

APPLICATION NOTE

Subject : Analysis of residual solvents (n-Hexane, Ethyl acetate, 2-propanol, N,N-dimethylacetamide) in drugs

► Analysis Condition :

Oven : 35 °C (5min) - 10 °C/min - 200 °C (5min)

Column : HP-INNOWAX (30m*0.53mm*1.0um)

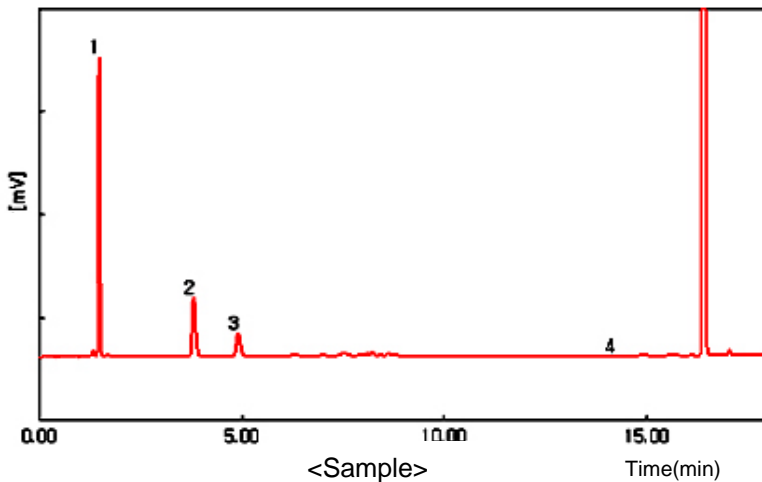
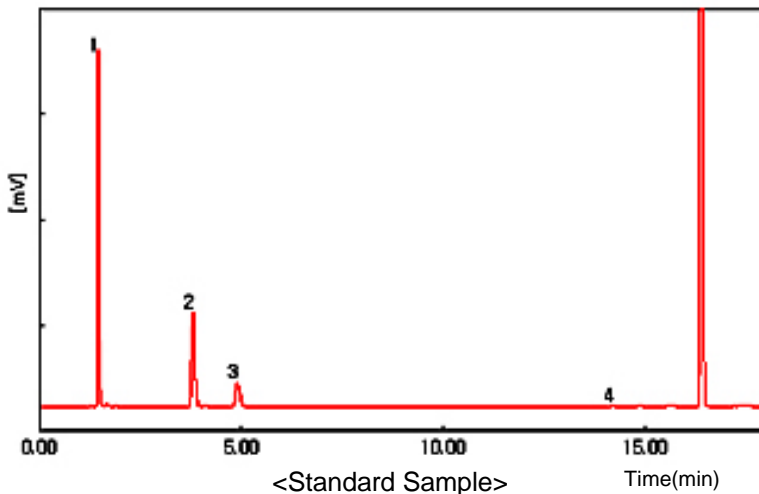
Carrier gas : He, 6.0 ml/min (Split ratio 5:1)

Injector : Capillary 230 °C

Detector : FID 250 °C

Headspace : 80 °C (60min Heating), Gas 1ml Injection

► Chromatogram



Peak Lists

- 1) n-Hexane
(Restricted Conc. : 290ppm)
- 2) Ethyl Acetate
(Restricted Conc. : 5000ppm)
- 3) 2-Propanol
(Restricted Conc. : 5000ppm)
- 4) N,N-dimethylacetamide
(Restricted Conc. : 1090ppm)

