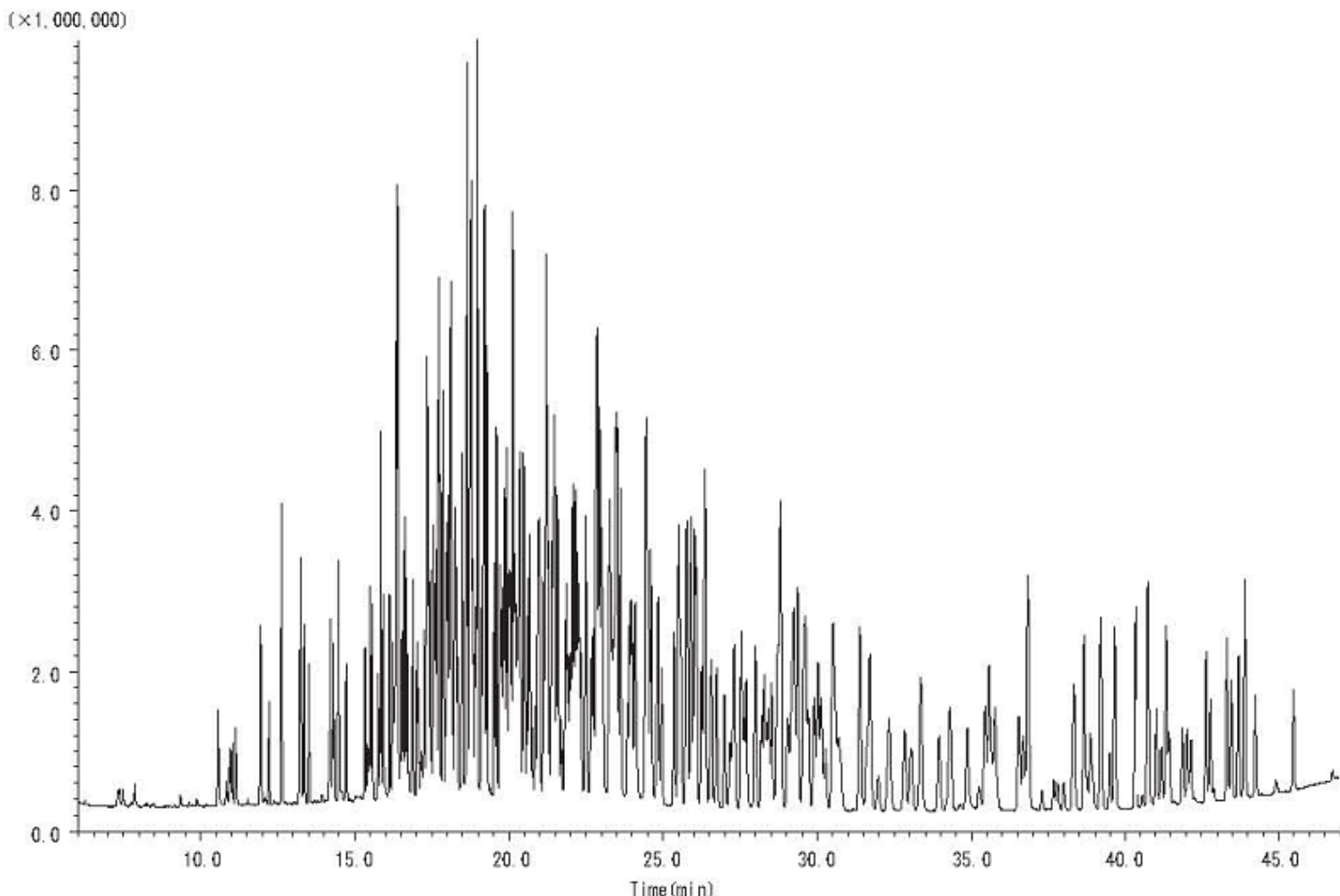


# InertSearch™ for GC

InertCap® Applications

## Pesticides

Data No. GA226-0904



### Conditions

**System** : GC-MS  
**Column** : InertCap Pesticides  
0.25 mm I.D. x 30 m df=0.20 µm  
**Col. Cat. No.** : 1010-15141  
**Col. Temp.** : 50 °C ( 3 min hold ) - 10 °C/min - 200 °C - 3 °C/min -  
230 °C ( 5 min hold ) - 5 °C/min - 300 °C ( 3 min hold )  
**Carrier Gas** : He 100 kPa  
**Injection** : Splitless  
230 °C  
**Detection** : MS Scan (  $m/z = 50 - 500$  )  
**Sample Size** : 1 µL

