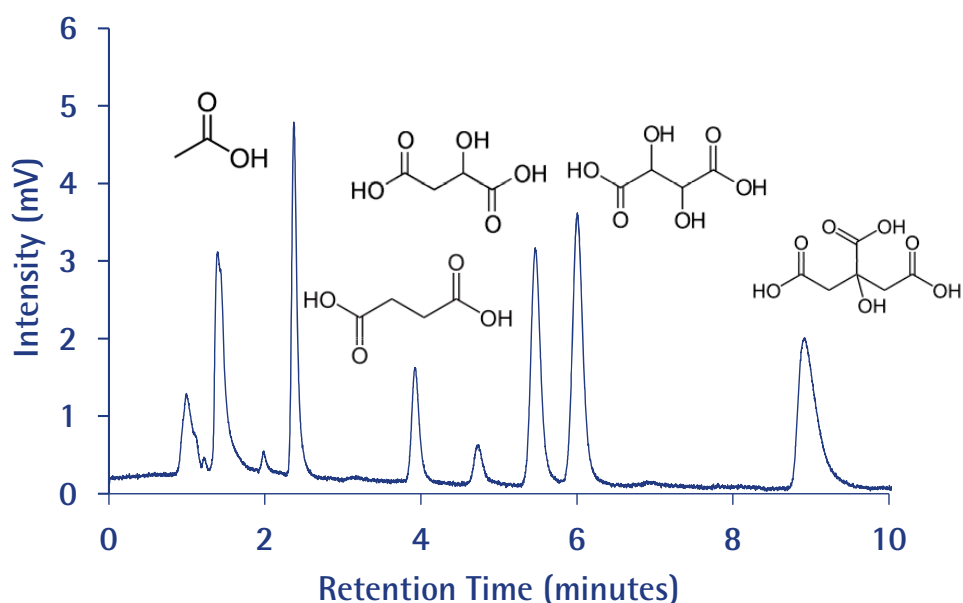


Organic Acids

SeQuant® ZIC®-cHILIC

Chromatographic Conditions

Column:	SeQuant® ZIC®-cHILIC (3 µm, 100 Å) 150x2.1 mm	1.50658.0001
Injection:	5 µL	
Detection:	UV at 200 nm. Shimadzu LC-10Vp equipped with 2.5µL semi-micro flow-cell	
Flow Rate:	0.3 mL/min.	
Mobile Phase:	Acetonitrile and 25mM Potassium Phosphate buffer pH 6.0 (75:25 v/v)	
	Total ionic strength: 6.25 mM	
Temperature:	30 °C	
Diluent	Mobile phase	
Sample:	10 ppm of each analyte diluted in mobile phase	



Chromatographic Data

No.	Compound	Time (min)	Retention Factor
	Void volume (t ₀)	1	-
1	Acetic acid	2.4	1.4
2	Succinic acid	3.9	2.9
3	Malic acid	5.5	4.5
4	Tartaric acid	6.0	5.0
5	Citric acid	8.9	7.9