REVIEWED
By Galina Giso at 11:14 am, Dec 23, 2022

12/22/2022

Worklist: 6200

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION	
M2022-5165	1	BCK	Alcohol Analysis	
M2022-5166	1	BCK	Alcohol Analysis	
M2022-5167	1	BCK	Alcohol Analysis	
M2022-5168	1	BCK	Alcohol Analysis	
M2022-5180	1	BLOOD	Alcohol Analysis	
M2022-5180	1	BLOOD	Alcohol Analysis	
M2022-5218	1	BCK	Alcohol Analysis	
M2022-5239	1	BCK	Alcohol Analysis	
M2022-5244	1	BCK	Alcohol Analysis	
M2022-5245	1	BCK	Alcohol Analysis	
M2022-5246	1	BCK	Alcohol Analysis	
M2022-5254	2	BCK	Alcohol Analysis	
M2022-5262	1	BCK	Alcohol Analysis	
M2022-5263	1	BCK	Alcohol Analysis	
M2022-5264	1	BCK	Alcohol Analysis	
M2022-5265	1	BCK	Alcohol Analysis	
M2022-5272	1	BCK	Alcohol Analysis	
M2022-5274	1	BCK	Alcohol Analysis	
M2022-5275	1	BCK	Alcohol Analysis	
P2022-3772	1	BCK	Alcohol Analysis	

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): 12/22/22**

Calibration Date: 12/15/22

Worklist #: 6200

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Feb-25	2101199	0.0808	0.0727-0.0889	0.0782 g/100cc
					0.0831 g/100cc
					g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2126 g/100cc
					0.2155 g/100cc
					g/100cc

Multi-Component mixture:	Exp:	Oct. 2024	Lot #	FN06041902	
Curve Fit:		**Column 1**	0.99951	**Column2**	0.99952

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0535	0.0535	0	0.0535
100	0.100	0.090 - 0.110	0.1015	0.1014	0.0001	0.1014
200	0.200	0.180 - 0.220	0.1947	0.1946	0.0001	0.1946
300	0.300	0.270 - 0.330	0.2969	0.2972	0.0003	0.297
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5033	0.5031	0.0002	0.5032

Aqueous Controls

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

Internal Standard Monitoring Worksheet

Worklist #: **6200** **Run Date(s):** **12/22/22**

Internal Standard Solution:	Prep Date: 12/8/2022	Exp Date: 6/8/2023

Sample Name	Column 1 Value	Column 2 Value
0.080	204198	222188
0.080	208040	226451
QC1	201117	218744
QC1	205427	223460
QC1	240265	261954
QC1	236533	258092
QC1		
QC1		
QC2	218111	237824
QC2	224315	244274
QC2	237870	259413
QC2	249716	272108
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	222559.2	178047.4	267071.0
Column 2	242450.8	193960.6	290941.0

Revision: 5
Issue Date: 07/05/2022
Issuing Authority: Quality Manager

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: 0.08 **Item #** **Analysis Date(s): 12/22/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0811	0.0808	0.0003	0.0809	0.0013	0.0815
(g/100cc)	0.0823	0.0821	0.0002	0.0822		

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%

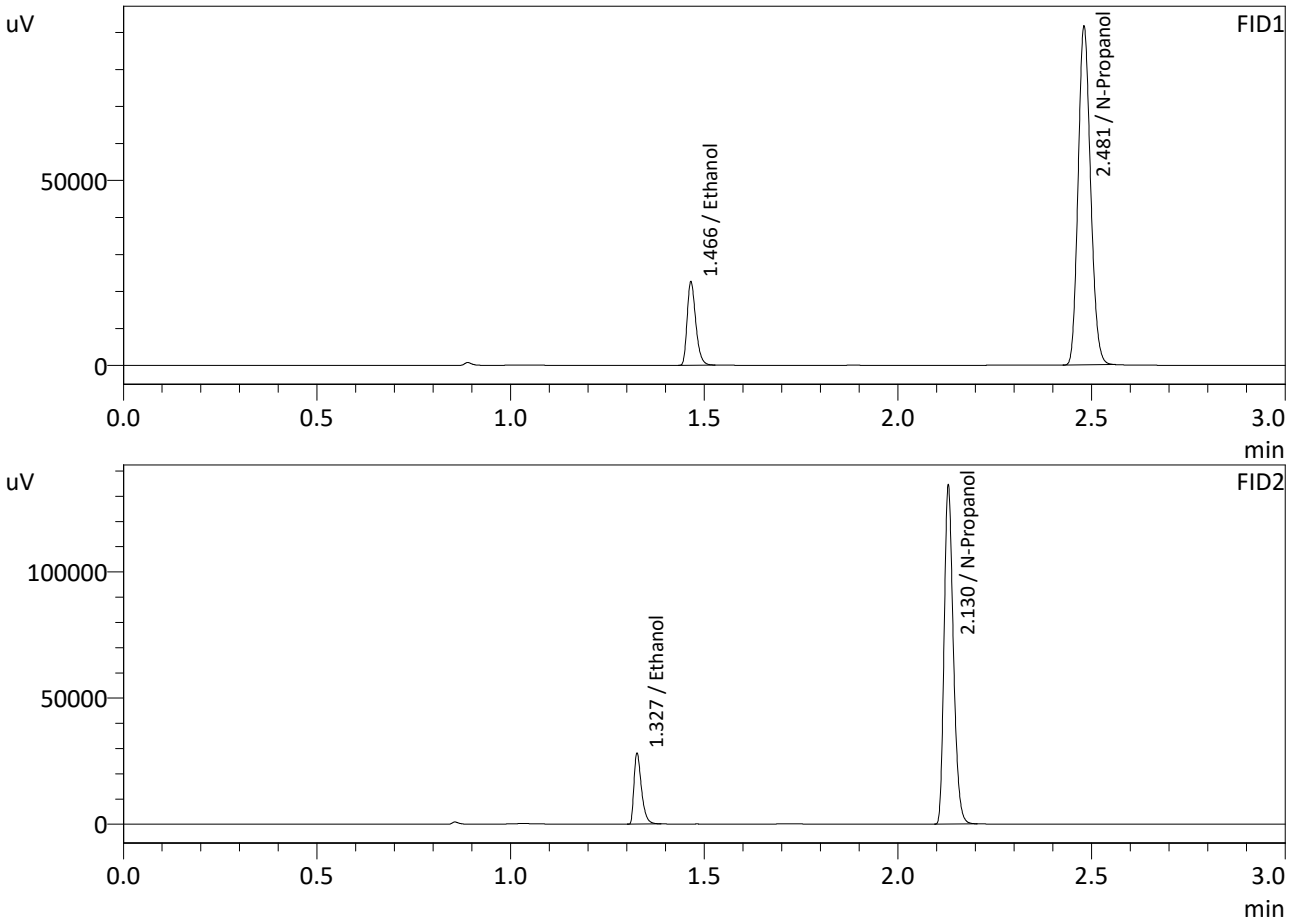
Overall Mean (g/100cc)	Low	High	5% of Mean
0.081	**0.076**	**0.086**	**0.005**

Reported Result

0.081

Calibration and control data are stored centrally.

Sample Name	: 0.08 QA-A
Laboratory	: Meridian
Injection Date	: 12/22/2022 1:02:49 PM
Vial #	: 5
Method Filename	: C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS	: C12255750548 / C12595800409



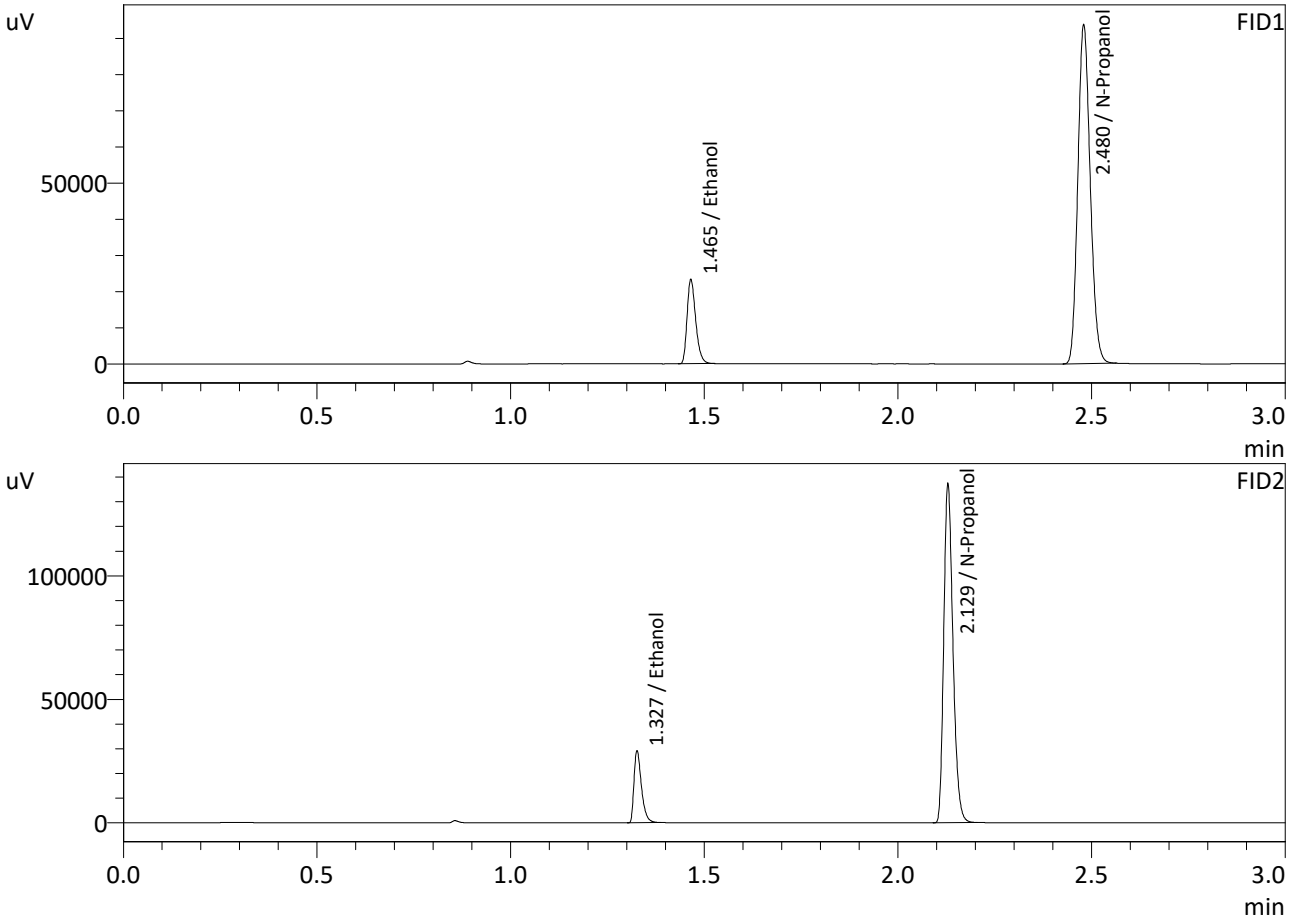
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0811	34900	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	204198	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0808	37671	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	222188	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name	: 0.08 QA-B
Laboratory	: Meridian
Injection Date	: 12/22/2022 1:11:04 PM
Vial #	: 6
Method Filename	: C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS	: C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0823	36083	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	208040	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0821	39008	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	226451	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES BAC CASEFILE WORKSHEET

