10/19/2022

Worklist: 6136

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2022-2212	1	BCK	Alcohol Analysis
C2022-2217	1	BCK	Alcohol Analysis
C2022-2217	2	BCK	Alcohol Analysis
C2022-2219	1	BCK	Alcohol Analysis
C2022-2227	1	BCK	Alcohol Analysis
C2022-2240	1	BCK	Alcohol Analysis
C2022-2246	1	BCK	Alcohol Analysis
C2022-2269	1	BCK	Alcohol Analysis
C2022-2283	1	BCK	Alcohol Analysis
C2022-2289	1	BCK	Alcohol Analysis
C2022-2295	1	BCK	Alcohol Analysis
C2022-2297	1	BCK	Alcohol Analysis
C2022-2319	1	BCK	Alcohol Analysis
C2022-2351	1	BCK	Alcohol Analysis

Region 1 CDA Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255850700
Shimadzu HS-20 Serial #C12595700181
Lab Solutions Software Ver. 5.99

Vial#	Sample Name	Sample Type	Level#	Method File
78	BLK 4	0:Unknown	0	ALCOHOL.GCM
79	BLK 5	0:Unknown	0	ALCOHOL.GCM
80	BLK 6	0:Unknown	0	ALCOHOL.GCM
81	BLK 7	0:Unknown	0	ALCOHOL.GCM
82	BLK 8	0:Unknown	0	ALCOHOL.GCM
83	BLK 9	0:Unknown	0	ALCOHOL.GCM
1	INT STD BLK 1	0:Unknown	0	ALCOHOL.GCM
2	0.050	1:Standard:(R)	1	ALCOHOL.GCM
3	0.100	1:Standard:(R)	2	ALCOHOL.GCM
4	0.200	1:Standard:(R)	3	ALCOHOL.GCM
5	0.300	1:Standard:(R)	4	ALCOHOL.GCM
6	0.500	1:Standard:(R)	5	ALCOHOL.GCM
7	INT STD BLK 2	0:Unknown	0	ALCOHOL.GCM
8	MULTI-COMP MIX	1:Standard:(R)	6	ALCOHOL.GCM
9	INT STD BLK 3	0:Unknown	0	ALCOHOL.GCM
10	QC-1-1-A	0:Unknown	0	ALCOHOL.GCM
11	QC-1-1-B	0:Unknown	0	ALCOHOL.GCM
12	0.08 QA - A	0:Unknown	0	ALCOHOL.GCM
13	0.08 QA - B	0:Unknown	0	ALCOHOL.GCM
14	C2022-2212-1-A	0:Unknown	0	ALCOHOL.GCM
15	C2022-2212-1-B	0:Unknown	0	ALCOHOL.GCM
16	C2022-2217-1-A	0:Unknown	0	ALCOHOL.GCM
17	C2022-2217-1-B	0:Unknown	0	ALCOHOL.GCM
18	C2022-2217-2-A	0:Unknown	0	ALCOHOL.GCM
19	C2022-2217-2-B	0:Unknown	0	ALCOHOL.GCM
20	C2022-2219-1-A	0:Unknown	0	ALCOHOL.GCM
21	C2022-2219-1-B	0:Unknown	0	ALCOHOL.GCM
22	C2022-2227-1-A	0:Unknown	0	ALCOHOL.GCM
23	C2022-2227-1-B	0:Unknown	0	ALCOHOL.GCM
24	C2022-2240-1-A	0:Unknown	0	ALCOHOL.GCM
25	C2022-2240-1-B	0:Unknown	0	ALCOHOL.GCM
26	C2022-2246-1-A	0:Unknown	0	ALCOHOL.GCM
27	C2022-2246-1-B	0:Unknown	0	ALCOHOL.GCM
28	C2022-2269-1-A	0:Unknown	0	ALCOHOL.GCM
29	C2022-2269-1-B	0:Unknown	0	ALCOHOL.GCM
30	C2022-2283-1-A	0:Unknown	0	ALCOHOL.GCM
31	C2022-2283-1-B	0:Unknown	0	ALCOHOL.GCM
32	QC-2-1-A	0:Unknown	0	ALCOHOL.GCM
33	QC-2-1-B	0:Unknown	0	ALCOHOL.GCM
34	C2022-2289-1-A	0:Unknown	0	ALCOHOL.GCM
35	C2022-2289-1-B	0:Unknown	0	ALCOHOL.GCM
36	C2022-2295-1-A	0:Unknown	0	ALCOHOL.GCM
37	C2022-2295-1-B	0:Unknown	0	ALCOHOL.GCM
38	C2022-2297-1-A	0:Unknown	0	ALCOHOL.GCM
39	C2022-2297-1-B	0:Unknown	0	ALCOHOL.GCM
40	C2022-2319-1-A	0:Unknown	0	ALCOHOL.GCM
41	C2022-2319-1-B	0:Unknown	0	ALCOHOL.GCM
42	C2022-2351-1-A	0:Unknown	0	ALCOHOL.GCM
43	C2022-2351-1-B	0:Unknown	0	ALCOHOL.GCM
44	QC-2-2-A	0:Unknown	0	ALCOHOL.GCM
45	QC-2-2-B	0:Unknown	0	ALCOHOL.GCM
46	INT STD BLK 4	0:Unknown	0	ALCOHOL.GCM
47	DFE	0:Unknown	0	ALCOHOL.GCM
48	TFE	0:Unknown	0	ALCOHOL.GCM

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): 10/20/2022**

Calibration Date: *(if different)*

Worklist #: Worklist # 6136

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0820 g/100cc
					g/100cc
					g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2083 g/100cc
					0.2087 g/100cc
					g/100cc

Multi-Component mixture:	**Exp:**	**July 31, 2024**	**Lot #**	FN04231907		OK
Curve Fit:		**Column 1**	0.99972		**Column2**	0.99963

REVIEWED
By Rachel Cutler at 3:43 pm, Oct 26, 2022

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0531	0.0536	0.0005	0.0533
100	0.100	0.090 - 0.110	0.1003	0.1003	0	0.1003
200	0.200	0.180 - 0.220	0.1958	0.1953	0.0005	0.1955
300	0.300	0.270 - 0.330	0.2984	0.2980	0.0004	0.2982
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5021	0.5026	0.0005	0.5023

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.083 g/100cc

Internal Standard Monitoring Worksheet

Worklist #: **Worklist # 6136** **Run Date(s):** **10/20/2022**

Internal Standard Solution: Lot# A014463901	Prep Date: 8/23/2022	Exp Date: 2/23/2023

Sample Name	Column 1 Value	Column 2 Value
0.080	251053	275378
0.080	250306	274682
QC1	251201	275737
QC1	252136	276841
QC1		
QC1		
QC1		
QC1		
QC2	275694	303429
QC2	270408	298016
QC2	278250	305846
QC2	283182	311313
QC2		
QC2		

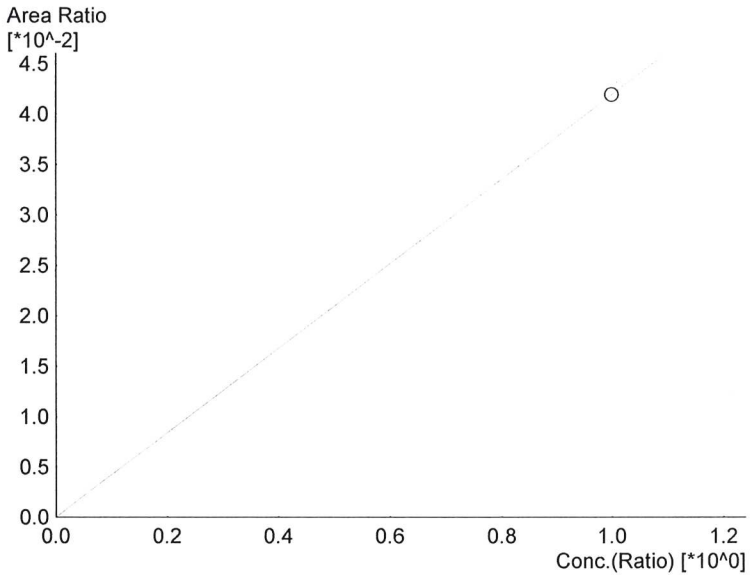
	Average	(-)20%	(+)20%
Column 1	264028.8	211223.0	316834.5
Column 2	290155.3	232124.2	348186.3

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

Calibration Table

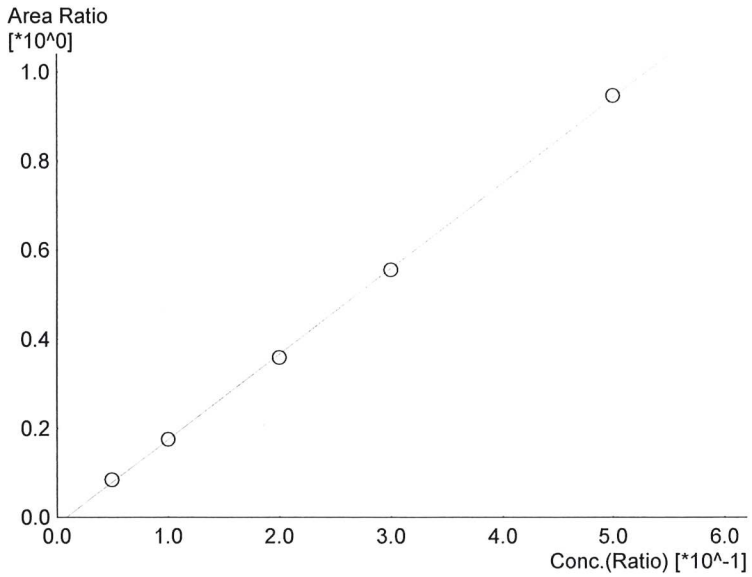
Laboratory : Coeur d' Alene
Instrument Name : Nexis GC2030
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Batch File :C:\LabSolutions\Data\10-20-22\10-20-22.gcb
Date Acquired :10/20/2022 3:53:18 PM
Date Created :10/20/2022 3:50:45 PM
Date Modified :10/20/2022 3:59:20 PM



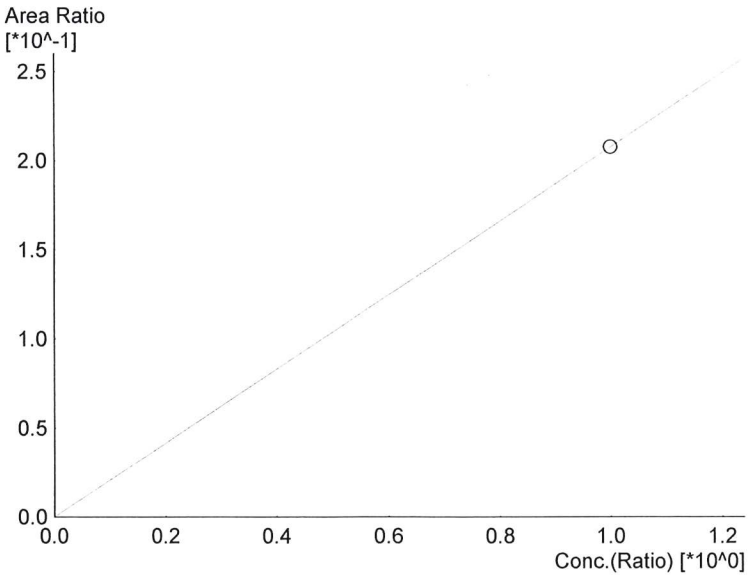
Name : Methanol
Detector Name: FID1
Function : f(x)=0.0419258*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	11326	1.0000



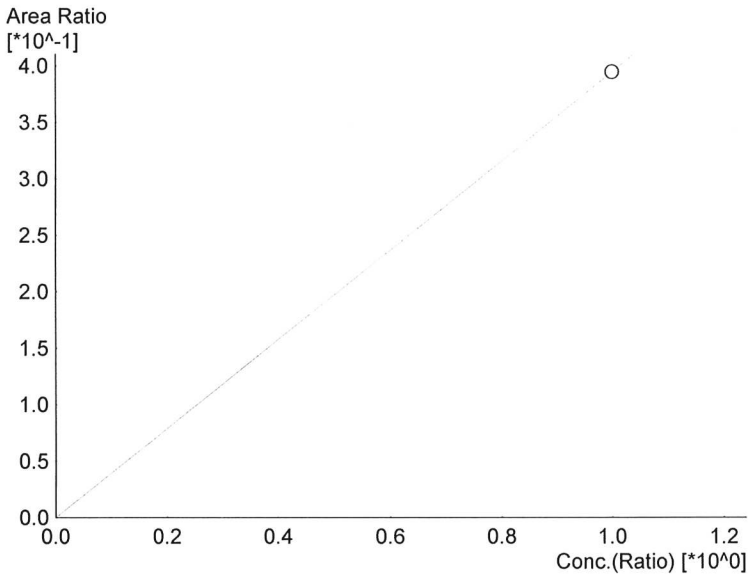
Name : Ethanol
Detector Name: FID1
Function : f(x)=1.92108*x-0.0175101
R^2 value= 0.9997295
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	19910	0.0531
2	0.100	41247	0.1003
3	0.200	84889	0.1958
4	0.300	131865	0.2984
5	0.500	228523	0.5021



Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.207784*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	56130	1.0000



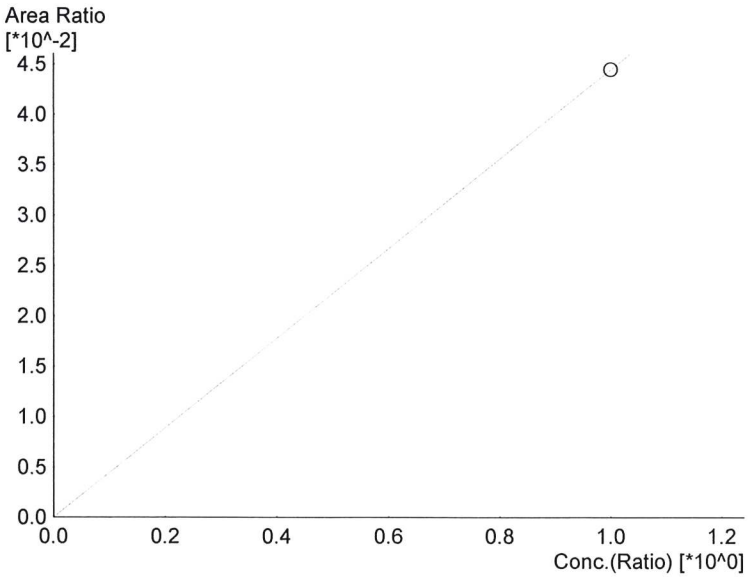
Name : Acetone
Detector Name: FID1
Function : f(x)=0.394509*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	106570	1.0000

Not Ready

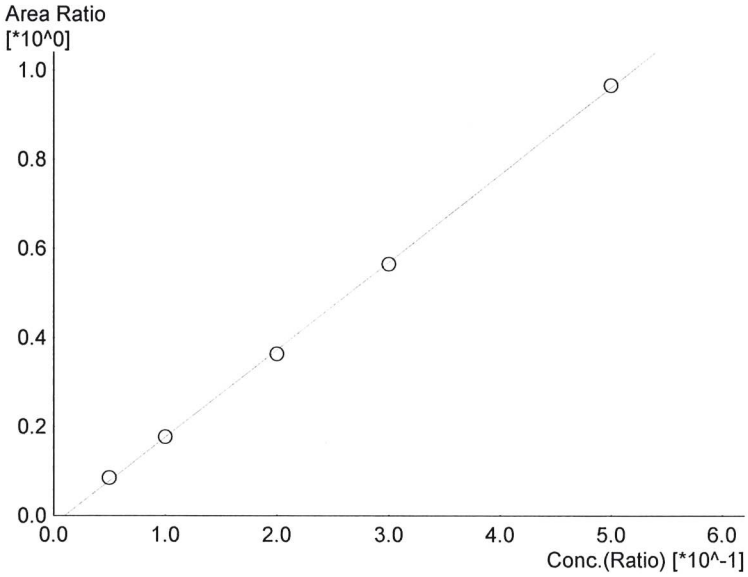
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



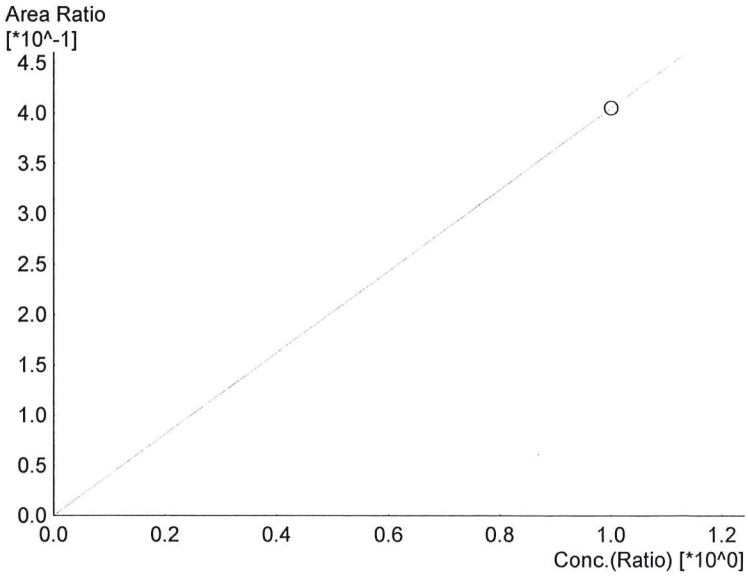
Name : Methanol
Detector Name: FID2
Function : f(x)=0.0444394*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	13402	1.0000



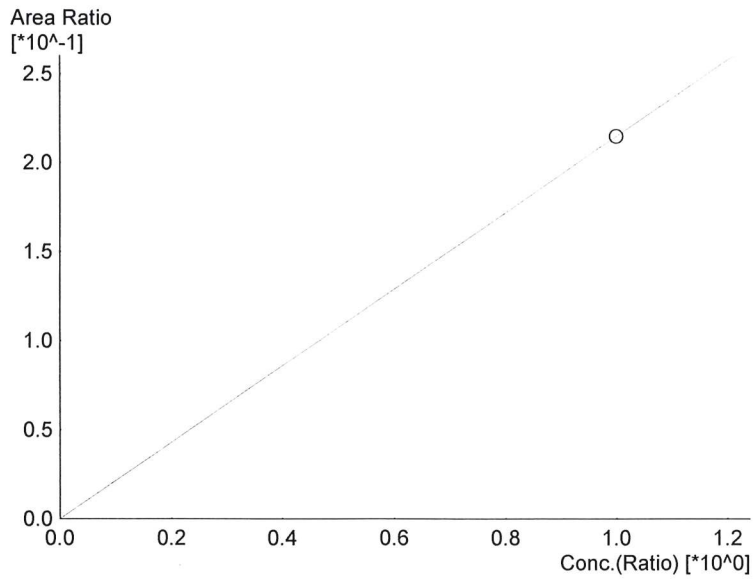
Name : Ethanol
Detector Name: FID2
Function : f(x)=1.96136*x-0.0196663
R^2 value= 0.9996374
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	22087	0.0536
2	0.100	45777	0.1003
3	0.200	94366	0.1953
4	0.300	147300	0.2980
5	0.500	255816	0.5026



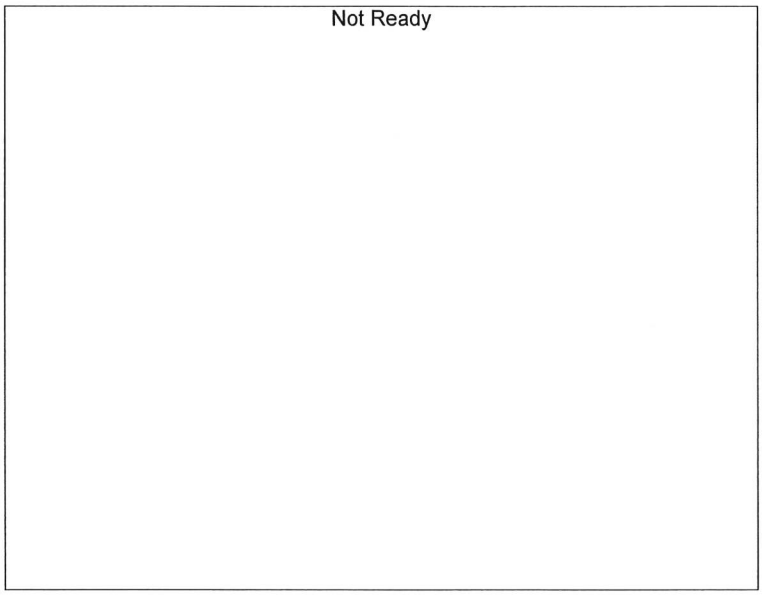
Name : Acetone
Detector Name: FID2
Function : f(x)=0.405472*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	122282	1.0000



Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.214693*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

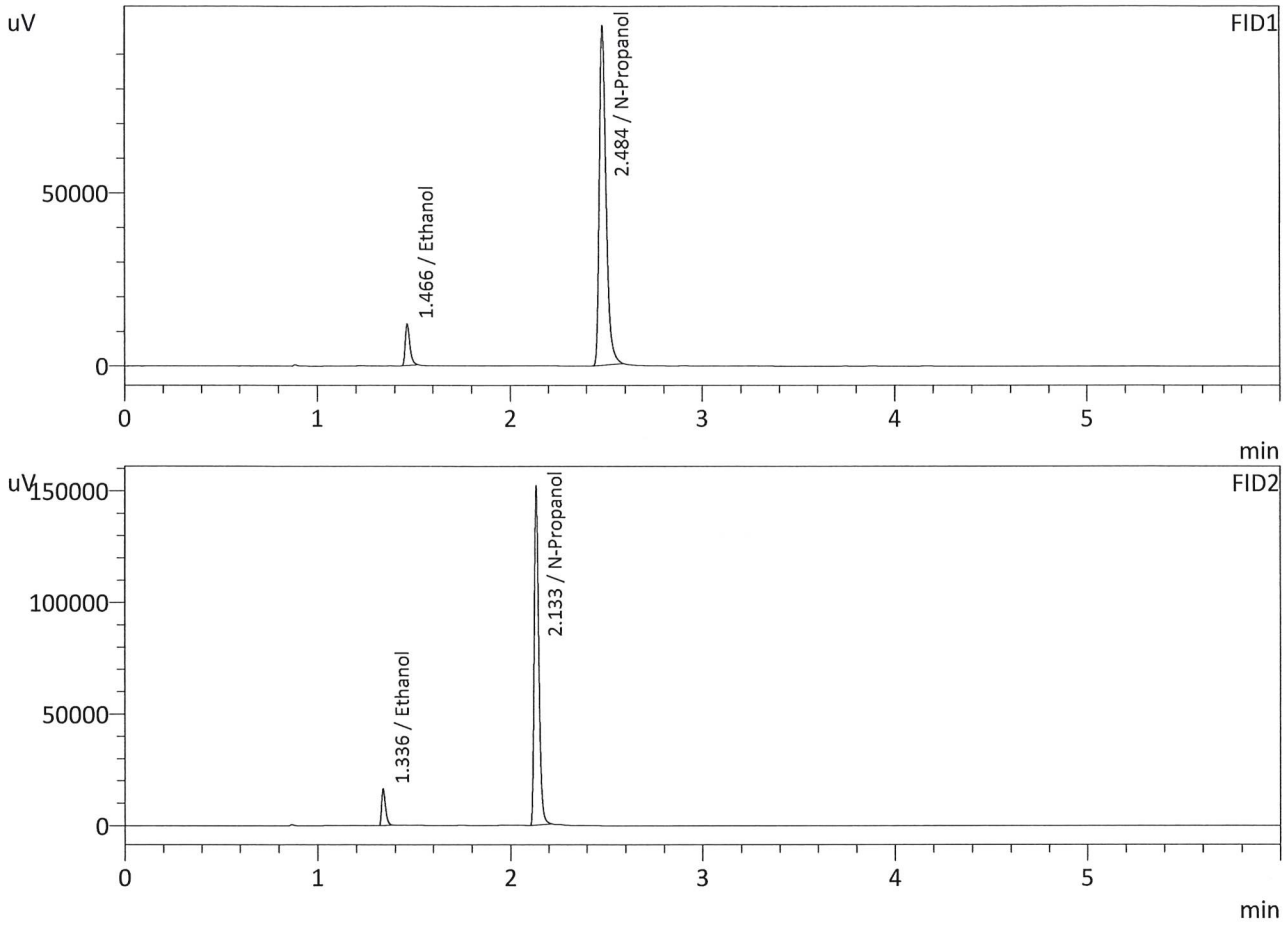
#	Conc.	Area	Std. Conc.
6	1.000	64747	1.0000



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	: Coeur d' Alene Lab
Injection Date	: 10/20/2022 3:14:29 PM
Vial #	: 2
Method Filename	: C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS	: C12255850700 / C12595700181



