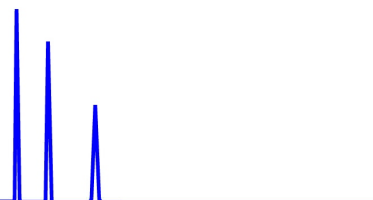




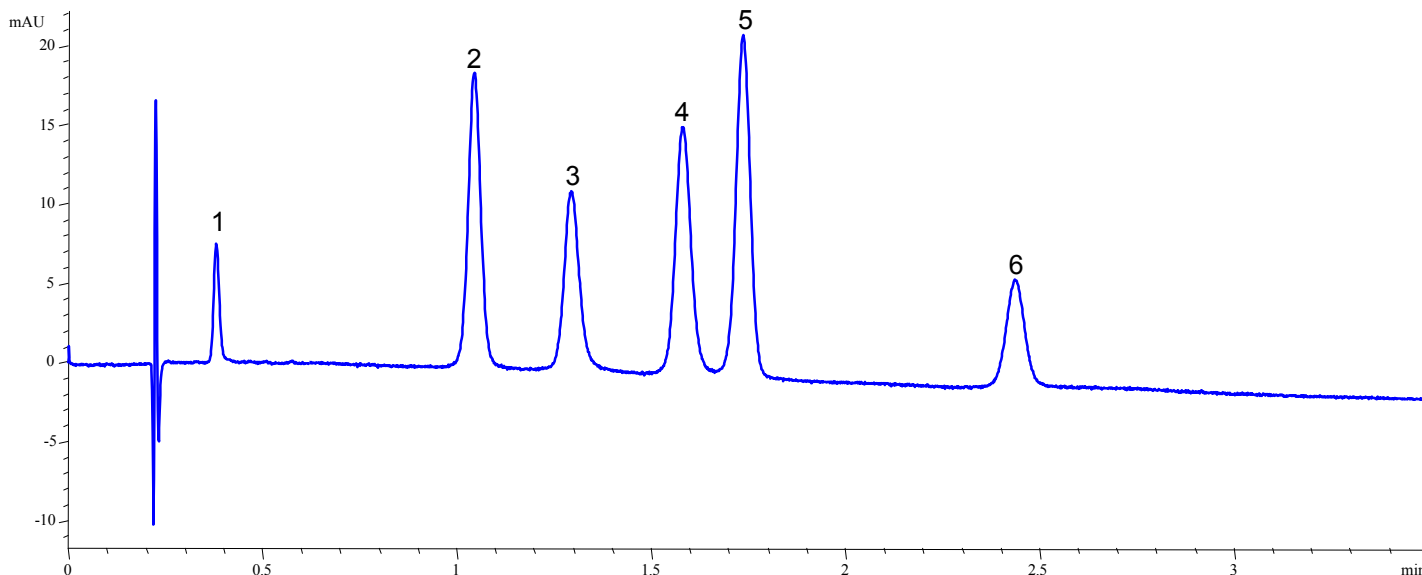
ZirChrom®

Technical
Bulletin #261



... For Peak Performance

Benzodiazepine Antidepressants on ZirChrom®-PBD



Analytes	
1 - 7-aminoflunitrazepam	4 - Nordiazepam
2 - Clonazepam	5 - Diazepam
3 - Alprazolam	6 - Medazepam

LC Conditions

Column: ZirChrom®-PBD, 50 mm × 4.6 mm i.d.

Mobile Phase: Gradient Elution

Flow rate: 2.5 mL/min.

Temperature: 40 °C

Injection volume: 2 µL

Detection: 254 nm

Back Pressure: 175 bar

Time (Minutes)	% A	%B
0	80	60
3	20	40

A: 20mM Acetic Acid pH to 5.0 using Ammonium Hydroxide

B: ACN

