

Supplemental Information

2.2 Sources of Evidence

Table S1: List of Target PFAS

Name	Abbreviation	Chemical Abstracts Service (CAS) Registry Number
Perfluorooctanoic acid	PFOA	335-67-1
Perfluorooctanesulfonate	PFOS	45298-90-6
Perfluorobutanoic acid	PFBA	375-22-4
Perfluorobutane sulfonate	PFBS	375-73-5
Perfluorodecanoic acid	PFDA	335-76-2
Perfluorononanoic acid	PFNA	375-95-1
Perfluorohexanoic acid	PFHxA	307-24-4
Perfluorohexanesulfonate	PFHxS	108427-53-8
Perfluorodecanesulfonic acid	PFDS	335-77-3
Perfluorododecanoic acid	PFDoA	307-55-1
Perfluorononanesulfonic acid	PFNS	68259-12-1
Perfluoroheptanoic acid	PFHpA	375-85-9
Perfluoroheptanesulfonic acid	PFHpS	375-92-8
Perfluoroundecanoic acid	PFUdA	2058-94-8
Perfluoropentanoic acid	PFPeA	2706-90-3
Perfluoropentanesulfonic acid	PFPeS	2706-91-4

From Holder et al. (2023):

Methods for Literature Search

Table S2 contains links to the HERO web pages, and when Holder et al. (2023) accessed them to download the search results, along with the search strategies used. The HERO web pages contain results of previously conducted literature searches.

Table S3 contains the filters Holder et al. (2023) used in SWIFT-Review for different exposure media.

Table S2: Strategies for Previously Conducted Literature Searches, With Links to Health & Environmental Research Online (HERO) Web Pages

Database	Search String
PFOA and PFOS	
HERO page (accessed 13 July 2020): https://hero.epa.gov/hero/index.cfm/project/page/project_id/2608	
Web of Science	(TS="perfluorooctanoic acid" OR TS="perfluorooctane sulfonic acid" OR TS="2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-Octanoic acid" OR TS="2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoic acid" OR TS="3,3,4,4,5,5,6,6,6-nonafluoro-2-oxo-Hexanoyl fluoride" OR TS="3,3,4,4,5,5,6,6,6-nonafluoro-2-oxohexanoyl fluoride" OR TS="Hexanoyl fluoride, 3,3,4,4,5,5,6,6,6-nonafluoro-2-oxo-" OR TS="Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-" OR TS="Pentadecafluoro-1-octanoic acid" OR TS="Pentadecafluoro-n-octanoic acid" OR TS="Pentadecafluorooctanoic acid" OR TS="Perfluorocaprylic acid" OR TS="Perfluorooctanoic acid" OR TS="Perfluoroheptanecarboxylic acid" OR TS="Perfluorooctanoate" OR TS="Octanoic acid, pentadecafluoro-" OR TS="Perfluorooctanoate" OR TS="A 5717" OR TS="EF 201" OR TS="Eftop EF 201" OR TS="Perfluoro-1-heptanecarboxylic acid" OR TS="1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Heptadecafluoro-1-octanesulfonic acid" OR TS="1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-" OR TS="1-Perfluorooctanesulfonic acid" OR TS="EF 101" OR TS="Eftop EF 101" OR TS="Heptadecafluoro-1-octanesulfonic acid" OR TS="Heptadecafluorooctane-1-sulphonic acid" OR TS="Perfluorooctane sulfonate" OR TS="Perfluorooctane sulfonic acid" OR TS="Perfluorooctanesulfonic acid" OR TS="Perfluorooctylsulfonic acid" OR TS="1-Octanesulfonic acid, heptadecafluoro-" OR TS="Heptadecafluorooctanesulfonic acid" OR TS="Perfluoro-n-octanesulfonic acid" OR TS="Perfluorooctane Sulphonic Acid" OR TS="Perfluorooctanesulfonate" OR TS="Perfluorooctylsulfonate" OR ((TS="PFOA" OR TS="PFOS") AND (TS="fluorocarbon*" OR TS="fluorotelomer*" OR TS="polyfluoro*" OR TS="perfluoro-*" OR TS="perfluoroa*" OR TS="perfluorob*" OR TS="perfluoroc*" OR TS="perfluorod*" OR TS="perfluoroe*" OR TS="perfluoroh*" OR TS="perfluoron*" OR TS="perfluoroo*" OR TS="perfluorop*" OR TS="perfluoros*" OR TS="perfluorou*" OR TS="perfluorinated" OR TS="fluorinated" OR TS="PFAS"))))
PubMed	(335-67-1[rn] OR 1763-23-1[rn] OR 45298-90-6[rn] OR "perfluorooctanoic acid"[nm] OR "perfluorooctane sulfonic acid"[nm]) OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-Octanoic acid"[tw] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoic acid"[tw] OR "3,3,4,4,5,5,6,6,6-nonafluoro-2-oxo-Hexanoyl fluoride"[tw] OR "3,3,4,4,5,5,6,6,6-nonafluoro-2-oxohexanoyl fluoride"[tw] OR "Hexanoyl fluoride, 3,3,4,4,5,5,6,6,6-nonafluoro-2-oxo-"[tw] OR "Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-"[tw] OR "Pentadecafluoro-1-octanoic acid"[tw] OR "Pentadecafluoro-n-octanoic acid"[tw] OR "Pentadecafluorooctanoic acid"[tw] OR "Perfluorocaprylic acid"[tw] OR "Perfluorooctanoic acid"[tw] OR "Octanoic acid, pentadecafluoro-"[tw] OR "Perfluorooctanoate"[tw] OR "A 5717"[tw] OR "EF 201"[tw] OR "Eftop EF 201"[tw] OR "Perfluoro-1-heptanecarboxylic acid"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Heptadecafluoro-1-octanesulfonic acid"[tw] OR "1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-"[tw] OR "1-Perfluorooctanesulfonic acid"[tw] OR "EF 101"[tw] OR "Eftop EF 101"[tw] OR "Heptadecafluoro-1-octanesulfonic acid"[tw] OR "Heptadecafluorooctane-1-sulphonic acid"[tw] OR "Perfluorooctane sulfonate"[tw] OR "Perfluorooctane sulfonic acid"[tw] OR "Perfluorooctanesulfonic acid"[tw] OR "Perfluorooctylsulfonic acid"[tw] OR "1-Octanesulfonic acid, heptadecafluoro-"[tw] OR "Heptadecafluorooctanesulfonic acid"[tw] OR "Perfluoro-n-octanesulfonic acid"[tw] OR "Perfluorooctane Sulphonic Acid"[tw] OR "Perfluorooctanesulfonate"[tw] OR "Perfluorooctylsulfonate"[tw] OR ((("PFOA"[tw] OR "PFOS"[tw]) AND (fluorocarbon*[tw] OR fluorotelomer*[tw] OR polyfluoro*[tw] OR perfluoro-*[tw] OR perfluoroa*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroe*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluoros*[tw] OR perfluorou*[tw] OR perfluorinated[tw] OR fluorinated[tw] OR PFAS[tw])))

Database	Search String
ToxNet	@SYN0+@AND+@OR+("perfluorooctanoic+acid"+"perfluorooctane+sulfonic+acid"+"3,3,4,4,5,5,6,6-nonafluoro-2-oxo-Hexanoyl+fluoride"+"3,3,4,4,5,5,6,6-nonafluoro-2-oxohexanoyl+fluoride"+"Hexanoyl+fluoride+3,3,4,4,5,5,6,6-nonafluoro-2-oxo-"+"Octanoic+acid+2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-"+"Pentadecafluoro-1-octanoic+acid"+"Pentadecafluoro-n-octanoic+acid"+"Pentadecafluorooctanoic+acid"+"Perfluorocaprylic+acid"+"Perfluorooctanoic+acid"+"Perfluoroheptanecarboxylic+acid"+"Perfluorooctanoic+acid"+"Octanoic+acid+pentadecafluoro-"+"Perfluorooctanoate+"A+5717"+"EF+201"+"Eftop+EF+201"+"Perfluoro-1-heptanecarboxylic+acid")+@RANGE+yr+2000+2019+@NOT+@org+nih+pubmed+pubdart @SYN0+@AND+@OR+("1-Octanesulfonic+acid+1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-"+"1-Perfluorooctanesulfonic+acid"+"EF+101"+"Eftop+EF+101"+"Heptadecafluoro-1-octanesulfonic+acid"+"Heptadecafluorooctane-1-sulphonic+acid"+"Perfluorooctane+sulfonate"+"Perfluorooctane+sulfonic+acid"+"Perfluorooctanesulfonic+acid"+"Perfluorooctylsulfonic+acid"+"1-Octanesulfonic+acid+heptadecafluoro-"+"Heptadecafluorooctanesulfonic+acid"+"Perfluoro-n-octanesulfonic+acid"+"Perfluorooctane+Sulphonic+Acid"+"Perfluorooctanesulfonate+Perfluorooctylsulfonate+@TERM+@rn+335-67-1+@TERM+@rn+1763-23-1+@TERM+@rn+45298-90-6)+@RANGE+yr+2000+2019+@NOT+@org+nih+pubmed+pubdart @SYN0+@AND+@OR+(PFOA+PFOS+(fluorocarbon*+fluorotelomer*+polyfluoro*+perfluoroa*+perfluorob*+perfluoroc*+perfluorod*+perfluoroe*))+@RANGE+yr+2000+2019+@NOT+@org+nih+pubmed+pubdart @SYN0+@AND+@OR+(PFOA+PFOS+(perfluoroh*+perfluoron*+perfluoroo*+perfluorop*+perfluoros*+perfluorou*+perfluorinated+fluorinated+PFAS))+@RANGE+yr+2000+2019+@NOT+@org+nih+pubmed+pubdart
PFBA	
HERO page (accessed 28 May 2020):	
	https://hero.epa.gov/hero/index.cfm/project/page/project_id/2632
Web of Science	TS="Heptafluoro-1-butanoic acid" OR TS="Heptafluorobutanoic acid" OR TS="Heptafluorobutyric acid" OR TS="Kyselina heptafluormaselná" OR TS="Perfluorobutanoic acid" OR TS="Perfluorobutyric acid" OR TS="Perfluoropropanecarboxylic acid" OR TS="2,2,3,3,4,4,4-heptafluoro-Butanoic acid" OR TS="Butanoic acid, 2,2,3,3,4,4,4-heptafluoro-" OR TS="Butanoic acid, heptafluoro-" OR TS="Perfluoro-n-butanoic acid" OR TS="Perfluorobutanoate" OR TS="2,2,3,3,4,4,4-Heptafluorobutanoic acid" OR TS="Butyric acid, heptafluoro-" OR TS="Fluorad FC 23" OR TS="H 0024" OR TS="NSC 820" OR (TS=(PFBA OR "FC 23" OR HFBA) AND TS=(fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro-* OR perfluoroa* OR perfluorob* OR perfluoroc* OR perfluorod* OR perfluoroe* OR perfluoroh* OR perfluoron* OR perfluoroo* OR perfluorop* OR perfluoros* OR perfluorou* OR perfluorinated OR fluorinated OR PFAS OR PFOS OR PFOA))
PubMed	375-22-4[rn] OR "Heptafluoro-1-butanoic acid"[tw] OR "Heptafluorobutanoic acid"[tw] OR "Heptafluorobutyric acid"[tw] OR "Kyselina heptafluormaselná"[tw] OR "Perfluorobutanoic acid"[tw] OR "Perfluorobutyric acid"[tw] OR "Perfluoropropanecarboxylic acid"[tw] OR "2,2,3,3,4,4,4-heptafluoro-Butanoic acid"[tw] OR "Butanoic acid, 2,2,3,3,4,4,4-heptafluoro-"[tw] OR "Butanoic acid, heptafluoro-"[tw] OR "Perfluoro-n-butanoic acid"[tw] OR "Perfluorobutanoate"[tw] OR "2,2,3,3,4,4,4-Heptafluorobutanoic acid"[tw] OR "Butyric acid, heptafluoro-"[tw] OR "Fluorad FC 23"[tw] OR "H 0024"[tw] OR "NSC 820"[tw] OR ((PFBA[tw] OR "FC 23"[tw] OR HFBA[tw]) AND (fluorocarbon*[tw] OR fluorotelomer*[tw] OR polyfluoro*[tw] OR perfluoro-*[tw] OR perfluoroa*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroe*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluoros*[tw] OR perfluorou*[tw] OR perfluorinated[tw] OR fluorinated[tw] OR PFAS[tw] OR PFOS[tw] OR PFOA[tw]))
ToxLine/ToxNet	(375-22-4 [rn] OR "heptafluoro-1-butanoic acid" OR "heptafluorobutanoic acid" OR "heptafluorobutyric acid" OR "kyselina heptafluormaselná" OR "perfluorobutanoic acid" OR "perfluorobutyric acid" OR "perfluoropropanecarboxylic acid" OR "2,2,3,3,4,4,4-heptafluoro-butanoic acid" OR "butanoic acid 2 2 3 3 4 4 4-heptafluoro-" OR "butanoic acid heptafluoro-" OR "perfluoro-n-butanoic acid" OR "perfluorobutanoate" OR "2,2,3,3,4,4,4-heptafluorobutanoic acid" OR "butyric acid heptafluoro-" OR "fluorad fc 23" OR "h 0024" OR "nsc 820" OR ((pfba OR "fc 23" OR hfba) AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro* OR perfluorinated OR fluorinated OR pfas OR pfos OR pfoa))) AND (ANEUP [org] OR BIOSIS [org] OR CIS [org] OR DART [org] OR EMIC [org] OR EPIDEM [org] OR HEEP [org] OR HMTC [org] OR IPA [org] OR RISKLINE [org] OR MTGABS [org] OR NIOSH [org] OR NTIS [org] OR PESTAB [org] OR PPBiB [org]) AND NOT PubMed [org] AND NOT pubdart [org]

Database	Search String
PFBS HERO page (accessed 1 June 2020): https://hero.epa.gov/hero/index.cfm/project/page/project_id/2610	
Web of Science	TS="1,1,2,2,3,3,4,4,4-Nonafluoro-1-butanefluorobutanesulfonic acid" OR TS="1-Perfluorobutanefluorobutanesulfonic acid" OR TS="Nonafluoro-1-butanefluorobutanesulfonic acid" OR TS="Nonafluorobutanefluorobutanesulfonic acid" OR TS="Perfluorobutanefluorobutanesulfonic acid" OR TS="1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulphonic acid" OR TS="Perfluorobutane sulfonic acid" OR TS="Perfluorobutanefluorobutanesulfonate" OR TS="Perfluorobutane sulfonate" OR TS="1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-" OR TS="1-Butanesulfonic acid, nonafluoro-" OR TS="Perfluoro-1-butanefluorobutanesulfonate" OR TS="Perfluorobutylsulfonate" OR TS="Eftop FBSA" OR (TS=PFBS AND TS=(fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro-* OR perfluoroo* OR perfluorob* OR perfluoroc* OR perfluorod* OR perfluoroe* OR perfluoroh* OR perfluoron* OR perfluoroo* OR perfluorop* OR perfluorou* OR perfluorinated OR fluorinated OR PFAS OR PFOS OR PFOA))
PubMed	375-73-5[rn] OR 45187-15-3[rn] "nonafluorobutane-1-sulfonic acid"[nm] OR "1,1,2,2,3,3,4,4,4-Nonafluoro-1-butanefluorobutanesulfonic acid"[tw] OR "1-Perfluorobutanefluorobutanesulfonic acid"[tw] OR "Nonafluoro-1-butanefluorobutanesulfonic acid"[tw] OR "Nonafluorobutanefluorobutanesulfonic acid"[tw] OR "1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulphonic acid"[tw] OR "Perfluorobutane sulfonic acid"[tw] OR "Perfluorobutanefluorobutanesulfonate"[tw] OR "1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-"[tw] OR "1-Butanesulfonic acid, nonafluoro-"[tw] OR "Perfluoro-1-butanefluorobutanesulfonate"[tw] OR "Perfluorobutylsulfonate"[tw] OR "Eftop FBSA"[tw] OR (PFBS[tw] AND (fluorocarbon*[tw] OR fluorotelomer*[tw] OR polyfluoro*[tw] OR perfluoro-*[tw] OR perfluoroo*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroe*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluorou*[tw] OR perfluorinated[tw] OR fluorinated[tw] OR PFAS[tw] OR PFOS[tw] OR PFOA[tw]))
ToxLine	((375-73-5 [rn] OR 45187-15-3 [rn] OR "1 1 2 2 3 3 4 4 4-nonafluoro-1-butanefluorobutanesulfonic acid" OR "1-perfluorobutanefluorobutanesulfonic acid" OR "nonafluoro-1-butanefluorobutanesulfonic acid" OR "nonafluorobutanefluorobutanesulfonic acid" OR "perfluorobutanefluorobutanesulfonic acid" OR "1 1 2 2 3 3 4 4 4-nonafluorobutane-1-sulphonic acid" OR "perfluorobutane sulfonic acid" OR "perfluorobutanefluorobutanesulfonate" OR "perfluorobutane sulfonate" OR "1-butanefluorobutanesulfonic acid 1 1 2 2 3 3 4 4 4-nonafluoro-" OR "1-butanefluorobutanesulfonic acid nonafluoro-" OR "perfluoro-1-butanefluorobutanesulfonate" OR "perfluorobutylsulfonate" OR "eftop fbsa" OR (pfbs AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro* OR perfluorinated OR fluorinated OR pfas OR pfos OR pfoa))) AND (ANEUPL [org] OR BIOSIS [org] OR CIS [org] OR DART [org] OR EMIC [org] OR EPIDEM [org] OR HEEP [org] OR HMTc [org] OR IPA [org] OR RISKLINE [org] OR MTGABS [org] OR NIOSH [org] OR NTIS [org] OR PESTAB [org] OR PPBIB [org]) AND NOT PubMed [org] AND NOT pubdart [org]
PFDA HERO page (accessed 1 June 2020): https://hero.epa.gov/hero/index.cfm/project/page/project_id/2614	
Web of Science	TS="PFDeA" OR TS="PFDCa" OR TS="Ndfda" OR TS="Nonadecafluoro-n-decanoic acid" OR TS="Nonadecafluorodecanoic acid" OR TS="Perfluoro-n-decanoic acid" OR TS="Perfluorodecanoic acid" OR TS="2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-Decanoic acid" OR TS="Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-" OR TS="Decanoic acid, nonadecafluoro-" OR TS="Perfluorodecanoate" OR (TS=PFDA AND TS=(fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro-* OR perfluoroo* OR perfluorob* OR perfluoroc* OR perfluorod* OR perfluoroe* OR perfluoroh* OR perfluoron* OR perfluoroo* OR perfluorop* OR perfluorou* OR perfluorinated OR fluorinated)) OR (TS=PFDA AND TS=(fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro-* OR perfluoroo* OR perfluorob* OR perfluoroc* OR perfluorod* OR perfluoroe* OR perfluoroh* OR perfluoron* OR perfluoroo* OR perfluorop* OR perfluorou* OR perfluorinated OR fluorinated OR PFAS OR PFOS OR PFOA
PubMed	335-76-2[rn] OR "Ndfda"[tw] OR "Nonadecafluoro-n-decanoic acid"[tw] OR "Nonadecafluorodecanoic acid"[tw] OR "Perfluoro-n-decanoic acid"[tw] OR "Perfluorodecanoic acid"[tw] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-Decanoic acid"[tw] OR "Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-"[tw] OR "Decanoic acid, nonadecafluoro-"[tw] OR "Perfluorodecanoate"[tw] OR "PFDeA"[tw] OR "PFDCa"[tw] OR ("PFDA"[tw] AND (fluorocarbon*[tw] OR fluorotelomer*[tw] OR polyfluoro*[tw] OR perfluoro-*[tw] OR perfluoroo*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroe*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluorou*[tw] OR perfluorinated[tw] OR fluorinated[tw] OR PFAS[tw] OR PFOS[tw] OR PFOA[tw]))
ToxLine	(335-76-2 [rn] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluorodecanoic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-decanoic acid" OR "decanoic acid 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-" OR "decanoic acid nonadecafluoro-" OR "nonadecafluoro-n-decanoic acid" OR "nonadecafluorodecanoic acid" OR "perfluoro-1-nonanecarboxylic acid" OR "perfluoro-n-decanoic acid" OR "perfluorocapric acid" OR "perfluorodecanoate" OR "perfluorodecanoic acid" OR "ndfda" OR "PFDeA" OR "PFDCa" OR (pfda AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro* OR perfluorinated OR fluorinated OR pfas OR pfos OR pfoa))) AND (ANEUPL [org] OR BIOSIS [org] OR CIS [org] OR DART [org] OR EMIC [org] OR EPIDEM [org] OR HEEP [org] OR HMTc [org] OR IPA [org] OR RISKLINE [org] OR MTGABS [org] OR NIOSH [org] OR NTIS [org] OR PESTAB [org] OR PPBIB [org]) AND NOT PubMed [org] AND NOT pubdart [org]

Database Search String	
PFHxA	
HERO page (accessed 27 May 2020): https://hero.epa.gov/hero/index.cfm/project/page/project_id/2628	
Web of Science	((TS="2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid" OR TS="2,2,3,3,4,4,5,5,6,6,6-undecafluoro-hexanoic acid" OR TS="hexanoic acid, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro-" OR TS="hexanoic acid, undecafluoro-" OR TS="perfluorohexanoic acid" OR TS="perfluoro-1-pentanecarboxylic acid" OR TS="perfluorocaproic acid" OR TS="perfluorohexanoate" OR TS="perfluorohexanoic acid" OR TS="undecafluoro-1-hexanoic acid" OR TS="undecafluorocaproic acid" OR TS="undecafluorohexanoic acid" OR TS="PFHxA"))
PubMed	((307-24-4[rn] OR "2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid"[tw] OR "2,2,3,3,4,4,5,5,6,6,6-undecafluoro-hexanoic acid"[tw] OR "hexanoic acid, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro-"[tw] OR "hexanoic acid, undecafluoro-"[tw] OR "perfluorohexanoic acid"[tw] OR "perfluoro-1-pentanecarboxylic acid"[tw] OR "perfluorocaproic acid"[tw] OR "perfluorohexanoate"[tw] OR "perfluorohexanoic acid"[tw] OR "undecafluoro-1-hexanoic acid"[tw] OR "undecafluorocaproic acid"[tw] OR "undecafluorohexanoic acid"[tw] OR "PFHxA"[tw]))
ToxLine/ ToxNet	@AND+@OR+("2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic+acid"+"2,2,3,3,4,4,5,5,6,6,6-undecafluoro-hexanoic+acid"+"hexanoic+acid+2,2,3,3,4,4,5,5,6,6,6-undecafluoro-"+"hexanoic+acid+undecafluoro-"+"perfluorohexanoic+acid"+"perfluoro-1-pentanecarboxylic+acid"+"perfluorocaproic+acid"+"perfluorohexanoate"+"perfluorohexanoic acid"+"undecafluoro-1-hexanoic+acid"+"undecafluorocaproic+acid"+"undecafluorohexanoic+acid"+"pfxa"+@TERM+@rn+(307+24+4)+@NOT+@org+"nih+reporter"
PFHxS	
HERO page (accessed 1 June 2020): https://hero.epa.gov/hero/index.cfm/project/page/project_id/2630	
Web of Science	TS="1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulfonic acid" OR TS="1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-Hexanesulfonic acid" OR TS="1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-" OR TS="1-Hexanesulfonic acid, tridecafluoro-" OR TS="1-Perfluorohexanesulfonic acid" OR TS="Perfluoro-1-hexanesulfonate" OR TS="Perfluorohexane sulfonic acid" OR TS="Perfluorohexane-1-sulphonic acid" OR TS="Perfluorohexanesulfonate" OR TS="Perfluorohexanesulfonic acid" OR TS="Perfluorohexylsulfonate" OR TS="Tridecafluorohexanesulfonic acid" OR TS="tridecafluoro-1-Hexanesulfonic acid" OR TS="PFHxS"
PubMed	108427-53-8[rn] OR 355-46-4[rn] OR "1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulfonic acid"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-Hexanesulfonic acid"[tw] OR "1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-"[tw] OR "1-Hexanesulfonic acid, tridecafluoro-"[tw] OR "1-Perfluorohexanesulfonic acid"[tw] OR "Perfluoro-1-hexanesulfonate"[tw] OR "Perfluorohexane sulfonic acid"[tw] OR "Perfluorohexane-1-sulphonic acid"[tw] OR "Perfluorohexanesulfonate"[tw] OR "Perfluorohexanesulfonic acid"[tw] OR "Perfluorohexylsulfonate"[tw] OR "Tridecafluorohexanesulfonic acid"[tw] OR "tridecafluoro-1-Hexanesulfonic acid"[tw] OR "PFHxS"[tw]
ToxLine/ ToxNet	(108427-53-8[rn] OR 355-46-4[rn] OR "1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulfonic acid" OR "1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-Hexanesulfonic acid" OR "1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-" OR "1-Hexanesulfonic acid, tridecafluoro-" OR "1-Perfluorohexanesulfonic acid" OR "Perfluoro-1-hexanesulfonate" OR "Perfluorohexane sulfonic acid" OR "Perfluorohexane-1-sulphonic acid" OR "Perfluorohexanesulfonate" OR "Perfluorohexanesulfonic acid" OR "Perfluorohexylsulfonate" OR "Tridecafluorohexanesulfonic acid" OR "tridecafluoro-1-Hexanesulfonic acid" OR "PFHxS") AND (ANEUPL [org] OR BIOSIS [org] OR CIS [org] OR DART [org] OR EMIC [org] OR EPIDEM [org] OR HEEP [org] OR HMTc [org] OR IPA [org] OR RISKLINE [org] OR MTGABS [org] OR NIOSH [org] OR NTIS [org] OR PESTAB [org] OR PPBIB [org]) [not] PubMed [org] [not] pubdart [org]
PFNA	
HERO page (accessed 1 June 2020): https://hero.epa.gov/hero/index.cfm/project/page/project_id/2633	
Web of Science	((TS=PFNA OR TS="C 1800") AND TS=(fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro-* OR perfluoroo* OR perfluorob* OR perfluoroc* OR perfluorod* OR perfluoroe* OR perfluoroh* OR perfluoron* OR perfluoroo* OR perfluorop* OR perfluoros* OR perfluorou* OR perfluorinated OR fluorinated OR PFAS OR PFOS OR PFOA)) OR TS="2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid" OR TS="Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-" OR TS="Nonanoic acid, heptadecafluoro-" OR TS="Perfluoro-n-nonanoic acid" OR TS="Perfluorononan-1-oic acid" OR TS="Perfluorononanoate" OR TS="Perfluorononanoic acid" OR TS="Perfluorononanoic acid" OR TS="Perfluoropelargonic acid" OR TS="heptadecafluorononanoic acid"

