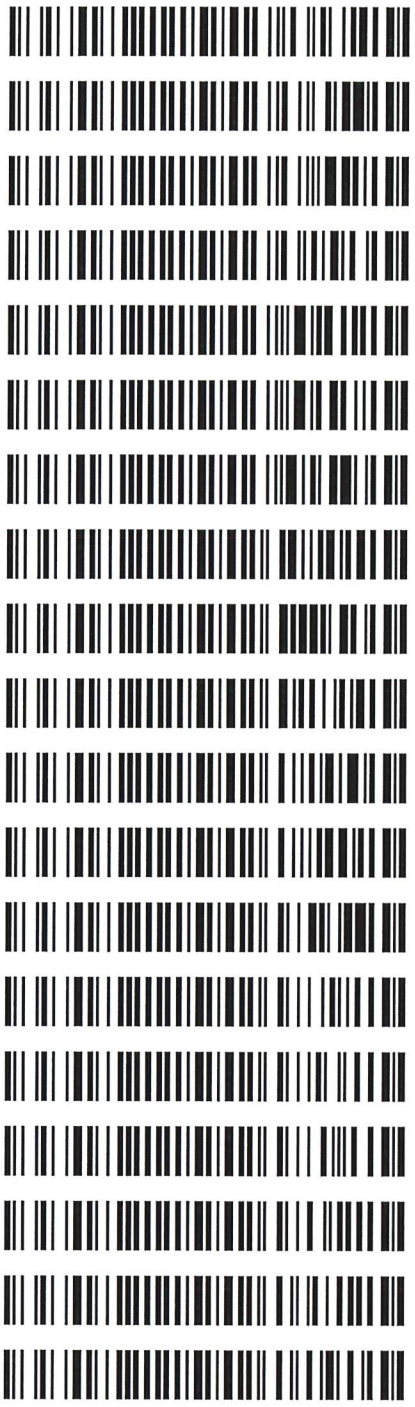
**REVIEWED**
*By Tamara Salazar at 9:32 am, Jul 11, 2022*

7/6/2022

**Worklist: 6019**

| LAB_CASE | ITEM | ITEM_TYPE | DESCRIPTION |
|---|---|---|---|
| C2022-1260 | 1 | BCK | Alcohol Analysis |
| C2022-1287 | 1 | BCK | Alcohol Analysis |
| C2022-1289 | 1 | BCK | Alcohol Analysis |
| C2022-1309 | 1 | BCK | Alcohol Analysis |
| C2022-1314 | 1 | BCK | Alcohol Analysis |
| C2022-1314 | 2 | BCK | Alcohol Analysis |
| C2022-1339 | 1 | BCK | Alcohol Analysis |
| C2022-1399 | 1 | BCK | Alcohol Analysis |
| C2022-1413 | 1 | BCK | Alcohol Analysis |
| C2022-1419 | 1 | BCK | Alcohol Analysis |
| C2022-1421 | 1 | BCK | Alcohol Analysis |
| C2022-1426 | 1 | BCK | Alcohol Analysis |
| C2022-1463 | 1 | BCK | Alcohol Analysis |
| C2022-1466 | 1 | BCK | Alcohol Analysis |
| C2022-1467 | 1 | BCK | Alcohol Analysis |
| C2022-1468 | 1 | BCK | Alcohol Analysis |
| C2022-1470 | 1 | BCK | Alcohol Analysis |
| C2022-1476 | 1 | BCK | Alcohol Analysis |
| C2022-1480 | 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 |
|---|---|---|---|---|
| 87 | conditioning 1 | 0:Unknown | 0 | ALCOHOL.GCM |
| 88 | conditioning 2 | 0:Unknown | 0 | ALCOHOL.GCM |
| 89 | conditioning 3 | 0:Unknown | 0 | ALCOHOL.GCM |
| 90 | conditioning 4 | 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-2-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 11 | QC-2-1-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 | C2022-1260-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 15 | C2022-1260-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 16 | C2022-1287-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 17 | C2022-1287-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 18 | C2022-1289-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 19 | C2022-1289-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 20 | C2022-1309-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 21 | C2022-1309-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 22 | C2022-1314-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 23 | C2022-1314-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 24 | C2022-1314-2-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 25 | C2022-1314-2-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 26 | C2022-1339-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 27 | C2022-1339-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 28 | C2022-1399-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 29 | C2022-1399-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 30 | C2022-1413-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 31 | C2022-1413-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 32 | QC-1-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 33 | QC-1-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 34 | C2022-1419-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 35 | C2022-1419-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 36 | C2022-1421-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 37 | C2022-1421-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 38 | C2022-1426-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 39 | C2022-1426-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 40 | C2022-1463-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 41 | C2022-1463-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 42 | C2022-1466-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 43 | C2022-1466-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 44 | C2022-1467-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 45 | C2022-1467-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 46 | C2022-1468-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 47 | C2022-1468-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 48 | C2022-1470-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 49 | C2022-1470-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 50 | C2022-1476-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 51 | C2022-1476-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 52 | C2022-1480-1-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 53 | C2022-1480-1-B | 0:Unknown | 0 | ALCOHOL.GCM |
| 54 | QC-2-2-A | 0:Unknown | 0 | ALCOHOL.GCM |
| 55 | QC-2-2-B | 0:Unknown | 0 | ALCOHOL.GCM |

99

| Vial# | Sample Name | Sample Type | Level# | Method File |
|---|---|---|---|---|
| 56 | INT STD BLK 4 | 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):** *7/6/2022*

**Calibration Date:** *(if different)*

**Worklist #:** **6019**

| Control level | Expiration | Lot # | Target Value | Acceptable Range | Overall Results |
|---|---|---|---|---|---|
| Level 1 | Feb-25 | 2101199 | 0.0808 | 0.0727-0.0889 | 0.0784 g/100cc |
| | | | | | g/100cc |
| | | | | | g/100cc |
| Level 2 | Jul-23 | 19070007 | 0.2170 | 0.1953-0.2387 | 0.2043 g/100cc |
| | | | | | 0.2201 g/100cc |
| | | | | | g/100cc |

| Multi-Component mixture: | Exp: | 22-Jul | Lot # | FN07101701 | OK |
|---|---|---|---|---|---|
| **Curve Fit:** | | **Column 1** | 0.99992 | **Column2** | 0.99997 |

### Ethanol Calibration Reference Material

| Calibrator level | Target Value | Acceptable Range | Column 1 | Column 2 | Precision | Mean |
|---|---|---|---|---|---|---|
| 50 | 0.050 | 0.045 - 0.055 | 0.0515 | 0.0502 | 0.0013 | 0.0508 |
| 100 | 0.100 | 0.090 - 0.110 | 0.0996 | 0.1001 | 0.0005 | 0.0998 |
| 200 | 0.200 | 0.180 - 0.220 | 0.1975 | 0.2004 | 0.0029 | 0.1989 |
| 300 | 0.300 | 0.270 - 0.330 | 0.3010 | 0.2983 | 0.0027 | 0.2996 |
| 400 | 0.400 | 0.360 - 0.440 | | | 0 | #DIV/0! |
| 500 | 0.500 | 0.450 - 0.550 | 0.5003 | 0.5007 | 0.0004 | 0.5005 |

### Aqueous Controls

| Control level | Target Value | Acceptable Range | Overall Results |
|---|---|---|---|
| 80 | 0.080 | 0.076 - 0.084 | 0.077 g/100cc |

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

# Internal Standard Monitoring Worksheet

**Worklist #:** 6019 **Run Date(s):** 7/6/2022

| Internal Standard Solution: Lot# A014463901 | Prep Date: 4/28/2022 | Exp Date: 10/28/2022 |
|---|---|---|

| Sample Name | Column 1 Value | Column 2 Value |
|---|---|---|
| 0.080 | 226045 | 251697 |
| 0.080 | 223288 | 248660 |
| QC1 | 262088 | 290401 |
| QC1 | 249107 | 276980 |
| QC1 | | |
| QC1 | | |
| QC1 | | |
| QC1 | | |
| QC2 | 224664 | 250423 |
| QC2 | 225269 | 251022 |
| QC2 | 270702 | 299037 |
| QC2 | 270127 | 298416 |
| QC2 | | |
| QC2 | | |

| | Average | (-)20% | (+)20% |
|---|---|---|---|
| Column 1 | 243911.3 | 195129.0 | 292693.5 |
| Column 2 | 270829.5 | 216663.6 | 324995.4 |

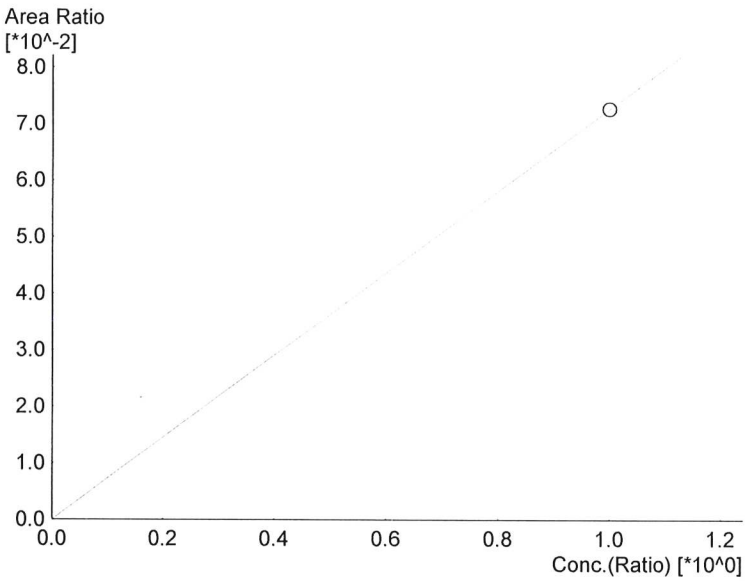


Revision: 5
Issue Date: 07/05/2022
Issuing Authority: Quality Manager

# Calibration Table

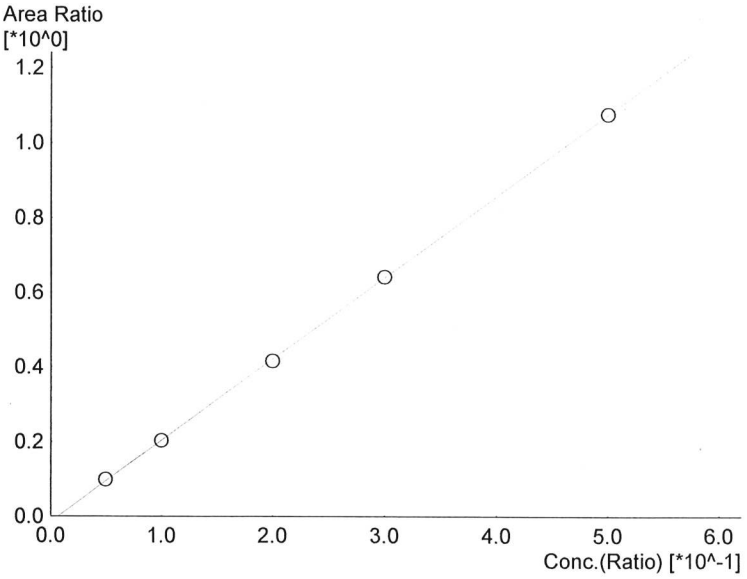
Laboratory : Coeur d' Alene
Instrument Name : Nexis GC2030
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM
Batch File :C:\LabSolutions\Data\7-6-22\7-6-22.gcb
Date Acquired :7/6/2022 2:03:15 PM
Date Created :7/6/2022 2:00:04 PM
Date Modified :7/7/2022 10:40:06 AM



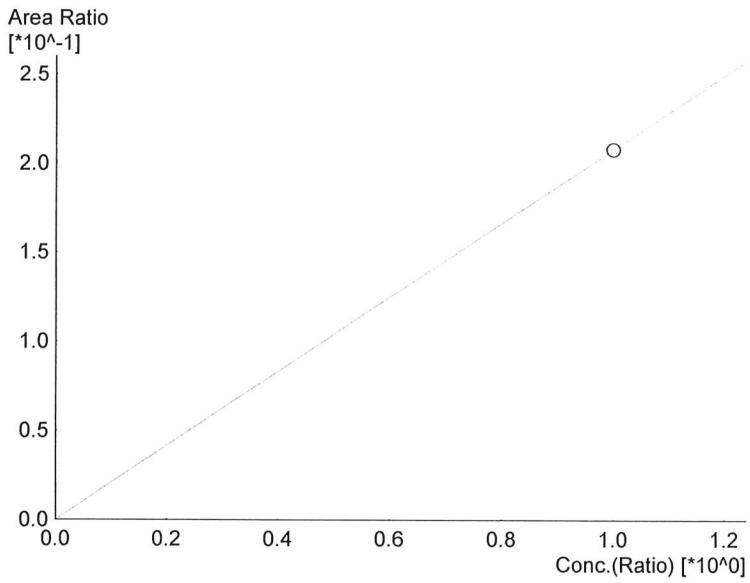

Name : Methanol
Detector Name: FID1
Function : f(x)=0.0726971*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. |
|---|---|---|---|
| 6 | 1.000 | 16510 | 1.0000 |



