11/2/2021

Worklist: 5342

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2021-2202	1	BCK	Alcohol Analysis
C2021-2209	1	BCK	Alcohol Analysis
C2021-2210	1	BCK	Alcohol Analysis
C2021-2218	1	BCK	Alcohol Analysis
C2021-2229	1	BCK	Alcohol Analysis
C2021-2230	1	BCK	Alcohol Analysis
C2021-2240	1	BCK	Alcohol Analysis
C2021-2244	1	BCK	Alcohol Analysis
C2021-2279	1	BCK	Alcohol Analysis
C2021-2283	1	BCK	Alcohol Analysis
C2021-2300	1	BCK	Alcohol Analysis
C2021-2313	1	BCK	Alcohol Analysis
C2021-2324	1	BCK	Alcohol Analysis
C2021-2366	1	BCK	Alcohol Analysis
C2021-2383	1	BCK	Alcohol Analysis

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):11-2-2021**

worklist #5342

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	0.1979 g/100cc
					0.2031 g/100cc
					g/100cc

Multi-Component mixture:	**Jul-22**	**Lot #**	FN07101701		OK
Curve Fit:		**Column 1**	0.99983	**Column2**	0.99958

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0489	0.0470	0.0019	0.0479
100	0.100	0.090 - 0.110	0.0972	0.0946	0.0026	0.0959
200	0.200	0.180 - 0.220	0.1965	0.1934	0.0031	0.1949
300	0.300	0.270 - 0.330	0.2966	0.2946	0.002	0.2956
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5040	0.5071	0.0031	0.5055

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.078 g/100cc

REVIEWED
By RCutler at 2:02 pm, Nov 08, 2021

Region 1 CDA Blood Alcohol Analysis Batch Table

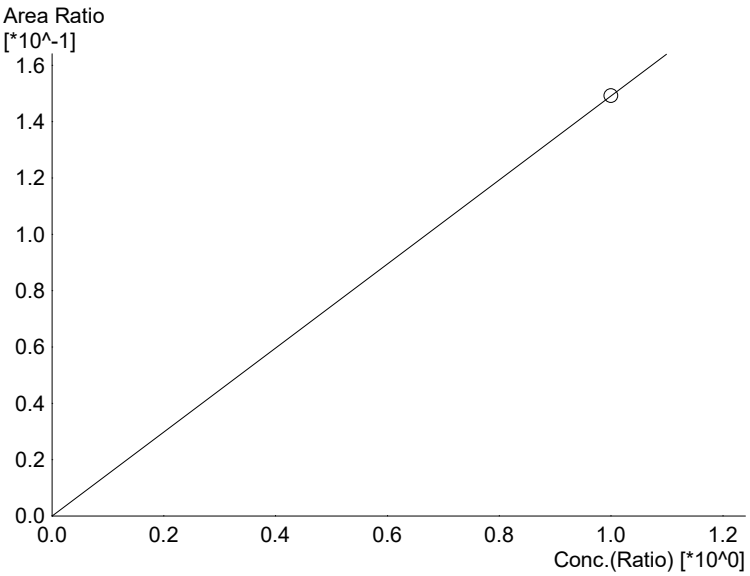
Shimadzu GC-2030 Serial #C1225850700
Shimadzu HS-20 Serial #C12595700181
Lab Solutions Software Ver. 5.99

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 1	0:Unknown	0	ALCOHOL (short).GCM
8	MULTI-COMP MIX	1:Standard:(R)	6	ALCOHOL (short).GCM
9	INT STD BLK 2	0:Unknown	0	ALCOHOL (short).GCM
10	QC2-1-A	0:Unknown	0	ALCOHOL (short).GCM
11	QC2-1-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	C2021-2202-1-A	0:Unknown	0	ALCOHOL (short).GCM
15	C2021-2202-1-B	0:Unknown	0	ALCOHOL (short).GCM
16	C2021-2209-1-A	0:Unknown	0	ALCOHOL (short).GCM
17	C2021-2209-1-B	0:Unknown	0	ALCOHOL (short).GCM
18	C2021-2210-1-A	0:Unknown	0	ALCOHOL (short).GCM
19	C2021-2210-1-B	0:Unknown	0	ALCOHOL (short).GCM
20	C2021-2218-1-A	0:Unknown	0	ALCOHOL (short).GCM
21	C2021-2218-1-B	0:Unknown	0	ALCOHOL (short).GCM
22	C2021-2229-1-A	0:Unknown	0	ALCOHOL (short).GCM
23	C2021-2229-1-B	0:Unknown	0	ALCOHOL (short).GCM
24	C2021-2230-1-A	0:Unknown	0	ALCOHOL (short).GCM
25	C2021-2230-1-B	0:Unknown	0	ALCOHOL (short).GCM
26	C2021-2240-1-A	0:Unknown	0	ALCOHOL (short).GCM
27	C2021-2240-1-B	0:Unknown	0	ALCOHOL (short).GCM
28	C2021-2244-1-A	0:Unknown	0	ALCOHOL (short).GCM
29	C2021-2244-1-B	0:Unknown	0	ALCOHOL (short).GCM
30	C2021-2279-1-A	0:Unknown	0	ALCOHOL (short).GCM
31	C2021-2279-1-B	0:Unknown	0	ALCOHOL (short).GCM
32	QC1-1-A	0:Unknown	0	ALCOHOL (short).GCM
33	QC1-1-B	0:Unknown	0	ALCOHOL (short).GCM
34	C2021-2283-1-A	0:Unknown	0	ALCOHOL (short).GCM
35	C2021-2283-1-B	0:Unknown	0	ALCOHOL (short).GCM
36	C2021-2300-1-A	0:Unknown	0	ALCOHOL (short).GCM
37	C2021-2300-1-B	0:Unknown	0	ALCOHOL (short).GCM
38	C2021-2313-1-A	0:Unknown	0	ALCOHOL (short).GCM
39	C2021-2313-1-B	0:Unknown	0	ALCOHOL (short).GCM
40	C2021-2324-1-A	0:Unknown	0	ALCOHOL (short).GCM
41	C2021-2324-1-B	0:Unknown	0	ALCOHOL (short).GCM
42	C2021-2366-1-A	0:Unknown	0	ALCOHOL (short).GCM
43	C2021-2366-1-B	0:Unknown	0	ALCOHOL (short).GCM
44	C2021-2383-1-A	0:Unknown	0	ALCOHOL (short).GCM
45	C2021-2383-1-B	0:Unknown	0	ALCOHOL (short).GCM
46	QC2-2-A	0:Unknown	0	ALCOHOL (short).GCM
47	QC2-2-B	0:Unknown	0	ALCOHOL (short).GCM
48	INT STD BLNK	0:Unknown	0	ALCOHOL (short).GCM

Calibration Table

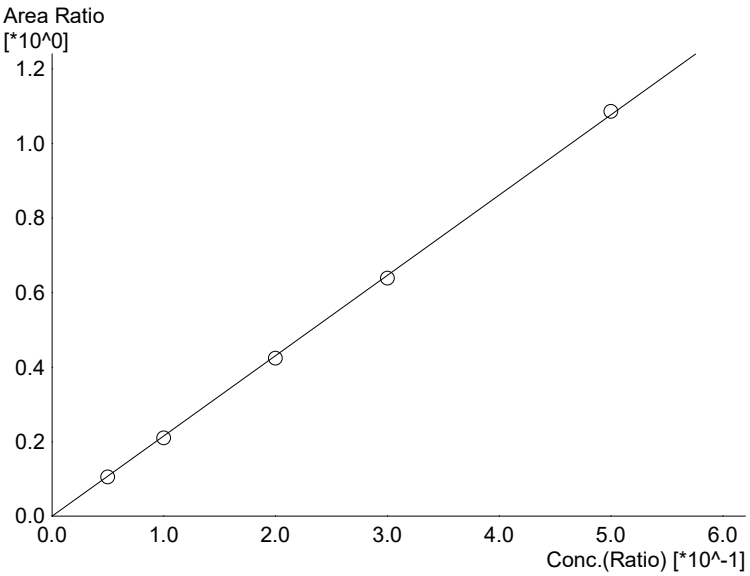
Laboratory : Coeur d' Alene
Instrument Name : Nexis GC2030
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Batch File :C:\LabSolutions\Data\11-2-21\11-2-21.gcb
Date Acquired :11/2/2021 2:33:52 PM
Date Created :11/2/2021 2:30:58 PM
Date Modified :11/3/2021 11:49:07 AM



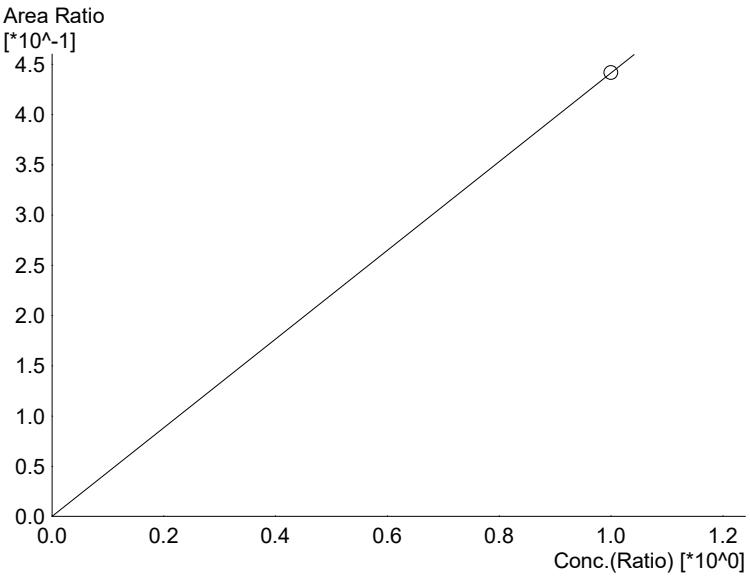
Name : Methanol
Detector Name: FID1
Function : f(x)=0.149176*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	31461	1.0000



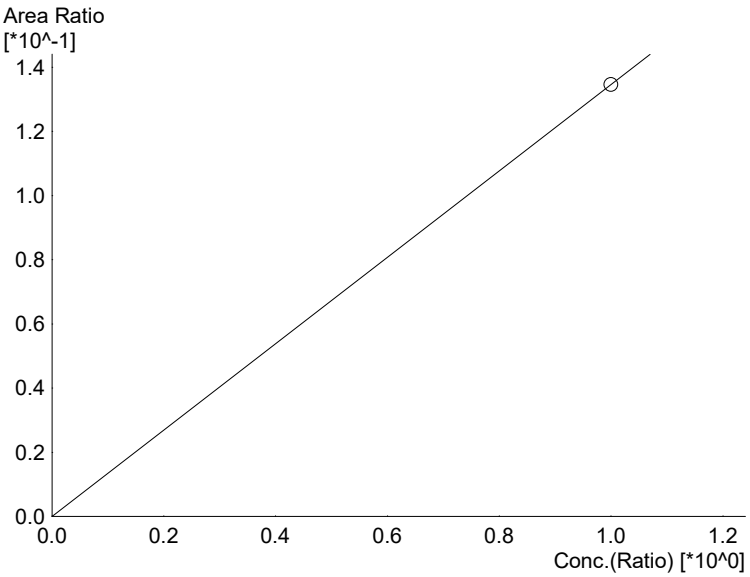
Name : Ethanol
Detector Name: FID1
Function : f(x)=2.15369*x+0
R^2 value= 0.9998351
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
1	0.050	20897	0.0489
2	0.100	40889	0.0972
3	0.200	82812	0.1965
4	0.300	127411	0.2966
5	0.500	219192	0.5040



