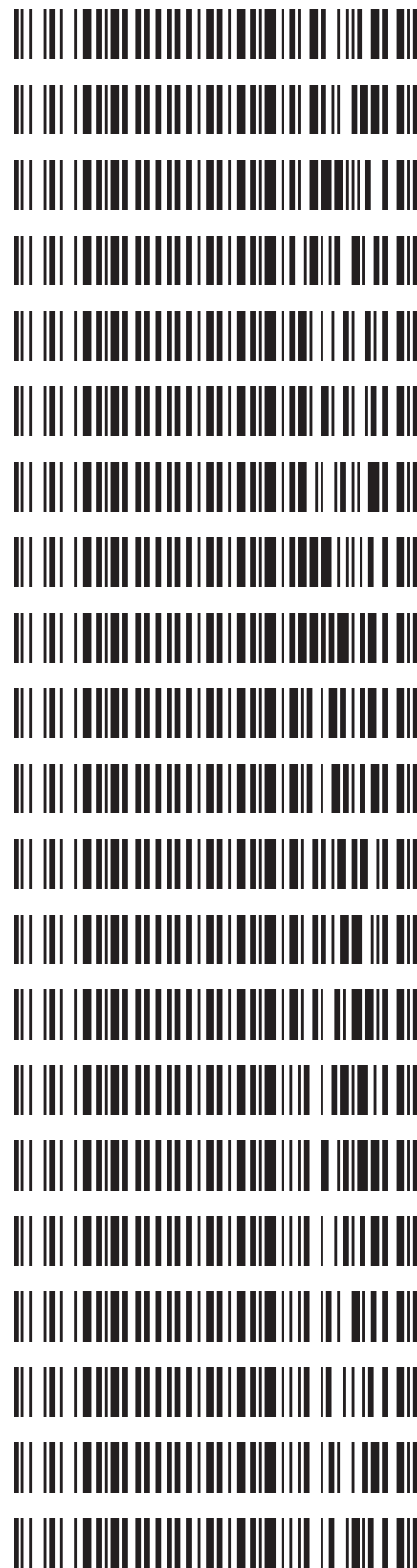


**Worklist: 6396**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2023-2324	1	BCK	Alcohol Analysis
M2023-2325	1	BCK	Alcohol Analysis
M2023-2326	1	BCK	Alcohol Analysis
M2023-2340	1	BCK	Alcohol Analysis
M2023-2342	1	BCK	Alcohol Analysis
M2023-2343	1	BCK	Alcohol Analysis
M2023-2356	1	BCK	Alcohol Analysis
M2023-2367	1	BCK	Alcohol Analysis
M2023-2368	1	BCK	Alcohol Analysis
M2023-2370	1	BCK	Alcohol Analysis
M2023-2382	1	BCK	Alcohol Analysis
M2023-2385	1	BCK	Alcohol Analysis
M2023-2386	1	BCK	Alcohol Analysis
M2023-2400	1	BCK	Alcohol Analysis
M2023-2454	1	BCK	Alcohol Analysis
M2023-2463	1	BCK	Alcohol Analysis
M2023-2466	1	BCK	Alcohol Analysis
M2023-2467	1	BCK	Alcohol Analysis
M2023-2468	1	BCK	Alcohol Analysis
M2023-2469	1	BCK	Alcohol Analysis
M2023-2470	1	BCK	Alcohol Analysis

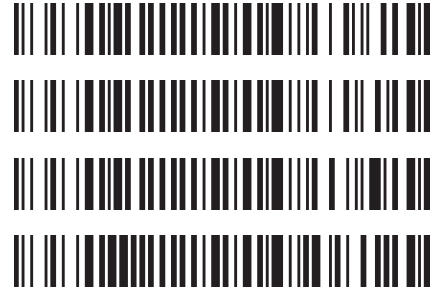


*NB*

**REVIEWED**  
By Jeremy Johnston at 1:41 pm, Jun 08, 2023

**Worklist: 6396**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2023-2471	1	BCK	Alcohol Analysis
M2023-2472	1	BCK	Alcohol Analysis
M2023-2473	1	BCK	Alcohol Analysis
<b>P2023-1607</b>	1	BCK	Alcohol Analysis



P2023-1607-1: performed QUALITATIVE analysis only.

NB

**REVIEWED**

*By Jeremy Johnston at 1:41 pm, Jun 08, 2023*

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

*Analytical Method(s): 1.0*

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

**Volatiles Quality Assurance Controls Run Date(s): 6/7/23-6/8/23**

**Calibration Date: 6/7/23**

**Worklist #: 6396**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727-0.0889	0.0785 g/100cc	
					0.0831 g/100cc	
					g/100cc	
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2090 g/100cc	
					0.2092 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>	0.99985	<b>Column2</b>	0.99987

**Ethanol Calibration Reference Material**

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0519	0.0520	1E-04	0.0519
100	0.100	0.090 - 0.110	0.1003	0.1000	0.0003	0.1001
200	0.200	0.180 - 0.220	0.1986	0.1987	1E-04	0.1986
300	0.300	0.270 - 0.330	0.2970	0.2973	0.0003	0.2971
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5020	0.5018	0.0002	0.5019

**Aqueous Controls**

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

### Internal Standard Monitoring Worksheet

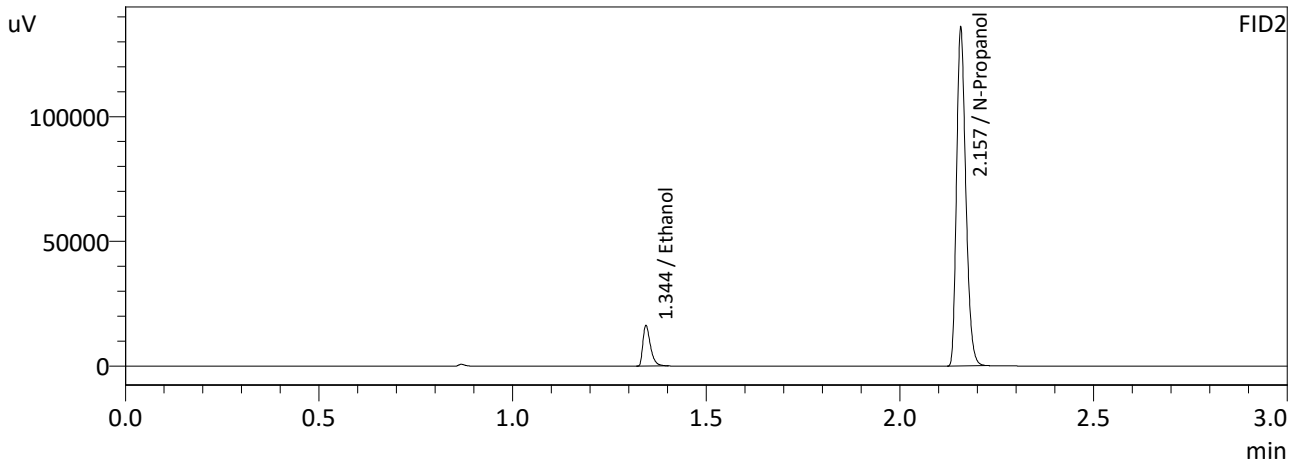
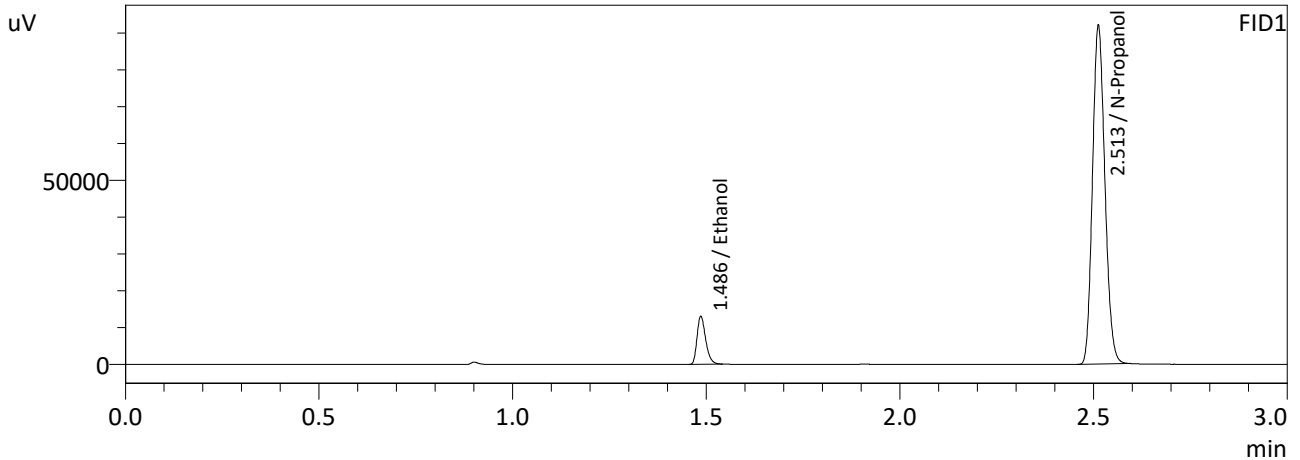
<b>Worklist #:</b>	<b>6396</b>	<b>Run Date(s):</b>	<b>6/7/23-6/8/23</b>
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Internal Standard Solution:	Prep Date:	6/6/2023	Exp Date:	12/6/2023
-----------------------------	------------	----------	-----------	-----------

Sample Name	Column 1 Value	Column 2 Value
0.080	206885	227332
0.080	206260	226770
QC1	205653	225699
QC1	211741	232504
QC1	245326	269391
QC1	249694	274374
QC1		
QC1		
QC2	228515	250724
QC2	235413	258503
QC2	244180	267604
QC2	248501	272225
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	228216.8	182573.4	273860.2
Column 2	250512.6	200410.1	300615.1

Sample Name : 0.050  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 12:03:34 PM  
 Vial # : 1  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

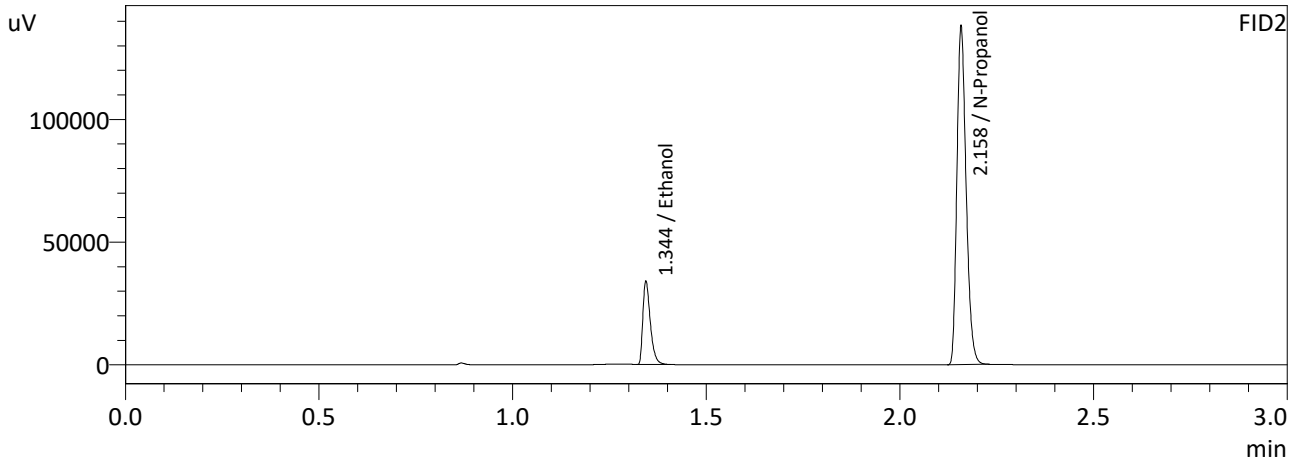
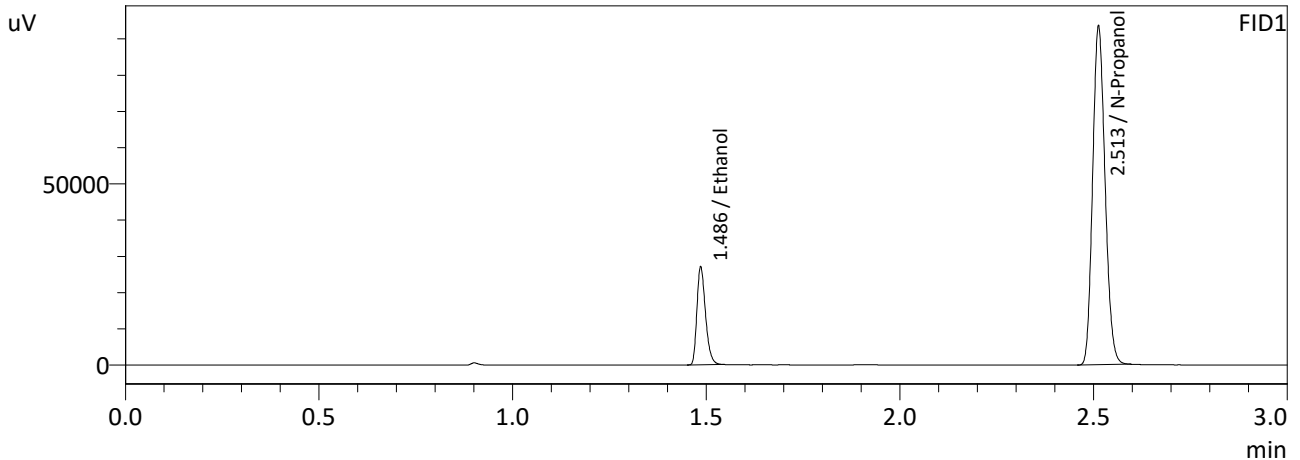
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0519	20159	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	204828	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0520	21970	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	224930	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.100  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 12:10:57 PM  
 Vial # : 2  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

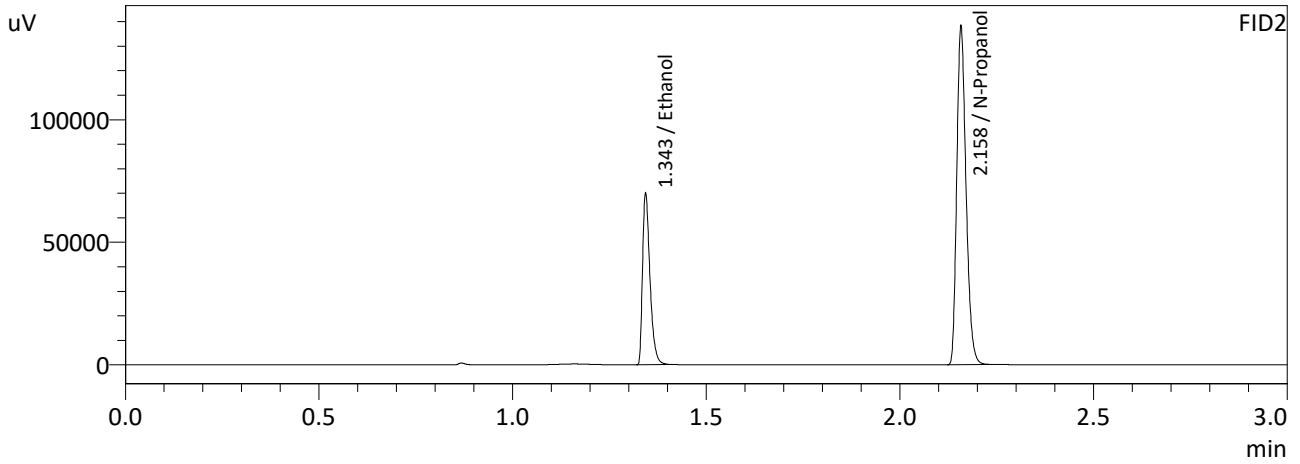
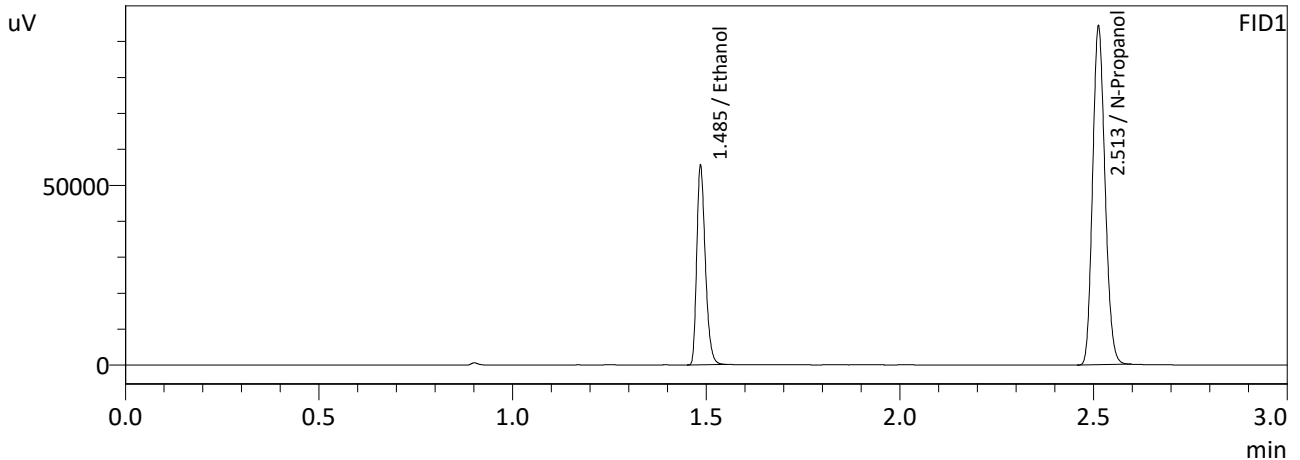
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1003	41739	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	208459	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1000	45460	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	228904	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.200  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 12:18:26 PM  
 Vial # : 3  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

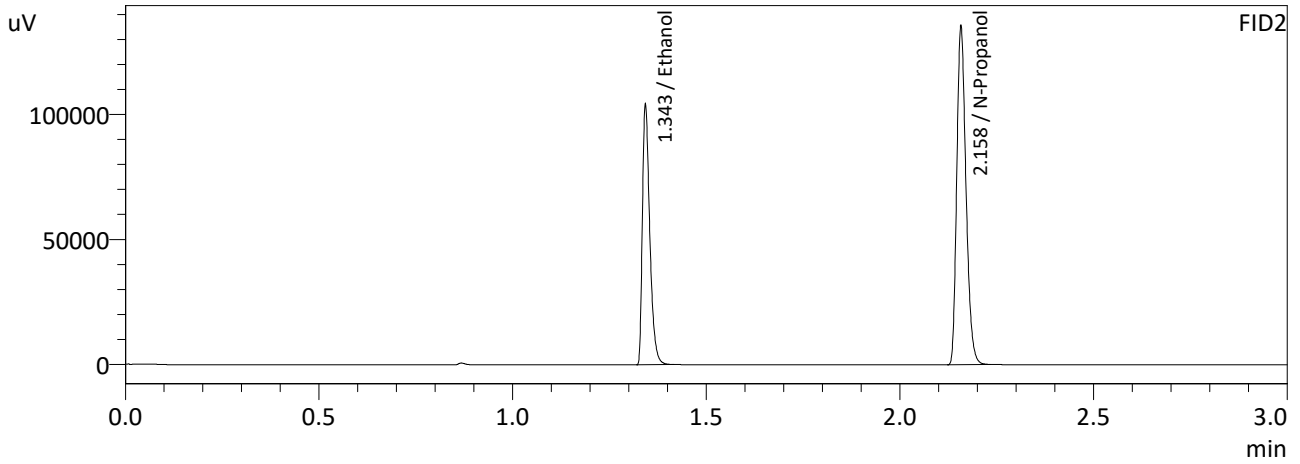
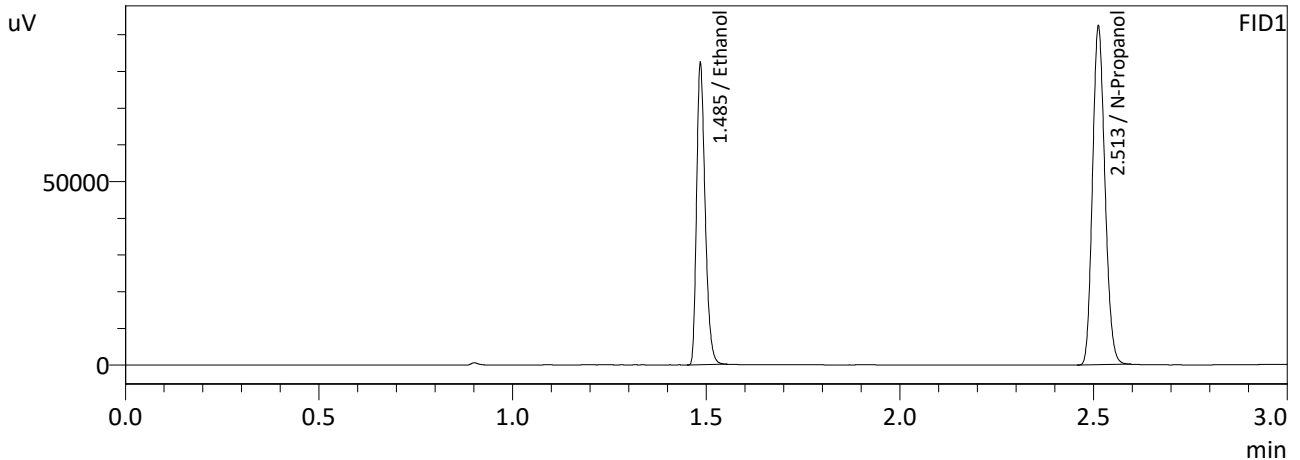
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1986	85222	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	209491	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1987	93272	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	229649	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.300  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 12:27:03 PM  
 Vial # : 4  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2970	126067	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	205422	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

