

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): 7/18/24

Calibration Date: (if different) 7/10/24

Worklist #: 6874

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Feb-25	2101199	0.0808	0.0727-0.0889	0.0791 g/100cc
					0.0824 g/100cc
					g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.1854 g/100cc
					0.1902 g/100cc
Multi-Component mixture:		Exp:	Oct. 24	Lot #	
Curve Fit:		Column 1	Column 1	Lot #	0.99986
		Column 2	Column 2		0.99986

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	0.0515	0.0002	0.0516
100	0.100	0.090 - 0.110	0.1005	0.1010	0.0005	0.1007
200	0.200	0.180 - 0.220	0.1982	0.1979	0.0003	0.198
300	0.300	0.270 - 0.330	0.2974	0.2975	1E-04	0.2974
400	0.400	0.360 - 0.440	N/A	N/A	#####	#DIV/0!
500	0.500	0.450 - 0.550	0.5019	0.5019	0	0.5019

Aqueous Controls

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

REVIEWED

By Melissa (Nikka) Bradley at 2:16 pm, Jul 19, 2024

NB

JK

Internal Standard Monitoring Worksheet

Worklist #: **6874** Run Date(s): **7/18/24**

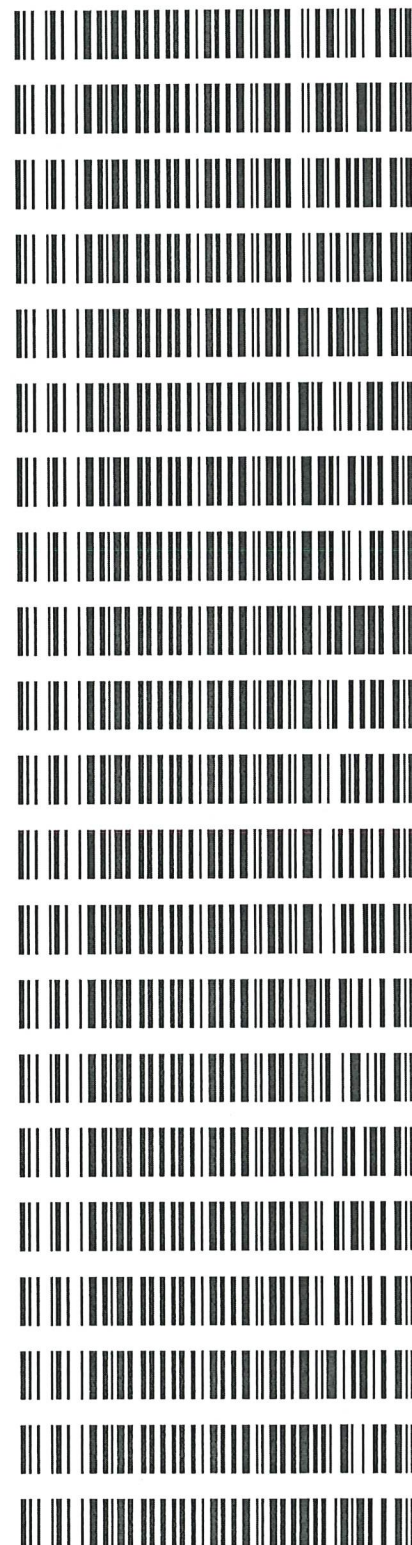
Internal Standard Solution: _____ Prep Date: **5/6/2024** Exp Date: **11/6/2024**

Sample Name	Column 1 Value	Column 2 Value
0.080	195282	211211
0.080	196441	212842
QC1	194416	209973
QC1	194412	210096
QC1	232656	252088
QC1	228670	247947
QC1		
QC1		
QC2	215525	233782
QC2	219970	238711
QC2	237501	257422
QC2	256533	278053
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	217140.6	173712.5	260568.7
Column 2	235212.5	188170.0	282255.0

Worklist: 6874

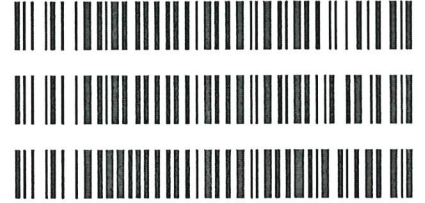
<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2024-2791	1	BCK	Alcohol Analysis
M2024-2792	1	BCK	Alcohol Analysis
M2024-2793	1	BCK	Alcohol Analysis
M2024-2794	1	BCK	Alcohol Analysis
M2024-2802	1	BCK	Alcohol Analysis
M2024-2808	1	BCK	Alcohol Analysis
M2024-2819	1	BCK	Alcohol Analysis
M2024-2820	1	BCK	Alcohol Analysis
M2024-2821	1	BCK	Alcohol Analysis
M2024-2822	1	BCK	Alcohol Analysis
M2024-2823	1	BCK	Alcohol Analysis
M2024-2824	1	BCK	Alcohol Analysis
M2024-2825	1	BCK	Alcohol Analysis
M2024-2846	1	BCK	Alcohol Analysis
M2024-2869	2	UCK	Alcohol Analysis
M2024-2886	1	BCK	Alcohol Analysis
M2024-2887	1	BCK	Alcohol Analysis
M2024-2887	2	BCK	Alcohol Analysis
M2024-2890	1	BCK	Alcohol Analysis
M2024-2907	1	BCK	Alcohol Analysis
M2024-2908	1	BCK	Alcohol Analysis



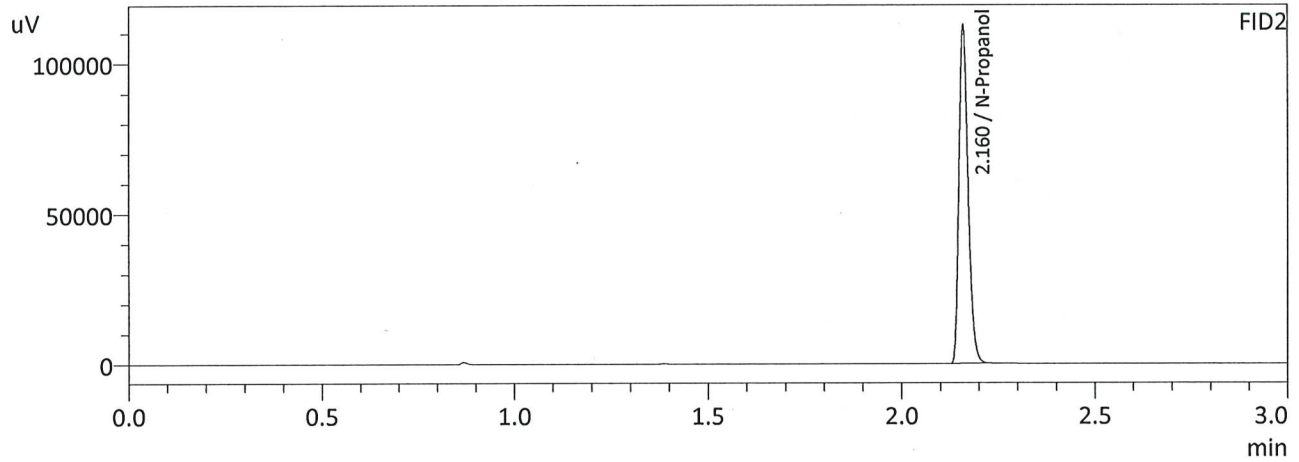
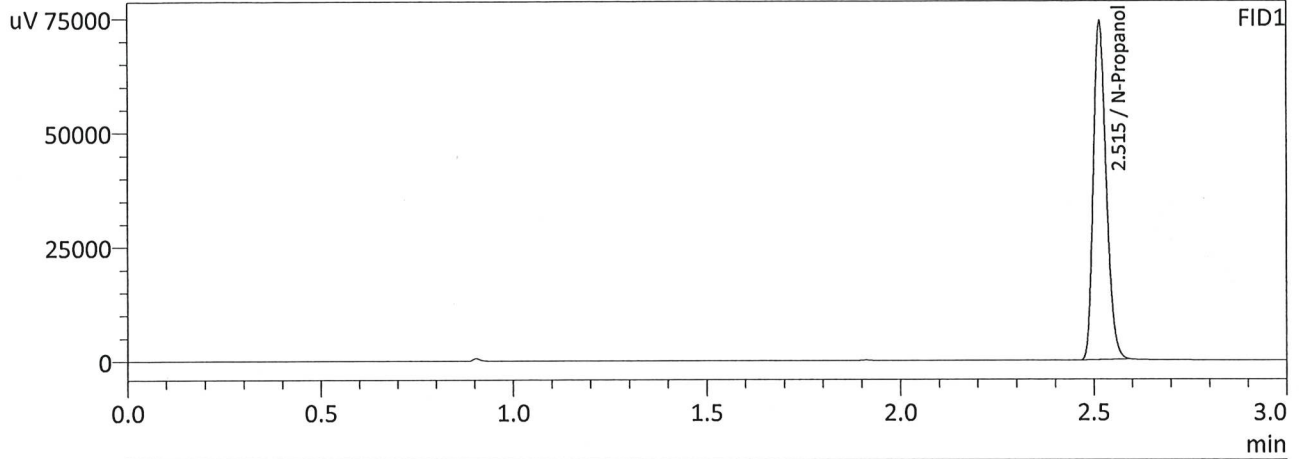
Jc

Worklist: 6874

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2024-2923	1	BCK	Alcohol Analysis
M2024-2926	1	BCK	Alcohol Analysis
P2024-1881	2	BCK	Alcohol Analysis



Sample Name : ISTD BLK 1
 Laboratory : Meridian
 Injection Date : 7/18/2024 3:46:43 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

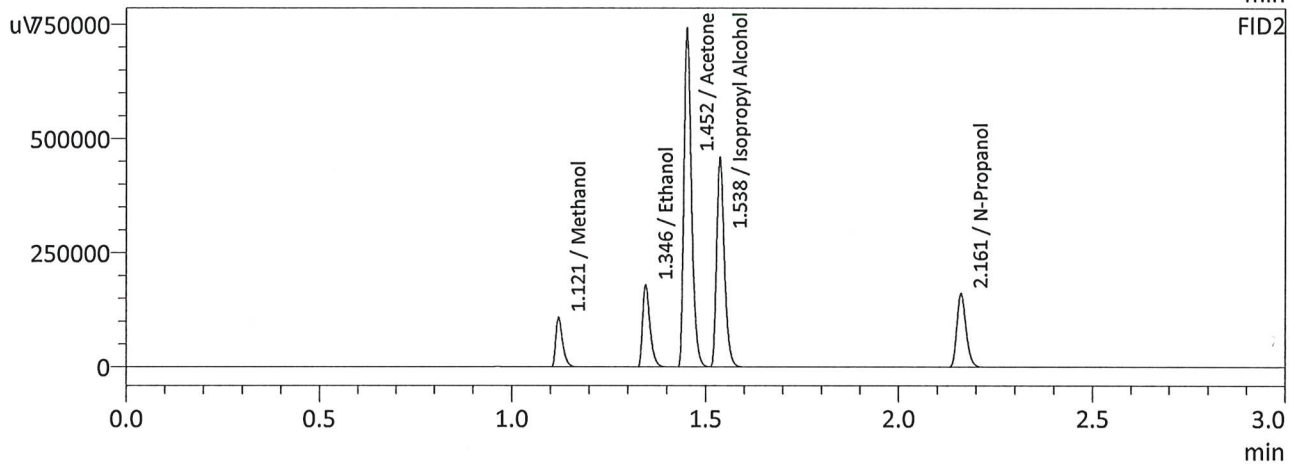
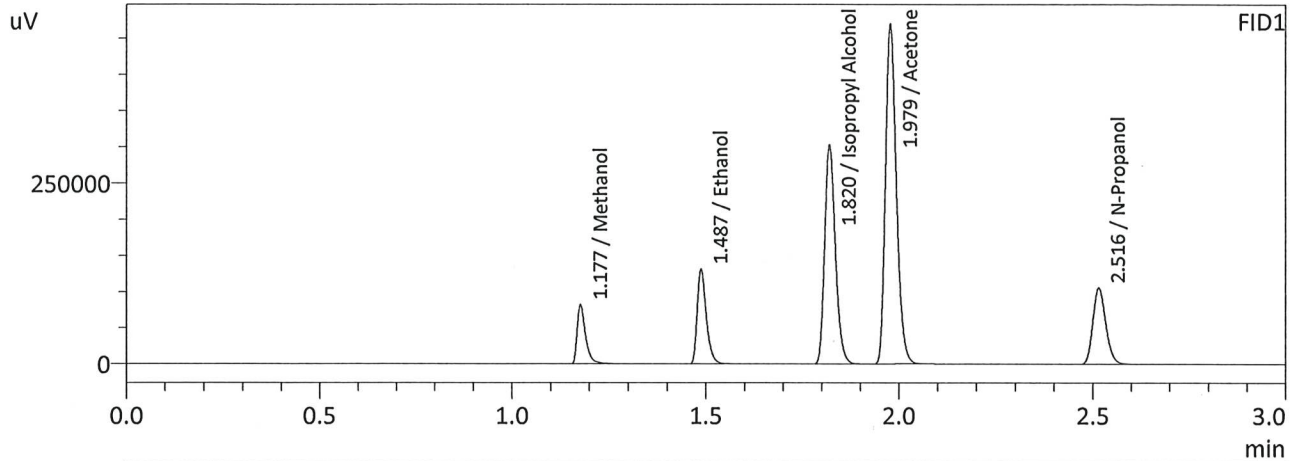
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	173144	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	186852	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Jc

