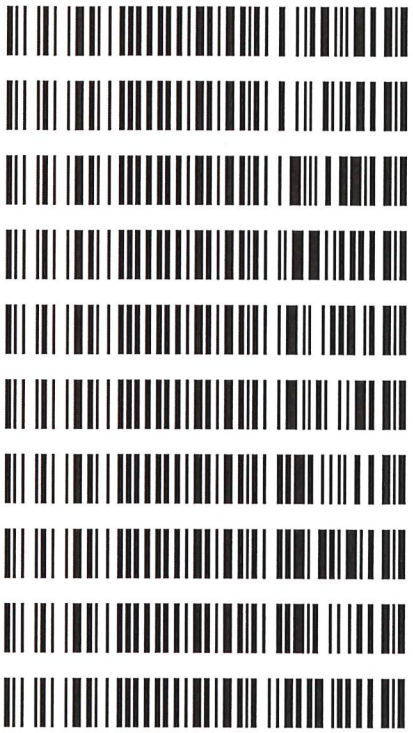
9/9/2021

Worklist: 5229

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2021-1918	1	BCK	Alcohol Analysis
C2021-1923	1	BCK	Alcohol Analysis
C2021-1948	1	BCK	Alcohol Analysis
C2021-1960	1	BCK	Alcohol Analysis
C2021-1981	1	BCK	Alcohol Analysis
C2021-1982	2	BCK	Alcohol Analysis
C2021-2002	1	BCK	Alcohol Analysis
C2021-2004	1	BCK	Alcohol Analysis
C2021-2012	1	BCK	Alcohol Analysis
C2021-2025	1	BCK	Alcohol Analysis



Region 1 CDA Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C1225850700
Shimadzu HS-20 Serial #C12595700181
Lab Solutions Software Ver. 5.99

Vial#	Sample Name	Sample Type	Level#	Method File
1	INT STD BLK 1	0:Unknown	0	ALCOHOL (short).GCM
2	0.050	1:Standard:(R)	1	ALCOHOL (short).GCM
3	0.100	1:Standard:(R)	2	ALCOHOL (short).GCM
4	0.200	1:Standard:(R)	3	ALCOHOL (short).GCM
5	0.300	1:Standard:(R)	4	ALCOHOL (short).GCM
6	0.500	1:Standard:(R)	5	ALCOHOL (short).GCM
7	INT STD BLK 2	0:Unknown	0	ALCOHOL (short).GCM
8	MULTI-COMP MIX	1:Standard:(R)	6	ALCOHOL (short).GCM
9	INT STD BLK 3	0:Unknown	0	ALCOHOL (short).GCM
10	QC-2-1-A	0:Unknown	0	ALCOHOL (short).GCM
11	QC-2-1-B	0:Unknown	0	ALCOHOL (short).GCM
12	0.08 QA - A	0:Unknown	0	ALCOHOL (short).GCM
13	0.08 QA - B	0:Unknown	0	ALCOHOL (short).GCM
14	C2021-1918-1-A	0:Unknown	0	ALCOHOL (short).GCM
15	C2021-1918-1-B	0:Unknown	0	ALCOHOL (short).GCM
16	C2021-1923-1-A	0:Unknown	0	ALCOHOL (short).GCM
17	C2021-1923-1-B	0:Unknown	0	ALCOHOL (short).GCM
18	C2021-1948-1-A	0:Unknown	0	ALCOHOL (short).GCM
19	C2021-1948-1-B	0:Unknown	0	ALCOHOL (short).GCM
20	C2021-1960-1-A	0:Unknown	0	ALCOHOL (short).GCM
21	C2021-1960-1-B 9/14/21	0:Unknown	0	ALCOHOL (short).GCM
22	C2021-1~~961~~-1-A 1981 JJ	0:Unknown	0	ALCOHOL (short).GCM
23	C2021-1~~961~~-1-B 1981 JJ	0:Unknown	0	ALCOHOL (short).GCM
24	C2021-1982-2-A	0:Unknown	0	ALCOHOL (short).GCM
25	C2021-1982-2-B	0:Unknown	0	ALCOHOL (short).GCM
26	C2021-2002-1-A	0:Unknown	0	ALCOHOL (short).GCM
27	C2021-2002-1-B	0:Unknown	0	ALCOHOL (short).GCM
28	C2021-2004-1-A	0:Unknown	0	ALCOHOL (short).GCM
29	C2021-2004-1-B	0:Unknown	0	ALCOHOL (short).GCM
30	C2021-2012-1-A	0:Unknown	0	ALCOHOL (short).GCM
31	C2021-2012-1-B	0:Unknown	0	ALCOHOL (short).GCM
32	QC-2-2-A	0:Unknown	0	ALCOHOL (short).GCM
33	QC-2-2-B	0:Unknown	0	ALCOHOL (short).GCM
34	C2021-2025-1-A	0:Unknown	0	ALCOHOL (short).GCM
35	C2021-2025-1-B	0:Unknown	0	ALCOHOL (short).GCM
36	QC1-1-A	0:Unknown	0	ALCOHOL (short).GCM
37	QC1-1-B	0:Unknown	0	ALCOHOL (short).GCM
38	INT STD BLNK	0:Unknown	0	ALCOHOL (short).GCM

JJ

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600HC11379

Volatiles Quality Assurance Controls **Run Date(s):9-10-2021**

worklist #5229

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0768 g/100cc
					g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1971 g/100cc
					0.2003 g/100cc
					g/100cc
Multi-Component mixture:		**Jul-22**	**Lot #**	FN07101701	OK
Curve Fit:		**Column 1**	0.99978	**Column2**	0.99966

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0464	0.0460	0.0004	0.0462
100	0.100	0.090 - 0.110	0.0953	0.0944	0.0009	0.0948
200	0.200	0.180 - 0.220	0.1950	0.1938	0.0012	0.1944
300	0.300	0.270 - 0.330	0.2957	0.2948	0.0009	0.2952
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5058	0.5070	0.0012	0.5064

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.079 g/100cc

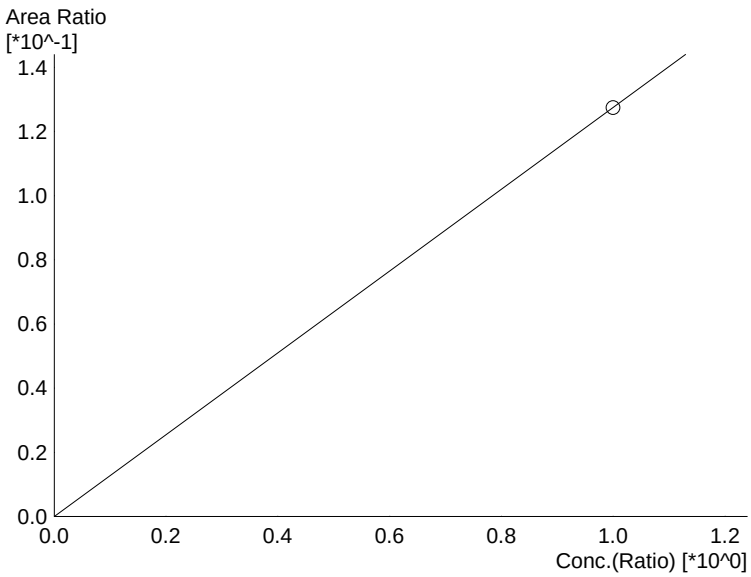
REVIEWED
By RCutler at 9:09 am, Sep 15, 2021

I reviewed all the data on 9/14/21, everything was fine but there were a couple of typos on this spreadsheet that needed to be corrected, that analyst corrected and rescanned today. RC 9/15/21

Calibration Table

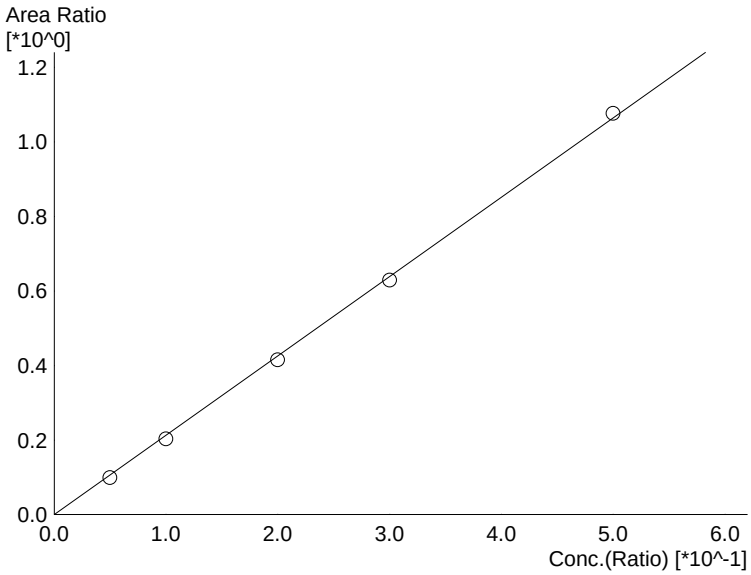
Laboratory : Coeur d' Alene
Instrument Name : Nexis GC2030
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Batch File :C:\LabSolutions\Data\9-10-21\MASTER TEMPLATE.gcb
Date Acquired :9/10/2021 1:19:28 PM
Date Created :9/10/2021 1:16:32 PM
Date Modified :9/10/2021 1:25:30 PM



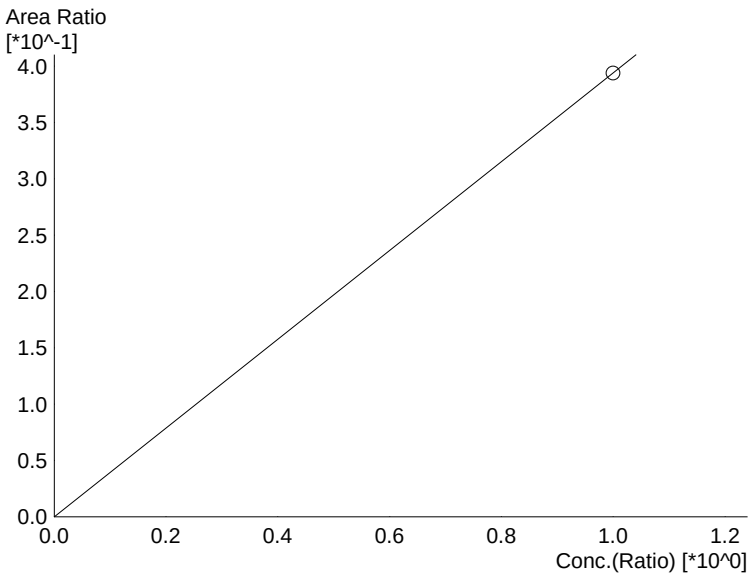
Name : Methanol
Detector Name: FID1
Function : f(x)=0.127433*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	30284	1.0000



