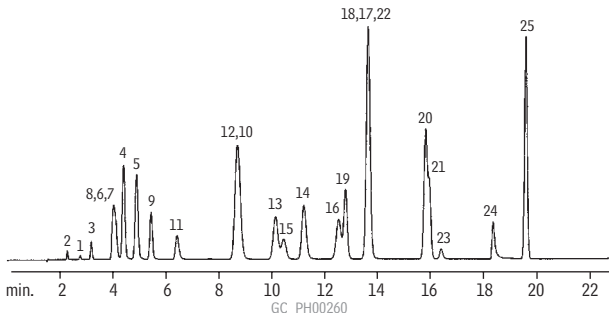


Organic Volatile Impurities Rtx®-G27



30m, 0.53mm ID, 5.0 μ m Rtx®-G27 with 5m phenylmethyl
Integra-Guard™ guard column (cat.# 10279-126)

Headspace injection of common solvents for pharmaceutical processing. Prepared to equal about 500ppm in the bulk pharmaceutical. Samples shaken and heated at 90°C for 15 minutes, 1mL headspace injection.

Oven temp.: 35°C (hold 10 min.) to 100°C @ 5°C/min., to 240°C @ 25°C/min.
(hold 5 min.)
Inj./det. temp.: 220°C/240°C
FID sensitivity: 1.05 x 10⁻¹¹ AFS
Carrier gas: helium, 35cm/sec. set @ 35°C
Split ratio: 2:1

- | | | |
|-----------------------|---------------------------|------------------------|
| 1. ethylene oxide | 10. <i>n</i> -hexane | 19. 1,2-dichloroethane |
| 2. methanol | 11. <i>n</i> -propanol | 20. heptane |
| 3. ethanol | 12. methyl ethyl ketone | 21. trichloroethylene |
| 4. diethyl ether | 13. ethyl acetate | 22. <i>n</i> -butanol |
| 5. 1,1-dichloroethene | 14. tetrahydrofuran | 23. 1,4-dioxane |
| 6. acetone | 15. chloroform | 24. pyridine |
| 7. isopropanol | 16. 1,1,1-trichloroethane | 25. toluene |
| 8. acetonitrile | 17. carbon tetrachloride | |
| 9. methylene chloride | 18. benzene | |