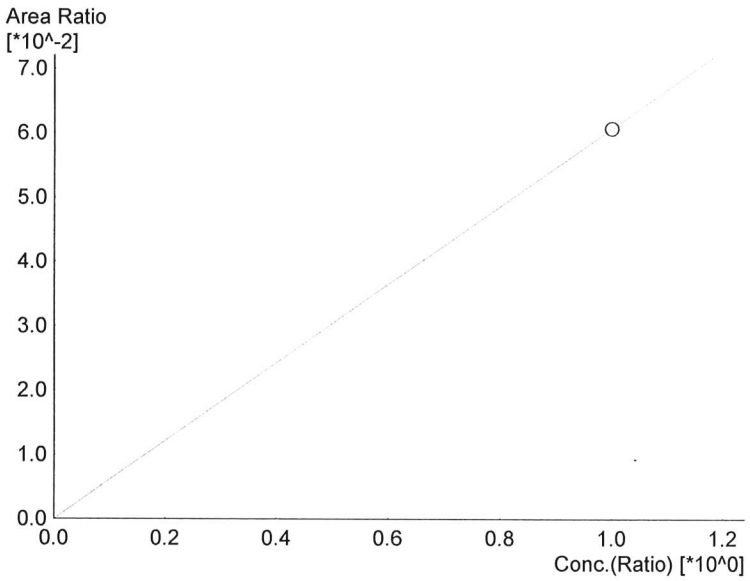

Name : Ethanol
Detector Name: FID1
Function : f(x)=2.18142*x-0.0145052
R^2 value= 0.9999236
FitType: Linear
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. |
|---|---|---|---|
| 1 | 0.050 | 21459 | 0.0515 |
| 2 | 0.100 | 44504 | 0.0996 |
| 3 | 0.200 | 91434 | 0.1975 |
| 4 | 0.300 | 145832 | 0.3010 |
| 5 | 0.500 | 236039 | 0.5003 |



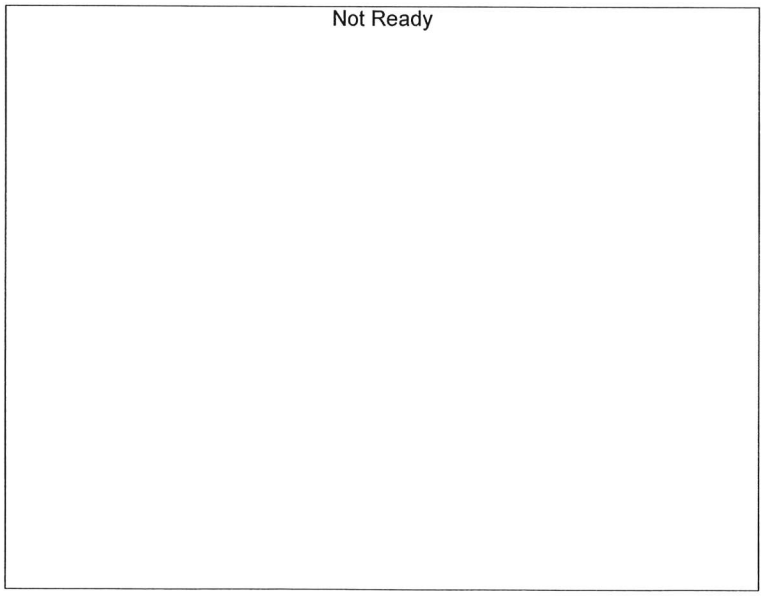

Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.208142*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. |
|---|---|---|---|
| 6 | 1.000 | 47271 | 1.0000 |




Name : Acetone
Detector Name: FID1
Function : f(x)=0.0607658*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

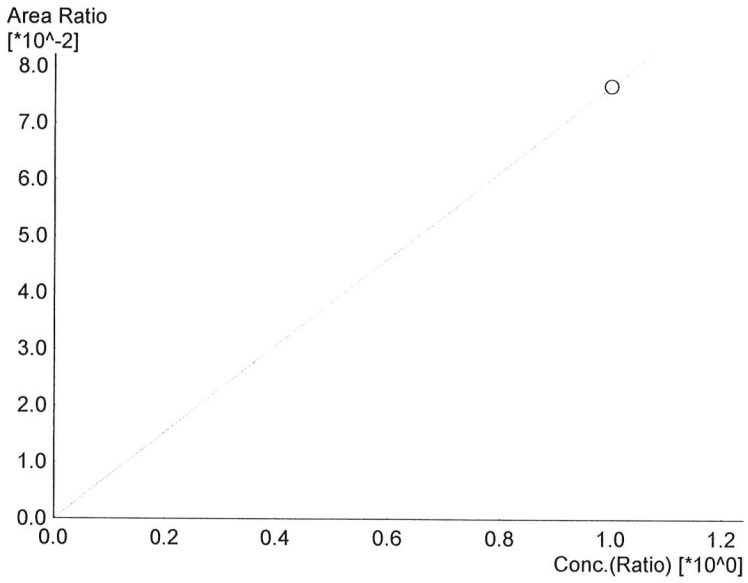
| # | Conc. | Area | Std. Conc. |
|---|---|---|---|
| 6 | 1.000 | 13800 | 1.0000 |




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

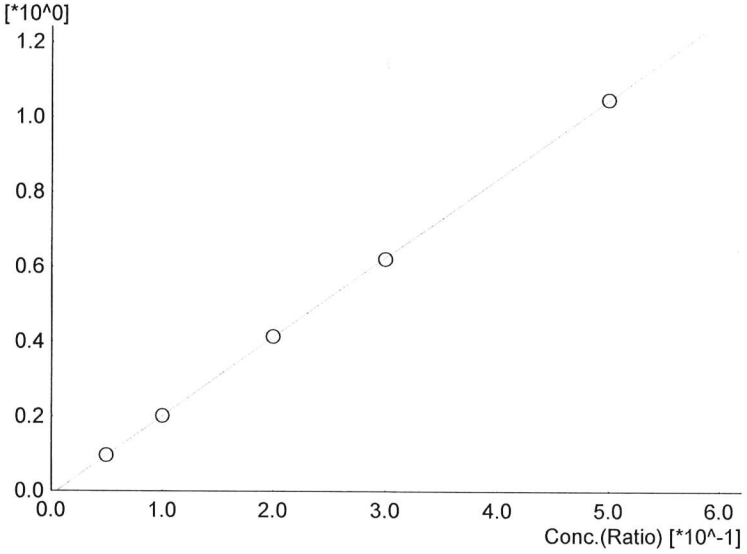
| # | Conc. | Area | Std. Conc. |
|---|---|---|---|

99



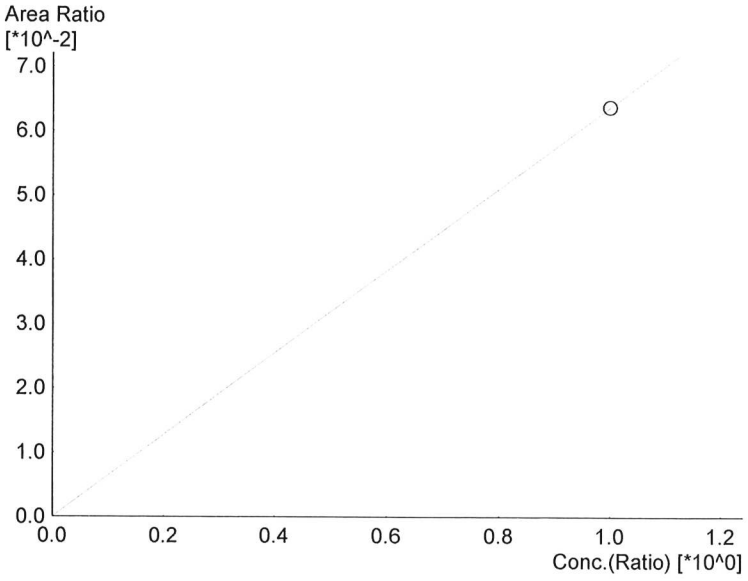

Name : Methanol
Detector Name: FID2
Function : f(x)=0.0766664*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. |
|---|---|---|---|
| 6 | 1.000 | 19426 | 1.0000 |



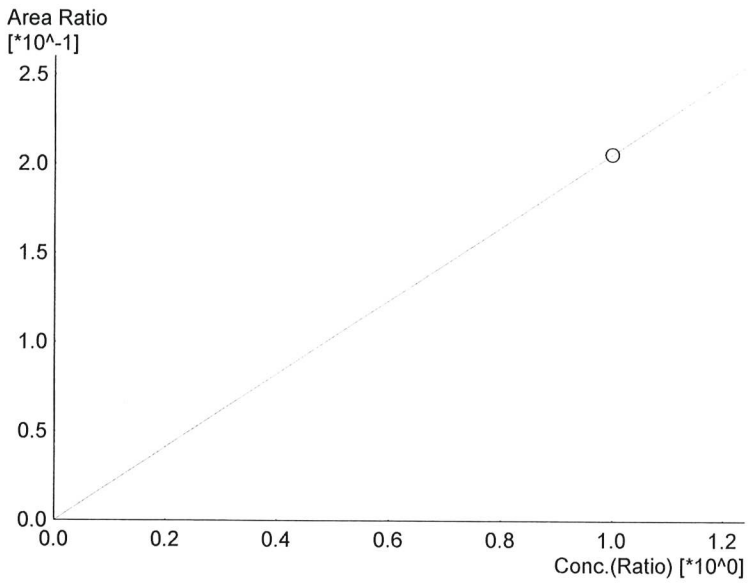

Name : Ethanol
Detector Name: FID2
Function : f(x)=2.11486*x-0.0107782
R^2 value= 0.9999736
FitType: Linear
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. |
|---|---|---|---|
| 1 | 0.050 | 23021 | 0.0502 |
| 2 | 0.100 | 48616 | 0.1001 |
| 3 | 0.200 | 99962 | 0.2004 |
| 4 | 0.300 | 155897 | 0.2983 |
| 5 | 0.500 | 257408 | 0.5007 |



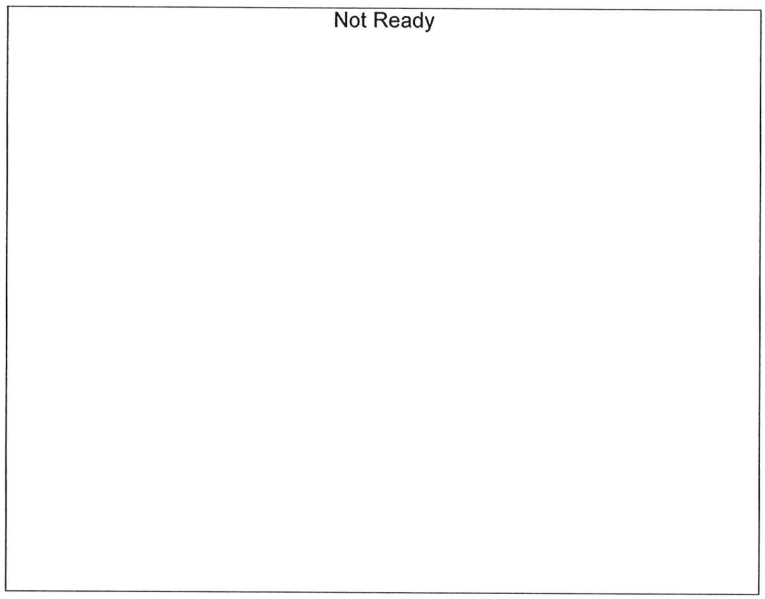

Name : Acetone
Detector Name: FID2
Function : f(x)=0.0637436*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. |
|---|---|---|---|
| 6 | 1.000 | 16151 | 1.0000 |




Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.205685*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

