Orpheus
Silica Based SPE Sorbents

Features
- Available in all product formats (cartridges, spin columns, large reservoir columns, 96 and 384 well plates)
- Less Silanol activity
- Available in 60-300 Å porosities
- Custom Phases and formats available

Application
- Drugs of abuse, steroids, and vitamins in serum, plasma, and urine
- Pharmaceuticals and drug metabolites in biomatrices
- Pesticides and toxins from environmental samples, plants, and meat
- Nutrients from foods, including lipids, sugars, proteins
- Pigments, sugar, acid removal

Sorbent Selection
- Reversed Phase
  - C4
  - C8
  - C18
  - C18 High Load
  - Phenyl
  - PFPP
  - Cyclohexyl
  - Amino

- Normal Phase
  - Silica
  - Diol
  - Cyanopropyl
  - Alumina (A, B,N)
  - Amino
  - Florisol
  - PSA

- Ion Exchange Phase
  - SCX
  - SAX
  - Diethyl Aminoethylpropyl (DEAP– WAX)
  - Carboxylic Acid (CBA-WCX)
  - PSA
  - Amino

Mixed Mode Phases:
- C8-SAX, C8-SCX, C4-CBA, C18-SCX

Format
- SPE Plates
- SPE Cartridges
- Large Volume Cartridges
- LRC Columns
- Method Development plate
SPE Products Selection Guide

Stationary Phase Selection

**Matrix**
- Aqueous (Water, Biological Fluids, Aqueous Extracts)
- Organic (Oil, Hexane/Dichloromethane Extract of Tissue, etc)

**Type of Sorbent**
- Reversed Phase
- Ion - Exchange
- Normal Phase

**Analyte Characteristics**
- Non Polar to Moderate Polar
- Strong Cation
- Strong Anion
- Weak Cation
- Weak Anion
- Polar to Moderate Polar

**Sorbents**
- C18
- C4
- C8
- PFP
- NH2
- WCX/WAX
- SCX/SAX
- Silica
- Al
- Florisil
- Diol
- CN

**Applications**
- Pesticides
- Drug / Metabolites
- Drugs of Abuse
- Peptides
- Sugar Pigments
- Biomass Petroleum
- Drugs / Metabolite
- Strong Acid / Base
- Pesticides
- Lipids
- Food Additives

**Sorbents**
- C18
- C8
- SCX
- NH2
- PSA
- PFP
- NH2
- WCX
- WAX
- Silica
- Florisil
- AI
- CN
- Silica
- Al
- Diol