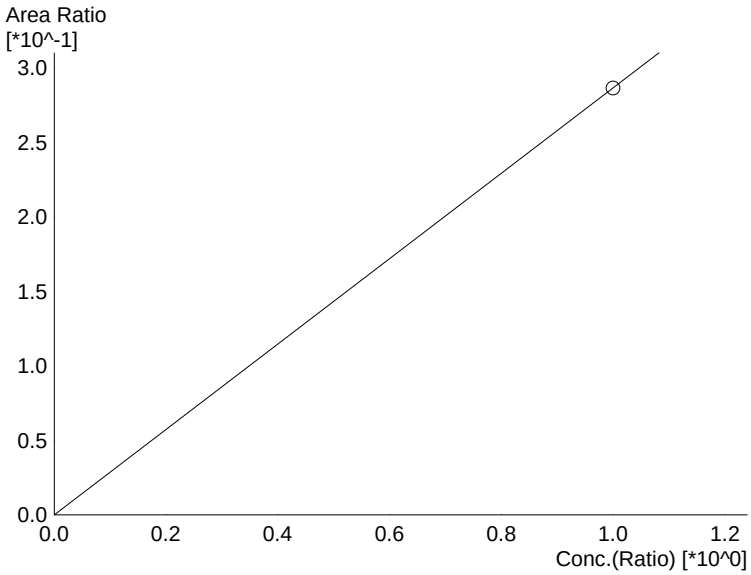
Name : Ethanol
Detector Name: FID1
Function : f(x)=2.12784*x+0
R^2 value= 0.9997867
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
1	0.050	20226	0.0464
2	0.100	43154	0.0953
3	0.200	87105	0.1950
4	0.300	134441	0.2957
5	0.500	225762	0.5058



Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.393794*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	93584	1.0000



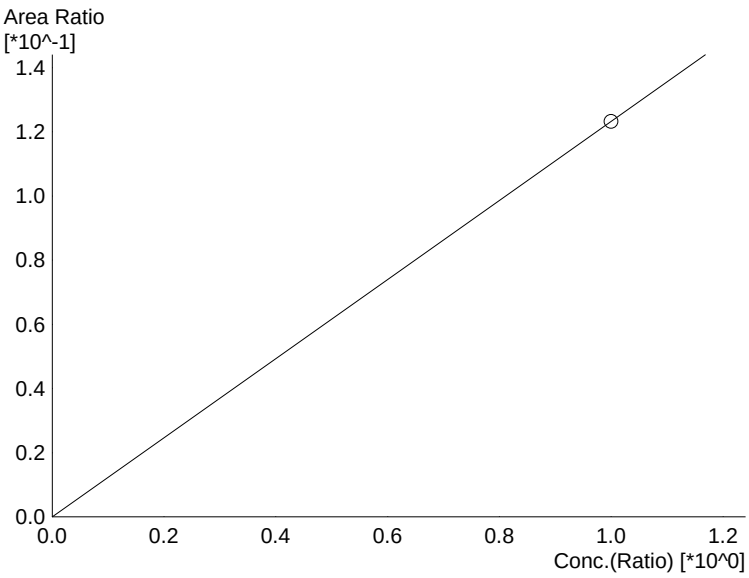
Name : Acetone
Detector Name: FID1
Function : f(x)=0.286358*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	68052	1.0000

Not Ready

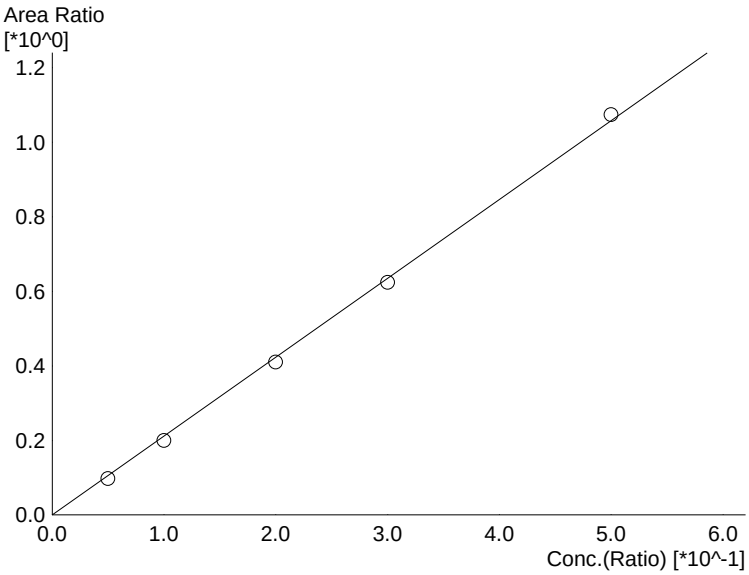
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.



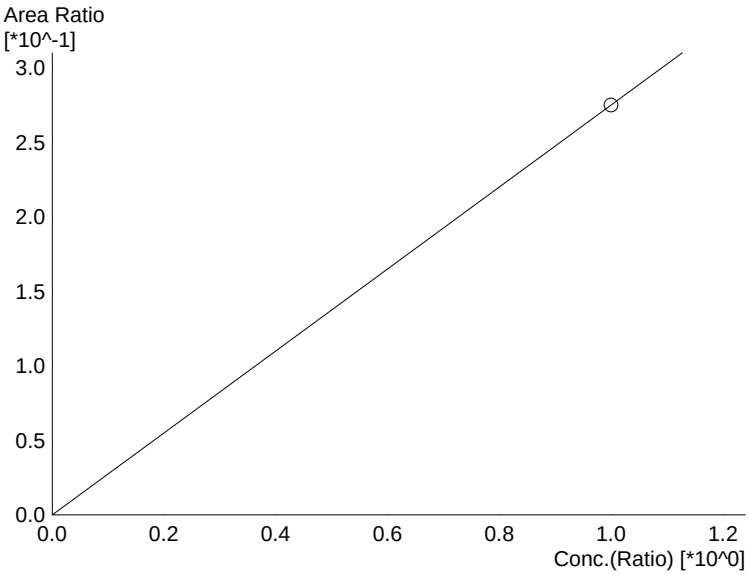
Name : Methanol
Detector Name: FID2
Function : f(x)=0.123234*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	30743	1.0000



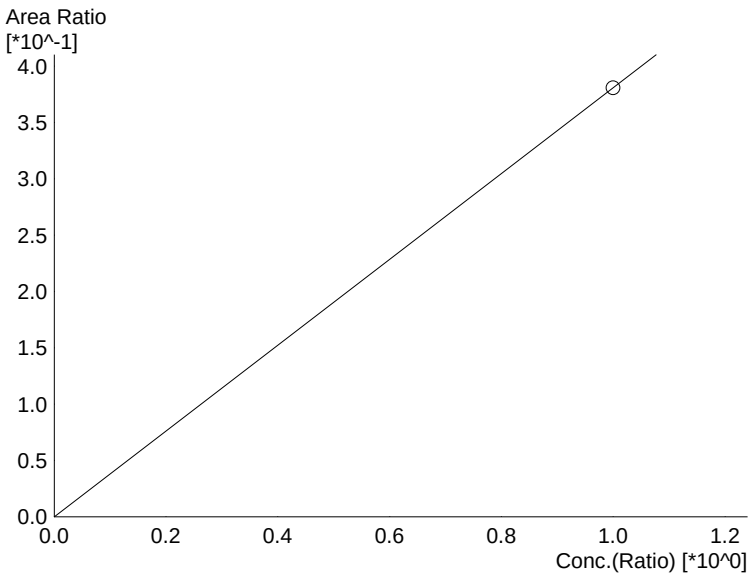
Name : Ethanol
Detector Name: FID2
Function : f(x)=2.11693*x+0
R^2 value= 0.9996643
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
1	0.050	20895	0.0460
2	0.100	44602	0.0944
3	0.200	90150	0.1938
4	0.300	139249	0.2948
5	0.500	234834	0.5070



Name : Acetone
Detector Name: FID2
Function : f(x)=0.274928*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	68587	1.0000



Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.380565*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

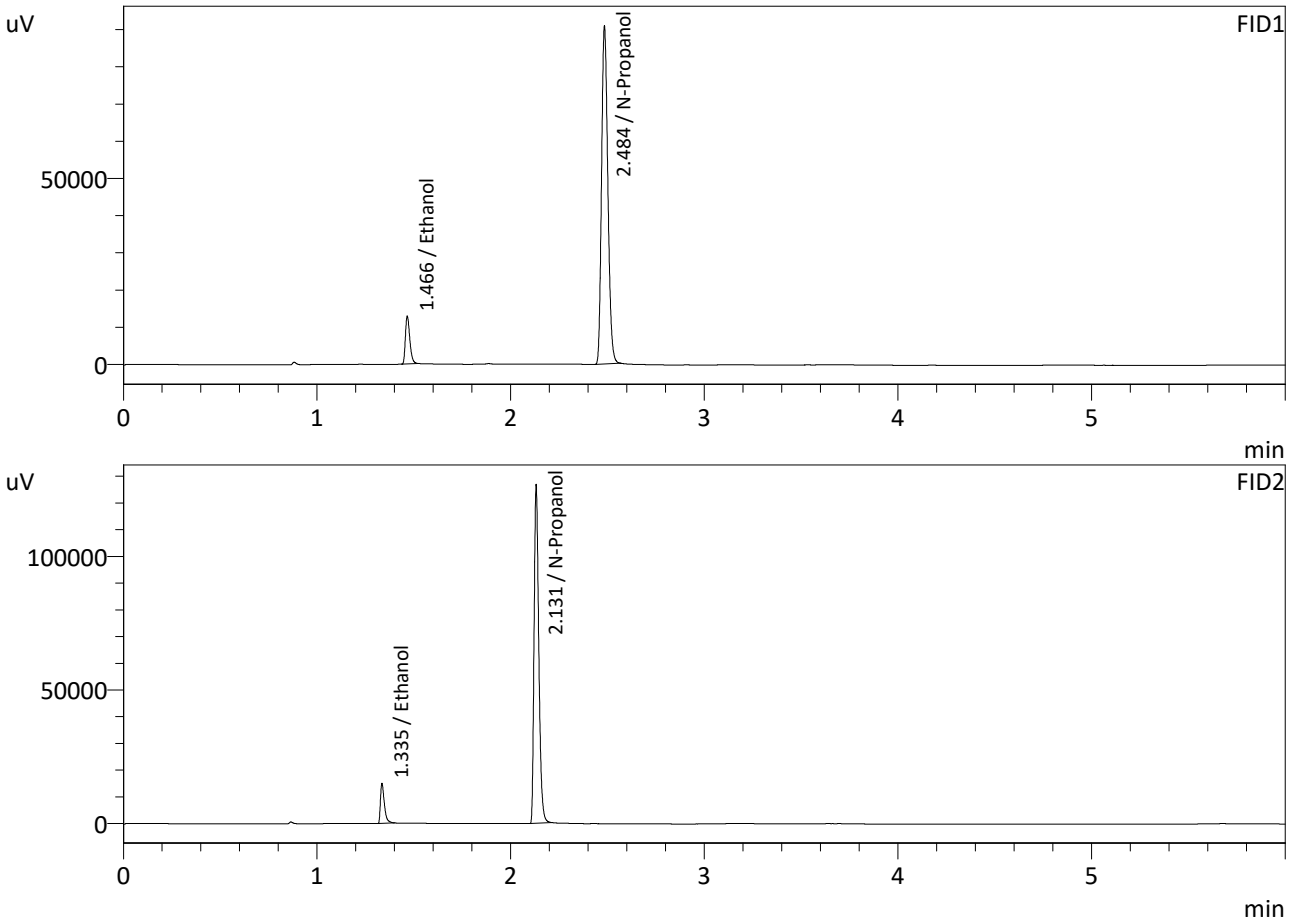
#	Conc.	Area	Std. Conc.
6	1.000	94940	1.0000

Not Ready

Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.

