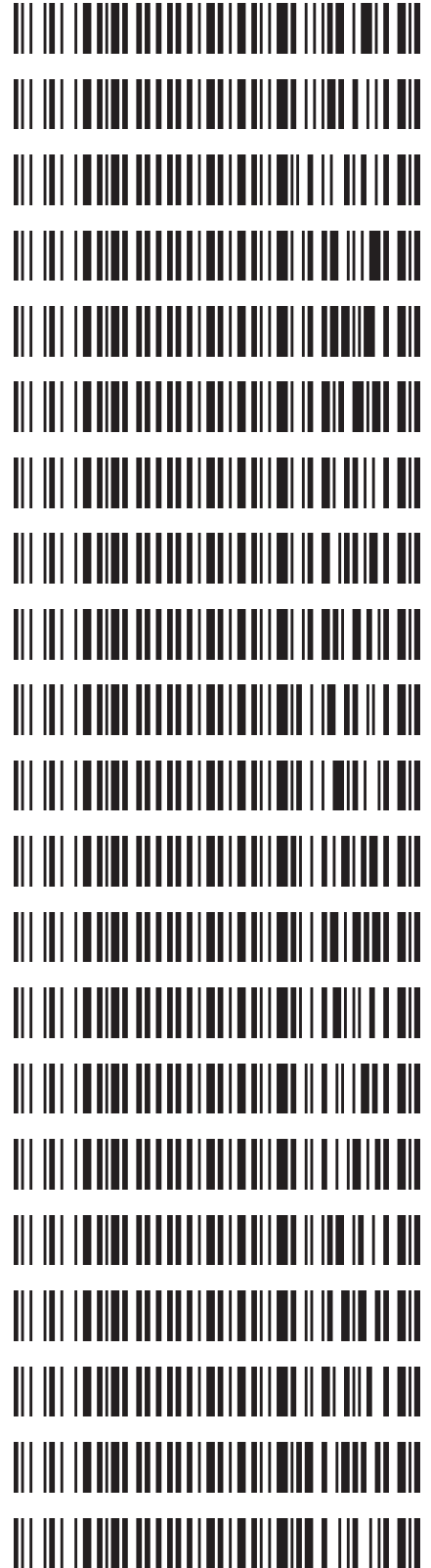


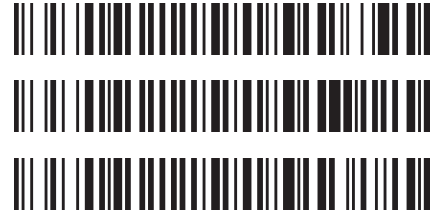
**Worklist: 6334**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2023-1443	1	BCK	Alcohol Analysis
M2023-1446	1	BCK	Alcohol Analysis
M2023-1457	2	BCK	Alcohol Analysis
M2023-1464	1	BCK	Alcohol Analysis
M2023-1465	1	BCK	Alcohol Analysis
M2023-1466	1	BCK	Alcohol Analysis
M2023-1467	1	BCK	Alcohol Analysis
M2023-1468	1	BCK	Alcohol Analysis
M2023-1469	1	BCK	Alcohol Analysis
M2023-1490	1	BCK	Alcohol Analysis
M2023-1493	1	BCK	Alcohol Analysis
M2023-1517	1	BCK	Alcohol Analysis
M2023-1518	1	BCK	Alcohol Analysis
M2023-1519	1	BCK	Alcohol Analysis
M2023-1535	1	BCK	Alcohol Analysis
M2023-1536	1	BCK	Alcohol Analysis
M2023-1537	1	BCK	Alcohol Analysis
M2023-1538	1	BCK	Alcohol Analysis
M2023-1544	1	BCK	Alcohol Analysis
M2023-1562	1	BCK	Alcohol Analysis
M2023-1566	1	BCK	Alcohol Analysis

**REVIEWED***By Galina Giso at 1:38 pm, Apr 13, 2023*

**Worklist: 6334**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2023-1577	1	BCK	Alcohol Analysis
M2023-1578	1	BCK	Alcohol Analysis
M2023-1579	1	BCK	Alcohol Analysis



*NB*

**Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles**

*Analytical Method(s): 1.0*

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

**Volatiles Quality Assurance Controls**

**Run Date(s):**

**4/12/23**

**Calibration Date: 4/7/23**

**Worklist #:**

**6334**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727-0.0889	0.0773 g/100cc	
					0.0816 g/100cc	
					g/100cc	
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2070 g/100cc	
					0.2107 g/100cc	
					g/100cc	
<b>Multi-Component mixture:</b>		<b>Exp:</b>	<b>Oct. 2024</b>	<b>Lot #</b>	FN06041902	
<b>Curve Fit:</b>			<b>Column 1</b>	0.99995	<b>Column2</b>	0.99995

**Ethanol Calibration Reference Material**

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0513	0.0513	0	0.0513
100	0.100	0.090 - 0.110	0.0993	0.0993	0	0.0993
200	0.200	0.180 - 0.220	0.2000	0.1999	0.0001	0.1999
300	0.300	0.270 - 0.330	0.2981	0.2982	0.0001	0.2981
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5010	0.5010	0	0.501

**Aqueous Controls**

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.078 g/100cc

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

**Internal Standard Monitoring Worksheet**

**Worklist #:** 6334      **Run Date(s):** 4/12/23

Internal Standard Solution:	Prep Date: 2/24/2023	Exp Date: 8/24/2023
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Sample Name	Column 1 Value	Column 2 Value
0.080	180269	195488
0.080	181856	197145
QC1	181843	197028
QC1	181629	197136
QC1	201325	218896
QC1	197882	215055
QC1		
QC1		
QC2	196236	213247
QC2	199752	217198
QC2	213105	231405
QC2	211973	230314
QC2		
QC2		

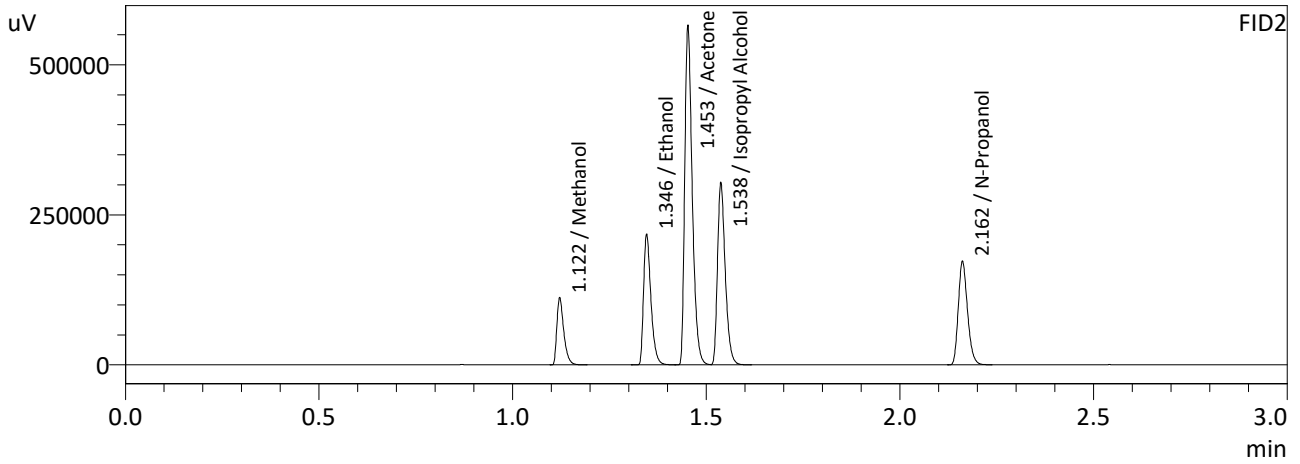
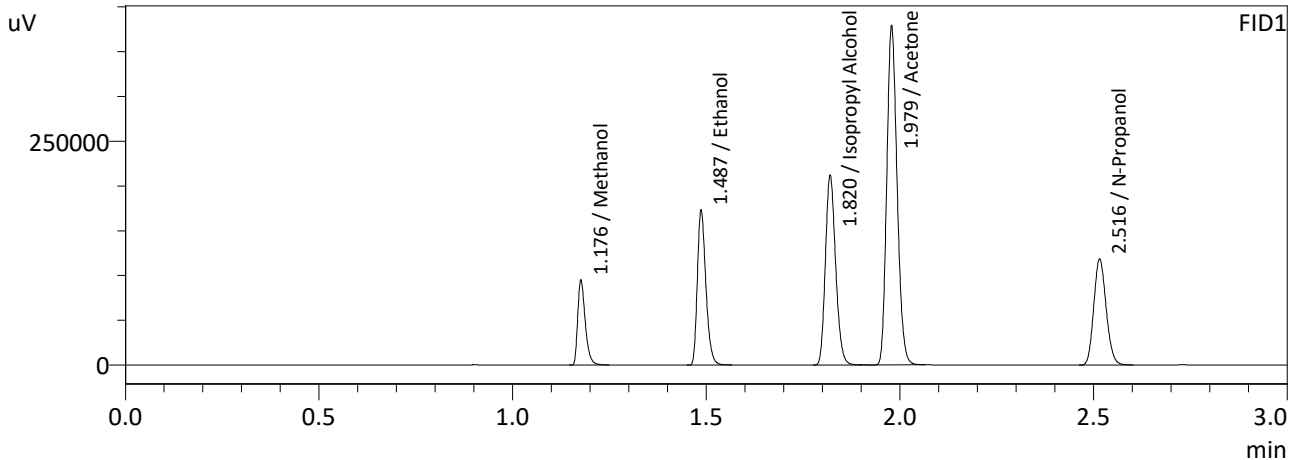
	Average	(-)20%	(+)20%
Column 1	194587.0	155669.6	233504.4
Column 2	211291.2	169033.0	253549.4

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

Sample Name : MIXED VOLATILES FN 06041902  
 Laboratory : Meridian  
 Injection Date : 4/12/2023 12:48:31 PM  
 Vial # : 2  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

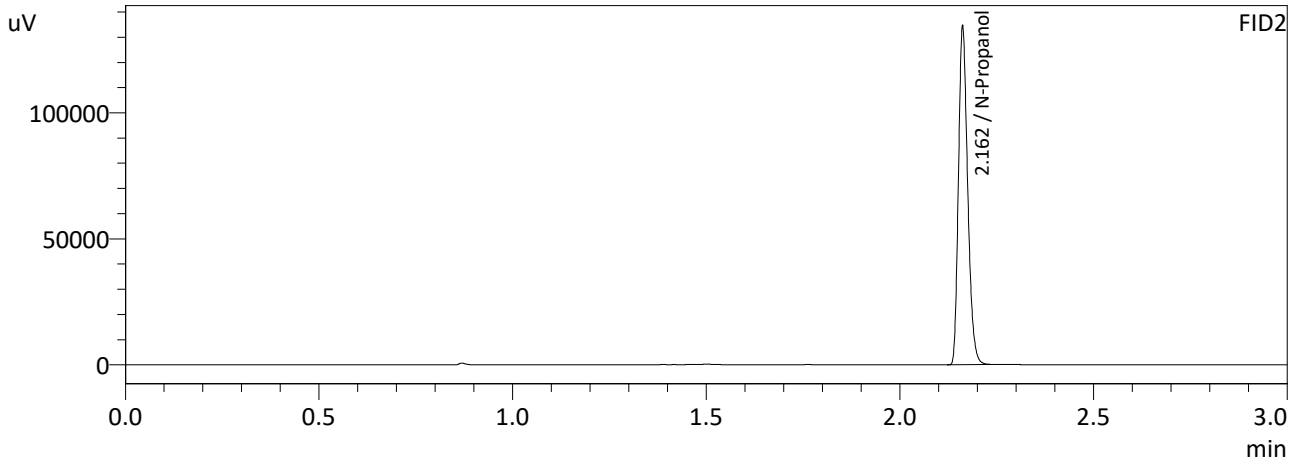
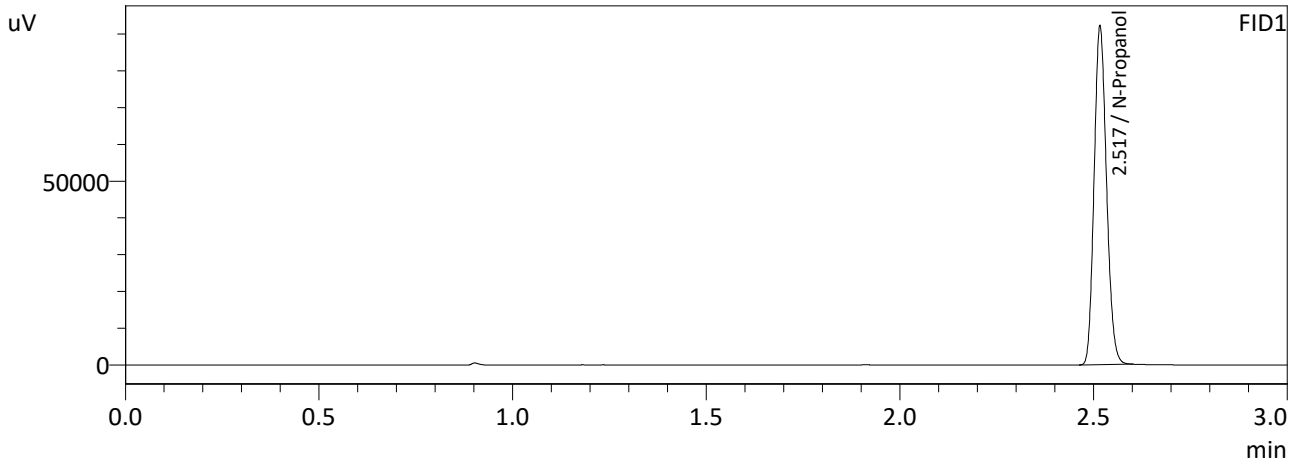
Name	Conc.	Area	Unit
Methanol	0.0000	128288	g/100cc
Ethanol	0.4519	264339	g/100cc
Isopropyl Alcohol	0.0000	389780	g/100cc
Acetone	0.0000	700813	g/100cc
N-Propanol	0.0000	262831	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	139207	g/100cc
Ethanol	0.4520	286025	g/100cc
Acetone	0.0000	760279	g/100cc
Isopropyl Alcohol	0.0000	422474	g/100cc
N-Propanol	0.0000	284649	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLK 2  
 Laboratory : Meridian  
 Injection Date : 4/12/2023 8:49:34 PM  
 Vial # : 61  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

