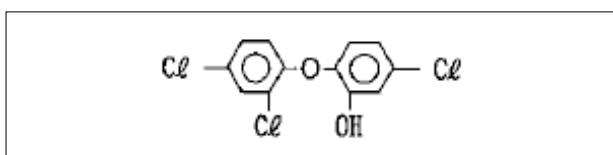


## Quantitative analysis of Irgasan DP-300 in Surfactant

Irgasan DP-300 was analyzed by the silica C18 column Finepak SIL C18S. Fig.1 shows the chromatogram obtained by injecting 10ul of a standard sample (47.6 mg/100 mL) of Irgasan DP-300. Fig.2 shows the chromatogram obtained by injecting 10ul of surfactant diluted 10 times. 3.14g of Irgasan DP-300 was considered to be contained in 1L of surfactant.

### Conditions:

Pump:	PU-980
Detector :	UV-970
Wavelength :	280nm
Sensitivity :	0.64 AUFS
Column :	Finepak SIL C18S
Eluent :	CH <sub>3</sub> CN/10mM KH <sub>2</sub> PO <sub>4</sub> (pH 2.5) (70/30)
Flow rate :	1.0 ml/min
Temperature :	40 degree celsius
Sample :	Irgasan DP-300 Surfactant



Irgasan DP-300

