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): 10/12/21**

calibration + extraction 10/12/21

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0744 g/100cc
					0.0780 g/100cc
					g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2127 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:		**Lot #**	FN07101701		acceptable
Curve Fit:	**Column 1**	0.99995	**Column2**	0.99999	

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0516	0.0507	0.0009	0.0511
100	0.100	0.090 - 0.110	0.0995	0.0995	0	0.0995
200	0.200	0.180 - 0.220	0.1984	0.1991	0.0007	0.1987
300	0.300	0.270 - 0.330	0.2995	0.3004	0.0009	0.2999
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5007	0.5000	0.0007	0.5003

Aqueous Controls

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

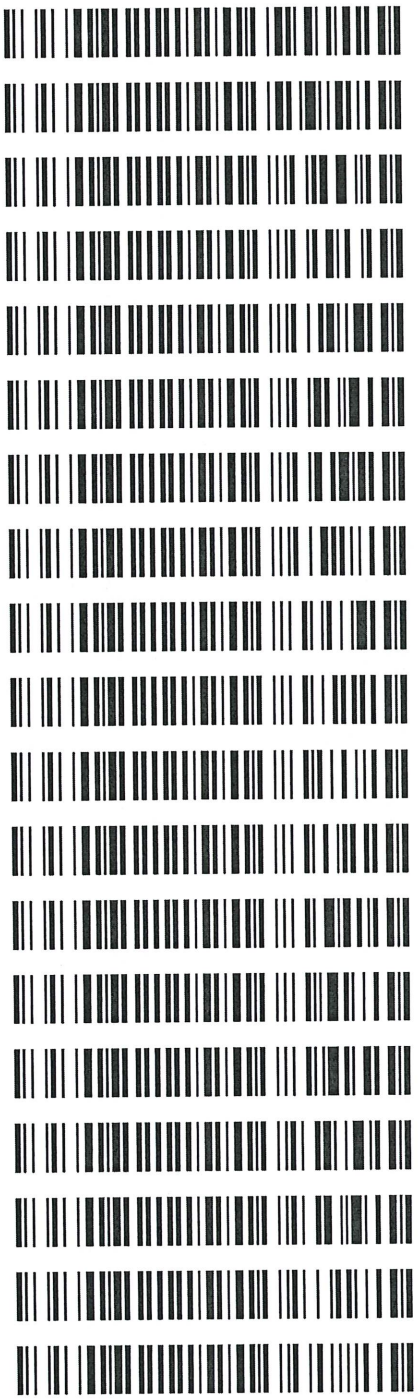
NB

REVIEWED
By Jeremy Johnston at 1:31 pm, Oct 13, 2021

Revision: 2
Issue Date: 12/23/2019
Issuing Authority: Quality Manager

Worklist: 5284

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2021-4396	2	BCK	Alcohol Analysis
M2021-4405	1	BCK	Alcohol Analysis
M2021-4434	1	BCK	Alcohol Analysis
M2021-4435	1	BCK	Alcohol Analysis
M2021-4436	1	BCK	Alcohol Analysis
M2021-4437	1	BCK	Alcohol Analysis
M2021-4438	1	BCK	Alcohol Analysis
M2021-4439	1	BCK	Alcohol Analysis
M2021-4442	1	BCK	Alcohol Analysis
M2021-4443	1	BCK	Alcohol Analysis
M2021-4443	2	BCK	Alcohol Analysis
M2021-4444	2	BCK	Alcohol Analysis
M2021-4459	1	BCK	Alcohol Analysis
M2021-4460	1	BCK	Alcohol Analysis
M2021-4461	1	BCK	Alcohol Analysis
M2021-4482	1	BCK	Alcohol Analysis
M2021-4483	1	BCK	Alcohol Analysis
M2021-4486	1	BCK	Alcohol Analysis
M2021-4495	1	BCK	Alcohol Analysis

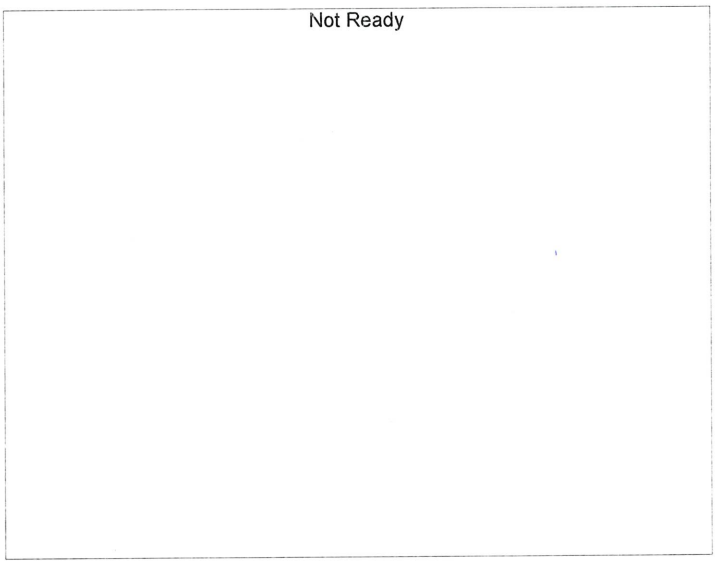


NB

Calibration Table

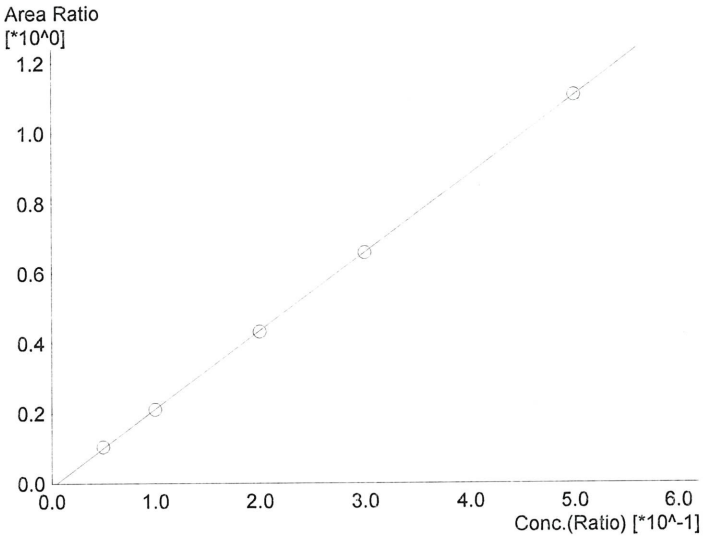
Laboratory : MERIDIAN
Instrument Name : GC-HS
Instrument Serial # : C12595800409 / C12255750548

<<Data File>>
Method File :C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Batch File :C:\LabSolutions\Data\211012\CALIBRATION\CALCURVE_TEMPLATE.gcb
Date Acquired :10/12/2021 12:02:12 PM
Date Created :10/12/2021 11:57:46 AM
Date Modified :10/12/2021 12:05:15 PM



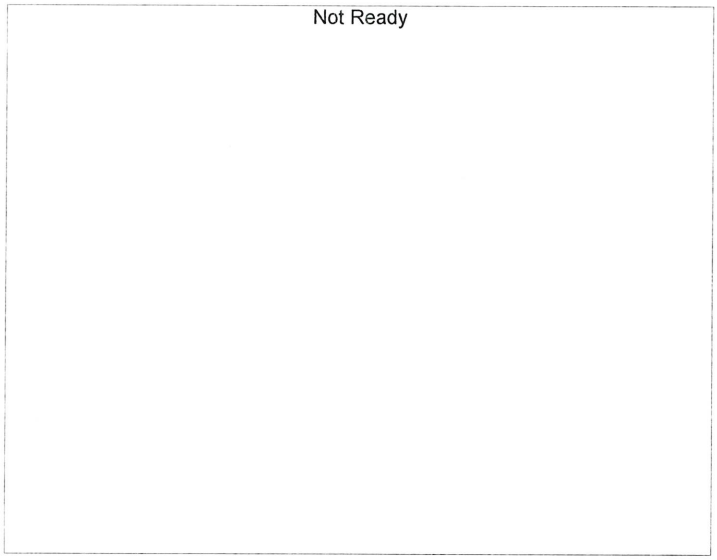
Name : Methanol
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



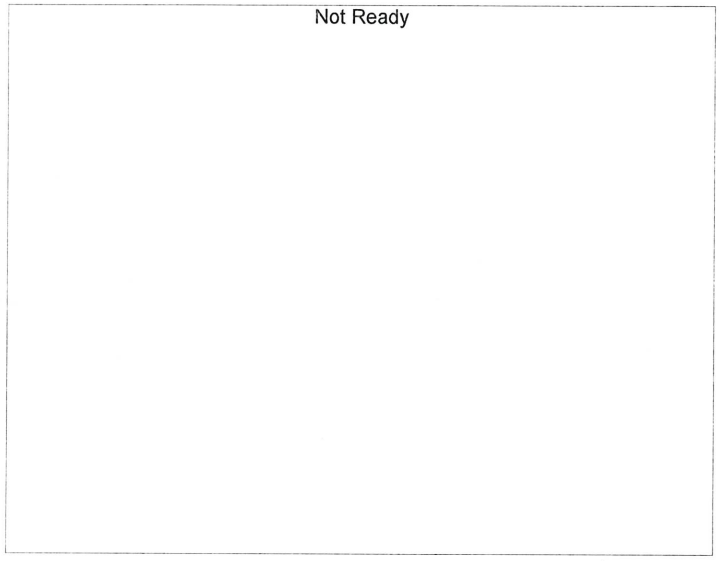
Name : Ethanol
Detector Name: FID1
Function : f(x)=2.23347*x-0.0115954
R^2 value= 0.9999534
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	18690	0.0516
2	0.100	37917	0.0995
3	0.200	77320	0.1984
4	0.300	118228	0.2995
5	0.500	207663	0.5007



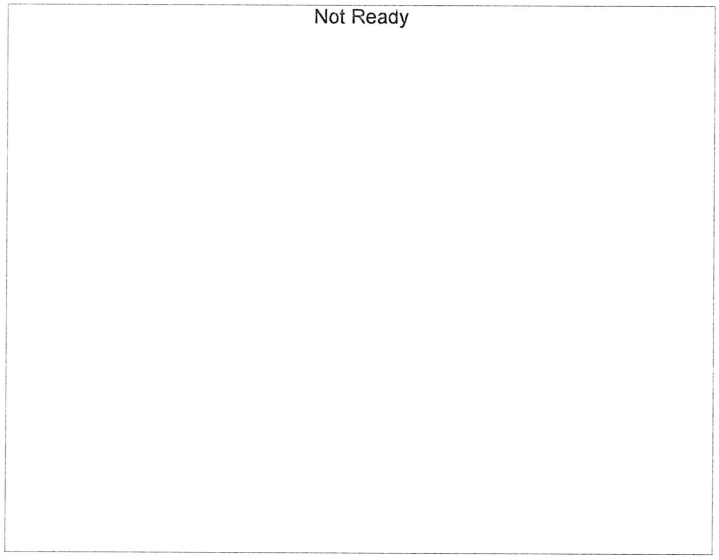
Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



