




















REVIEWED

By Galina Giso at 10:56 am, Sep 08, 2023

9/8/2023

Worklist: 6490

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-3716	1	BCK	Alcohol Analysis	
M2023-3717	1	BCK	Alcohol Analysis	
M2023-3718	1	BCK	Alcohol Analysis	
M2023-3719	1	BCK	Alcohol Analysis	
M2023-3722	2	BCK	Alcohol Analysis	
M2023-3733	1	BCK	Alcohol Analysis	
M2023-3735	1	BCK	Alcohol Analysis	
M2023-3736	1	BCK	Alcohol Analysis	
M2023-3749	1	BCK	Alcohol Analysis	
M2023-3776	2	BCK	Alcohol Analysis	
M2023-3779	1	BCK	Alcohol Analysis	
M2023-3780	1	BCK	Alcohol Analysis	
M2023-3785	1	BCK	Alcohol Analysis	
M2023-3804	1	BCK	Alcohol Analysis	
M2023-3808	1	BCK	Alcohol Analysis	
M2023-3813	2	BCK	Alcohol Analysis	
M2023-3838	1	BCK	Alcohol Analysis	
M2023-3839	1	BCK	Alcohol Analysis	
M2023-3840	1	BCK	Alcohol Analysis	

NB

REVIEWED

By Galina Giso at 10:56 am, Sep 08, 2023

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): 9/7/23****Calibration Date: 8/28/23****Worklist #: 6490**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727-0.0889	0.0808 g/100cc	
					0.0846 g/100cc	
					g/100cc	
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2056 g/100cc	
					0.2085 g/100cc	
					g/100cc	
Multi-Component mixture:		Exp:	Oct. 2024	Lot #	FN06041902	
Curve Fit:			Column 1	0.99945	Column2	0.99939

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0541	0.0543	0.0002	0.0542
100	0.100	0.090 - 0.110	0.1009	0.1011	0.0002	0.101
200	0.200	0.180 - 0.220	0.1940	0.1937	0.0003	0.1938
300	0.300	0.270 - 0.330	0.2976	0.2972	0.0004	0.2974
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5032	0.5034	0.0002	0.5033

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.083 g/100cc

NB

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

Internal Standard Monitoring Worksheet

Worklist #:	6490	Run Date(s):	9/7/23
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Internal Standard Solution:	Prep Date: 6/6/2023	Exp Date: 12/6/2023
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Sample Name	Column 1 Value	Column 2 Value
0.080	197542	213864
0.080	193473	209420
QC1	197718	213895
QC1	198545	214855
QC1	231656	251448
QC1	231818	251417
QC1		
QC1		
QC2	211416	229312
QC2	219280	238001
QC2	232537	251747
QC2	247802	268801
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	216178.7	172943.0	259414.4
Column 2	234276.0	187420.8	281131.2

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA			Analysis Date(s): 9/7/2023 2:54:06 PM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0835	0.0831	0.0004	0.0833	0.0002	0.0832
(g/100cc)	0.0833	0.0830	0.0003	0.0831		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_230828NB.GCM.gcm

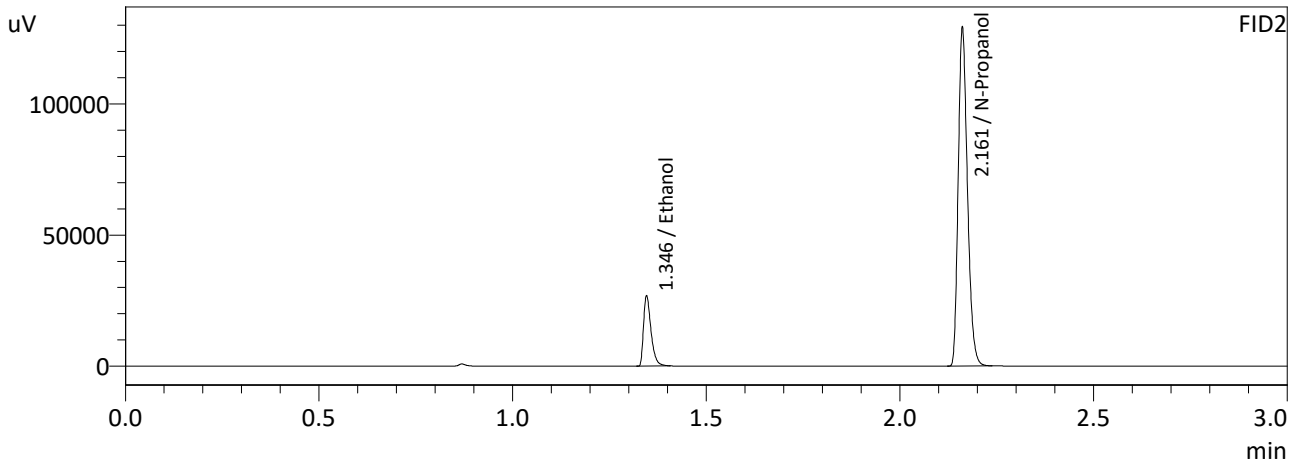
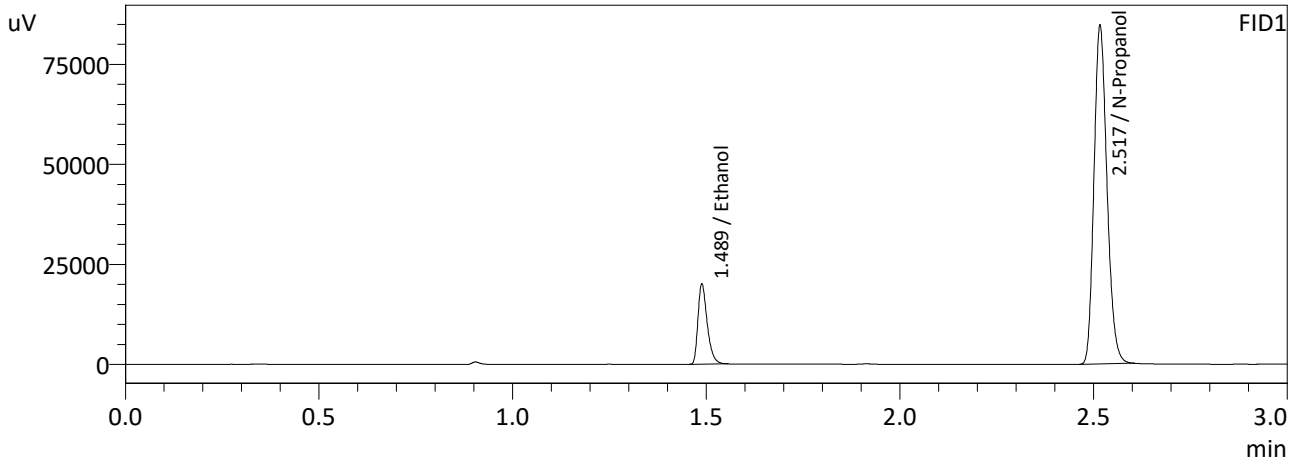
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

Reported Results	
0.083	

Calibration and control data are stored centrally.

NB

Sample Name : 0.08 QA
 Laboratory : Meridian
 Injection Date : 9/7/2023 2:54:06 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

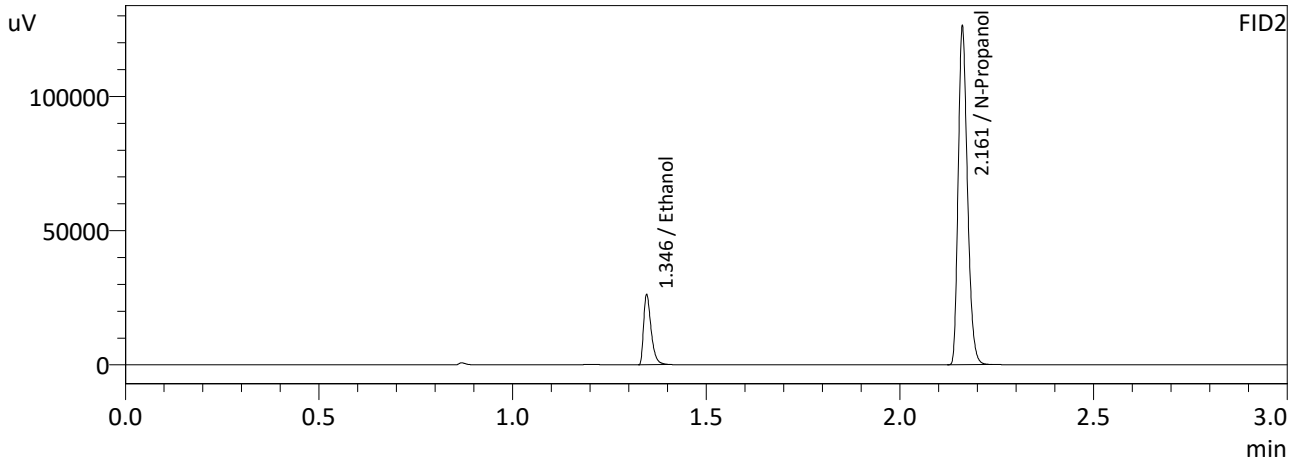
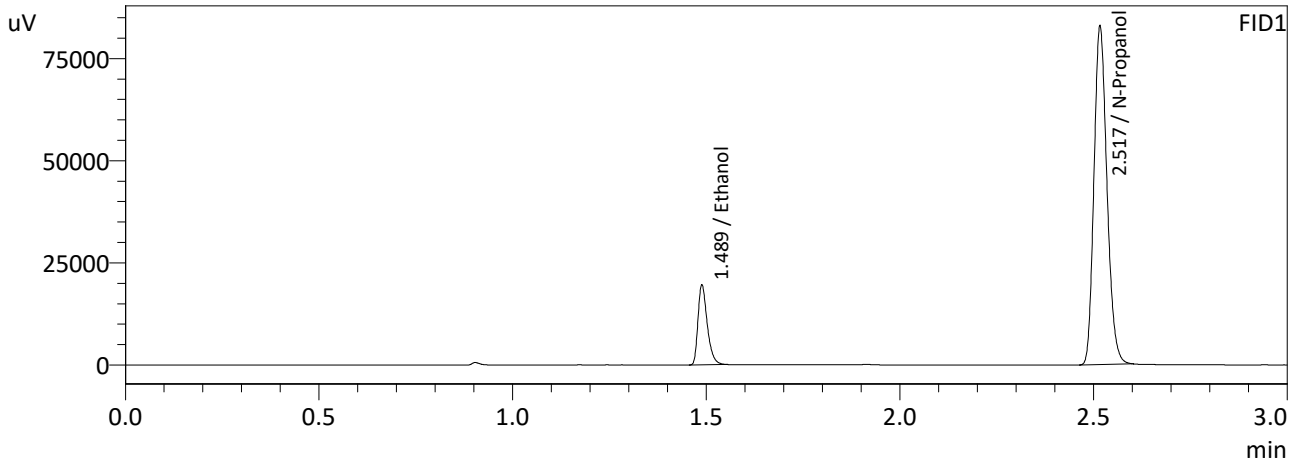
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0835	33346	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	197542	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0831	35894	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	213864	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.08 QA-B
 Laboratory : Meridian
 Injection Date : 9/7/2023 3:01:34 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0833	32592	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	193473	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0830	35091	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	209420	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1		Analysis Date(s): 9/7/2023 2:36:42 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0807	0.0803	0.0004	0.0805	0.0006	0.0808
(g/100cc)	0.0813	0.0810	0.0003	0.0811		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_230828NB.GCM.gcm

