

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/30/2021 SEQUENCE NAME 30Nov21

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN05311902 0.99993  
 Vial 3 0.20 calibrator Lot FN05101903  
 Vial 4 0.40 calibrator Lot FN10051906

**CALIBRATION VERIFICATION AND RESOLUTION TEST**

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 100421AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/2
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
40	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 11092018-A
41	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
42	Blood control	0.199 g/dL	0.205 g/dL	ACQ 4110320133/2
43	Blank	Not detected	Not detected	SPD lab 111020WB

**SUBJECT SAMPLES**

Subjects in the sequence 14 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.  
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 \_\_\_\_\_  
 \_\_\_\_\_

Run valid  Run invalid  Erika Comonica Analyst  
 Run valid  Run invalid  Philip Brooks Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

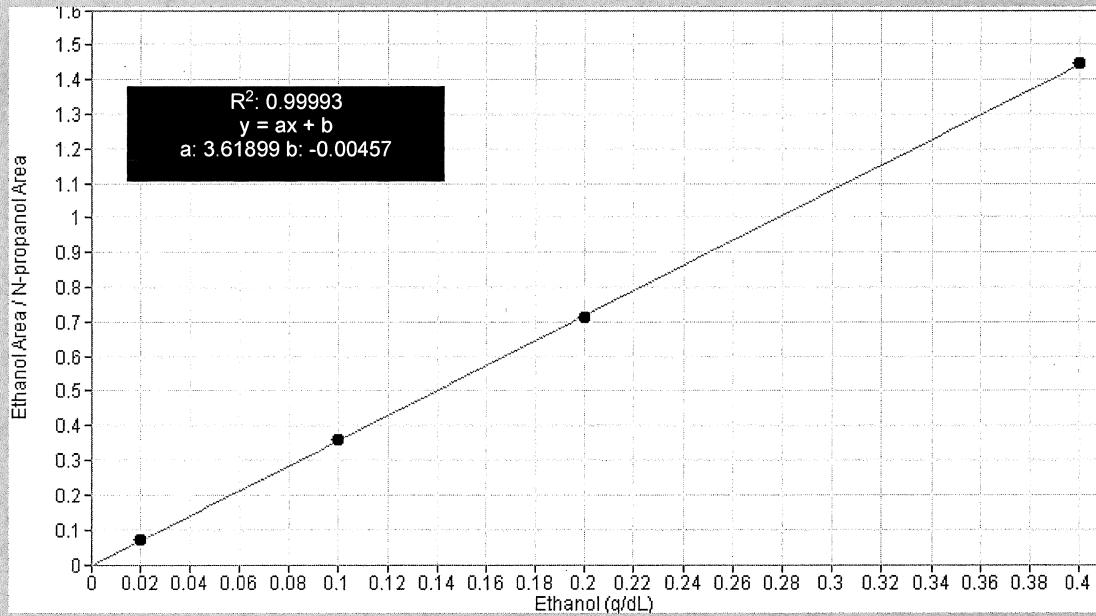
SEQUENCE NAME: 30Nov21

ANALYST: Canonico el

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 100421AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.401	0.400	0.25	0.001
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.199 4110320133/2	9	0.202	0.199	1.51	0.003
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.080 20012020-B	31	0.080	0.080	0.00	0.000
0.40 11092018-A	40	0.400	0.400	0.00	0.000
0.04 14082019-B	41	0.040	0.040	0.00	0.000
0.199 4110320133/2	42	0.205	0.199	3.02	0.006
blank 111020VB	43	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.576	166.663	0.070
0.100	60.244	167.307	0.360
0.200	117.923	165.631	0.712
0.400	237.199	164.051	1.446

### Calibration Line



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN06141806	<b>Vial:</b>	1
<b>Description:</b>	0.020 calibrator	<b>Sequence:</b>	30Nov21
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	11/30/2021 12:59:55 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Canonico <span style="float: right;">ec</span>
<b>Data file:</b>	C:\Chem32\1\Data\30Nov21\1.D		

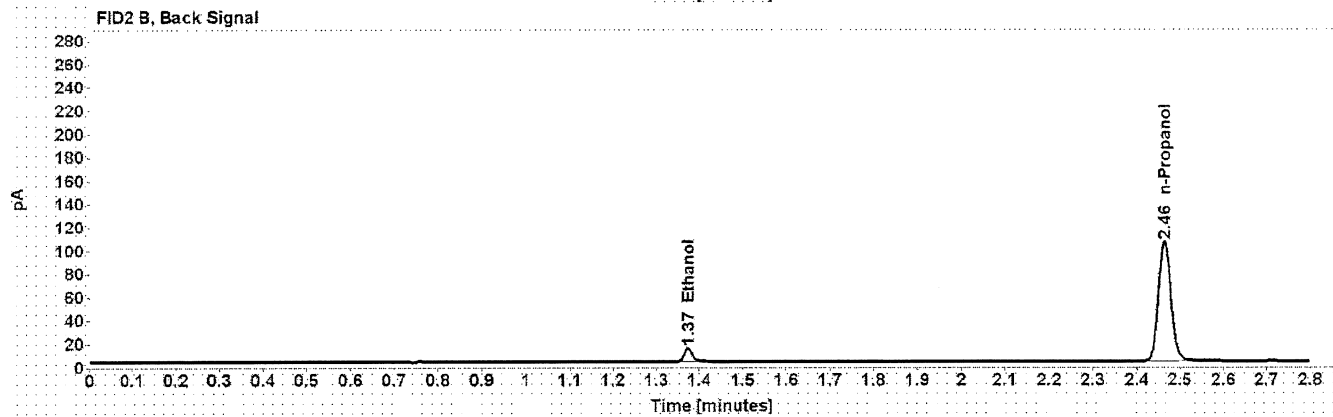
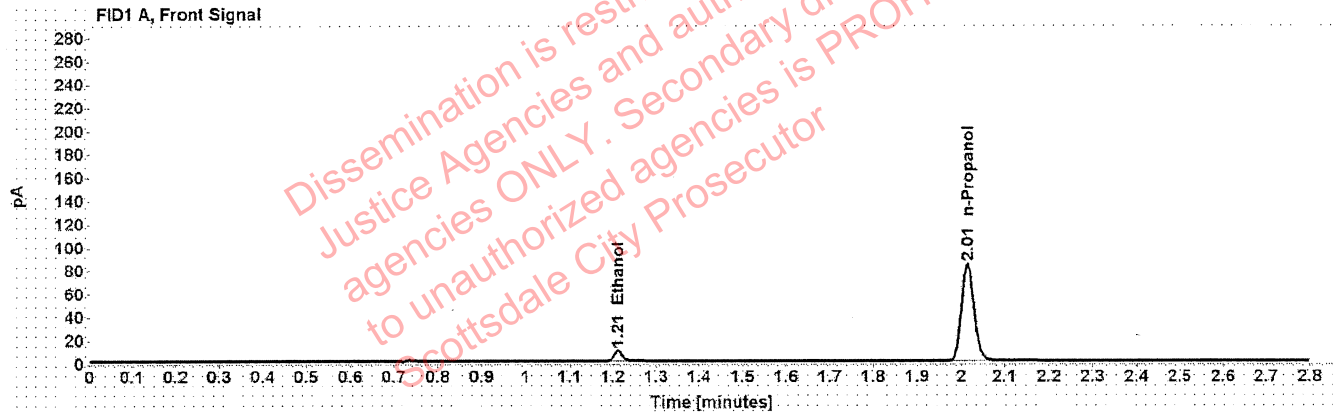


