




















Worklist: 6801

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-1588	1	BCK	Alcohol Analysis	
M2024-1600	1	BCK	Alcohol Analysis	
M2024-1605	1	BCK	Alcohol Analysis	
M2024-1606	1	BCK	Alcohol Analysis	
M2024-1607	1	BCK	Alcohol Analysis	
M2024-1629	1	BCK	Alcohol Analysis	
M2024-1632	1	BCK	Alcohol Analysis	
M2024-1633	1	BCK	Alcohol Analysis	
M2024-1635	1	BCK	Alcohol Analysis	
M2024-1644	1	BCK	Alcohol Analysis	
M2024-1660	1	BCK	Alcohol Analysis	
M2024-1673	1	BCK	Alcohol Analysis	
M2024-1674	1	BCK	Alcohol Analysis	
M2024-1690	1	BCK	Alcohol Analysis	
M2024-1705	1	BCK	Alcohol Analysis	
M2024-1721	1	BCK	Alcohol Analysis	
M2024-1724	1	BCK	Alcohol Analysis	
M2024-1725	1	BCK	Alcohol Analysis	
M2024-1726	1	BCK	Alcohol Analysis	

REVIEWED

By Jeremy Johnston at 10:22 am, May 03, 2024



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): 5/2/2024

Calibration Date: 5/2/2024

Worklist #: 6801

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Feb-25	2101199	0.0808	0.0727-0.0889	0.0800 g/100cc
					0.0844 g/100cc
					g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2120 g/100cc
					0.2126 g/100cc
					g/100cc
Multi-Component mixture:		Exp:	Oct. 2024	Lot #	FN06041902
Curve Fit:			Column 1	0.99994	Column2 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	0.0492	0.0492	0	0.0492
100	0.100	0.090 - 0.110	0.1015	0.1017	0.0002	0.1016
200	0.200	0.180 - 0.220	0.2001	0.2000	1E-04	0.2
300	0.300	0.270 - 0.330	0.2983	0.2980	0.0003	0.2981
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5007	0.5008	1E-04	0.5007

Aqueous Controls

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

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

Internal Standard Monitoring Worksheet

Worklist #:	6801	Run Date(s):	5/2/2024
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Internal Standard Solution:	Prep Date: 3/13/2024	Exp Date: 9/16/204
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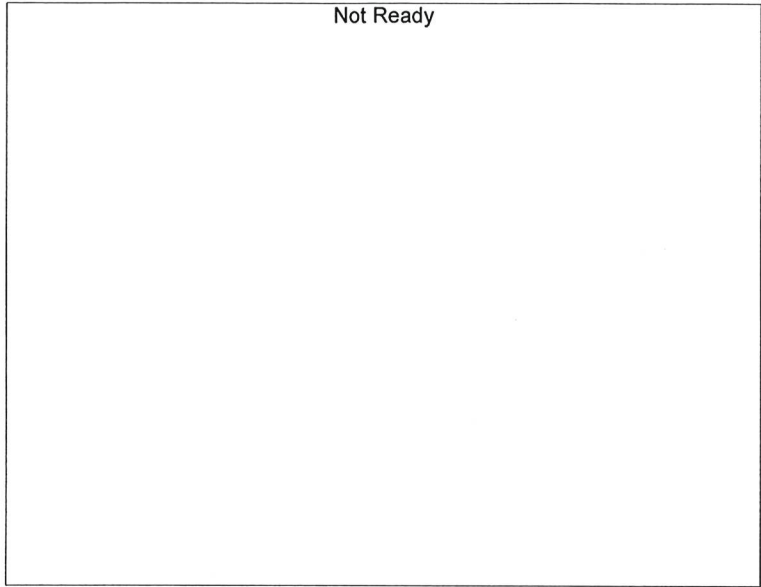
Sample Name	Column 1 Value	Column 2 Value
0.080	185057	198448
0.080	176777	189518
QC1	182965	196378
QC1	184005	197455
QC1	215205	232095
QC1	215795	232724
QC1		
QC1		
QC2	210544	227507
QC2	209107	225897
QC2	212082	228814
QC2	216226	233400
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	200776.3	160621.0	240931.6
Column 2	216223.6	172978.9	259468.3

Calibration Table

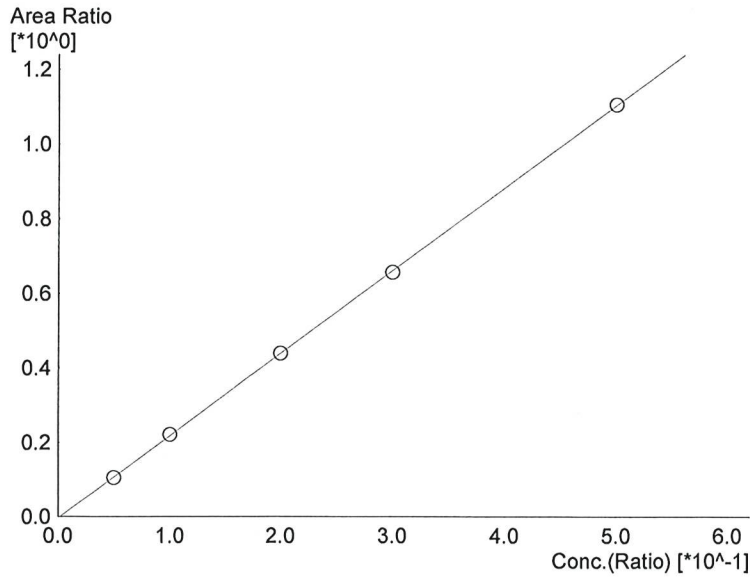
Laboratory : MERIDIAN
 Instrument Name : GC-BAC
 Instrument Serial # : C12595800409 / C12255750548

<<Data File>>
 Method File :Default Project - ALCOHOL_240502_GG.gcm
 Batch File :Default Project - CALCURVE_240502_GG.gcb
 Date Acquired :5/2/2024 11:49:16 AM
 Date Created :5/2/2024 11:44:25 AM
 Date Modified :5/2/2024 12:15:04 PM



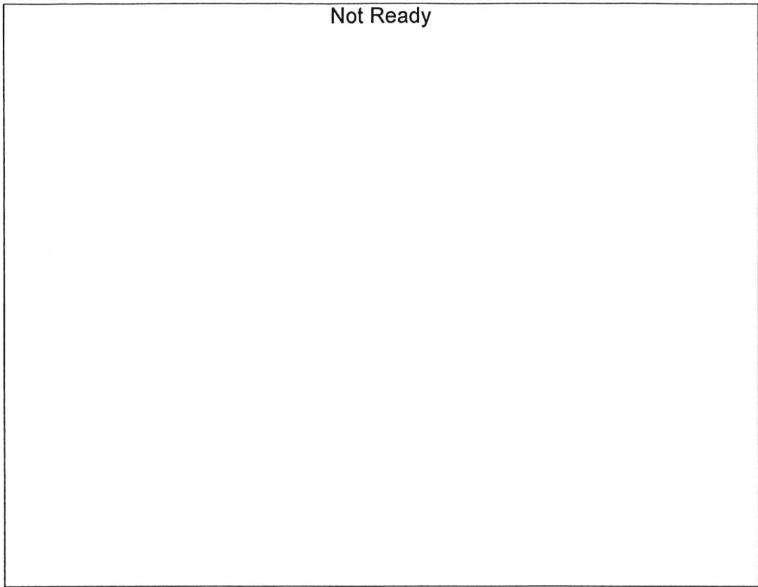
Name : Methanol
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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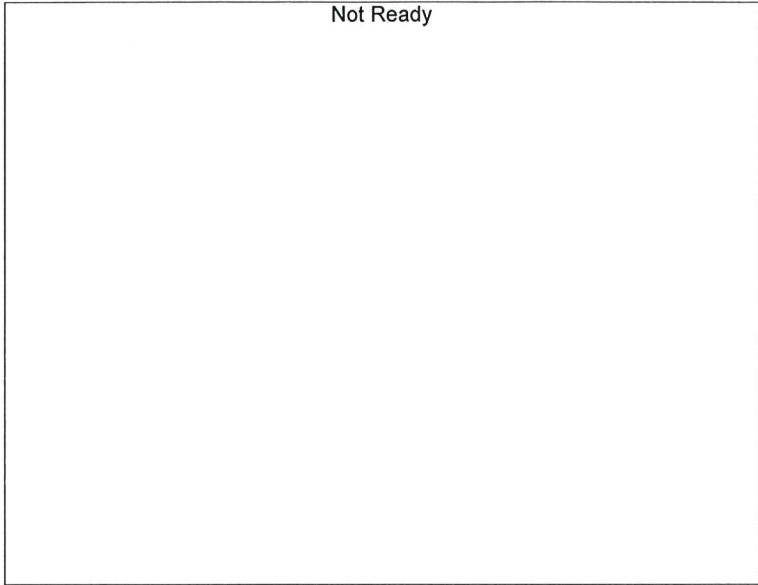
Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.21557*x-0.00401173$
 R² value= 0.9999490
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	19117	0.0492
2	0.100	41087	0.1015
3	0.200	78722	0.2001
4	0.300	117359	0.2983
5	0.500	206640	0.5007



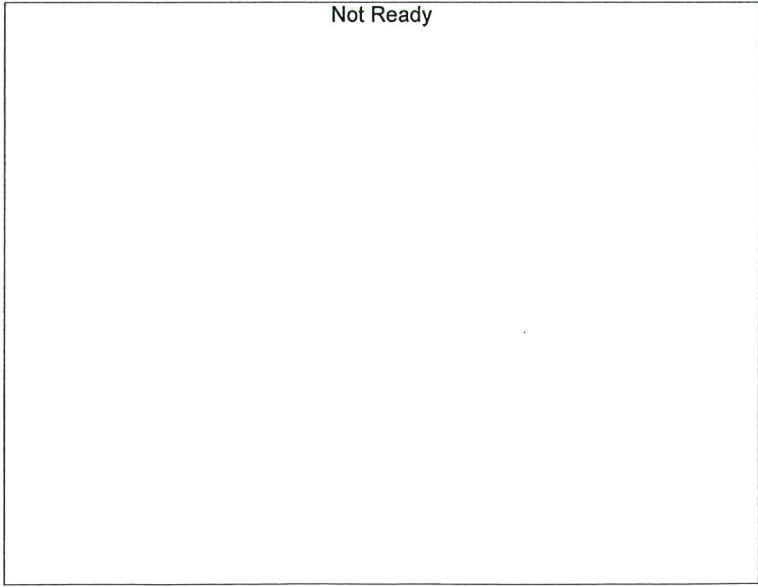
Name : Isopropyl Alcohol
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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Name : Acetone
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

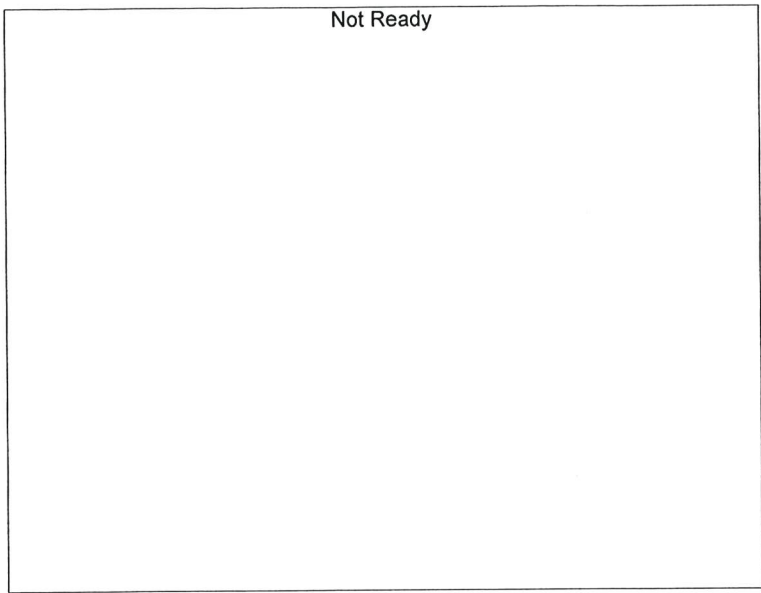
#	Conc.	Area	Std. Conc.
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Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

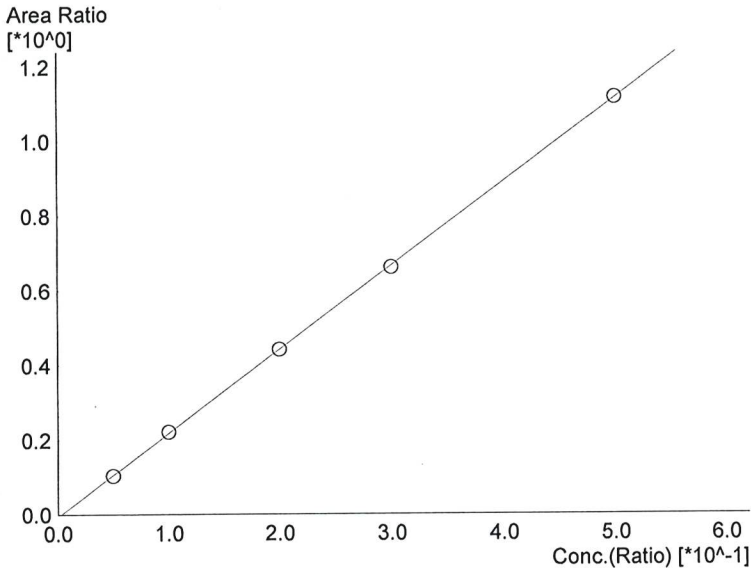
#	Conc.	Area	Std. Conc.
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W