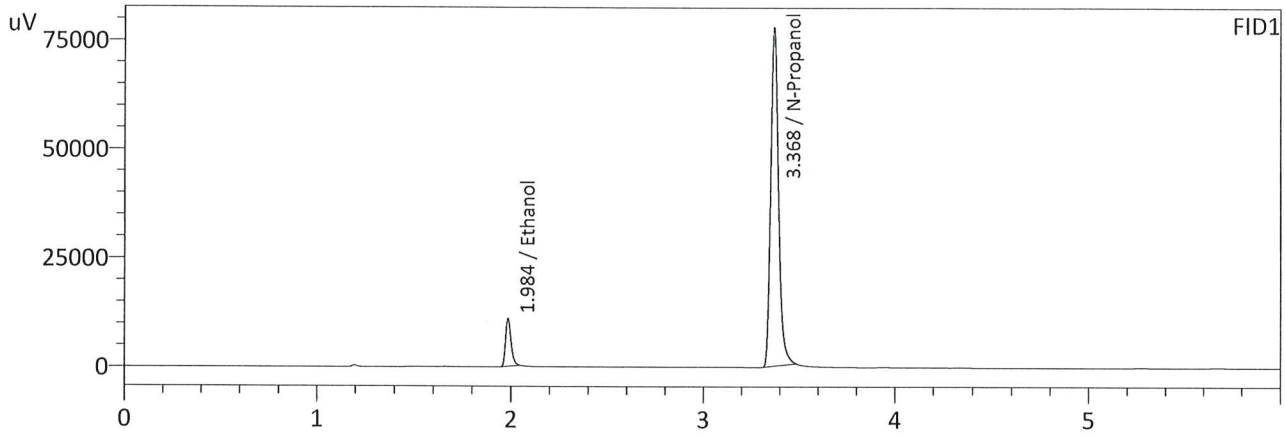
| # | Conc. | Area | Std. Conc. |
|---|---|---|---|
| 6 | 1.000 | 52116 | 1.0000 |

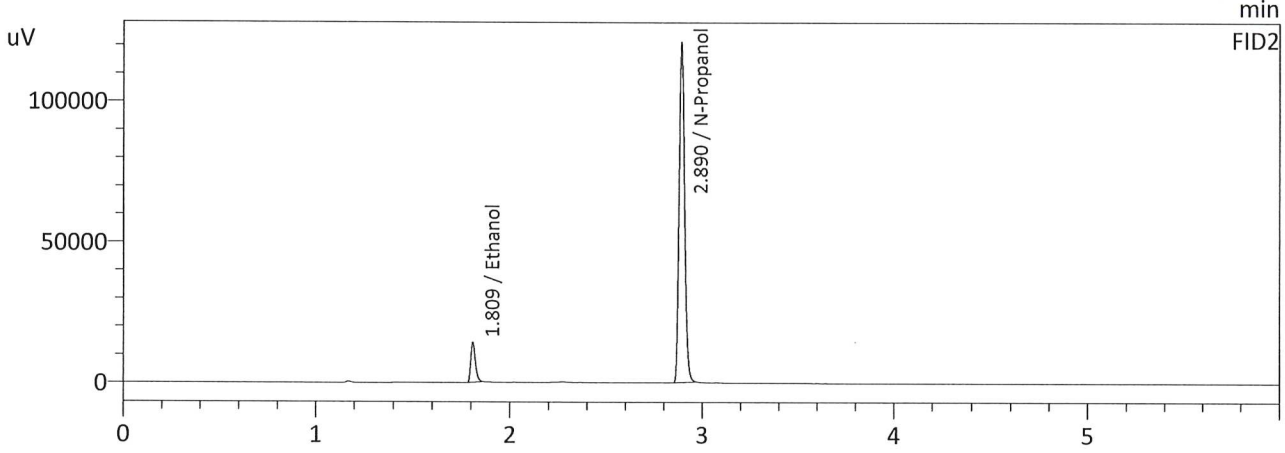



Name : Fluor. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

| # | Conc. | Area | Std. Conc. |
|---|---|---|---|

Sample Name : 0.050
Laboratory : Coeur d' Alene Lab
Injection Date : 7/6/2022 1:23:42 PM
Vial # : 2
Method Filename : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181




FID1

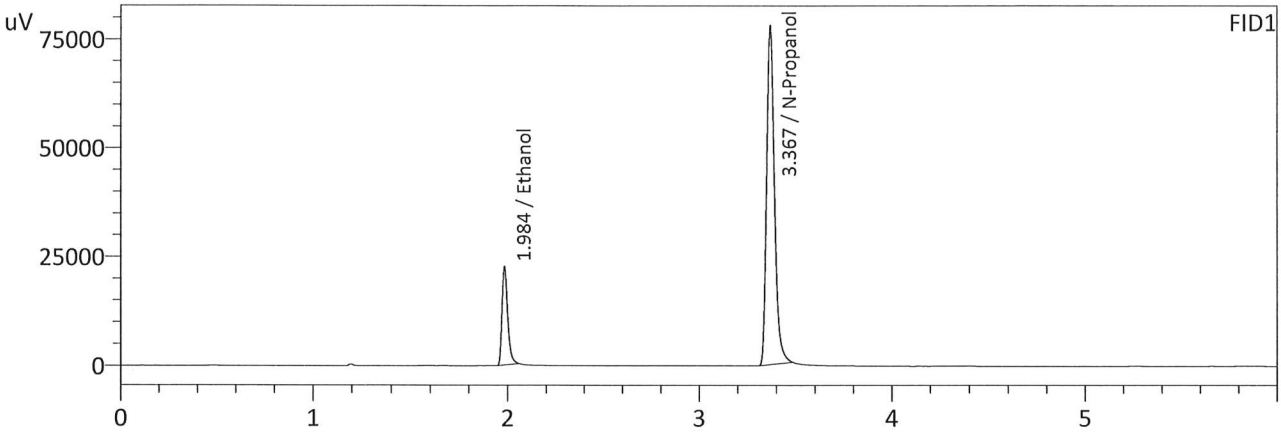
| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0515 | 21459 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 219068 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

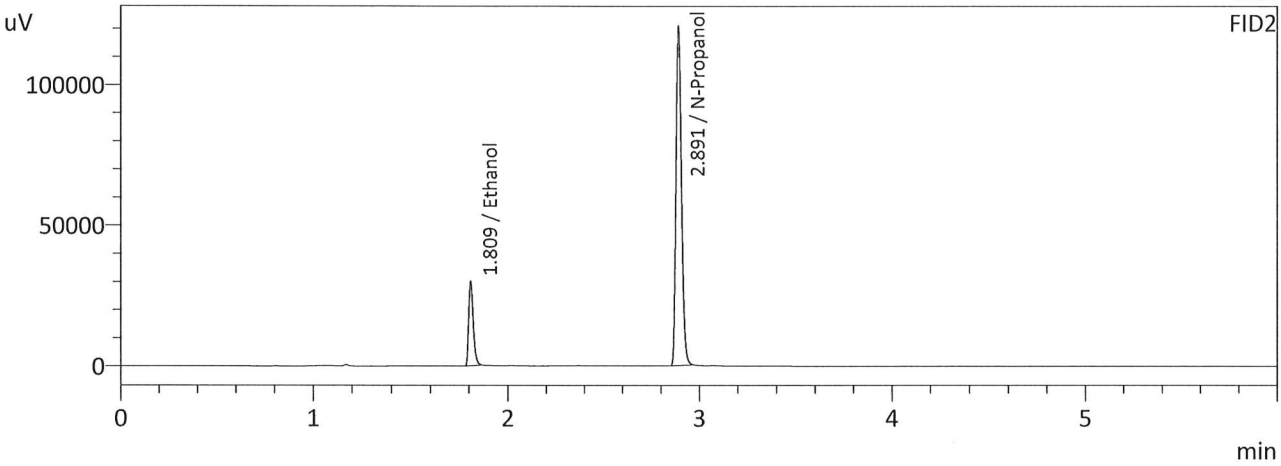
FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0502 | 23021 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 241038 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : 0.100
Laboratory : Coeur d' Alene Lab
Injection Date : 7/6/2022 1:34:11 PM
Vial # : 3
Method Filename : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



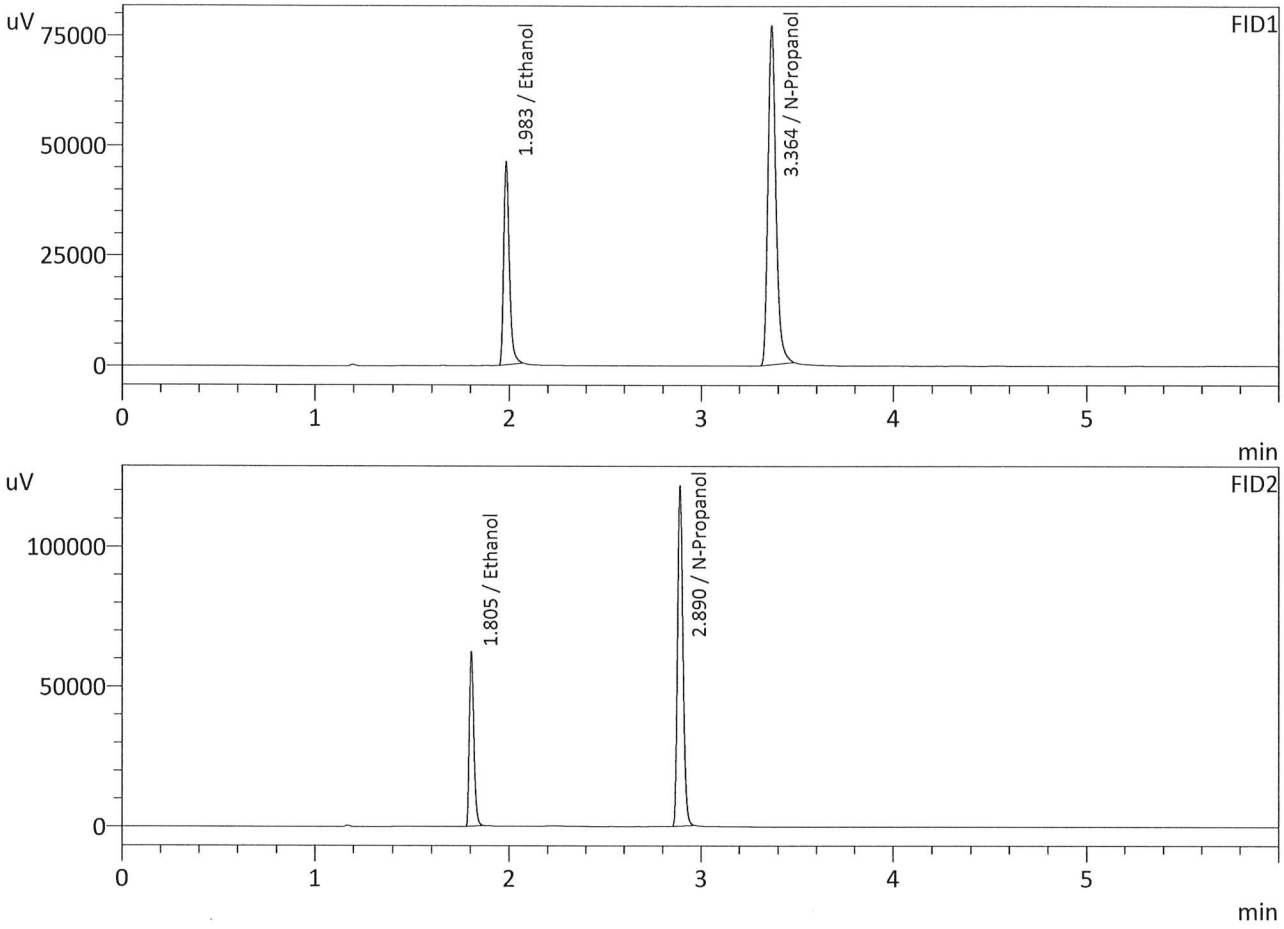

FID1

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0996 | 44504 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 219479 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1001 | 48616 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 241798 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

Sample Name : 0.200
Laboratory : Coeur d' Alene Lab
Injection Date : 7/6/2022 1:43:29 PM
Vial # : 4
Method Filename : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181




FID1

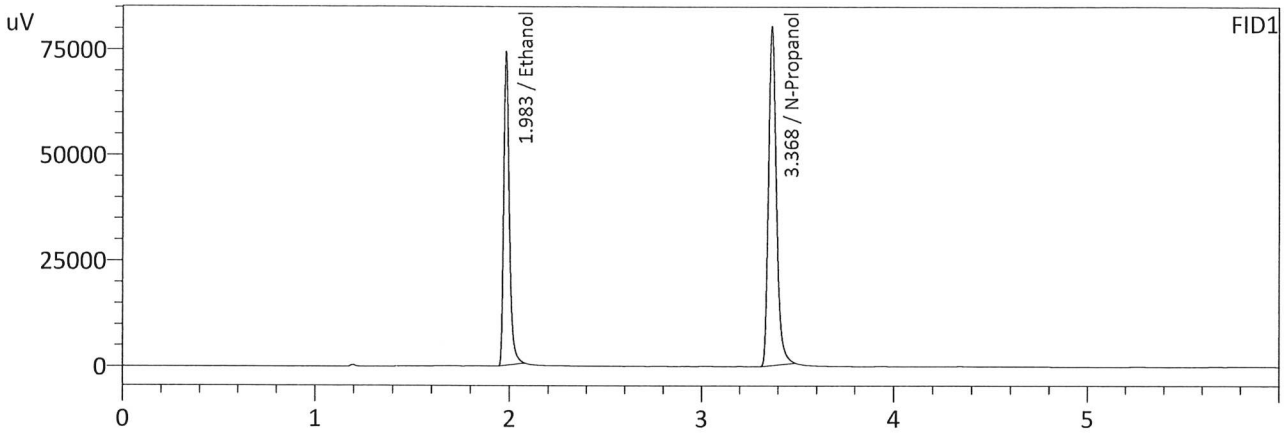
| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.1975 | 91434 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 219588 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

