

SUPPLEMENTARY INFORMATION

Table S1.1. Pharmaceuticals (PhACs) list.	2
Table S1.2. Organophosphorus flame retardants (OPFRs) list.....	4
Table S1.3. Pesticides list.....	4
Table S1.4. Perfluoroalkyl substances (PFAS) list.....	5
Table S2.1. Quality parameters for quantification purposes of PhACs.....	7
Table S2.2. Quality parameters for quantification purposes of OPFRs	9
Table S2.3. Quality parameters for quantification purposes of Pesticides.	9
Table S2.4. Quality parameters for quantification purposes of PFAS.....	11
Table S3. Solvent and clean-up test results.....	13
Table S4. Validation parameters.....	15
Fig S1. Matrix effect before and after the clean-up step.....	18

Table S1.1. Pharmaceuticals (PhACs) list. CE: Collision energy; RT: Retention time.

PhACs	Mode	Precursor mass (<i>m/z</i>)	Confirming fragment (<i>m/z</i>)	CE (V)	RT (min)	Log P
5-methyl-1H-Benzotriazole	+	134.0713	79.0542	25	7.29	1.81
Acetaminophen	+	152.0706	110.0600	20	2.94	0.91
Acridone	+	196.0757	167.0721	30	10.41	4.20
Alprazolam	+	309.0901	281.0713	37	12.56	3.02
Amantadine	+	152.1434	135.1167	15	4.69	1.47
Atenolol	+	267.1703	190.0861	25	2.67	0.43
Atorvastatin	-	557.2457	278.1350	50	13.12	5.39
Benzotriazole	+	120.0556	65.0386	15	5.00	1.30
Benzoyllecgonine	+	290.1387	168.1018	26	5.65	-0.59
Bezafibrate	+	362.1154	316.1096	14	13.41	3.99
Bisphenol-A	-	227.1078	211.0760	31	12.96	4.04
Bromazepam	+	316.0080	209.0945	31	10.42	2.54
Caffeine	+	195.0877	138.0661	27	4.48	-0.55
Carazolol	+	299.1754	116.1068	40	8.74	2.71
Carbamazepine	+	237.1022	194.0963	23	11.70	2.77
CBZ-10.11-epoxide	+	253.0972	180.0806	20	9.46	1.97
Chloramphenicol	-	321.0051	152.0353	15	8.93	0.88
Chlorpromazine	+	319.1030	86.0964	19	12.49	4.54
Ciprofloxacin	+	332.1405	288.1506	25	5.76	-0.81
Citalopram	+	325.1711	109.0446	26	10.78	3.76
Clarithromycin	+	748.4841	158.1174	34	12.43	3.24
Clofibric acid	-	213.0324	126.9955	30	6.91	2.90
Coca-ethylene	+	318.1700	196.1330	25	8.76	2.64
Cocaine	+	304.1543	182.1174	30	7.34	2.28
Codeine	+	300.1594	165.0697	42	3.50	1.34
Cotinine	+	177.1022	80.0494	28	1.70	0.21
Diazepam	+	285.0789	193.0885	35	13.69	3.08
Diclofenac	-	294.0094	221.1544	-	12.31	4.26
Diltiazem	+	415.1686	178.0319	24	11.24	2.73
Erythromycin	+	734.4685	158.1174	29	11.29	2.60
Fenofibrate	+	361.1201	233.0364	12	16.07	5.28
Fipronil	-	434.9314	249.9580	20	14.97	4.49
Fipronil Desulfynil	-	386.9644	350.9877	10	15.14	4.53
Fipronil sulfide	-	418.9365	261.9570	25	15.36	5.62
Fipronil sulfone	-	450.9263	183.0270	25	15.34	4.60
Fluconazole	+	307.1113	310.1219	20	6.87	0.56
Flumequine	+	262.0874	244.0766	32	11.93	2.42
Fluoxetine	+	310.1413	265.1577	30	12.42	4.17
Furazolidone	+	226.0459	95.0366	18	6.18	0.87
Furosemide	-	329.0004	204.9845	-	7.58	1.75
Hydrochlorothiazide	-	295.9572	268.9455	29	4.14	-0.58
Indomethacin	-	356.0695	297.0561	-	12.55	3.53
Ketoprofen	+	255.1016	105.0334	25	13.23	3.61
Lamotrigine	+	256.0151	172.9667	40	6.12	1.93
Loratadine	+	383.1521	337.1099	-	14.30	5.20
Lorazepam	+	321.0192	275.0138	19	12.48	4.06

