

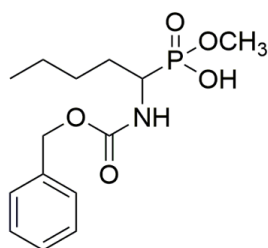
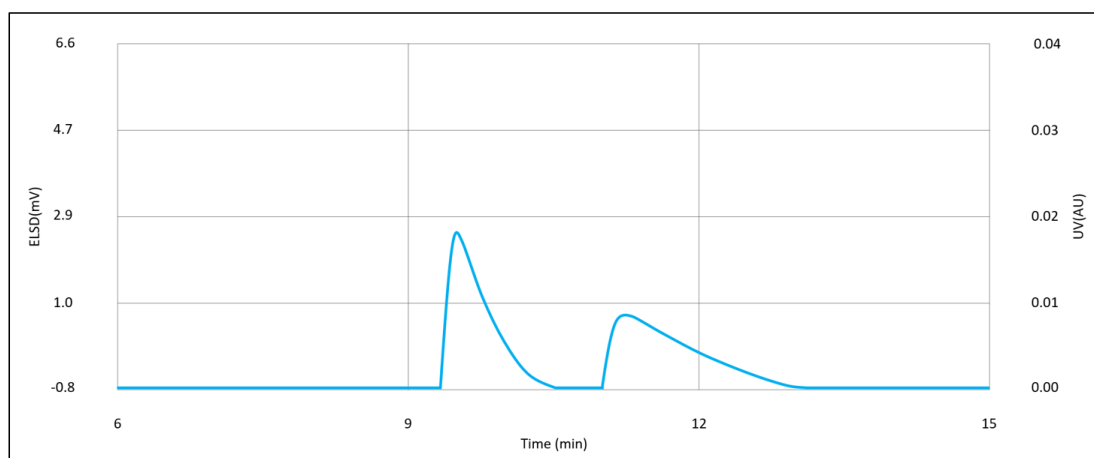
Applications

Chiral ION-QD

Chiral ION-QD and Chiral ION-QN represent an elegant solution for enantiomeric resolution of chiral acidic compounds including, but not limited to:

- *N*-protected amino acids
- Aminophosphonic & Aminosulfonic acids
- Lactic & Thiolactic acids
- Clenbuterol & Thyroxine

Preparative separation of racemic aminophosphonic acids [100 mg]



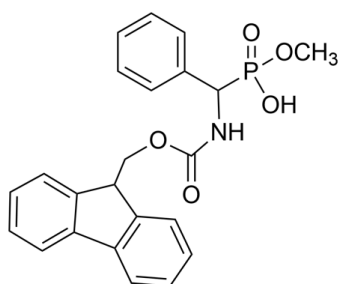
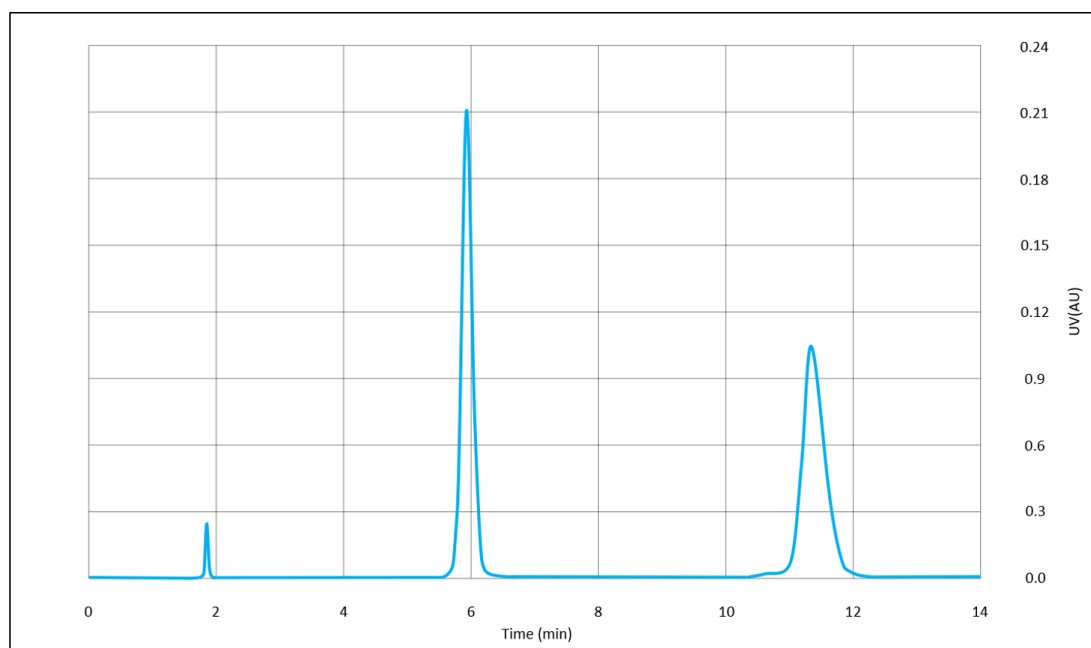
Column	Chiral ION-QD
Dimensions	250 mm x 20 mm, 5.0 μm
Mobile phase	MeOH:FA:AF 100:2:0.5 (v/v/w)
Flow rate	20 mL/min
Temperature	20 °C
Detection	UV @254 nm

Aminophosphonic acids are important precursors for synthesis of phosphopeptidomimetics, which represent an attractive new generation of peptide surrogate pharmaceuticals.