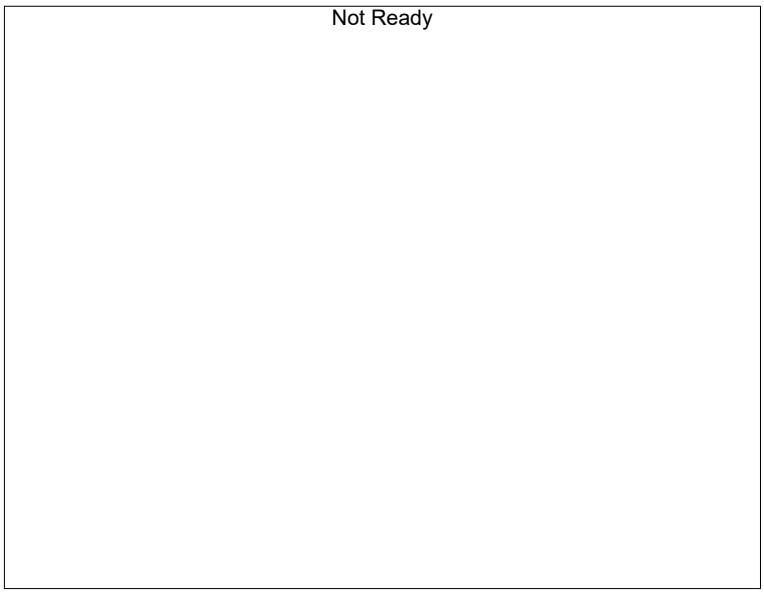
Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.441680*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	93151	1.0000



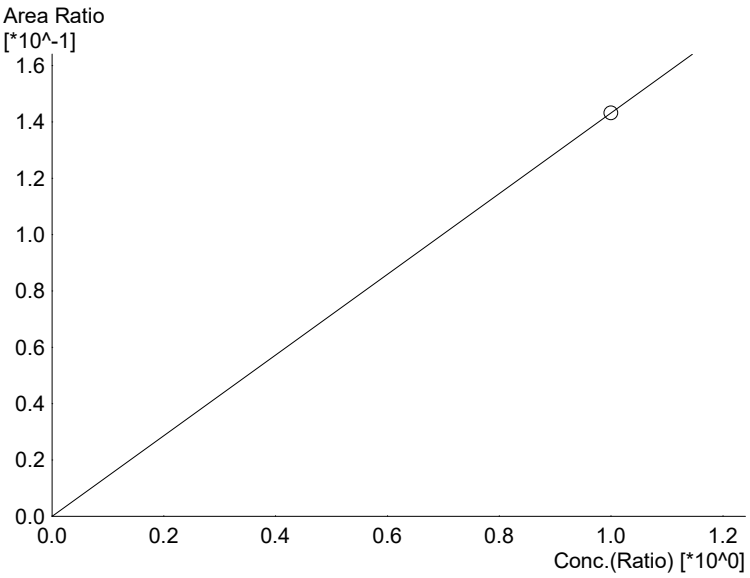
Name : Acetone
Detector Name: FID1
Function : f(x)=0.134571*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	28381	1.0000



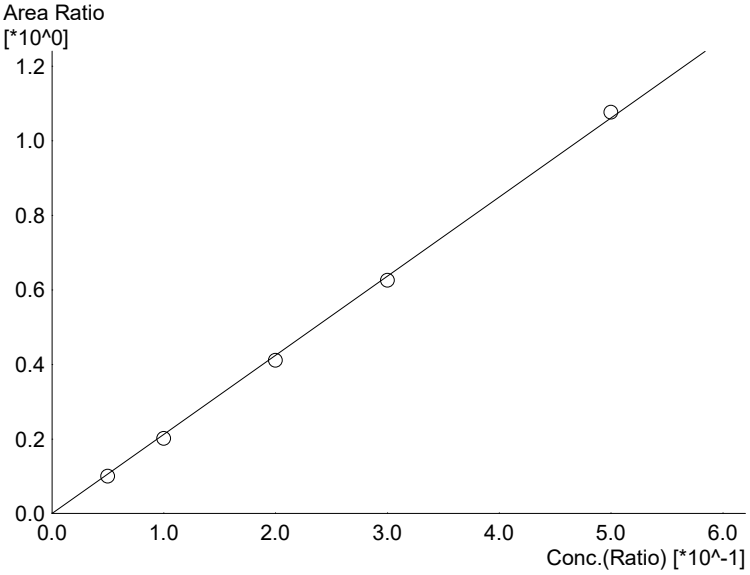
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.



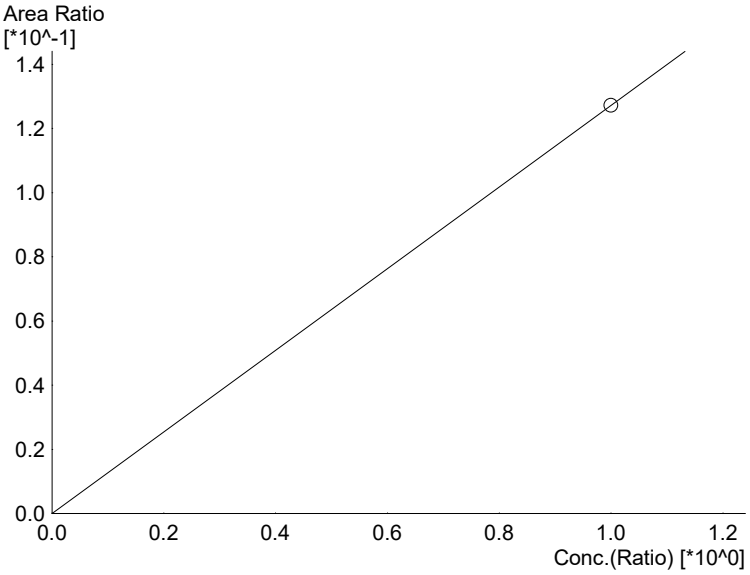
Name : Methanol
Detector Name: FID2
Function : f(x)=0.143113*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	32327	1.0000



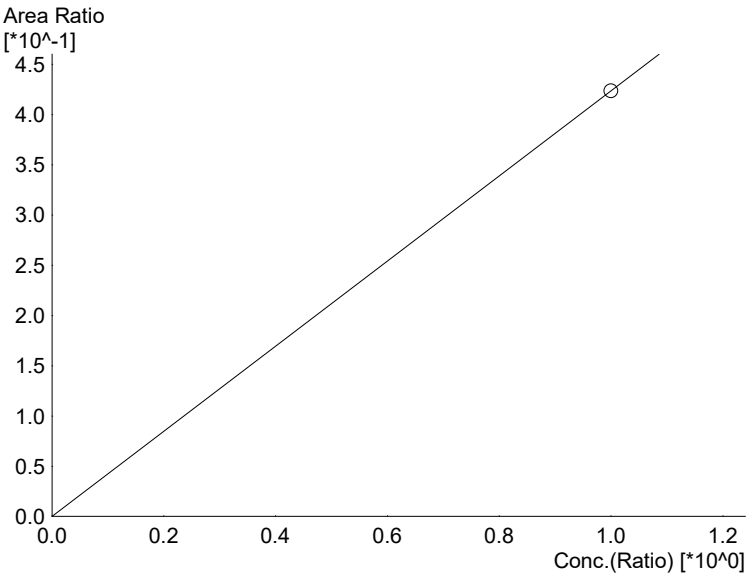
Name : Ethanol
Detector Name: FID2
Function : f(x)=2.12244*x+0
R^2 value= 0.9995817
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
1	0.050	21188	0.0470
2	0.100	41946	0.0946
3	0.200	85798	0.1934
4	0.300	133137	0.2946
5	0.500	231334	0.5071



Name : Acetone
Detector Name: FID2
Function : f(x)=0.127158*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	28723	1.0000



Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.423452*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	95653	1.0000

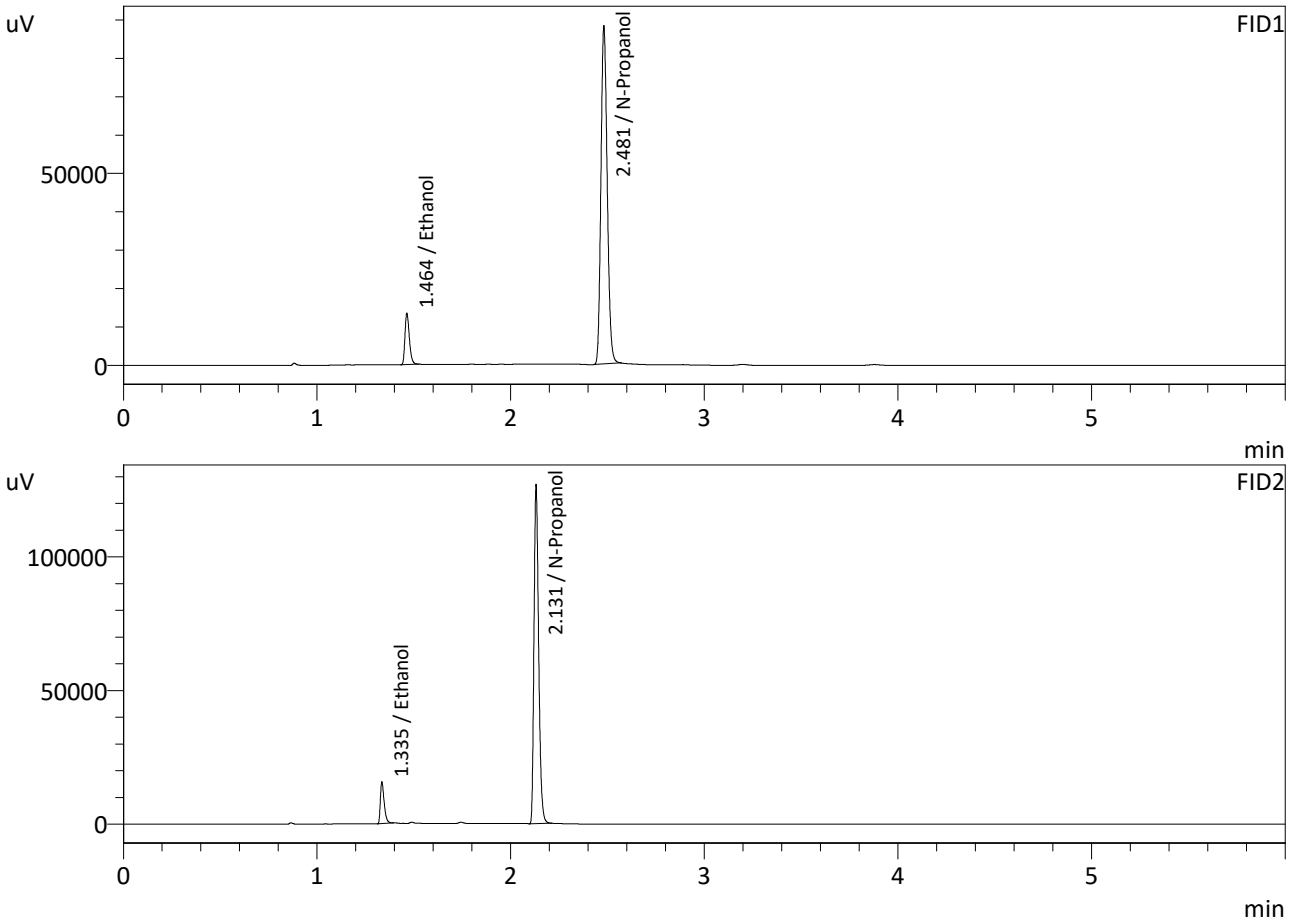
Not Ready

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

#	Conc.	Area	Std. Conc.

JJ

Sample Name : 0.050
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 1:57:41 PM
Vial # : 2
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



