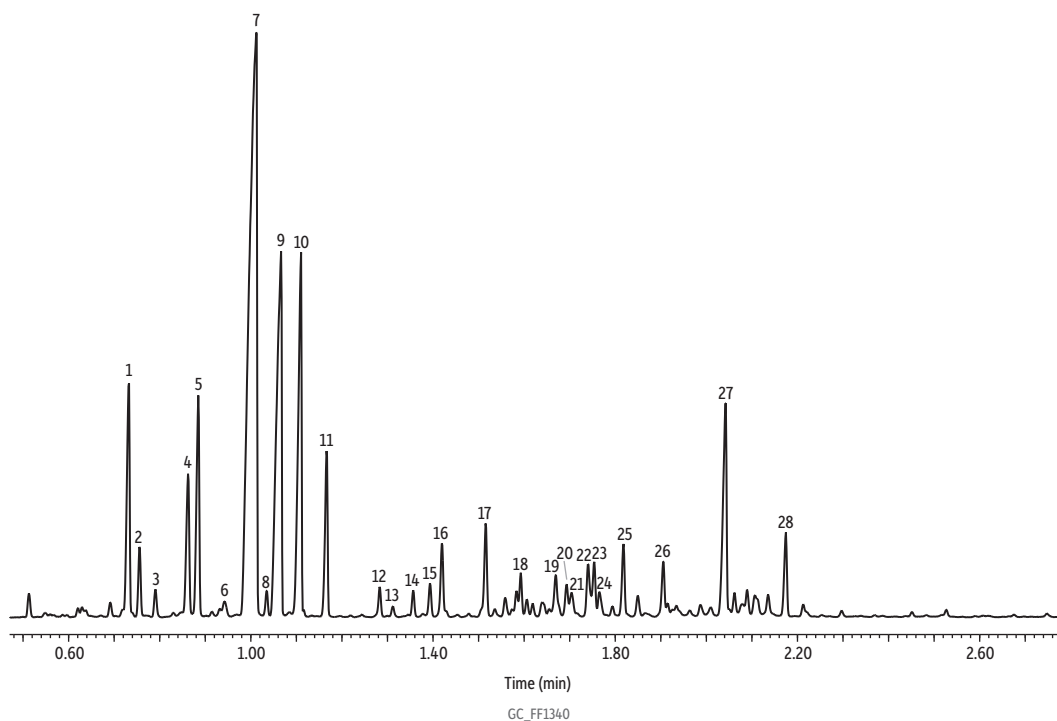


Geranium Oil on Rxi-5Sil MS (10 m, 0.15 mm ID, 0.15 µm)



Peaks	tr (min)	Peaks	tr (min)
1. Linalool	0.732	15. Copaene	1.394
2. Rose oxide 1	0.756	16. β-Bourbonene	1.420
3. Rose oxide 2	0.791	17. Caryophyllene	1.516
4. Menthone	0.862	18. Neryl acetate	1.593
5. Isomenthone	0.885	19. Germacrene D	1.670
6. α-Terpineol	0.943	20. γ-Gurjunene	1.694
7. Citronellol	1.010	21. α-Murolene	1.705
8. Z-Citral	1.035	22. Citronellyl butyrate	1.741
9. Geraniol	1.065	23. δ-Cadinene	1.754
10. Citronellyl formate	1.109	24. Calamenene	1.766
11. Geranyl formate	1.167	25. Geranyl butyrate	1.818
12. 2,6-Dimethyl-2,6-octadiene	1.283	26. Phenylethyl butyrate	1.906
13. α-Cubebene	1.312	27. γ-Eudesmol	2.042
14. Geranyl acetate	1.357	28. Phenylethyl tiglate	2.175

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