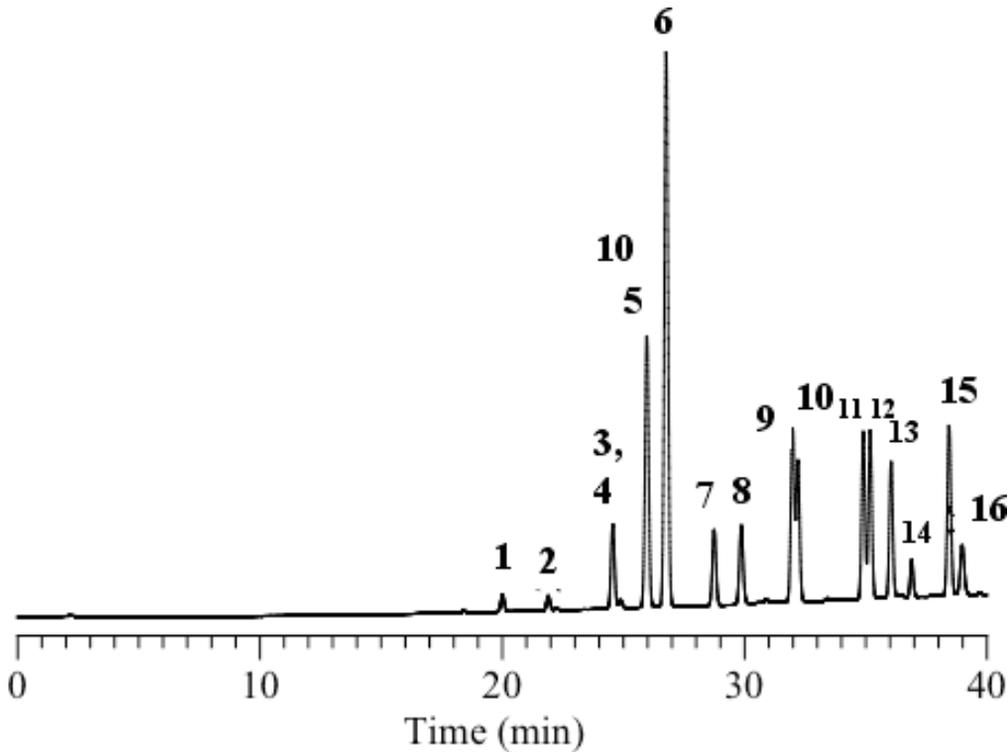


Analysis of Polycyclic Aromatic Hydrocarbons



Column : Inertsil ODS-3V
 5 μ m
 250 x 4.6 mm I.D.

Column Cat. No. :

Eluent : A) CH₃CN
 B) CH₃CN/H₂O = 50/50, v/v
 A/B = 0/100 — 5 min — 0/100 — 30 min — 100/0, 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. Chrysene
 10. Benzo[a]anthracene
 11. Benzo[b]fluoranthene
 12. Benzo[k]fluoranthene
 13. Benzo[a]pyrene
 14. Dibenz[a,h]anthracene
 15. Indeno[1,2,3-cd]pyrene
 16. Benzo[g,h,i]perylene