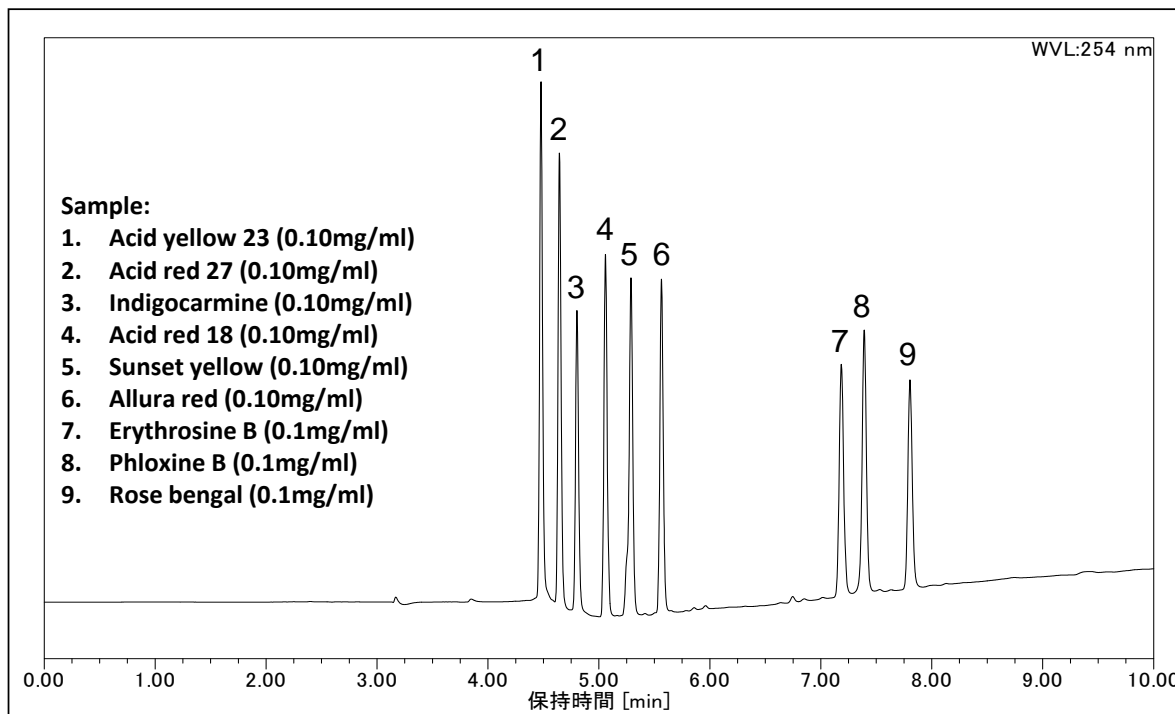


合成着色料の分析 (1)



Sample:

1. Acid yellow 23 (0.10mg/ml)
2. Acid red 27 (0.10mg/ml)
3. Indigocarmine (0.10mg/ml)
4. Acid red 18 (0.10mg/ml)
5. Sunset yellow (0.10mg/ml)
6. Allura red (0.10mg/ml)
7. Erythrosine B (0.1mg/ml)
8. Phloxine B (0.1mg/ml)
9. Rose bengal (0.1mg/ml)

Conditions;

Column: Develosil XG-C30M (5um)

Size: 4.6x150mm

Mobile phase: A)Acetonitrile B)20mM Ammonium formate

Gradient: B% 95→0 (10min)

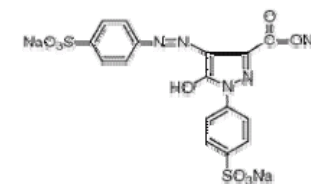
Flow rate: 1.0ml/min

Temperature: 40°C

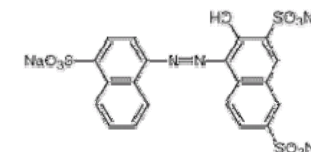
Detection: UV254nm (PDA)

Injection volume: 2.0uL

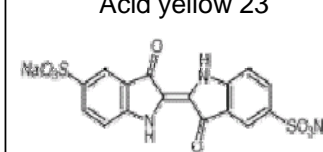
System: DIONEX/Ultimate 3000 Series



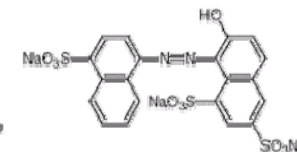
Acid yellow 23



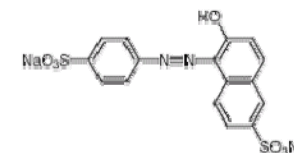
Acid red 27



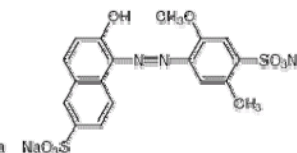
Indigocarmine



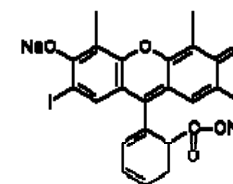
Acid yellow 18



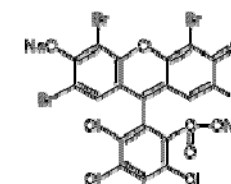
Sunset yellow



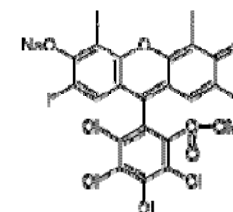
Allura red



Erythrosine B



Phloxine B



Rose bengal