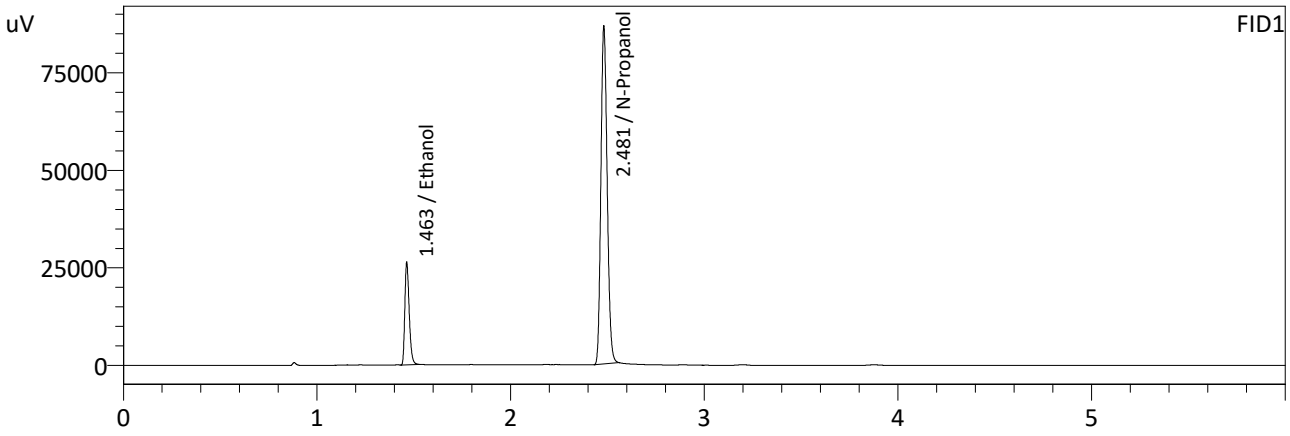
FID1

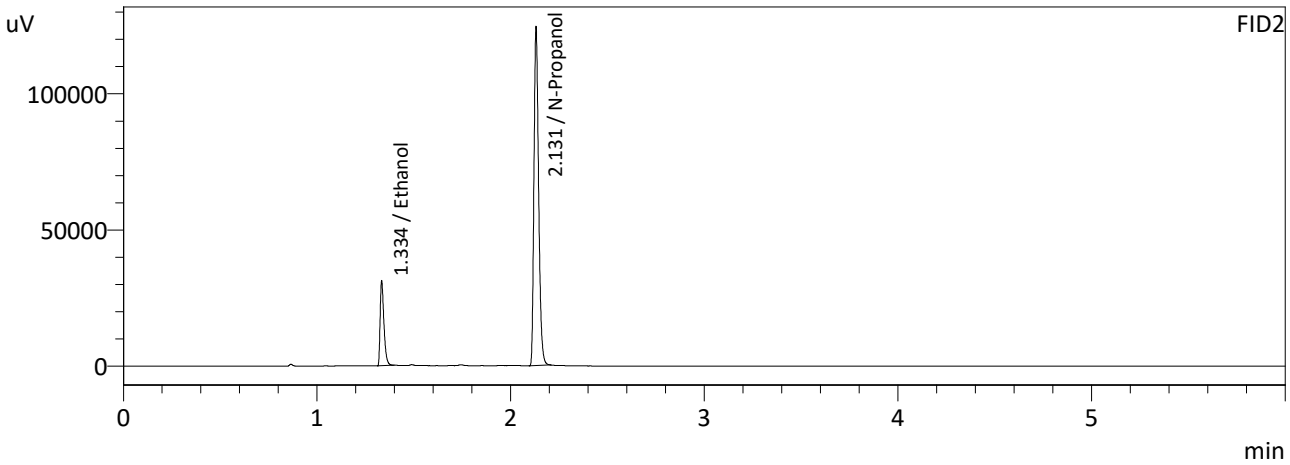
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0489	20897	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	198423	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0470	21188	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	212194	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.100
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 2:06:44 PM
Vial # : 3
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





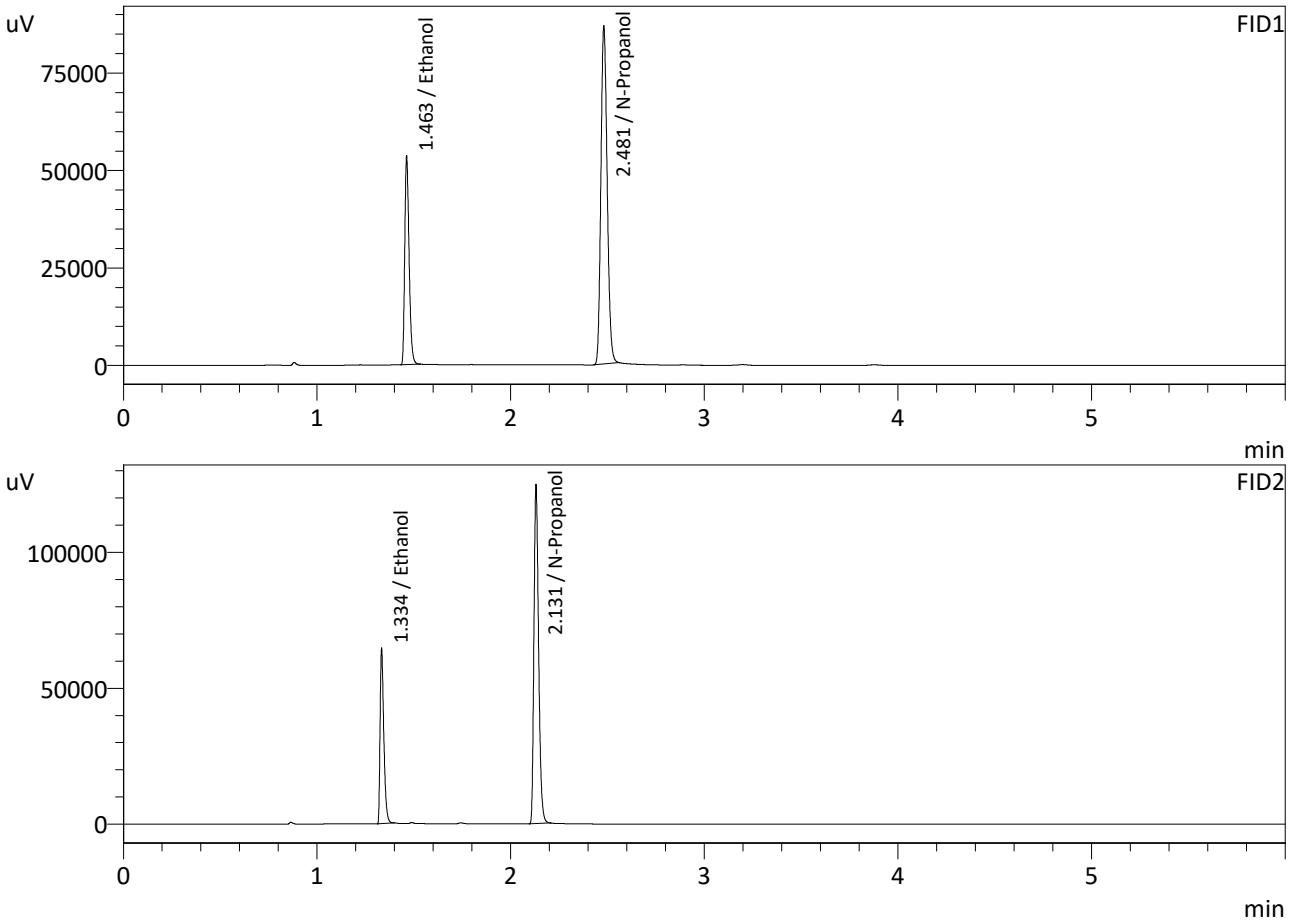
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0972	40889	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	195135	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0946	41946	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	208704	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.200
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 2:15:46 PM
Vial # : 4
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

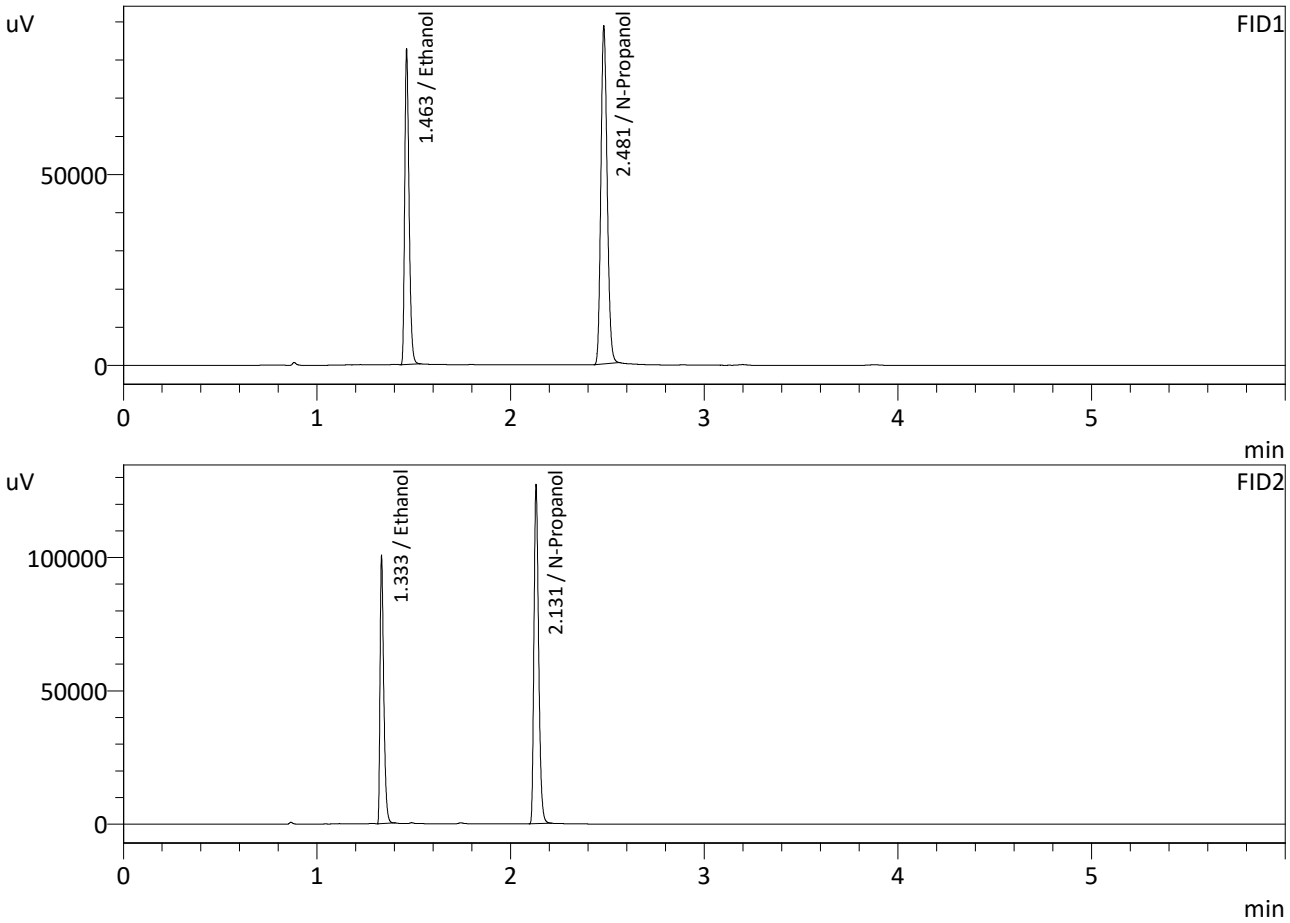
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1965	82812	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	195606	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1934	85798	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	208927	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.300
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 2:24:50 PM
Vial # : 5
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

