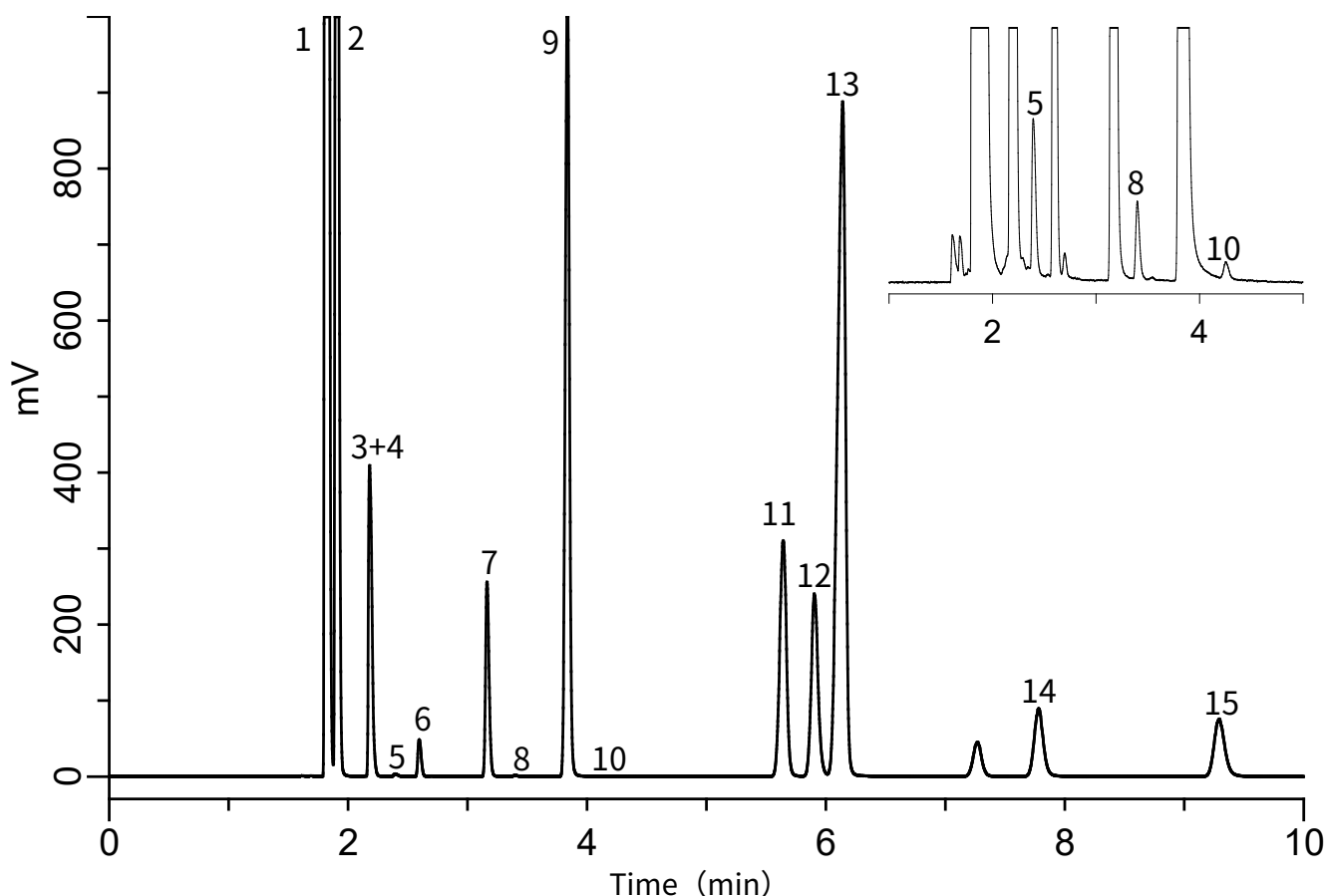


InertSearch for GC

InertCap Applications

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

Data No. GA 341-0155



Conditions

System : GC4000 Plus-FID
Column : InertCap WAX (GL Sciences Inc.)
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 : N₂ 2.20 mL/min (35 cm/sec)
Injection : Split 10:1 Manual Injection
140 °C
Detection : FID Auto Range
250 °C
Sample Size : Head Space Gas 1mL

Analyte

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