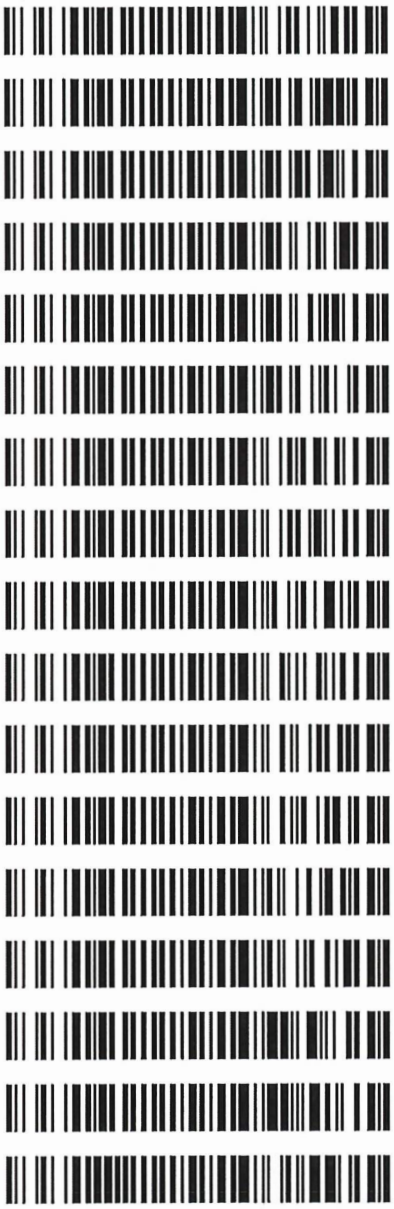
Worklist: 6686

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2024-0491	11	BCK	Alcohol Analysis
M2024-0511	1	BCK	Alcohol Analysis
M2024-0513	1	BCK	Alcohol Analysis
M2024-0514	1	BCK	Alcohol Analysis
M2024-0515	1	BCK	Alcohol Analysis
M2024-0516	1	BCK	Alcohol Analysis
M2024-0563	1	BCK	Alcohol Analysis
M2024-0569	1	BCK	Alcohol Analysis
M2024-0579	1	BCK	Alcohol Analysis
M2024-0639	1	BCK	Alcohol Analysis
M2024-0648	1	BCK	Alcohol Analysis
M2024-0650	1	BCK	Alcohol Analysis
M2024-0677	1	BCK	Alcohol Analysis
M2024-0681	1	BCK	Alcohol Analysis
M2024-0692	1	BCK	Alcohol Analysis
M2024-0693	1	BCK	Alcohol Analysis
P2024-0409	1	BCK	Alcohol Analysis



REVIEWED

By Jeremy Johnston at 9:12 am, Feb 20, 2024

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):** 02/16/2024 | **Calibration Date:** 02/07/2024 | **Worklist #:** 6686

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Feb-25	2101199	0.0808	0.0727-0.0889	0.0807 g/100cc
					0.0822 g/100cc
					g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2004 g/100cc
					0.2031 g/100cc
					g/100cc

Multi-Component mixture:	Exp:	Oct. 24	Lot #	FN06041902	
Curve Fit:	Column 1	0.99980	Column2	0.99986	

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0525	0.0522	0.0003	0.0523
100	0.100	0.090 - 0.110	0.1003	0.1001	0.0002	0.1002
200	0.200	0.180 - 0.220	0.1959	0.1967	0.0008	0.1963
300	0.300	0.270 - 0.330	0.2997	0.2995	0.0002	0.2996
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5014	0.5013	1E-04	0.5013

Aqueous Controls

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

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

Internal Standard Monitoring Worksheet

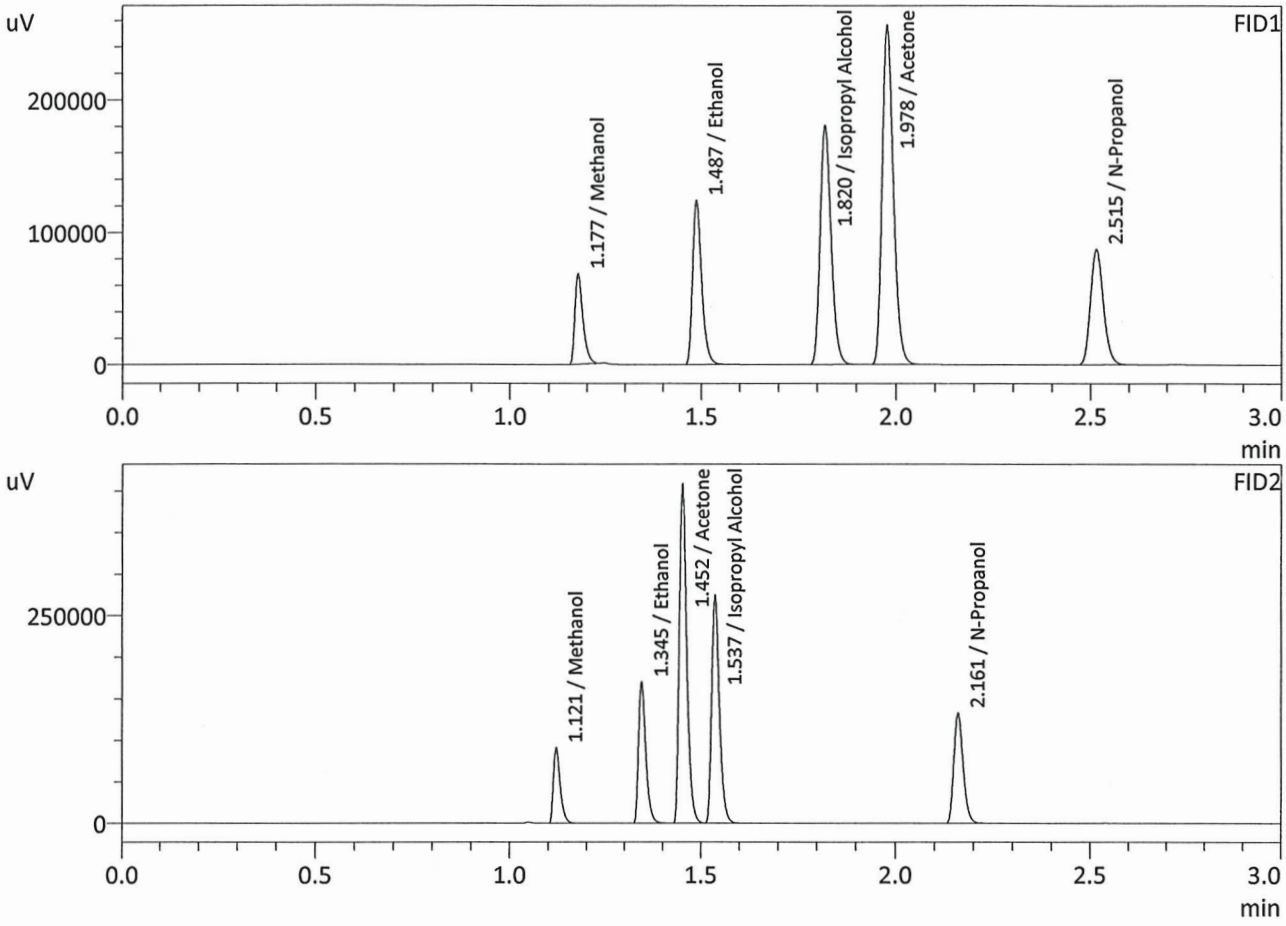
Worklist #:	6686	Run Date(s):	02/16/2024

Internal Standard Solution:	Prep Date:	12/5/2024	Exp Date:	6/5/2024

Sample Name	Column 1 Value	Column 2 Value
0.080	183755	198354
0.080	175100	189325
QC1	181549	196026
QC1	198055	214146
QC1	205586	222552
QC1	203196	220295
QC1		
QC1		
QC2	203941	220717
QC2	200360	217095
QC2	209152	226311
QC2	211718	229497
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	197241.2	157793.0	236689.4
Column 2	213431.8	170745.4	256118.2

Sample Name : MIXED VOLATILES FN 06041902
Laboratory : Meridian
Injection Date : 2/16/2024 12:27:10 PM
Vial # : 2
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	99829	g/100cc
Ethanol	0.4413	204518	g/100cc
Isopropyl Alcohol	0.0000	351375	g/100cc
Acetone	0.0000	502224	g/100cc
N-Propanol	0.0000	202878	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	112608	g/100cc
Ethanol	0.4426	223856	g/100cc
Acetone	0.0000	548843	g/100cc
Isopropyl Alcohol	0.0000	380458	g/100cc
N-Propanol	0.0000	219964	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA **Analysis Date(s): 2/16/2024 12:51:52 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0799	0.0797	0.0002	0.0798	0.0014	0.0805
(g/100cc)	0.0814	0.0810	0.0004	0.0812		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

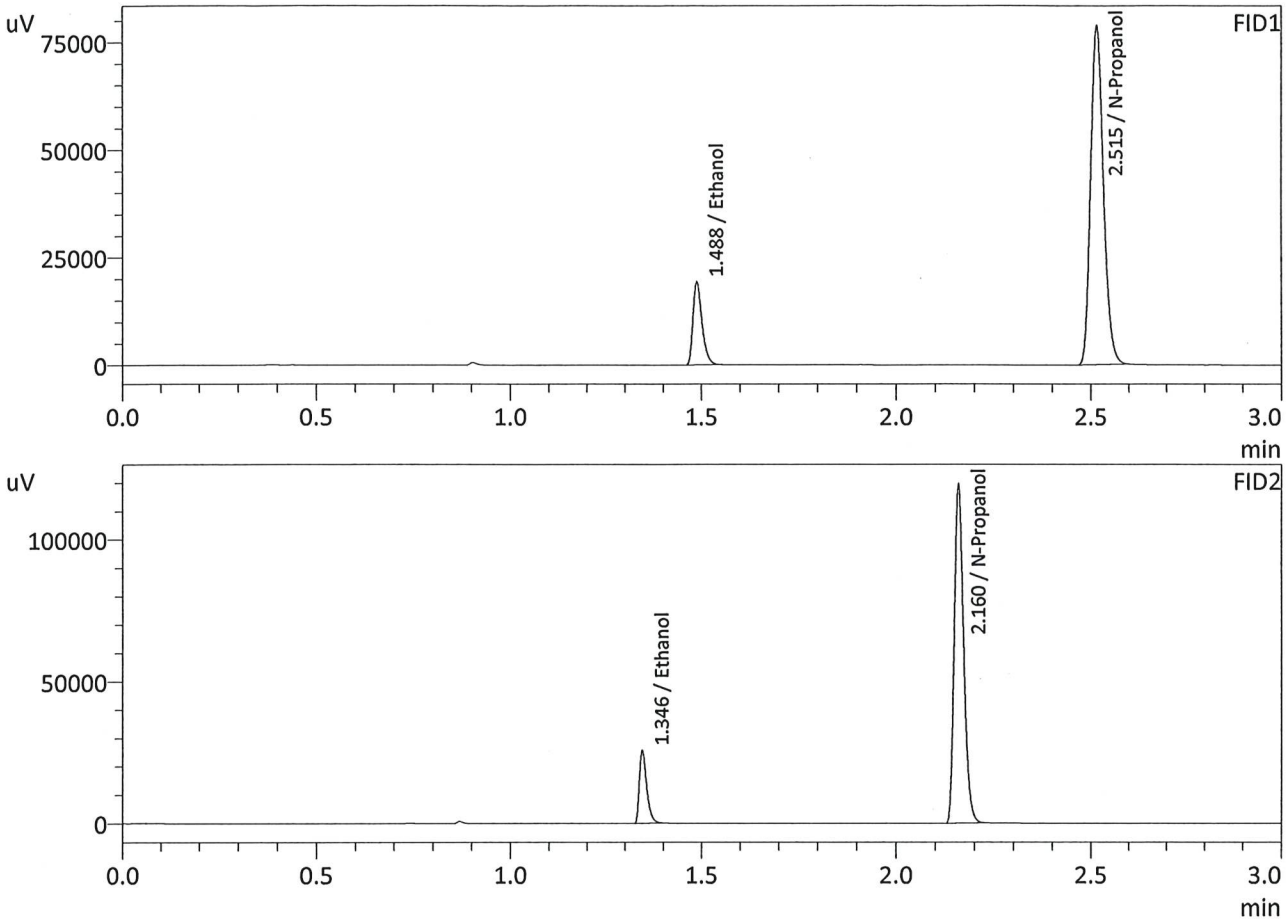
Refer To Instrument Method: ALCOHOL_240207GG.gcm

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

Reported Results
0.080

Calibration and control data are stored centrally.

