NB

Worklist: 6127

LAB CASE	ITEM	ITEM TYPE	DESCRIPTION	
M2022-4108	1	BCK	Alcohol Analysis	
M2022-4139	1	BCK	Alcohol Analysis	
M2022-4177	1	BCK	Alcohol Analysis	
M2022-4178	1	BCK	Alcohol Analysis	
M2022-4179	1	BCK	Alcohol Analysis	
M2022-4184	1	BCK	Alcohol Analysis	
M2022-4185	1	BCK	Alcohol Analysis	
M2022-4186	1	BCK	Alcohol Analysis	
M2022-4187	1	BCK	Alcohol Analysis	
M2022-4188	1	BCK	Alcohol Analysis	
M2022-4190	1	BCK	Alcohol Analysis	
M2022-4217	1	BCK	Alcohol Analysis	
M2022-4232	1	BCK	Alcohol Analysis	
M2022-4233	1	BCK	Alcohol Analysis	
M2022-4236	1	BCK	Alcohol Analysis	
M2022-4252	1	BCK	Alcohol Analysis	
M2022-4253	1	BCK	Alcohol Analysis	
M2022-4254	1	BCK	Alcohol Analysis	
M2022-4255	1	BCK	Alcohol Analysis	
M2022-4256	1	BCK	Alcohol Analysis	
M2022-4257	1	BCK	Alcohol Analysis	

Worklist: 6127

LAB CASE	ITEM	ITEM TYPE	DESCRIPTION
M2022-4258	1	BCK	Alcohol Analysis

_NB_

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0				_NB_ 10/14/22	
Device: Hamilton MICROLAB Liquid Processor/Dilutor		**Serial Number:**		M L600HC11378	
Volatiles Quality Assurance Controls			**Run Date(s):**	10/13/22	
			Calibration Date: *(if different)*		
			Worklist #:	6127	

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0729 g/100cc
					0.0774 g/100cc
					g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2129 g/100cc
					0.2155 g/100cc
					g/100cc

Multi-Component mixture:		Exp:	Oct. 2024	Lot #	FN06041902	
Curve Fit:			Column 1	0.99984	Column2	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	0.0518	0.0001	0.0518
100	0.100	0.090 - 0.110	0.1008	0.1007	0.0001	0.1007
200	0.200	0.180 - 0.220	0.1967	0.1968	1E-04	0.1967
300	0.300	0.270 - 0.330	0.2985	0.2990	0.0005	0.2987
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5017	0.5015	0.0002	0.5016

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results	
80	0.080	0.076 - 0.084	0.081	g/100cc

NB

Internal Standard Monitoring Worksheet

Worklist #:	6127	Run Date(s):	10/13/22

Internal Standard Solution:		Prep Date:	8/31/2022	Exp Date: 2/31/2023

Sample Name	Column 1 Value	Column 2 Value
0.080	200895	219409
0.080	205323	224067
QC1	199146	217278
QC1	199625	217897
QC1	235964	258000
QC1	236253	258466
QC1		
QC1		
QC2	223513	244178
QC2	228236	249278
QC2	243944	266476
QC2	254280	277692
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	222717.9	178174.3	267261.5
Column 2	243274.1	194619.3	291928.9

==
Calibration Table
==

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

NB

<<Method File>>
Method File :C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
Date Created :3/31/2021 4:25:07 PM
Date Modified :10/13/2022 3:12:40 PM

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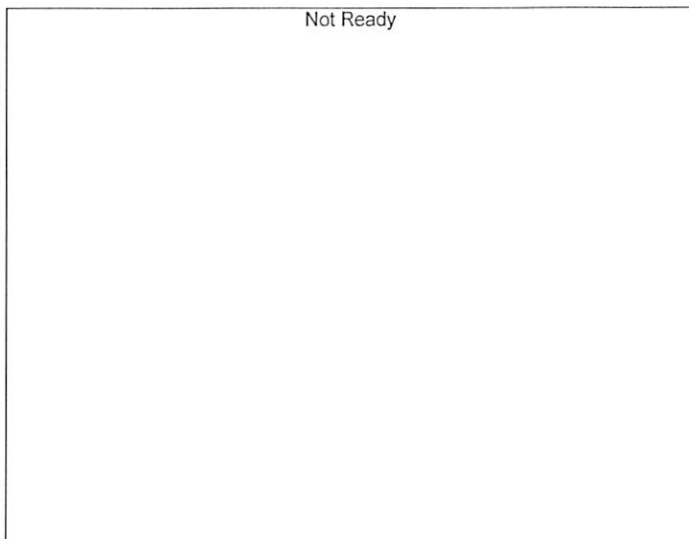
Name : Methanol
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

Area Ratio
[*10^0]
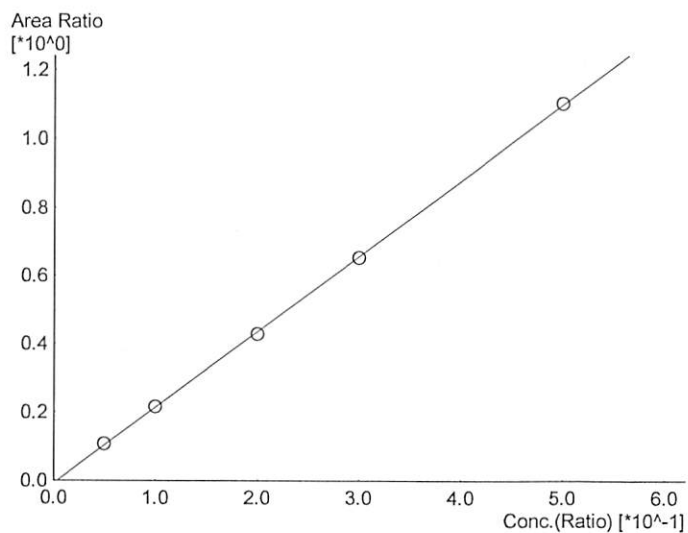
Name : Ethanol
Detector Name: FID1
Function : $f(x)=2.21120*x-0.00781841$
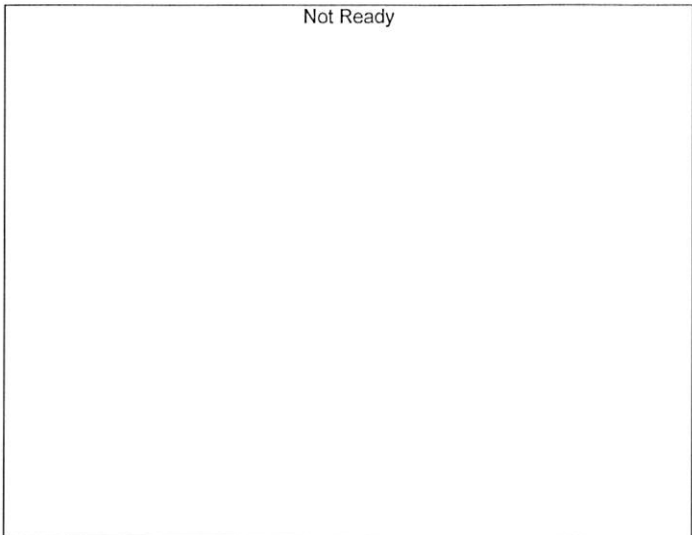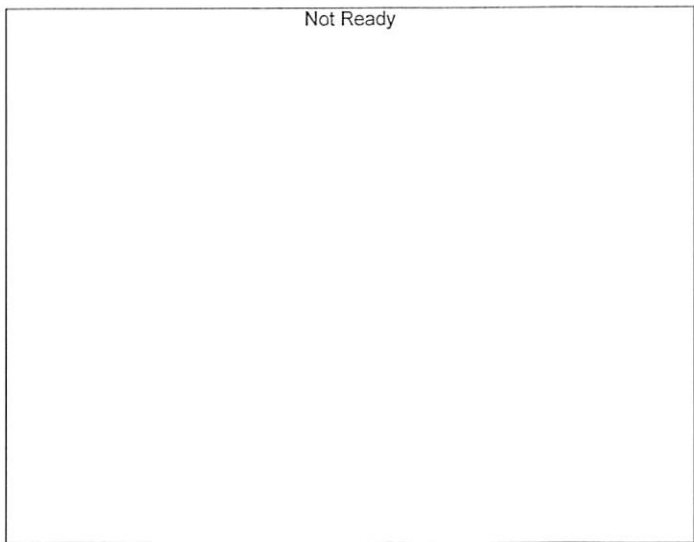R^2 value= 0.9998417
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	21316	0.0519
2	0.100	43830	0.1008
3	0.200	82958	0.1967
4	0.300	127613	0.2985
5	0.500	224732	0.5017
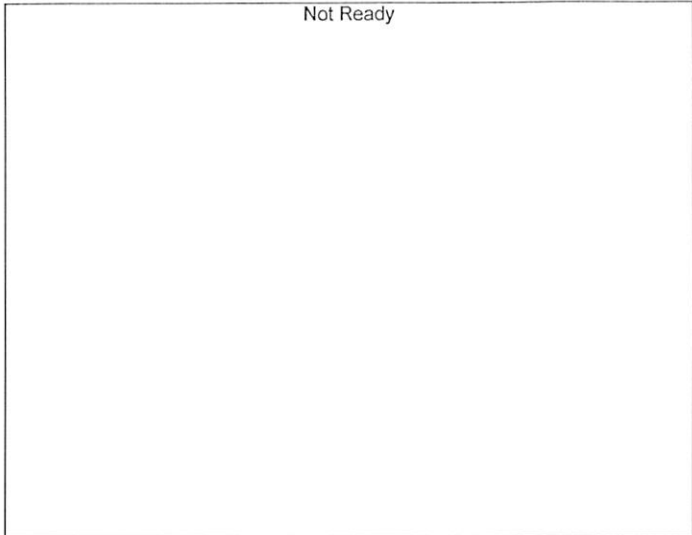
MB

Not Ready

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

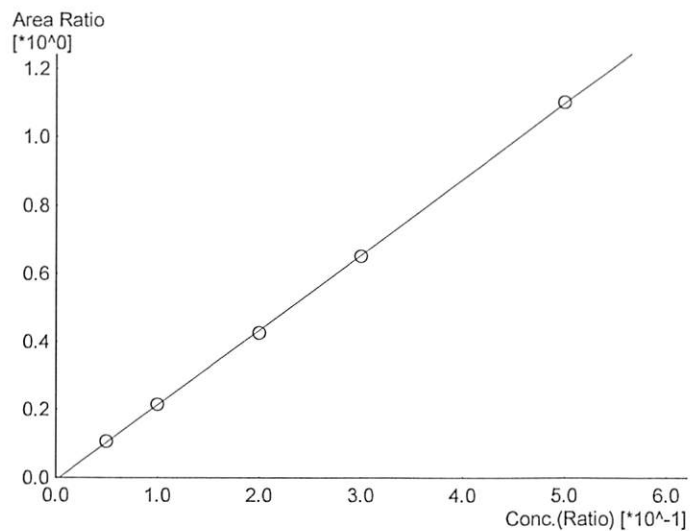| #	Conc.	Area	Std. Conc.