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InertCap® Applications

## Pesticides

Data No. GA226-0904

No.	Compound name	RT	No.	Compound name	RT	No.	Compound name	RT
1	DCIP	7:20	55	Cyanophos	17:37	109	Quinoclamine	19:55
2	Clofentezine	9:20	56	Fonofos	17:39	110	Metolachlor	19:55
3	Dichlorvos	10:34	57	Propyzamide	17:43	111	Chlorpyrifos	20:00
4	Nereistoxin oxalate	10:57	58	Pyroquilon	17:43	112	Thiobencarb	20:02
5	Allidochlor	11:09	59	Diazinon	17:45	113	Chlorothal dimethyl	20:07
6	Dichlobenil	11:57	60	Phosphamidon E	17:47	114	Fenthion	20:08
7	EPTC	12:14	61	Pyrimethanil	17:51	115	Diethofencarb	20:08
8	Biphenyl	12:37	62	Chlorothalonil	17:52	116	Fenpropimorph	20:11
9	Butylate	13:14	63	Disulfoton	17:57	117	Parathion	20:14
10	Mevinphos	13:15	64	Prohydrojasmon	17:59	118	Cyanazin	20:16
11	Chlormephos	13:22	65	Isazophos	18:01	119	Triadimefon	20:19
12	Etridiazole	13:31	66	Tefluthrin	18:04	120	Tetraconazole	20:21
13	Thiocyclam	14:10	67	Etrimfos	18:07	121	Isocarbophos	20:22
14	Methacrifos	14:13	68	Triallate	18:07	122	Fthalide	20:29
15	Crimidine	14:19	69	$\delta$ -HCH	18:07	123	Nitrothal isopropyl	20:29
16	OPP	14:29	70	Terbacil	18:08	124	Carbetamide	20:31
17	Molinate	14:44	71	Phenothiol	18:10	125	Bromophos metyl	20:36
18	Tecnazene	15:20	72	Tebupirimfos	18:15	126	Diphenamid	20:40
19	Omethoate	15:25	73	Iprobenfos	18:18	127	Fosthiazate-1	20:41
20	Etobenzanid metabolite	15:30	74	Oxabetrinil	18:20	128	Fosthiazate-2	20:46
21	Xylylcarb	15:30	75	MCPB	18:29	129	Thiamethoxam	20:52
22	Propachlor	15:34	76	MCPB ethyl	18:29	130	Pendimethalin	20:56
23	Demeton-S methyl	15:46	77	Phosphamidon Z	18:38	131	Chlorfenvinphos (E type)	20:58
24	Diphenylamine	15:50	78	Dichlofenthion	18:39	132	Cyprodinil	21:00
25	Ethoprophos	15:55	79	Dimethenamid	18:39	133	Penconazole	21:08
26	Ethalfuralin	16:08	80	Benfuresate	18:39	134	Fipronil	21:12
27	Naled	16:09	81	Terbucarb	18:44	135	Dimethametryn	21:12
28	Chlorpropham	16:14	82	Bromobutide	18:46	136	Isofenphos	21:13
29	Phenmedipham	16:17	83	Acetochlor	18:46	137	Tolyfluanid	21:13
30	Dichlofluanid metabolite	16:17	84	Chlorpyrifos methyl	18:47	138	Pyrifenox-1	21:15
31	Trifluralin	16:20	85	Propanil	18:47	139	Chlorfenvinphos (Z type)	21:17
32	Diclotophos	16:20	86	Oxapocconazole metabolite I (Formyl type)	18:50	140	Mecarbam	21:23
33	Salithion	16:21	87	Metribuzin	18:51	141	Ethychlozate	21:24
34	Flusilazole metabolite	16:21	88	Simeconazole	18:58	142	Allethrin-1	21:25
35	Benfluralin	16:23	89	Alachlor	18:58	143	Phenthoate	21:27
36	2,6-Dichlorobenzamide	16:23	90	Tolclophos methyl	18:58	144	Allethrin-2	21:27
37	Sulfotep	16:24	91	Parathion methyl	18:58	145	Quinalphos	21:29
38	Cadusafos	16:32	92	Simetryn	19:07	146	Diclocymet-1	21:29
39	Phorate	16:37	93	Metalaxyl	19:10	147	Captan	21:29
40	$\alpha$ -HCH	16:41	94	Fenchlorphos	19:12	148	Dimepiperate	21:34
41	Thiometon	16:53	95	Vinclozolin	19:13	149	Procymidone	21:35
42	Dimethoate	16:53	96	Ametryne	19:13	150	Triadimenol-1	21:36
43	Dichloran	17:01	97	Cinmethylin	19:13	151	Folpet	21:42
44	Desmedipham	17:09	98	Prometryne	19:17	152	Methoprene	21:49
45	Simazine	17:16	99	Dithiopyr	19:18	153	Ferimzone (E type, Z type)	21:51
46	Quintozene	17:20	100	Pirimiphos methyl	19:32	154	Triadimenol-2	21:52
47	Atrazine	17:21	101	Fenitrothion	19:36	155	Methidathion	21:55
48	Swep	17:21	102	Terbutryne	19:36	156	Chinomethionate	21:59
49	$\beta$ -HCH	17:23	103	Dimethylvinphos (E type)	19:42	157	Diclocymet-2	22:02
50	Dimethipin	17:24	104	Dimethylvinphos (Z type)	19:42	158	Propaphos	22:04
51	$\gamma$ -HCH	17:27	105	Dichlofluanid	19:44	159	Pyrifenox-2	22:04
52	Dioxathion	17:28	106	Esprocarb	19:47	160	Tetrachlorvinphos	22:08
53	Tolyfluanid metabolite	17:32	107	Malathion	19:51	161	Trichlamide	22:10
54	Terbufos	17:34	108	Bromacil	19:51	162	Paclbutrazol	22:10