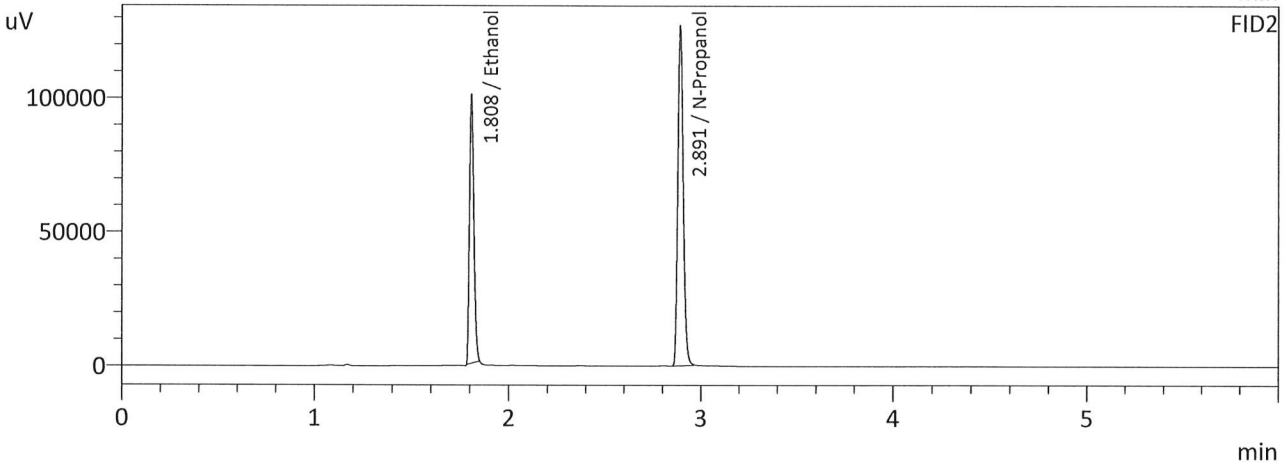
FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.2004 | 99962 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 241943 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : 0.300
Laboratory : Coeur d' Alene Lab
Injection Date : 7/6/2022 1:53:56 PM
Vial # : 5
Method Filename : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181




FID1

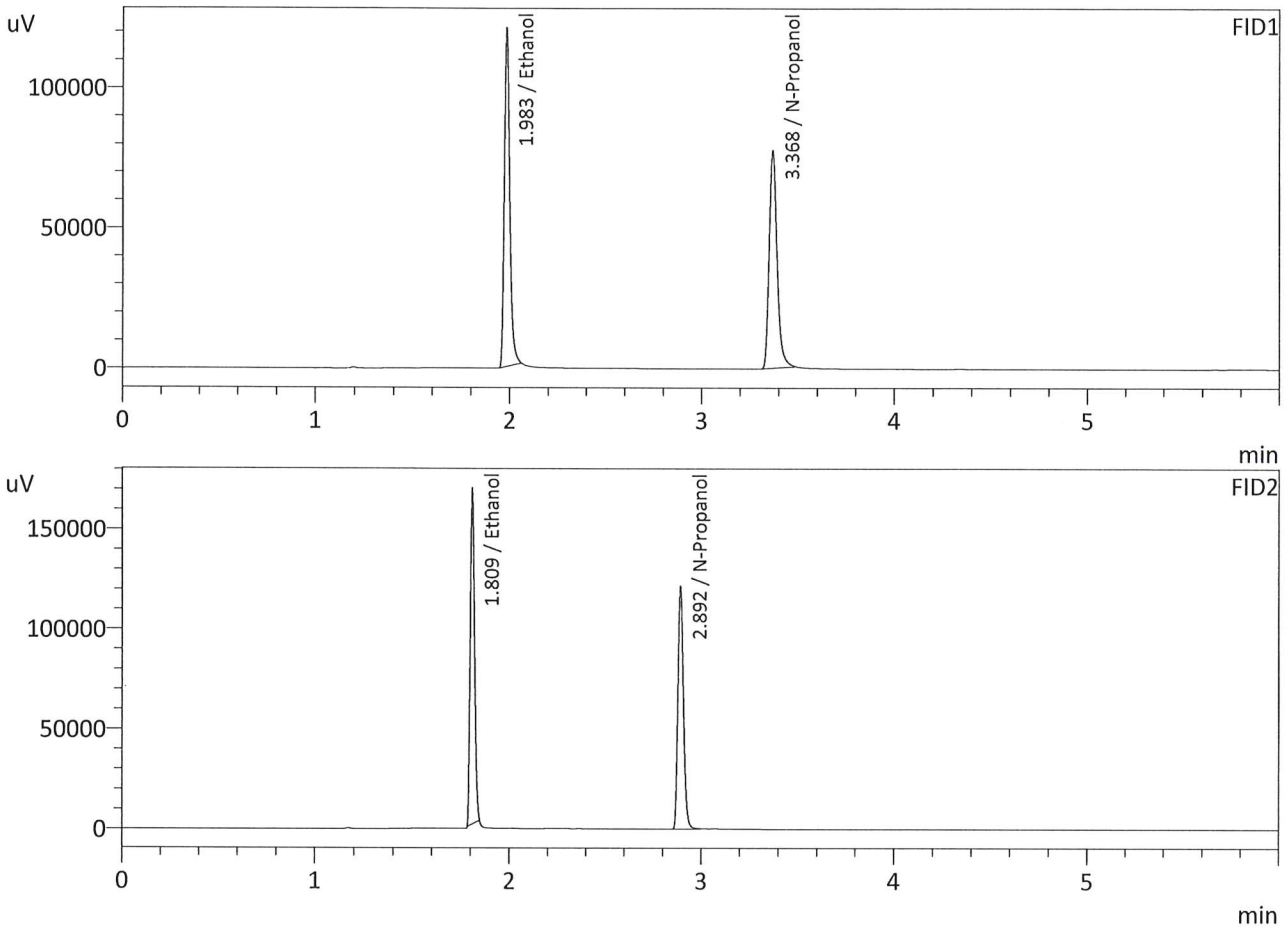
| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.3010 | 145832 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 227114 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.2983 | 155897 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 251327 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : 0.500
Laboratory : Coeur d' Alene Lab
Injection Date : 7/6/2022 2:03:15 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181




FID1

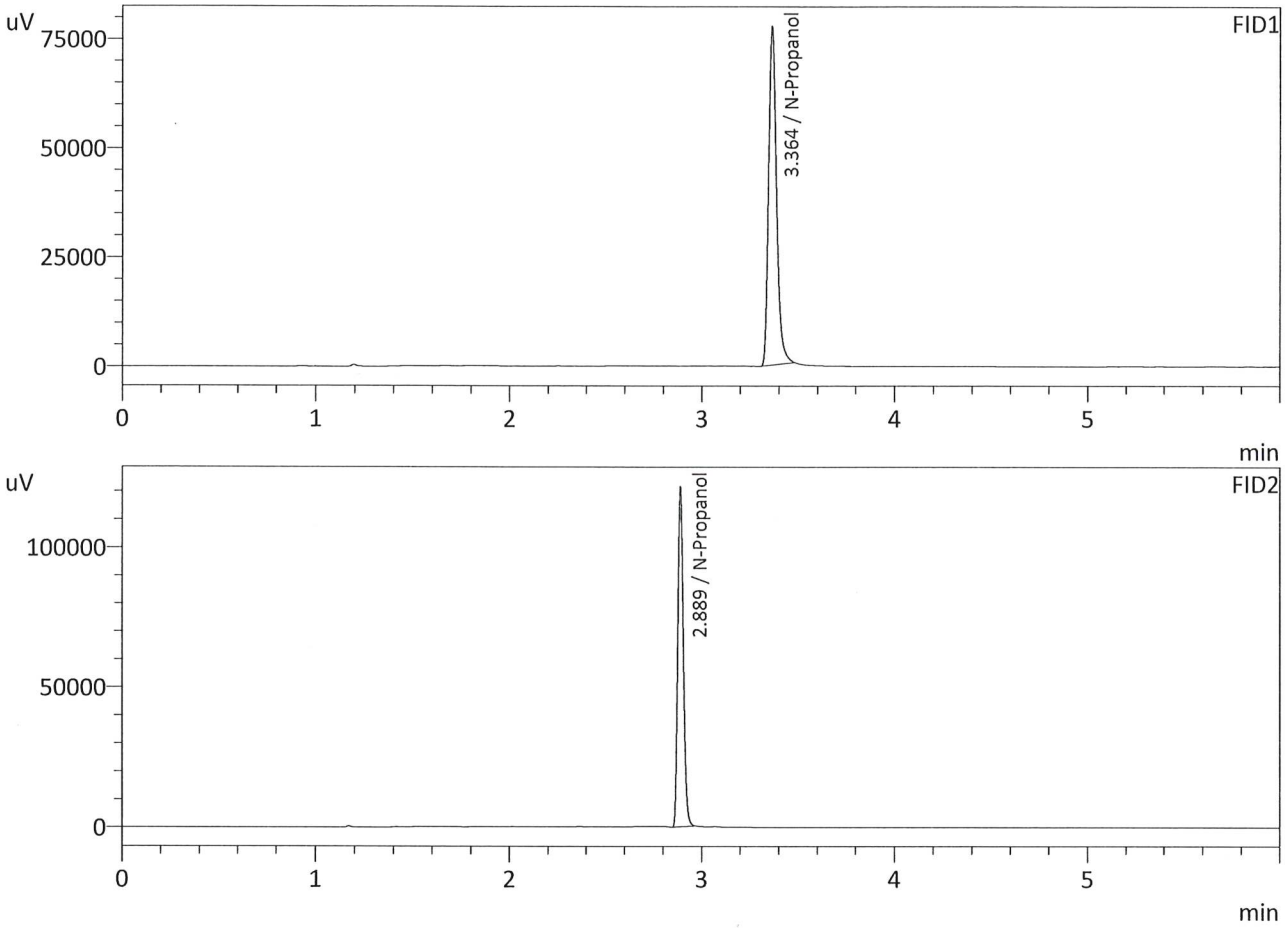
| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.5003 | 236039 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 219187 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.5007 | 257408 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 245578 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 7/6/2022 1:14:25 PM
Vial # : 1
Method Filename : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181



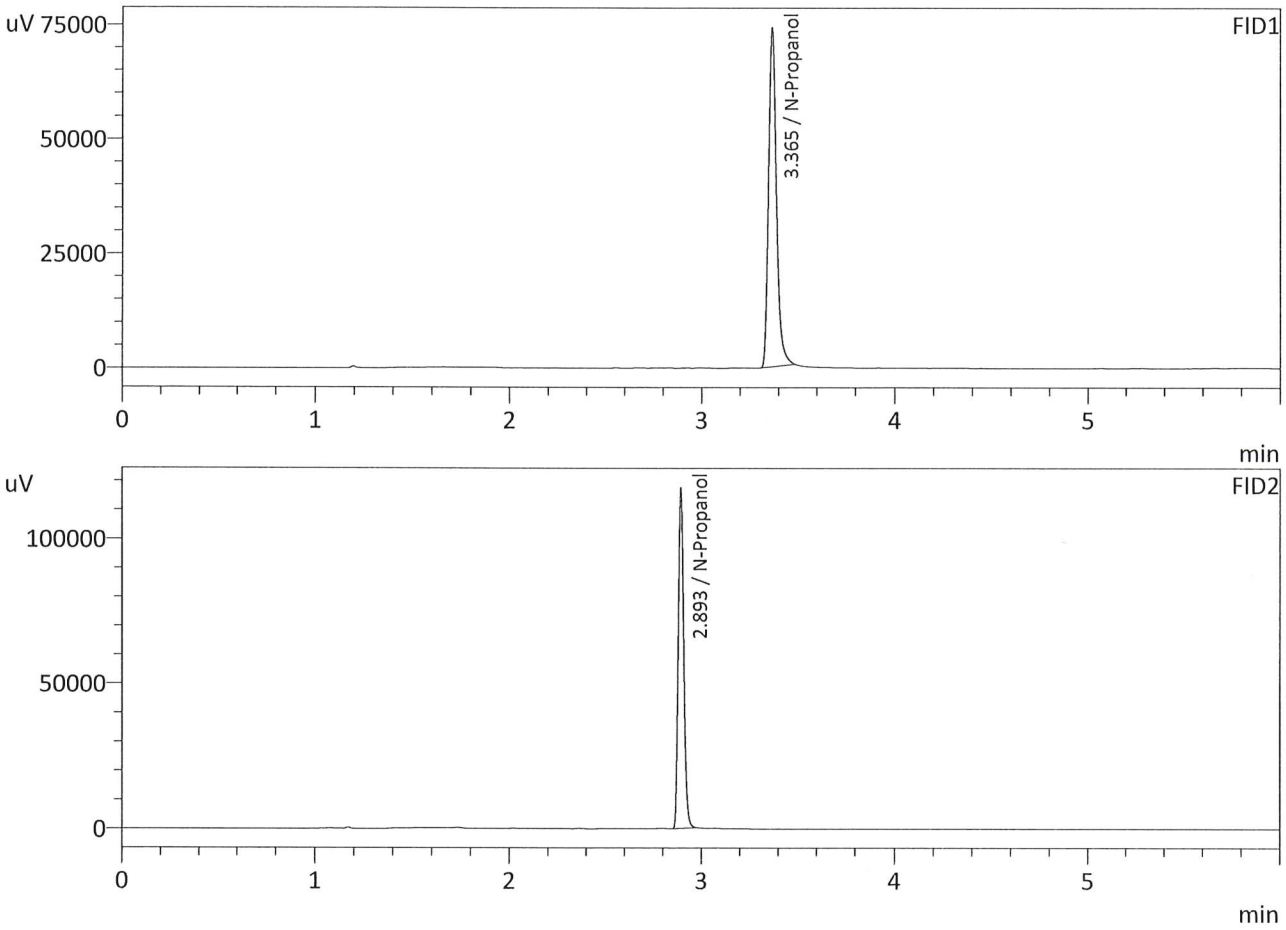

FID1

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 219944 | 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 | 241986 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