Database	Search String
PubMed	"375-95-1"[rn] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid"[tw] OR "Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-"[tw] OR "Nonanoic acid, heptadecafluoro-"[tw] OR "Perfluoro-n-nonanoic acid"[tw] OR "Perfluorononan-1-oic acid"[tw] OR "Perfluorononanoate"[tw] OR "Perfluorononanoic acid"[tw] OR "Perfluorononanononic acid"[tw] OR "Perfluoropelargonic acid"[tw] OR "heptadecafluorononanoic acid"[tw] OR ("PFNA"[tw] OR "C 1800"[tw]) AND (fluorocarbon*[tw] OR fluorotelomer*[tw] OR polyfluoro*[tw] OR perfluoro-*[tw] OR perfluoroa*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroe*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluoros*[tw] OR perfluorou*[tw] OR perfluorinated[tw] OR fluorinated[tw] OR PFAS[tw] OR PFOS[tw] OR PFOA[tw]))
ToxLine/ ToxNet	((pfna OR "c 1800") AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro* OR perfluorinated OR fluorinated OR pfas OR pfos OR pfoa) OR "375-95-1" [rn] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid" OR "nonanoic acid 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-" OR "nonanoic acid heptadecafluoro-" OR "perfluoro-n-nonanoic acid" OR "perfluorononan-1-oic acid" OR "perfluorononanoate" OR "perfluorononanoic acid" OR "perfluorononanononic acid" OR "perfluoropelargonic acid" OR "heptadecafluorononanoic acid")) AND (ANEUP [org] OR BIOSIS [org] OR CIS [org] OR DART [org] OR EMIC [org] OR EPIDEM [org] OR HEEP [org] OR HMTC [org] OR IPA [org] OR RISKLINE [org] OR MTGABS [org] OR NIOSH [org] OR NTIS [org] OR PESTAB [org] OR PPBIB [org]) AND NOT PubMed [org] AND NOT pubdart [org]
PFDaA	
HERO page ^{a,b} (accessed 15 June 2021): https://heronet.epa.gov/heronet/index.cfm/project/page/project_id/3006	
Web of Science	TS="307-55-1" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Tricosafuorododecanoic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-tricosafuoro-Dodecanoic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Tricosafuorododecanoic acid" OR "Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-tricosafuoro-" OR "Dodecanoic acid, tricosafuoro-" OR "Perfluoro-n-Dodecanoic acid" OR "Perfluorododecanoate" OR "Perfluorododecanoic acid" OR "Perfluorolauric acid" OR "Tricosafuorododecanoic acid" OR ((PFDaA OR PFDaDA) AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro-* OR perfluoroa* OR perfluorob* OR perfluoroc* OR perfluorod* OR perfluoroe* OR perfluoroh* OR perfluoron* OR perfluoroo* OR perfluorop* OR perfluoros* OR perfluorou* OR perfluorinated OR fluorinated OR PFAS OR PFOS OR PFOA))
PubMed	307-55-1[rn] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Tricosafuorododecanoic acid"[tw] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-tricosafuoro-Dodecanoic acid"[tw] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Tricosafuorododecanoic acid"[tw] OR "Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-tricosafuoro-"[tw] OR "Dodecanoic acid, tricosafuoro-"[tw] OR "Perfluoro-n-Dodecanoic acid"[tw] OR "Perfluorododecanoate"[tw] OR "Perfluorododecanoic acid"[tw] OR "Perfluorolauric acid"[tw] OR "Tricosafuorododecanoic acid"[tw] OR ((PFDaA[tw] OR PFDaDA[tw]) AND (fluorocarbon*[tw] OR fluorotelomer*[tw] OR polyfluoro*[tw] OR perfluoro-*[tw] OR perfluoroa*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroe*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluoros*[tw] OR perfluorou*[tw] OR perfluorinated[tw] OR fluorinated[tw] OR PFAS[tw] OR PFOS[tw] OR PFOA[tw]))
ToxLine/ ToxNet	<i>Did not search</i>
PFUdA	
HERO page ^a (accessed 15 June 2021): https://hero.epa.gov/hero/index.cfm/project/page/project_id/2826	
Web of Science	(TS="2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heneicosafuoroundecanoic acid" OR TS="2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-Heneicosafuoroundecanoic acid" OR TS="acide heneicosafuoroundecanoique" OR TS="acido heneicosafuoroundecanoico" OR TS="EINECS 218-165-4" OR TS="Heneicosafuoroundecanoic acid" OR TS="Henicosafuoroundecansauere" OR TS="Perfluoro-n-undecanoic acid" OR TS="Perfluoroundecanoic acid" OR TS="Perfluoroundecanoic acidPFUdA" OR TS="Perfluoroundecylic acid" OR TS="PFUdA" OR TS="PFUnA" OR TS="PFUnDA" OR TS="Undecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-heneicosafuoro-" OR TS="Undecanoic acid, heneicosafuoro-") AND (TS="ADME" OR TS="neurolog*" OR TS="development*" OR TS="respirator*" OR TS="ocular" OR TS="sensory" OR TS="hematolog*" OR TS="nutrition*" OR TS="metabol*" OR TS="musculoskelet*" OR TS="cancer" OR TS="mortality" OR TS="gastrointest*" OR TS="skin" OR TS="connective tissue" OR TS="derm*" OR TS="endocrine" OR TS="cardiovascular" OR TS="reproduct*" OR TS="renal" OR TS="hepatic" OR TS="PBPK" OR TS="human health" OR TS="health" OR TS="human" OR TS="epidemiology" OR TS="child*" OR TS="teenager*" OR TS="adolescen*" OR TS="pregnan*" OR TS="adult*" OR TS="general population" OR TS="population" OR TS="acute" OR TS="intermittent" OR TS="subchronic" OR TS="chronic" OR TS="heart" OR TS="liver" OR TS="nerv*" OR TS="dermal" OR TS="lung" OR TS="blood" OR TS="serum" OR TS="birth" OR TS="pulmonary" OR TS="disease" OR TS="death")

Database	Search String
PubMed	("110961-38-1"[rn] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10- Heneicosafuoroundecanoic acid"[tw] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-Heneicosafuoroundecanoic acid"[tw] OR "2058-94-8"[rn] OR "acide heneicosafuoroundecanoique"[tw] OR "acido heneicosafuoroundecanoico"[tw] OR "EINECS 218-165-4"[tw] OR "Heneicosafuoroundecanoic acid"[tw] OR "Heneicosafuoroundecansauere"[tw] OR "Perfluoro-n-undecanoic acid"[tw] OR "Perfluoroundecanoic acid"[tw] OR "Perfluoroundecanoic acidPFUDa"[tw] OR "Perfluoroundecylic acid"[tw] OR "PFUDa"[tw] OR "PFUnA"[tw] OR "PFUnDA"[tw] OR "Undecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heneicosafuoro-"[tw] OR "Undecanoic acid, heneicosafuoro-"[tw])
ToxLine/ ToxNet	@AND+@OR+("2+2+3+3+4+4+5+5+6+6+7+7+8+8+9+9+10+10+10+Heneicosafuoroundecanoic+acid"+"2+2+3+3+4+4+5+5+6+6+7+7+8+8+9+9+10+10+11+11+11+Heneicosafuoroundecanoic+acid"+"acide+heneicosafuoroundecanoique"+"acido+heneicosafuoroundecanoico"+"EINECS+218+165+4"+"Heneicosafuoroundecanoic+acid"+"Heneicosafuoroundecansauere"+"Perfluoro+n+undecanoic+acid"+"Perfluoroundecanoic+acid"+"Perfluoroundecanoic+acidPFUDa"+"Perfluoroundecylic+acid"+PFUDa+PFUnA+PFUnDA+"Undecanoic+acid+heneicosafuoro"+@TERM+@rn+110961-38-1+@TERM+@rn+2058-94-8)+@NOT+@org+pubmed+pubdart+nih+reporter"
PFHpA HERO page ^a (accessed 15 June 2021): https://hero.epa.gov/hero/index.cfm/project/page/project_id/2826	
Web of Science	(TS="2,2,3,3,4,4,5,5,6,6,7,7,7-Tridecafluoroheptanoic acid" OR TS="Acide perfluoroheptanoique" OR TS="acido perfluoroheptanoico" OR TS="EC 206- 798-9" OR TS="EINECS 206-798-9" OR TS="Heptanoic acid, 2,2,3,3,4,4,5,5,6, 6,7,7,7-tridecafluoro-" OR TS="Heptanoic acid, tridecafluoro-" OR TS="Perfluorheptansauere" OR TS="Perfluoro-n-heptanoic acid" OR TS="Perfluoroenanthic acid" OR TS="Perfluoroheptanoic acid" OR TS="PFHpA" OR TS="Tridecafluoro-1-heptanoic acid" OR TS="Tridecafluoroheptanoic acid" OR TS="375-85-9") AND (TS="ADME" OR TS="neurolog*" OR TS="development*" OR TS="respirator*" OR TS="ocular" OR TS="sensory" OR TS="hematolog*" OR TS="nutrition*" OR TS="metabo*" OR TS="musculoskelet*" OR TS="cancer" OR TS="mortality" OR TS="gastrointest*" OR TS="skin" OR TS="connective tissue" OR TS="derm*" OR TS="endocrine" OR TS="cardiovascular" OR TS="reproduct*" OR TS="renal" OR TS="hepatic" OR TS="PBPk" OR TS="human health" OR TS="health" OR TS="human" OR TS="epidemiology" OR TS="child*" OR TS="teenager*" OR TS="adolescen*" OR TS="pregnan*" OR TS="adult*" OR TS="general population" OR TS="population" OR TS="acute" OR TS="intermittent" OR TS="subchronic" OR TS="chronic" OR TS="heart" OR TS="liver" OR TS="nerv*" OR TS="dermal" OR TS="lung" OR TS="blood" OR TS="serum" OR TS="birth" OR TS="pulmonary" OR TS="disease" OR TS="death")
PubMed	("2,2,3,3,4,4,5,5,6,6,7,7,7-Tridecafluoroheptanoic acid"[tw] OR "Acide perfluoroheptanoique"[tw] OR "acido perfluoroheptanoico"[tw] OR "EC 206-798-9"[tw] OR "EINECS 206-798-9"[tw] OR "Heptanoic acid, 2,2,3,3,4,4, 5,5,6,6,7,7,7-tridecafluoro-"[tw] OR "Heptanoic acid, tridecafluoro-"[tw] OR "Perfluorheptansauere"[tw] OR "Perfluoro-n-heptanoic acid"[tw] OR "Perfluoroenanthic acid"[tw] OR "Perfluoroheptanoic acid"[tw] OR "PFHpA"[tw] OR "Tridecafluoro-1-heptanoic acid"[tw] OR "Tridecafluoroheptanoic acid"[tw] OR 375-85-9[rn])
ToxLine/ ToxNet	@SYNO+@AND+@OR+("2,2,3,3,4,4,5,5,6,6,7,7,7-Tridecafluoroheptanoic+acid"+"Acide+perfluoroheptanoique"+"acido+perfluoroheptanoico"+"EC+206-798-9"+"EINECS+206-798-9"+"Heptanoic+acid,+2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoro- "+"Heptanoic+acid,+tridecafluoro- "+"Perfluorheptansauere"+"Perfluoro-nheptanoic+acid"+"Perfluoroenanthic+acid"+"Perfluoroheptanoic+acid"+PFHpA+"Tridecafluoro-1- heptanoic+acid"+"Tridecafluoroheptanoic+acid"+@TERM+@rn+375-85-9)+@NOT+@org+pubmed+pubdart+nih
PFPeA HERO page ^a (accessed 15 June 2021): https://hero.epa.gov/hero/index.cfm/project/page/project_id/2826	
Web of Science	((TS="Perfluoropentanoic acid" OR TS="Nonfluoropentanoic acid" OR TS="2706-90-3" OR TS="PFPeA" OR TS="Nonfluoro-1- pentanoic acid") AND (TS="ADME" OR TS="neurolog*" OR TS="development*" OR TS="respirator*" OR TS="ocular" OR TS="sensory" OR TS="hematolog*" OR TS="nutrition*" OR TS="metabo*" OR TS="musculoskelet*" OR TS="cancer" OR TS="mortality" OR TS="gastrointest*" OR TS="skin" OR TS="connective tissue" OR TS="derm*" OR TS="endocrine" OR TS="cardiovascular" OR TS="reproduct*" OR TS="renal" OR TS="hepatic" OR TS="PBPk" OR TS="human health" OR TS="health" OR TS="human" OR TS="epidemiology" OR TS="child*" OR TS="teenager*" OR TS="adolescen*" OR TS="pregnan*" OR TS="adult*" OR TS="general population" OR TS="population" OR TS="acute" OR TS="intermittent" OR TS="subchronic" OR TS="chronic" OR TS="heart" OR TS="liver" OR TS="nerv*" OR TS="dermal" OR TS="lung" OR TS="blood" OR TS="serum" OR TS="birth" OR TS="pulmonary" OR TS="disease" OR TS="death")) AND PY=1900-2019
PubMed	("Perfluoropentanoic acid"[tw] OR "Nonfluoropentanoic acid"[tw] OR "2706-90-3"[tw] OR "PFPeA"[tw] OR "Nonfluoro-1-pentanoic acid"[tw])
ToxLine/ ToxNet	@AND+@OR+("Perfluoropentanoic acid"+"Nonfluoropentanoic acid"+"PFPeA"+"Nonfluoro-1-pentanoic acid"+@TERM+@rn+2706-90- 3)+@RANGE+yr+1900+2019+@NOT+@org+pubmed+pubdart+nih

Database	Search String
PFDS	
HERO page ^{a,b} (accessed 15 June 2021): https://heronet.epa.gov/heronet/index.cfm/project/page/project_id/3006	
Web of Science	TS="335-77-3" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-1-Decanesulfonic acid" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Heneicosafuorodecane-1-sulfonic acid" OR "1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-" OR "1-Decanesulfonic acid, heneicosafuoro-" OR "Heneicosafuoro-1-decanesulfonic acid" OR "Heneicosafuorodecanesulphonic acid" OR "Perfluoro-1-decanesulfonate" OR "Perfluorodecane sulfonic acid" OR "Perfluorodecanesulfonate" OR "Perfluorodecanesulfonic acid" OR "Perfluorodecylsulfonate" OR ("PFDS" AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro-* OR perfluoroa* OR perfluorob* OR perfluoroc* OR perfluorod* OR perfluoroe* OR perfluoroh* OR perfluoron* OR perfluoroo* OR perfluorop* OR perfluoros* OR perfluorou* OR perfluorinated OR fluorinated OR PFAS OR PFOS OR PFOA)) OR ("1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-1-Decanesulfonic" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Heneicosafuorodecane-1-sulfonic" OR "Heneicosafuoro-1-decanesulfonic" OR "Heneicosafuorodecanesulphonic" OR "Perfluorodecane sulfonic" OR "Perfluorodecanesulfonic") AND (acid[tiab] OR acids[tiab]))
PubMed	335-77-3[rn] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-1-Decanesulfonic acid"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Heneicosafuorodecane-1-sulfonic acid"[tw] OR "1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-"[tw] OR "1-Decanesulfonic acid, heneicosafuoro-"[tw] OR "Heneicosafuoro-1-decanesulfonic acid"[tw] OR "Heneicosafuorodecanesulphonic acid"[tw] OR "Perfluoro-1-decanesulfonate"[tw] OR "Perfluorodecane sulfonic acid"[tw] OR "Perfluorodecanesulfonate"[tw] OR "Perfluorodecanesulfonic acid"[tw] OR "Perfluorodecylsulfonate"[tw] OR ("PFDS"[tw] AND (fluorocarbon*[tw] OR fluorotelomer*[tw] OR polyfluoro*[tw] OR perfluoro-*[tw] OR perfluoroa*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroe*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluoros*[tw] OR perfluorou*[tw] OR perfluorinated[tw] OR fluorinated[tw] OR PFAS[tw] OR PFOS[tw] OR PFOA[tw])) OR ("1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-1-Decanesulfonic"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Heneicosafuorodecane-1-sulfonic"[tw] OR "Heneicosafuoro-1-decanesulfonic"[tw] OR "Heneicosafuorodecanesulphonic"[tw] OR "Perfluorodecane sulfonic"[tw] OR "Perfluorodecanesulfonic"[tw]) AND (acid[tiab] OR acids[tiab]))
ToxLine/ ToxNet	<i>Did not search</i>
PFNS	
HERO page ^{a,b} (accessed 15 June 2021): https://heronet.epa.gov/heronet/index.cfm/project/page/project_id/3006	
Web of Science	(TS="68259-12-1" OR TS="Perfluorononanesulfonic acid" OR TS="1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-" OR TS="1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-Nonadecafluoro-1-nonanesulfonic acid" OR TS="PFNS" OR TS="Nonadecafluorononane-1-sulfonic acid" OR TS="1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-" OR TS="Nonadecafluoro-1-nonanesulfonic acid") AND (TS="ADME" OR TS="neurolog*" OR TS="development*" OR TS="respirator*" OR TS="ocular" OR TS="sensory" OR TS="hematolog*" OR TS="nutrition*" OR TS="metabol*" OR TS="musculoskelet*" OR TS="cancer" OR TS="mortality" OR TS="gastrointest*" OR TS="skin" OR TS="connective tissue" OR TS="derm*" OR TS="endocrine" OR TS="cardiovascular" OR TS="reproduct*" OR TS="renal" OR TS="hepatic" OR TS="PBPK" OR TS="human health" OR TS="health" OR TS="human" OR TS="epidemiology" OR TS="child*" OR TS="teenager*" OR TS="adolescen*" OR TS="pregnan*" OR TS="adult*" OR TS="general population" OR TS="population" OR TS="acute" OR TS="intermittent" OR TS="subchronic" OR TS="chronic" OR TS="heart" OR TS="liver" OR TS="nerv*" OR TS="dermal" OR TS="lung" OR TS="blood" OR TS="serum" OR TS="birth" OR TS="pulmonary" OR TS="disease" OR TS="death")
PubMed	68259-12-1[rn] OR "Perfluorononanesulfonic acid"[tw] OR "1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-Nonadecafluoro-1-nonanesulfonic acid"[tw] OR "PFNS"[tw] OR "Nonadecafluorononane-1-sulfonic acid"[tw] OR "1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-"[tw] OR "Nonadecafluoro-1-nonanesulfonic acid"[tw] OR
ToxLine/ ToxNet	<i>Did not search</i>

Database	Search String
PFHpS HERO page ^a (accessed 15 June 2021): https://hero.epa.gov/hero/index.cfm/project/page/project_id/2826	
Web of Science	(TS="1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-" OR TS="1-Heptanesulfonic acid, pentadecafluoro-" OR TS="1- Perfluoroheptanesulfonic acid" OR TS="1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- Pentadecafluoroheptan-1-sulfonsaure" OR TS="1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- Pentadecafluoro-1-heptanesulfonic acid" OR TS="1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-Pentadecafluoroheptane-1-sulfonic acid" OR TS="1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonic acid" OR TS="acide 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulfonique" OR TS="acido 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- pentadecafluoroheptano-1-sulfonico" OR TS="EINECS 206-800-8" OR TS="Pentadecafluoro-1-heptanesulfonic acid" OR TS="Pentadecafluoroheptane-1-sulfonic acid" OR TS="Perfluoroheptanesulfonic acid" OR TS="PFHpS" OR TS="375-92-8") AND (TS="ADME" OR TS="neurolog*" OR TS="development*" OR TS="respirator*" OR TS="ocular" OR TS="sensory" OR TS="hematolog*" OR TS="nutrition*" OR TS="metabol*" OR TS="musculoskelet*" OR TS="cancer" OR TS="mortality" OR TS="gastrointest*" OR TS="skin" OR TS="connective tissue" OR TS="derm*" OR TS="endocrine" OR TS="cardiovascular" OR TS="reproduct*" OR TS="renal" OR TS="hepatic" OR TS="PBPK" OR TS="human health" OR TS="health" OR TS="human" OR TS="epidemiology" OR TS="child*" OR TS="teenager*" OR TS="adolescenc*" OR TS="pregnan*" OR TS="adult*" OR TS="general population" OR TS="population" OR TS="acute" OR TS="intermittent" OR TS="subchronic" OR TS="chronic" OR TS="heart" OR TS="liver" OR TS="nerv*" OR TS="dermal" OR TS="lung" OR TS="blood" OR TS="serum" OR TS="birth" OR TS="pulmonary" OR TS="disease" OR TS="death")
PubMed	("1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-"[tw] OR "1-Heptanesulfonic acid, pentadecafluoro-"[tw] OR "1- Perfluoroheptanesulfonic acid"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- Pentadecafluoroheptan-1-sulfonsaure"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- Pentadecafluoro-1-heptanesulfonic acid"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-Pentadecafluoroheptane-1-sulfonic acid"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonic acid"[tw] OR "acide 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1- sulfonique"[tw] OR "acido 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- pentadecafluoroheptano-1-sulfonico"[tw] OR "EINECS 206-800-8"[tw] OR "Pentadecafluoro-1-heptanesulfonic acid"[tw] OR "Pentadecafluoroheptane-1-sulfonic acid"[tw] OR "Perfluoroheptanesulfonic acid"[tw] OR "PFHpS"[tw] OR 375-92-8[rn])
ToxLine/ ToxNet	@SYN0+@AND+@OR+("1- Heptanesulfonic+acid,+1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-"+"1-Heptanesulfonic+acid,+pentadecafluoro-"+"1- Perfluoroheptanesulfonic+acid"+"1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-Pentadecafluoroheptan-1-sulfonsaure"+"1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- Date: 8/30/19 Results: 0 Pentadecafluoro-1-heptanesulfonic+acid"+"1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- Pentadecafluoroheptane-1-sulfonic+acid"+"1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- pentadecafluoroheptane-1-sulphonic+acid"+"acide+1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- pentadecafluoroheptane-1-sulfonique"+"acido+1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- pentadecafluoroheptano-1-sulfonico"+"EINECS+206-800-8"+"Pentadecafluoro-1-heptanesulfonic+acid"+"Pentadecafluoroheptane-1-sulfonic+acid"+"Perfluoroheptanesulfonic+acid"+PFHpS+@TERM+@rn+375 -92-8)+@NOT+@org+pubmed+pubdart+nih
PFPeS HERO page ^{a,b} (accessed 15 June 2021): https://heronet.epa.gov/heronet/index.cfm/project/page/project_id/3006	
Web of Science	(TS="2706-91-4" or TS="Perfluoropentanesulfonic acid" or TS="Perfluoropentane-1-sulphonic acid" or TS="1-Pentanesulfonic acid, undecafluoro-" or TS="Undecafluoropentanesulfonic acid" or TS="Undecafluoro-1-pentanesulfonic acid" or TS="perfluoropentane-1-sulphonic acid" or TS="acide perfluoropentane-1-sulfonique" or TS="Perfluoropentan-1-sulfonsaure" or TS="acido perfluoropentano-1-sulfonico" or TS="1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulfonic acid" or TS="EINECS 220-301-2" or TS="EC 220-301-2" or TS="PFPeS" or TS="Undecafluoropentane-1-sulfonic acid" or TS="1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-" or TS="1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-" or TS="1,1,2,2,3,3,4,4,5,5,5-Undecafluoro-1-pentanesulfonic acid") AND (TS="ADME" OR TS="neurolog*" OR TS="development*" OR TS="respirator*" OR TS="ocular" OR TS="sensory" OR TS="hematolog*" OR TS="nutrition*" OR TS="metabol*" OR TS="musculoskelet*" OR TS="cancer" OR TS="mortality" OR TS="gastrointest*" OR TS="skin" OR TS="connective tissue" OR TS="derm*" OR TS="endocrine" OR TS="cardiovascular" OR TS="reproduct*" OR TS="renal" OR TS="hepatic" OR TS="PBPK" OR TS="human health" OR TS="health" OR TS="human" OR TS="epidemiology" OR TS="child*" OR TS="teenager*" OR TS="adolescenc*" OR TS="pregnan*" OR TS="adult*" OR TS="general population" OR TS="population" OR TS="acute" OR TS="intermittent" OR TS="subchronic" OR TS="chronic" OR TS="heart" OR TS="liver" OR TS="nerv*" OR TS="dermal" OR TS="lung" OR TS="blood" OR TS="serum" OR TS="birth" OR TS="pulmonary" OR TS="disease" OR TS="death")
PubMed	Did not search
ToxLine/ ToxNet	Did not search

^a This web page encompasses many PFAS. Filter to the PFAS of interest.

^b This web page currently requires an account to access.

Table S3: Filters used in SWIFT-Review

Broad Category	Tag Category	Search Terms
Environmental Media	Air	(tiab: ("air" OR "airborne" OR "airflow" OR "atmosphere" OR "atmospheric" OR "particulate*" OR "pm10" OR "pm(10)" OR "pm2.5" OR "pm(2.5)") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels" OR "mg/m3" OR ppm OR "ug/m3"))
	Indoor Air	(tiab: ("air" OR "airborne" OR "airflow" OR "particulate*" OR "pm10" OR "pm(10)" OR "pm2.5" OR "pm(2.5)") AND ("indoor" OR "ambient" OR "office" OR "house" OR "home") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels" OR "mg/m3" OR ppm OR "ug/m3"))
	Water	(tiab: ("bottled water*" OR "community water*" OR "direct water*" OR "doubly labeled water*" OR "doubly labelled water*" OR "estuarine water*" OR "filtered water*" OR "freshwater*" OR "fresh water*" OR "groundwater*" OR "ground water*" OR "indirect water*" OR "irrigation water*" OR "meltwater*" OR "melt water*" OR "natural water*" OR "overland flow*" OR "potable water*" OR "rainwater*" OR "rain water*" OR "reclaimed water*" OR "recreation* water*" OR "riverine water*" OR "riverwater*" OR "river water*" OR "springwater*" OR "spring water*" OR "stormwater*" OR "storm water*" OR "surface runoff*" OR "surface water*" OR "tapwater*" OR "tap water*" OR "total water*" OR "water supply" OR "water supplies" OR "waterwork*" OR "water work*" OR "wellwater*" OR "well water*" OR ("water" OR "waters") AND ("contaminant*" OR "contaminat*" OR "district*" OR "drinkable" OR "drinking" OR "media" OR "medias" OR "medium" OR "pollutant*" OR "pollution" OR "quality" OR "source*")) AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels" OR "mg/L" OR "ug/L"))
	Food	(tiab: ("baby formula*" OR "beef" OR "bread" OR "breads" OR "breastmilk" OR "cereal" OR "cereals" OR "chicken" OR "colostrum" OR "dairy" OR "diet" OR "dietary" OR "diets" OR "eggs" OR "fat" OR "fats" OR "flour" OR "flours" OR "food*" OR "foremilk" OR "fruit" OR "fruits" OR "grain" OR "grains" OR "hindmilk" OR "infant formula*" OR "lamb" OR "market basket*" OR "meat" OR "meats" OR "milk" OR "nutrient*" OR "nutrition*" OR "nutritive" OR "pasta" OR "pastas" OR "pork" OR "poultry" OR "rice" OR "serving size*" OR "vegetable*" OR biota*) AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels" OR "bioaccumul*" OR consumption OR consume)) OR (tiab: ("finfish*" OR "fish" OR "fishes" OR "seafood*" OR "shellfish*" OR "sportsfish*") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels" OR "bioaccumul*" OR consumption OR consume))
	Dust	(tiab: ("dust" OR "dusts" OR "dustbin*" OR "dusty" OR "housedust*" OR "house dust" OR "surface dust") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))
	Soil	(tiab: ("silt" OR "silts" OR "sediment*" OR soil* OR sediment* OR TSP) AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))
	Wastewater	(tiab: ("biosolid*" OR "bio solid*" OR "effluent*" OR "potw*" OR "sewage*" OR "sewer*" OR "sludge*" OR "wastewater*" OR "waste water*" OR "wrrf*" OR "wwtp*") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels" OR "mg/L"))
Products, Articles, Building Materials	Landfill	(tiab: ("dumping ground*" OR "garbage dump*" OR "incinerat*" OR "landfill*" OR "leach*") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))
	Home products, furnishings, and materials	(tiab: ("apartment*" OR "appliance*" OR "architectural" OR "architecture*" OR "building" OR "buildings" OR "carpet" OR "carpeting" OR "carpets" OR "rug" OR "rugs" OR "cement" OR "cements" OR "concrete" OR "condominium*" OR "couch*" OR "sofa*" OR "drywall*" OR "ductwork*" OR "duct work*" OR "fabric*" OR "floor" OR "flooring" OR "floors" OR "home environment*" OR "home product*" OR "house environment*" OR "house product*" OR "insulation*" OR "molding*" OR "paint*" OR "paintchip*" OR "paints" OR "plaster*" OR "residential" OR "roof*" OR "room volume*" OR "townhouse*" OR furniture OR "home furnish*" OR furnishing* OR "home improvement*" OR "building material*" OR "beanbag*" OR "bean bag*" OR "bedding*" OR "blanket" OR "blankets" OR "upholstery") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))
	Cookware	(tiab: ("bakeware*" OR "bake ware*" OR "cookware*" OR "cook ware*" OR "pan" OR "pans" OR "pot" OR "pots" OR "utensil*") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))
	Water proofing	(tiab: ("liquid repel*" OR "liquid-repel*" OR "liquid resist*" OR "outdoor cloth*" OR "waterproof*" OR "water proof*" OR "water repel*" OR "water resist*") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))
	Stain proofing	(tiab: ("stain proof*" OR "stain repel*" OR "stain resist*" OR "stain-resist*" OR "stain treatment*") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))
	Nonstick	(tiab: ("nonstick" OR "non stick" OR "nonsticking" OR "non sticking" OR "non-stick*") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))

