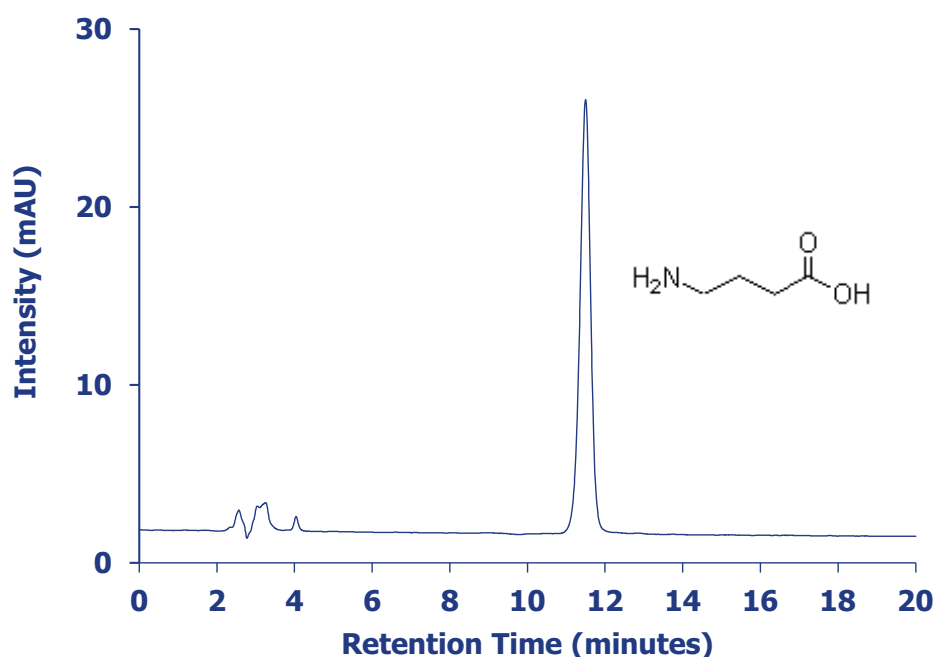


4-Aminobutyric acid (GABA)

SeQuant® ZIC®-HILIC

Chromatographic Conditions

Column:	SeQuant® ZIC®-HILIC (5 µm, 200 Å) 250 x 4.6 mm	1.50458.0001
Injection:	20 µl	
Detection:	Agilent 1200 system with UV detection@205 nm	
Cell:	10 µl	
Flow Rate:	1.0 mL/min	
Mobile Phase (v/v):	Buffer: Potassium dihydrogenphosphate (KH ₂ PO ₄) 20mM pH 4.5. Mix acetonitrile and buffer 70:30 (v/v). Total ionic strength: 6mM.	
Temperature:	Ambient	
Diluent:	Mobile phase	
Sample:	0.5mg/ml of 4-Aminobutyric acid in diluent	
Pressure Drop:	48 Bar (696 psi)	



Chromatographic Data

No.	Compound	Time	Retention Factor	Theoretical Plates	(TUSP)
1	Void volume	2.5	-	-	-
2	4-Aminobutyric acid	11.5	3.6	8919	0.92