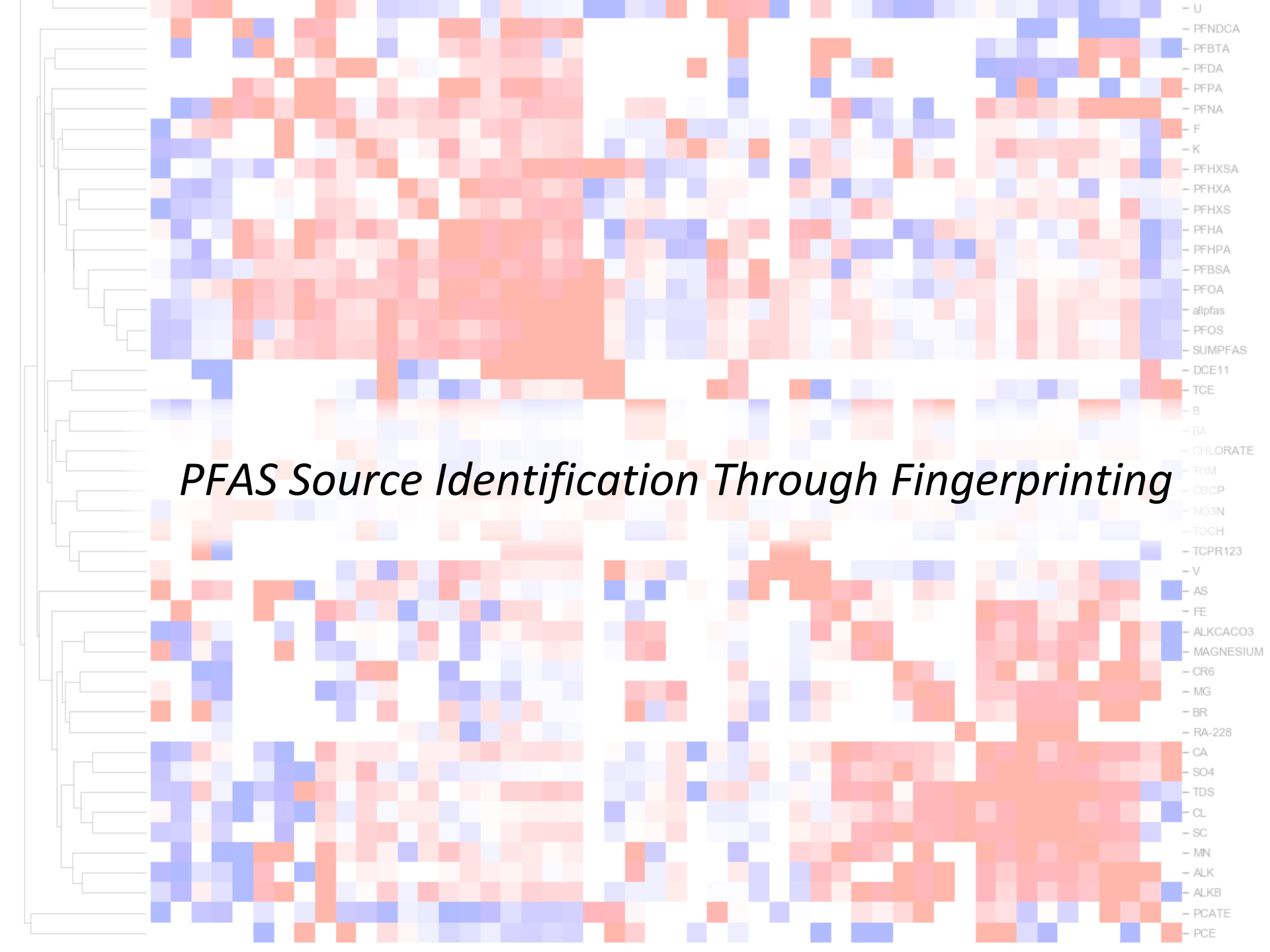
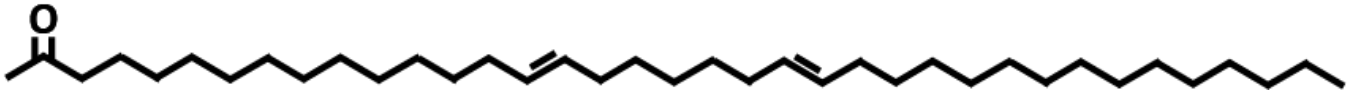