Sample Name : 0.08 QA
Laboratory : Meridian
Injection Date : 2/16/2024 12:51:52 PM
Vial # : 5
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



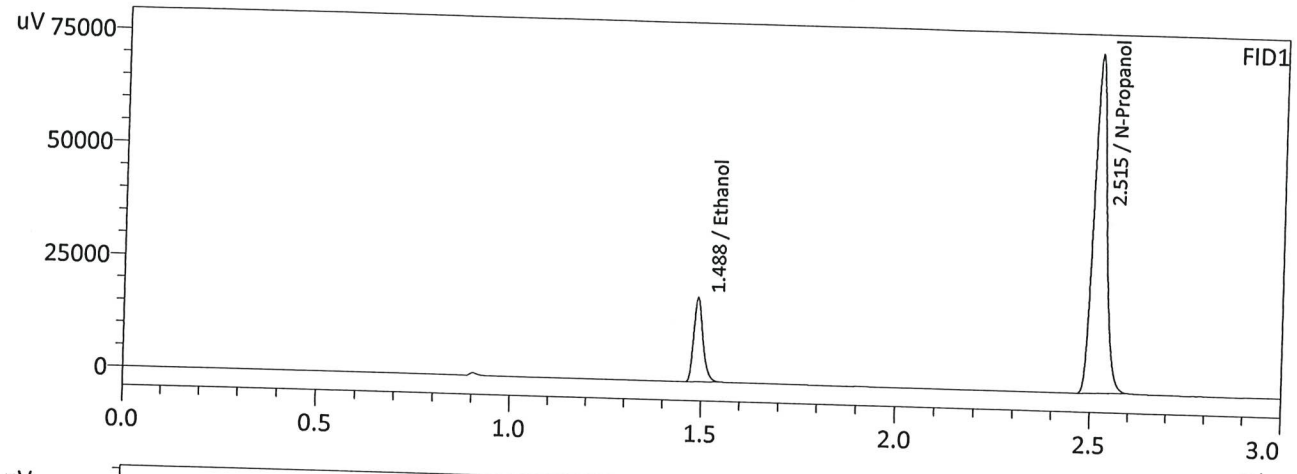
FID1

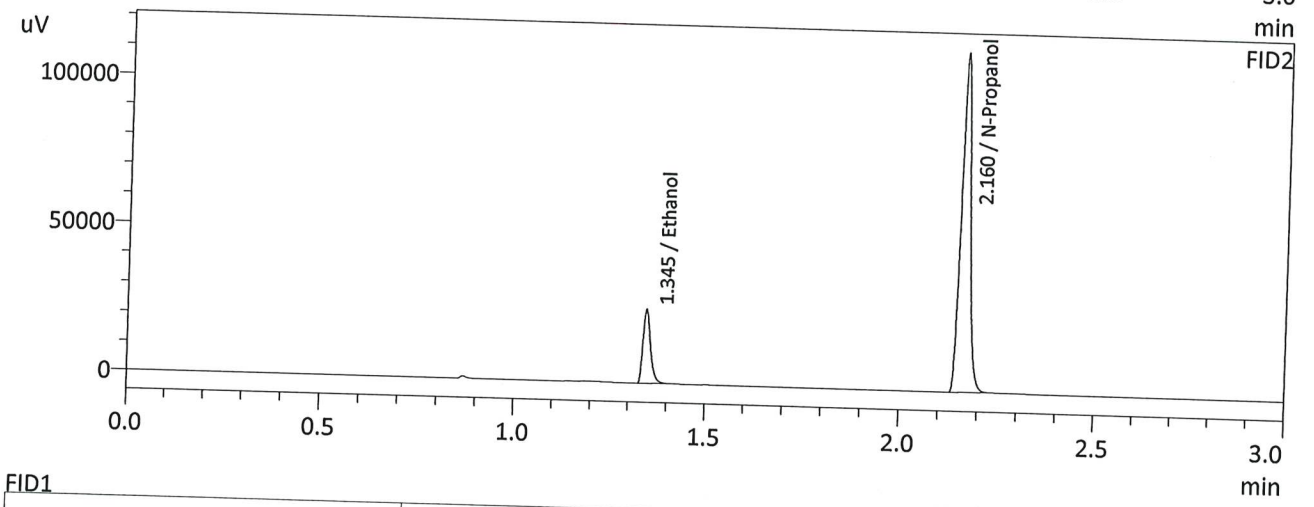
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0799	31917	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	183755	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0797	34428	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	198354	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.08 QA-B
Laboratory : Meridian
Injection Date : 2/16/2024 12:59:19 PM
Vial # : 6
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0814	31021	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	175100	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0810	33414	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	189325	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1 **Analysis Date(s): 2/16/2024 12:34:34 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0790	0.0786	0.0004	0.0788	0.0039	0.0807
(g/100cc)	0.0830	0.0825	0.0005	0.0827		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

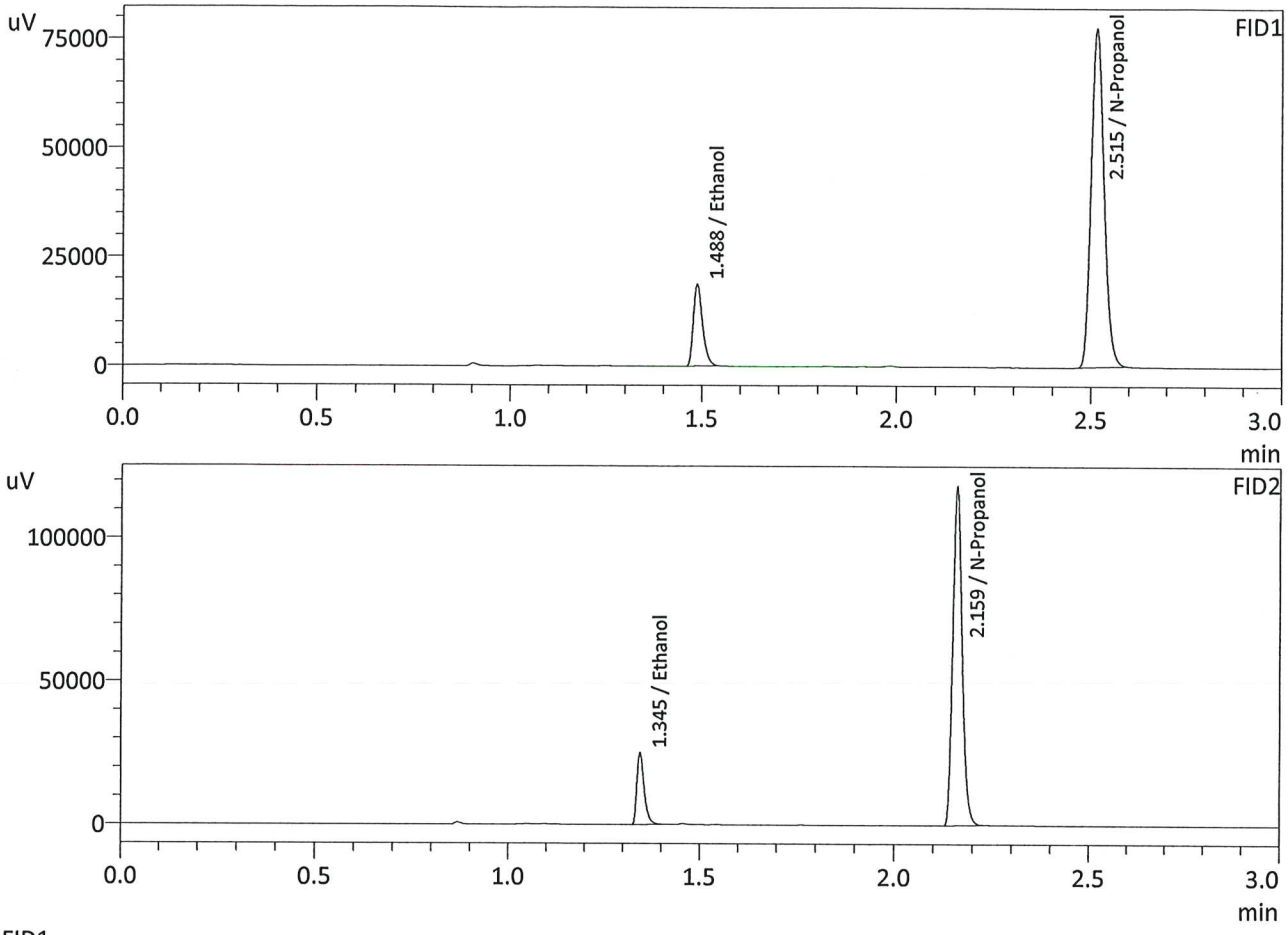
Refer To Instrument Method: ALCOHOL_240207GG.gcm

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

Reported Results
0.080

Calibration and control data are stored centrally.

Sample Name : QC-1-1
Laboratory : Meridian
Injection Date : 2/16/2024 12:34:34 PM
Vial # : 3
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



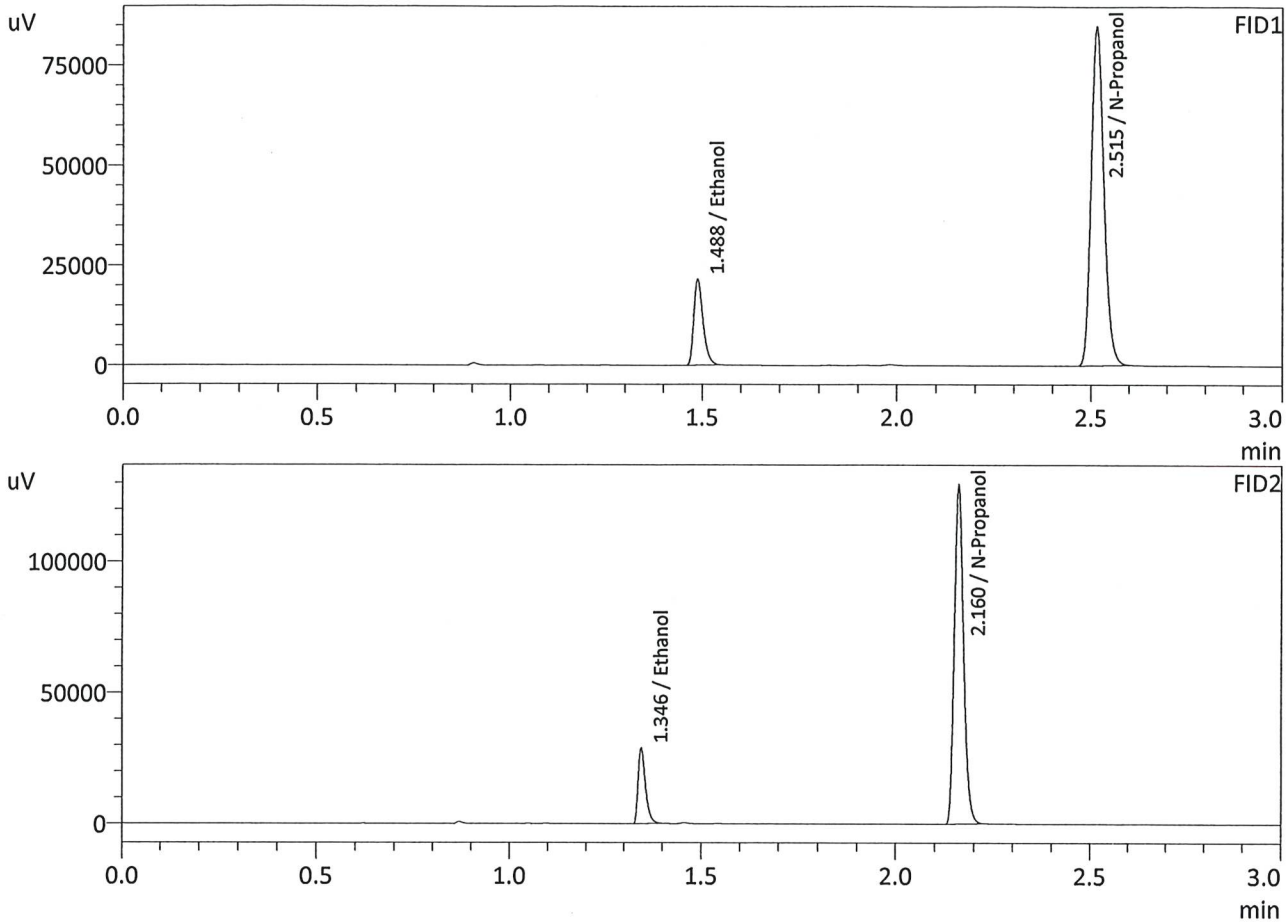
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0790	31158	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181549	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0786	33501	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	196026	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-1-1-B
Laboratory : Meridian
Injection Date : 2/16/2024 12:43:16 PM
Vial # : 4
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0830	35827	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	198055	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0825	38520	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	214146	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2 **Analysis Date(s): 2/16/2024 6:02:56 PM(-07:00)**

	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	0.0012	0.0822
(g/100cc)	0.0830	0.0826	0.0004	0.0828		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

