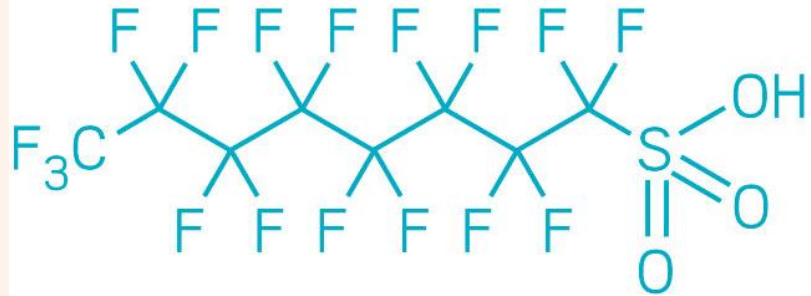


PFAS Analysis

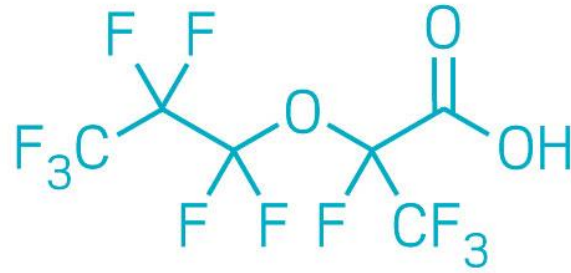
Raed Awad



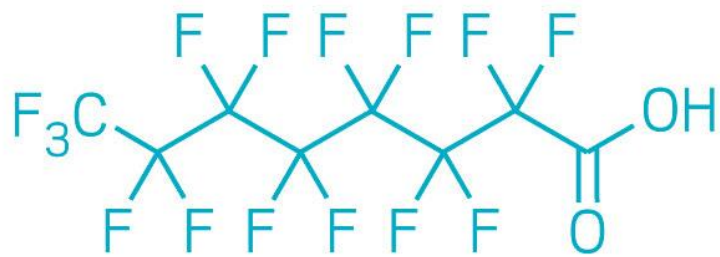
