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Phospholipid Removal Phree vs. Traditional PPT(Zoomed Scale)

Column:	Kinetex® 2.6 µm C18 100 Å, LC Column 50 x 2.1 mm, Ea
Dimensions:	50 x 2.1 mm ID
Order No:	00B-4462-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	40	60
	2	0.5	5	95
	3	15.5	5	95
	4	15.51	40	60
	5	19.5	40	60

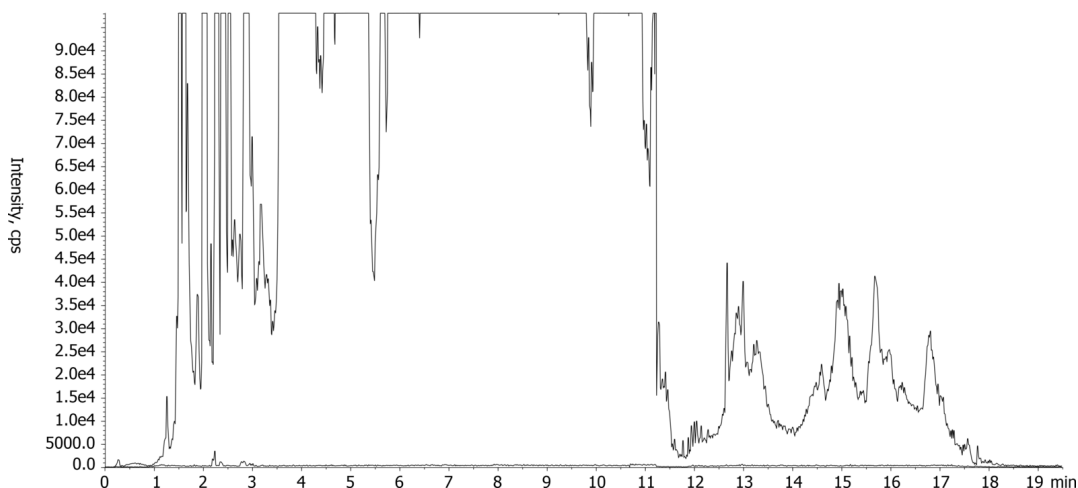|	
Flow Rate:	400
Col. Temp.:	ambient
Detection:	Circular Dichroism @ 0.0000000000 (425 °C)
Analyst Note:	Extracted sample was prepped with Phenomenex Phree Phospholipid Removal Plate. Step 1: Add 300uL of 1% formic acid in acetonitrile directly to Phree plate. Step 2: Add 100uL of plasma directly to Phree plate. Vortex and extract. This was compared to standard protein precipitated plasma

Kinetex®
Ultra-High Performance
on Any LC System

Products used in this application:

KINETEX.

ANALYTES:

1 Phospholipid Profile

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PRODUCT DESCRIPTION:

Phree™ Phospholipid Removal, 30 mg / well, 96-Well Plates , 2/Pk

Order No.: 8E-S133-TGB

SOLID PHASE EXTRACTION (SPE) PRODCEDURE:

Note: The solvent volumes shown below are for a 30 mg bed mass.
   The solvent volumes will need to be adjusted for a smaller or larger bed mass.

Condition:

Load:

   Dispense 300 uL ACN with 1% Formic acid into the wells of the plate.
   Add 100 uL of plasma.
   Mix by vortexing or aspiration.
   Filter via centrifugation, vacuum, or positive pressure.

Wash:

Dry:

Elute:

Final Prep and Analysis:

   Inject: 2 µL on HPLC Circular Dichroism @ 0.0000000000 (425°C)

ANALYTES:	Spiked Conc. (ng/mL)	Log P	pKa	% Rec	%RSC (n=0)
1 Phospholipid Profile	0				