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

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0778	0.0777	0.0001	0.0777	0.0011	0.0782
(g/100cc)	0.0789	0.0787	0.0002	0.0788		

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
0.078	**0.074**	**0.082**	**0.004**

Reported Result

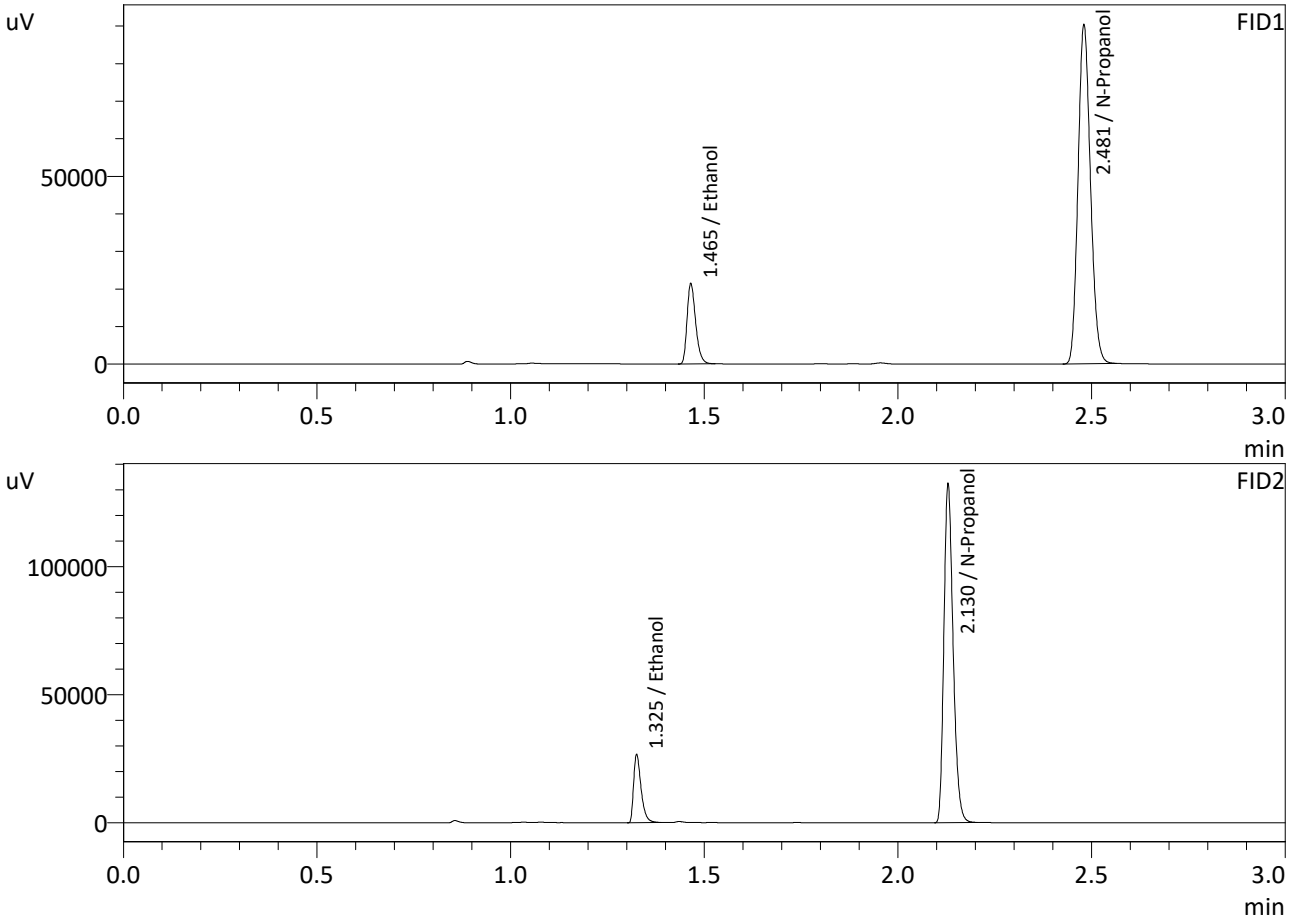
0.078

Calibration and control data are stored centrally.

NB

Revision: 1
Issue Date: 12/29/2021
Issuing Authority: Quality Manager

Sample Name	: QC-1-1-A
Laboratory	: Meridian
Injection Date	: 12/22/2022 12:46:22 PM
Vial #	: 3
Method Filename	: C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS	: C12255750548 / C12595800409



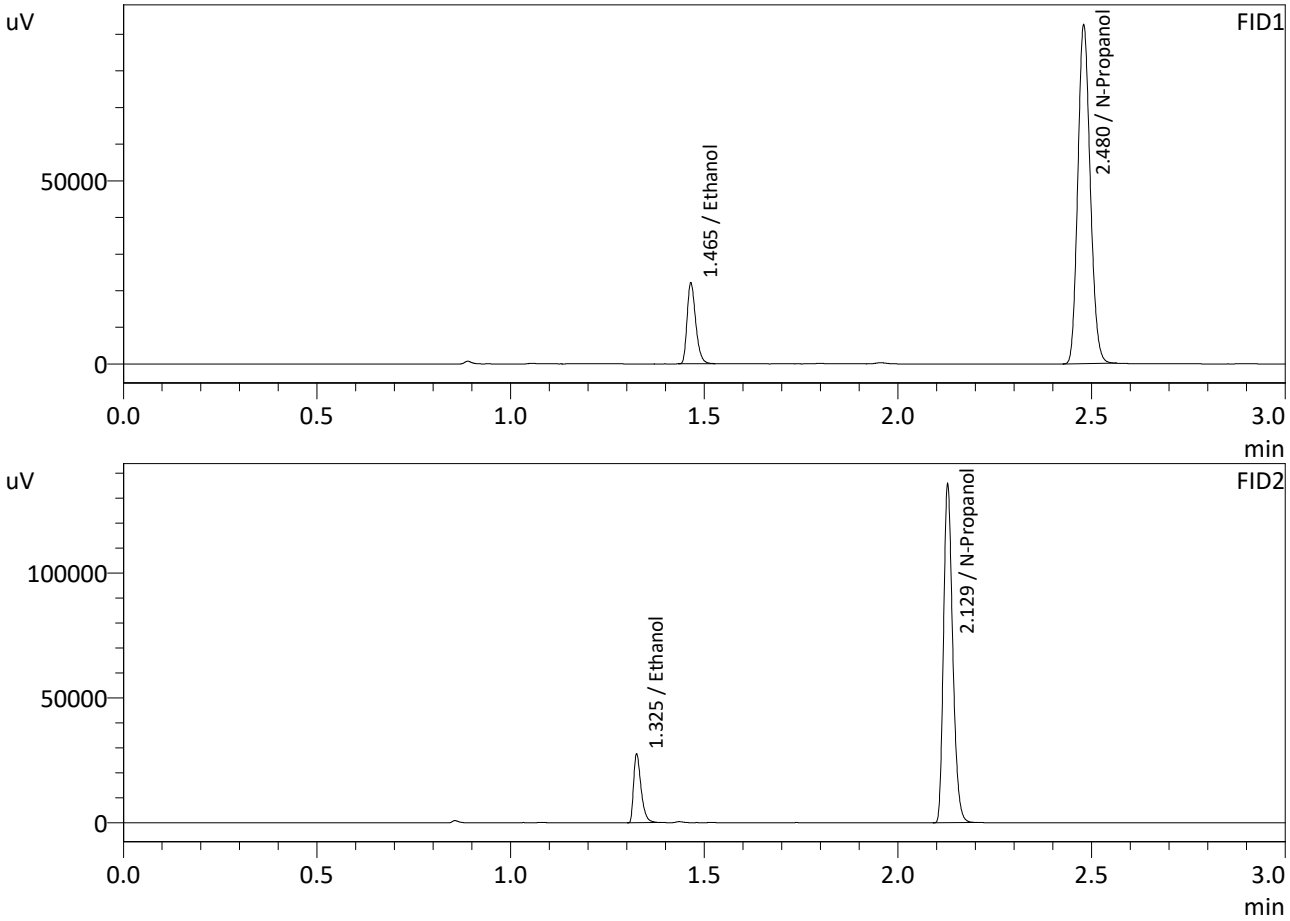
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0778	32946	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	201117	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0777	35610	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	218744	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name	: QC-1-1-B
Laboratory	: Meridian
Injection Date	: 12/22/2022 12:55:20 PM
Vial #	: 4
Method Filename	: C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS	: C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0789	34128	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	205427	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0787	36854	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	223460	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES BAC CASEFILE WORKSHEET

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

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0830	0.0829	0.0001	0.0829	0.0004	0.0831
(g/100cc)	0.0834	0.0833	0.0001	0.0833		

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%

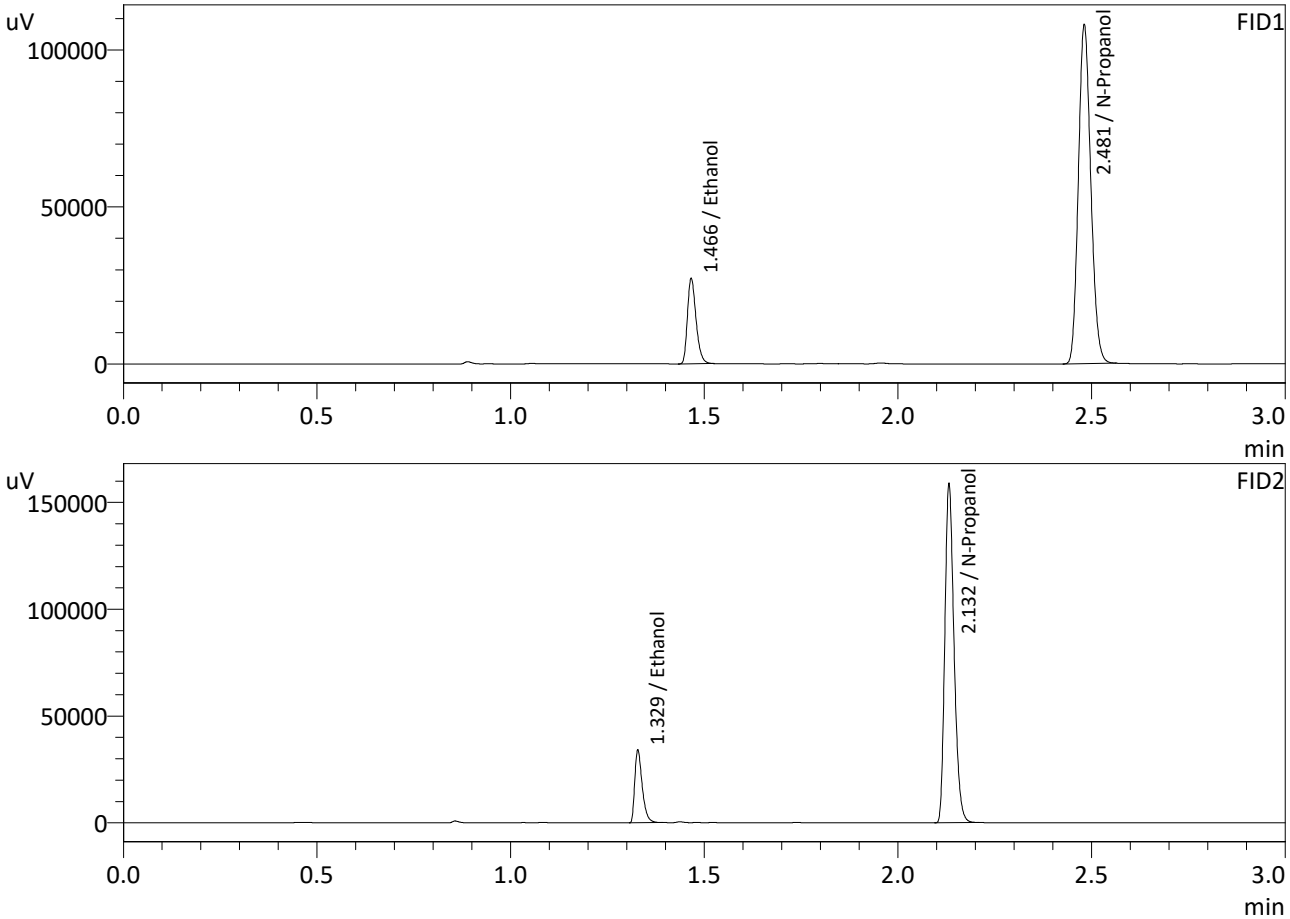
Overall Mean (g/100cc)	Low	High	5% of Mean
0.083	**0.078**	**0.088**	**0.005**

Reported Result

0.083

Calibration and control data are stored centrally.