PhACs	Mode	Precursor mass (<i>m/z</i>)	Confirming fragment (<i>m/z</i>)	CE (V)	RT (min)	Log P
Losartan	+	423.1695	207.0917	20	12.95	4.06
Mefenamic acid	-	240.1030	196.1134	19	13.12	5.40
Metformin	+	130.1087	60.0560	15	1.14	-0.92
Methadone	+	310.2165	265.1587	18	12.29	5.01
Metoprolol	+	268.1907	116.1068	21	6.54	1.76
Midazolam	+	326.0855	291.1166	38	10.30	3.97
Morphine	+	286.1438	201.0909	40	1.86	0.90
N-acethyl SMX	+	296.0700	134.0600	24	8.81	0.86
Nalidixic acid	+	233.0921	205.0606	32	11.37	1.01
N-Desmethylocitalopram	+	311.1554	109.0447	-	10.55	3.38
Nicotine	+	163.1230	117.0573	22	1.44	1.17
Norfluoxetine	+	296.1257	105.0700	18	12.28	3.70
O-Desmethylvenlafaxine	+	264.1958	246.1851	21	5.68	2.29
Omeprazole	+	346.1220	198.0583	-	9.28	2.43
Oseltamivir	+	313.2122	166.0864	12	8.78	1.16
Oseltamivir-CBX	+	285.1809	138.0551	38	5.19	-1.84
Oxazepam	+	287.0582	241.0524	25	12.21	2.92
Oxytetracycline	+	461.1555	426.1171	35	5.39	-4.87
Paroxetine	+	330.1500	192.1183	27	11.86	3.15
Pentobarbital	-	225.1245	125.9001	30	11.47	1.89
Propyphenazone	+	231.1492	189.1021	30	12.24	2.35
Quetiapine	+	384.1740	253.0794	30	10.36	2.81
Salbutamol	+	240.1594	148.0756	-	2.37	1.40
Salicylic acid	-	137.0244	93.0345	16	2.99	1.98
Sertraline	+	306.0811	158.9762	20	12.47	5.15
Sitagliptin	+	408.1254	174.0524	24	7.70	1.26
Sotalol	+	273.1268	213.0690	24	2.43	-0.40
Sulfadimethoxine	+	311.0809	156.0771	-	10.04	0.23
Sulfamethazine	+	279.0910	204.0436	22	5.98	0.65
Sulfamethoxazole	+	254.0594	156.0115	20	7.84	0.79
Sulfapyridine	+	250.0645	156.0112	22	4.60	1.01
Temazepam	+	301.0738	255.0684	-	12.99	2.19
Tramadol	+	264.1958	58.0654	15	6.50	2.45
Triclocarban	-	312.9708	159.9724	35	15.35	4.93
Trimethoprim	+	291.1452	230.1161	29	4.83	1.28
Valsartan	+	436.2343	207.0915	15	13.68	4.59
Valsartan acid	-	265.0731	165.0706	35	3.95	2.56
Venlafaxine	+	278.2115	58.0654	22	8.39	2.74
Verapamil	+	455.2904	165.0909	27	12.26	5.04
Warfarin	-	307.0976	161.0244	24	11.58	2.74
Zolpidem	+	308.1757	235.1230	30	8.16	3.02

Table S1.2. Organophosphorus flame retardants (OPFRs) list. CE: Collision energy; RT: Retention time.

OPFRs	Mode	Precursor mass (m/z)	Confirming fragment (m/z)	CE (V)	RT (min)	Log P
TCEP Tris(2-chloroethyl) phosphate	+	284.9612	100.15	20	10.7	2.11
TBEP Tris (2-butoxyethyl) phosphate	+	399.2506	-	20	-	3.94
TPP Tripropyl phosphate	+	225.125	84.33	20	15	1.87
TDBPP Tris(2,3-dibromopropyl) phosphate	+	692.5881	120.04	20	17.2	3.65
TEHP Tris(2-ethylhexyl) phosphate	+	435.3598	113.02	20	22.8	6.07
TMPP Tricresyl phosphate	+	369.125	192.08	20	18.4	6.34
TPhP Triphenyl phosphate	+	327.0781	117.05	20	16.8	4.59
TDCIPP Tris(1,3-dichloro-2-propyl) phosphate	+	428.8912	80.13	20	16.7	3.8
TCIPP Tris(2-chloroisopropyl) phosphate	+	327.0081	80.01	20	14.9	1.44
CDP Cresyl diphenyl phosphate	+	341.0937	167.02	20	17.4	2.59
TnBP tributyl phosphate	+	267.172	-	20	-	4.51

Table S1.3. Pesticides list. CE: Collision energy; RT: Retention time.

Pesticides	Mode	Precursor mass (m/z)	Confirming fragment (m/z)	CE (V)	RT (min)	Log P
Acetamiprid	+	223.0745	223.0739	20	2.57	0.80
Alachlor	+	270.1255	69.1177	15	9.26	3.09
Atrazine	+	216.1011	174.0539	20	6.33	2.70
Atrazine-deethyl	+	188.0698	146.0226	20	3.46	1.51
Atrazine-Deisopropyl	+	174.0541	146.0229	20	2.63	1.15
Azinphos-ethyl	+	346.0444	132.0443	20	9.06	3.18
Azinphos-Methyl	+	318.0131	132.0442	20	7.18	2.96
Buprofezine	+	306.1635	201.1055	20	12.62	4.93
Carbendazim	+	192.0768	60.0505	20	2.21	1.48
Carbofuran	+	222.1125	165.0908	20	4.71	1.80
Carbofuran 3-OH	+	238.1074	163.0751	20	2.72	1.45
Chlorfenvinphos	+	358.9768	159.0419	20	10.51	3.80
Chlorpyrifos	+	349.9336	197.9270	20	13.58	4.00
Chlothianidin	+	250.0160	168.0463	20	2.66	0.70
Coumaphos	+	363.0217	306.9590	20	10.54	3.86
Diazinon	+	305.1083	153.1019	35	10.54	3.69
Dichlofenthion	+	313.9695	279.2323	5	13.20	5.14
Dimethoate	+	230.0069	198.9645	20	2.98	0.70
Diuron	+	233.0243	72.0444	35	6.94	2.87
DMA (2,4-dimethylaniline)	+	122.0976	107.0745	20	1.39	1.68
DMF (N-(2,4-dimethylphenyl)formamide)	+	60.0570	-	20	-	-
DMPF N-(2,4-dimethylphenyl)-Nmethylformamidine	+	150.0913	123.0799	20	3.99	-
Ethion	+	384.9949	230.9737	20	13.23	5.07

