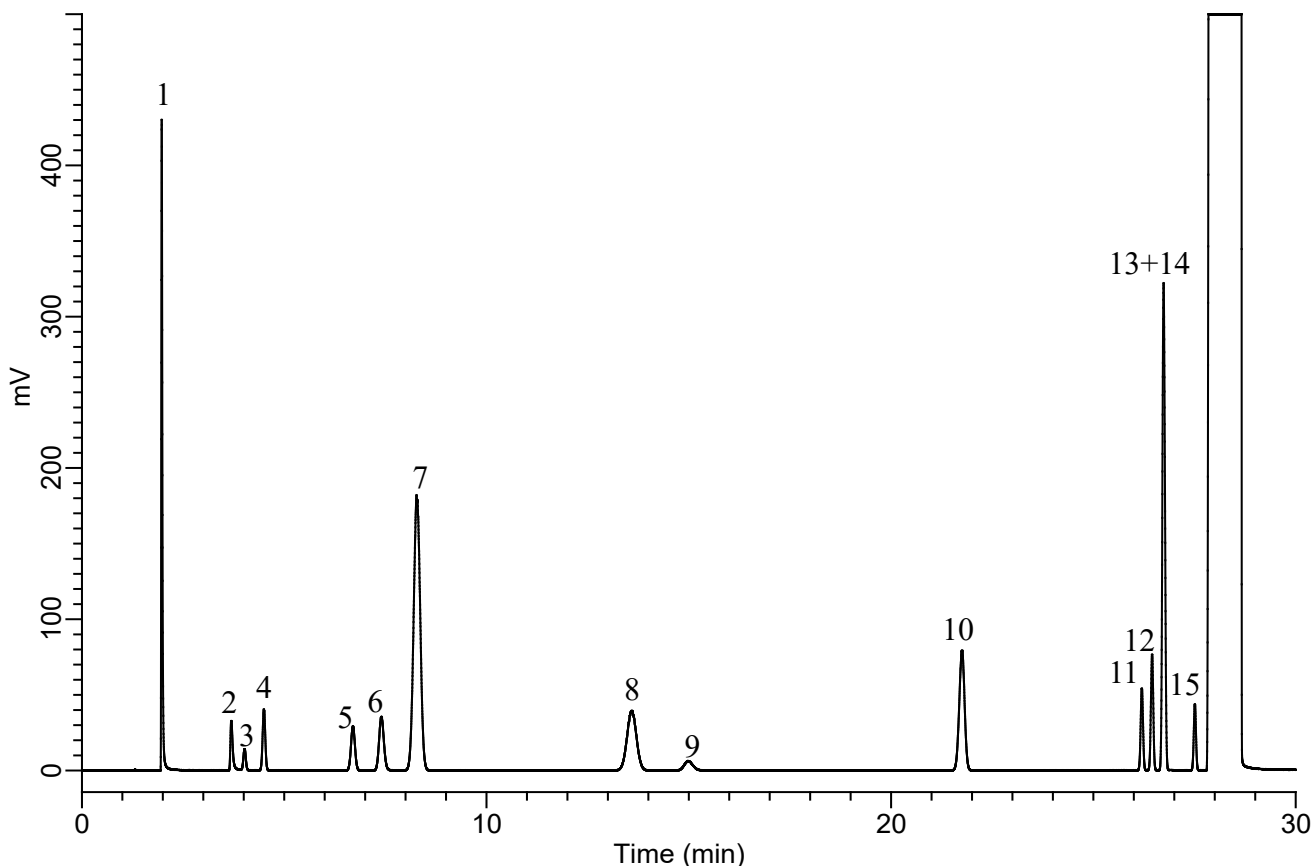


InertSearch for GC

InertCap Applications

Residual solvents in pharmaceuticals (JP 18 Standard stock solution Class 2 A)

Data No. GA 326-0155



Conditions

System : GC4000 Plus-FID
Column : InertCap 624MS
0.53 mm I.D. × 30 m df = 3.00 μm
Col. Cat. No. : 1010-64948
Col. Temp. : 40 °C(20 min) - 10 °C/min
- 240 °C(20 min)
Carrier Gas : He 4.98 mL/min (35cm/sec)
Injection : Split 10:1
250 °C
Detection : FID Auto Range
250 °C
Sample Size : 1.0 μL
Analyte in Dimethyl sulfoxide

Analyte (R.T. min)

1. Methanol	(1.970)
2. Acetonitrile	(3.689)
3. Dichloromethane	(4.015)
4. <i>trans</i> -1,2-Dichloroethylene	(4.496)
5. <i>cis</i> -1,2-Dichloroethylene	(6.697)
6. Tetrahydrofuran	(7.403)
7. Cyclohexane	(8.269)
8. Methylcyclohexane	(13.584)
9. 1,4-Dioxane	(14.984)
10. Toluene	(21.747)
11. Chlorobenzene	(26.196)
12. Ethylbenzene	(26.450)
13. <i>m</i> -Xylene	(26.735)
14. <i>p</i> -Xylene	(26.735)
15. <i>o</i> -Xylene	(27.507)