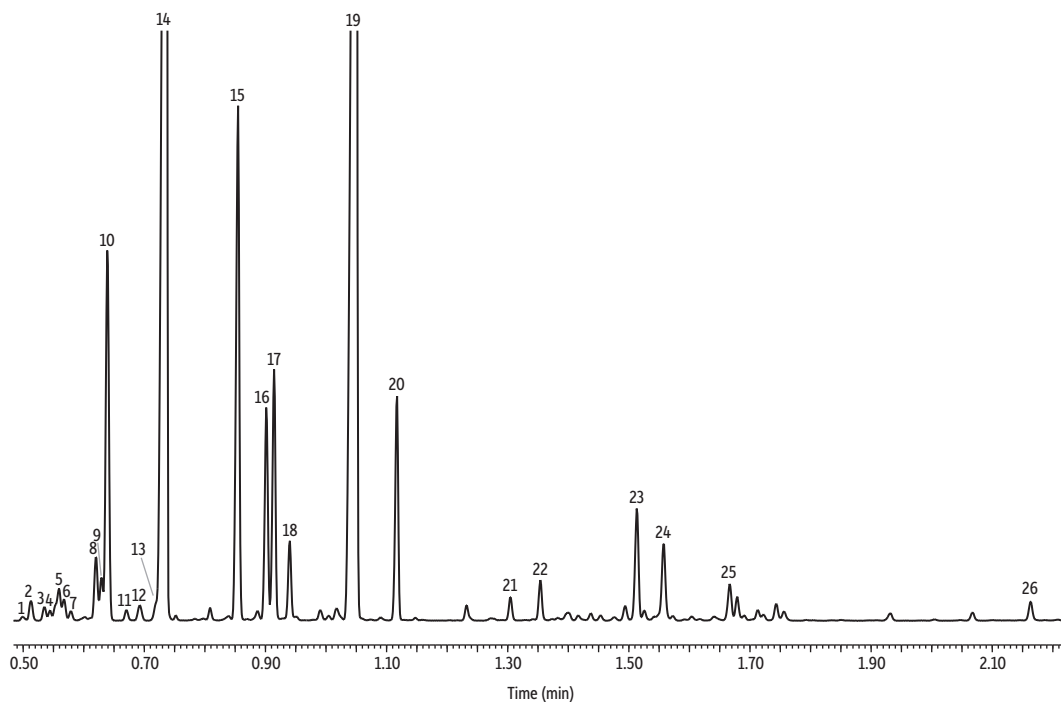


Lavender Oil on Rxi-5Sil MS (10 m, 0.15 mm ID, 0.15 µm)



GC_FF1337

Peaks	tr (min)	Peaks	tr (min)
1. α-Thujene	0.499	14. Linalool	0.736
2. α-Pinene	0.513	15. Camphor	0.855
3. Camphene	0.535	16. Borneol	0.902
4. 1-Octen-3-ol	0.544	17. 4-Carvomenthenol	0.915
5. β-Phellandrene	0.559	18. α-Terpineol	0.941
6. β-Pinene	0.567	19. Linalyl acetate	1.050
7. Hexyl acetate	0.579	20. Lavandulyl acetate	1.117
8. β-Ocimene	0.621	21. Neryl acetate	1.304
9. D-Limonene	0.630	22. Geranyl acetate	1.354
10. Eucalyptol	0.640	23. Caryophyllene	1.514
11. γ-Terpinene	0.670	24. β-Farnesene	1.558
12. Linalool oxide	0.693	25. β-Cubebene	1.667
13. Terpinolene	0.715	26. α-Bisabolol	2.163

Column Rxi-5Sil MS, 10 m, 0.15 mm ID, 0.15 µm (cat.# 43815)
Sample Lavender oil
Diluent: Acetone
Conc.: 1%
Injection
Inj. Vol.: 1 µL 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 45 °C/min to 320 °C at 30 °C/min (hold 5 min)
Carrier Gas He, constant flow
Flow Rate: 1.01 mL/min
Detector MS
Mode: Scan
Scan Program:

Group	Start Time (min)	Scan Range (amu)	Scan Rate (scans/sec)
1	1.00	35-500	11

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).