Pesticides	Mode	Precursor mass (<i>m/z</i>)	Confirming fragment (<i>m/z</i>)	CE (V)	RT (min)	Log P
Etofenprox	+	394.2377	359.2004	20	15.13	7.05
Fenthion	+	279.0273	108.0443	10	-	4.84
Fenthion sulfone	+	311.0171	297.0011	20	5.37	2.25
Fenthion sulfoxide	+	295.0222	279.9984	20	4.55	1.92
Fipronil	+	436.9460	-	30	-	4.00
Hexythiazox	+	353.1085	228.0242	20	13.66	2.67
Imazalil	+	297.0556	255.0089	20	4.88	2.56
Imidacloprid	+	256.0596	209.0586	20	2.47	0.57
Isoproturon	+	207.4149	165.1020	20	6.28	2.50
Methiocarb	+	226.0896	170.1034	20	7.79	3.18
Methoalachlor	+	284.1412	253.1179	20	9.38	3.40
Molinate	+	188.1104	126.0912	20	8.25	2.86
				20	-	-
Omethoate	+	214.0997	196.0188		1.40	0.74
Parathion-ethyl	+	292.0403	123.1172	10	7.98	3.83
Prochloraz	+	376.0381	308.0002	20	10.62	3.50
Propanil	+	218.0134	161.9867	10	8.23	2.29
Propazine	+	230.1167	188.0696	20	7.63	3.95
Pyriproxyfen	+	322.1488	227.1066	20	13.10	5.37
Simazine	+	202.0854	146.0226	20	4.54	2.30
Spinosad A	+	732.4681	142.1223	20	9.80	4.10
Spinosad C	+	-	-	20	-	-
Spinosad D	+	746.4838	142.1225	20	10.73	-
Tebuconazole	+	308.1524	70.0397	20	10.30	3.70
Terbumeton	+	226.1662	170.1034	20	5.40	3.04
Terbumeton deethyl	+	198.1349	142.0723	20	3.50	-
Terbuthylazine	+	230.1167	174.0538	30	7.90	3.40
Terbuthylazine-2OH	+	212.1506	-	20	2.40	-
Terbuthylazine-deethyl	+	202.0854	146.0226	30	4.99	2.30
Terbutryn	+	242.1439	187.0833	20	8.15	3.66
Thiabendazole	+	202.0433	175.0337	20	2.55	2.39
				20	-	-
Thiomethoxam	+	292.02656	211.0646		2.17	0.13

Table S1.4. Perfluoroalkyl substances (PFAS) list. CE: Collision energy; RT: Retention time.

PFASs	Mode	Precursor mass (<i>m/z</i>)	Product ions (<i>m/z</i>)	CE (V)	RT (min)	Log P
Perfluorobutanoic acid (PFBA)	-	213	169	-12	3.18	--
Perfluoropentenoic acid (PFPeA)	-	263	219	-5	8.9	--
Perfluorohexanoic acid (PFHxA)	-	313	269/119	-12/-10	6.74	3.48
Perfluoroheptanoic acid (PFHpA)	-	363	319/169	-12/-10	7.94	4.15
Perfluorooctanoic acid (PFOA)	-	413	369/169	-14/-14	8.87	4.81
Perfluorononanoic acid (PFNA)	-	463	419/169	-14/-14	9.65	5.48

PFASs	Mode	Precursor mass (m/z)	Product ions (m/z)	CE (V)	RT (min)	Log P
Perfluoro-7-methyloctanoic acid (i.p-PFNA)	-	463	419/269	-14/-14	9.94	--
Perfluorodecanoic acid (PFDA)	-	513	469/269	-16/-16	10.31	--
Perfluoroundecanoic acid (PFUnDA)	-	563	519/269	-18/-18	10.88	--
Perfluorododecanoic acid (PFDoA)	-	613	569/269	-5/-10	11.38	--
Perfluorotridecanoic acid (PFTrDA)	-	663	619/169	-12/-24	11.88	--
Perfluorotetradecanoic acid (PFTeDA)	-	714	669/169	-12/-25	12.18	--
Perfluorohexadecanoic acid (PFHxDA)	-	814	769/169	-8/-28	12.79	--
Perfluorooctadecanoic acid (PFODA)	-	914	869/169	-8/-29	13.38	--
Perfluorobutane sulfonate (PFBS)	-	299	99/80	-58/-58	5.54	--
Perfluorohexane sulfonate (PFHxS)	-	399	99/80	-78/-66	8.04	--
Perfluoroheptane sulfonate (PFHpS)	-	449	99/80	-88/-88	8.89	--
Perfluorooctane sulfonate (PFOS)	-	499	99/80	-108/-108	9.63	4.49
Perfluoro-7-methyloctane sulfonate (ipPFNS)	-	427	99/80	-45/-78	10.10	--
Perfluorodecane sulfonate (PFDS)	-	599	99/80	-118/-118	10.83	--

