REVIEWED
By Galina Giso at 9:43 am, Aug 26, 2024

8/23/2024

Worklist: 6907

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2024-3374	1	BCK	Alcohol Analysis
M2024-3375	1	BCK	Alcohol Analysis
M2024-3376	1	BCK	Alcohol Analysis
M2024-3397	1	BCK	Alcohol Analysis
M2024-3401	1	BCK	Alcohol Analysis
M2024-3418	1	BCK	Alcohol Analysis
M2024-3458	1	BCK	Alcohol Analysis
M2024-3471	1	BCK	Alcohol Analysis
M2024-3486	1	BCK	Alcohol Analysis
M2024-3487	1	BCK	Alcohol Analysis
M2024-3488	1	BCK	Alcohol Analysis
M2024-3493	1	BCK	Alcohol Analysis
M2024-3495	2	UCK	Alcohol Analysis
M2024-3496	4	BCK	Alcohol Analysis
M2024-3504	1	BCK	Alcohol Analysis
M2024-3505	1	BCK	Alcohol Analysis
M2024-3529	1	BCK	Alcohol Analysis
M2024-3531	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): 8/23/24**

Calibration Date: 8/15/24

Worklist #: 6907

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
					0.0811 g/100cc
					g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2009 g/100cc
					0.2022 g/100cc
					g/100cc

Multi-Component mixture:	Exp:	Oct. 2024	Lot #	FN06041902	
Curve Fit:		**Column 1**	0.99988	**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	0.0513	0.0512	1E-04	0.0512
100	0.100	0.090 - 0.110	0.1000	0.1003	0.0003	0.1001
200	0.200	0.180 - 0.220	0.2000	0.1997	0.0003	0.1998
300	0.300	0.270 - 0.330	0.2967	0.2967	0	0.2967
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5017	0.5018	1E-04	0.5017

Aqueous Controls

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

REVIEWED

By Galina Giso at 9:43 am, Aug 26, 2024

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

Internal Standard Monitoring Worksheet

Worklist #: **6907** **Run Date(s):** **8/23/24**

Internal Standard Solution:	Prep Date: 8/5/2024	Exp Date: 2/5/2024

Sample Name	Column 1 Value	Column 2 Value
0.080	192447	209383
0.080	193488	210589
QC1	193750	210874
QC1	197920	215035
QC1	240185	261696
QC1	239674	261014
QC1		
QC1		
QC2	213282	233058
QC2	221109	241133
QC2	239370	260890
QC2	254234	277224
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	218545.9	174836.7	262255.1
Column 2	238089.6	190471.7	285707.5

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

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA **Analysis Date(s): 8/23/2024 12:26:12 PM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0821	0.0816	0.0005	0.0818	0.0005	0.0816
(g/100cc)	0.0816	0.0811	0.0005	0.0813		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_240815NB.gcm

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

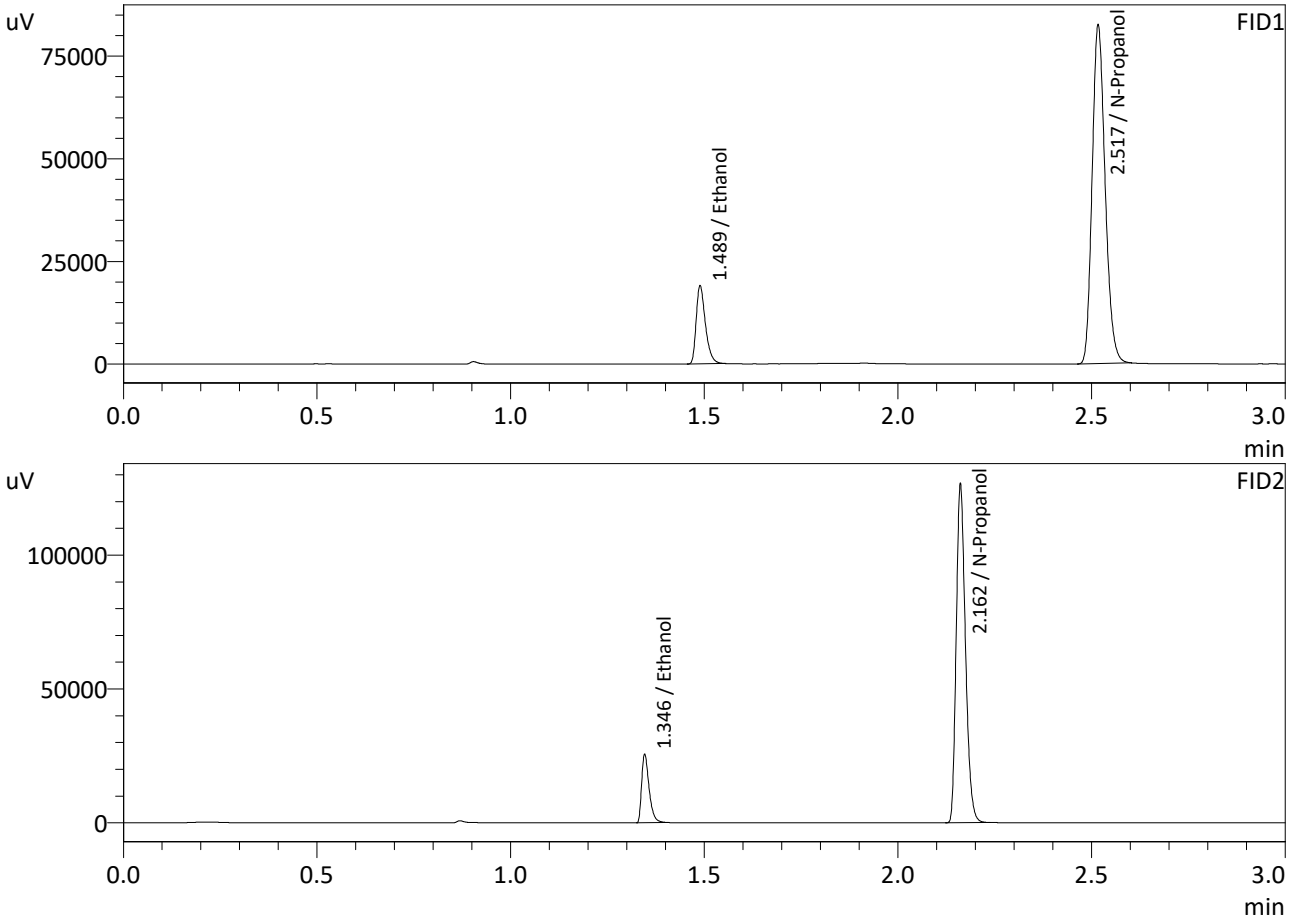
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

Reported Results
0.081

Calibration and control data are stored centrally.

NB

Sample Name : 0.08 QA
Laboratory : Meridian
Injection Date : 8/23/2024 12:26:12 PM
Vial # : 5
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

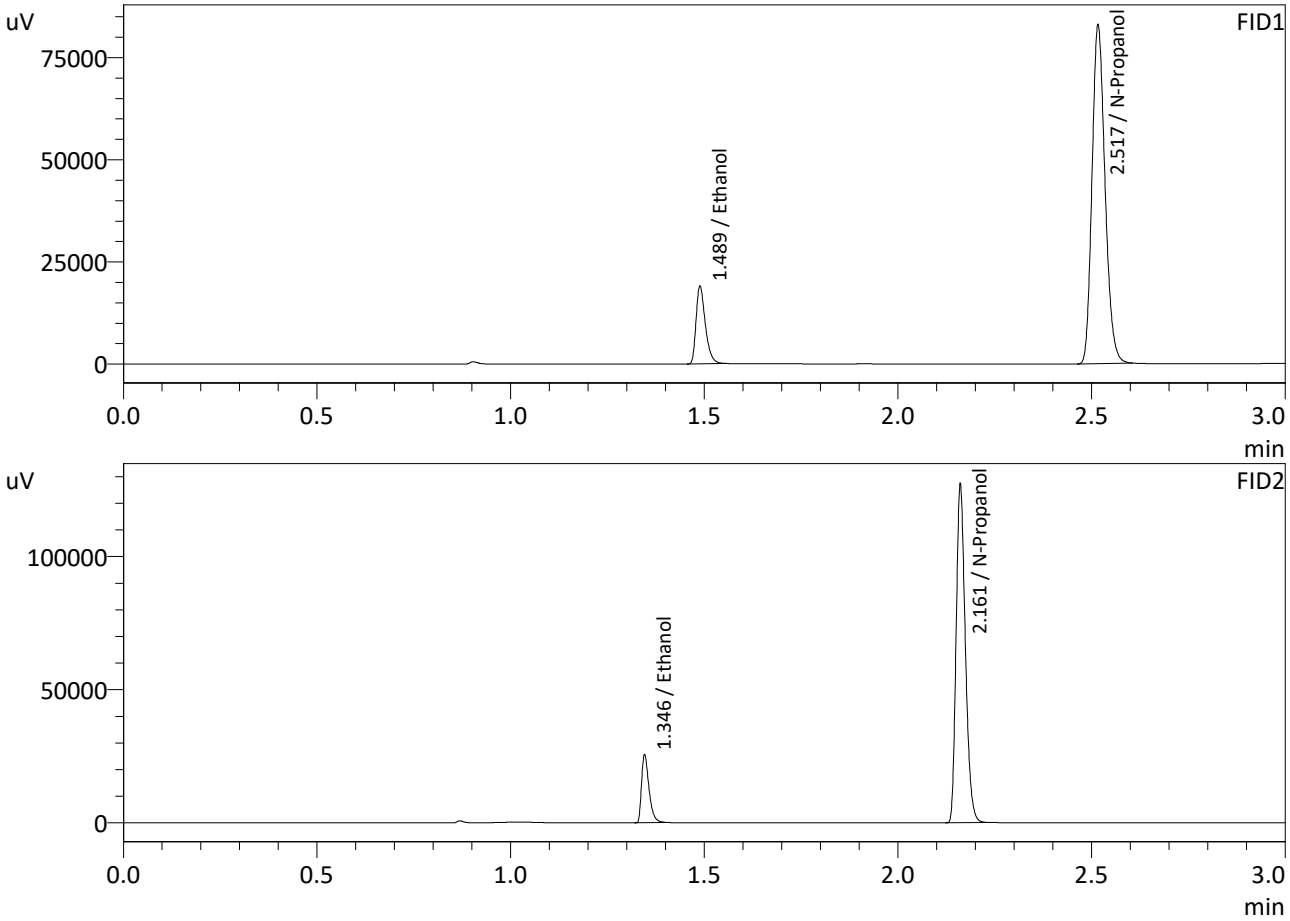
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0821	31532	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	192447	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0816	34144	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	209383	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.08 QA-B
Laboratory : Meridian
Injection Date : 8/23/2024 12:33:51 PM
Vial # : 6
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0816	31510	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	193488	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0811	34155	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	210589	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1 **Analysis Date(s): 8/23/2024 12:08:58 PM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0787	0.0781	0.0006	0.0784	0.0003	0.0782
(g/100cc)	0.0783	0.0779	0.0004	0.0781		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_240815NB.gcm

