

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): 11/29/23

Calibration Date: (if different) 11/17/23

Worklist #: 6586

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Feb-25	2101199	0.0808	0.0727-0.0889	0.0811 g/100cc
					0.0824 g/100cc
					g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2041 g/100cc
					0.2037 g/100cc
					g/100cc
Multi-Component mixture:		Exp:	Oct. 2024	Lot #	FN06041902
Curve Fit:			Column 1	0.99971	Column2 0.99969

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0528	0.0528	0	0.0528
100	0.100	0.090 - 0.110	0.1008	0.1009	0.0001	0.1008
200	0.200	0.180 - 0.220	0.1967	0.1965	0.0002	0.1966
300	0.300	0.270 - 0.330	0.2968	0.2968	0	0.2968
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5027	0.5028	1E-04	0.5027

Aqueous Controls

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

REVIEWED

By Melissa (Nikka) Bradley at 10:37 am, Nov 30, 2023

NB

JG

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

Internal Standard Monitoring Worksheet

Worklist #:	6586	Run Date(s):	11/29/23
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Internal Standard Solution:	Prep Date:	9/11/2023	Exp Date:	3/11/2024
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Sample Name	Column 1 Value	Column 2 Value
0.080	182135	197286
0.080	179625	194261
QC1	181379	196154
QC1	185332	201015
QC1	215168	233503
QC1	208254	225848
QC1		
QC1		
QC2	197388	213865
QC2	204395	221750
QC2	211267	229285
QC2	221376	240227
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	198631.9	158905.5	238358.3
Column 2	215319.4	172255.5	258383.3

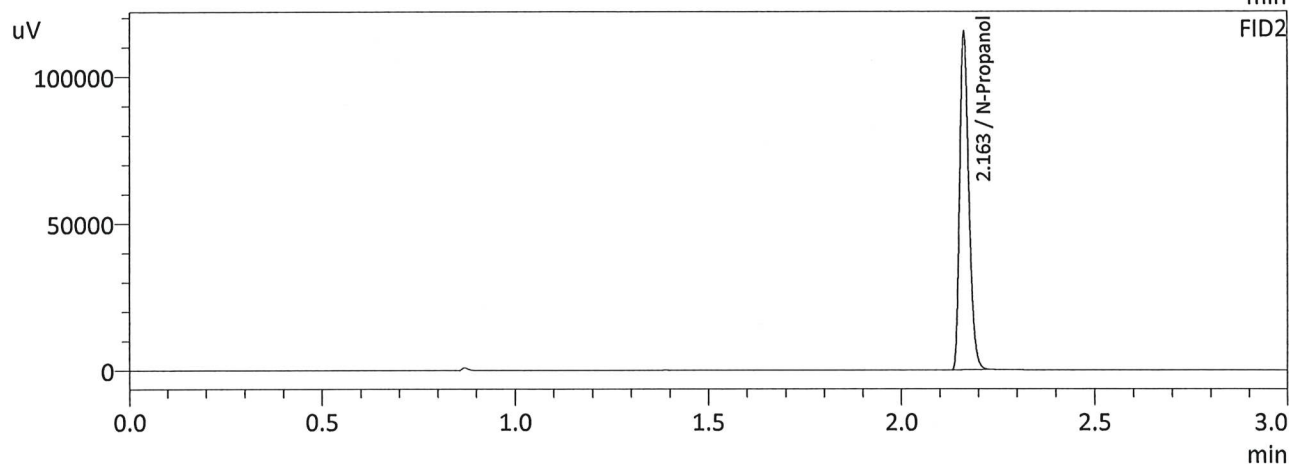
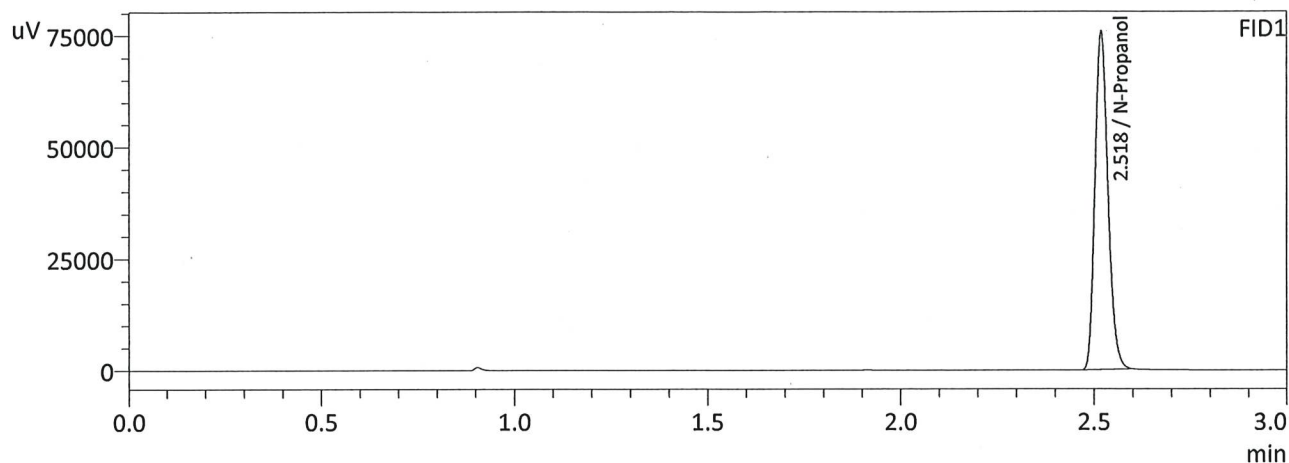
JG

Worklist: 6586

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-4862	1	BCK	Alcohol Analysis	
M2023-4966	1	BCK	Alcohol Analysis	
M2023-4967	1	BCK	Alcohol Analysis	
M2023-4968	1	BCK	Alcohol Analysis	
M2023-4969	1	BCK	Alcohol Analysis	
M2023-4981	1	BCK	Alcohol Analysis	
M2023-4982	1	BCK	Alcohol Analysis	
M2023-4990	1	BCK	Alcohol Analysis	
M2023-4992	1	BCK	Alcohol Analysis	
M2023-4993	1	BCK	Alcohol Analysis	
M2023-5033	1	BCK	Alcohol Analysis	
M2023-5042	1	BCK	Alcohol Analysis	
M2023-5064	1	BCK	Alcohol Analysis	
M2023-5072	1	BCK	Alcohol Analysis	
M2023-5072	2	BCK	Alcohol Analysis	
M2023-5084	1	BCK	Alcohol Analysis	
M2023-5085	1	BCK	Alcohol Analysis	
M2023-5086	1	BCK	Alcohol Analysis	
P2023-3502	2	BCK	Alcohol Analysis	

Jc

Sample Name : ISTD BLK 1
 Laboratory : Meridian
 Injection Date : 11/29/2023 11:31:29 AM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



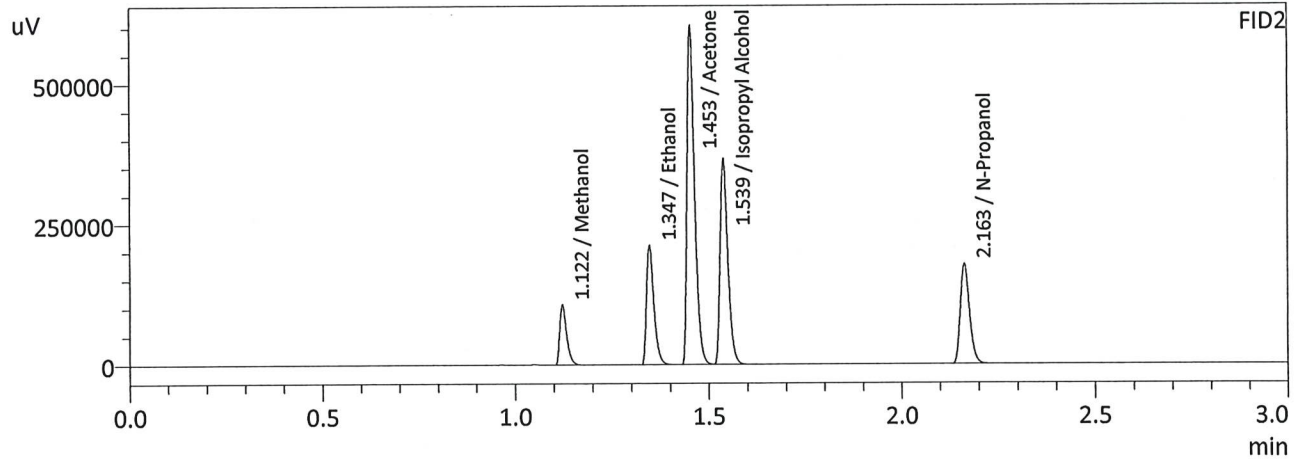
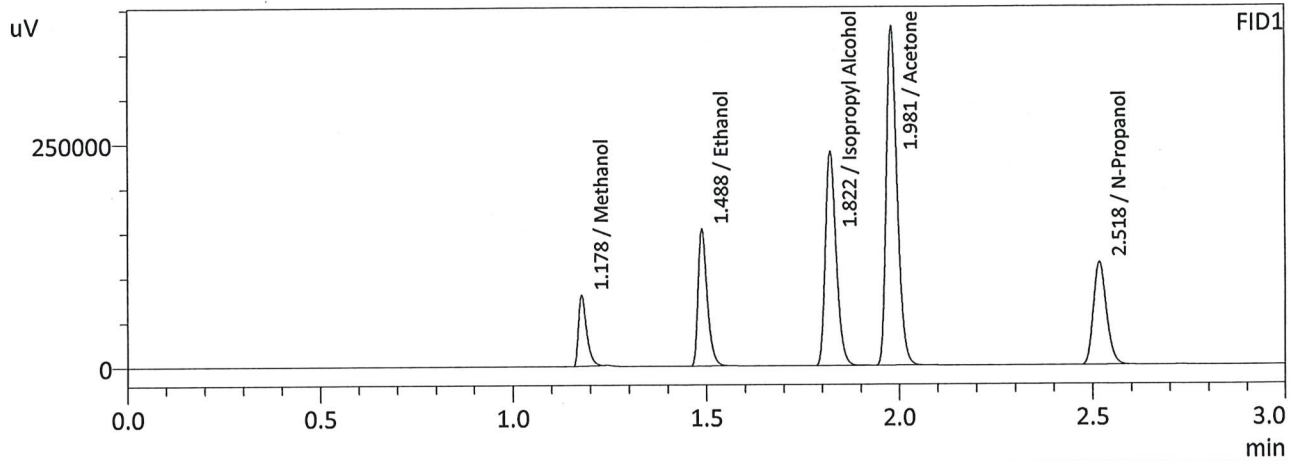
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	176775	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	191041	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : MIXED VOLATILES FN 06041902
 Laboratory : Meridian
 Injection Date : 11/29/2023 11:38:50 AM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	116812	g/100cc
Ethanol	0.4260	253383	g/100cc
Isopropyl Alcohol	0.0000	467560	g/100cc
Acetone	0.0000	743400	g/100cc
N-Propanol	0.0000	267994	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	131900	g/100cc
Ethanol	0.4280	277836	g/100cc
Acetone	0.0000	810794	g/100cc
Isopropyl Alcohol	0.0000	506752	g/100cc
N-Propanol	0.0000	291406	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Jc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1

Analysis Date(s): 11/29/2023 11:46:30 AM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0804	0.0799	0.0005	0.0801	0.0019	0.0811
(g/100cc)	0.0820	0.0821	0.0001	0.0820		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_111723JG.gcm

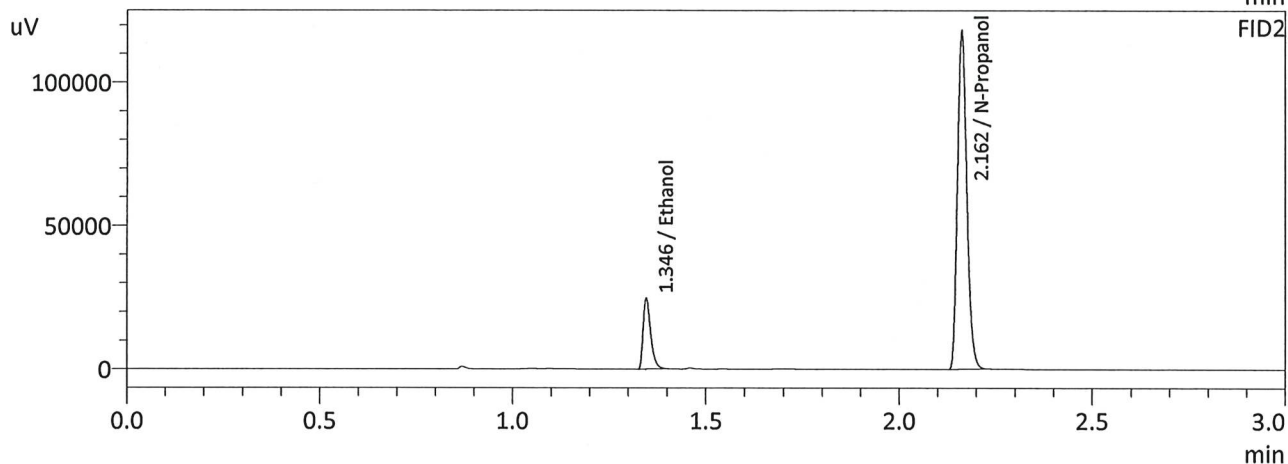
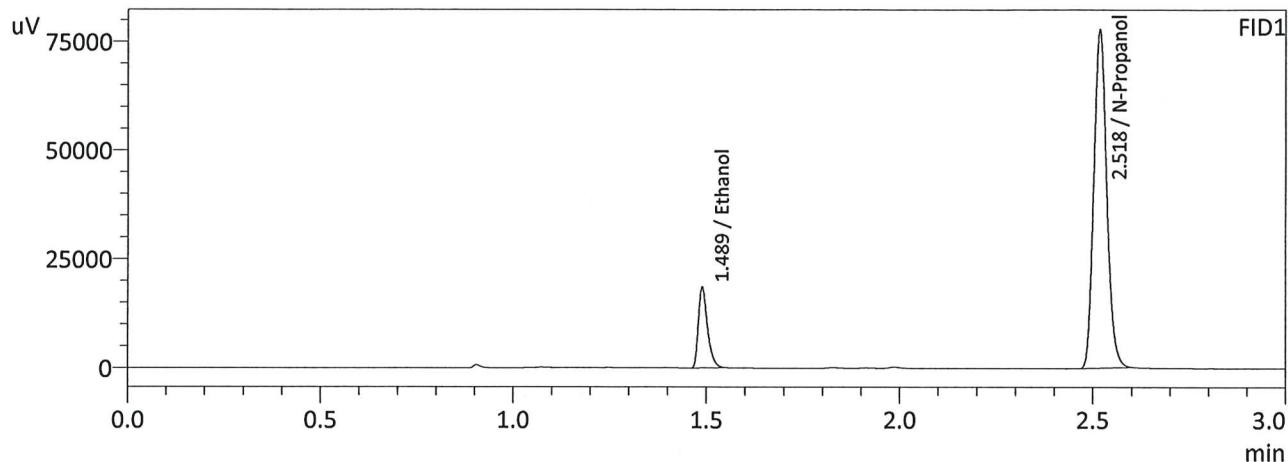
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

Reported Results	
0.081	

Calibration and control data are stored centrally.

