



## Analysis of 17 Pesticides

Sample: 17 Supelco standards 0.2ug/ml (dilute from 2000ug/ml)

Oven temp.: 175°C (5min) → 15°C/min → 280°C (10min)

Injector temp.: 250°C

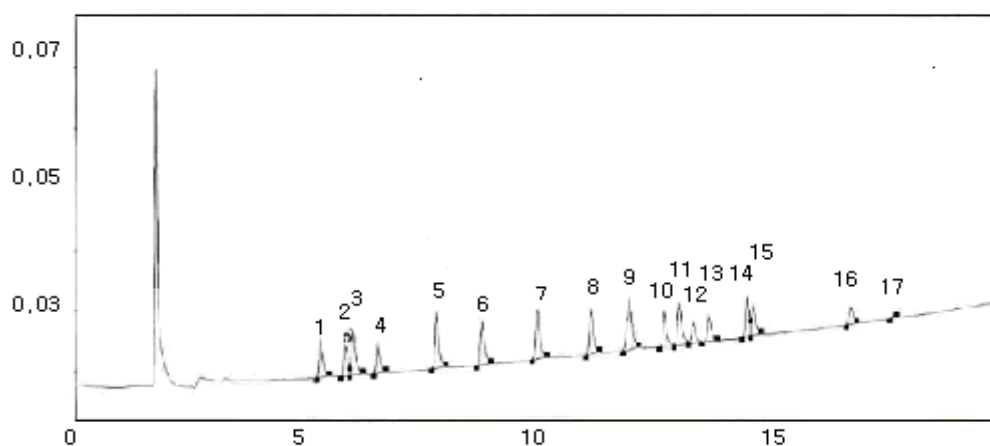
Column: HP-5(5%-Diphenyl-95%-Dimethylsiloxane)

Split: 20:1

Detector temp. : 300°C

Flow rate: 2ml/min

Detector: ECD(range: 5)



	Peak	RT(min)	Area(mV*sec)	Area(%)	Concentration
1	$\alpha$ -BHC	5.267	37.055	6.435	0.2
2	$\beta$ -BHC	5.793	27.579	4.790	0.2
3	$\gamma$ -BHC	5.965	43.444	7.545	0.2
4	$\delta$ -BHC	6.490	31.616	5.491	0.2
5	heptachiro	7.775	50.494	8.769	0.2
6	aldrin	8.770	40.585	7.048	0.2
7	Heptachiro E	9.972	47.424	8.236	0.2
8	Endosulfan1	11.132	41.688	7.240	0.2
9	DDE	11.977	64.768	11.248	0.2
10	Dieldrin	12.717	32.097	5.574	0.2
11	Endrin	13.038	40.031	6.952	0.2
12	Endosulfan2	13.345	19.830	3.444	0.2
13	DDD	13.688	22.757	3.952	0.2
14	Endrin aldehyde	14.518	32.078	5.571	0.2
15	Endosulfan sulf	14.642	27.710	4.812	0.2
16	DDT	16.742	14.861	2.581	0.2
17	Methoxychiro	17.670	1.796	0.312	0.2