| | |
|---|---|
| Sample Name | : INT STD BLK 2 |
| Laboratory | : Coeur d' Alene Lab |
| Injection Date | : 7/6/2022 2:13:42 PM |
| Vial # | : 7 |
| Method Filename | : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM |
| Instrument #GC/HS | : C12255850700 / C12595700181 |




FID1

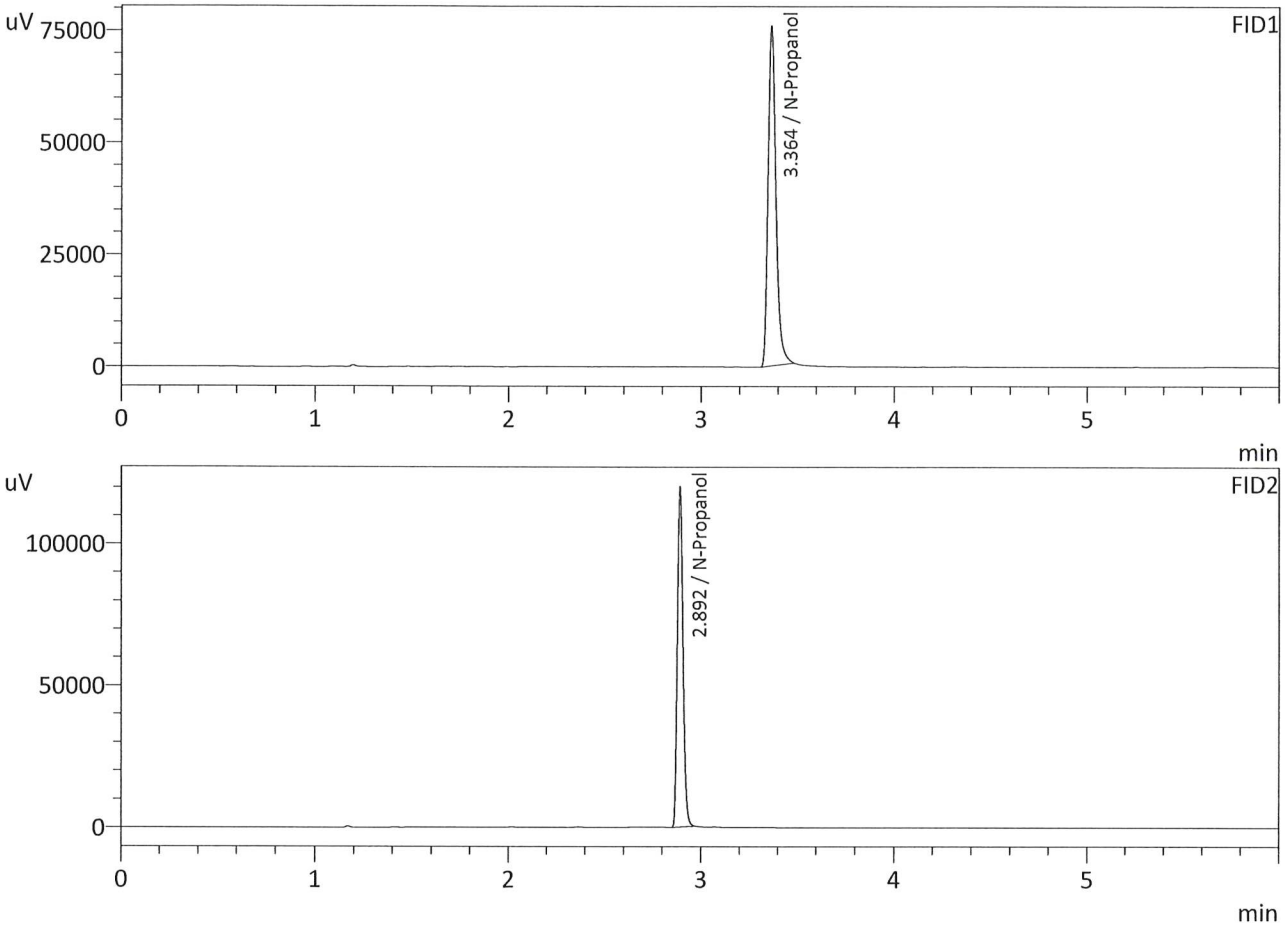
| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 210571 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 233891 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

| | |
|---|---|
| Sample Name | : INT STD BLK 3 |
| Laboratory | : Coeur d' Alene Lab |
| Injection Date | : 7/6/2022 2:33:29 PM |
| Vial # | : 9 |
| Method Filename | : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM |
| Instrument #GC/HS | : C12255850700 / C12595700181 |



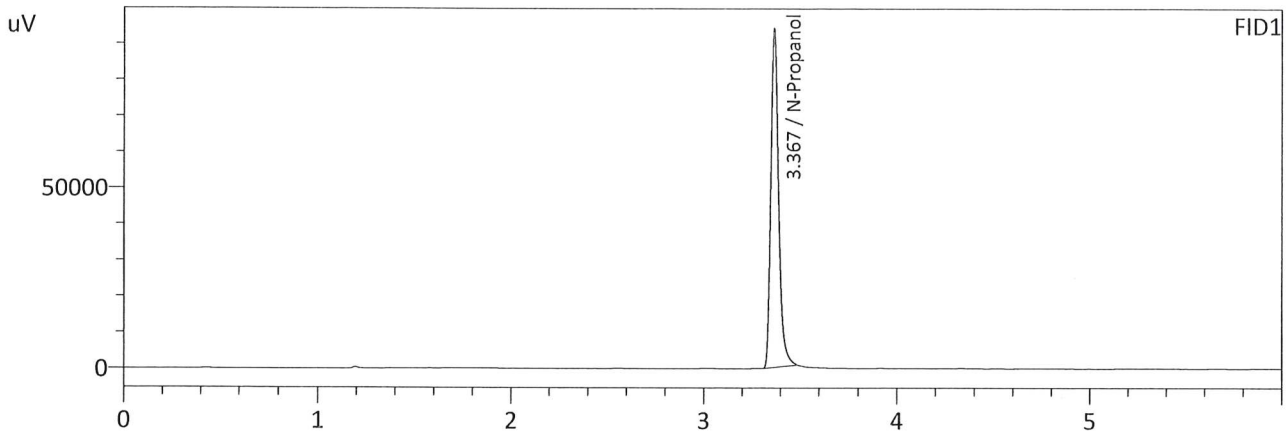

FID1

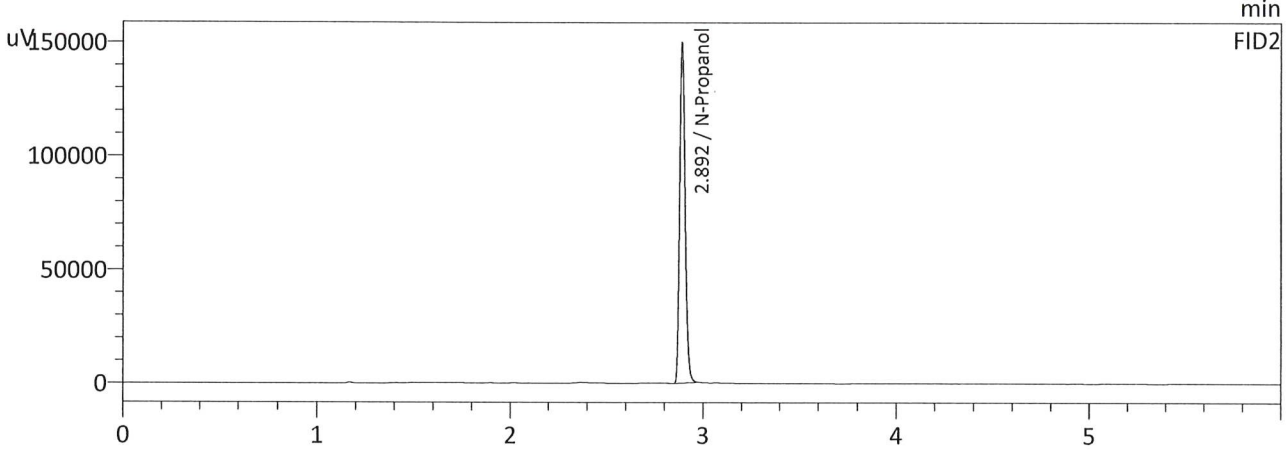
| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 216079 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 240077 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

| | |
|---|---|
| Sample Name | : INT STD BLK 4 |
| Laboratory | : Coeur d' Alene Lab |
| Injection Date | : 7/6/2022 10:17:40 PM |
| Vial # | : 56 |
| Method Filename | : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM |
| Instrument #GC/HS | : C12255850700 / C12595700181 |



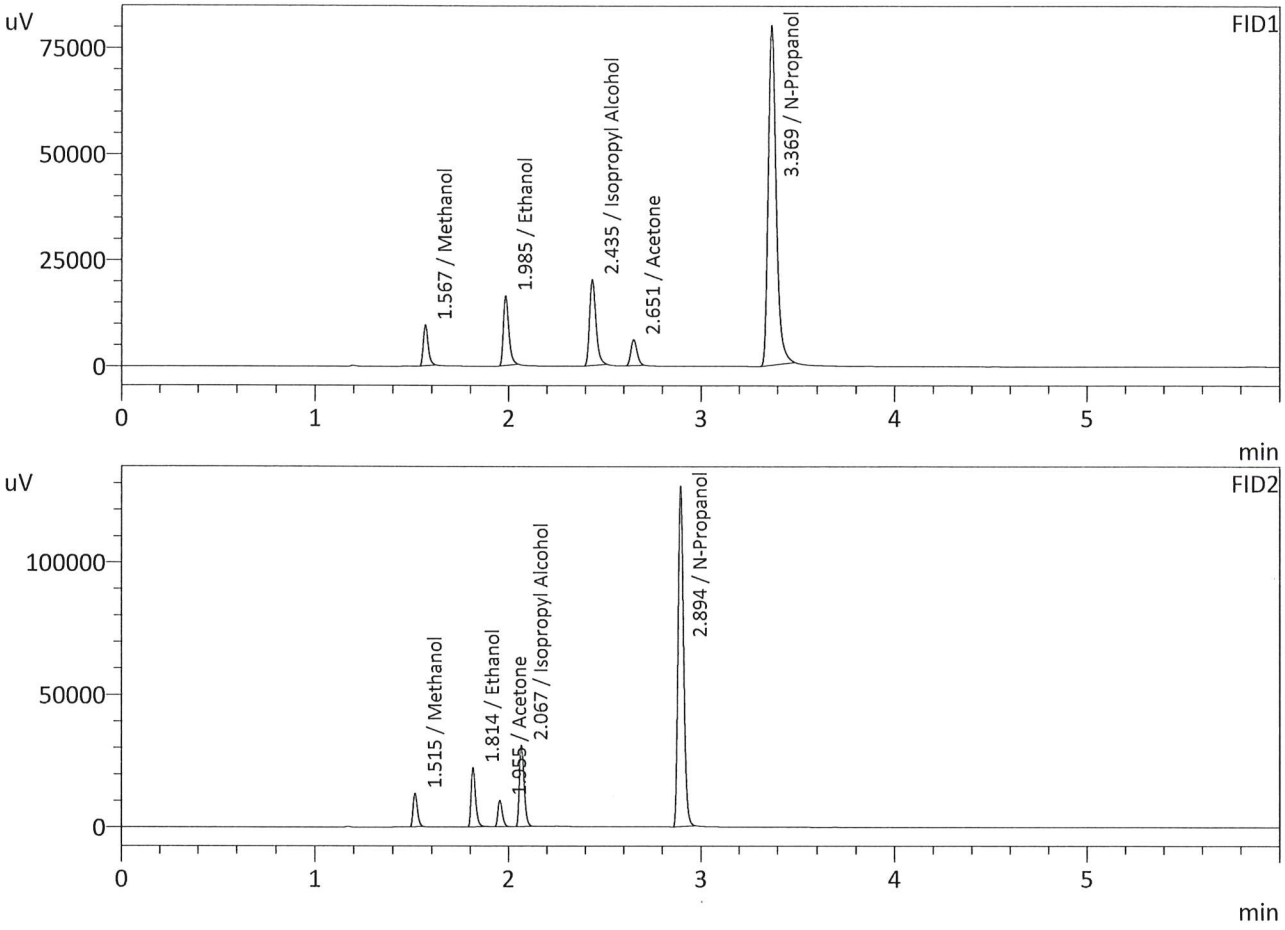

FID1

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 266693 | 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 | 295524 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