Jc

Sample Name : QC-1-1
 Laboratory : Meridian
 Injection Date : 11/29/2023 11:46:30 AM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



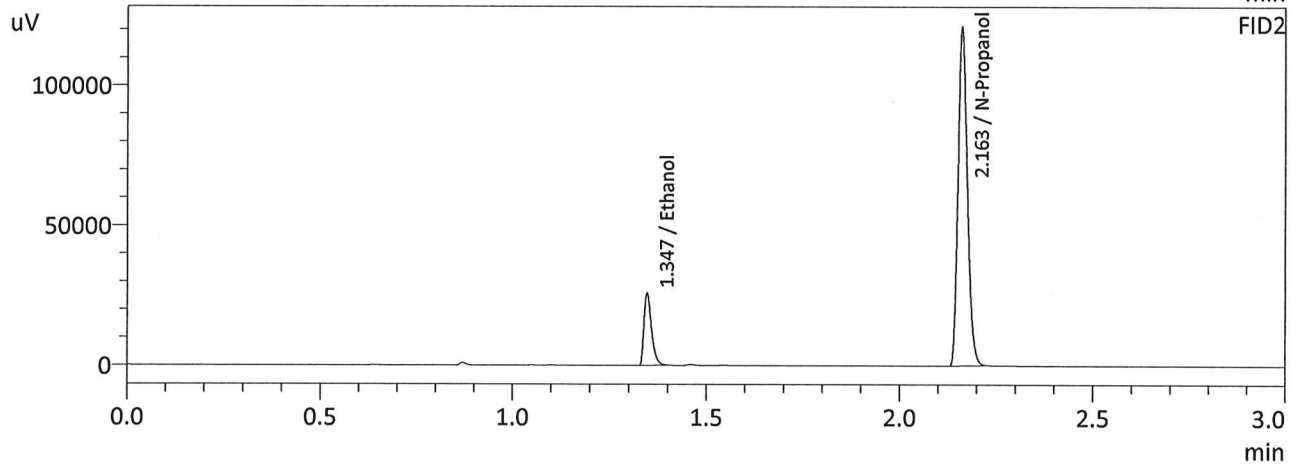
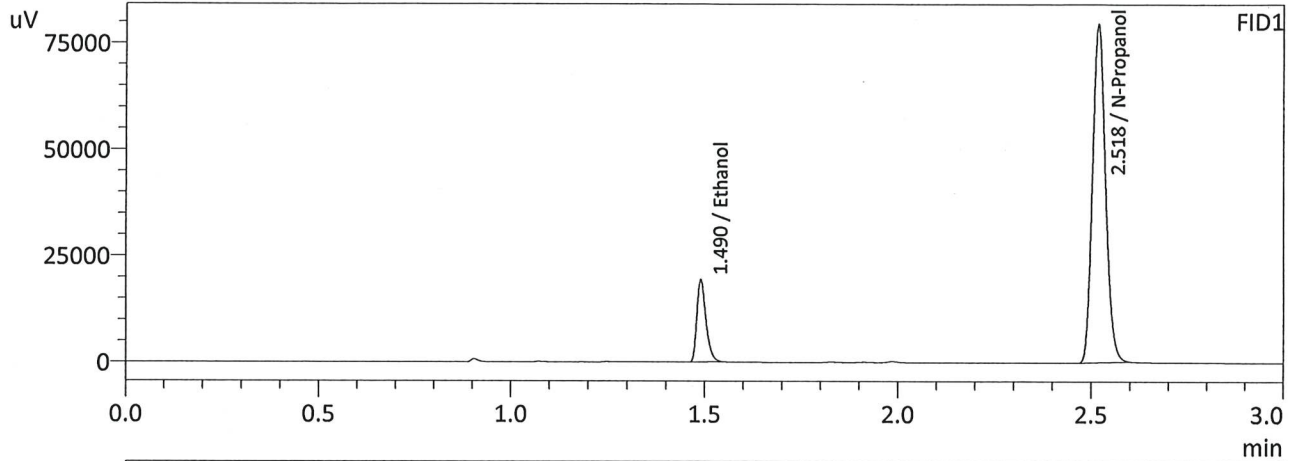
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0804	30794	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181379	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0799	33023	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	196154	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-1-1-B
 Laboratory : Meridian
 Injection Date : 11/29/2023 11:55:12 AM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0820	32128	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	185332	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0821	34815	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	201015	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA

Analysis Date(s): 11/29/2023 12:03:34 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0828	0.0825	0.0003	0.0826	0.0008	0.0822
(g/100cc)	0.0820	0.0817	0.0003	0.0818		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_111723JG.gcm

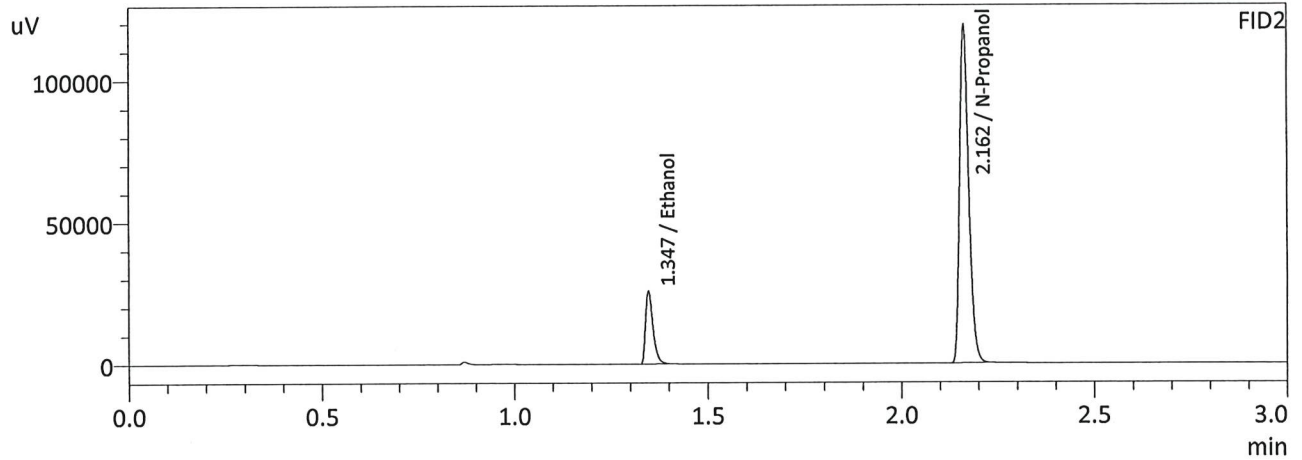
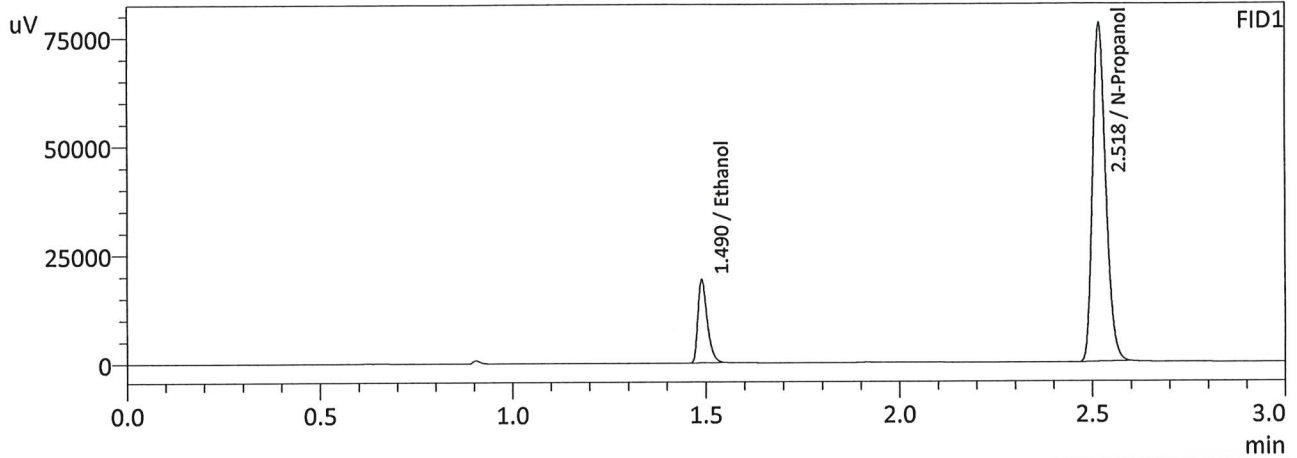
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

Reported Results	
0.082	

Calibration and control data are stored centrally.

Jc

Sample Name : 0.08 QA
 Laboratory : Meridian
 Injection Date : 11/29/2023 12:03:34 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



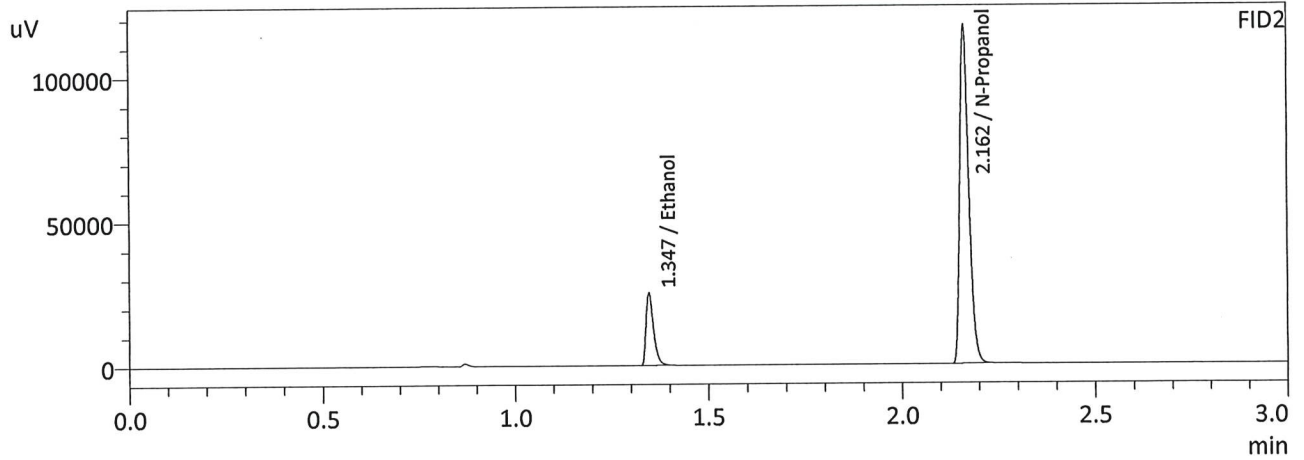
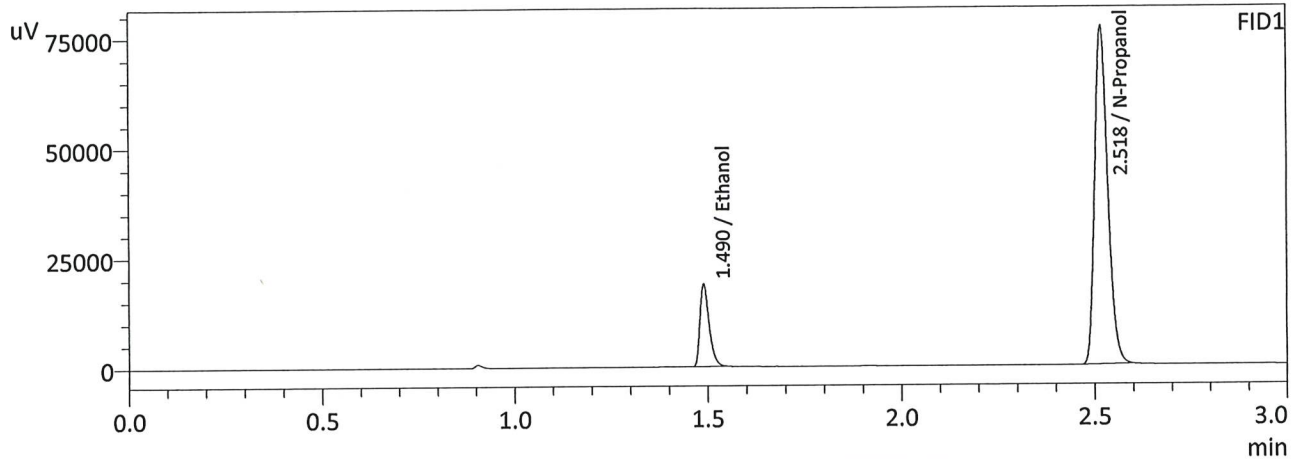
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0828	31897	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182135	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0825	34340	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	197286	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.08 QA-B
 Laboratory : Meridian
 Injection Date : 11/29/2023 12:11:28 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0820	31119	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	179625	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0817	33486	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194261	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 11/29/2023 2:47:22 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2021	0.2022	0.0001	0.2021	0.0039	0.2041
(g/100cc)	0.2060	0.2061	0.0001	0.2060		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