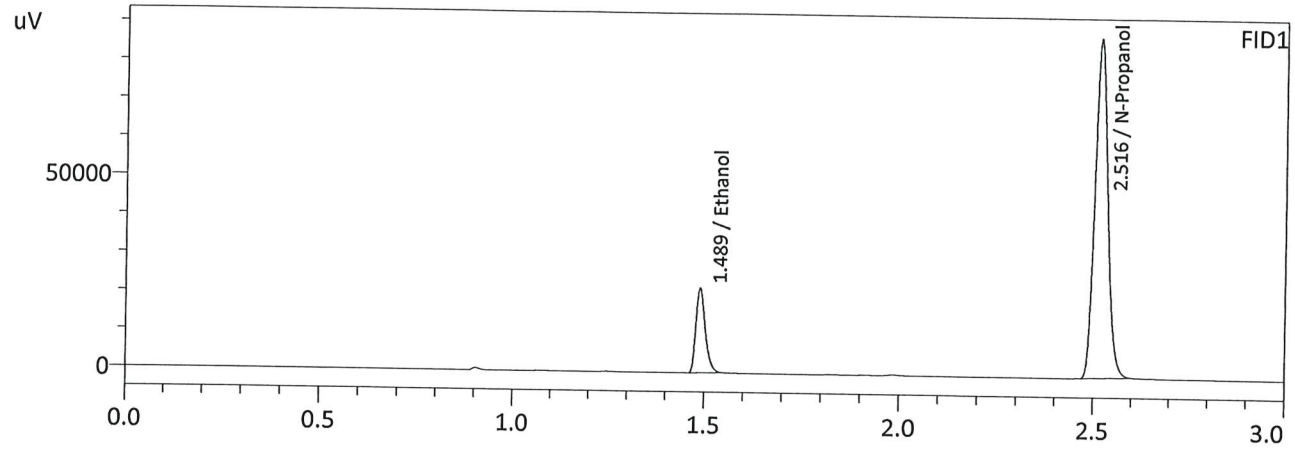
Refer To Instrument Method: ALCOHOL_240207GG.gcm

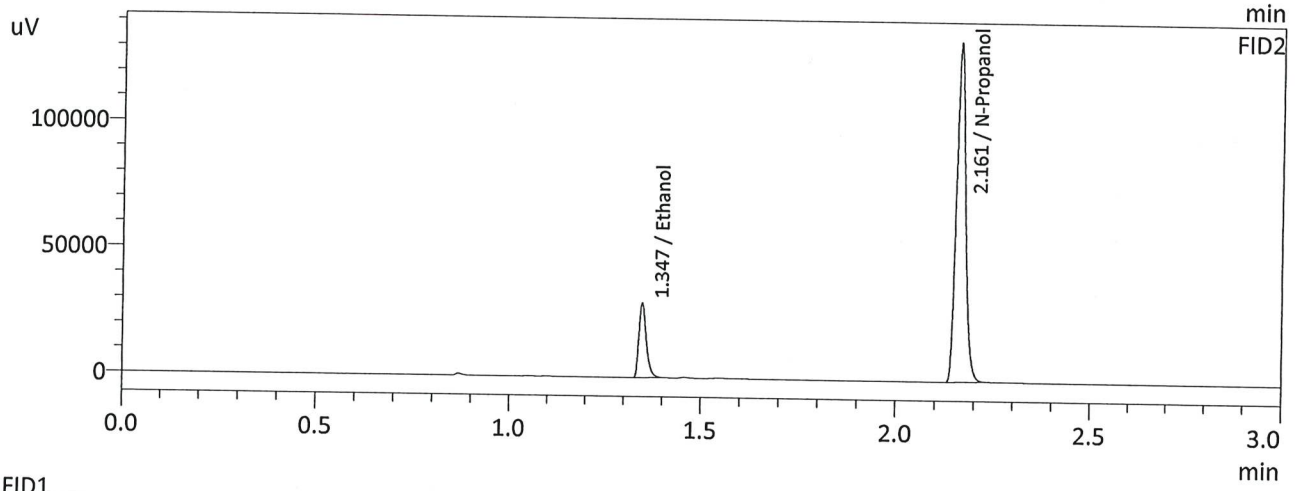
Reporting of Results	Uncertainty of Measurements (UM%):	5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

Reported Results
0.082

Calibration and control data are stored centrally.

Sample Name : QC1-2
Laboratory : Meridian
Injection Date : 2/16/2024 6:02:56 PM
Vial # : 43
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

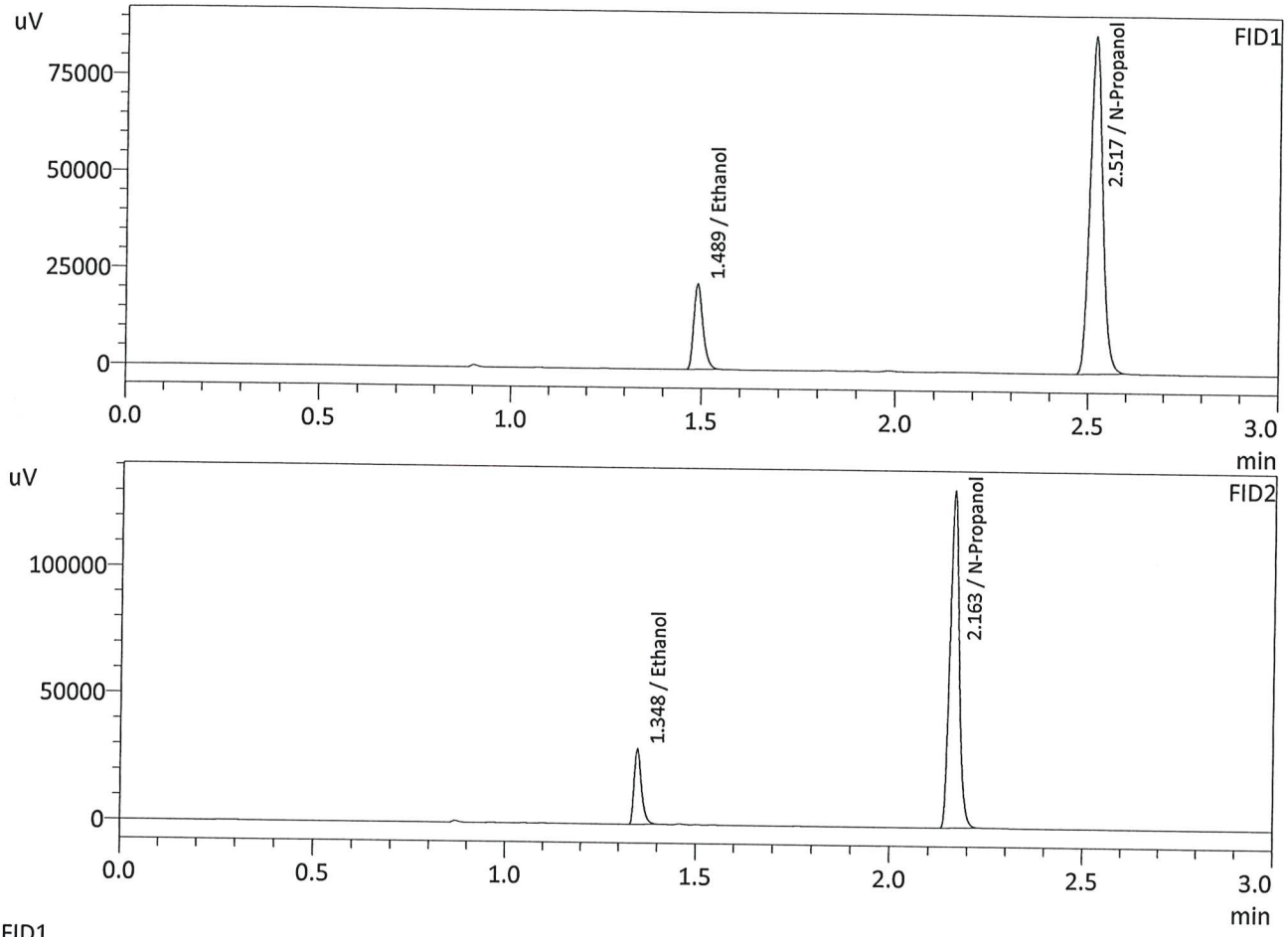
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0818	36623	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	205586	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0815	39545	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	222552	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : 2/16/2024 6:11:19 PM
Vial # : 44
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0830	36763	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	203196	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0826	39712	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	220295	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1 **Analysis Date(s): 2/16/2024 3:35:20 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1996	0.1994	0.0002	0.1995	0.0019	0.2004
(g/100cc)	0.2017	0.2011	0.0006	0.2014		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_240207GG.gcm

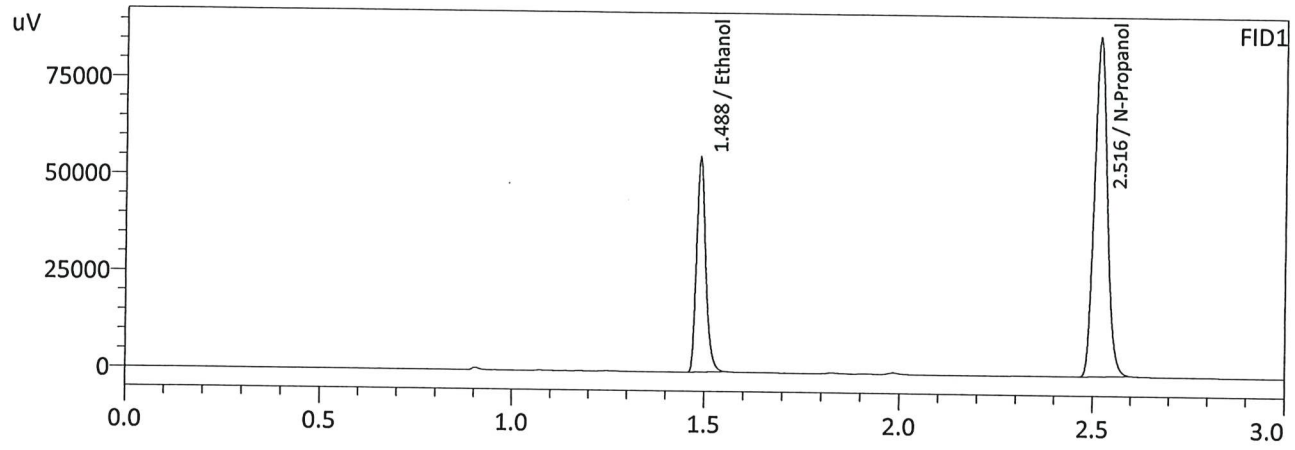
Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

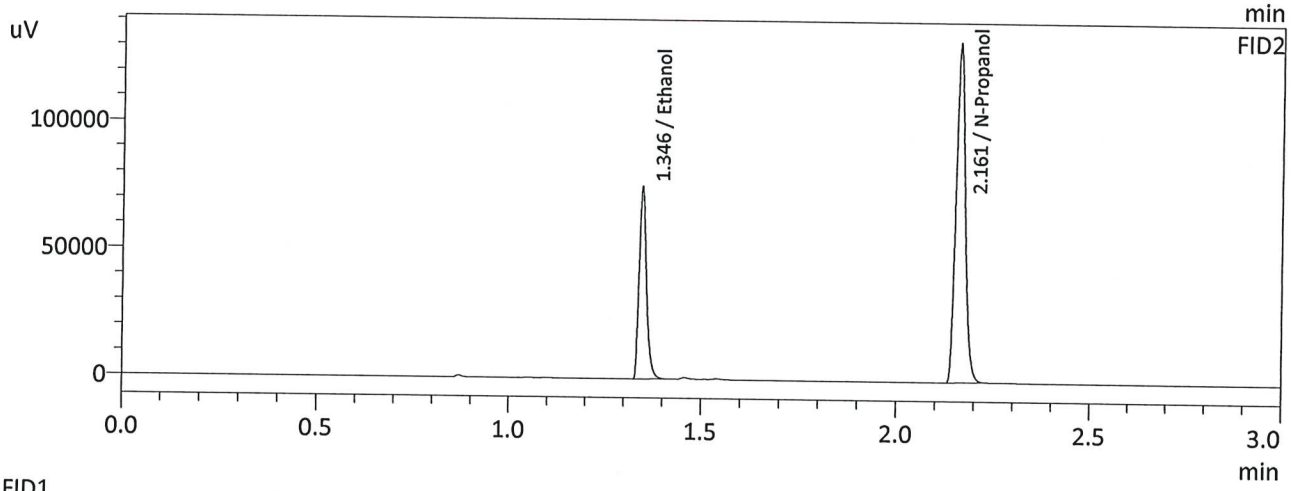
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.200	0.190	0.210	0.010

Reported Results
0.200

Calibration and control data are stored centrally.