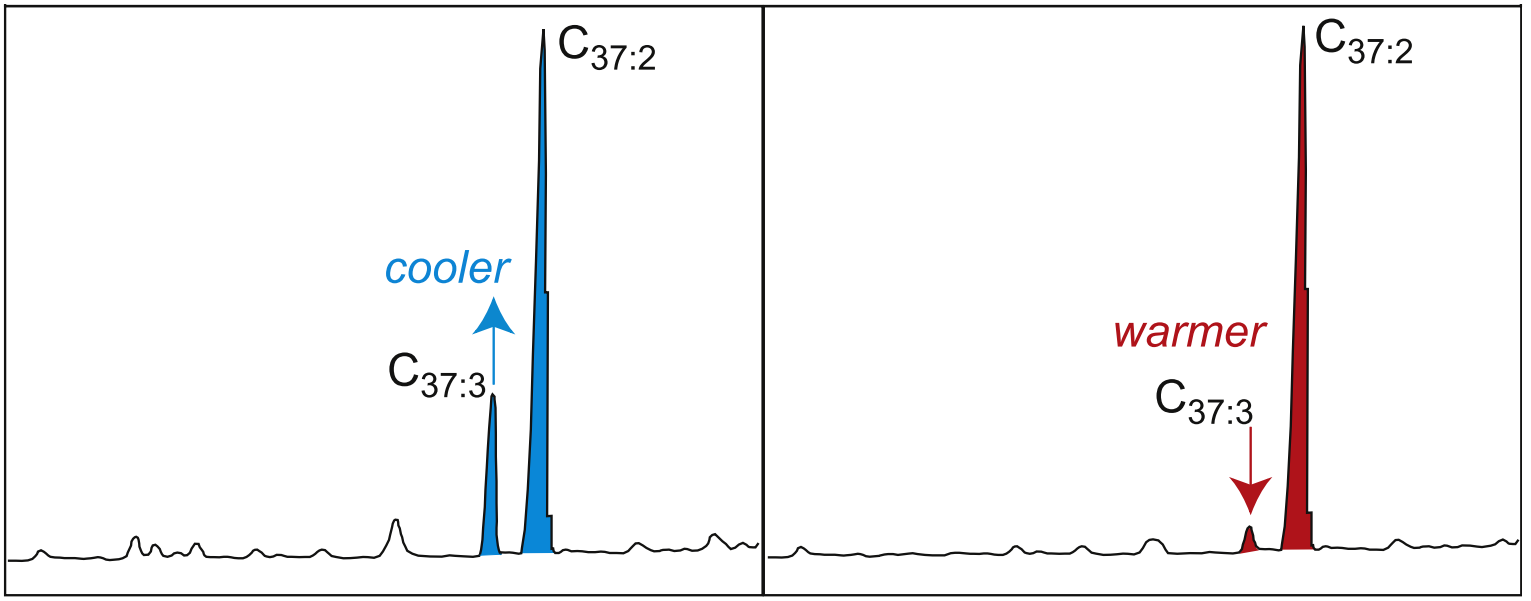


