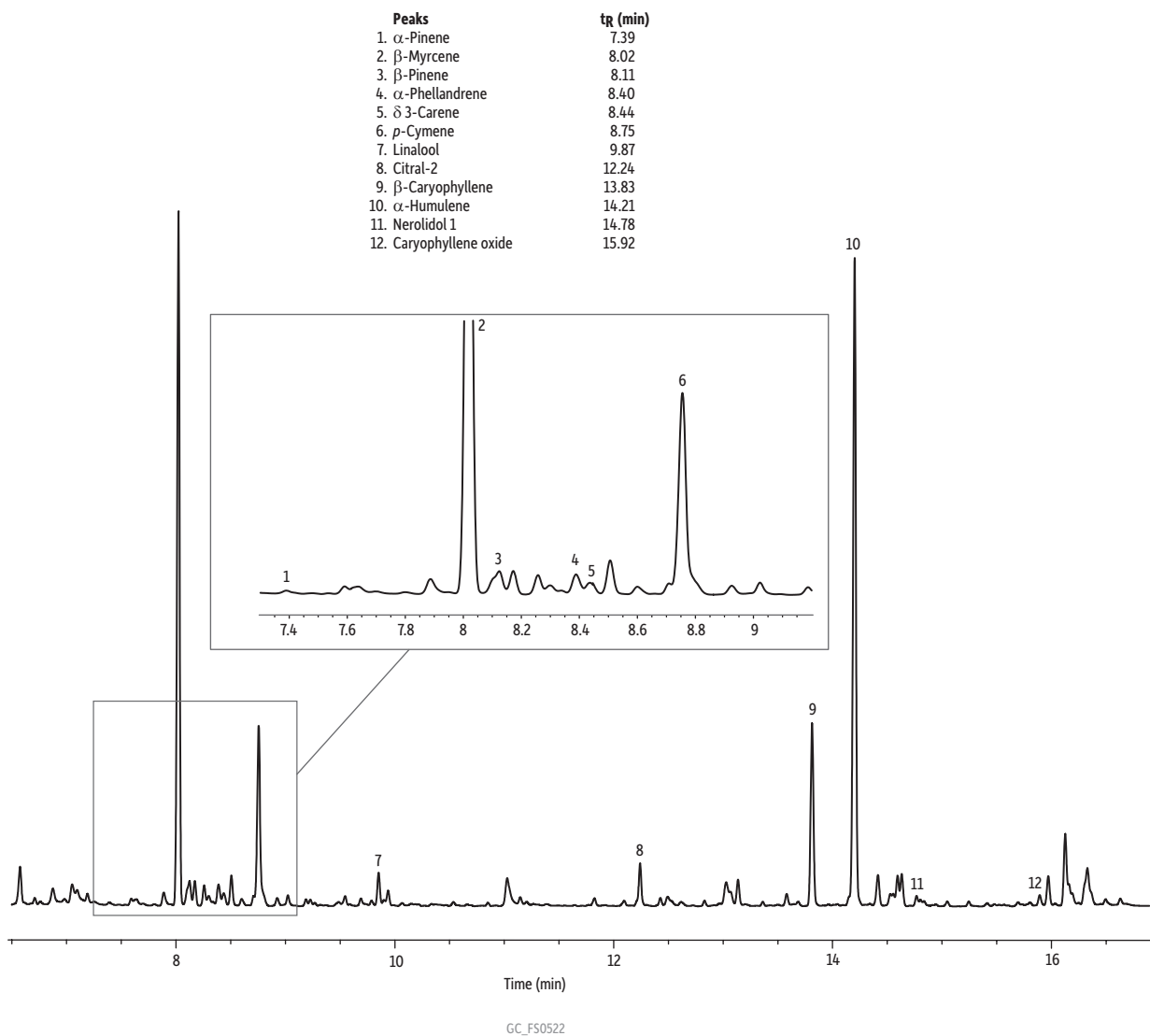


Terpene Profile of UK East Kent Golding Hops on Rxi-624Sil MS by FET-HS-GC



Column Rxi-624Sil MS, 30 m, 0.25 mm ID, 1.40 μ m (cat.# 13868)
Sample Conc.: 10 mg of ground UK East Kent Goldings hops
Injection headspace-loop split (split ratio 10:1)
Liner: Premium 1.0 mm ID straight inlet liner (cat.# 23333)
Headspace-Loop
Inj. Port Temp.: 250 °C
Instrument: Tekmar HT-3
Inj. Time: 1.0 min
Transfer Line Temp.: 160 °C
Valve Oven Temp.: 160 °C
Needle Temp.: 140 °C
Sample Temp.: 140 °C
Sample Equil. Time: 30.0 min
Vial Pressure: 20 psi
Loop Pressure: 15 psi

Oven Oven Temp.: 60 °C (hold 0.10 min) to 300 °C at 12.50 °C/min (hold 3.0 min)
Carrier Gas He, constant flow
Linear Velocity: 33 cm/sec
Detector FID @ 320 °C
Make-up Gas Flow Rate: 45 mL/min
Make-up Gas Type: N₂
Hydrogen flow: 40 mL/min
Air flow: 450 mL/min
Data Rate: 20 Hz
Instrument Agilent/HP6890 GC