Sample Name : QC-2-1
Laboratory : Meridian
Injection Date : 2/16/2024 3:35:20 PM
Vial # : 25
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

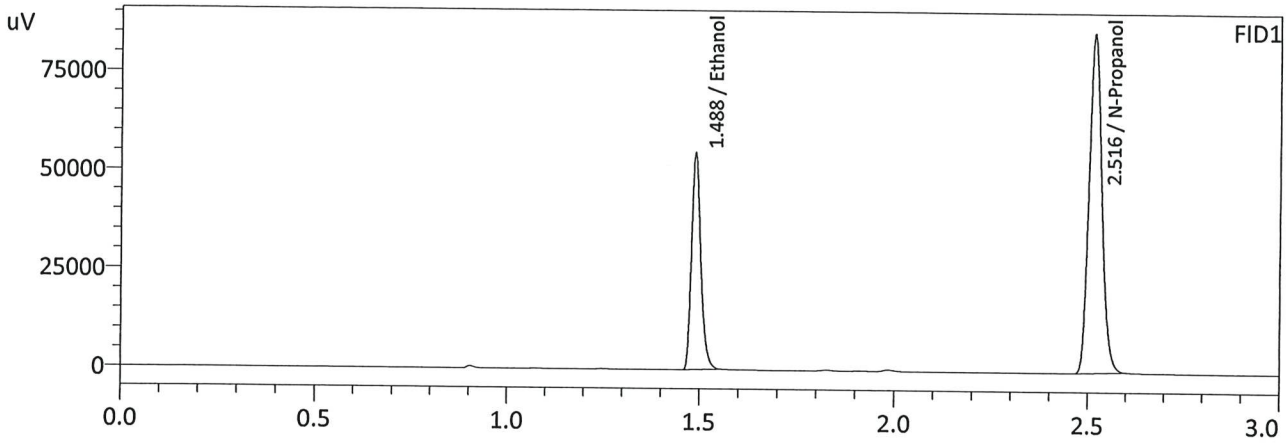
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1996	91779	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	203941	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

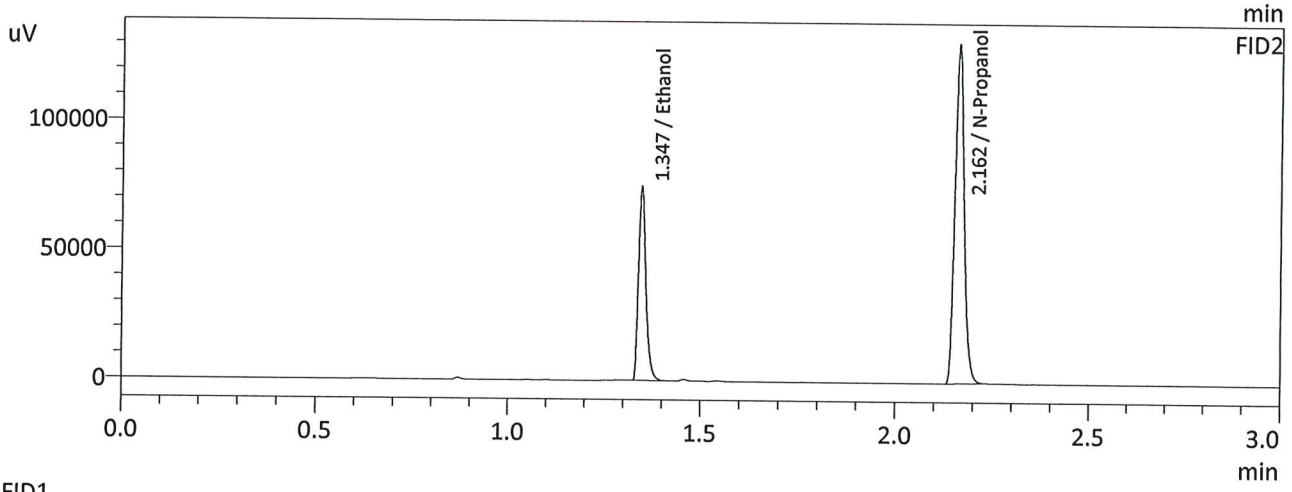
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1994	99767	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	220717	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : QC-2-1-B
Laboratory : Meridian
Injection Date : 2/16/2024 3:43:21 PM
Vial # : 26
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2017	91165	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	200360	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2011	98988	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	217095	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-2 **Analysis Date(s): 2/16/2024 6:20:36 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2030	0.2025	0.0005	0.2027	0.0009	0.2031
(g/100cc)	0.2039	0.2033	0.0006	0.2036		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

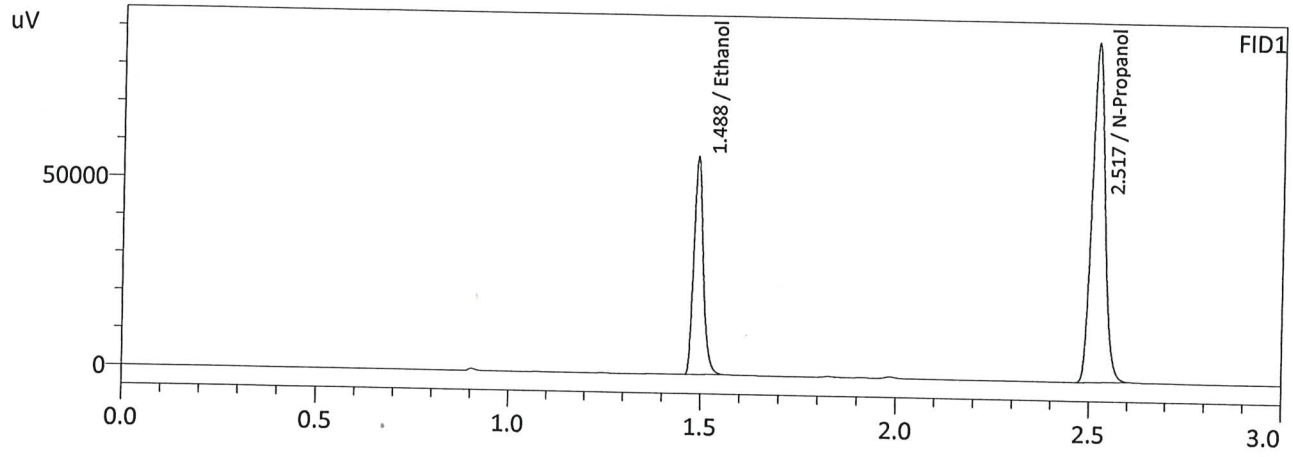
Refer To Instrument Method: ALCOHOL_240207GG.gcm

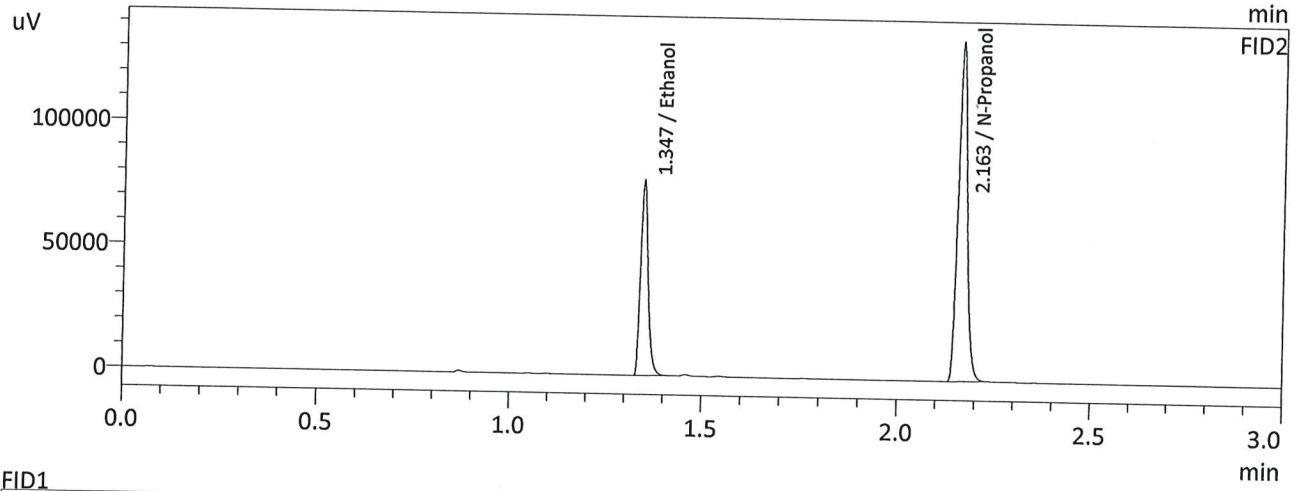
Reporting of Results	Uncertainty of Measurements (UM%):	5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.203	0.192	0.214	0.011

Reported Results
0.203

Calibration and control data are stored centrally.

Sample Name : QC2-2
Laboratory : Meridian
Injection Date : 2/16/2024 6:20:36 PM
Vial # : 45
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409





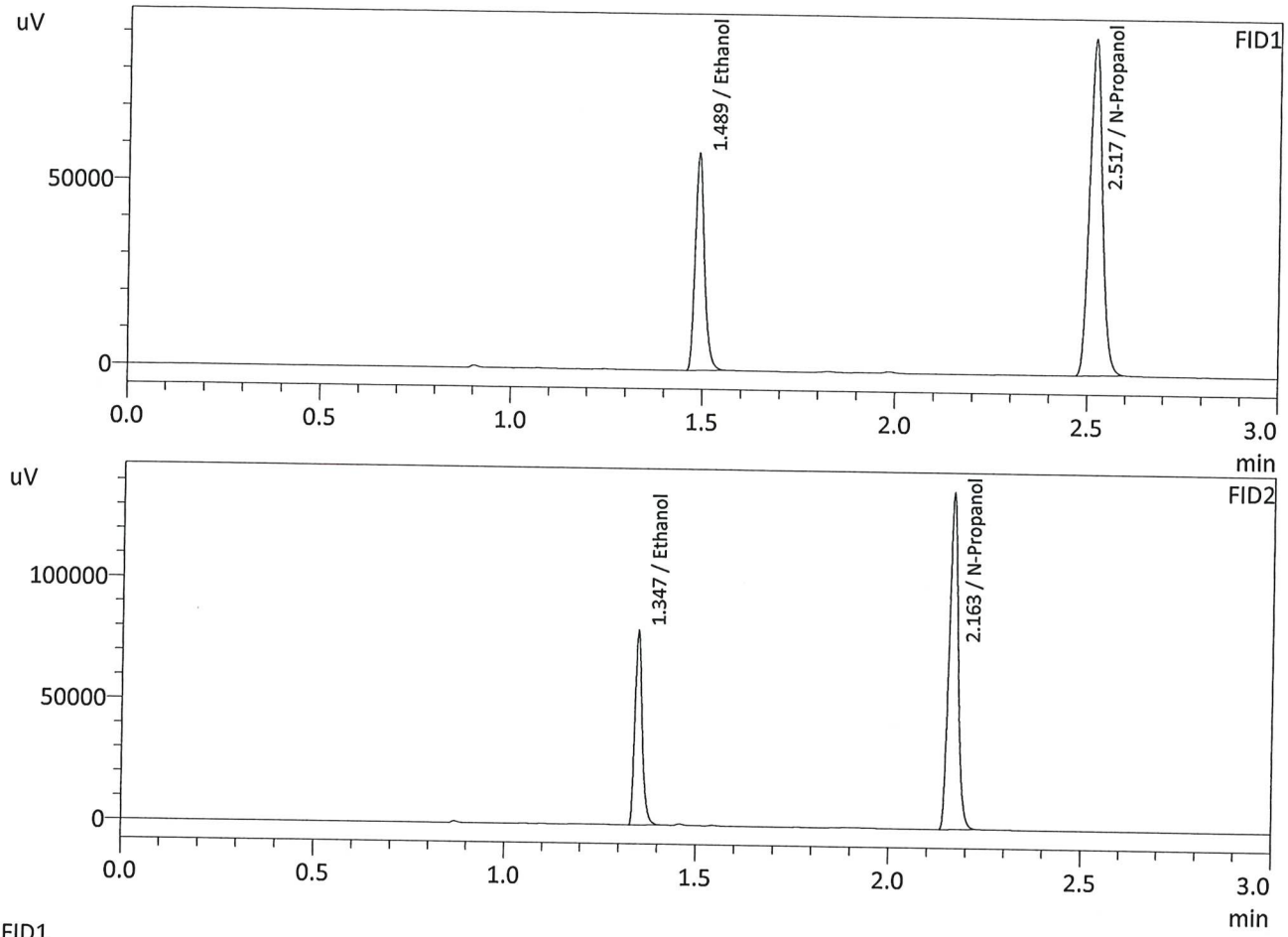
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2030	95767	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	209152	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2025	103906	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	226311	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : 2/16/2024 6:28:03 PM
Vial # : 46
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2039	97403	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	211718	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2033	105798	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	229497	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

