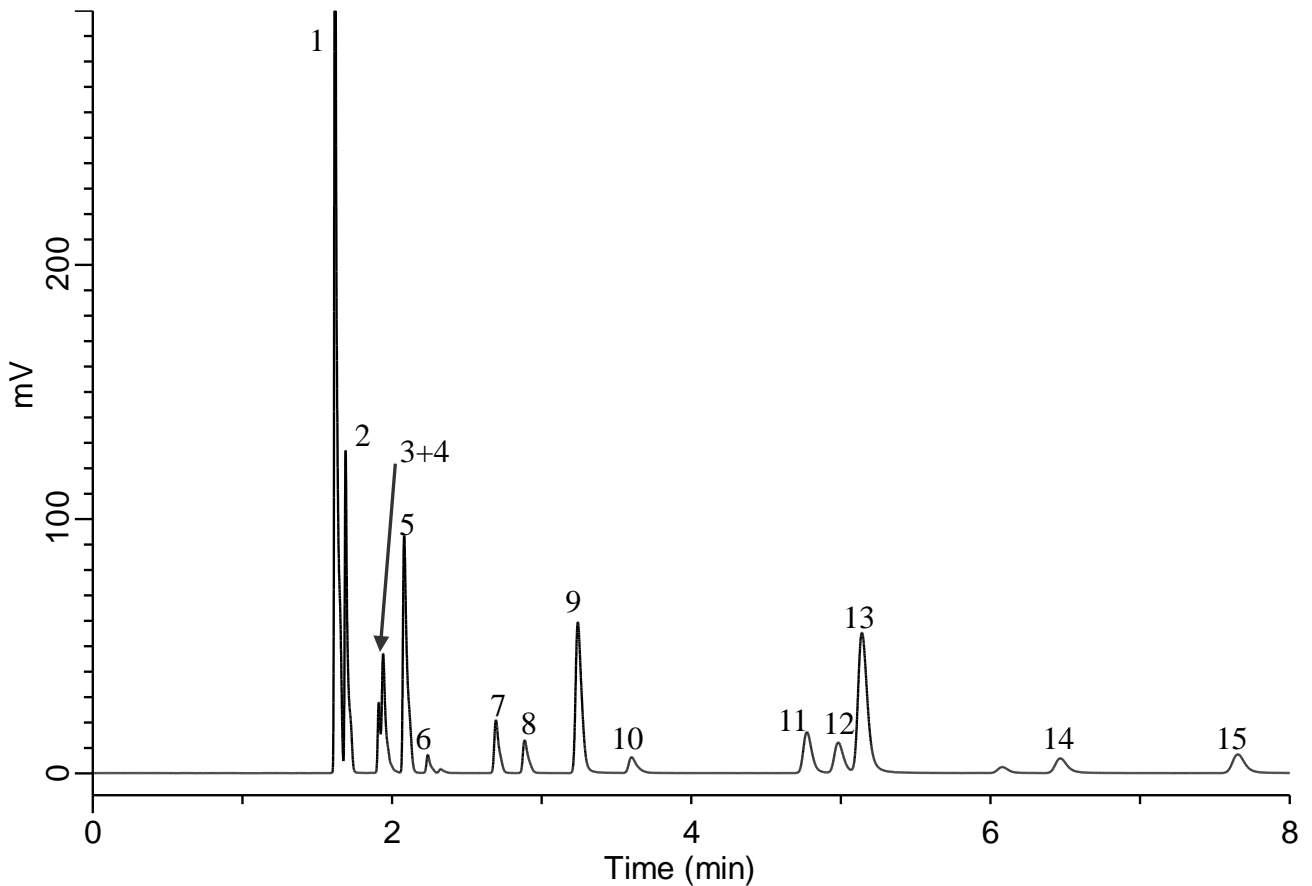


## Residual solvents in pharmaceuticals (JP18 Standard stock solution Class 2 A)



### Conditions

**System** : GC4000 Plus-FID  
**Column** : InertCap WAX  
 0.32 mm I.D. × 30 m df = 0.25 μm  
**Col. Cat. No.** : 1010-67242  
**Col. Temp.** : 50 °C(20 min) – 6 °C/min  
 - 165 °C(20 min)  
**Carrier Gas** : He 2.20 mL/min (35cm/sec)  
**Injection** : Split 20:1  
 250 °C  
**Detection** : FID Auto Range  
 250 °C  
**Sample Size** : 1.0 μL  
 Analyte in Dimethyl sulfoxide

### Analyte (R.T. min)

1. Cyclohexane	(1.619)
2. Methylcyclohexane	(1.689)
3. Tetrahydrofuran	(1.940)
4. <i>trans</i> -1,2-Dichloroethylene	(1.940)
5. Methanol	(2.081)
6. Dichloromethane	(2.238)
7. <i>cis</i> -1,2-Dichloroethylene	(2.694)
8. Acetonitrile	(2.886)
9. Toluene	(3.242)
10. 1,4-Dioxane	(3.601)
11. Ethylbenzene	(4.773)
12. <i>p</i> -Xylene	(4.982)
13. <i>m</i> -Xylene	(5.140)
14. <i>o</i> -Xylene	(6.467)
15. Chlorobenzene	(7.654)