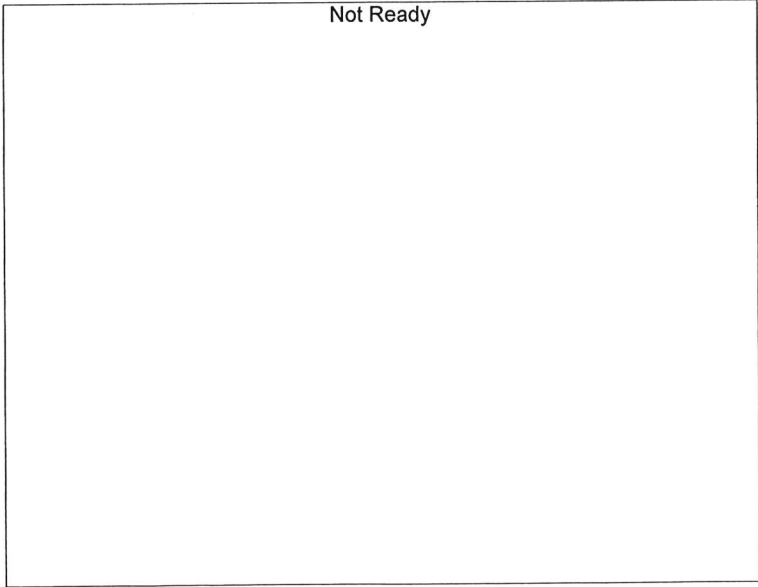
Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.24410*x-0.00689831$
 R² value= 0.9999390
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	20183	0.0492
2	0.100	44120	0.1017
3	0.200	84759	0.2000
4	0.300	126716	0.2980
5	0.500	223835	0.5008



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

#	Conc.	Area	Std. Conc.
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W

Not Ready

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

#	Conc.	Area	Std. Conc.
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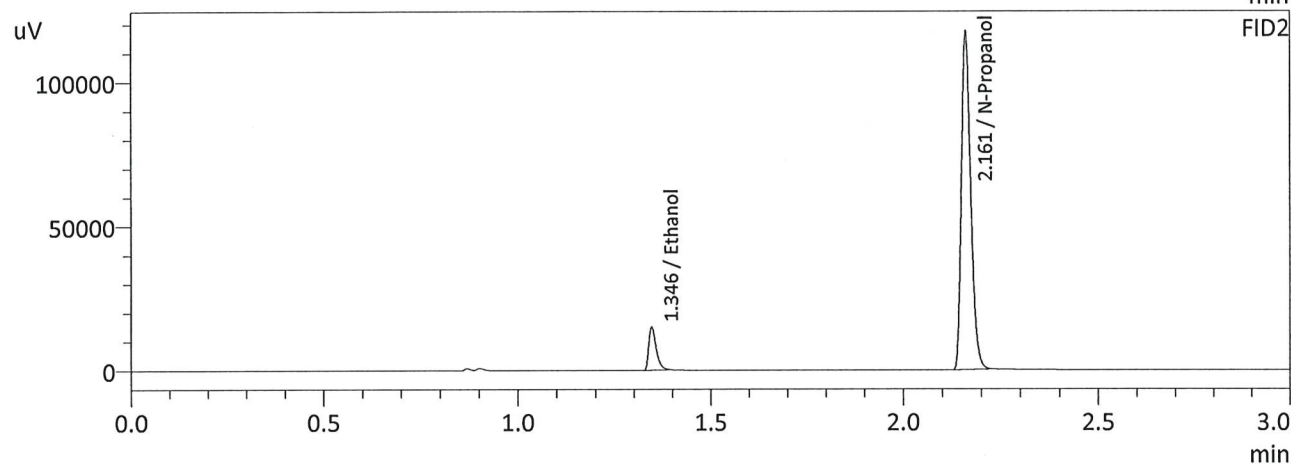
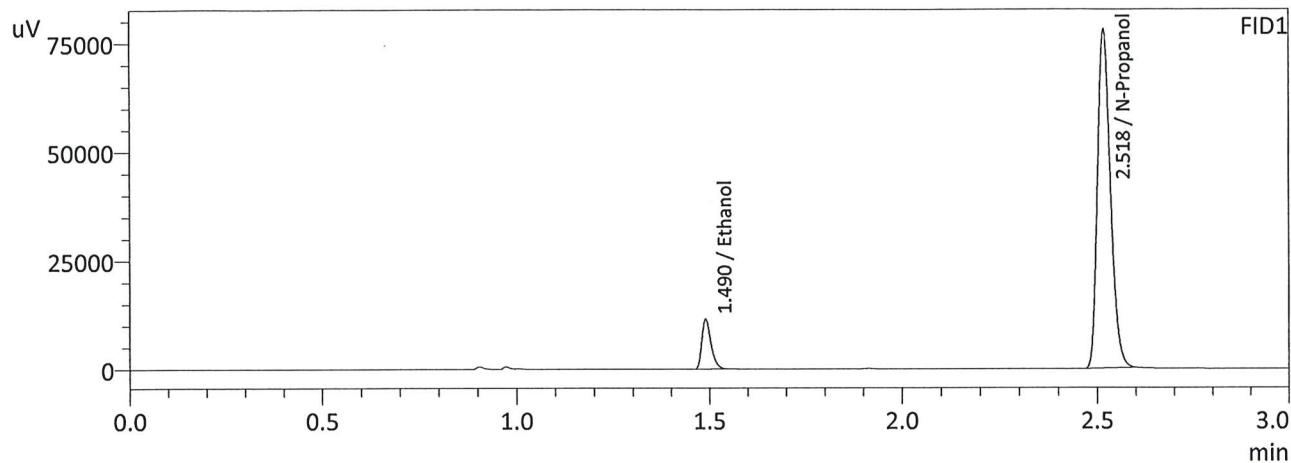
Not Ready

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

#	Conc.	Area	Std. Conc.
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W

Sample Name : 0.050
 Laboratory : Meridian
 Injection Date : 5/2/2024 11:18:03 AM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

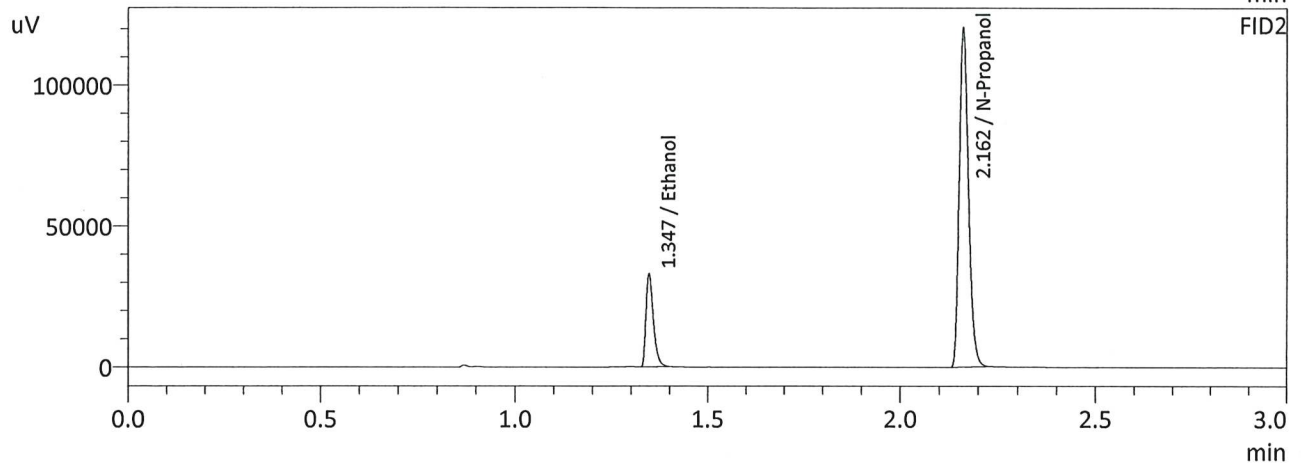
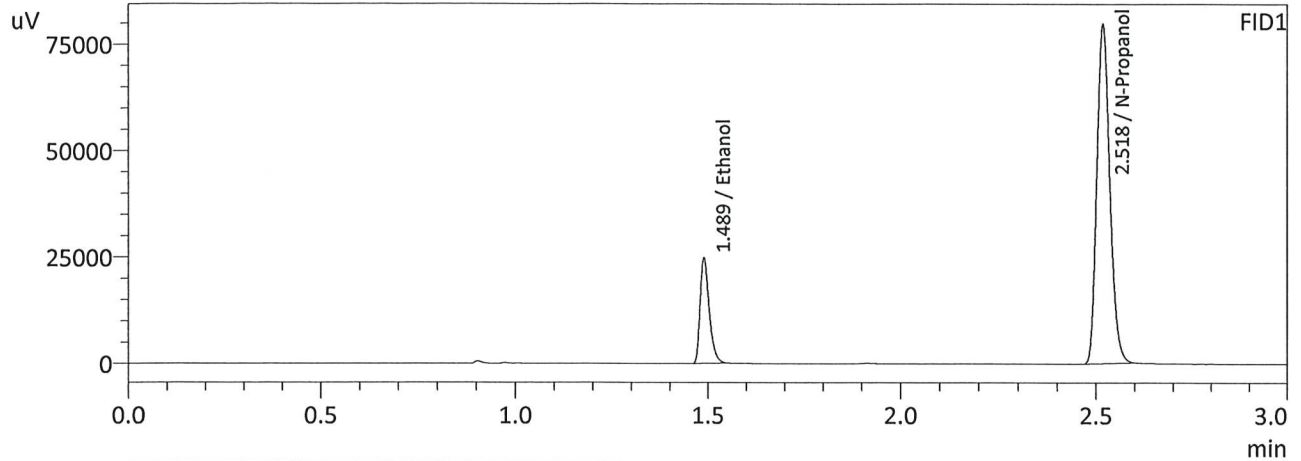
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0492	19117	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182002	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0492	20183	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194729	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.100
 Laboratory : Meridian
 Injection Date : 5/2/2024 11:25:25 AM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

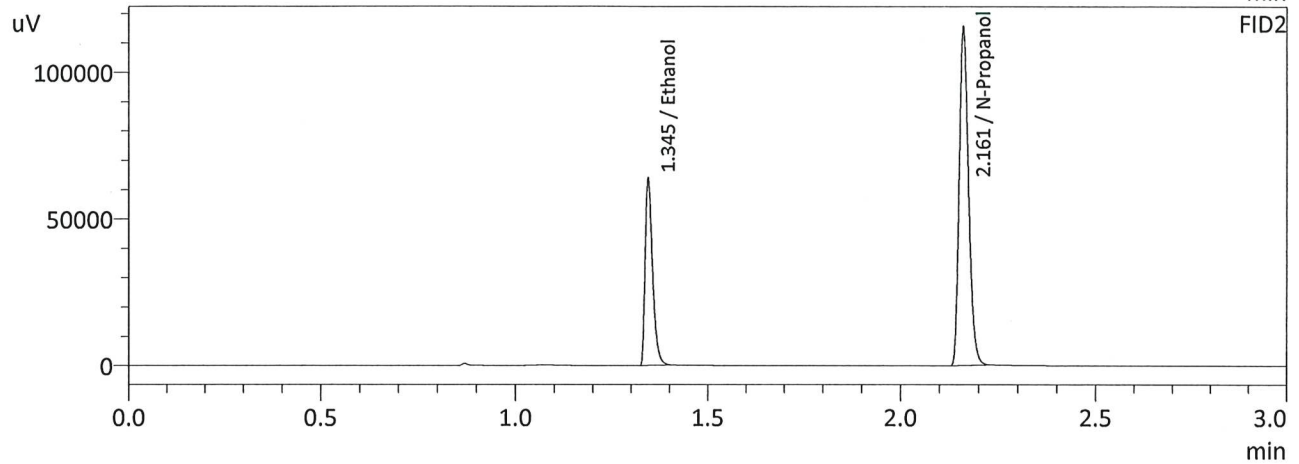
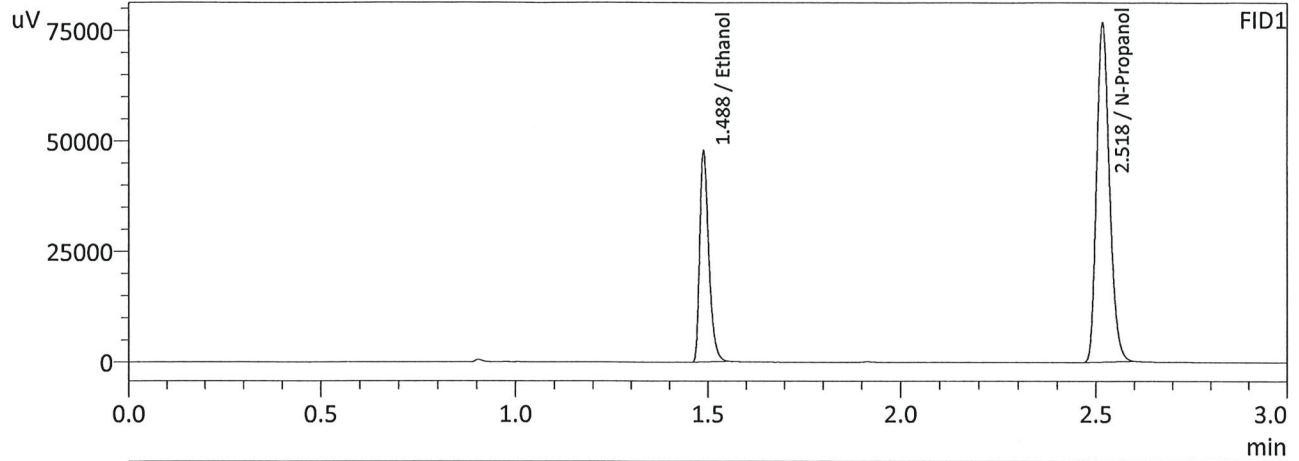
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1015	41087	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	185852	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1017	44120	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	199317	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.200
 Laboratory : Meridian
 Injection Date : 5/2/2024 11:33:00 AM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

