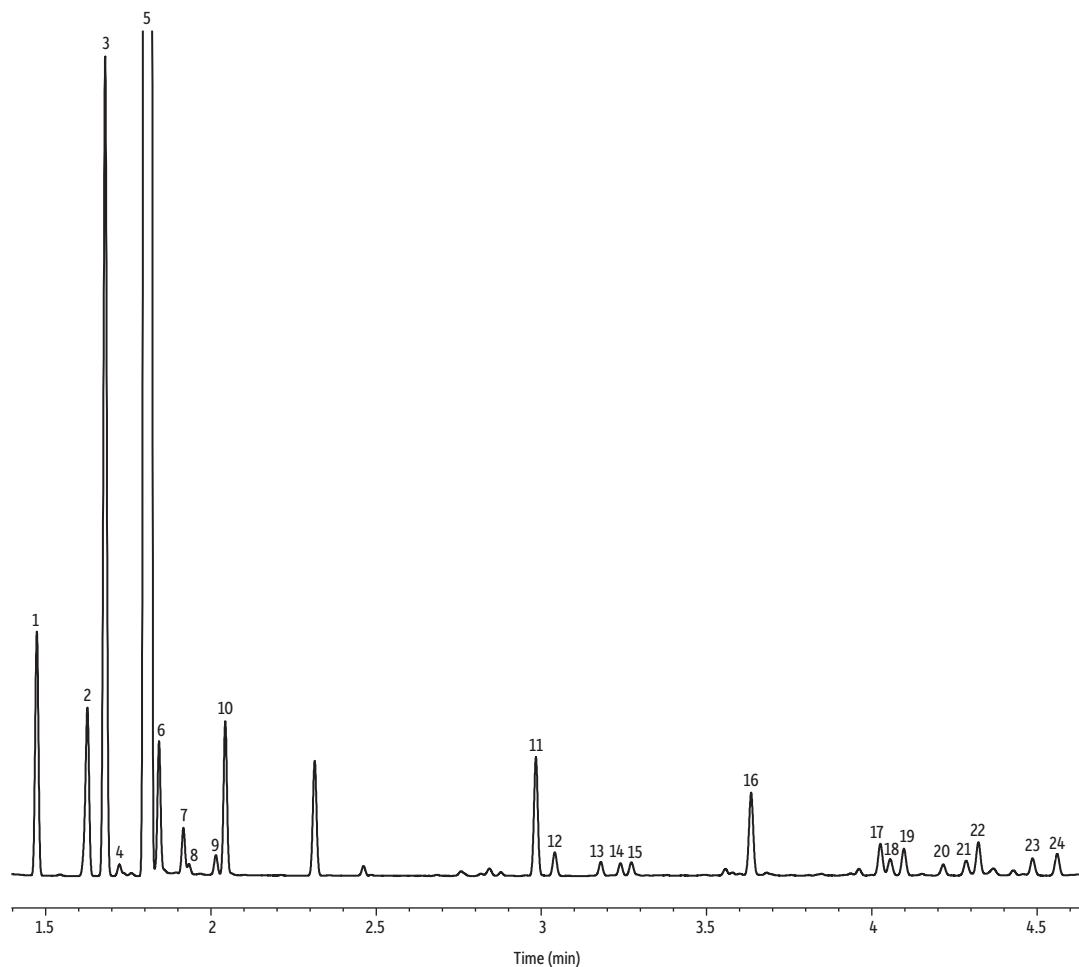


Grapefruit Oil on Rtx-Wax



GC_FF1303

Peaks	tr (min)	Peaks	tr (min)
1. α -Pinene	1.473	13. Linalool	3.180
2. β -Phellandrene	1.626	14. 1-Octanol	3.239
3. β -Myrcene	1.680	15. β -Cubebene	3.272
4. α -Phellandrene	1.723	16. Caryophyllene	3.635
5. D-Limonene	1.814	17. Z-Citral	4.026
6. Sabinene	1.843	18. α -Caryophyllene	4.056
7. α -Ocimene	1.917	19. α -Terpineol	4.097
8. γ -Terpinene	1.934	20. Dodecanal	4.216
9. <i>p</i> -Cymene	2.015	21. Germacrene D	4.285
10. Octanal	2.043	22. (E)-Citral	4.322
11. Decanal	2.983	23. Geranyl acetate	4.486
12. Copaene	3.041	24. δ -Cadinene	4.561

Column Rtx-Wax, 30 m, 0.32 mm ID, 0.25 μ m (cat.# 12424)
Sample Grapefruit 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.: 230 °C
Oven
Oven Temp.: 100 °C (hold 0.5 min) to 250 °C at 16 °C/min (hold 10 min)
Carrier Gas
Flow Rate: H₂, constant flow
Detector
Flow Rate: 2 mL/min
Detector FID @ 250 °C
Constant Column +
Constant Make-up: 52 mL/min
Make-up Gas Type: N₂
Hydrogen flow: 40 mL/min
Air flow: 400 mL/min
Data Rate: 50 Hz
Instrument Agilent 7890A GC
Notes All peaks were identified using the NIST MS EI spectra library (2005).