REVIEWED

By Melissa (Nikka) Bradley at 9:44 am, Dec 15, 2025

NB

12/15/2025

Worklist: 7326

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2025-5021	1	BCK	Alcohol Analysis
M2025-5022	1	BCK	Alcohol Analysis
M2025-5023	1	BCK	Alcohol Analysis
M2025-5042	1	BCK	Alcohol Analysis
M2025-5043	1	BCK	Alcohol Analysis
M2025-5053	1	BCK	Alcohol Analysis
M2025-5055	1	BCK	Alcohol Analysis
M2025-5057	1	BCK	Alcohol Analysis
M2025-5077	1	BCK	Alcohol Analysis
M2025-5081	1	BCK	Alcohol Analysis
M2025-5086	1	BCK	Alcohol Analysis
M2025-5093	1	BCK	Alcohol Analysis
M2025-5113	1	BCK	Alcohol Analysis
M2025-5115	1	BCK	Alcohol Analysis
M2025-5116	1	BCK	Alcohol Analysis
M2025-5117	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):** 12/12/2025 | **Calibration Date:** *12/05/2025* | **Worklist #:** 7326

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Mar-27	UTAK#7634	0.0853	0.0767-0.0938	0.0837 g/100cc
					0.0861 g/100cc
					g/100cc
Level 2	May-27	2302120	0.2054	0.1849-0.2259	0.1982 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	Exp:	May. 2028	Lot #	FN05302307	
Curve Fit:	Column 1	0.99993	Column2	0.99991	

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0517	0.0519	0.0002	0.0518
100	0.100	0.090 - 0.110	0.0998	0.0999	0.0001	0.0998
200	0.200	0.180 - 0.220	0.1977	0.1975	0.0002	0.1976
300	0.300	0.270 - 0.330	0.2997	0.2993	0.0004	0.2995
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5008	0.5011	0.0003	0.5009

Aqueous Controls

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

Internal Standard Monitoring Worksheet

Worklist #:	7326	Run Date(s):	12/12/2025

Internal Standard Solution:	Prep Date:	11/19/2025	Exp Date:	5/19/2026

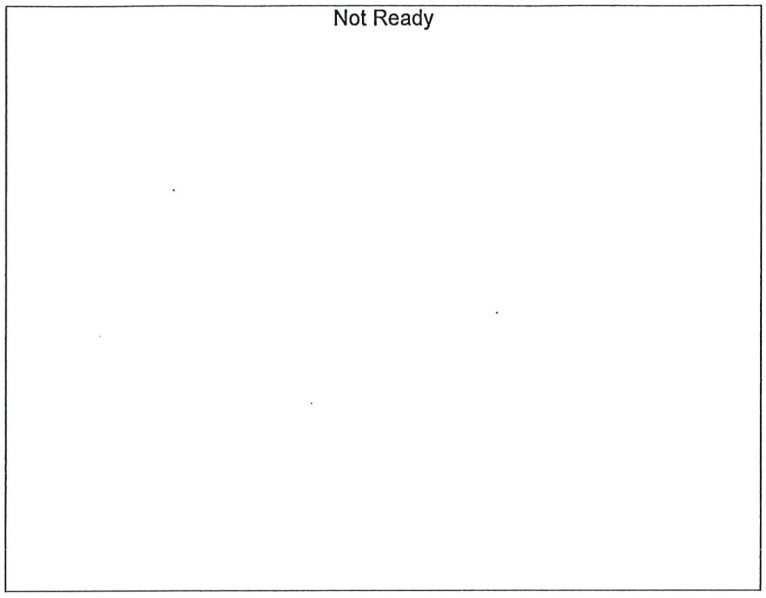
Sample Name	Column 1 Value	Column 2 Value
0.080	179116	184913
0.080	179132	184758
QC1	192588	199577
QC1	186754	192776
QC1	214599	221560
QC1	224212	232366
QC1		
QC1		
QC2	211272	218955
QC2	205989	212622
QC2		
QC2		
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	199207.8	159366.2	239049.3
Column 2	205940.9	164752.7	247129.1

Calibration Table

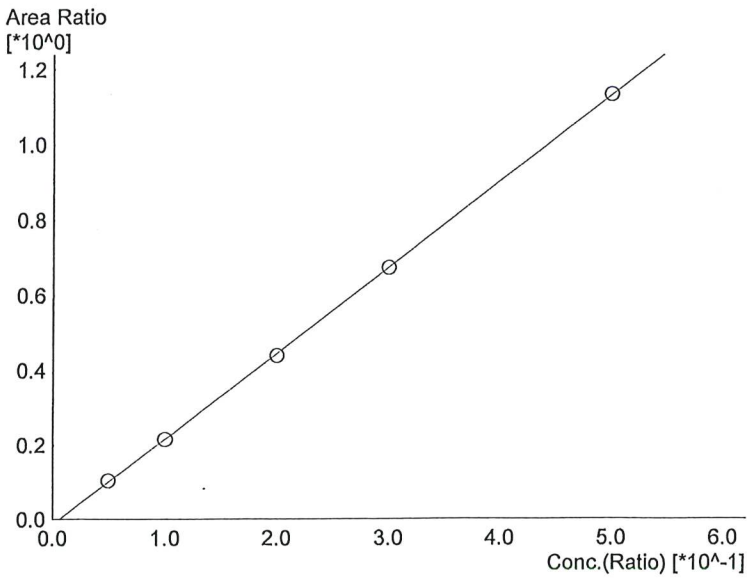
Laboratory : MERIDIAN
Instrument Name : GC-BAC
Instrument Serial # : C12595800409 / C12255750548

<<Data File>>
Method File :Default Project - ALCOHOL_251205_GG.gcm
Batch File :Default Project - POST RUN CALCURVE_251205_GG.gcb
Date Acquired :12/5/2025 10:08:08 AM
Date Created :12/5/2025 10:01:59 AM
Date Modified :12/8/2025 6:01:00 AM



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)=2.29410*x-0.0150915
R^2 value= 0.9999314
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	18774	0.0517
2	0.100	38293	0.0998
3	0.200	78469	0.1977
4	0.300	119534	0.2997
5	0.500	203821	0.5008

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

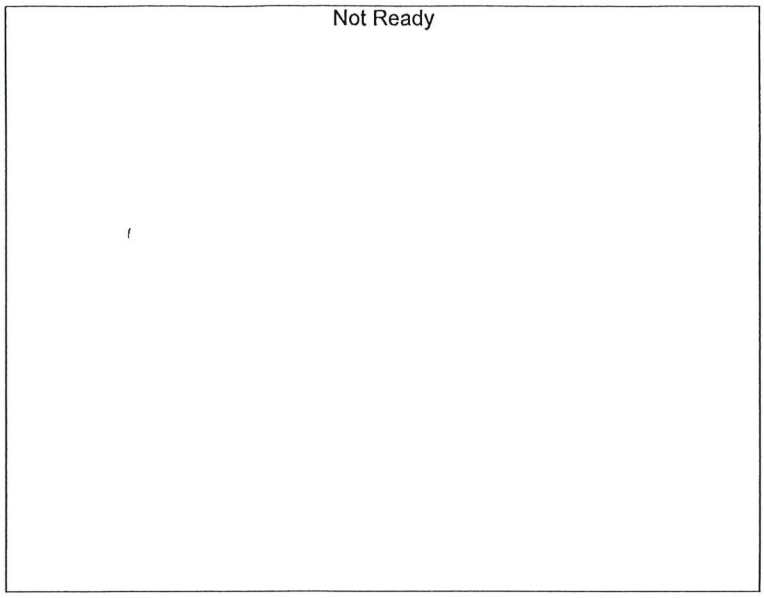
Name : Acetone
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

Not Ready

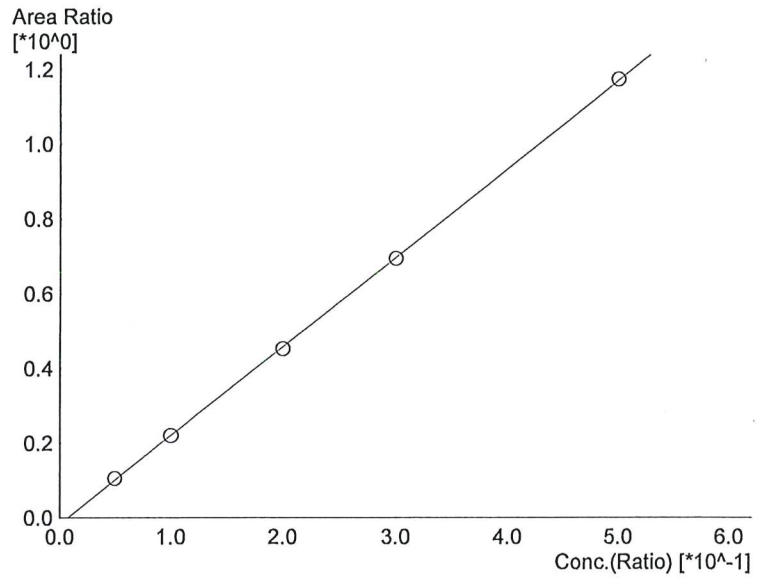
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



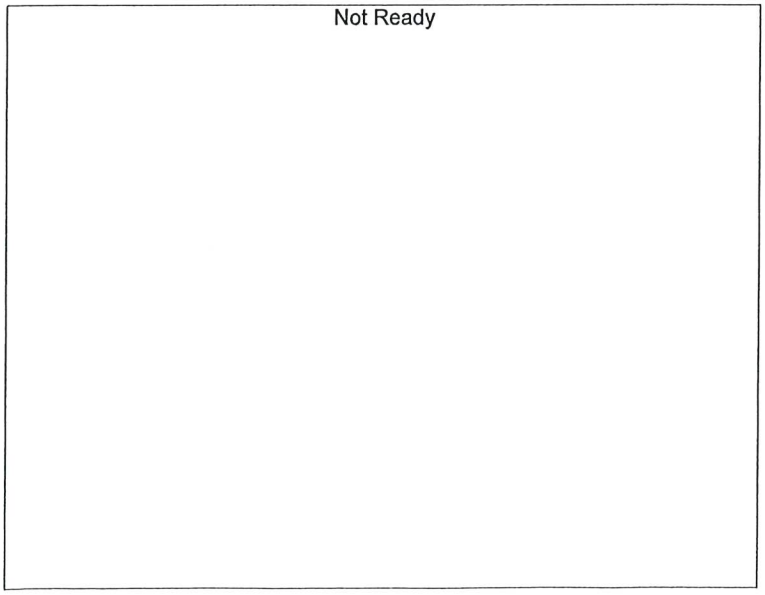
Name : Methanol
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



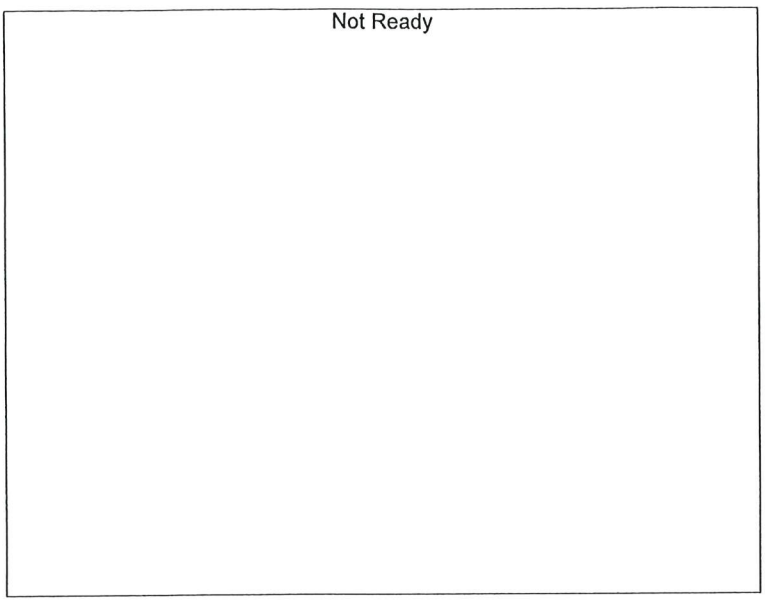
Name : Ethanol
Detector Name: FID2
Function : f(x)=2.37905*x-0.0183299
R^2 value= 0.9999120
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	19719	0.0519
2	0.100	40509	0.0999
3	0.200	83307	0.1975
4	0.300	126863	0.2993
5	0.500	216756	0.5011