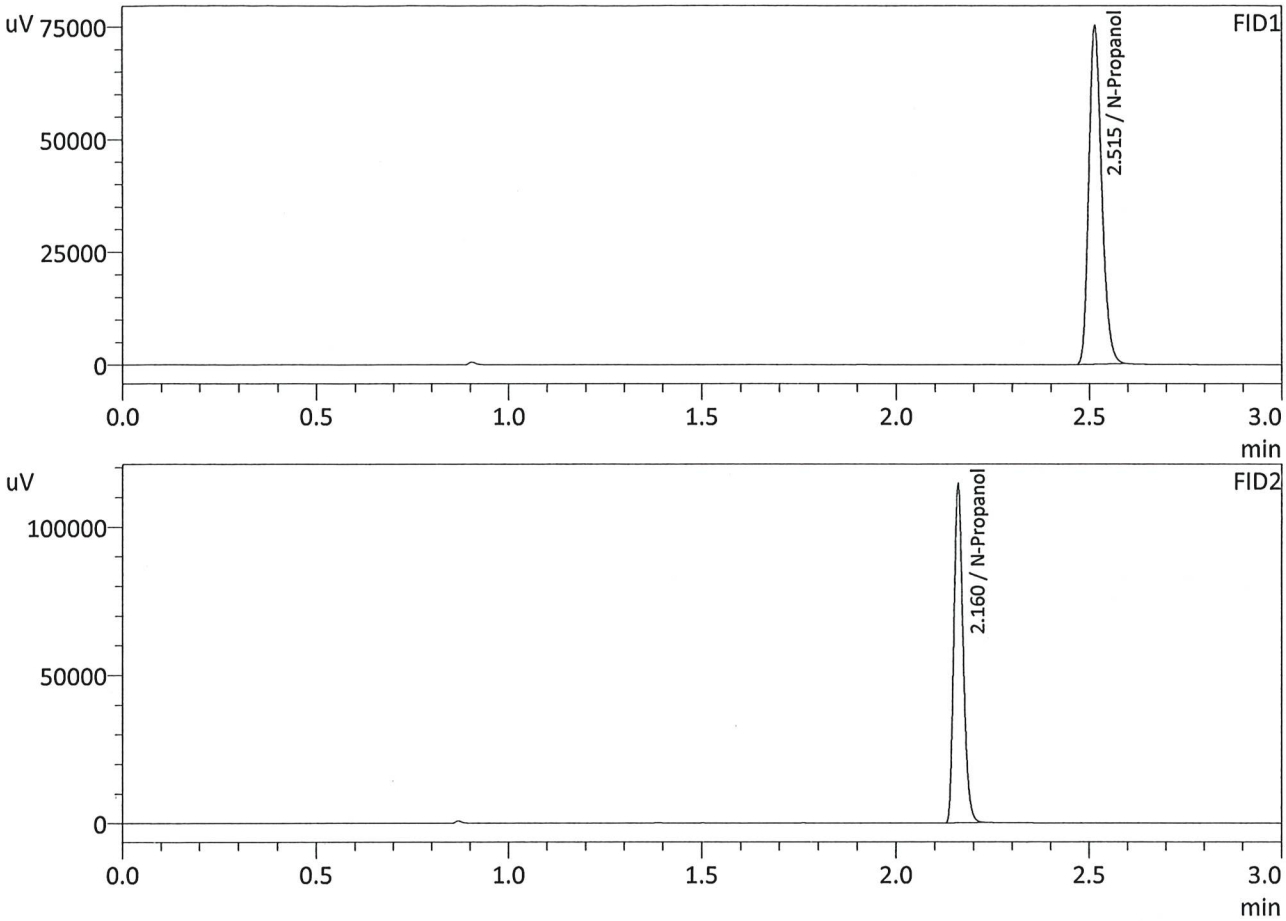
GV

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	INT STD BLK 1	0:Unknown	0	ALCOHOL 240207GG.gcm
2	ED VOLATILES FN 0604	0:Unknown	1	ALCOHOL 240207GG.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 240207GG.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 240207GG.gcm
6	0.08 QA-B	0:Unknown	0	ALCOHOL 240207GG.gcm
7	M2024-0491-11	0:Unknown	0	ALCOHOL 240207GG.gcm
8	M2024-0491-11-B	0:Unknown	0	ALCOHOL 240207GG.gcm
9	M2024-0511-1	0:Unknown	0	ALCOHOL 240207GG.gcm
10	M2024-0511-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
11	M2024-0513-1	0:Unknown	0	ALCOHOL 240207GG.gcm
12	M2024-0513-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
13	M2024-0514-1	0:Unknown	0	ALCOHOL 240207GG.gcm
14	M2024-0514-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
15	M2024-0515-1	0:Unknown	0	ALCOHOL 240207GG.gcm
16	M2024-0515-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
17	M2024-0516-1	0:Unknown	0	ALCOHOL 240207GG.gcm
18	M2024-0516-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
19	M2024-0563-1	0:Unknown	0	ALCOHOL 240207GG.gcm
20	M2024-0563-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
21	M2024-0569-1	0:Unknown	0	ALCOHOL 240207GG.gcm
22	M2024-0569-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
23	M2024-0579-1	0:Unknown	0	ALCOHOL 240207GG.gcm
24	M2024-0579-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 240207GG.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
27	M2024-0639-1	0:Unknown	0	ALCOHOL 240207GG.gcm
28	M2024-0639-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
29	M2024-0648-1	0:Unknown	0	ALCOHOL 240207GG.gcm
30	M2024-0648-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
31	M2024-0650-1	0:Unknown	0	ALCOHOL 240207GG.gcm
32	M2024-0650-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
33	M2024-0677-1	0:Unknown	0	ALCOHOL 240207GG.gcm
34	M2024-0677-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
35	M2024-0681-1	0:Unknown	0	ALCOHOL 240207GG.gcm
36	M2024-0681-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
37	M2024-0692-1	0:Unknown	0	ALCOHOL 240207GG.gcm
38	M2024-0692-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
39	M2024-0693-1	0:Unknown	0	ALCOHOL 240207GG.gcm
40	M2024-0693-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
41	P2024-0409-1	0:Unknown	0	ALCOHOL 240207GG.gcm
42	P2024-0409-1-B	0:Unknown	0	ALCOHOL 240207GG.gcm
43	QC1-2	0:Unknown	0	ALCOHOL 240207GG.gcm
44	QC1-2-B	0:Unknown	0	ALCOHOL 240207GG.gcm
45	QC2-2	0:Unknown	0	ALCOHOL 240207GG.gcm
46	QC2-2-B	0:Unknown	0	ALCOHOL 240207GG.gcm
47	INT STD BLK	0:Unknown	0	ALCOHOL 240207GG.gcm

Sample Name : INT STD BLK 1
Laboratory : Meridian
Injection Date : 2/16/2024 12:19:49 PM
Vial # : 1
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

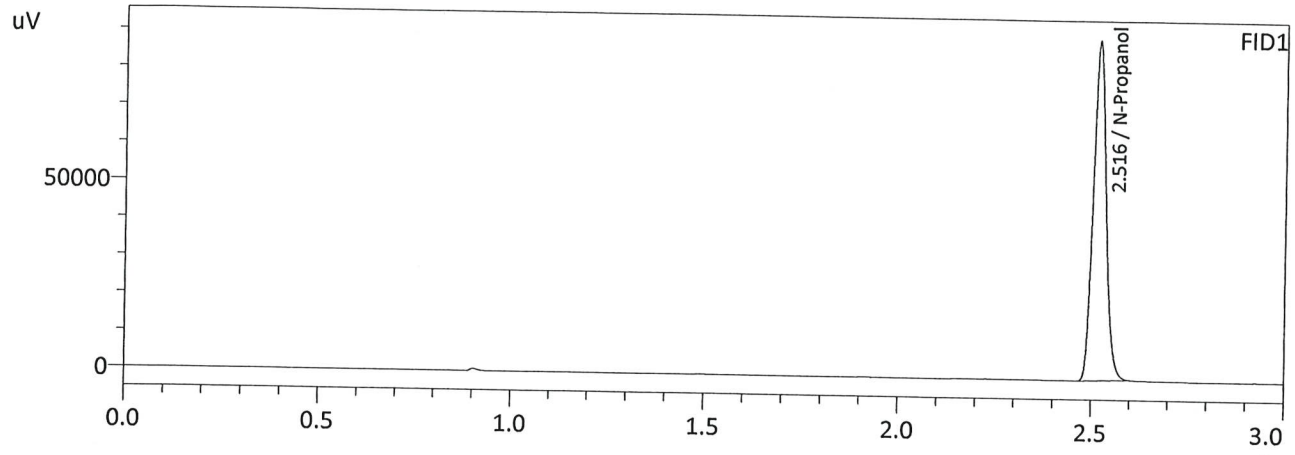
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	175427	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

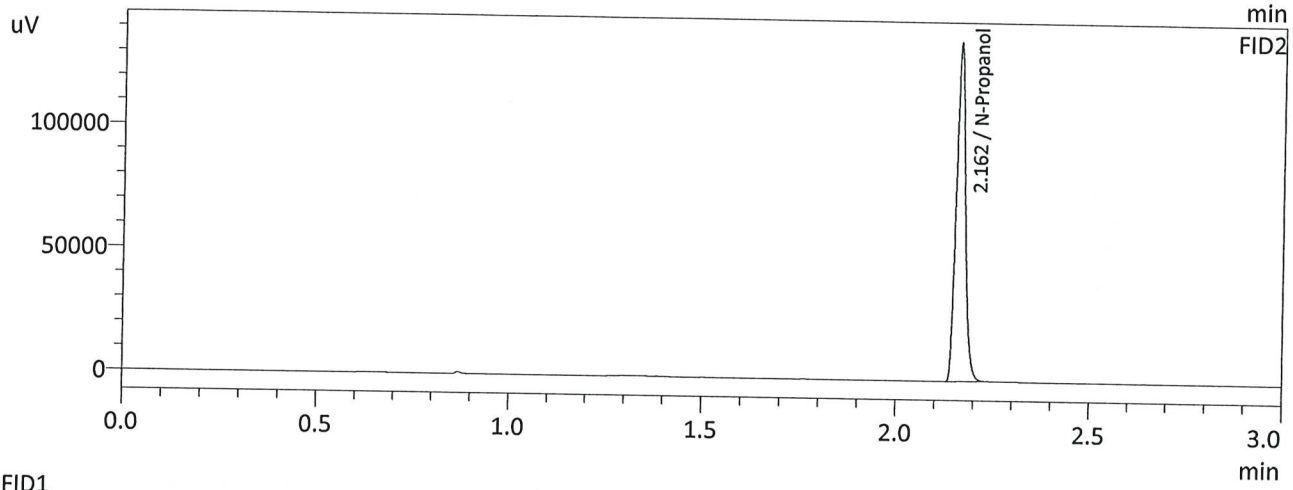
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	189652	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : INT STD BLK
Laboratory : Meridian
Injection Date : 2/16/2024 6:36:03 PM
Vial # : 47
Method Filename : Default Project - ALCOHOL_240207GG.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	210341	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

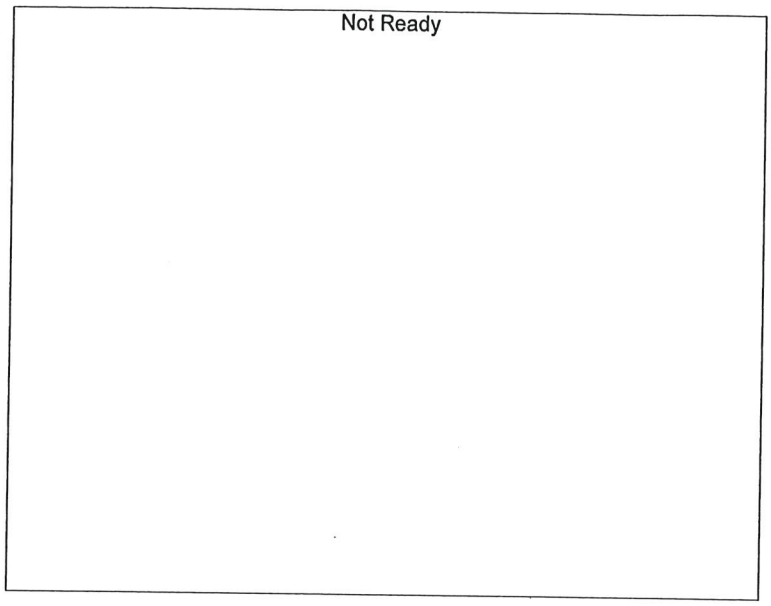
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	227636	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Calibration Table

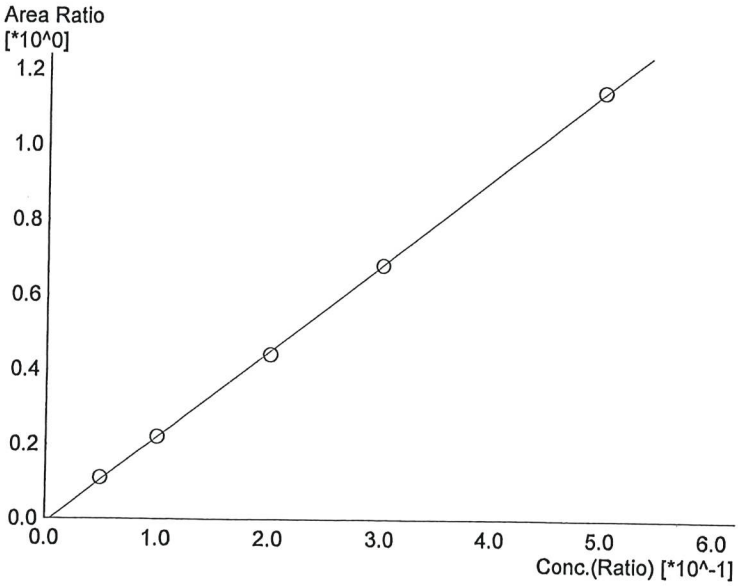
Laboratory : MERIDIAN
Instrument Name : GC-BAC
Instrument Serial # : C12595800409 / C12255750548

