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REVIEWED

By Tamara Salazar at 12:48 pm, Oct 03, 2024

10/1/2024

Worklist: 6944

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2024-1856	1	BCK	Alcohol Analysis	
C2024-1857	1	BCK	Alcohol Analysis	
C2024-1858	1	BCK	Alcohol Analysis	
C2024-1882	1	BCK	Alcohol Analysis	
C2024-1888	1	BCK	Alcohol Analysis	
C2024-1895	1	BCK	Alcohol Analysis	
C2024-1927	1	BCK	Alcohol Analysis	
C2024-1950	1	BCK	Alcohol Analysis	
C2024-1950	2	BCK	Alcohol Analysis	
C2024-1962	1	BCK	Alcohol Analysis	

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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):

10-2-2024

Calibration Date: (if different)

Worklist #

6944

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0803 g/100cc	
					g/100cc	
					g/100cc	
Level 2	Mar-26	2110181	0.2030	0.1827 - 0.2233	0.1969 g/100cc	
					0.1975 g/100cc	
					g/100cc	
Multi-Component mixture:		Exp:	May 31, 2028	Lot #	FN05302307	OK
Curve Fit:			Column 1	0.99956	Column2	0.99949

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0533	0.0537	0.0004	0.0535
100	0.100	0.090 - 0.110	0.1005	0.1006	0.0001	0.1005
200	0.200	0.180 - 0.220	0.1953	0.1946	0.0007	0.1949
300	0.300	0.270 - 0.330			0.0000	#DIV/0!
400	0.400	0.360 - 0.440	0.3962	0.3964	0.0002	0.3963
500	0.500	0.450 - 0.550	0.5043	0.5044	0.0001	0.5043

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.082 g/100cc

Revision: 5

Issue Date: 07/05/2022

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Internal Standard Monitoring Worksheet

Worklist #:	6944	Run Date(s):	10-2-2024
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Internal Standard Solution: Lot# A014463901	Prep Date: 9/10/2024	Exp Date: 3/10/2025
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Sample Name	Column 1 Value	Column 2 Value
0.080	260921	263875
0.080	263174	265578
QC1	260580	264210
QC1	263363	267269
QC1		
QC1		
QC1		
QC1		
QC2	277898	281931
QC2	282032	285786
QC2	283646	287761
QC2	280607	284980
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	271527.6	217222.1	325833.2
Column 2	275173.8	220139.0	330208.5

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Region 1 CDA Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255850700
 Shimadzu HS-20 Serial #C12595700181
 Lab Solutions DB Software Ver. 6.111
 Copyright (C) 2008-2020 Shimadzu Corporation

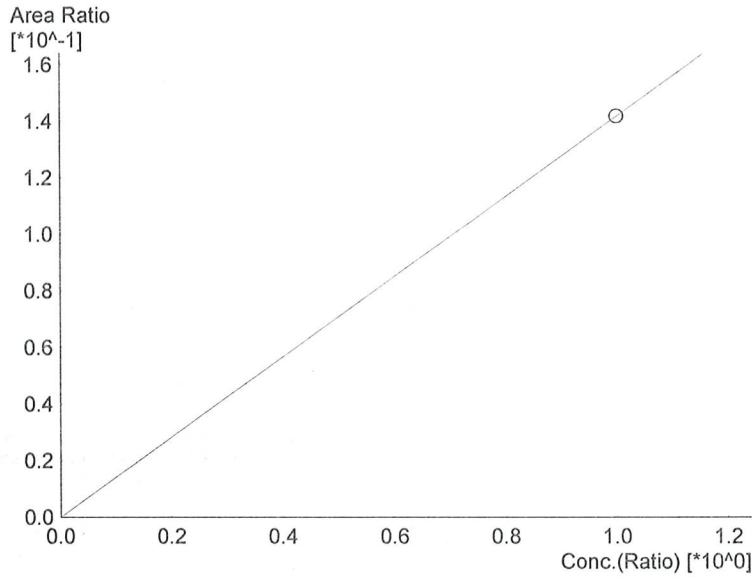
Vial#	Sample Name	Sample Type	Level#	Method File
78	INT STD BLK 5	0:Unknown	0	ALCOHOL.gcm
79	INT STD BLK 6	0:Unknown	0	ALCOHOL.gcm
80	INT STD BLK 7	0:Unknown	0	ALCOHOL.gcm
81	INT STD BLK 8	0:Unknown	0	ALCOHOL.gcm
82	DFE #11-4-10	0:Unknown	0	ALCOHOL.gcm
83	TFE #081120	0:Unknown	0	ALCOHOL.gcm
1	INT STD BLK 1	0:Unknown	0	ALCOHOL.gcm
2	0.050 FN06171903	1:Standard:(R)	1	ALCOHOL.gcm
3	0.100 FN11172002	1:Standard:(R)	2	ALCOHOL.gcm
4	0.200 FN03132302	1:Standard:(R)	3	ALCOHOL.gcm
5	0.400 FN03052102	1:Standard:(R)	4	ALCOHOL.gcm
6	0.500 FN06262004	1:Standard:(R)	5	ALCOHOL.gcm
7	INT STD BLK 2	0:Unknown	0	ALCOHOL.gcm
8	MIX LOT# FN05302307	1:Standard:(R)	6	ALCOHOL.gcm
9	INT STD BLK 3	0:Unknown	0	ALCOHOL.gcm
10	QC-1-1	0:Unknown	0	ALCOHOL.gcm
11	QC-1-1-B	0:Unknown	0	ALCOHOL.gcm
12	0.08 LOT# FN06232204	0:Unknown	0	ALCOHOL.gcm
13	0.08- B LOT# FN06232204	0:Unknown	0	ALCOHOL.gcm
14	C2024-1856-1	0:Unknown	0	ALCOHOL.gcm
15	C2024-1856-1-B	0:Unknown	0	ALCOHOL.gcm
16	C2024-1857-1	0:Unknown	0	ALCOHOL.gcm
17	C2024-1857-1-B	0:Unknown	0	ALCOHOL.gcm
18	C2024-1858-1	0:Unknown	0	ALCOHOL.gcm
19	C2024-1858-1-B	0:Unknown	0	ALCOHOL.gcm
20	C2024-1882-1	0:Unknown	0	ALCOHOL.gcm
21	C2024-1882-1-B	0:Unknown	0	ALCOHOL.gcm
22	C2024-1888-1	0:Unknown	0	ALCOHOL.gcm
23	C2024-1888-1-B	0:Unknown	0	ALCOHOL.gcm
24	C2024-1895-1	0:Unknown	0	ALCOHOL.gcm
25	C2024-1895-1-B	0:Unknown	0	ALCOHOL.gcm
26	C2024-1927-1	0:Unknown	0	ALCOHOL.gcm
27	C2024-1927-1-B	0:Unknown	0	ALCOHOL.gcm
28	C2024-1950-1	0:Unknown	0	ALCOHOL.gcm
29	C2024-1950-1-B	0:Unknown	0	ALCOHOL.gcm
30	C2024-1950-2	0:Unknown	0	ALCOHOL.gcm
31	C2024-1950-2-B	0:Unknown	0	ALCOHOL.gcm
32	QC-2-1	0:Unknown	0	ALCOHOL.gcm
33	QC-2-1-B	0:Unknown	0	ALCOHOL.gcm
34	C2024-1962-1	0:Unknown	0	ALCOHOL.gcm
35	C2024-1962-1-B	0:Unknown	0	ALCOHOL.gcm
36	QC-2-2	0:Unknown	0	ALCOHOL.gcm
37	QC-2-2-B	0:Unknown	0	ALCOHOL.gcm
38	INT STD BLK 4	0:Unknown	0	ALCOHOL.gcm

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Calibration Table

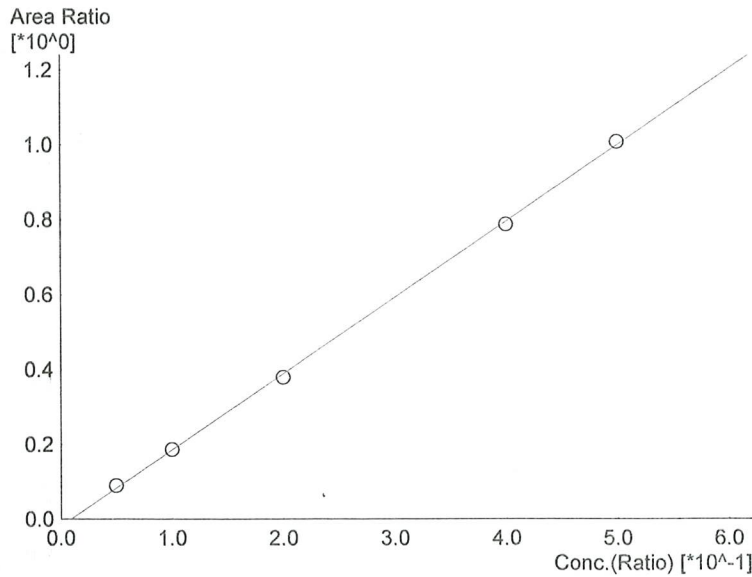
Laboratory : Coeur d' Alene
 Instrument Name : BML8F33-Instrument1
 Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
 Method File :Default Project - ALCOHOL.gcm
 Batch File :Default Project - 10-2-24.gcb
 Date Acquired :10/2/2024 12:37:26 PM
 Date Created :10/2/2024 12:34:48 PM
 Date Modified :10/2/2024 5:57:33 PM



Name : Methanol
 Detector Name: FID1
 Function : $f(x)=0.141752*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

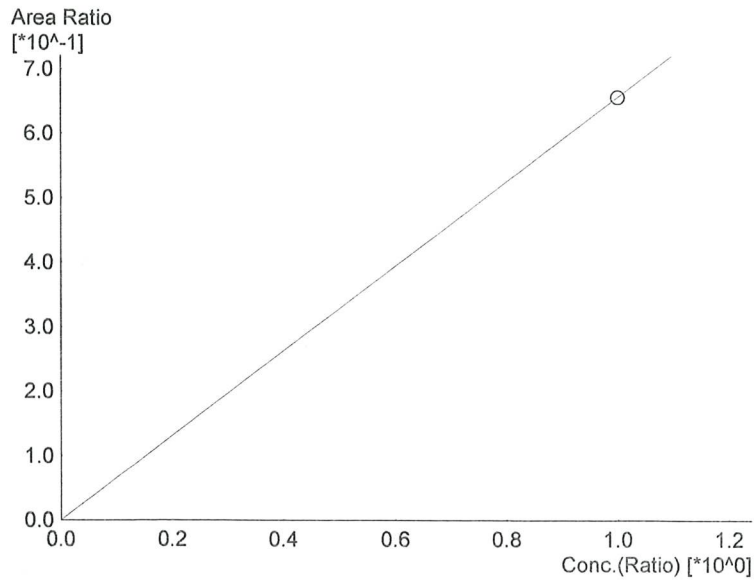
#	Conc.	Area	Std. Conc.
6	1.000	33666	1.0000



Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.03717*x-0.0191631$
 R² value= 0.9995613
 FitType: Linear
 ZeroThrough: Not Through

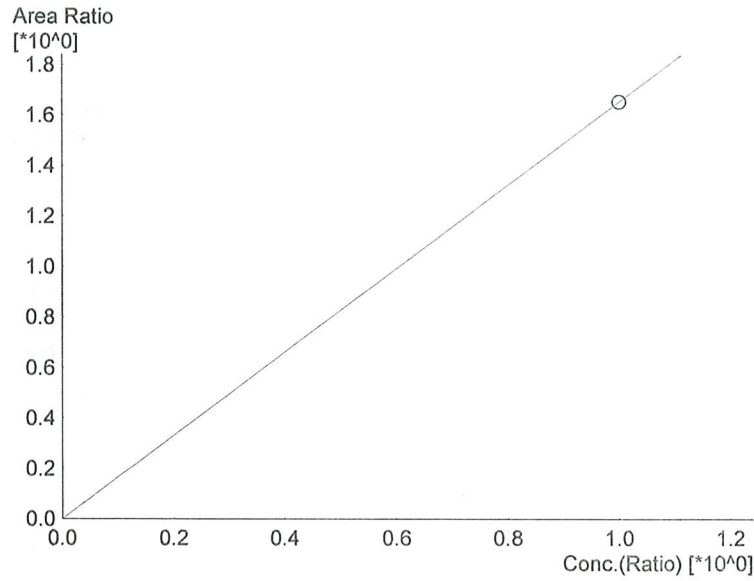
#	Conc.	Area	Std. Conc.
1	0.050	21975	0.0533
2	0.100	46018	0.1005
3	0.200	93324	0.1953
4	0.400	197143	0.3962
5	0.500	252502	0.5043