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

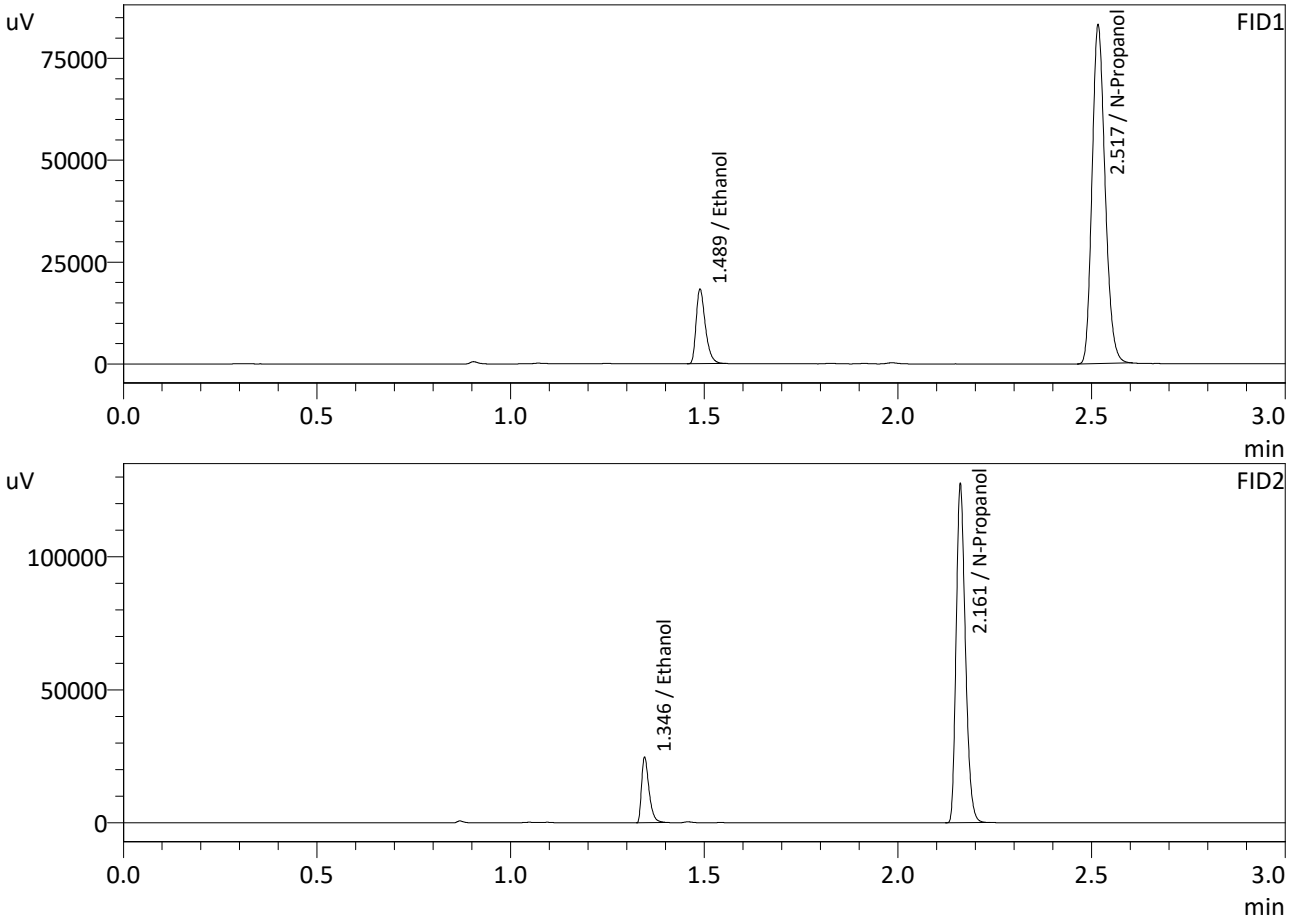
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.078	0.074	0.082	0.004

Reported Results
0.078

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-1
Laboratory : Meridian
Injection Date : 8/23/2024 12:08:58 PM
Vial # : 3
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

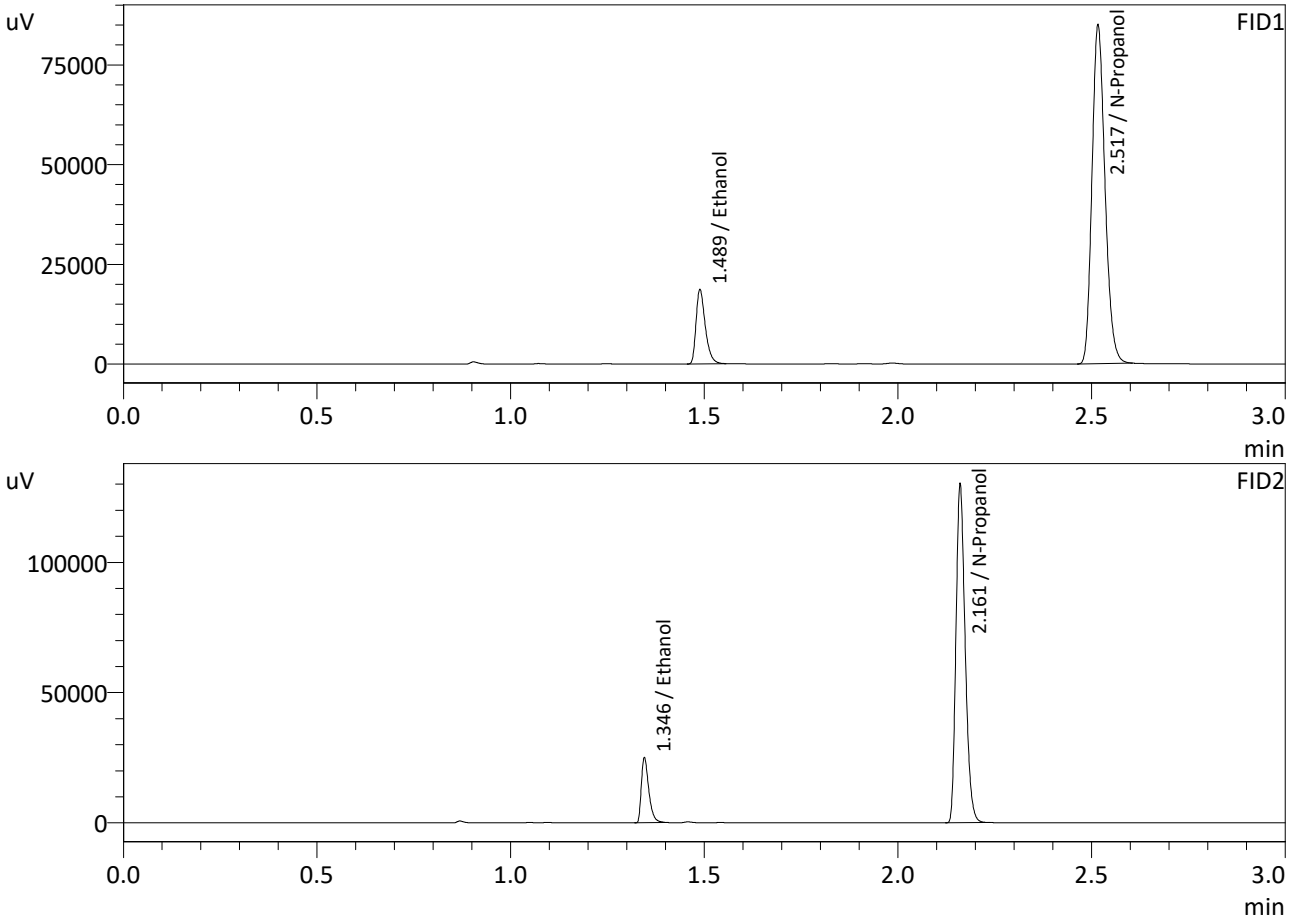
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0787	30380	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	193750	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0781	32878	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	210874	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-1-B
Laboratory : Meridian
Injection Date : 8/23/2024 12:17:45 PM
Vial # : 4
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0783	30865	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	197920	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0779	33421	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	215035	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2 **Analysis Date(s): 8/23/2024 5:55:44 PM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0818	0.0815	0.0003	0.0816	0.0009	0.0811
(g/100cc)	0.0809	0.0805	0.0004	0.0807		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_240815NB.gcm

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

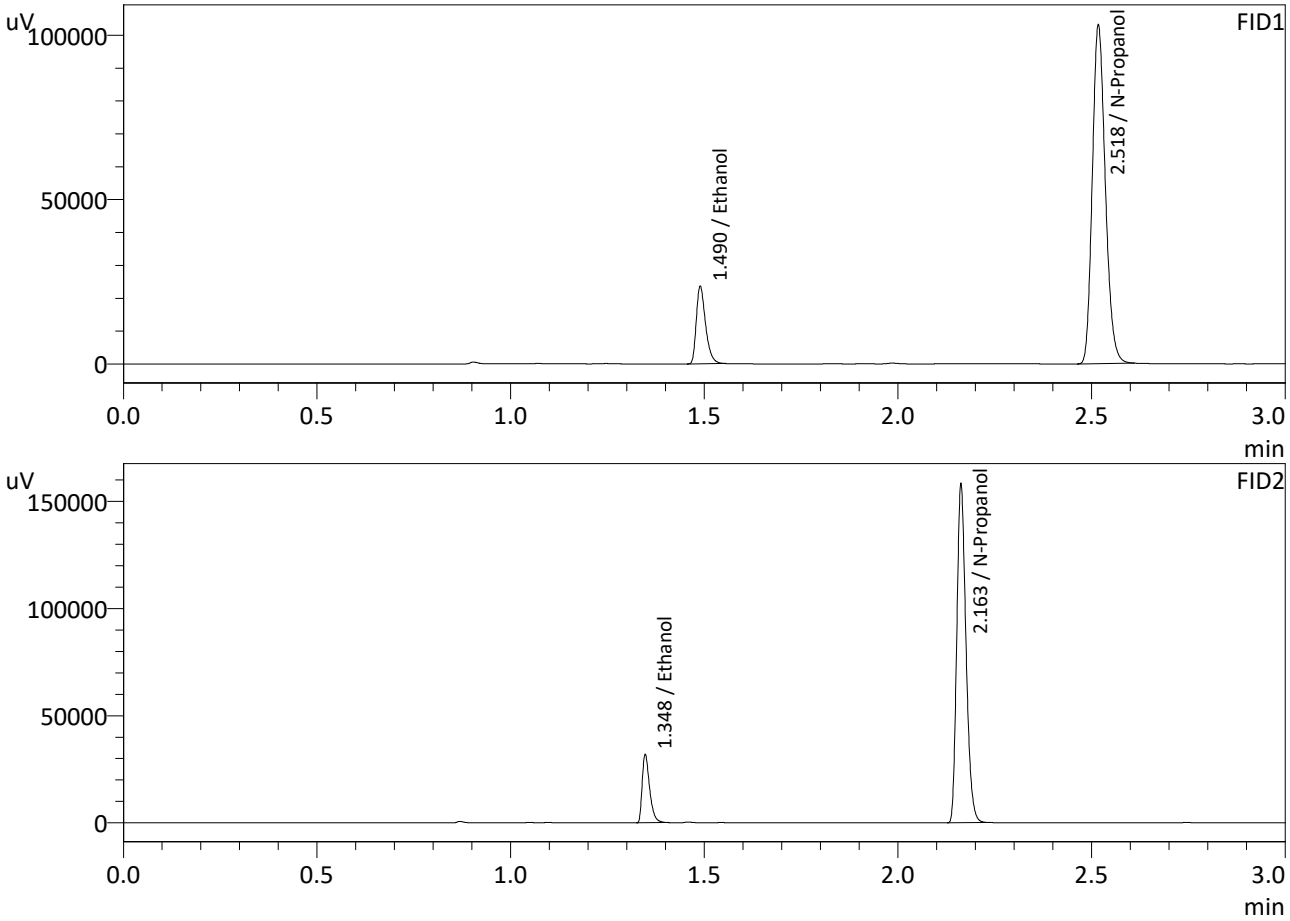
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

Reported Results
0.081

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-2
Laboratory : Meridian
Injection Date : 8/23/2024 5:55:44 PM
Vial # : 45
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

