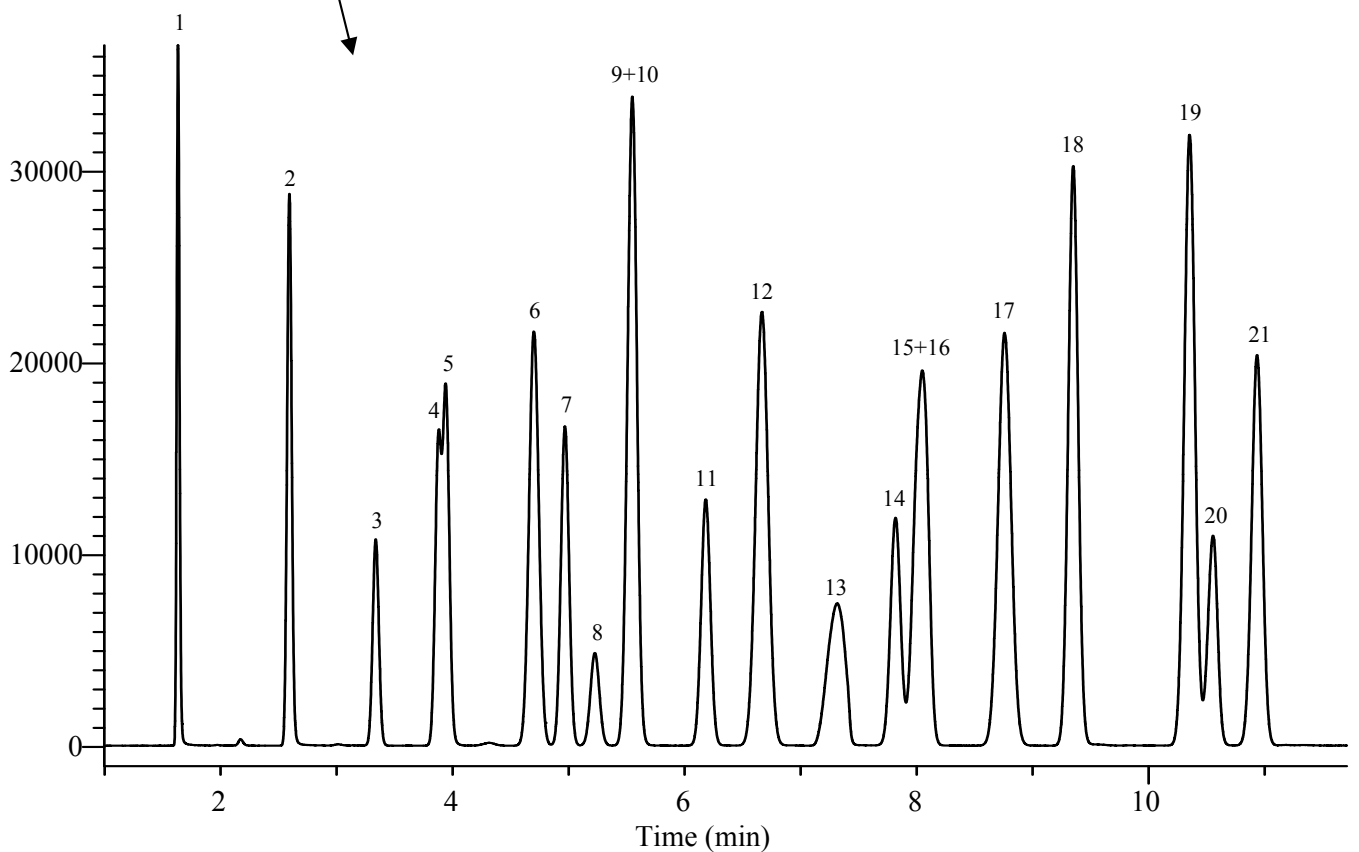
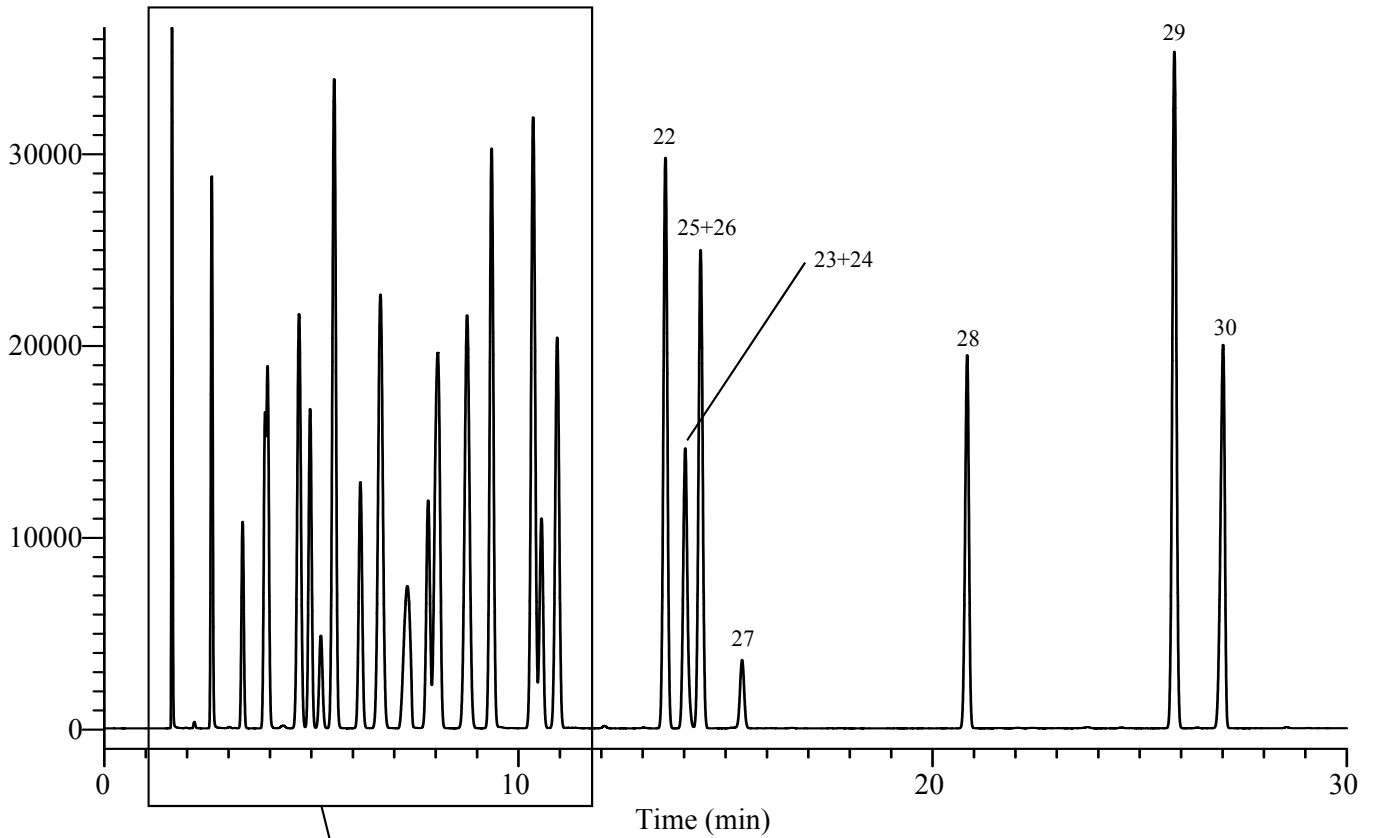