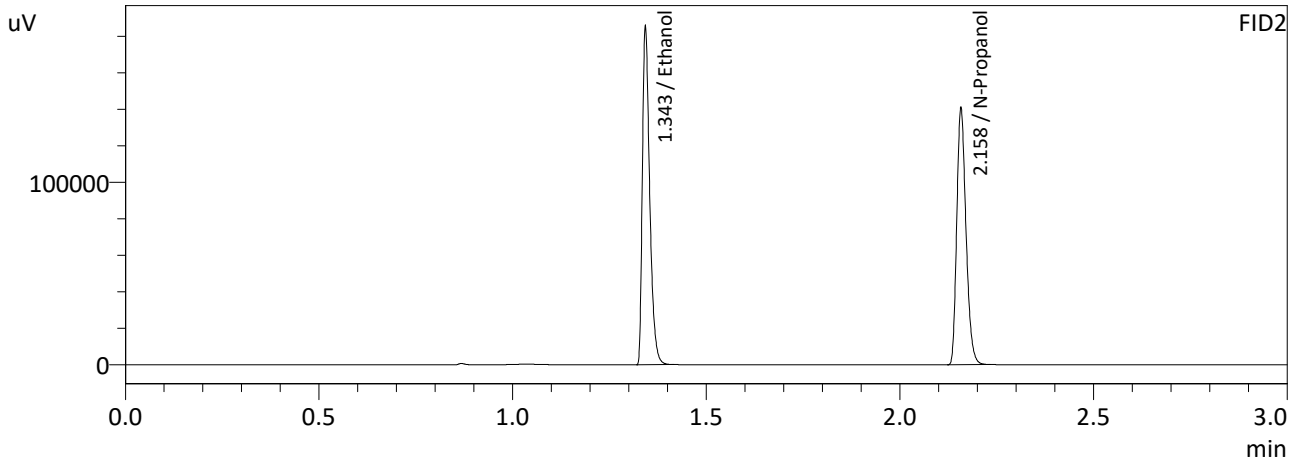
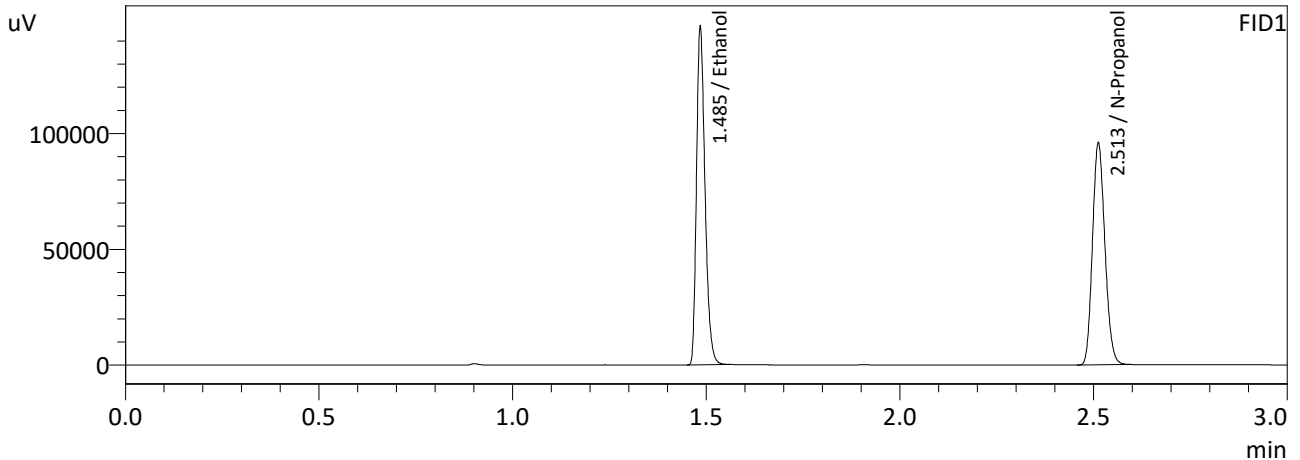
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2973	138007	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	225008	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB



Sample Name : 0.500  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 12:34:40 PM  
 Vial # : 5  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

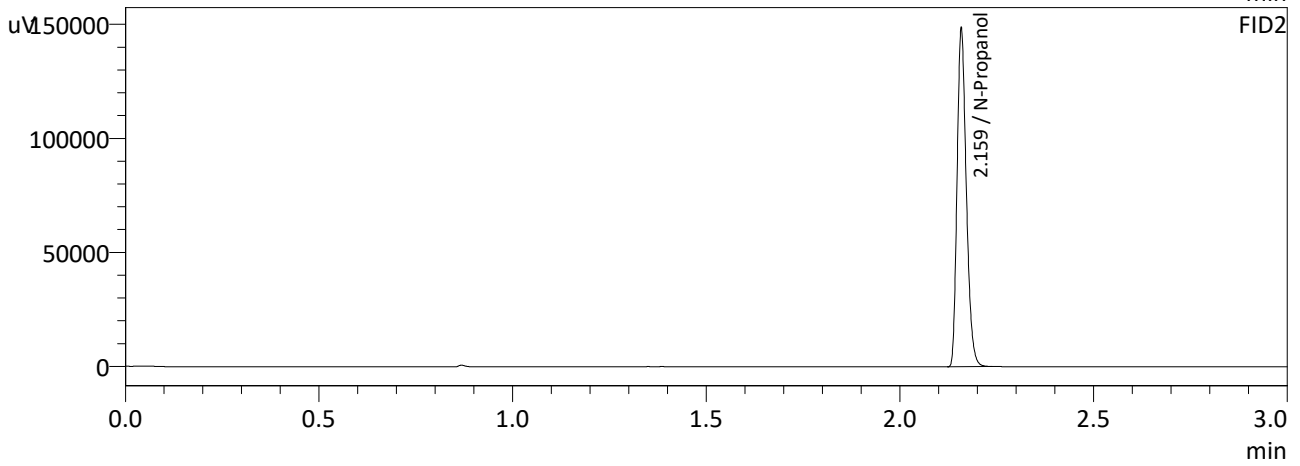
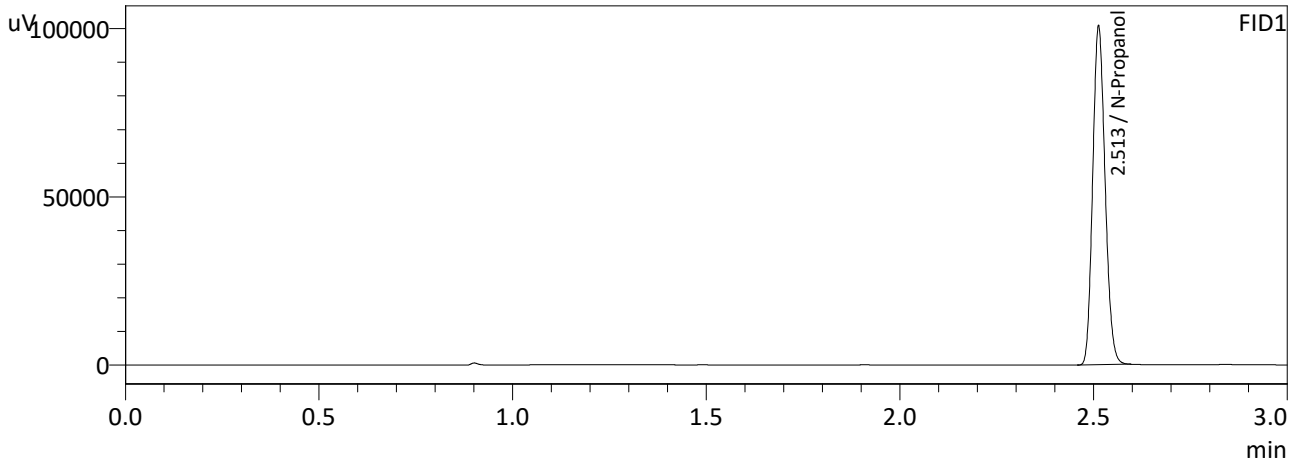
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5020	223229	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	213663	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5018	243898	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	233767	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLK  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 12:43:16 PM  
 Vial # : 6  
 Method Filename : Default Project - ALCOHOL\_230607NB.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	224096	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	246539	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

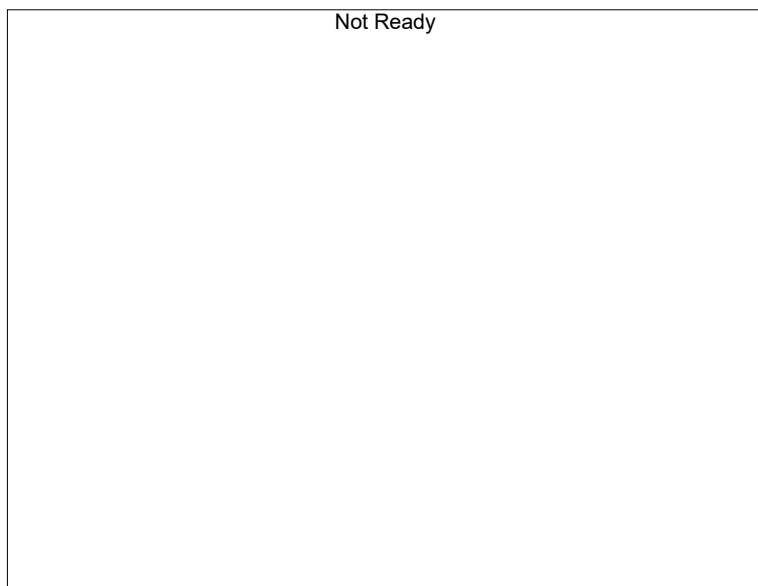
Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL 230607NB.gcm
2	0.100	1:Standard	2	ALCOHOL 230607NB.gcm
3	0.200	1:Standard	3	ALCOHOL 230607NB.gcm
4	0.300	1:Standard	4	ALCOHOL 230607NB.gcm
5	0.500	1:Standard	5	ALCOHOL 230607NB.gcm
6	INT STD BLK	0:Unknown	0	ALCOHOL 230607NB.gcm

NB

# Calibration Table

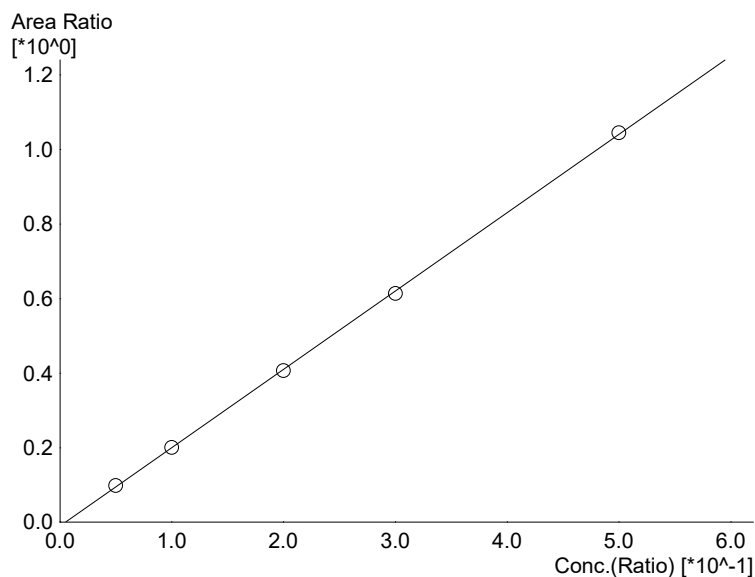
Laboratory : MERIDIAN  
 Instrument Name : GC-BAC  
 Instrument Serial # : C12595800409 / C12255750548

<<Method File>>  
 Method File :Default Project - ALCOHOL\_230607NB.gcm  
 Date Created :6/7/2023 8:03:10 AM  
 Date Modified :6/7/2023 1:27:35 PM



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

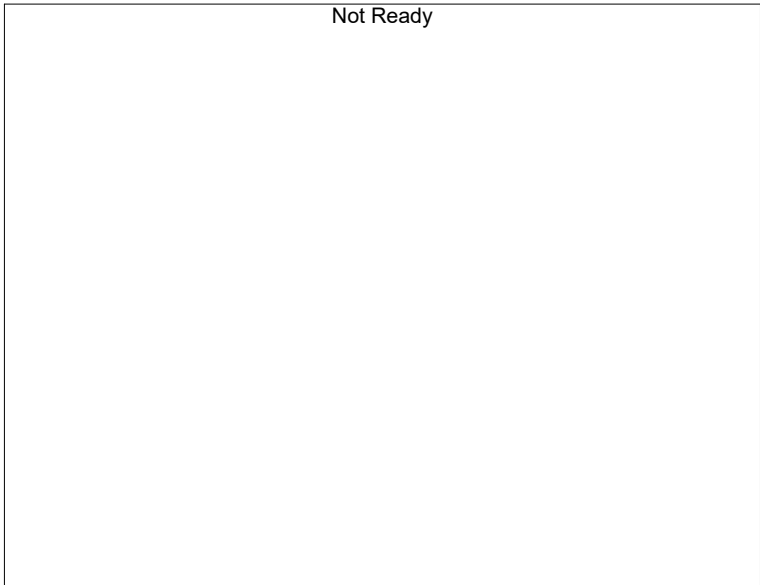
#	Conc.	Area	Std. Conc.
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Name : Ethanol  
 Detector Name: FID1  
 Function :  $f(x)=2.10233*x-0.0107525$   
 R<sup>2</sup> value= 0.9998524  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	20159	0.0519
2	0.100	41739	0.1003
3	0.200	85222	0.1986
4	0.300	126067	0.2970
5	0.500	223229	0.5020

NB



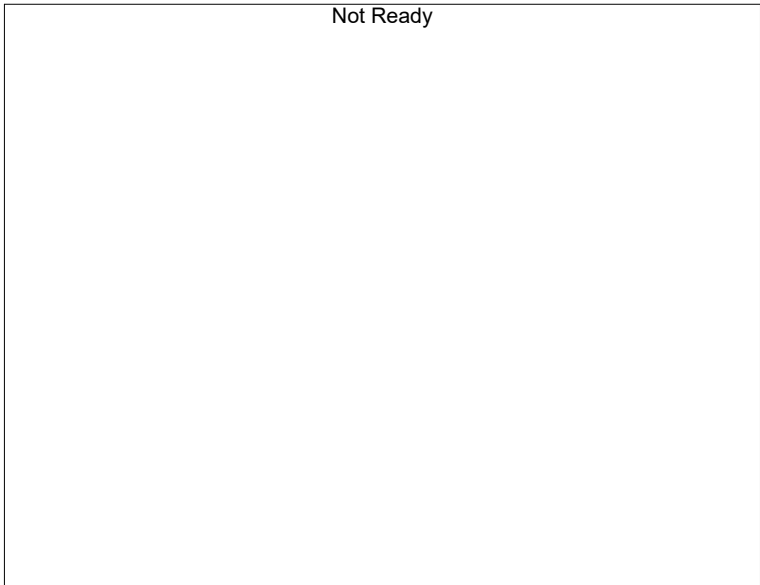
Name : Isopropyl Alcohol  
Detector Name: FID1  
Function :  $f(x)=0*x+0$   
R<sup>2</sup> value= 0  
FitType: Linear  
ZeroThrough: Not Through

#	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

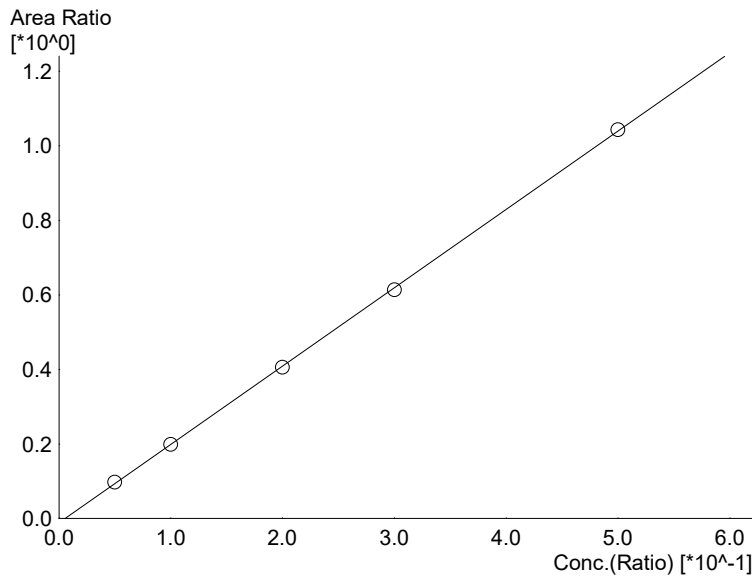
#	Conc.	Area	Std. Conc.
---	-------	------	------------

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 :  $f(x)=2.10197*x-0.0116306$   
 R<sup>2</sup> value= 0.9998728  
 FitType: Linear  
 ZeroThrough: Not Through

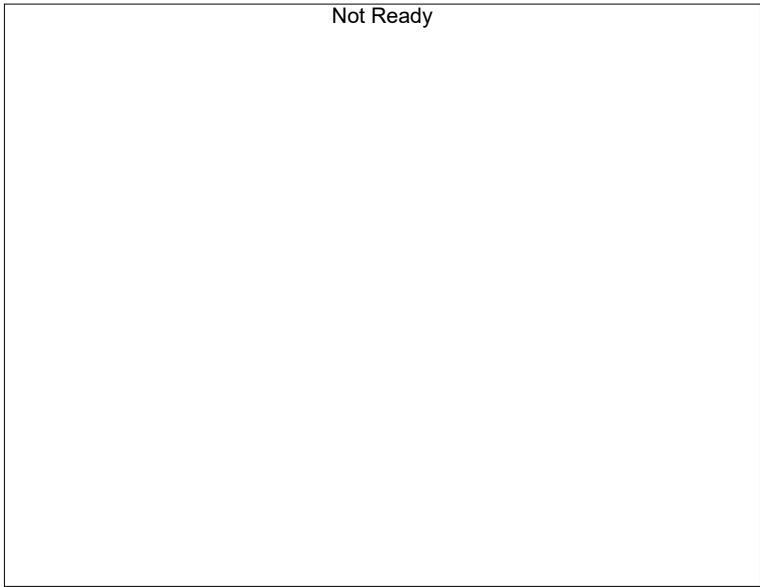
#	Conc.	Area	Std. Conc.
1	0.050	21970	0.0520
2	0.100	45460	0.1000
3	0.200	93272	0.1987
4	0.300	138007	0.2973
5	0.500	243898	0.5018



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

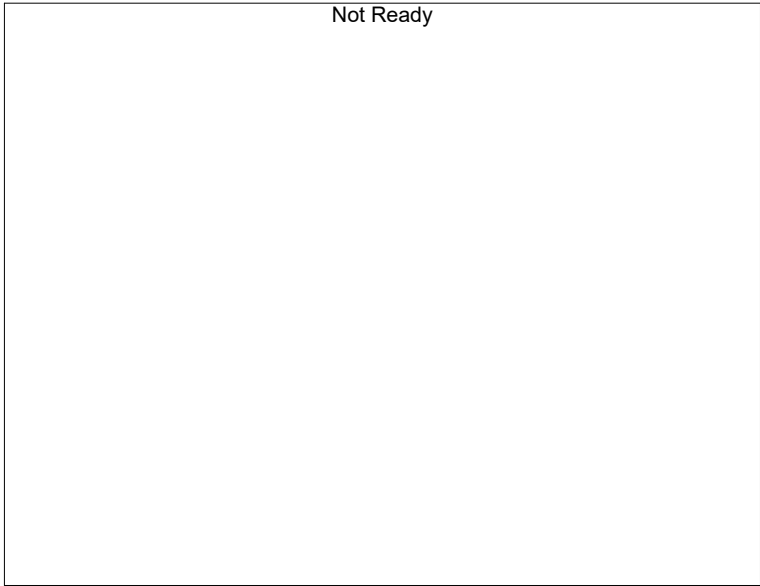
#	Conc.	Area	Std. Conc.
---	-------	------	------------

NB



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

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



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

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

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 6/7/2023 2:42:14 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0796	0.0795	0.0001	0.0795	0.0011	0.0801
(g/100cc)	0.0807	0.0806	0.0001	0.0806		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_230607NB.gcm

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

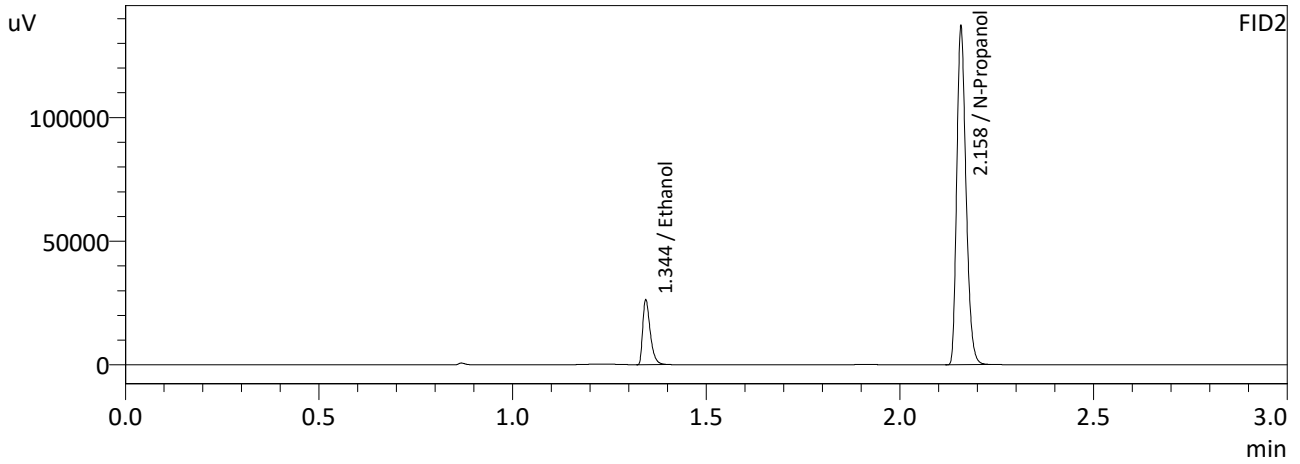
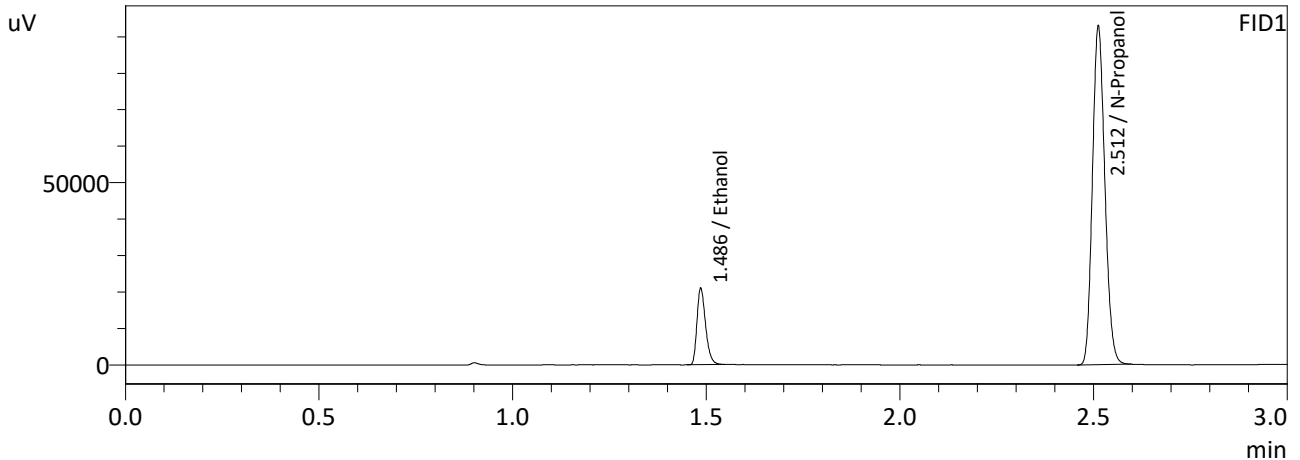
Reported Results	
0.080	

Calibration and control data are stored centrally.