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : 12/22/2022 6:43:33 PM
Vial # : 47
Method Filename : C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



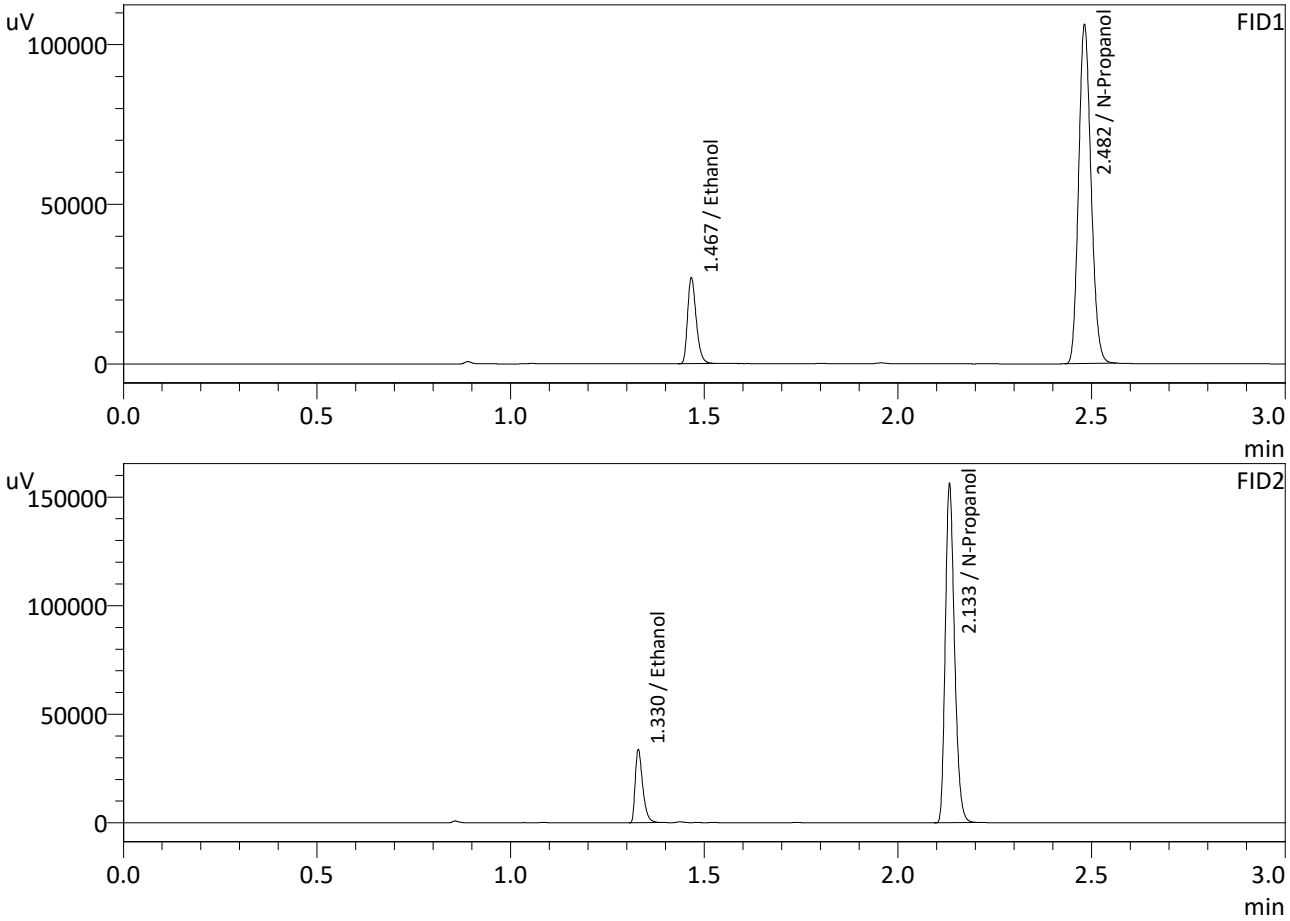
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0830	42082	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	240265	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0829	45572	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	261954	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : 12/22/2022 6:52:39 PM
Vial # : 48
Method Filename : C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0834	41610	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	236533	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0833	45161	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	258092	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES BAC CASEFILE WORKSHEET

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

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2111	0.2110	0.0001	0.2110	0.0033	0.2126
(g/100cc)	0.2144	0.2142	0.0002	0.2143		

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**

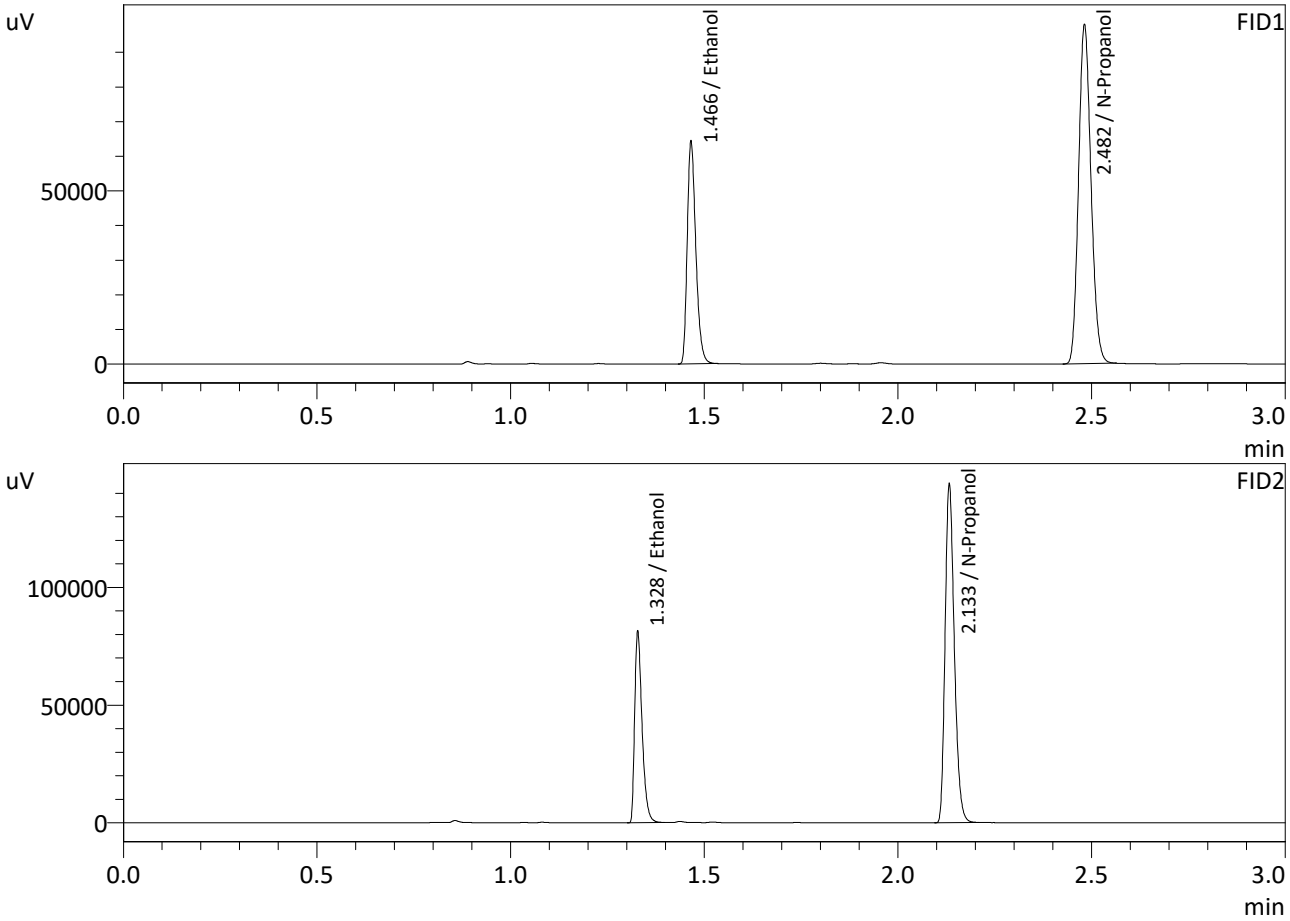
Reported Result

0.212

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-1-A
Laboratory : Meridian
Injection Date : 12/22/2022 3:43:56 PM
Vial # : 25
Method Filename : C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