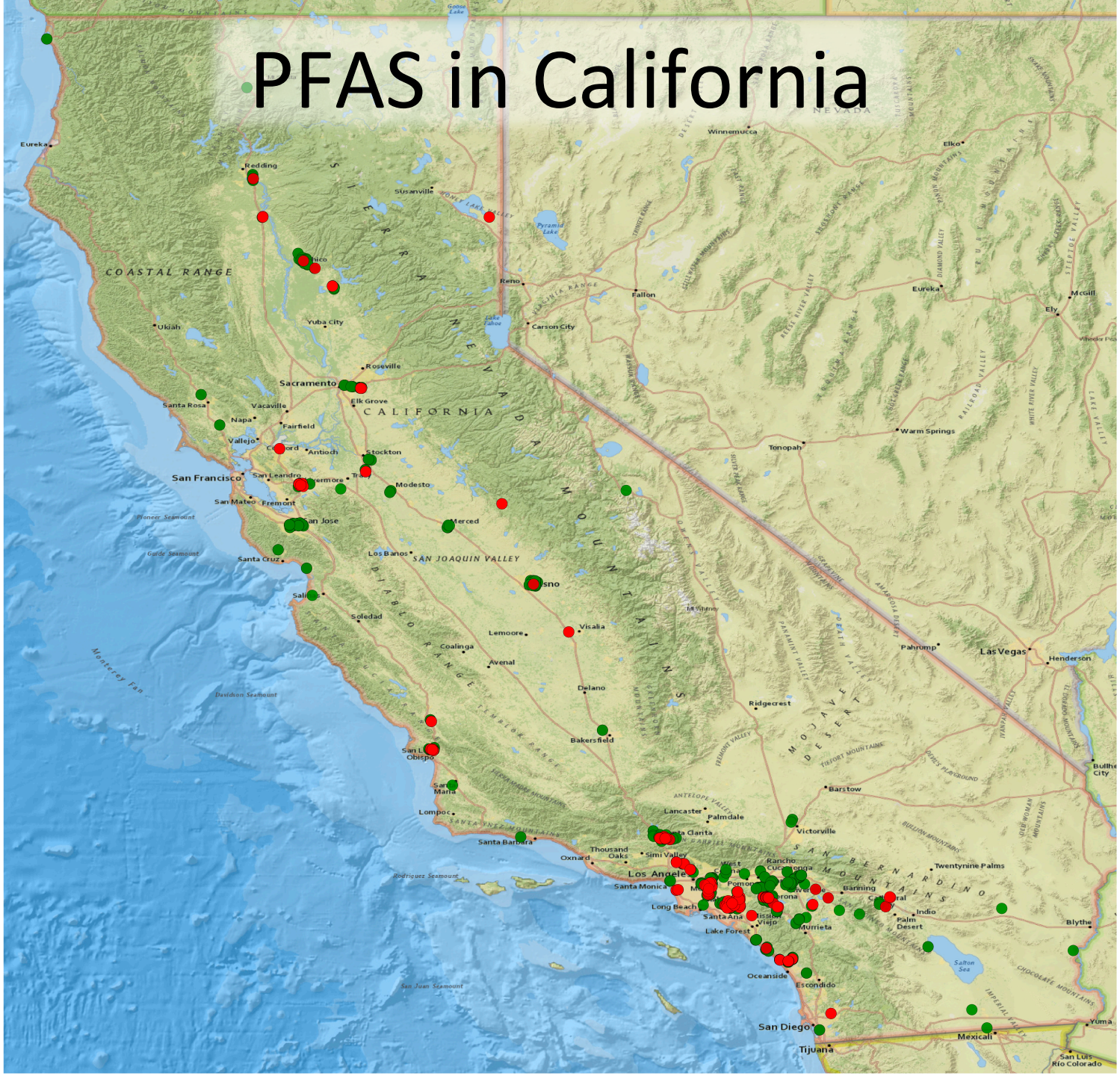
PFAS Source Identification Through Fingerprinting