NB



Sample Name : 0.08 QA  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 2:42:14 PM  
 Vial # : 5  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

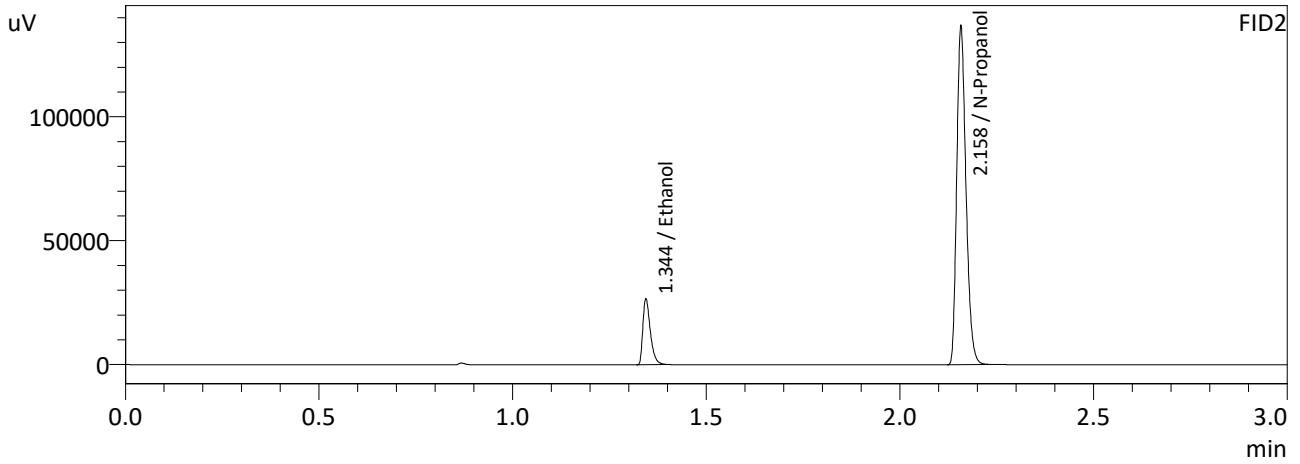
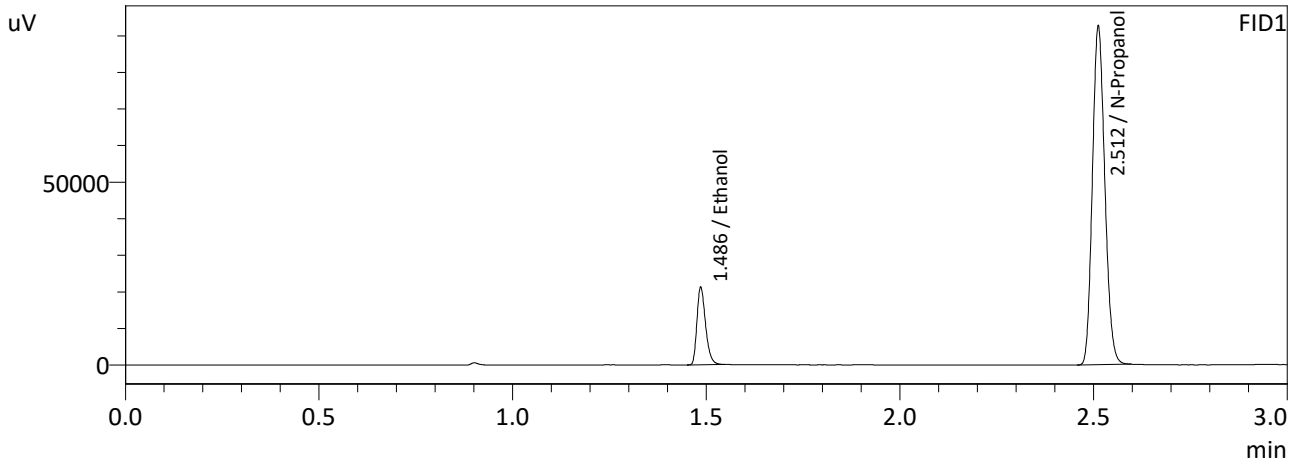
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0796	32420	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	206885	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0795	35385	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	227332	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.08 QA-B  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 2:50:55 PM  
 Vial # : 6  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0807	32794	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	206260	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0806	35828	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	226770	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1		Analysis Date(s): 6/7/2023 2:26:09 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0775	0.0776	0.0001	0.0775	0.0019	0.0785
(g/100cc)	0.0794	0.0795	0.0001	0.0794		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_230607NB.gcm

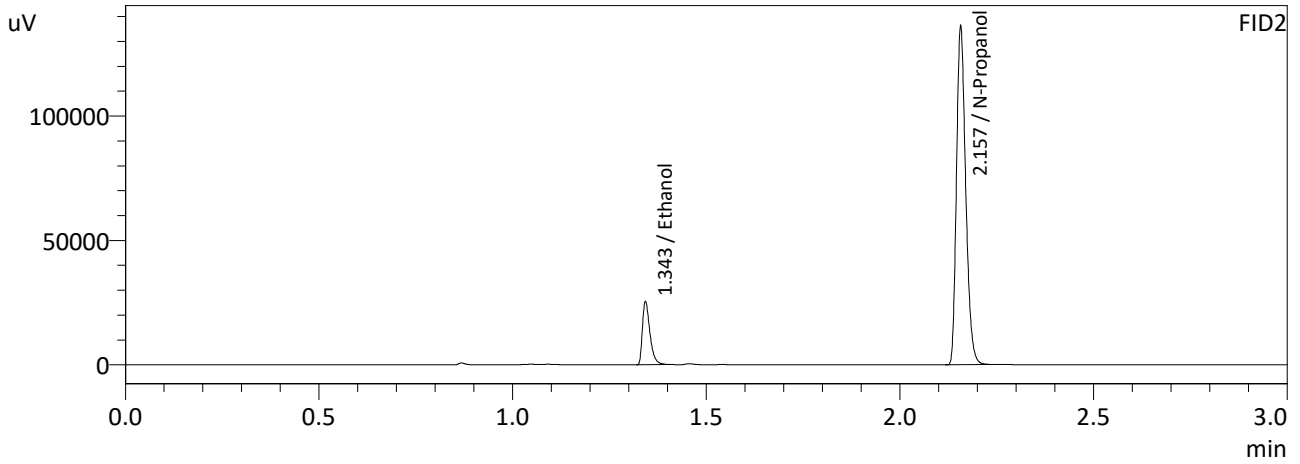
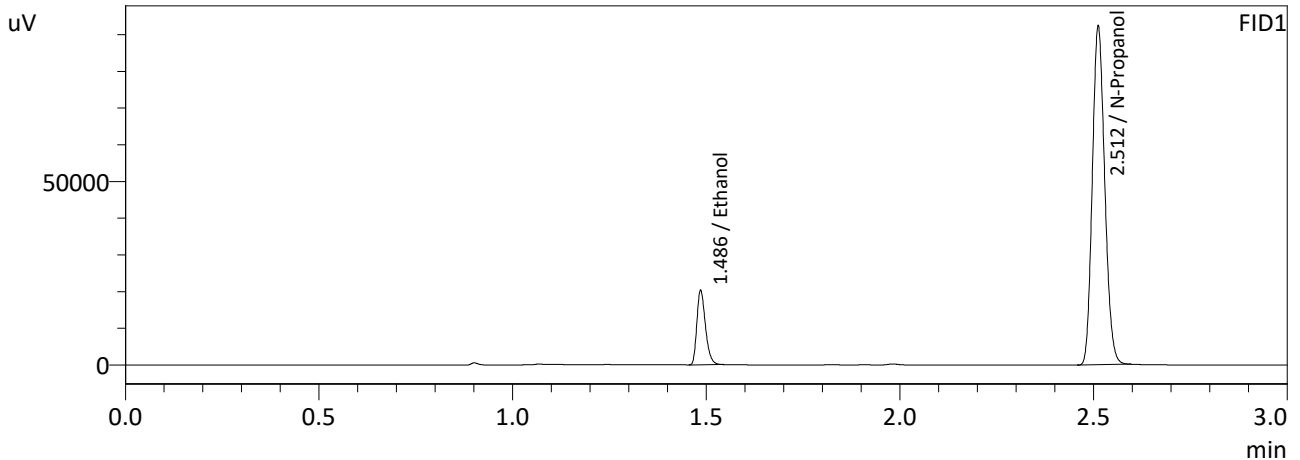
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.078	0.074	0.082	0.004

Reported Results	
0.078	

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-1  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 2:26:09 PM  
 Vial # : 3  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

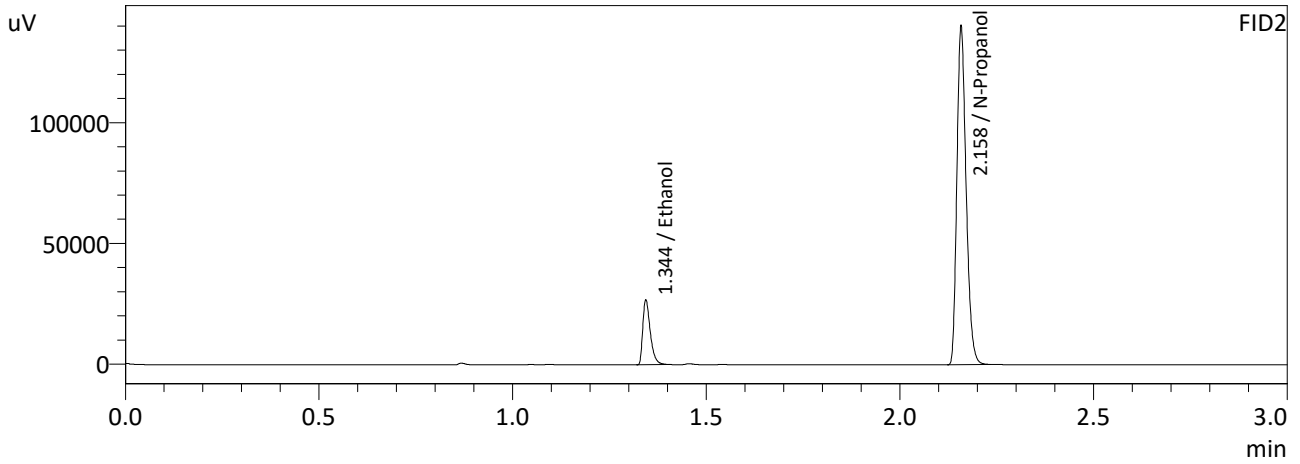
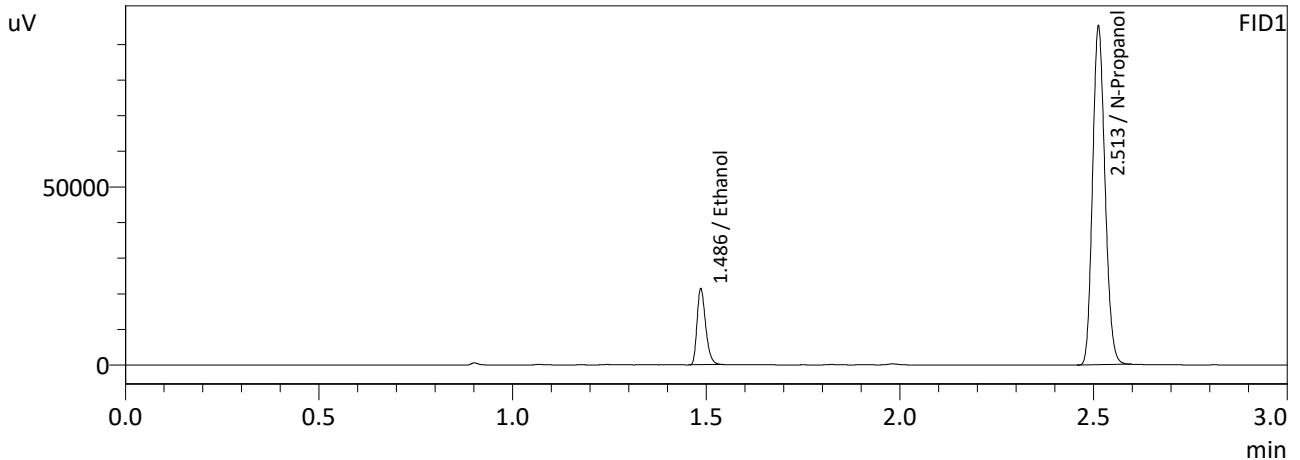
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0775	31328	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	205653	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0776	34233	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	225699	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-1-B  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 2:34:48 PM  
 Vial # : 4  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0794	33086	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	211741	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0795	36159	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	232504	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2		Analysis Date(s): 6/7/2023 8:20:29 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0831	0.0833	0.0002	0.0832	0.0001	0.0831
(g/100cc)	0.0831	0.0831	0.0000	0.0831		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_230607NB.gcm

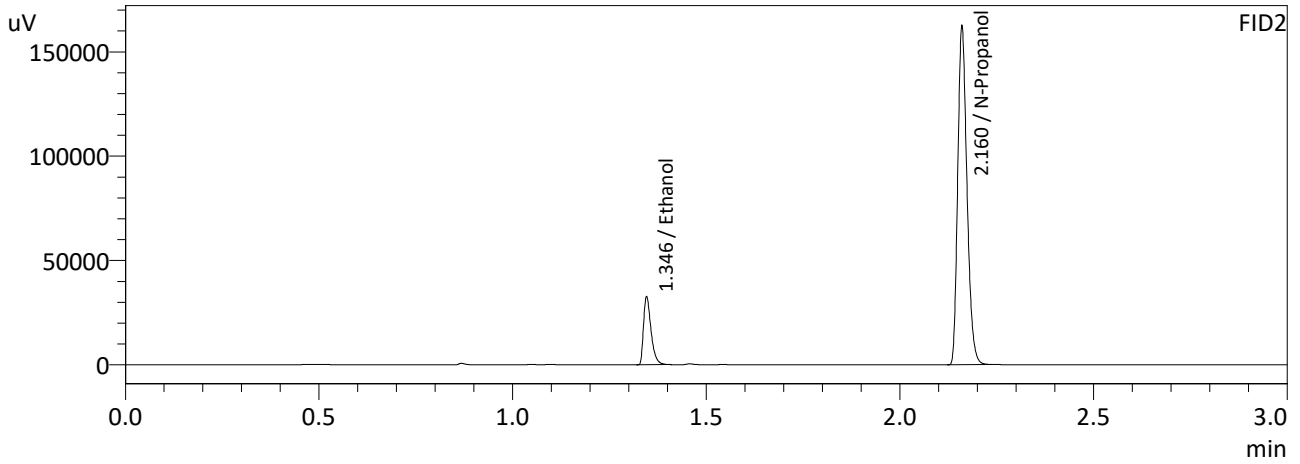
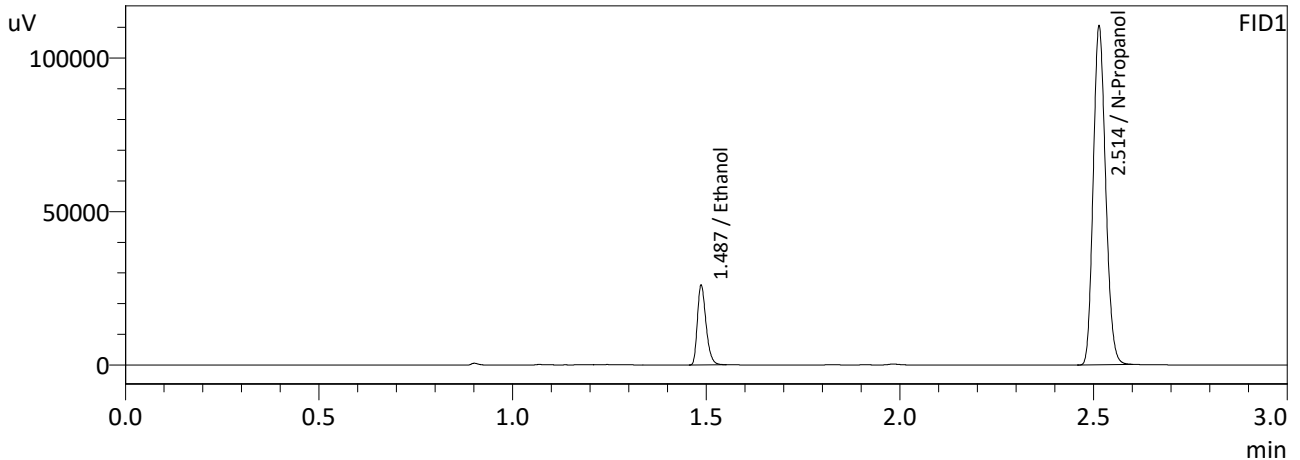
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

Reported Results	
0.083	

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-2  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 8:20:29 PM  
 Vial # : 47  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



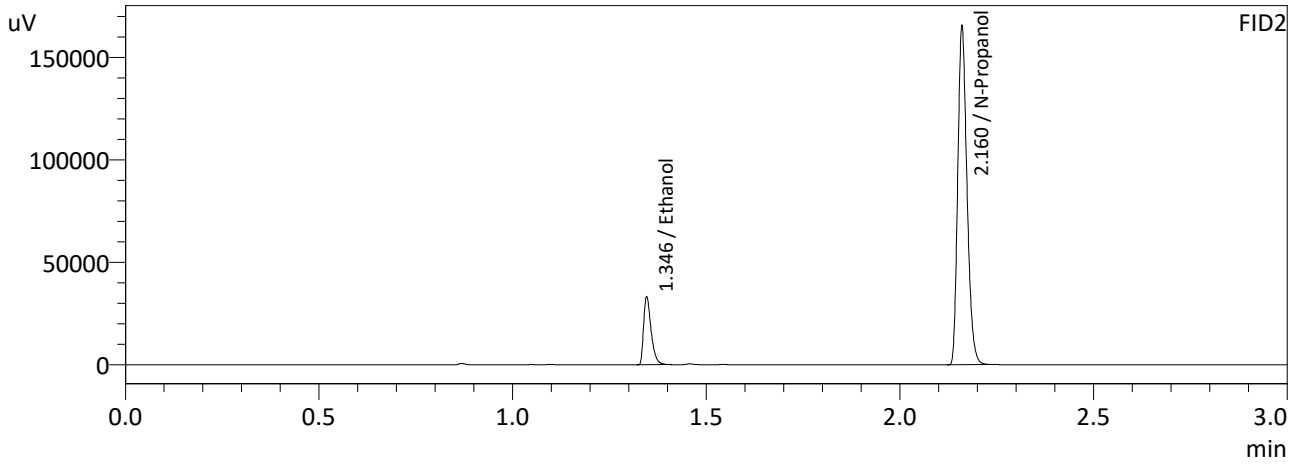
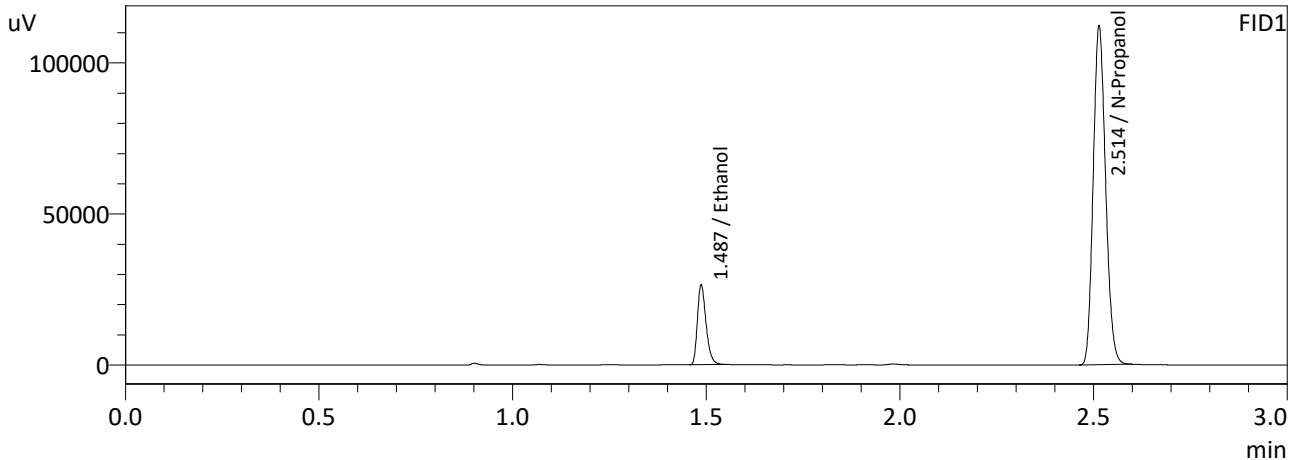
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0831	40262	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	245326	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0833	44037	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	269391	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-1-2-B  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 8:29:51 PM  
 Vial # : 48  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0831	40964	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	249694	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0831	44766	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	274374	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc



VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 6/7/2023 5:22:33 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2076	0.2075	0.0001	0.2075	0.0031	0.2090
(g/100cc)	0.2108	0.2104	0.0004	0.2106		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_230607NB.gcm

