This is a special file, named RPTHEAD.TXT, in the directory of a method which allows you to customize the report header page. It can be used to identify the laboratory which uses the method.

This file is printed on the first page with the report styles:

Header+Short, GLP+Short, GLP+Detail, Short+Spec, Detail+Spec, Full

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XX	XX	XX							
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Χ				Χ		XX			
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Χ				XXX		Χ	
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			XXXX				

Sample Name: dimos 23 10 1.1

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Acq. Operator : SYSTEM Seq. Line : 2

Acq. Instrument: HPLC-OXTLAB Location: P2-A-02

Inj Volume : 20.000  $\mu l$ 

Acq. Method : C:\Chem32\1\Data\Dimos-Ntina-Xaris-23.10.23 2023-10-23 13-22-49\LACTIC\_TEMP

. M

Last changed : 8/28/2023 13:32:52 by SYSTEM

Analysis Method: C:\Chem32\1\Data\Dimos-Ntina-Xaris-23.10.23 2023-10-23 13-22-49\LACTIC\_TEMP

.M (Sequence Method)

Last changed : 10/23/2023 15:59:07 by SYSTEM

(modified after loading)

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Modul e	٥.	Firmware rev.	
RID	1	D. 07. 10 [0004]	I
DAD 2	G7117C	D. 07. 10 [0004]	DEAEK01369
Column Comp. 3	G7116A	D. 07. 21 [0001]	DEAEMO1239
Sampler 4	G7129A	D. 07. 12 [0002]	DEAEQ08976
Quat. Pump 5	G7111A	D. 07. 21 [0001]	DEAEXO0817

Software Revision: Rev. C.01.07 SR3 [465] Copyright © Agilent Technologies

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Instrument Conditions : At Start At Stop Column Temp. (left) 50.0 50.0 °C 50.0 °C Column Temp. (right) : 50.0 Pressure 41.3 41.7 bar 0.600 Flow 0.600 ml/min

Detector Lamp Burn Times: Current On-Time Accumulated On-Time DAD 1, UV Lamp : 2.52 3115.2 h

Solvent Description :
PMP1, Solvent A :
PMP1, Solvent B :
PMP1, Solvent C :
PMP1, Solvent D :

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Run Logbook

\_\_\_\_\_

23 Oct 23 O3:59 PM

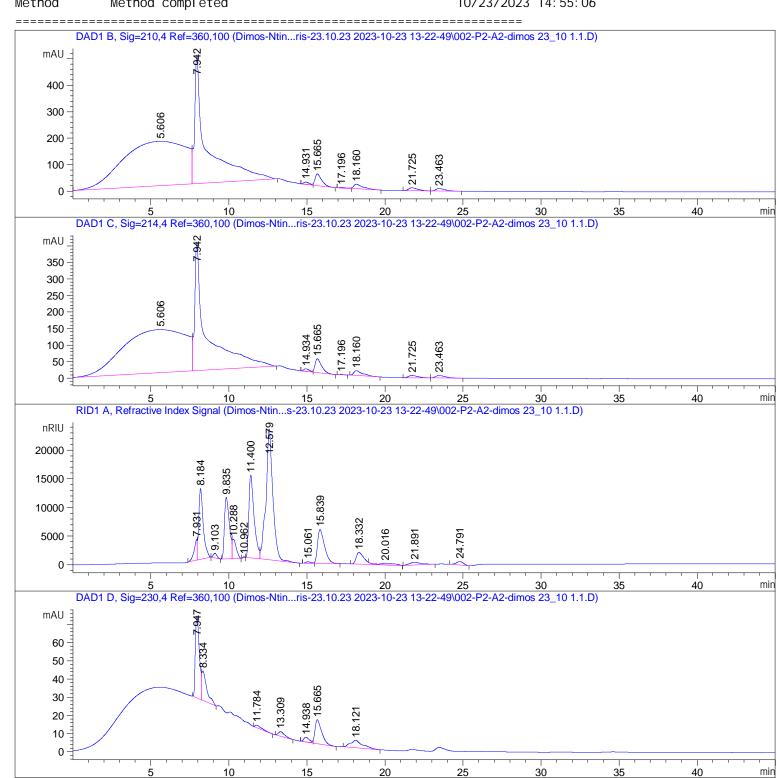
Logbook File: C: \Chem32\...ina-Xaris-23.10.23 2023-10-23 13-22-49\002-P2-A2-dimos 23\_10 1.1.D\RUN.LOG