<<Data File>>
Method File :Default Project - ALCOHOL_240207GG.gcm
Batch File :Default Project - CALCURVE_240207GG.gcb
Date Acquired :2/7/2024 11:31:15 AM
Date Created :2/7/2024 11:26:54 AM
Date Modified :2/7/2024 11:48:28 AM



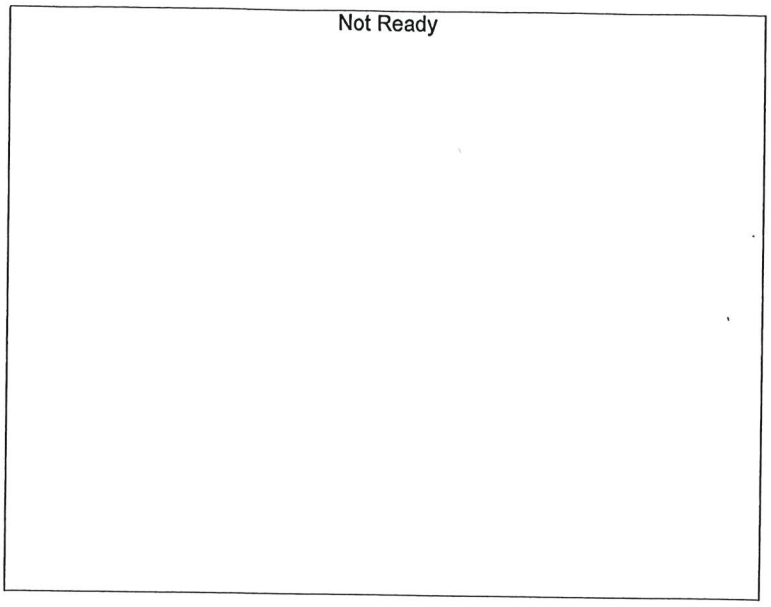
Name : Methanol
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



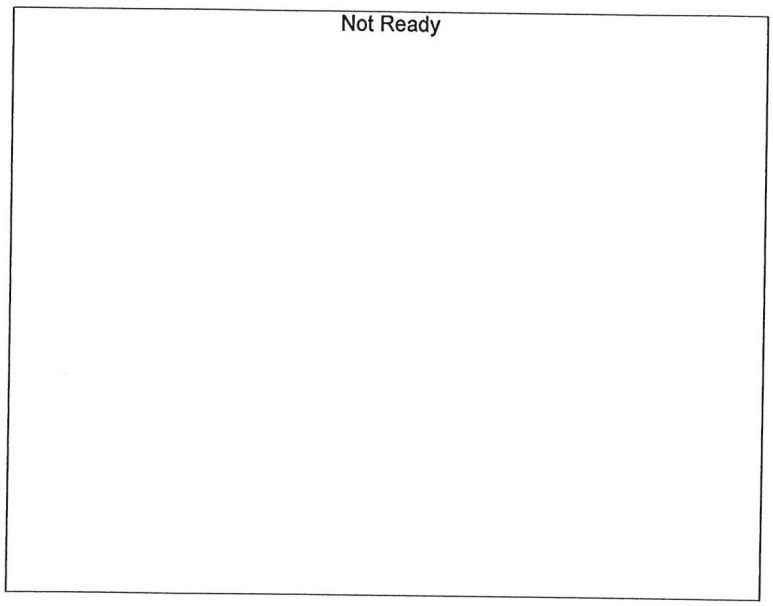
Name : Ethanol
Detector Name: FID1
Function : f(x)=2.30883*x-0.0108408
R^2 value= 0.9998006
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	19559	0.0525
2	0.100	39064	0.1003
3	0.200	77239	0.1959
4	0.300	119928	0.2997
5	0.500	214694	0.5014



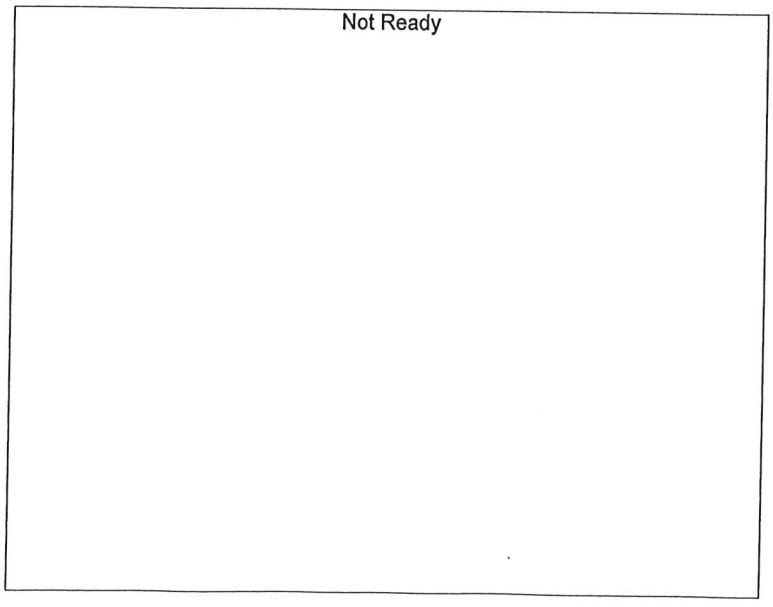
Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



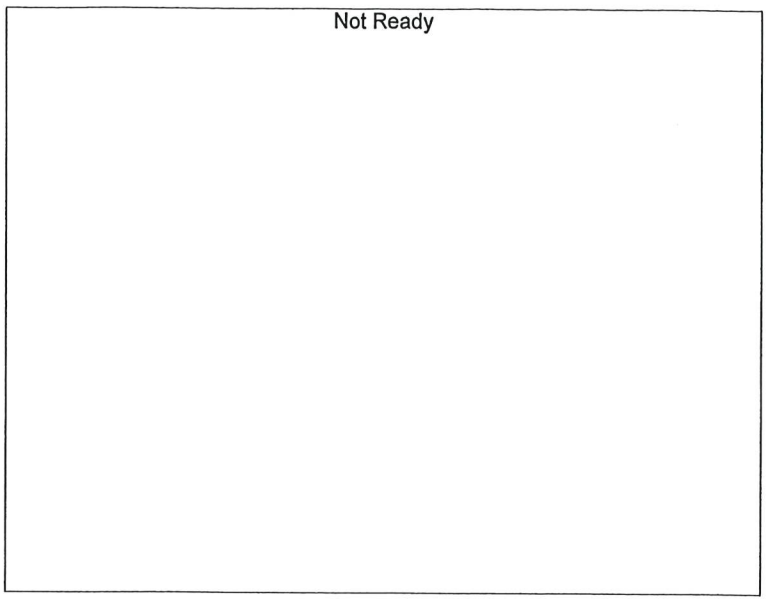
Name : Acetone
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



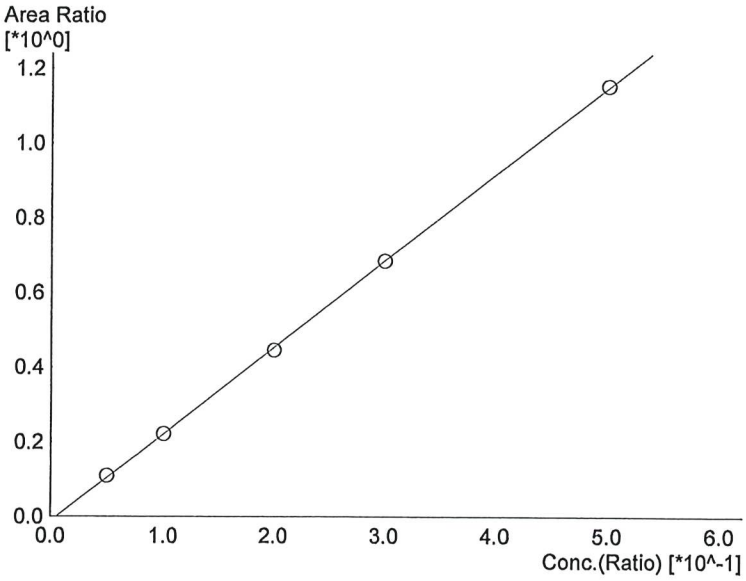
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



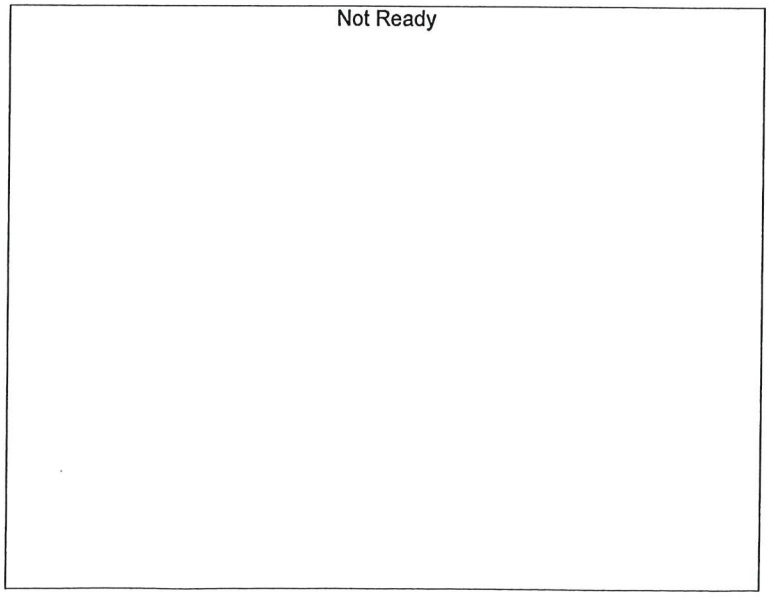
Name : Methanol
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



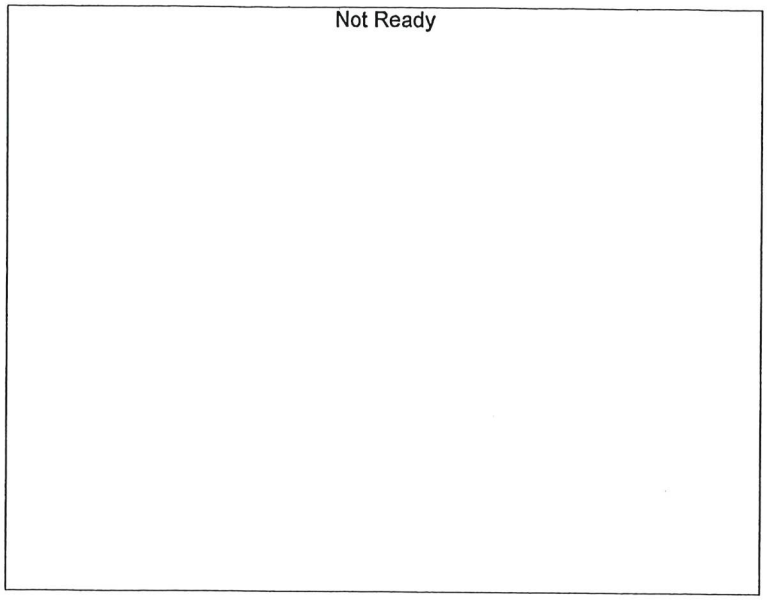
Name : Ethanol
Detector Name: FID2
Function : f(x)=2.32658*x-0.0120808
R^2 value= 0.9998608
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	20884	0.0522
2	0.100	42200	0.1001
3	0.200	84069	0.1967
4	0.300	130134	0.2995
5	0.500	233441	0.5013



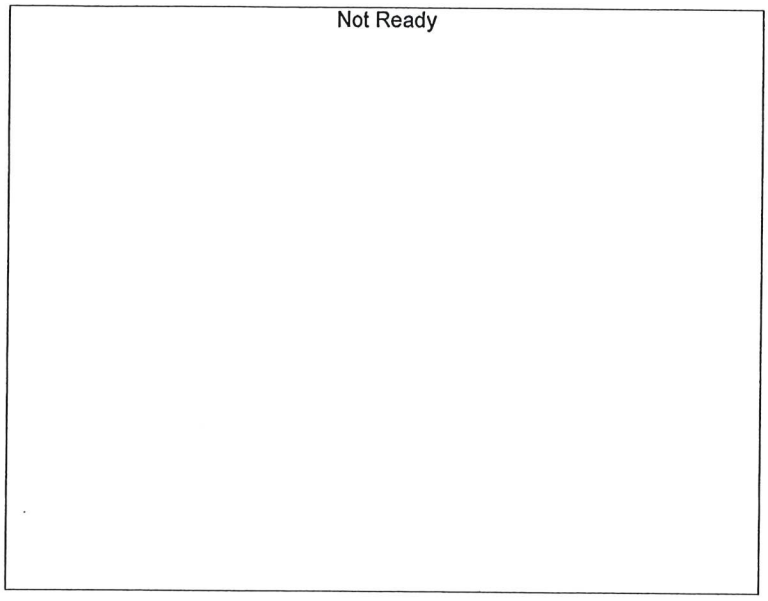
Name : Acetone
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	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