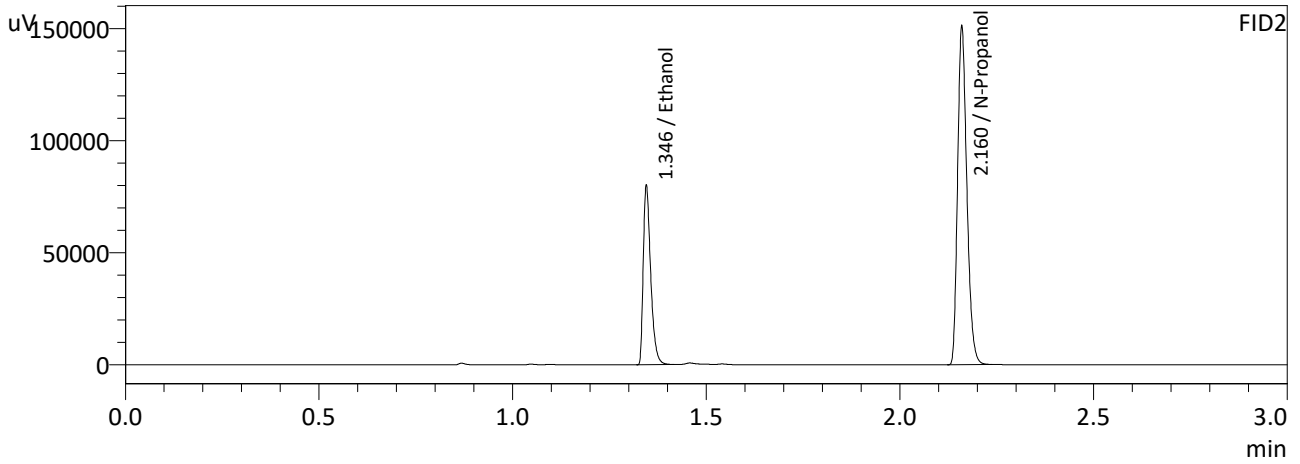
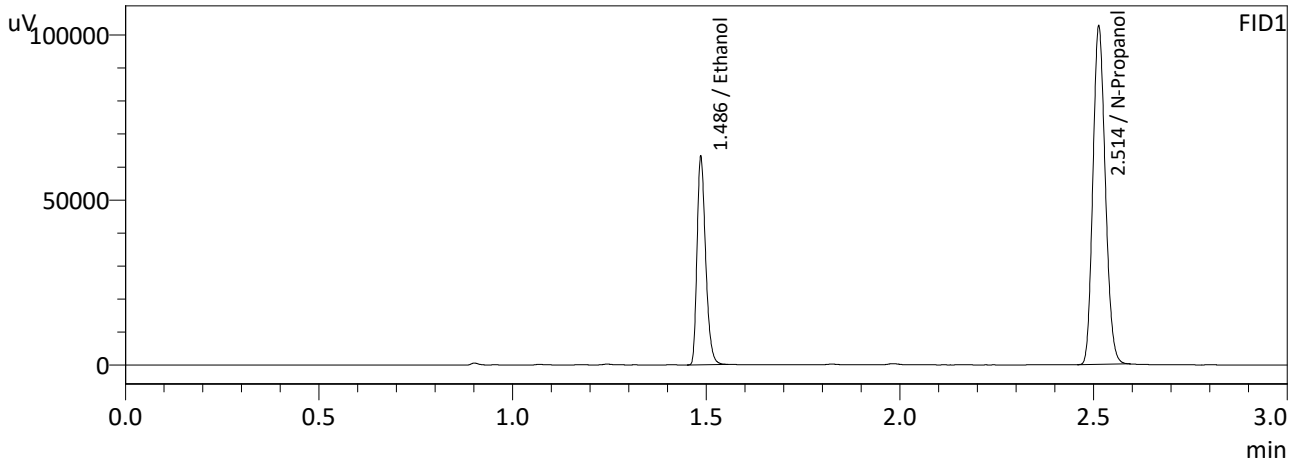
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.209	0.198	0.220	0.011

Reported Results	
0.209	

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-1  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 5:22:33 PM  
 Vial # : 25  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

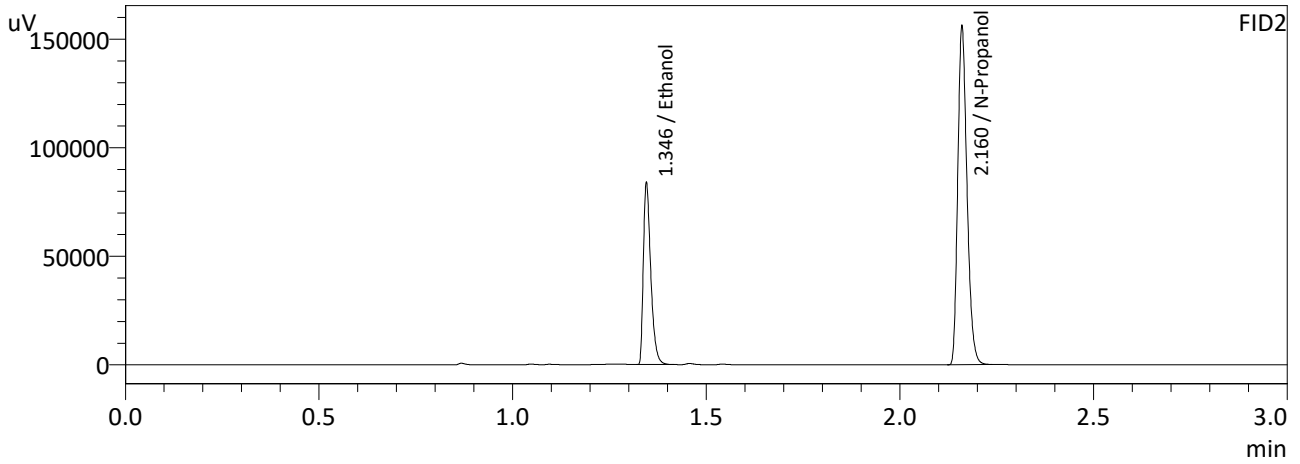
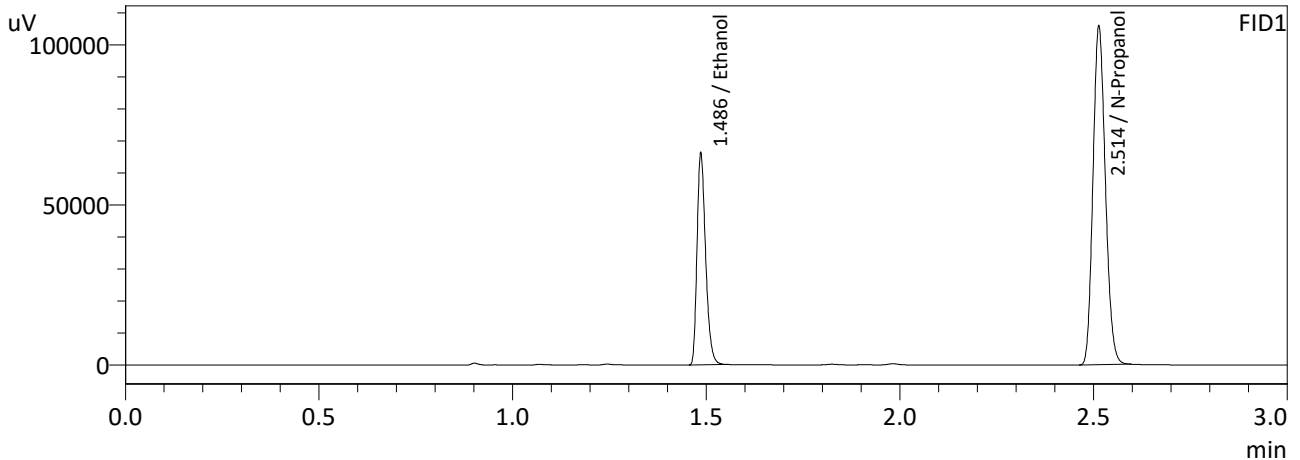
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2076	97318	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	228515	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2075	106486	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	250724	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-1-B  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 5:29:56 PM  
 Vial # : 26  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2108	101842	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	235413	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2104	111341	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	258503	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2		Analysis Date(s): 6/7/2023 9:57:32 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2099	0.2100	0.0001	0.2099	0.0014	0.2092
(g/100cc)	0.2084	0.2086	0.0002	0.2085		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL\_230607NB.gcm

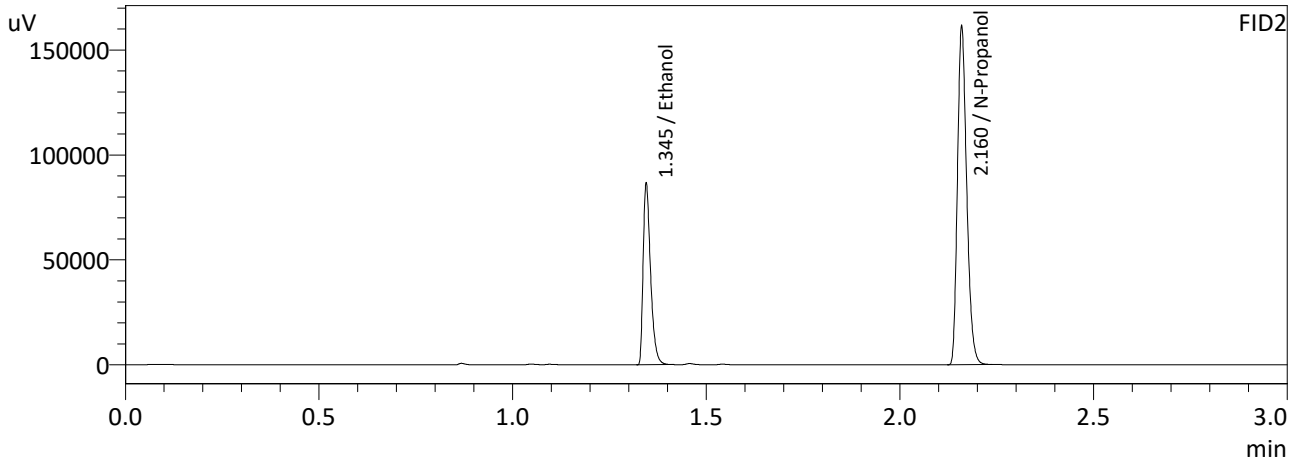
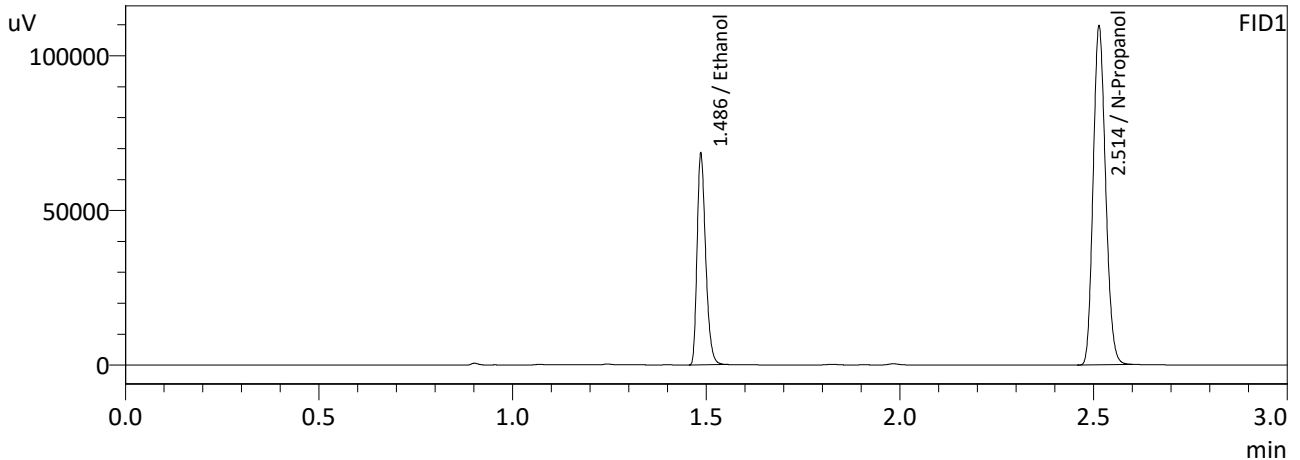
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.209	0.198	0.220	0.011

Reported Results	
0.209	

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-2  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 9:57:32 PM  
 Vial # : 59  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

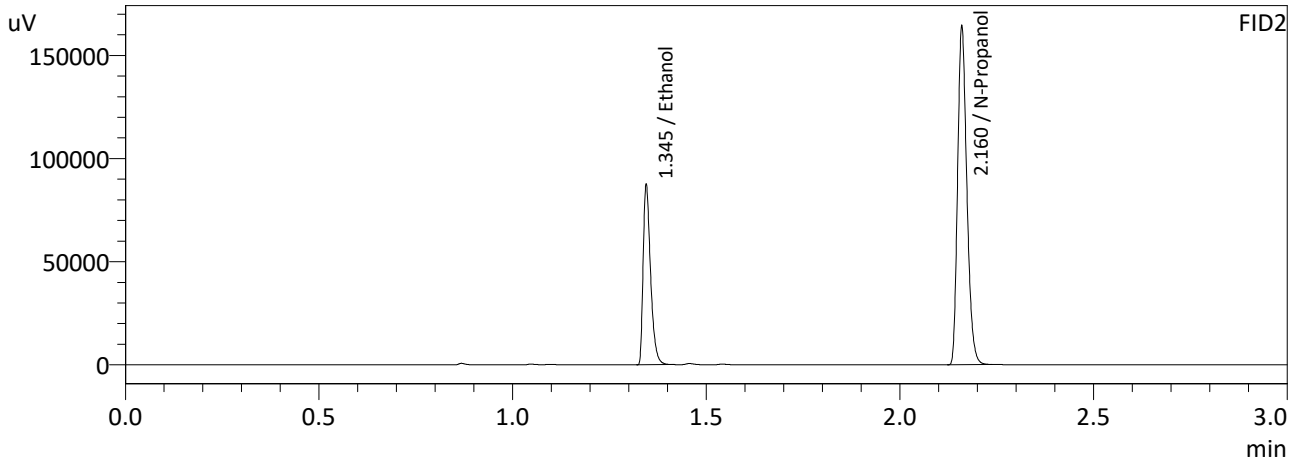
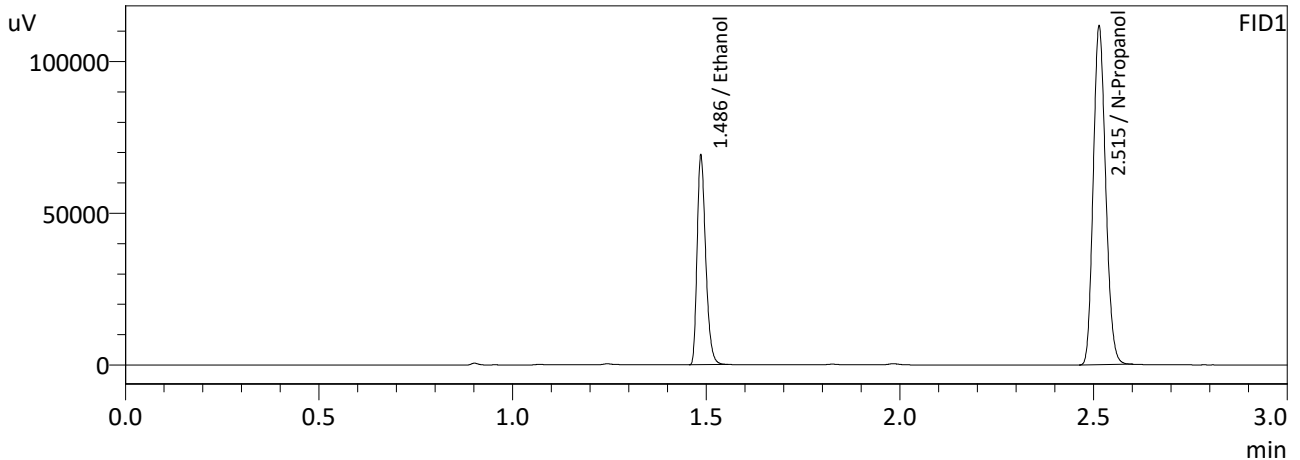
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2099	105170	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	244180	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2100	115044	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	267604	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-2-B  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 10:06:44 PM  
 Vial # : 60  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

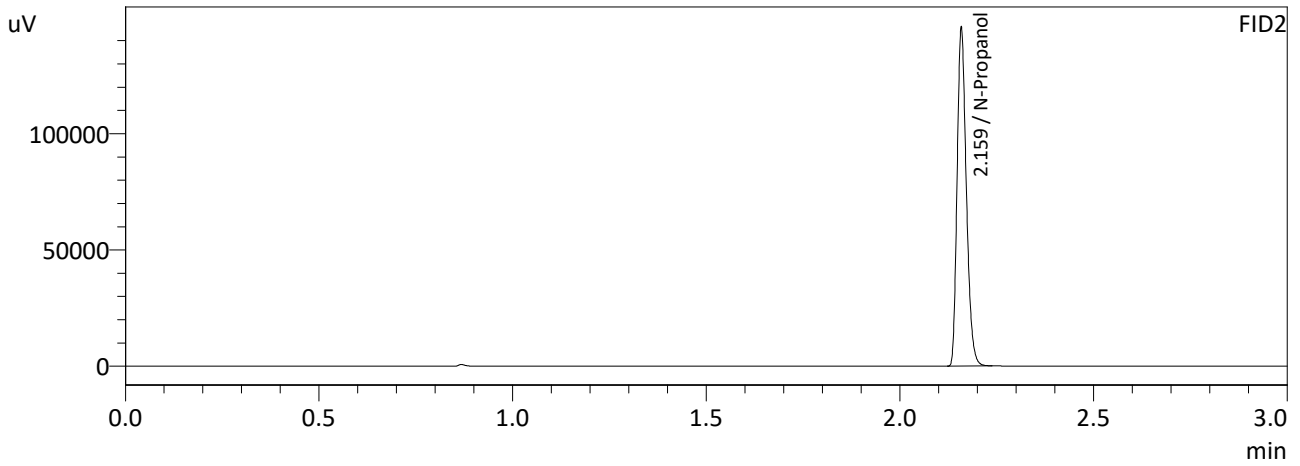
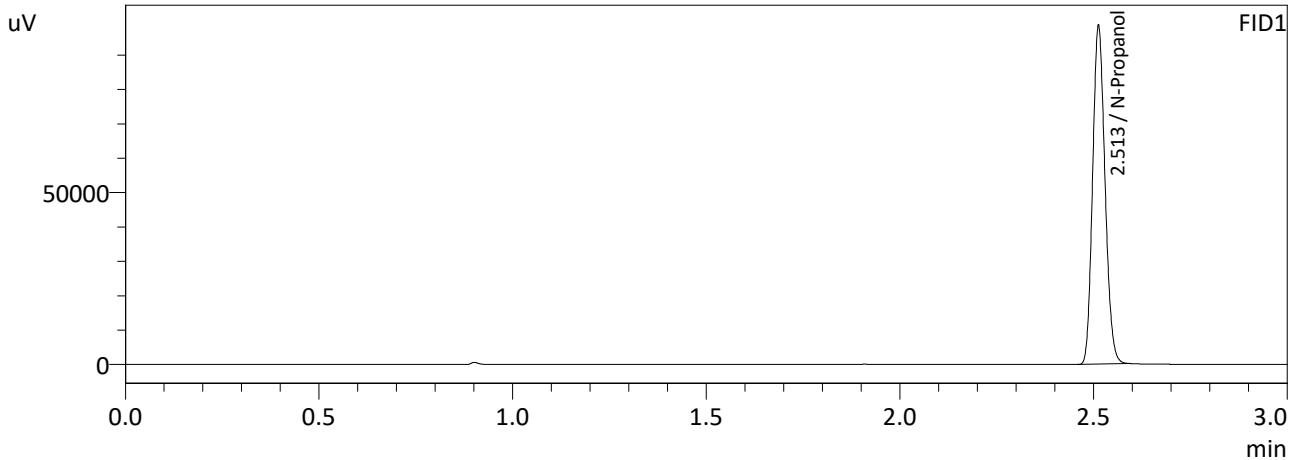
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2084	106222	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	248501	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2086	116219	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	272225	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLK 1  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 2:11:08 PM  
 Vial # : 1  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

