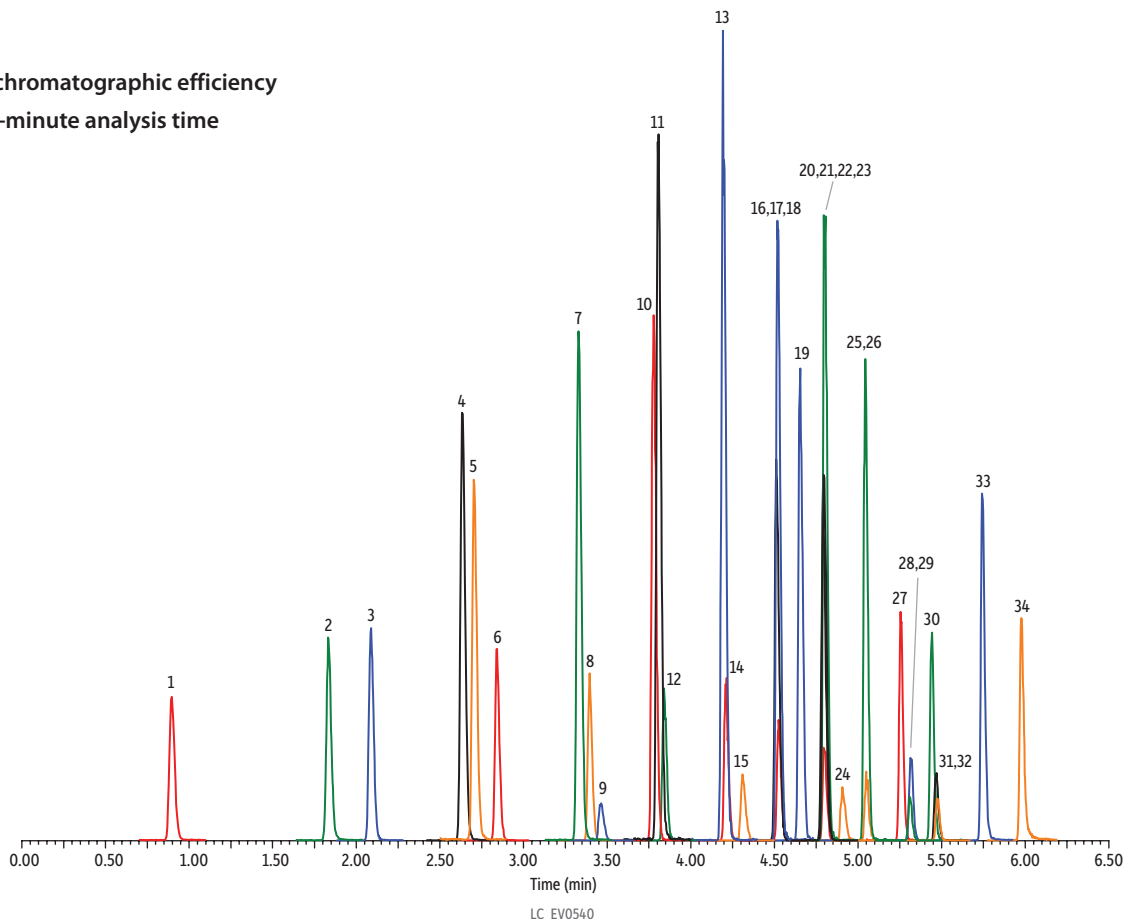


# Perfluorinated Compounds (PFCs) on Raptor C18 (1.8 µm)

- High chromatographic efficiency
- Fast 8-minute analysis time



		Peaks		Conc.	Precursor Ion	Product Ion	
		tr (min)	(ng/mL)				
Column	Raptor C18 (cat.# 9304252)	1.	Perfluorobutanoic acid (PFBA)	0.90	5	213.07	169.07
Dimensions:	50 mm x 2.1 mm ID	2.	Perfluoropentanoic acid (PFPeA)	1.83	5	263.10	219.11
Particle Size:	1.8 µm	3.	Perfluorobutane sulfonic acid (PFBS)	2.09	5	299.10	79.99
Pore Size:	90 Å	4.	1H, 1H, 2H, 2H-perfluorohexane sulfonic acid (4:2 FTS)	2.63	5	327.10	307.08
Temp.:	40 °C	5.	Perfluorohexanoic acid (PFHxA)	2.70	5	313.10	269.12
Sample		6.	Perfluoropentane sulfonic acid (PFPeS)	2.84	5	349.10	79.98
Diluent:	80:20 Water:methanol	7.	Perfluoroheptanoic acid (PFHpA)	3.33	5	363.16	319.09
Conc.:	5-250 ng/mL	8.	Perfluorohexane sulfonic acid (PFHxS)	3.39	5	399.13	79.98
Inj. Vol.:	5 µL	9.	2-Perfluorohexyl ethanoic acid (FHEA)	3.46	250	377.13	293.07
Mobile Phase		10.	1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2 FTS)	3.78	5	427.17	407.18
A:	5 mM Ammonium acetate in water	11.	Perfluorooctanoic acid (PFOA)	3.81	5	413.16	369.10
B:	Methanol	12.	Perfluoroheptane sulfonic acid (PFHpS)	3.84	5	449.17	79.98
		13.	Perfluorononanoic acid (PFNA)	4.19	5	463.16	419.19
		14.	Perfluorooctane sulfonic acid (PFOS)	4.21	5	499.17	79.98
		15.	2-Perfluorooctyl ethanoic acid (FOEA)	4.31	250	477.17	393.15
		16.	1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2 FTS)	4.51	5	527.17	507.16
		17.	Perfluorodecanoic acid (PFDA)	4.52	5	513.17	469.16
		18.	Perfluorononane sulfonic acid (PFNS)	4.53	5	549.17	79.98
		19.	N-methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	4.66	5	570.20	419.17
		20.	Perfluorodecane sulfonic acid (PFDS)	4.79	5	599.17	79.98
		21.	N-ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	4.79	5	584.20	419.18
		22.	Perfluorooctane sulfonamide (FOSA)	4.79	5	498.17	77.97
		23.	Perfluoroundecanoic acid (PFUnA)	4.80	5	563.23	519.24
		24.	2-Perfluorodecyl ethanoic acid (FDEA)	4.91	250	577.23	493.18
		25.	Perfluorododecanoic acid (PFDDA)	5.04	5	613.23	569.19
		26.	1H, 1H, 2H, 2H-perfluorododecane sulfonic acid (10:2 FTS)	5.05	5	627.23	607.20
		27.	Perfluorotridecanoic acid (PFTrDA)	5.25	5	663.23	619.21
		28.	N-methyl perfluorooctane sulfonamide (N-MeFOSA)	5.31	5	512.17	169.07
		29.	N-methyl perfluorooctane sulfonamidoethanol (N-MeFOSE)	5.31	50	616.27	59.11
		30.	Perfluorotetradecanoic acid (PFTeDA)	5.44	5	713.23	669.23
		31.	N-ethyl perfluorooctane sulfonamide (N-EtFOSA)	5.47	5	526.23	169.06
		32.	N-ethyl perfluorooctane sulfonamidoethanol (N-EtFOSE)	5.47	50	630.33	59.11
		33.	Perfluorohexadecanoic acid (PFHxDA)	5.74	5	813.30	769.28
		34.	Perfluorooctadecanoic acid (PFODA)	5.98	5	913.30	869.32