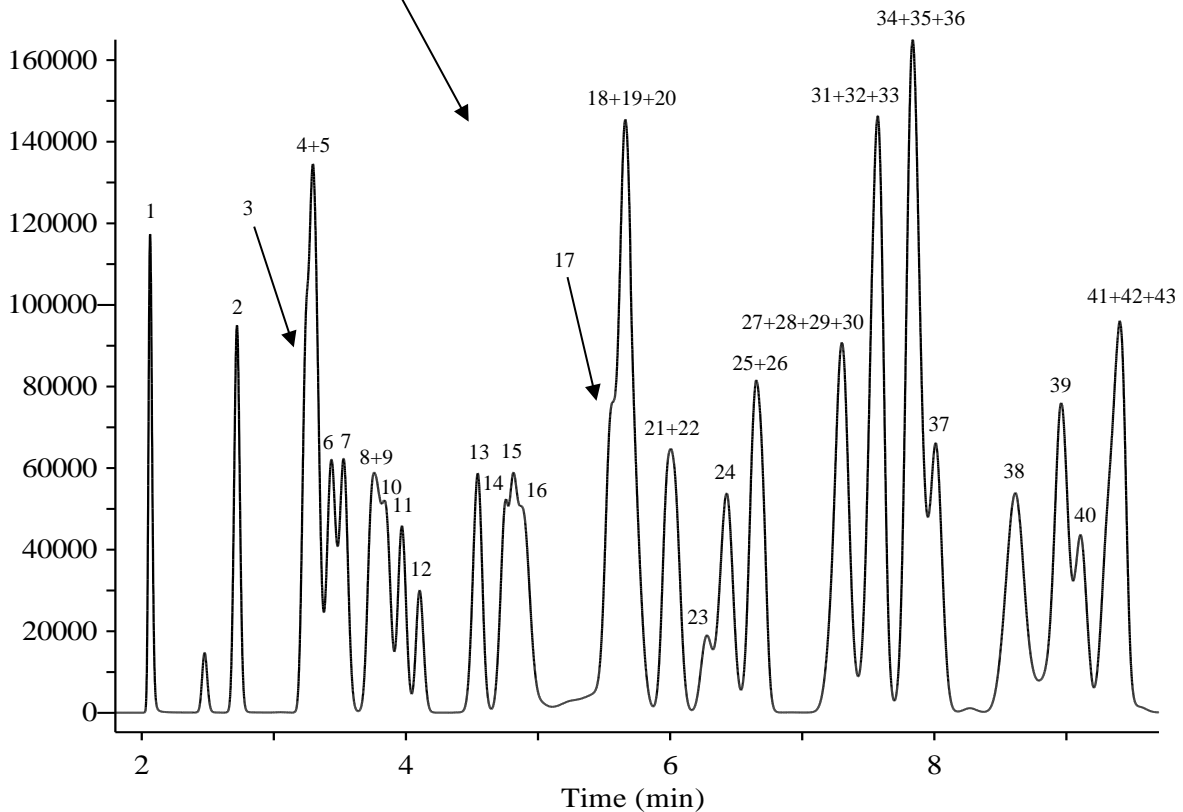
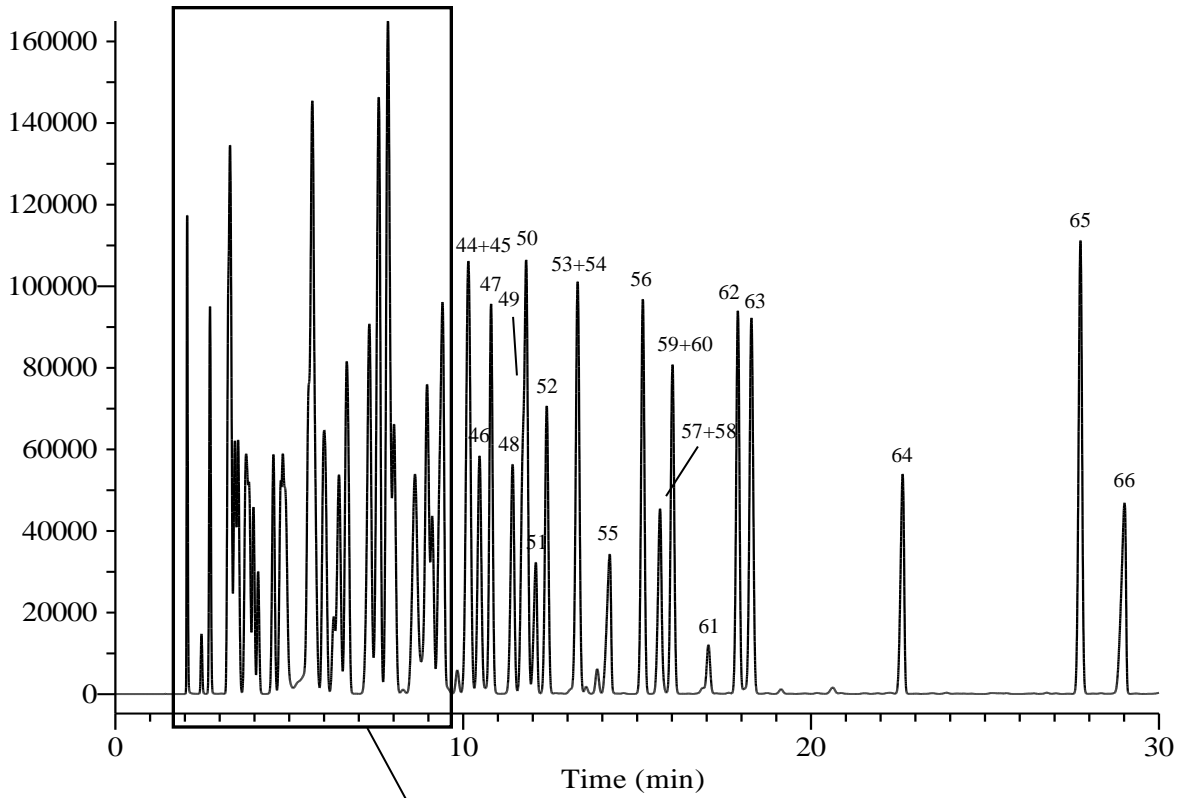


Residual solvents in pharmaceuticals



Residual solvents in pharmaceuticals

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.