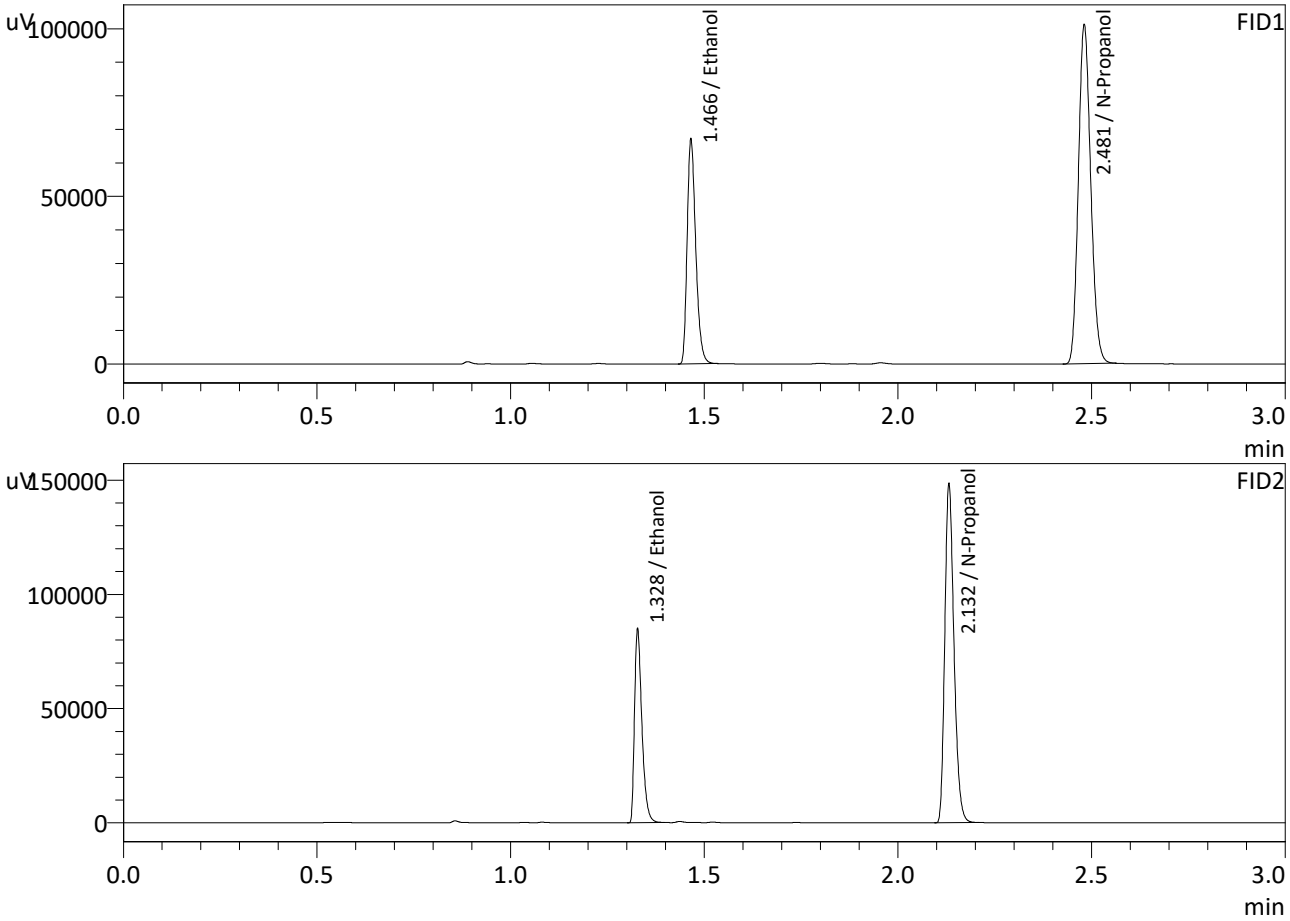
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2111	99001	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	218111	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2110	107627	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	237824	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name	: QC-2-1-B
Laboratory	: Meridian
Injection Date	: 12/22/2022 3:51:55 PM
Vial #	: 26
Method Filename	: C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS	: C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2144	103399	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	224315	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2142	112234	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	244274	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Item #** **Analysis Date(s): 12/22/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2161	0.2159	0.0002	0.2160	0.0009	0.2155
(g/100cc)	0.2152	0.2150	0.0002	0.2151		

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**

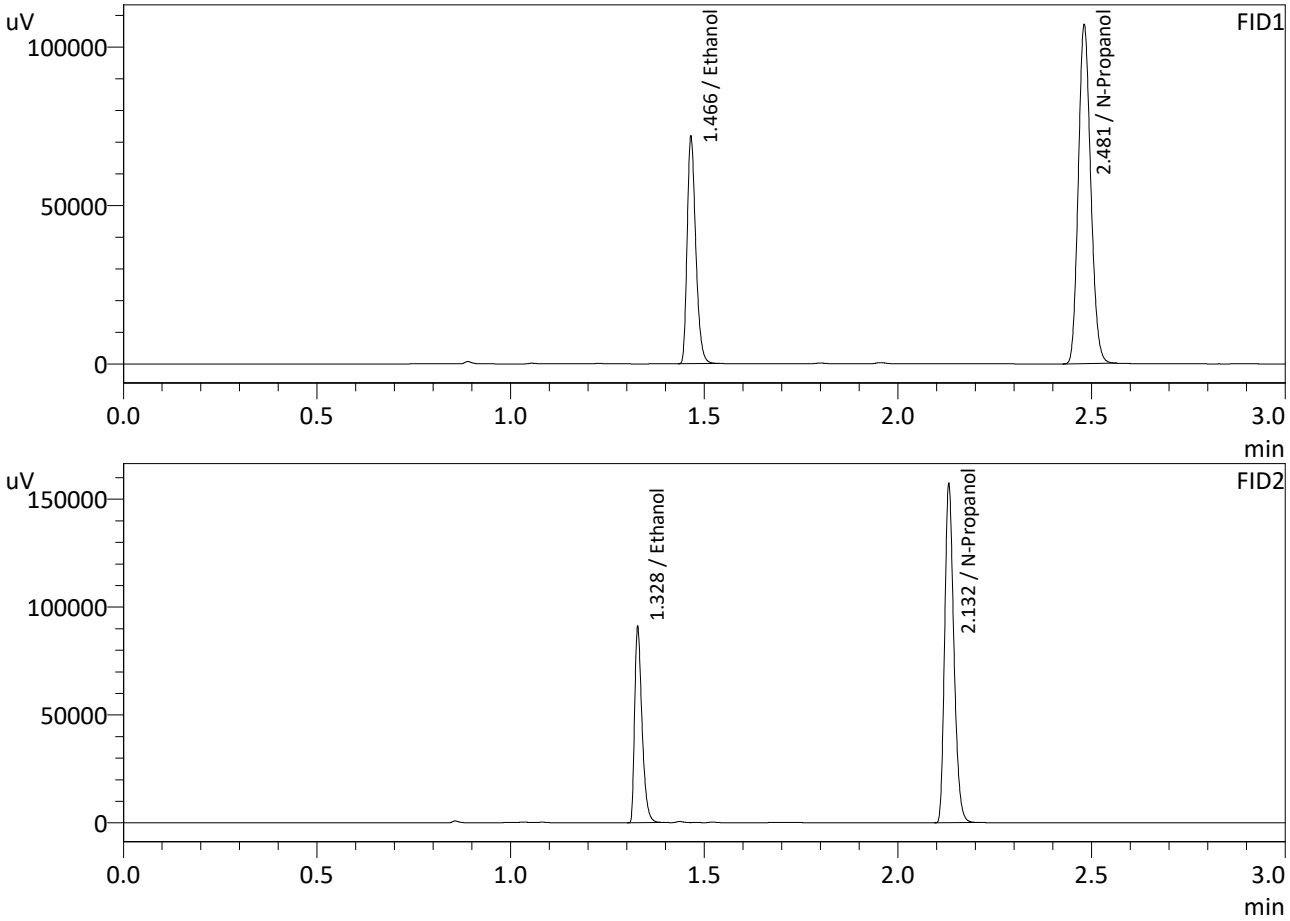
Reported Result

0.215

Calibration and control data are stored centrally.

NB

Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : 12/22/2022 7:00:10 PM
Vial # : 49
Method Filename : C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



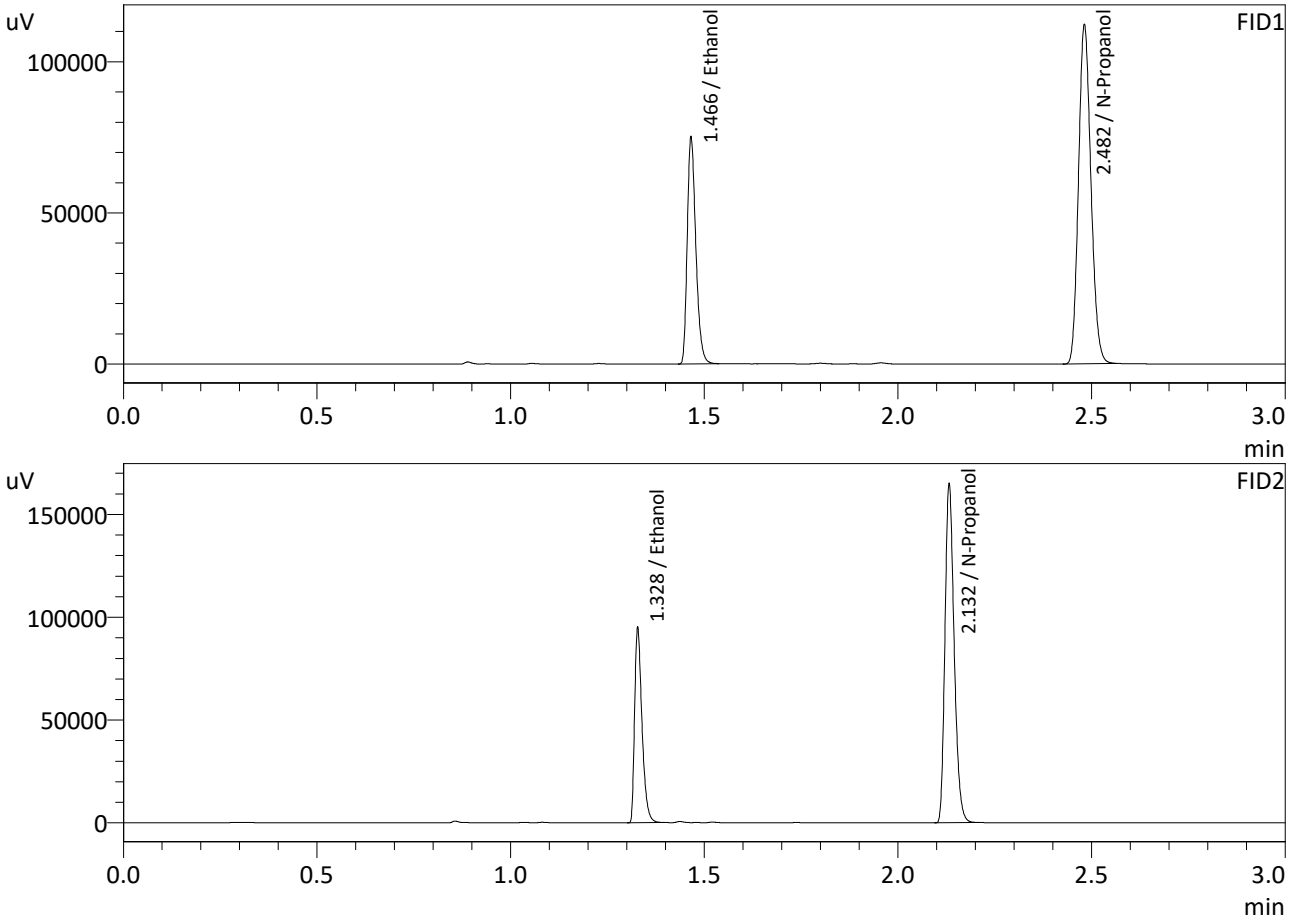
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2161	110542	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	237870	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2159	120146	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	259413	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : 12/22/2022 7:08:24 PM
Vial # : 50
Method Filename : C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



