



This document contains brochures of Wellington Reporters from the year **2019**. We have created a combined file that includes them all for the specified year:

- January 2019 - Reference Fish Tissue & Extract
- February 2019 - Updated U.S. EPA Method 537 Solution/Mixtures
- May 2019 - P44DMHxS Discontinued

**Distributed By**



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**NEW PRODUCTS****Environmental Reference Materials (ERMs):  
Freeze-Dried Fish Tissues & Extract**

In response to customer requests for an expanded selection of certified environmental reference materials (ERMs), Wellington conducted an interlaboratory study in 2018 and was able to characterize three separate fish materials for select persistent organic pollutants (see table below). Certified analyte concentrations were derived using data received from at least 10 analytical laboratories accredited to ISO/IEC 17025 and data were statistically analyzed using the Q-method/Hampel estimator (robust method, ISO 13528:2015). As a result, we are pleased to add WMF-02, WMF-03, and WMF-EX to our product line of Environmental Reference Materials.

	Code	Product	Conc Range	Qty
<b>NEW</b>	<b>WMF-02</b>	<b>Reference "Freeze-Dried" Fish Tissue (Naturally Fortified Salmon; - 27% lipid)</b>		<b>1 x 10g</b>
		Polychlorinated Dibenzo-p-dioxins (PCDDs) and Dibenzofurans (PCDFs)	- 1 pg/g - 15 pg/g	
		WHO/Dioxin-like Polychlorobiphenyls (PCBs)	- 10 pg/g - 25 ng/g	
		Major Polychlorobiphenyls (PCBs)	- ND - 70 ng/g	
		Polybrominated Diphenyl Ethers (PBDEs)	- ND - 15 ng/g	
		Organochlorine Pesticides (OCPs)	- ND - 150 ng/g	
<b>NEW</b>	<b>WMF-03</b>	<b>Reference "Freeze-Dried" Fish Tissue (Low Level Salmon; - 30% lipid)</b>		<b>1 x 10g</b>
		Polychlorinated Dibenzo-p-dioxins (PCDDs) and Dibenzofurans (PCDFs)	- ND - 1 pg/g	
		WHO/Dioxin-like Polychlorobiphenyls (PCBs)	- 1 pg/g - 900 pg/g	
		Major Polychlorobiphenyls (PCBs)	- ND - 1700 pg/g	
		Polybrominated Diphenyl Ethers (PBDEs)	- ND - 2500 pg/g	
		Organochlorine Pesticides (OCPs)	- ND - 10 ng/g	
<b>NEW</b>	<b>WMF-EX</b>	<b>Reference Fish Tissue Extract (Isooctane/20% Salmon Oil)</b>		<b>1 x 3g</b>
		Polychlorinated Dibenzo-p-dioxins (PCDDs) and Dibenzofurans (PCDFs)	- ND - 50 pg/g	
		WHO/Dioxin-like Polychlorobiphenyls (PCBs)	- 20 pg/g - 85 ng/g	
		Major Polychlorobiphenyls (PCBs)	- ND - 250 ng/g	
		Polybrominated Diphenyl Ethers (PBDEs)	- ND - 45 ng/g	
		Organochlorine Pesticides (OCPs)	- ND - 450 ng/g	

For more information regarding certified and reference analyte concentrations for these products, please contact us at [info@well-labs.com](mailto:info@well-labs.com) and request a copy of the Certificates of Analysis.

Quality  
ISO 9001

Distributed Throughout Europe and Middle East By-

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WELLINGTON LABORATORIES

**UPDATED PRODUCTS****U.S. EPA Method 537 Solution/Mixtures**

The U.S. Environmental Protection Agency first published Method 537 in 2009 for the determination of selected perfluorinated alkyl acids in drinking water by solid phase extraction and liquid chromatography/tandem mass spectrometry (LC/MS/MS). This method was modified in November 2018 to include additional target analytes; specifically, HFPO-DA, 9Cl-PF3ONS, 11Cl-PF3OUdS, and NaDONA. In response to these changes, Wellington has updated our ready-to-use Analyte Primary Dilution Standard mixtures as well as the Surrogate Primary Dilution Standard to conform to the updated method.

