REVIEWED
By Galina Giso at 7:59 am, Jun 26, 2025

6/23/2025

Quantitative run on 6/23/25 failed due to high 0.080 QA

Worklist: 7180

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION	
M2025-2446	1	BCK	Alcohol Analysis	
M2025-2450	1	BCK	Alcohol Analysis	
M2025-2465	1	BCK	Alcohol Analysis	
M2025-2495	1	BCK	Alcohol Analysis	
M2025-2502	1	BCK	Alcohol Analysis	
M2025-2503	1	BCK	Alcohol Analysis	
M2025-2511	1	BCK	Alcohol Analysis	
M2025-2513	3	BCK	Alcohol Analysis	
M2025-2524	1	BCK	Alcohol Analysis	
M2025-2525	1	BCK	Alcohol Analysis	
M2025-2527	1	BCK	Alcohol Analysis	
M2025-2534	1	BCK	Alcohol Analysis	
M2025-2547	1	BCK	Alcohol Analysis	Both M2025-2547 and M2025-2555 did not meet vial A and B precision and needs to be repeated
M2025-2554	1	BCK	Alcohol Analysis	
M2025-2555	1	BCK	Alcohol Analysis	
M2025-2556	1	BCK	Alcohol Analysis	
M2025-2565	1	BCK	Alcohol Analysis	
M2025-2566	1	BCK	Alcohol Analysis	
M2025-2567	1	BCK	Alcohol Analysis	
P2025-1700	1	BCK	Alcohol Analysis	QUALITATIVE ONLY Ran on 6/23/25

NB

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls **Run Date(s): 6/25/25**

Calibration Date: 6/25/25

Worklist #: 7180

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	May-27	2302119	0.0837	0.0754-0.0920	0.0796 g/100cc 0.0835 g/100cc g/100cc
Level 2	May-27	2302120	0.2054	0.1849-0.2259	0.1997 g/100cc 0.2006 g/100cc g/100cc
Multi-Component mixture:	**Exp:** 28-May	**Lot #**	FN05302307		
Curve Fit:		**Column 1**	0.99998	**Column2**	0.99996

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0508	0.0512	0.0004	0.051
100	0.100	0.090 - 0.110	0.0993	0.0987	0.0006	0.099
200	0.200	0.180 - 0.220	0.1990	0.1990	0	0.199
300	0.300	0.270 - 0.330	0.3008	0.3010	0.0002	0.3009
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.4999	0.4998	1E-04	0.4998

Aqueous Controls

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

NB

Internal Standard Monitoring Worksheet

Worklist #: **7180** **Run Date(s):** **6/25/25**

Internal Standard Solution:	Prep Date: 6/24/2025	Exp Date: 12/24/2025

Sample Name	Column 1 Value	Column 2 Value
0.080	180988	192342
0.080	178336	189375
QC1	186144	198267
QC1	183341	195234
QC1	214766	228752
QC1	216349	230292
QC1		
QC1		
QC2	206929	220937
QC2	214451	229085
QC2	219904	234032
QC2	222668	237101
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	202387.6	161910.1	242865.1
Column 2	215541.7	172433.4	258650.0

NB

Calibration Table

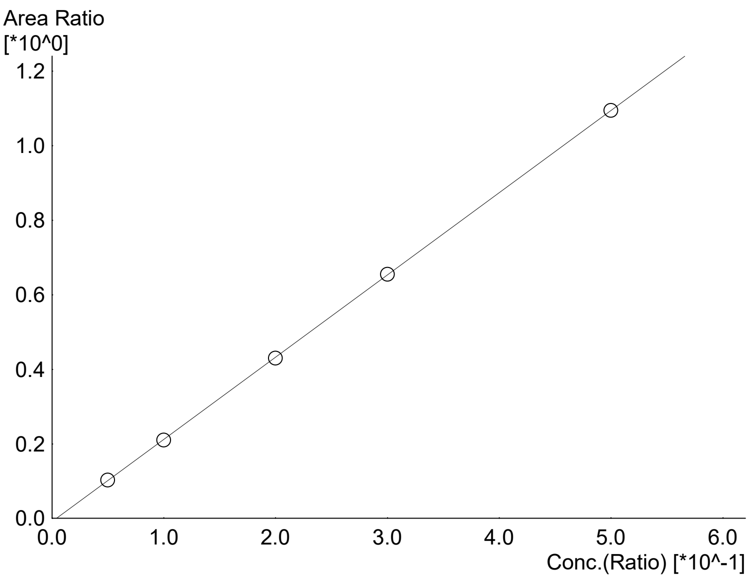
Laboratory : MERIDIAN
Instrument Name : GC-BAC
Instrument Serial # : C12595800409 / C12255750548

<<Method File>>
Method File :Default Project - ALCOHOL_250625NB.gcm
Date Created :6/25/2025 6:06:38 AM
Date Modified :6/26/2025 6:13:50 AM

Not Ready

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

#	Conc.	Area	Std. Conc.



Name : Ethanol
Detector Name: FID1
Function : f(x)=2.20688*x-0.00916519
R^2 value= 0.9999798
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	18710	0.0508
2	0.100	38043	0.0993
3	0.200	78072	0.1990
4	0.300	118988	0.3008
5	0.500	199396	0.4999

NB

Not Ready

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.

Not Ready

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

#	Conc.	Area	Std. Conc.

Not Ready

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

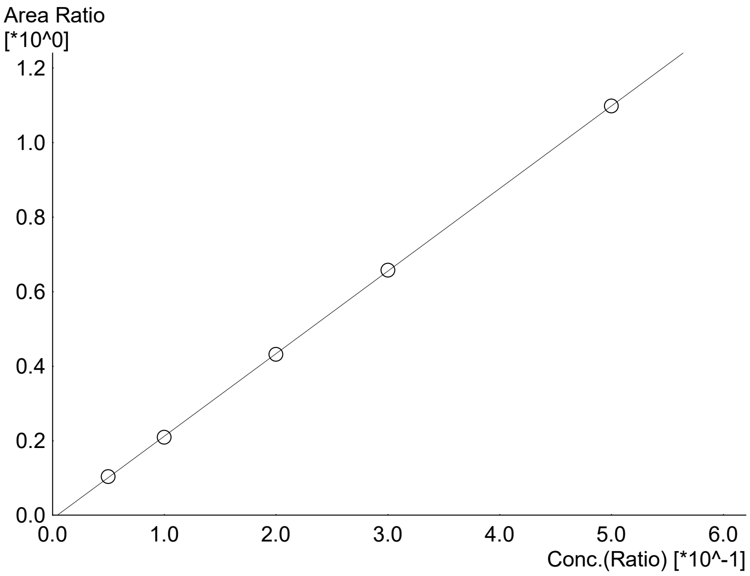
#	Conc.	Area	Std. Conc.

NB

Not Ready

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

#	Conc.	Area	Std. Conc.



Name : Ethanol
Detector Name: FID2
Function : f(x)=2.21585*x-0.00986689
R^2 value= 0.9999608
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	20040	0.0512
2	0.100	40253	0.0987
3	0.200	83241	0.1990
4	0.300	126776	0.3010
5	0.500	212311	0.4998

Not Ready

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

#	Conc.	Area	Std. Conc.

NB

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.

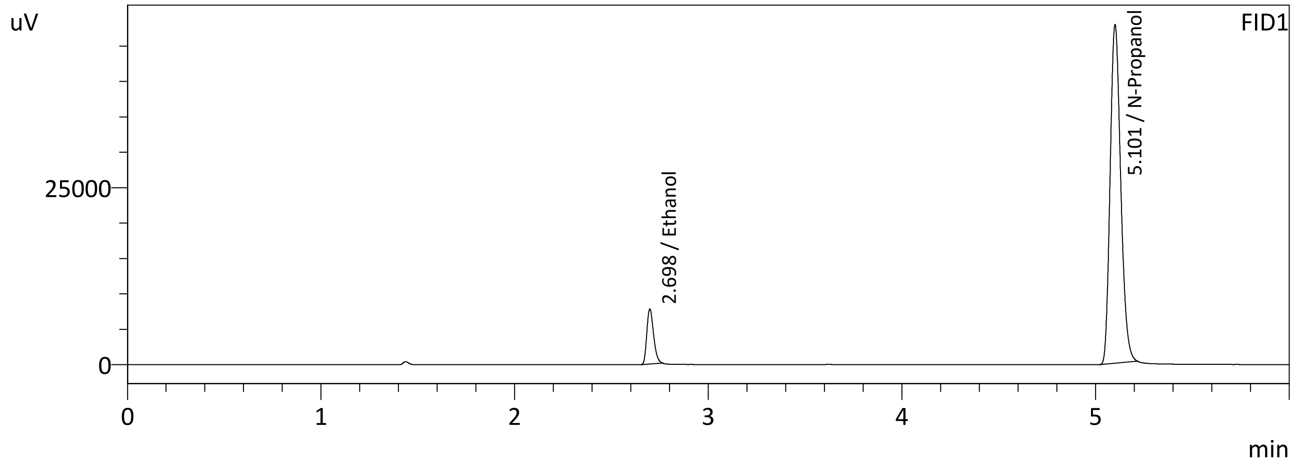
Not Ready

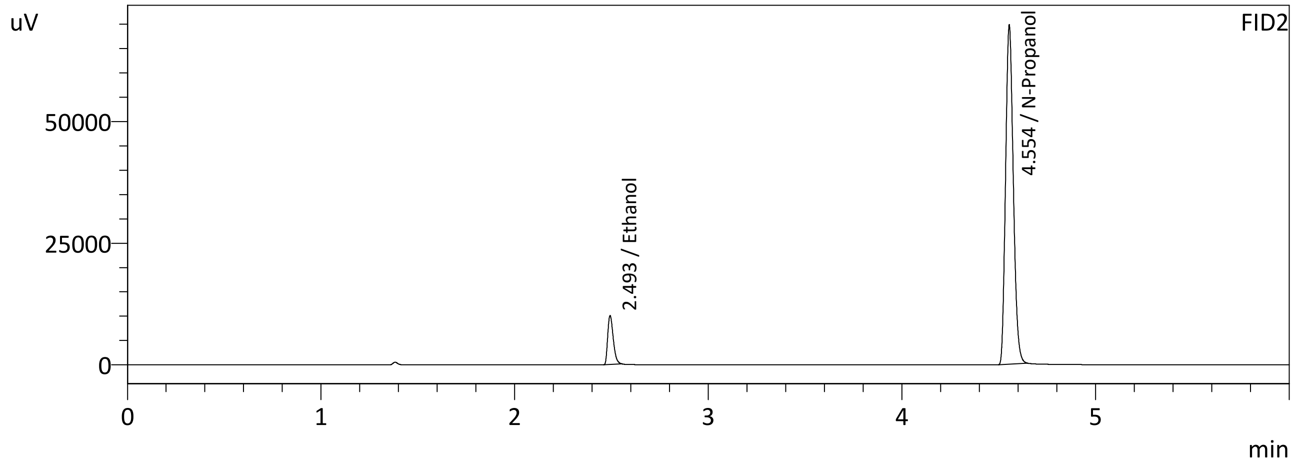
Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

NB

Sample Name : 0.050
Laboratory : Meridian
Injection Date : 6/25/2025 8:36:29 AM
Vial # : 7
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