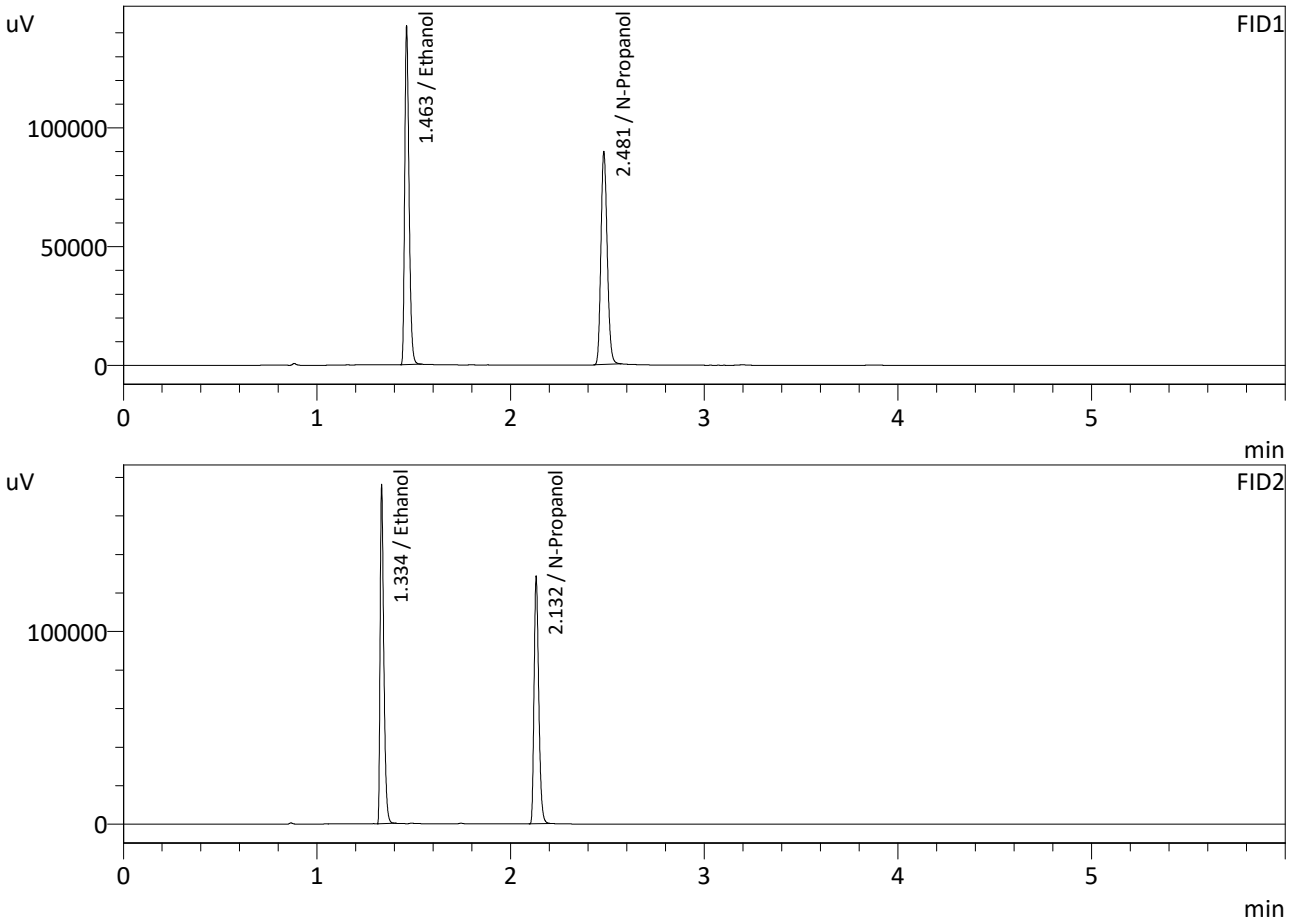
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2966	127411	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	199439	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2946	133137	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	212867	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

JJ

Sample Name : 0.500
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 2:33:52 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



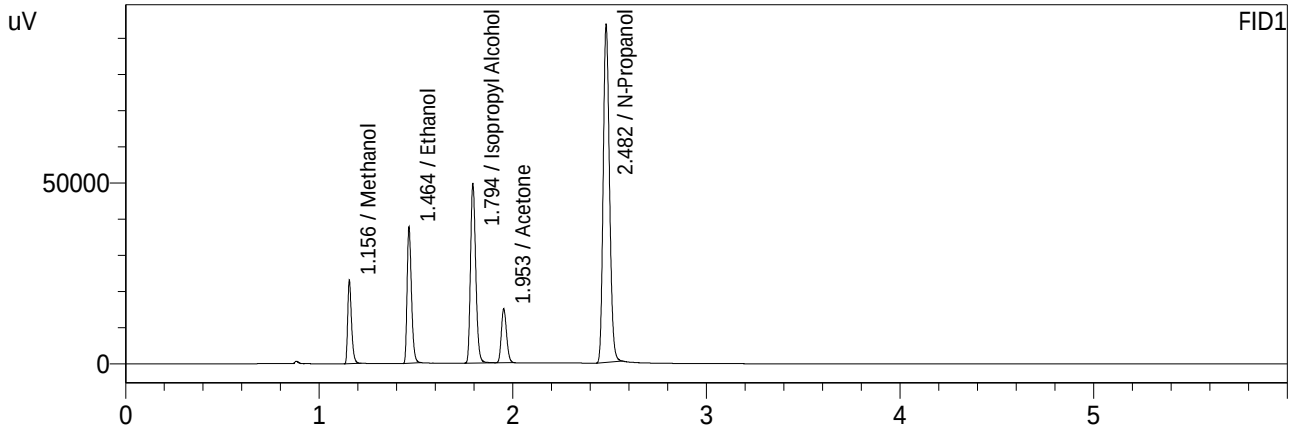
FID1

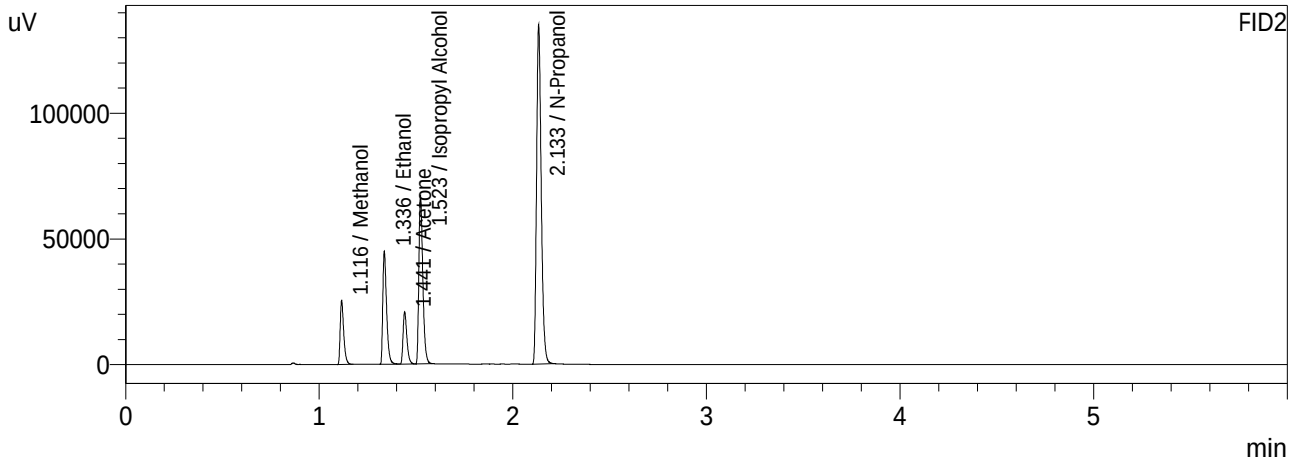
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5040	219192	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	201917	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5071	231334	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	214915	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : MULTI-COMP MIX
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 2:51:58 PM
Vial # : 8
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





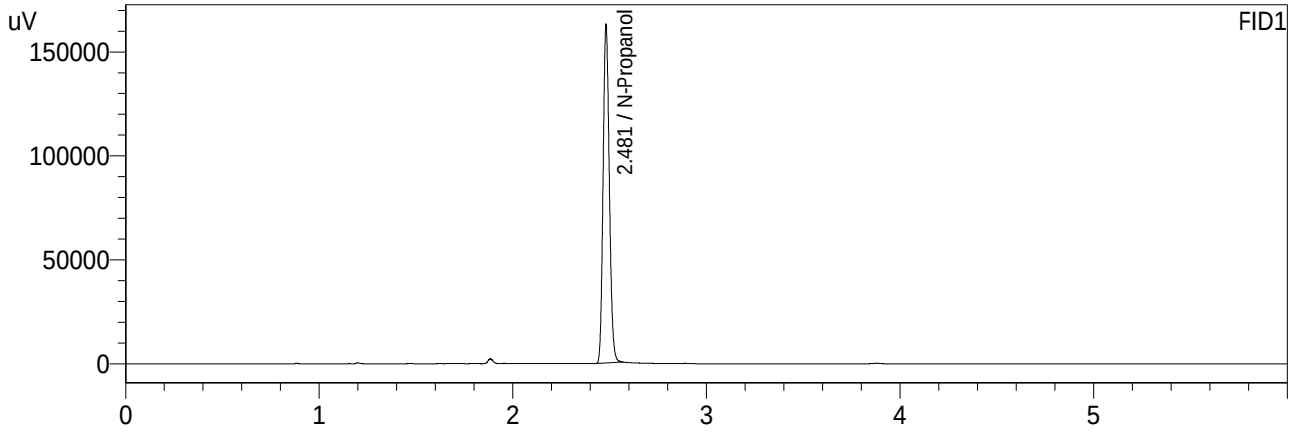
FID1

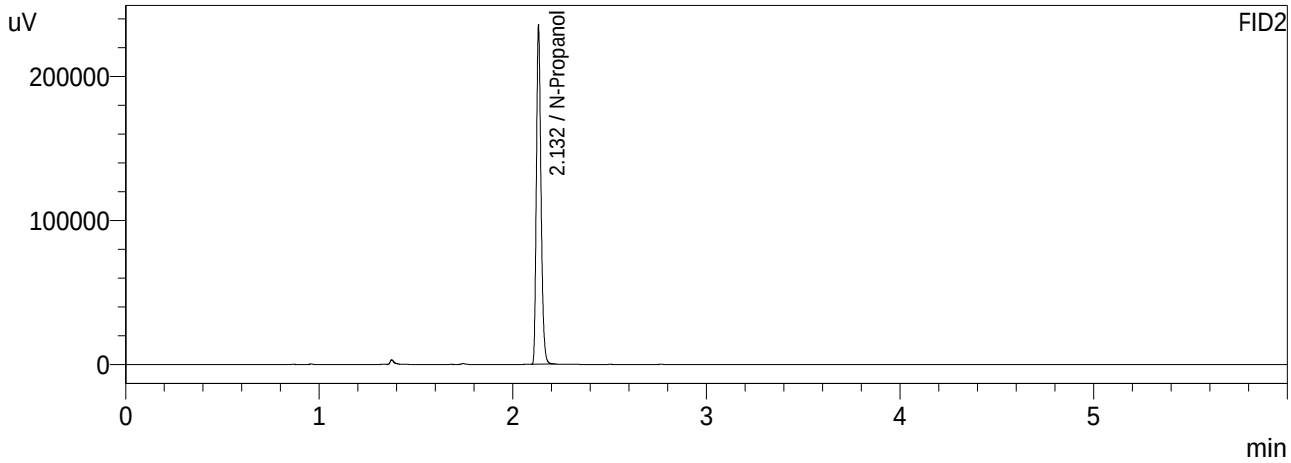
Name	Conc.	Area	Unit
Methanol	1.0000	31461	g/100cc
Ethanol	0.1290	58595	g/100cc
Isopropyl Alcohol	1.0000	93151	g/100cc
Acetone	1.0000	28381	g/100cc
N-Propanol	0.0000	210901	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	32327	g/100cc
Ethanol	0.1269	60885	g/100cc
Acetone	1.0000	28723	g/100cc
Isopropyl Alcohol	1.0000	95653	g/100cc
N-Propanol	0.0000	225888	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 1:48:38 PM
Vial # : 1
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

