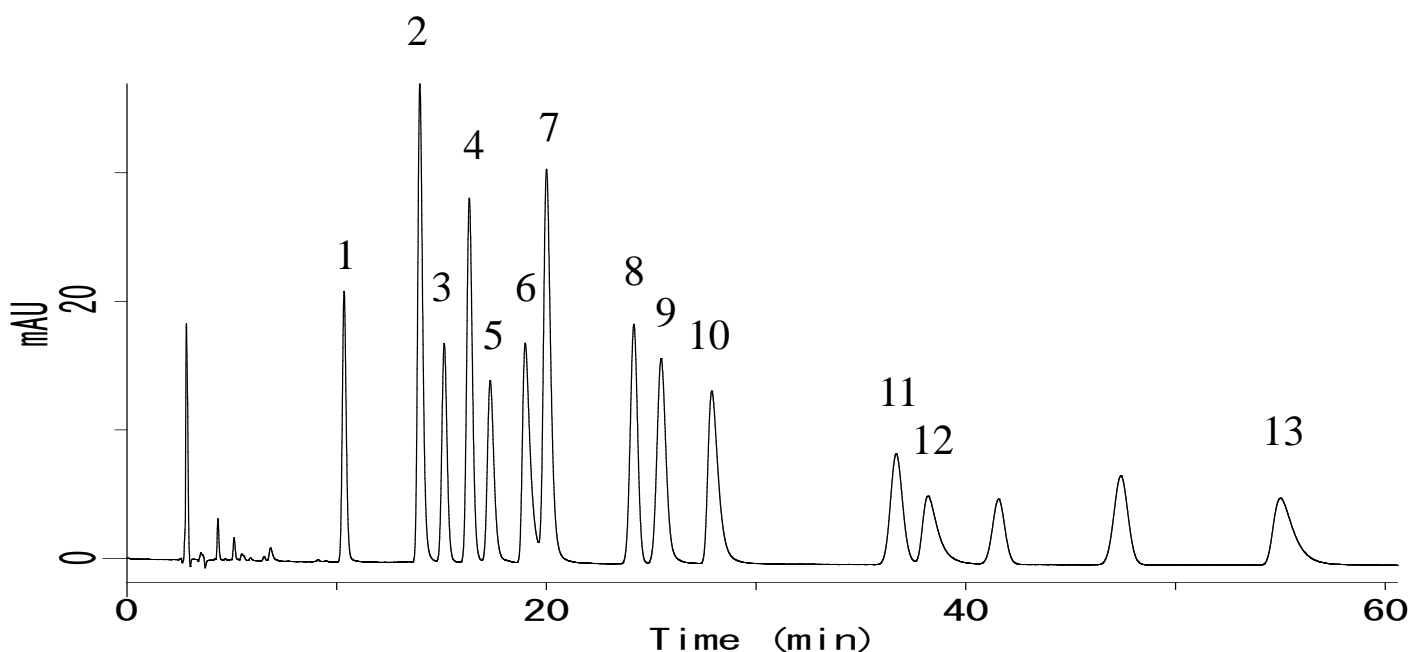


Analysis of Phenothiazines

This chromatogram was provided by Dr. Masaru Terada (Toho University, Japan)



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-SP (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-02746
Eluent : A) CH₃CN
 B) CH₃OH
 C) 30 mM NaH₂PO₄ (pH 5.6, 1N NaOH)
 A/B/C = 30/20/50, v/v/v (Premix)
Flow rate : 0.9 mL/min
Col. Temp. : 30 °C
Detection : UV 250 nm (GL-7452A PDA Detector)
Injection Vol. : 10 μ L
Sample : Phenothiazines

Analyte:

1. Propericiazine	(25 mg/L)
2. Promethazine	(25 mg/L)
3. Profenamine	(25 mg/L)
4. Levomepromazine	(25 mg/L)
5. Thioproperazine	(25 mg/L)
6. Perazine	(25 mg/L)
7. Chlorpromazine	(25 mg/L)
8. Diazepam	(25 mg/L)
9. Perphenazine	(25 mg/L)
10. Thioridazine	(25 mg/L)
11. Fluphenazine	(25 mg/L)
12. Prochlorperazine	(25 mg/L)
13. Trifluoperazine	(25 mg/L)