(Paleo)climatology

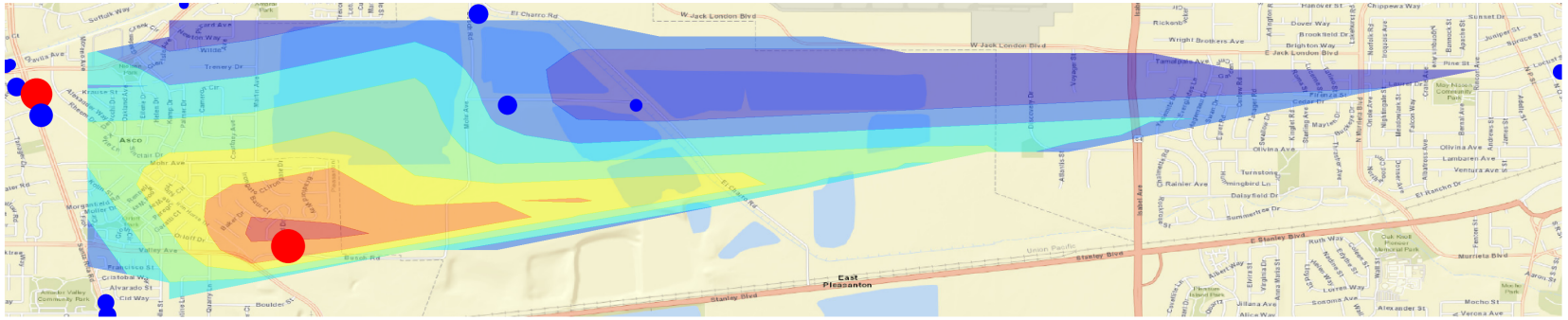


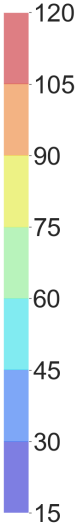
PFAS in California



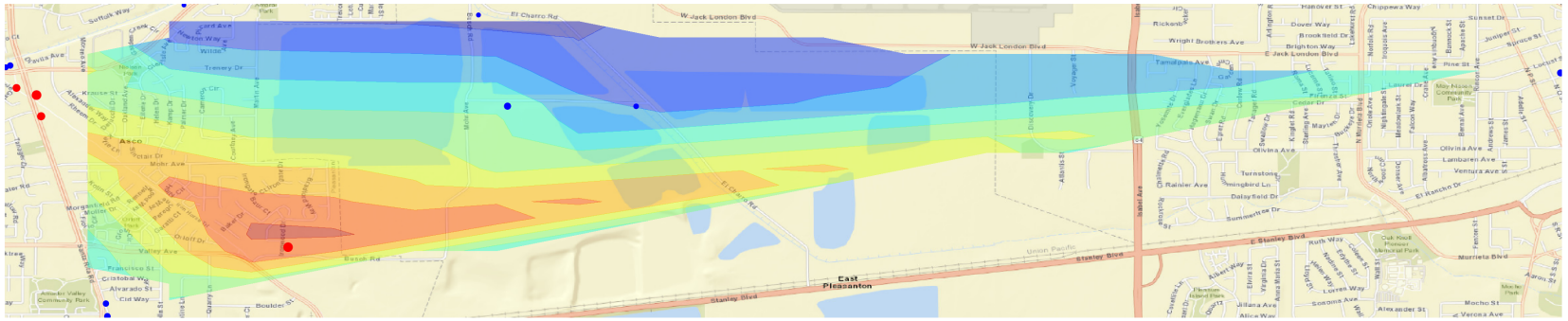
PFAS in California