Not Ready

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

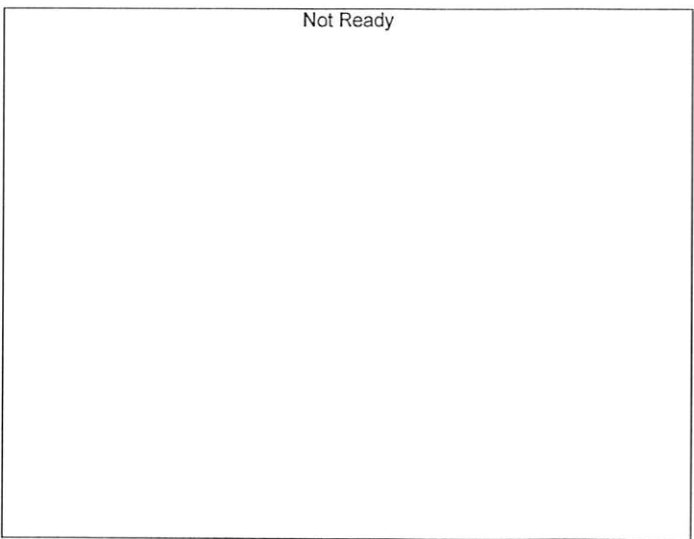| #	Conc.	Area	Std. Conc.

Not Ready

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

#	Conc.	Area	Std. Conc.

NB

Not Ready

#	Conc.	Area	Std. Conc.

Area Ratio
[*10^0]

Conc.(Ratio) [*10^-1]

#	Conc.	Area	Std. Conc.
1	0.050	23071	0.0518
2	0.100	47558	0.1007
3	0.200	90154	0.1968
4	0.300	138839	0.2990
5	0.500	244137	0.5015

Not Ready

#	Conc.	Area	Std. Conc.

NB

Not Ready

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

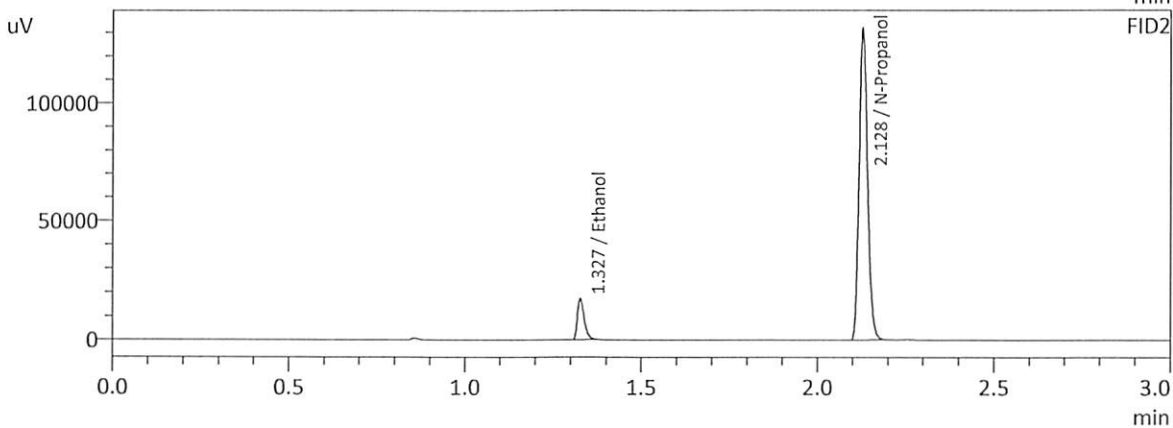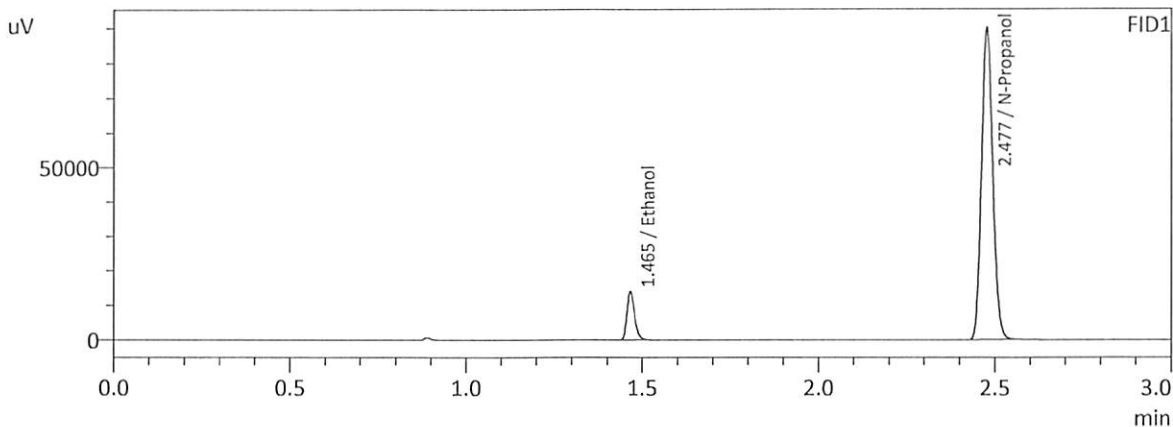| #	Conc.	Area	Std. Conc.

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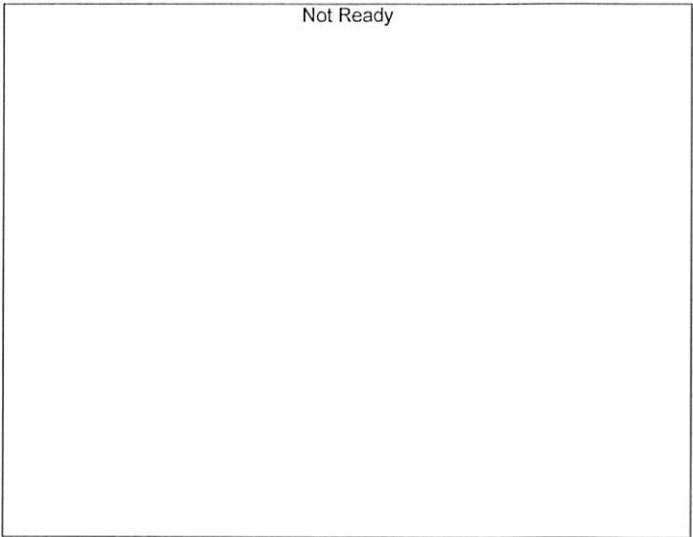
Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

NB

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0519	21316	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	198936	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0518	23071	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	217289	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB
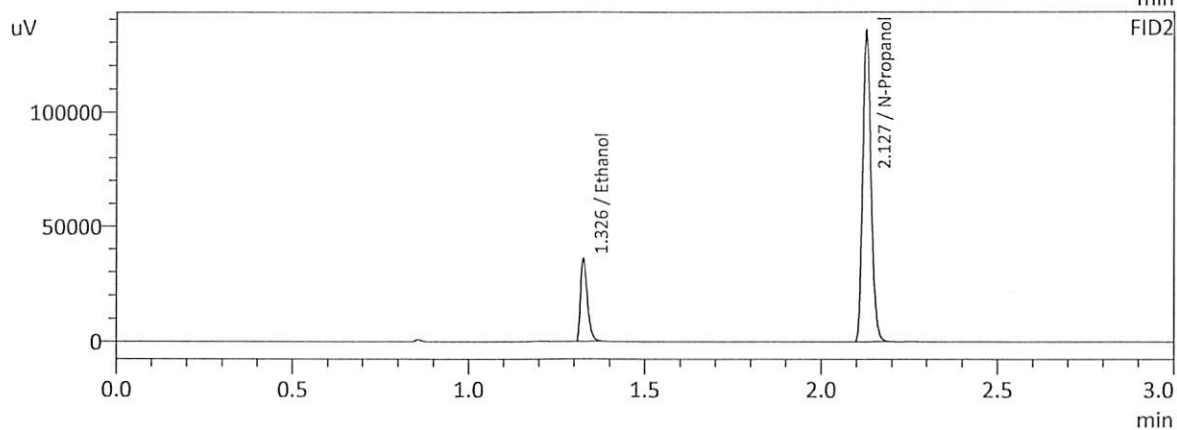
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1008	43830	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	203612	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1007	47558	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	222225	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name   : 0.200
Laboratory   : Meridian
Injection Date   : 10/13/2022 1:30:34 PM
Vial #   : 3
Method Filename : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
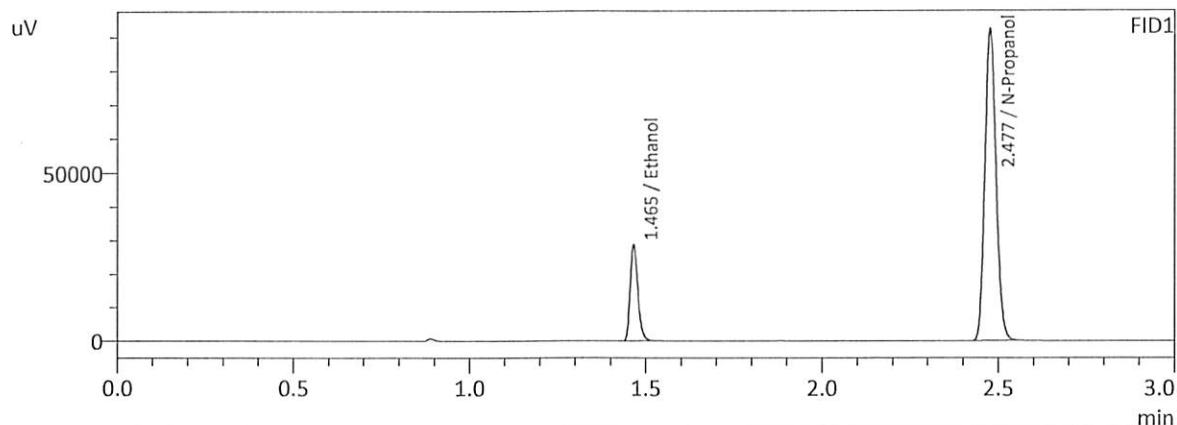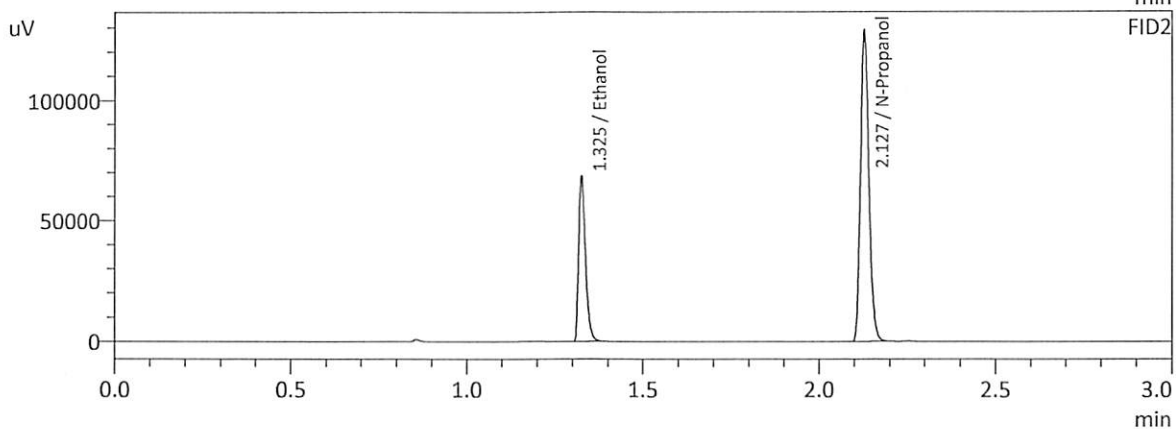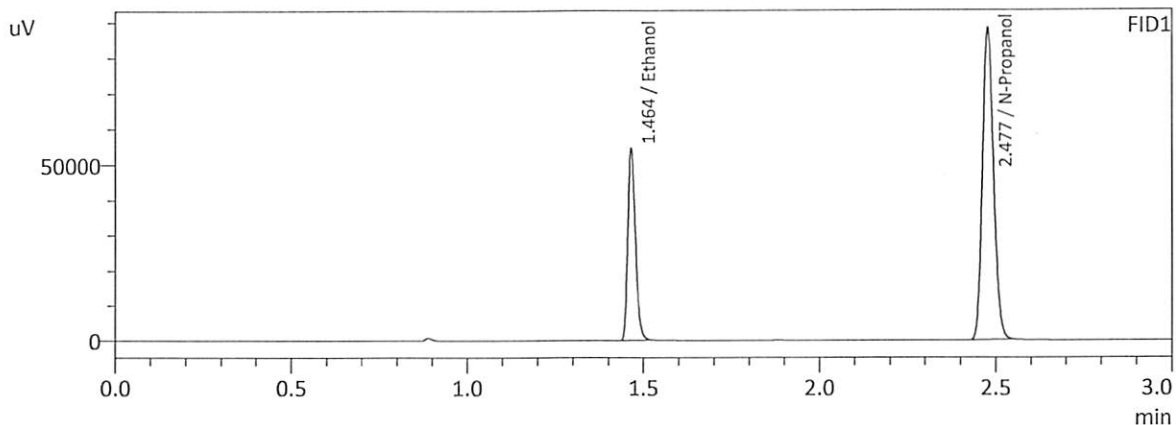Instrument #GC/HS : C12255750548 / C12595800409