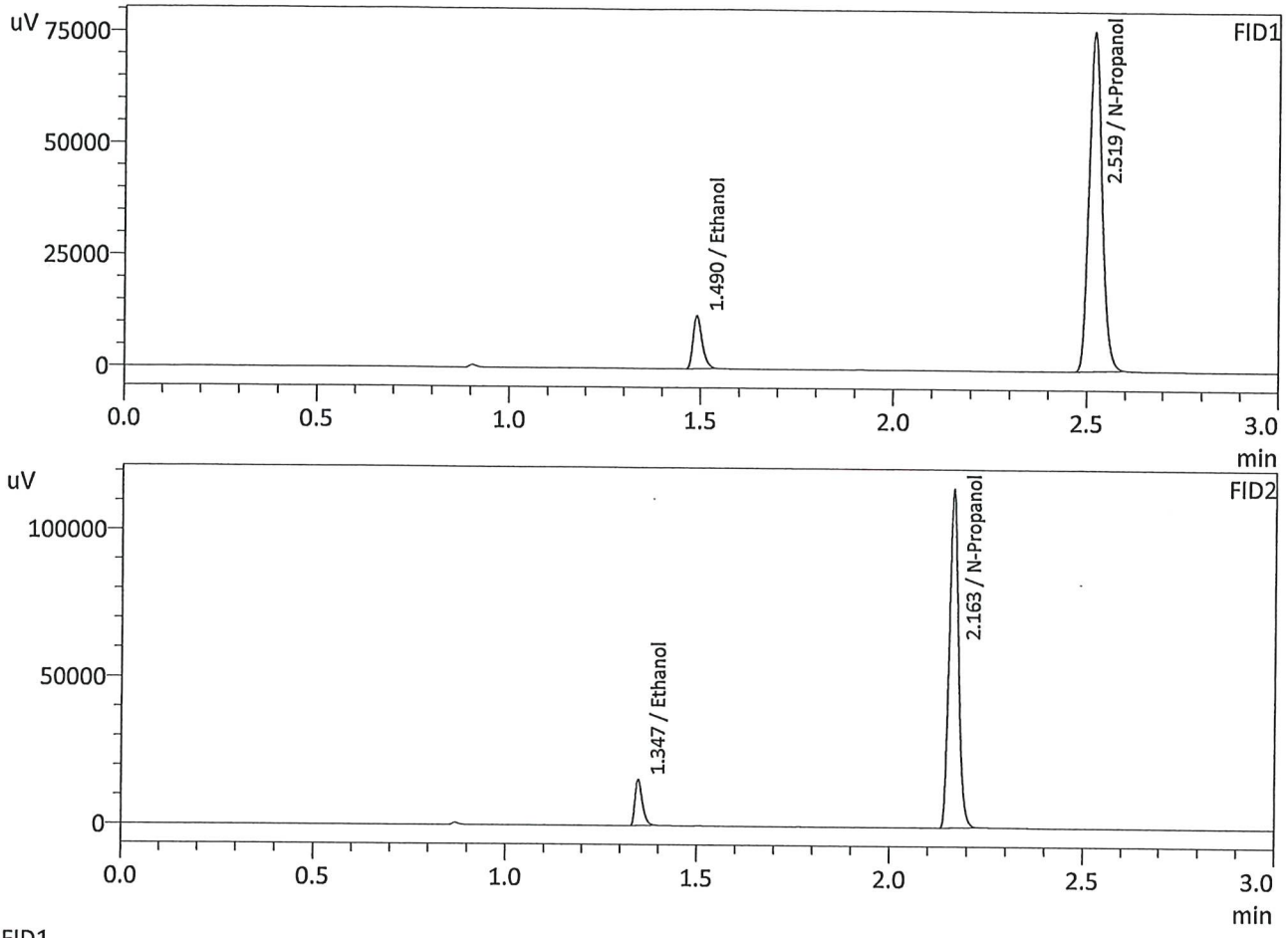
#	Conc.	Area	Std. Conc.



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 : 2/7/2024 11:00:15 AM
Vial # : 1
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



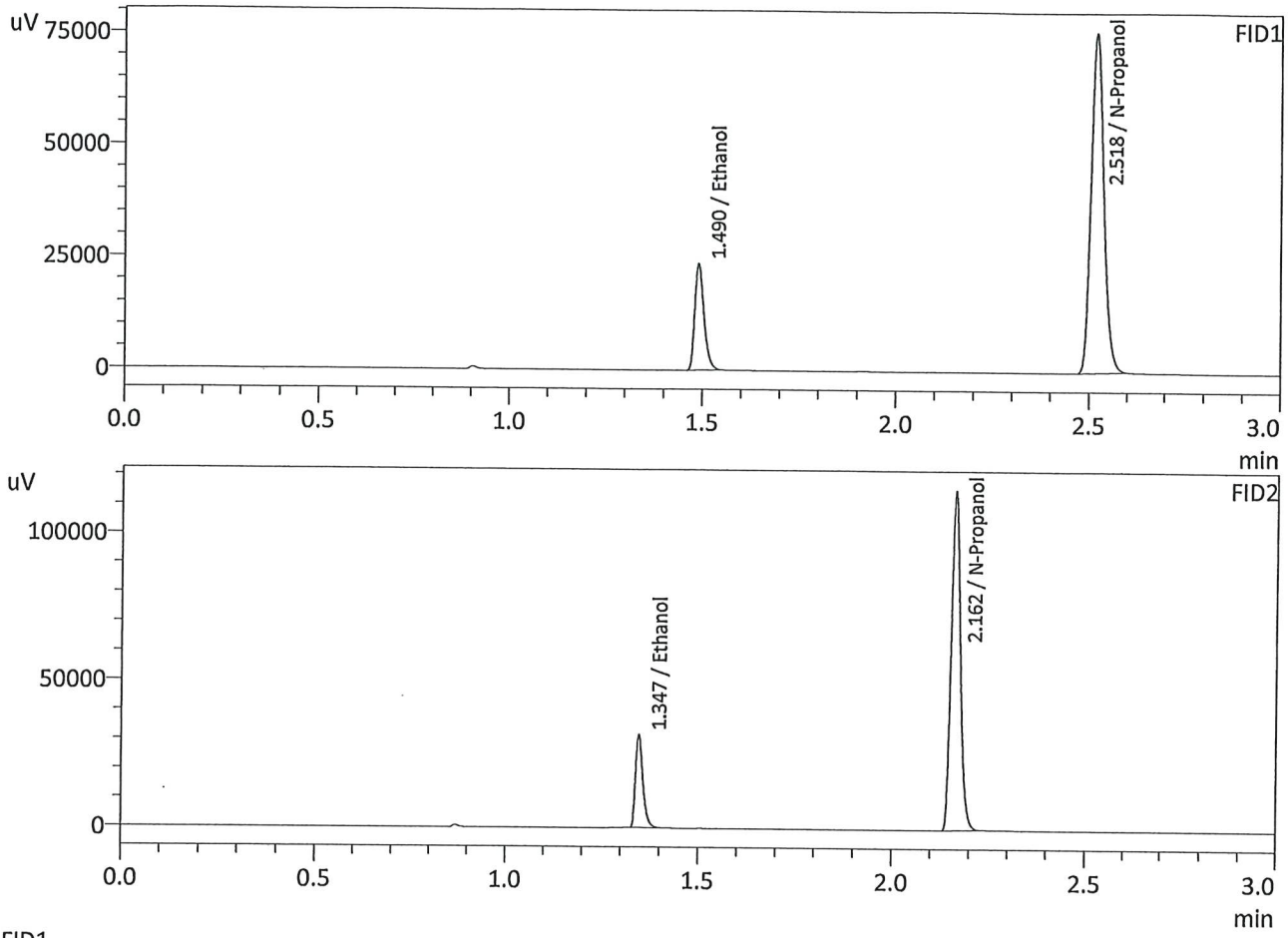
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0525	19559	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	177058	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0522	20884	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	190801	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.100
Laboratory : Meridian
Injection Date : 2/7/2024 11:07:36 AM
Vial # : 2
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



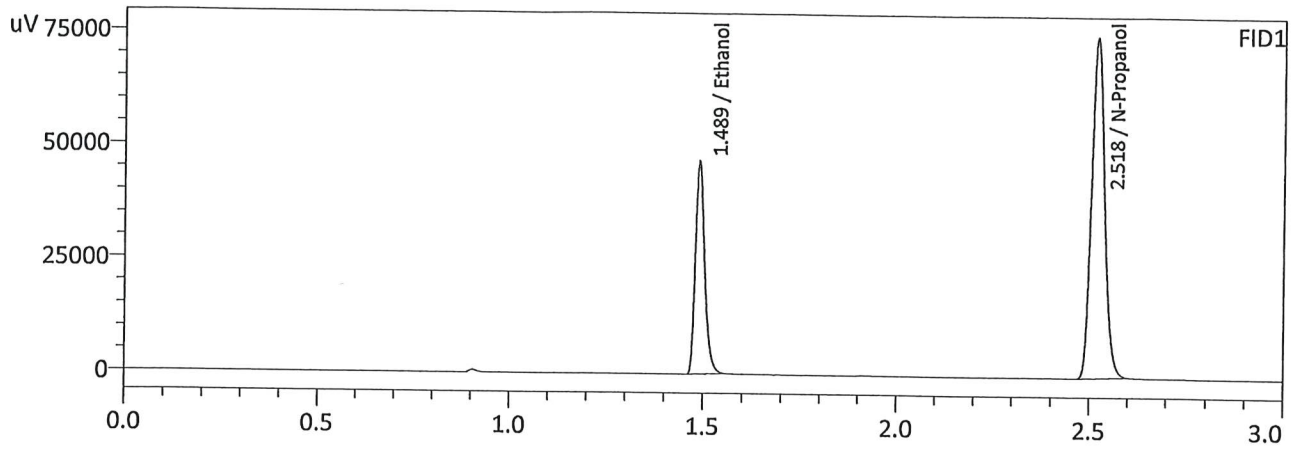
FID1

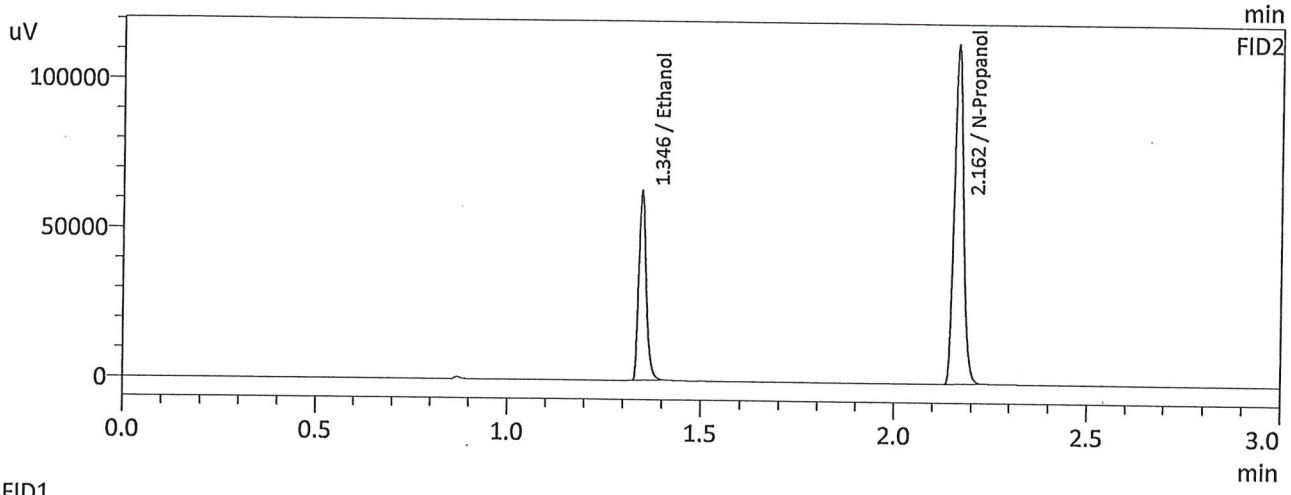
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1003	39064	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	176921	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1001	42200	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	190962	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.200
Laboratory : Meridian
Injection Date : 2/7/2024 11:14:55 AM
Vial # : 3
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409





