NB

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number:

Volatiles Quality Assurance Controls **Run Date(s): 1/12/22 calibration: 1/12/22**

Autodilutor L600HC11378

Worklist #: 5506

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0763 g/100cc
					0.0797 g/100cc
					g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2158 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	Exp:	Jul-22	Lot #	FN07101701	
Curve Fit:		**Column 1**	0.99978	**Column2**	0.99988

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0523	0.0515	0.0008	0.0519
100	0.100	0.090 - 0.110	0.1005	0.1004	0.0001	0.1004
200	0.200	0.180 - 0.220	0.1982	0.1990	0.0008	0.1986
300	0.300	0.270 - 0.330	0.2963	0.2971	0.0008	0.2967
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5025	0.5018	0.0007	0.5021

Internal Standard	Average	(-) 20%	(+) 20%
N-Propanol:	194722.900	155778.32	233667.48

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 #: **5506** **Run Date(s): 1/12/22 calibration: 1/12/22**

Internal Standard Solution:	Prep Date: 10/29/21	Exp Date: 4/29/22

Calibrator Value	Column 1 Value	Column 2 Value	Average
0.050	197821	187479	192650
0.100	198275	187671	192973
0.200	196490	185879	191184.5
0.300	200371	188892	194631.5
0.400			#DIV/0!
0.500	208037	196314	202175.5

Combined Average	(-)20%	(+)20%
194722.9	155778.32	233667.48

NB

Worklist: 5506

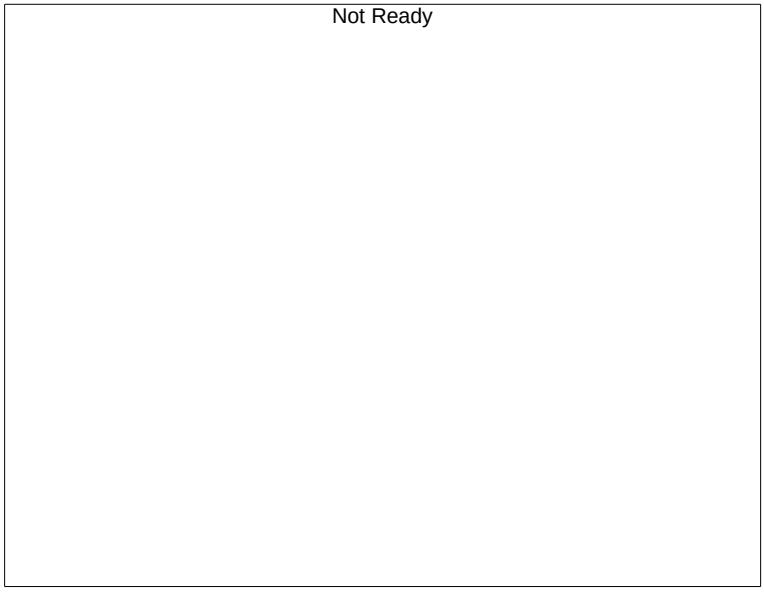
LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2021-5650	1	BCK	Alcohol Analysis
M2021-5664	1	BCK	Alcohol Analysis
M2021-5665	1	BCK	Alcohol Analysis
M2021-5669	1	BCK	Alcohol Analysis
M2021-5673	1	BCK	Alcohol Analysis
M2022-0005	1	BCK	Alcohol Analysis
M2022-0006	1	BCK	Alcohol Analysis
M2022-0018	3	BCK	Alcohol Analysis
M2022-0019	3	BCK	Alcohol Analysis
M2022-0019	4	BCK	Alcohol Analysis
M2022-0072	1	BCK	Alcohol Analysis
M2022-0075	1	BCK	Alcohol Analysis
M2022-0076	1	BCK	Alcohol Analysis
M2022-0133	1	BCK	Alcohol Analysis
P2021-4247	7	BCK	Alcohol Analysis
P2021-4247	8	BCK	Alcohol Analysis
P2021-4253	1	BCK	Alcohol Analysis
P2021-4253	2	BCK	Alcohol Analysis
P2021-4261	1	BCK	Alcohol Analysis

Calibration Table

NB

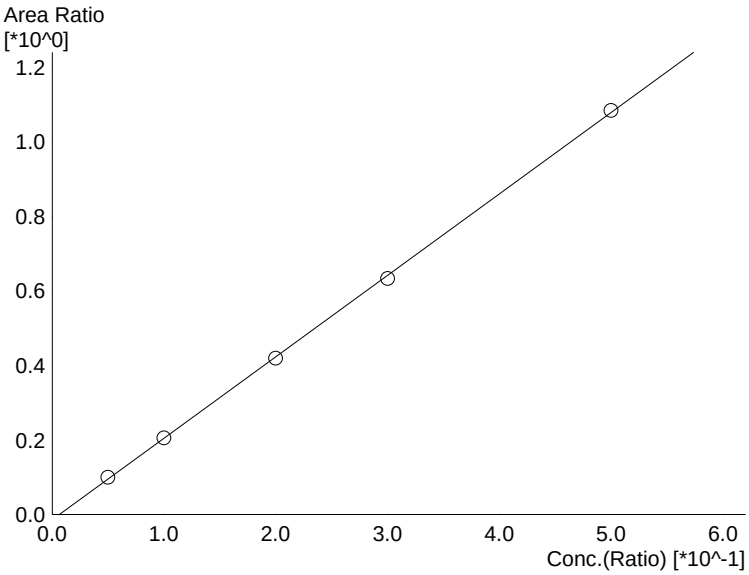
Laboratory : MERIDIAN
Instrument Name : GC-HS
Instrument Serial # : C12595800409 / C12255750548

<<Data File>>
Method File :C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Batch File :C:\LabSolutions\Data\220112\CALIBRATION\CALCURVE_TEMPLATE.gcb
Date Acquired :1/12/2022 2:52:30 PM
Date Created :1/12/2022 2:46:58 PM
Date Modified :1/12/2022 2:55:32 PM



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

#	Conc.	Area	Std. Conc.



Name : Ethanol
Detector Name: FID1
Function : f(x)=2.18658*x-0.0143464
R^2 value= 0.9997786
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	19785	0.0523
2	0.100	40744	0.1005
3	0.200	82357	0.1982
4	0.300	126971	0.2963
5	0.500	225617	0.5025

NB

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

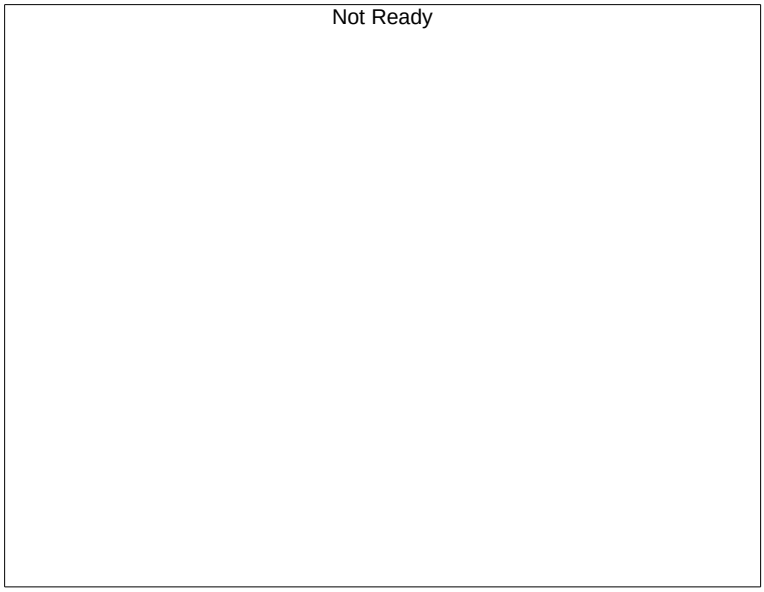
#	Conc.	Area	Std. Conc.

Not Ready

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

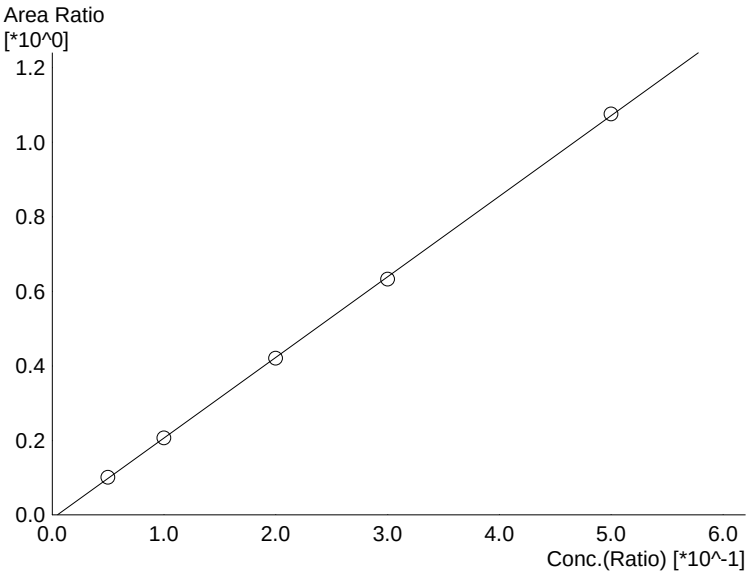
#	Conc.	Area	Std. Conc.

NB



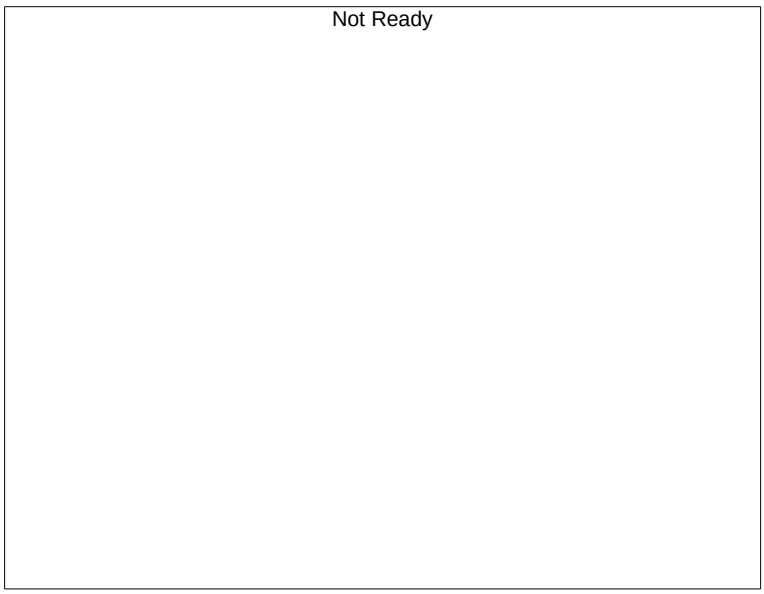
Name : Methanol
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



Name : Ethanol
Detector Name: FID2
Function : f(x)=2.16318*x-0.0104405
R^2 value= 0.9998825
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	18942	0.0515
2	0.100	38817	0.1004
3	0.200	78077	0.1990
4	0.300	119451	0.2971
5	0.500	211071	0.5018