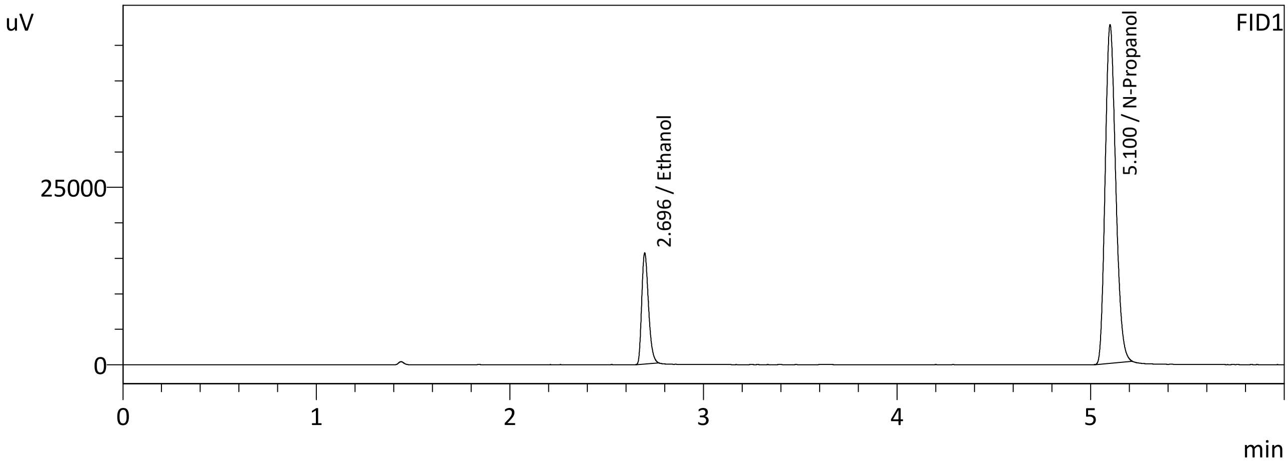
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0508	18710	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181700	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

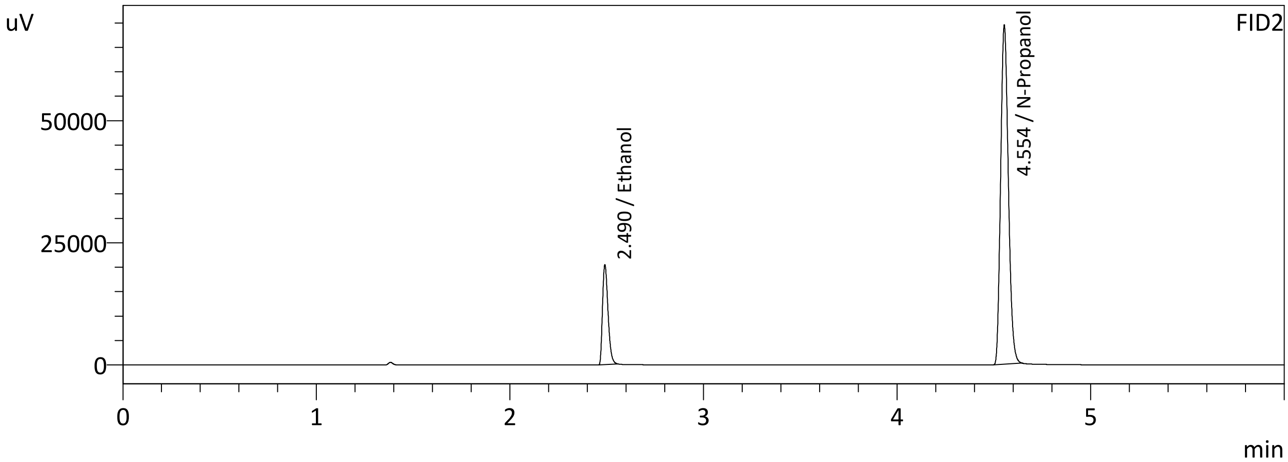
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0512	20040	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	193356	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name	: 0.100
Laboratory	: Meridian
Injection Date	: 6/25/2025 8:49:15 AM
Vial #	: 8
Method Filename	: Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS	: C12255750548 / C12595800409





FID1

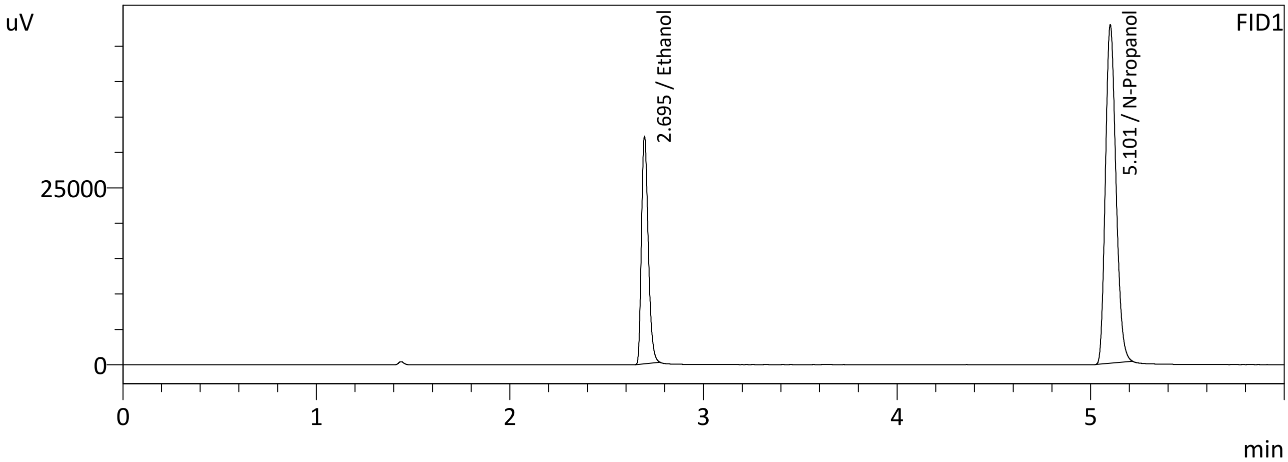
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0993	38043	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181002	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

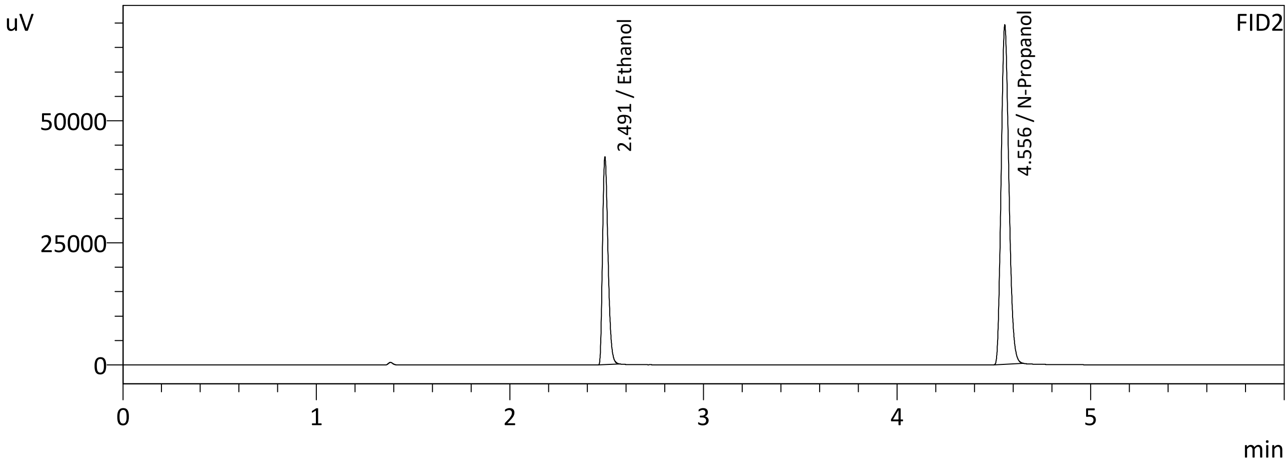
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0987	40253	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	192548	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.200
Laboratory : Meridian
Injection Date : 6/25/2025 9:01:25 AM
Vial # : 9
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

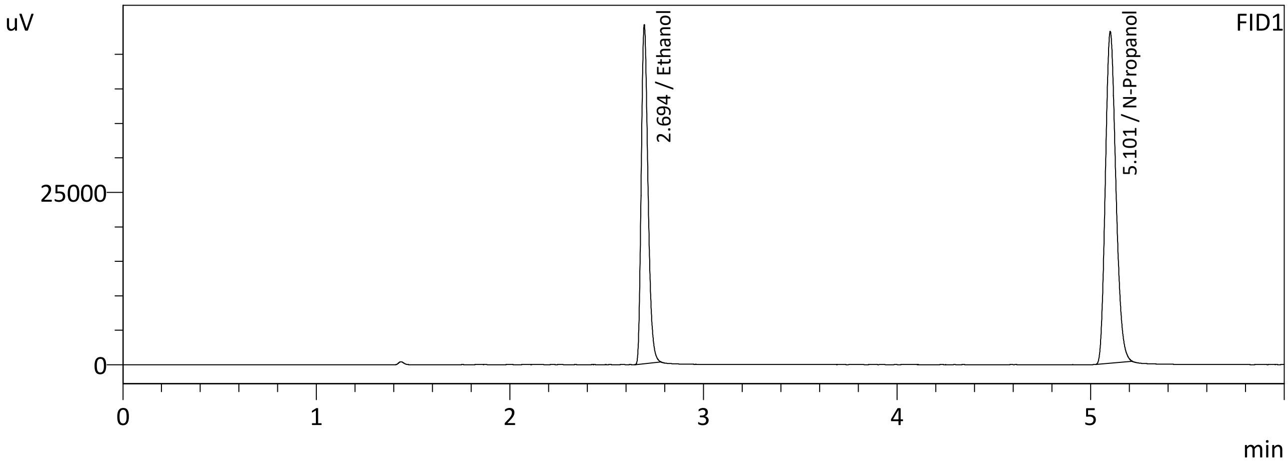
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1990	78072	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181511	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

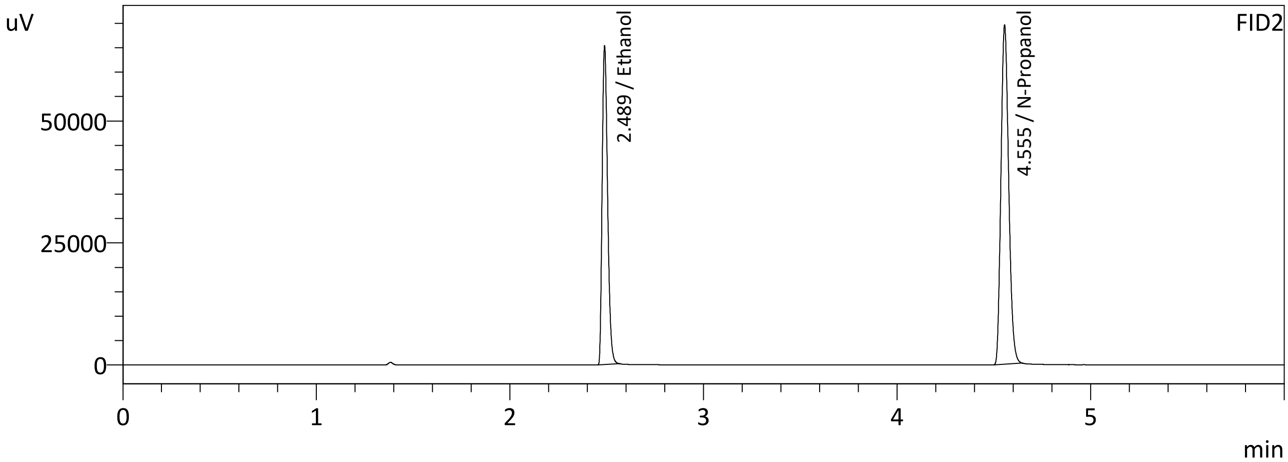
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1990	83241	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	193048	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.300
Laboratory : Meridian
Injection Date : 6/25/2025 9:13:51 AM
Vial # : 10
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

