

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600HC11378

Volatiles Quality Assurance Controls

Run Date(s): 7/28/2022

Calibration Date: (if different)

Worklist #: 6043

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0753 g/100cc 0.0778 g/100cc g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2068 g/100cc g/100cc g/100cc
Multi-Component mixture:			Exp:	Lot #	
Curve Fit:			Column 1	Column 2	0.99993
			0.99993	FN06041902	0.99993

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0498	0.0497	1E-04	0.0497
100	0.100	0.090 - 0.110	0.1000	0.0999	0.0001	0.0999
200	0.200	0.180 - 0.220	0.1986	0.1987	1E-04	0.1986
300	0.300	0.270 - 0.330	0.3023	0.3024	1E-04	0.3023
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.4991	0.4990	1E-04	0.499

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.080 g/100cc

REVIEWED

By Melissa (Nikka) Bradley at 1:21 pm, Jul 29, 2022

NB

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Internal Standard Monitoring Worksheet

Worklist #: 6043	Run Date(s): 7/28/2022
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Internal Standard Solution:	Prep Date: 5/13/2022	Exp Date: 11/13/2022
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Sample Name	Column 1 Value	Column 2 Value
0.080	213038	232635
0.080	212680	232267
QC1	214505	234168
QC1	219327	239549
QC1	254934	278511
QC1	262713	287043
QC1		
QC1		
QC2	251006	274091
QC2	263163	287338
QC2		
QC2		
QC2		
QC2		

Average	(-)20%	(+20%
Column 1 236420.8	189136.6	283704.9
Column 2 258200.3	206560.2	309840.3



Worklist: 6043

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
M2022-2885	1	BCK	Alcohol Analysis	
M2022-2915	1	BCK	Alcohol Analysis	
M2022-2923	1	BCK	Alcohol Analysis	
M2022-2929	1	BCK	Alcohol Analysis	
M2022-2935	1	BCK	Alcohol Analysis	
M2022-2985	1	BCK	Alcohol Analysis	
M2022-2987	1	BCK	Alcohol Analysis	
M2022-2996	1	BCK	Alcohol Analysis	
M2022-3013	1	BCK	Alcohol Analysis	
M2022-3014	2	UCK	Alcohol Analysis	
M2022-3059	1	BCK	Alcohol Analysis	
M2022-3063	1	BCK	Alcohol Analysis	
M2022-3075	1	BCK	Alcohol Analysis	
M2022-3083	1	BCK	Alcohol Analysis	
M2022-3092	1	BCK	Alcohol Analysis	
M2022-3108	1	BCK	Alcohol Analysis	
P2022-2171	1	BCK	Alcohol Analysis	
P2022-2236	1	BCK	Alcohol Analysis	
P2022-2238	1	BCK	Alcohol Analysis	



7/29/2022

One of the blanks (INT STD BLK 3) has Internal Standard values outside the specified range for both detectors. This sample type is only used to qualitatively detect a presence of ethanol, and the internal standard is not a factor in that determination. Therefore, the test results are valid and were not impacted by the Internal Standard recovery.

Additionally, the Blood Alcohol Analytical Method AM #1 section 4.2.2.3.1 (revision 10) requires each analysis run to contain an internal standard blank. This criterium was fulfilled with the blank at the beginning of the run (vial #1) having Internal Standard values in the specified range.

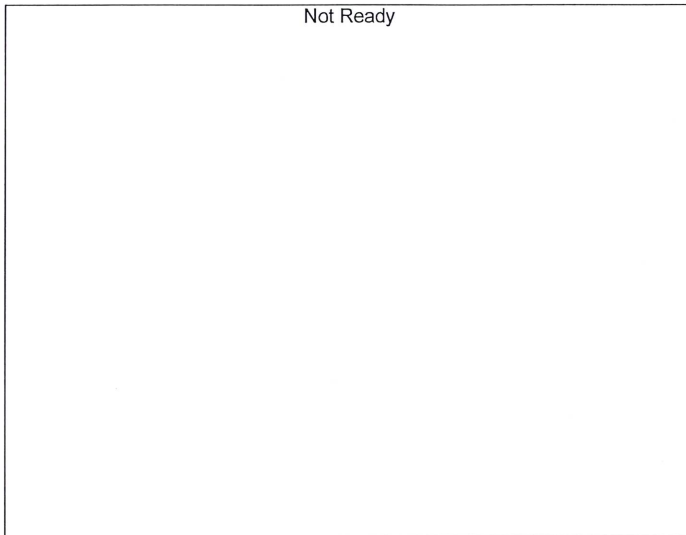
7/29/22 *ss*

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Calibration Table

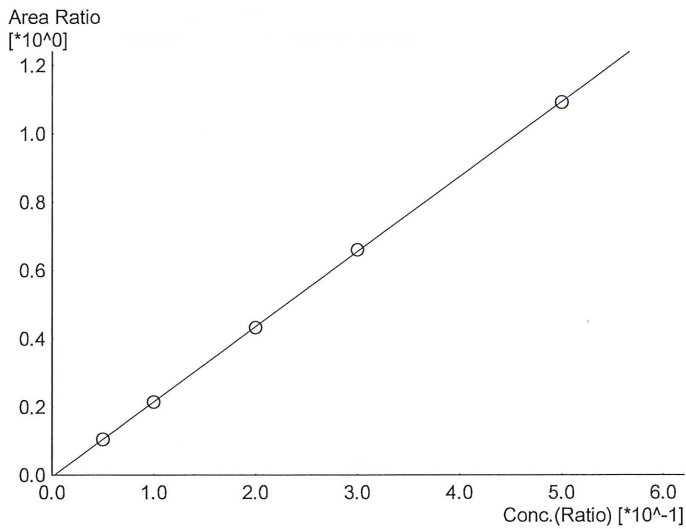
Laboratory : MERIDIAN
 Instrument Name : GC-HS
 Instrument Serial # : C12595800409 / C12255750548

<<Data File>>
 Method File :C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Batch File :C:\LabSolutions\Data\220728B\CALIBRATION\CALCURVE_TEMPLATE.gcb
 Date Acquired :7/28/2022 12:40:35 PM
 Date Created :7/28/2022 12:35:21 PM
 Date Modified :7/28/2022 12:43:36 PM



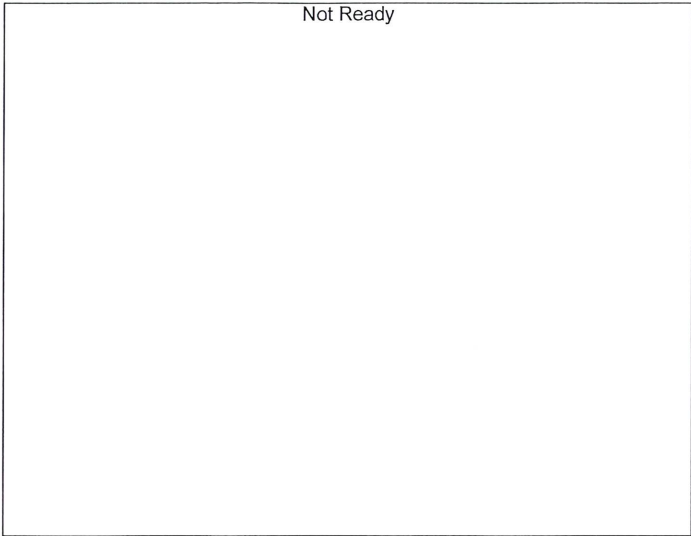
Name : Methanol
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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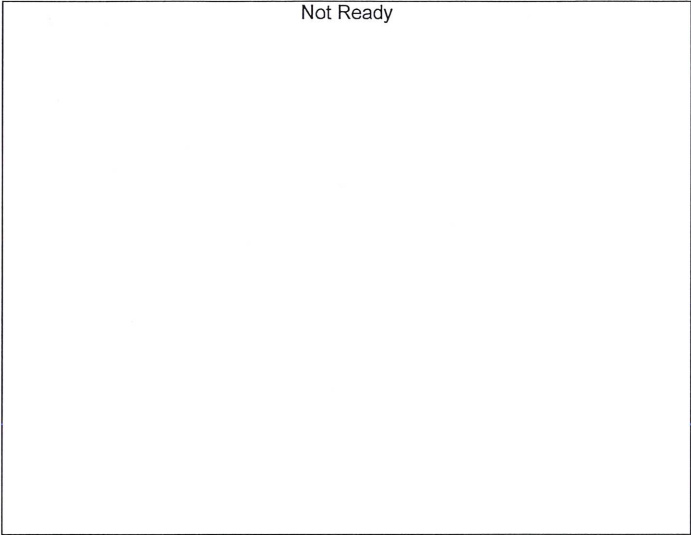
Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.19860*x-0.00541107$
 R² value= 0.9999390
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	21283	0.0498
2	0.100	46309	0.1000
3	0.200	86991	0.1986
4	0.300	137252	0.3023
5	0.500	229114	0.4991



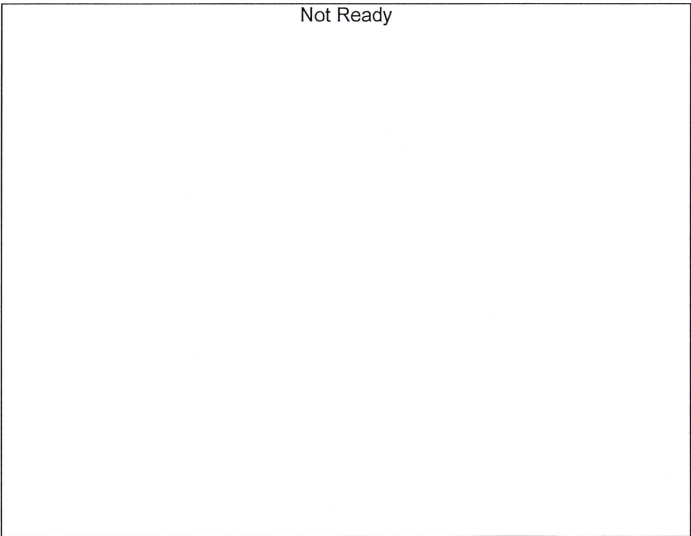
Name : Isopropyl Alcohol
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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Name : Acetone
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

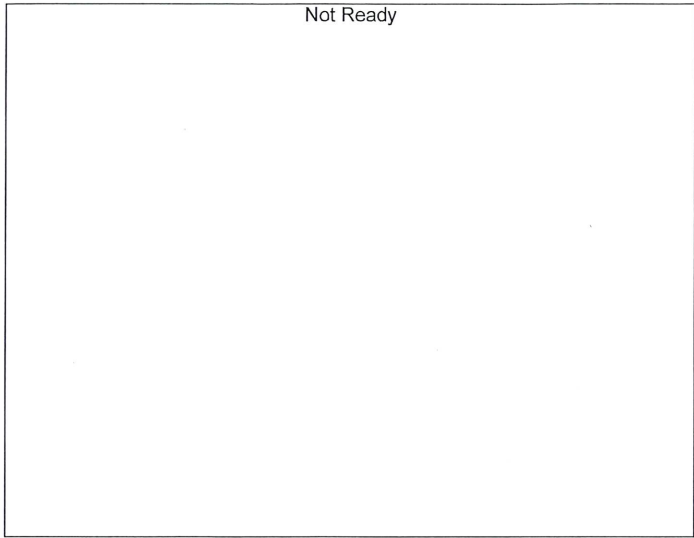
#	Conc.	Area	Std. Conc.
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Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