Sample Name	: 0.050
Laboratory	: Coeur d' Alene Lab
Injection Date	: 9/10/2021 12:43:17 PM
Vial #	: 2
Method Filename	: C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS	: C12255850700 / C12595700181



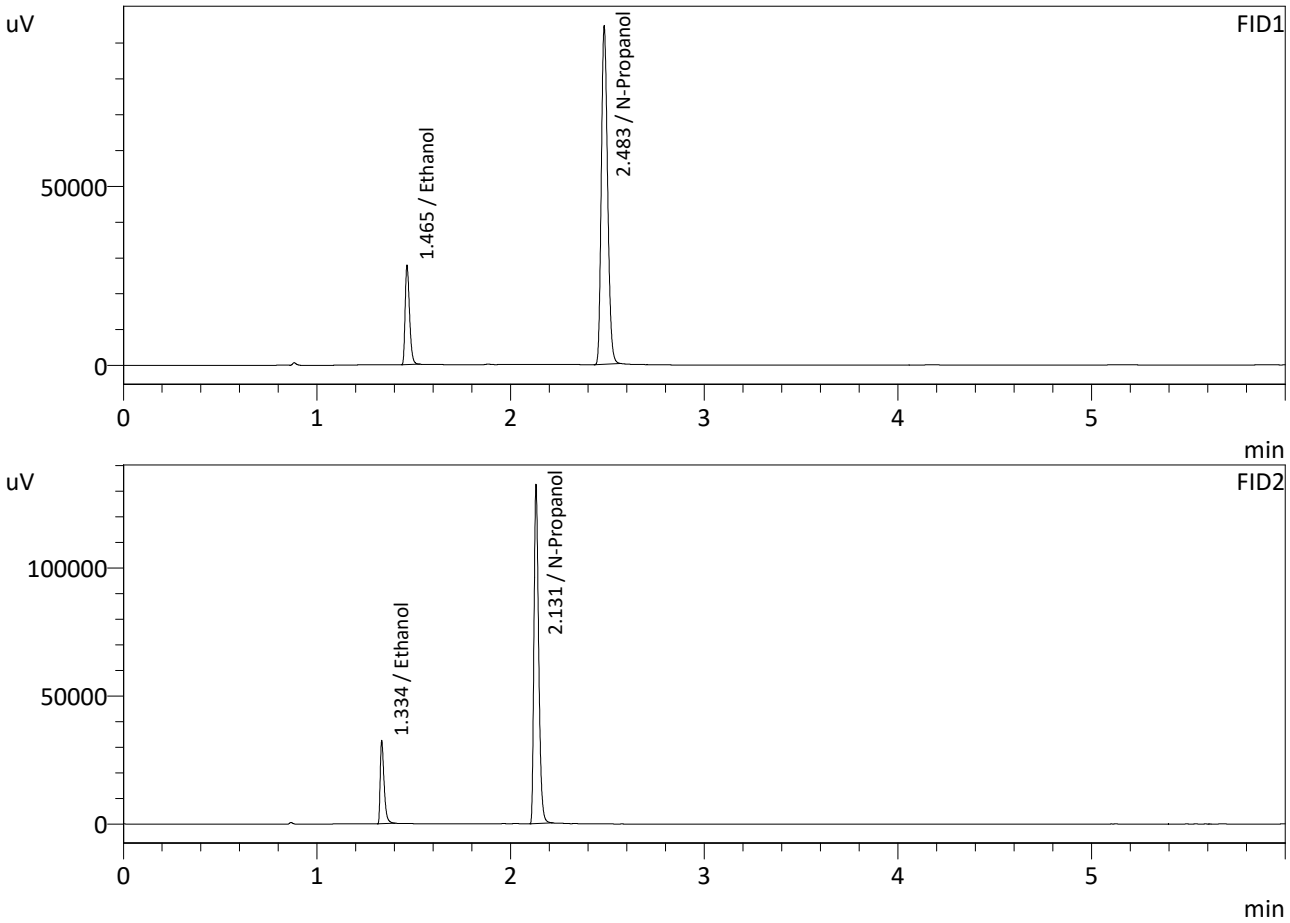
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0464	20226	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	204633	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0460	20895	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	214168	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.100
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 12:52:19 PM
Vial # : 3
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



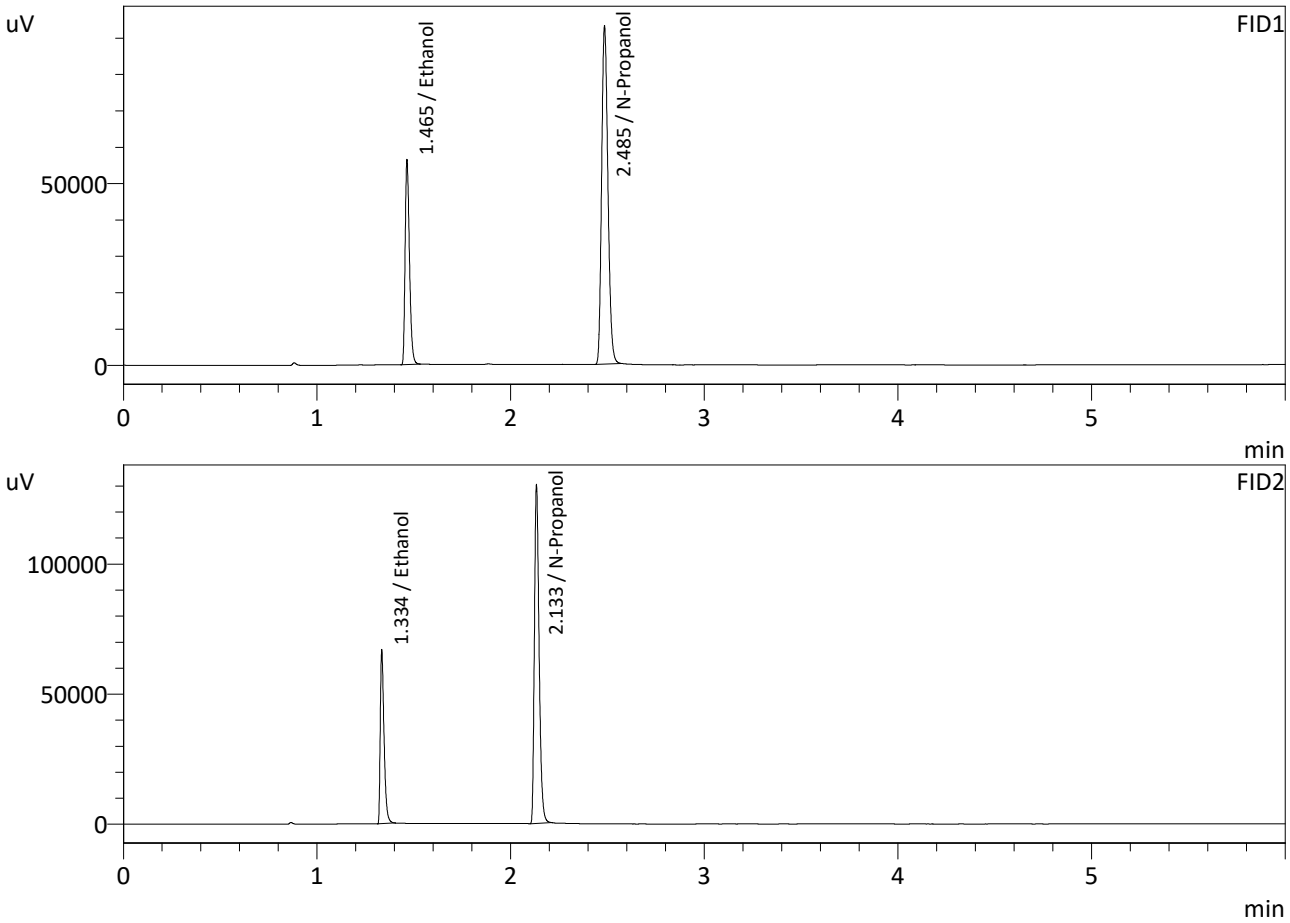
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0953	43154	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	212752	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0944	44602	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	223128	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.200
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 1:01:22 PM
Vial # : 4
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



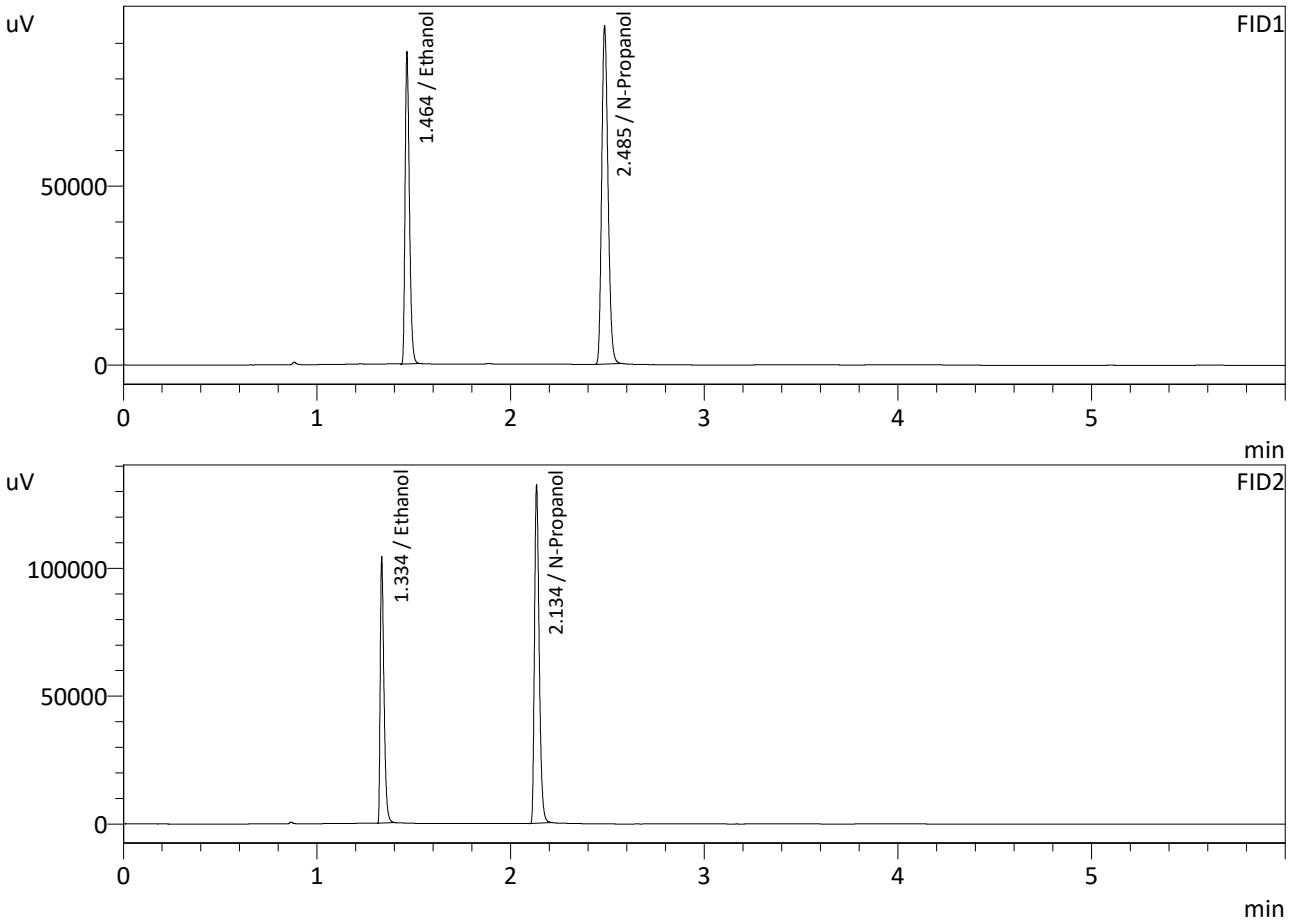
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1950	87105	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	209904	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1938	90150	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	219660	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name	: 0.300
Laboratory	: Coeur d' Alene Lab
Injection Date	: 9/10/2021 1:10:26 PM
Vial #	: 5
Method Filename	: C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS	: C12255850700 / C12595700181