Name : Acetone
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

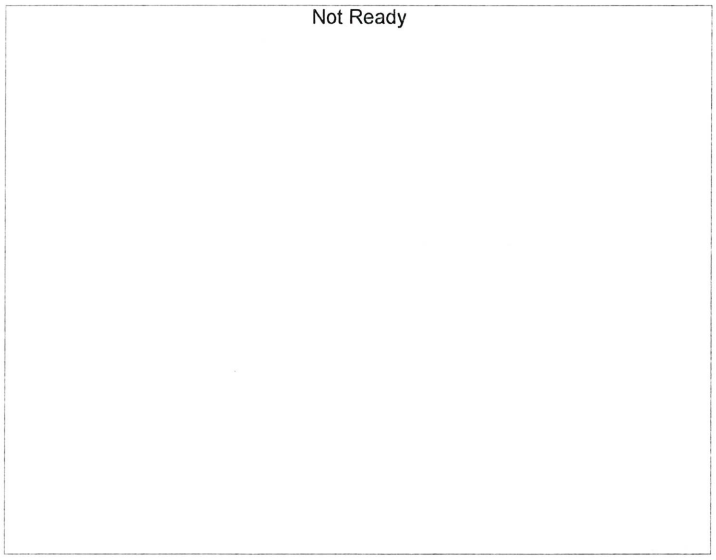
#	Conc.	Area	Std. Conc.



Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

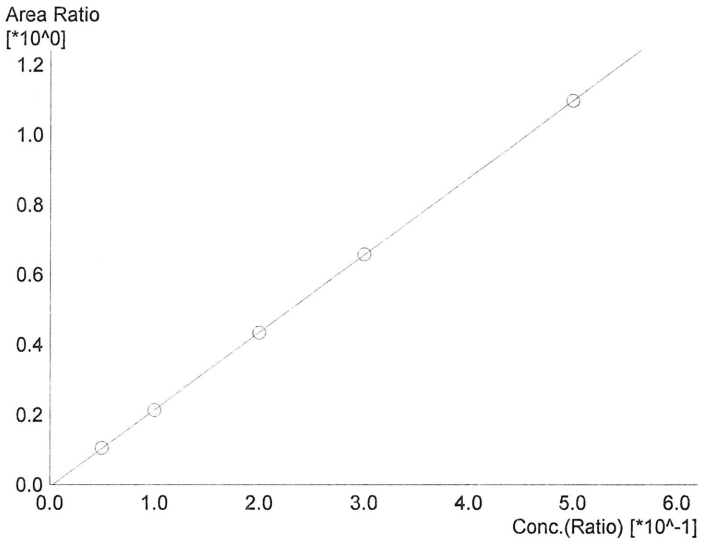
#	Conc.	Area	Std. Conc.

NB



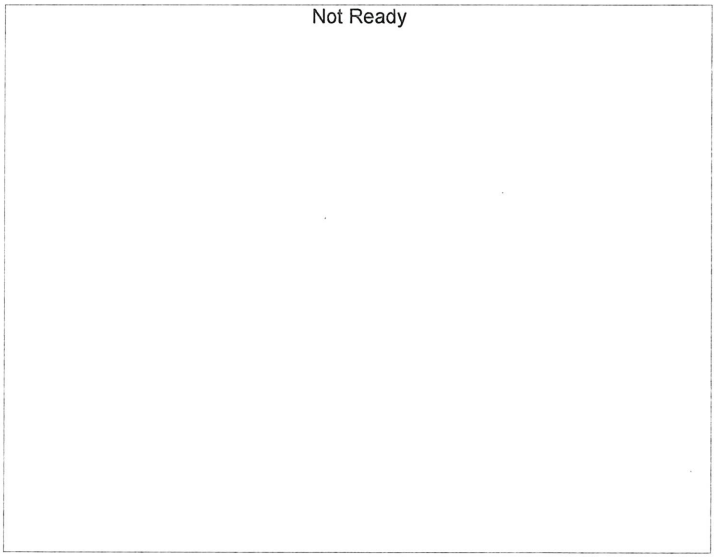
Name : Methanol
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



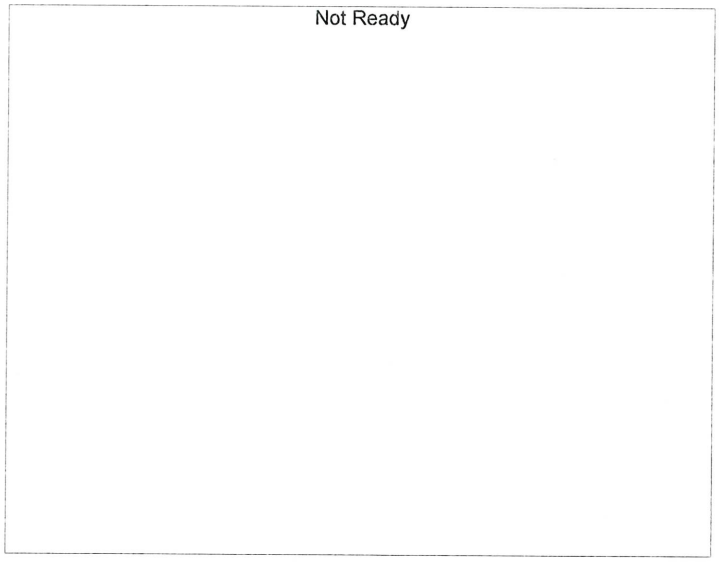
Name : Ethanol
Detector Name: FID2
Function : f(x)=2.20774*x-0.00705220
R^2 value= 0.9999865
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	17737	0.0507
2	0.100	35807	0.0995
3	0.200	72323	0.1991
4	0.300	110003	0.3004
5	0.500	191377	0.5000



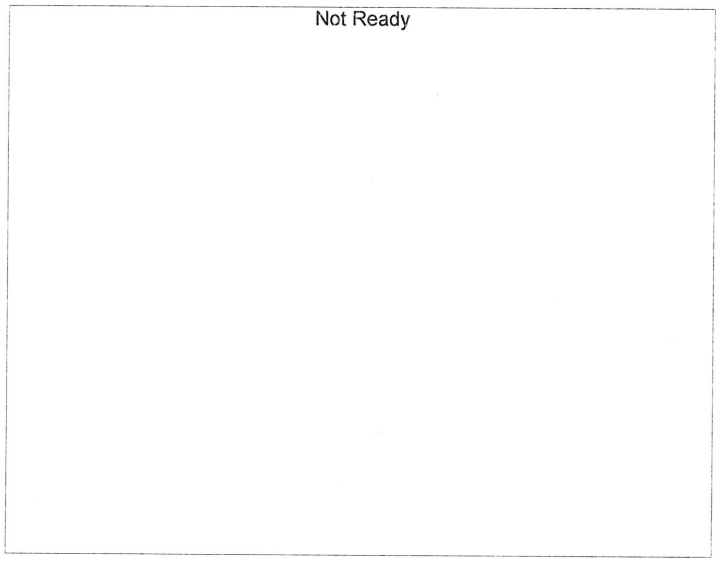
Name : Acetone
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



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

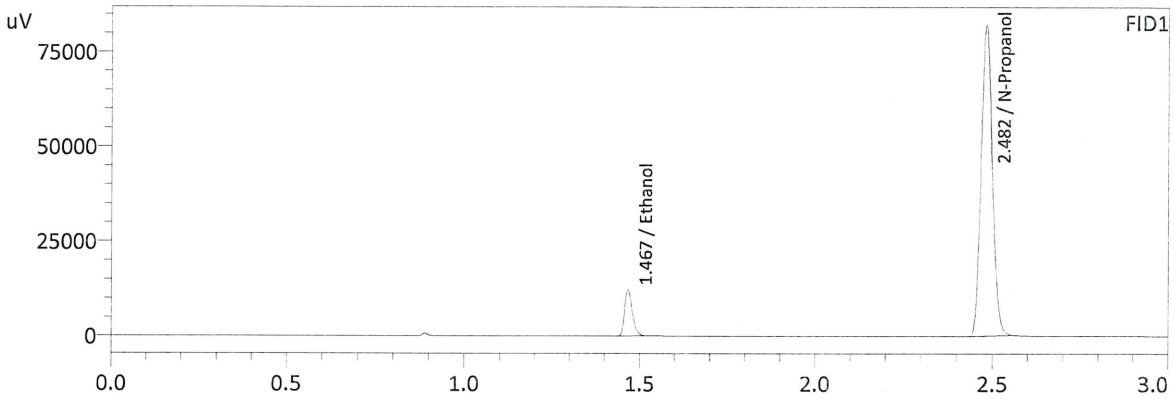
#	Conc.	Area	Std. Conc.

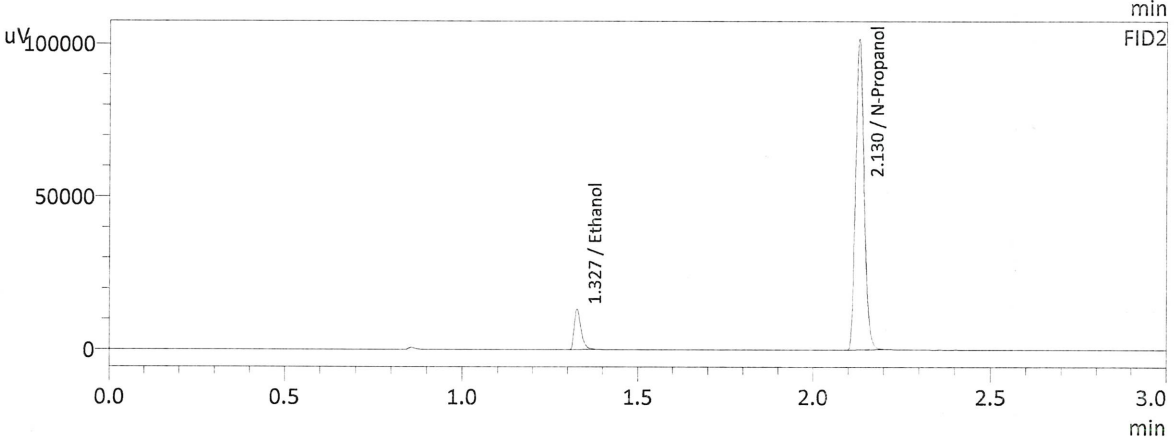


Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

Sample Name : 0.050
Laboratory : Meridian
Injection Date : 10/12/2021 11:30:58 AM
Vial # : 1
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