PFAS



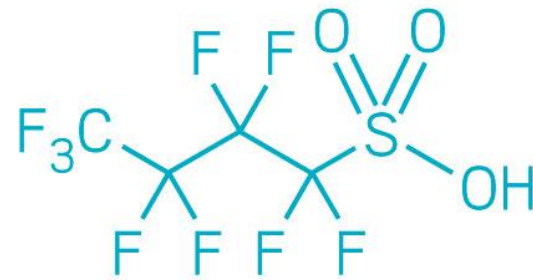
PFOS



HFPO-DA

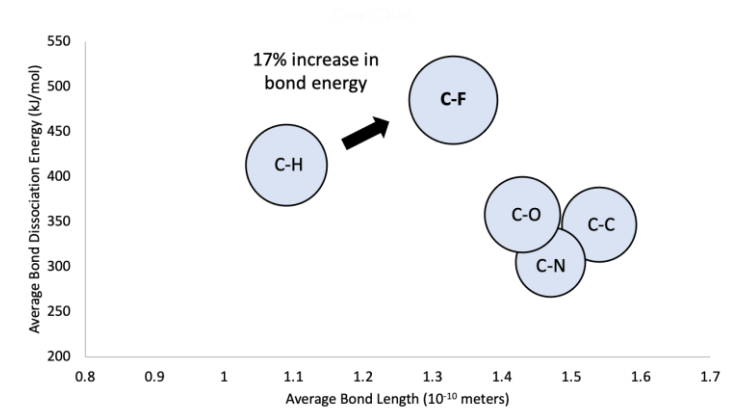
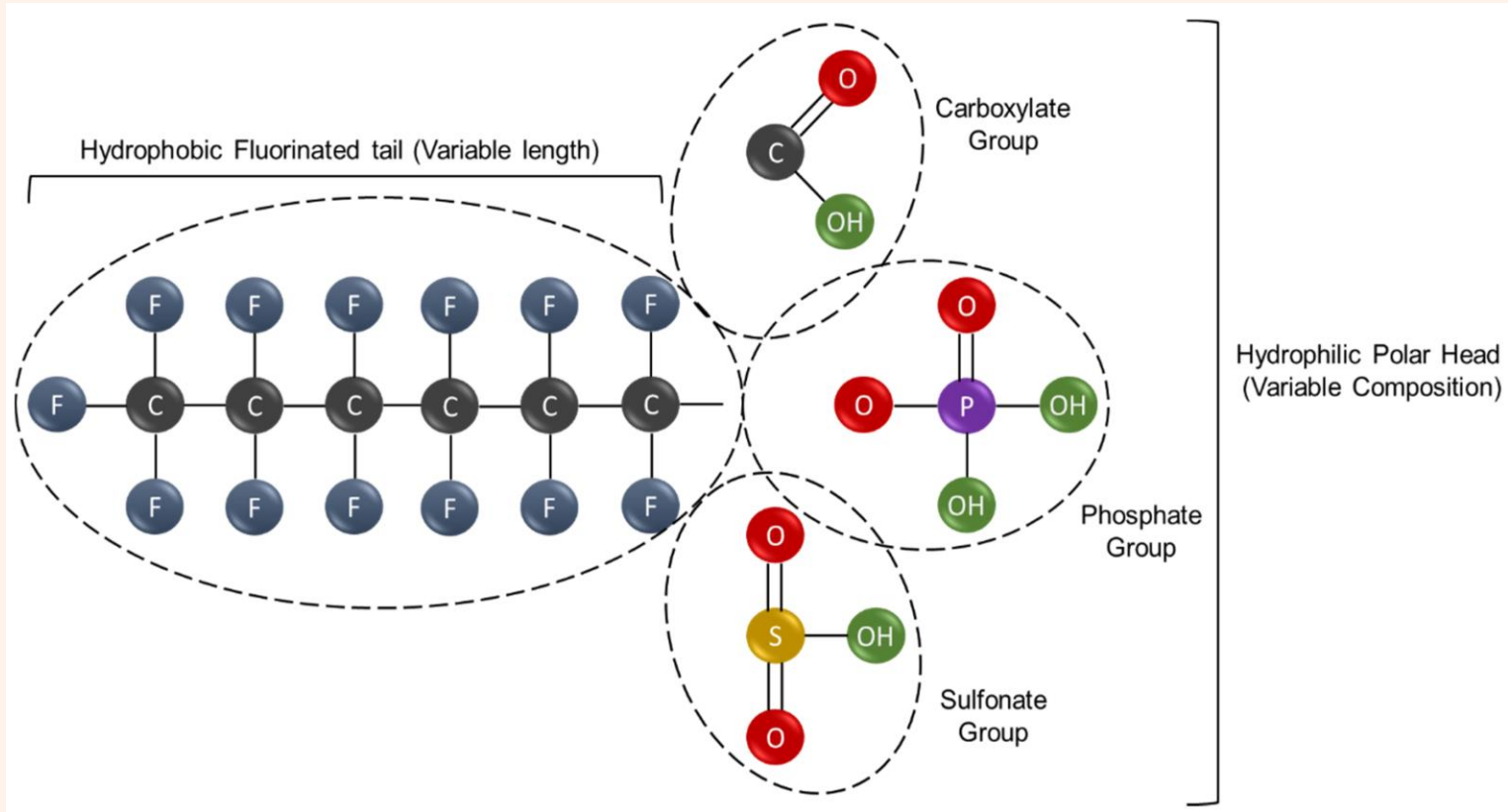


