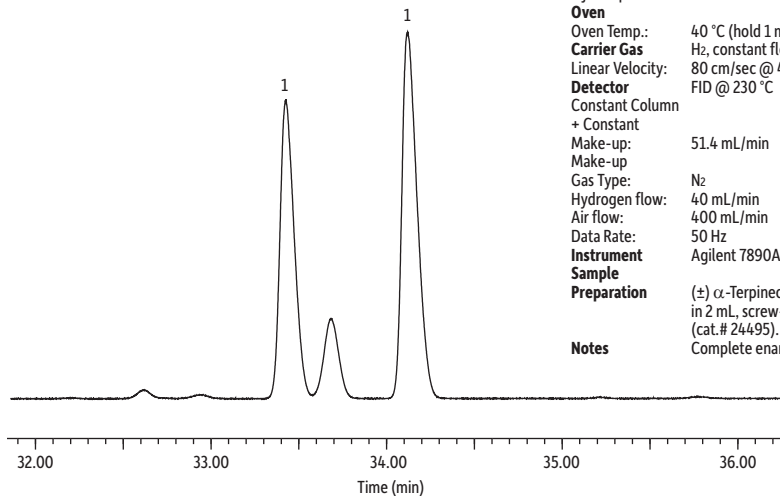


(±) α -Terpineol on Rt- β DEXsm



GC_FF1359

Peaks
1. (±) α -Terpineol

tr 1	tr 2
33.426	34.120

Column Rt- β DEXsm, 30 m, 0.32 mm ID, 0.25 μ m (cat.# 13104)

Standard/Sample (±) α -Terpineol

Diluent: Acetone

Conc.: 1000 μ g/mL

Injection

Inj. Vol.: 1 μ L split (split ratio 100:1)

Liner: Topaz 4.0 mm ID Precision inlet liner w/ wool (cat.# 23305)

Inj. Temp.: 210 °C

Oven

Oven Temp.: 40 °C (hold 1 min) to 230 °C at 2 °C/min (hold 3 min)

Carrier Gas H₂, constant flow

Linear Velocity: 80 cm/sec @ 40 °C

Detector FID @ 230 °C

Constant Column

+ Constant

Make-up: 51.4 mL/min

Make-up

Gas Type: N₂

Hydrogen flow: 40 mL/min

Air flow: 400 mL/min

Data Rate: 50 Hz

Instrument Agilent 7890A GC

Sample

Preparation

(±) α -Terpineol (2% solution) was dissolved in acetone to a final concentration of 1000 ppm in 2 mL, screw-thread vials (cat.# 21143), and capped with short-cap, screw-vial closures (cat.# 24495).

Notes

Complete enantiomeric resolution of (±) α -terpineol ($R = 4.7$).



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