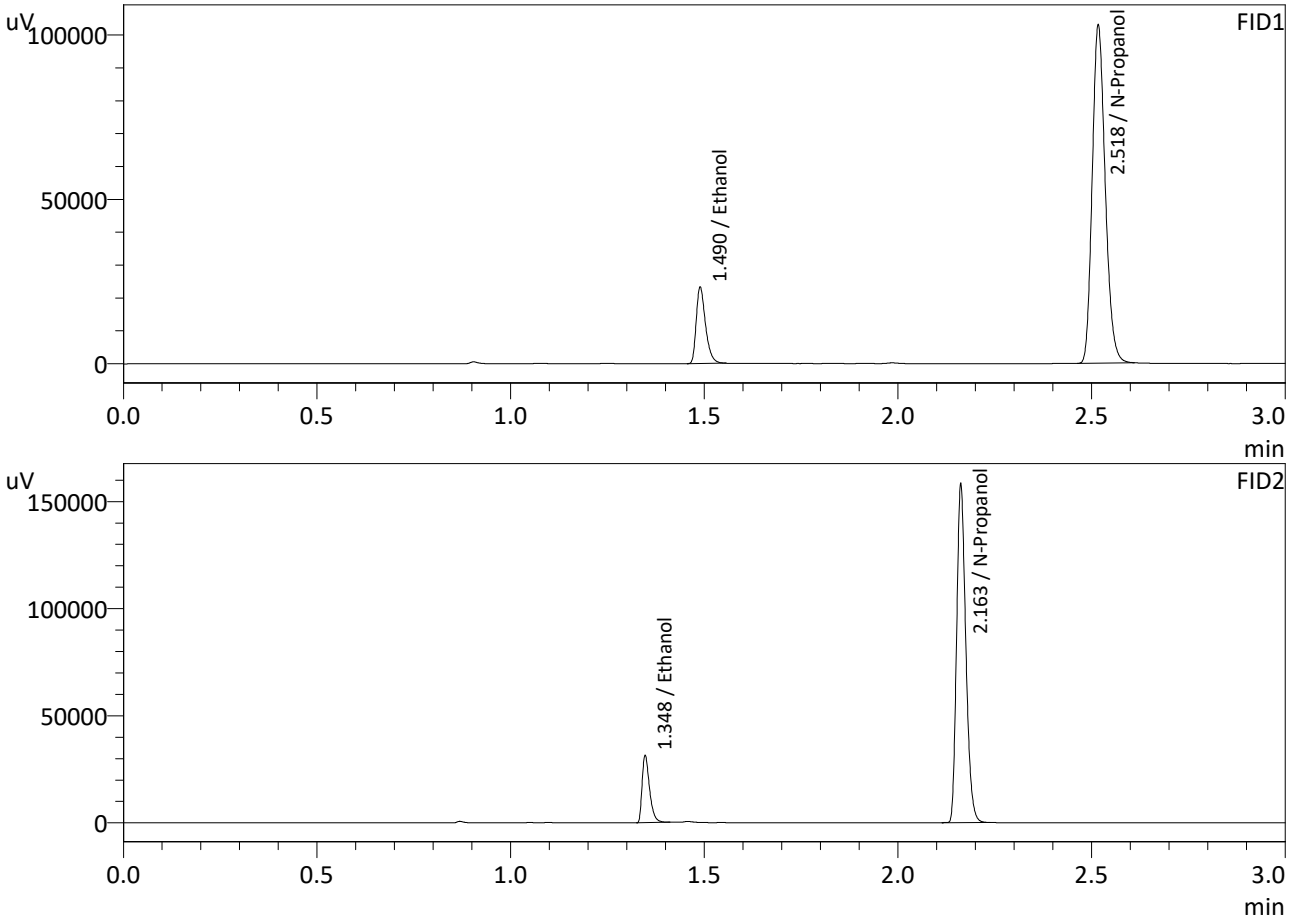
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0818	39217	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	240185	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0815	42663	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	261696	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-2-B
Laboratory : Meridian
Injection Date : 8/23/2024 6:02:57 PM
Vial # : 46
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0809	38649	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	239674	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0805	41984	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	261014	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1 **Analysis Date(s): 8/23/2024 3:10:04 PM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1998	0.2004	0.0006	0.2001	0.0016	0.2009
(g/100cc)	0.2019	0.2015	0.0004	0.2017		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_240815NB.gcm

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

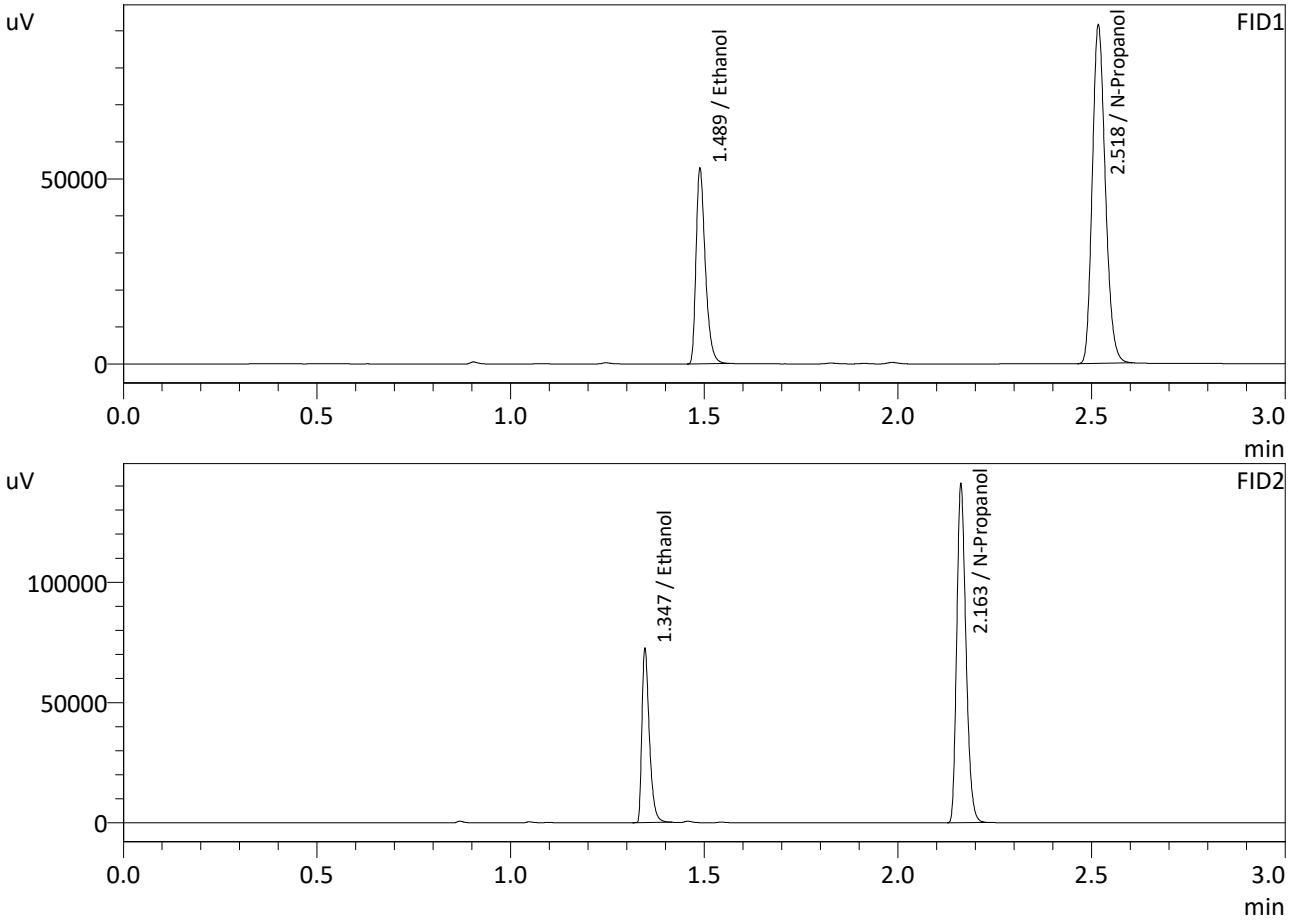
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.200	0.190	0.210	0.010

Reported Results
0.200

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-1
Laboratory : Meridian
Injection Date : 8/23/2024 3:10:04 PM
Vial # : 25
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

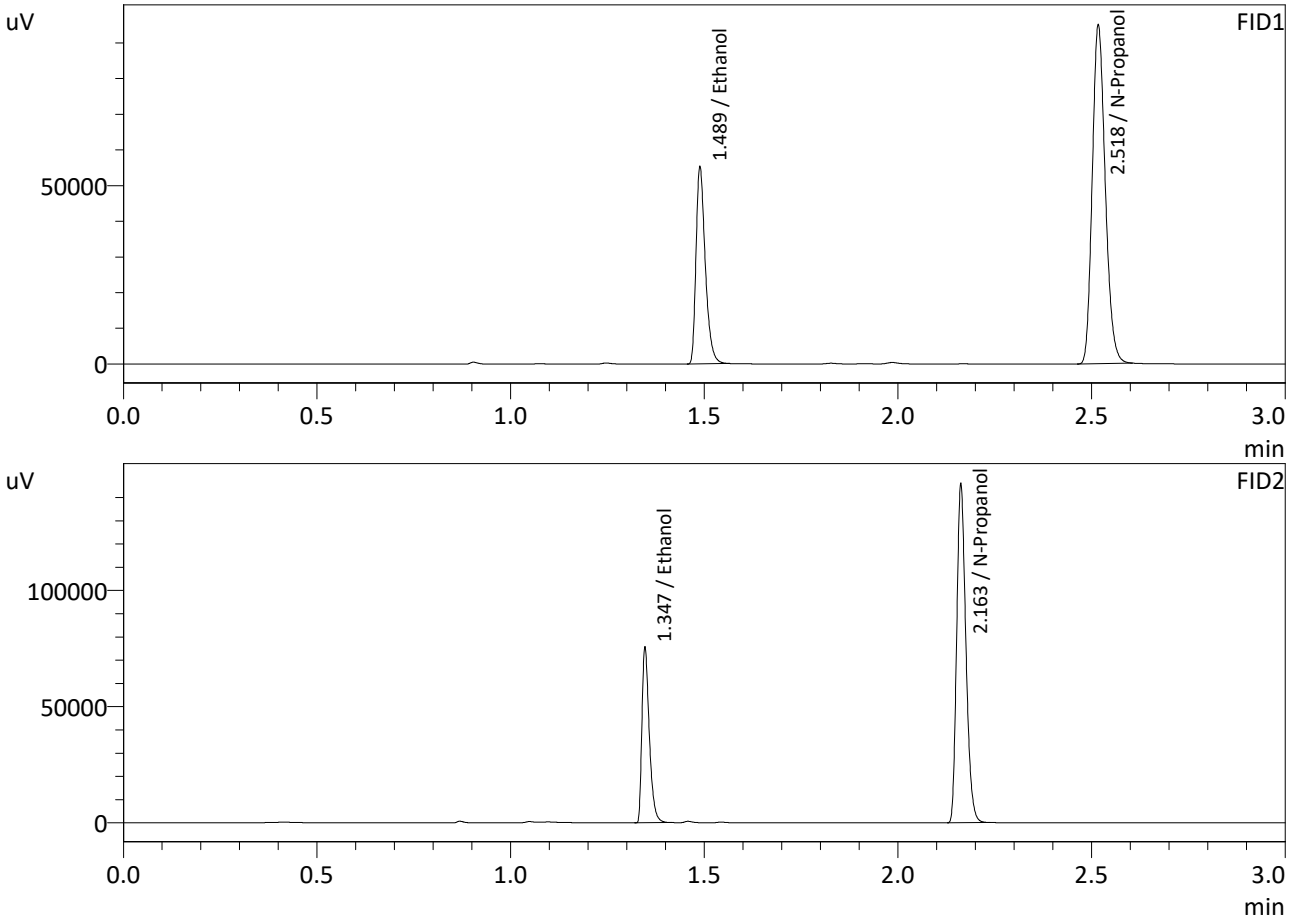
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1998	87571	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	213282	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2004	96134	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	233058	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-1-B
Laboratory : Meridian
Injection Date : 8/23/2024 3:18:18 PM
Vial # : 26
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2019	91764	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	221109	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2015	100010	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	241133	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2 **Analysis Date(s): 8/23/2024 6:11:15 PM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2020	0.2020	0.0000	0.2020	0.0004	0.2022
(g/100cc)	0.2024	0.2025	0.0001	0.2024		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_240815NB.gcm