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.576
n-Propanol	2.015	166.663

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	14.424
n-Propanol	2.464	206.904

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN05311902	<b>Vial:</b>	2
<b>Description:</b>	0.100 calibrator	<b>Sequence:</b>	30Nov21
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	11/30/2021 1:03:57 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Canonico <span style="float: right;">ee</span>
<b>Data file:</b>	C:\Chem32\1\Data\30Nov21\2.D		

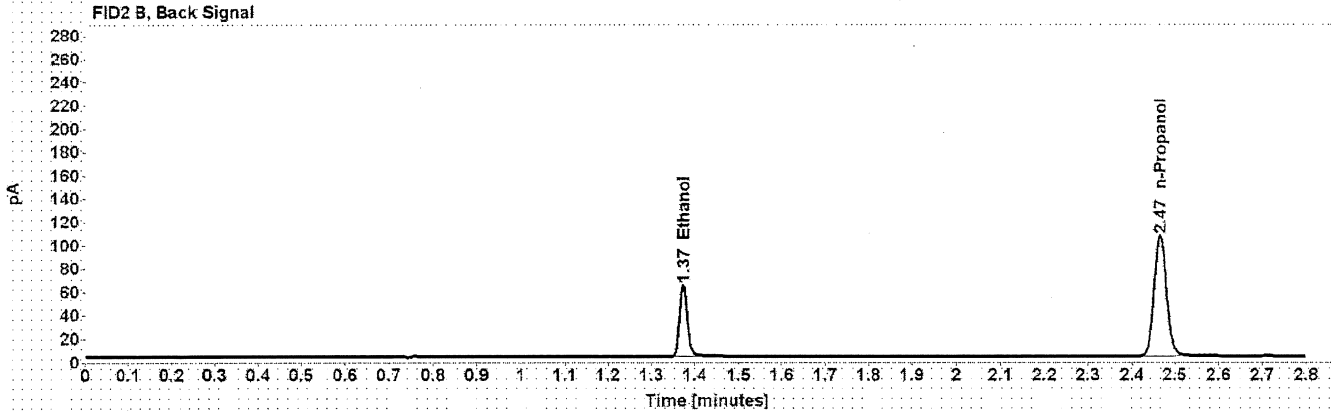
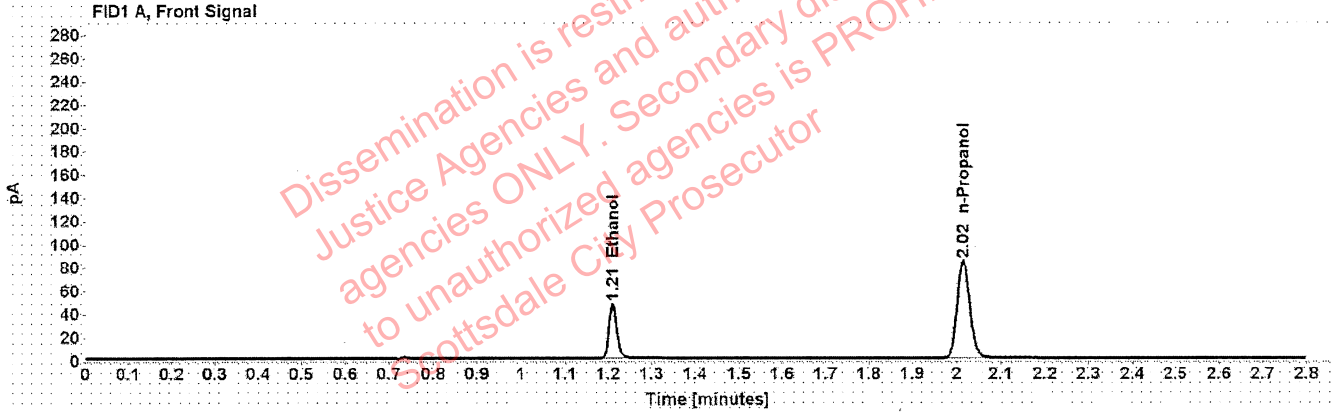


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	60.244
n-Propanol	2.015	167.307

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	75.252
n-Propanol	2.466	207.857

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05101903	Vial:	3
Description:	0.200 calibrator	Sequence:	30Nov21
Method:	ethanol quant.M	Injection date:	11/30/2021 1:07:55 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ec</i>
Data file:	C:\Chem32\1\Data\30Nov21\3.D		