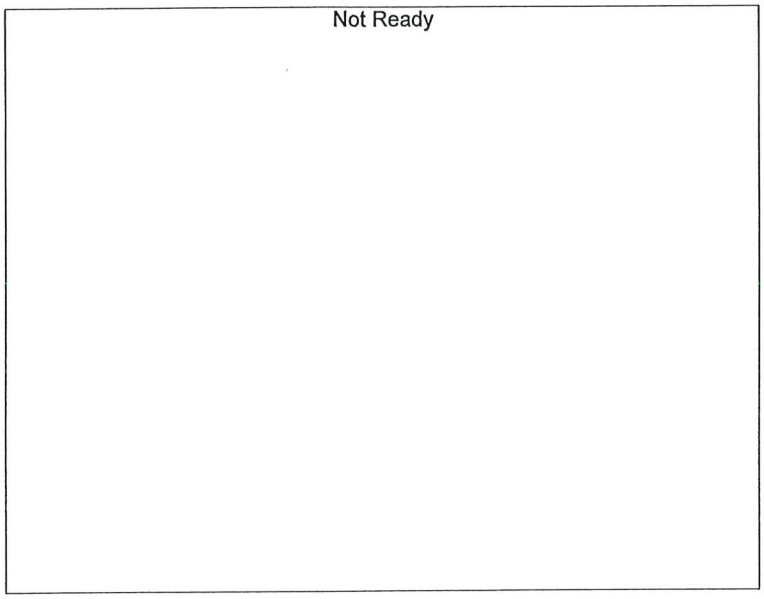
Name : Acetone
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



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

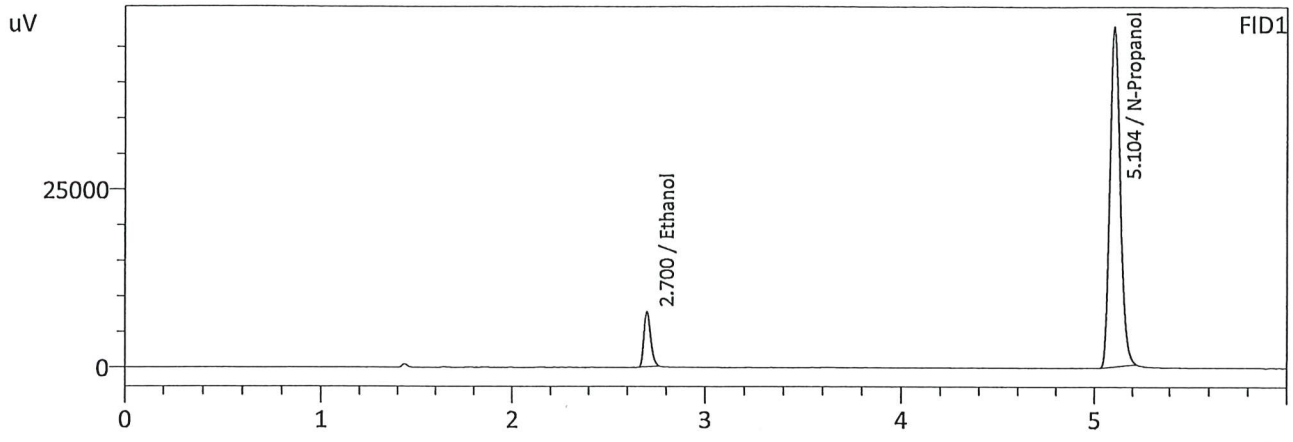
#	Conc.	Area	Std. Conc.

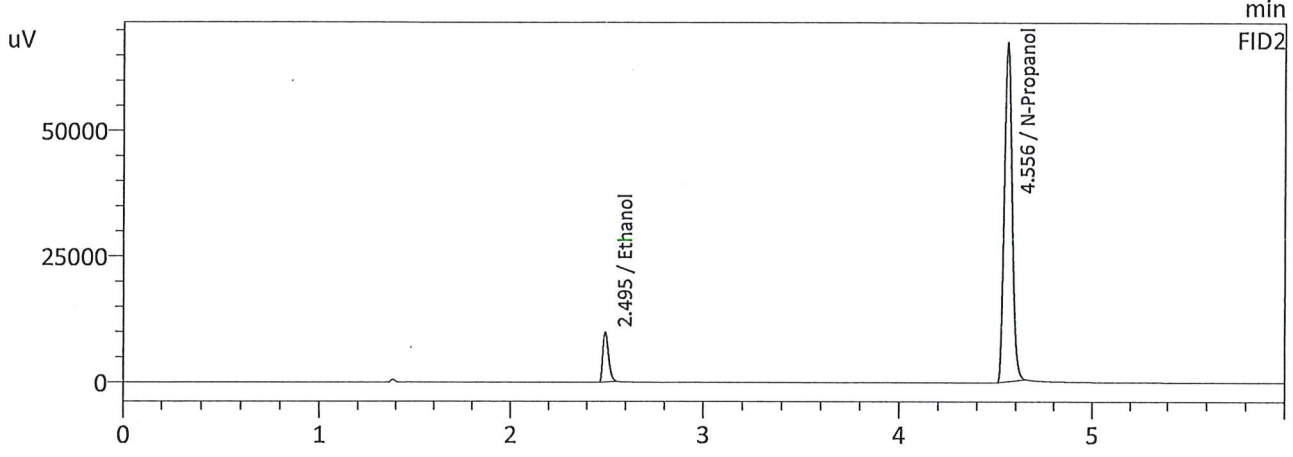


Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

Sample Name : 0.050
Laboratory : Meridian
Injection Date : 12/5/2025 9:18:38 AM
Vial # : 1
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409





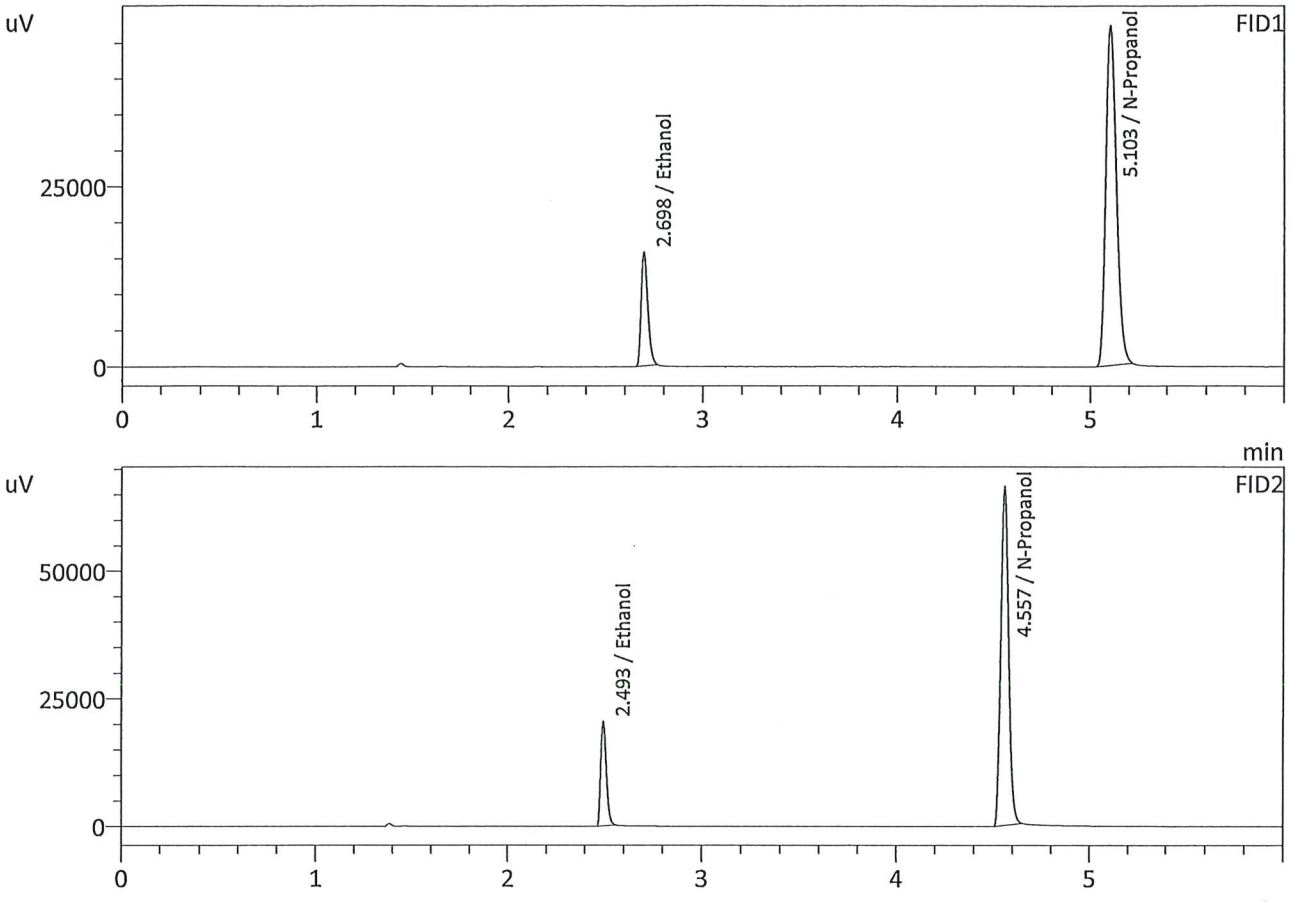
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0517	18774	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181249	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0519	19719	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	187467	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.100
Laboratory : Meridian
Injection Date : 12/5/2025 9:31:23 AM
Vial # : 2
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



