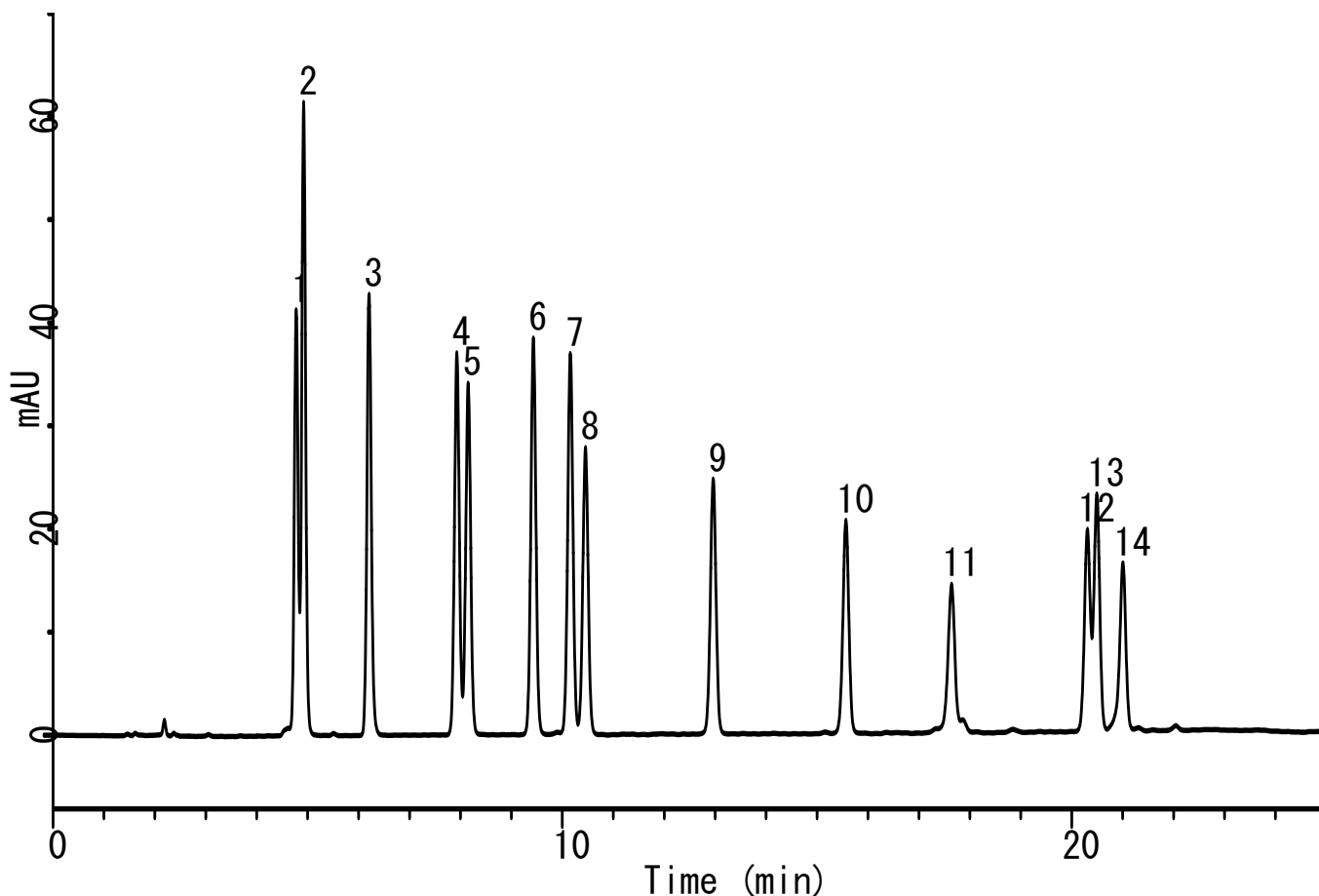


## Analysis of Analysis of 14 kinds of Phthalates

Data No. LA957-0142



### Conditions

**System** : GL-7400 HPLC system  
**Column** : Inertsil C8-4 (5  $\mu$ m, 250 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-04086  
**Eluent** : A) CH<sub>3</sub>CN  
B) H<sub>2</sub>O  
A/B = 60/40 – 20 min – 90/10 – 5 min  
– 90/10, v/v  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 230 nm (GL-7450 UV Detector)  
**Injection Vol.** : 10  $\mu$ L  
**Sample** : Standard

### Analyte:

1. Bis(2-methoxyethyl)phthalate(DMEP)	(10 $\mu$ g/mL)
2. Dimethyl phthalate(DMP)	(10 $\mu$ g/mL)
3. Diethyl Phthalate(DEP)	(10 $\mu$ g/mL)
4. Diisopropyl Phthalate(DIPP)	(10 $\mu$ g/mL)
5. Dipropyl Phthalate(DPrP)	(10 $\mu$ g/mL)
6. Diphenyl Phthalate(DPhP)	(10 $\mu$ g/mL)
7. Benzyl butyl Phthalate(BBP)	(10 $\mu$ g/mL)
8. Diisobutyl Phthalate(DIBP)	(10 $\mu$ g/mL)
9. Dipentyl Phthalate(DPeP)	(10 $\mu$ g/mL)
10. Dihexyl Phthalate(DHxP)	(10 $\mu$ g/mL)
11. Diheptyl Phthalate(DHpP)	(10 $\mu$ g/mL)
12. Bis(2-ethylhexyl) Phthalate(DEHP)	(10 $\mu$ g/mL)
13. Dioctyl Phthalate(DOP)	(10 $\mu$ g/mL)
14. Dinonyl Phthalate(DNP)	(10 $\mu$ g/mL)