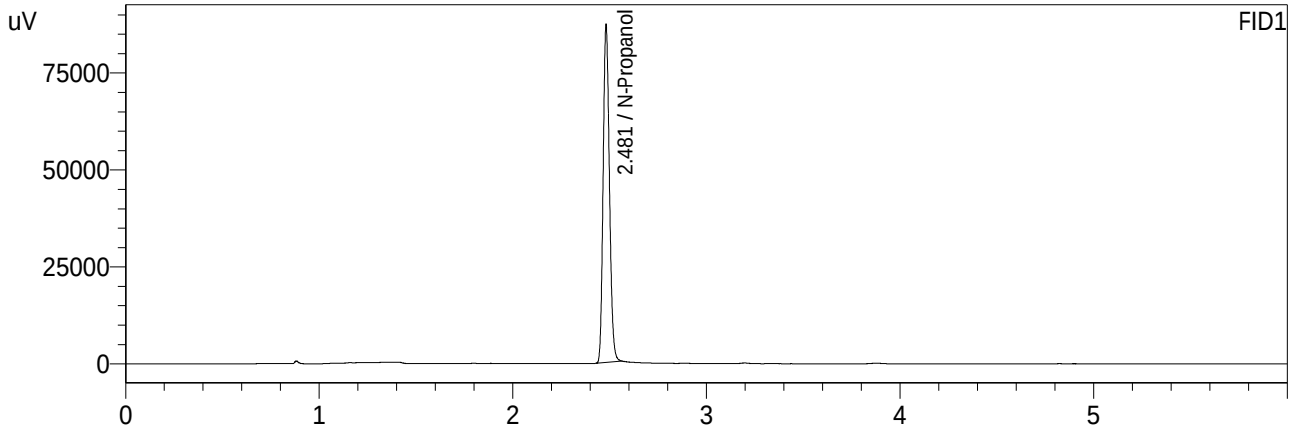
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	364021	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

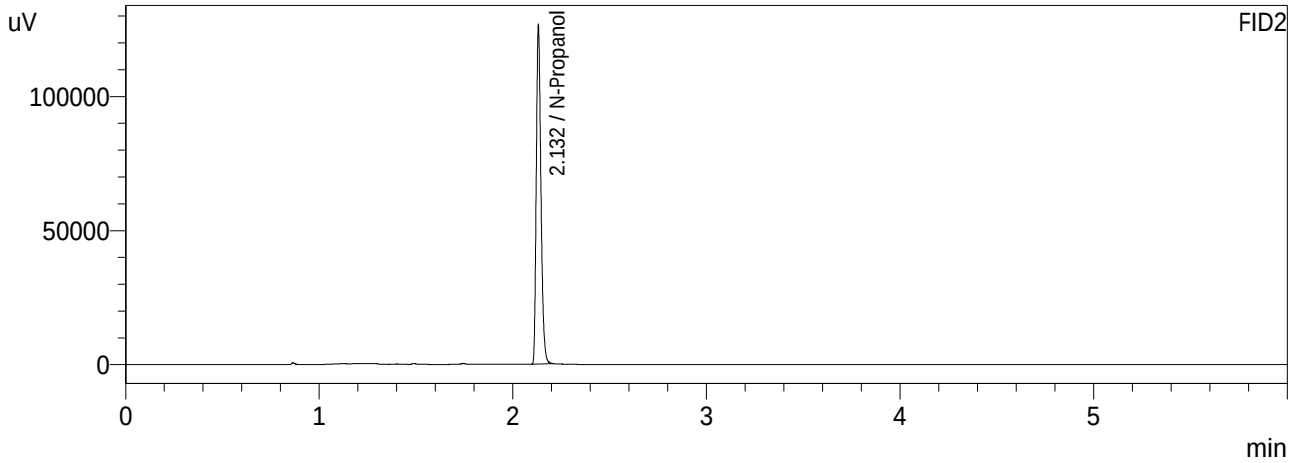
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	390067	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

JJ

Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 2:42:55 PM
Vial # : 7
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





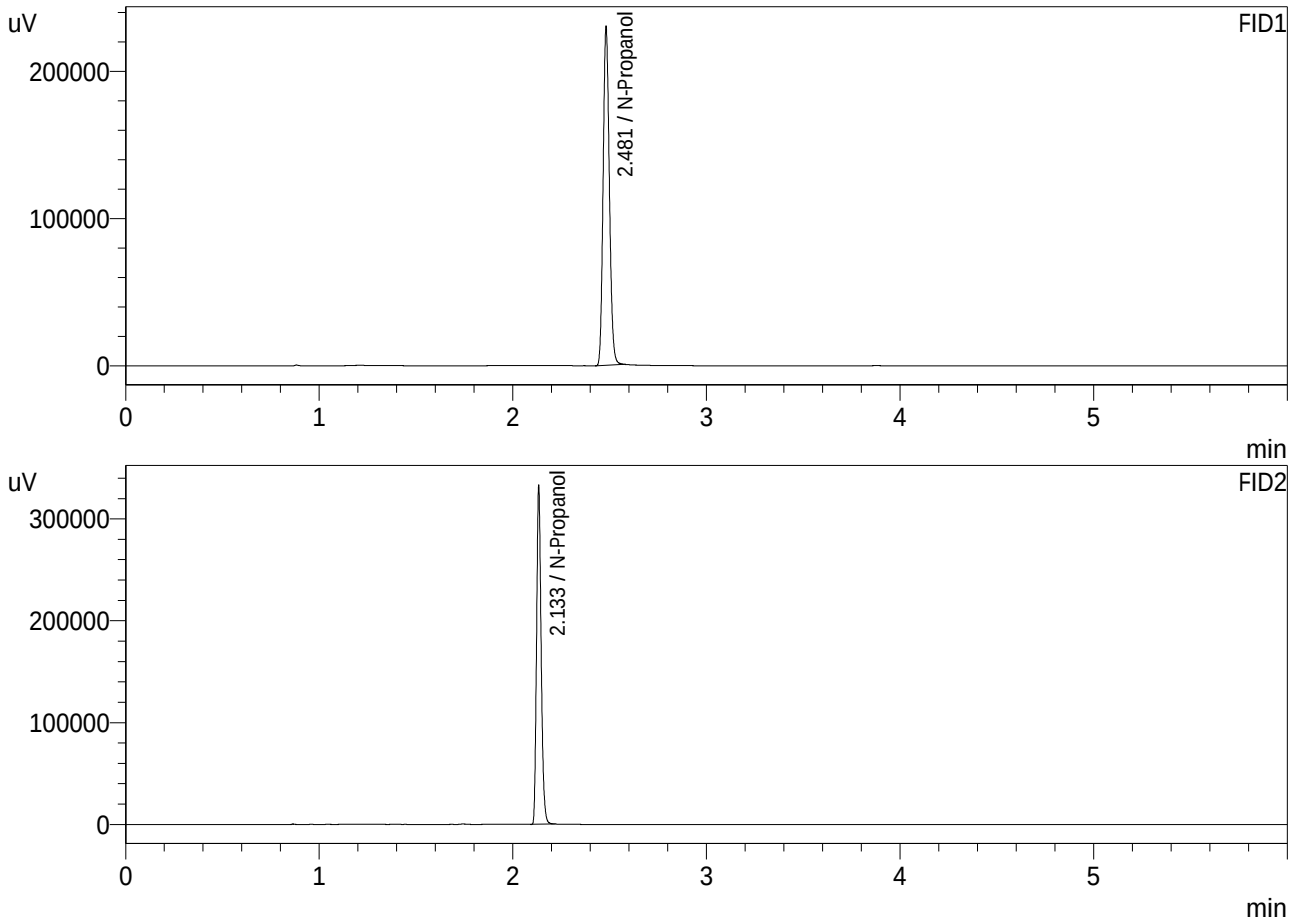
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196497	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	211507	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLNK
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 8:54:32 PM
Vial # : 48
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

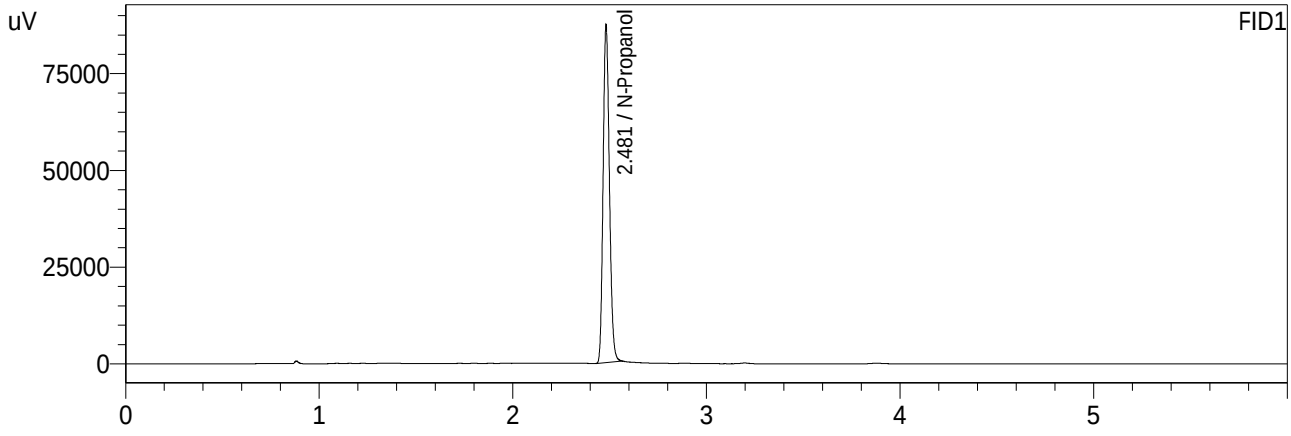
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	514418	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