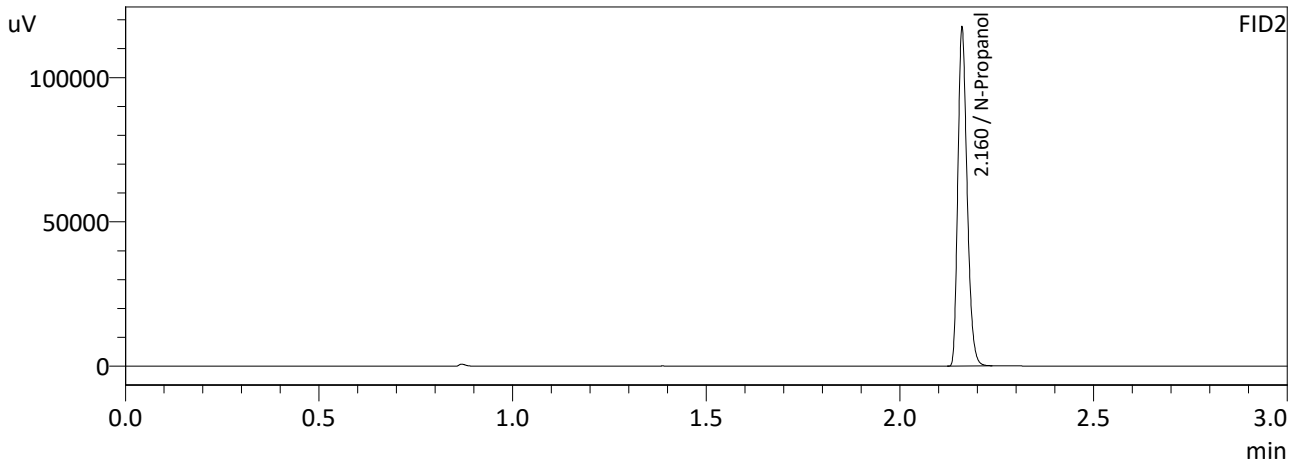
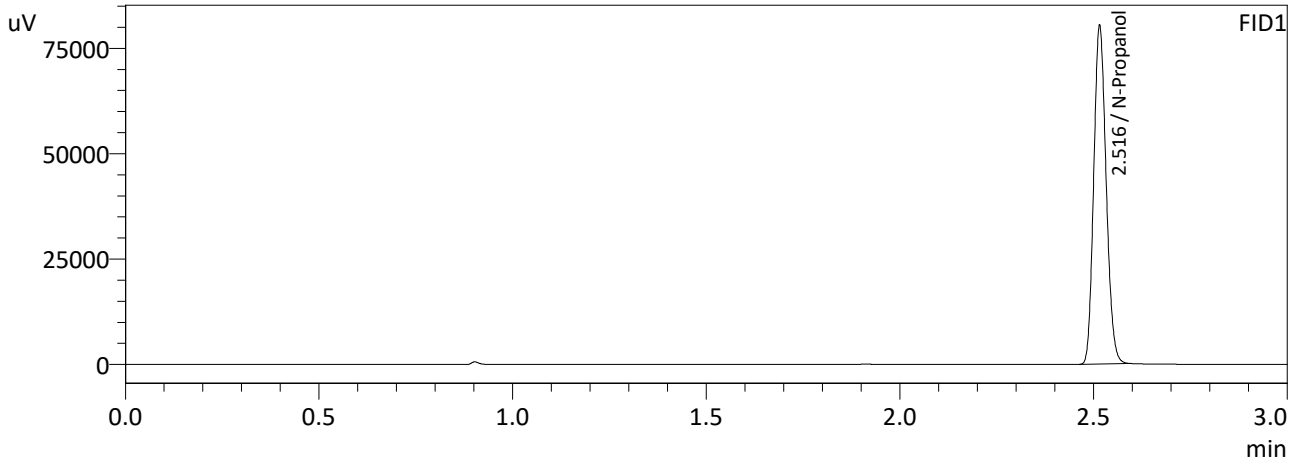
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	204704	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	222560	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLK 1  
 Laboratory : Meridian  
 Injection Date : 4/12/2023 12:41:11 PM  
 Vial # : 1  
 Method Filename : Default Project - ALCOHOL\_230407NB.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	179205	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	194616	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 4/12/2023 1:12:10 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0783	0.0783	0.0000	0.0783	0.0007	0.0786
(g/100cc)	0.0791	0.0790	0.0001	0.0790		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_230407NB.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.078	0.074	0.082	0.004

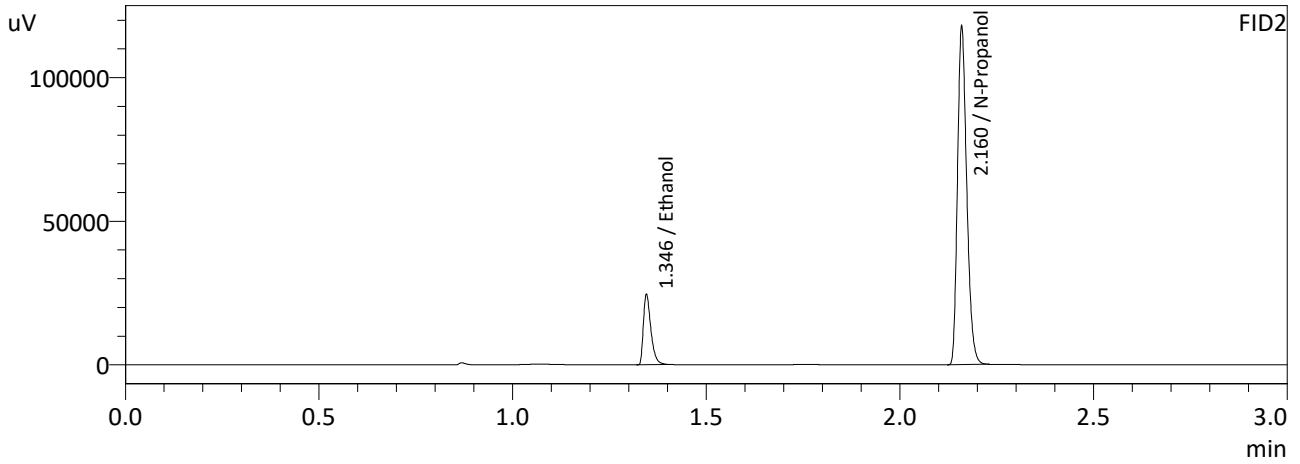
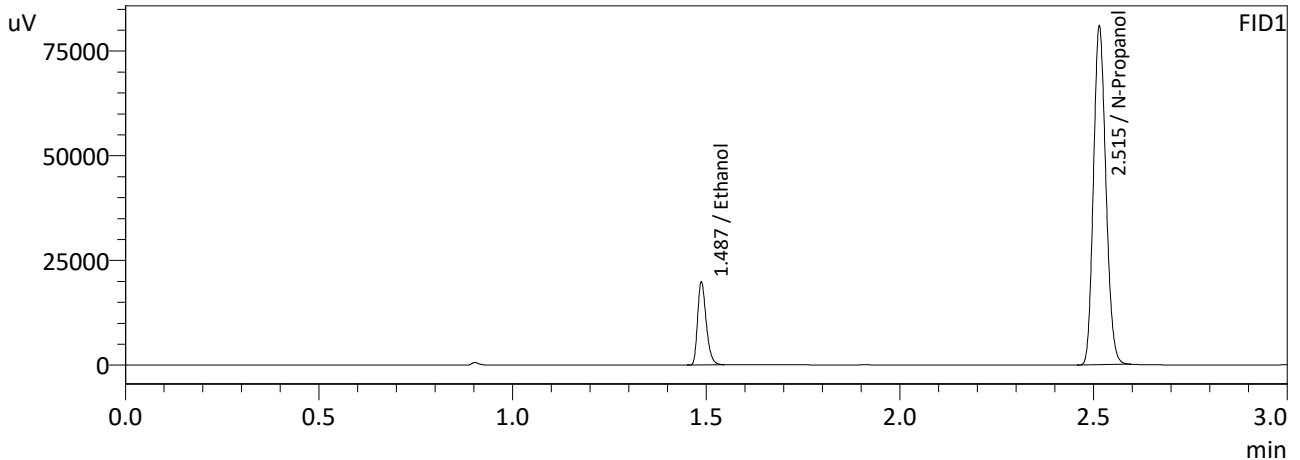
	Reported Results
	0.078

Calibration and control data are stored centrally.

NB



Sample Name : 0.08 QA  
 Laboratory : Meridian  
 Injection Date : 4/12/2023 1:12:10 PM  
 Vial # : 5  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

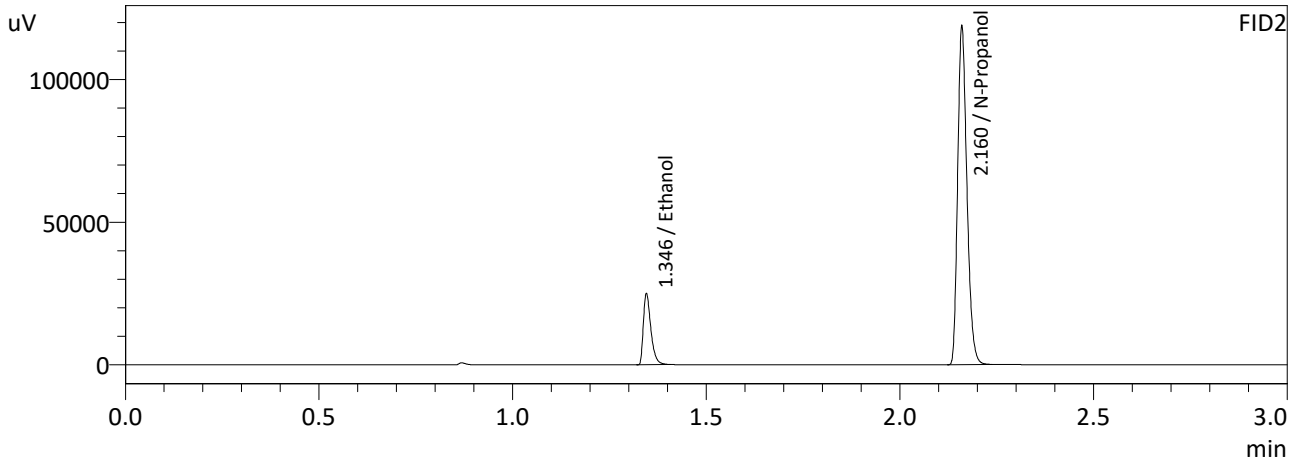
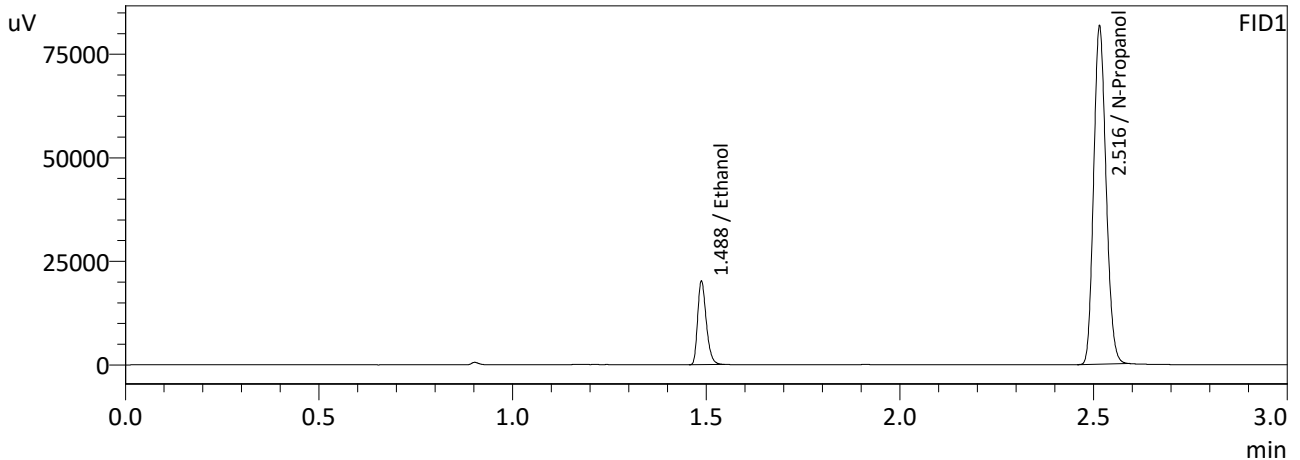
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0783	30574	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	180269	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0783	32939	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	195488	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.08 QA-B  
 Laboratory : Meridian  
 Injection Date : 4/12/2023 1:21:06 PM  
 Vial # : 6  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0791	31180	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181856	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0790	33524	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	197145	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1			Analysis Date(s): 4/12/2023 12:56:09 PM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0770	0.0772	0.0002	0.0771	0.0004	0.0773
(g/100cc)	0.0775	0.0776	0.0001	0.0775		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_230407NB.gcm