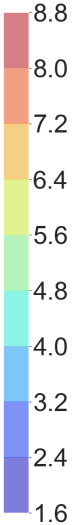
PFOS

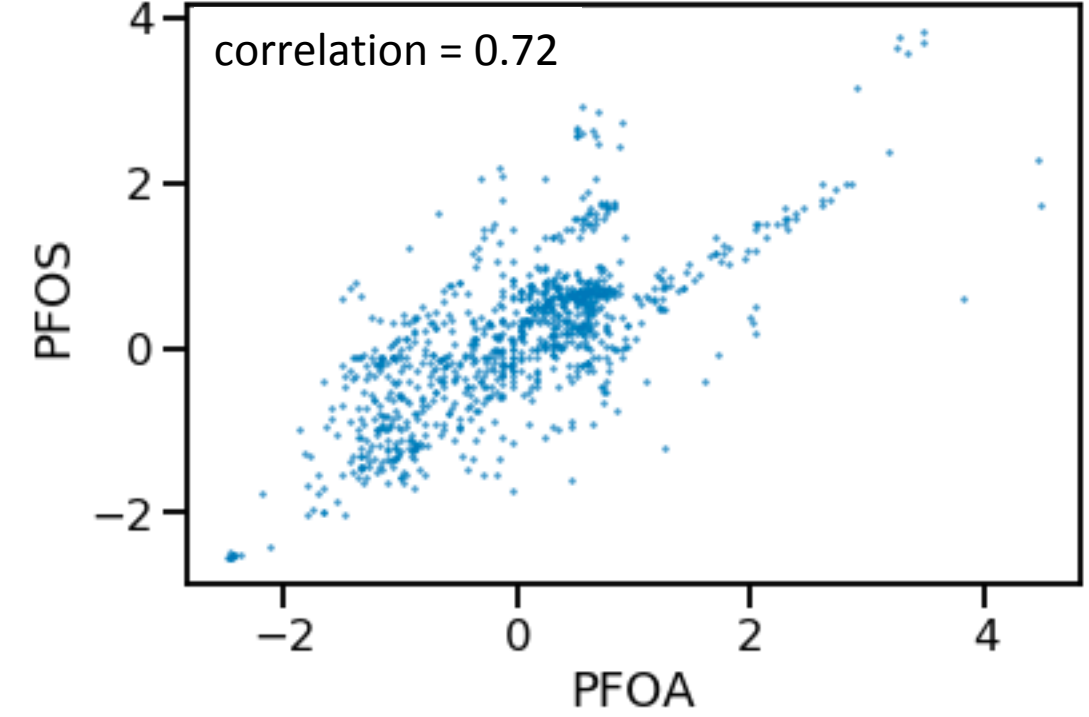




PFOA



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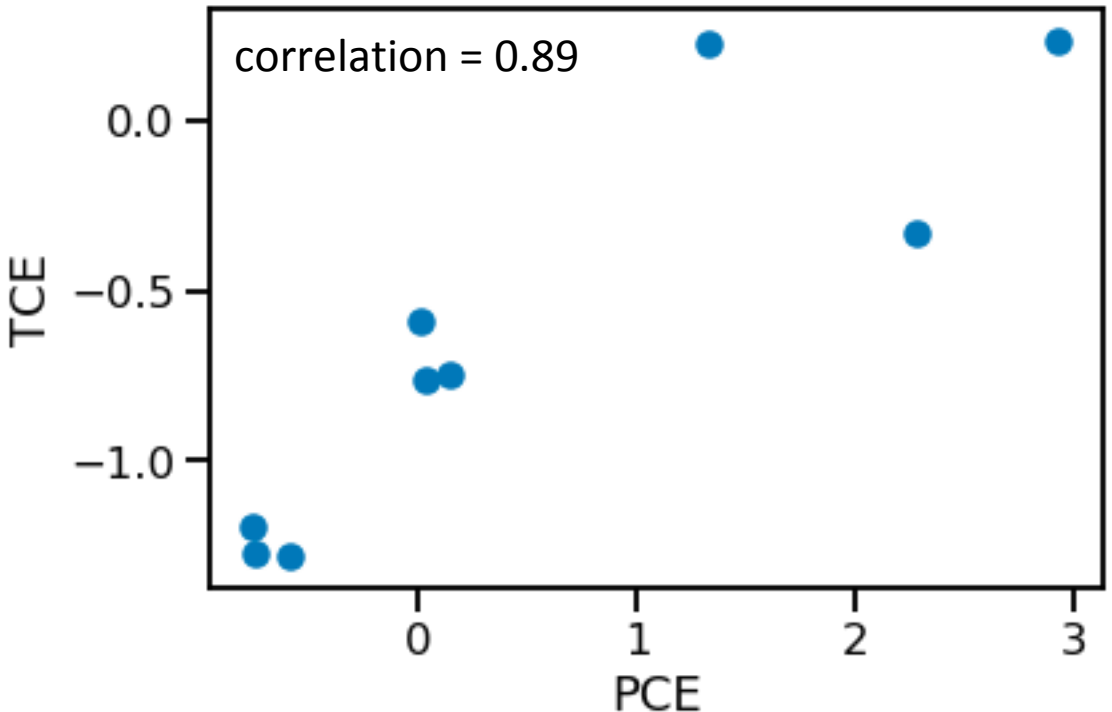
