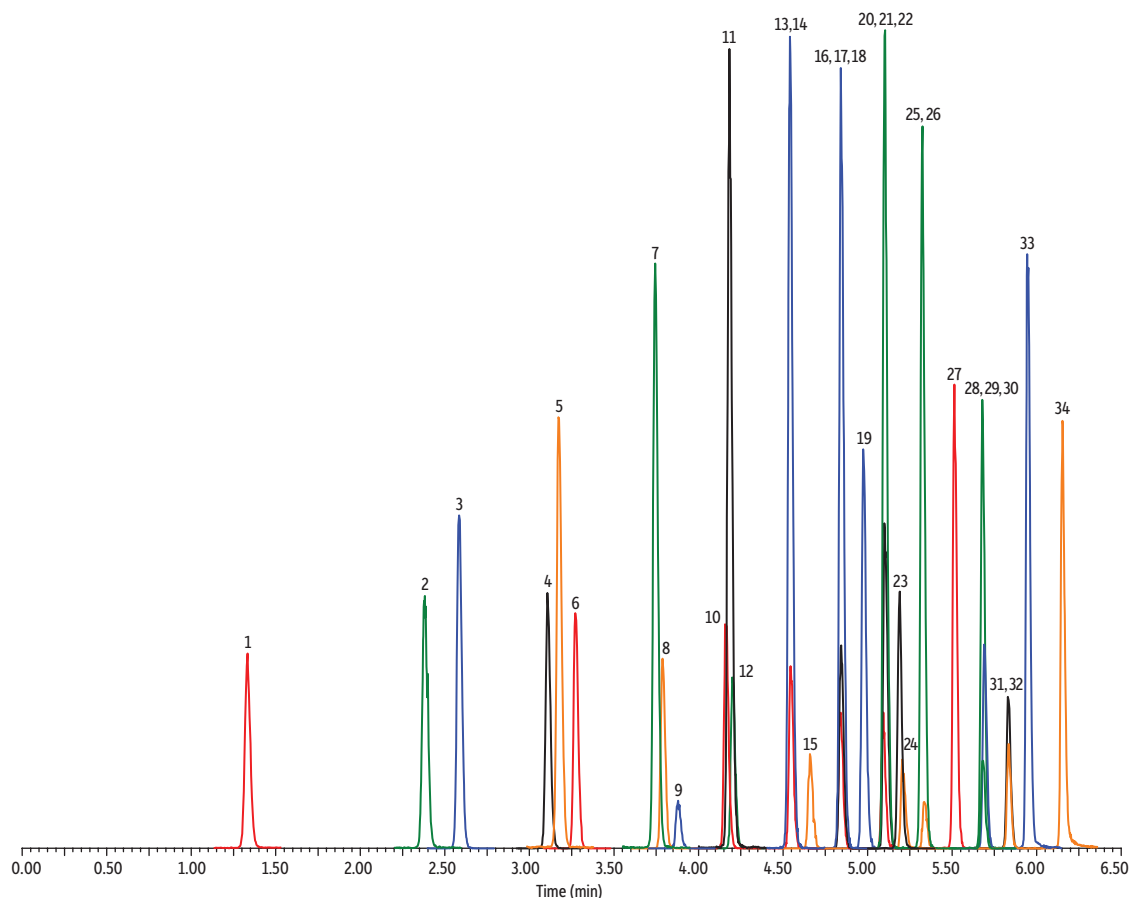


Perfluorinated Compounds (PFCs) on Force C18 (1.8 μm)



LC_EV0552

Peaks	tr (min)	Conc. (μg/mL)	Precursor Ion	Product Ion
1. Perfluorobutanoic acid (PFBA)	1.33	5	213.1	169.1
2. Perfluoropentanoic acid (PFPeA)	2.38	5	263.1	219.1
3. Perfluorobutane sulfonic acid (PFBS)	2.58	5	299.1	80.0
4. 1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	3.11	5	327.1	307.1
5. Perfluorohexanoic acid (PFHxA)	3.17	5	313.1	269.1
6. Perfluoropentane sulfonic acid (PFPeS)	3.27	5	349.1	80.0
7. Perfluoroheptanoic acid (PFHpA)	3.74	5	363.2	319.1
8. Perfluorohexane sulfonic acid (PFHxS)	3.79	5	399.1	80.0
9. 2-Perfluorohexyl ethanoic acid (FHEA)	3.88	250	377.1	293.1
10. 1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.16	5	427.2	407.2
11. Perfluorooctanoic acid (PFOA)	4.18	5	413.2	369.1
12. Perfluoroheptane sulfonic acid (PFHpS)	4.20	5	449.2	80.0
13. Perfluorononanoic acid (PFNA)	4.54	5	463.2	419.2
14. Perfluorooctanoic acid (PFOS)	4.54	5	499.2	80.0
15. 2-Perfluorooctyl ethanoic acid (FOEA)	4.66	250	477.2	393.2
16. 1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.84	5	527.2	507.2
17. Perfluorodecanoic acid (PFDA)	4.84	5	513.2	469.2
18. Perfluorononane sulfonic acid (PFNS)	4.84	5	549.2	80.0
19. N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	4.97	5	570.2	419.2
20. Perfluorodecane sulfonic acid (PFDS)	5.09	5	599.2	80.0
21. N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	5.10	5	584.2	419.2
22. Perfluoroundecanoic acid (PFUnA)	5.10	5	563.2	519.2
23. Perfluorooctane sulfonamide (FOSA)	5.19	5	498.2	78.0
24. 2-Perfluorodecyl ethanoic acid (FDEA)	5.20	250	577.2	493.2
25. Perfluorododecanoic acid (PFDoA)	5.32	5	613.2	569.2
26. 1H, 1H, 2H, 2H-Perfluorododecane sulfonic acid (10:2 FTS)	5.33	5	627.2	607.2
27. Perfluorotridecanoic acid (PFTrDA)	5.51	5	663.2	619.2
28. N-Methyl perfluorooctane sulfonamide (N-MeFOSA)	5.68	5	512.2	169.1
29. N-Methyl perfluorooctane sulfonamidoethanol (N-MeFOSE)	5.68	50	616.3	59.1
30. Perfluorotetradecanoic acid (PFTeDA)	5.68	5	713.2	669.2
31. N-Ethyl perfluorooctane sulfonamide (N-EtFOSA)	5.83	5	526.2	169.1
32. N-Ethyl perfluorooctane sulfonamidoethanol (N-EtFOSE)	5.83	50	630.3	59.1
33. Perfluorohexadecanoic acid (PFHxDA)	5.94	5	813.3	769.3
34. Perfluorooctadecanoic acid (PFODA)	6.15	5	913.3	869.3

Column Force C18 (cat.# 9634252)
Dimensions: 50 mm x 2.1 mm ID
Particle Size: 1.8 μm
Pore Size: 100 Å
Temp.: 40 °C

Sample
Diluent: 80:20 Water:methanol
Conc.: 5-250 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