phenomenex®

...breaking with tradition℠

LC-MS/MS Pesticides (Metolachlor) - RC Filter in Cumin Exacts for the comparison of with/without Filter Vial-

Column:	Luna® Omega 3 µm C18 100 Å, LC Column 150 x 3.0 mm, Ea
Dimensions:	150 x 3 mm ID
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

Gradient Profile:

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

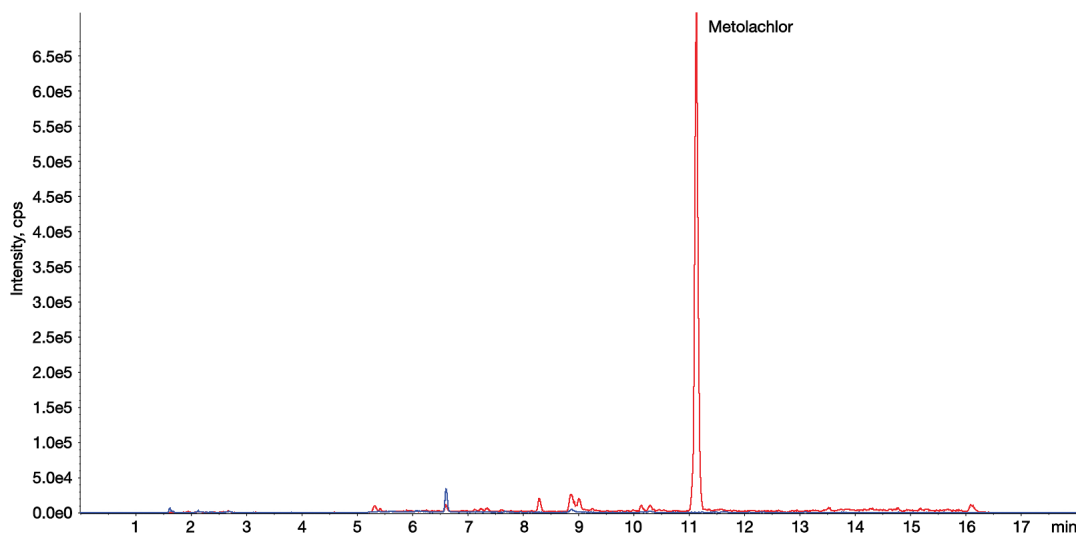|	
Flow Rate:	0.4 mL/min
Col. Temp.:	20 °C
Detection:	LC/MS/MS @ (ambient)
Analyst Note:	a) Prepared 1mg/mL Metolachlor solutions with other 17 pesticide standards

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.

Products used in this application:

LUNA®

For more information contact your Phenomenex Representative at support@phenomenex.com

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ANALYTES:

1   Metolachlor

2   Metolachlor

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