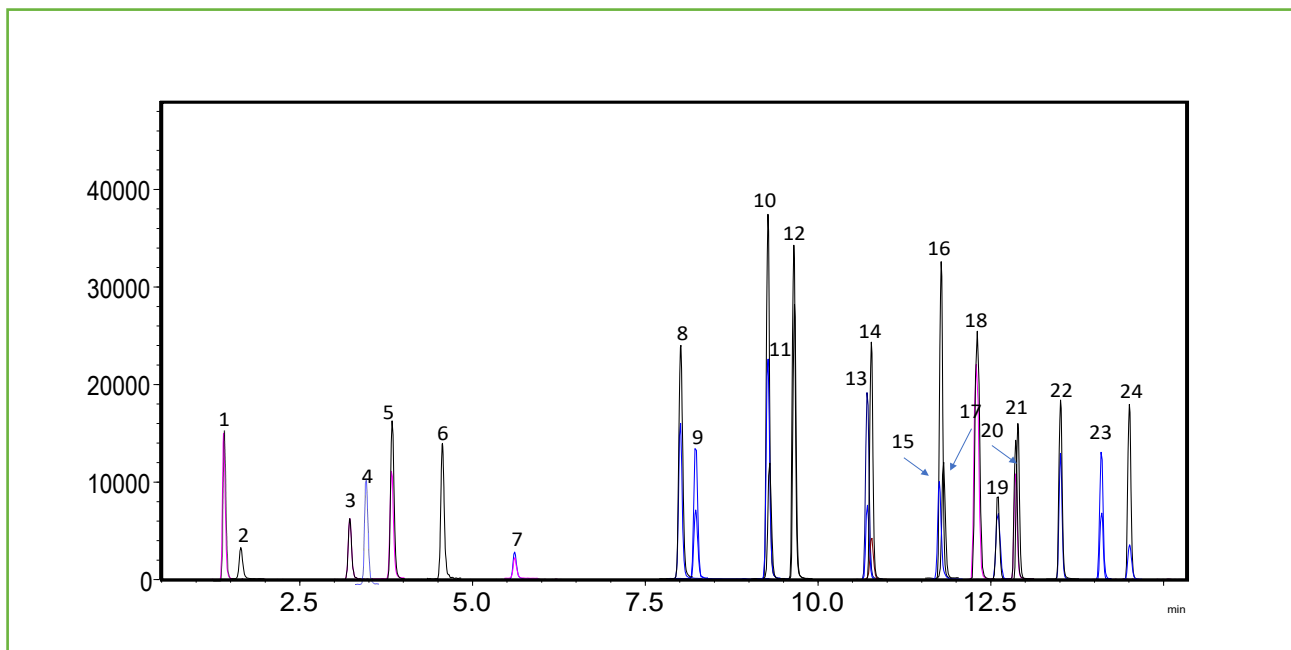




### PFAS Analysis According to EPA 8327

246-PF



Peak #	Compound	Transition	t <sub>R</sub> (min)	Peak #	Compound	Transition	t <sub>R</sub> (min)
1	PFBA	213.0000>169.0000	1.358	13	PFNA	463.0000>419.0000	10.751
2	4:2FTS	229.0000>85.0000	1.890	14	PFOS	499.0000>80.0000	10.793
3	PFPeA	263.0000>219.0000	3.219	15	PFNS	527.0000>507.0000	11.843
4	PFBS	299.0000>80.0000	3.810	16	PFDA	513.0000>469.0000	11.885
5	PFHpS	279.0000>85.0000	3.967	17	8:2FTS	549.0000>80.0000	11.897
6	PFPeS	315.0000>135.0000	4.791	18	N-MeFOSAA	570.0000>419.0000	12.366
7	PFHxA	313.0000>269.0000	5.684	19	6:2FTS	498.0000>78.0000	12.680
8	PFHpA	363.0000>319.0000	7.763	20	PFUnA	563.0000>519.0000	12.862
9	PFHxS	399.0000>80.0000	7.985	21	N-EtFOSAA	584.0000>419.0000	12.865
10	FOSA	427.0000>407.0000	9.304	22	PFDoA	613.0000>569.0000	13.708
11	PFOA	413.0000>369.0000	9.398	23	PFTrDA	663.0000>619.0000	14.446
12	PFDS	295.0000>201.0000	9.695	24	PFTeDA	713.0000>669.0000	15.103





### TEST CONDITIONS:

**Analytical Column:** HALO® PFAS, 2.7 µm, 2.1 x 100 mm

**Part Number:** 92812-613

**Delay Column:** HALO® PFAS Delay, 3.0 x 50 mm

**Part Number:** 92113-415

**Mobile Phase A:** 10 mM Ammonium Acetate

**Mobile Phase B:** Methanol

Gradient:	Time	%B
	0.0	33
	18	98
	18.1	100
	21.0	100
	21.1	33
	26.0	End

### MS Conditions:

**Detection:** -ESI MS/MS

**LC System:** Shimadzu Nexera X2

**ESI LCMS System:** Shimadzu LCMS-8040

**Spray Voltage:** -2.0 kV

**Nebulizing Gas:** 2 L/min

**Drying Gas:** 15 L/min

**DL Temperature:** 250 °C

**Heat Block:** 400 °C

**Flow Rate:** 0.4 mL/min

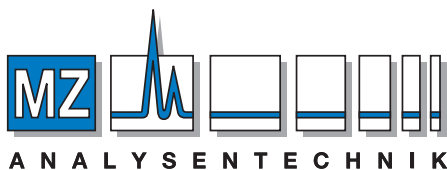
**Initial Back Pressure:** 485 bar

**Temperature:** 35 °C

**Injection Volume:** 2.0 µL

**Sample Solvent:** Methanol (96%) Water (4%)

In 2019, the EPA validated method 8327 for non-potable water testing, which includes the analysis of 24 total PFAS compounds in a variety of aquatic matrices with 14 compounds being common across this method and EPA 537.1. Here we present this high resolution separation on the HALO® PFAS delay column coupled with the HALO® PFAS analytical column.



### AUTHORIZED DISTRIBUTOR

MZ-Analysentechnik GmbH, Barcelona-Allee 17 • D-55129 Mainz

Tel +49 6131 880 96-0, Fax +49 6131 880 96-20

e-mail: info@mz-at.de, www.mz-at.de