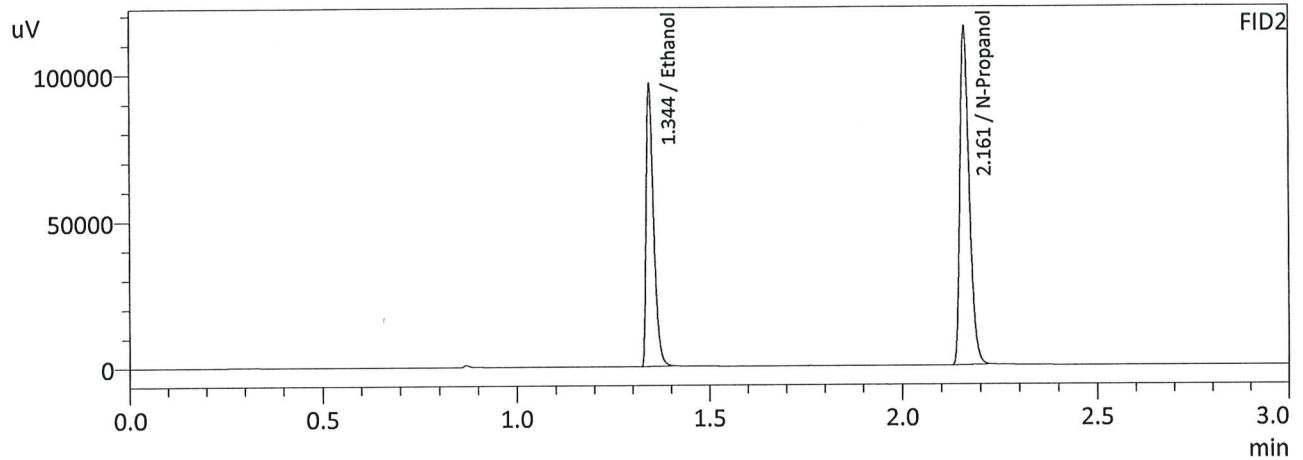
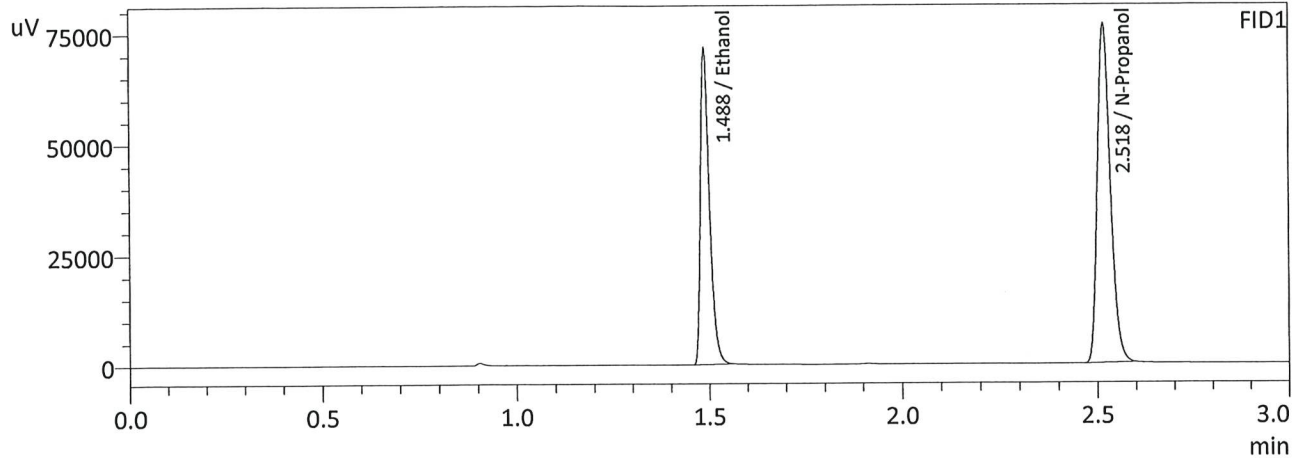
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2001	78722	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	179126	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2000	84759	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	191705	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.300
 Laboratory : Meridian
 Injection Date : 5/2/2024 11:41:22 AM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

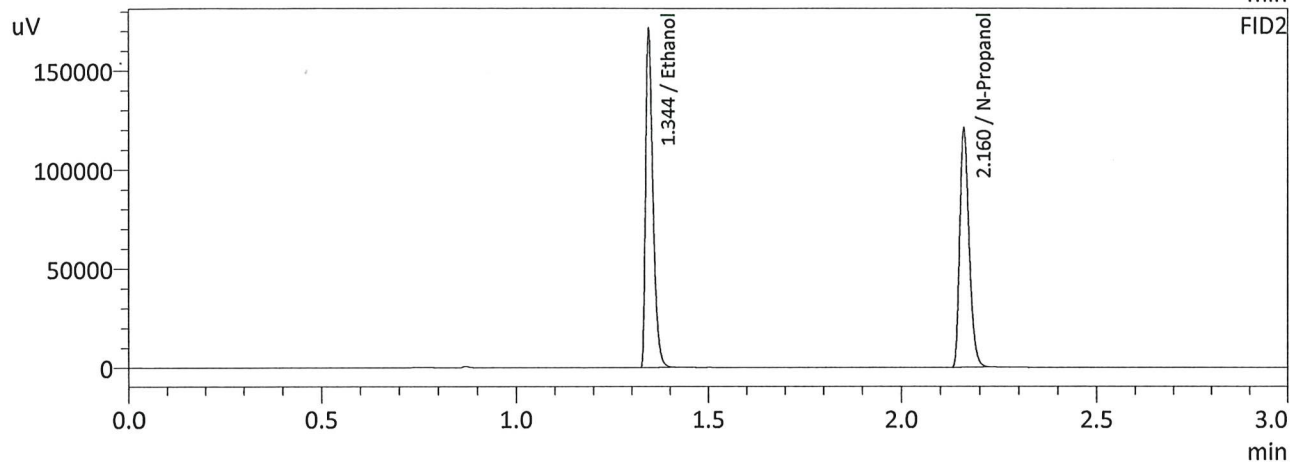
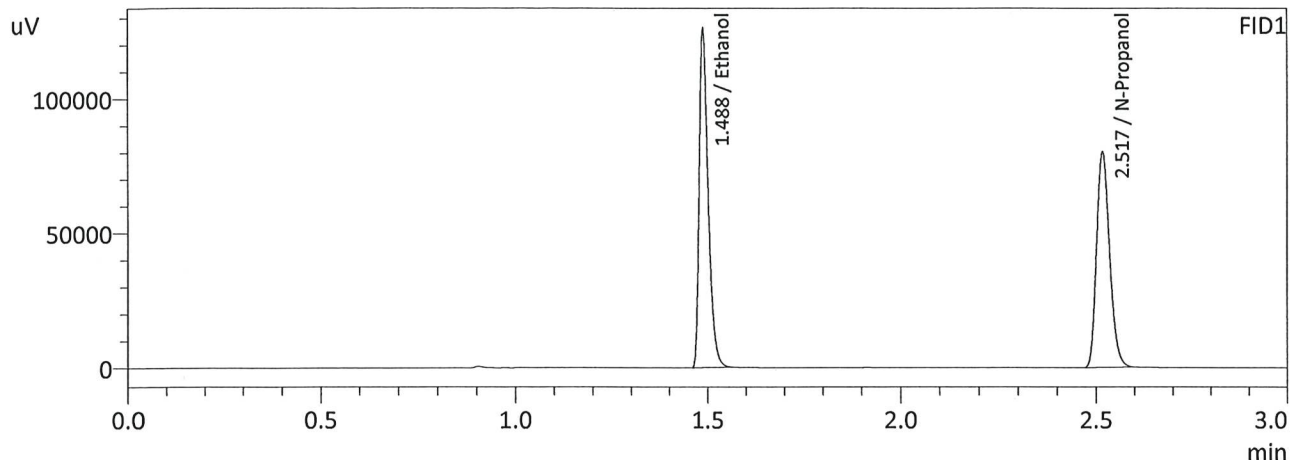
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2983	117359	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	178651	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2980	126716	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	191396	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.500
 Laboratory : Meridian
 Injection Date : 5/2/2024 11:49:16 AM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

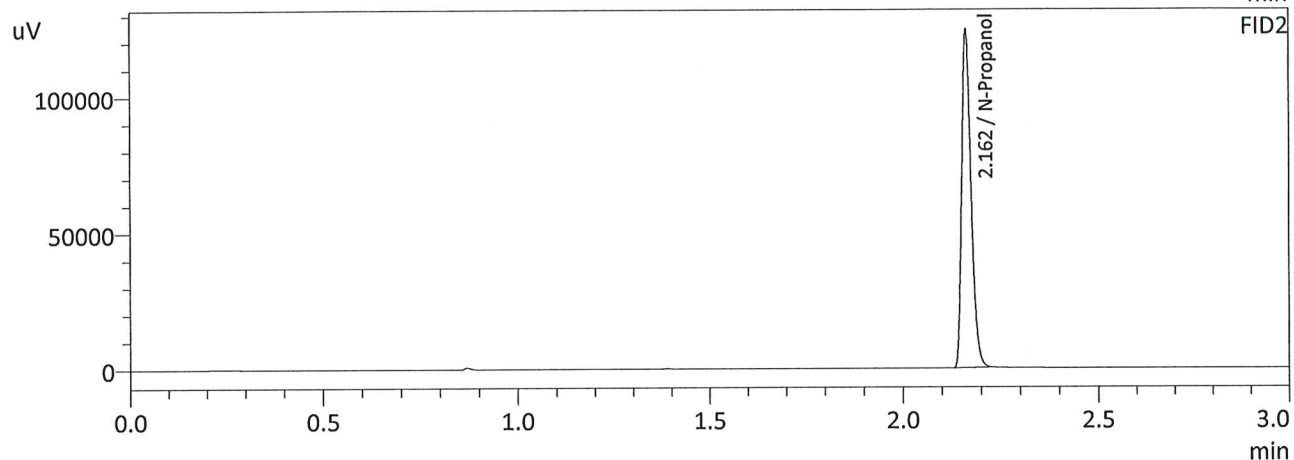
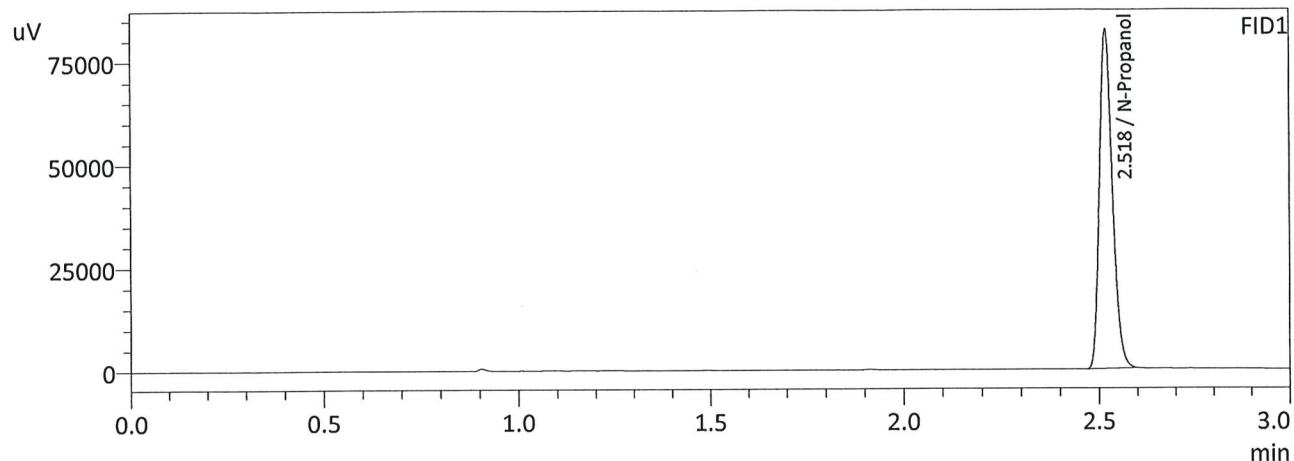
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5007	206640	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	186948	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5008	223835	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200385	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : INT STD BLK
 Laboratory : Meridian
 Injection Date : 5/2/2024 11:57:42 AM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_240502_GG.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	191820	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	206225	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Meridian Blood Alcohol Analysis Batch Table

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

Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL 240502 GG.gcm
2	0.100	1:Standard	2	ALCOHOL 240502 GG.gcm
3	0.200	1:Standard	3	ALCOHOL 240502 GG.gcm
4	0.300	1:Standard	4	ALCOHOL 240502 GG.gcm
5	0.500	1:Standard	5	ALCOHOL 240502 GG.gcm
6	INT STD BLK	0:Unknown	0	ALCOHOL 240502 GG.gcm

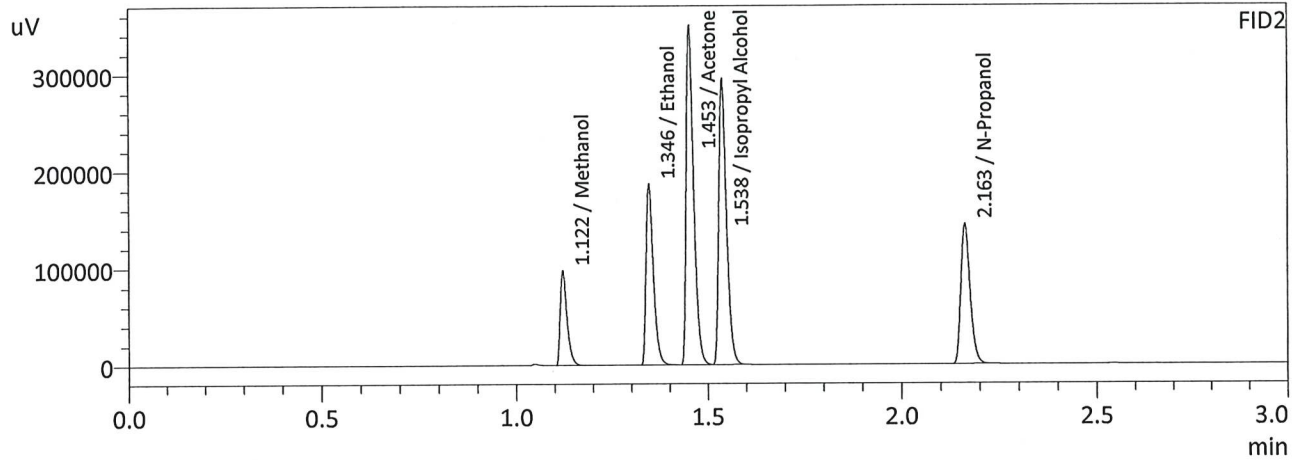
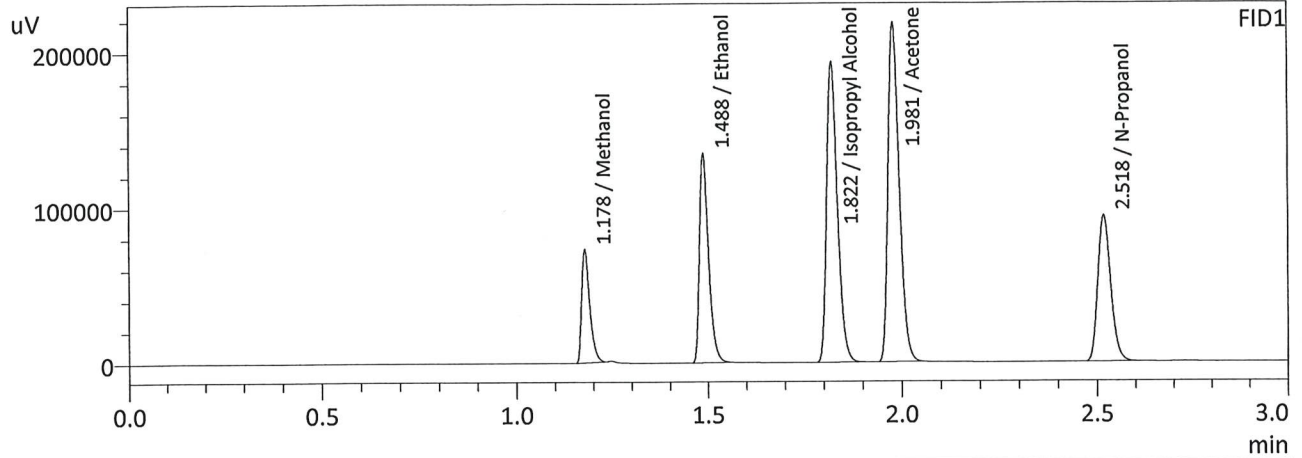