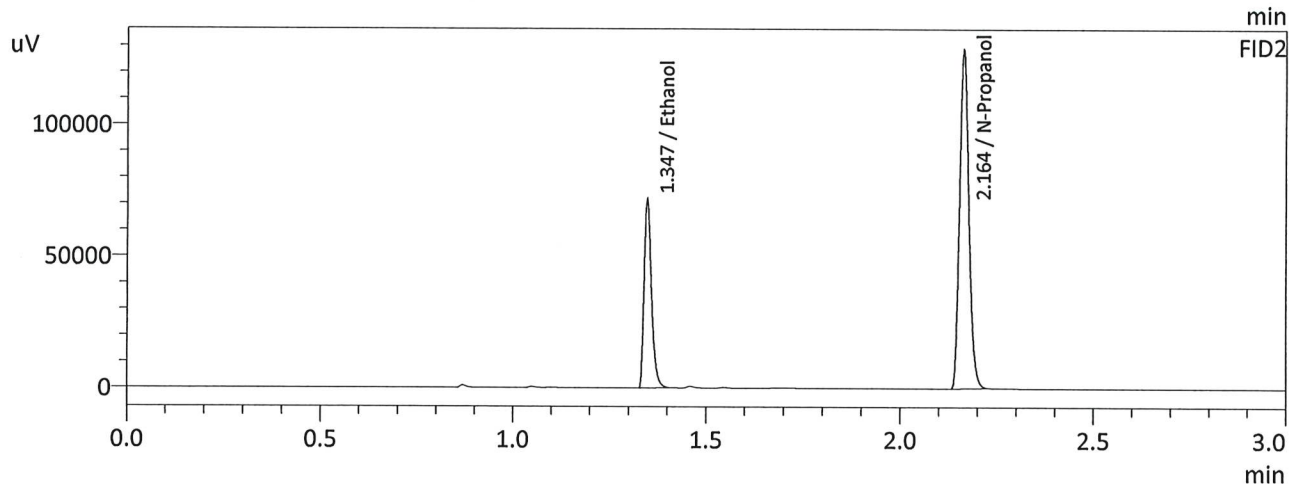
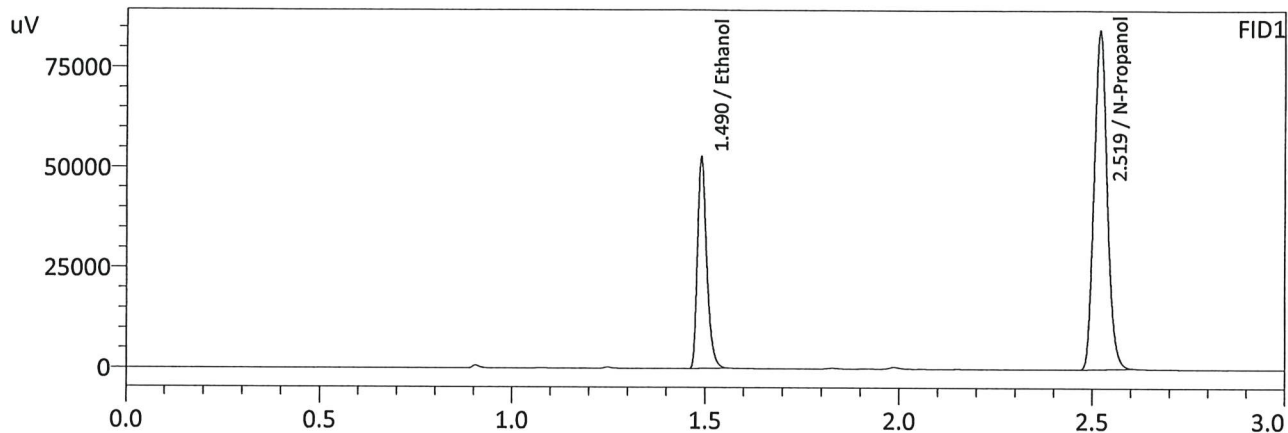
Refer To Instrument Method: ALCOHOL_111723JG.gcm

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

	Reported Results
	0.204

Calibration and control data are stored centrally.

Sample Name : QC-2-1
 Laboratory : Meridian
 Injection Date : 11/29/2023 2:47:22 PM
 Vial # : 25
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



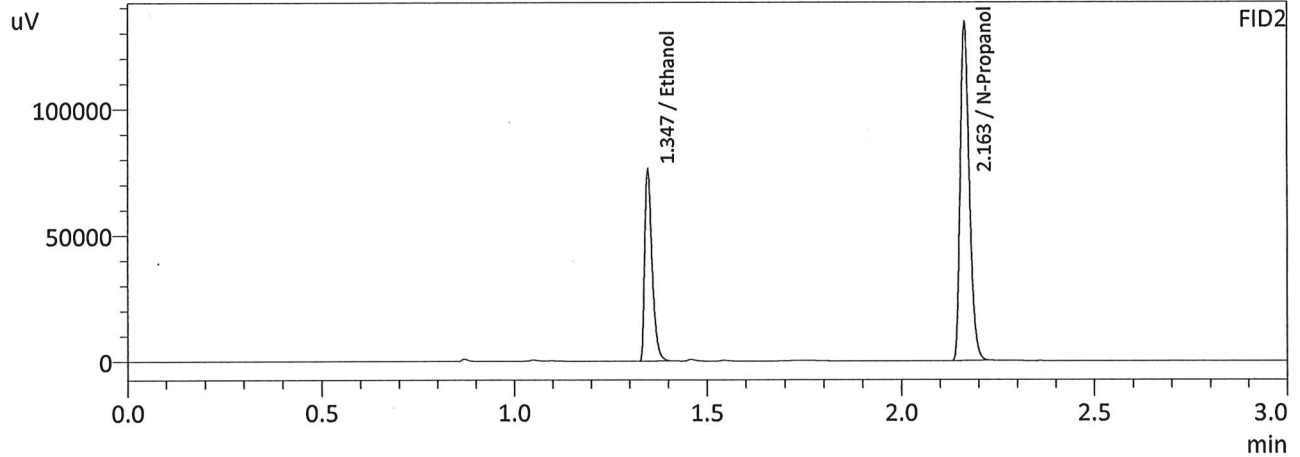
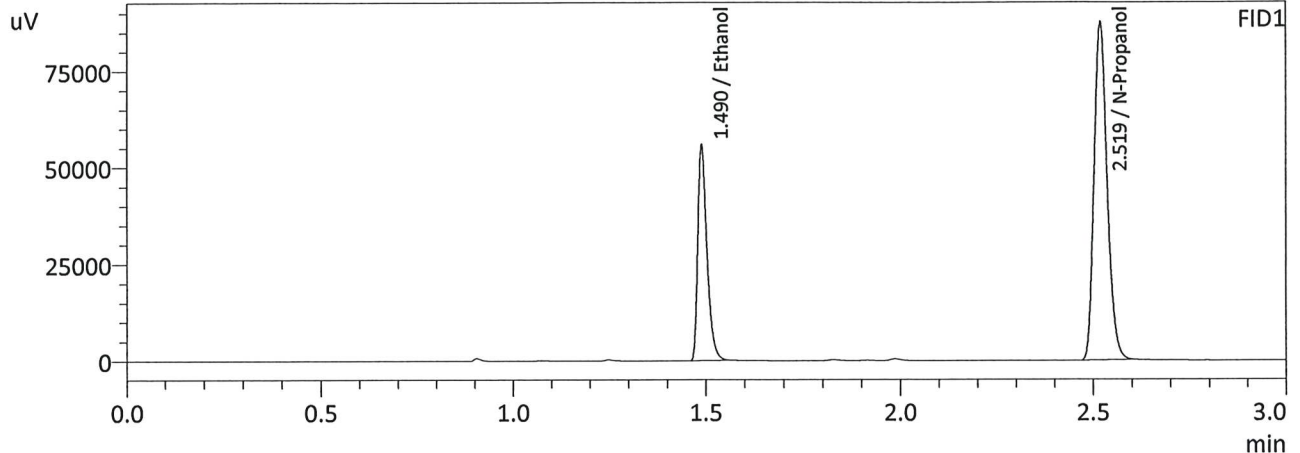
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2021	87421	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	197388	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2022	94995	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	213865	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-2-1-B
 Laboratory : Meridian
 Injection Date : 11/29/2023 2:54:58 PM
 Vial # : 26
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2060	92334	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	204395	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2061	100424	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	221750	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2		Analysis Date(s): 11/29/2023 5:49:07 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0825	0.0823	0.0002	0.0824	0.0000	0.0824
(g/100cc)	0.0824	0.0825	0.0001	0.0824		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

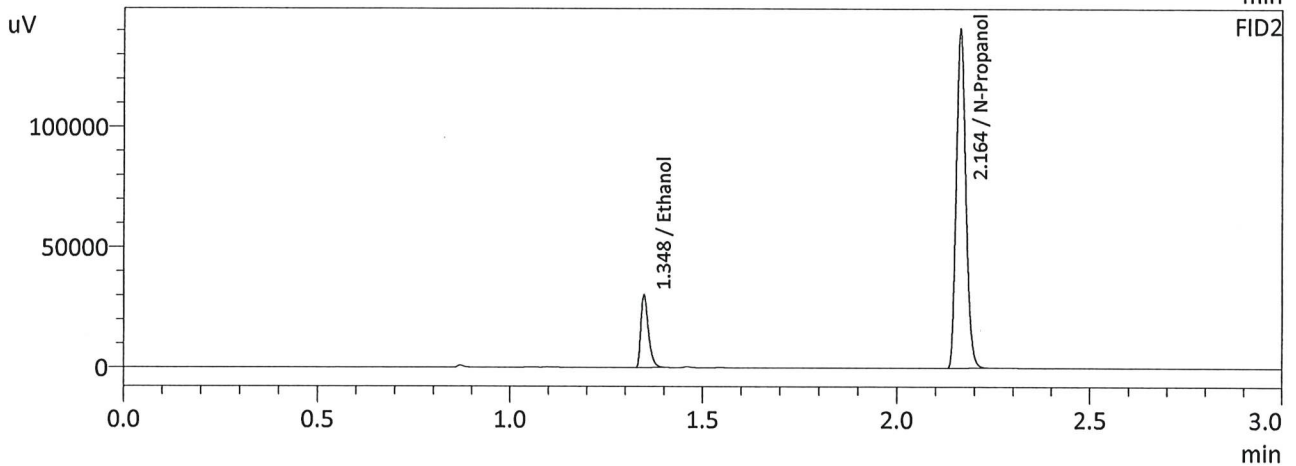
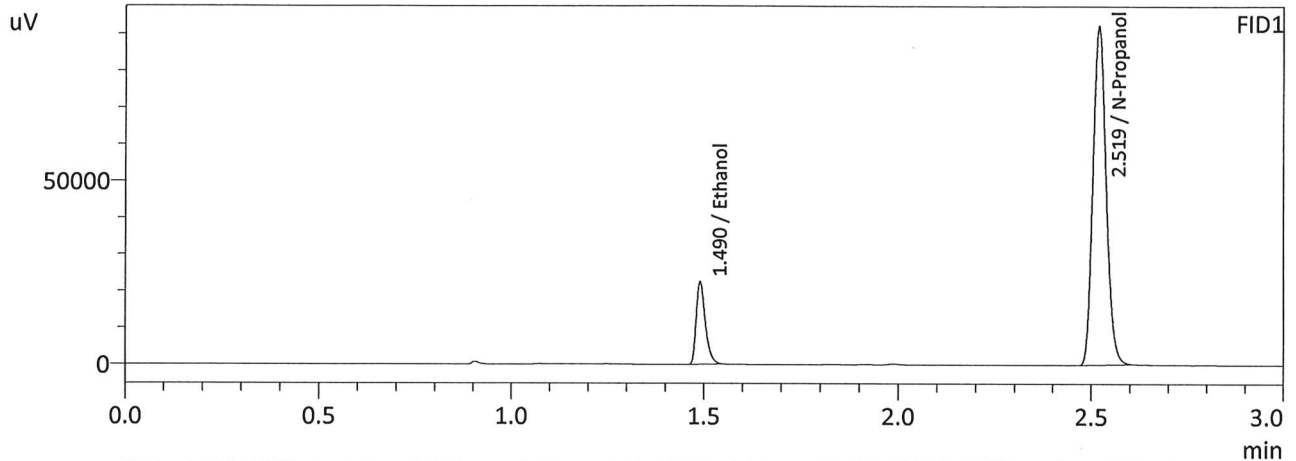
Refer To Instrument Method: ALCOHOL_111723JG.gcm

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

Reported Results	
0.082	

Calibration and control data are stored centrally.

