## Lavender Oil on Rt-βDEXse

### Peaks
1. Eucalyptol 13.825 -
2. Limonene (L,D) 17.898 18.886
4. Camphor 24.357 -
5. Linalool (±) 25.688 26.651
6. Linalyl acetate 29.166 29.494

### Column
Rt-βDEXse, 30 m, 0.32 mm ID, 0.25 µm (cat.# 13106)

### Standard/Sample
Lavender oil

### Diluent
Acetone

### Conc.
5%

### Injection
1 µL split (split ratio 100:1)

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

### Inj. Temp.
210 °C

### Oven
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

### Gas Type
N₂

### Hydrogen flow
40 mL/min

### Air flow
400 mL/min

### Data Rate
50 Hz

### Instrument
Agilent 7890A GC

### Sample
Lavender oil (50 µL) was diluted with acetone (950 µL) in 2 mL, screw-thread vials (cat.# 21143), and capped with short-cap, screw-vial closures (cat.# 244/85).