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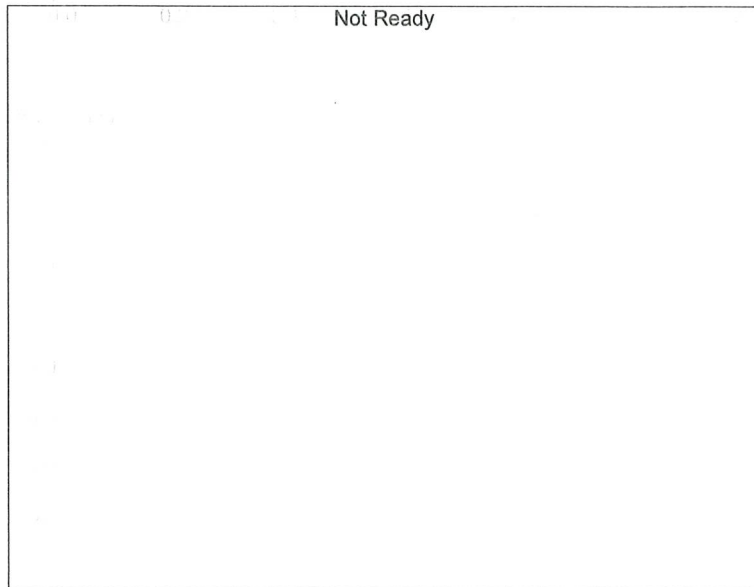
Name : Isopropyl Alcohol
Detector Name: FID1
Function : $f(x)=0.656073*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	155817	1.0000



Name : Acetone
Detector Name: FID1
Function : $f(x)=1.65445*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

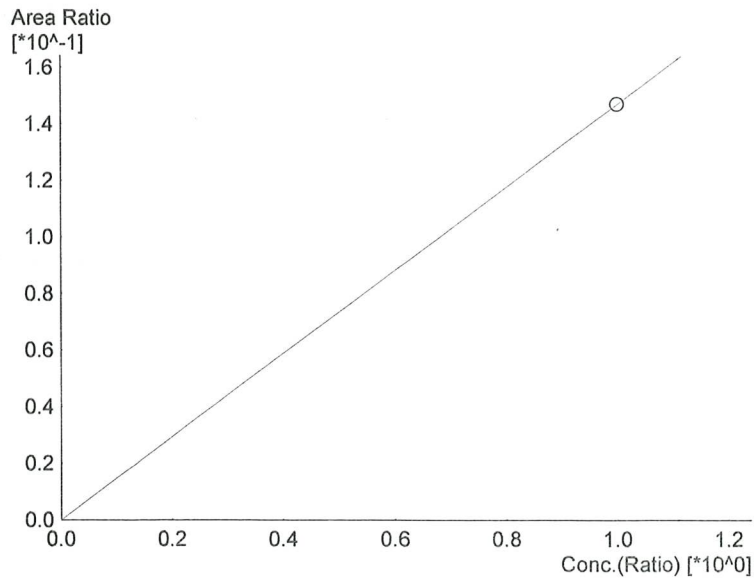
#	Conc.	Area	Std. Conc.
6	1.000	392931	1.0000



Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

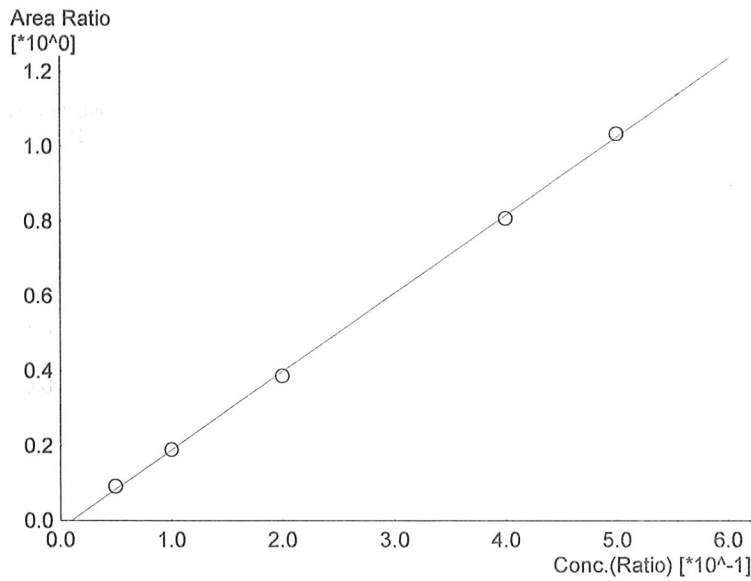
#	Conc.	Area	Std. Conc.
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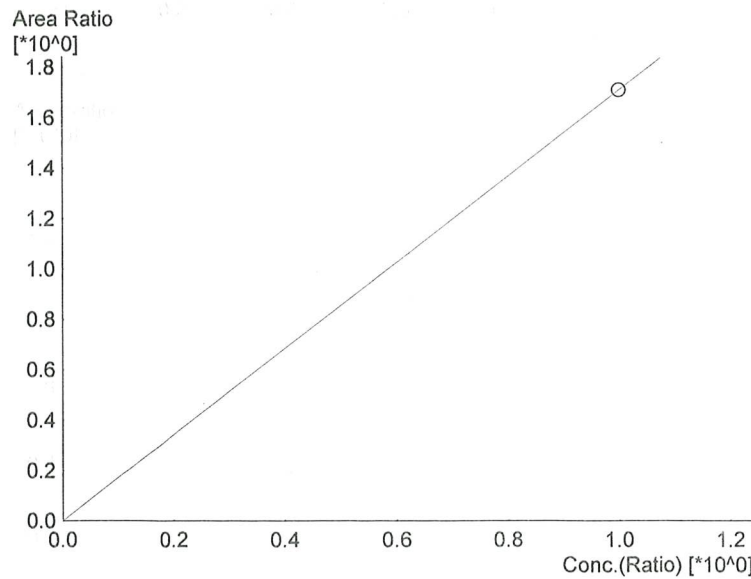
Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0.146982*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	35281	1.0000



Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.09367*x-0.0213865$
 R² value= 0.9994997
 FitType: Linear
 ZeroThrough: Not Through

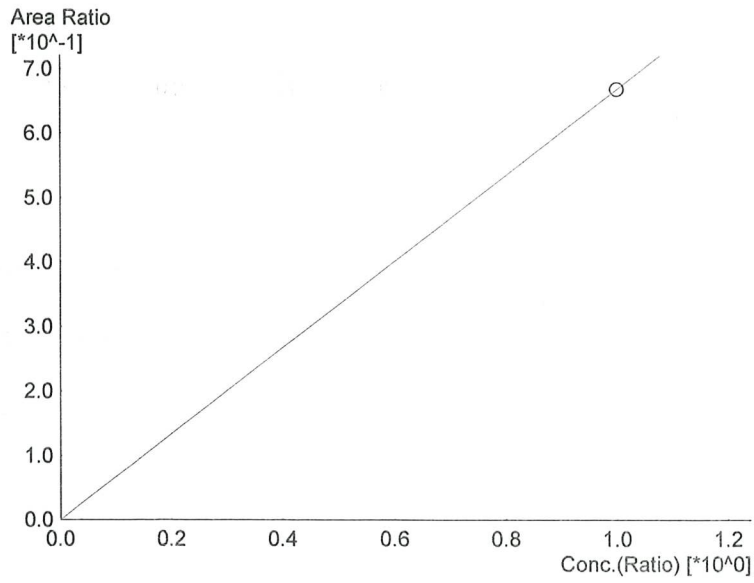
#	Conc.	Area	Std. Conc.
1	0.050	22614	0.0537
2	0.100	47401	0.1006
3	0.200	96325	0.1946
4	0.400	204535	0.3964
5	0.500	262468	0.5044



Name : Acetone
 Detector Name: FID2
 Function : $f(x)=1.71143*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

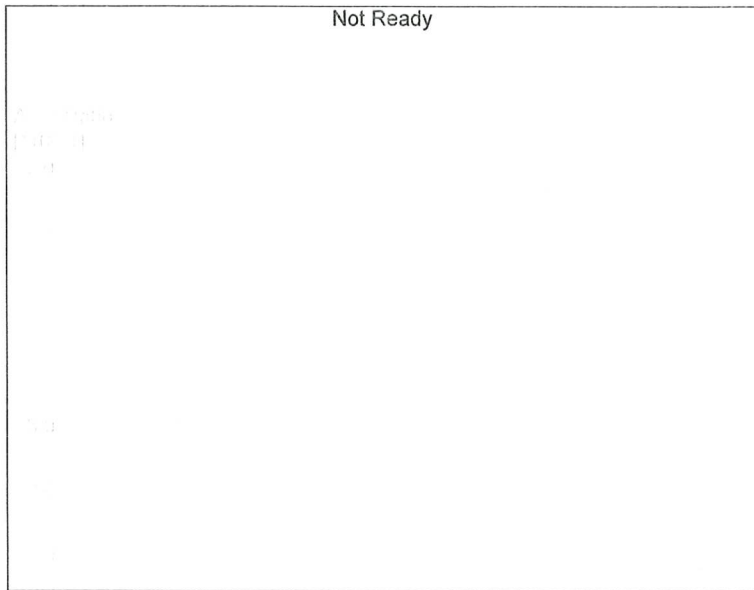
#	Conc.	Area	Std. Conc.
6	1.000	410811	1.0000

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Name : Isopropyl Alcohol
Detector Name: FID2
Function : $f(x)=0.668258*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	160409	1.0000

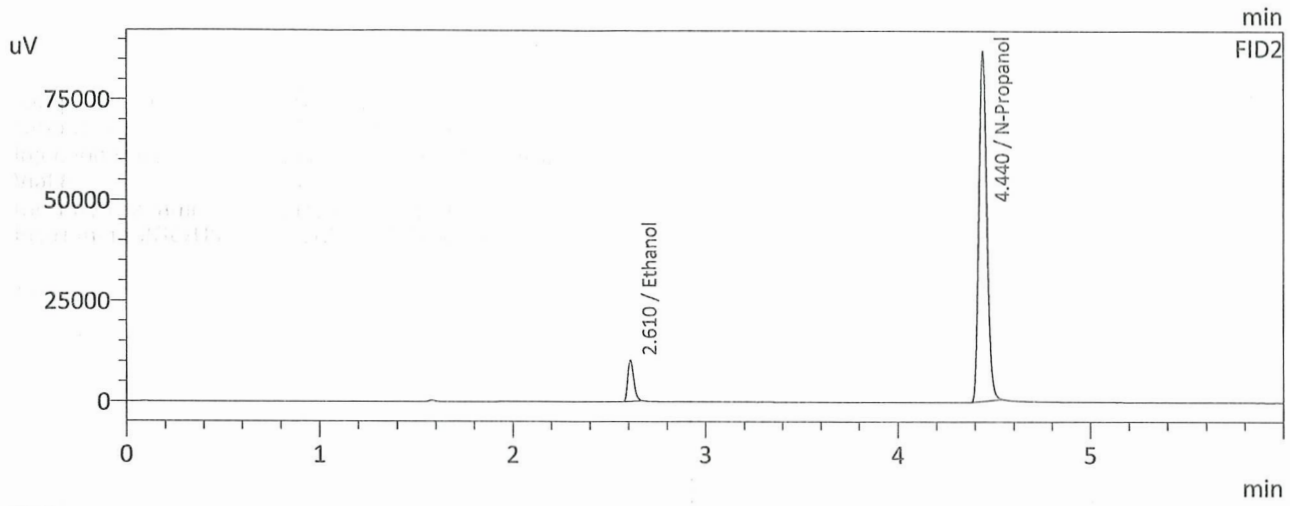
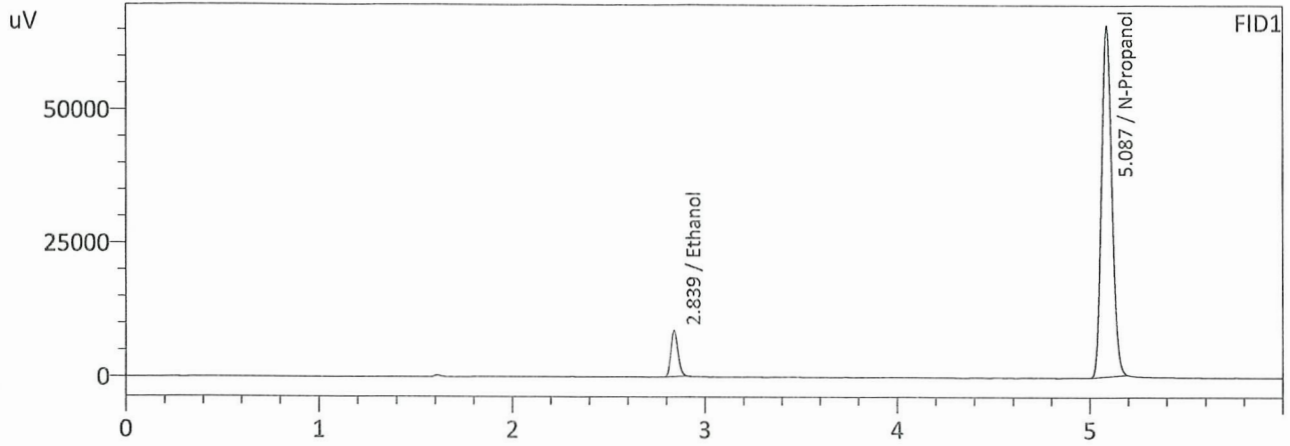


Name : Fluor. Hydrocarbon(s)
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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Sample Name : 0.050 FN06171903
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 11:58:39 AM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

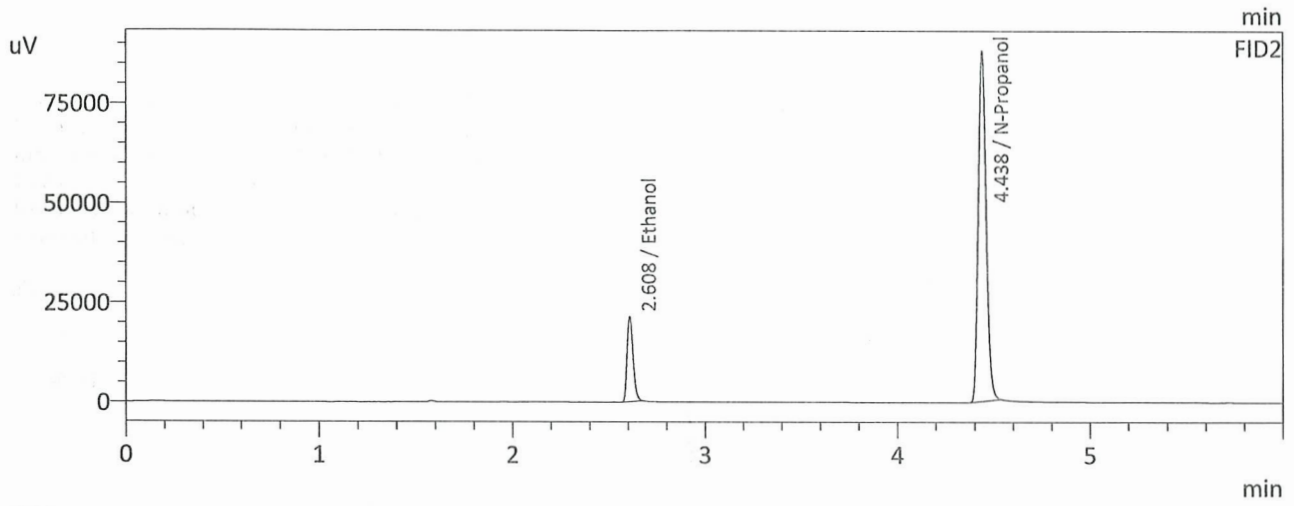
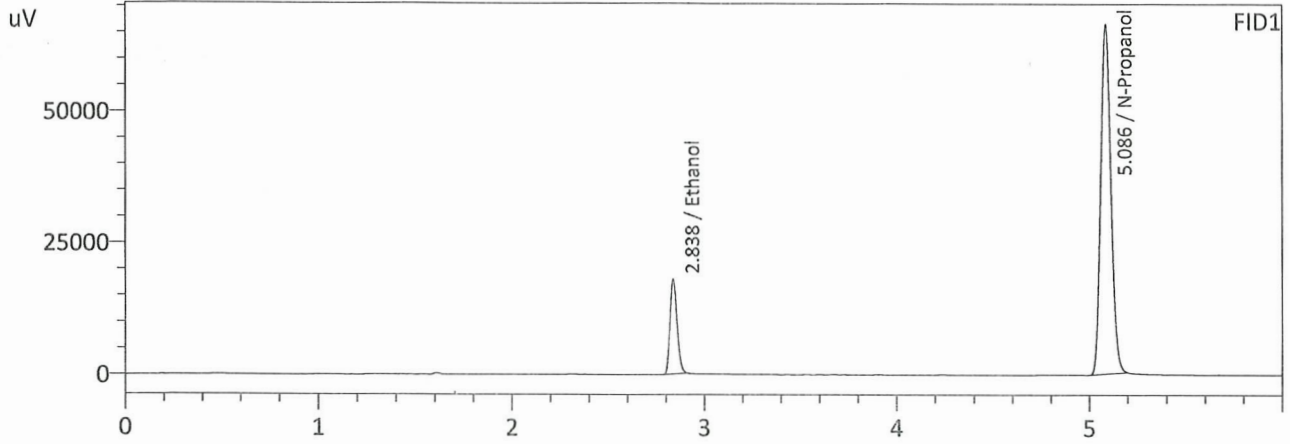
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0533	21975	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	245267	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0537	22614	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	248195	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.100 FN11172002
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 12:09:21 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

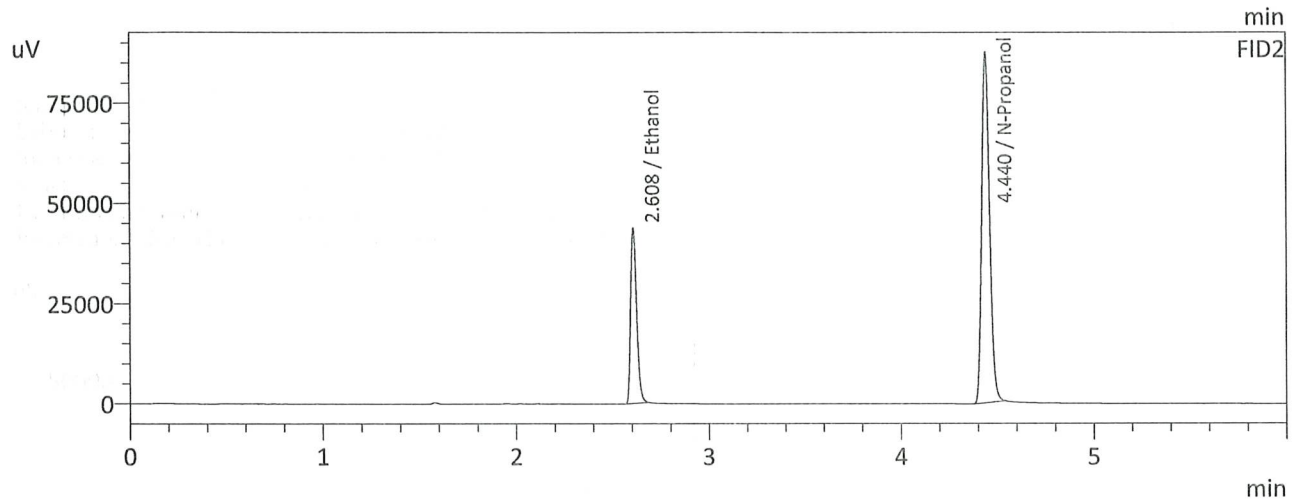
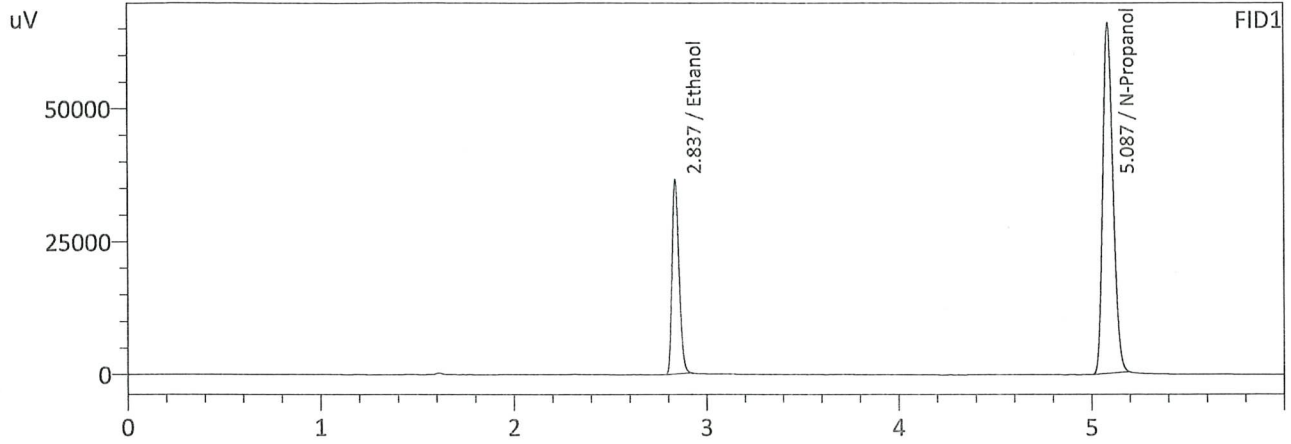
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1005	46018	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	247776	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1006	47401	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	250275	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.200 FN03132302
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 12:18:02 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

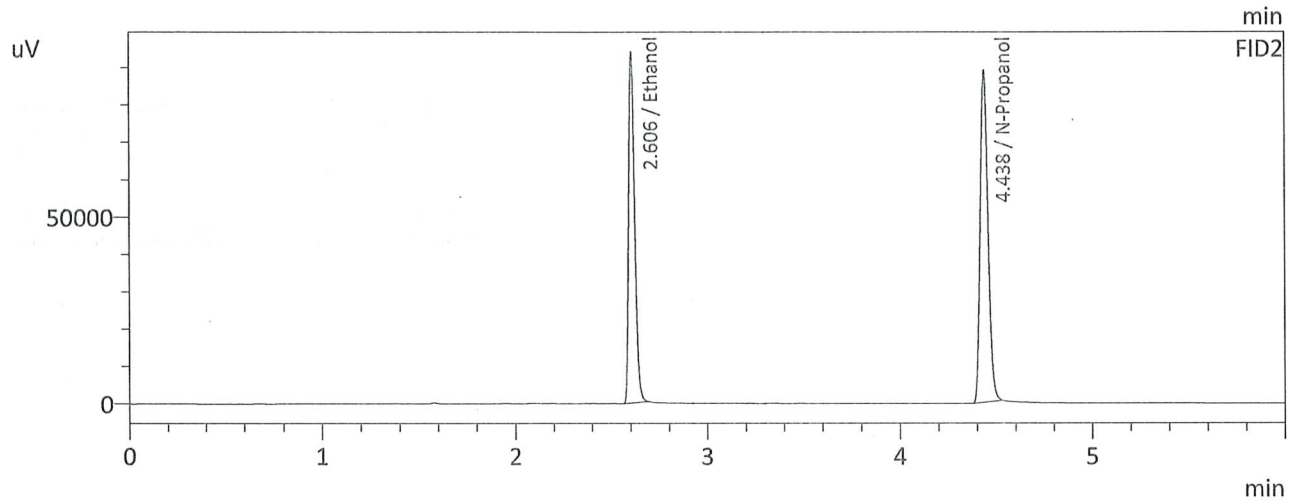
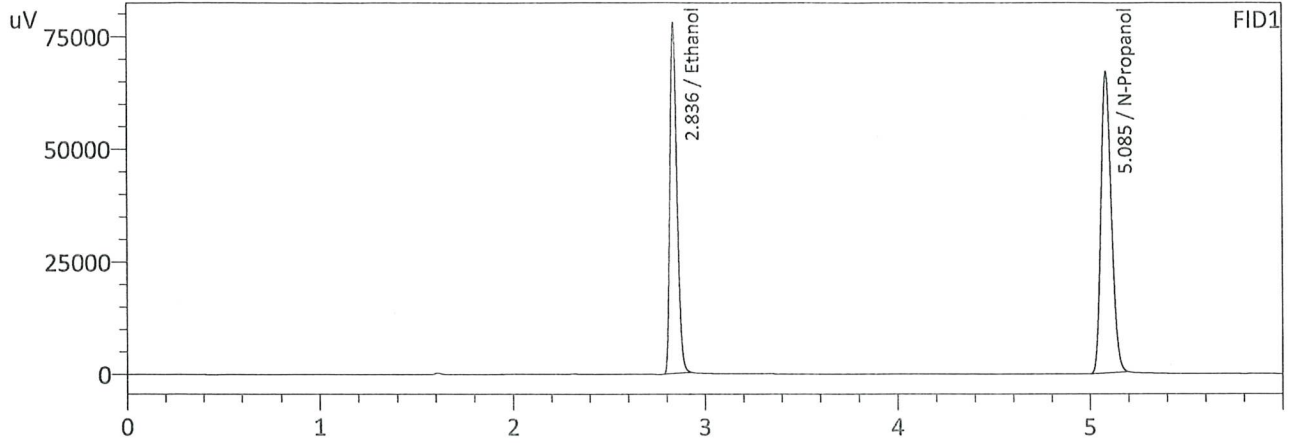
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1953	93324	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	246318	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1946	96325	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	249412	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.400 FN03052102
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 12:28:45 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