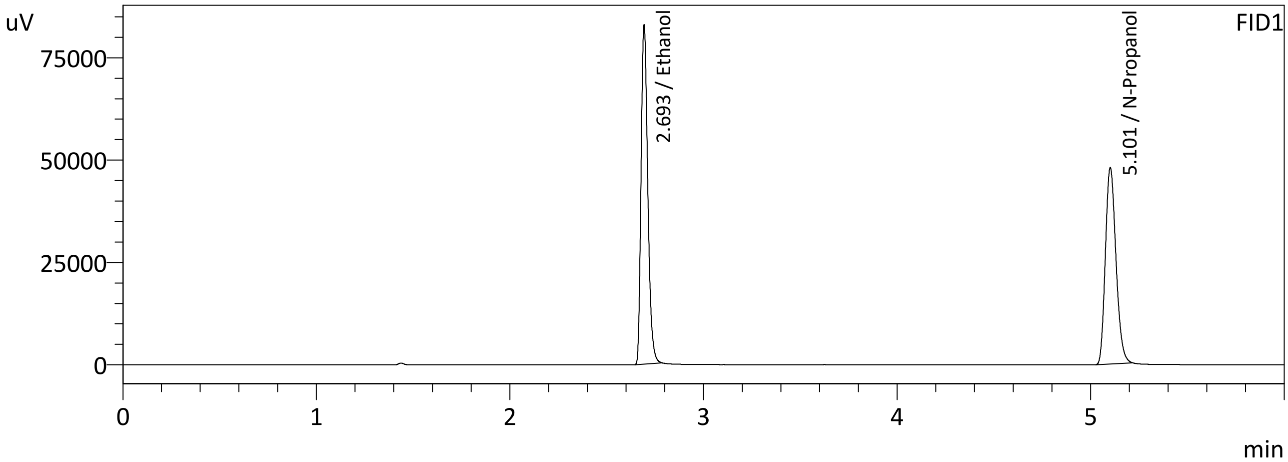
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3008	118988	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181748	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

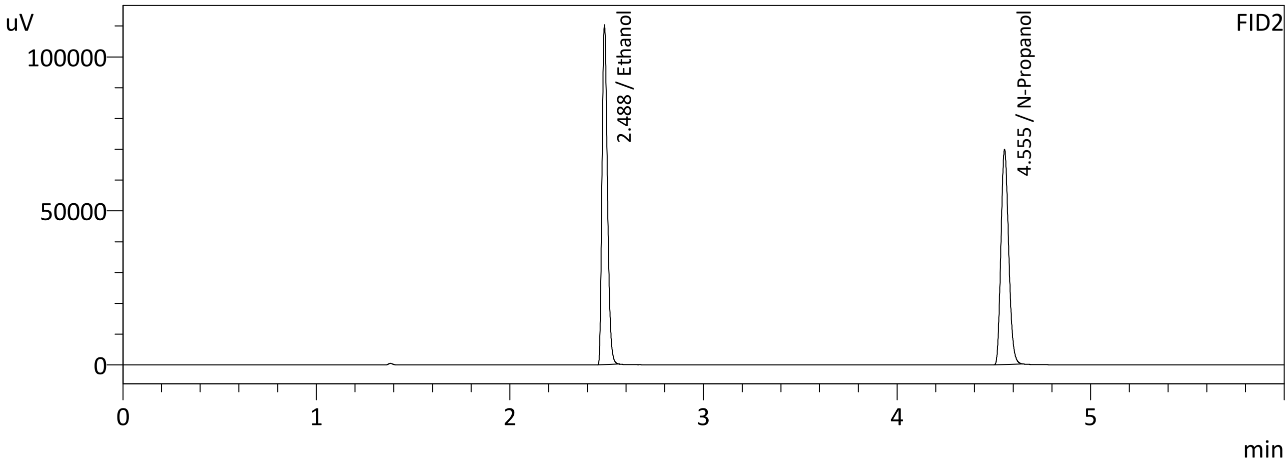
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3010	126776	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	192884	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.500
Laboratory : Meridian
Injection Date : 6/25/2025 9:26:02 AM
Vial # : 11
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

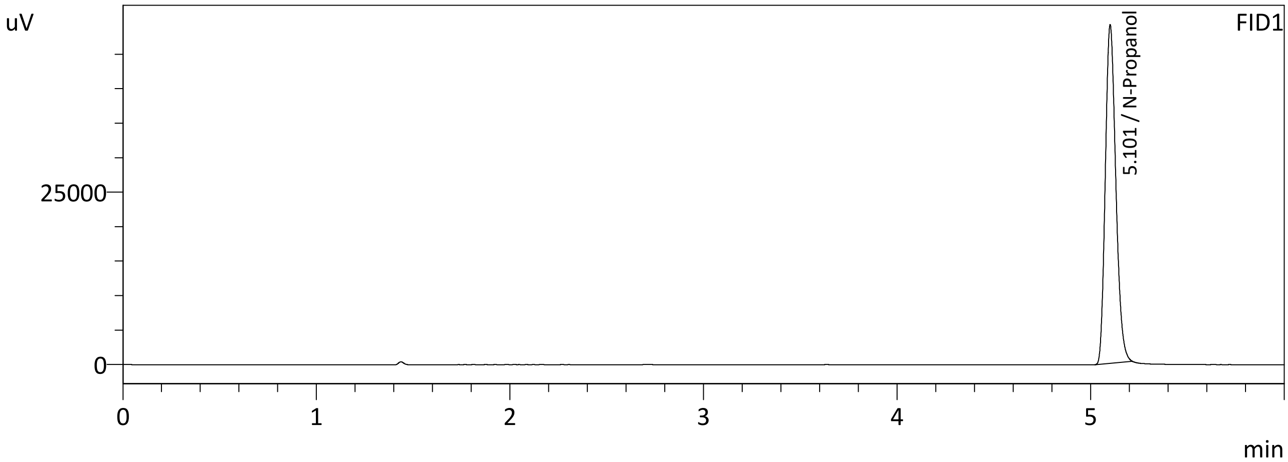
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.4999	199396	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182242	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

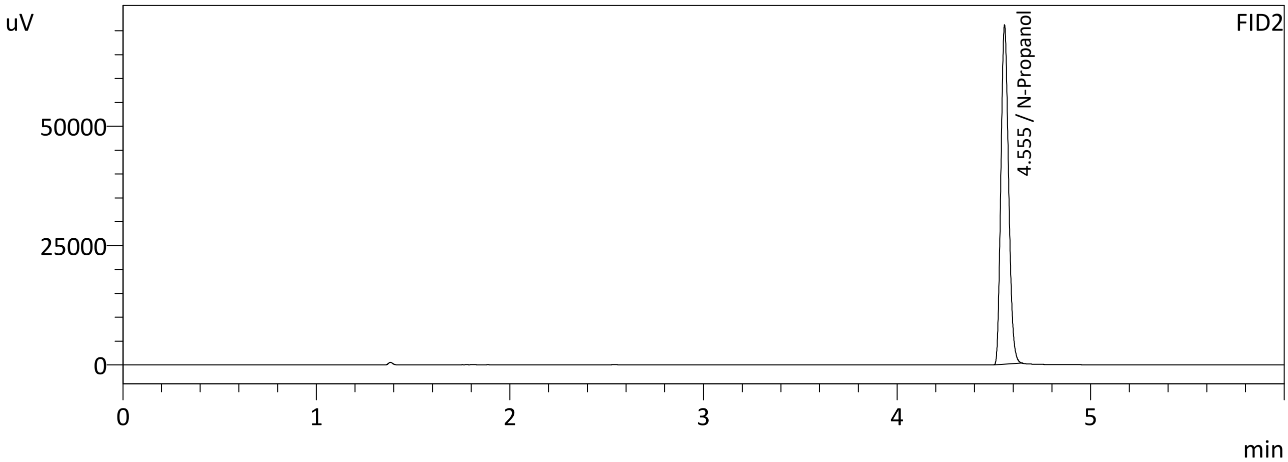
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.4998	212311	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	193408	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLK
Laboratory : Meridian
Injection Date : 6/25/2025 9:38:32 AM
Vial # : 12
Method Filename : Default Project - ALCOHOL_250625NB.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	185416	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	197022	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Database Software Ver. 6.111

Vial#	Sample Name	Sample Type	Level#	Method File
7	0.050	1:Standard:(I)	1	ALCOHOL_250625NB.gcm
8	0.100	1:Standard	2	ALCOHOL_250625NB.gcm
9	0.200	1:Standard	3	ALCOHOL_250625NB.gcm
10	0.300	1:Standard	4	ALCOHOL_250625NB.gcm
11	0.500	1:Standard	5	ALCOHOL_250625NB.gcm
12	INT STD BLK	0:Unknown	0	ALCOHOL_250625NB.gcm

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA **Analysis Date(s): 6/25/2025 11:15:39 AM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0792	0.0793	0.0001	0.0792	0.0020	0.0802
(g/100cc)	0.0810	0.0815	0.0005	0.0812		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250625NB.gcm

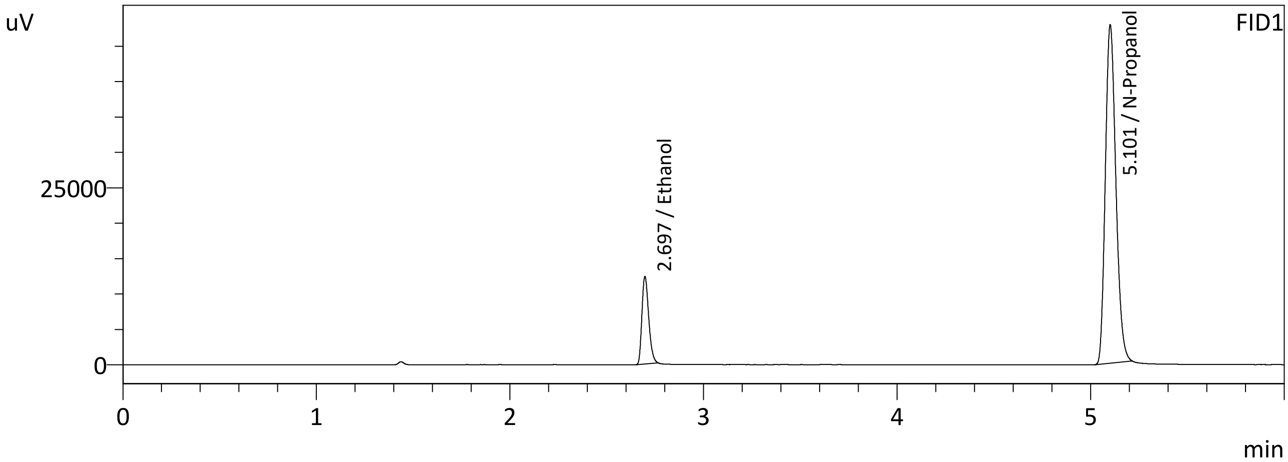
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

