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**OASIS WAX for PFAS Analysis
with PFAS Instrument Kit**

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Extinguishing the Challenges of PFAS Analysis

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Product Solution

PFAS Total Analytical Workflow Solution

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The General PFAS Analysis Workflow



Sample

Drinking Water
Ground Water
Surface Water
Waste Water

Other matrices
in the works

Sample Prep

Oasis WAX for
PFAS analysis

PS-2 (SDVB for
EPA method
537.1 only)

Accessories

Acquity BEH C₁₈
2.1x100 mm

Isolator
Columns
PE/PP Vials

-Standards

Instrument

ACQUITY I-
Class PLUS

With:

PEEK solvent
lines

Stainless Steel
holdup loop
Isolator Column

Mass Spec

XEVO TQ-S_μ

For added sensitivity
XEVO TQ-XS

Informatics

MassLynx

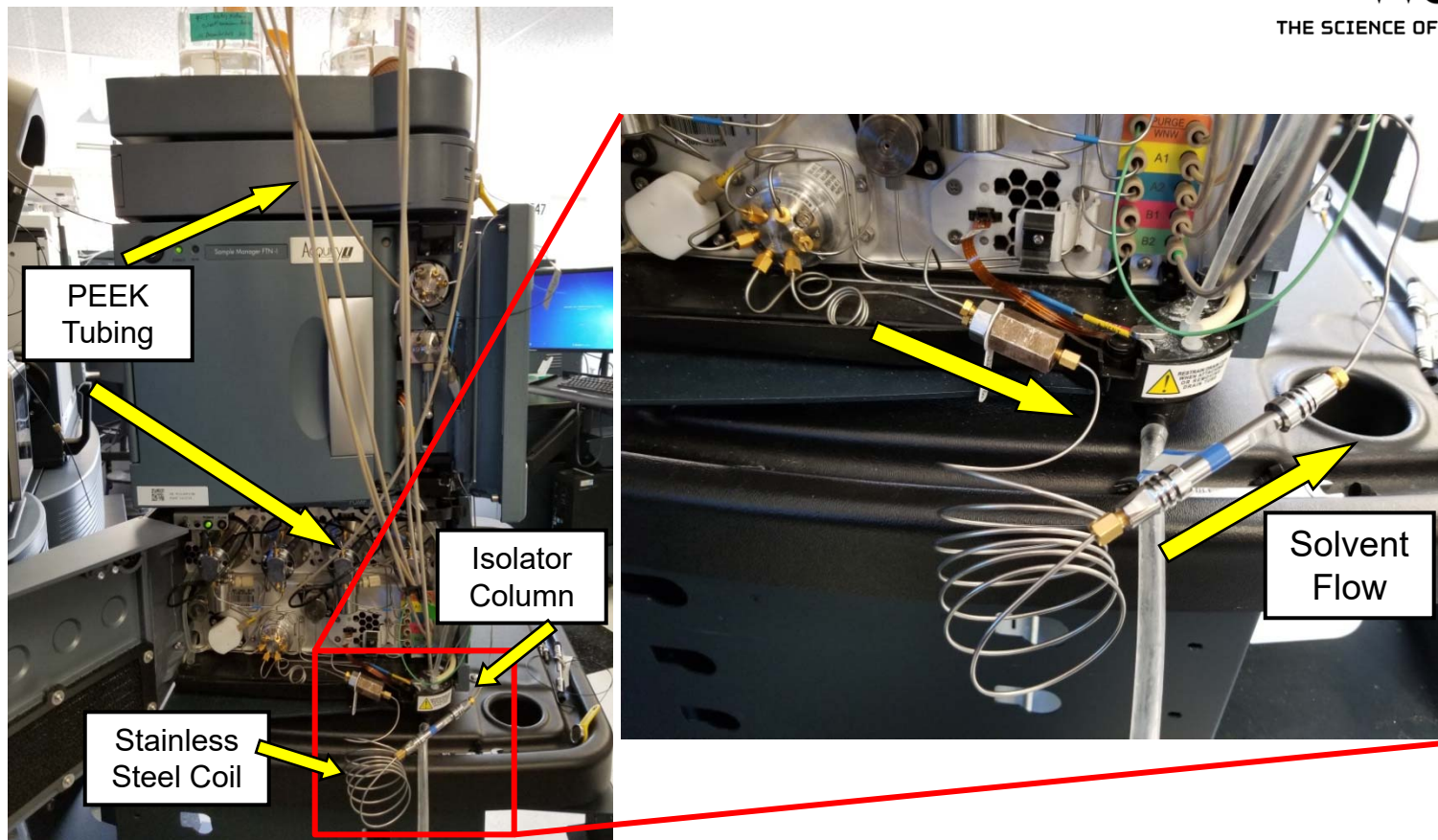
OASIS WAX for PFAS Analysis

- OASIS WAX for PFAS Analysis
 - QC Tested OASIS WAX Cartridges for use in PFAS Analysis
 - QC tested for 32 Common and abundant PFAS analytes
 - Ideal for use in trace-level analysis of PFAS in Water and soil samples*
 - Configurations to meet most workflows (ISO, EPA, ASTM)
 - New bulk configurations available