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

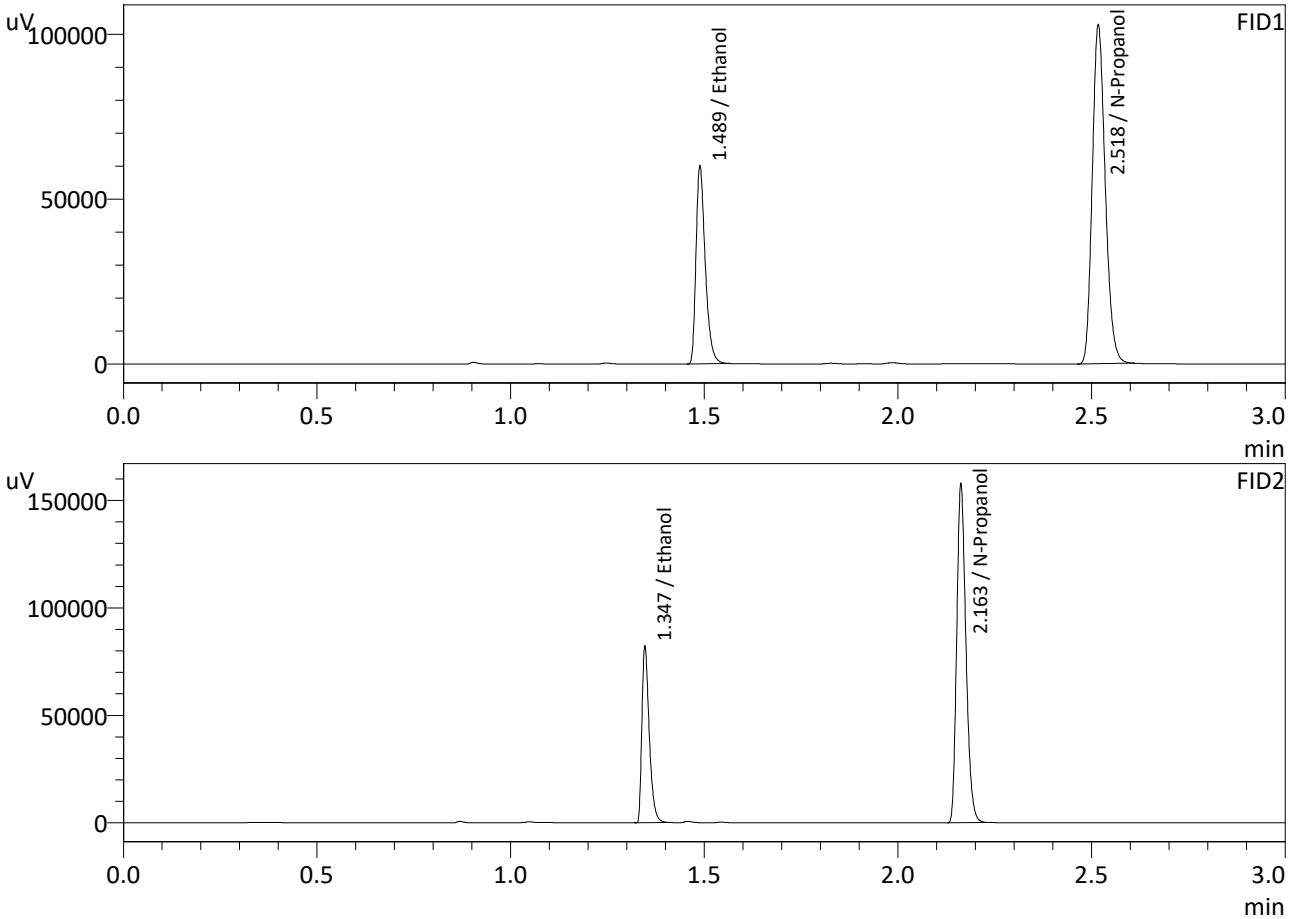
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.202	0.191	0.213	0.011

Reported Results
0.202

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-2
Laboratory : Meridian
Injection Date : 8/23/2024 6:11:15 PM
Vial # : 47
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

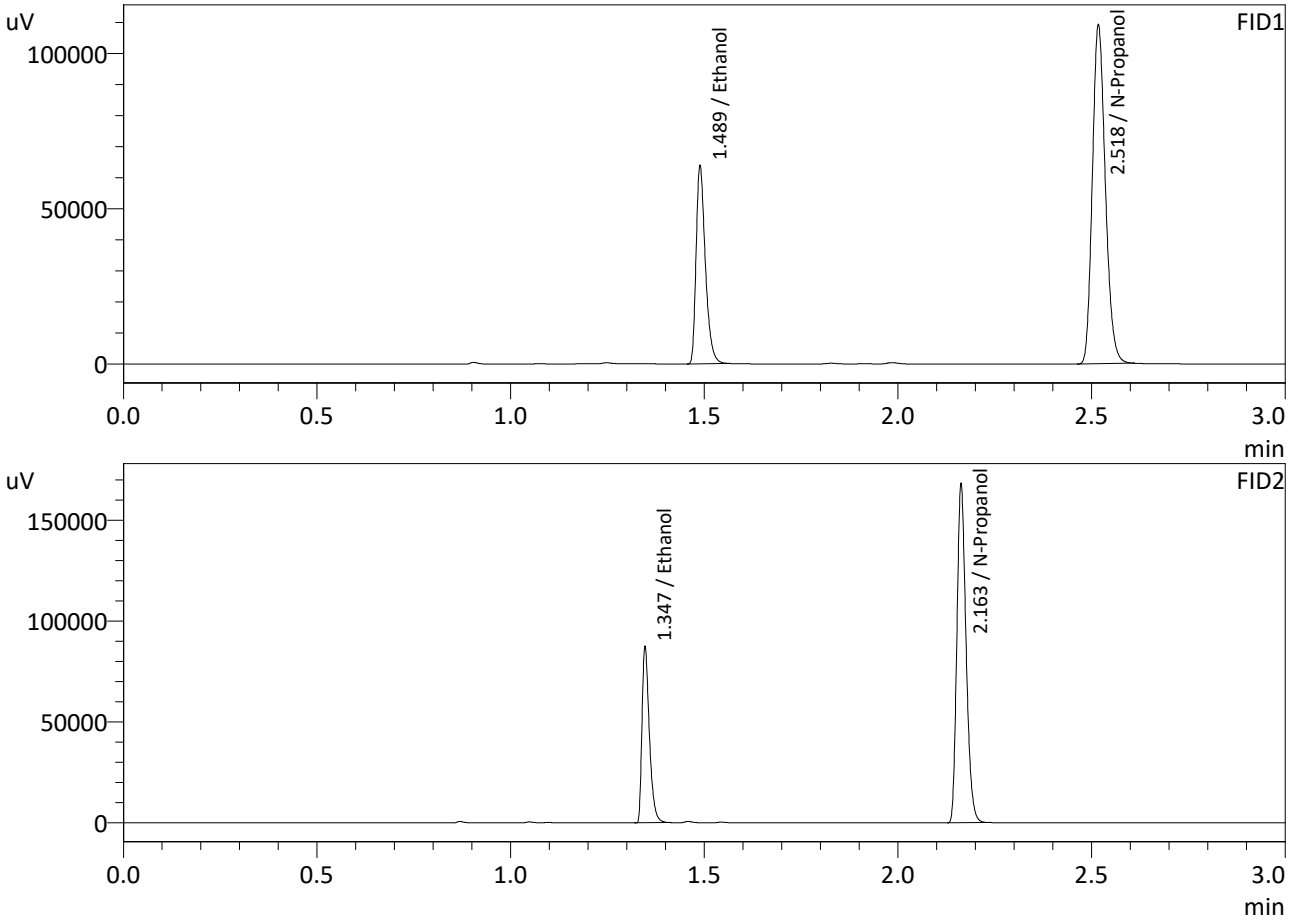
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2020	99399	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	239370	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2020	108521	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	260890	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-2-B
Laboratory : Meridian
Injection Date : 8/23/2024 6:20:46 PM
Vial # : 48
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

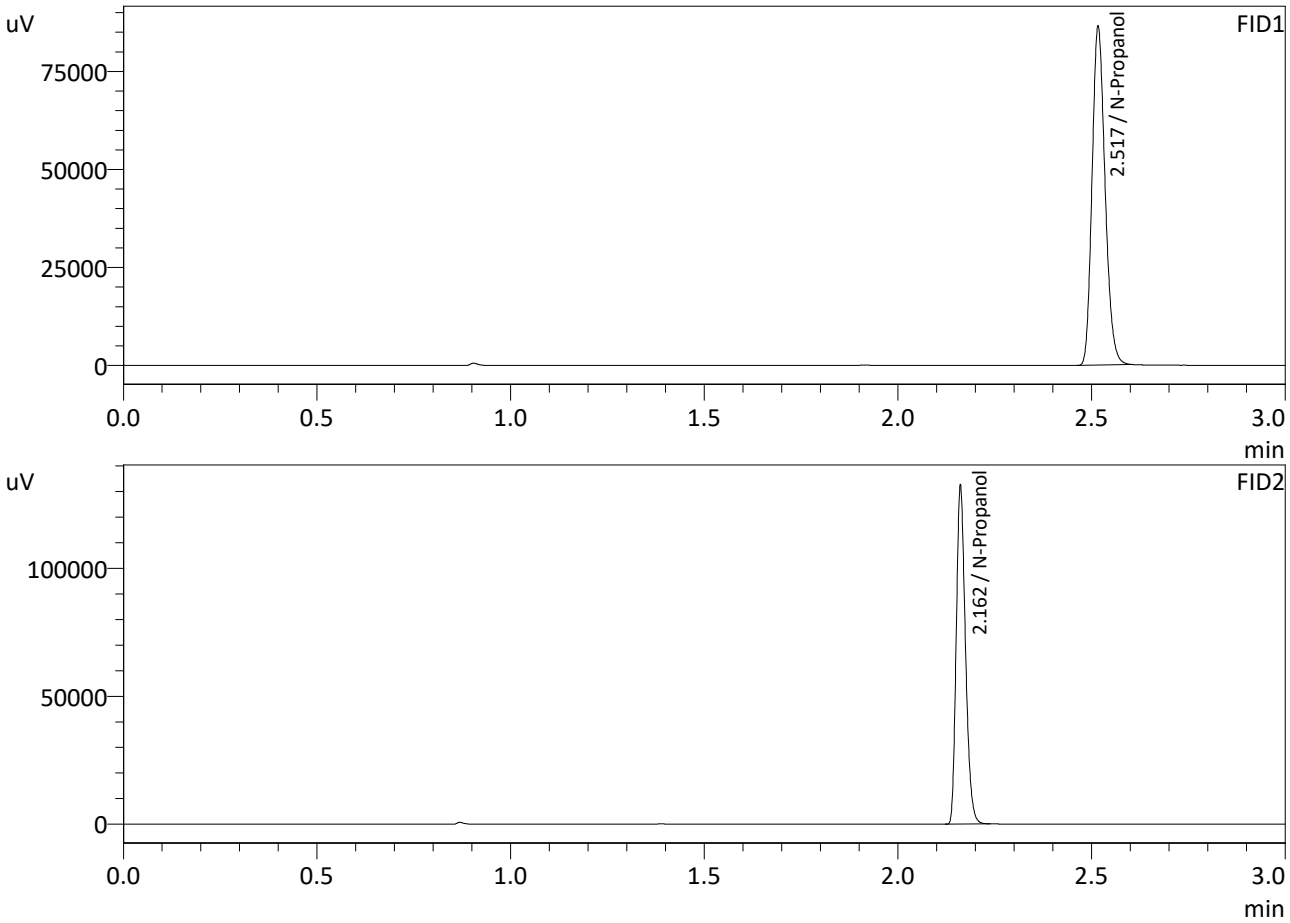
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2024	105784	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	254234	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2025	115570	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	277224	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name	: ISTD BLK 1
Laboratory	: Meridian
Injection Date	: 8/23/2024 11:54:16 AM
Vial #	: 1
Method Filename	: Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS	: C12255750548 / C12595800409



