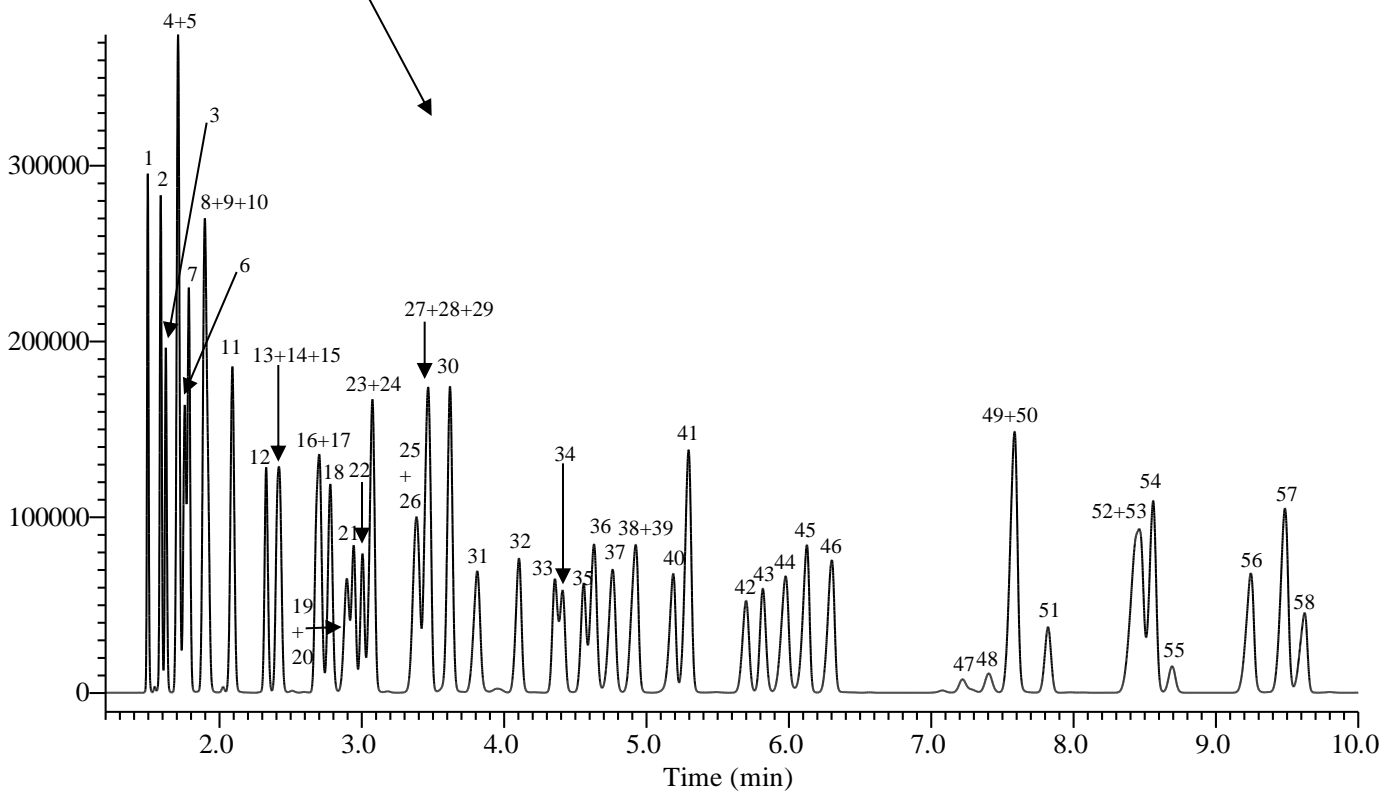
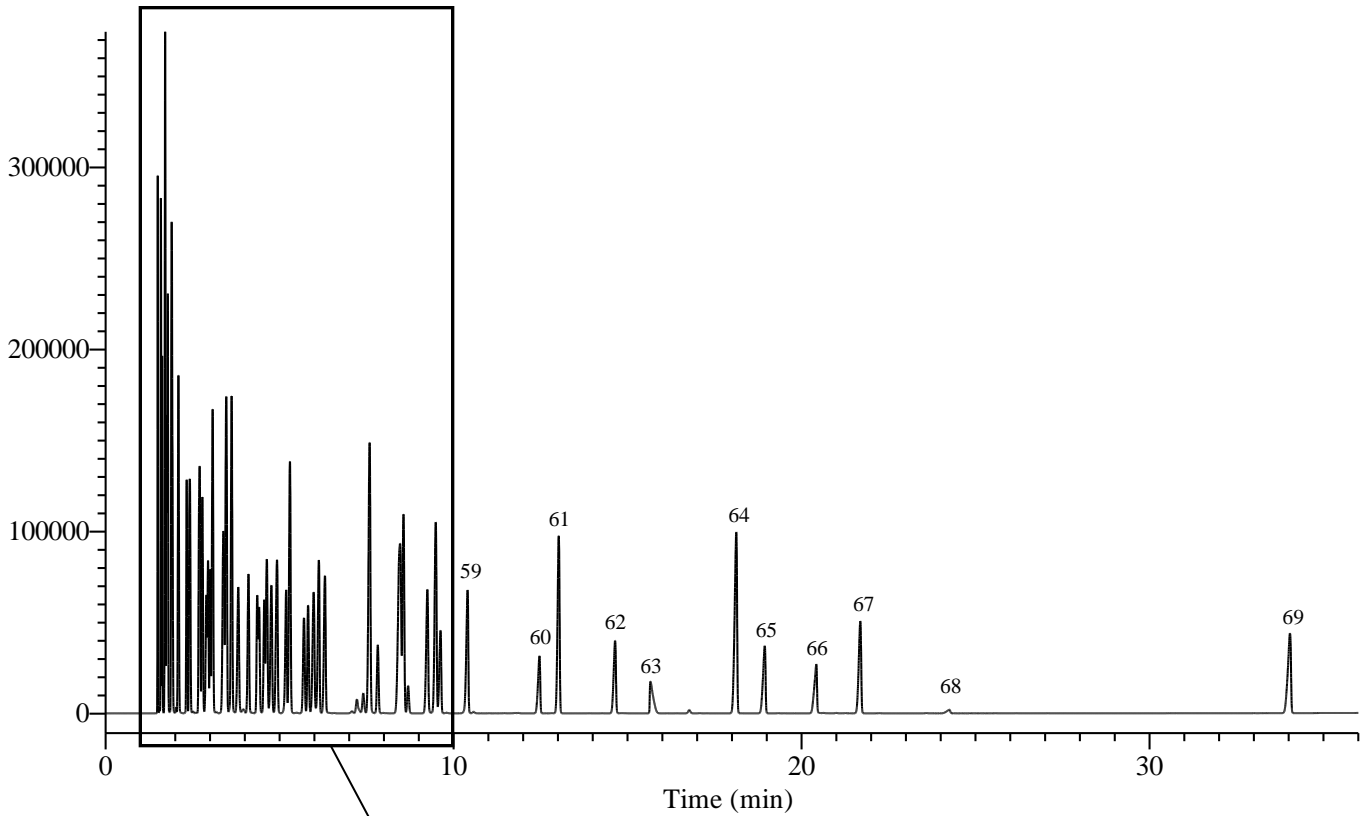


