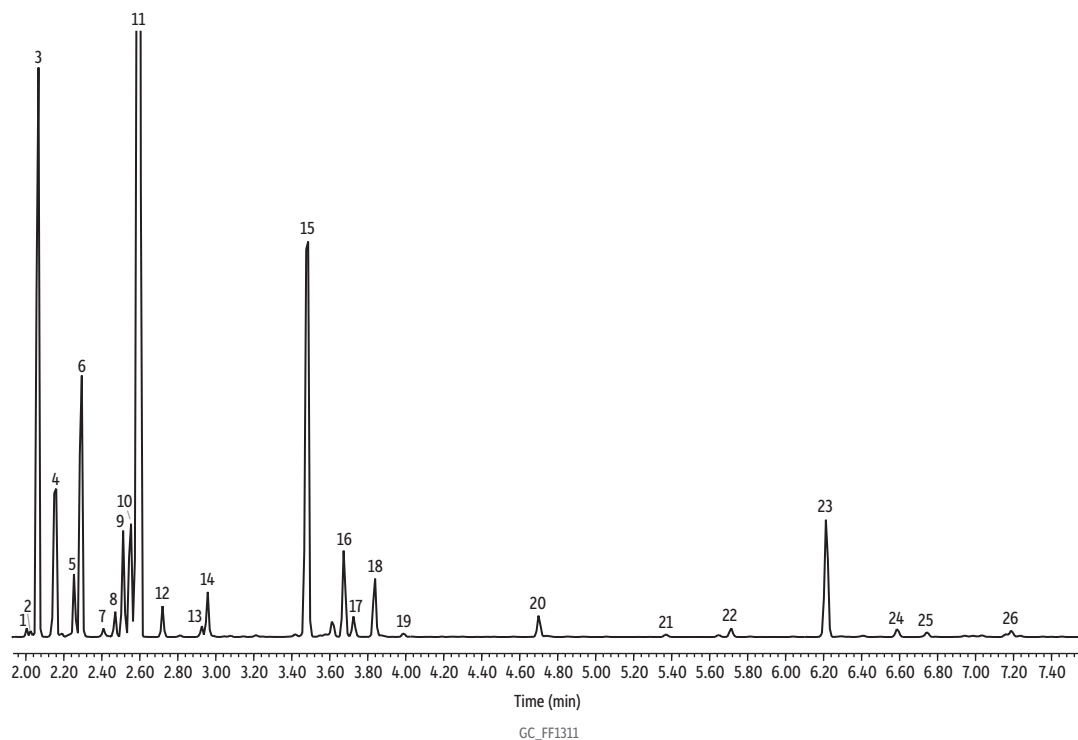


Rosemary Oil on Rxi-5Sil MS



Peaks	tr (min)	Peaks	tr (min)
1. α -Thujene	2.005	14. Linalool	2.958
2. Tricyclene	2.025	15. Camphor	3.486
3. α -Pinene	2.068	16. Borneol	3.680
4. Camphene	2.159	17. Terpinen-4-ol	3.726
5. β -Myrcene	2.258	18. α -Terpineol	3.842
6. β -Pinene	2.296	19. Verbenone	3.988
7. α -Phellandrene	2.409	20. Bornyl acetate	4.700
8. α -Terpinene	2.471	21. Eugenol	5.371
9. <i>p</i> -Cymene	2.516	22. Copaene	5.713
10. Limonene	2.551	23. Caryophyllene	6.219
11. Eucalyptol	2.594	24. α -Caryophyllene	6.587
12. γ -Terpinene	2.720	25. γ -Muuroleone	6.744
13. Terpinolene	2.927	26. δ -Cadinene	7.188

Column Rxi-5Sil MS, 30 m, 0.25 mm ID, 0.25 μ m (cat.# 13623)
Sample Rosemary 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.: 250 °C
Oven
 Oven Temp.: 100 °C to 300 °C at 11 °C/min (hold 10 min)
Carrier Gas He, constant flow
Flow Rate: 1.31 mL/min
Detector MS
 Mode: Scan
 Scan Program:

Group	Start Time (min)	Scan Range (amu)	Scan Rate (scans/sec)
1	1.00	35-500	5

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).