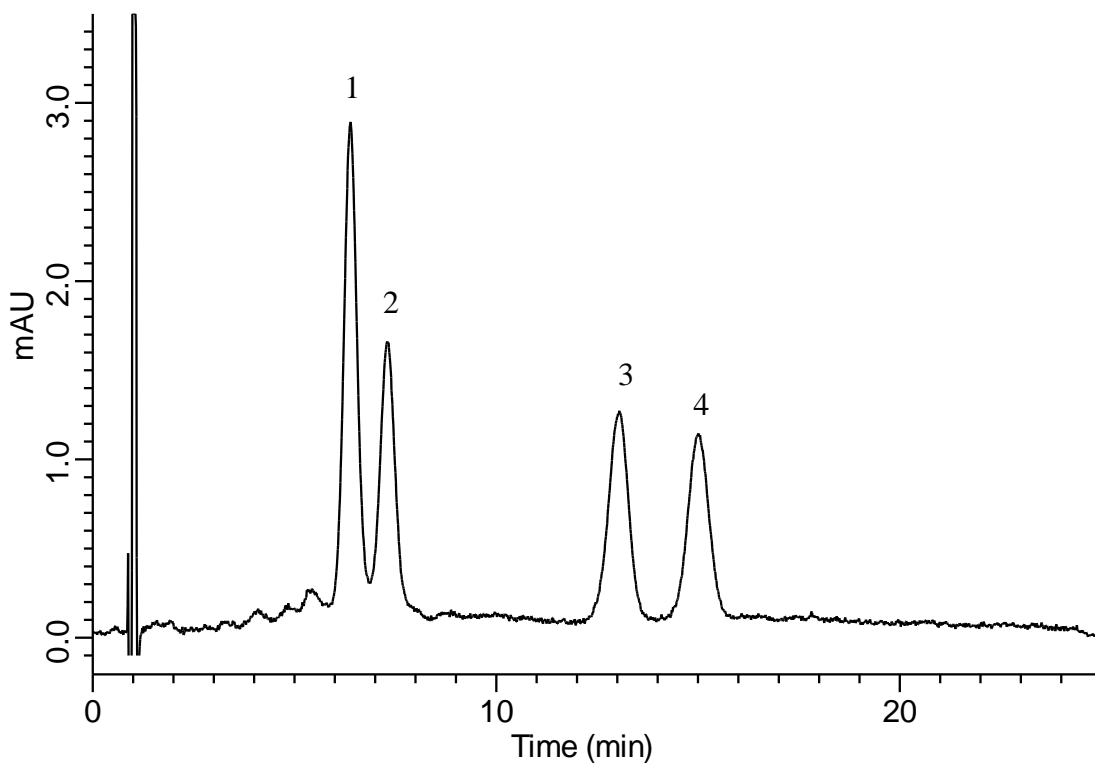


# InertSearch for LC

Inertsil Applications

## Analysis of Carotenoids

Data No. LB675-1030



### Conditions

**System** : Chromaster HPLC system  
**Column** : Inertsil ODS-P  
(5  $\mu$  m, 4.6 x 150 mmI.D.)  
**Column Cat. No.** : 5020-02001  
**Eluent** : A) CH<sub>3</sub>CN  
B) CH<sub>3</sub>OH  
C) THF  
A/B/C = 55/40/5, v/v/v  
**Flow Rate** : 1.5 mL/min  
**Col. Temp.** : 20 °C  
**Detection** : VIS 455 nm (5430 Diode Array Detector)  
**Injection Vol.** : 20  $\mu$  L  
**Sample** : Standard

### Analyte:

1.	$\alpha$ -Cryptoxanthin	0.4 mg/L
2.	$\beta$ -Cryptoxanthin	0.4 mg/L
3.	$\alpha$ -Carotene	0.4 mg/L
4.	$\beta$ -Carotene	0.4 mg/L