Please note that the Analyte Primary Dilution Standard is still available in two forms for your convenience (both containing the additional target analytes):

EPA-537PDS-R1 contains all of the native PFAS analytes required by Method 537 with PFHxA, PFOS, N-MeFOSAA, and N-EtFOSAA being present as linear/branched mixtures whereas EPA-537PDSL-R1 contains only linear isomers of the same components.

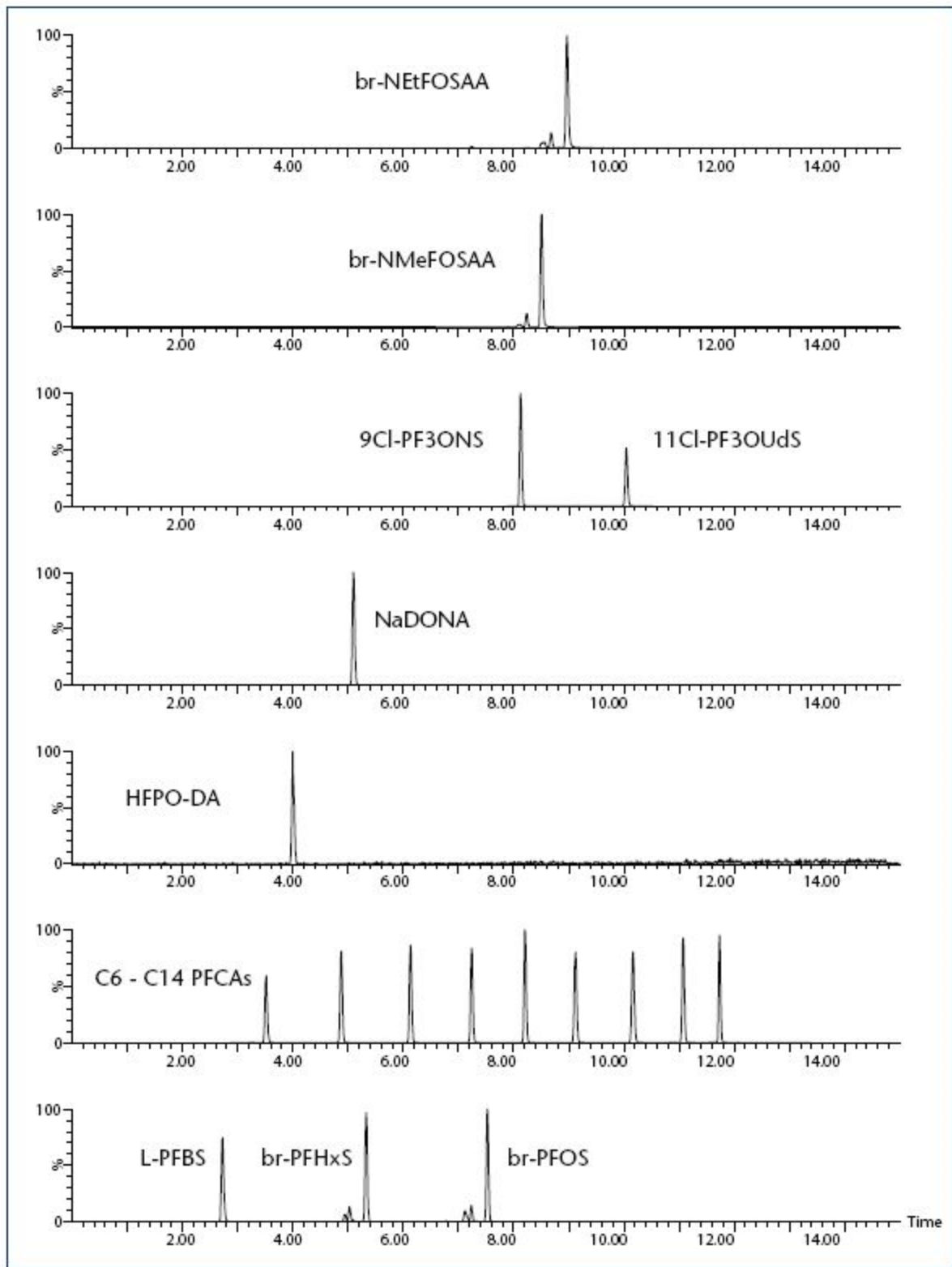
	Catalogue Number	Product (methanol)	Qty	Conc
<b>UPDATED</b>	EPA-537PDS-R1	Analyte Primary Dilution Standard (branched/linear mix) Now includes: HFPO-DA, 9Cl-PF3ONS, 11Cl-PF3OUdS, & NaDONA	1.2 ml	2.0 µg/ml ea
<b>UPDATED</b>	EPA-537PDSL-R1	Analyte Primary Dilution Standard (linear isomers only) Now includes: HFPO-DA, 9Cl-PF3ONS, 11Cl-PF3OUdS, & NaDONA	1.2 ml	2.0 µg/ml ea
<b>UPDATED</b>	EPA-537SS-R1	Surrogate Primary Dilution Standard (SUR PDS)	1.2 ml	
	MPPHxA	Perfluoro-n-[1,2- <sup>13</sup> C <sub>2</sub> ]hexanoic acid		1.0 µg/ml
	MPFDA	Perfluoro-n-[1,2- <sup>13</sup> C <sub>2</sub> ]decanoic acid		1.0 µg/ml
	M3HFPO-DA	2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)- <sup>13</sup> C <sub>3</sub> -propanoic acid		1.0 µg/ml
	d5-N-EtFOSAA	N-ethyl-d <sub>5</sub> -perfluoro-1-octanesulfonamidoacetic acid		4.0 µg/ml
	EPA-537IS	Internal Standard Primary Dilution Standard (IS PDS)	1.2 ml	
	M2PFOA	Perfluoro-n-[1,2- <sup>13</sup> C <sub>2</sub> ]octanoic acid		1.0 µg/ml
	MPFOS	Sodium perfluoro-1-[1,2,3,4- <sup>13</sup> C <sub>4</sub> ]octanesulfonate		3.0 µg/ml
	d3-N-MeFOSAA	N-methyl-d <sub>3</sub> -perfluoro-1-octanesulfonamidoacetic acid		4.0 µg/ml