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

#	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.

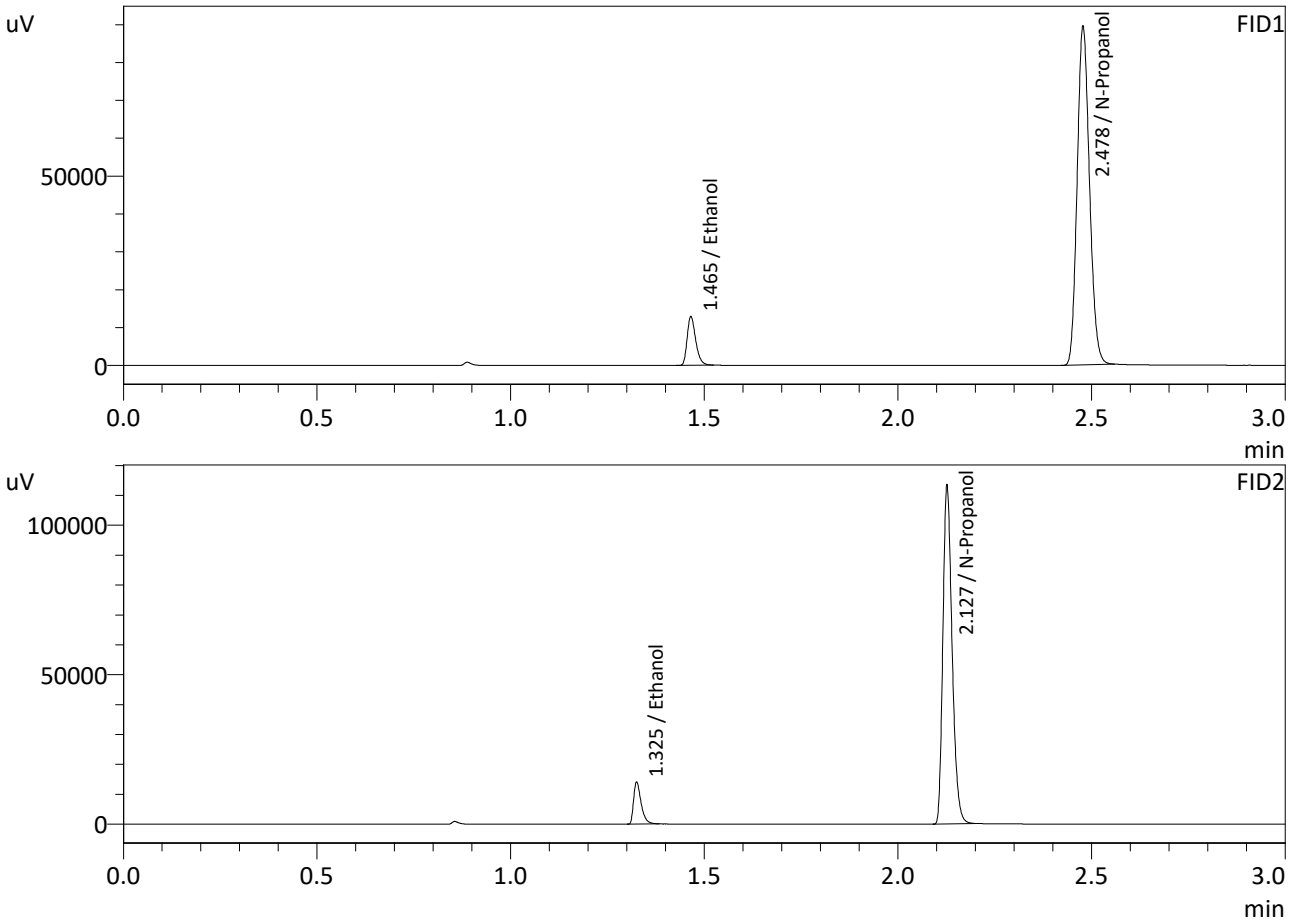
Not Ready

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

#	Conc.	Area	Std. Conc.

MB

Sample Name : 0.050
Laboratory : Meridian
Injection Date : 1/12/2022 2:20:13 PM
Vial # : 1
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

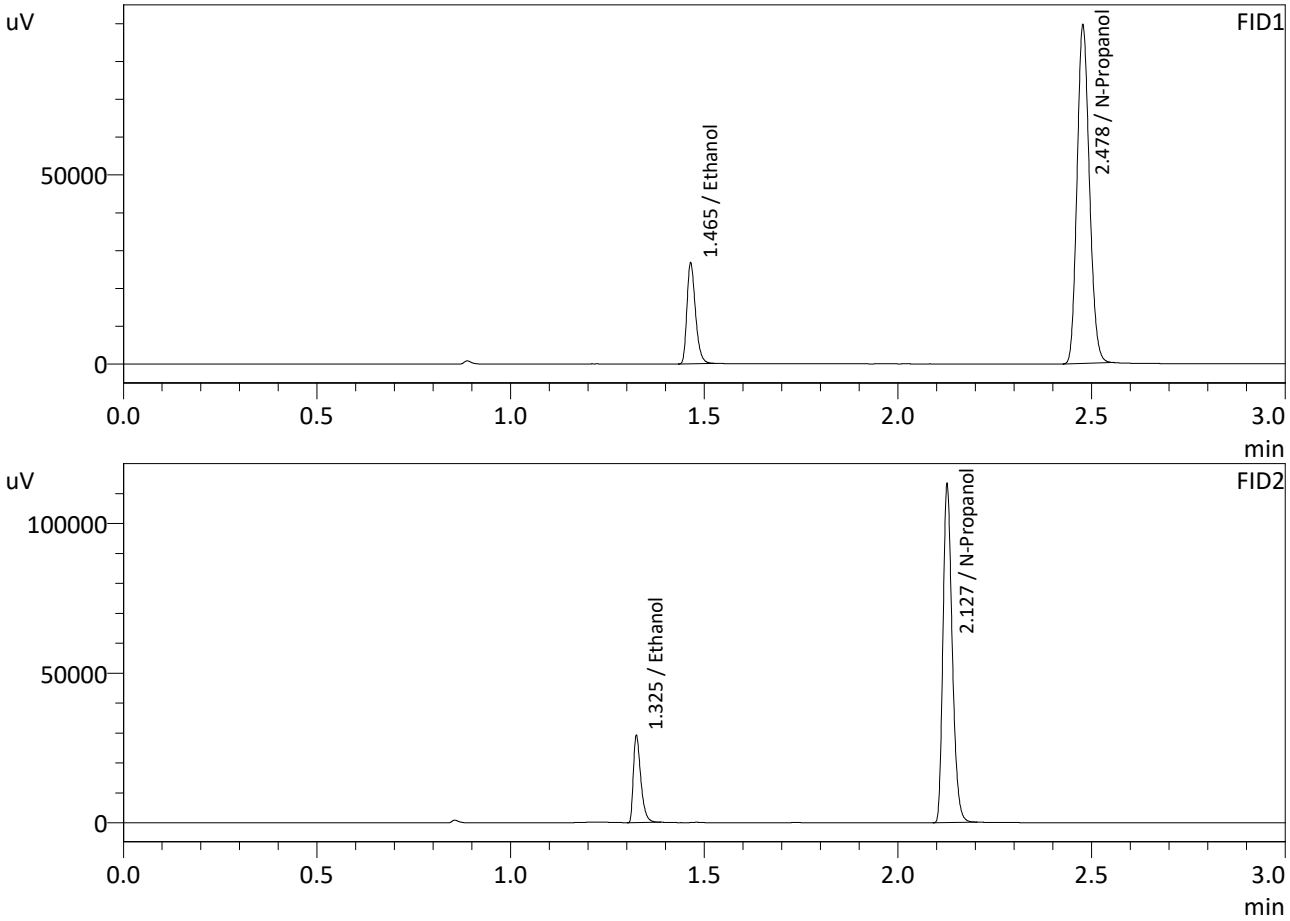
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0523	19785	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	197821	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0515	18942	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	187479	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.100
Laboratory : Meridian
Injection Date : 1/12/2022 2:27:32 PM
Vial # : 2
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

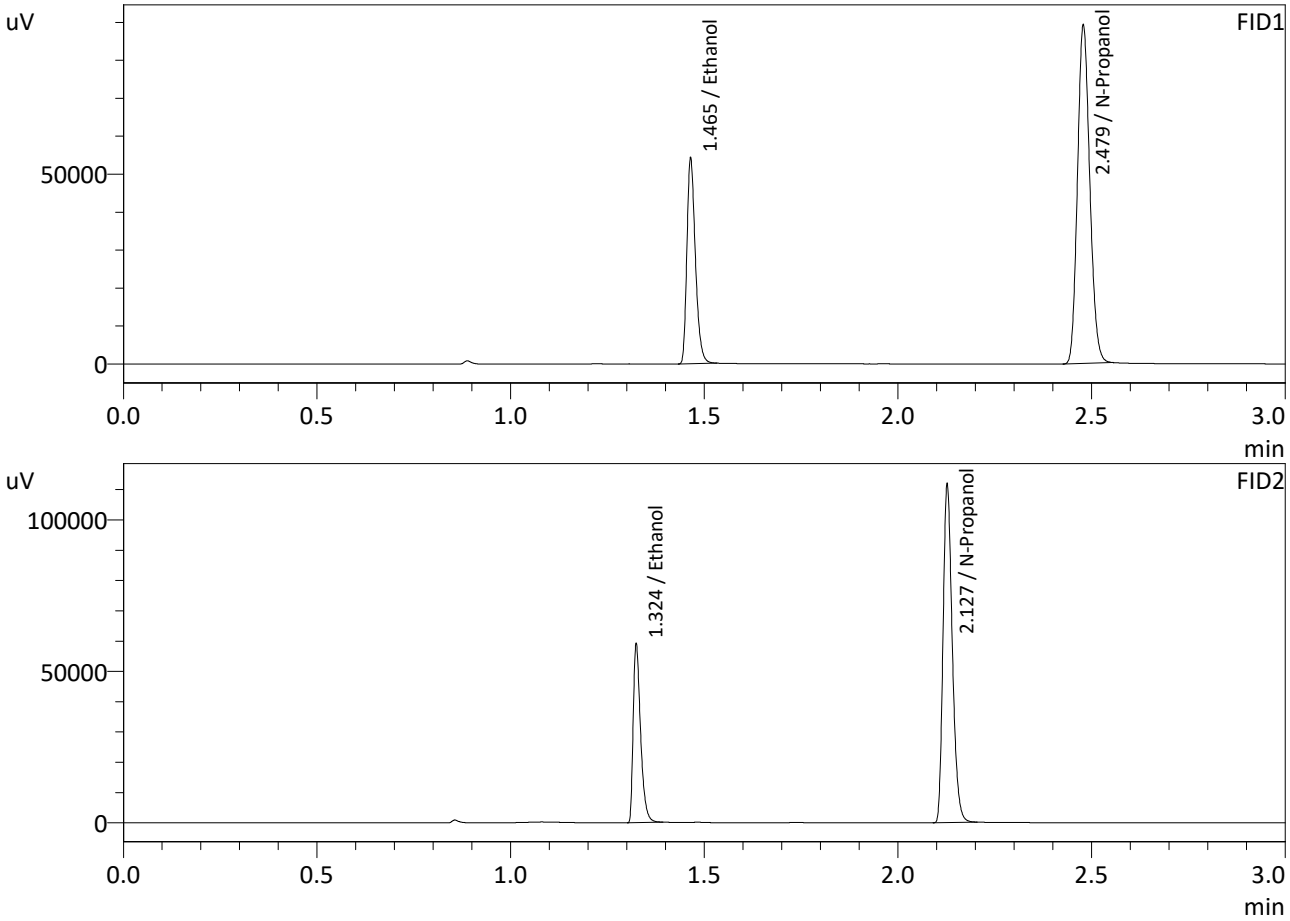
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1005	40744	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	198275	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1004	38817	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	187671	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

MB

Sample Name : 0.200
Laboratory : Meridian
Injection Date : 1/12/2022 2:34:59 PM
Vial # : 3
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

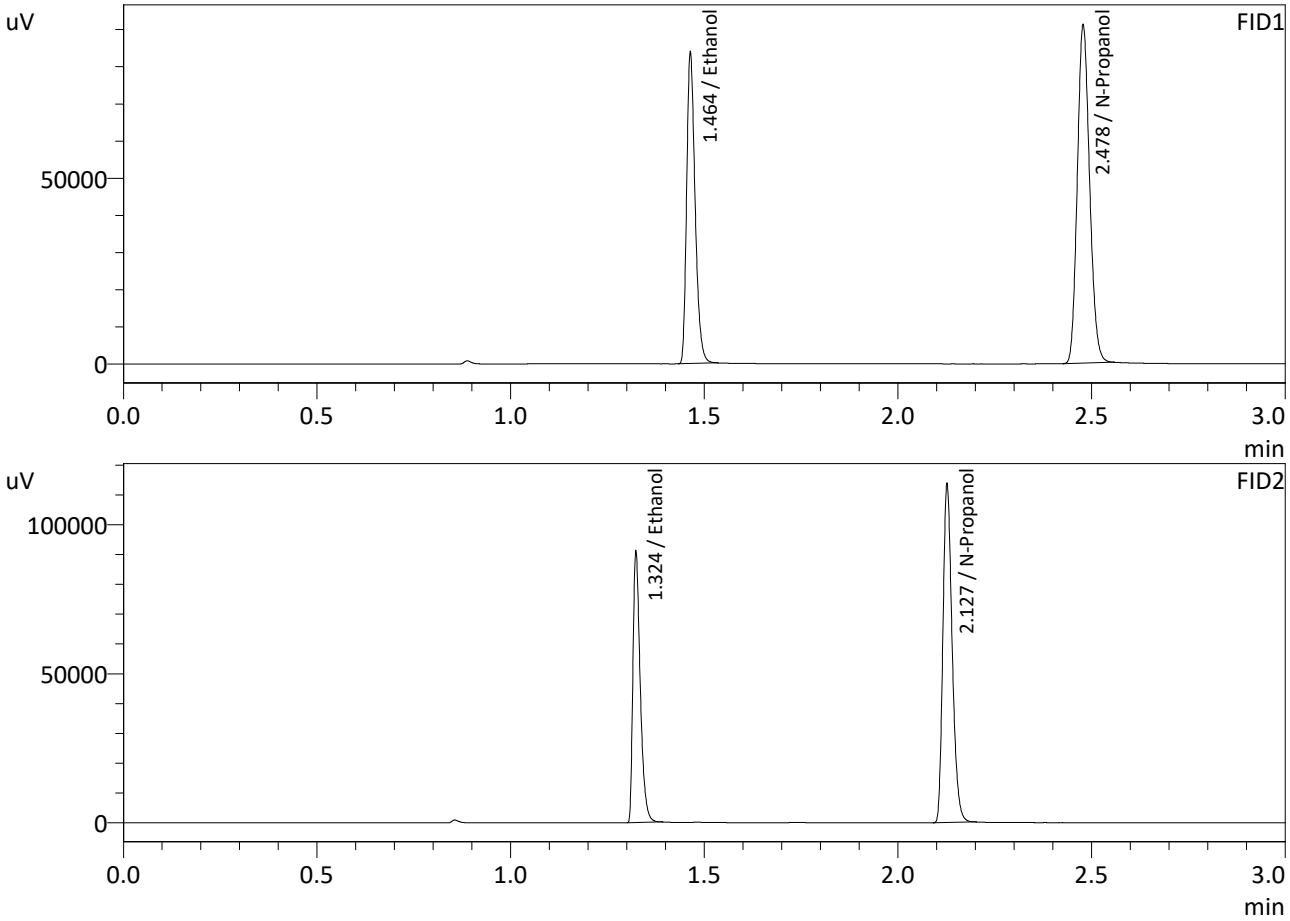
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1982	82357	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196490	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1990	78077	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	185879	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.300
Laboratory : Meridian
Injection Date : 1/12/2022 2:43:49 PM
Vial # : 4
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

