

SUPPORTING INFORMATION

Pressurized liquid extraction of chlorinated polycyclic aromatic hydrocarbons from soil samples using aqueous solutions

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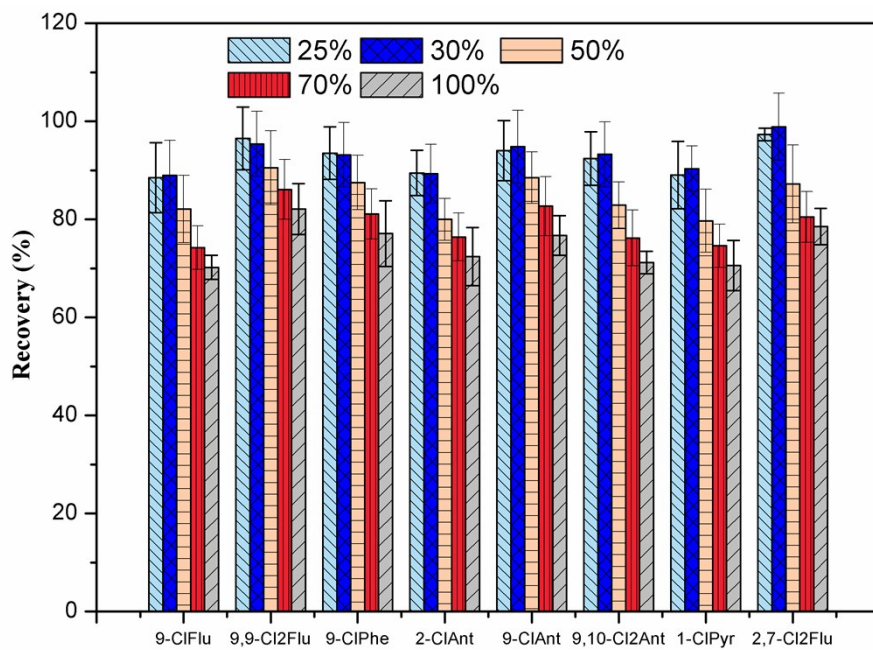


Figure S1. The effect of the content of acetone on extraction efficiency.

Table S1 Comparison of Cl-PAHs concentrations (ng/g, dw) found in a non-spiked dust sample and a non-spiked sediment sample using two different extraction approaches.

Compound	PLE (water/acetone, 75:25, v/v)				Soxhlet-extraction (dichloromethane/ hexane, 3:1, v/v)			
	Dust		Sediment		Dust		Sediment	
	Concentration	RSD (n=3, %)	Concentration	RSD (n=3, %)	Concentration	RSD (n=3, %)	Concentration	RSD (n=3, %)
9-ClFlu	4.99	4.1	5.85	2.6	4.28	5.7	5.32	9.6
9,9-Cl ₂ Flu	2.15	5.2	3.12	2.2	2.09	10.4	3.01	6.8
9-ClPhe	ND	-	1.15	3.4	ND	-	1.02	10.2
2-ClAnt	ND	-	ND	-	ND	-	ND	-
9-ClAnt	ND	-	ND	-	ND	-	ND	-
9,10-Cl ₂ Ant	3.24	1.8	ND	-	3.22	6.3	ND	-
1-ClPyr	7.88	2.5	12.7	2.9	8.23	11.2	12.0	5.8
2,7-Cl ₂ Flu	ND	-	ND	-	ND	-	ND	-