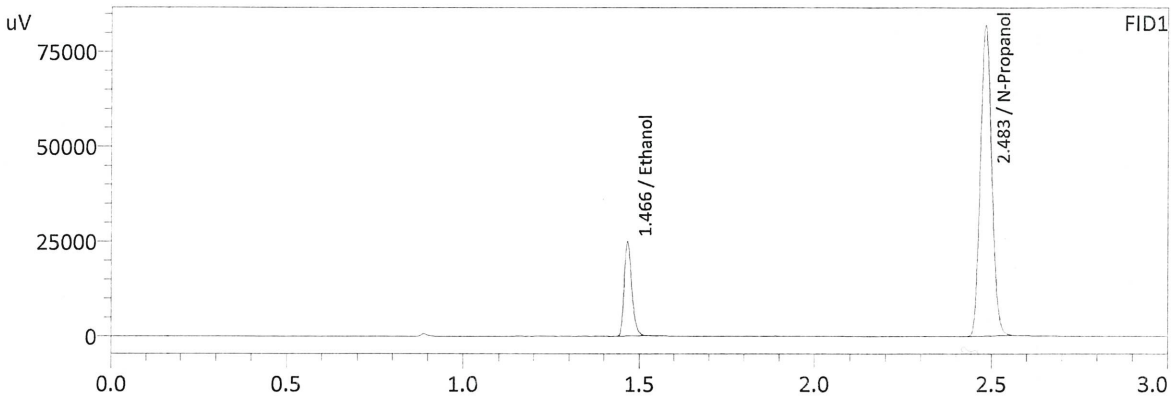
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0516	18690	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	180231	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

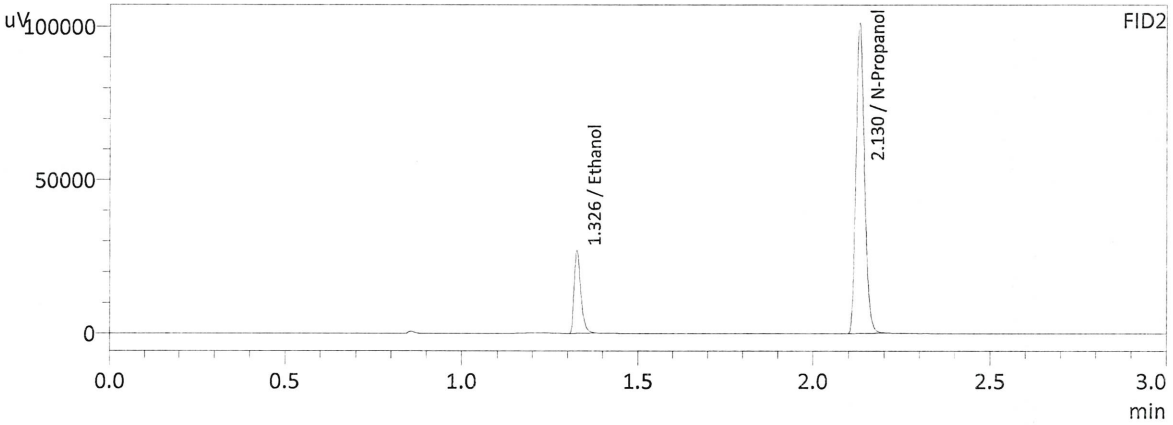
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0507	17737	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	168923	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.100
Laboratory : Meridian
Injection Date : 10/12/2021 11:38:18 AM
Vial # : 2
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





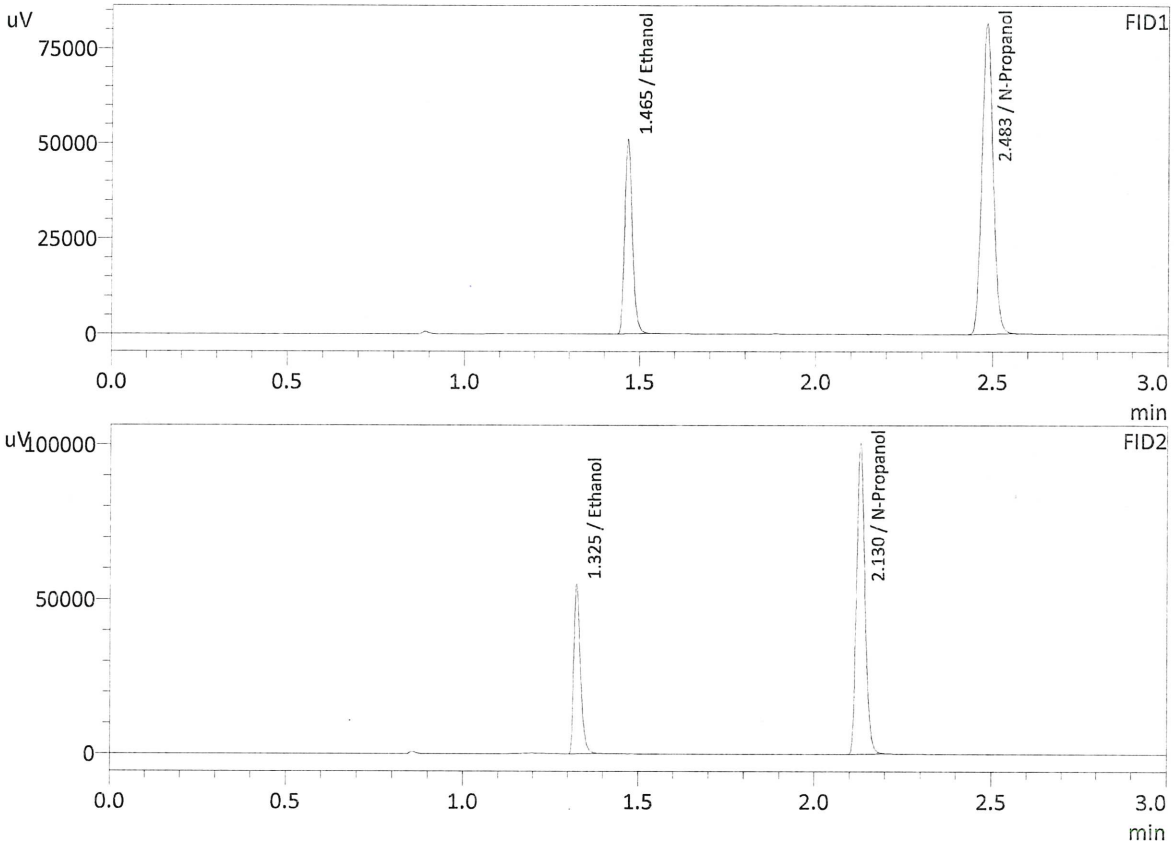
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0995	37917	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	179971	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0995	35807	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	168299	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.200
Laboratory : Meridian
Injection Date : 10/12/2021 11:45:38 AM
Vial # : 3
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



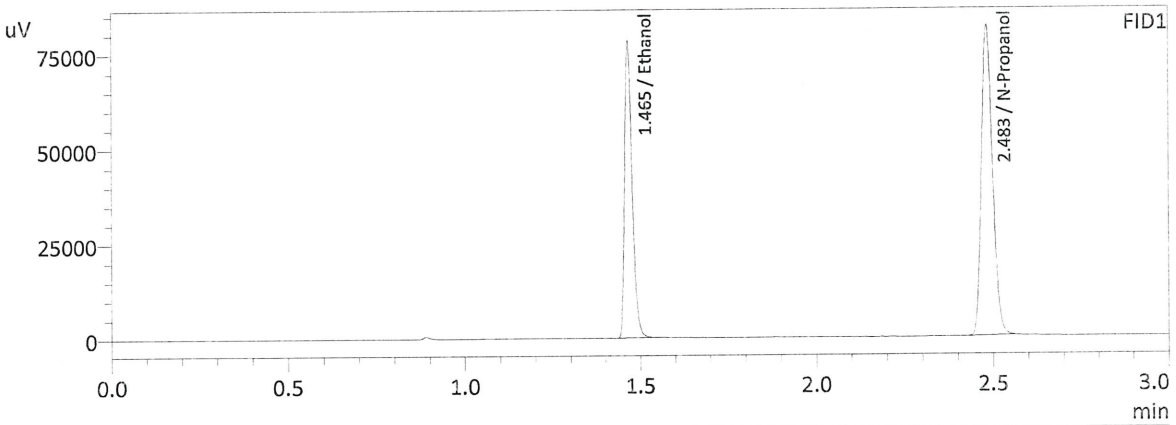
FID1

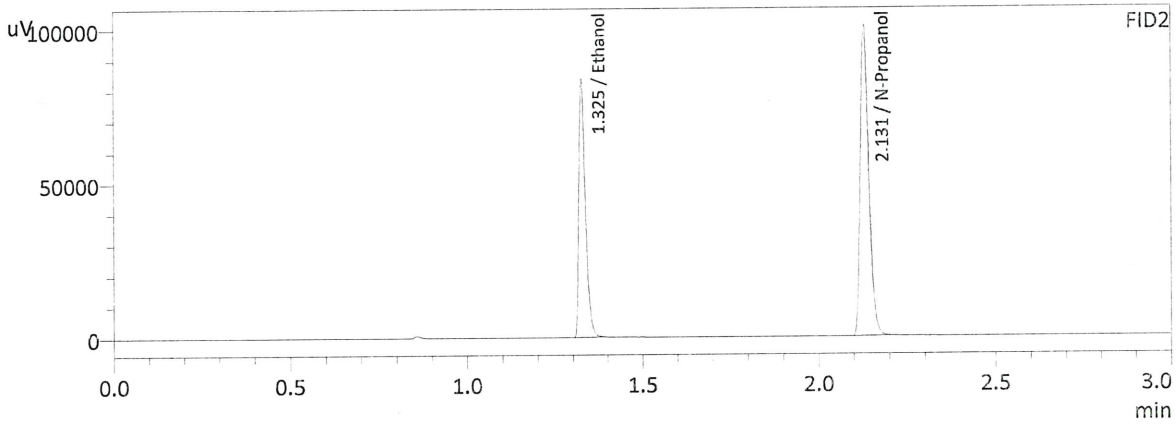
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1984	77320	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	179107	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1991	72323	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	167185	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.300
Laboratory : Meridian
Injection Date : 10/12/2021 11:54:39 AM
Vial # : 4
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