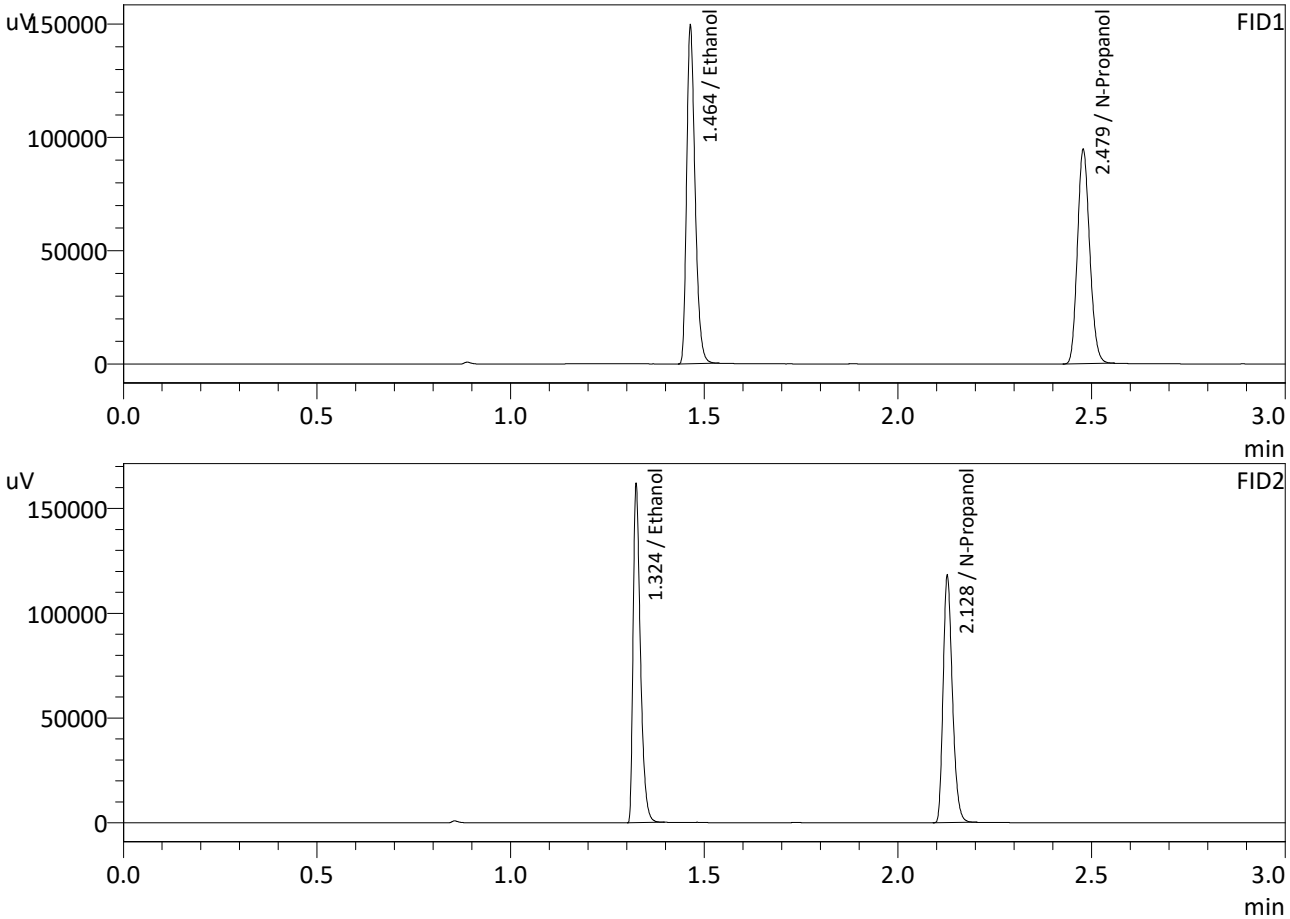
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2963	126971	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	200371	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2971	119451	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	188892	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.500
Laboratory : Meridian
Injection Date : 1/12/2022 2:52:30 PM
Vial # : 5
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

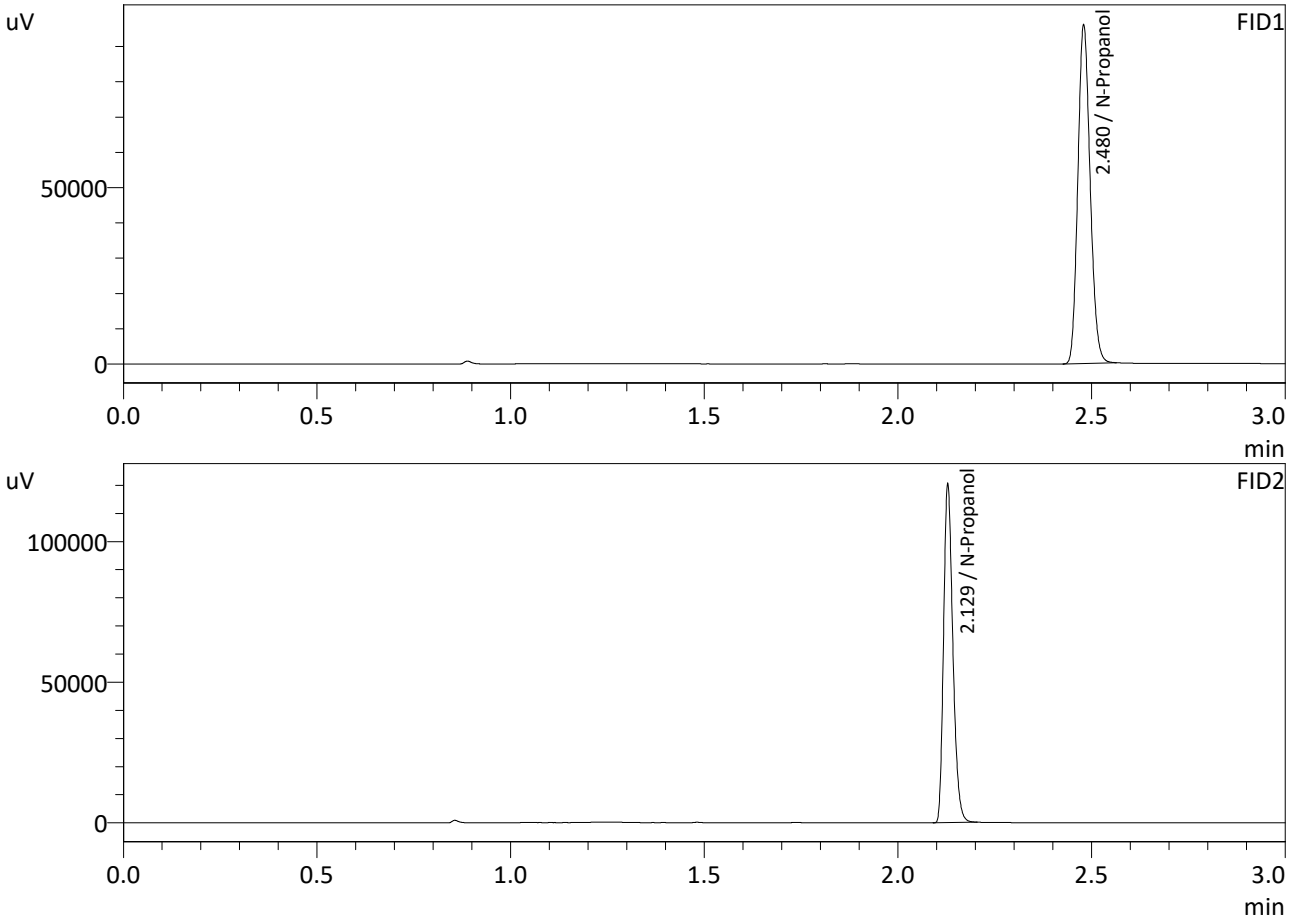
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5025	225617	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	208037	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5018	211071	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	196314	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLNK Internal standard blank after calibrator NB 1/12/22
Laboratory : Meridian
Injection Date : 1/12/2022 2:59:47 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

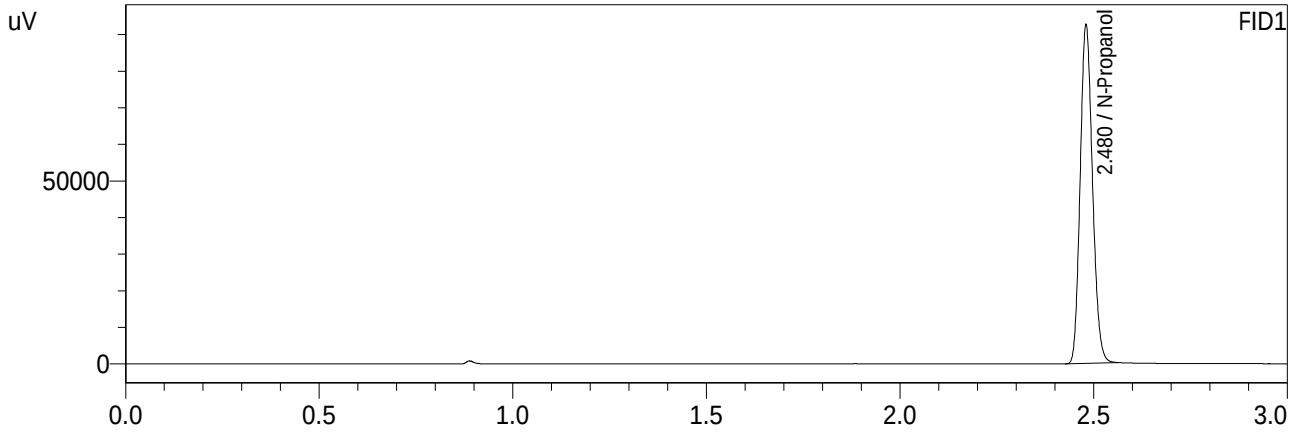
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	211396	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

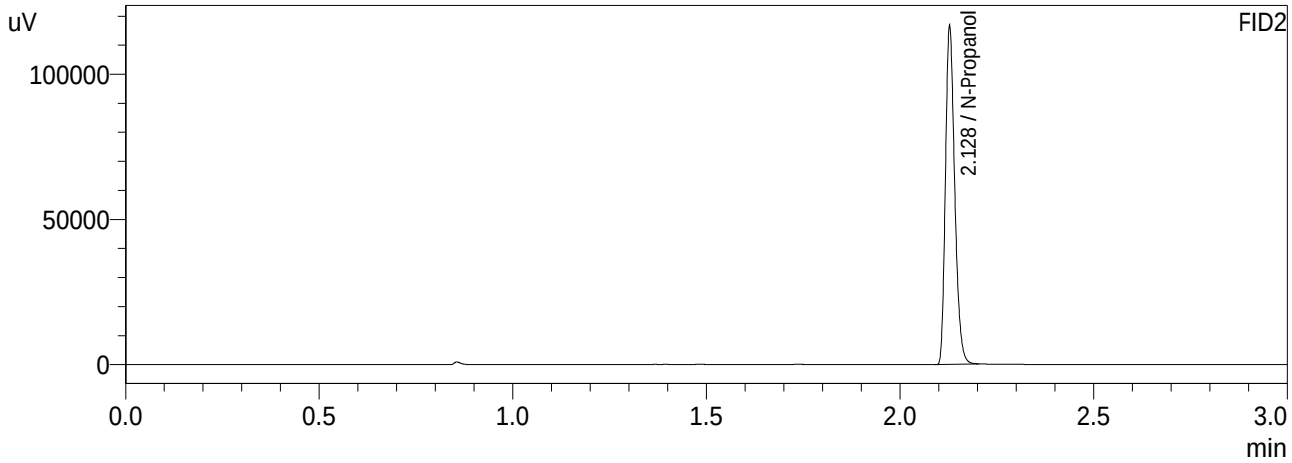
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200533	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLK 1
Laboratory : Meridian
Injection Date : 1/12/2022 3:58:01 PM
Vial # : 1
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