Modul e	# Event Message	Date Time
Method	<pre>Method started: line# 2 at location 'P2-A2' &gt; inj # 1</pre>	10/23/2023 14:09:00
Method	Instrument running sample P2-A2	10/23/2023 14:09:00
G7117C	G7117C: DEAEKO1369 - Detector: Prepare	10/23/2023 14:09:01
G7117C	G7117C:DEAEKO1369 - Detector: Idle	10/23/2023 14: 09: 20
G7129A	G7129A: DEAEQ08976 - Wash procedure active	10/23/2023 14: 09: 46
G7129A	G7129A: DEAEQ08976 - Wash procedure inactive	10/23/2023 14: 09: 55
G7129A	G7129A: DEAEQ08976 - Run	10/23/2023 14: 09: 58
G7162A	G7162A: DEAC901169 - Postrun	10/23/2023 14: 54: 58
G7129A	G7129A: DEAEQ08976 - Postrun	10/23/2023 14: 54: 58
G7111A	G7111A: DEAEXO0817 - Postrun	10/23/2023 14: 54: 58

Sample Name: dimos 23\_10 1.1

G7116A G7116A: DEAEMO1239 - Postrun 10/23/2023 14: 54: 58 Method Instrument run completed 10/23/2023 14:55:05 Method Saving Method LACTIC\_TEMP.M 10/23/2023 14:55:05 Analyzing rawdata 002-P2-A2-dimos 23\_10 1.1.> CP Macro 10/23/2023 14: 55: 05

Method Saving Method DA.M 10/23/2023 14:55:05 Method Method completed 10/23/2023 14:55:06



Sample Name: dimos 23\_10 1.1

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## External Standard Report

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Sorted By : Signal Calib. Data Modified : 7/1/2021 14:39:58

Multiplier : 1.0000 Dilution 1.0000

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 B, Sig=210, 4 Ref=360, 100

RetTime	Type	Area	Amt/Area	Amount	Grp Name	
[min]		[mAU*s]		[g/L]		
15. 665	VB R	1323. 98901	6. 56715e-4	8. 69484e-1	Lactic aci	d
18. 160	VB R	720. 08173	9.16554e-4	6.59994e-1	Acetic aci	d
21. 725	BB	473. 34052	0.00000	0.00000	Propi oni c	

Totals: 1.52948

Signal 2: DAD1 C, Sig=214, 4 Ref=360, 100

Signal 3: RID1 A, Refractive Index Signal

RetTime	Type	Area	Amt/Area	Amount	Grp	Name
[mi n]		[nRIU*s]		[g/L]		
9. 835	BV	2. 36229e5	1.03247e-5	2. 43899		Succrose
11. 400	BV	3. 37424e5	2.80485e-6	9. 46424e-1		Glucose
12. 579	VB	7.00292e5	3. 79459e-6	2. 65732		Fructose
24. 791	BB	1.85821e4	4. 65862e-6	8. 65667e-2		Ethanol

Totals: 6.12930

Signal 4: DAD1 D, Sig=230, 4 Ref=360, 100

2 Warnings or Errors :

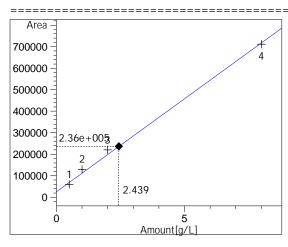
Warning: Calibration warnings (see calibration table listing)