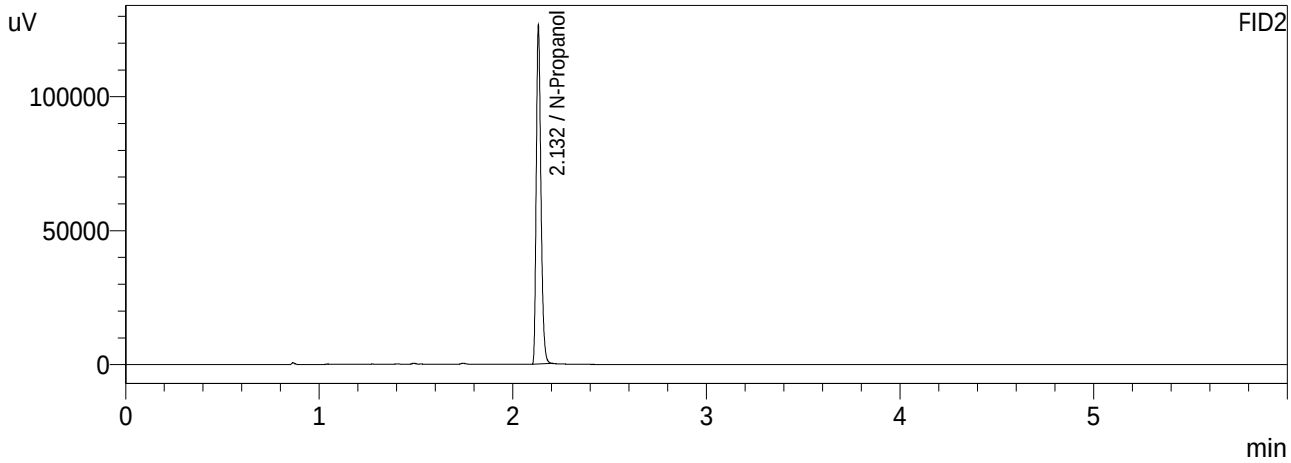
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	549190	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 3:01:01 PM
Vial # : 9
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181

99





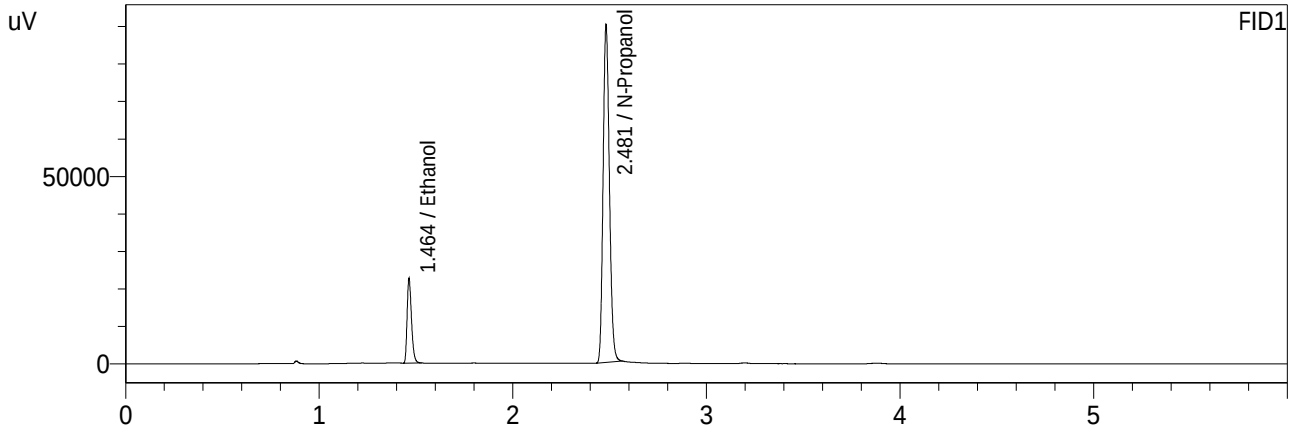
FID1

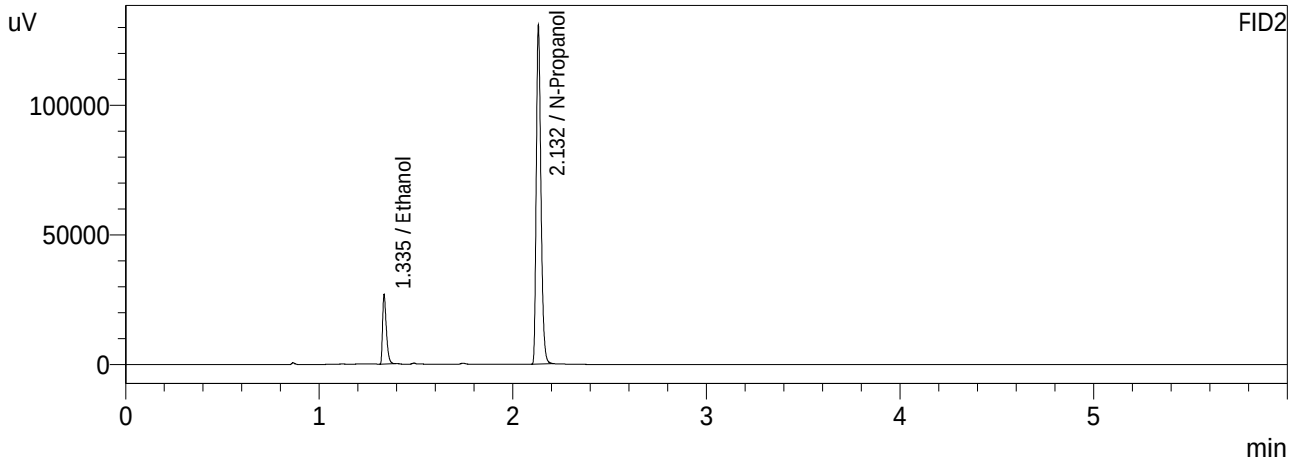
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	197024	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	212071	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.08 QA - A
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 3:28:10 PM
Vial # : 12
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0805	35359	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	203738	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0779	36175	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	218782	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

JJ

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.080 **Analysis Date(s): 11-2-2021**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0805	0.0779	0.0026	0.0792	0.0006	0.0789
(g/100cc)	0.0800	0.0773	0.0027	0.0786		

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%**

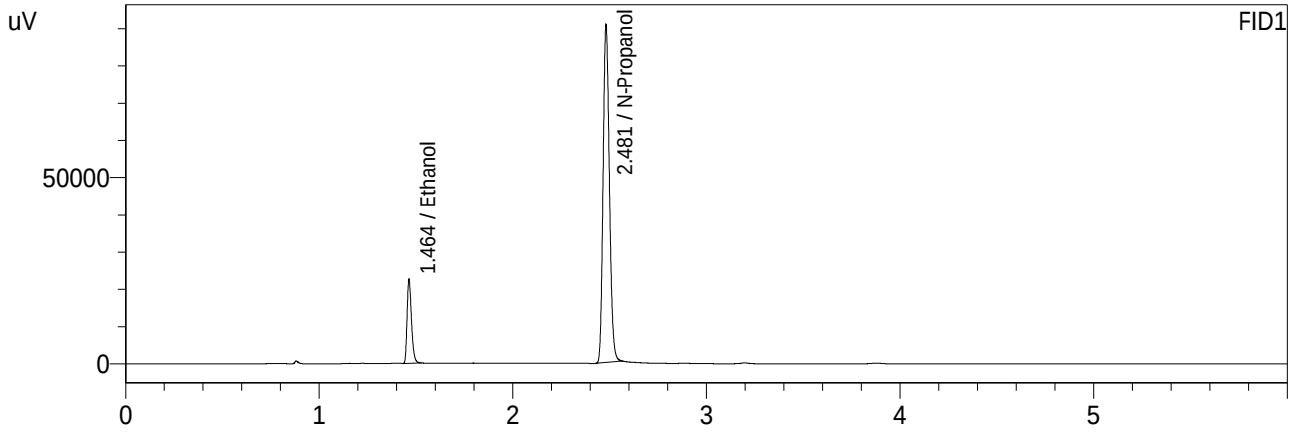
Overall Mean (g/100cc)	Low	High	5% of Mean
0.078	**0.074**	**0.082**	**0.004**

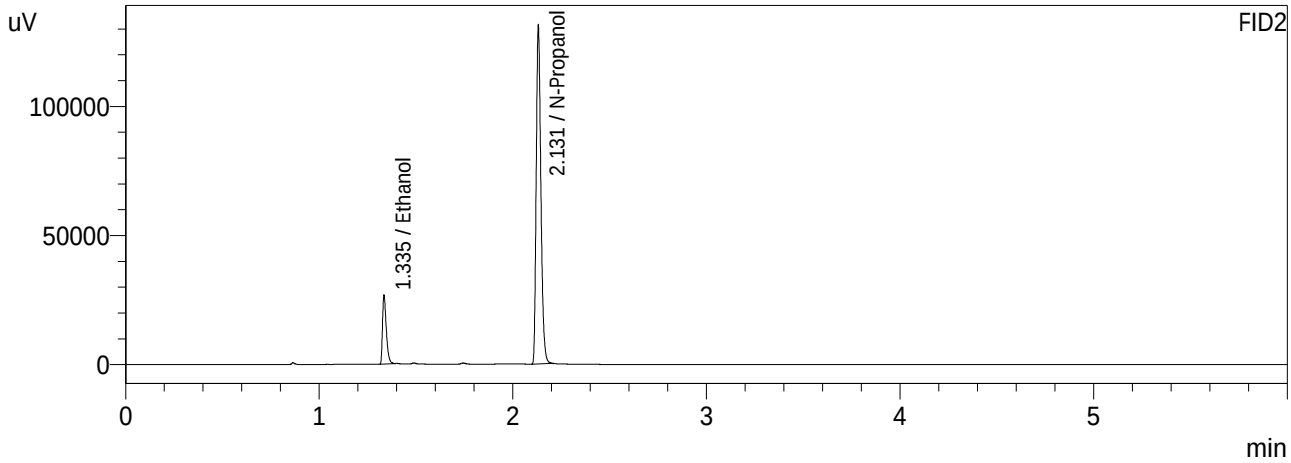
Reported Result

0.078

Calibration and control data are stored centrally.

Sample Name : 0.08 QA - B
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 3:37:12 PM
Vial # : 13
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