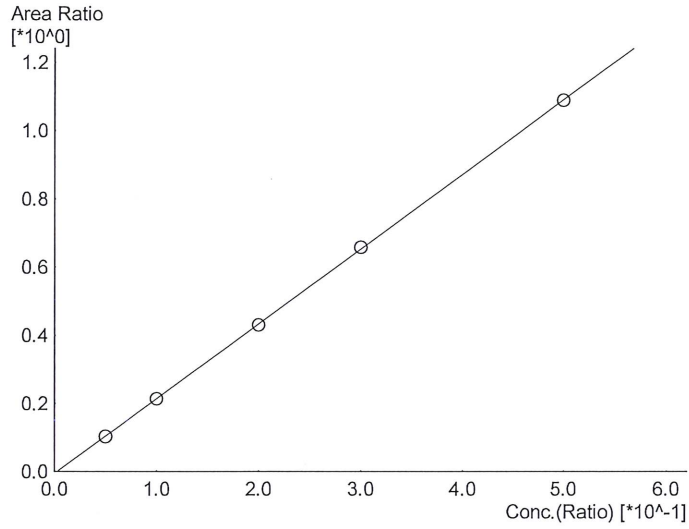
#	Conc.	Area	Std. Conc.
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Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.19376*x-0.00608979$
 R² value= 0.9999314
 FitType: Linear
 ZeroThrough: Not Through

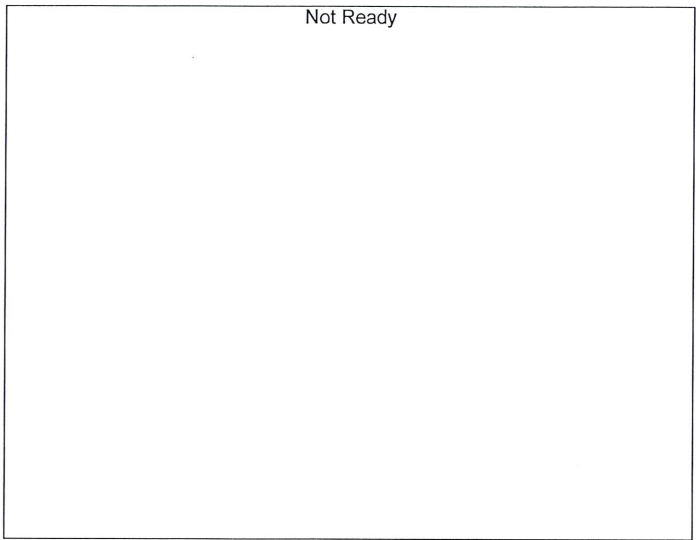
#	Conc.	Area	Std. Conc.
1	0.050	22932	0.0497
2	0.100	50148	0.0999
3	0.200	94360	0.1987
4	0.300	149016	0.3024
5	0.500	248542	0.4990



Name : Acetone
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

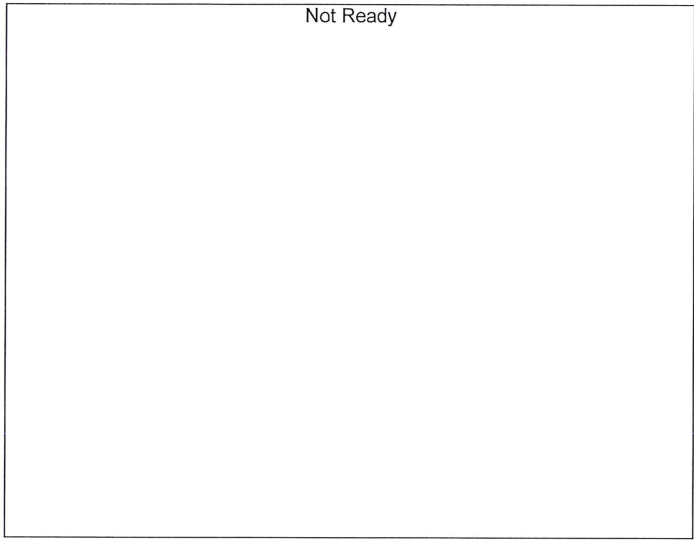
#	Conc.	Area	Std. Conc.
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Name : Isopropyl Alcohol
Detector Name: FID2
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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W

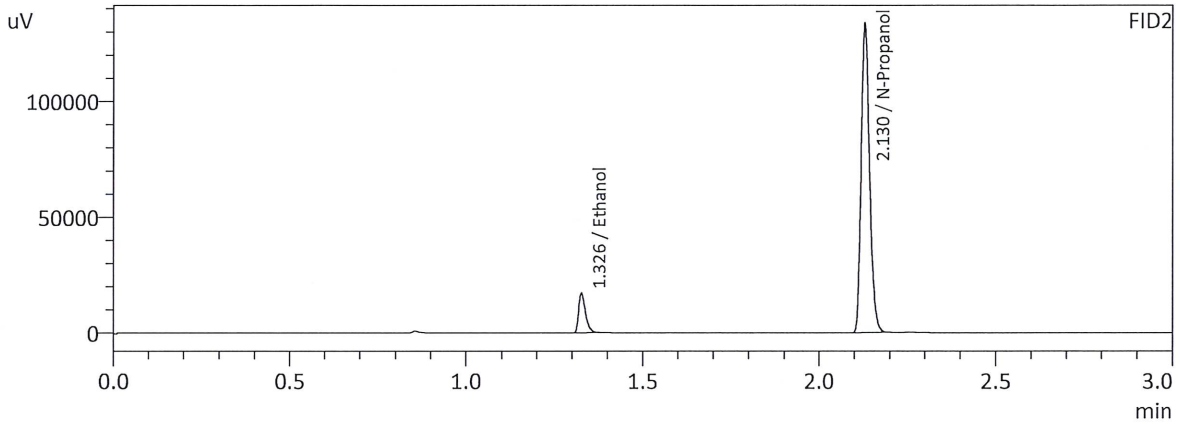
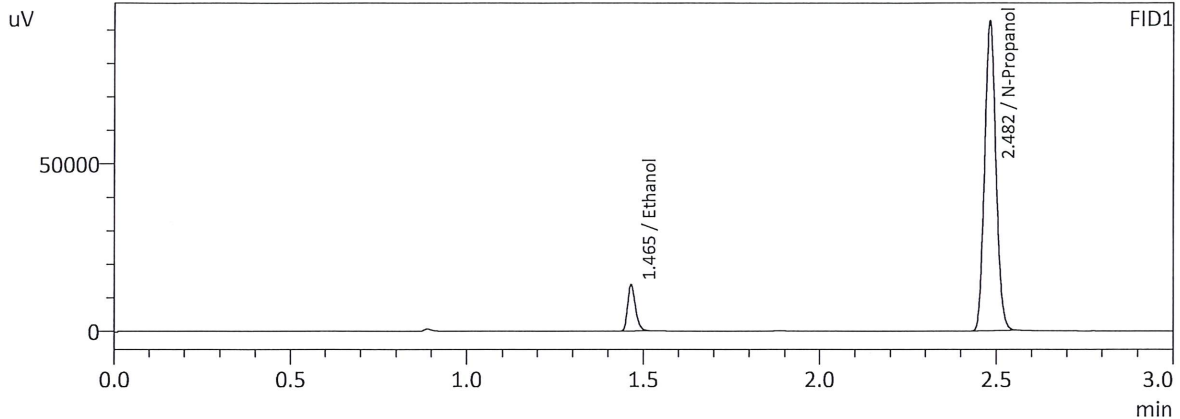
Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Software Ver. 5.99
Copyright (C) 2008-2020 Shimadzu Corporation

Vial#	Sample Name	Sample Type	Level#	Method File
59	0.050	1:Standard:(I)	1	ALCOHOL.GCM
60	0.100	1:Standard	2	ALCOHOL.GCM
61	0.200	1:Standard	3	ALCOHOL.GCM
62	0.300	1:Standard	4	ALCOHOL.GCM
63	0.500	1:Standard	5	ALCOHOL.GCM
64	INT STD BLK	0:Unknown	0	ALCOHOL.GCM



Sample Name : 0.050
 Laboratory : Meridian
 Injection Date : 7/28/2022 12:08:39 PM
 Vial # : 59
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

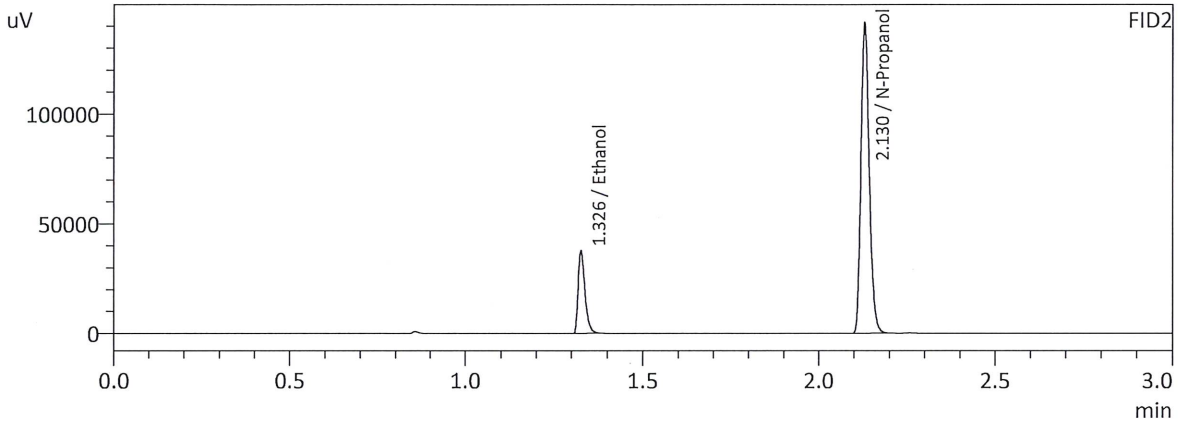
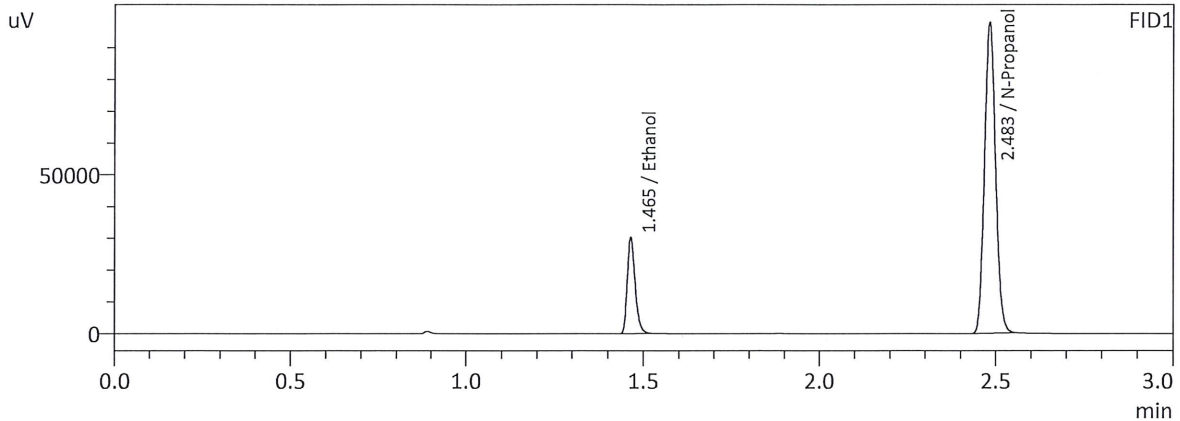
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0498	21283	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	204427	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0497	22932	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	222611	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.100
 Laboratory : Meridian
 Injection Date : 7/28/2022 12:15:53 PM
 Vial # : 60
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

