

REVIEWED

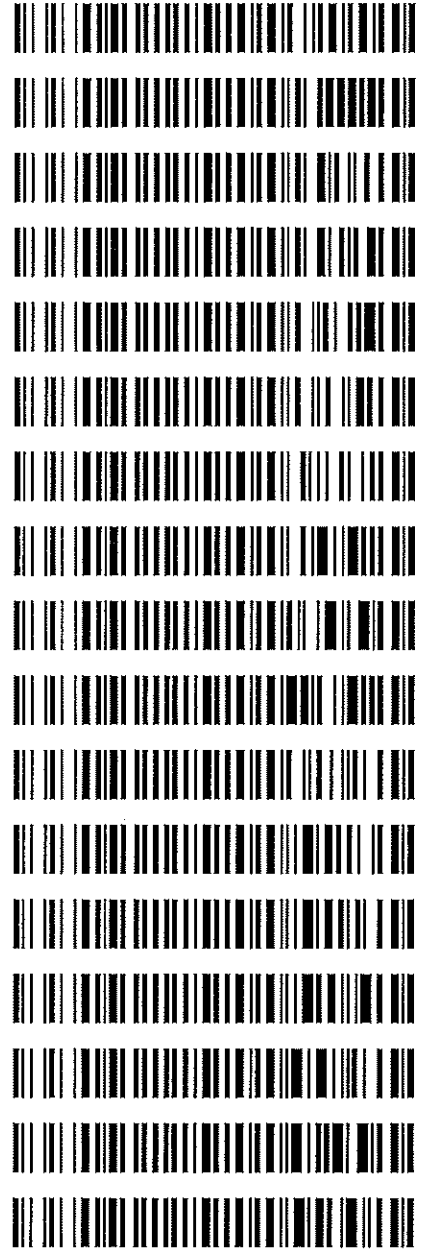
By Melissa (Nikka) Bradley at 10:24 am, Oct 11, 2024

NB

10/11/2024

Worklist: 6952

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2024-3974	2	BCK	Alcohol Analysis
M2024-4136	1	BCK	Alcohol Analysis
M2024-4137	1	BCK	Alcohol Analysis
M2024-4138	1	BCK	Alcohol Analysis
M2024-4151	1	BCK	Alcohol Analysis
M2024-4152	1	BCK	Alcohol Analysis
M2024-4170	1	BCK	Alcohol Analysis
M2024-4199	1	BCK	Alcohol Analysis
M2024-4240	1	BCK	Alcohol Analysis
M2024-4251	1	BCK	Alcohol Analysis
M2024-4256	3	BCK	Alcohol Analysis
M2024-4283	1	BCK	Alcohol Analysis
M2024-4284	1	BCK	Alcohol Analysis
M2024-4285	1	BCK	Alcohol Analysis
M2024-4322	1	BCK	Alcohol Analysis
M2024-4323	1	BCK	Alcohol Analysis
M2024-4324	1	BCK	Alcohol Analysis



Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600HC11378

Volatiles Quality Assurance Controls	
Run Date(s):	10/10/2024
Calibration Date:	09/27/2024

Worklist #: 6952

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 0.0815 g/100cc g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2092 g/100cc 0.2102 g/100cc g/100cc
Multi-Component mixture:		Exp:	Oct. 2024	Lot #	FN06041902
Curve Fit:		Column 1	0.99991	Column2	0.99992

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0518	0.0516	0.0002	0.0517
100	0.100	0.090 - 0.110	0.0989	0.0993	0.0004	0.0991
200	0.200	0.180 - 0.220	0.1978	0.1977	0.0001	0.1977
300	0.300	0.270 - 0.330	0.3011	0.3009	0.0002	0.301
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5002	0.5002	0	0.5002

Aqueous Controls

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

Internal Standard Monitoring Worksheet

Worklist #: 6952 Run Date(s): 10/10/2024

Internal Standard Solution: Prep Date: 8/5/2024 Exp Date: 2/5/2025

Sample Name	Column 1 Value	Column 2 Value
0.080	235317	256447
0.080	204056	222444
QC1	212620	231459
QC1	216861	236353
QC1	239364	261463
QC1	245137	267770
QC1		
QC1		
QC2	244083	266877
QC2	242504	264757
QC2	238408	260498
QC2	251200	274554
QC2		
QC2		

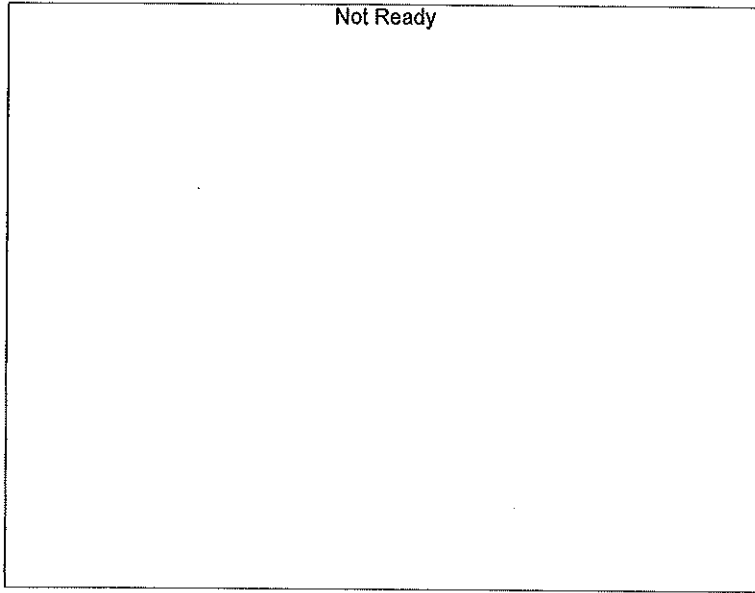
Average	(-)20%	(+)20%
232955.0	186364.0	279546.0
254262.2	203409.8	305114.6

hr
 Revision: 5
 Issue Date: 07/05/2022
 Issuing Authority: Quality Manager

Calibration Table

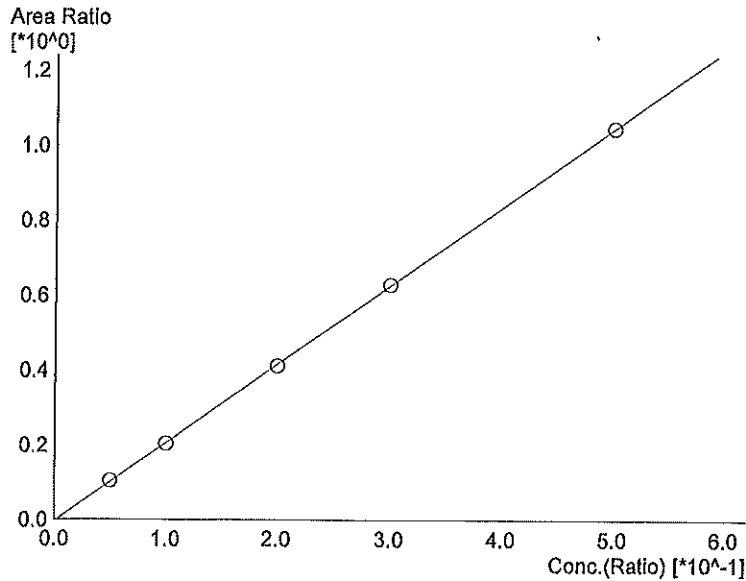
Laboratory : MERIDIAN
 Instrument Name : GC-BAC
 Instrument Serial # : C12595800409 / C12255750548

<<Data File>>
 Method File :Default Project - ALCOHOL_240927_GG.gcm
 Batch File :Default Project - CALCURVE_240927_GG.gcb
 Date Acquired :9/27/2024 10:35:50 AM
 Date Created :9/27/2024 10:31:11 AM
 Date Modified :9/27/2024 10:55:36 AM



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

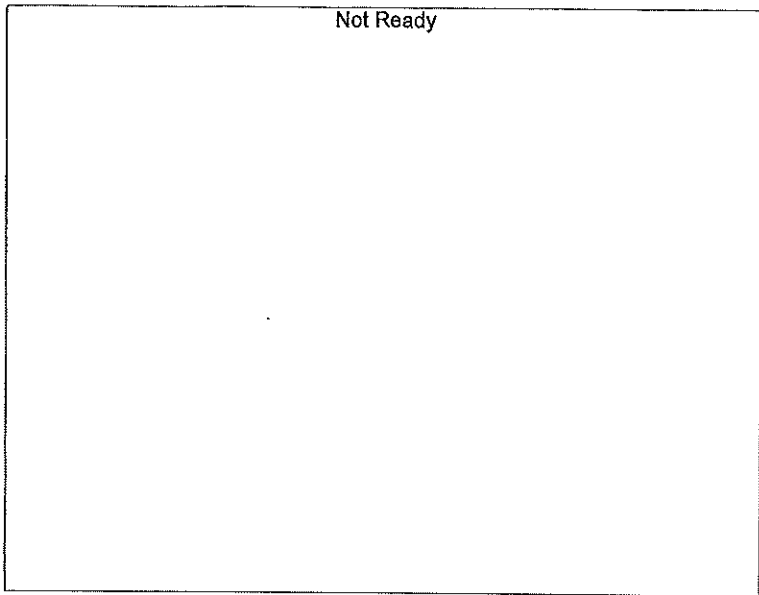
#	Conc.	Area	Std. Conc.
---	-------	------	------------



Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.10260*x-0.00445363$
 R² value= 0.9999195
 FitType: Linear
 ZeroThrough: Not Through

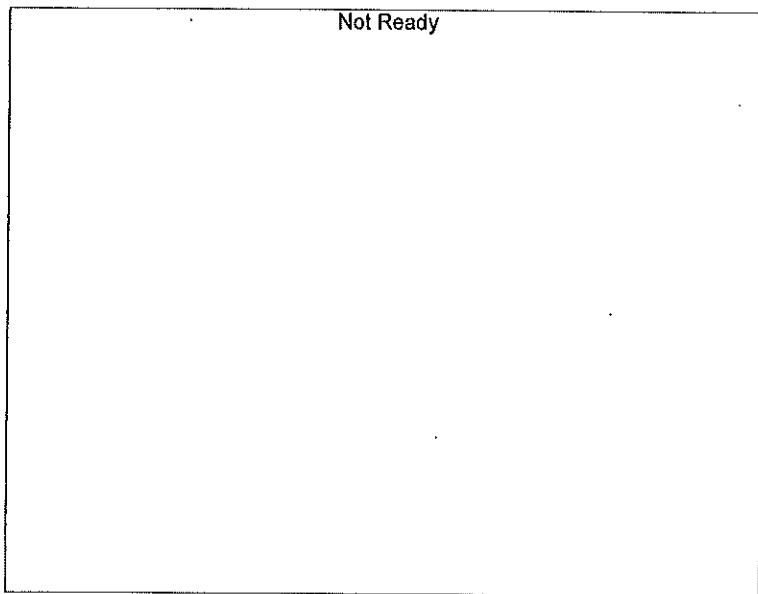
#	Conc.	Area	Std. Conc.
1	0.050	20512	0.0518
2	0.100	39326	0.0989
3	0.200	78503	0.1978
4	0.300	123596	0.3011
5	0.500	213496	0.5002

W



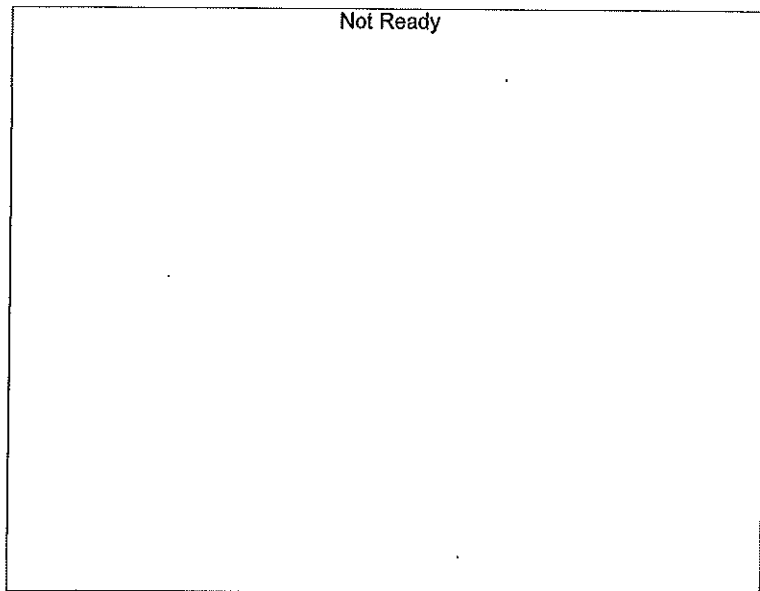
Name : Isopropyl Alcohol
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

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



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

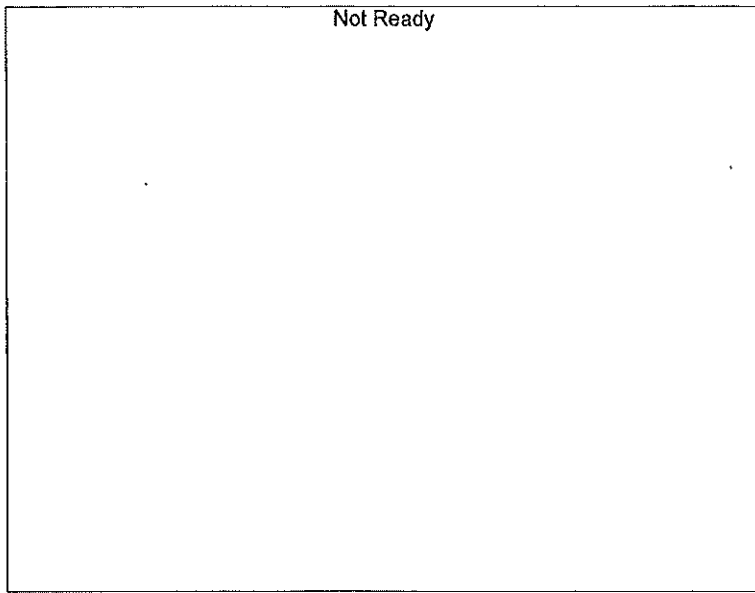
#	Conc.	Area	Std. Conc.
---	-------	------	------------