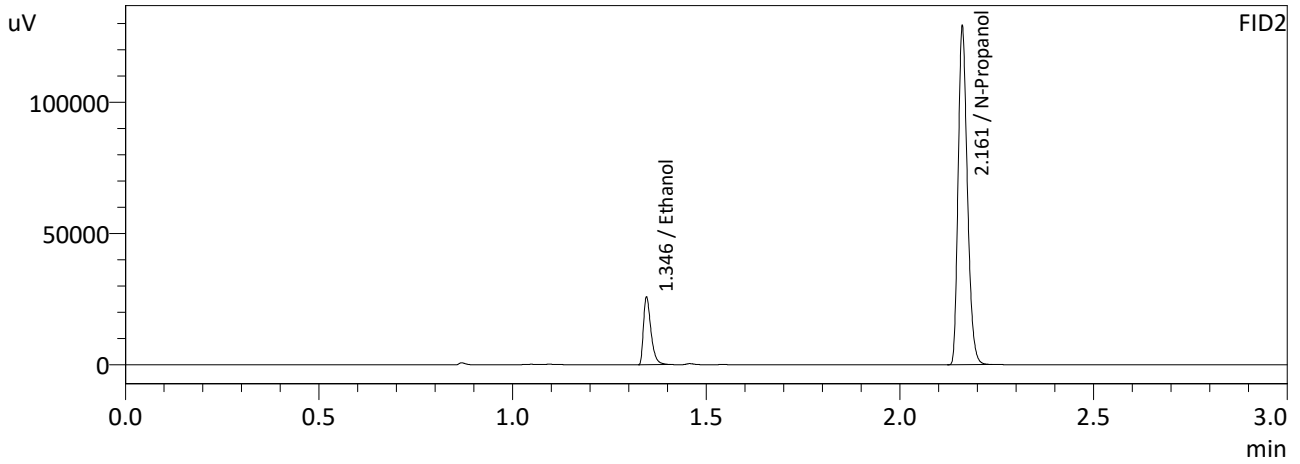
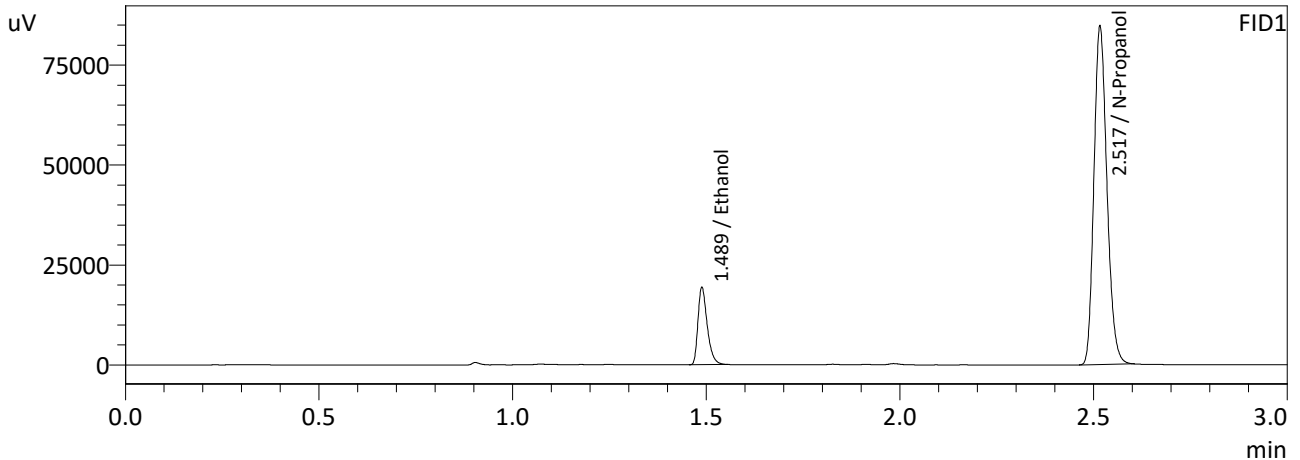
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

Reported Results	
0.080	

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-1
 Laboratory : Meridian
 Injection Date : 9/7/2023 2:36:42 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

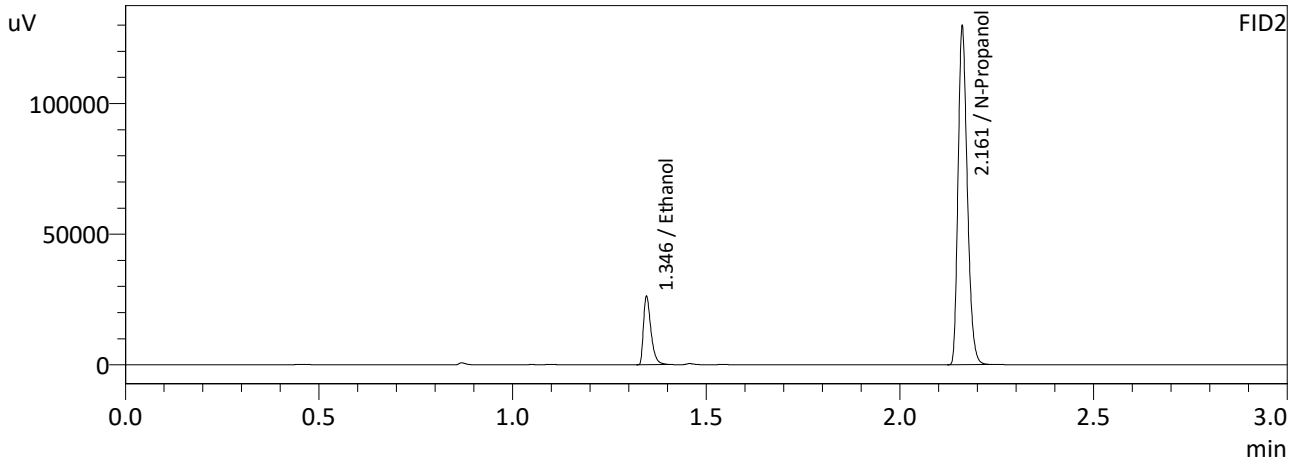
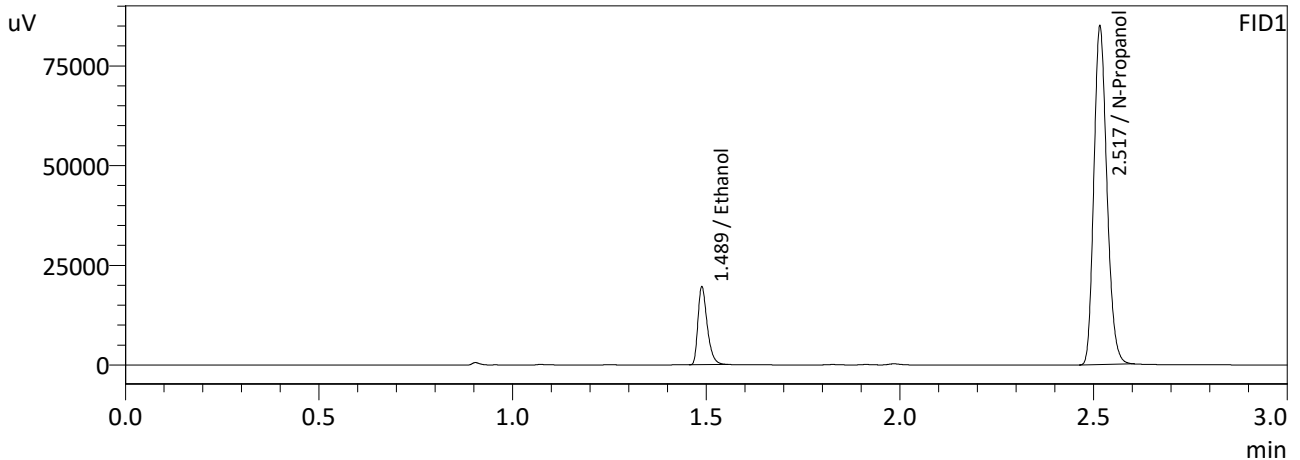
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0807	32206	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	197718	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0803	34568	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	213895	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-1-B
 Laboratory : Meridian
 Injection Date : 9/7/2023 2:45:36 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0813	32583	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	198545	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0810	35065	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	214855	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2			Analysis Date(s): 9/7/2023 8:37:43 PM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0848	0.0847	0.0001	0.0847	0.0003	0.0846
(g/100cc)	0.0844	0.0845	0.0001	0.0844		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

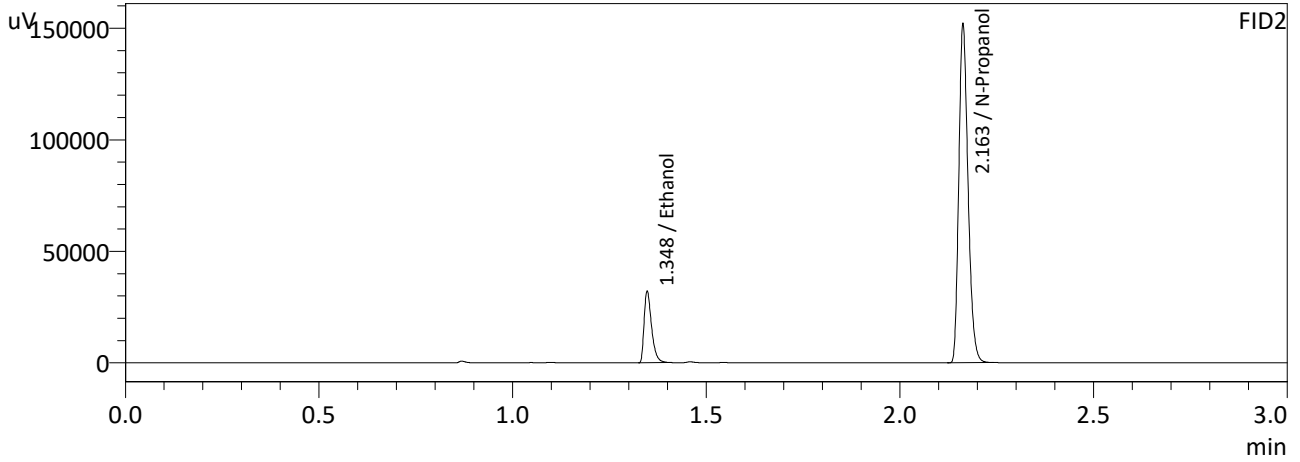
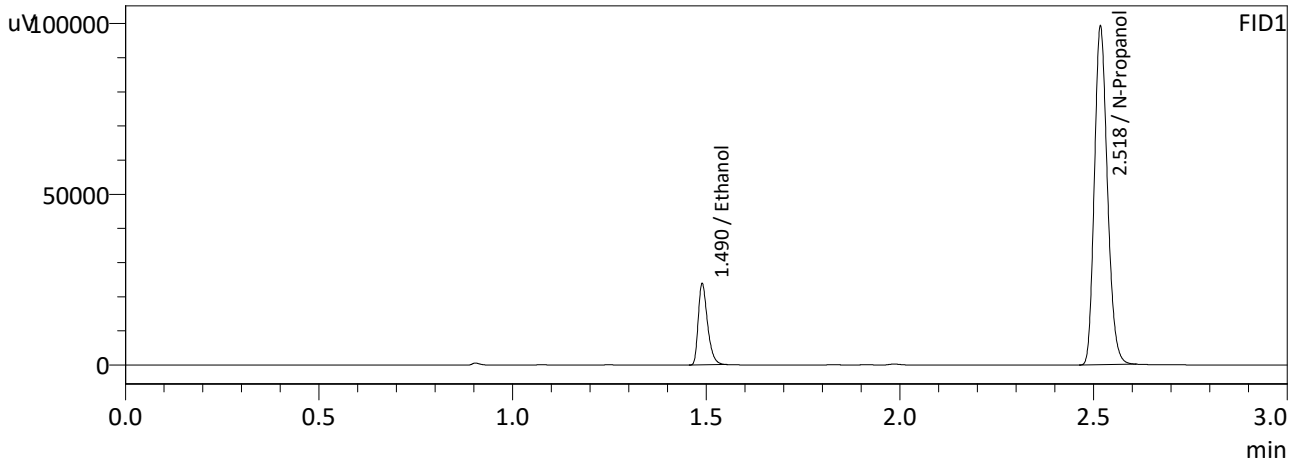
Refer To Instrument Method: ALCOHOL_230828NB.GCM.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.084	0.079	0.089	0.005
	Reported Results		
	0.084		

