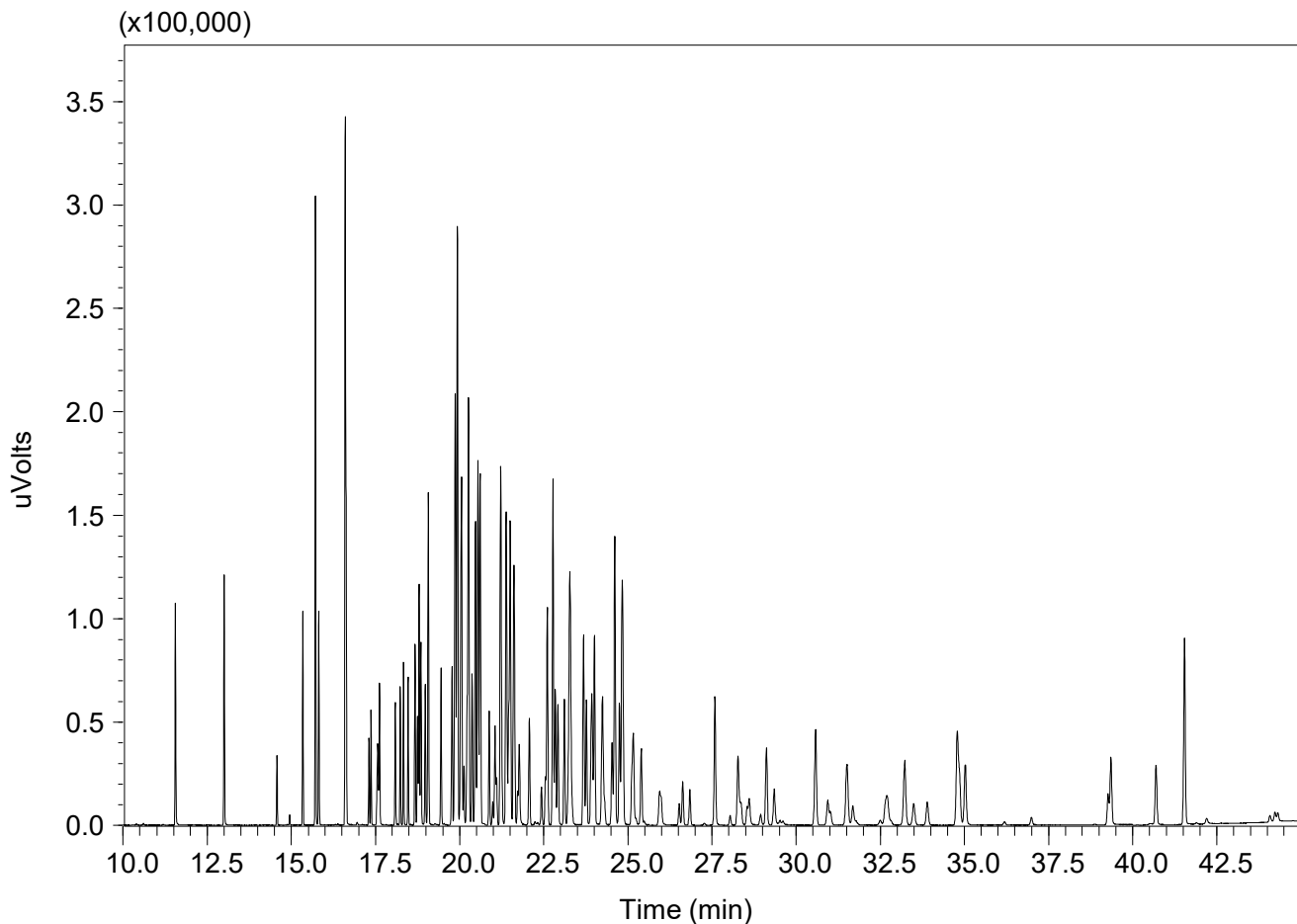


# InertSearch for GC

InertCap Applications

## Pesticides

Data No. GA321-1030



### Conditions

**System** : GC-MS  
**Column** : InertCap 5MS/Sil  
0.25 mm I.D. x 30 m df = 0.25  $\mu$ m  
**Col. Cat. No.** : 1010-15142  
**Col. Temp.** : 50 °C(3 min hold) - 10 °C/min - 200 °C - 3 °C/min - 230 °C(5 min hold) -  
5 °C/min - 280 °C(2 min hold)  
**Carrier Gas** : He 100.0kPa  
**Injection** : Splitless 1min  
250 °C  
**Detection** : MS SIM  
Interface Temp. 280 °C  
**Sample Size** : Analytes in Dichloromethane  
1  $\mu$ L