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

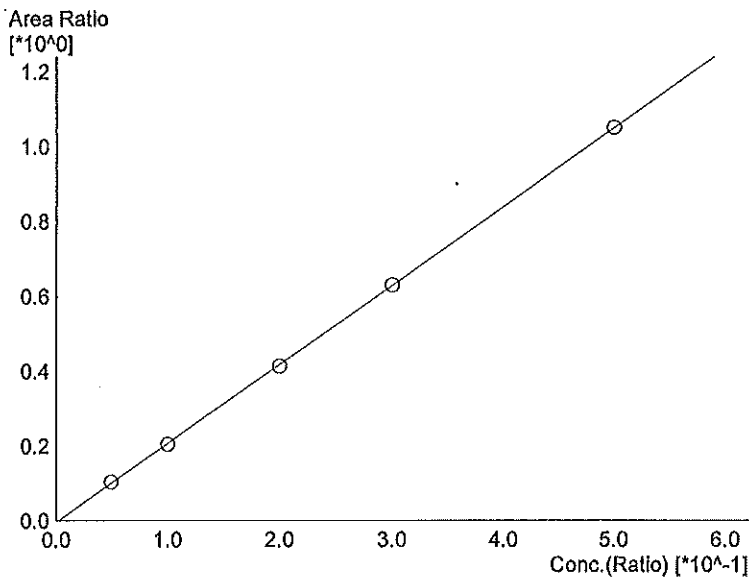
#	Conc.	Area	Std. Conc.
---	-------	------	------------

W



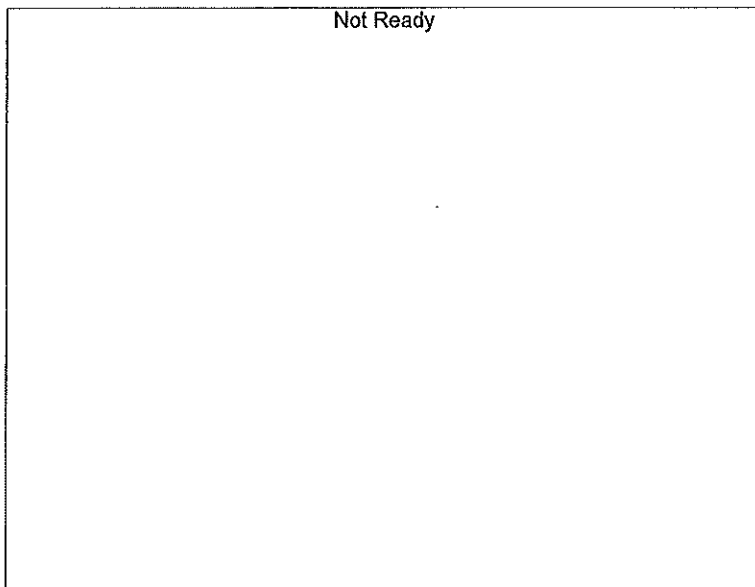
Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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



Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.11181*x-0.00537057$
 R² value= 0.9999293
 FitType: Linear
 ZeroThrough: Not Through

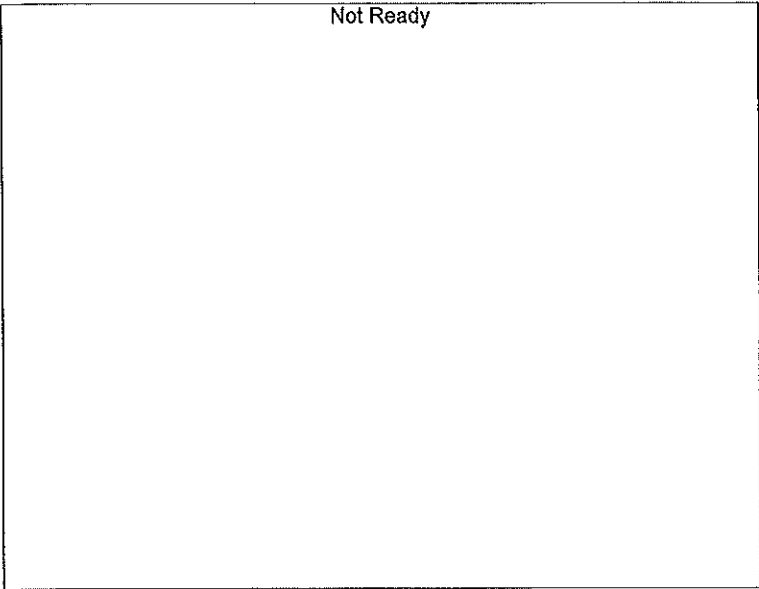
#	Conc.	Area	Std. Conc.
1	0.050	22149	0.0516
2	0.100	42950	0.0993
3	0.200	85675	0.1977
4	0.300	134884	0.3009
5	0.500	233123	0.5002



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

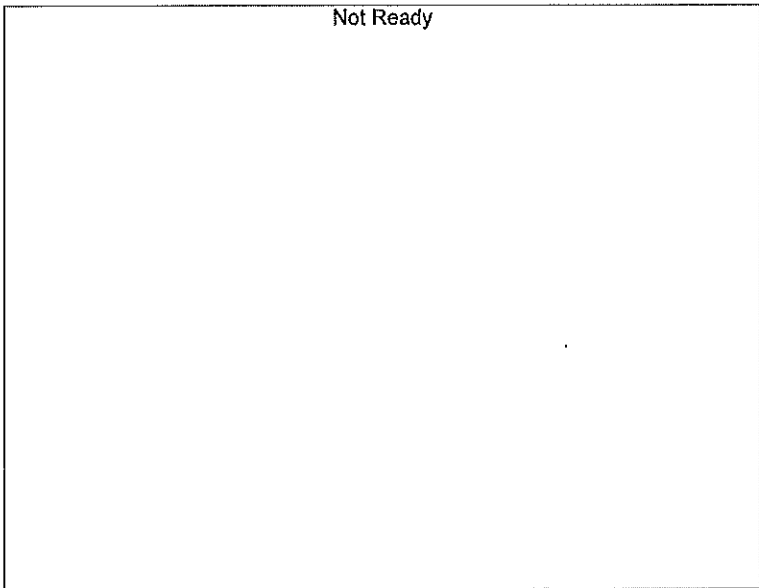
#	Conc.	Area	Std. Conc.
---	-------	------	------------

W



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.
---	-------	------	------------

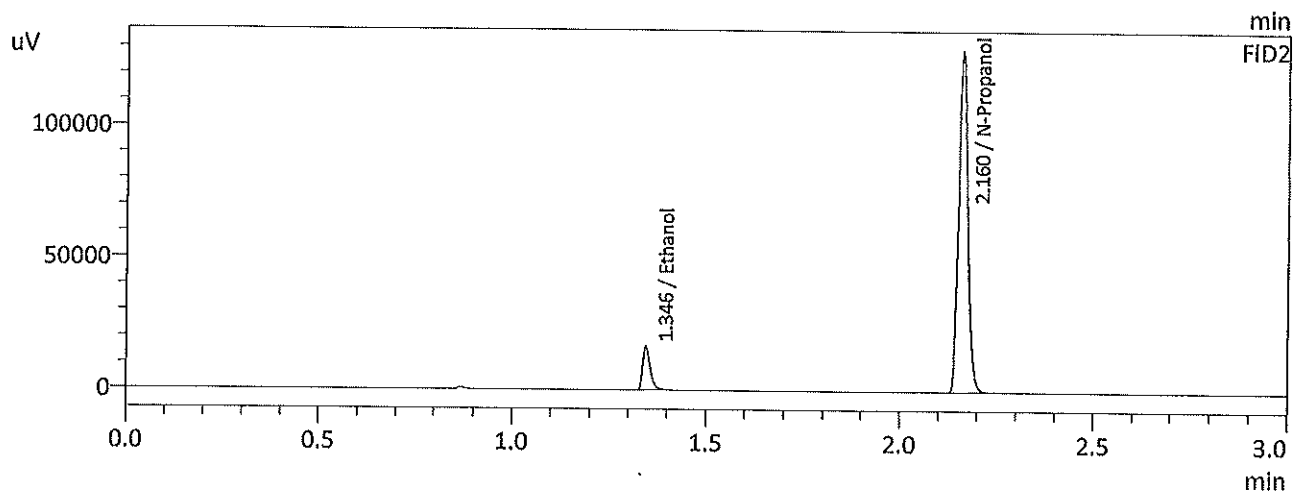
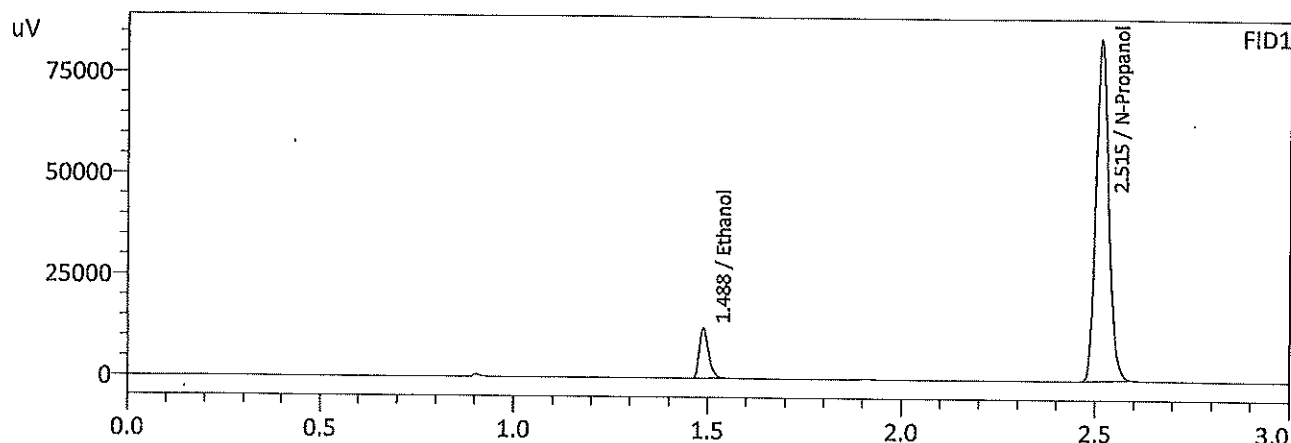


Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

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

W

Sample Name : 0.050
 Laboratory : Meridian
 Injection Date : 9/27/2024 10:04:44 AM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

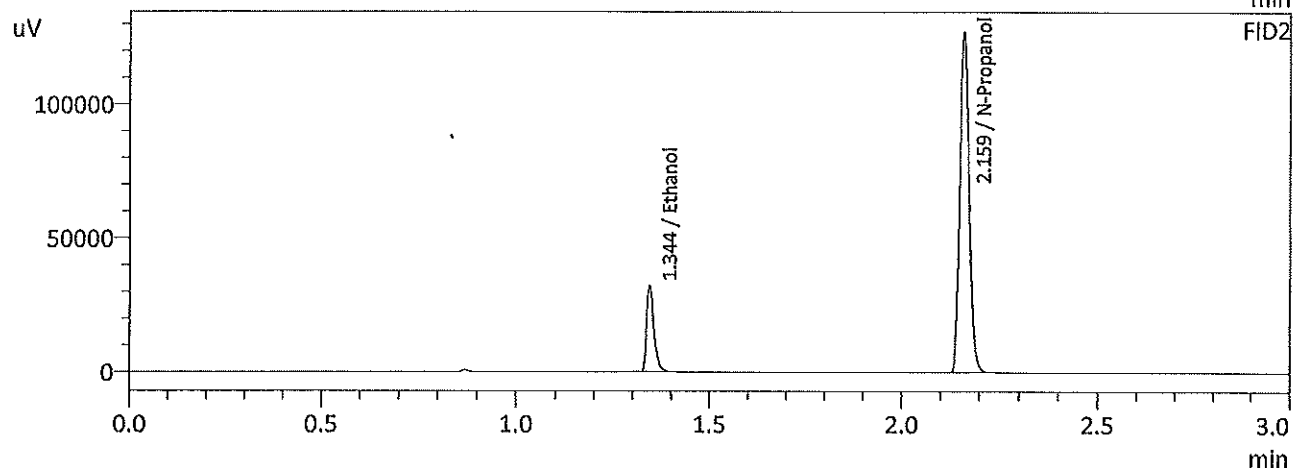
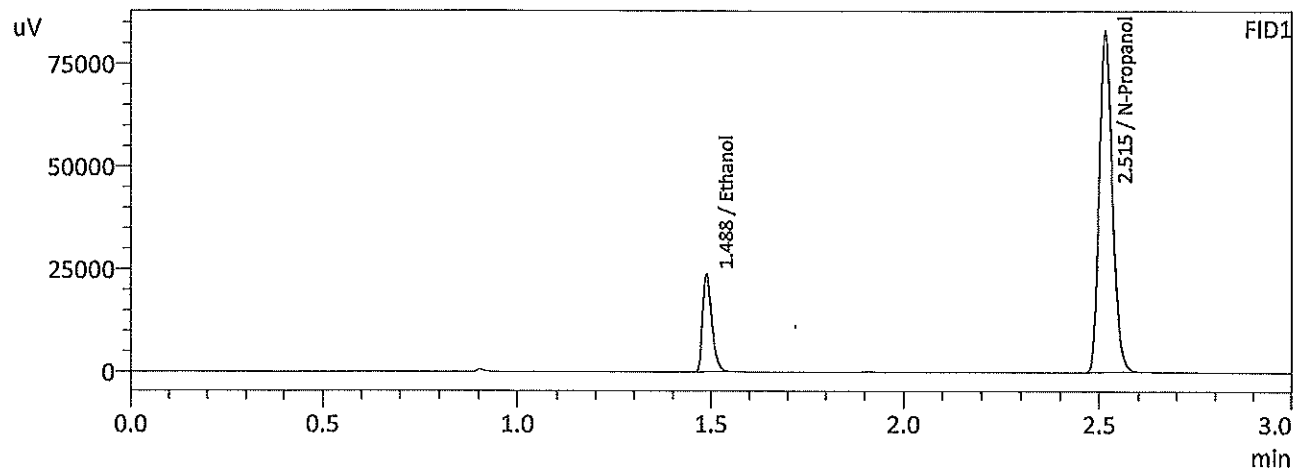
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0518	20512	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196125	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0516	22149	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	213622	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Handwritten mark

Sample Name : 0.100
 Laboratory : Meridian
 Injection Date : 9/27/2024 10:12:05 AM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

