

## EPA 8141: Organophosphorous Pesticides on ZB-MR2

**Column:** Zebron<sup>™</sup> ZB-MultiResidue<sup>™</sup>-2, GC Cap. Column 30 m x 0.32 mm x 0.25 µm, Ea

**Phase:** Proprietary Pesticides Phase

**Dimensions:** 30 meters x 0.32 mm x 0.25 µm

**Order No:** 7HM-G017-11

**Oven Profile:** 100 °C for 0.5 min to 180 °C at 20 °C/min to 240 °C at 6 °C/min to 320 °C at 15 °C/min for 2 min

**Carrier Gas:** Constant Flow Helium, 2.8 mL/min

**Injection:** On-Column :1 1 µL @ 103°C

**Detection:** Flame Ionization (FID) (340°C)

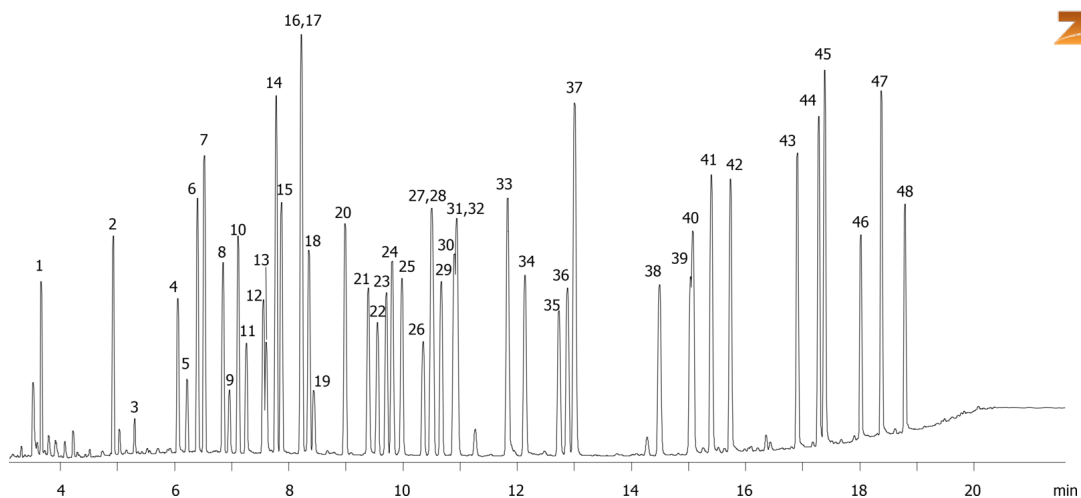
**Analyst Note:** Analytes are 2ppm in Dichloromethane. Columns connected via a 5 m guard and 'Y' connector.



Products used in this application:



16182



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### ANALYTES:

- |                               |                           |
|-------------------------------|---------------------------|
| <b>1</b> Dichlorvos           | <b>41</b> Carbophenothion |
| <b>2</b> Mevinphos            | <b>42</b> Famphur         |
| <b>3</b> Trichlorfon          | <b>43</b> EPN             |
| <b>4</b> TEPP                 | <b>44</b> Phosmet         |
| <b>5</b> Demeton              | <b>45</b> Leptophos       |
| <b>6</b> Thionazin            | <b>46</b> Azinphos methyl |
| <b>7</b> Ethoprop             | <b>47</b> Azinphos ethyl  |
| <b>8</b> Sulfotep             | <b>48</b> Coumaphos       |
| <b>9</b> Naled                |                           |
| <b>10</b> Phorate             |                           |
| <b>11</b> Dicrotophos         |                           |
| <b>12</b> Demeton             |                           |
| <b>13</b> Monocrotophos       |                           |
| <b>14</b> Terbufos            |                           |
| <b>15</b> Diazinon            |                           |
| <b>16</b> Fonofos             |                           |
| <b>17</b> Dimethoate          |                           |
| <b>18</b> Disulfoton          |                           |
| <b>19</b> Phosphamidon        |                           |
| <b>20</b> Dichlofenthion      |                           |
| <b>21</b> Phosphamidon        |                           |
| <b>22</b> Chlorpyrifos methyl |                           |
| <b>23</b> Ronnel              |                           |
| <b>24</b> Aspon               |                           |
| <b>25</b> Methyl parathion    |                           |
| <b>26</b> Malathion           |                           |
| <b>27</b> Fenitrothion        |                           |
| <b>28</b> Chlorpyrifos        |                           |
| <b>29</b> Trichloronate       |                           |
| <b>30</b> Fenthion            |                           |
| <b>31</b> Parathion           |                           |
| <b>32</b> Merphos             |                           |
| <b>33</b> Chlorfenvinphos     |                           |
| <b>34</b> Crotoxyphos         |                           |
| <b>35</b> Tetrachlorvinphos   |                           |
| <b>36</b> Tokuthion           |                           |
| <b>37</b> Merphos oxide       |                           |
| <b>38</b> Ethion              |                           |
| <b>39</b> Fensulfothion       |                           |
| <b>40</b> contaminant         |                           |