Please contact your local distributor or [info@well-labs.com](mailto:info@well-labs.com) for pricing and delivery.

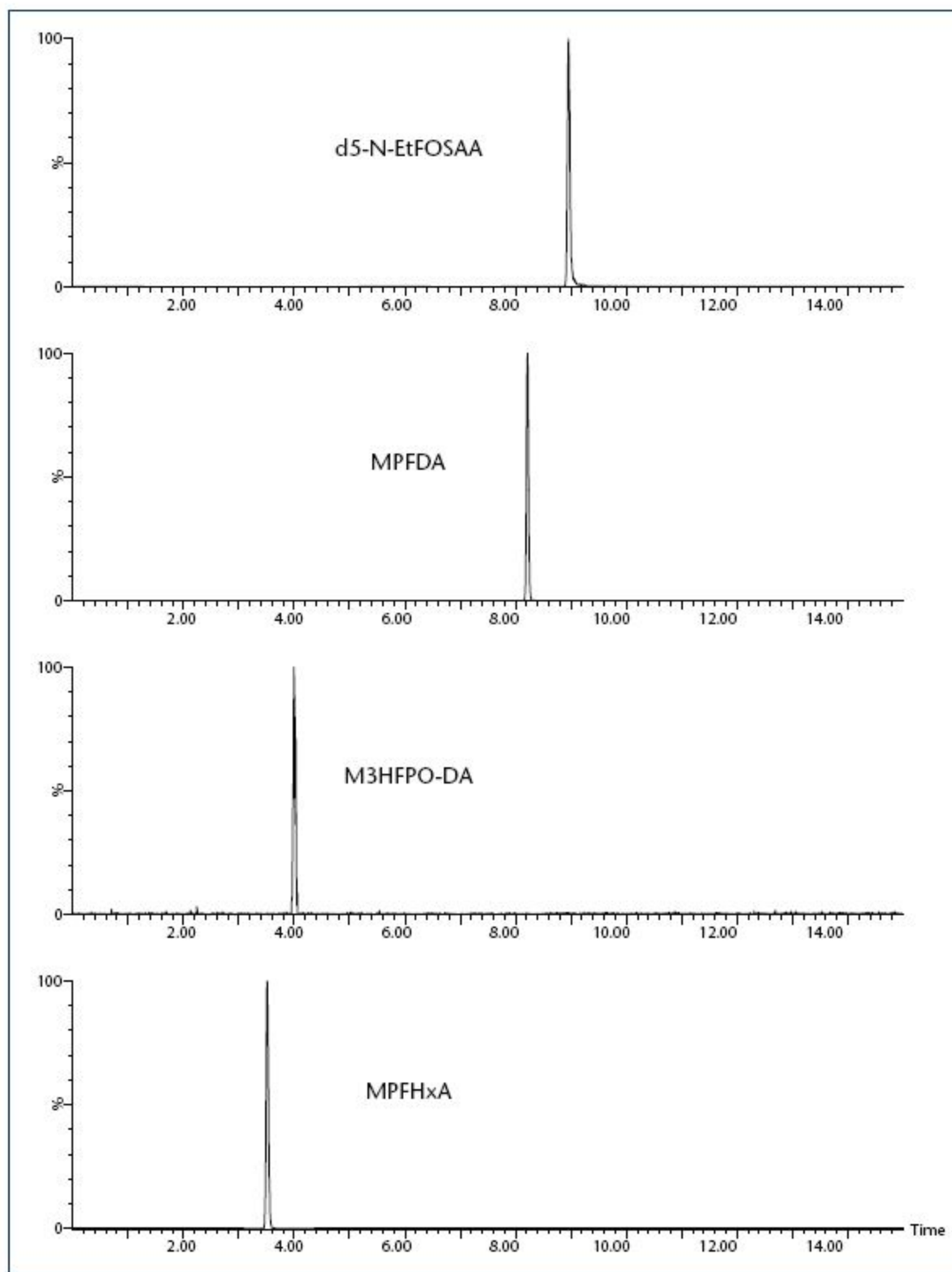
Visit our website ([www.well-labs.com](http://www.well-labs.com)) for a complete listing of our new products.



