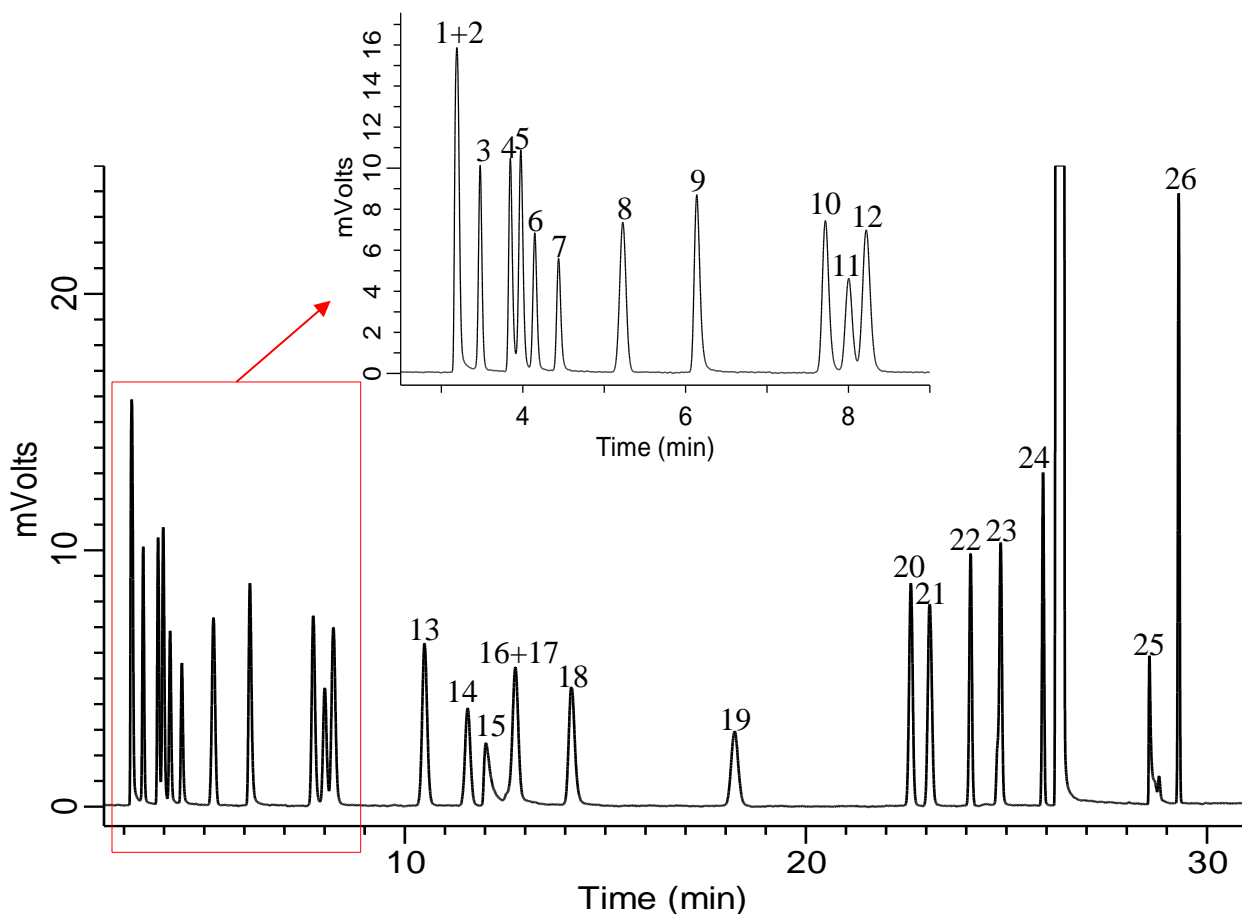


## Residual solvents in pharmaceuticals (Class 3)



### Conditions

**System** : GC-FID  
**Column** : InertCap 624MS  
 0.32 mm I.D. × 30 m  
 df = 1.80 μm  
**Col. Cat. No.** : 1010-64747  
**Col. Temp.** : 40 °C(20 min) - 10 °C/min  
 - 240 °C(20 min)  
**Carrier Gas** : He 2.20 mL/min  
**Injection** : Split 20:1  
 140 °C  
**Detection** : FID Auto Range  
 250 °C  
**Sample Size** : 0.1 μL  
 2000 μg/mL in  
*N,N*-Dimethylformamide

### Analyte

1. Ethanol	16. Acetic acid
2. Pentane	17. Heptane
3. Diethyl ether	18. 1-Butanol
4. Acetone	19. Propyl acetate
5. 2-Propanol	20. Methyl isobutyl ketone
6. Ethyl formate	21. Isoamyl alcohol (3-Methyl-1-butanol)
7. Methyl acetate	22. Isobutyl acetate
8. Methyl <i>t</i> -butyl ether	23. Amyl alcohol (1-Pentanol)
9. 1-Propanol	24. Butyl acetate
10. Methyl ethyl ketone	25. Dimethyl sulfoxide
11. Ethyl acetate	26. Anisole
12. 2-Butanol	
13. Isobutanol	
	(2-Methyl-1-Propanol)
14. Isopropyl acetate	
15. Triethylamine	