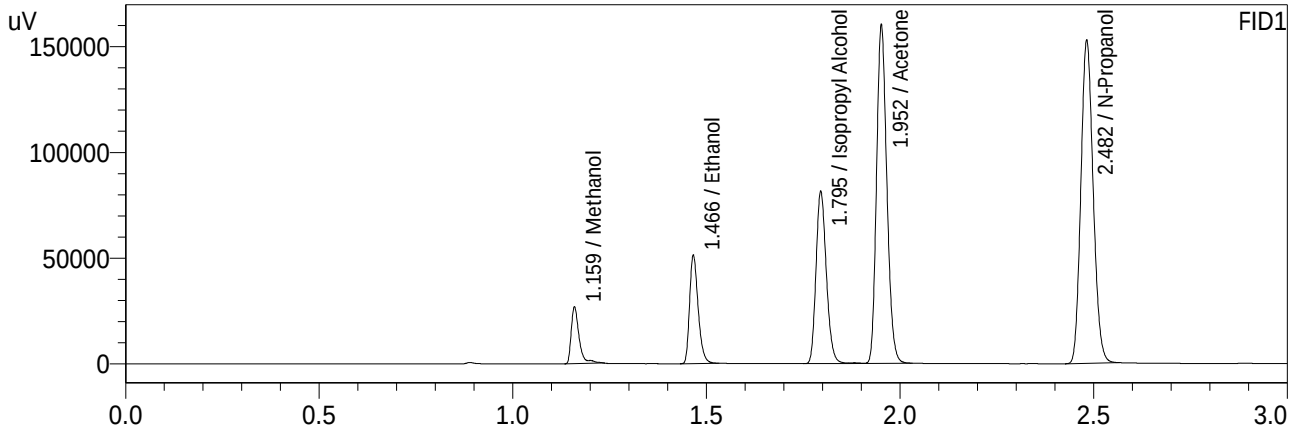
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	204473	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

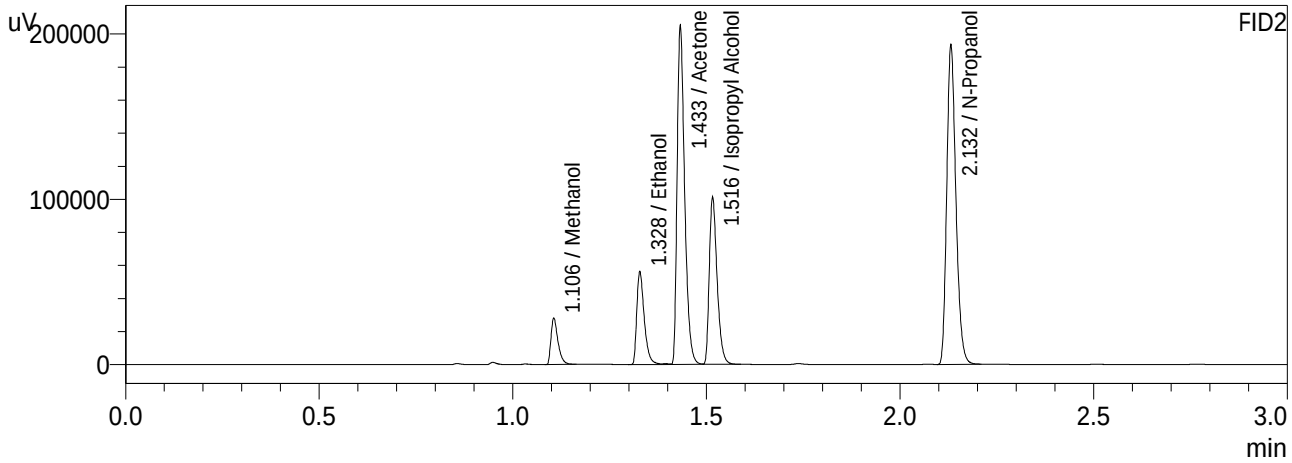
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	193905	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

MB

Sample Name : MIXED VOLATILES FN 07101701
Laboratory : Meridian
Injection Date : 1/12/2022 4:05:20 PM
Vial # : 2
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	0.0000	37854	g/100cc
Ethanol	0.1128	78497	g/100cc
Isopropyl Alcohol	0.0000	150795	g/100cc
Acetone	0.0000	296183	g/100cc
N-Propanol	0.0000	337661	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	35219	g/100cc
Ethanol	0.1147	75419	g/100cc
Acetone	0.0000	276944	g/100cc
Isopropyl Alcohol	0.0000	141831	g/100cc
N-Propanol	0.0000	317081	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: 0.080 **Item #** **Analysis Date(s): 1/12/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0806	0.0805	0.0001	0.0805	0.0016	0.0813
(g/100cc)	0.0822	0.0820	0.0002	0.0821		

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**

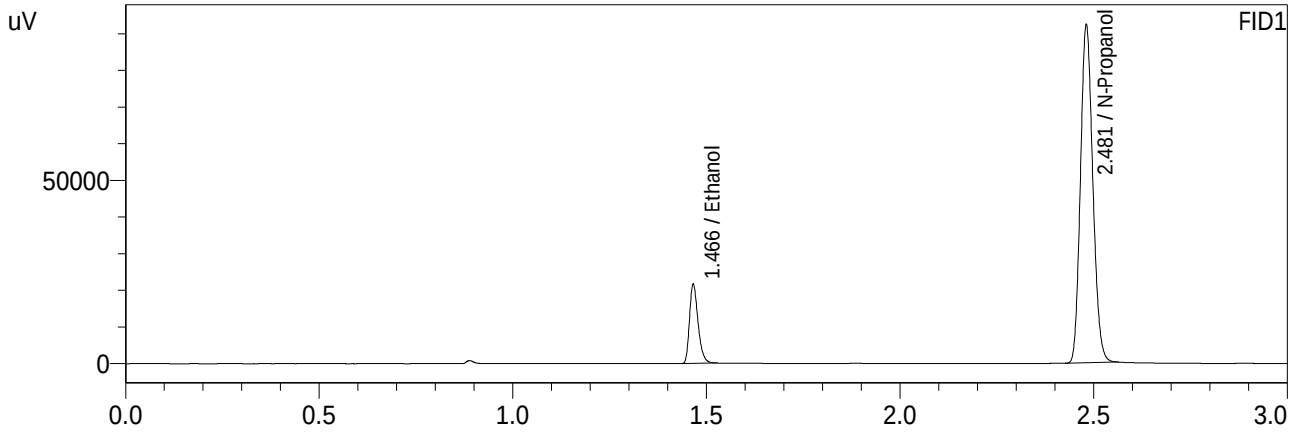
Reported Result

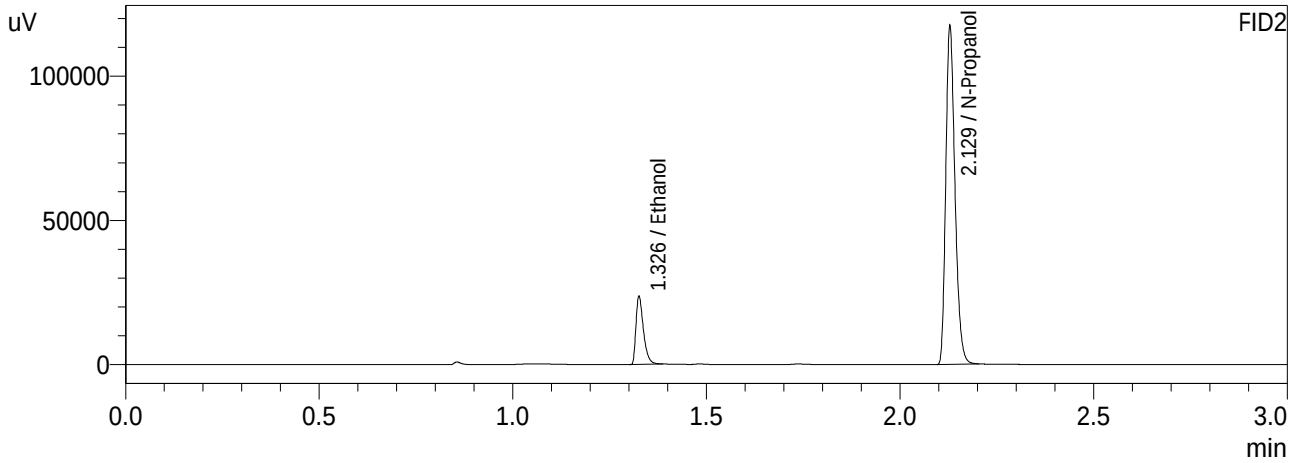
0.081

Calibration and control data are stored centrally.

NB

Sample Name : 0.08 QA-A
Laboratory : Meridian
Injection Date : 1/12/2022 4:29:01 PM
Vial # : 5
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

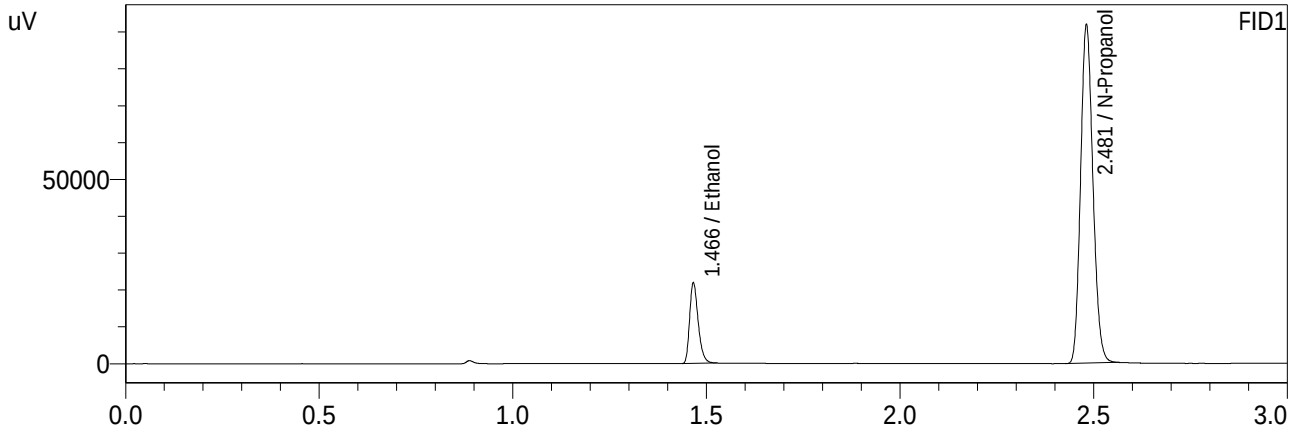
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0806	33163	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	204830	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

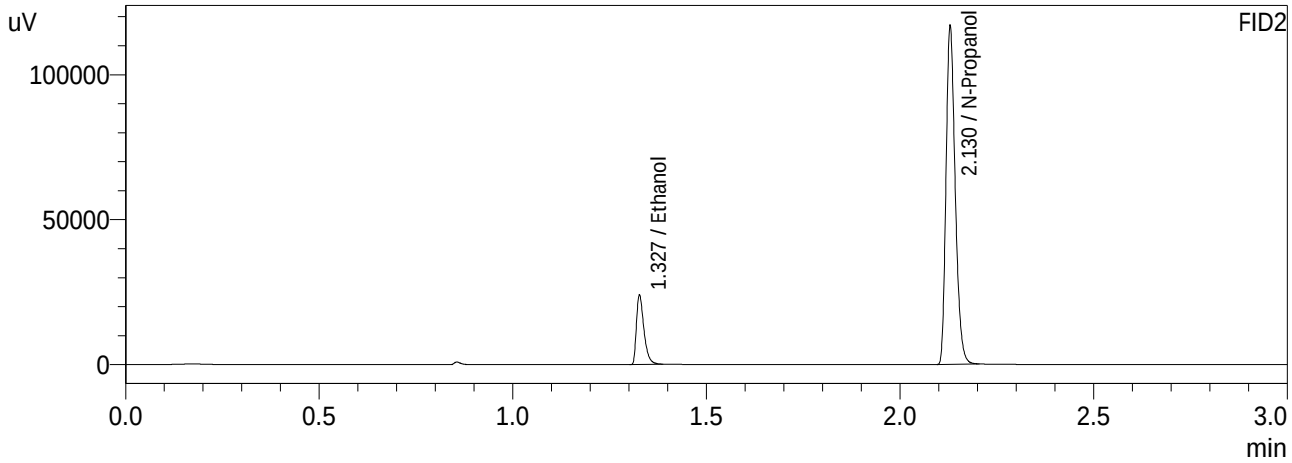
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0805	31708	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	193604	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.08 QA-B
Laboratory : Meridian
Injection Date : 1/12/2022 4:37:23 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0822	33640	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	203310	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0820	32182	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	192572	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Item #** **Analysis Date(s): 1/12/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0761	0.0759	0.0002	0.0760	0.0007	0.0763
(g/100cc)	0.0768	0.0767	0.0001	0.0767		

