The Sherlock X Fire Debris Software automatically names over 130 different hydrocarbons associated with fire debris samples. No longer will technicians need to analyze individual peaks on GC-MS chromatograms, which can be a tedious and potentially error-prone task.

**Sherlock X**

**Automated Hydrocarbon Identification using Agilent GC-MS**

Sherlock X determines an absolute response, as well as a relative percentage for each compound.

Building upon MIDI, Inc.’s twenty five years of experience developing automated chromatography identification systems, Sherlock X applies the full range of information available from Agilent GC-MS systems to yield highly accurate compound naming.
Along with its ability to identify individual compounds, Sherlock X includes categorization capabilities, combining compounds into functional groups, as well as library matching.

<table>
<thead>
<tr>
<th>Library</th>
<th>Sim Index</th>
<th>Entry Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1618</td>
<td>0.929</td>
<td>Gasoline-Weathered</td>
</tr>
</tbody>
</table>

**Sherlock X Names All Major Compounds in**

- Diesel
- Biodiesel
- Kerosene
- Charcoal Light Fluid
- Mineral Spirits
- Camp Fuels
- and others

**Advantages for Fire Debris Analysis:**

- Efficiency: Fully Automated
- Objectivity: Technician Independent
- Reproducibility: Consistent Results
- Cost Savings: Low Labor Cost

**System Requirements:**

- Agilent 6890 / 7890 GC
- Agilent 5973 / 5975 / 5977 MS
- MS ChemStation / MassHunter Software

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