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1967	82958	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	194126	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1968	90154	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	211726	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2985	127613	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	195626	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2990	138839	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	213250	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name   : 0.500
Laboratory   : Meridian
Injection Date   : 10/13/2022 1:46:58 PM
Vial #   : 5
Method Filename : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
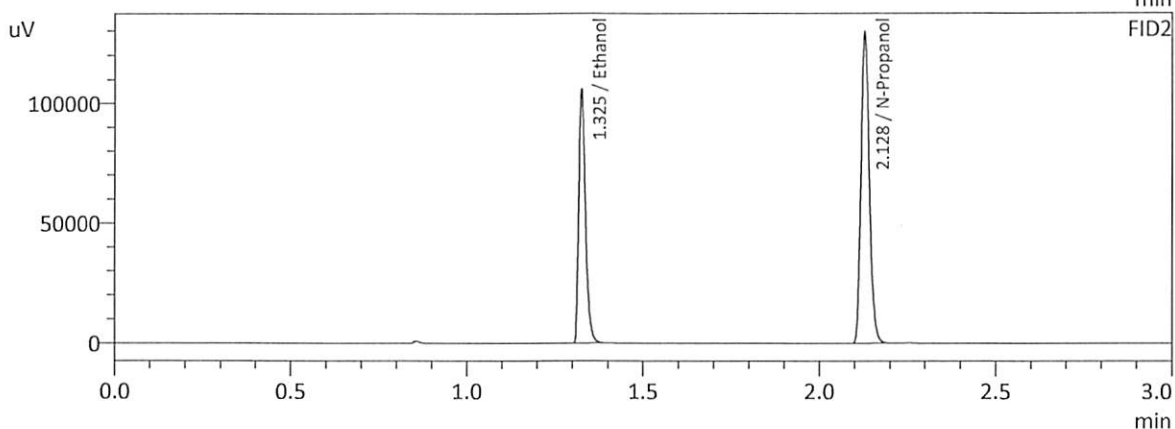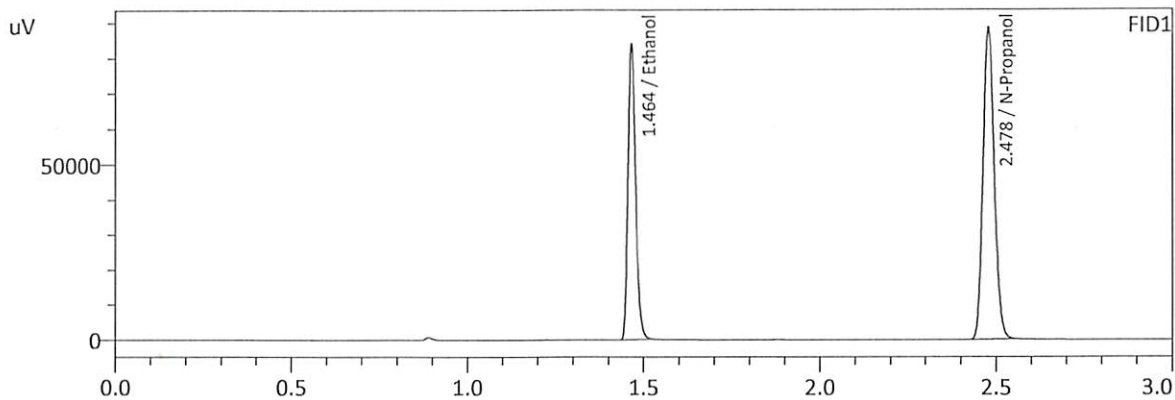Instrument #GC/HS : C12255750548 / C12595800409

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5017	224732	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	203985	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5015	244137	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	222453	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name   : INT STD BLK
Laboratory   : Meridian
Injection Date   : 10/13/2022 1:55:26 PM
Vial #   : 6
Method Filename   : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
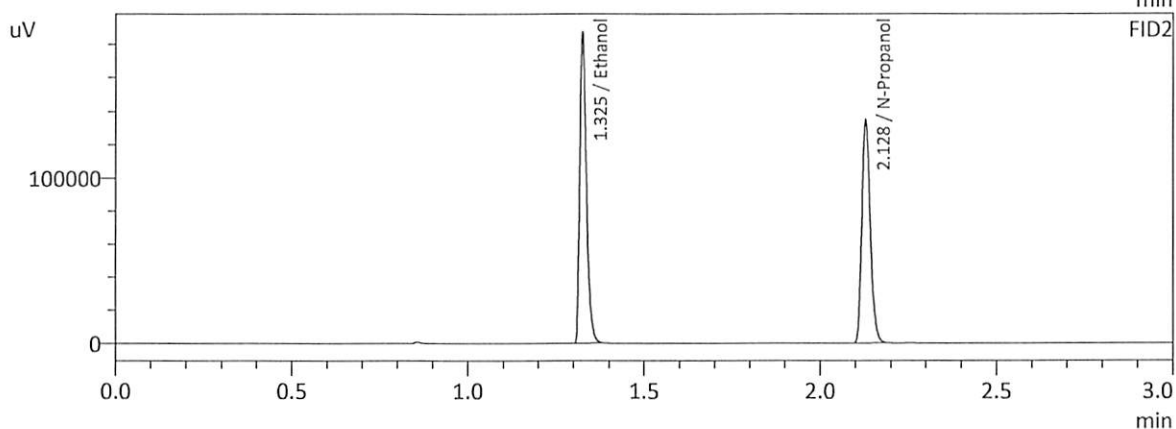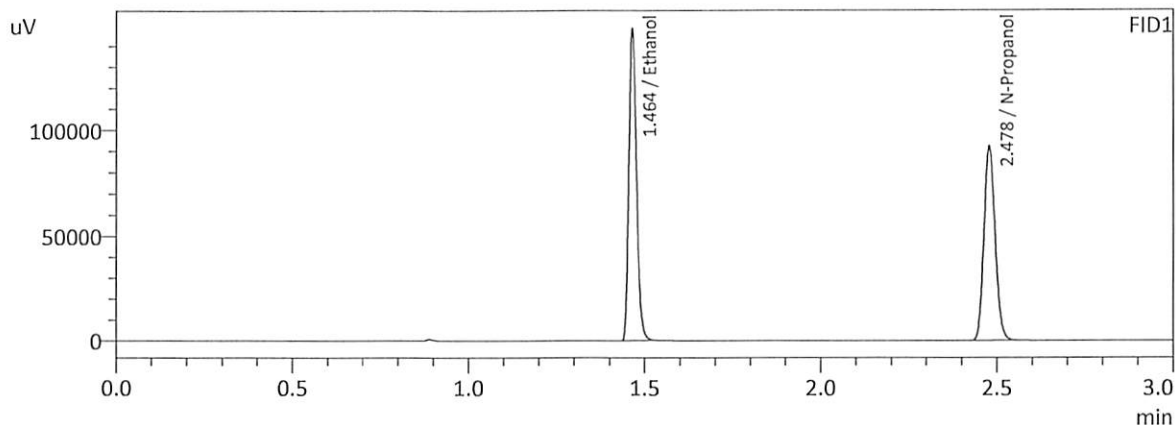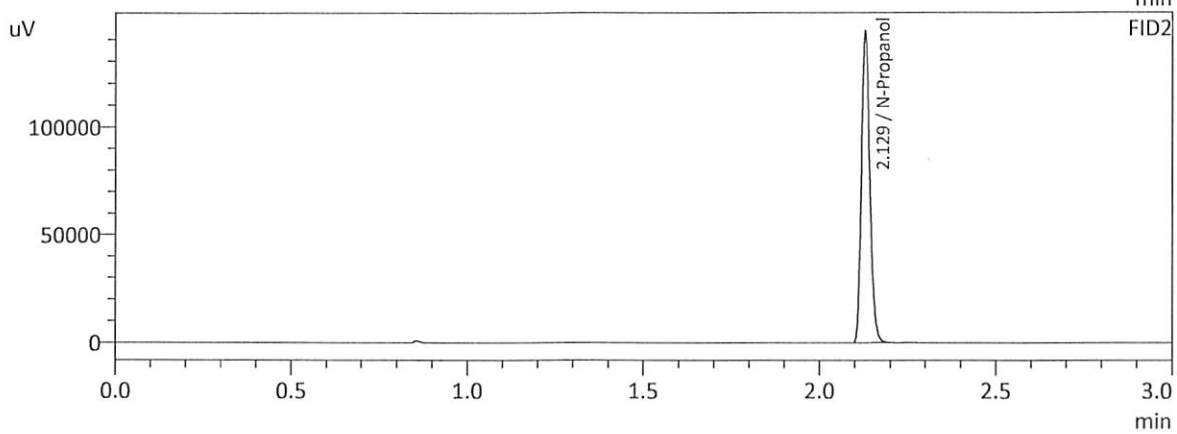Instrument #GC/HS : C12255750548 / C12595800409
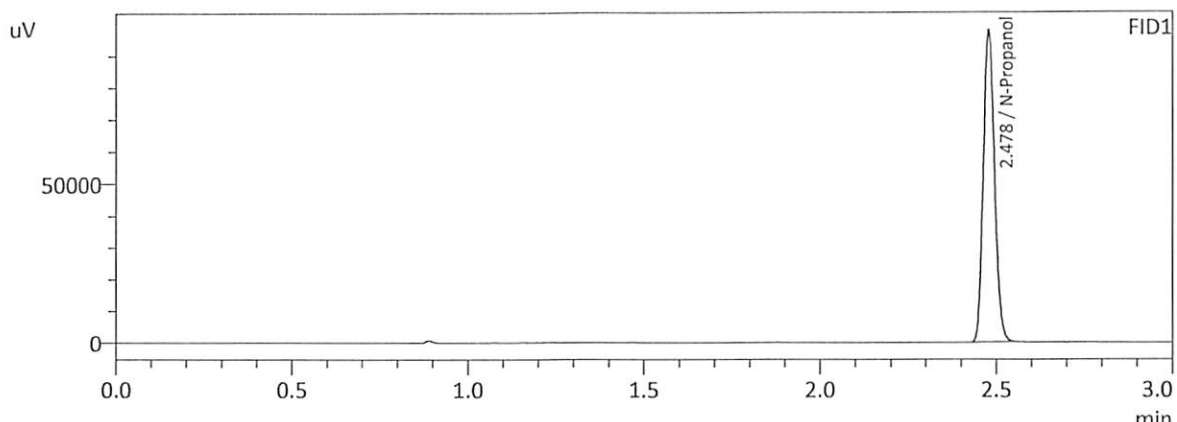
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	216713	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	236833	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Meridian Blood Alcohol Analysis Batch Table