Sample Name : QC-1-2
 Laboratory : Meridian
 Injection Date : 11/29/2023 5:49:07 PM
 Vial # : 47
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



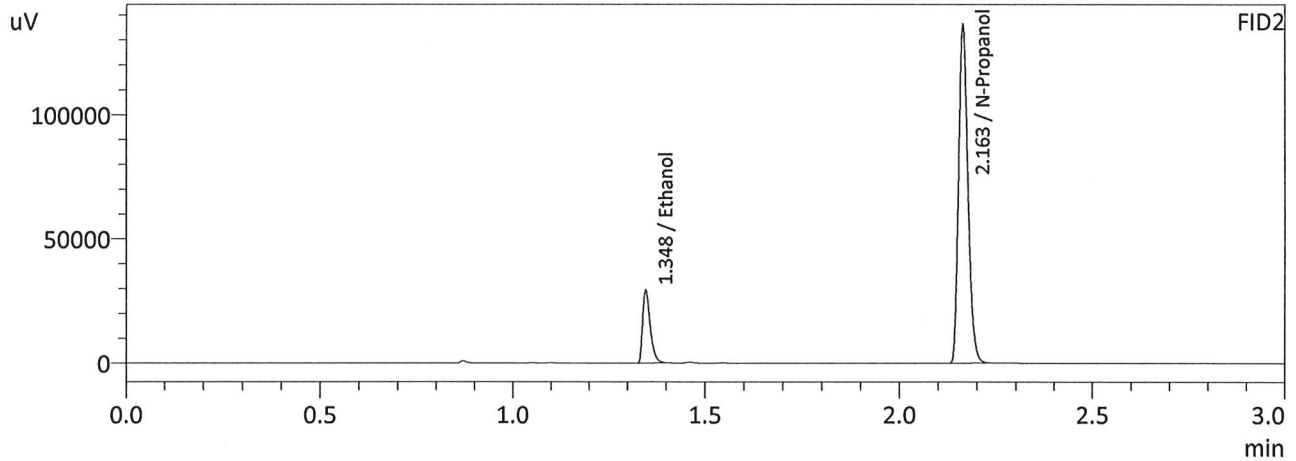
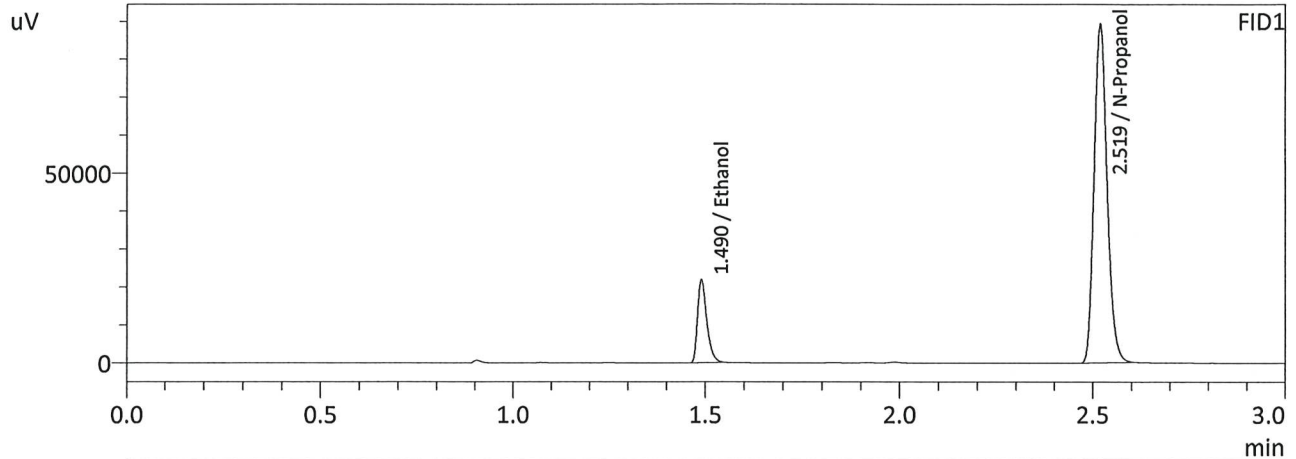
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0825	37514	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	215168	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0823	40573	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	233503	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-1-2-B
 Laboratory : Meridian
 Injection Date : 11/29/2023 5:58:16 PM
 Vial # : 48
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0824	36306	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	208254	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0825	39334	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	225848	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2

Analysis Date(s): 11/29/2023 6:05:26 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2020	0.2018	0.0002	0.2019	0.0036	0.2037
(g/100cc)	0.2055	0.2055	0.0000	0.2055		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

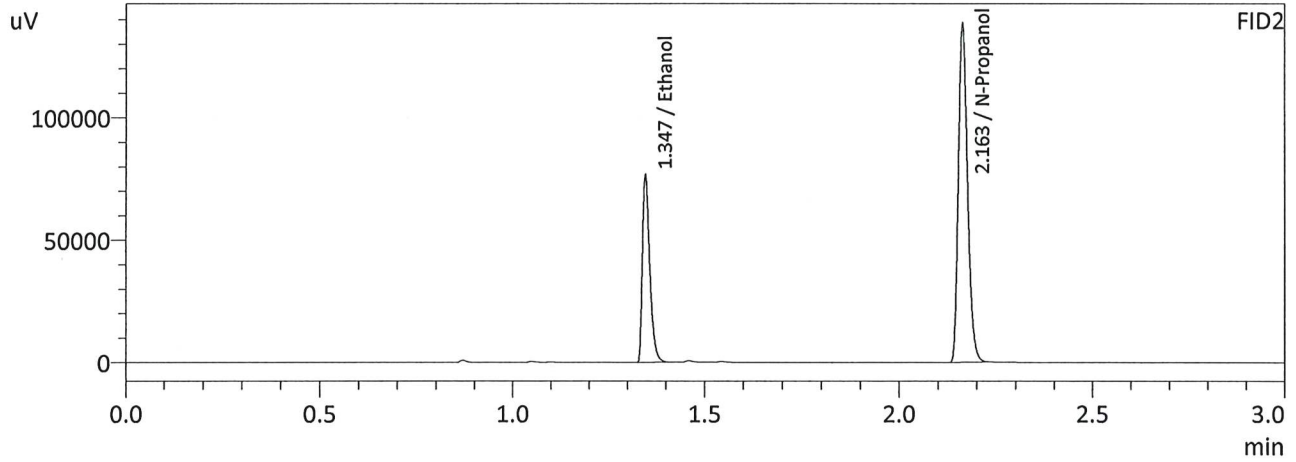
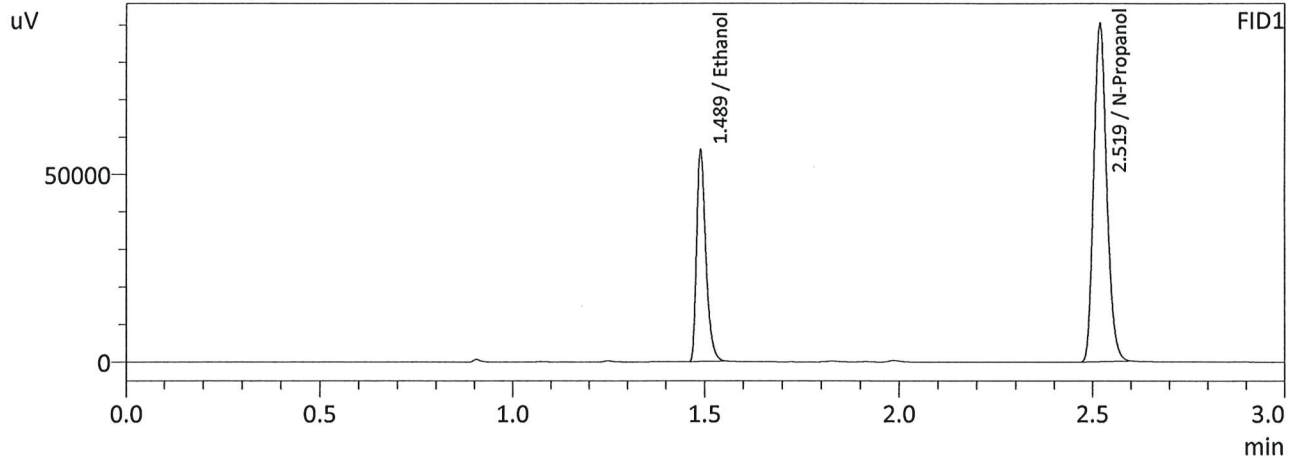
Refer To Instrument Method: ALCOHOL_111723JG.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.203	0.192	0.214	0.011

	Reported Results
	0.203

Calibration and control data are stored centrally.

Sample Name : QC-2-2
 Laboratory : Meridian
 Injection Date : 11/29/2023 6:05:26 PM
 Vial # : 49
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

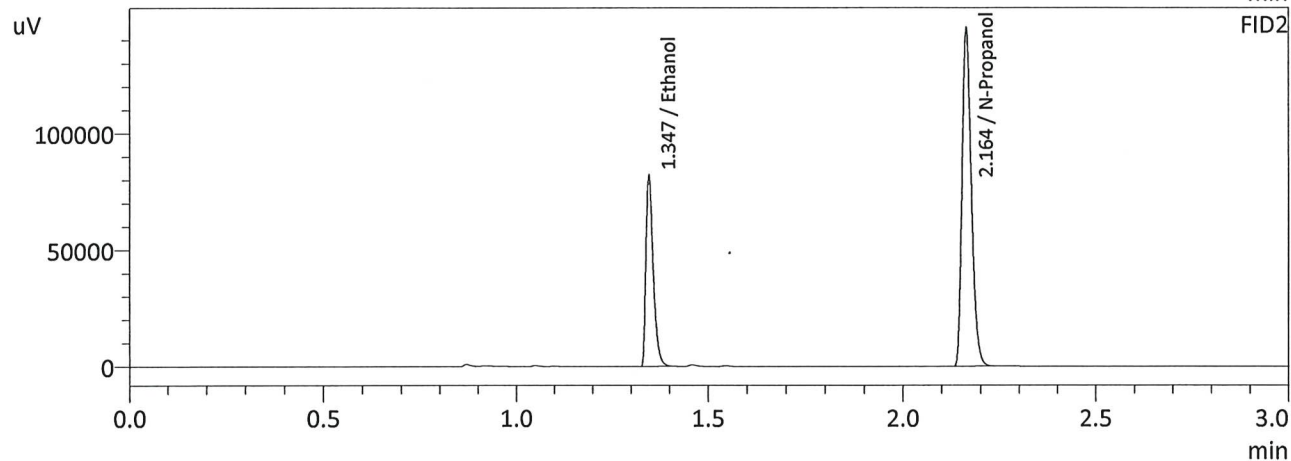
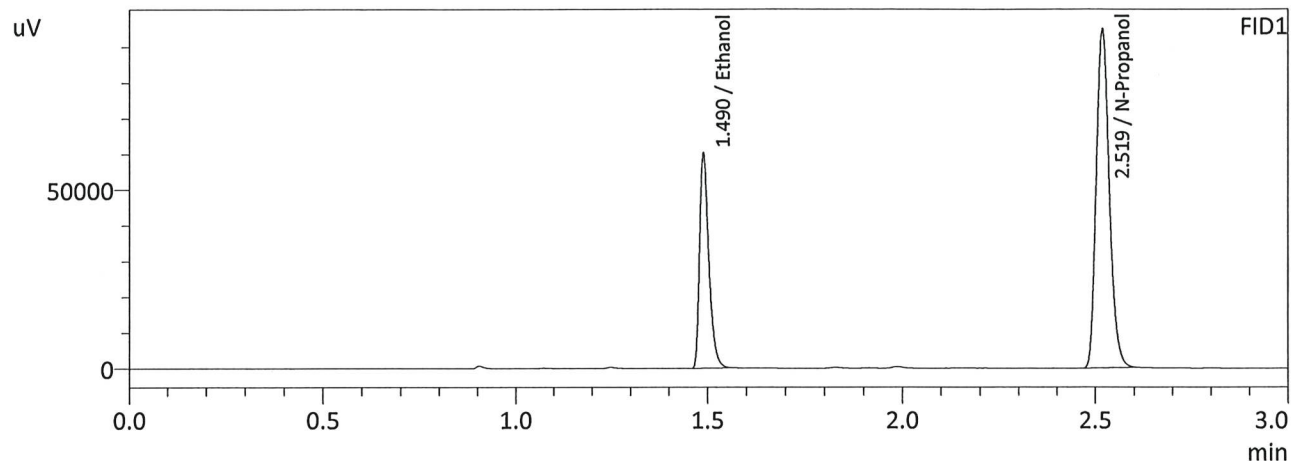
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2020	93520	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	211267	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2018	101624	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	229285	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JC

Sample Name : QC-2-2-B
 Laboratory : Meridian
 Injection Date : 11/29/2023 6:13:51 PM
 Vial # : 50
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



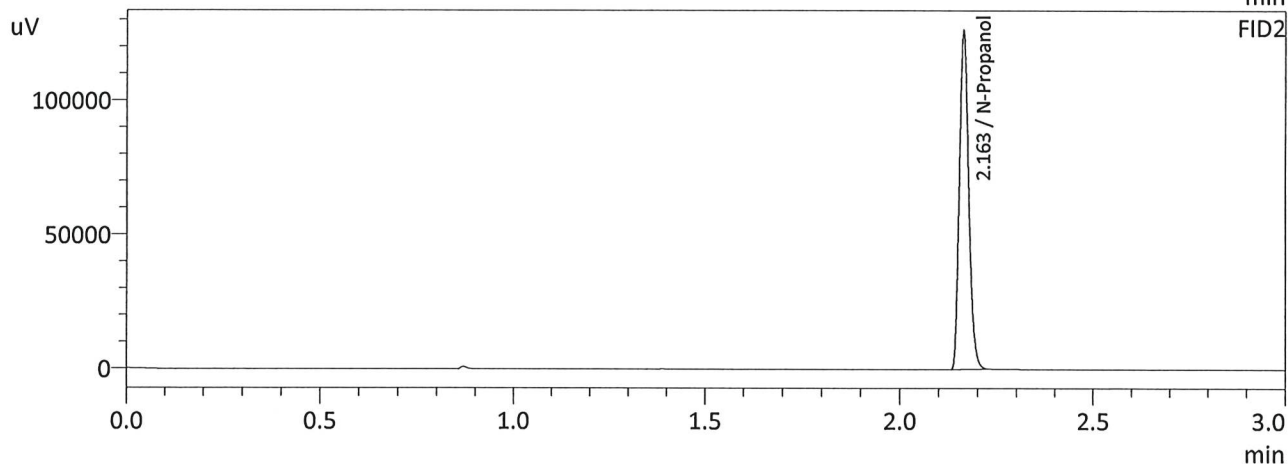
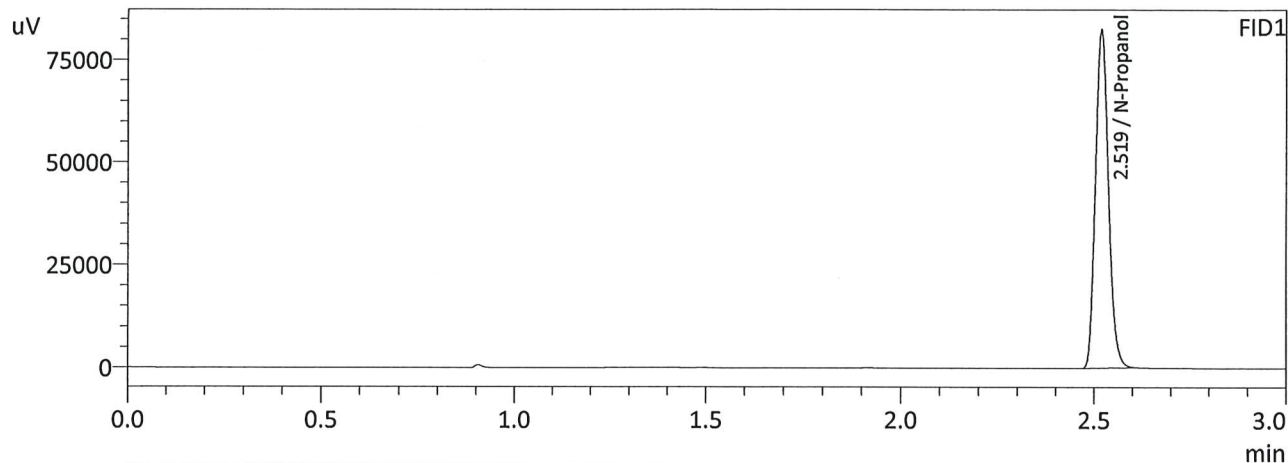
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2055	99734	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	221376	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2055	108465	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	240227	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : ISTD BLK 2
 Laboratory : Meridian
 Injection Date : 11/29/2023 6:23:11 PM
 Vial # : 51
 Method Filename : Default Project - ALCOHOL_111723JG.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	192971	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	209096	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Meridian Blood Alcohol Analysis Batch Table