Table S2.1. Quality parameters for quantification purposes of PhACs

PhACs	IS	<i>Procambarus Clarkii</i>		<i>Corbicula fluminea</i>		<i>Lepomis gibbosus</i>	
		R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)
5-methyl-1H-Benzotriazole	Benzotriazole-D4	0.999	0.5-500	0.999	0.5-500	0.999	0.5-500
Acetaminophen	Acetaminophen-D4	0.990	10-500	0.997	2-500	0.999	2-500
Acridone	Carbamazepine-D10	0.994	0.1-500	0.996	0.2-200	0.999	0.1-200
Alprazolam	Alprazolam-D5	0.999	1-500	0.995	0.5-500	0.999	1-500
Amantadine	Trimethoprim-D9	0.997	1-500	0.998	0.2-500	0.996	0.2-500
Atenolol	Atenolol-D7	1.000	2-500	1.000	0.2-500	0.999	0.5-500
Benzoylcegonine	Sulfamethazine-D4	0.994	2-500	0.990	1-200	0.993	0.5-200
Benzotriazole	Benzotriazole-D4	0.998	1-500	0.999	0.5-500	0.996	1-500
Bezafibrate	Bezafibrate-D4	1.000	1-500	0.999	1-500	0.998	1-500
Bisphenol-A	Bisphenol-A-D8	0.999	0.2-500	0.998	0.5-500	0.998	0.5-500
Bromazepam	Bromazepam-D4	0.995	1-500	0.992	1-500	0.991	2-500
Caffeine	Caffeine-13C3	0.995	10-500	0.997	0.5-500	0.997	0.5-500
Carazolol	Carbamazepine-D10	0.990	0.5-500	0.998	0.2-500	0.999	1-500
Carbamazepine	Carbamazepine-D10	0.997	0.2-500	0.995	0.2-200	0.999	0.2-200
CBZ-10,11-epoxide	Carbamazepine-D10	0.999	0.1-500	0.998	0.1-200	0.994	0.2-200
Chloramphenicol	Ibuprofen-D3	0.992	1-500	0.994	0.5-200	0.997	0.5-500
Chlorpromazine	Chlorpromazine-D3	0.998	1-500	0.999	0.5-500	0.999	0.5-500
Ciprofloxacin	Lamotrigine-13CD3	0.990	2-500	0.993	0.1-500	0.997	0.5-500
Citalopram	Carbamazepine-D10	0.996	1-500	0.997	0.5-200	0.994	2-500
Clarithromycin	Carbamazepine-D10	0.993	2-500	0.996	0.5-200	0.992	2-500
Clofibrilic Acid	Furosemide-D5	0.997	2-500	0.992	1-200	0.999	1-500
Coca-ethylene	Cocaine-D5	0.994	0.5-500	0.997	0.1-500	0.992	0.2-500
Cocaine	Cocaine-D5	0.998	1-500	0.997	0.1-500	0.999	1-500
Codeine	Codeine-D3	0.998	2-500	0.999	0.2-500	0.999	0.1-500
Cotinine	Cotinine-D3	0.998	0.1-500	0.999	0.5-500	0.998	1-500
Diazepam	Bezafibrate-D4	0.998	0.1-500	0.999	0.2-500	0.998	0.5-500
Diclofenac	Diclofenac-13C6	0.999	1-500	0.999	2-500	1.000	10-500
Diltiazem	Carbamazepine-D10	0.996	0.5-500	0.998	0.2-500	0.995	0.5-500
Erythromycin	Erythromycin-13CD3	0.998	1-500	0.998	0.5-500	1.000	1-500
Fenofibrate	Fenofibrate-D6	0.995	10-500	0.998	10-500	0.999	10-500
Fipronil	Fipronil-13C3	0.995	1-500	0.999	1-200	0.992	2-200
Fipronil desulfenil	Fipronil-13C3	0.996	1-500	0.996	1-200	0.995	1-500
Fipronil sulfide	Fipronil-13C3	0.994	10-500	0.996	1-500	0.998	10-500
Fipronil sulfone	Fipronil-13C3	0.999	2-500	0.996	1-200	0.995	10-500
Fluconazole	Fluconazole-13C3	0.999	0.1-500	0.998	0.5-500	0.999	0.5-500
Flumequine	Carbamazepine-D10	0.995	0.2-500	0.995	0.1-500	0.994	0.2-500
Fluoxetine	Fluoxetine-D5	0.999	1-500	0.998	0.1-500	0.999	0.5-500

PhACs	IS	<i>Procambarus Clarkii</i>		<i>Corbicula fluminea</i>		<i>Lepomis gibbosus</i>	
		R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)
Furazolidone	Carbamazepine-D10	0.998	1-500	0.996	0.5-100	0.992	0.5-500
Furosemide	Furosemide-D5	0.998	1-500	0.999	10-500	0.999	2-500
Hydrochlorothiazide	Hydrochlorothiazide-13CD2	0.999	0.1-500	1.000	0.2-500	0.997	0.2-500
Indomethacin	Indomethacin-D4	0.998	10-500	0.999	10-500	0.999	10-500
Ketoprofen	Ketoprofen-D3	0.997	2-500	0.999	10-500	0.999	10-500
Lamotrigine	Lamotrigine-13CD3	0.999	1-500	0.999	0.5-500	0.994	0.5-500
Loratadine	Carbamazepine-D10	0.997	1-500	0.990	0.5-500	0.994	1-500
Lorazepam	Lorazepam-D4	0.996	1-500	0.998	0.5-500	0.999	1-500
Losartan	Ibesartan-D6	0.998	1-500	0.973	10-500	0.998	10-500
Mefenamic acid	Ibuprofen-D3	0.998	1-500	0.996	1-500	0.998	1-500
Metformin	Metformin-D6	0.988	20-500	0.998	0.5-500	0.999	2-500
Methadone	Carbamazepine-D10	0.991	1-500	0.997	0.2-200	0.994	1-500
Metoprolol	Metoprolol-D7	0.999	1-500	0.999	1-500	0.999	0.2-500
Midazolam	Midazolam-13C6	0.998	0.5-500	0.996	0.5-500	0.999	0.2-500
Morphine	Morphine-D3	0.996	2-500	0.999	1-500	0.998	2-500
N-acethyl_SMX	Venlafaxine-D6	0.998	0.5-500	0.994	0.5-500	0.991	1-500
Nalidixin_acid	Venlafaxine-D6	0.997	0.2-500	0.998	0.1-200	0.995	0.2-500
N-Desmethylcitalopram	Carbamazepine-D10	0.994	0.5-500	0.992	0.5-500	0.990	1-500
Nicotine	Nicotine-D4	0.998	20-500	0.999	2-500	0.996	10-500
Norfluoxetine	Norfluoxetine-D6	0.997	10-500	1.000	1-500	1.000	10-500
O-desmethylvenlafaxine	Venlafaxine-D6	0.996	0.5-200	0.993	0.1-200	0.994	0.2-200
Omeprazole	Carbamazepine-D10	0.995	10-200	0.998	20-500	0.504	10-500
Oseltamivir	Oseltamivir-D3	0.998	2-500	0.999	0.2-500	0.998	1-500
Oseltamivir-CBX	Oseltamivir-D3	0.998	2-500	0.998	0.2-200	0.996	2-500
Oxazepam	Oxazepam-D5	0.999	0.1-500	0.999	0.5-500	0.997	0.5-500
Oxytetracycline	Trimethoprim-D9	0.997	10-500	0.993	10-500	0.987	10-500
Paroxetine	Paroxetine-D4	0.997	2-500	0.998	0.1-500	0.999	0.2-500
Pentobarbital	Pentobarbital-D5	0.992	1-500	0.998	0.5-500	1.000	1-500
Propyphenazone	Carbamazepine-D10	0.999	0.1-200	0.999	0.1-200	0.997	0.2-200
Quetiapine	Bromazepam-D4	0.996	0.5-500	0.999	0.2-500	0.999	0.5-500
Salbutamol	Salbutamol D6	0.993	0.1-200	0.990	0.5-500	0.997	0.2-500
Salicylic_acid	Sotalol-D6	0.996	0.1-500	0.997	2-500	0.996	0.1-500
Sertraline	Sertraline-D3	0.996	1-500	1.000	0.1-500	0.997	1-100
Sitagliptin	Sitagliptin-D4	0.998	2-500	1.000	0.5-500	1.000	1-500
Sotalol	Sotalol-D6	0.996	2-200	0.999	0.2-500	0.998	0.2-500
Sulfadimethoxine	Bromazepam-D4	0.997	0.1-500	0.995	0.2-500	0.996	0.2-500
Sulfamethazine	Sulfamethazine-D4	0.997	1-500	0.999	2-500	0.999	0.5-500
Sulfamethoxazole	Venlafaxine-D6	0.999	1-500	0.999	0.5-500	0.999	0.5-500