NB

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Software Ver. 5.99
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Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL.GCM
2	0.100	1:Standard	2	ALCOHOL.GCM
3	0.200	1:Standard	3	ALCOHOL.GCM
4	0.300	1:Standard	4	ALCOHOL.GCM
5	0.500	1:Standard	5	ALCOHOL.GCM
6	INT STD BLK	0:Unknown	0	ALCOHOL.GCM

NB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: 0.08   Item #   **Analysis Date(s): 10/13/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0797	0.0795	0.0002	0.0796		
(g/100cc)	0.0829	0.0828	0.0001	0.0828	0.0032	0.0812

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

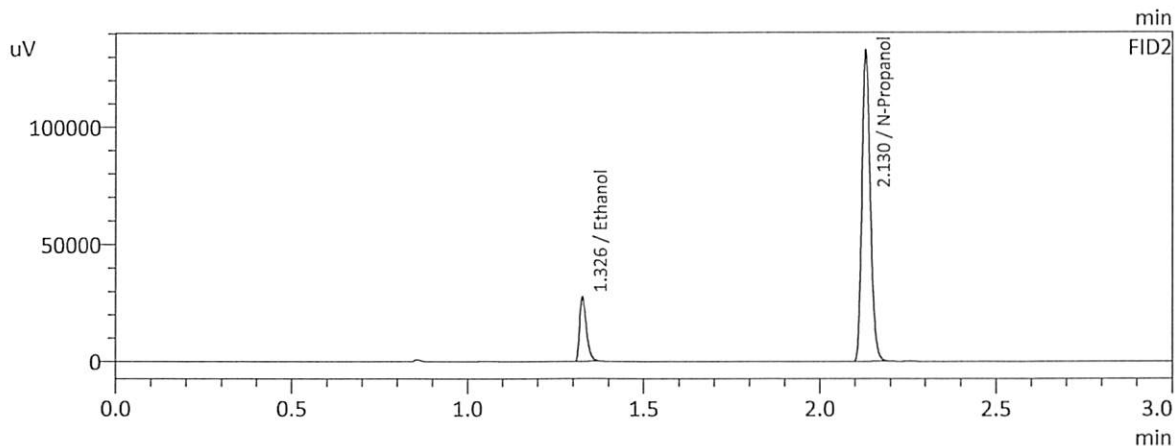## Reporting of Results   Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.081	0.076	0.086	0.005

	Reported Result	
	0.081	

Calibration and control data are stored centrally.

Sample Name   : 0.08 QA-A
Laboratory   : Meridian
Injection Date   : 10/13/2022 4:19:56 PM
Vial #   : 5
Method Filename : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409
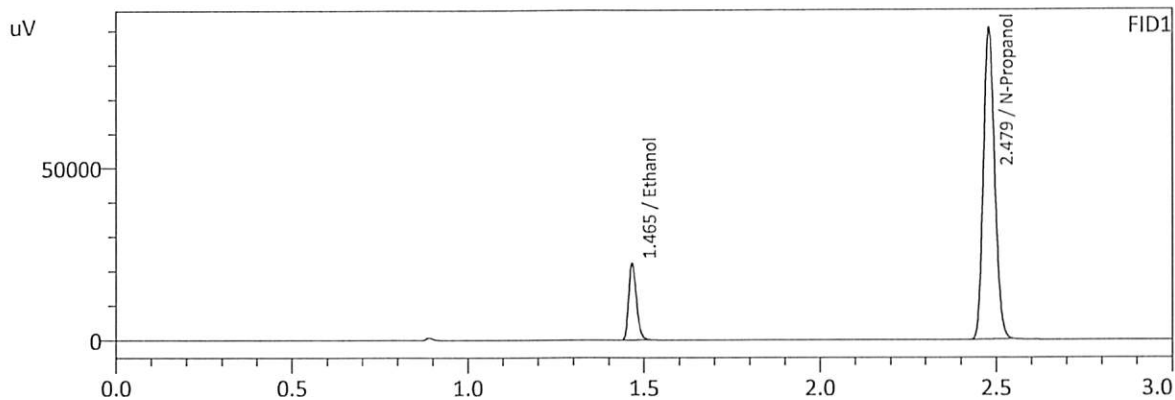
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0797	33862	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	200895	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0795	36686	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	219409	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name   : 0.08 QA-B
Laboratory   : Meridian
Injection Date   : 10/13/2022 4:28:15 PM
Vial #   : 6
Method Filename   : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0829	36042	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	205323	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0828	39089	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	224067	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name   : INT STD BLK 1
Laboratory   : Meridian
Injection Date   : 10/13/2022 3:48:47 PM
Vial #   : 1
Method Filename   : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
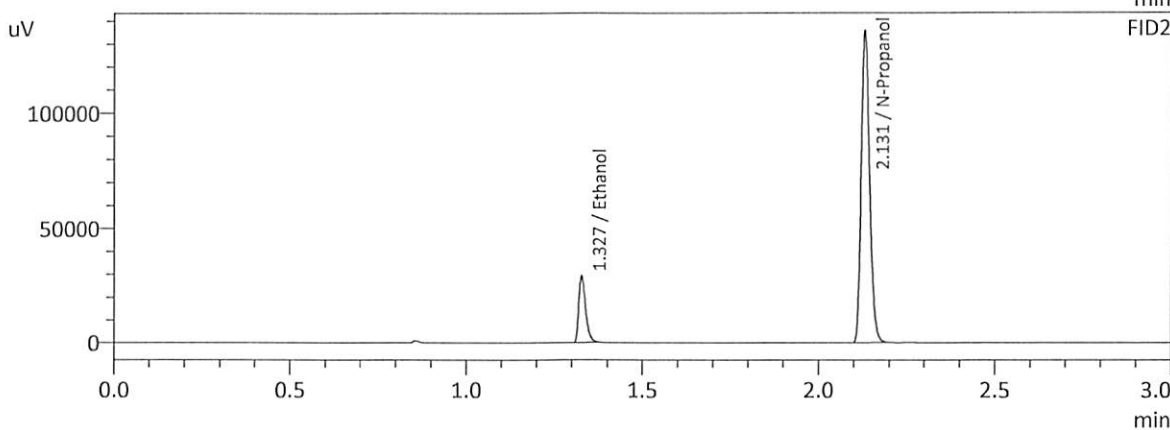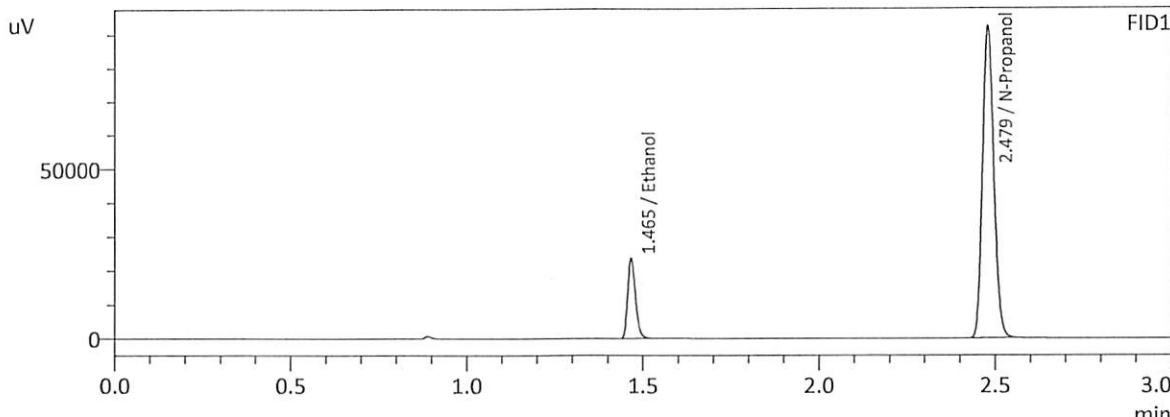Instrument #GC/HS   : C12255750548 / C12595800409