PFOA

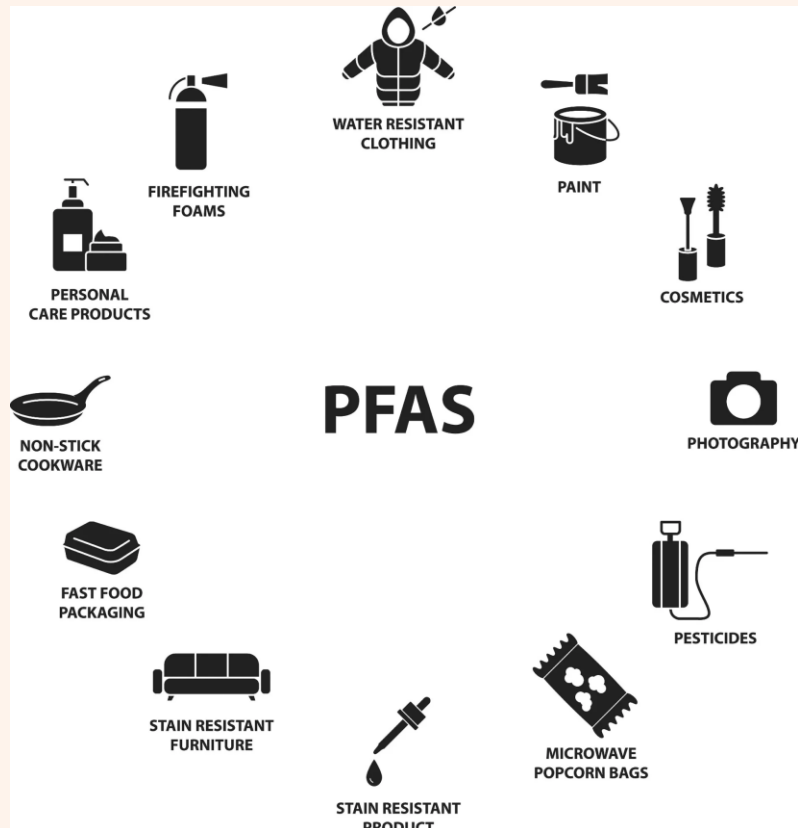


PFBS

PFAS properties



PFAS use



PFAS analysis

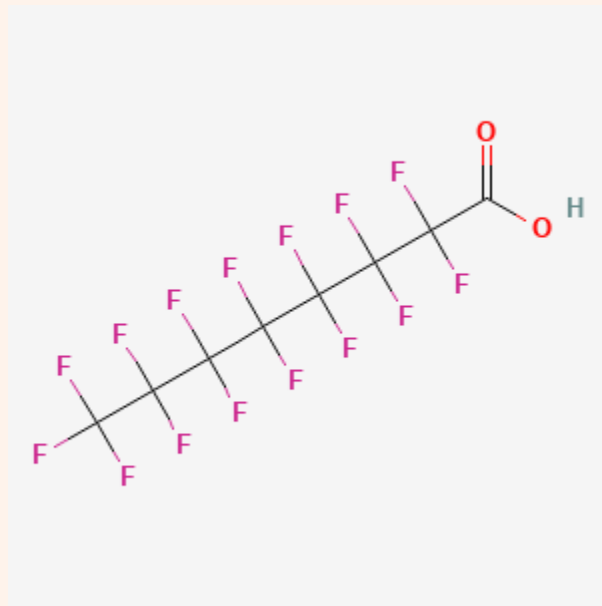
- Target analysis.
- Total Oxidizable Precursors (TOP).
- Total Fluorine (TF) and Total Organic Fluorine (TOF).
- Non-target screening and Suspect-target screening.