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-2
 Laboratory : Meridian
 Injection Date : 9/7/2023 8:37:43 PM
 Vial # : 47
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

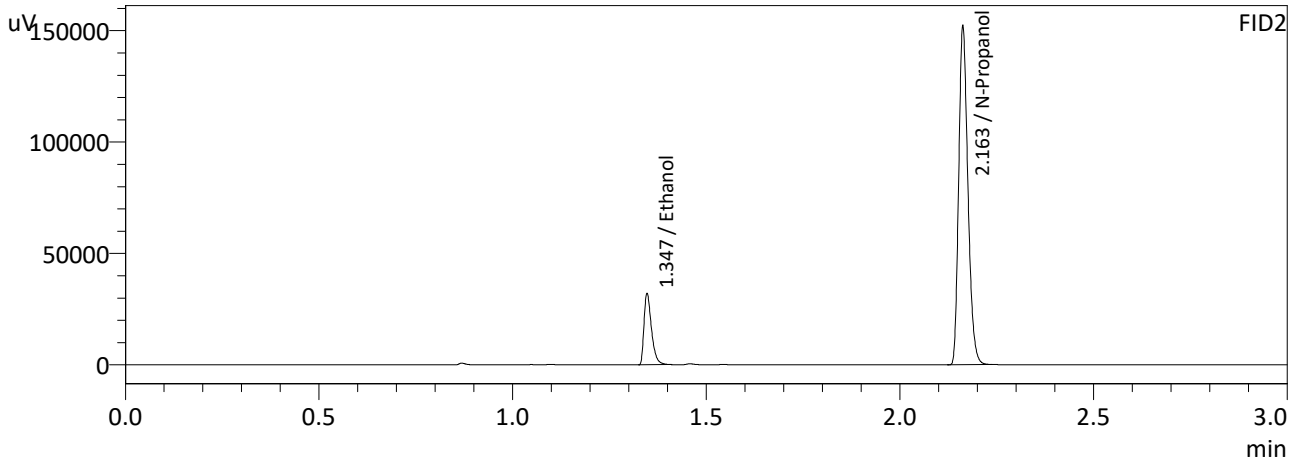
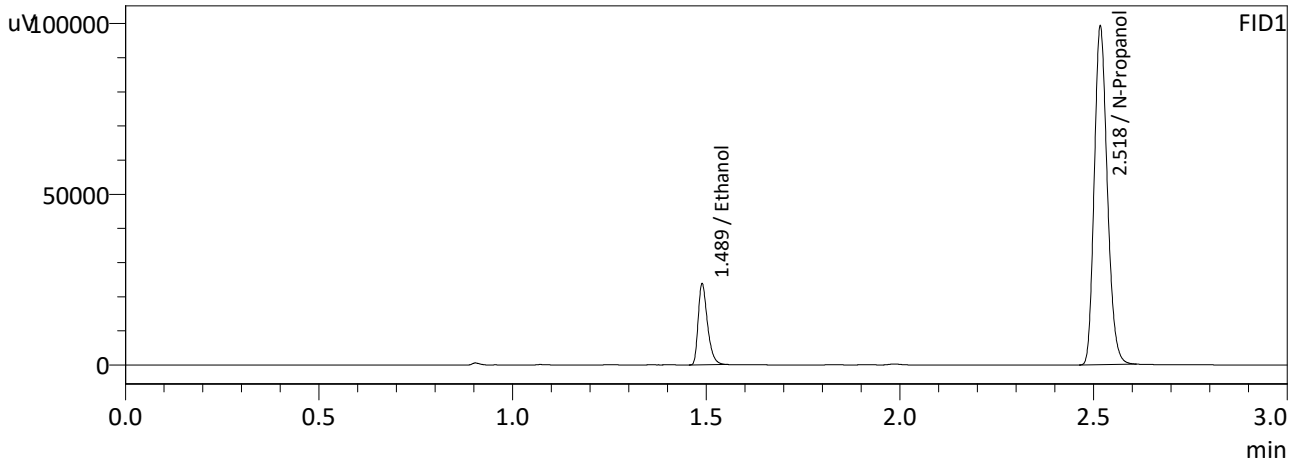
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0848	39761	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	231656	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0847	43054	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	251448	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-2-B
 Laboratory : Meridian
 Injection Date : 9/7/2023 8:46:37 PM
 Vial # : 48
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0844	39591	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	231818	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0845	42933	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	251417	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 9/7/2023 5:37:13 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2040	0.2037	0.0003	0.2038	0.0036	0.2056
(g/100cc)	0.2076	0.2073	0.0003	0.2074		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_230828NB.GCM.gcm

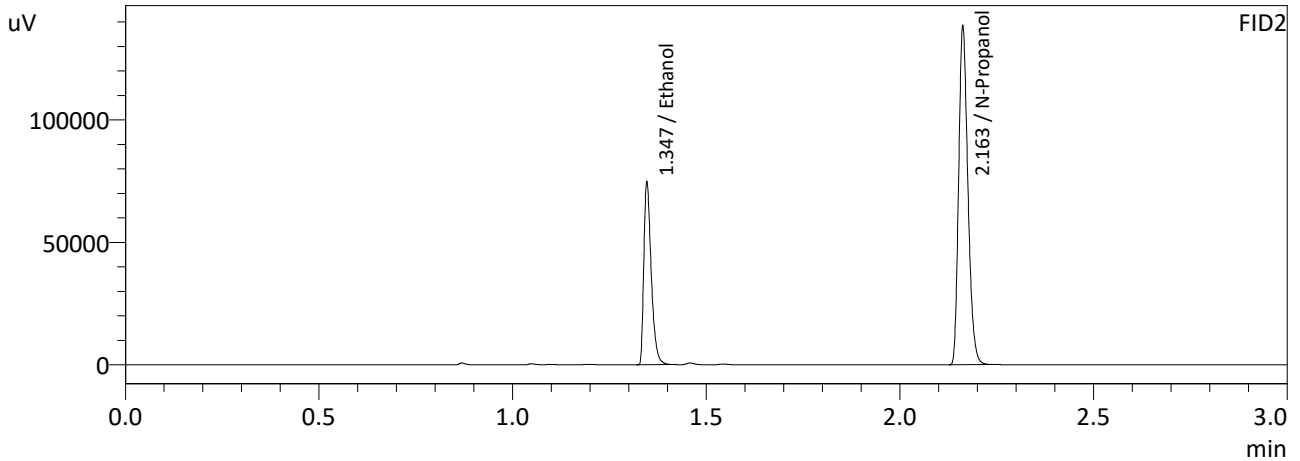
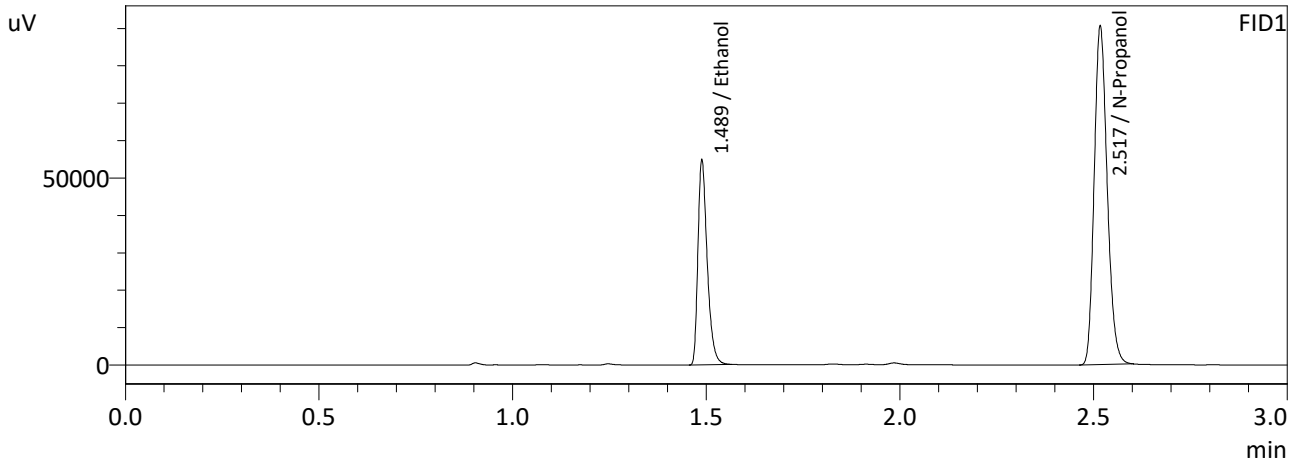
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.205	0.194	0.216	0.011

Reported Results	
0.205	

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-1
 Laboratory : Meridian
 Injection Date : 9/7/2023 5:37:13 PM
 Vial # : 25
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