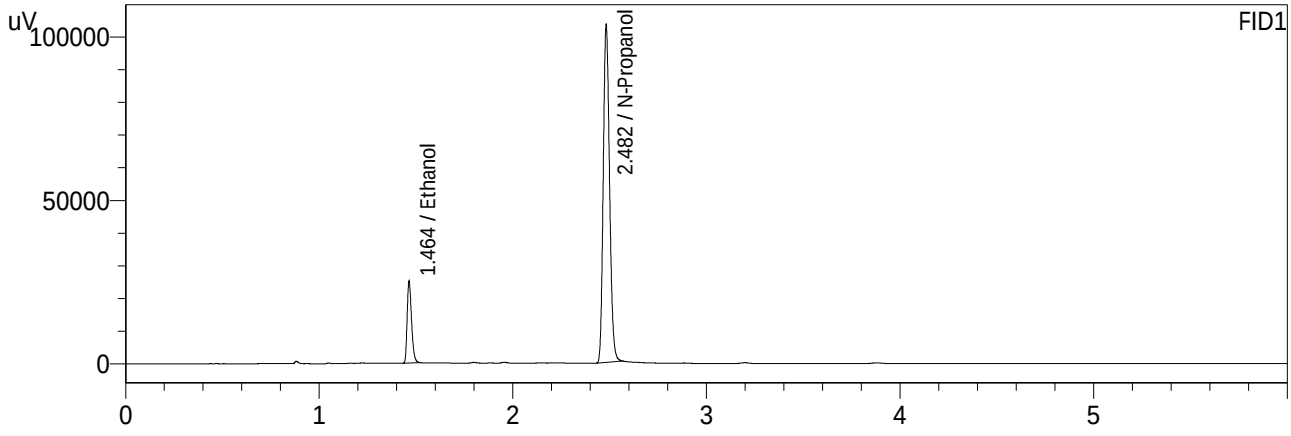
FID1

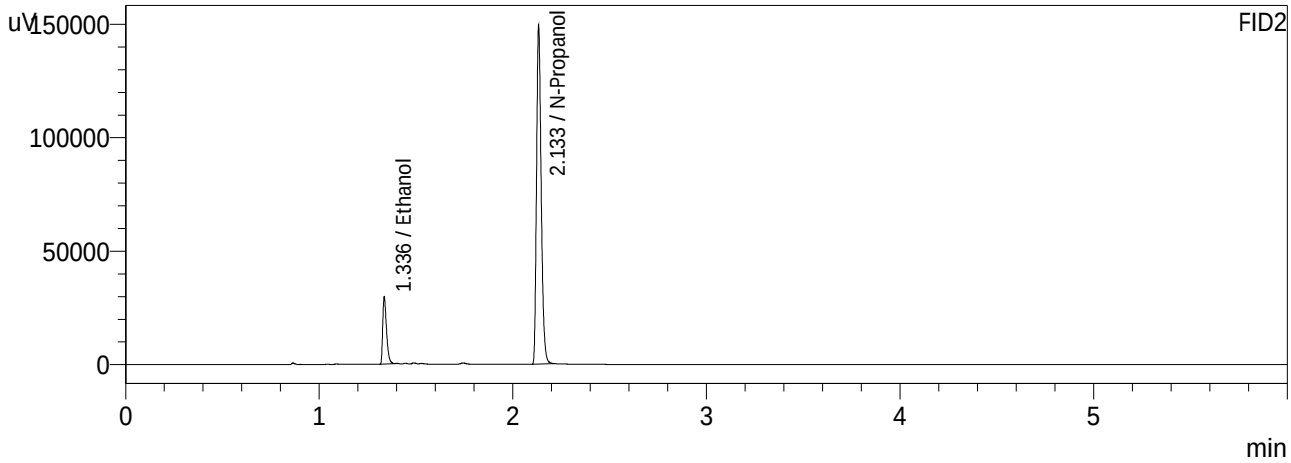
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0800	35325	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	204915	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0773	36118	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	220073	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC1-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 6:29:08 PM
Vial # : 32
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0783	39405	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	233451	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0756	40187	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	250140	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

JJ

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 11-2-2021**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0783	0.0756	0.0027	0.0769	0.0003	0.0768
(g/100cc)	0.0779	0.0754	0.0025	0.0766		

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
0.076	**0.072**	**0.080**	**0.004**

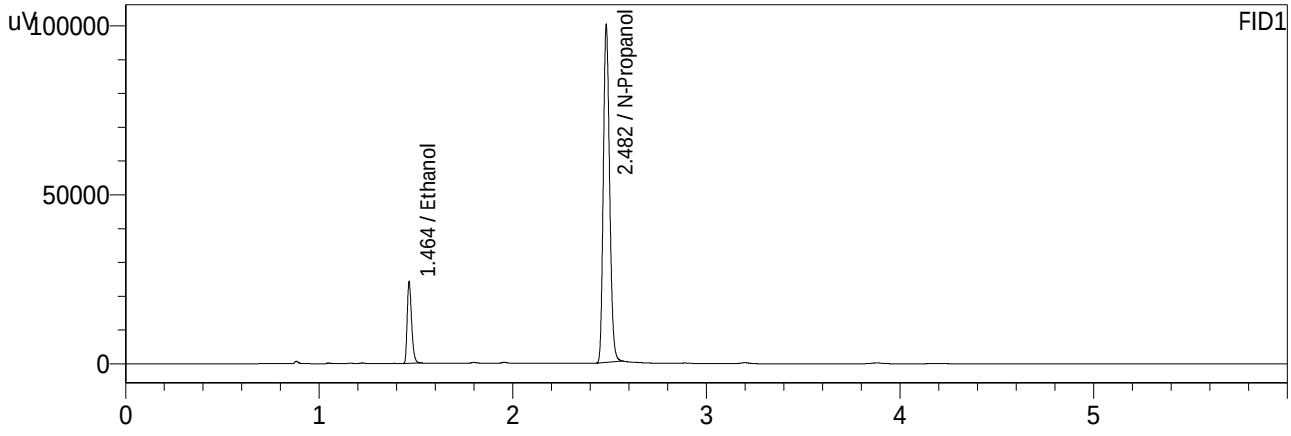
Reported Result

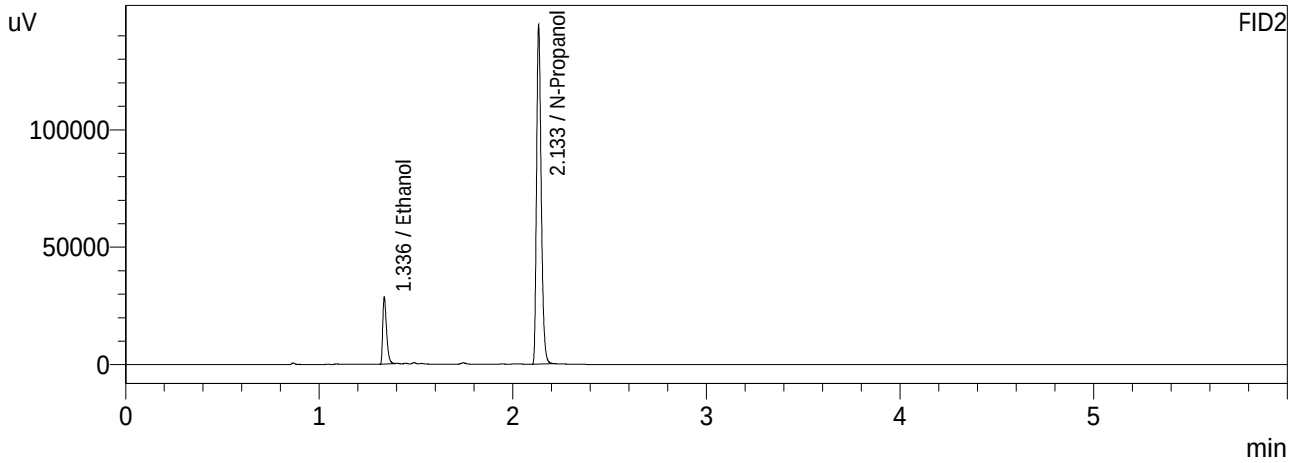
0.076

Calibration and control data are stored centrally.

JJ

Sample Name : QC1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 6:38:11 PM
Vial # : 33
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

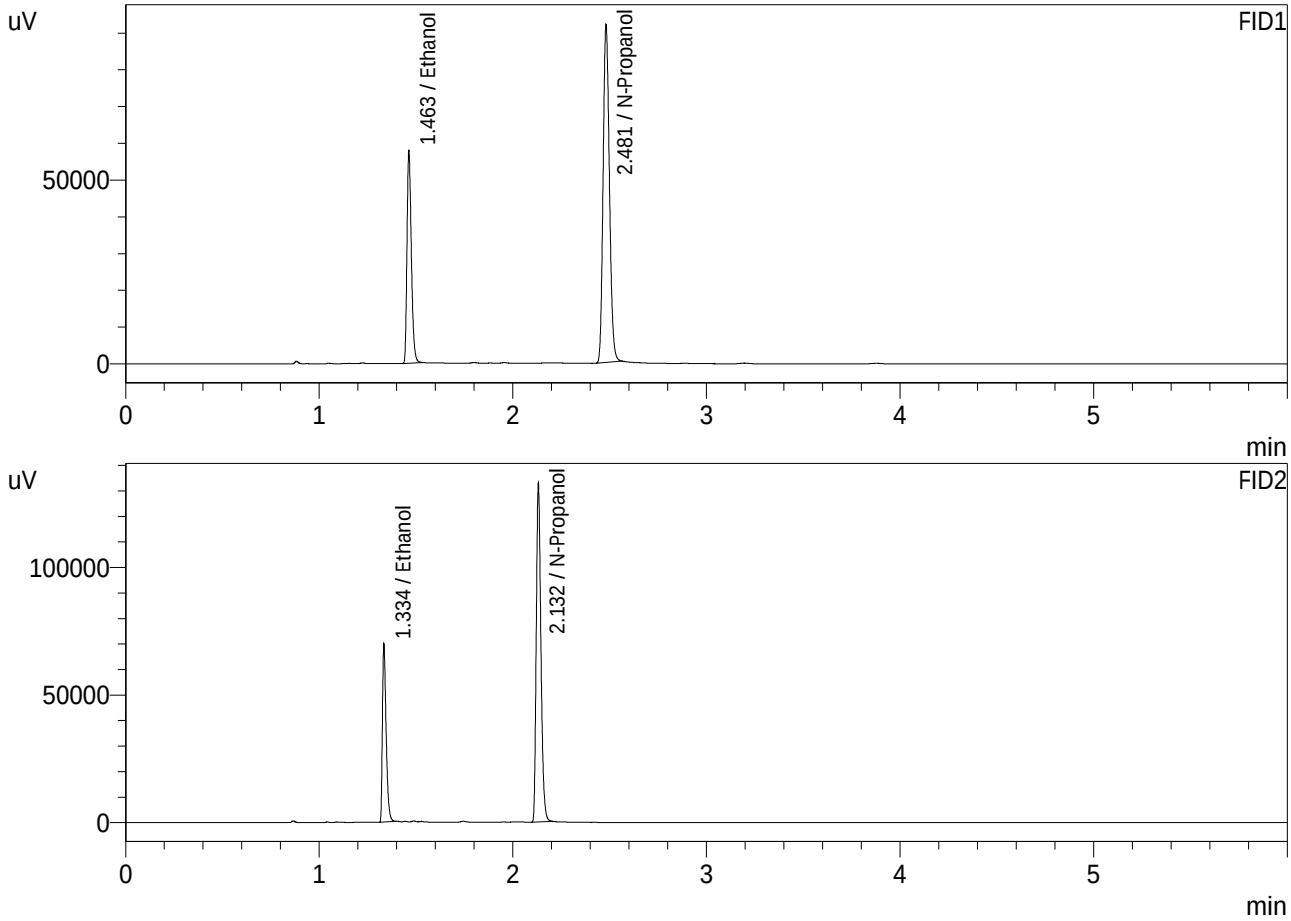
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0779	37903	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	225675	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0754	38675	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	241532	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

JJ

Sample Name : QC2-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 3:10:04 PM
Vial # : 10
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2007	89802	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	207715	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1971	93064	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	222358	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

JJ

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 11-2-2021**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2007	0.1971	0.0036	0.1989	0.0019	0.1979
(g/100cc)	0.1986	0.1954	0.0032	0.1970		