Broad Category	Tag Category	Search Terms
Food Packaging	Food Packaging	(tiab: ("food pack*" OR "food wrap*" OR "microwave container*" OR "microwave popcorn bag*" OR "pizza box*" OR "plastic bag*" OR "plastic container*" OR "plastic wrap*" OR "sandwich wrap*" OR "takeout container*" OR "fast food wrap*" OR "fast food container*" OR "food container*") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))
Personal Care Products	Personal Care Products	(tiab: ("blush" OR "blushes" OR "brow pencil*" OR "cheek color*" OR "concealer*" OR "cosmeceutic*" OR "cosmetic*" OR "eyebrow pencil*" OR "eye color*" OR "eyeliner*" OR "eye liner*" OR "eyeshadow*" OR "eye shadow*" OR "face powder*" OR "facial powder*" OR "foundation" OR "foundations" OR "lipcolor*" OR "lip color*" OR "lipstick*" OR "makeup" OR "make up" OR "mascara*" OR "aftershave*" OR "after shave*" OR "antiperspirant*" OR "anti perspirant*" OR "bath capsule*" OR "bath oil*" OR "bath product*" OR "bath salt*" OR "bath tablet*" OR "bathing" OR "body cream*" OR "body spray*" OR "bodywash*" OR "body wash*" OR "breath freshener*" OR "care product*" OR "cleanser*" OR "cuticle cream*" OR "cuticle oil*" OR "dental floss*" OR "deodorant*" OR "face cream*" OR "face serum*" OR "facial cream*" OR "facial serum*" OR "fingernail polish*" OR "foot cream*" OR "foot powder*" OR "foot spray*" OR "gel wash*" OR "hand cream*" OR "hand sanitizer*" OR "lotion*" OR "manicure*" OR "moisturizer*" OR "moisturizing" OR "mouthwash*" OR "mouth wash*" OR "nail adhesive*" OR "nail enamel*" OR "nail polish*" OR "pedicure*" OR "personal care" OR "personal hygiene" OR "polish remover*" OR "shave cream*" OR "shaving cream*" OR "shower gel*" OR "showering" OR "skincare" OR "skin care" OR "soap" OR "soaps" OR "sunblock*" OR "sun block*" OR "sunless tanner*" OR "sunscreen*" OR "sun screen*" OR "toenail polish*" OR "toiletr*" OR "toothpaste*" OR ("baby" OR "babies" OR "infant" OR "infants" OR "newborn*") AND ("care" OR "bath" OR "bathing" OR "care product*" OR "cream" OR "creams" OR "powder*" OR "shampoo*" OR "wash*" OR "haircare" OR "hair care" OR "lotion*" OR "moisturizer*" OR "moisturizing" OR "powder*" OR "shampoo*" OR "skincare" OR "skin care" OR "soap" OR "soaps" OR "wash*")) OR "hair bleach*" OR "haircare" OR "hair care" OR "haircolor*" OR "hair color*" OR "hair conditioner*" OR "hair dye*" OR "hair product*" OR "hair relaxer*" OR "hair rinse*" OR "hairspray*" OR "hair spray*" OR "hair straightener*" OR "hair tint*" OR "hair tonic*" OR "permanent wave*" OR "cologne*" OR "eau de toilette*" OR "fragrance*" OR "perfume*") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))
Cleaning Products	Cleaning Products	(tiab: ("cleaning product*" OR "air freshener" OR "air fresheners" OR "bleach*" OR "cleaner*" OR "cleaning" OR "deodorizer*" OR "detergent*" OR "dishsoap*" OR "dishwash*" OR "dish wash*" OR "disinfectant*" OR "soap" OR "soaps" OR "spot remover*" OR "stain remover*") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))
Clothing	Clothing	(tiab: ("apparel" OR "bra" OR "bras" OR "cloth" OR "clothes" OR "clothing" OR "colorfast" OR "color fast" OR "diaper" OR "diapers" OR "dresses" OR "footwear" OR "garment*" OR "jeans" OR "polyester" OR "polyesters" OR "ribbon" OR "ribbons" OR "shirt" OR "shirts" OR "shoe" OR "shoes" OR "socks" OR "textile*" OR "trouser*") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))
Specialty Products	Specialty Products	(tiab: ("antifreeze" OR "anti freeze" OR "automo*" OR "automobile*" OR "automotive*" OR "car" OR "cars" OR "carseat*" OR "coolant*" OR "motor" OR "motors" OR "tire" OR "tires" OR "vehicle*" OR "acaricide*" OR "adhesive" OR "adhesives" OR "antiseptic*" OR "anti septic*" OR "batteries" OR "battery" OR "blowing agent*" OR "bonding agent*" OR "camping tent*" OR "camp tent*" OR "cigar*" OR "circuit board*" OR "circuitry" OR "colorant*" OR "computer*" OR "degreaser*" OR "degreasing" OR "diesel" OR "doll" OR "dolls" OR "drycleaning" OR "dry cleaning" OR "dye" OR "dyes" OR "electronic" OR "electronics" OR "embalming" OR "fertilizer*" OR "fiberglass*" OR "fiber glass*" OR "fire extinguisher*" OR "firefighting*" OR "fire fighting*" OR "fire-fighting" OR "fireproof*" OR "fire proof*" OR "fire retardant*" OR "flameproof*" OR "flame proof*" OR "flame retardant*" OR "foam" OR "foams" OR "fumigant*" OR "fungicide*" OR "gasoline" OR "glue" OR "glues" OR "herbicide*" OR "ink" OR "inkjet*" OR "insecticide*" OR "kerosene" OR "lacquer*" OR "larvicide*" OR "leather" OR "leathers" OR "lubricant*" OR "miticide*" OR "packaging" OR "packing material*" OR "paper" OR "parasiticide*" OR "pesticide*" OR "petrochemical*" OR "petrol" OR "petroleum" OR "pharmaceutical*" OR "pigment*" OR "piscicide*" OR "plastic" OR "plasticizer*" OR "plastics" OR "pottery" OR "preservative*" OR "pretreatment*" OR "propellant*" OR "pupicide*" OR "resin" OR "resins" OR "refrigerant*" OR "remover*" OR "retardant*" OR "rodenticide*" OR "rust inhibitor*" OR "rust preventative*" OR "sealant*" OR "ski wax*" OR "slimicide*" OR "solvent*" OR "sporting equipment" OR "sporting goods" OR "sports equipment" OR "stuffed animal*" OR "surfactant*" OR "teddy bear*" OR "tobacco" OR "toner" OR "toners" OR "toy" OR "toys" OR "varnish*" OR "weed killer*" OR "wetting agent*") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))

Broad Category	Tag Category	Search Terms
Specialty Products (indoor)	Specialty Products (indoor)	(tiab: ("acaricide*" OR "adhesive" OR "adhesives" OR "antiseptic*" OR "anti septic*" OR "batteries" OR "battery" OR "blowing agent*" OR "bonding agent*" OR "cigar*" OR "circuit board*" OR "circuitry" OR "colorant*" OR "computer*" OR "degreaser*" OR "degreasing" OR "doll" OR "dolls" OR "dye" OR "dyes" OR "electronic" OR "electronics" OR "fiberglass*" OR "fiber glass*" OR "fireproof*" OR "fire proof*" OR "fire retardant*" OR "flameproof*" OR "flame proof*" OR "flame retardant*" OR "glue" OR "glues" OR "ink" OR "inkjet*" OR "lacquer*" OR "leather" OR "leathers" OR "lubricant*" OR "packaging" OR "packing material*" OR "paper" OR "pharmaceutical*" OR "pigment*" OR "plastic" OR "plasticizer*" OR "plastics" OR "pottery" OR "preservative*" OR "pretreatment*" OR "resin" OR "resins" OR "refrigerant*" OR "remover*" OR "retardant*" OR "rodenticide*" OR "rust inhibitor*" OR "rust preventative*" OR "sealant*" OR "slimicide*" OR "solvent*" OR "stuffed animal*" OR "surfactant*" OR "teddy bear*" OR "tobacco" OR "toner" OR "toners" OR "toy" OR "toys" OR "varnish*" OR "wetting agent*") AND ("bioconcentrat*" OR "concentrat*" OR "level" OR "levels"))
Evidence Stream	Human	mesh_mh:(humans OR "human development") OR tiab: (human* OR person* OR people) OR mesh_mh:(age groups) OR tiab: (pediatric* OR pediatric* OR baby OR babies OR toddler* OR child* OR youth* OR youngster* OR tween* OR teen OR teens OR teenager*) OR (tiab:("in utero" OR prenat* OR perinat* OR neonat* OR postnat*) AND NOT tiab: (mice OR mouse OR rat OR rats)) OR tiab:(preschool* OR "pre-school*" OR kindergarten* OR schoolchild* OR student*) OR tiab:("middle age*" OR aged OR elder* OR "senior citizen*" OR seniors OR retiree* OR septuagenarian* OR octogenarian* OR sexagenarian* OR nonagenarian* OR centenarian*) OR mesh_mh:("nuclear family") OR tiab:(famil* OR parent* OR father* OR mother* OR sibling* OR brother* OR sister* OR twin OR twins OR "stepfather*" OR "step father*" OR "stepmother*" OR "step mother*" OR "stepdaughter*" OR "step daughter*" OR "stepson*" OR "step son*" OR aunt* OR uncle* OR niece* OR nephew* OR grandparent* OR grandfather* OR "grand father*" OR grandmother* OR "grand mother*" OR grandchild* OR granddaughter* OR grandson* OR spouse* OR partner* OR husband* OR wife OR wives OR guardian* OR caregiver* OR "care giver*") OR mesh_mh:(men OR women) OR tiab:(men OR man OR boy OR boys OR boyhood OR women OR woman OR girl OR girls OR girlhood) OR mesh_mh:("population groups" OR "vulnerable populations") OR tiab:("african american*" OR "asian american*" OR hispanic* OR latina* OR latino* OR "mexican american*" OR underserved OR disadvantaged) OR mesh_mh:("epidemiologic studies" OR "double-blind method" OR "single-blind method") OR mesh_sh:(epidemiology) OR tiab:("case control*" OR cohort OR "cross sectional" OR "follow-up study" OR longitudinal OR prospective OR retrospective) OR mesh_pubtype:("case reports" OR "clinical trial" OR "observational study" OR "randomized control trial" OR "twin study") OR tiab:("clinical trial*" OR observational OR "randomized control trial*") OR mesh_mh:("research subjects" OR "human experimentation" OR patients OR "Patient Participation") OR tiab:("human subject*" OR "research subject*" OR client* OR patient* OR inpatient* OR outpatient* OR participant* OR volunteer*) OR mesh_mh:("occupational groups" OR "occupational exposure") OR tiab:(occupation* OR workplace OR "work place" OR "work-related" OR administrator* OR aides OR assistant* OR crew OR crews OR employee* OR personnel OR professional OR staff OR technician* OR worker* OR educator* OR instructor* OR teacher* OR clinician* OR doctor* OR physician* OR pharmacist* OR nurs* OR residents OR veterinarian*) OR tiab_stemmed:(epidemiologic) OR mesh_mh:("research subjects" OR "human experimentation" OR patients OR "Patient Participation") OR tiab:("human subject*" OR "research subject*" OR client* OR patient* OR inpatient* OR outpatient* OR participant* OR volunteer*) OR mesh_mh:("occupational groups" OR "occupational exposure") OR tiab:(occupation* OR workplace OR "work place" OR "work-related" OR administrator* OR aides OR assistant* OR crew OR crews OR employee* OR personnel OR professional OR staff OR technician* OR worker* OR educator* OR instructor* OR teacher* OR clinician* OR doctor* OR physician* OR pharmacist* OR nurs* OR residents OR veterinarian*)
Human Exposure Measures	Exposure and dose	(tiab: (dose OR doses OR dosing OR dosage* OR expose OR exposed OR exposing OR exposure OR "daily dos*" OR "daily intake" OR "kg/d" OR "kg/day" OR "g/d" OR "g/day" OR "mg/d" OR "mg/day" OR "ug/d" OR "ug/day" OR "µg/d" OR "µg/day" OR "l/d" OR "l/day" OR "ml/d" OR "ml/day" OR "ul/d" OR "ul/day" OR "µl/d" OR "µl/day"))
	Body burden	(tiab: ("body burden*" OR burden* OR "body-burden*))

Broad Category	Tag Category	Search Terms
	Bio-monitoring, Biomarker, NHANES	(tiab: ("biological marker*" OR biomonitor* OR "bio-monitor*" OR "biological monitor*" OR biomark* OR "bio-mark*" OR "bio mark*" OR NHANES OR blood OR serum OR plasma OR urine OR "breast milk" OR "human milk" OR "breastmilk" OR "colostrum" OR "foremilk" OR "hindmilk" OR "cord blood" OR "umbilical blood" OR bioaccum* OR "bio-accum*"))
	Routes of exposure	(tiab: ("ate" OR "drank" OR "drink" OR "drinking" OR "drinks" OR "eat" OR "eaten" OR "eating" OR "eats" OR "swallow" OR "swallowed" OR "swallowing" OR "breastfed" OR "breast fed" OR breastfeed* OR (("consume" OR "consumed" OR "consumes" OR "consuming" OR "consumpt*" OR "ingest*" OR "intake*") AND ("mouth" OR "mouthing" OR "oral" OR "orally")) OR (("absorb" OR "absorbed" OR "absorbing" OR "absorbs" OR "absorption" OR "adsorb" OR "adsorbed" OR "adsorbing" OR "adsorbs" OR "adsorption" OR "adhere" OR "adhered" OR "adherence" OR "adheres" OR "adhering" OR "adhesion" OR "contact" OR "expose" OR "exposed" OR "exposes" OR "exposing" OR "exposure*") AND ("dermal" OR "dermis" OR "epidermal" OR "epidermis" OR "skin" OR contact OR touch)) OR (("expose" OR "exposed" OR "exposes" OR "exposing" OR "exposure*" OR "intake*") AND ("breath" OR "breathing" OR "inhalation" OR "inhalations" OR "inhale" OR "inhaled" OR "inhales" OR "inhaling" OR "respiration" OR "sniff*"))))

Notes: SWIFT-Review is a product of Sciome (Howard et al., 2016).

Howard, BE; Phillips, J; Miller, K; Tandon, A; Mav, D; Shah, MR; Macleod, M. (2016). SWIFT-Review: A text-mining workbench for systematic review. Syst Rev. 5: 87. <https://doi.org/10.1186%2Fs13643-016-0263-z>.

Evidence Screening

Holder et al. (2023) conducted full-text screening and data extraction in two batches. Table S4 shows the full-text screening questions used for the first batch of PFAS (PFOA, PFOS, PFBA, PFBS, PFDA, PFNA, PFHxA, PFHxS). Based on lessons learned in the first batch, to improve efficiency and clarity Holder et al. (2023) slightly updated the screening questions for the second batch of PFAS (PFDS, PFDoA, PFNS, PFHpA, PFHpS, PFUdA, PFPeA, PFPeS) (Table S5); however, the information captured remained the same.

Table S4: Screening Questions for First Batch of Full-text Screens

Screening Question	Notes
Does this study have any extractable primary data?	Yes/No
Does this study contain relevant secondary data?	Yes/No
Does this study contain relevant cohort data?	Yes/No A marker for biomonitoring data from a cohort study, if database users wish to explore those data further (we did not intentionally extract cohort data, though some incidentally extracted cohort data are in a separate data sheet)
--If so, what is the cohort name(s)?	Text field to provide cohort name
Are relevant data or information potentially pertinent to exposures provided in supporting material/information?	Yes/No A marker for data in supplementary information (SI), based on how the SI were described in the main article. We extracted only what was described in the main article. Database users may wish to explore SI data further.
Are there primary extractable data on other PFAS?	Yes/No

Screening Question	Notes
	• A marker for data on other PFAS besides the target ones, if database users wish to explore those data further (we did not extract data on PFAS other than the target ones)
--If so, which other PFAS?	Text field to list the other PFAS studied
Does this study contain questionnaire data?	Yes/No • A marker for data on human participants collected by study questionnaire, if database users wish to explore those data further (we did not extract questionnaire data)
What is the funding source for this study?	Text field to provide the source of funding/support for the study
Overall notes	Text field to provide any useful information on the study

Table S5: Screening Questions for Second Batch of Full-text Screens

Screening Question	Notes
Is the main article's full text available in HERO and is it in English?	Yes/No • If answer is no, then do not answer any additional questions
Is this a relevant study?	Yes/No
Are there any relevant extractable values for limits, detection frequencies, or stats in the main article?	Yes/No
Are any of the relevant data from inside the US, Canada, or Europe?	Yes/No
Does the study contain secondary data that are otherwise relevant?	Yes/No • A marker for secondary data, if database users wish to explore those data further (we did not knowingly extract secondary data)
Does this study contain relevant cohort data for human biomonitoring?	Yes/No • A marker for biomonitoring data from a cohort study, if database users wish to explore those data further (we did not intentionally extract cohort data, though some incidentally extracted cohort data are in a separate data sheet)
--If so, what is the cohort name(s)?	
Are relevant data available in supplementary material?	Yes/No • A marker for data in supplementary information (SI), based on how the SI were described in the main article. We extracted only what was described in the main article. Database users may wish to explore SI data further.
--If so, is that the only place in the paper where relevant data are presented?	Yes/No

Screening Question	Notes
Are relevant data available for other PFAS?	Yes/No A marker for data on other PFAS besides the target ones, if database users wish to explore those data further (we did not extract data on PFAS other than the target ones)
--If so, which other PFAS	Text field to list the other PFAS studied
Does the study contain questionnaire data?	Yes/No A marker for data on human participants collected by study questionnaire, if database users wish to explore those data further (we did not extract questionnaire data)
What is the funding source for this study?	Text field to provide source of funding/support for the study
Overall notes	Text field to provide any useful information on the study

From Holder et al. (2024):

Methods for Literature Search

In Table S6, the search terms used are provided. All searches were performed in June or July 2021.

In Table S7, the results of the simple clustering keyword analysis used to narrow the amount of literature to screen are provided.

Table S6: Strategies for Literature Search

Database	Search Terms
Biomatrix	
Web of Science	(biological-marker* OR biomark* OR "blood" OR "breast milk" OR "foremilk" OR biomonitor* OR bio-mark* OR "serum" OR "human milk" OR "hindmilk" OR bio-monitor* OR bio-mark* OR "plasma" OR "breastmilk" OR "cord blood" OR biological-monitor* OR "NHANES" OR "urine" OR "colostrum" OR "umbilical blood")
PubMed	(biological-marker*[tiab] OR "Biomarkers"[mh] OR biomark*[tiab] OR "blood"[tiab] OR "blood"[mh] OR "breast milk"[tiab] OR "Milk, Human"[mh] OR "foremilk"[tiab] OR "Colostrum"[mh] OR biomonitor*[tiab] OR "Biological Monitoring"[mh] OR bio-mark*[tiab] OR "serum"[tiab] OR "Serum"[mh] OR "human milk"[tiab] OR "hindmilk"[tiab] OR bio-monitor*[tiab] OR bio-mark*[tiab] OR "plasma"[tiab] OR "Plasma"[mh] OR "breastmilk"[tiab] OR "Breast Milk Expression"[mh] OR "cord blood"[tiab] OR "Fetal Blood"[mh] OR biological-monitor*[tiab] OR "NHANES"[tiab] OR "Nutrition Surveys"[mh] OR "urine"[tiab] OR "Urine"[mh] OR "colostrum"[tiab] OR "umbilical blood"[tiab])
ProQuest	NOFT(biological-marker* OR biomark* OR "blood" OR "breast milk" OR "foremilk" OR biomonitor* OR bio-mark* OR "serum" OR "human milk" OR "hindmilk" OR bio-monitor* OR bio-mark* OR "plasma" OR "breastmilk" OR "cord blood" OR biological-monitor* OR "NHANES" OR "urine" OR "colostrum" OR "umbilical blood")
Exposure Correlate	
Web of Science	(associat* OR behavior* OR contribut* OR correlat* OR demographic* OR determinant* OR eviden* OR factor* OR "home environment" OR implicat* OR interview* OR model* OR multivariable OR outcome* OR pathway* OR predictor* OR questionnaire* OR regress* OR relationship* OR source* OR *variate*)
PubMed	(associat*[tiab] OR Association[mh] OR behavior*[tiab] OR Behavior[mh] OR "Behavior and Behavior Mechanisms"[mh] OR contribut*[tiab] OR correlat*[tiab] OR demographic*[tiab] OR Demography[mh] OR determinant*[tiab] OR eviden*[tiab] OR factor*[tiab] OR "home environment"[tiab] OR implicat*[tiab] OR interview*[tiab] OR model*[tiab] OR multivariable[tiab] OR outcome*[tiab] OR pathway*[tiab] OR predictor*[tiab] OR questionnaire*[tiab] OR "Surveys and Questionnaires"[mh] OR regress*[tiab] OR relationship*[tiab] OR source*[tiab] OR *variate*[tiab])
ProQuest	NOFT(associat* OR behavior* OR contribut* OR correlat* OR demographic* OR determinant* OR eviden* OR factor* OR "home environment" OR implicat* OR interview* OR model* OR multivariable OR outcome* OR pathway* OR predictor* OR questionnaire* OR regress* OR relationship* OR source* OR variate*)

Database	Search Terms
PFOA and PFOS	
Web of Science	("perfluorooctanoic acid" OR "perfluorooctane sulfonic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-Octanoic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoic acid" OR "3,3,4,4,5,5,6,6,6-nonafluoro-2-oxo-Hexanoyl fluoride" OR "3,3,4,4,5,5,6,6,6-nonafluoro-2-oxohexanoyl fluoride" OR "Hexanoyl fluoride, 3,3,4,4,5,5,6,6,6-nonafluoro-2-oxo-" OR "Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-" OR "Pentadecafluoro-1-octanoic acid" OR "Pentadecafluoro-n-octanoic acid" OR "Pentadecafluorooctanoic acid" OR "Perfluorocaprylic acid" OR "Perfluorooctanoic acid" OR "Perfluoroheptanecarboxylic acid" OR "Perfluorooctanoic acid" OR "Octanoic acid, pentadecafluoro-" OR "Perfluorooctanoate" OR "A 5717" OR "EF 201" OR "Eftop EF 201" OR "Perfluoro-1-heptanecarboxylic acid" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Heptadecafluoro-1-octanesulfonic acid" OR "1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-" OR "1-Perfluorooctanesulfonic acid" OR "EF 101" OR "Eftop EF 101" OR "Heptadecafluoro-1-octanesulfonic acid" OR "Heptadecafluorooctane-1-sulphonic acid" OR "Perfluorooctane sulfonate" OR "Perfluorooctane sulfonic acid" OR "Perfluorooctanesulfonic acid" OR "Perfluorooctylsulfonic acid" OR "1-Octanesulfonic acid, heptadecafluoro-" OR "Heptadecafluorooctanesulfonic acid" OR "Perfluoro-n-octanesulfonic acid" OR "Perfluorooctane Sulphonic Acid" OR "Perfluorooctanesulfonate" OR "Perfluorooctylsulfonate" OR ("PFOA" OR "PFOS") AND ("fluorocarbon*" OR "fluorotelomer*" OR "polyfluoro*" OR "perfluoro*" OR "perfluoroa*" OR "perfluorob*" OR "perfluoroc*" OR "perfluorod*" OR "perfluoroe*" OR "perfluoroh*" OR "perfluoron*" OR "perfluoroo*" OR "perfluorop*" OR "perfluoros*" OR "perfluorou*" OR "perfluorinated" OR "fluorinated" OR "PFAS"))
PubMed	(335-67-1[rn] OR 1763-23-1[rn] OR 45298-90-6[rn] OR "perfluorooctanoic acid"[nm] OR "perfluorooctane sulfonic acid"[nm]) OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-Octanoic acid"[tw] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoic acid"[tw] OR "3,3,4,4,5,5,6,6,6-nonafluoro-2-oxo-Hexanoyl fluoride"[tw] OR "3,3,4,4,5,5,6,6,6-nonafluoro-2-oxohexanoyl fluoride"[tw] OR "Hexanoyl fluoride, 3,3,4,4,5,5,6,6,6-nonafluoro-2-oxo-"[tw] OR "Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-"[tw] OR "Pentadecafluoro-1-octanoic acid"[tw] OR "Pentadecafluoro-n-octanoic acid"[tw] OR "Pentadecafluorooctanoic acid"[tw] OR "Perfluorocaprylic acid"[tw] OR "Perfluorooctanoic acid"[tw] OR "Perfluoroheptanecarboxylic acid"[tw] OR "Perfluorooctanoic acid"[tw] OR "Octanoic acid, pentadecafluoro-"[tw] OR "Perfluorooctanoate"[tw] OR "A 5717"[tw] OR "EF 201"[tw] OR "Eftop EF 201"[tw] OR "Perfluoro-1-heptanecarboxylic acid"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Heptadecafluoro-1-octanesulfonic acid"[tw] OR "1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-"[tw] OR "1-Perfluorooctanesulfonic acid"[tw] OR "EF 101"[tw] OR "Eftop EF 101"[tw] OR "Heptadecafluoro-1-octanesulfonic acid"[tw] OR "Heptadecafluorooctane-1-sulphonic acid"[tw] OR "Perfluorooctane sulfonate"[tw] OR "Perfluorooctane sulfonic acid"[tw] OR "Perfluorooctanesulfonic acid"[tw] OR "Perfluorooctylsulfonic acid"[tw] OR "1-Octanesulfonic acid, heptadecafluoro-"[tw] OR "Heptadecafluorooctanesulfonic acid"[tw] OR "Perfluoro-n-octanesulfonic acid"[tw] OR "Perfluorooctane Sulphonic Acid"[tw] OR "Perfluorooctanesulfonate"[tw] OR "Perfluorooctylsulfonate"[tw] OR ("PFOA"[tw] OR "PFOS"[tw]) AND (fluorocarbon*[tw] OR fluorotelomer*[tw] OR polyfluoro*[tw] OR perfluoro-[tw] OR perfluoroa*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroe*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluoros*[tw] OR perfluorou*[tw] OR perfluorinated[tw] OR fluorinated[tw] OR PFAS[tw]))
ProQuest	noft("perfluorooctanoic acid" OR "perfluorooctane sulfonic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-Octanoic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoic acid" OR "3,3,4,4,5,5,6,6,6-nonafluoro-2-oxo-Hexanoyl fluoride" OR "3,3,4,4,5,5,6,6,6-nonafluoro-2-oxohexanoyl fluoride" OR "Hexanoyl fluoride, 3,3,4,4,5,5,6,6,6-nonafluoro-2-oxo-" OR "Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-" OR "Pentadecafluoro-1-octanoic acid" OR "Pentadecafluoro-n-octanoic acid" OR "Pentadecafluorooctanoic acid" OR "Perfluorocaprylic acid" OR "Perfluorooctanoic acid" OR "Octanoic acid, pentadecafluoro-" OR "Perfluorooctanoate" OR "A 5717" OR "EF 201" OR "Eftop EF 201" OR "Perfluoro-1-heptanecarboxylic acid" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Heptadecafluoro-1-octanesulfonic acid" OR "1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-" OR "1-Perfluorooctanesulfonic acid" OR "EF 101" OR "Eftop EF 101" OR "Heptadecafluoro-1-octanesulfonic acid" OR "Heptadecafluorooctane-1-sulphonic acid" OR "Perfluorooctane sulfonate" OR "Perfluorooctane sulfonic acid" OR "Perfluorooctanesulfonic acid" OR "Perfluorooctylsulfonic acid" OR "1-Octanesulfonic acid, heptadecafluoro-" OR "Heptadecafluorooctanesulfonic acid" OR "Perfluoro-n-octanesulfonic acid" OR "Perfluorooctane Sulphonic Acid" OR "Perfluorooctanesulfonate" OR "Perfluorooctylsulfonate" OR ("PFOA" OR "PFOS") AND ("fluorocarbon*" OR "fluorotelomer*" OR "polyfluoro*" OR "perfluoro*" OR "perfluoroa*" OR "perfluorob*" OR "perfluoroc*" OR "perfluorod*" OR "perfluoroe*" OR "perfluoroh*" OR "perfluoron*" OR "perfluoroo*" OR "perfluorop*" OR "perfluoros*" OR "perfluorou*" OR "perfluorinated" OR "fluorinated" OR "PFAS"))
PFBA	
Web of Science	"Heptafluoro-1-butanoic acid" OR "Heptafluorobutanoic acid" OR "Heptafluorobutyric acid" OR "Kyselina heptafluormaselná" OR "Perfluorobutanoic acid" OR "Perfluorobutyric acid" OR "Perfluoropropanecarboxylic acid" OR "2,2,3,3,4,4,4-heptafluoro-Butanoic acid" OR "Butanoic acid, 2,2,3,3,4,4,4-heptafluoro-" OR "Butanoic acid, heptafluoro-" OR "Perfluoro-n-butanoic acid" OR "Perfluorobutanoate" OR "2,2,3,3,4,4,4-Heptafluorobutanoic acid" OR "Butyric acid, heptafluoro-" OR "Fluorad FC 23" OR "H 0024" OR "NSC 820" OR ((PFBA OR "FC 23" OR HFBA) AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro-* OR perfluoroa* OR perfluorob* OR perfluoroc* OR perfluorod* OR perfluoroe* OR perfluoroh* OR perfluoron* OR perfluoroo* OR perfluorop* OR perfluoros* OR perfluorou* OR perfluorinated OR fluorinated OR PFAS OR PFOS OR PFOA))