Sample Name : MIXED VOLATILES FN 06041902
 Laboratory : Meridian
 Injection Date : 7/18/2024 3:54:03 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	123787	g/100cc
Ethanol	0.4092	216740	g/100cc
Isopropyl Alcohol	0.0000	587914	g/100cc
Acetone	0.0000	918780	g/100cc
N-Propanol	0.0000	245389	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	134492	g/100cc
Ethanol	0.4102	236380	g/100cc
Acetone	0.0000	997432	g/100cc
Isopropyl Alcohol	0.0000	634859	g/100cc
N-Propanol	0.0000	266152	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1		Analysis Date(s): 7/18/2024 4:01:24 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0793	0.0792	0.0001	0.0792	0.0003	0.0791
(g/100cc)	0.0790	0.0789	0.0001	0.0789		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

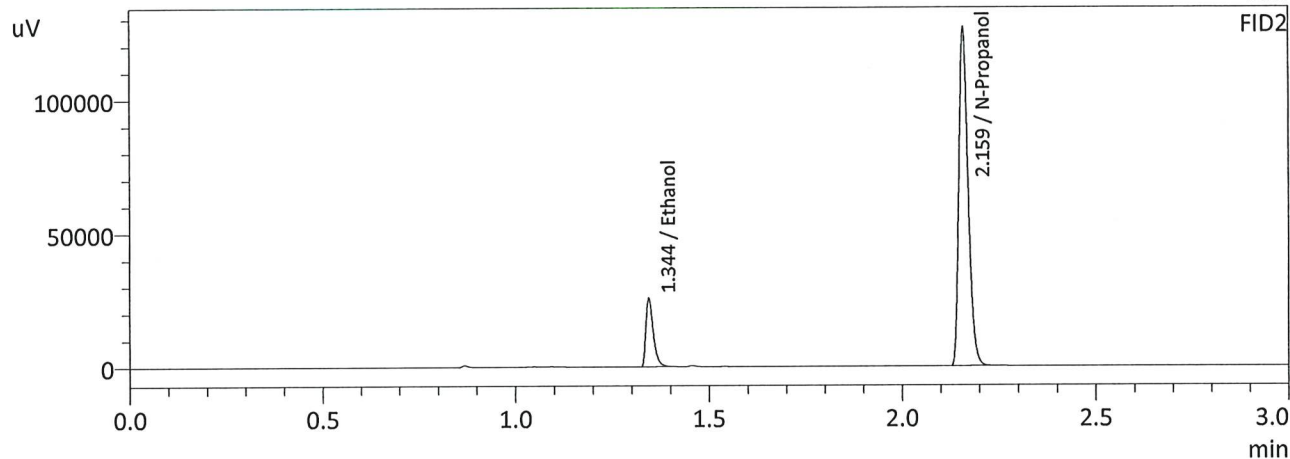
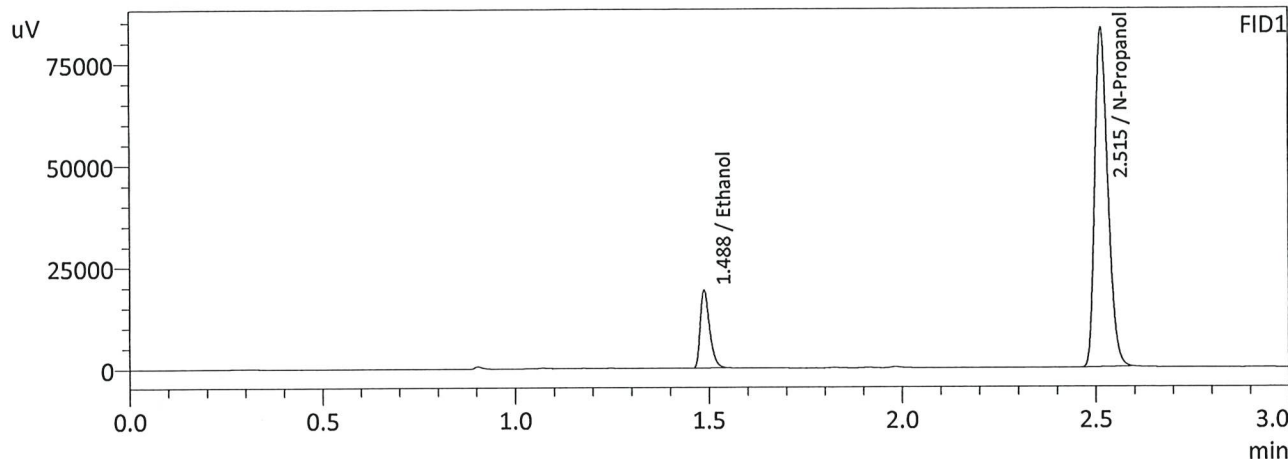
Refer To Instrument Method: ALCOHOL.GCM

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.

Sample Name : QC-1-1
 Laboratory : Meridian
 Injection Date : 7/18/2024 4:01:24 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

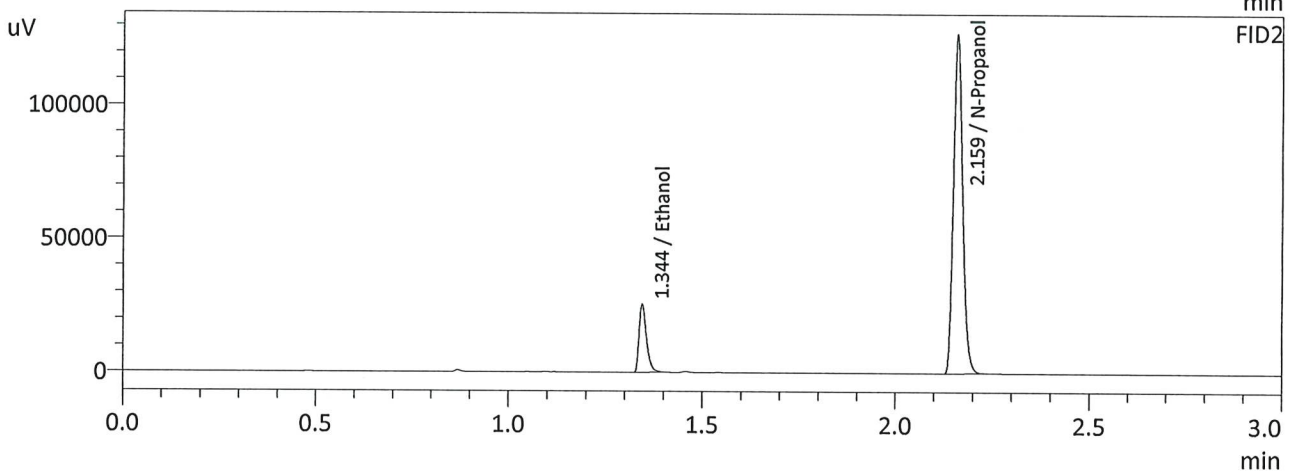
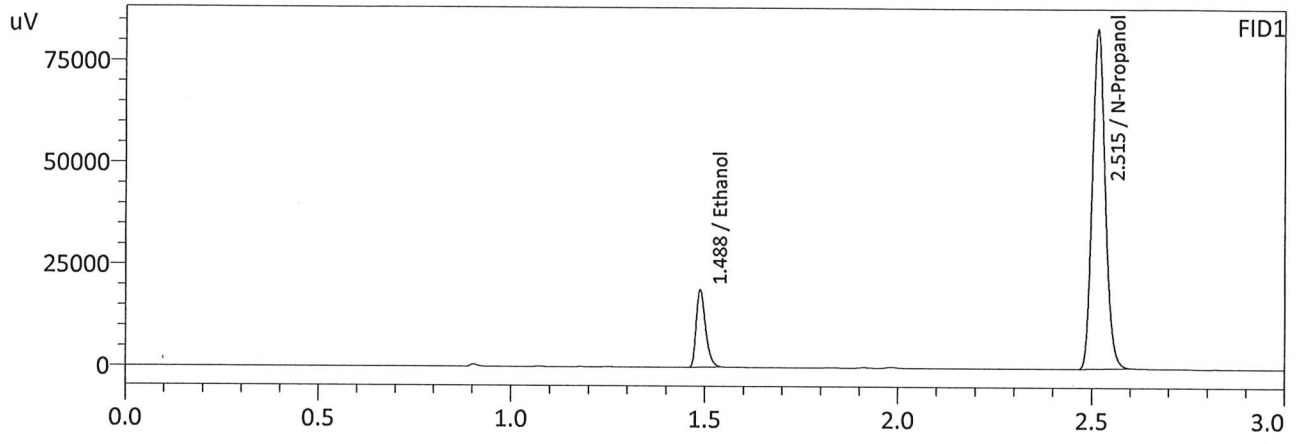
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0793	31698	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	194416	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0792	34268	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	209973	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : QC-1-1-B
 Laboratory : Meridian
 Injection Date : 7/18/2024 4:10:16 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0790	31546	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	194412	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0789	34118	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	210096	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 7/18/2024 4:17:44 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0788	0.0787	0.0001	0.0787	0.0039	0.0807
(g/100cc)	0.0829	0.0824	0.0005	0.0826		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.GCM

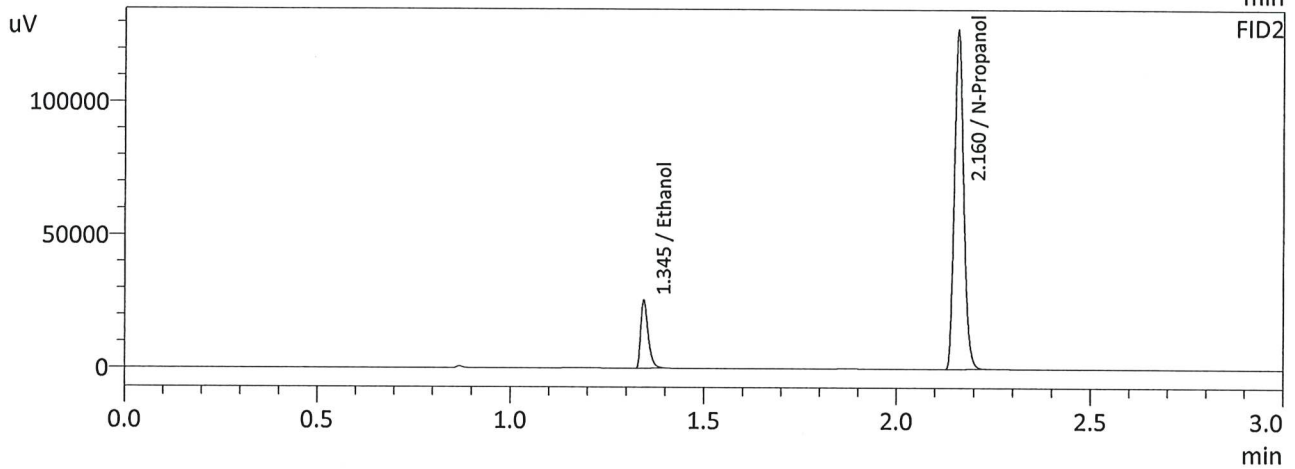
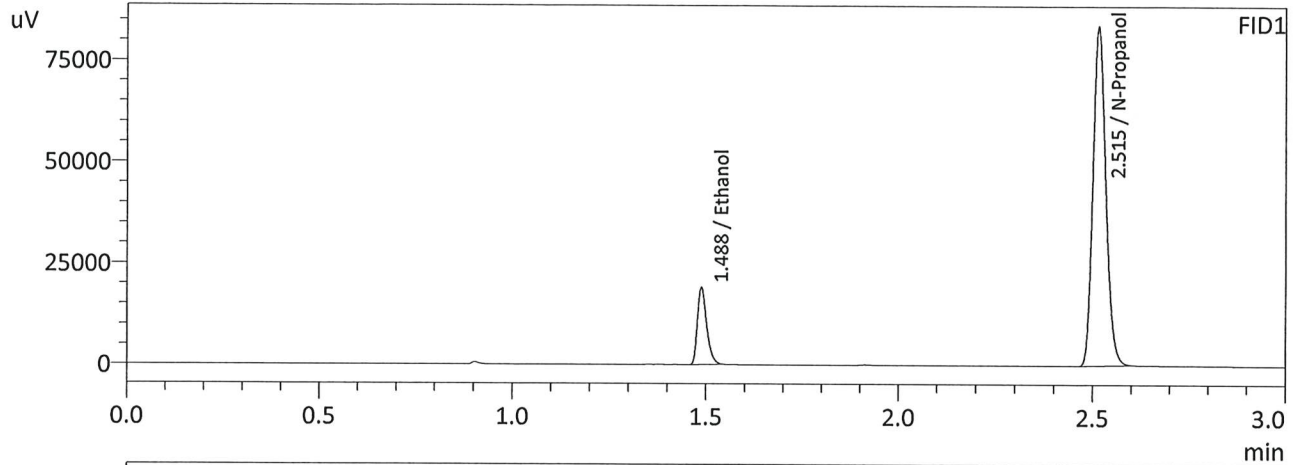
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

Reported Results	
0.080	

Calibration and control data are stored centrally.