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
0.076	**0.072**	**0.080**	**0.004**

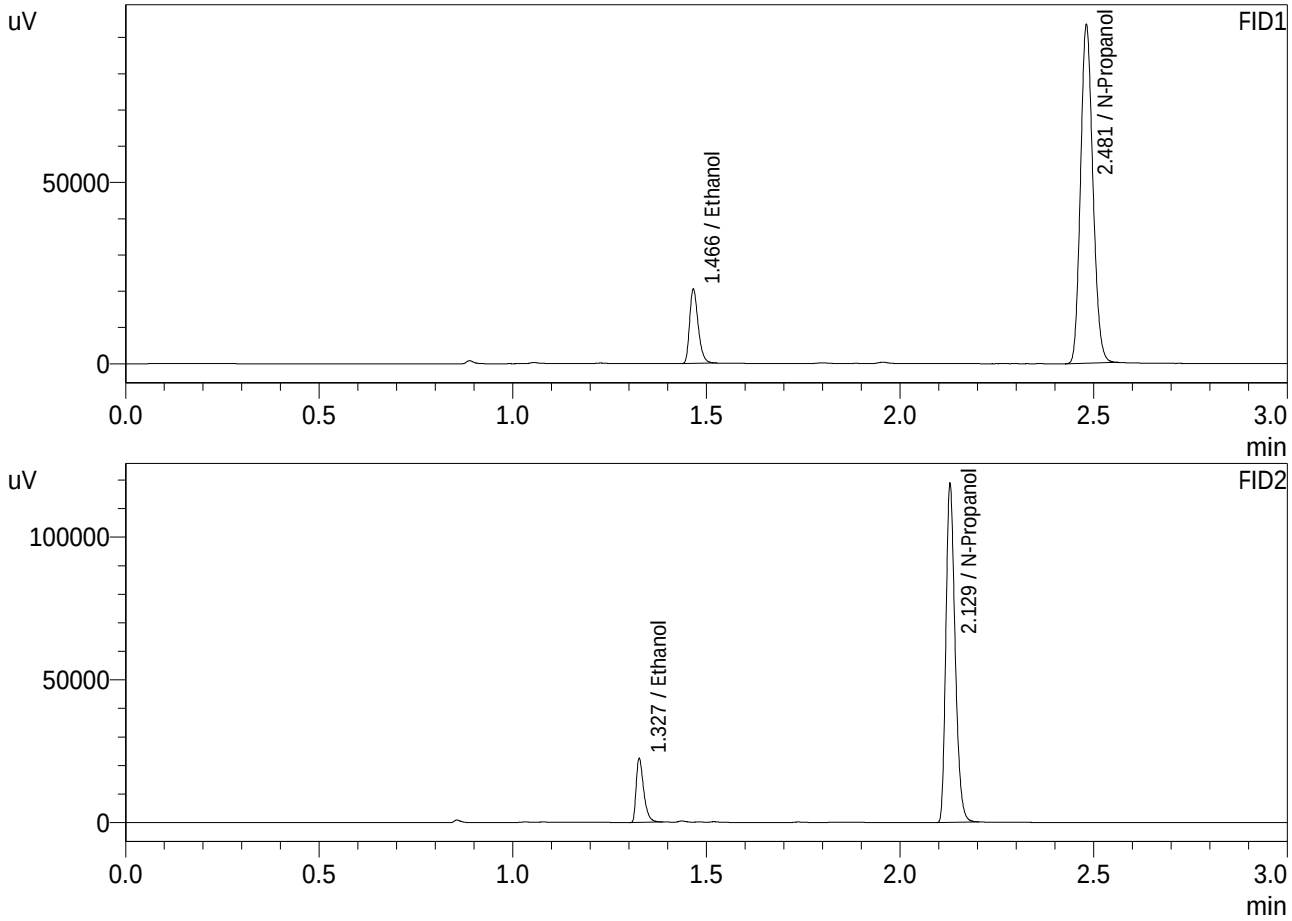
Reported Result

0.076

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-1-A
Laboratory : Meridian
Injection Date : 1/12/2022 4:12:42 PM
Vial # : 3
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

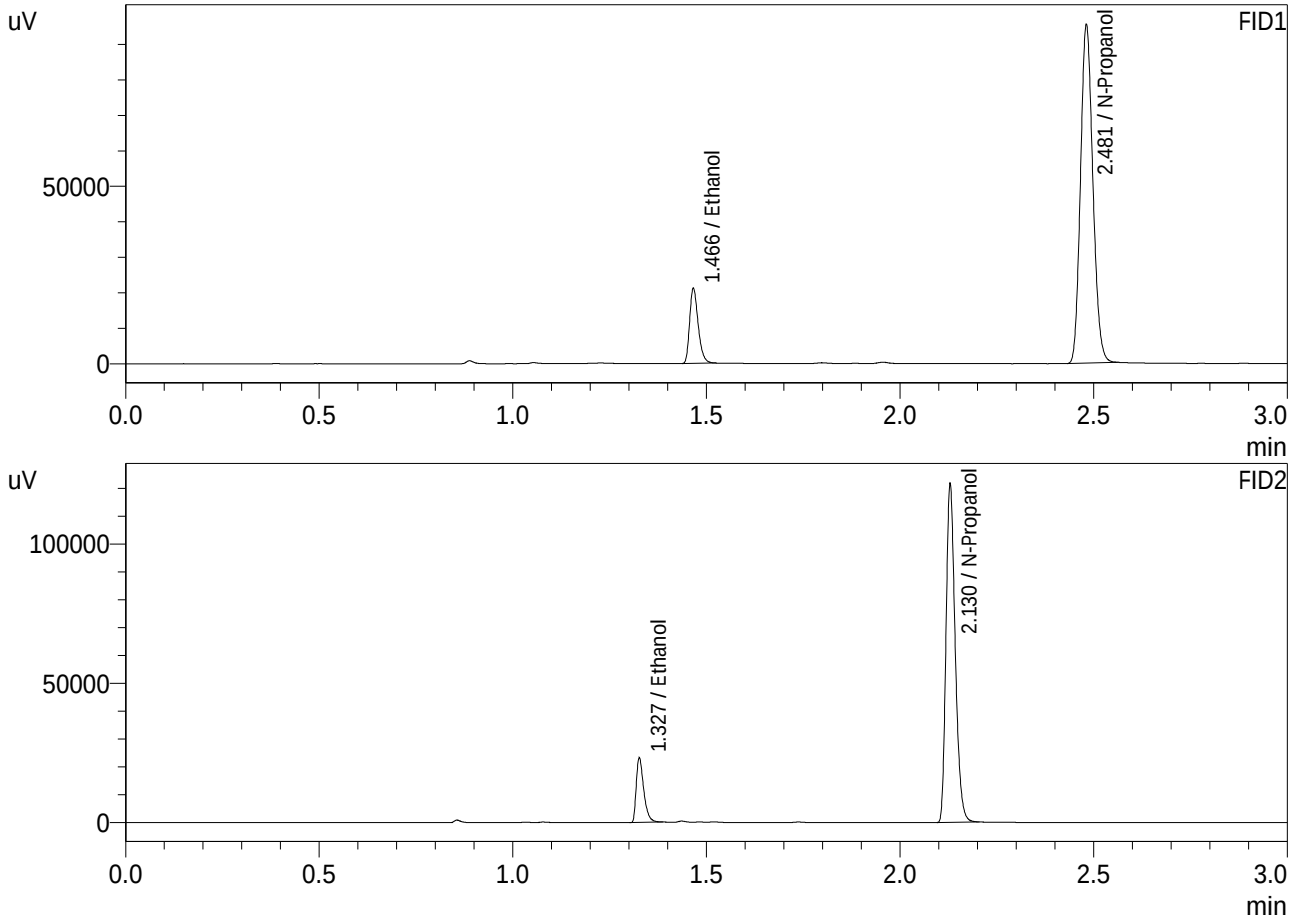
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0761	31481	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	206811	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0759	30143	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	195956	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-1-B
Laboratory : Meridian
Injection Date : 1/12/2022 4:21:34 PM
Vial # : 4
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0768	32532	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	211612	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0767	31174	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200277	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Item #** **Analysis Date(s): 1/12/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0799	0.0804	0.0005	0.0801	0.0009	0.0797
(g/100cc)	0.0792	0.0793	0.0001	0.0792		

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
0.079	**0.075**	**0.083**	**0.004**

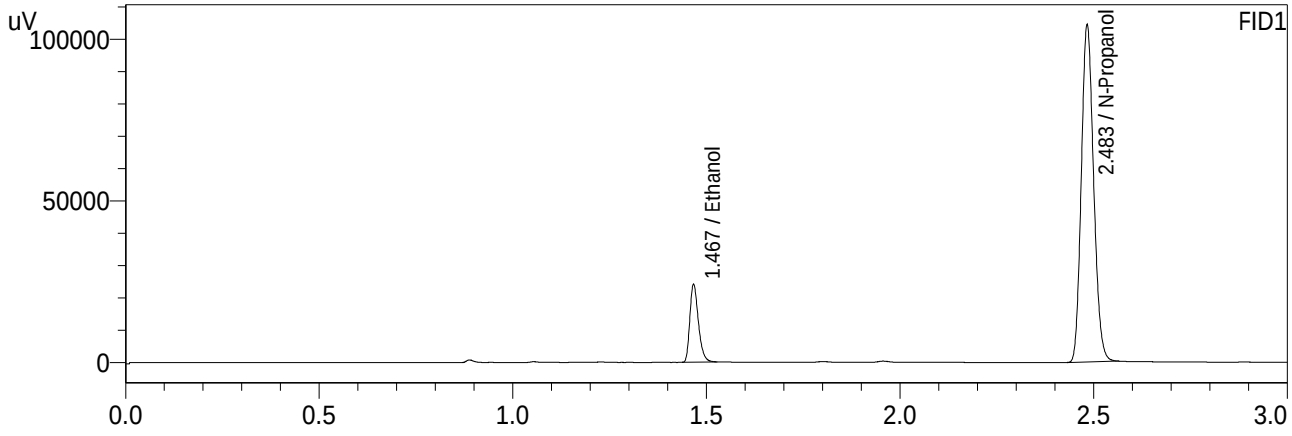
Reported Result

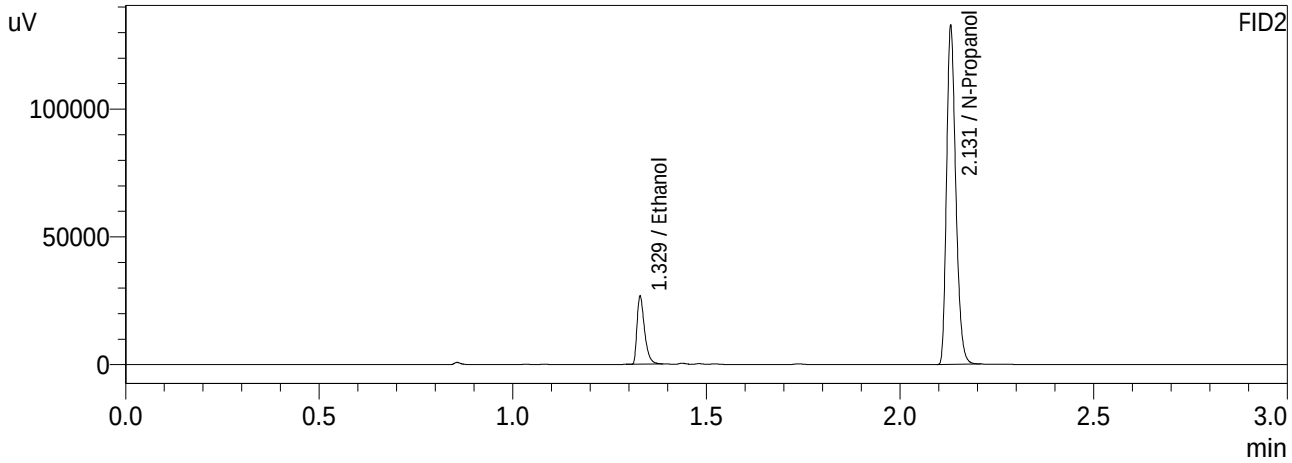
0.079

Calibration and control data are stored centrally.

NB

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : 1/12/2022 10:07:55 PM
Vial # : 47
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

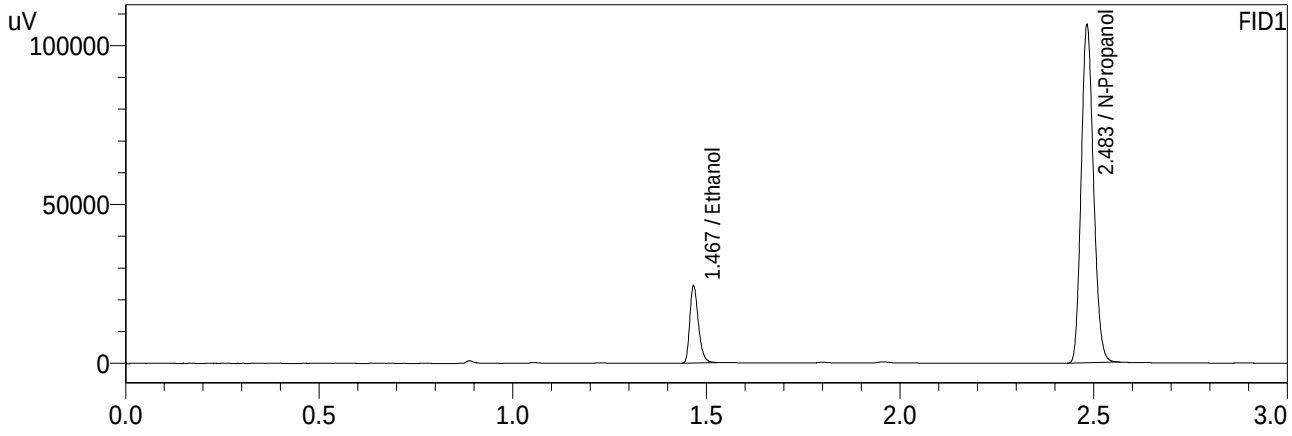
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0799	37058	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	231007	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

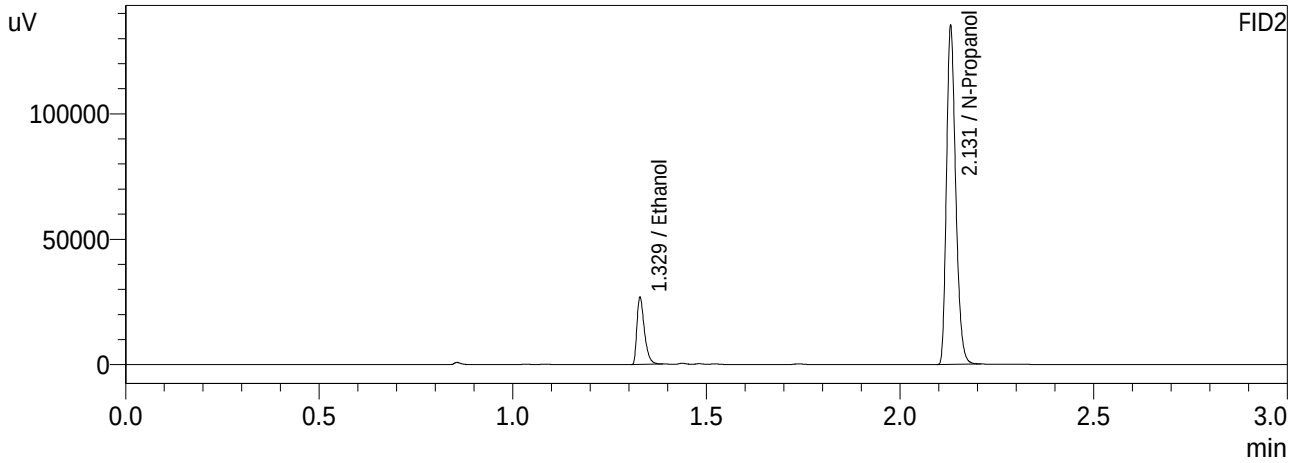
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0804	35882	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	219268	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : 1/12/2022 10:17:58 PM
Vial # : 48
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0792	37460	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	235589	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0793	36038	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	223469	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID1 and 2 average n-propanol area = 229529
NB 1/13/22

NB

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Item #** **Analysis Date(s): 1/12/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2139	0.2145	0.0006	0.2142	0.0033	0.2158
(g/100cc)	0.2171	0.2180	0.0009	0.2175		

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**

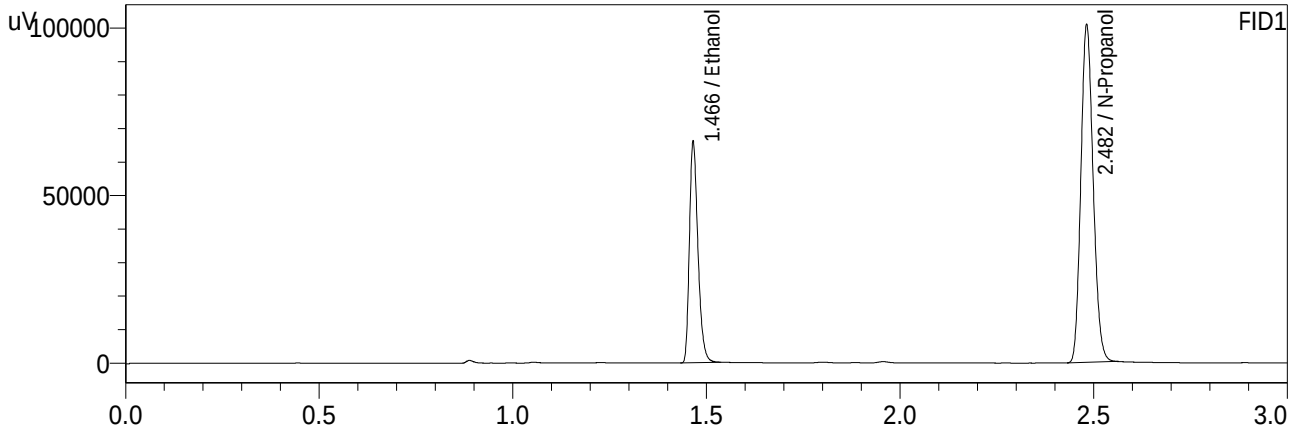
Reported Result

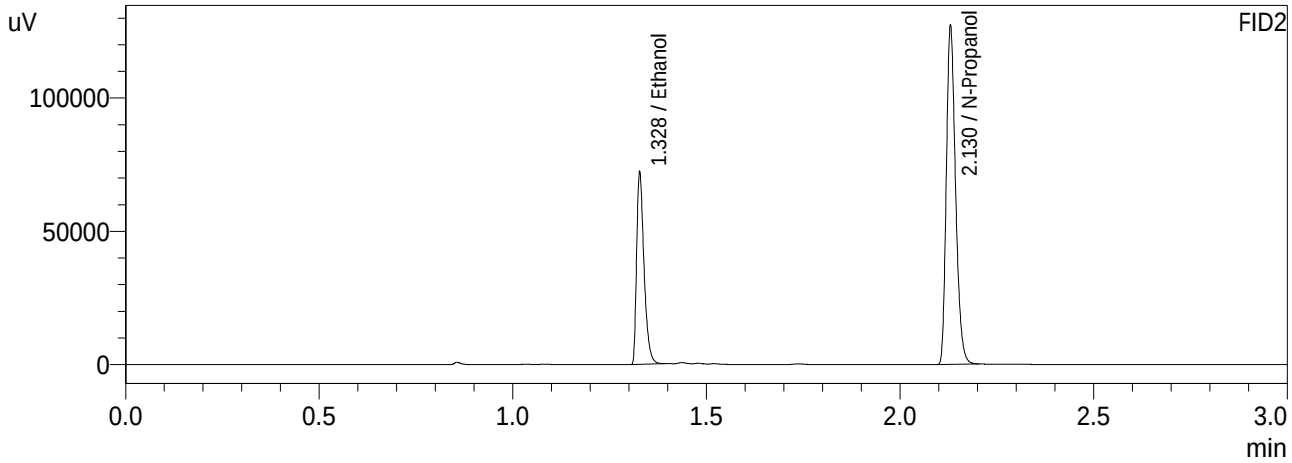
0.215

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-1-A
Laboratory : Meridian
Injection Date : 1/12/2022 7:09:57 PM
Vial # : 25
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

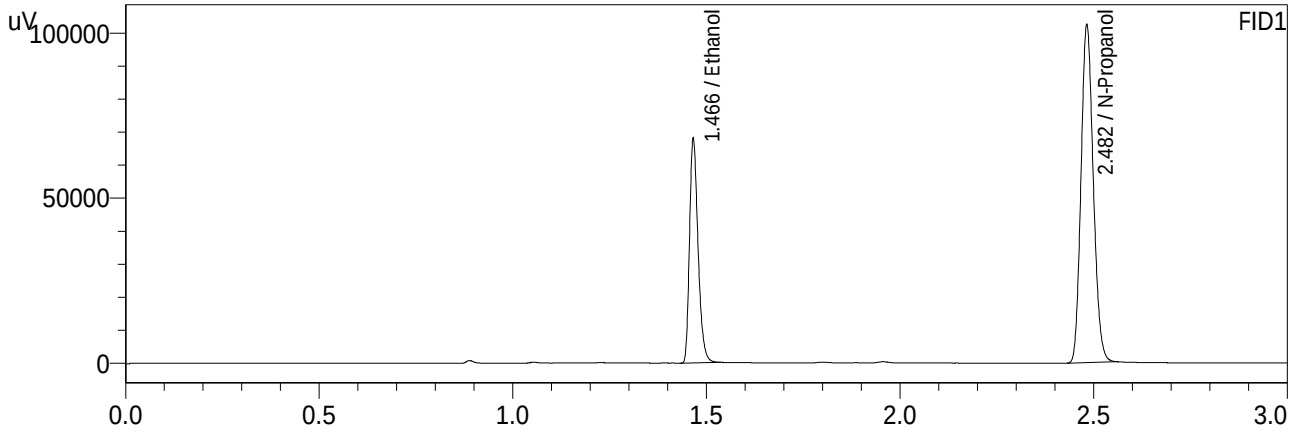
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2139	100927	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	222580	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

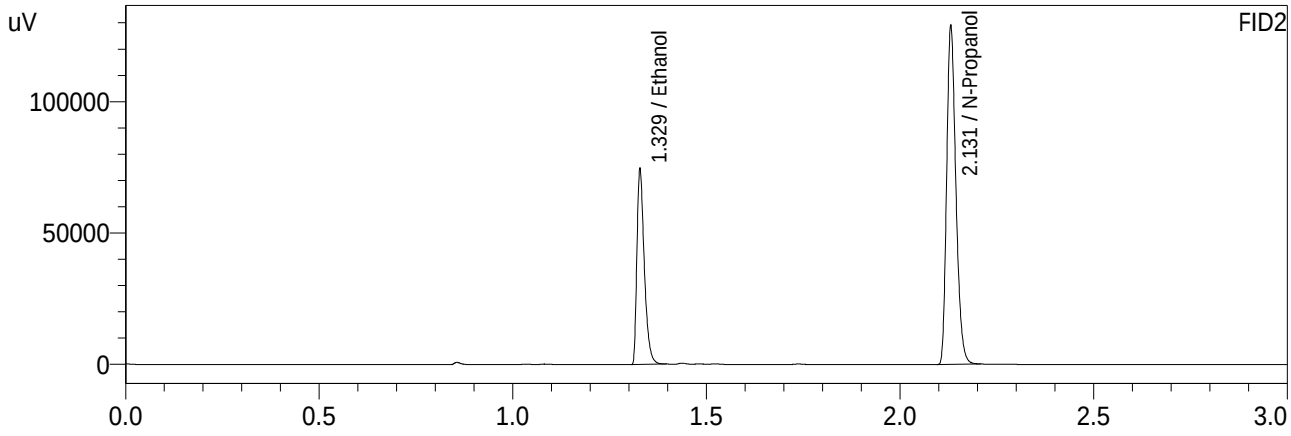
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2145	95477	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	210476	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-1-B
Laboratory : Meridian
Injection Date : 1/12/2022 7:18:29 PM
Vial # : 26
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

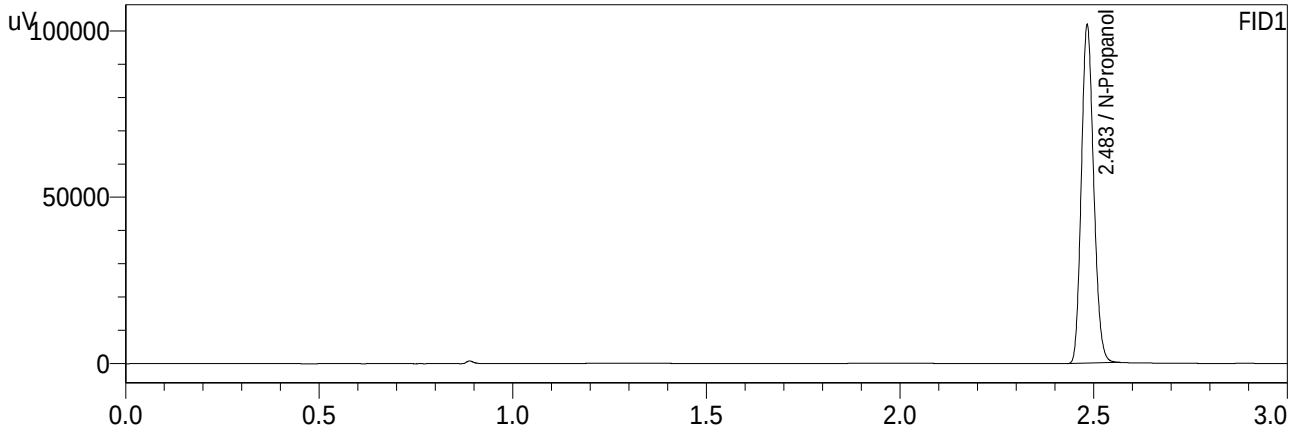
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2171	104033	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	225933	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