Meridian Blood Alcohol Analysis Batch Table

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	INT STD BLK 1	0:Unknown	0	ALCOHOL 240502 GG.gcm
2	ED VOLATILES FN 0604	0:Unknown	1	ALCOHOL 240502 GG.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 240502 GG.gcm
6	0.08 QA	0:Unknown	0	ALCOHOL 240502 GG.gcm
7	M2024-1588-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
8	M2024-1588-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
9	M2024-1600-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
10	M2024-1600-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
11	M2024-1605-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
12	M2024-1605-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
13	M2024-1606-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
14	M2024-1606-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
15	M2024-1607-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
16	M2024-1607-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
17	M2024-1629-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
18	M2024-1629-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
19	M2024-1632-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
20	M2024-1632-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
21	M2024-1633-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
22	M2024-1633-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
23	M2024-1635-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
24	M2024-1635-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
27	M2024-1644-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
28	M2024-1644-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
29	M2024-1660-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
30	M2024-1660-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
31	M2024-1673-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
32	M2024-1673-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
33	M2024-1674-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
34	M2024-1674-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
35	M2024-1690-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
36	M2024-1690-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
37	M2024-1705-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
38	M2024-1705-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
39	M2024-1721-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
40	M2024-1721-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
41	M2024-1724-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
42	M2024-1724-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
43	M2024-1725-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
44	M2024-1725-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
45	M2024-1726-1	0:Unknown	0	ALCOHOL 240502 GG.gcm
46	M2024-1726-1-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
47	QC1-2	0:Unknown	0	ALCOHOL 240502 GG.gcm
48	QC1-2-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
49	QC2-2	0:Unknown	0	ALCOHOL 240502 GG.gcm
50	QC2-2-B	0:Unknown	0	ALCOHOL 240502 GG.gcm
51	INT STD BLK 2	0:Unknown	0	ALCOHOL 240502 GG.gcm
52	DFE LOT 111914 OM	0:Unknown	0	ALCOHOL 240502 GG.gcm
53	INT STD BLK 3	0:Unknown	0	ALCOHOL 240502 GG.gcm
54	TFE LOT 111914	0:Unknown	0	ALCOHOL 240502 GG.gcm
55	INT STD BLK 4	0:Unknown	0	ALCOHOL 240502 GG.gcm

Sample Name : MIXED VOLATILES FN 06041902
 Laboratory : Meridian
 Injection Date : 5/2/2024 1:01:51 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	106149	g/100cc
Ethanol	0.4589	222176	g/100cc
Isopropyl Alcohol	0.0000	375917	g/100cc
Acetone	0.0000	427509	g/100cc
N-Propanol	0.0000	219350	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	120202	g/100cc
Ethanol	0.4611	244150	g/100cc
Acetone	0.0000	470114	g/100cc
Isopropyl Alcohol	0.0000	408438	g/100cc
N-Propanol	0.0000	237501	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA

Analysis Date(s): 5/2/2024 1:26:49 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0793	0.0790	0.0003	0.0791	0.0020	0.0801
(g/100cc)	0.0811	0.0811	0.0000	0.0811		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

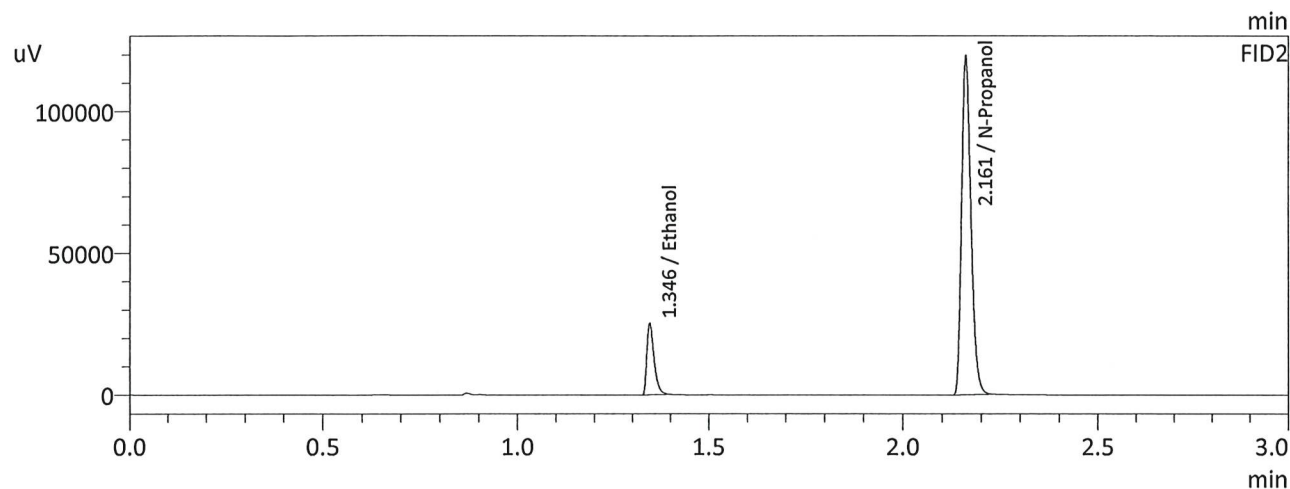
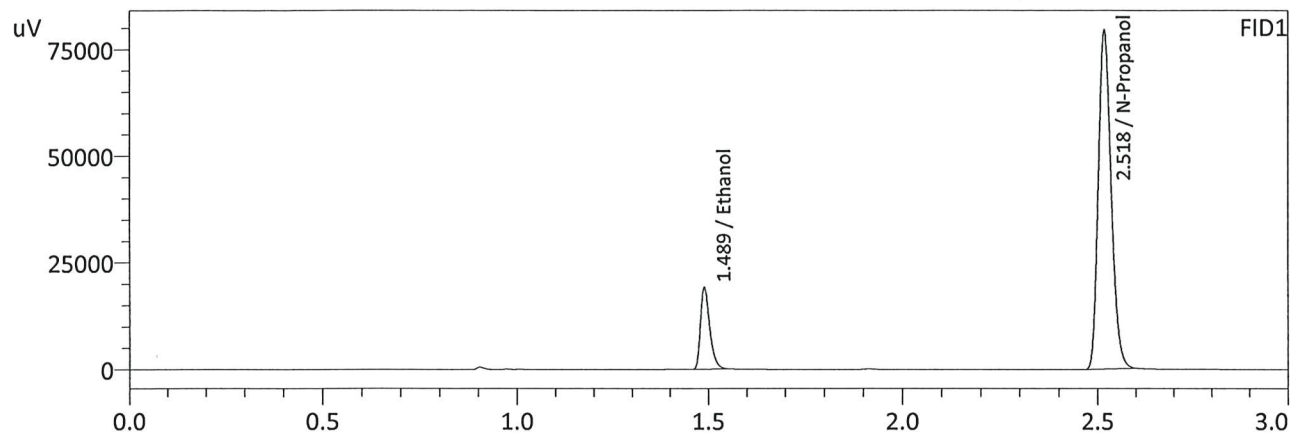
Refer To Instrument Method: ALCOHOL_240502_GG.gcm

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.

Sample Name : 0.08 QA
 Laboratory : Meridian
 Injection Date : 5/2/2024 1:26:49 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

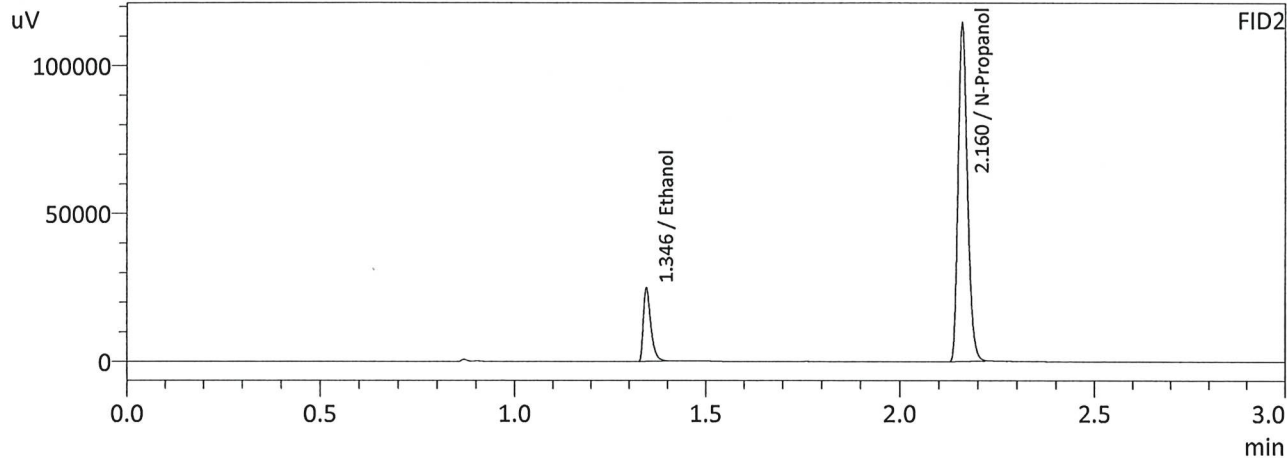
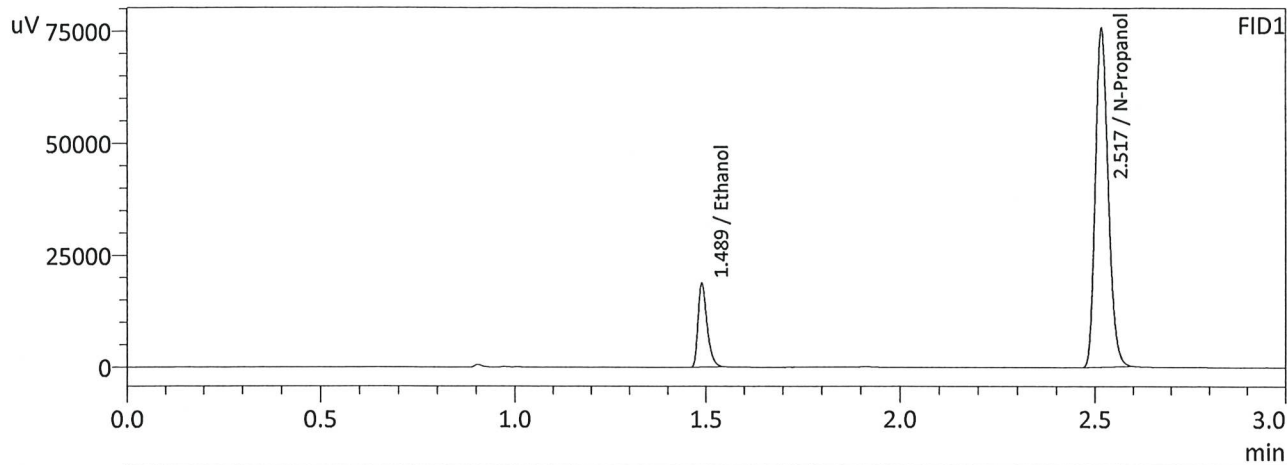
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0793	31788	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	185057	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0790	33853	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	198448	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.08 QA
 Laboratory : Meridian
 Injection Date : 5/2/2024 1:34:00 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0811	31082	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	176777	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0811	33196	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	189518	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1		Analysis Date(s): 5/2/2024 1:09:12 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0791	0.0788	0.0003	0.0789	0.0021	0.0800
(g/100cc)	0.0811	0.0810	0.0001	0.0810		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_240502_GG.gcm