PhACs	IS	<i>Procambarus Clarkii</i>		<i>Corbicula fluminea</i>		<i>Lepomis gibbosus</i>	
		R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)
Sulfapyridine	Trimethoprim-D9	0.999	1-500	0.998	0.5-500	0.997	0.2-500
Temazepam	Oxazepam-D5	0.999	0.5-500	0.999	0.2-500	0.999	0.2-500
Tramadol	Tramadol-13CD3	0.997	0.5-500	0.999	0.1-500	0.999	0.1-500
Triclocarban	Fipronil-13C3	0.993	10-500	0.997	1-500	0.985	2-500
Trimethoprim	Trimethoprim-D9	0.996	1-500	0.998	0.1-500	0.998	0.2-500
Valsartan	Valsartan-D3	0.999	0.1-500	0.998	2-500	1.000	10-500
Valsartan acid	Valsartan acid D4	0.996	2-500	0.999	2-500	0.997	10-500
Venlafaxine	Venlafaxine-D6	0.998	0.1-500	0.999	0.1-500	0.999	0.1-500
Verapamil	Fluoxetine-D5	0.996	1-500	0.999	0.5-500	0.992	10-500
Warfarin	Pentobarbital-D5	0.998	1-500	0.991	0.5-200	0.992	0.2-200
Zolpidem	Venlafaxine-D6	0.996	0.5-500	0.994	0.5-500	0.996	1-500

Table S2.2. Quality parameters for quantification purposes of OPFRs

OPFRs	IS	<i>Procambarus Clarkii</i>		<i>Corbicula fluminea</i>		<i>Lepomis gibbosus</i>	
		R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)
TPP	D12-TCEP	n.d.	0.5-500	0.998	0.5-500	0.996	0.5-500
TDBPP	D15-TPhP	1,000	1-500	0.999	0.5-500	0.999	0.5-500
CDP	D15-TPhP	n.d.	20-500	0.998	20-500	0.997	20-500
TnBP	D15-TPhP	n.d.	0.2-500	0.999	0.2-500	0.998	0.2-500
TBEP	D15-TPhP	0.990	0.2-500	0.991	0.2-500	0.990	0.2-500
TMPP	D15-TPhP	0.990	0.5-500	0.995	0.5-500	0.992	0.2-500
TEHP	D15-TPhP	0.995	1-500	0.996	2-500	0.996	1-500
TCEP	D12-TCEP	0.998	0.2-500	0.995	0.2-500	0.990	0.2-500
TCIPP	D18-TCIPP	1,000	2-500	0.998	2-500	0.999	2-500
TDCIPP	D15-TDCIPP	0.998	2-500	0.999	1-500	0.997	1-500
TPhP	D15-TPhP	0.996	0.2-500	0.997	0.2-500	0.995	0.2-500

Table S2.3. Quality parameters for quantification purposes of Pesticides. The IS used were Chlorfenvinphos-d10 and Chlorpyrifos-d10. For the other analytes, quantification was performed with an external standard.

Pesticides	<i>Procambarus Clarkii</i>		<i>Corbicula fluminea</i>		<i>Lepomis gibbosus</i>	
	R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)
Acetamiprid	0.998	10-500	0.997	10-500	0.996	10-500
Alachlor	0.997	2-500	0.997	10-500	0.997	20-500

Pesticides	<i>Procambarus Clarkii</i>		<i>Corbicula fluminea</i>		<i>Lepomis gibbosus</i>	
	R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)
Atrazine	0.998	10-500	0.998	10-500	0.999	10-500
Atrazine-desethyl	0.998	10-500	0.999	10-500	0.999	2-500
Atrazine-desisopropyl	0.995	10-500	0.997	10-500	0.987	10-500
Azinphos-ethyl	0.997	20-500	0.998	2-500	0.999	20-500
Azinphos-methyl	0.994	10-500	0.996	20-500	0.997	10-500
Buprofezin	0.999	20-500	0.999	20-500	0.999	20-500
Carbendazim	0.997	2-500	0.997	10-500	0.996	1-500
Carbofuran	0.998	10-500	0.999	20-500	0.999	10-500
Carbofuran-3-hydroxy	0.998	10-500	0.998	10-500	0.999	10-500
Chlorfenvinphos	0.996	20-500	0.997	10-500	0.999	10-500
Chlorpyrifos	0.994	10-500	0.998	10-500	0.999	20-500
Chlothianidin	0.992	10-500	0.999	10-500	0.998	10-500
Coumaphos	0.997	20-500	0.998	10-500	0.999	2-500
Diazinon	0.996	20-500	0.998	10-500	0.997	20-500
Dichlofenthion	0.993	20-500	0.995	20-500	0.991	20-500
Dimethoate	0.997	10-500	0.998	20-500	0.998	2-500
Diuron	0.997	20-500	0.997	20-500	0.997	20-500
DMA	0.996	20-500	0.998	10-500	0.995	20-500
DMF	0.992	10-500	0.996	10-500	0.996	10-500
DMPF	0.997	10-500	0.998	10-500	0.996	10-500
Ethion	0.999	1-500	0.999	1-500	0.999	2-500
Etofenprox	0.994	20-500	0.997	20-500	0.999	20-500
Fenthion	0.992	20-500	0.996	10-500	0.997	20-500
Fenthion-sulfone	0.998	10-500	0.998	2-500	0.998	1-500
Fenthion sulfoxide	0.995	10-500	0.996	10-500	0.991	2-500
Fipronil	0.994	0.5-500	0.997	0.2-500	0.999	0.2-500
Hexythiazox	0.996	10-500	0.998	2-500	0.998	10-500
Imazalil	0.997	20-500	0.999	2-500	0.999	20-500
Imidacloprid	0.998	10-500	0.999	10-500	0.999	10-500
Isoproturon	0.997	10-500	0.998	2-500	0.997	2-500
Methiocarb	0.998	10-500	0.998	10-500	0.993	10-500
Metolachlor	0.998	10-500	0.999	10-500	0.998	2-500
Molinate	0.996	2-500	0.998	10-500	0.997	2-500
Omethoate	0.997	20-500	0.998	10-500	0.998	20-500
Parathion-ethyl	0.995	20-500	0.997	20-500	0.992	20-500
Prochloraz	0.997	20-500	0.999	10-500	0.999	10-500
Propanil	0.997	20-500	0.998	20-500	0.991	20-500
Propazine	0.997	10-500	0.998	2-500	0.996	2-500
Pyriproxyfen	0.996	20-500	0.997	20-500	0.999	20-500