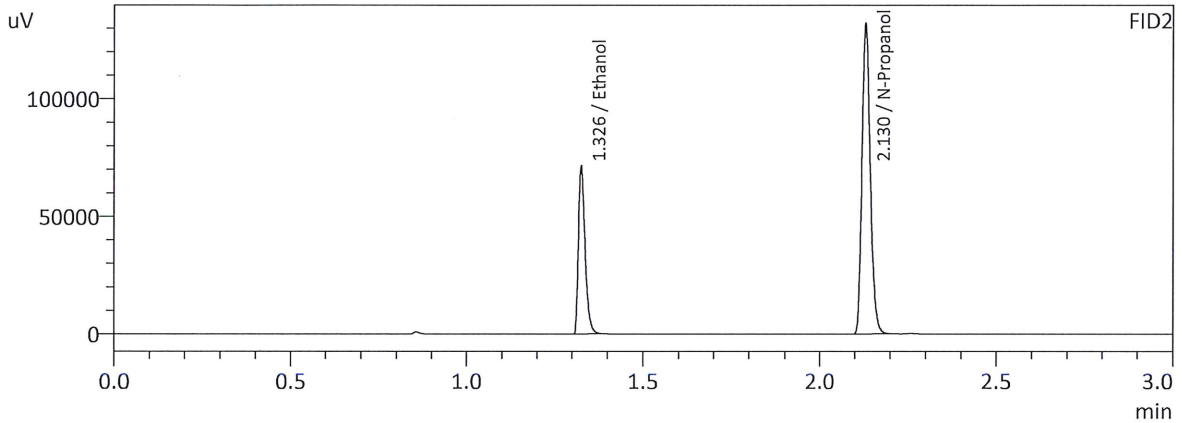
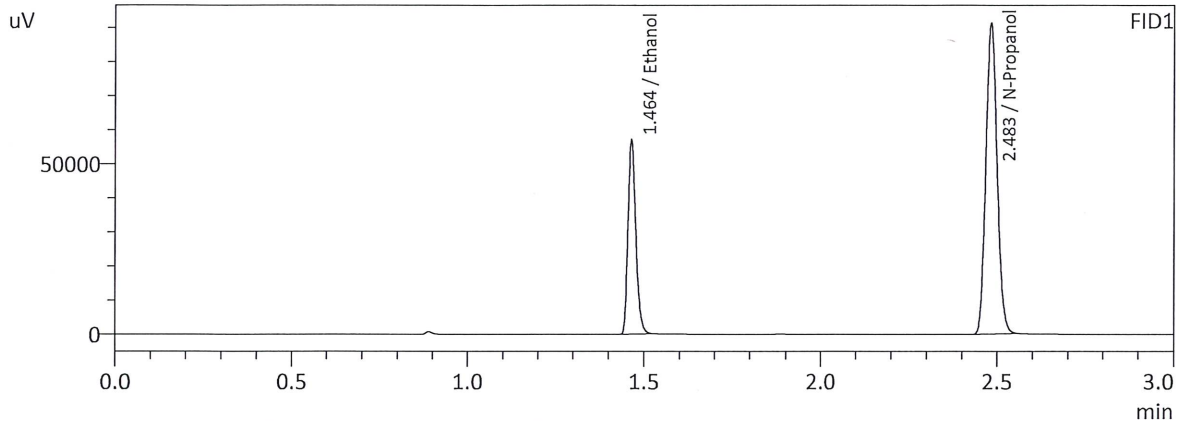
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1000	46309	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	215868	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0999	50148	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	235191	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.200
 Laboratory : Meridian
 Injection Date : 7/28/2022 12:23:22 PM
 Vial # : 61
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

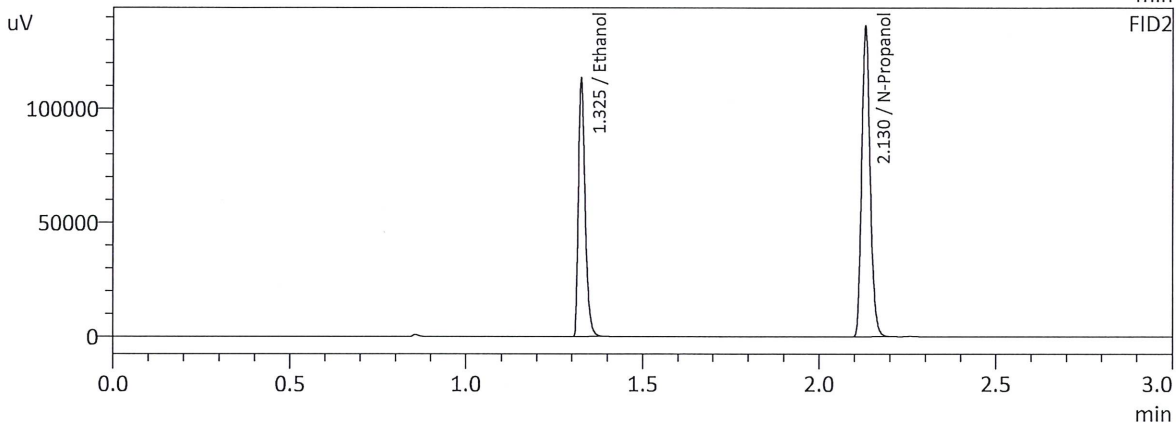
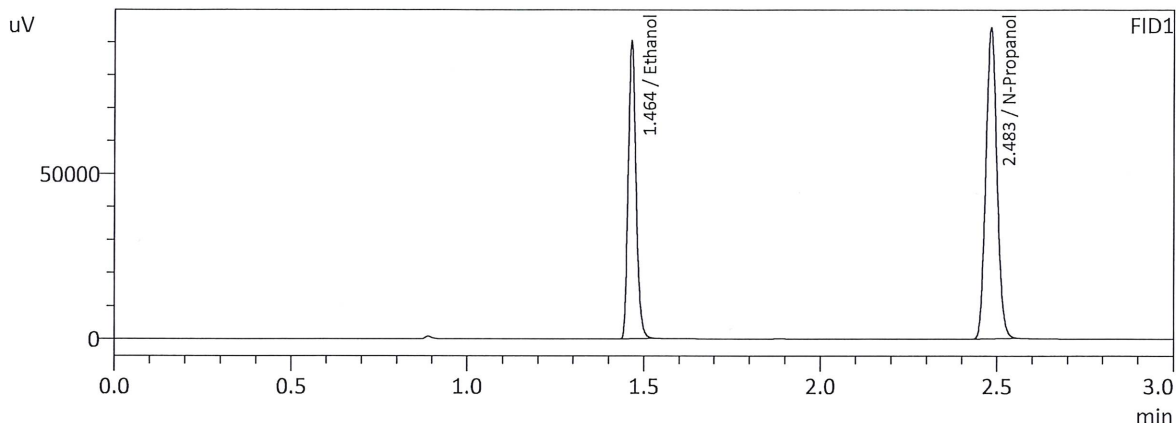
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1986	86991	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	201633	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1987	94360	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	219459	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.300
 Laboratory : Meridian
 Injection Date : 7/28/2022 12:32:13 PM
 Vial # : 62
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

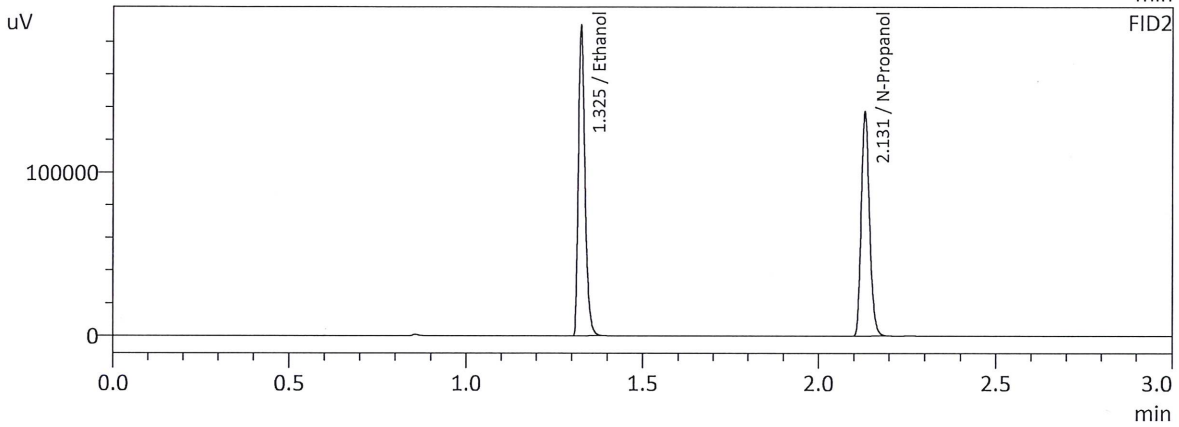
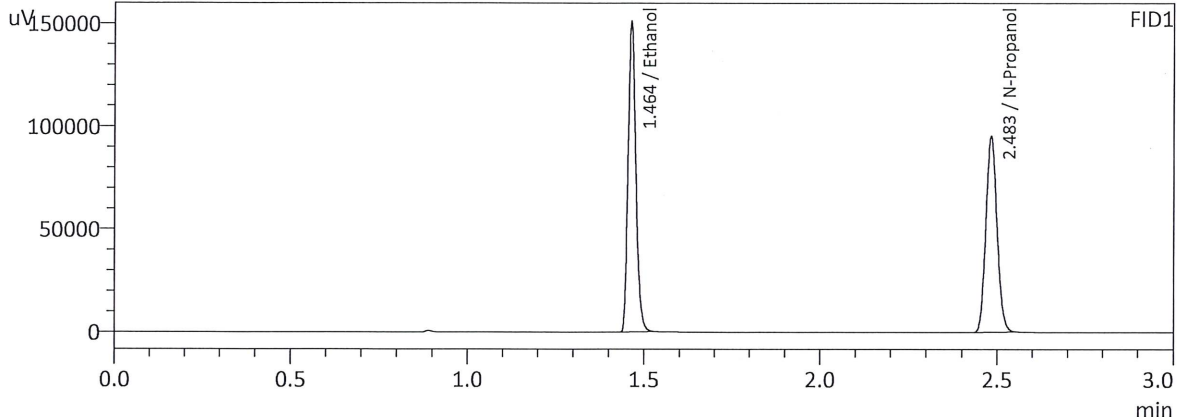
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3023	137252	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	208194	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3024	149016	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	226633	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.500
 Laboratory : Meridian
 Injection Date : 7/28/2022 12:40:35 PM
 Vial # : 63
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

