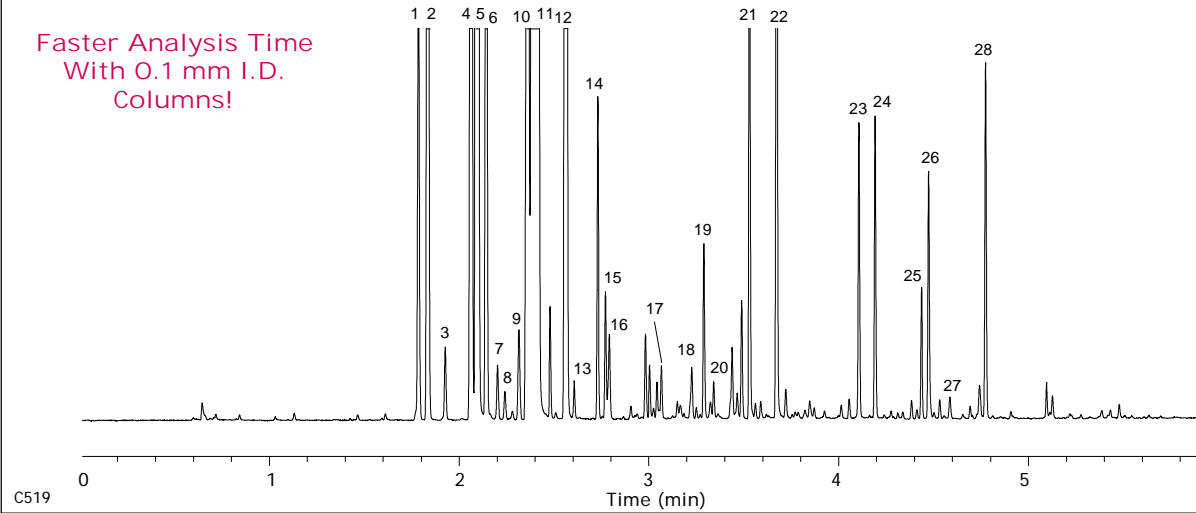


## Lemon Oil

**Column:** DB-5  
20 m x 0.10 mm I.D., 0.1 µm  
**J&W P/N:** 127-5022  
**Carrier:** Hydrogen at 60 cm/sec,  
measured at 40°C  
**Oven:** 40°C for 3 min  
40-185°C at 30°/min  
185°C for 3 min  
**Injector:** Split 1:275, 275°C  
**Detector:** FID, 300°C  
Nitrogen makeup gas  
at 30 mL/min

- |                   |                                 |
|-------------------|---------------------------------|
| 1. α-Thujone      | 15. Linalool                    |
| 2. β-Thujone      | 16. Nonanal                     |
| 3. Camphene       | 17. Citronellal                 |
| 4. Sabinene       | 18. Terpinen-4-ol               |
| 5. β-Pinene       | 19. α-Terpineol                 |
| 6. Myrcene        | 20. Decanal                     |
| 7. Octanal        | 21. Neral                       |
| 8. α-Phellandrene | 22. Geranial                    |
| 9. α-Terpinene    | 23. Neryl acetate               |
| 10. p-Cymene      | 24. Geranyl acetate             |
| 11. δ-Limonene    | 25. β-Caryophyllene             |
| 12. γ-Terpinene   | 26. <i>trans</i> -α-Bergamotene |
| 13. Octanol       | 27. α-Humulene                  |
| 14. Terpinolene   | 28. β-Bisabolene                |

Faster Analysis Time  
With 0.1 mm I.D.  
Columns!



C519