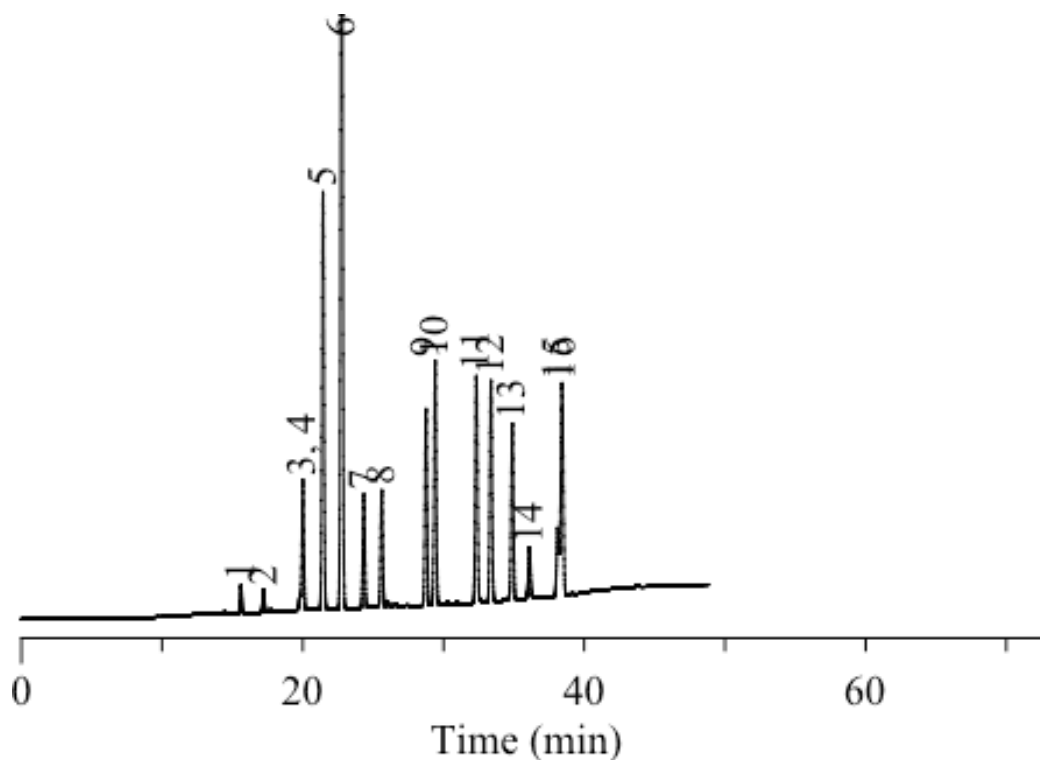


## Analysis of Polycyclic Aromatic Hydrocarbons



Column : Inertsil ODS-P  
5  $\mu$ m  
250 x 4.6 mm I.D.

Column Cat. No. : 5020-02002

Eluent : A) CH<sub>3</sub>CN

B) CH<sub>3</sub>CN/H<sub>2</sub>O = 50/50, v/v

A/B = 0/100 — 5 min — 0/100 — 30 min — 100/0 — 40 min  
hold, v/v

Flow rate : 1.0 mL/min.

Col. Temp. : 40°C

Detection : UV 254 nm

Injection Vol. :

Sample : SRM 1647a

Solutes : 1. Naphthalene  
2. Acenaphthylene  
3. Acenaphthene  
4. Fluorene  
5. Phenanthrene  
6. Anthracene  
7. Fluoranthene  
8. Pyrene  
9. Benzo[a]anthracene  
10. Chrysene  
11. Benzo[b]fluoranthene  
12. Benzo[k]fluoranthene  
13. Benzo[a]pyrene  
14. Dibenz[a,h]anthracene  
15. Benzo[g,h,i]perylene  
16. Indeno[1,2,3-cd]pyrene