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	204178	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	222990	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK
Laboratory : Meridian
Injection Date : 10/13/2022 11:23:46 PM
Vial # : 57
Method Filename : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
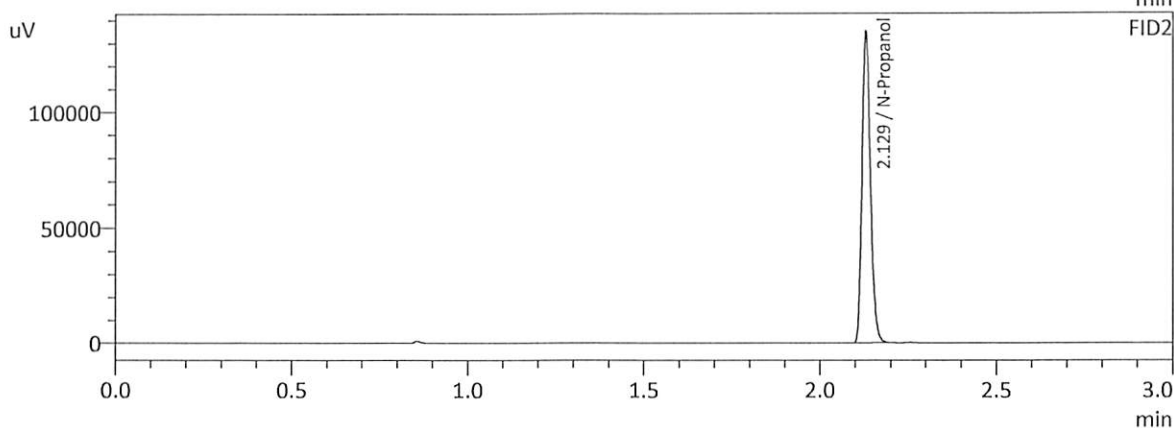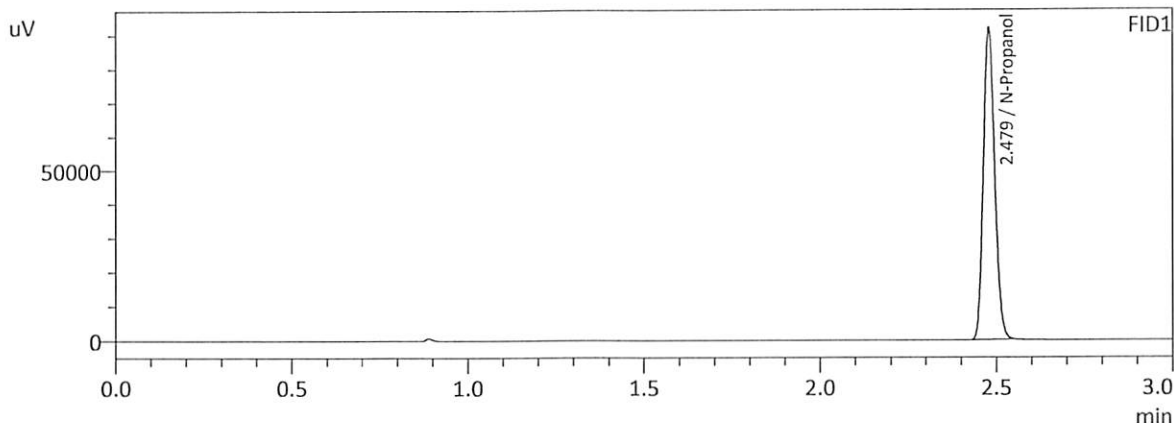Instrument #GC/HS : C12255750548 / C12595800409
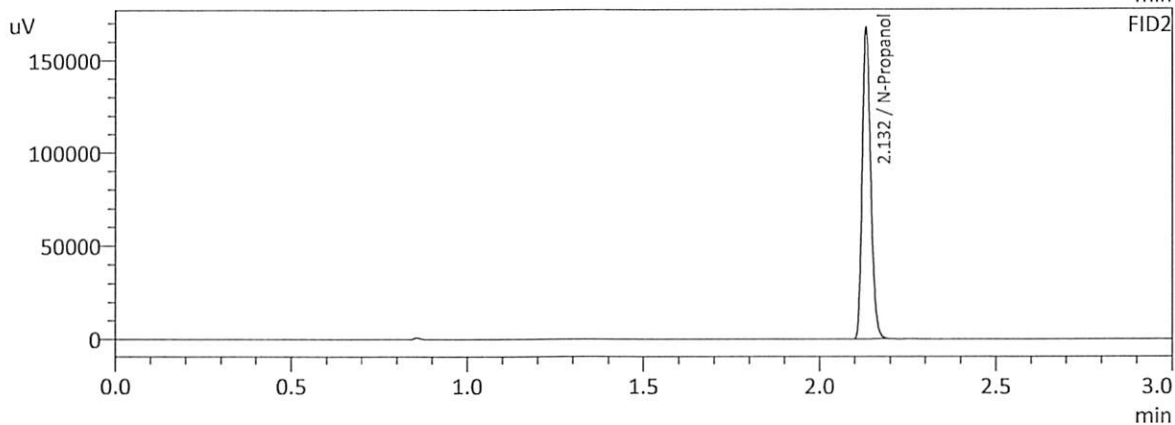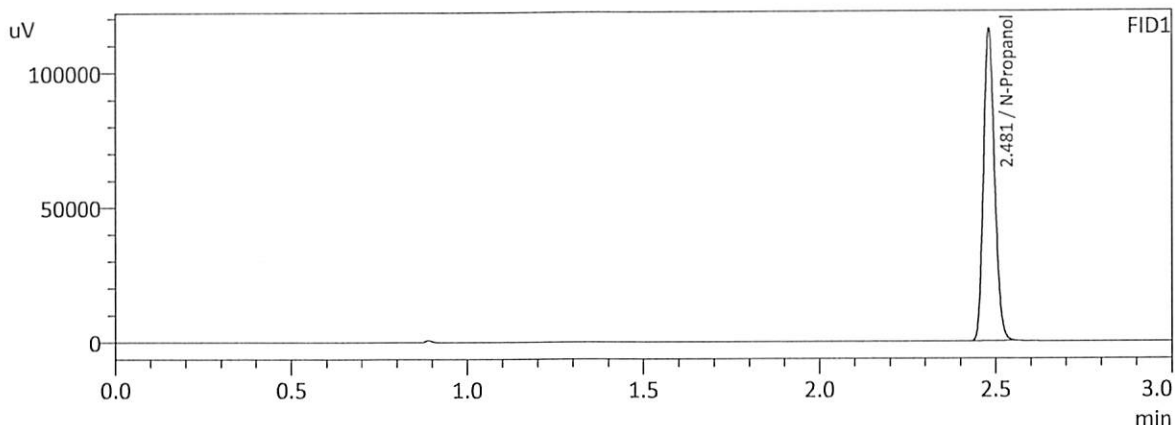
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	253241	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	276868	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : MIXED VOLATILES FN 06041902
Laboratory : Meridian
Injection Date : 10/13/2022 3:56:07 PM
Vial # : 2
Method Filename : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
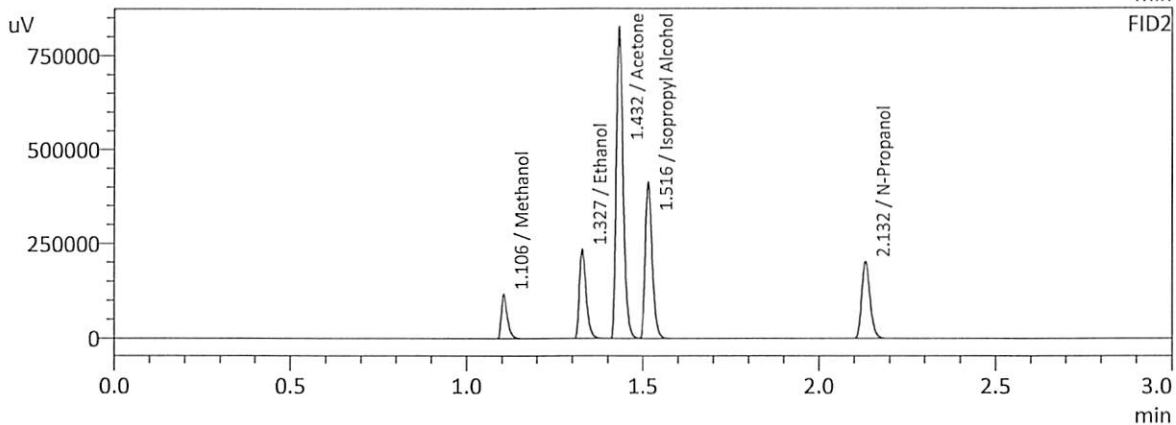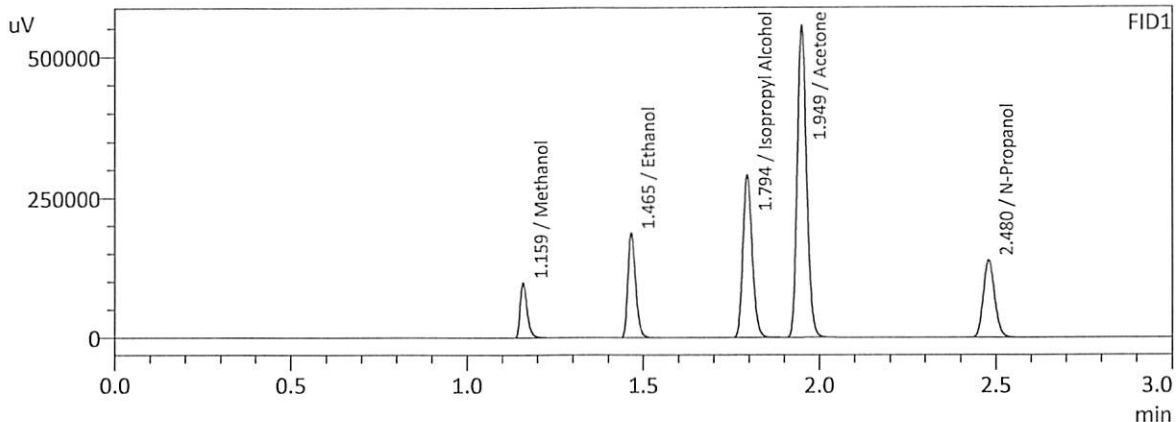Instrument #GC/HS : C12255750548 / C12595800409

FID1 chromatogram peaks: 1.159 / Methanol, 1.465 / Ethanol, 1.794 / Isopropyl Alcohol, 1.949 / Acetone, 2.480 / N-Propanol

FID2 chromatogram peaks: 1.106 / Methanol, 1.327 / Ethanol, 1.432 / Acetone, 1.516 / Isopropyl Alcohol, 2.132 / N-Propanol

FID1

Name	Conc.	Area	Unit
Methanol	0.0000	132428	g/100cc
Ethanol	0.4242	282981	g/100cc
Isopropyl Alcohol	0.0000	528026	g/100cc
Acetone	0.0000	1021621	g/100cc
N-Propanol	0.0000	304201	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	143574	g/100cc
Ethanol	0.4246	306906	g/100cc
Acetone	0.0000	1102881	g/100cc
Isopropyl Alcohol	0.0000	571012	g/100cc
N-Propanol	0.0000	330700	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

MB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC1-1   Item #   **Analysis Date(s): 10/13/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0725	0.0726	0.0001	0.0725	0.0007	0.0729
(g/100cc)	0.0732	0.0733	0.0001	0.0732		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.072	0.068	0.076	0.004

	Reported Result	
	0.072	

Calibration and control data are stored centrally.