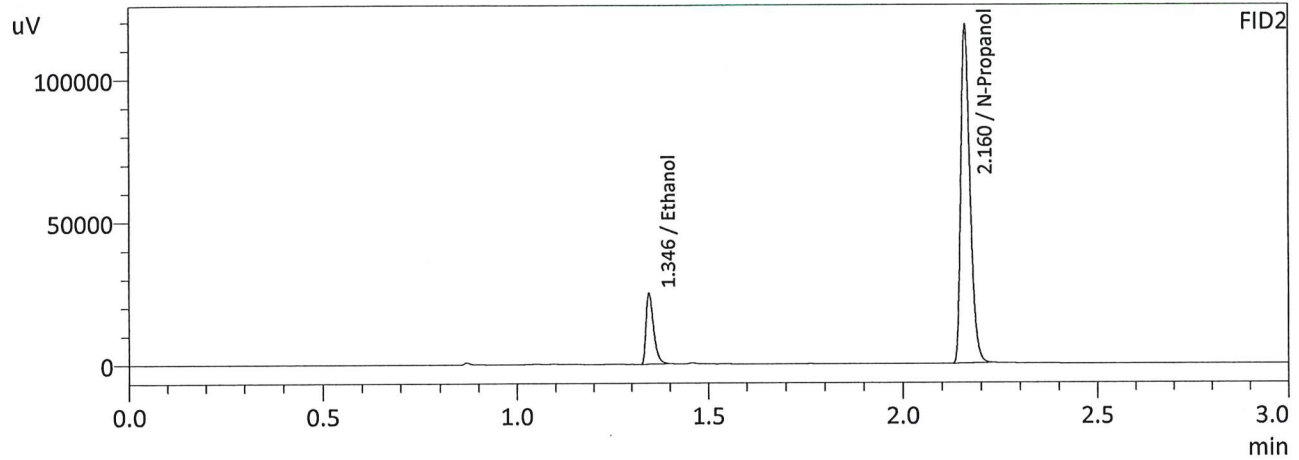
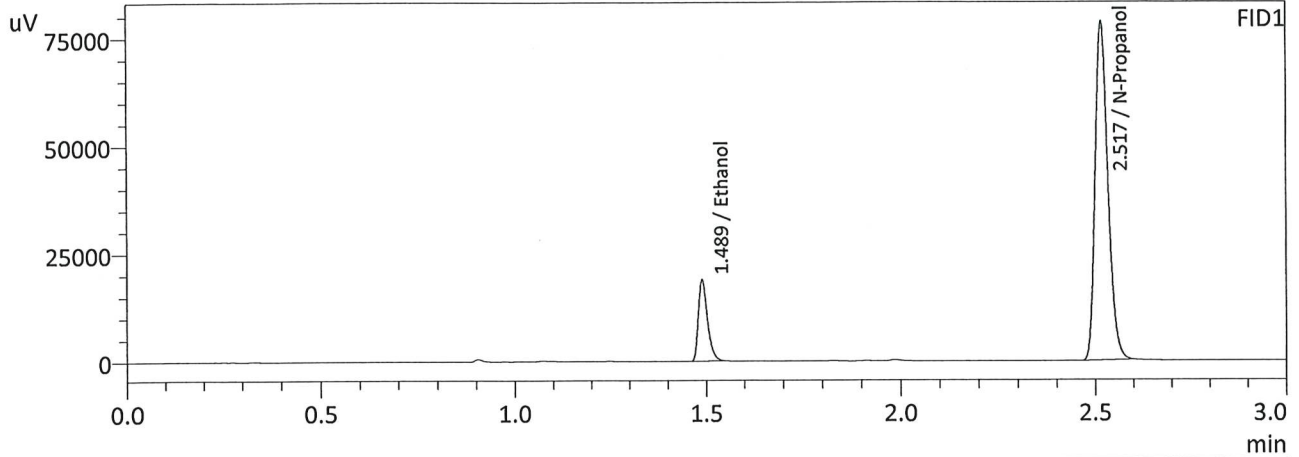
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

Reported Results	
0.080	

Calibration and control data are stored centrally.

W

Sample Name : QC-1-1
 Laboratory : Meridian
 Injection Date : 5/2/2024 1:09:12 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

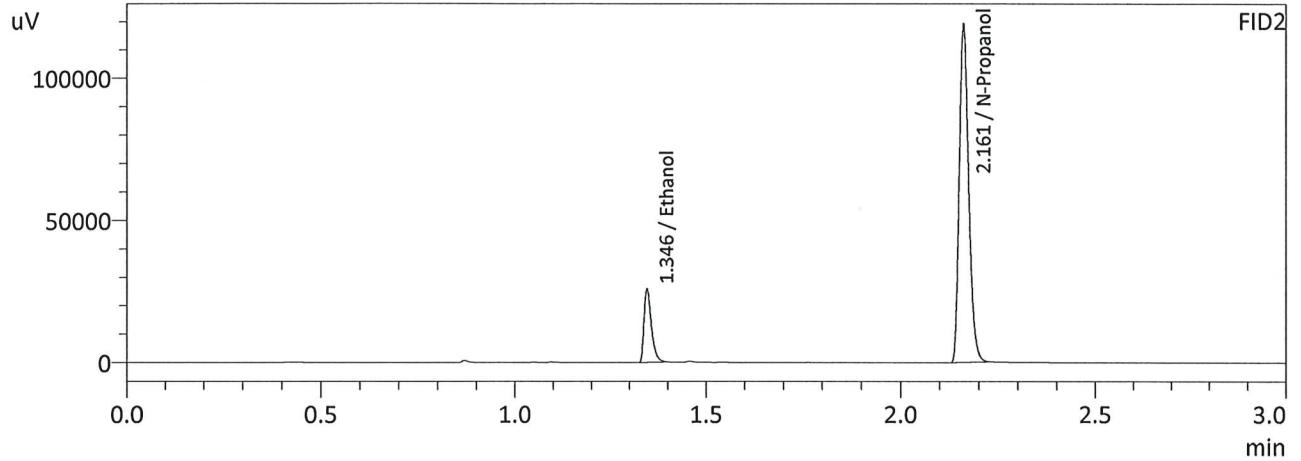
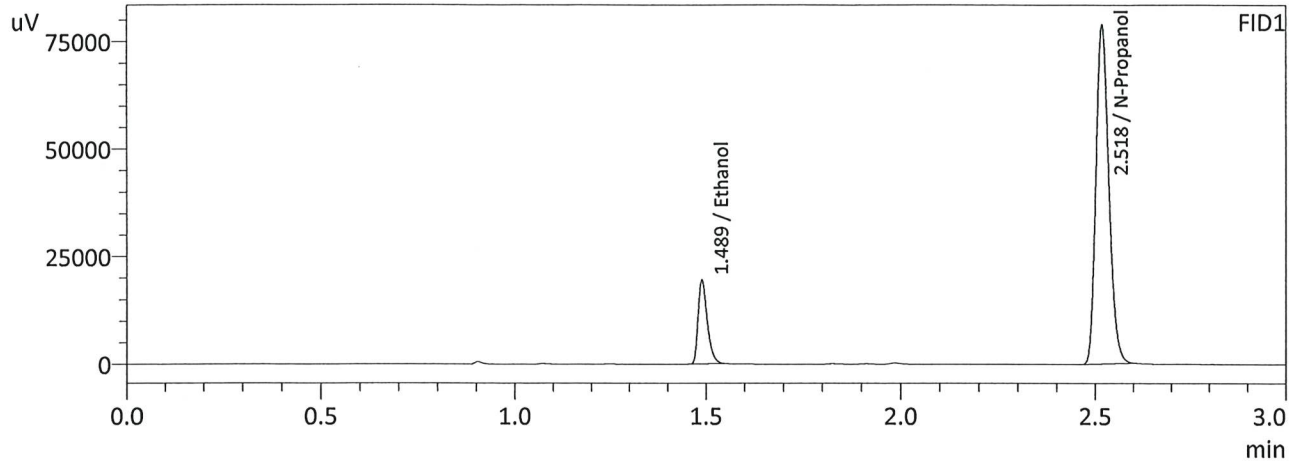
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0791	31350	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182965	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0788	33403	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	196378	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC-1-1-B
 Laboratory : Meridian
 Injection Date : 5/2/2024 1:18:07 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0811	32335	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	184005	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0810	34535	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	197455	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2			Analysis Date(s): 5/2/2024 7:09:53 PM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0842	0.0845	0.0003	0.0843	0.0001	0.0844
(g/100cc)	0.0842	0.0847	0.0005	0.0844		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

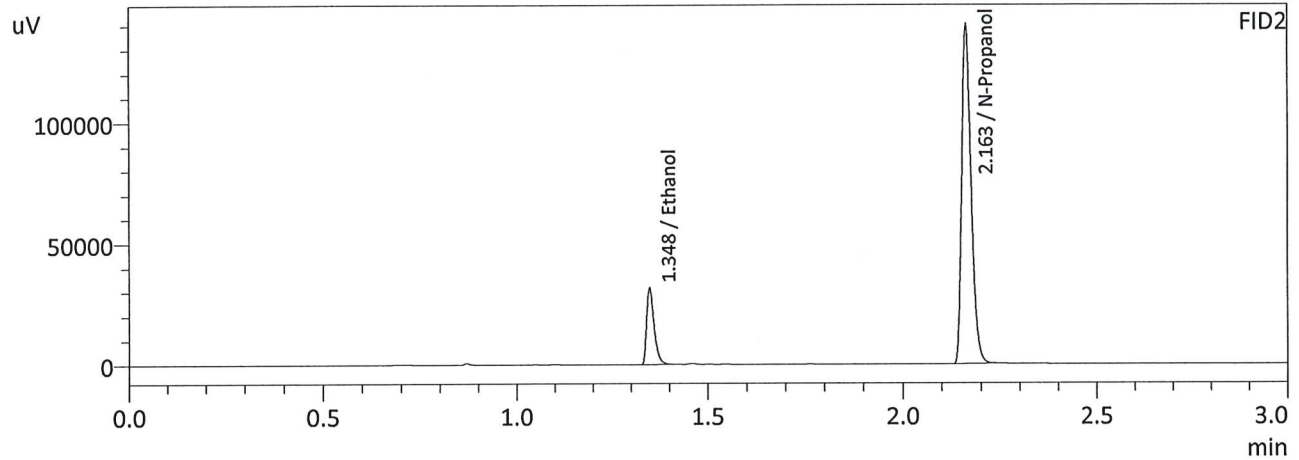
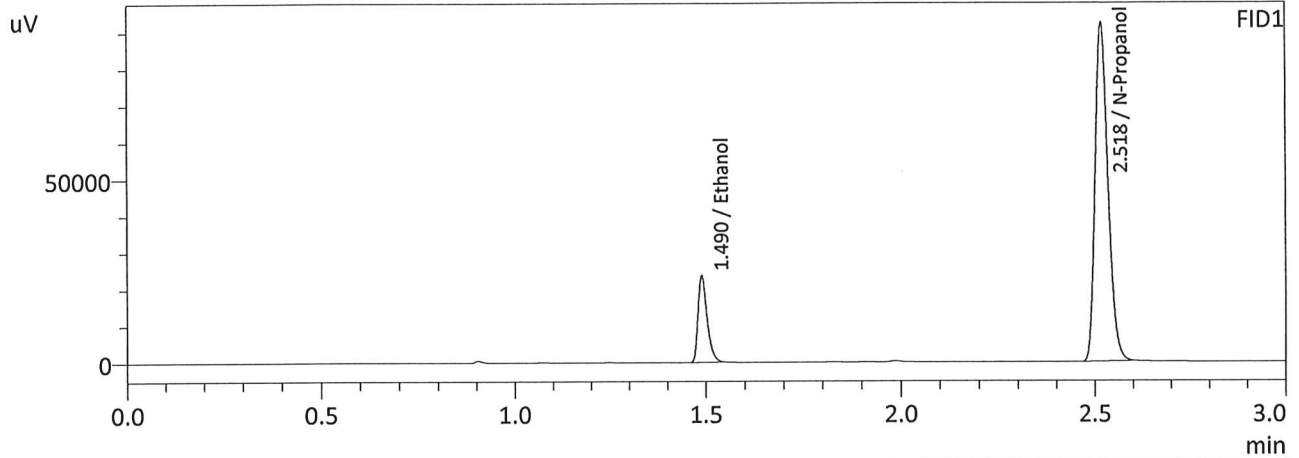
Refer To Instrument Method: ALCOHOL_240502_GG.gcm

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.

Sample Name : QC1-2
 Laboratory : Meridian
 Injection Date : 5/2/2024 7:09:53 PM
 Vial # : 47
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

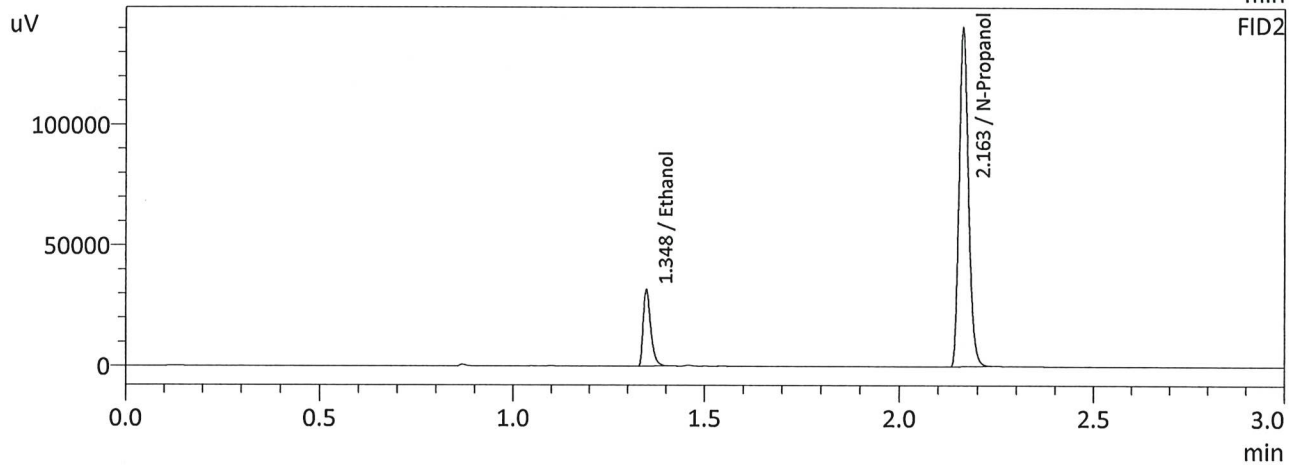
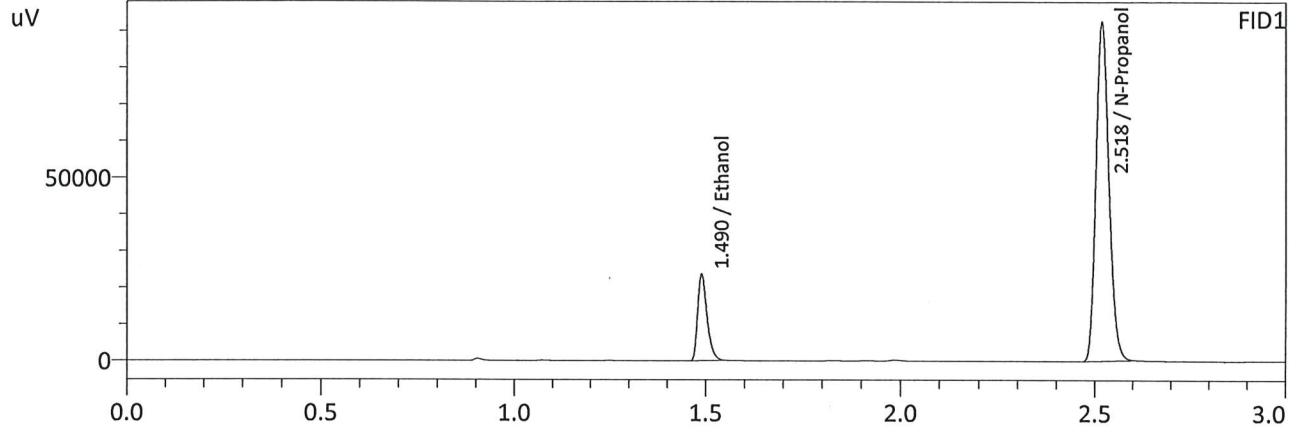
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0842	39289	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	215205	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0845	42432	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	232095	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC1-2-B
 Laboratory : Meridian
 Injection Date : 5/2/2024 7:18:25 PM
 Vial # : 48
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0842	39428	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	215795	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0847	42641	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	232724	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

