HPLC Application

ID No.: 26535

Gradient **Profile:**



LC-MS/MS Pesticides (simazine) - NY Filter in Chili Exacts for the comparison of with/without Filter Vial

Luna® Omega 3 μ m C18 100 Å, LC Column 150 x 3.0 mm, Ea

150 x 3 mm ID **Dimensions:** Order No: 00F-4784-Y0 Elution Type: Gradient

Eluent A: 0.1% Formic Acid and 10mM Ammonium Acetate in water

Eluent B: 0.5% Formic Acid in Methanol

Step No.	Time (min)	Pct A	Pct B	
1	0	95	5	
2	0.1	95	5	
3	0.5	40	60	
4	3.5	25	75	
5	8	15	85	
6	10.5	5	95	
7	12	5	95	
8	12.1	95	5	
9	18	95	5	



Products used in this application:



Flow Rate: 0.4 mL/min

20 °C Col. Temp.:

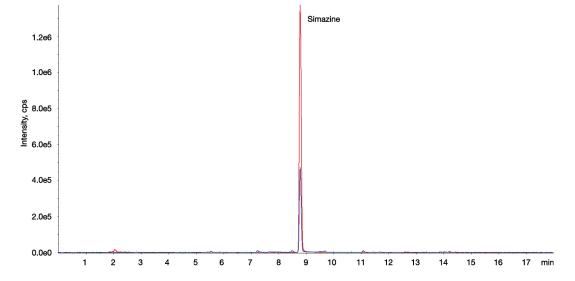
Detection: LC/MS/MS @ (ambient)

a) Prepared 10mg/mL simazine solutions with other 17 pesticide standards Analyst Note:

b) Take sample to prepare a 10x Diluted mixture by placing 100uL of the existing mix into a 900uL of a 1:2 Water: Acetonitrile mix.

c) Place 30uL of the 10x diluted mixture into 270 uL of the chili powder supernatant.

d) Place 450uL of sample from step c) into the filter vial for final analysis.



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simazine

simazine