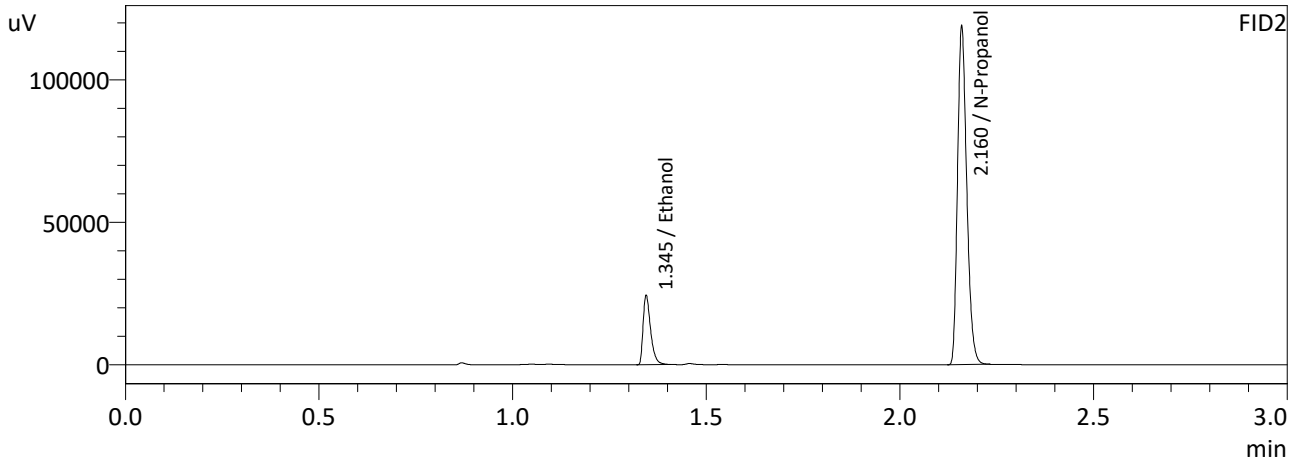
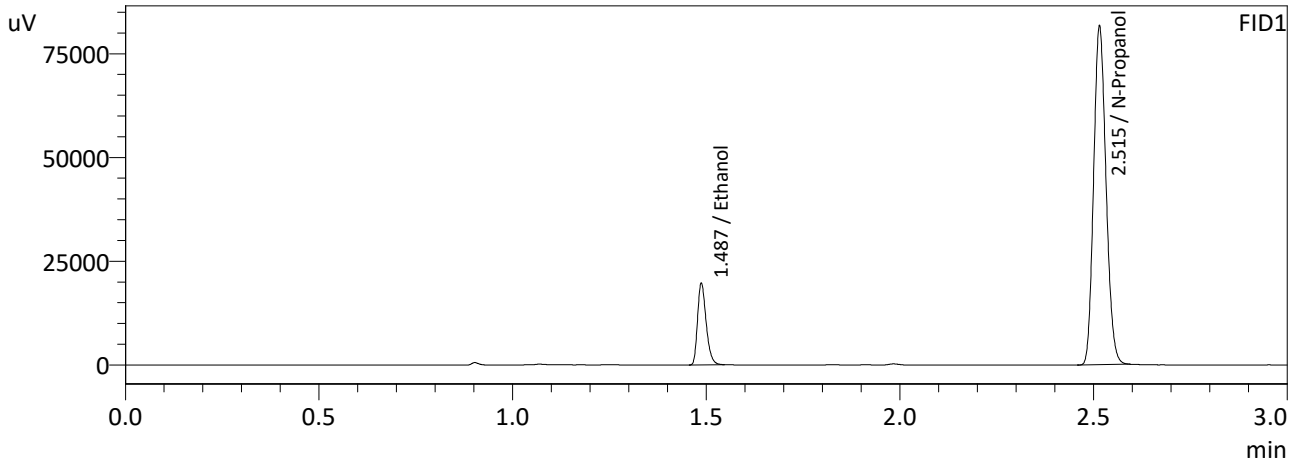
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.077	0.073	0.081	0.004

	Reported Results
	0.077

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-1  
 Laboratory : Meridian  
 Injection Date : 4/12/2023 12:56:09 PM  
 Vial # : 3  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

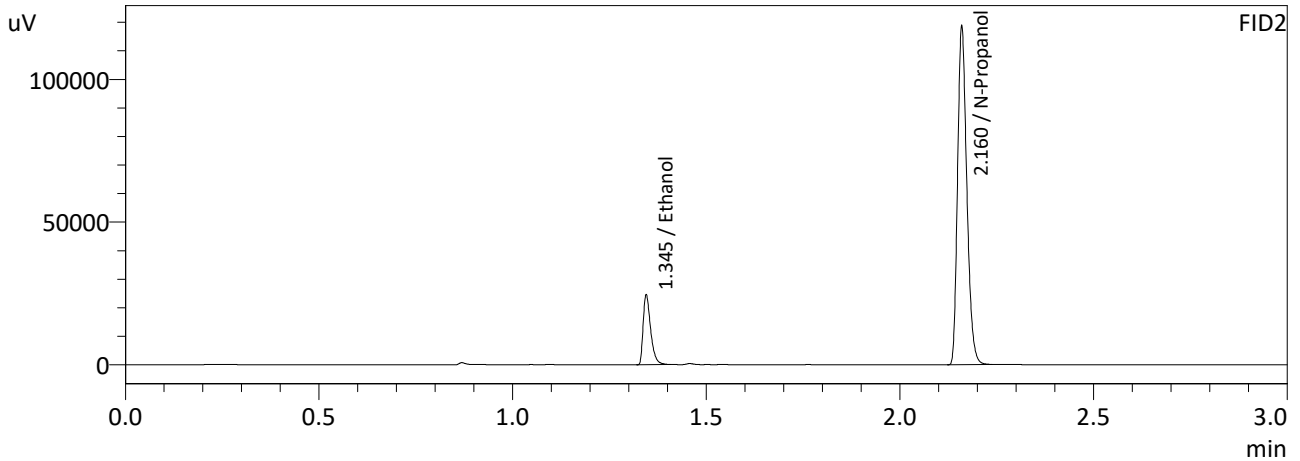
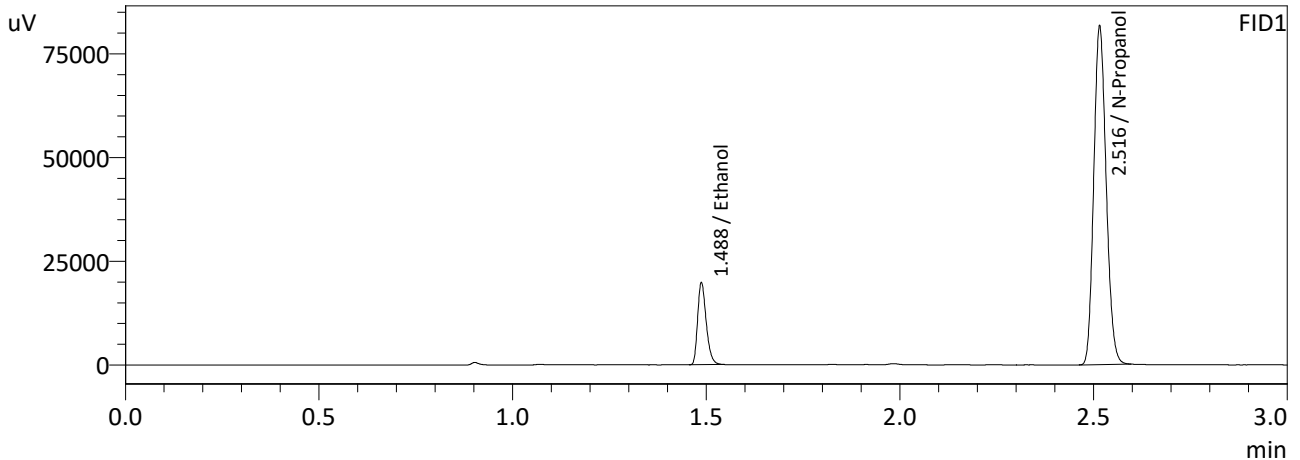
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0770	30338	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181843	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0772	32687	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	197028	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-1-B  
 Laboratory : Meridian  
 Injection Date : 4/12/2023 1:04:35 PM  
 Vial # : 4  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0775	30515	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181629	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0776	32906	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	197136	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2		Analysis Date(s): 4/12/2023 6:53:28 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0819	0.0819	0.0000	0.0819	0.0005	0.0816
(g/100cc)	0.0814	0.0815	0.0001	0.0814		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

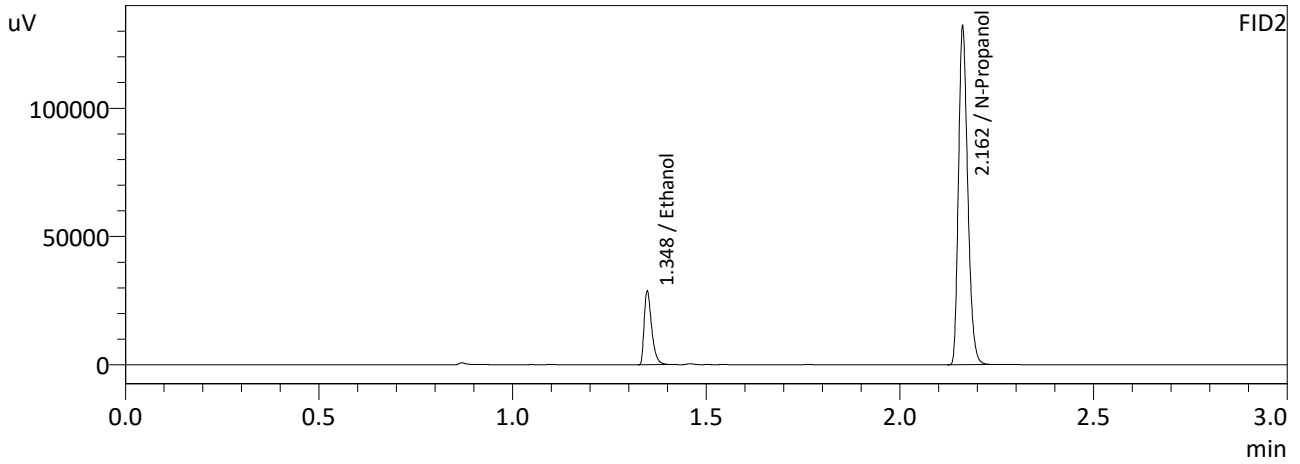
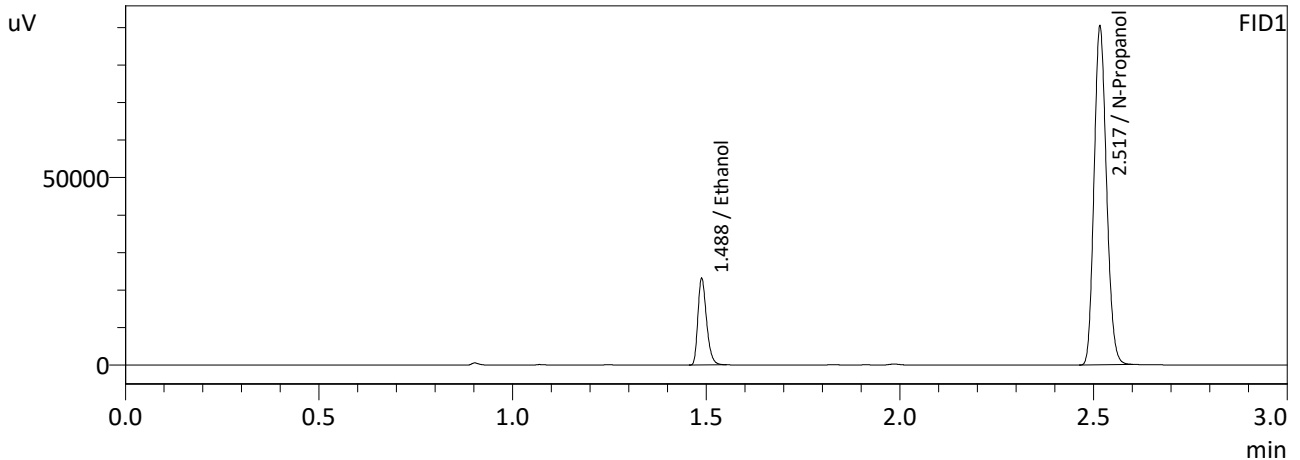
Refer To Instrument Method: ALCOHOL\_230407NB.gcm

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

	<b>Reported Results</b>	
	0.081	

Calibration and control data are stored centrally.

