

1 **Table 1. List of compounds studied, retention time (RT), quantification  $m/z$  ion ( $Q$ ), its elemental**  
 2 **composition and TPP  $m/z$  ion selected.**

RT (min)	Compound	TPP ion ( $m/z$ )	Ion ( $Q$ )	$m/z$
7.27	Dichlorvos	170.0732	C <sub>2</sub> H <sub>6</sub> O <sub>3</sub> P	109.0055
16.37	Chlorpropham	170.0732	C <sub>6</sub> H <sub>6</sub> NCl	127.0189
17.05	Trifluralin	326.0708	C <sub>11</sub> H <sub>11</sub> N <sub>3</sub> O <sub>4</sub> F <sub>3</sub>	306.0702
17.18	Phorate	170.0732	C <sub>4</sub> H <sub>10</sub> O <sub>2</sub> P	121.0418
17.23	$\alpha$ -HCH	170.0732	C <sub>6</sub> H <sub>4</sub> Cl <sub>3</sub>	180.9379
17.49	HCB	326.0708	C <sub>6</sub> <sup>35</sup> Cl <sub>5</sub> <sup>37</sup> Cl	283.8102
18.47	Atrazine	233.0368	C <sub>7</sub> H <sub>11</sub> ClN <sub>5</sub>	200.0703
18.53	$\beta$ -HCH + lindane	170.0732	C <sub>6</sub> H <sub>4</sub> Cl <sub>3</sub>	180.9379
19.03	Terbuthylazine	233.0368	C <sub>8</sub> H <sub>13</sub> ClN <sub>5</sub>	214.0859
19.16	Propyzamide	170.0732	C <sub>7</sub> H <sub>3</sub> OCl <sub>2</sub>	172.9561
19.60	Diazinon	170.0732	C <sub>7</sub> H <sub>9</sub> N <sub>2</sub> O	137.0715
19.85	Chlorothalonil	326.0708	C <sub>8</sub> <sup>35</sup> Cl <sub>3</sub> <sup>35</sup> ClN <sub>2</sub>	265.8786
20.58	Pirimicarb	170.0732	C <sub>8</sub> H <sub>12</sub> N <sub>3</sub> O	166.098
21.05	Metribuzin	233.0368	C <sub>8</sub> H <sub>12</sub> N <sub>3</sub> OS	198.0701
21.27	Chlorpyriphos methyl	326.0708	C <sub>7</sub> H <sub>7</sub> Cl <sub>2</sub> NO <sub>3</sub> PS	285.9261
21.27	Parathion methyl	170.0732	C <sub>2</sub> H <sub>6</sub> O <sub>2</sub> PS	124.9826
21.36	Heptachlor	326.0708	C <sub>5</sub> <sup>35</sup> Cl <sub>5</sub> <sup>37</sup> Cl	271.8102
21.60	Alachlor	170.0732	C <sub>11</sub> H <sub>14</sub> N	160.1126
22.38	Fenitrothion	170.0732	C <sub>2</sub> H <sub>6</sub> O <sub>2</sub> PS	124.9826
22.53	Pirimiphos methyl	326.0708	C <sub>10</sub> H <sub>17</sub> N <sub>3</sub> O <sub>3</sub> PS	290.0728
22.67	Aldrin	326.0708	C <sub>7</sub> H <sub>2</sub> <sup>35</sup> Cl <sub>4</sub> <sup>37</sup> Cl	262.8570
22.89	Malathion	170.0732	C <sub>6</sub> H <sub>7</sub> O <sub>3</sub>	127.0395
22.98	Metholachlor	170.0732	C <sub>11</sub> H <sub>16</sub> N	162.1283
23.12	Fenthion	326.0708	C <sub>10</sub> H <sub>15</sub> O <sub>3</sub> PS <sub>2</sub>	278.0200
23.21	Chlorpyriphos ethyl	233.0368	C <sub>5</sub> H <sub>2</sub> Cl <sub>3</sub> NO	196.9202
23.24	Parathion ethyl	326.0708	C <sub>10</sub> H <sub>14</sub> NO <sub>5</sub> PS	291.0330
