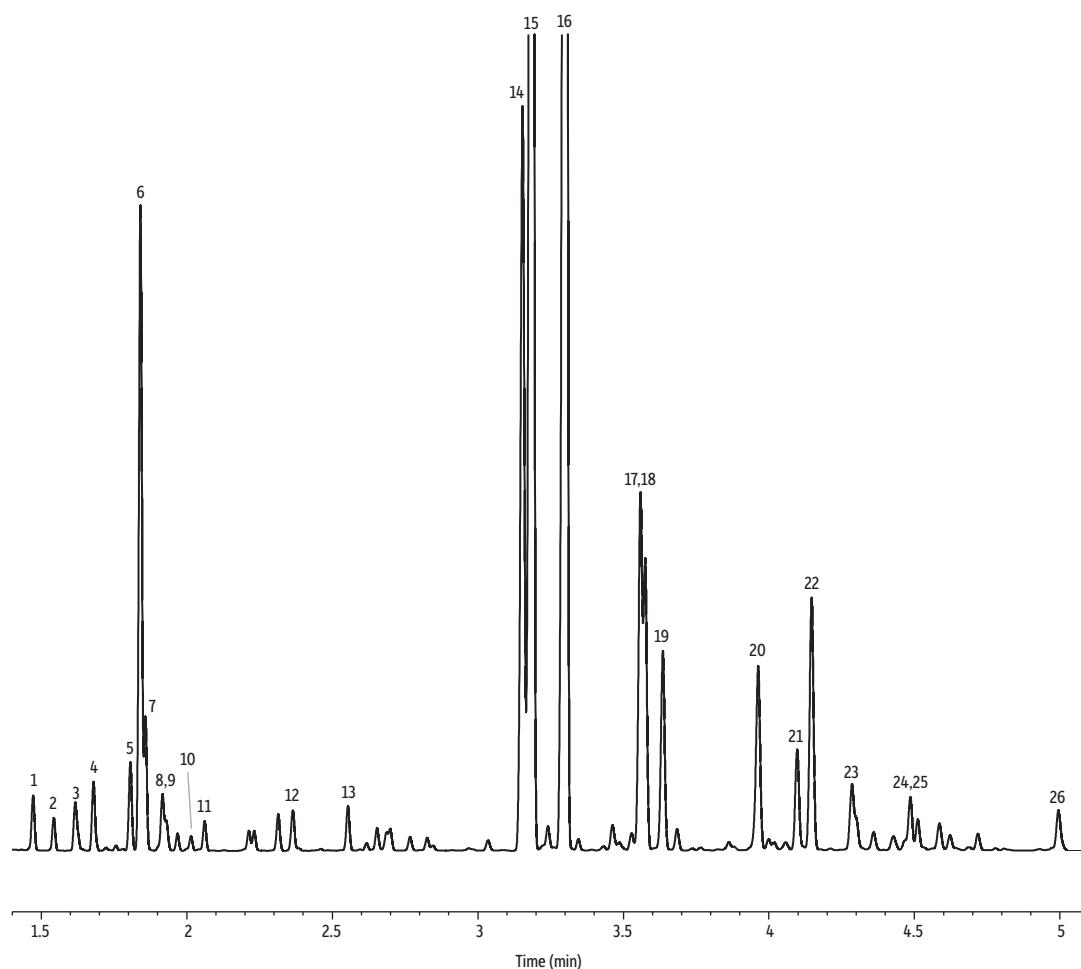


Lavender Oil on Rtx-Wax



GC_FF1301

Peaks	tr (min)	Peaks	tr (min)
1. α -Pinene	1.471	14. Camphor	3.154
2. Camphene	1.542	15. Linalool	3.188
3. β -Pinene	1.616	16. Linalyl acetate	3.303
4. β -Myrcene	1.679	17. Geranyl butyrate	3.559
5. D-Limonene	1.805	18. 4-Carvomenthenol	3.575
6. Eucalyptol	1.840	19. Caryophyllene	3.636
7. β -Ocimene	1.857	20. Lavandulol	3.964
8. α -Ocimene	1.916	21. α -Terpineol	4.098
9. γ -Terpinene	1.933	22. Borneol	4.147
10. <i>p</i> -Cymene	2.014	23. β -Cubebene	4.286
11. Terpinolene	2.061	24. Geranyl acetate	4.487
12. Octenyl acetate	2.364	25. Lavandulyl acetate	4.512
13. Hexyl butyrate	2.554	26. Geraniol	4.994

Column Rtx-Wax, 30 m, 0.32 mm ID, 0.25 μ m (cat.# 12424)
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.: 230 $^{\circ}$ C
Oven
Oven Temp.: 100 $^{\circ}$ C (hold 0.5 min) to 250 $^{\circ}$ C at 16 $^{\circ}$ C/min (hold 10 min)
Carrier Gas H₂, constant flow
Flow Rate: 2 mL/min
Detector FID @ 250 $^{\circ}$ 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 T890A GC
Notes All peaks were identified using the NIST MS EI spectra library (2005).