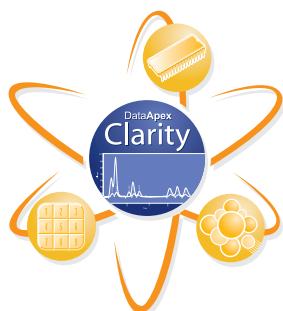


Clarity DHA Extension



Software module for Detailed Hydrocarbon Analysis

The DHA Extension is a software module for DHA calculations and reporting based on supported standards.

Calculations in the DHA Extension currently support the ASTM D-6730 standard and methods developed by Dani Instruments SA.

You can create an additional custom method based on your own laboratory conditions or we can implement a standard method as part of the DHA extension at your request.

The DHA Extension is optional and it can only be used together with Clarity.

CLARITY SOFTWARE

CONTROLS

EXTENSIONS

HARDWARE

Clarity DHA Extension

Software module for detailed hydrocarbon analysis

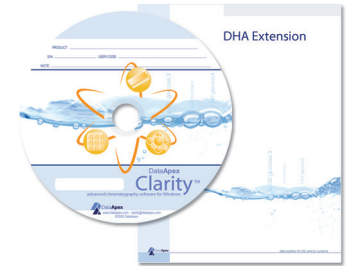
The DHA Extension is an optional fully integrated addition to Clarity software. It can be ordered as part of a new installation or as an extension to an existing one. There are two variants to this extension:

p/n A33

• includes general ASTM-D6730 standard method and the possibility to create custom method.

p/n A331

• includes additional methods developed by DANI Instruments S.p.A.



Norms specification

ASTM D-6730

• Included in p/n A33.
• Standard Test Method for Determination of Individual Components in Spark Ignition Engine Fuels by 100-Metre Capillary (with Precolumn) High-Resolution Gas Chromatography.

ASTM D-6730 by DANI

• Method by Dani Instruments SA with cryogenic cooling.
• Available only at Dani Instruments SA

Custom Method

• Included in p/n A33.
• Allows you to create a custom method which meets the conditions in your laboratory.

ASTM ASTM D 2421-02 and D 2598-02

• Method by Dani Instruments SA with cryogenic cooling.
• Available only at Dani Instruments SA

Extension specification

Part No.:

A33

Related products:

Clarity (p/n C50)
Clarity Offline (p/n C59)
GC or AS Control module (p/n A23 or A26)

EXTENSIONS

Comp.	Ret. Time [min]	Compound Name	Hydrocarbon Type	Corrected Area	% Area	% Weight	% Volume
C1	0.187	Methane	Alkane	13.92	0.15	0.15	0.08
C2	0.481	Ethane	Alkane	13.92	0.15	0.15	0.08
C3	0.775	Propane	Alkane	13.92	0.15	0.15	0.08
C4	1.069	n-Butane	Alkane	13.92	0.15	0.15	0.08
C5	1.363	n-Pentane	Alkane	13.92	0.15	0.15	0.08
C6	1.657	n-Hexane	Alkane	13.92	0.15	0.15	0.08
C7	1.951	n-Heptane	Alkane	13.92	0.15	0.15	0.08
C8	2.245	n-Octane	Alkane	13.92	0.15	0.15	0.08
C9	2.539	n-Nonane	Alkane	13.92	0.15	0.15	0.08
C10	2.833	n-Decane	Alkane	13.92	0.15	0.15	0.08
C11	3.127	n-Undecane	Alkane	13.92	0.15	0.15	0.08
C12	3.421	n-Dodecane	Alkane	13.92	0.15	0.15	0.08
C13	3.715	n-Tridecane	Alkane	13.92	0.15	0.15	0.08
C14	4.009	n-Tetradecane	Alkane	13.92	0.15	0.15	0.08
C15	4.303	n-Pentadecane	Alkane	13.92	0.15	0.15	0.08