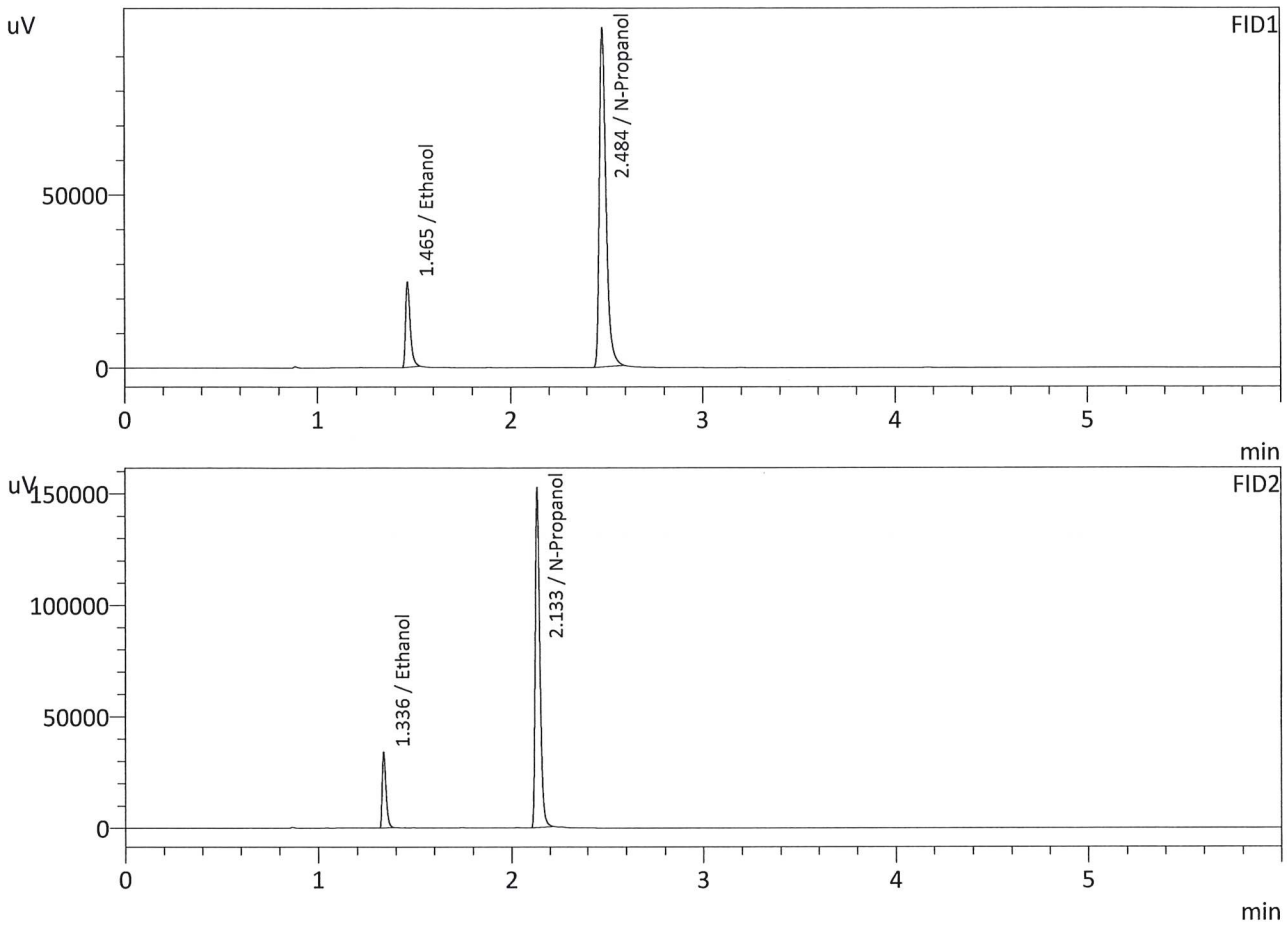
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0531	19910	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	235311	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0536	22087	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	257916	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.100
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 3:25:12 PM
Vial # : 3
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



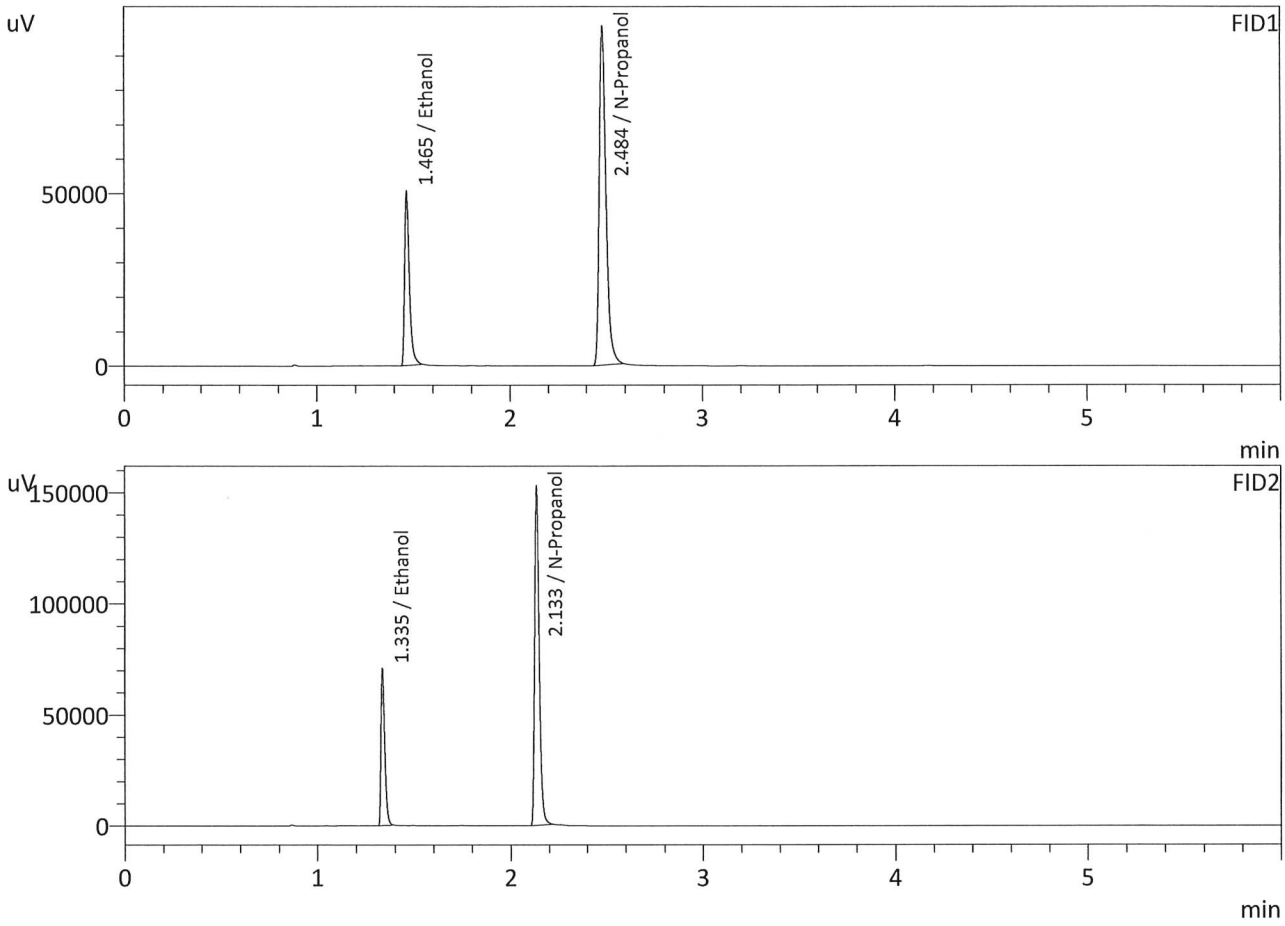
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1003	41247	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	235377	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1003	45777	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	258396	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.200
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 3:33:52 PM
Vial # : 4
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



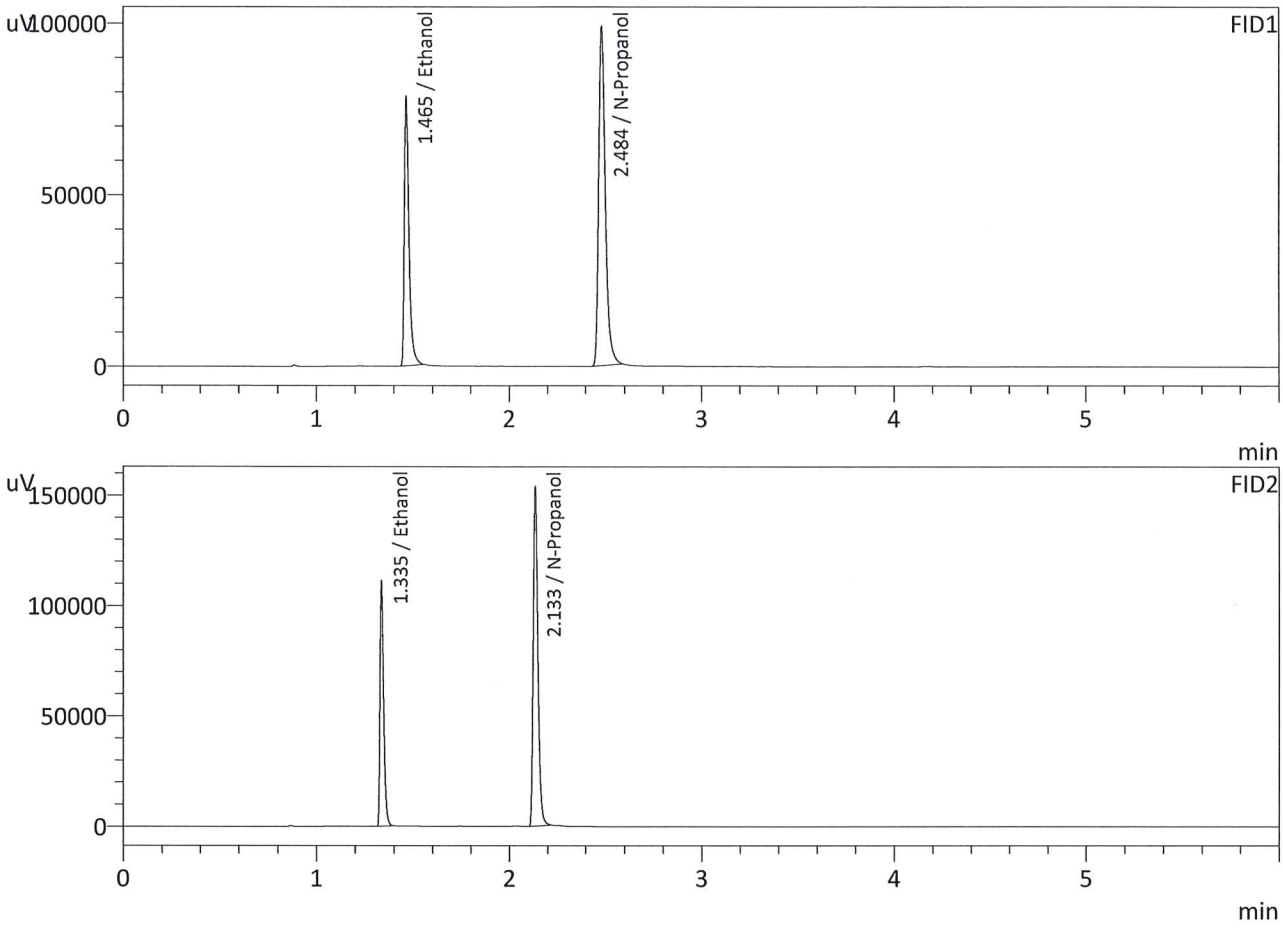
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1958	84889	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	236667	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1953	94366	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	259672	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.300
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 3:44:37 PM
Vial # : 5
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