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%**

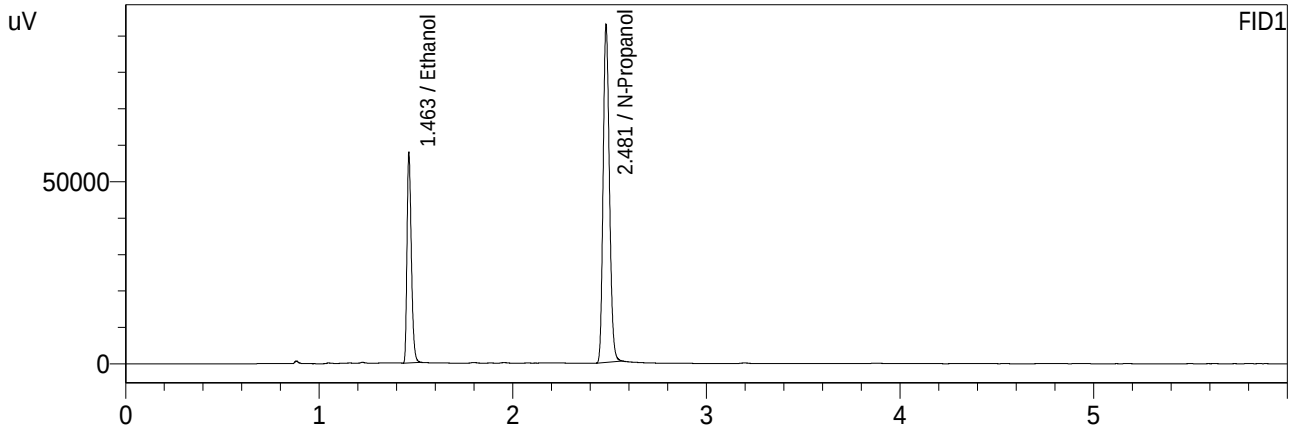
Overall Mean (g/100cc)	Low	High	5% of Mean
0.197	**0.187**	**0.207**	**0.010**

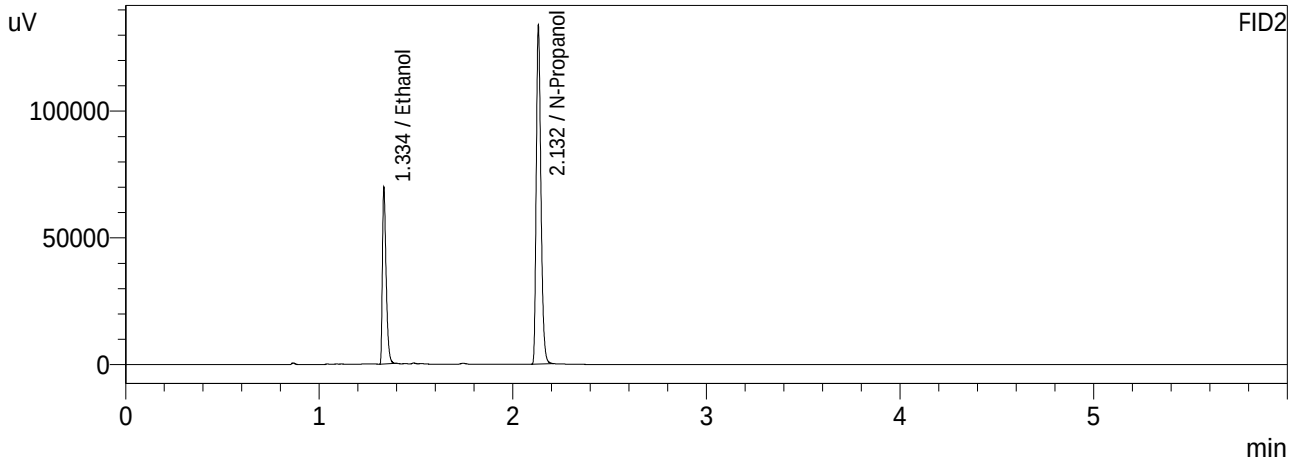
Reported Result

0.197

Calibration and control data are stored centrally.

Sample Name : QC2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 3:19:07 PM
Vial # : 11
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

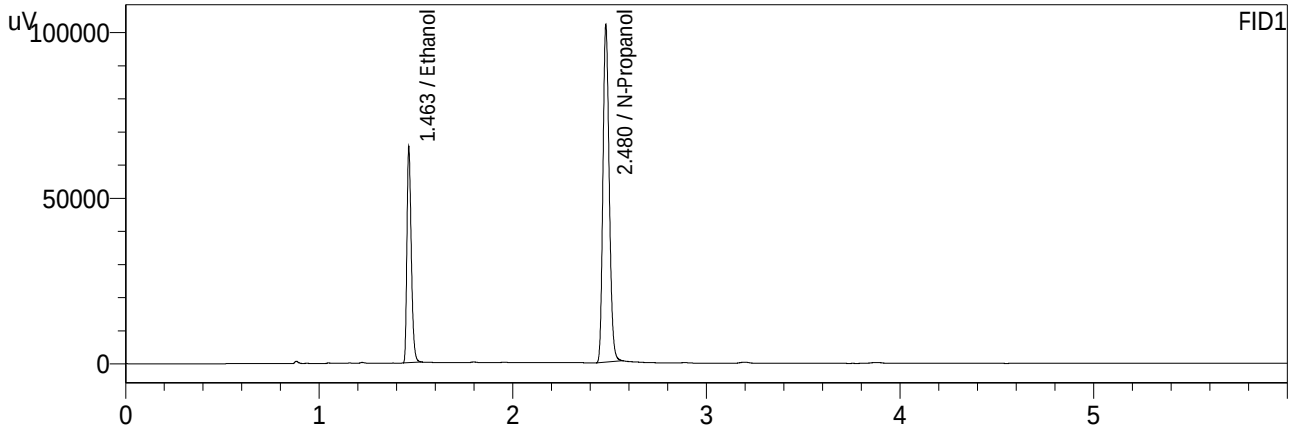
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1986	89505	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	209251	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

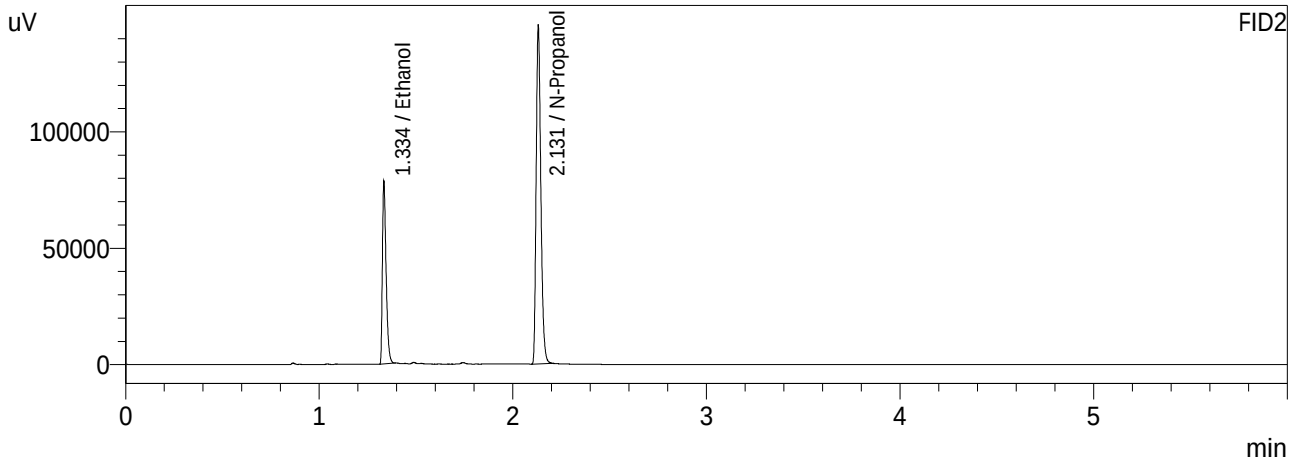
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1954	92938	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	224056	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC2-2-A
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 8:36:21 PM
Vial # : 46
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181

JJ





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2046	101363	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	229926	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2016	104317	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	243792	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

JJ

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 11-2-2021**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2046	0.2016	0.0030	0.2031	0.0001	0.2031
(g/100cc)	0.2047	0.2017	0.0030	0.2032		

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%**

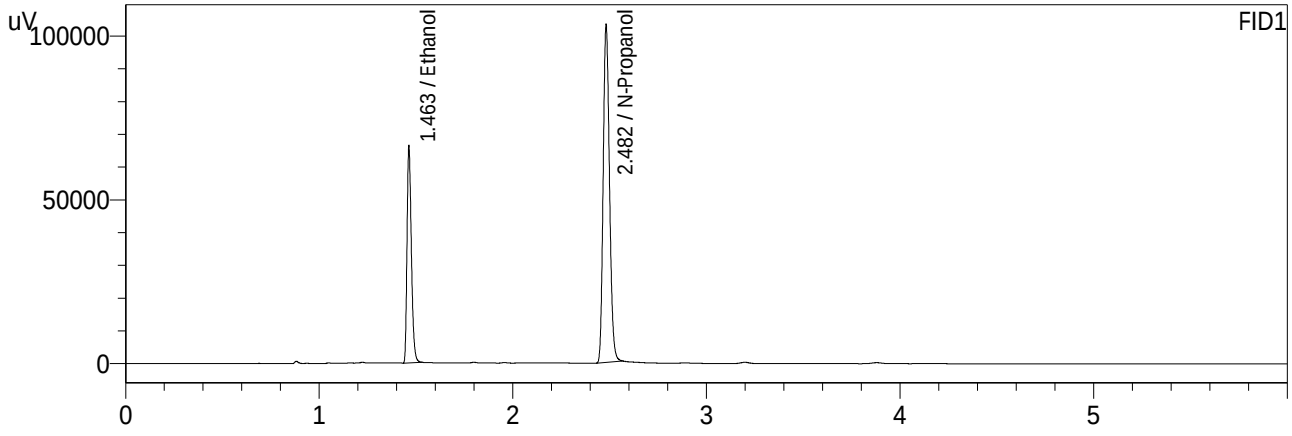
Overall Mean (g/100cc)	Low	High	5% of Mean
0.203	**0.192**	**0.214**	**0.011**

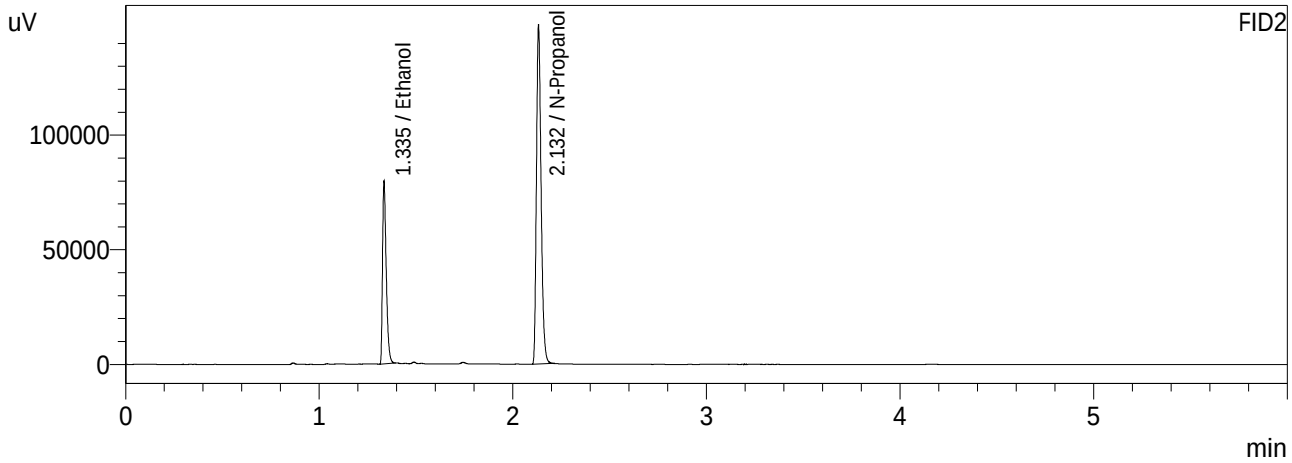
Reported Result

0.203

Calibration and control data are stored centrally.

Sample Name : QC2-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 11/2/2021 8:45:26 PM
Vial # : 47
Method Filename : C:\LabSolutions\Data\11-2-21\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2047	102879	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	233280	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2017	105878	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	247204	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc