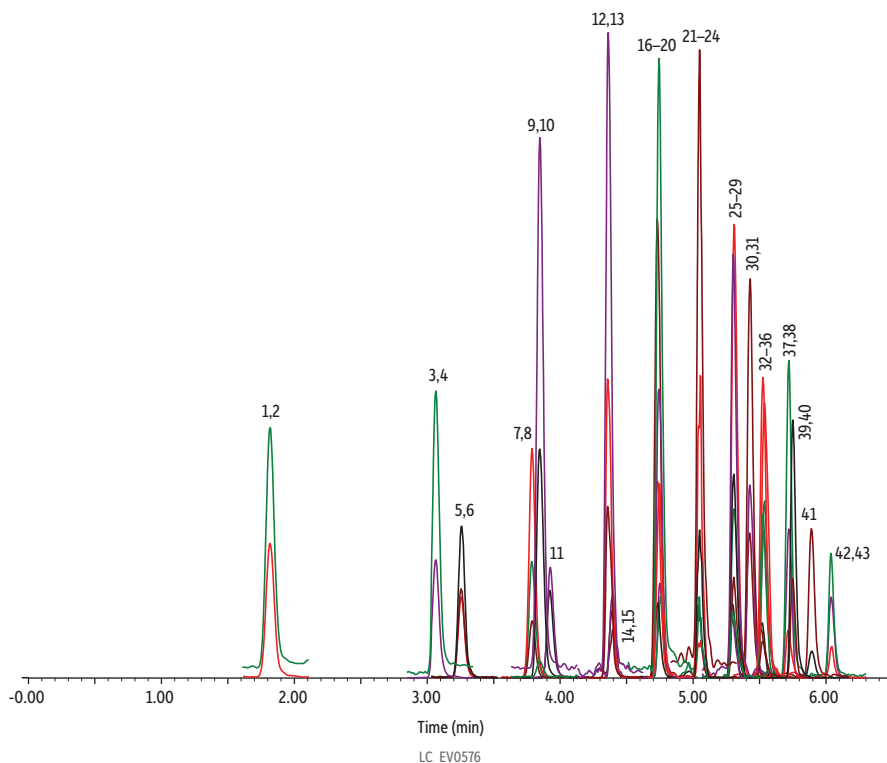


PFAS on Force C18 by Direct Injection (EPA Method 8327)