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Sample Name : 0.08 QA
 Laboratory : Meridian
 Injection Date : 7/18/2024 4:17:44 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

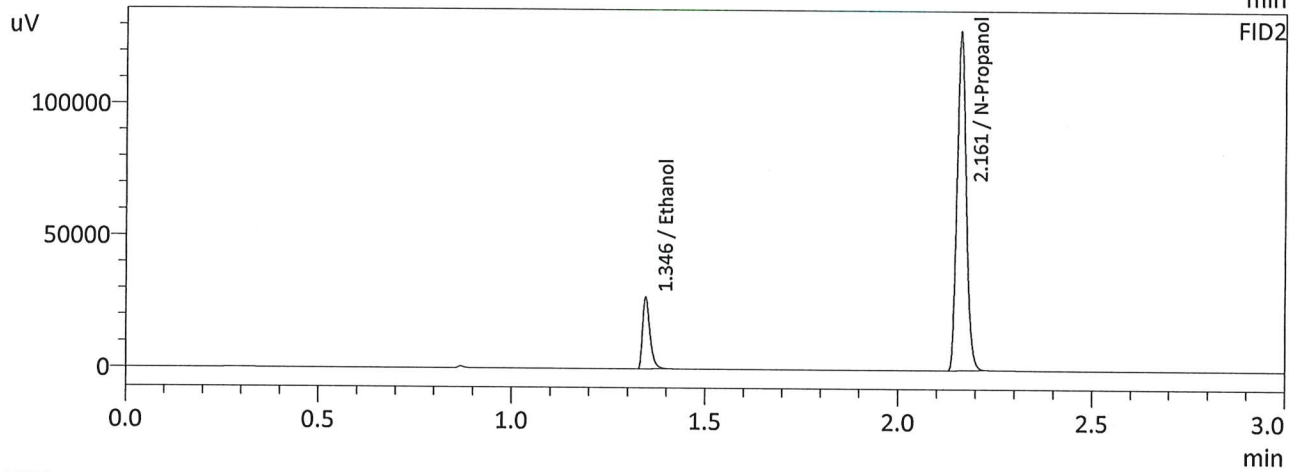
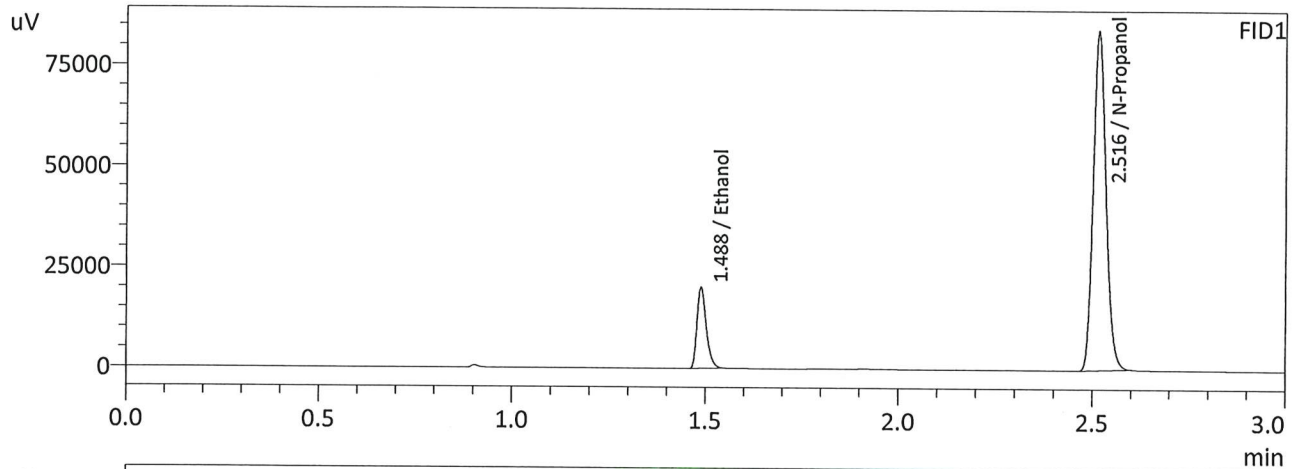
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0788	31603	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	195282	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0787	34208	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	211211	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JK

Sample Name : 0.08 QA-B
 Laboratory : Meridian
 Injection Date : 7/18/2024 4:26:06 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0829	33565	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196441	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0824	36238	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	212842	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 7/18/2024 6:58:32 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1819	0.1817	0.0002	0.1818	0.0072	0.1854
(g/100cc)	0.1891	0.1889	0.0002	0.1890		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.GCM

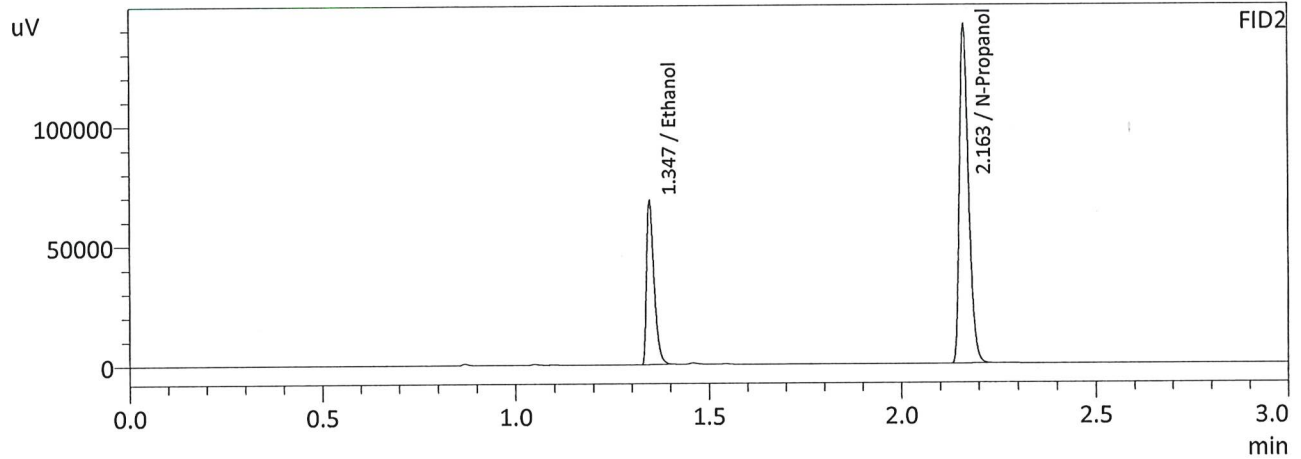
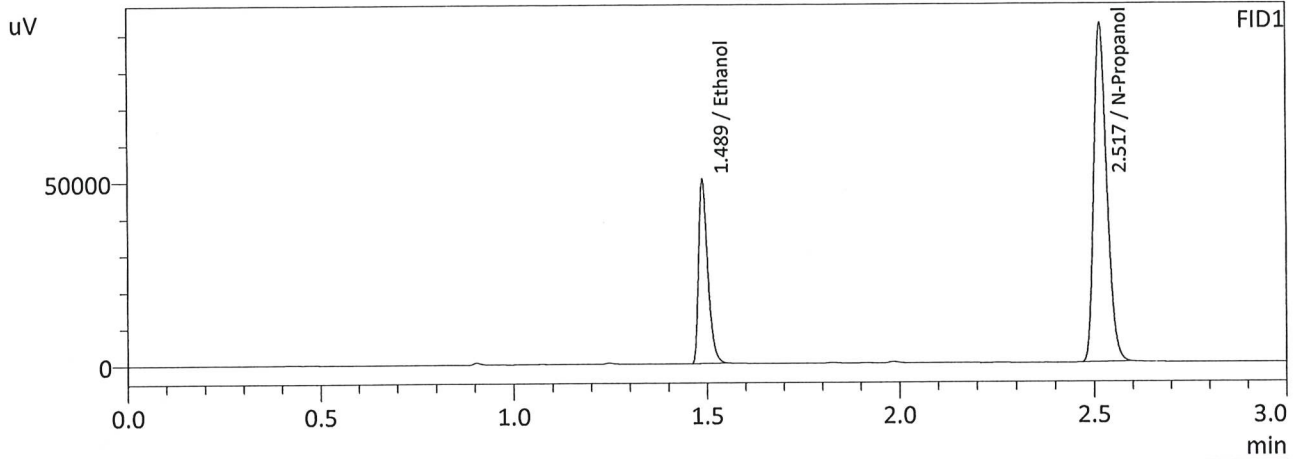
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.185	0.175	0.195	0.010

Reported Results	
0.185	

Calibration and control data are stored centrally.

JU

Sample Name : QC-2-1
 Laboratory : Meridian
 Injection Date : 7/18/2024 6:58:32 PM
 Vial # : 25
 Method Filename : Default Project - ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

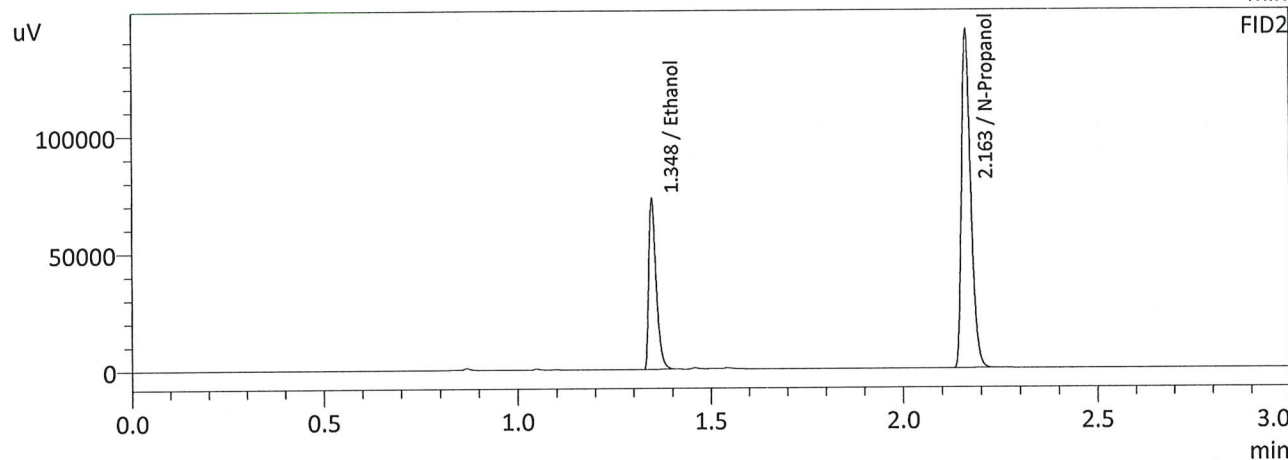
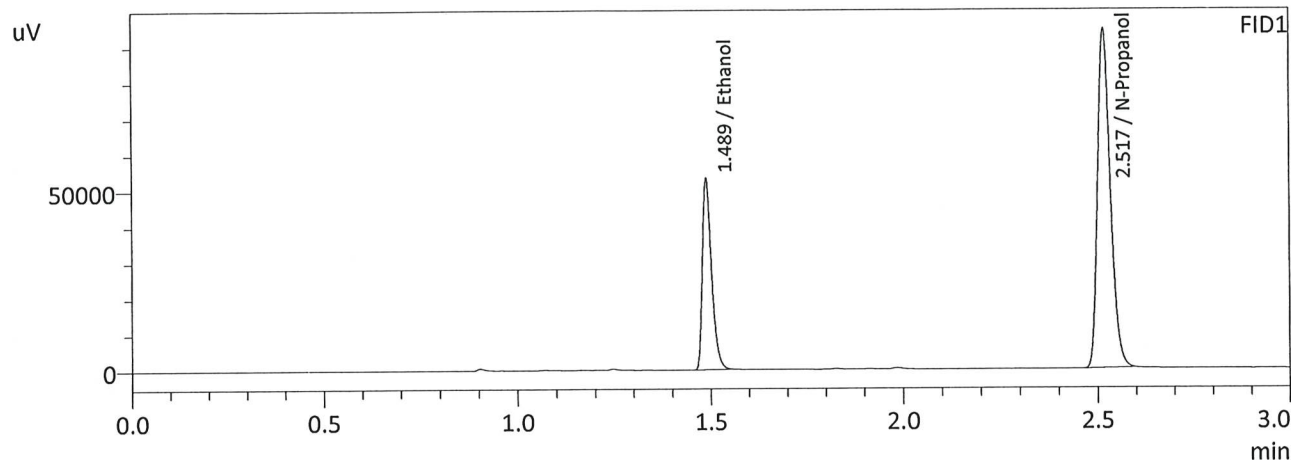
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1819	83395	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	215525	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1817	90614	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	233782	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JL