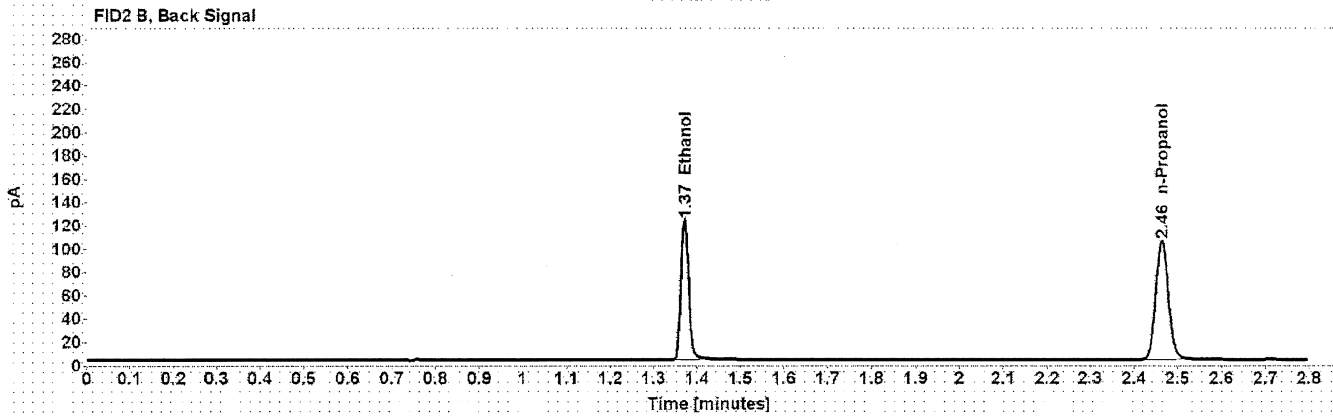
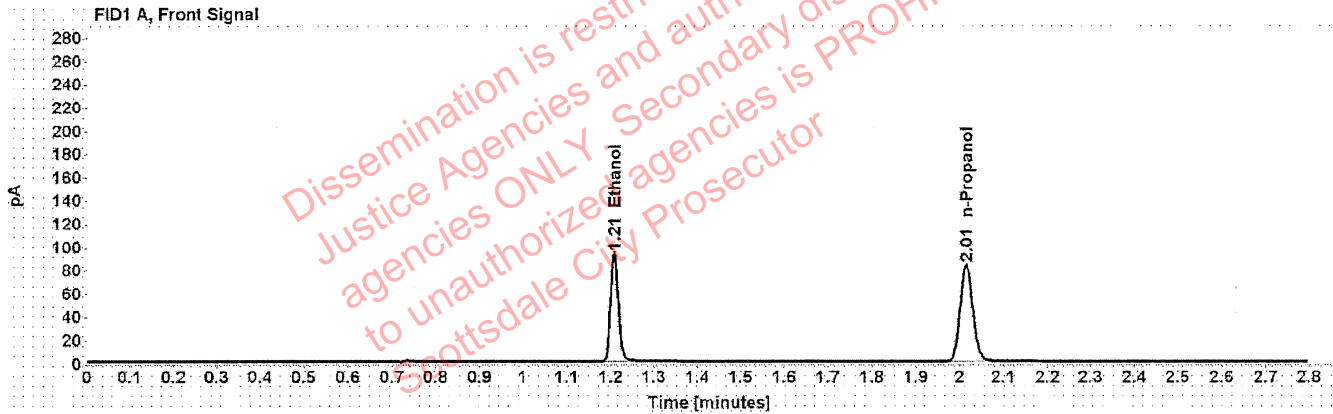


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	117.923
n-Propanol	2.014	165.631

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.371	147.953
n-Propanol	2.464	205.994

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN10051906	<b>Vial:</b>	4
<b>Description:</b>	0.400 calibrator	<b>Sequence:</b>	30Nov21
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	11/30/2021 1:11:55 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Canonico <span style="float: right;">EC</span>
<b>Data file:</b>	C:\Chem32\1\Data\30Nov21\4.D		

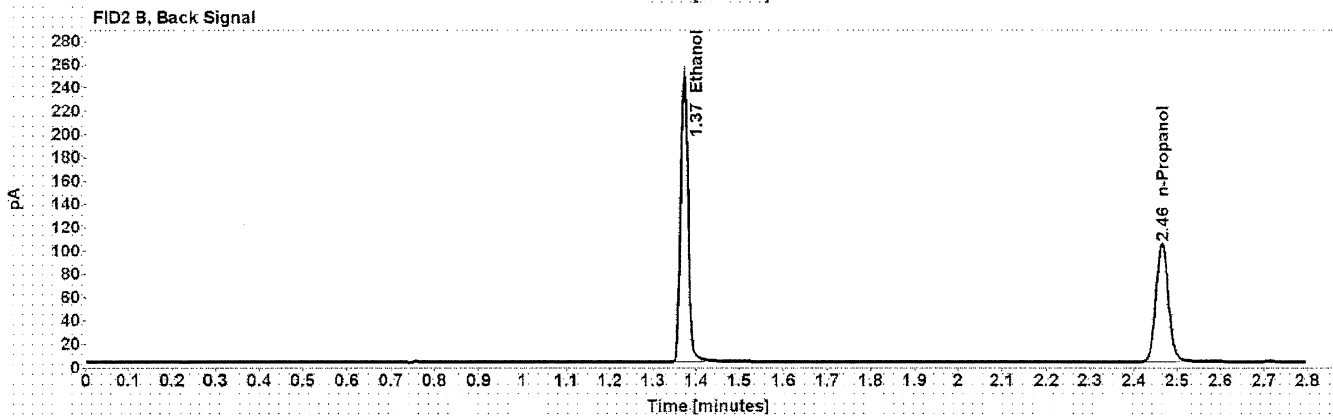
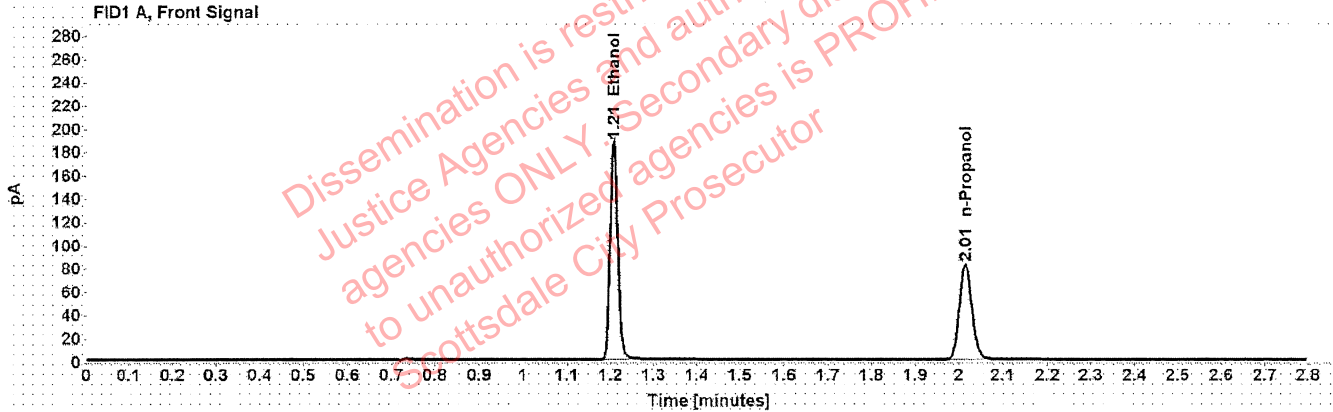