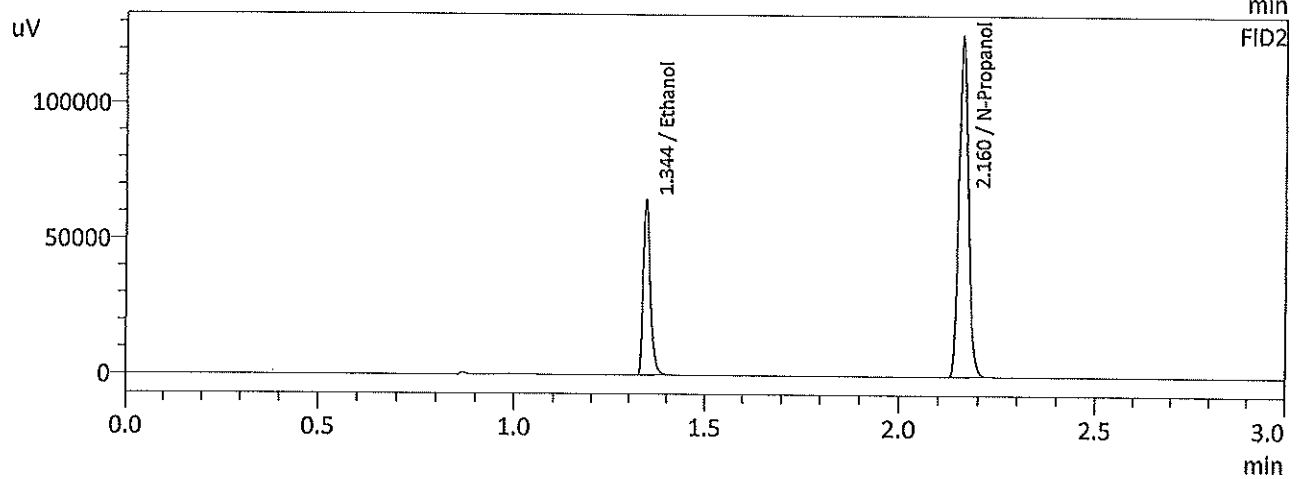
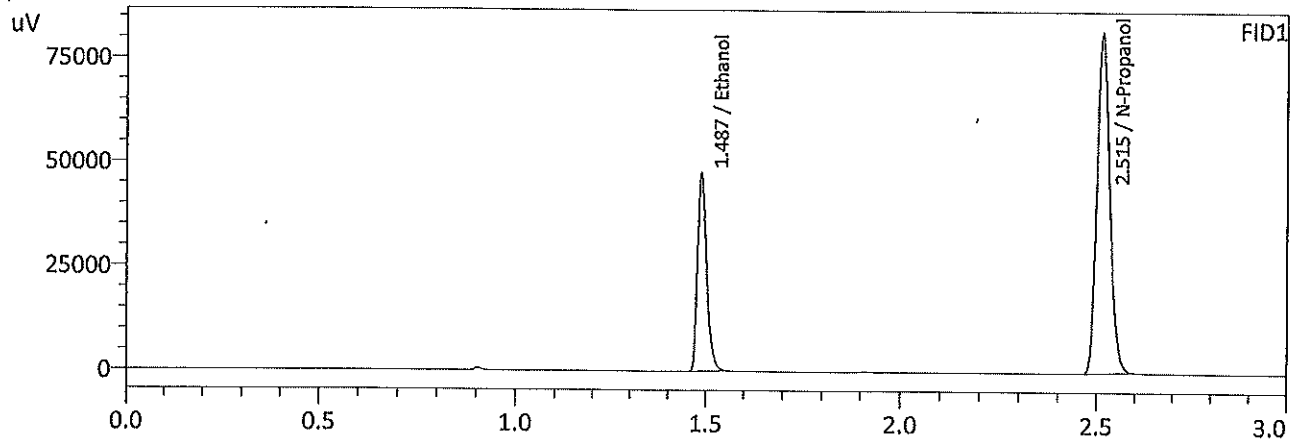
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0989	39326	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	193171	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0993	42950	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	210157	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.200
 Laboratory : Meridian
 Injection Date : 9/27/2024 10:19:44 AM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

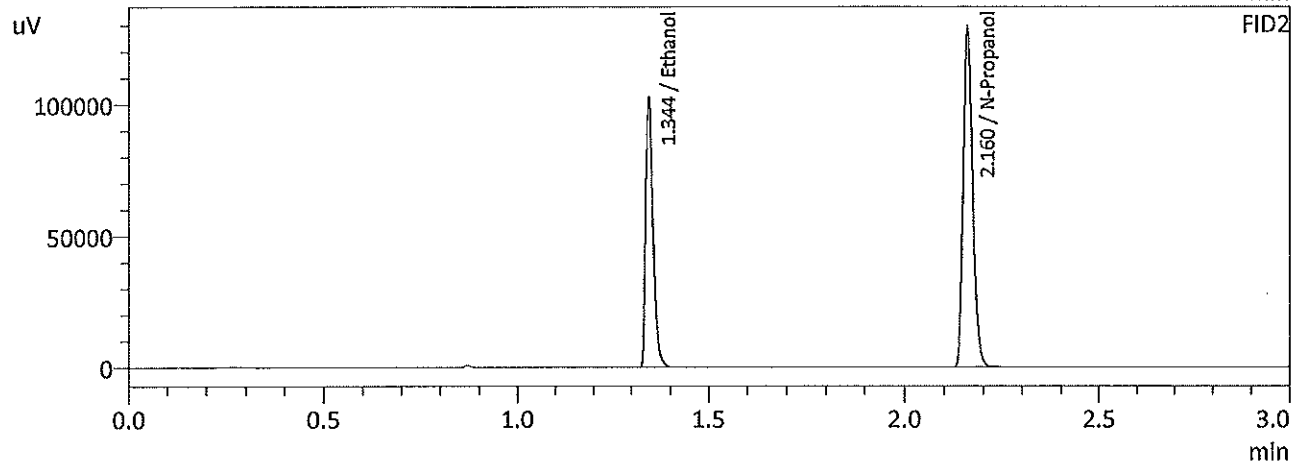
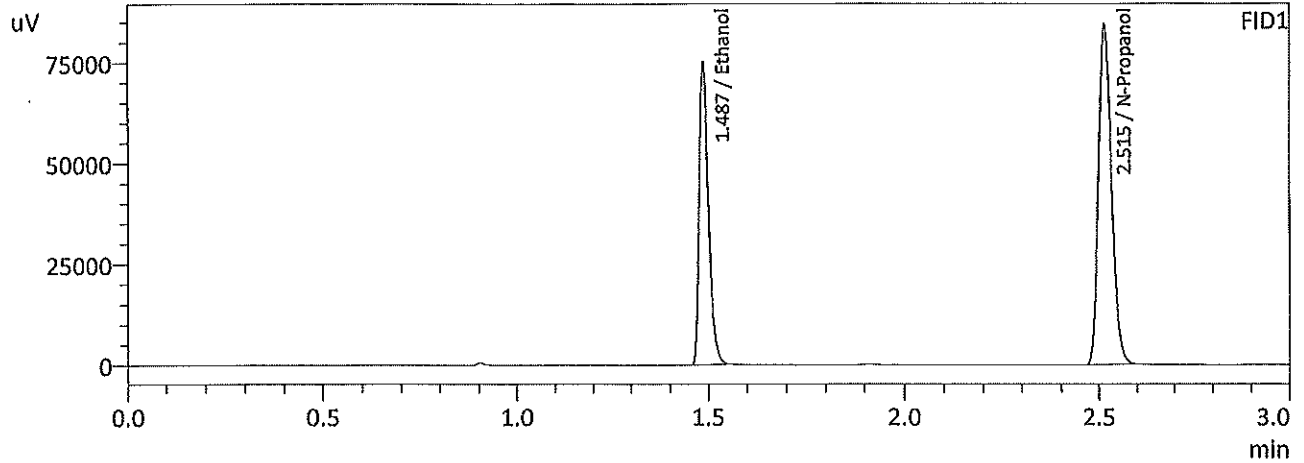
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1978	78503	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	190716	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1977	85675	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	207782	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.300
 Laboratory : Meridian
 Injection Date : 9/27/2024 10:28:07 AM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

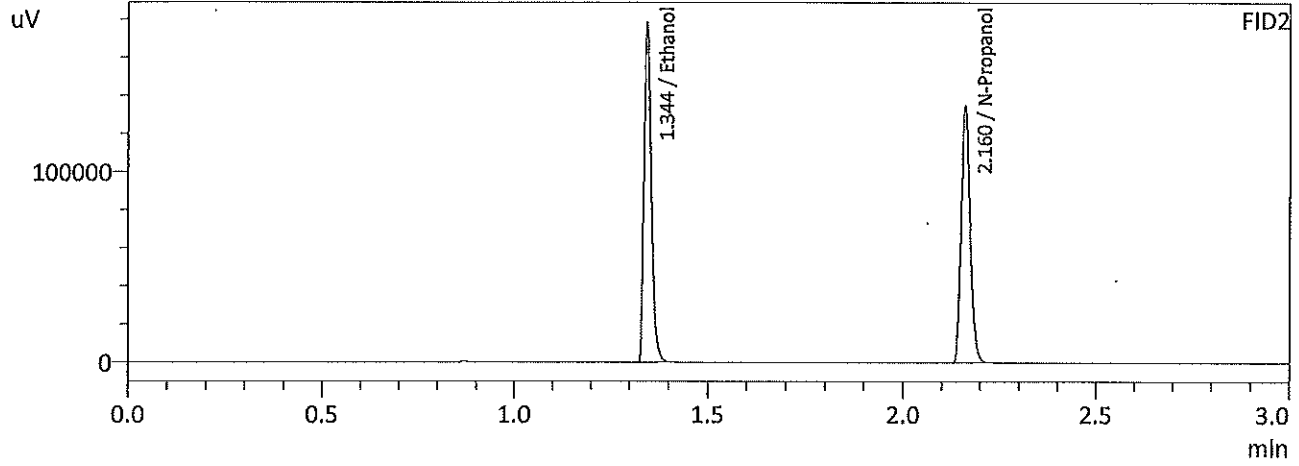
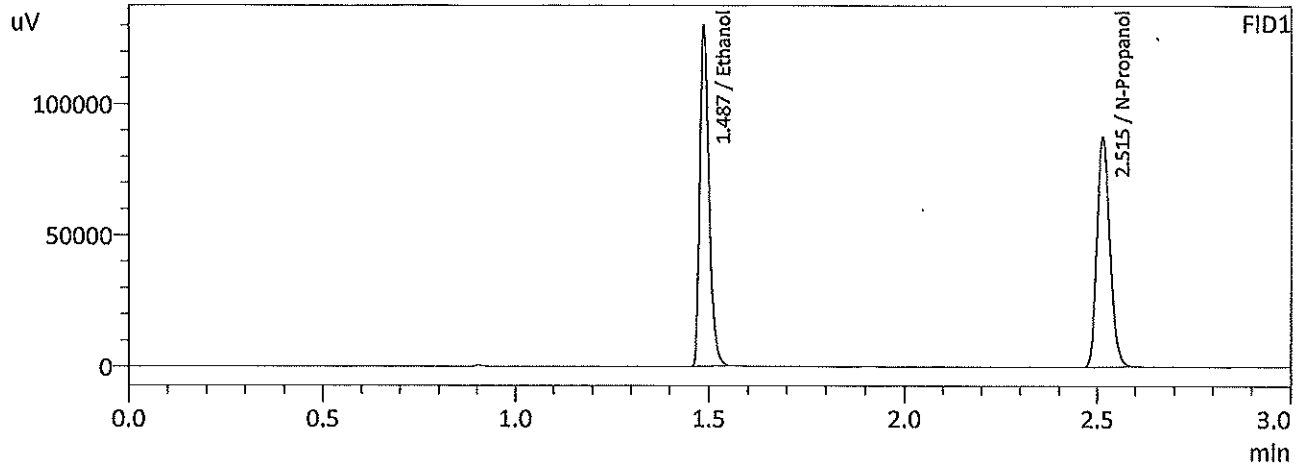
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3011	123596	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196607	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3009	134884	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	214017	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.500
 Laboratory : Meridian
 Injection Date : 9/27/2024 10:35:50 AM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

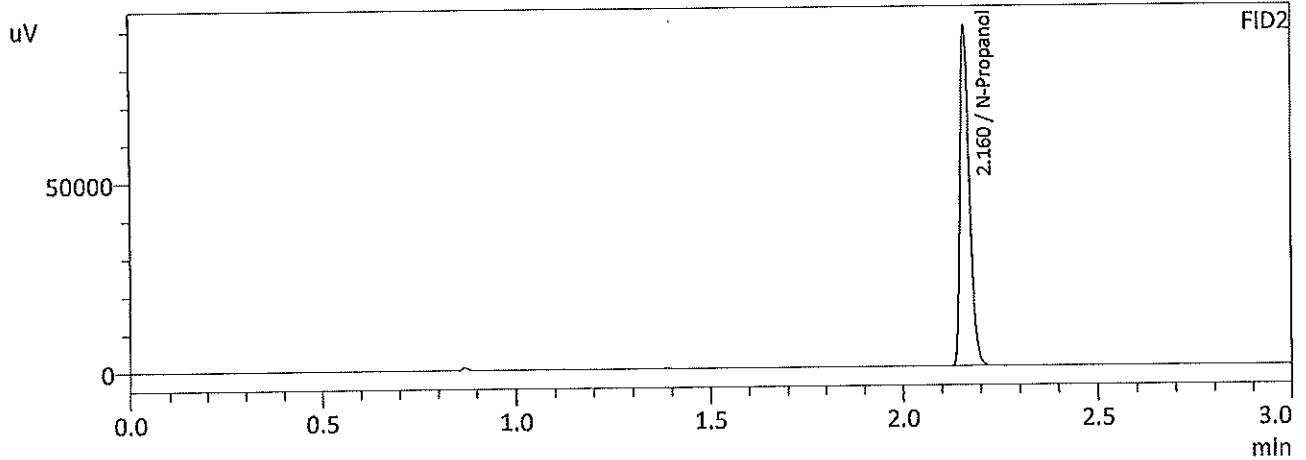
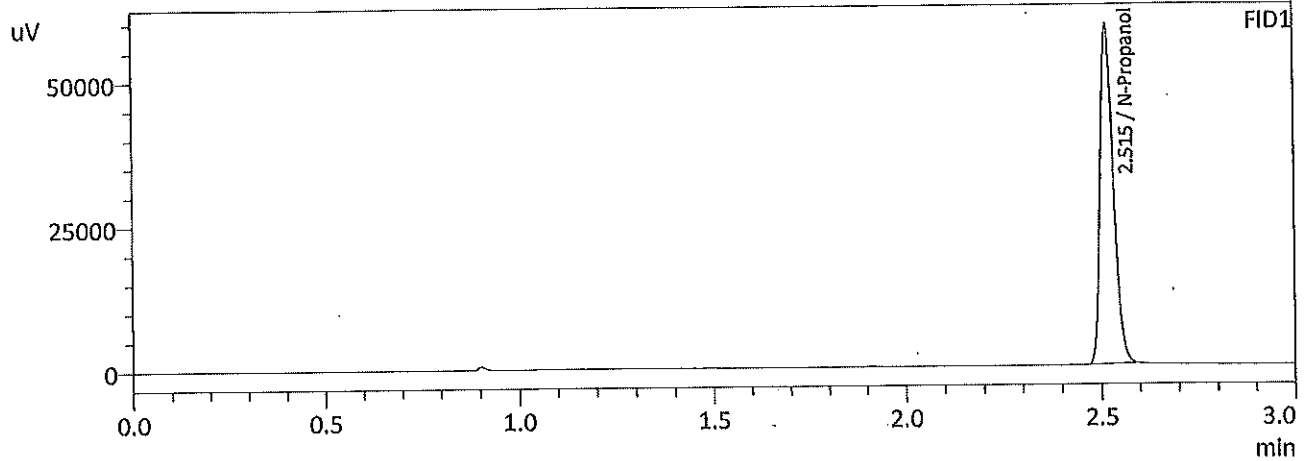
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5002	213496	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	203857	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5002	233123	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	221791	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : INT STD BLK
 Laboratory : Meridian
 Injection Date : 9/27/2024 10:44:39 AM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_240927_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	137618	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	149724	g/100cc
Fluor. 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	0:Unknown	1	ALCOHOL 240927 GG.gcm
2	0.100	0:Unknown	2	ALCOHOL 240927 GG.gcm
3	0.200	0:Unknown	3	ALCOHOL 240927 GG.gcm
4	0.300	0:Unknown	4	ALCOHOL 240927 GG.gcm
5	0.500	0:Unknown	5	ALCOHOL 240927 GG.gcm
6	INT STD BLK	0:Unknown	0	ALCOHOL 240927 GG.gcm