Sample Name : QC-2-1-B
 Laboratory : Meridian
 Injection Date : 7/18/2024 7:06:22 PM
 Vial # : 26
 Method Filename : Default Project - ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1891	88598	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	219970	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1889	96286	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	238711	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JL

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2		Analysis Date(s): 7/18/2024 9:54:25 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0820	0.0818	0.0002	0.0819	0.0010	0.0824
(g/100cc)	0.0830	0.0828	0.0002	0.0829		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.GCM

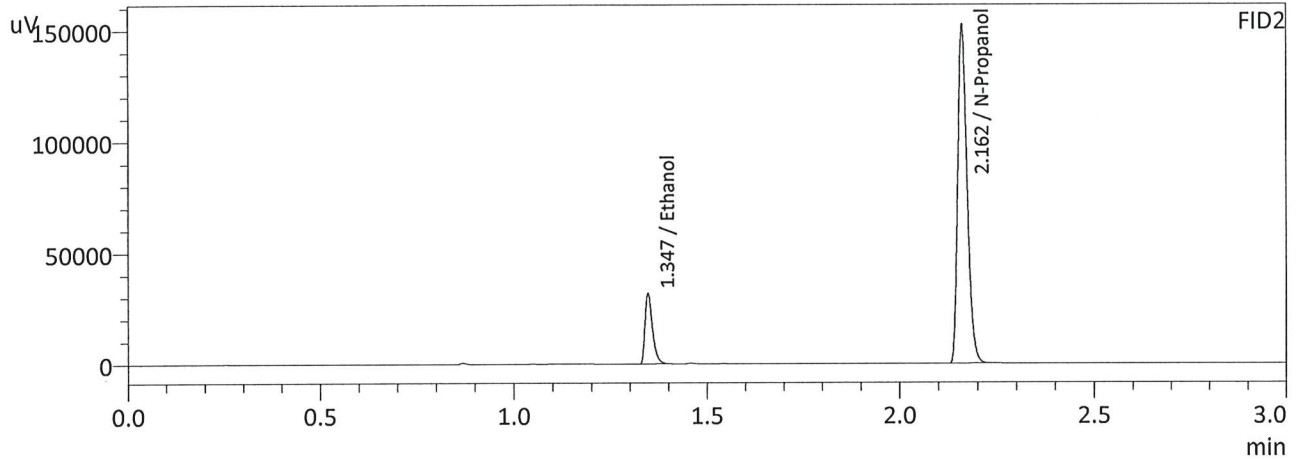
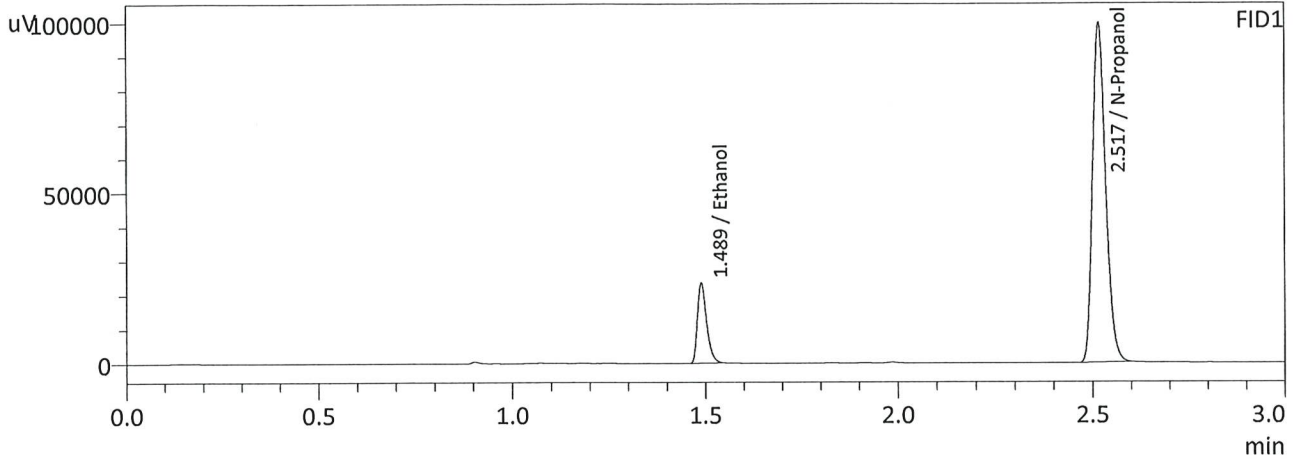
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

Reported Results	
0.082	

Calibration and control data are stored centrally.

JL

Sample Name : QC-1-2
 Laboratory : Meridian
 Injection Date : 7/18/2024 9:54:25 PM
 Vial # : 47
 Method Filename : Default Project - ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

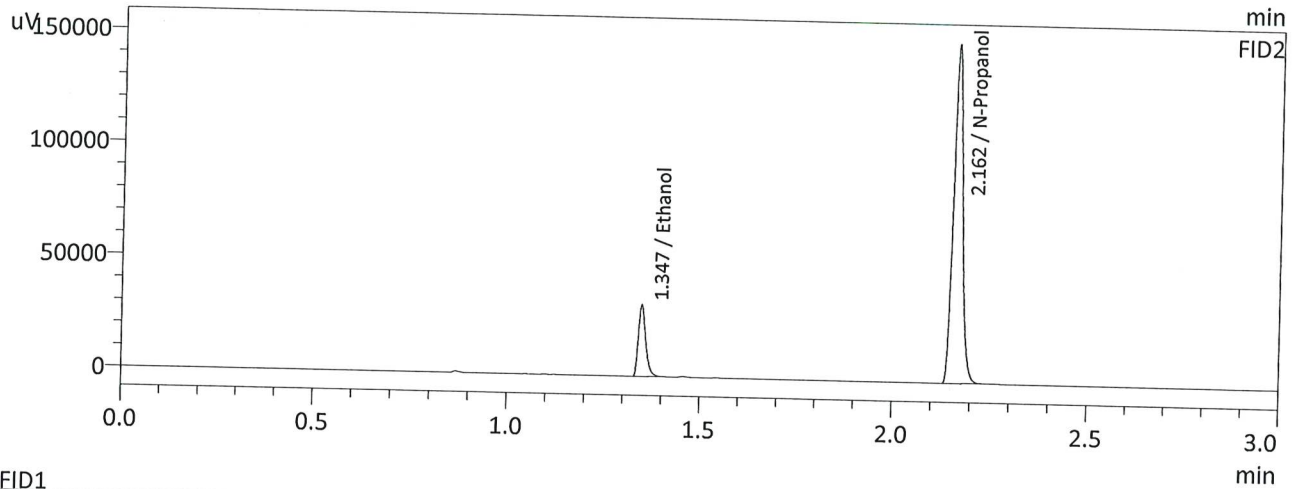
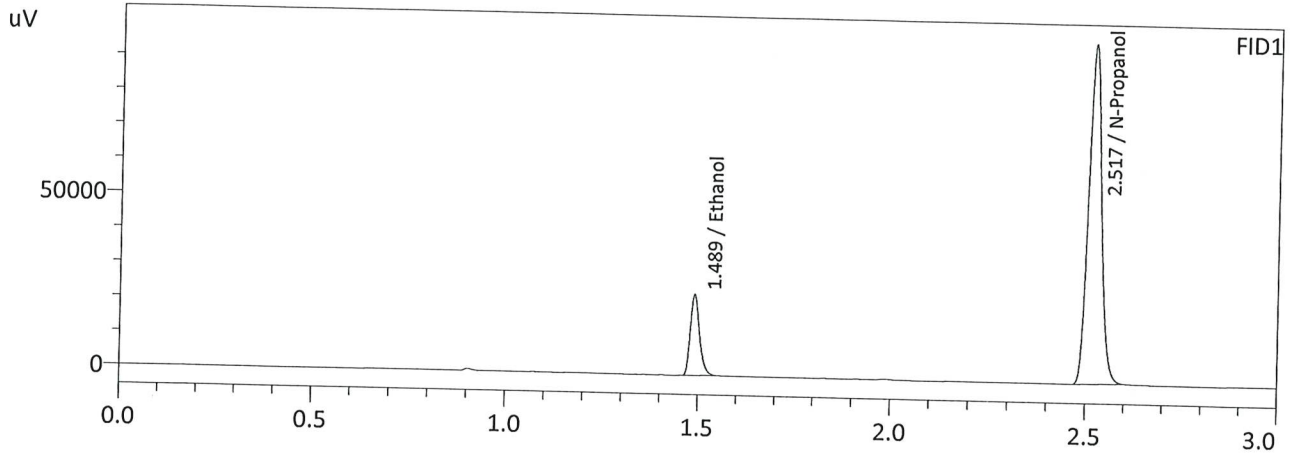
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0820	39279	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	232656	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0818	42539	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	252088	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JC

Sample Name : QC-1-2-B
 Laboratory : Meridian
 Injection Date : 7/18/2024 10:03:38 PM
 Vial # : 48
 Method Filename : Default Project - ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0830	39124	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	228670	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0828	42393	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	247947	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2		Analysis Date(s): 7/18/2024 11:33:08 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1896	0.1894	0.0002	0.1895	0.0015	0.1902
(g/100cc)	0.1911	0.1910	0.0001	0.1910		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.GCM

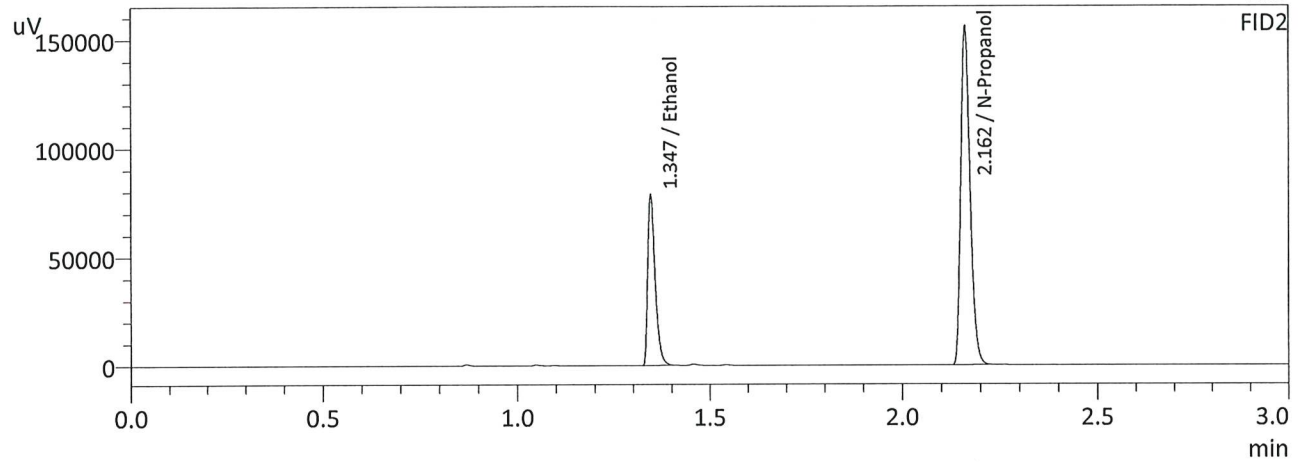
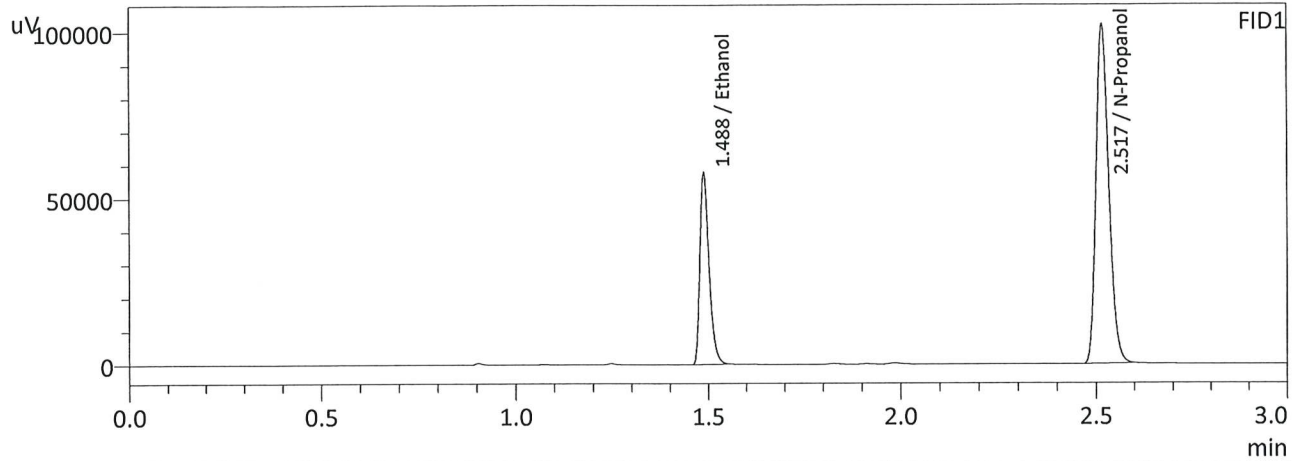
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.190	0.180	0.200	0.010