### Pesticides

Data No. GA226-0904

No.	Compound name	RT	No.	Compound name	RT	No.	Compound name	RT
163	Butachlor	22:14	217	Edifenphos	26:01	271	Furametpyr metabolite	31:42
164	$\alpha$ -Endosulfan	22:17	218	Cyanofenphos	26:02	272	Amitraz	31:59
165	Fenothiocarb	22:20	219	Quinoxifen	26:05	273	Cyhalothrin-2	32:17
166	Ditalimfos	22:29	220	Propiconazole-1	26:05	274	Fenarimol	32:20
167	Butamifos	22:30	221	Trifloxystrobin	26:15	275	Pyrazophos	32:50
168	Napropamide	22:40	222	Propiconazole-2	26:20	276	Azinphos ethyl	33:03
169	Fenamiphos	22:44	223	(E)-Pyriminobac-methyl	26:22	277	Dialifos	33:21
170	Chlorfensol	22:49	224	Lenacil	26:22	278	Acrinathrin	33:22
171	Hexaconazol	22:49	225	Chloridazon	26:32	279	Pyraclufos	33:57
172	Flutolanil	22:52	226	Pyraflufen ethyl	26:34	280	Fenoxaprop ethyl	34:17
173	Prothiofos	22:52	227	Thenylchlor	26:44	281	Spirodiclofen	34:19
174	Metominostrobin (E type)	22:56	228	Tebuconazole	26:59	282	Bitertanol-1	34:52
175	Pretilachlor	22:56	229	Propargite-1	27:10	283	Permethrin-1	35:15
176	Isoprothiolane	23:00	230	Propargite-2	27:14	284	Bitertanol-2	35:17
177	Fludioxonil	23:01	231	Captafol	27:17	285	Fluquinconazole	35:27
178	Profenofos	23:03	232	Diflufenican	27:19	286	Pyridaben	35:34
179	Uniconazole P	23:14	233	Piperonyl butoxide	27:32	287	Oxpoconazole	35:40
180	Oxadiazon	23:16	234	Nitralin	27:37	288	Permethrin-2	35:46
181	Tribufos	23:18	235	Bioresmethrin	27:42	289	Etobenzanid	36:32
182	Thiifluzamid	23:21	236	Pyributicarb	27:59	290	Cafenstrole	36:41
183	Myclobutanil	23:24	237	Chlormethoxynil	28:12	291	Butafenacil	36:49
184	Buprofezin	23:27	238	Pyridaphenthion	28:17	292	Fenbuconazole	36:51
185	Flusilazole	23:28	239	Bromuconazol-1	28:21	293	Cyfluthrin-1	37:17
186	Oxyfluorfen	23:30	240	Iprodione	28:25	294	Cyfluthrin-2	37:41
187	Diclobutrazol	23:31	241	Phosmet	28:31	295	Cyfluthrin-3	37:48
188	Bupirimate	23:31	242	Tetramethrin-1	28:33	296	Cyfluthrin-4	37:59