PFOS
PFOA
4
2
0
−2
−2
0
2
4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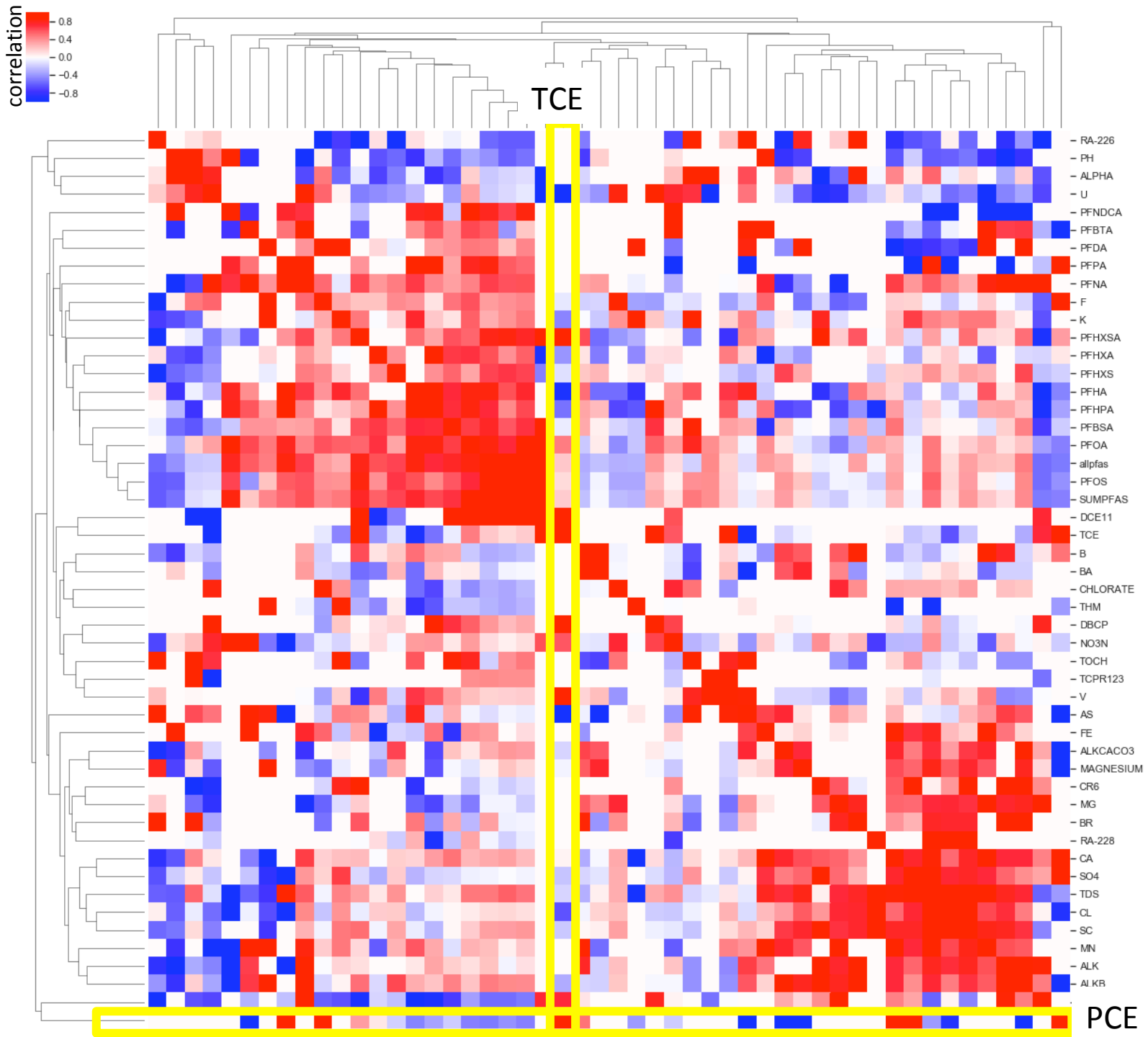
TCE
PCE
0.0
−0.5
−1.0
0
1
2
3


