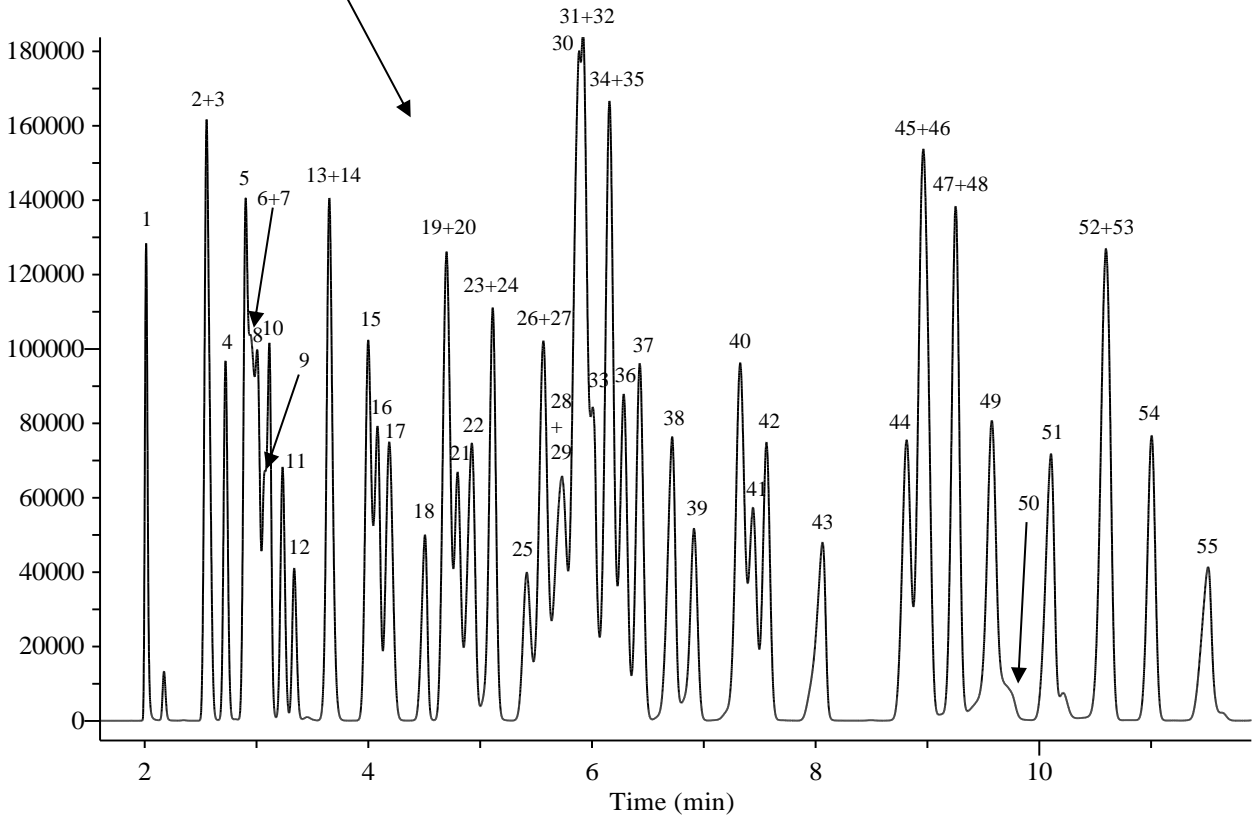
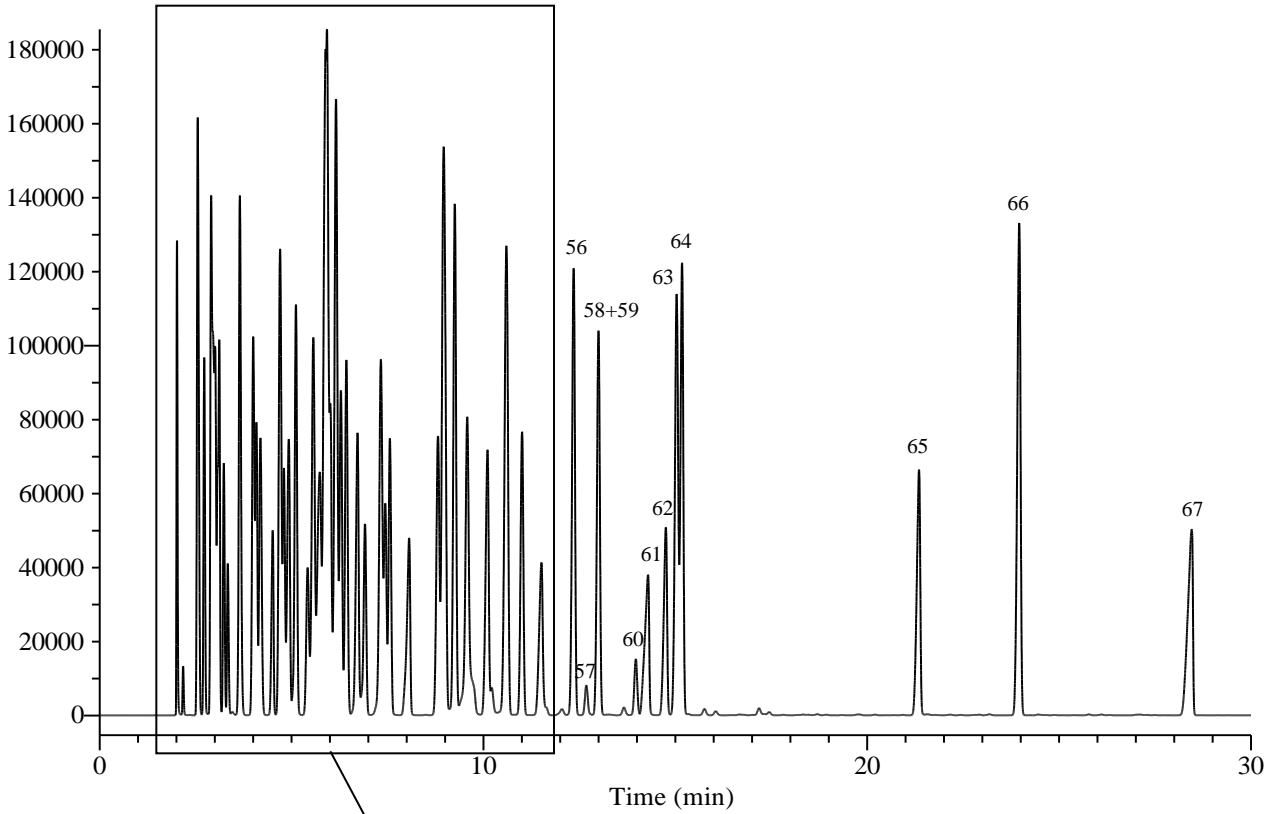