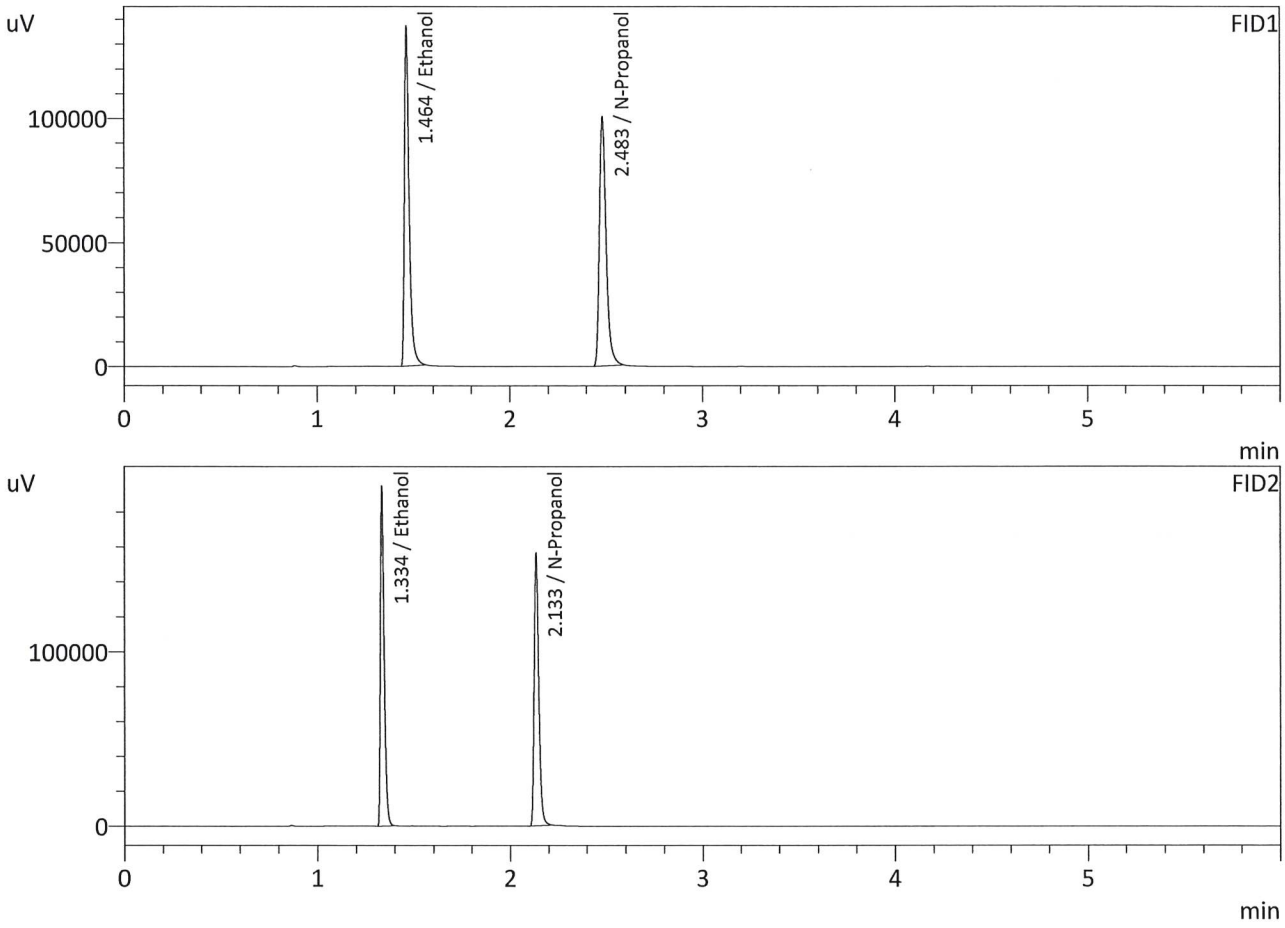
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2984	131865	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	237207	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2980	147300	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	260760	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.500
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 3:53:18 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



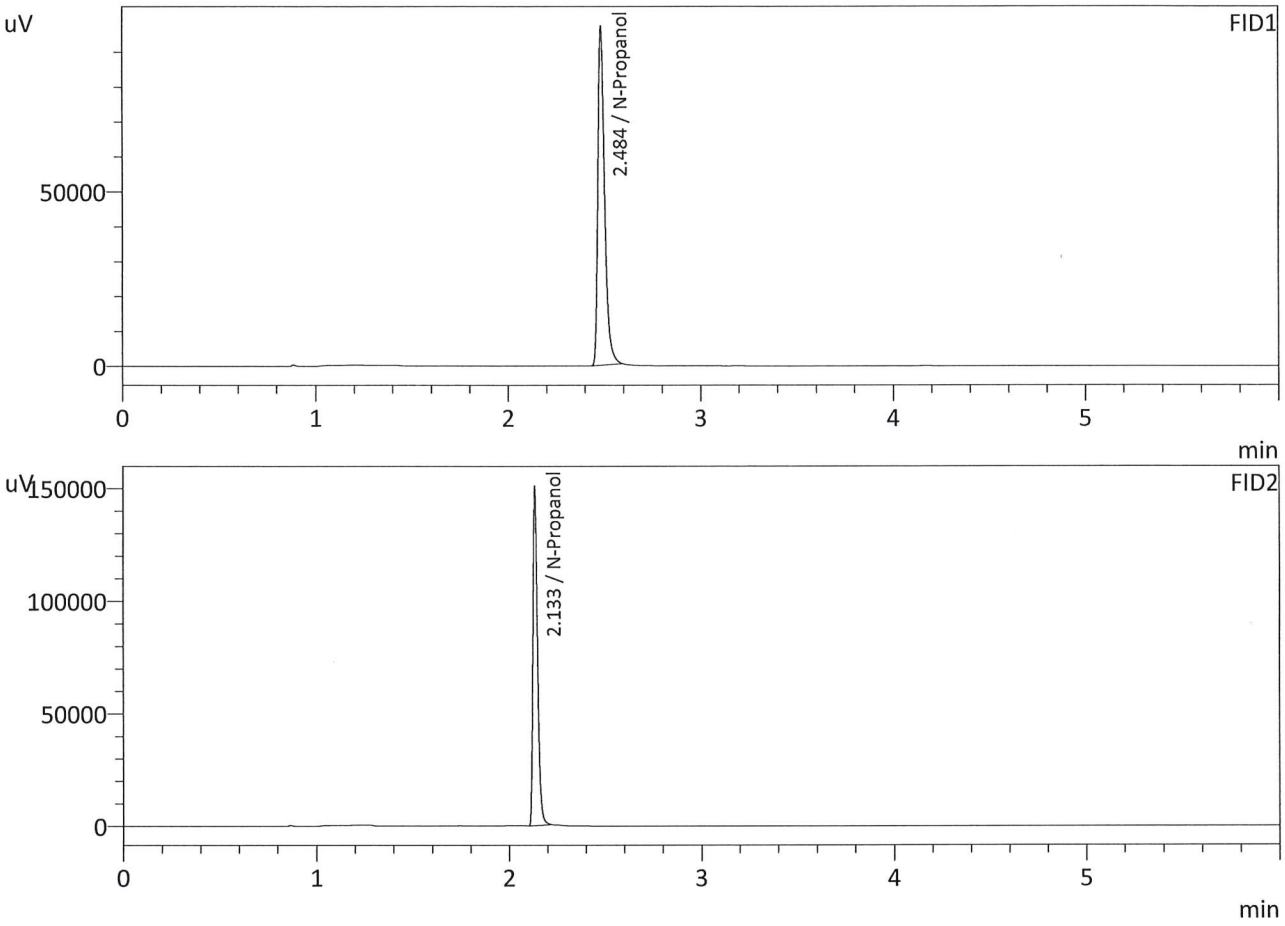
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5021	228523	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	241249	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5026	255816	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	264780	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 3:05:48 PM
Vial # : 1
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



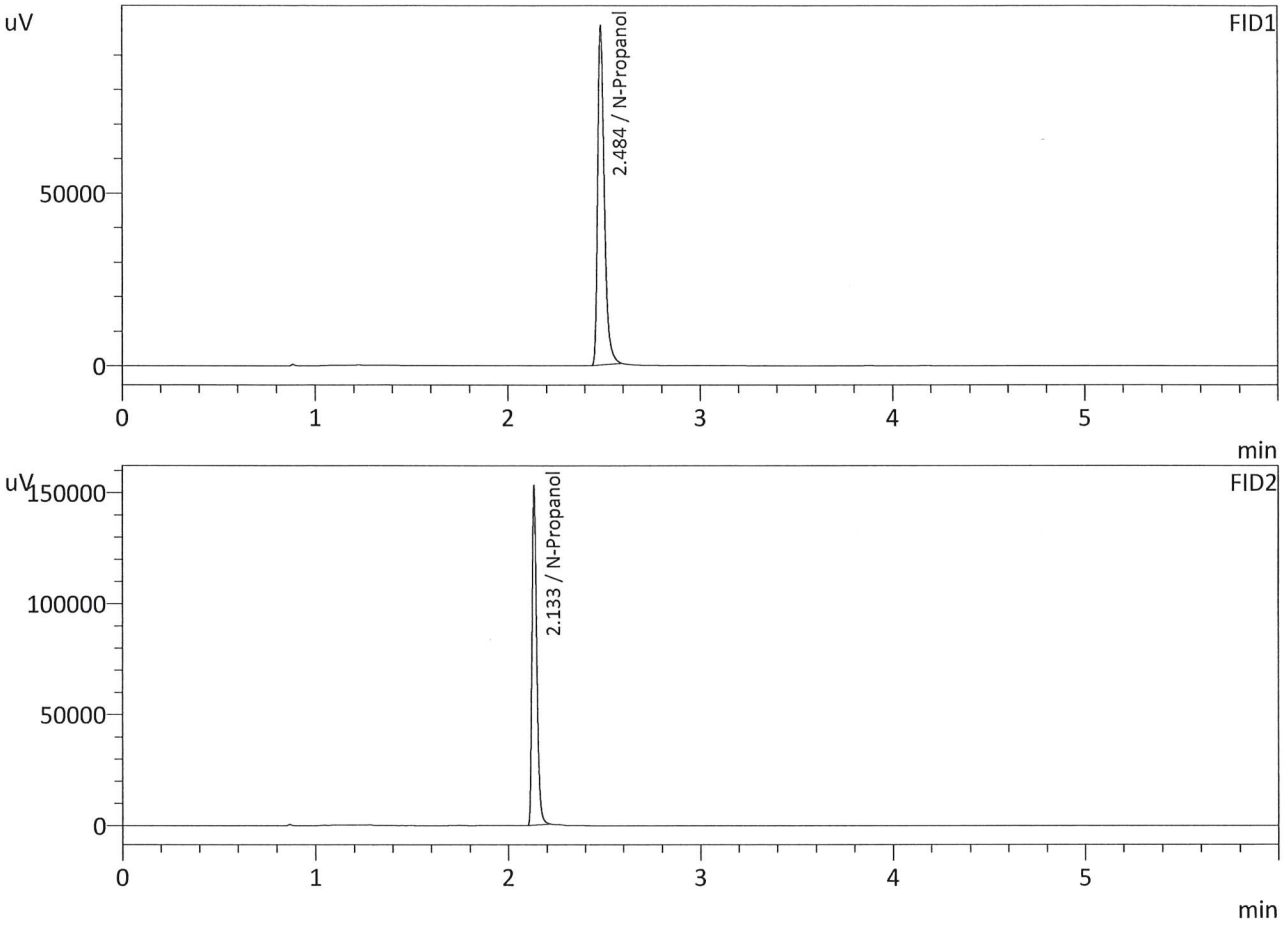
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	233089	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	255697	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 4:04:01 PM
Vial # : 7
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



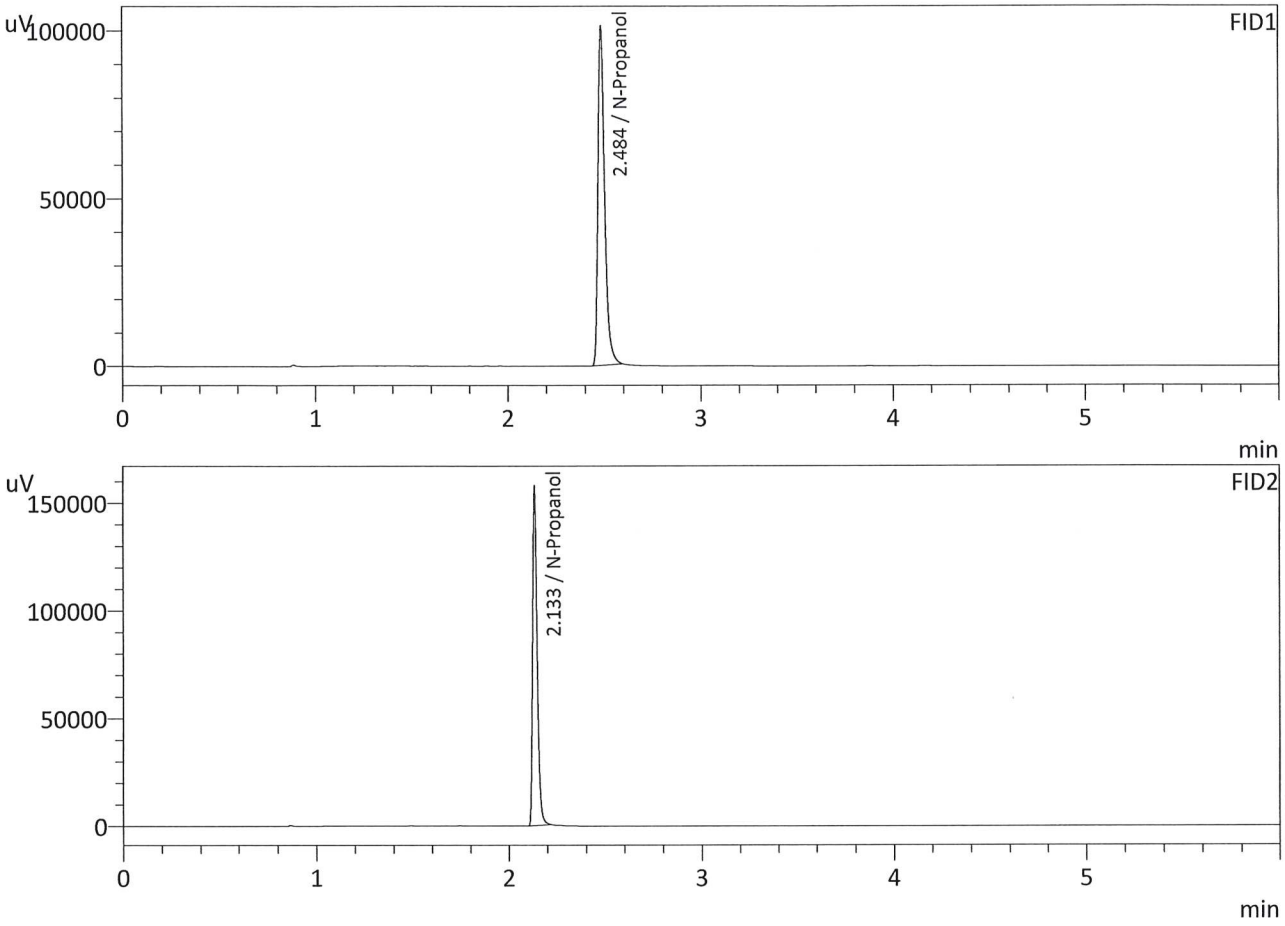
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	236518	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	259947	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 3
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 4:23:26 PM
Vial # : 9
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