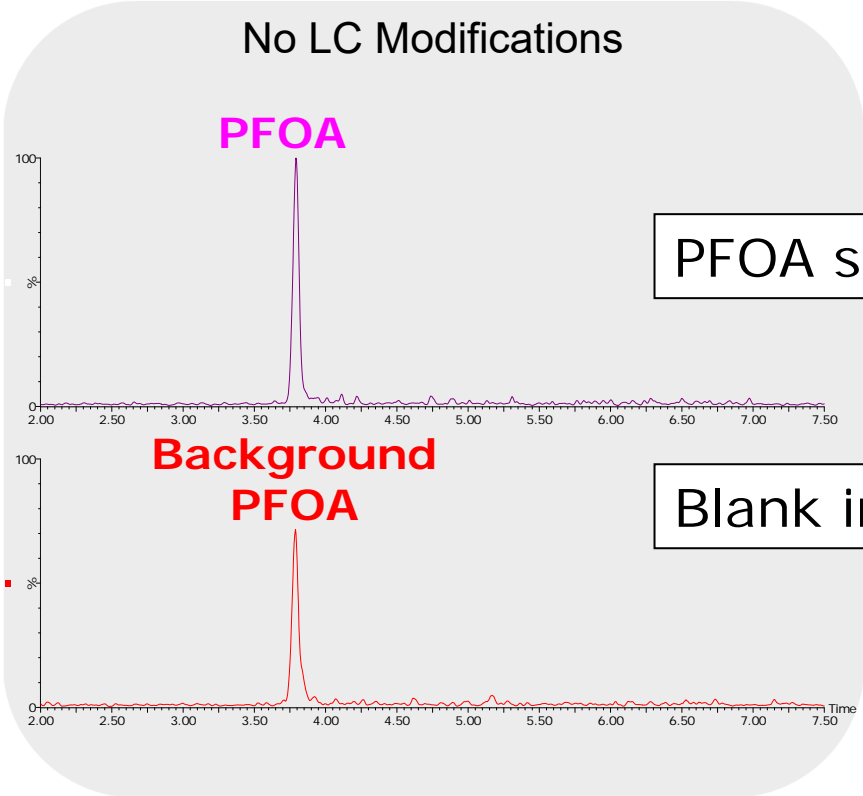
Part Number	Product Description
186009344	OASIS WAX for PFAS Analysis 6 cc Vac Cartridge, 150 mg Sorbent per Cartridge, 30 µm Particle Size, 300/pk
186009345	OASIS WAX for PFAS Analysis 6 cc Vac Cartridge, 150 mg Sorbent per Cartridge, 30 µm Particle Size, 30/pk
186009346	OASIS WAX for PFAS Analysis 6 cc Vac Cartridge, 500 mg Sorbent per Cartridge, 60 µm Particle Size, 300/pk
186009347	OASIS WAX for PFAS Analysis 6 cc Vac Cartridge, 500 mg Sorbent per Cartridge, 60 µm Particle Size, 30/pk
186009568	OASIS WAX for PFAS Analysis 6 cc Vac Cartridge, 500 mg Sorbent per Cartridge, 30 µm Particle Size, 30/pk