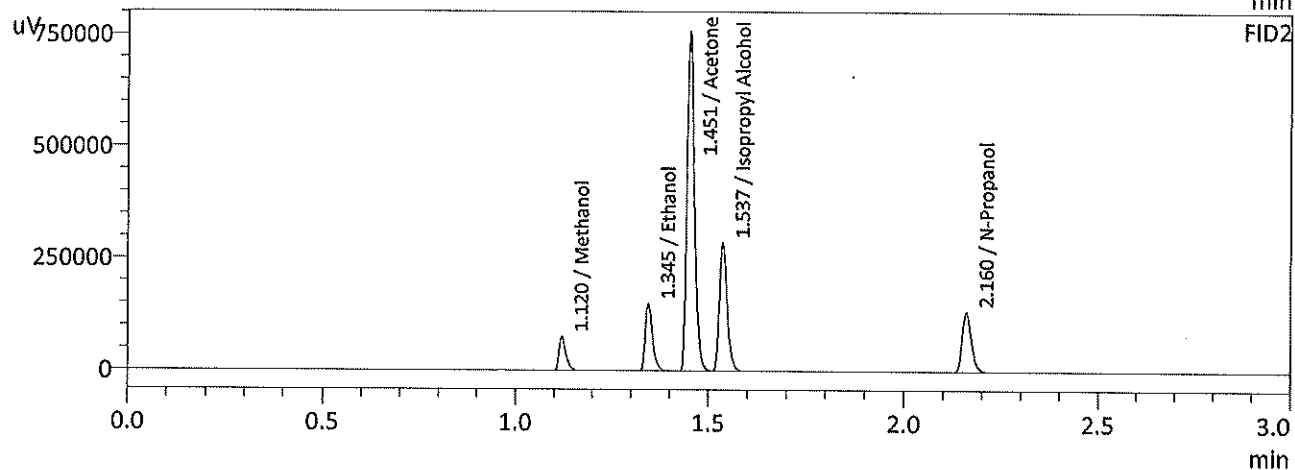
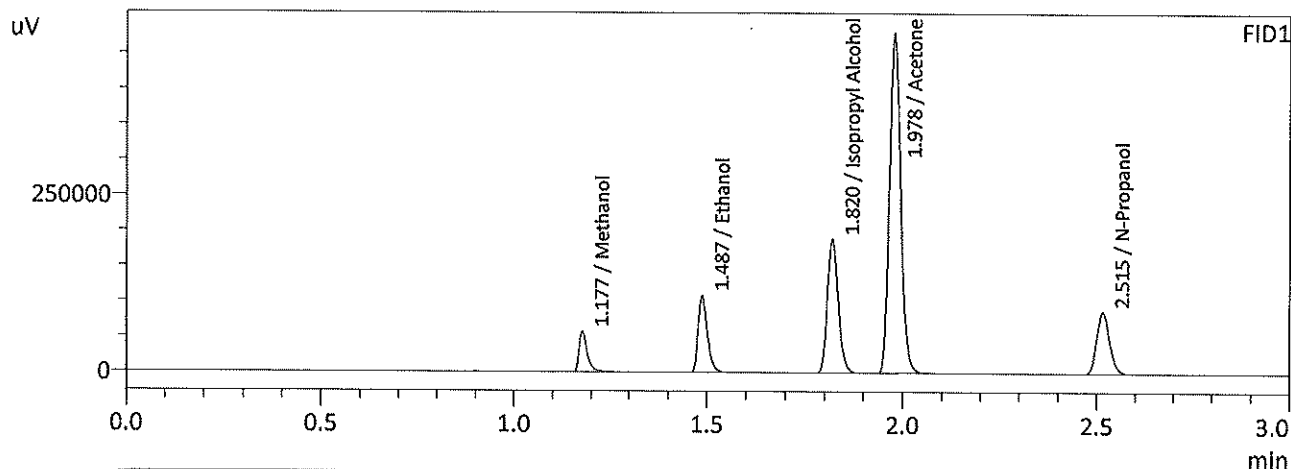
W

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	INT STD BLK 1	0:Unknown	0	ALCOHOL 240927 GG.gcm
2	ED VOLATILES FN 0604	0:Unknown	1	ALCOHOL 240927 GG.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 240927 GG.gcm
6	0.08 QA	0:Unknown	0	ALCOHOL 240927 GG.gcm
7	M2024-3974-2	0:Unknown	0	ALCOHOL 240927 GG.gcm
8	M2024-3974-2-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
9	M2024-4136-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
10	M2024-4136-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
11	M2024-4137-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
12	M2024-4137-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
13	M2024-4138-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
14	M2024-4138-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
15	M2024-4151-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
16	M2024-4151-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
17	M2024-4152-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
18	M2024-4152-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
19	M2024-4170-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
20	M2024-4170-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
21	M2024-4199-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
22	M2024-4199-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
23	M2024-4240-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
24	M2024-4240-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
27	M2024-4251-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
28	M2024-4251-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
29	M2024-4256-3	0:Unknown	0	ALCOHOL 240927 GG.gcm
30	M2024-4256-3-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
31	M2024-4283-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
32	M2024-4283-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
33	M2024-4284-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
34	M2024-4284-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
35	M2024-4285-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
36	M2024-4285-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
37	M2024-4322-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
38	M2024-4322-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
39	M2024-4323-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
40	M2024-4323-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
41	M2024-4324-1	0:Unknown	0	ALCOHOL 240927 GG.gcm
42	M2024-4324-1-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
43	QC1-2	0:Unknown	0	ALCOHOL 240927 GG.gcm
44	QC1-2-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
45	QC2-2	0:Unknown	0	ALCOHOL 240927 GG.gcm
46	QC2-2-B	0:Unknown	0	ALCOHOL 240927 GG.gcm
47	INT STD BLK	0:Unknown	0	ALCOHOL 240927 GG.gcm
48	DFE 1119140M	0:Unknown	0	ALCOHOL 240927 GG.gcm
49	INT STD BLK	0:Unknown	0	ALCOHOL 240927 GG.gcm
50	TFE 111914	0:Unknown	0	ALCOHOL 240927 GG.gcm
51	INT STD BLK	0:Unknown	0	ALCOHOL 240927 GG.gcm

Sample Name : MIXED VOLATILES FN 06041902
 Laboratory : Meridian
 Injection Date : 10/10/2024 12:28:22 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	86863	g/100cc
Ethanol	0.4198	178635	g/100cc
Isopropyl Alcohol	0.0000	367678	g/100cc
Acetone	0.0000	938826	g/100cc
N-Propanol	0.0000	203398	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	93062	g/100cc
Ethanol	0.4210	195188	g/100cc
Acetone	0.0000	1019365	g/100cc
Isopropyl Alcohol	0.0000	397892	g/100cc
N-Propanol	0.0000	220857	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA			Analysis Date(s): 10/10/2024 12:53:12 PM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0842	0.0845	0.0003	0.0843	0.0003	0.0841
(g/100cc)	0.0839	0.0841	0.0002	0.0840		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

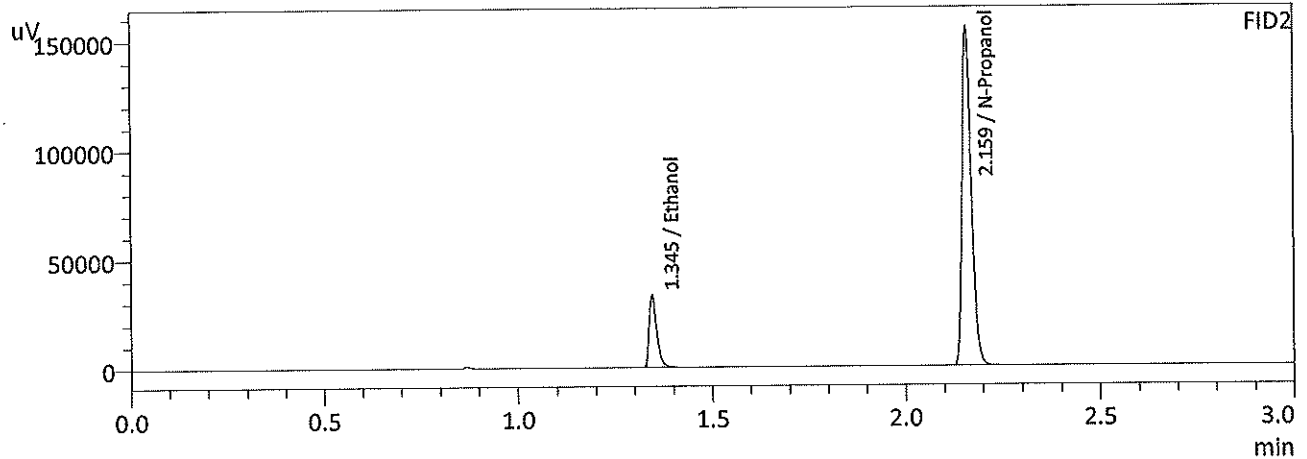
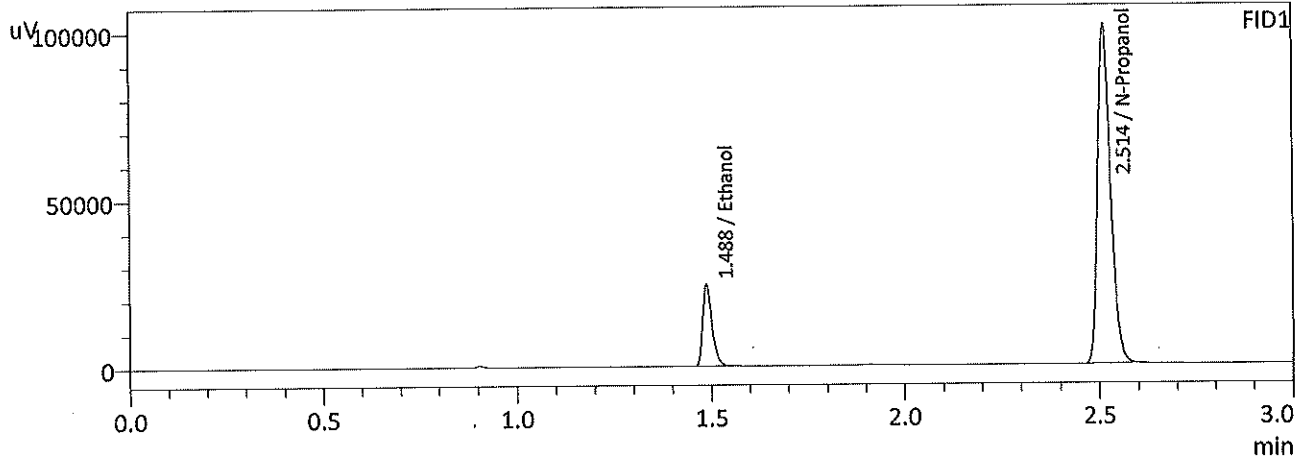
Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_240927_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 : 0.08 QA
 Laboratory : Meridian
 Injection Date : 10/10/2024 12:53:12 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

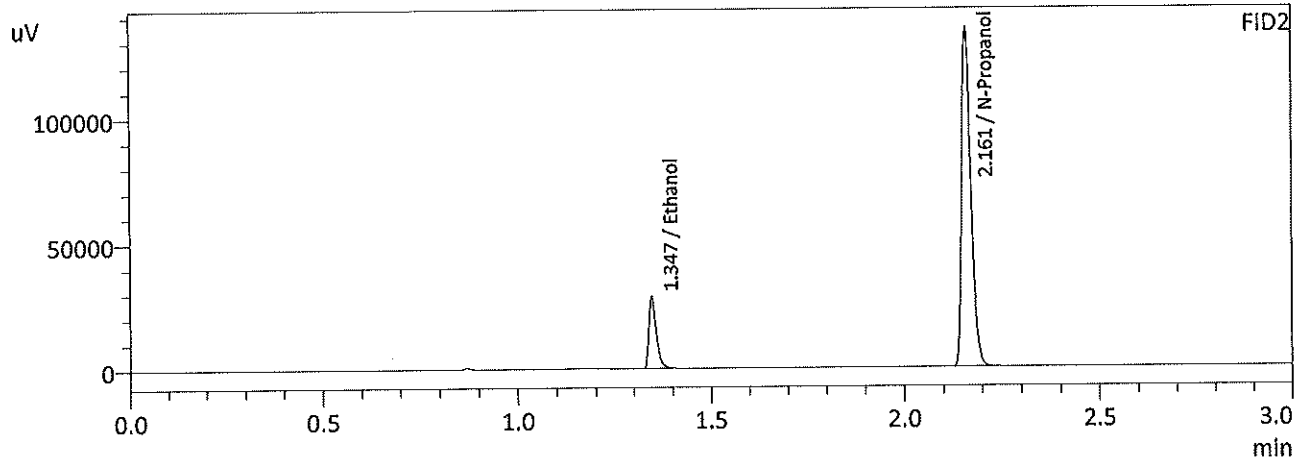
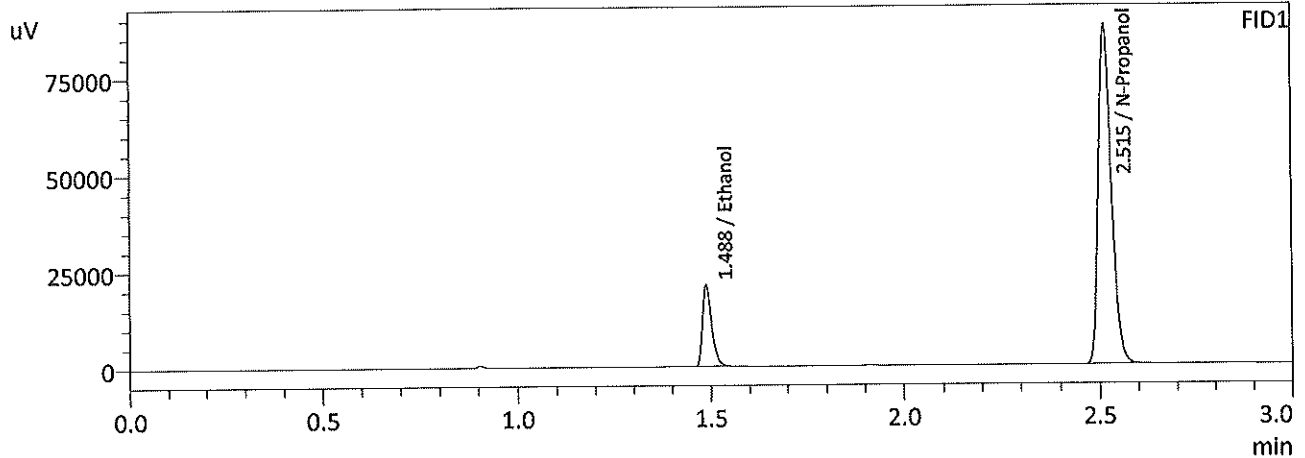
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0842	40653	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	235317	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0845	44408	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	256447	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.08 QA
 Laboratory : Meridian
 Injection Date : 10/10/2024 1:00:40 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0839	35100	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	204056	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0841	38315	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	222444	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Handwritten mark or signature.