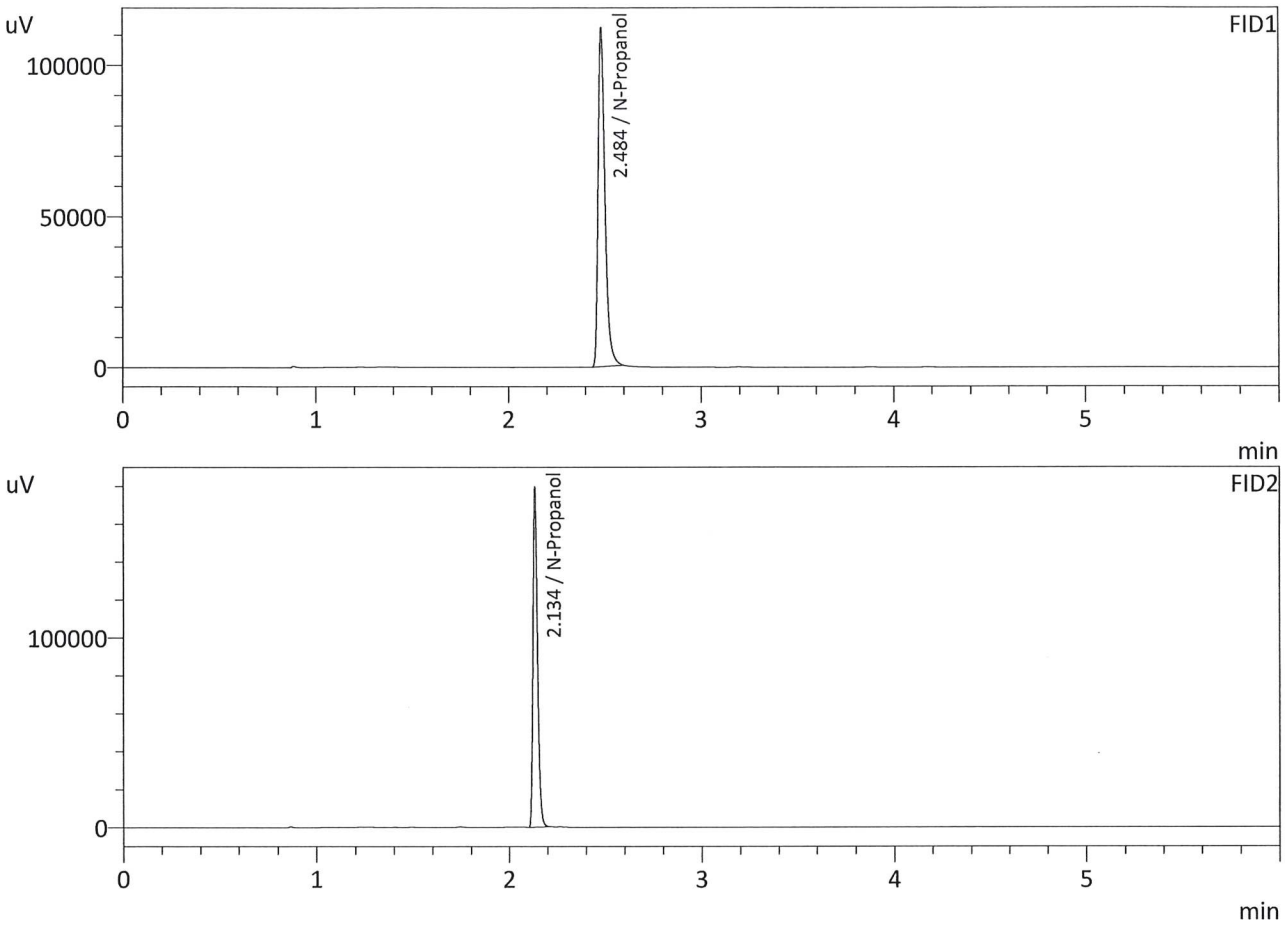
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	243834	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	267315	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 4
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 10:21:34 PM
Vial # : 46
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



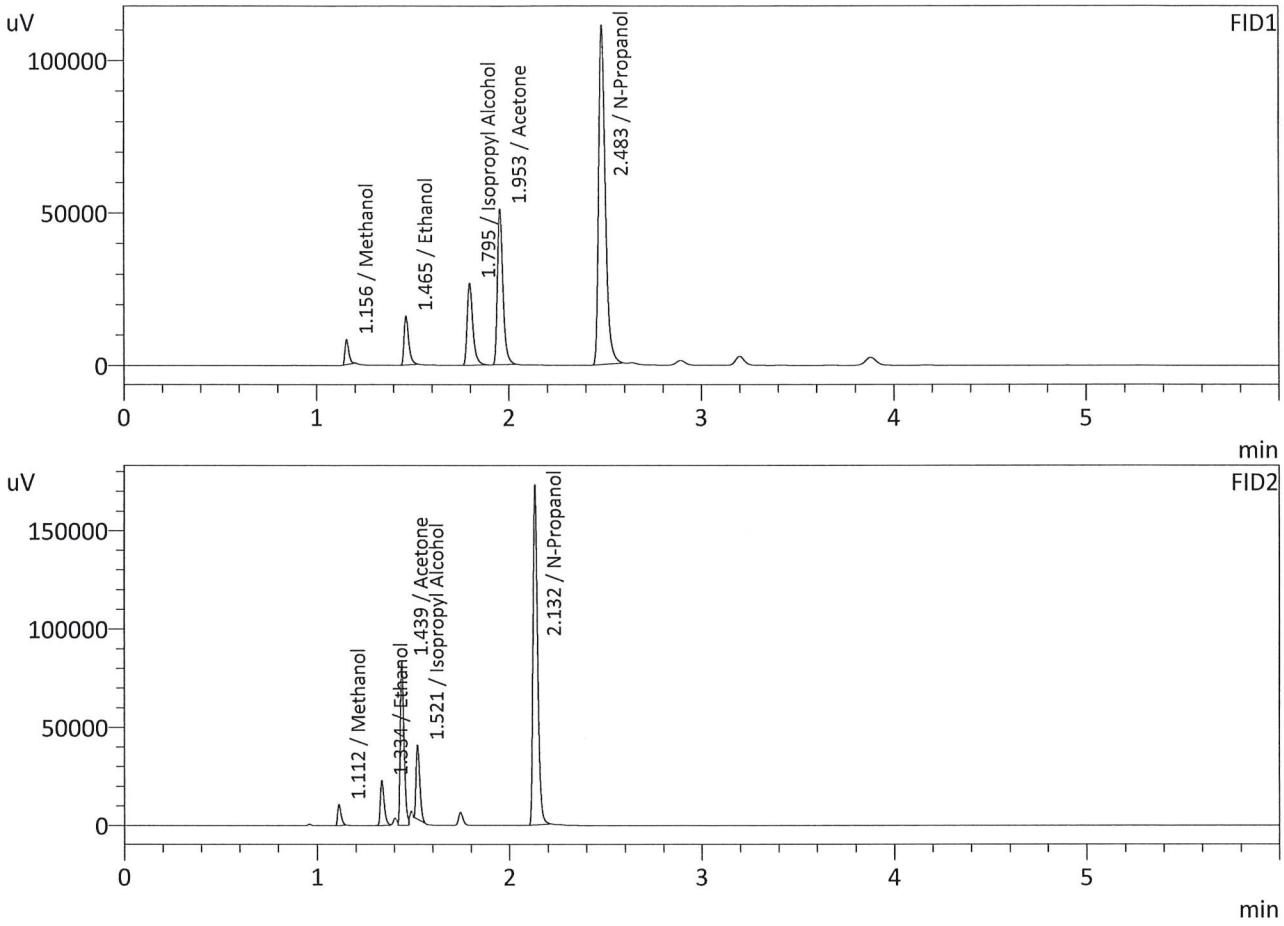
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	269607	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	296571	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : MULTI-COMP MIX
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 4:12:41 PM
Vial # : 8
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	1.0000	11133	g/100cc
Ethanol	0.0614	26615	g/100cc
Isopropyl Alcohol	1.0000	54475	g/100cc
Acetone	1.0000	101466	g/100cc
N-Propanol	0.0000	264933	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	13452	g/100cc
Ethanol	0.0651	31224	g/100cc
Acetone	0.9593	113068	g/100cc
Isopropyl Alcohol	0.7394	50419	g/100cc
N-Propanol	0.0000	288886	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: 0.080 **Item # 1** **Analysis Date(s): 10/20/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0833	0.0835	0.0002	0.0834	0.0006	0.0831
(g/100cc)	0.0828	0.0829	0.0001	0.0828		

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

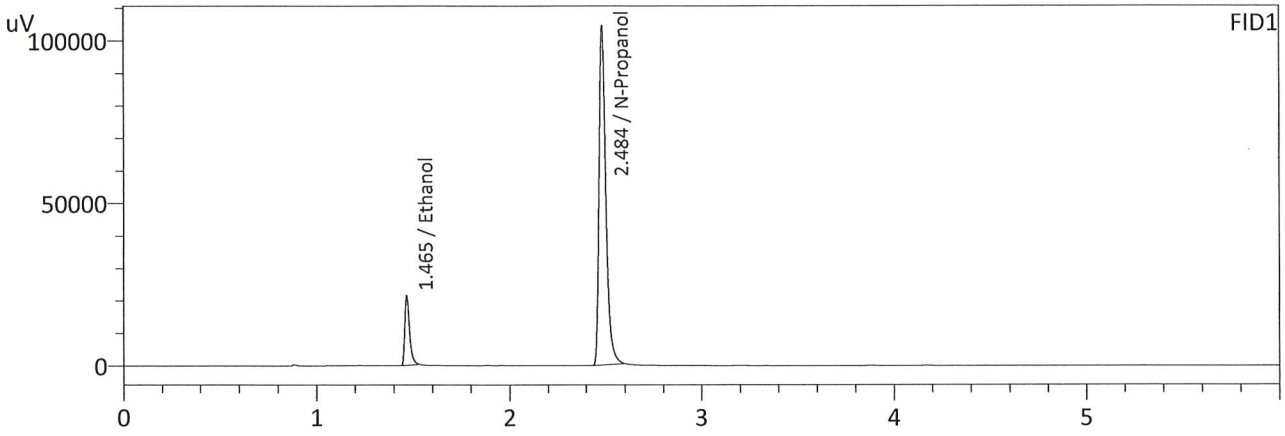
Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

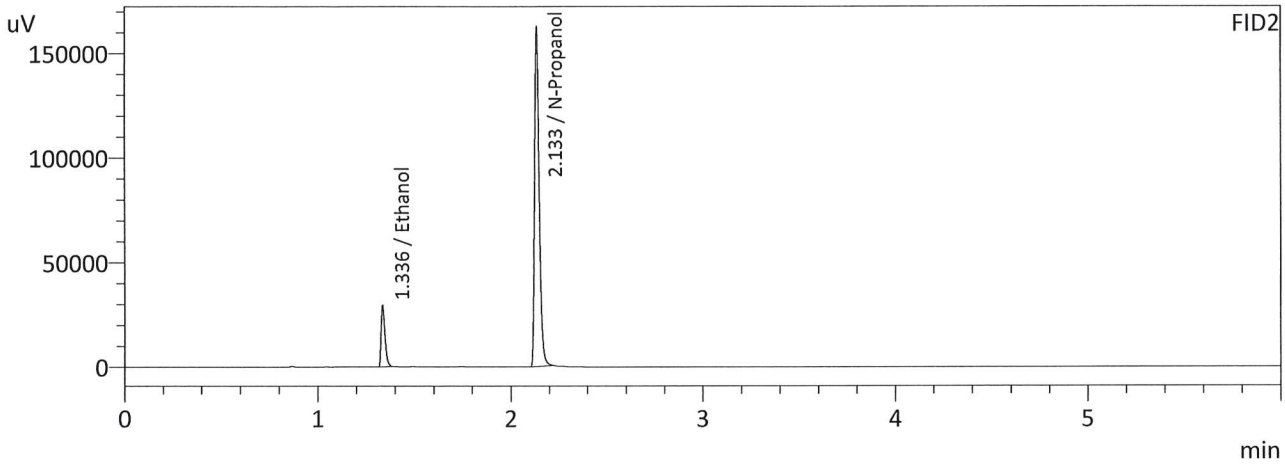
Overall Mean (g/100cc)	Low	High	5% of Mean
0.083	0.078	0.088	0.005

Reported Result
0.083

Calibration and control data are stored centrally.