Sample Name : MULTI-COMP MIX
Laboratory : Coeur d' Alene Lab
Injection Date : 7/6/2022 2:23:00 PM
Vial # : 8
Method Filename : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181




FID1

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | 1.0000 | 16510 | g/100cc |
| Ethanol | 0.0652 | 32181 | g/100cc |
| Isopropyl Alcohol | 1.0000 | 47271 | g/100cc |
| Acetone | 1.0000 | 13800 | g/100cc |
| N-Propanol | 0.0000 | 227110 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | 1.0000 | 19426 | g/100cc |
| Ethanol | 0.0660 | 36310 | g/100cc |
| Acetone | 1.0000 | 16151 | g/100cc |
| Isopropyl Alcohol | 1.0000 | 52116 | g/100cc |
| N-Propanol | 0.0000 | 253379 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

# VOLATILES BAC CASEFILE WORKSHEET

**Laboratory No.: 0.080** **Item #1** **Analysis Date(s): 7/6/2022**

| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
|---|---|---|---|---|---|---|
| Sample Results | 0.0768 | 0.0761 | 0.0007 | 0.0764 | 0.0013 | 0.0770 |
| (g/100cc) | 0.0778 | 0.0776 | 0.0002 | 0.0777 | | |

**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%**

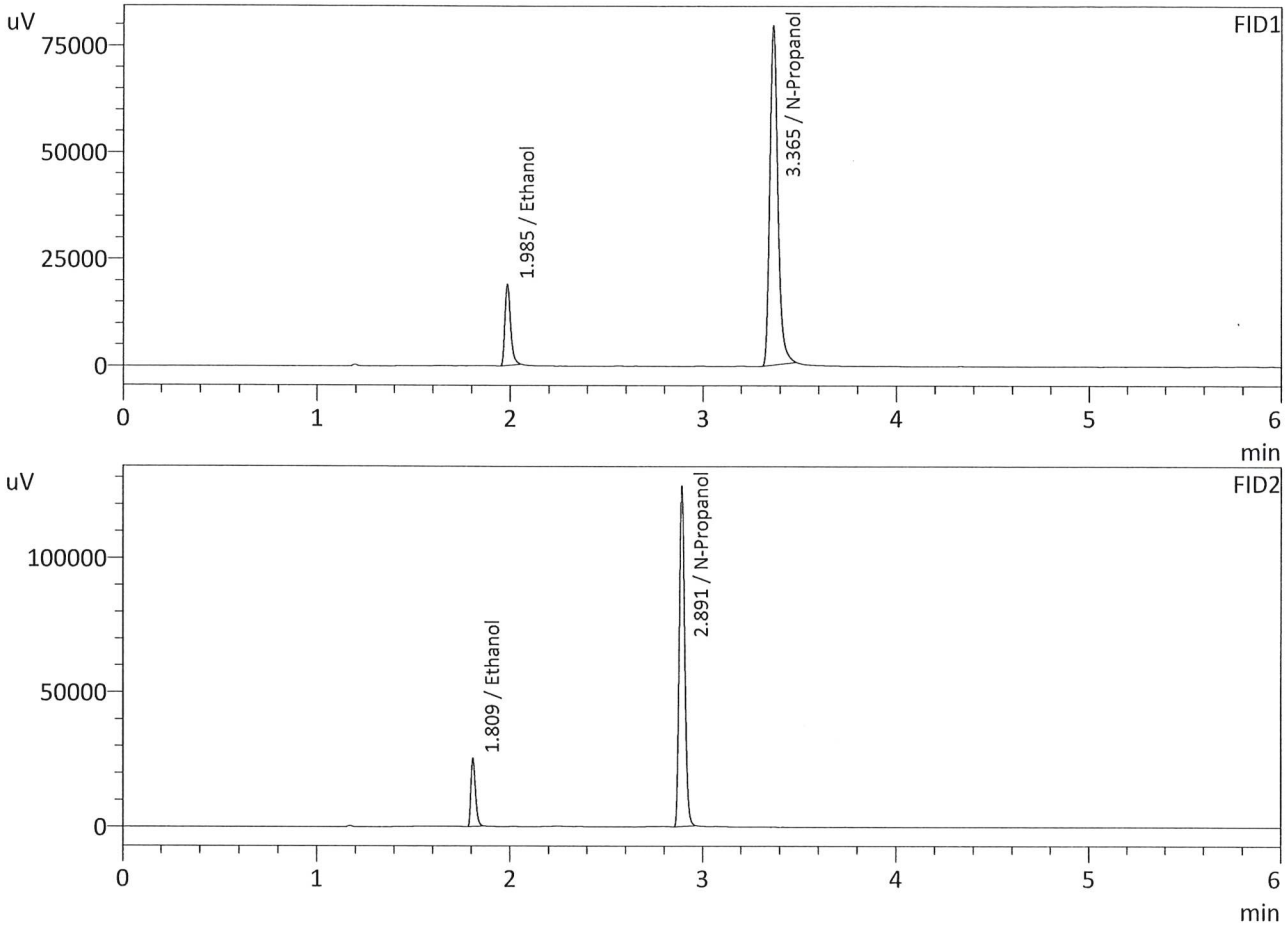
| Overall Mean (g/100cc) | Low | High | 5% of Mean |
|---|---|---|---|
| **0.077** | **0.073** | **0.081** | **0.004** |

**Reported Result**

**0.077**

***Calibration and control data are stored centrally.***

| | |
|---|---|
| Sample Name | : 0.08 QA - A |
| Laboratory | : Coeur d' Alene Lab |
| Injection Date | : 7/6/2022 3:02:34 PM |
| Vial # | : 12 |
| Method Filename | : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM |
| Instrument #GC/HS | : C12255850700 / C12595700181 |



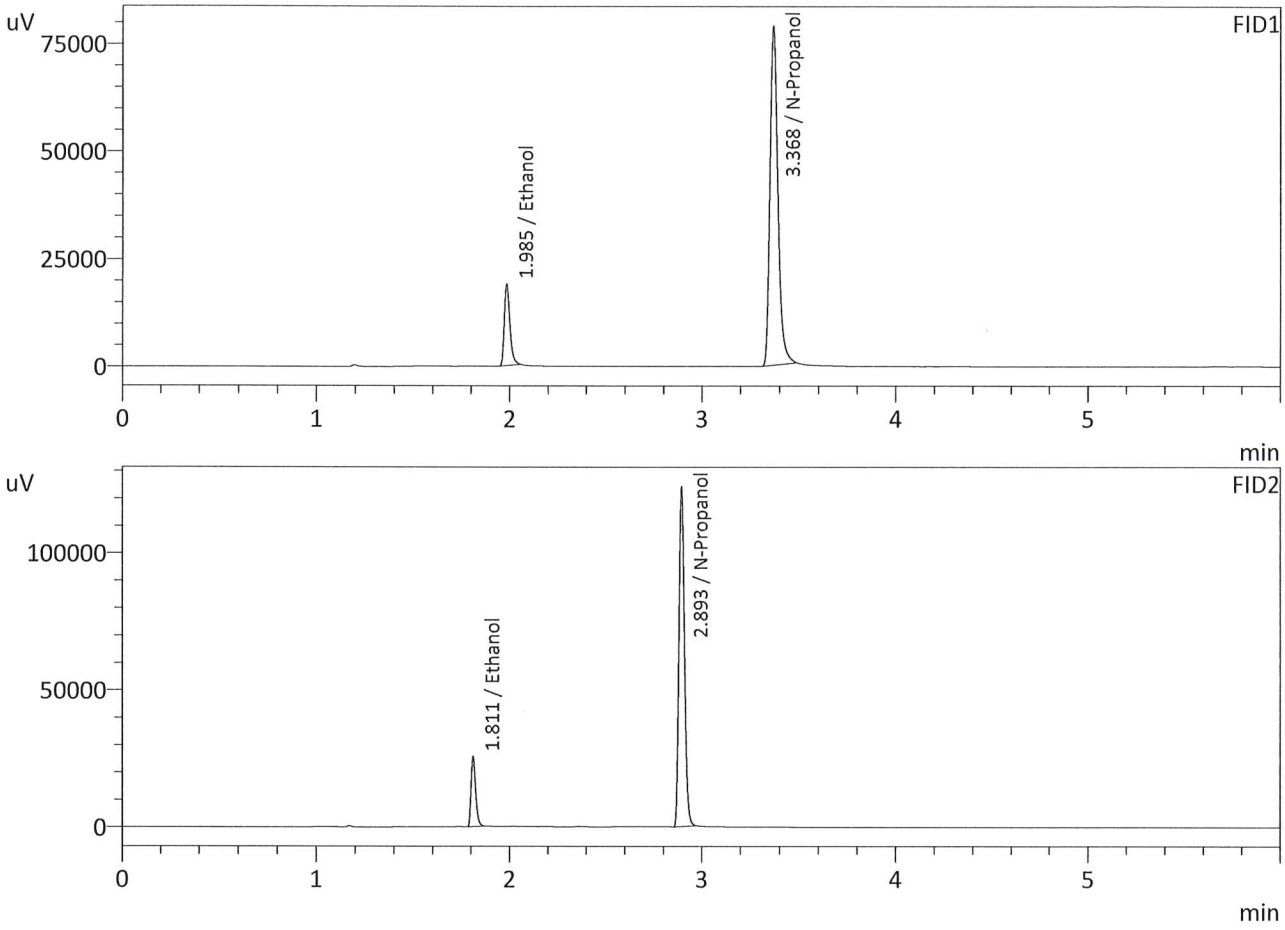

FID1

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0768 | 37762 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 226045 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0761 | 41570 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 251697 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

| | |
|---|---|
| Sample Name | : 0.08 QA - B |
| Laboratory | : Coeur d' Alene Lab |
| Injection Date | : 7/6/2022 3:13:03 PM |
| Vial # | : 13 |
| Method Filename | : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM |
| Instrument #GC/HS | : C12255850700 / C12595700181 |




FID1

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0778 | 37794 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 223288 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0776 | 41886 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 248660 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

49

# VOLATILES BAC CASEFILE WORKSHEET

**Laboratory No.: QC2** **Item #1** **Analysis Date(s): 7/6/2022**

| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
|---|---|---|---|---|---|---|
| Sample Results (g/100cc) | 0.2034 | 0.2032 | 0.0002 | 0.2033 | 0.0021 | 0.2043 |
| | 0.2054 | 0.2055 | 0.0001 | 0.2054 | | |

**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%**

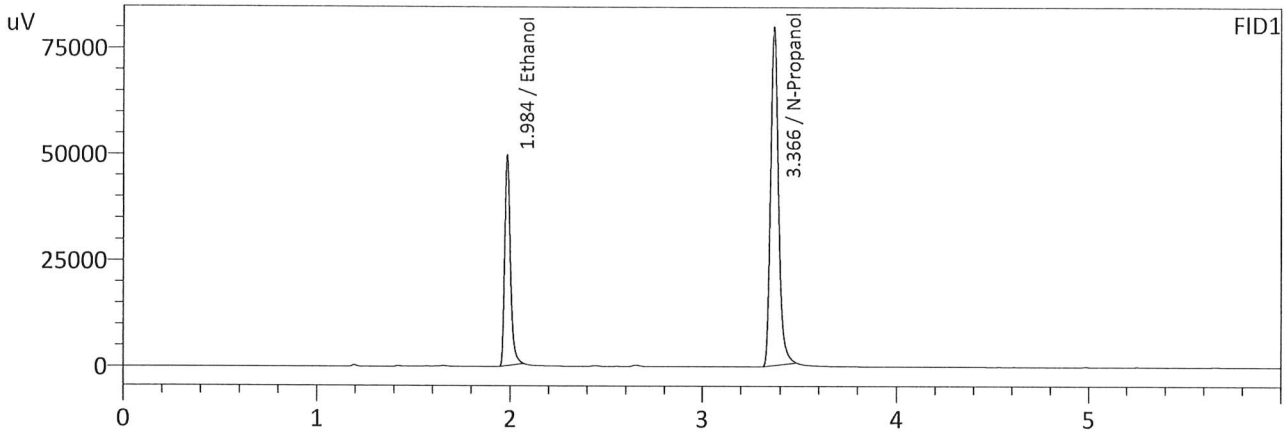
| Overall Mean (g/100cc) | Low | High | 5% of Mean |
|---|---|---|---|
| **0.204** | **0.193** | **0.215** | **0.011** |