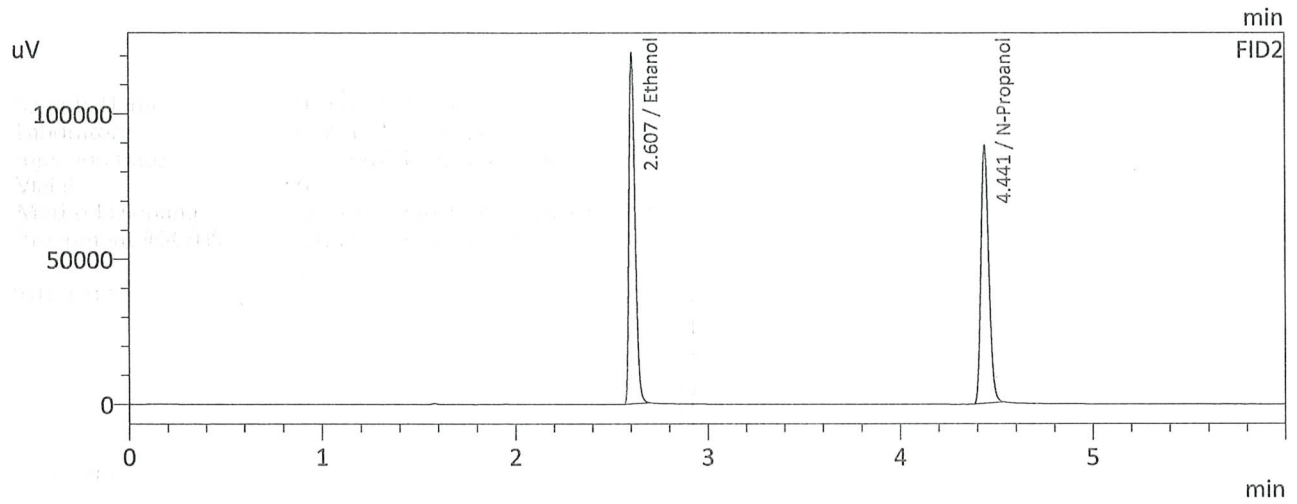
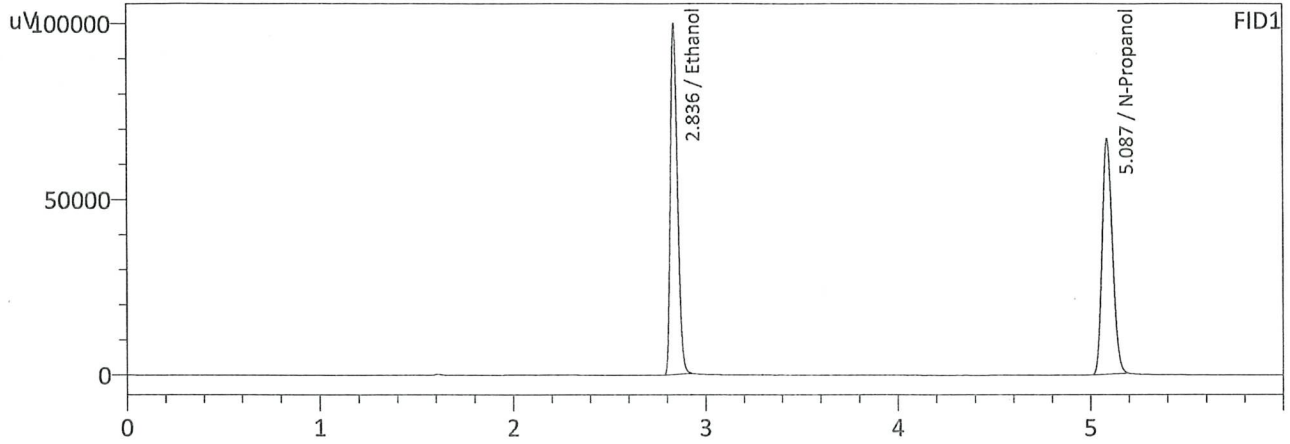
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3962	197143	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	250136	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3964	204535	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	252929	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.500 FN06262004
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 12:37:26 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5043	252502	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	250423	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5044	262468	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	253649	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 LOT# FN06232204			Analysis Date(s): 10/2/2024 1:35:37 PM(-07:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0824	0.0825	0.0001	0.0824	0.0004	0.0826
(g/100cc)	0.0827	0.0829	0.0002	0.0828		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

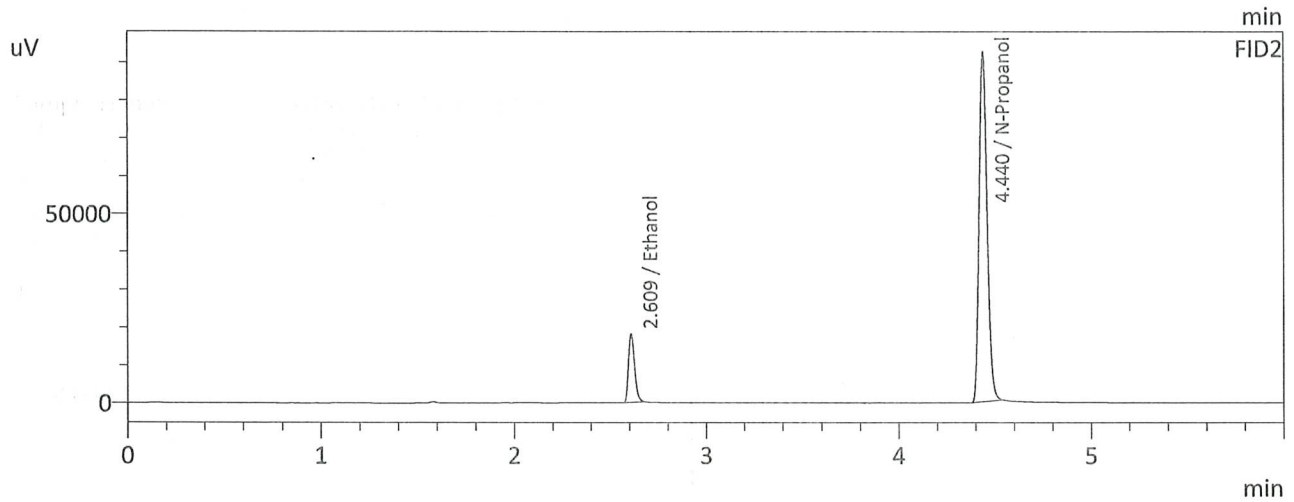
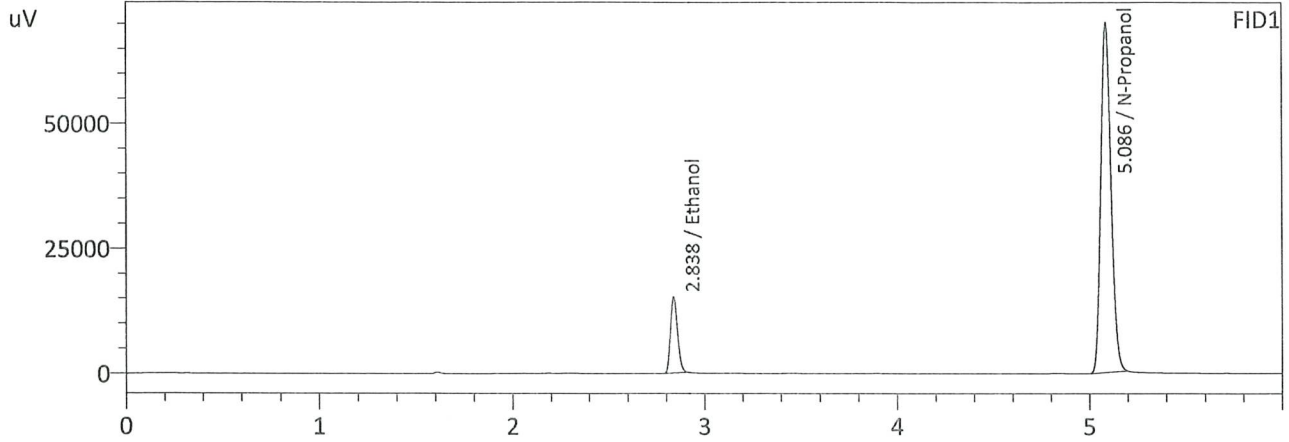
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

Reported Results	
0.082	

Calibration and control data are stored centrally.

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Sample Name : 0.08 LOT# FN06232204
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 1:35:37 PM
 Vial # : 12
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

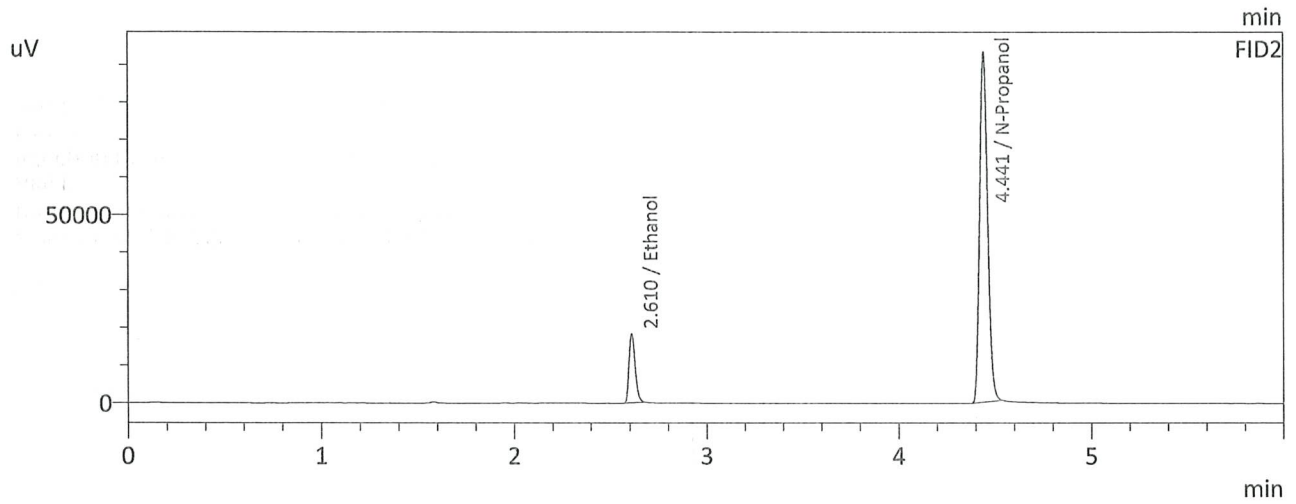
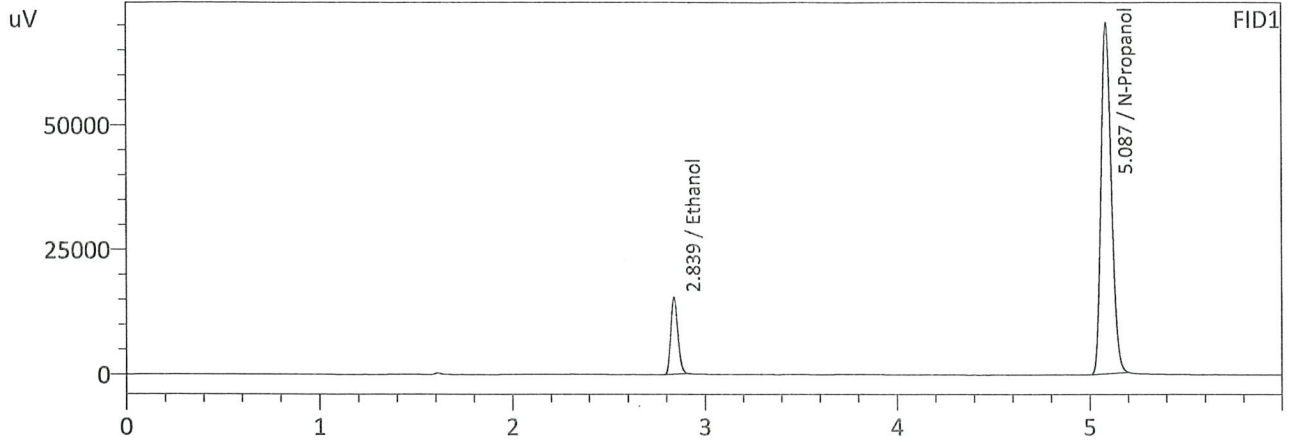
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0824	38803	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	260921	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0825	39946	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	263875	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.08- B LOT# FN06232204
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 1:46:22 PM
 Vial # : 13
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0827	39312	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	263174	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0829	40468	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	265578	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1

Analysis Date(s): 10/2/2024 1:16:12 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0800	0.0800	0.0000	0.0800	0.0006	0.0803
(g/100cc)	0.0807	0.0805	0.0002	0.0806		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

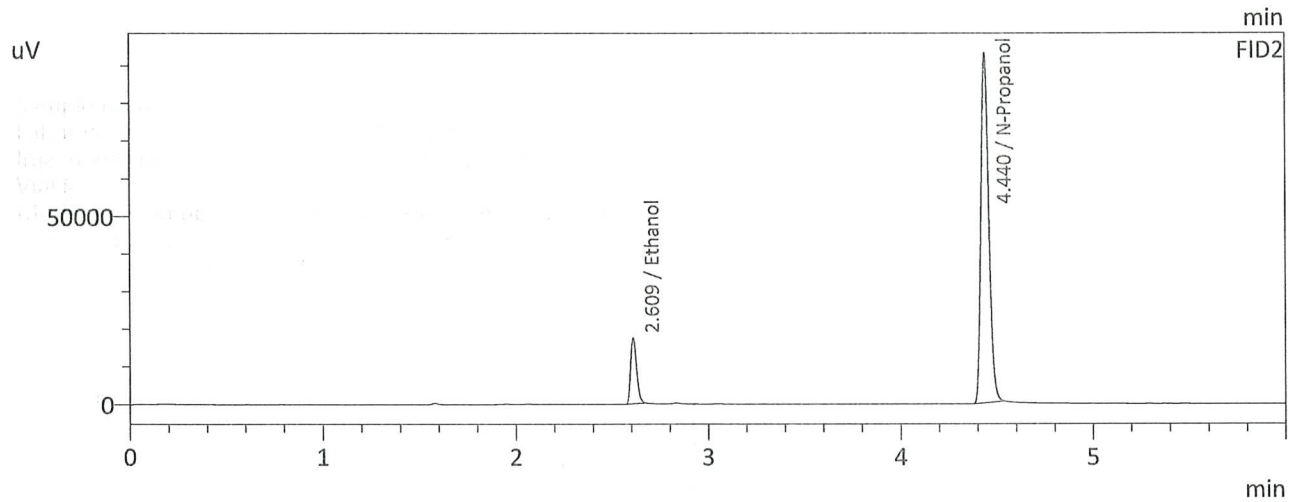
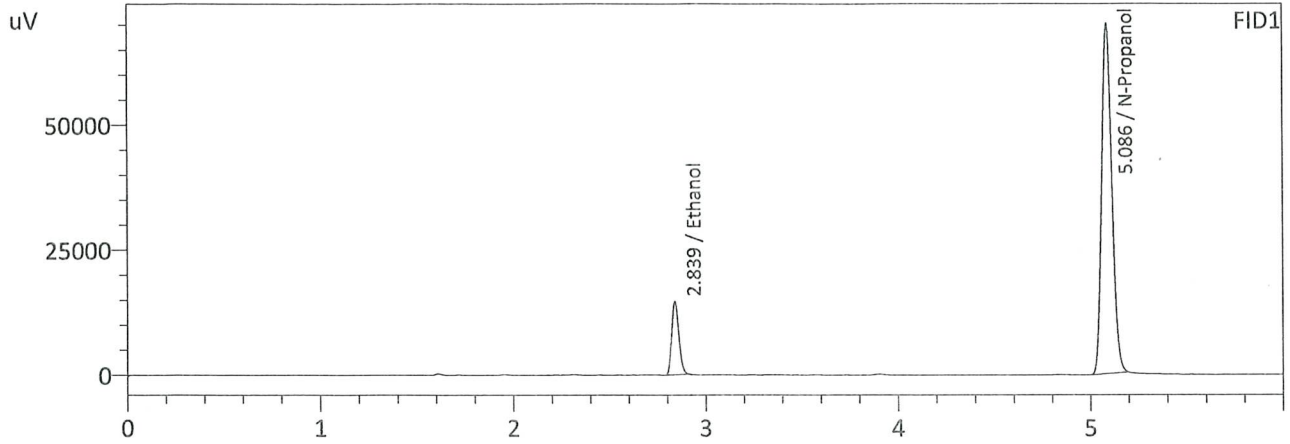
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

	Reported Results
	0.080

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 1:16:12 PM
 Vial # : 10
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

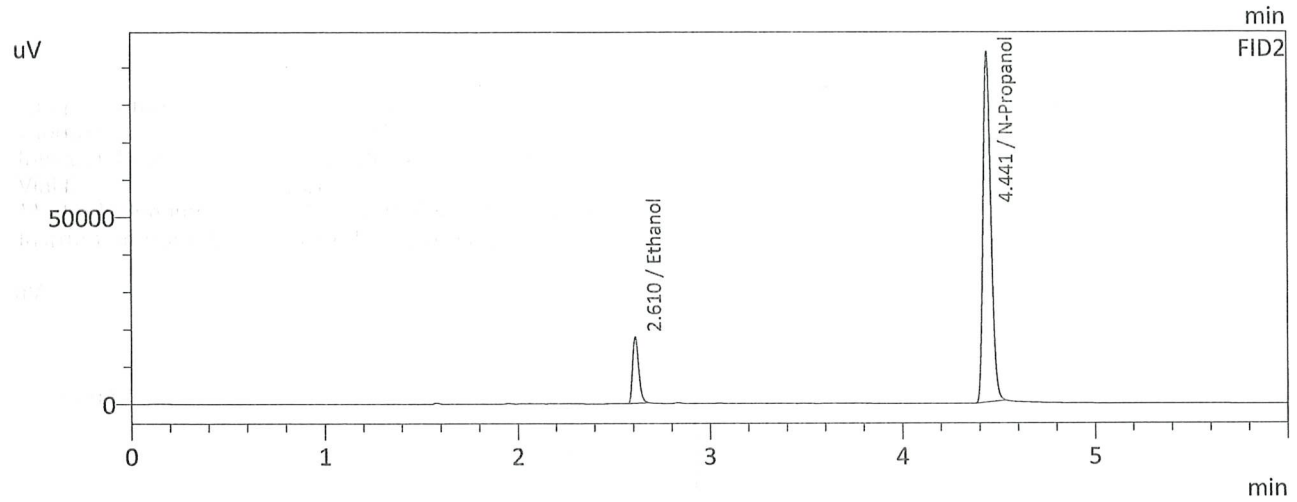
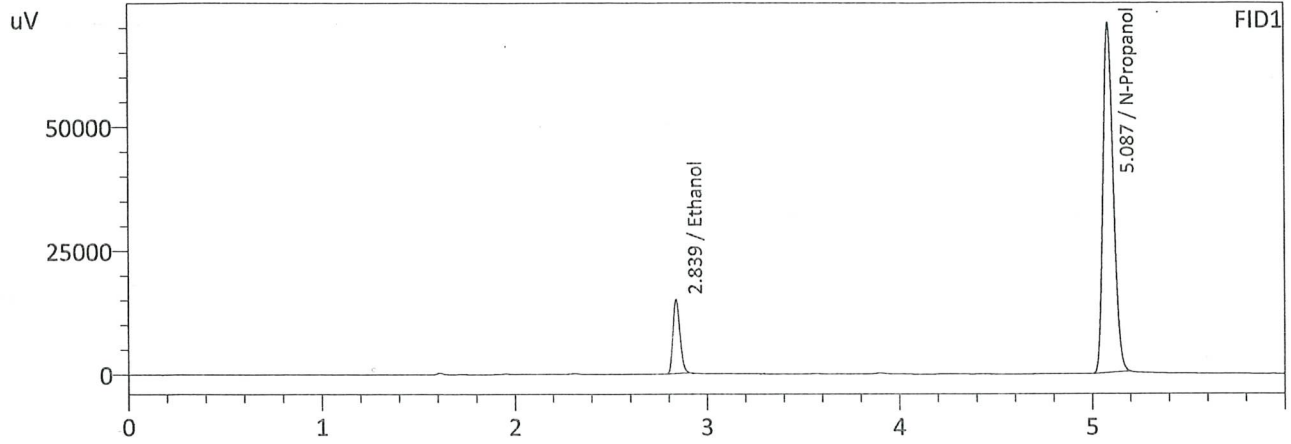
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0800	37516	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	260580	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0800	38615	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	264210	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 1:26:57 PM
 Vial # : 11
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0807	38278	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	263363	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0805	39372	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	267269	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1

Analysis Date(s): 10/2/2024 4:49:38 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1977	0.1967	0.0010	0.1972	0.0006	0.1969
(g/100cc)	0.1971	0.1962	0.0009	0.1966		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

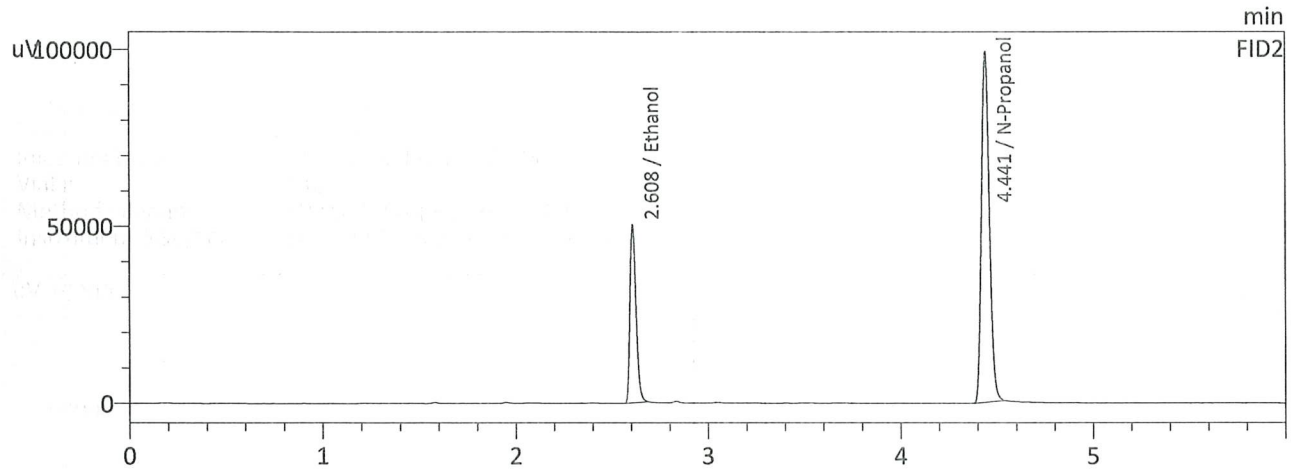
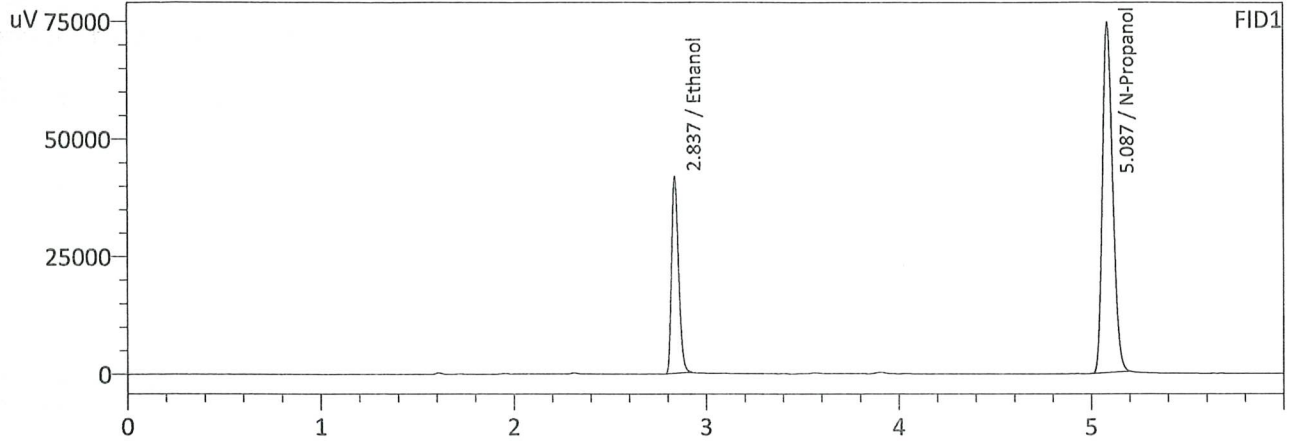
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.196	0.186	0.206	0.010

	Reported Results
	0.196

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 4:49:38 PM
 Vial # : 32
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

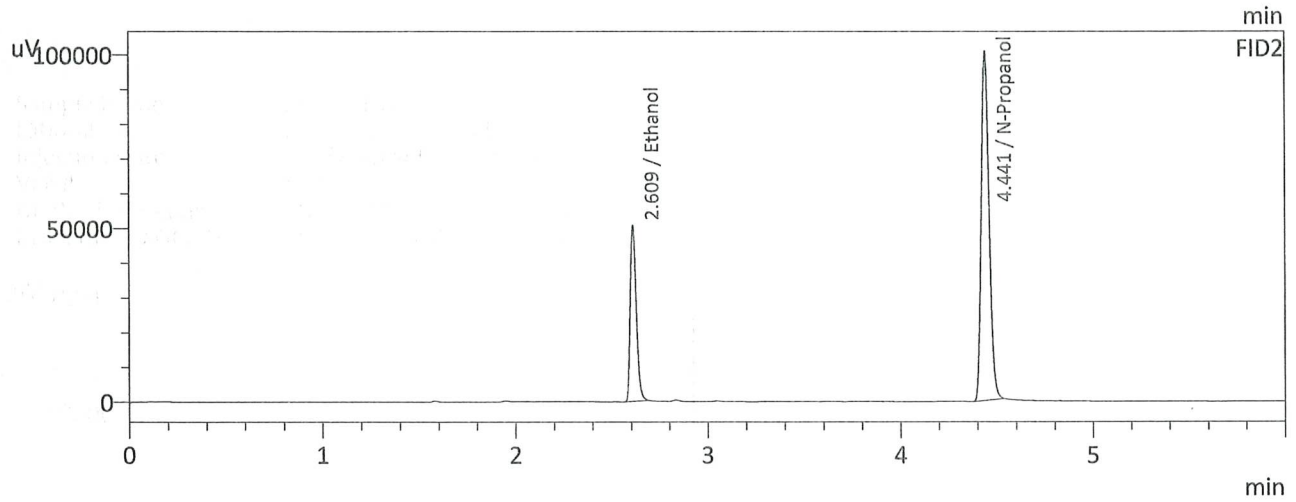
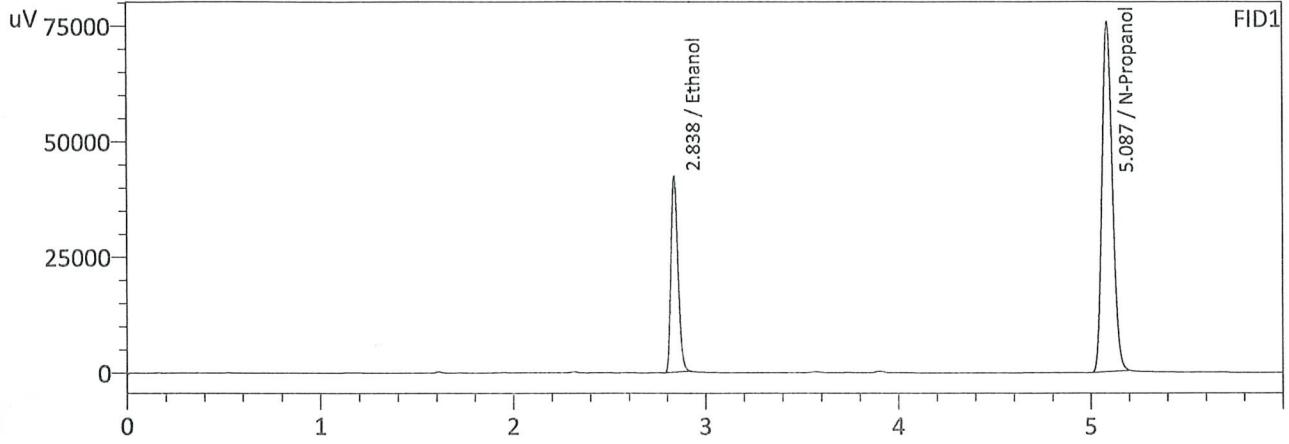
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1977	106610	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	277898	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1967	110090	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	281931	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 5:00:23 PM
 Vial # : 33
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1971	107895	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	282032	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1962	111303	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	285786	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2		Analysis Date(s): 10/2/2024 5:28:28 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1983	0.1973	0.0010	0.1978	0.0005	0.1975
(g/100cc)	0.1978	0.1968	0.0010	0.1973		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