189	Azaconazole	23:37	243	EPN	28:41	297	Cypermethrin-1	38:16
190	Kresoxim methyl	23:37	244	Bromopropylate	28:44	298	Halfenprox	38:19
191	Chlorfenapyr	23:51	245	Bifenthrin	28:48	299	Cypermethrin-2	38:39
192	Cyflufenamid	23:55	246	Piperophos	28:49	300	Quizalofop ethyl	38:39
193	Cyproconazole-1	23:55	247	Tetramethrin-2	29:03	301	Cypermethrin-3	38:45
194	Isoxathion	23:59	248	Fenoxycarb	29:09	302	Flucythrinate-1	38:51
195	Cyproconazole-2	23:59	249	Bifenazate	29:12	303	Flucythrinate-2	38:51
196	Nitrofen	24:05	250	Etoxazole	29:15	304	Cypermethrin-4	38:56
197	Fenoxanil	24:06	251	Fenpropathrin	29:21	305	Ethofenprox	39:12
198	$\beta$ -Endosulfan	24:26	252	Indanofan	29:22	306	Silafluofen	39:39
199	Chloropropylate	24:27	253	Bromuconazol-2	29:33	307	Pyrimidifen	40:20
200	Chlorobenzilate	24:27	254	Anilofos	29:34	308	Flumioxazin	40:46
201	(Z)-Pyriminobac-methyl	24:31	255	Tebufenpyrad	29:37	309	Esfenvalerate	40:46
202	Fensulfothion	24:36	256	Bifenox	29:42	310	Fluvalinate-1	41:12
203	Diniconazol	24:36	257	Clomeprop	29:54	311	Fenvalerate-1	41:21
204	Oxadixyl	24:48	258	Furametpyr	30:01	312	Fenvalerate-2	41:21
205	Ethion	24:50	259	Etoxazole metabolite	30:01	313	Fluvalinate-2	41:27
206	Chlorothiophos	24:57	260	Tetradifon	30:08	314	Difenoconazole-1	41:53
207	Fluacrypyrim	25:21	261	Iprodione metabolite	30:16	315	Difenoconazole-2	42:02
208	Sulprofos	25:30	262	Leptophos	30:29	316	Pyrazoxyfen	42:10
209	Mepronil	25:31	263	Phosalone	30:31	317	Indoxacarb MP	42:39
210	Triazophos	25:35	264	Phenothrin	30:36	318	Deltamethrin	42:47
211	Benalaxyl	25:45	265	Pentoxazone	30:41	319	Azoxystrobin	43:20
212	Azamethiphos	25:45	266	Azinphos methyl	30:46	320	Dimethomorph-1	43:28
213	CNP	25:47	267	Pyriproxyfen	31:23	321	Famoxadone	43:42
214	Carbophenothion	25:54	268	Mefenacet	31:23	322	Tolfenpyrade	43:54
215	Formothion	25:54	269	Cyhalothrin-1	31:36	323	Dimethomorph-2	44:15
216	Carfentrazone ethyl	25:55	270	Cyhalofop butyl	31:42	324	Fluthiacet methyl	45:29