Residual solvents in pharmaceuticals



Residual solvents in pharmaceuticals

Conditions

System	: GC/FID
Column	: InertCap Pure-WAX 0.53 mm I.D. x 30 m df = 1.0 µm
Col. Cat. No.	: 1010-68445
Col. Temp.	: 40 °C - 5 °C/min - 230 °C (2 min hold)
Carrier Gas	: He 25 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. n-Pentane	25. 1,2-Dimethoxyethane	48. p-Xylene
2. n-Hexane	26. 2-Propanol(Isopropyl alcohol)	49. 1-Butanol
3. Diethyl ether	27. Dichloromethane	50. m-Xylene
4. 2,2,4-Trimethylpentane	28. Ethanol	51. Nitromethane
5. Diisopropyl ether	29. Methyl isopropyl ketone	52. 2-Methoxyethanol (Methyl cellosolve)
6. tert-Butyl methyl ether	30. Benzene	53. Cumene
7. n-Heptane	31. Propionaldehyde diethyl acetal	54. Pyridine
8. 1,1-Dimethoxymethane	32. n-Propyl acetate	55. o-Xylene
9. Cyclohexane	33. cis-1,2-Dichloroethylene	56. 3-Methyl-1-butanol (Isoamyl alcohol)
10. 1,1-Dichloroethylene	34. Trichloroethylene	57. Chlorobenzene
11. Methylcyclohexane	35. Acetonitrile	58. 2-Ethoxyethanol
12. Acetone	36. 4-Methyl-2-pentanone(MIBK)	59. 1-Pentanol(Amyl alcohol)
13. 2,2-Dimethoxypropane	37. Isobutyl acetate	60. N,N-Dimethylformamide
14. Methyl acetate	38. Chloroform	61. Anisole
15. Ethyl formate	39. 2-Butanol	62. N,N-Dimethylacetamide
16. Tetrahydrofuran	40. 1-Propanol	63. Acetic acid
17. trans-1,2-Dichloroethylene	41. Toluene	64. 1,2,3,4-Tetrahydronaphthalene
18. 2-Methyltetrahydrofuran	42. 1,4-Dioxane	65. Dimethyl sulfoxide(DMSO)
19. 1,1,1-Trichloroethane	43. 1,2-Dichloroethane	66. Ethylene glycol
20. Carbon tetrachloride	44. n-Butyl acetate	67. N-methyl-2-pyrrolidone
21. Ethyl acetate	45. 2-Hexanone(MBK)	68. Formamide
22. Methanol	46. 2-Methyl-1-propanol (Isobutyl alcohol)	69. Sulfolane
23. 2-Butanone(MEK)	47. Ethylbenzene	
24. Isopropyl acetate		

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