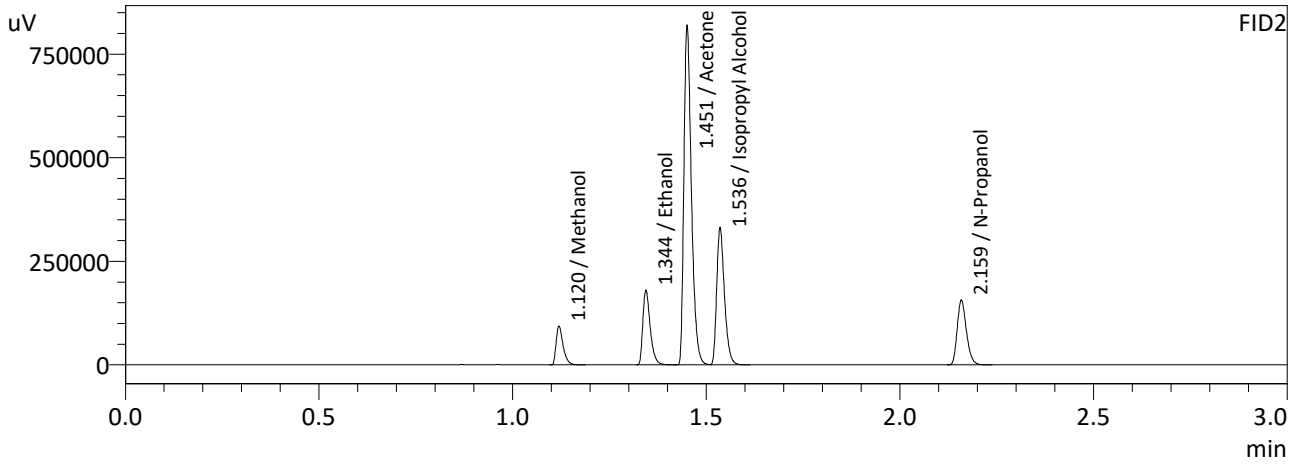
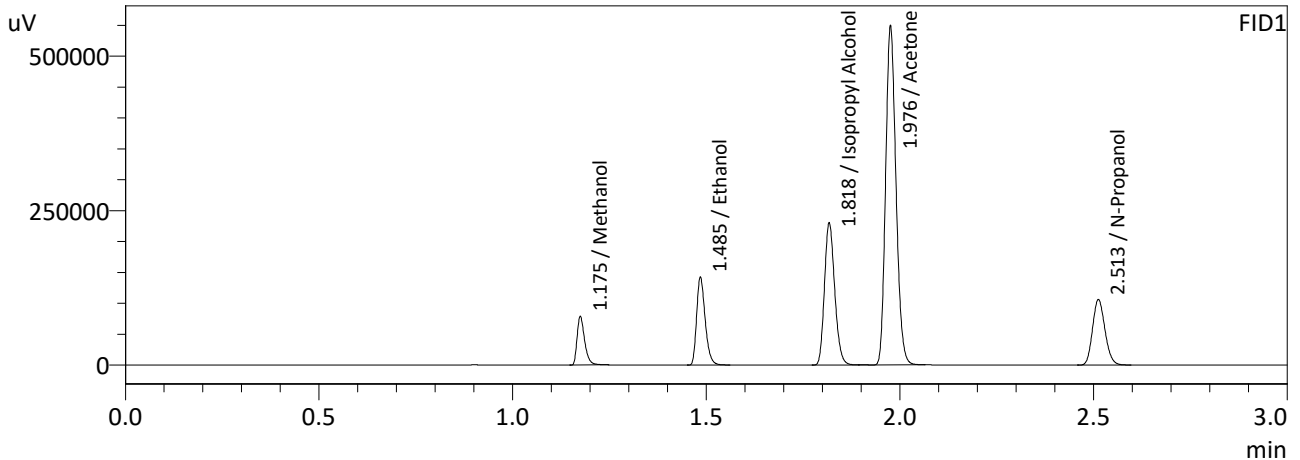
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	219326	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	241403	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : MIXED VOLATILES FN06041902  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 2:18:29 PM  
 Vial # : 2  
 Method Filename : Default Project - ALCOHOL\_230607NB.gcm  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	107111	g/100cc
Ethanol	0.4440	218070	g/100cc
Isopropyl Alcohol	0.0000	423812	g/100cc
Acetone	0.0000	1018161	g/100cc
N-Propanol	0.0000	236311	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

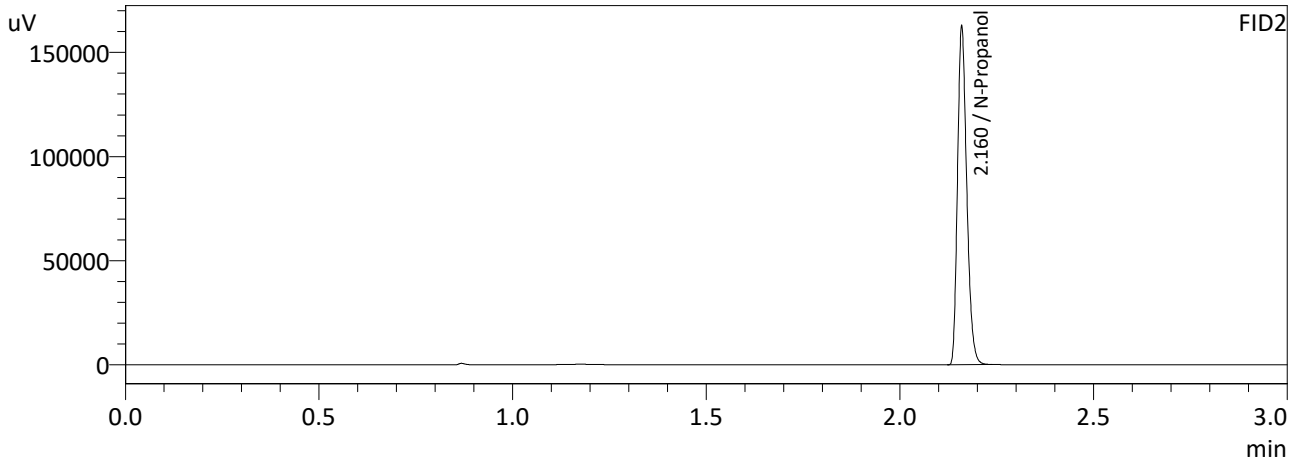
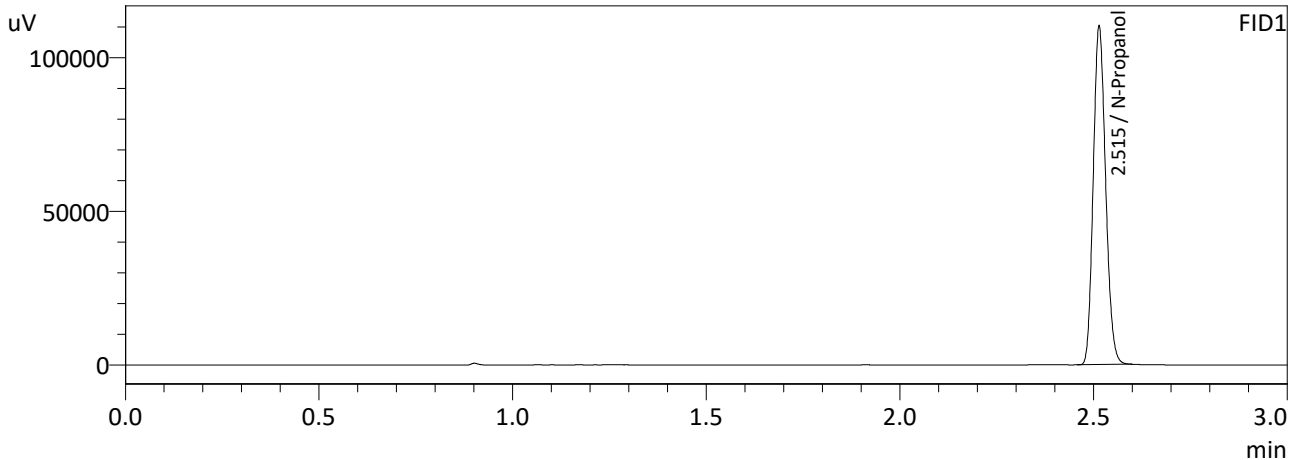
FID2

Name	Conc.	Area	Unit
Methanol	0.0000	117042	g/100cc
Ethanol	0.4432	237882	g/100cc
Acetone	0.0000	1103055	g/100cc
Isopropyl Alcohol	0.0000	460936	g/100cc
N-Propanol	0.0000	258570	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB



Sample Name : INT STD BLK 2  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 10:14:13 PM  
 Vial # : 61  
 Method Filename : Default Project - ALCOHOL\_230607NB.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	244898	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	269413	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 230607NB.gcm
2	ED VOLATILES FN06041	0:Unknown	1	ALCOHOL 230607NB.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 230607NB.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 230607NB.gcm
6	0.08 QA-B	0:Unknown	0	ALCOHOL 230607NB.gcm
7	M2023-2324-1	0:Unknown	0	ALCOHOL 230607NB.gcm
8	M2023-2324-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
9	M2023-2325-1	0:Unknown	0	ALCOHOL 230607NB.gcm
10	M2023-2325-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
11	M2023-2326-1	0:Unknown	0	ALCOHOL 230607NB.gcm
12	M2023-2326-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
13	M2023-2340-1	0:Unknown	0	ALCOHOL 230607NB.gcm
14	M2023-2340-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
15	M2023-2342-1	0:Unknown	0	ALCOHOL 230607NB.gcm
16	M2023-2342-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
17	M2023-2343-1	0:Unknown	0	ALCOHOL 230607NB.gcm
18	M2023-2343-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
19	M2023-2356-1	0:Unknown	0	ALCOHOL 230607NB.gcm
20	M2023-2356-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
21	M2023-2367-1	0:Unknown	0	ALCOHOL 230607NB.gcm
22	M2023-2367-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
23	M2023-2368-1	0:Unknown	0	ALCOHOL 230607NB.gcm
24	M2023-2368-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 230607NB.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
27	M2023-2370-1	0:Unknown	0	ALCOHOL 230607NB.gcm
28	M2023-2370-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
29	M2023-2382-1	0:Unknown	0	ALCOHOL 230607NB.gcm
30	M2023-2382-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
31	M2023-2385-1	0:Unknown	0	ALCOHOL 230607NB.gcm
32	M2023-2385-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
33	M2023-2386-1	0:Unknown	0	ALCOHOL 230607NB.gcm
34	M2023-2386-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
35	M2023-2400-1	0:Unknown	0	ALCOHOL 230607NB.gcm
36	M2023-2400-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
37	M2023-2454-1	0:Unknown	0	ALCOHOL 230607NB.gcm
38	M2023-2454-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
39	M2023-2463-1	0:Unknown	0	ALCOHOL 230607NB.gcm
40	M2023-2463-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
41	M2023-2466-1	0:Unknown	0	ALCOHOL 230607NB.gcm
42	M2023-2466-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
43	M2023-2467-1	0:Unknown	0	ALCOHOL 230607NB.gcm
44	M2023-2467-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
45	M2023-2468-1	0:Unknown	0	ALCOHOL 230607NB.gcm
46	M2023-2468-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
47	QC-1-2	0:Unknown	0	ALCOHOL 230607NB.gcm
48	QC-1-2-B	0:Unknown	0	ALCOHOL 230607NB.gcm
49	M2023-2469-1	0:Unknown	0	ALCOHOL 230607NB.gcm
50	M2023-2469-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
51	M2023-2470-1	0:Unknown	0	ALCOHOL 230607NB.gcm
52	M2023-2470-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
53	M2023-2471-1	0:Unknown	0	ALCOHOL 230607NB.gcm
54	M2023-2471-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
55	M2023-2472-1	0:Unknown	0	ALCOHOL 230607NB.gcm
56	M2023-2472-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
57	M2023-2473-1	0:Unknown	0	ALCOHOL 230607NB.gcm
58	M2023-2473-1-B	0:Unknown	0	ALCOHOL 230607NB.gcm
59	QC-2-2	0:Unknown	0	ALCOHOL 230607NB.gcm

NB

Vial#	Sample Name	Sample Type	Level#	Method File
60	QC-2-2-B	0:Unknown	0	ALCOHOL 230607NB.gcm
61	INT STD BLK 2	0:Unknown	0	ALCOHOL 230607NB.gcm

NB

On 6/7/23, I extracted P2023-1607-1 (-A, B, C, D) as samples for a quantitative alcohol.gcm run (A and B) and a volatiles.gcm run (C and D). The alcohol.gcm batch did not run on the instrument and the volatiles.gcm batch provided print outs, but the data was not saved in the instrument.

6/8/23: A and B samples are injected alcohol.gcm method and C and D samples are reinjected using volatiles.gcm also on 6/8/23 in order to save raw data in the instrument. A new toluene standard was also prepared on 6/8/23 because 6/7/23 print out show standard used was concentrated.

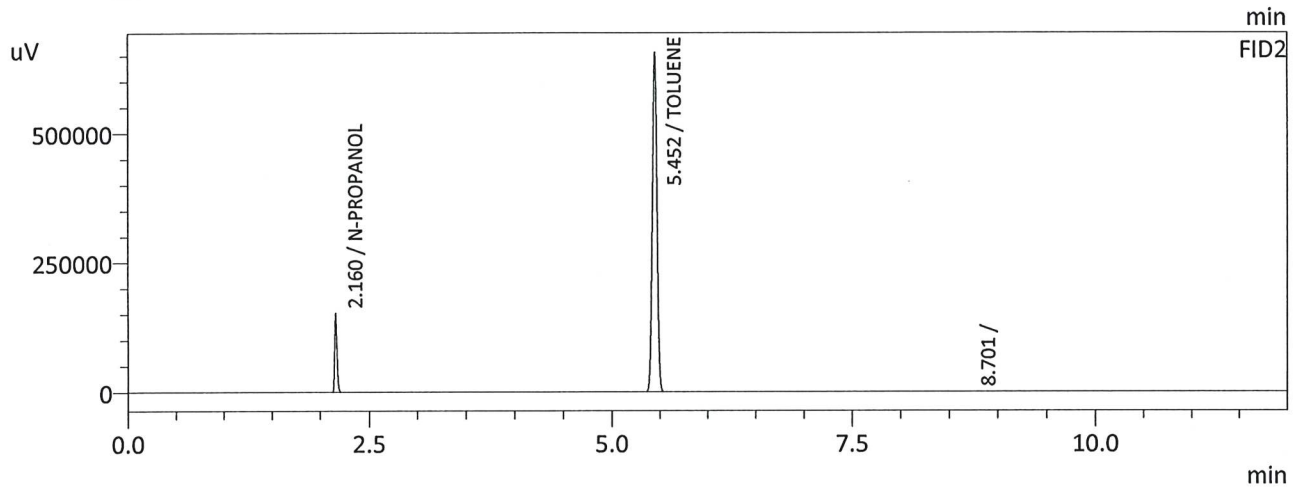
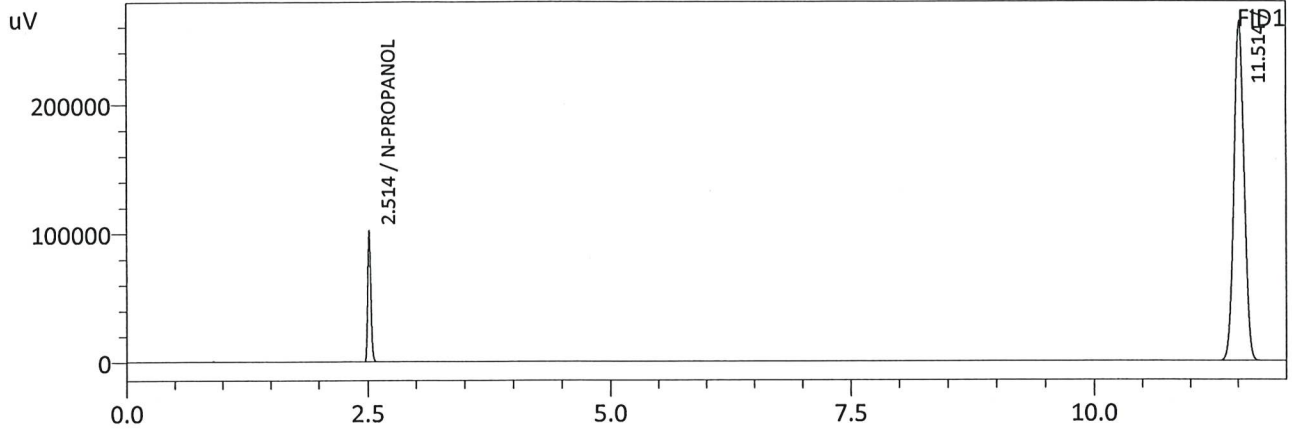
The following pages will include the printouts from 6/8/23 that lack the raw data in the computer, followed by the qualitative data from 6/8/23 injections.

*M. Bradley* 6/8/23

*NB*

Sample Name : TOLUENE 002007  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 10:40:41 PM  
 Vial # : 68  
 Method Filename : Default Project - VOLATILES.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409

11.392 15 RT  
 in Toluene  
 Performance  
 Ventilation



FID1

Name	Conc.	Area	Unit
N-PROPANOL	0.0000	227338	ppm
TOLUENE	--	--	ppm

FID2

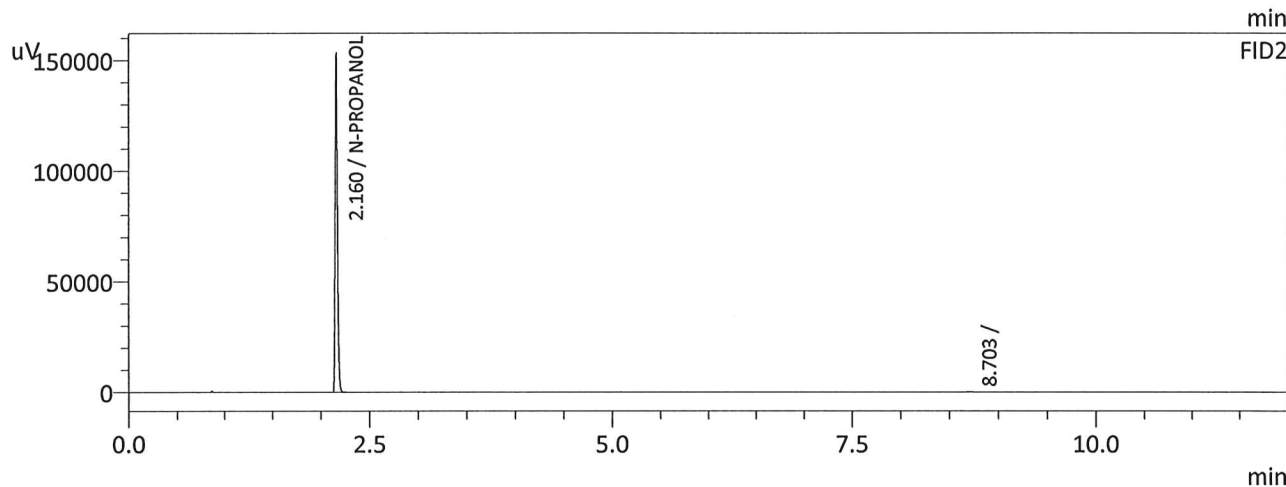
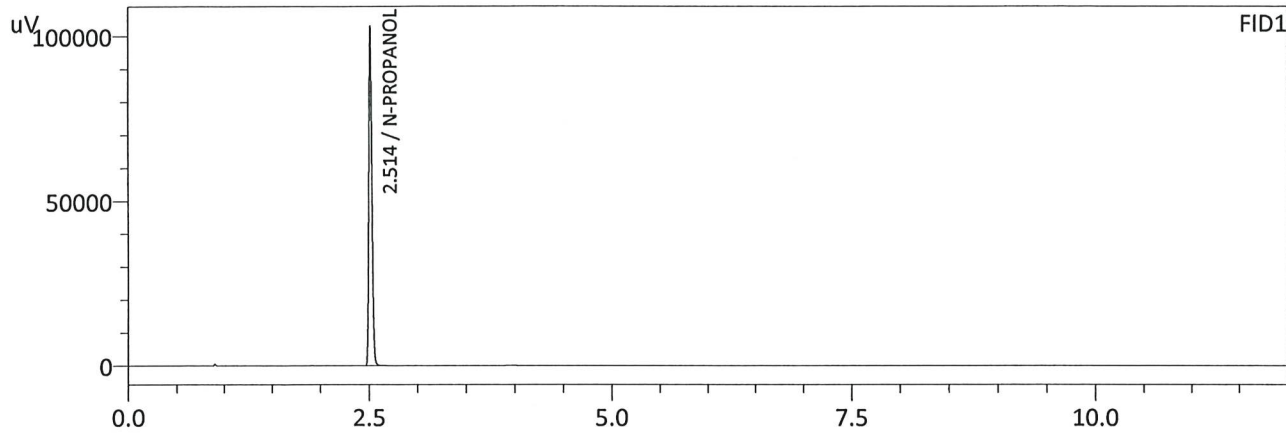
Name	Conc.	Area	Unit
TOLUENE	0.0000	2217508	ppm
N-PROPANOL	0.0000	250424	ppm

Standard is very concentrated

No raw data saved by instrument

NB

Sample Name : ISTD BLK D  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 10:55:52 PM  
 Vial # : 69  
 Method Filename : Default Project - VOLATILES.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
N-PROPANOL	0.0000	228842	ppm
TOLUENE	--	--	ppm

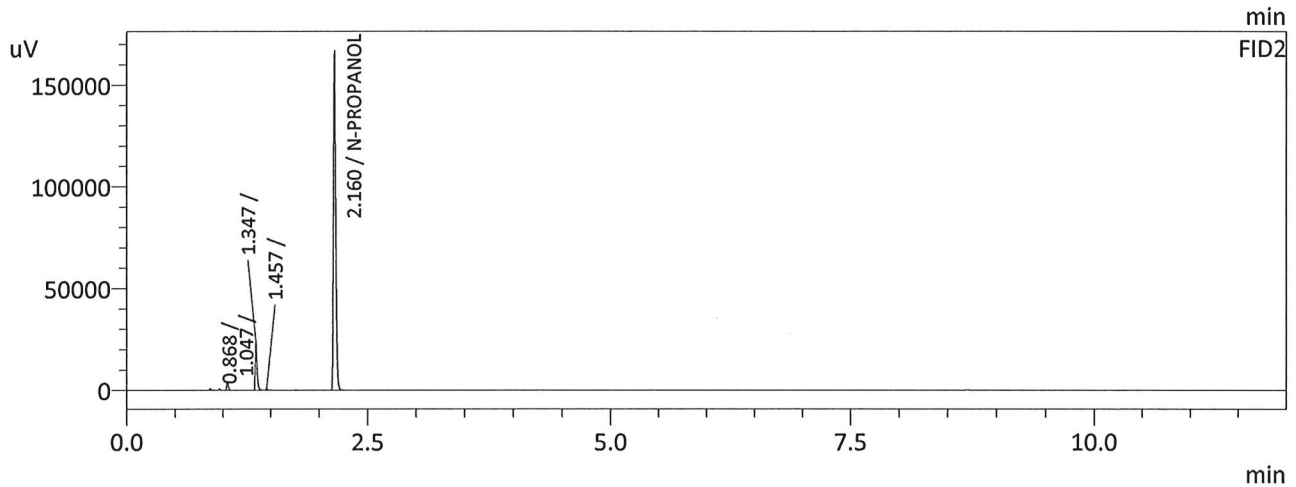
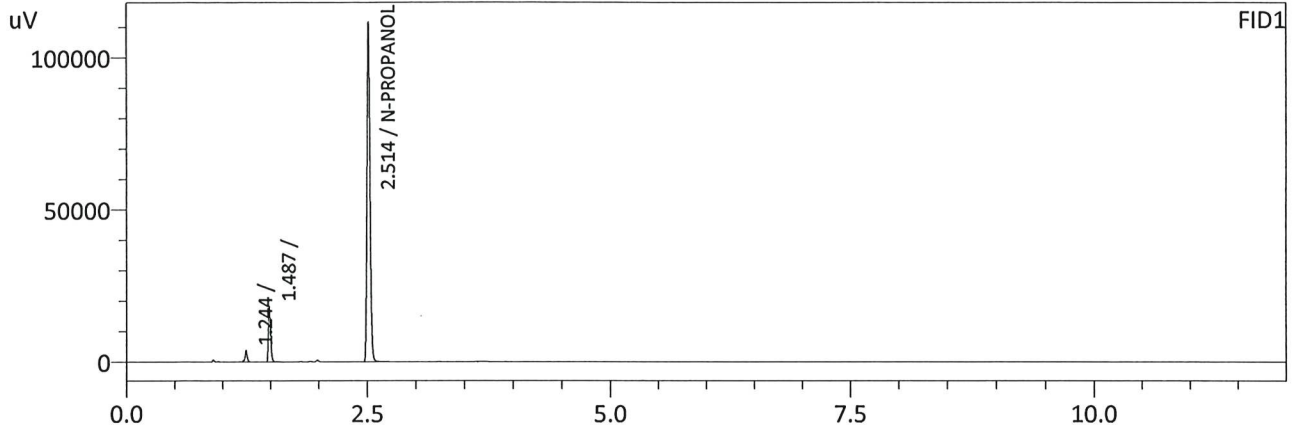
FID2

