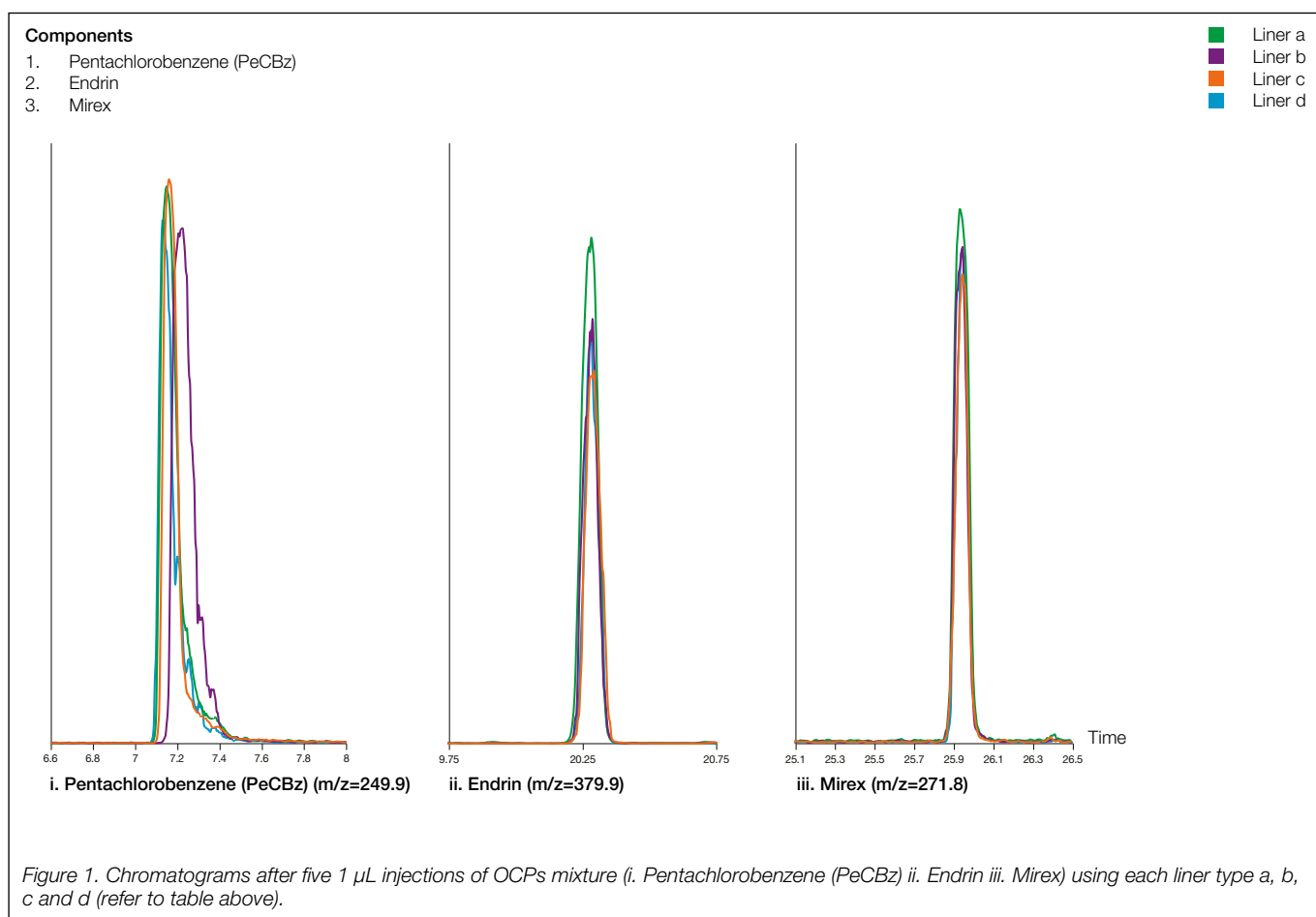


Analysis of organochlorine pesticides (OCPs) in persistent organic pollutants (POPs) SGE OptChem inlet liner

SGE OptChem™ inlet liner part numbers 0926201901 PK1, 09262019 PK5			
Liner types	a. SGE OptChem taper inlet liner with quartz wool and pre-fitted CRS ONE o-ring, 4 mm ID, length 78.5 mm (part number 0926201901, PK1; part number 09262019, PK5)	GCMS	Agilent 7890A Gas Chromatograph
	b. SGE OptChem taper FocusLiner with quartz wool and pre-fitted CRS ONE o-ring, 4 mm ID, length 78.5 mm (part number 0926200301, PK1; part number 09262003, PK5) c. SGE OptChem taper FocusLiner with pre-fitted CRS ONE o-ring, 2.3 mm ID, length 78.5 mm (part number 0926211101, PK1; part number 09262111, PK5) d. Competitor deactivated liner	Sampler	Agilent 7693, 5.0 µL syringe
		Injection mode	1 µL pulsed splitless, 250°C, injection pulse 32 psi (1.5 min), purge flow to split vent 50 mL/min (1 min)
		Carrier gas	He, constant 2 mL/min
		Oven	120°C (1 min), 5°C/min to 245°C, 20°C/min to 300°C (2 min)
Column	(5%-phenyl), 95% methylpolysiloxane 30 m x 0.25 mm x 0.25 µm	Run time	30.75 min
Guard column	430 µm OD x 320 µm ID x 2 m length deactivated fused silica tubing (part number 0624470)	MS	Agilent 7000C with electron impact ionization source operated in multiple reaction monitoring (MRM) mode
		Ionization mode	Positive
Septa	11 mm OD BTO premium high-temp center guide GC septa (part number 041898, PK25)	Source	150°C
Sample	Environmental pollutants OCPs mixture of PeCBz, Endrin, and Mirex each at 909 pg/µL	Quadrupole 1 and 2	No heating
		Transfer line	330 °C



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