

How Phospholipids Ruin Your LC/MS/MS Analysis





The Uninvited Guest







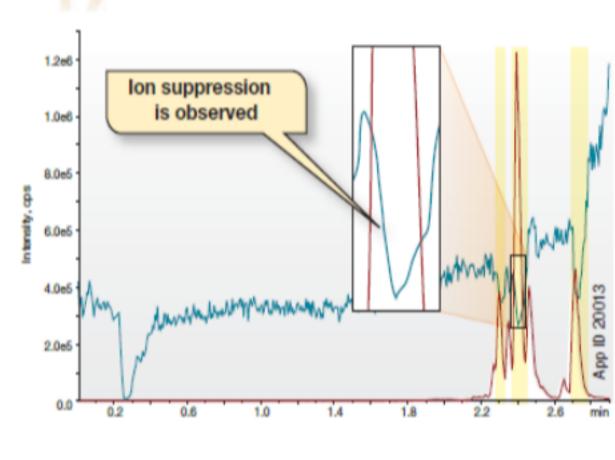
Whole Tissue Plasma

Phospholipids are present in a majority of bioanalytical samples including plasma and tissue samples. Many different classes of phospholipids exist, the most abundant being phosphatidyl cholines and lysophosphatidyl cholines.



The Mass Spec Party Pooper II



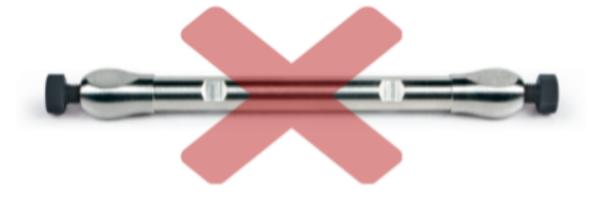


Phospholipids are the leading cause of ion suppression in LC/MS/MS analysis of bioanalytical samples.



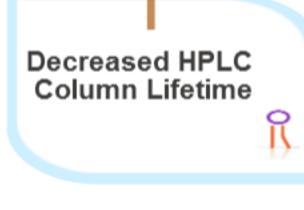
The Silent Column Killer





Over time phospholipid build up can lead to reduced column lifetime and negative changes in column selectivity also known as phospholipiditis.

3 Signs that Your HPLC Column is Suffering from Phospholipiditiis



Decreased HPLC Column Sensitivity Poor HPLC Column Performance

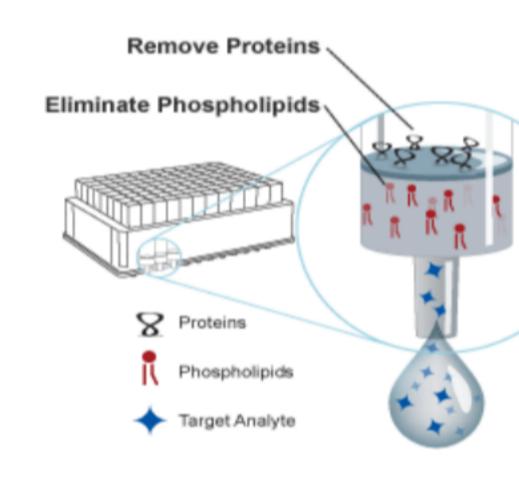


Free Your Sample from Phospholipids



Phree Phospholipid Removal 96-Well Plates Phree phospholipid removal 96

well plates are designed to simultaneously remove ion suppressing phospholipids and column clogging proteins. Phree plates are easy to use. One simple method can be used for samples containing acidic, basic, and neutral compounds









Improved LC/MS/MS Sensitivity



Liberate your HPLC Column from Phosholipiditis Visit: www.phenomenex.com/phree