Sample Name : QC-1-2  
 Laboratory : Meridian  
 Injection Date : 4/12/2023 6:53:28 PM  
 Vial # : 47  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

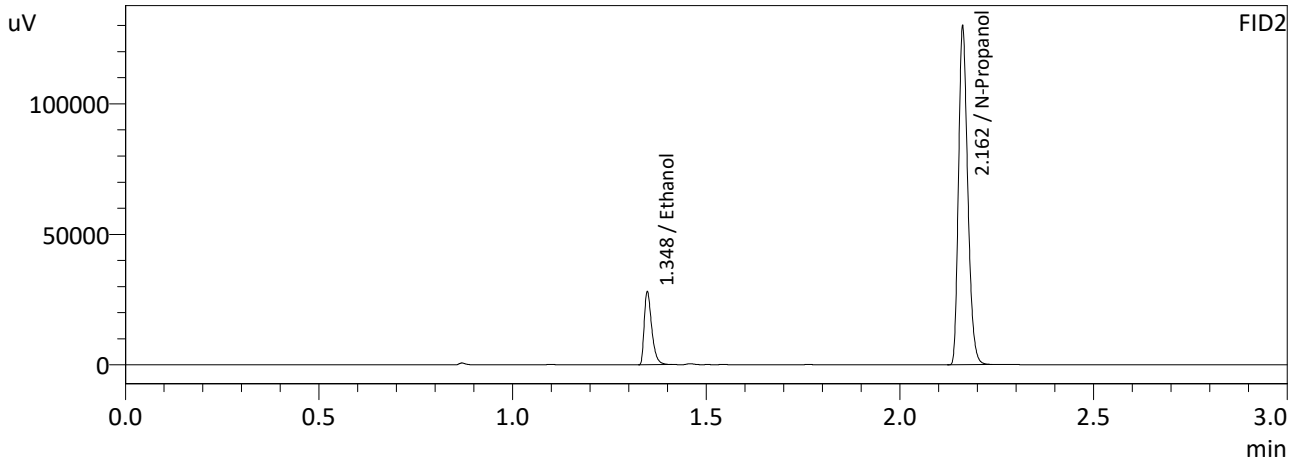
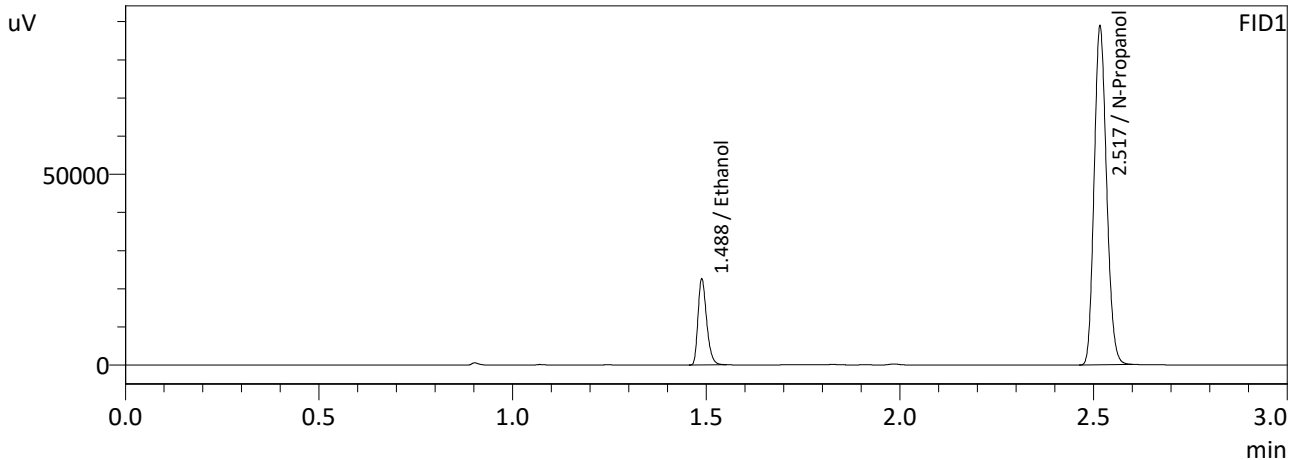
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0819	35783	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	201325	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0819	38620	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	218896	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-2-B  
 Laboratory : Meridian  
 Injection Date : 4/12/2023 7:03:01 PM  
 Vial # : 48  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0814	34967	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	197882	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0815	37733	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	215055	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB



VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1

Analysis Date(s): 4/12/2023 3:55:15 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2064	0.2067	0.0003	0.2065	0.0011	0.2070
(g/100cc)	0.2076	0.2076	0.0000	0.2076		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_230407NB.gcm

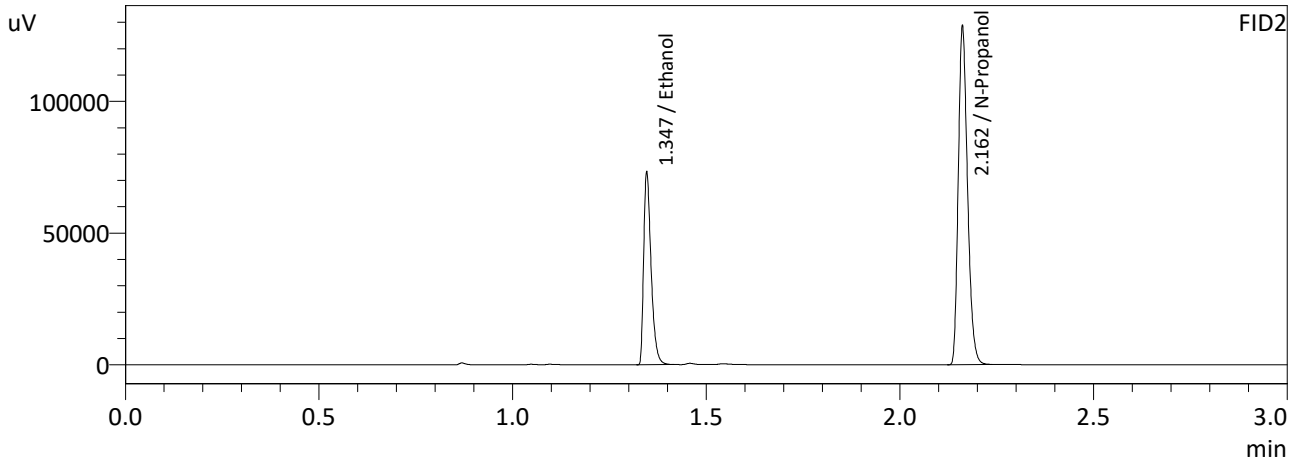
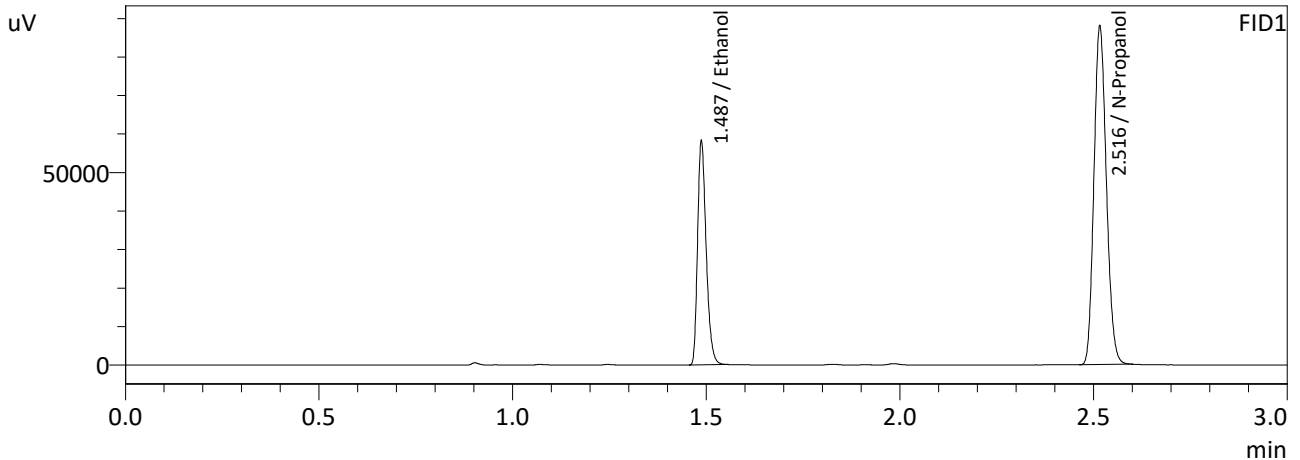
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.207	0.196	0.218	0.011

	Reported Results
	0.207

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-1  
 Laboratory : Meridian  
 Injection Date : 4/12/2023 3:55:15 PM  
 Vial # : 25  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

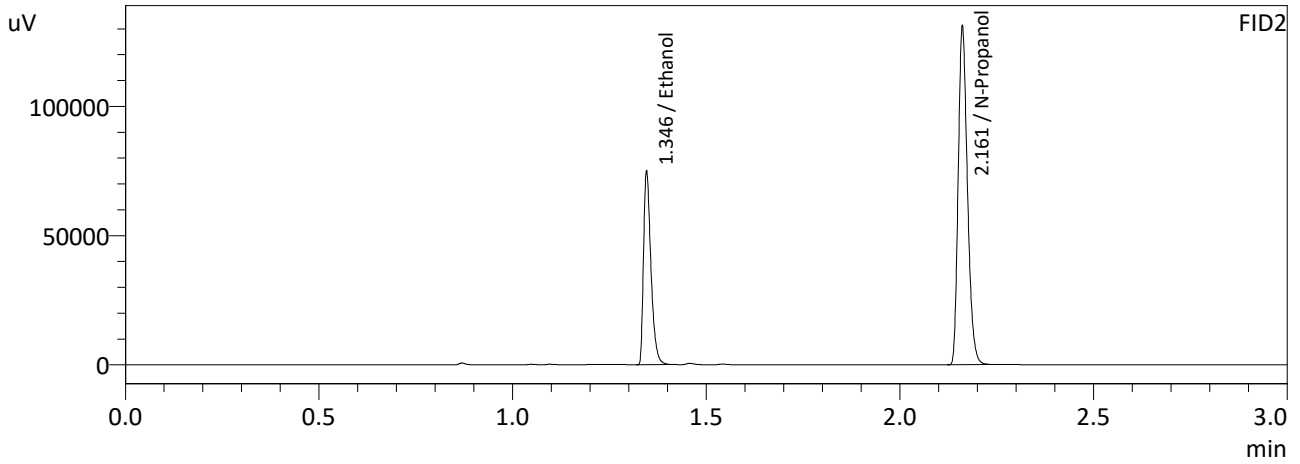
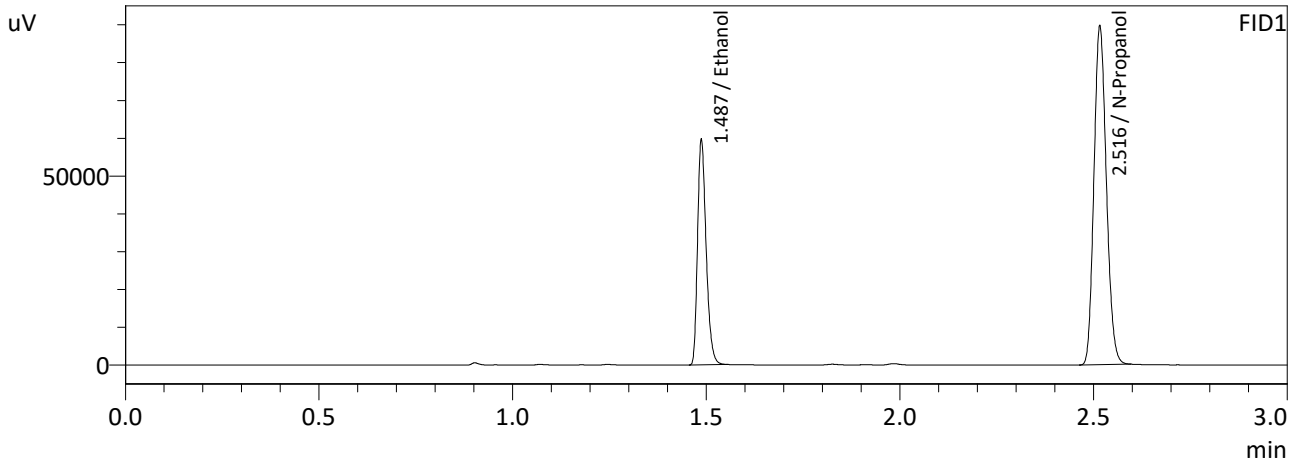
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2064	89548	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196236	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2067	97186	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	213247	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-1-B  
 Laboratory : Meridian  
 Injection Date : 4/12/2023 4:02:40 PM  
 Vial # : 26  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2076	91709	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	199752	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2076	99415	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	217198	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2			Analysis Date(s): 4/12/2023 8:33:01 PM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2107	0.2111	0.0004	0.2109	0.0003	0.2107
(g/100cc)	0.2106	0.2107	0.0001	0.2106		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_230407NB.gcm