Applications

Chiral ION-QD

Analytical separation of racemic aminophosphonic acids

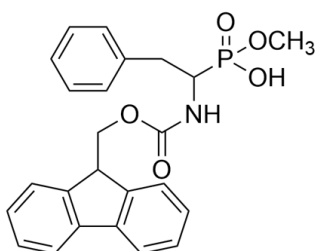
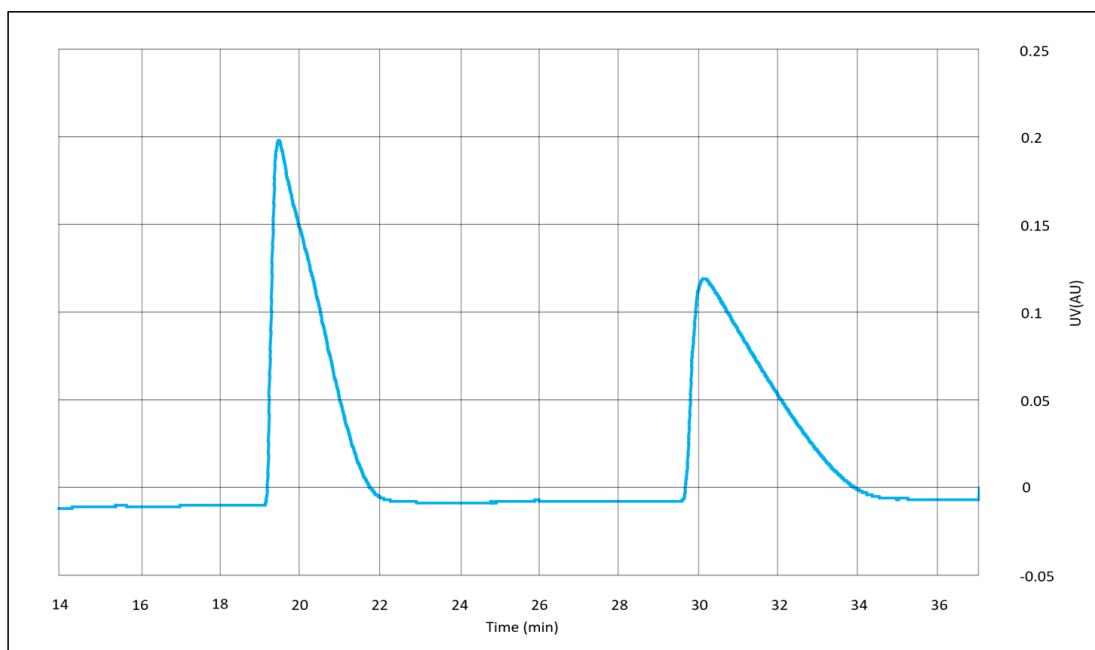


Column	Chiral ION-QD
Dimensions	150 mm x 4 mm, 5.0 μm
Mobile phase	MeOH:AcOH:AA 98:2:0.5 (v/v/w)
Flow rate	1 mL/min
Temperature	25 °C
Detection	UV @254 nm

Applications

Chiral ION-QN

Preparative separation of racemic aminophosphonic acids [50 mg]

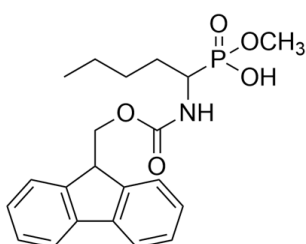
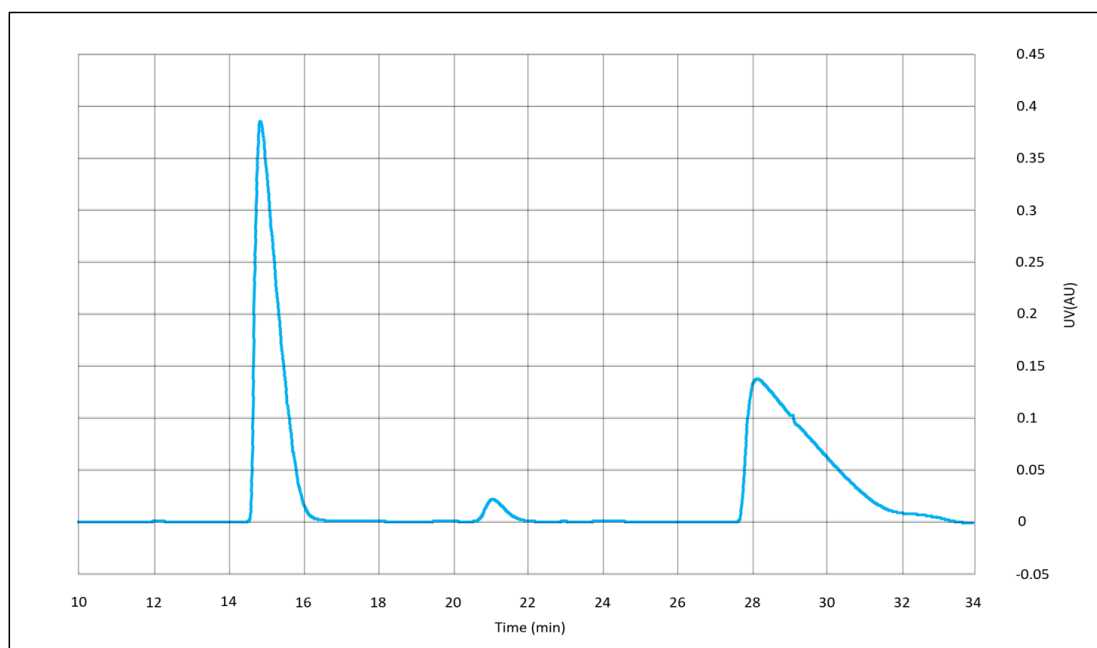


