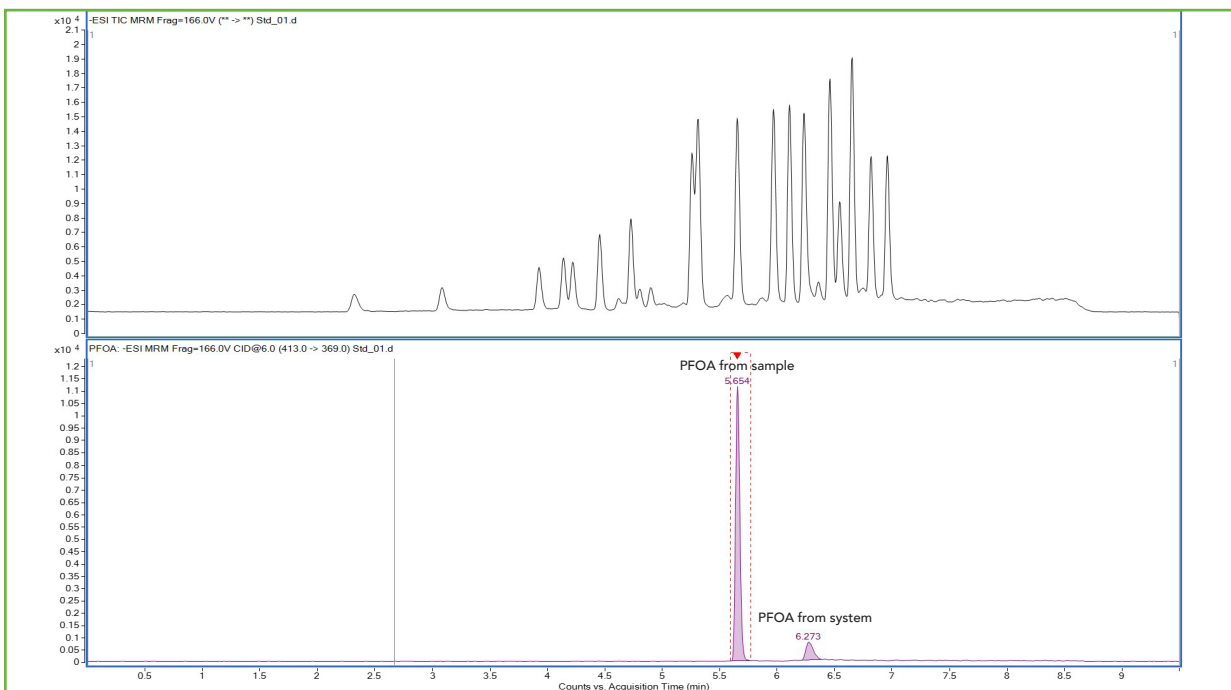




Demonstration of the HALO® PFAS Delay Column

247-PF



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: 20 mM Ammonium Acetate
B: Methanol

MS Conditions:

Gas Temp: 130 °C
Nebulizer: 25 psi
Gas Flow: 11 L/min
Sheath Gas Heater: 250 °C
Capillary: 3500 V
Data courtesy of STRIDE Center for PFAS Solutions

Gradient:

Time	%B
0.0	20
6	90
8	90
8.10	20
10.00	End

Flow Rate: 0.4 mL/min
Pressure: 505 bar
Temperature: 44 °C
Detection: -ESI MRM
Injection Volume: 2.0 µL
Sample Solvent: Methanol (96%) Water (4%)
LC System: Agilent Triple Quadrupole LC/MS 6400

Advanced Materials Technology offers both HALO® PFAS delay and analytical columns to further mitigate the effects of PFAS contamination from instrumentation, and provide a more accurate analysis. Here we show the functionality of the delay column by showing PFAS species PFOA, separated from the PFOA originating from the instrument components.