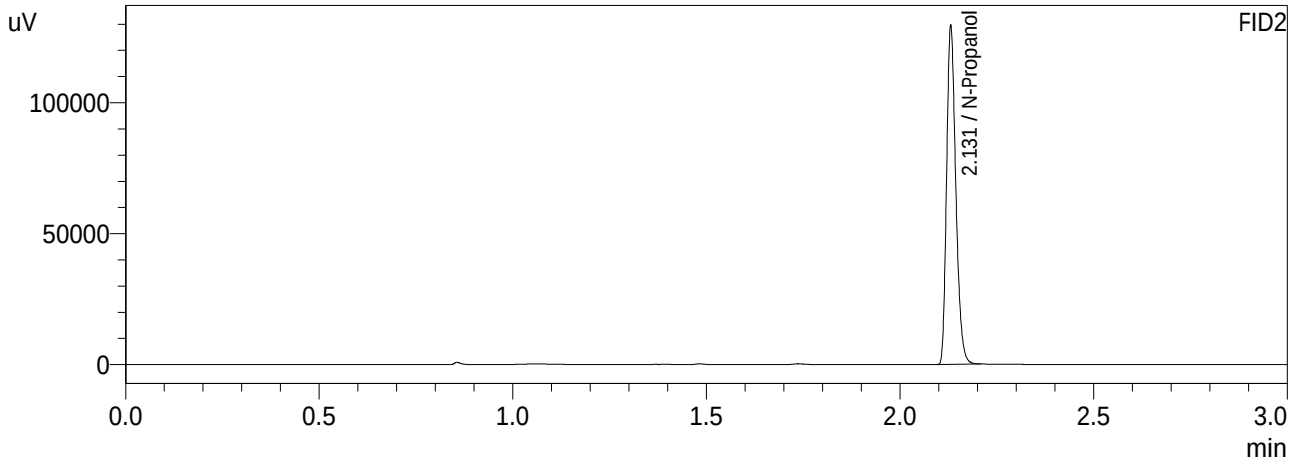
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2180	98715	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	213981	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

MB

Sample Name : INT STD BLK 2
Laboratory : Meridian
Injection Date : 1/12/2022 10:25:25 PM
Vial # : 49
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

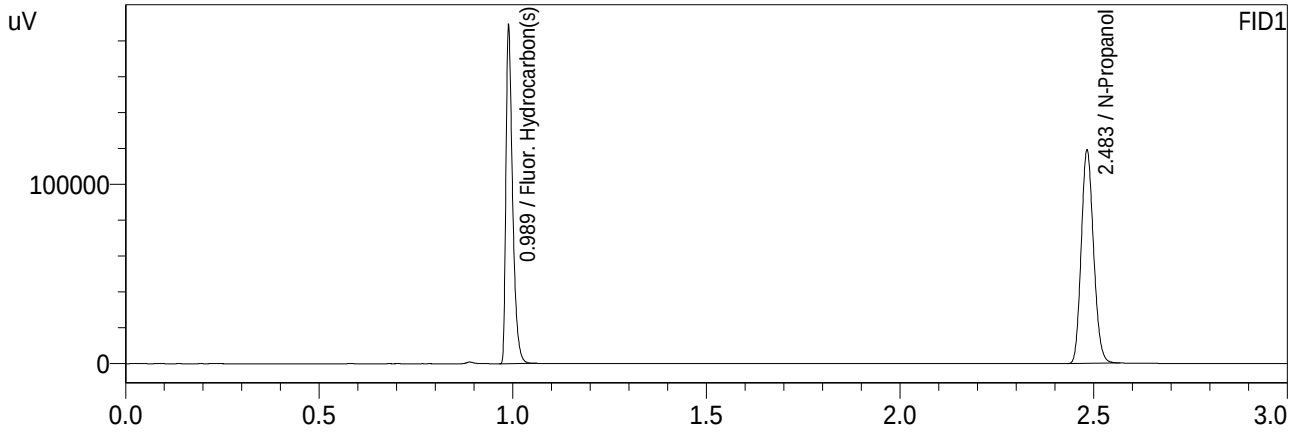
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	225020	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

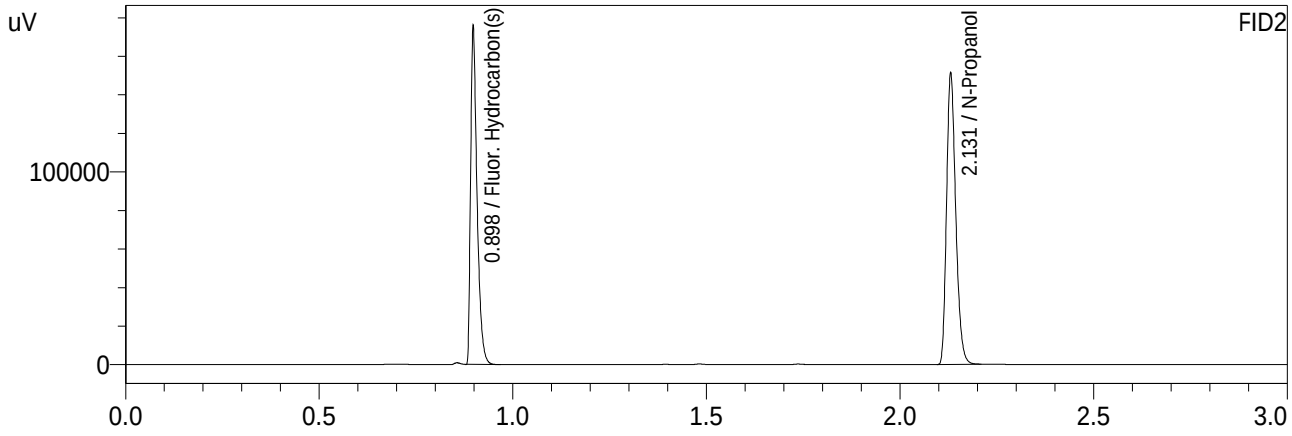
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	214011	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : DFE 111914
Laboratory : Meridian
Injection Date : 1/12/2022 10:33:17 PM
Vial # : 50
Method Filename : C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

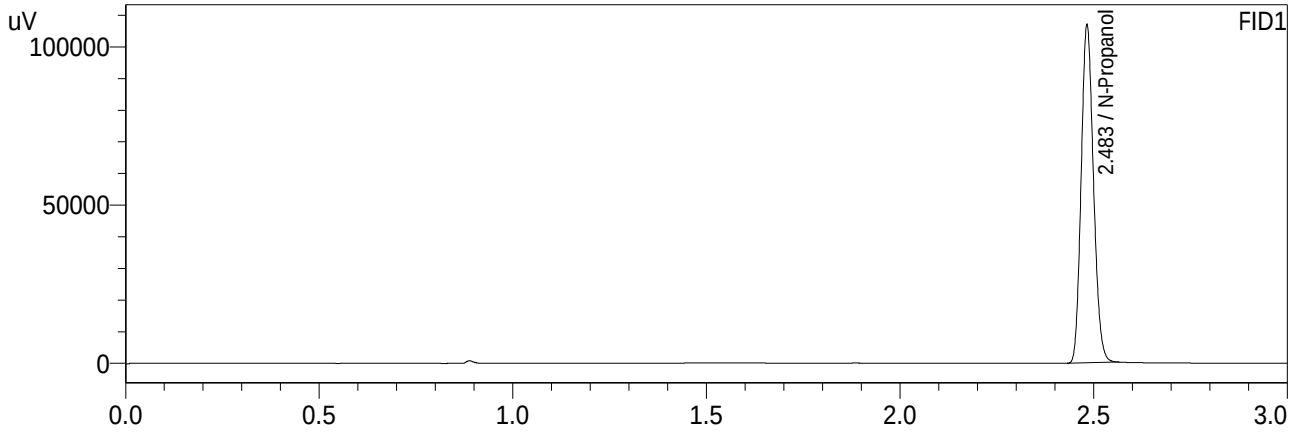
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	262824	g/100cc
Fluor. Hydrocarbon(s)	0.0000	224501	g/100cc

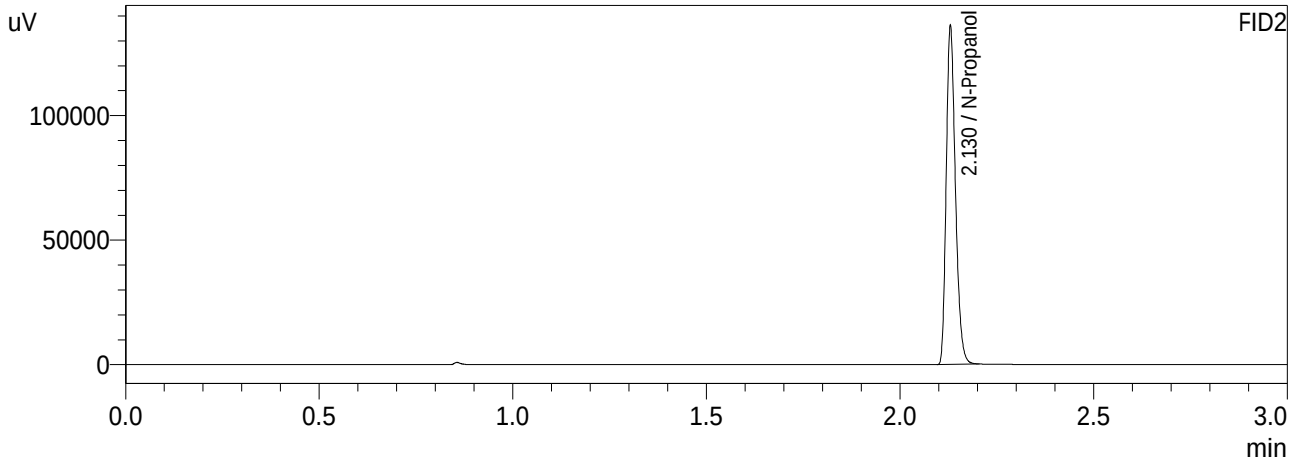
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	249290	g/100cc
Fluor. Hydrocarbon(s)	0.0000	202812	g/100cc

NB

Sample Name : INT STD BLK 3
Laboratory : Meridian
Injection Date : 1/12/2022 10:42:42 PM
Vial # : 51
Method Filename : C:\LabSolutions\Data\220112\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	236444	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	224362	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID1 and 2 average n-propanol area = 230403
NB 1/13/22

Meridian Blood Alcohol Analysis Batch Table

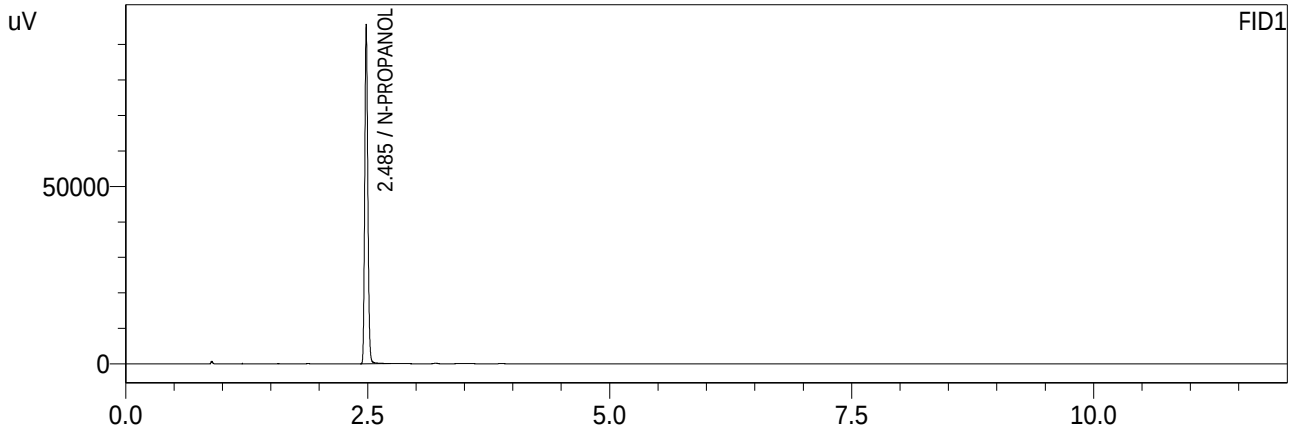
NB

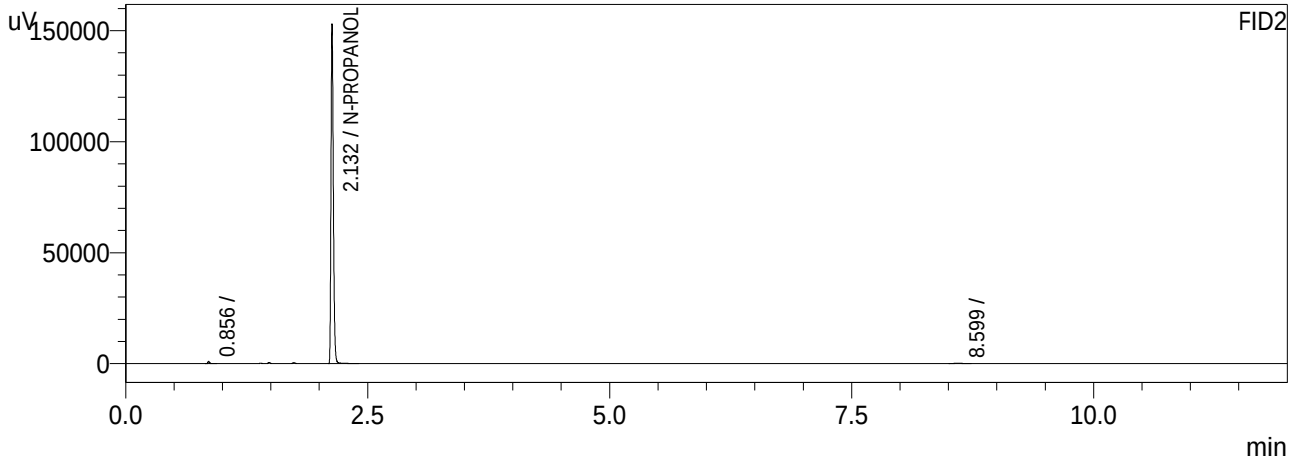
Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Software Ver. 5.99