Database	Search Terms
PubMed	375-22-4[m] OR "Heptafluoro-1-butanoic acid"[tw] OR "Heptafluorobutanoic acid"[tw] OR "Heptafluorobutyric acid"[tw] OR "Kyselina heptafluormaselná"[tw] OR "Perfluorobutanoic acid"[tw] OR "Perfluorobutyric acid"[tw] OR "Perfluoropropanecarboxylic acid"[tw] OR "2,2,3,3,4,4,4-heptafluoro-Butanoic acid"[tw] OR "Butanoic acid, 2,2,3,3,4,4,4-heptafluoro-"[tw] OR "Butanoic acid, heptafluoro-"[tw] OR "Perfluoro-n-butanoic acid"[tw] OR "Perfluorobutanoate"[tw] OR "2,2,3,3,4,4,4-Heptafluorobutanoic acid"[tw] OR "Butyric acid, heptafluoro-"[tw] OR "Fluorad FC 23"[tw] OR "H 0024"[tw] OR "NSC 820"[tw] OR ((PFBA[tw] OR "FC 23"[tw] OR HFBA[tw]) AND (fluorocarbon*[tw] OR fluorotelomer*[tw] OR polyfluoro*[tw] OR perfluoro-[tw] OR perfluoroo*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroc*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluorou*[tw] OR perfluorinated[tw] OR fluorinated[tw] OR PFAS[tw] OR PFOS[tw] OR PFOA[tw]))
ProQuest	NOFT("Heptafluoro-1-butanoic acid" OR "Heptafluorobutanoic acid" OR "Heptafluorobutyric acid" OR "Kyselina heptafluormaselná" OR "Perfluorobutanoic acid" OR "Perfluorobutyric acid" OR "Perfluoropropanecarboxylic acid" OR "2,2,3,3,4,4,4-heptafluoro-Butanoic acid" OR "Butanoic acid, 2,2,3,3,4,4,4-heptafluoro-" OR "Butanoic acid, heptafluoro-" OR "Perfluoro-n-butanoic acid" OR "Perfluorobutanoate" OR "2,2,3,3,4,4,4-Heptafluorobutanoic acid" OR "Butyric acid, heptafluoro-" OR "Fluorad FC 23" OR "H 0024" OR "NSC 820" OR ((PFBA OR "FC 23" OR HFBA) AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro* OR perfluoroo* OR perfluorob* OR perfluoroc* OR perfluorod* OR perfluoroc* OR perfluoroh* OR perfluoron* OR perfluoroo* OR perfluorop* OR perfluorou* OR perfluorinated OR fluorinated OR PFAS OR PFOS OR PFOA)))
PFBS	
Web of Science	"1,1,2,2,3,3,4,4,4-Nonafluoro-1-butanedisulfonic acid" OR "1-Perfluorobutanedisulfonic acid" OR "Nonafluoro-1-butanedisulfonic acid" OR "Nonafluorobutanedisulfonic acid" OR "Perfluorobutanedisulfonic acid" OR "1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulphonic acid" OR "Perfluorobutane sulfonic acid" OR "Perfluorobutanedisulfonate" OR "Perfluorobutane sulfonate" OR "1-Butanedisulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-" OR "1-Butanedisulfonic acid, nonafluoro-" OR "Perfluoro-1-butanedisulfonate" OR "Perfluorobutylsulfonate" OR "Eftop FBASA" OR (PFBS AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro-[tw] OR perfluoroo*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroc*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluorou*[tw] OR perfluorinated OR fluorinated OR PFAS OR PFOS OR PFOA)))
PubMed	375-73-5[m] OR 45187-15-3[m] "nonafluorobutane-1-sulfonic acid"[nm] OR "1,1,2,2,3,3,4,4,4-Nonafluoro-1-butanedisulfonic acid"[tw] OR "1-Perfluorobutanedisulfonic acid"[tw] OR "Nonafluoro-1-butanedisulfonic acid"[tw] OR "Nonafluorobutanedisulfonic acid"[tw] OR "Perfluorobutanedisulfonic acid"[tw] OR "1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulphonic acid"[tw] OR "Perfluorobutane sulfonic acid"[tw] OR "Perfluorobutanedisulfonate"[tw] OR "Perfluorobutane sulfonate"[tw] OR "1-Butanedisulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-"[tw] OR "1-Butanedisulfonic acid, nonafluoro-"[tw] OR "Perfluoro-1-butanedisulfonate"[tw] OR "Perfluorobutylsulfonate"[tw] OR "Eftop FBASA"[tw] OR (PFBS[tw] AND (fluorocarbon*[tw] OR fluorotelomer*[tw] OR polyfluoro*[tw] OR perfluoro-[tw] OR perfluoroo*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroc*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluorou*[tw] OR perfluorinated[tw] OR fluorinated[tw] OR PFAS[tw] OR PFOS[tw] OR PFOA[tw]))
ProQuest	NOFT("1,1,2,2,3,3,4,4,4-Nonafluoro-1-butanedisulfonic acid" OR "1-Perfluorobutanedisulfonic acid" OR "Nonafluoro-1-butanedisulfonic acid" OR "Nonafluorobutanedisulfonic acid" OR "Perfluorobutanedisulfonic acid" OR "1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulphonic acid" OR "Perfluorobutane sulfonic acid" OR "Perfluorobutanedisulfonate" OR "Perfluorobutane sulfonate" OR "1-Butanedisulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-" OR "1-Butanedisulfonic acid, nonafluoro-" OR "Perfluoro-1-butanedisulfonate" OR "Perfluorobutylsulfonate" OR "Eftop FBASA" OR (PFBS AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro* OR perfluoroo* OR perfluorob* OR perfluoroc* OR perfluorod* OR perfluoroc* OR perfluoroh* OR perfluoron* OR perfluoroo* OR perfluorop* OR perfluorou* OR perfluorinated OR fluorinated OR PFAS OR PFOS OR PFOA)))
PFDA	
Web of Science	"PFDeA" OR "PFDcA" OR "NdFDA" OR "Nonadecafluoro-n-decanoic acid" OR "Nonadecafluorodecanoic acid" OR "Perfluoro-n-decanoic acid" OR "Perfluorodecanoic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-Decanoic acid" OR "Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-" OR "Decanoic acid, nonadecafluoro-" OR "Perfluorodecanoate" OR (PFDA AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro-[tw] OR perfluoroo*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroc*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluorou*[tw] OR perfluorinated OR fluorinated)) OR OR PFAS OR PFOS OR PFOA)))
PubMed	335-76-2[m] OR "NdFDA"[tw] OR "Nonadecafluoro-n-decanoic acid"[tw] OR "Nonadecafluorodecanoic acid"[tw] OR "Perfluoro-n-decanoic acid"[tw] OR "Perfluorodecanoic acid"[tw] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-Decanoic acid"[tw] OR "Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-"[tw] OR "Decanoic acid, nonadecafluoro-"[tw] OR "Perfluorodecanoate"[tw] OR "PFDeA"[tw] OR "PFDcA"[tw] OR ("PFDA"[tw] AND (fluorocarbon*[tw] OR fluorotelomer*[tw] OR polyfluoro*[tw] OR perfluoro-[tw] OR perfluoroo*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroc*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluorou*[tw] OR perfluorinated[tw] OR fluorinated[tw] OR PFAS[tw] OR PFOS[tw] OR PFOA[tw]))

Database	Search Terms
ProQuest	NOFT("PFDcA" OR "PFDcA" OR "Ndfda" OR "Nonadecafluoro-n-decanoic acid" OR "Nonadecafluorodecanoic acid" OR "Perfluoro-n-decanoic acid" OR "Perfluorodecanoic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-Decanoic acid" OR "Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-" OR "Decanoic acid, nonadecafluoro-" OR "Perfluorodecanoate" OR (PFDA AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro* OR perfluoroo* OR perfluorob* OR perfluoroc* OR perfluorod* OR perfluoroe* OR perfluoroh* OR perfluoron* OR perfluoroo* OR perfluorop* OR perfluoros* OR perfluorou* OR perfluorinated OR fluorinated)) OR OR PFAS OR PFOS OR PFOA)
PFHxA	
Web of Science	("2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid" OR "2,2,3,3,4,4,5,5,6,6,6-undecafluoro-hexanoic acid" OR "hexanoic acid, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro-" OR "hexanoic acid, undecafluoro-" OR "perfluorohexanoic acid" OR "perfluoro-1-pentanecarboxylic acid" OR "perfluorocaproic acid" OR "perfluorohexanoate" OR "perfluorohexanoic acid" OR "undecafluoro-1-hexanoic acid" OR "undecafluorocaproic acid" OR "undecafluorohexanoic acid" OR "PFHxA")
PubMed	((307-24-4[m] OR "2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid"[tw] OR "2,2,3,3,4,4,5,5,6,6,6-undecafluoro-hexanoic acid"[tw] OR "hexanoic acid, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro-"[tw] OR "hexanoic acid, undecafluoro-"[tw] OR "perfluorohexanoic acid"[tw] OR "perfluoro-1-pentanecarboxylic acid"[tw] OR "perfluorocaproic acid"[tw] OR "perfluorohexanoate"[tw] OR "perfluorohexanoic acid"[tw] OR "undecafluoro-1-hexanoic acid"[tw] OR "undecafluorocaproic acid"[tw] OR "undecafluorohexanoic acid"[tw] OR "PFHxA"[tw]))
ProQuest	NOFT("2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid" OR "2,2,3,3,4,4,5,5,6,6,6-undecafluoro-hexanoic acid" OR "hexanoic acid, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro-" OR "hexanoic acid, undecafluoro-" OR "perfluorohexanoic acid" OR "perfluoro-1-pentanecarboxylic acid" OR "perfluorocaproic acid" OR "perfluorohexanoate" OR "perfluorohexanoic acid" OR "undecafluoro-1-hexanoic acid" OR "undecafluorocaproic acid" OR "undecafluorohexanoic acid" OR "PFHxA")
PFHxS	
Web of Science	"1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulfonic acid" OR "1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-Hexanesulfonic acid" OR "1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-" OR "1-Hexanesulfonic acid, tridecafluoro-" OR "1-Perfluorohexanesulfonic acid" OR "Perfluoro-1-hexanesulfonate" OR "Perfluorohexane sulfonic acid" OR "Perfluorohexanesulfonic acid" OR "Perfluorohexanesulfonate" OR "Tridecafluorohexanesulfonic acid" OR "tridecafluoro-1-Hexanesulfonic acid" OR "PFHxS"
PubMed	108427-53-8[m] OR 355-46-4[m] OR "1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulfonic acid"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-Hexanesulfonic acid"[tw] OR "1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-"[tw] OR "1-Hexanesulfonic acid, tridecafluoro-"[tw] OR "1-Perfluorohexanesulfonic acid"[tw] OR "Perfluoro-1-hexanesulfonate"[tw] OR "Perfluorohexane sulfonic acid"[tw] OR "Perfluorohexane-1-sulphonic acid"[tw] OR "Perfluorohexanesulfonate"[tw] OR "Perfluorohexanesulfonic acid"[tw] OR "Perfluorohexylsulfonate"[tw] OR "Tridecafluorohexanesulfonic acid"[tw] OR "tridecafluoro-1-Hexanesulfonic acid"[tw] OR "PFHxS"[tw]
ProQuest	NOFT("1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulfonic acid" OR "1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-Hexanesulfonic acid" OR "1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-" OR "1-Hexanesulfonic acid, tridecafluoro-" OR "1-Perfluorohexanesulfonic acid" OR "Perfluoro-1-hexanesulfonate" OR "Perfluorohexane sulfonic acid" OR "Perfluorohexane-1-sulphonic acid" OR "Perfluorohexanesulfonate" OR "Perfluorohexanesulfonic acid" OR "Perfluorohexylsulfonate" OR "Tridecafluorohexanesulfonic acid" OR "tridecafluoro-1-Hexanesulfonic acid" OR "PFHxS")
PFNA	
Web of Science	((PFNA OR "C 1800") AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro* OR perfluoroo* OR perfluorob* OR perfluoroc* OR perfluorod* OR perfluoroe* OR perfluoroh* OR perfluoron* OR perfluoroo* OR perfluorop* OR perfluoros* OR perfluorou* OR perfluorinated OR fluorinated OR PFAS OR PFOS OR PFOA)) OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid" OR "Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-" OR "Nonanoic acid, heptadecafluoro-" OR "Perfluoro-n-nonanoic acid" OR "Perfluorononan-1-oic acid" OR "Perfluorononanoate" OR "Perfluorononanoic acid" OR "Perfluorononanoic acid" OR "Perfluoropelargonic acid" OR "heptadecafluorononanoic acid"
PubMed	"375-95-1"[m] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid"[tw] OR "Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-"[tw] OR "Nonanoic acid, heptadecafluoro-"[tw] OR "Perfluoro-n-nonanoic acid"[tw] OR "Perfluorononan-1-oic acid"[tw] OR "Perfluorononanoate"[tw] OR "Perfluorononanoic acid"[tw] OR "Perfluorononanoic acid"[tw] OR "Perfluoropelargonic acid"[tw] OR "heptadecafluorononanoic acid"[tw] OR ("PFNA"[tw] OR "C 1800"[tw]) AND (fluorocarbon*[tw] OR fluorotelomer*[tw] OR polyfluoro*[tw] OR perfluoro*[tw] OR perfluorob*[tw] OR perfluoroc*[tw] OR perfluorod*[tw] OR perfluoroe*[tw] OR perfluoroh*[tw] OR perfluoron*[tw] OR perfluoroo*[tw] OR perfluorop*[tw] OR perfluoros*[tw] OR perfluorou*[tw] OR perfluorinated[tw] OR fluorinated[tw] OR PFAS[tw] OR PFOS[tw] OR PFOA[tw]))
ProQuest	NOFT((PFNA OR "C 1800") AND (fluorocarbon* OR fluorotelomer* OR polyfluoro* OR perfluoro* OR perfluoroo* OR perfluorob* OR perfluoroc* OR perfluorod* OR perfluoroe* OR perfluoroh* OR perfluoron* OR perfluoroo* OR perfluorop* OR perfluoros* OR perfluorou* OR perfluorinated OR fluorinated OR PFAS OR PFOS OR PFOA)) OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid" OR "Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-" OR "Nonanoic acid, heptadecafluoro-" OR "Perfluoro-n-nonanoic acid" OR "Perfluorononan-1-oic acid" OR "Perfluorononanoate" OR "Perfluorononanoic acid" OR "Perfluorononanoic acid" OR "Perfluoropelargonic acid" OR "heptadecafluorononanoic acid"

Database	Search Terms
PFDaA	
Web of Science	("Perfluorododecanoic acid" OR "Tricosafuorododecanoic acid" OR "Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-tricosafuoro-" OR "Perfluorolauric acid" OR "PFDOA" OR "PFDaA" OR "Dodecanoic acid, tricosafuoro-" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-Tricosafuorododecanoic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Tricosafuorododecanoic acid" OR "PFDDA")
PubMed	("307-55-1"[rn] OR "Perfluorododecanoic acid"[tw] OR "Tricosafuorododecanoic acid"[tw] OR "Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-tricosafuoro-"[tw] OR "Perfluorolauric acid"[tw] OR "PFDOA"[tw] OR "PFDaA"[tw] OR "Dodecanoic acid, tricosafuoro-"[tw] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-Tricosafuorododecanoic acid"[tw] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Tricosafuorododecanoic acid"[tw] OR "PFDDA"[tw] OR "EINECS 206-203-2"[tw] OR "UNII-P6G1J7NM2D"[tw])
ProQuest	NOFT("Perfluorododecanoic acid" OR "Tricosafuorododecanoic acid" OR "Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-tricosafuoro-" OR "Perfluorolauric acid" OR "PFDOA" OR "PFDaA" OR "Dodecanoic acid, tricosafuoro-" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-Tricosafuorododecanoic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Tricosafuorododecanoic acid" OR "PFDDA") ("Perfluoroundecanoic acid" OR "Heneicosafuoroundecanoic acid" OR "Undecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heneicosafuoro-" OR "Undecanoic acid, heneicosafuoro-" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Heneicosafuoroundecanoic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heneicosafuoroundecanoic acid" OR "Heneicosafuoroundecanoic acid" OR "PFUnA" OR "PFUnDA" OR "Perfluoroundecylic acid" OR "acide heneicosafuoroundecanoique" OR "Heneicosafuoroundecansauire" OR "acido heneicosafuoroundecanoico" OR "PFUDa" OR "Perfluoro-n-undecanoic acid")
PFUDa	
Web of Science	("Perfluoroundecanoic acid" OR "Heneicosafuoroundecanoic acid" OR "Undecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heneicosafuoro-" OR "Undecanoic acid, heneicosafuoro-" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Heneicosafuoroundecanoic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heneicosafuoroundecanoic acid" OR "Heneicosafuoroundecanoic acid" OR "PFUnA" OR "PFUnDA" OR "Perfluoroundecylic acid" OR "acide heneicosafuoroundecanoique" OR "Heneicosafuoroundecansauire" OR "acido heneicosafuoroundecanoico" OR "PFUDa" OR "Perfluoro-n-undecanoic acid")
PubMed	("2058-94-8"[rn] OR "Perfluoroundecanoic acid"[tw] OR "Heneicosafuoroundecanoic acid"[tw] OR "Undecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heneicosafuoro-"[tw] OR "Undecanoic acid, heneicosafuoro-"[tw] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Heneicosafuoroundecanoic acid"[tw] OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heneicosafuoroundecanoic acid"[tw] OR "Heneicosafuoroundecanoic acid"[tw] OR "PFUnA"[tw] OR "PFUnDA"[tw] OR "Perfluoroundecylic acid"[tw] OR "acide heneicosafuoroundecanoique"[tw] OR "Heneicosafuoroundecansauire"[tw] OR "acido heneicosafuoroundecanoico"[tw] OR "PFUDa"[tw] OR "Perfluoro-n-undecanoic acid"[tw] OR "EINECS 218-165-4"[tw])
ProQuest	NOFT("Perfluoroundecanoic acid" OR "Heneicosafuoroundecanoic acid" OR "Undecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heneicosafuoro-" OR "Undecanoic acid, heneicosafuoro-" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Heneicosafuoroundecanoic acid" OR "2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heneicosafuoroundecanoic acid" OR "Heneicosafuoroundecanoic acid" OR "PFUnA" OR "PFUnDA" OR "Perfluoroundecylic acid" OR "acide heneicosafuoroundecanoique" OR "Heneicosafuoroundecansauire" OR "acido heneicosafuoroundecanoico" OR "PFUDa" OR "Perfluoro-n-undecanoic acid")
PFHpA	
Web of Science	("Perfluoroheptanoic acid" OR "Tridecafluoroheptanoic acid" OR "Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoro-" OR "2,2,3,3,4,4,5,5,6,6,7,7,7-Tridecafluoroheptanoic acid" OR "Heptanoic acid, tridecafluoro-" OR "PFHpA" OR "Perfluoro-n-heptanoic acid" OR "Perfluoroheptanoic acid" OR "Acide perfluoroheptanoique" OR "Perfluorheptansauire" OR "acido perfluoroheptanoico" OR "Tridecafluoro-1-heptanoic acid")
PubMed	("375-85-9"[rn] OR "Perfluoroheptanoic acid"[tw] OR "Tridecafluoroheptanoic acid"[tw] OR "Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoro-"[tw] OR "2,2,3,3,4,4,5,5,6,6,7,7,7-Tridecafluoroheptanoic acid"[tw] OR "Heptanoic acid, tridecafluoro-"[tw] OR "PFHpA"[tw] OR "Perfluoro-n-heptanoic acid"[tw] OR "Perfluoroheptanoic acid"[tw] OR "Acide perfluoroheptanoique"[tw] OR "Perfluorheptansauire"[tw] OR "acido perfluoroheptanoico"[tw] OR "Tridecafluoro-1-heptanoic acid"[tw] OR "EC 206-798-9"[tw] OR "EINECS 206-798-9"[tw] OR "HSDB 8293"[tw])
ProQuest	NOFT("Perfluoroheptanoic acid" OR "Tridecafluoroheptanoic acid" OR "Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoro-" OR "2,2,3,3,4,4,5,5,6,6,7,7,7-Tridecafluoroheptanoic acid" OR "Heptanoic acid, tridecafluoro-" OR "PFHpA" OR "Perfluoro-n-heptanoic acid" OR "Perfluoroheptanoic acid" OR "Acide perfluoroheptanoique" OR "Perfluorheptansauire" OR "acido perfluoroheptanoico" OR "Tridecafluoro-1-heptanoic acid")
PFPeA	
Web of Science	("Perfluoropentanoic acid" OR "Nonafluoropentanoic acid" OR "Pentanoic acid, 2,2,3,3,4,4,5,5,5-nonafluoro-" OR "Perfluorovaleric acid" OR "Nonafluorovaleric acid" OR "Pentanoic acid, nonafluoro-" OR "2,2,3,3,4,4,5,5,5-Nonafluoropentanoic acid" OR "Acide perfluorovalerique" OR "Perfluorvaleriansauire" OR "acido perfluorovalerico" OR "Nonafluoro-1-pentanoic acid" OR "Perfluoro-n-pentanoic acid" OR "Valeric acid, nonafluoro-")
PubMed	("2706-90-3"[rn] OR "Perfluoropentanoic acid"[tw] OR "Nonafluoropentanoic acid"[tw] OR "Pentanoic acid, 2,2,3,3,4,4,5,5,5-nonafluoro-"[tw] OR "Perfluorovaleric acid"[tw] OR "Nonafluorovaleric acid"[tw] OR "Pentanoic acid, nonafluoro-"[tw] OR "2,2,3,3,4,4,5,5,5-Nonafluoropentanoic acid"[tw] OR "Acide perfluorovalerique"[tw] OR "Perfluorvaleriansauire"[tw] OR "acido perfluorovalerico"[tw] OR "Nonafluoro-1-pentanoic acid"[tw] OR "EC 220-300-7"[tw] OR "Perfluoro-n-pentanoic acid"[tw] OR "EINECS 220-300-7"[tw] OR "NSC 18404"[tw] OR "Valeric acid, nonafluoro-"[tw])

Database	Search Terms
ToxLine/ ToxNet	NOFT("Perfluoropentanoic acid" OR "Nonafluoropentanoic acid" OR "Pentanoic acid, 2,2,3,3,4,4,5,5,5-nonafluoro-" OR "Perfluorovaleric acid" OR "Nonafluorovaleric Acid" OR "Pentanoic acid, nonafluoro-" OR "2,2,3,3,4,4,5,5,5-Nonafluoropentanoic acid" OR "Acide perfluorovalerique" OR "Perfluorvaleriansaure" OR "acido perfluorovalerico" OR "Nonafluoro-1-pentanoic acid" OR "Perfluoro-n-pentanoic acid" OR "Valeric acid, nonafluoro-")
PFDS	
Web of Science	("Perfluorodecanesulfonic acid" OR "Hencosafluorodecane-1-sulfonic acid" OR "1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-hencosafluoro-" OR "PFDS" OR "1-Decanesulfonic acid, hencosafluoro-" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Hencosafluoro-1-decanesulfonic acid" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,1 0-Hencosafluorodecane-1-sulfonic acid" OR "hencosafluorodecanesulphonic acid" OR "Perfluorodecane sulfonic acid" OR "Hencosafluoro-1-decanesulfonic acid")
PubMed	("335-77-3"[m] OR "Perfluorodecanesulfonic acid"[tw] OR "Hencosafluorodecane-1-sulfonic acid"[tw] OR "1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-hencosafluoro-"[tw] OR "PFDS"[tw] OR "1-Decanesulfonic acid, hencosafluoro-"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Hencosafluoro-1-decanesulfonic acid"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,1 0-Hencosafluorodecane-1-sulfonic acid"[tw] OR "hencosafluorodecanesulphonic acid"[tw] OR "Perfluorodecane sulfonic acid"[tw] OR "EINECS 206-401-9"[tw] OR "Hencosafluoro-1-decanesulfonic acid"[tw] OR "UNII-HAI638LYMV"[tw])
ProQuest	NOFT("Perfluorodecanesulfonic acid" OR "Hencosafluorodecane-1-sulfonic acid" OR "1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-hencosafluoro-" OR "PFDS" OR "1-Decanesulfonic acid, hencosafluoro-" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Hencosafluoro-1-decanesulfonic acid" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,1 0-Hencosafluorodecane-1-sulfonic acid" OR "hencosafluorodecanesulphonic acid" OR "Perfluorodecane sulfonic acid" OR "Hencosafluoro-1-decanesulfonic acid")
PFNS	
Web of Science	("Perfluorononanesulfonic acid" OR "Nonadecafluorononane-1-sulfonic acid" OR "1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-Nonadecafluoro-1-nonanesulfonic acid" OR "PFNS" OR "Nonadecafluoro-1-nonanesulfonic acid")
PubMed	("68259-12-1"[m] OR "Perfluorononanesulfonic acid"[tw] OR "Nonadecafluorononane-1-sulfonic acid"[tw] OR "1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-Nonadecafluoro-1-nonanesulfonic acid"[tw] OR "PFNS"[tw] OR "Nonadecafluoro-1-nonanesulfonic acid"[tw])
ProQuest	NOFT("Perfluorononanesulfonic acid" OR "Nonadecafluorononane-1-sulfonic acid" OR "1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-Nonadecafluoro-1-nonanesulfonic acid" OR "PFNS" OR "Nonadecafluoro-1-nonanesulfonic acid")
PFHpS	
Web of Science	("Perfluoroheptanesulfonic acid" OR "Pentadecafluoroheptane-1-sulfonic acid" OR "1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-" OR "1-Heptanesulfonic acid, pentadecafluoro-" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-Pentadecafluoro-1-heptanesulfonic acid" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-Pentadecafluoroheptane-1-sulfonic acid" OR "1-Perfluoroheptanesulfonic acid" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonic acid" OR "acide 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulfonique" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-Pentadecafluorheptan-1-sulfonsaure" OR "acido 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptano-1-sulfonico" OR "Pentadecafluoro-1-heptanesulfonic acid" OR "PFHpS")
PubMed	("Perfluoroheptanesulfonic acid"[tw] OR "Pentadecafluoroheptane-1-sulfonic acid"[tw] OR "1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-"[tw] OR "375-92-8"[m] OR "1-Heptanesulfonic acid, pentadecafluoro-"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-Pentadecafluoro-1-heptanesulfonic acid"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-Pentadecafluoroheptane-1-sulfonic acid"[tw] OR "1-Perfluoroheptanesulfonic acid"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonic acid"[tw] OR "acide 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulfonique"[tw] OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-Pentadecafluorheptan-1-sulfonsaure"[tw] OR "acido 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptano-1-sulfonico"[tw] OR "Pentadecafluoro-1-heptanesulfonic acid"[tw] OR "PFHpS"[tw] OR "EINECS 206-800-8"[tw])
ProQuest	NOFT("Perfluoroheptanesulfonic acid" OR "Pentadecafluoroheptane-1-sulfonic acid" OR "1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-" OR "1-Heptanesulfonic acid, pentadecafluoro-" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-Pentadecafluoro-1-heptanesulfonic acid" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-Pentadecafluoroheptane-1-sulfonic acid" OR "1-Perfluoroheptanesulfonic acid" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonic acid" OR "acide 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulfonique" OR "1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-Pentadecafluorheptan-1-sulfonsaure" OR "acido 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptano-1-sulfonico" OR "Pentadecafluoro-1-heptanesulfonic acid" OR "PFHpS")
PFPeS	
Web of Science	("Perfluoropentanesulfonic acid" OR "Undecafluoropentane-1-sulfonic acid" OR "1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-" OR "Perfluoropentane-1-sulphonic acid" OR "1-Pentanesulfonic acid, undecafluoro-" OR "Undecafluoropentanesulfonic acid" OR "Undecafluoro-1-pentanesulfonic acid" OR "acide perfluoropentane-1-sulfonique" OR "Perfluoropentan-1-sulfonsaure" OR "acido perfluoropentano-1-sulfonico" OR "1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulfonic acid" OR "PFPeS" OR "1,1,2,2,3,3,4,4,5,5,5-Undecafluoro-1-pentanesulfonic acid")
PubMed	("2706-91-4"[m] OR "Perfluoropentanesulfonic acid"[tw] OR "Undecafluoropentane-1-sulfonic acid"[tw] OR "1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-"[tw] OR "Perfluoropentane-1-sulphonic acid"[tw] OR "1-Pentanesulfonic acid, undecafluoro-"[tw] OR "Undecafluoropentanesulfonic acid"[tw] OR "Undecafluoro-1-pentanesulfonic acid"[tw] OR "acide perfluoropentane-1-sulfonique"[tw] OR "Perfluoropentan-1-sulfonsaure"[tw] OR "acido perfluoropentano-1-sulfonico"[tw] OR "1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulfonic acid"[tw] OR "EINECS 220-301-2"[tw] OR "EC 220-301-2"[tw] OR "PFPeS"[tw] OR "1,1,2,2,3,3,4,4,5,5,5-Undecafluoro-1-pentanesulfonic acid"[tw])

Database	Search Terms
ProQuest	NOFT("Perfluoropentanesulfonic acid" OR "Undecafluoropentane-1-sulfonic acid" OR "1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-" OR "Perfluoropentane-1-sulphonic acid" OR "1-Pentanesulfonic acid, undecafluoro-" OR "Undecafluoropentanesulfonic acid" OR "Undecafluoro-1-pentanesulfonic acid" OR "acide perfluoropentane-1-sulfonique" OR "Perfluoropentan-1-sulfonsaure" OR "acido perfluoropentano-1-sulfonico" OR "1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulfonic acid" OR "PFPeS" OR "1,1,2,2,3,3,4,4,5,5,5-Undecafluoro-1-pentanesulfonic acid")

Table S7: Results of Simple Clustering Keyword Analysis

Cluster	No. of Studies	Keywords
1	584	cancer, review, cell, cells, patients, disease, development, clinical, tumor, treatment, drug, associated, therapeutic, immune, role, research, studies, mechanisms, based, effects
2	397	method, ms, mass, spectrometry, chromatography, mass spectrometry, liquid, acid, using, plasma, liquid chromatography, phase, high, binding, samples, analysis, ion, water, human, tandem
3	239	rats, kg, day, mg, dose, male, mg kg, pfos, mice, liver, exposure, days, female, weight, effects, serum, oral, kg day, toxicity, observed
4	246	birth, prenatal, maternal, 95, ci, pfas, associations, 95 ci, associated, exposure, prenatal exposure, cohort, pregnancy, pfoa, association, age
5	376	exposure, pfos, human, pfoa, water, concentrations, environmental, compounds, pfcs, health, acid, dust, serum, data, studies, levels, chemicals, perfluorinated, effects, sources
6	206	covid, covid 19, 19, sars, cov, sars cov, patients, coronavirus, severe, disease, infection, clinical, respiratory, pandemic, syndrome, 2019, viral, treatment, 19 patients, coronavirus disease
7	294	ng, pfos, pfcs, concentrations, samples, pfoa, perfluorinated, compounds, ml, perfluorinated compounds, water, ng ml, pfcas, detected, pfc, acid, milk, human, exposure, sulfonate
8	265	pfass, pfas, substances, concentrations, serum, pfos, perfluoroalkyl, exposure, substances pfass, pfoa, levels, acid, polyfluoroalkyl, samples, thyroid, perfluoroalkyl substances, polyfluoroalkyl substances, women, associations, blood
9	449	induced, expression, cells, mice, cell, pfos, effects, pfoa, liver, exposure, acid, stress, oxidative, increased, genes, gene, oxidative stress, exposed, toxicity, receptor
10	408	serum, pfoa, 95, ci, pfas, 95 ci, association, associated, associations, pfos, acid, levels, exposure, concentrations

Notes: Cluster numbering is arbitrary. By design, each paper is in only one cluster. Clusters in bold are ones we identified as most likely to have relevant papers.

