

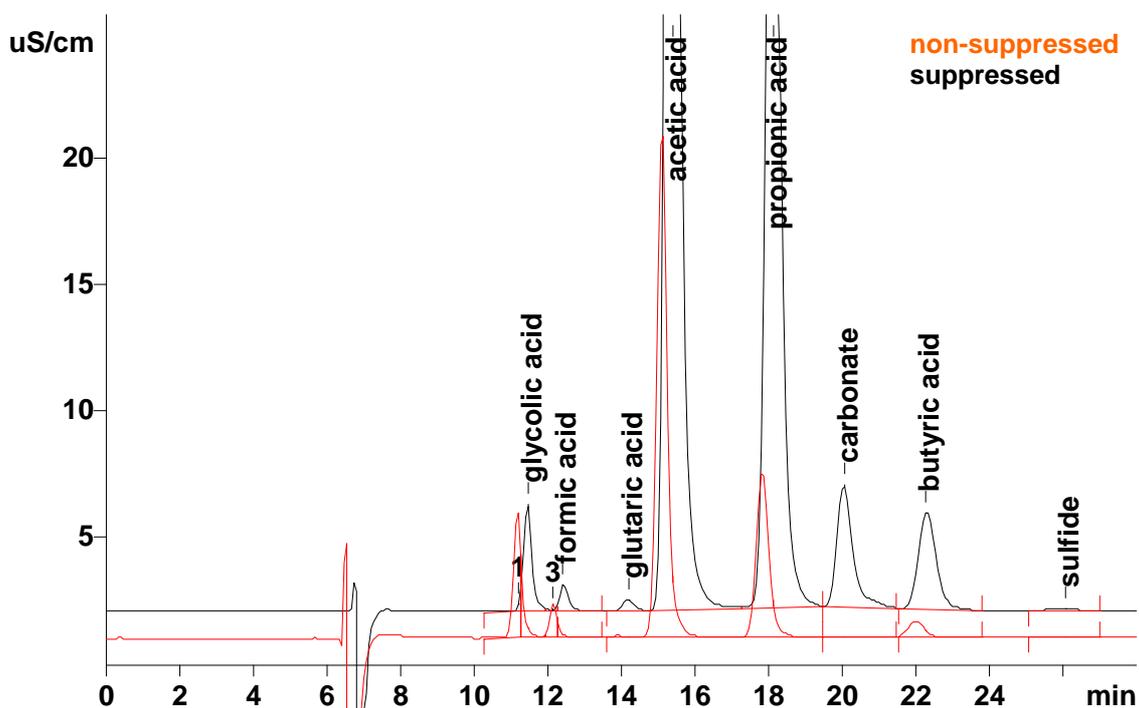
IC Application Note No. O-19

Title: Comparison of suppressed and non-suppressed detection in ion exclusion chromatography

Summary: Determination of glycolic acid, formic acid, glutaric acid, acetic acid, propionic acid and butyric acid in a standard solution using ion exclusion chromatography with suppressed and non-suppressed conductivity detection.

Sample: Standard solution
Sample Preparation: -

Column: 6.1005.200 Metrosep Organic Acids
Eluent: 0.5 mmol/L perchloric acid
Flow: 0.5 mL/min
Suppressor: MSM (10 mmol/L lithium chloride)
Injection Volume: 20 µL



Results:	Glycolic mg/L	Formic mg/L	Glutaric mg/L	Acetic mg/L	Propionic mg/L	Carbonic mg/L	Butyric mg/L	Sulfide mg/L
	5.0	0.5	0.5	200	100	100	10	5.0