FID1

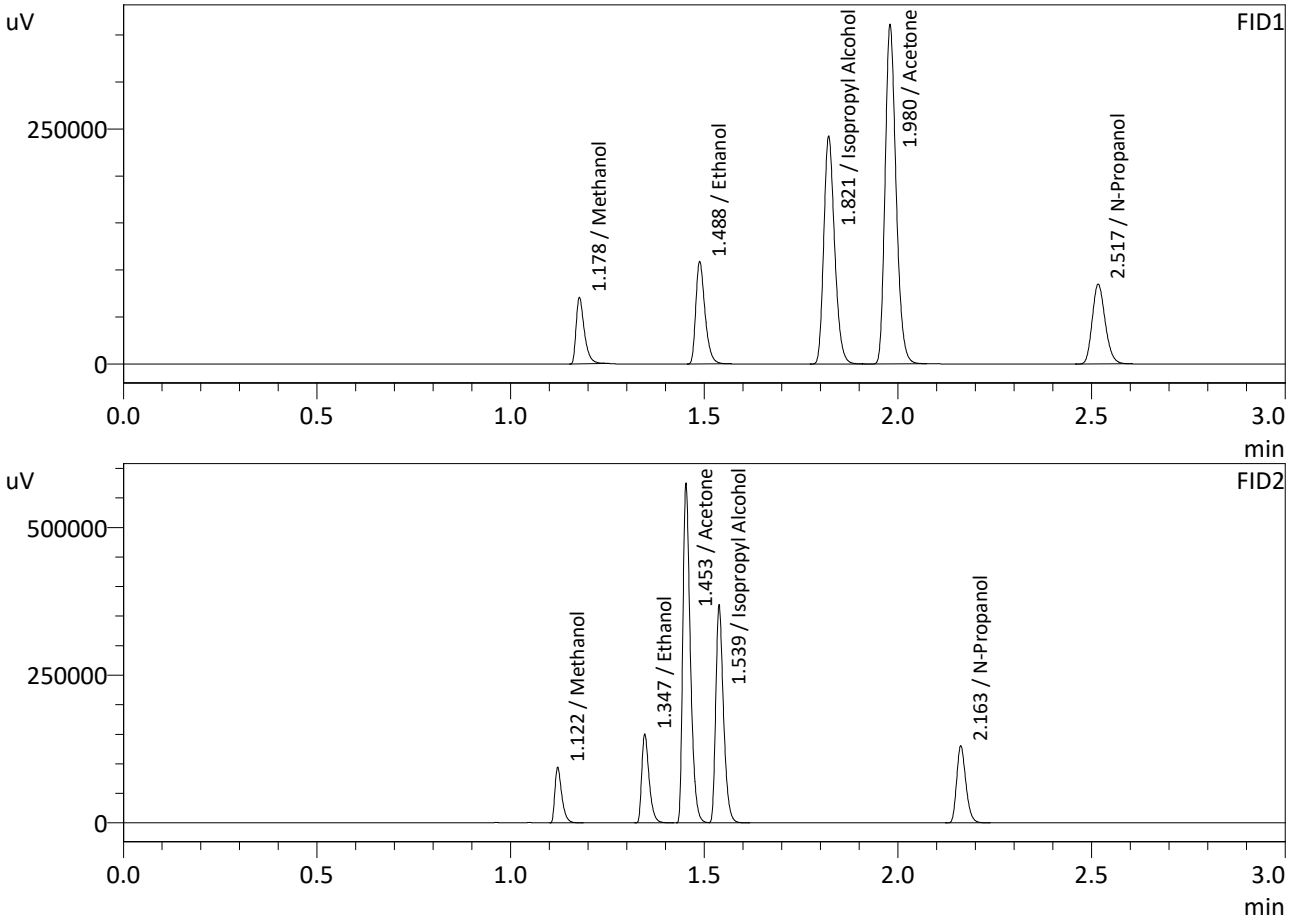
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	201622	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	219238	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name	: MIXED VOLATILES FN 06041902
Laboratory	: Meridian
Injection Date	: 8/23/2024 12:01:38 PM
Vial #	: 2
Method Filename	: Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS	: C12255750548 / C12595800409



FID1

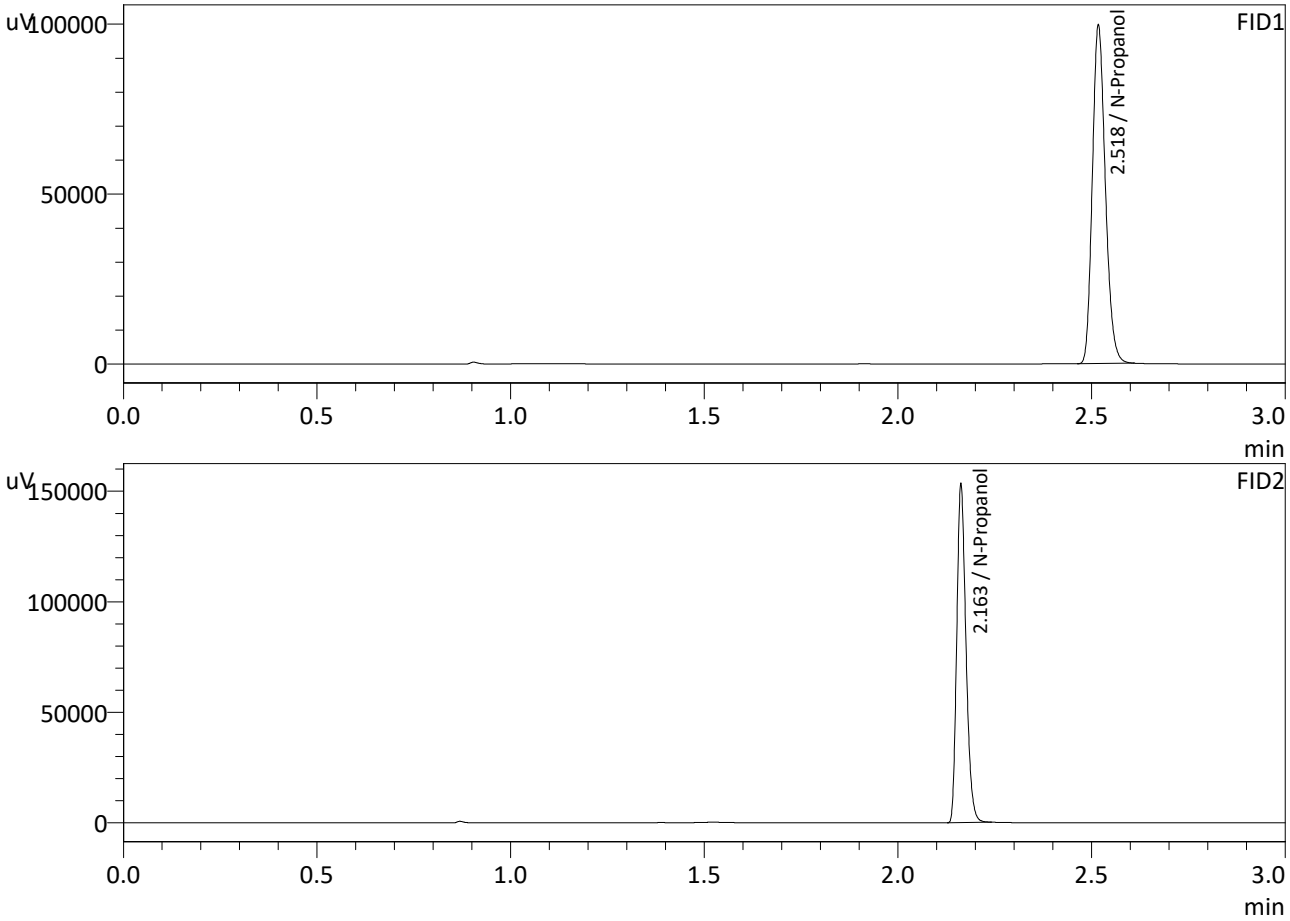
Name	Conc.	Area	Unit
Methanol	0.0000	104225	g/100cc
Ethanol	0.4386	179786	g/100cc
Isopropyl Alcohol	0.0000	469732	g/100cc
Acetone	0.0000	705709	g/100cc
N-Propanol	0.0000	197332	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	116132	g/100cc
Ethanol	0.4391	196691	g/100cc
Acetone	0.0000	770608	g/100cc
Isopropyl Alcohol	0.0000	510002	g/100cc
N-Propanol	0.0000	215321	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK 2
Laboratory : Meridian
Injection Date : 8/23/2024 6:27:55 PM
Vial # : 49
Method Filename : Default Project - ALCOHOL_240815NB.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	232022	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	253256	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Database Software Ver. 6.111

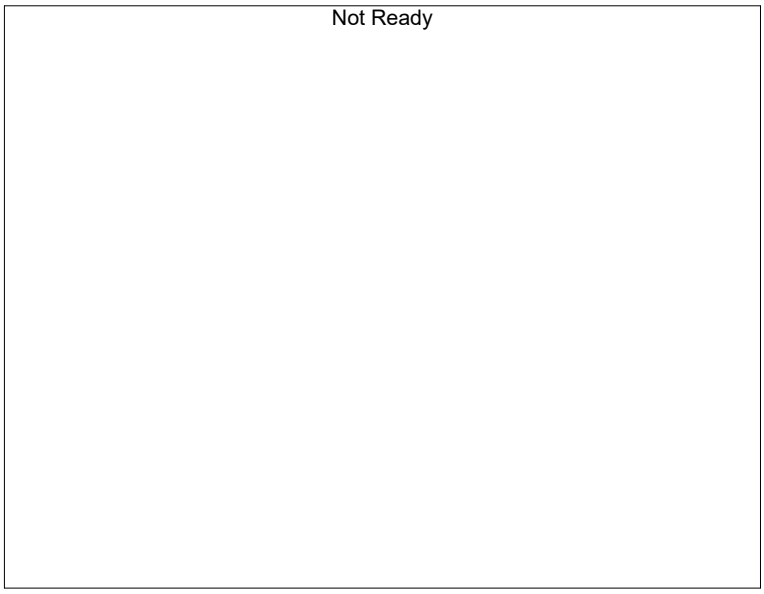
Vial#	Sample Name	Sample Type	Level#	Method File
1	ISTD BLK 1	0:Unknown	0	ALCOHOL 240815NB.gcm
2	ED VOLATILES FN 0604	0:Unknown	1	ALCOHOL 240815NB.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 240815NB.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 240815NB.gcm
6	0.08 QA-B	0:Unknown	0	ALCOHOL 240815NB.gcm
7	M2024-3374-1	0:Unknown	0	ALCOHOL 240815NB.gcm
8	M2024-3374-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
9	M2024-3375-1	0:Unknown	0	ALCOHOL 240815NB.gcm
10	M2024-3375-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
11	M2024-3376-1	0:Unknown	0	ALCOHOL 240815NB.gcm
12	M2024-3376-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
13	M2024-3397-1	0:Unknown	0	ALCOHOL 240815NB.gcm
14	M2024-3397-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
15	M2024-3401-1	0:Unknown	0	ALCOHOL 240815NB.gcm
16	M2024-3401-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
17	M2024-3418-1	0:Unknown	0	ALCOHOL 240815NB.gcm
18	M2024-3418-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
19	M2024-3458-1	0:Unknown	0	ALCOHOL 240815NB.gcm
20	M2024-3458-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
21	M2024-3471-1	0:Unknown	0	ALCOHOL 240815NB.gcm
22	M2024-3471-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
23	M2024-3486-1	0:Unknown	0	ALCOHOL 240815NB.gcm
24	M2024-3486-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 240815NB.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
27	M2024-3487-1	0:Unknown	0	ALCOHOL 240815NB.gcm
28	M2024-3487-1B	0:Unknown	0	ALCOHOL 240815NB.gcm
29	M2024-3488-1	0:Unknown	0	ALCOHOL 240815NB.gcm
30	M2024-3488-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
31	M2024-3493-1	0:Unknown	0	ALCOHOL 240815NB.gcm
32	M2024-3493-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
33	M2024-3495-2	0:Unknown	0	ALCOHOL 240815NB.gcm
34	M2024-3495-2-B	0:Unknown	0	ALCOHOL 240815NB.gcm
35	M2024-3496-4	0:Unknown	0	ALCOHOL 240815NB.gcm
36	M2024-3496-4-B	0:Unknown	0	ALCOHOL 240815NB.gcm
37	M2024-3504-1	0:Unknown	0	ALCOHOL 240815NB.gcm
38	M2024-3504-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
39	M2024-3505-1	0:Unknown	0	ALCOHOL 240815NB.gcm
40	M2024-3505-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
41	M2024-3529-1	0:Unknown	0	ALCOHOL 240815NB.gcm
42	M2024-3529-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
43	M2024-3531-1	0:Unknown	0	ALCOHOL 240815NB.gcm
44	M2024-3531-1-B	0:Unknown	0	ALCOHOL 240815NB.gcm
45	QC-1-2	0:Unknown	0	ALCOHOL 240815NB.gcm
46	QC-1-2-B	0:Unknown	0	ALCOHOL 240815NB.gcm
47	QC-2-2	0:Unknown	0	ALCOHOL 240815NB.gcm
48	QC-2-2-B	0:Unknown	0	ALCOHOL 240815NB.gcm
49	ISTD BLK 2	0:Unknown	0	ALCOHOL 240815NB.gcm