Warning: Negative results set to zero (cal. curve intercept), (Propionic)

Sample Name: dimos 23\_10 1.1

## \_\_\_\_\_\_

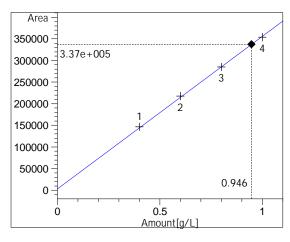
## Calibration Curves



Succrose at exp. RT: 9.863
RID1 A, Refractive Index Signal
Correlation: 0.99759
Residual Std. Dev.: 22755.41185

Formula: y = mx + b m: 86671.29673 b: 24839.01752 x: Amount[g/L]

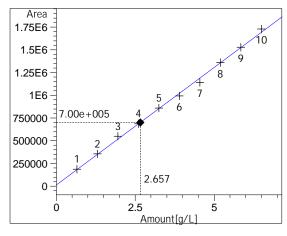
y: Area



Glucose at exp. RT: 11.408
RID1 A, Refractive Index Signal
Correlation: 0.99981
Residual Std. Dev.: 3023.36360

Formula: y = mx + b m: 353737.16216 b: 2639.18919 x: Amount[g/L]

y: Area



Fructose at exp. RT: 12.100
RID1 A, Refractive Index Signal
Correlation: 0.99909
Residual Std. Dev.: 25081.95145

Formula: y = mx + b m: 258721.41259 b: 12786.68182 x: Amount[g/L] y: Area

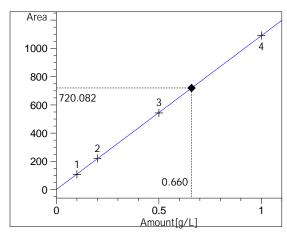
Area
3000
2500
2500
1500
1.32e+003
8
9
10
0.869
0
0.869
0
Area
3000
12
24
45
0.869

Lactic acid at exp. RT: 15.467 DAD1 B, Sig=210, 4 Ref=360, 100 Correlation: 0.99983 Residual Std. Dev.: 16.65547 Formula: y = mx + b

Formula: y = mx + b m: 1521.64235 b: 9.45650e-1 x: Amount[g/L]

y: Area

Sample Name: dimos 23\_10 1.1



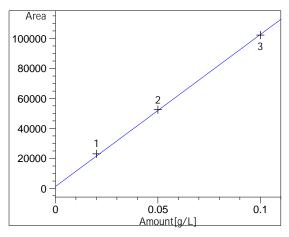
Acetic acid at exp. RT: 18.226 DAD1 B, Sig=210, 4 Ref=360, 100 Correlation: 0.99999 Residual Std. Dev.: 2.57101

Formula: y = mx + bm: 1092.07931

b: -6.83711e-1

x: Amount[g/L]

y: Area

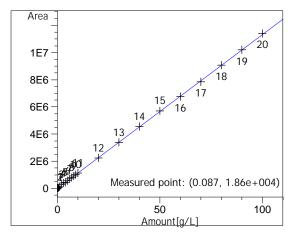


Propionic at exp. RT: 21.787 DAD1 B, Sig=210, 4 Ref=360, 100 Correlation: 0.99961 Residual Std. Dev.: 1507.31144

Formula: y = mx + b

m: 1.01431e6 b: 1395.13216 x: Amount[g/L]