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	237.199
n-Propanol	2.015	164.051

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.372	298.267
n-Propanol	2.465	204.248

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	100421AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 1:15:56 PM
Data file:	C:\Chem32\1\Data\30Nov21\5.D	Analyst:	Canonico <i>ec</i>

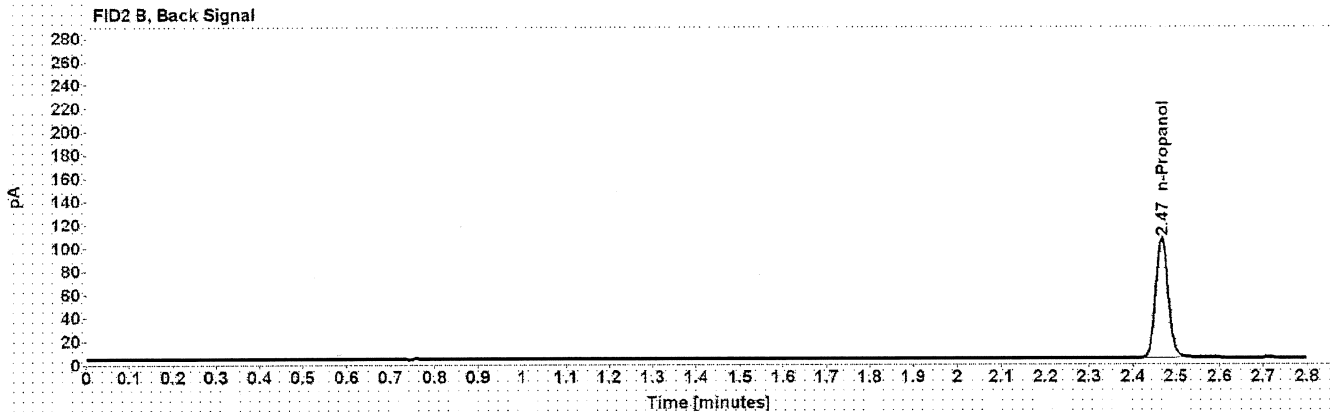
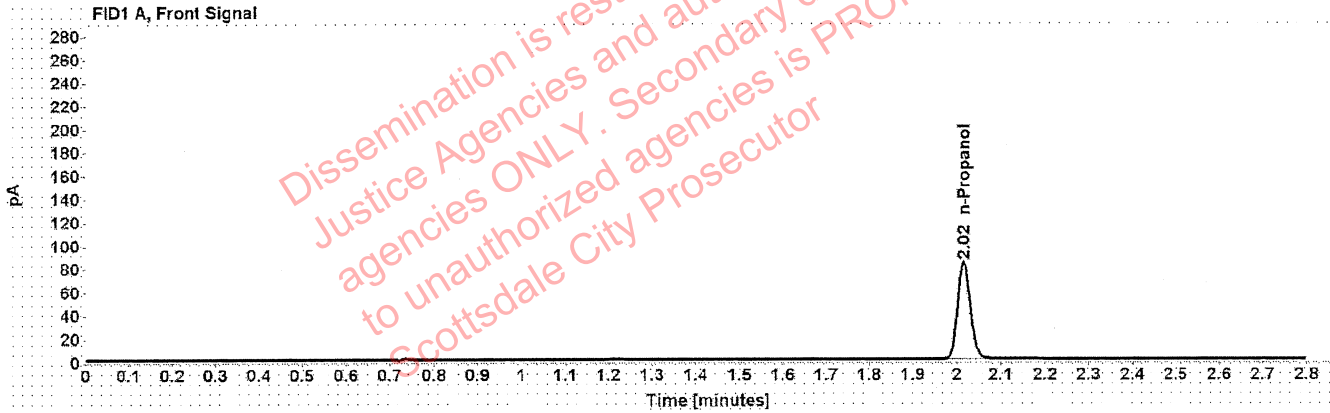


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	166.272

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.466	206.921

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 1:19:56 PM
Data file:	C:\Chem32\1\Data\30Nov21\6.D	Analyst:	Canonico <i>ec</i>