NB

Calibration Table

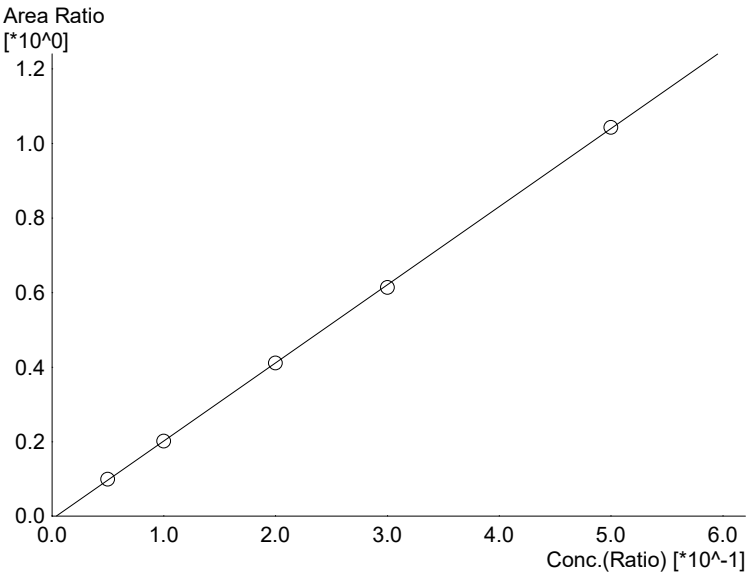
Laboratory : MERIDIAN
Instrument Name : GC-BAC
Instrument Serial # : C12595800409 / C12255750548

<<Method File>>
Method File :Default Project - ALCOHOL_240815NB.gcm
Date Created :8/15/2024 9:05:33 AM
Date Modified :8/16/2024 9:34:52 AM



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)=2.09577*x-0.00830164
R^2 value= 0.9998789
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	19390	0.0513
2	0.100	39163	0.1000
3	0.200	80001	0.2000
4	0.300	117920	0.2967
5	0.500	212410	0.5017

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

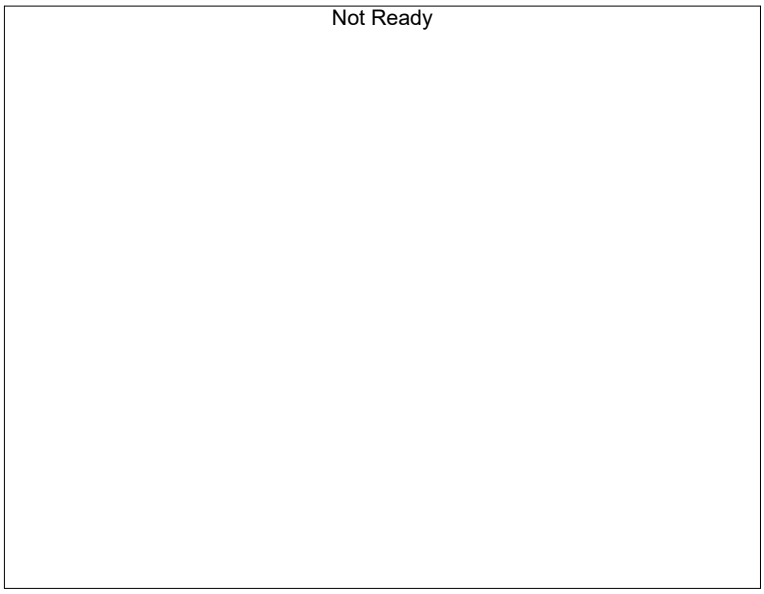
#	Conc.	Area	Std. Conc.

Not Ready

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

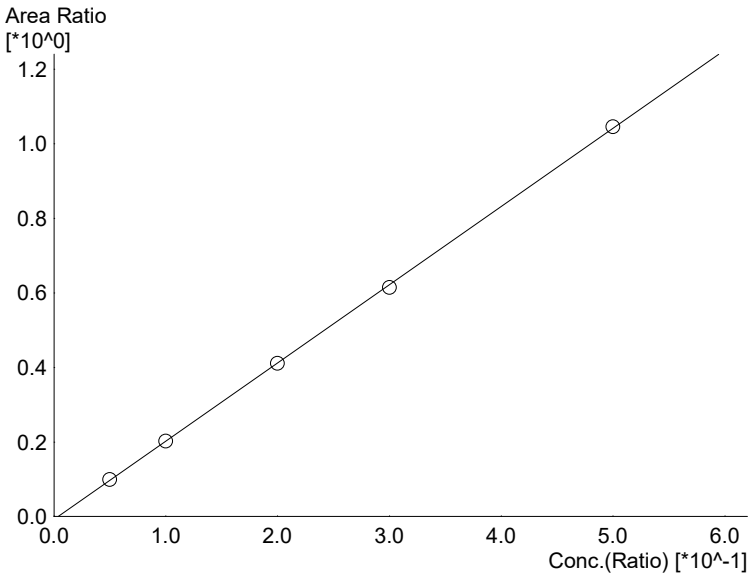
#	Conc.	Area	Std. Conc.

NB



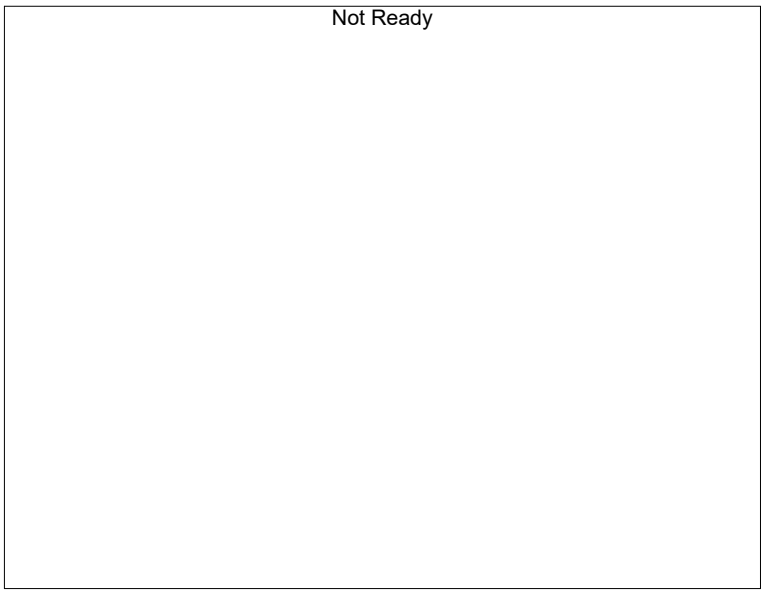
Name : Methanol
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



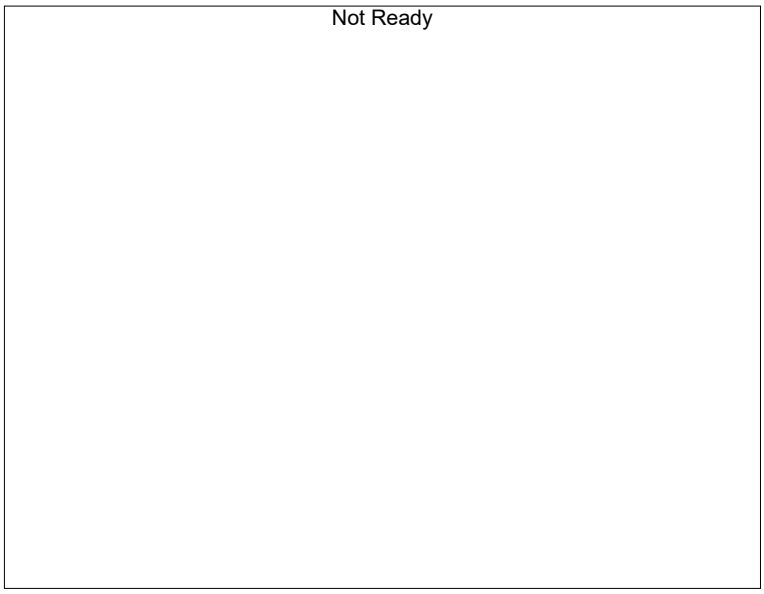
Name : Ethanol
Detector Name: FID2
Function : f(x)=2.09898*x-0.00821355
R^2 value= 0.9998738
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	21061	0.0512
2	0.100	42765	0.1003
3	0.200	86918	0.1997
4	0.300	128293	0.2967
5	0.500	231239	0.5018



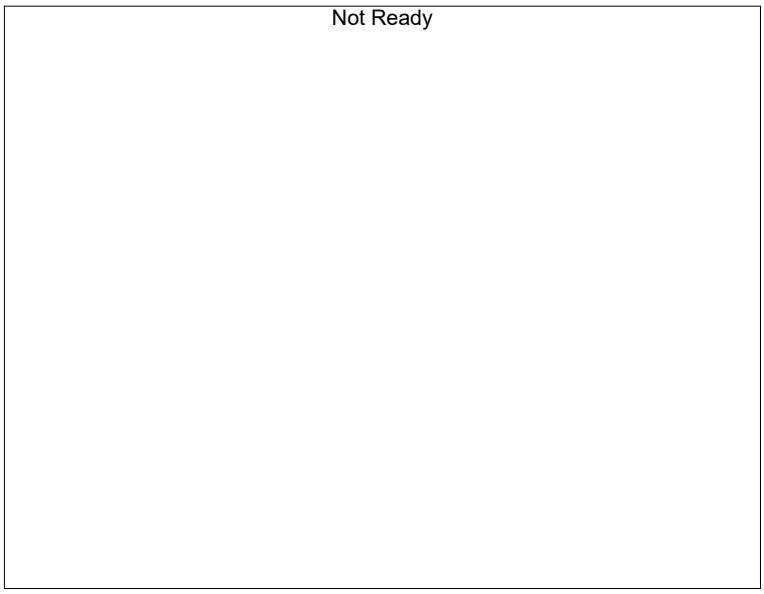
Name : Acetone
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



