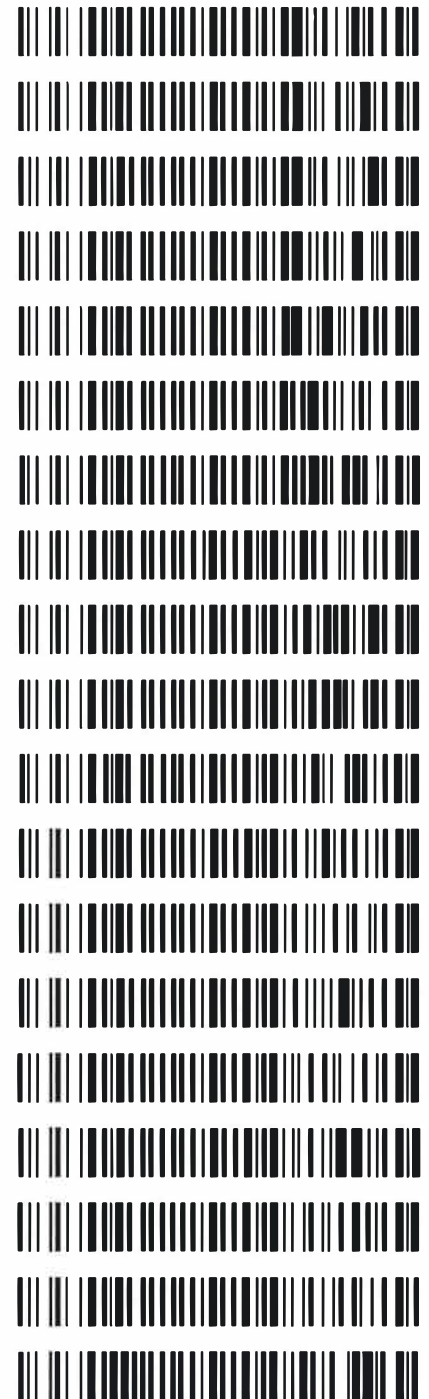


Worklist: 7038

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>
M2025-0374	1	BCK	Alcohol Analysis
M2025-0388	1	BCK	Alcohol Analysis
M2025-0389	1	BCK	Alcohol Analysis
M2025-0392	1	BCK	Alcohol Analysis
M2025-0401	1	BCK	Alcohol Analysis
M2025-0407	1	BCK	Alcohol Analysis
M2025-0408	1	BCK	Alcohol Analysis
M2025-0423	1	BCK	Alcohol Analysis
M2025-0437	1	BCK	Alcohol Analysis
M2025-0448	1	BCK	Alcohol Analysis
M2025-0459	1	BCK	Alcohol Analysis
M2025-0505	1	BCK	Alcohol Analysis
M2025-0506	1	BCK	Alcohol Analysis
M2025-0520	1	BCK	Alcohol Analysis
M2025-0528	1	BCK	Alcohol Analysis
M2025-0530	1	BCK	Alcohol Analysis
M2025-0534	1	BCK	Alcohol Analysis
M2025-0535	1	BCK	Alcohol Analysis
P2025-0307	1	BCK	Alcohol Analysis



REVIEWED

By Jeremy Johnston at 1:24 pm, Feb 07, 2025

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): 02/06/2025

Calibration Date: 02/06/2025

Worklist #: 7038

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727-0.0889	0.0805 g/100cc	
					0.0845 g/100cc	
					g/100cc	
Level 2	May-27	2302120	0.2054	0.1849-0.2259	0.2040 g/100cc	
					0.2067 g/100cc	
					g/100cc	
Multi-Component mixture:		Exp:	May. 2028	Lot #	FN05302307	
Curve Fit:			Column 1	0.99974	Column2	0.99970

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0534	0.0534	0	0.0534
100	0.100	0.090 - 0.110	0.0995	0.0999	0.0004	0.0997
200	0.200	0.180 - 0.220	0.1957	0.1953	0.0004	0.1955
300	0.300	0.270 - 0.330	0.2995	0.2992	0.0003	0.2993
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5017	0.5019	0.0002	0.5018

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.082 g/100cc



Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

Internal Standard Monitoring Worksheet

Worklist #:	7038	Run Date(s):	02/06/2025
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Internal Standard Solution:	Prep Date: 11/20/2024	Exp Date: 5/20/2025
-----------------------------	-----------------------	---------------------

Sample Name	Column 1 Value	Column 2 Value
0.080	190119	200727
0.080	194072	204840
QC1	196119	207330
QC1	206473	218519
QC1	239762	253765
QC1	245918	260341
QC1		
QC1		
QC2	231553	245411
QC2	233574	247607
QC2	260755	276262
QC2	251628	266286
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	224997.3	179997.8	269996.8
Column 2	238108.8	190487.0	285730.6

60

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

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

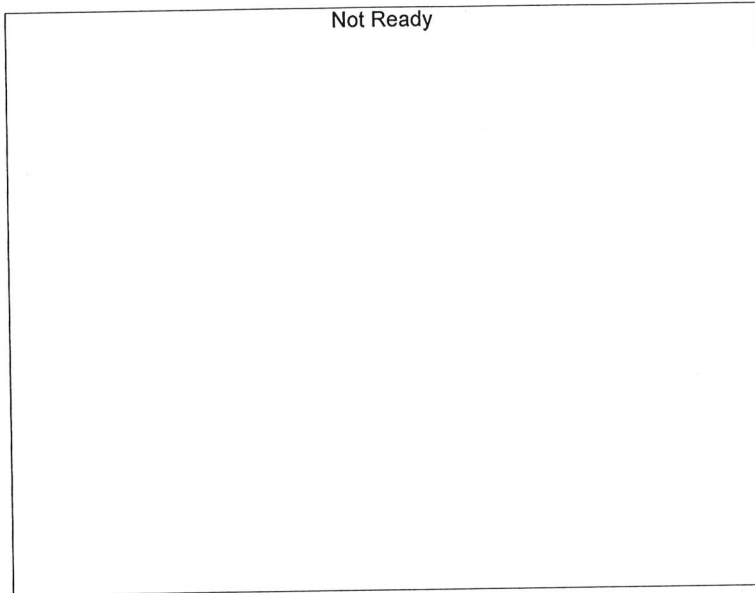
Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	0:Unknown	1	ALCOHOL 250206 GG.gcm
2	0.100	0:Unknown	2	ALCOHOL 250206 GG.gcm
3	0.200	0:Unknown	3	ALCOHOL 250206 GG.gcm
4	0.300	0:Unknown	4	ALCOHOL 250206 GG.gcm
5	0.500	0:Unknown	5	ALCOHOL 250206 GG.gcm
6	ISTD BLK	0:Unknown	0	ALCOHOL 250206 GG.gcm

05

Calibration Table

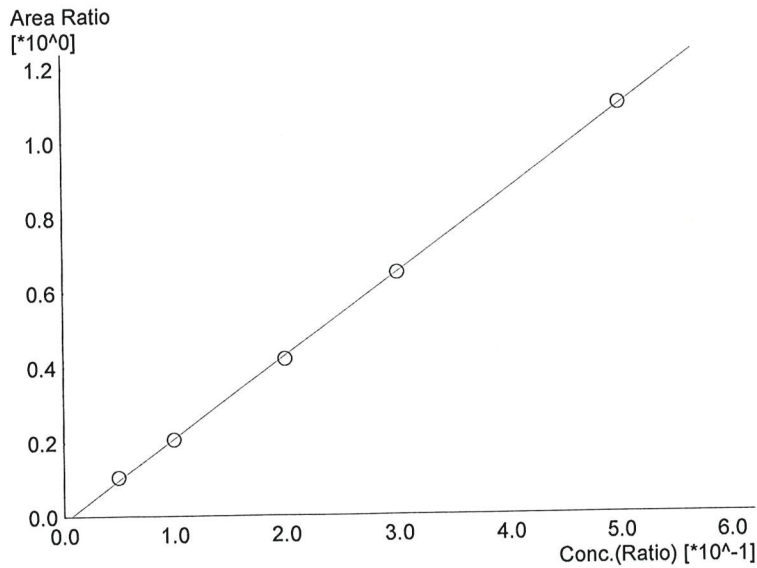
Laboratory : MERIDIAN
 Instrument Name : GC-BAC
 Instrument Serial # : C12595800409 / C12255750548

<<Data File>>
 Method File :Default Project - ALCOHOL_250206_GG.gcm
 Batch File :Default Project - CALCURVE_RP_250206_GG.gcb
 Date Acquired :2/6/2025 10:03:15 AM
 Date Created :2/6/2025 9:56:49 AM
 Date Modified :2/7/2025 6:38:42 AM



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

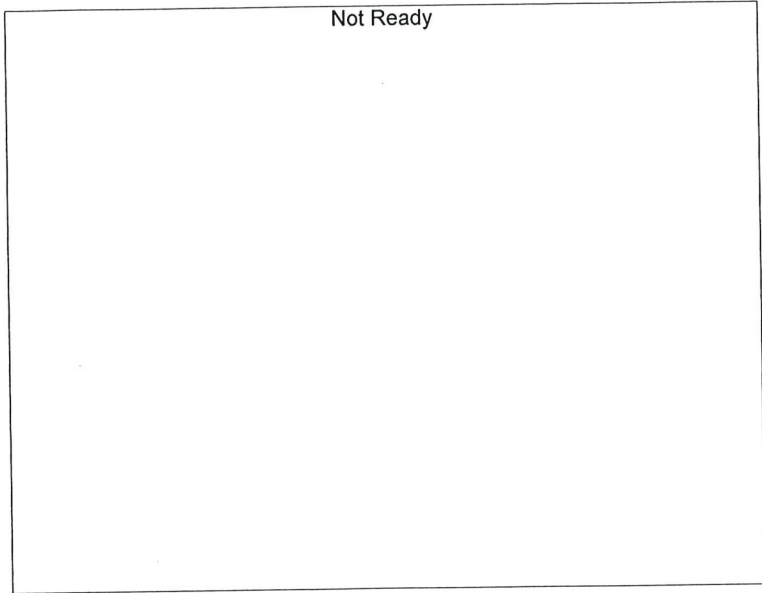
#	Conc.	Area	Std. Conc.
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Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.21523*x-0.0143674$
 R² value= 0.9997429
 FitType: Linear
 ZeroThrough: Not Through

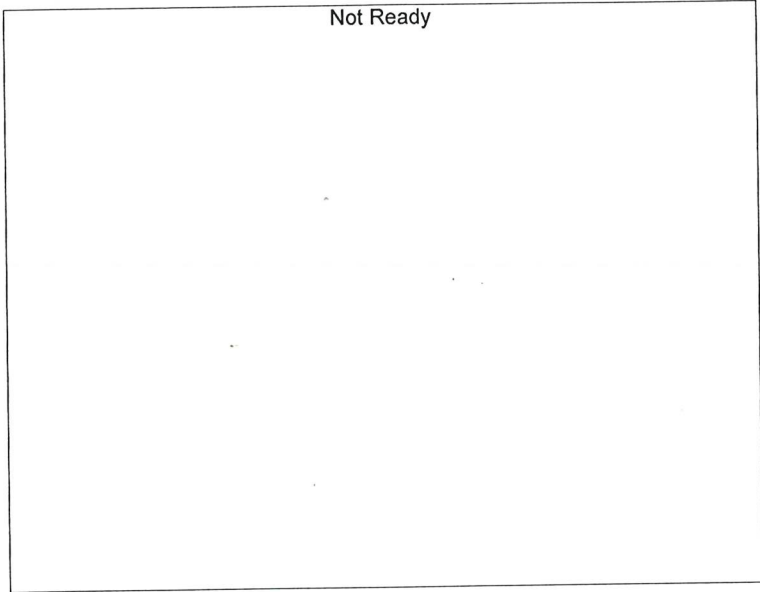
#	Conc.	Area	Std. Conc.
1	0.050	19695	0.0534
2	0.100	39209	0.0995
3	0.200	80146	0.1957
4	0.300	126079	0.2995
5	0.500	213197	0.5017

SR



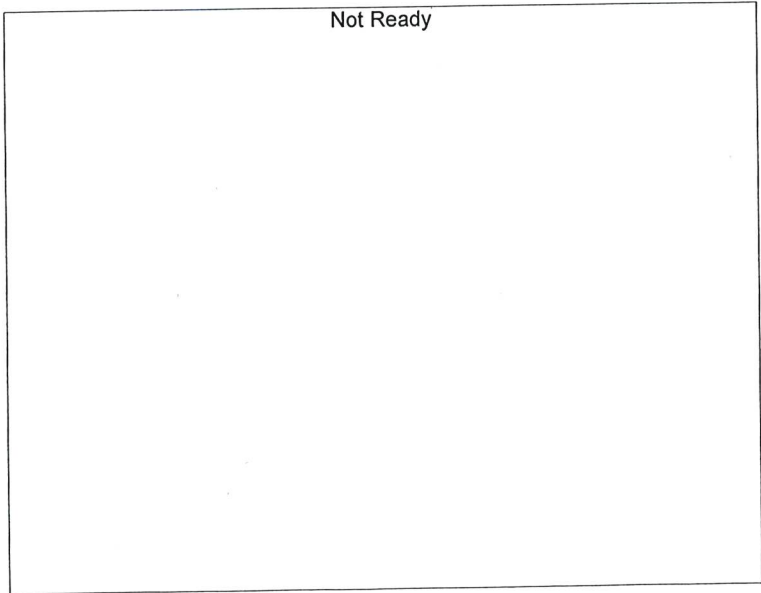
Name : Isopropyl Alcohol
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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



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

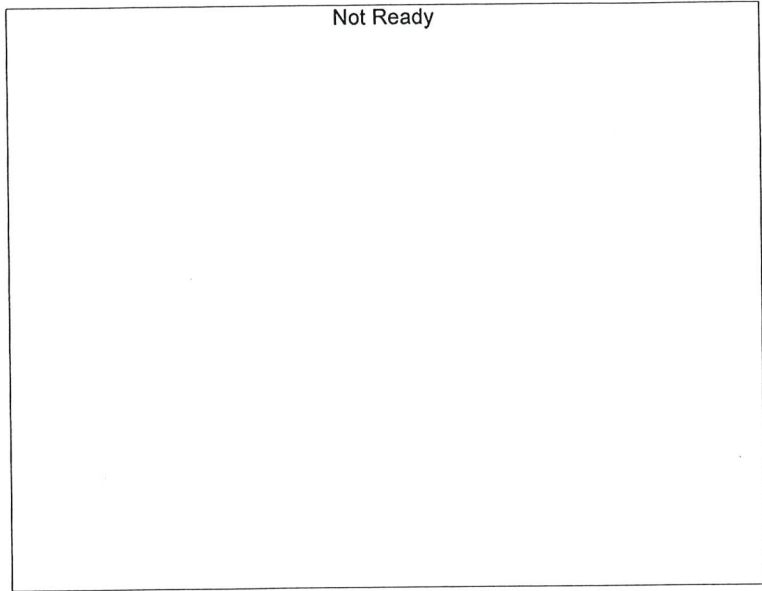
#	Conc.	Area	Std. Conc.
---	-------	------	------------



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

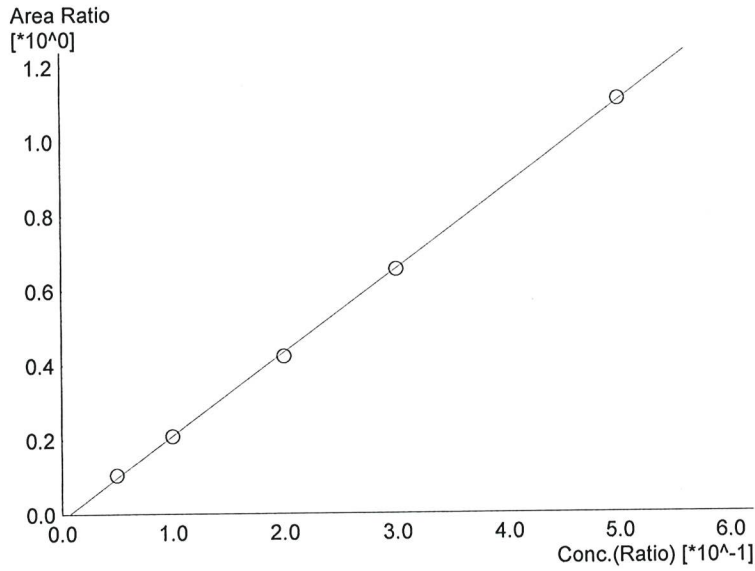
#	Conc.	Area	Std. Conc.
---	-------	------	------------

68



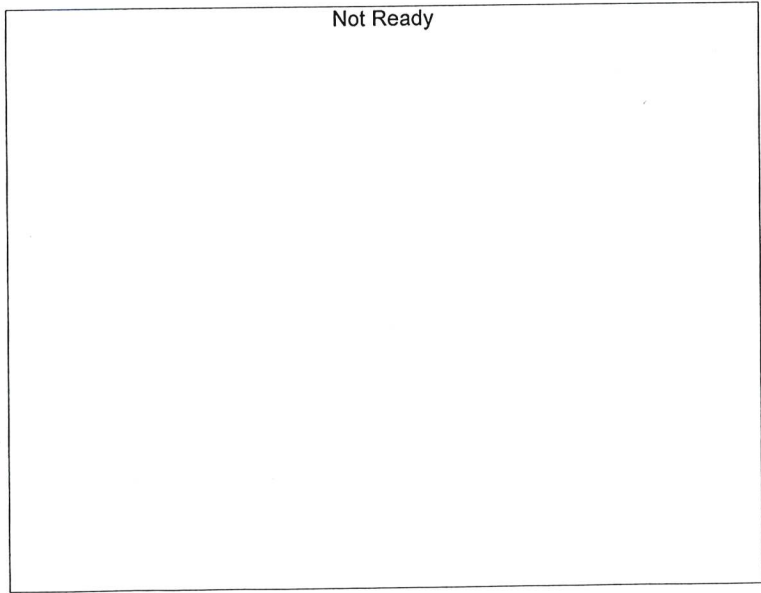
Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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



Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.24010*x-0.0152614$
 R² value= 0.9997037
 FitType: Linear
 ZeroThrough: Not Through

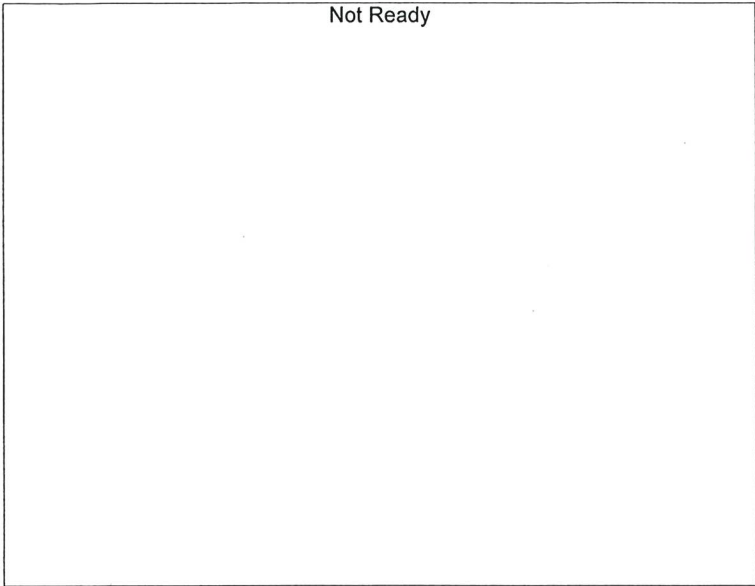
#	Conc.	Area	Std. Conc.
1	0.050	20905	0.0534
2	0.100	41906	0.0999
3	0.200	85221	0.1953
4	0.300	134307	0.2992
5	0.500	227267	0.5019



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

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

65



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

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

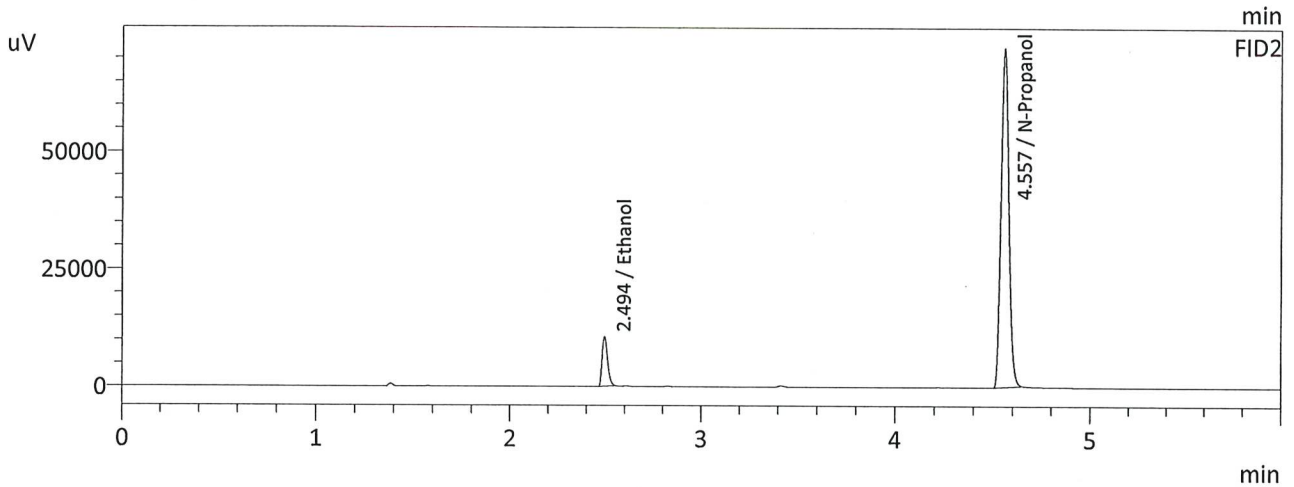
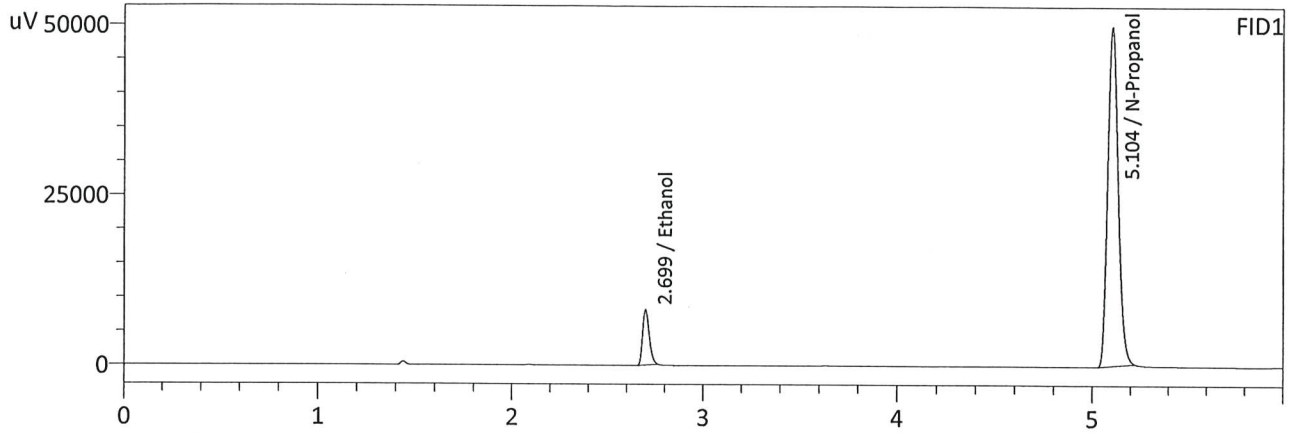


Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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

62

Sample Name : 0.050
 Laboratory : Meridian
 Injection Date : 2/6/2025 9:13:49 AM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

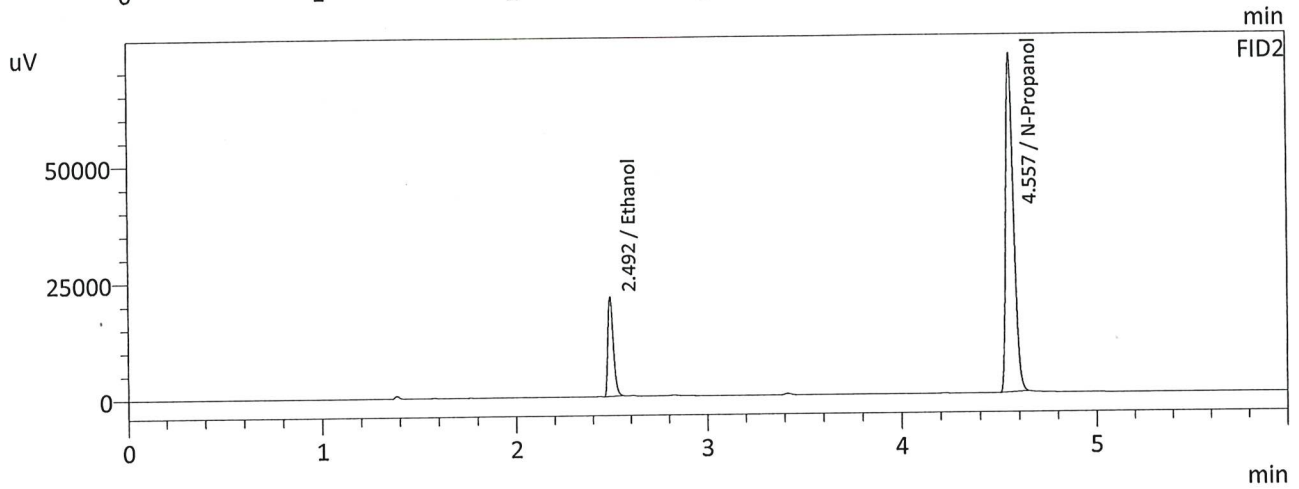
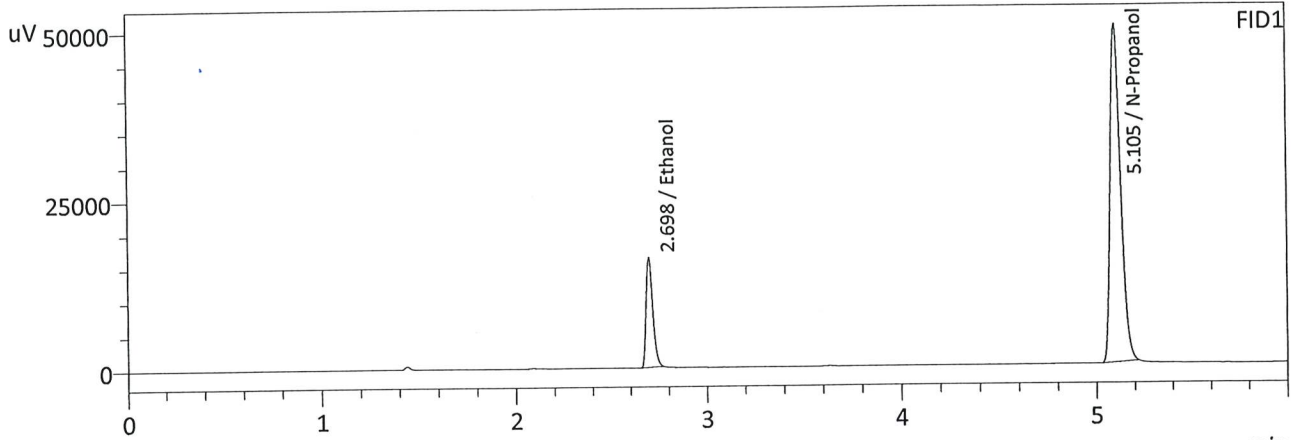
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0534	19695	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	189346	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0534	20905	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	199977	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

62

Sample Name : 0.100
 Laboratory : Meridian
 Injection Date : 2/6/2025 9:26:36 AM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

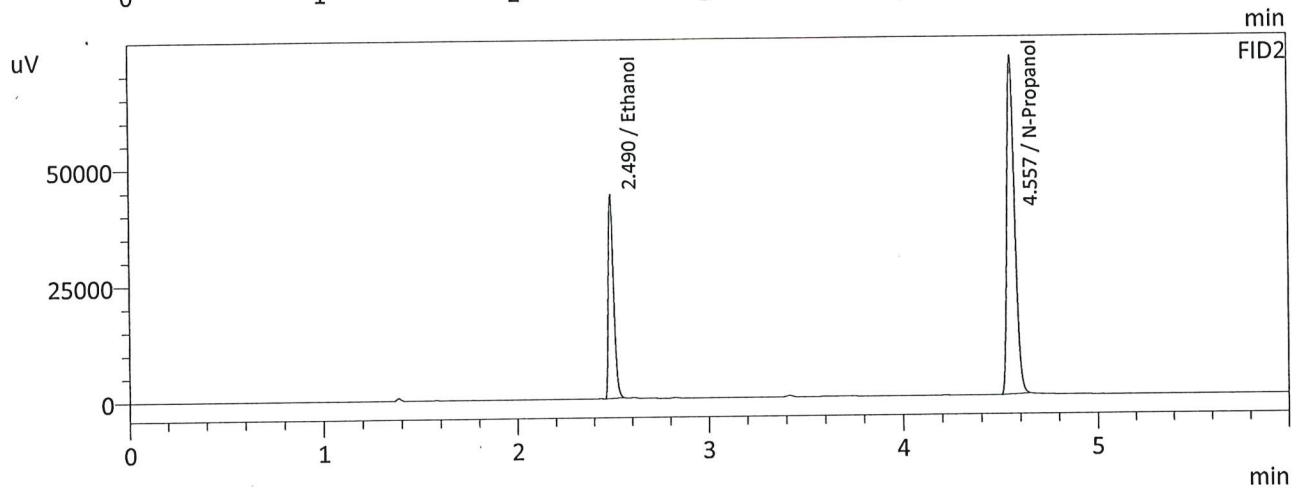
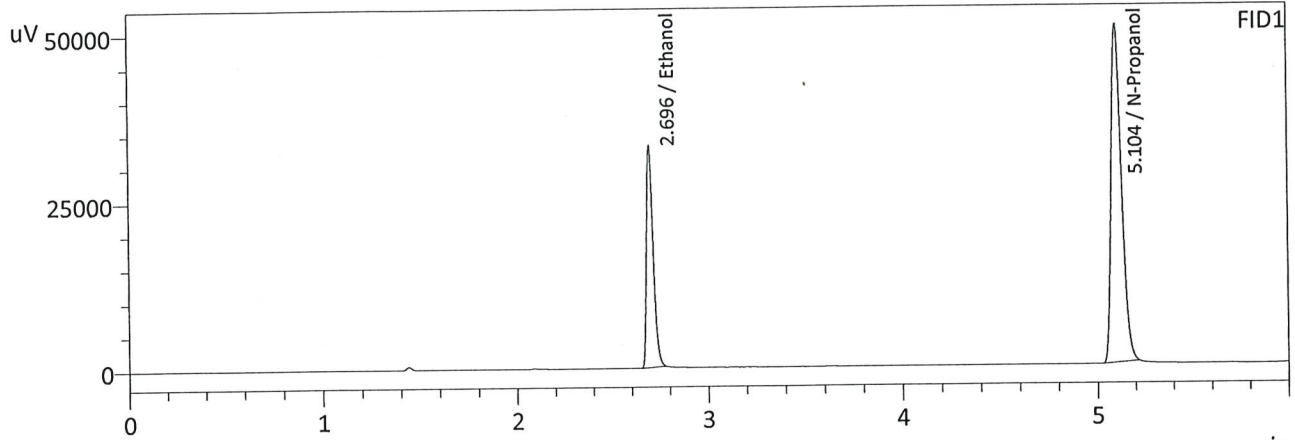
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0995	39209	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	190259	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0999	41906	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200914	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

62

Sample Name : 0.200
 Laboratory : Meridian
 Injection Date : 2/6/2025 9:38:34 AM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

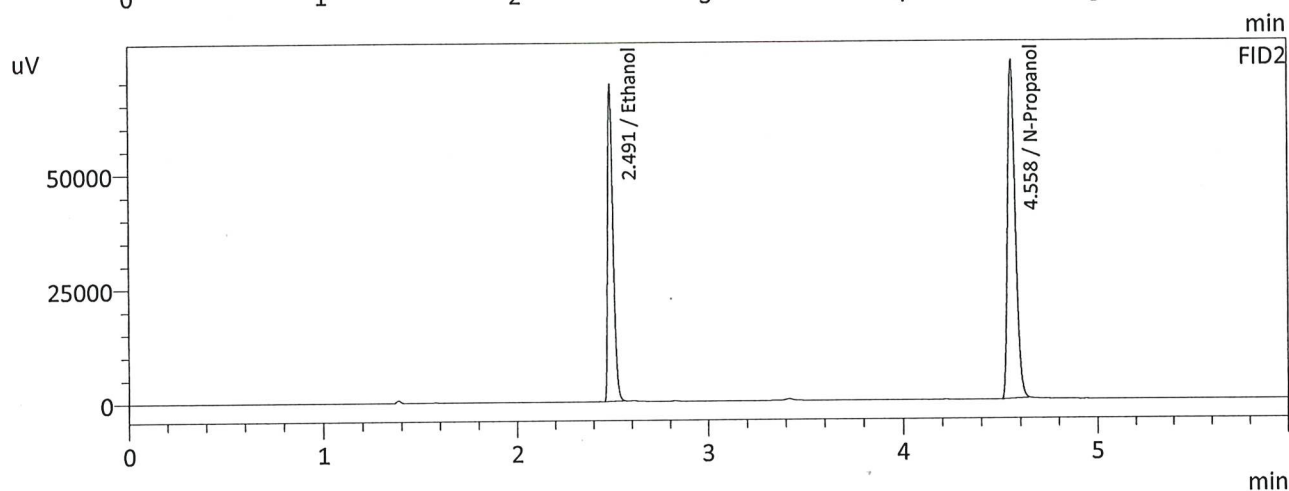
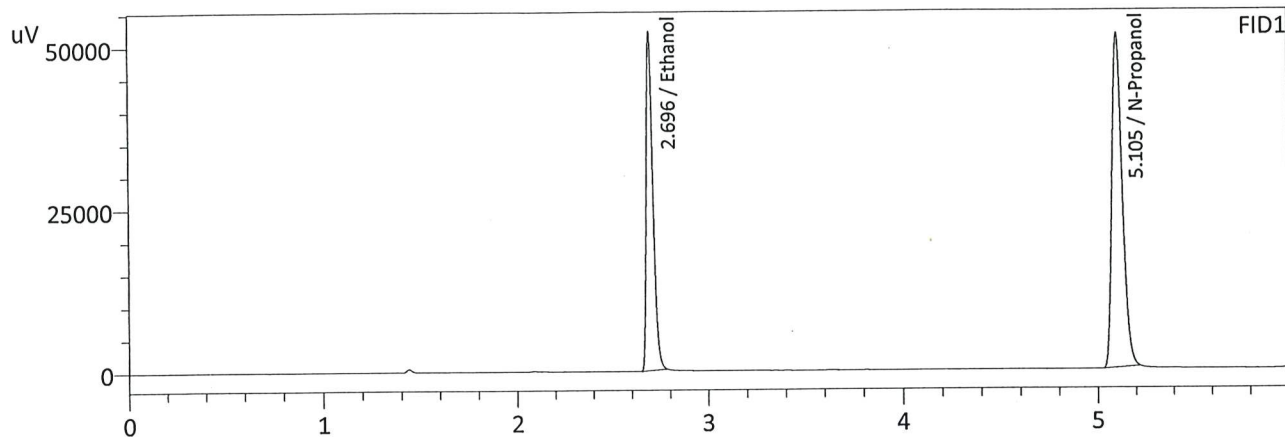
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1957	80146	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	191116	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1953	85221	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	201769	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

57

Sample Name : 0.300
 Laboratory : Meridian
 Injection Date : 2/6/2025 9:50:46 AM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

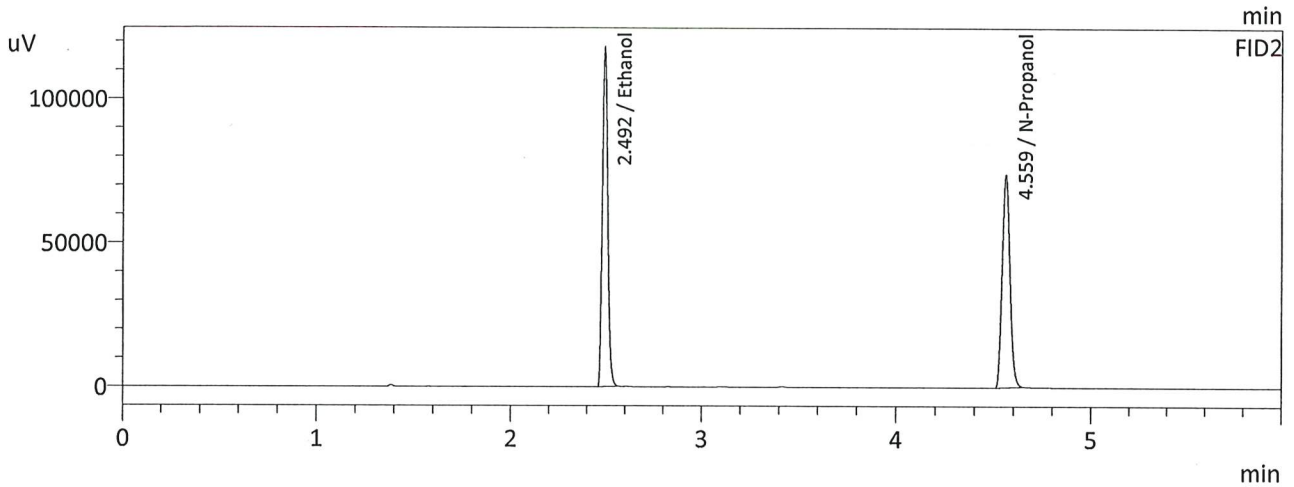
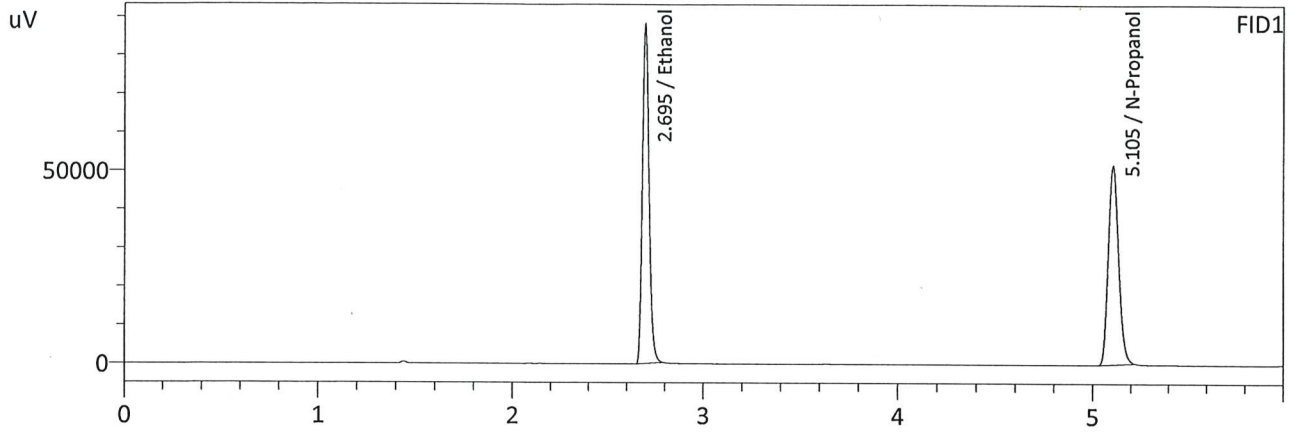
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2995	126079	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	194213	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2992	134307	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	204995	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

SV

Sample Name : 0.500
 Laboratory : Meridian
 Injection Date : 2/6/2025 10:03:15 AM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

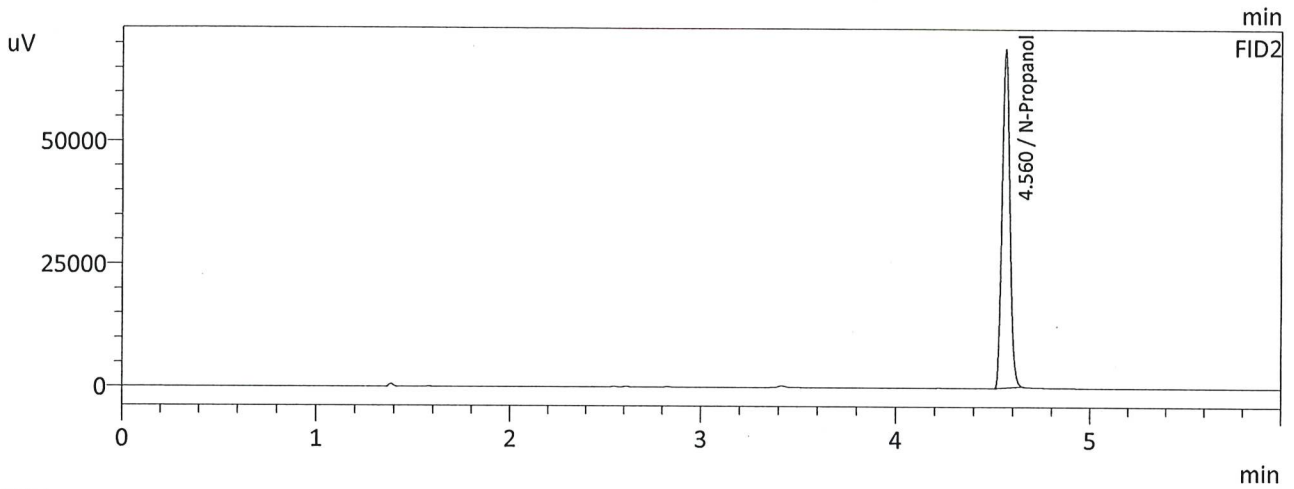
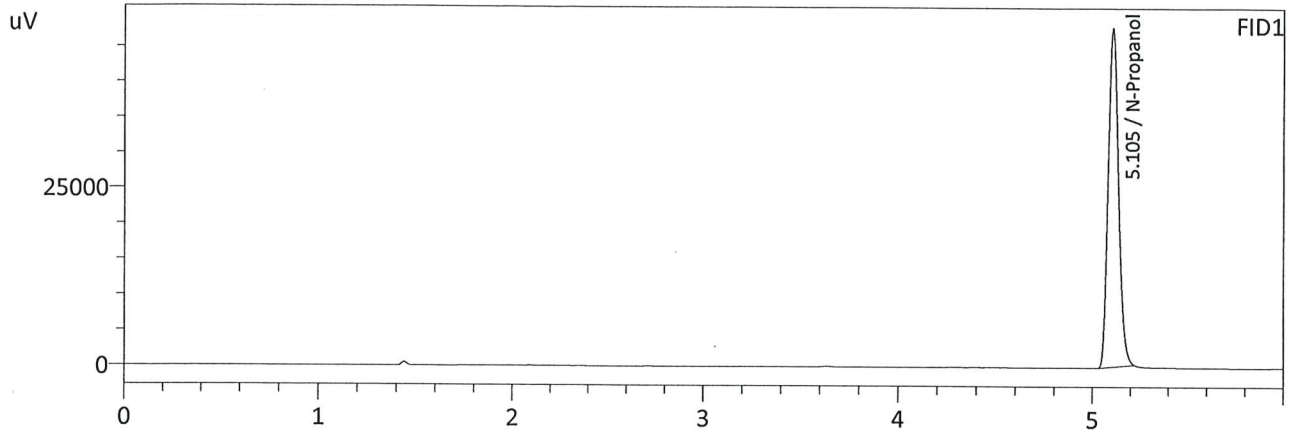
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5017	213197	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	194338	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5019	227267	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	204900	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

65

Sample Name : ISTD BLK
 Laboratory : Meridian
 Injection Date : 2/6/2025 10:15:26 AM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_250206_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	181105	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	191394	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

65

Meridian Blood Alcohol Analysis Batch Table

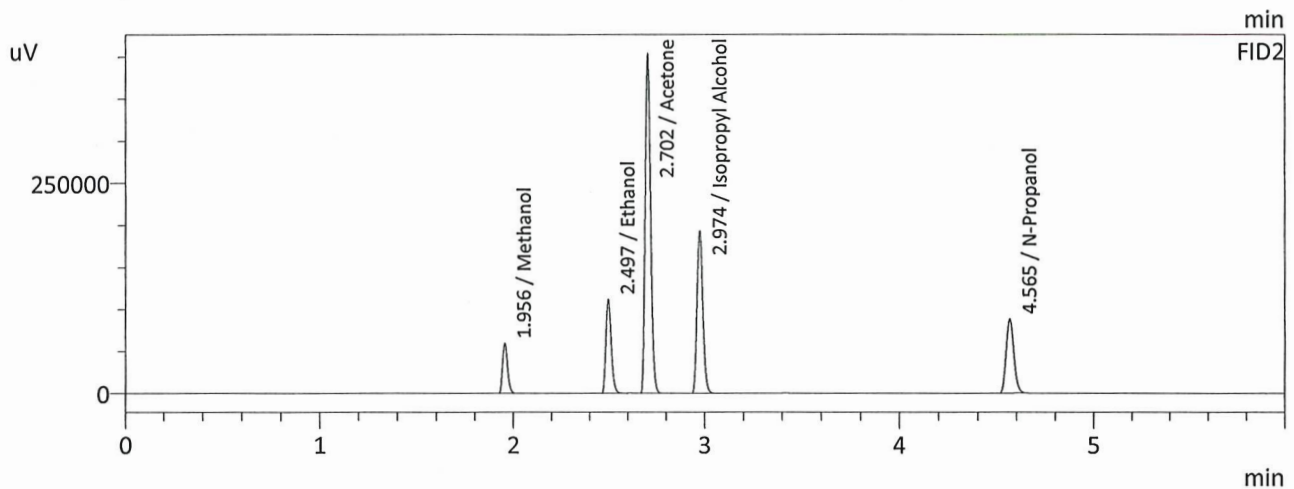
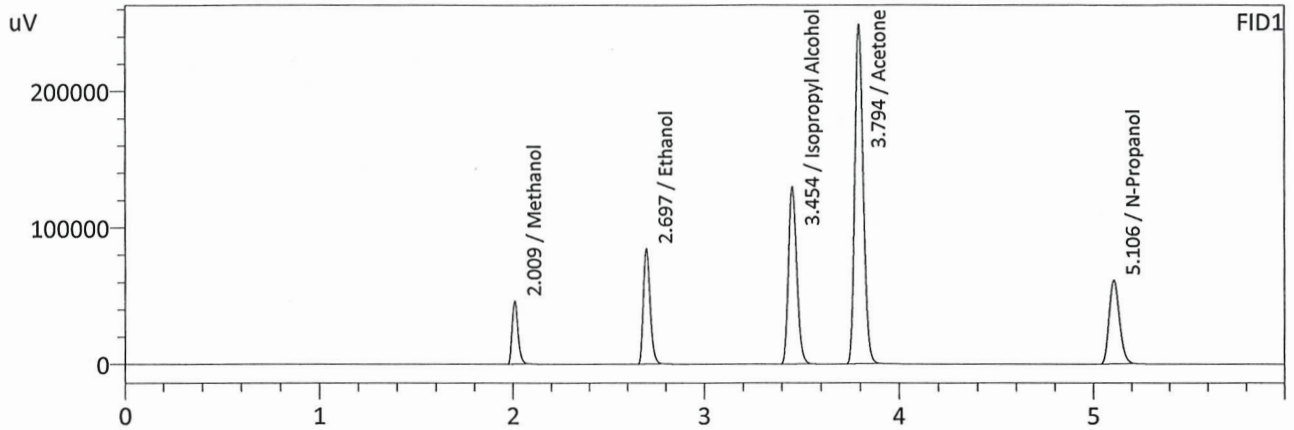
Shimadzu GC-2030 Serial #C12255750548
 Shimadzu HS-20 Serial #C12595800409
 Lab Solutions Database Software Ver. 6.111
 Copyright (C) 2008-2020 Shimadzu Corporation

lot #
 FN 05 302307 →
 2/7/25 BT

Vial#	Sample Name	Sample Type	Level#	Method File
1	INT STD BLK 1	0:Unknown	0	ALCOHOL 250206 GG.gcm
2	ED VOLATILES FN 0604	0:Unknown	1	ALCOHOL 250206 GG.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 250206 GG.gcm
6	0.08 QA	0:Unknown	0	ALCOHOL 250206 GG.gcm
7	M2025-0374-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
8	M2025-0374-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
9	M2025-0388-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
10	M2025-0388-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
11	M2025-0389-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
12	M2025-0389-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
13	M2025-0392-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
14	M2025-0392-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
15	M2025-0401-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
16	M2025-0401-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
17	M2025-0407-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
18	M2025-0407-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
19	M2025-0408-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
20	M2025-0408-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
21	M2025-0423-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
22	M2025-0423-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
23	M2025-0437-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
24	M2025-0437-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
27	M2025-0448-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
28	M2025-0448-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
29	M2025-0459-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
30	M2025-0459-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
31	M2025-0505-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
32	M2025-0505-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
33	M2025-0506-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
34	M2025-0506-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
35	M2025-0520-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
36	M2025-0520-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
37	M2025-0528-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
38	M2025-0528-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
39	M2025-0530-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
40	M2025-0530-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
41	M2025-0534-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
42	M2025-0534-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
43	M2025-0535-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
44	M2025-0535-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
45	P2025-0307-1	0:Unknown	0	ALCOHOL 250206 GG.gcm
46	P2025-0307-1-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
47	QC1-2	0:Unknown	0	ALCOHOL 250206 GG.gcm
48	QC1-2-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
49	QC2-2	0:Unknown	0	ALCOHOL 250206 GG.gcm
50	QC2-2-B	0:Unknown	0	ALCOHOL 250206 GG.gcm
51	INT STD BLK	0:Unknown	0	ALCOHOL 250206 GG.gcm

BT

Sample Name : MIXED VOLATILES FN 06041902
 Laboratory : Meridian
 Injection Date : 2/6/2025 11:17:06 AM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	98051	g/100cc
Ethanol	0.4058	205595	g/100cc
Isopropyl Alcohol	0.0000	383911	g/100cc
Acetone	0.0000	746498	g/100cc
N-Propanol	0.0000	232392	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	107165	g/100cc
Ethanol	0.4052	218851	g/100cc
Acetone	0.0000	793574	g/100cc
Isopropyl Alcohol	0.0000	403992	g/100cc
N-Propanol	0.0000	245179	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

60

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA

Analysis Date(s): 2/6/2025 11:54:00 AM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0819	0.0820	0.0001	0.0819	0.0012	0.0825
(g/100cc)	0.0830	0.0832	0.0002	0.0831		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

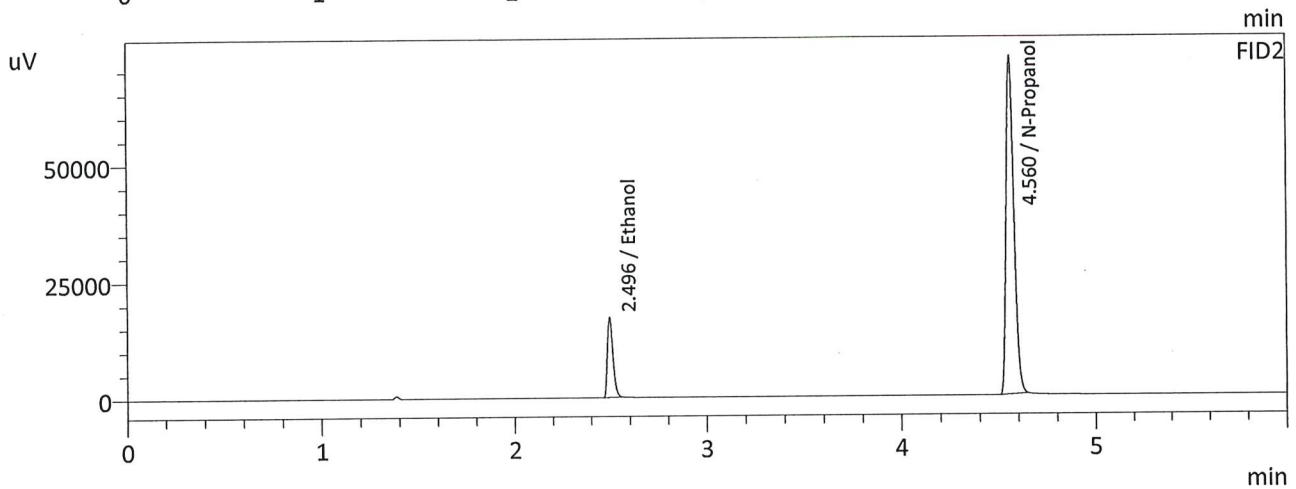
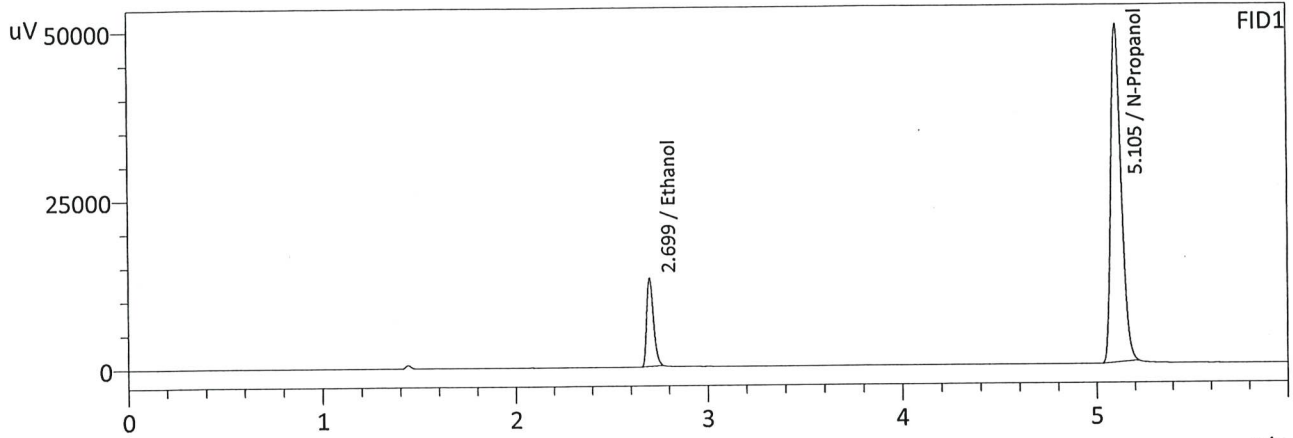
Refer To Instrument Method: ALCOHOL_250206_GG.gcm

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

Reported Results	
0.082	

Calibration and control data are stored centrally.

Sample Name : 0.08 QA
 Laboratory : Meridian
 Injection Date : 2/6/2025 11:54:00 AM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

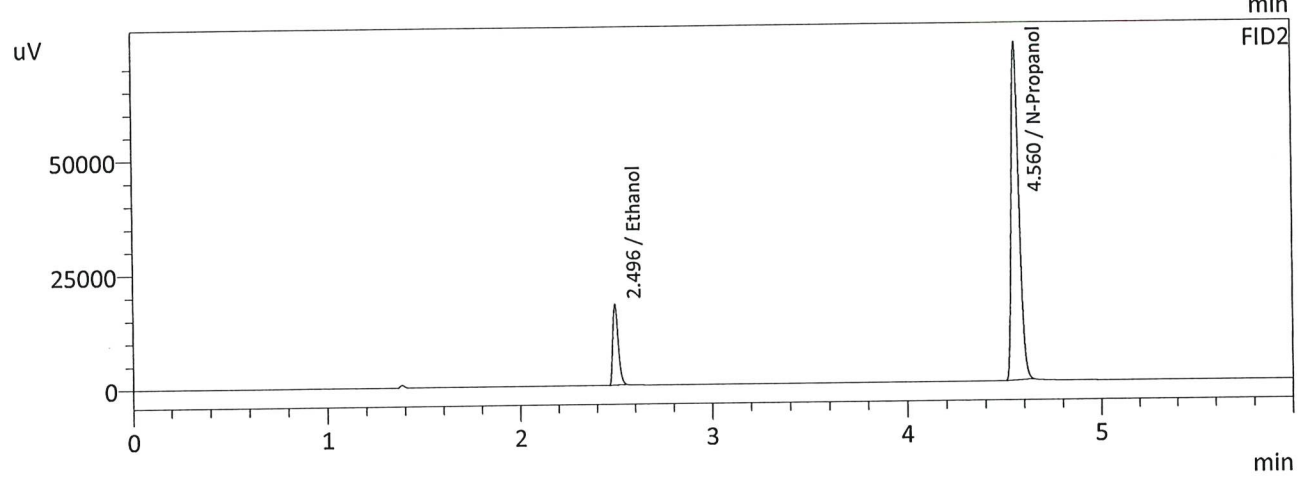
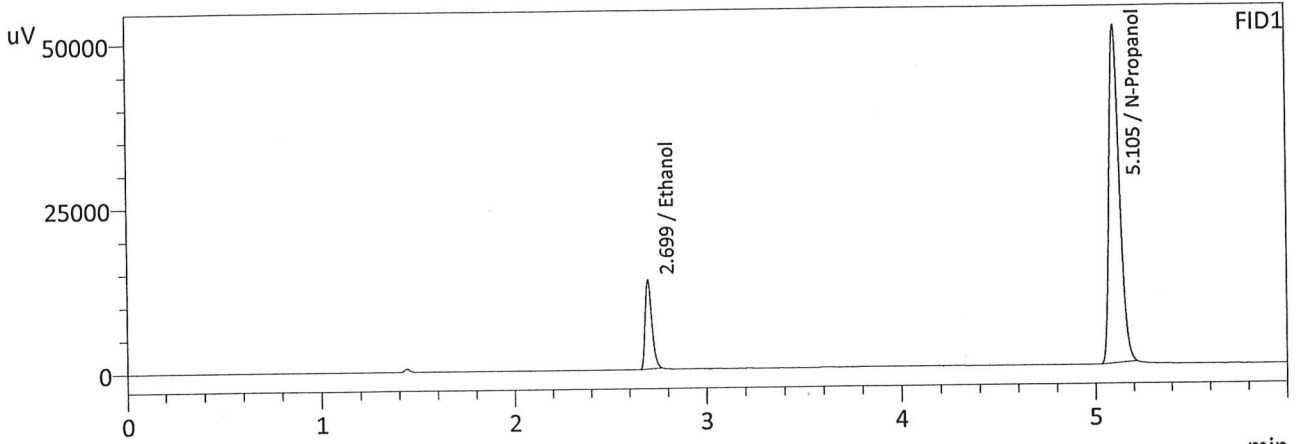
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0819	31778	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	190119	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0820	33850	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200727	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.08 QA
 Laboratory : Meridian
 Injection Date : 2/6/2025 12:06:13 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0830	32897	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	194072	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0832	35076	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	204840	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

fw

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1			Analysis Date(s): 2/6/2025 11:29:17 AM(-07:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0806	0.0805	0.0001	0.0805	0.0000	0.0805
(g/100cc)	0.0804	0.0806	0.0002	0.0805		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250206_GG.gcm

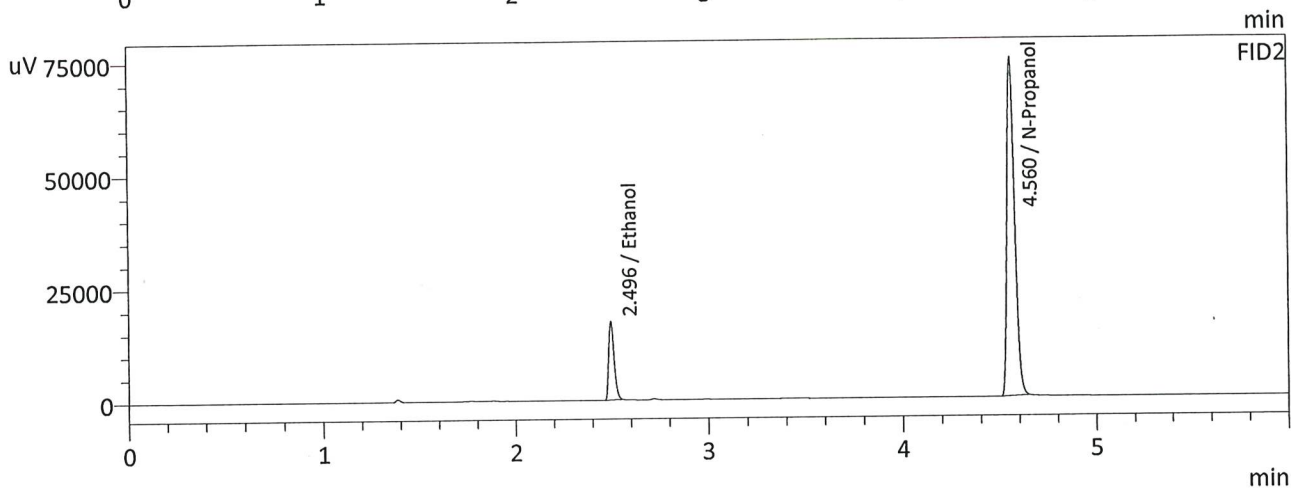
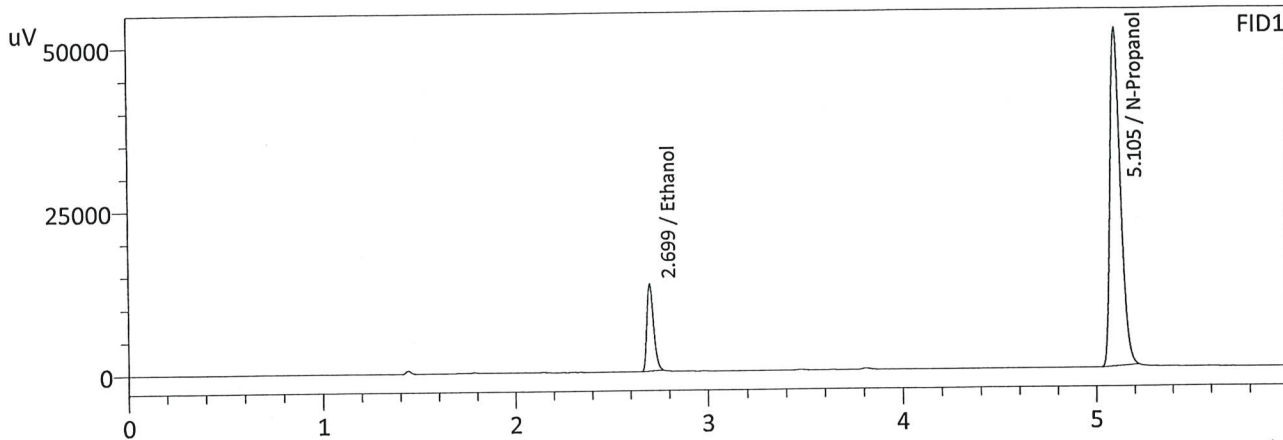
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

Reported Results	
0.080	

Calibration and control data are stored centrally.

fr

Sample Name : QC-1-1
 Laboratory : Meridian
 Injection Date : 2/6/2025 11:29:17 AM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

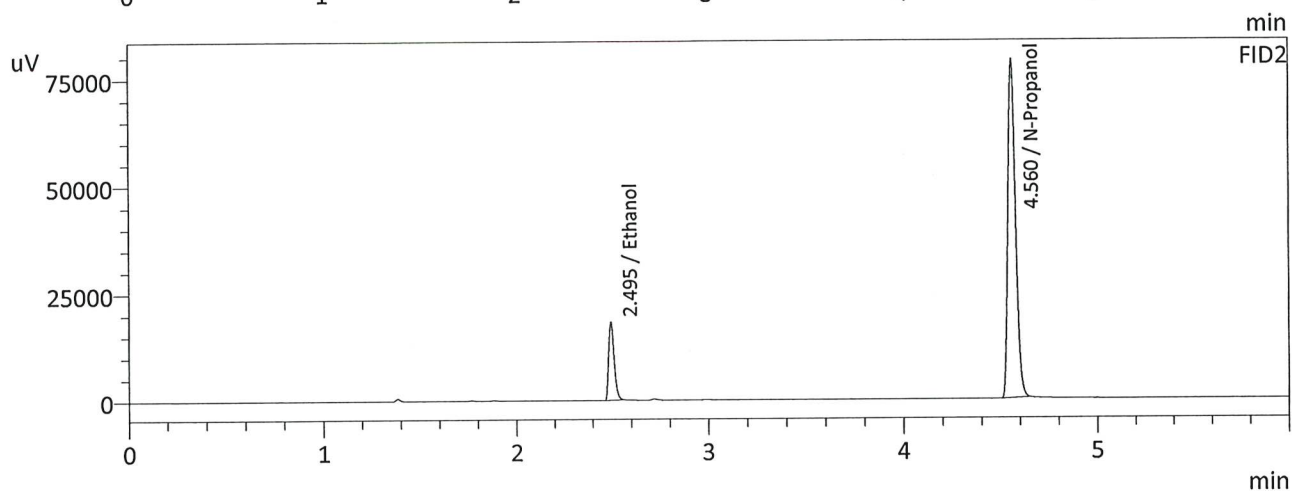
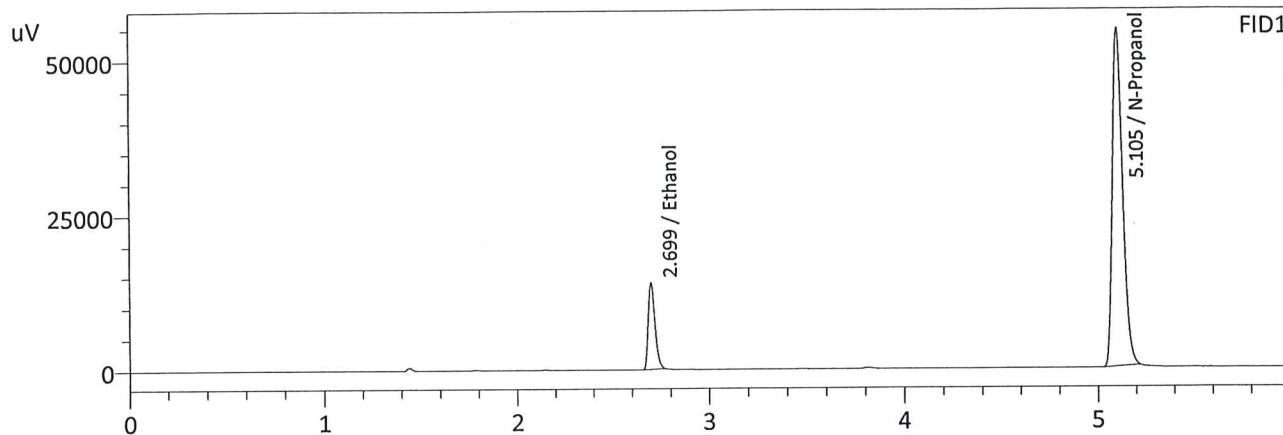
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0806	32238	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196119	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0805	34263	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	207330	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC-1-1-B
 Laboratory : Meridian
 Injection Date : 2/6/2025 11:41:40 AM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0804	33847	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	206473	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0806	36130	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	218519	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

6r

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2		Analysis Date(s): 2/6/2025 8:32:26 PM(-07:00)				
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.0841	0.0839	0.0002	0.0840	0.0010	0.0845
(g/100cc)	0.0851	0.0850	0.0001	0.0850		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

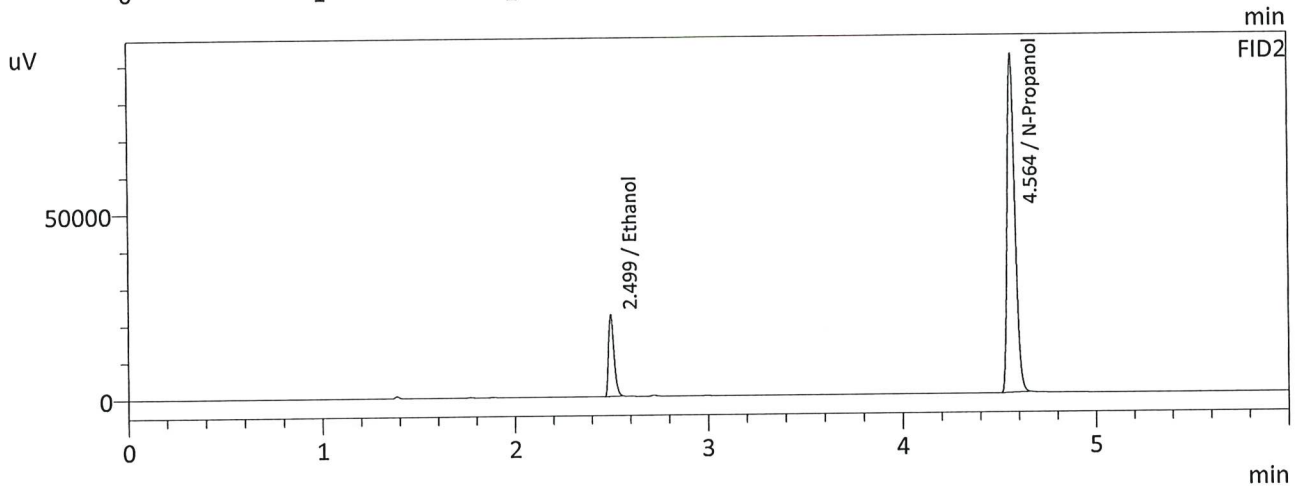
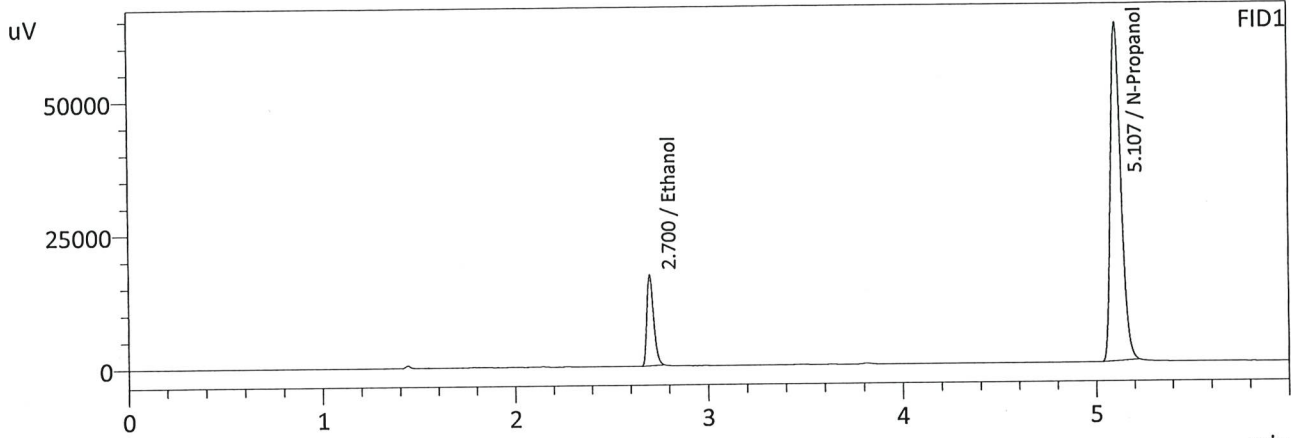
Refer To Instrument Method: ALCOHOL_250206_GG.gcm

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 : 2/6/2025 8:32:26 PM
 Vial # : 47
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

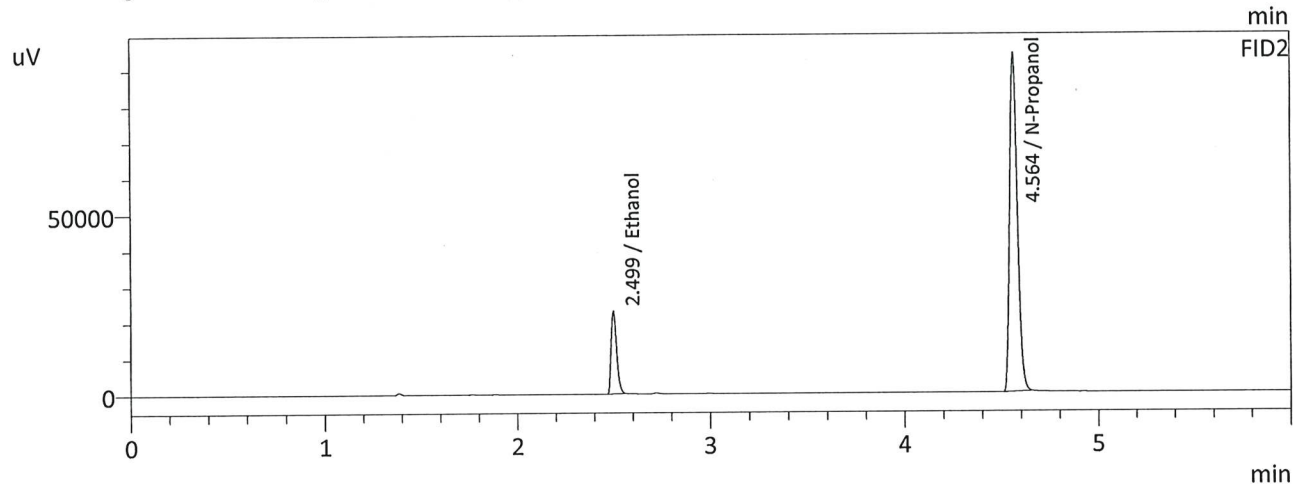
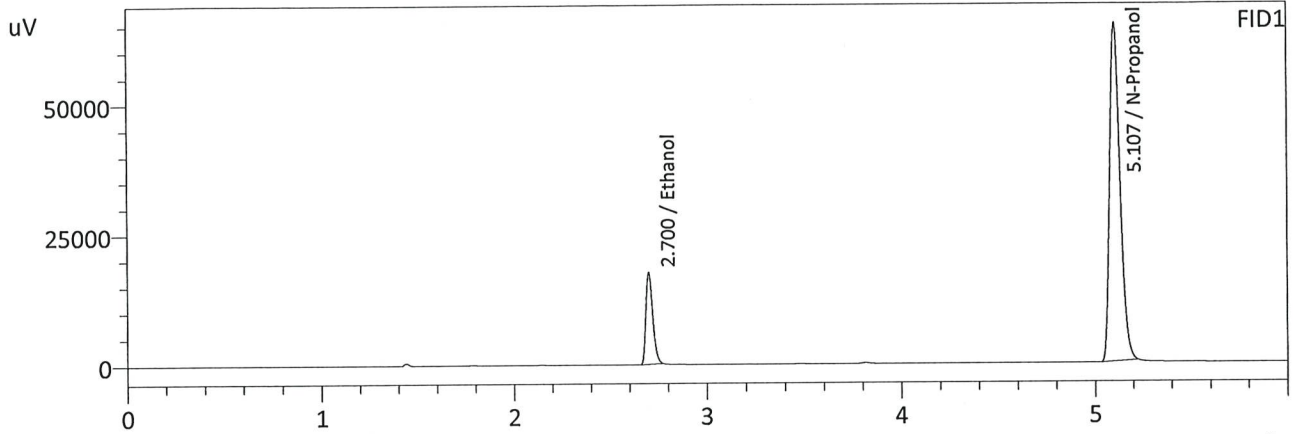
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0841	41261	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	239762	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0839	43864	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	253765	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

67

Sample Name : QC1-2-B
 Laboratory : Meridian
 Injection Date : 2/6/2025 8:44:39 PM
 Vial # : 48
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0851	42876	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	245918	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0850	45619	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	260341	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 2/6/2025 4:00:37 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2038	0.2032	0.0006	0.2035	0.0010	0.2040
(g/100cc)	0.2048	0.2042	0.0006	0.2045		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250206_GG.gcm

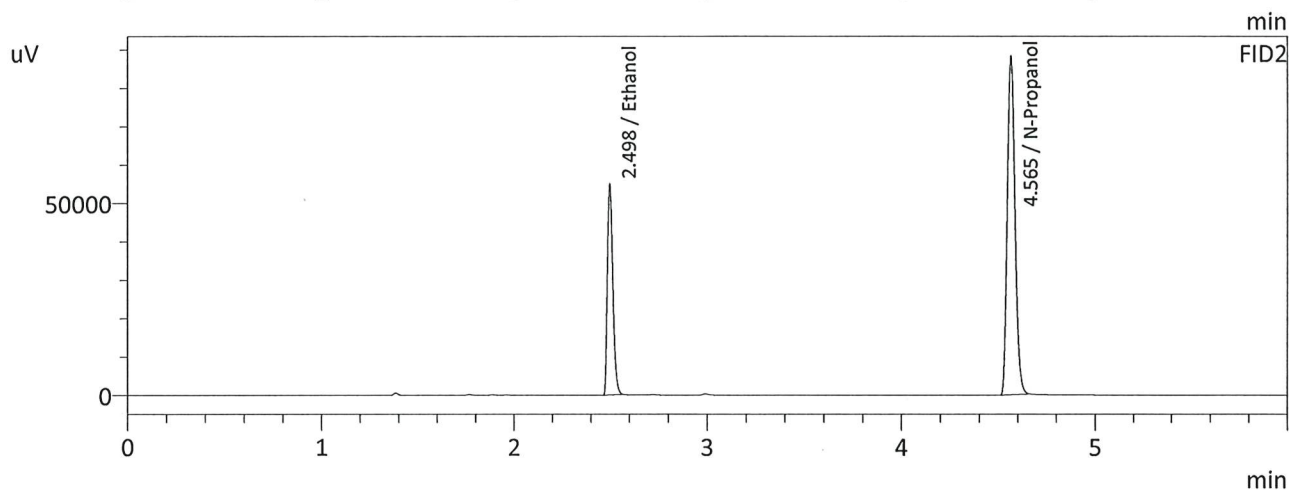
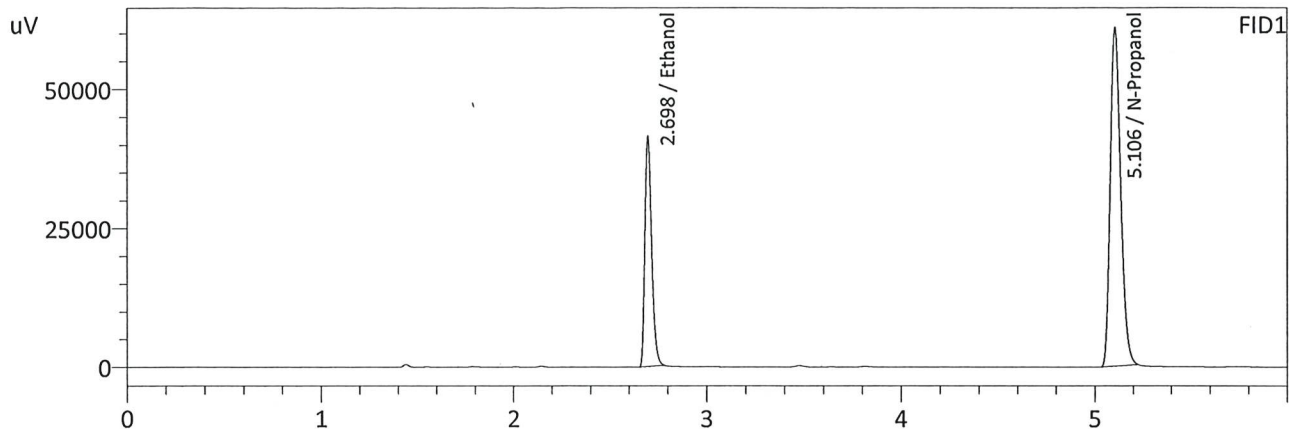
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.204	0.193	0.215	0.011

Reported Results	
0.204	

Calibration and control data are stored centrally.

W

Sample Name : QC-2-1
 Laboratory : Meridian
 Injection Date : 2/6/2025 4:00:37 PM
 Vial # : 25
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

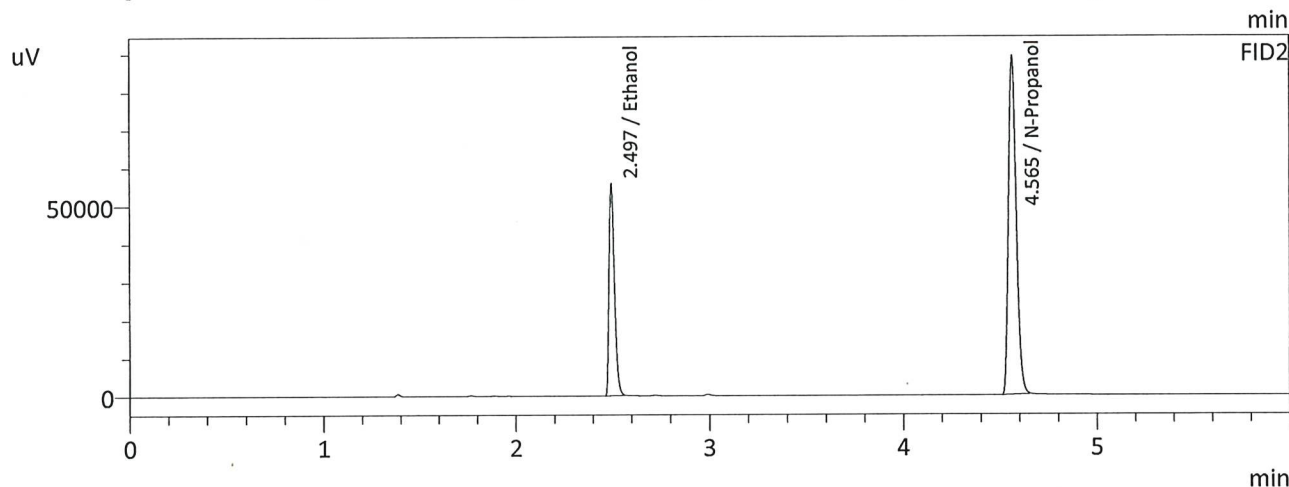
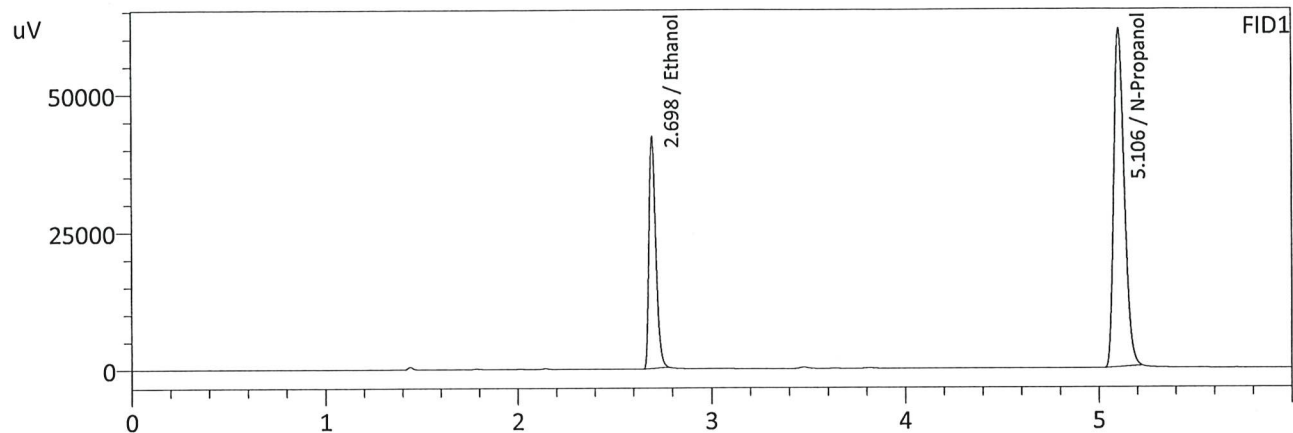
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2038	101252	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	231553	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2032	108018	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	245411	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC-2-1-B
 Laboratory : Meridian
 Injection Date : 2/6/2025 4:13:17 PM
 Vial # : 26
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2048	102617	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	233574	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2042	109488	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	247607	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-2			Analysis Date(s): 2/6/2025 8:57:05 PM(-07:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2071	0.2069	0.0002	0.2070	0.0005	0.2067
(g/100cc)	0.2067	0.2064	0.0003	0.2065		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

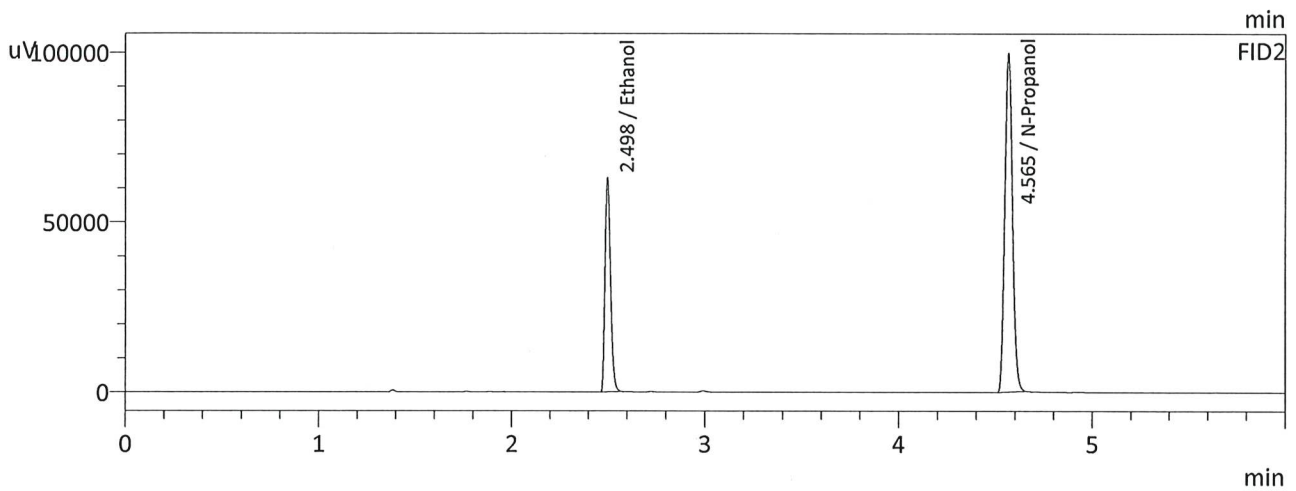
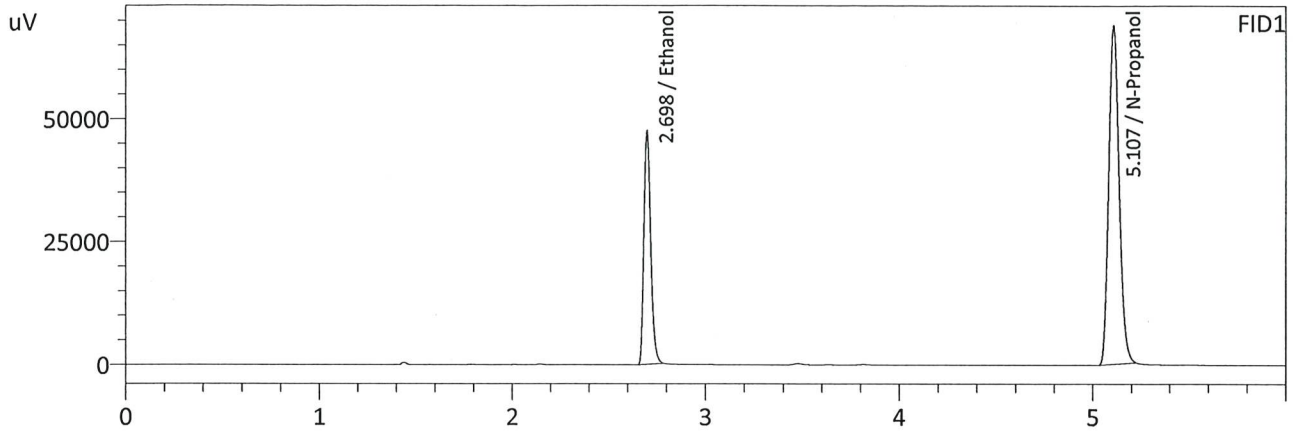
Refer To Instrument Method: ALCOHOL_250206_GG.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.206	0.195	0.217	0.011

Reported Results	
0.206	

Calibration and control data are stored centrally.

Sample Name : QC2-2
 Laboratory : Meridian
 Injection Date : 2/6/2025 8:57:05 PM
 Vial # : 49
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

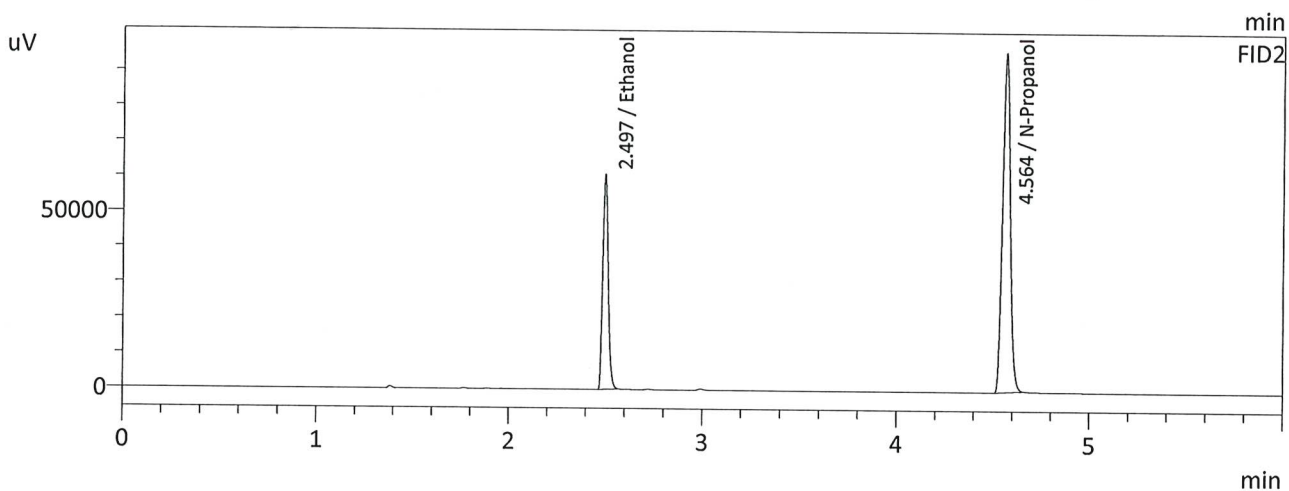
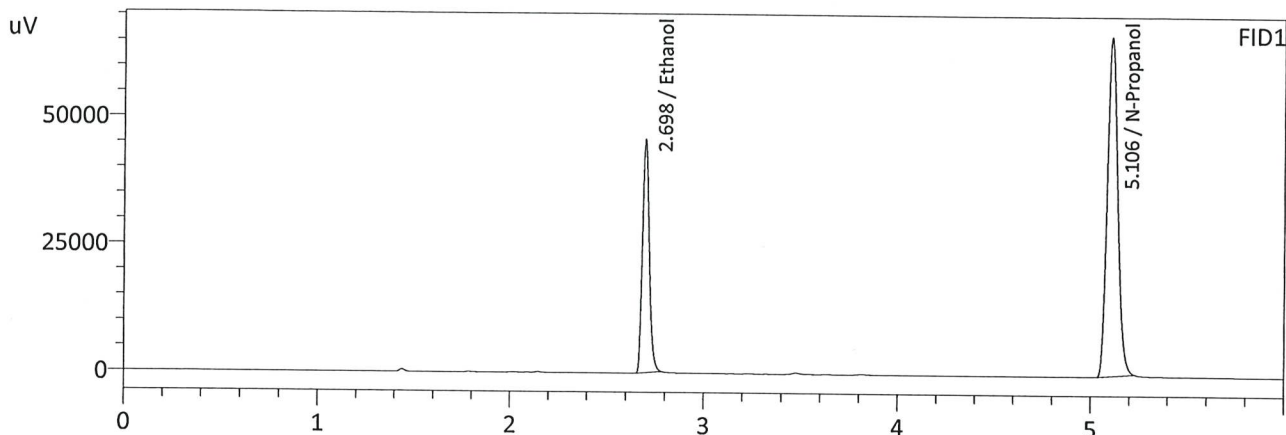
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2071	115890	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	260755	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2069	123875	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	276262	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

65

Sample Name : QC2-2-B
 Laboratory : Meridian
 Injection Date : 2/6/2025 9:09:27 PM
 Vial # : 50
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

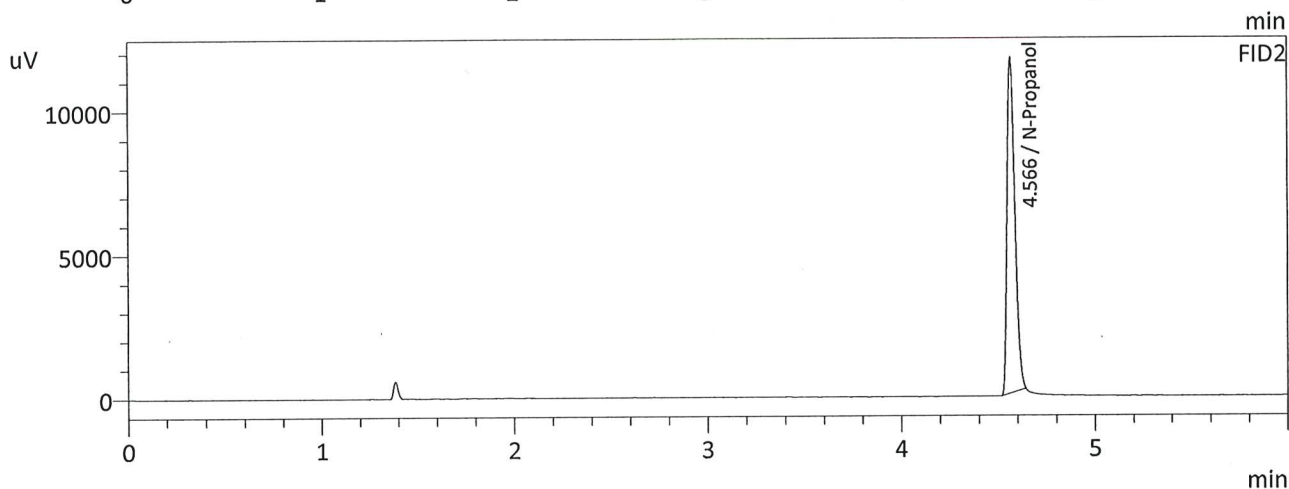
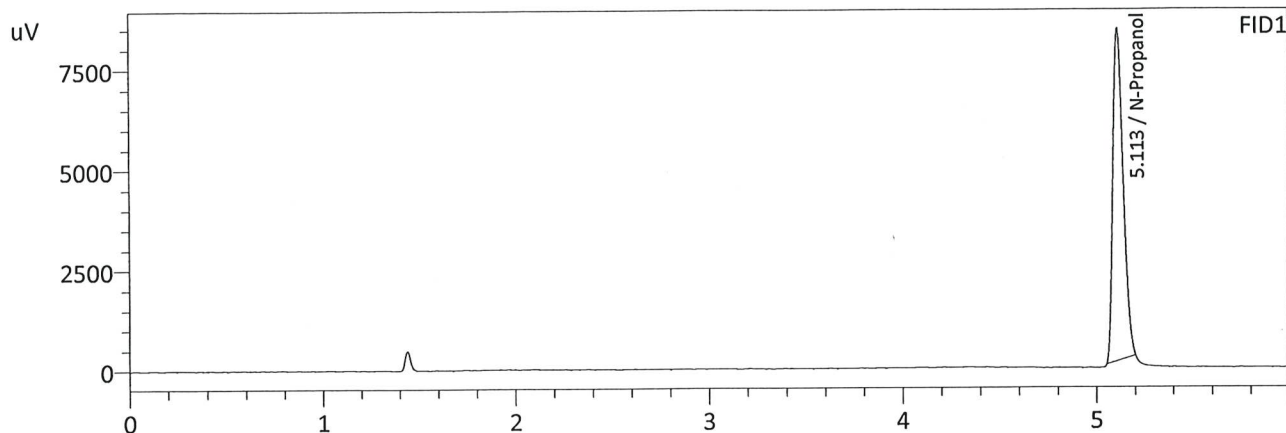
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2067	111641	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	251628	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2064	119110	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	266286	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

67

Sample Name : INT STD BLK 1
 Laboratory : Meridian
 Injection Date : 2/6/2025 11:04:21 AM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_250206_GG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

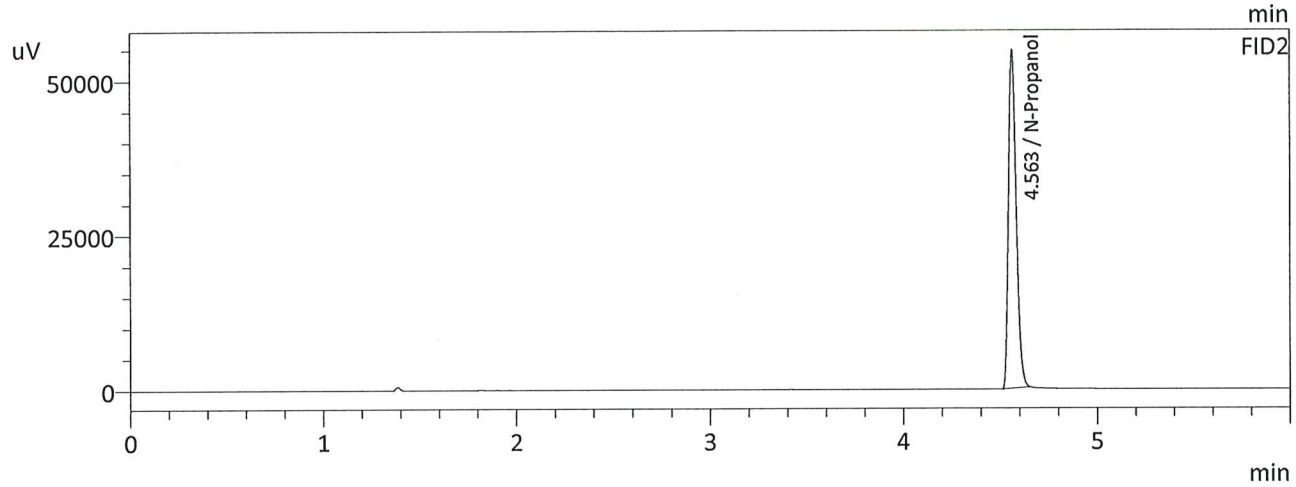
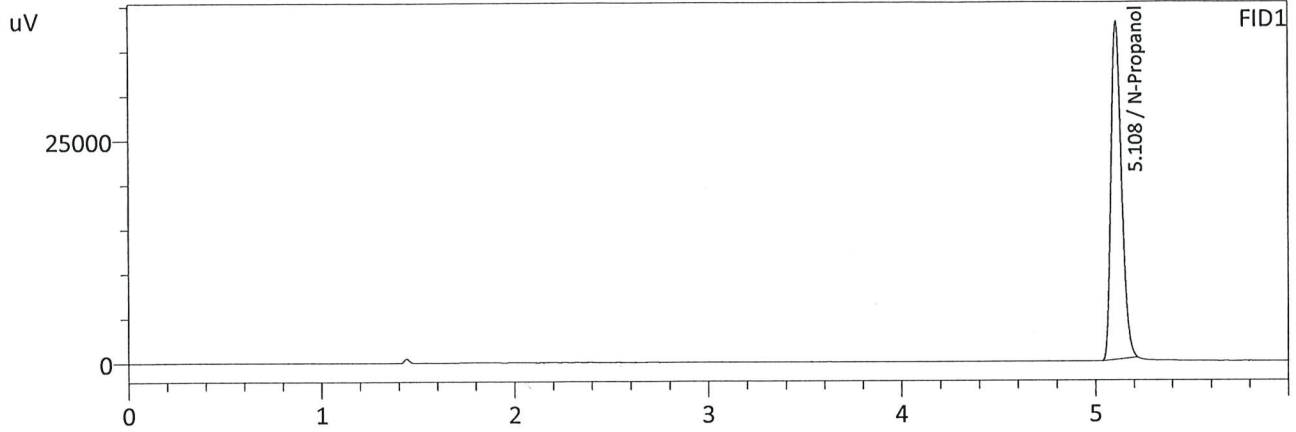
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	30967	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	32853	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

fr

Sample Name : INT STD BLK
 Laboratory : Meridian
 Injection Date : 2/6/2025 9:21:35 PM
 Vial # : 51
 Method Filename : Default Project - ALCOHOL_250206_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	144236	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	152268	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W