



DVLS Middle Distillates Analyzer

Determines Aromatics in Jet Fuel and Diesel

Accurate reporting of the aromatic hydrocarbon types contained in jet fuel and diesel is required for determining the quality of fuels as they impact the relative combustion properties of finished fuels. One of the methods used to specify the aromatics content is the Fluorescent Indicator Adsorption (FIA) method ASTM D1319. Laboratories are looking for alternatives to replace the labour-intensive FIA method.

Da Vinci Laboratory Solutions (DVLS) offers an alternative: the DVLS Middle Distillates analyzer based on the Agilent 1260 Infinity II Liquid Chromatograph that can be configured to perform the ASTM D6379, D6591, IP391, IP436, IP548 and/or EN12916 analyses.

Reliable Instrumentation

The Middle Distillates Analyzer is based upon the robust Agilent 1260 Infinity II Liquid Chromatograph (LC) configured for the ASTM, IP or EN test methods including the method specific hardware and software components.

Da Vinci offers two configurations:

1. Normal phase HPLC analyzer:

- 1260 Infinity II Refractive Index detector
- Method specific column set and Standards
- Agilent OPENLAB CDS ChemStation or EZChrom for system control
- Factory tested application

2. Normal phase HPLC analyzer with backflush:

- Backflush valve for tri-aromatics conform D6591 and reduction of FAME interference EN12916
- 1260 Infinity II Refractive Index detector
- Method specific column set and Standards
- Agilent OPENLAB CDS ChemStation or EZChrom for system control
- Factory tested application

Application Guarantee

Before shipment each analyzer is tested according to the in-house testing procedures to check the system performance and to verify the analyzer specification by a reference sample test. A Factory Acceptance Test will be scheduled upon request.

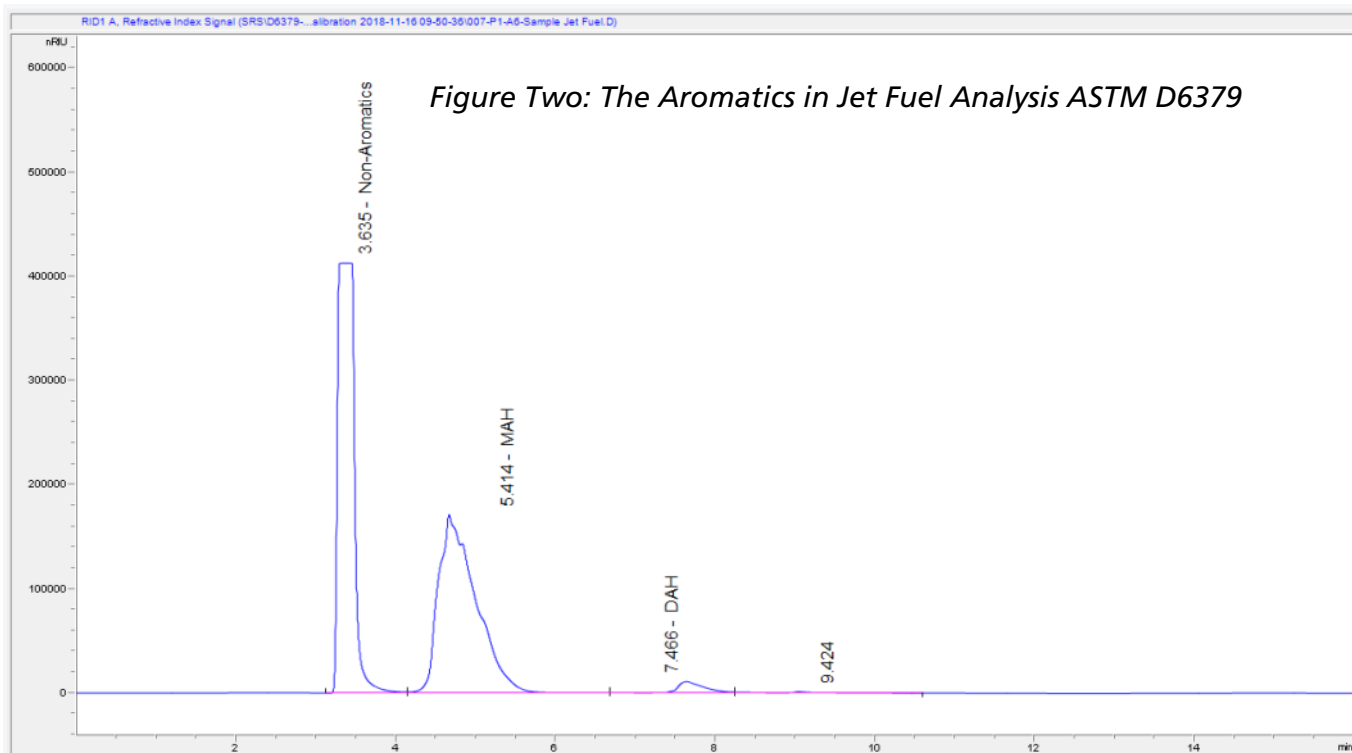
During the on-site installation the analyzer performance will be checked again using a calibration, test and/or reference sample.



Figure One: The DVLS Middle Distillates Analyzer

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Service & Support

To boost your laboratory efficiency we offer service contracts for our analyzers. Next to our service contracts we also offer on-demand services to repair your chromatographic and other analytical systems.

We have a team of service & support engineers to assist you. Our support specialists have multiple years of experience within chromatography.

We are worldwide represented through our distribution network.

Key Benefits of the Middle Distillates Analyzer

- Alternative method for FIA
- Dedicated configuration for ASTM D6379, D6591, IP391, IP436, IP548 and/or EN12916
- Based on the reliable & highly efficient Agilent hardware
- High level of automation through the OPENLAB software
- Guaranteed performance thanks to the in-house testing & on-site installation procedures



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