

Aromatic Compounds analysis in atmospheric air By Gas Chromatography

1. Analytical condition

YL 6500 Series

Oven : 35°C (for 8 min)- temp-programed 10 °C/min-230 °C(for 5 min)

Column : HP-INNOWAX(30m*0.32mm*0.5um)

Carrier gas : He, 1.0 ml/min (Split ratio 20:1)

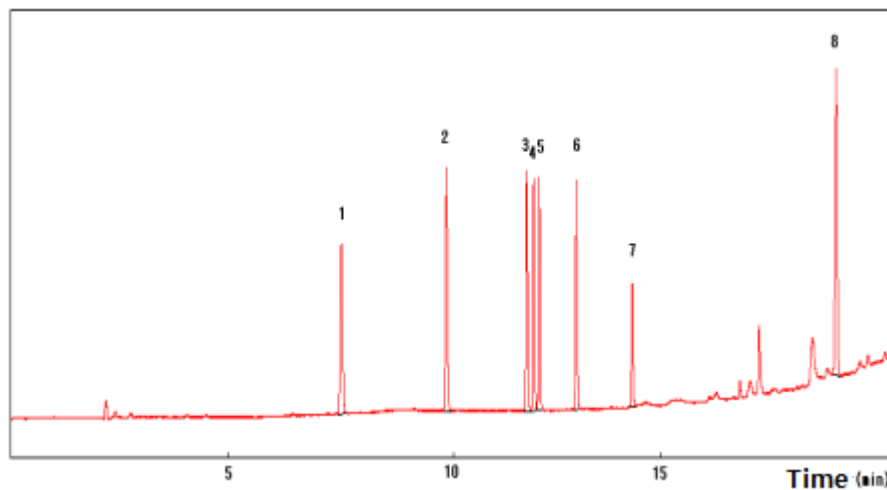
Injector : Capillary 250°C

Detector : FID 250°C

Sample : BTEX, Dichlorobenzene(Gas)

Injection Volume : 2ml (Gas tight syringe)

2. Chromatogram



1. Benzene
2. Toluene
3. Ethyl benzene
4. p-Xylene
5. m-Xylene
6. o-Xylene
7. Styrene
8. 1,4-Dichlorobenzene