Sample Name : 0.08 QA - A
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 4:51:31 PM
Vial # : 12
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





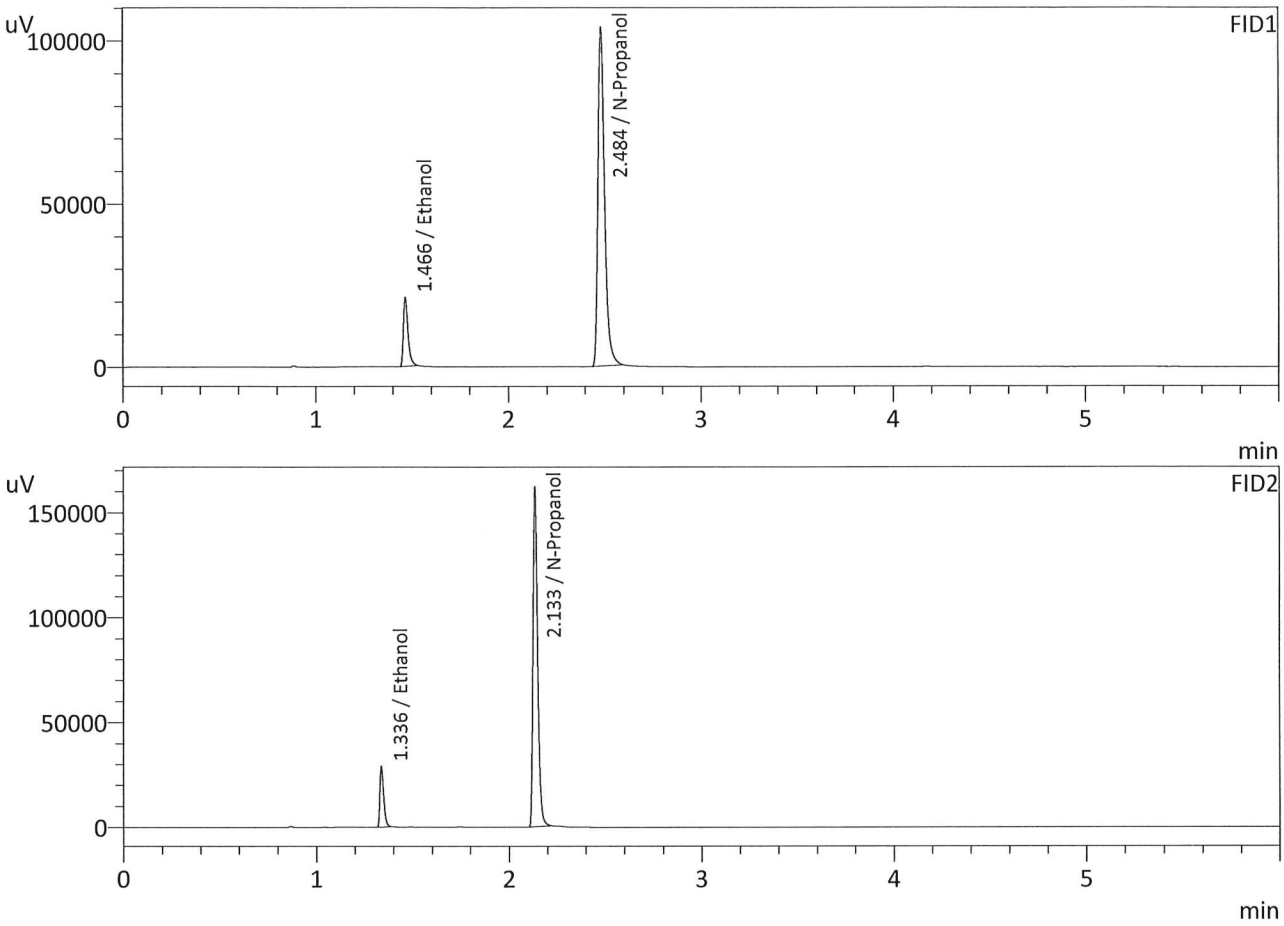
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0833	35826	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	251053	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0835	39733	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	275378	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.08 QA - B
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 5:02:16 PM
Vial # : 13
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0828	35460	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	250306	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0829	39305	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	274682	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC1 **Item #1** **Analysis Date(s): 10/20/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0821	0.0821	0.0000	0.0821	0.0001	0.0820
(g/100cc)	0.0819	0.0821	0.0002	0.0820		

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%**

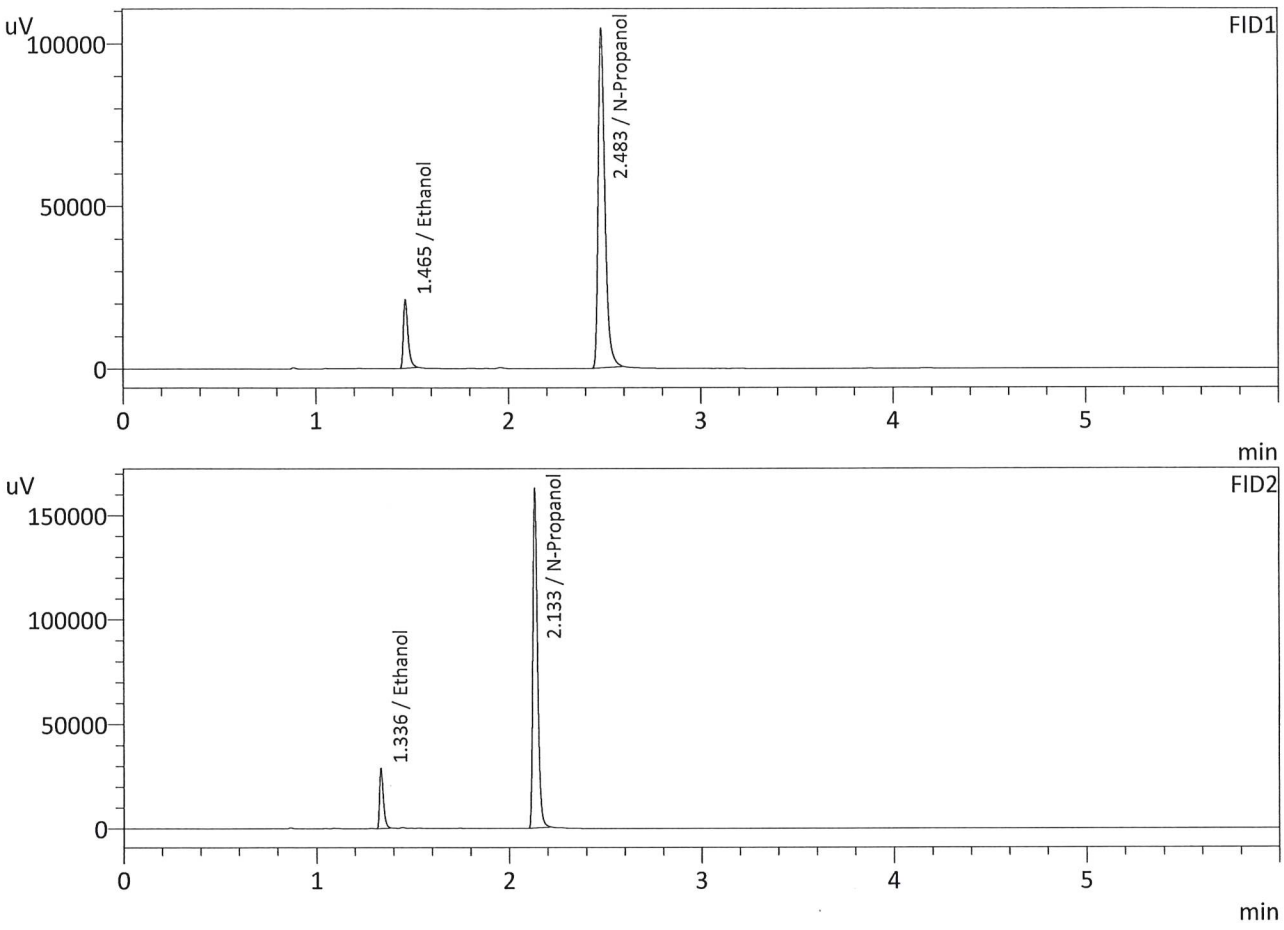
Overall Mean (g/100cc)	Low	High	5% of Mean
0.082	**0.077**	**0.087**	**0.005**

Reported Result

0.082

Calibration and control data are stored centrally.

Sample Name : QC-1-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 4:32:06 PM
Vial # : 10
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



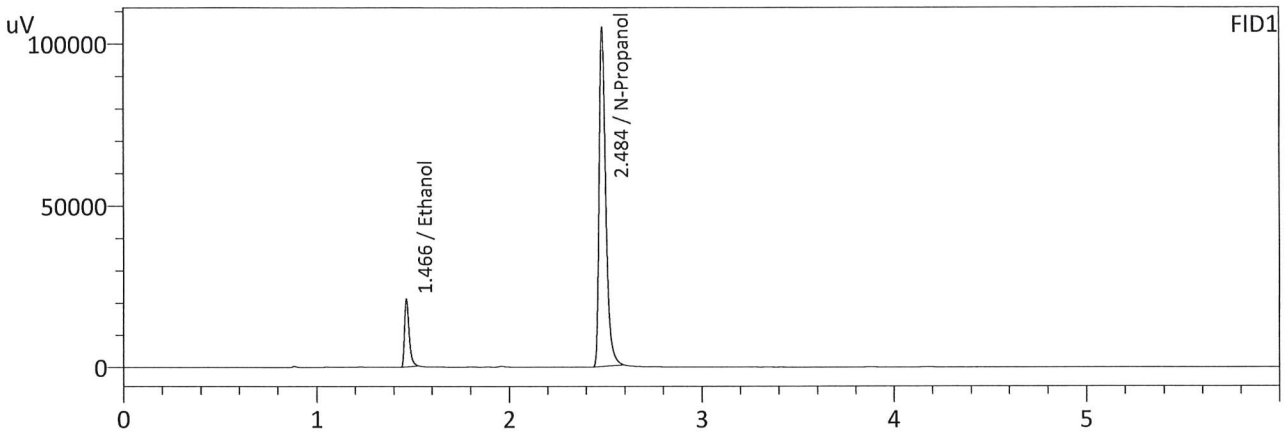
FID1

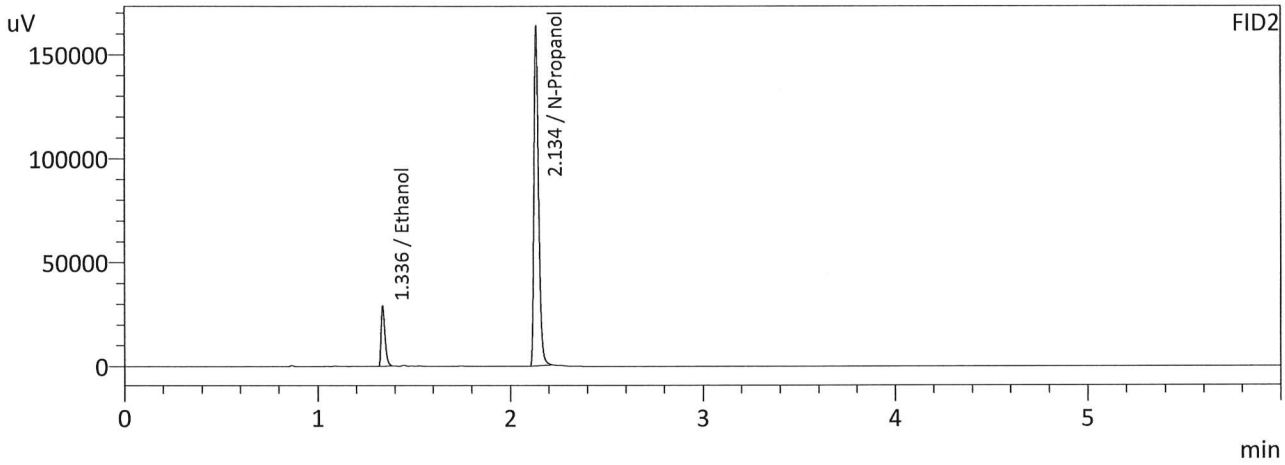
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0821	35223	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	251201	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0821	39031	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	275737	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 4:42:51 PM
Vial # : 11
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0819	35269	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	252136	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0821	39153	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	276841	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2 **Item #1** **Analysis Date(s): 10/20/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2098	0.2081	0.0017	0.2089	0.0012	0.2083
(g/100cc)	0.2088	0.2067	0.0021	0.2077		

