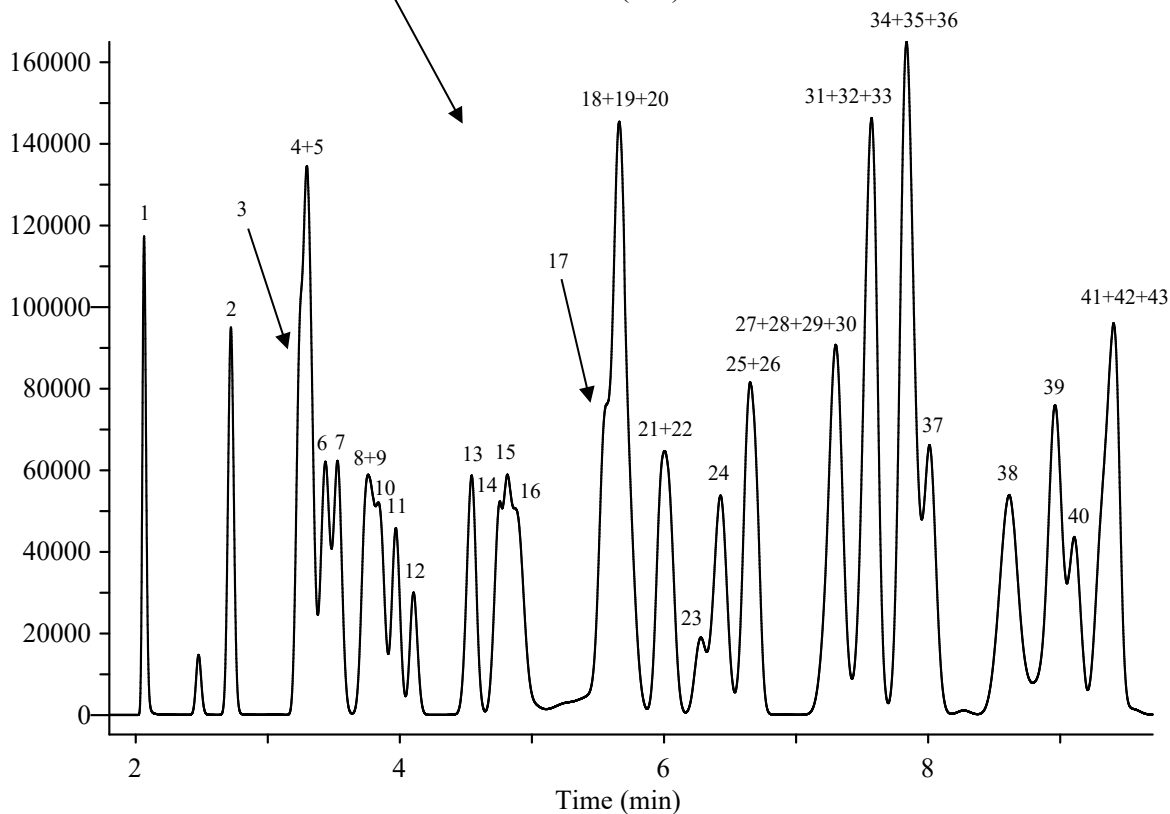
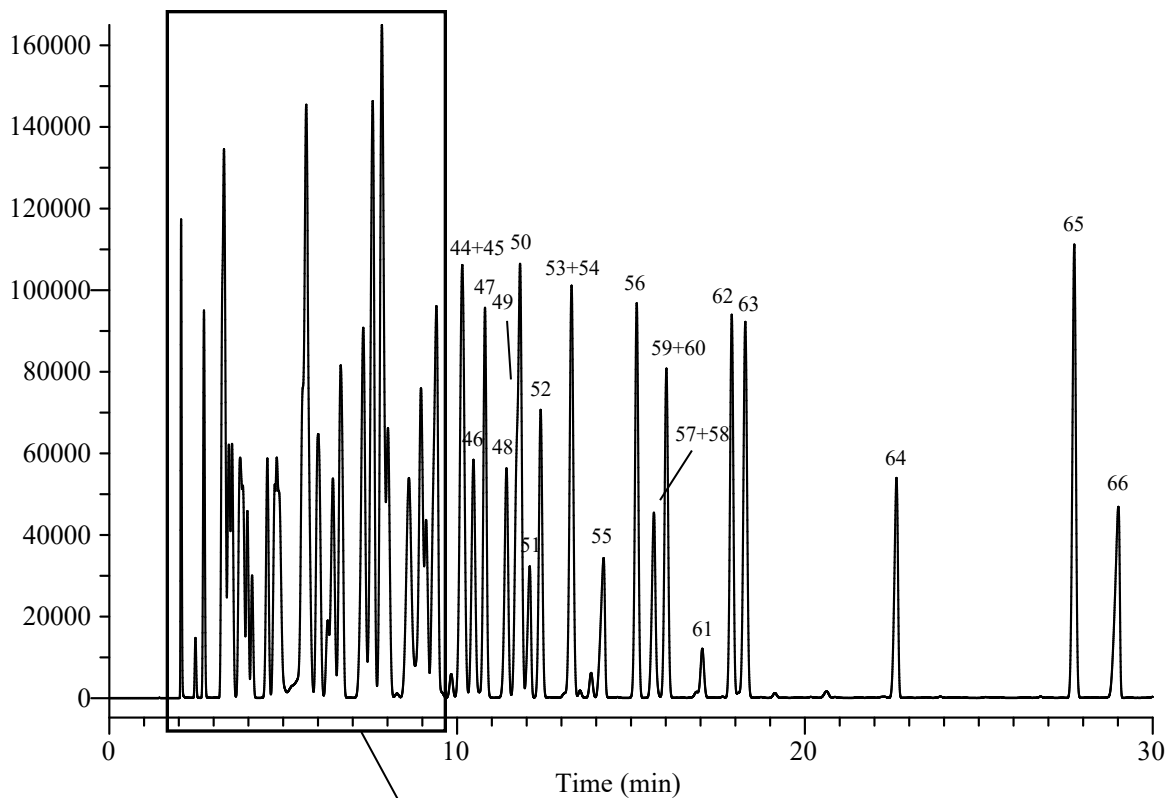


InertSearch™ for GC

InertCap® Applications

Residual solvents in pharmaceuticals

Data No. GA124-0850



InertSearch™ for GC

InertCap® Applications

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.

InertSearch™ for GC

InertCap® Applications

関連キーワード
GA124
0850
GL Sciences Inc.
Cas. No.
GC
Gas Chromatography
Chromatogram
residual solvents
solvents
Japanese Pharmacopoeia
medicine
VOC
working environment
ジーエルサイエンス株式会社
イナートサーチ
イナートキャップ
クロマトグラム
キャピラリーカラム
ガスクロマトグラフィー
残留溶剤
溶剤
日本薬局方
医薬品
揮発性有機化合物
作業環境