y: Area



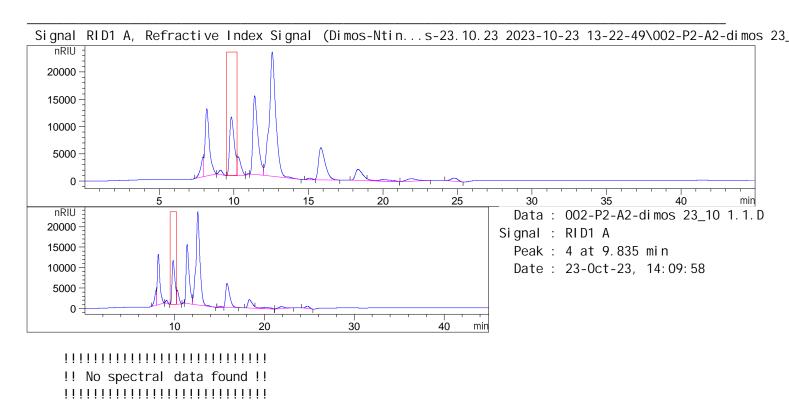
Ethanol at exp. RT: 24.978
RID1 A, Refractive Index Signal
Correlation: 0.99996
Residual Std. Dev.: 35437.06772

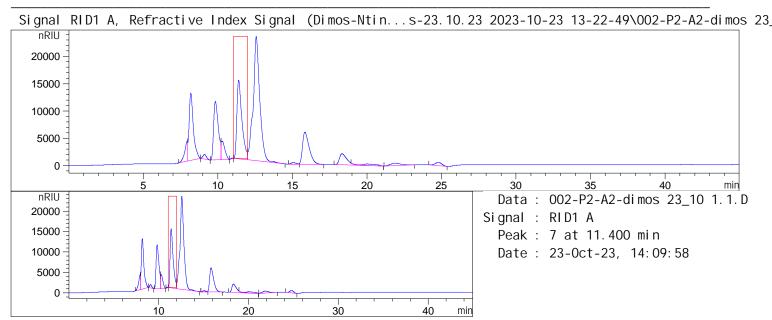
Formula: y = mx + bm: 113284.07454

b: 8775.42396 x: Amount[g/L]

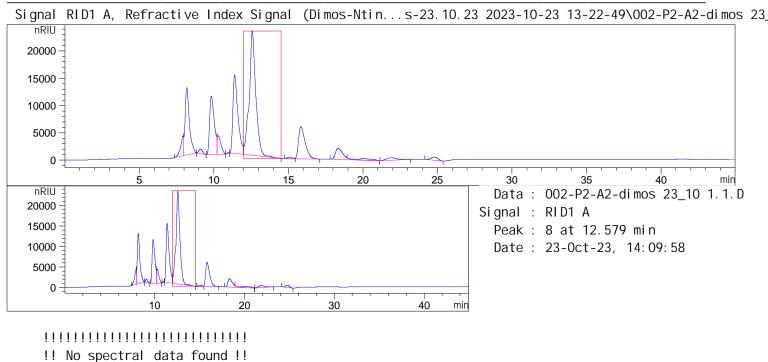
y: Area

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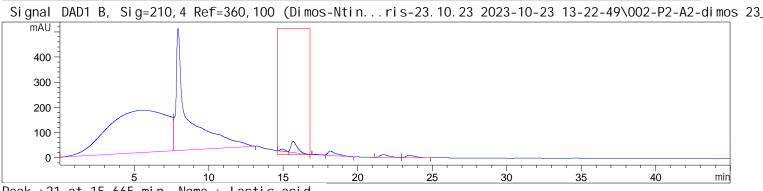