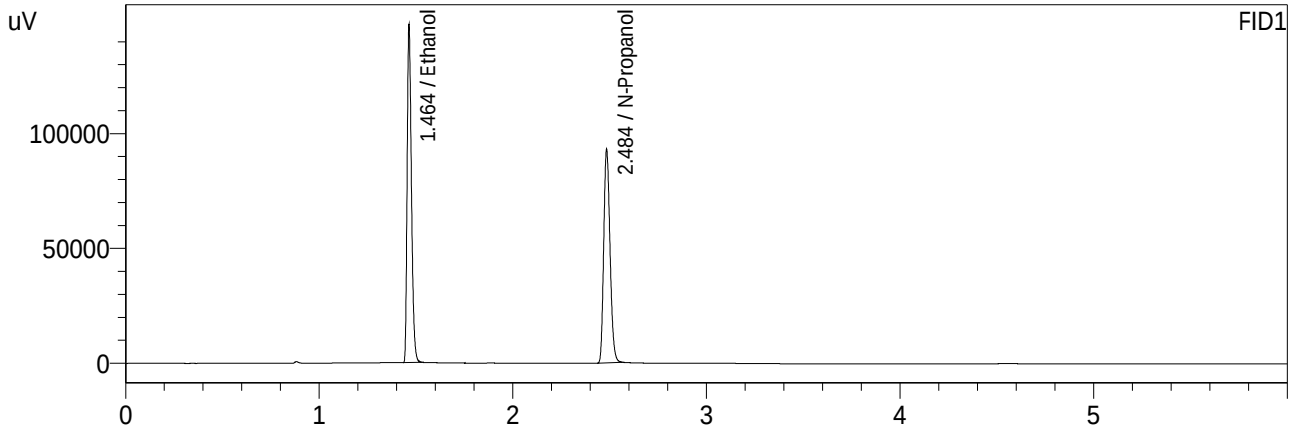
FID1

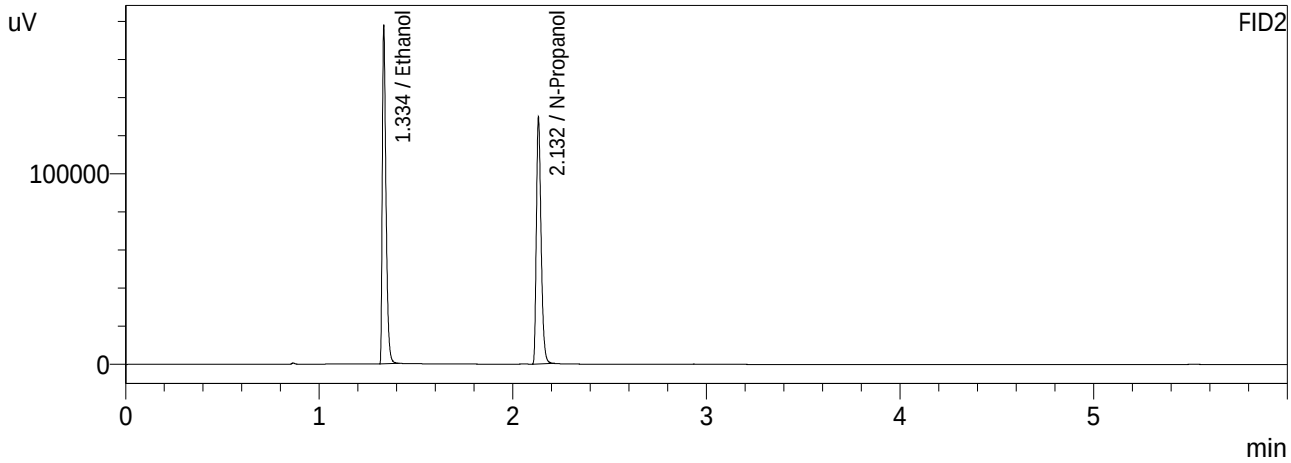
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2957	134441	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	213632	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2948	139249	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	223117	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.500
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 1:19:28 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





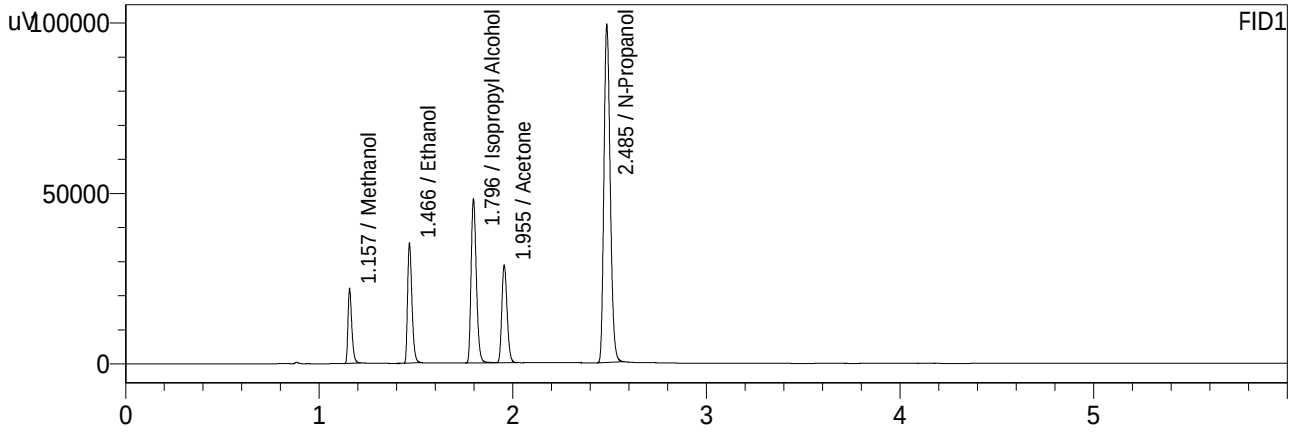
FID1

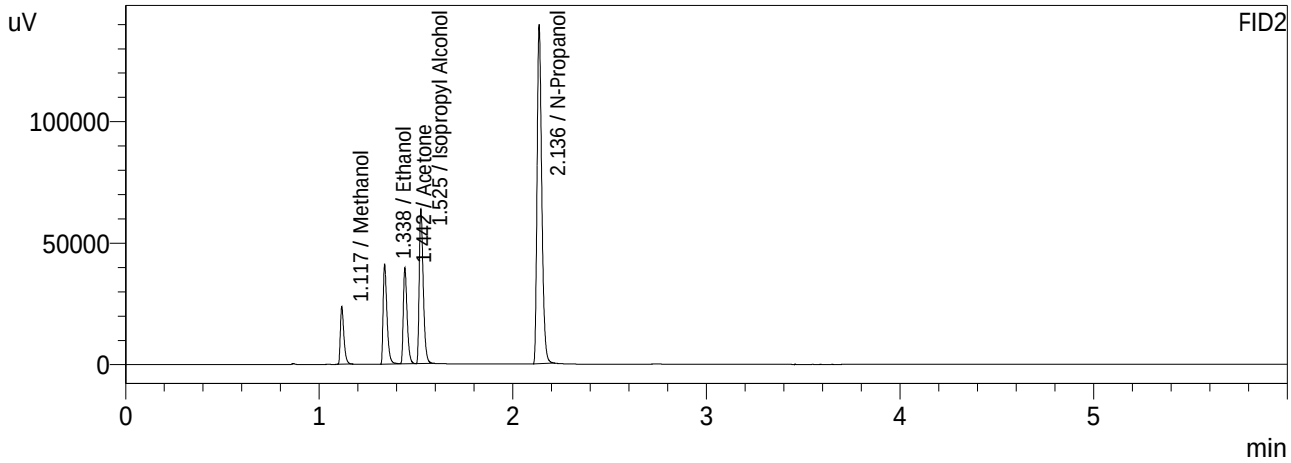
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5058	225762	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	209753	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5070	234834	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	218770	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : MULTI-COMP MIX
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 1:37:34 PM
Vial # : 8
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





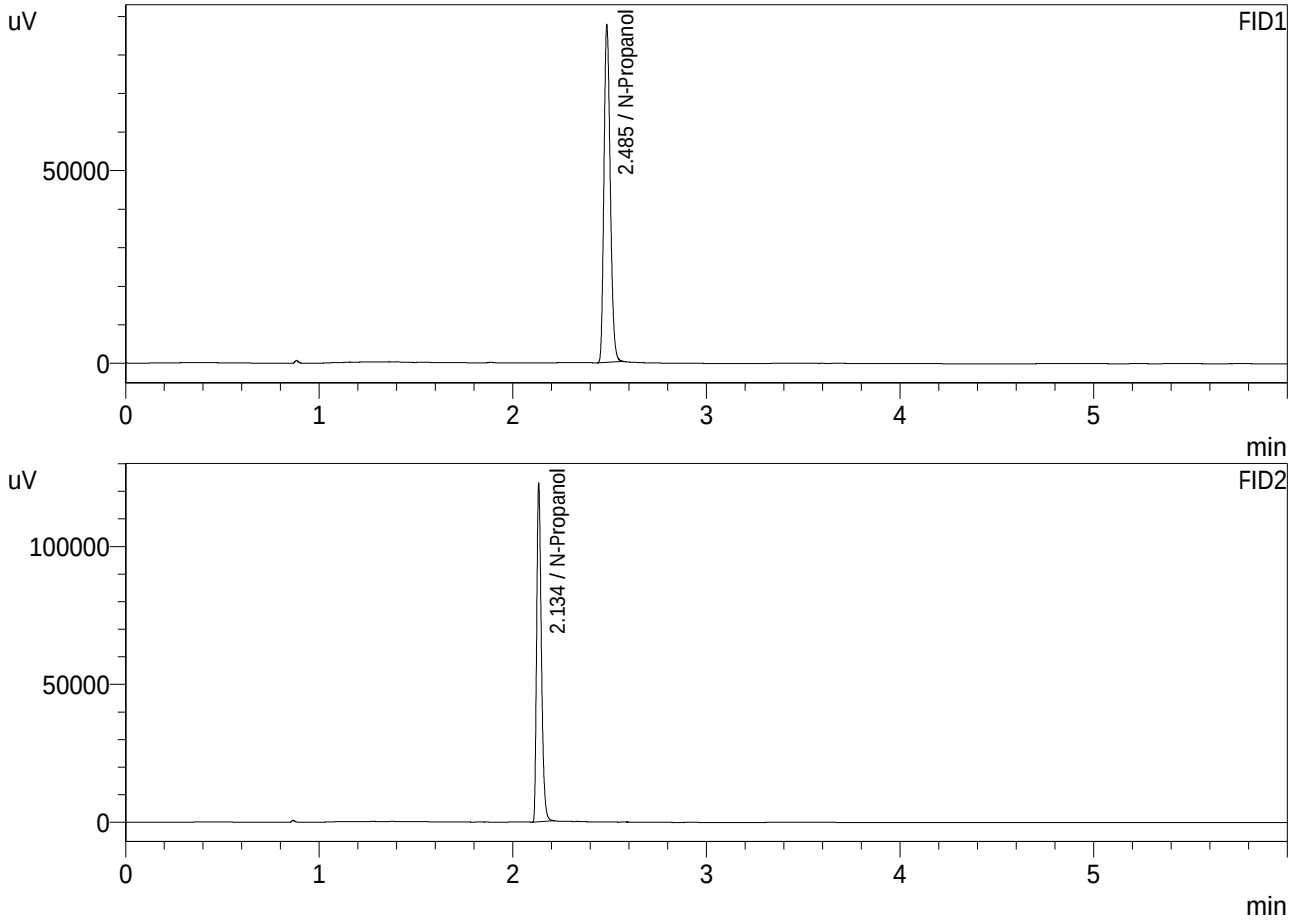
FID1

Name	Conc.	Area	Unit
Methanol	1.0000	29933	g/100cc
Ethanol	0.1155	54944	g/100cc
Isopropyl Alcohol	1.0000	90511	g/100cc
Acetone	1.0000	54294	g/100cc
N-Propanol	0.0000	223507	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	30351	g/100cc
Ethanol	0.1135	56523	g/100cc
Acetone	1.0000	54355	g/100cc
Isopropyl Alcohol	1.0000	91634	g/100cc
N-Propanol	0.0000	235104	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 12:34:13 PM
Vial # : 1
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



