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…breaking with tradition℠

Organic acids by LCMS using Luna Omega 1.6u C18 50x2.1mm

Column:	Luna Omega 1.6 um C18 100 Å, LC Column 50 x 2.1 mm, Ea
Dimensions:	50 x 2.1 mm ID
Order No:	00B-4742-AN
Elution Type:	Gradient
Eluent A:	0.1 Formic Acid in Water
Eluent B:	0.1% Formic Acid in Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	97	3
	2	7	10	90

Flow Rate:	0.3 mL/min
Col. Temp.:	30 °C
Detection:	Tandem Mass Spec (MS-MS) @ (ambient)
Detector Info:	API 4000

Products used in this application:

LUNA®
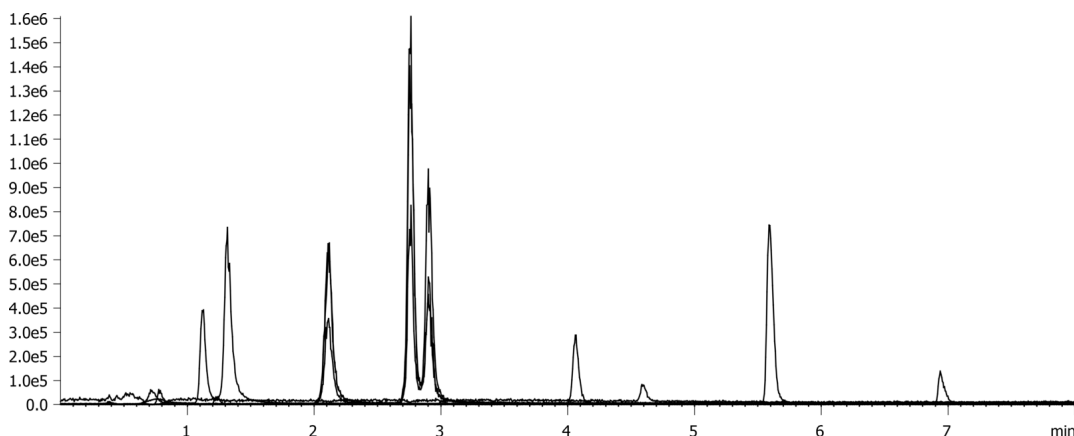
ANALYTES:

1. succinic acid
2. Methylmalonic acid
3. Glutaric acid
4. Methylsuccinate
5. Ethylmalonic acid
6. Hippuric acid
7. Homovanillic acid
8. Suberic acid

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