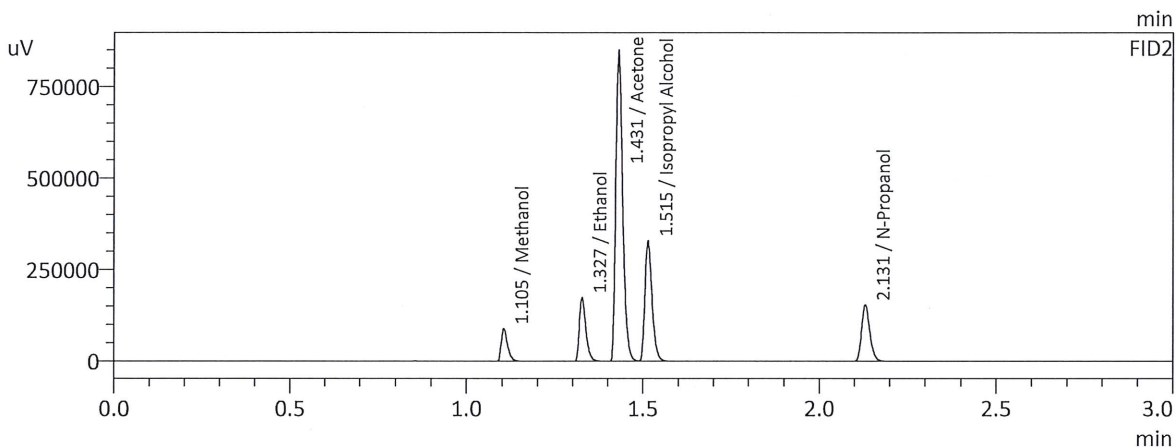
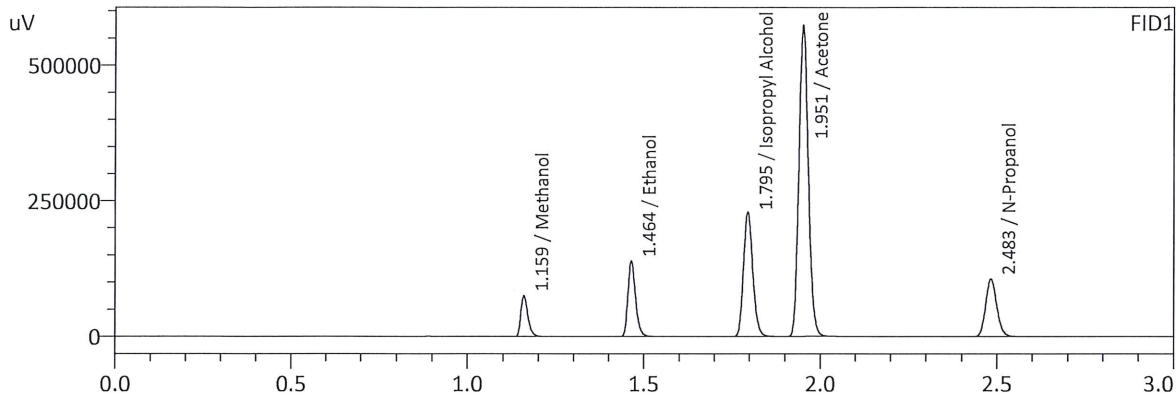
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.4991	229114	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	209808	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.4990	248542	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	228303	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : MIXED VOLATILES FN 06041902
 Laboratory : Meridian
 Injection Date : 7/28/2022 1:46:13 PM
 Vial # : 2
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	101616	g/100cc
Ethanol	0.4118	210841	g/100cc
Isopropyl Alcohol	0.0000	420708	g/100cc
Acetone	0.0000	1053724	g/100cc
N-Propanol	0.0000	234271	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	110745	g/100cc
Ethanol	0.4126	229225	g/100cc
Acetone	0.0000	1139095	g/100cc
Isopropyl Alcohol	0.0000	456783	g/100cc
N-Propanol	0.0000	254944	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QA 0.08

Item #

Analysis Date(s): 7/28/2022

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0801	0.0800	0.0001	0.0800	0.0011	0.0805
(g/100cc)	0.0812	0.0810	0.0002	0.0811		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results

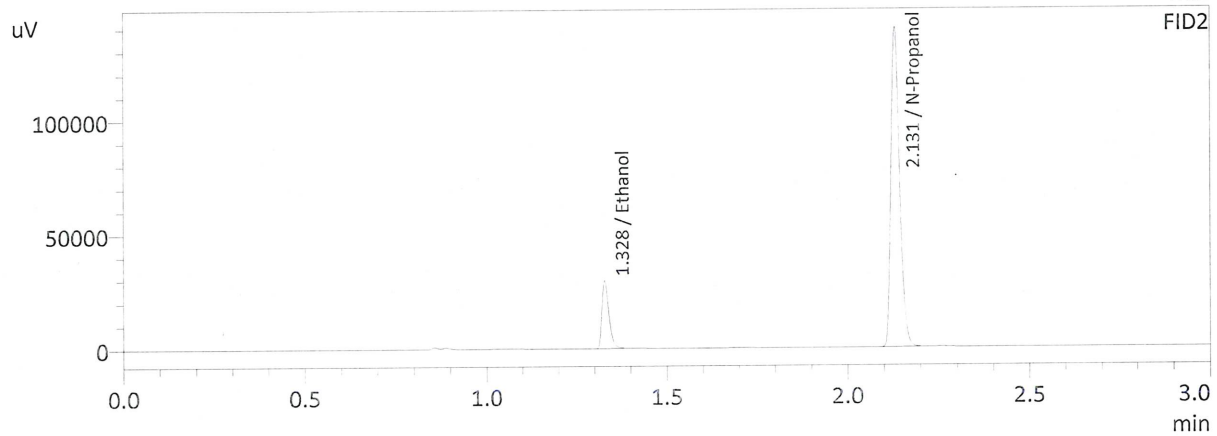
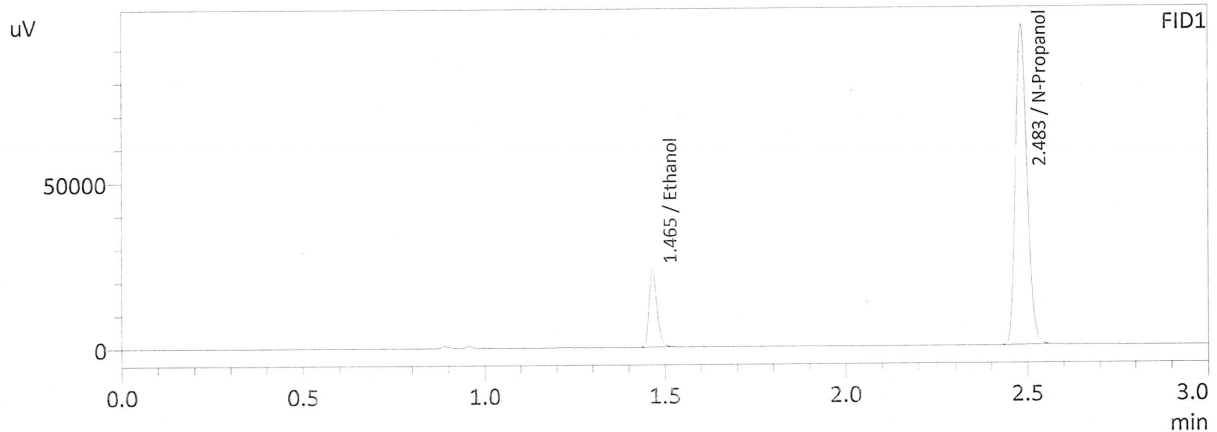
Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

Reported Result	
0.080	

Calibration and control data are stored centrally.

Sample Name : 0.08 QA-A
 Laboratory : Meridian
 Injection Date : 7/28/2022 2:10:04 PM
 Vial # : 5
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

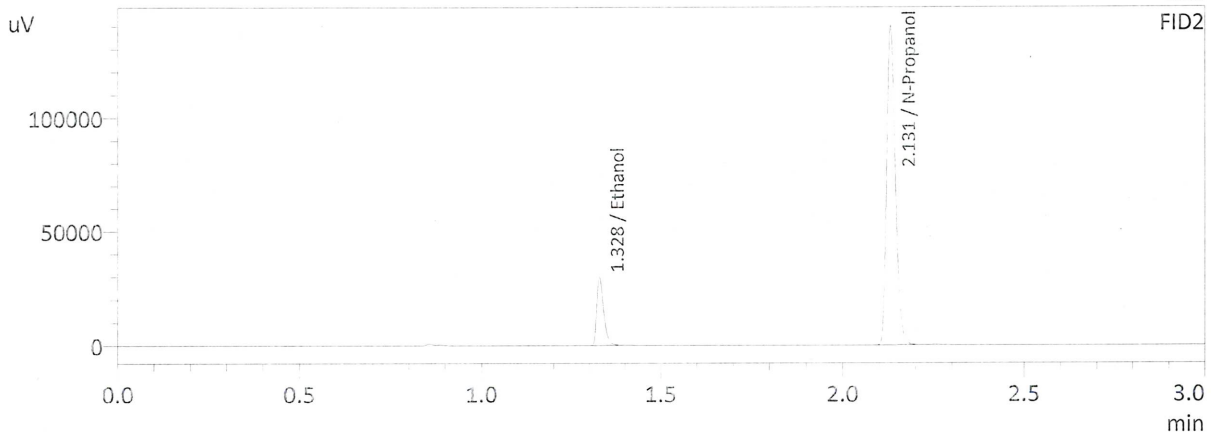
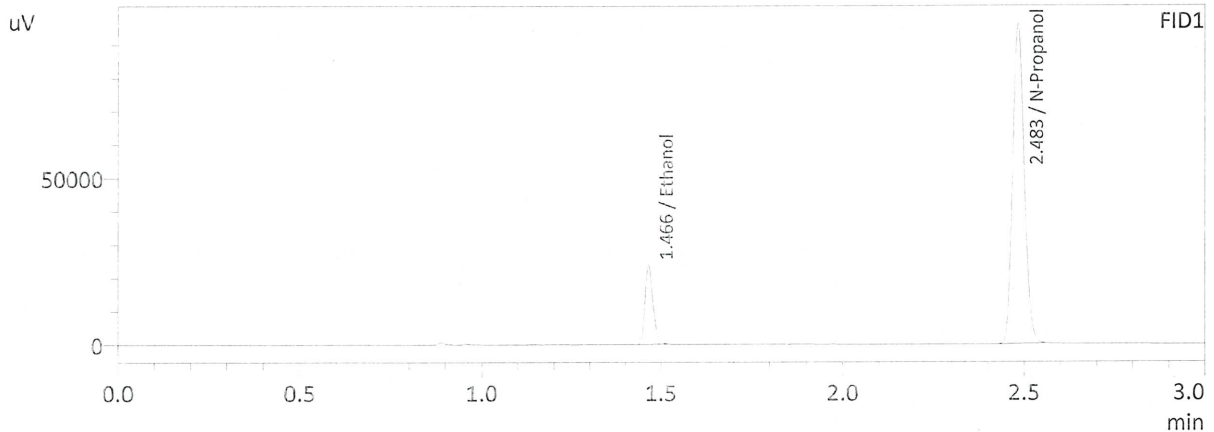
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0801	36375	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	213038	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0800	39416	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	232635	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

N

Sample Name : 0.08 QA-B
 Laboratory : Meridian
 Injection Date : 7/28/2022 2:18:35 PM
 Vial # : 6
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0812	36848	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	212680	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0810	39881	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	232267	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC 1-1

Item #

Analysis Date(s): 7/28/2022

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0756	0.0755	0.0001	0.0755	0.0005	0.0753
(g/100cc)	0.0751	0.0750	0.0001	0.0750		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results

