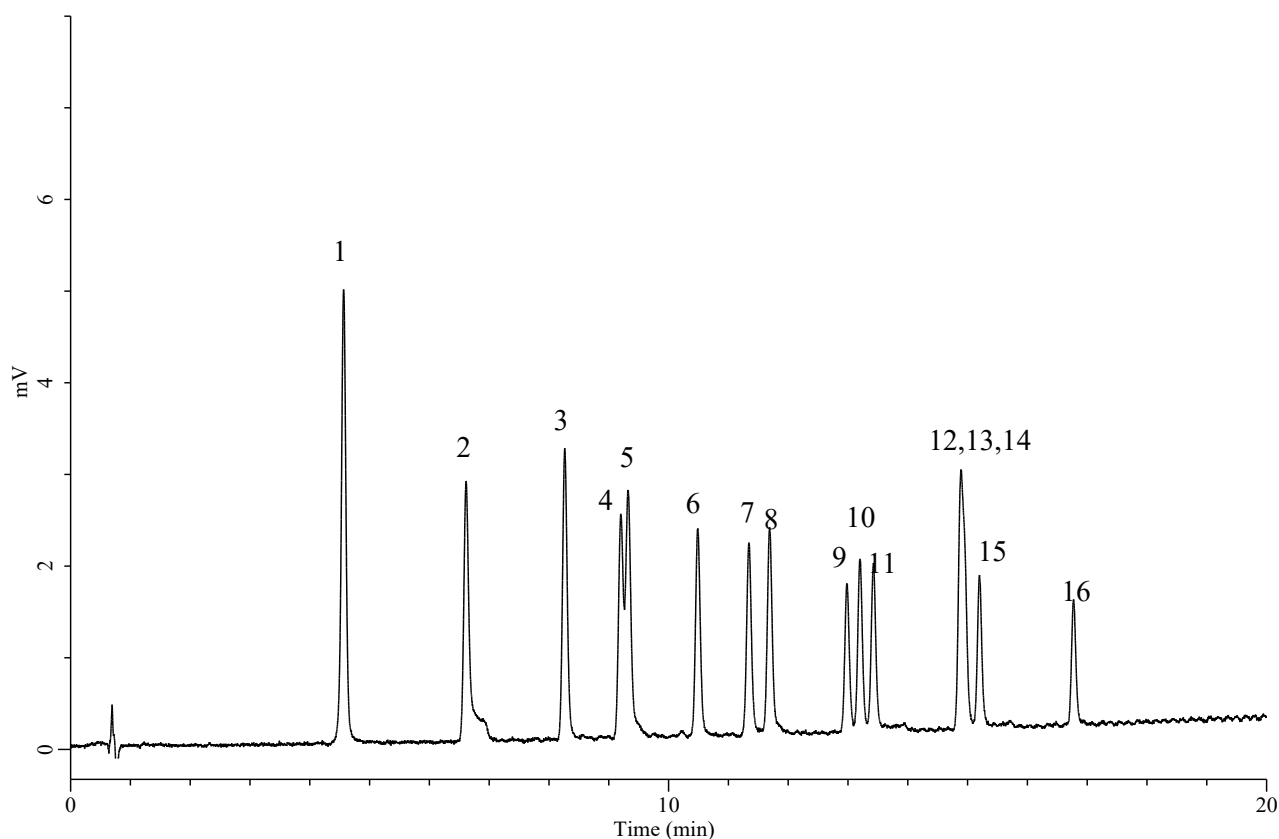


Analysis of 16 kinds of Aldehydes (Detected by Pre-Column Method with DNPH)



Conditions

Column : InertCore PFP
(2.6 μ m, 100 $\times$ 2.1 mm I.D.)
Column Cat. No. : 5020-17559
Eluent : A) CH₃OH
B) H₂O

Time (min)	A (Vol. %)	B (Vol. %)
0	50	50
20	90	10

Flow Rate : 0.3 mL/min
Col. Temp. : 40 °C
Detection : UV 360 nm
Injection Vol. : 1 μ L

Analyte

1. DNPH-Formaldehyde
2. DNPH-Acetaldehyde
3. DNPH-Acetone
4. DNPH-Acrolein
5. DNPH-Propionaldehyde
6. DNPH-Crotonaldehyde
7. DNPH-*n*-Butyraldehyde
8. DNPH-Isobutyraldehyde
9. DNPH-Isovaleraldehyde
10. DNPH-*n*-Valeraldehyde
11. DNPH-Benzaldehyde
12. DNPH-*o*-Tolualdehyde
13. DNPH-*m*-Tolualdehyde
14. DNPH-*p*-Tolualdehyde
15. DNPH-Hexanal
16. DNPH-2,5-Dimethylbenzaldehyde
(0.5 μ g/mL of each)