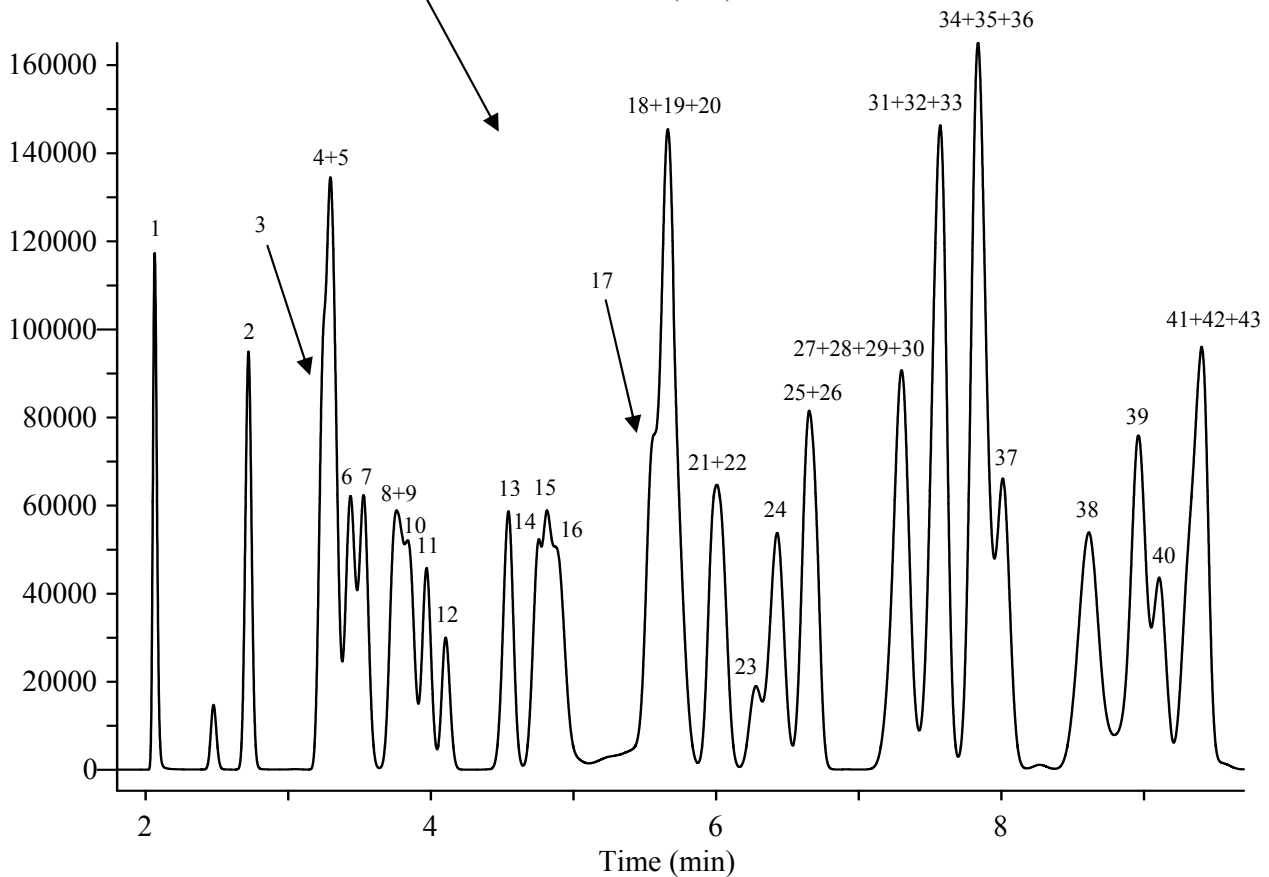
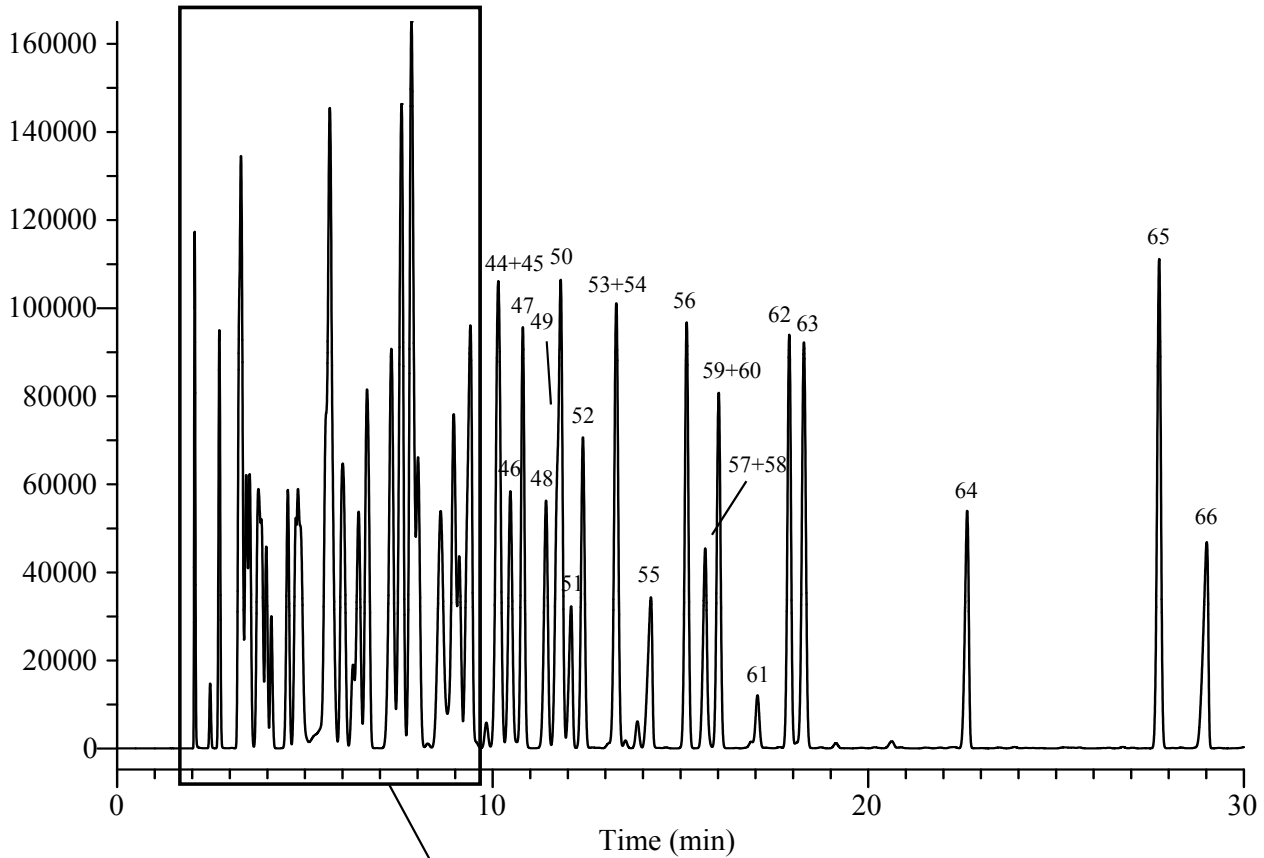