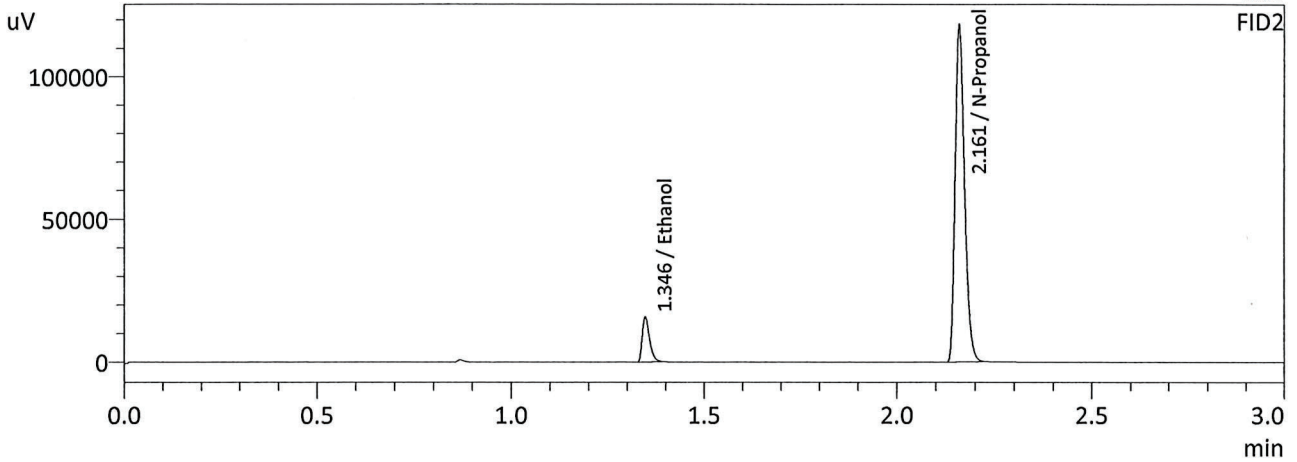
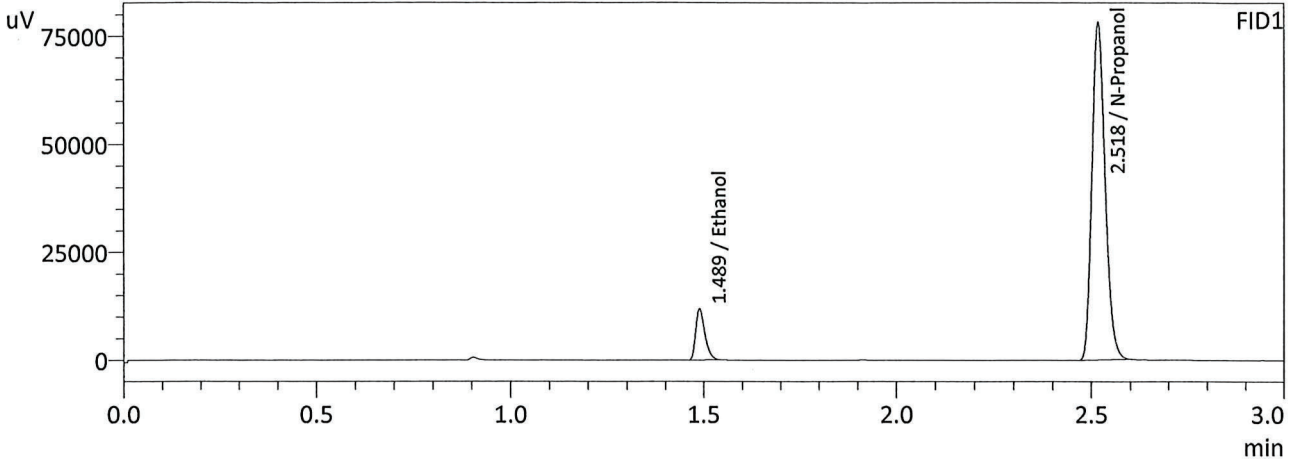
Shimadzu GC-2030 Serial #C12255750548
 Shimadzu HS-20 Serial #C12595800409
 Lab Solutions Database Software Ver. 6.111
 Copyright (C) 2008-2020 Shimadzu Corporation

Vial#	Sample Name	Sample Type	Level#	Method File
1	ISTD BLK 1	0:Unknown	0	ALCOHOL 111723JG.gcm
2	ED VOLATILES FN 0604	0:Unknown	1	ALCOHOL 111723JG.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 111723JG.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 111723JG.gcm
6	0.08 QA-B	0:Unknown	0	ALCOHOL 111723JG.gcm
7	M2023-4862-1	0:Unknown	0	ALCOHOL 111723JG.gcm
8	M2023-4862-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
9	M2023-4966-1	0:Unknown	0	ALCOHOL 111723JG.gcm
10	M2023-4966-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
11	M2023-4967-1	0:Unknown	0	ALCOHOL 111723JG.gcm
12	M2023-4967-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
13	M2023-4968-1	0:Unknown	0	ALCOHOL 111723JG.gcm
14	M2023-4968-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
15	M2023-4969-1	0:Unknown	0	ALCOHOL 111723JG.gcm
16	M2023-4969-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
17	M2023-4981-1	0:Unknown	0	ALCOHOL 111723JG.gcm
18	M2023-4981-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
19	M2023-4982-1	0:Unknown	0	ALCOHOL 111723JG.gcm
20	M2023-4982-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
21	M2023-4990-1	0:Unknown	0	ALCOHOL 111723JG.gcm
22	M2023-4990-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
23	M2023-4992-1	0:Unknown	0	ALCOHOL 111723JG.gcm
24	M2023-4992-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 111723JG.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
27	M2023-4993-1	0:Unknown	0	ALCOHOL 111723JG.gcm
28	M2023-4993-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
29	M2023-5033-1	0:Unknown	0	ALCOHOL 111723JG.gcm
30	M2023-5033-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
31	M2023-5042-1	0:Unknown	0	ALCOHOL 111723JG.gcm
32	M2023-5042-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
33	M2023-5064-1	0:Unknown	0	ALCOHOL 111723JG.gcm
34	M2023-5064-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
35	M2023-5072-1	0:Unknown	0	ALCOHOL 111723JG.gcm
36	M2023-5072-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
37	M2023-5072-2	0:Unknown	0	ALCOHOL 111723JG.gcm
38	M2023-5072-2-B	0:Unknown	0	ALCOHOL 111723JG.gcm
39	M2023-5084-1	0:Unknown	0	ALCOHOL 111723JG.gcm
40	M2023-5084-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
41	M2023-5085-1	0:Unknown	0	ALCOHOL 111723JG.gcm
42	M2023-5085-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
43	M2023-5086-1	0:Unknown	0	ALCOHOL 111723JG.gcm
44	M2023-5086-1-B	0:Unknown	0	ALCOHOL 111723JG.gcm
45	P2023-3502-1-2	0:Unknown	0	ALCOHOL 111723JG.gcm
46	P2023-3502-1-B 2-B	0:Unknown	0	ALCOHOL 111723JG.gcm
47	QC-1-2	0:Unknown	0	ALCOHOL 111723JG.gcm
48	QC-1-2-B	0:Unknown	0	ALCOHOL 111723JG.gcm
49	QC-2-2	0:Unknown	0	ALCOHOL 111723JG.gcm
50	QC-2-2-B	0:Unknown	0	ALCOHOL 111723JG.gcm
51	ISTD BLK 2	0:Unknown	0	ALCOHOL 111723JG.gcm

JG 11/30/23
 JG 11/30/23

JG

Sample Name : 0.050
 Laboratory : Meridian
 Injection Date : 11/17/2023 12:35:58 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



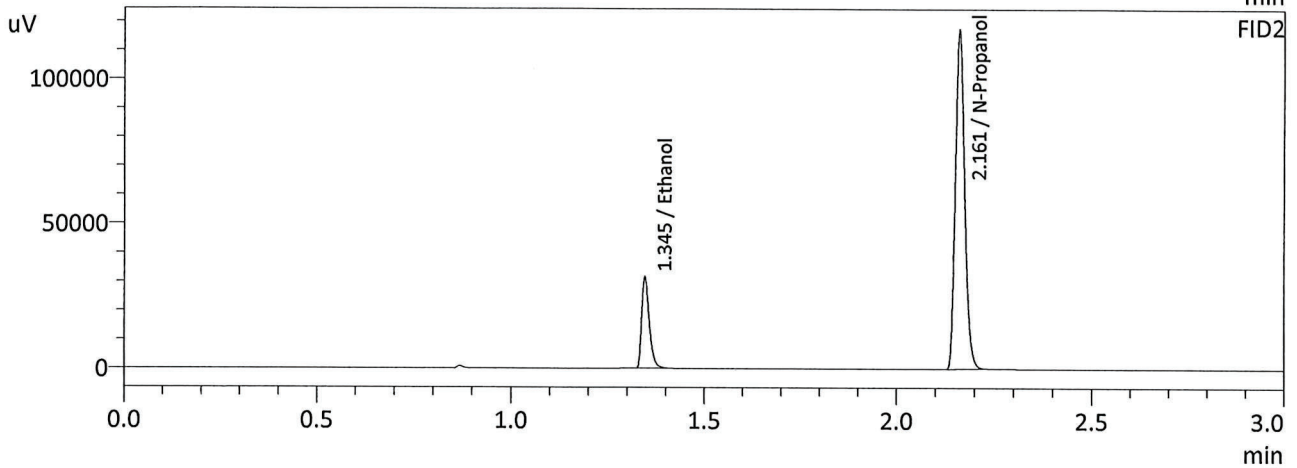
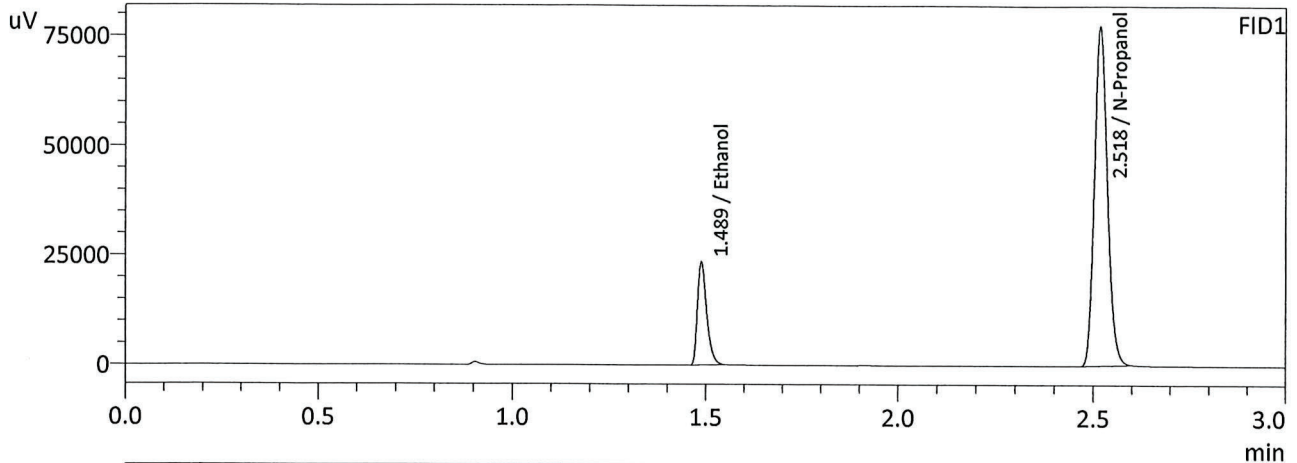
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0528	19652	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182356	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0528	21080	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	196714	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.100
 Laboratory : Meridian
 Injection Date : 11/17/2023 12:43:18 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