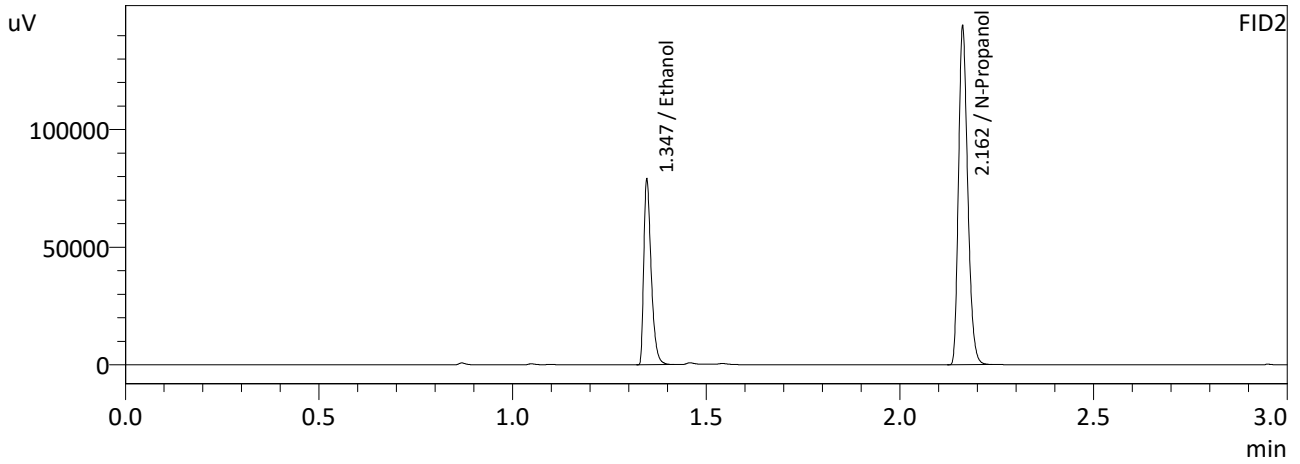
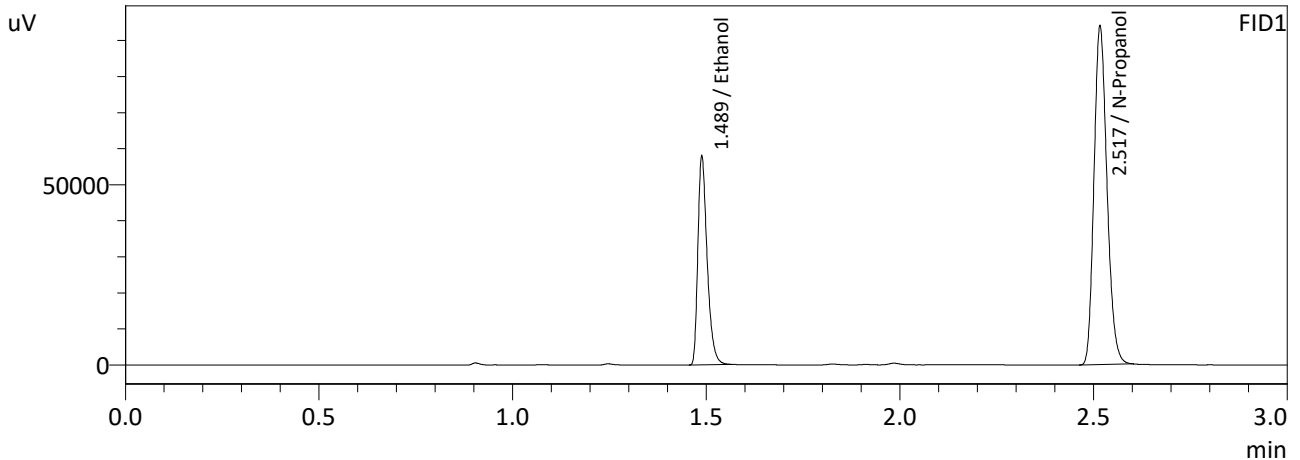
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2040	91131	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	211416	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2037	98899	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	229312	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-1-B
 Laboratory : Meridian
 Injection Date : 9/7/2023 5:45:04 PM
 Vial # : 26
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2076	96238	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	219280	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2073	104558	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	238001	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2		Analysis Date(s): 9/7/2023 8:53:56 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2072	0.2074	0.0002	0.2073	0.0025	0.2085
(g/100cc)	0.2098	0.2098	0.0000	0.2098		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_230828NB.GCM.gcm

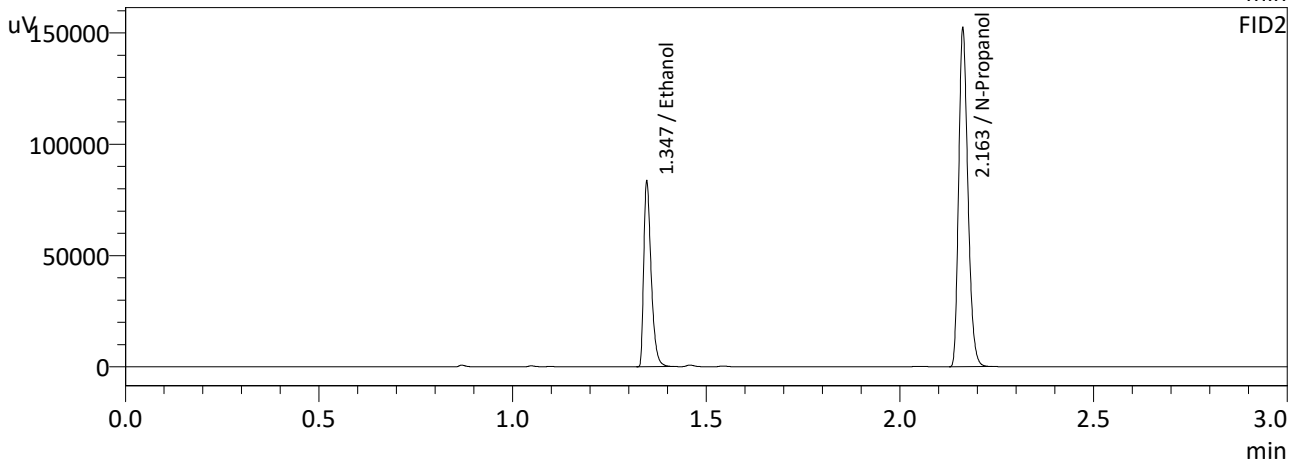
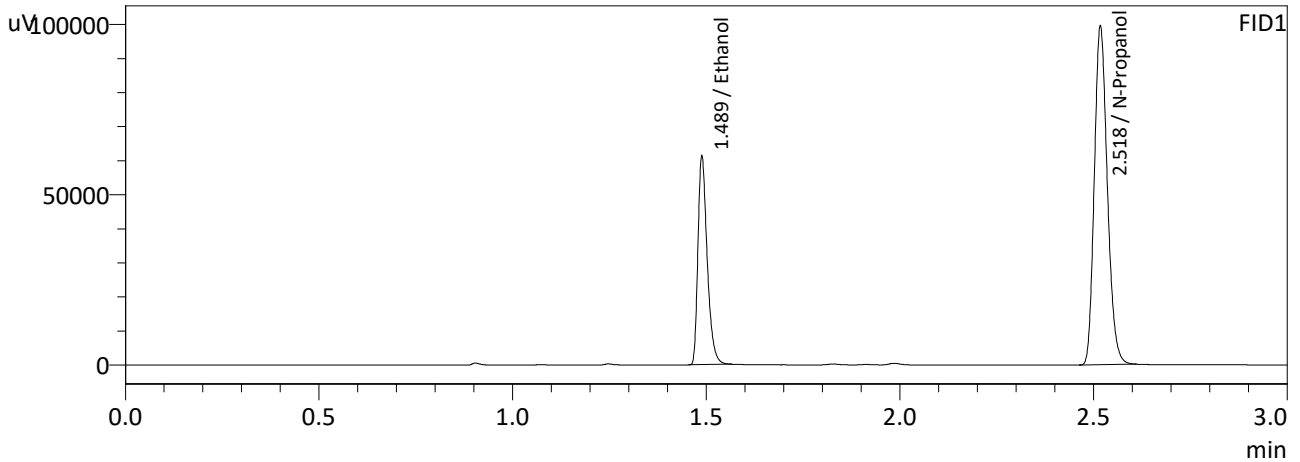
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.208	0.197	0.219	0.011

Reported Results	
0.208	

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-2
 Laboratory : Meridian
 Injection Date : 9/7/2023 8:53:56 PM
 Vial # : 49
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

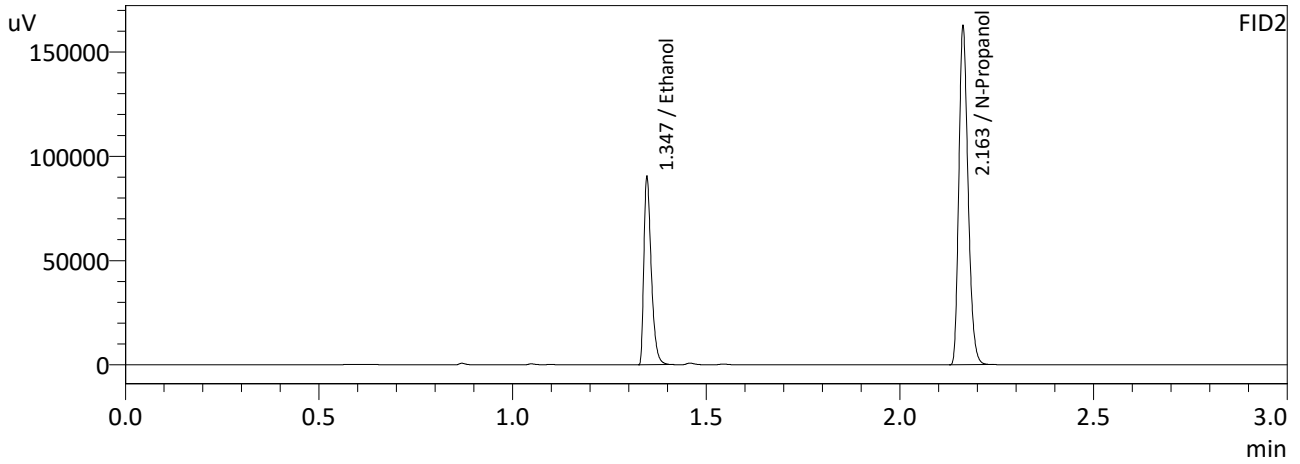
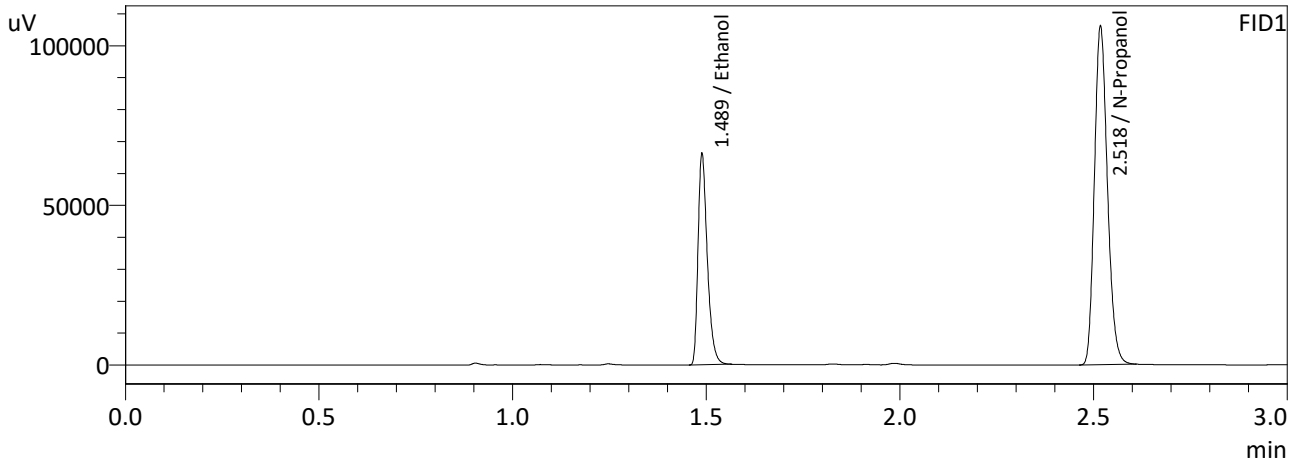
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2072	101871	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	232537	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2074	110623	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	251747	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-2-B
 Laboratory : Meridian
 Injection Date : 9/7/2023 9:02:40 PM
 Vial # : 50
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