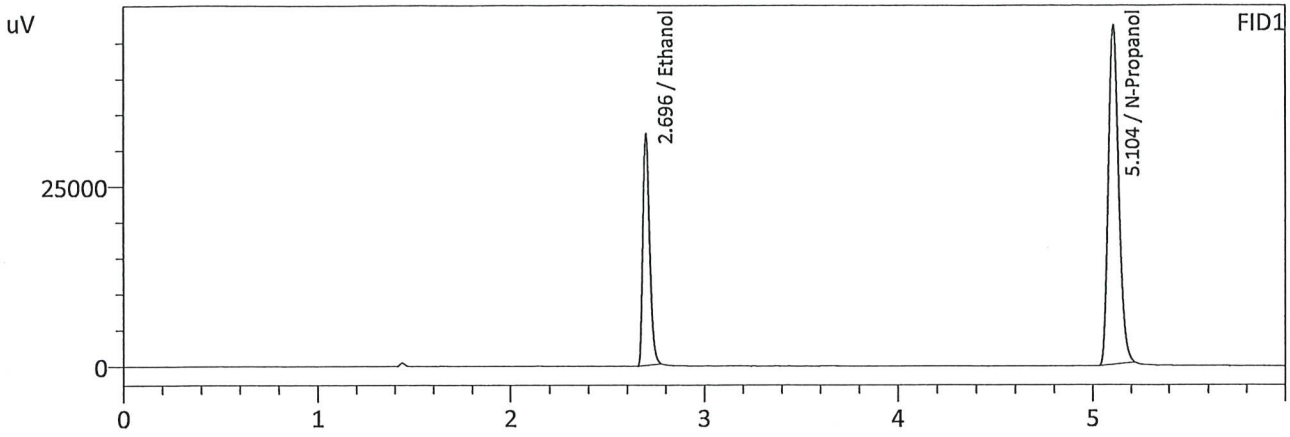
FID1

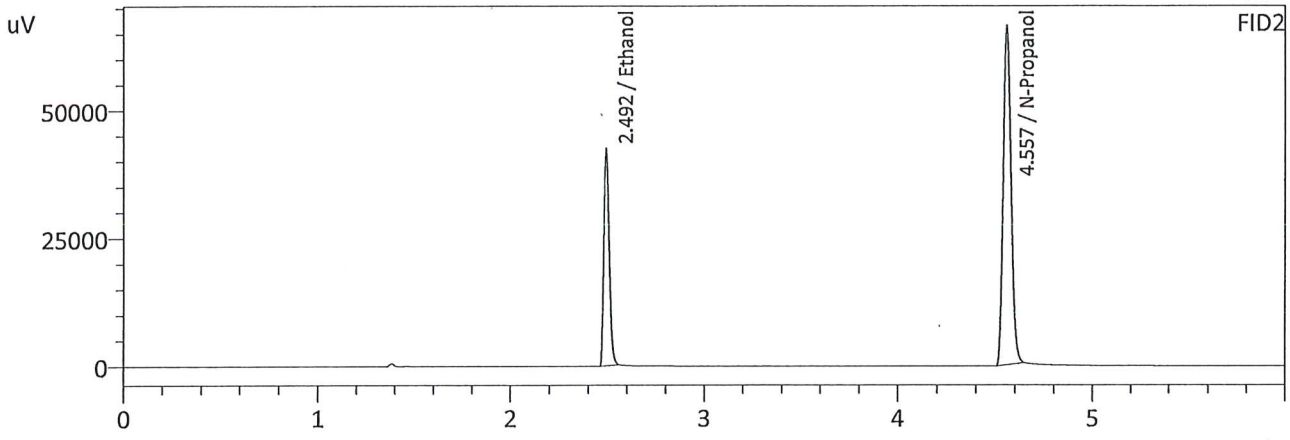
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0998	38293	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	179008	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0999	40509	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	184544	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.200
Laboratory : Meridian
Injection Date : 12/5/2025 9:43:34 AM
Vial # : 3
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409





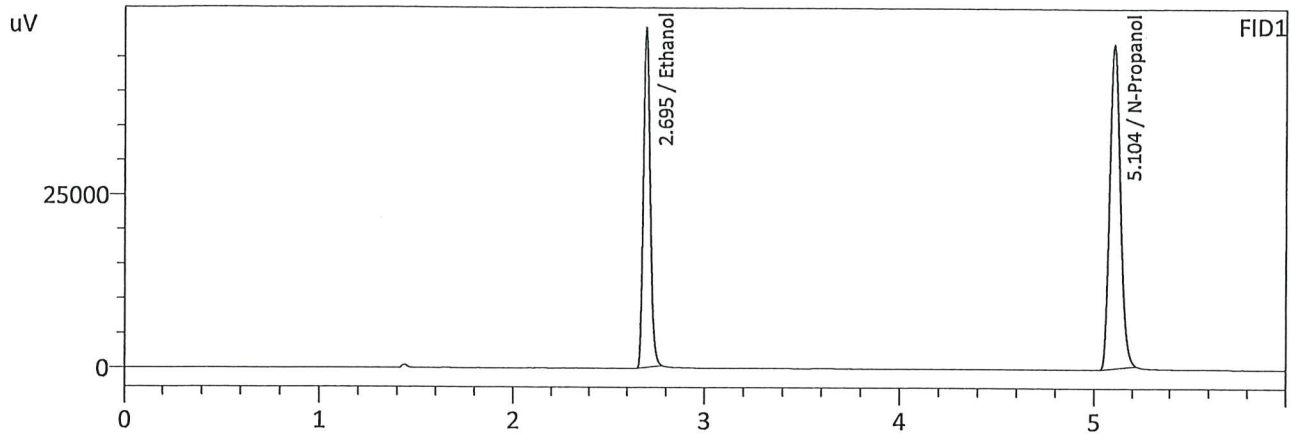
FID1

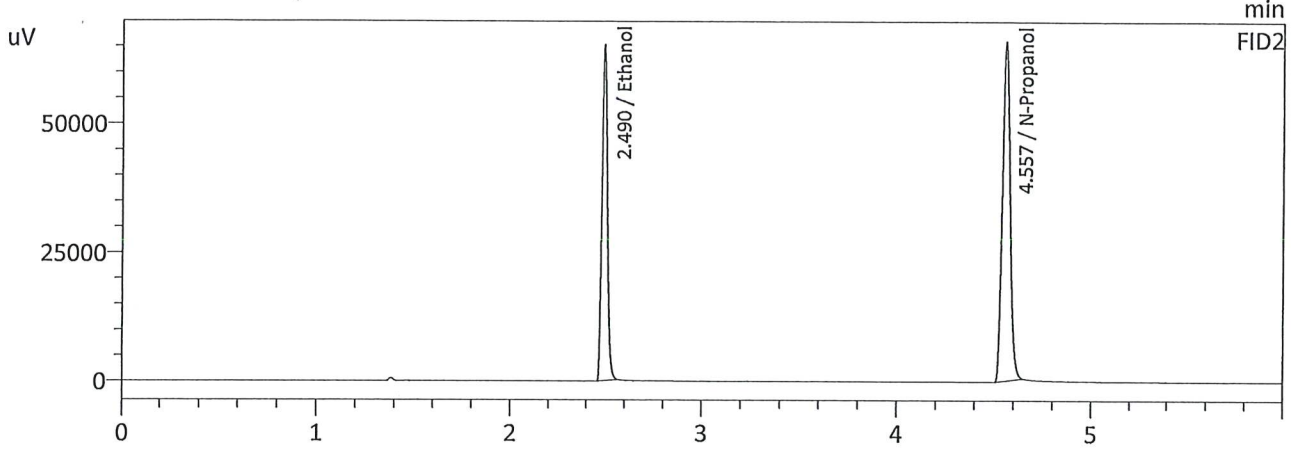
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1977	78469	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	178901	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1975	83307	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	184410	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.300
Laboratory : Meridian
Injection Date : 12/5/2025 9:55:55 AM
Vial # : 4
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409





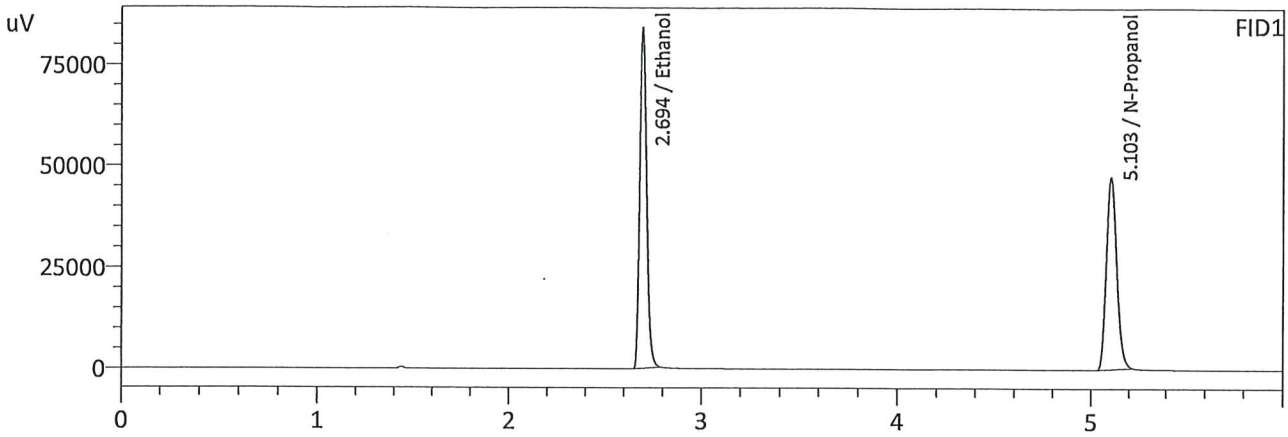
FID1

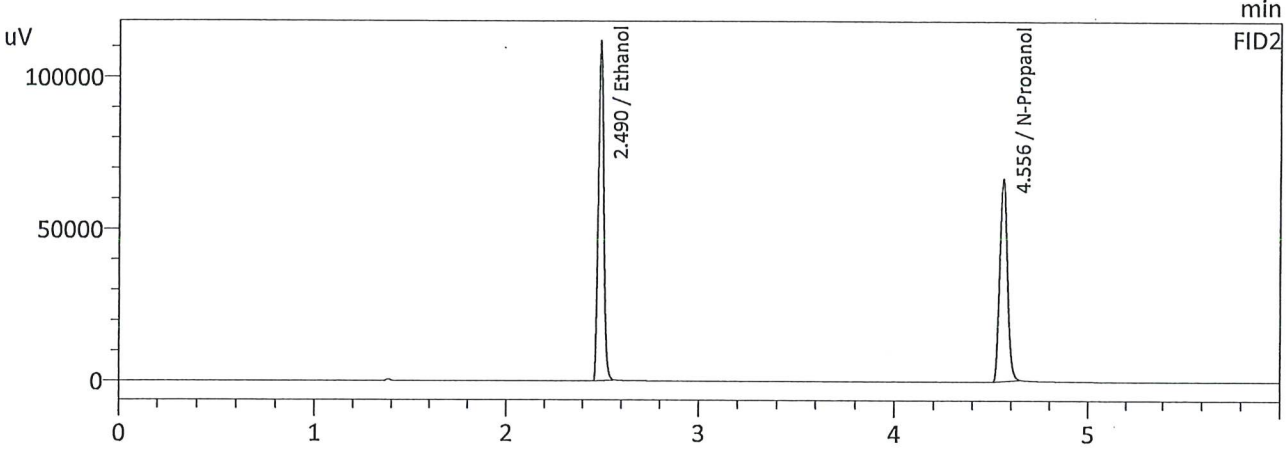
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2997	119534	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	177700	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2993	126863	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	182840	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.500
Laboratory : Meridian
Injection Date : 12/5/2025 10:08:08 AM
Vial # : 5
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409





