

Analysis of Sugars (Saccharides) Using Isocratic Normal Phase Chromatography and RI Detection

1. Fructose
2. Glucose
3. Sucrose
4. Maltose
5. Maltotriose

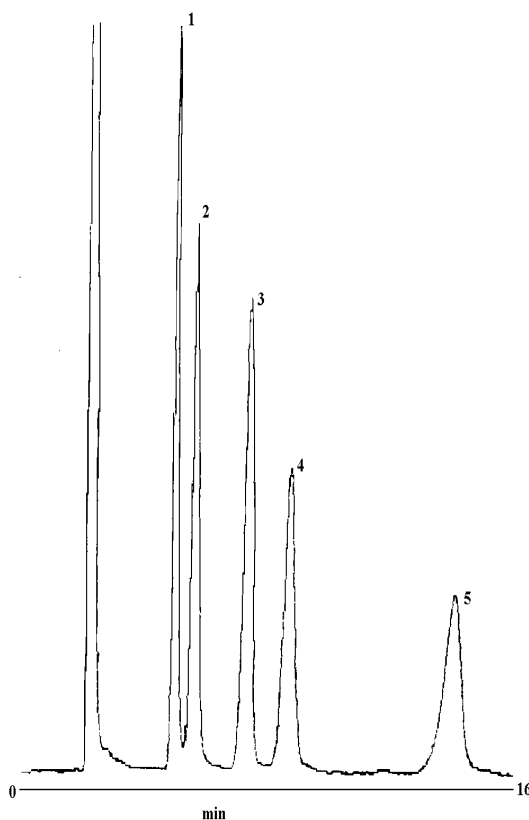


Figure 1 Standard (Overspike) Analysis (10 ppm)

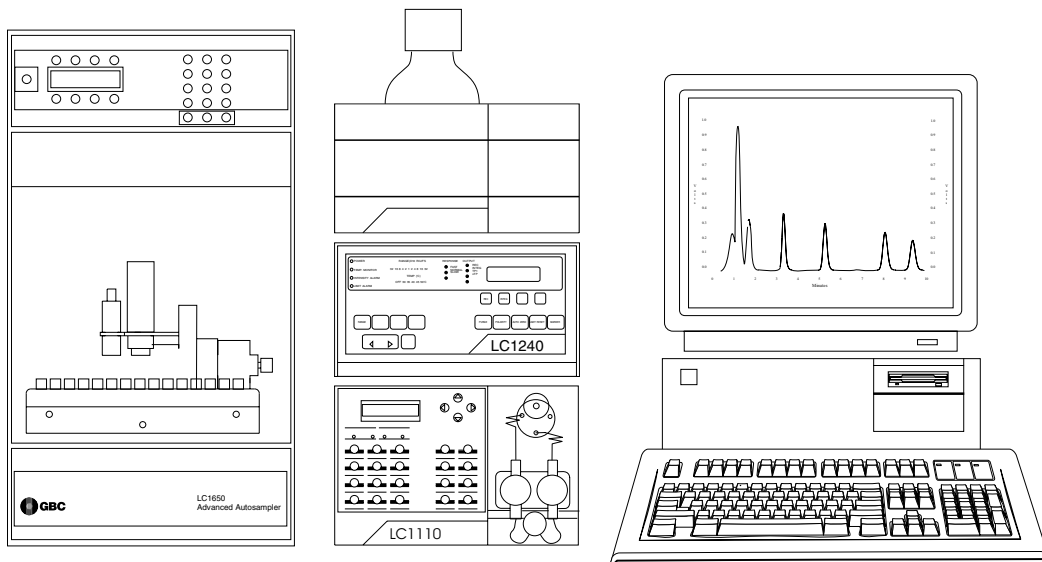
GBC HPLC Instrumentation

LC1110 Dual Piston HPLC Pump
GBC Column Heater
LC1240 Refractive Index Detector
LC1650 Advanced Autosampler
WinChrom Chromatography Data Management System

Conditions

Column: Spherisorb 5 μ M Amino Column (250 x 4.6 mm ID)
Mobile Phase: Acetonitrile (75%) and Water (25%)
Flow Rate: 1.5 ml/min
Injection Vol: 20 μ l
Column Temp.: 32°C
RI Temp.: 32°C





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GBC Scientific Equipment Pty Ltd
A.C.N. 005 472 686
12 Monterey Road, Dandenong, Victoria, 3175, Australia
Phone: (03) 9213 3666 Fax: (03) 9213 3677

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