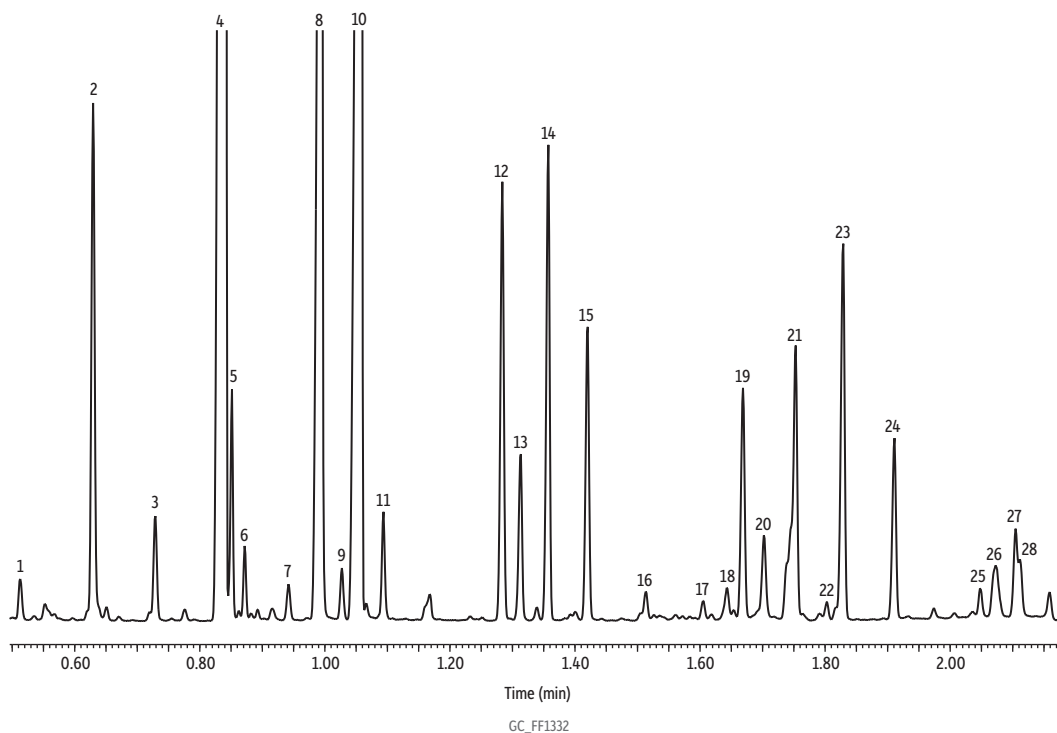


Citronella Oil on Rxi-5Sil MS (10 m, 0.15 mm ID, 0.15 µm)



Peaks	tr (min)	Peaks	tr (min)
1. α-Pinene	0.513	15. β-Elmene	1.420
2. D-Limonene	0.630	16. Caryophyllene	1.513
3. Linalool	0.729	17. α-Caryophyllene	1.605
4. Citronellal	0.841	18. α-Amorphene	1.643
5. Isopulegol isomer 1	0.852	19. Germacrene D	1.669
6. Isopulegol isomer 2	0.872	20. α-Muurolene	1.703
7. α-Terpineol	0.942	21. δ-Cadinene	1.753
8. β-Citronellol	0.994	22. α-Cadinene	1.803
9. Z-Citral	1.027	23. Elemol	1.829
10. Geraniol	1.058	24. Germacrene D	1.911
11. E-Citral	1.094	25. γ-Eudesmol	2.048
12. Citronellyl propionate	1.284	26. α-Cadinol	2.073
13. Eugenol	1.313	27. α-Eudesmol	2.105
14. Geranyl acetate	1.358	28. β-Eudesmol	2.112

Column Rxi-5Sil MS, 10 m, 0.15 mm ID, 0.15 µm (cat.# 43815)
Sample Citronella 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: 1.0 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).