

## Analysis of Class I Residual Solvents in Pharmaceutical Ingredients

### 1. Analytical Condition

#### YL6500 GC + YL 6900 GC/MSD System

Oven : 40 °C ( 40 min ) -> 30 °C/min -> 240 °C ( 5 min )

Column : DB-624 ( 60 m × 0.25 mm × 1.4 μm )

Carrier Gas : He, 1 mL/min ( Split Ratio 3 : 1 )

Injector : Capillary 250 °C

Detector : MSD (Scan & SIM Mode)

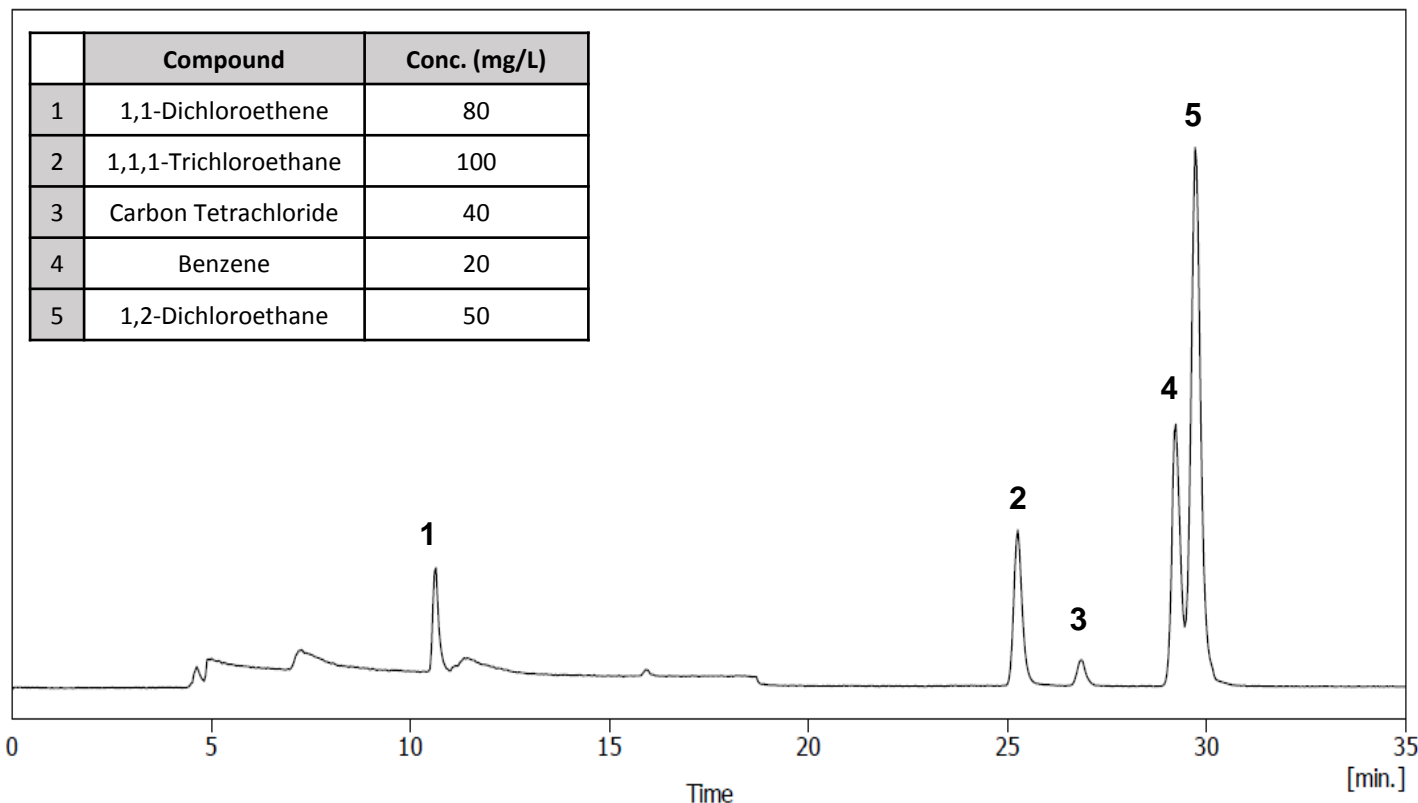
Ion Source : 230 °C , Transfer Line : 250 °C