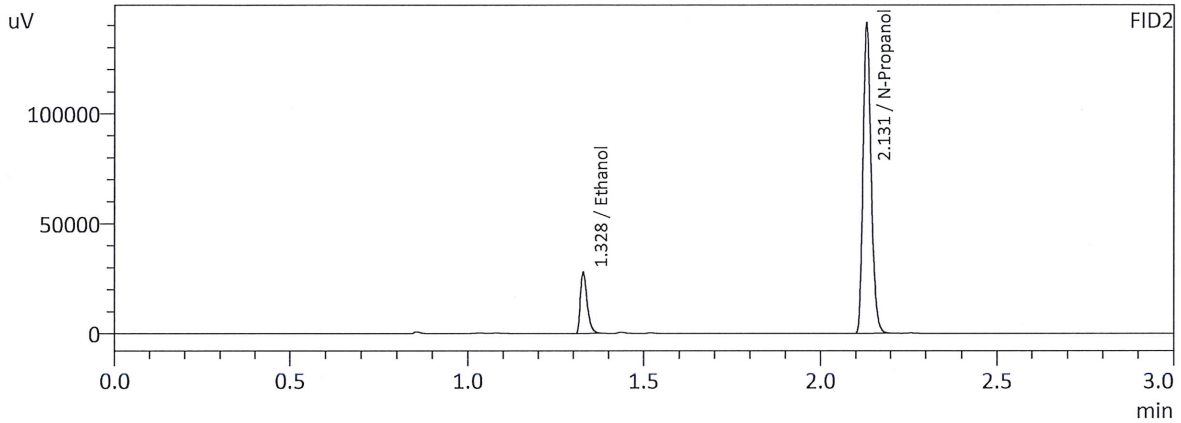
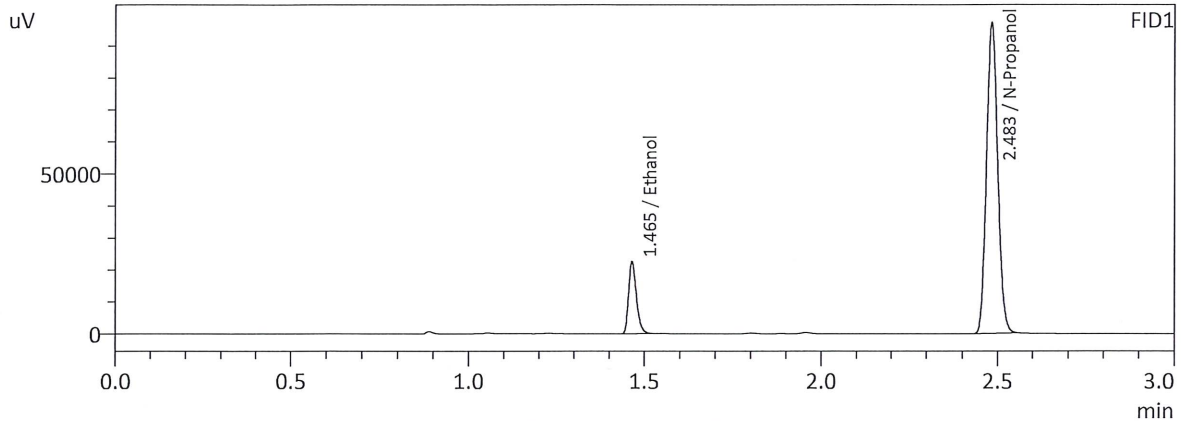
Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.075	0.071	0.079	0.004

Reported Result	
0.075	

Calibration and control data are stored centrally.

Sample Name : QC-1-1-A
 Laboratory : Meridian
 Injection Date : 7/28/2022 1:53:33 PM
 Vial # : 3
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

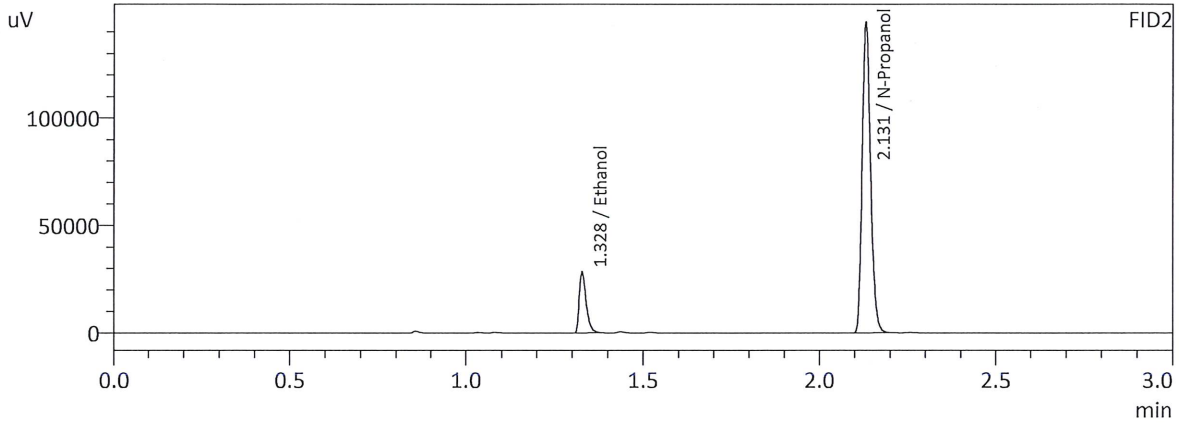
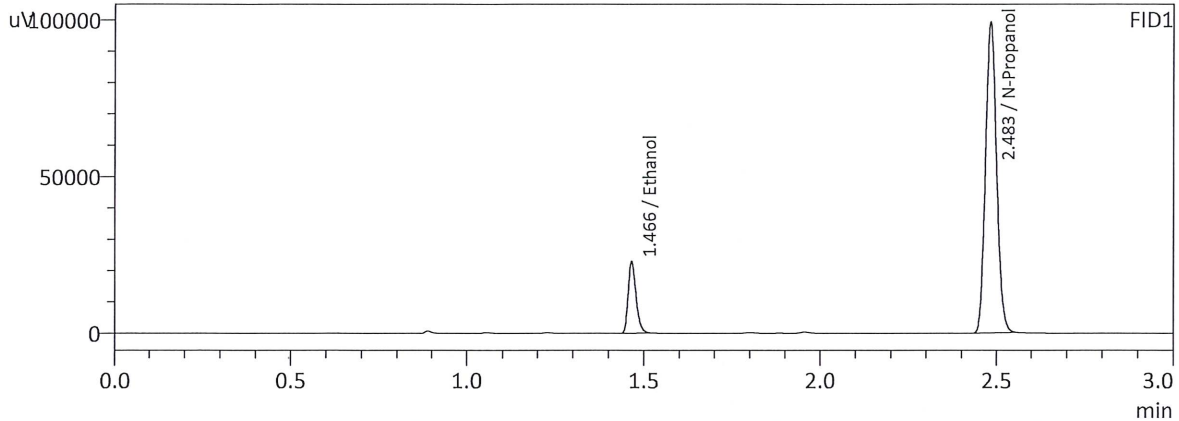
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0756	34495	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	214505	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0755	37397	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	234168	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC-1-1-B
 Laboratory : Meridian
 Injection Date : 7/28/2022 2:02:34 PM
 Vial # : 4
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0751	35045	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	219327	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0750	37979	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	239549	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC 1-2

Item #

Analysis Date(s): 7/28/2022

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0775	0.0774	0.0001	0.0774	0.0008	0.0778
(g/100cc)	0.0783	0.0782	0.0001	0.0782		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results

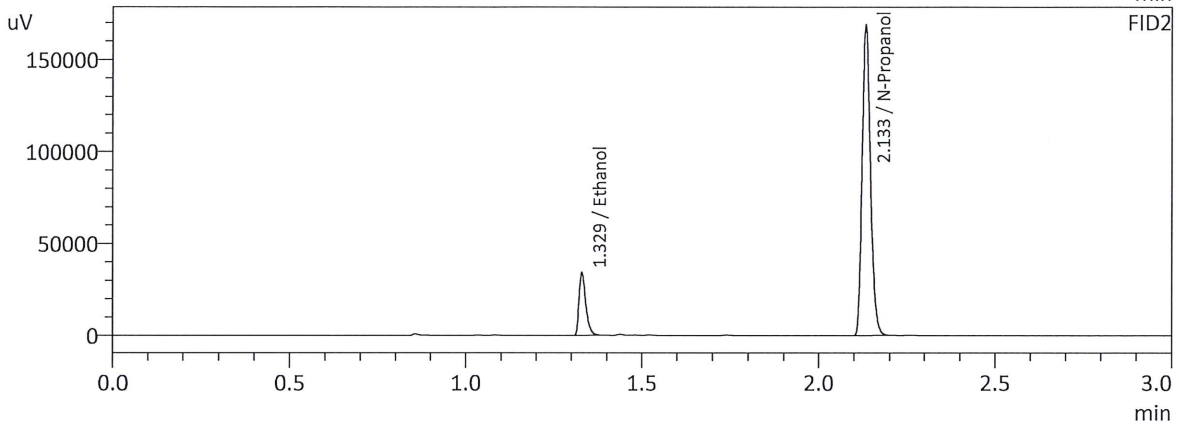
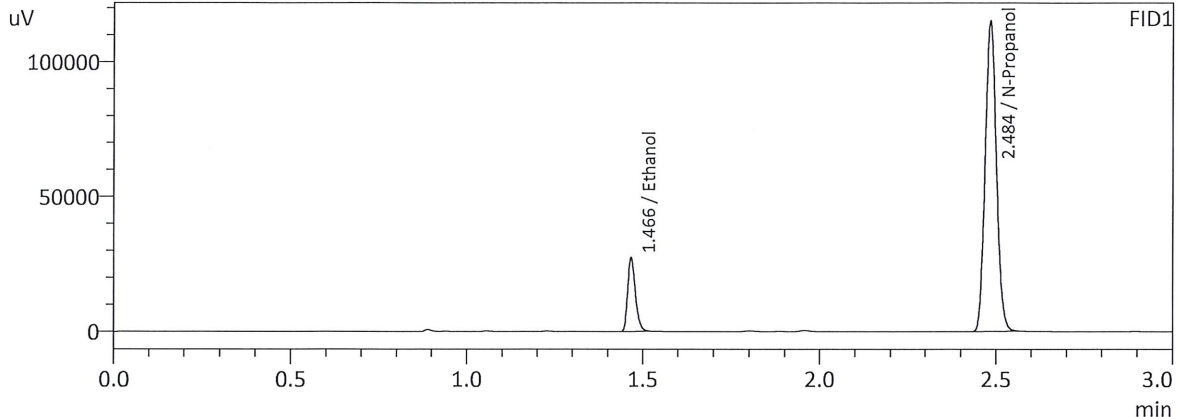
Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	0.073	0.081	0.004

Reported Result	
0.077	

Calibration and control data are stored centrally.

