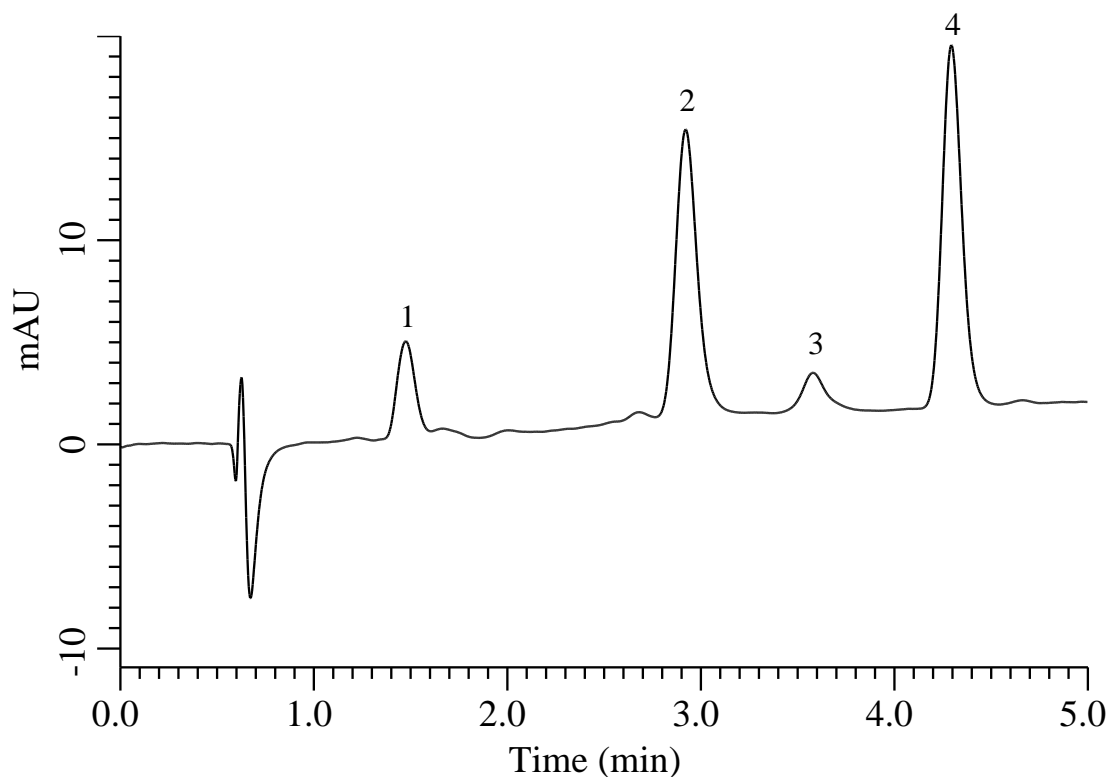


InertSearch for LC

Inertsil Applications

Analysis of Carotenoids

Data No. LB822-1087



Conditions

System : Chromaster HPLC system (HITACHI)
Column : InertSustain C30 (GL Sciences Inc.)
(3 μ m, 50 x 4.6 mm I.D.)
Column Cat. No. : 5020-17170
Eluent : A) CH₃CN
B) C₂H₅OH

Analyte:

1. Zeaxanthin 0.25 mg/L
2. Astaxanthin 1.0 mg/L
3. Lutein 0.25 mg/L
4. Canthaxanthin 1.0 mg/L

Time (min)	A (vol%)	B (vol%)
0.0	80	20
5.0	0	100

Flow Rate : 1.0 mL/min
Col. Temp. : 35 °C
Detection : VIS 450 nm
Injection Vol. : 20 μ L
Sample : Standard