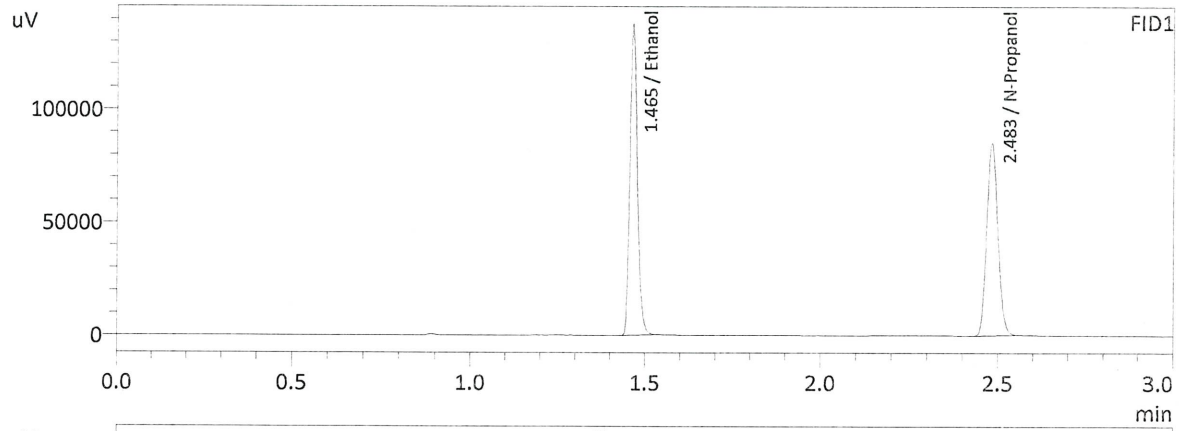
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2995	118228	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	179807	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

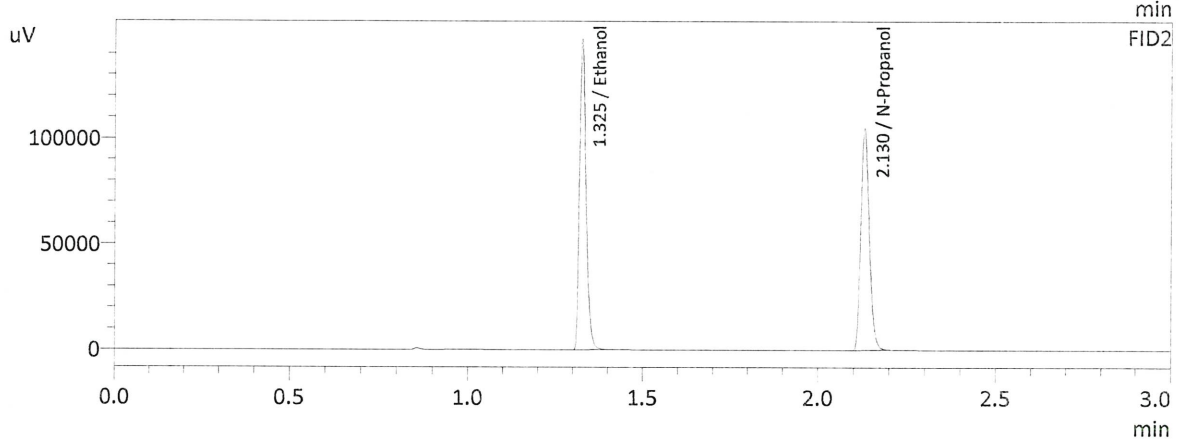
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3004	110003	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	167608	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.500
Laboratory : Meridian
Injection Date : 10/12/2021 12:02:12 PM
Vial # : 5
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

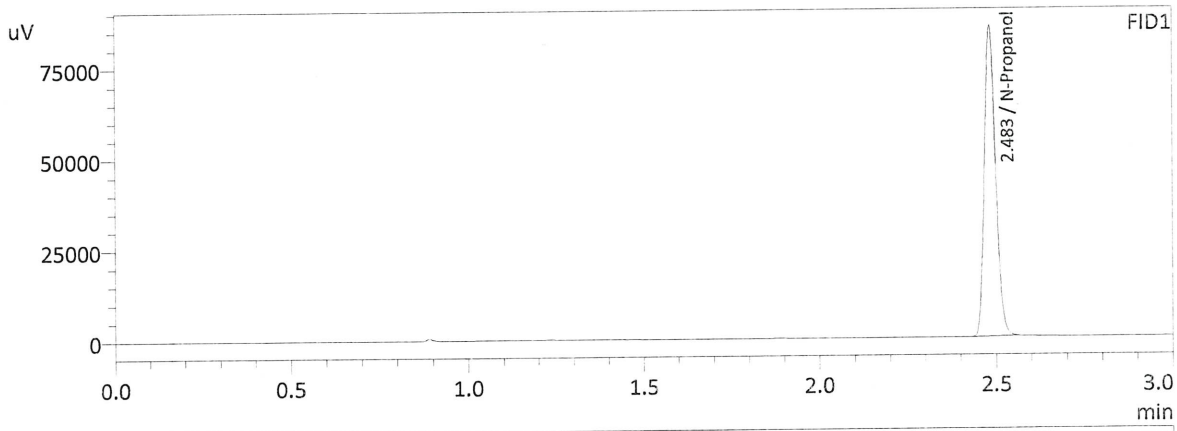
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5007	207663	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	187607	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

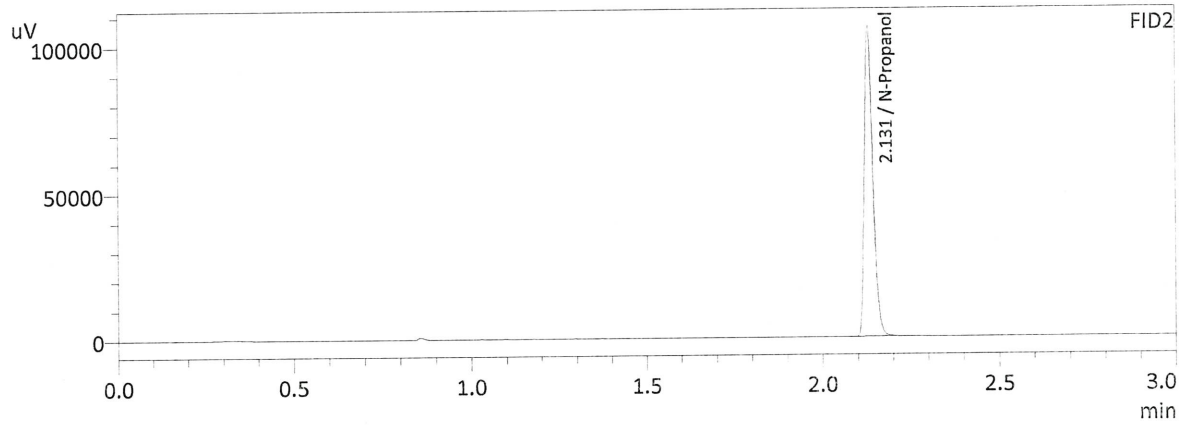
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5000	191377	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	174457	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLNK
Laboratory : Meridian
Injection Date : 10/12/2021 12:10:26 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

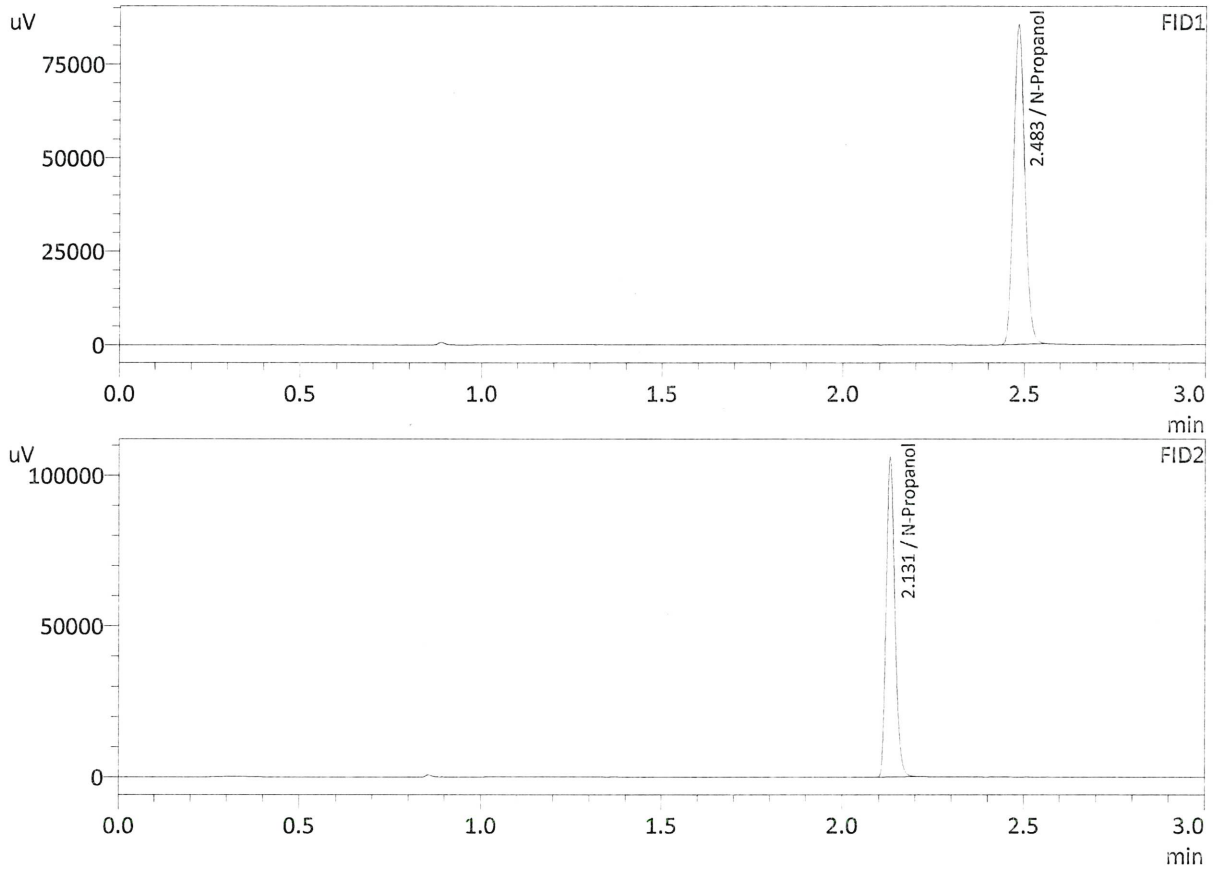
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	187462	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	176132	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLNK
Laboratory : Meridian
Injection Date : 10/12/2021 12:10:26 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\211012\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	187462	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	176132	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