Sample Name : QC1-2-A
 Laboratory : Meridian
 Injection Date : 7/28/2022 7:44:09 PM
 Vial # : 47
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

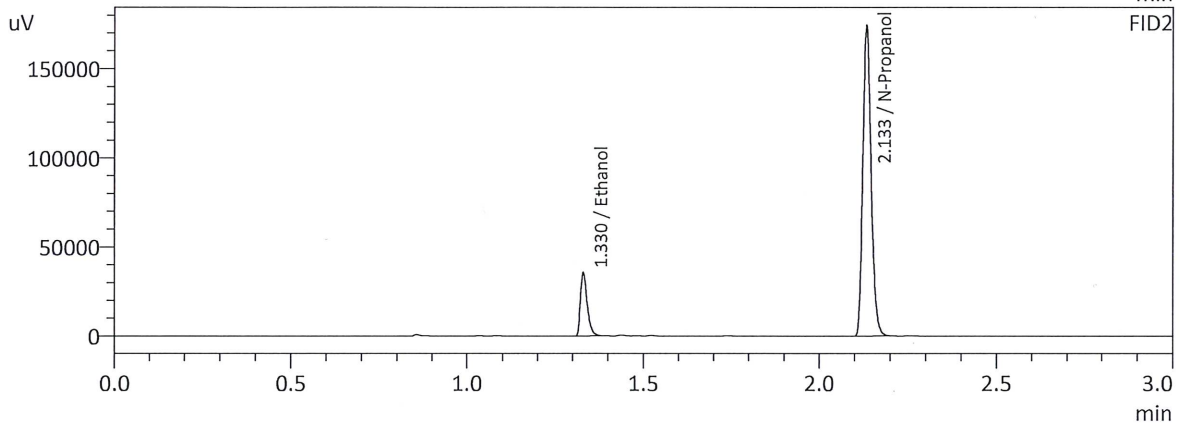
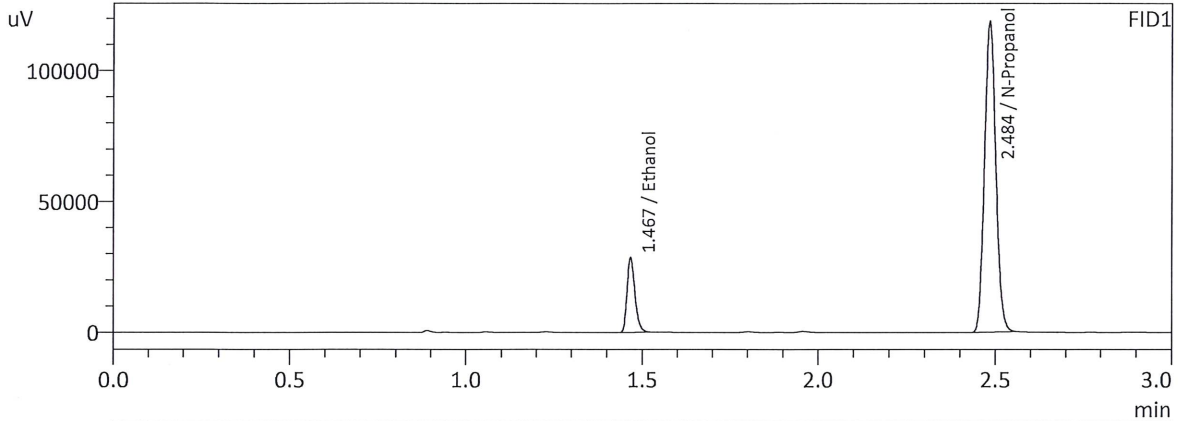
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0775	42076	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	254934	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0774	45629	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	278511	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC1-2-B
 Laboratory : Meridian
 Injection Date : 7/28/2022 7:52:51 PM
 Vial # : 48
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0783	43817	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	262713	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0782	47541	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	287043	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC 2-1

Item #

Analysis Date(s): 7/28/2022

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2058	0.2057	0.0001	0.2057	0.0022	0.2068
(g/100cc)	0.2079	0.2079	0.0000	0.2079		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.206	0.195	0.217	0.011

Reported Result	
0.206	

Calibration and control data are stored centrally.

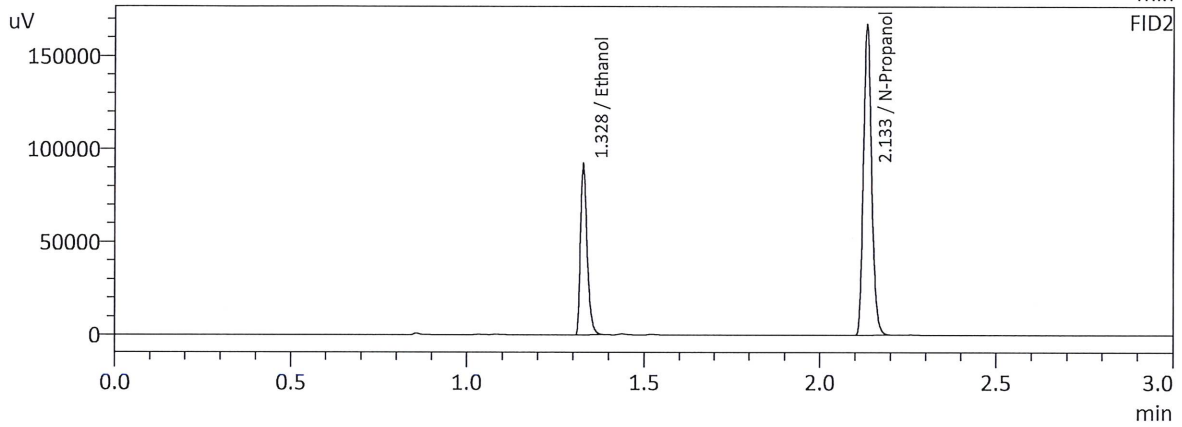
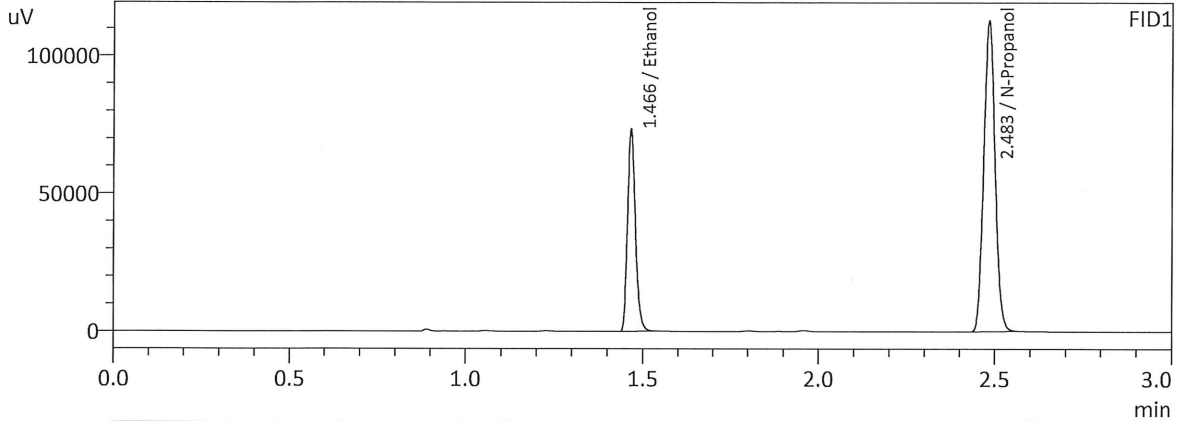


Revision: 1

Issue Date: 12/29/2021

Issuing Authority: Quality Manager

Sample Name : QC-2-1-A
 Laboratory : Meridian
 Injection Date : 7/28/2022 4:50:08 PM
 Vial # : 25
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

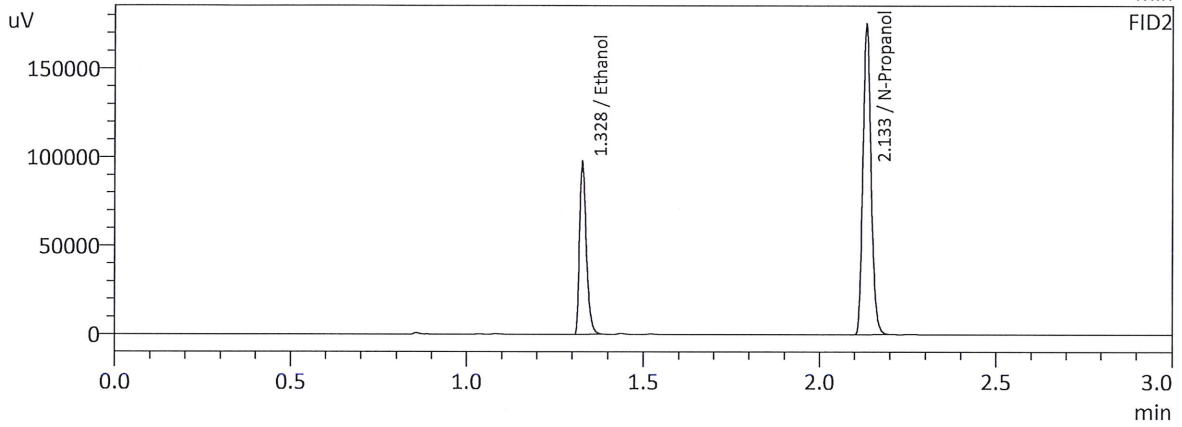
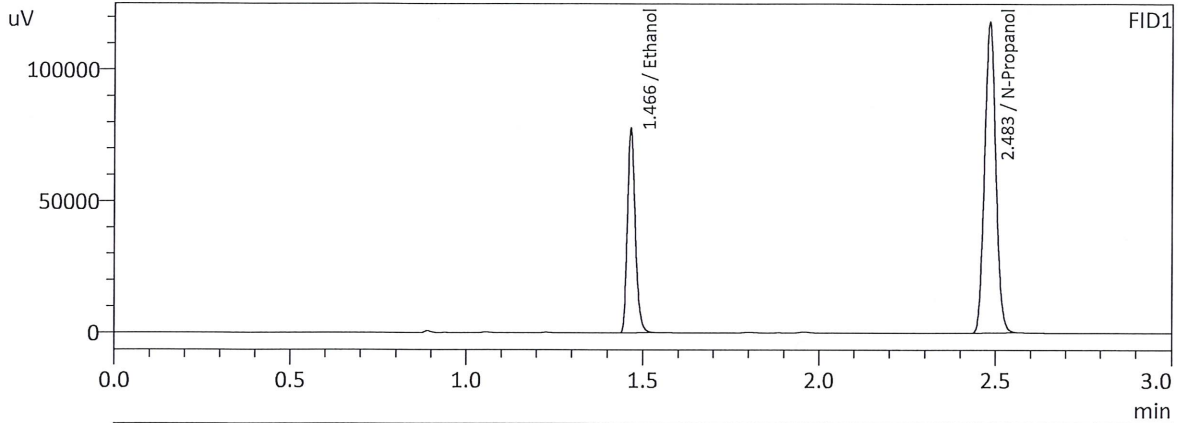
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2058	112218	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	251006	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2057	122058	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	274091	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC-2-1-B
 Laboratory : Meridian
 Injection Date : 7/28/2022 4:57:34 PM
 Vial # : 26
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

