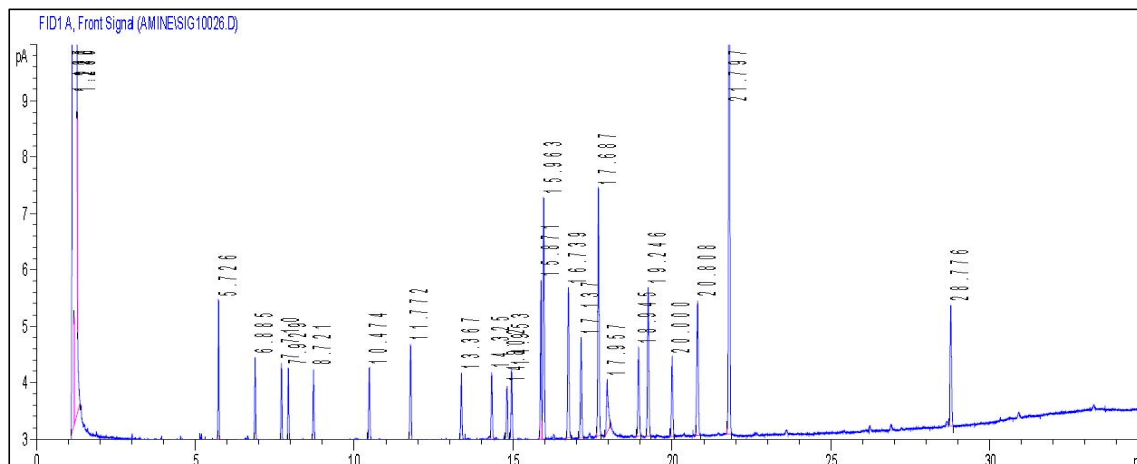




## 22种含氯杀虫剂 (Pesticides, 22)在NanoChrom BP-5MS上的分离与检测



**Column:** NanoChrom BP-5MS  
**Dimension:** 30m×0.25mm×0.25µm  
**Oven:** 150 °C to 275 °C (hold 12 min) at 4 °C/min  
**Carrier:** Nitrogen, constant flow 0.7 mL/min  
**Inlet:** Split, 220 °C.  
**Detector:** ECD 300 °C

Peak	Compound	Retention time (min)
1	2, 4, 5, 6-Tetrachlorom-xylene (IS) (2, 4, 5, 6-四氯二甲苯 (IS))	5.726
2	α-BHC (α-六六六)	6.885
3	β-BHC (β-六六六)	7.710
4	γ-BHC (γ-六六六)	7.929
5	δ-BHC (δ-六六六)	8.721
6	Heptachlor (七氯)	10.474
7	Aldrin (艾氏剂)	11.772
8	Heptachlor epoxide (环氧七氯)	13.367
9	γ-Chlordane (γ-氯丹)	14.325
10	Endosulfan I (硫丹I)	14.802
11	α-Chlordane (α-氯丹)	14.953
12	Dieldrin (狄氏剂)	15.871
13	p, p'-DDE (p, p'-滴滴伊)	15.963
14	Endrin (异狄氏剂)	16.739
15	Endosulfan II (硫丹II)	17.137
16	p, p'-DDD (p, p'-滴滴涕)	17.687
17	Endrin aldehyde (异狄氏剂)	17.867
18	Endosulfan sulfate (硫丹硫酸)	18.945
19	p, p'-DDT (p, p'-滴滴涕)	19.246
20	Endrin ketone (异狄氏剂酮)	20.000
21	Methoxychlor (甲氧氯)	20.808
22	Decachlorobiphenyl (IS) (十氯联苯 (IS))	21.797
		28.776