

HPLC Application

ID No.: 24420

PFC's from Water using Strata X-AW online spe and Kinetex 5µm EVO C18 by LC-MS/MS

Column: Kinetex® 5µm EVO C18 100 Å, LC Column 100 x 2.1 mm, Ea

Dimensions: 100 x 2.1 mm ID

Order No: 00D-4633-AN

Elution Type: Gradient

Eluent A: 0.4% V/V Ammonium Hydroxide in Water

Eluent B: Methanol

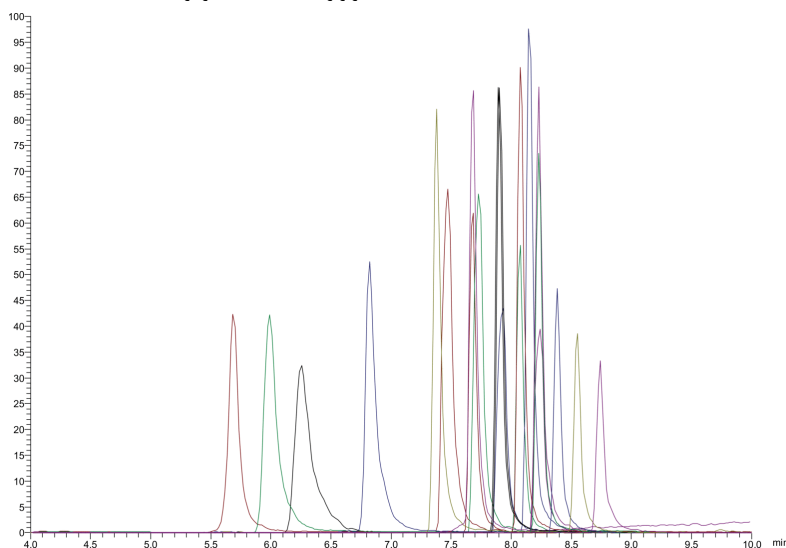
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	10	90
	2	3.1	80	20
	3	4.5	80	20
	4	6.1	10	90
	5	11	10	90
	6	14	10	90

Flow Rate: 0.3 mL/min

Col. Temp.: ambient

Detection: Mass Spectrometer (MS) @ amu (ambient)

Detector Info: Thermo TSQ Quantum Ultra QQQ



Products used in this application:



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ANALYTES:

- 1 PFBA
- 2 PFPeA
- 3 PFHxA
- 4 PFHpA
- 5 PFOA
- 6 PFNA
- 7 PFDA
- 8 PFUnDA
- 9 PFDoDA
- 10 PFTTrDA
- 11 PFTeDA
- 12 PFBS
- 13 PFHxS
- 14 PFHpS
- 15 PFOS
- 16 PFDS
- 17 6:2-FTS
- 18 8:2-FTS
- 19 N-MeFOSAA
- 20 N-EtFOSAA