(Handwritten mark)

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 5/2/2024 4:09:36 PM(-06:00)				
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.2101	0.2101	0.0000	0.2101	0.0038	0.2120
(g/100cc)	0.2139	0.2139	0.0000	0.2139		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

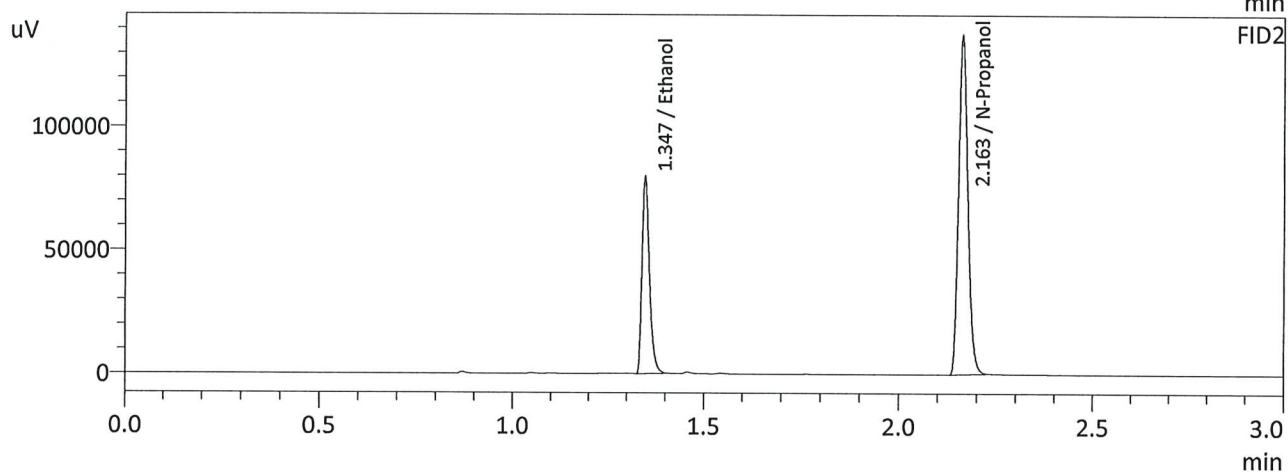
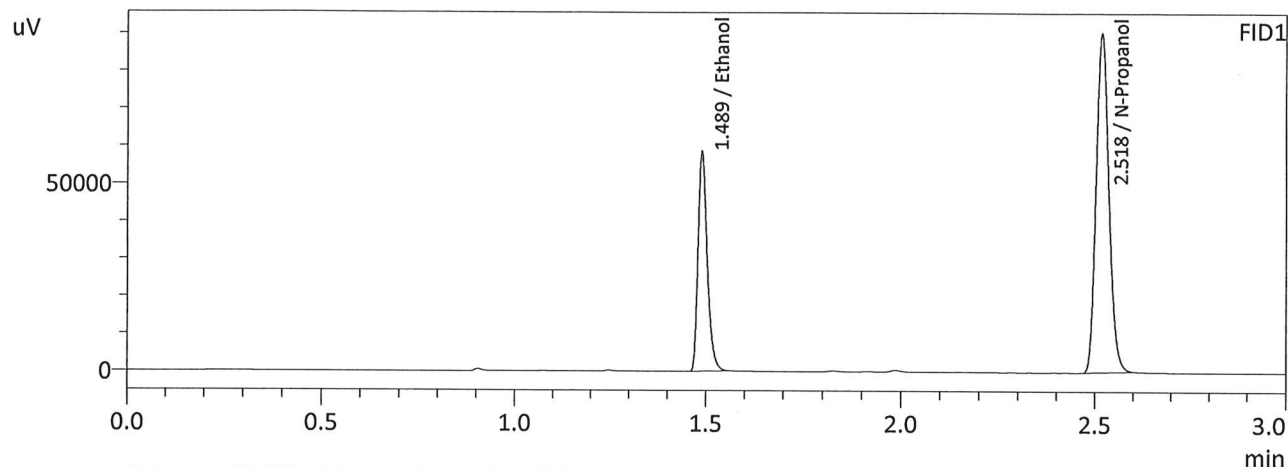
Refer To Instrument Method: ALCOHOL_240502_GG.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.212	0.201	0.223	0.011

Reported Results	
0.212	

Calibration and control data are stored centrally.

Sample Name : QC-2-1
 Laboratory : Meridian
 Injection Date : 5/2/2024 4:09:36 PM
 Vial # : 25
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

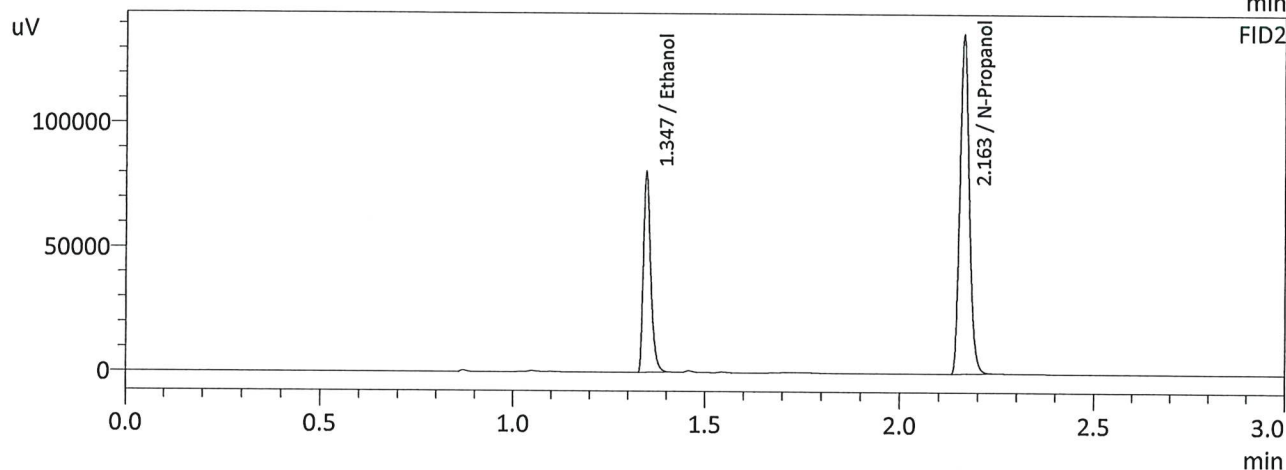
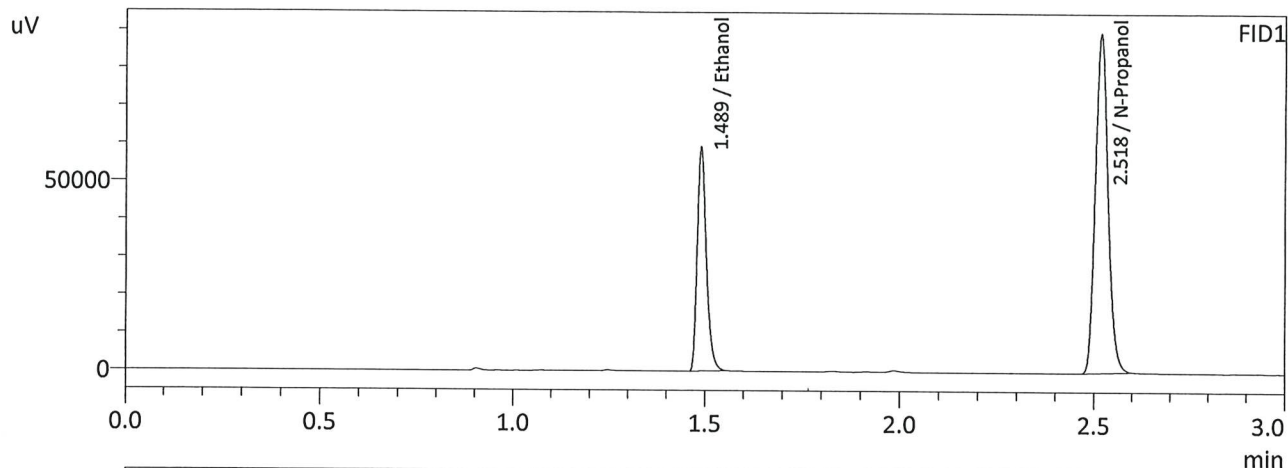
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2101	97192	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	210544	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2101	105708	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	227507	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC-2-1-B
 Laboratory : Meridian
 Injection Date : 5/2/2024 4:17:13 PM
 Vial # : 26
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2139	98269	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	209107	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2139	106902	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	225897	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-2

Analysis Date(s): 5/2/2024 7:25:38 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2123	0.2125	0.0002	0.2124	0.0005	0.2126
(g/100cc)	0.2128	0.2130	0.0002	0.2129		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

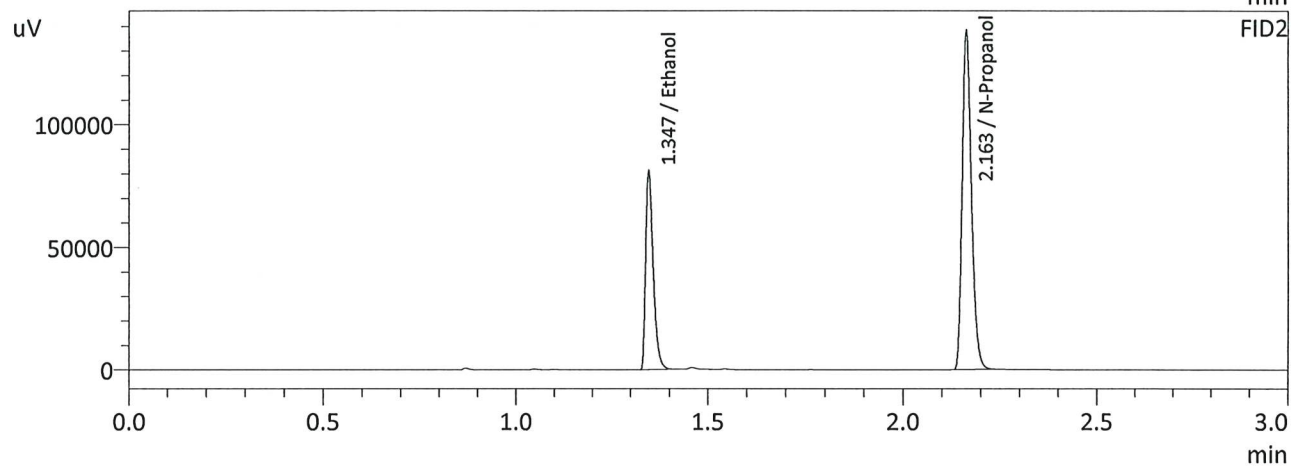
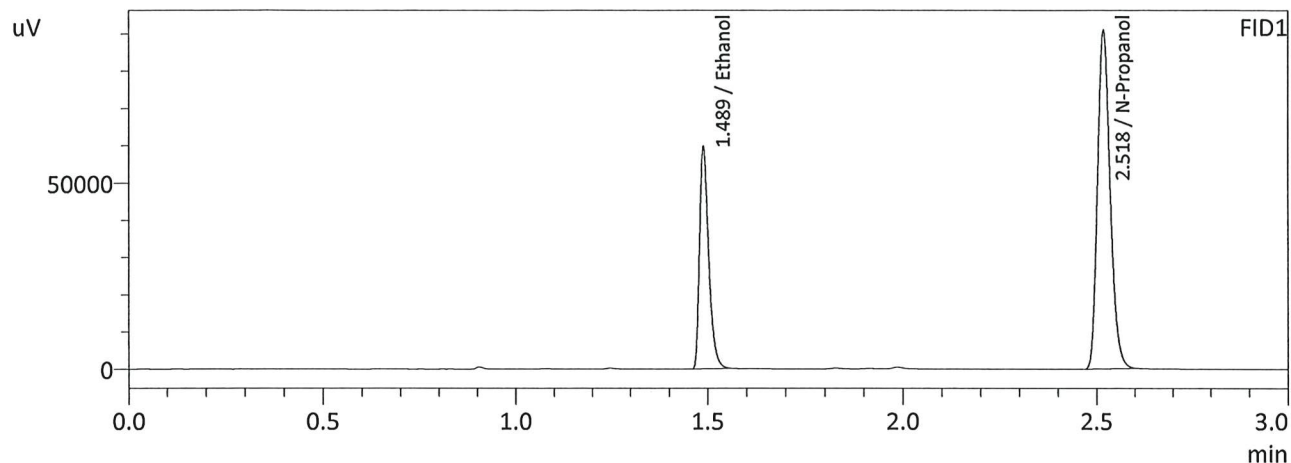
Refer To Instrument Method: ALCOHOL_240502_GG.gcm

Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.212	0.201	0.223	0.011

	Reported Results	
	0.212	

Calibration and control data are stored centrally.

