Table S1. Target analytes and analytical standards, their abbreviation, quantification masses and cone voltages.

Compound	Abbreviation	Quantification mass (m/z) (Cone voltage (V))
3,5-Bis(trifluoromethyl)phenyl acetic acid[1]	BTPA	227 (35)
Mass labelled Perfluorooctanoate[2]	13 C-PFOA	372 (35)
Mass labelled Perfluorooctane sulfonate[2]	13C-PFOS	503 (50)
Perfluorooctanesulfonic acid	PFOSA	498 (35)
Perfluorohexane sulfonate	PFHxS	399 (50)
Perfluoroheptane sulfonate	PFHpS	449 (50)
Perfluorooctane sulfonate branched isomers	PFOS branched	499 (50)
Perfluorooctane sulfonate linear isomer	PFOS linear	499 (50)
Perfluoroheptanoate	PFHpA	319 (35)
Perfluorooctanoate	PFOA	369 (35)
Perfluorononanoate	PFNA	419 (35)

1.Used as recovery standard. 2. Used as internal standard. 3. Used as internal standard.

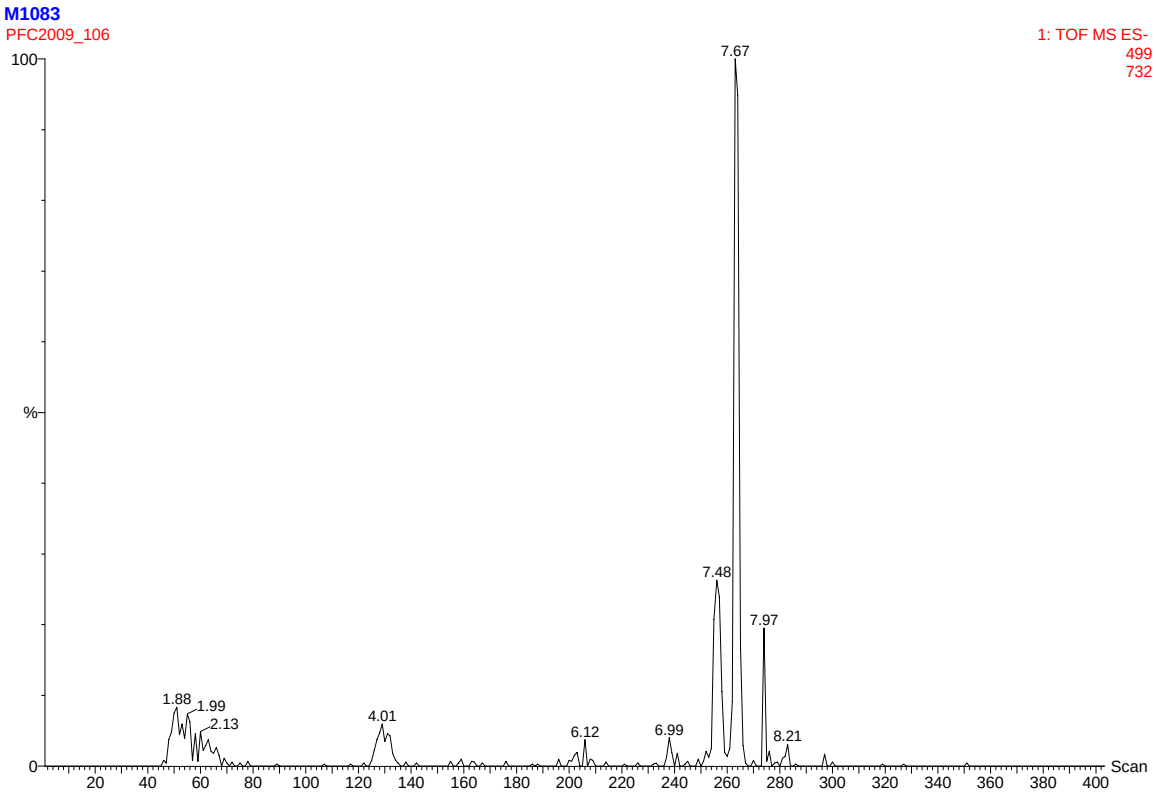

Fig S1. Chromatogram showing branched PFOS isomers at retention time 7.48 and the linear isomer at retention time 7.67.

Table S2. Correlation coefficients for the investigated PFCs.

	PFOS	PFOA	PFHxS	PFHpS	PFNA	PFOSA
PFOS	-	0.56***	0.59***	0.93***	0.70***	0.45***
PFOA	0.56***	-	0.53***	0.56***	0.37**	0.18
PFHxS	0.59***	0.53***	-	0.56***	0.46***	0.23
PFHpS	0.93***	0.56***	0.56***	-	0.65***	0.41**
PFNA	0.70***	0.37**	0.46***	0.65***	-	0.72***
PFOSA	0.45***	0.18	0.23	0.41**	0.72***	-

*** p <0.001.
** p <0.01.
* p <0.05.
PFOS, perfluorooctane sulfonate; PFOA, perfluorooctanoate; PFHxS, perfluorohexane sulfonate;PFHpS perfluoroheptane sulfonate; PFNA perfluorononanoate; PFOSA, perfluorooctane sulfonic acid.

Table S3. Intake frequencies of fatty fish and fruit and vegetables and corresponding median PFOS and PFHpS concentration (ng/ml) in the study group.

Servings (150 g) of fatty fish /week	Intake frequency*	Median PFOS (ng/ml) (range)	Median PFHpS (ng/ml) (range)
0	15	28 (12–52)	0.52 (0.10–1.2)
<1	33[a]	29 (6.9–99)	0.44 (0.12–1.9)
1–2	6	25 (16–33)	0.41(0.27–0.89)
2–3	1	67	1.3
3–4	0	–	–
4–5	0	–	–
5–6	1[a]	93	1.8
Servings (150 g) of fruit and vegetables/day	**Intake frequency***	**Median PFOS (ng/ml) (range)**	**Median PFHpS (ng/ml) (range)**
0	0	–	–
<1	3	37 (37–99)	0.62 (0.58–1.9)
1–2	11	24 (14–52)	0.43 (0.17–1.2)
2–3	21[a]	29 (6.9–93)	0.52 (0.12–1.8)
3–4	13	30 (16–52)	0.45 (0.25–0.92)
4–5	4	28 (12–31)	0.47 (0.10–0.89)
5–6	2	34 (19–50)	0.39 (0.23–0.50)
6–7	2	14 (12–15)	0.26 (0.26–0.27)

* Two outliers were excluded from the statistical analysis. [a] indicates which groups the outliers belonged to.