InertSearch™ for GC

InertCap® Applications

Residual solvents in pharmaceuticals

Data No. GA124-0850



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Residual solvents in pharmaceuticals

Data No. GA124-0850

Conditions

| | |
|----------------------|---|
| System | : GC/FID |
| Column | : InertCap 5 0.53 mm I.D. x 30 m df = 5.0 µm |
| Col. Cat. No. | : 1010-18449 |
| Col. Temp. | : 40 °C - 5 °C/min - 190 °C |
| Carrier Gas | : He 20 kPa |
| Injection | : Split flow 25 mL/min 240 °C |
| Detection | : FID Range 10 ² 240 °C |
| Sample Size | : Mixed evenly 0.5 µL |

Analyte :

| | | |
|--------------------------------------|---|---|
| 1. Methanol | 24. 2-Methyl-1-propanol (Isobutyl alcohol) | 45. 3-Methyl-1-butanol (Isoamyl alcohol) |
| 2. Ethanol | 25. Tetrahydrofuran | 46. 4-Methyl-2-pentanone(MIBK) |
| 3. Acetonitrile | 26. 2-Methoxyethanol (Methyl cellosolve) | 47. Pyridine |
| 4. Acetone | 27. 1,2-Dimethoxyethane | 48. 1-Pentanol(Amyl alcohol) |
| 5. 2-Propanol (Isopropyl alcohol) | 28. 1,1,1-Trichloroethane | 49. Isobutyl acetate |
| 6. n-Pentane | 29. 1,2-Dichloroethane | 50. Toluene |
| 7. Diethyl ether | 30. 2,2-Dimethoxypropane | 51. N,N-Dimethylformamide |
| 8. Ethyl formate | 31. Methyl isopropyl ketone | 52. 2-Hexanone(MBK) |
| 9. 1,1-Dimethoxymethane | 32. Isopropyl acetate | 53. Propionaldehyde diethyl acetal |
| 10. 1,1-Dichloroethylene | 33. 1-Butanol | 54. n-Butyl acetate |
| 11. Methyl acetate | 34. Benzene | 55. Dimethyl sulfoxide(DMSO) |
| 12. Dichloromethane | 35. Carbon tetrachloride | 56. Chlorobenzene |
| 13. 1-Propanol | 36. Cyclohexane | 57. N,N-Dimethylacetamide |
| 14. trans-1,2-Dichloroethylene | 37. 2-Methyltetrahydrofuran | 58. Ethylbenzene |
| 15. tert-Butyl methyl ether | 38. 2,2,4-Trimethylpentane | 59. p-Xylene |
| 16. Nitromethane | 39. n-Heptane | 60. m-Xylene |
| 17. 2-Butanone(MEK) | 40. Trichloroethylene | 61. o-Xylene |
| 18. 2-Butanol | 41. 2-Ethoxyethanol | 62. Anisole |
| 19. n-Hexane | 42. n-Propyl acetate | 63. Cumene |
| 20. Diisopropyl ether | 43. 1,4-Dioxane | 64. N-methyl-2-pyrrolidone |
| 21. cis-1,2-Dichloroethylene | 44. Methylcyclohexane | 65. 1,2,3,4-Tetrahydronaphthalene |
| 22. Ethyl acetate | | 66. Sulfolane |
| 23. Chloroform | | |

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