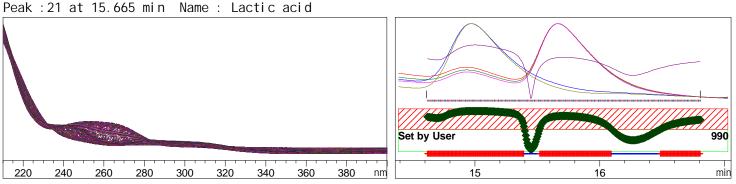


 Sample Name: dimos 23\_10 1.1









-> The purity factor exceeds the threshold limit. <-

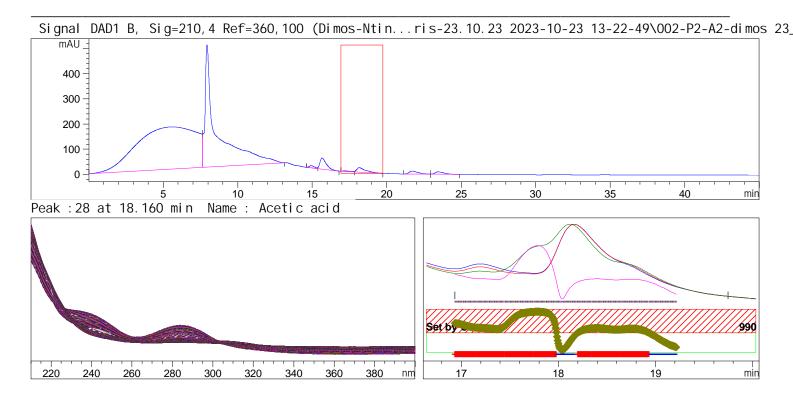
Purity factor: 963.220 (253 of 329 spectra exceed the threshold limit.)

Threshold : 990.000 (Set by user)

Reference : Nearest baseline spectrum (stored) (0.007)

Spectra : 329 (Selection automatic, All)

Sample Name: dimos 23\_10 1.1



-> The purity factor exceeds the threshold limit. <-

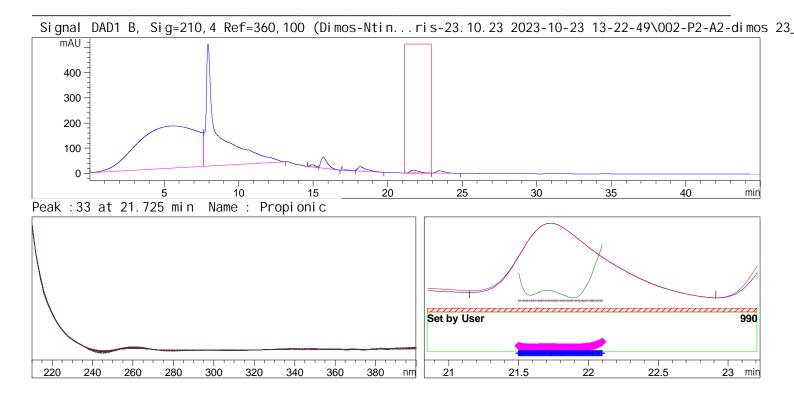
Purity factor: 967.505 (269 of 343 spectra exceed the threshold limit.)

Threshold : 990.000 (Set by user)

Reference : Nearest baseline spectrum (stored) (0.007)

Spectra : 343 (Selection automatic, All)

Sample Name: dimos 23\_10 1.1



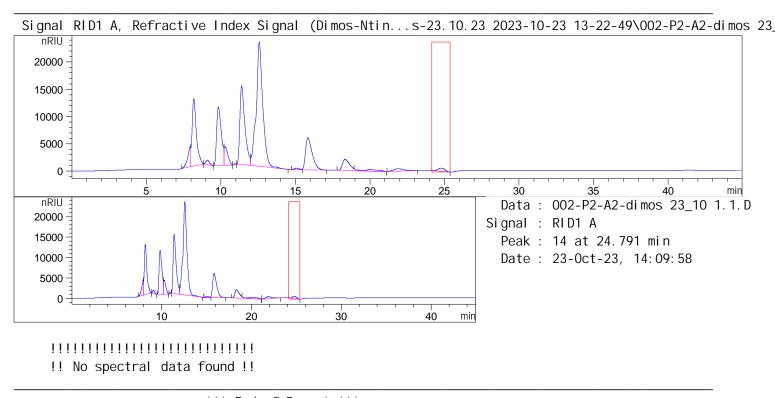
-> The purity factor is within the threshold limit. <-

Purity factor: 999.774 (91 of 91 spectra are within the threshold limit.)

Threshold : 990.000 (Set by user)

Reference : Nearest baseline spectrum (stored) (0.007)

Spectra : 91 (Selection automatic, All)



\*\*\* End of Report \*\*\*