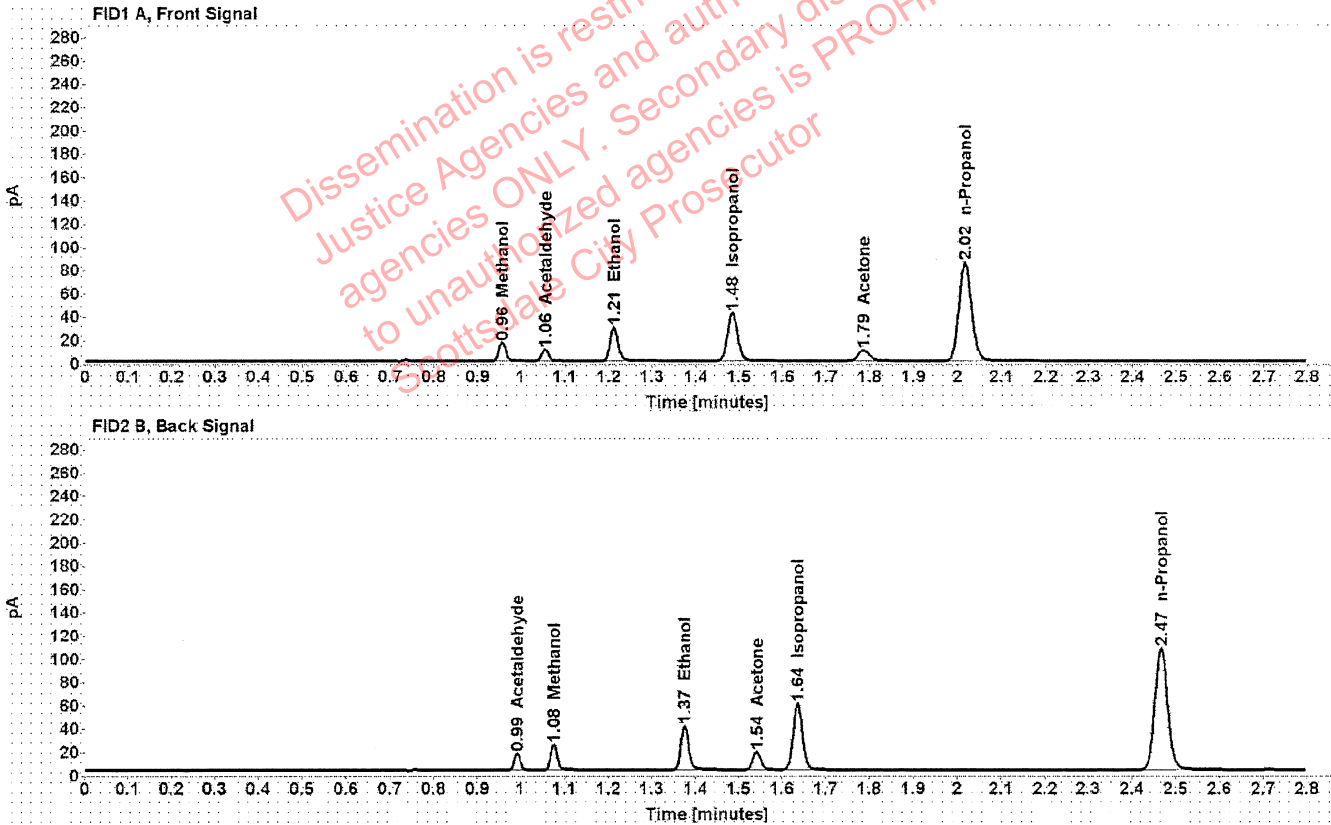


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	17.920
Acetaldehyde	-----	1.055	10.524
>Ethanol	0.0619	1.211	37.200
Isopropanol	-----	1.484	66.342
Acetone	-----	1.786	15.943
n-Propanol	-----	2.016	169.507

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	13.724
Methanol	1.076	23.155
Ethanol	1.375	46.494
Acetone	1.541	20.048
Isopropanol	1.636	85.287
n-Propanol	2.467	211.201



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 30Nov21
Instrument: US14173023 CN14160045	Injection date: 11/30/2021 1:24:11 PM
Data file: C:\Chem32\1\Data\30Nov21\7.D	Analyst: Canonico <span style="float: right;">82</span>

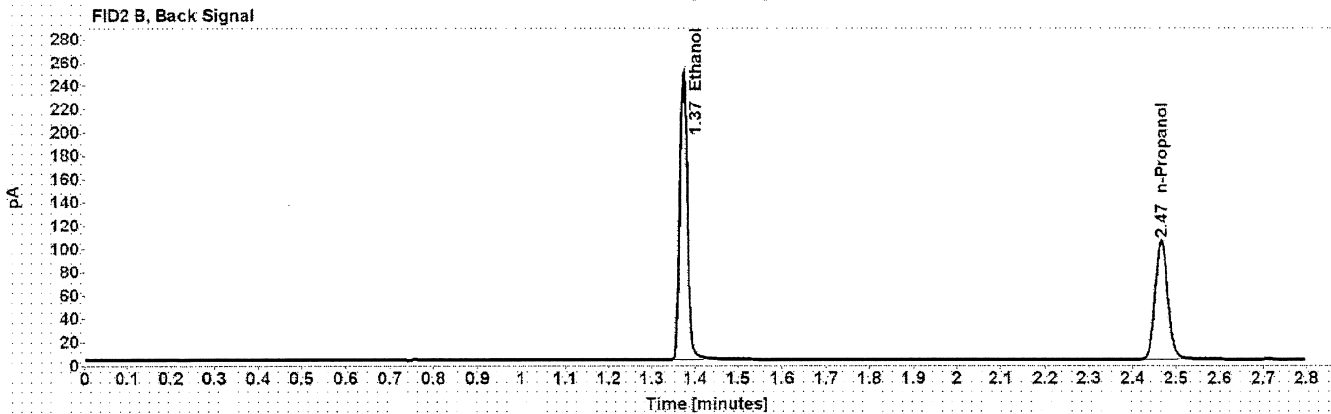
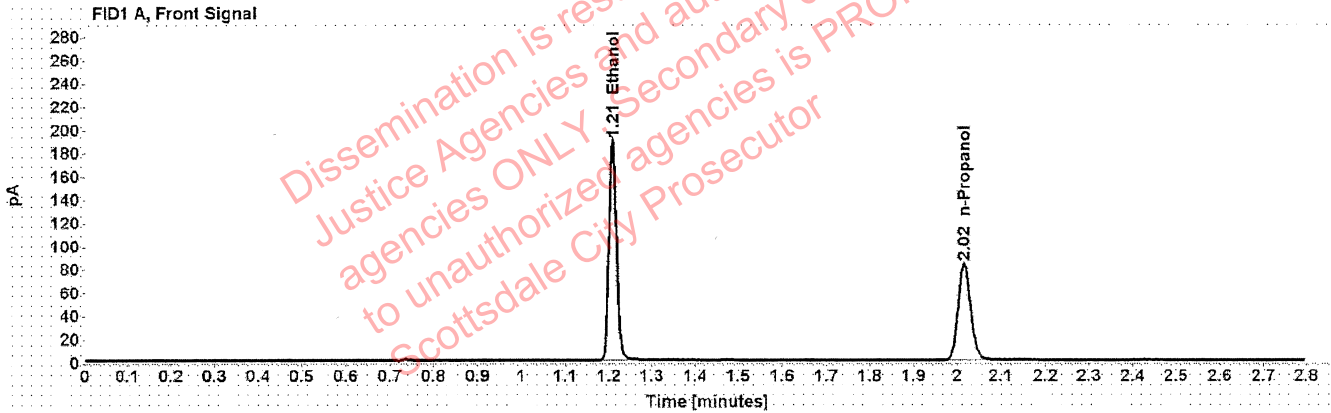


