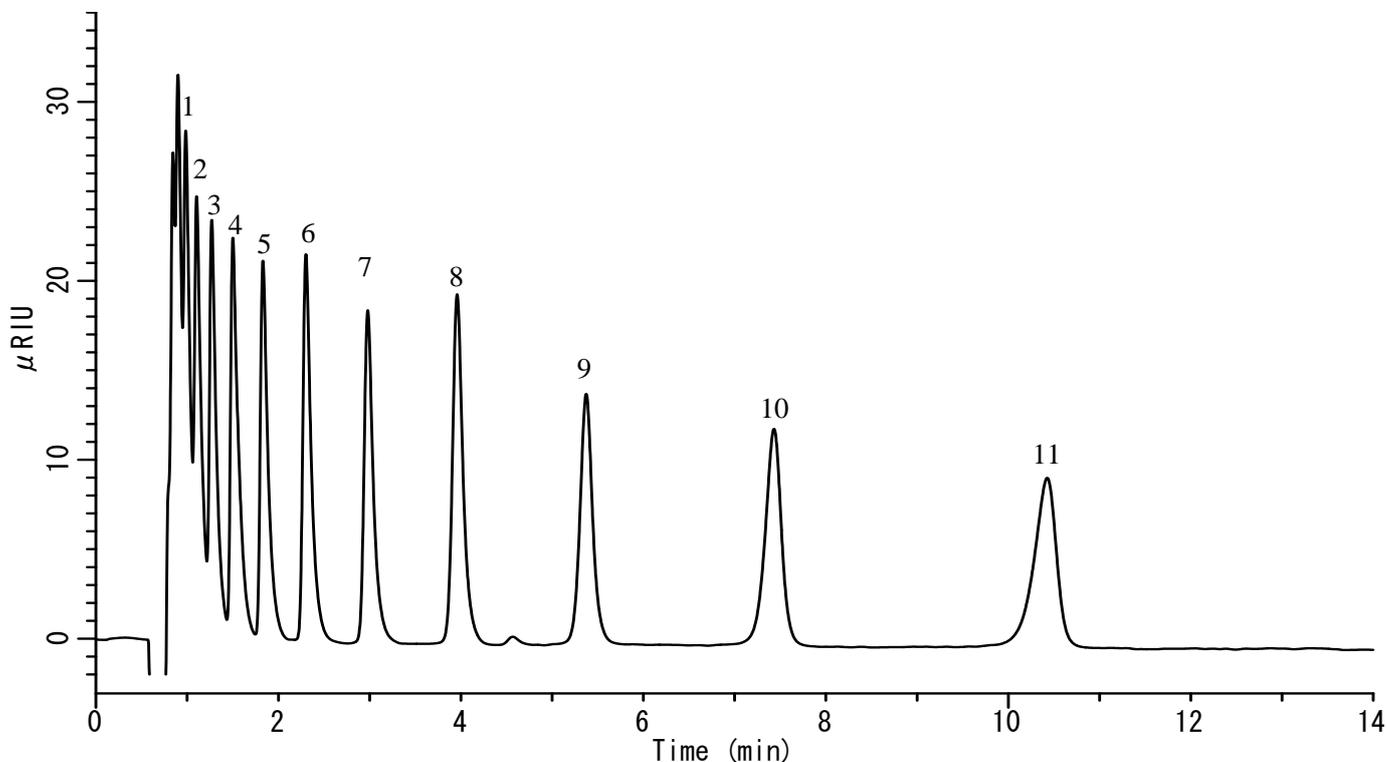


# InertSearch™ for LC

Inertsil® Applications

## Analysis of liner fatty acids (RI)

Data No. LA863-0142



### Conditions

**System** : GL-7400 HPLC system  
**Column** : Inertsil ODS-4 (3  $\mu$  m, 100 x 4.6 mm I.D)  
**Column Cat. No.** : 5020-04044  
**Eluent** : 0.1 %  $H_3PO_4$  in ( $CH_3CN/H_2O = 70/30$ )  
**Flow Rate** : 1.5 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : RI(GL-7454 RI Detector)  
**Injection Vol.** : 10  $\mu$  L  
**Sample** : liner fatty acids (C2 - C15)

### Analyte :

|                        |       |
|------------------------|-------|
| 1. Valeric acid        | (C5)  |
| 2. Caproic acid        | (C6)  |
| 3. Enanthic acid       | (C7)  |
| 4. Caprylic acid       | (C8)  |
| 5. Pelargonic acid     | (C9)  |
| 6. Capric acid         | (C10) |
| 7. Undecanoic acid     | (C11) |
| 8. Lauric acid         | (C12) |
| 9. Tridecanoic acid    | (C13) |
| 10. Myristic acid      | (C14) |
| 11. Pentadecanoic acid | (C15) |

each 5 mg/mL