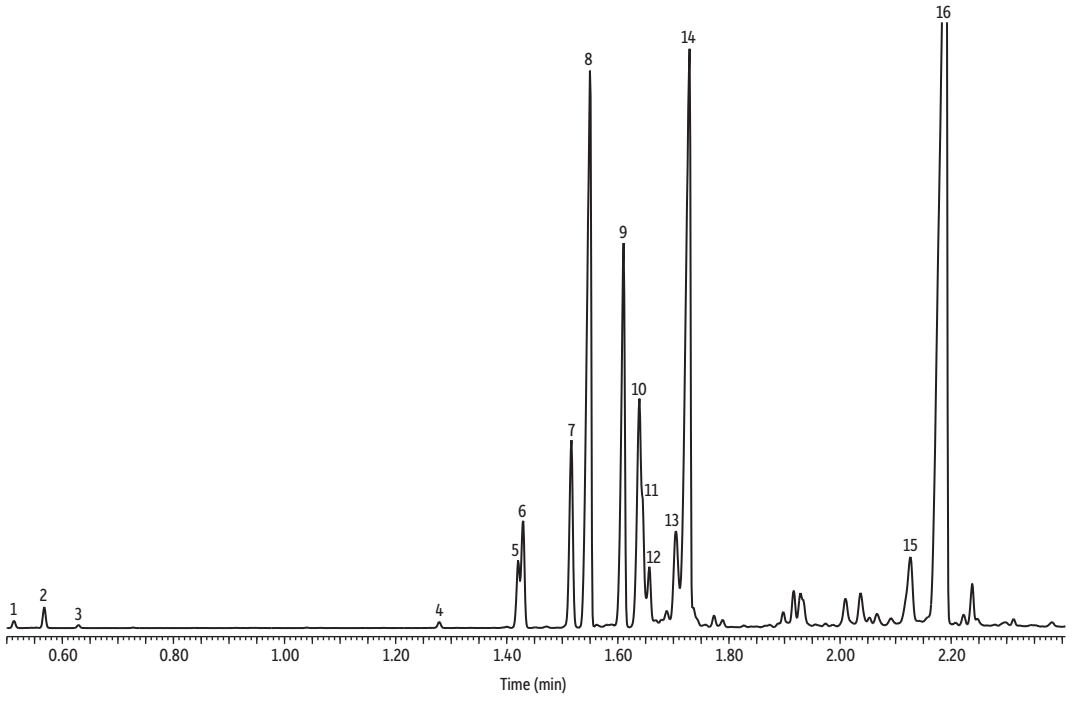
Patchouli Oil on Rxi-5Sil MS (10 m, 0.15 mm ID, 0.15 µm)



GC_FF1336

Peaks	t_R (min)	Peaks	t_R (min)
1. α-Pinene	0.513	9. Seychellene	1.610
2. β-Pinene	0.568	10. α-Patchoulene	1.639
3. D-Limonene	0.629	11. β-Guaiene	1.645
4. δ-Elemene	1.278	12. Patchoulene	1.657
5. β-Elemene	1.420	13. Cedrene	1.705
6. β-Patchoulene	1.429	14. δ-Guaiene	1.728
7. Caryophyllene	1.517	15. Valencene	2.127
8. α-Guaiene	1.550	16. Patchoulol	2.190

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