HPLC Application

ID No.: 23439



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

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 Step No. Time (min) Pct A Pct B **Profile:** 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:



	/ 11 1000								
1.6e6 -			1						
1.5e6 -			1						
1.4e6 -									
1.3e6 -									
1.2e6 -			1						
1.1e6 -									
1.0e6 -				1					
9.0e5 -									
8.0e5 -			li li	1					
7.0e5 -		1	. 1	1					
6.0e5 -		A	1 1						
5.0e5 -			A 11	A					
4.0e5 -		.	// IN	N					
3.0e5 -			W II	II.	1				
2.0e5 -		1 / 1	1/ 1/	11	Λ		11		
1.0e5 -		1//	/\ /\	٧V	// ^			٨	
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	1	2		3	4	5	6	7	min

ANALYTES:

- 1 succinic acid
- 2 Methylmalonic acid
- 3 Glutaric acid
- Methylsuccinate
- 5 Ethylmalonic acid
- Hippuric acid
- Homovanillic acid
- Suberic acid

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