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

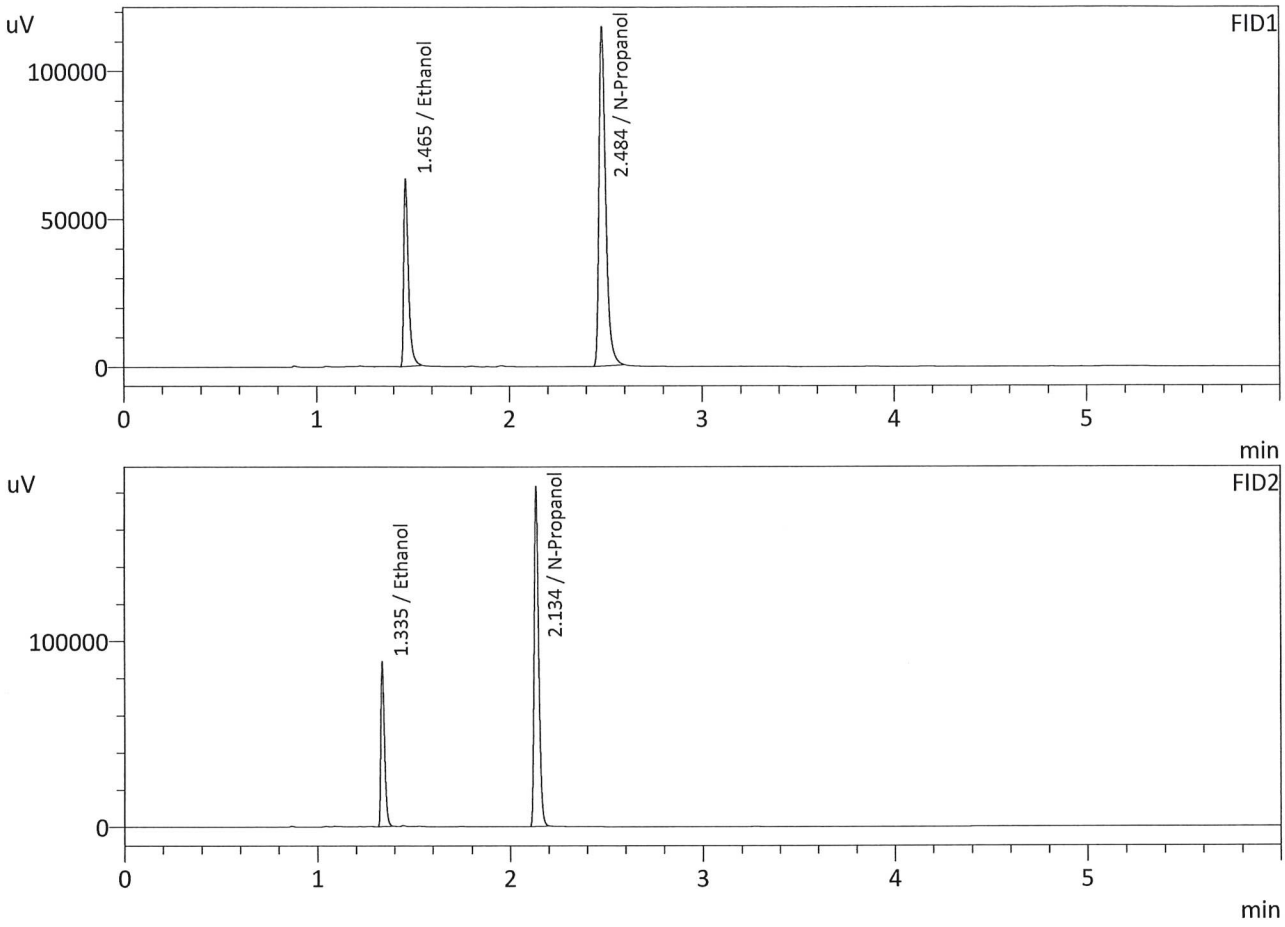
Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.208	0.197	0.219	0.011

Reported Result
0.208

Calibration and control data are stored centrally.

Sample Name : QC-2-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 8:05:37 PM
Vial # : 32
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



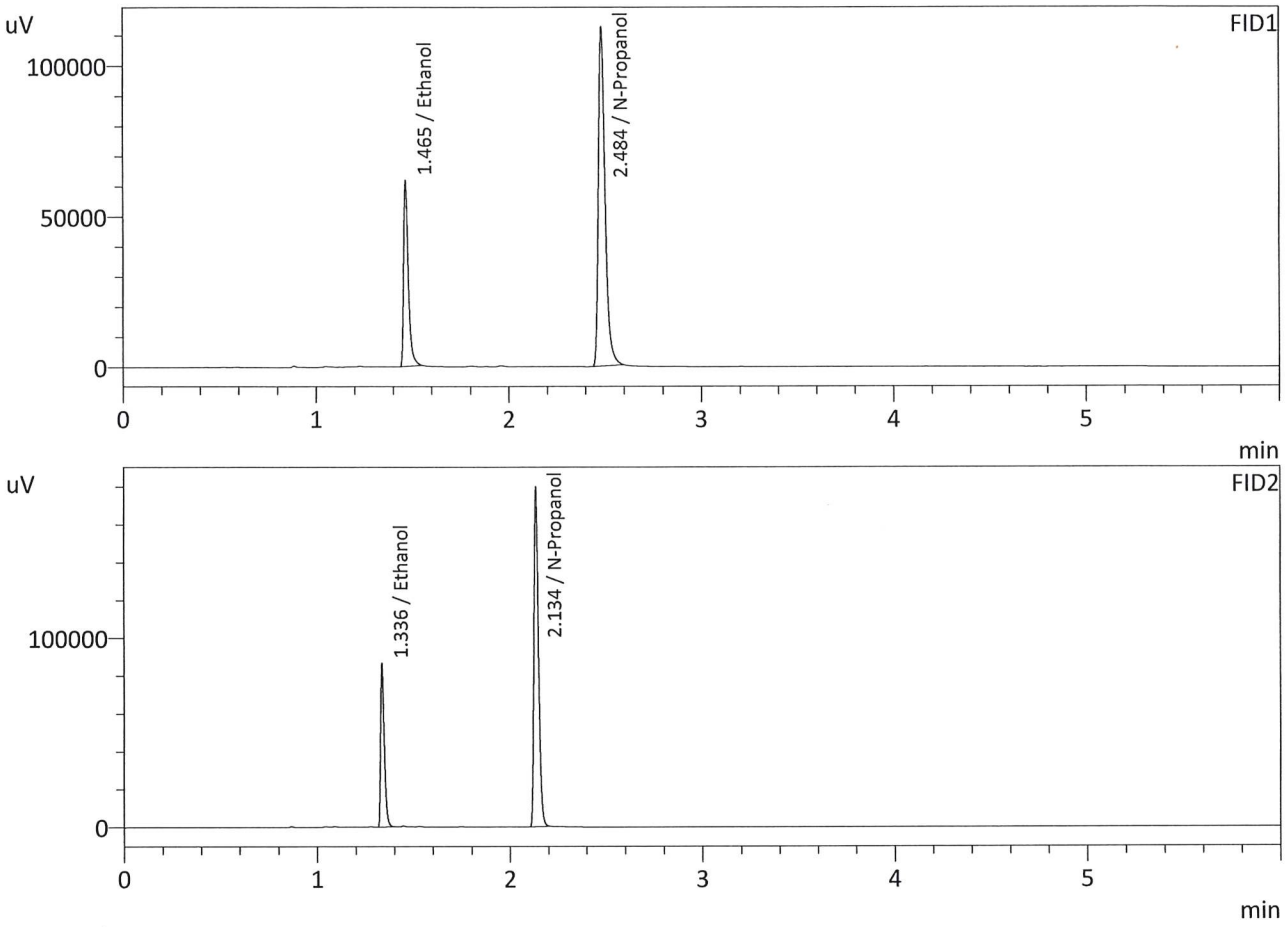
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2098	106307	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	275694	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2081	117894	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	303429	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 8:16:22 PM
Vial # : 33
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2088	103769	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	270408	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2067	114960	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	298016	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2 **Item #2** **Analysis Date(s): 10/20/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2092	0.2071	0.0021	0.2081	0.0012	0.2087
(g/100cc)	0.2101	0.2085	0.0016	0.2093		

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%**

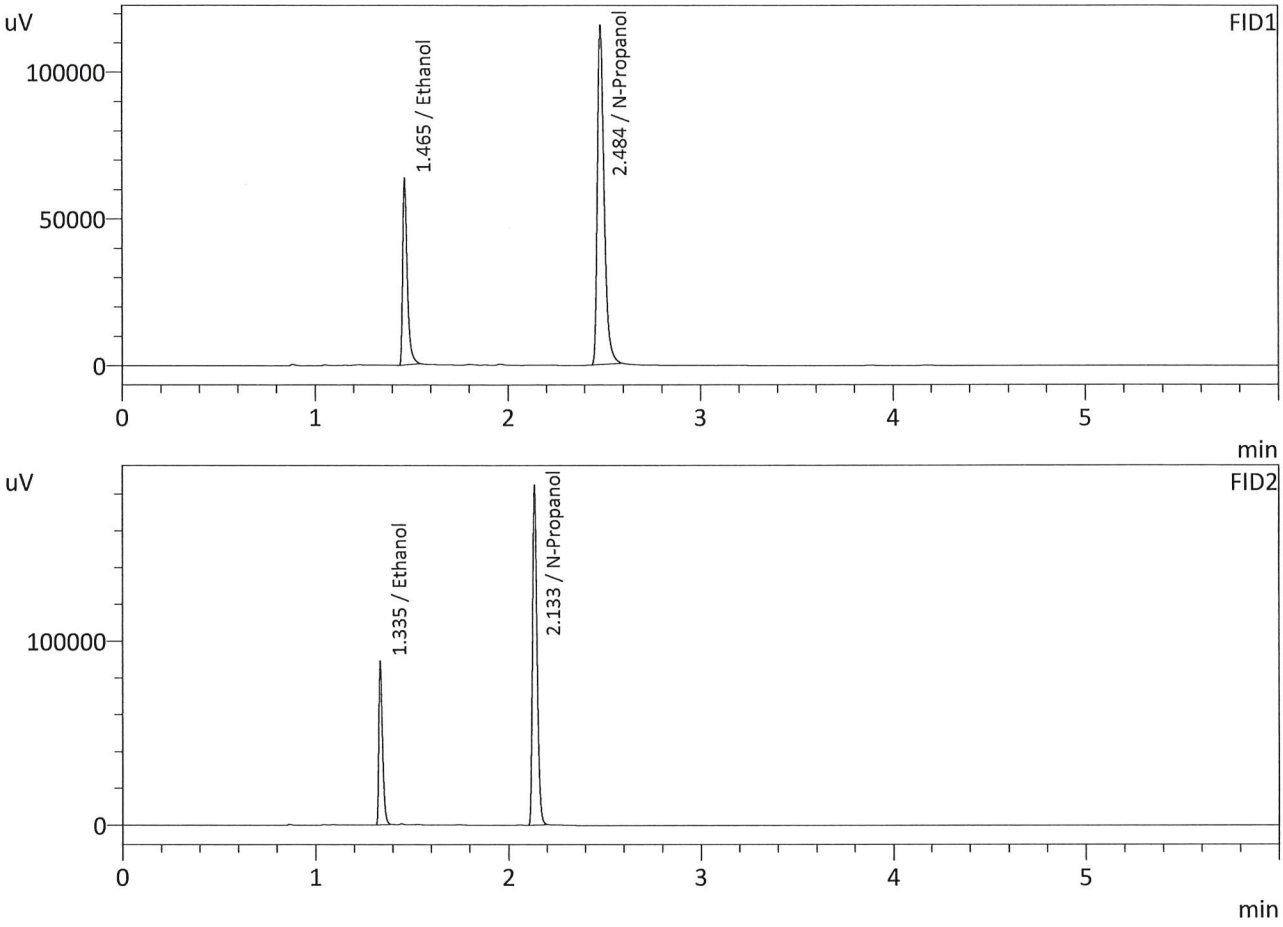
Overall Mean (g/100cc)	Low	High	5% of Mean
0.208	0.197	0.219	0.011

Reported Result

0.208

Calibration and control data are stored centrally.

