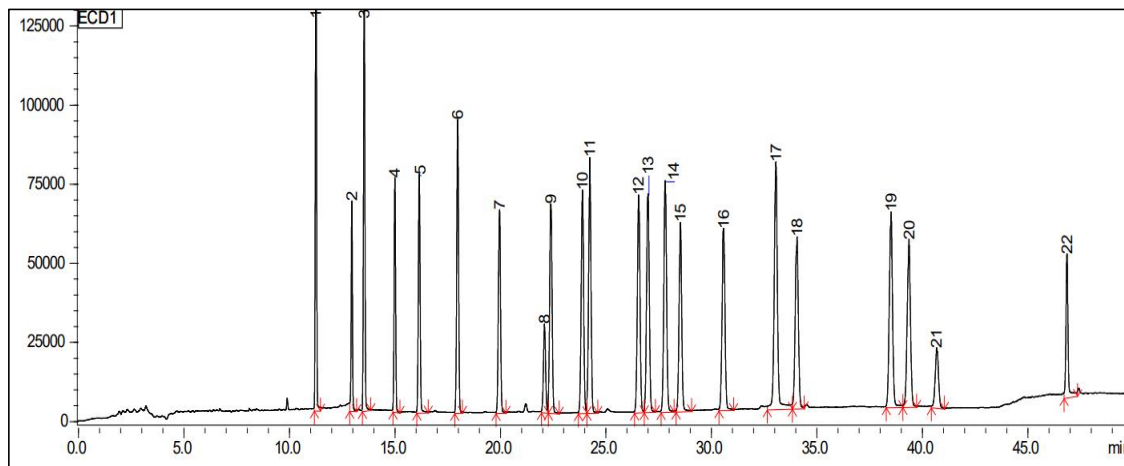




## 有机氯在NanoChrom BP-1701MS上的分离与检测



Column: NanoChrom BP-1701MS  
 Dimension: 30m×0.25mm×0.25μm  
 Oven: 60 °C (0.3 min), 60 °C/min to 170 °C, 10 °C/min to 215 °C (12 min), 1 °C/min to 240 °C (12 min), 30 °C/min to 280 °C (5 min)  
 Carrier: Nitrogen, constant flow 0.7 mL/min  
 Inlet: Split, 220 °C.  
 Detector: ECD 300 °C

Peak	Compound	Retention time (min)	Resolution
1	Hexachlorobenzene (六氯苯)	11.3	
2	α-BHC (α-六六六)	13.013	
3	Pentachloronitrobenzene (五氯硝基苯)	13.587	
4	γ-BHC (γ-六六六)	15.049	
5	Heptachlor (七氯)	16.198	
6	Aldrin (艾氏剂)	18.028	
7	β-BHC (β-六六六)	20.012	
8	δ-BHC (δ-六六六)	22.136	
9	Chlordane oxide (氧化氯丹)	22.435	1.548
10	CIS-Heptachlorepoide (顺氏环氧七氯)	23.932	
11	Trans-Heptachlorepoide (反氏环氧七氯)	24.282	1.713
12	α- Endosulfan (α-硫丹)	26.598	
13	Trans chlordane (反氏氯丹)	27.11	1.994
14	CIS chlordane (顺氏氯丹)	27.861	3.539
15	p, p'-DDE (p, p'-滴滴伊)	28.582	3.237
16	Dieldrin (狄氏剂)	30.627	
17	Endrin (异狄氏剂)	33.110	
18	o, p'-DDT (o, p'-滴滴涕)	34.108	4.128
19	p, p'-DDD (p, p'-滴滴滴)	38.559	
20	β- Endosulfan (β-硫丹)	39.412	3.066
21	p, p'-DDT (p, p'-滴滴涕)	40.716	4.686
22	Endosulfan sulfate (硫丹硫酸盐)	46.895	