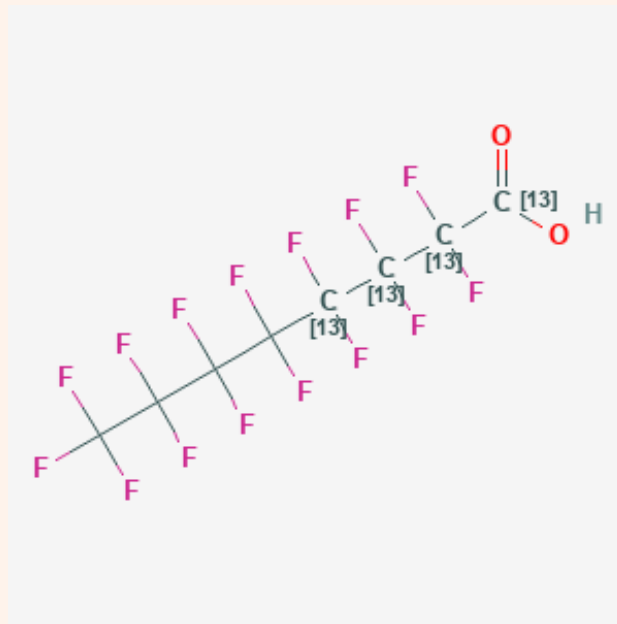
PFAS- Target analysis

Extracting and using of Internal standards analyses

PFOA

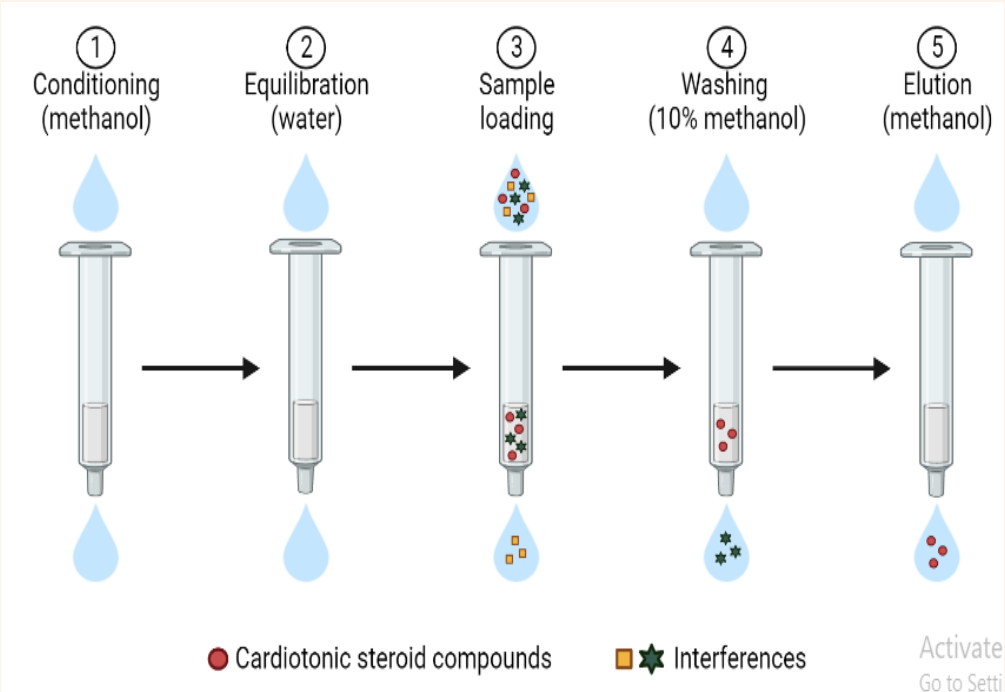


M4PFOA

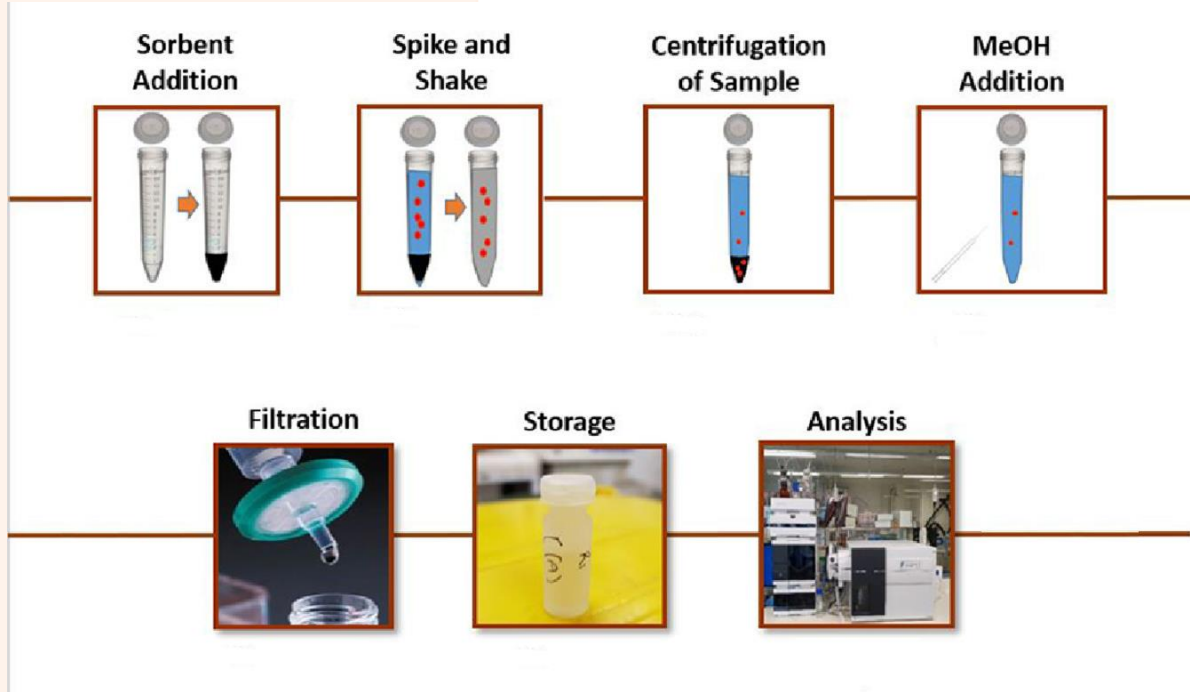


Extraction of PFAS from

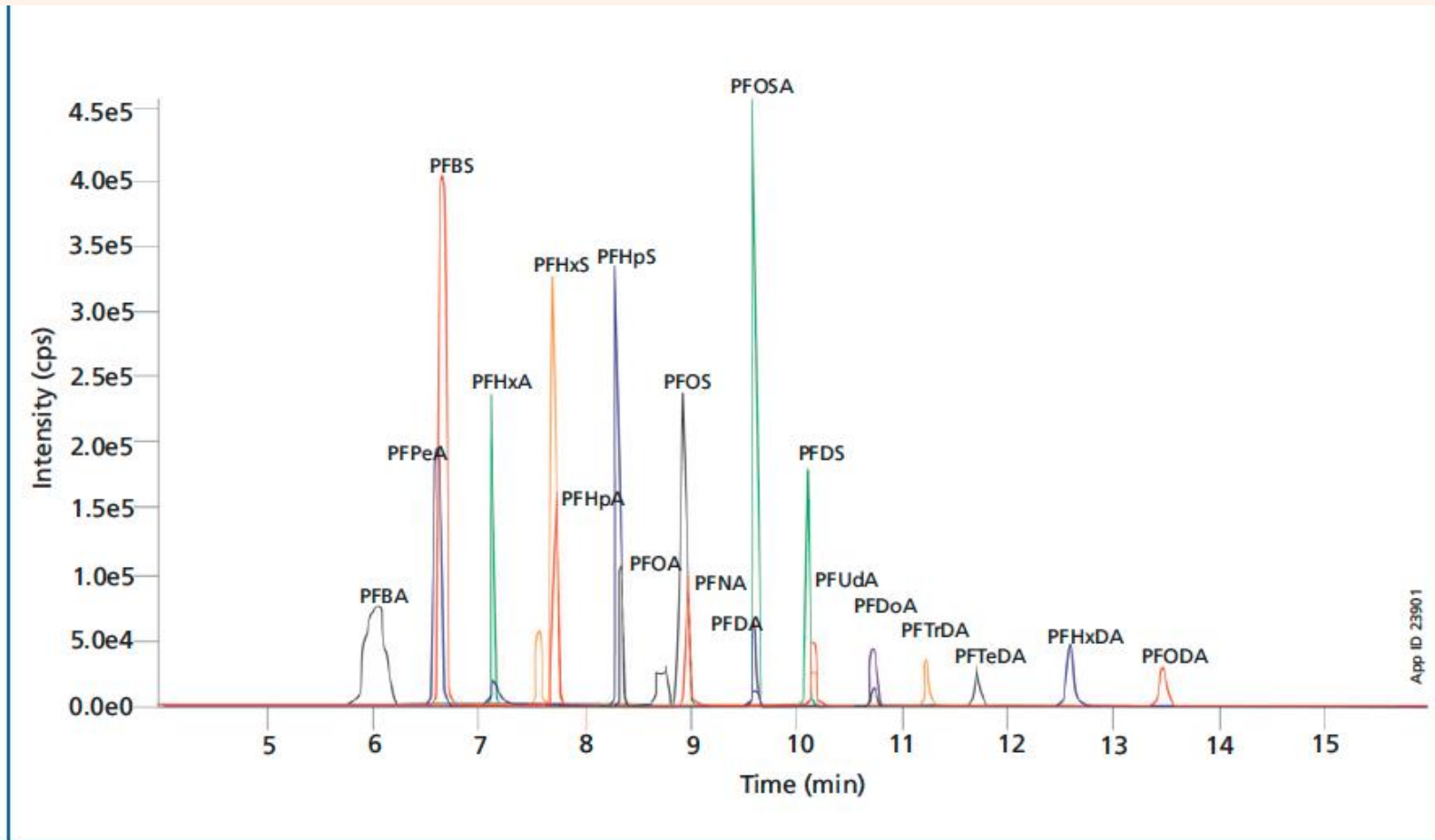
water samples



solid (sediment, biota, ..)

