

Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS) on Raptor C18 by LC-MS/MS

Peaks	tR (min)	Conc. (ng/mL)	Precursor Ion	Product Ion
1. Perfluoro-[1,2- ¹³ C ₂]octanoic acid (¹³ C-PFOA)	1.38	10	414.8	369.8
2. Perfluorooctanoic acid (PFOA)	1.38	5	412.7	368.8
3. Perfluoro-1-[1,2,3,4- ¹³ C ₄]octanesulfonic acid (¹³ C-PFOS)	1.65	10	502.7	79.9
4. Perfluorooctanesulfonic acid (PFOS)	1.65	5	498.7	79.9

Column Raptor C18 (cat.# 9304512)

Dimensions: 100 mm x 2.1 mm ID

Particle Size: 5 µm

Pore Size: 90 Å

Temp.: 40 °C

Sample

Diluent: Water:methanol (50:50)

Conc.: 5-10 ng/mL

Inj. Vol.: 5 µL

Mobile Phase

A: 5 mM ammonium acetate in water

B: Methanol

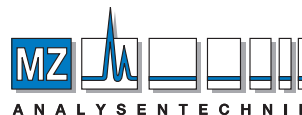
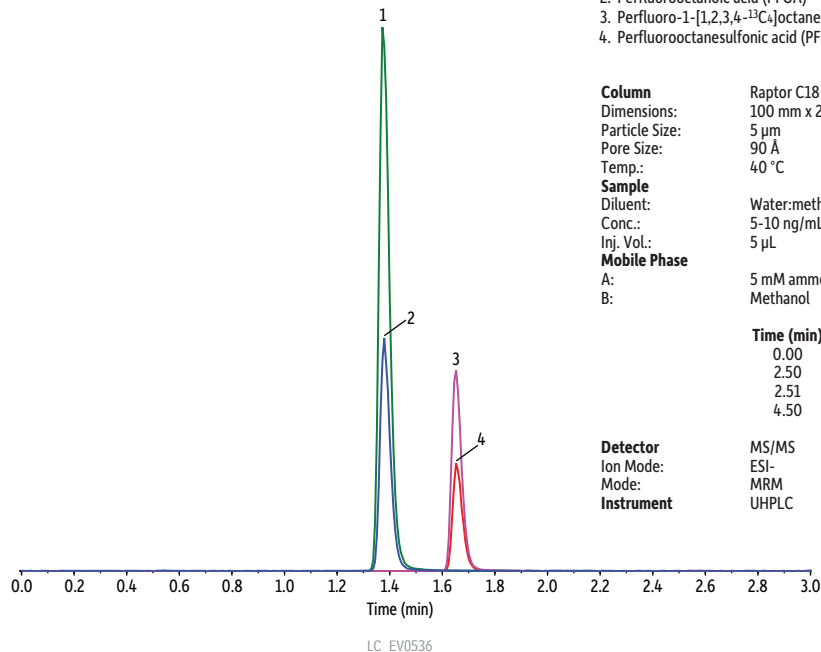
Time (min)	Flow (mL/min)	%A	%B
0.00	0.4	40	60
2.50	0.4	5	95
2.51	0.4	40	60
4.50	0.4	40	60

Detector MS/MS

Ion Mode: ESI-

Mode: MRM

Instrument: UHPLC



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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



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