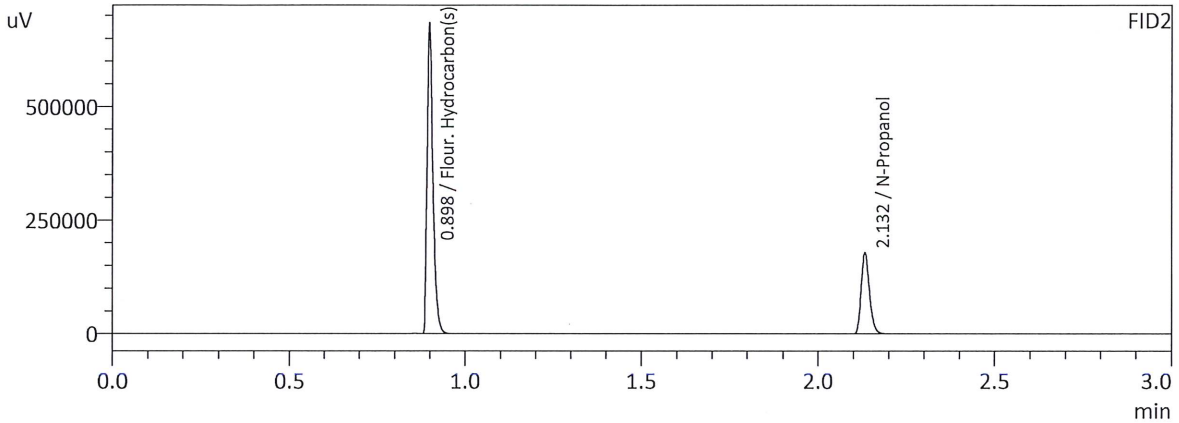
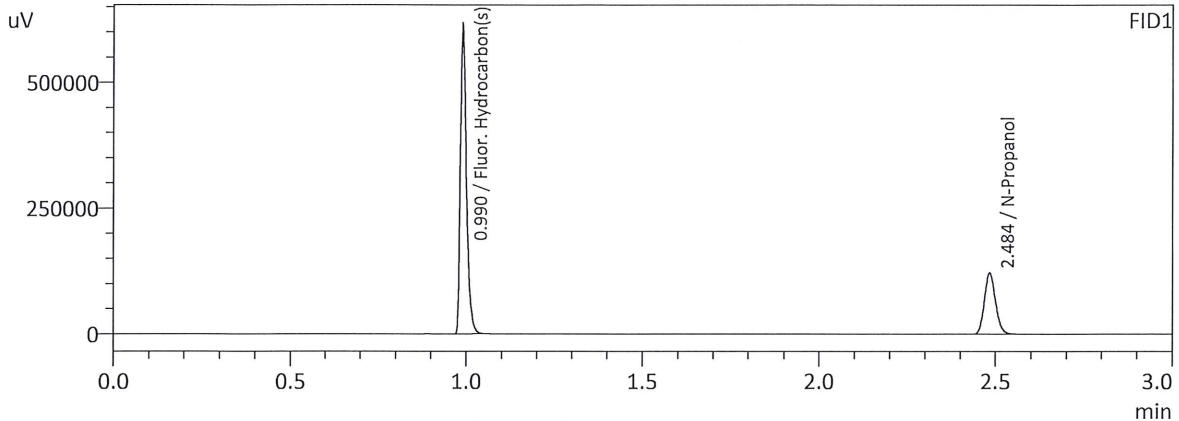
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2079	118908	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	263163	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2079	129306	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	287338	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : DFE 111914 0M
 Laboratory : Meridian
 Injection Date : 7/28/2022 8:07:49 PM
 Vial # : 50
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

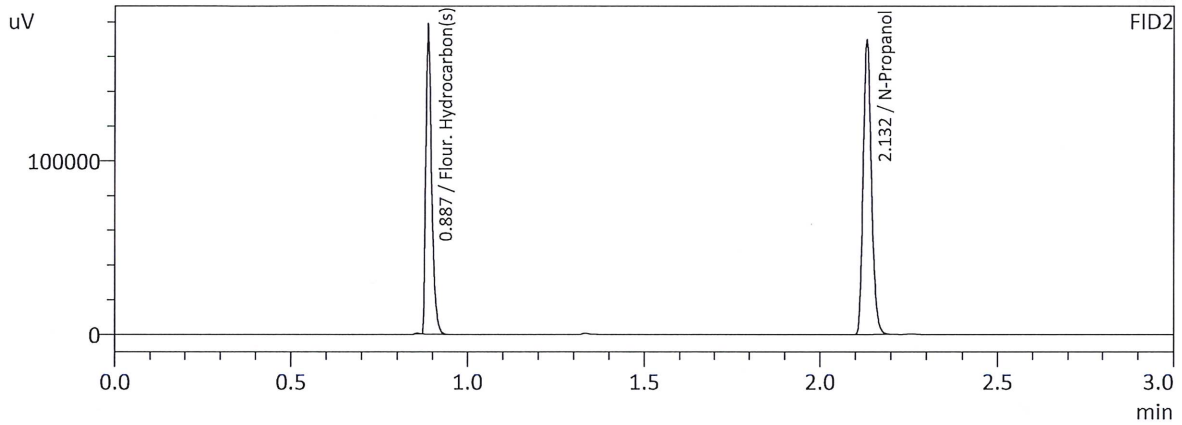
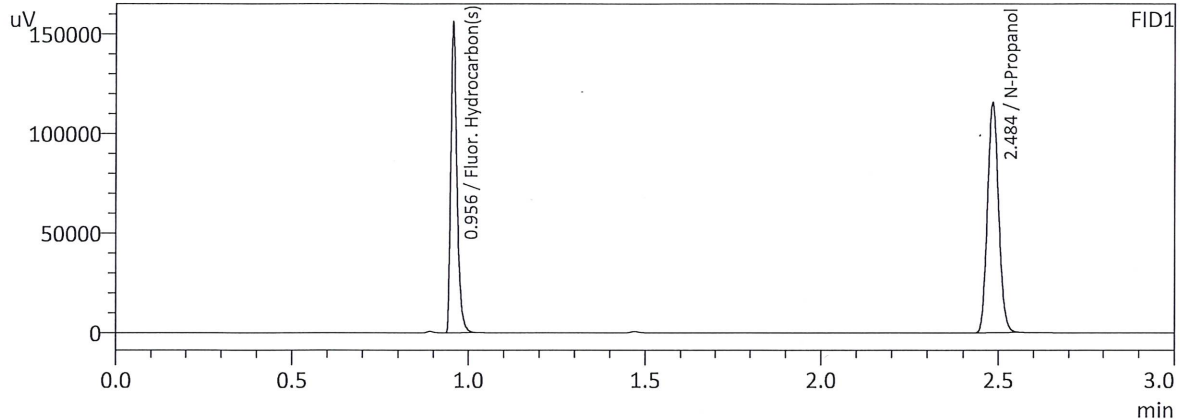
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	268627	g/100cc
Fluor. Hydrocarbon(s)	0.0000	736092	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	293517	g/100cc
Fluor. Hydrocarbon(s)	0.0000	791877	g/100cc

W

Sample Name : TFE 111914
 Laboratory : Meridian
 Injection Date : 7/28/2022 8:23:57 PM
 Vial # : 52
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

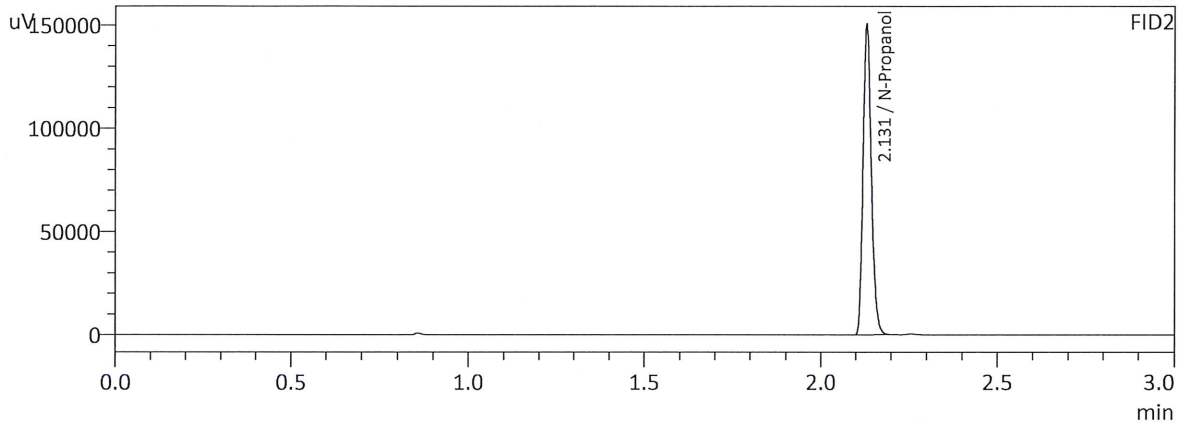
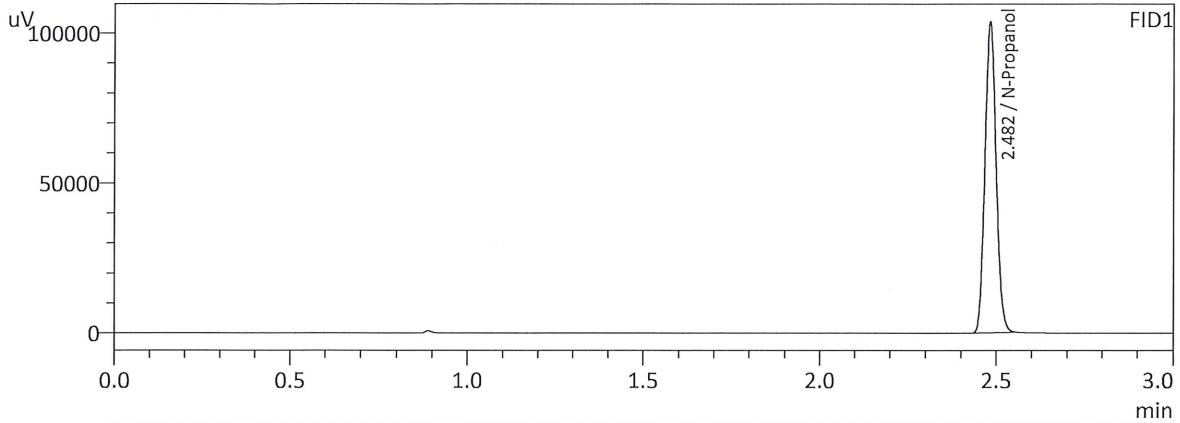
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	255772	g/100cc
Flour. Hydrocarbon(s)	0.0000	190341	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	279435	g/100cc
Flour. Hydrocarbon(s)	0.0000	207604	g/100cc

W

Sample Name : INT STD BLK 1
 Laboratory : Meridian
 Injection Date : 7/28/2022 1:38:53 PM
 Vial # : 1
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