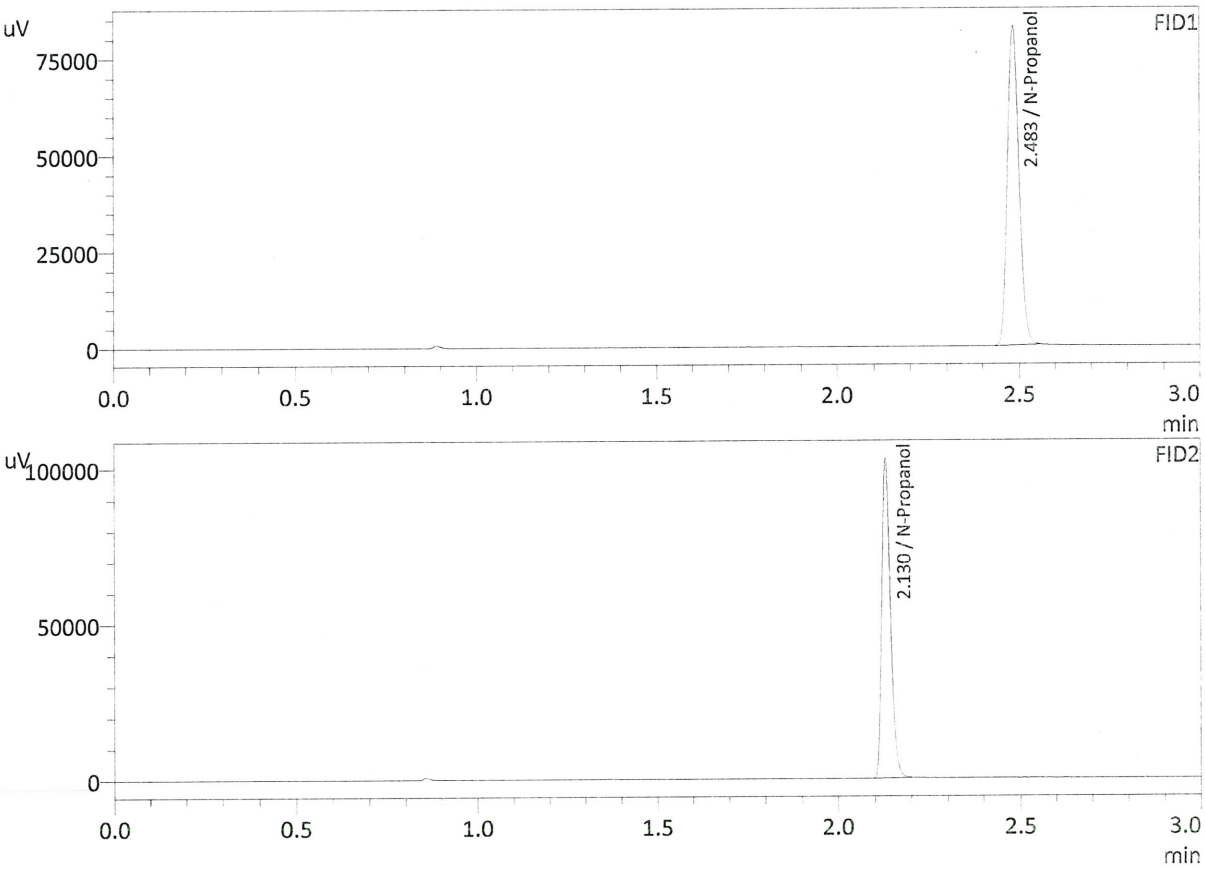
NB

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Software Ver. 5.99

Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL.GCM
2	0.100	1:Standard	2	ALCOHOL.GCM
3	0.200	1:Standard	3	ALCOHOL.GCM
4	0.300	1:Standard	4	ALCOHOL.GCM
5	0.500	1:Standard	5	ALCOHOL.GCM
6	INT STD BLNK	0:Unknown	0	ALCOHOL.GCM

Sample Name : INT STD BLK 1
Laboratory : Meridian
Injection Date : 10/12/2021 1:10:21 PM
Vial # : 1
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

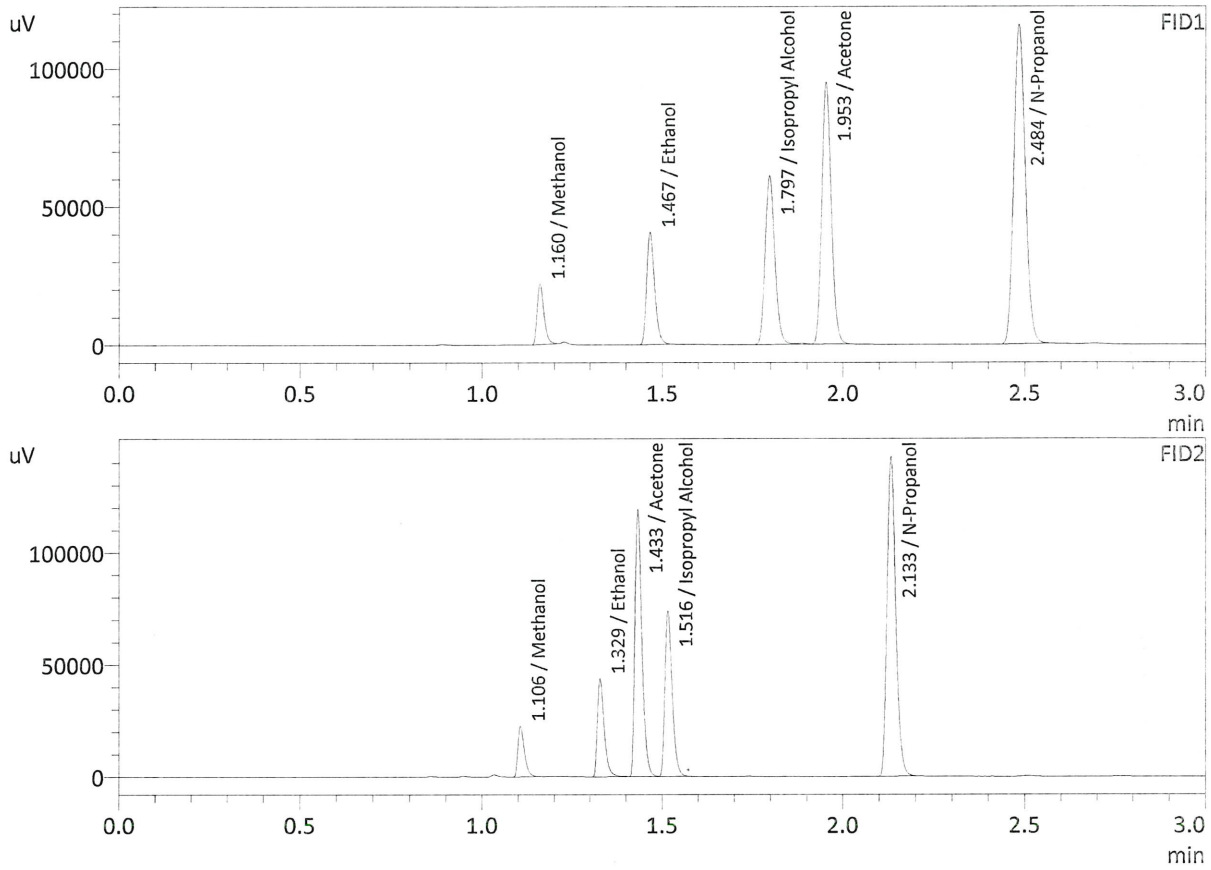
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181935	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	170972	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : MIXED VOLATILES FN 07101701
Laboratory : Meridian
Injection Date : 10/12/2021 1:17:41 PM
Vial # : 2
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	29298	g/100cc
Ethanol	0.1140	61879	g/100cc
Isopropyl Alcohol	0.0000	112577	g/100cc
Acetone	0.0000	175136	g/100cc
N-Propanol	0.0000	254455	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	28170	g/100cc
Ethanol	0.1158	58670	g/100cc
Acetone	0.0000	160053	g/100cc
Isopropyl Alcohol	0.0000	103645	g/100cc
N-Propanol	0.0000	235916	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 10/12/21**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0743	0.0741	0.0002	0.0742	0.0005	0.0744
(g/100cc)	0.0749	0.0746	0.0003	0.0747		

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

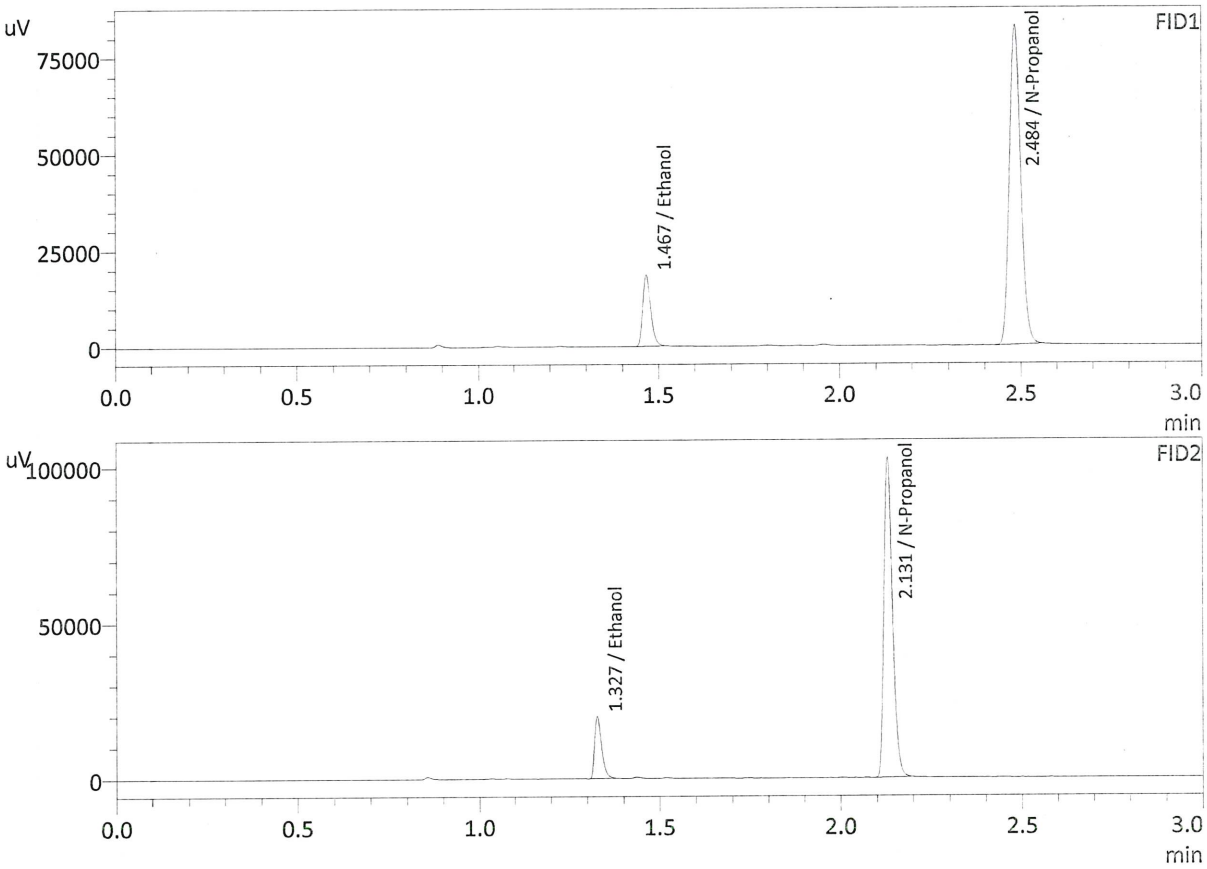
Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.074	**0.070**	**0.078**	**0.004**

	Reported Result	
	0.074	

Calibration and control data are stored centrally.

