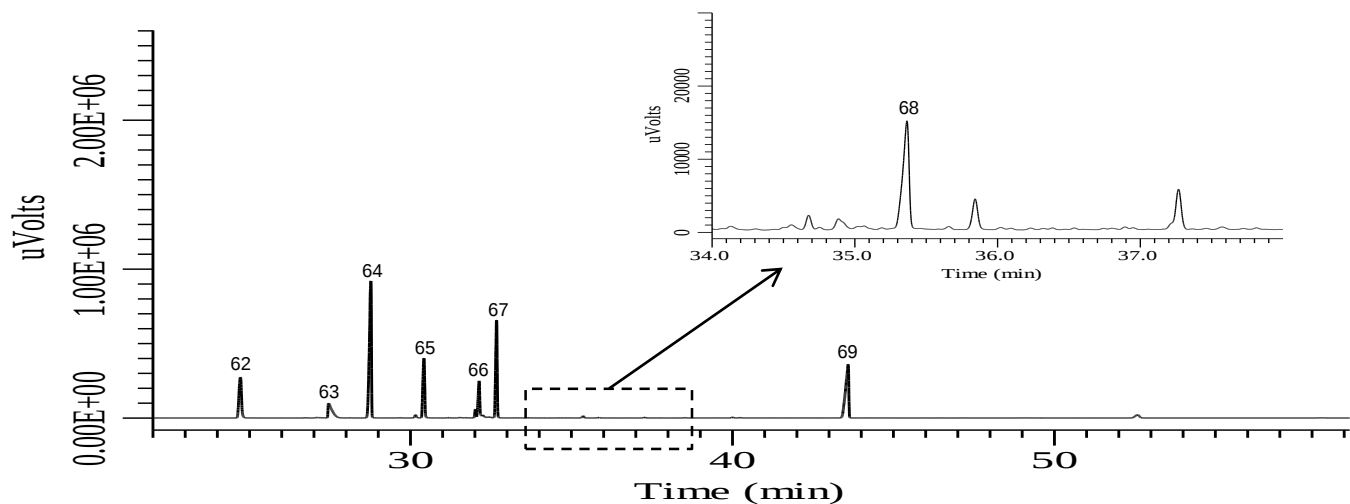
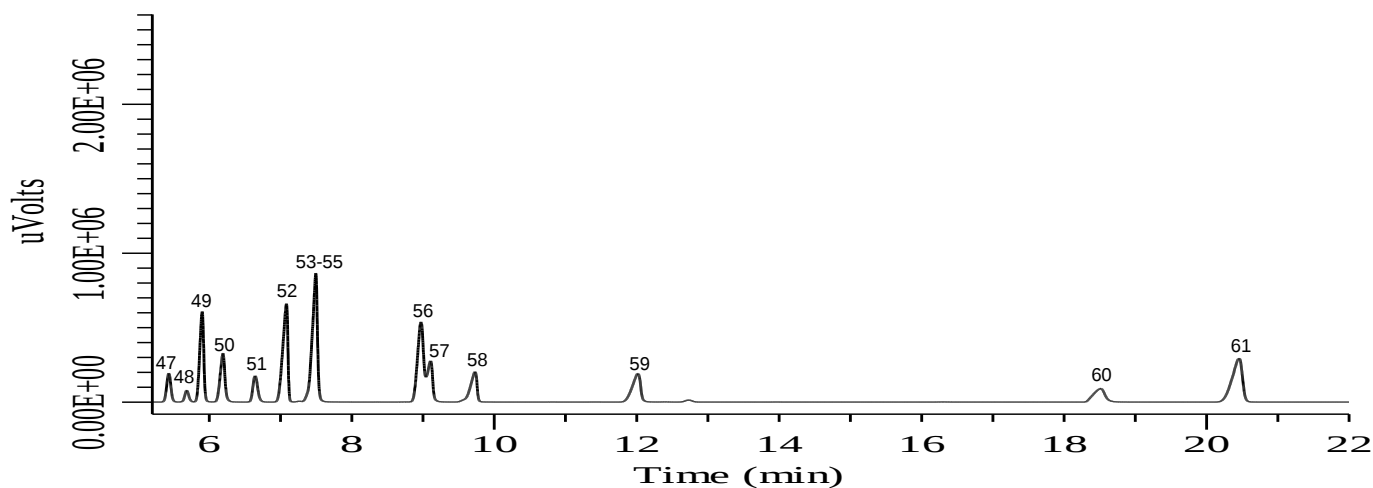
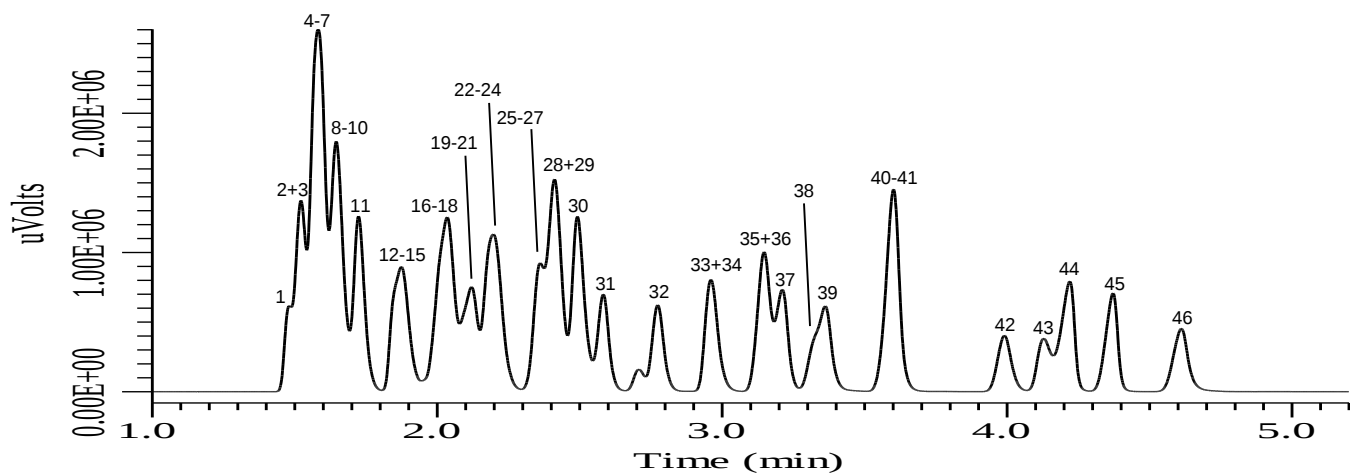