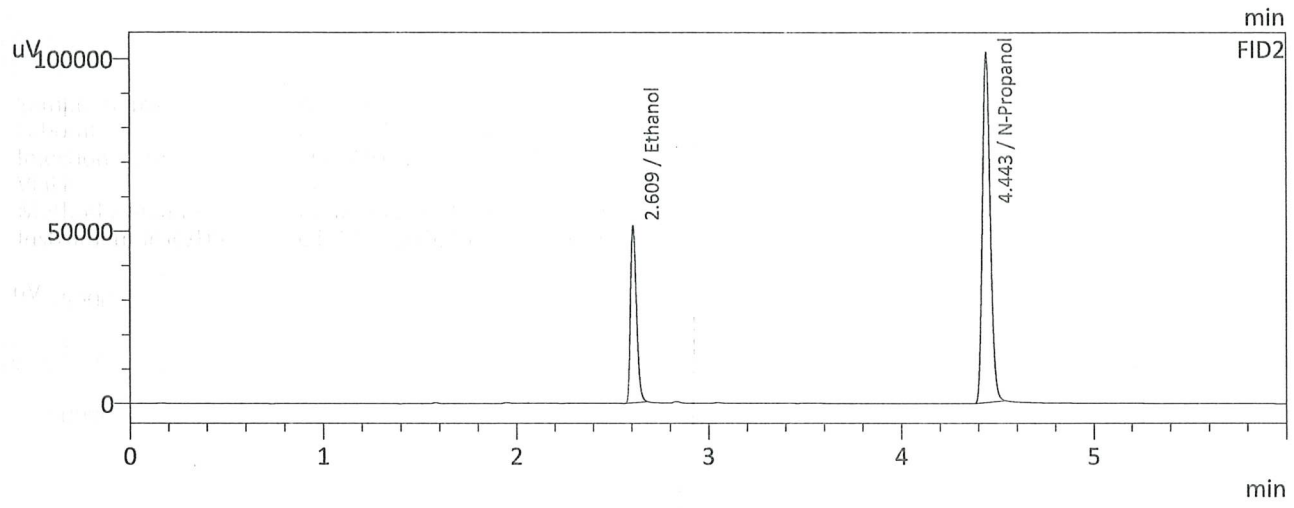
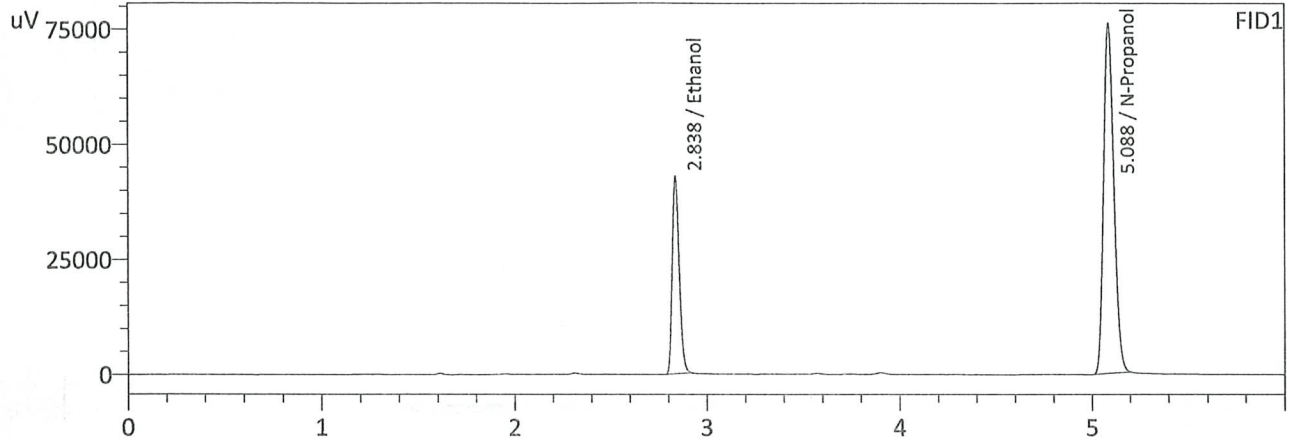
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.197	0.187	0.207	0.010

	Reported Results
	0.197

Calibration and control data are stored centrally.

99

Sample Name : QC-2-2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 5:28:28 PM
 Vial # : 36
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

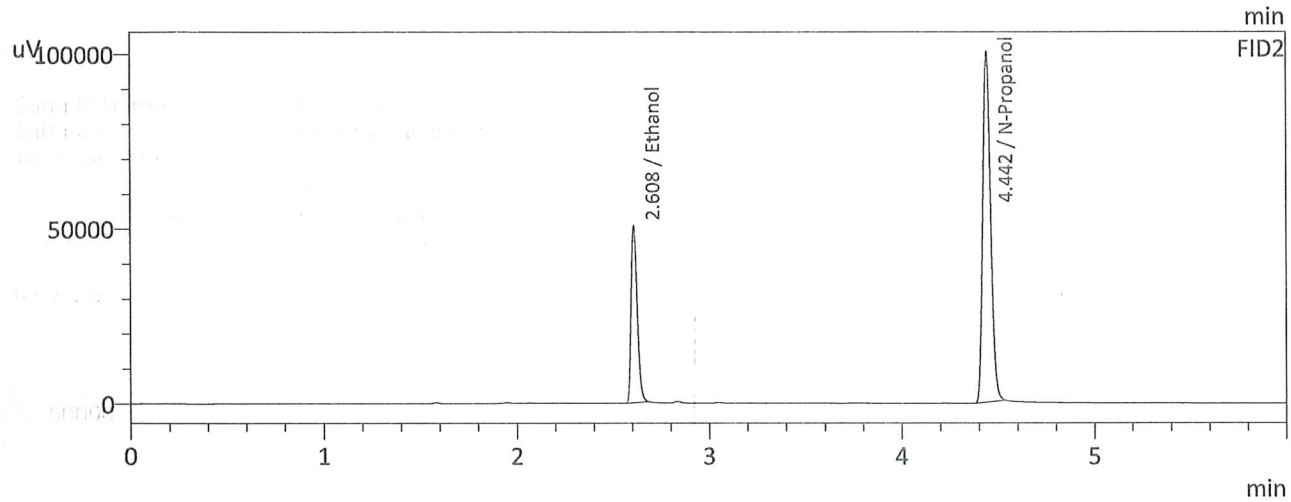
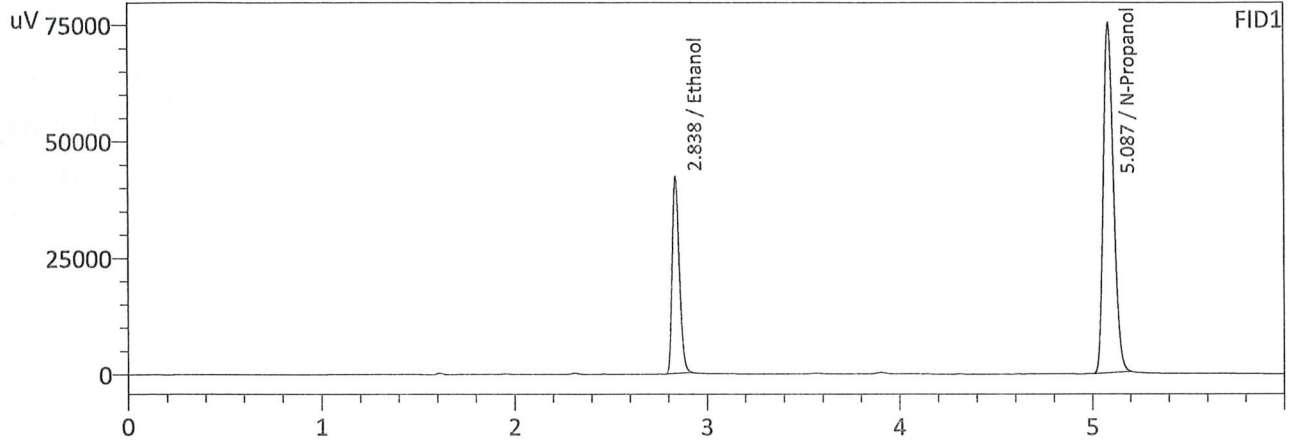
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1983	109186	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	283646	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1973	112759	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	287761	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-2-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 5:39:14 PM
 Vial # : 37
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

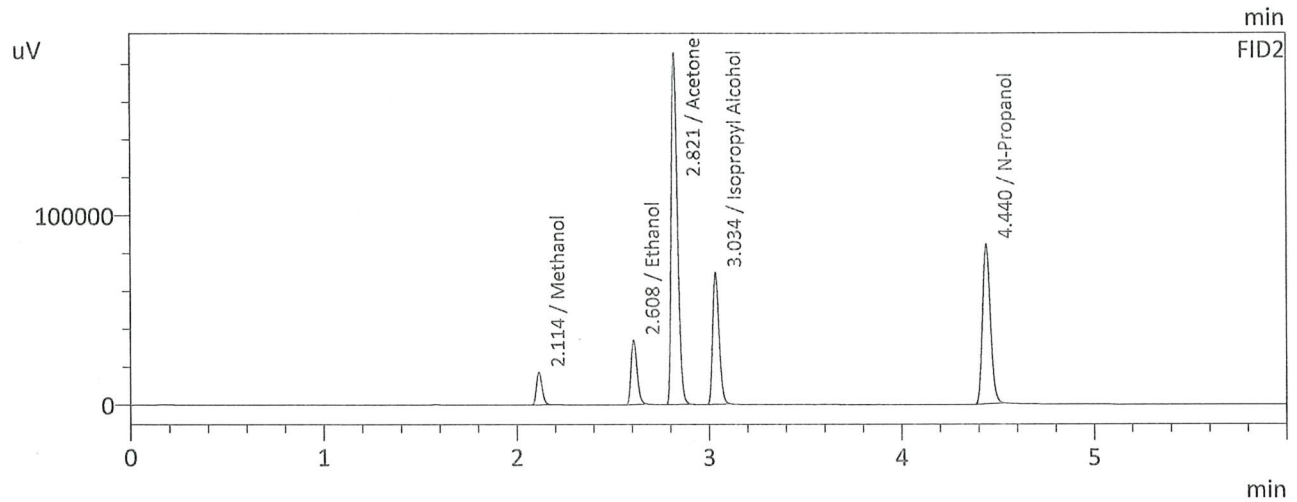
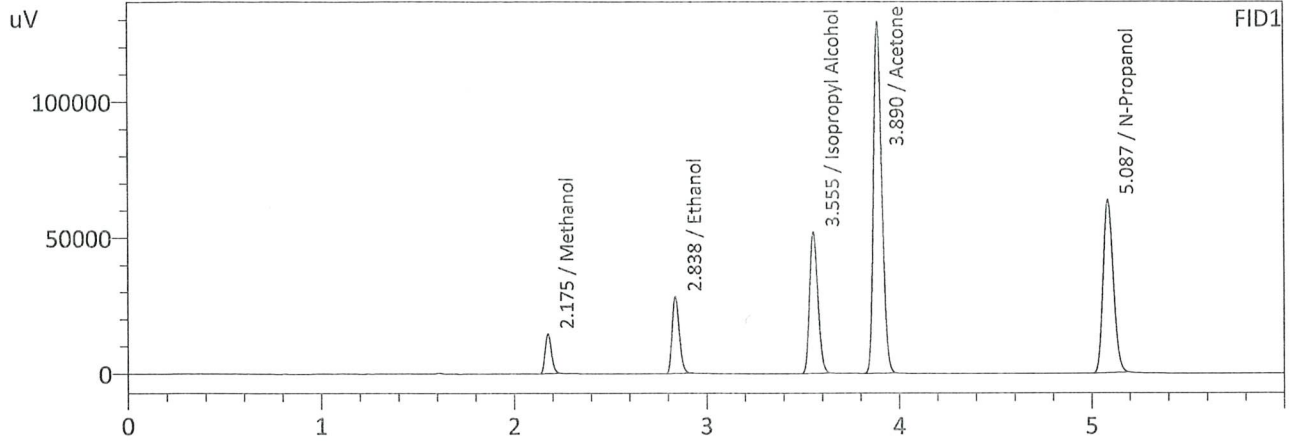
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1978	107722	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	280607	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1968	111334	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	284980	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MIX LOT# FN05302307
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 12:56:49 PM
 Vial # : 8
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