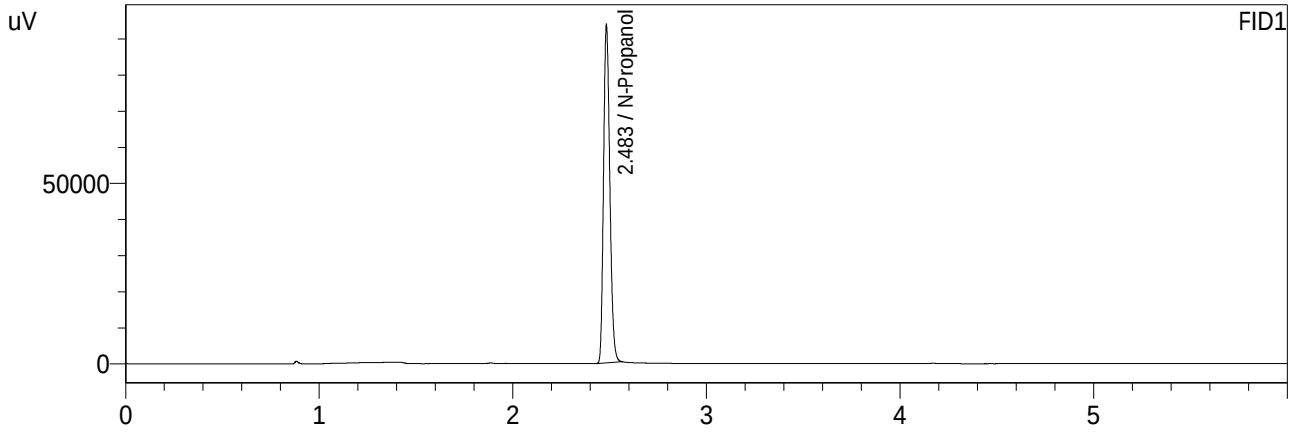
FID1

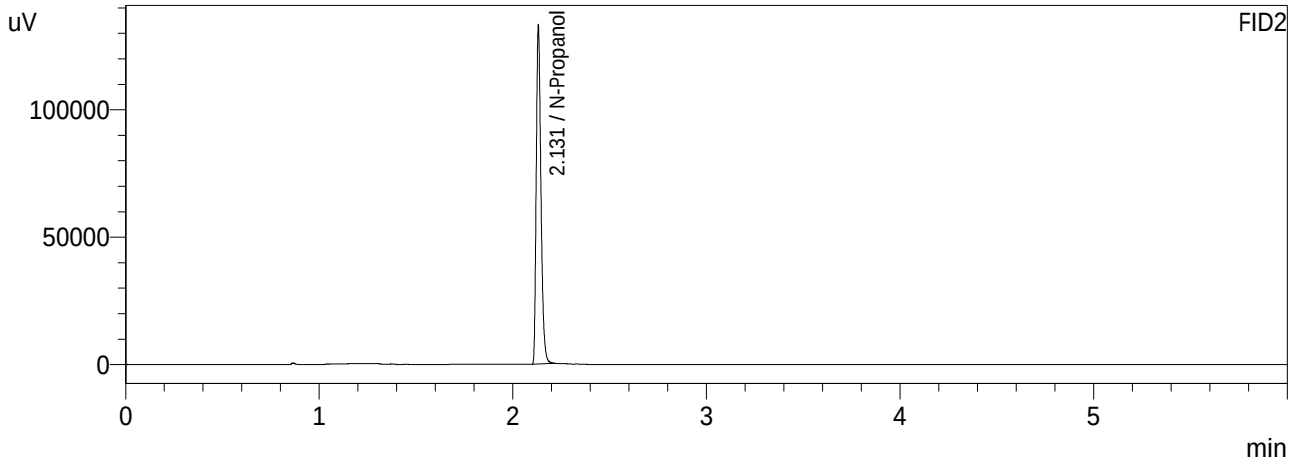
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	197534	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	207941	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 1:28:30 PM
Vial # : 7
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





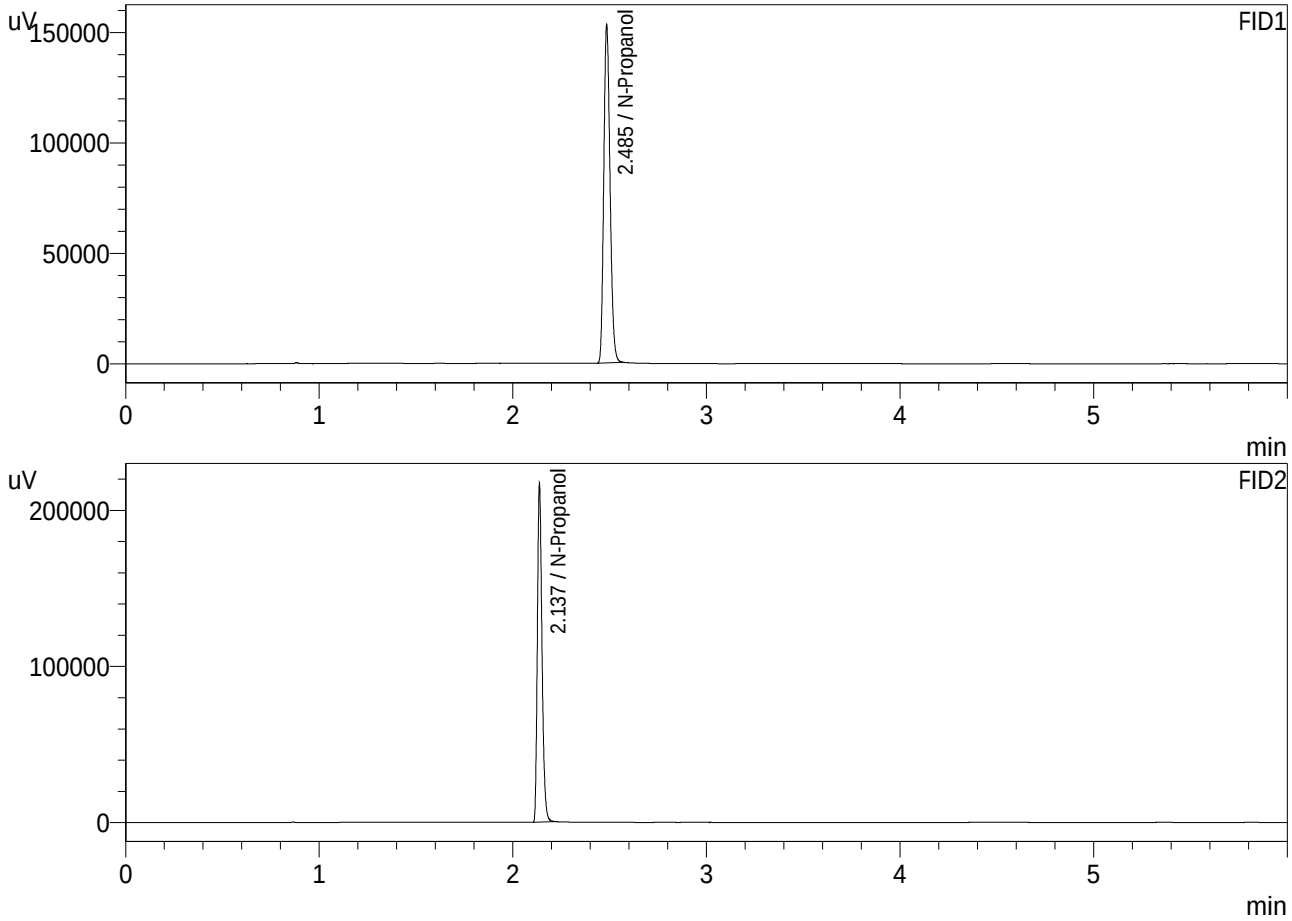
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	210805	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	223864	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLNK
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 6:09:14 PM
Vial # : 38
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	343457	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	362184	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.080 **Analysis Date(s): 9-10-2021**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0805	0.0790	0.0015	0.0797	0.0006	0.0794
(g/100cc)	0.0799	0.0783	0.0016	0.0791		

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%**

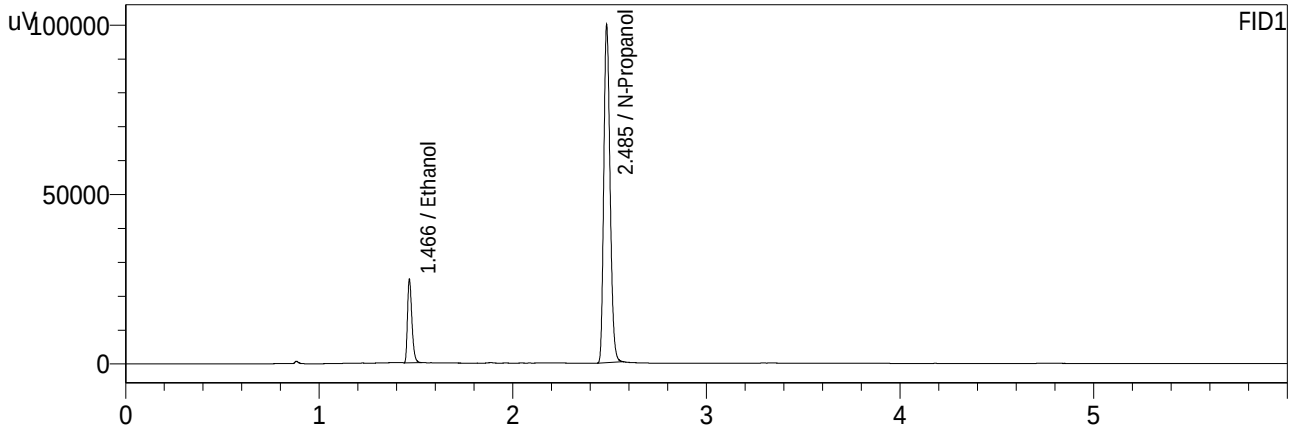
Overall Mean (g/100cc)	Low	High	5% of Mean
0.079	**0.075**	**0.083**	**0.004**

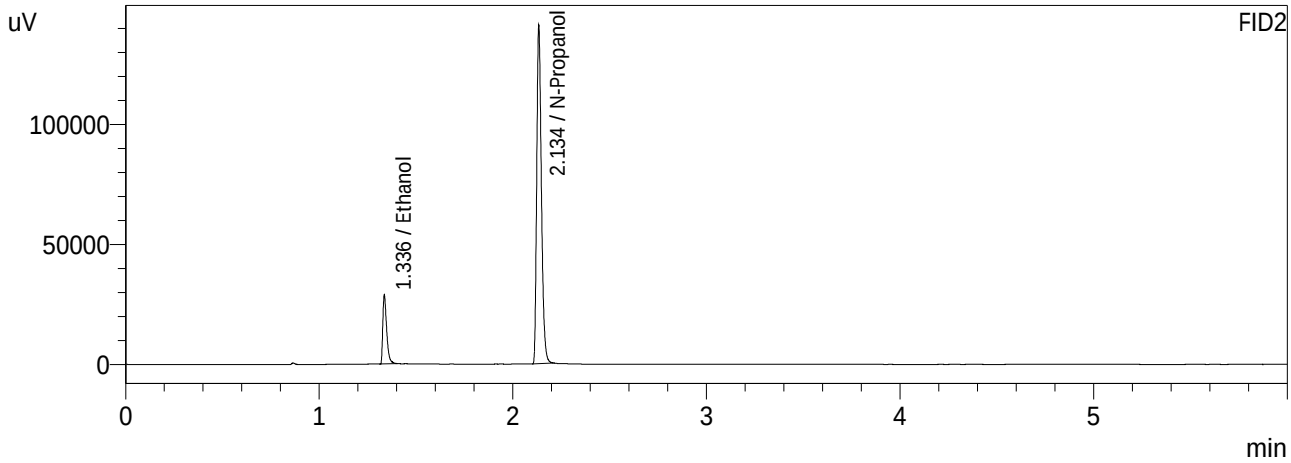
Reported Result

0.079

Calibration and control data are stored centrally.