Evidence Screening

Table S8 shows the full-text screening questions used.

Table S8: Screening questions for full-text screens

Screening Question	Notes
Is the article's full text available in HERO, and is it in English?	• HERO = EPA's Health and Environmental Research Online • If the answer is <i>No</i>, then no additional information is recorded
Is this a relevant study?	Is the study PECO-relevant?
Is the article's supplemental file available in HERO?	NA indicates that the article had no supplemental material
Contains extractable primary data on other PFAS?	• PFAS = per- and poly-fluoroalkyl substances • A marker for data on other PFAS besides the 16 target ones, if database users wish to explore those data further (we do not extract data on PFAS other than the 16 target PFAS) • PFAS abbreviations and full names as given by the study
If so, what other PFAS (as named by author)?	
Contains extractable data on other determinants?	• Options: <i>No; Dust; Drinking water; Demographics/Physiology; Dust and drinking water; Dust and Demographics/Physiology; Dust, Drinking Water, and Demographics/Physiology; Drinking water and Demographics/Physiology</i> • A marker for data on other determinants (correlates) besides the target ones, if database users wish to explore those data further (we do not extract such data)
Funding source	Source of funding/support for the study

For the current paper:

Evidence Screening

Table S9 shows the search terms used in Google Scholar and resulting literature used for the targeted search.

Table S9: Targeted Literature search results relevant to the PFAS dietary sources/pathways (papers from 2019 – 2023)

Search Term	Resulting literature
Food Plant Uptake	Adu, O; Ma, X; Sharma, VK. Bioavailability, hytotoxicity and plant uptake of per-and polyfluoroalkyl substances (PFAS): A review, <i>Journal of Hazardous Materials</i>, 2023, 447, 130805, https://doi.org/10.1016/j.jhazmat.2023.130805. Choi, GH; Lee, DY; Bruce-Vanderpuije, P. <i>et al.</i> Environmental and dietary exposure of perfluorooctanoic acid and perfluorooctanesulfonic acid in the Nakdong River, Korea. <i>Environ Geochem Health</i> 2021, 43, 347–360, https://doi.org/10.1007/s10653-020-00721-0. Costello, MCS; Lee, LS. Sources, Fate, and Plant Uptake in Agricultural Systems of Per- and Polyfluoroalkyl Substances. <i>Curr Pollution Rep</i>, 2020, https://doi.org/10.1007/s40726-020-00168-y. Felizeter, S; Jüriling, H; Kotthoff, M; De Voogt, P; McLachlan, MS. Uptake of perfluorinated alkyl acids by crops: results from a field study, <i>Environ. Sci.: Processes Impacts</i>, 2021, 23, 1158-1170, DOI: 10.1039/D1EM00166C, https://pubs.rsc.org/en/content/articlehtml/2021/em/d1em00166c.

Search Term	Resulting literature
	Ghisi, R; Vamerali, T; Manzetti, S. Accumulation of perfluorinated alkyl substances (PFAS) in agricultural plants: A review, <i>Environmental Research</i> 2019, 169: 326-341, https://doi.org/10.1016/j.envres.2018.10.023. Golovko, O; Kaczmarek, M; Asp, H; Bergstrand, KJ; Ahrens, L; Hultberg, M. Uptake of perfluoroalkyl substances, harmaceuticals, and parabens by oyster mushrooms (<i>Pleurotus ostreatus</i>) and exposure risk in human consumption, <i>Chemosphere</i>, 2022, 291, Part 2, 132898, https://doi.org/10.1016/j.chemosphere.2021.132898. Gu, Q; Wen, Y; Wu, H; Cui, X. Uptake and translocation of both legacy and emerging per- and polyfluorinated alkyl substances in hydroponic vegetables, <i>Science of The Total Environment</i>, 2023, 862, 160684, https://doi.org/10.1016/j.scitotenv.2022.160684. Jiang, T; Zhang, W; Liang, Y. Uptake of individual and mixed per- and polyfluoroalkyl substances (PFAS) by soybean and their effects on functional genes related to nitrification, denitrification, and nitrogen fixation, <i>Science of The Total Environment</i>, 2022, 838, Part 4, 156640, https://doi.org/10.1016/j.scitotenv.2022.156640. Jiao, X; Shi, Q; Gan, J. Uptake, accumulation and metabolism of PFASs in plants and health perspectives: A critical review. <i>Critical Reviews in Environmental Science and Technology</i>, 2020, 51(23), 2745–2776. https://doi.org/10.1080/10643389.2020.1809219. Just, H; Göckener, B; Lämmer, R; Wiedemann-Krantz, L; Stahl, T; Breuer, J; Gassmann, M; Weidemann, E; Bücking, M; Kowalczyk, J. Degradation and Plant Transfer Rates of Seven Fluorotelomer Precursors to Perfluoroalkyl Acids and F-53B in a Soil-Plant System with Maize (<i>Zea mays</i> L.), <i>Journal of Agricultural and Food Chemistry</i>, 2022 70 (29), 8920-8930, DOI: 10.1021/acs.jafc.1c06838, https://pubs.acs.org/doi/full/10.1021/acs.jafc.1c06838. Kim, H; Ekpe, OD; Lee, JH; Kim, DH; Oh, JE. Field-scale evaluation of the uptake of Perfluoroalkyl substances from soil by rice in paddy fields in South Korea, <i>Science of The Total Environment</i>, 2019, 671: 714-721, https://doi.org/10.1016/j.scitotenv.2019.03.240. Lasee, S; Subbiah, S; Deb, Karnjanapiboonwong, A; Payton, P; Anderson, TA. The Effects of Soil Organic Carbon Content on Plant Uptake of Soil Perfluoro Alkyl Acids (PFAAs) and the Potential Regulatory Implications, <u>Special Issue: Understanding Environmental Risk from Exposure to Per- and Polyfluoroalkyl Substances (PFASs)</u>, <i>Environmental Toxicology and Chemistry</i>, 2021, 40(3): 832-845, https://setac.onlinelibrary.wiley.com/doi/abs/10.1002/etc.4786. Lesmeister, L; Lange, FT; Breuer, J; Biegel-Engler, A; Giese, E; Scheurer, M. Extending the knowledge about PFAS bioaccumulation factors for agricultural plants – A review, <i>Science of The Total Environment</i>, 2021, 766, 142640, https://doi.org/10.1016/j.scitotenv.2020.142640. Li, J; Sun, J; Li, P. Exposure routes, bioaccumulation and toxic effects of per- and polyfluoroalkyl substances (PFASs) on plants: A critical review, <i>Environment International</i>, 2022, 158, 106891, https://doi.org/10.1016/j.envint.2021.106891. Liu, S; Liu, Z; Tan, W; Johnson, AC; Sweetman, AJ; Sun, X; Liu, Y; Chen, C; Guo, H; Liu, H; Wan, X; Zhang, L. Transport and transformation of perfluoroalkyl acids, isomer profiles, novel alternatives and unknown precursors from factories to dinner plates in China: New insights into crop bioaccumulation prediction and risk assessment, <i>Environment International</i>, 2023, 172, 107795, https://doi.org/10.1016/j.envint.2023.107795. Liu, Z; Lu, Y; Song, X; Jones, K; Sweetman, AJ; Johnson, AC; Zhang, M; Lu, X; Su, C. Multiple crop bioaccumulation and human exposure of perfluoroalkyl substances around a mega fluorochemical industrial park, China: Implication for planting optimization and food safety, <i>Environment International</i>, 2019, 127: 671-684, https://doi.org/10.1016/j.envint.2019.04.008 0412018332069.

Search Term	Resulting literature
	Maddela, NR; Ramakrishnan, B; Dueñas-Rivadeneira, AA; Venkateswarlu, K; Megharaj, M. Chemicals/materials of emerging concern in farmlands: sources, crop uptake and potential human health risks, <i>Environ. Sci.: Processes Impacts</i>, 2022, 24 (12): 2217-2236, doi: 10.1039/D2EM00322H, http://dx.doi.org/10.1039/D2EM00322H. McDonough, AM; Bird, AW; Freeman, LM; Luciani, MA; Todd, AK. Fate and budget of poly- and perfluoroalkyl substances in three common garden plants after experimental additions with contaminated river water, <i>Environmental Pollution</i>, 2021, 285, 117115, https://doi.org/10.1016/j.envpol.2021.117115. Mroczo, O; Preisendanz, HE; Wilson, C; Mashtare, ML; Elliott, HA; Veith, TL; Soder, KJ; Watson, JE. Spatiotemporal patterns of PFAS in water and crop tissue at a beneficial wastewater reuse site in central Pennsylvania, <i>The Journal of Environmental Quality</i>, 2022, 51(6): 1282-1297, https://access.onlinelibrary.wiley.com/doi/full/10.1002/jeq2.20408. Qi, Y; Cao, H; Pan, W; Wang, C; Liang, Y. The role of dissolved organic matter during Per- and Polyfluorinated Substance (PFAS) adsorption, degradation, and plant uptake: A review, <i>Journal of Hazardous Materials</i>, 2022, 436, 129139, https://doi.org/10.1016/j.jhazmat.2022.129139. Ramírez Carnero, A; Lestido-Cardama, A; Vazquez Loureiro, P; Barbosa-Pereira, L; Rodríguez Bernaldo de Quirós, A; Sendón, R. Presence of Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) in Food Contact Materials (FCM) and Its Migration to Food. <i>Foods</i> 2021, 10, 1443, https://doi.org/10.3390/foods10071443. Scher, DP; Kelly, JE; Huset, CA; Barry, KM; Hoffbeck, RW; Yingling, VL; Messing, RB. Occurrence of perfluoroalkyl substances (PFAS) in garden produce at homes with a history of PFAS-contaminated drinking water, <i>Chemosphere</i>, 2018, 196: 548-555, https://doi.org/10.1016/j.chemosphere.2017.12.179. Scheurer, M; Nödler, K. Ultrashort-chain perfluoroalkyl substance trifluoroacetate (TFA) in beer and tea – An unintended aqueous extraction, <i>Food Chemistry</i>, 2021, 351, 129304, https://doi.org/10.1016/j.foodchem.2021.129304. Surma, M; Sznajder-Katarzyńska, K; Wiczowski, W; Zieliński, H. Assessment of Bioactive Surfactant Levels in Selected Cereal Products. <i>Appl. Sci.</i> 2022, 12, 5242. https://doi.org/10.3390/app12105242. Tefera, YM; Gaskin, S; Mitchell, K; Springer, D; Mills, S; Pisaniello, D. Food grown on fire stations as a potential pathway for firefighters' exposure to per- and poly-fluoroalkyl substances (PFAS), <i>Environment International</i>, 2022, 168, 107455, https://doi.org/10.1016/j.envint.2022.107455. Wang, W; Rhodes, G; Ge, J; Yu, X; Li, H. Uptake and accumulation of per- and polyfluoroalkyl substances in plants, <i>Chemosphere</i>, 2020, 261, 127584, https://doi.org/10.1016/j.chemosphere.2020.127584. Zhang, W; Tran, N; Liang, Y. Uptake of per- and polyfluoroalkyl substances (PFAS) by soybean across two generations, <i>Journal of Hazardous Materials Advances</i>, 2022, 8, 100170, https://doi.org/10.1016/j.hazadv.2022.100170.
Livestock / Dairy / Egg Uptake	Chiumiento, F; Bellocci, M; Ceci, R; D'Antonio, S; De Benedictis, A; Leva, M; Pirito, L; Rosato, R; Scarpone, R; Scortichini, G; Tammaro, G; Diletti, G. A new method for determining PFASs by UHPLC-HRMS (Q-Orbitrap): Application to PFAS analysis of organic and conventional eggs sold in Italy, <i>Food Chemistry</i>, 2023, 401, 134135, https://doi.org/10.1016/j.foodchem.2022.134135. Death, C; Bell, C; Champness, D; Milne, C; Reichman, S; Hagen, T. Per- and polyfluoroalkyl substances (PFAS) in livestock and game species: A review, <i>Science of The Total Environment</i>, 2021, 774, 144795, https://doi.org/10.1016/j.scitotenv.2020.144795.

Search Term	Resulting literature
	Drew, R; Hagen, T G; Champness, D. Accumulation of PFAS by livestock – determination of transfer factors from water to serum for cattle and sheep in Australia, <i>Food Additives & Contaminants: Part A</i>, 2021, 38(11), 1897–1913. https://doi.org/10.1080/19440049.2021.1942562. Drew, R; Hagen, TG; Champness, D; Sellier, A. Half-lives of several polyfluoroalkyl substances (PFAS) in cattle serum and tissues. <i>Food Additives & Contaminants: Part A</i>, 2021, 39(2), 320–340. https://doi.org/10.1080/19440049.2021.1991004. Fernandes, AR; Lake, IR; Dowding, A; Rose, M; Jones, NR; Petch, R; Smith, F; Panton, S. The potential of recycled materials used in agriculture to contaminate food through uptake by livestock, <i>Science of The Total Environment</i>, 2019, 667: 359-370, https://doi.org/10.1016/j.scitotenv.2019.02.211. Gao, Y; Song, B; He, A; Liu, C; Lu, Y; Li, J; Fu, J; Liang, Y; Wang, Y. Isomer-specific perfluoroalkyl acids accumulation, excretion and maternal transfer to eggs in chickens around a fluorochemical manufactory in China, <i>Science of The Total Environment</i>, 2023, 865, 161125, https://doi.org/10.1016/j.scitotenv.2022.161125. Gazzotti, T; Sirri, F; Ghelli, E; Zironi, E; Zampiga, M; Pagliuca, G. Perfluoroalkyl contaminants in eggs from backyard chickens reared in Italy, <i>Food Chemistry</i>, 2021, 362, 130178, https://doi.org/10.1016/j.foodchem.2021.130178. Göckener, B; Eichhorn, M; Lämmer, R; Kotthoff, M; Kowalczyk, J; Numata, J; Schafft, H; Lahrssen-Wiederholt, M; Bücking, M. Transfer of Per- and Polyfluoroalkyl Substances (PFAS) from Feed into the Eggs of Laying Hens. Part 1: Analytical Results Including a Modified Total Oxidizable Precursor Assay, <i>Journal of Agricultural and Food Chemistry</i>, 2020, 68 (45), 12527-12538, DOI: 10.1021/acs.jafc.0c04456. Hill, NI; Becanova, J; Lohmann, R. A sensitive method for the detection of legacy and emerging per- and polyfluorinated alkyl substances (PFAS) in dairy milk, <i>Anal Bioanal Chem</i>, 2022, 414, 1235–1243, https://doi.org/10.1007/s00216-021-03575-2. Jha, G; Kankarla, V; McLennon, E; Pal, S; Sihi, D; Dari, B; Diaz, D; Nocco, M. Per- and Polyfluoroalkyl Substances (PFAS) in Integrated Crop–Livestock Systems: Environmental Exposure and Human Health Risks, <i>Int. J. Environ. Res. Public Health</i>, 2021, 18, 12550. https://doi.org/10.3390/ijerph182312550. Kowalczyk, J; Göckener, B; Eichhorn, M; Kotthoff, M; Bücking, M; Schafft, H; Lahrssen-Wiederholt, M; Numata, J. Transfer of Per- and Polyfluoroalkyl Substances (PFAS) from Feed into the Eggs of Laying Hens. Part 2: Toxicokinetic Results Including the Role of Precursors. <i>Journal of Agricultural and Food Chemistry</i>, 2020, 68 (45), 12539-12548 DOI: 10.1021/acs.jafc.0c04485. Lasters, R; Groffen, T; Eens, M; Coertjens, D; Gebbink, WA; Hofman, J; Bervoets, L. Home-produced eggs: An important human exposure pathway of perfluoroalkylated substances (PFAS), <i>Chemosphere</i>, 2022, 308, Part 1, 136283, https://doi.org/10.1016/j.chemosphere.2022.136283. Liu, Y; Zhang, Q; Li, Y; Hao, Y; Li, J; Zhang, L; Wang, P; Yin, Y; Zhang, S; Li, T; Wang, Y; Dong, S; Wei, S; Zhang, W; Su, X; Li, X. Occurrence of per- and polyfluoroalkyl substances (PFASs) in raw milk and feed from nine Chinese provinces and human exposure risk assessment, <i>Chemosphere</i>, 2022, 300, 134521, https://doi.org/10.1016/j.chemosphere.2022.134521. Lupton, SJ; Smith, DJ; Scholljegerdes, E; Ivey, S; Young, W; Genualdi, S; DeJager, L; Snyder, A; Esteban, E; Johnston, JJ. Plasma and Skin Per- and Polyfluoroalkyl Substance (PFAS) Levels in Dairy Cattle with Lifetime Exposures to PFAS-Contaminated Drinking Water and Feed, <i>Journal of Agricultural and Food Chemistry</i>, 2022, 70 (50), 15945-15954, DOI: 10.1021/acs.jafc.2c06620. Mikkonen, AT; Martin, J; Upton, RN; Barker, AO; Brumley, CM; Taylor, MP; Mackenzie, L; Roberts, MS. Spatio-temporal trends in livestock exposure to per- and polyfluoroalkyl substances (PFAS) inform risk

Search Term	Resulting literature
	assessment and management measures, <i>Environmental Research</i>, 2023, 225, 115518, https://doi.org/10.1016/j.envres.2023.115518. van Asselt, ED; Kowalczyk, J; van Eijkeren, JCH; Zeilmaker, MJ; Ehlers, S; Fürst, P; Lahrssen-Wiederholt, M; van der Fels-Klerx, HJ. Transfer of perfluorooctane sulfonic acid (PFOS) from contaminated feed to dairy milk, <i>Food Chemistry</i>, 2013, 141(2): 1489-1495, https://doi.org/10.1016/j.foodchem.2013.04.035. Wilson, TB; Stevenson, G; Crough, R; de Araujo, J; Fernando, N; Anwar, A; Scott, T; Quinteros, JA; Scott, PC; Archer, MJG. Evaluation of Residues in Hen Eggs After Exposure of Laying Hens to Water Containing Per- and Polyfluoroalkyl Substances. <i>Environ Toxicol Chem</i>, 2021, 40: 735-743, https://doi.org/10.1002/etc.4723. Zafeiraki, E; Costopoulou, D; Vassiliadou, I; Leondiadis, L; Dassenakis, E; Hoogenboom, RALP; van Leeuwen, SPJ. Perfluoroalkylated substances (PFASs) in home and commercially produced chicken eggs from the Netherlands and Greece, <i>Chemosphere</i>, 2016, 144: 2106-2112, https://doi.org/10.1016/j.chemosphere.2015.10.105.
Biosolids and Compost	Bolan, N; Sarkar, B; Vithanage, M; Singh, G; Tsang, DCW; Mukhopadhyay, R; Ramadass, K; Vinu, A; Sun, Y; Ramanayaka, S; Hoang, SA; Yan, Y; Li, Y; Rinklebe, J; Li, H; Kirkham, MB. Distribution, behaviour, bioavailability and remediation of poly- and per-fluoroalkyl substances (PFAS) in solid biowastes and biowaste-treated soil, <i>Environment International</i>, 2021, 155, 106600, https://doi.org/10.1016/j.envint.2021.106600. Borthakur, A; Leonard, J; Koutnik, VS; Ravi, S; Mohanty, SK. Inhalation risks of wind-blown dust from biosolid-applied agricultural lands: Are they enriched with microplastics and PFAS?, <i>Current Opinion in Environmental Science & Health</i>, 2022, 25, 100309, https://doi.org/10.1016/j.coesh.2021.100309. Caniglia, J; Snow, DD; Messer, T; Bartelt-Hunt, SL. Extraction, analysis, and occurrence of per- and polyfluoroalkyl substances (PFAS) in wastewater and after municipal biosolids land application to determine agricultural loading, <i>Frontiers in Water</i>, 2022, 4, 892451, https://experts.nebraska.edu/en/publications/extraction-analysis-and-occurrence-of-per-and-polyfluoroalkyl-sub. Choi, YJ; Lazcano, RK; Yousefi, P; Trim, H; Lee, LS. Perfluoroalkyl Acid Characterization in U.S. Municipal Organic Solid Waste Composts, <i>Environmental Science & Technology Letters</i>, 2019, 6 (6), 372-377, DOI: 10.1021/acs.estlett.9b00280. Johnson, GR. PFAS in soil and groundwater following historical land application of biosolids, <i>Water Research</i>, 2022, 211, 118035, https://doi.org/10.1016/j.watres.2021.118035. Munoz, G; Michaud, AM; Liu, M; Vo Duy, S; Montenach, D; Resseguier, C; Watteau, F; Sappin-Didier, V; Feder, F; Morvan, T; Houot, S; Desrosiers, M; Liu, J; Sauvé, S. Target and Nontarget Screening of PFAS in Biosolids, Composts, and Other Organic Waste Products for Land Application in France, <i>Environmental Science & Technology</i>, 2022, 56 (10), 6056-6068, DOI: 10.1021/acs.est.1c03697. Pepper, IL; Brusseau, ML; Prevatt, FJ; Escobar, BA. Incidence of Pfas in soil following long-term application of class B biosolids, <i>Science of The Total Environment</i>, 2021, 793, 148449, https://doi.org/10.1016/j.scitotenv.2021.148449. Pepper, I; Kelley, C; Brusseau, M. Is PFAS from land applied municipal biosolids a significant source of human exposure via groundwater?, <i>Science of The Total Environment</i>, 2023, 864, 161154, https://doi.org/10.1016/j.scitotenv.2022.161154. Röhler, K; Haluska, AA; Susset, B; Liu, B; Grathwohl, P. Long-term behavior of PFAS in contaminated agricultural soils in Germany, <i>Journal of Contaminant Hydrology</i>, 2021, 241, 103812, https://doi.org/10.1016/j.jconhyd.2021.103812.

Search Term	Resulting literature
	Schaefer, CE; Hooper, J; Modiri-Gharehveran, M; Drennan, DM; Beecher, N; Lee, L. Release of poly- and perfluoroalkyl substances from finished biosolids in soil mesocosms, <i>Water Research</i>, 2022, 217, 118405, https://doi.org/10.1016/j.watres.2022.118405. Semerád, J; Hatasová, N; Grasserová, A; Černá, T; Filipová, A; Hanč, A; Innemanová, P; Pivokonský, M; Cajthaml, T. Screening for 32 per- and polyfluoroalkyl substances (PFAS) including GenX in sludges from 43 WWTPs located in the Czech Republic - Evaluation of potential accumulation in vegetables after application of biosolids, <i>Chemosphere</i>, 2020, 261, 128018, https://doi.org/10.1016/j.chemosphere.2020.128018. Shigei, M; Ahrens, L; Hazaymeh, A; Dalahmeh, SS. Per- and polyfluoroalkyl substances in water and soil in wastewater-irrigated farmland in Jordan, <i>Science of The Total Environment</i>, 2020, 716, 137057, https://doi.org/10.1016/j.scitotenv.2020.137057. Sivaram, AK; Lee, E; Curnow, A; Surapaneni, A; Kannan, K; Megharaj, M. Uptake, accumulation, and toxicity of per- and polyfluoroalkyl substances in <i>Allium cepa</i> grown in soils amended with biosolids, <i>Environmental Challenges</i>, 2023, 10, 100670, https://doi.org/10.1016/j.envc.2022.100670.
Agro-Chemicals / Fertilizers	Lasee, S; McDermett, K; Kumar, N; Guelfo, J; Payton, P; Yang, Z; Anderson, TA. Targeted analysis and Total Oxidizable Precursor assay of several insecticides for PFAS, <i>Journal of Hazardous Materials Letters</i>, 2022, 3, 100067, https://doi.org/10.1016/j.hazl.2022.100067. Ogawa, Y; Tokunaga, E; Kobayashi, O; Hirai, K; Shibata, N. Current Contributions of Organofluorine Compounds to the Agrochemical Industry, <i>iScience</i>, 2020, 23(9), 101467, https://doi.org/10.1016/j.isci.2020.101467. Sivaram, AK; Panneerselvam, L; Surapaneni, A; Lee, E; Kannan, K; Megharaj, M. Per- and polyfluoroalkyl substances (PFAS) in commercial composts, garden soils, and potting mixes of Australia, <i>Environmental Advances</i>, 2022, 7, 100174, https://doi.org/10.1016/j.envadv.2022.100174. Wang, X; Zhang, W; Lamichhane, S. <i>et al.</i> Effects of physicochemical properties and co-existing zinc agrochemicals on the uptake and phytotoxicity of PFOA and GenX in lettuce. <i>Environ Sci Pollut Res</i>, 2023, 30, 43833–43842, https://doi.org/10.1007/s11356-023-25435-5.
Farm Waste Use/Reuse	van Asselt, ED; Arrizabalaga-Larrañaga, A; Focker, M; Berendsen, BJA; van de Schans, MGM; van der Fels-Klerx, HJ. Chemical food safety hazards in circular food systems: a review. <i>Critical Reviews in Food Science and Nutrition</i>, 2022, 63(30), 10319–10331. https://doi.org/10.1080/10408398.2022.2078784.
Fish / Seafood / Wildlife	Abafe, OA; Macheka, LR; Abafe, OT; Chokwe, TB. Concentrations and human exposure assessment of per and polyfluoroalkyl substances in farmed marine shellfish in South Africa, <i>Chemosphere</i>, 2021, 281, 130985, https://doi.org/10.1016/j.chemosphere.2021.130985. Bangma, J; Guillette, TC; Bommarito, PA; Ng, C; Reiner, JL; Lindstrom, AB; Strynar, MJ. Understanding the dynamics of physiological changes, protein expression, and PFAS in wildlife, <i>Environment International</i>, 2022, 159, 107037, https://doi.org/10.1016/j.envint.2021.107037. Barbo, N; Stoiber, T; Naidenko, OV; Andrews, DQ. Locally caught freshwater fish across the United States are likely a significant source of exposure to PFOS and other perfluorinated compounds, <i>Environmental Research</i>, 2023, 220, 115165, https://doi.org/10.1016/j.envres.2022.115165. Barhoumi, B; Sander, SG; Driss, MR; Tolosa, I. Survey of legacy and emerging per- and polyfluorinated alkyl substances in Mediterranean seafood from a North African ecosystem, <i>Environmental Pollution</i>, 2022, 292, Part B, 118398, https://doi.org/10.1016/j.envpol.2021.118398. George, SE; Baker, TR; Baker, BB. Nonlethal detection of PFAS bioaccumulation and biomagnification within fishes in an urban- and wastewater-dominant Great Lakes watershed, <i>Environmental Pollution</i>, 2023, 321, 121123, https://doi.org/10.1016/j.envpol.2023.121123.

Search Term	Resulting literature
	Guckert, M; Rupp, J; Nürenberg, G; Nödler, K; Koschorreck, J; Berger, U; Drost, W; Siebert, U; Wibbelt, G; Reemtsma, T. Differences in the internal PFAS patterns of herbivores, omnivores and carnivores - lessons learned from target screening and the total oxidizable precursor assay, <i>Science of The Total Environment</i>, 2023, 875, 162361, https://doi.org/10.1016/j.scitotenv.2023.162361. Kaboré, HA; Goeury, K; Desrosiers, M; Vo Duy, S; Liu, J; Cabana, G; Munoz, G; Sauvé, S. Novel and legacy per- and polyfluoroalkyl substances (PFAS) in freshwater sporting fish from background and firefighting foam impacted ecosystems in Eastern Canada, <i>Science of The Total Environment</i>, 2022, 816, 151563, https://doi.org/10.1016/j.scitotenv.2021.151563. Langberg, HA; Hale, SE; Breedveld, GD; Jenssen, BM; Jartun, M. A review of PFAS fingerprints in fish from Norwegian freshwater bodies subject to different source inputs, <i>Environ. Sci.: Processes Impacts</i>, 2022, 24, 330-342 https://pubs.rsc.org/en/content/articlehtml/2022/em/d1em00408e. Liu, M; Nordstrom, M; Forand, S; Lewis-Michl, E; Wattigney, WA; Kannan, K; Wang, W; Irvin-Barnwell, E; Hwang, SA. Assessing exposures to per- and polyfluoroalkyl substances in two populations of Great Lakes Basin fish consumers in Western New York State, <i>International Journal of Hygiene and Environmental Health</i>, 2022, 240, 113902, https://doi.org/10.1016/j.ijheh.2021.113902. Pickard, HM; Ruyle, BJ; Thackray, CP; Chovancova, A; Dassuncao, C; Becanova, J; Vojta, S; Lohmann, R; Sunderland, EM. PFAS and Precursor Bioaccumulation in Freshwater Recreational Fish: Implications for Fish Advisories, <i>Environmental Science & Technology</i>, 2022, 56 (22), 15573-15583, DOI: 0.1021/acs.est.2c03734. Point, AD; Holsen, TM; Fernando, S; Hopke, PK; Crimmins, BS. Trends (2005–2016) of perfluoroalkyl acids in top predator fish of the Laurentian Great Lakes, <i>Science of The Total Environment</i>, 2021, 778, 146151, https://doi.org/10.1016/j.scitotenv.2021.146151. Rüdel, H; Radermacher, G; Fliedner, A; Lohmann, N; JKoschorreck, J; Duffek, A. Tissue concentrations of per- and polyfluoroalkyl substances (PFAS) in German freshwater fish: Derivation of fillet-to-whole fish conversion factors and assessment of potential risks, <i>Chemosphere</i>, 2022, 292, 133483, https://doi.org/10.1016/j.chemosphere.2021.133483. Ruffle, B; Vedagiri, U; Bogdan, D; Maier, M; Schwach, C; Murphy-Hagan, C. Perfluoroalkyl Substances in U.S. market basket fish and shellfish, <i>Environmental Research</i>, 2020, 190, 109932, https://doi.org/10.1016/j.envres.2020.109932. Stahl, LL; Snyder, BD; McCarty, HB; Kincaid, TM; Olsen, AR; Cohen, TR; Healey, JC. Contaminants in fish from U.S. rivers: Probability-based national assessments, <i>Science of The Total Environment</i>, 2023, 861, 160557, https://doi.org/10.1016/j.scitotenv.2022.160557. Torres, FG; De-la-Torre, GE. Per- and polyfluoroalkyl substances (PFASs) in consumable species and food products. <i>J Food Sci Technol</i>, 2023, 60: 2319–2336, https://doi.org/10.1007/s13197-022-05545-7. Young, W; Wiggins, S; Limm, W; Fisher, CM; DeJager, L; Genualdi, S. Analysis of Per- and Poly(fluoroalkyl) Substances (PFASs) in Highly Consumed Seafood Products from U.S. Markets <i>Journal of Agricultural and Food Chemistry</i>, 2022, 70 (42), 13545-13553, DOI: 10.1021/acs.jafc.2c04673.
U.S. Total Diet Study	Genualdi, S; Beekman, J; Carlos, K; et al. Analysis of per- and poly-fluoroalkyl substances (PFAS) in processed foods from FDA's Total Diet Study. <i>Anal Bioanal Chem</i>, 2022, 414: 1189–1199 https://doi.org/10.1007/s00216-021-03610-2. Genualdi, S; Young, W; DeJager, L; Begley, T. Method Development and Validation of Per- and Polyfluoroalkyl Substances in Foods from FDA's Total Diet Study Program, <i>Journal of Agricultural and Food Chemistry</i>, 2021, 69 (20): 5599-5606, DOI: 10.1021/acs.jafc.1c01777.