Pesticides	<i>Procambarus Clarkii</i>		<i>Corbicula fluminea</i>		<i>Lepomis gibbosus</i>	
	R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)
Simazine	0.997	10-500	0.998	10-500	0.997	2-500
Spinosyn A	0.995	10-500	0.996	10-500	0.994	10-500
Spinosyn C	0.994	10-500	0.994	10-500	0.994	2-500
Spinosyn D	0.995	10-500	0.997	2-500	0.995	10-500
Tebuconazole	0.997	10-500	0.998	10-500	0.997	10-500
Terbumeton	0.995	0.5-500	0.997	0.5-500	0.999	0.2-500
Terbumeton deethyl	0.996	0.5-500	0.994	0.5-500	0.999	0.2-500
Terbuthylazine	0.998	0.5-500	0.998	0.5-500	0.998	0.2-500
Terbuthylazine-2-hydroxy	0.997	2-500	0.998	2-500	0.998	2-500
Terbuthylazine-desethyl	0.998	2-500	0.999	10-500	0.999	2-500
Terbutryn	0.992	10-500	0.995	10-500	0.992	2-500
Thiabendazole	0.996	10-500	0.996	10-500	0.999	10-500
Thiamethoxam	0.997	10-500	0.998	10-500	0.999	10-500

Table S2.4. Quality parameters for quantification purposes of PFAS

PFAS	IS	<i>Procambarus Clarkii</i>		<i>Corbicula fluminea</i>		<i>Lepomis gibbosus</i>	
		R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)
PFPeA	PFBA-D	0.990	10-500	0.991	10-500	0.992	10-500
PFBS	PFHxS-D	0.995	1-500	0.998	2-500	0.997	1-500
PFHpA	PFBA-D	0.996	0.5-500	0.993	2-500	0.998	2-500
PFHpS	PFHxS-D	0.991	0.2-500	0.995	1-500	0.998	0.5-500
IpPFNA	PFNA-D	0.992	10-200	0.990	10-500	0.998	10-500
FOUEA	PFDoDA-D	0.993	10-500	0.994	10-500	0.992	10-500
iPFNS	PFOS-D	0.995	0.5-500	0.998	20-500	0.990	0.5-500
PFDS	PFOS-D	0.990	10-500	0.990	10-500	0.994	10-500
PFTTrDA	PFUnDA-D	0.992	0.2-500	0.997	0.2-500	1.000	0.2-500
PFTeDA	PFUnDA-D	0.993	20-500	0.990	20-500	0.990	20-500
PFHxDA	PFUnDA-D	0.990	0.5-500	0.990	20-500	0.994	20-500
PFODA	PFUnDA-D	0.998	10-500	0.999	10-500	0.992	10-500
PFBA	PFBA-D	0.991	10-500	0.996	10-500	0.995	10-500
PFHxA	PFHxA-D	0.995	1-500	0.995	10-500	0.996	10-500
PFHxS	PFHxS-D	0.991	0.1-500	0.990	0.1-500	0.997	0.1-500
PFOA	PFOA-D	0.990	0.2-500	0.992	0.2-500	0.997	0.2-500
PFOS	PFOS-D	0.993	1-500	0.997	10-500	0.992	2-500
PFNA	PFNA-D	0.997	10-500	0.998	10-500	0.995	10-500

PFAS	IS	<i>Procambarus Clarkii</i>		<i>Corbicula fluminea</i>		<i>Lepomis gibbosus</i>	
		R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)	R ²	Linearity range (ng g ⁻¹)
PFDA	PFDA-D	0.995	0.2-500	0.990	0.2-500	0.992	0.2-500
PFUnDA	PFUnDA-D	0.990	0.5-500	0.991	0.5-500	0.993	0.5-500
PFDODA	PFDODA-D	1.000	20-500	0.997	20-500	0.995	20-500

