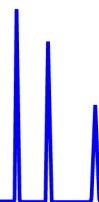




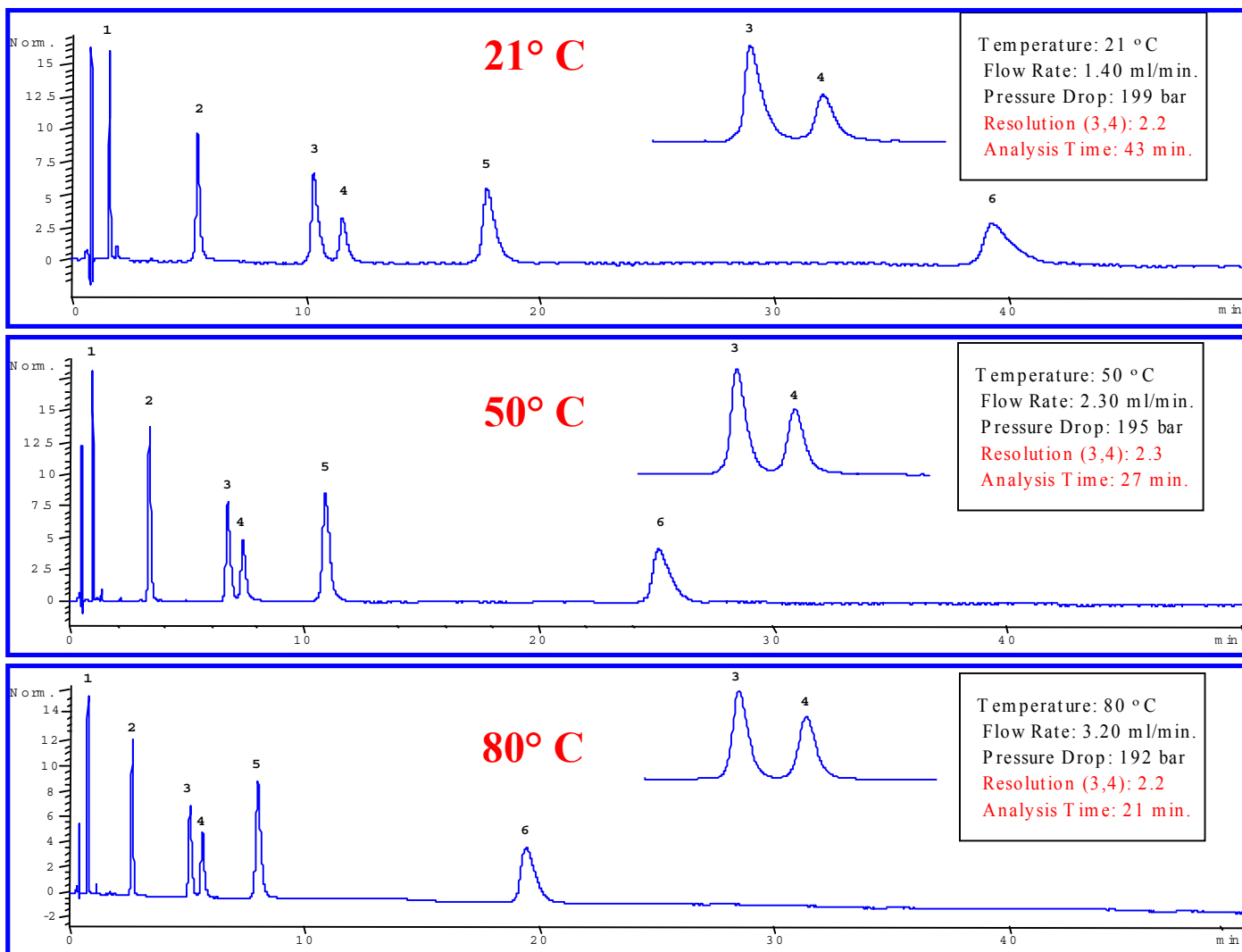
ZirChrom®

Technical  
Bulletin #260



... For Peak Performance

# Ultra Fast High Temperature HPLC on Diamondbond®-C18



**Column: Diamondbond®-C18 100mm x 4.6mm**

Solutes: 1-Barbital, 2-Butobarbital, 3-Pentobarbital,  
4-Carbromal, 5-Secobarbital, 6-Methohexital  
Mobile Phase: 21° C - Isocratic 18.5/81.5 A/B  
50° C - Isocratic 13.5/86.5 A/B  
80° C - Isocratic 8.80/91.2 A/B

Temperature: See individual runs  
Injection volume: 1.3 µL  
Detection: 254 nm

A: Acetonitrile  
B: 5mM Ammonium phosphate, pH 7.0

