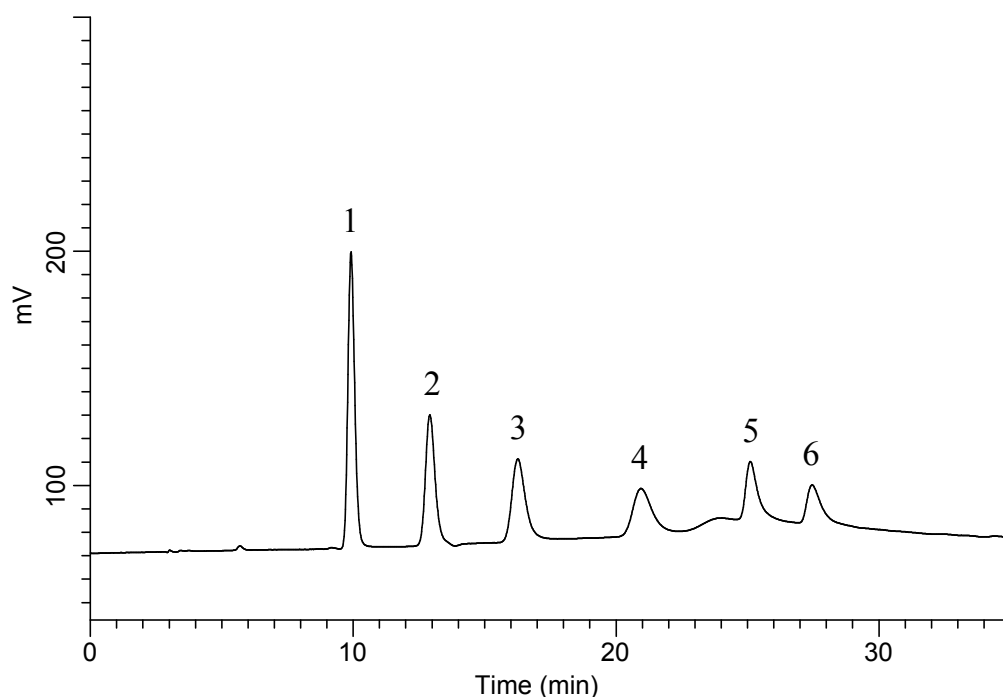


# InertSearch™ for LC

Inertsil™ Applications

## Analysis of Xylooligosaccharides

Data No. LB543-0919



### Conditions

**System** : GL7700 HPLC system  
**Column** : InertSphere Sugar-1  
(5  $\mu$  m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-11001  
**Eluent** : A) 50 mM NaOH in H<sub>2</sub>O  
B) (50 mM NaOH + 200 mM CH<sub>3</sub>COONa) in H<sub>2</sub>O

Time (min)	A (vol%)	B (vol%)
0.0	90	10
35.0	60	40

**Flow Rate** : 0.5 mL/min  
**Col. Temp.** : 30 °C  
**Detection** : ECD Pulse Mode (ED723, Gold)  
E1: 150 mV t1: 600 ms  
E2: -1500 mV t2: 50 ms  
E3: 600 mV t3: 50 ms  
E4: -200 mV t4: 100 ms  
ts: 50 ms

**Injection Vol.** : 10  $\mu$  L  
**Sample** : Standard

### Analyte:

1. Xylose
2. Xylobiose
3. Xylotriose
4. Xylotetraose
5. Xylopentaose
6. Xylohexaose  
(10 mg/L each)