REVIEWED
By Galina Giso at 12:38 pm, Aug 30, 2022

8/29/2022

Worklist: 6078

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2022-3300	1	BCK	Alcohol Analysis
M2022-3348	1	BCK	Alcohol Analysis
M2022-3366	1	BCK	Alcohol Analysis
M2022-3377	1	BCK	Alcohol Analysis
M2022-3378	1	BCK	Alcohol Analysis
M2022-3379	1	BCK	Alcohol Analysis
M2022-3397	1	BCK	Alcohol Analysis
M2022-3406	1	BCK	Alcohol Analysis
M2022-3407	1	BCK	Alcohol Analysis
M2022-3429	1	BCK	Alcohol Analysis
M2022-3442	1	BCK	Alcohol Analysis
M2022-3445	1	BCK	Alcohol Analysis
M2022-3457	1	BCK	Alcohol Analysis
M2022-3458	1	BCK	Alcohol Analysis
M2022-3483	1	BCK	Alcohol Analysis
M2022-3493	1	BCK	Alcohol Analysis
M2022-3517	2	BCK	Alcohol Analysis
M2022-3521	1	BCK	Alcohol Analysis
M2022-3535	1	BCK	Alcohol Analysis
M2022-3536	1	BCK	Alcohol Analysis

NB

NB

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: L600HC11378

Volatiles Quality Assurance Controls **Run Date(s): 8/29/22**

Calibration Date: *(if different)*

Worklist #: 6078

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0736 g/100cc
					0.0776 g/100cc
					g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2103 g/100cc
					0.2133 g/100cc
					g/100cc

Multi-Component mixture:	Exp:	Oct. 2024	Lot #	FN06041902	
Curve Fit:		**Column 1**	0.99974	**Column2**	0.99974

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0512	0.0511	0.0001	0.0511
100	0.100	0.090 - 0.110	0.1013	0.1013	0	0.1013
200	0.200	0.180 - 0.220	0.1995	0.1996	1E-04	0.1995
300	0.300	0.270 - 0.330	0.2952	0.2952	0	0.2952
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5026	0.5026	0	0.5026

Aqueous Controls

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

MB

Internal Standard Monitoring Worksheet

Worklist #: **6078** **Run Date(s):** **8/29/22**

Internal Standard Solution:	Prep Date: 5/13/2022	Exp Date: 11/13/2022

Sample Name	Column 1 Value	Column 2 Value
0.080	212612	231610
0.080	195682	213297
QC1	201881	219772
QC1	200579	218389
QC1	249737	272773
QC1	244465	267060
QC1		
QC1		
QC2	225176	245230
QC2	225341	245439
QC2	249860	272949
QC2	256502	280238
QC2		
QC2		

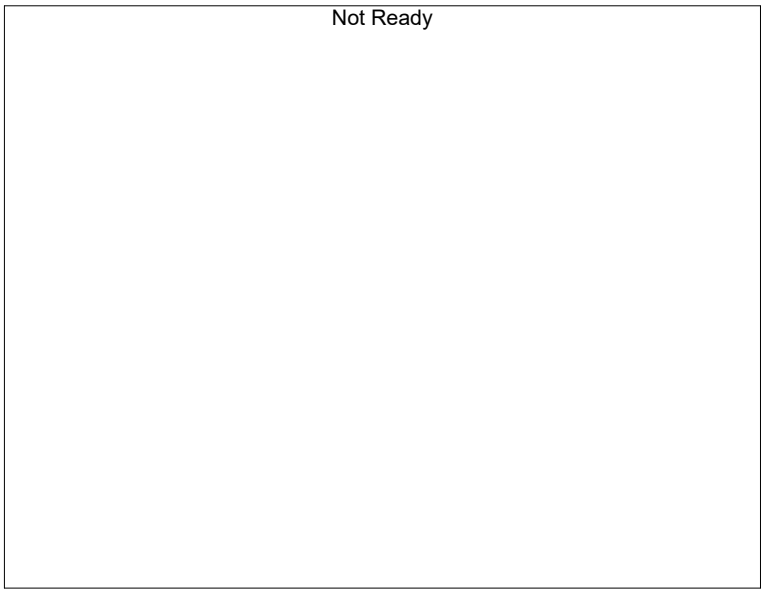
	Average	(-)20%	(+)20%
Column 1	226183.5	180946.8	271420.2
Column 2	246675.7	197340.6	296010.8

Calibration Table

NB

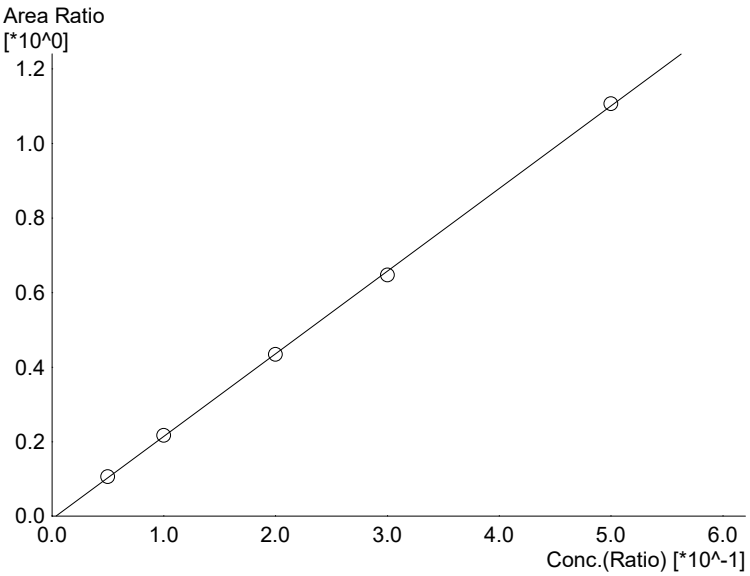
Laboratory : MERIDIAN
Instrument Name : GC-HS
Instrument Serial # : C12595800409 / C12255750548

<<Method File>>
Method File :C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Date Created :3/31/2021 4:25:07 PM
Date Modified :8/29/2022 3:38:44 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)=2.21742*x-0.00796307
R^2 value= 0.9997388
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	21020	0.0512
2	0.100	44726	0.1013
3	0.200	86165	0.1995
4	0.300	125667	0.2952
5	0.500	228734	0.5026

NB

Not Ready

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.

Not Ready

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

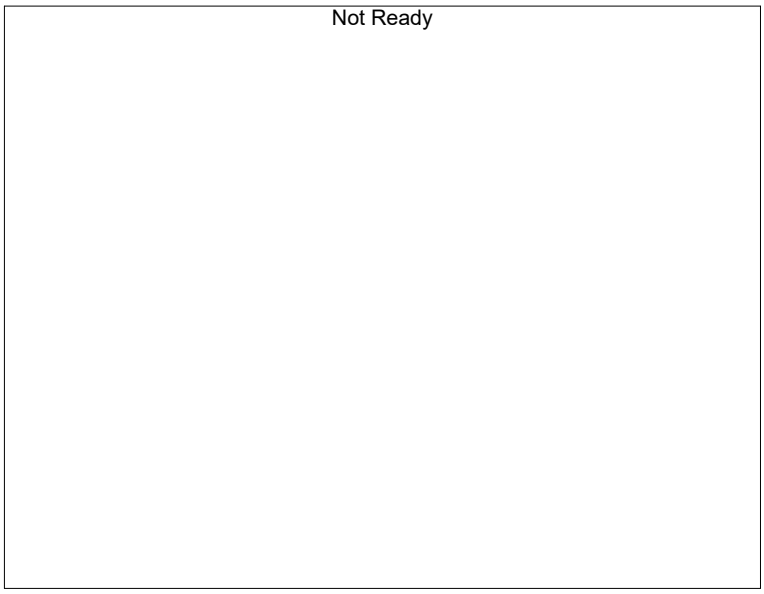
#	Conc.	Area	Std. Conc.

Not Ready

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

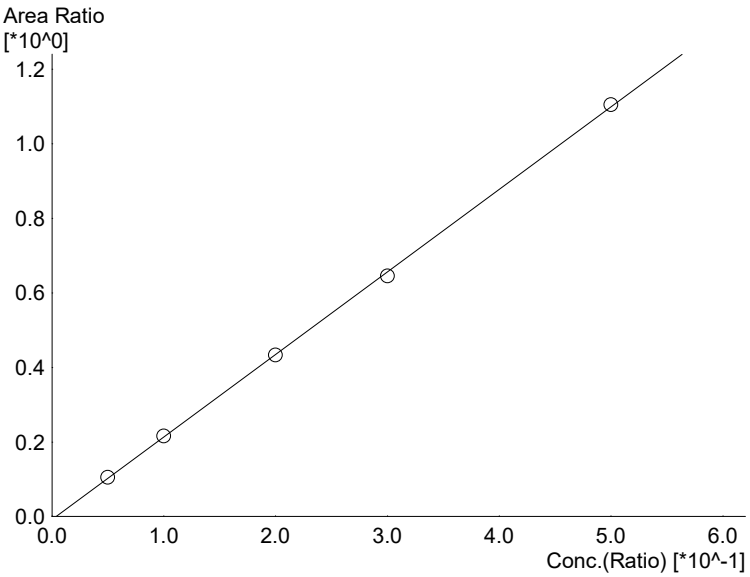
#	Conc.	Area	Std. Conc.

NB



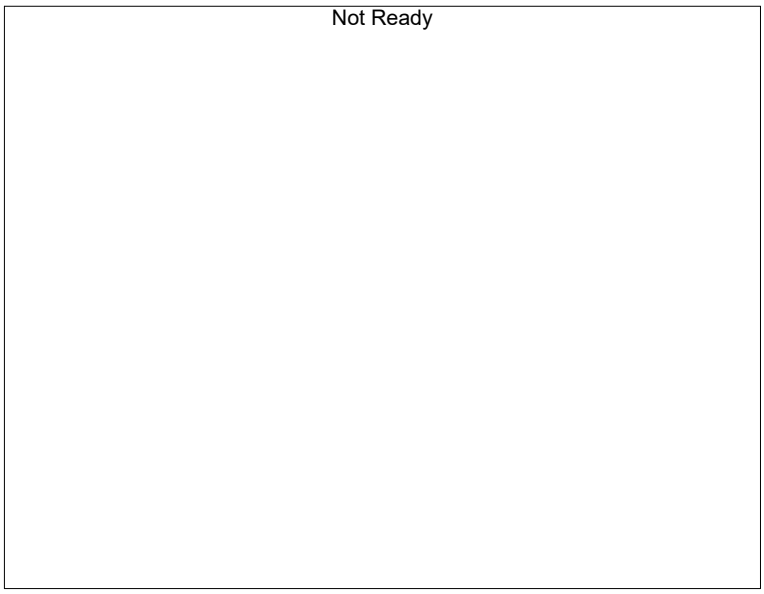
Name : Methanol
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



Name : Ethanol
Detector Name: FID2
Function : f(x)=2.21445*x-0.00852128
R^2 value= 0.9997438
FitType: Linear
ZeroThrough: Not Through