Residual solvents in pharmaceuticals



Residual solvents in pharmaceuticals

Conditions

System	: GC/FID
Column	: InertCap 624 0.53 mm I.D. x 30 m df = 3.0 µm
Col. Cat. No.	: 1010-14948
Col. Temp.	: 40 °C - 5 °C/min - 230 °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	23. Tetrahydrofuran	45. Pyridine
2. Ethanol	24. Chloroform	46. 3-Methyl-1-butanol
3. n-Pentane	25. 1,1,1-Trichloroethane	(Isoamyl alcohol)
4. Diethyl ether	26. Cyclohexane	47. Toluene
5. Acetone	27. 2,2-Dimethoxypropane	48. Ethylene glycol
6. 1,1-Dichloroethylene	28. Carbon tetrachloride	49. Isobutyl acetate
7. 1,1-Dimethoxymethane	29. 2-Methyl-1-propanol	50. Formamide
8. 2-Propanol	(Isobutyl alcohol)	51. 1-Pentanol(Amyl alcohol)
(Isopropyl alcohol)	30. 1,2-Dimethoxyethane	52. Propionaldehyde diethyl acetal
9. Ethyl formate	31. 1,2-Dichloroethane	53. 2-Hexanone(MBK)
10. Acetonitrile	32. Benzene	54. n-Butyl acetate
11. Methyl acetate	33. Isopropyl acetate	55. N,N-Dimethylformamide
12. Dichloromethane	34. 2,2,4-Trimethylpentane	56. Chlorobenzene
13. trans-1,2-Dichloroethylene	35. 2-Methyltetrahydrofuran	57. Ethylbenzene
14. tert-Butyl methyl ether	36. Methyl isopropyl ketone	58. m-Xylene
15. n-Hexane	37. n-Heptane	59. p-Xylene
16. 1-Propanol	38. 1-Butanol	60. o-Xylene
17. Diisopropyl ether	39. Trichloroethylene	61. Dimethyl sulfoxide(DMSO)
18. Nitromethane	40. Methylcyclohexane	62. N,N-Dimethylacetamide
19. 2-Butanone(MEK)	41. 1,4-Dioxane	63. Cumene
20. cis-1,2-Dichloroethylene	42. n-Propyl acetate	64. Anisole
21. Ethyl acetate	43. 2-Ethoxyethanol	65. N-methyl-2-pyrrolidone
22. 2-Butanol	44. 4-Methyl-2-pentanone(MIBK)	66. 1,2,3,4-Tetrahydronaphthalene
		67. Sulfolane

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