Analytical Scientist

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PFAS SURVEY 2023

We recently asked our readers for their thoughts on the challenges involved in PFAS analysis, whether current methods are up to the task, and what analytical advances may be on the horizon. Here, we share the results.



Which environmental chemical pollutant do you consider most concerning today?



Othe 3% Data Instrument Accuracy 5% ent Method Development 9% Are current analytical methods PFAS analysis sufficient? NO 52% 50 60 70 80 What analytical advances are on the horizon for PFAS analysis? to explore the extent of chemicals released into the environment Improvements in sensitivity and range of these methods High resolution LCOOO More options for analytical standards Improvements to sensitivity. selectivity and accuracy PFAS contains many structural isomers. How many targets can most routine analyses identify? Less than 50 72%

40

50

60

What are the **main challenges** related

to PFAS analysis?