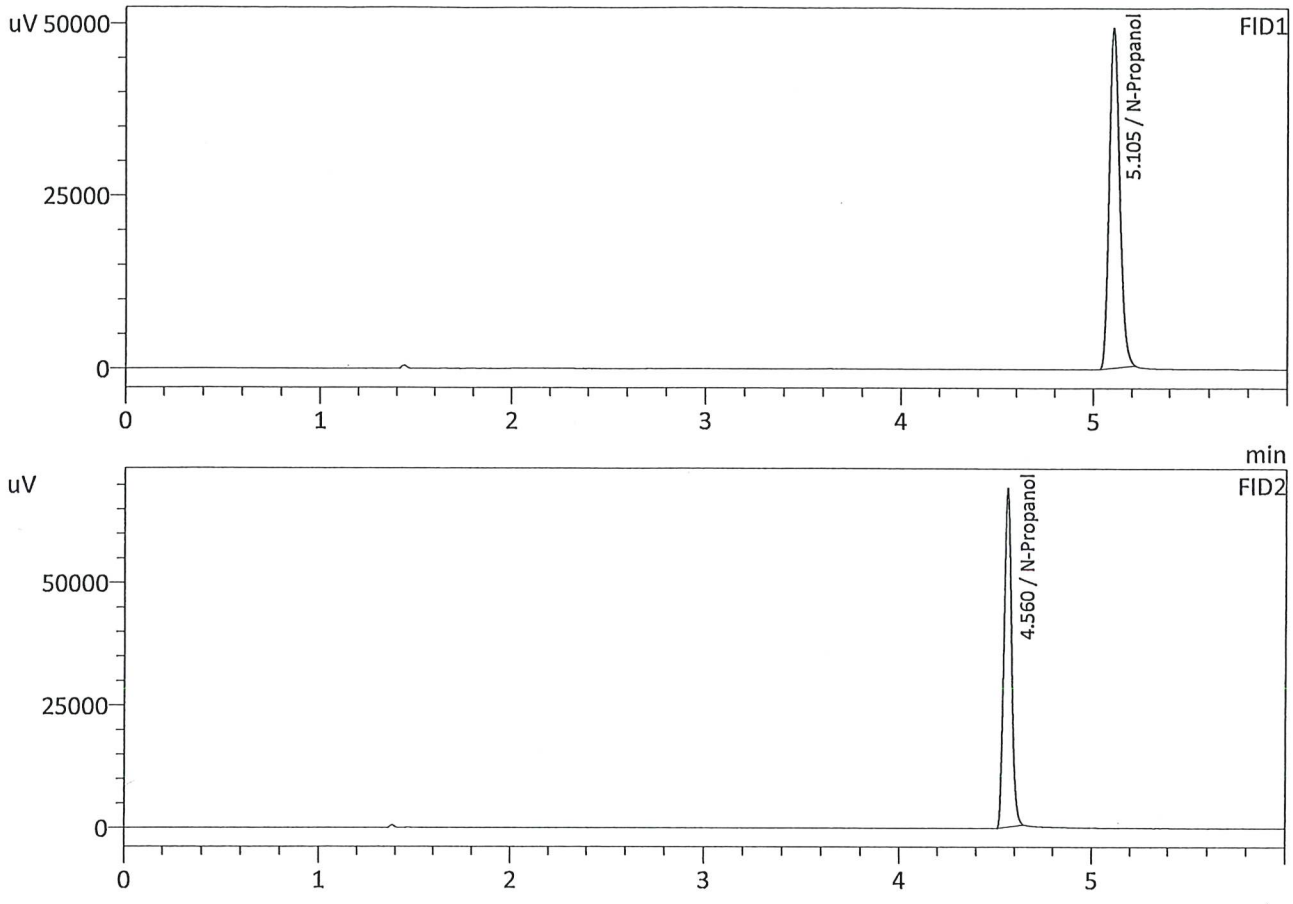
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5008	203821	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	179742	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5011	216756	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	184635	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : ISTD BLK
Laboratory : Meridian
Injection Date : 12/5/2025 10:20:47 AM
Vial # : 6
Method Filename : Default Project - ALCOHOL_251205_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	186483	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	191970	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Meridian Blood Alcohol Analysis Batch Table

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

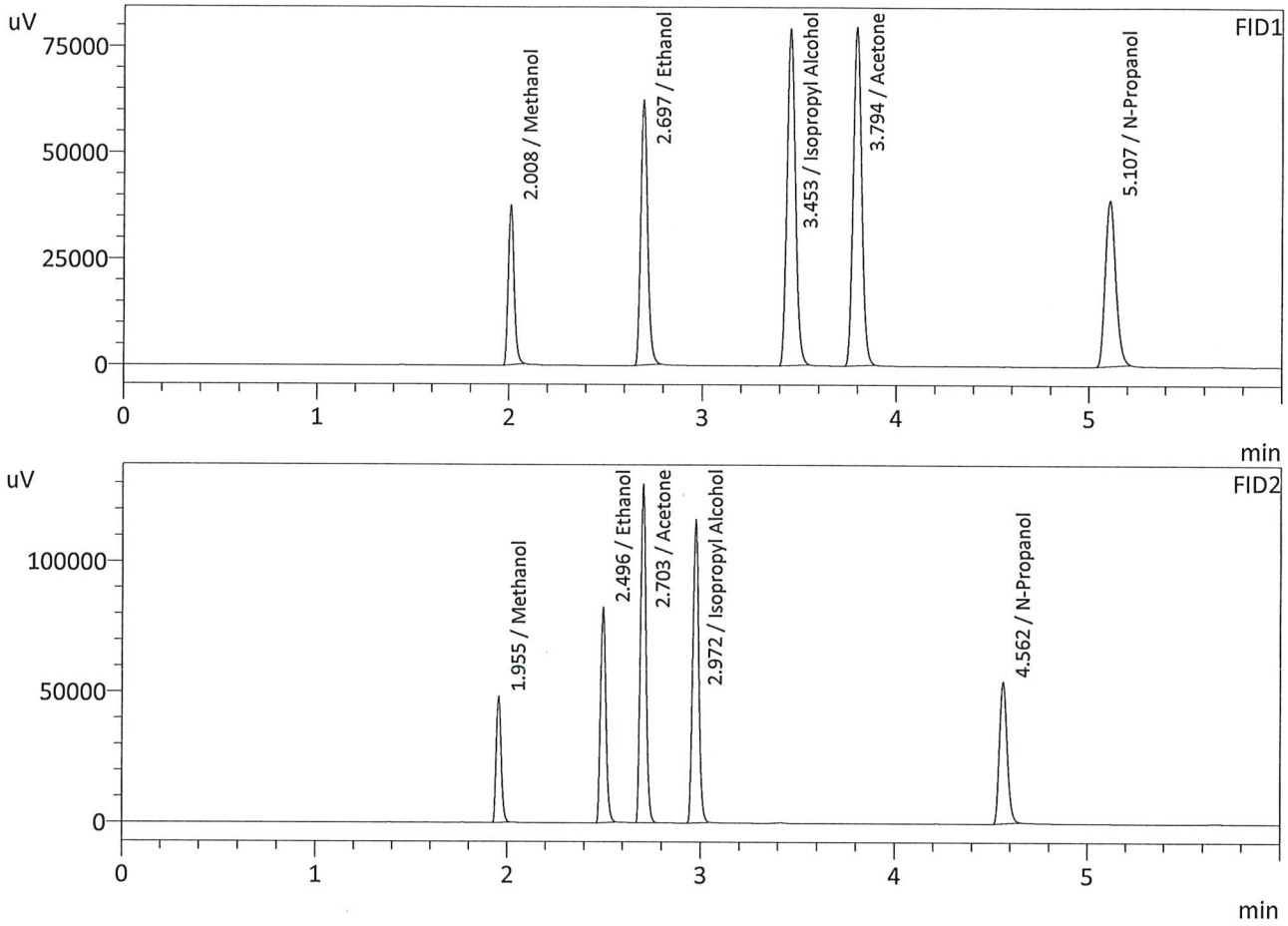
Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	0:Unknown	1	ALCOHOL 251205 GG.gcm
2	0.100	0:Unknown	2	ALCOHOL 251205 GG.gcm
3	0.200	0:Unknown	3	ALCOHOL 251205 GG.gcm
4	0.300	0:Unknown	4	ALCOHOL 251205 GG.gcm
5	0.500	0:Unknown	5	ALCOHOL 251205 GG.gcm
6	ISTD BLK	0:Unknown	0	ALCOHOL 251205 GG.gcm

Meridian Blood Alcohol Analysis Batch Table

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

Vial#	Sample Name	Sample Type	Level#	Method File
1	INT STD BLK 1	0:Unknown	0	ALCOHOL 251205 GG.gcm
2	ED VOLATILES FN 0530	0:Unknown	1	ALCOHOL 251205 GG.gcm
3	QC1-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
4	QC1-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 251205 GG.gcm
6	0.08 QA	0:Unknown	0	ALCOHOL 251205 GG.gcm
7	M2025-5021-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
8	M2025-5021-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
9	M2025-5022-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
10	M2025-5022-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
11	M2025-5023-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
12	M2025-5023-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
13	M2025-5042-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
14	M2025-5042-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
15	M2025-5043-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
16	M2025-5043-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
17	M2025-5053-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
18	M2025-5053-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
19	M2025-5055-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
20	M2025-5055-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
21	M2025-5057-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
22	M2025-5057-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
23	M2025-5077-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
24	M2025-5077-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
25	QC2-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
26	QC2-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
27	M2025-5081-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
28	M2025-5081-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
29	M2025-5086-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
30	M2025-5086-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
31	M2025-5093-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
32	M2025-5093-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
33	M2025-5113-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
34	M2025-5113-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
35	M2025-5115-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
36	M2025-5115-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
37	M2025-5116-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
38	M2025-5116-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
39	M2025-5117-1	0:Unknown	0	ALCOHOL 251205 GG.gcm
40	M2025-5117-1-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
41	QC1-2	0:Unknown	0	ALCOHOL 251205 GG.gcm
42	QC1-2-B	0:Unknown	0	ALCOHOL 251205 GG.gcm
43	INT STD BLK 2	0:Unknown	0	ALCOHOL 251205 GG.gcm
44	DFE 111914OM	0:Unknown	0	ALCOHOL 251205 GG.gcm
45	INT STD BLK 3	0:Unknown	0	ALCOHOL 251205 GG.gcm

Sample Name : MIXED VOLATILES FN 05302307
Laboratory : Meridian
Injection Date : 12/12/2025 10:52:14 AM
Vial # : 2
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	80266	g/100cc
Ethanol	0.4549	152414	g/100cc
Isopropyl Alcohol	0.0000	235097	g/100cc
Acetone	0.0000	240821	g/100cc
N-Propanol	0.0000	148177	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	87553	g/100cc
Ethanol	0.4569	161697	g/100cc
Acetone	0.0000	256904	g/100cc
Isopropyl Alcohol	0.0000	245743	g/100cc
N-Propanol	0.0000	151301	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA **Analysis Date(s): 12/12/2025 11:29:00 AM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0814	0.0811	0.0003	0.0812	0.0006	0.0809
(g/100cc)	0.0807	0.0806	0.0001	0.0806		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

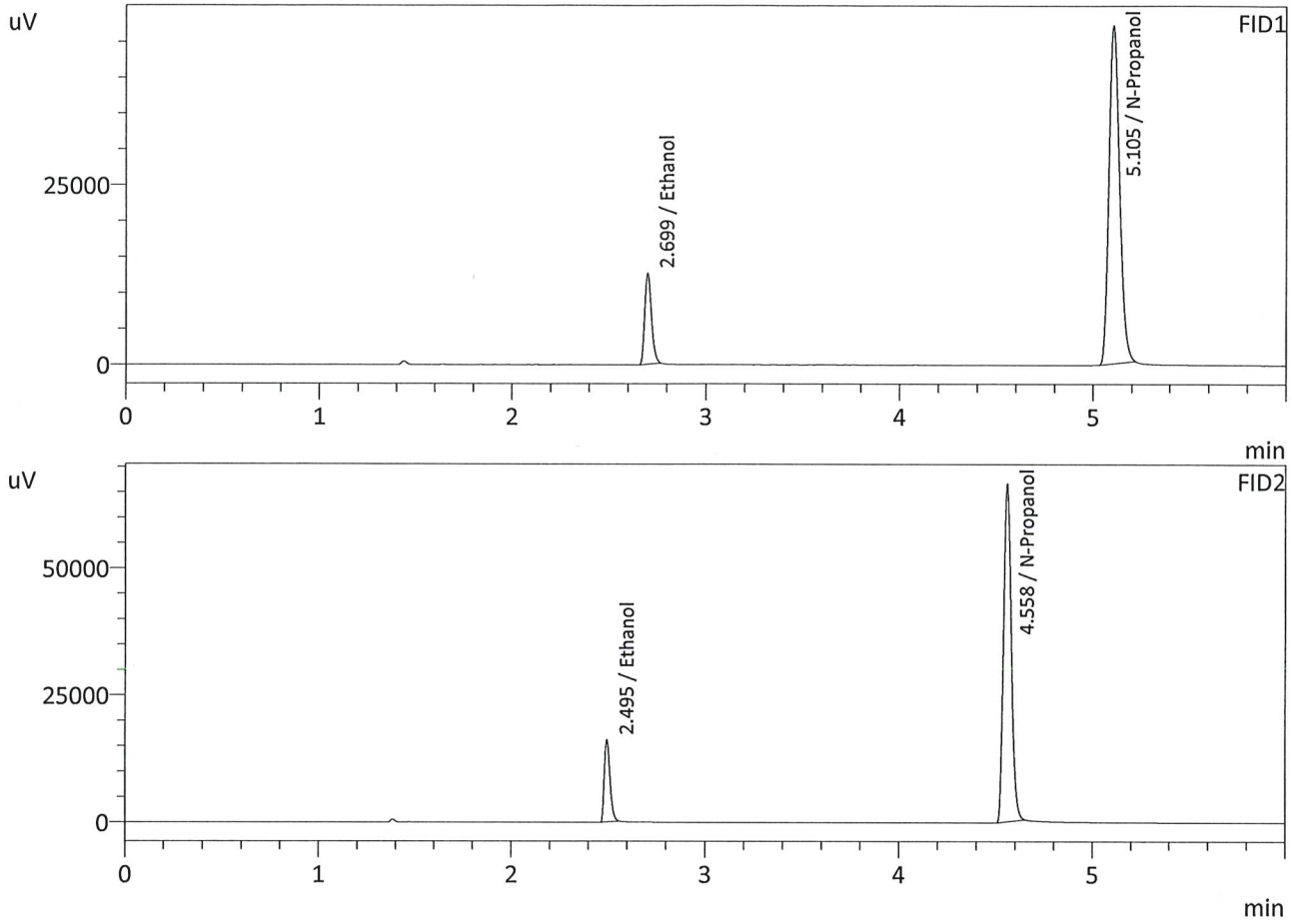
Refer To Instrument Method: ALCOHOL_251205_GG.gcm