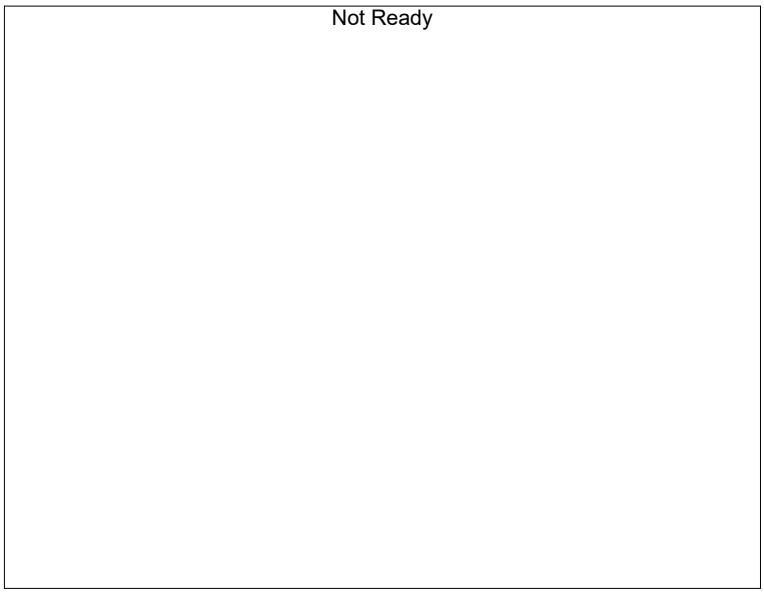
#	Conc.	Area	Std. Conc.
1	0.050	22721	0.0511
2	0.100	48489	0.1013
3	0.200	93606	0.1996
4	0.300	136406	0.2952
5	0.500	248209	0.5026



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

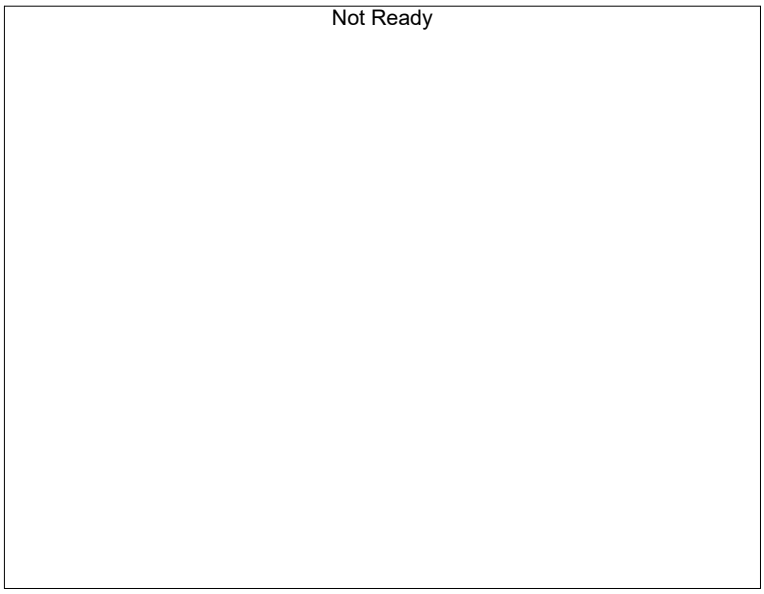
#	Conc.	Area	Std. Conc.

NB



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.

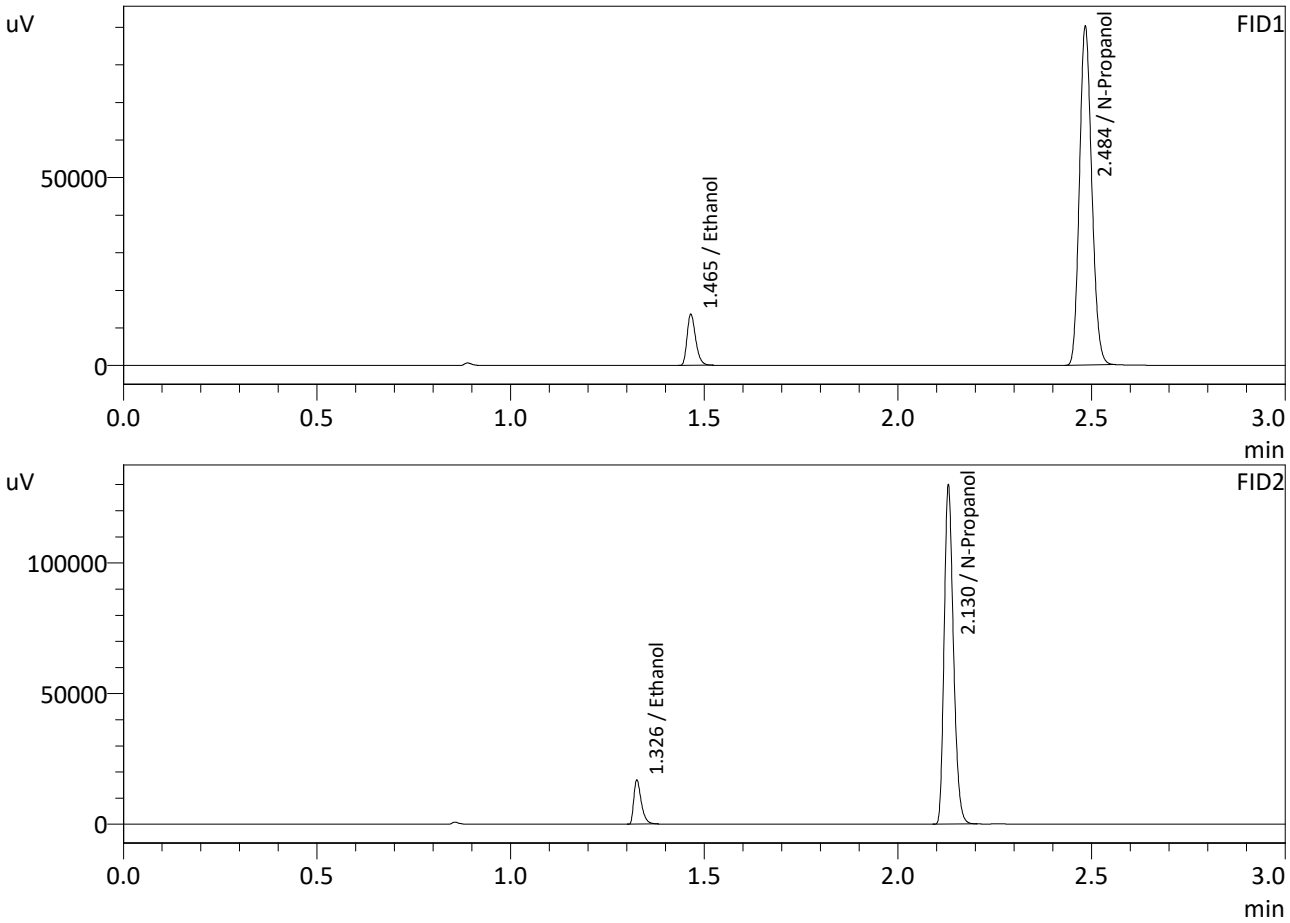


Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

NB

Sample Name	: 0.050
Laboratory	: Meridian
Injection Date	: 8/29/2022 2:36:25 PM
Vial #	: 1
Method Filename	: C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS	: C12255750548 / C12595800409



FID1

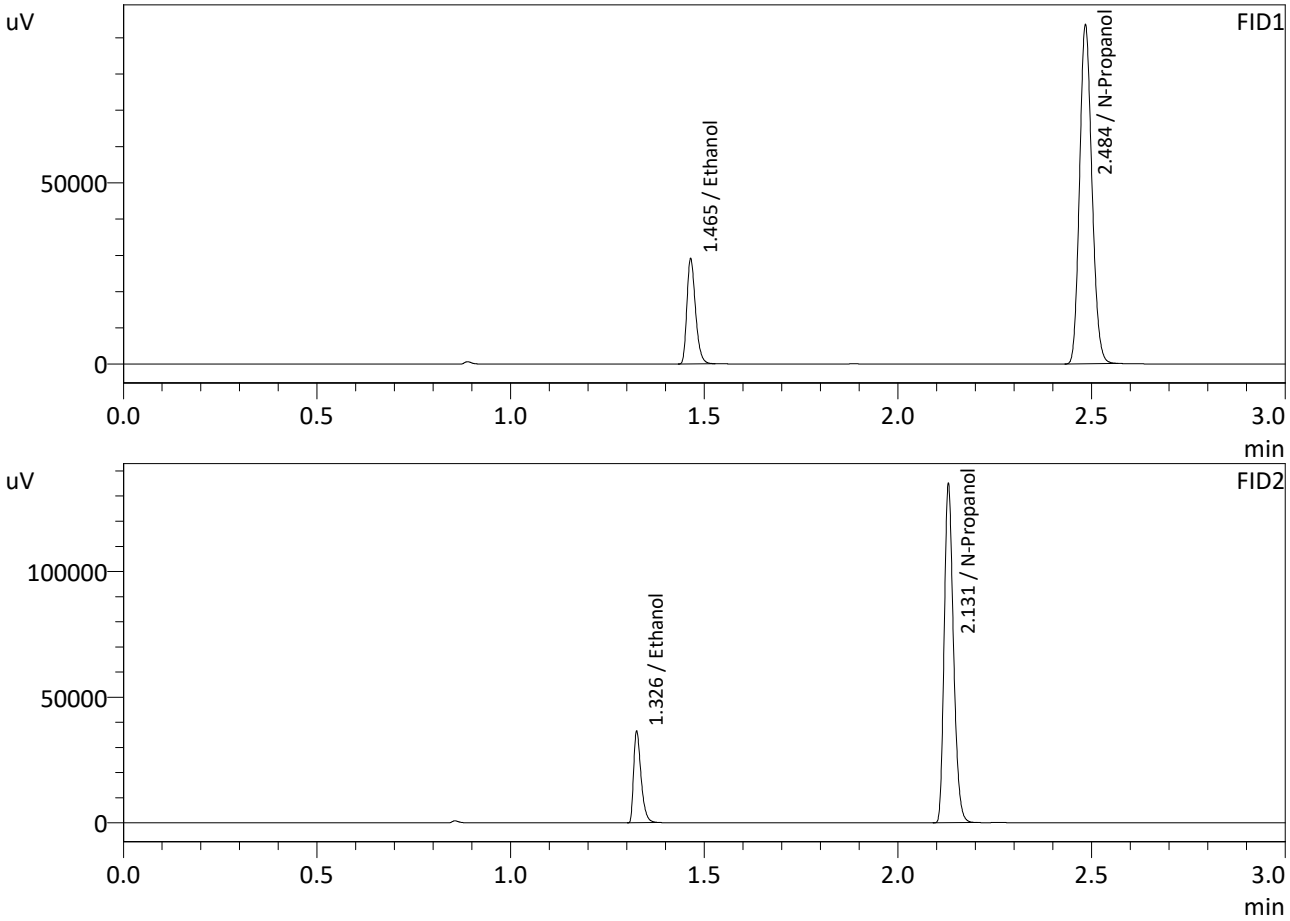
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0512	21020	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	198876	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0511	22721	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	216729	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.100
Laboratory : Meridian
Injection Date : 8/29/2022 2:43:47 PM
Vial # : 2
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