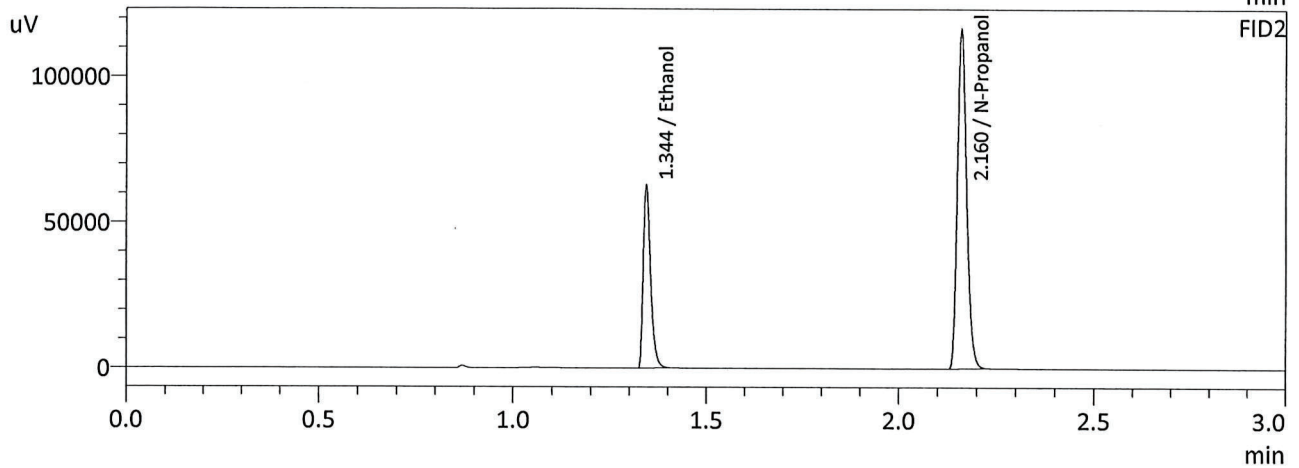
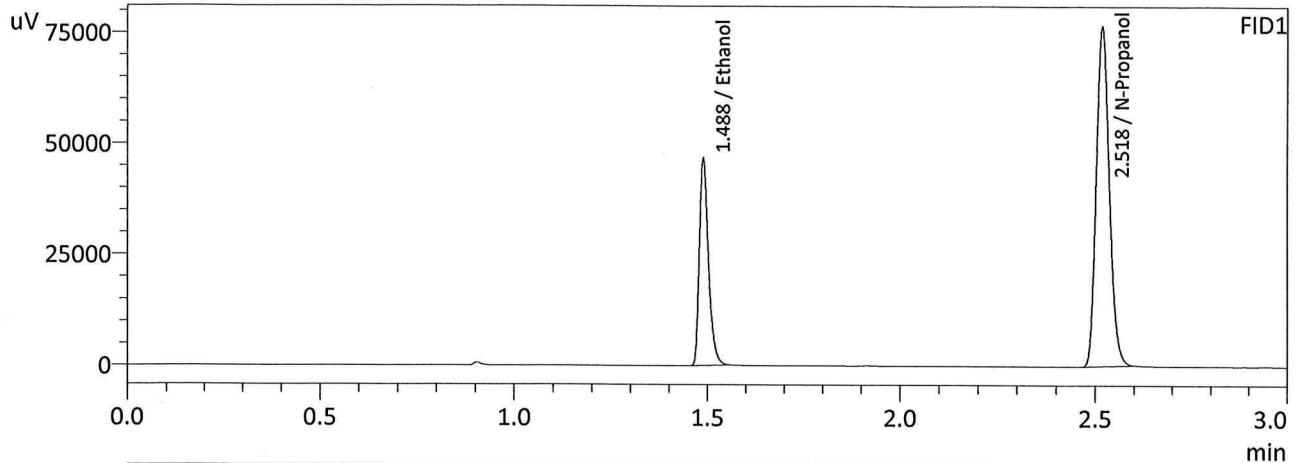
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1008	38933	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	180660	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1009	42049	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194908	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.200
 Laboratory : Meridian
 Injection Date : 11/17/2023 12:50:54 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

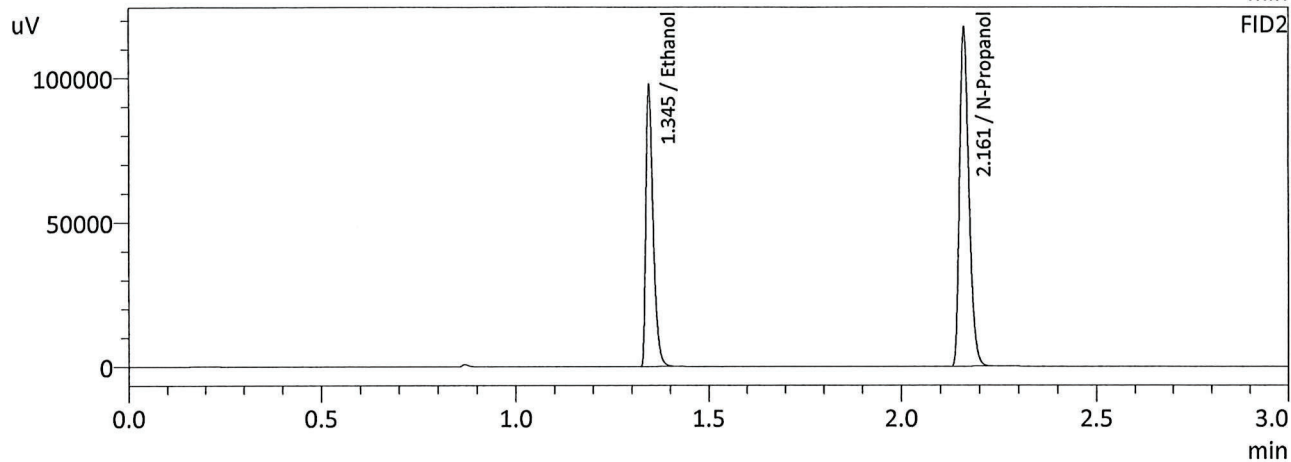
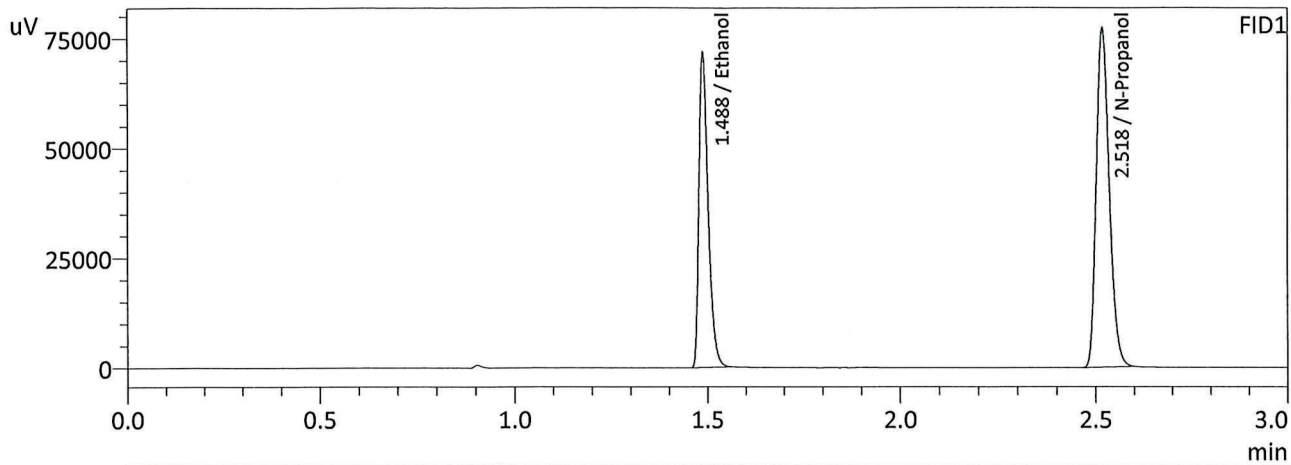
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1967	76913	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	178561	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1965	83062	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	192654	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Jc

Sample Name : 0.300
 Laboratory : Meridian
 Injection Date : 11/17/2023 12:59:23 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



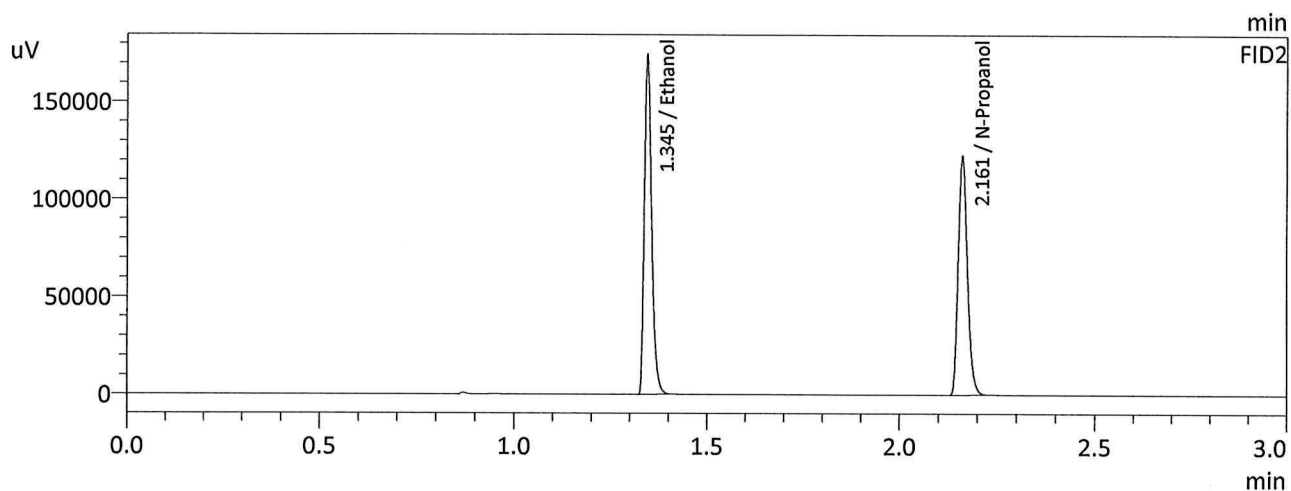
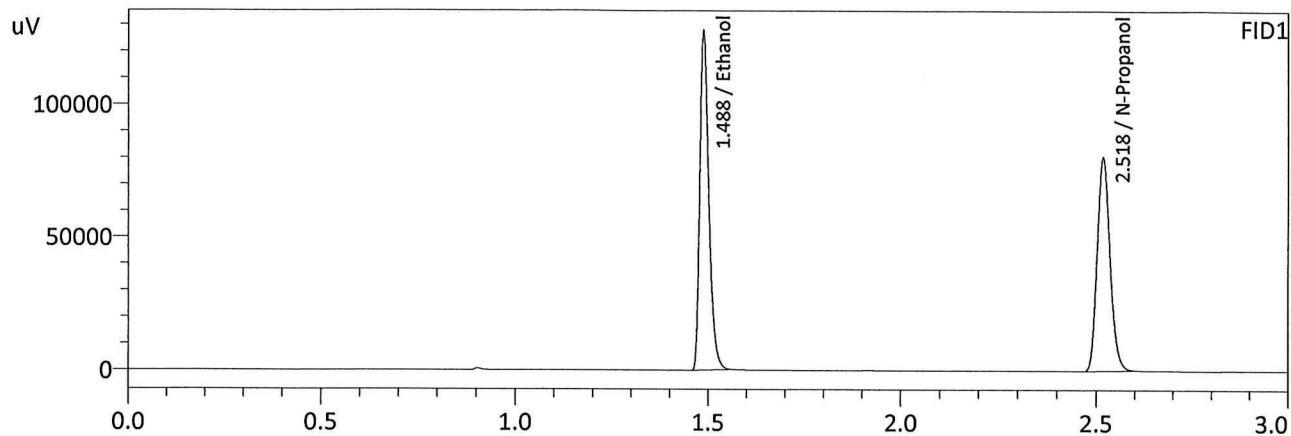
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2968	118288	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	180483	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2968	128145	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194937	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.500
 Laboratory : Meridian
 Injection Date : 11/17/2023 1:07:06 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



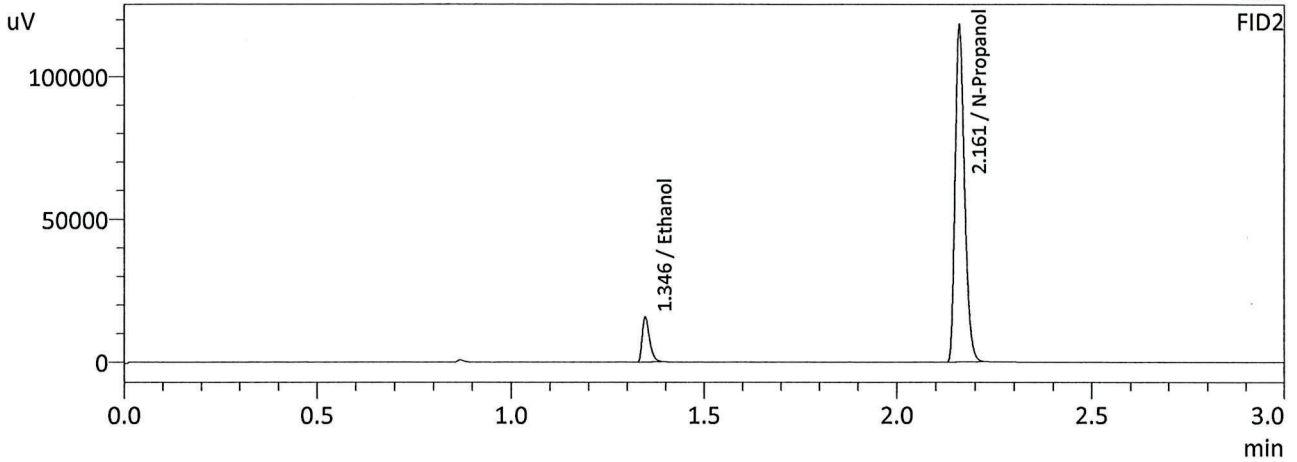
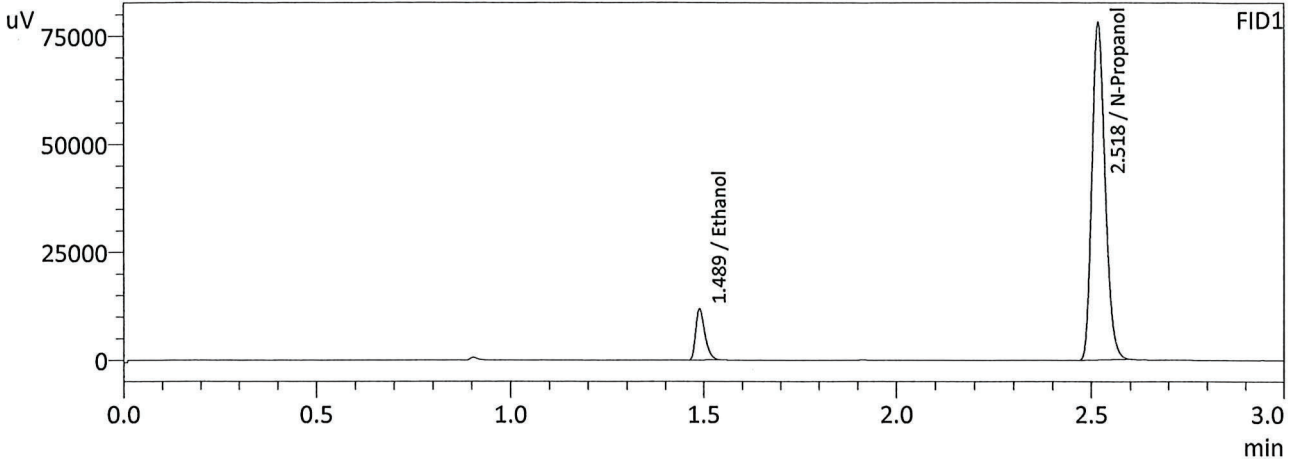
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5027	209847	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	187763	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5028	227825	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	203049	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.050
 Laboratory : Meridian
 Injection Date : 11/17/2023 12:35:58 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