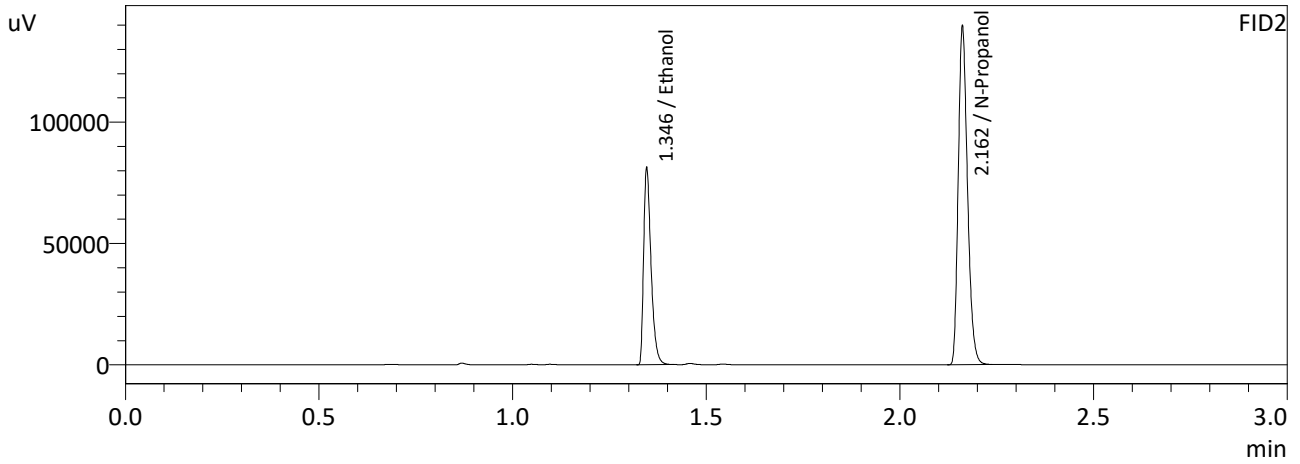
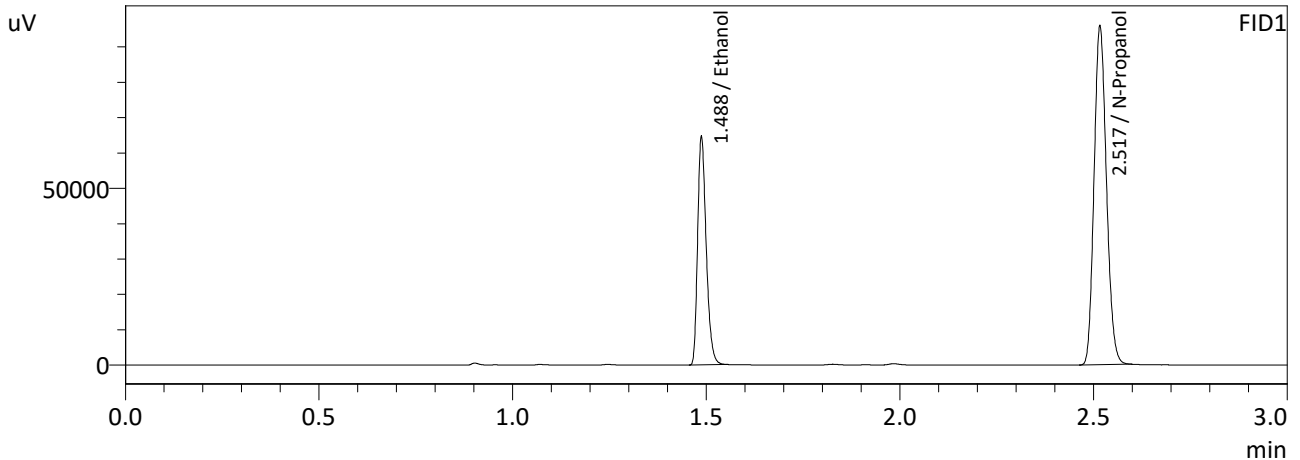
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.210	0.199	0.221	0.011

Reported Results	
0.210	

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-2  
 Laboratory : Meridian  
 Injection Date : 4/12/2023 8:33:01 PM  
 Vial # : 59  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

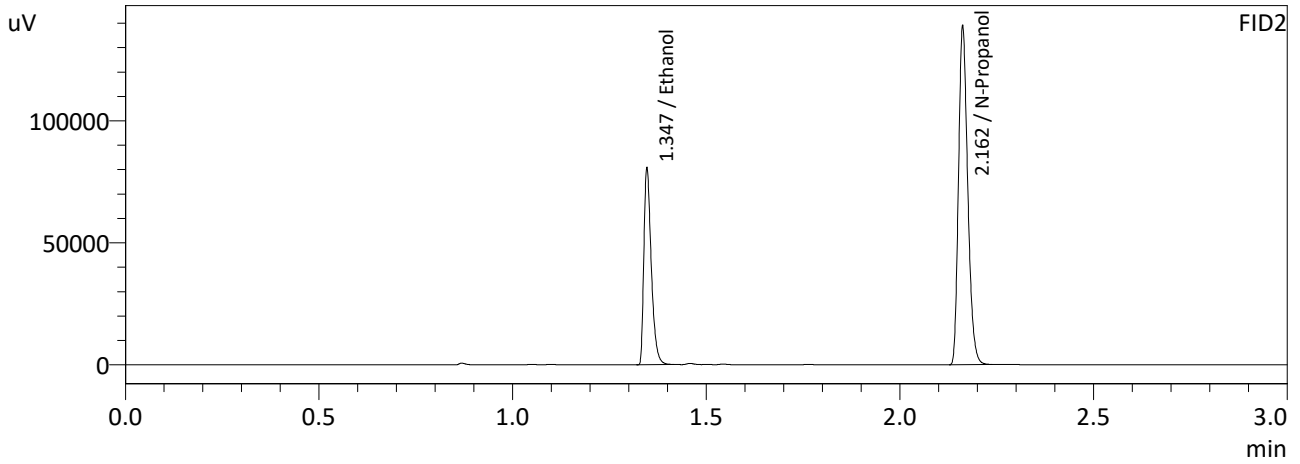
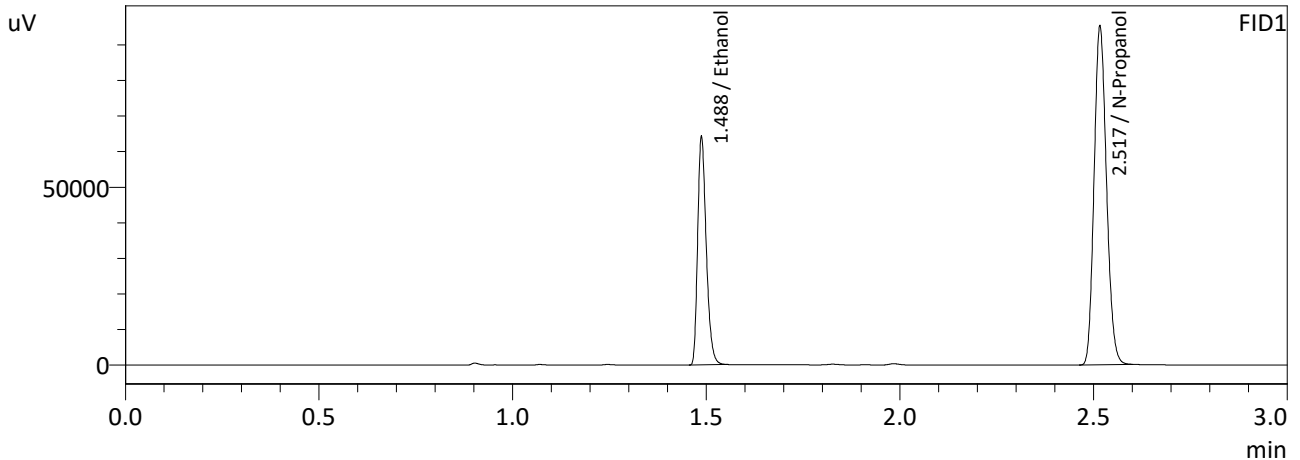
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2107	99303	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	213105	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2111	107766	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	231405	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-2-B  
 Laboratory : Meridian  
 Injection Date : 4/12/2023 8:42:24 PM  
 Vial # : 60  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2106	98747	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	211973	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2107	107026	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	230314	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

# Meridian Blood Alcohol Analysis Batch Table

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

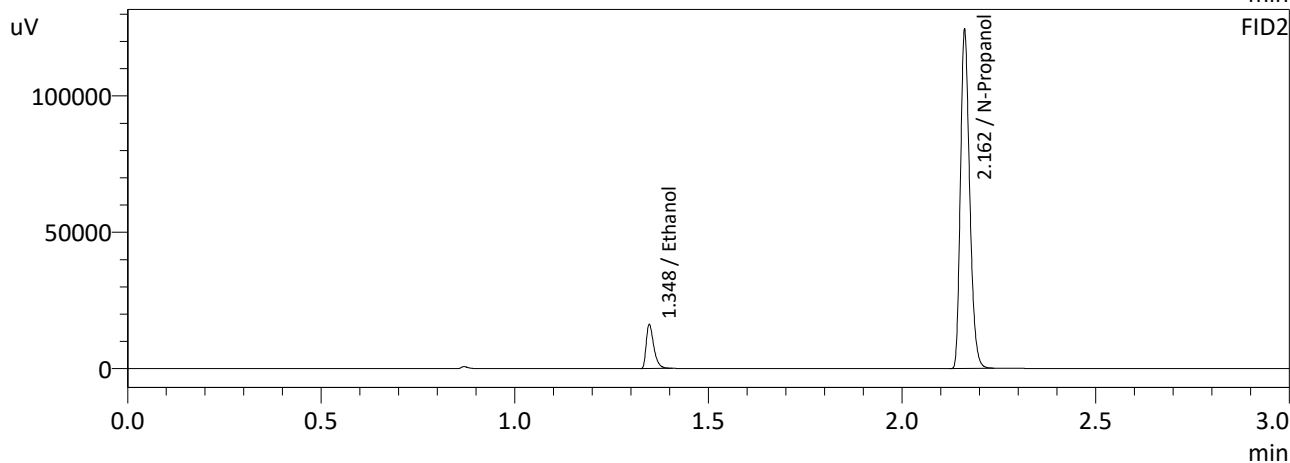
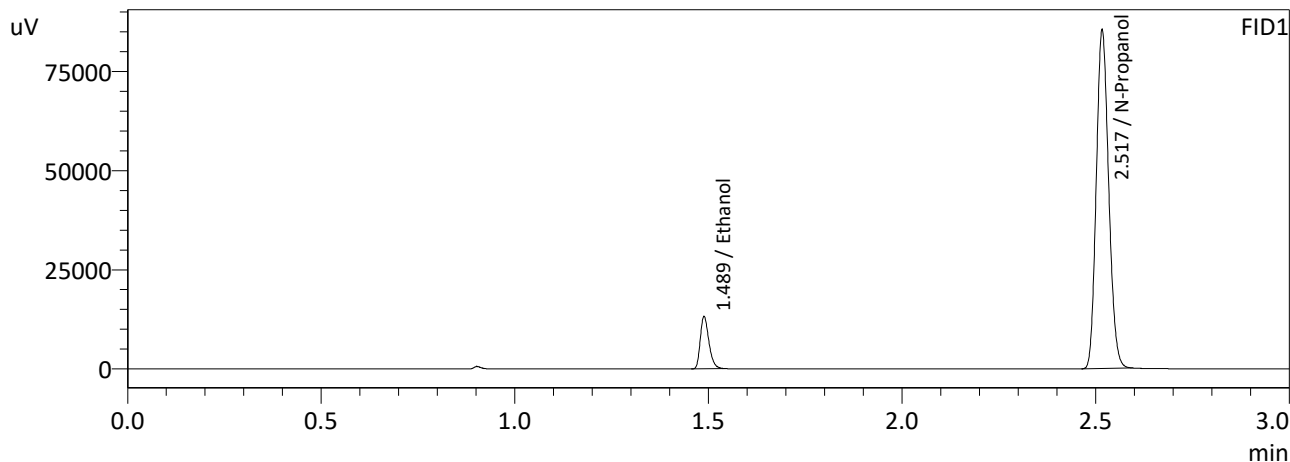
Vial#	Sample Name	Sample Type	Level#	Method File
1	INT STD BLK 1	0:Unknown	0	ALCOHOL 230407NB.gcm
2	ED VOLATILES FN 0604	0:Unknown	1	ALCOHOL 230407NB.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 230407NB.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 230407NB.gcm
6	0.08 QA-B	0:Unknown	0	ALCOHOL 230407NB.gcm
7	M2023-1443-1	0:Unknown	0	ALCOHOL 230407NB.gcm
8	M2023-1443-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
9	M2023-1446-1	0:Unknown	0	ALCOHOL 230407NB.gcm
10	M2023-1446-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
11	M2023-1457-2	0:Unknown	0	ALCOHOL 230407NB.gcm
12	M2023-1457-2-B	0:Unknown	0	ALCOHOL 230407NB.gcm
13	M2023-1464-1	0:Unknown	0	ALCOHOL 230407NB.gcm
14	M2023-1464-1B	0:Unknown	0	ALCOHOL 230407NB.gcm
15	M2023-1465-1	0:Unknown	0	ALCOHOL 230407NB.gcm
16	M2023-1465-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
17	M2023-1466-1	0:Unknown	0	ALCOHOL 230407NB.gcm
18	M2023-1466-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
19	M2023-1467-1	0:Unknown	0	ALCOHOL 230407NB.gcm
20	M2023-1467-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
21	M2023-1468-1	0:Unknown	0	ALCOHOL 230407NB.gcm
22	M2023-1468-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
23	M2023-1469-1	0:Unknown	0	ALCOHOL 230407NB.gcm
24	M2023-1469-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 230407NB.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
27	M2023-1490-1	0:Unknown	0	ALCOHOL 230407NB.gcm
28	M2023-1490-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
29	M2023-1493-1	0:Unknown	0	ALCOHOL 230407NB.gcm
30	M2023-1493-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
31	M2023-1517-1	0:Unknown	0	ALCOHOL 230407NB.gcm
32	M2023-1517-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
33	M2023-1518-1	0:Unknown	0	ALCOHOL 230407NB.gcm
34	M2023-1518-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
35	M2023-1519-1	0:Unknown	0	ALCOHOL 230407NB.gcm
36	M2023-1519-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
37	M2023-1535-1	0:Unknown	0	ALCOHOL 230407NB.gcm
38	M2023-1535-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
39	M2023-1536-1	0:Unknown	0	ALCOHOL 230407NB.gcm
40	M2023-1536-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
41	M2023-1537-1	0:Unknown	0	ALCOHOL 230407NB.gcm
42	M2023-1537-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
43	M2023-1538-1	0:Unknown	0	ALCOHOL 230407NB.gcm
44	M2023-1538-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
45	M2023-1544-1	0:Unknown	0	ALCOHOL 230407NB.gcm
46	M2023-1544-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
47	QC-1-2	0:Unknown	0	ALCOHOL 230407NB.gcm
48	QC-1-2-B	0:Unknown	0	ALCOHOL 230407NB.gcm
49	M2023-1562-1	0:Unknown	0	ALCOHOL 230407NB.gcm
50	M2023-1562-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
51	M2023-1566-1	0:Unknown	0	ALCOHOL 230407NB.gcm
52	M2023-1566-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
53	M2023-1577-1	0:Unknown	0	ALCOHOL 230407NB.gcm
54	M2023-1577-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
55	M2023-1578-1	0:Unknown	0	ALCOHOL 230407NB.gcm
56	M2023-1578-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
57	M2023-1579-1	0:Unknown	0	ALCOHOL 230407NB.gcm
58	M2023-1579-1-B	0:Unknown	0	ALCOHOL 230407NB.gcm
59	QC-2-2	0:Unknown	0	ALCOHOL 230407NB.gcm