Vial#	Sample Name	Method File
1	INT STD BLK 1	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
2	ED VOLATILES FN 0710	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
3	QC-1-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
4	QC-1-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
5	0.08 QA-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
6	0.08 QA-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
7	M2021-5650-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
8	M2021-5650-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
9	M2021-5664-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
10	M2021-5664-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
11	M2021-5665-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
12	M2021-5665-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
13	M2021-5669-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
14	M2021-5669-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
15	M2021-5673-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
16	M2021-5673-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
17	M2022-0005-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
18	M2022-0005-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
19	M2022-0006-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
20	M2022-0006-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
21	M2022-0018-3-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
22	M2022-0018-3-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
23	M2022-0019-3-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
24	M2022-0019-3-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
25	QC-2-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
26	QC-2-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
27	M2022-0019-4-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
28	M2022-0019-4-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
29	M2022-0072-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
30	M2022-0072-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
31	M2022-0075-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
32	M2022-0075-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
33	M2022-0076-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
34	M2022-0076-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
35	M2022-0133-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
36	M2022-0133-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
37	P2021-4247-7-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
38	P2021-4247-7-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
39	P2021-4247-8-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
40	P2021-4247-8-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
41	P2021-4253-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
42	P2021-4253-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
43	P2021-4253-2-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
44	P2021-4253-2-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
45	P2021-4261-1-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
46	P2021-4261-1-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
47	QC1-2-A	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
48	QC1-2-B	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
49	INT STD BLK 2	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
50	DFE 111914	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM
51	INT STD BLK 3	C:\LabSolutions\Data\220112\CALIBRATION\ALCOHOL.GCM

MB

Sample Name : ISTD BLK VOL 1
Laboratory : Meridian
Injection Date : 1/12/2022 11:39:48 PM
Vial # : 54
Method Filename : C:\LabSolutions\Data\TEMPLATE\CALIBRATION\VOLATILES.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

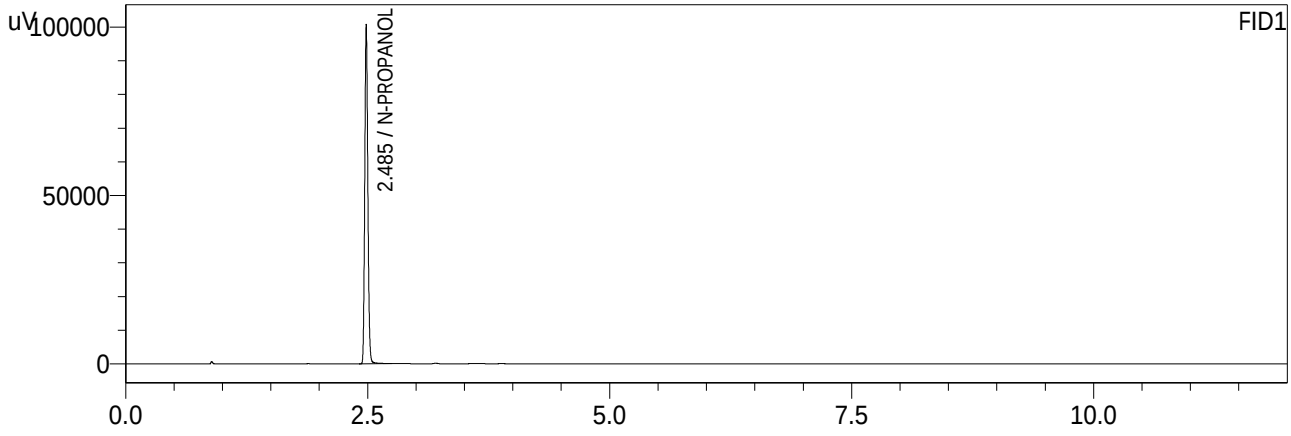
Name	Conc.	Area	Unit
N-PROPANOL	0.0000	211852	ppm
TOLUENE	--	--	ppm

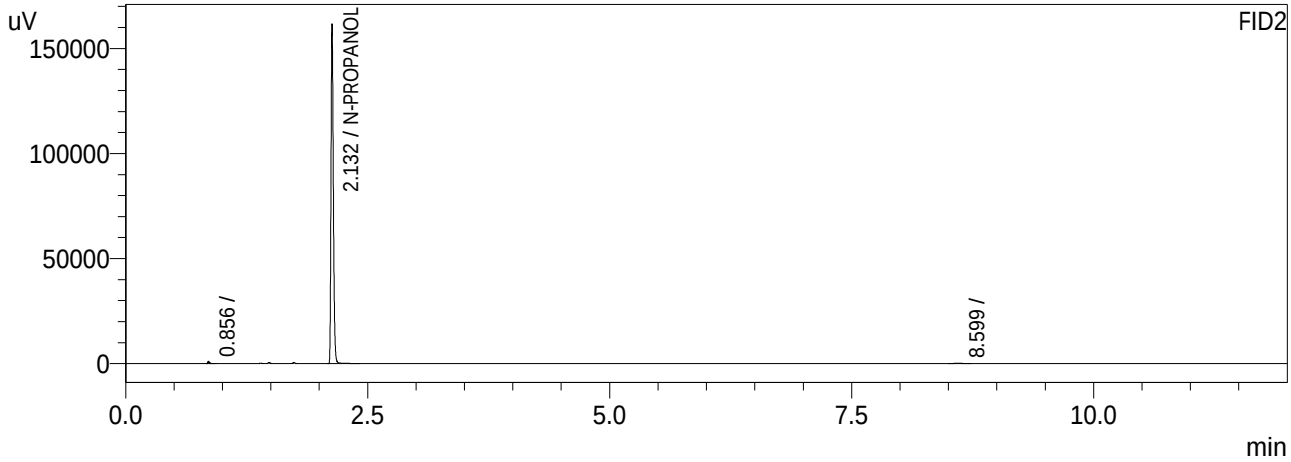
FID2

Name	Conc.	Area	Unit
TOLUENE	--	--	ppm
N-PROPANOL	0.0000	254660	ppm

NB

Sample Name : ISTD BLK VOL 2
Laboratory : Meridian
Injection Date : 1/13/2022 12:10:23 AM
Vial # : 56
Method Filename : C:\LabSolutions\Data\TEMPLATE\CALIBRATION\VOLATILES.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

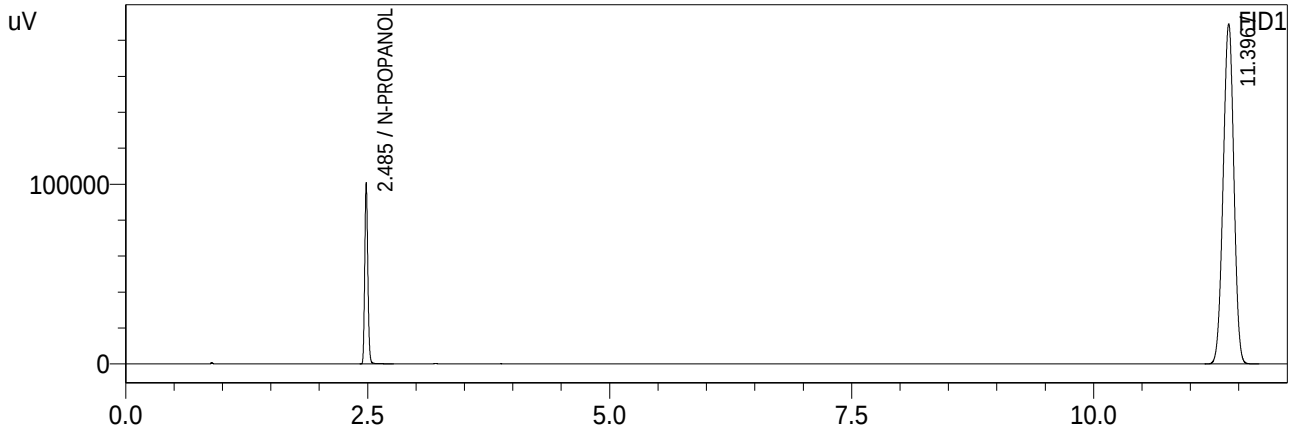
Name	Conc.	Area	Unit
N-PROPANOL	0.0000	223612	ppm
TOLUENE	--	--	ppm

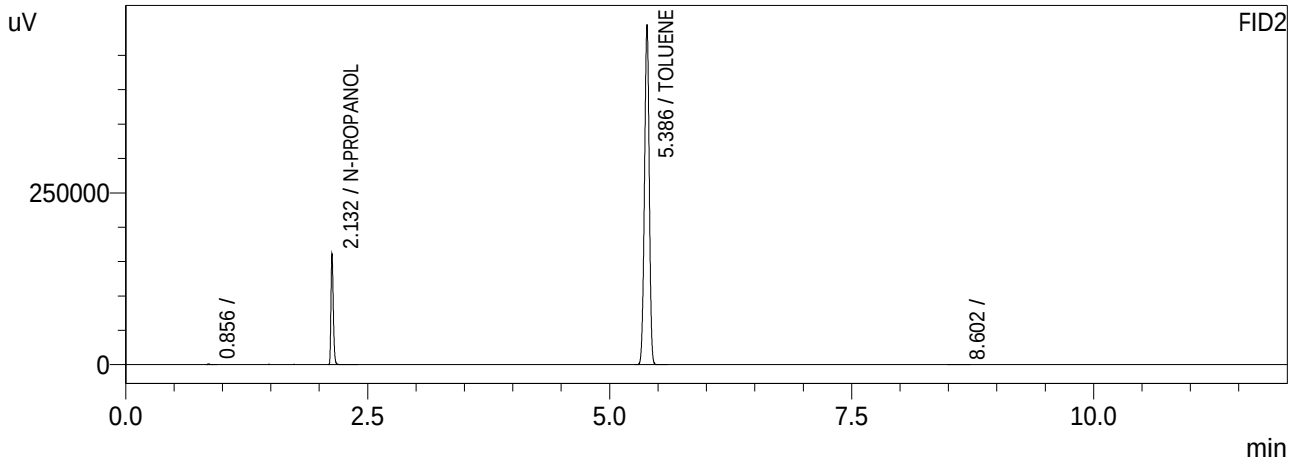
FID2

Name	Conc.	Area	Unit
TOLUENE	--	--	ppm
N-PROPANOL	0.0000	268524	ppm

MB

Sample Name : TOLUENE 002007
Laboratory : Meridian
Injection Date : 1/12/2022 11:55:05 PM
Vial # : 55
Method Filename : C:\LabSolutions\Data\TEMPLATE\CALIBRATION\VOLATILES.GCM
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
N-PROPANOL	0.0000	223634	ppm
TOLUENE	--	--	ppm

FID2

Name	Conc.	Area	Unit
TOLUENE	0.0000	1697003	ppm
N-PROPANOL	0.0000	268154	ppm

Meridian Blood Alcohol Analysis Batch Table

NB

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Software Ver. 5.99

Vial#	Sample Name	Method File
52	P2021-4253-1 VOL-A	LabSolutions\Data\TEMPLATE\CALIBRATION\VOLATILES.G
53	P2021-4253-1 VOL-B	LabSolutions\Data\TEMPLATE\CALIBRATION\VOLATILES.G
54	ISTD BLK VOL 1	LabSolutions\Data\TEMPLATE\CALIBRATION\VOLATILES.G
55	TOLUENE 002007	LabSolutions\Data\TEMPLATE\CALIBRATION\VOLATILES.G
56	ISTD BLK VOL 2	LabSolutions\Data\TEMPLATE\CALIBRATION\VOLATILES.G