Search Term	Resulting literature
Packaging / Processing	Barhoumi, B; Sander, SG; Tolosa, I. A review on per- and polyfluorinated alkyl substances (PFASs) in microplastic and food-contact materials, <i>Environmental Research</i>, 2022, 206, 112595, https://doi.org/10.1016/j.envres.2021.112595. Curtzwiler, GW; Silva, P; Hall, A; Ivey, A; Vorst, K. Significance of Perfluoroalkyl Substances (PFAS) in Food Packaging, <i>Integrated Environmental Assessment and Management</i>, 2021, 17(1): 7-12, https://setac.onlinelibrary.wiley.com/doi/full/10.1002/ieam.4346. Glenn, G; Shogren, R; Jin, X; Orts, W; Hart-Cooper, W; Olson, L. Per- and polyfluoroalkyl substances and their alternatives in paper food packaging (Review), <i>Comprehensive Reviews in Food Science and Food Safety</i>, 2021, 20(3): 2596-2625, https://doi.org/10.1111/1541-4337.12726. Lerch, M; Fengler, R; Mbog, GR; Hoang Nguyen, K; Granby, K. Food simulants and real food – What do we know about the migration of PFAS from paper based food contact materials?, <i>Food Packaging and Shelf Life</i>, 2023, 35, 100992, https://doi.org/10.1016/j.fpsl.2022.100992. Lerch, M; Hoang Nguyen, K; Granby, K. Is the use of paper food contact materials treated with per- and polyfluorinated alkyl substances safe for high-temperature applications? – Migration study in real food and food simulants, <i>Food Chemistry</i>, 2022, 393, 133375, https://doi.org/10.1016/j.foodchem.2022.133375. Minet, L; Wang, Z; Shalin, A; Bruton, TA; Blum, A; Peaslee, GF; Schwartz-Narbonne, H; Venier, M; Whitehead, H; Wu, Y; Diamond, ML. Use and release of per- and polyfluoroalkyl substances (PFASs) in consumer food packaging in U.S. and Canada, <i>Environ. Sci.: Processes Impacts</i>, 2022, 24, 2032-2042, https://pubs.rsc.org/en/content/articlehtml/2022/em/d2em00166g. Miralles, P; Beser, MI; Sanchís, Y; Yus, V; Coscolla, C. Determination of 21 per- and poly-fluoroalkyl substances in paper- and cardboard-based food contact materials by ultra-high performance liquid chromatography coupled to high resolution mass spectrometry, <i>Anal. Methods</i>, 2023, 15, 1559, https://pubs.rsc.org/en/content/articlehtml/2023/ay/d3ay00083d. Monge Brenes, A L; Curtzwiler, G; Dixon, P; Harrata, K; Talbert, J; Vorst, K. PFOA and PFOS levels in microwave paper packaging between 2005 and 2018. <i>Food Additives & Contaminants: Part B</i>, 2019, 12(3), 191–198. https://doi.org/10.1080/19393210.2019.1592238. Piva, E; Fais, P; Ioime, P; Forcato, M; Viel, G; Cecchetto, G; Pascali, JP. Per- and polyfluoroalkyl substances (PFAS) presence in food: Comparison among fresh, frozen and ready-to-eat vegetables, <i>Food Chemistry</i>, 2023, 410, 135415, https://doi.org/10.1016/j.foodchem.2023.135415. Schultes, L; Peaslee, GF; Brockman, JD; Majumdar, A; McGuinness, SR; Wilkinson, JT; Sandblom, O; Ngwenyama, RA; Benskin, JP. Total Fluorine Measurements in Food Packaging: How Do Current Methods Perform? <i>Environmental Science & Technology Letters</i>, 2019, 6 (2): 73-78 DOI: 10.1021/acs.estlett.8b00700, https://pubs.acs.org/doi/full/10.1021/acs.estlett.8b00700. Susmann, HP; Schaidler, LA; Rodgers, KM; Rudel, RA. Dietary Habits Related to Food Packaging and Population Exposure to PFASs, <i>Environ. Health Perspect.</i> 2019, 127, 107003, https://ehp.niehs.nih.gov/doi/full/10.1289/EHP4092. Timshina, A; Aristizabal-Henao, JJ; Da Silva, BF; Bowden, JA. The last straw: Characterization of per- and polyfluoroalkyl substances in commercially-available plant-based drinking straws, <i>Chemosphere</i>, 2021, 277, 130238, https://doi.org/10.1016/j.chemosphere.2021.130238. Zabaleta, I; Blanco-Zubiaguirre, L; Nilsu Baharli, E; Olivares, M; Prieto, A; Zuloaga, O; Elizalde, MP. Occurrence of per- and polyfluorinated compounds in paper and board packaging materials and migration to food simulants and foodstuffs, <i>Food Chemistry</i>, 2020, 321, 126746, https://doi.org/10.1016/j.foodchem.2020.126746.

Search Term	Resulting literature
Cooking Effects	Sun, Q; Zhang, J; Wang, T; Xiong, Y; Zhan, X; Zhao, H; Wang, J; Fan, Y; Bi, R; Wang, S; Hong, S; Seong Khim, J. Cooking methods effectively alter perfluoroalkyl substances and nutrients in cultured and wild bullfrogs, <i>Journal of Hazardous Materials</i>, 2023, 445, 130555, https://doi.org/10.1016/j.jhazmat.2022.130555. Taylor, MD; Nilsson, S; Bräunig, J; Bowles, KC; Cole, V; Moltschaniwskyj, NA; Mueller, JF. Do conventional cooking methods alter concentrations of per- and polyfluoroalkyl substances (PFASs) in seafood?, <i>Food and Chemical Toxicology</i>, 2019, 127: 280-287, https://doi.org/10.1016/j.fct.2019.03.032. Vendl, C; Pottier, P; Taylor, MD; Bräunig, J; Gibson, MJ; Hesselson, D; Neely, GG; Lagisz, M; Nakagawa, S. Thermal processing reduces PFAS concentrations in blue food – A systematic review and meta-analysis, <i>Environmental Pollution</i>, 2022, 304, 119081, https://doi.org/10.1016/j.envpol.2022.119081.
Modeling	Brown, JB; Conder, JM; Arblaster, JA; Higgins, CP. Assessing Human Health Risks from Per- and Polyfluoroalkyl Substance (PFAS)-Impacted Vegetable Consumption: A Tiered Modeling Approach, <i>Environmental Science & Technology</i>, 2020, 54 (23), 15202-15214, DOI: 10.1021/acs.est.0c03411. DeJuliannia, A; King, M. Evaluating Plant Uptake Pathways of Chemical Contaminants in State Models for Risk Assessments of Contaminated Urban Gardening Sites, EPA-US-69 Report, https://clu-in.org/conf/tio/Plant-Uptake-Pathways/VFSF-Report-Final-Revision.pdf. Raschke, A; Nejadhashemi, P; Rafiei, V. Overview of Modeling, Applications, and Knowledge Gaps for Integrated Large-Scale PFAS Modeling, <i>Journal of Environmental Engineering</i>, 2022, 148(9), https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29EE.1943-7870.0002033. Sima, MW; Jaffé, PR. A critical review of modeling Poly- and Perfluoroalkyl Substances (PFAS) in the soil-water environment, <i>Science of The Total Environment</i>, 2021, 757, 143793, https://doi.org/10.1016/j.scitotenv.2020.143793.
Miscellaneous	EFSA CONTAM Panel (EFSA Panel on Contaminants in the Food Chain), Schrenk, D; Bignami, M; Bodin, L; Chipman, JK; del Mazo, J; Gras-Kraupp, B; Hogstrand, C; Hoogenboom, LR; Leblanc, JC; Nebbia, CS; Nielsen, E; Ntzani, E; Petersen, A; Sand, S; Vleminckx, C; Wallace, H; Barregård, L; Ceccatelli, S; Cravedi, JP; Halldorsson, TI; Haug, LS; Johansson, N; Knutsen, HK; Rose, M; Roudot, AC; Van Loveren, H; Vollmer, G; Mackay, K; Riolo, F; Schwerdtle, T. Scientific Opinion on the risk to human health related to the presence of perfluoroalkyl substances in food. <i>EFSA Journal</i>, 2020, 18(9): 6223, 391. https://doi.org/10.2903/j.efsa.2020.6223. Eick, SM; Goin, DE; Trowbridge, J. <i>et al.</i> Dietary predictors of prenatal per- and poly-fluoroalkyl substances exposure. <i>J Expo Sci Environ Epidemiol</i>, 2023, 33, 32–39, https://doi.org/10.1038/s41370-021-00386-6. Focker, M; van Asselt, ED; Berendsen, BJA; van de Schans, MGM; van Leeuwen, SPJ; Visser, SM; van der Fels-Klerx, HJ. Review of food safety hazards in circular food systems in Europe, <i>Food Research International</i>, 2022, 158, 111505, https://doi.org/10.1016/j.foodres.2022.111505. Li, X; Liu, Y; Yin, Y; Wang, P; Su, X. Occurrence of some legacy and emerging contaminants in feed and food and their ranking priorities for human exposure, <i>Chemosphere</i>, 2023, 321, 138117, https://doi.org/10.1016/j.chemosphere.2023.138117. Mikolajczyk, S; Warenik-Bany, M; Pajurek, M. Infant formula and baby food as a source of perfluoroalkyl substances for infants, <i>Environmental Pollution</i>, 2023, 317, 120810, https://doi.org/10.1016/j.envpol.2022.120810. Reinhart, DR; Bolyard, SC; Chen, JJ. Fate of Per- and Polyfluoroalkyl Substances in Postconsumer Products during Waste Management, <i>Journal of Environmental Engineering</i>, 2023, 149(4), https://doi.org/10.1061/JOEEDU.EEENG-7060.

Search Term	Resulting literature
	Roth, K; Imran, Z; Liu, W; Petriello, MC. Diet as an Exposure Source and Mediator of Per- and Polyfluoroalkyl Substance (PFAS) Toxicity, <i>Frontiers in Toxicology</i>, 2020, 2, DOI: 10.3389/ftox.2020.601149, https://www.frontiersin.org/articles/10.3389/ftox.2020.601149/full. Seshasayee, SM; Rifas-Shiman, SL; Chavarro, JE; Carwile, JL; Lin, PD; Calafat, AM; Sagiv, SK; Oken, E; Fleisch, AF. Dietary patterns and PFAS plasma concentrations in childhood: Project Viva, USA, <i>Environment International</i>, 2021, 151, 106415, https://doi.org/10.1016/j.envint.2021.106415. Vendl, C; Taylor, MD; Bräunig, J; Gibson, MJ; Hesselson, D; Neely, GG; Lagisz, M; Nakagawa, S. PFAS exposure of humans, animals and the environment: Protocol of an evidence review map and bibliometric analysis, <i>Environment International</i>, 2022, 158, 106973, https://doi.org/10.1016/j.envint.2021.106973. Vorst, KL; Saab, N; Silva, P; Curtzwiler, G; Steketee, A. Risk assessment of per- and polyfluoroalkyl substances (PFAS) in food: Symposium proceedings, <i>Trends in Food Science & Technology</i>, 2021, 116: 1203-1211, https://doi.org/10.1016/j.tifs.2021.05.038. Xing, Y; Li, Q; Chen, X; Huang, B; Ji, L; Zhang, Q; Fu, X; Li, T; Wang, J. PFASs in Soil: How They Threaten Human Health through Multiple Pathways and Whether They Are Receiving Adequate Concern, <i>Journal of Agricultural and Food Chemistry</i>, 2023, 71 (3):1259-1275, DOI: 10.1021/acs.jafc.2c06283, https://pubs.acs.org/doi/full/10.1021/acs.jafc.2c06283. Zhu, Y; Jia, Y; Wang, X; Yi, S; Li, Y; Zhong, W; Zhu, L. Mechanisms Underlying the Impacts of Lipids on the Diverse Bioavailability of Per- and Polyfluoroalkyl Substances in Foods <i>Environmental Science & Technology</i>, 2022, 56 (6): 3613-3622, DOI: 10.1021/acs.est.1c06461.

3.1 Systematic Mapping of Evidence for PFAS Dietary Exposure

Food Group or Food Contact Material			PFAS															Total (Unique Counts)
			PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA		
Food Groups	Bever- ages	Alcohol	1 1	1 1	0 0	0 0	1 1	1 1	1 1	0 0	0 0	0 0	0 0	0 0	0 0	1 1		
		Other (Excl. Milk, Water)	2 3	2 3	0 0	1 1	2 2	0 2	1 1	1 1	0 0	0 1	1 2	0 0	0 1	1 1	2 3	
	Dairy	Grains	4 8	2 7	0 2	0 4	2 6	2 6	2 6	1 6	1 2	1 4	1 4	0 0	1 4	0 2	5 8	
		Milk	10 12	9 12	4 6	1 6	5 8	4 8	0 8	2 8	1 4	1 5	3 5	1 1	3 6	1 4	13 15	
		Other	8 11	9 11	3 5	1 6	4 8	4 8	4 8	5 9	0 2	1 5	2 4	0 0	1 5	0 2	11 11	
		Fats/Oils	4 7	4 7	0 2	0 4	2 6	0 6	1 5	2 6	0 2	0 4	1 4	0 0	0 4	0 2	5 7	
		Fruit	5 8	5 8	1 2	1 4	4 6	3 7	3 6	2 7	0 2	0 3	0 3	0 0	1 3	0 1	6 8	
	Meat and Egg	Vegetables	7 11	9 11	2 5	3 8	4 10	1 10	5 10	2 10	0 3	0 4	1 4	0 1	1 4	1 2	10 11	
		Plant-based Protein Foods	1 4	1 4	1 2	0 4	0 4	0 4	0 4	0 4	1 2	0 2	0 2	0 0	0 2	0 1	3 4	
		Beef	4 8	7 9	0 1	0 4	2 5	3 6	1 5	1 6	0 1	0 2	0 2	0 0	1 2	0 1	9 9	
		Pork	4 8	6 8	1 2	0 4	1 4	1 4	0 4	0 4	0 0	0 1	1 1	0 0	0 1	0 1	7 8	
		Game	0 0	1 1	0 0	0 0	1 1	1 1	0 0	1 1	0 0	0 0	0 0	0 0	0 0	0 0	1 1	
		Other Mammal	1 2	3 3	0 0	0 1	0 1	0 1	0 1	1 2	0 1	0 1	0 1	0 0	0 1	0 0	3 3	
		Poultry	2 6	4 6	0 1	0 4	0 4	1 4	1 4	2 5	0 1	0 2	1 2	0 0	0 2	0 1	5 6	
		Offal	2 4	5 5	0 0	0 3	2 4	2 4	0 4	1 4	0 0	1 1	0 1	0 0	1 1	0 0	5 5	
		Cured Meat	1 2	0 2	0 0	0 2	0 2	0 2	1 2	0 2	0 0	0 0	0 0	0 0	0 0	0 0	2 2	
		Other Meat	1 2	2 2	0 1	0 1	1 2	1 2	0 2	2 2	0 1	0 2	1 2	0 0	1 2	0 1	2 2	
		Egg	3 9	8 11	1 3	0 5	3 6	3 7	1 6	3 7	1 3	1 4	2 5	1 1	2 5	1 3	10 12	
		Freshwater Fish	2 5	8 9	1 1	1 4	4 6	3 5	1 5	3 6	1 1	1 1	1 2	1 1	2 2	1 2	10 10	
		Marine Fish	9 16	14 17	1 5	4 9	3 8	4 11	2 11	2 10	2 6	4 5	4 6	1 2	8 8	4 5	20 21	
		Other Fish	11 13	14 15	2 4	1 8	4 9	4 11	2 10	5 11	1 2	4 6	4 6	1 1	5 7	2 4	18 19	
		Shellfish	3 5	5 6	1 2	1 3	3 3	3 3	0 3	1 3	0 1	1 1	0 1	0 0	1 1	0 0	6 7	
	Mollusk	1 4	2 3	0 2	0 2	0 1	0 2	0 2	0 2	1 3	0 1	1 3	0 1	1 2	1 2	3 6		
	Marine Mammal	2 2	2 2	0 0	0 0	0 0	1 1	0 1	1 1	0 0	0 0	0 0	0 0	0 0	0 0	2 2		
	Offal	1 1	1 1	0 0	0 1	1 1	1 1	1 1	1 1	0 0	1 1	1 1	0 0	1 1	0 0	1 1		
	Plant	1 1	1 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 1		
	Other	3 4	5 6	0 1	1 3	2 4	2 4	1 4	2 4	1 3	2 4	2 4	0 0	2 4	0 2	6 8		
	Snacks / Sweets	Pizza and Fast Food/Takeout Food	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
		Other	10 12	9 12	4 5	4 8	5 8	5 8	4 10	6 11	0 0	0 2	0 2	0 0	0 3	1 2	10 12	
		Microwaved Popcorn	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
		Other	3 4	3 4	0 1	0 1	1 2	0 2	1 2	1 2	0 0	0 1	0 1	0 0	0 1	0 0	4 4	
		Condiments/Sauces	1 2	0 2	1 1	1 2	0 2	0 2	0 2	0 2	0 0	0 0	0 0	0 0	0 0	0 0	1 2	
	Infant Foods	Supplements	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
		Human Milk	13 17	12 16	0 2	0 5	3 10	7 13	1 8	7 12	0 1	1 3	0 2	0 0	1 3	1 1	14 17	
		Infant Formula and Food	2 3	2 3	0 2	0 2	1 3	2 3	0 2	0 2	0 0	0 0	0 0	0 0	0 0	0 0	2 3	
	Food Group Subtotal (Unique Counts)			59 71	65 74	13 19	15 33	28 46	31 53	19 45	30 52	4 10	12 15	12 18	2 4	16 20	10 14	79 82
Food Contact Materials	Food Packaging	Food Packaging	3 6	1 5	2 4	0 3	2 5	1 4	4 4	1 3	0 1	2 3	3 3	0 0	1 3	1 2	7 7	
		Food Preparation/Cooking	4 6	2 3	3 6	1 3	3 6	3 5	4 6	1 3	0 1	2 4	3 4	0 0	2 4	3 4	6 7	
		Food Service	2 5	1 3	1 3	0 1	2 4	2 3	2 3	0 1	0 1	2 3	3 3	0 0	1 3	0 2	4 5	
	Food Contact Materials Subtotal (Unique Counts)			7 10	3 7	4 7	1 4	6 8	5 7	7 7	2 4	0 1	5 5	5 5	0 0	3 5	3 4	11 11
Total (Unique Counts)			66 81	68 81	17 26	16 37	34 54	36 60	26 52	32 56	4 11	17 20	17 23	2 4	19 25	13 18	90 99	

Notes: PFAS = per- and poly-fluoroalkyl substances; Excl. = excluding; see Supplemental Table S1 for full chemical names. The value shading corresponds to the magnitudes of the study counts to the left of the "|": gray spectrum for totals across PFAS and totals across food groups/food contact materials (no shading applied to the total-subtotals or total-totals on the far right); orange spectrum for other values. Totals for the values to the left of the "|" use orange font (no color gradients). Counts of 0 use gray font.

Figure S1. Left of "|": Counts of PECO-relevant studies with detectable or quantifiable occurrence values (as extracted into the Holder et al. 2023 PFAS occurrence database), and right of "|": counts of studies with any occurrence values (or indications that occurrences were below detection or quantification) in the database.

Food Group or Food Contact Material		PFAS															Total (Unique Counts)														
		PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA																
Food Groups	Bever- ages	Alcohol	3	1	1	1	0	0	0	1	0	3	0	0	0	0	0	1	2	0	1	0	0	0	4	2					
		Other (Excl. Milk, Water)	6	1	4	1	0	0	0	0	2	0	0	3	0	1	0	0	0	2	0	0	0	0	9	1					
	Dairy	Grains	1	4	1	5	0	0	1	0	0	3	0	3	1	0	2	4	0	1	0	1	1	4	0	4	11				
		Milk	1	1	2	2	0	0	0	0	0	3	0	0	0	1	1	0	0	0	0	0	0	0	1	6	3				
		Other	1	2	2	7	0	0	0	0	2	2	2	3	1	0	1	0	0	0	2	1	1	0	0	1	8	13			
		Fats/Oils	1	0	1	1	0	0	0	1	1	0	1	0	0	0	1	1	0	0	0	1	1	1	0	0	1	3			
		Fruit	0	0	0	1	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	2			
	Plant-based Protein Foods	Vegetables	4	3	5	4	0	0	2	0	1	2	3	4	0	0	3	1	1	0	1	2	0	0	1	1	4	0	11	8	
			0	1	1	3	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	3	0	2	6		
	Meat and Egg	Beef	2	1	1	1	0	0	0	0	1	1	1	1	0	0	0	1	1	0	0	1	1	0	0	1	1	1	4	1	
		Pork	1	1	0	1	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	1		
		Game	0	0	1	0	0	0	0	0	1	0	2	0	0	0	1	0	0	0	0	0	0	2	0	1	0	2	0		
		Other Mammal	2	0	4	0	0	0	0	0	2	0	2	0	0	0	1	0	0	0	0	1	0	1	0	2	1	0	6	1	
		Poultry	2	2	3	2	0	0	0	0	2	1	4	1	0	1	3	2	1	0	0	0	0	0	1	1	2	0	5	4	
		Offal	1	0	2	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0		
		Cured Meat	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
		Other Meat	2	0	4	1	0	0	0	0	1	1	1	1	0	0	2	1	0	0	0	0	0	0	1	0	0	0	7	1	
		Egg	2	0	5	0	0	0	1	0	2	2	1	1	0	0	2	0	0	1	0	0	1	0	1	0	0	0	9	4	
	Seafood	Freshwater Fish	0	0	3	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	3	0	
		Marine Fish	1	0	3	1	0	0	0	0	2	0	2	1	0	0	1	1	0	0	1	0	0	0	0	2	0	1	6	2	
		Other Fish	6	5	20	1	0	0	0	0	14	2	19	1	0	0	7	0	1	0	4	0	1	0	4	0	13	0	26	6	
		Shellfish	6	0	4	0	0	0	0	0	3	0	9	0	0	0	4	0	1	0	1	0	0	2	0	7	0	1	12	0	
		Mollusk	1	0	1	2	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	1	1	0	1	2	2
		Marine Mammal	0	0	3	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0
		Offal	0	0	3	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0	3	0	
		Plant	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	
	Other	7	2	22	0	1	0	2	0	13	0	16	1	1	0	11	1	0	0	4	0	2	0	7	0	13	1	1	1	29	2
	Mixed Dishes/ Overall Diet	Pizza and Fast Food/Takeout Food	3	0	3	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	4	2
		Other	8	6	9	12	0	0	0	0	4	2	6	3	0	0	10	4	0	0	1	0	1	1	0	2	3	1	0	0	18
	Snacks/ Sweets	Microwaved Popcorn	1	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
		Other	5	1	8	2	0	0	0	0	2	3	5	2	0	0	0	2	1	0	0	1	0	0	0	1	1	2	0	0	12
	Infant Foods	Condiments/Sauces	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Supplements	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0
		Human Milk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Infant Formula and Food	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Food Group Subtotal (Unique Counts)		41	17	59	25	1	0	4	1	34	11	43	14	2	1	35	10	2	1	10	4	6	3	13	3	32	11	3	2	72
Food Contact Materials	Food Packaging	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	Food Preparation/ Cooking	4	1	1	0	0	0	0	0	2	0	3	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	7	1	
	Food Service	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0		
	Food Contact Materials Subtotal (Unique Counts)	5	0	2	0	0	0	0	0	2	0	3	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	8	1	
Total (Unique Counts)		46	18	60	25	1	0	4	1	35	11	45	14	2	1	35	10	2	1	10	4	7	3	13	3	32	11	3	2	74	38

Notes: PFAS = per- and poly-fluoroalkyl substances; Excl. = excluding; see Supplemental Table S1 for full chemical names. The value shading corresponds to the magnitudes of the study counts: gray shading for totals across PFAS and totals across food groups/food contact materials (no shading applied to the total-subtotals or total-totals on the far right); purple shading for individual scenarios of positive correlation; green shading for individual scenarios of negative correlation. Totals use purple font for positive correlations and green font for negative correlations (no color gradients). Counts of 0 use gray font.

Figure S2. Left of “|”: Counts of PECO-relevant studies with significant positive correlations between biomatrix concentrations of individual PFAS and dietary consumption or usage of food contact materials (as extracted into the Holder et al. 2024 PFAS exposure correlates database), and right of “|”: counts of PECO-relevant studies reporting significant negative correlations.

Positive/Negative Correlations Between Biomatrix Levels of PFAS and Dietary Consumption or Usage of Food Contact Material, Study-by-study

In Supplemental Table S10 for each study, PFAS, and Food Group or Food Contact Material, we indicate whether significant positive (▲), significant negative (▼), and/or neutral (◄►, defined as a significant finding of no correlation) correlations were found between biomatrix levels of the PFAS and dietary consumption or usage of food contact material. A positive correlation means that increasing concentrations of PFAS were observed in the biomatrix with increasing dietary consumption or product use, with the opposite true for negative correlations. A combination of these answers is possible if there were different findings for different response levels or different specific correlates within the food group or food contact material. A question mark (“?”) indicates that the authors specified a significant correlation but did not provide the directionality of the correlation. If no significant correlations were found, we indicate that with “—”. A PFAS-correlate scenario without any indicators means that scenario was not examined by that study. The indicators are colored for ease of viewing. A study may be listed more than once within a food group if the study reported results for different countries and/or different survey time periods. Note that the “year” field is the end year of the study’s survey of dietary consumption.

Table S10. Indicators of Positive and Negative Significant Correlations Reported Between Biomatrix Levels of PFAS and Dietary Consumption or Usage of Food Contact Material, by PECO-Relevant Study.

