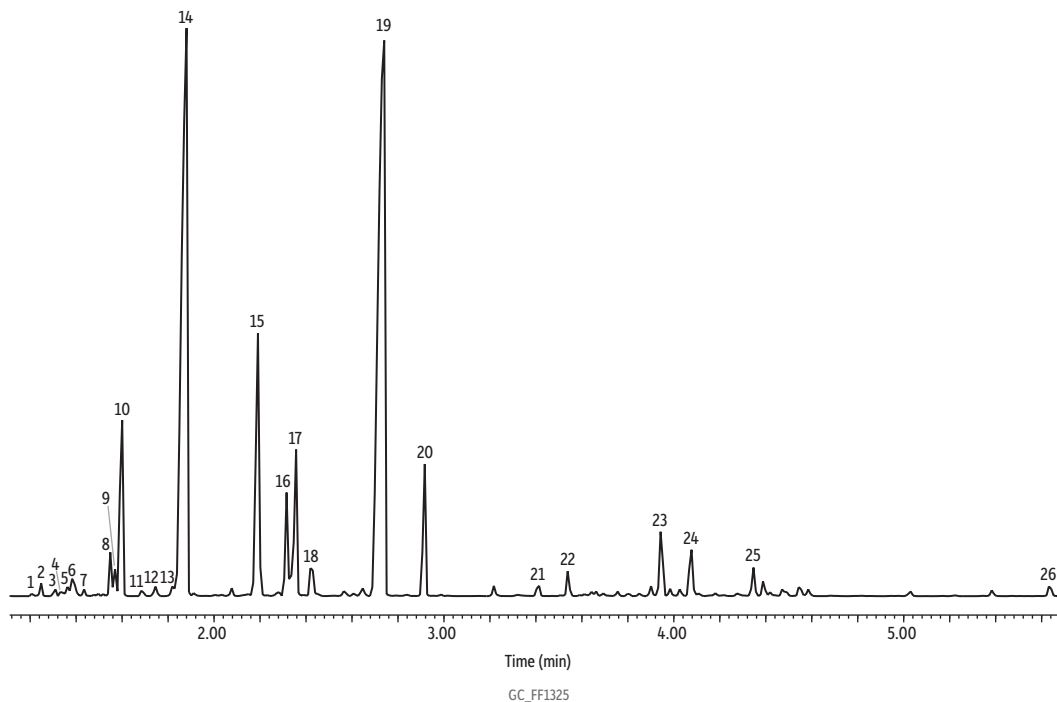


Lavender Oil on Rxi-5Sil MS (20 m, 0.18 mm ID, 0.18 μ m)



Peaks	tr (min)	Peaks	tr (min)
1. α -Thujene	1.208	14. Linalool	1.877
2. α -Pinene	1.248	15. Camphor	2.193
3. Camphene	1.309	16. Borneol	2.319
4. 1-Octen-3-ol	1.335	17. 4-Carvomenthenol	2.356
5. 3-Octanone	1.362	18. α -Terpineol	2.419
6. β -Myrcene	1.383	19. Linalyl acetate	2.737
7. Hexyl acetate	1.435	20. Lavandulyl acetate	2.920
8. β -Ocimene	1.549	21. Neryl acetate	3.415
9. D-Limonene	1.569	22. Geranyl acetate	3.543
10. Eucalyptol	1.598	23. Caryophyllene	3.949
11. γ -Terpinene	1.686	24. β -Farnesene	4.079
12. Linalool oxide	1.749	25. β -Cubebene	4.351
13. Terpinolene	1.818	26. α -Bisabolol	5.640

Column Rxi-5Sil MS, 20 m, 0.18 mm ID, 0.18 μ m (cat.# 43602)
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 $^{\circ}$ C
Oven
 Oven Temp.: 100 $^{\circ}$ C (hold 0.25 min) to 320 $^{\circ}$ C at 17.5 $^{\circ}$ C/min (hold 10 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	5

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