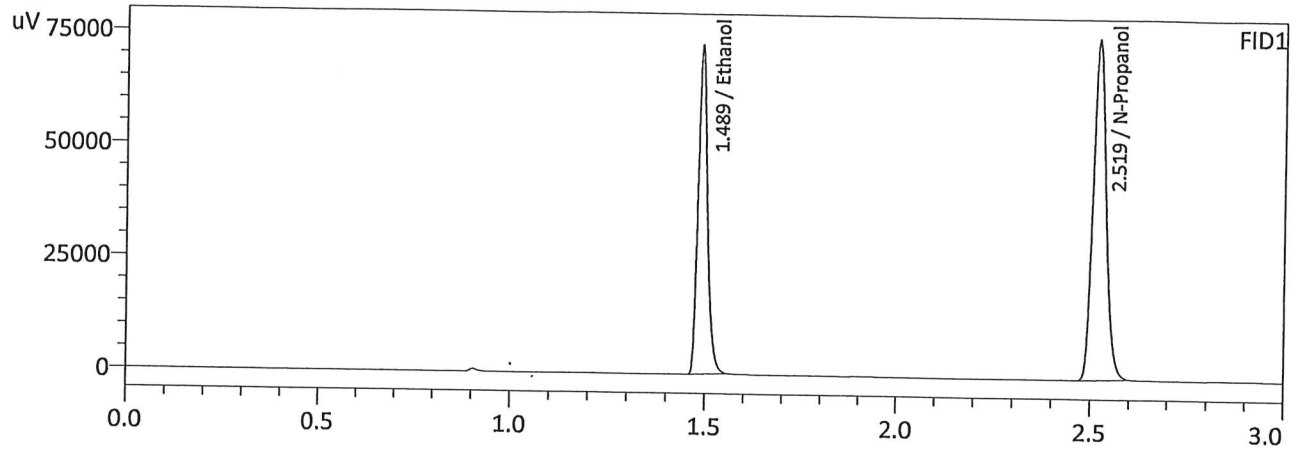
FID1

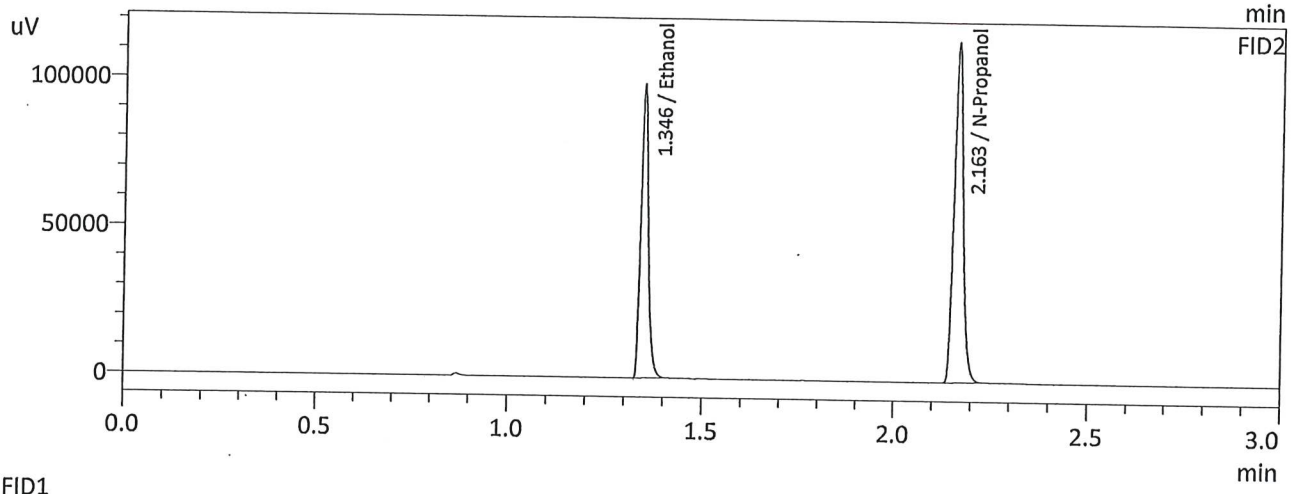
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1959	77239	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	174961	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1967	84069	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	188673	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.300
Laboratory : Meridian
Injection Date : 2/7/2024 11:23:50 AM
Vial # : 4
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

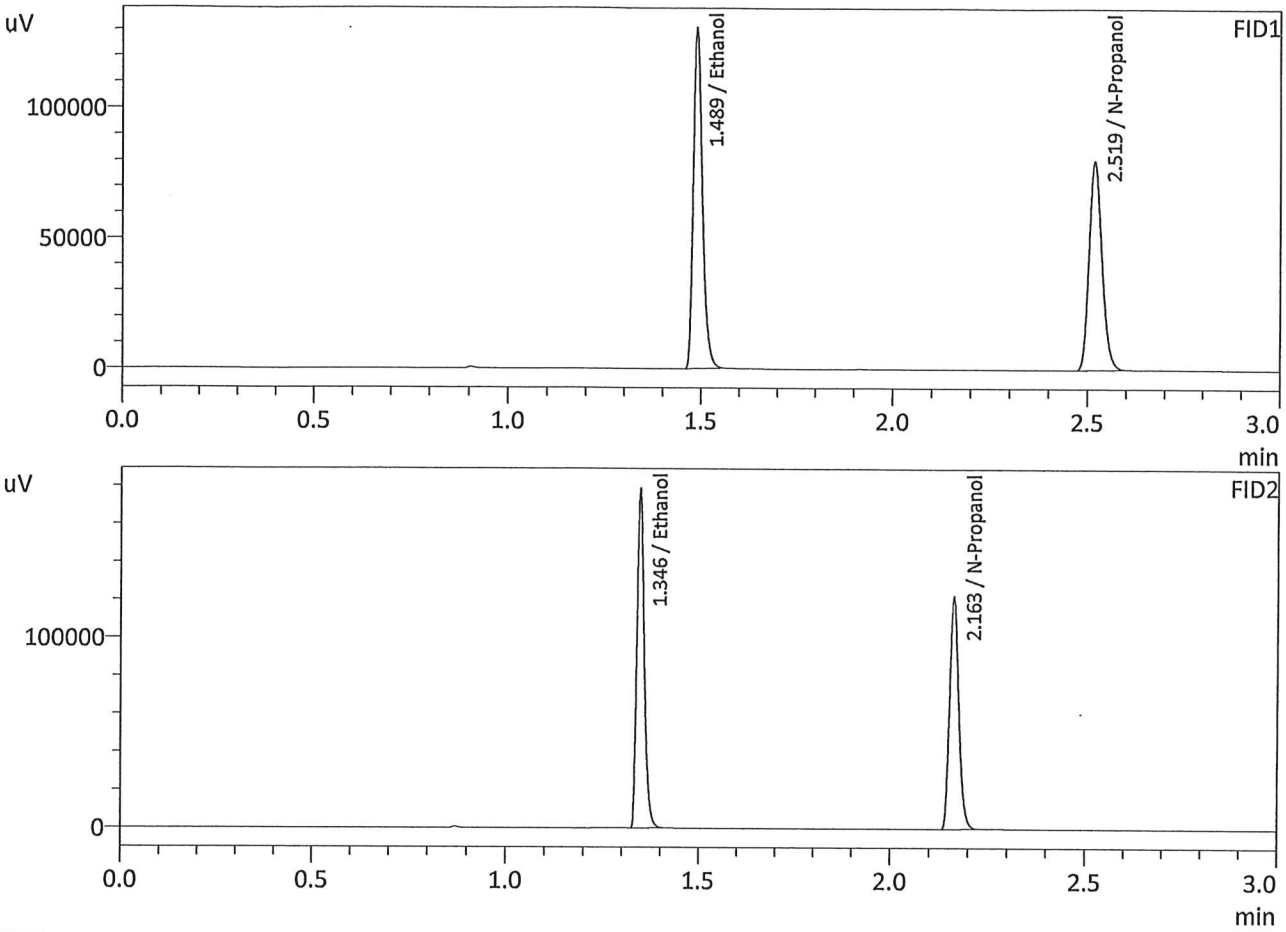
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2997	119928	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	176032	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2995	130134	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	190019	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

Sample Name : 0.500
Laboratory : Meridian
Injection Date : 2/7/2024 11:31:15 AM
Vial # : 5
Method Filename : Default Project - ALCOHOL_240207GG.gcm
Instrument #GC/HS : C12255750548 / C12595800409



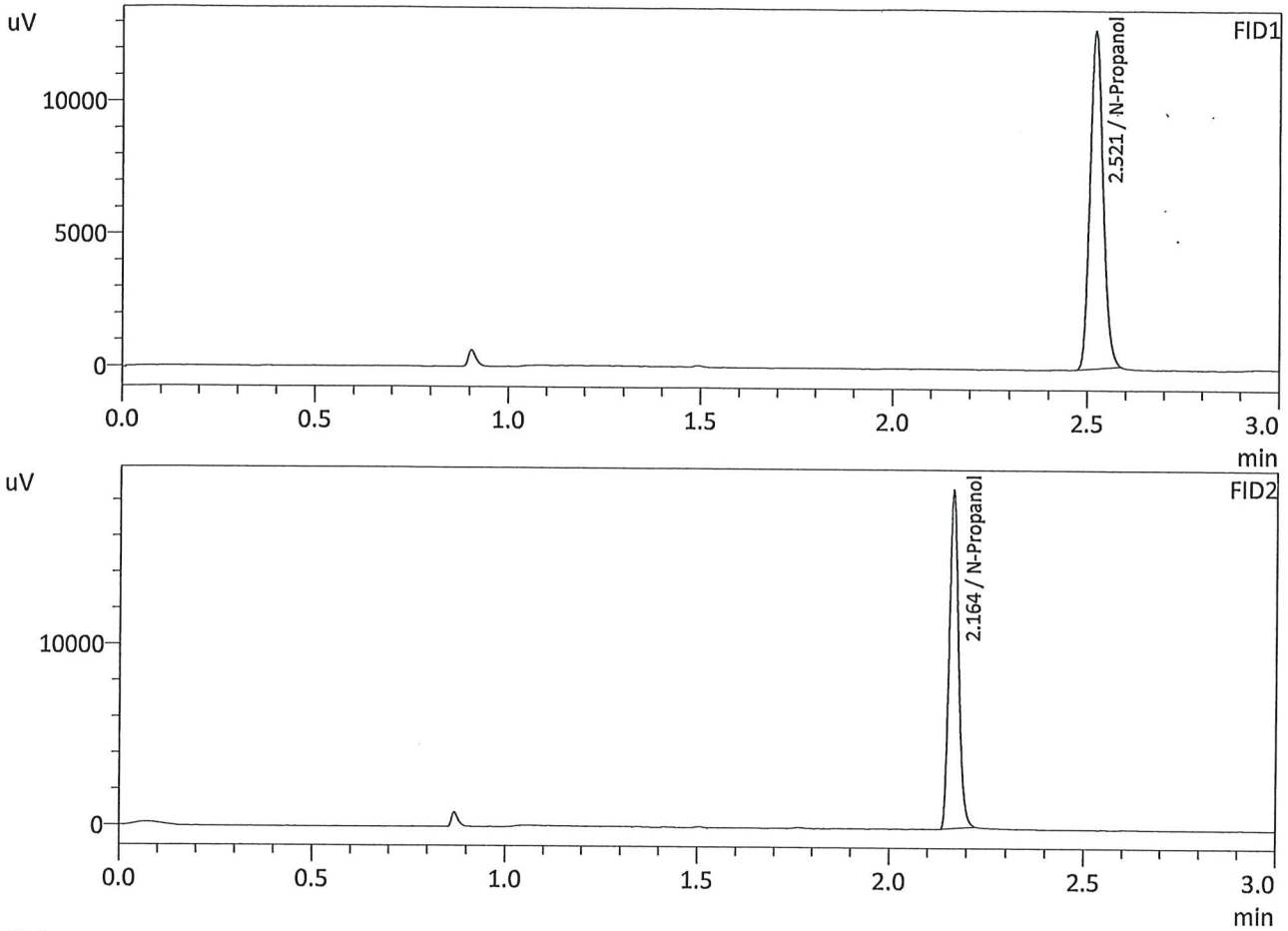
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5014	214694	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	187189	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5013	233441	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	202236	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK
Laboratory : Meridian
Injection Date : 2/7/2024 11:39:51 AM
Vial # : 6
Method Filename : Default Project - ALCOHOL_240207GG.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	29874	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	31578	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

W

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	0:Unknown	1	ALCOHOL 240207GG.gcm
2	0.100	0:Unknown	2	ALCOHOL 240207GG.gcm
3	0.200	0:Unknown	3	ALCOHOL 240207GG.gcm
4	0.300	0:Unknown	4	ALCOHOL 240207GG.gcm
5	0.500	0:Unknown	5	ALCOHOL 240207GG.gcm
6	INT STD BLK	0:Unknown	0	ALCOHOL 240207GG.gcm