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## InertCap Applications

### Analyte

No.	Compound name	RT (min)			
1.	Dichlorvos	11.559	56.	(Z)-Dimethylvinphos	21.509
2.	Trichlorfon(DEP)	11.558	57.	Cyanazin	21.592
3.	Dichlobenil	13.007	58.	Fenthion	21.602
4.	Etridiazole	14.573	59.	Chlorthal-dimethyl(TCTP)	21.621
5.	Chloroneb	15.342	60.	Isofenphos Oxon	21.716
6.	Isoproc carb	15.714	61.	Tetraconazole	21.763
7.	Molinate	15.814	62.	Fthalide	22.066
8.	Fenobucarb	16.598	63.	Fosthiazate	22.231
9.	Propoxur(PHC)	16.625	64.	Thiamethoxam	22.427
10.	Trifluralin	17.302	65.	Pendimethalin	22.547
11.	Benfluralin	17.362	66.	Cyprodinil	22.601
12.	Cadusafos	17.562	67.	Dimethametryn	22.77
13.	Pecycuron	17.614	68.	Isofenphos	22.84
14.	Dimethoate	18.085	69.	Methydimron	22.917
15.	Simazine	18.235	70.	Phenthoate	23.108
16.	Atrazine	18.332	71.	Captan	23.225
17.	Diazinon Oxon	18.469	72.	Procymidone	23.26
18.	Cyanophos(CYAP)	18.677	73.	Dimepiperate	23.286
19.	Propyzamide	18.752	74.	Triflumizole	23.308
20.	Diazinon	18.798	75.	Butamifos Oxon	23.323
21.	Pyroquilon	18.855	76.	Methidathion	23.681
22.	Chlorothalonil(TPN)	18.984	77.	Propaphos	23.768
23.	Ethylthiomethon	19.079	78.	Tetrachlorvinphos(CVMP)	23.902
24.	Iprobenfos	19.456	79.	Paclbutrazol	23.932
25.	Tolclofos-methyl Oxon	19.777	80.	Butachlor	24.006
26.	Benfuresate	19.864	81.	$\alpha$ -Endosulfan	24.225
27.	Dichlofenthion	19.877	82.	Butamifos	24.308
28.	MEP Oxon	19.89	83.	Napropamide	24.529
29.	Terbucarb	19.934	84.	Flutolanil	24.61
30.	Propanil(DCPA)	19.937	85.	(E)-Metaminostrobin	24.749
31.	Bromobutide	20.035	86.	Pretilachlor	24.824
32.	Chlorpyrifos-methyl	20.061	87.	Isoprothiolane	24.846
33.	Metribuzin	20.062	88.	Isoxathion Oxon	24.83
34.	Malaoxon	20.126	89.	Uniconazole P	25.121
35.	Simeconazole	20.22	90.	Thifluzamide	25.162
36.	Alachlor	20.258	91.	MPP Oxon Sulfoxide	25.235
37.	Tolclophos-methyl	20.267	92.	MPP Oxon Sulfone	25.388
38.	Simetryn	20.367	93.	Buprofezin	25.398
39.	Malathion	20.459	94.	Cyproconazole	25.989
40.	Ametryn	20.469	95.	Isoxathion	25.949
41.	Cinmethylin	20.534	96.	(Z)-Pyriminobac-methyl	26.524
42.	Prometryn	20.542	97.	MPP sulfoxide	26.626
43.	Dithiopyr	20.598	98.	$\beta$ -Endosulfan	26.631
44.	MPP Oxon	20.607	99.	MPP sulfone	26.84
45.	Pirimiphos-methyl	20.873	100.	Mepronil	27.583
46.	Fenitrothion	20.976	101.	Chlornitrofen(CNP)	28.035
47.	Bromacil	21.046	102.	Edifenphos	28.267
48.	(E)-Dimethylvinphos	21.091	103.	Propiconazole-1	28.271
49.	Esprocarb	21.206	104.	Endsulfane	28.364
50.	Malathon	21.224	105.	(E)-Pyriminobac-methyl	28.539
51.	Chlorpyrifos Oxon	21.247	106.	Propiconazole-2	28.605
52.	Quinoclamine(ACN)	21.368	107.	EPN Oxon	28.944
53.	Metolachlor	21.38	108.	Thenylchlor	29.118
54.	Chlorpyrifos	21.45	109.	Tebuconazole	29.349
55.	Thiobencarb	21.492	110.	Propargite(BPPS)	29.522
			111.	Pyributicarb	30.581
			112.	Pyridaphenthion	30.942
			113.	Acetamiprid	30.933
			114.	Iprodione	31.02
			115.	EPN	31.528
			116.	Piperophos	31.687
			117.	Cumyluron	31.781
			118.	Indanofan	32.5
			119.	Anilofos	32.651
			120.	Oryastrobin	32.713
			121.	Bifenox	32.821
			122.	Furametpyr	33.224
			123.	Iprodion-t	33.506
			124.	Phosalone	33.893
			125.	Pyriproxyfen	34.783
			126.	Mefenacct	34.848
			127.	Cyhalofop-butyl	35.021
			128.	CNP-amino	36.187
			129.	Pyraclofos	36.989
			130.	Etobenzanid	39.265
			131.	Cafenstrole	39.351
			132.	Boscalid	40.691
			133.	Ethofenprox	41.539
			134.	Thiacloprid	42.198
			135.	Difenoconazole	44.23
			136.	Pyrazoxyfen	44.317
			I.S.	Anthracene- <i>d</i> <sub>10</sub>	19.07
				9-Bromoanthracene	24.249
				Chrysene- <i>d</i> <sub>12</sub>	31.503
				Pesticides (1 $\mu$ g/mL each)	