Vial#	Sample Name	Sample Type	Level#	Method File
60	QC-2-2-B	0:Unknown	0	ALCOHOL 230407NB.gcm
61	INT STD BLK 2	0:Unknown	0	ALCOHOL 230407NB.gcm

NB



Sample Name : 0.050  
 Laboratory : Meridian  
 Injection Date : 4/7/2023 12:23:51 PM  
 Vial # : 1  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

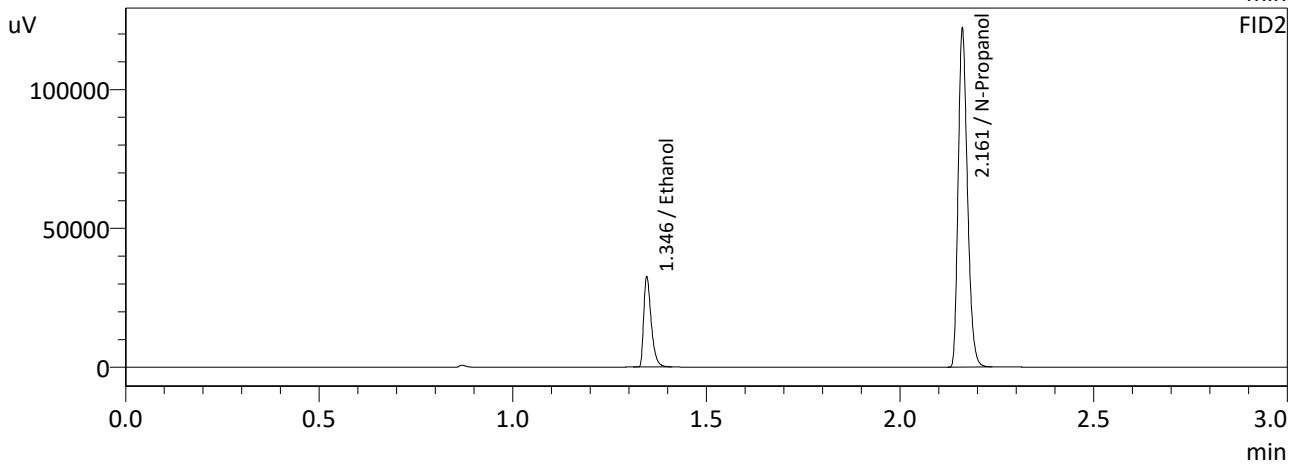
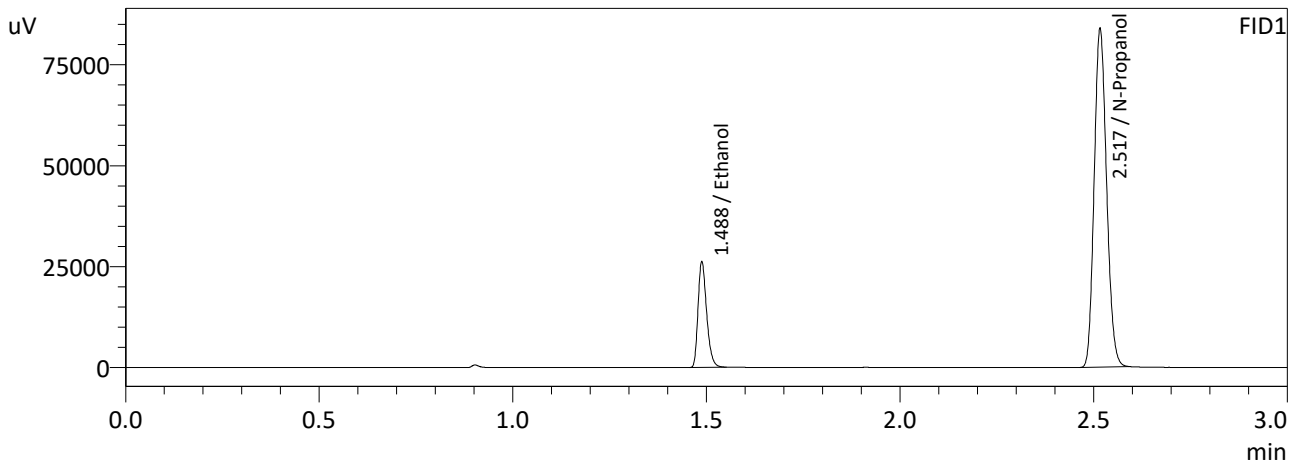
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0513	20434	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	190240	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0513	21883	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	206213	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.100  
 Laboratory : Meridian  
 Injection Date : 4/7/2023 12:31:11 PM  
 Vial # : 2  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

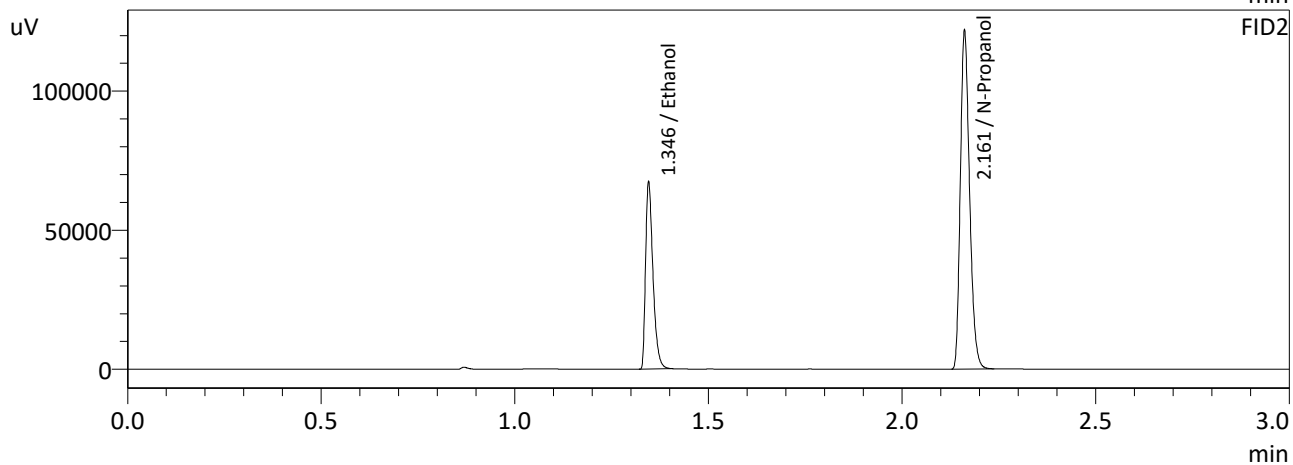
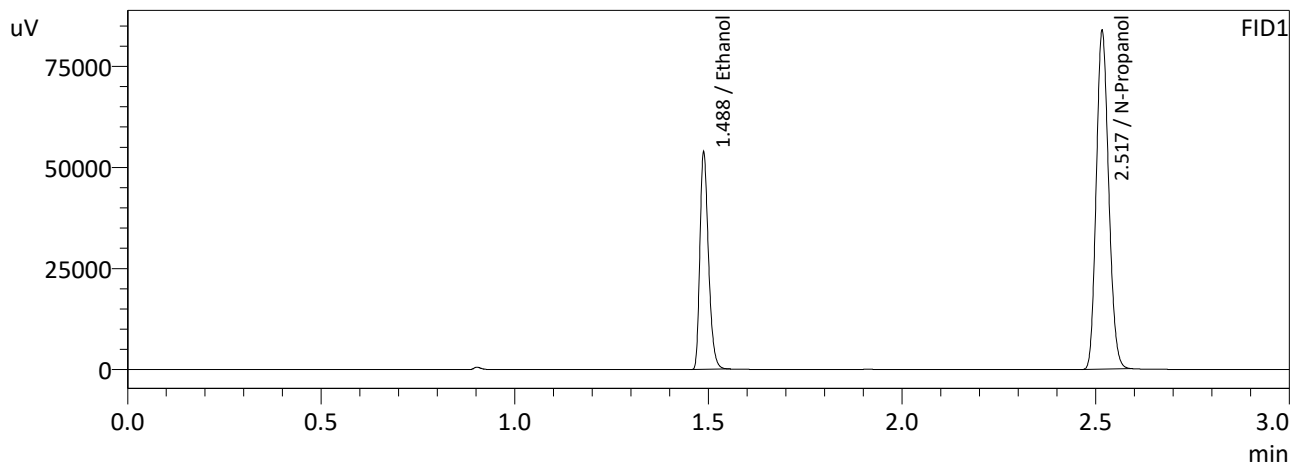
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0993	40365	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	186963	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0993	43501	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	202595	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.200  
 Laboratory : Meridian  
 Injection Date : 4/7/2023 12:38:48 PM  
 Vial # : 3  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