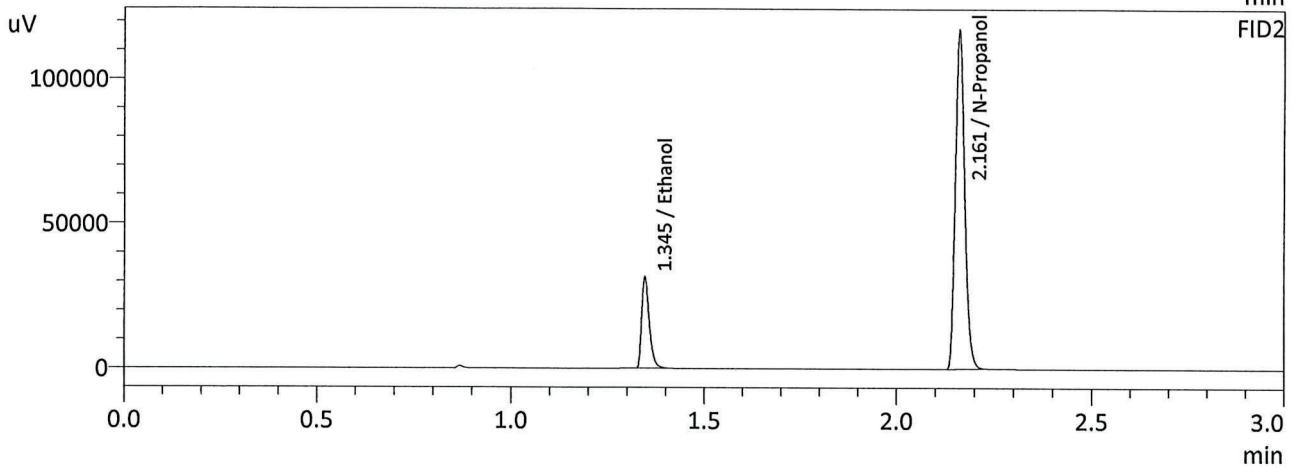
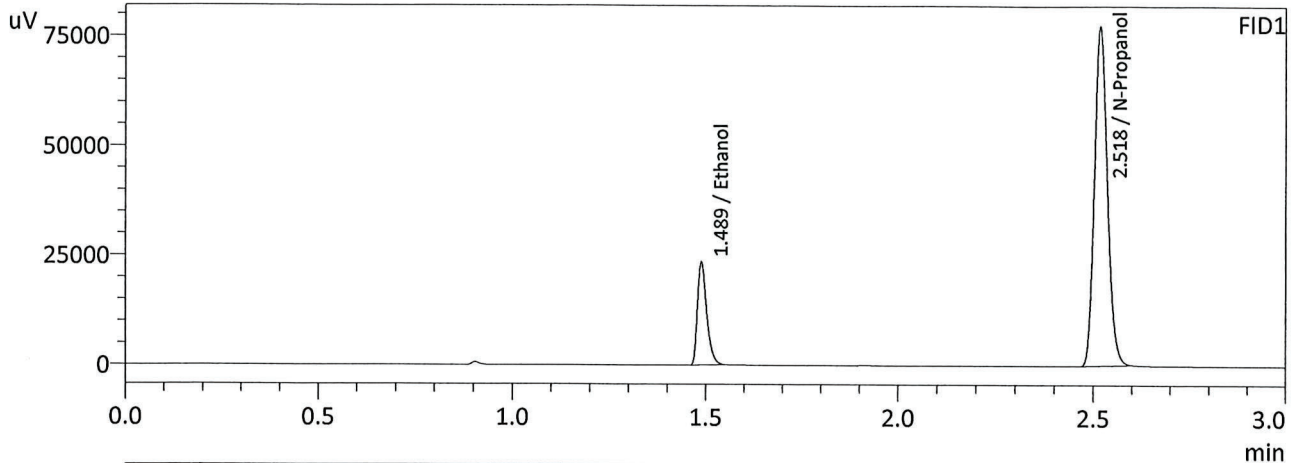
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0528	19652	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182356	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0528	21080	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	196714	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.100
 Laboratory : Meridian
 Injection Date : 11/17/2023 12:43:18 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



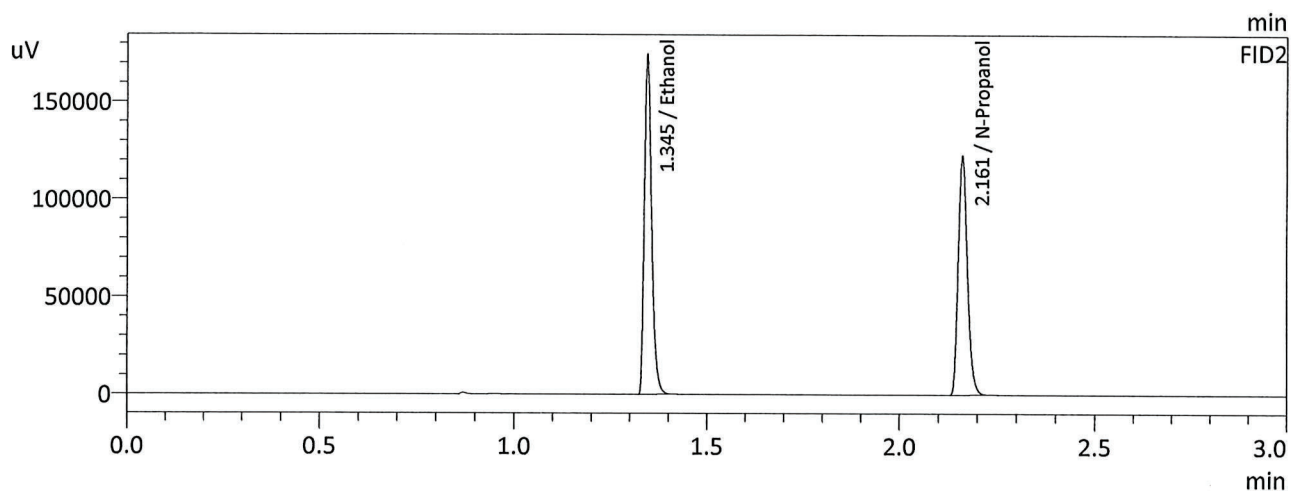
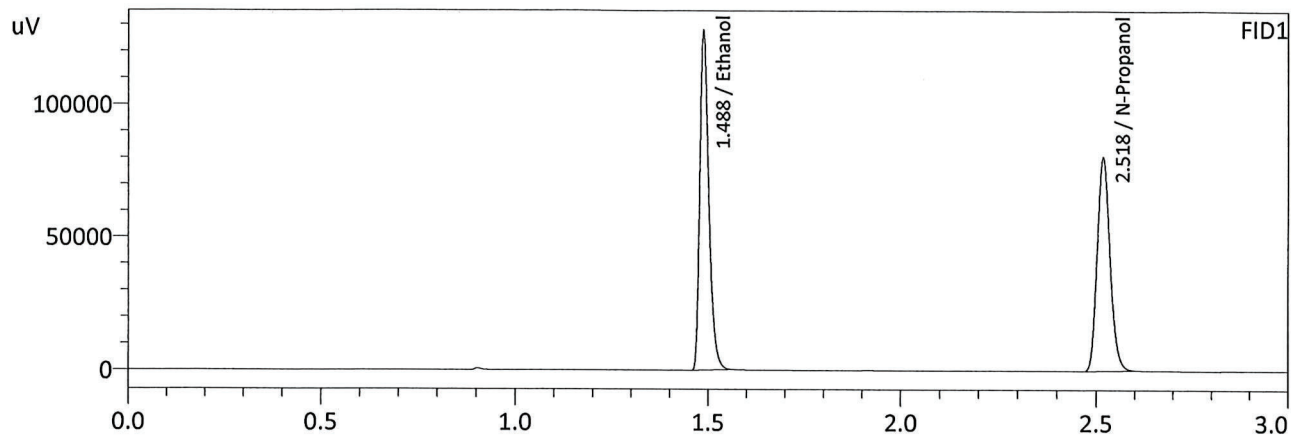
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1008	38933	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	180660	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1009	42049	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194908	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.500
 Laboratory : Meridian
 Injection Date : 11/17/2023 1:07:06 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_111723JG.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5027	209847	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	187763	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

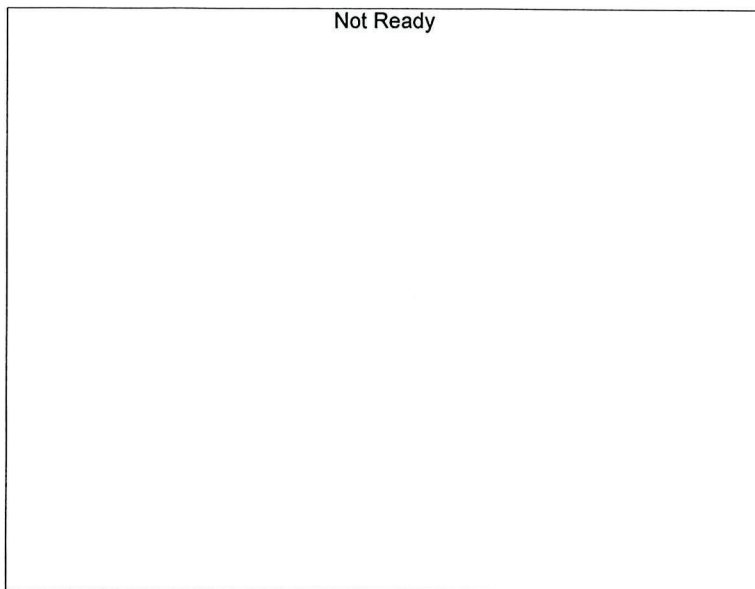
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5028	227825	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	203049	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Calibration Table

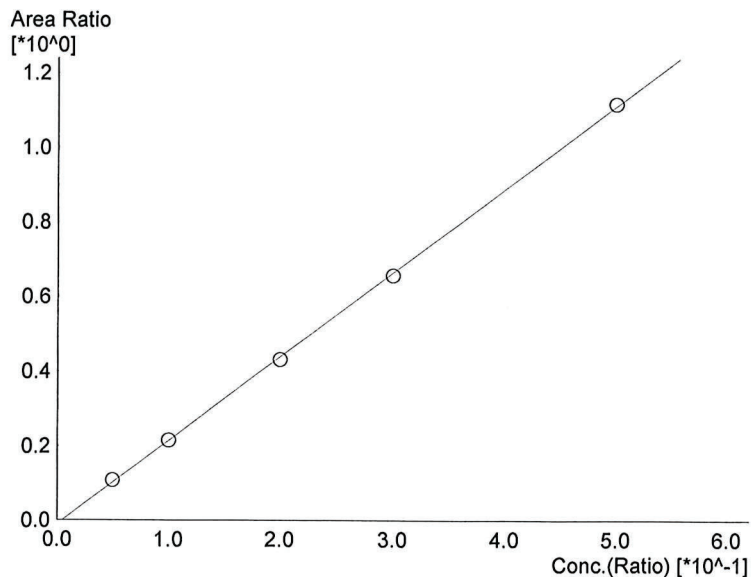
Laboratory : MERIDIAN
 Instrument Name : GC-BAC
 Instrument Serial # : C12595800409 / C12255750548

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 Batch File :Default Project - CALCURVE_111723JG.gcb
 Date Acquired :11/17/2023 1:07:06 PM
 Date Created :11/17/2023 1:02:27 PM
 Date Modified :11/17/2023 1:10:07 PM



