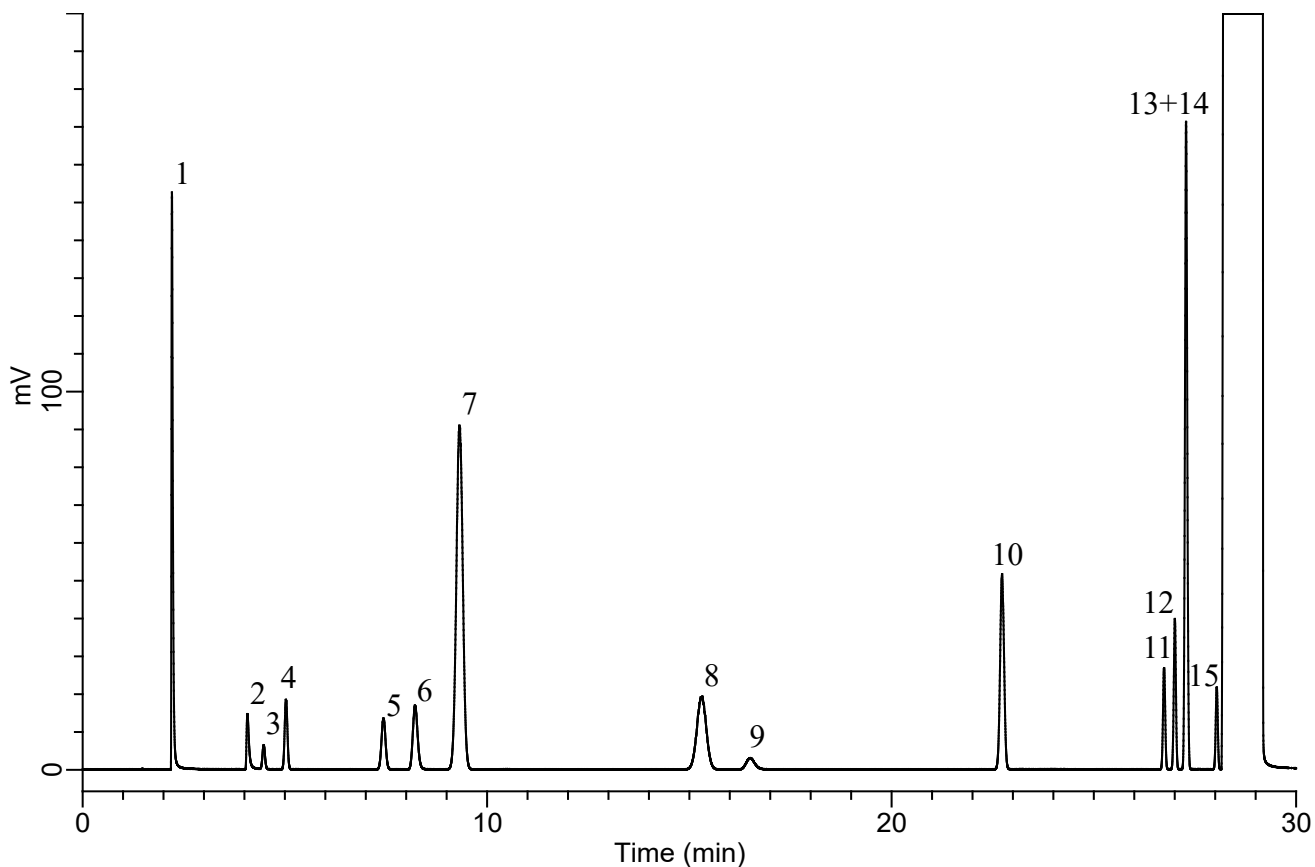


InertSearch for GC

InertCap Applications

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

Data No. GA 325-0155



Conditions

System : GC4000 Plus-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(20min)
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. Methanol	(2.205)
2. Acetonitrile	(4.071)
3. Dichloromethane	(4.473)
4. <i>trans</i> -1,2-Dichloroethylene	(5.023)
5. <i>cis</i> -1,2-Dichloroethylene	(7.432)
6. Tetrahydrofuran	(8.213)
7. Cyclohexane	(9.311)
8. Methylcyclohexane	(15.282)
9. 1,4-Dioxane	(16.502)
10. Toluene	(22.729)
11. Chlorobenzene	(26.734)
12. Ethylbenzene	(27.002)
13. <i>m</i> -Xylene	(27.278)
14. <i>p</i> -Xylene	(27.278)
15. <i>o</i> -Xylene	(28.037)