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4015	1.209	240.030
n-Propanol	-----	2.016	165.702

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	302.369
n-Propanol	2.466	206.786

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	14082019-B	<b>Vial:</b>	8
<b>Description:</b>	0.040	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	30Nov21
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	11/30/2021 1:28:12 PM
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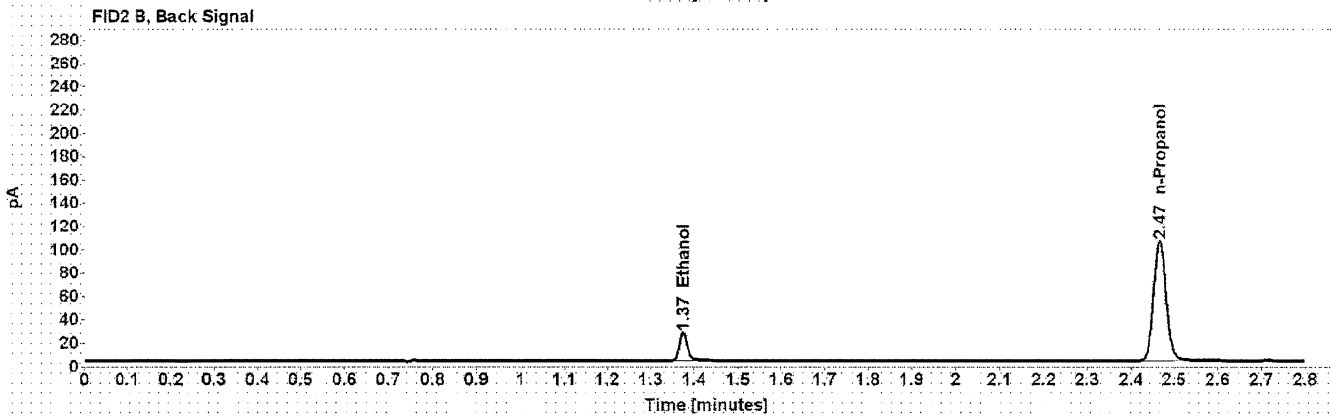
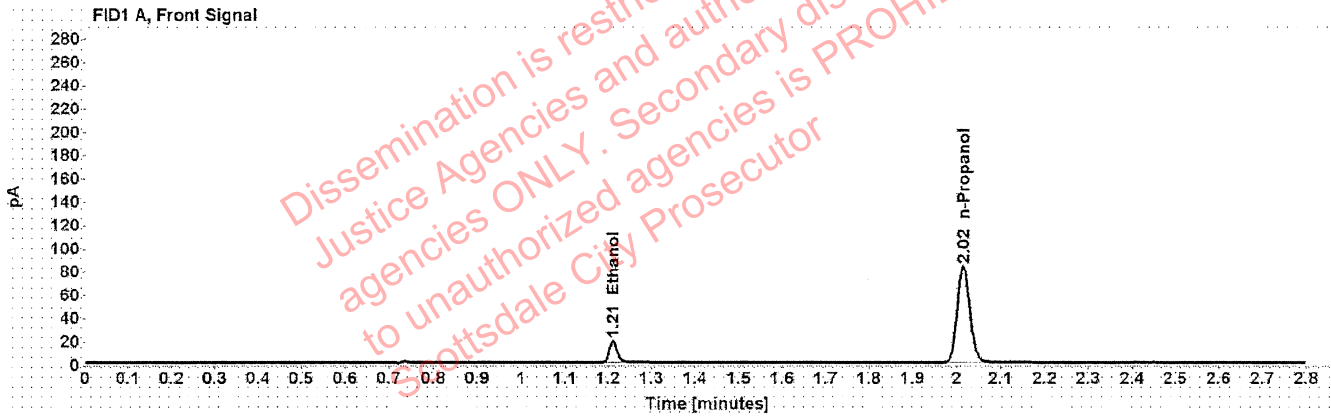


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.211	23.810
n-Propanol	-----	2.016	165.587

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	29.741
n-Propanol	2.466	206.826

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	4110320133/2	<b>Vial:</b>	9
<b>Description:</b>	0.199	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	30Nov21
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	11/30/2021 1:32:10 PM
<b>Data file:</b>	C:\Chem32\1\Data\30Nov21\9.D	<b>Analyst:</b>	Canonico <i>ec</i>