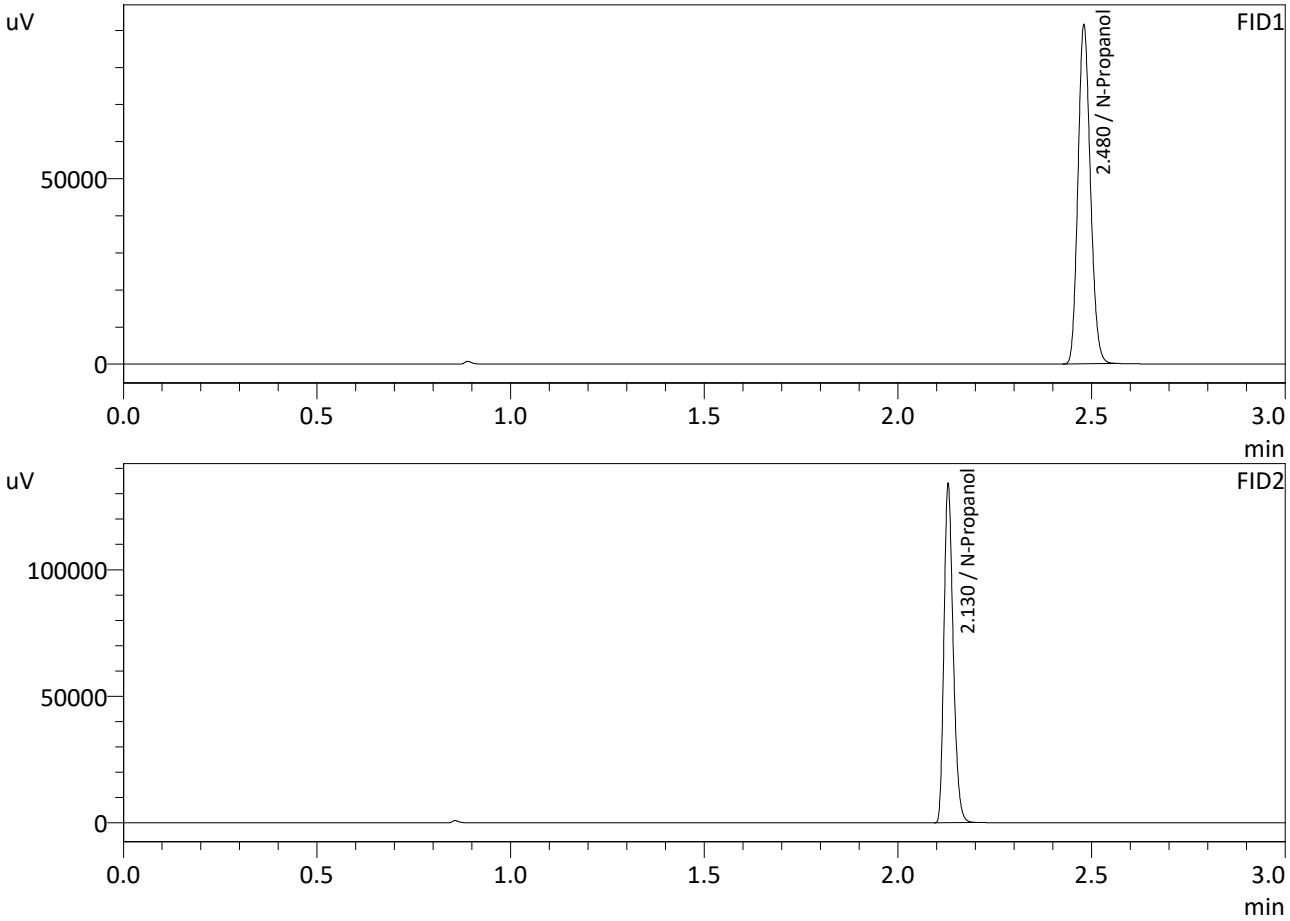
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2152	115537	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	249716	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2150	125520	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	272108	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name	: INT STD BLK 1
Laboratory	: Meridian
Injection Date	: 12/22/2022 12:31:40 PM
Vial #	: 1
Method Filename	: C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS	: C12255750548 / C12595800409



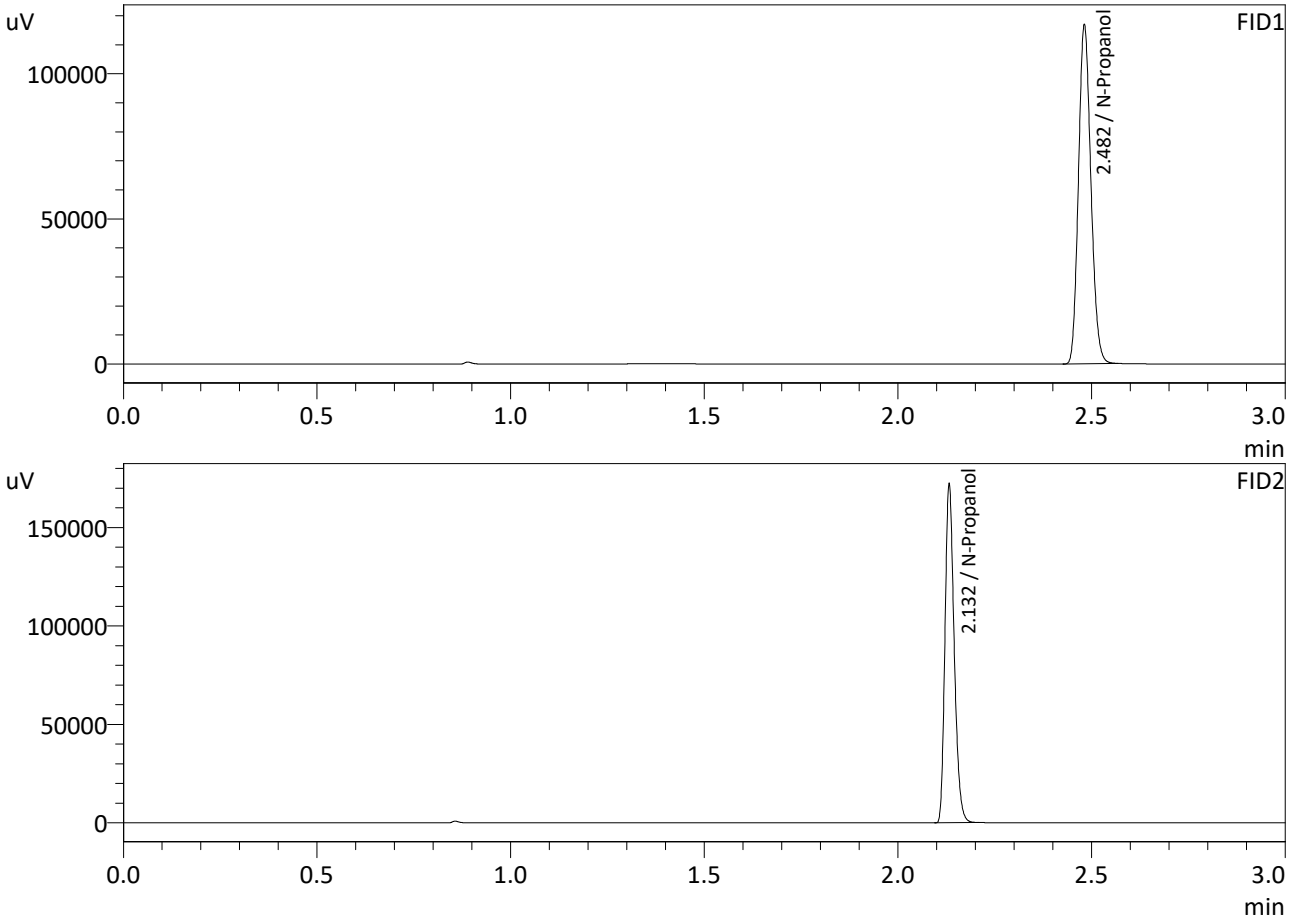
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	203569	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	221518	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK
Laboratory : Meridian
Injection Date : 12/22/2022 7:17:34 PM
Vial # : 51
Method Filename : C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



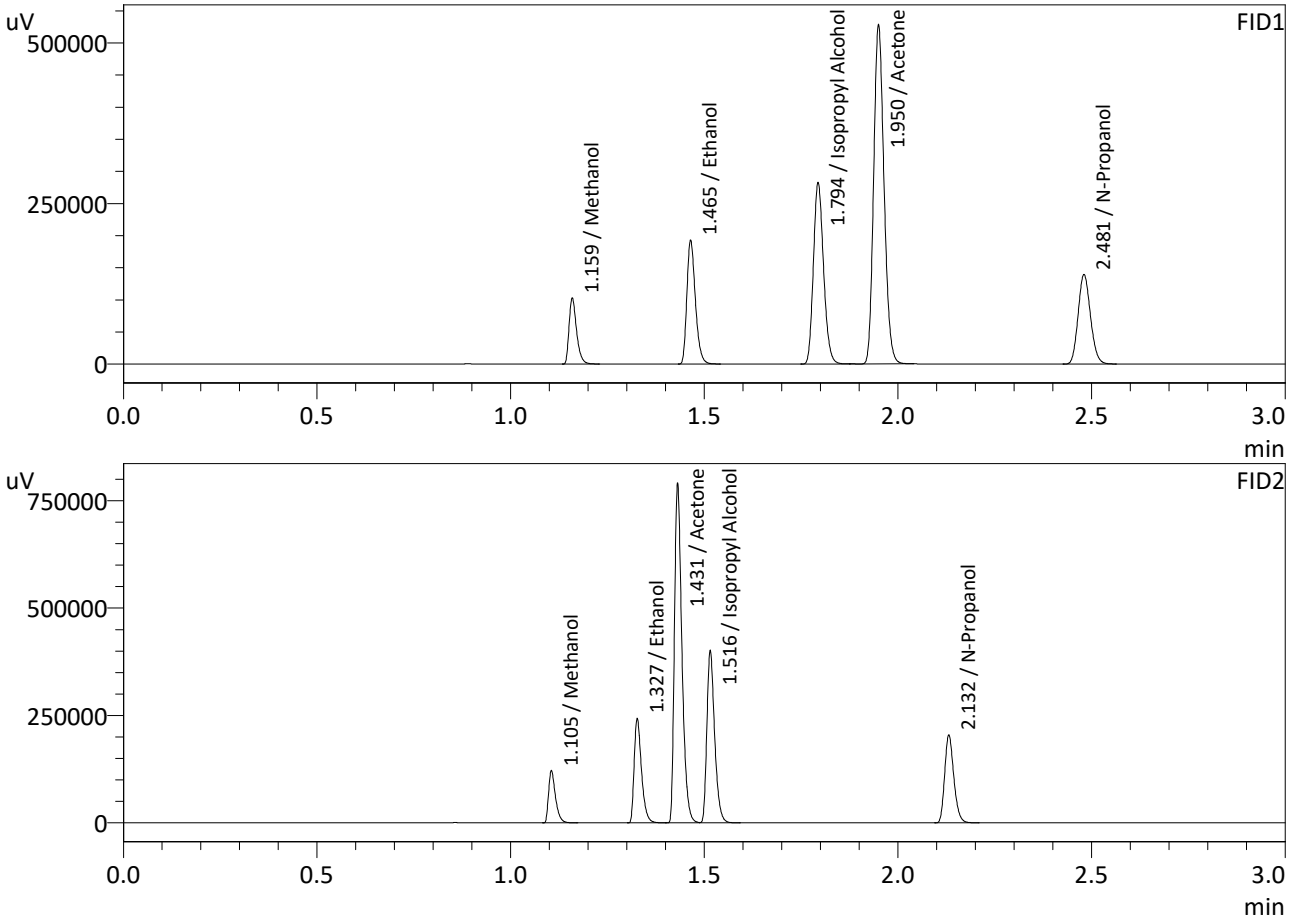
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	260400	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	284087	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name	: MIXED VOLATILES FN 06041902
Laboratory	: Meridian
Injection Date	: 12/22/2022 12:39:01 PM
Vial #	: 2
Method Filename	: C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS	: C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	138652	g/100cc
Ethanol	0.4404	294637	g/100cc
Isopropyl Alcohol	0.0000	515346	g/100cc
Acetone	0.0000	980507	g/100cc
N-Propanol	0.0000	309215	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	151035	g/100cc
Ethanol	0.4405	319524	g/100cc
Acetone	0.0000	1061084	g/100cc
Isopropyl Alcohol	0.0000	557661	g/100cc
N-Propanol	0.0000	335742	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