NB
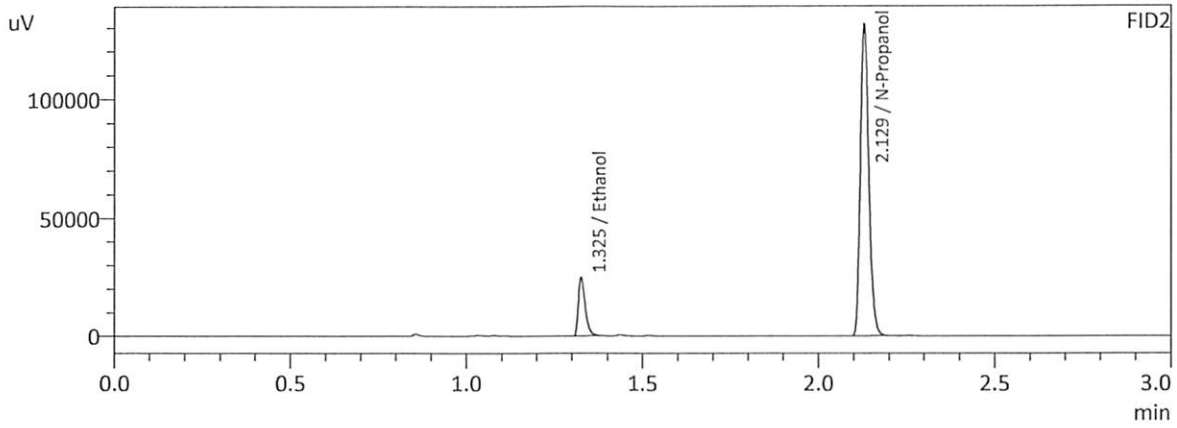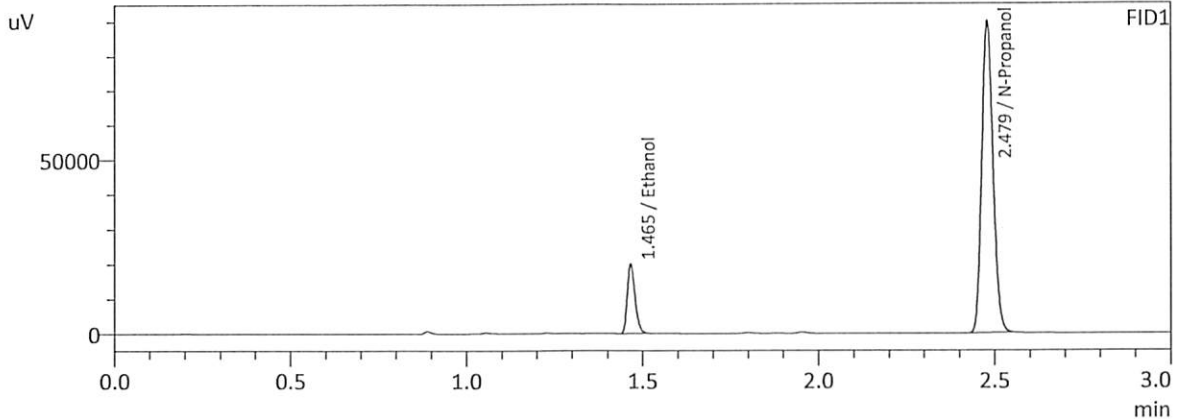
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0725	30397	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	199146	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0726	33030	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	217278	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-1-1-B
Laboratory : Meridian
Injection Date : 10/13/2022 4:12:28 PM
Vial # : 4
Method Filename : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0732	30756	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	199625	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0733	33438	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	217897	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

MB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC1-2   Item #   Analysis Date(s): 10/13/22

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0773	0.0773	0.0000	0.0773	0.0002	0.0774
(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.m/.gcm, Volatiles.m/.gcm

Reporting of Results   **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	0.073	0.081	0.004

	Reported Result	
	0.077	

Calibration and control data are stored centrally.

Sample Name   : QC1-2-A
Laboratory   : Meridian
Injection Date   : 10/13/2022 9:59:34 PM
Vial #   : 47
Method Filename : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
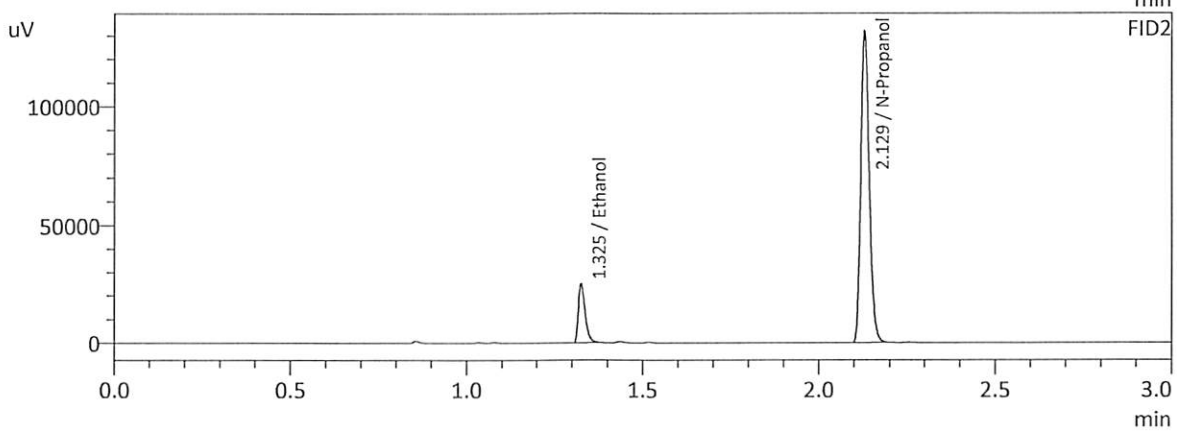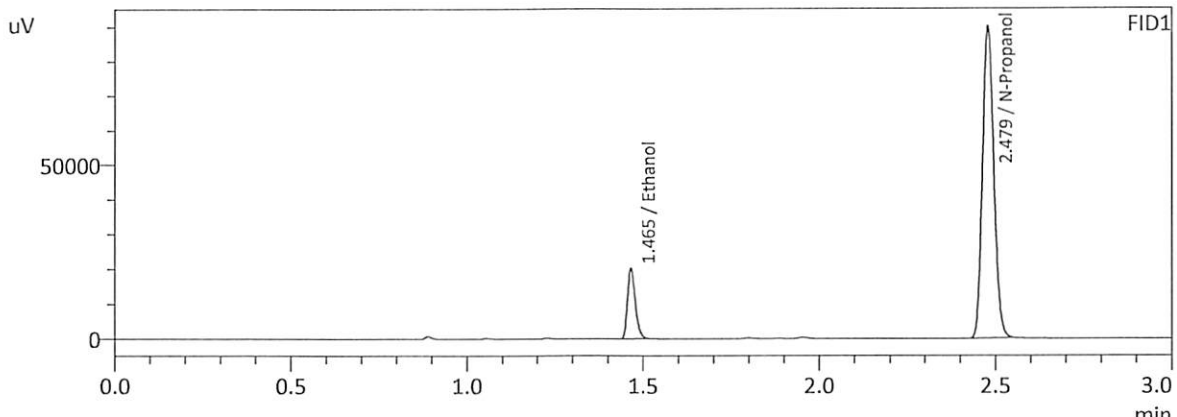Instrument #GC/HS : C12255750548 / C12595800409
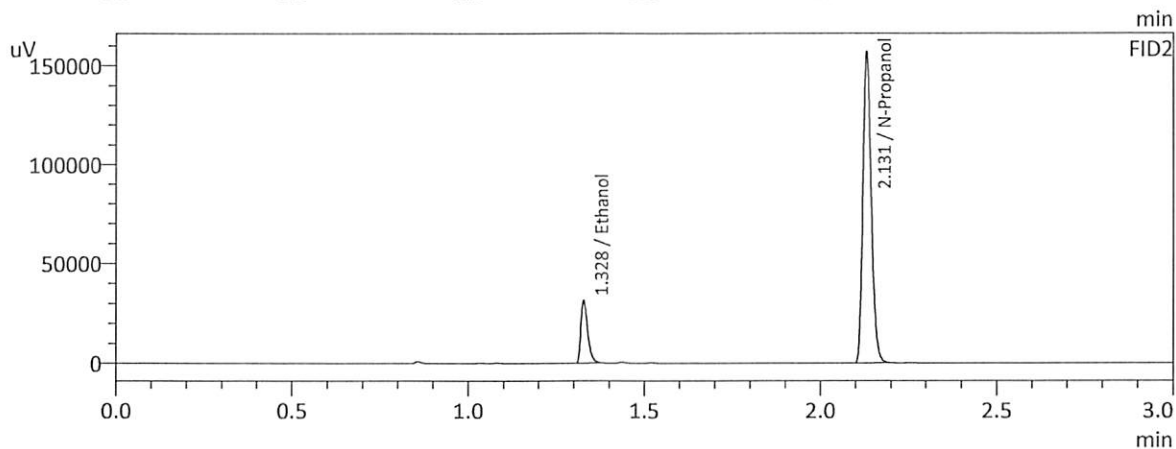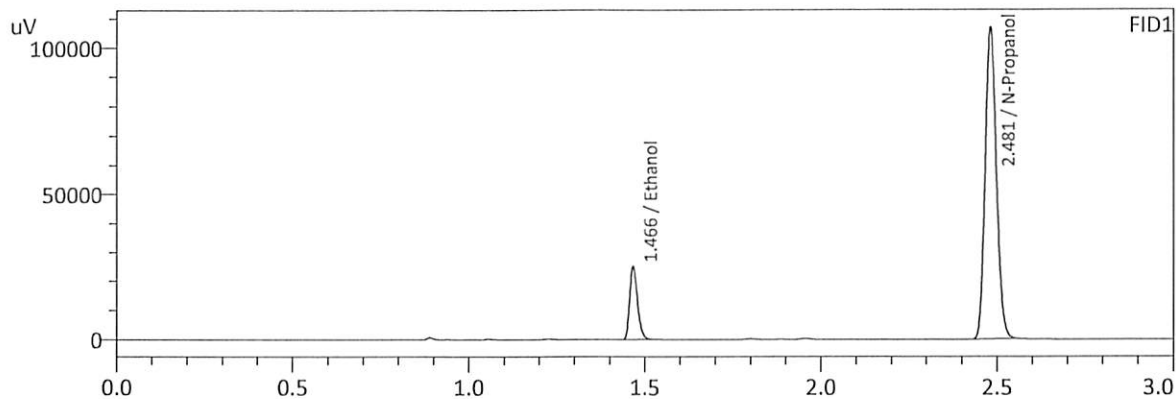
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0773	38539	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	235964	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0773	41870	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	258000	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name   : QC1-2-B
Laboratory   : Meridian
Injection Date   : 10/13/2022 10:09:10 PM
Vial #   : 48
Method Filename   : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409
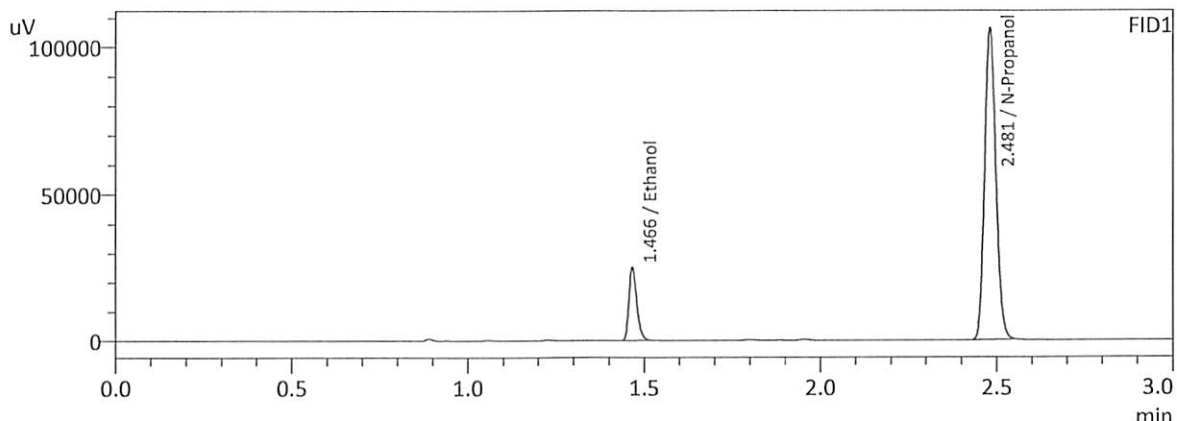
FID1