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

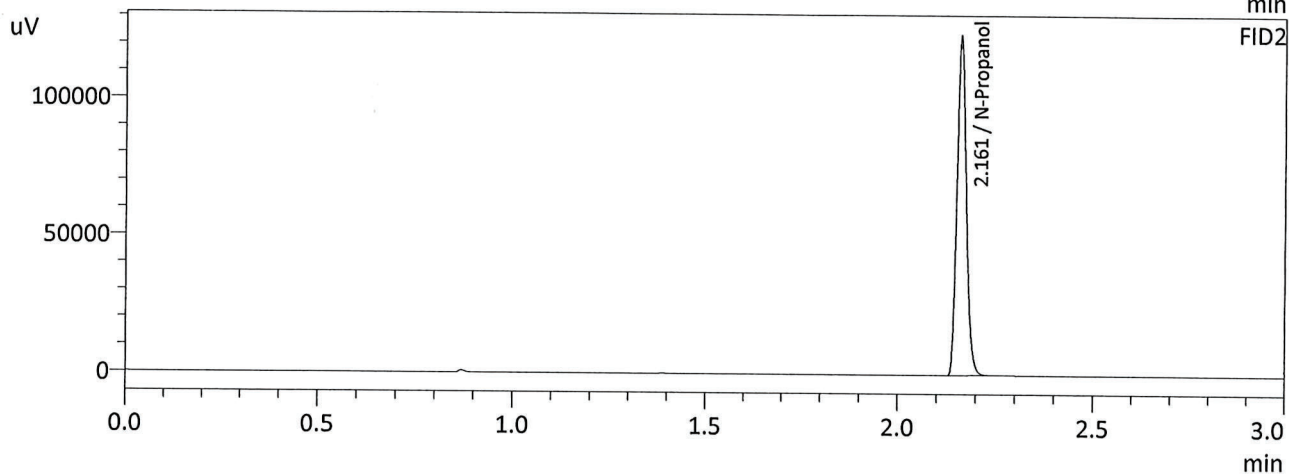
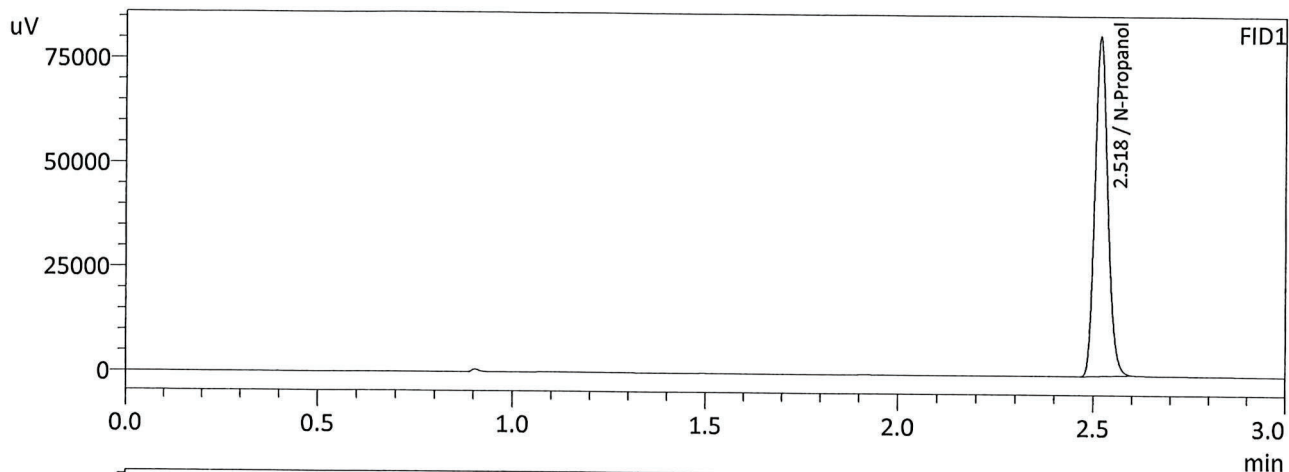
#	Conc.	Area	Std. Conc.
---	-------	------	------------



Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.24452*x-0.0108342$
 R² value= 0.9997100
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	19652	0.0528
2	0.100	38933	0.1008
3	0.200	76913	0.1967
4	0.300	118288	0.2968
5	0.500	209847	0.5027

Sample Name : INT STD BLK
 Laboratory : Meridian
 Injection Date : 11/17/2023 1:15:48 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_111723JG.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	189310	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	205230	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JG

Meridian Blood Alcohol Analysis Batch Table

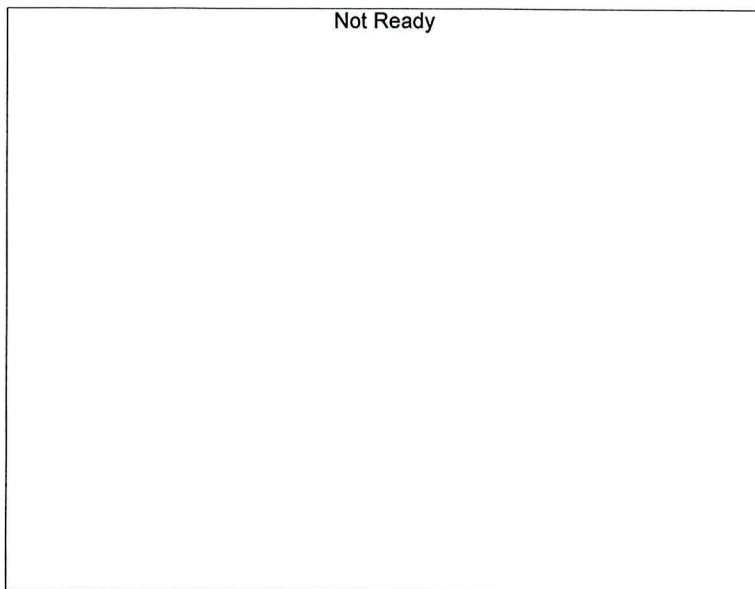
Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Database Software Ver. 6.111
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Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL 111723JG.gcm
2	0.100	1:Standard	2	ALCOHOL 111723JG.gcm
3	0.200	1:Standard	3	ALCOHOL 111723JG.gcm
4	0.300	1:Standard	4	ALCOHOL 111723JG.gcm
5	0.500	1:Standard	5	ALCOHOL 111723JG.gcm
6	INT STD BLK	0:Unknown	0	ALCOHOL 111723JG.gcm

Calibration Table

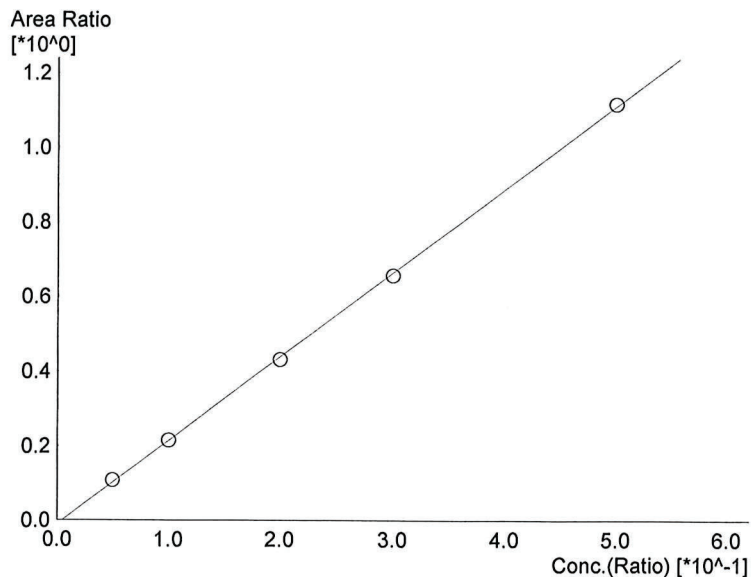
Laboratory : MERIDIAN
 Instrument Name : GC-BAC
 Instrument Serial # : C12595800409 / C12255750548

<<Data File>>
 Method File :Default Project - ALCOHOL_111723JG.gcm
 Batch File :Default Project - CALCURVE_111723JG.gcb
 Date Acquired :11/17/2023 1:07:06 PM
 Date Created :11/17/2023 1:02:27 PM
 Date Modified :11/17/2023 1:10:07 PM



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

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



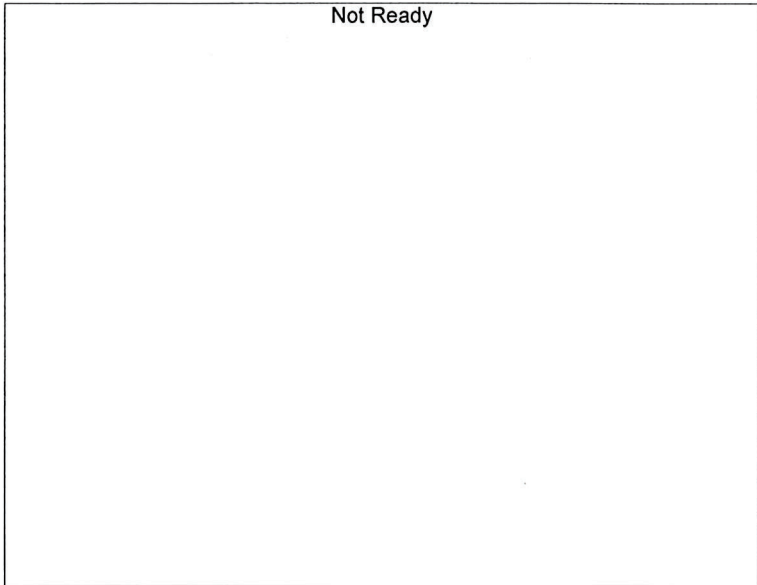
Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.24452*x-0.0108342$
 R² value= 0.9997100
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	19652	0.0528
2	0.100	38933	0.1008
3	0.200	76913	0.1967
4	0.300	118288	0.2968
5	0.500	209847	0.5027



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

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



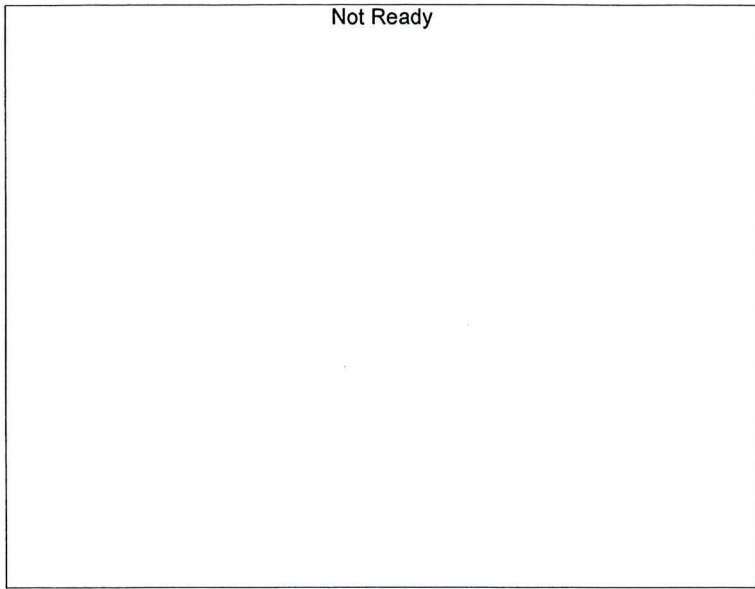
Name : Acetone
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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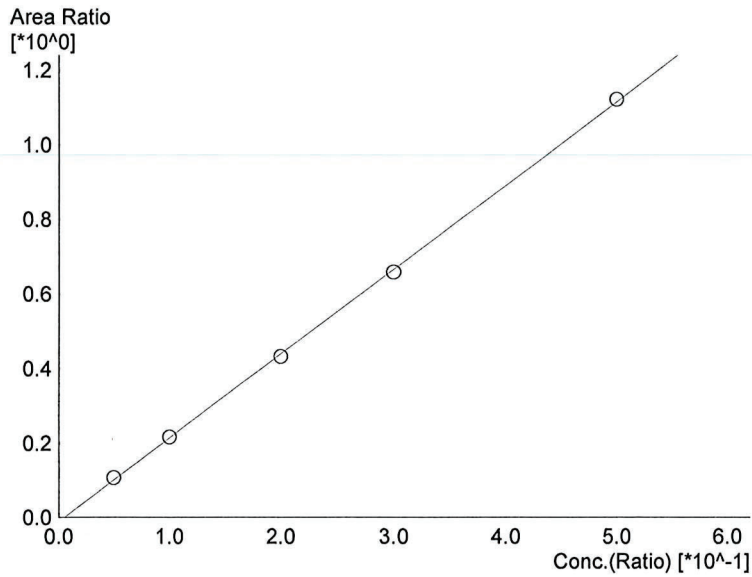
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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

#	Conc.	Area	Std. Conc.
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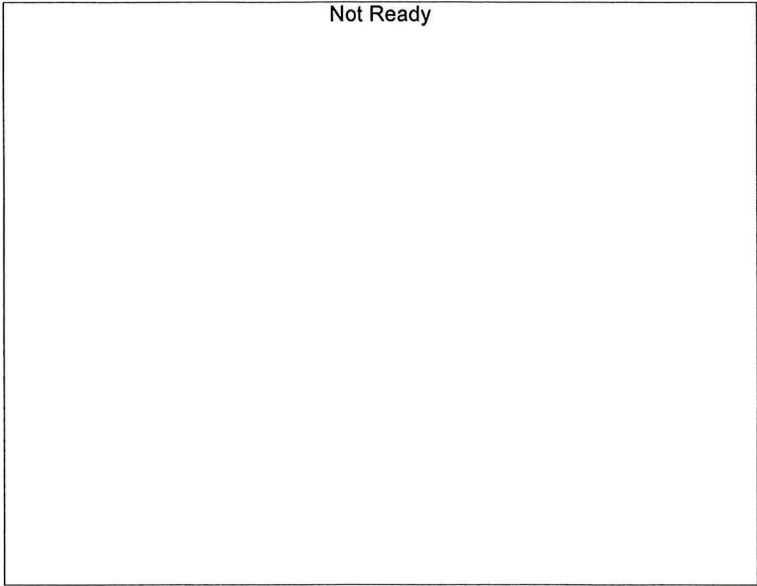
Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.25541*x-0.0120588$
 R² value= 0.9996912
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	21080	0.0528
2	0.100	42049	0.1009
3	0.200	83062	0.1965
4	0.300	128145	0.2968
5	0.500	227825	0.5028



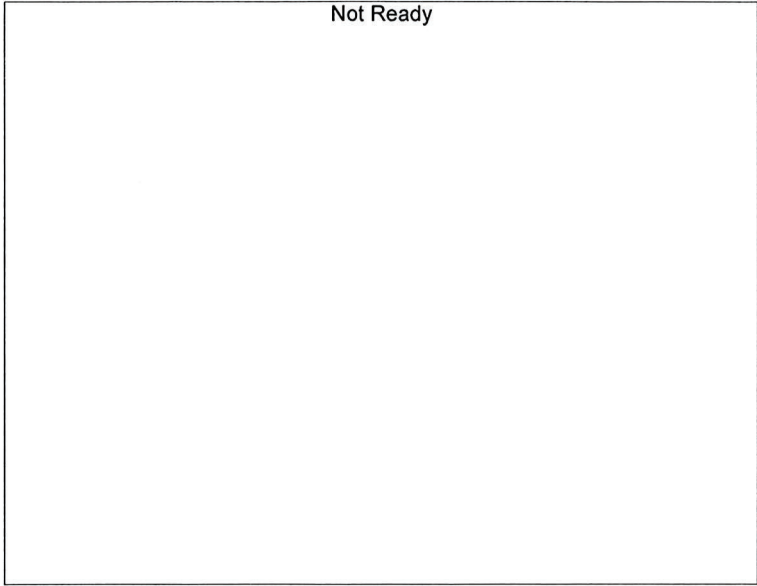
Name : Acetone
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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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.
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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.
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