LC modifications for PFAS analysis



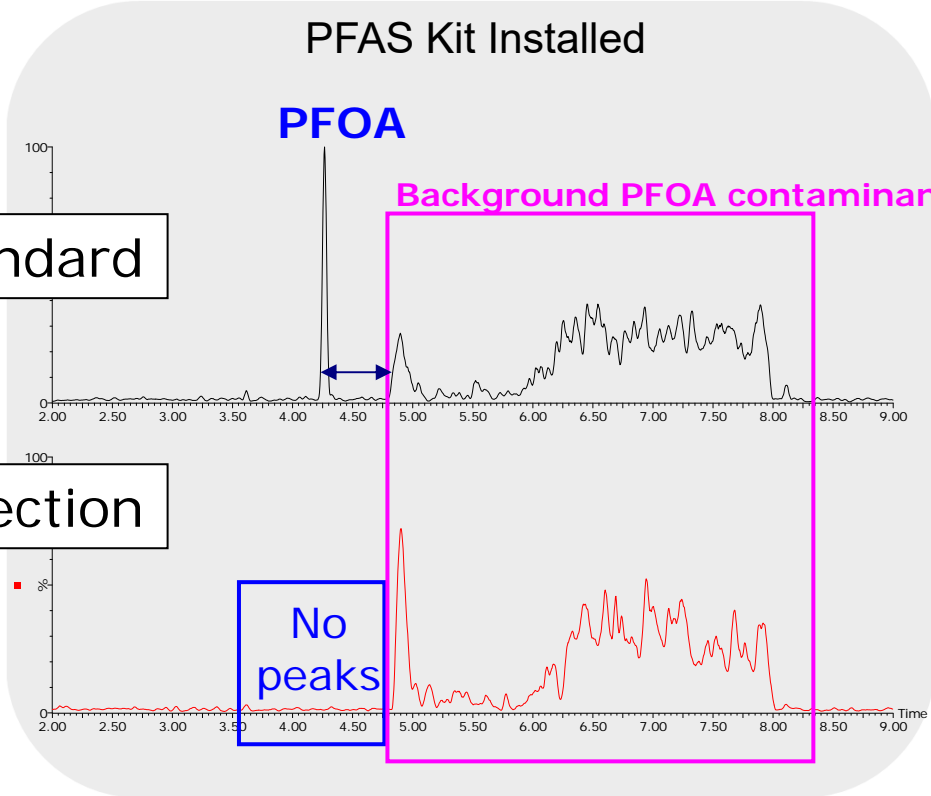


Benefits of LC modifications for PFAS analysis



PFOA standard

Blank injection



MS options

SPE enrichment prior to injection

Sample prep allows for use of mid-level sensitivity for mass spectrometer



Xevo TQ-S micro

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Large Volume Injection

High sensitivity mass spectrometer required



Xevo TQ-XS

Application Details

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	EPA 537.1	EPA 533	EPA 8327	EPA 8328	ASTM 7979	ASTM 7968	ISO 25101	ISO 21675
Matrix	Drinking Water	Drinking Water	Non potable water	Non potable water	Drinking and non potable water	Soils	Drinking and non potable water	Drinking and non potable water
Prep	SPE – PS2	SPE – WAX 500 mg	Dilute, filter	SPE - WAX	Dilute, filter	Dilute, filter	SPE – WAX 150 mg	SPE – WAX 150 mg
Method Available Now?	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Waters Collateral	Tech Brief 720006695en	App Note 720006808en	App Note 720006329en	N/A	App Note 720006329en	App Note 720006764en	App Note 720006471en	App Note 720006471en
Column	BEH C18 2.1x100mm	BEH C18 2.1x100mm	CSH Phenyl Hexyl*	BEH C18 2.1x100mm	CSH Phenyl Hexyl*	CSH Phenyl Hexyl*	BEH C18 2.1x100mm	BEH C18 2.1x100mm
Instrument	TQ-S micro	TQ-S micro	TQ-XS	TQ-S micro	TQ-XS	TQ-XS	TQ-S micro	TQ-S micro


Collateral

- Start-up Guide
- Install Guide
- Application Notes
- Solution Brochure
- Product Reference Cards
- waters.com
 - /PFAS
 - /OASISwaxPFAS

OASIS WAX for PFAS Analysis

Waters OASIS™ WAX Cartridges have become the gold standard over the last few years for their chemistry's ability to maximize PFAS recovery in Water and Soil samples. Starting in September 2019, we will be offering this same trusted product pre-screened for 32 PFAS analytes.

- QC Tested OASIS WAX Cartridges for use in PFAS Analysis
- Tested for 32 PFAS analytes
- 6 cc 150 mg and 6 cc 500 mg
- Ideal for use in Trace level analysis of PFAS in Water and Soil samples



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Home > Industries > Food > Pesticides in Food > Polar Pesticide Analysis

Polar Pesticide Analysis
Analyze. Without the Need to Derivatize

For years, laboratories analyzing food commodities for glyphosate and associated anionic pesticides have had to contend with a complex and time consuming process. Waters Polar Pesticide solution provides quick, reproducible testing methods for regionally regulated highly anionic polar pesticides found in agriculture products and finished foods. These solutions provide application specific column chemistry for ease-of-use, quicker results with reliable low level detection while maintaining key analyte separations. Waters direct method offers retention times you can rely upon, separation power that avoids false detections, and sensitivity to exceed current regulatory requirements - all to provide a reliable and accessible method to meet your analytical demands.

Request Pricing

Overview Related Buy Products Literature Application Notes Support

Waters Anionic Polar Pesticide Column
This application specific column is the perfect complement to the ACQUITY UPLC 3-Class PLUS System, providing unparalleled retention for all target compounds. Waters Anionic Polar Pesticide Column provides quick, reproducible testing methods for highly anionic polar pesticides found in agriculture products and finished foods. AMSA is the first eluting peak with retention 3.5 times greater than the 10. Retention time stability is also crucial, and the Anionic Polar Pesticide Column exhibits very stable retention times.

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Featured
Waters Anionic Polar Pesticide Column
Waters Anionic Polar Pesticide Column Care and Use Manual



Showcase #2

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