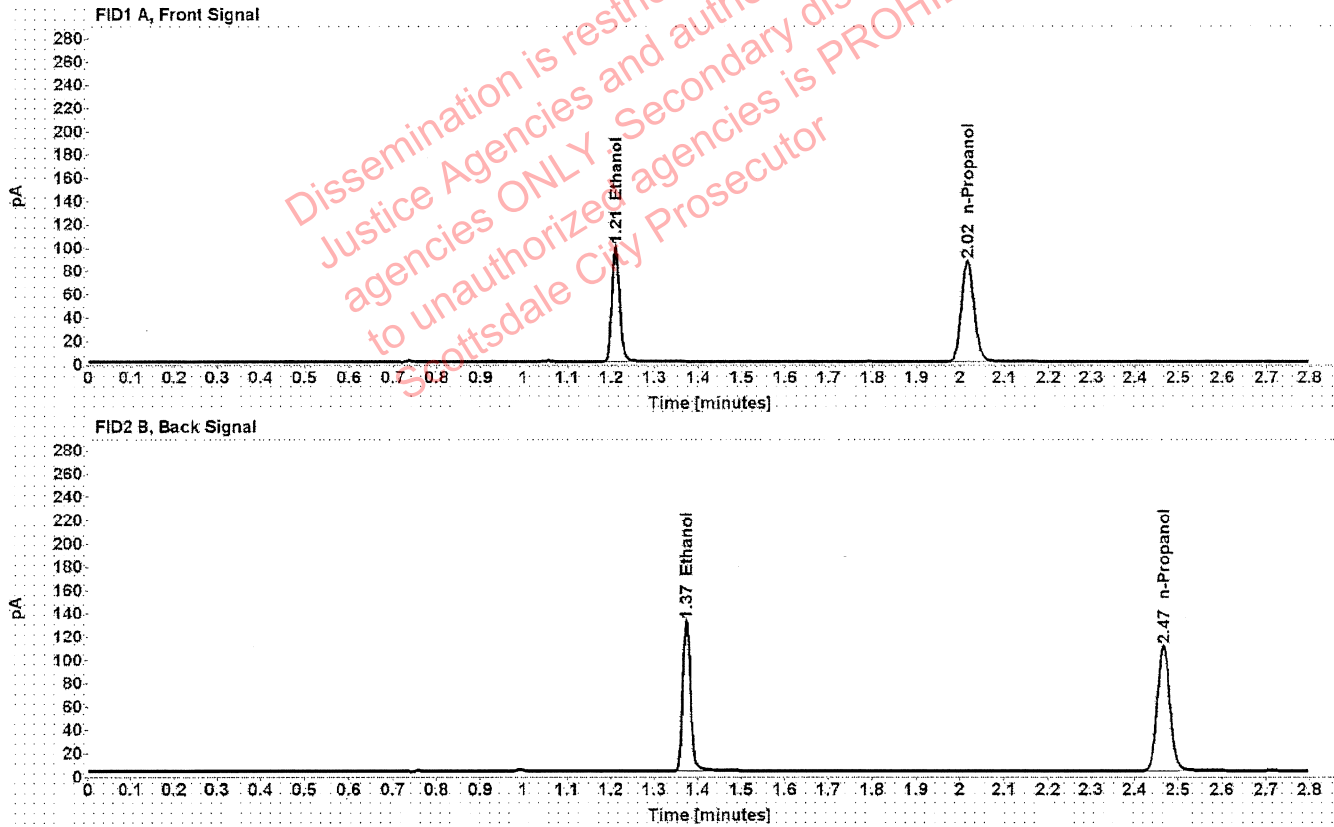


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2026	1.210	125.926
n-Propanol	-----	2.016	172.857

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	159.137
n-Propanol	2.467	216.119

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:16:40 PM
Data file:	C:\Chem32\1\Data\30Nov21\20.D	Analyst:	Canonico <span style="float: right;">80</span>

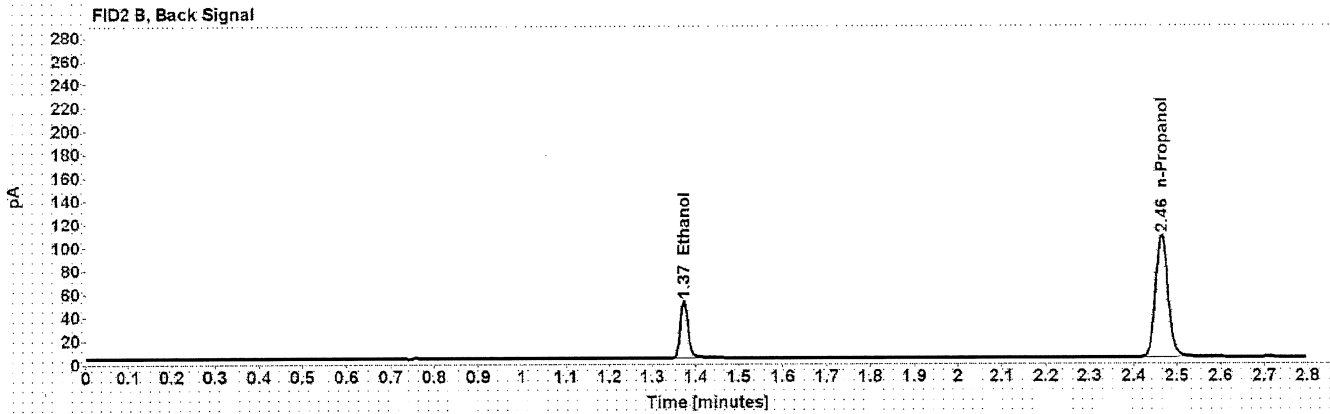
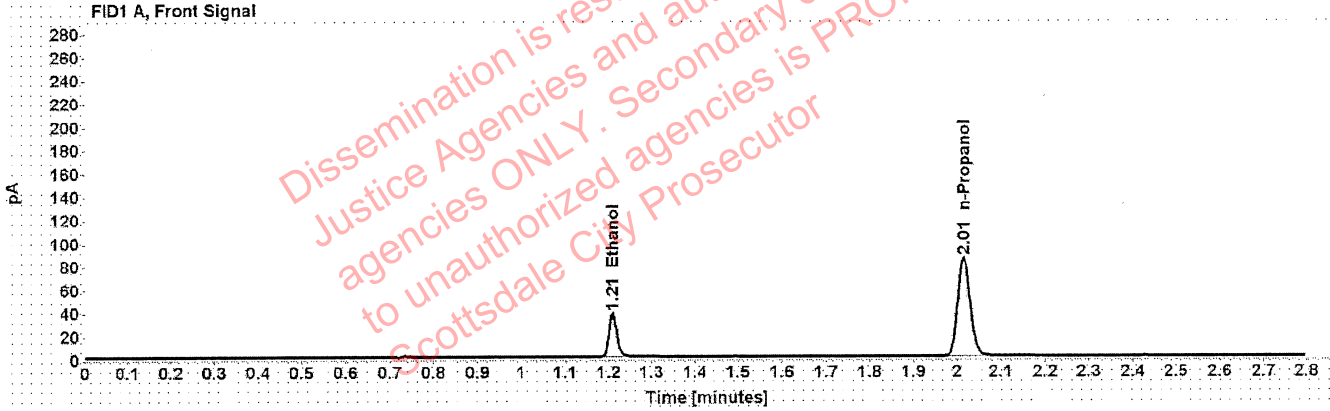