InertSearch™ for GC

InertCap® Applications

Residual solvents in pharmaceuticals

Data No. GA 281-0904



Residual solvents in pharmaceuticals

Data No. GA 281-0904

Conditions

System	: GC4000 Plus-FID
Column	: InertCap WAX 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	: He 2.20 mL/min
Injection	: Split 5:1 140 °C
Detection	: FID Auto Range 250 °C
Sample Size	: Mixed evenly 0.1 µL ※Xylene mixture (m-Xylene, p-Xylene, o-Xylene, Ethylbenzene) was used.

Analyte

1. <i>n</i> -Pentane	26. 2-Propanol	50. 1-Butanol
2. <i>n</i> -Hexane	27. Methyl isopropyl ketone	51. Nitromethane
3. Diethyl ether	28. Dichloromethane	52. Cumene
4. Isooctane	29. Ethanol	53. Methyl cellosolve (2-Methoxyethanol)
5. Diisopropyl ether	30. Benzene	54. Pyridine
6. <i>tert</i> -Butyl methyl ether	31. 1,1-Diethoxypropane	55. <i>o</i> -Xylene
7. <i>n</i> -Heptane	32. Propyl acetate	56. Chlorobenzene
8. 1,1-Dichloroethylene	33. <i>cis</i> -1,2-Dichloroethylene	57. Isoamyl alcohol (3-methyl-1-butanol)
9. 1,1-Dimethoxymethane	34. 1,1,2-Trichloroethylene	58. 2-Ethoxyethanol (Ethyl Cellosolve)
10. Cyclohexane	35. Acetonitrile	59. Amyl alcohol (1-Pentanol)
11. Methylcyclohexane	36. Methyl isobutyl ketone	60. <i>N,N</i> -Dimethylformamide
12. Acetone	37. Isobutyl acetate	61. Anisole
13. 2,2-Dimethoxypropane	38. Chloroform	62. <i>N,N</i> -Dimethylacetamide
14. Methyl acetate	39. 2-Butanol	63. Acetic acid
15. Ethyl formate	40. 1-Propanol	64. Tetralin
16. Tetrahydrofuran	41. Toluene	65. Dimethyl sulfoxide
17. <i>trans</i> -1,2-Dichloroethylene	42. 1,4-Dioxane	66. Ethylene glycol
18. 2-Methyltetrahydrofuran	43. 1,2-Dichloroethane	67. <i>N</i> -Methylpyrrolidone
19. 1,1,1-Trichloroethane	44. <i>n</i> -Butyl acetate	68. Formamide
20. Carbon Tetrachloride	45. Methyl butyl ketone	69. Sulfolane
21. Ethyl acetate	46. Isobutanol (2-Methyl-1-Propanol)	
22. Methanol	47. Ethylbenzene	
23. Methyl ethyl ketone	48. <i>p</i> -Xylene	
24. Isopropyl acetate	49. <i>m</i> -Xylene	
25. 1,2-Dimethoxyethane		