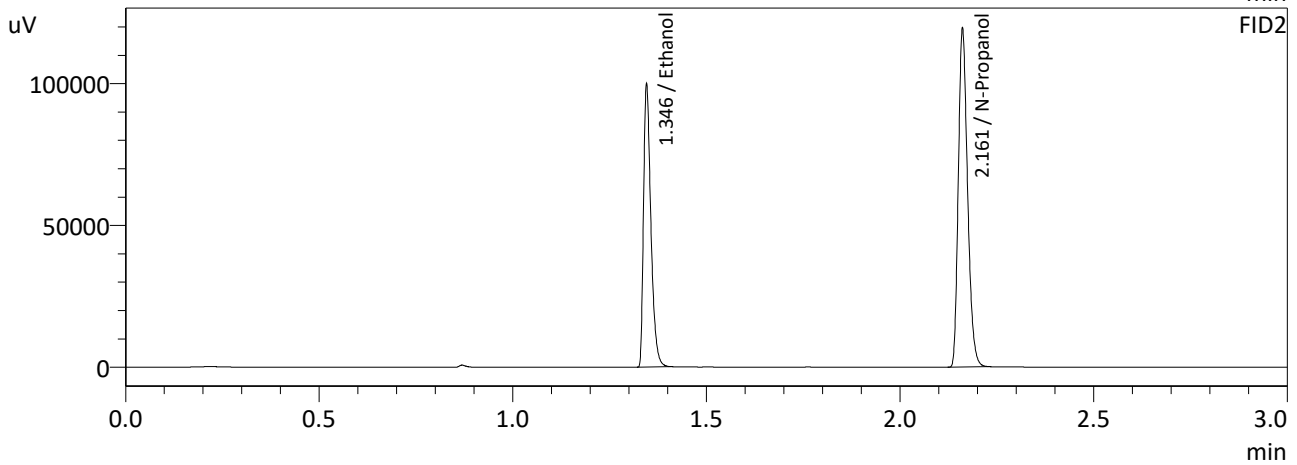
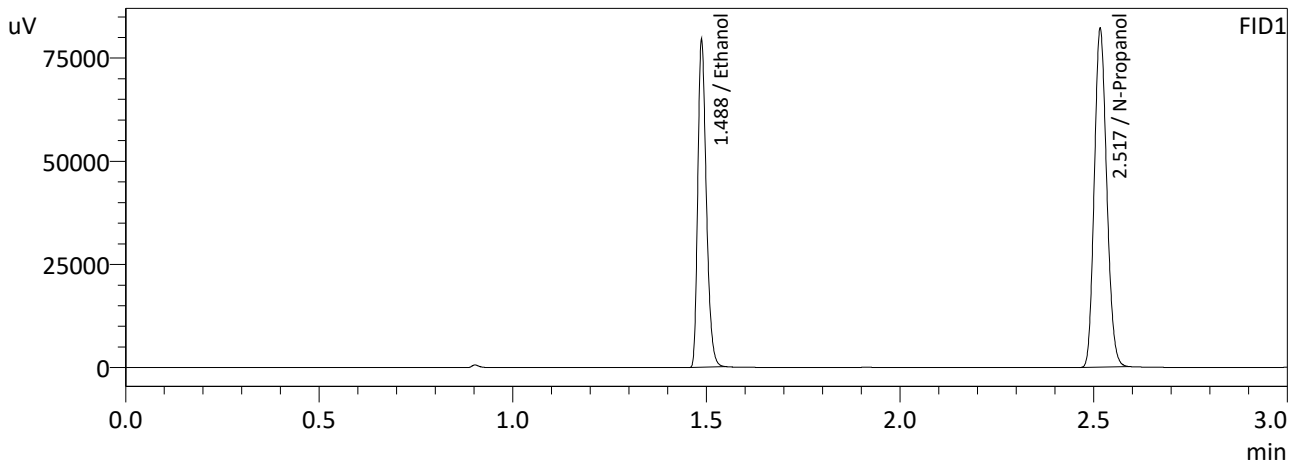
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2000	82756	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	186590	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1999	89324	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	202073	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.300  
 Laboratory : Meridian  
 Injection Date : 4/7/2023 12:47:15 PM  
 Vial # : 4  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

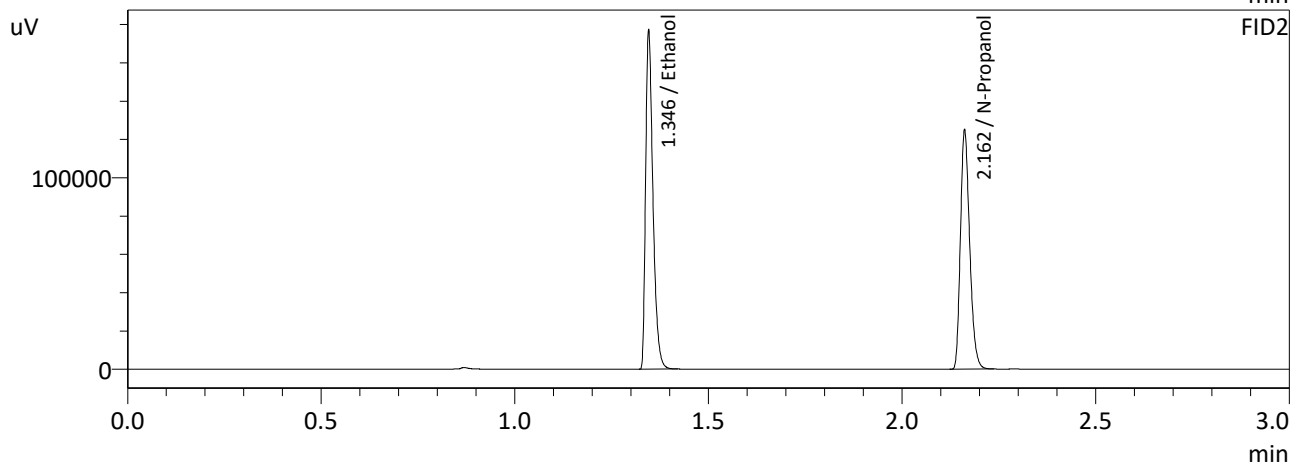
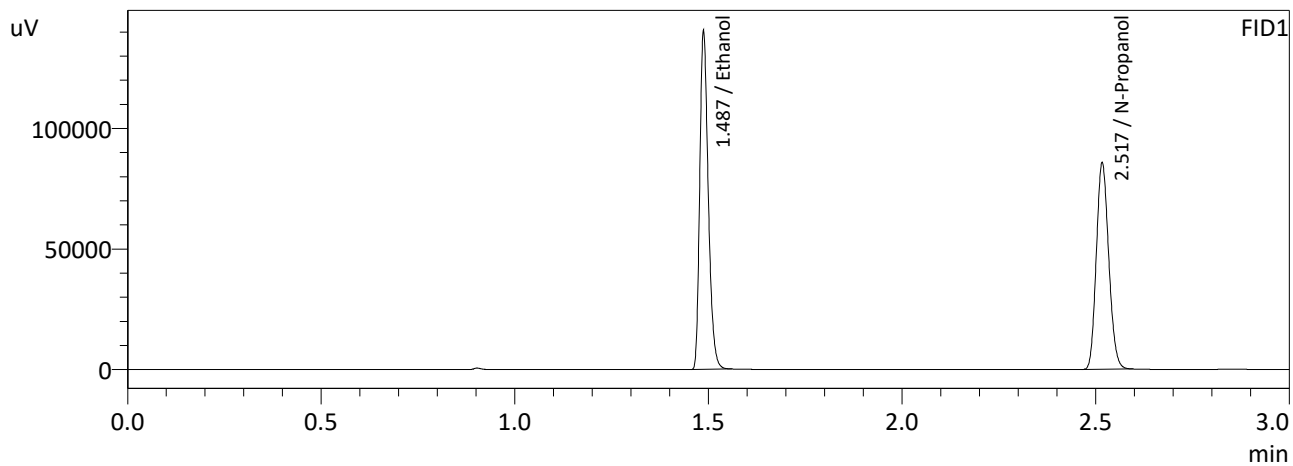
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2981	121739	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	183008	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2982	131718	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	198318	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.500  
 Laboratory : Meridian  
 Injection Date : 4/7/2023 12:55:02 PM  
 Vial # : 5  
 Method Filename : Default Project - ALCOHOL\_230407NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

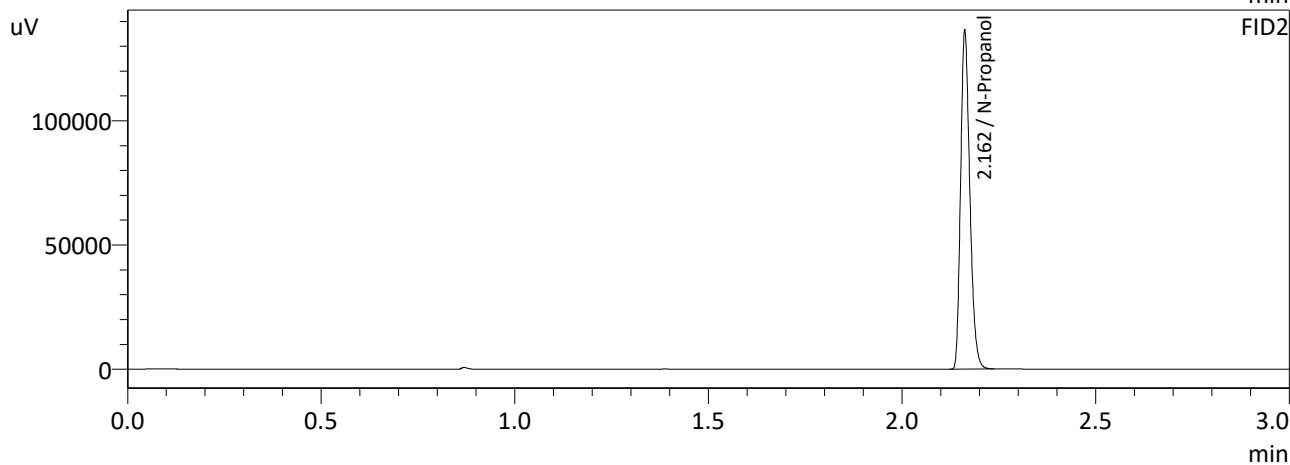
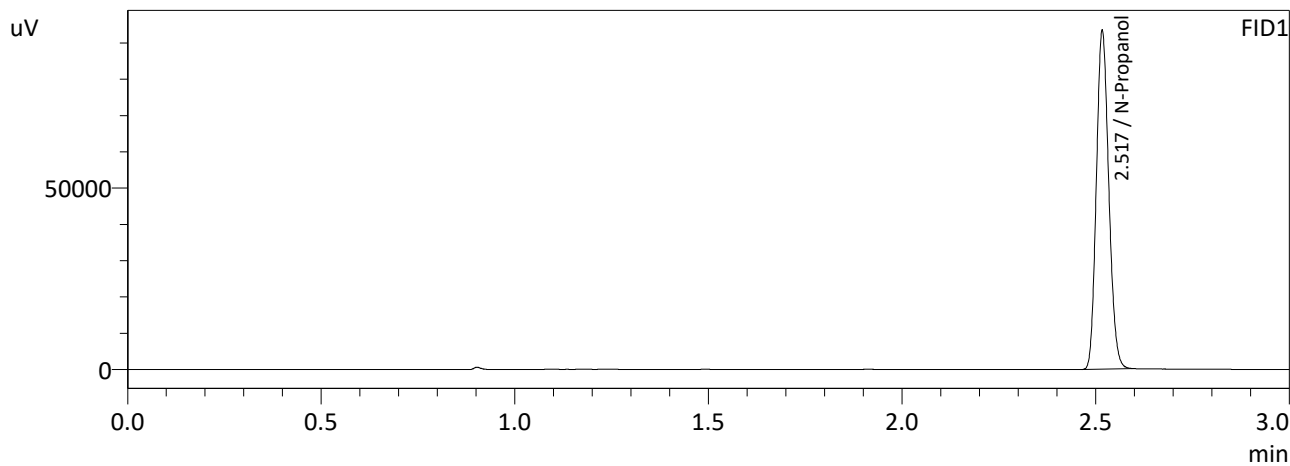
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5010	214806	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	191148	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5010	232656	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	207239	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLK  
 Laboratory : Meridian  
 Injection Date : 4/7/2023 1:03:37 PM  
 Vial # : 6  
 Method Filename : Default Project - ALCOHOL\_230407NB.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	208171	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	225755	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

# Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548  
Shimadzu HS-20 Serial #C12595800409  
Lab Solutions Database Software Ver. 6.111  
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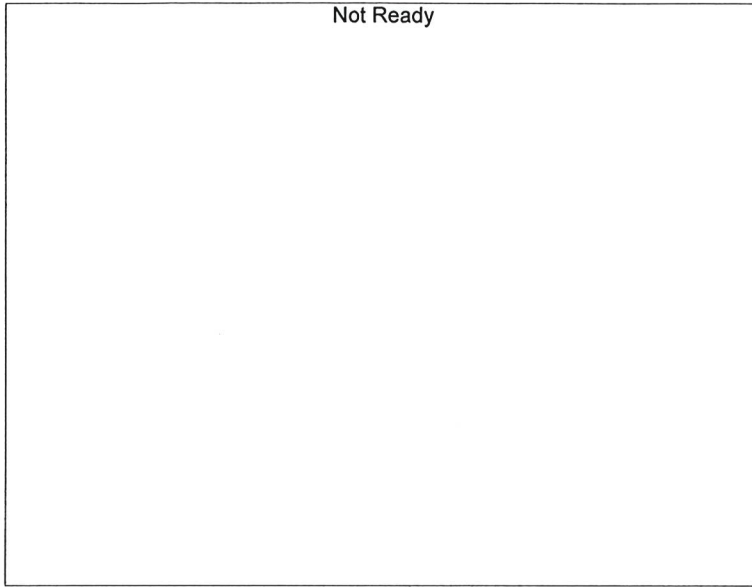
Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL 230407NB.gcm
2	0.100	1:Standard	2	ALCOHOL 230407NB.gcm
3	0.200	1:Standard	3	ALCOHOL 230407NB.gcm
4	0.300	1:Standard	4	ALCOHOL 230407NB.gcm
5	0.500	1:Standard	5	ALCOHOL 230407NB.gcm
6	INT STD BLK	0:Unknown	0	ALCOHOL 230407NB.gcm