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1		Analysis Date(s): 10/10/2024 12:36:01 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0797	0.0798	0.0001	0.0797	0.0022	0.0808
(g/100cc)	0.0818	0.0820	0.0002	0.0819		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

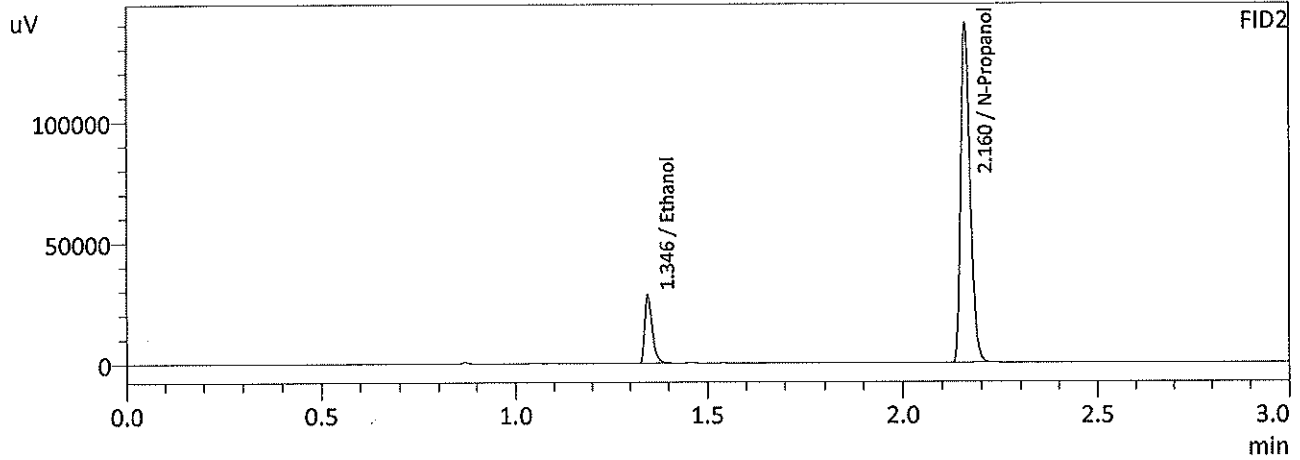
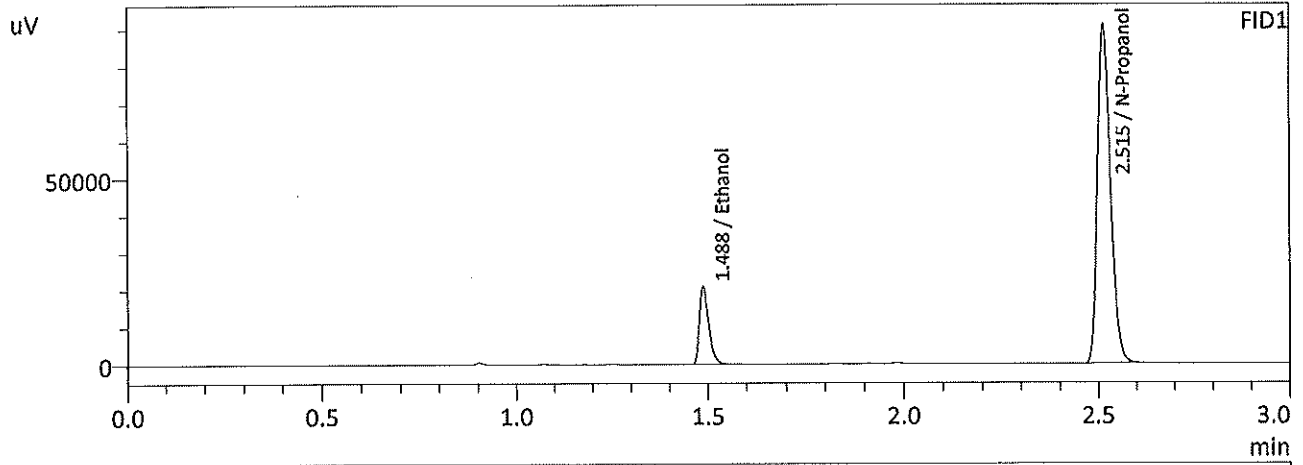
Refer To Instrument Method: ALCOHOL_240927_GG.gcm

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.

67

Sample Name : QC-1-1
 Laboratory : Meridian
 Injection Date : 10/10/2024 12:36:01 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

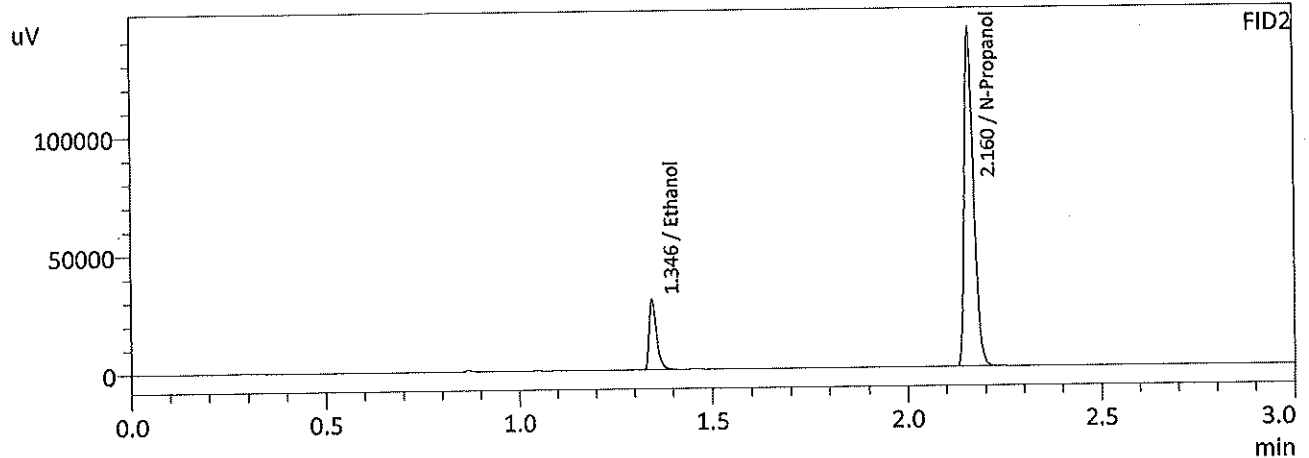
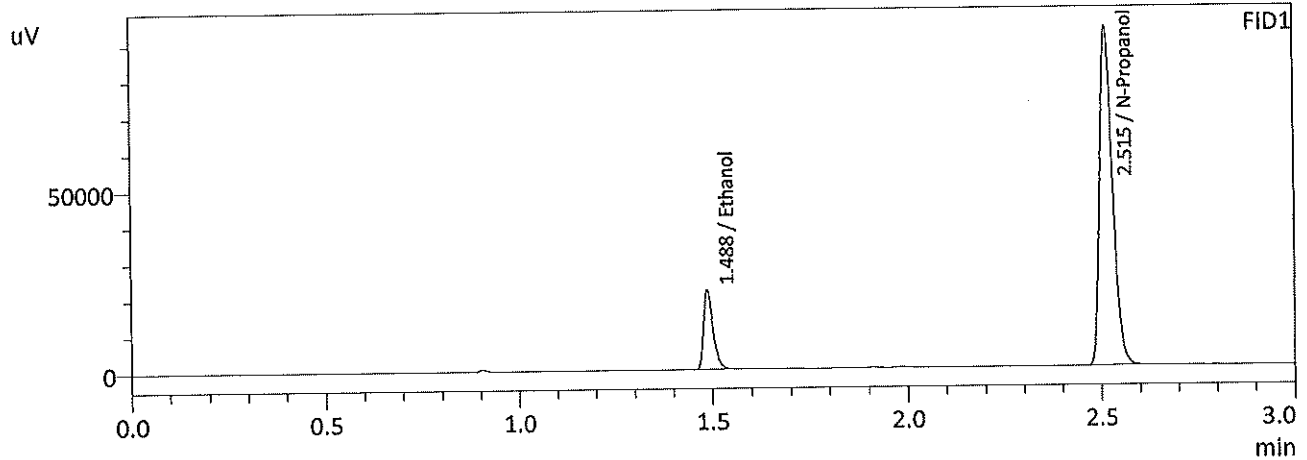
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0797	34725	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	212620	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0798	37798	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	231459	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC-1-1-B
 Laboratory : Meridian
 Injection Date : 10/10/2024 12:44:23 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0818	36378	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	216861	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0820	39708	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	236353	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2

Analysis Date(s): 10/10/2024 6:04:06 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0816	0.0817	0.0001	0.0816	0.0002	0.0815
(g/100cc)	0.0814	0.0814	0.0000	0.0814		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

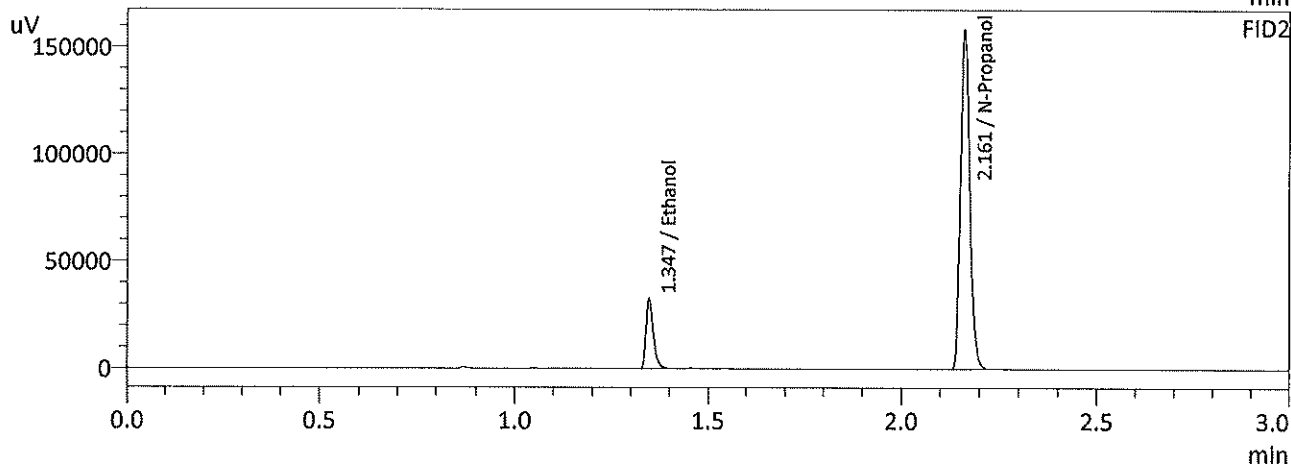
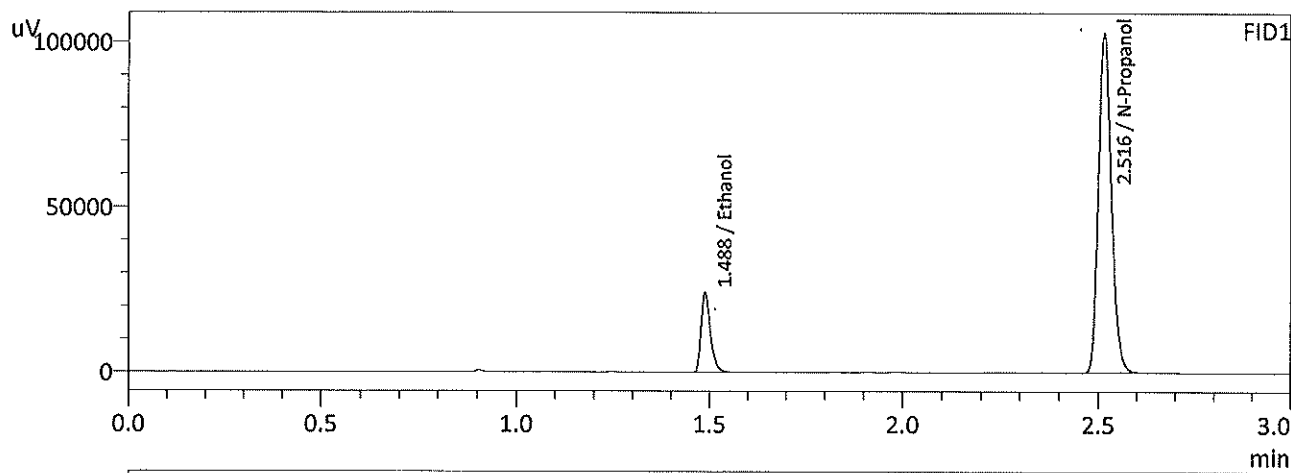
Refer To Instrument Method: ALCOHOL_240927_GG.gcm

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.

W

Sample Name : QC1-2
 Laboratory : Meridian
 Injection Date : 10/10/2024 6:04:06 PM
 Vial # : 43
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

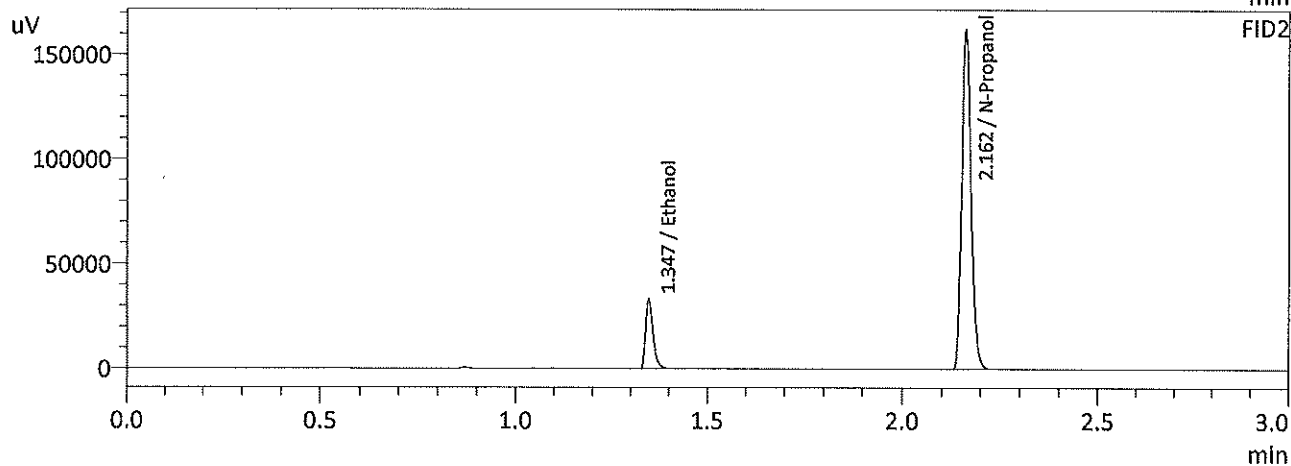
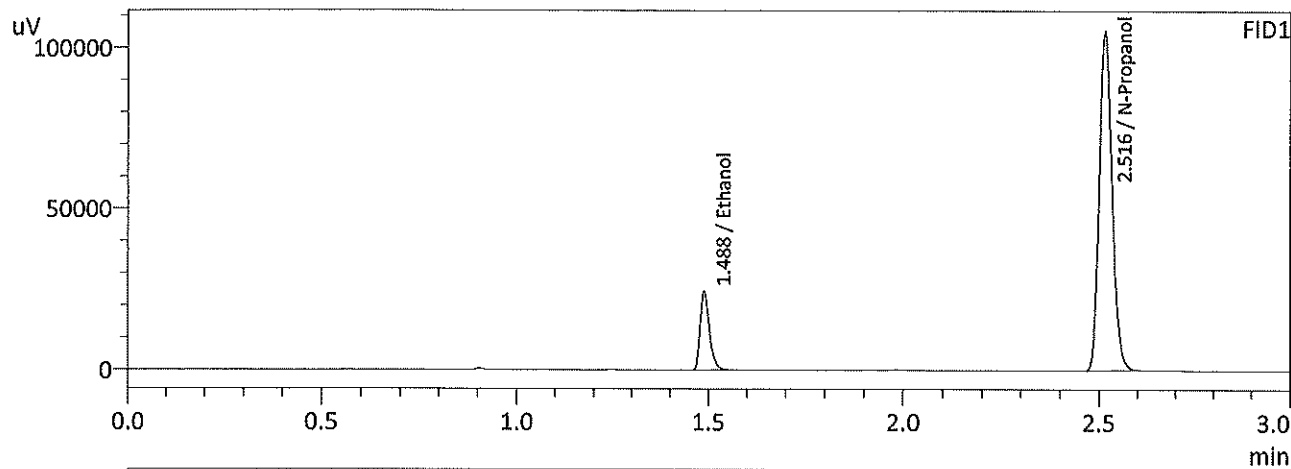
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0816	40042	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	239364	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0817	43724	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	261463	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC1-2-B
 Laboratory : Meridian
 Injection Date : 10/10/2024 6:12:12 PM
 Vial # : 44
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0814	40866	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	245137	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0814	44648	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	267770	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1

Analysis Date(s): 10/10/2024 3:35:44 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2084	0.2085	0.0001	0.2084	0.0016	0.2092
(g/100cc)	0.2100	0.2101	0.0001	0.2100		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

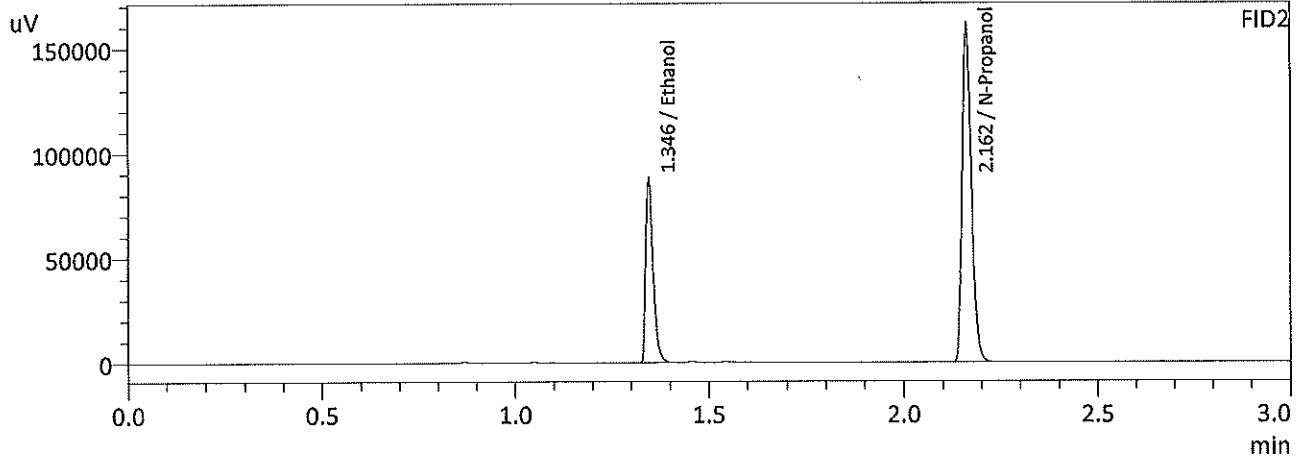
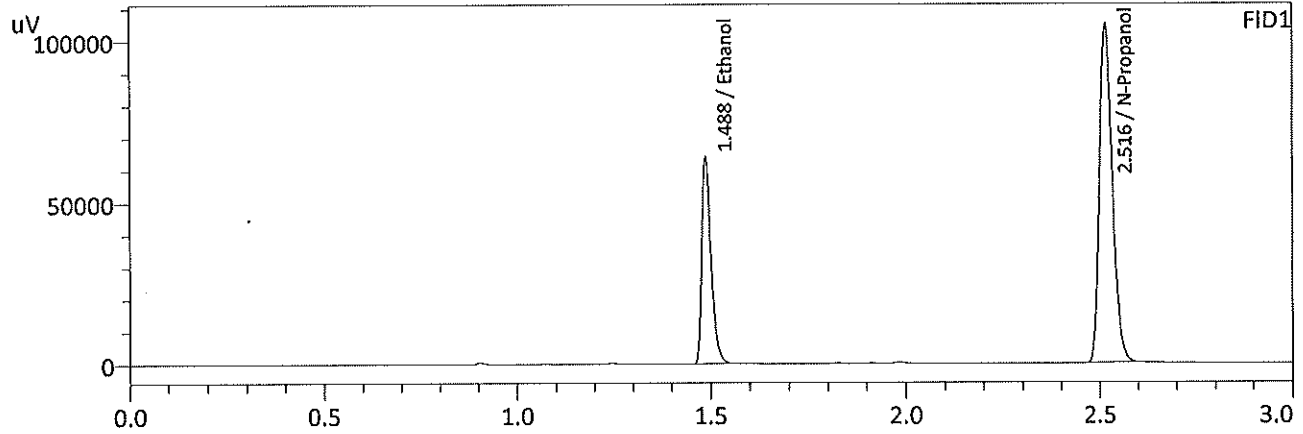
Refer To Instrument Method: ALCOHOL_240927_GG.gcm

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.

Sample Name : QC-2-1
 Laboratory : Meridian
 Injection Date : 10/10/2024 3:35:44 PM
 Vial # : 25
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

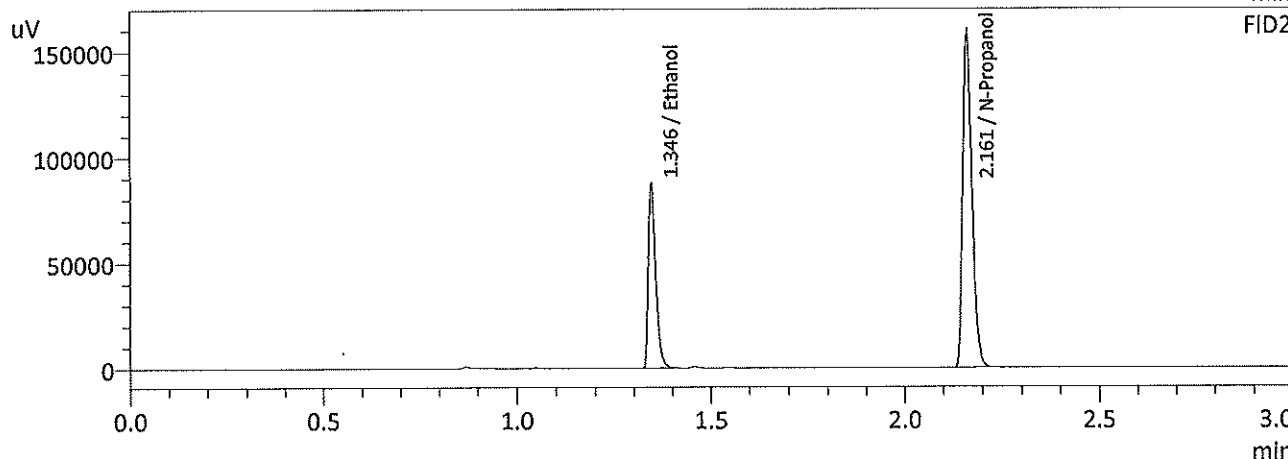
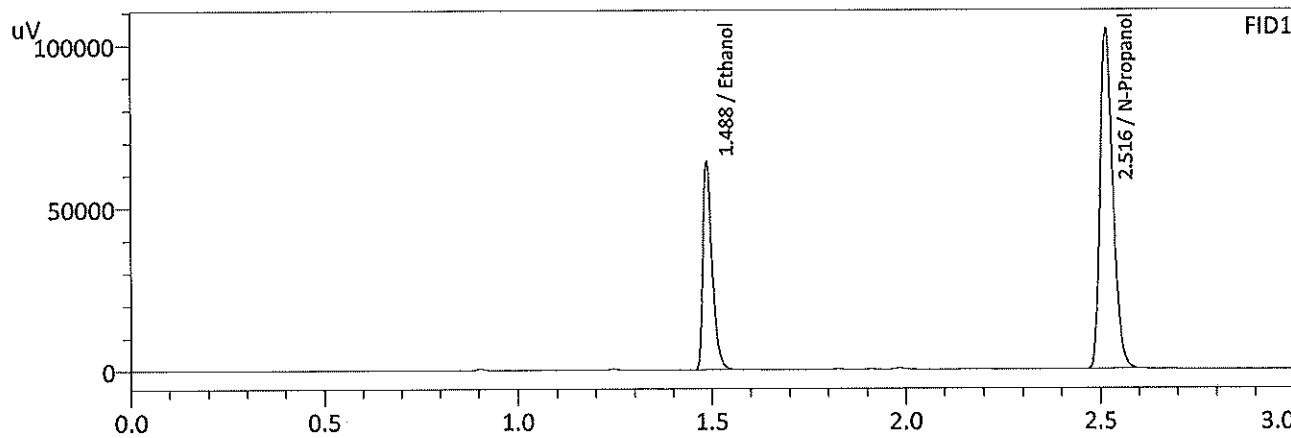
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2084	105870	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	244083	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2085	116111	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	266877	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC-2-1-B
 Laboratory : Meridian
 Injection Date : 10/10/2024 3:44:10 PM
 Vial # : 26
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2100	106034	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	242504	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2101	116054	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	264757	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-2

Analysis Date(s): 10/10/2024 6:21:36 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2092	0.2092	0.0000	0.2092	0.0021	0.2102
(g/100cc)	0.2113	0.2113	0.0000	0.2113		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

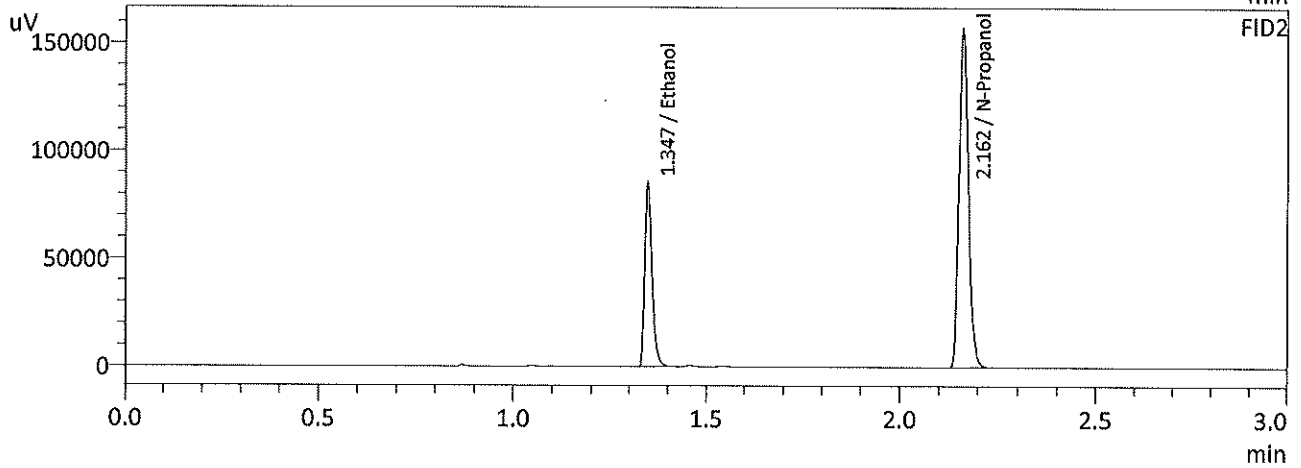
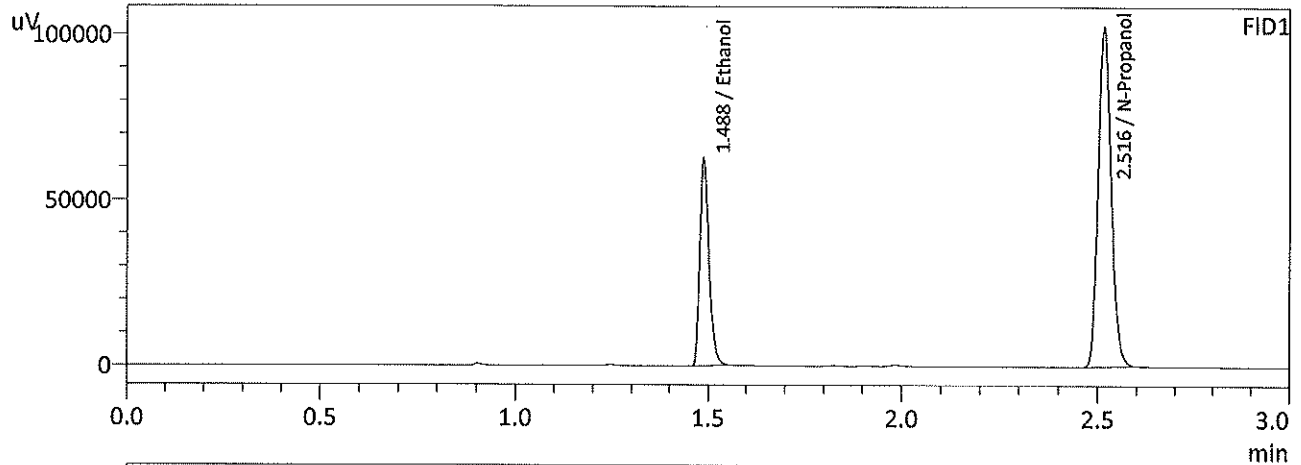
Refer To Instrument Method: ALCOHOL_240927_GG.gcm

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.

Sample Name : QC2-2
 Laboratory : Meridian
 Injection Date : 10/10/2024 6:21:36 PM
 Vial # : 45
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

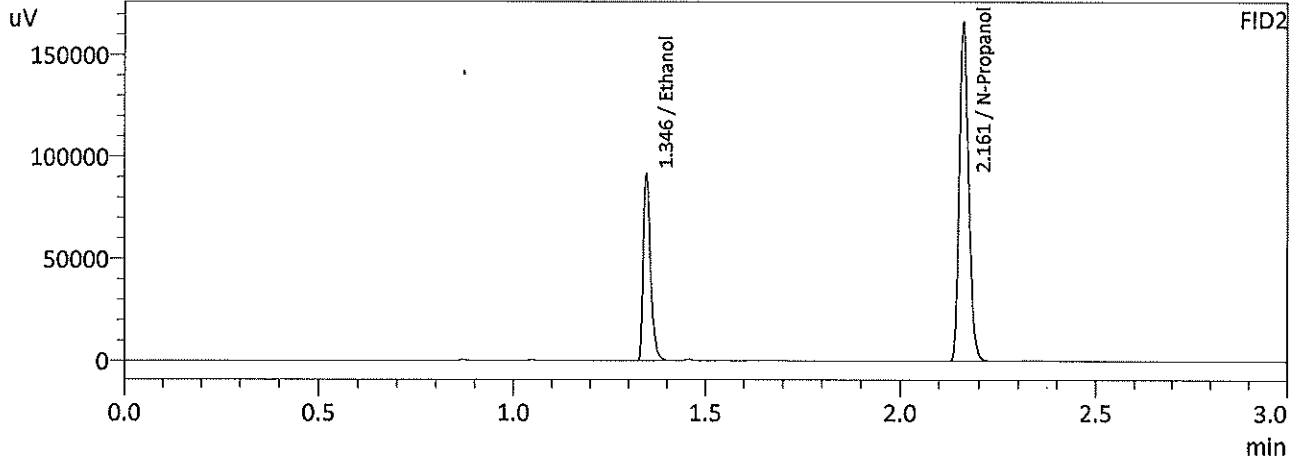
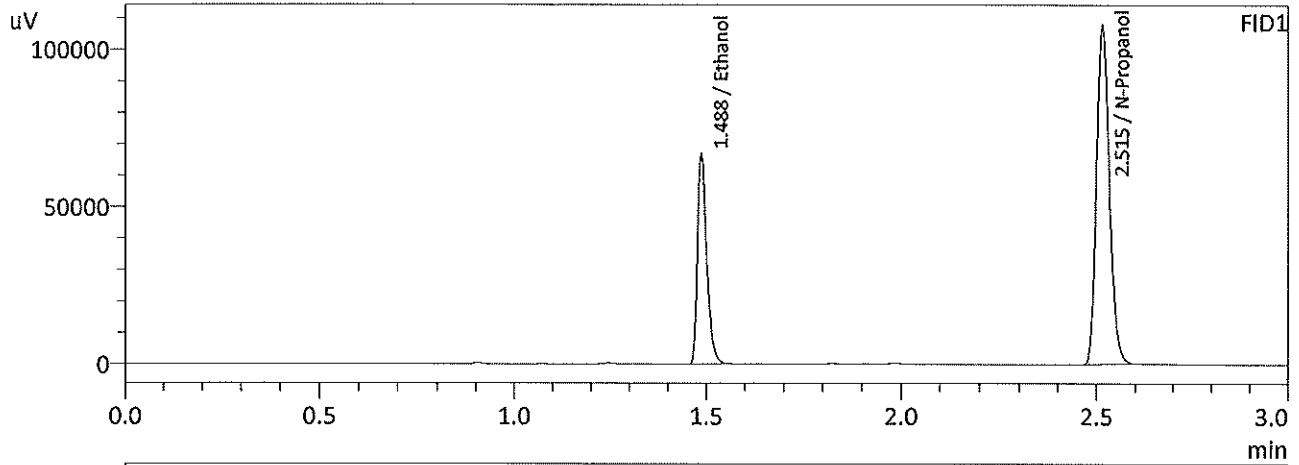
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2092	103838	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	238408	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2092	113730	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	260498	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC2-2-B
 Laboratory : Meridian
 Injection Date : 10/10/2024 6:28:36 PM
 Vial # : 46
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

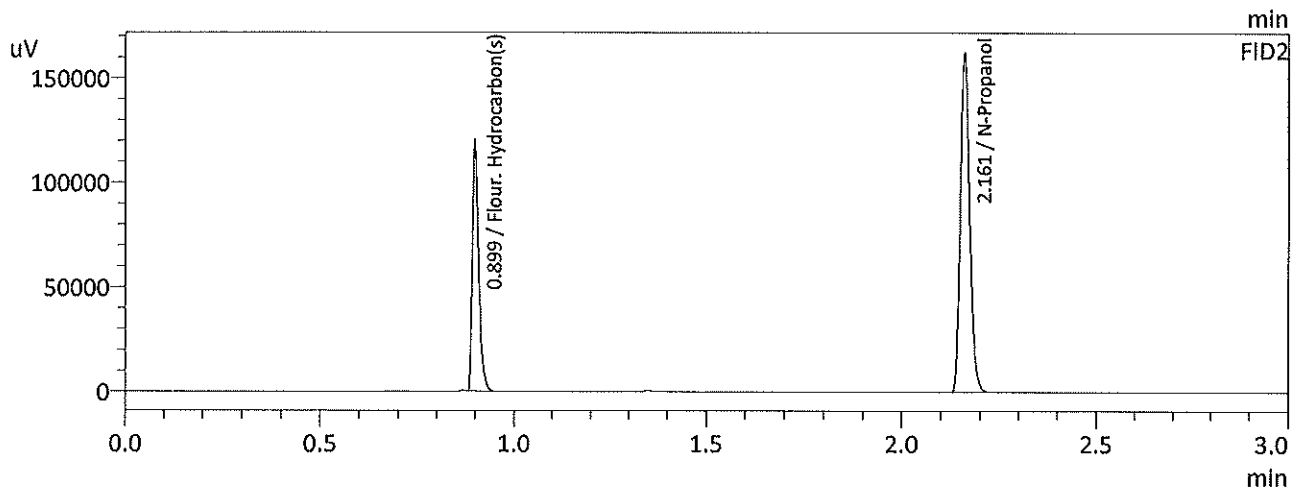
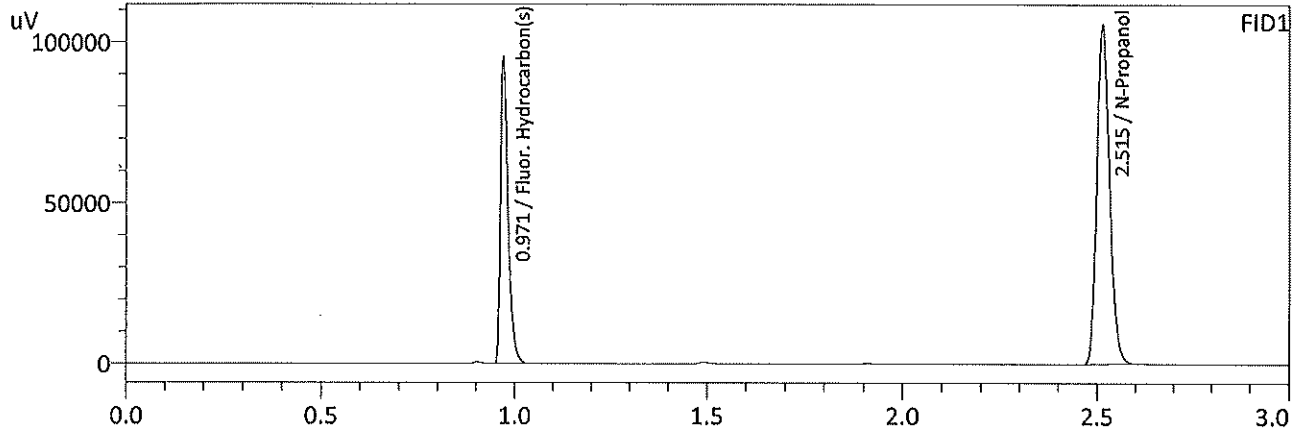
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2113	110513	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	251200	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2113	121074	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	274554	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : TFE 111914
 Laboratory : Meridian
 Injection Date : 10/10/2024 7:01:50 PM
 Vial # : 50
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

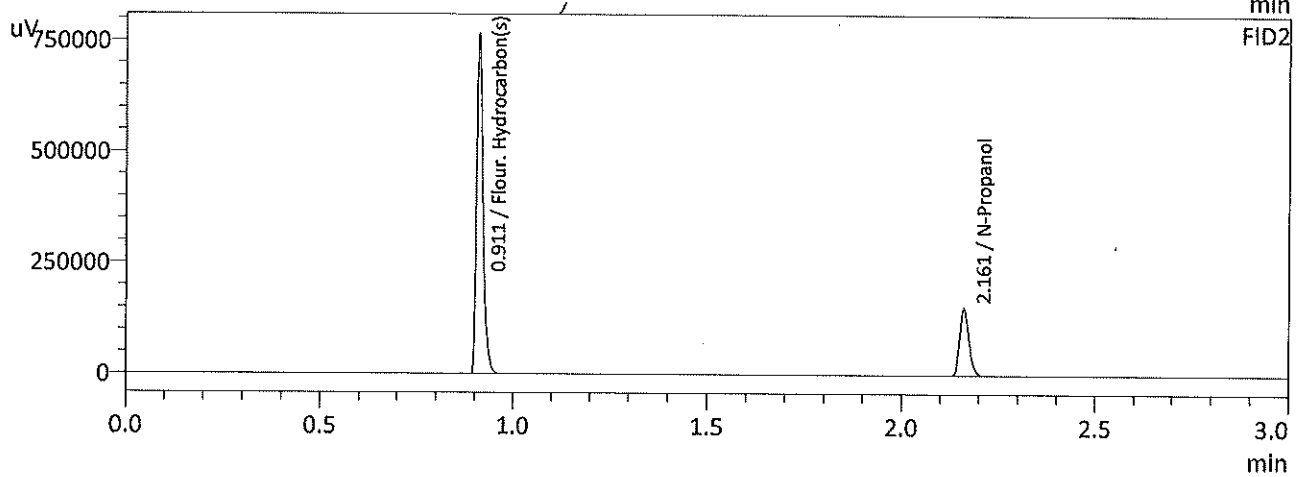
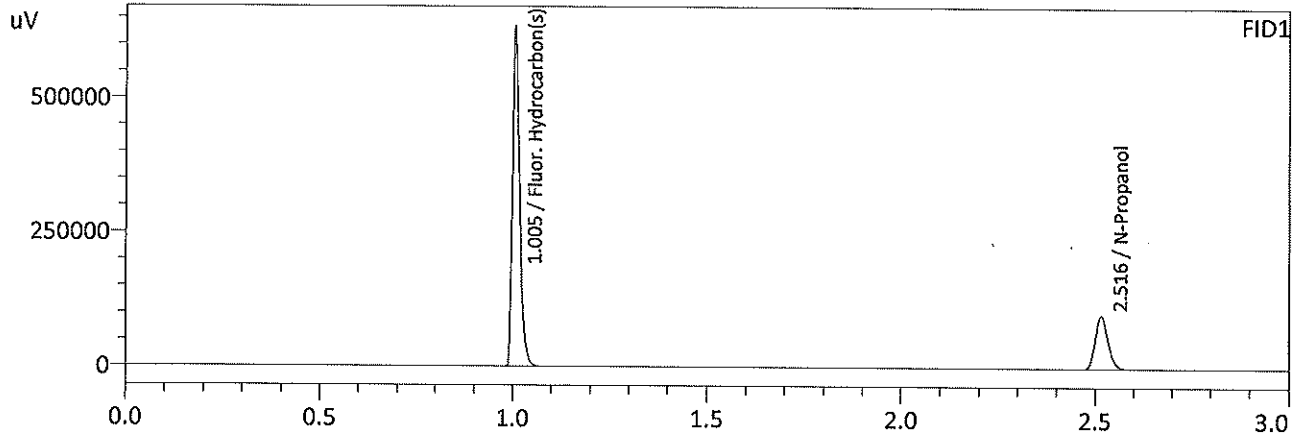
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	245730	g/100cc
Fluor. Hydrocarbon(s)	0.0000	127753	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	268119	g/100cc
Fluor. Hydrocarbon(s)	0.0000	138918	g/100cc

Handwritten mark

Sample Name : DFE 1119140M
 Laboratory : Meridian
 Injection Date : 10/10/2024 6:46:29 PM
 Vial # : 48
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