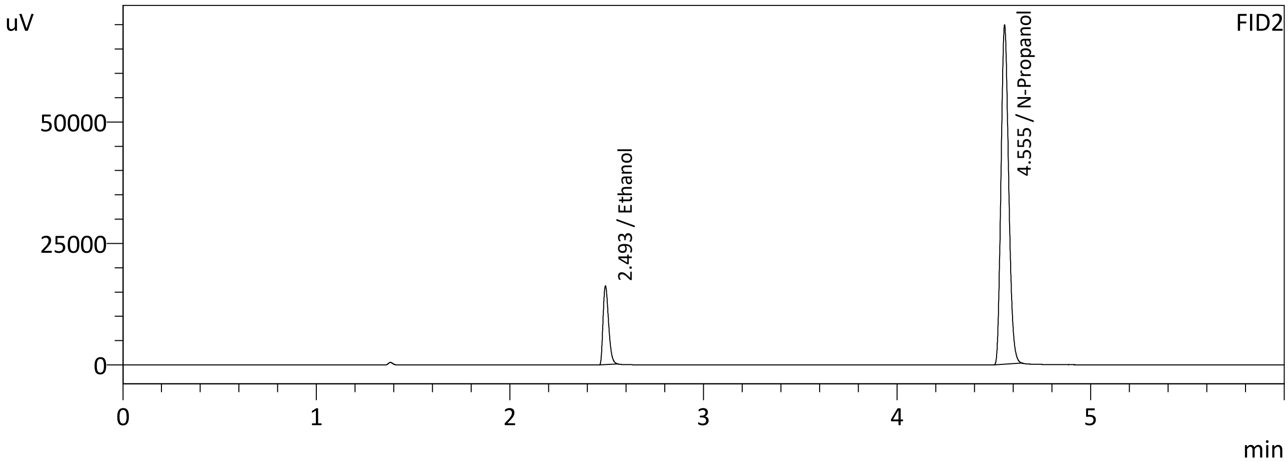
	Reported Results	
	0.080	

Calibration and control data are stored centrally.

NB

Sample Name : 0.08 QA
Laboratory : Meridian
Injection Date : 6/25/2025 11:15:39 AM
Vial # : 5
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

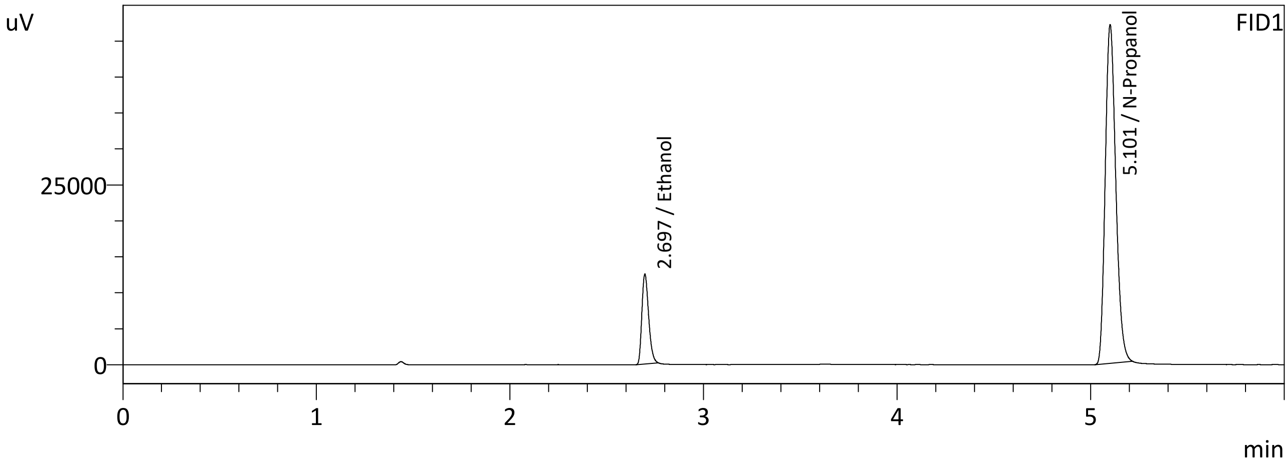
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0792	30012	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	180988	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

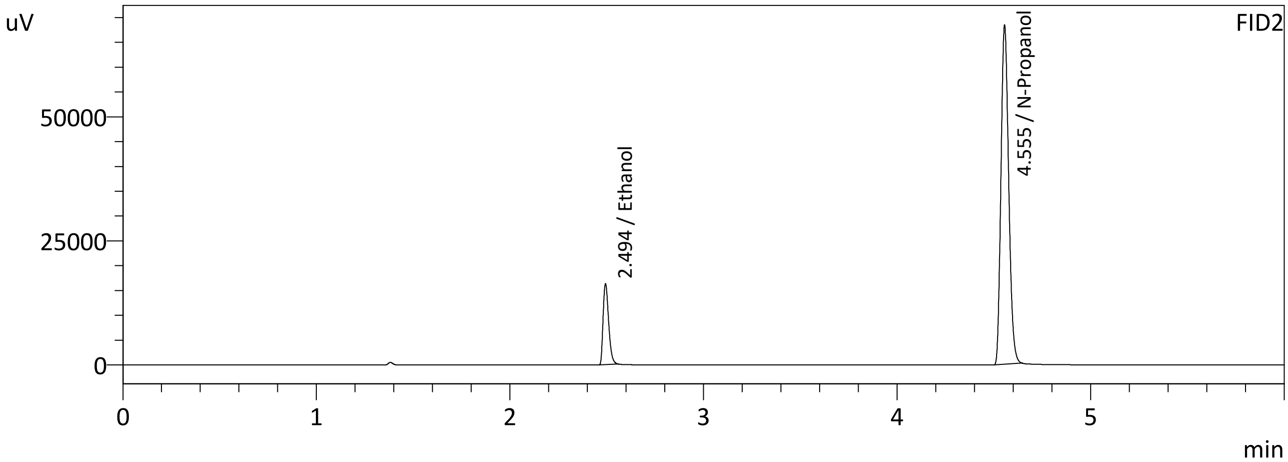
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0793	31942	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	192342	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.08 QA-B
Laboratory : Meridian
Injection Date : 6/25/2025 11:28:05 AM
Vial # : 6
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0810	30272	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	178336	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0815	32366	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	189375	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1 **Analysis Date(s): 6/25/2025 10:50:41 AM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0794	0.0793	0.0001	0.0793	0.0007	0.0796
(g/100cc)	0.0799	0.0801	0.0002	0.0800		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250625NB.gcm

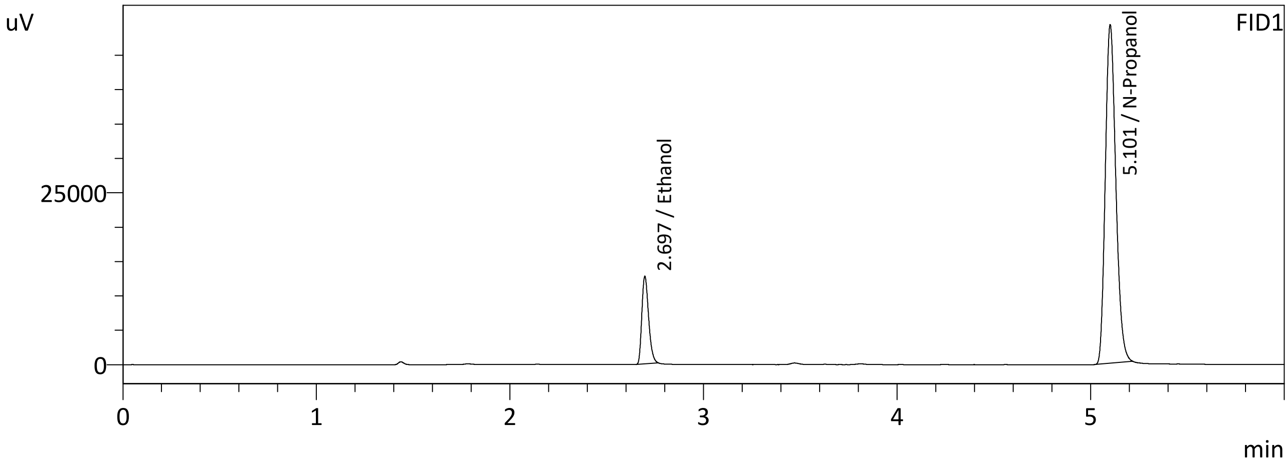
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.079	0.075	0.083	0.004

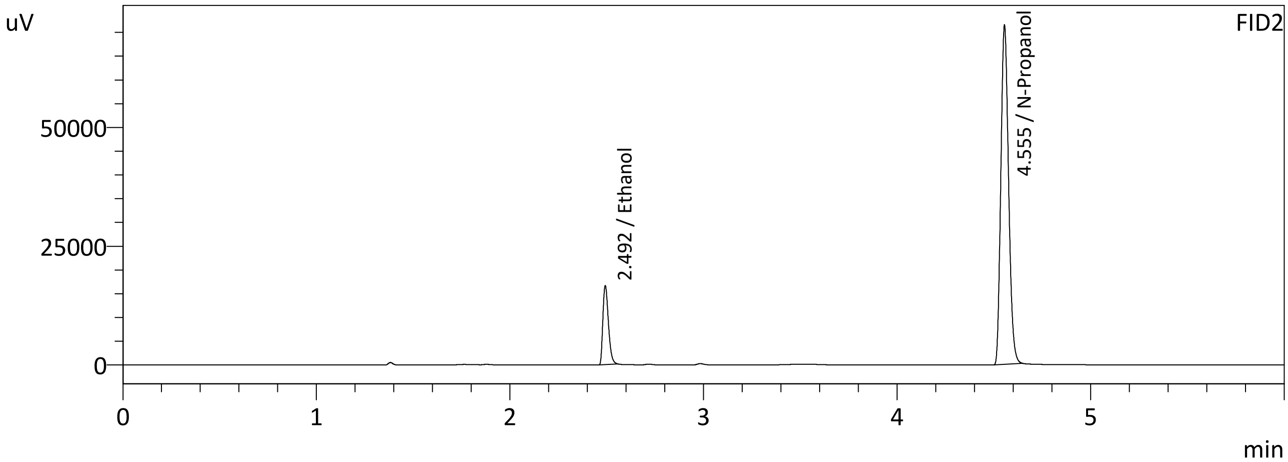
	Reported Results	
	0.079	

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-1
Laboratory : Meridian
Injection Date : 6/25/2025 10:50:41 AM
Vial # : 3
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

