



Younglin Application Note

REF No. : YL-APP-986001

Subject : Analysis of Pesticide using PDECD

Key Words

:PDECD, Chlorinated pesticides



Instrument

- Younglin 600 Series GC with Valco PDD(ECD Mode)
- Younglin Autochro-WIN

Analysis conditions

- Column : HP-5(25m x 0.32mm x 0.53um)
- Inj.temp. : 230; \dot{E}
- Det.temp. : 250; \dot{E}
- Oven temp.(Programming) : 170; \dot{E} 1min) to 270; \dot{E} 5min) at 5; \dot{E} min
- Column Flow : 3ml/min
- Detector : PDD
- Discharge gas : 30ml/min
- Dopant gas : 3.3ml/min 5% CH₄/He

Sample

- γ-BHC 0.1ppm
- α-BHC 0.1ppm
- β-BHC 0.1ppm
- δ-BHC 0.1ppm
- DDD 0.05ppm
- DDE 0.05ppm
- DDT 0.05ppm
- Aldrine 0.005ppm
- Deldrine 0.005ppm
- Endrine 0.005ppm

Chromatogram