Reported Results	
0.190	

Calibration and control data are stored centrally.

JL

Sample Name : QC-2-2
 Laboratory : Meridian
 Injection Date : 7/18/2024 11:33:08 PM
 Vial # : 59
 Method Filename : Default Project - ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

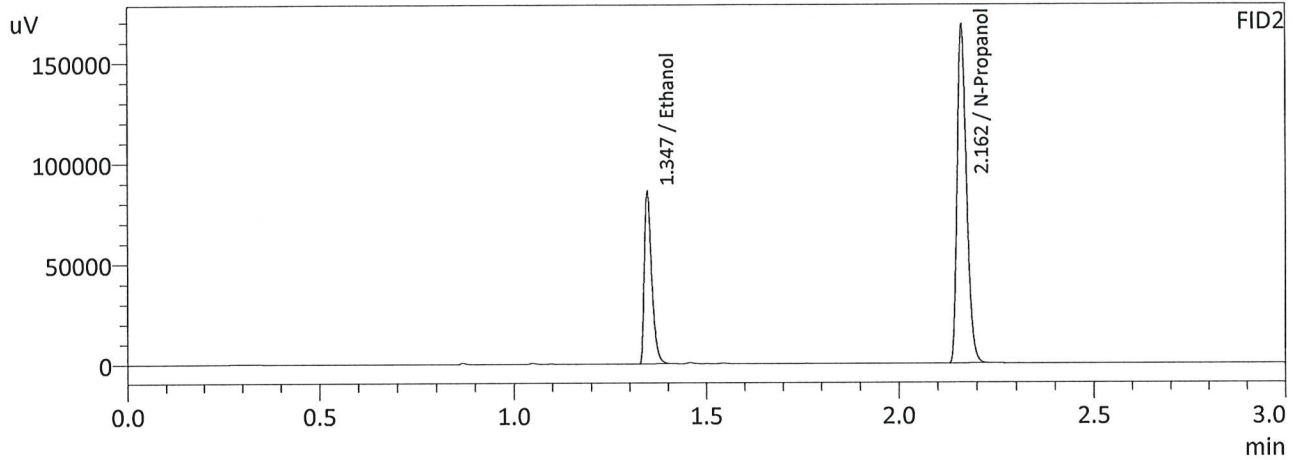
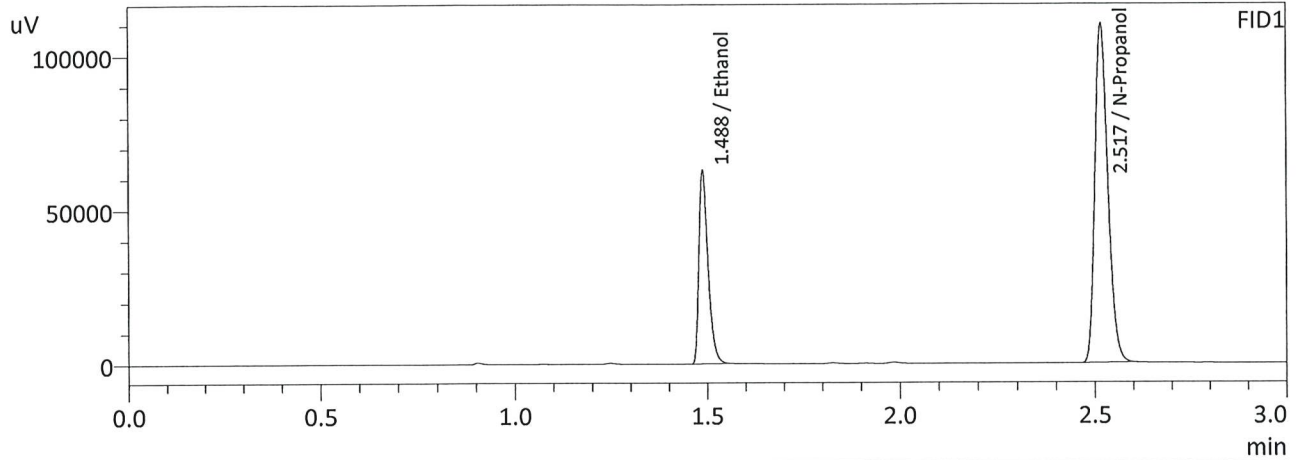
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1896	95908	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	237501	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1894	104118	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	257422	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JL

Sample Name : QC-2-2-B
 Laboratory : Meridian
 Injection Date : 7/18/2024 11:42:10 PM
 Vial # : 60
 Method Filename : Default Project - ALCOHOL.GCM
 Instrument #GC/HS : C12255750548 / C12595800409



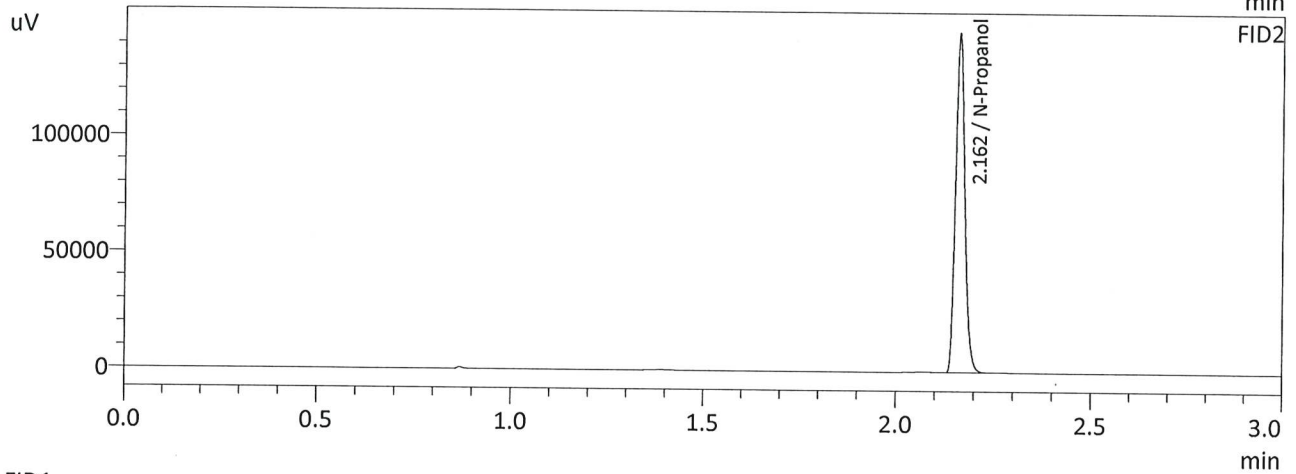
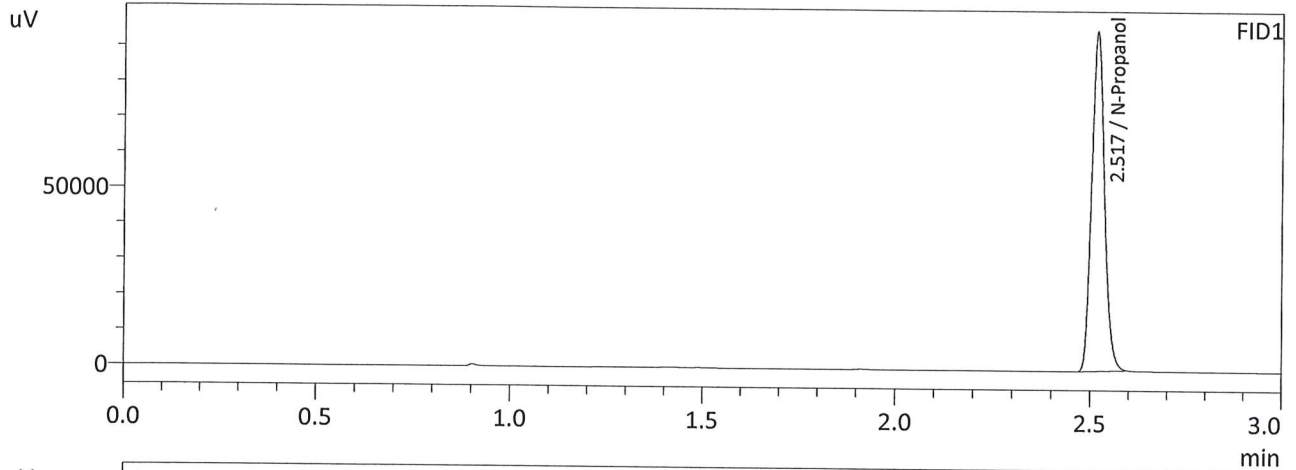
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1911	104449	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	256533	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1910	113472	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	278053	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : ISTD BLK 2
 Laboratory : Meridian
 Injection Date : 7/18/2024 11:49:26 PM
 Vial # : 61
 Method Filename : Default Project - ALCOHOL.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	222771	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	241416	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JG