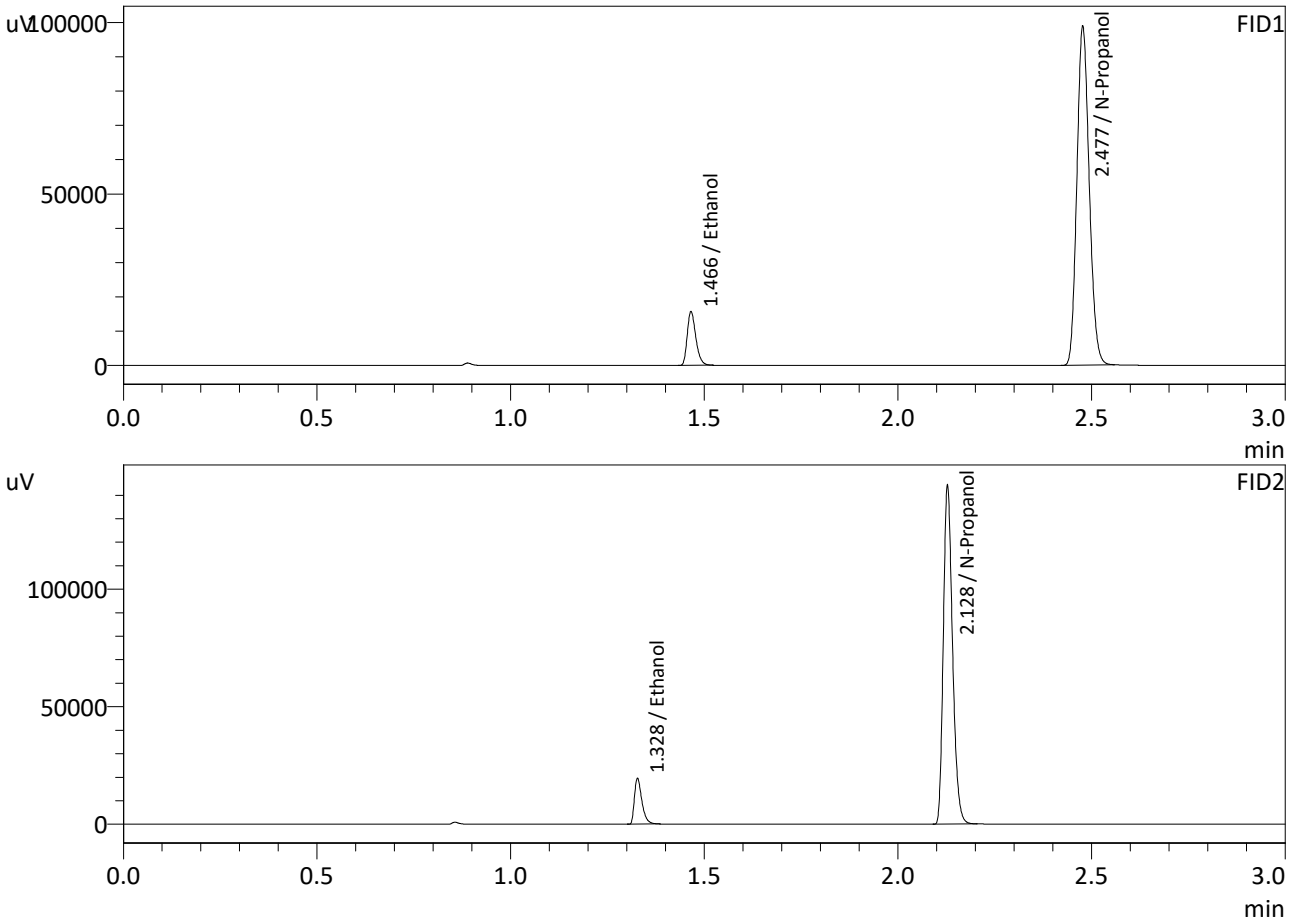
Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Software Ver. 5.99
Copyright (C) 2008-2020 Shimadzu Corporation

Vial#	Sample Name	Method File
1	INT STD BLK 1	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
2	ED VOLATILES FN 0604	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
3	QC-1-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
4	QC-1-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
5	0.08 QA-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
6	0.08 QA-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
7	M2022-5165-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
8	M2022-5165-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
9	M2022-5166-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
10	M2022-5166-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
11	M2022-5167-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
12	M2022-5167-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
13	M2022-5168-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
14	M2022-5168-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
15	M2022-5180-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
16	M2022-5180-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
17	M2022-5218-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
18	M2022-5218-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
19	M2022-5239-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
20	M2022-5239-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
21	M2022-5244-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
22	M2022-5244-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
23	M2022-5245-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
24	M2022-5245-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
25	QC-2-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
26	QC-2-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
27	M2022-5246-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
28	M2022-5246-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
29	M2022-5254-2-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
30	M2022-5254-2-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
31	M2022-5262-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
32	M2022-5262-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
33	M2022-5263-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
34	M2022-5263-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
35	M2022-5264-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
36	M2022-5264-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
37	M2022-5265-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
38	M2022-5265-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
39	M2022-5272-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
40	M2022-5272-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
41	M2022-5274-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
42	M2022-5274-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
43	M2022-5275-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
44	M2022-5275-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
45	P2022-3772-1-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
46	P2022-3772-1-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
47	QC1-2-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
48	QC1-2-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
49	QC2-2-A	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
50	QC2-2-B	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
51	INT STD BLK	C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM

NB

Sample Name	: 0.050
Laboratory	: Meridian
Injection Date	: 12/15/2022 12:10:43 PM
Vial #	: 1
Method Filename	: C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS	: C12255750548 / C12595800409



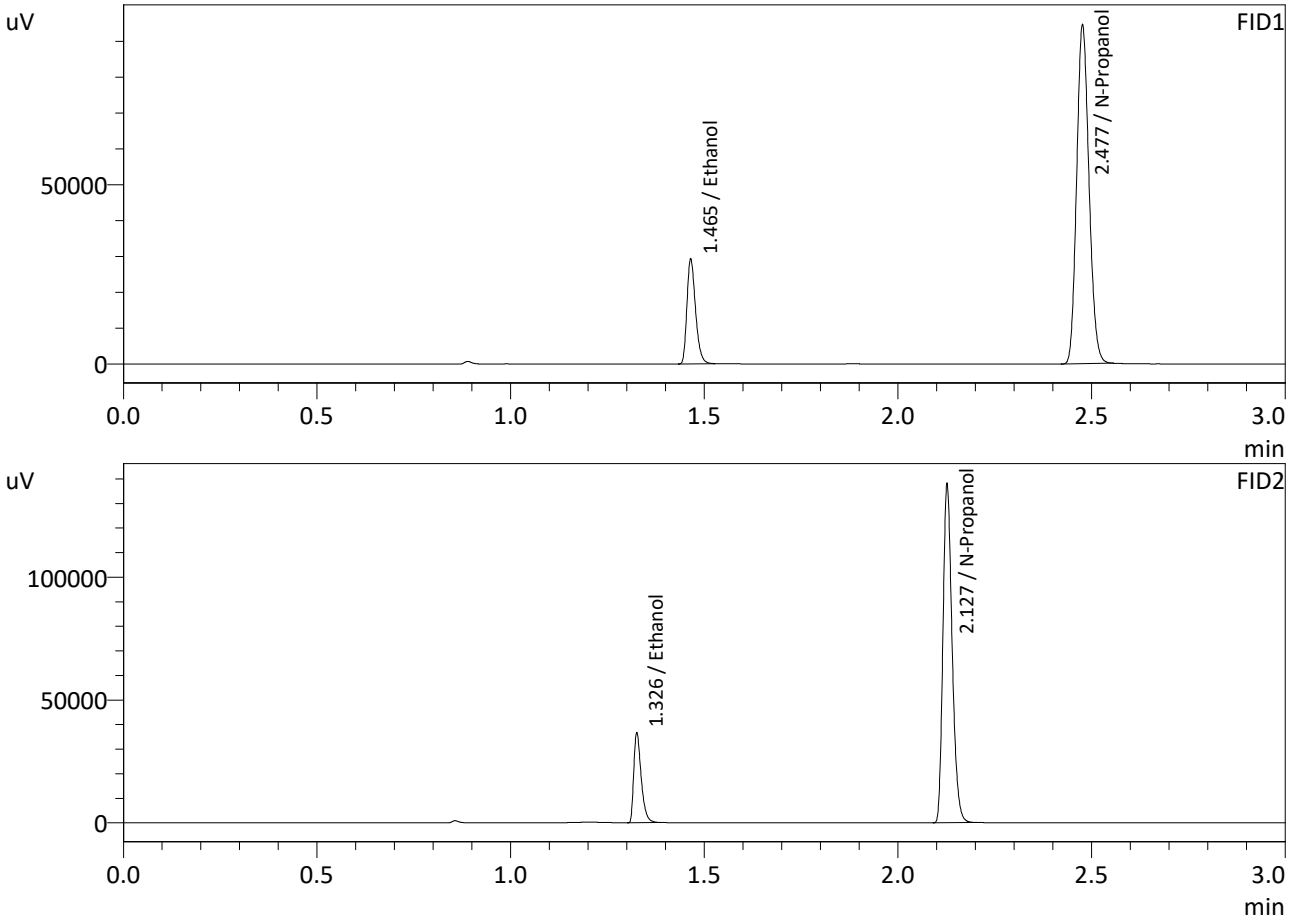
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0535	24217	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	218673	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0535	26229	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	238140	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name	: 0.100
Laboratory	: Meridian
Injection Date	: 12/15/2022 12:18:03 PM
Vial #	: 2
Method Filename	: C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS	: C12255750548 / C12595800409