Sample Name : QC2-2
 Laboratory : Meridian
 Injection Date : 5/2/2024 7:25:38 PM
 Vial # : 49
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

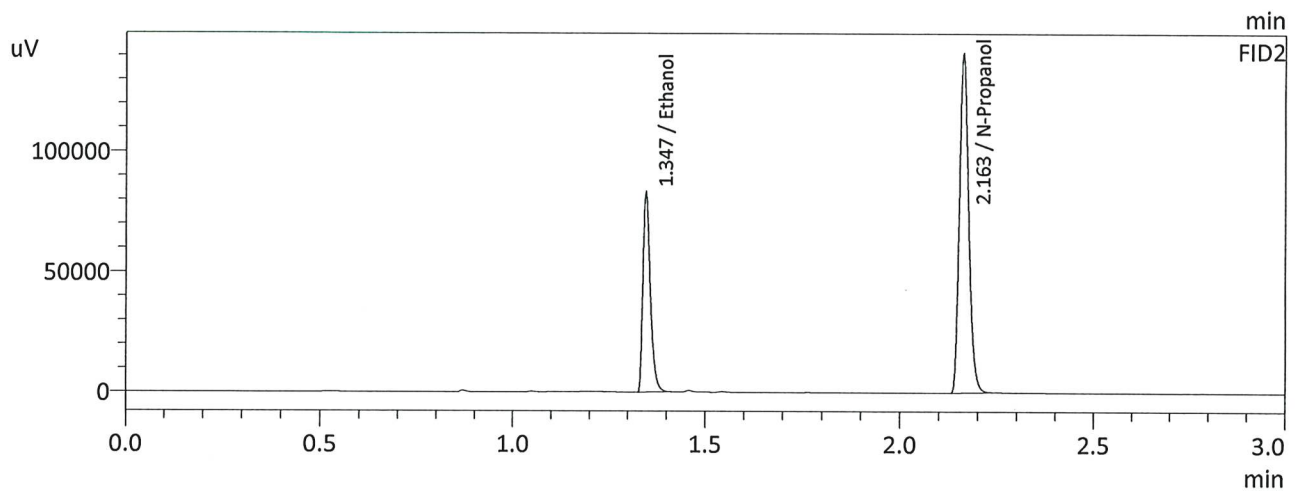
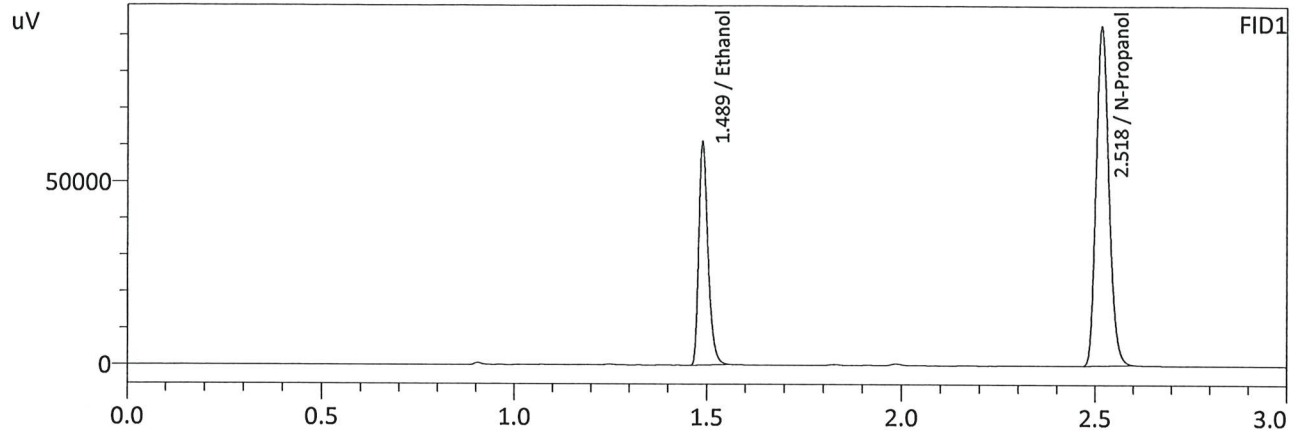
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2123	98941	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	212082	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2125	107555	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	228814	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC2-2-B
 Laboratory : Meridian
 Injection Date : 5/2/2024 7:33:46 PM
 Vial # : 50
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

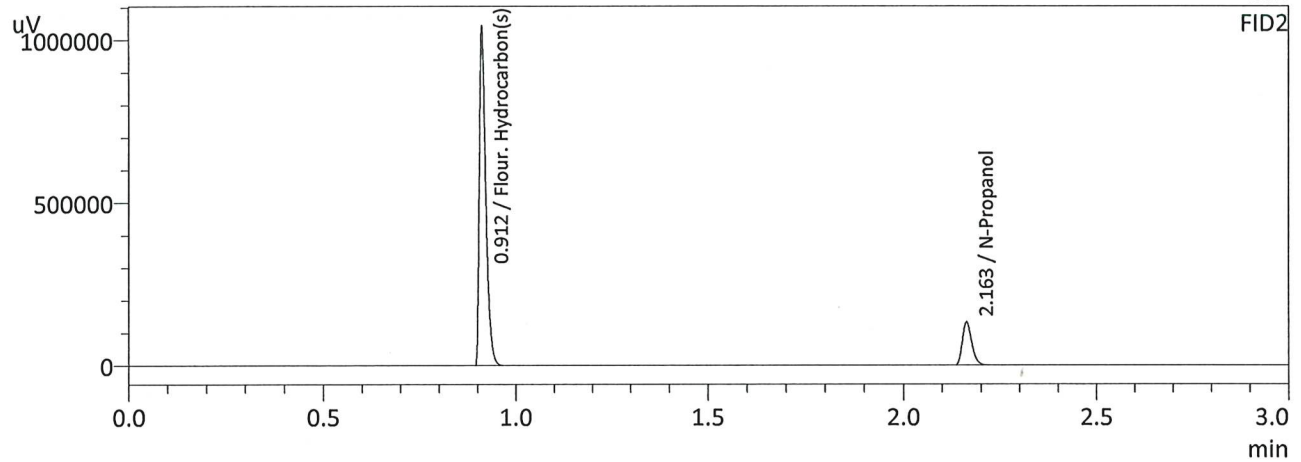
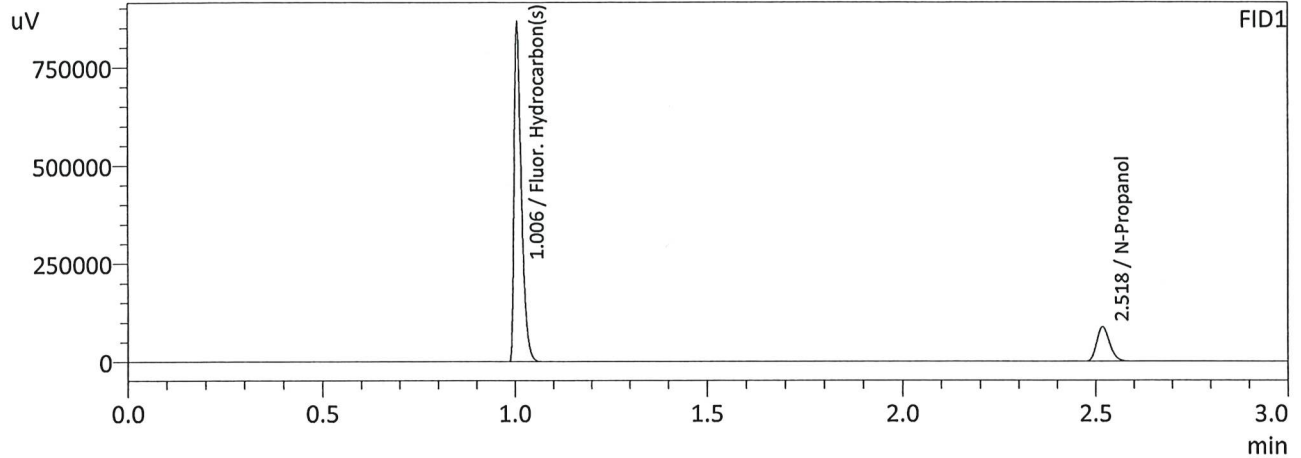
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2128	101113	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	216226	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2130	109955	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	233400	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : DFE LOT 111914 OM
 Laboratory : Meridian
 Injection Date : 5/2/2024 7:49:53 PM
 Vial # : 52
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

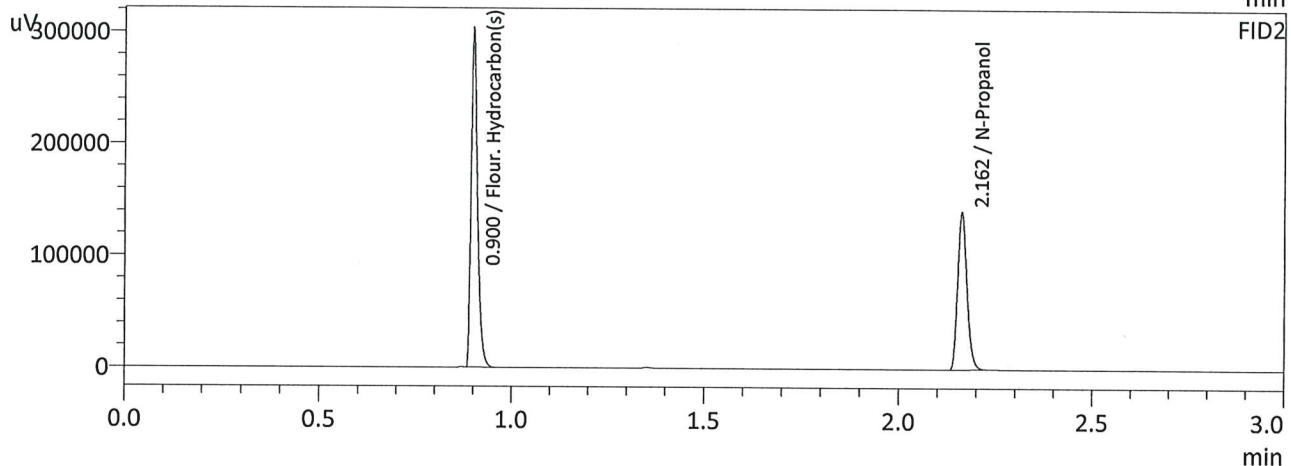
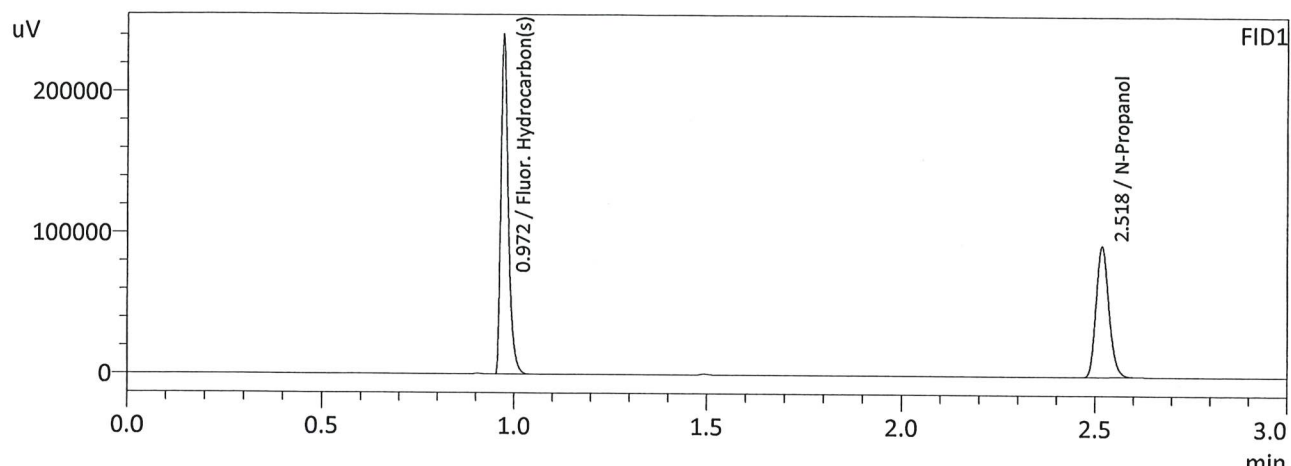
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	204774	g/100cc
Flour. Hydrocarbon(s)	0.0000	1120174	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	221090	g/100cc
Flour. Hydrocarbon(s)	0.0000	1203791	g/100cc

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Sample Name : TFE LOT 111914
 Laboratory : Meridian
 Injection Date : 5/2/2024 8:07:16 PM
 Vial # : 54
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

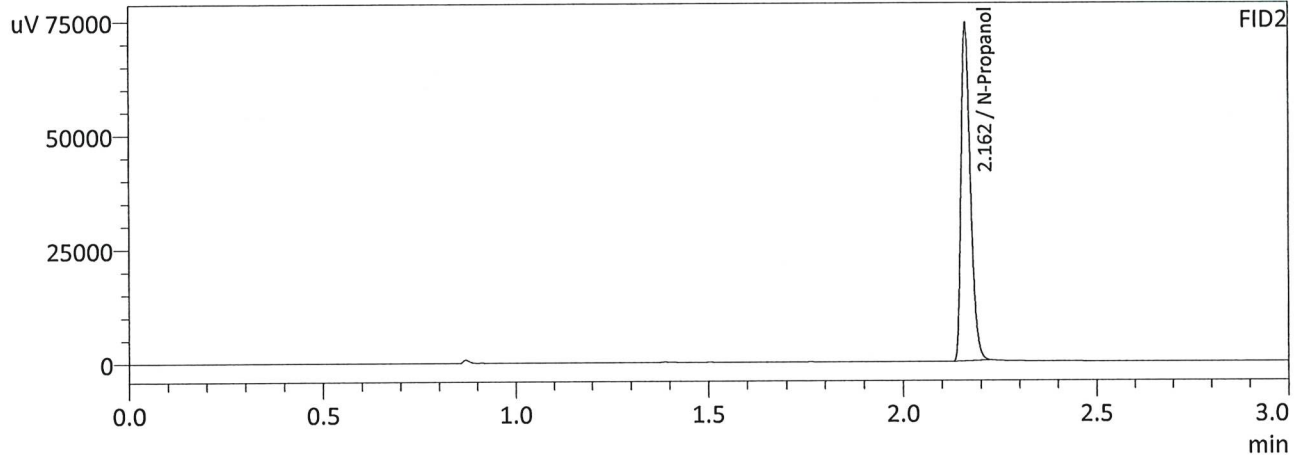
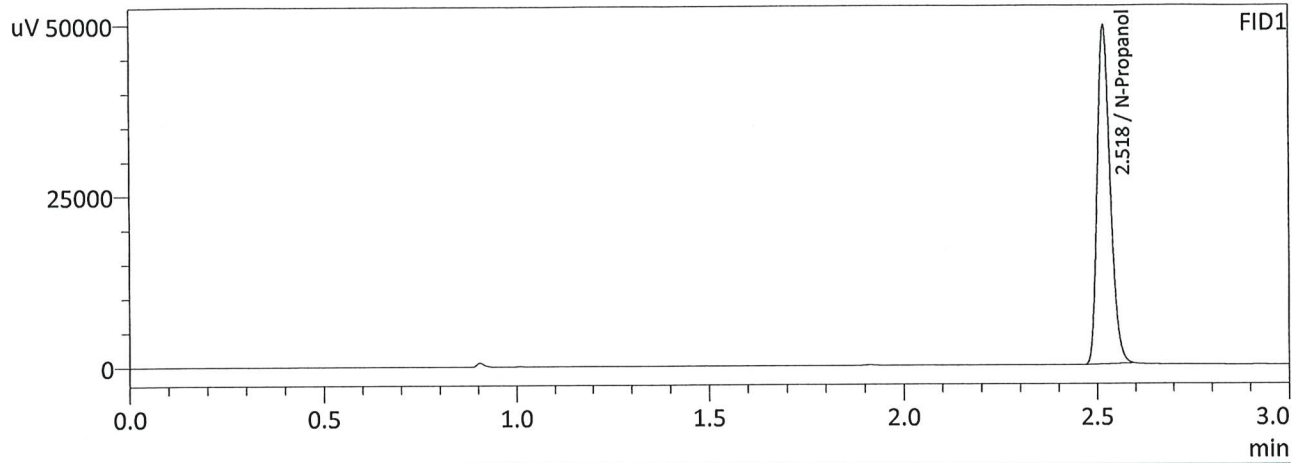
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	216979	g/100cc
Fluor. Hydrocarbon(s)	0.0000	321485	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	234026	g/100cc
Fluor. Hydrocarbon(s)	0.0000	350373	g/100cc