Name	Conc.	Area	Unit
TOLUENE	--	--	ppm
N-PROPANOL	0.0000	252590	ppm

*no raw data saved*

*NB*

Sample Name : P2023-1607-1-C  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 11:11:18 PM  
 Vial # : 70  
 Method Filename : Default Project - VOLATILES.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
N-PROPANOL	0.0000	248363	ppm
TOLUENE	--	--	ppm

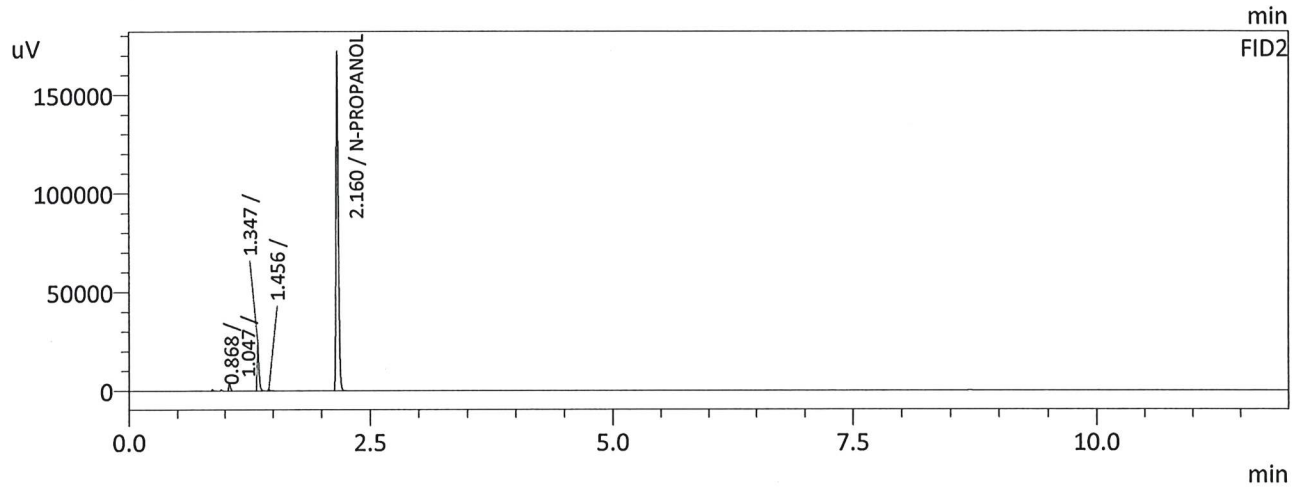
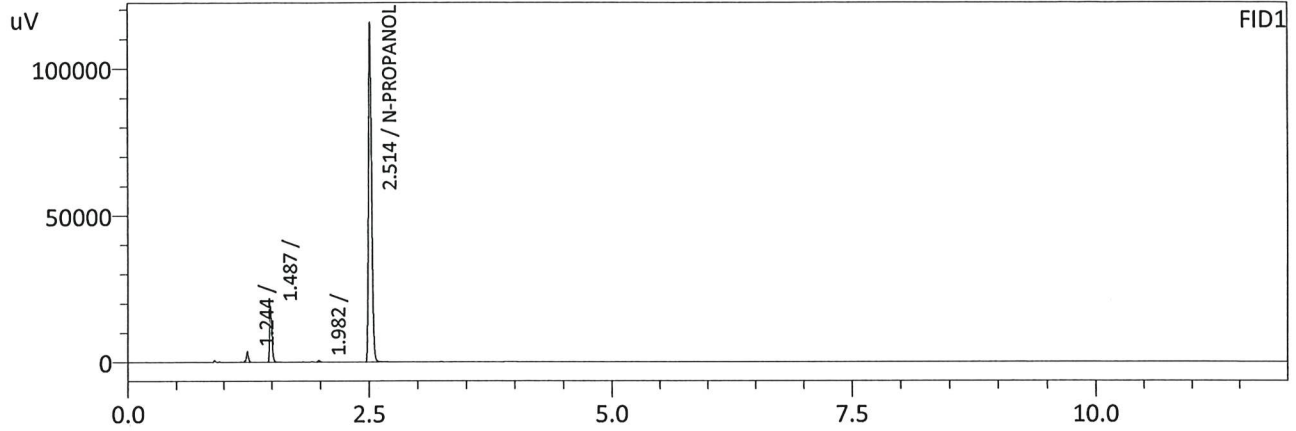
FID2

Name	Conc.	Area	Unit
TOLUENE	--	--	ppm
N-PROPANOL	0.0000	273700	ppm

no raw data saved

NB

Sample Name : P2023-1607-1-D  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 11:26:29 PM  
 Vial # : 71  
 Method Filename : Default Project - VOLATILES.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
N-PROPANOL	0.0000	256771	ppm
TOLUENE	--	--	ppm

FID2

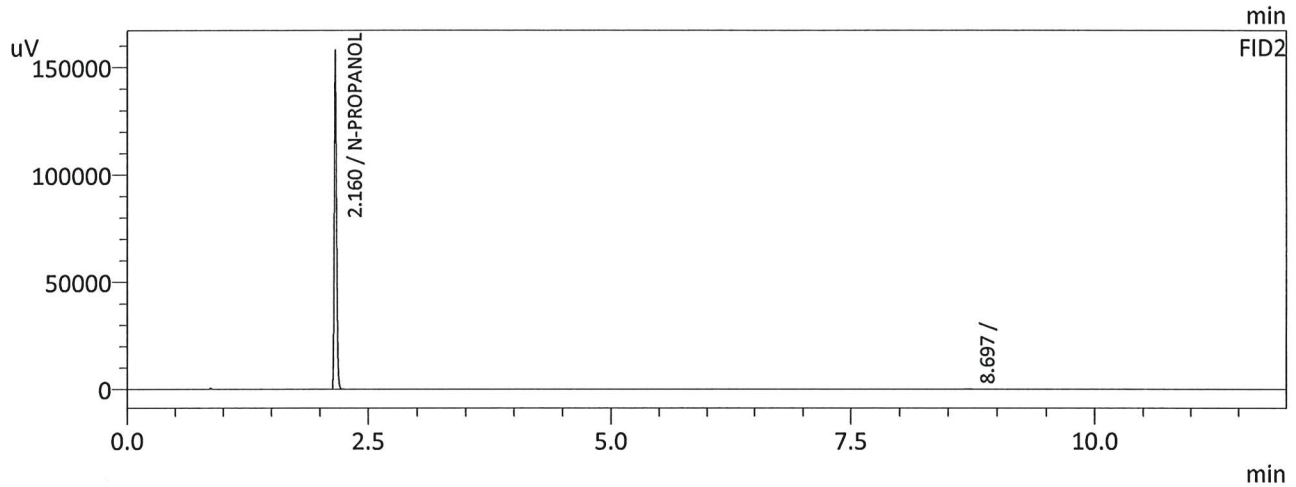
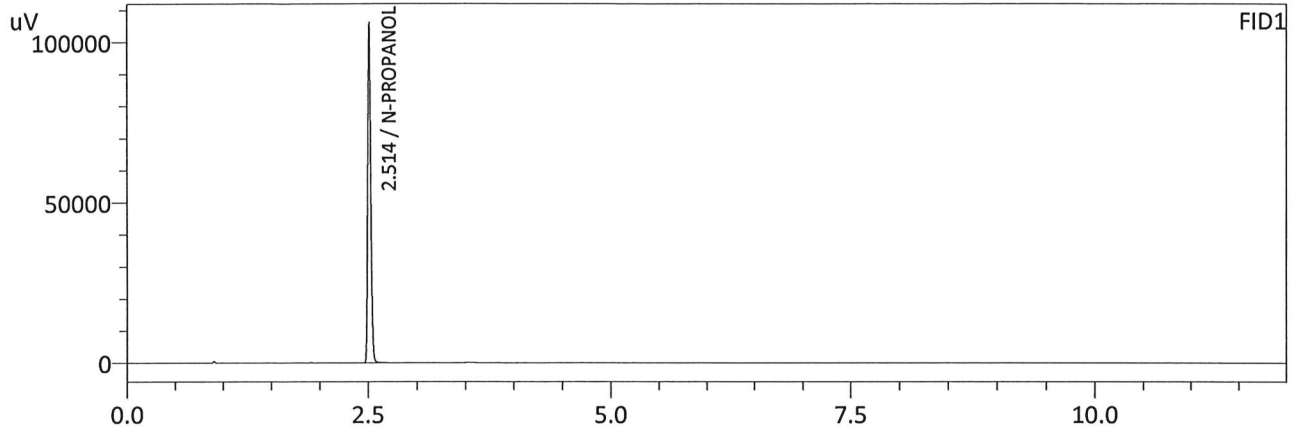
Name	Conc.	Area	Unit
TOLUENE	--	--	ppm
N-PROPANOL	0.0000	283048	ppm

no raw data saved

NB



Sample Name : ISTD BLK E  
 Laboratory : Meridian  
 Injection Date : 6/7/2023 11:42:03 PM  
 Vial # : 72  
 Method Filename : Default Project - VOLATILES.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
N-PROPANOL	0.0000	235187	ppm
TOLUENE	--	--	ppm

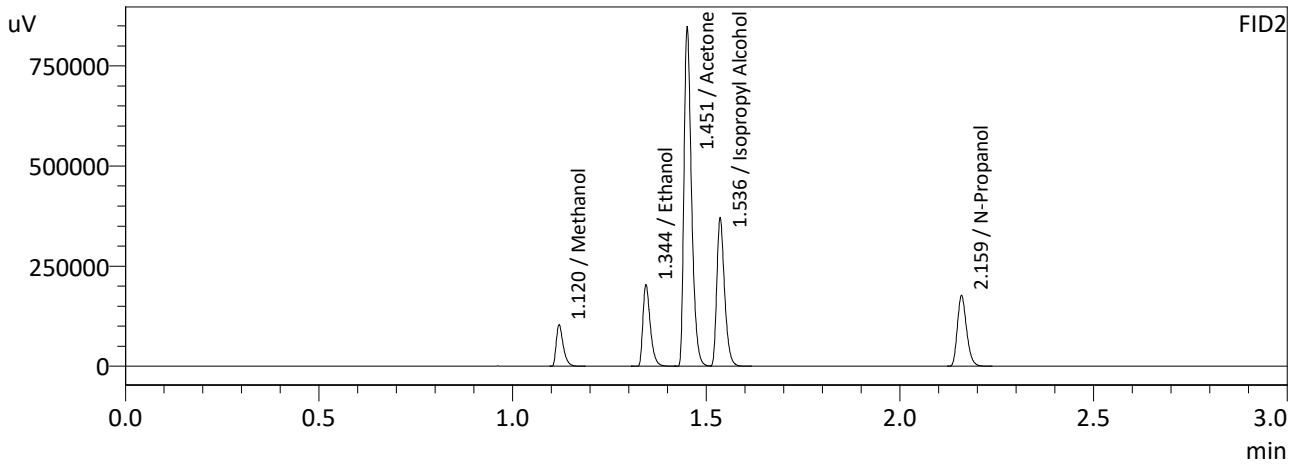
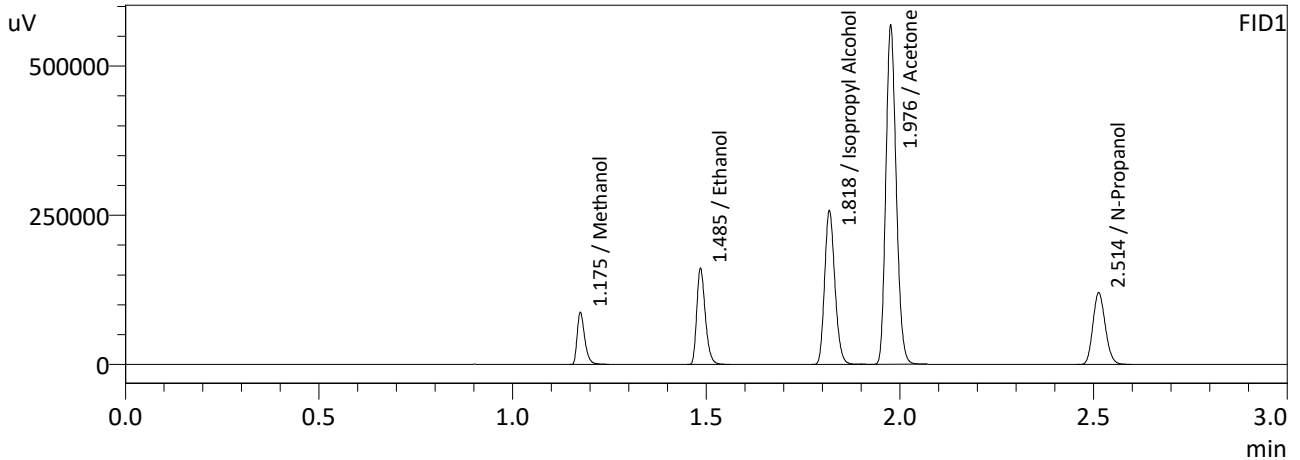
FID2

Name	Conc.	Area	Unit
TOLUENE	--	--	ppm
N-PROPANOL	0.0000	259755	ppm

*no raw data saved*

*NB*

Sample Name : MIXED VOLATILES FN06041902  
 Laboratory : Meridian  
 Injection Date : 6/8/2023 11:02:39 AM  
 Vial # : 2  
 Method Filename : Default Project - ALCOHOL.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

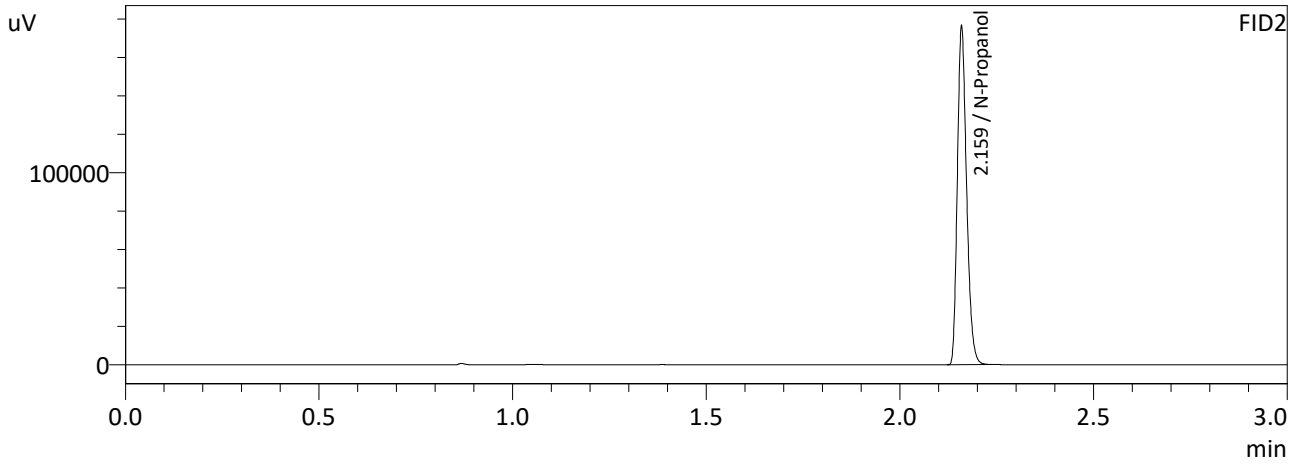
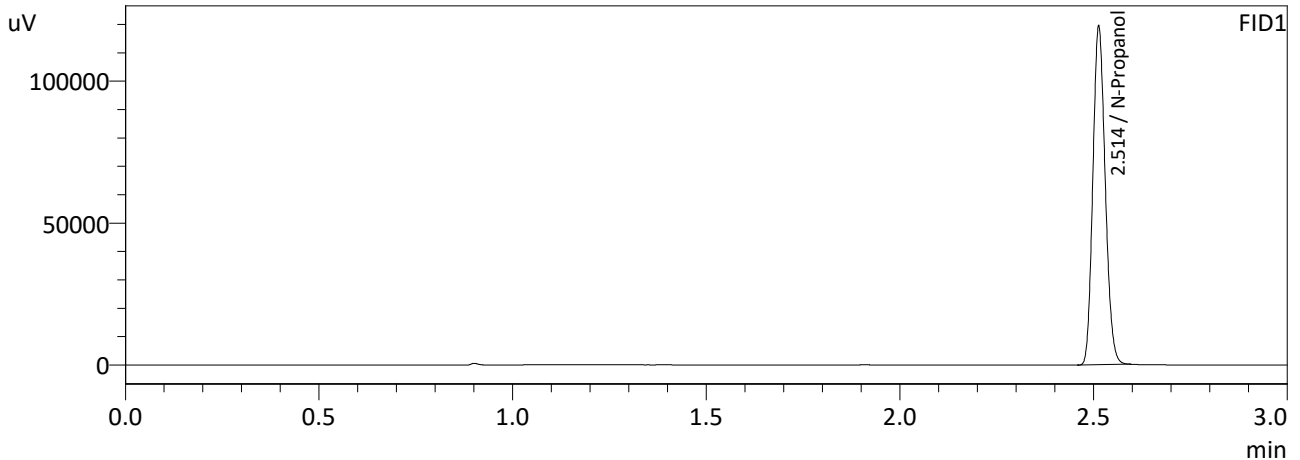
Name	Conc.	Area	Unit
Methanol	0.0000	118594	g/100cc
Ethanol	0.4066	246826	g/100cc
Isopropyl Alcohol	0.0000	475401	g/100cc
Acetone	0.0000	1055290	g/100cc
N-Propanol	0.0000	267281	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	129747	g/100cc
Ethanol	0.4072	269855	g/100cc
Acetone	0.0000	1143227	g/100cc
Isopropyl Alcohol	0.0000	516805	g/100cc
N-Propanol	0.0000	292236	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK A  
 Laboratory : Meridian  
 Injection Date : 6/8/2023 11:10:10 AM  
 Vial # : 62  
 Method Filename : Default Project - ALCOHOL.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

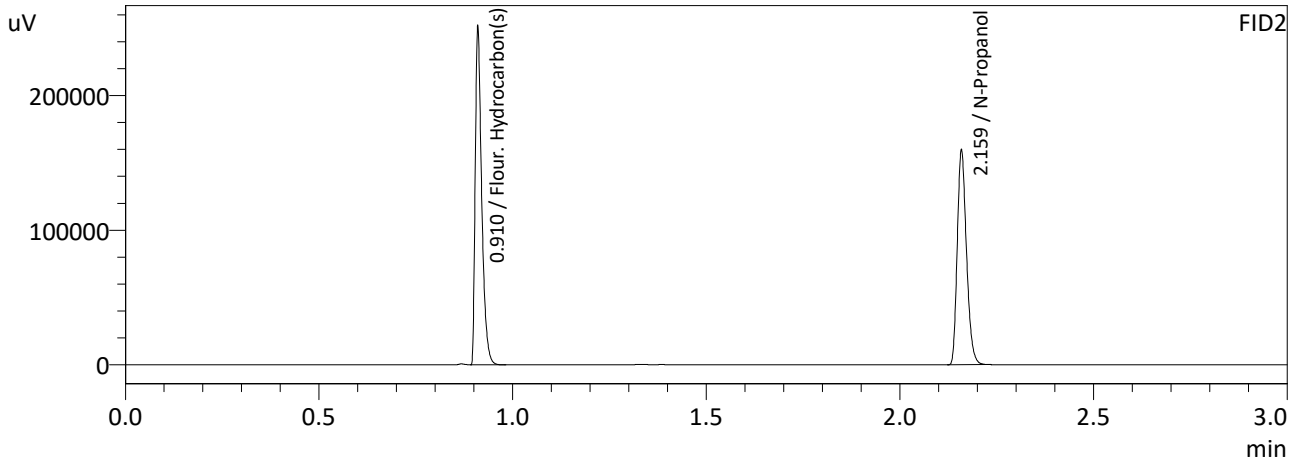
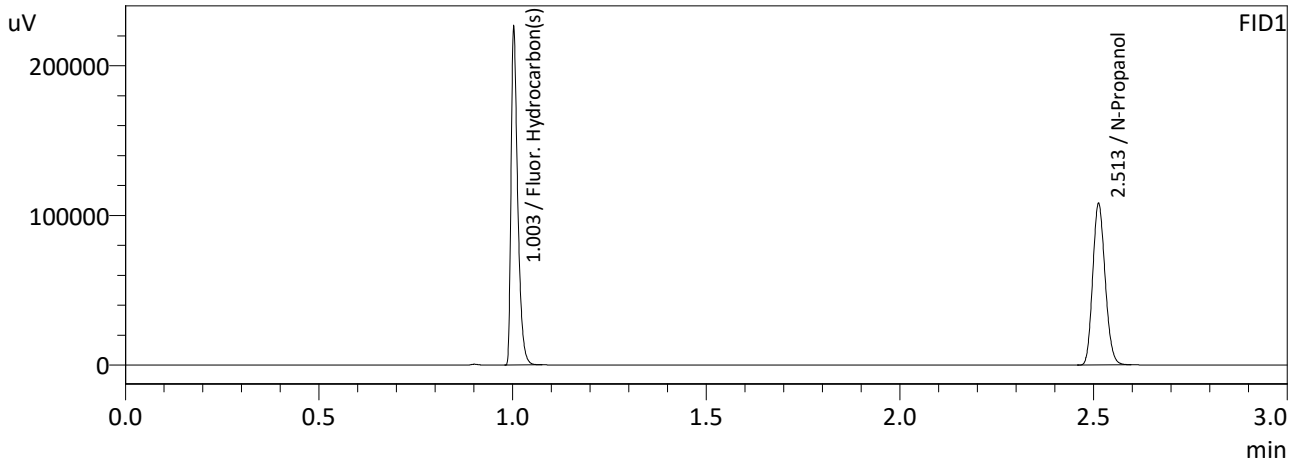
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	265153	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	291789	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : DFE 111914OM  
 Laboratory : Meridian  
 Injection Date : 6/8/2023 11:17:29 AM  
 Vial # : 63  
 Method Filename : Default Project - ALCOHOL.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