correlation
0.8
0.4
0.0
−0.4
−0.8
TCE
RA-226
PH
ALPHA
U
PFNDCA
PFBTA
PFDA
PFPA
PFNA
F
K
PFHXSA
PFHXA
PFHXS
PFHA
PFHPA
PFBSA
PFOA
allpfas
PFOS
SUMPFAS
DCE11
TCE
B
BA
CHLORATE
THM
DBCP
NO3N
TOCH
TCPR123
V
AS
FE
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CA
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TDS
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ALK
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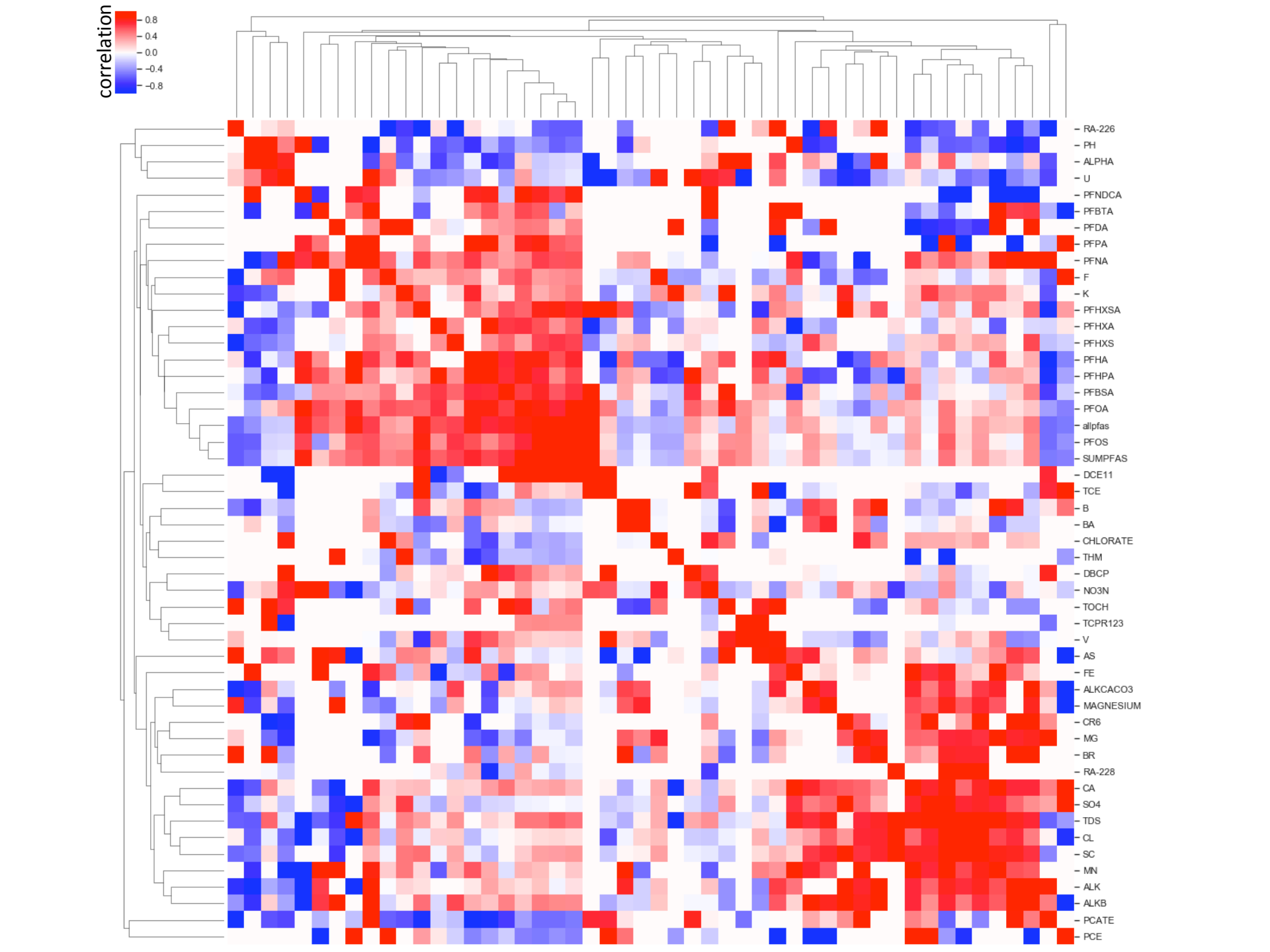
correlation
0.8
0.4
0.0
−0.4
−0.8
RA-226
PH
ALPHA
U
PFNDCA
PFBTA
PFDA
PFPA
PFNA
F
K
PFHXSA
PFHXA
PFHXS
PFHA
PFHPA
PFBSA
PFOA
allpfas
PFOS
SUMPFAS