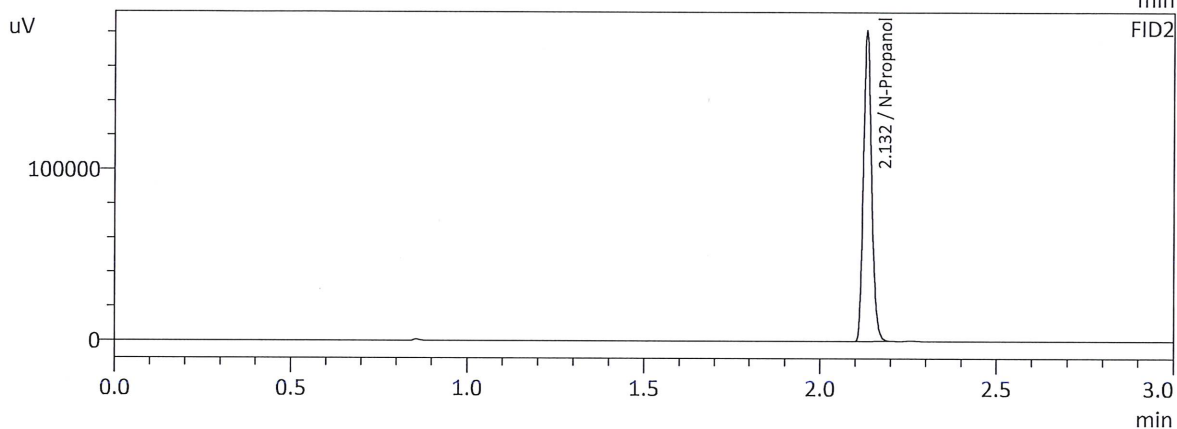
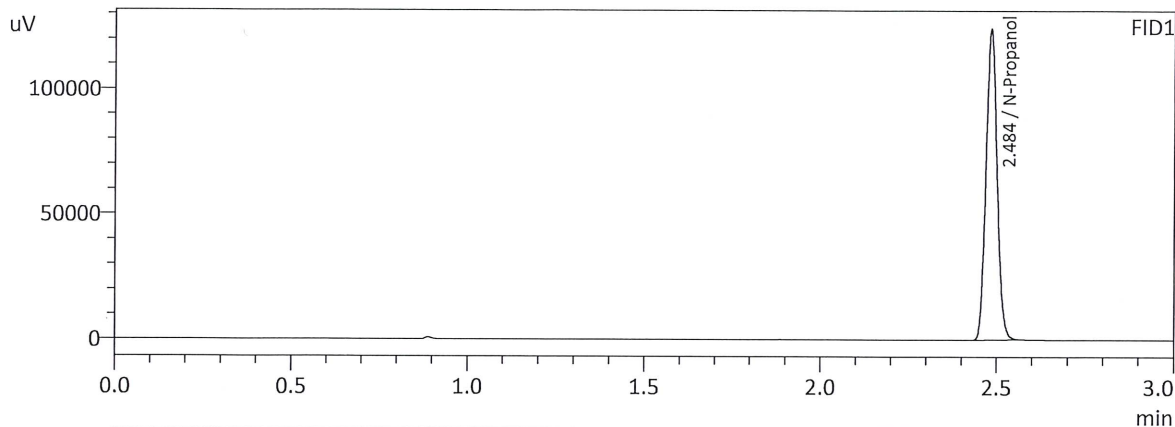
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	228754	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	249741	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : INT STD BLK
 Laboratory : Meridian
 Injection Date : 7/28/2022 8:31:50 PM
 Vial # : 53
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

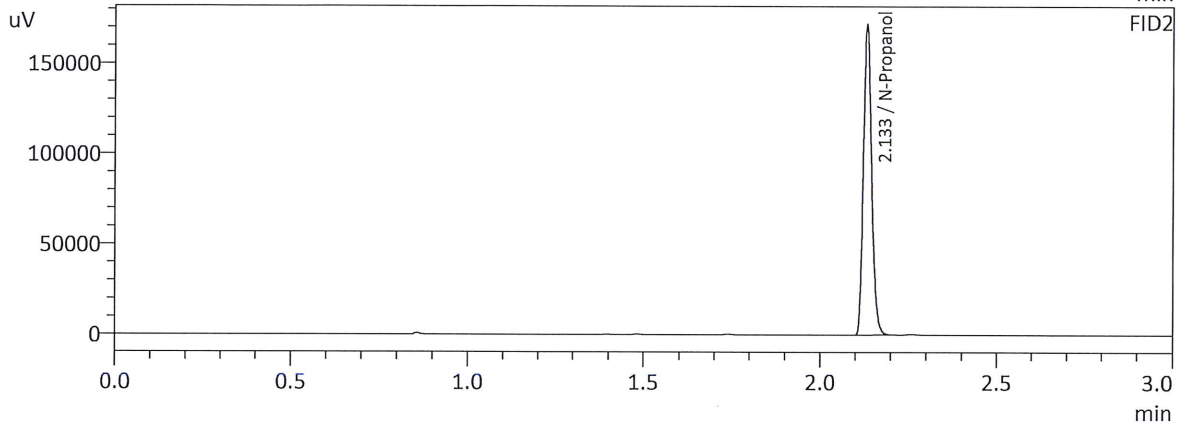
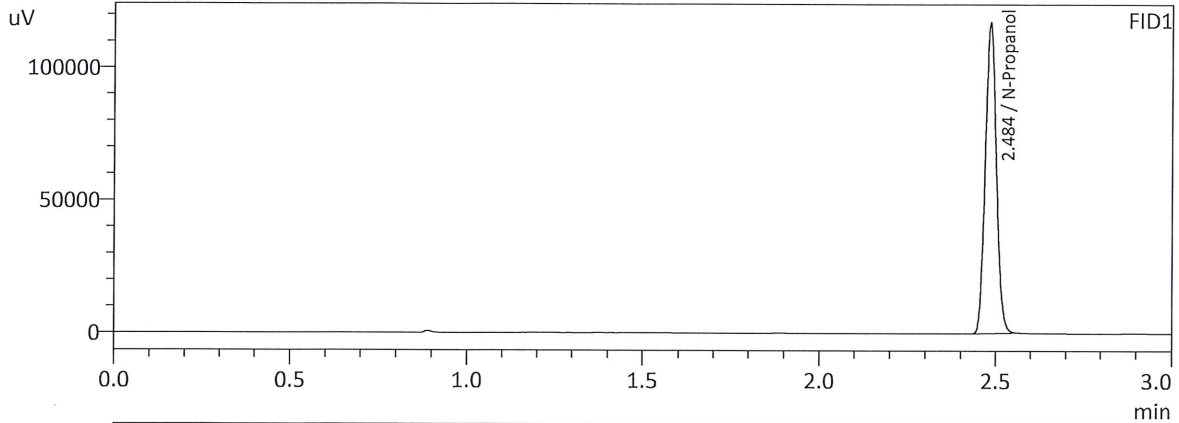
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	274380	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	299582	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : INT STD BLK 2
 Laboratory : Meridian
 Injection Date : 7/28/2022 8:00:05 PM
 Vial # : 49
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

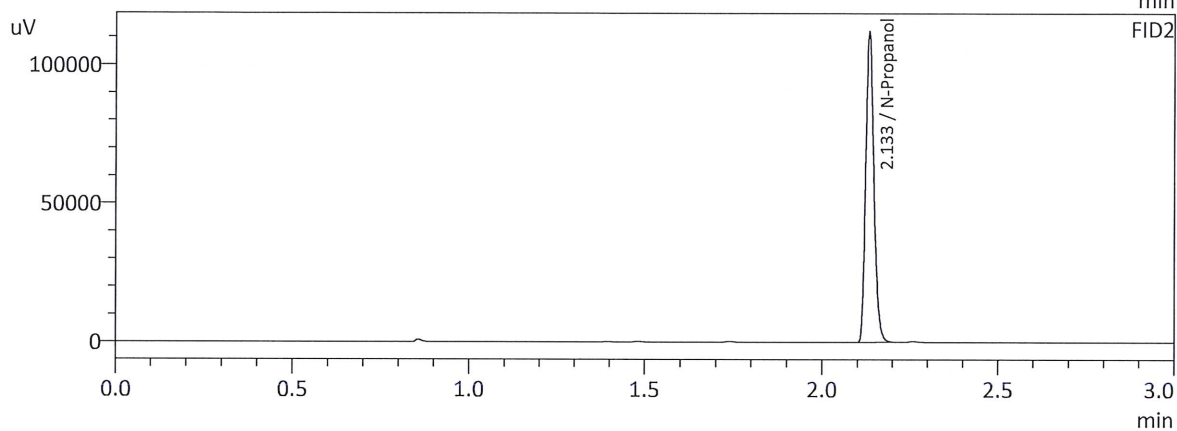
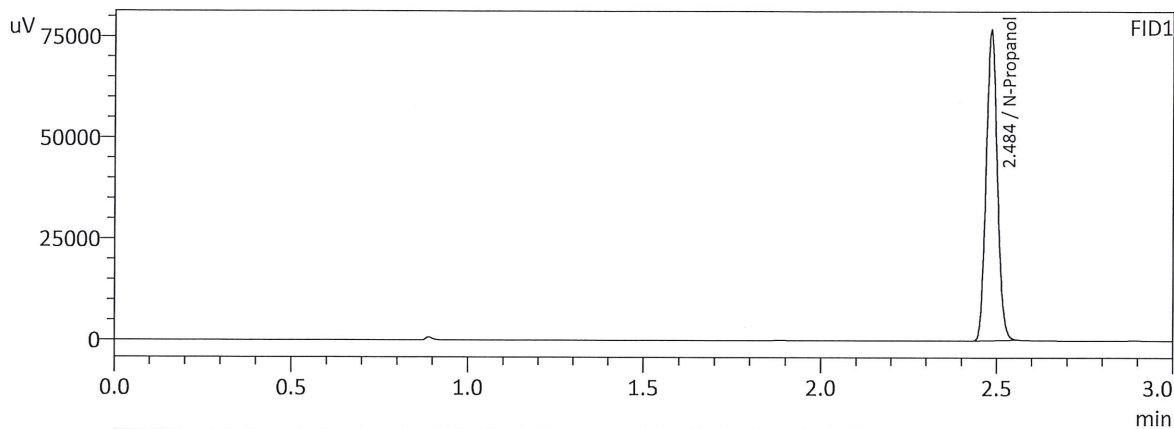
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	259388	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	283432	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : INT STD BLK 3
 Laboratory : Meridian
 Injection Date : 7/28/2022 8:16:33 PM
 Vial # : 51
 Method Filename : C:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	170116	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	186095	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
 Shimadzu HS-20 Serial #C12595800409
 Lab Solutions Software Ver. 5.99
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Vial#	Sample Name	Method File
1	INT STD BLK 1	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
2	ED VOLATILES FN 0604	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
3	QC-1-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
4	QC-1-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
5	0.08 QA-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
6	0.08 QA-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
7	M2022-2885-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
8	M2022-2885-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
9	M2022-2915-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
10	M2022-2915-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
11	M2022-2923-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
12	M2022-2923-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
13	M2022-2929-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
14	M2022-2929-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
15	M2022-2935-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
16	M2022-2935-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
17	M2022-2985-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
18	M2022-2985-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
19	M2022-2987-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
20	M2022-2987-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
21	M2022-2996-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
22	M2022-2996-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
23	M2022-3013-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
24	M2022-3013-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
25	QC-2-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
26	QC-2-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
27	M2022-3014-2-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
28	M2022-3014-2-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
29	M2022-3059-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
30	M2022-3059-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
31	M2022-3063-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
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33	M2022-3075-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
34	M2022-3075-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
35	M2022-3083-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
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39	M2022-3108-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
40	M2022-3108-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
41	P2022-2171-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
42	P2022-2171-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
43	P2022-2236-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
44	P2022-2236-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
45	P2022-2238-1-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
46	P2022-2238-1-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
47	QC1-2-A	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
48	QC1-2-B	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
49	INT STD BLK 2	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
50	DFE 111914 0M	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
51	INT STD BLK 3	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
52	TFE 111914	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN
53	INT STD BLK	:\LabSolutions\Data\220728B\CALIBRATION\ALCOHOL.GCN