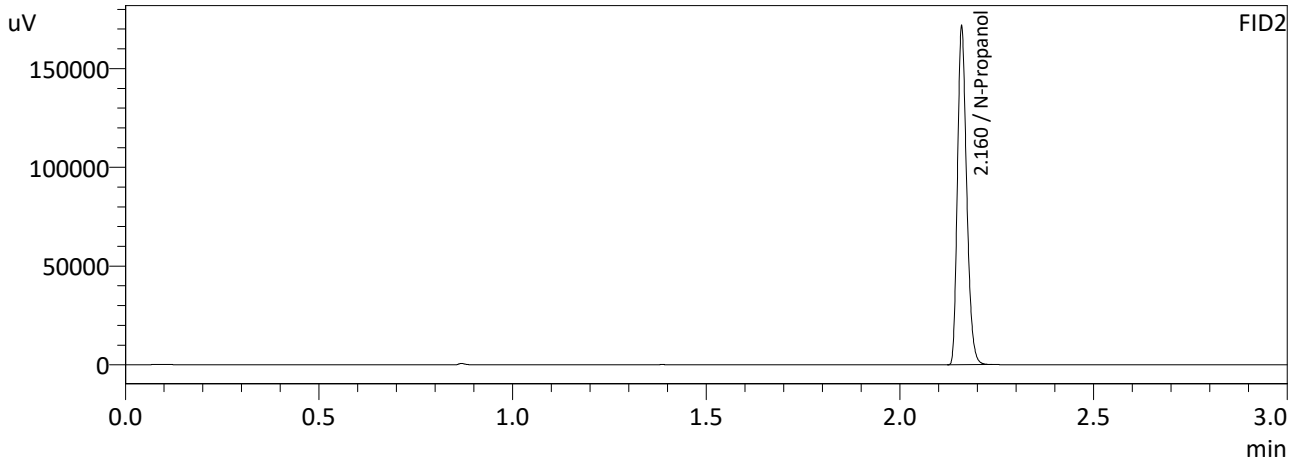
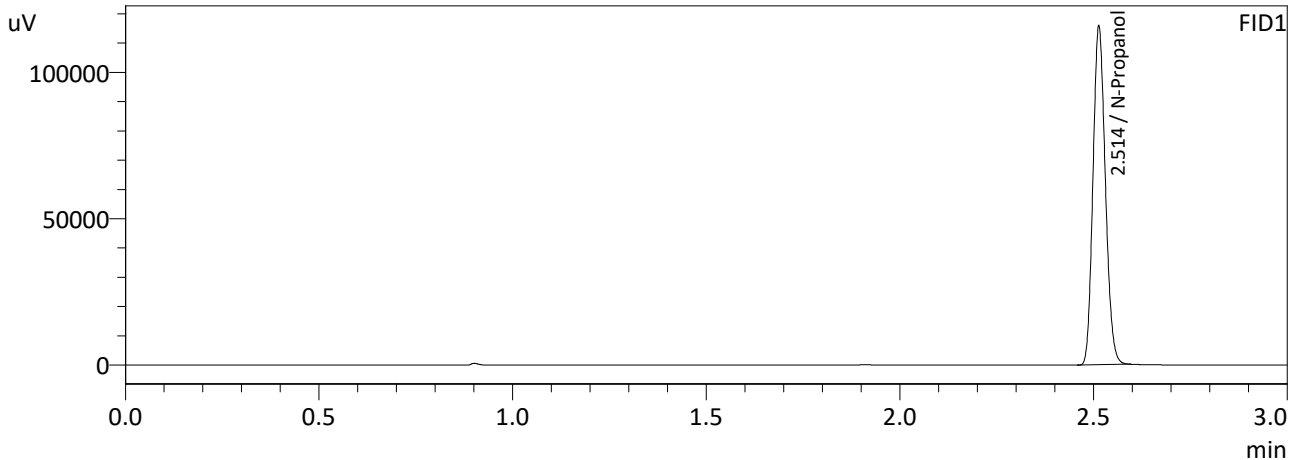
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	240422	g/100cc
Fluor. Hydrocarbon(s)	0.0000	270097	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	264594	g/100cc
Fluor. Hydrocarbon(s)	0.0000	291693	g/100cc

NB

Sample Name : ISTD BLK B  
 Laboratory : Meridian  
 Injection Date : 6/8/2023 11:26:02 AM  
 Vial # : 64  
 Method Filename : Default Project - ALCOHOL.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

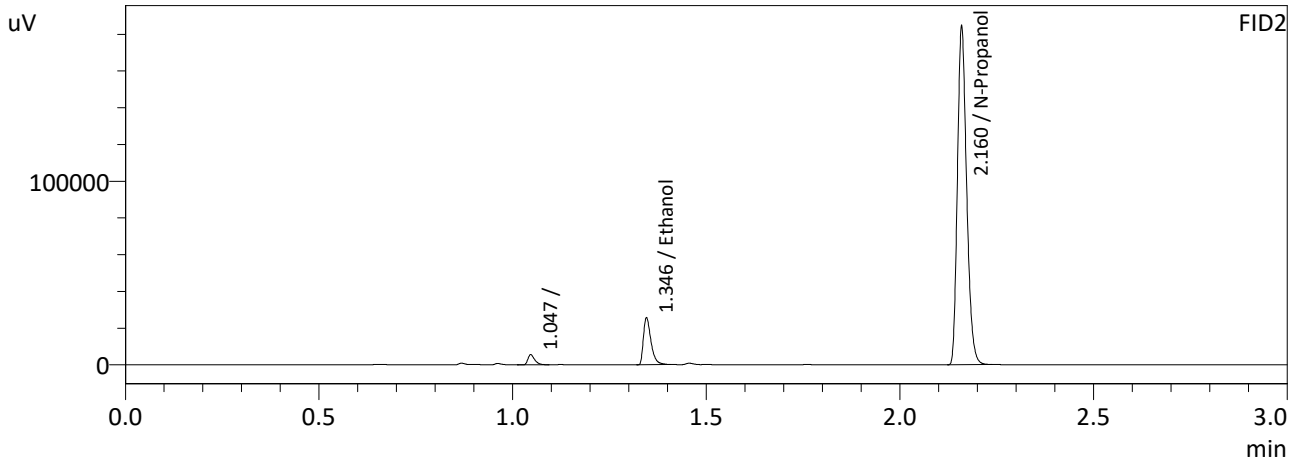
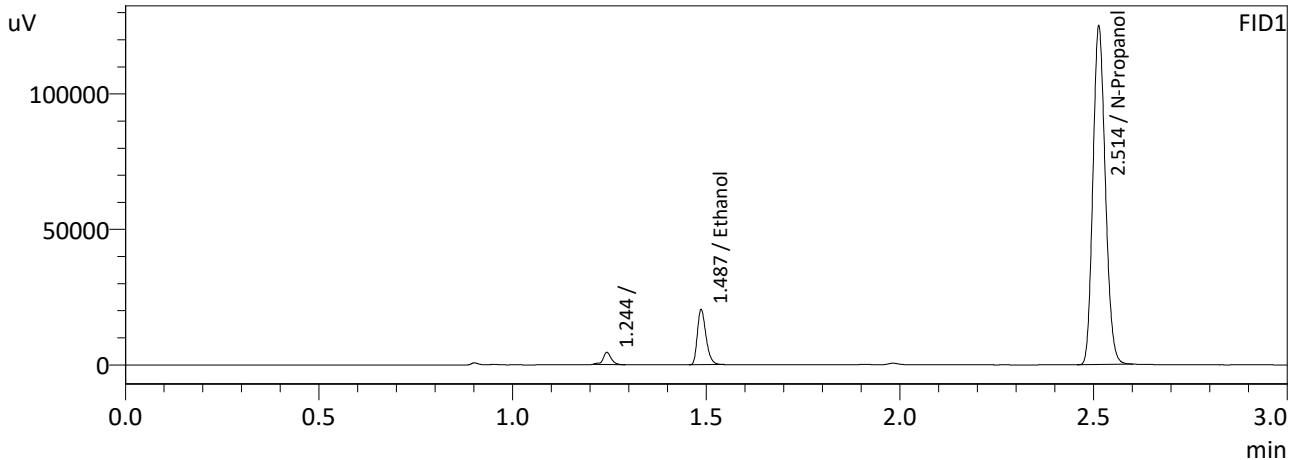
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	257613	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	283820	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : P2023-1607-1-A  
 Laboratory : Meridian  
 Injection Date : 6/8/2023 11:34:02 AM  
 Vial # : 65  
 Method Filename : Default Project - ALCOHOL.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

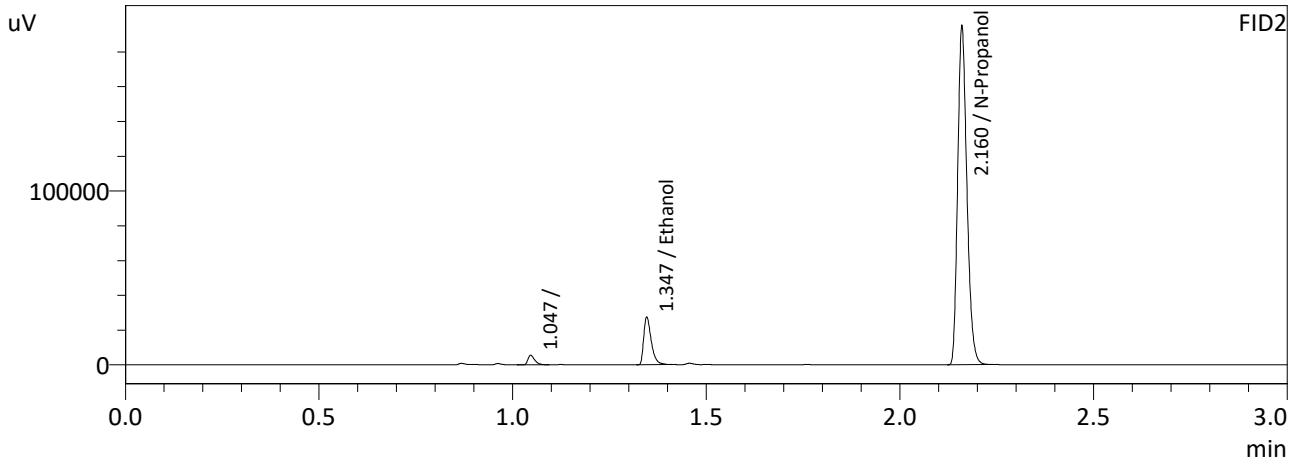
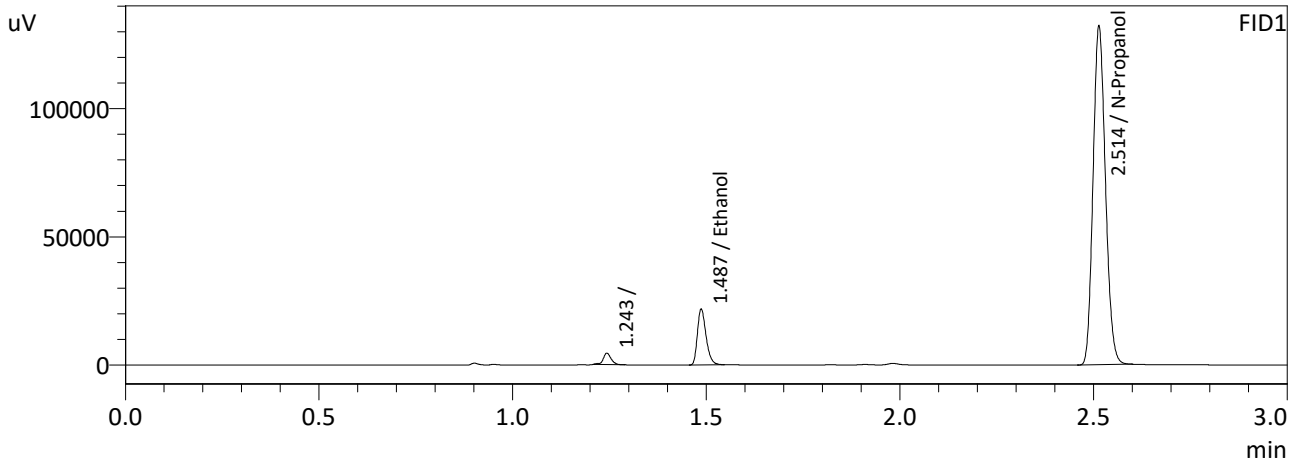
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0539	31647	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	277903	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0543	34638	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	305131	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : P2023-1607-1-B  
 Laboratory : Meridian  
 Injection Date : 6/8/2023 11:42:24 AM  
 Vial # : 66  
 Method Filename : Default Project - ALCOHOL.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

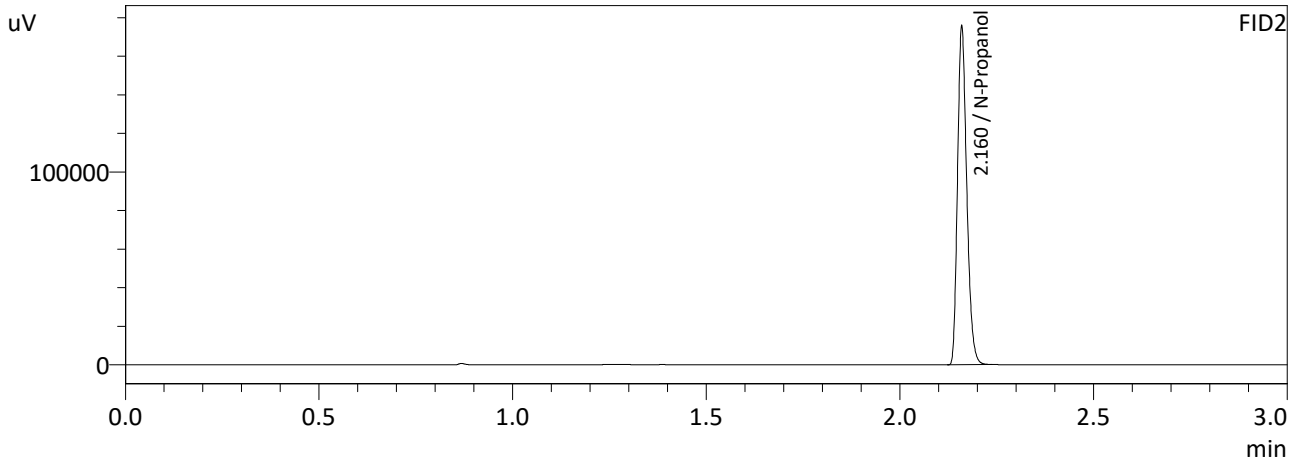
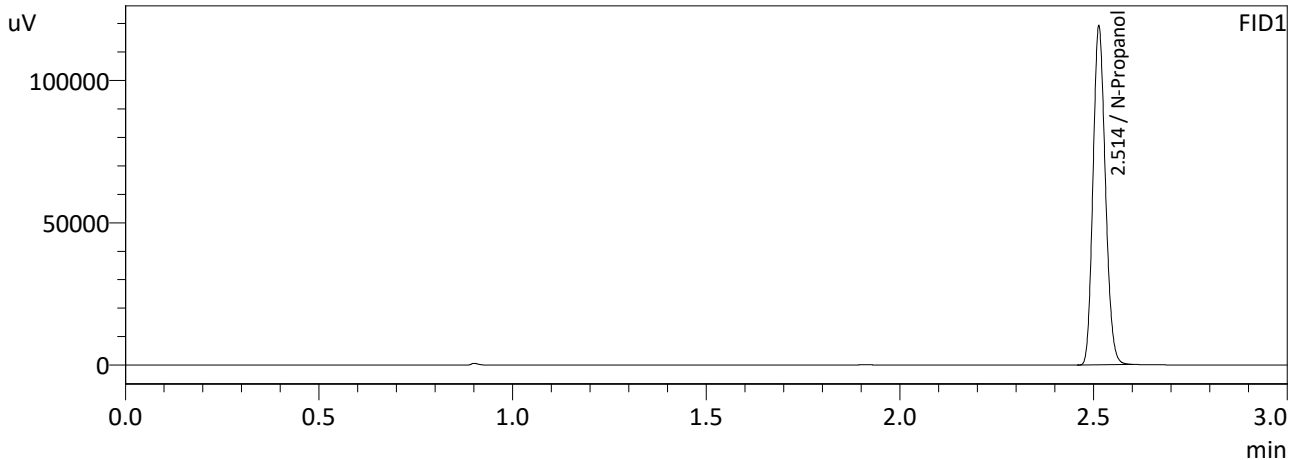
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0544	33751	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	293756	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0548	37045	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	322697	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK C  
 Laboratory : Meridian  
 Injection Date : 6/8/2023 11:49:48 AM  
 Vial # : 67  
 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	264312	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	290663	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

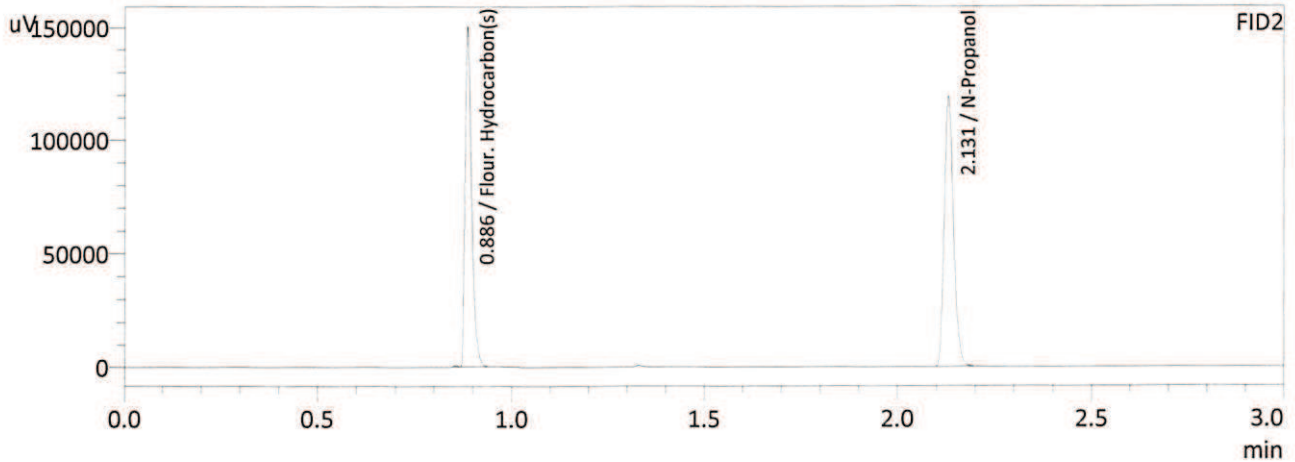
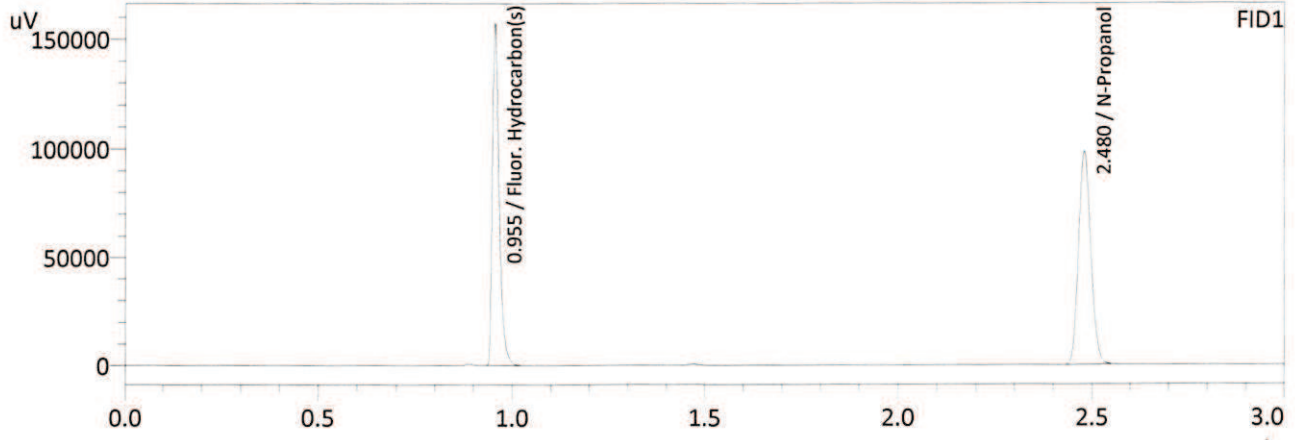
NB



I did not run TFE standard 6/8/23, based on PV retention time, still does not match unknown peaks for P2023-1607-1

Sample Name : ~~TFE~~ TFE 4/21/21 55  
 Laboratory : Meridian  
 Injection Date : 4/20/2021 6:12:43 PM  
 Vial # : 49  
 Method Filename : C:\LabSolutions\Data\210420\CALIBRATION\ALCOHOL.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409

NB 6/8/23



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.00000	216854	g/100cc
Fluor. Hydrocarbon(s)	0.00000	191791	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.00000	197009	g/100cc
Fluor. Hydrocarbon(s)	0.00000	174898	g/100cc