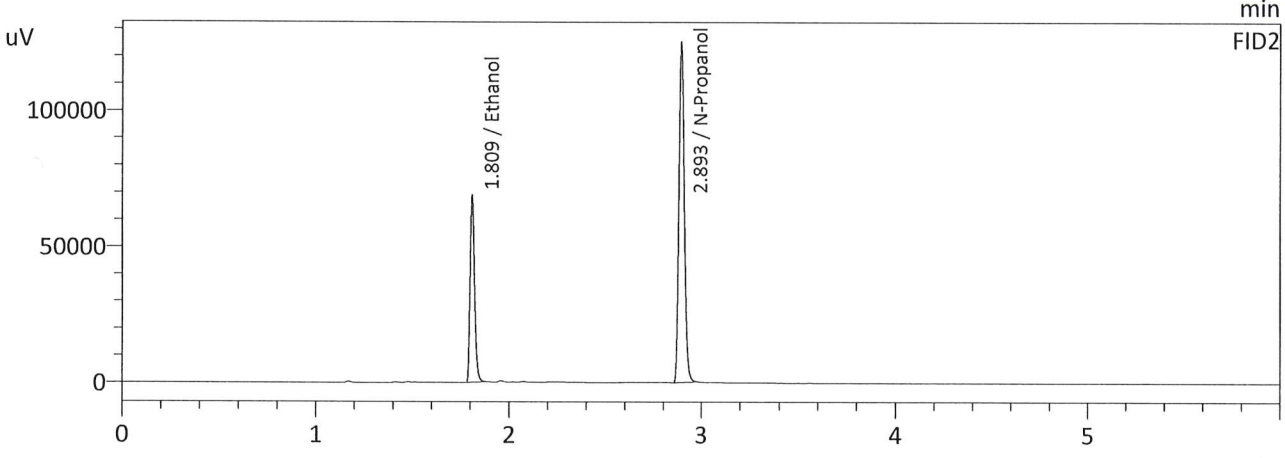
**Reported Result**

**0.204**

***Calibration and control data are stored centrally.***

Sample Name : QC-2-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 7/6/2022 2:42:47 PM
Vial # : 10
Method Filename : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181




FID1

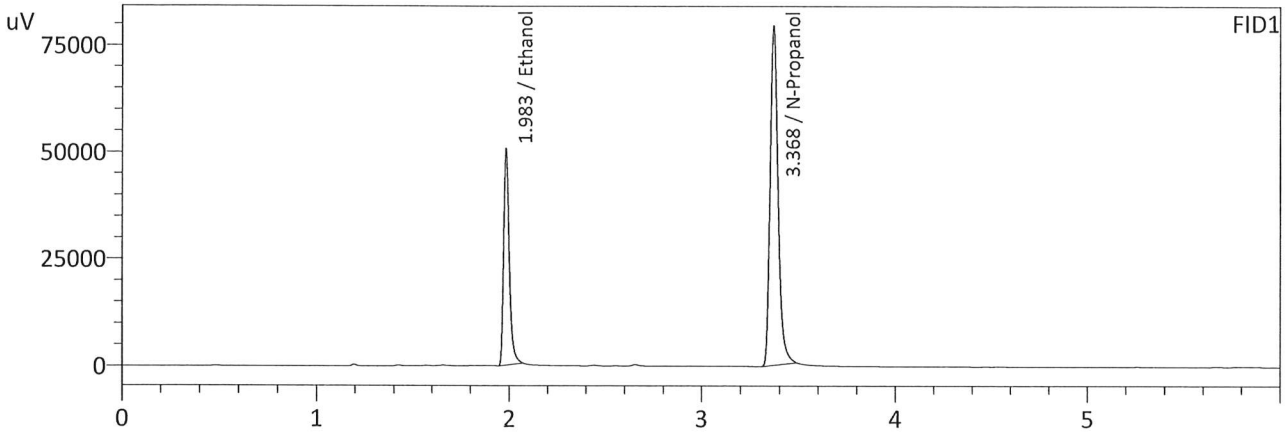
| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.2034 | 99334 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 224664 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

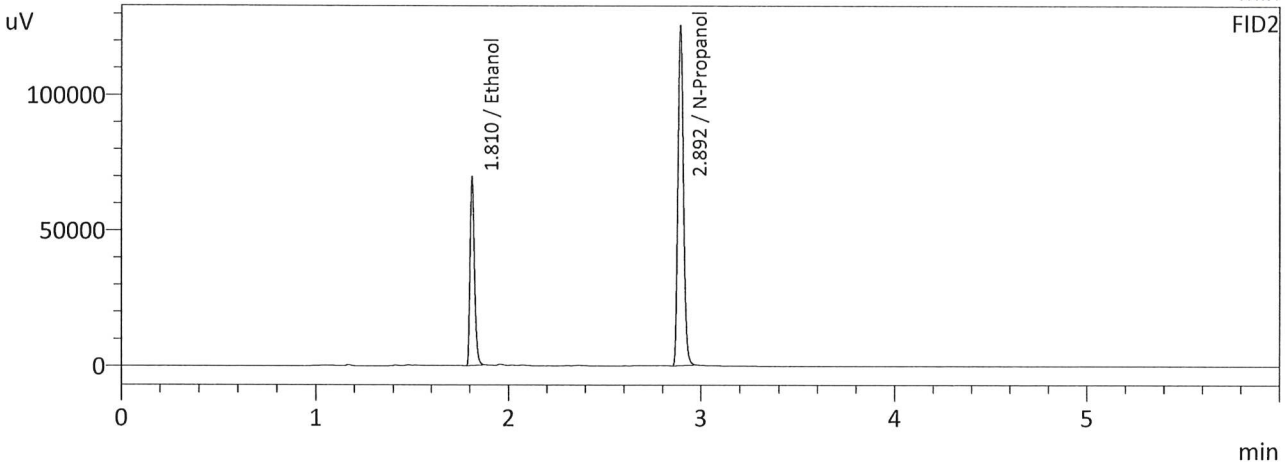
FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.2032 | 110437 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 250423 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

Sample Name : QC-2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 7/6/2022 2:53:16 PM
Vial # : 11
Method Filename : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181




FID1

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.2054 | 100600 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 225269 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.2055 | 111985 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 251022 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

# VOLATILES BAC CASEFILE WORKSHEET

**Laboratory No.: QC2** **Item #2** **Analysis Date(s): 7/6/2022**

| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
|---|---|---|---|---|---|---|
| Sample Results | 0.2173 | 0.2220 | 0.0047 | 0.2196 | 0.0011 | 0.2201 |
| (g/100cc) | 0.2179 | 0.2235 | 0.0056 | 0.2207 | | |

**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%**

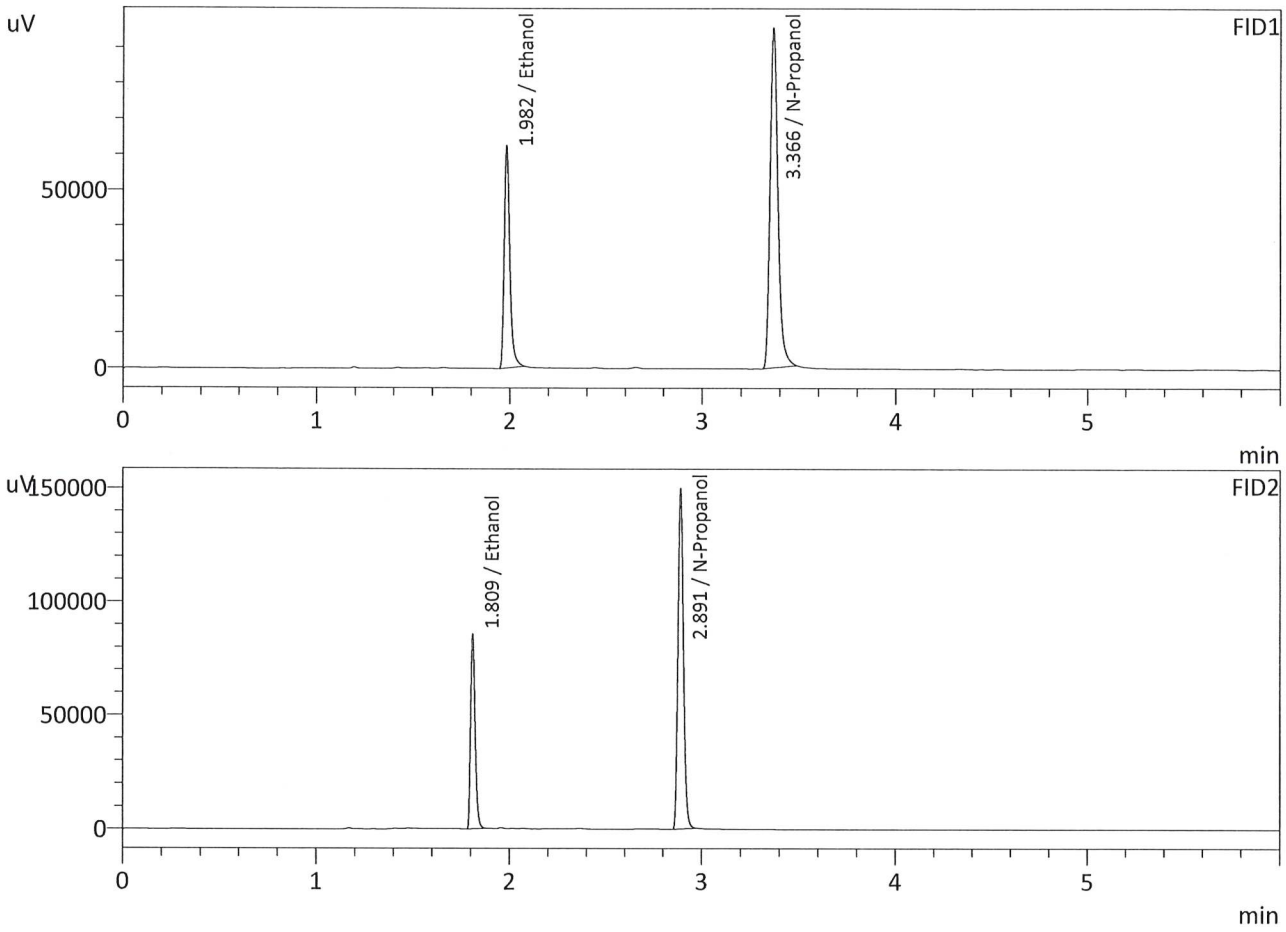
| Overall Mean (g/100cc) | Low | High | 5% of Mean |
|---|---|---|---|
| **0.220** | **0.209** | **0.231** | **0.011** |

**Reported Result**

**0.220**

***Calibration and control data are stored centrally.***

Sample Name : QC-2-2-A
Laboratory : Coeur d' Alene Lab
Injection Date : 7/6/2022 9:58:02 PM
Vial # : 54
Method Filename : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181




