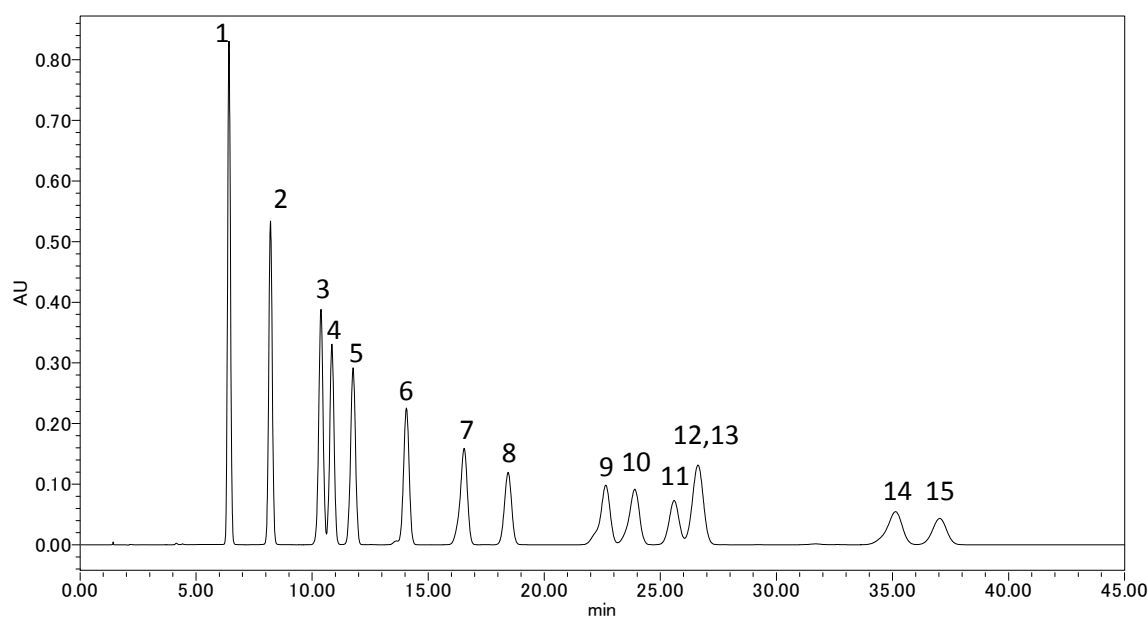


# Develosil Application Data

## No.087 T011/IP-6A Aldehyde/Ketone-DNPH



### Analytical Conditions:

Column : Develosil HSR AQ C18,5um (4.6x250mm)

Mobile phase : Acetonitrile/Water=60/40

Flow rate : 1.0mL/min

Temperature : 60°C

Detection : UV360nm

Sample : 1. Formaldehyde-2,4-DNPH (15.9ug/mL)

2. Acetaldehyde-2,4-DNPH (15.4ug/mL)

3. Acrolein-2,4-DNPH (15.4ug/mL)

4. Acetone-2,4-DNPH (15.5ug/mL)

5. Propionaldehyde-2,4-DNPH (15.7ug/mL)

6. Crotonaldehyde-2,4-DNPH (14.7ug/mL)

7. Butyraldehyde-2,4-DNPH (14.8ug/mL)

8. Benzaldehyde-2,4-DNPH (15.2g/mL)

9. Isovaleraldehyde-2,4-DNPH (14.8g/mL)

10. Valeraldehyde-2,4-DNPH (15.1ug/mL)

11. *o*-Tolualdehyde-2,4-DNPH (15.2ug/mL)

12. *m*-Tolualdehyde-2,4-DNPH (15.6ug/mL)

13. *p*-Tolualdehyde-2,4-DNPH (14.8ug/mL)

14. Hexaldehyde-2,4-DNPH (15.1ug/mL)

15. 2,5-Dimethylbenzraldehyde-2,4-DNPH (15.2ug/mL)

Injection volume : 20.0uL

System : Waters alliance

