

Perfluoroalkylated substances (PFASs) in Foods by LC/MS/MS

Column: Luna® 3 µm PFP(2) 100 Å, LC Column 150 x 2 mm, Ea

Dimensions: 150 x 2 mm ID

Order No: 00F-4447-B0

Elution Type: Gradient

Eluent A: Water + 10 mM Ammonium Acetate

Eluent B: Methanol + 10 mM Ammonium Acetate

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	70	30
	2	29	10	90
	3	30	0	100
	4	34	0	100
	5	37	70	30

Flow Rate: 0.2 mL/min

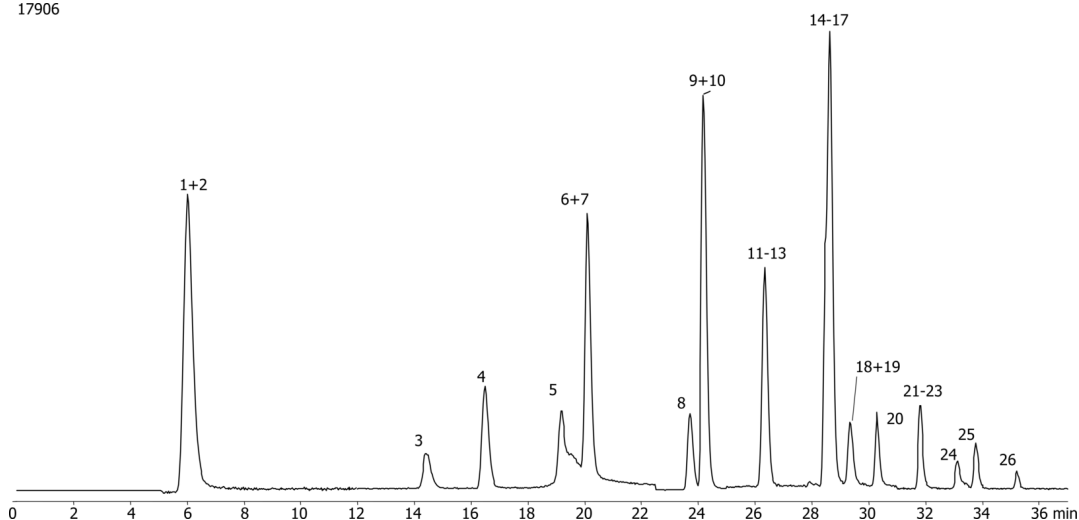
Col. Temp.: 40 °C

Detection: Refractive Index @ 0.0000000000 (40 °C)

Analyst Note: The application was kindly provided by Dipl. Ing. (BA) Sabine Gabriel from the DVGW Technologiezentrum Wasser (TZW) in Karlsruhe, Germany.
17906



Products used in this application:



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ANALYTES:

- 1** PFBA (Perfluorobutanoic acid)
- 2** MPFBA (Perfluoro-[1,2,3,4-13C4]butanoic acid)
- 3** PFPA (Perfluoropentanoic acid)
- 4** PFBS (Perfluorobutanesulfonic acid)
- 5** HPFHpA (7H-Dodecafluoroheptanoic acid)
- 6** PFHxA (Perfluorohexanoic acid)
- 7** MPFHxA (Perfluoro-[1,2-13C2]hexanoic acid)
- 8** PFHpA (Perfluoroheptanoic acid)
- 9** PFHxS (Perfluorohexanesulfonic acid)
- 10** MPFHxS (Perfluoro-[18O2]hexanesulfonic acid)
- 11** PFOA (Perfluorooctanoic acid)
- 12** MPFOA (Perfluoro-[1,2,3,4-13C4]octanoic acid)
- 13** H4PFOS (1H,1H,2H,2H-Perfluorooctanesulfonic acid)
- 14** PFOS (Perfluorooctanesulfonic acid)
- 15** MPFOS (Perfluoro-[1,2,3,4-13C4]octanesulfonic acid)
- 16** PFNA (Perfluorononanoic acid)
- 17** MPFNA (Perfluoro-[1,2,3,4,5-13C5]nonanoic acid)
- 18** H2PFDA (2H,2H-Perfluorodecanoic acid)
- 19** PF-3,7-DMOA (Perfluoro-3,7-dimethyloctanoic acid)
- 20** PFDA (Perfluorodecanoic acid)
- 21** PFUnA (Perfluoroundecanoic acid)
- 22** H4PFUnA (2H,2H,3H,3H-Perfluoroundecanoic acid)
- 23** PFDS (Perfluorodecanesulfonic acid)
- 24** PFDoA (Perfluorododecanoic acid)
- 25** PFOSA (Perfluorooctanesulfonamid)
- 26** PFTA (Perfluorotetradecanoic acid)