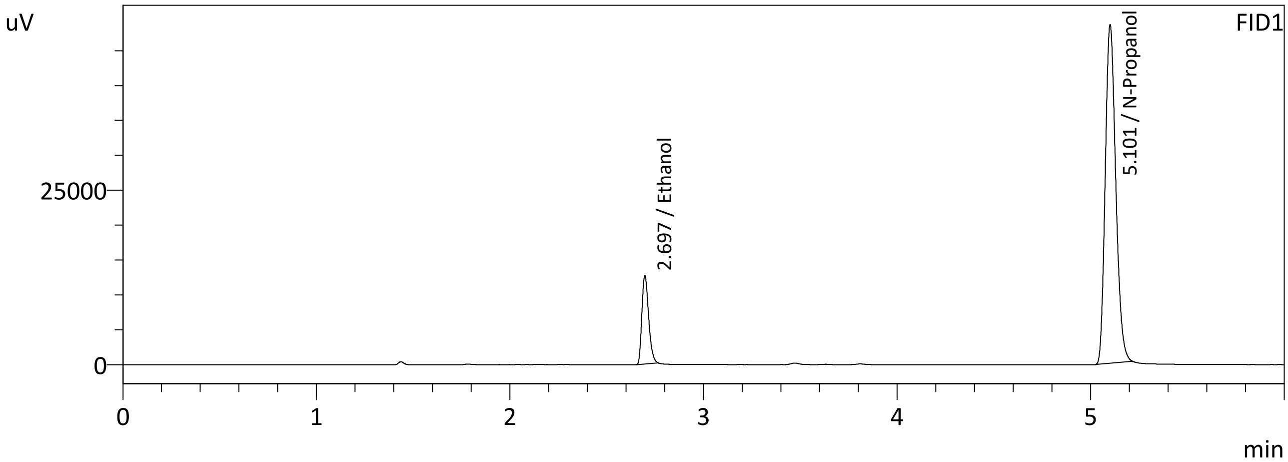
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0794	30923	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	186144	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

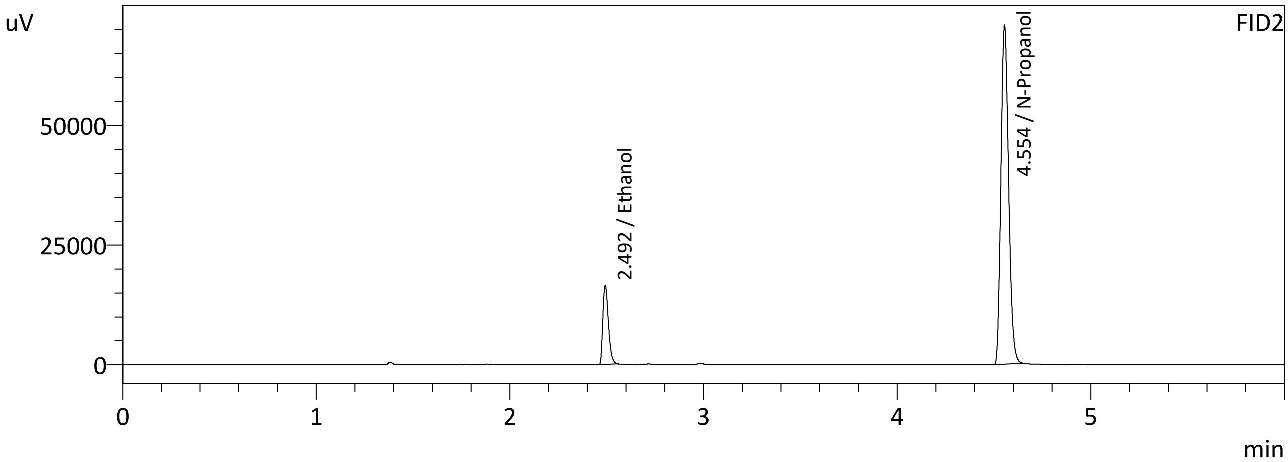
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0793	32891	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	198267	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-1-B
Laboratory : Meridian
Injection Date : 6/25/2025 11:03:20 AM
Vial # : 4
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0799	30665	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	183341	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0801	32737	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	195234	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2 **Analysis Date(s): 6/25/2025 7:54:10 PM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0833	0.0838	0.0005	0.0835	0.0001	0.0835
(g/100cc)	0.0832	0.0837	0.0005	0.0834		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250625NB.gcm

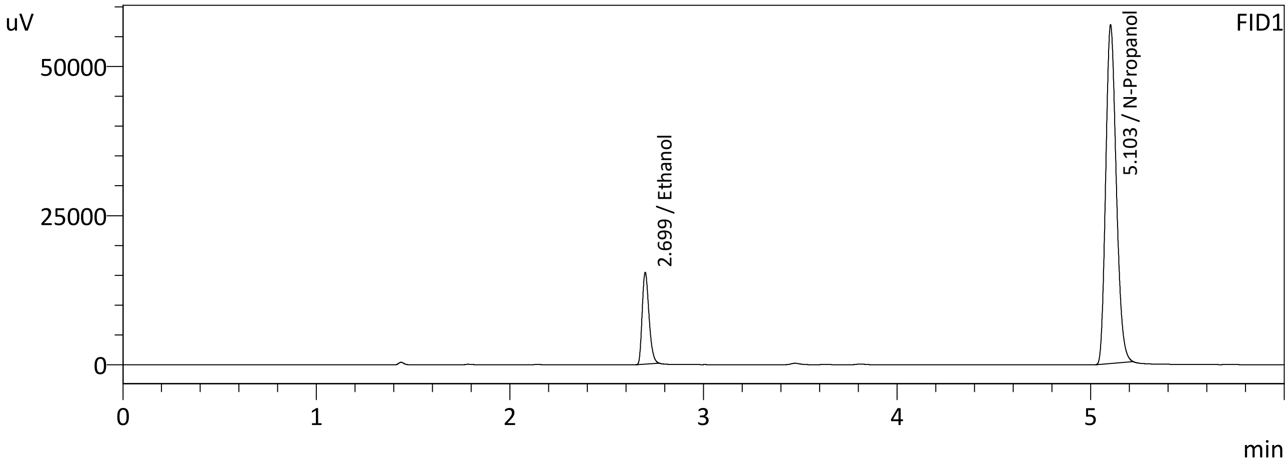
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

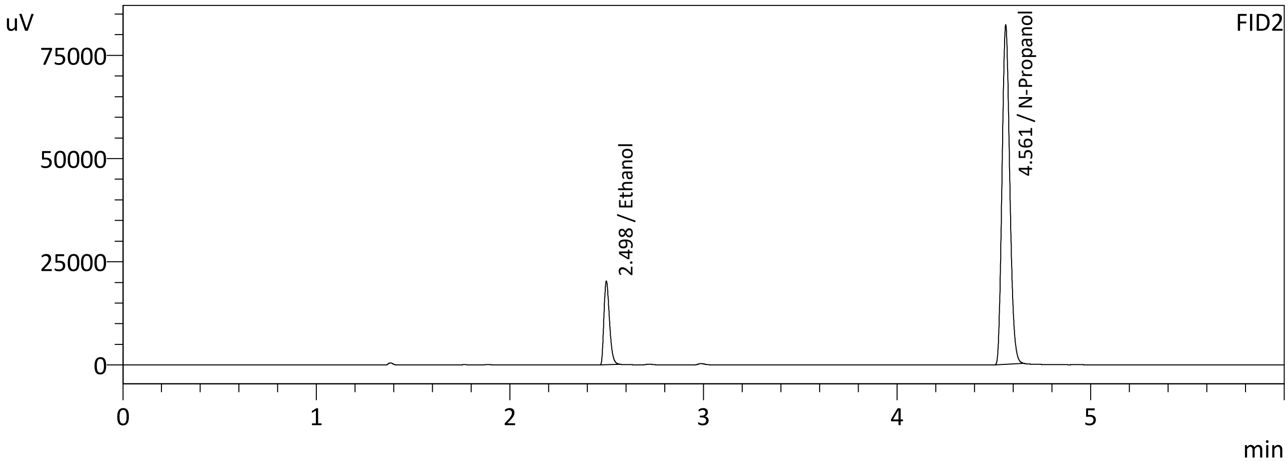
	Reported Results	
	0.083	

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-2
Laboratory : Meridian
Injection Date : 6/25/2025 7:54:10 PM
Vial # : 47
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

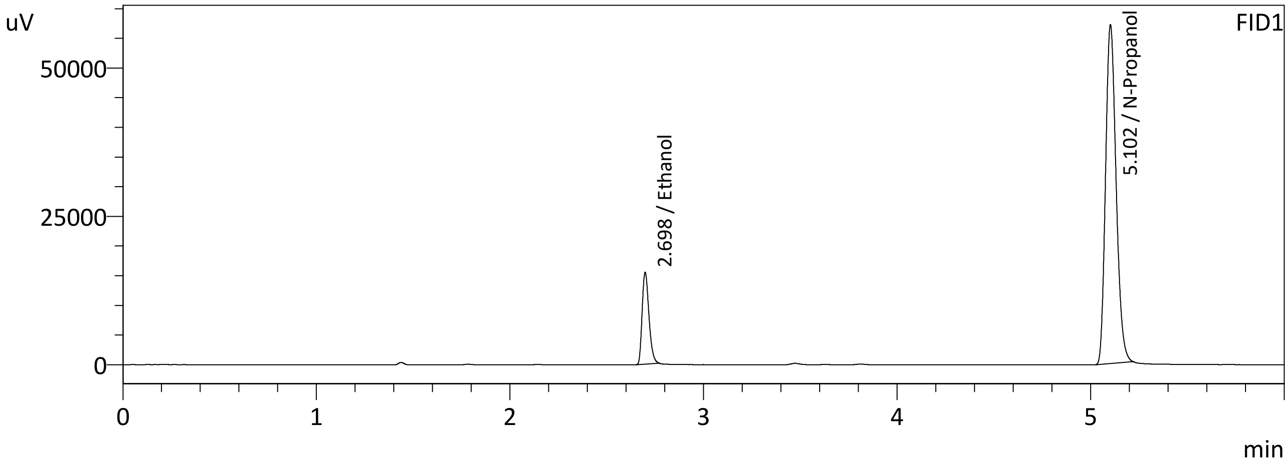
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0833	37551	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	214766	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

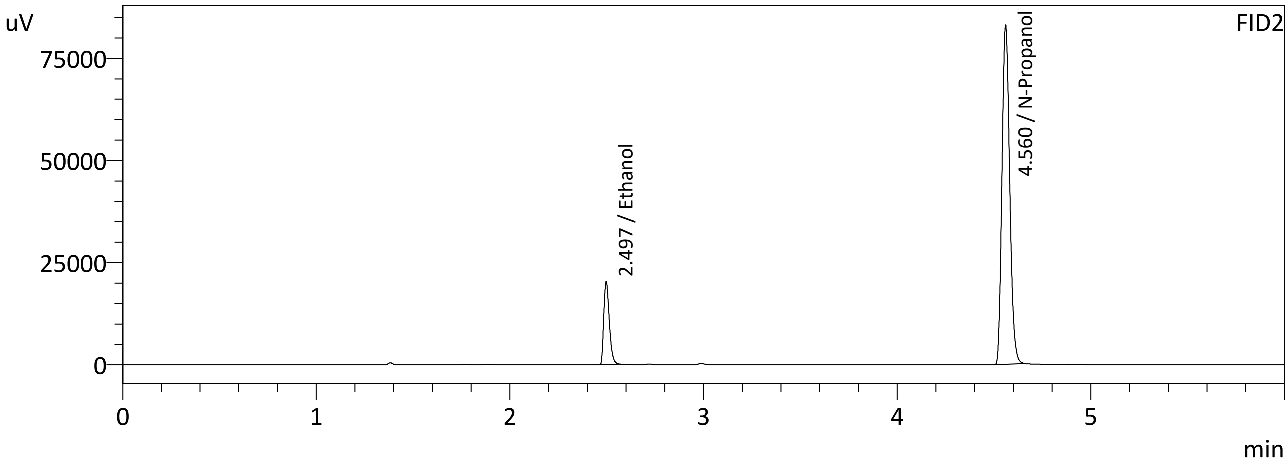
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0838	40231	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	228752	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-2-B
Laboratory : Meridian
Injection Date : 6/25/2025 8:06:08 PM
Vial # : 48
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0832	37752	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	216349	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0837	40454	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	230292	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1 **Analysis Date(s): 6/25/2025 3:22:31 PM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1973	0.1978	0.0005	0.1975	0.0044	0.1997
(g/100cc)	0.2018	0.2021	0.0003	0.2019		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250625NB.gcm

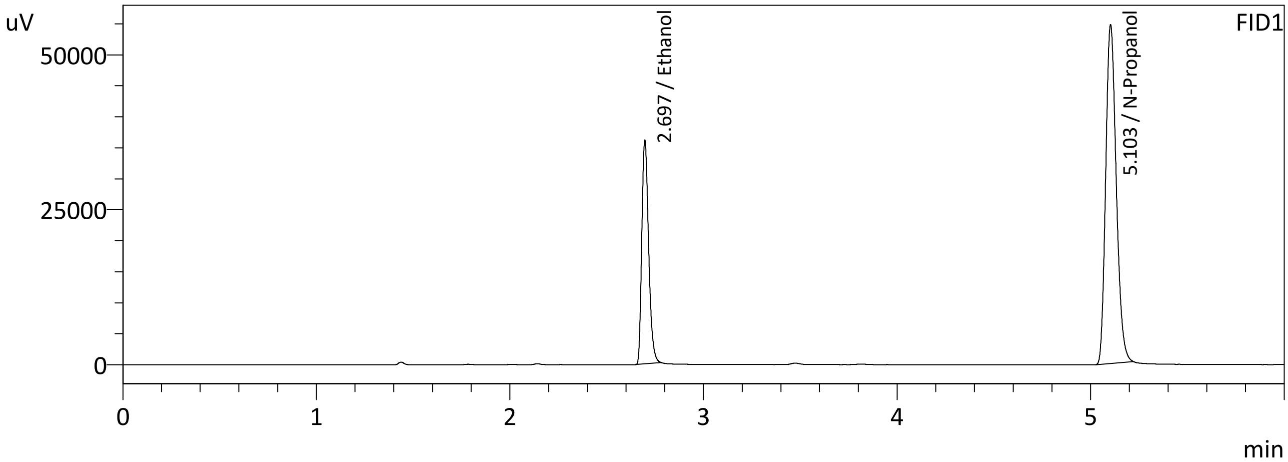
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.199	0.189	0.209	0.010

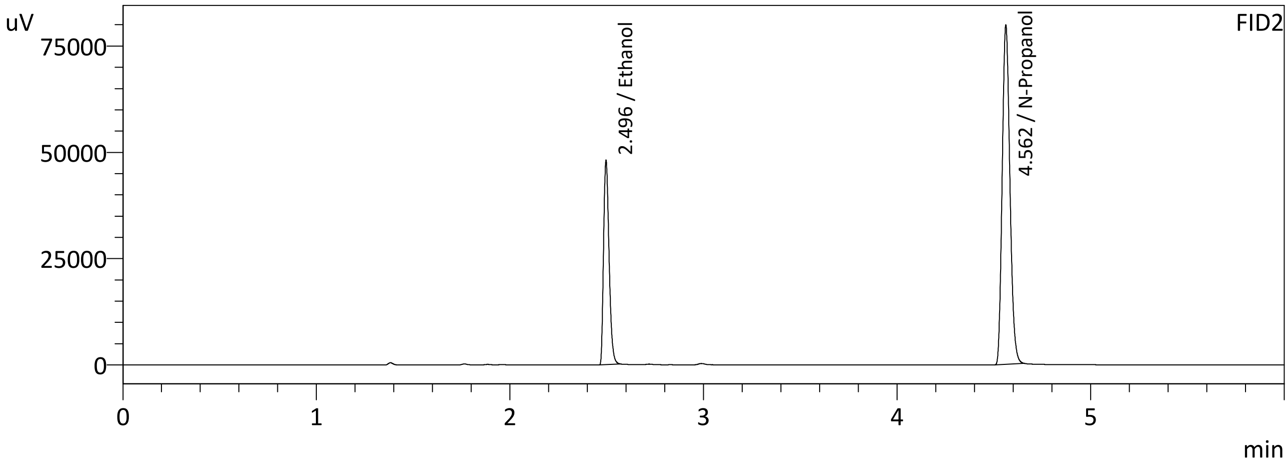
	Reported Results	
	0.199	

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-1
Laboratory : Meridian
Injection Date : 6/25/2025 3:22:31 PM
Vial # : 25
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

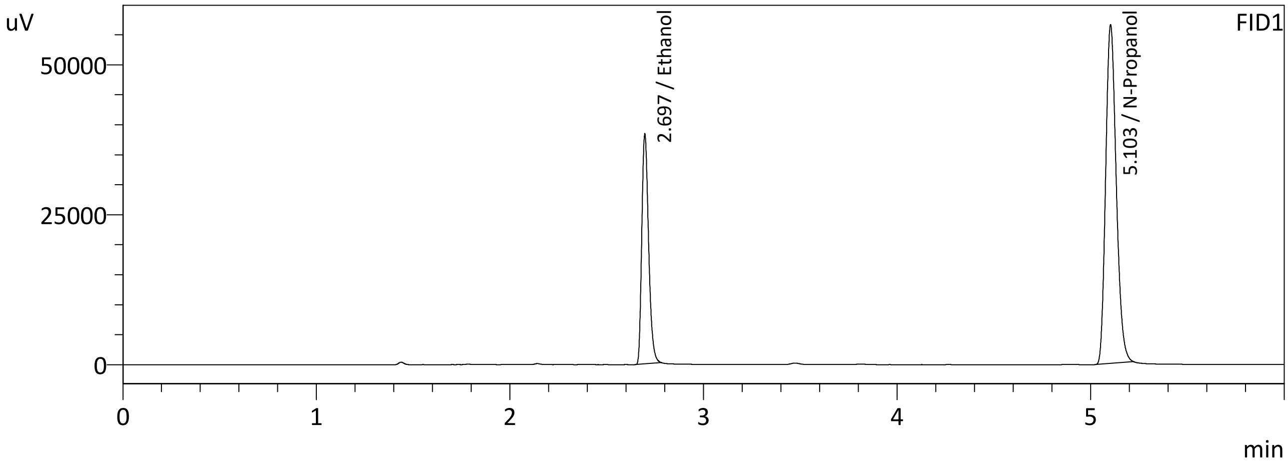
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1973	88242	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	206929	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

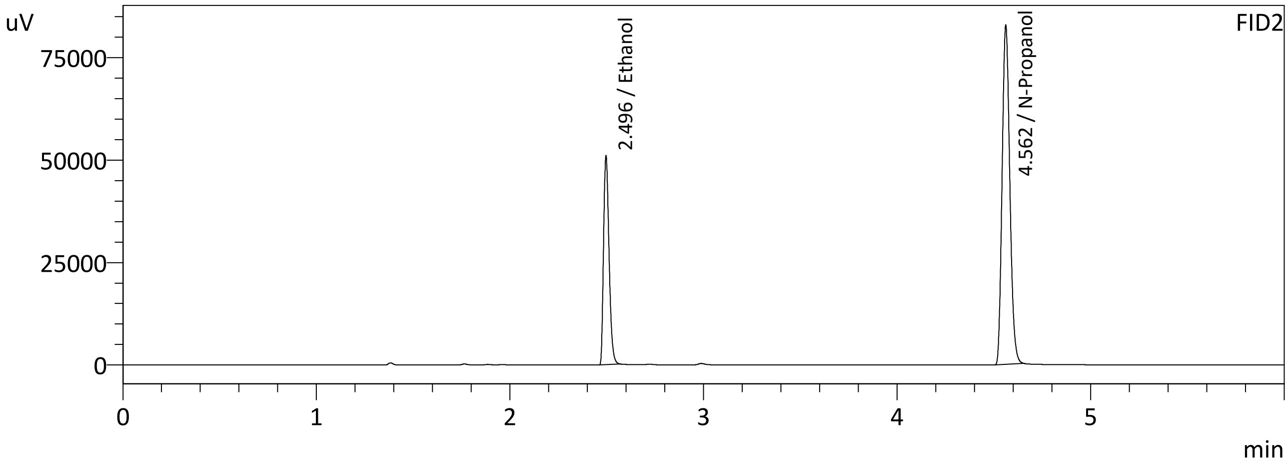
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1978	94665	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	220937	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-1-B
Laboratory : Meridian
Injection Date : 6/25/2025 3:35:09 PM
Vial # : 26
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2018	93579	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	214451	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2021	100349	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	229085	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2 **Analysis Date(s):** 6/25/2025 8:18:30 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2003	0.2008	0.0005	0.2005	0.0001	0.2006
(g/100cc)	0.2004	0.2009	0.0005	0.2006		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250625NB.gcm

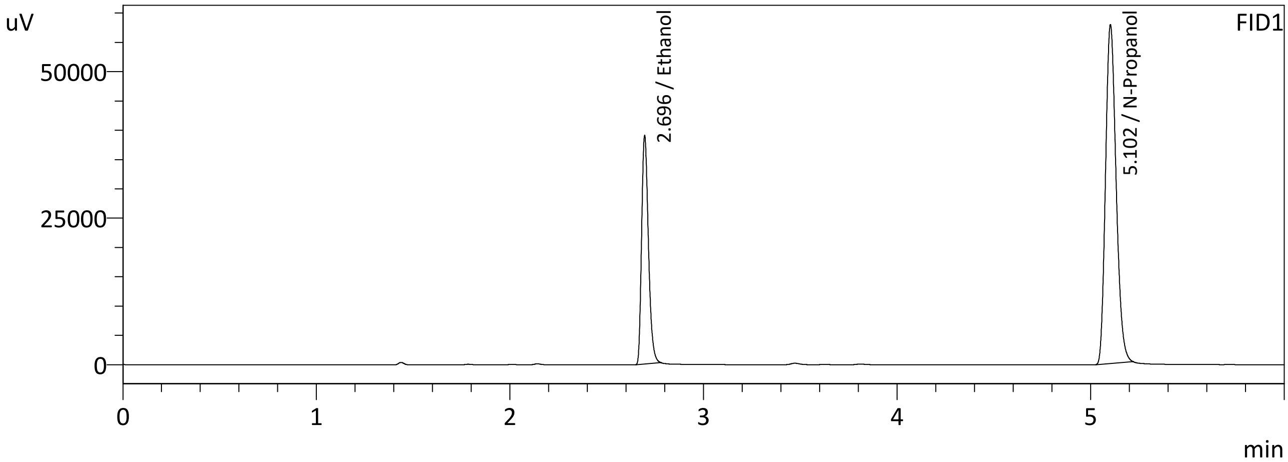
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.200	0.190	0.210	0.010

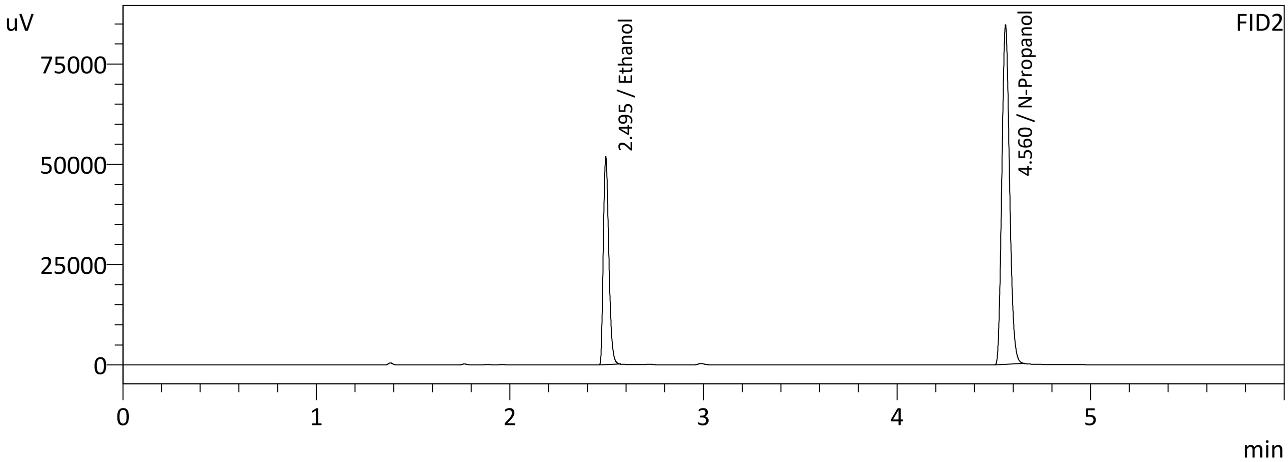
	Reported Results	
	0.200	

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-2
Laboratory : Meridian
Injection Date : 6/25/2025 8:18:30 PM
Vial # : 49
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

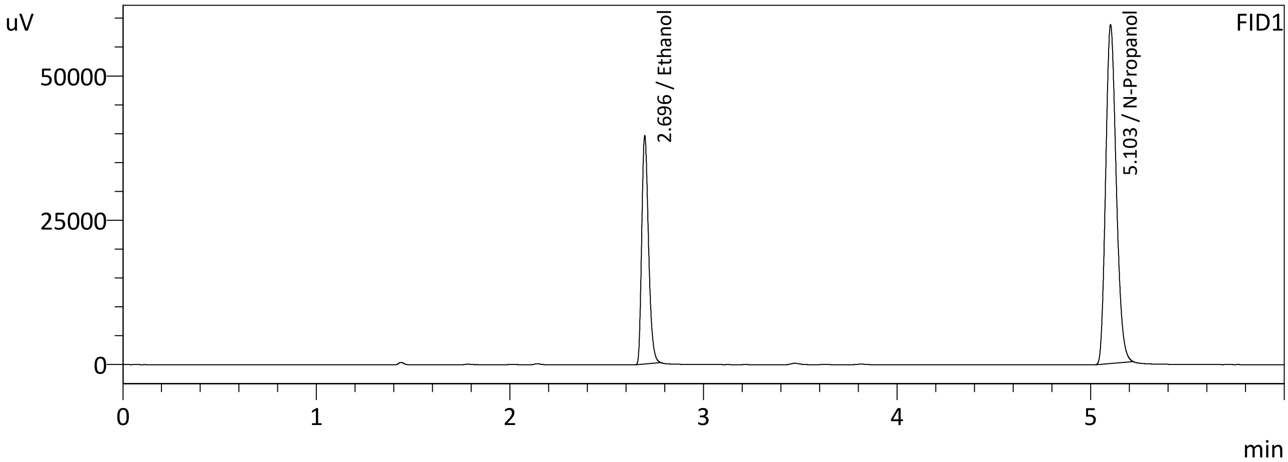
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2003	95217	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	219904	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

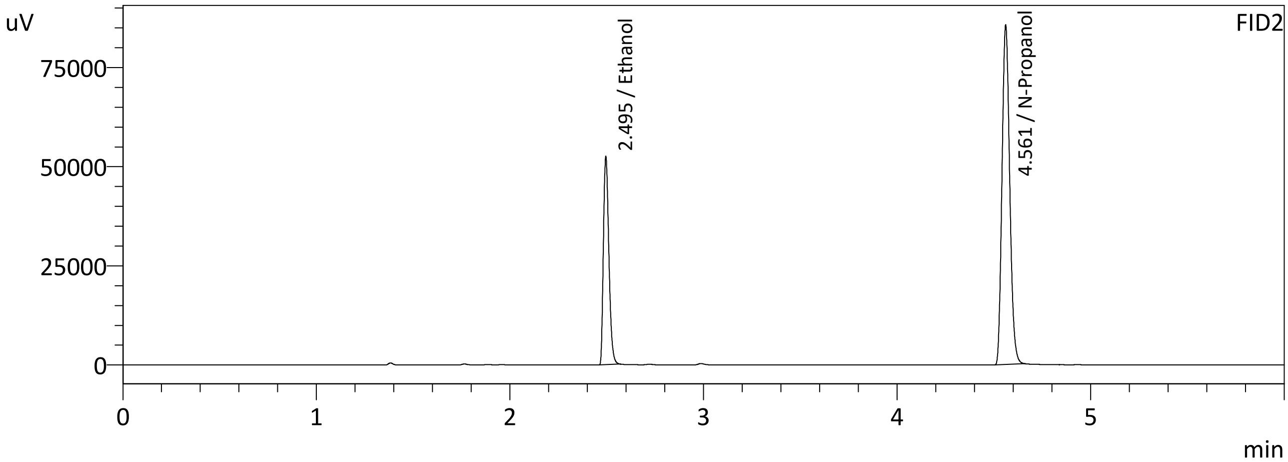
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2008	101829	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	234032	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-2-B
Laboratory : Meridian
Injection Date : 6/25/2025 8:30:48 PM
Vial # : 50
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

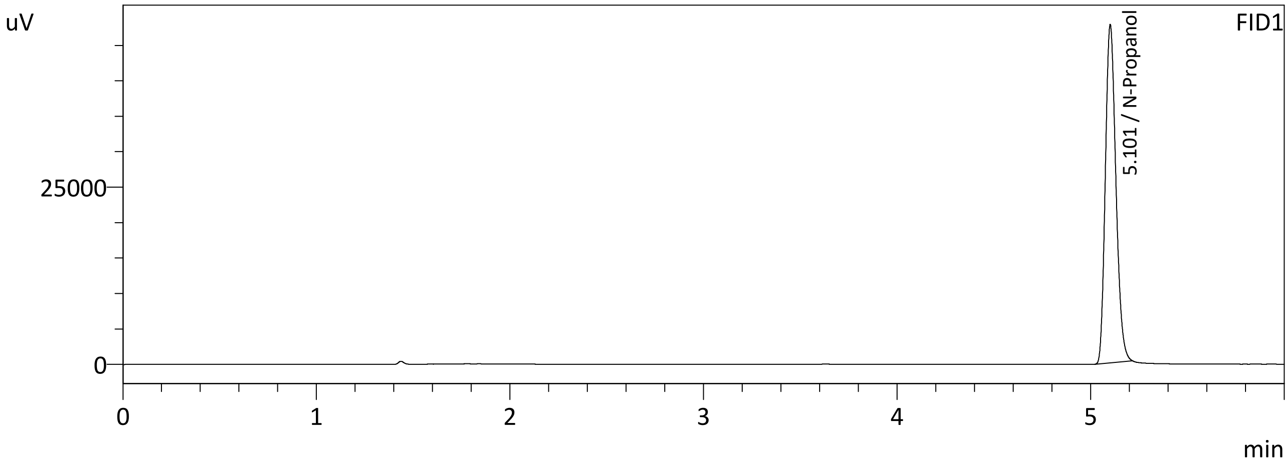
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2004	96471	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	222668	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

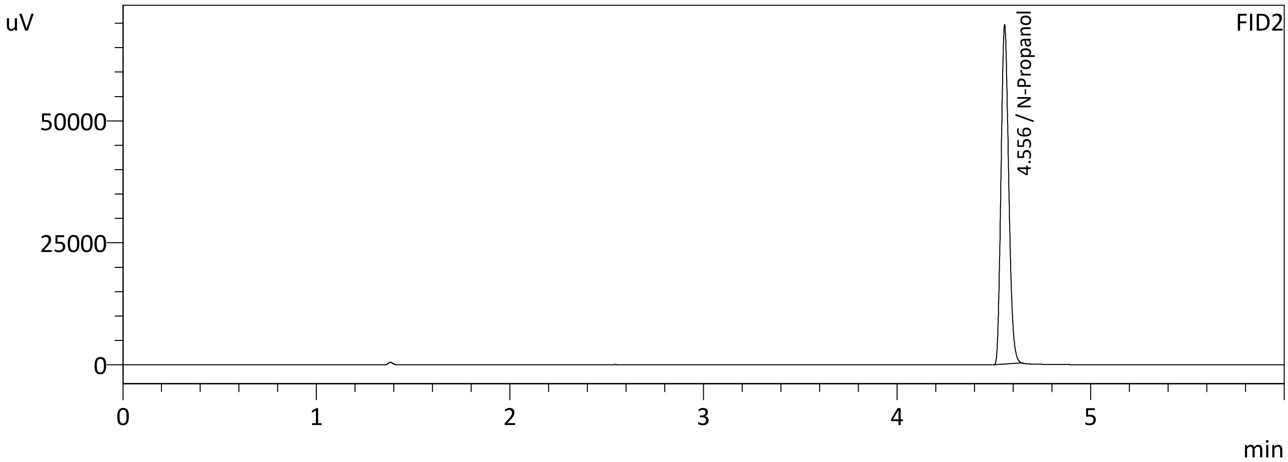
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2009	103210	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	237101	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK 1
Laboratory : Meridian
Injection Date : 6/25/2025 10:25:52 AM
Vial # : 1
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