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

Reported Results
0.080

Calibration and control data are stored centrally.

Sample Name : 0.08 QA
Laboratory : Meridian
Injection Date : 12/12/2025 11:29:00 AM
Vial # : 5
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

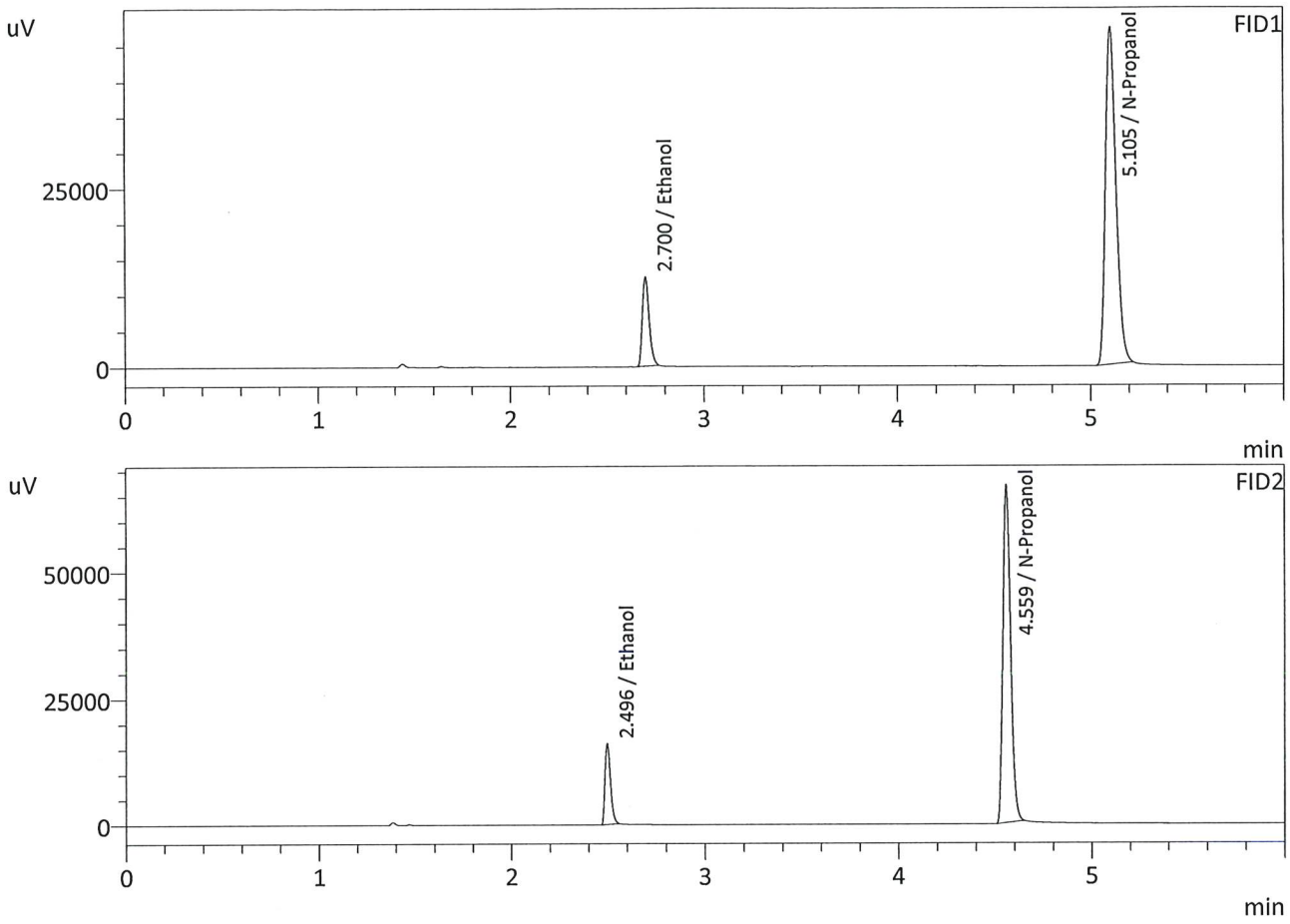
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0814	30770	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	179116	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0811	32320	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	184913	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.08 QA
Laboratory : Meridian
Injection Date : 12/12/2025 11:41:20 AM
Vial # : 6
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0807	30499	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	179132	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0806	32080	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	184758	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1 **Analysis Date(s): 12/12/2025 11:04:24 AM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0841	0.0846	0.0005	0.0843	0.0012	0.0837
(g/100cc)	0.0828	0.0834	0.0006	0.0831		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_251205_GG.gcm

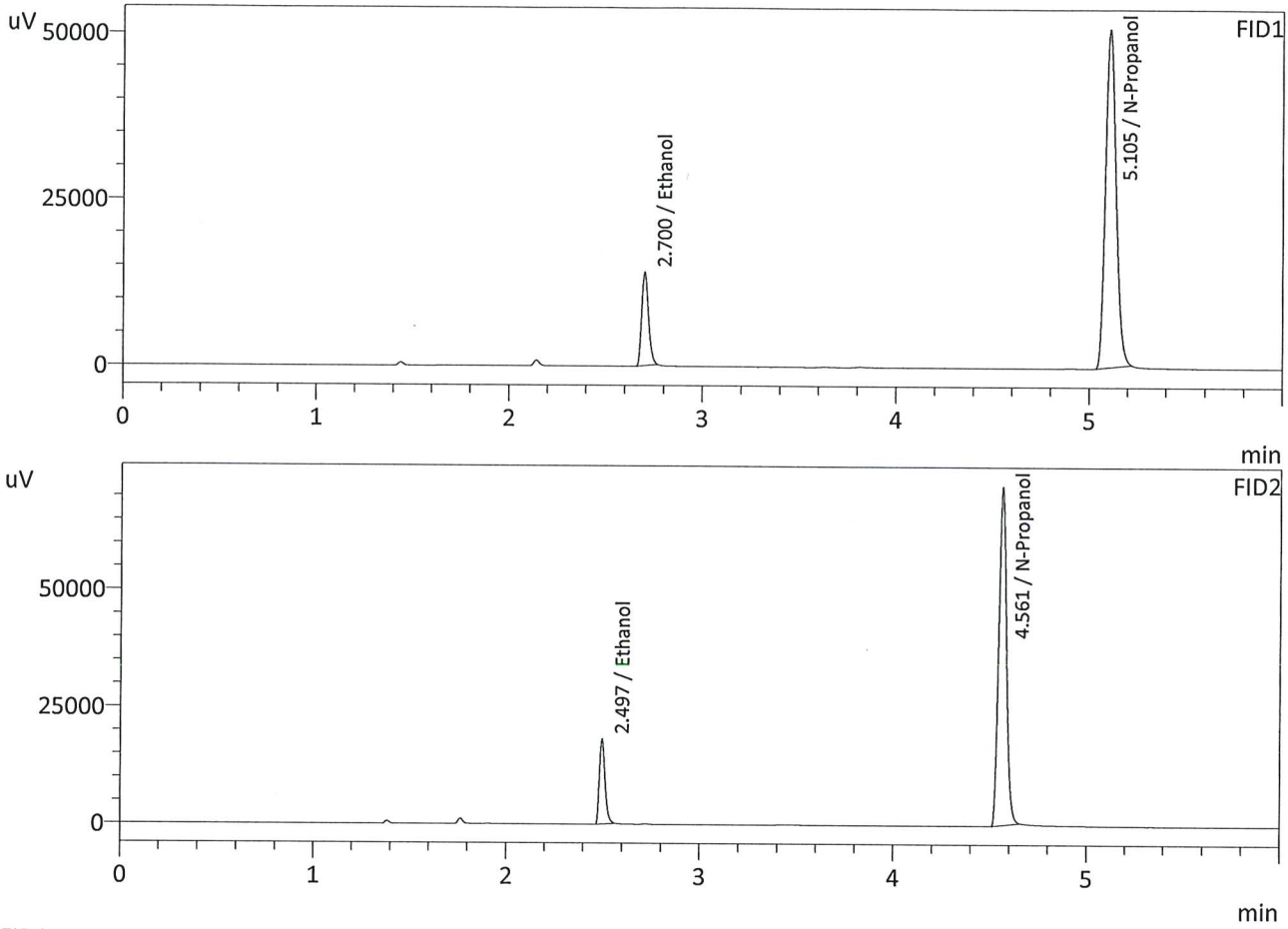
Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

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.