Sample Name : QC-2-2-A
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 10:02:09 PM
Vial # : 44
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



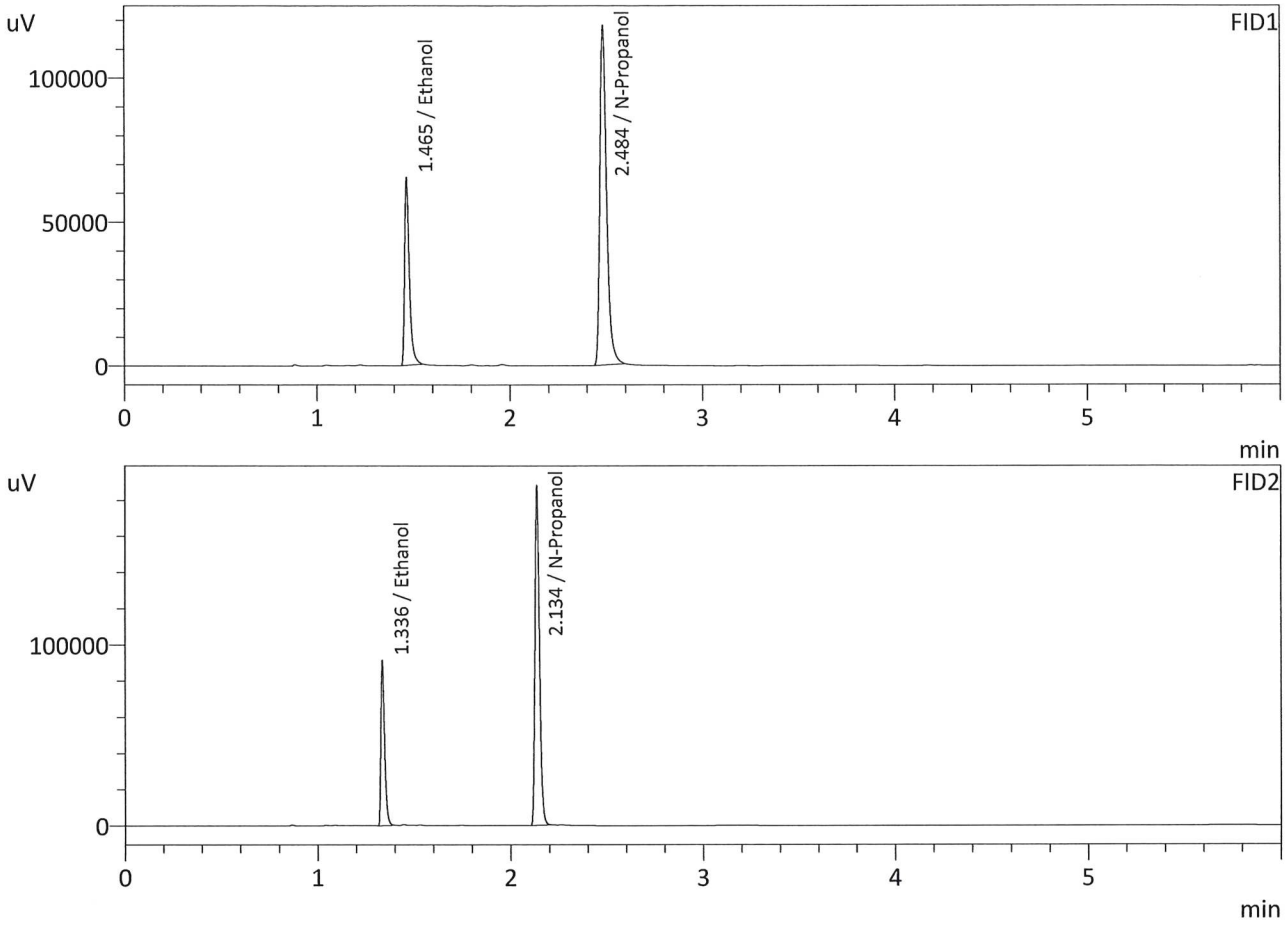
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2092	106993	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	278250	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2071	118257	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	305846	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-2-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 10:12:54 PM
Vial # : 45
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



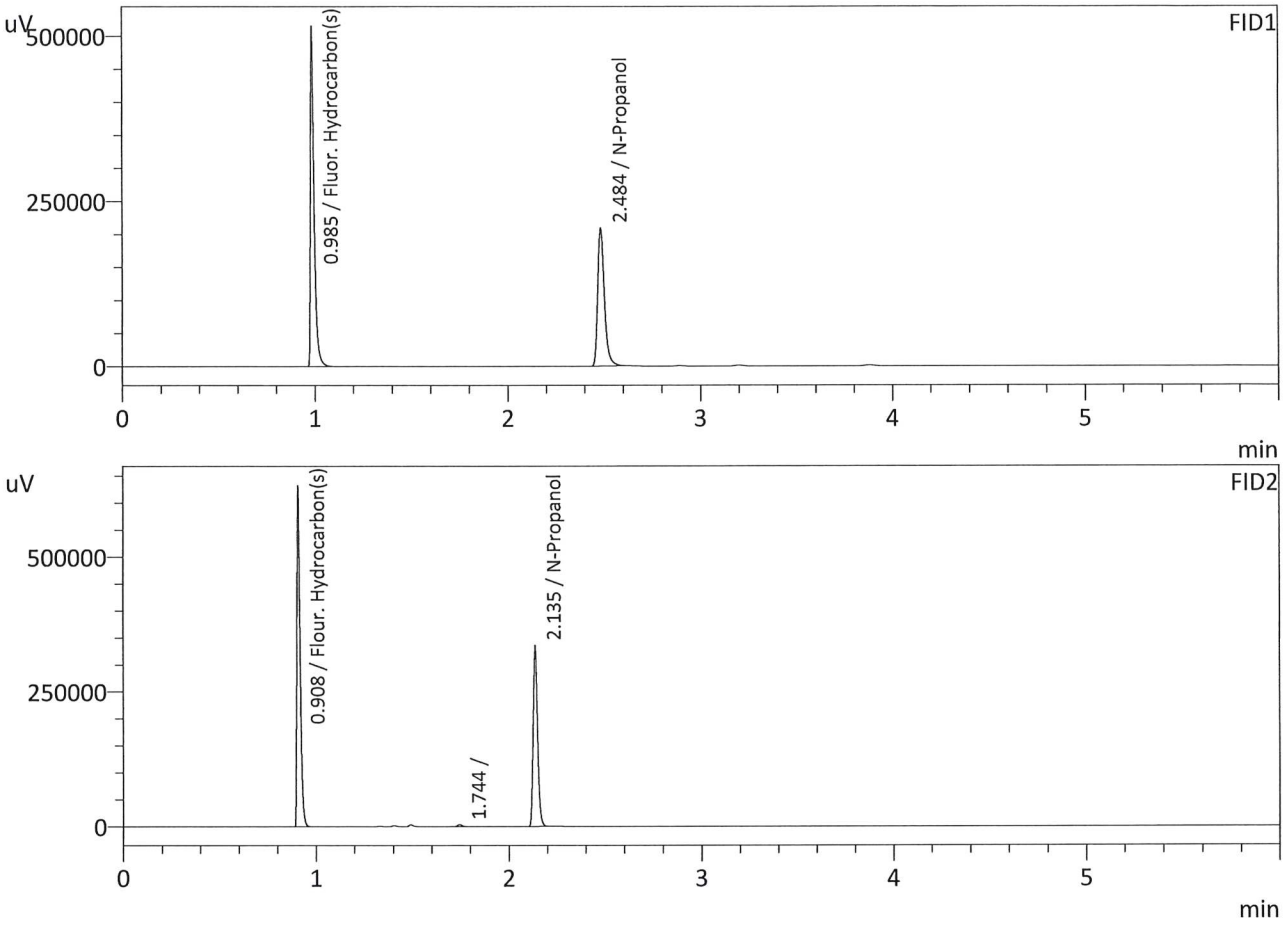
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2101	109392	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	283182	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2085	121199	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	311313	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : DFE
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 10:32:19 PM
Vial # : 47
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



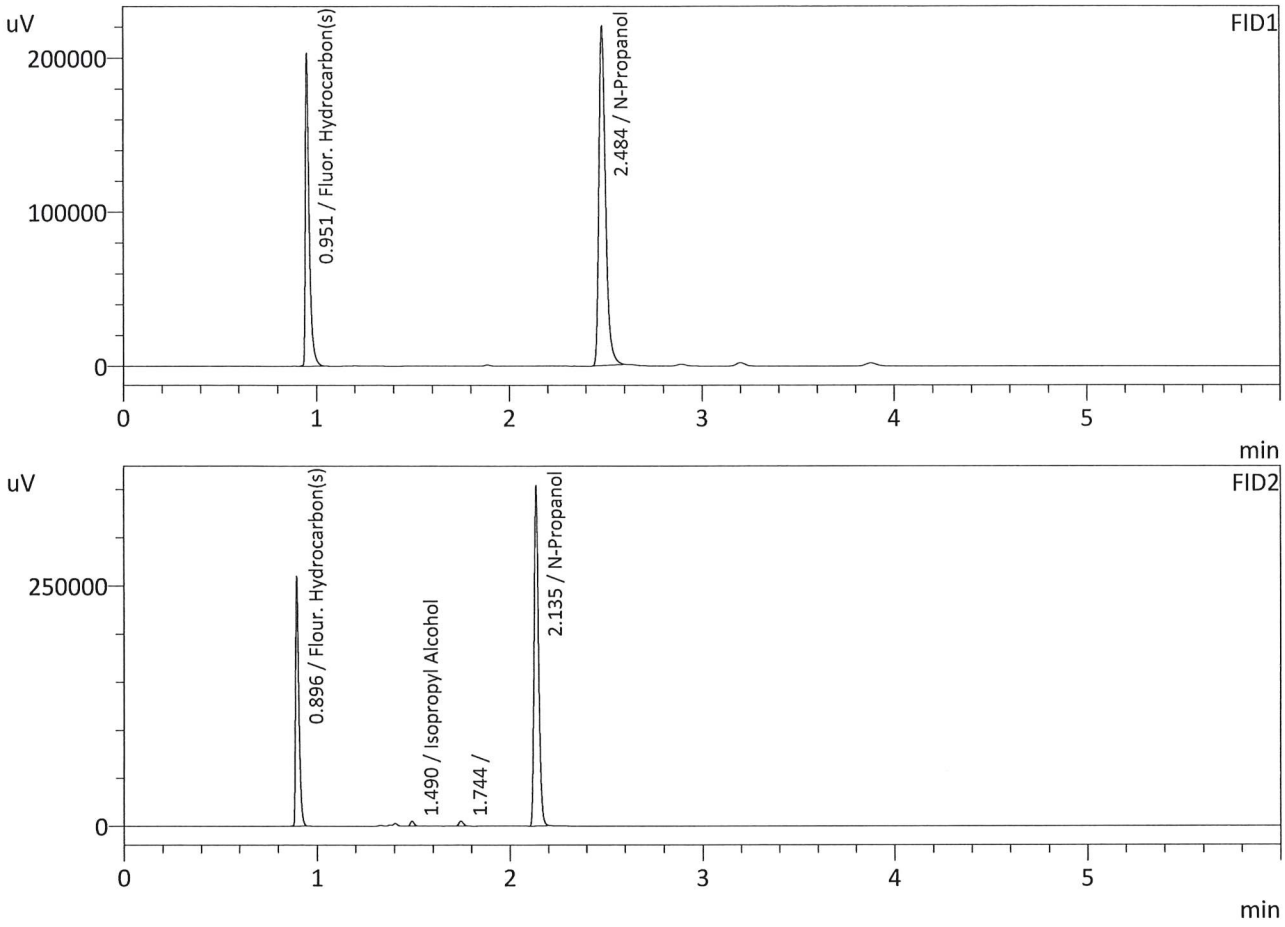
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	498273	g/100cc
Fluor. Hydrocarbon(s)	0.0000	671455	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	550168	g/100cc
Flour. Hydrocarbon(s)	0.0000	730232	g/100cc

Sample Name : TFE
Laboratory : Coeur d' Alene Lab
Injection Date : 10/20/2022 10:40:51 PM
Vial # : 48
Method Filename : C:\LabSolutions\Data\10-20-22\ALCOHOL.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	524307	g/100cc
Fluor. Hydrocarbon(s)	0.0000	271091	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	0.0524	7167	g/100cc
N-Propanol	0.0000	578834	g/100cc
Flour. Hydrocarbon(s)	0.0000	299850	g/100cc