W

Sample Name : INT STD BLK 1
 Laboratory : Meridian
 Injection Date : 5/2/2024 12:54:32 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

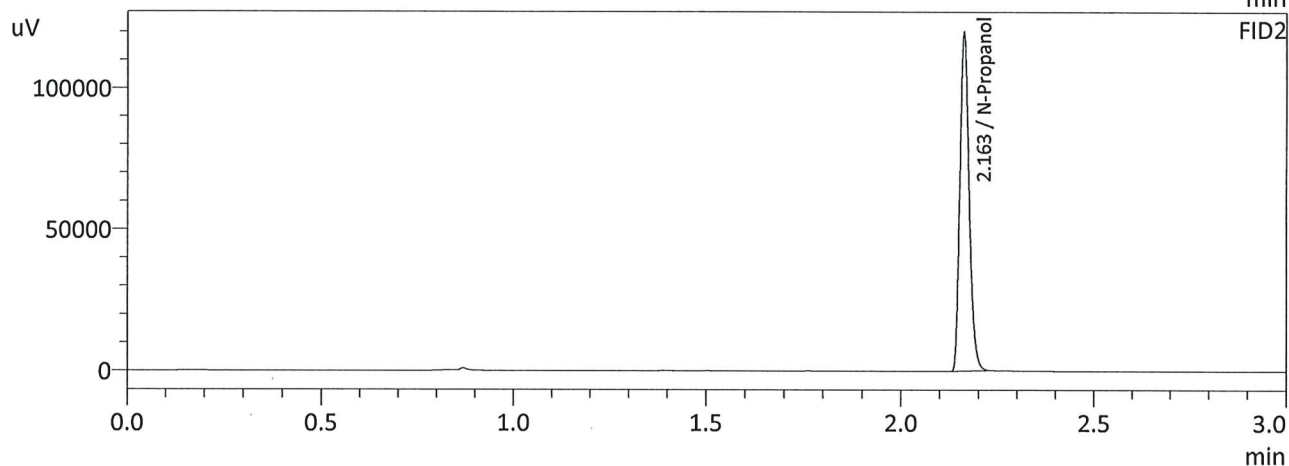
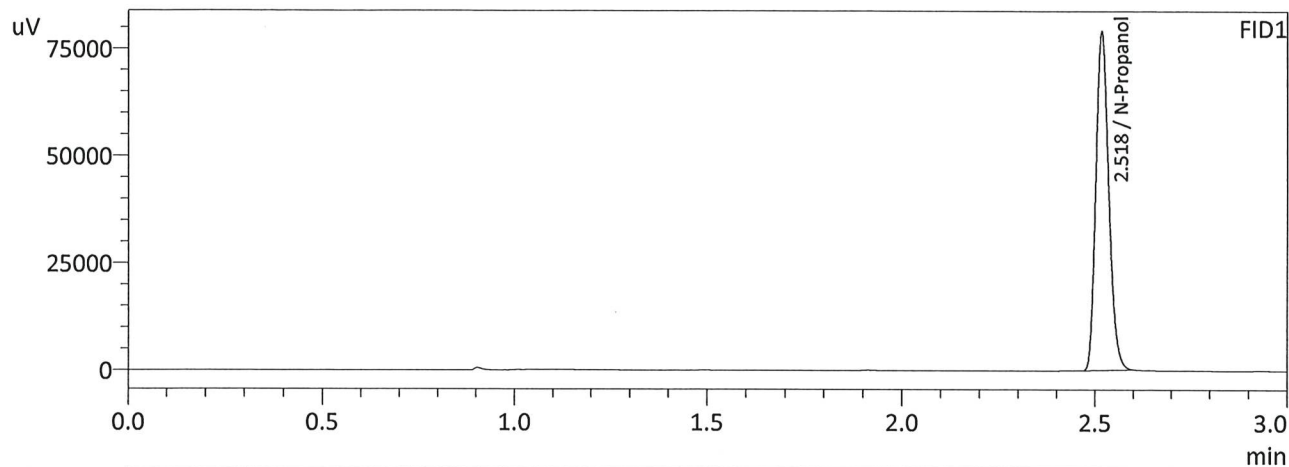
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	115646	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	123621	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : INT STD BLK 2
 Laboratory : Meridian
 Injection Date : 5/2/2024 7:42:16 PM
 Vial # : 51
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

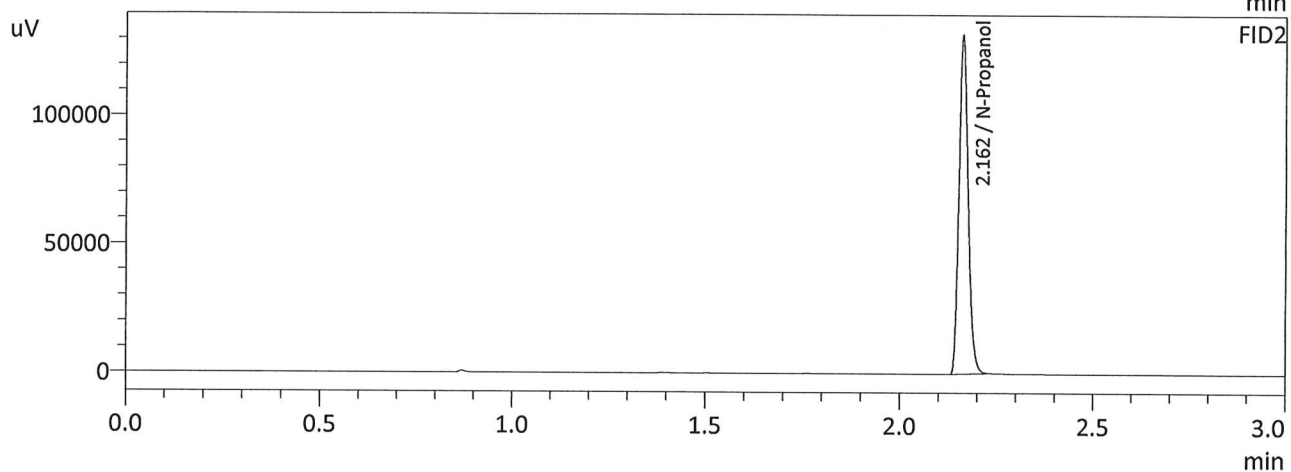
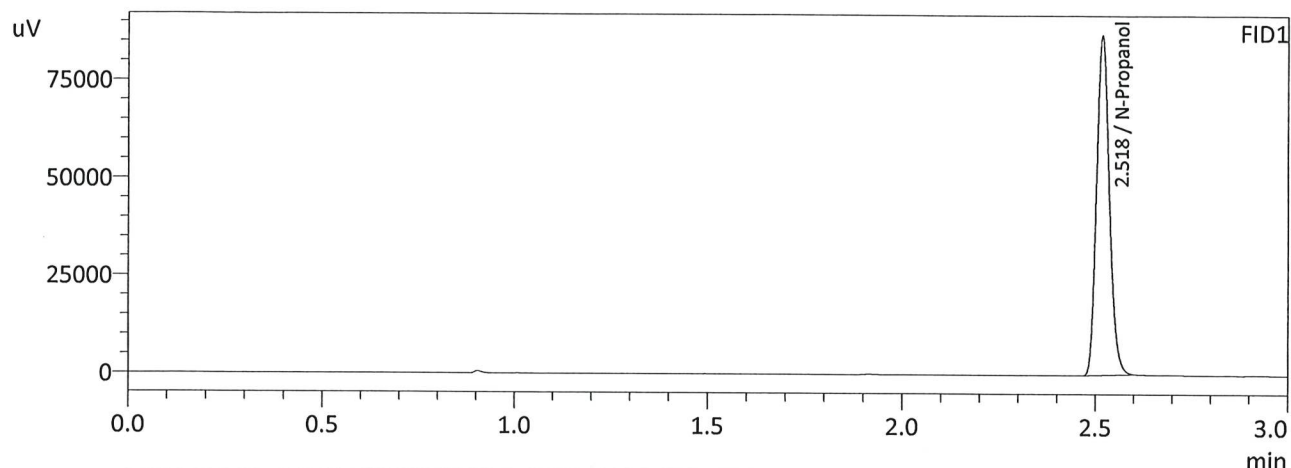
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	184877	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	199192	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

✓

Sample Name : INT STD BLK 3
 Laboratory : Meridian
 Injection Date : 5/2/2024 7:58:40 PM
 Vial # : 53
 Method Filename : Default Project - ALCOHOL_240502_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

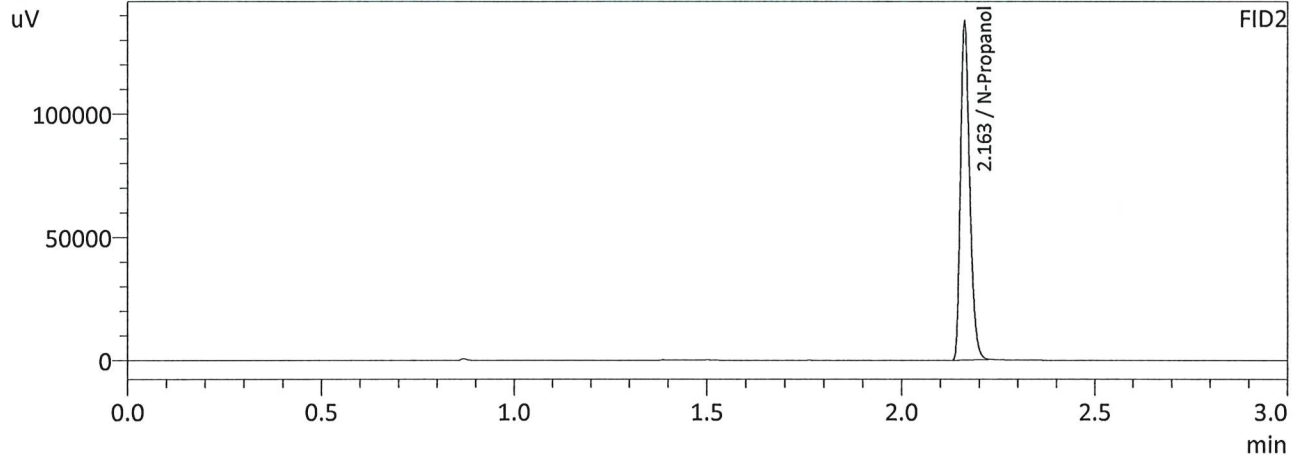
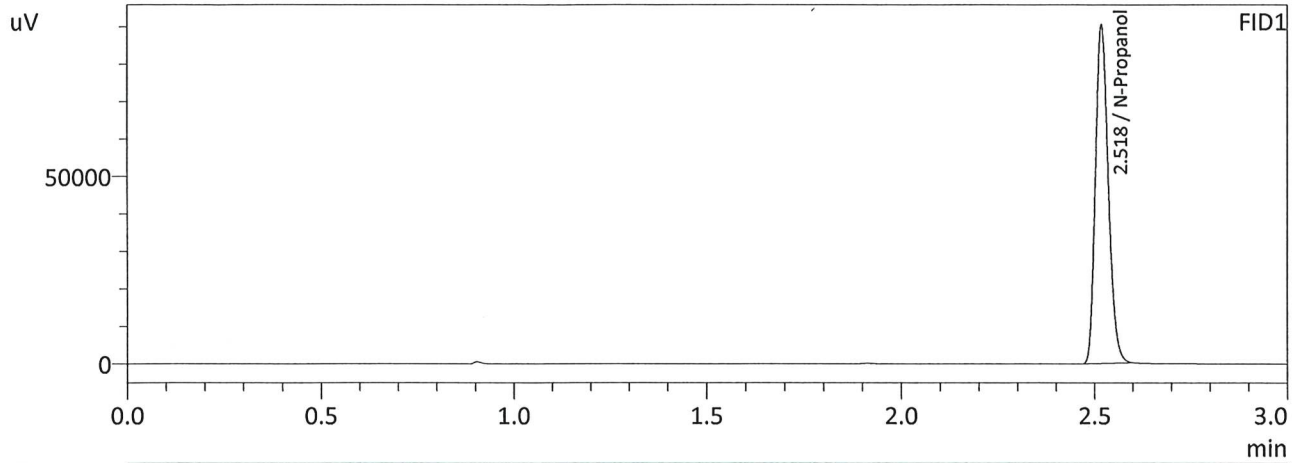
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	202831	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	218604	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : INT STD BLK 4
 Laboratory : Meridian
 Injection Date : 5/2/2024 8:14:27 PM
 Vial # : 55
 Method Filename : Default Project - ALCOHOL_240502_GG.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	210827	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	227882	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W