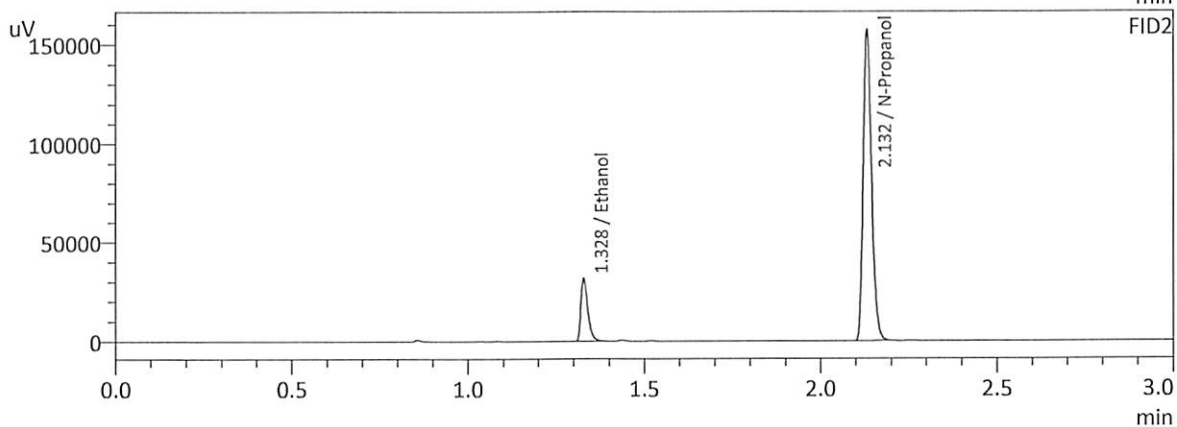| Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0775	38661	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	236253	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0776	42147	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	258466	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2-1   Item #   **Analysis Date(s): 10/13/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2120	0.2126	0.0006	0.2123		
(g/100cc)	0.2135	0.2138	0.0003	0.2136	0.0013	0.2129

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.212	0.201	0.223	0.011

	Reported Result	
	0.212	

Calibration and control data are stored centrally.

NB
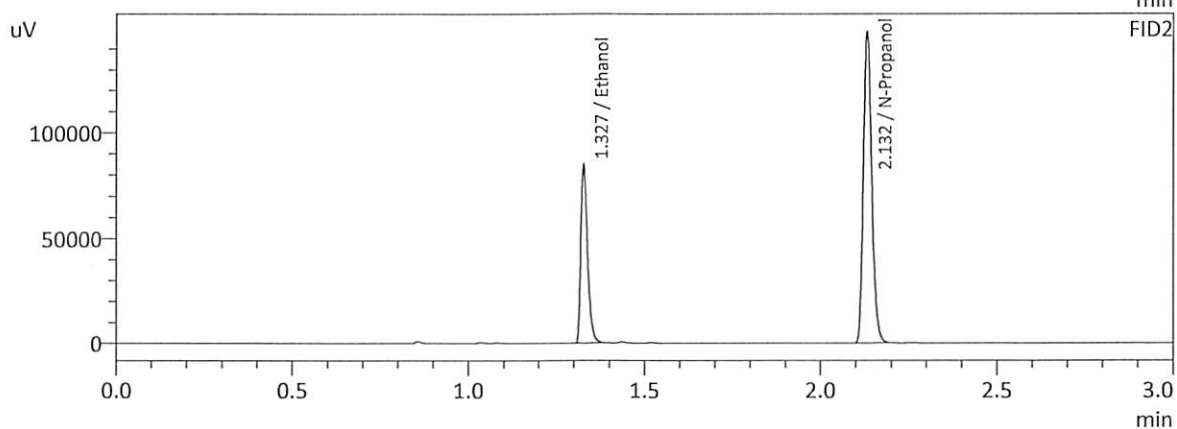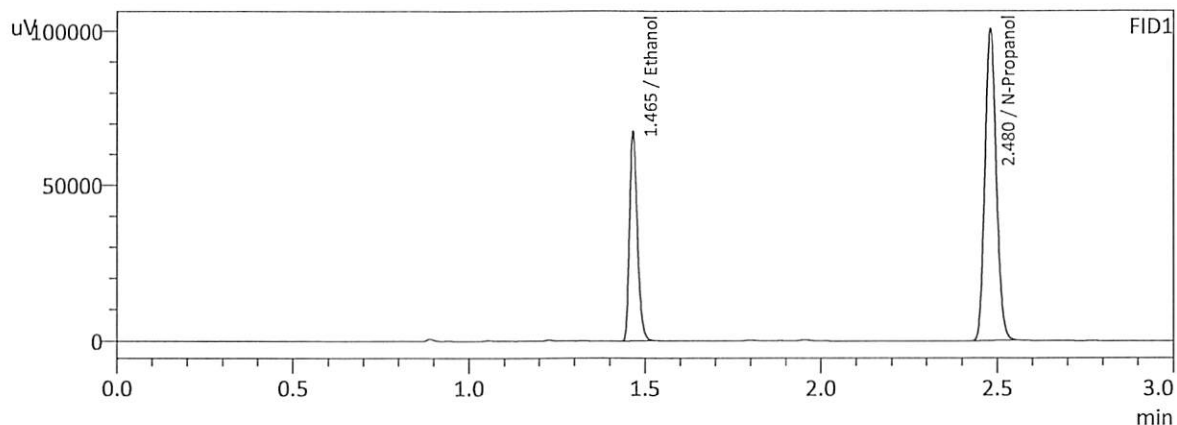
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2120	103053	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	223513	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2126	112482	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	244178	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name   : QC-2-1-B
Laboratory   : Meridian
Injection Date : 10/13/2022 7:10:27 PM
Vial #   : 26
Method Filename : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2135	106005	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	228236	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2138	115498	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	249278	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2-2   Item #   **Analysis Date(s): 10/13/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2164	0.2167	0.0003	0.2165	0.0019	0.2155
(g/100cc)	0.2145	0.2147	0.0002	0.2146		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results   **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.215	0.204	0.226	0.011

	Reported Result	
	0.215	

Calibration and control data are stored centrally.