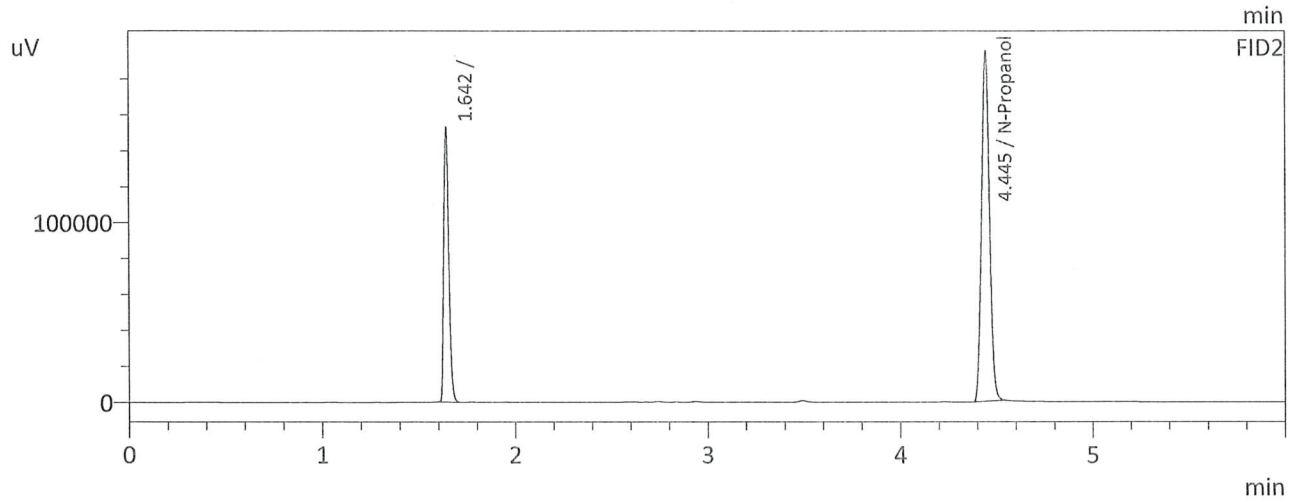
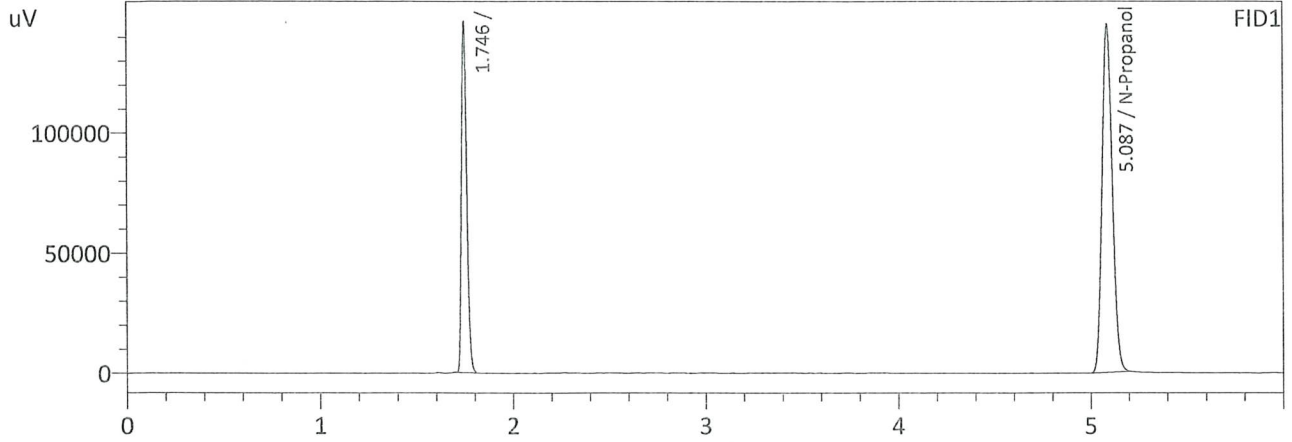
Name	Conc.	Area	Unit
Methanol	1.0000	33666	g/100cc
Ethanol	0.1587	72263	g/100cc
Isopropyl Alcohol	1.0000	155817	g/100cc
Acetone	1.0000	392931	g/100cc
N-Propanol	0.0000	237499	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	35281	g/100cc
Ethanol	0.1585	74557	g/100cc
Acetone	1.0000	410811	g/100cc
Isopropyl Alcohol	1.0000	160409	g/100cc
N-Propanol	0.0000	240040	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : TFE #081120
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 11:39:10 AM
 Vial # : 83
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

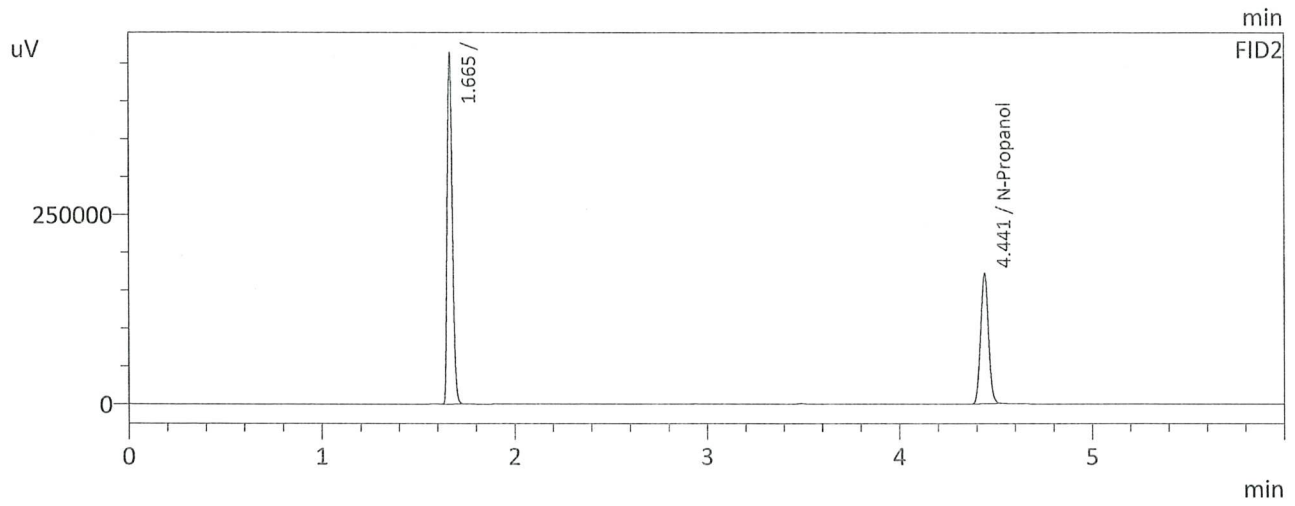
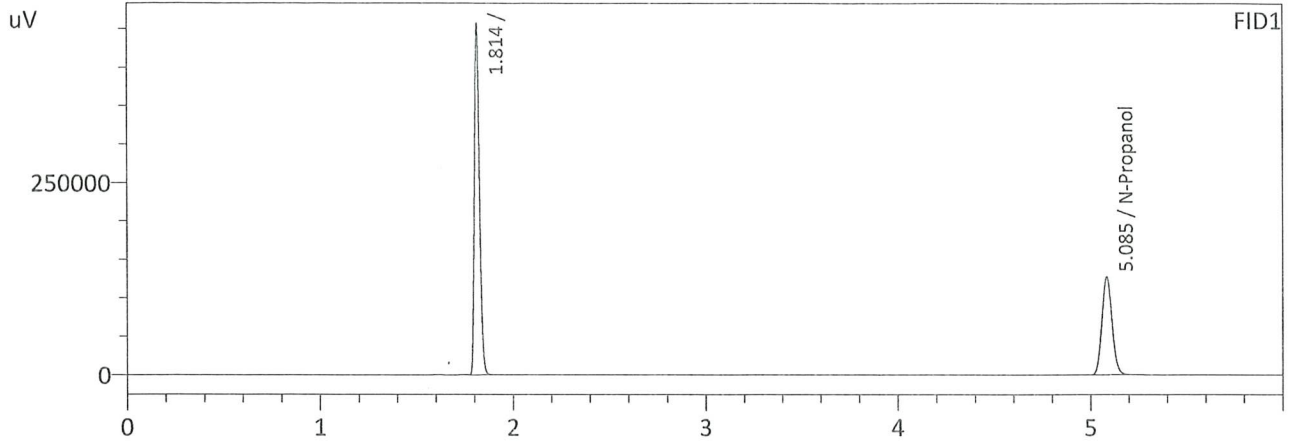
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	536508	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	551514	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : DFE #11-4-10
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 11:30:30 AM
 Vial # : 82
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

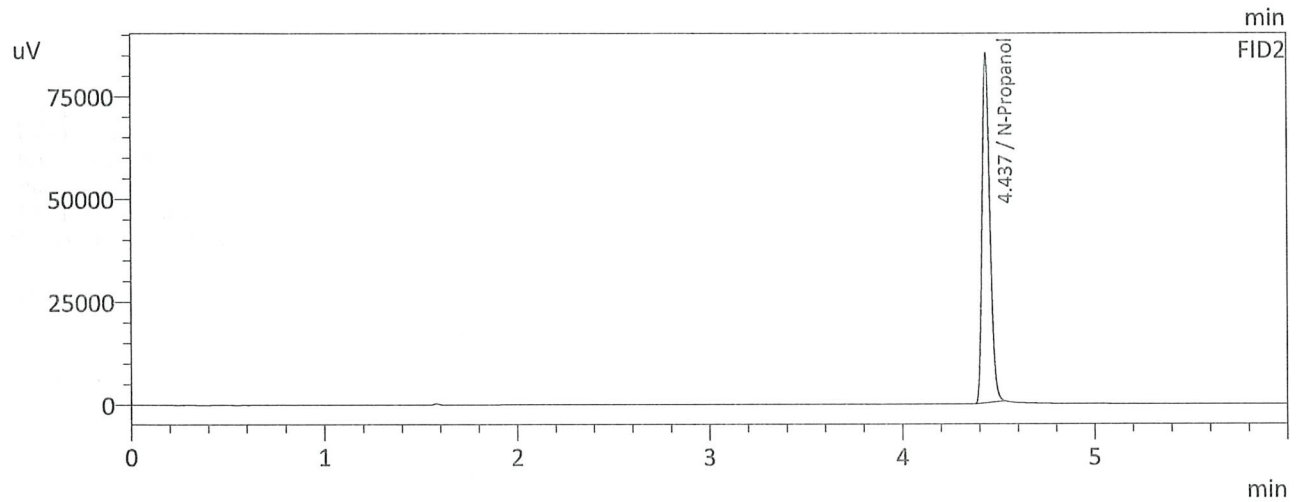
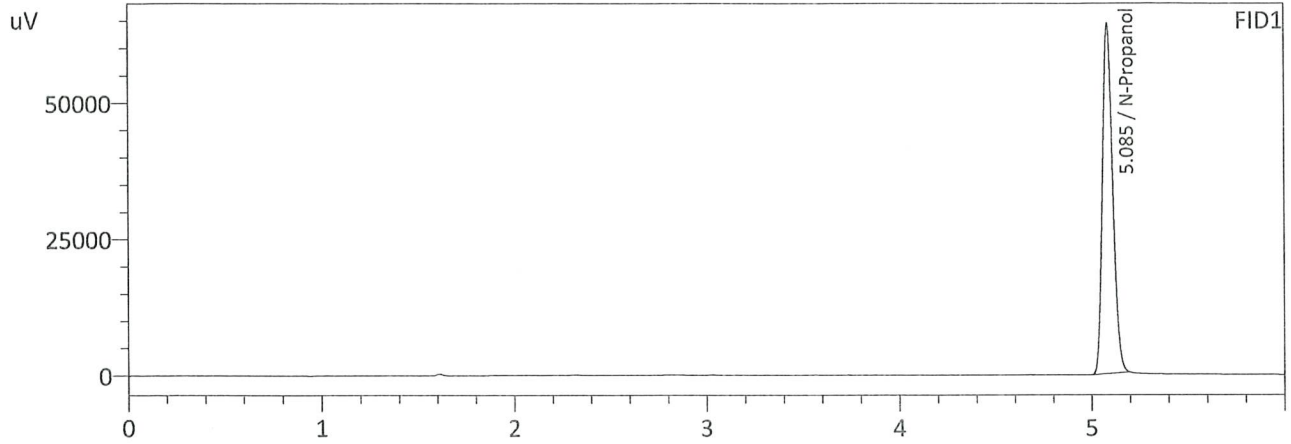
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	472689	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	484502	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 11:49:57 AM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

