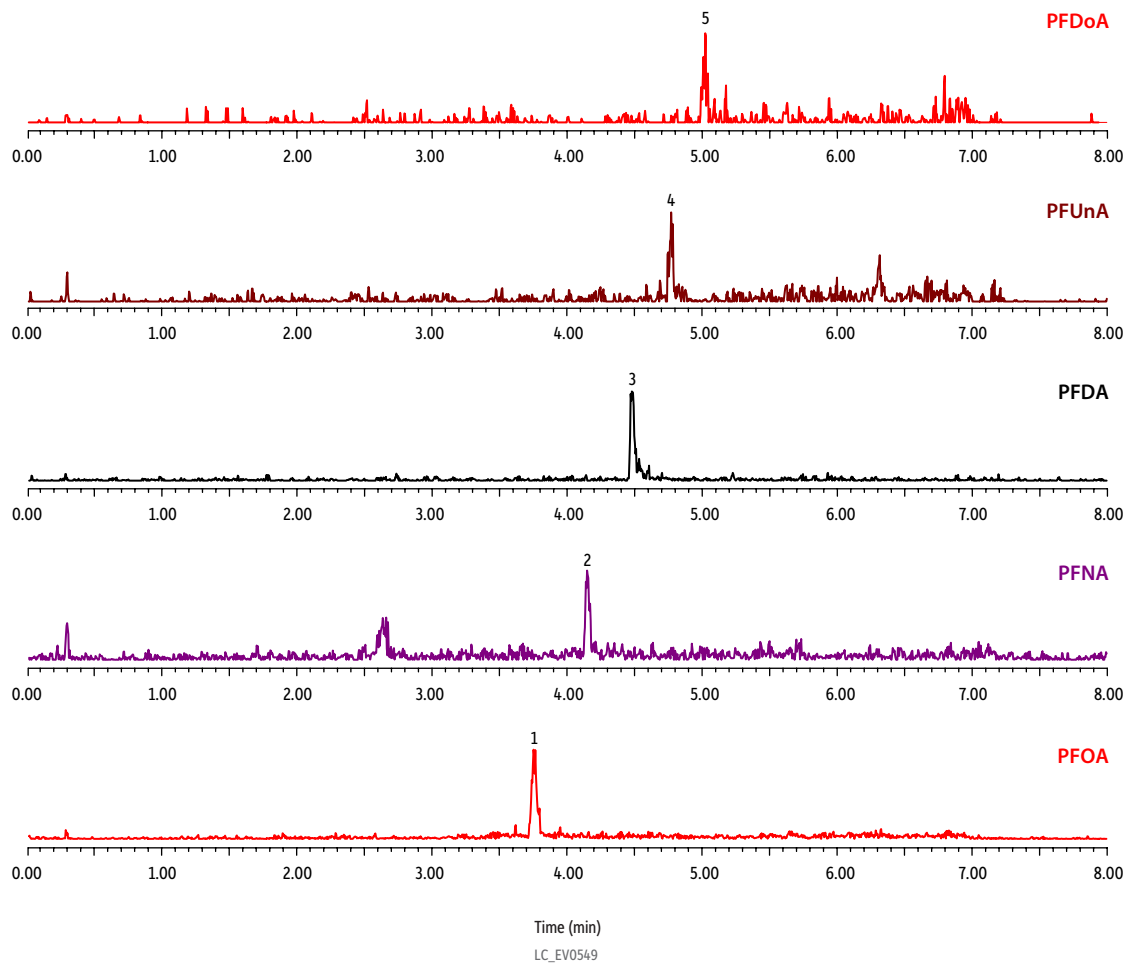


Background Perfluoroalkyl Substances in Waters ACQUITY UPLC I-Class Xevo TQ-S System



Peaks	tr (min)	Precursor Ion	Product Ion
1. Perfluorooctanoic acid (PFOA)	3.75	413.2	369.1
2. Perfluorononanoic acid (PFNA)	4.15	463.2	419.2
3. Perfluorodecanoic acid (PFDA)	4.48	513.2	469.2
4. Perfluoroundecanoic acid (PFUnA)	4.77	563.2	519.2
5. Perfluorododecanoic acid (PFDaA)	5.02	613.2	569.2

Column Raptor C18 (cat.# 9304252)
Dimensions: 50 mm x 2.1 mm ID
Particle Size: 1.8 µm
Pore Size: 90 Å
Temp.: 40 °C
Sample Blank injection without delay column after 10 minutes of equilibration.
Diluent: 80:20 Water:methanol
Inj. Vol.: 5 µL

Mobile Phase
A: Water, 5mM ammonium acetate
B: Methanol

Time (min)	Flow (mL/min)	%A	%B
0.00	0.4	80	20
6.00	0.4	5	95
6.50	0.4	5	95
6.51	0.4	80	20
8.00	0.4	80	20

Detector MS/MS
Ion Mode: ESI-
Mode: MRM
Instrument UHPLC