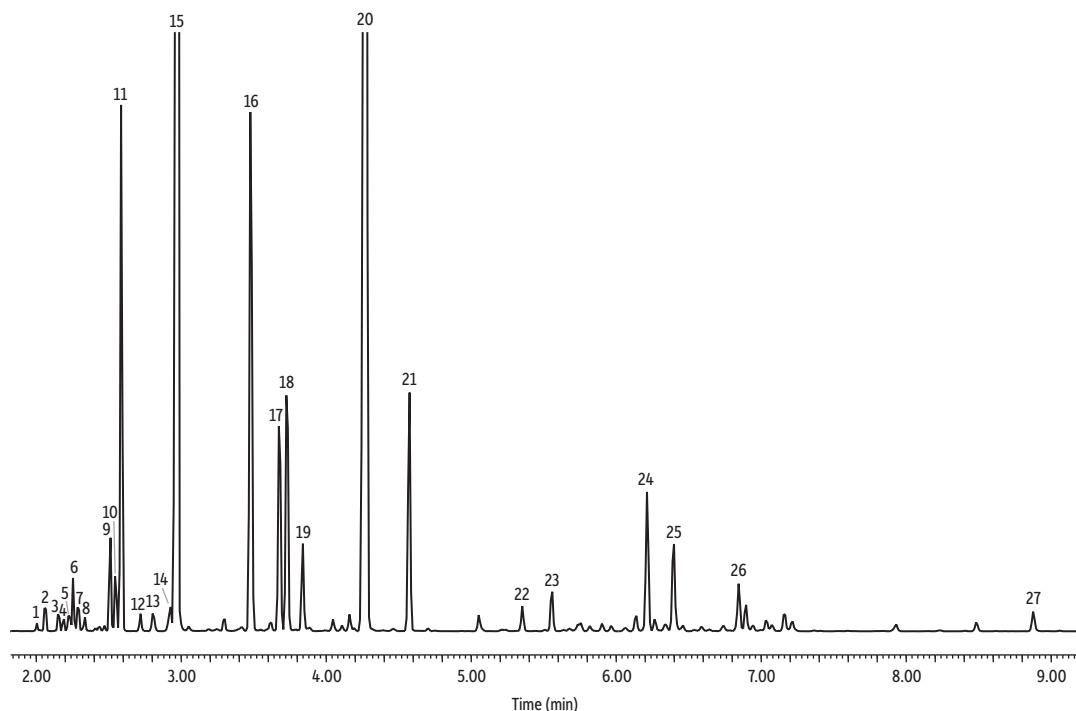


Lavender Oil on Rxi-5Sil MS



GC_FF1313

Peaks	tr (min)	Peaks	tr (min)
1. α -Thujene	2.005	14. Terpinolene	2.925
2. α -Pinene	2.061	15. Linalool	2.976
3. Camphene	2.153	16. Camphor	3.483
4. 1-Octen-3-ol	2.189	17. Borneol	3.682
5. 3-Octanone	2.222	18. 4-Carvomenthenol	3.734
6. β -Myrcene	2.254	19. α -Terpineol	3.843
7. β -Pinene	2.285	20. Linalyl acetate	4.275
8. Hexyl acetate	2.335	21. Lavandulyl acetate	4.577
9. β -Ocimene	2.514	22. Neryl acetate	5.352
10. D-Limonene	2.551	23. Geranyl acetate	5.556
11. Eucalyptol	2.591	24. Caryophyllene	6.218
12. γ -Terpinene	2.719	25. β -Farnesene	6.399
13. Linalool Oxide	2.806	26. β -Cubebene	6.845
		27. α -Bisabolol	8.876

Column Rxi-5Sil MS, 30 m, 0.25 mm ID, 0.25 μ m (cat.# 13623)
Sample Lavender oil
Diluent: Acetone
Conc.: 5%
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.: 250 °C
Oven
 Oven Temp.: 100 °C to 300 °C at 11 °C/min (hold 10 min)
Carrier Gas He, constant flow
 Flow Rate: 1.31 mL/min
Detector MS
 Mode: Scan
 Scan Program:

Group	Start Time (min)	Scan Range (amu)	Scan Rate (scans/sec)
1	1.00	35-500	5

Transfer Line Temp.: 300 °C
 Analyzer Type: Quadrupole
 Source Type: Inert
 Source Temp.: 230 °C
 Quad Temp.: 150 °C
Instrument Agilent 7890A GC & 5975C MSD
Notes All peaks were identified using the NIST MS EI spectra library (2005).