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

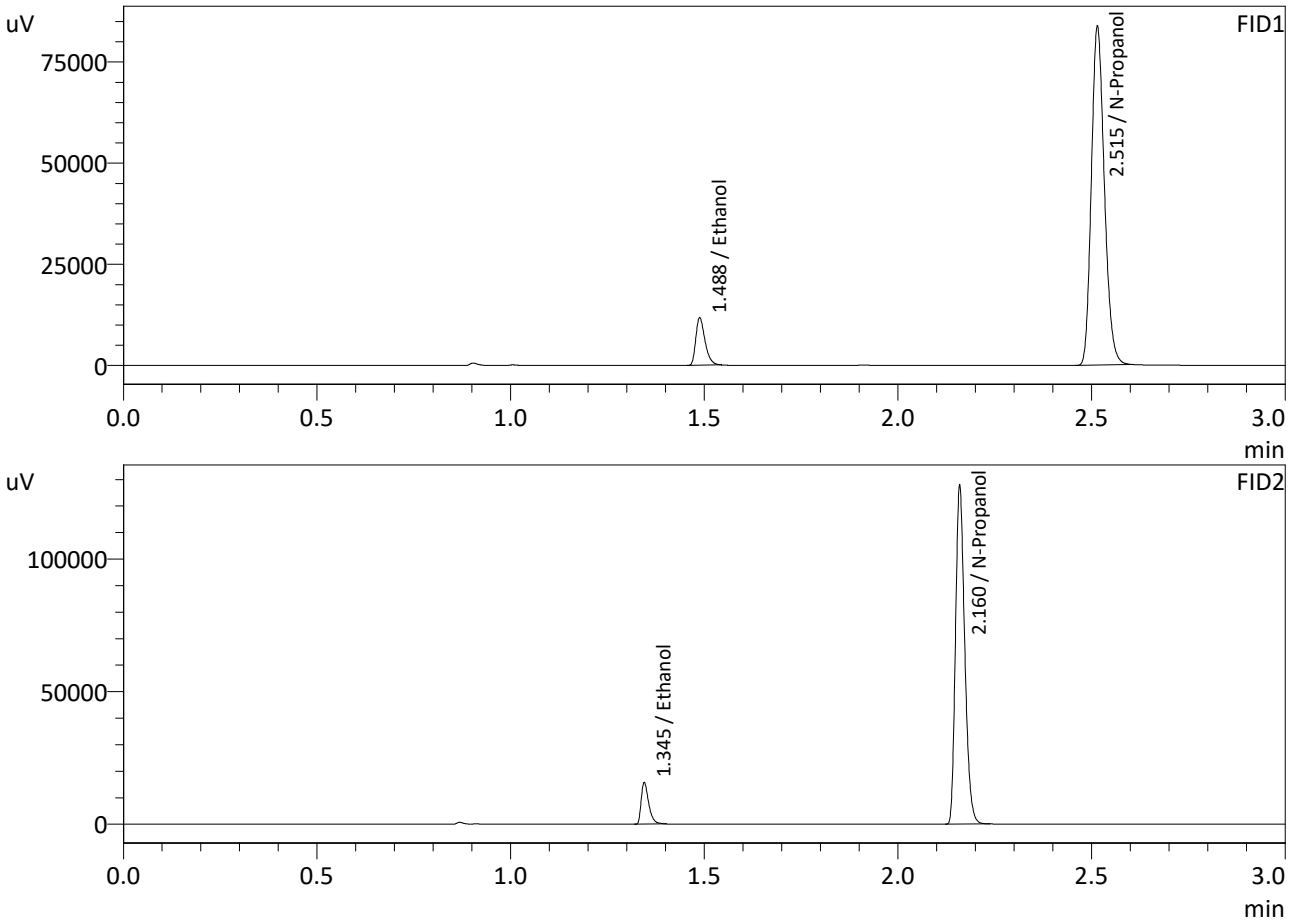
#	Conc.	Area	Std. Conc.



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

#	Conc.	Area	Std. Conc.

Sample Name : 0.050
Laboratory : Meridian
Injection Date : 8/15/2024 12:13:25 PM
Vial # : 1
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

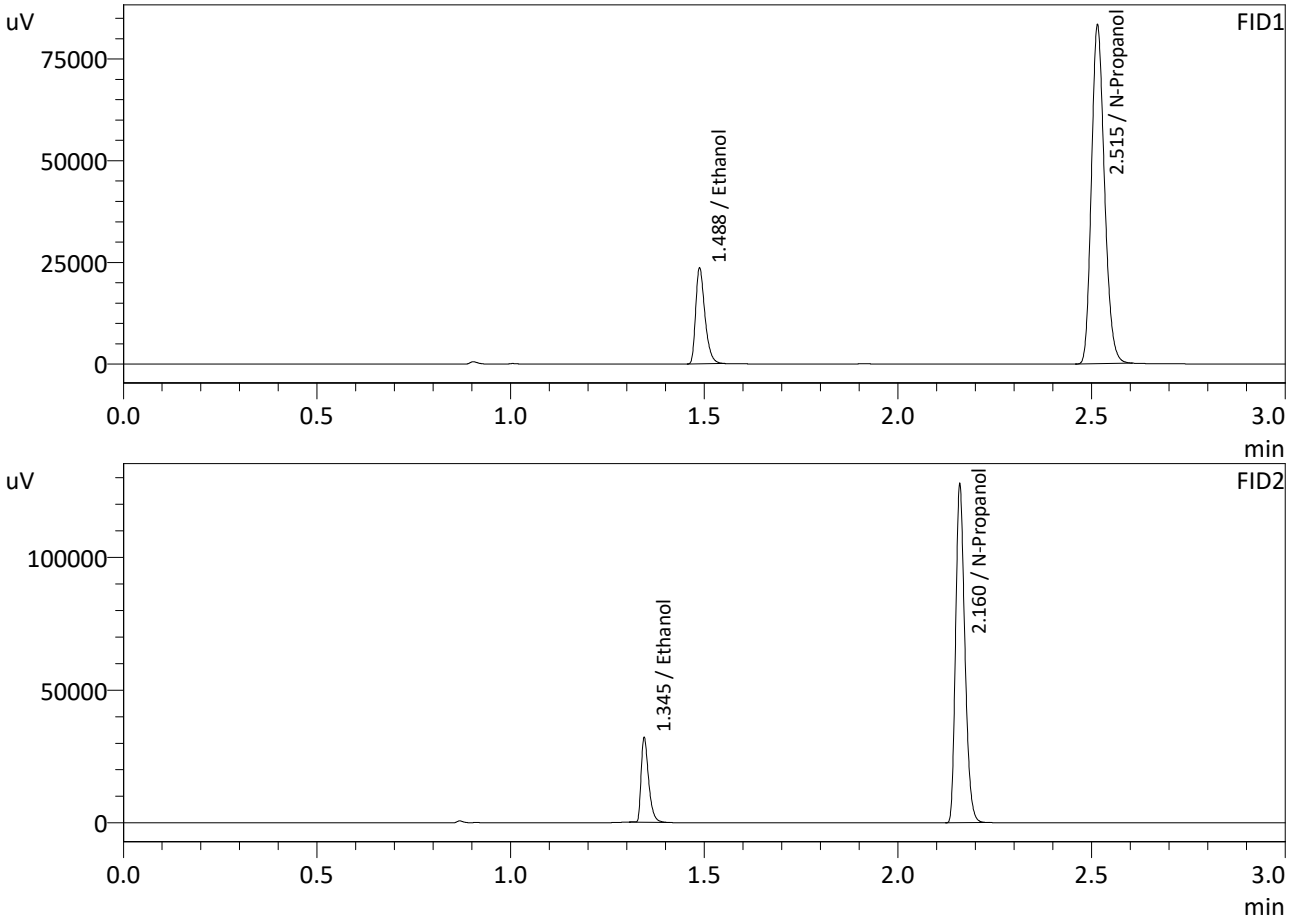
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0513	19390	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	195103	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0512	21061	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	211765	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.100
Laboratory : Meridian
Injection Date : 8/15/2024 12:20:46 PM
Vial # : 2
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

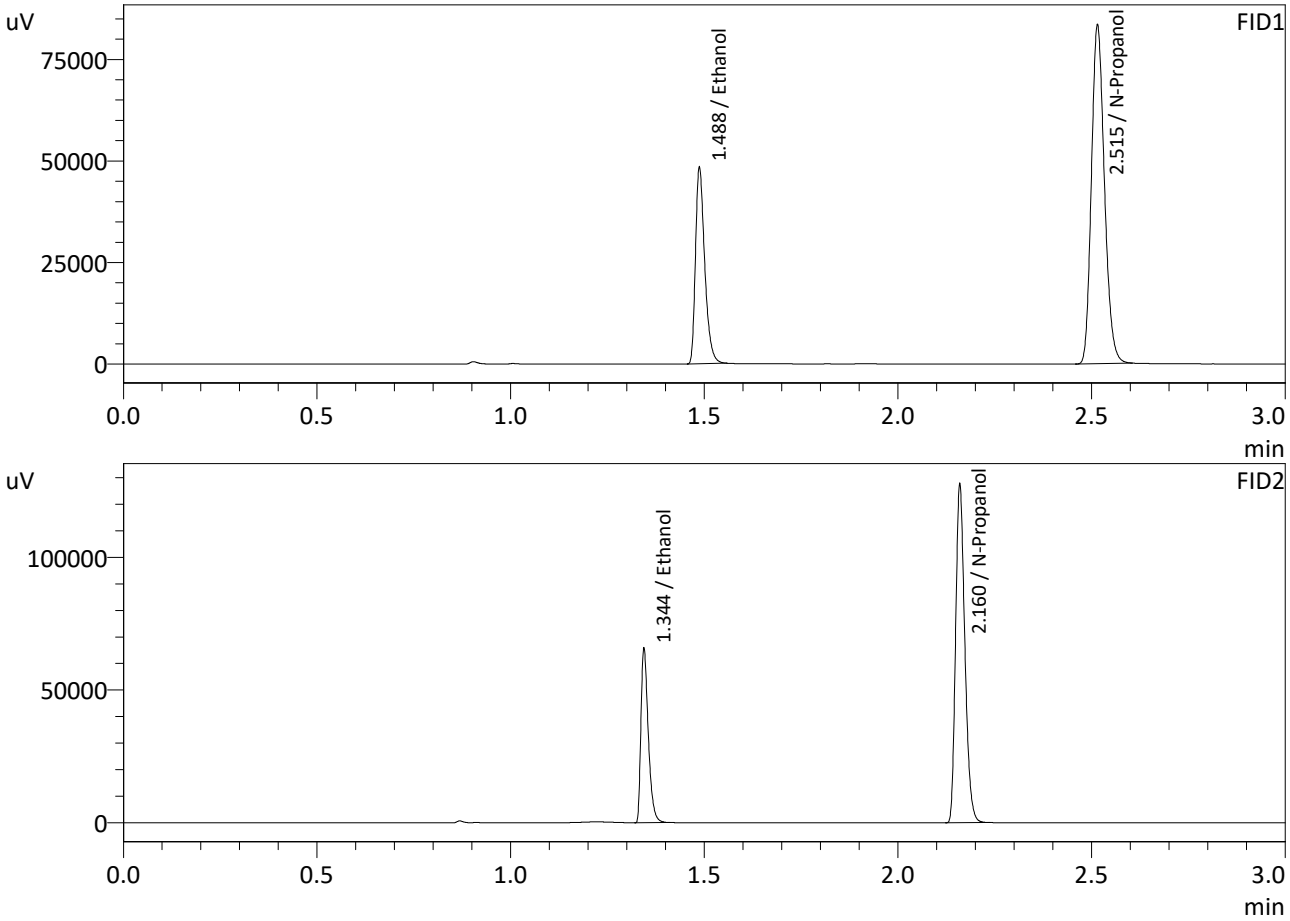
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1000	39163	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	194488	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1003	42765	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	211285	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.200
Laboratory : Meridian
Injection Date : 8/15/2024 12:28:12 PM
Vial # : 3
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