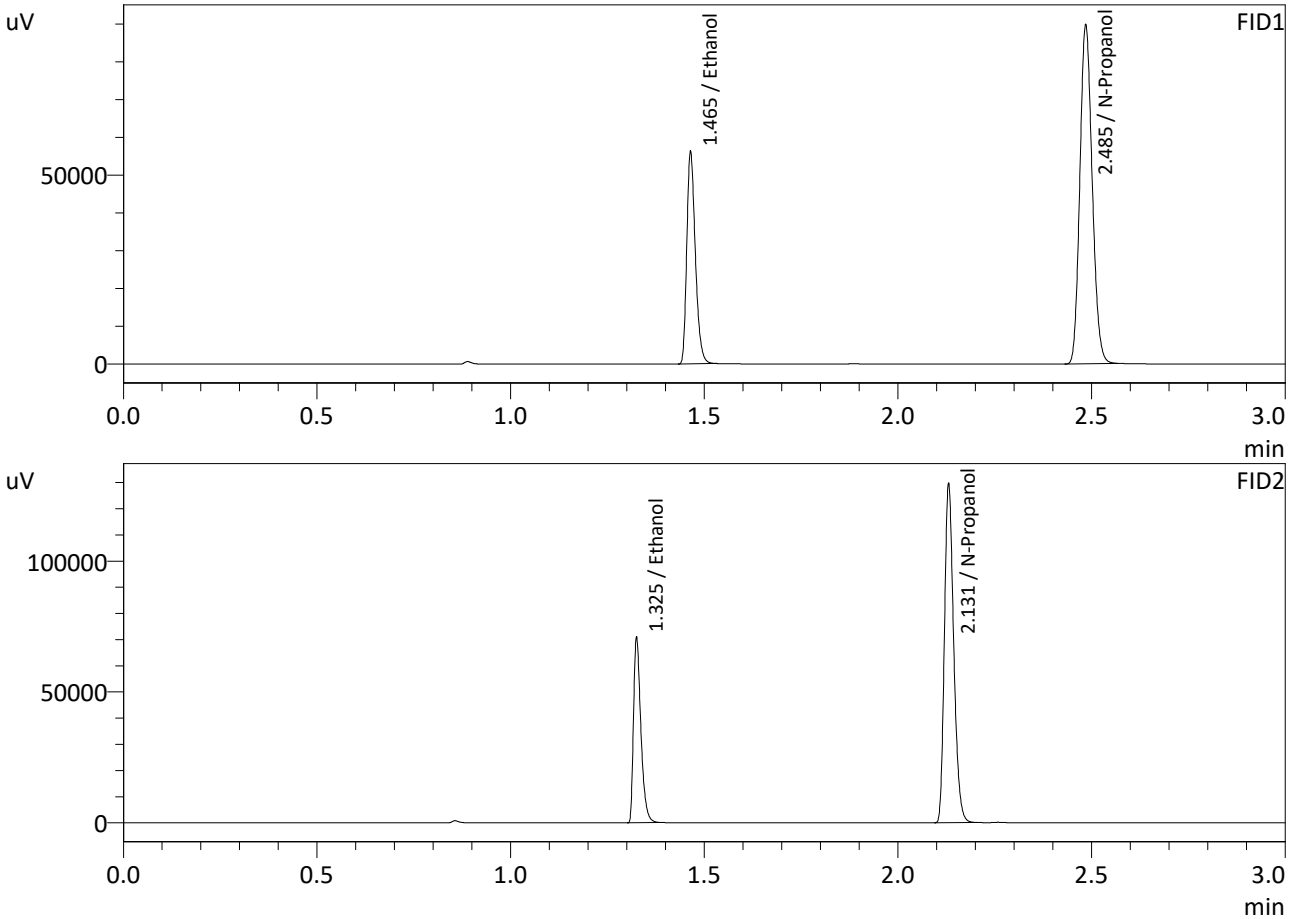
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1013	44726	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	206367	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1013	48489	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	224657	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.200
Laboratory : Meridian
Injection Date : 8/29/2022 2:51:26 PM
Vial # : 3
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

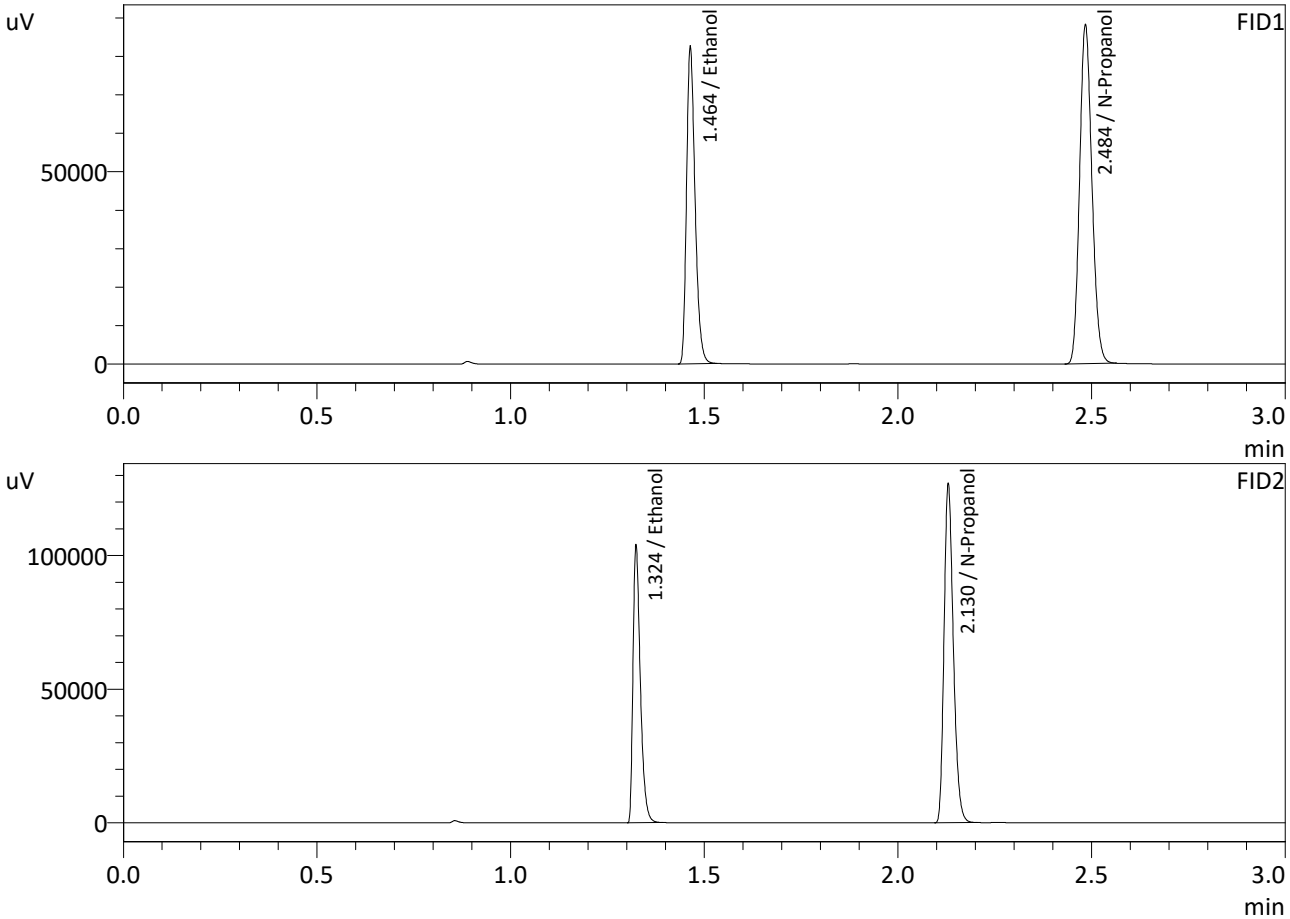
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1995	86165	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	198329	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1996	93606	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	215900	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.300
Laboratory : Meridian
Injection Date : 8/29/2022 3:00:05 PM
Vial # : 4
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

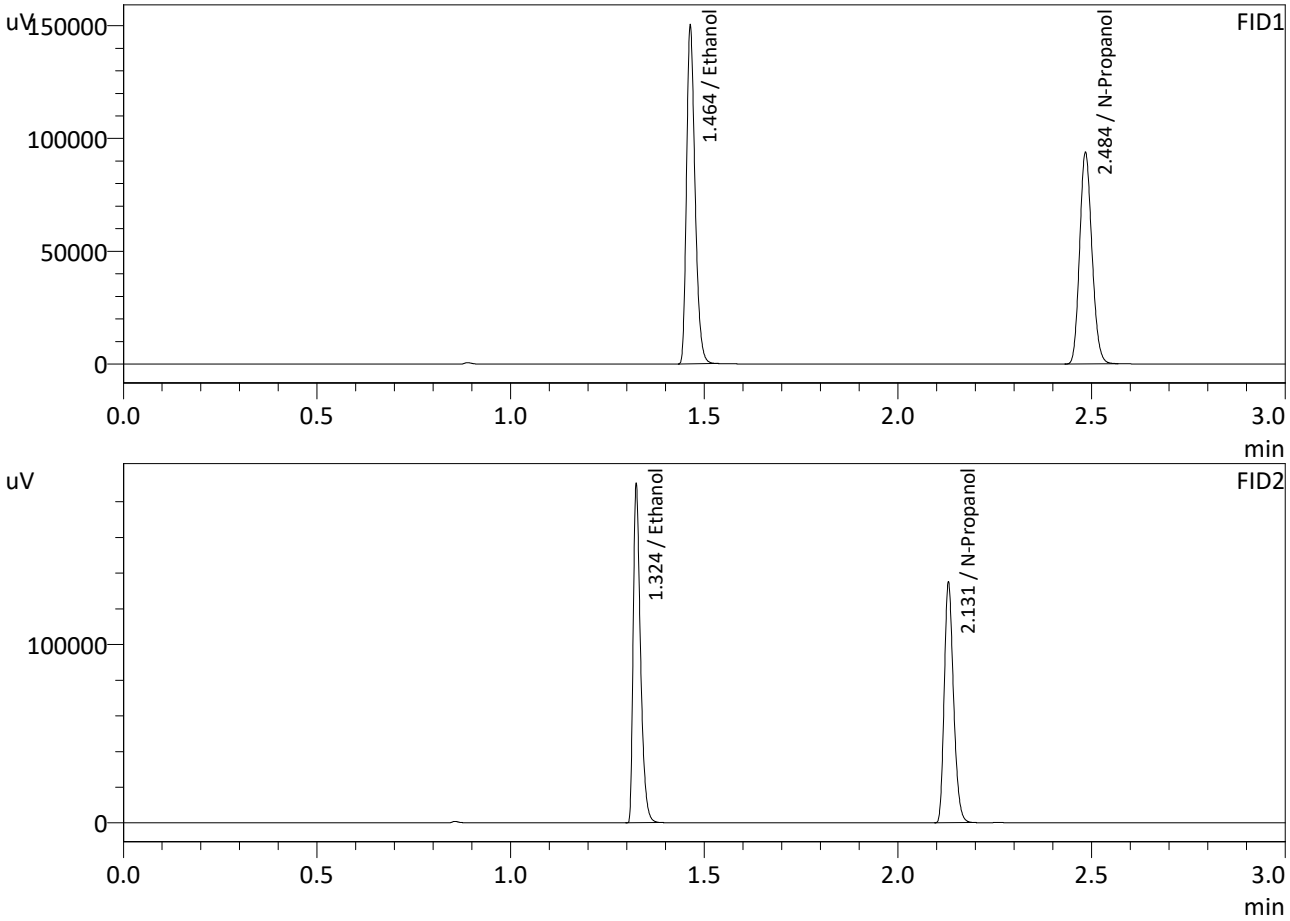
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2952	125667	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	194326	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2952	136406	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	211393	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.500
Laboratory : Meridian
Injection Date : 8/29/2022 3:07:46 PM
Vial # : 5
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