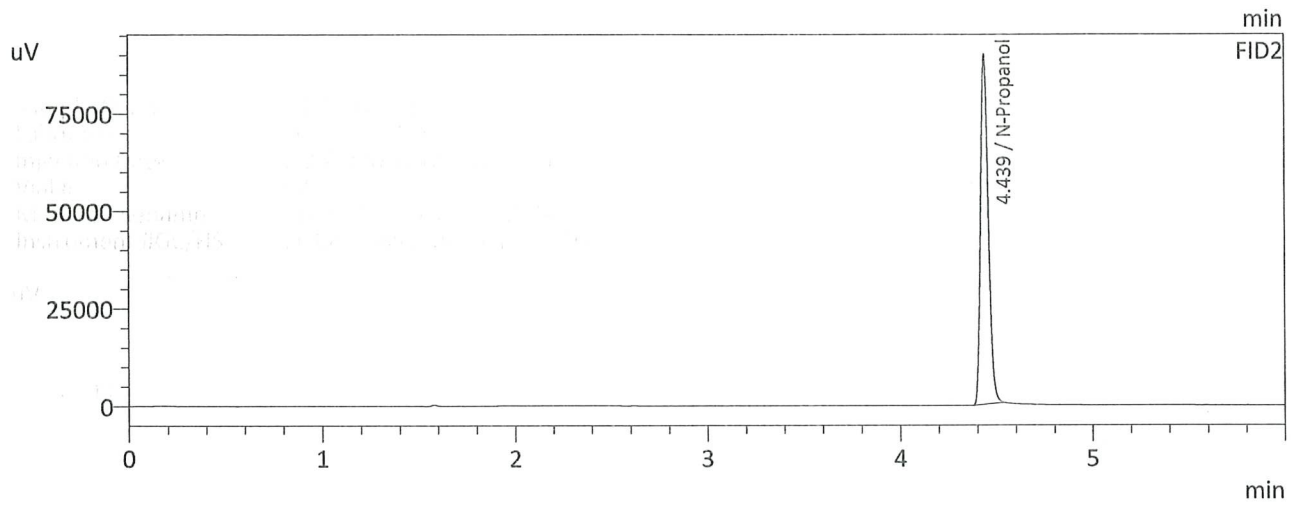
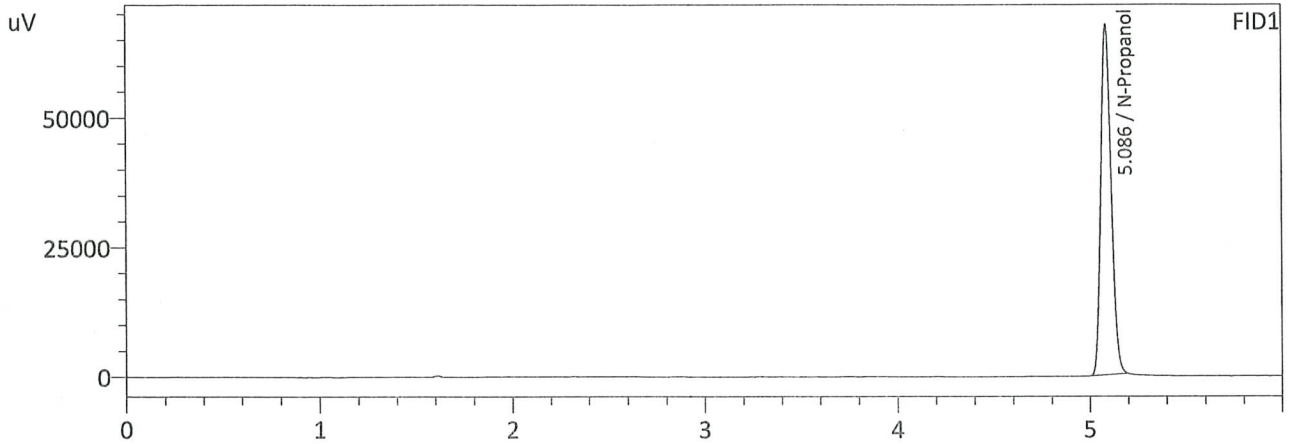
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	239938	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	242275	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 12:48:08 PM
 Vial # : 7
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

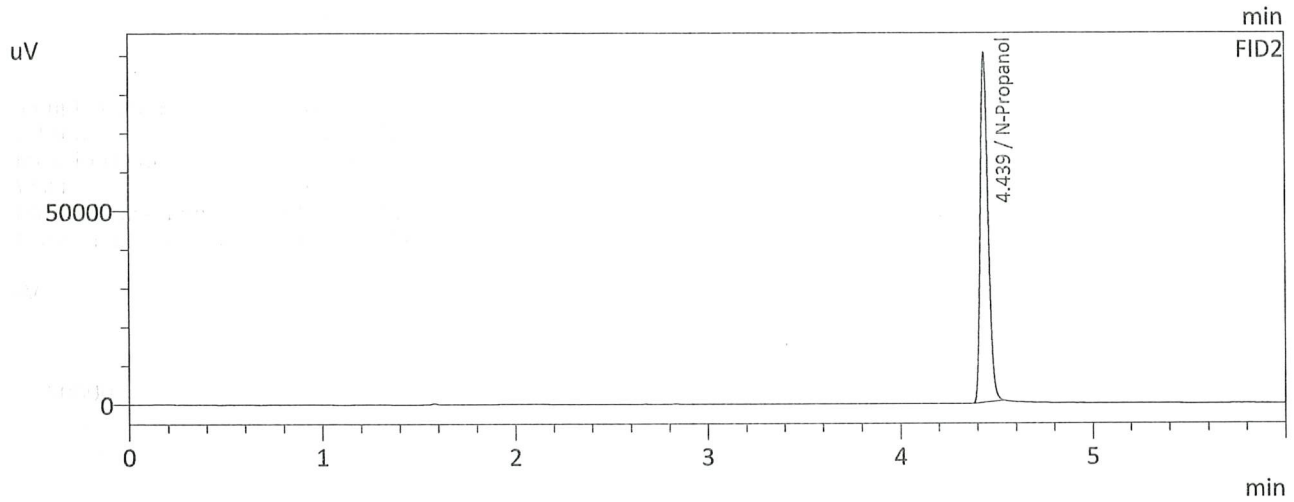
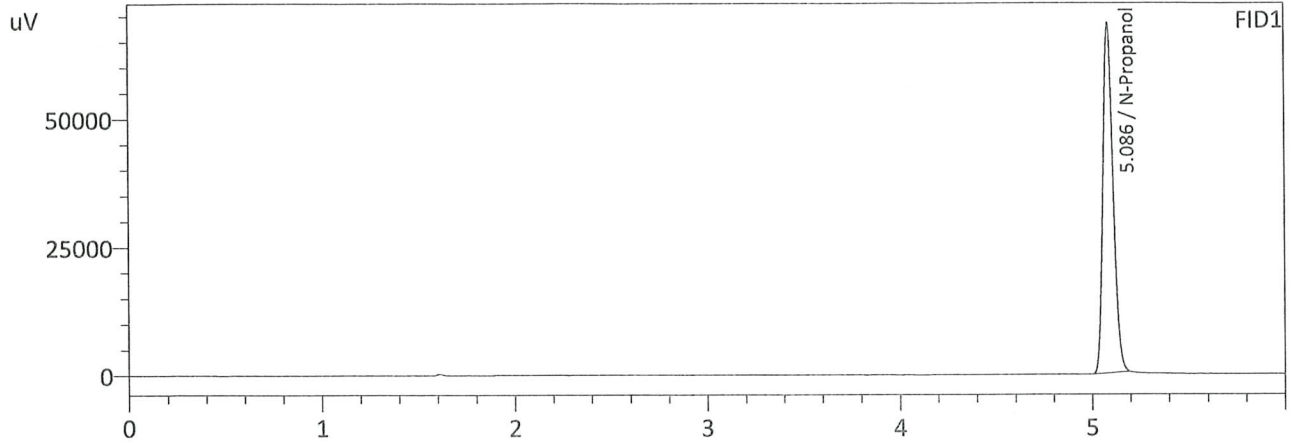
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	252512	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	255311	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 1:07:32 PM
 Vial # : 9
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

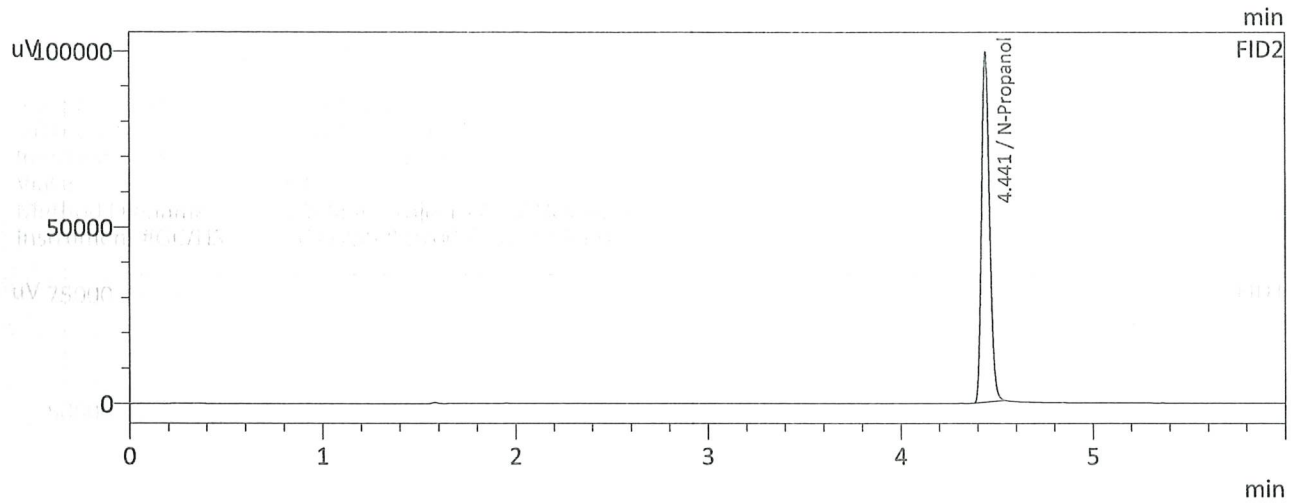
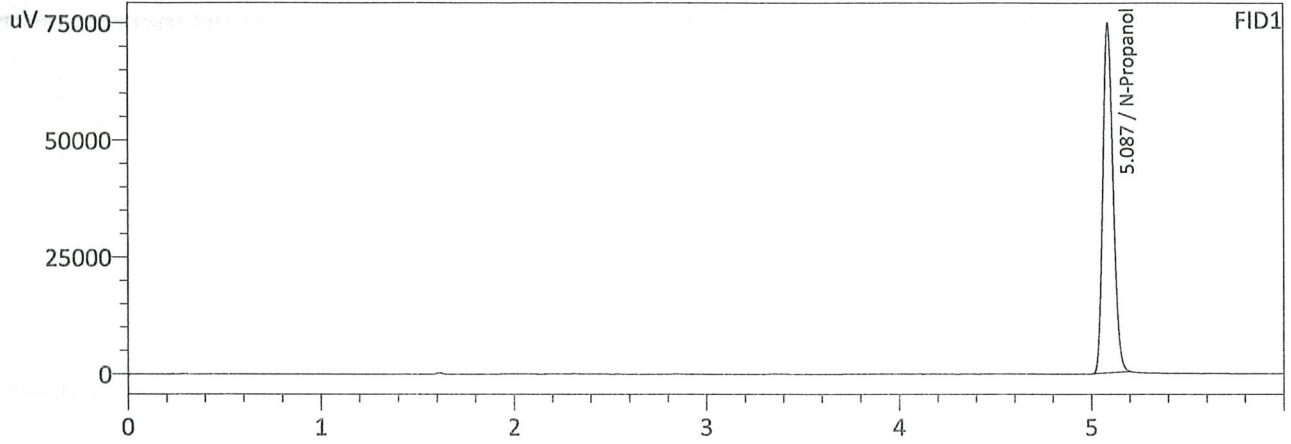
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	254305	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	257144	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
 Laboratory : Coeur d' Alene Lab
 Injection Date : 10/2/2024 5:47:45 PM
 Vial # : 38
 Method Filename : Default Project - 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	278481	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	281918	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc