

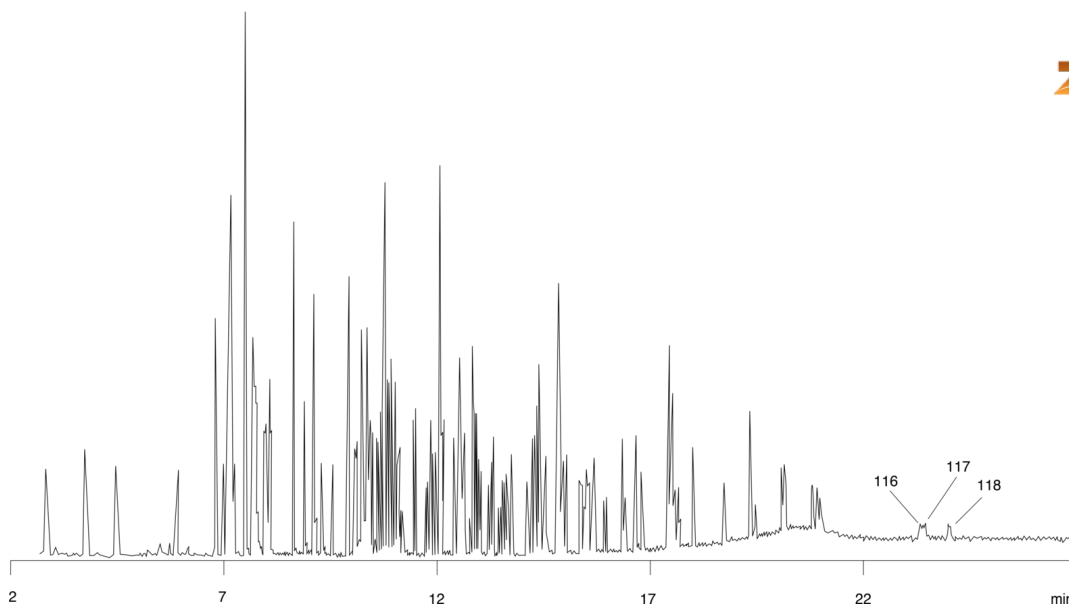
**EPA Method 525.2: Organic compounds in Drinking Water on ZB-5 on ZB-5**

**Column:** Zebtron™ ZB-5, 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-G002-11  
**Oven Profile:** 120°C to 130°C at 15°C/min to 180°C at 12°C/min to 290° at 9°C/min for 7 min.  
**Carrier Gas:** Constant Flow Helium, 1.1 mL/min  
**Injection:** Splitless :1 1 µL @ 250°C  
**Detection:** Mass Selective (MSD) (150°C)

14771



Products used in this application:



**EPA Method 525.2: Organic compounds in Drinking Water on ZB-5 on ZB-5****ANALYTES:**

|                                      |                                |                                       |
|--------------------------------------|--------------------------------|---------------------------------------|
| <b>1</b> Isophorone                  | <b>41</b> Phenanthrene-d10     | <b>81</b> Napropamide                 |
| <b>2</b> 1,3-Dimethyl-2-nitrobenzene | <b>42</b> Phenanthrene         | <b>82</b> Tricyclazole                |
| <b>3</b> Dichlorvos                  | <b>43</b> Diazinon             | <b>83</b> p,p'-DDE                    |
| <b>4</b> Hexachlorocyclopentadiene   | <b>44</b> Anthracene           | <b>84</b> p-Terphenyl-d14             |
| <b>5</b> EPTC                        | <b>45</b> Disulfoton           | <b>85</b> Dieldrin                    |
| <b>6</b> Mevinphos                   | <b>46</b> Methyl paraoxon      | <b>86</b> Endrin                      |
| <b>7</b> Butylate                    | <b>47</b> Terbacil             | <b>87</b> Carboxin                    |
| <b>8</b> Vernolate                   | <b>48</b> delta-BHC            | <b>88</b> Hexachlorobiphenyl          |
| <b>9</b> Dimethylphthalate           | <b>49</b> Chlorothalonil       | <b>89</b> Endosulfan I                |
| <b>10</b> Terrazole                  | <b>50</b> Trichlorobiphenyl    | <b>90</b> Chlorobenzilate             |
| <b>11</b> Pebulate                   | <b>51</b> Metribuzin           | <b>91</b> Endosulfan II               |
| <b>12</b> Acenaphthylene             | <b>52</b> Acetochlor           | <b>92</b> p,p'-DDD                    |
| <b>13</b> 2,6-Dinitrotoluene         | <b>53</b> Simetryn             | <b>93</b> Endrin aldehyde             |
| <b>14</b> Acenaphthene-d10           | <b>54</b> Alachlor             | <b>94</b> Butylbenzyl phthalate       |
| <b>15</b> 2-Chlorobiphenyl           | <b>55</b> Ametryn              | <b>95</b> Norflurazon                 |
| <b>16</b> Chloroneb                  | <b>56</b> Heptachlor           | <b>96</b> Endosulfan sulfate          |
| <b>17</b> Tebuthiuron                | <b>57</b> Prometryn            | <b>97</b> p,p'-DDT                    |
| <b>18</b> Pentachlorobenzene         | <b>58</b> Terbutryn            | <b>98</b> Hexazinone                  |
| <b>19</b> 2,4-Dinitrotoluene         | <b>59</b> Di-n-butyl phthalate | <b>99</b> Di(2-ethylhexyl)adipate     |
| <b>20</b> Molinate                   | <b>60</b> Bromacil             | <b>100</b> Triphenyl phosphate        |
| <b>21</b> Diethylphthalate           | <b>61</b> Tetrachlorobiphenyl  | <b>101</b> Benz[a]anthracene          |
| <b>22</b> Fluorene                   | <b>62</b> Aldrin               | <b>102</b> Chrysene-d12               |
| <b>23</b> Propachlor                 | <b>63</b> Metolachlor          | <b>103</b> Heptachlorobiphenyl        |
| <b>24</b> Ethoprop                   | <b>64</b> Chlorpyrifos         | <b>104</b> Chrysene                   |
| <b>25</b> Cycloate                   | <b>65</b> Triadimefon          | <b>105</b> Methoxychlor               |
| <b>26</b> Chlorpropham               | <b>66</b> Dacthal              | <b>106</b> Octachlorobiphenyl         |
| <b>27</b> Trifluralin                | <b>67</b> MGK-264              | <b>107</b> bis(2-Ethylhexyl)phthalate |
| <b>28</b> alpha-BHC                  | <b>68</b> Diphenamide          | <b>108</b> Fenarimol                  |
| <b>29</b> 2,3-Dichlorobiphenyl       | <b>69</b> MGK-264              | <b>109</b> cis-Permethrin             |
| <b>30</b> Hexachlorobenzene          | <b>70</b> Pendimethalin        | <b>110</b> trans-Permethrin           |
| <b>31</b> Atraton                    | <b>71</b> Heptachlor epoxide   | <b>111</b> Benzo[b]fluoranthene       |
| <b>32</b> Prometon                   | <b>72</b> Pentachlorobiphenyl  | <b>112</b> Benzo[k]fluoranthene       |
| <b>33</b> Simazine                   | <b>73</b> gamma-Chlordane      | <b>113</b> Benzo[a]pyrene             |
| <b>34</b> Atrazine                   | <b>74</b> Cyanazine            | <b>114</b> Perylene-d12               |
| <b>35</b> Propazine                  | <b>75</b> Pyrene               | <b>115</b> Fluridone                  |
| <b>36</b> beta-BHC                   | <b>76</b> Tetrachlorvinphos    | <b>116</b> Indeno[1,2,3-cd]pyrene     |
| <b>37</b> Pentachlorophenol          | <b>77</b> Butachlor            | <b>117</b> Dibenz[a,h]anthracene      |
| <b>38</b> gama-BHC                   | <b>78</b> alpha-Chlordane      | <b>118</b> Benzo[g,h,i]perylene       |
| <b>39</b> Terbufos                   | <b>79</b> Fenamiphos           |                                       |
| <b>40</b> Pronamide                  | <b>80</b> trans-Nonachlor      |                                       |