Sample Name : QC1-1
Laboratory : Meridian
Injection Date : 12/12/2025 11:04:24 AM
Vial # : 3
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



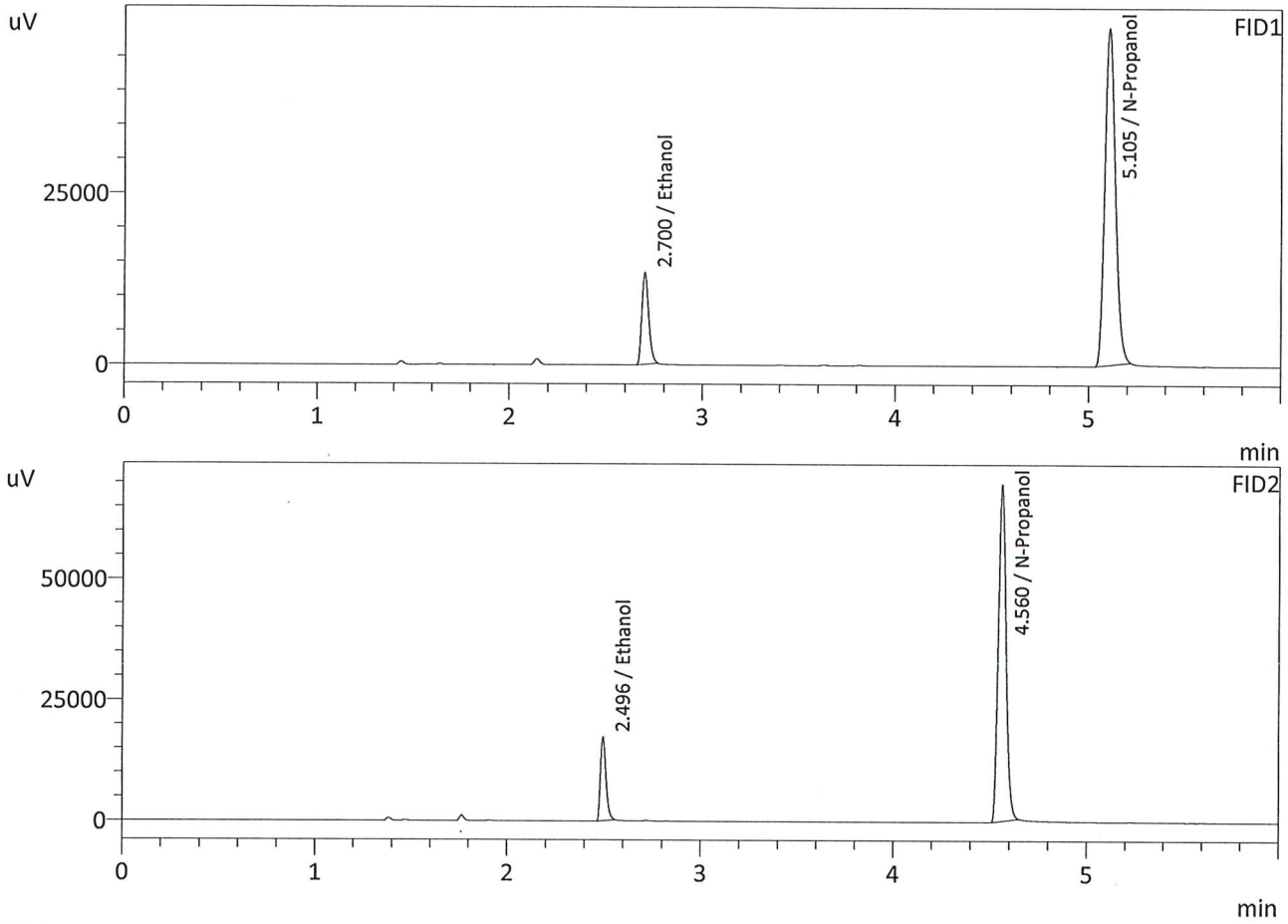
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0841	34288	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	192588	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0846	36546	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	199577	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : 12/12/2025 11:16:34 AM
Vial # : 4
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0828	32685	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	186754	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0834	34739	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	192776	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2 **Analysis Date(s): 12/12/2025 6:55:08 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0858	0.0865	0.0007	0.0861	0.0001	0.0861
(g/100cc)	0.0859	0.0862	0.0003	0.0860		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_251205_GG.gcm

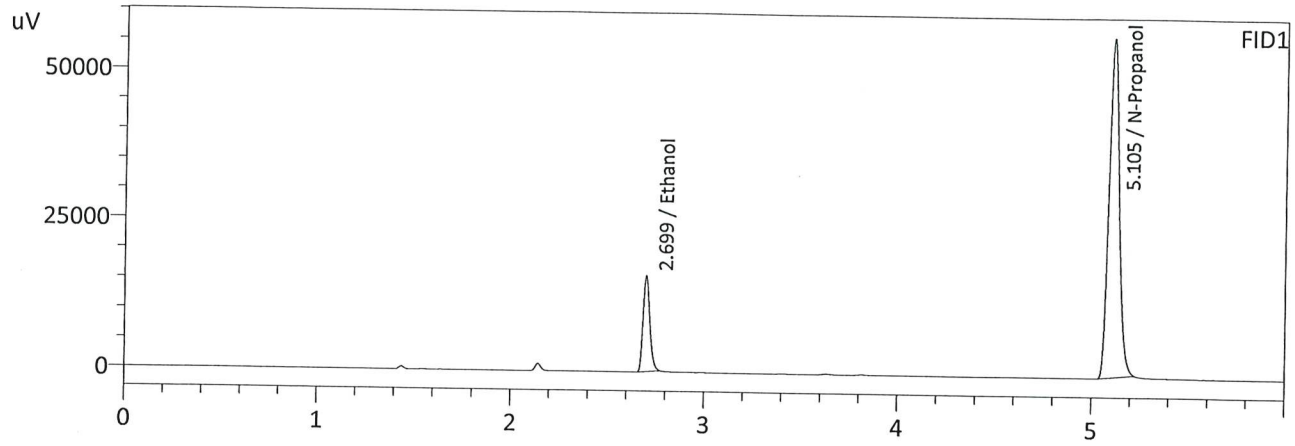
Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

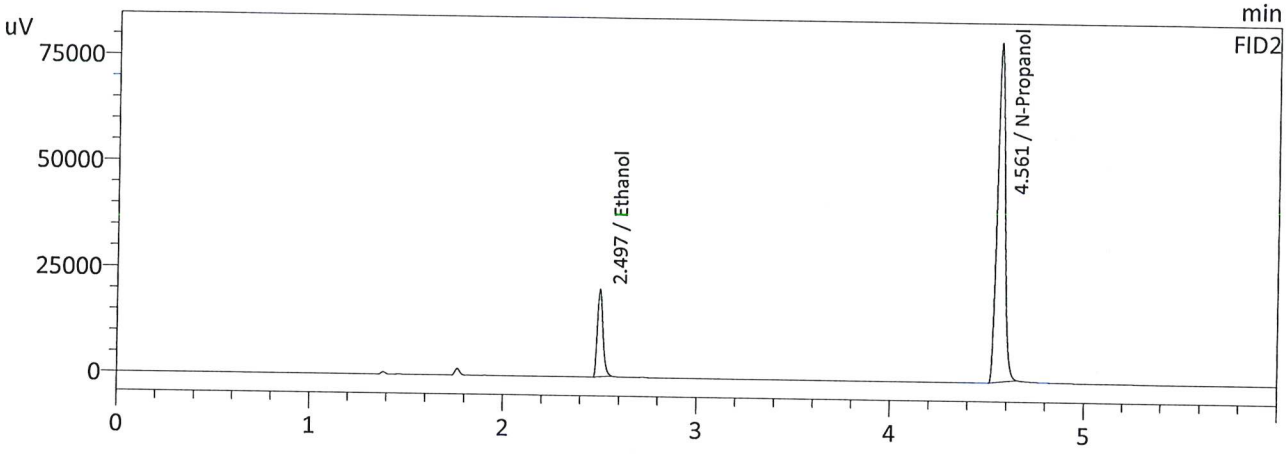
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.086	0.081	0.091	0.005

Reported Results
0.086

Calibration and control data are stored centrally.

Sample Name : QC1-2
Laboratory : Meridian
Injection Date : 12/12/2025 6:55:08 PM
Vial # : 41
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409





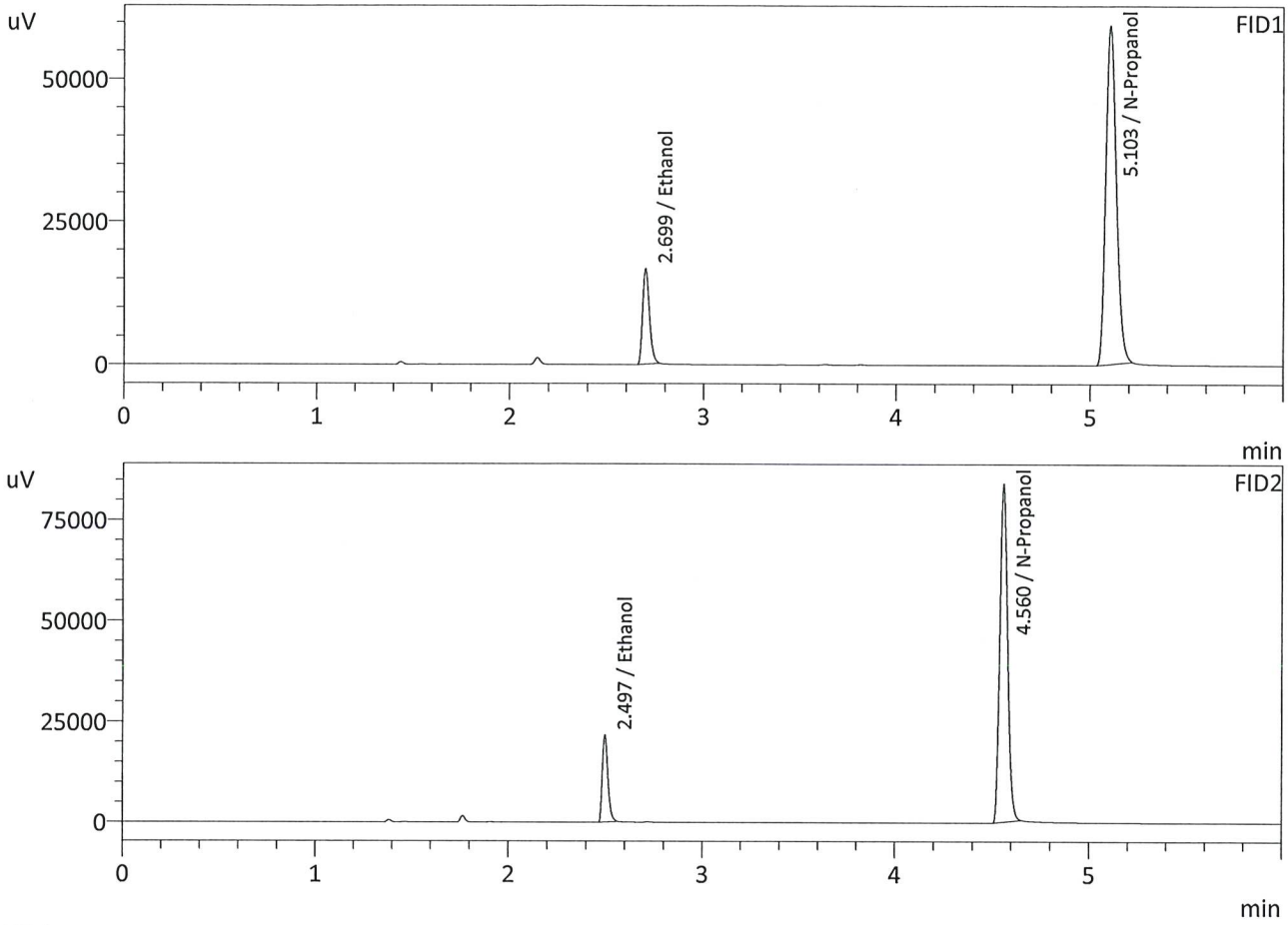
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0858	39037	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	214599	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0865	41561	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	221560	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : 12/12/2025 7:07:21 PM
Vial # : 42
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0859	40841	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	224212	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0862	43432	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	232366	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1 **Analysis Date(s): 12/12/2025 3:36:46 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1971	0.1966	0.0005	0.1968	0.0027	0.1982
(g/100cc)	0.1994	0.1997	0.0003	0.1995		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_251205_GG.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