DCE11
TCE
B
BA
CHLORATE
THM
DBCP
NO3N
TOCH
TCPR123
V
AS
FE
ALKCACO3
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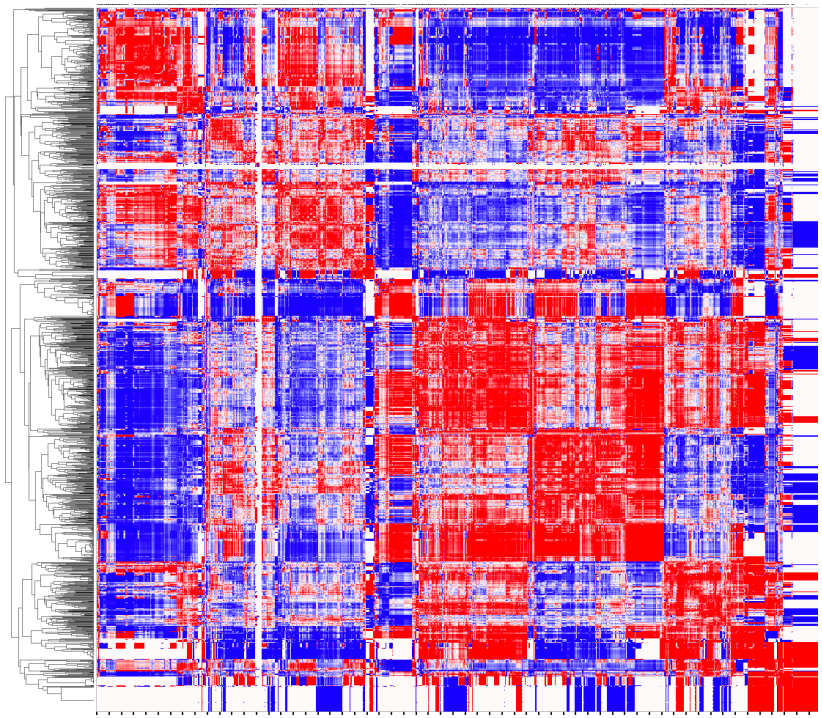
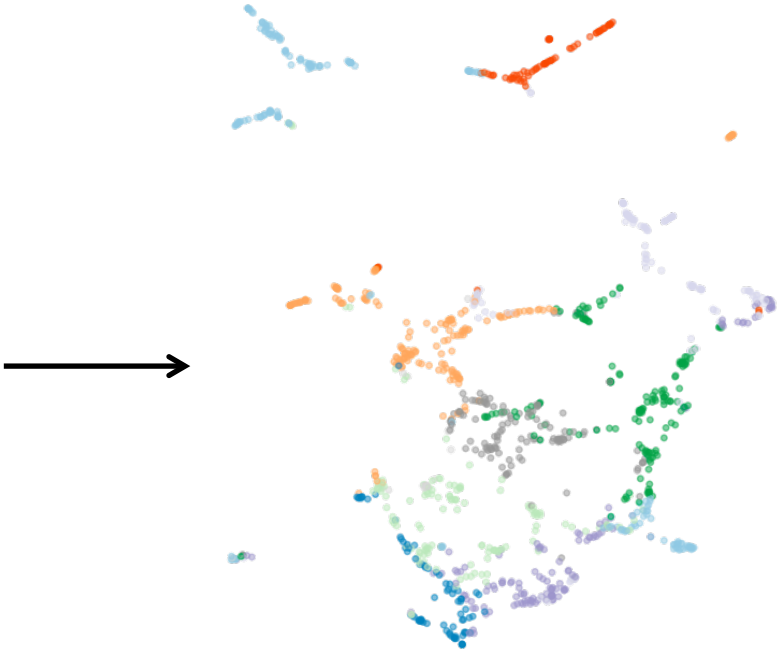

wells
wells



PFAS Source Identification Through Fingerprinting

Get involved!

Existing Data (provided):

1. *Identify PFAS co-contaminants*
2. *Fingerprint PFAS and co-contaminant chemical mixtures*
3. *Characterize local and regional variation in PFAS fingerprints*
4. *Infer PFAS contamination source(s)*
5. *Predict PFAS concentration using co-contaminant data*

New Data:

1. *Compile annotated literature data*