Sample Name : 0.08 QA - A
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 2:13:45 PM
Vial # : 12
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





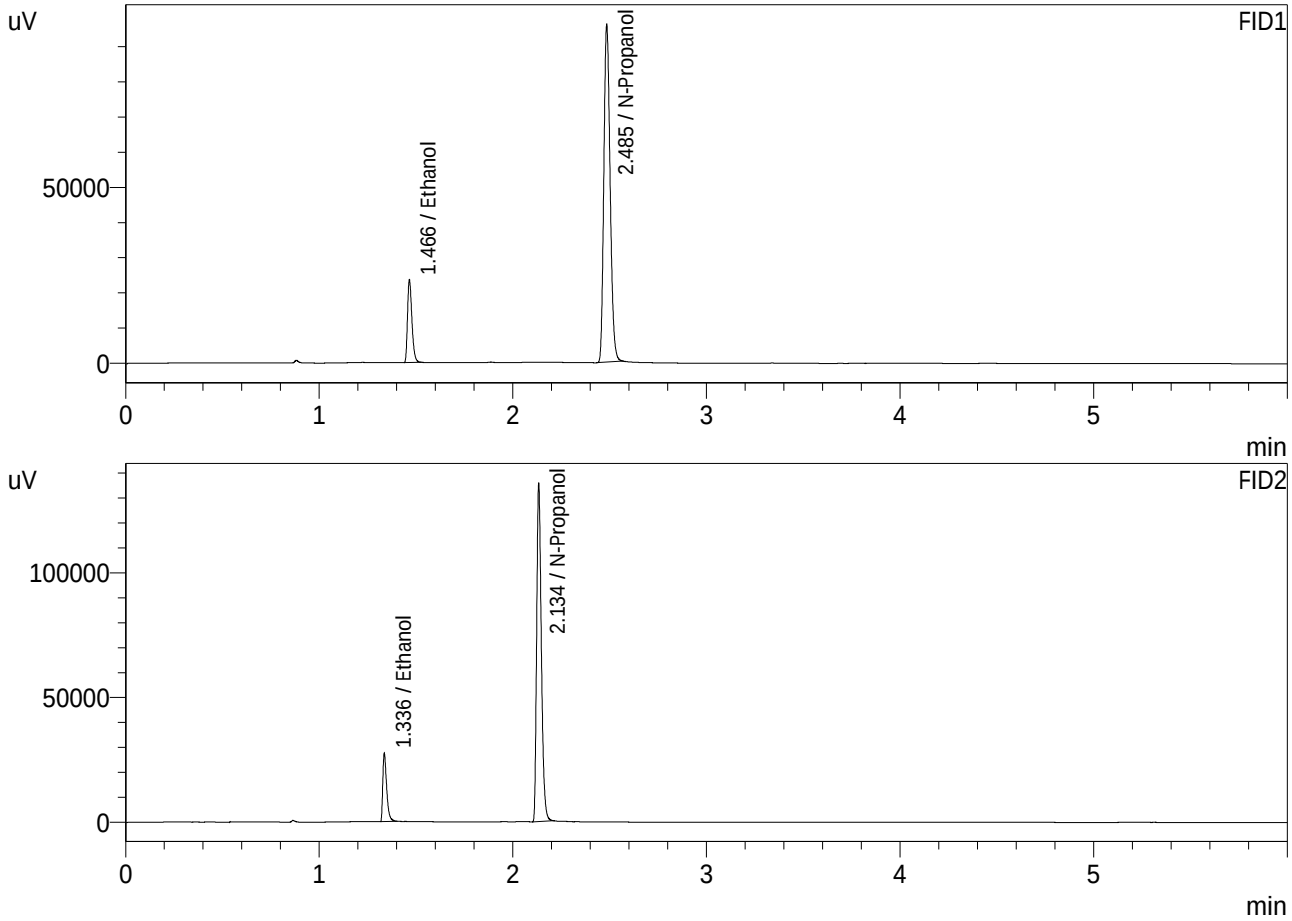
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0805	38533	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	224772	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0790	39752	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	237680	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.08 QA - B
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 2:22:48 PM
Vial # : 13
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0799	36841	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	216602	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0783	37939	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	228751	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 9-10-2021**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1982	0.1954	0.0028	0.1968	0.0006	0.1971
(g/100cc)	0.1988	0.1961	0.0027	0.1974		

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%**

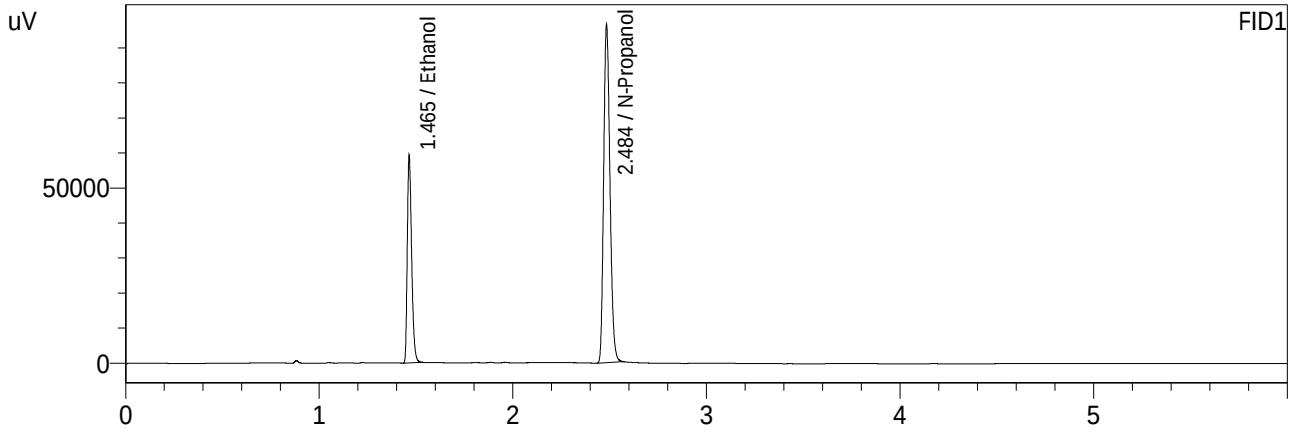
Overall Mean (g/100cc)	Low	High	5% of Mean
0.197	**0.187**	**0.207**	**0.010**

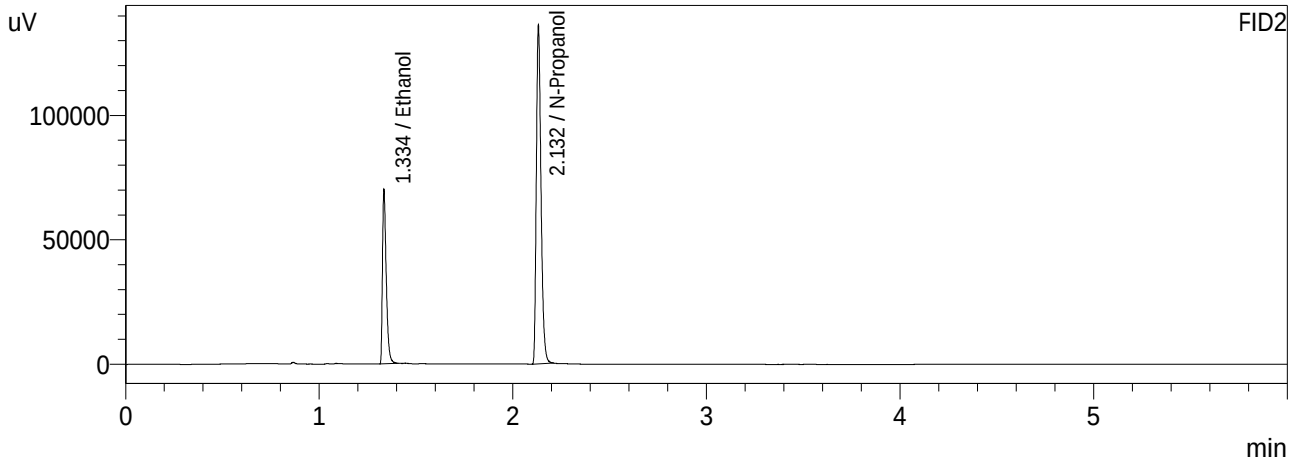
Reported Result

0.197

Calibration and control data are stored centrally.