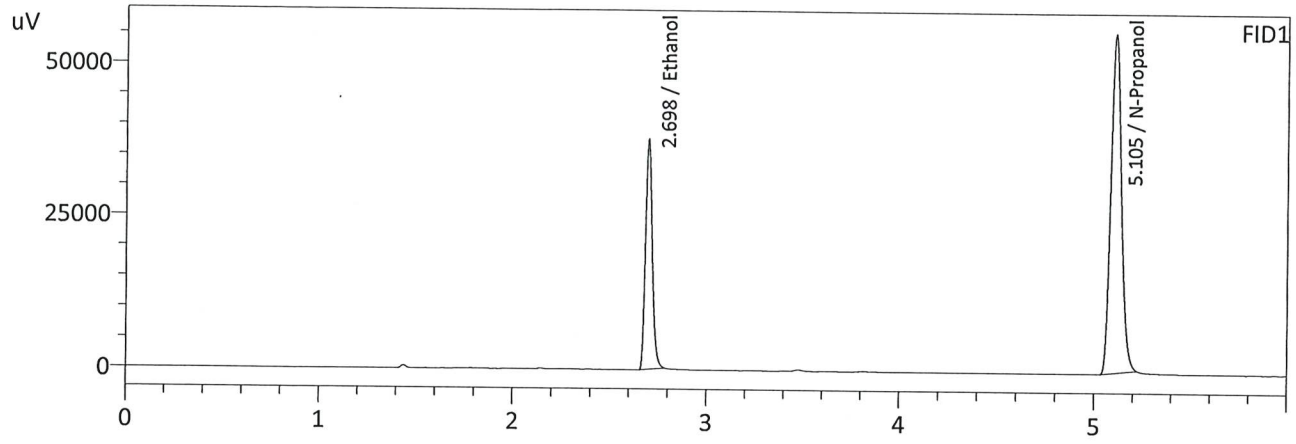
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.198	0.188	0.208	0.010

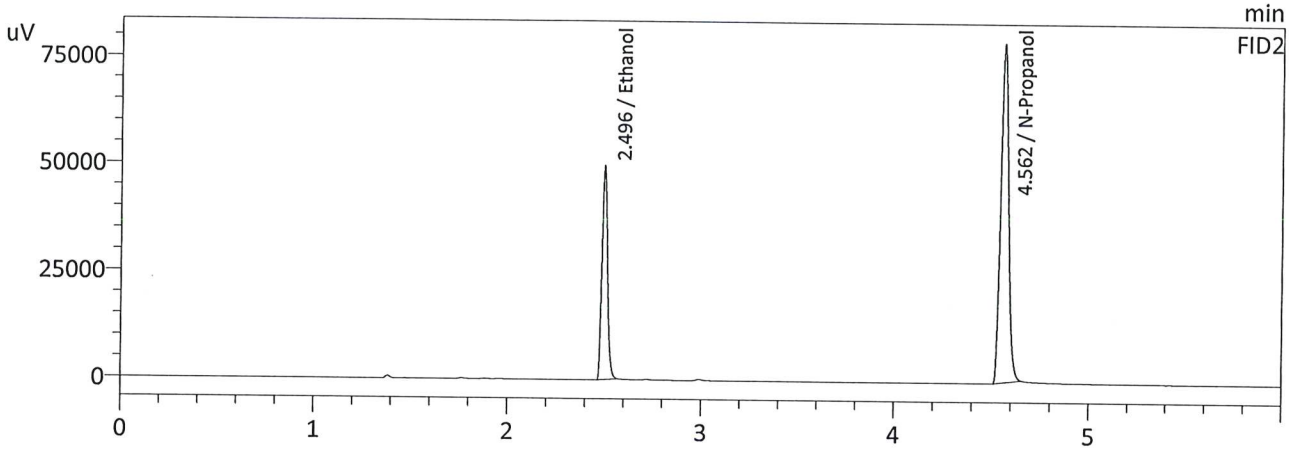
Reported Results
0.198

Calibration and control data are stored centrally.

W

Sample Name : QC2-1
Laboratory : Meridian
Injection Date : 12/12/2025 3:36:46 PM
Vial # : 25
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

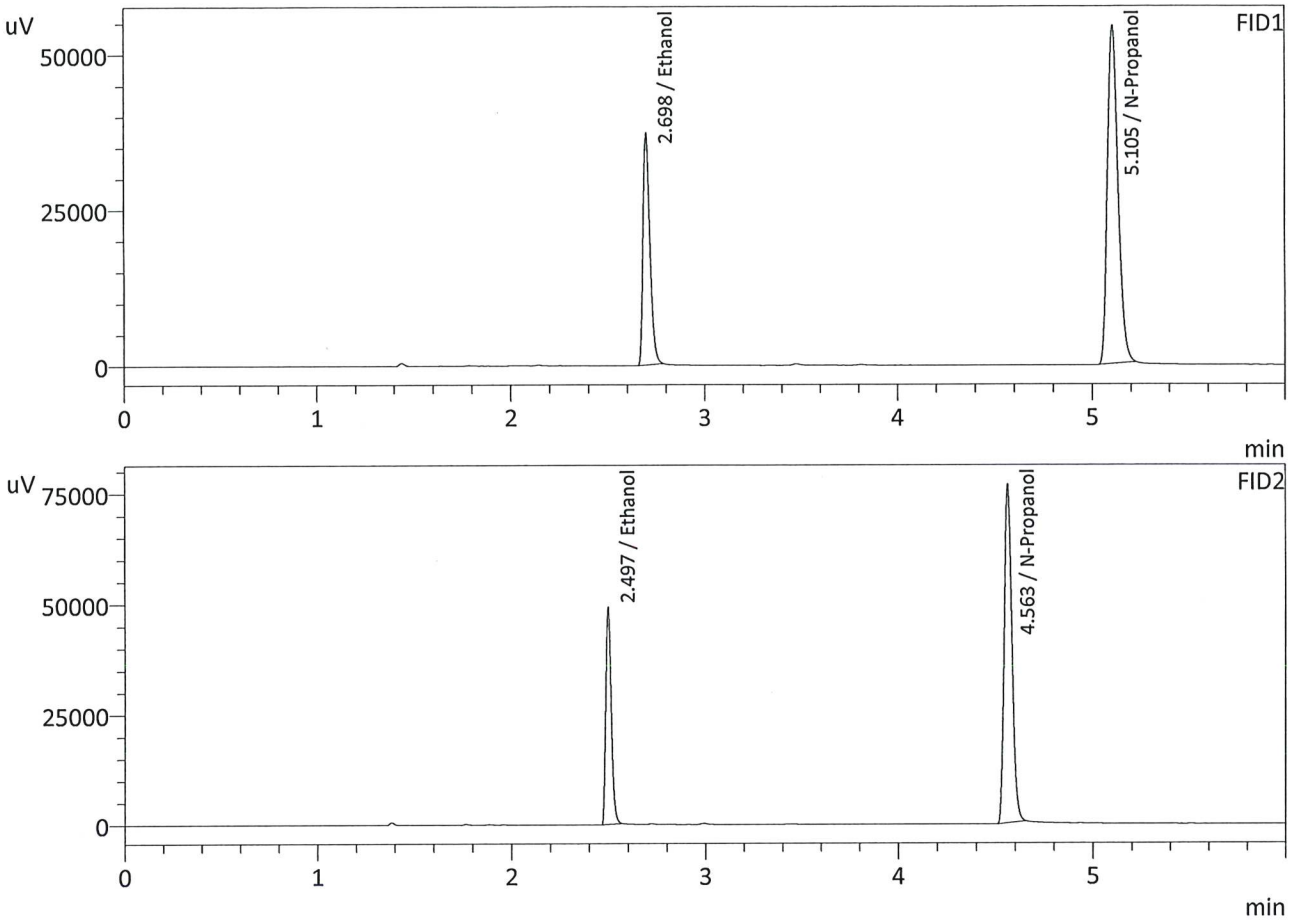
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1971	92380	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	211272	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1966	98427	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	218955	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : 12/12/2025 3:48:56 PM
Vial # : 26
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

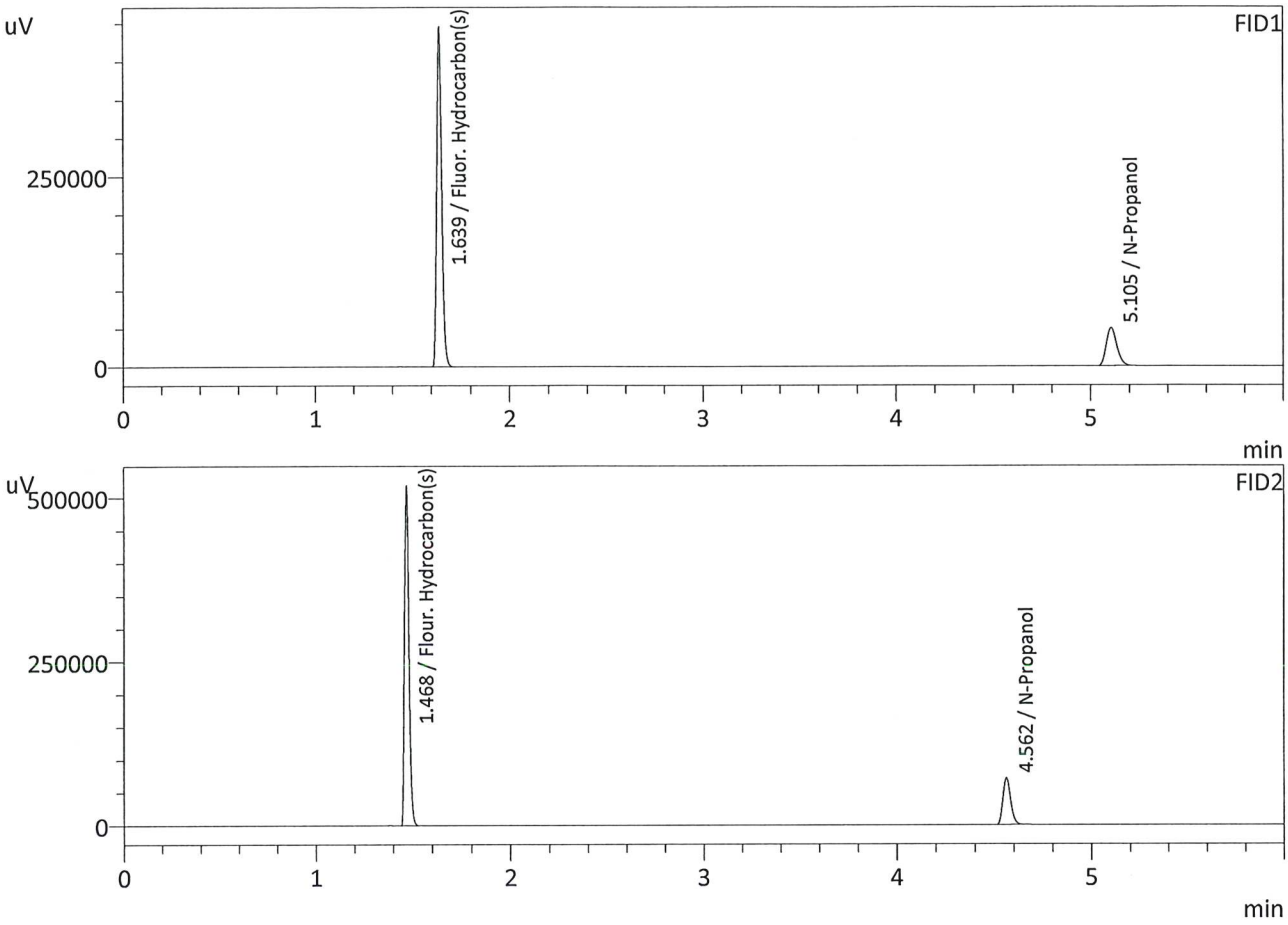
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1994	91151	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	205989	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1997	97157	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	212622	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : DFE 111914OM
Laboratory : Meridian
Injection Date : 12/12/2025 7:31:55 PM
Vial # : 44
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