LC/MS/MS Chromatogram: EPA-537PDS-R1



LC/MS/MS Chromatogram: EPA-537SS-R1





May 9, 2019

**PRODUCT DISCONTINUED****P44DMHxS**

Unfortunately, P44DMHxS (a mixture of perfluoro-4,4-dimethylhexane sulfonate and perfluoro-4,4-dimethylhexanoic acid) is being discontinued due to limited interest and a lack of inventory. However, these compounds are identified as minor components in our br-PFOSK/T-PFOS and T-PFOA reference standards respectively. We apologize for any inconvenience this may cause and appreciate your understanding.

Catalogue Number	Product (methanol solutions)	Qty/Conc
P1MHpS	Sodium perfluoro-1-methylheptanesulfonate	200 µl 1.00 µg/ml
P3MHpS	Sodium perfluoro-3-methylheptanesulfonate	200 µl 1.00 µg/ml
	Perfluoro-3-methylheptanoic acid	1.90 µg/ml
P4MHpS	Sodium perfluoro-4-methylheptanesulfonate	200 µl 1.00 µg/ml
	Perfluoro-4-methylheptanoic acid	2.20 µg/ml
P5MHpS	Sodium perfluoro-5-methylheptanesulfonate	200 µl 1.00 µg/ml
	Perfluoro-5-methylheptanoic acid	1.96 µg/ml
P6MHpS	Sodium perfluoro-6-methylheptanesulfonate	200 µl 1.00 µg/ml
	Perfluoro-6-methylheptanoic acid	3.10 µg/ml
P55DMHxS	Sodium perfluoro-5,5-dimethylhexanesulfonate	200 µl 1.00 µg/ml
	Perfluoro-5,5-dimethylhexanoic acid	1.95 µg/ml
P44DMHxS <i>Discontinued</i>	Sodium perfluoro-4,4-dimethylhexanesulfonate	200 µl 1.00 µg/ml
	Perfluoro-4,4-dimethylhexanoic acid	3.14 µg/ml
P45DMHxS	Sodium perfluoro-4,5-dimethylhexanesulfonate	200 µl 1.00 µg/ml
	Perfluoro-4,5-dimethylhexanoic acid	1.22 µg/ml
	Sodium perfluoro-3,5-dimethylhexane sulfonate	0.50 µg/ml
	Perfluoro-3,5-dimethylhexanoic acid	0.60 µg/ml

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