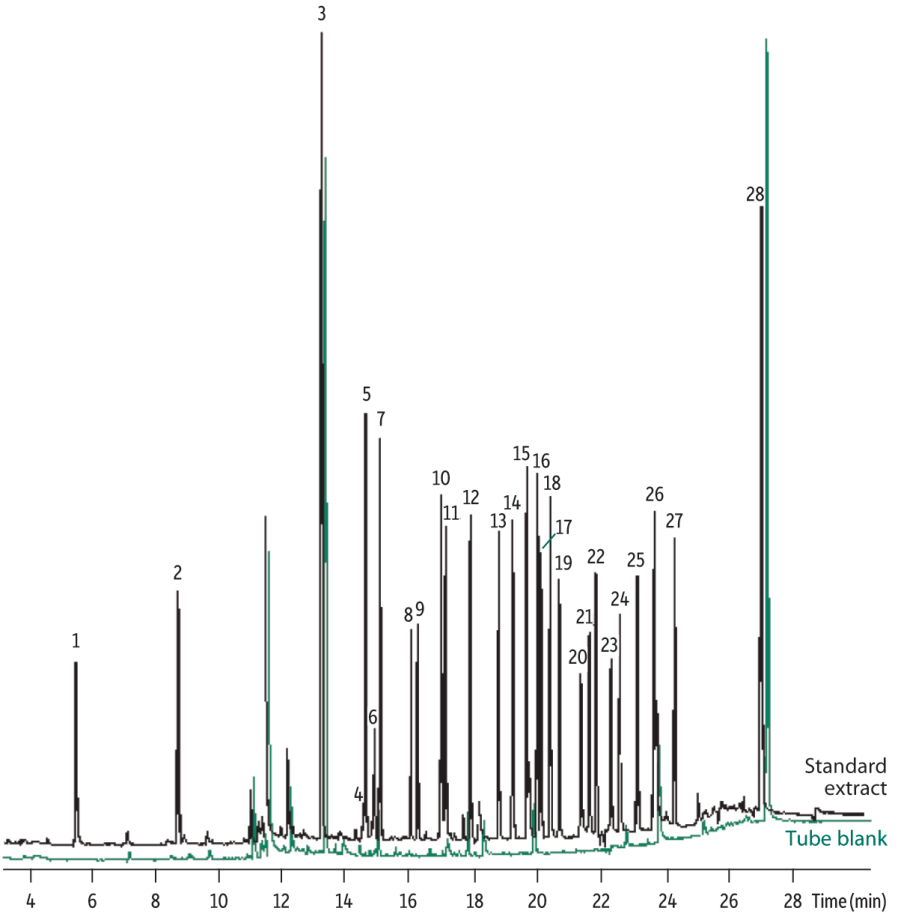
Method 8081B Chlorinated Pesticides on Rtx-CLPesticides2



Peaks	
1.	Dibromochloropropane
2.	Hexachlorocyclopentadiene
3.	Tetrachloro-*m*-xylene
4.	*cis*-Diallate
5.	Hexachlorobenzene
6.	*trans*-Diallate
7.	α-BHC
8.	γ-BHC
9.	β-BHC
10.	δ-BHC
11.	Heptachlor
12.	Aldrin
13.	Isodrin
14.	Heptachlor epoxide

Peaks	
15.	*trans*-Chlordane
16.	*cis*-Chlordane
17.	Endosulfan I
18.	4,4'-DDE
19.	Dieldrin
20.	Endrin/chlorobenzilate
21.	4,4'-DDD
22.	Endosulfan II
23.	4,4'-DDT
24.	Endrin aldehyde
25.	Endosulfan sulfate
26.	Methoxychlor
27.	Endrin ketone
28.	Decachlorobiphenyl

Column	Rtx-CLPesticides2, 30 m, 0.32 mm ID, 0.25 µm (cat.# 11324)
Standard/Sample	Organochlorine pesticide mix AB #1 (cat.# 32291) Pesticide surrogate mix, EPA 8080, 8081 (cat.# 32000) Organochlorine pesticide mix C #1 (cat.# 32296)
Diluent:	Hexane
Injection	Direct
Liner:	Drilled Uniliner
Inj. Temp.:	220 °C
Oven	
Oven Temp.:	80 °C (hold 1 min) to 300 °C at 9 °C/min (hold 10 min)
Carrier Gas	He
Detector	ECD @ 310 °C
Sample Preparation	*Sample:* 0.5 - 1.0 mL solvent extracted sample exchanged into hexane Standards and surrogates were spiked into hexane *Tube:* 3 mL, 250 mg CarboPrep 90 *Tube conditioning:* Apply 2 mL CH_2Cl_2:hexane (20:80) and pass through tube *Extract cleanup:* Prepare collection rack with vials, place under each tube. Add 0.5 - 1.0 mL of extracted sample to tube and collect all solutions passing through. Do not expose carbon bed to air. Add 20 mL of CH_2Cl_2:hexane (20:80) to tube and allow it to elute using gravity feed. *Extract concentration:* Solvent exchange extract to hexane Do not allow extracts to dry completely Concentrate extract to 0.5 - 1.0 mL Sample is ready for analysis.