Column	Chiral ION-QN
Dimensions	250 mm x 20 mm, 5.0 μm
Mobile phase	MeOH:FA:HCOONH ₄ 99:1:0.5 (v/v/w)
Flow rate	15 mL/min
Temperature	25 °C
Detection	UV @254 nm

Applications

Chiral ION-QN

Preparative separation of racemic aminophosphonic acids [50 mg]

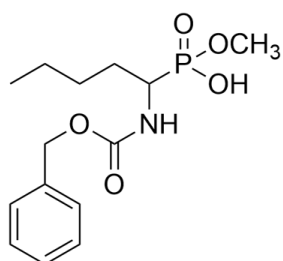
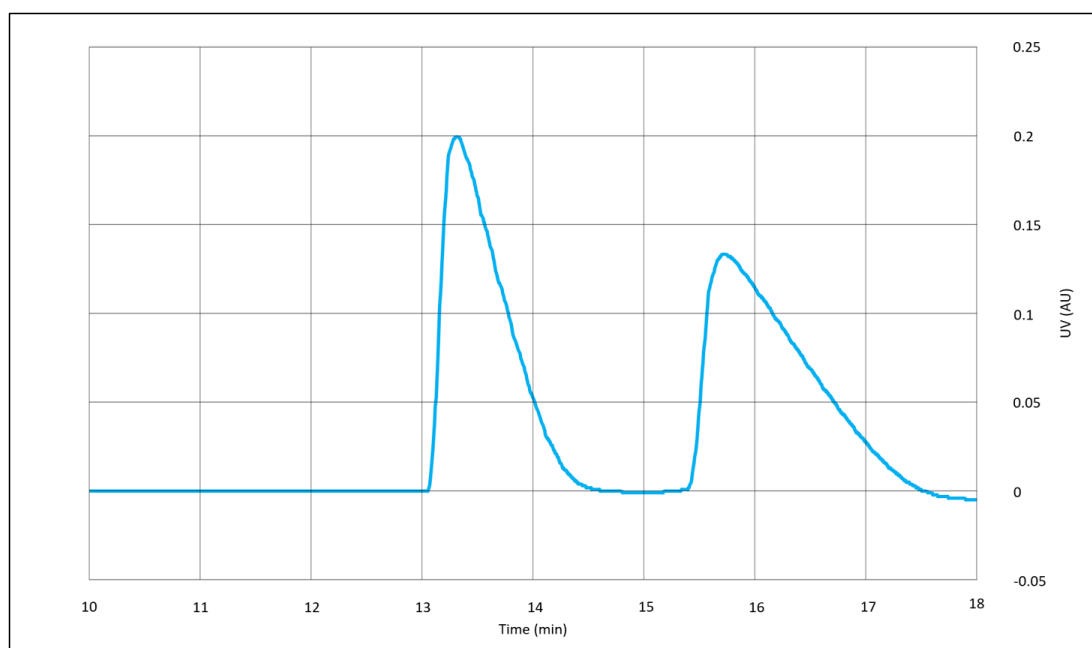


Column	Chiral ION-QN
Dimensions	250 mm x 20 mm, 5.0 μ m
Mobile phase	MeOH:FA:HCOONH ₄ 99:1:0.5 (v/v/w)
Flow rate	15 mL/min
Temperature	25 °C
Detection	UV @254 nm

Applications

Chiral ION-QN

Preparative separation of racemic aminophosphonic acids [50 mg]



Column	Chiral ION-QN
Dimensions	250 mm x 20 mm, 5.0 μm
Mobile phase	MeOH:FA:HCOONH4 99:1:0.5 (v/v/w)
Flow rate	15 mL/min
Temperature	25 °C
Detection	UV @220 nm