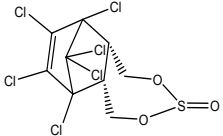
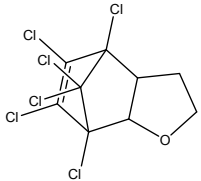
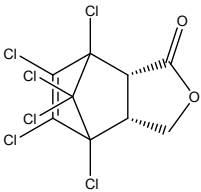
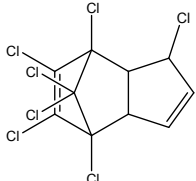


Supporting Information Table S1

Some information of pesticides

Pesticide	CAS	Formula	Molecular Weight	Structure
α -endosulfan	959-98-8	$C_9H_6Cl_6O_3S$	406.93	
Endosulfan-ether	3369-52-6	$C_9H_6Cl_6O$	342.86	
Endosulfan lacton	3868-61-9	$C_9H_4Cl_6O_2$	356.84	
Heptachlor	76-44-8	$C_{10}H_5Cl_7$	373.35	

Supporting Information Table S2

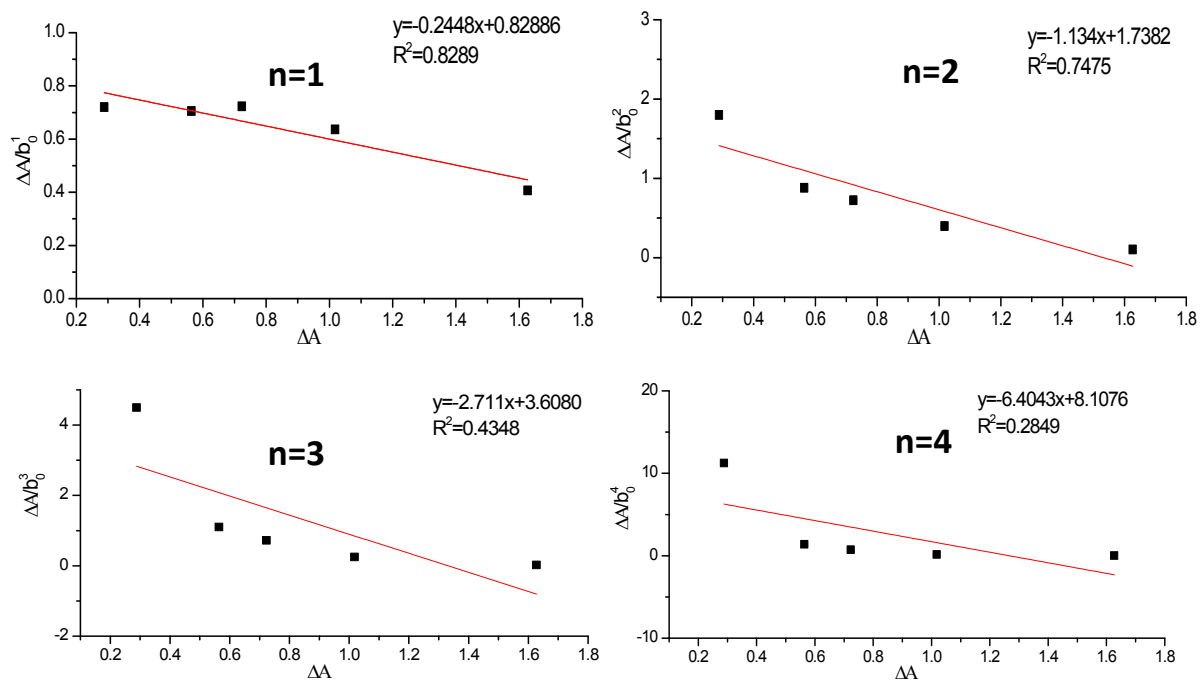
Linear ranges, linear equations, correlation coefficients and LOD of pesticides

Pesticides	Linear range (mg L ⁻¹)	Linear regression equation	Coefficient of correlation (R ²)	LOD (mg kg ⁻¹)
Endosulfan-ether	0.01~0.5	y=587260.64x-1299.99	0.99985	0.001
Heptachlor	0.01~0.5	y=391056.56x-1124.81	0.99988	0.001
Heptachlor-exo-epoxide	0.01~0.5	y=445407.34x-1059.94	0.99988	0.001
Heptachlor-endo-epoxide	0.01~0.5	y=477269.23x-1035.33	0.99990	0.001
Endosulfan lacton	0.01~0.5	y=452137.29x-691.69	0.99988	0.001
α -Endosulfan	0.01~0.5	y=453913.56x-965.94	0.99988	0.001
β -Endosulfan	0.01~0.5	y=347596.22x-629.78	0.99987	0.001
Endosulfate	0.01~0.5	y=77144.15x+122.57	0.99988	0.002

Supporting Information Table S3

Recoveries and RSD of pesticides in pork(n=6)

Sample	Spiked concentration (mg kg ⁻¹)	Recovery (%)						Average	RSD (%)
		1	2	3	4	5	6		
Endosulfan-ether	0.005	107.00	108.00	107.00	104.00	107.00	108.00	106.83	1.4
	0.025	80.20	80.80	76.20	82.00	78.20	76.00	78.90	3.2
	0.05	62.30	60.10	60.10	63.90	60.50	61.30	61.37	2.4
Heptachlor	0.005	60.00	62.00	60.00	61.00	62.00	63.00	61.33	2.0
	0.025	81.80	81.80	76.80	81.80	79.40	77.00	79.77	3.0
	0.05	62.80	58.00	57.70	59.80	60.90	56.90	59.35	3.8
Heptachlor-exo- epoxide	0.005	62.00	51.00	51.00	70.00	71.00	73.00	63.00	15.9
	0.025	77.60	77.00	72.40	79.00	76.20	73.60	75.97	3.3
	0.05	63.00	56.60	58.80	57.60	57.70	55.50	58.20	4.5
Heptachlor-endo- epoxide	0.005	62.00	63.00	72.00	61.00	67.00	71.00	66.00	7.2
	0.025	76.80	76.40	72.00	78.00	75.40	73.00	75.27	3.1
	0.05	61.60	56.80	56.00	58.80	59.00	56.60	58.13	3.6
Endosulfan lacton	0.005	53.00	52.00	51.00	50.00	50.00	51.00	51.17	2.3
	0.025	100.60	99.40	95.00	102.80	99.20	96.20	98.87	2.9
	0.05	84.40	77.20	76.10	79.50	79.50	76.30	78.83	3.9
α -Endosulfan	0.005	82.00	93.00	105.00	92.00	103.00	97.00	95.33	8.8
	0.025	110.00	108.60	102.00	114.00	108.40	103.40	107.73	4.1
	0.05	106.20	96.50	94.80	100.50	100.63	95.80	99.07	4.3
β -Endosulfan	0.005	75.00	69.00	84.00	67.00	83.00	84.00	77.00	10.1
	0.025	111.60	107.00	121.00	107.40	88.20	82.40	102.93	14.3
	0.05	96.10	86.30	84.50	90.50	89.70	85.00	88.68	4.9
Endosulfate	0.005	68.29	78.05	82.93	73.17	75.61	78.05	76.02	6.5
	0.025	50.79	51.83	50.26	50.79	52.36	53.40	50.96	2.3
	0.05	59.17	59.76	64.50	62.13	61.54	66.86	59.17	4.7



Supporting Information Figure S1 Plots of $\Delta A/B_0^n$ vs. ΔA for the interaction of endosulfan with MAA.

