



















**Worklist: 6664**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-0278		BCK	Alcohol Analysis	
M2024-0298		BCK	Alcohol Analysis	
M2024-0299		BCK	Alcohol Analysis	
M2024-0304		BCK	Alcohol Analysis	
M2024-0305		BCK	Alcohol Analysis	
M2024-0306		BCK	Alcohol Analysis	
M2024-0307		BCK	Alcohol Analysis	
M2024-0308		BCK	Alcohol Analysis	
M2024-0309		BCK	Alcohol Analysis	
M2024-0310		BCK	Alcohol Analysis	
M2024-0311		BCK	Alcohol Analysis	
M2024-0352		BCK	Alcohol Analysis	
M2024-0356		BCK	Alcohol Analysis	
M2024-0357		BCK	Alcohol Analysis	
M2024-0369		BCK	Alcohol Analysis	
M2024-0370		BCK	Alcohol Analysis	
M2024-0371		BCK	Alcohol Analysis	
M2024-0380		BCK	Alcohol Analysis	
M2024-0391		BCK	Alcohol Analysis	

NB

**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):**

**1/26/24**

**Calibration Date: 1/23/24**

**Worklist #:**

**6664**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727-0.0889	0.0788 g/100cc	
					0.0822 g/100cc	
					g/100cc	
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2096 g/100cc	
					0.2105 g/100cc	
					g/100cc	
<b>Multi-Component mixture:</b>		<b>Exp:</b>	<b>Oct. 2024</b>	<b>Lot #</b>	FN06041902	
<b>Curve Fit:</b>			<b>Column 1</b>	0.99995	<b>Column2</b>	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	0.0511	0.0511	0	0.0511
100	0.100	0.090 - 0.110	0.1001	0.1007	0.0006	0.1004
200	0.200	0.180 - 0.220	0.1979	0.1975	0.0004	0.1977
300	0.300	0.270 - 0.330	0.2999	0.2996	0.0003	0.2997
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5006	0.5009	0.0003	0.5007

**Aqueous Controls**

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.081 g/100cc

**Internal Standard Monitoring Worksheet**

**Worklist #:** 6664      **Run Date(s):** 1/26/24

Internal Standard Solution:	Prep Date: 12/5/2023	Exp Date: 6/5/2024
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Sample Name	Column 1 Value	Column 2 Value
0.080	185341	200350
0.080	173124	186607
QC1	176225	189790
QC1	178001	192284
QC1	213659	231439
QC1	211165	228530
QC1		
QC1		
QC2	207825	225179
QC2	207303	224337
QC2	210667	228240
QC2	220381	238923
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	198369.1	158695.3	238042.9
Column 2	214567.9	171654.3	257481.5

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 1/26/2024 4:01:41 PM(-07:00)				
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.0825	0.0823	0.0002	0.0824	0.0015	0.0816
(g/100cc)	0.0808	0.0811	0.0003	0.0809		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_240123NB.gcm

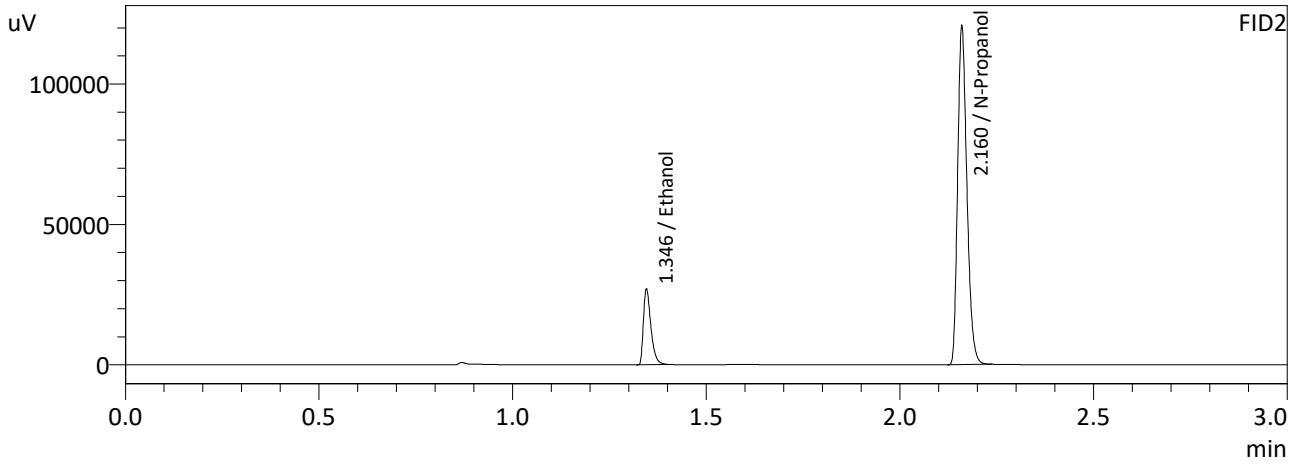
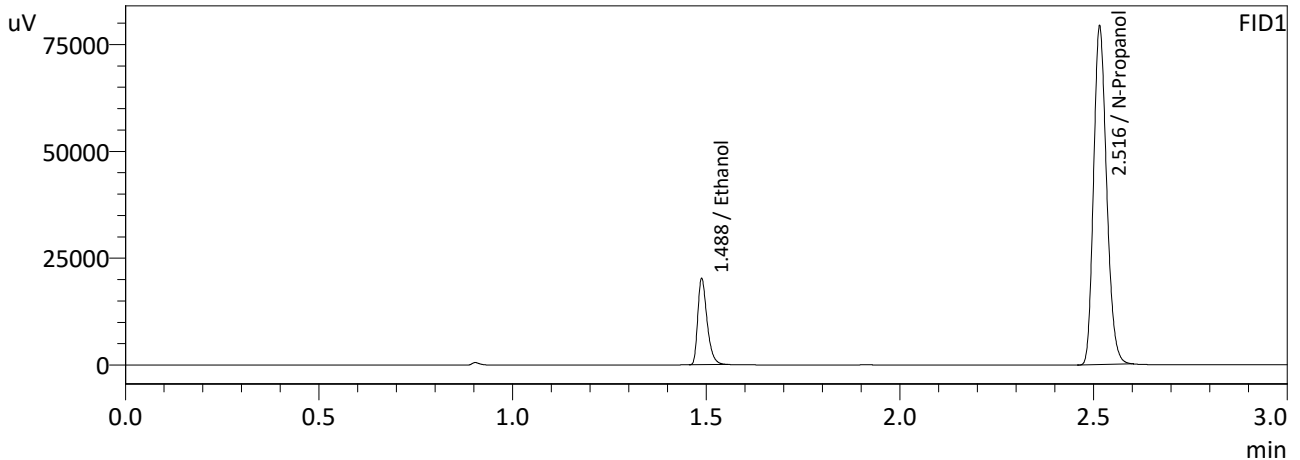
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

Reported Results	
0.081	

Calibration and control data are stored centrally.

NB

Sample Name : 0.08 QA  
 Laboratory : Meridian  
 Injection Date : 1/26/2024 4:01:41 PM  
 Vial # : 5  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

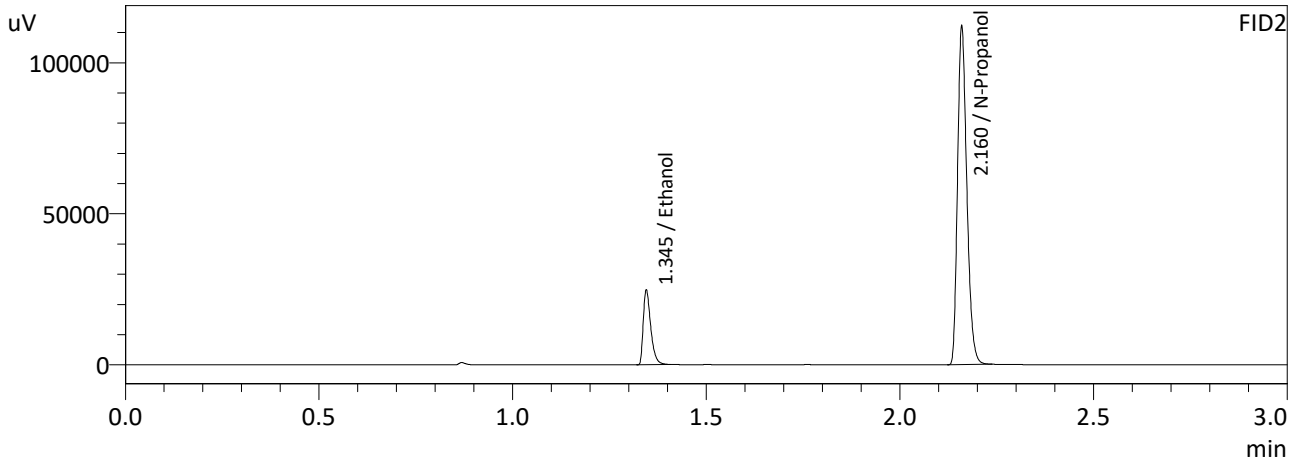
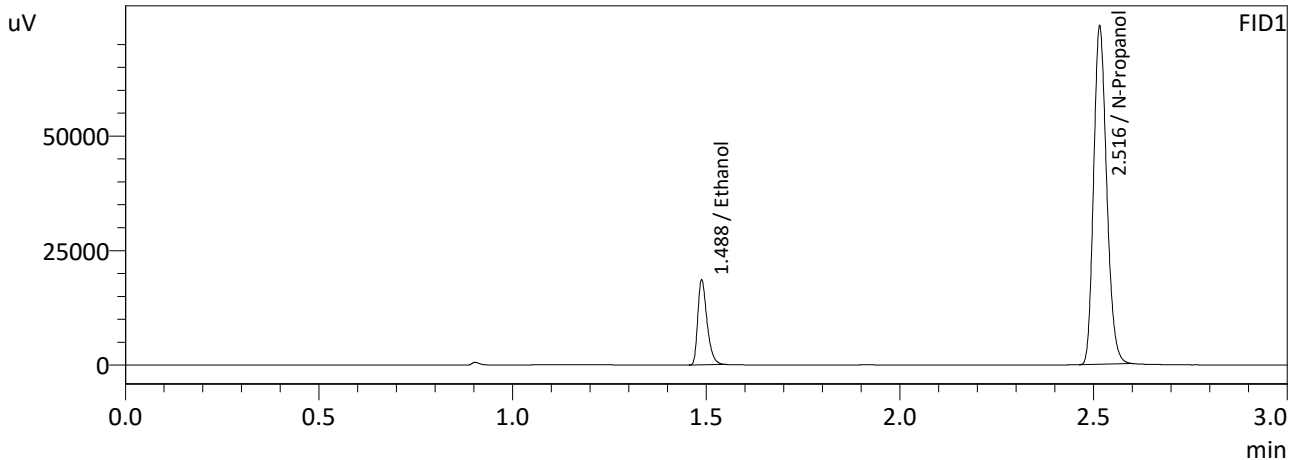
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0825	33662	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	185341	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0823	36128	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200350	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.08 QA-B  
 Laboratory : Meridian  
 Injection Date : 1/26/2024 4:10:29 PM  
 Vial # : 6  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0808	30788	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	173124	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0811	33154	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	186607	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1		Analysis Date(s): 1/26/2024 3:45:27 PM(-07:00)				
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.0782	0.0786	0.0004	0.0784	0.0009	0.0788
(g/100cc)	0.0791	0.0795	0.0004	0.0793		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_240123NB.gcm

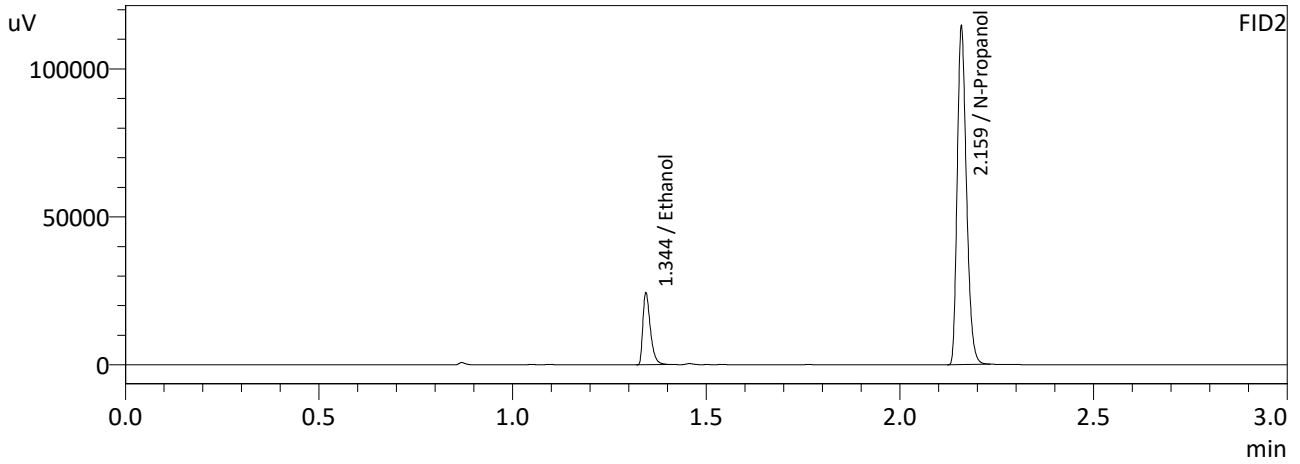
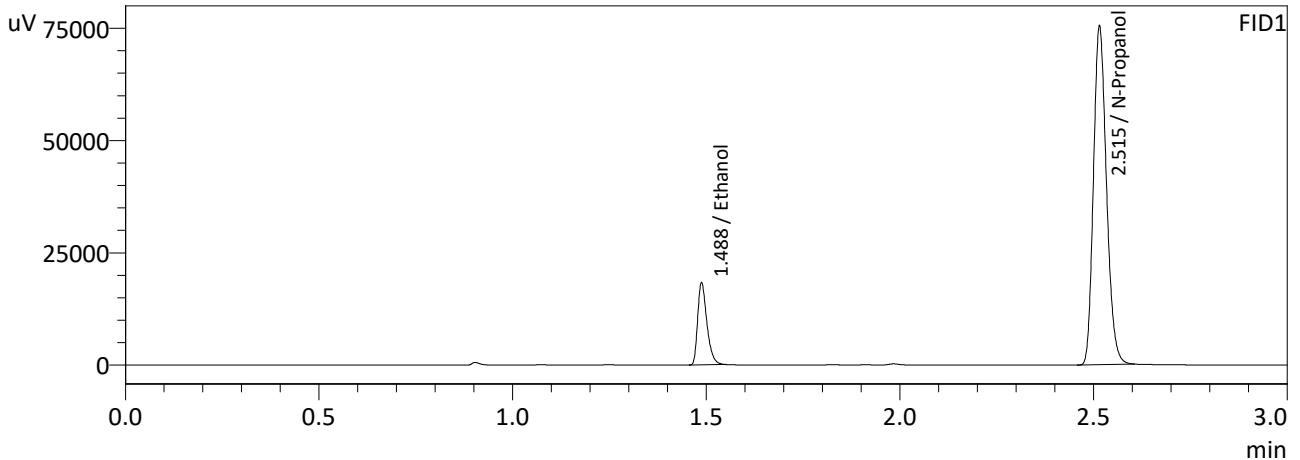
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.078	0.074	0.082	0.004

Reported Results	
0.078	

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-1  
 Laboratory : Meridian  
 Injection Date : 1/26/2024 3:45:27 PM  
 Vial # : 3  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0782	30311	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	176225	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

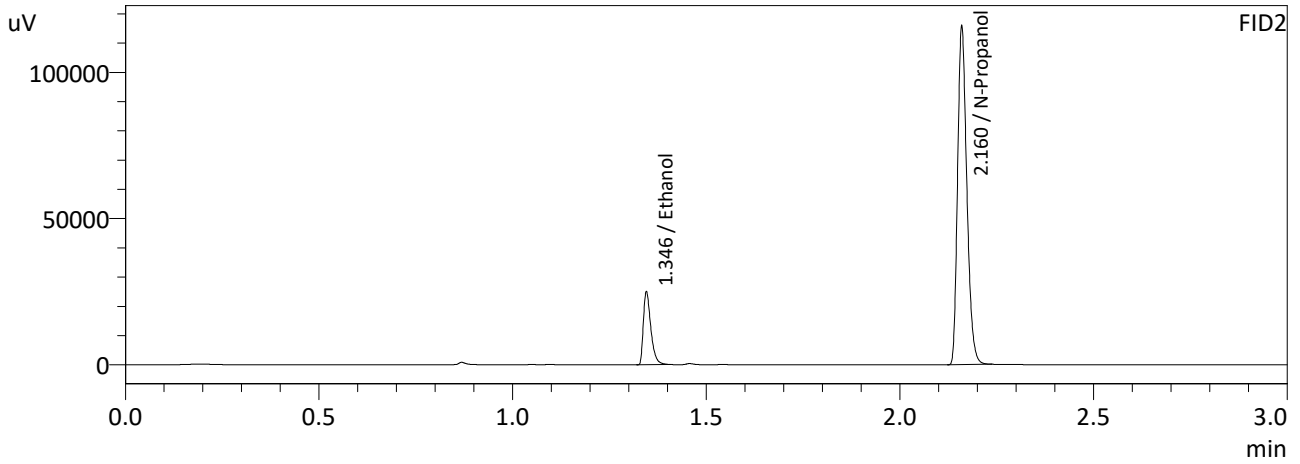
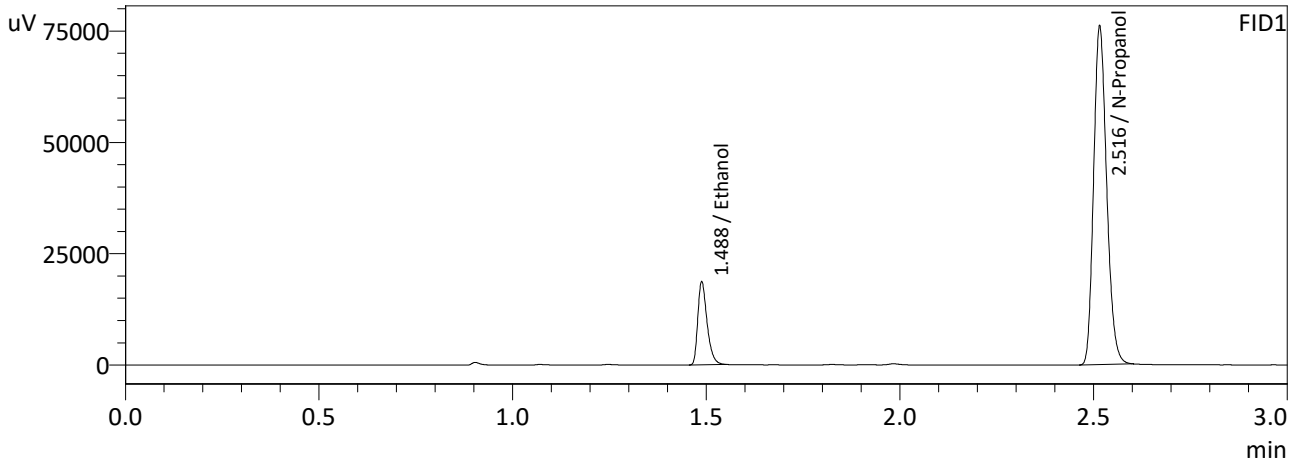
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0786	32634	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	189790	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB



Sample Name : QC-1-1-B  
 Laboratory : Meridian  
 Injection Date : 1/26/2024 3:53:55 PM  
 Vial # : 4  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0791	30973	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	178001	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0795	33453	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	192284	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2

Analysis Date(s): 1/26/2024 9:47:59 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0825	0.0829	0.0004	0.0827	0.0009	0.0822
(g/100cc)	0.0817	0.0820	0.0003	0.0818		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_240123NB.gcm

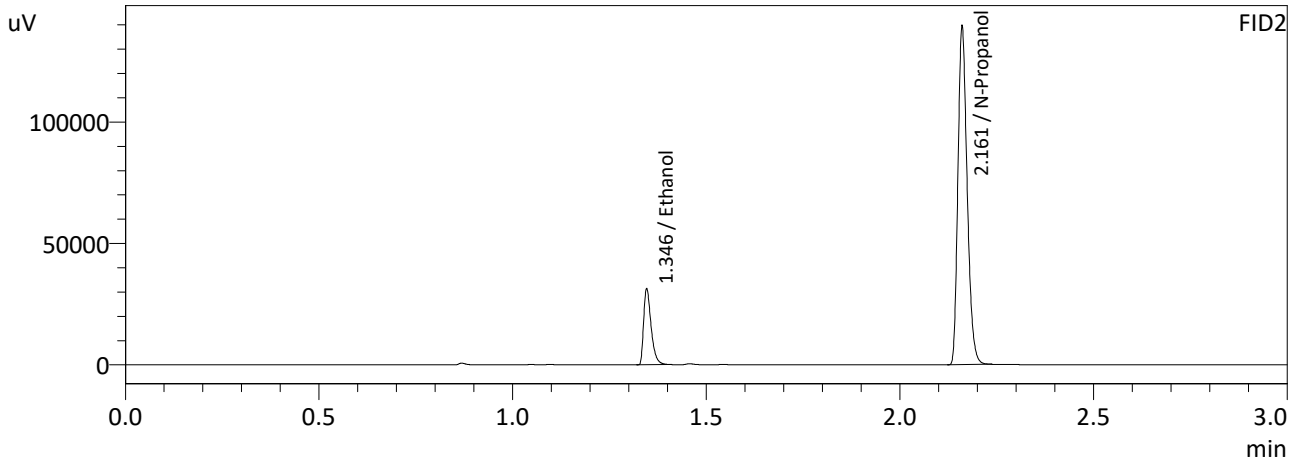
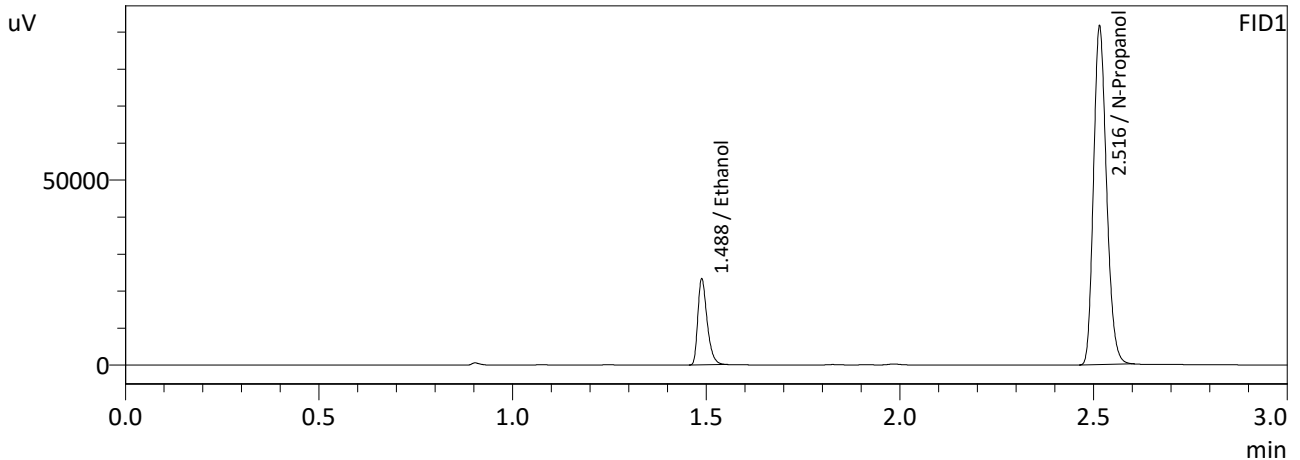
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

	Reported Results
	0.082

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-2  
 Laboratory : Meridian  
 Injection Date : 1/26/2024 9:47:59 PM  
 Vial # : 47  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

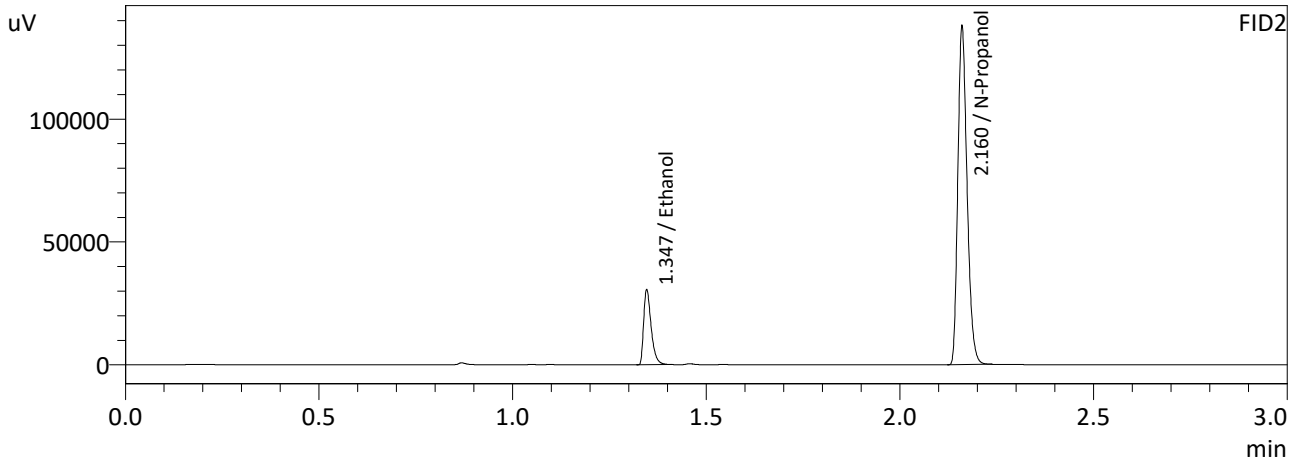
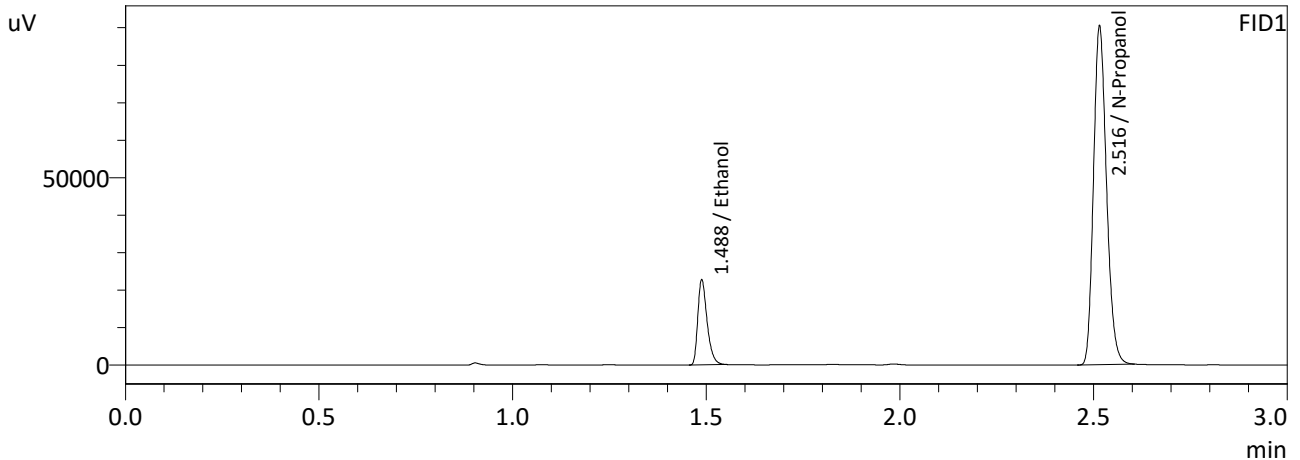
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0825	38839	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	213659	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0829	42049	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	231439	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-2-B  
 Laboratory : Meridian  
 Injection Date : 1/26/2024 9:56:27 PM  
 Vial # : 48  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0817	37991	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	211165	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0820	41068	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	228530	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 1/26/2024 6:45:51 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2111	0.2109	0.0002	0.2110	0.0028	0.2096
(g/100cc)	0.2080	0.2085	0.0005	0.2082		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_240123NB.gcm

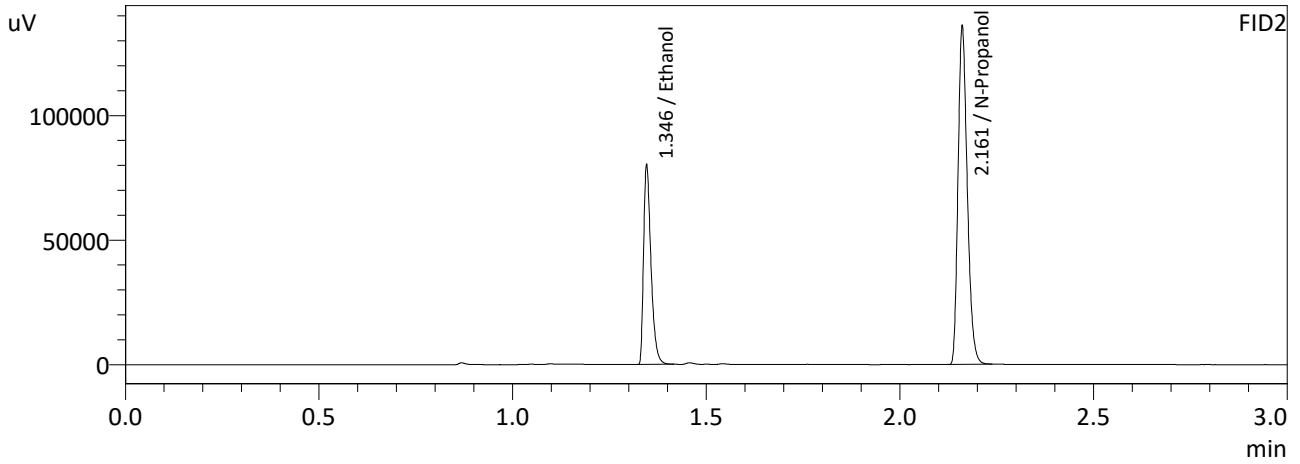
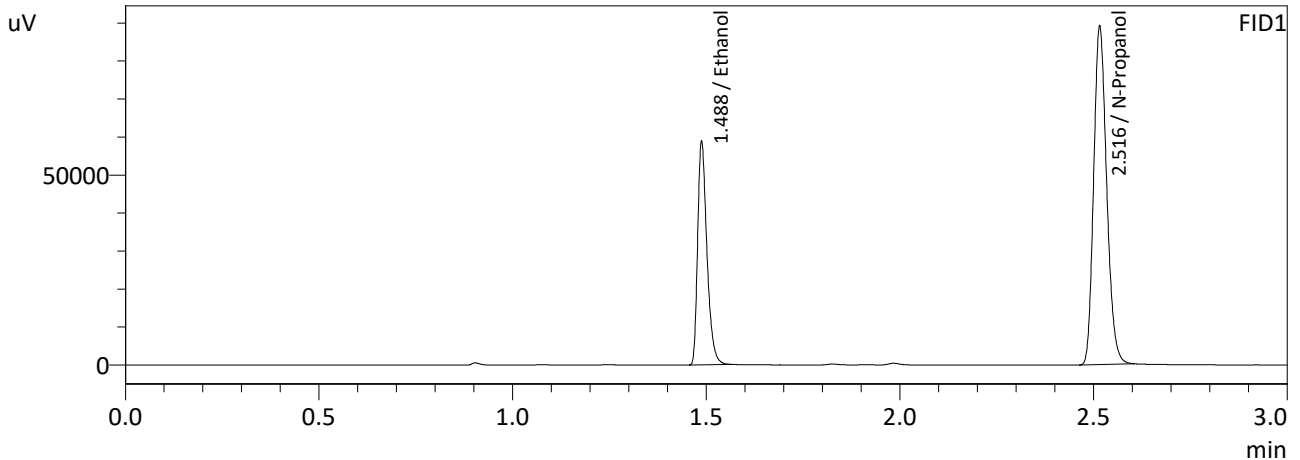
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.209	0.198	0.220	0.011

	Reported Results
	0.209

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-1  
 Laboratory : Meridian  
 Injection Date : 1/26/2024 6:45:51 PM  
 Vial # : 25  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

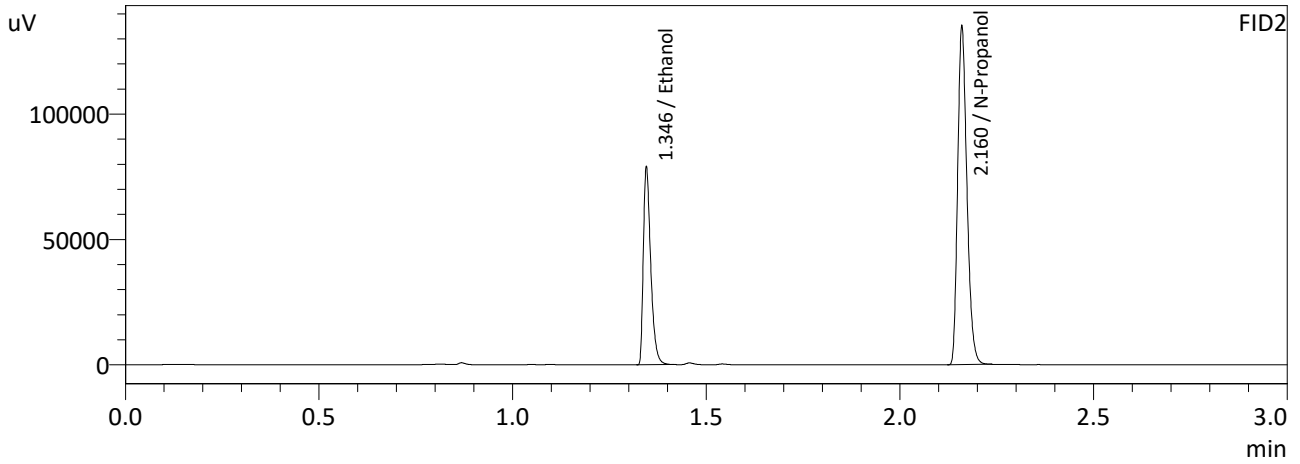
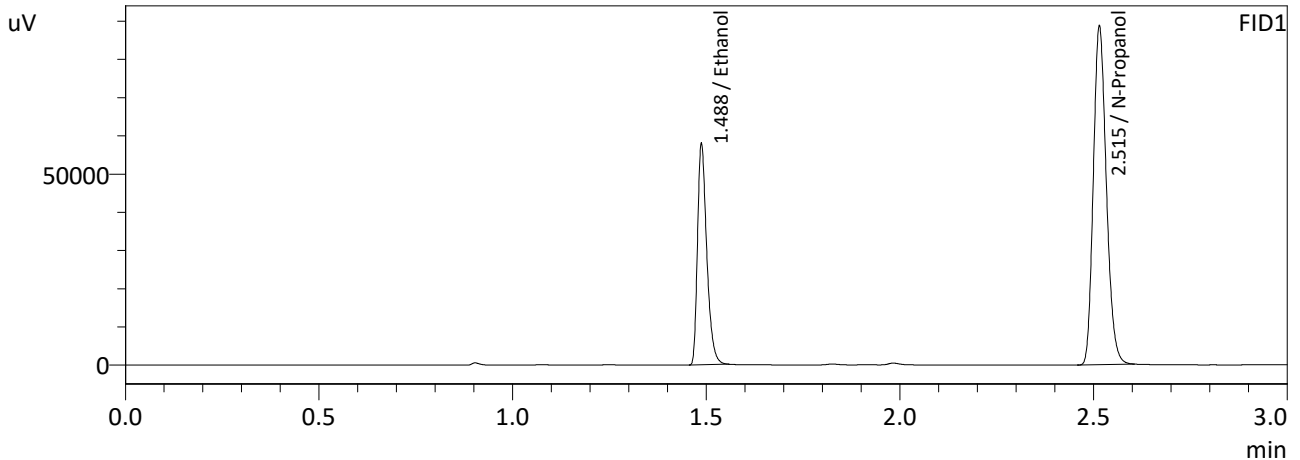
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2111	97871	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	207825	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2109	106185	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	225179	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-1-B  
 Laboratory : Meridian  
 Injection Date : 1/26/2024 6:54:22 PM  
 Vial # : 26  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2080	96181	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	207303	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2085	104578	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	224337	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2

Analysis Date(s): 1/26/2024 10:03:45 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2108	0.2116	0.0008	0.2112	0.0014	0.2105
(g/100cc)	0.2099	0.2098	0.0001	0.2098		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_240123NB.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.210	0.199	0.221	0.011

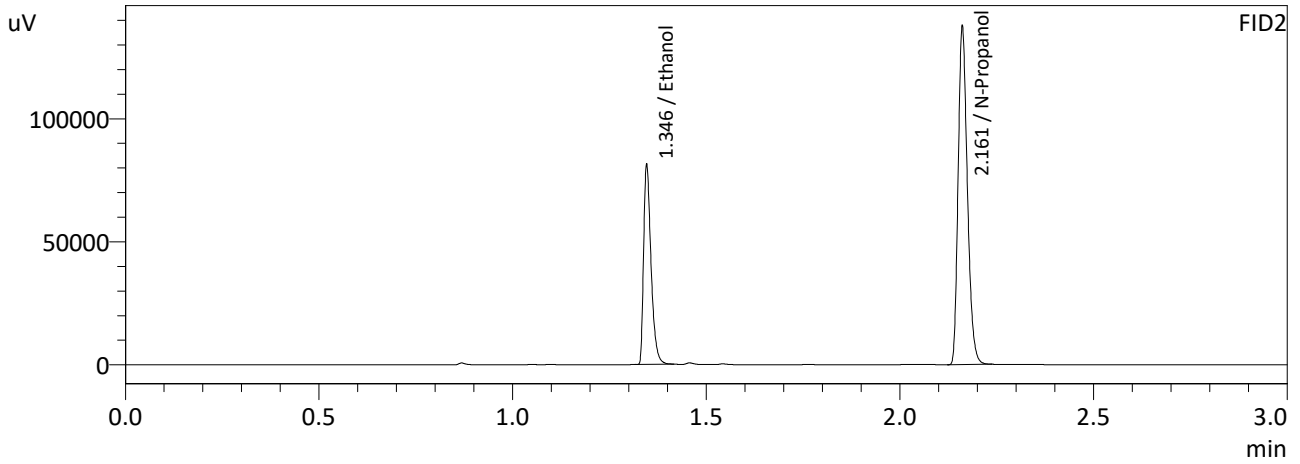
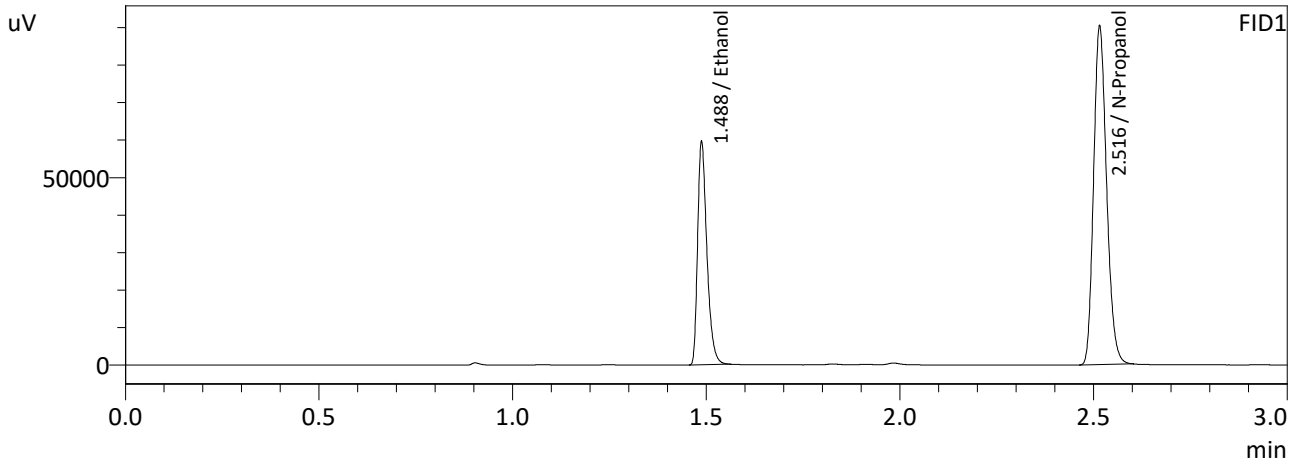
	Reported Results
	0.210

Calibration and control data are stored centrally.

NB



Sample Name : QC-2-2  
 Laboratory : Meridian  
 Injection Date : 1/26/2024 10:03:45 PM  
 Vial # : 49  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

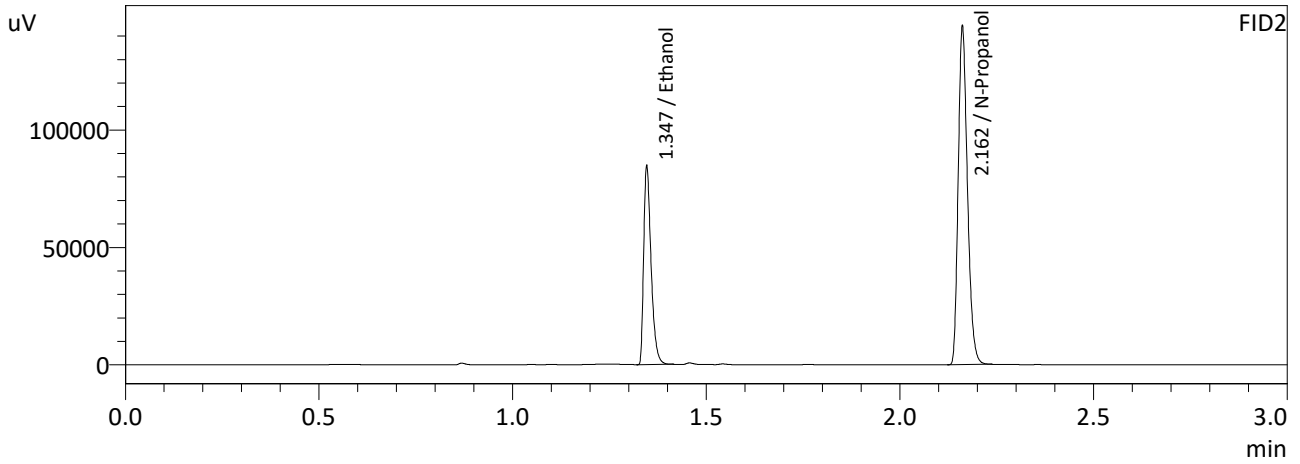
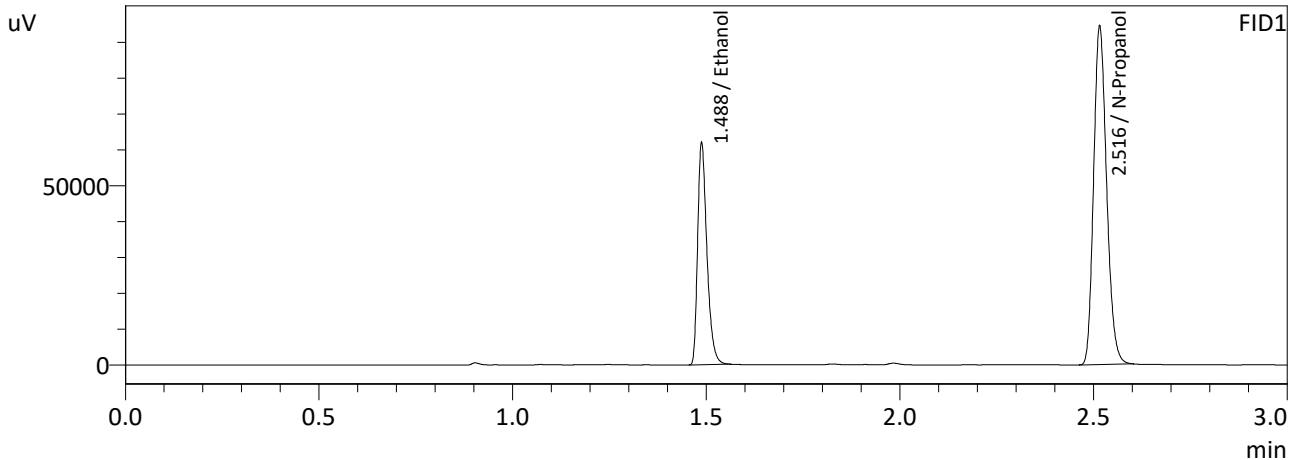
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2108	99055	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	210667	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2116	107979	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	228240	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-2-B  
 Laboratory : Meridian  
 Injection Date : 1/26/2024 10:11:50 PM  
 Vial # : 50  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

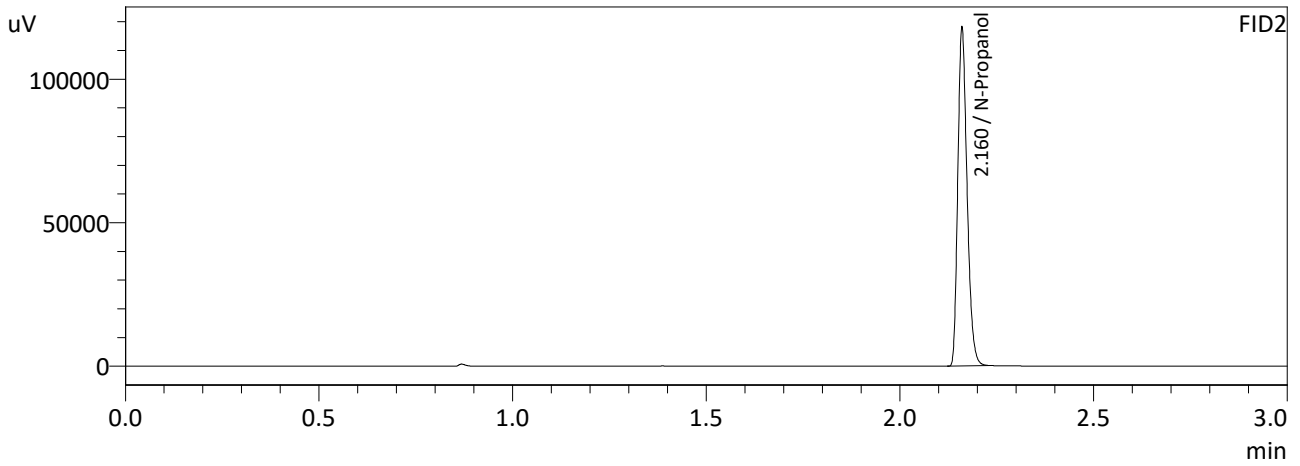
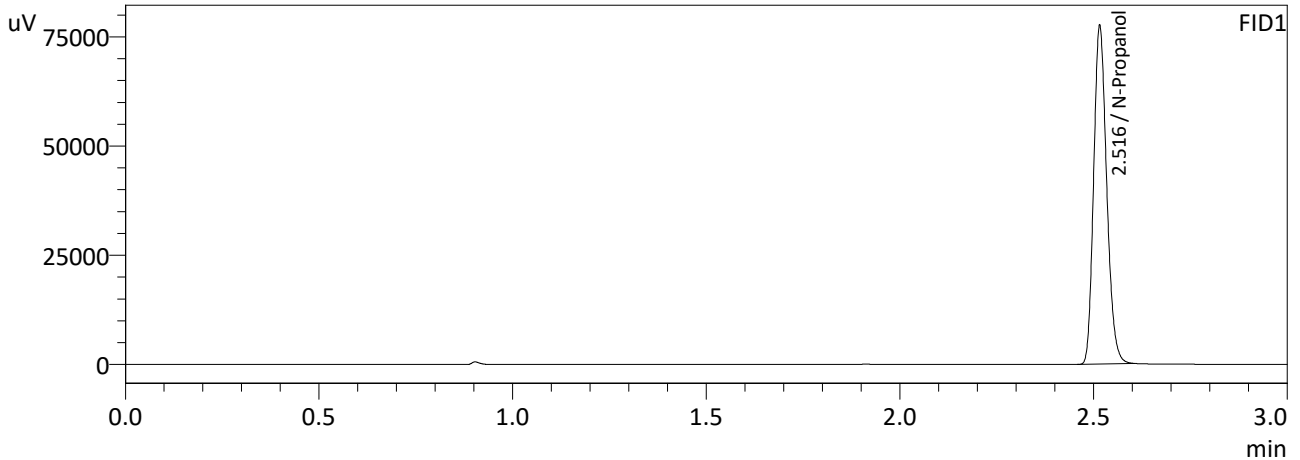
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2099	103171	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	220381	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2098	112052	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	238923	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK 1  
 Laboratory : Meridian  
 Injection Date : 1/26/2024 3:30:31 PM  
 Vial # : 1  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

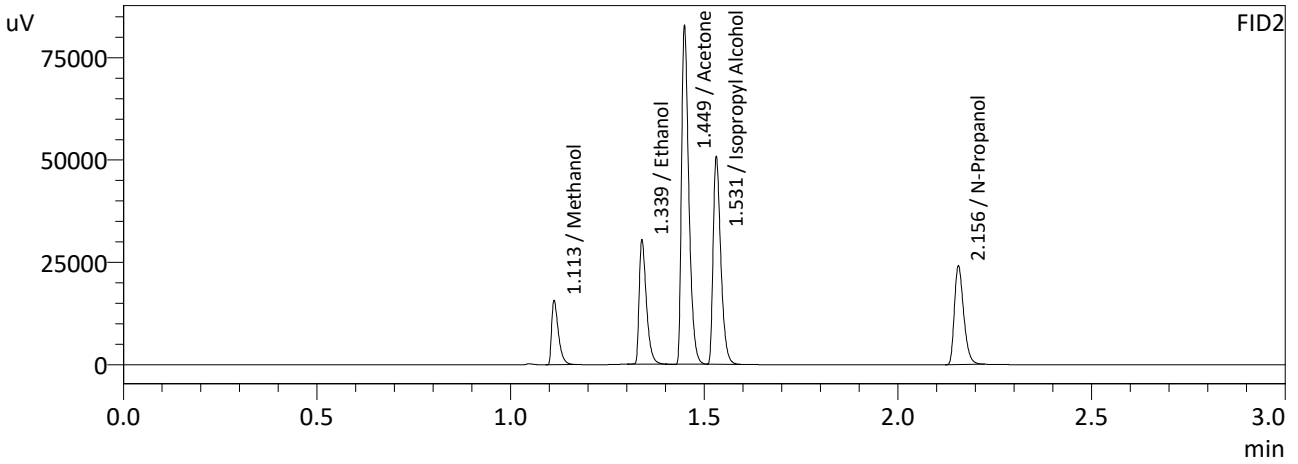
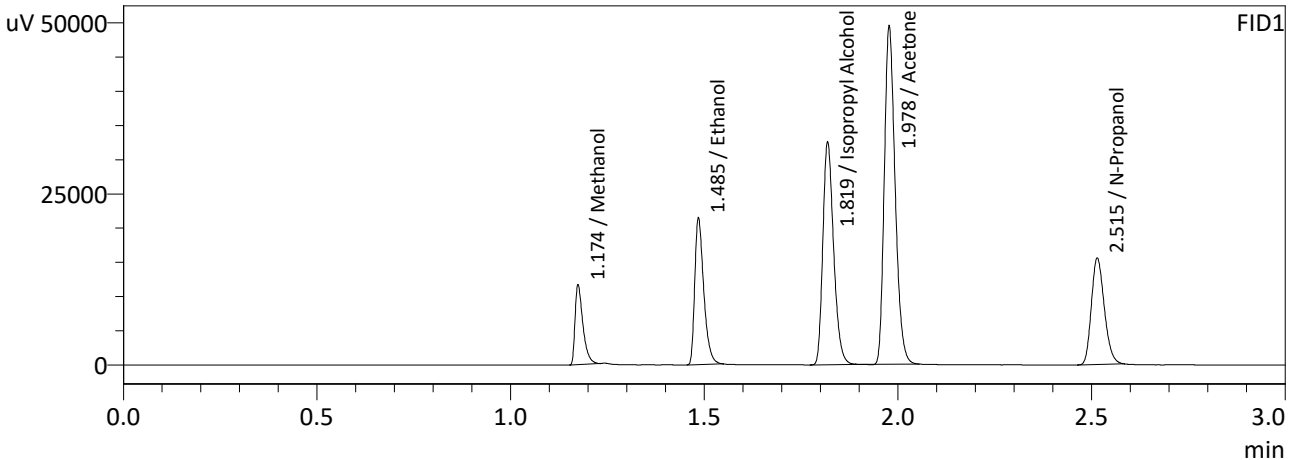
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181328	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	196012	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : MIXED VOLATILES FN 06041902  
 Laboratory : Meridian  
 Injection Date : 1/26/2024 3:37:51 PM  
 Vial # : 2  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

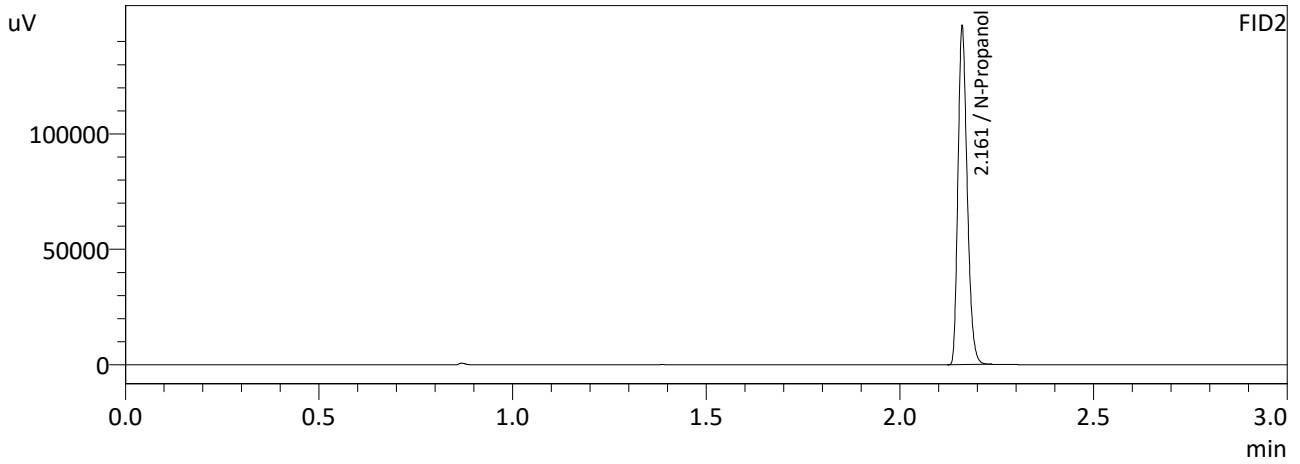
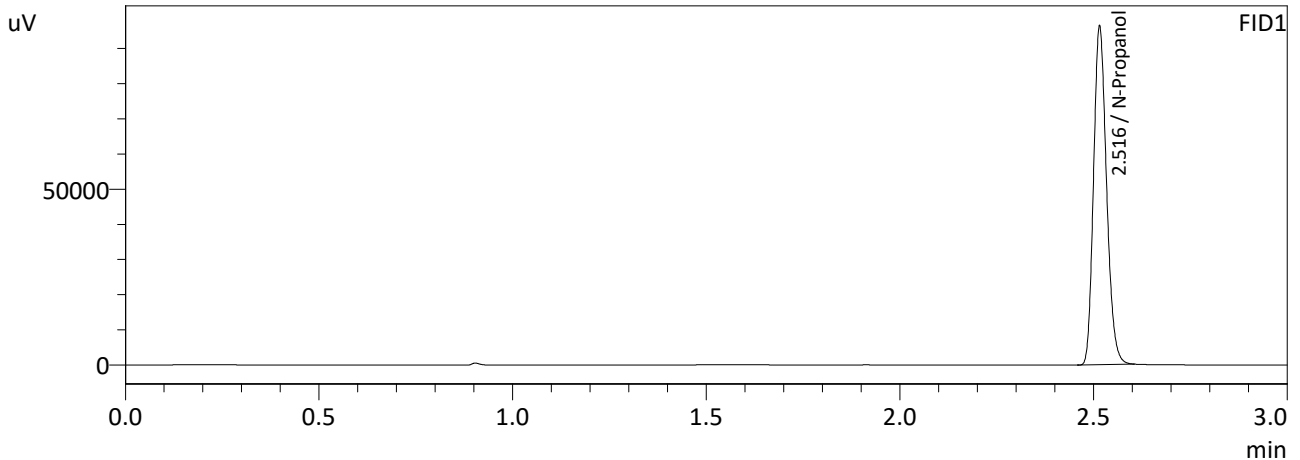
Name	Conc.	Area	Unit
Methanol	0.0000	16488	g/100cc
Ethanol	0.4279	34633	g/100cc
Isopropyl Alcohol	0.0000	62957	g/100cc
Acetone	0.0000	96090	g/100cc
N-Propanol	0.0000	36128	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	18979	g/100cc
Ethanol	0.4353	39299	g/100cc
Acetone	0.0000	108402	g/100cc
Isopropyl Alcohol	0.0000	69760	g/100cc
N-Propanol	0.0000	40126	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK 2  
 Laboratory : Meridian  
 Injection Date : 1/26/2024 10:21:14 PM  
 Vial # : 51  
 Method Filename : Default Project - ALCOHOL\_240123NB.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	224704	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	243274	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

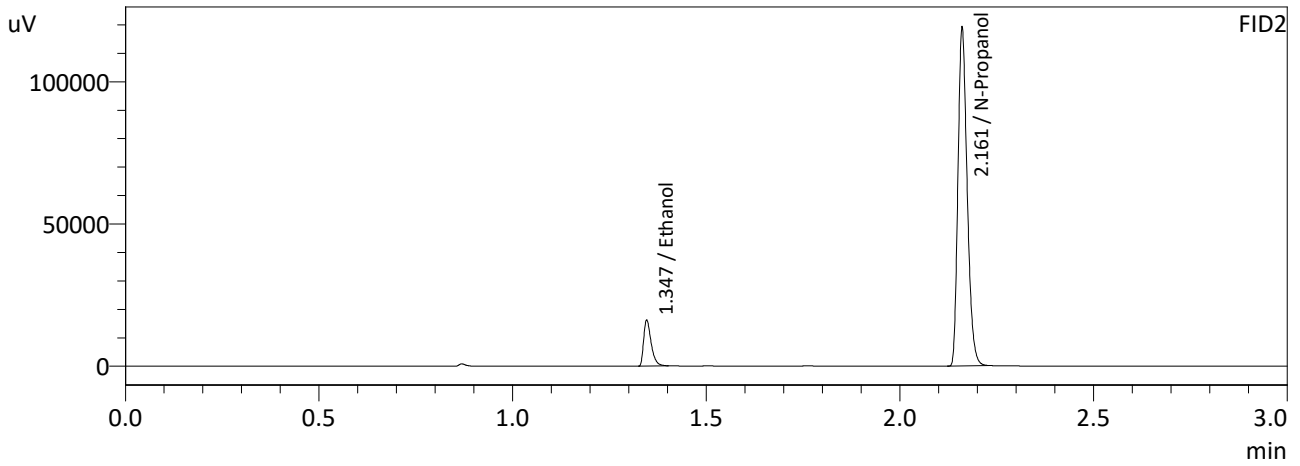
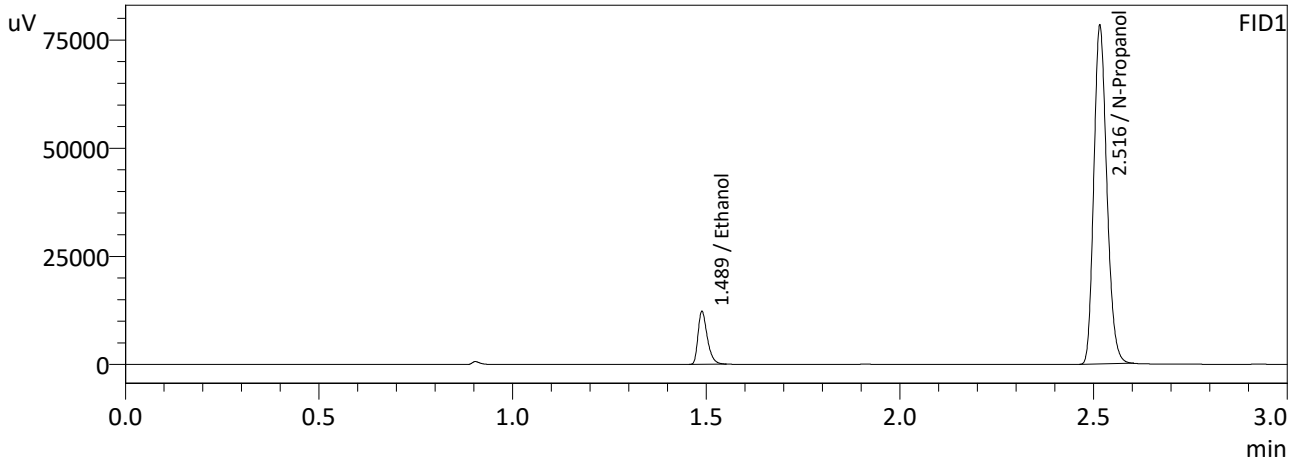
# Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548  
 Shimadzu HS-20 Serial #C12595800409  
 Lab Solutions Database Software Ver. 6.111  
 Copyright (C) 2008-2020 Shimadzu Corporation

Vial#	Sample Name	Sample Type	Level#	Method File
1	ISTD BLK 1	0:Unknown	0	ALCOHOL 240123NB.gcm
2	ED VOLATILES FN 0604	0:Unknown	1	ALCOHOL 240123NB.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 240123NB.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 240123NB.gcm
6	0.08 QA-B	0:Unknown	0	ALCOHOL 240123NB.gcm
7	M2024-0278-1	0:Unknown	0	ALCOHOL 240123NB.gcm
8	M2024-0278-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
9	M2024-0298-1	0:Unknown	0	ALCOHOL 240123NB.gcm
10	M2024-0298-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
11	M2024-0299-1	0:Unknown	0	ALCOHOL 240123NB.gcm
12	M2024-0299-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
13	M2024-0304-1	0:Unknown	0	ALCOHOL 240123NB.gcm
14	M2024-0304-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
15	M2024-0305-1	0:Unknown	0	ALCOHOL 240123NB.gcm
16	M2024-0305-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
17	M2024-0306-1	0:Unknown	0	ALCOHOL 240123NB.gcm
18	M2024-0306-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
19	M2024-0307-1	0:Unknown	0	ALCOHOL 240123NB.gcm
20	M2024-0307-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
21	M2024-0308-1	0:Unknown	0	ALCOHOL 240123NB.gcm
22	M2024-0308-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
23	M2024-0309-1	0:Unknown	0	ALCOHOL 240123NB.gcm
24	M2024-0309-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 240123NB.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
27	M2024-0310-1	0:Unknown	0	ALCOHOL 240123NB.gcm
28	M2024-0310-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
29	M2024-0311-1	0:Unknown	0	ALCOHOL 240123NB.gcm
30	M2024-0311-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
31	M2024-0352-1	0:Unknown	0	ALCOHOL 240123NB.gcm
32	M2024-0352-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
33	M2024-0356-1	0:Unknown	0	ALCOHOL 240123NB.gcm
34	M2024-0356-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
35	M2024-0357-1	0:Unknown	0	ALCOHOL 240123NB.gcm
36	M2024-0357-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
37	M2024-0369-1	0:Unknown	0	ALCOHOL 240123NB.gcm
38	M2024-0369-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
39	M2024-0370-1	0:Unknown	0	ALCOHOL 240123NB.gcm
40	M2024-0370-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
41	M2024-0371-1	0:Unknown	0	ALCOHOL 240123NB.gcm
42	M2024-0371-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
43	M2024-0380-1	0:Unknown	0	ALCOHOL 240123NB.gcm
44	M2024-0380-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
45	M2024-0391-1	0:Unknown	0	ALCOHOL 240123NB.gcm
46	M2024-0391-1-B	0:Unknown	0	ALCOHOL 240123NB.gcm
47	QC-1-2	0:Unknown	0	ALCOHOL 240123NB.gcm
48	QC-1-2-B	0:Unknown	0	ALCOHOL 240123NB.gcm
49	QC-2-2	0:Unknown	0	ALCOHOL 240123NB.gcm
50	QC-2-2-B	0:Unknown	0	ALCOHOL 240123NB.gcm
51	ISTD BLK 2	0:Unknown	0	ALCOHOL 240123NB.gcm

NB

Sample Name : 0.050  
 Laboratory : Meridian  
 Injection Date : 1/23/2024 2:24:00 PM  
 Vial # : 1  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

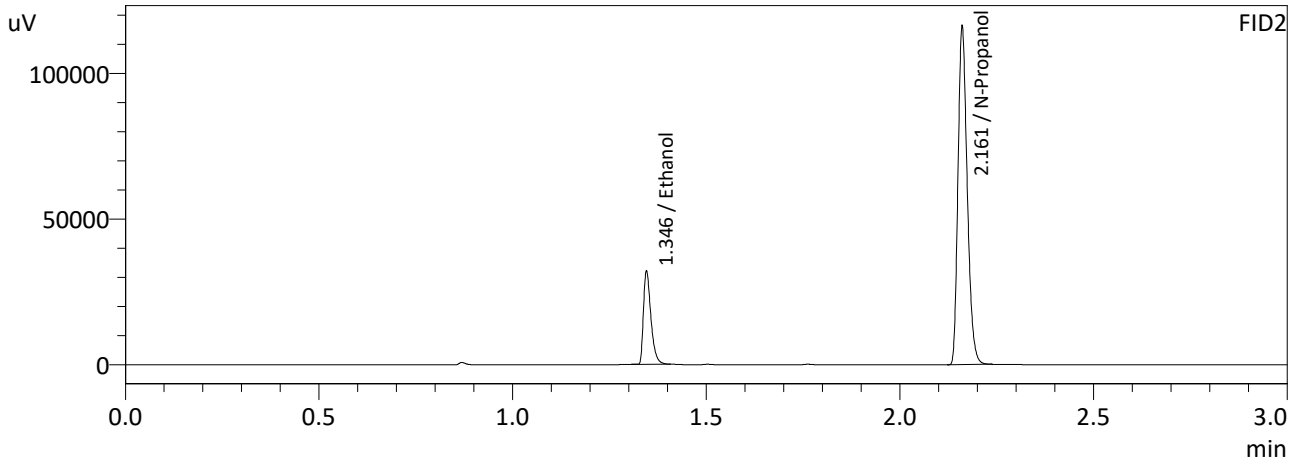
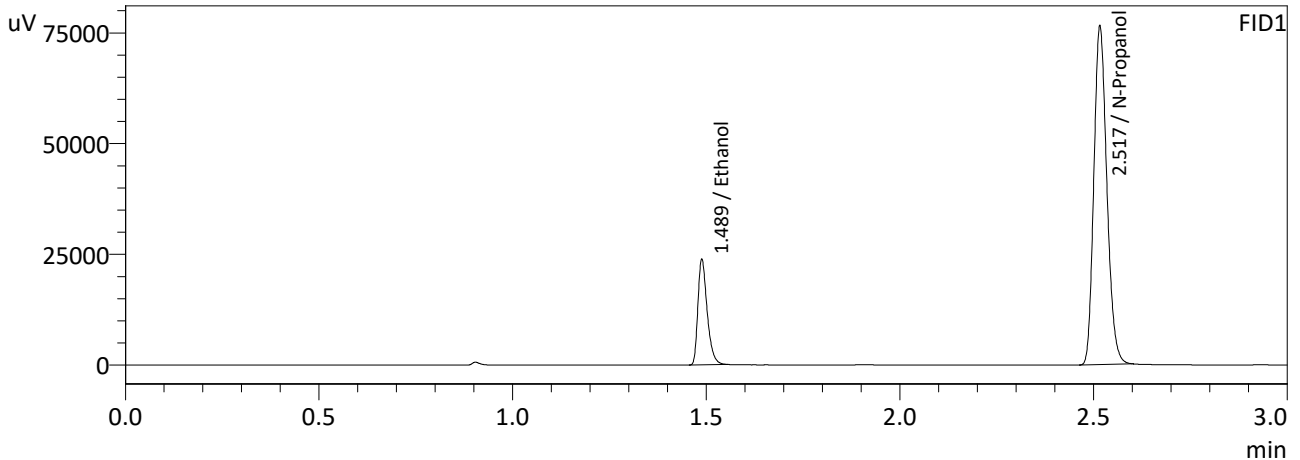
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0511	20328	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182945	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0511	21654	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	197326	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.100  
 Laboratory : Meridian  
 Injection Date : 1/23/2024 2:31:19 PM  
 Vial # : 2  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1001	39562	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	178721	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

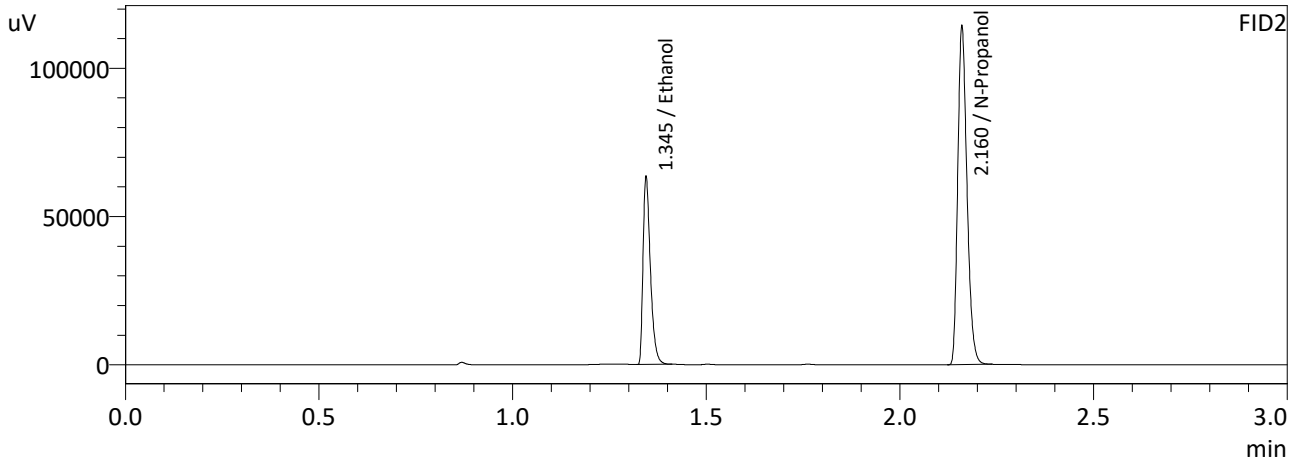
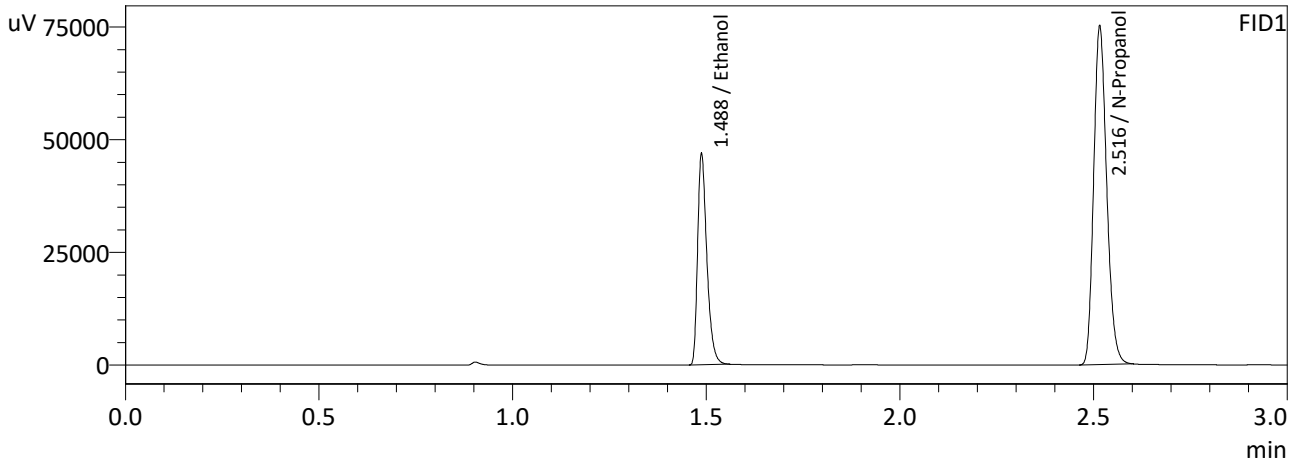
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1007	42841	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	192949	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB



Sample Name : 0.200  
 Laboratory : Meridian  
 Injection Date : 1/23/2024 2:38:43 PM  
 Vial # : 3  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

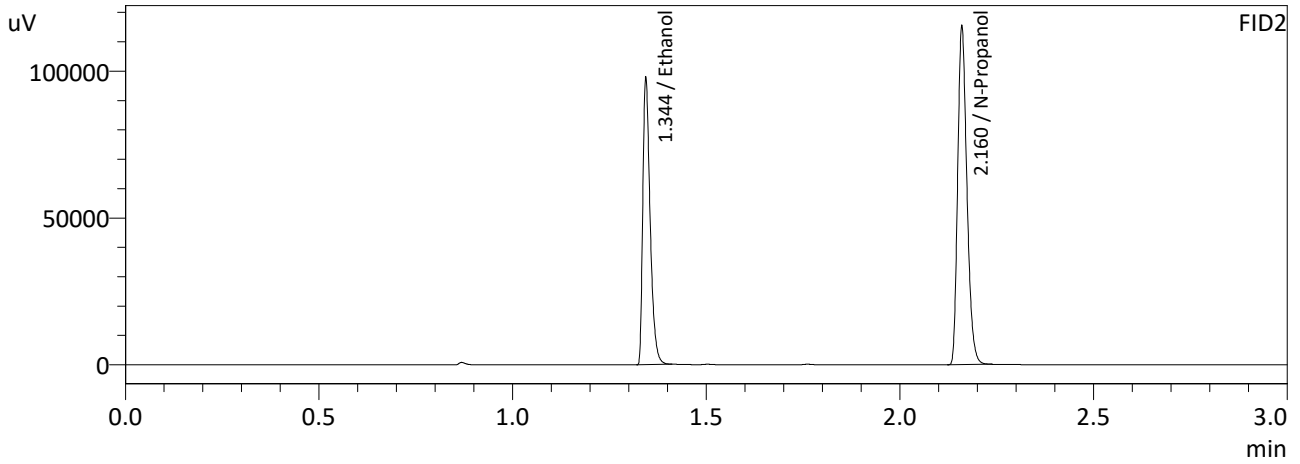
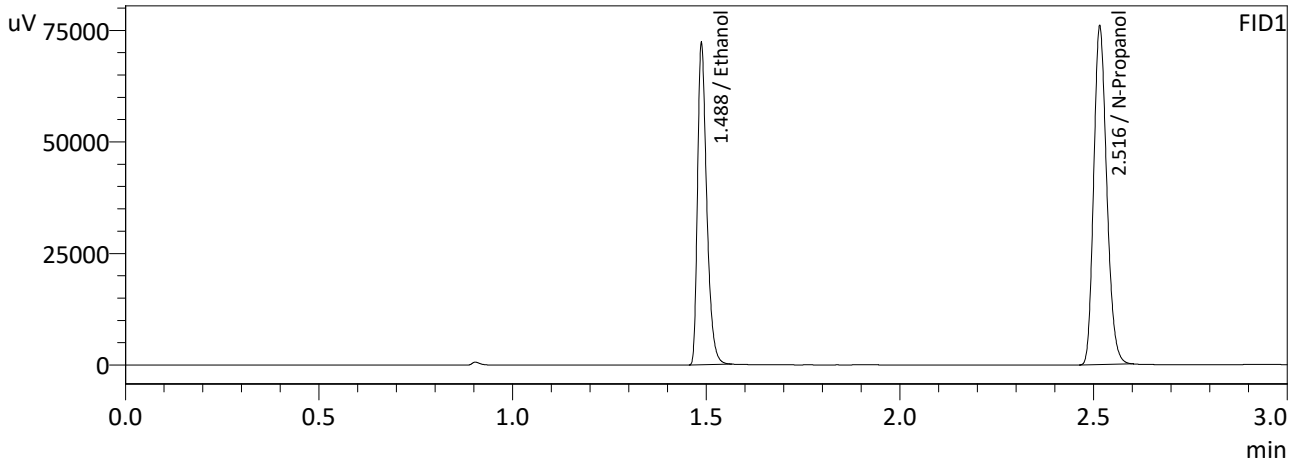
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1979	77552	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	175718	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1975	83633	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	189610	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.300  
 Laboratory : Meridian  
 Injection Date : 1/23/2024 2:47:29 PM  
 Vial # : 4  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

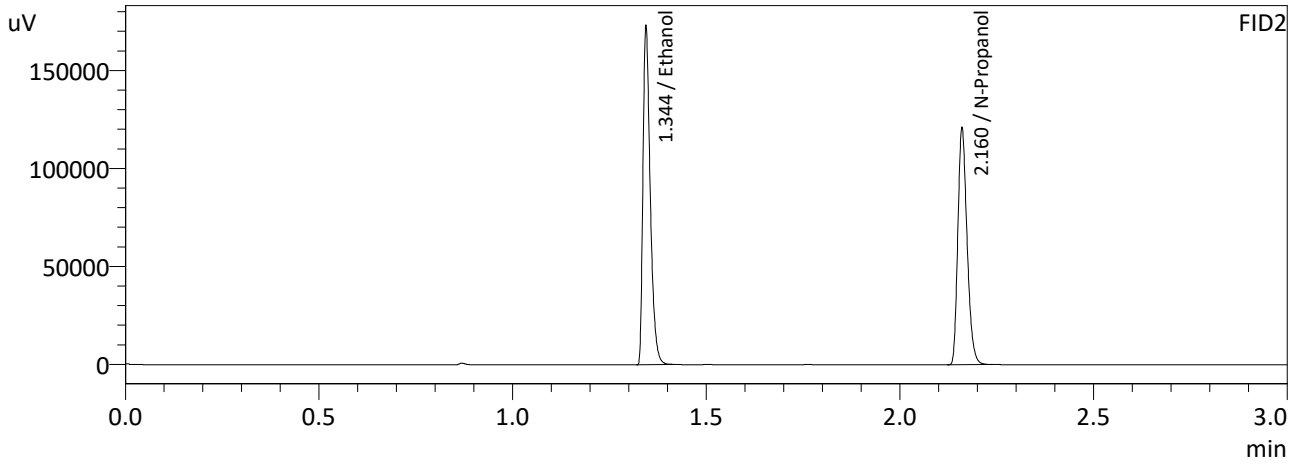
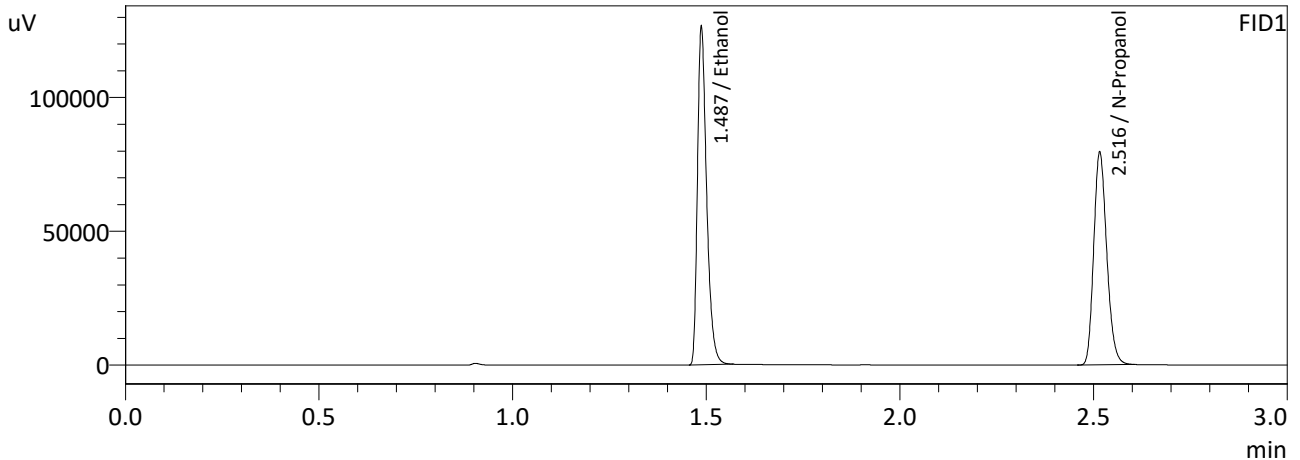
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2999	118989	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	177402	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2996	128534	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	191216	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.500  
 Laboratory : Meridian  
 Injection Date : 1/23/2024 2:56:08 PM  
 Vial # : 5  
 Method Filename : Default Project - ALCOHOL\_240123NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

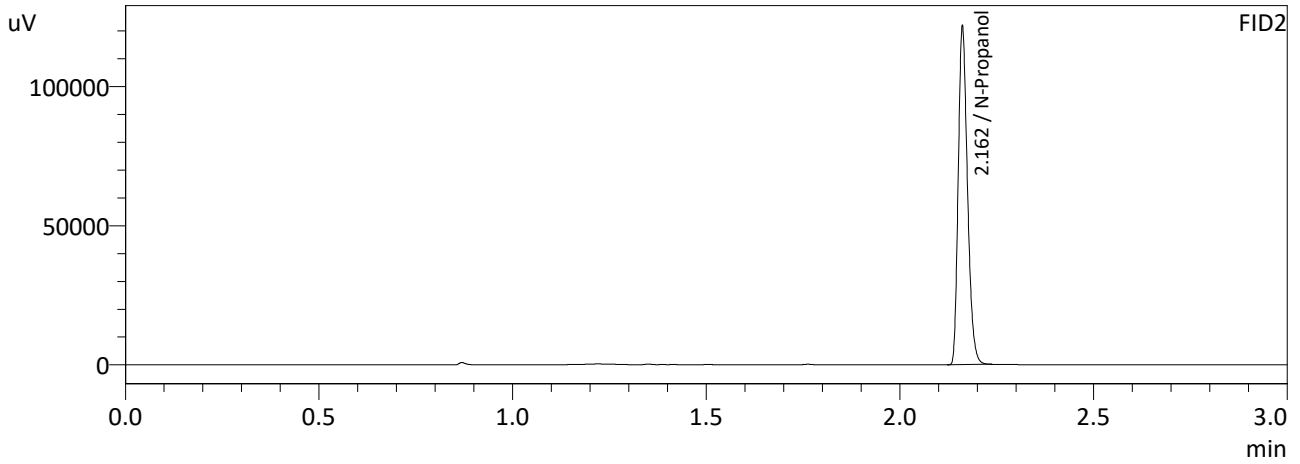
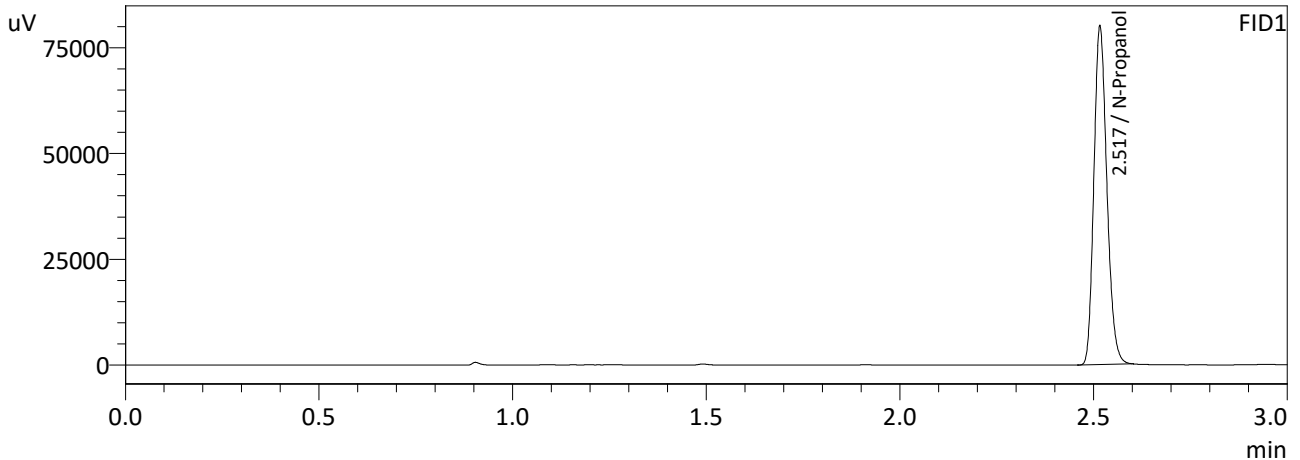
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5006	208343	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	185664	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5009	226044	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200392	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLK  
 Laboratory : Meridian  
 Injection Date : 1/23/2024 3:03:34 PM  
 Vial # : 6  
 Method Filename : Default Project - ALCOHOL\_240123NB.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	186556	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

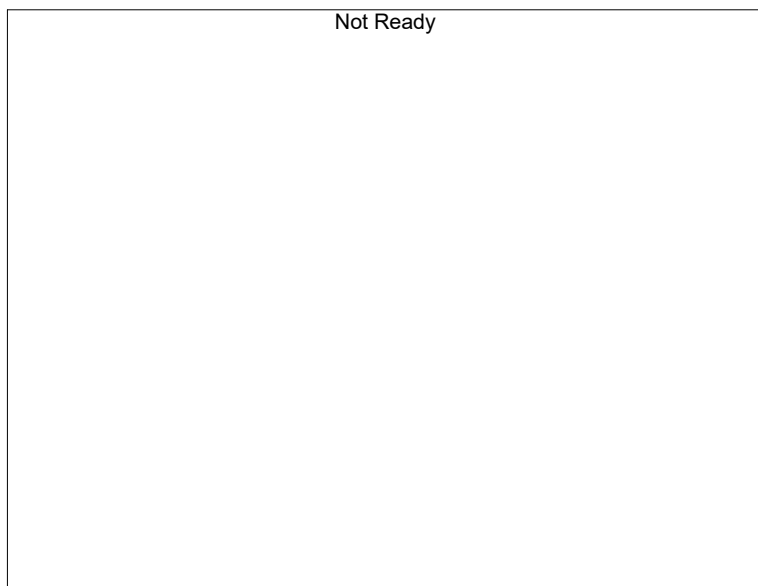
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	201937	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

# Calibration Table

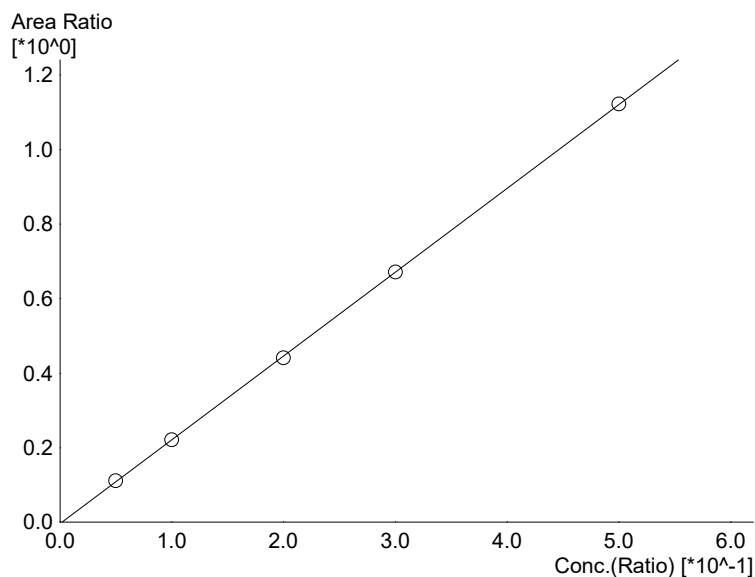
Laboratory : MERIDIAN  
 Instrument Name : GC-BAC  
 Instrument Serial # : C12595800409 / C12255750548

<<Method File>>  
 Method File : Default Project - ALCOHOL\_240123NB.gcm  
 Date Created : 1/23/2024 8:06:23 AM  
 Date Modified : 1/23/2024 3:32:11 PM



Name : Methanol  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

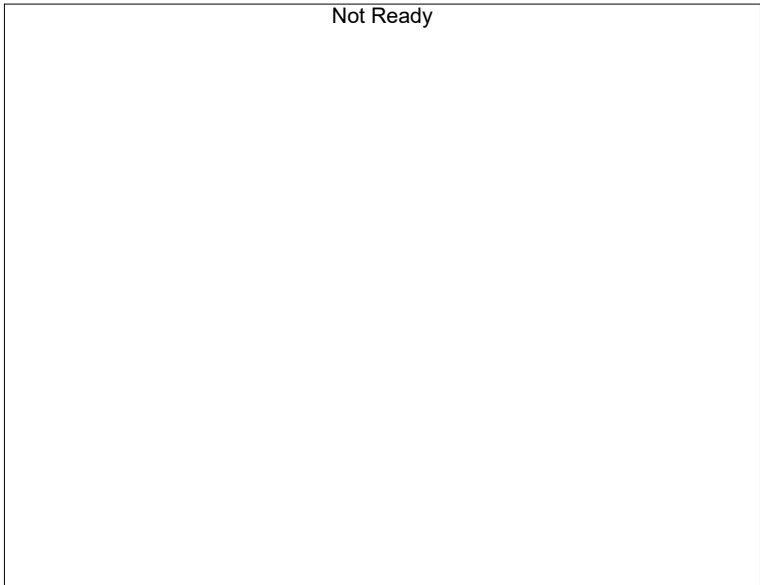
#	Conc.	Area	Std. Conc.
---	-------	------	------------



Name : Ethanol  
 Detector Name: FID1  
 Function :  $f(x)=2.24933*x-0.00400589$   
 R<sup>2</sup> value= 0.9999539  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	20328	0.0511
2	0.100	39562	0.1001
3	0.200	77552	0.1979
4	0.300	118989	0.2999
5	0.500	208343	0.5006

NB



Name : Isopropyl Alcohol  
Detector Name: FID1  
Function :  $f(x)=0*x+0$   
R<sup>2</sup> value= 0  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
---	-------	------	------------



Name : Acetone  
Detector Name: FID1  
Function :  $f(x)=0*x+0$   
R<sup>2</sup> 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<sup>2</sup> value= 0  
FitType: Linear  
ZeroThrough: Not Through

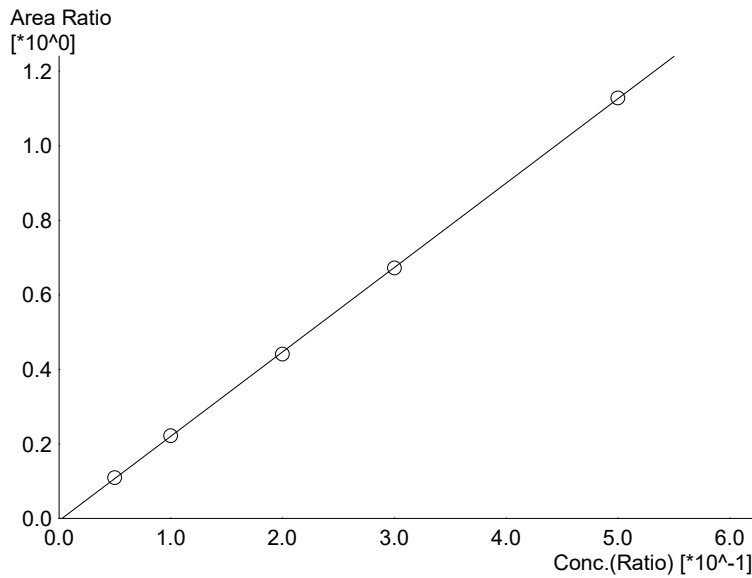
#	Conc.	Area	Std. Conc.
---	-------	------	------------

NB



Name : Methanol  
 Detector Name: FID2  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
---	-------	------	------------



Name : Ethanol  
 Detector Name: FID2  
 Function :  $f(x)=2.26380*x-0.00606423$   
 R<sup>2</sup> value= 0.9999286  
 FitType: Linear  
 ZeroThrough: Not Through

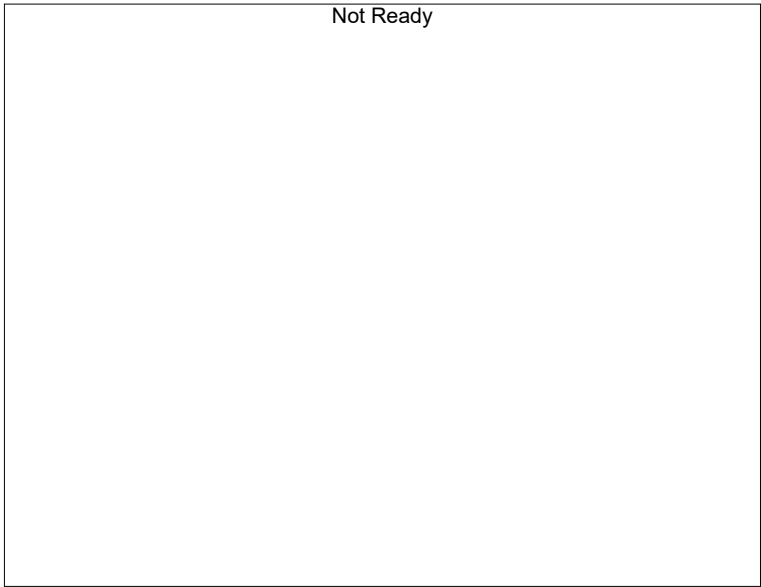
#	Conc.	Area	Std. Conc.
1	0.050	21654	0.0511
2	0.100	42841	0.1007
3	0.200	83633	0.1975
4	0.300	128534	0.2996
5	0.500	226044	0.5009



Name : Acetone  
 Detector Name: FID2  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

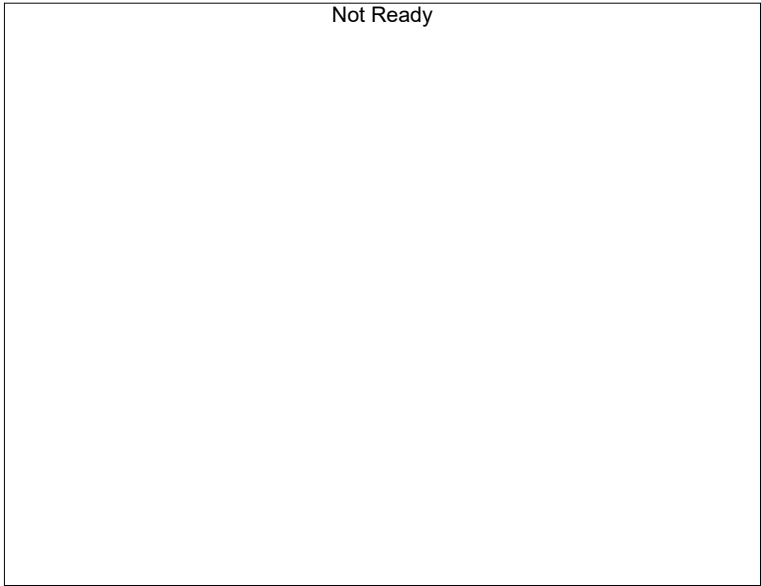
#	Conc.	Area	Std. Conc.
---	-------	------	------------

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



# Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548  
Shimadzu HS-20 Serial #C12595800409  
Lab Solutions Database Software Ver. 6.111  
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Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL 240123NB.gcm
2	0.100	1:Standard	2	ALCOHOL 240123NB.gcm
3	0.200	1:Standard	3	ALCOHOL 240123NB.gcm
4	0.300	1:Standard	4	ALCOHOL 240123NB.gcm
5	0.500	1:Standard	5	ALCOHOL 240123NB.gcm
6	INT STD BLK	0:Unknown	0	ALCOHOL 240123NB.gcm

NB