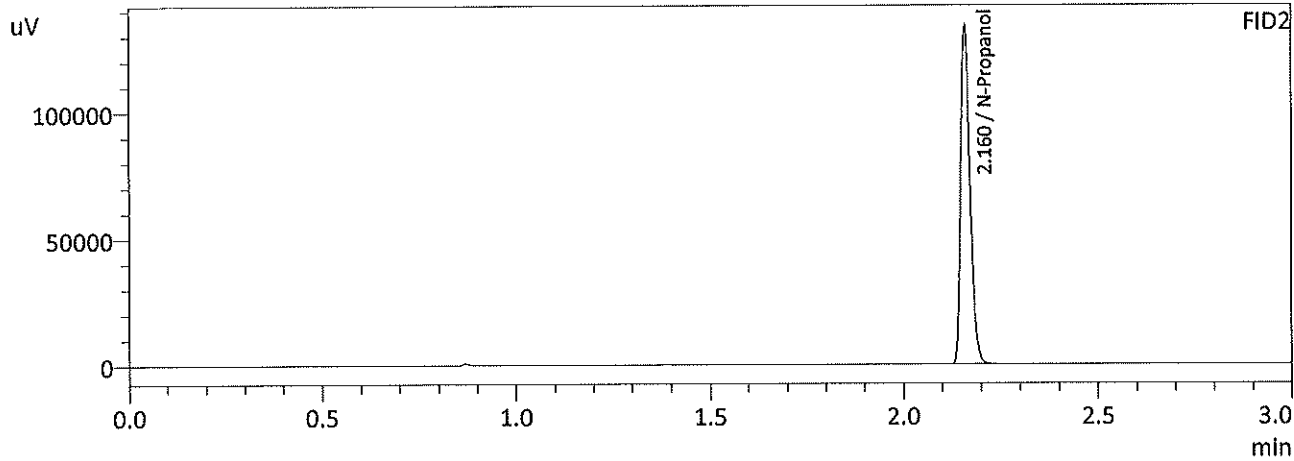
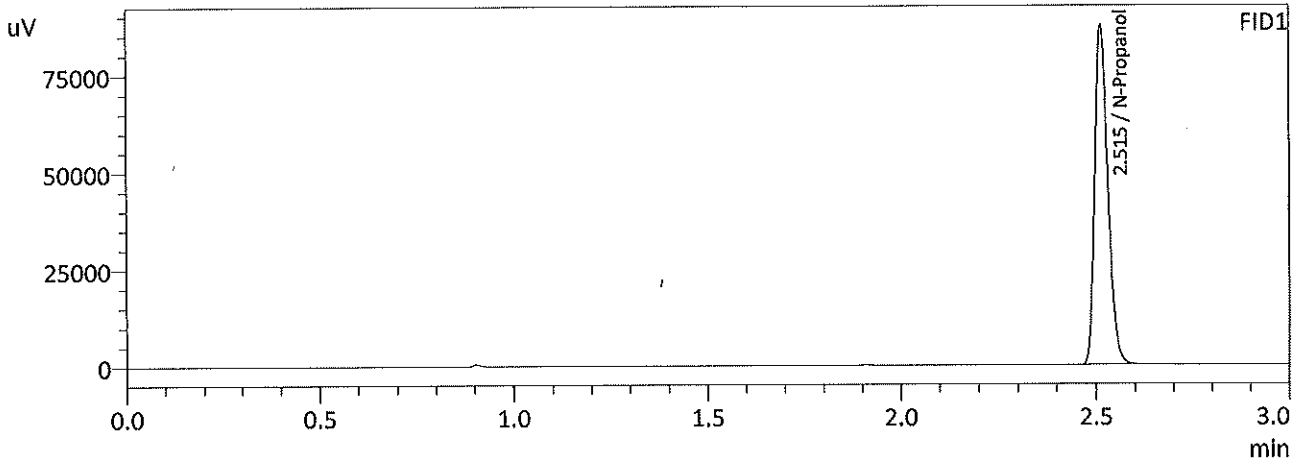
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	231464	g/100cc
Flour. Hydrocarbon(s)	0.0000	821580	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	252747	g/100cc
Flour. Hydrocarbon(s)	0.0000	884162	g/100cc

W

Sample Name : INT STD BLK 1
 Laboratory : Meridian
 Injection Date : 10/10/2024 12:21:01 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

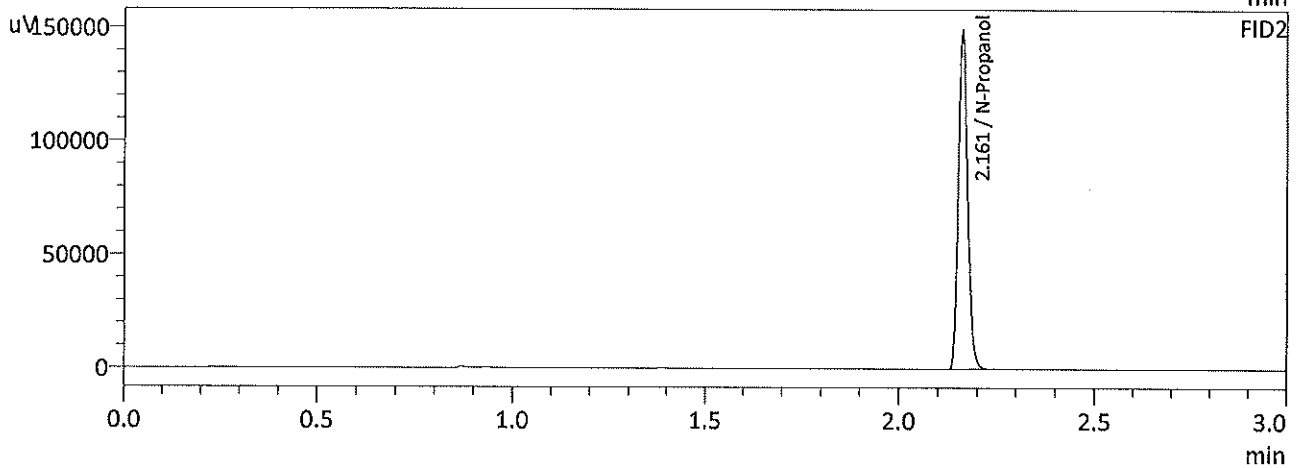
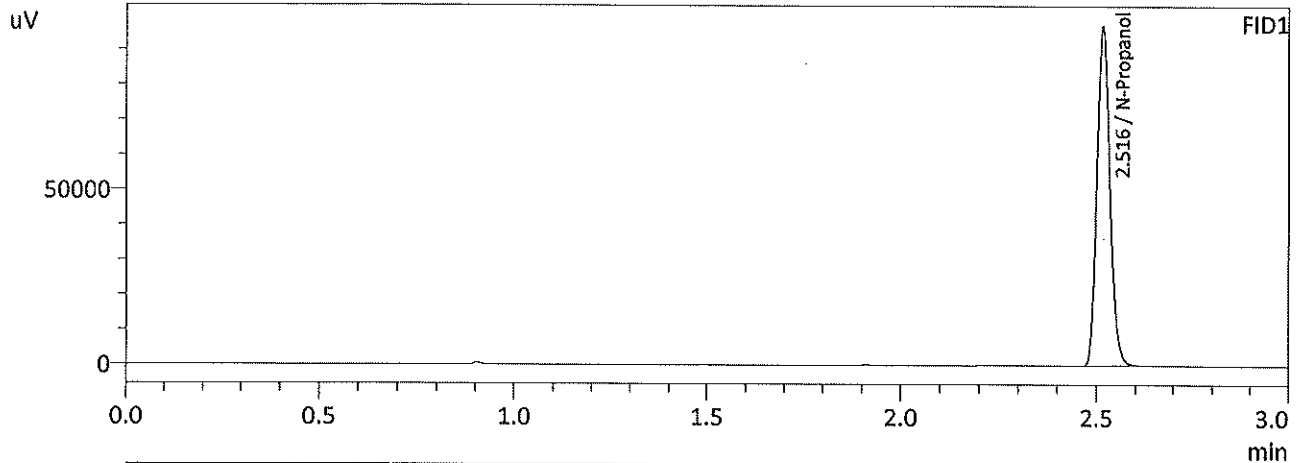
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	203824	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	221812	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : INT STD BLK
 Laboratory : Meridian
 Injection Date : 10/10/2024 6:37:00 PM
 Vial # : 47
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

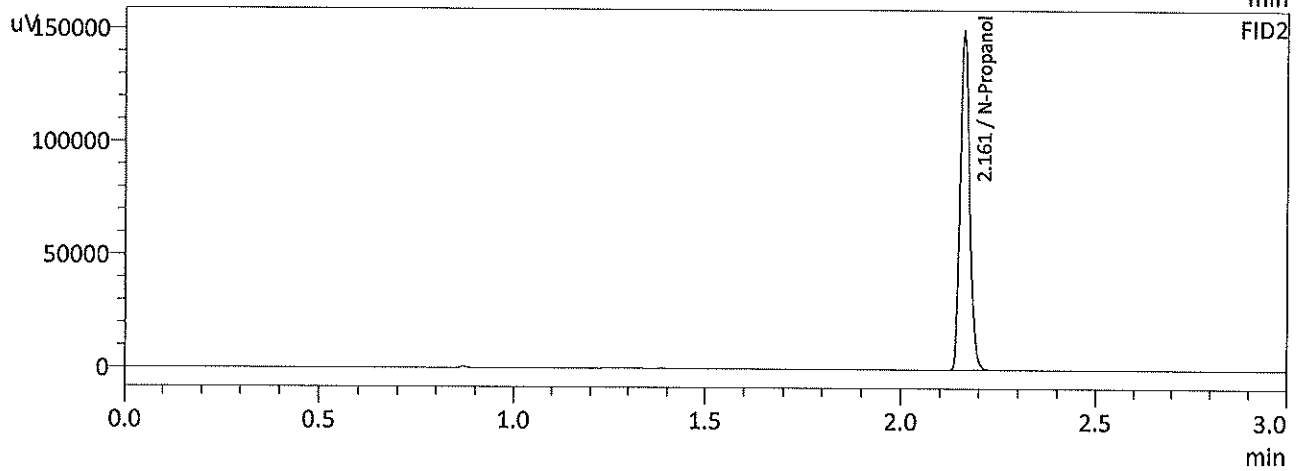
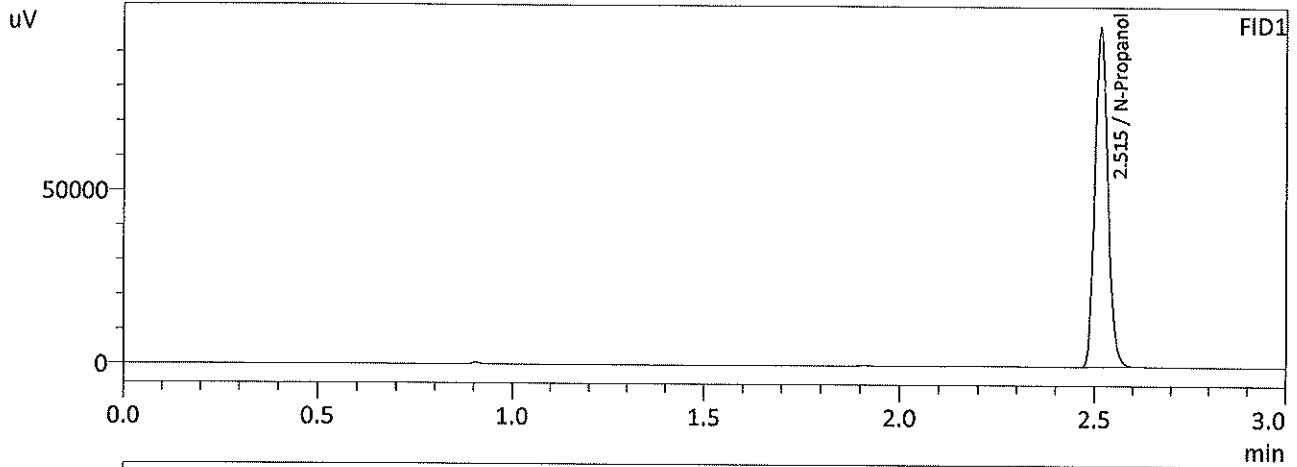
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	225700	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	246586	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : INT STD BLK
 Laboratory : Meridian
 Injection Date : 10/10/2024 6:53:51 PM
 Vial # : 49
 Method Filename : Default Project - ALCOHOL_240927_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

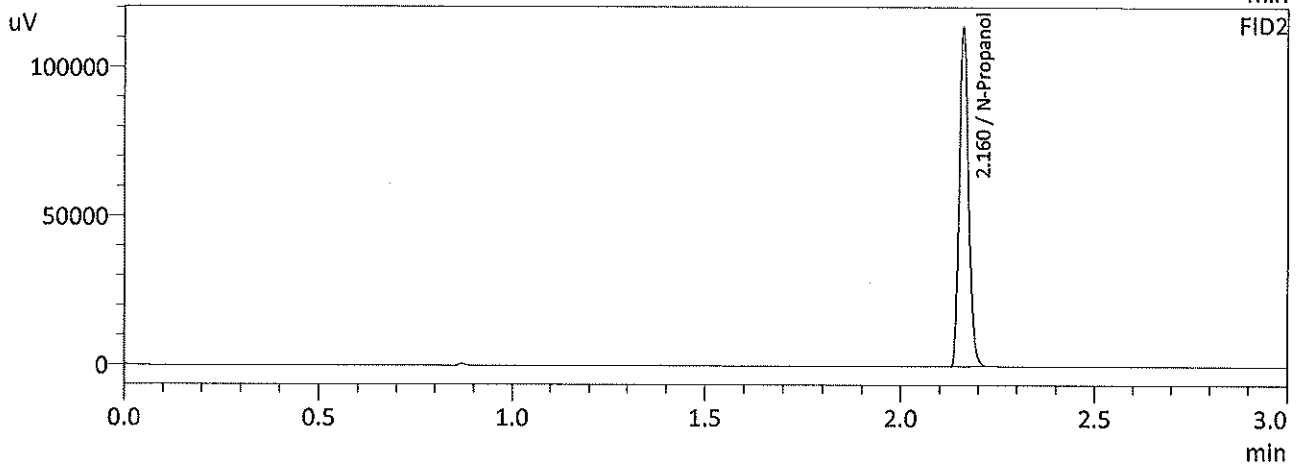
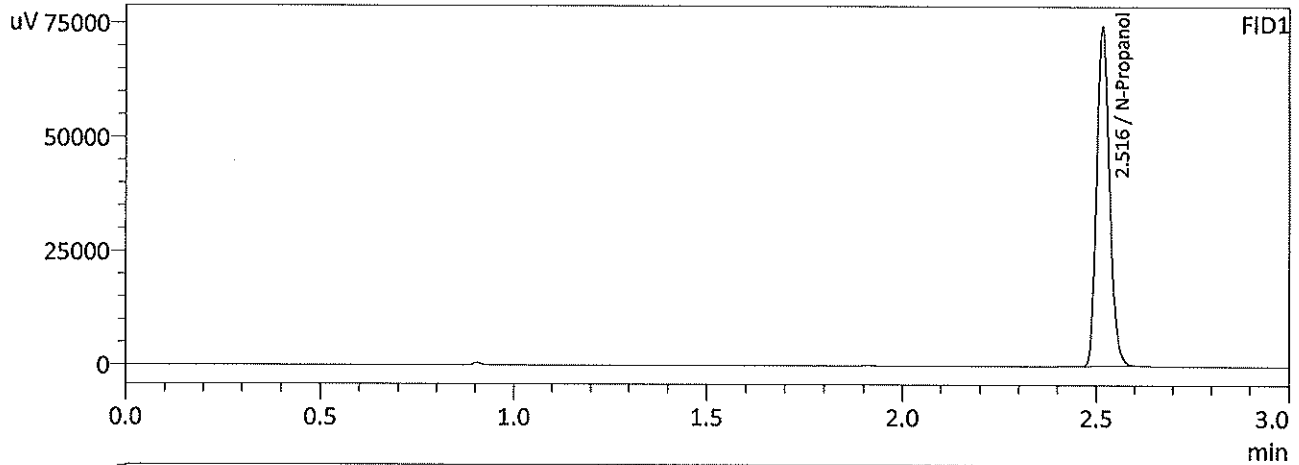
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	227533	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	248397	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

V

Sample Name : INT STD BLK
 Laboratory : Meridian
 Injection Date : 10/10/2024 7:10:28 PM
 Vial # : 51
 Method Filename : Default Project - ALCOHOL_240927_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	173737	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	189111	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W