LC_EV0576

Peaks	tr (min)	Conc. (ng/L)	Precursor Ion	Product Ion	Product Ion	Column	Force C18 (cat.# 9634252)
1. Perfluorobutanoic acid (PFBA)	1.82	80	231.1	169.1	-	Dimensions:	50 mm x 2.1 mm ID
2. Perfluoro- <i>n</i> -[¹³ C ₄]butanoic acid (M4PFBA)	1.82	40	217.0	172.0	-	Particle Size:	1.8 μm
3. Perfluoropentanoic acid (PFPeA)	3.07	80	263.0	219.0	-	Pore Size:	100 Å
4. Perfluoro- <i>n</i> -[¹³ C ₅]pentanoic acid (M5PFPeA)	3.07	40	268.0	223.0	-	Temp.:	40 °C
5. Perfluorobutane sulfonic acid (PFBS)	3.25	80	299.1	80.0	99.0	Sample Diluent:	50:50 Water:methanol, 0.1% acetic acid
6. Perfluoro-1-[2,3,4- ¹³ C ₃]butyl sulfonic acid (M3PFBS)	3.25	40	302.0	80.0	-	Conc.:	80 ppt (40 ppt for surrogate or isotopically labelled PFAS)
7. 1H, 1H, 2H, 2H-perfluorohexane sulfonic acid (4:2 FTS)	3.79	80	327.1	307.1	80.8	Inj. Vol.:	10 μL
8. 1H, 1H, 2H, 2H-perfluoro-1-[1,2- ¹³ C ₂]hexyl sulfonic acid (M2-4:2 FTS)	3.79	40	329.0	309.0	-	Mobile Phase	
9. Perfluorohexanoic acid (PFHxA)	3.84	80	313.1	269.1	119.1	A:	Water, 5 mM ammonium acetate
10. Perfluoro- <i>n</i> -[1,2,3,4,6- ¹³ C ₅]hexanoic acid (M5PFHxA)	3.84	40	318.0	273.0	-	B:	Methanol
11. Perfluoropentane sulfonic acid (PFPeS)	3.92	80	349.1	80.0	99.0	Time (min)	0.00
12. Perfluoroheptanoic acid (PFHpA)	4.36	80	363.2	319.1	169.1	Flow (mL/min)	0.4
13. Perfluoro- <i>n</i> -[1,2,3,4- ¹³ C ₄]heptanoic acid (M4PFHpA)	4.36	40	367.0	322.0	-	%A	80
14. Perfluorohexane sulfonic acid (PFHxS)	4.40	80	399.1	80.0	99.0	6.00	0.4
15. Perfluoro-1-[1,2,3- ¹³ C ₃]hexyl sulfonic acid (M3PFHxS)	4.40	40	402.0	80.0	-	8.00	0.4
16. 1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2 FTS)	4.72	80	427.2	407.2	80.7	%B	20
17. 1H, 1H, 2H, 2H-perfluoro-1-[1,2- ¹³ C ₂]octyl sulfonic acid (M2-6:2 FTS)	4.72	40	429.0	409.0	-	Detector	MS/MS
18. Perfluorooctanoic acid (PFOA)	4.75	80	412.9	369.0	169.0	Ion Mode:	ESI-
19. Perfluoro- <i>n</i> -[¹³ C ₈]octanoic acid (M8PFOA)	4.75	40	421.0	376.0	-	Mode:	MRM
20. Perfluoroheptane sulfonic acid (PFHpS)	4.75	80	449.2	80.0	99.0	Instrument	UHPLC
21. Perfluorononanoic acid (PFNA)	5.05	80	463.2	419.2	219.1	Notes	A PFAS delay column (cat.# 27854) was installed before the injector.
22. Perfluoro- <i>n</i> -[¹³ C ₉]nonanoic acid (M9PFNA)	5.05	40	472.0	427.0	-		
23. Perfluorooctane sulfonic acid (PFOS)	5.05	80	499.2	80.0	99.0		
24. Perfluoro-1-[¹³ C ₈]octyl sulfonic acid (M8PFOS)	5.05	40	506.8	80.0	-		
25. 1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2 FTS)	5.29	80	527.2	507.2	80.8		
26. 1H, 1H, 2H, 2H-perfluoro-1-[1,2- ¹³ C ₂]decyl sulfonic acid (M2-8:2 FTS)	5.29	40	529.0	509.0	-		
27. Perfluorononane sulfonic acid (PFNS)	5.30	80	549.2	80.0	99.0		
28. Perfluorodecanoic acid (PFDA)	5.30	80	513.2	469.2	219.1		
29. Perfluoro- <i>n</i> -[1,2,3,4,5,6- ¹³ C ₆]decanoic acid (M6PFDA)	5.30	40	518.9	473.9	-		
30. N-methylperfluoro-1-octanesulfonamidoacetic acid (N-MeFOSAA)	5.43	80	570.2	419.2	483.2		
31. N-methyl-d ₃ -perfluoro-1-octanesulfonamidoacetic acid (d ₃ -N-MeFOSAA)	5.43	40	572.9	418.9	-		
32. Perfluoroundecanoic acid (PFUnA)	5.52	80	563.2	519.2	269.1		
33. Perfluoro- <i>n</i> -[1,2,3,4,5,6,7- ¹³ C ₇]undecanoic acid (M7PFUnA)	5.52	40	569.9	524.9	-		
34. Perfluorodecane sulfonic acid (PFDS)	5.53	80	599.2	80.0	99.0		
35. N-ethylperfluoro-1-octanesulfonamidoacetic acid (N-EtFOSAA)	5.54	80	584.2	419.2	483.1		
36. N-ethyl-d ₅ -perfluoro-1-catanesulfonamidoacetic acid (d ₅ -N-EtFOSAA)	5.54	40	589.0	419.0	-		
37. Perfluorododecanoic acid (PFDoA)	5.71	80	613.2	569.2	169.1		
38. Perfluoro- <i>n</i> -[1,2- ¹³ C ₂]dodecanoic acid (M2PFDoA)	5.71	40	614.8	569.9	-		
39. Perfluorooctane sulfonamide (FOSA)	5.75	80	498.2	78.0	-		
40. Perfluoro-1-[¹³ C ₈]octanesulfonamide (M8FOSA)	5.75	40	505.9	78.0	-		
41. Perfluorotridecanoic acid (PFTriA)	5.89	80	663.2	619.2	169.1		
42. Perfluorotetradecanoic acid (PFTreA)	6.04	80	713.2	669.2	169.1		
43. Perfluoro- <i>n</i> -[1,2- ¹³ C ₂]tetradecanoic acid (M2PFTreA)	6.04	40	714.8	669.7	-		