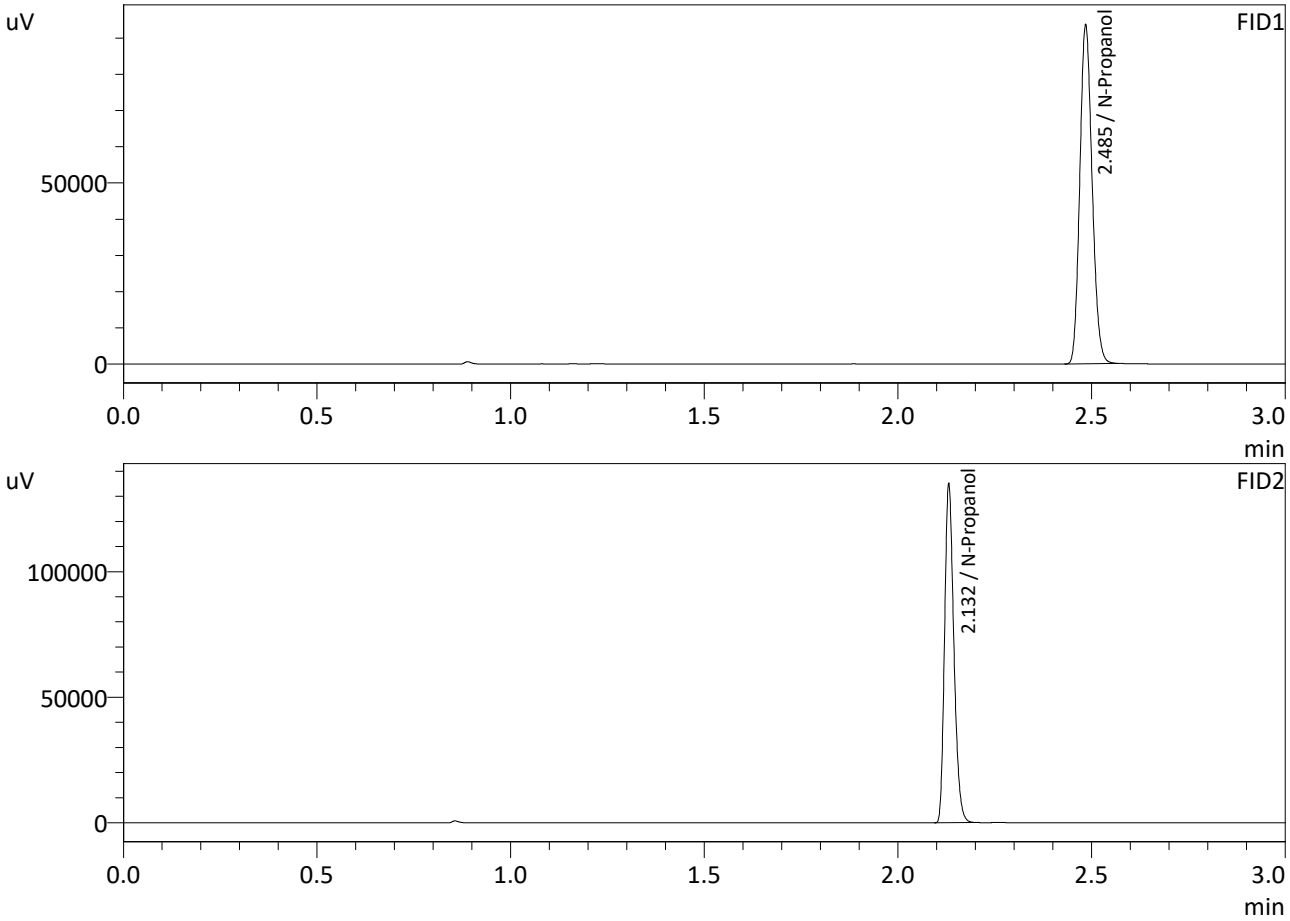
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5026	228734	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	206690	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5026	248209	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	224725	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLK
Laboratory : Meridian
Injection Date : 8/29/2022 3:16:27 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\220829\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	206311	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	225048	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Meridian Blood Alcohol Analysis Batch Table

NB

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 BLK	0:Unknown	0	ALCOHOL.GCM

NB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: 0.080 **Item #** **Analysis Date(s): 8/29/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0820	0.0819	0.0001	0.0819	0.0030	0.0804
(g/100cc)	0.0790	0.0788	0.0002	0.0789		

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**

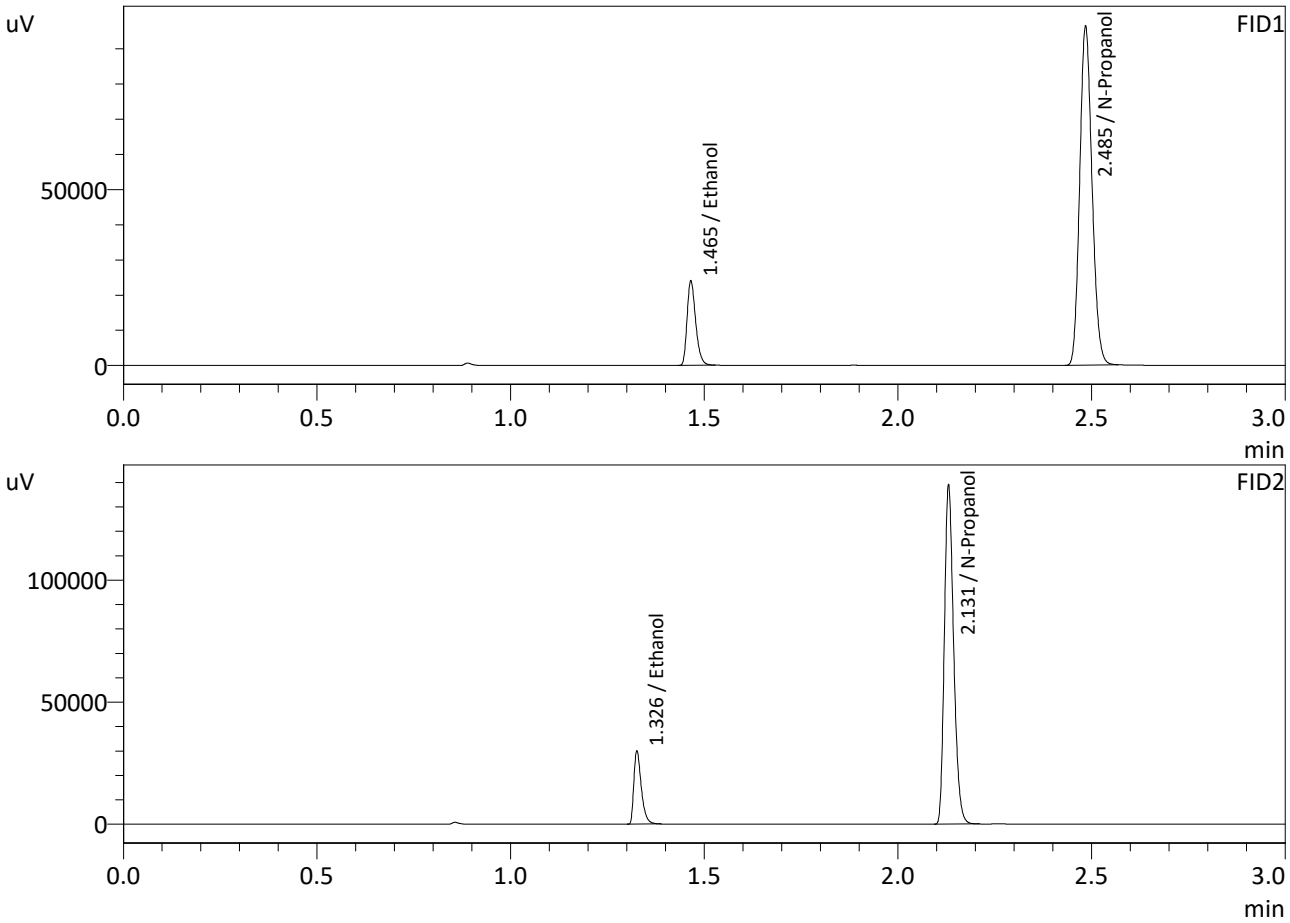
Reported Result

0.080

Calibration and control data are stored centrally.

NB

Sample Name : 0.08 QA-A
Laboratory : Meridian
Injection Date : 8/29/2022 4:45:39 PM
Vial # : 5
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

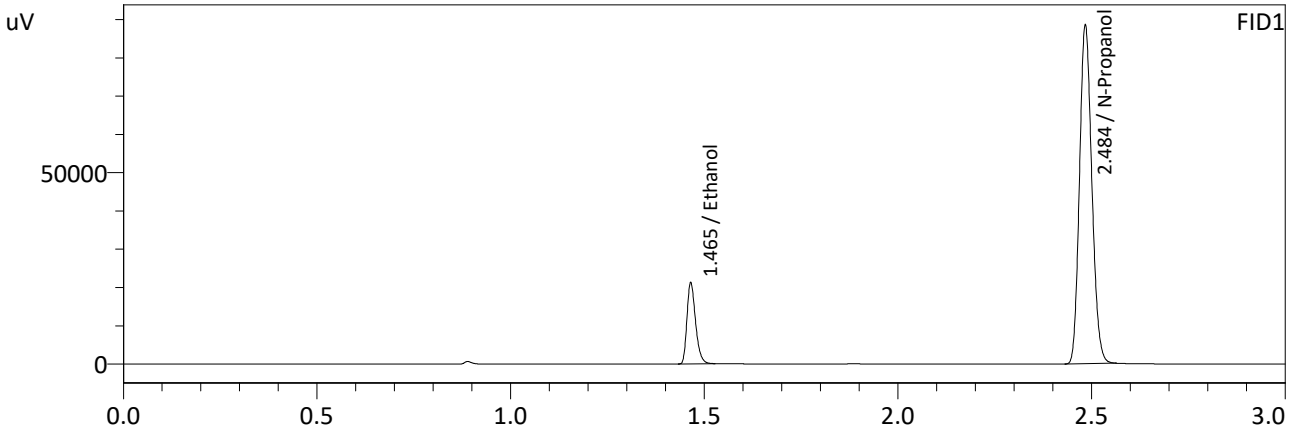
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0820	36993	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	212612	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

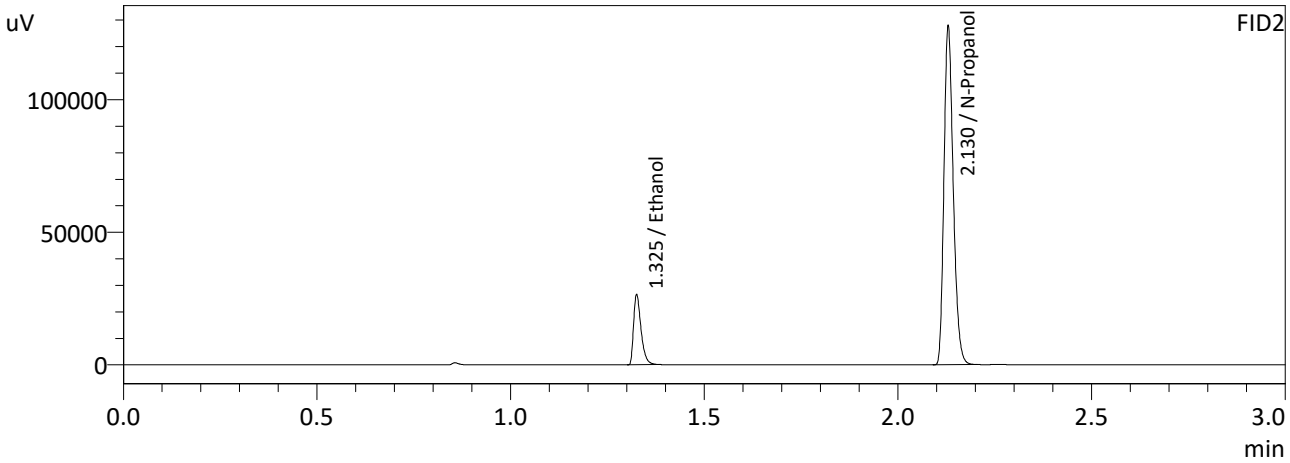
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0819	40055	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	231610	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.08 QA-B
Laboratory : Meridian
Injection Date : 8/29/2022 4:54:21 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0790	32735	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	195682	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0788	35413	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	213297	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Item #** **Analysis Date(s): 8/29/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0734	0.0735	0.0001	0.0734	0.0005	0.0736
(g/100cc)	0.0739	0.0739	0.0000	0.0739		

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
0.073	**0.069**	**0.077**	**0.004**

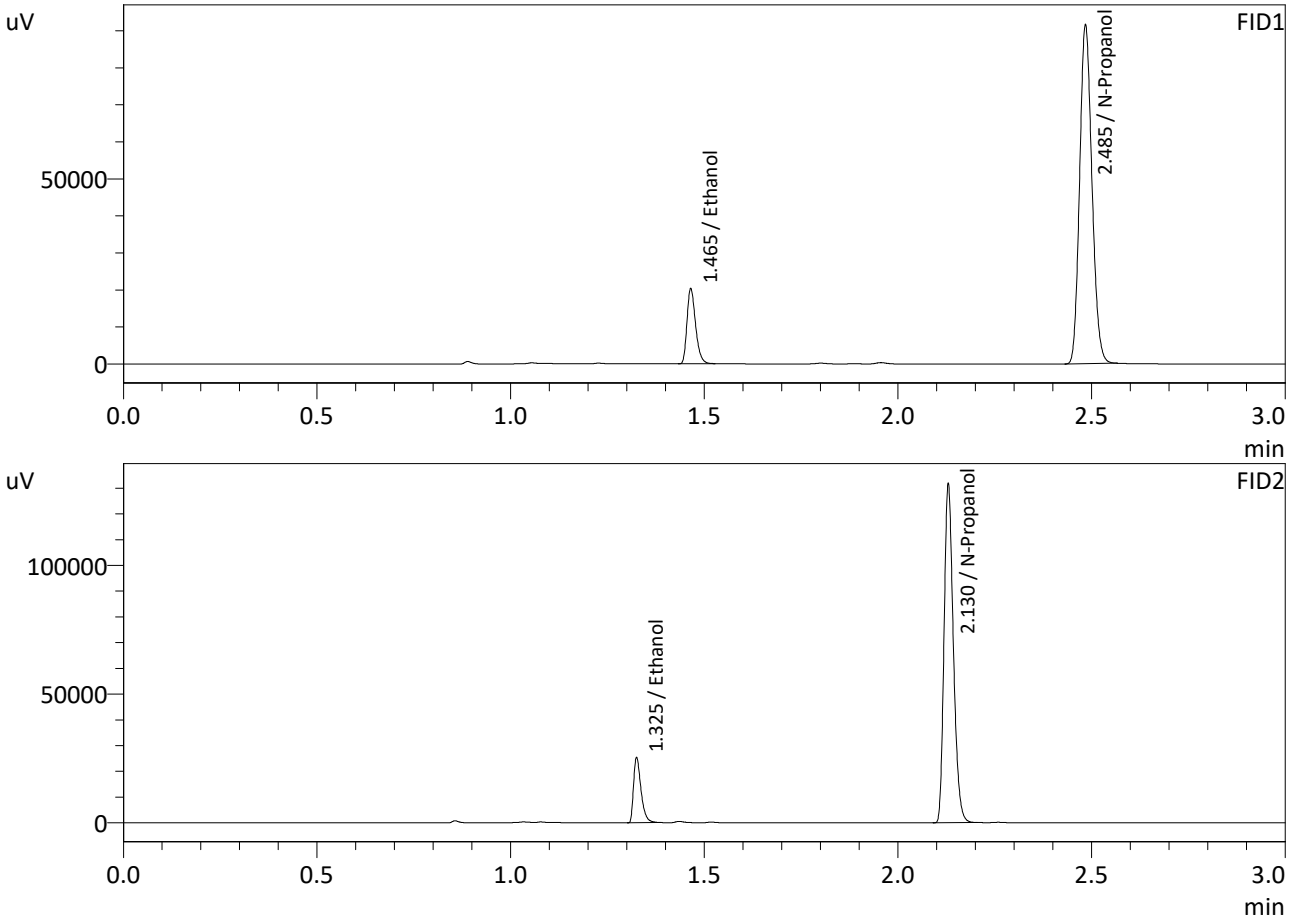
Reported Result

0.073

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-1-A
Laboratory : Meridian
Injection Date : 8/29/2022 4:29:22 PM
Vial # : 3
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

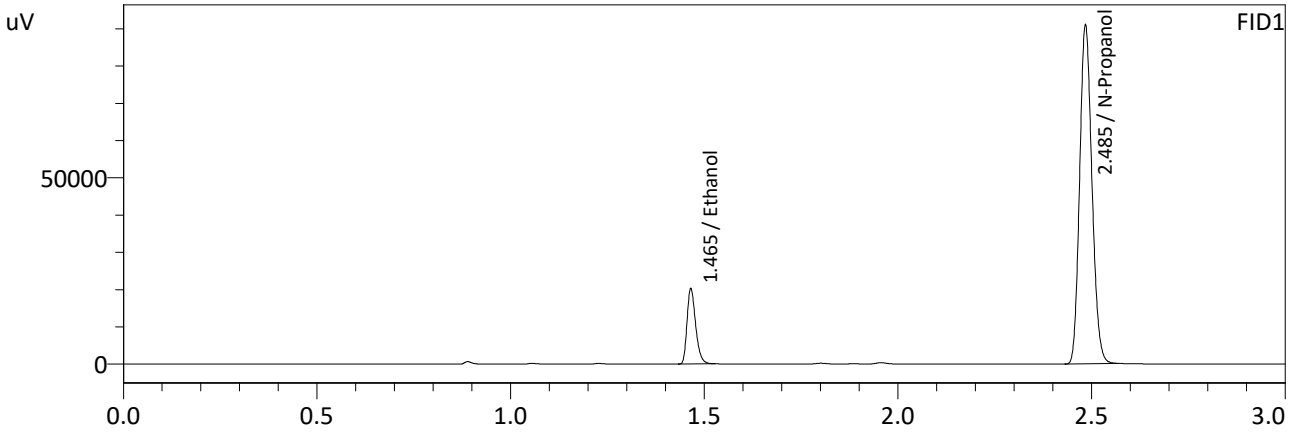
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0734	31291	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	201881	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

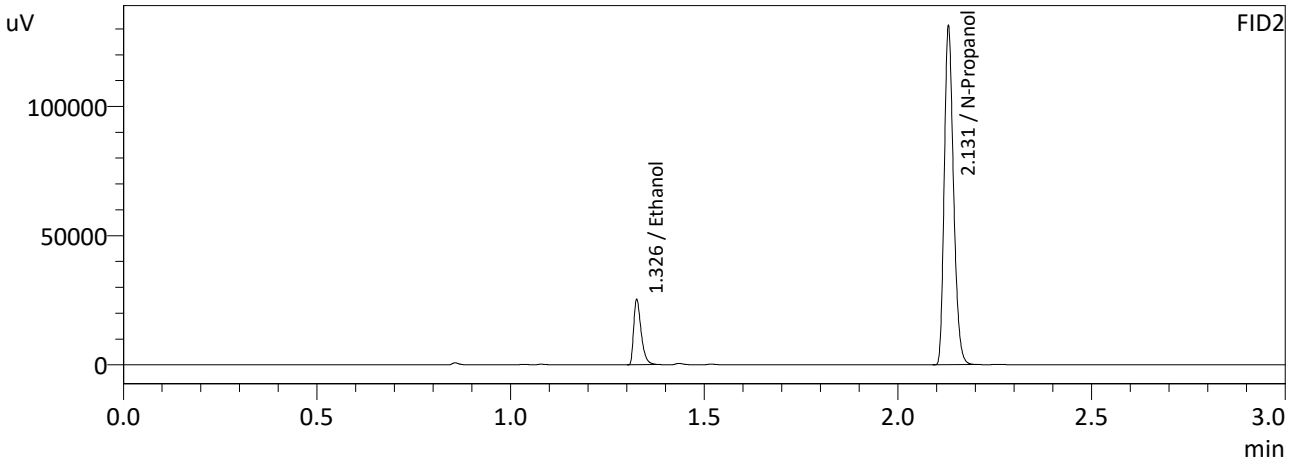
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0735	33919	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	219772	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name	: QC-1-1-B
Laboratory	: Meridian
Injection Date	: 8/29/2022 4:38:24 PM
Vial #	: 4
Method Filename	: C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS	: C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0739	31276	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	200579	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0739	33886	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	218389	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Item #** **Analysis Date(s): 8/29/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0777	0.0777	0.0000	0.0777	0.0002	0.0776
(g/100cc)	0.0775	0.0775	0.0000	0.0775		

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**

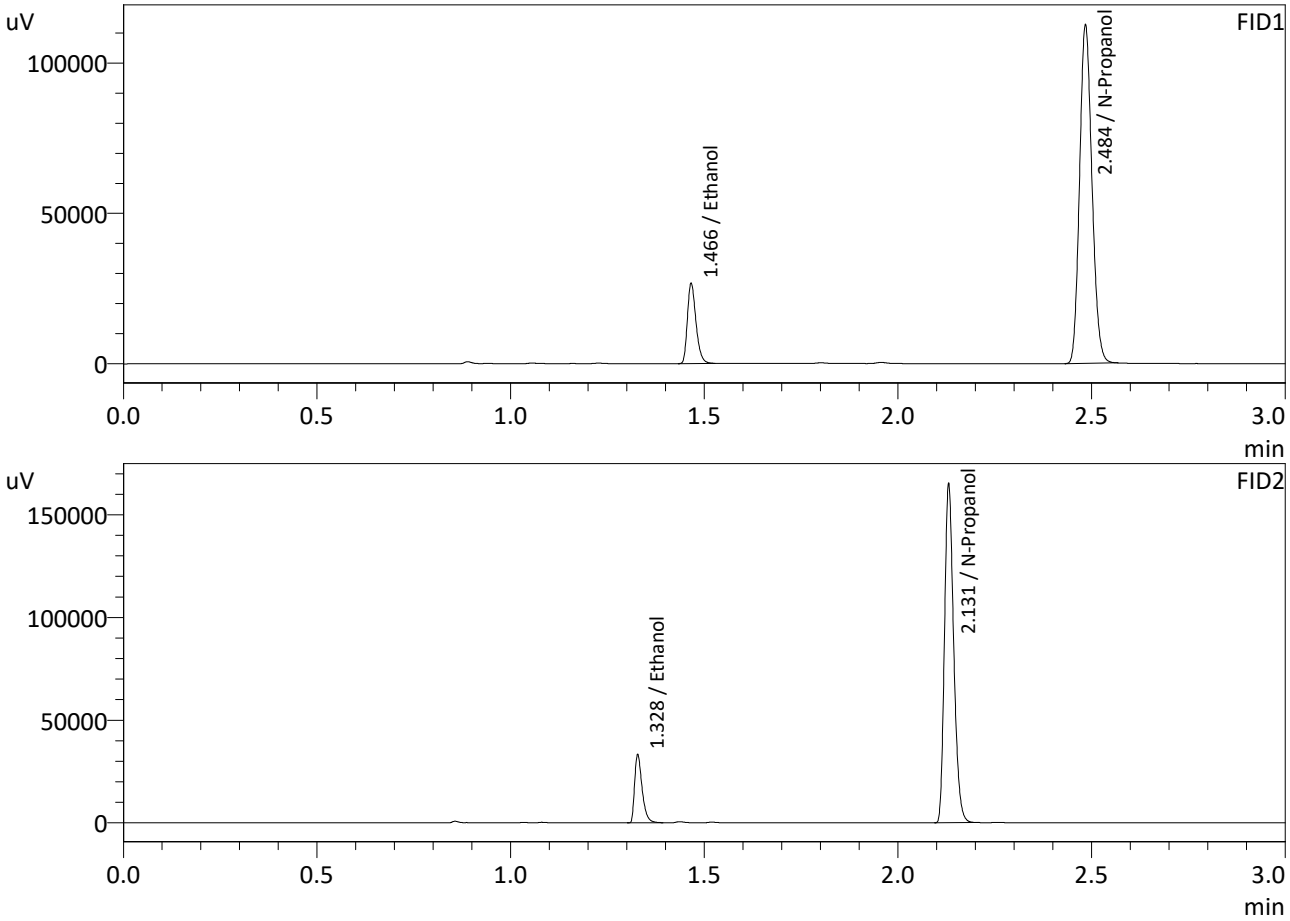
Reported Result

0.077

Calibration and control data are stored centrally.

NB

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : 8/29/2022 10:26:13 PM
Vial # : 47
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

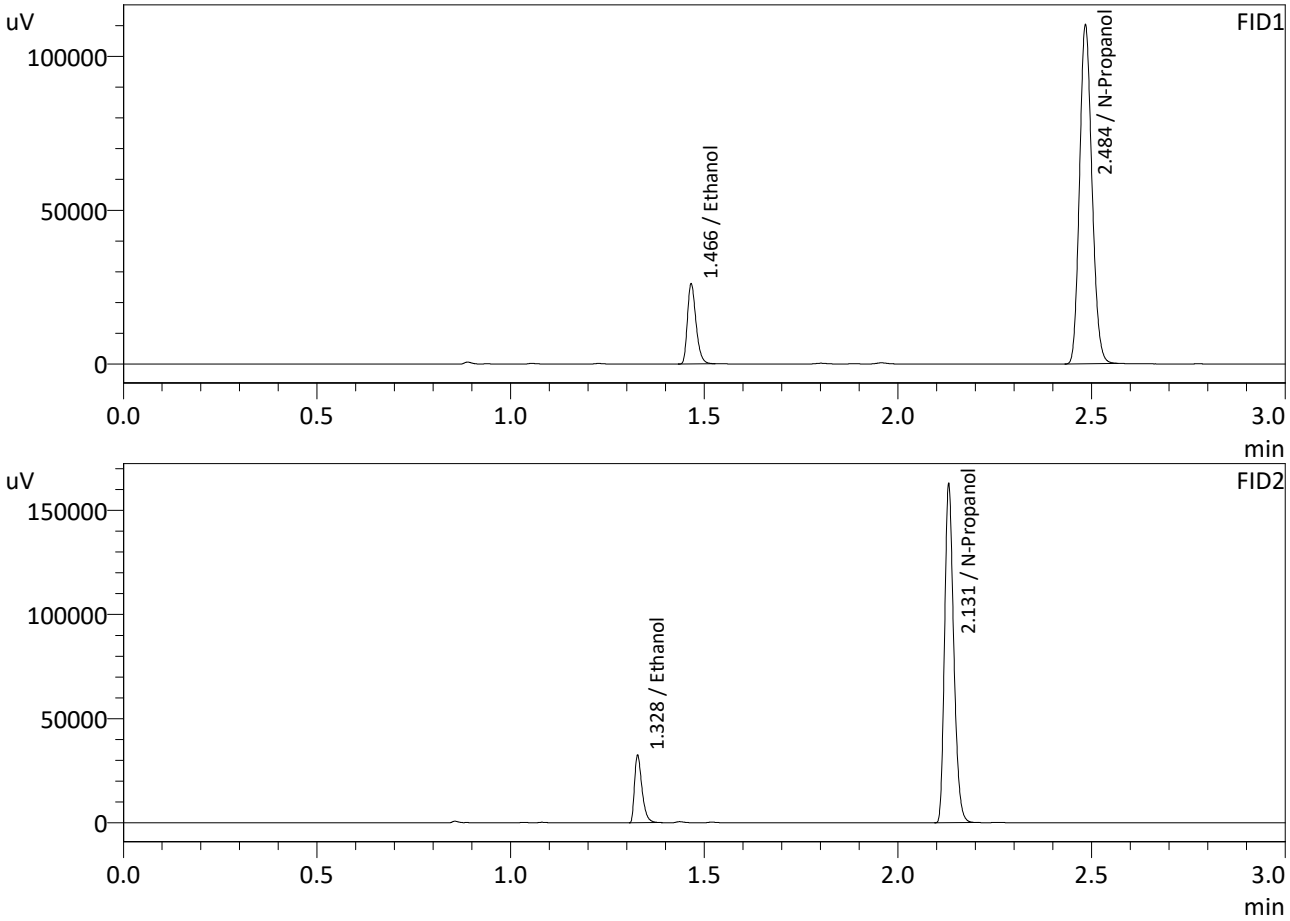
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0777	41046	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	249737	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0777	44646	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	272773	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : 8/29/2022 10:34:58 PM
Vial # : 48
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0775	40091	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	244465	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0775	43572	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	267060	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Item #** **Analysis Date(s): 8/29/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2093	0.2098	0.0005	0.2095	0.0016	0.2103
(g/100cc)	0.2109	0.2113	0.0004	0.2111		

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
0.210	**0.199**	**0.221**	**0.011**

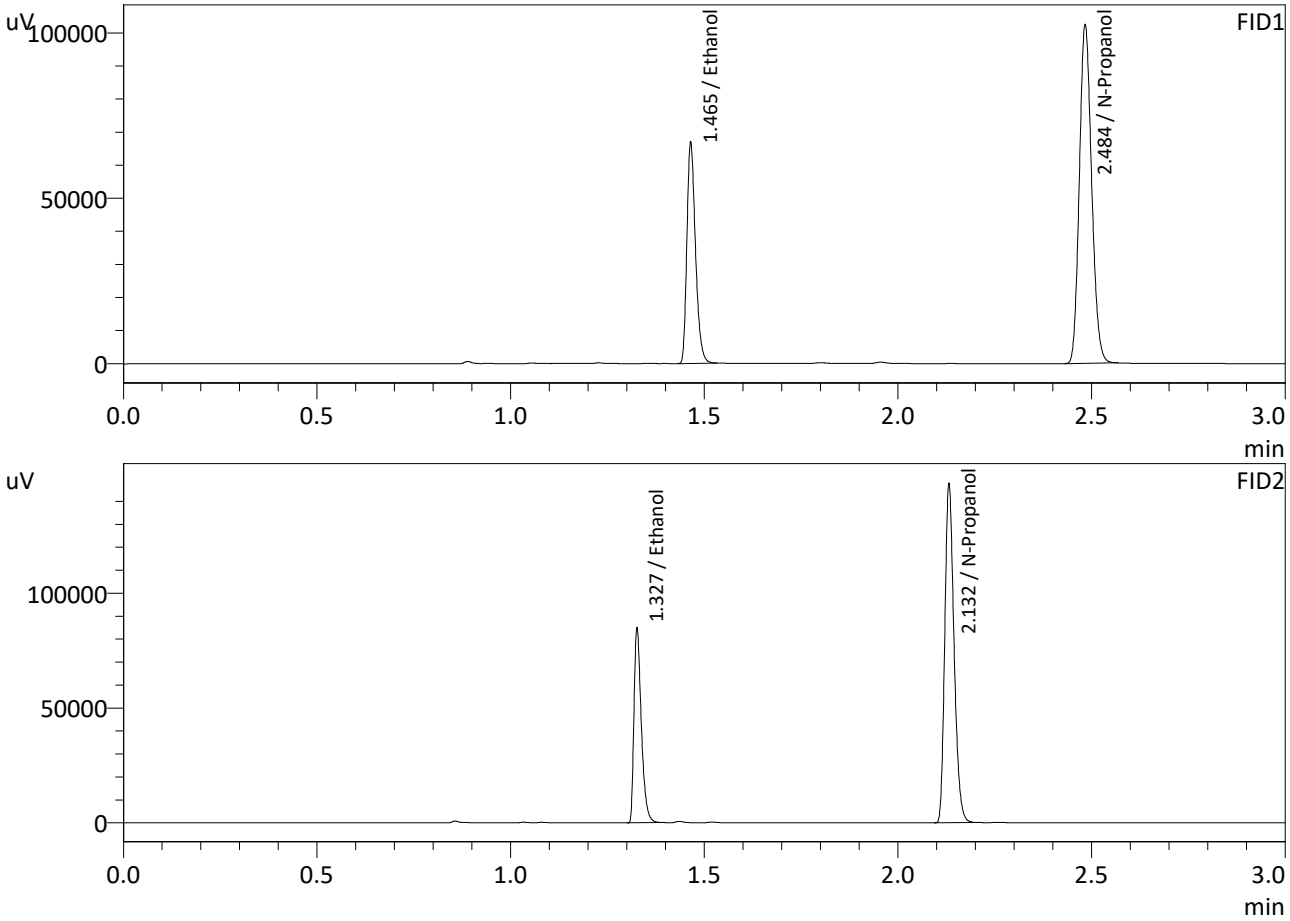
Reported Result

0.210

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-1-A
Laboratory : Meridian
Injection Date : 8/29/2022 7:27:03 PM
Vial # : 25
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

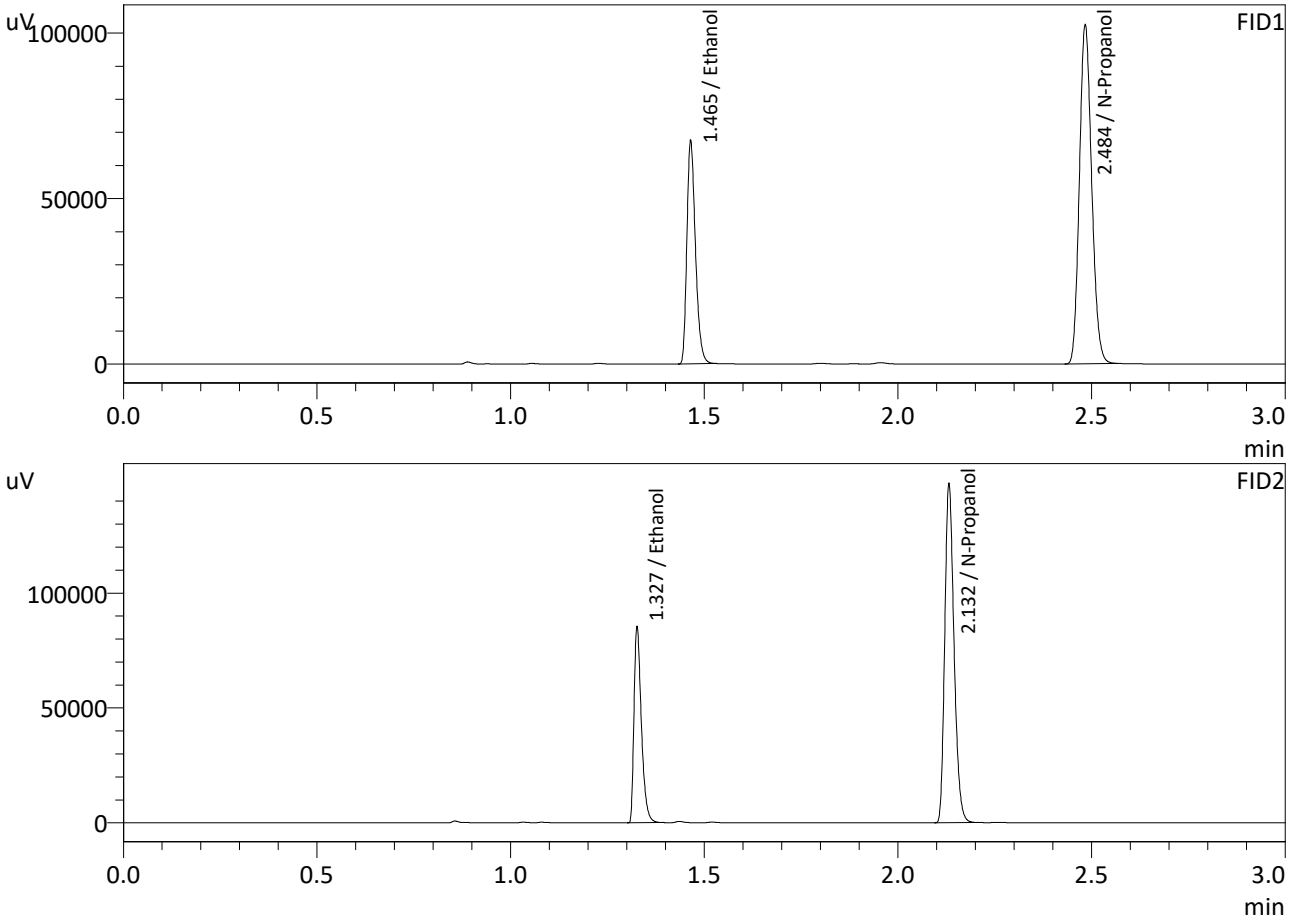
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2093	102753	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	225176	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2098	111869	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	245230	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-1-B
Laboratory : Meridian
Injection Date : 8/29/2022 7:34:40 PM
Vial # : 26
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2109	103595	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	225341	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2113	112799	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	245439	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Item #** **Analysis Date(s): 8/29/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2135	0.2133	0.0002	0.2134	0.0001	0.2133
(g/100cc)	0.2134	0.2132	0.0002	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
0.213	**0.202**	**0.224**	**0.011**

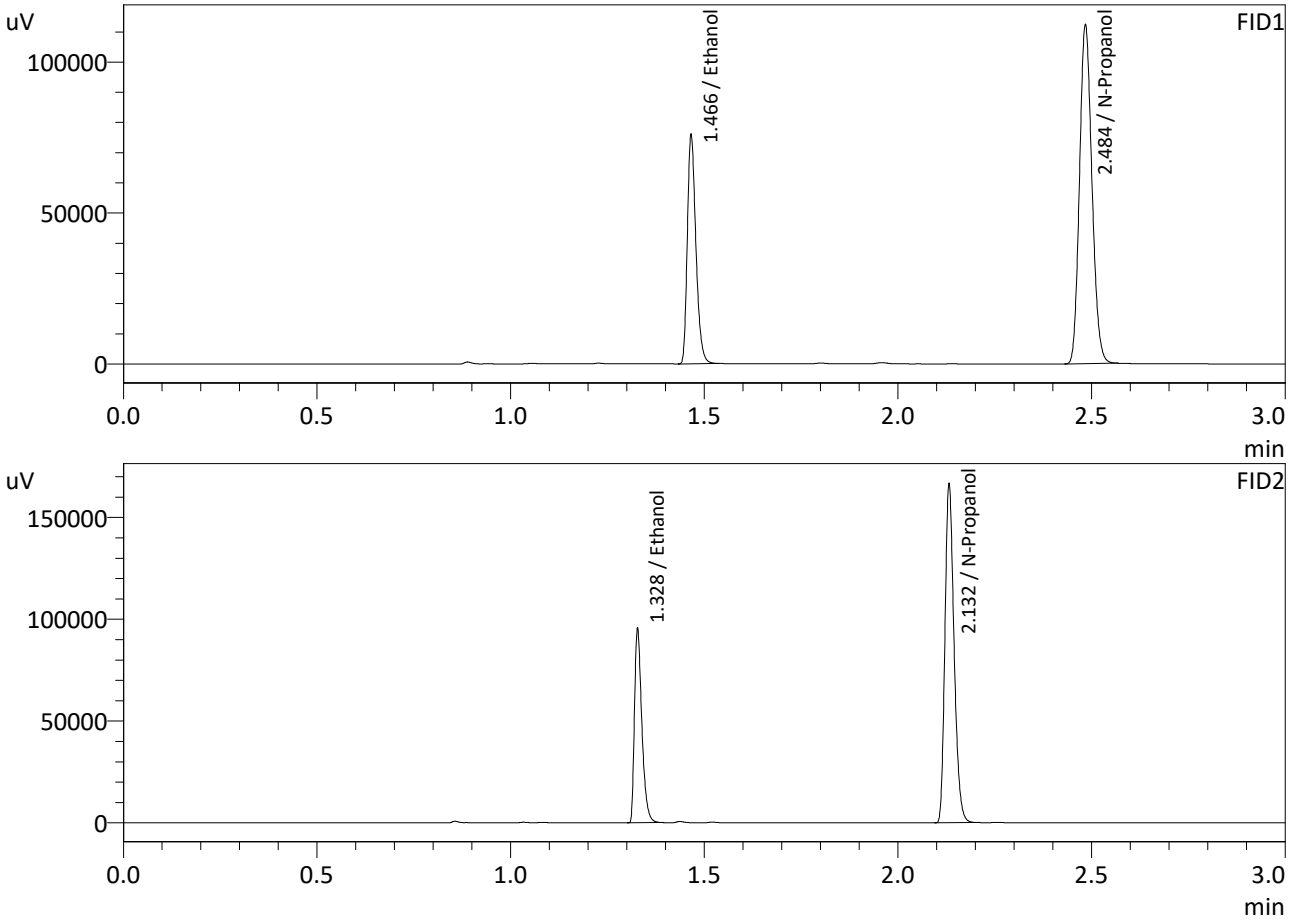
Reported Result

0.213

Calibration and control data are stored centrally.

NB

Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : 8/29/2022 10:58:52 PM
Vial # : 51
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

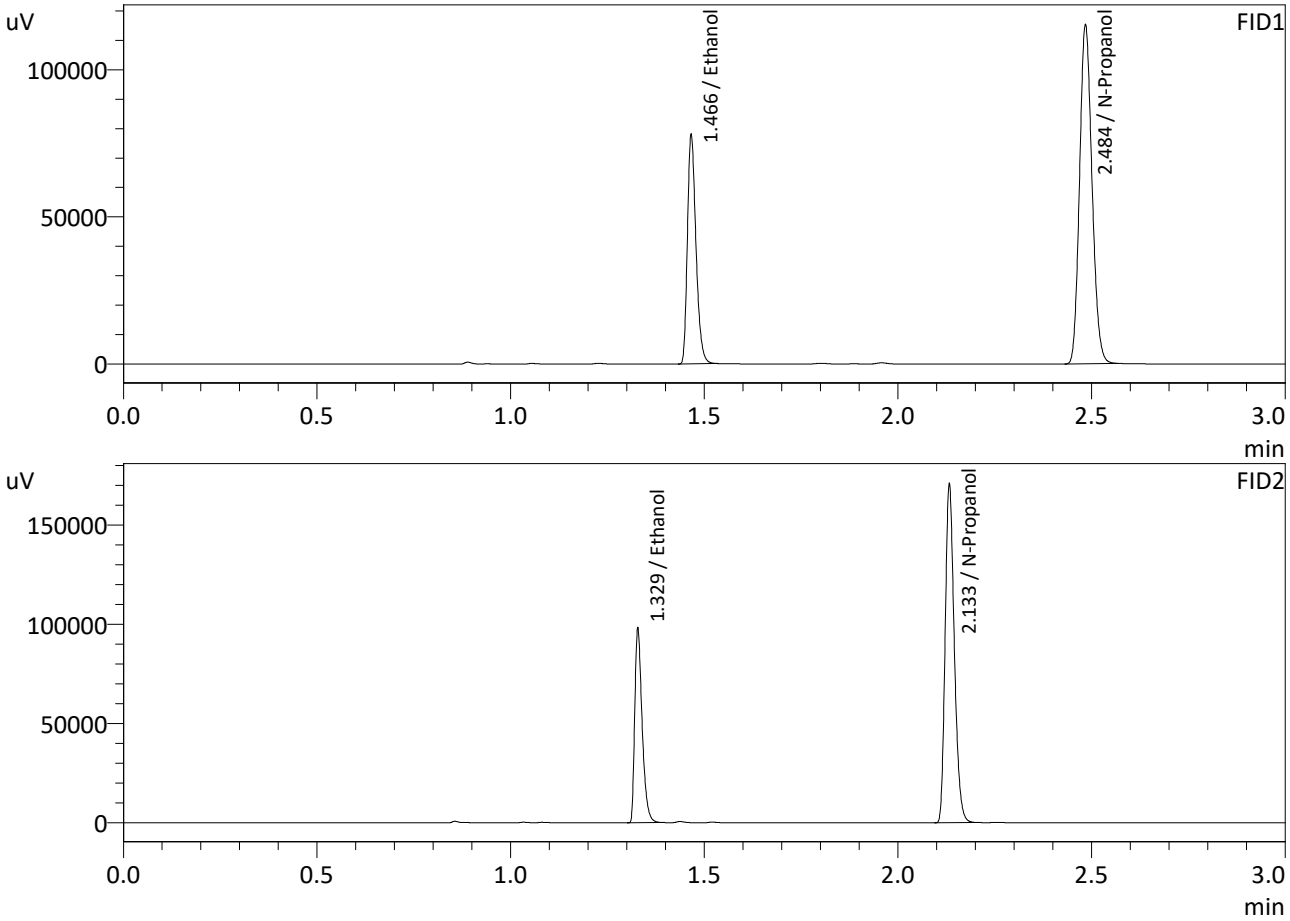
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2135	116342	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	249860	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2133	126603	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	272949	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : 8/29/2022 11:06:02 PM
Vial # : 52
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

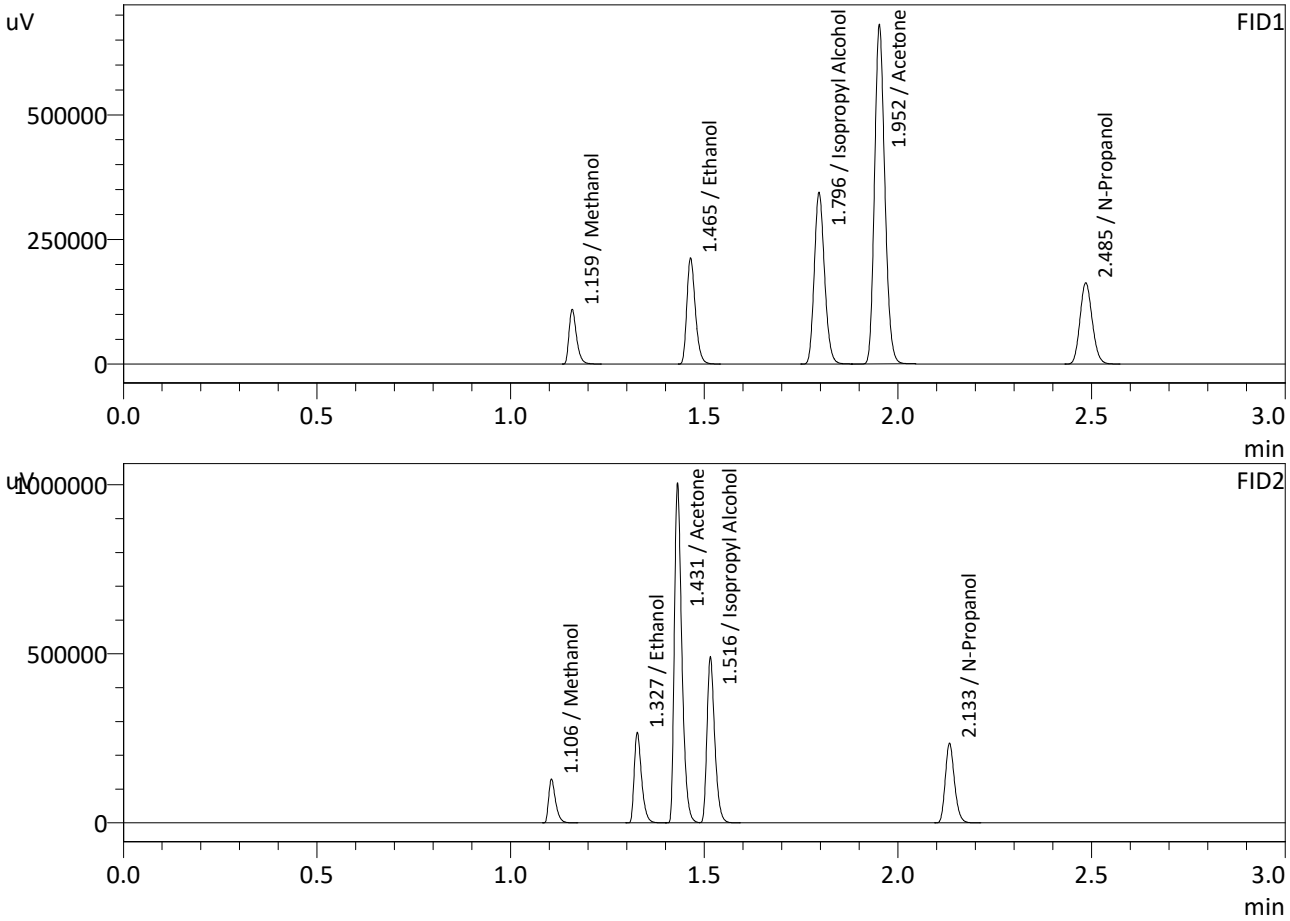
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2134	119363	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	256502	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2132	129927	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	280238	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : MIXED VOLATILES FN 06041902
Laboratory : Meridian
Injection Date : 8/29/2022 4:22:02 PM
Vial # : 2
Method Filename : C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

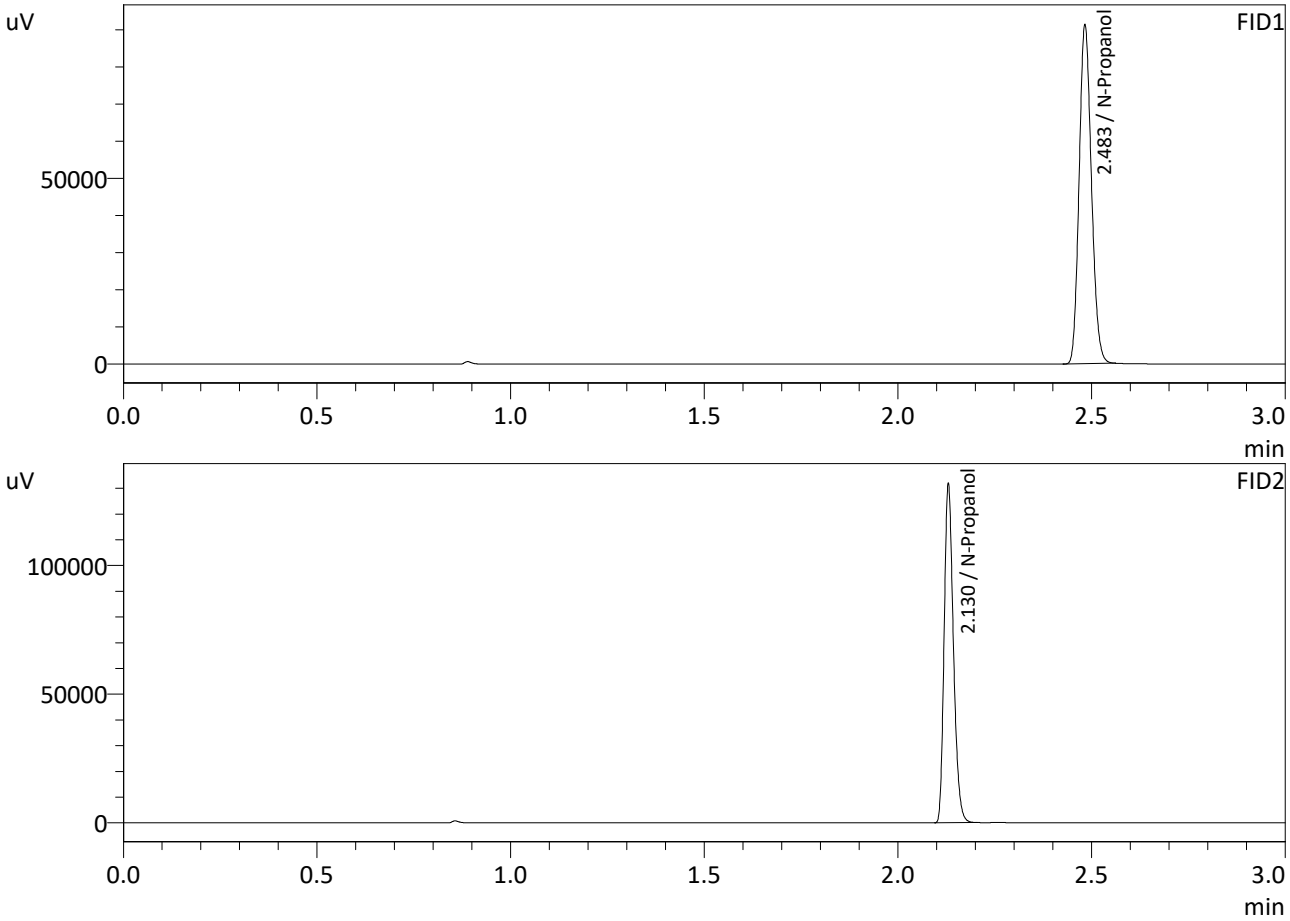
Name	Conc.	Area	Unit
Methanol	0.0000	148512	g/100cc
Ethanol	0.4118	324546	g/100cc
Isopropyl Alcohol	0.0000	631493	g/100cc
Acetone	0.0000	1248466	g/100cc
N-Propanol	0.0000	358488	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	160997	g/100cc
Ethanol	0.4119	351673	g/100cc
Acetone	0.0000	1345286	g/100cc
Isopropyl Alcohol	0.0000	682248	g/100cc
N-Propanol	0.0000	389150	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name	: INT STD BLK 1
Laboratory	: Meridian
Injection Date	: 8/29/2022 4:14:41 PM
Vial #	: 1
Method Filename	: C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS	: C12255750548 / C12595800409



FID1

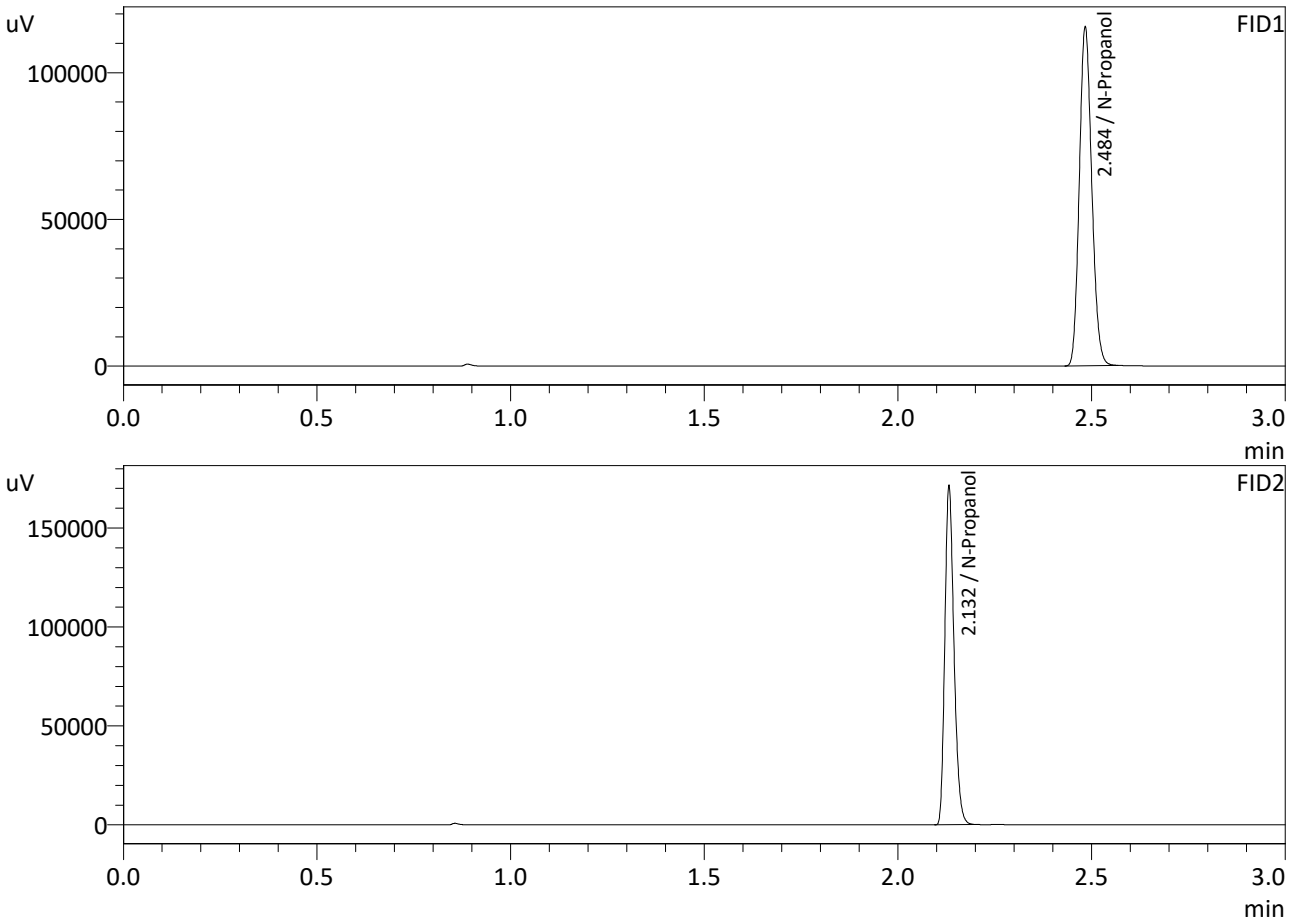
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	201115	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	219214	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLK 2
Laboratory : Meridian
Injection Date : 8/29/2022 11:13:55 PM
Vial # : 53
Method Filename : C:\LabSolutions\Data\220829\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	257168	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	281162	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Meridian Blood Alcohol Analysis Batch Table

NB

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\220829\CALIBRATION\ALCOHOL.GCM
2	ED VOLATILES FN 0604	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
3	QC-1-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
4	QC-1-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
5	0.08 QA-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
6	0.08 QA-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
7	M2022-3300-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
8	M2022-3300-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
9	M2022-3348-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
10	M2022-3348-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
11	M2022-3366-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
12	M2022-3366-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
13	M2022-3377-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
14	M2022-3377-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
15	M2022-3378-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
16	M2022-3378-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
17	M2022-3379-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
18	M2022-3379-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
19	M2022-3397-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
20	M2022-3397-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
21	M2022-3406-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
22	M2022-3406-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
23	M2022-3407-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
24	M2022-3407-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
25	QC-2-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
26	QC-2-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
27	M2022-3429-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
28	M2022-3429-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
29	M2022-3442-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
30	M2022-3442-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
31	M2022-3445-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
32	M2022-3445-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
33	M2022-3457-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
34	M2022-3457-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
35	M2022-3458-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
36	M2022-3458-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
37	M2022-3483-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
38	M2022-3483-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
39	M2022-3493-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
40	M2022-3493-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
41	M2022-3517-2-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
42	M2022-3517-2-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
43	M2022-3521-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
44	M2022-3521-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
45	M2022-3535-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
46	M2022-3535-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
47	QC1-2-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
48	QC1-2-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
49	M2022-3536-1-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
50	M2022-3536-1-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
51	QC2-2-A	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
52	QC2-2-B	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM
53	INT STD BLK 2	C:\LabSolutions\Data\220829\CALIBRATION\ALCOHOL.GCM