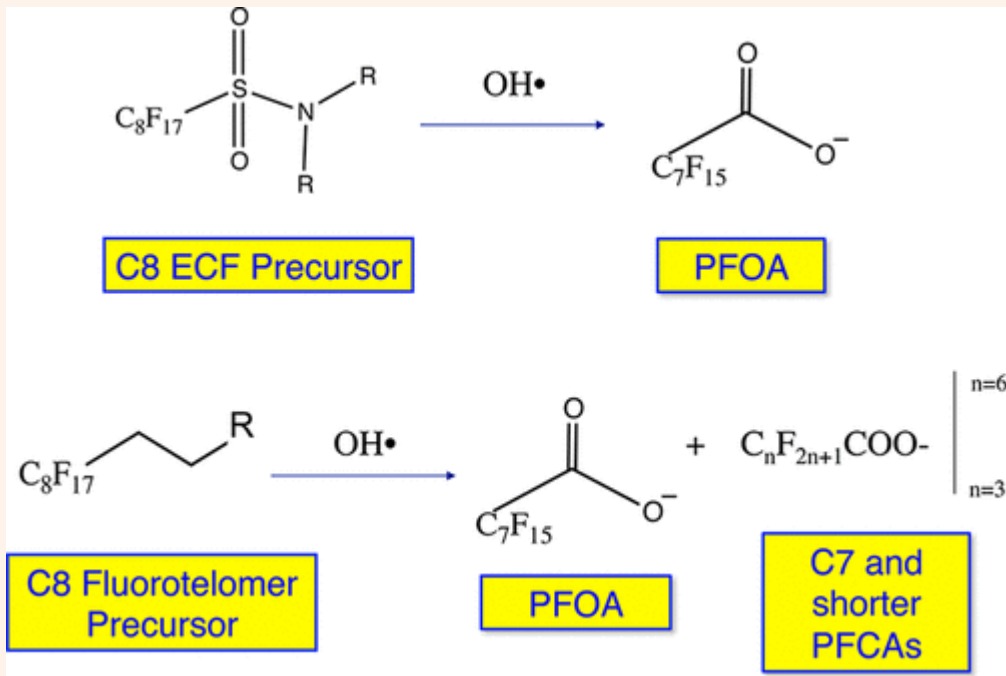


Chromatogram of PFAS result

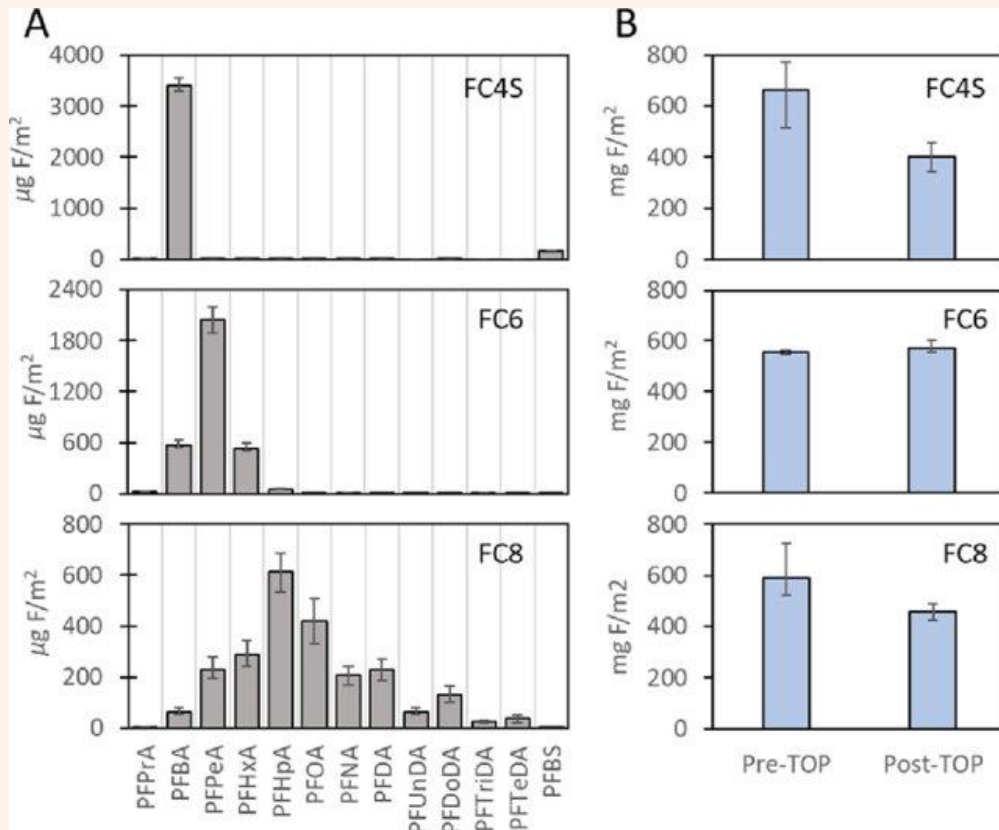


App ID: 23901