NB

# Calibration Table

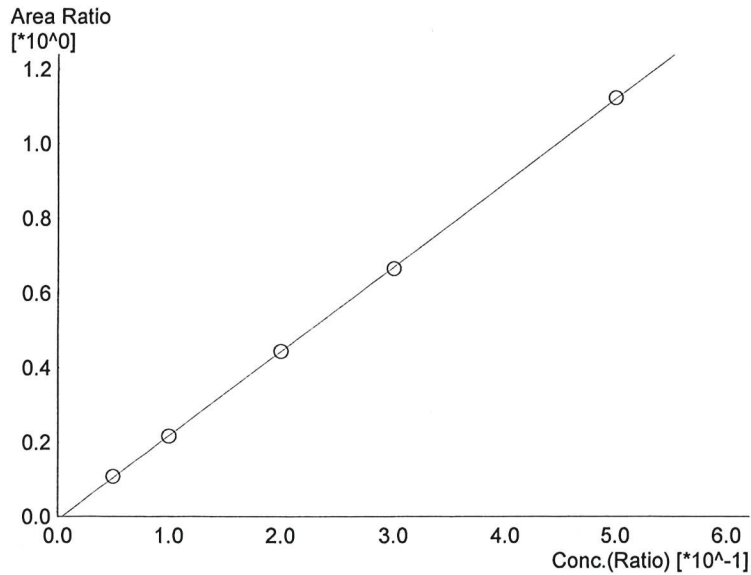
Laboratory : MERIDIAN  
 Instrument Name : GC-BAC  
 Instrument Serial # : C12595800409 / C12255750548

<<Data File>>  
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 Batch File :Default Project - CALCURVE\_230407.gcb  
 Date Acquired :4/7/2023 12:55:02 PM  
 Date Created :4/7/2023 12:50:19 PM  
 Date Modified :4/7/2023 12:58:04 PM



Name : Methanol  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

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

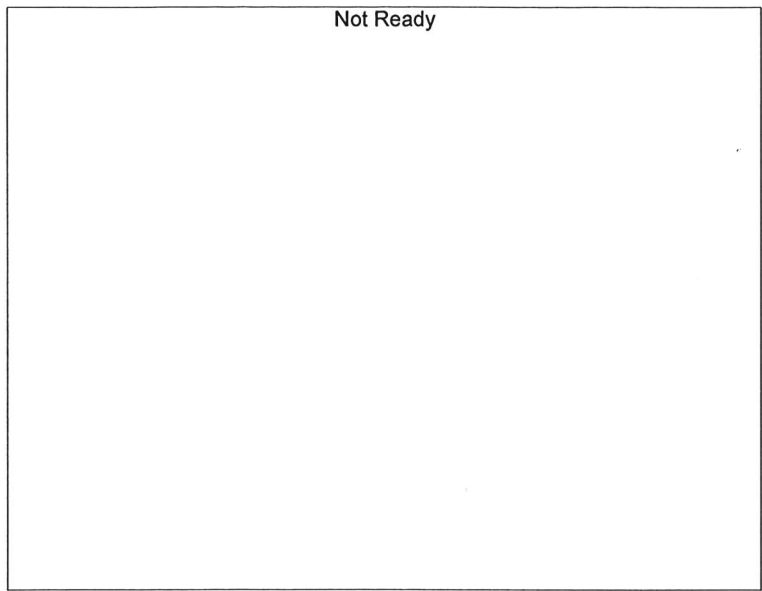


Name : Ethanol  
 Detector Name: FID1  
 Function :  $f(x)=2.25996*x-0.00862818$   
 R<sup>2</sup> value= 0.9999473  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	20434	0.0513
2	0.100	40365	0.0993
3	0.200	82756	0.2000
4	0.300	121739	0.2981
5	0.500	214806	0.5010

NB





Name : Isopropyl Alcohol  
Detector Name: FID1  
Function :  $f(x)=0*x+0$   
R<sup>2</sup> value= 0  
FitType: Linear  
ZeroThrough: Not Through

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



Name : Acetone  
Detector Name: FID1  
Function :  $f(x)=0*x+0$   
R<sup>2</sup> value= 0  
FitType: Linear  
ZeroThrough: Not Through

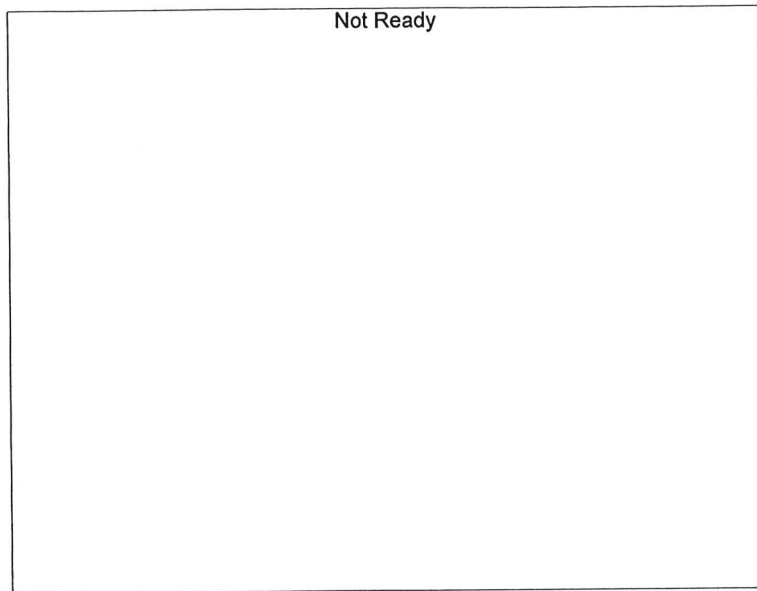
#	Conc.	Area	Std. Conc.
---	-------	------	------------



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

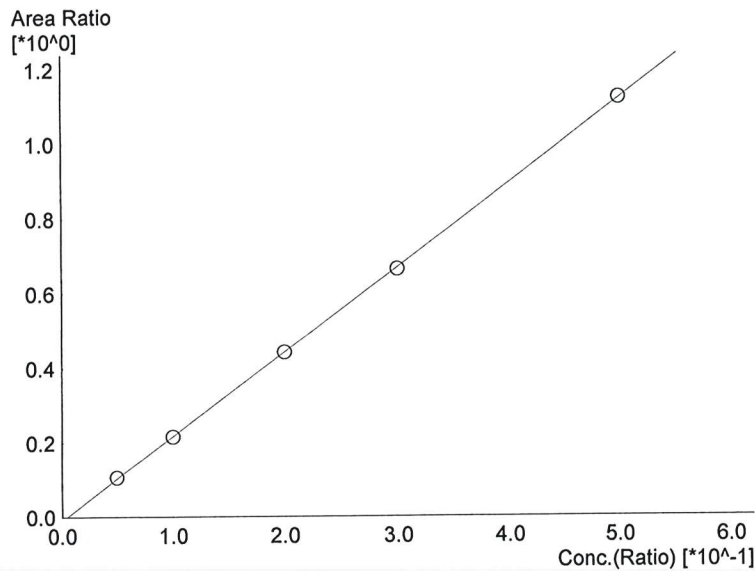
#	Conc.	Area	Std. Conc.
---	-------	------	------------

NB



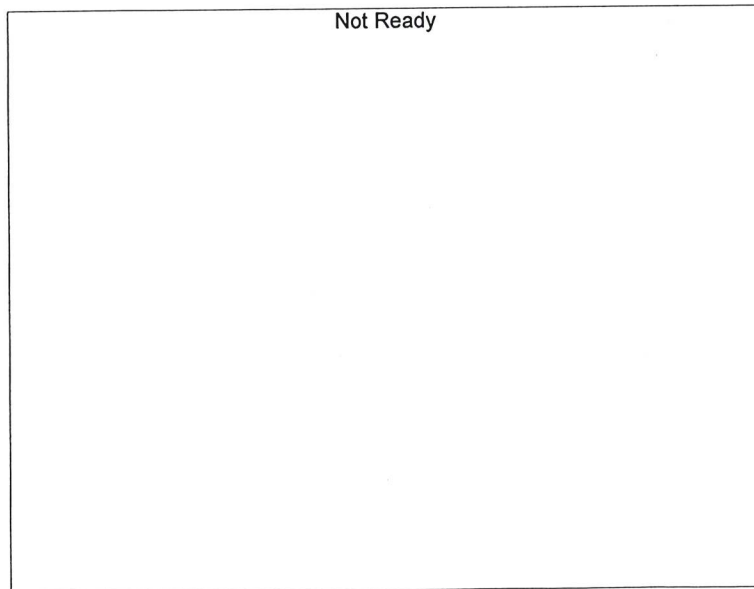
Name : Methanol  
 Detector Name: FID2  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

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



Name : Ethanol  
 Detector Name: FID2  
 Function :  $f(x)=2.26040*x-0.00995233$   
 R<sup>2</sup> value= 0.9999497  
 FitType: Linear  
 ZeroThrough: Not Through

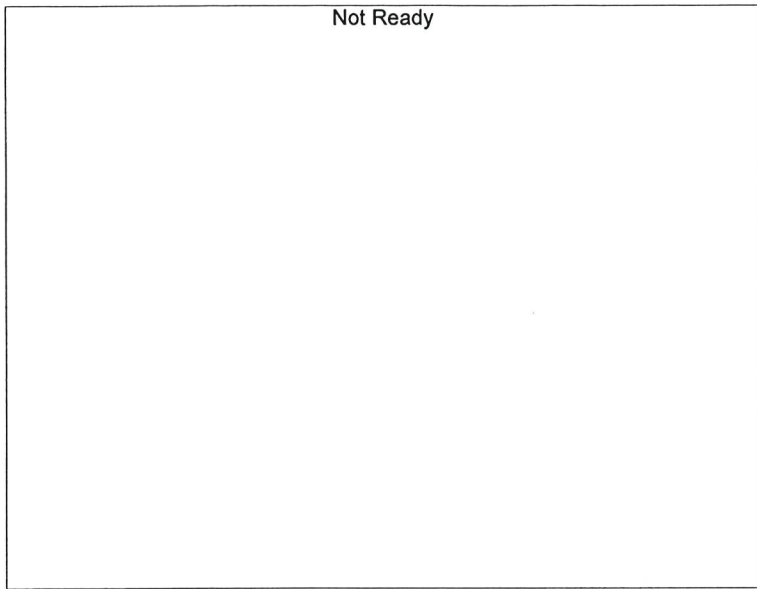
#	Conc.	Area	Std. Conc.
1	0.050	21883	0.0513
2	0.100	43501	0.0993
3	0.200	89324	0.1999
4	0.300	131718	0.2982
5	0.500	232656	0.5010



Name : Acetone  
 Detector Name: FID2  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

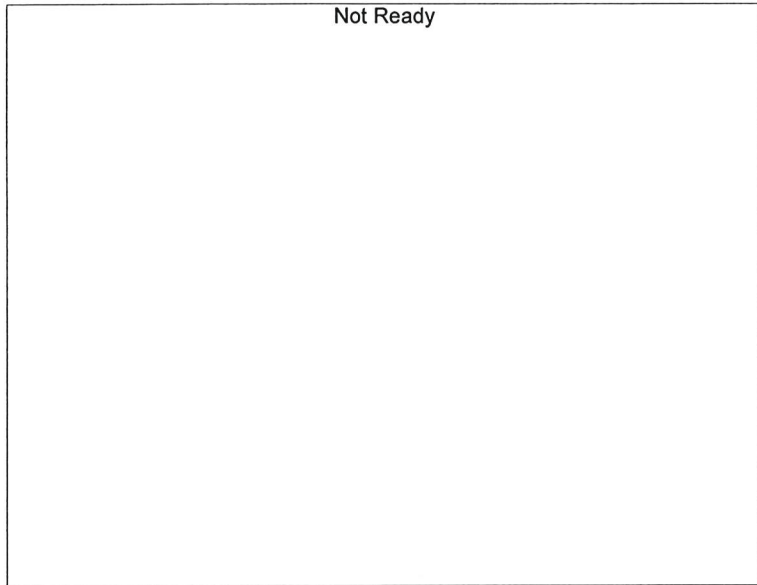
#	Conc.	Area	Std. Conc.
---	-------	------	------------

NB



Name : Isopropyl Alcohol  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R<sup>2</sup> 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<sup>2</sup> value= 0  
FitType: Linear  
ZeroThrough: Not Through

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

NB