Sample Name : QC-1-1-A
Laboratory : Meridian
Injection Date : 10/12/2021 1:25:18 PM
Vial # : 3
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



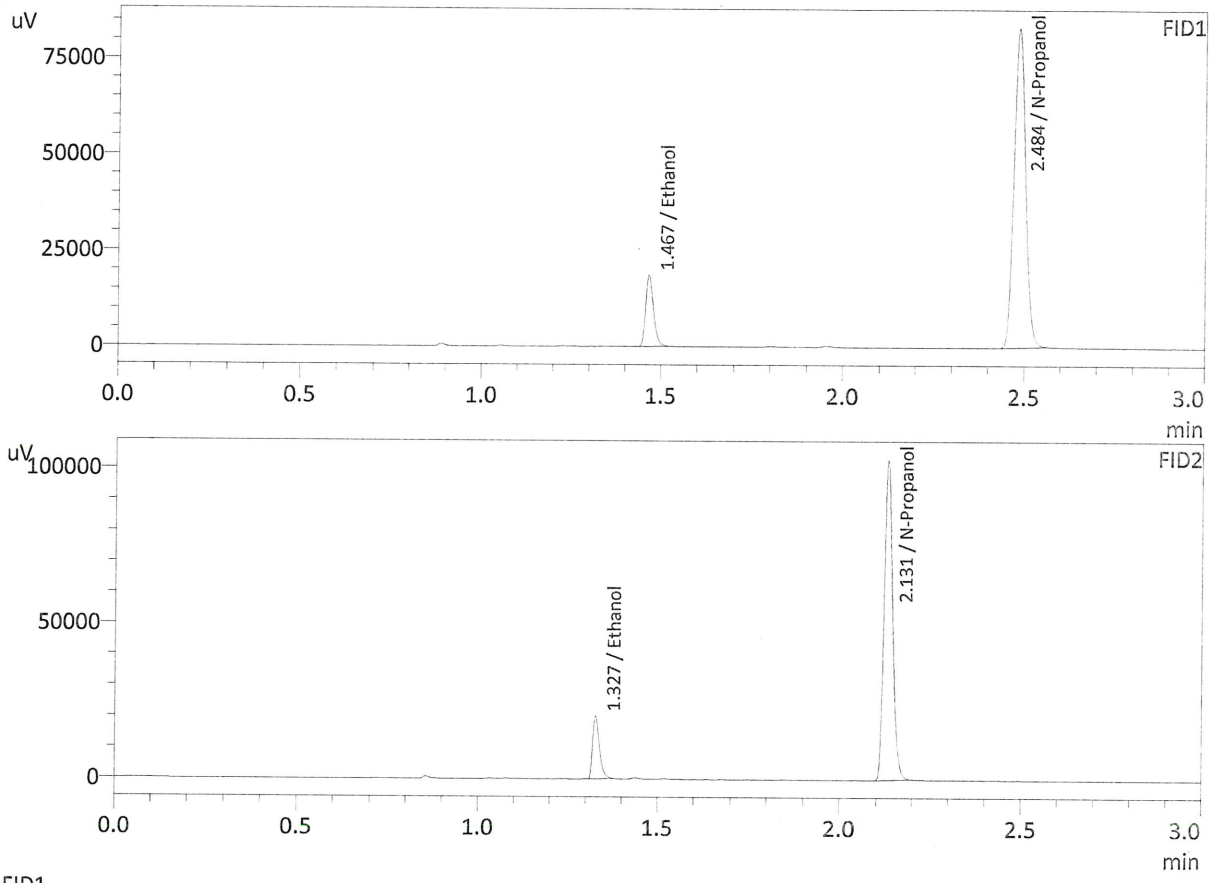
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0743	28130	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182114	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0741	26719	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	170597	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-1-1-B
Laboratory : Meridian
Injection Date : 10/12/2021 1:33:47 PM
Vial # : 4
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0749	28526	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	183086	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0746	27062	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	171484	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 10/12/21**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results (g/100cc)	0.0780	0.0781	0.0001	0.0780	0.0000	0.0780
	0.0781	0.0780	0.0001	0.0780		

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%**

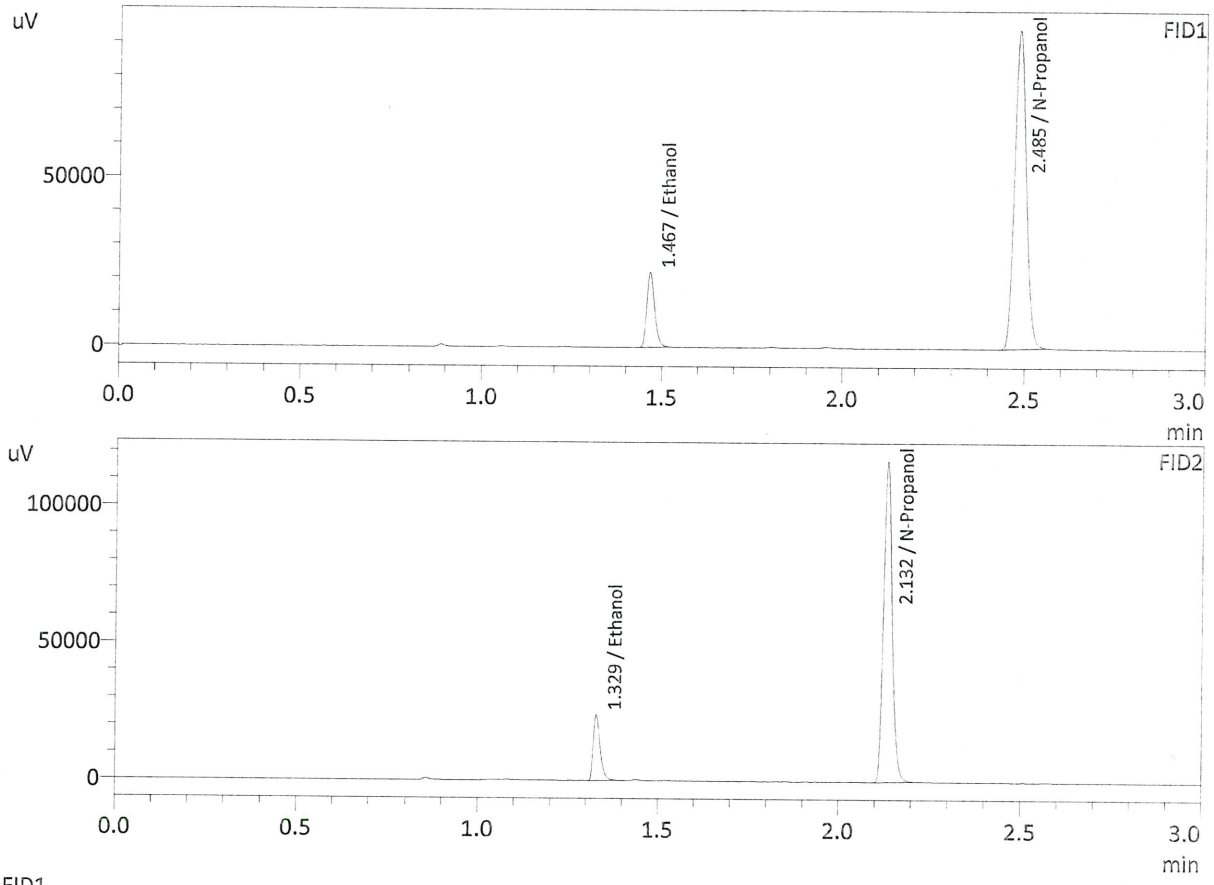
Overall Mean (g/100cc)	Low	High	5% of Mean
0.078	0.074	0.082	0.004

Reported Result
0.078

Calibration and control data are stored centrally.

NB

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : 10/12/2021 7:21:46 PM
Vial # : 47
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



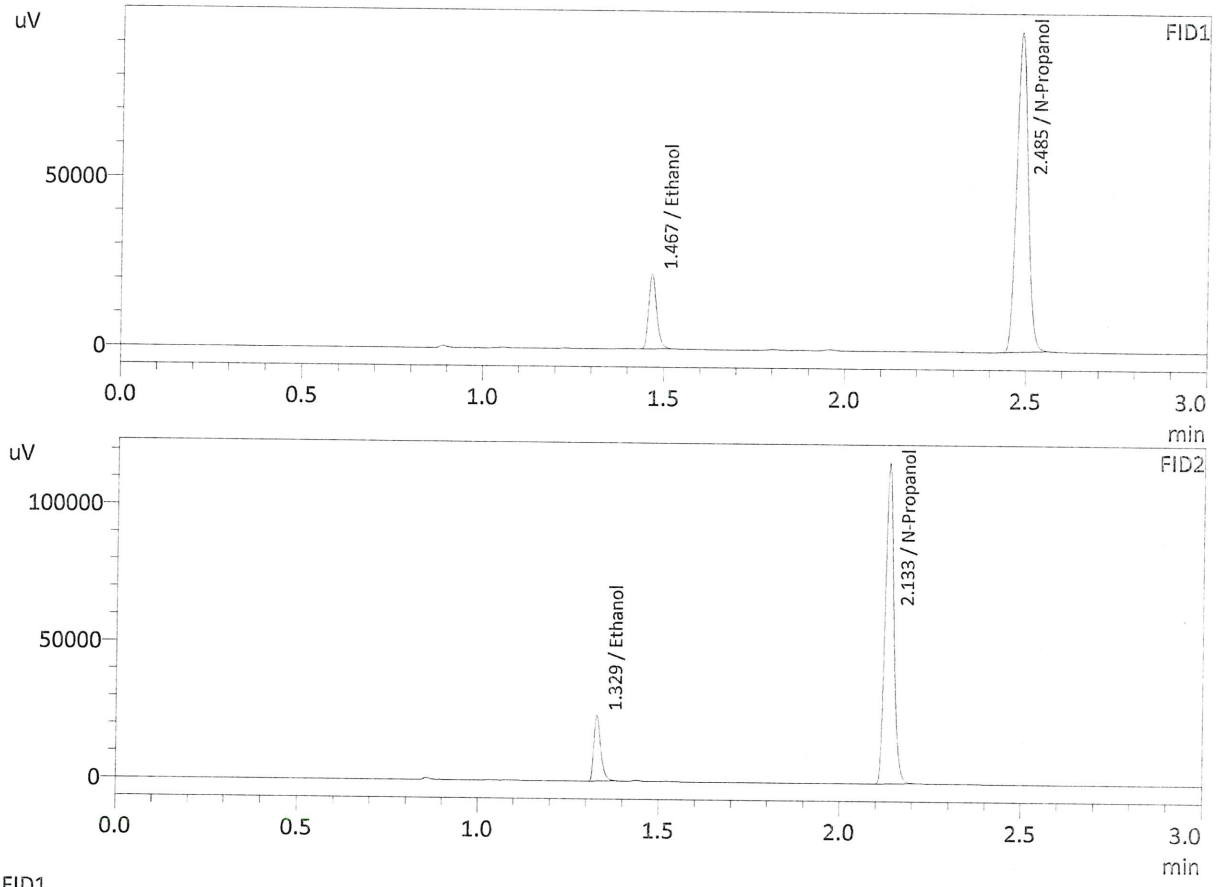
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0780	33875	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	208060	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0781	32134	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194285	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : 10/12/2021 7:31:43 PM
Vial # : 48
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0781	33864	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	207833	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0780	32086	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194208	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 10/12/21**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2115	0.2128	0.0013	0.2121	0.0012	0.2127
(g/100cc)	0.2126	0.2140	0.0014	0.2133		