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
 Shimadzu HS-20 Serial #C12595800409
 Lab Solutions Database Software Ver. 6.111
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Vial#	Sample Name	Sample Type	Level#	Method File
1	ISTD BLK 1	0:Unknown	0	ALCOHOL.GCM
2	ED VOLATILES FN 0604	0:Unknown	1	ALCOHOL.GCM
3	QC-1-1	0:Unknown	0	ALCOHOL.GCM
4	QC-1-1-B	0:Unknown	0	ALCOHOL.GCM
5	0.08 QA	0:Unknown	0	ALCOHOL.GCM
6	0.08 QA-B	0:Unknown	0	ALCOHOL.GCM
7	M2024-2791-1	0:Unknown	0	ALCOHOL.GCM
8	M2024-2791-1-B	0:Unknown	0	ALCOHOL.GCM
9	M2024-2792-1	0:Unknown	0	ALCOHOL.GCM
10	M2024-2792-1-B	0:Unknown	0	ALCOHOL.GCM
11	M2024-2793-1	0:Unknown	0	ALCOHOL.GCM
12	M2024-2793-1-B	0:Unknown	0	ALCOHOL.GCM
13	M2024-2794-1	0:Unknown	0	ALCOHOL.GCM
14	M2024-2794-1-B	0:Unknown	0	ALCOHOL.GCM
15	M2024-2802-1	0:Unknown	0	ALCOHOL.GCM
16	M2024-2802-1-B	0:Unknown	0	ALCOHOL.GCM
17	M2024-2808-1	0:Unknown	0	ALCOHOL.GCM
18	M2024-2808-1-B	0:Unknown	0	ALCOHOL.GCM
19	M2024-2819-1	0:Unknown	0	ALCOHOL.GCM
20	M2024-2819-1-B	0:Unknown	0	ALCOHOL.GCM
21	M2024-2820-1	0:Unknown	0	ALCOHOL.GCM
22	M2024-2820-1-B	0:Unknown	0	ALCOHOL.GCM
23	M2024-2821-1	0:Unknown	0	ALCOHOL.GCM
24	M2024-2821-1-B	0:Unknown	0	ALCOHOL.GCM
25	QC-2-1	0:Unknown	0	ALCOHOL.GCM
26	QC-2-1-B	0:Unknown	0	ALCOHOL.GCM
27	M2024-2822-1	0:Unknown	0	ALCOHOL.GCM
28	M2024-2822-1-B	0:Unknown	0	ALCOHOL.GCM
29	M2024-2823-1	0:Unknown	0	ALCOHOL.GCM
30	M2024-2823-1-B	0:Unknown	0	ALCOHOL.GCM
31	M2024-2824-1	0:Unknown	0	ALCOHOL.GCM
32	M2024-2824-1-B	0:Unknown	0	ALCOHOL.GCM
33	M2024-2825-1	0:Unknown	0	ALCOHOL.GCM
34	M2024-2825-1-B	0:Unknown	0	ALCOHOL.GCM
35	M2024-2846-1	0:Unknown	0	ALCOHOL.GCM
36	M2024-2846-1-B	0:Unknown	0	ALCOHOL.GCM
37	M2024-2869-2	0:Unknown	0	ALCOHOL.GCM
38	M2024-2869-2-B	0:Unknown	0	ALCOHOL.GCM
39	M2024-2886-1	0:Unknown	0	ALCOHOL.GCM
40	M2024-2886-1-B	0:Unknown	0	ALCOHOL.GCM
41	M2024-2887-1	0:Unknown	0	ALCOHOL.GCM
42	M2024-2887-1-B	0:Unknown	0	ALCOHOL.GCM
43	M2024-2887-2	0:Unknown	0	ALCOHOL.GCM
44	M2024-2887-2-B	0:Unknown	0	ALCOHOL.GCM
45	M2024-2890-1	0:Unknown	0	ALCOHOL.GCM
46	M2024-2890-1-B	0:Unknown	0	ALCOHOL.GCM
47	QC-1-2	0:Unknown	0	ALCOHOL.GCM
48	QC-1-2-B	0:Unknown	0	ALCOHOL.GCM
49	M2024-2907-1	0:Unknown	0	ALCOHOL.GCM
50	M2024-2907-1-B	0:Unknown	0	ALCOHOL.GCM
51	M2024-2908-1	0:Unknown	0	ALCOHOL.GCM
52	M2024-2908-1-B	0:Unknown	0	ALCOHOL.GCM
53	M2024-2923-1	0:Unknown	0	ALCOHOL.GCM
54	M2024-2923-1-B	0:Unknown	0	ALCOHOL.GCM
55	M2024-2926-1	0:Unknown	0	ALCOHOL.GCM
56	M2024-2926-1-B	0:Unknown	0	ALCOHOL.GCM
57	P2024-1881-1 -2	0:Unknown	0	ALCOHOL.GCM
58	P2024-1881-1-B -2	0:Unknown	0	ALCOHOL.GCM
59	QC-2-2	0:Unknown	0	ALCOHOL.GCM

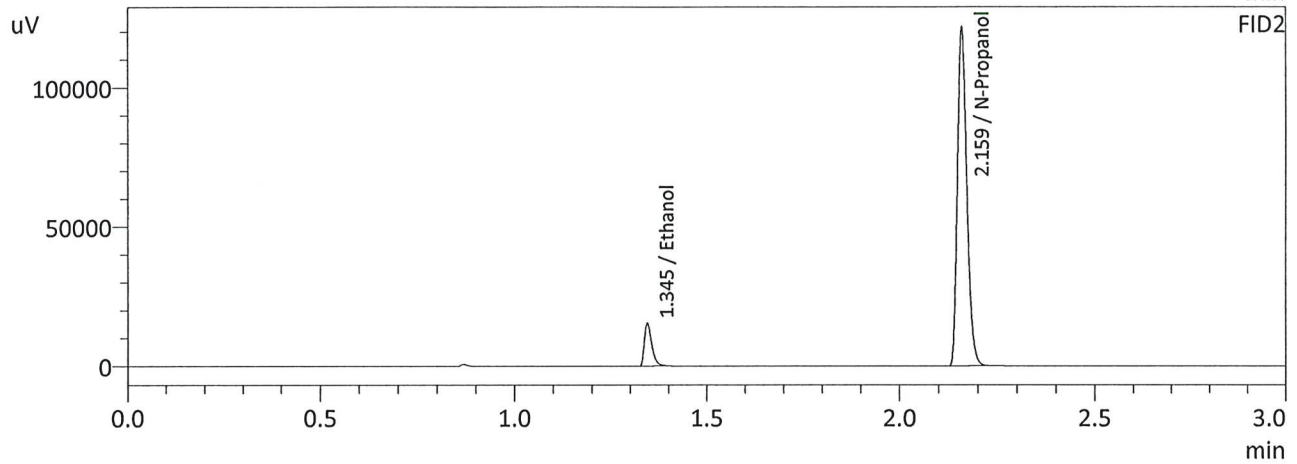
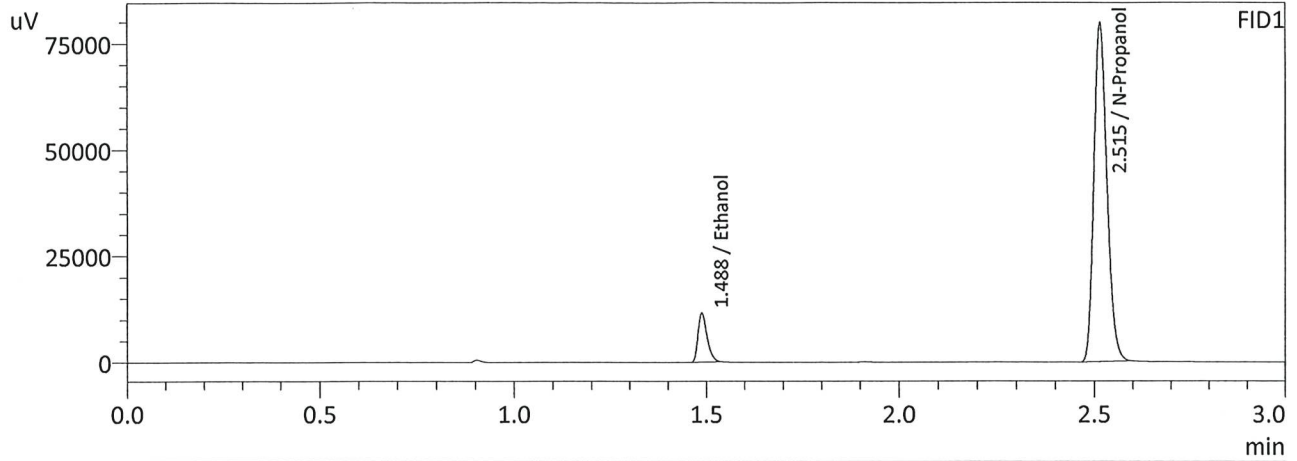
7/19/24

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Vial#	Sample Name	Sample Type	Level#	Method File
60	QC-2-2-B	0:Unknown	0	ALCOHOL.GCM
61	ISTD BLK 2	0:Unknown	0	ALCOHOL.GCM

Sample Name : 0.050
 Laboratory : Meridian
 Injection Date : 7/10/2024 11:47:06 AM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_240710_JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

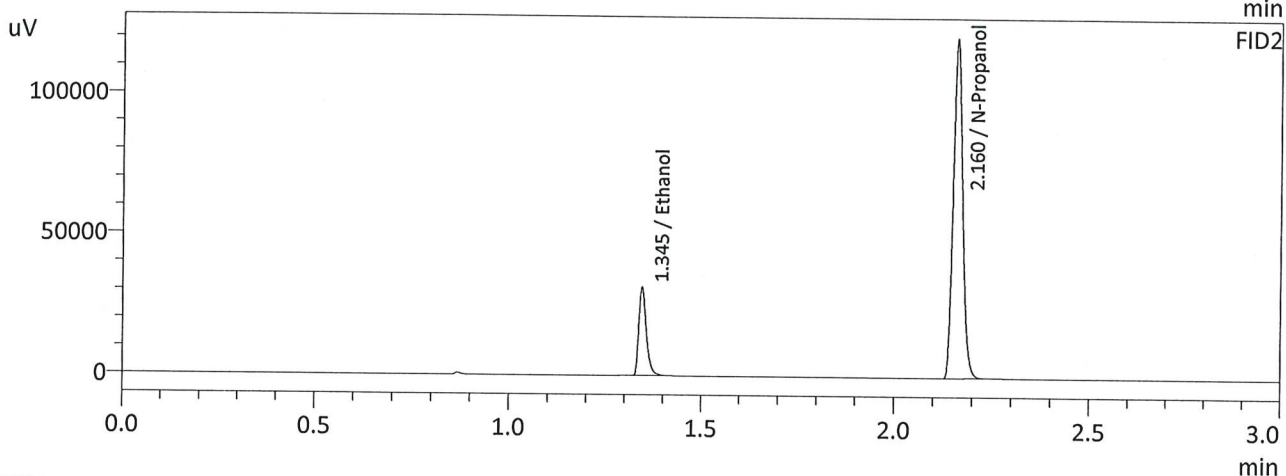
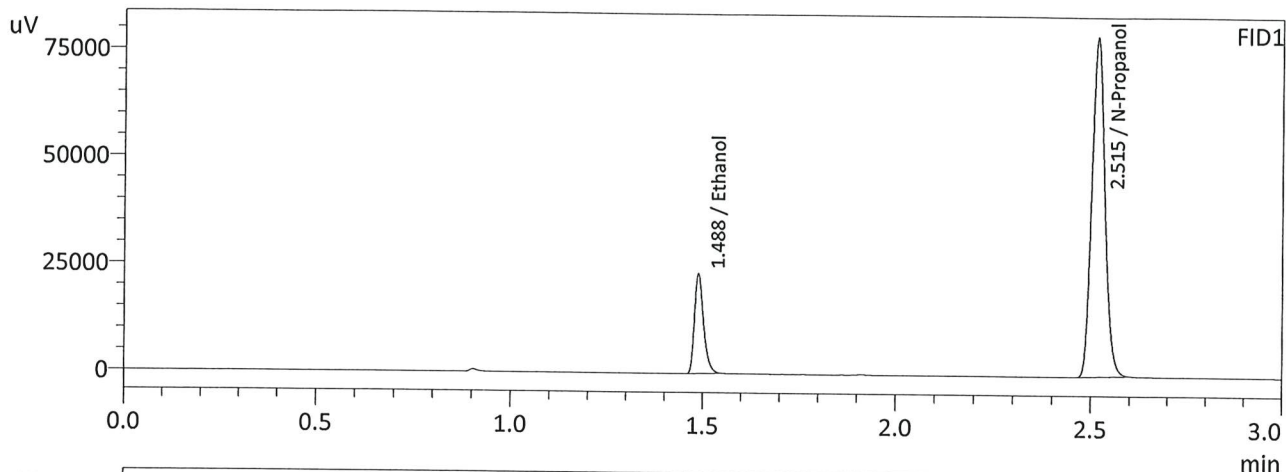
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0517	19122	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	186084	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0515	20634	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	201415	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JG

Sample Name : 0.100
 Laboratory : Meridian
 Injection Date : 7/10/2024 11:54:25 AM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_240710_JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

