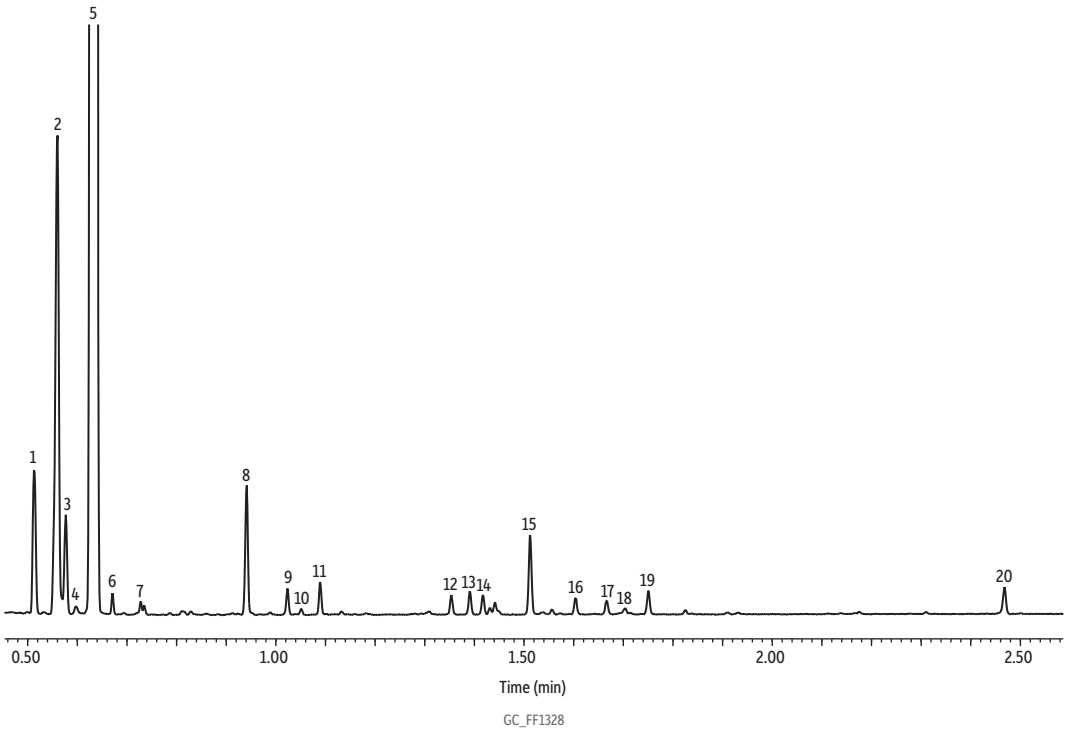
Grapefruit Oil on Rxi-5Sil MS (10 m, 0.15 mm ID, 0.15 µm)



Peaks	t_R (min)	Peaks	t_R (min)
1. α-Pinene	0.514	11. E-Citral	1.089
2. β-Myrcene	0.560	12. Geranyl acetate	1.354
3. Octanal	0.577	13. Copaene	1.391
4. α-Phellandrene	0.597	14. β-Cubebene	1.417
5. D-Limonene	0.639	15. Caryophyllene	1.512
6. γ-Terpinene	0.671	16. α-Caryophyllene	1.604
7. Linalool	0.728	17. Germacrene D	1.667
8. Decanal	0.942	18. Bicyclogermacrene	1.704
9. Z-Citral	1.024	19. δ-Cadinene	1.751
10. Carvone	1.051	20. Nootkatone	2.468

Column Rxi-5Sil MS, 10 m, 0.15 mm ID, 0.15 µm (cat.# 43815)
Sample Grapefruit 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	35-350	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).