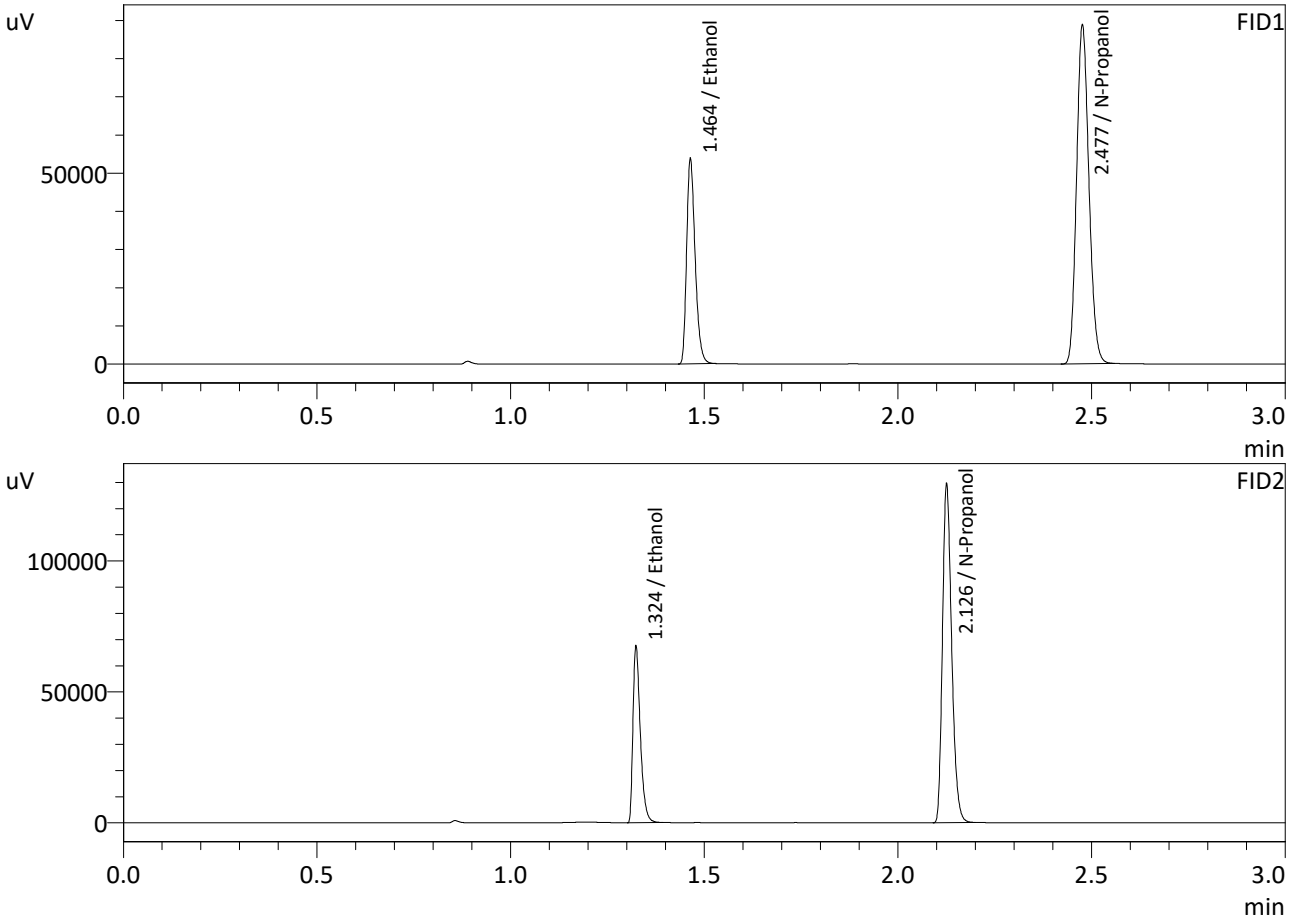
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1015	45035	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	209106	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1014	48759	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	227575	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name	: 0.200
Laboratory	: Meridian
Injection Date	: 12/15/2022 12:25:23 PM
Vial #	: 3
Method Filename	: C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS	: C12255750548 / C12595800409



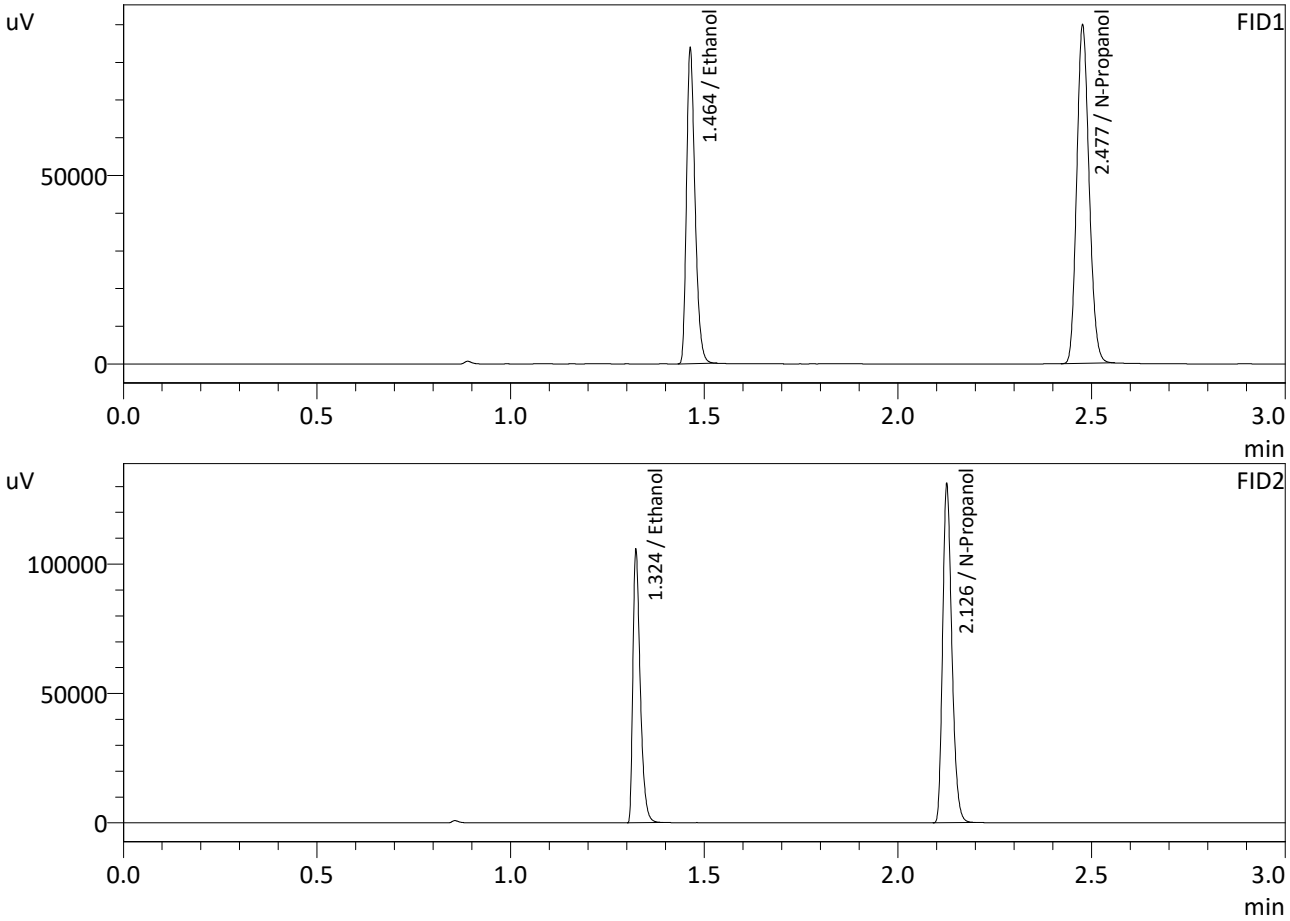
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1947	82099	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196406	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1946	88958	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	213419	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.300
Laboratory : Meridian
Injection Date : 12/15/2022 12:34:20 PM
Vial # : 4
Method Filename : C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



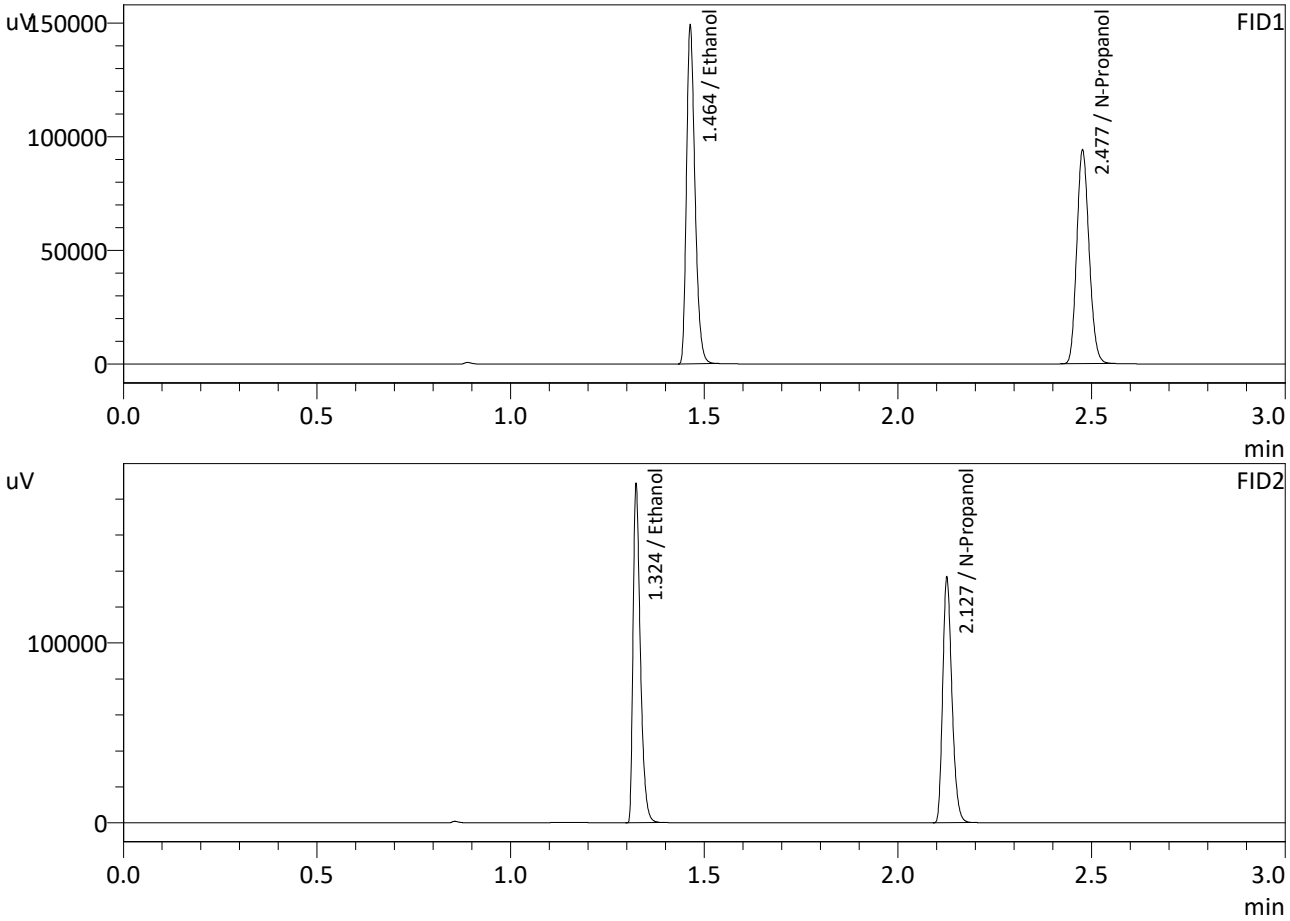
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2969	127544	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	199160	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2972	138339	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	216167	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.500
Laboratory : Meridian
Injection Date : 12/15/2022 12:41:42 PM
Vial # : 5
Method Filename : C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Instrument #GC/HS : C12255750548 / C12595800409