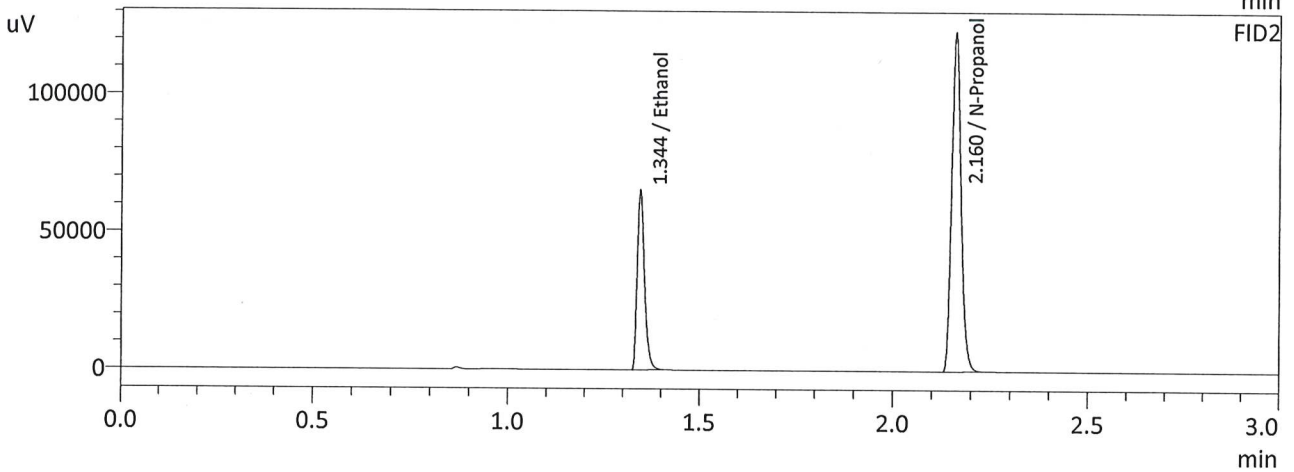
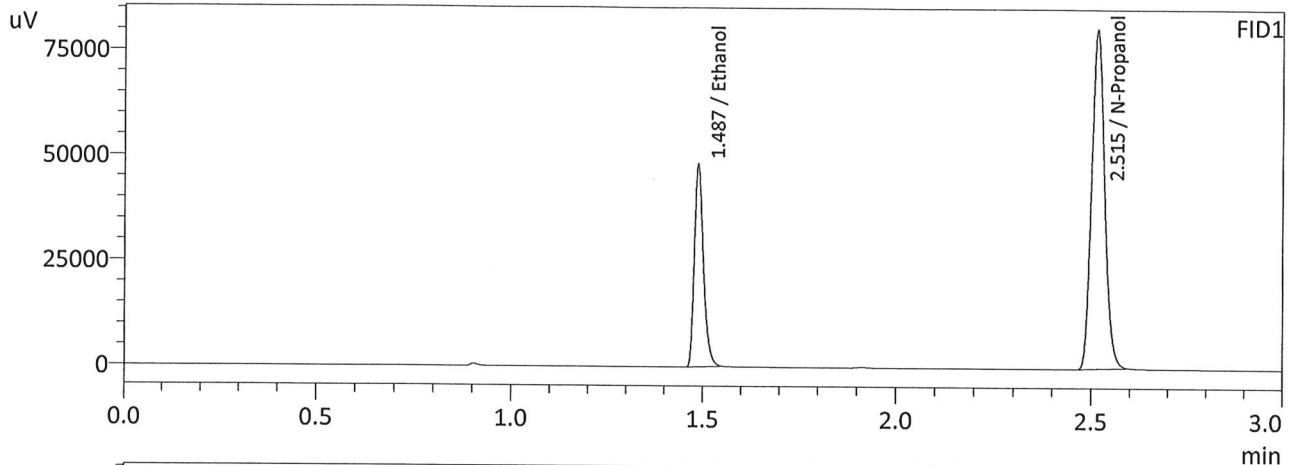
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1005	38630	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	184556	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1010	42146	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	199834	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JG

Sample Name : 0.200
 Laboratory : Meridian
 Injection Date : 7/10/2024 12:02:07 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_240710_JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

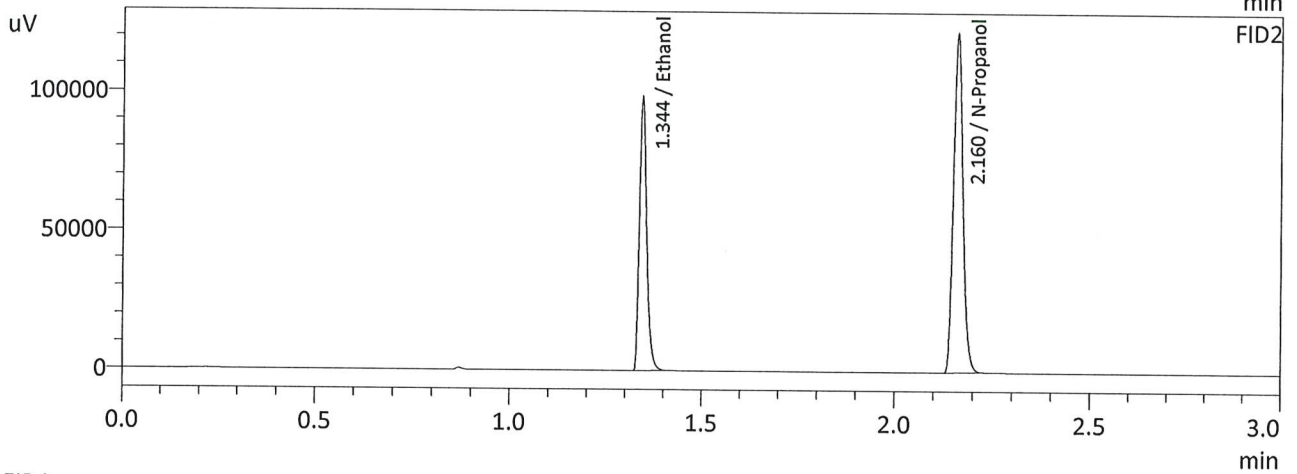
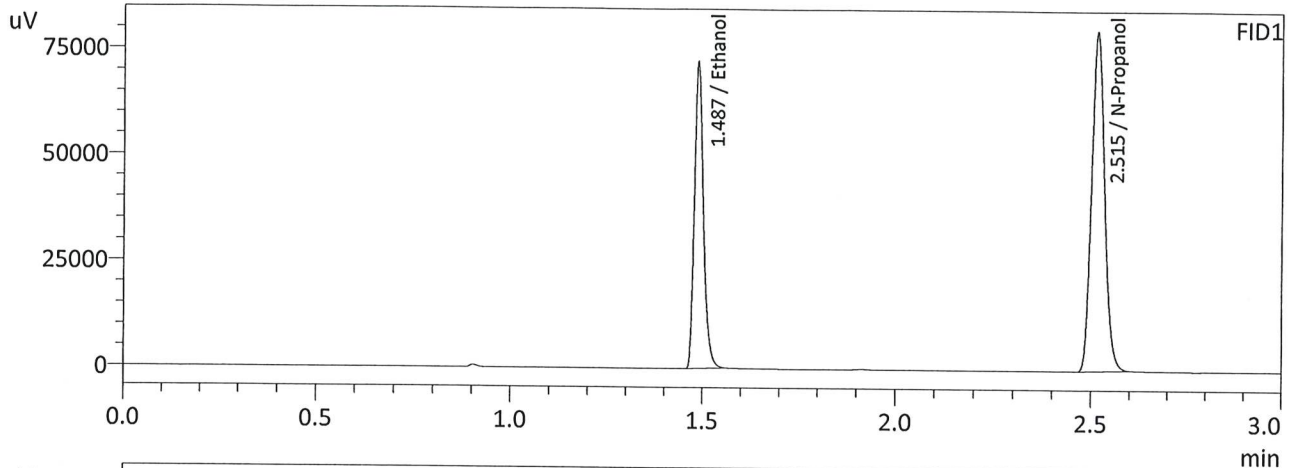
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1982	79719	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	188617	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1979	86439	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	204295	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JG

Sample Name : 0.300
 Laboratory : Meridian
 Injection Date : 7/10/2024 12:10:33 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_240710_JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

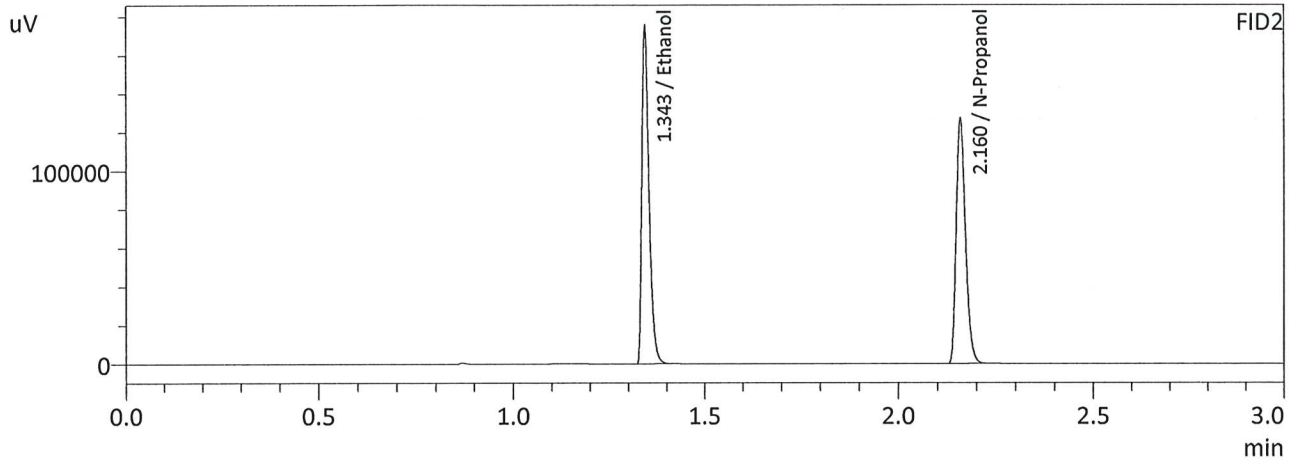
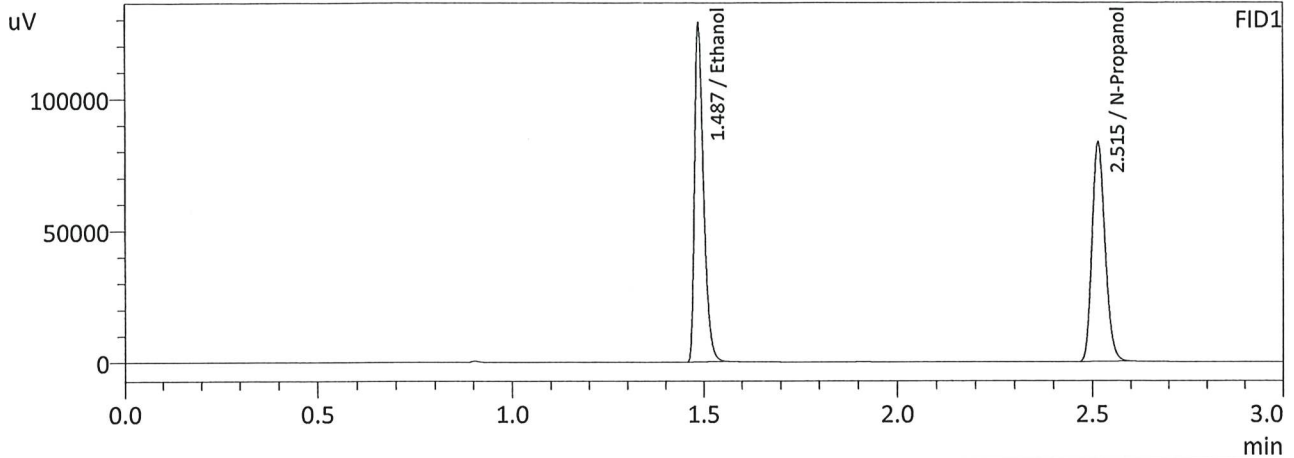
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2974	119398	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	186809	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2975	129522	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	201967	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JG

Sample Name : 0.500
 Laboratory : Meridian
 Injection Date : 7/10/2024 12:18:04 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_240710_JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

