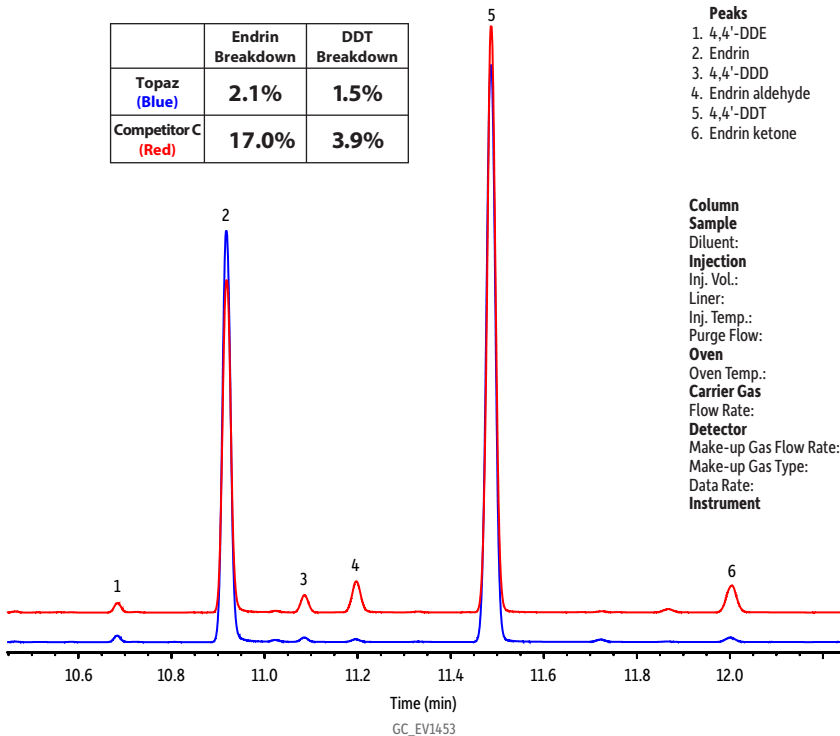


Low Endrin and DDT Breakdown on Topaz vs. Competitor Liner

	Endrin Breakdown	DDT Breakdown
Topaz (Blue)	2.1%	1.5%
Competitor C (Red)	17.0%	3.9%



Peaks	t _R (min)	Conc. (ng/mL)
1. 4,4'-DDE	10.685	*
2. Endrin	10.920	50
3. 4,4'-DDD	11.087	*
4. Endrin aldehyde	11.198	*
5. 4,4'-DDT	11.488	100
6. Endrin ketone	12.005	*

*Breakdown products

Column	Rxi-5ms, 15 m, 0.25 mm ID, 0.25 µm (cat.# 13420)
Sample	Endrin (50 ng/mL) and DDT (100 ng/mL)
Diluent:	<i>n</i> -Hexane
Injection	
Inj. Vol.:	1 µL splitless (hold 1.2 min)
Liner:	Topaz 4.0 mm single taper with wool (cat.# 23303)
Inj. Temp.:	250 °C
Purge Flow:	20 mL/min
Oven	
Oven Temp.:	50 °C (hold 1.2 min) to 240 °C at 20 °C/min to 265 °C at 6 °C/min
Carrier Gas	He, constant flow
Flow Rate:	1.5 mL/min
Detector	ECD @ 300 °C
Make-up Gas Flow Rate:	60 mL/min
Make-up Gas Type:	N ₂
Data Rate:	20 Hz
Instrument	Agilent 7890A GC