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

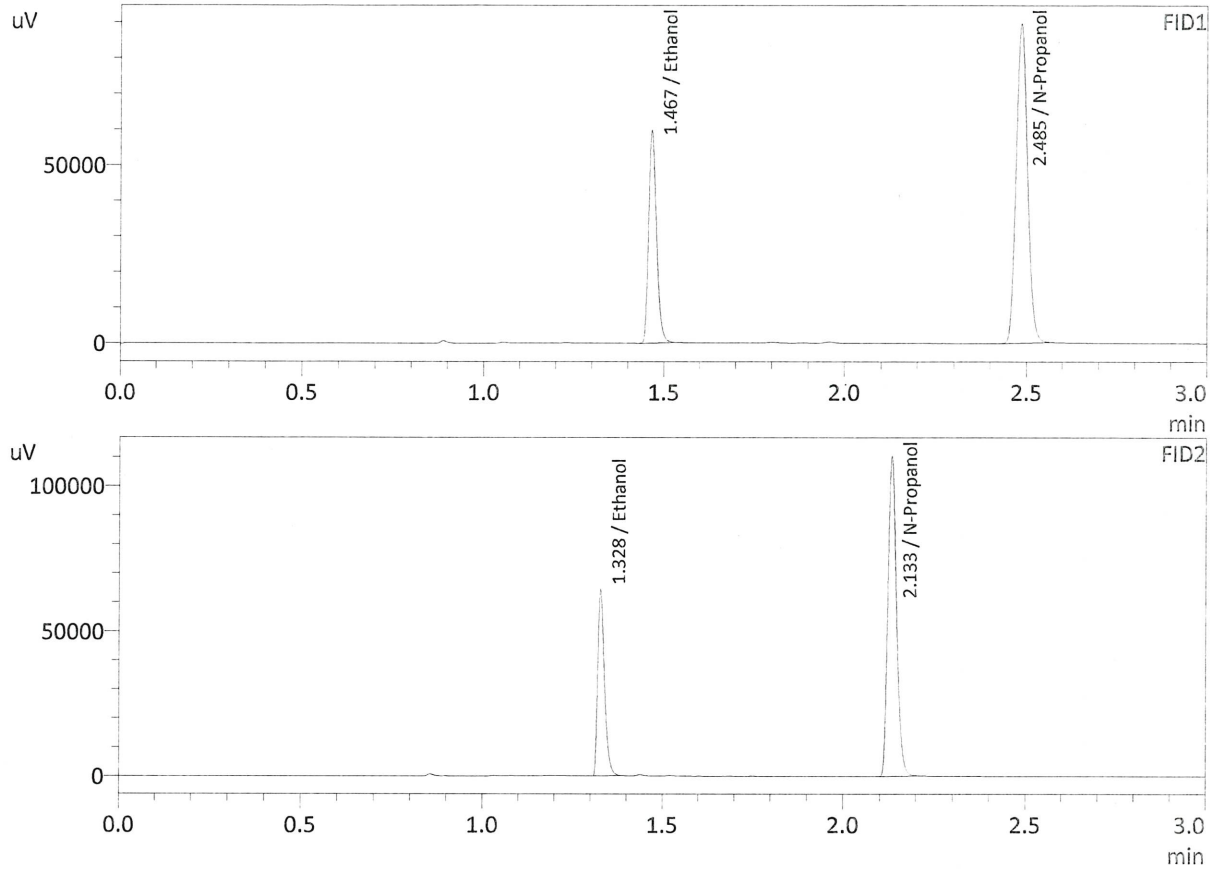
Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.212	0.201	0.223	0.011

	Reported Result	
	0.212	

Calibration and control data are stored centrally.

Sample Name : QC-2-1-A
Laboratory : Meridian
Injection Date : 10/12/2021 4:24:45 PM
Vial # : 25
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

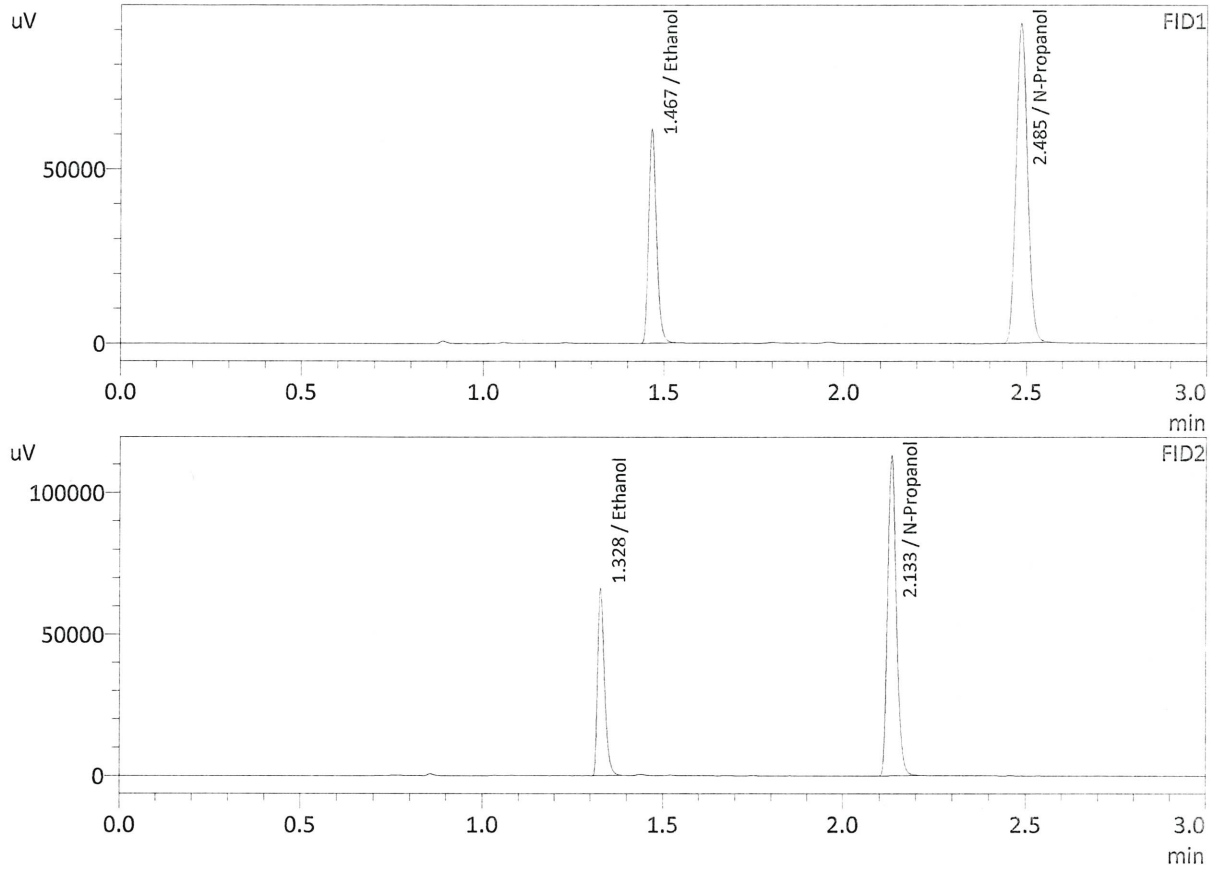
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2115	90752	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196869	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2128	85050	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	183755	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-1-B
Laboratory : Meridian
Injection Date : 10/12/2021 4:32:32 PM
Vial # : 26
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2126	93494	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	201798	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2140	87545	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	188089	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.080 **Analysis Date(s): 10/12/21**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0803	0.0802	0.0001	0.0802	0.0003	0.0804
(g/100cc)	0.0806	0.0805	0.0001	0.0805		

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%**

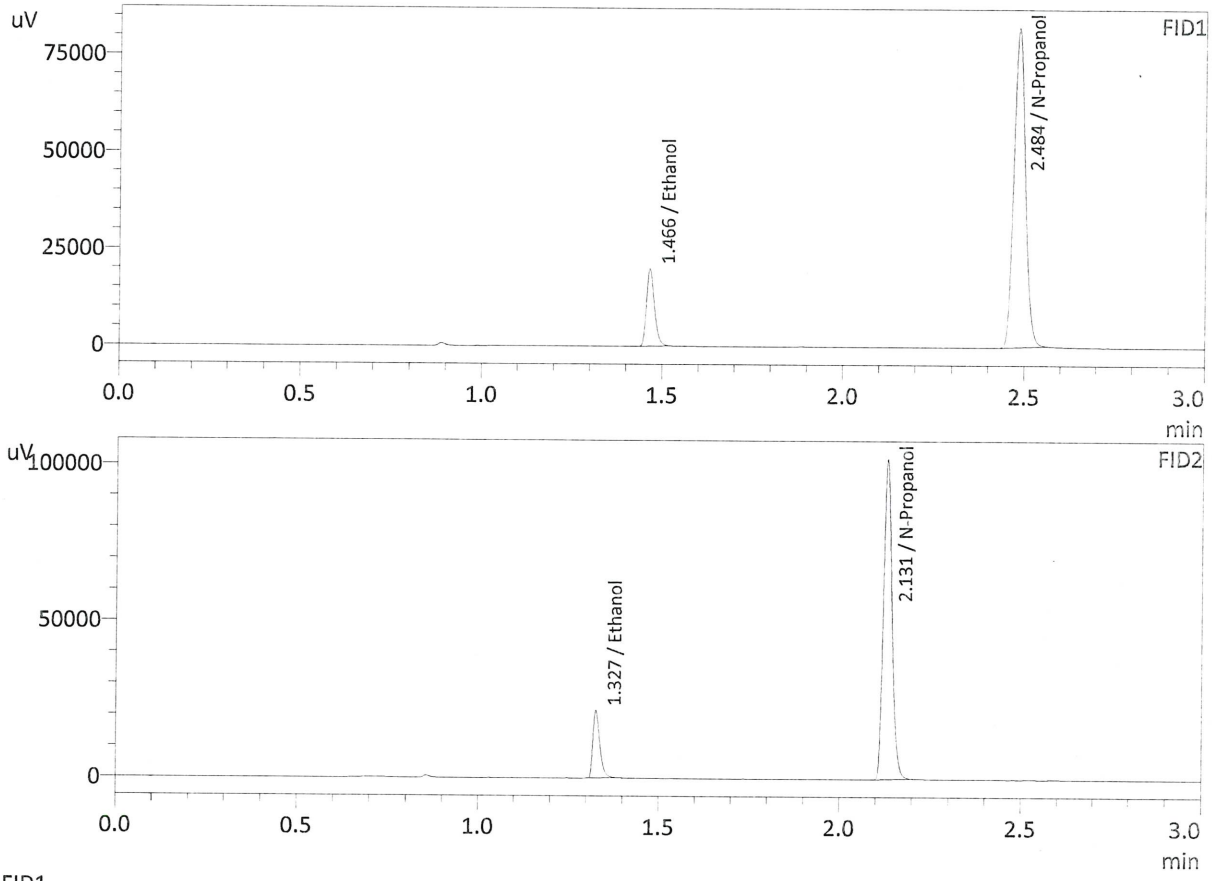
Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

