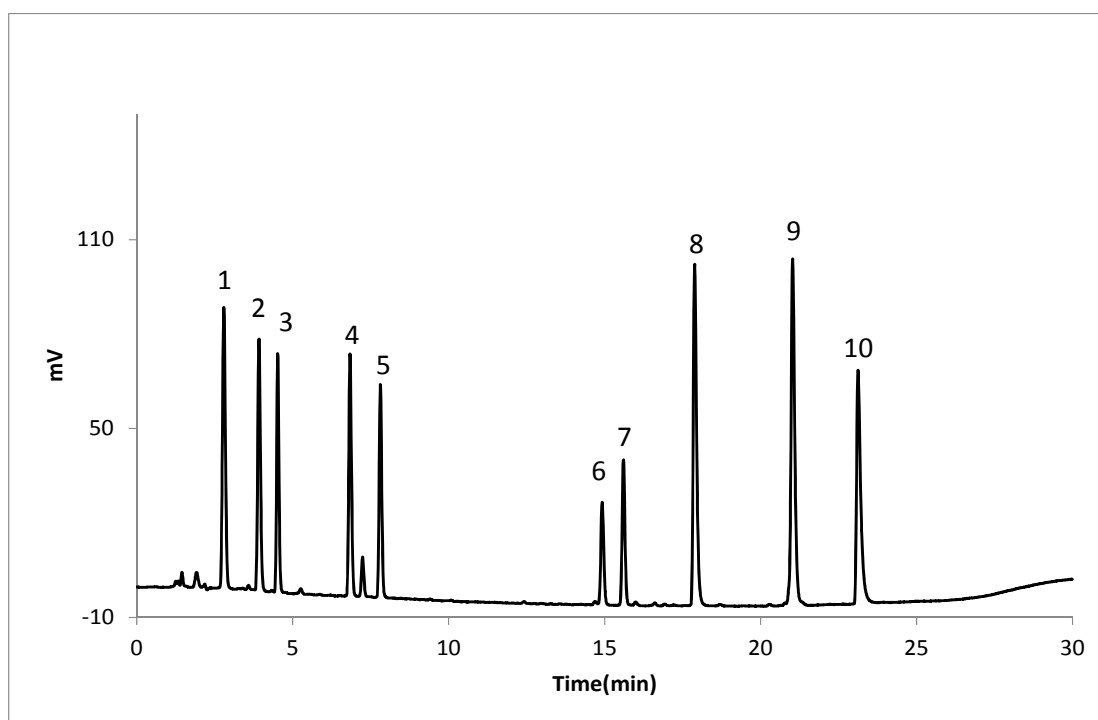


Develosil Application Data

No.076 Color Additives/合成着色料



Analytical Conditions:

Column: Develosil HSR C18,5um (4.6x150mm)

Mobile phase: A) 10mM (NH₄)₂HPO₄, pH6.0

B) Acetonitrile

Gradient: B)5%-50%(0-30min)

Flow rate: 1.0mL/min

Temperature: 40°C

Detection: UV254nm

Sample: 1. Tartrazine (0.05mg/mL)

2. Amaranth (0.05mg/mL)

3. Indigocarmine (0.06mg/mL)

4. New Coccine (0.05mg/mL)

5. Sunset Yellow FCF (0.05mg/mL)

6. Fast Green FCF (0.10mg/mL)

7. Brilliant Blue FCF (0.12mg/mL)

8. Erythrosine B (0.10mg/mL)

9. Phloxine B (0.11mg/mL)

10. Rose Bengal (0.10mg/mL)

Injection volume: 5.0uL

Mixer volume: 250uL

System: Jasco 2000series