

**FRA/FLA 11**

**FLAVOURS/FRAGRANCES**

## Analysis of Eucalyptus Essential Oil on BPX5

### ANALYSIS OF EUCALYPTUS ESSENTIAL OIL

Phase: BPX5, 0.25µm film

Column: 30m x 0.25mm ID

Initial Temp: 45°C

Initial Hold Time : 1 min

Rate 1: 5°C/min

Temp 2: 250°C

Temp 1 Hold Time: 15 min

Detector: 5973 MSD

Injector Mode: Split (50:1)

Injector Temp: 250°C

Carrier Gas: Helium, 35 cm/sec @ 45°C

Injection Volume : 1mL

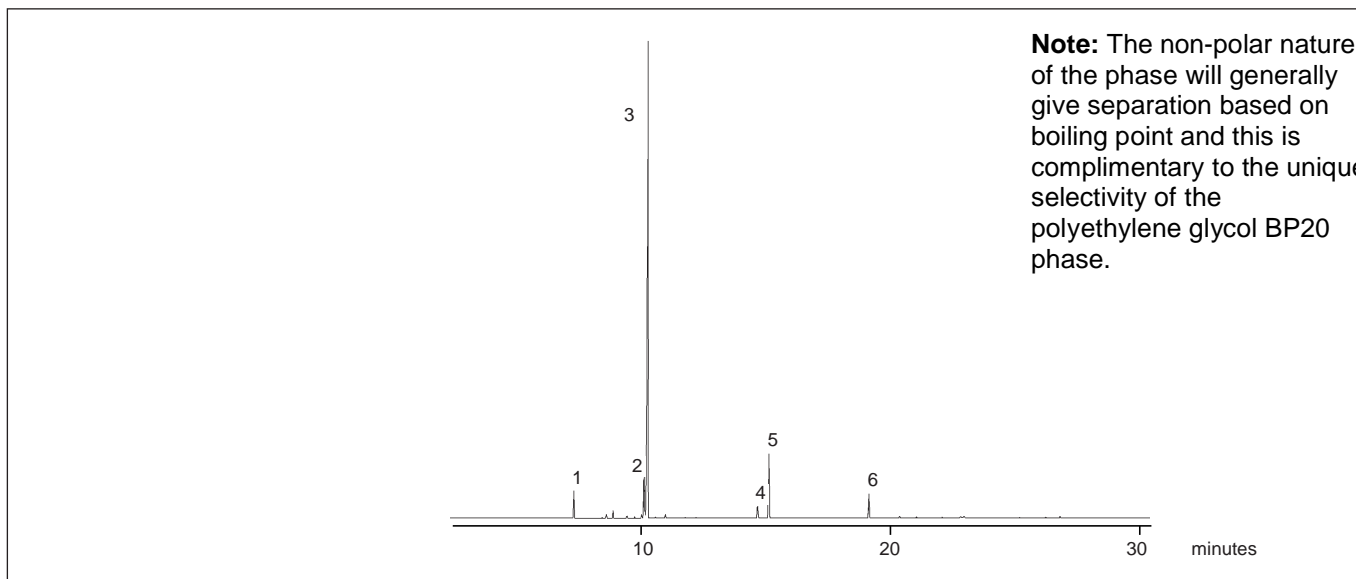
Concentration (ng/mL) 1:20 dilution in DCM

GC model: HP 6890 GC, 5973 MSD

Interface/Source/Quad: 320°C, 250°C, 106°C

SGE Part No.: 054101

1. alpha-Pinene
2. Limonene
3. 1,8-Cineole
4. Terpinene-4-ol
5. alpha-Terpineol
6. Camphene



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