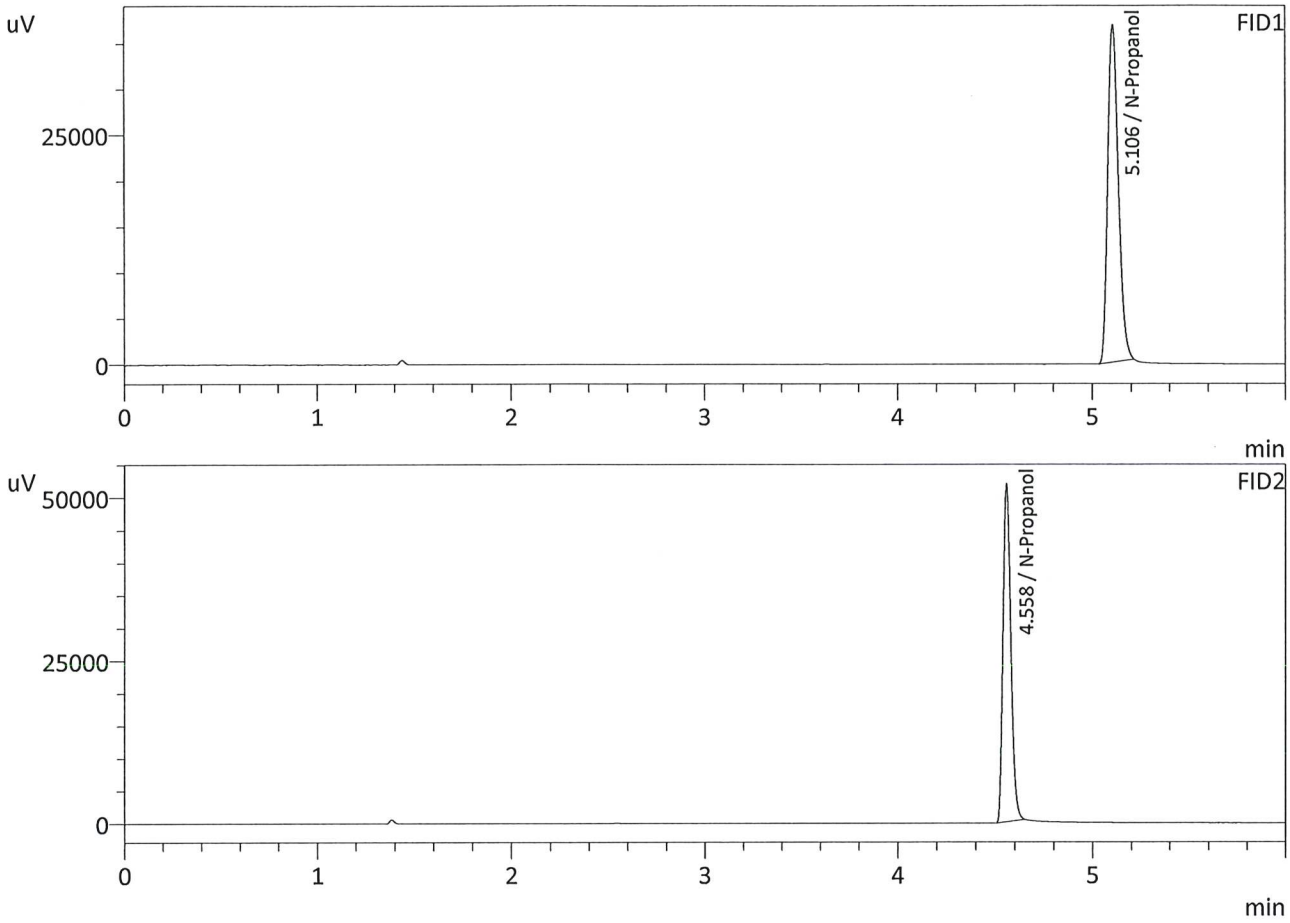
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	191118	g/100cc
Fluor. Hydrocarbon(s)	0.0000	778280	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	197939	g/100cc
Flour. Hydrocarbon(s)	0.0000	815592	g/100cc

W

Sample Name : INT STD BLK 1
Laboratory : Meridian
Injection Date : 12/12/2025 10:39:29 AM
Vial # : 1
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

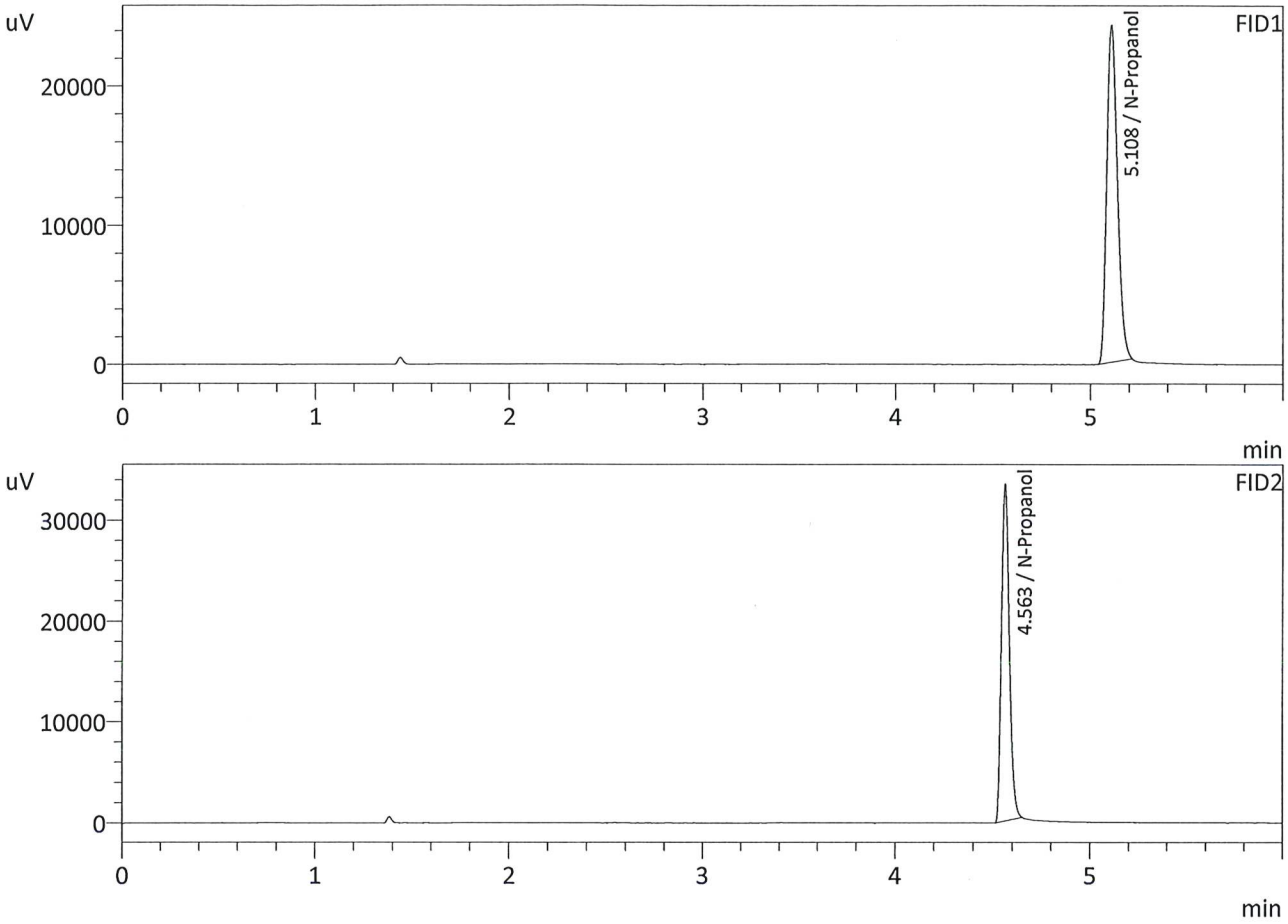
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	139801	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	144510	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : INT STD BLK 2
Laboratory : Meridian
Injection Date : 12/12/2025 7:19:32 PM
Vial # : 43
Method Filename : Default Project - ALCOHOL_251205_GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



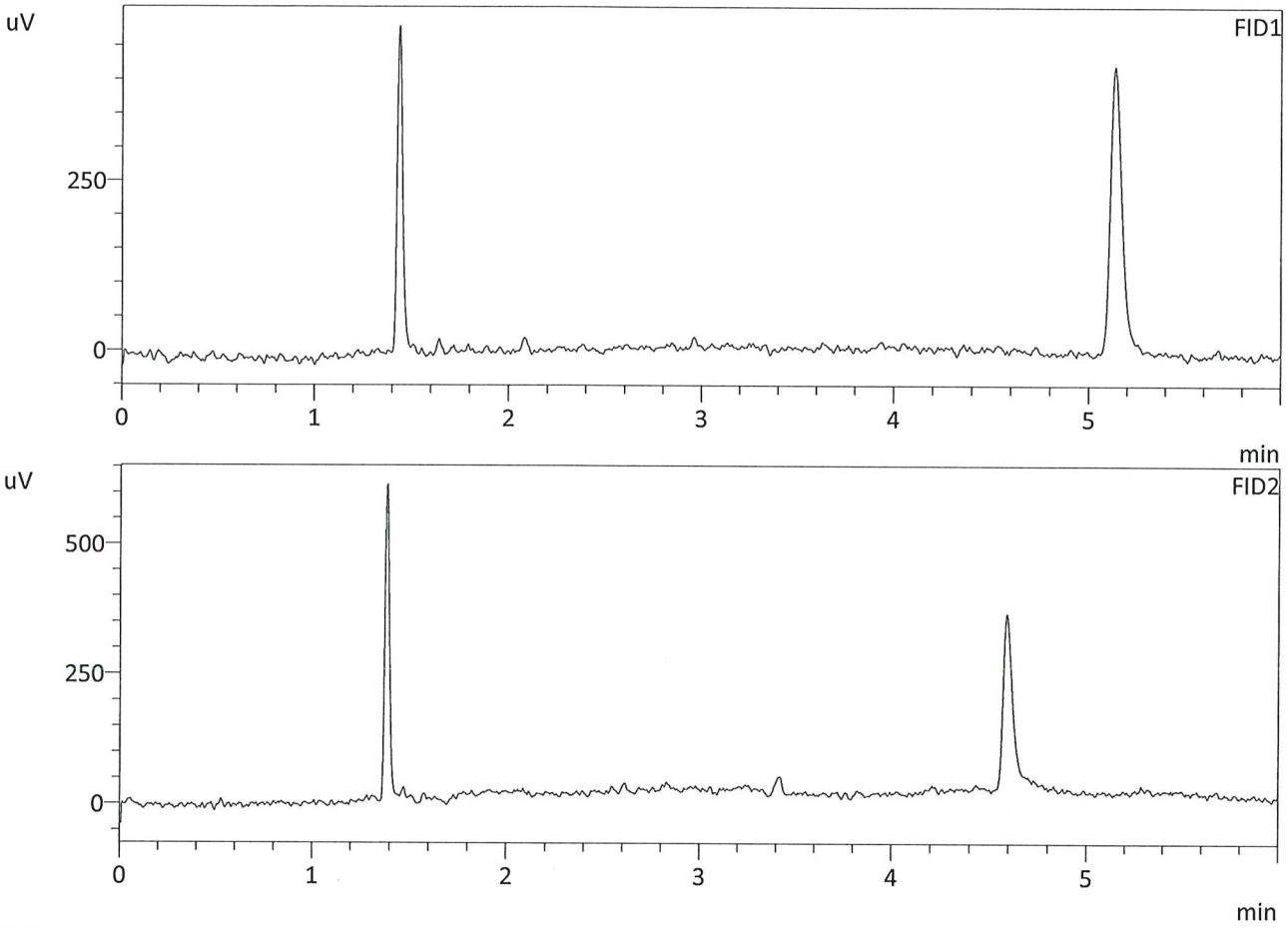
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	91879	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	93023	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 3
Laboratory : Meridian
Injection Date : 12/12/2025 7:44:18 PM
Vial # : 45
Method Filename : Default Project - ALCOHOL_251205_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	--	--	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	--	--	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W