ACE C18-PFP

- Combines the C18 and pentafluorophenyl (PFP) functionalities
- Hydrophobicity, stability and low bleed characteristics of a C18 and the π - π interactions, dipole-dipole interactions and shape selectivity of a PFP phase
- Unique selectivity phase can separate mixtures that cannot be readily separated by either phase alone

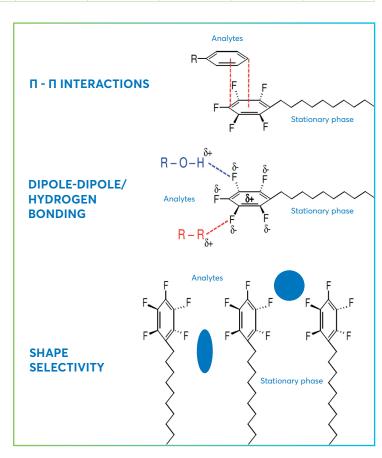
PHASE SPECIFICATIONS

Phase	USP Listing	Functional group	Endcapped	Particle size (µm)	Pore size (Å)	Surface area (m²/g)	Carbon load (%)		100% aqueous compatibility
		Octadecyl with integral							
C18-PFP	L1	PFP group	Yes	1.7, 2, 3, 5, 10	100	300	14.3	2-8	Yes



RECOMMENDED APPLICATIONS

- Analytes with π -bonding, conjugated systems and electron donating groups such as phenols, aromatic ethers and amines
- Analytes with proton donor groups
- Structural isomers, steroids, substituted aromatics and taxanes
- Applications where C18 does not provide adequate separation
- Applications where conventional PFP phases provide insufficient retention, poor stability or significant bleed



THE IMPORTANCE OF MAINTAINING HYDROPHOBICITY DURING MULTI-MODE INTERACTIONS

