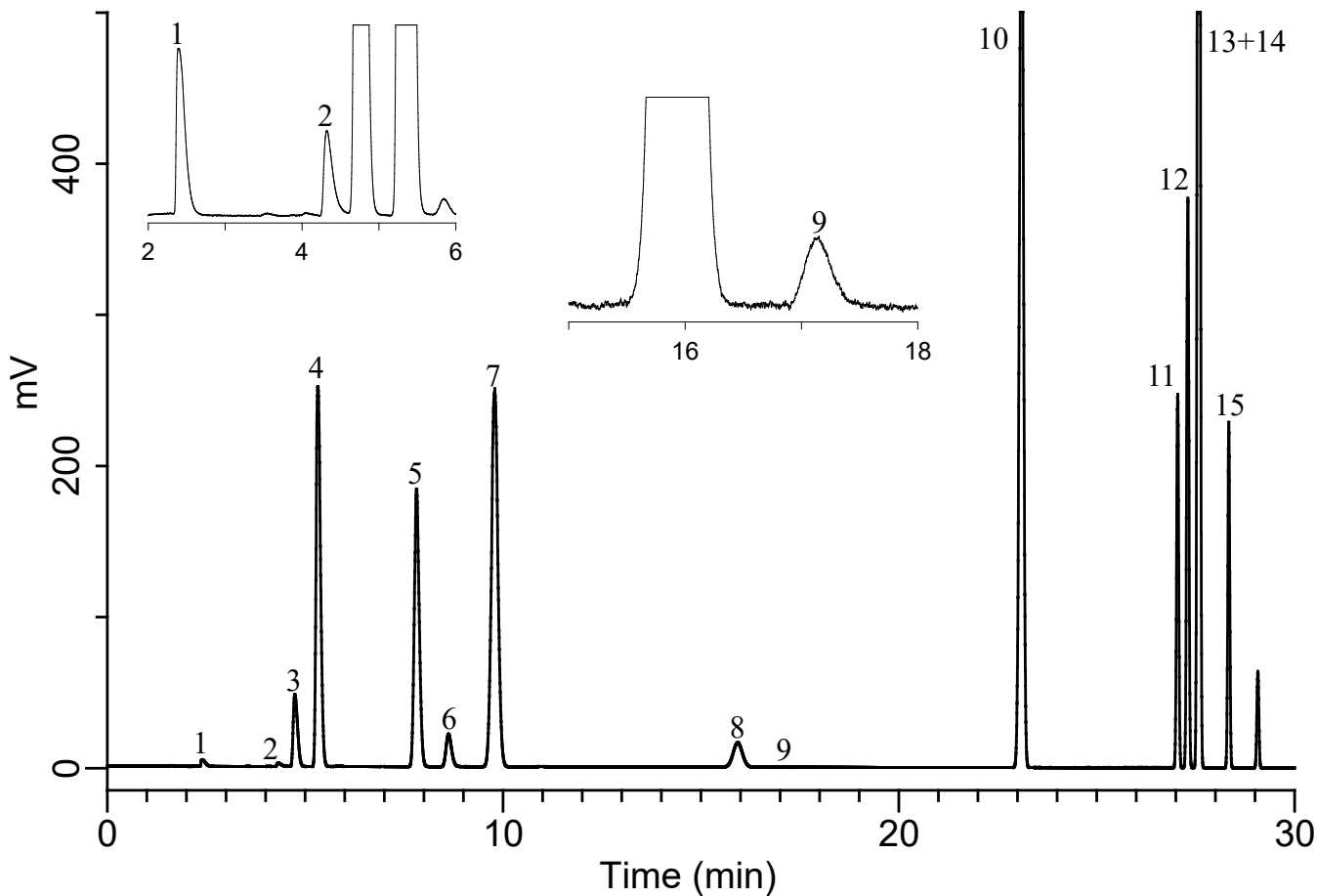


# InertSearch for GC

InertCap Applications

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

Data No. GA 338-0155



### Conditions

**System** : GC4000 Plus-FID  
**Column** : InertCap 624MS (GL Sciences Inc.)  
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** : N<sub>2</sub> 2.20 mL/min (35 cm/sec)  
**Injection** : Split 2:1 Manual Injection  
140 °C  
**Detection** : FID Auto Range  
250 °C  
**Sample Size** : Head Space Gas 1mL

### Analyte

1. Methanol
2. Acetonitrile
3. Dichloromethane
4. *trans*-1,2-Dichloroethylene
5. *cis*-1,2-Dichloroethylene
6. Tetrahydrofuran
7. Cyclohexane
8. Methylcyclohexane
9. 1,4-Dioxane
10. Toluene
11. Chlorobenzene
12. Ethylbenzene
13. *m*-Xylene
14. *p*-Xylene
15. *o*-Xylene