23.75	Isodrin	233.0368	C <sub>7</sub> H <sub>4</sub> Cl <sub>3</sub>	192.9379
24.15	Cyprodinil	233.0368	C <sub>14</sub> H <sub>14</sub> N <sub>3</sub>	224.1188
24.41	Pendimethalin	326.0708	C <sub>11</sub> H <sub>14</sub> N <sub>3</sub> O <sub>4</sub>	252.0984
24.79	Chlorfenvinphos	326.0708	C <sub>8</sub> H <sub>6</sub> Cl <sub>2</sub> O <sub>4</sub> P	266.9381
24.85	Quinalphos	170.0732	C <sub>8</sub> H <sub>6</sub> N <sub>2</sub> O	146.0480
25.13	<i>trans</i> -Chlordane	326.0708	C <sub>10</sub> H <sub>6</sub> <sup>35</sup> Cl <sub>6</sub> <sup>37</sup> Cl	372.8260
25.31	Methidathion	170.0732	C <sub>4</sub> H <sub>5</sub> N <sub>2</sub> O <sub>2</sub> S	145.0072
25.55	<i>a</i> -Endosulfan	170.0732	C <sub>8</sub> H <sub>4</sub> Cl <sub>2</sub>	169.9690
26.51	Dieldrin	326.0708	C <sub>7</sub> H <sub>2</sub> <sup>35</sup> Cl <sub>4</sub> <sup>37</sup> Cl	262.8570
26.62	<i>p,p'</i> -DDE	233.0368	C <sub>14</sub> H <sub>8</sub> Cl <sub>2</sub>	246.0003
27.07	Buprofezin	170.0732	C <sub>7</sub> H <sub>7</sub> N	105.0578
27.29	Endrin	326.0708	C <sub>7</sub> H <sub>2</sub> <sup>35</sup> Cl <sub>4</sub> <sup>37</sup> Cl	262.8570
27.66	$\beta$ -Endosulfan	170.0732	C <sub>8</sub> H <sub>4</sub> Cl <sub>2</sub>	169.9690
28.16	<i>p,p'</i> -DDD	233.0368	C <sub>13</sub> H <sub>9</sub> Cl <sub>2</sub>	235.0081
28.35	Oxadixyl	170.0732	C <sub>10</sub> H <sub>13</sub> NO	163.0997
28.42	Ethion	233.0368	C <sub>5</sub> H <sub>12</sub> O <sub>2</sub> PS <sub>3</sub>	230.9737
29.24	Endosulfan sulfate	326.0708	C <sub>5</sub> <sup>35</sup> Cl <sub>5</sub> <sup>37</sup> Cl	271.8102
29.40	Propiconazole I	170.0732	C <sub>7</sub> H <sub>3</sub> OCl <sub>2</sub>	172.9555
29.47	<i>p,p'</i> -DDT	233.0368	C <sub>13</sub> H <sub>9</sub> Cl <sub>2</sub>	235.0081
29.63	Propiconazole II	170.0732	C <sub>7</sub> H <sub>3</sub> OCl <sub>2</sub>	172.9555
30.37	TPP (IS)	-	C <sub>18</sub> H <sub>15</sub> O <sub>4</sub> P	326.0708
31.21	Phosmet	170.0732	C <sub>9</sub> H <sub>6</sub> NO <sub>2</sub>	160.0399
31.59	Bifenthrin	170.0732	C <sub>13</sub> H <sub>10</sub>	166.0783
31.61	Methoxychlor	233.0368	C <sub>15</sub> H <sub>15</sub> O <sub>2</sub>	227.1072
32.25	Tetradifon	170.0732	C <sub>6</sub> H <sub>4</sub> ClOS	158.9665
32.89	Pyriproxyfen	170.0732	C <sub>8</sub> H <sub>10</sub> NO	136.0762
33.54	Fenarimol	170.0732	C <sub>7</sub> H <sub>4</sub> OCl	138.9951
38.34	Fenvalerate I	170.0732	C <sub>7</sub> H <sub>6</sub> Cl	125.0158
38.74	Fenvalerate II	170.0732	C <sub>7</sub> H <sub>6</sub> Cl	125.0158