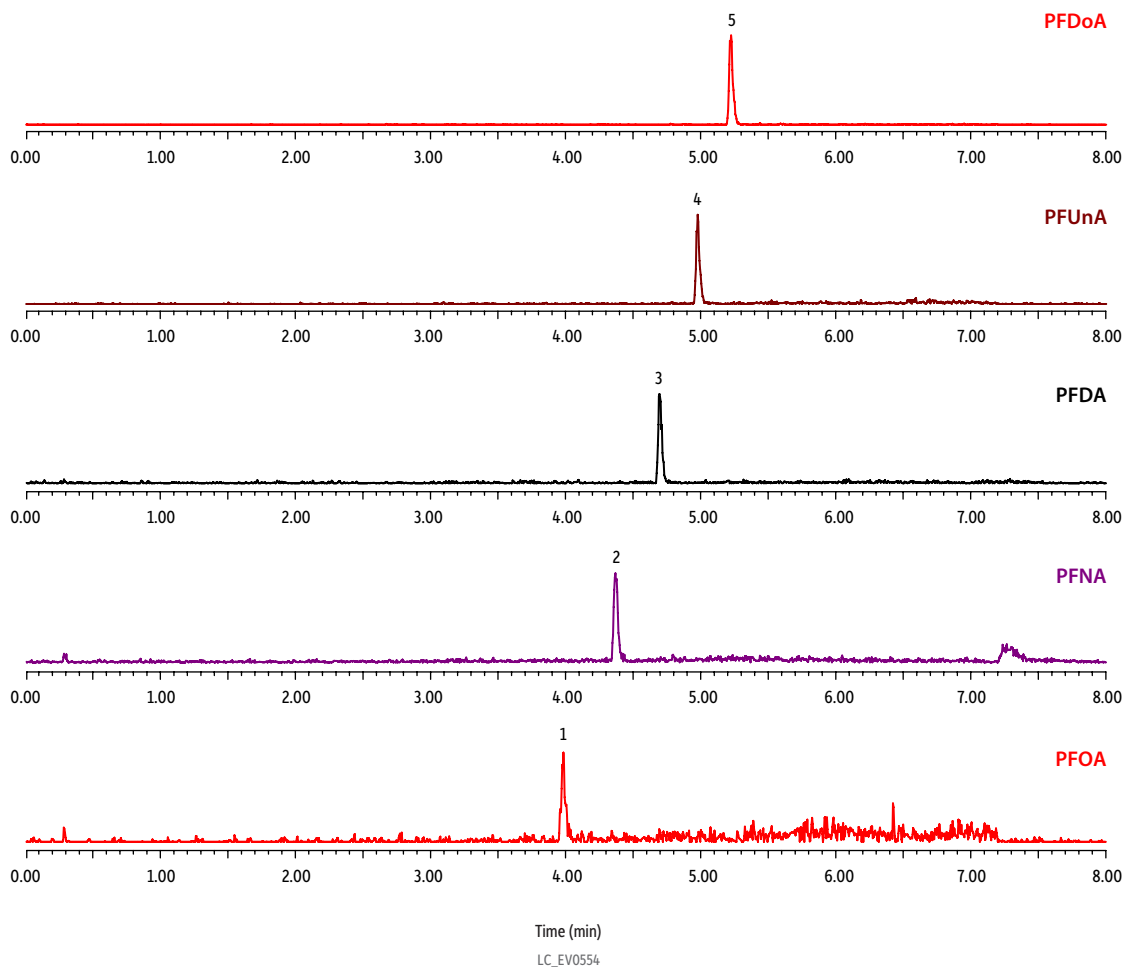


Injection of Five Perfluoroalkyl Substances on Raptor C18 and Waters ACQUITY UPLC I-Class Xevo TQ-S System with PFAS Delay Column



Peaks	tr (min)	Conc. (ng/mL)	Precursor Ion	Product Ion
1. Perfluorooctanoic acid (PFOA)	3.99	0.1	413.2	369.1
2. Perfluorononanoic acid (PFNA)	4.37	0.1	463.2	419.2
3. Perfluorodecanoic acid (PFDA)	4.70	0.1	513.2	469.2
4. Perfluoroundecanoic acid (PFUnA)	4.98	0.1	563.2	519.2
5. Perfluorododecanoic acid (PFDaA)	5.23	0.1	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
Diluent: 80:20 Water:methanol
Conc.: 0.1 ng/mL
Inj. Vol.: 5 µL

Mobile Phase
A: Water, 5 mM 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

Notes A PFAS delay column (cat.# 27854) was installed before the injector.