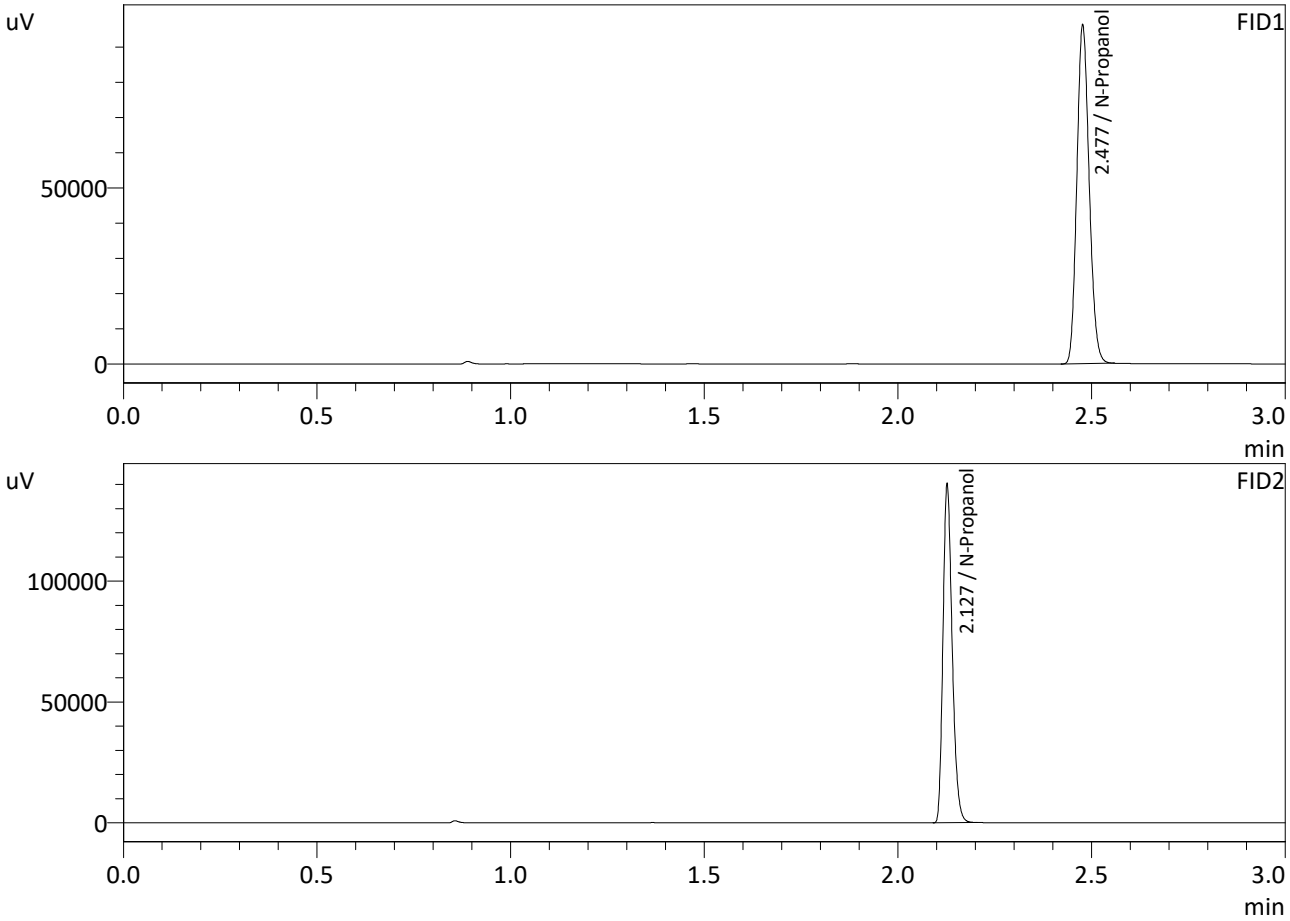
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5033	226598	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	207974	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5031	245698	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	225867	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name	: INT STD BLK
Laboratory	: Meridian
Injection Date	: 12/15/2022 12:50:23 PM
Vial #	: 6
Method Filename	: C:\LabSolutions\Data\221215\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	212589	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

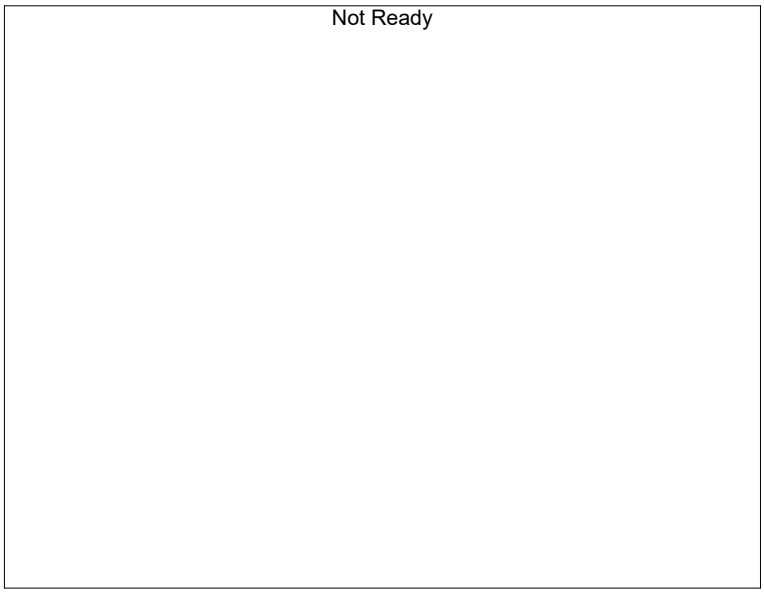
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	231422	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Calibration Table

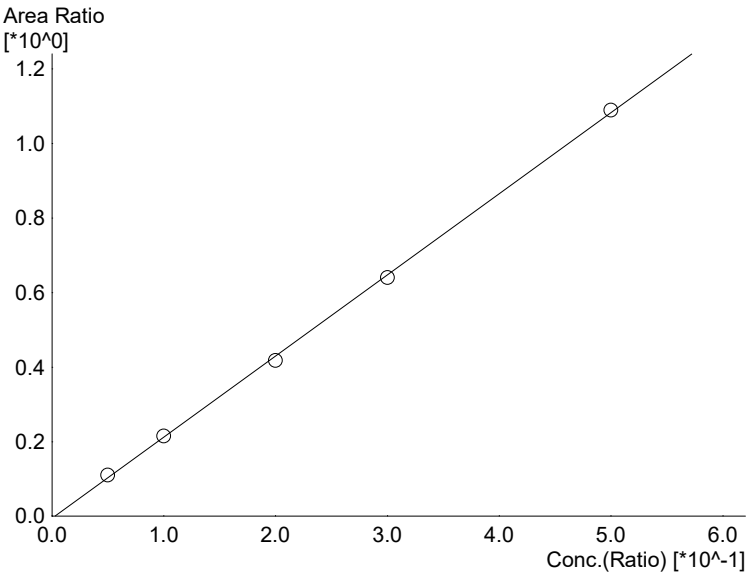
Laboratory : MERIDIAN
Instrument Name : GC-HS
Instrument Serial # : C12595800409 / C12255750548

<<Method File>>
Method File :C:\LabSolutions\Data\221215\CALIBRATION\ALCOHOL.GCM
Date Created :3/31/2021 4:25:07 PM
Date Modified :12/15/2022 1:07:31 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)=2.17606*x-0.00567682
R^2 value= 0.9995054
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	24217	0.0535
2	0.100	45035	0.1015
3	0.200	82099	0.1947
4	0.300	127544	0.2969
5	0.500	226598	0.5033

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

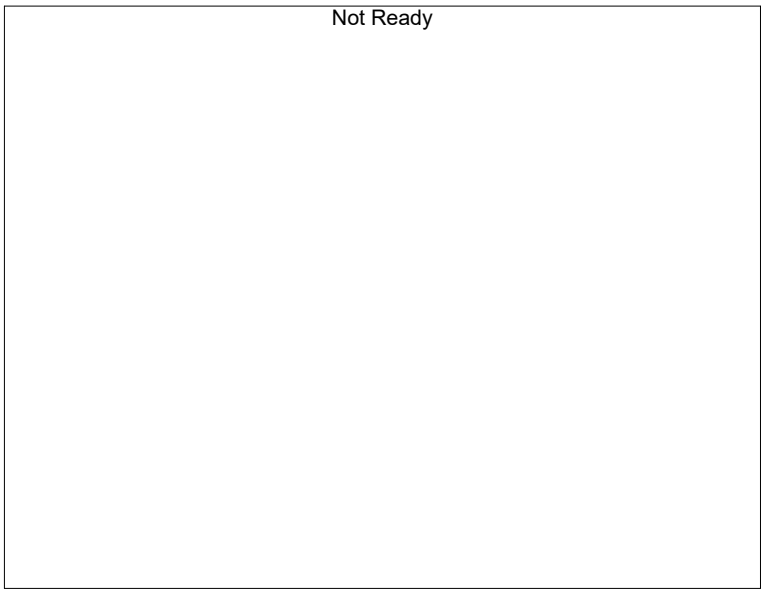
Name : Acetone
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

Not Ready

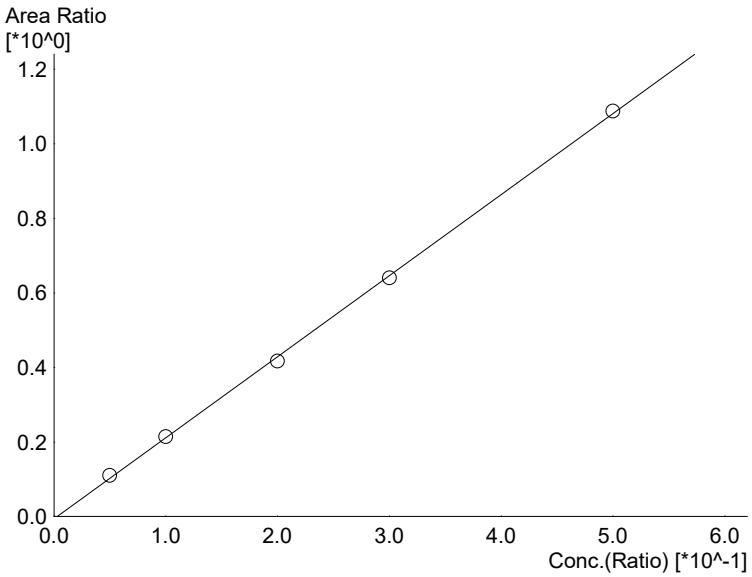
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



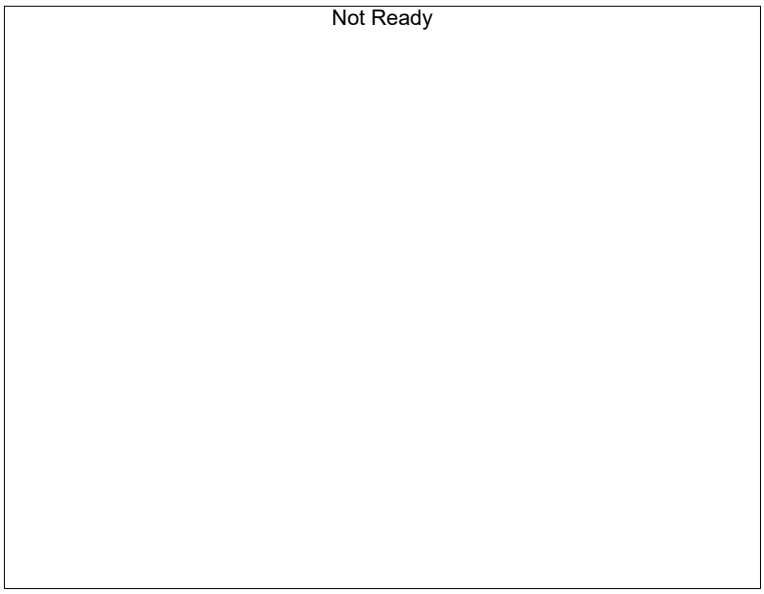
Name : Methanol
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



Name : Ethanol
Detector Name: FID2
Function : f(x)=2.17437*x-0.00631035
R^2 value= 0.9995181
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	26229	0.0535
2	0.100	48759	0.1014
3	0.200	88958	0.1946
4	0.300	138339	0.2972
5	0.500	245698	0.5031



Name : Acetone
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 : 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.

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Software Ver. 5.99
Copyright (C) 2008-2020 Shimadzu Corporation

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