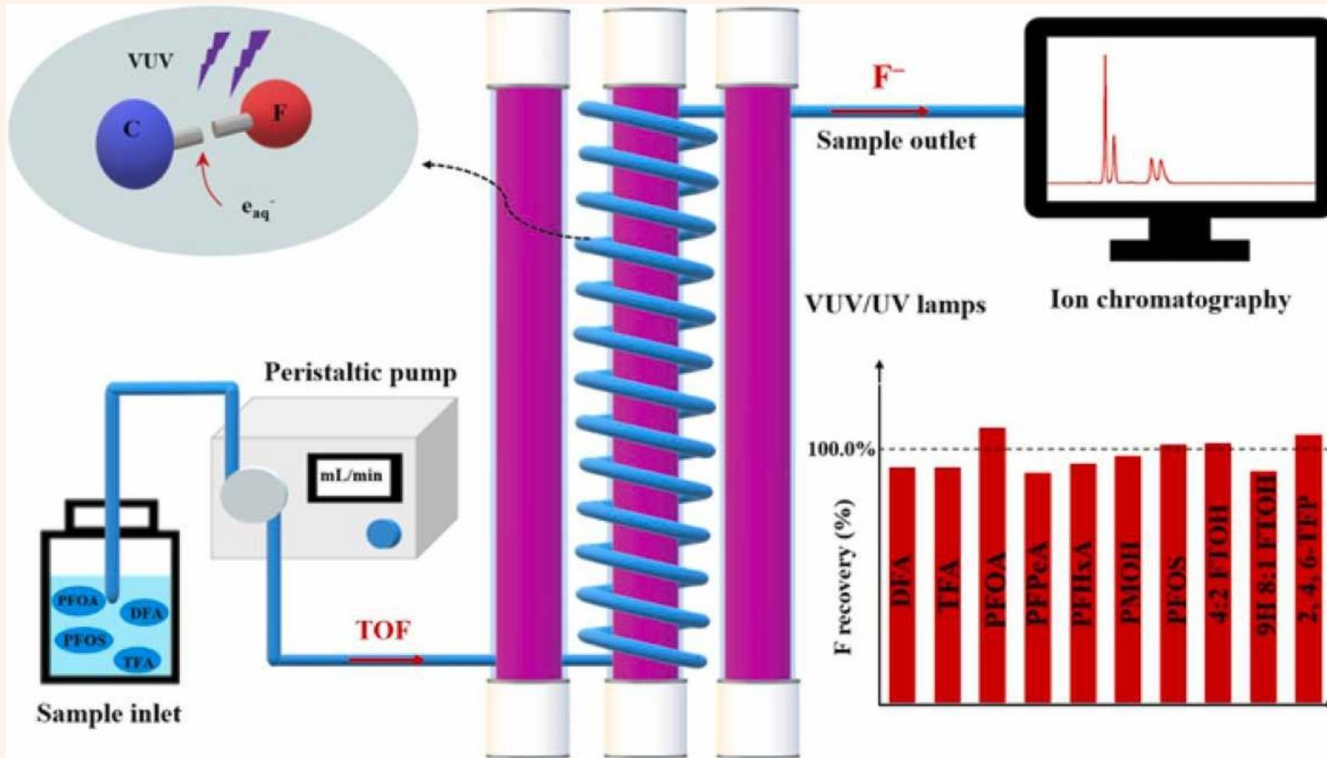
TOP analysis



TOP analysis on side chain fluoropolymer



TF and TOF



Thanks