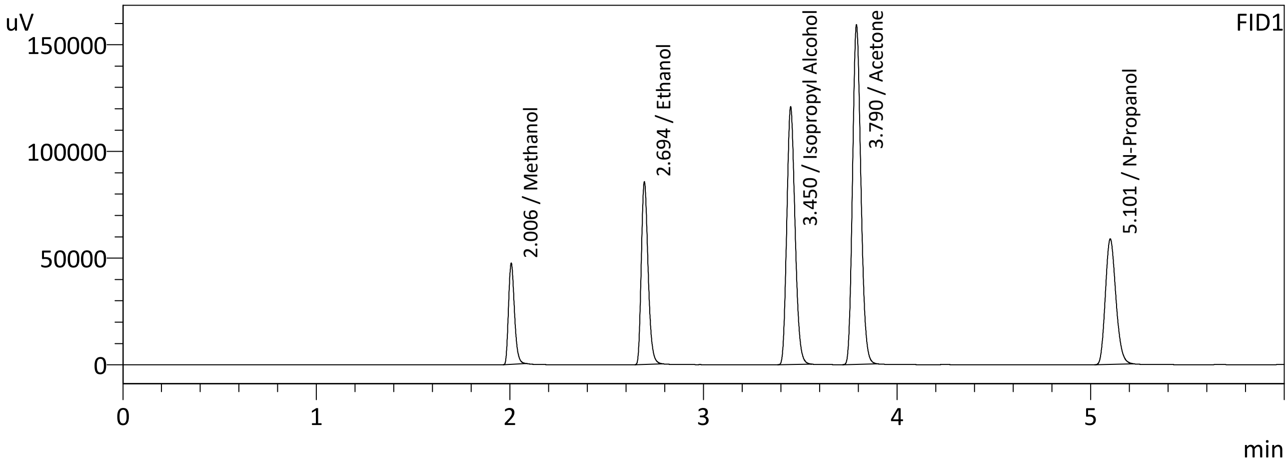
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	180990	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

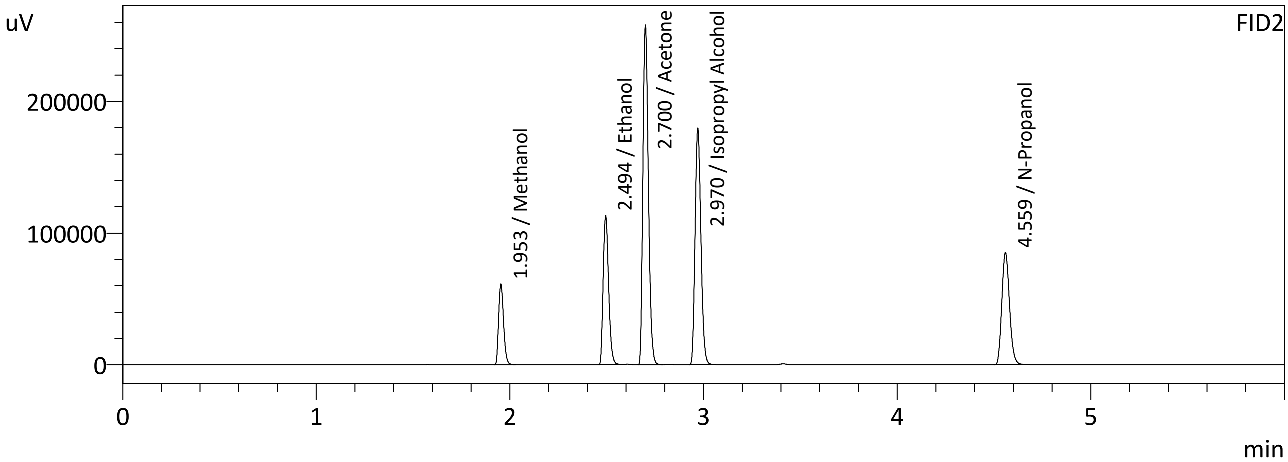
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	192375	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : MIXED VOLATILES FN 05302307
Laboratory : Meridian
Injection Date : 6/25/2025 10:38:37 AM
Vial # : 2
Method Filename : Default Project - ALCOHOL_250625NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

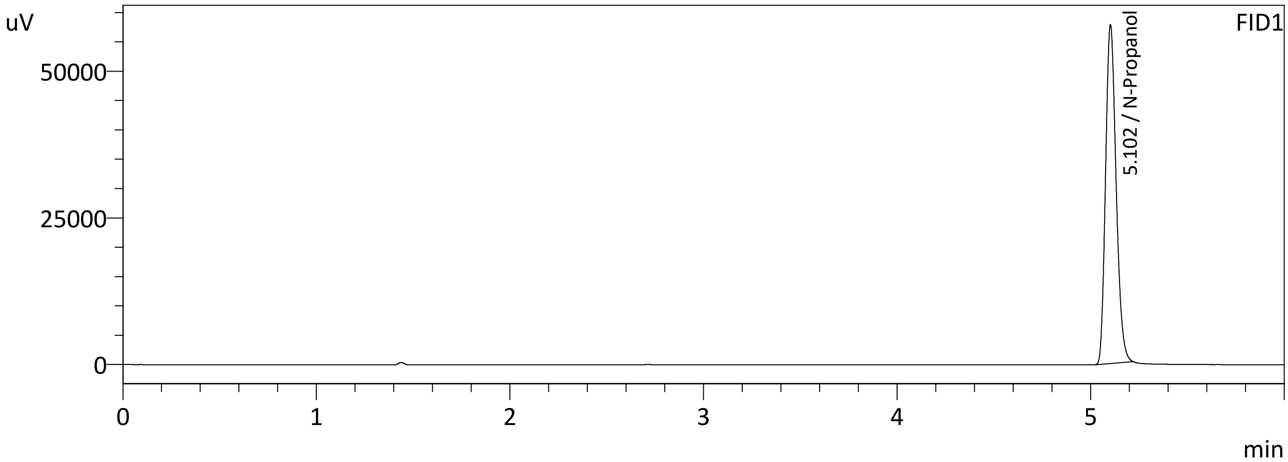
Name	Conc.	Area	Unit
Methanol	0.0000	101140	g/100cc
Ethanol	0.4284	208107	g/100cc
Isopropyl Alcohol	0.0000	357428	g/100cc
Acetone	0.0000	477444	g/100cc
N-Propanol	0.0000	222258	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

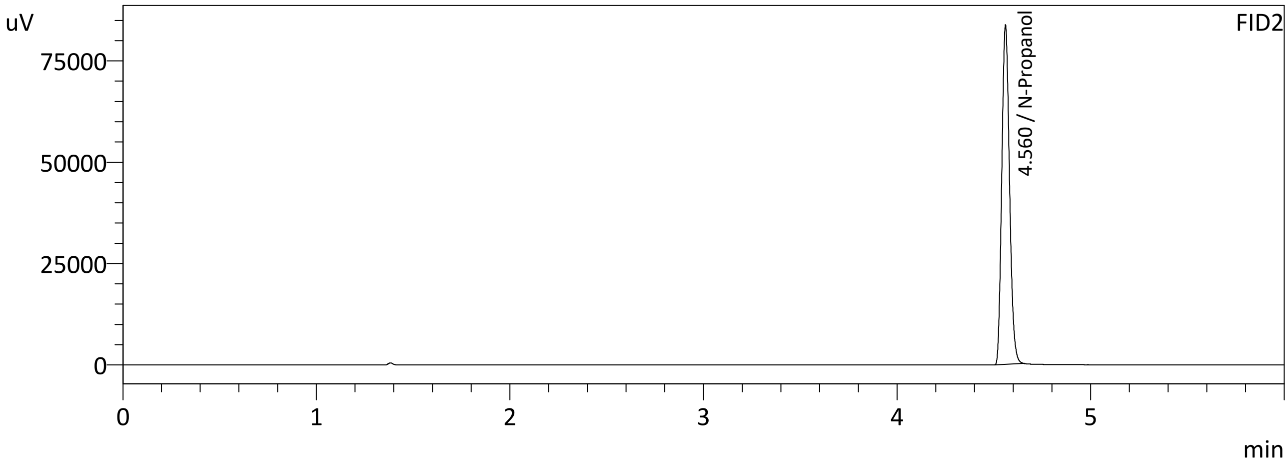
FID2

Name	Conc.	Area	Unit
Methanol	0.0000	110123	g/100cc
Ethanol	0.4290	220814	g/100cc
Acetone	0.0000	506975	g/100cc
Isopropyl Alcohol	0.0000	375266	g/100cc
N-Propanol	0.0000	234708	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK 2
Laboratory : Meridian
Injection Date : 6/25/2025 8:43:19 PM
Vial # : 51
Method Filename : Default Project - ALCOHOL_250625NB.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	218523	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	232705	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Database Software Ver. 6.111

Vial#	Sample Name	Sample Type	Level#	Method File
1	ISTD BLK 1	0:Unknown	0	ALCOHOL 250625NB.gcm
2	ED VOLATILES FN 0530	0:Unknown	1	ALCOHOL 250625NB.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 250625NB.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 250625NB.gcm
6	0.08 QA-B	0:Unknown	0	ALCOHOL 250625NB.gcm
7	M2025-2446-1	0:Unknown	0	ALCOHOL 250625NB.gcm
8	M2025-2446-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
9	M2025-2450-1	0:Unknown	0	ALCOHOL 250625NB.gcm
10	M2025-2450-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
11	M2025-2465-1	0:Unknown	0	ALCOHOL 250625NB.gcm
12	M2025-2465-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
13	M2025-2495-1	0:Unknown	0	ALCOHOL 250625NB.gcm
14	M2025-2495-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
15	M2025-2502-1	0:Unknown	0	ALCOHOL 250625NB.gcm
16	M2025-2502-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
17	M2025-2503-1	0:Unknown	0	ALCOHOL 250625NB.gcm
18	M2025-2503-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
19	M2025-2511-1	0:Unknown	0	ALCOHOL 250625NB.gcm
20	M2025-2511-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
21	M2025-2513-3	0:Unknown	0	ALCOHOL 250625NB.gcm
22	M2025-2513-3-B	0:Unknown	0	ALCOHOL 250625NB.gcm
23	M2025-2524-1	0:Unknown	0	ALCOHOL 250625NB.gcm
24	M2025-2524-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 250625NB.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
27	M2025-2525-1	0:Unknown	0	ALCOHOL 250625NB.gcm
28	M2025-2525-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
29	M2025-2527-1	0:Unknown	0	ALCOHOL 250625NB.gcm
30	M2025-2527-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
31	M2025-2534-1	0:Unknown	0	ALCOHOL 250625NB.gcm
32	M2025-2534-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
33	M2025-2547-1	0:Unknown	0	ALCOHOL 250625NB.gcm
34	M2025-2547-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
35	M2025-2554-1	0:Unknown	0	ALCOHOL 250625NB.gcm
36	M2025-2554-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
37	M2025-2555-1	0:Unknown	0	ALCOHOL 250625NB.gcm
38	M2025-2555-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
39	M2025-2556-1	0:Unknown	0	ALCOHOL 250625NB.gcm
40	M2025-2556-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
41	M2025-2565-1	0:Unknown	0	ALCOHOL 250625NB.gcm
42	M2025-2565-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
43	M2025-2566-1	0:Unknown	0	ALCOHOL 250625NB.gcm
44	M2025-2566-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
45	M2025-2567-1	0:Unknown	0	ALCOHOL 250625NB.gcm
46	M2025-2567-1-B	0:Unknown	0	ALCOHOL 250625NB.gcm
47	QC-1-2	0:Unknown	0	ALCOHOL 250625NB.gcm
48	QC-1-2-B	0:Unknown	0	ALCOHOL 250625NB.gcm
49	QC-2-2	0:Unknown	0	ALCOHOL 250625NB.gcm
50	QC-2-2-B	0:Unknown	0	ALCOHOL 250625NB.gcm
51	ISTD BLK 2	0:Unknown	0	ALCOHOL 250625NB.gcm

NB