Table S1. Validation parameters

CECs	Procambarus clarkii					Anodonta cygnea					Leopomis gibbosus					Caraculus fluminea																
	10 ng g ⁻¹		100 ng g ⁻¹		LOQ (ng g ⁻¹)	10 ng g ⁻¹		100 ng g ⁻¹		LOQ (ng g ⁻¹)	10 ng g ⁻¹		100 ng g ⁻¹		LOQ (ng g ⁻¹)	10 ng g ⁻¹		100 ng g ⁻¹		LOQ (ng g ⁻¹)												
	Recovery (%)	Matrix Effect	Recovery (%)	Matrix Effect		Recovery (%)	Matrix Effect	Recovery (%)	Matrix Effect		Recovery (%)	Matrix Effect	Recovery (%)	Matrix Effect		Recovery (%)	Matrix Effect															
OPPs	THP	151	30	114	0.04	120	134	21	-89	144	24	-83	70	11	140	76	14	142	0.09	0.26												
	THPP	105	79	146	0.19	0.57	28	15	-62	38	36	-60	142	7	126	148	9	128	0.14	0.42												
	CDP	<LOQ	75	11	0.86	4.00	<LOQ	17	-48	72	17	-48	<LOQ	91	125	71	35	104	0.00	0.00												
	THP	109	8	155	0.06	0.17	90	21	-315	100	13	-135	100	17	133	106	20	135	0.08	0.18												
	THPP	72	32	74	0.06	0.25	71	17	-92	81	13	-90	108	22	72	104	24	74	0.06	0.18												
	THP	120	13	139	0.01	0.93	77	14	-67	87	17	-63	104	31	113	110	34	115	0.19	0.08												
	THP	122	12	148	0.04	0.27	103	2	-113	113	2	-113	104	12	104	110	15	105	0.19	0.08												
	THP	105	11	166	0.40	1.20	103	3	-44	103	2	-44	104	12	104	110	15	105	0.41	0.22												
	THP	48	26	78	0.42	1.86	103	2	-92	113	2	-90	103	38	88	89	40	78	0.42	0.22												
	THP	99	1	55	0.06	0.18	103	3	-38	113	5	-42	105	2	52	111	5	54	0.06	0.17												
PAHs	PFBA	123	45	103	1.5	4.4	75	16	152	88	8	156	92	22	79	98	28	83	0.2	5.9												
	PFBA	89	31	-55	102	17	-12	0.3	0.8	98	23	-57	101	11	-14	0.2	0.7	116	72	34	85	0.2	5.9									
	PFBA	99	19	9	0.01	0.01	86	24	-37	101	11	-44	76	12	116	72	34	85	0.01	0.01												
	PFBA	89	42	-28	102	12	73	30	-33	106	15	9	25	80	6	-28	91	14	-24	0.1	0.2											
	PFBA	89	25	-28	102	12	73	30	-33	106	15	9	25	80	6	-28	91	14	-24	0.1	0.2											
	PFBA	99	20	-8	112	12	85	21	-6	92	11	37	26	44	93	31	-40	12	3.6	77	3	-41	83	4	-39	1.0	3.0					
	PFBA	47	18	-54	50	11	44	29	87	56	27	87	108	4	-48	114	9	-46	1.3	3.4	99	4	-30	105	5	-46	1.4	4.1				
	PFBA	79	17	-61	102	10	-38	0.1	0.2	87	9	-83	100	4	-83	106	4	-83	0.04	0.1	102	3	-85	108	4	-83	0.0	0.1				
	PFBA	69	8	-58	101	15	-46	0.1	0.3	101	15	-46	0.1	0.3	101	15	-46	0.1	0.3	101	15	-46	0.1	0.3	101	15	-46	0.1	0.3			
	PFBA	201	20	51	104	0.9	2.7	70	23	153	89	11	186	85	16	50	85	12	-55	4.3	12.9	72	3	-88	4.3	12.9	72	3	-88	4.3	12.9	
PAHs	PFBA	81	44	-10	95	14	33	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
PESTICIDES	PFBA	89	25	-37	102	14	6	0.9	2.7	103	14	-6	96	13	-54	75	18	-50	1.2	3.5	54	17	-46	60	16	-44	1.5	4.5	4.5	4.5		
	PFBA	94	17	14	90	10	57	0.1	0.2	99	10	3	94	5	46	0.1	0.2	97	5	-9	103	11	-5	103	11	-5	103	11	-5	103	11	-5
	PFBA	47	11	-53	107	17	-30	0.1	0.4	72	10	-38	0.1	0.2	77	7	-86	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
PAHs	PFBA	89	25	-37	102	14	6	0.9	2.7	103	14	-6	96	13	-54	75	18	-50	1.2	3.5	54	17	-46	60	16	-44	1.5	4.5	4.5	4.5		
	PFBA	94	17	14	90	10	57	0.1	0.2	99	10	3	94	5	46	0.1	0.2	97	5	-9	103	11	-5	103	11	-5	103	11	-5	103	11	-5
	PFBA	47	11	-53	107	17	-30	0.1	0.4	72	10	-38	0.1	0.2	77	7	-86	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
	PFBA	120	16	-11	92	10	32	0.0	0.0	96	22	-43	93	7	78	10	3.0	82	5	29	12	3.6	63	16	59	69	15	61	1.6	4.8		
PAHs	PFBA	89	25	-37	102	14	6	0.9	2.7	10																						