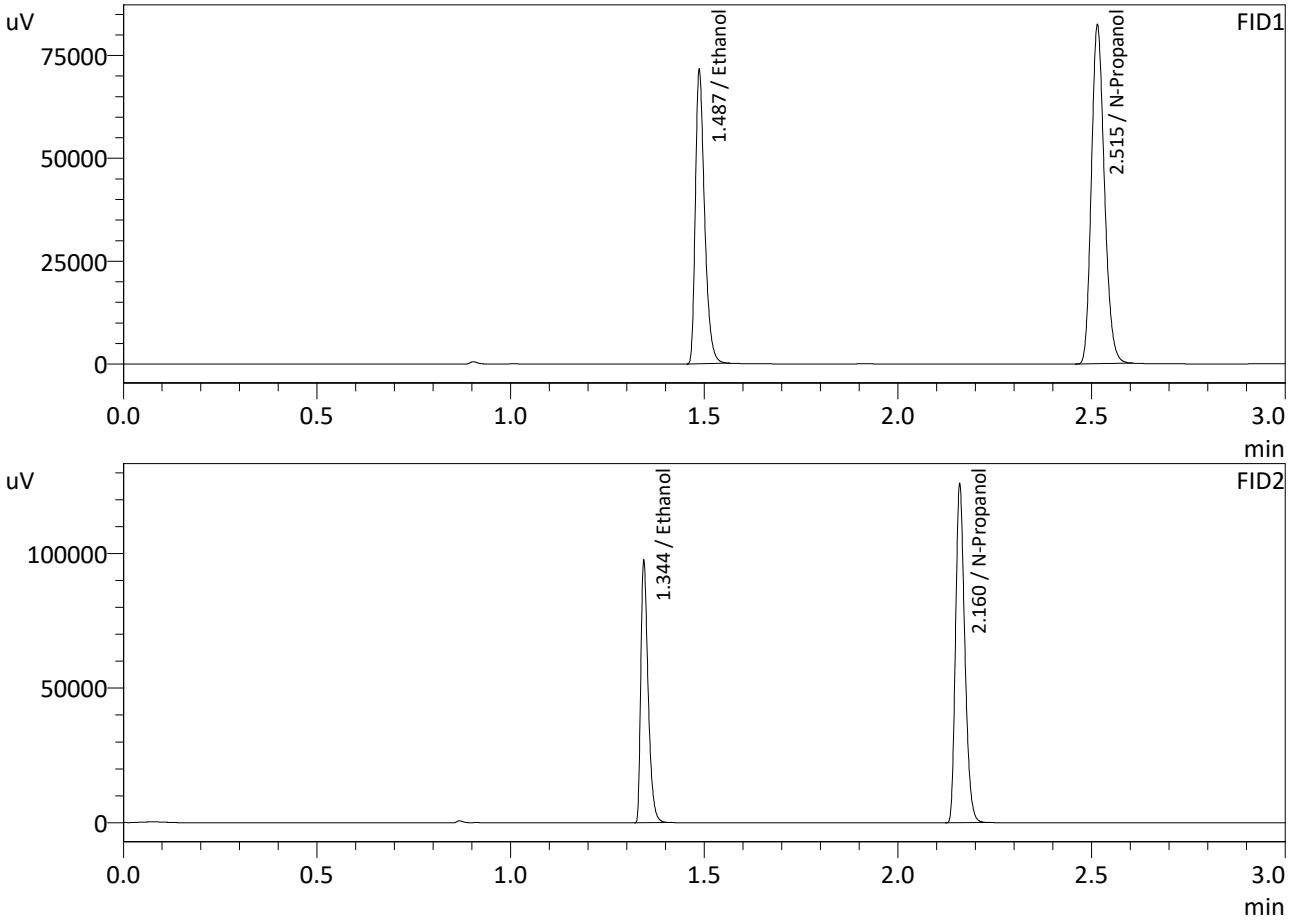
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2000	80001	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	194698	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1997	86918	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	211399	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.300
Laboratory : Meridian
Injection Date : 8/15/2024 12:36:47 PM
Vial # : 4
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

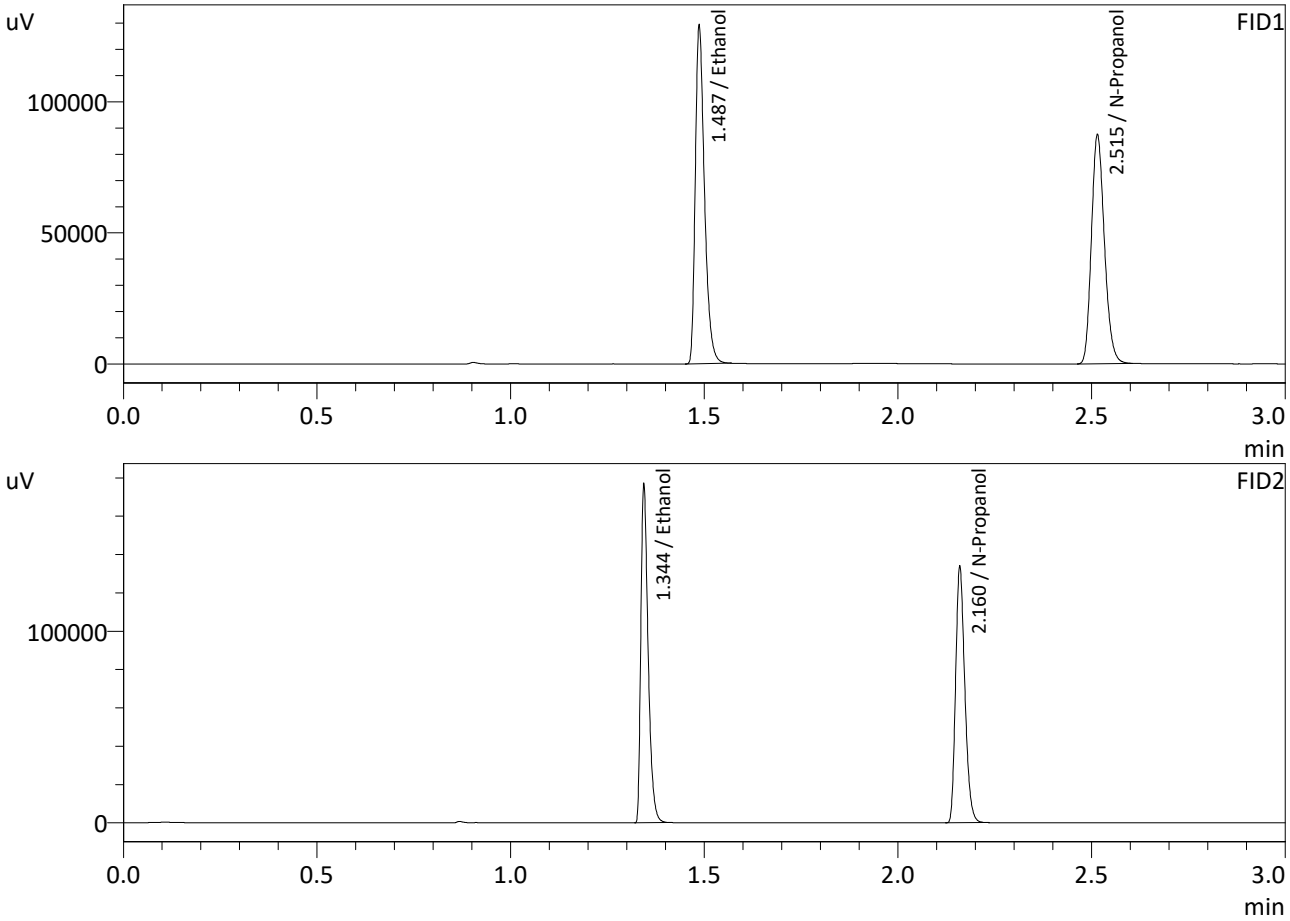
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2967	117920	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	192157	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2967	128293	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	208756	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.500
Laboratory : Meridian
Injection Date : 8/15/2024 12:45:20 PM
Vial # : 5
Method Filename : Default Project - ALCOHOL_240815NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

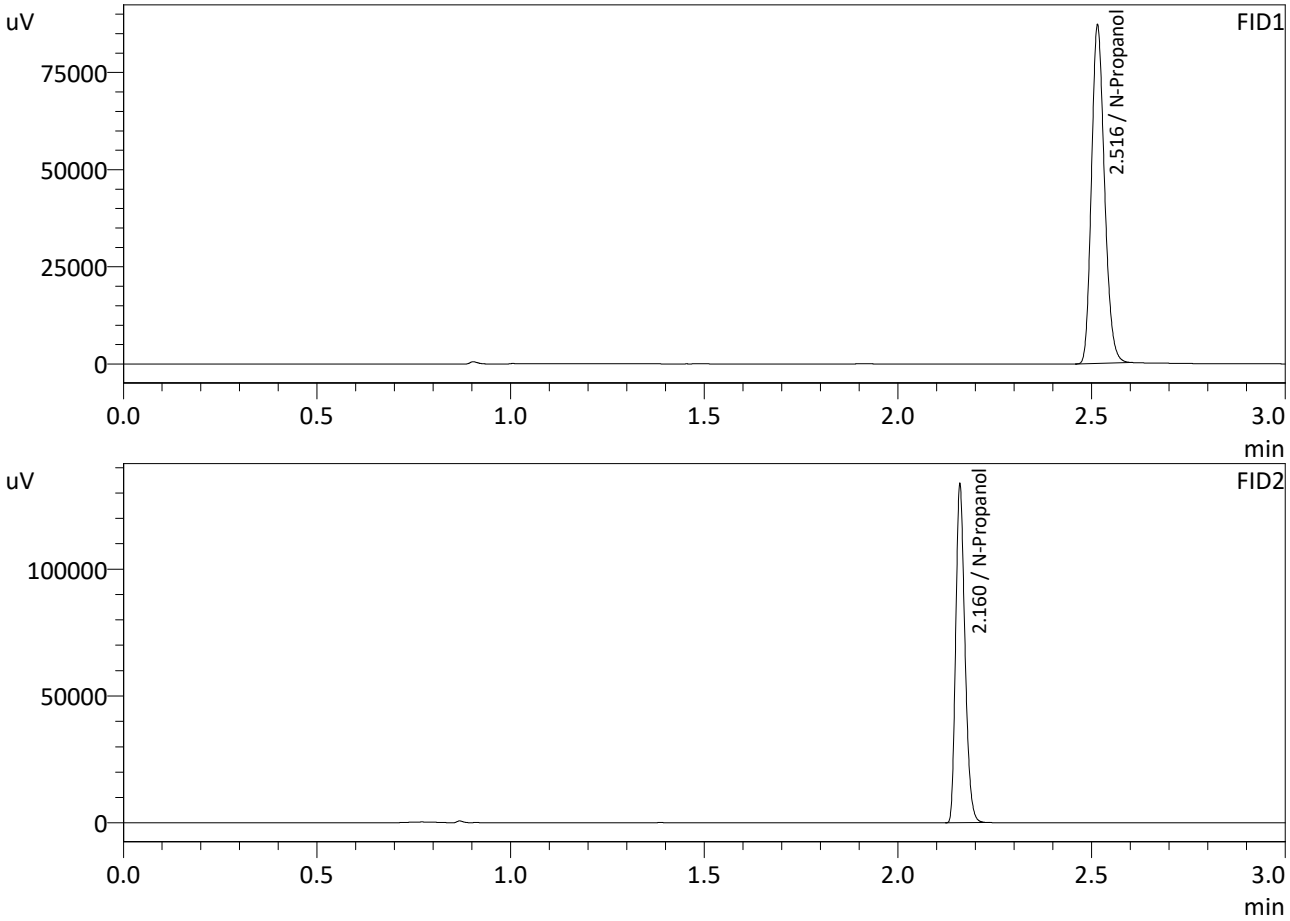
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5017	212410	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	203591	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5018	231239	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	221243	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLK
Laboratory : Meridian
Injection Date : 8/15/2024 12:53:13 PM
Vial # : 6
Method Filename : Default Project - ALCOHOL_240815NB.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	203299	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	221214	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Database Software Ver. 6.111

Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL 240815NB.gcm
2	0.100	1:Standard	2	ALCOHOL 240815NB.gcm
3	0.200	1:Standard	3	ALCOHOL 240815NB.gcm
4	0.300	1:Standard	4	ALCOHOL 240815NB.gcm
5	0.500	1:Standard	5	ALCOHOL 240815NB.gcm
6	INT STD BLK	0:Unknown	0	ALCOHOL 240815NB.gcm

NB