

# GC Application

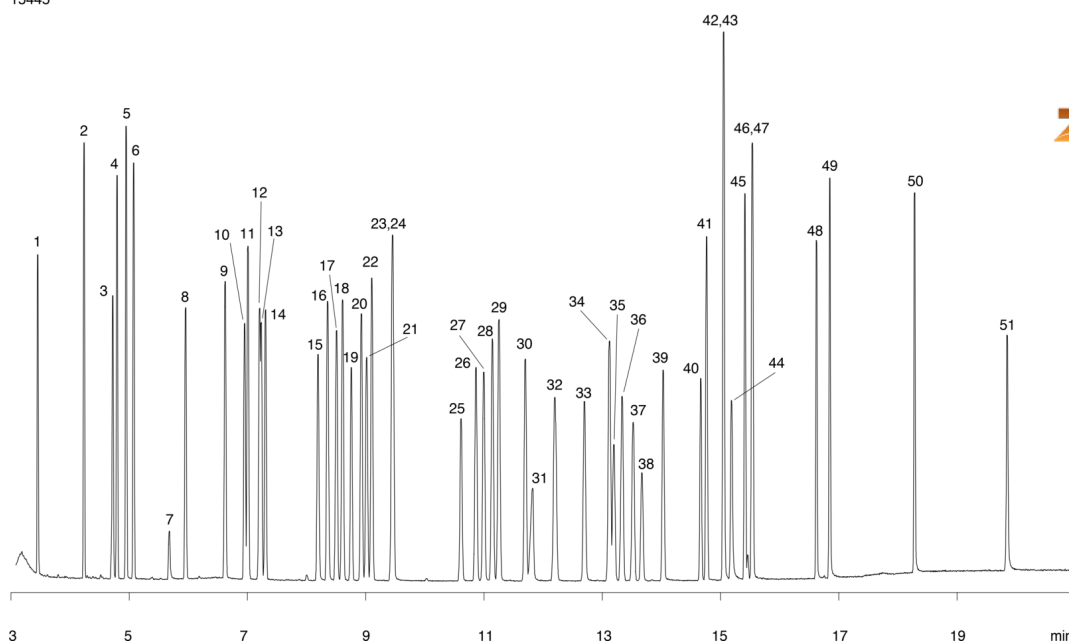
ID No.: 15445

## Nitrogen and Phosphorous Pesticides - EPA Method 507 on ZB-5MS

**Column:** Zebtron™ ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea  
**Phase:** 5% Phenyl-Arylene 95% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25 μm  
**Order No:** 7HG-G010-11  
**Oven Profile:** 100°C to 170°C at 20°C/min to 210°C at 4°C/min to 300°C at 20°C/min for 4 min  
**Carrier Gas:** Constant Flow Helium, 1 mL/min  
**Injection:** split 20:1 1 μL @ 250°C  
**Detection:** Mass Selective (MSD) (240°C)



Products used in this application:



## Nitrogen and Phosphorous Pesticides - EPA Method 507 on ZB-5MS

### ANALYTES:

<b>1</b> Dichlorvos	<b>41</b> Butachlor
<b>2</b> EPTC	<b>42</b> Napropamide
<b>3</b> Mevinphos	<b>43</b> Fenamiphos
<b>4</b> Butylate	<b>44</b> Tricyclazole
<b>5</b> Vernolate	<b>45</b> Oxadiazon
<b>6</b> Pebulate	<b>46</b> Oxyfluorfen
<b>7</b> Tebuthiuron	<b>47</b> Carboxin
<b>8</b> Molinate	<b>48</b> Norflurazon
<b>9</b> Propachlor	<b>49</b> Hexazinone
<b>10</b> Ethoprop	<b>50</b> Fenarimol
<b>11</b> Cycloate	<b>51</b> Fluridone
<b>12</b> Chlorpropham	
<b>13</b> Trifluralin	
<b>14</b> Benefin	
<b>15</b> Atraton	
<b>16</b> Prometon	
<b>17</b> Atrazine	
<b>18</b> Propazine	
<b>19</b> Profluralin	
<b>20</b> Terbufos	
<b>21</b> Pronamide	
<b>22</b> Diazinon	
<b>23</b> Disulfoton	
<b>24</b> Terbacil	
<b>25</b> Metribuzin	
<b>26</b> Alachlor	
<b>27</b> Simetryn	
<b>28</b> Ametryn	
<b>29</b> Prometryn	
<b>30</b> Terbutryn	
<b>31</b> Bromacil	
<b>32</b> Metolachlor	
<b>33</b> Triadimefon	
<b>34</b> Diphenamide	
<b>35</b> MGK-264	
<b>36</b> Isopropalin	
<b>37</b> Pendimethalin	
<b>38</b> MGK-264	
<b>39</b> Merphos	
<b>40</b> Tetrachlorvinphos	