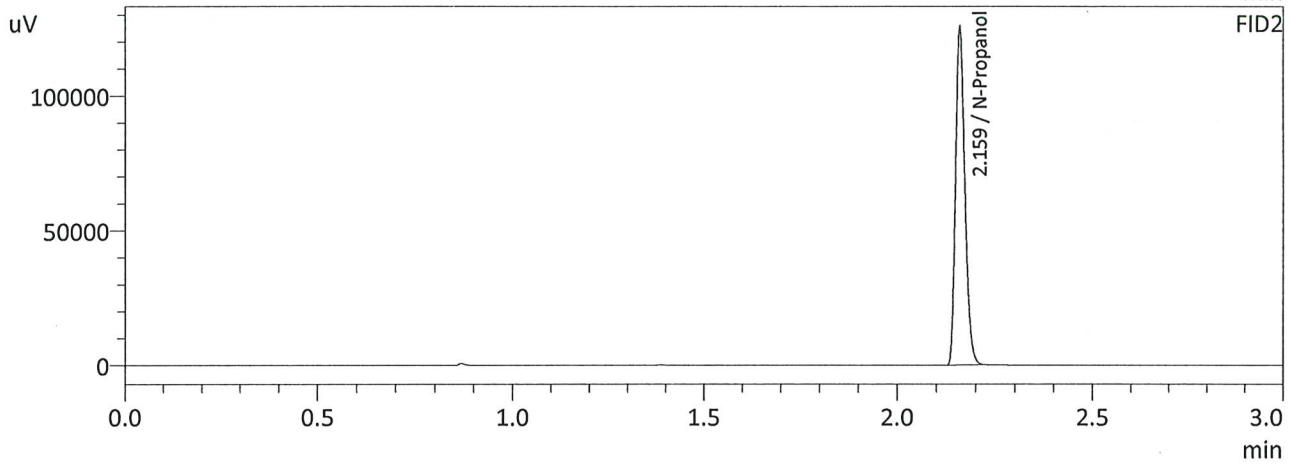
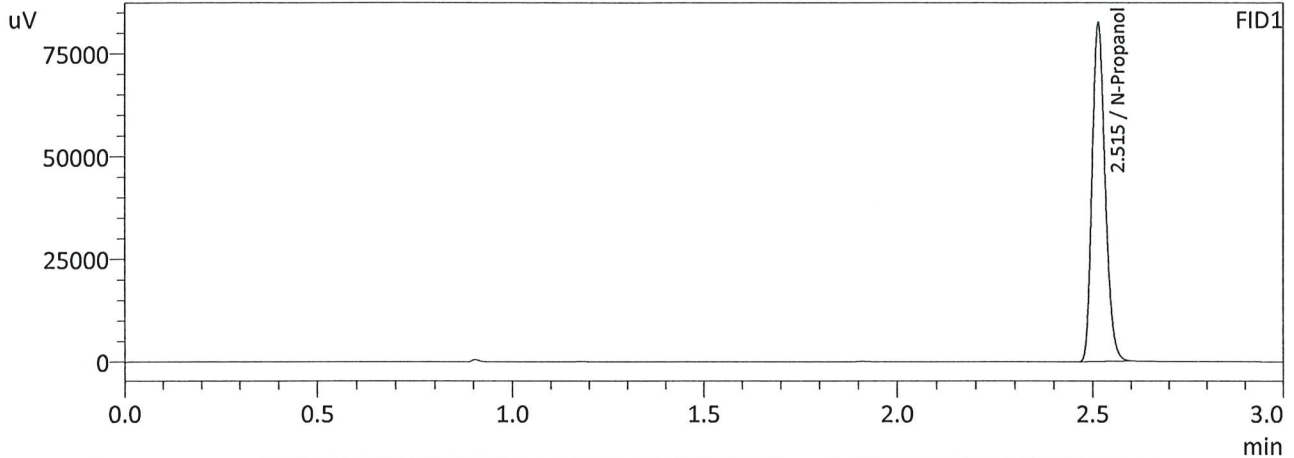
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5019	211367	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	194699	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5019	229310	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	210571	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JG

Sample Name : INT STD BLK
 Laboratory : Meridian
 Injection Date : 7/10/2024 12:26:51 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_240710_JG.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	192158	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

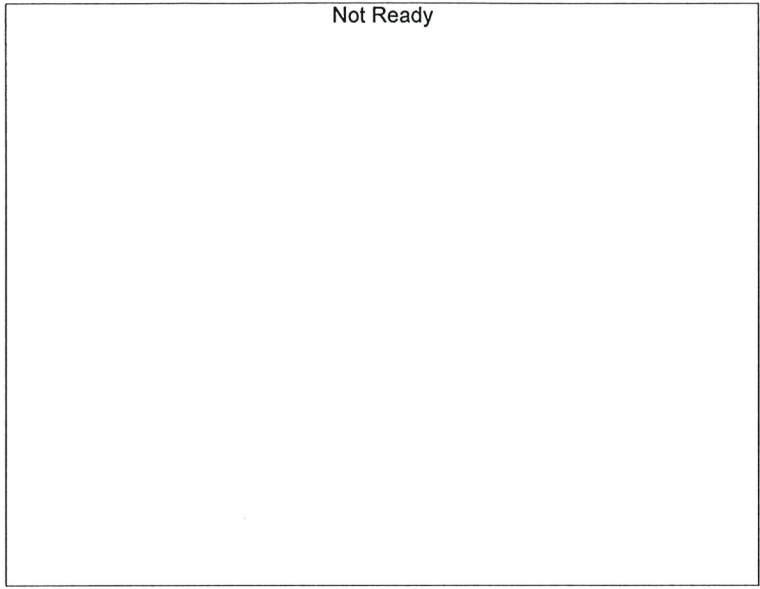
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	207831	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JG

Calibration Table

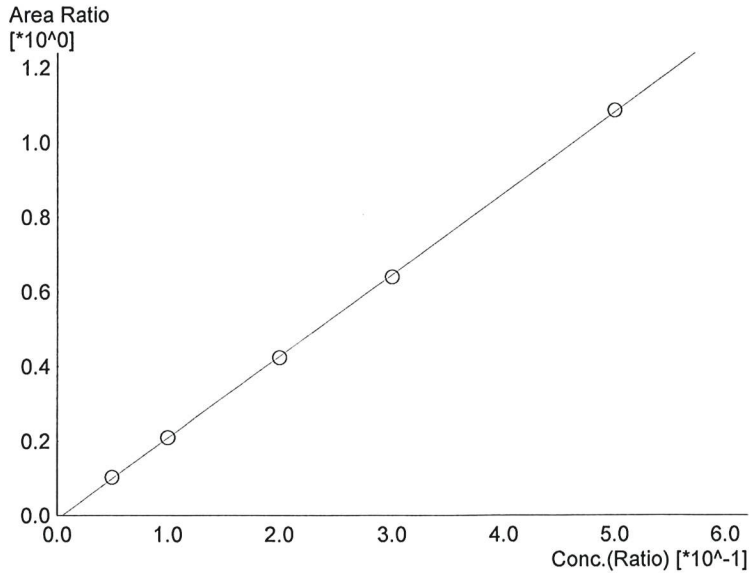
Laboratory : MERIDIAN
 Instrument Name : GC-BAC
 Instrument Serial # : C12595800409 / C12255750548

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 Method File :Default Project - ALCOHOL_240710_JG.gcm
 Batch File :Default Project - CALCURVE_240710_JG.gcb
 Date Acquired :7/10/2024 12:18:04 PM
 Date Created :7/10/2024 12:13:36 PM
 Date Modified :7/10/2024 12:21:06 PM



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

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



Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.18334*x-0.0102743$
 R² value= 0.9998698
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	19122	0.0517
2	0.100	38630	0.1005
3	0.200	79719	0.1982
4	0.300	119398	0.2974
5	0.500	211367	0.5019

JG



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

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



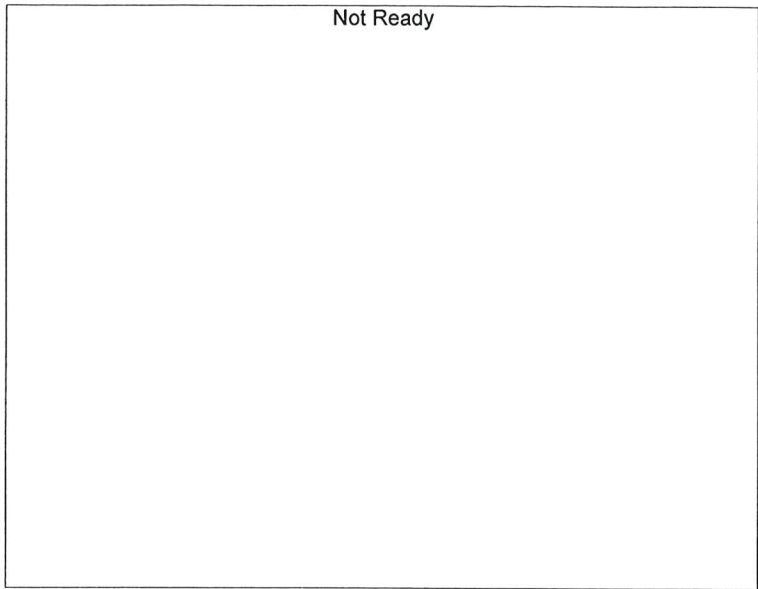
Name : Acetone
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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



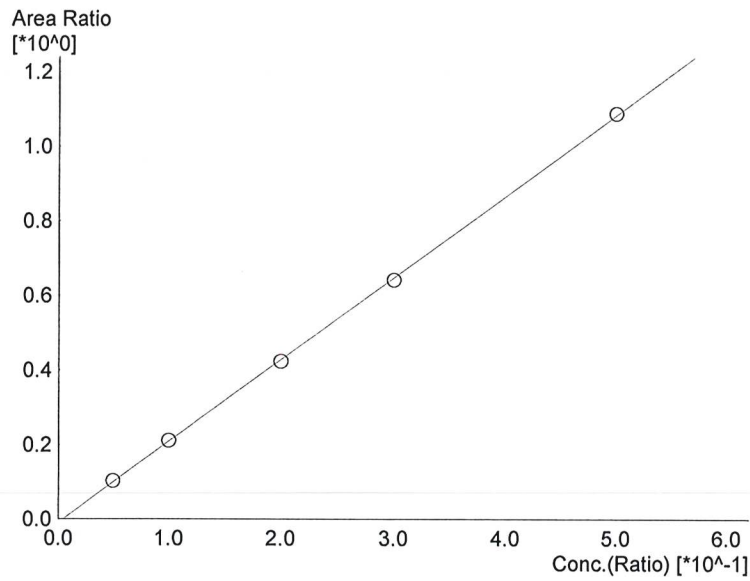
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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



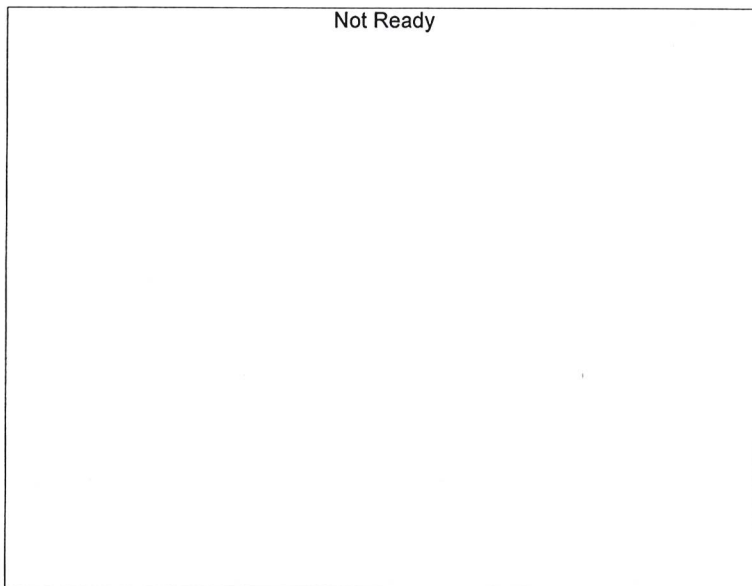
Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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



Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.19038*x-0.0104355$
 R² value= 0.9998633
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	20634	0.0515
2	0.100	42146	0.1010
3	0.200	86439	0.1979
4	0.300	129522	0.2975
5	0.500	229310	0.5019



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

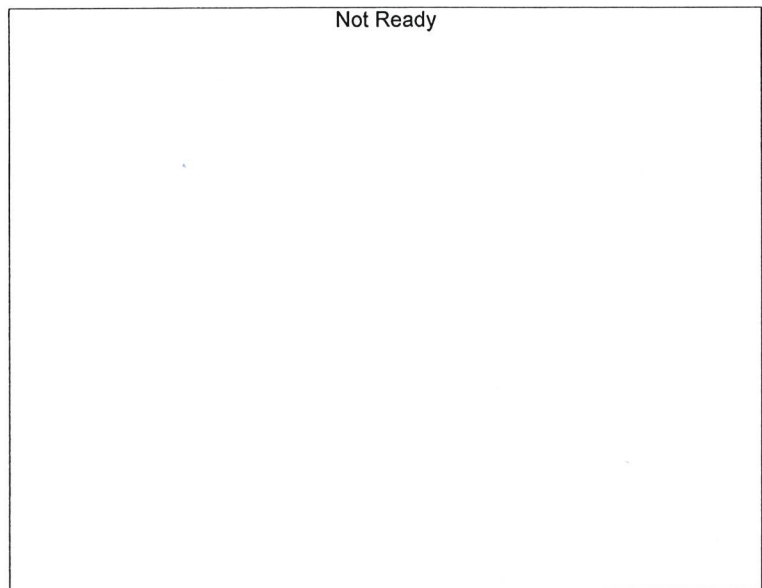
#	Conc.	Area	Std. Conc.
---	-------	------	------------

JC



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

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Database Software Ver. 6.111
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Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL 240710 JG.gcm
2	0.100	1:Standard	2	ALCOHOL 240710 JG.gcm
3	0.200	1:Standard	3	ALCOHOL 240710 JG.gcm
4	0.300	1:Standard	4	ALCOHOL 240710 JG.gcm
5	0.500	1:Standard	5	ALCOHOL 240710 JG.gcm
6	INT STD BLK	0:Unknown	0	ALCOHOL 240710 JG.gcm