CECs	Procambarus clarkii					Anodonta cygnea					Leopomis gibbosus					Caraculus fluminea						
	10 ng g ⁻¹		100 ng g ⁻¹		LOQ	10 ng g ⁻¹		100 ng g ⁻¹		LOQ	10 ng g ⁻¹		100 ng g ⁻¹		LOQ	10 ng g ⁻¹		100 ng g ⁻¹		LOQ		
	Recovery (%)	MaxEffect	Recovery (%)	MaxEffect	LOQ (ng g ⁻¹)	Recovery (%)	MaxEffect	Recovery (%)	MaxEffect	LOQ (ng g ⁻¹)	Recovery (%)	MaxEffect	Recovery (%)	MaxEffect	LOQ (ng g ⁻¹)	Recovery (%)	MaxEffect	Recovery (%)	MaxEffect	LOQ (ng g ⁻¹)		
Amantadine	89	12	-46	-52	0.57	1.51	113	23	60	0.68	108	27	77	109	8	144	0.69	0.69	0.21	0.21	0.69	
Atenolol	87	5	-64	-77	0	-70	0.16	0.53	91	4	-10	113	4	-30	0.05	0.15	0.15	0.15	0.21	0.21	0.21	
Atorvastatin	<20	-	-100	-	-100	-	-100	-	-67	-	-	-	-	-	-	-	-	-	-	-	-	
Benzoylcholine	102	1	-46	71	0.69	2.30	115	2	-28	0.05	102	6	-20	115	2	-28	0.05	0.17	0.43	0.43	0.17	
Benflumazone	85	5	-20	85	0.16	0.58	116	3	-26	0.06	100	11	118	15	2	-20	0.10	0.10	0.17	0.17	0.10	
Bifenthrin	87	8	-40	87	0.17	0.53	116	3	-26	0.06	100	11	118	15	2	-20	0.10	0.10	0.17	0.17	0.10	
Bisphenol-A	85	5	-20	85	0.16	0.58	116	3	-26	0.06	100	11	118	15	2	-20	0.10	0.10	0.17	0.17	0.10	
Buproprion	85	4	-40	71	0.57	1.88	111	11	-91	0.61	109	6	-31	109	6	-31	0.09	0.31	0.66	0.66	0.31	
Carbazole	114	0.2	-86	118	11.1	0.57	1.88	111	11	-91	0.61	109	6	-31	109	6	-31	0.09	0.31	0.66	0.66	0.31
Carbamazepine	97	1	-33	86	1	-45	0.23	0.77	101	7	-21	110	8	-32	101	7	-21	0.11	0.11	0.38	0.38	0.11
CEC-1011-epoxide	91	1	-10	73	0	-34	0.12	0.38	97	9	-9	93	18	-29	97	9	-9	0.45	0.45	0.31	0.31	0.45
Chlorpyrifos	<20	36	-7	<20	0.41	1.60	120	0.7	-62	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Cyfluthrin	82	8	-84	84	0.38	1.00	110	8	-32	0.11	97	18	1	101	7	-31	0.05	0.05	0.18	0.18	0.05	
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10	-56	93	0.15	0.46	109	5	-21	0.09	0.31	86	7	-31	102	5	-11	0.05	0.05	0.18	0.18	0.05
Glutathione	83	10																				

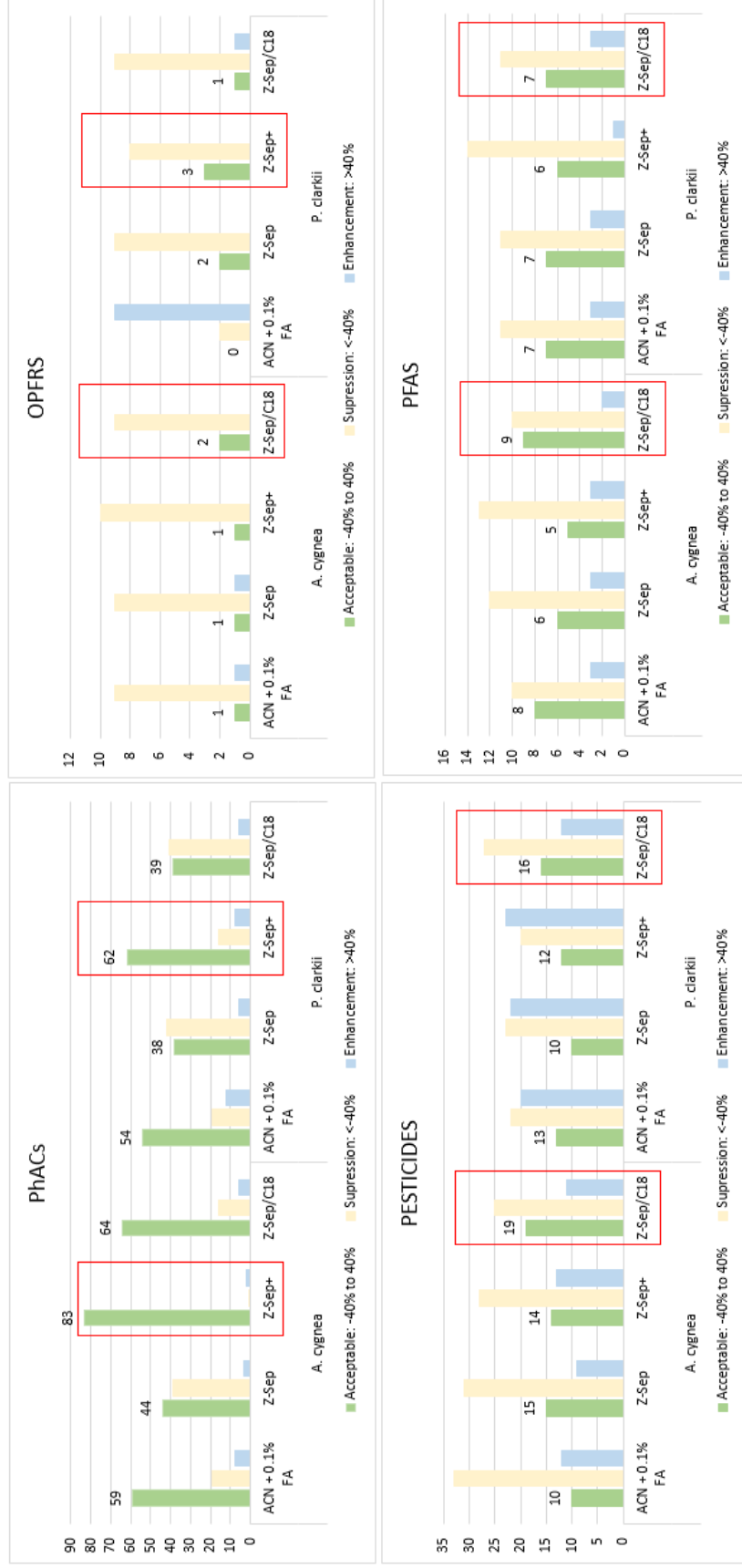


Fig. S1. Matrix effect before and after the clean-up step