Sample Name : QC-2-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 1:55:40 PM
Vial # : 10
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





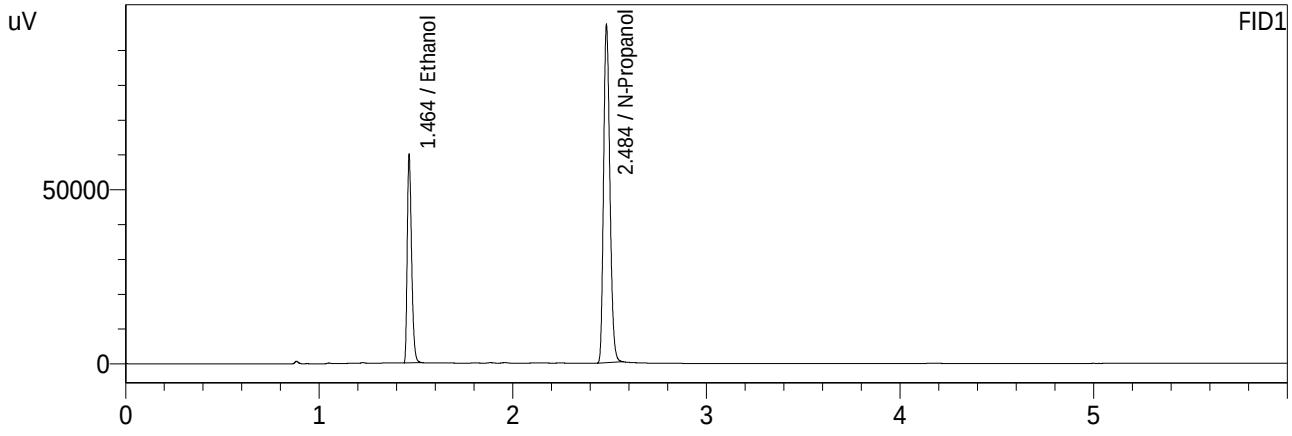
FID1

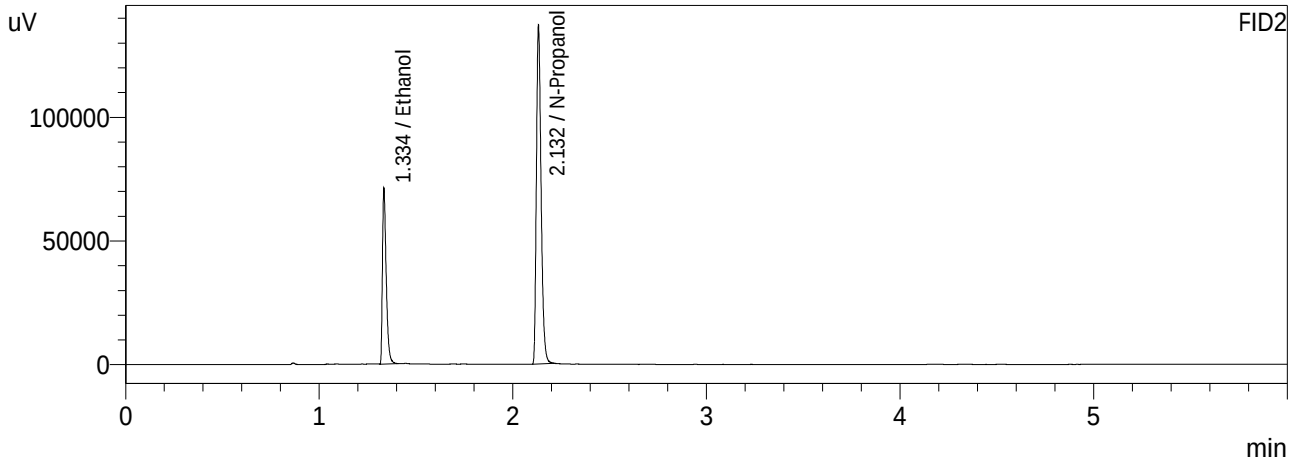
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1982	91873	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	217754	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1954	94672	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	228858	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 2:04:43 PM
Vial # : 11
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1988	92818	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	219318	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1961	95821	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	230718	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 9-10-2021**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2034	0.1997	0.0037	0.2015	0.0004	0.2013
(g/100cc)	0.2028	0.1994	0.0034	0.2011		

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%**

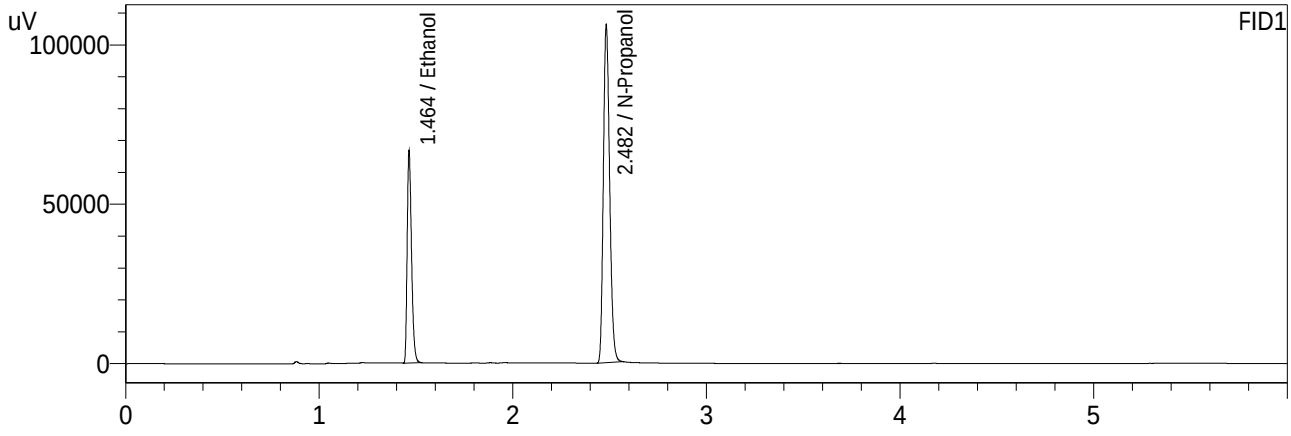
Overall Mean (g/100cc)	Low	High	5% of Mean
0.201	**0.190**	**0.212**	**0.011**

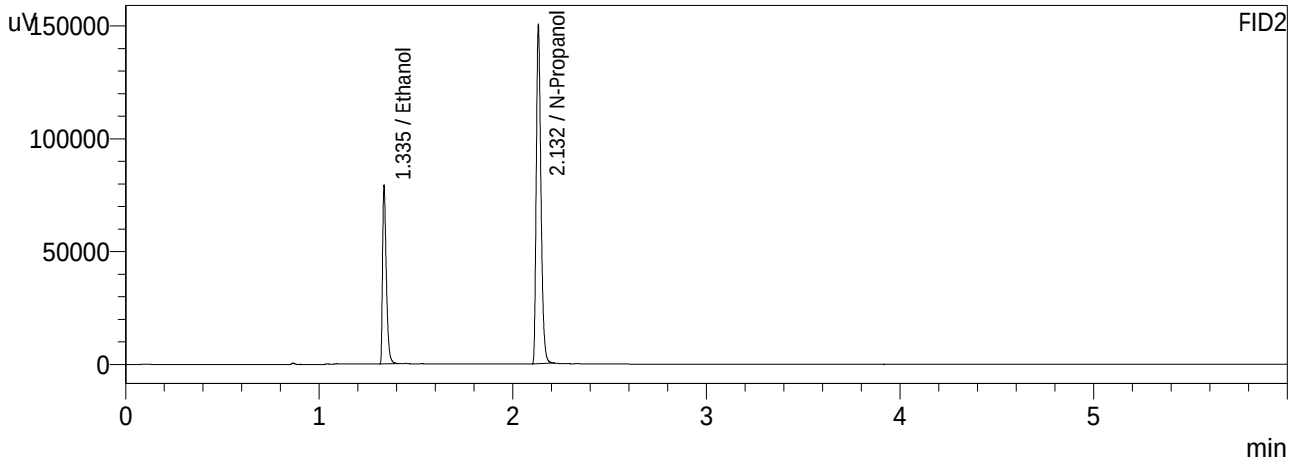
Reported Result

0.201

Calibration and control data are stored centrally.

Sample Name : QC-2-2-A
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 5:14:43 PM
Vial # : 32
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





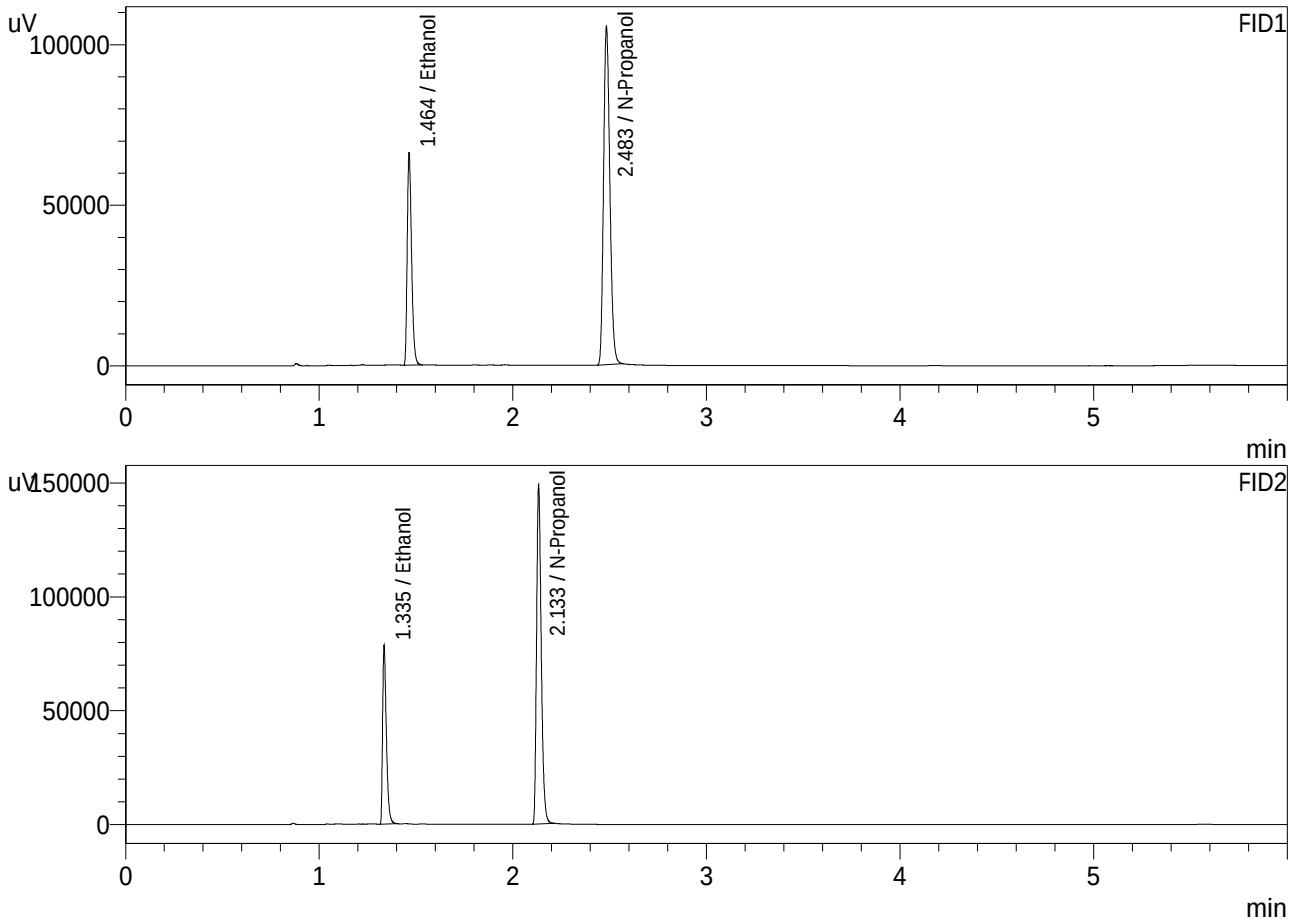
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2034	103402	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	238852	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1997	106529	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	251929	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-2-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 5:23:47 PM
Vial # : 33
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2028	102505	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	237484	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1994	105638	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	250184	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

JJ

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 9-10-2021**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0789	0.0770	0.0019	0.0779	0.0011	0.0785
(g/100cc)	0.0800	0.0781	0.0019	0.0790		

