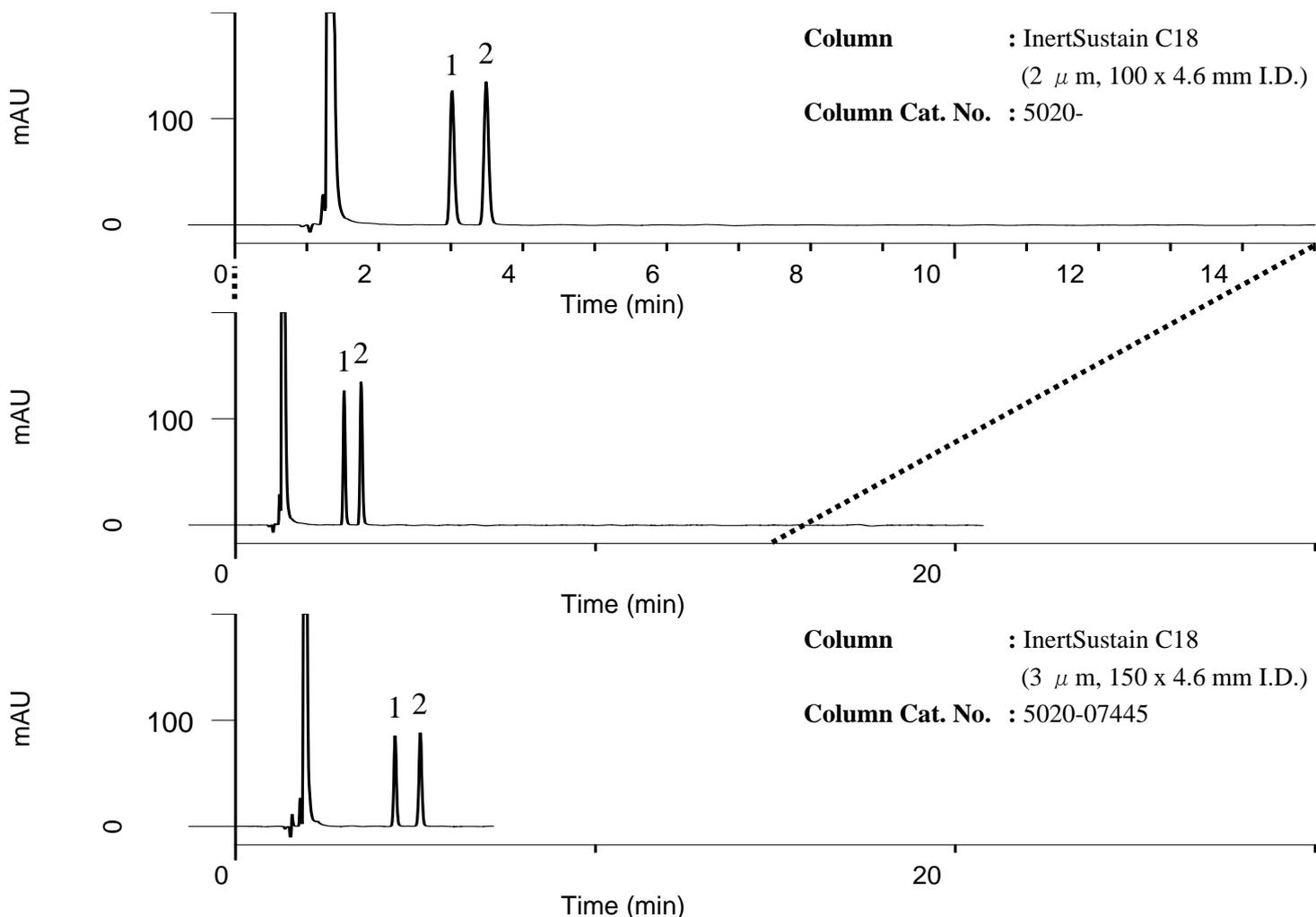


# InertSearch™ for LC

Inertsil® Applications

## Analysis of EPA and DHA

Data No. LB359-0659



### Conditions

**System** : GL7700 HPLC system  
**Column** : Mentioned in each chromatogram  
**Column Cat. No.** : Mentioned in each chromatogram  
**Eluent** : A) 0.1 % CH<sub>3</sub>COOH in CH<sub>3</sub>CN  
          : B) 0.1 % CH<sub>3</sub>COOH in H<sub>2</sub>O  
          : A/B = 85/15, v/v (Mixed by a gradient mixer)  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 210 nm (PD7752 PDA Detector)  
**Injection Vol.** : 1 μL  
**Sample** : Standard

### Analyte:

1. EPA, *cis*-5,8,11,14,17-Eicosapentaenoic acid (C20:5, M.W. 302.45) 0.125 mg/mL
2. DHA, *cis*-4,7,10,13,16,19-Docosahexaenoic acid (C22:6, M.W. 328.49) 0.125 mg/mL (dissolved in EtOAc each)