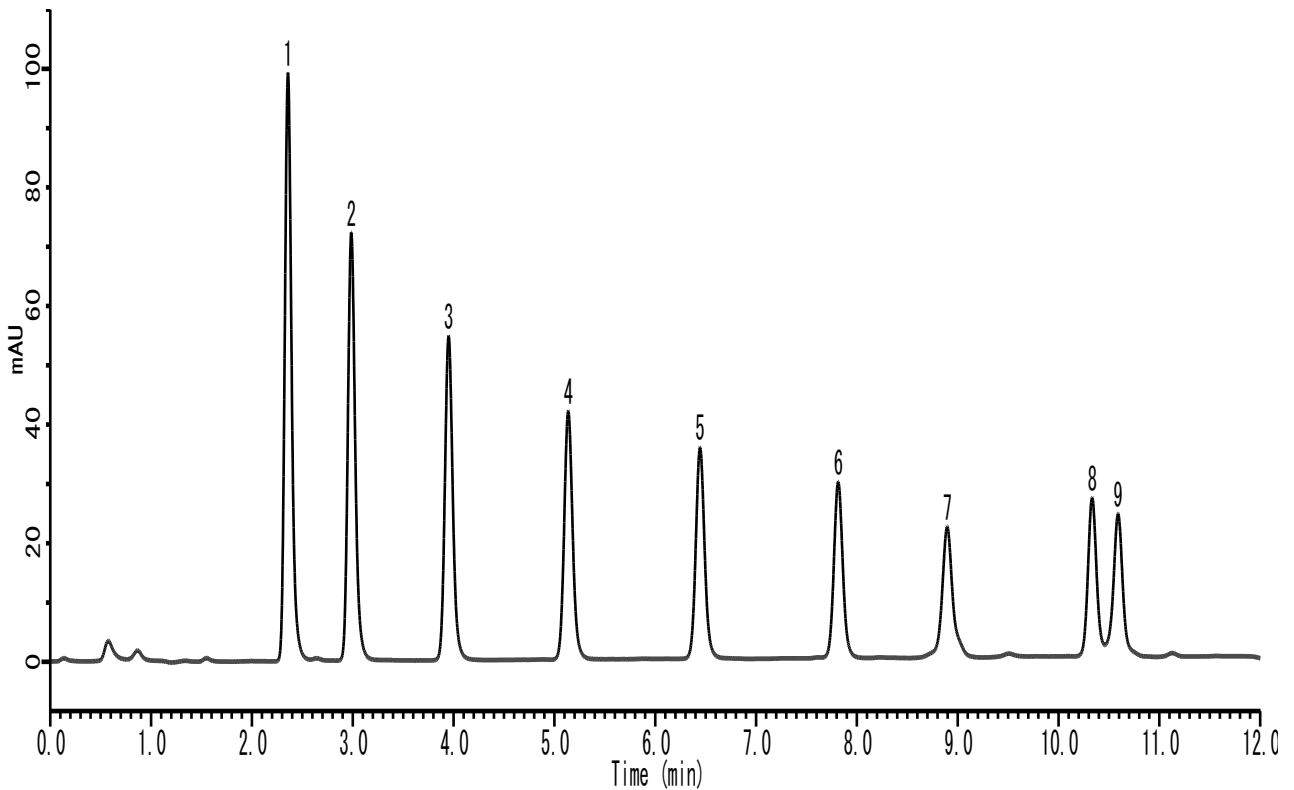


Analysis of Analysis of 9 kinds of Phthalates



Conditions

System : GL-7400 HPLC system
Column : Inertsil C8-4 (HP(3 μm, 150 x 3.0 mm I.D.)
Column Cat. No. : 5020-14055
Eluent : A) CH₃CN
 B) H₂O
 A/B = 60/40 – 10 min – 90/10 – 2 min
 – 90/10, v/v
Flow Rate : 0.6 mL/min
Col. Temp. : 40 °C
Detection : UV 230 nm (GL-7450 UV Detector)
Injection Vol. : 10 μL
Sample : Standard

Analyte:

1. Dimethyl phthalate(DMP)	(10 μg/mL)
2. Diethyl Phthalate(DEP)	(10 μg/mL)
3. Dipropyl Phthalate(DPrP)	(10 μg/mL)
4. Dibutyl Phthalate(DBP)	(10 μg/mL)
5. Dipentyl Phthalate(DPeP)	(10 μg/mL)
6. Dihexyl Phthalate(DHxP)	(10 μg/mL)
7. Diheptyl Phthalate(DHpP)	(10 μg/mL)
8. Dioctyl Phthalate(DOP)	(10 μg/mL)
9. Dinonyl Phthalate(DNP)	(10 μg/mL)