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
Beverages: Alcohol	Antignac et al. (2013)	—	—						—						
	Bjerregaard-Olesen et al. (2016)	▲	—			▲	▲		▲				▲	▲	
	Chang et al. (2020)	—	—			—	—		—					—	—
	Cho et al. (2015)	—	—				—		—						
	Christensen et al. (2016a)	▲	—			—	—		▲				▲	—	
	Dzierlenga et al. (2021)	—	—				—								
	Eom et al. (2014)	—	—												
	Eriksen et al. (2011)	▼	▼												
	Jain (2014)	—	▲				▲		—						
	Lauritzen et al. (2016)	—	—												
	Lien et al. (2013)	—	—				—							—	
	Lin, P.D. et al. (2020)	—	—				—		—						
	Miyashita et al. (2015)	—	—												
	Park et al. (2019)	▲	—				▲		▲						
	Song et al. (2018)	—	—	—	—			—	—			▼			—
	Sun et al. (2018)	—	—			—	—		—						

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
Beverages: Other (Excl. Milk, Water)	Wang et al. (2016)	—	—		—	—	—		—		—			—	
	Yamaguchi et al. (2013)	—	—												
	Averina et al. (2018)	▲	▲			▲	—		▲			—	▲	—	
	Berg et al. (2014)	—	—			—	—		—				—	—	
	Jain (2014)	▲	▼	▼			▲		—						
	Jain (2018)	—	—			—	—		—						
	Ji et al. (2012b)	—	—			—	—		—				—	—	
	Kim et al. (2014)	—	—	—	—	—	—	—	▲		—	—	▲	—	—
	Lee, J.H. et al. (2017)	—	—			▲	—		—						
	Li et al. (2021)	▲	▲		—			—	—			—			
	Lin, P.D. et al. (2020)	▲		—			—		—						
	Lindh et al. (2012)	▲	▲												
	Mamsen et al. (2017)	—	—			—	—							—	
	Seshasayee et al. (2021)	—	—			—	—		—						
	Sun et al. (2018)	—	—			—	—		—						
	Thépaut et al. (2021)					—	—		▲	▲	▲			—	—
	Yang et al. (2019)	▲	▲			—	▲		—					—	—
	Zhou et al. (2019)	—	—		—	—	—		—		—	—		—	
Grains	Bjermo et al. (2013)	—	—			▼	▼		—					▼	
	Dzierlenga et al. (2021)	—	—				—								
	Eriksen et al. (2011)	—	▼												
	Gross et al. (2020)	—	—				—		▼						
	Jain (2014)	—													
	Jain (2018)	—	—			—	—		—						
	Jusko et al. (2016)	—	—												
	Kim et al. (2014)	—	—	—	—	—	—	▲	—	—	—	—	—	—	—
	Lin, P.D. et al. (2020)	▲	▲			—	—		—						
	Liu et al. (2017)	▼	▼			—	—		▼		—	—		—	
	Manzano-Salgado et al. (2016)	—	—				—		—						
	Papadopoulou et al. (2019)	—	—			—	—		—					▼	
	Pirard et al. (2020)	—	—			—	▼		▼						
	Rylander et al. (2009)	—	—			—	—		—				—		
	Seshasayee et al. (2021)	—	—			—	—		—						

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
	Skuladottir et al. (2015)	—	—												
	Sun et al. (2018)	—	—			—	—		—						
	Thépaut et al. (2021)	—	▼		▲	—	—		▲	▼	—	—	▼	—	
	Tian et al. (2018)	—	▼			▼	—		—		▼			▼	
	Wang et al. (2016)	▼	▼		—	▼	▼		—		▼			▼	
	Yamaguchi et al. (2013)	▼	—												
	Yang et al. (2019)	▼	—				—		▲ ▼					▲	
Dairy: Milk	Al-Sheyab et al. (2015)	—	—												
	Han et al. (2018)	—	—		—	—	▲		▲		—	—		—	
	Jain (2014)	▼	▼				▲								
	Jusko et al. (2016)	▲	—												
	Kim et al. (2014)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kim et al. (2019)	—	▼					—	—						▼
	Lee, S. et al. (2017)		—				▲							—	
	Lei et al. (2010)	—	▲												
	Li et al. (2021)	—	—		—			—	—			—			
	Rovira et al. (2019)	—	▲												
	Wang et al. (2016)	—	—		—	—	—		—		—			—	
	Yamaguchi et al. (2013)	—	—												
	Yang et al. (2019)	—	—				—		▼					—	
Dairy: Other	Al-Sheyab et al. (2015)	—	▲												
	Arrebola et al. (2018)	—	—			—	▼		—						
	Brantsæter et al. (2013)	—	—				—		—						
	Colles et al. (2020)						▲								
	Eriksen et al. (2011)	—	▼												
	Gross et al. (2020)	—	—				—		—						
	Jain (2014)		▼				—								
	Jain (2018)	—	—			—	—		—						
	Jusko et al. (2016)	▼	▲ ▼												
	Kim et al. (2014)	—	—	—	—	▼	—	▲	—	—	▼	▲	—	▼	▲
	Kim et al. (2019)						—							▲	▼
	Lee, J.H. et al. (2017)	—	—			—	—		—						
	Lin, P.D. et al. (2020)	▼	▼				▼		—						

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
	Manzano-Salgado et al. (2016)	—	—				—		—						
	Papadopoulou et al. (2019)	—	—				—		—					—	
	Park et al. (2019)	▲	▼				—		▲						
	Rylander et al. (2009)	—	—				—		—				—		
	Seshasayee et al. (2021)	—	—			—	▼		—						
	Skuladottir et al. (2015)	—	—												
	So et al. (2006)	—	—			—	—							—	
	Thépaut et al. (2021)	—	—		—	▲	—		—	—	▼	▼	—	—	
	Wu et al. (2014)	—	—		—	▲	▼	▲	—						
	Yamaguchi et al. (2013)	—	▼												
	Yang et al. (2019)	—	▼				—		—					—	
	Zhou et al. (2019)	—	—		—	—	—		—		—	—		—	
Fats/Oils	Brantsæter et al. (2013)	—	—				—		—						
	Gross et al. (2020)	—	—				—		—						
	Jain (2014)	—	▼						—						
	Jain (2018)	—	—			—	—		—						
	Kim et al. (2014)	▲	▲	—	—	▲	▲	—	▲	▼	▲	▲	—	▲	—
	Lin, P.D. et al. (2020)	—	—				—		—						
	Manzano-Salgado et al. (2016)	—	—				—		—						
	Seshasayee et al. (2021)	—	—			—	—		—						
	Sun et al. (2018)	—	—			—	—		—						
	Thépaut et al. (2021)	—	—		▼	—	—		—	—		—	—	—	
	Yamaguchi et al. (2013)	—	—												
Fruit	Arrebola et al. (2018)	—	—			▲	—		—						
	Berg et al. (2014)	—	—			—	—		—				—	—	
	Dzierlenga et al. (2021)	—	—				—		—						
	Eriksen et al. (2011)	—	—				—		—						
	Gross et al. (2020)	—	—				—		—						
	Halldorsson et al. (2008)	—	▼												
	Jain (2018)	—	—			—	—		▲						
	Lin, P.D. et al. (2020)	—	—				—		—						
	Papadopoulou et al. (2019)	—	—				—		—					—	

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
	Seshasayee et al. (2021)	—	—			—	—		—						
	Skuladottir et al. (2015)	—	—												
	Sun et al. (2018)	—	—			—	—		—						
	Thépaut et al. (2021)	—	—			▼	—					—	—		
	Yamaguchi et al. (2013)	—	—												
	Zhou et al. (2019)	—	—		—	—	—		—		—	—		—	
Vegetables	Arrebola et al. (2018)	—	—			—	—		—						
	Berg et al. (2014)	—	—			—	—		—				—	—	
	Bjermo et al. (2013)	—	—			—	—		—					▼	
	Brantsæter et al. (2013)	—	—				—		—						
	Colles et al. (2020)		▲						▲						
	Dzierlenga et al. (2021)	—	—				—								
	Eriksen et al. (2011)	—	—												
	Gross et al. (2020)	—	—				—		—						
	Halldorsson et al. (2008)	▼	▲ ▼												
	Han et al. (2018)	—	—		▲	—	—		—		—	—		—	
	Jain (2014)						—								
	Jain (2018)	—	—			—	—		—						
	Ji et al. (2012a)	▲	▲			▲	▲		▲		▲		▲	▲	
	Ji et al. (2012b)	▲	—			—	—		—				—	—	
	Kim et al. (2014)	▼	▼	—	—	▼	▼	—	▼	▲	▼	—	▼	▼	—
	Li et al. (2021)	▲	—		—			—	▲			—			
	Lin, P.D. et al. (2020)	—	▼				▼		—						
	Papadopoulou et al. (2019)	—	—				—		—					—	
	Park et al. (2019)	▲	▲				▲ ▼		—						
	Seshasayee et al. (2021)	—	—			—	—		—						
	Skuladottir et al. (2015)	▼	—												
	So et al. (2006)	—	—			—	—							—	
	Sun et al. (2018)	—	—			—	—		—						
	Thépaut et al. (2021)	—	▼		▲	—	▼			—	▼	—		▼	
	Tian et al. (2018)	—	—			▼	—		—		—			▼	
	Wu et al. (2014)	—	—			—	▲		—						
	Yamaguchi et al. (2013)	—	—												

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
Plant-based Protein Foods	Yang et al. (2019)	-	▲				-		-					-	
	Zhou et al. (2019)	-	-		-	-	-		-		-	-		-	
	Arrebola et al. (2018)	-	-			-	-		-						
	Dzierlenga et al. (2021)	-	-				-								
	Jain (2014)	▼													
	Jain (2018)	-	-			-	-		-						
	Li et al. (2021)	-	▼		-			-	-			-			
	Lin, P.D. et al. (2020)	-	-				-		-						
	Liu et al. (2017)	-	▼			-	-		-		-	-		▼	
	Papadopoulou et al. (2019)	-	▼				-		-					-	
	Seshasayee et al. (2021)	-	-			-	-		-						
	Sun et al. (2018)	-	-			▲	▲		-						
	Tian et al. (2018)	-	-			▼	-		-		-			▼	
	Wang et al. (2016)	-	-		-	-	-		-		-			-	
	Yamaguchi et al. (2013)	-	-												
	Yang et al. (2019)	-	▲				-	▲						-	
	Zhou et al. (2019)	-	-		-	-	-		-		-	-		▼	
Meat and Egg: Beef	Berg et al. (2014)	▲	-			-	-		-				-	-	
	Brantsæter et al. (2013)	-	-				-		-						
	Fisher et al. (2016)	-	-						-						
	Fraser et al. (2012)	-	-			-	-		-						
	Jusko et al. (2016)	-	-												
	Kim et al. (2014)	▼	▼	-	-	▲	▼	▲	▼	▲	▼	▲	▼	▼	-
	Ramli et al. (2020)	-	-			-	-		-					▲	
	Sun et al. (2018)	-	-			-	-		-						
	Wu et al. (2014)	▲	▲			-	-		-						
	Yamaguchi et al. (2013)	-	-												
	Yang et al. (2019)	-	-				-		-					-	
Meat and Egg: Pork	Brantsæter et al. (2013)	-	-				-		-						
	Fisher et al. (2016)	-	-						-						
	Jusko et al. (2016)	-	-												
	Kim et al. (2014)	-	-	-	-	-	-	-	▲	-	▲	-	-	-	-
	Sun et al. (2018)	-	-			-	-		-						

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
Meat and Egg: Game	Wu et al. (2014)	▲	—			▲	▲		—						
	Yamaguchi et al. (2013)	▼	▼												
	Averina et al. (2018)		▲			▲	▲		—			—	▲	▲	
	Berg et al. (2014)		—	—			▲	▲				▲		—	
Meat and Egg: Other Mammal	Berg et al. (2014)		▲				—		—				▲	—	
	Eriksen et al. (2011)		—	—											
	Halldorsson et al. (2008)	▲	▲												
	Li et al. (2021)		—	—	—			—	—			▲			
	Lin, H.W. et al. (2020)		—	—	—	—		—	▲		—	—	—	—	
	Liu et al. (2017)		▲			▲	▲		—		—	—		▲	
	Manzano-Salgado et al. (2016)		—	—			—		—						
	Ramli et al. (2020)		—	—			—		—					▼	
	Seshasayee et al. (2021)		—	—			—		—						
	So et al. (2006)		—	—			—		—					—	
	Sun et al. (2018)		—	—			—		—						
	Tian et al. (2018)	▲	▲			▲	▲		—		—			▲	
	Yamaguchi et al. (2013)		—	—											
	Zhou et al. (2019)		—	—	—	—	—		—		—	—		—	
Meat and Egg: Poultry	Eriksen et al. (2011)		—	—											
	Fisher et al. (2016)		—	—					—						
	Fraser et al. (2012)		—	—			—		—						
	Halldorsson et al. (2008)	▼	▼												
	Jain (2014)		—				—		—						
	Jain (2018)		—	—			—		—						
	Jusko et al. (2016)		—	—											
	Kim et al. (2014)	▲	▼	▲	—	▲	▼	▲	▼	▲	—	—	▲	▼	—
	Li et al. (2021)		—	—	—			—	▼			—			
	Lin, P.D. et al. (2020)		—	—			▲		▲						
	Liu et al. (2017)		▲				▲		—		—	—		▲	
	Seshasayee et al. (2021)		—	—			—		—						
	So et al. (2006)		—	—			—		—					—	
	Sun et al. (2018)		—	—			—		—						
	Tian et al. (2018)	▲	▲			▲	▲		—		—			▲	

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
	Wu et al. (2014)	—	—			—	—		▲						
	Yamaguchi et al. (2013)	—	▼												
	Zhou et al. (2019)	—	—		—	—	—		—		—	—		—	
Meat and Egg: Offal	Colles et al. (2020)	▲	▲				▲								
	Jusko et al. (2016)	—	—												
	Li et al. (2021)	—	—		—			—	—			—			
	Tian et al. (2018)	—	▲			▲	▲		—		—			▲	
	Zhou et al. (2019)	—	—		—	—	—		—		—	—		—	
Meat and Egg: Cured Meat	Fisher et al. (2016)	—	—						—						
	Seshasayee et al. (2021)	—	—			—	—		—						
	Sun et al. (2018)	—	—			—	—		—						
	Wu et al. (2014)	—	▲			—	—		—						
	Yamaguchi et al. (2013)	—	—												
Meat and Egg: Other Meat	Arrebola et al. (2018)	—	—			—	—		▲						
	Caserta et al. (2018)	?	—												
	Dzierlenga et al. (2021)	—	—				—								
	Emmett et al. (2006)	▲													
	Haug et al. (2010)	—	▲			▲	▲		—		—		▲	—	
	Jain (2014)	—	▲				—		—						
	Jain (2018)	—	▲			—	—		—						
	Li et al. (2021)	—	—		—			—	—			—			
	Lin, P.D. et al. (2020)	—	—				—		▲						
	Manzano-Salgado et al. (2016)	—	—				—		—						
	Papadopoulou et al. (2019)	—	—				—		—					—	
	Rylander et al. (2009)	—	—				—		—				—		
	Skuladottir et al. (2015)	▲	▲												
	Sun et al. (2018)	—	—			—	—		—						
	Thépaut et al. (2021)	—	—												
	Wu et al. (2014)	—	▼			▼	▼		▼						
	Yamaguchi et al. (2013)	—	—												
	Yang et al. (2019)	—	—				—		—					—	
Meat and Egg: Egg	Arrebola et al. (2018)	—	▲			▼	—		▲						
	Averina et al. (2018)	▲	▲			▲	—		—			—	▲	—	

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
	Brantsæter et al. (2013)	-	-				-		-						
	Colles et al. (2020)		▲				▲ ▼								
	Eriksen et al. (2011)	-	▲												
	Fraser et al. (2012)	-	-			-	-		-						
	Jain (2018)	-	▲			▲	-		-						
	Jusko et al. (2016)	-	-												
	Kim et al. (2014)	-	-	-	-	-	-	-	-		-	▲	-	-	-
	Li et al. (2021)	-	-		▲			-	-			-			
	Lin, P.D. et al. (2020)	-	-				-		-						
	Manzano-Salgado et al. (2016)	-	-				-		-						
	Ramli et al. (2020)	-	-			▼	-		-					-	
	Rovira et al. (2019)	▲	-												
	Seshasayee et al. (2021)	-	-			-	-		-						
	So et al. (2006)	-	-			-	-							-	
	Sun et al. (2018)	-	-			-	-		-						
	Thépaut et al. (2021)	-			-	-			-	▼		-	-		
	Tian et al. (2018)	-	-			-	-		-		-			-	
	Wang et al. (2016)	-	-		-	-	-		-		-			-	
	Yamaguchi et al. (2013)	-	-												
	Yang et al. (2019)	-	-				-	▲						-	
	Zhou et al. (2019)	-	-		-	-	-		-		-	-		-	
Seafood: Freshwater Fish	Christensen et al. (2016a)	-	▲			▲	▲		-			▲		▲	
	Christensen et al. (2017)	-	▲				▲		-					▲	
	Denys et al. (2014)	-	?			?	?	?			-	?		-	
	Wu et al. (2014)	-	▲			-	-		-						
	Yang et al. (2019)	-	-				-		-					-	
	Zhou et al. (2019)	-	-		-	-	-		-		-	-		-	
Seafood: Marine Fish	Christensen et al. (2017)	-	▼				-		▼					▲	
	Kim et al. (2014)	-	▲	-	-	-	▲	-	-	-	▲	-	-	▲	▲
	Pirard et al. (2020)	-	-		▲		-		-						
	Rylander et al. (2009)	-	-				-		-				-		
	Sun et al. (2018)	-	-			-	-		-						
	Wu et al. (2014)	-	▲			▲	▲ ▼	▲							

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
	Yamaguchi et al. (2013)		▲												
	Yang et al. (2019)	▲		—			—		—					—	
	Zhou et al. (2019)		—	—	—	—	—		—		—	—		—	
Seafood: Other Fish	Arrebola et al. (2018)		▲			▲	▲		▲						
	Averina et al. (2018)	▲	▲			▲	▲		▲			▲	▲	▲	
	Bjeremo et al. (2013)		—	—		▲	▲		—					▲	
	Bjorke-Monsen et al. (2020)		▲			▲	▲		—				▲	▲	
	Bloom et al. (2010)		—	—		▲		—	—					▲	
	Christensen et al. (2016a)	▲	▲			▲	▲		▲				▲	▲	
	Christensen et al. (2016b)	▲	▲			▲	▲		▲				▲	▲	
	Christensen et al. (2017)		▲				▲		—					▲	
	Dallaire et al. (2009)		▲												
	Emmett et al. (2006)		—												
	Eriksen et al. (2011)		—	—											
	Falandysz et al. (2006)	?		—			—	—	—		—	—			—
	Fisher et al. (2016)		—	—					—						
	Han et al. (2018)	▲	▲		—	▲	▲		—		▲	—		▲	
	Hansen et al. (2016)		▲				▲		▲						—
	Hölzer et al. (2011)		▲						▲						
	Hu et al. (2018)		—	—			—	—	—						
	Jain (2014)		▲				▲								
	Jain (2018)		—	—		▼		—	—						
	Kim et al. (2019)	▲	▼	▲				—	—						
	Kingsley et al. (2018)		—	—				—	—						
	Lee, J.H. et al. (2017)		▲			▲		—	—						
	Lien et al. (2013)		—	—				—							—
	Lin, P.D. et al. (2020)	▼	▲				▲		▲						
	Liu et al. (2017)		▲			▲	▲		—		▲	—		▲	
	Manzano-Salgado et al. (2016)		—	—				—	—						
	Miyashita et al. (2015)		—	—											
	Papadopoulou et al. (2019)		▲				▲		—					▲	
	Park et al. (2019)	▼		▼			▲		—						
	Richterová et al. (2018)		—	—			▲		—						

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
	Seshasayee et al. (2021)	—	—			—	—		—						
	Skuladottir et al. (2015)	—	—												
	Sun et al. (2018)	—	—			▲	▲		—						
	Susmann et al. (2019)	—	—			▲			—						
	Thépaut et al. (2021)		▲			—	▲			▲	▲	—		▲	
	Tian et al. (2018)	▲	▲			▲	▲		—		▲			▲	
	Wang et al. (2016)		▲		—	▲	▲		—		—			▲	
	Wu et al. (2014)	▼	—			▼	▼		—						
	Yamaguchi et al. (2013)	▼	▲												
Seafood: Shellfish	Christensen et al. (2017)	▲	▲				▲		▲					▲	
	Colles et al. (2020)						▲								
	Haug et al. (2010)	▲	—			▲	▲		▲		▲		▲	▲	
	Haug et al. (2011)	—	—			—			▲				—	▲	
	Hu et al. (2018)						▲		?						
	Kim et al. (2014)	▲	▲	—	—	—	▲	—	▲	▲	—	—	▲	▲	▲
	Liu et al. (2017)	—	—			—	▲		—		—	—		▲	
	Manzano-Salgado et al. (2016)	—	—						—						
	Papadopoulou et al. (2019)	—	—						—					—	
	Pirard et al. (2020)	▲	▲			▲			—						
	Rylander et al. (2009)	—	—						—				—		
	So et al. (2006)	—	—			—								—	
	Susmann et al. (2019)	—	▲			▲	▲		—						
	Tyrrell et al. (2013)						▲								
	Wang et al. (2016)	—	—		—	—			—		—			—	
	Yamaguchi et al. (2013)	—	—												
	Yang et al. (2019)	▲	—				▲		—					▲	
	Zhou et al. (2019)	▲	—		—	—			—		—	—		▲	
Seafood: Mollusk	Christensen et al. (2017)	▲	▲				▲		—					▲	
	Kim et al. (2014)	—	▼	—	—	▼	▼	—	—	▲	—	—	—	▼	▼
	So et al. (2006)	—	—			—								—	
	Yamaguchi et al. (2013)	—	▼												
	Yang et al. (2019)	—	—						—					—	
	Dallaire et al. (2009)		▲												

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
Seafood: Marine Mammal	Hu et al. (2018)		▲			▲	—		—			—	—	▲	
	Weihe et al. (2008)		▲			▲	▲		—		—				
Seafood: Offal	Averina et al. (2018)		▲				—	—		—		—	—	▲	
	Haug et al. (2010)		▲			▲	▲		—		▲		▲	▲	
	Haug et al. (2011)		▲				—	—	—				—		—
Seafood: Plant	Kim et al. (2014)	▲		—	—	—	—	—	—	—	—	—	—	—	—
	Yamaguchi et al. (2013)		—	—											
	Yang et al. (2019)		▲				—		—					—	
Seafood: Other	Antignac et al. (2013)		—	—					—						
	Berg et al. (2014)		▲			▲	▲		—				—	▲	
	Bjeremo et al. (2013)	▲	▲			▲	▲		—					▲	
	Boronow et al. (2019)		—	—			—		—						
	Brantsæter et al. (2013)		—	—					—						
	Dartey et al. (2021)	▲	▲			▲	▲		▲				▲	▲	
	Dassuncao et al. (2018)		▲			▲	▲		▲	—		—	—	▲	
	Dzierlenga et al. (2021)		—	—				—							
	Haug et al. (2010)		▲			▲	▲		▲		▲		▲	▲	
	Hölzer et al. (2008)		▲						—						
	Hu et al. (2018)		▲			▲		—	—			—	▲	▲	
	Ji et al. (2012a)		▲						▲				▲		
	Ji et al. (2012b)		—	—			—	—	—				—	▲	
	Jusko et al. (2016)	▲	▼	▲											
	Kang et al. (2016)		▲					—				—			—
	Kang et al. (2018)		▲				—	—	—					—	
	Kim et al. (2014)		▼	▲	—	▲	▲	▼	—	▲	▼	—	▲	▲	▼
	Li et al. (2021)		▲		▲				—	—		—			
	Lin, P.D. et al. (2020)		—	—			▲		▲						
	Lindh et al. (2012)		▲												
	Long et al. (2015)	▲	▲			▲	▲		▲		▲	▲	▲	▲	
	Manzano-Salgado et al. (2016)		—	—				—	—						
	Motas Guzmàn et al. (2016)	▲													
	Papadopoulou et al. (2019)		▲				▲		—					▲	
	Rylander et al. (2009)		▲					—	—				▲		

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
	Rylander et al. (2010)		▲				▲		—						
	Shu et al. (2018)		▲			▲	▲		—		▲	—		▲	
	So et al. (2006)		—			▲	▲							▲	
	Sun et al. (2018)		—				—	▲							
	Susmann et al. (2019)		▲			▲	▲		—						
	Timmermann et al. (2019)		▲			▲	▲		▲						
	Weihe et al. (2008)		—	—			—		▲		—				
	Yang et al. (2019)	▲		—			—		—					—	
	Zhou et al. (2014)	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲		▲	▲
Mixed Dishes/Overall Diet: Pizza and Fast Food/Takeout Food	Barton et al. (2020)		—	—			—		—				—		
	Boronow et al. (2019)	▲	▲			▲	▲		—						
	Chang et al. (2020)		—	—			—		—						
	Harris et al. (2017)		—	—		—	—		—						
	Hu et al. (2018)		—	—			—		—						
	Kim et al. (2014)		▲		—	—	—	—	▲	▲	—	—	▲	—	▼
	Park et al. (2019)	▲	▲				▼		—						
	Siebenaler et al. (2017)		—	—		—	—	—	—						
	Sun et al. (2018)		—	—		—	—		—						
	Susmann et al. (2019)	▲	—	—		—	—		—						
	Wu et al. (2014)		—	—		—	—		—						
Mixed Dishes/Overall Diet: Other	Arrebola et al. (2018)	▲	▲			▲	—		▲						
	Averina et al. (2018)		—	—			—	▲	▲			—	—	—	
	Barton et al. (2020)		—	—			—		—				—		
	Caserta et al. (2018)	?		▼											
	Colles et al. (2020)							▲	▲						
	Dallaire et al. (2009)			▼											
	Denys et al. (2014)		—?			?	?		—		—	?		—	
	Dzierlenga et al. (2021)		—	—			—								
	Emmett et al. (2006)	▲													
	Eriksen et al. (2011)	▲	▲												
	Gross et al. (2020)		▼	▼			—		▼						
	Halldorsson et al. (2008)	▲	▲												
	Haug et al. (2011)		—	—											

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
	Hölzer et al. (2008)	▲	—						—						
	Hu et al. (2018)		▲				—		▲						
	Jain (2014)		▲ ▼				▲ ▼		▼						
	Jain (2018)		—			—	—		—						
	Ji et al. (2012b)		—			—	—		—				—	▼	
	Jusko et al. (2016)		▼												
	Lee, J.H. et al. (2017)		—			—	—		—						
	Lee, S. et al. (2017)		—				—							▲	
	Lei et al. (2010)	▲	—												
	Li et al. (2021)		—		—			—	—			—			
	Lin, P.D. et al. (2020)	▼	▼				▲		▲						
	Liu et al. (2017)		▲			▲	▲		▲		▲	—		▲	
	Manzano-Salgado et al. (2016)		—				—		—						
	Papadopoulou et al. (2019)		—				—		—						—
	Rylander et al. (2009)		▼				—		—				▼		
	Seshasayee et al. (2021)		—			—	—		—						
	Siebenaler et al. (2017)		—			—	—	—	▲						
	Sjogren et al. (2016)	▲ ▼	▲ ▼			▲	▲		▲			▲ ▼		▲	
	Skuladottir et al. (2015)		—												
	Sun et al. (2018)		▼			—	—		—						
	Susmann et al. (2019)	▲ ▼	▼			▲ ▼	▼		▼						
	Thépaut et al. (2021)		—		—	—	—		—		—	—	▼		
	Wu et al. (2014)		▲			▼	—		▲						
	Yamaguchi et al. (2013)	▼	▼												
	Yang et al. (2019)	▼	▲ ▼				▲ ▼		▲ ▼						—
	Zhou et al. (2019)		—		—	—	—		—		—	—			—
Snacks/Sweets: Microwaved Popcorn	Boronow et al. (2019)		—			—	—		—						
	Chang et al. (2020)		—				—		—						
	Fraser et al. (2012)		—			—	—		—						
	Hu et al. (2018)		▲				—		—						
	Kim et al. (2014)		—			—	—	—	—		—		—	—	—
	Kingsley et al. (2018)		—				—		—						
	Susmann et al. (2019)	▲	▲			—	▲		—						

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
	Wu et al. (2014)	—	▲			—	—		—						
Snacks/Sweets: Other	Berg et al. (2014)	▲	—			▼	—		—				—	▼	
	Dzierlenga et al. (2021)	—	—				—								
	Eriksen et al. (2011)	—	—												
	Gross et al. (2020)	—	—				—		—						
	Halldorsson et al. (2008)	—	▲												
	Jain (2018)	—	—			—	—		—						
	Kim et al. (2014)	▼	▼	—	—	▼	▼	—	▼	▲	▼	—	▼	▼	—
	Lee, S. et al. (2017)	▲	▲				▲							▲	
	Lin, P.D. et al. (2020)	—	▲				—		—						
	Park et al. (2019)	▲	▲				▲	▼		—					
	Pirard et al. (2020)	—	—			▲	—		—						
	Seshasayee et al. (2021)	—	—			—	—		—						
	Sun et al. (2018)	—	▲			—	—		—						
	Susmann et al. (2019)	▲	▲			▲	▲		—						
	Thépaut et al. (2021)	—								—		—			
	Tian et al. (2018)	—	▲			—	▲		—		—			—	
	Wu et al. (2014)	▲	▼			▼	▲		▼						
	Yang et al. (2019)	—	▲				—		—					—	
	Zhou et al. (2019)	—	—		—	—	—		—		—	—		—	
Condiments/Sauces	Seshasayee et al. (2021)	—	—			—	—		—						
	Sun et al. (2018)	—	—			—	—		—						
Supplements	Averina et al. (2018)	—	▲			—	—		—			—	—	—	
	Brantsæter et al. (2013)	—	—			—	▲		—						
	Lee, J.H. et al. (2017)	—	—			—	—	▲							
	Lien et al. (2013)	—	—				—							—	
	Rylander et al. (2010)	—	—				—		—			—	—		
Food Packaging	Eom et al. (2014)	▲	▲												
	Lien et al. (2013)	—	—				—							—	
Food Preparation/Cooking	Al-Sheyab et al. (2015)	—	—												
	Boronow et al. (2019)	—	—			—	—		—						
	Eom et al. (2014)	?	?												
	Fisher et al. (2016)	▲	—						—						
	Hu et al. (2018)	—	—				—	▲							

Food Group or Food Contact Material	Study	PFOA	PFOS	PFBA	PFBS	PFDA	PFNA	PFHxA	PFHxS	PFDS	PFDoA	PFHpA	PFHpS	PFUdA	PFPeA
	Kang et al. (2016)	▲	—					—				▲			—
	Kang et al. (2018)	▲	▲			▲	▲		—					—	
	Kim et al. (2014)		—	—	—	▲	▲	—	—	—	—	—	▲	—	—
	Kingsley et al. (2018)		—	—				—	—						
	Lee, J.H. et al. (2017)	▲ ▼	—			—	—		—						
	Ramli et al. (2020)		—	—		—	▲		—					—	
	Wu et al. (2014)		—	—		—	—		—						
Food Service	Eom et al. (2014)	▲	—												
	Hu et al. (2018)		—	—			—		—						
	Lee, J.H. et al. (2017)	▲	—			—	—		—						

Note: see Supplemental Table S1 for full chemical names. ▲ indicates a positive significant correlation was found between levels of that PFAS in a human biomatrix and that food group correlate, for at least one response level for at least one specific type of that food; ▼ indicates a negative significant correlation was found; ◀▶ indicates there was a significant finding of no correlation; “?” indicates there was a significant finding but the directionality of the correlation was not specified; and, — indicates the study did not find any significant correlations (or significance was not specified). It is possible to have one or more of the ▲, ▼, and ◀▶ indicators in a single cell of the table if the study found different results for different reference levels and/or different specific types of that food. The indicators are colored for ease of viewing. “Year” refers to the end year of the dietary survey.

References for the Correlate Studies Listed Above in Table S10

Arrebola, JP; Castaño, A; Esteban, M; Bartolomé, M; Pérez-Gómez, B; Ramos, JJ; BIOAMBIENT.ES. (2018). Differential contribution of animal and vegetable food items on persistent organic pollutant serum concentrations in Spanish adults. Data from BIOAMBIENT.ES project. Science of the Total Environment. 634: 235-242. <http://dx.doi.org/10.1016/j.scitotenv.2018.03.283>.

Averina, M; Brox, J; Huber, S; Furberg, AS. (2018). Perfluoroalkyl substances in adolescents in northern Norway: Lifestyle and dietary predictors. The Tromsø study, Fit Futures 1. Environment International. 114: 123-130. <http://dx.doi.org/10.1016/j.envint.2018.02.031>.

Barton, KE; Starling, AP; Higgins, CP; Mcdonough, CA; Calafat, AM; Adgate, JL. (2020). Sociodemographic and behavioral determinants of serum concentrations of per- and polyfluoroalkyl substances in a community highly exposed to aqueous film-forming foam contaminants in drinking water. International Journal of Hygiene and Environmental Health. 223: 256-266. <http://dx.doi.org/10.1016/j.ijheh.2019.07.012>.

Berg, V; Nøst, TH; Huber, S; Rylander, C; Hansen, S; Veyhe, AS; Fuskevåg, OM; Odland, JØ; Sandanger, TM. (2014). Maternal serum concentrations of per- and polyfluoroalkyl substances and their predictors in years with reduced production and use. Environment International. 69: 58-66. <http://dx.doi.org/10.1016/j.envint.2014.04.010>.

Bjermo, H; Darnerud, PO; Pearson, M; Barbieri, HE; Lindroos, AK; Nälsén, C; Lindh, CH; Jönsson, BAG; Glynn, A. (2013). Serum concentrations of perfluorinated alkyl acids and their associations with diet and personal characteristics among Swedish adults. Mol Nutr Food Res. 57: 2206-2215. <http://dx.doi.org/10.1002/mnfr.201200845>.

Bjerregaard-Olesen, C; Bach, CC; Long, M; Ghisari, M; Bech, BH; Nohr, EA; Henriksen, TB; Olsen, J; Bonefeld-Jørgensen, EC. (2016). Determinants of serum levels of perfluorinated alkyl acids in Danish pregnant women. International Journal of Hygiene and Environmental Health. 219: 867-875. <http://dx.doi.org/10.1016/j.ijheh.2016.07.008>.

Bjorke-Monsen, AL; Varsi, K; Averina, M; Brox, J; Huber, S. (2020). Perfluoroalkyl substances (PFASs) and mercury in never-pregnant women of fertile age: association with fish consumption and unfavorable lipid profile. 3: 277-284. <http://dx.doi.org/10.1136/bmjnph-2020-000131>.

Bloom, MS; Kannan, K; Spliethoff, HM; Tao, L; Aldous, KM; Vena, JE. (2010). Exploratory assessment of perfluorinated compounds and human thyroid function. Physiology & Behavior. 99: 240-245. <http://dx.doi.org/10.1016/j.physbeh.2009.02.005>.

Boronow, KE; Brody, JG; Schaidler, LA; Peaslee, GF; Havas, L; Cohn, BA. (2019). Serum concentrations of PFASs and exposure-related behaviors in African American and non-Hispanic white women. Journal of Exposure Science & Environmental Epidemiology. 29: 206-217. <http://dx.doi.org/10.1038/s41370-018-0109-y>.

Brantsæter, AL; Whitworth, KW; Ydersbond, TA; Haug, LS; Haugen, M; Knutsen, HK; Thomsen, C; Meltzer, HM; Becher, G; Sabaredzovic, A; Hoppin, JA; Eggesbø, M; Longnecker, MP. (2013). Determinants of plasma concentrations of perfluoroalkyl substances in pregnant Norwegian women. Environment International. 54: 74-84. <http://dx.doi.org/10.1016/j.envint.2012.12.014>.

- Caserta, D; Pegoraro, S; Mallozzi, M; Di Benedetto, L; Colicino, E; Lionetto, L; Simmaco, M. (2018). Maternal exposure to endocrine disruptors and placental transmission: a pilot study. *Gynecol Endocrinol.* 34: 1-4. <http://dx.doi.org/10.1080/09513590.2018.1473362>.
- Chang, CJ; Ryan, PB; Smarr, MM; Kannan, K; Panuwet, P; Dunlop, AL; Corwin, EJ; Barr, DB. (2020). Serum per- and polyfluoroalkyl substance (PFAS) concentrations and predictors of exposure among pregnant African American women in the Atlanta area, Georgia. *Environmental Research.* 198: 110445. <http://dx.doi.org/10.1016/j.envres.2020.110445>.
- Cho, CR; Lam, NH; Cho, BM; Kannan, K; Cho, HS. (2015). Concentration and correlations of perfluoroalkyl substances in whole blood among subjects from three different geographical areas in Korea. *Science of the Total Environment.* 512-513: 397-405. <http://dx.doi.org/10.1016/j.scitotenv.2015.01.070>.
- Christensen, KY; Raymond, M; Blackowicz, M; Liu, Y; Thompson, BA; Anderson, HA; Turyk, M. (2017). Perfluoroalkyl substances and fish consumption. *Environmental Research.* 154: 145-151. <http://dx.doi.org/10.1016/j.envres.2016.12.032>.
- Christensen, KY; Raymond, M; Thompson, BA; Anderson, HA. (2016a). Perfluoroalkyl substances in older male anglers in Wisconsin. *Environment International.* 91: 312-318. <http://dx.doi.org/10.1016/j.envint.2016.03.012>.
- Christensen, KY; Thompson, BA; Werner, M; Malecki, K; Imm, P; Anderson, HA. (2016b). Levels of persistent contaminants in relation to fish consumption among older male anglers in Wisconsin. *International Journal of Hygiene and Environmental Health.* 219: 184-194. <http://dx.doi.org/10.1016/j.ijheh.2015.11.001>.
- Colles, A; Bruckers, L; Den Hond, E; Govarts, E; Morrens, B; Schettgen, T; Buekers, J; Coertjens, D; Nawrot, T; Loots, I; Nelen, V; De Henauw, S; Schoeters, G; Baeyens, W; van Larebeke, N. (2020). Perfluorinated substances in the Flemish population (Belgium): Levels and determinants of variability in exposure. *Chemosphere.* 242: 125250. <http://dx.doi.org/10.1016/j.chemosphere.2019.125250>.
- Dallaire, R; Ayotte, P; Pereg, D; Déry, S; Dumas, P; Langlois, E; Dewailly, E. (2009). Determinants of plasma concentrations of perfluorooctanesulfonate and brominated organic compounds in Nunavik Inuit adults (Canada). *Environmental Science & Technology.* 43: 5130-5136. <http://dx.doi.org/10.1021/es9001604>.
- Dartey, E; Ellingsen, DG; Berlinger, B; Thomassen, Y; Odland, JØ; Brox, J; Nartey, VK; Yeboah, FA; Huber, S. (2021). Per- and Polyfluoroalkyl Substances in Human Serum Samples of Selected Populations from Ghana. *International Journal of Environmental Research and Public Health.* 18: 1-15. <http://dx.doi.org/10.3390/ijerph18041581>.
- Dassuncao, C; Hu, XC; Nielsen, F; Weihe, P; Grandjean, P; Sunderland, EM. (2018). Shifting global exposures to poly- and perfluoroalkyl substances (PFASs) evident in longitudinal birth cohorts from a seafood-consuming population. *Environmental Science & Technology.* 52: 3738-3747. <http://dx.doi.org/10.1021/acs.est.7b06044>.
- Denys, S; Fraize-Frontier, S; Moussa, O; Le Bizec, B; Veyrand, B; Volatier, JL. (2014). Is the fresh water fish consumption a significant determinant of the internal exposure to perfluoroalkylated substances (PFAS)? *Toxicology Letters.* 231: 233-238. <http://dx.doi.org/10.1016/j.toxlet.2014.07.028>.

- Dzierlenga, MW; Keast, DR; Longnecker, MP. (2021). The concentration of several perfluoroalkyl acids in serum appears to be reduced by dietary fiber. *Environment International*. 146: 106292. <http://dx.doi.org/10.1016/j.envint.2020.106292>.
- Emmett, EA; Shofer, FS; Zhang, H; Freeman, D; Desai, C; Shaw, LM. (2006). Community exposure to perfluorooctanoate: relationships between serum concentrations and exposure sources. *Journal of Occupational and Environmental Medicine*. 48: 759-770. <http://dx.doi.org/10.1097/01.jom.0000232486.07658.74>.
- Eom, J; Choi, J; Kim, J; Kim, Y. (2014). A survey of exposure level and lifestyle factors for perfluorooctanoate and perfluorooctane sulfonate in human plasma from selected residents in Korea. *International Journal of Environmental Research and Public Health*. 11: 7231-7241. <http://dx.doi.org/10.3390/ijerph110707231>.
- Eriksen, KT; Sørensen, M; Mclaughlin, JK; Tjønneland, A; Overvad, K; Raaschou-Nielsen, O. (2011). Determinants of plasma PFOA and PFOS levels among 652 Danish men. *Environmental Science & Technology*. 45: 8137-8143. <http://dx.doi.org/10.1021/es100626h>.
- Falandysz, J; Taniyasu, S; Gulkowska, A; Yamashita, N; Schulte-Oehlmann, U. (2006). Is fish a major source of fluorinated surfactants and repellents in humans living on the Baltic Coast? *Environmental Science & Technology*. 40: 748-751. <http://dx.doi.org/10.1021/es051799n>.
- Fisher, M; Arbuckle, TE; Liang, CL; Leblanc, A; Gaudreau, E; Foster, WG; Haines, D; Davis, K; Fraser, WD. (2016). Concentrations of persistent organic pollutants in maternal and cord blood from the maternal-infant research on environmental chemicals (MIREC) cohort study. *Environmental Health*. 15: 59. <http://dx.doi.org/10.1186/s12940-016-0143-y>.
- Fraser, AJ; Webster, TF; Watkins, DJ; Nelson, JW; Stapleton, HM; Calafat, AM; Kato, K; Shoeib, M; Vieira, VM; McClean, MD. (2012). Polyfluorinated Compounds in Serum Linked to Indoor Air in Office Environments. *Environmental Science & Technology*. 46: 1209-1215. <http://dx.doi.org/10.1021/es2038257>.
- Gross, RS; Ghassabian, A; Vandyousefi, S; Messito, MJ; Gao, C; Kannan, K; Trasande, L. (2020). Persistent organic pollutants exposure in newborn dried blood spots and infant weight status: A case-control study of low-income Hispanic mother-infant pairs. *Environ Pollut*. 267: 115427. <http://dx.doi.org/10.1016/j.envpol.2020.115427>.
- Han, W; Gao, Y; Yao, Q; Yuan, T; Wang, Y; Zhao, S; Shi, R; Bonefeld-Jorgensen, EC; Shen, X; Tian, Y. (2018). Perfluoroalkyl and polyfluoroalkyl substances in matched parental and cord serum in Shandong, China. *Environment International*. 116: 206-213. <http://dx.doi.org/10.1016/j.envint.2018.04.025>.
- Hansen, S; Vestergren, R; Herzke, D; Melhus, M; Evenset, A; Hanssen, L; Brustad, M; Sandanger, TM. (2016). Exposure to per- and polyfluoroalkyl substances through the consumption of fish from lakes affected by aqueous film-forming foam emissions - A combined epidemiological and exposure modeling approach. The SAMINOR 2 Clinical Study. *Environment International*. 94: 272-282. <http://dx.doi.org/10.1016/j.envint.2016.05.030>.
- Harris, MH; Rifas-Shiman, SL; Calafat, AM; Ye, X; Mora, AM; Webster, TF; Oken, E; Sagiv, SK. (2017). Predictors of per- and polyfluoroalkyl substance (PFAS) plasma concentrations in 6-10 year old American

children. *Environmental Science & Technology*. 51: 5193-5204.

<http://dx.doi.org/10.1021/acs.est.6b05811>.

Haug, LS; Huber, S; Becher, G; Thomsen, C. (2011). Characterisation of human exposure pathways to perfluorinated compounds--Comparing exposure estimates with biomarkers of exposure. *Environment International*. 37: 687-693. <http://dx.doi.org/10.1016/j.envint.2011.01.011>.

Hu, XC; Dassuncao, C; Zhang, X; Grandjean, P; Weihe, P; Webster, GM; Nielsen, F; Sunderland, EM. (2018). Can profiles of poly- and Perfluoroalkyl substances (PFASs) in human serum provide information on major exposure sources? *Environmental Health*. 17: 11. <http://dx.doi.org/10.1186/s12940-018-0355-4>.

Jain, RB. (2014). Contribution of diet and other factors to the levels of selected polyfluorinated compounds: data from NHANES 2003-2008. *International Journal of Hygiene and Environmental Health*. 217: 52-61. <http://dx.doi.org/10.1016/j.ijheh.2013.03.008>.

Jain, RB. (2018). Contribution of diet and other factors to the observed levels of selected perfluoroalkyl acids in serum among US children aged 3-11 years. *Environmental Research*. 161: 268-275. <http://dx.doi.org/10.1016/j.envres.2017.11.018>.

Ji, K; Kim, S; Kho, Y; Paek, D; Sakong, J; Ha, J; Kim, S; Choi, K. (2012a). Serum concentrations of major perfluorinated compounds among the general population in Korea: dietary sources and potential impact on thyroid hormones. *Environment International*. 45: 78-85. <http://dx.doi.org/10.1016/j.envint.2012.03.007>.

Ji, K; Kim, S; Kho, Y; Sakong, J; Paek, D; Choi, K. (2012b). Major perfluoroalkyl acid (PFAA) concentrations and influence of food consumption among the general population of Daegu, Korea. *Science of the Total Environment*. 438: 42-48. <http://dx.doi.org/10.1016/j.scitotenv.2012.08.007>.

Kang, H; Lee, HK; Moon, HB; Kim, S; Lee, J; Ha, M; Hong, S; Kim, S; Choi, K. (2018). Perfluoroalkyl acids in serum of Korean children: Occurrences, related sources, and associated health outcomes. *Science of the Total Environment*. 645: 958-965. <http://dx.doi.org/10.1016/j.scitotenv.2018.07.177>.

Kim, DH; Lee, JH; Oh, JE. (2019a). Assessment of individual-based perfluoroalkyl substances exposure by multiple human exposure sources. *Journal of Hazardous Materials*. 365: 26-33. <http://dx.doi.org/10.1016/j.jhazmat.2018.10.066>.

Kim, DH; Lee, JH; Oh, JE. (2019b). Perfluoroalkyl acids in paired serum, urine, and hair samples: Correlations with demographic factors and dietary habits. *Environ Pollut*. 248: 175-182. <http://dx.doi.org/10.1016/j.envpol.2019.02.017>.

Kingsley, SL; Eliot, MN; Kelsey, KT; Calafat, AM; Ehrlich, S; Lanphear, BP; Chen, A; Braun, JM. (2018). Variability and predictors of serum perfluoroalkyl substance concentrations during pregnancy and early childhood. *Environmental Research*. 165: 247-257. <http://dx.doi.org/10.1016/j.envres.2018.04.033>.

Lauritzen, HB; Larose, TL; Øien, T; Odland, JØ; van de Bor, M; Jacobsen, GW; Sandanger, TM. (2016). Factors Associated with Maternal Serum Levels of Perfluoroalkyl Substances and Organochlorines: A Descriptive Study of Parous Women in Norway and Sweden. *PLoS ONE*. 11: e0166127. <http://dx.doi.org/10.1371/journal.pone.0166127>.

- Lee, JH; Lee, CK; Suh, CH; Kang, HS; Hong, CP; Choi, SN. (2017). Serum concentrations of per- and poly-fluoroalkyl substances and factors associated with exposure in the general adult population in South Korea. *International Journal of Hygiene and Environmental Health*. 220: 1046-1054. <http://dx.doi.org/10.1016/j.ijheh.2017.06.005>.
- Lien, GW; Huang, CC; Wu, KY; Chen, MH; Lin, CY; Chen, CY; Hsieh, WS; Chen, PC. (2013). Neonatal-maternal factors and perfluoroalkyl substances in cord blood. *Chemosphere*. 92: 843-850. <http://dx.doi.org/10.1016/j.chemosphere.2013.04.038>.
- Lin, HW; Feng, HX; Chen, L; Yuan, XJ; Tan, Z. (2020a). Maternal exposure to environmental endocrine disruptors during pregnancy is associated with pediatric germ cell tumors. *Nagoya Journal of Medical Science*. 82: 323-333. <http://dx.doi.org/10.18999/nagjms.82.2.323>.
- Lin, PD; Cardenas, A; Hauser, R; Gold, DR; Kleinman, KP; Hivert, MF; Fleisch, AF; Calafat, AM; Sanchez-Guerra, M; Osorio-Yáñez, C; Webster, TF; Horton, ES; Oken, E. (2020b). Dietary characteristics associated with plasma concentrations of per- and polyfluoroalkyl substances among adults with pre-diabetes: Cross-sectional results from the Diabetes Prevention Program Trial. *Environment International*. 137: 105217. <http://dx.doi.org/10.1016/j.envint.2019.105217>.
- Liu, Y; Su, J; van Dam, RM; Prem, K; Hoong, JY; Zou, L; Lu, Y; Ong, CN. (2017). Dietary predictors and plasma concentrations of perfluorinated alkyl acids in a Singapore population. *Chemosphere*. 171: 617-624. <http://dx.doi.org/10.1016/j.chemosphere.2016.12.107>.
- Long, M; Knudsen, AKS; Pedersen, HS; Bonefeld-Jørgensen, EC. (2015). Food intake and serum persistent organic pollutants in the Greenlandic pregnant women: The ACCEPT sub-study. *Science of the Total Environment*. 529: 198-212. <http://dx.doi.org/10.1016/j.scitotenv.2015.05.022>.
- Mamsen, LS; Jönsson, BAG; Lindh, CH; Olesen, RH; Larsen, A; Ernst, E; Kelsey, TW; Andersen, CY. (2017). Concentration of perfluorinated compounds and cotinine in human foetal organs, placenta, and maternal plasma. *Science of the Total Environment*. 596-597: 97-105. <http://dx.doi.org/10.1016/j.scitotenv.2017.04.058>.
- Manzano-Salgado, CB; Casas, M; Lopez-Espinosa, MJ; Ballester, F; Martinez, D; Ibarluzea, J; Santa-Marina, L; Schettgen, T; Vioque, J; Sunyer, J; Vrijheid, M. (2016). Variability of perfluoroalkyl substance concentrations in pregnant women by socio-demographic and dietary factors in a Spanish birth cohort. *Environment International*. 92-93: 357-365. <http://dx.doi.org/10.1016/j.envint.2016.04.004>.
- Miyashita, C; Sasaki, S; Saijo, Y; Okada, E; Kobayashi, S; Baba, T; Kajiwara, J; Todaka, T; Iwasaki, Y; Nakazawa, H; Hachiya, N; Yasutake, A; Murata, K; Kishi, R. (2015). Demographic, behavioral, dietary, and socioeconomic characteristics related to persistent organic pollutants and mercury levels in pregnant women in Japan. *Chemosphere*. 133: 13-21. <http://dx.doi.org/10.1016/j.chemosphere.2015.02.062>.
- Papadopoulou, E; Haug, LS; Sakhi, AK; Andrusaityte, S; Basagaña, X; Brantsaeter, AL; Casas, M; Fernández-Barrés, S; Grazuleviciene, R; Knutsen, HK; Maitre, L; Meltzer, HM; Mceachan, RRC; Roumeliotaki, T; Slama, R; Vafeiadi, M; Wright, J; Vrijheid, M; Thomsen, C; Chatzi, L. (2019). Diet as a Source of Exposure to Environmental Contaminants for Pregnant Women and Children from Six European Countries. *Environmental Health Perspectives*. 127: 107005. <http://dx.doi.org/10.1289/EHP5324>.

- Park, SK; Peng, Q; Ding, N; Mukherjee, B; Harlow, SD. (2019). Determinants of per- and polyfluoroalkyl substances (PFAS) in midlife women: Evidence of racial/ethnic and geographic differences in PFAS exposure. *Environmental Research*. 175: 186-199. <http://dx.doi.org/10.1016/j.envres.2019.05.028>.
- Pirard, C; Dufour, P; Charlier, C. (2020). Background contamination of perfluoroalkyl substances in a Belgian general population. *Toxicology Letters*. 333: 13-21. <http://dx.doi.org/10.1016/j.toxlet.2020.07.015>.
- Poothong, S; Papadopoulou, E; Padilla-Sánchez, JA; Thomsen, C; Haug, LS. (2020). Multiple pathways of human exposure to poly- and perfluoroalkyl substances (PFASs): From external exposure to human blood. *Environment International*. 134: 105244. <http://dx.doi.org/10.1016/j.envint.2019.105244>.
- Ramli, MR; Yoneda, M; Ali Mohd, M; Mohamad Haron, DE; Ahmad, ED. (2020). Level and determinants of serum perfluoroalkyl acids (PFAAs) in a population in Klang Valley, Malaysia. *International Journal of Hygiene and Environmental Health*. 223: 179-186. <http://dx.doi.org/10.1016/j.ijheh.2019.09.005>.
- Richterová, D; Fábelová, L; Patayová, H; Pulkrabová, J; Lanková, D; Rausová, K; Šovčíková, E; Štencl, J; Hajšlová, J; Trnovec, T; Palkovičová Murínová, Ľ. (2018). Determinants of prenatal exposure to perfluoroalkyl substances in the Slovak birth cohort. *Environment International*. 121: 1304-1310. <http://dx.doi.org/10.1016/j.envint.2018.10.051>.
- Rovira, J; Martínez, MÁ; Sharma, RP; Espuis, T; Nadal, M; Kumar, V; Costopoulou, D; Vassiliadou, I; Leondiadis, L; Domingo, JL; Schuhmacher, M. (2019). Prenatal exposure to PFOS and PFOA in a pregnant women cohort of Catalonia, Spain. *Environmental Research*. 175: 384-392. <http://dx.doi.org/10.1016/j.envres.2019.05.040>.
- Seshasayee, SM; Rifas-Shiman, SL; Chavarro, JE; Carwile, JL; Lin, PD; Calafat, AM; Sagiv, SK; Oken, E; Fleisch, AF. (2021). Dietary patterns and PFAS plasma concentrations in childhood: Project Viva, USA. *Environment International*. 151: 106415. <http://dx.doi.org/10.1016/j.envint.2021.106415>.
- Shu, H; Lindh, CH; Wikström, S; Bornehag, CG. (2018). Temporal trends and predictors of perfluoroalkyl substances serum levels in Swedish pregnant women in the SELMA study. *PLoS ONE*. 13: e0209255. <http://dx.doi.org/10.1371/journal.pone.0209255>.
- Siebenaler, R; Cameron, R; Butt, CM; Hoffman, K; Higgins, CP; Stapleton, HM. (2017). Serum perfluoroalkyl acids (PFAAs) and associations with behavioral attributes. *Chemosphere*. 184: 687-693. <http://dx.doi.org/10.1016/j.chemosphere.2017.06.023>.
- Sjogren, P; Montse, R; Lampa, E; Salihovic, S; van Bavel, B; Lind, L; Lind, PM. (2016). Circulating levels of perfluoroalkyl substances are associated with dietary patterns - A cross sectional study in elderly Swedish men and women. *Environmental Research*. 150: 59-65. <http://dx.doi.org/10.1016/j.envres.2016.05.016>.
- Skuladottir, M; Ramel, A; Rytter, D; Haug, LS; Sabaredzovic, A; Bech, BH; Henriksen, TB; Olsen, SF; Halldorsson, TI. (2015). Examining confounding by diet in the association between perfluoroalkyl acids and serum cholesterol in pregnancy. *Environmental Research*. 143: 33-38. <http://dx.doi.org/10.1016/j.envres.2015.09.001>.

- Song, X; Tang, S; Zhu, H; Chen, Z; Zang, Z; Zhang, Y; Niu, X; Wang, X; Yin, H; Zeng, F; He, C. (2018). Biomonitoring PFAAs in blood and semen samples: Investigation of a potential link between PFAAs exposure and semen mobility in China. *Environment International*. 113: 50-54. <http://dx.doi.org/10.1016/j.envint.2018.01.010>.
- Sun, Q; Zong, G; Valvi, D; Nielsen, F; Coull, B; Grandjean, P. (2018). Plasma concentrations of perfluoroalkyl substances and risk of Type 2 diabetes: A prospective investigation among U.S. women. *Environmental Health Perspectives*. 126: 037001. <http://dx.doi.org/10.1289/EHP2619>.
- Susmann, HP; Schaider, LA; Rodgers, KM; Rudel, R. (2019). Dietary Habits Related to Food Packaging and Population Exposure to PFASs. *Environmental Health Perspectives*. 127: 107003. <http://dx.doi.org/10.1289/EHP4092>.
- Thépaut, E; Dirven, HAAM; Haug, LS; Lindeman, B; Poothong, S; Andreassen, M; Hjertholm, H; Husøy, T. (2021). Per- and polyfluoroalkyl substances in serum and associations with food consumption and use of personal care products in the Norwegian biomonitoring study from the EU project EuroMix. *Environmental Research*. 195: 110795. <http://dx.doi.org/10.1016/j.envres.2021.110795>.
- Tian, Y; Zhou, Y; Miao, M; Wang, Z; Yuan, W; Liu, X; Wang, X; Wang, Z; Wen, S; Liang, H. (2018). Determinants of plasma concentrations of perfluoroalkyl and polyfluoroalkyl substances in pregnant women from a birth cohort in Shanghai, China. *Environment International*. 119: 165-173. <http://dx.doi.org/10.1016/j.envint.2018.06.015>.
- Timmermann, CAG; Pedersen, HS; Budtz-Jørgensen, E; Bjerregaard, P; Oulhote, Y; Weihe, P; Nielsen, F; Grandjean, P. (2019). Environmental chemical exposures among Greenlandic children in relation to diet and residence. *International Journal of Circumpolar Health*. 78: 1642090. <http://dx.doi.org/10.1080/22423982.2019.1642090>.
- Tyrrell, J; Melzer, D; Henley, W; Galloway, TS; Osborne, NJ. (2013). Associations between socioeconomic status and environmental toxicant concentrations in adults in the USA: NHANES 2001-2010. *Environment International*. 59: 328-335. <http://dx.doi.org/10.1016/j.envint.2013.06.017>.
- Wang, B; Chen, Q; Shen, L; Zhao, S; Pang, W; Zhang, J. (2016). Perfluoroalkyl and polyfluoroalkyl substances in cord blood of newborns in Shanghai, China: Implications for risk assessment [Review]. *Environment International*. 97: 7-14. <http://dx.doi.org/10.1016/j.envint.2016.10.008>.
- Wu, XM; Bennett, DH; Calafat, AM; Kato, K; Strynar, M; Andersen, E; Moran, RE; Tancredi, DJ; Tulse, NS; Hertz-Picciotto, I. (2014). Serum concentrations of perfluorinated compounds (PFC) among selected populations of children and Adults in California. *Environmental Research*. 136C: 264-273. <http://dx.doi.org/10.1016/j.envres.2014.09.026>.
- Yamaguchi, M; Arisawa, K; Uemura, H; Katsuura-Kamano, S; Takami, H; Sawachika, F; Nakamoto, M; Juta, T; Toda, E; Mori, K; Hasegawa, M; Tanto, M; Shima, M; Sumiyoshi, Y; Morinaga, K; Kodama, K; Suzuki, T; Nagai, M; Satoh, H. (2013). Consumption of seafood, serum liver enzymes, and blood levels of PFOS and PFOA in the Japanese population. *Journal of Occupational Health*. 55: 184-194. <http://dx.doi.org/10.1539/joh.12-0264-OA>.

Yang, J; Wang, H; Du, H; Xu, L; Liu, S; Yi, J; Qian, X; Chen, Y; Jiang, Q; He, G. (2019). Factors associated with exposure of pregnant women to perfluoroalkyl acids in North China and health risk assessment. *Science of the Total Environment*. 655: 356-362. <http://dx.doi.org/10.1016/j.scitotenv.2018.11.042>.

Zhou, W; Zhao, S; Tong, C; Chen, L; Yu, X; Yuan, T; Aimuzi, R; Luo, F; Tian, Y; Zhang, J; study, SBC. (2019). Dietary intake, drinking water ingestion and plasma perfluoroalkyl substances concentration in reproductive aged Chinese women. *Environment International*. 127: 487-494. <http://dx.doi.org/10.1016/j.envint.2019.03.075>.