	Reported Result	
	0.080	

Calibration and control data are stored centrally.

NB

Sample Name : 0.08 QA-A
Laboratory : Meridian
Injection Date : 10/12/2021 1:41:36 PM
Vial # : 5
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

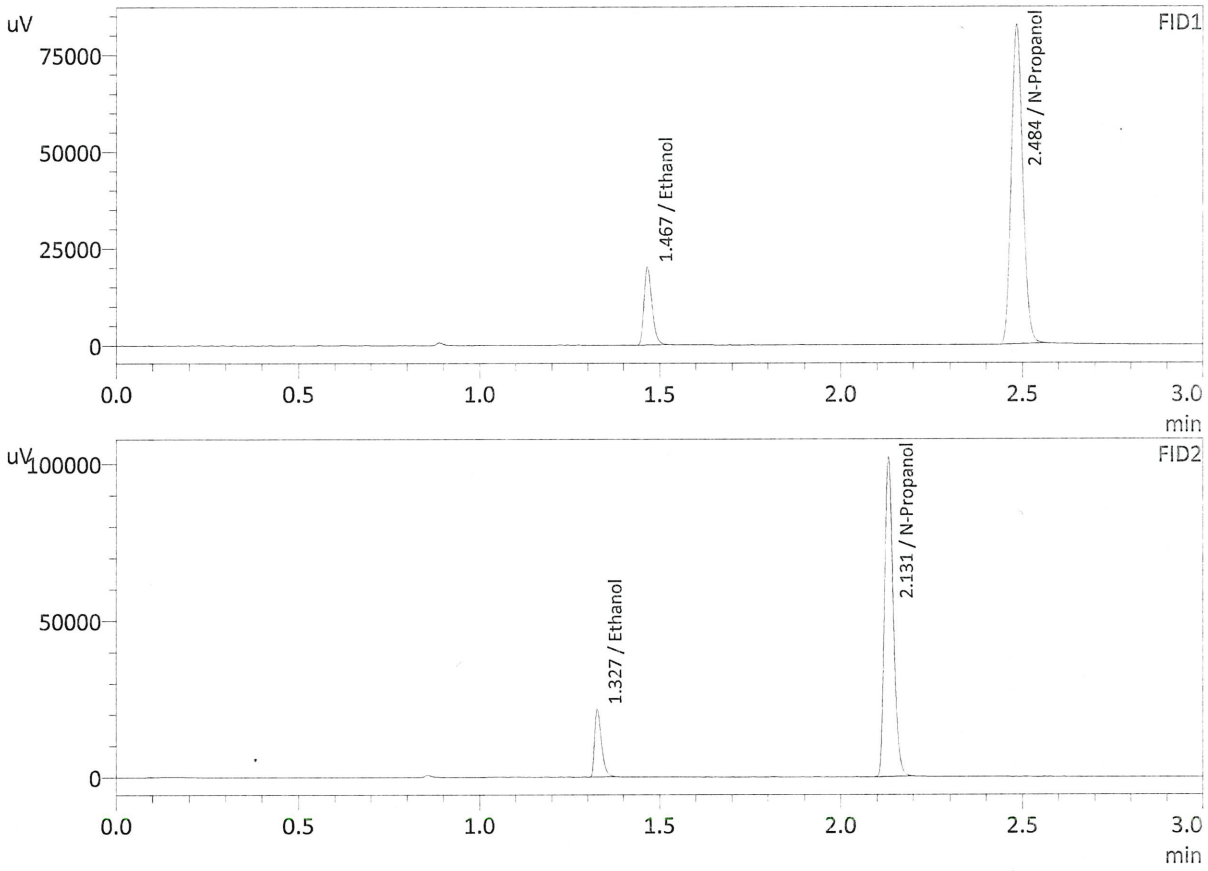
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0803	30447	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181285	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0802	28867	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	169644	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.08 QA-B
Laboratory : Meridian
Injection Date : 10/12/2021 1:50:00 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

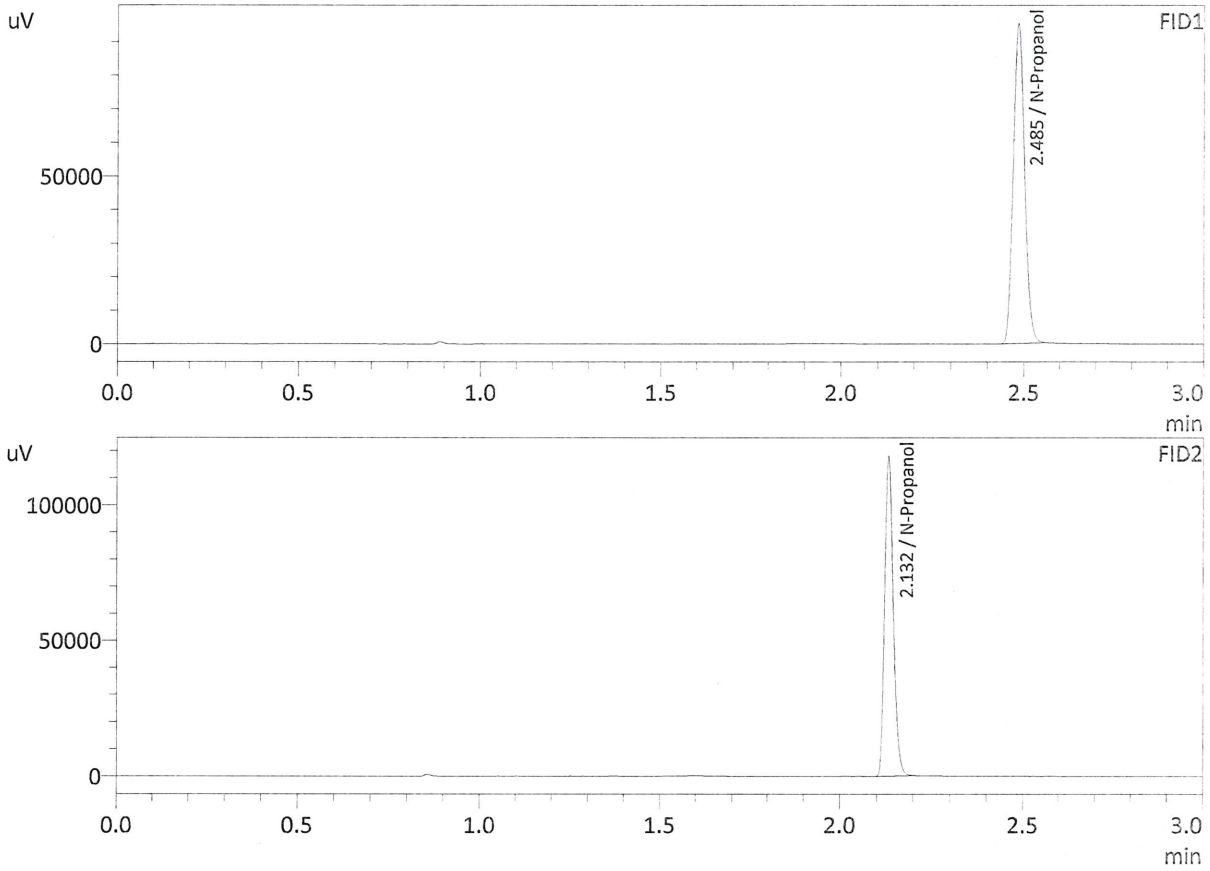
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0806	30542	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181132	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0805	28971	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	169604	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLNK
Laboratory : Meridian
Injection Date : 10/12/2021 7:38:40 PM
Vial # : 49
Method Filename : C:\LabSolutions\Data\211012\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	209104	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	195939	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Software Ver. 5.99

Vial#	Sample Name	Method File
1	INT STD BLK 1	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
2	ED VOLATILES FN 0710	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
3	QC-1-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
4	QC-1-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
5	0.08 QA-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
6	0.08 QA-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
7	M2021-4396-2-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
8	M2021-4396-2-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
9	M2021-4405-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
10	M2021-4405-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
11	M2021-4434-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
12	M2021-4434-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
13	M2021-4435-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
14	M2021-4435-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
15	M2021-4436-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
16	M2021-4436-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
17	M2021-4437-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
18	M2021-4437-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
19	M2021-4438-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
20	M2021-4438-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
21	M2021-4439-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
22	M2021-4439-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
23	M2021-4442-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
24	M2021-4442-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
25	QC-2-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
26	QC-2-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
27	M2021-4443-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
28	M2021-4443-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
29	M2021-4443-2-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
30	M2021-4443-2-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
31	M2021-4444-2-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
32	M2021-4444-2-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
33	M2021-4459-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
34	M2021-4459-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
35	M2021-4460-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
36	M2021-4460-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
37	M2021-4461-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
38	M2021-4461-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
39	M2021-4482-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
40	M2021-4482-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
41	M2021-4483-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
42	M2021-4483-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
43	M2021-4486-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
44	M2021-4486-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
45	M2021-4495-1-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
46	M2021-4495-1-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
47	QC1-2-A	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
48	QC1-2-B	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM
49	INT STD BLNK	C:\LabSolutions\Data\211012\CALIBRATION\ALCOHOL.GCM