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%**

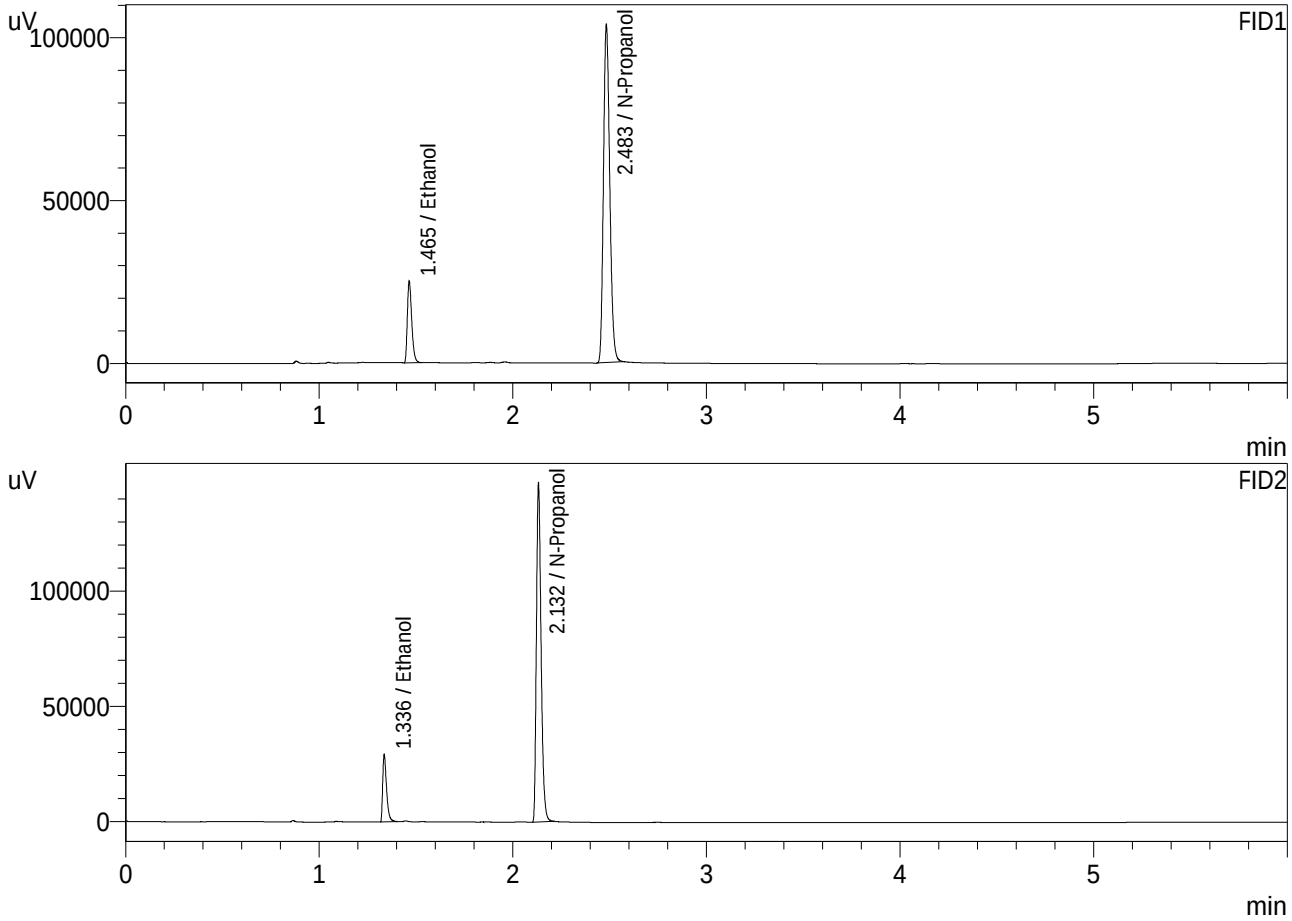
Overall Mean (g/100cc)	Low	High	5% of Mean
0.078	**0.074**	**0.082**	**0.004**

Reported Result

0.078

Calibration and control data are stored centrally.

Sample Name : QC1-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 5:51:02 PM
Vial # : 36
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



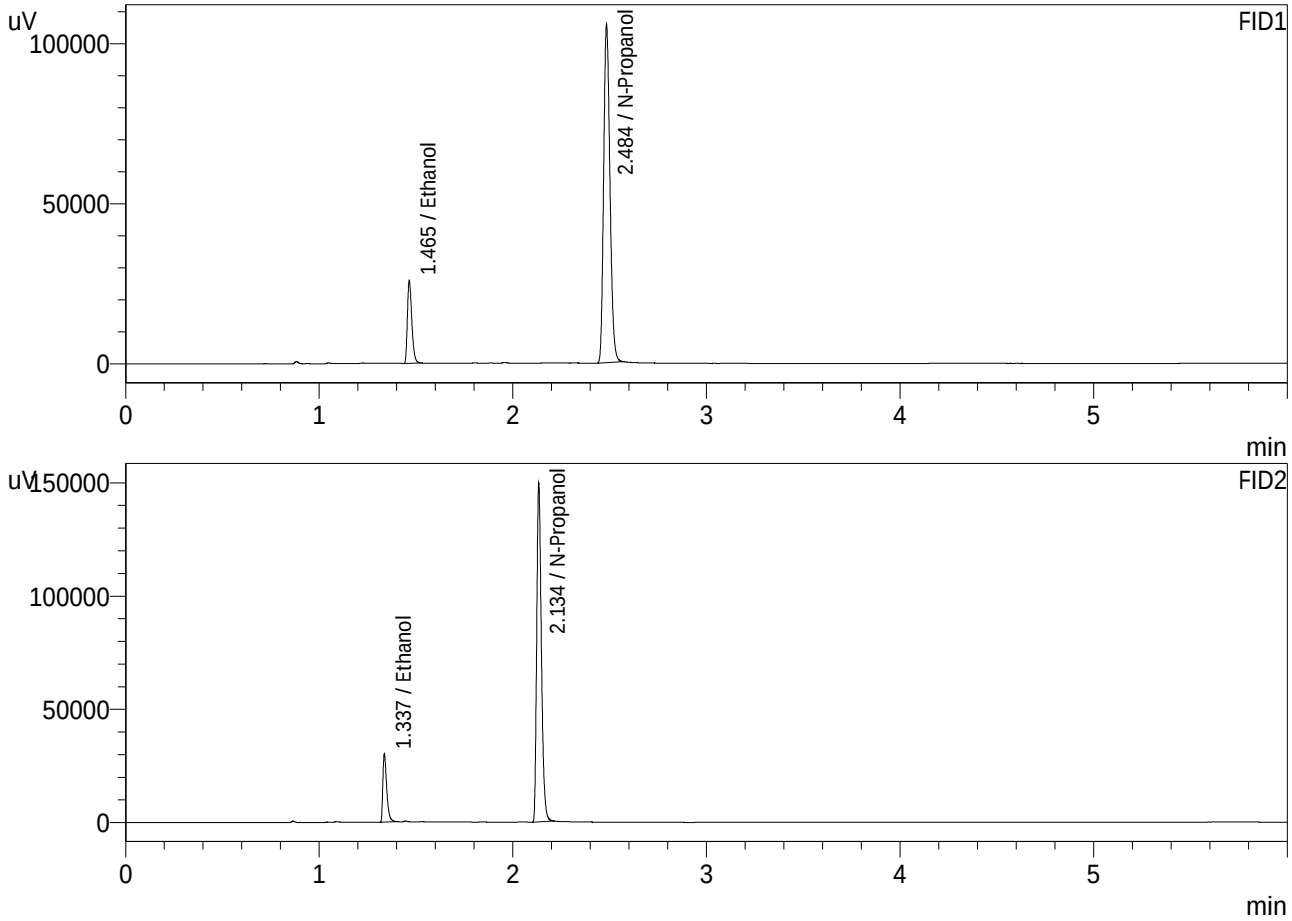
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0789	39254	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	233725	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0770	40298	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	247040	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 6:00:08 PM
Vial # : 37
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



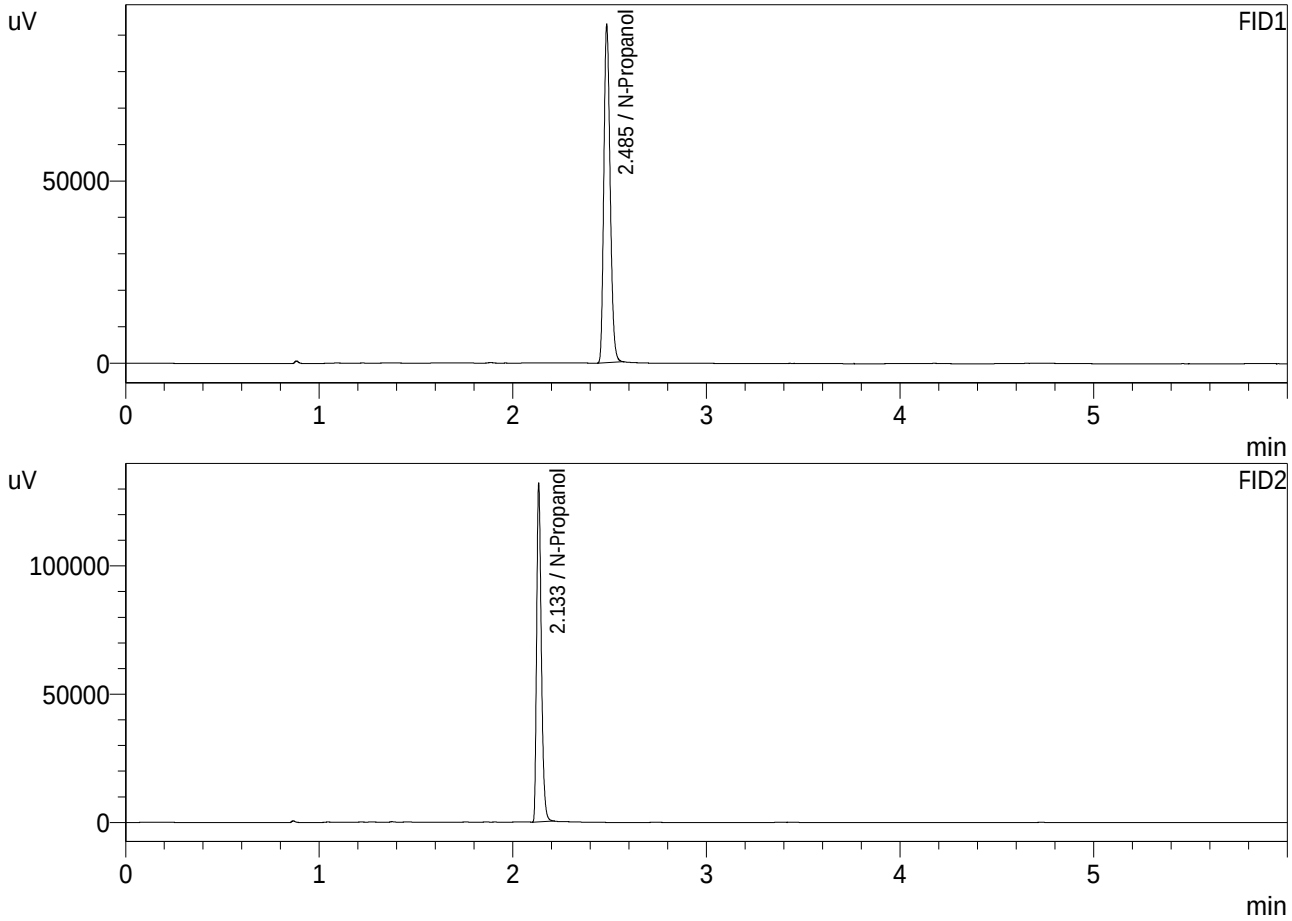
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0800	40525	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	238052	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0781	41594	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	251258	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 3
Laboratory : Coeur d' Alene Lab
Injection Date : 9/10/2021 1:46:36 PM
Vial # : 9
Method Filename : C:\LabSolutions\Data\9-10-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	209243	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	222044	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc