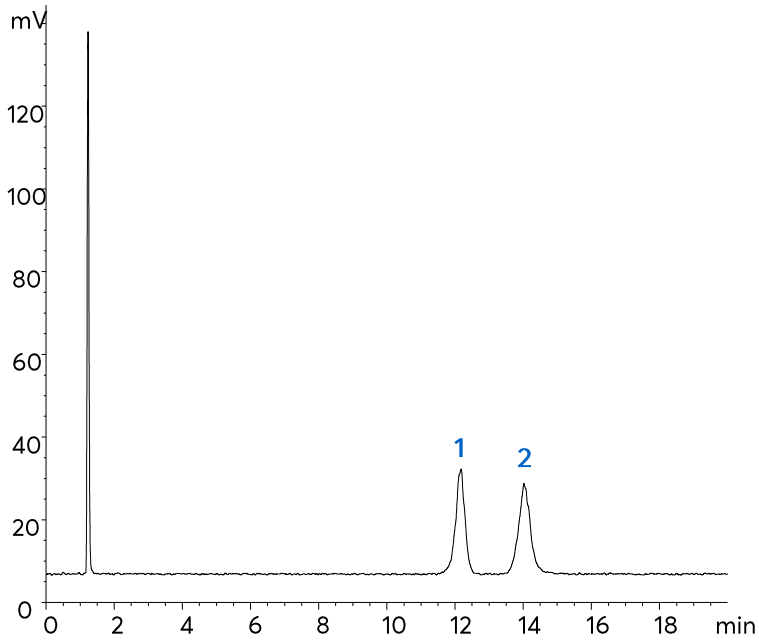
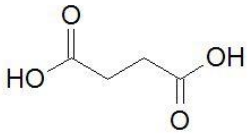
avantor™

Chromatography Solutions

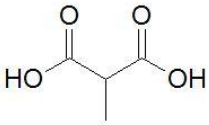
Application note #4520

Methylmalonic Acid and Succinic Acid using HILIC Mode





1. Succinic acid



2. Methylmalonic acid

Avantor® ACE®

avantor™ | authorized channel partner

Method Details

CONDITIONS

Columns:	ACE 5 HILIC-B
Dimensions:	150 x 4.6 mm
Mobile Phases:	10 mM ammonium formate pH 3.0 in MeCN/H_2O (90:10 v/v)
Flow Rate:	1.5 mL/min
Injection:	5 µL
Temperature:	25 °C
Detection:	ELSD
	Evaporator temperature: 30 °C
	Nebuliser temperature: 30 °C
	Gas speed: 1 SLM

ORDERING TABLE

Product	Details	Size	Part number
Avantor® ACE® 5 HILIC-B	HPLC column	150 x 4.6 mm	HILB-5-1546U
Acetonitrile	VWR CHROMANORM® gradient grade	2.5 L	83639.320
Water	VWR CHROMANORM® gradient grade	2.5 L	83650.320
Ammonium formate	VWR CHROMANORM® for LC-MS	100 g	84884.180