Scan Range : 30 - 350 amu

Injection volume: 1 μL

### 2. Chromatogram (Scan Mode)

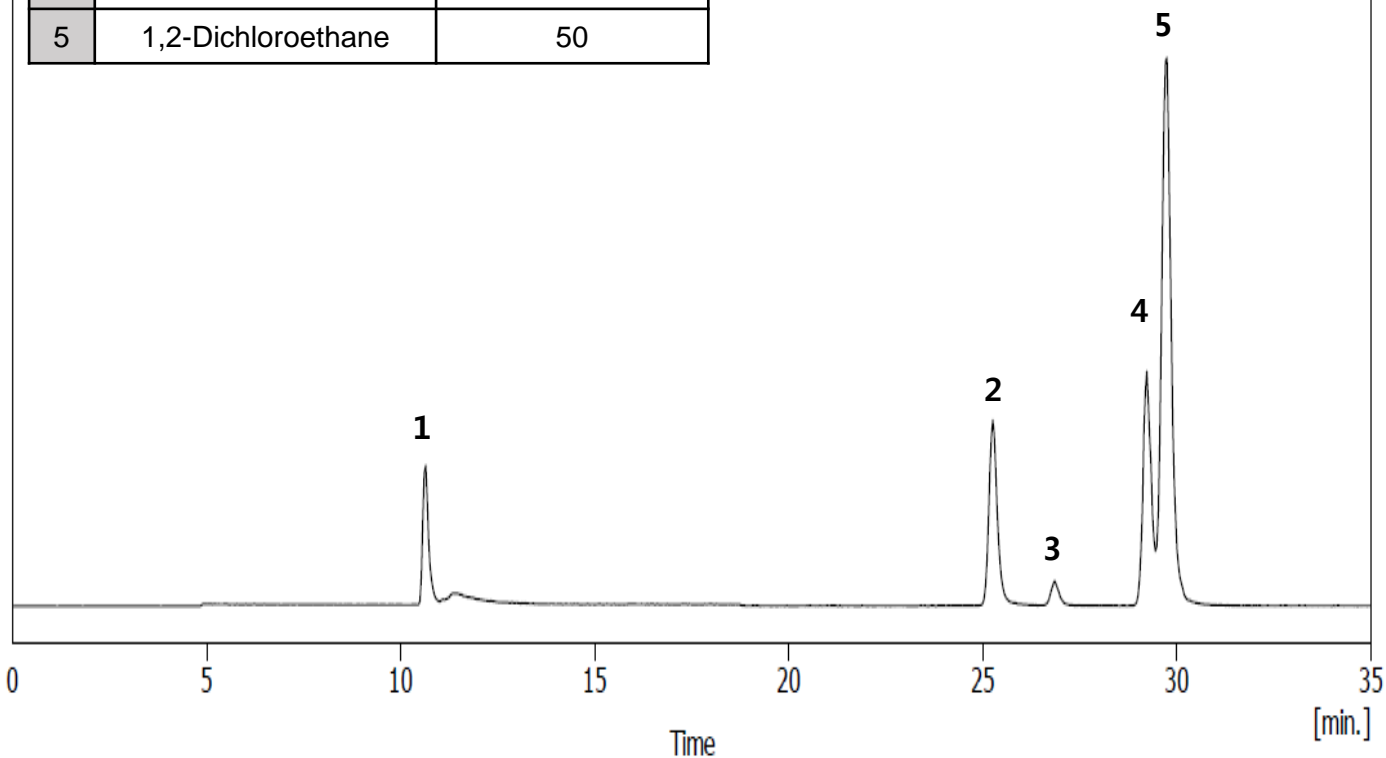
	Compound	Conc. (mg/L)
1	1,1-Dichloroethene	80
2	1,1,1-Trichloroethane	100
3	Carbon Tetrachloride	40
4	Benzene	20
5	1,2-Dichloroethane	50



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## 4. Spectra