NB

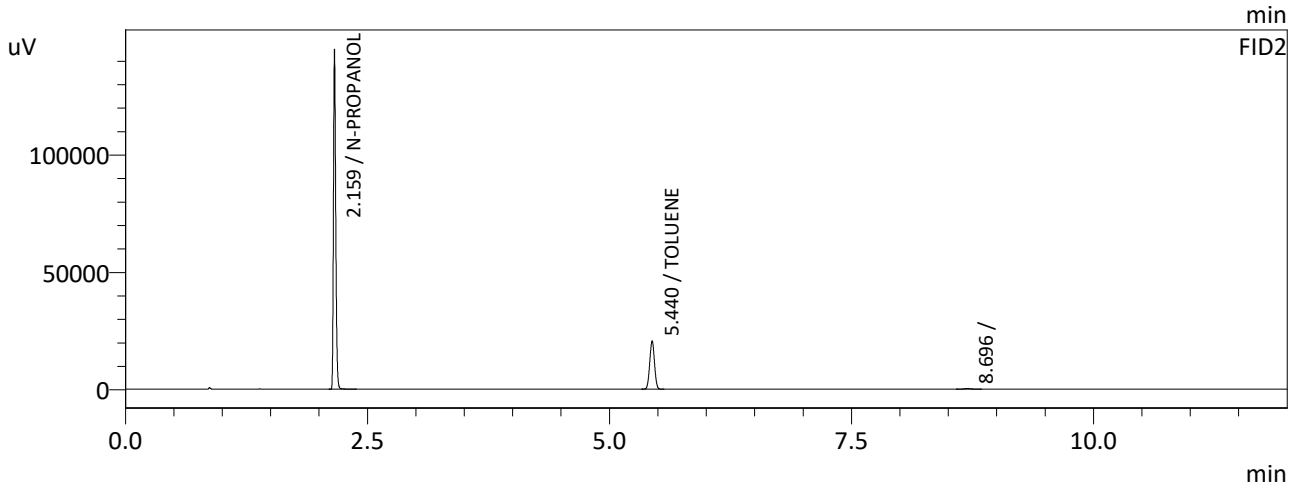
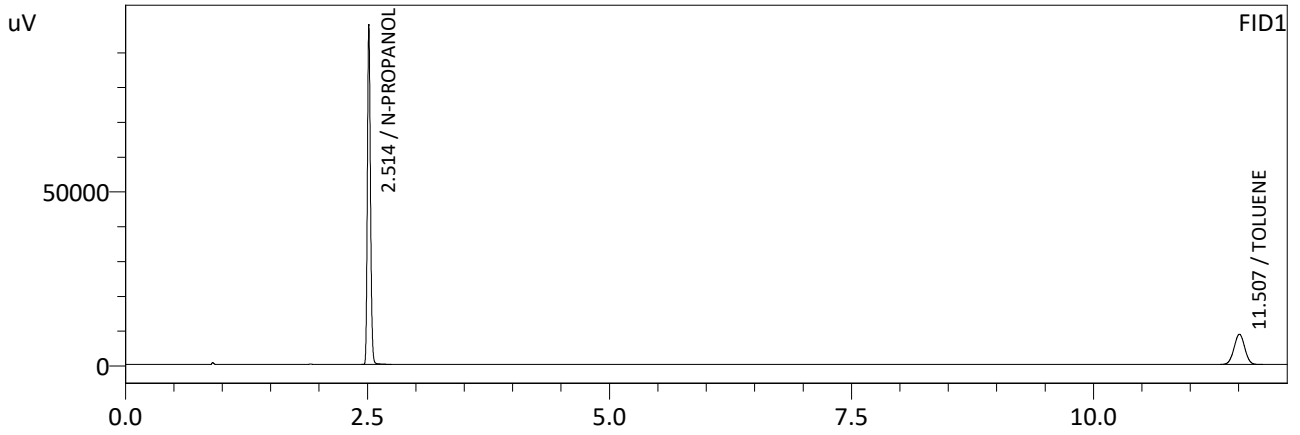
# Meridian Blood Alcohol Analysis Batch Table

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
2	ED VOLATILES FN06041	0:Unknown	0	ALCOHOL.GCM
62	ISTD BLK A	0:Unknown	0	ALCOHOL.GCM
63	DFE 111914OM	0:Unknown	0	ALCOHOL.GCM
64	ISTD BLK B	0:Unknown	0	ALCOHOL.GCM
65	P2023-1607-1-A	0:Unknown	0	ALCOHOL.GCM
66	P2023-1607-1-B	0:Unknown	0	ALCOHOL.GCM
67	ISTD BLK C	0:Unknown	0	ALCOHOL.GCM

NB

Sample Name : TOLUENE 002007  
 Laboratory : Meridian  
 Injection Date : 6/8/2023 12:22:41 PM  
 Vial # : 68  
 Method Filename : Default Project - VOLATILES.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

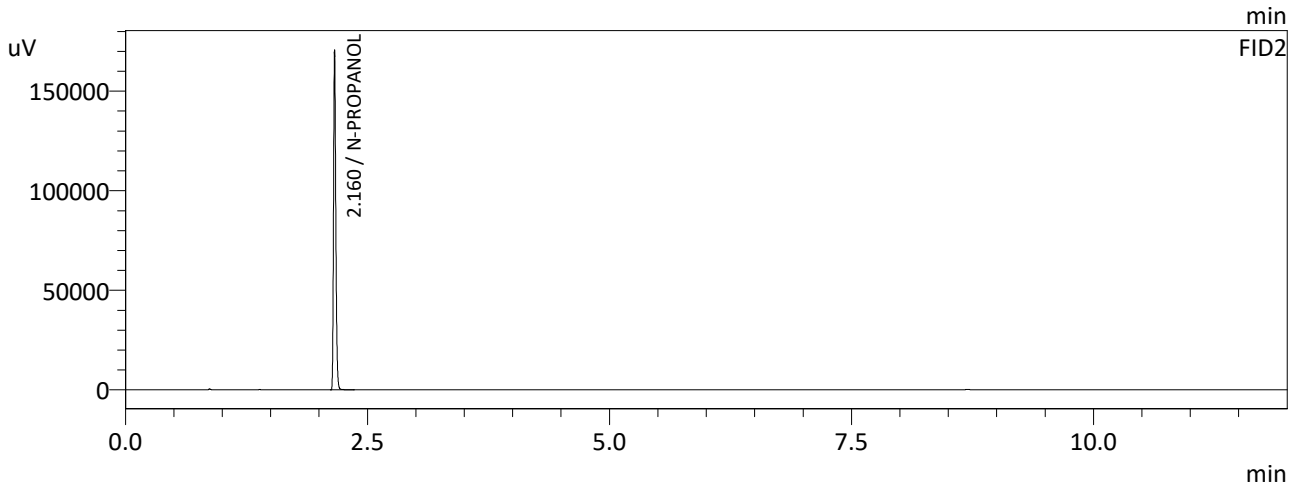
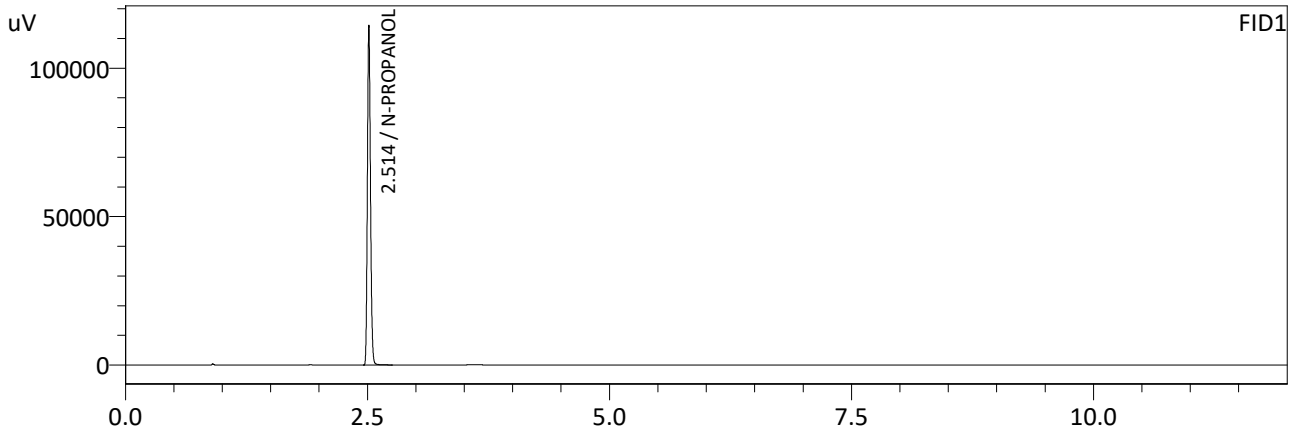
Name	Conc.	Area	Unit
N-PROPANOL	0.0000	217242	ppm
TOLUENE	0.0000	66487	ppm

FID2

Name	Conc.	Area	Unit
TOLUENE	0.0000	70226	ppm
N-PROPANOL	0.0000	238898	ppm

NB

Sample Name : ISTD BLK D  
 Laboratory : Meridian  
 Injection Date : 6/8/2023 12:38:13 PM  
 Vial # : 69  
 Method Filename : Default Project - VOLATILES.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

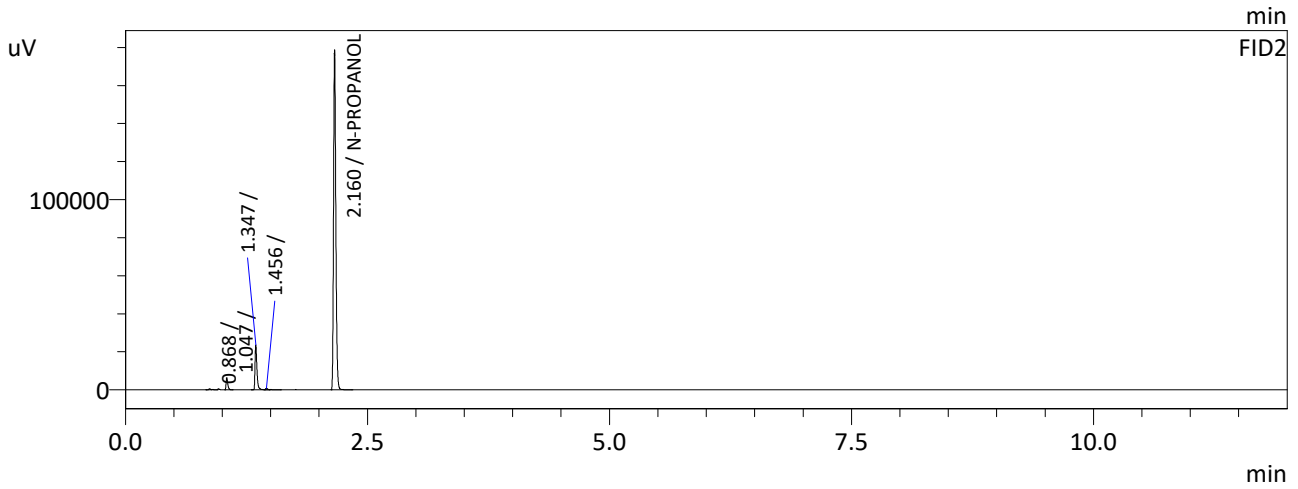
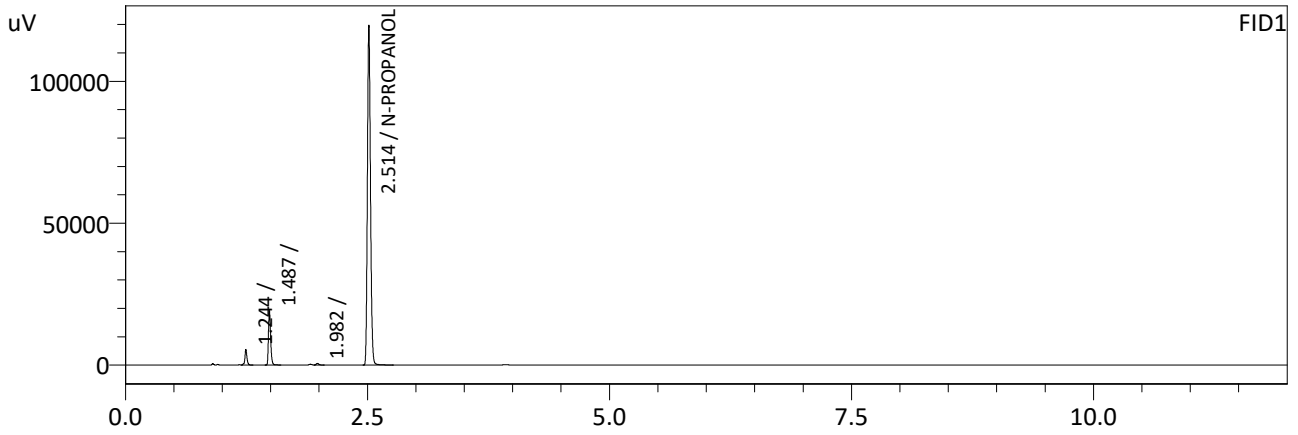
Name	Conc.	Area	Unit
N-PROPANOL	0.0000	253970	ppm
TOLUENE	--	--	ppm

FID2

Name	Conc.	Area	Unit
TOLUENE	--	--	ppm
N-PROPANOL	0.0000	279690	ppm

NB

Sample Name : P2023-1607-1-C  
 Laboratory : Meridian  
 Injection Date : 6/8/2023 12:53:27 PM  
 Vial # : 70  
 Method Filename : Default Project - VOLATILES.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

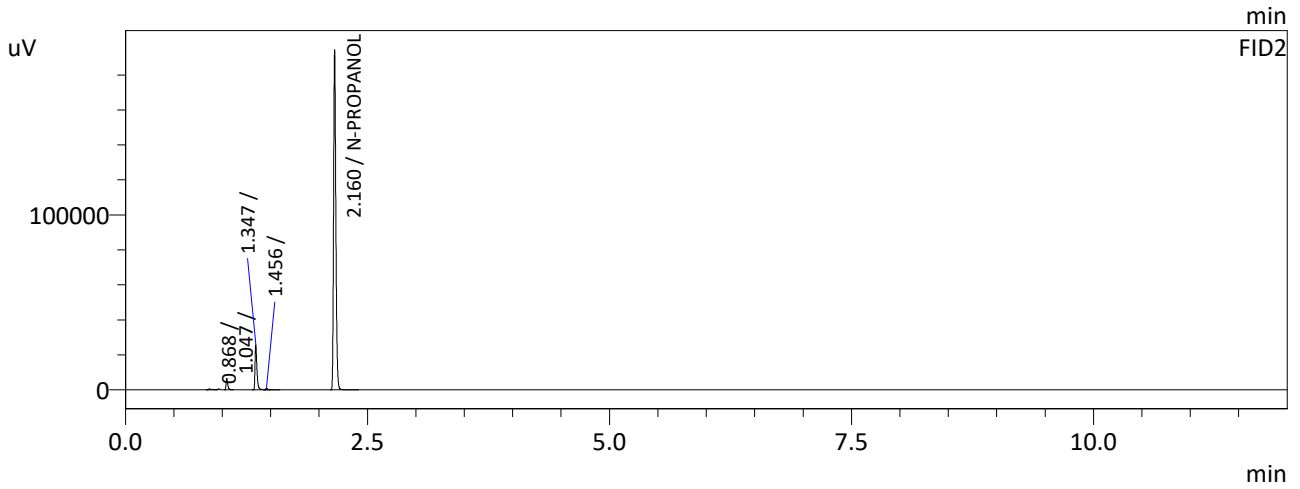
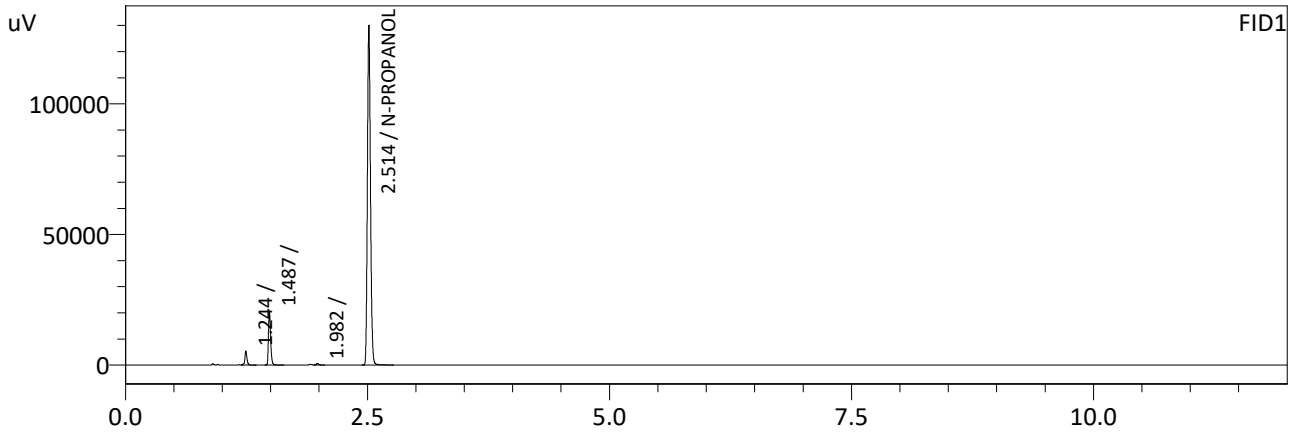
Name	Conc.	Area	Unit
N-PROPANOL	0.0000	265915	ppm
TOLUENE	--	--	ppm

FID2

Name	Conc.	Area	Unit
TOLUENE	--	--	ppm
N-PROPANOL	0.0000	292517	ppm

NB

Sample Name : P2023-1607-1-D  
 Laboratory : Meridian  
 Injection Date : 6/8/2023 1:08:52 PM  
 Vial # : 71  
 Method Filename : Default Project - VOLATILES.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

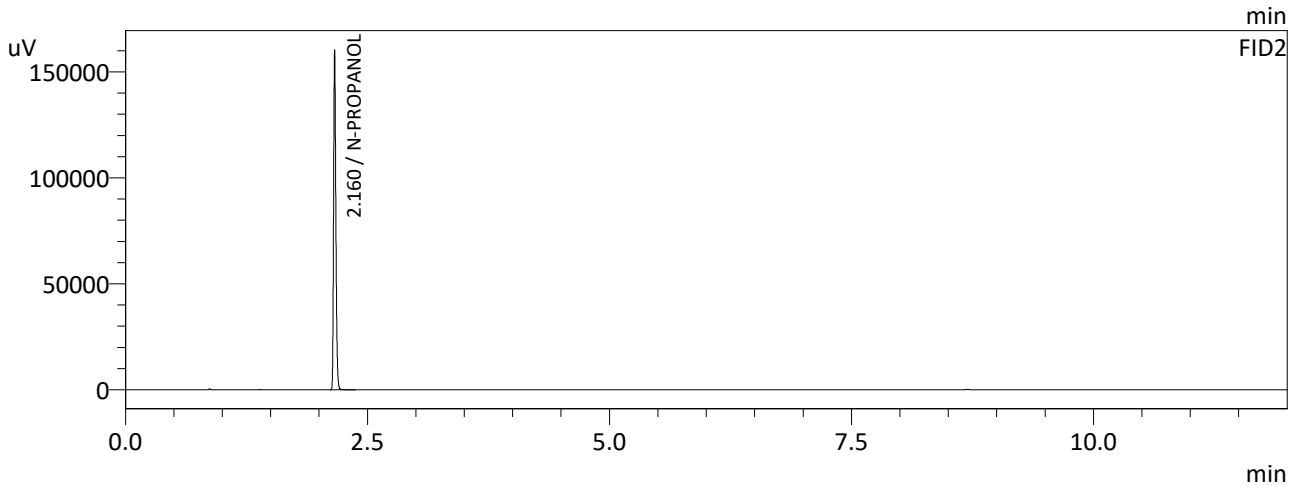
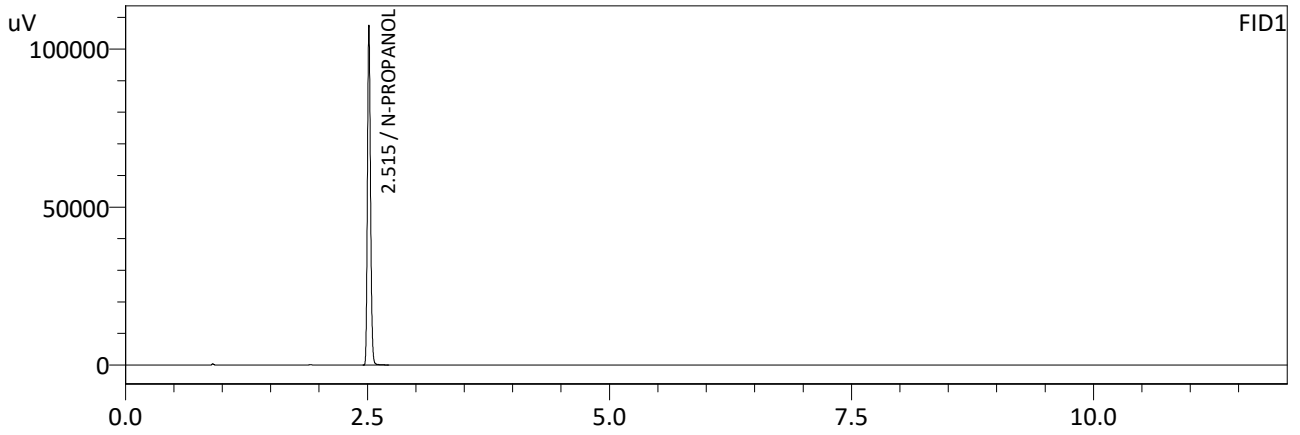
Name	Conc.	Area	Unit
N-PROPANOL	0.0000	288496	ppm
TOLUENE	--	--	ppm

FID2

Name	Conc.	Area	Unit
TOLUENE	--	--	ppm
N-PROPANOL	0.0000	318101	ppm

NB

Sample Name : ISTD BLK E  
 Laboratory : Meridian  
 Injection Date : 6/8/2023 1:24:31 PM  
 Vial # : 72  
 Method Filename : Default Project - VOLATILES.GCM  
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
N-PROPANOL	0.0000	238945	ppm
TOLUENE	--	--	ppm

FID2

Name	Conc.	Area	Unit
TOLUENE	--	--	ppm
N-PROPANOL	0.0000	263425	ppm

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
68	TOLUENE 002007	0:Unknown	0	VOLATILES.GCM
69	ISTD BLK D	0:Unknown	0	VOLATILES.GCM
70	P2023-1607-1-C	0:Unknown	0	VOLATILES.GCM
71	P2023-1607-1-D	0:Unknown	0	VOLATILES.GCM
72	ISTD BLK E	0:Unknown	0	VOLATILES.GCM

NB