# InertSearch™ for GC

InertCap® Applications

## Residual solvents in pharmaceuticals Class2

Data No. GA126-0850



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InertCap® Applications

## Residual solvents in pharmaceuticals Class2

Data No. GA126-0850

### Conditions

<b>System</b>	: GC/FID
<b>Column</b>	: InertCap 5 0.53 mm I.D. x 30 m df = 5.0 µm
<b>Col. Cat. No.</b>	: 1010-18449
<b>Col. Temp.</b>	: 40 °C - 5 °C/min - 190 °C
<b>Carrier Gas</b>	: He 20 kPa
<b>Injection</b>	: Split flow 200 mL/min 240 °C
<b>Detection</b>	: FID Range 10 <sup>2</sup> 240 °C
<b>Sample Size</b>	: Mixed evenly 0.5 µL

### **Analyte** :

- |   |                                   |
|---|-----------------------------------|
| 1. Methanol                             | 16. 1,4-Dioxane                   |
| 2. Acetonitrile                         | 17. Methylcyclohexane             |
| 3. Dichloromethane                      | 18. Pyridine                      |
| 4. trans-1,2-Dichloroethylene           | 19. Toluene                       |
| 5. Nitromethane                         | 20. N,N-Dimethylformamide         |
| 6. n-Hexane                             | 21. 2-Hexanone(MBK)               |
| 7. cis-1,2-Dichloroethylene             | 22. Chlorobenzene                 |
| 8. Chloroform                           | 23. N,N-Dimethylacetamide         |
| 9. Tetrahydrofuran                      | 24. Ethylbenzene                  |
| 10. 2-Methoxyethanol(Methyl cellosolve) | 25. p-Xylene                      |
| 11. 1,2-Dimethoxyethane                 | 26. m-Xylene                      |
| 12. Cyclohexane                         | 27. o-Xylene                      |
| 13. Ethylene glycol                     | 28. N-methyl-2-pyrrolidone        |
| 14. Trichloroethylene                   | 29. 1,2,3,4-Tetrahydronaphthalene |
| 15. 2-Ethoxyethanol                     | 30. Sulfolane                     |

Xylene mixture (m-Xylene, p-Xylene, o-Xylene, Ethylbenzene) was used.