

HPLC Application

ID No.: 23838

Rapid Analysis of 23 PFASs by UHPLC-MS/MS using Luna® Omega 1.6 µm PS C18

Column: Luna Omega 1.6u PS C18 100A, LC Column 100 x 2.1 mm, Ea

Dimensions: 100 x 2.1 mm ID

Order No: 00D-4752-AN

Elution Type: Gradient

Eluent A: 5 mM Ammonium Acetate/Water

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	60	40
	2	0.5	60	40
	3	3	10	90
	4	3.1	0	100
	5	4	0	100

Flow Rate: 0.55 mL/min

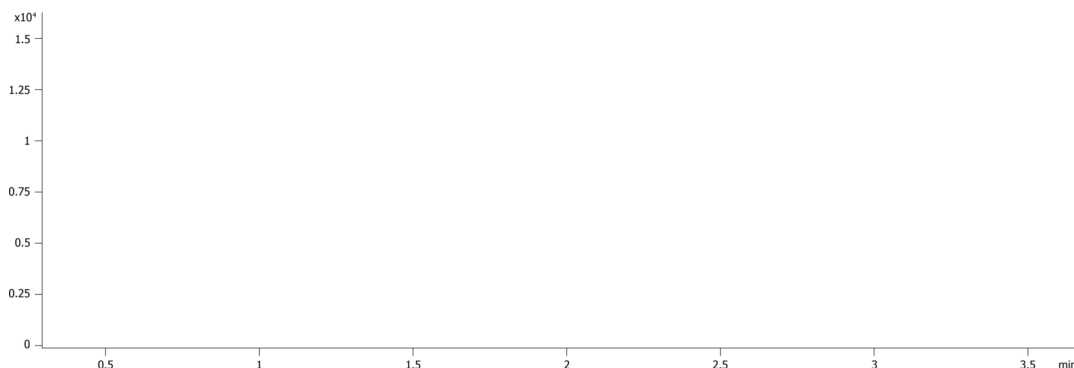
Col. Temp.: 40 °C

Detection: Electrospray Mass Spec (ESMS) @ 0.0000000000 (ambient)

23838



Products used in this application:



Rapid Analysis of 23 PFASs by UHPLC-MS/MS using Luna[®] Omega 1.6 μ m PS C18

ANALYTES:

- 1** 6:2 FTS
- 2** 8:2 FTS
- 3** EtFOSA
- 4** EtFOSE
- 5** FOSA
- 6** MeFOSA
- 7** MeFOSE
- 8** PFBA
- 9** PFBS
- 10** PFDA
- 11** PFDoA
- 12** PFDS
- 13** PFHpA
- 14** PFHpS
- 15** PFHxA
- 16** PFHxS
- 17** PFNA
- 18** PFOA
- 19** PFOS
- 20** PFPeA
- 21** PFTeDA
- 22** PFTrDA
- 23** PFUdA

