

# APPLICATION NOTE

## Analysis of 5 class Organophosphorus agrichemicals

### 1. Analysis Condition

#### *Acme6000 Series*

Oven : 200°C (Holding 1 min)–Increase Temp. 10 °C/min–250 °C(Holding 5 min)

Column : HP-5 (30m\*0.32mm\*0.25um)

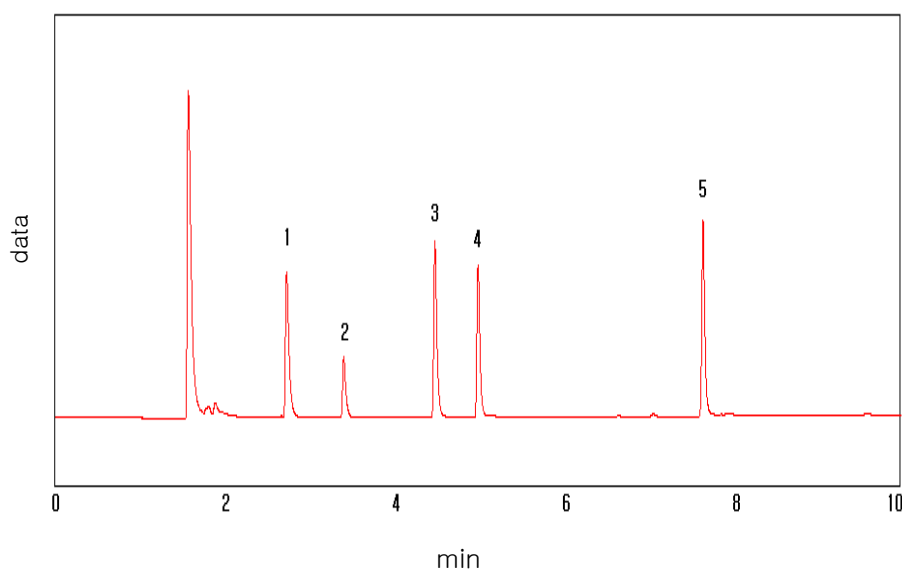
Carrier gas : He, 3.0 ml/min (Split ratio 10:1)

Injector : Capillary 300°C

Detector : NPD 300°C (Bead Power 3.2, R=1, A=1)

Injection Volume : 1 ul

### 2. Chromatogram



1. Diazinon
2. Fenitrothion
3. Malathion
4. Parathion
5. EPN