Sample Name   : QC2-2-A
Laboratory   : Meridian
Injection Date   : 10/13/2022 11:06:26 PM
Vial #   : 55
Method Filename : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
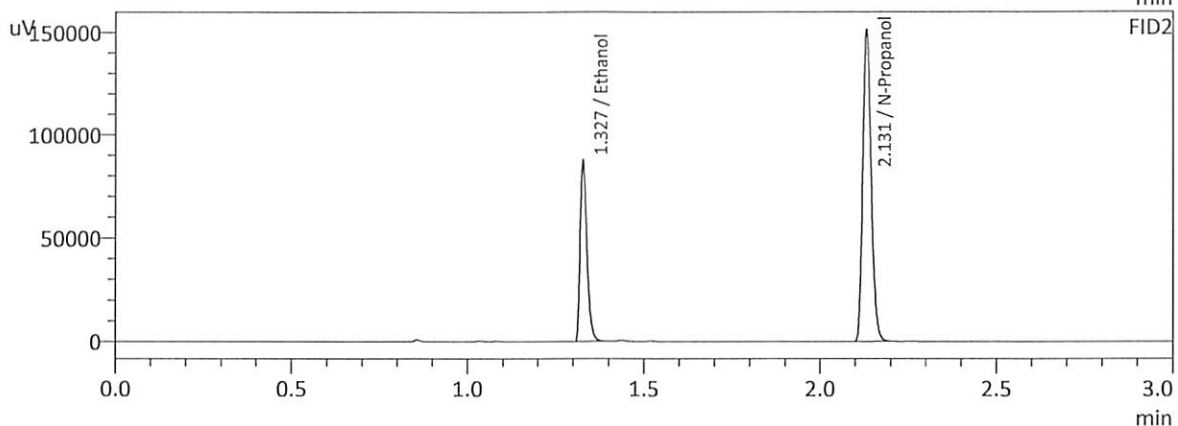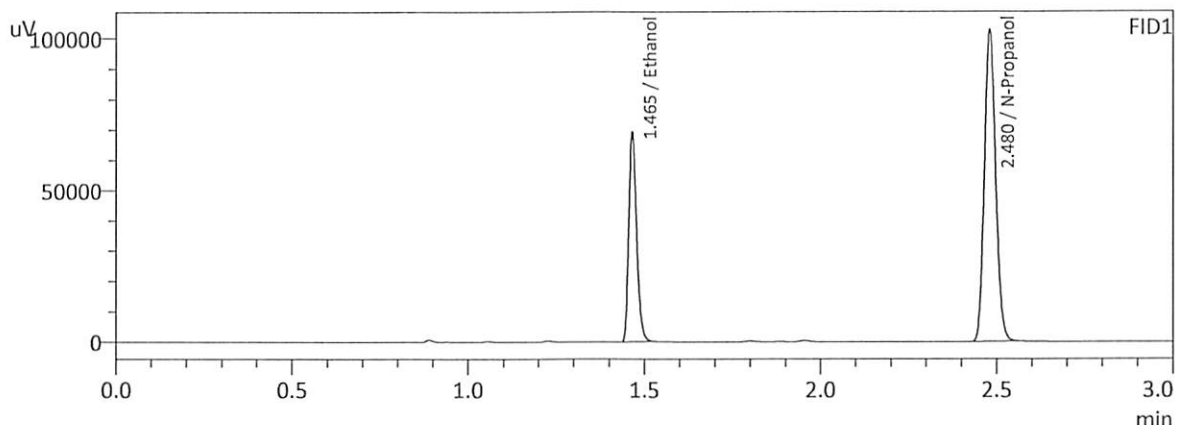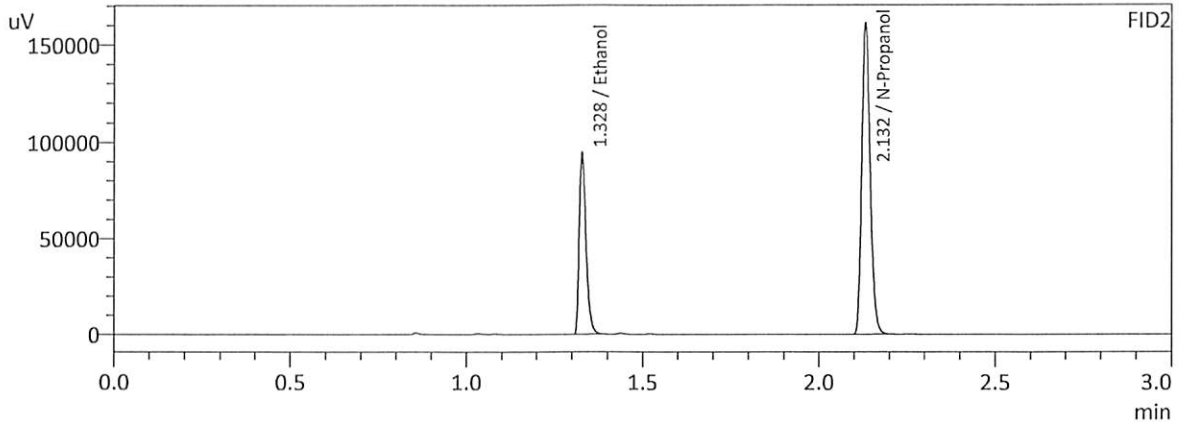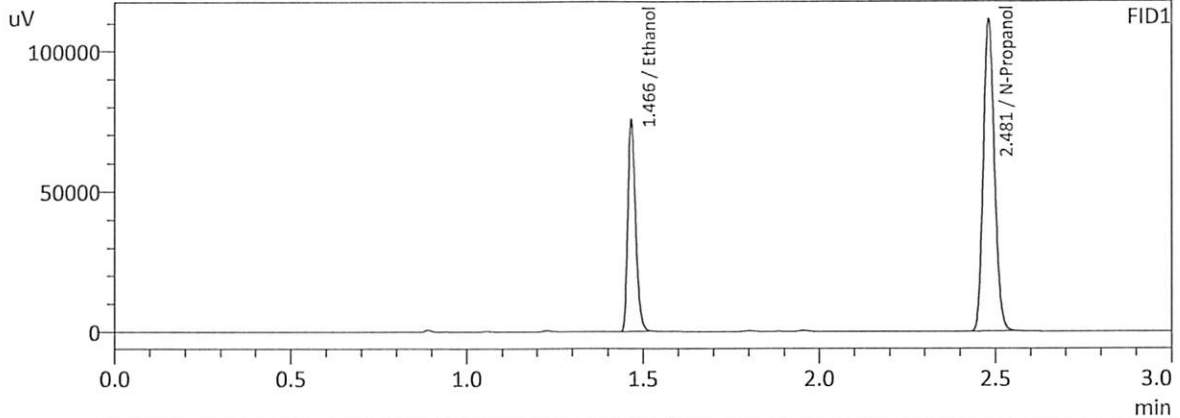Instrument #GC/HS : C12255750548 / C12595800409

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2164	114847	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	243944	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2167	125136	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	266476	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : 10/13/2022 11:13:54 PM
Vial # : 56
Method Filename : C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
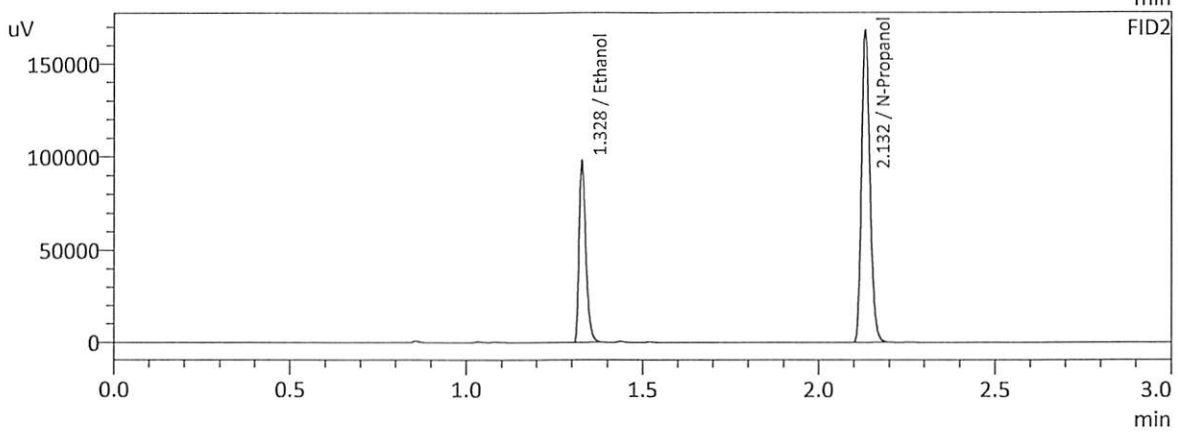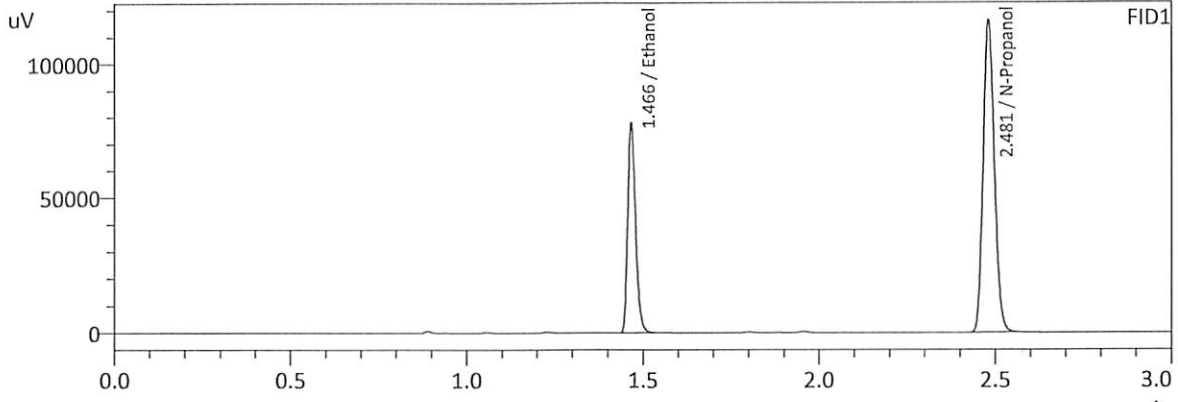Instrument #GC/HS : C12255750548 / C12595800409

FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2145	118662	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	254280	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2147	129235	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	277692	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Meridian Blood Alcohol Analysis Batch Table   ΛB

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Software Ver. 5.99
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Vial#	Sample Name	Method File
1	INT STD BLK 1	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
2	ED VOLATILES FN 0604	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
3	QC-1-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
4	QC-1-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
5	0.08 QA-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
6	0.08 QA-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
7	M2022-4108-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
8	M2022-4108-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
9	M2022-4139-1A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
10	M2022-4139-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
11	M2022-4177-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
12	M2022-4177-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
13	M2022-4178-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
14	M2022-4178-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
15	M2022-4179-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
16	M2022-4179-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
17	M2022-4184-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
18	M2022-4184-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
19	M2022-4185-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
20	M2022-4185-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
21	M2022-4186-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
22	M2022-4186-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
23	M2022-4187-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
24	M2022-4187-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
25	QC-2-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
26	QC-2-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
27	M2022-4188-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
28	M2022-4188-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
29	M2022-4190-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
30	M2022-4190-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
31	M2022-4217-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
32	M2022-4217-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
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36	M2022-4233-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
37	M2022-4236-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
38	M2022-4236-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
39	M2022-4252-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
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41	M2022-4253-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
42	M2022-4253-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
43	M2022-4254-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
44	M2022-4254-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
45	M2022-4255-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
46	M2022-4255-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
47	QC1-2-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
48	QC1-2-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
49	M2022-4256-1-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
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54	M2022-4258-1-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
55	QC2-2-A	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
56	QC2-2-B	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM
57	INT STD BLK	C:\LabSolutions\Data\221013\CALIBRATION\ALCOHOL.GCM