FID1

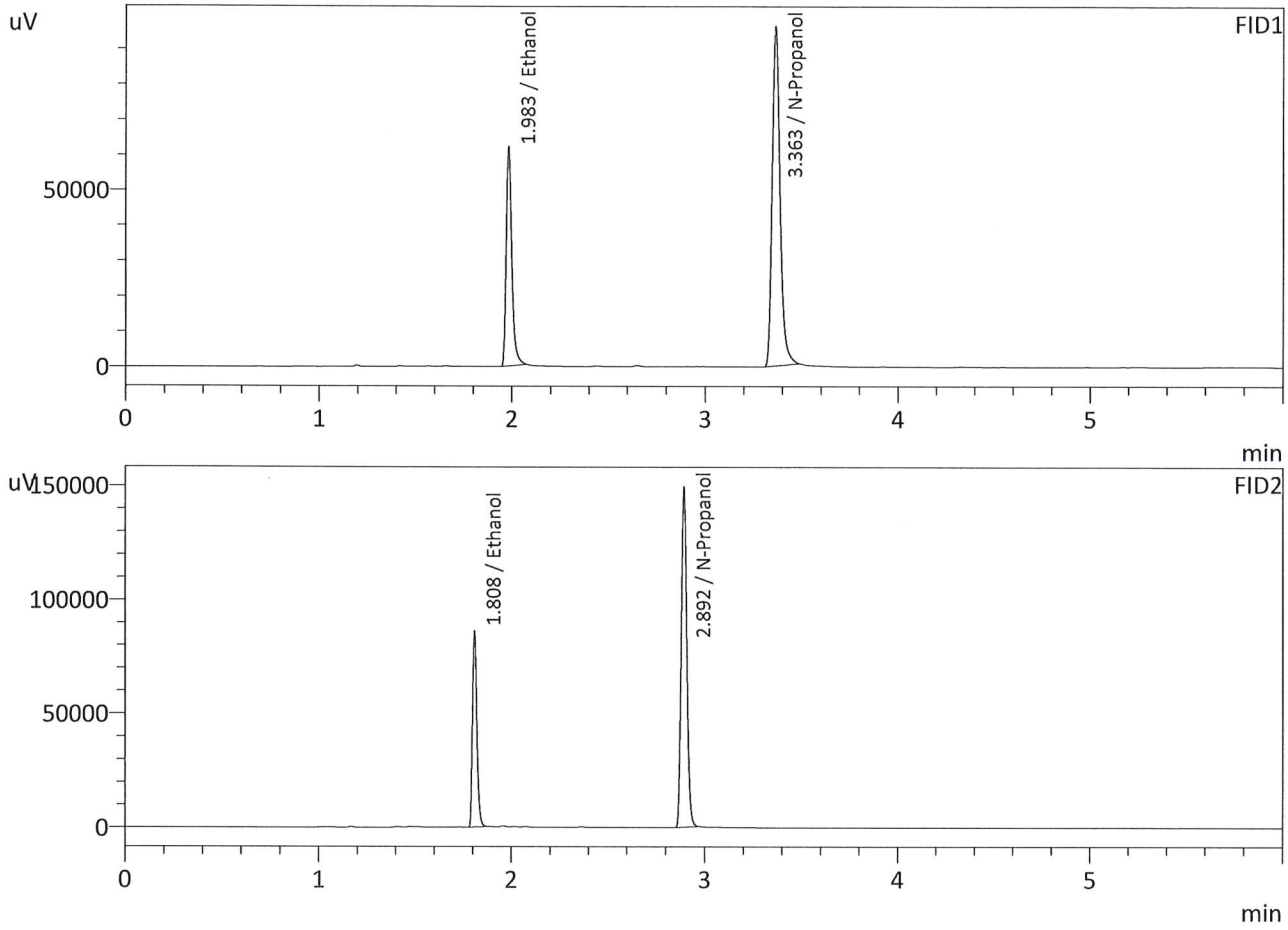
| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.2173 | 124410 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 270702 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.2220 | 137207 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 299037 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

99

| | |
|---|---|
| Sample Name | : QC-2-2-B |
| Laboratory | : Coeur d' Alene Lab |
| Injection Date | : 7/6/2022 10:08:31 PM |
| Vial # | : 55 |
| Method Filename | : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM |
| Instrument #GC/HS | : C12255850700 / C12595700181 |




FID1

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.2179 | 124538 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 270127 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.2235 | 137848 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 298416 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

# VOLATILES BAC CASEFILE WORKSHEET

**Laboratory No.: QC1** **Item #1** **Analysis Date(s): 7/6/2022**

| | Column 1 FID A | Column 2 FID B | Column Precision | Mean Value | Sample A-B Difference | Over-all Mean |
|---|---|---|---|---|---|---|
| Sample Results | 0.0781 | 0.0782 | 0.0001 | 0.0781 | 0.0005 | 0.0784 |
| (g/100cc) | 0.0784 | 0.0789 | 0.0005 | 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%**

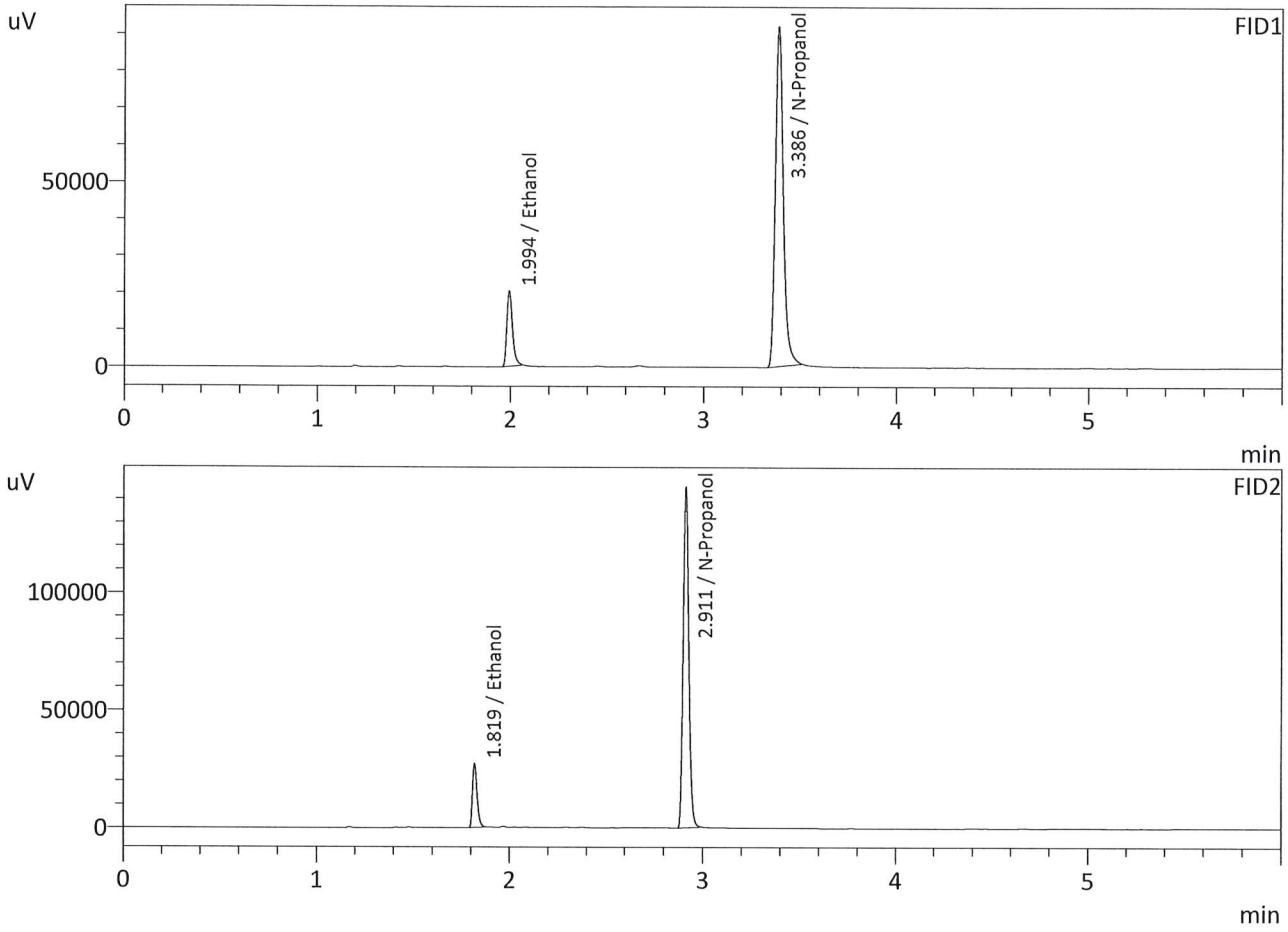
| Overall Mean (g/100cc) | Low | High | 5% of Mean |
|---|---|---|---|
| **0.078** | **0.074** | **0.082** | **0.004** |

**Reported Result**

**0.078**

***Calibration and control data are stored centrally.***

| | |
|---|---|
| Sample Name | : QC-1-1-A |
| Laboratory | : Coeur d' Alene Lab |
| Injection Date | : 7/6/2022 6:20:22 PM |
| Vial # | : 32 |
| Method Filename | : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM |
| Instrument #GC/HS | : C12255850700 / C12595700181 |



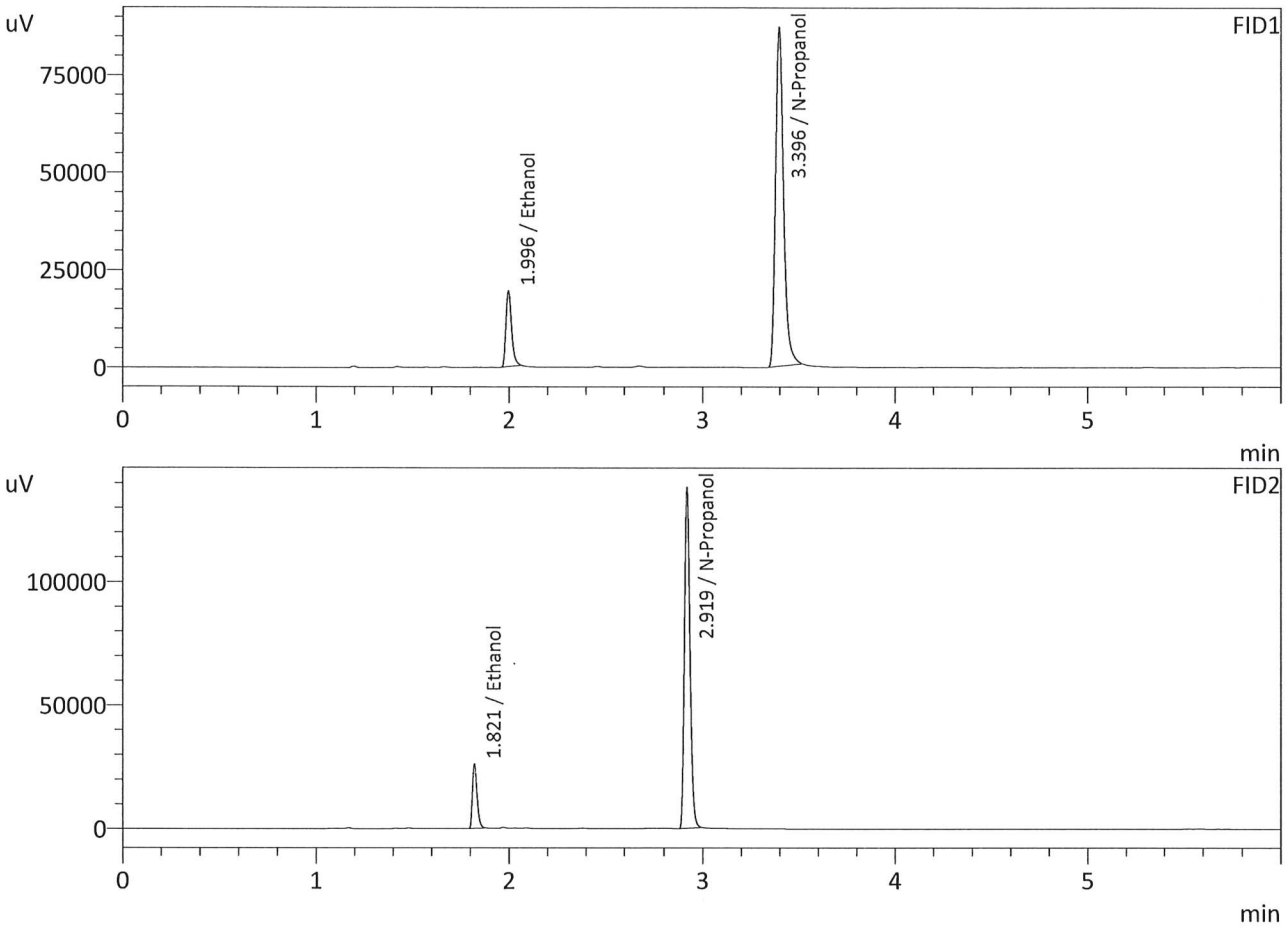

FID1

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0781 | 40879 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 262088 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0782 | 44941 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 290401 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

Sample Name : QC-1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 7/6/2022 6:30:51 PM
Vial # : 33
Method Filename : C:\LabSolutions\Data\7-6-22\ALCOHOL.GCM
Instrument #GC/HS : C12255850700 / C12595700181




FID1

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0784 | 38996 | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| Acetone | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 249107 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |

FID2

| Name | Conc. | Area | Unit |
|---|---|---|---|
| Methanol | -- | -- | g/100cc |
| Ethanol | 0.0789 | 43265 | g/100cc |
| Acetone | -- | -- | g/100cc |
| Isopropyl Alcohol | -- | -- | g/100cc |
| N-Propanol | 0.0000 | 276980 | g/100cc |
| Fluor. Hydrocarbon(s) | -- | -- | g/100cc |