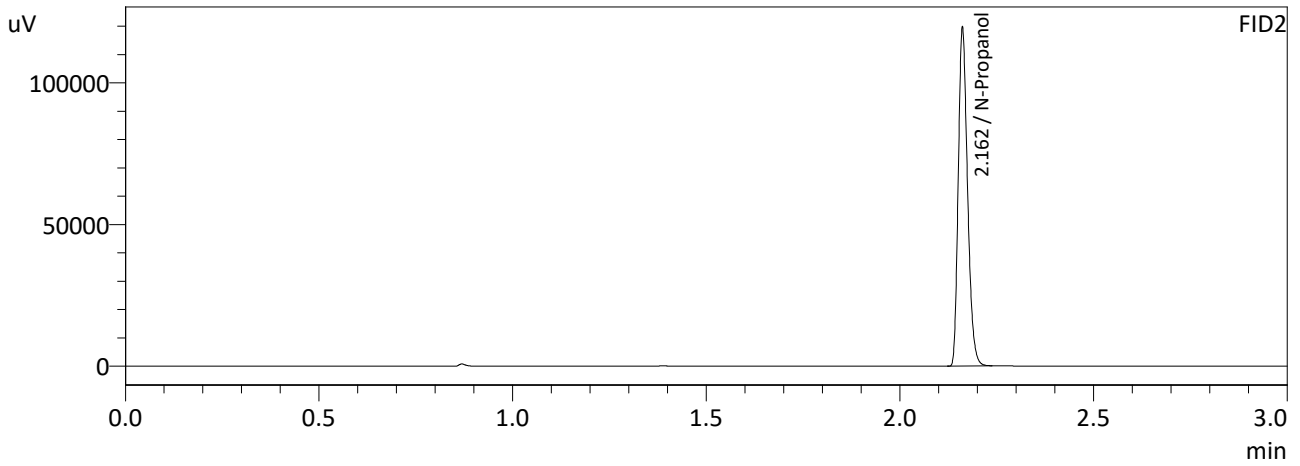
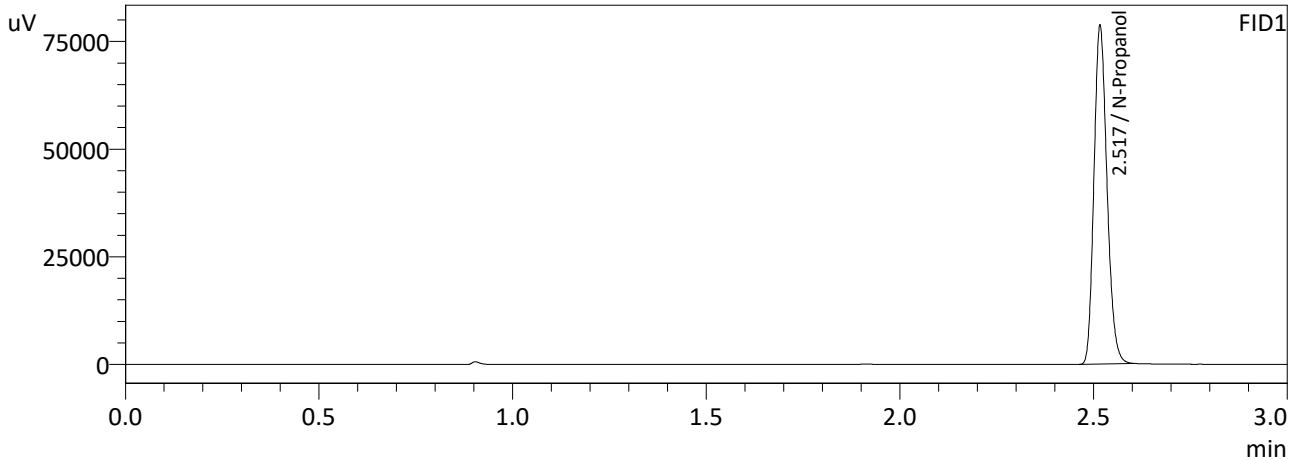
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2098	109971	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	247802	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2098	119521	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	268801	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK 1
 Laboratory : Meridian
 Injection Date : 9/7/2023 2:22:03 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

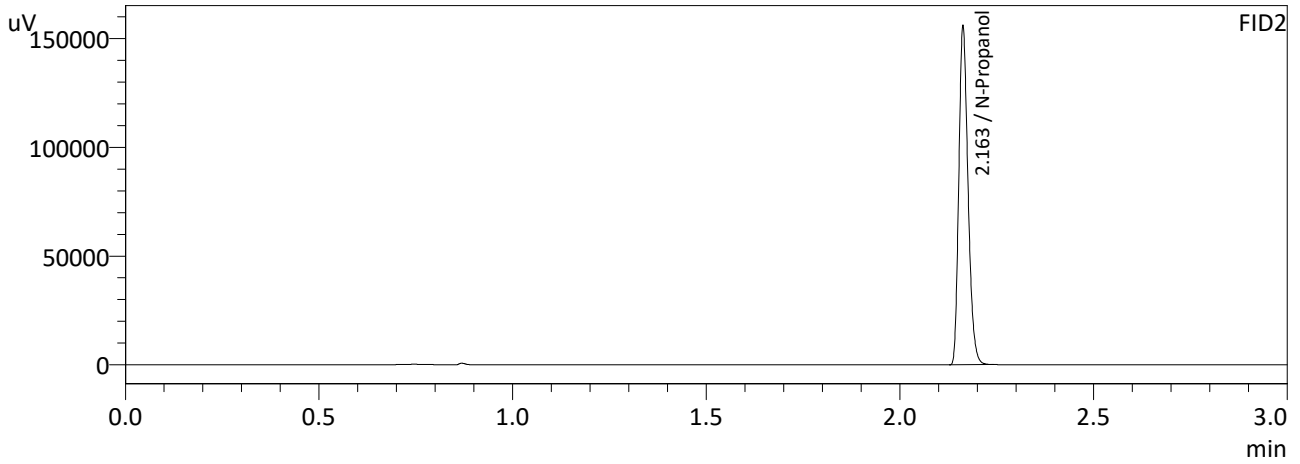
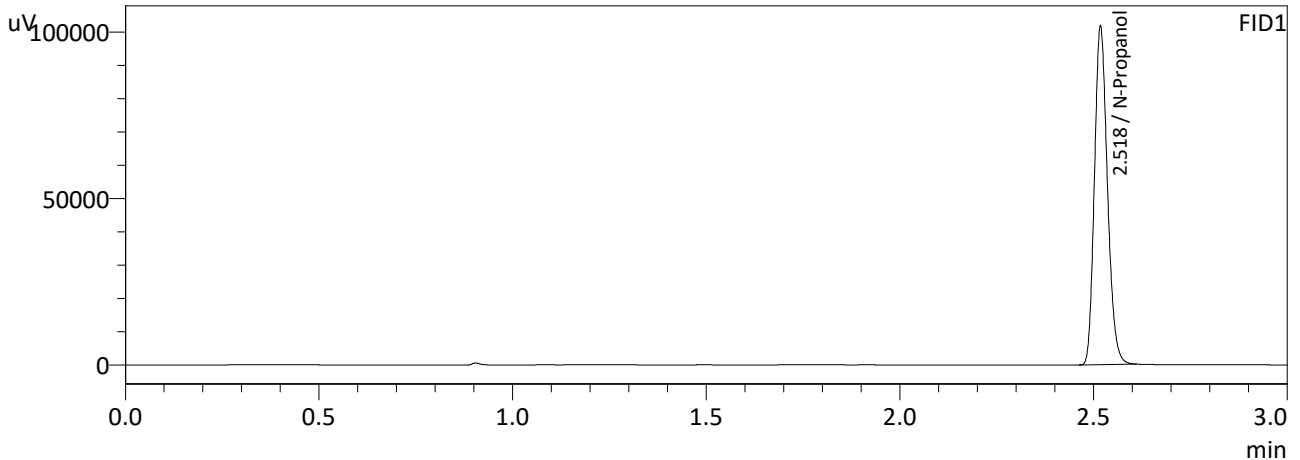
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	184102	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	198926	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK 2
 Laboratory : Meridian
 Injection Date : 9/7/2023 9:11:16 PM
 Vial # : 51
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

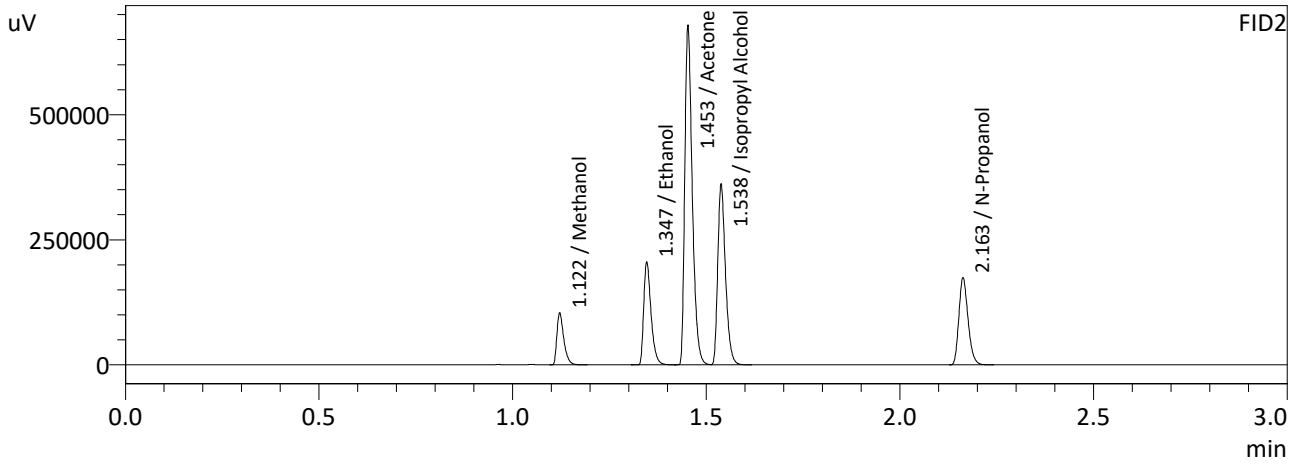
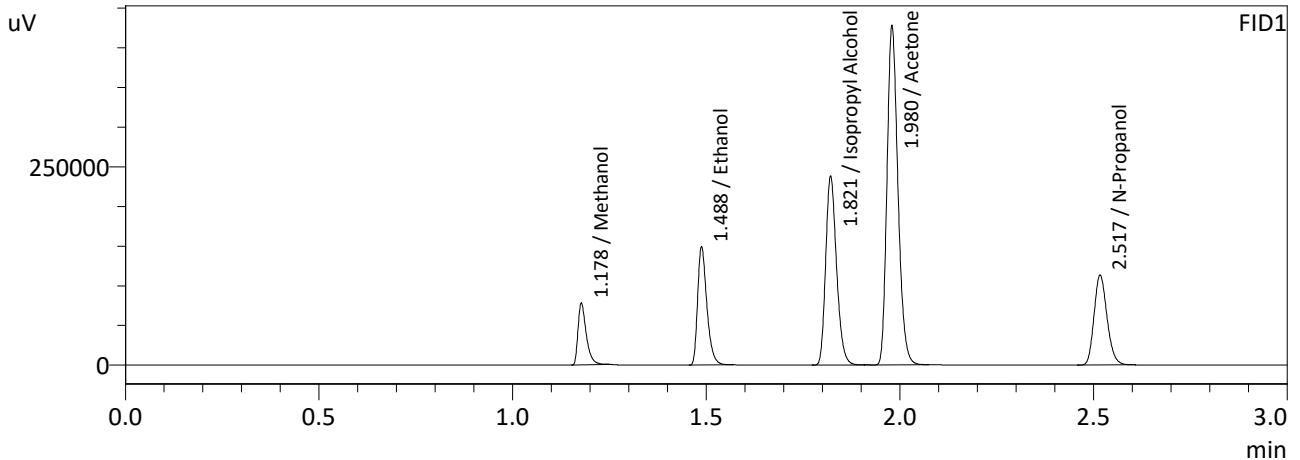
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	237349	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	257794	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : MIXED VOLATILES FN 06041902
 Laboratory : Meridian
 Injection Date : 9/7/2023 2:29:22 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	115526	g/100cc
Ethanol	0.4357	247179	g/100cc
Isopropyl Alcohol	0.0000	463456	g/100cc
Acetone	0.0000	838623	g/100cc
N-Propanol	0.0000	264254	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	128718	g/100cc
Ethanol	0.4373	270376	g/100cc
Acetone	0.0000	910456	g/100cc
Isopropyl Alcohol	0.0000	500871	g/100cc
N-Propanol	0.0000	287054	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

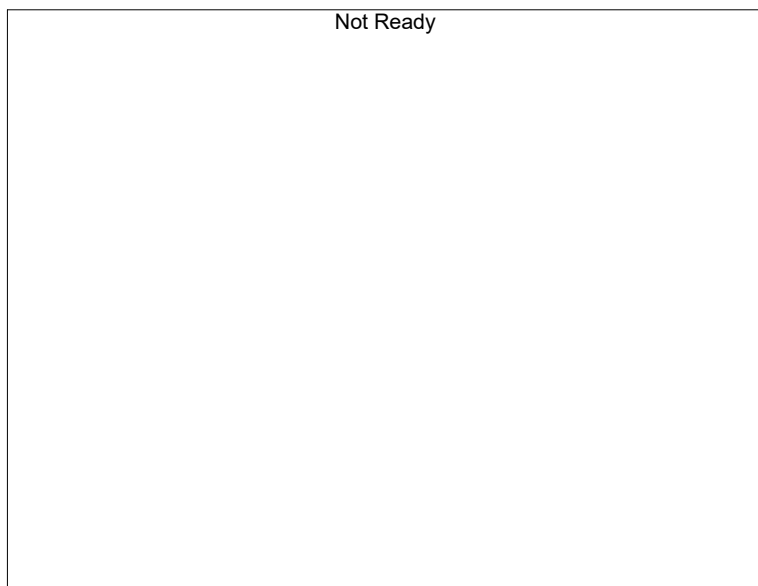
Vial#	Sample Name	Sample Type	Level#	Method File
1	ISTD BLK 1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
2	ED VOLATILES FN 0604	0:Unknown	1	ALCOHOL 230828NB.GCM.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
6	0.08 QA-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
7	M2023-3716-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
8	M2023-3716-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
9	M2023-3717-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
10	M2023-3717-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
11	M2023-3718-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
12	M2023-3718-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
13	M2023-3719-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
14	M2023-3719-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
15	M2023-3722-2	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
16	M2023-3722-2-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
17	M2023-3733-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
18	M2023-3733-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
19	M2023-3735-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
20	M2023-3735-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
21	M2023-3736-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
22	M2023-3736-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
23	M2023-3749-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
24	M2023-3749-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
27	M2023-3776-2	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
28	M2023-3776-2-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
29	M2023-3779-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
30	M2023-3779-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
31	M2023-3780-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
32	M2023-3780-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
33	M2023-3785-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
34	M2023-3785-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
35	M2023-3804-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
36	M2023-3804-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
37	M2023-3808-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
38	M2023-3808-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
39	M2023-3813-2	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
40	M2023-3813-2-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
41	M2023-3838-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
42	M2023-3838-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
43	M2023-3839-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
44	M2023-3839-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
45	M2023-3840-1	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
46	M2023-3840-1-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
47	QC-1-2	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
48	QC-1-2-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
49	QC-2-2	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
50	QC-2-2-B	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm
51	ISTD BLK 2	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm

NB

Calibration Table

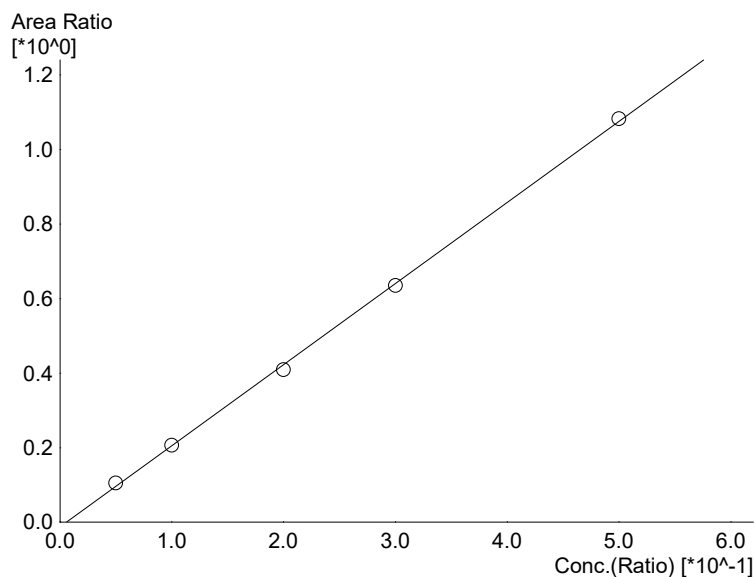
Laboratory : MERIDIAN
 Instrument Name : GC-BAC
 Instrument Serial # : C12595800409 / C12255750548

<<Method File>>
 Method File :Default Project - ALCOHOL_230828NB.GCM.gcm
 Date Created :8/28/2023 8:06:04 AM
 Date Modified :8/28/2023 11:47:33 AM



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

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



Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.17631*x-0.0129233$
 R² value= 0.9994523
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	21125	0.0541
2	0.100	42605	0.1009
3	0.200	82056	0.1940
4	0.300	128807	0.2976
5	0.500	232076	0.5032

NB



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

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



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

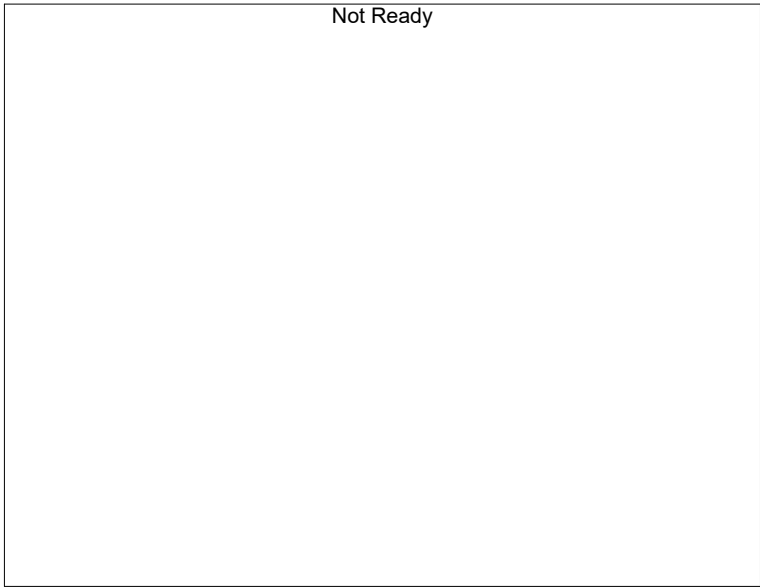
#	Conc.	Area	Std. Conc.
---	-------	------	------------



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

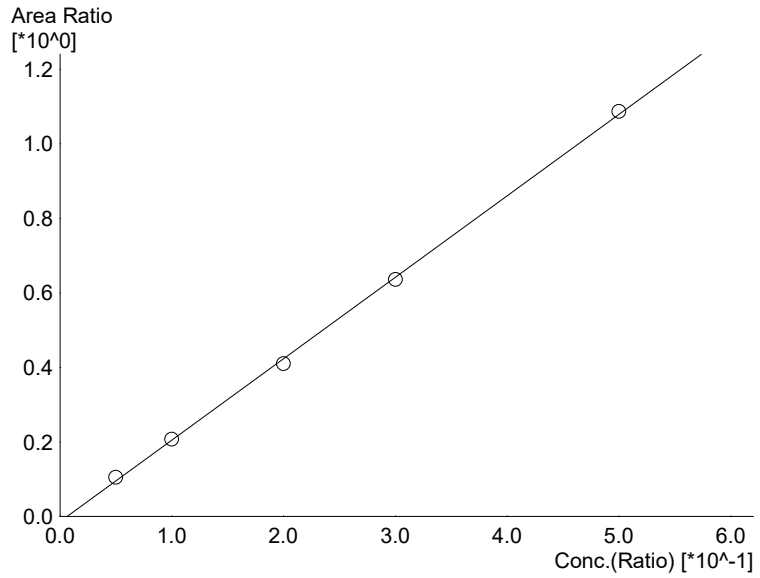
#	Conc.	Area	Std. Conc.
---	-------	------	------------

NB



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

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



Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.18568*x-0.0139519$
 R² value= 0.9993908
 FitType: Linear
 ZeroThrough: Not Through

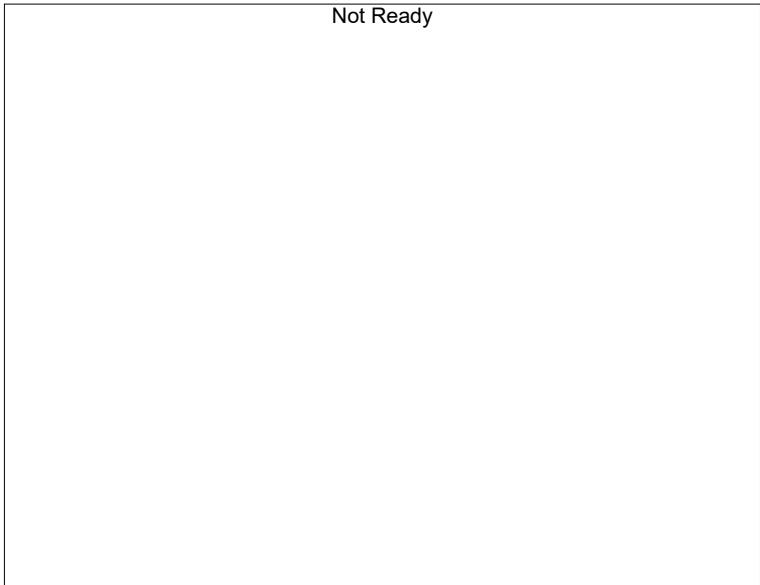
#	Conc.	Area	Std. Conc.
1	0.050	22800	0.0543
2	0.100	46163	0.1011
3	0.200	88742	0.1937
4	0.300	139483	0.2972
5	0.500	252377	0.5034



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

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

NB



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

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

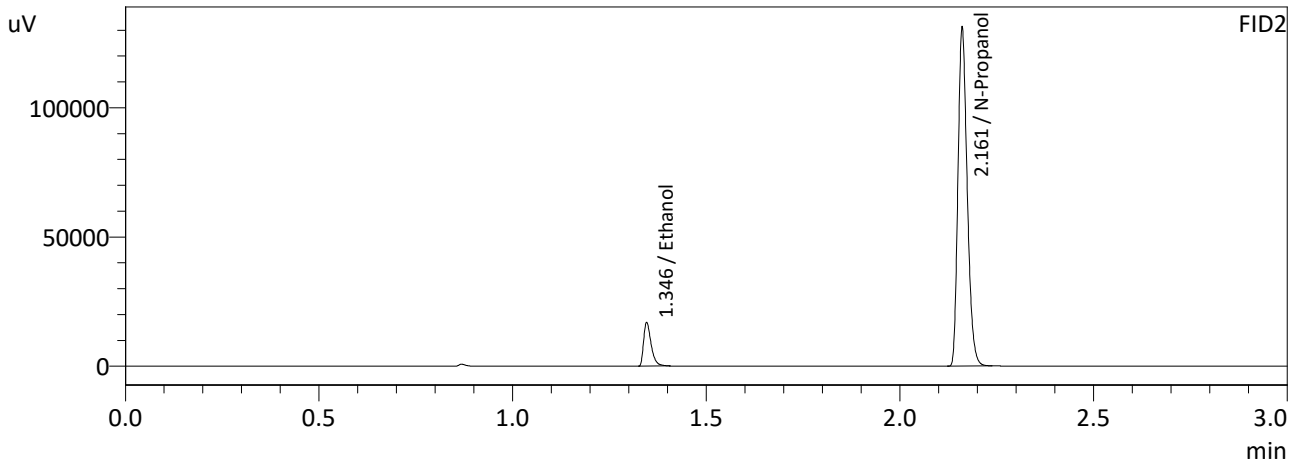
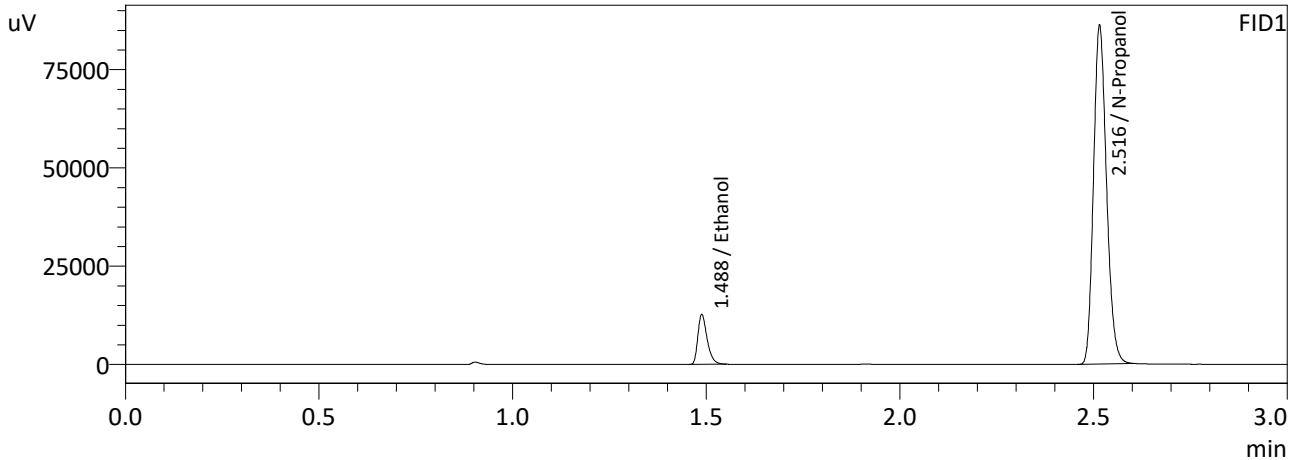


Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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

NB

Sample Name : 0.050
 Laboratory : Meridian
 Injection Date : 8/28/2023 11:13:33 AM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

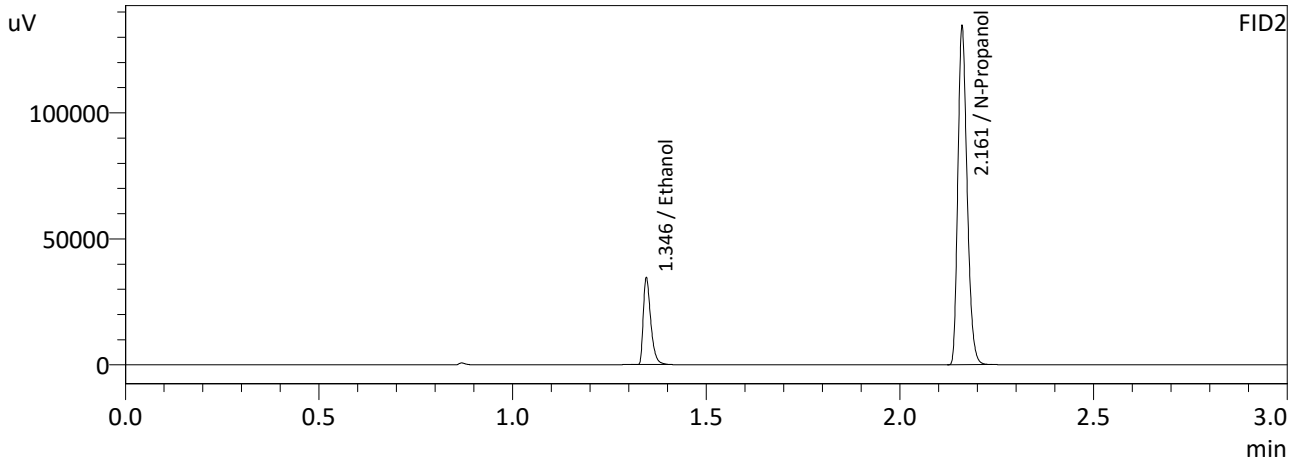
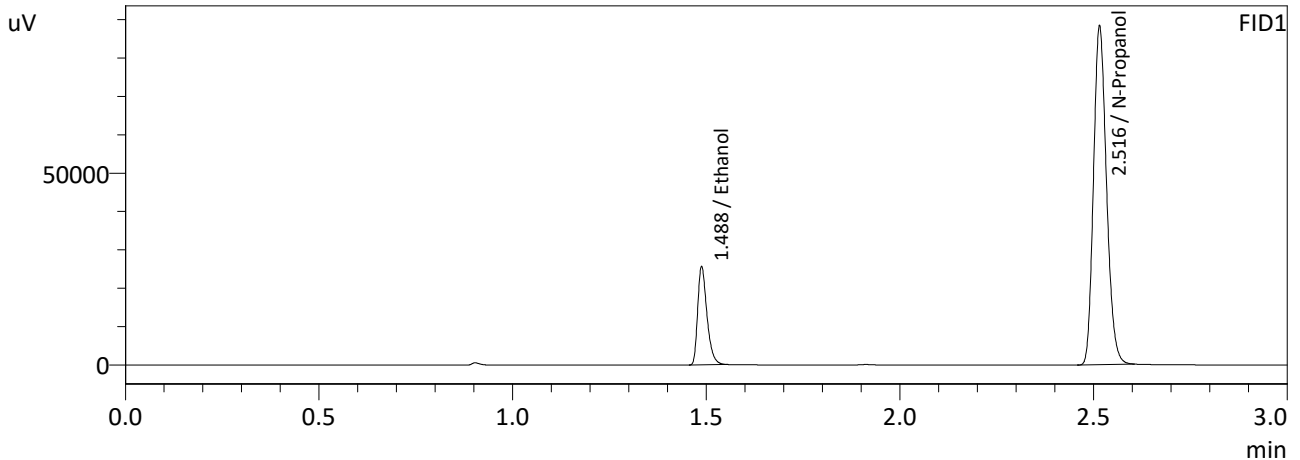
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0541	21125	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	201161	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0543	22800	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	217560	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.100
 Laboratory : Meridian
 Injection Date : 8/28/2023 11:20:54 AM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

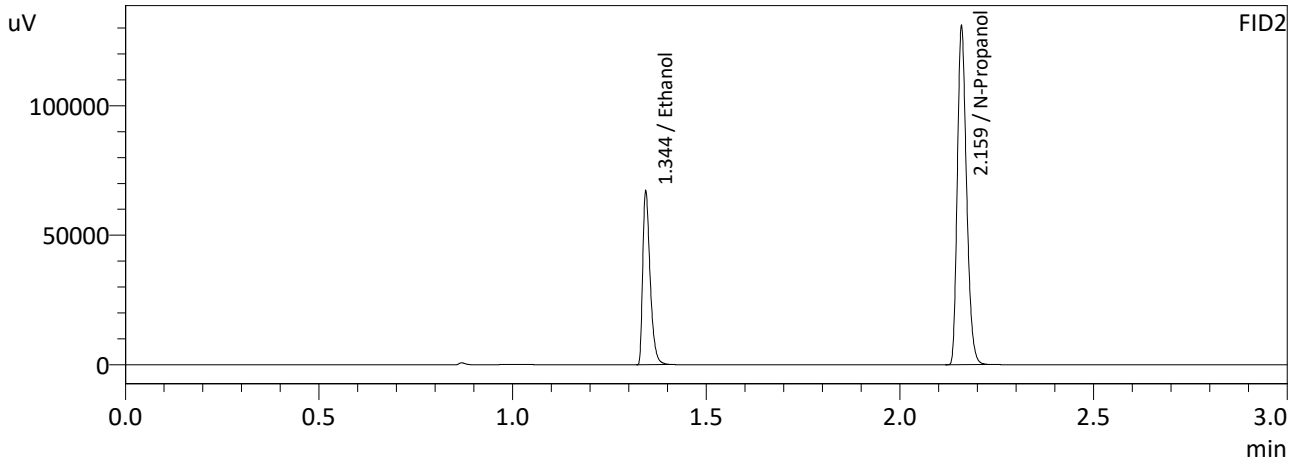
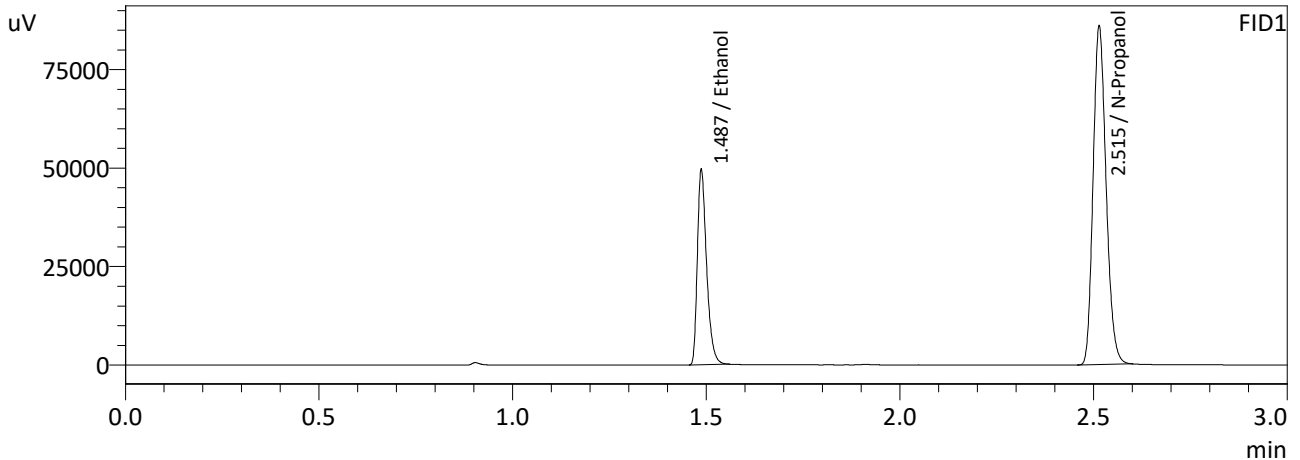
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1009	42605	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	206029	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1011	46163	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	222878	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.200
 Laboratory : Meridian
 Injection Date : 8/28/2023 11:28:34 AM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

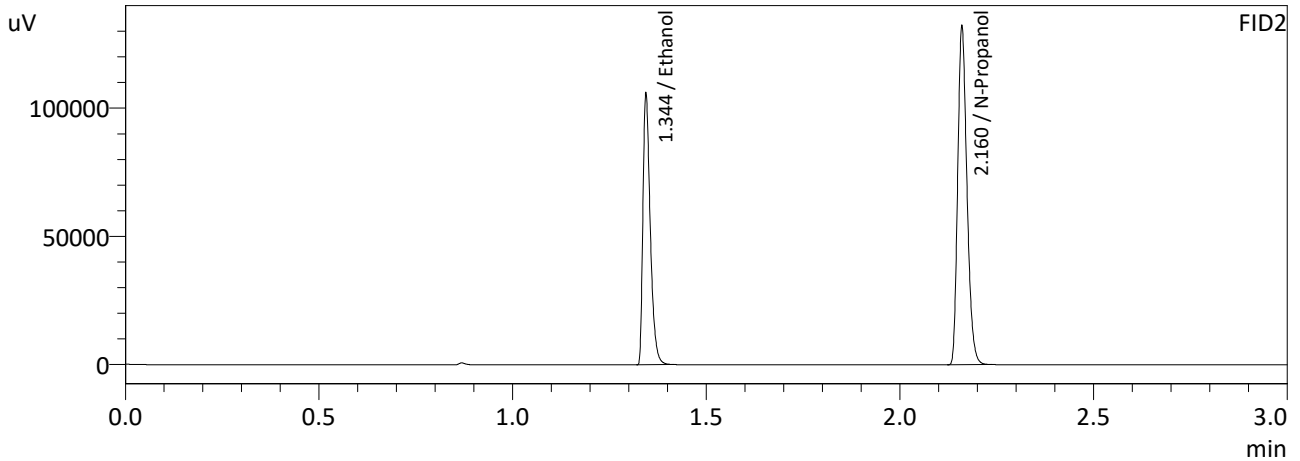
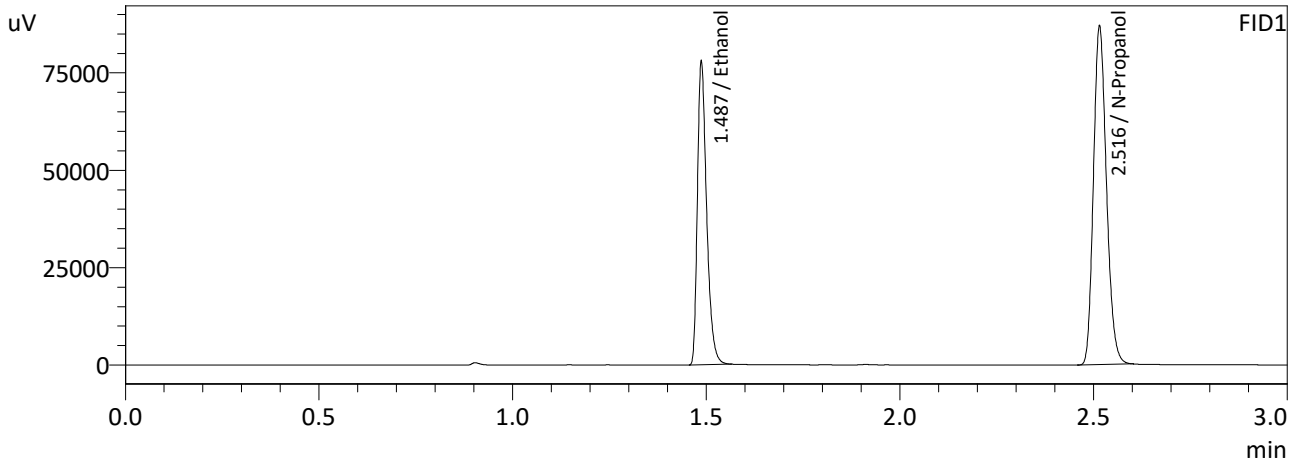
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1940	82056	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	200461	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1937	88742	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	216647	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.300
 Laboratory : Meridian
 Injection Date : 8/28/2023 11:37:13 AM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

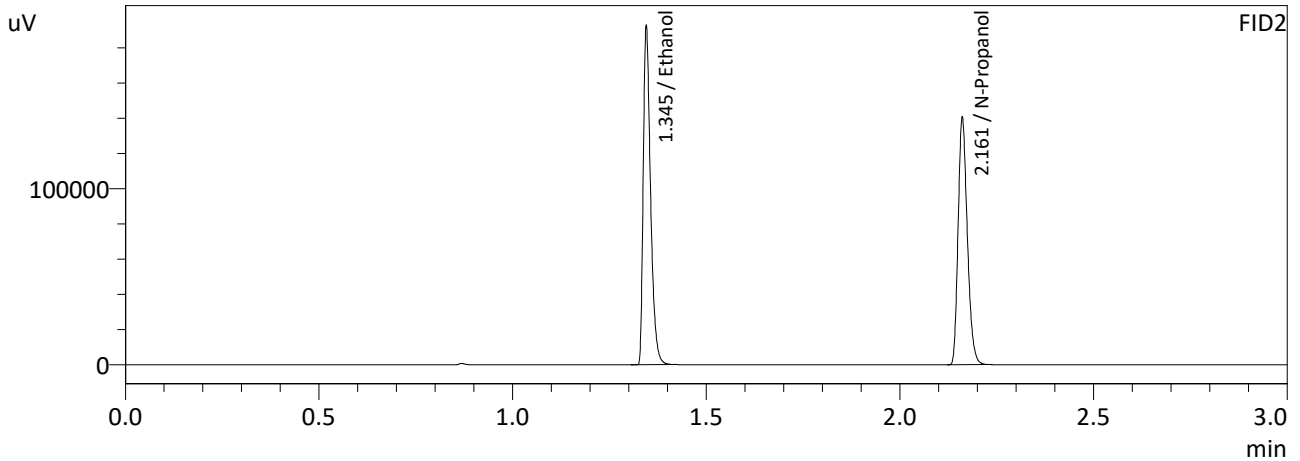
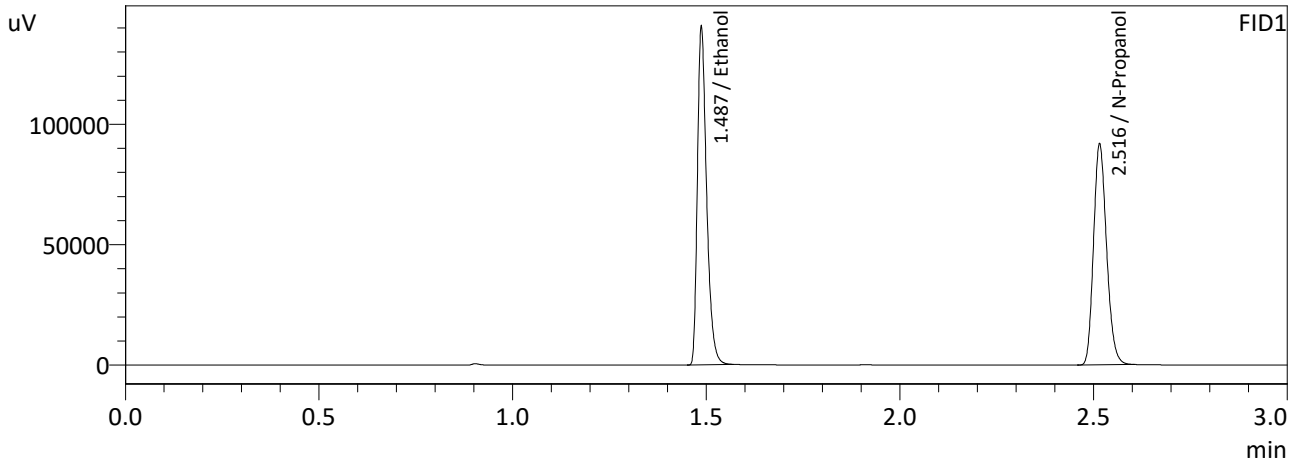
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2976	128807	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	202916	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2972	139483	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	219387	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.500
 Laboratory : Meridian
 Injection Date : 8/28/2023 11:44:31 AM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

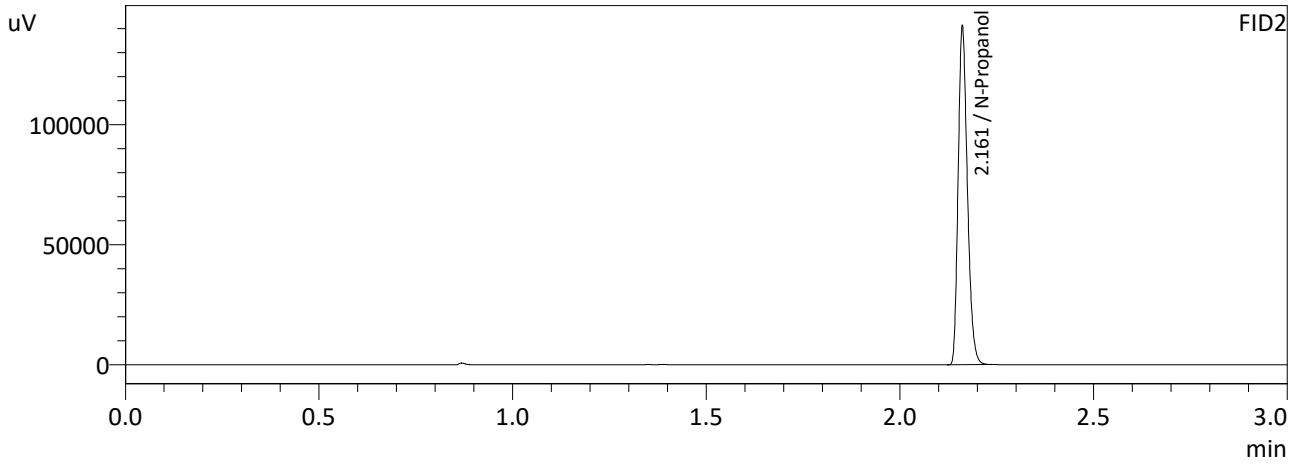
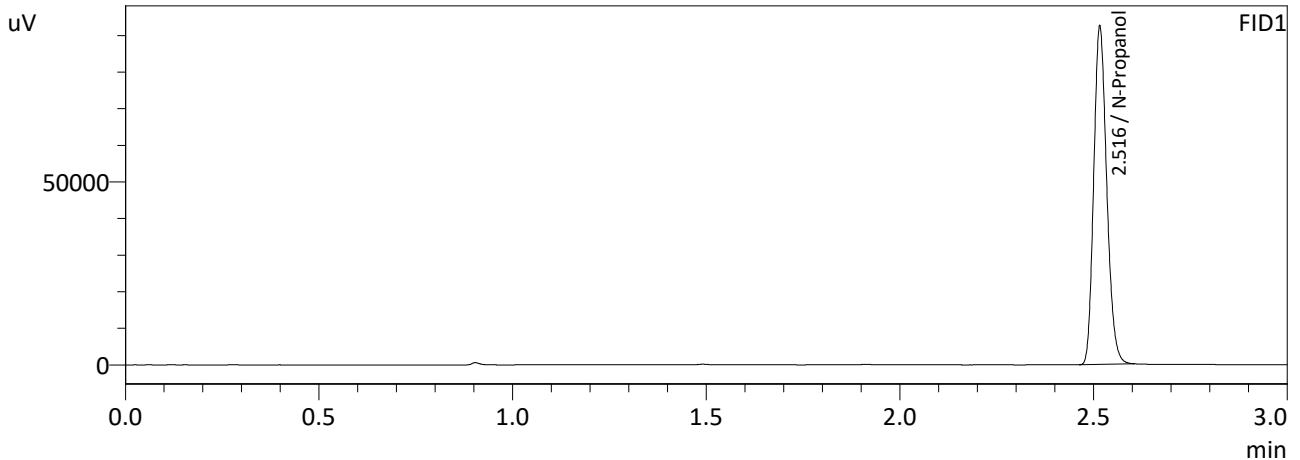
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5032	232076	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	214446	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5034	252377	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	232296	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLK
 Laboratory : Meridian
 Injection Date : 8/28/2023 11:53:34 AM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_230828NB.GCM.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	215744	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	233715	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
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Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL 230828NB.GCM.gcm
2	0.100	1:Standard	2	ALCOHOL 230828NB.GCM.gcm
3	0.200	1:Standard	3	ALCOHOL 230828NB.GCM.gcm
4	0.300	1:Standard	4	ALCOHOL 230828NB.GCM.gcm
5	0.500	1:Standard	5	ALCOHOL 230828NB.GCM.gcm
6	INT STD BLK	0:Unknown	0	ALCOHOL 230828NB.GCM.gcm

NB