

# GC Application

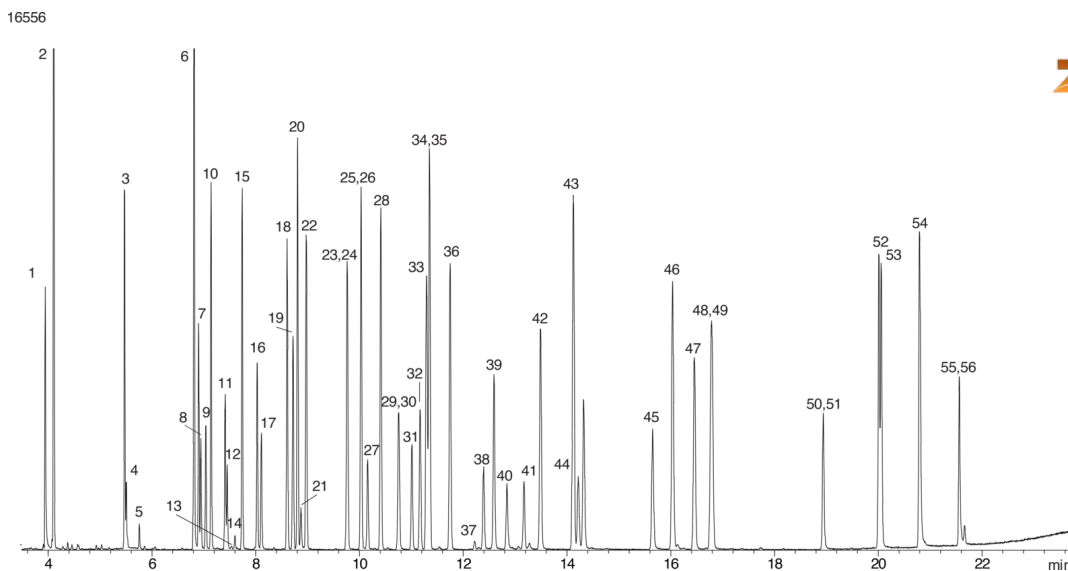
ID No.: 16556

## Pesticides by MSD on ZB-5MSi

**Column:** Zebron<sup>™</sup> ZB-5MSi, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea  
**Phase:** 5% Phenyl 95% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25 μm  
**Order No:** 7HG-G018-11  
**Oven Profile:** 120 °C for 2 min to 190 °C @ 20 °C/min to 240 °C @ 4 °C/min to 320 °C @ 15 °C/min for 3 min.  
**Carrier Gas:** Constant Flow Helium, 1.3 mL/min  
**Injection:** Split 20:1 1 μL @ 250°C  
**Detection:** Mass Selective (MSD) (180°C)  
**Analyst Note:** Anaytes are 10ppm in Acetone



Products used in this application:



## Pesticides by MSD on ZB-5MSi

### ANALYTES:

<b>1</b> Methamidophos	<b>41</b> Methidathion
<b>2</b> Dichlorvos	<b>42</b> Tetrachlorvinphos
<b>3</b> Mevinphos	<b>43</b> Tokuthion
<b>4</b> Acephate	<b>44</b> Profenofos
<b>5</b> Trichlorfon	<b>45</b> Fensulfothion
<b>6</b> Omethoate	<b>46</b> Ethion
<b>7</b> Thionazin	<b>47</b> Bolstar
<b>8</b> Demeton	<b>48</b> Carbophenothion
<b>9</b> Demeton-S-methyl	<b>49</b> Famphur
<b>10</b> Ethoprop	<b>50</b> Phosmet
<b>11</b> Naled	<b>51</b> EPN
<b>12</b> Dicrotophos	<b>52</b> Azinphos methyl
<b>13</b> Monocrotophos	<b>53</b> Leptophos
<b>14</b> Sulfotep	<b>54</b> Azinphos-ethyl
<b>15</b> Phorate	<b>55</b> Pyrazophos
<b>16</b> Demeton	<b>56</b> Coumaphos
<b>17</b> Dimethoate	<b>57</b> Dioxathion
<b>18</b> Terbufos	
<b>19</b> Fonofos	
<b>20</b> Diazinon	
<b>21</b> Phosphamidon	
<b>22</b> Disulfoton	
<b>23</b> Dichlofenthion	
<b>24</b> Phosphamidon	
<b>25</b> Methyl parathion	
<b>26</b> Chlorpyrifos-methyl	
<b>27</b> Tolclofos-methyl	
<b>28</b> Fenchlorphos	
<b>29</b> Fenitrothion	
<b>30</b> Pirimiphos-methyl	
<b>31</b> Malathion	
<b>32</b> Aspon	
<b>33</b> Fenthion	
<b>34</b> Chlorpyrifos	
<b>35</b> Parathion	
<b>36</b> Trichloronate	
<b>37</b> Chlorfenvinphos	
<b>38</b> Merphos	
<b>39</b> Chlorfenvinphos	
<b>40</b> Crotoxyphos	