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0802	1.210	48.275
n-Propanol	-----	2.015	169.022

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.372	60.900
n-Propanol	2.465	211.746

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 3:01:11 PM
Data file:	C:\Chem32\1\Data\30Nov21\31.D	Analyst:	Canonico <i>80</i>

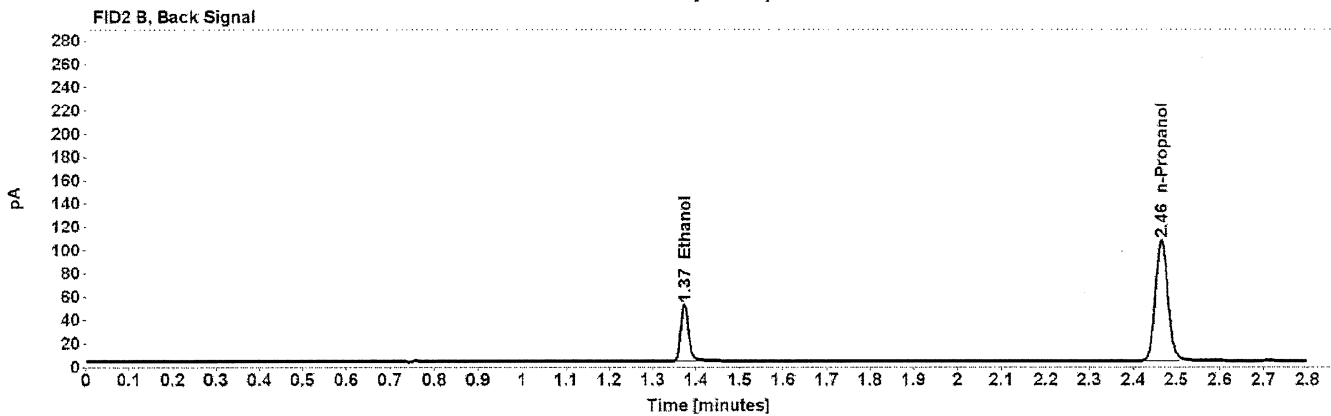
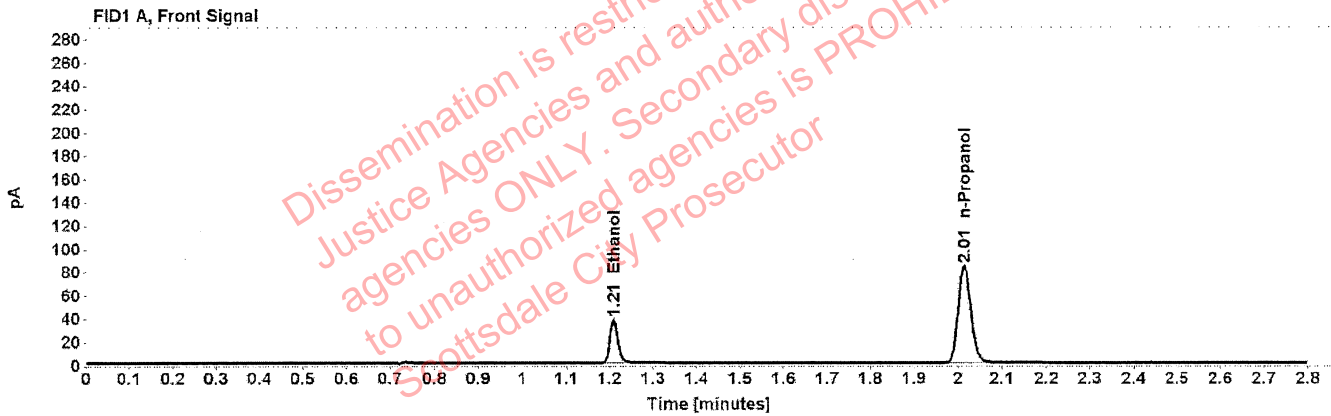


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0802	1.210	47.750
n-Propanol	-----	2.015	167.159

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	60.098
n-Propanol	2.465	209.834

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	40
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 3:37:26 PM
Data file:	C:\Chem32\1\Data\30Nov21\40.D	Analyst:	Canonico <i>ec</i>

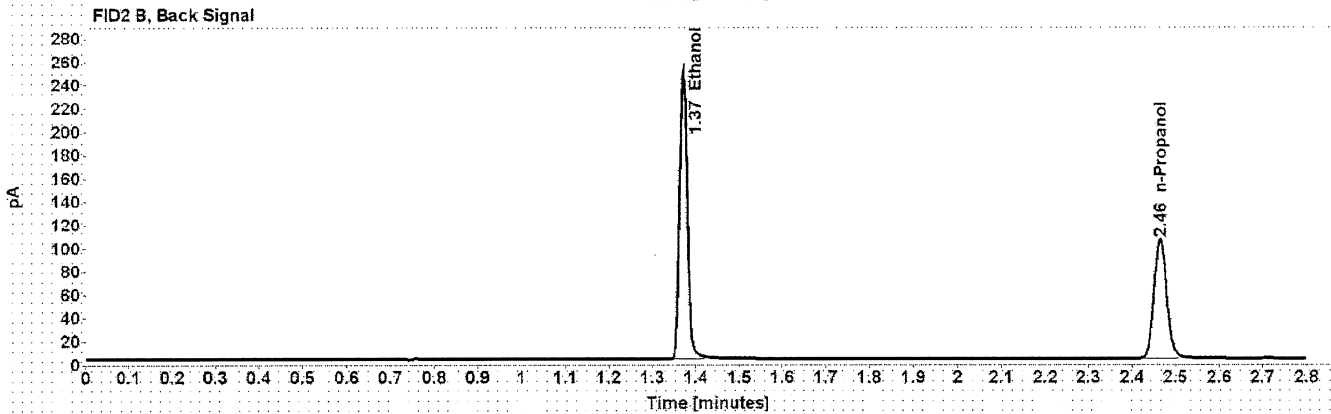
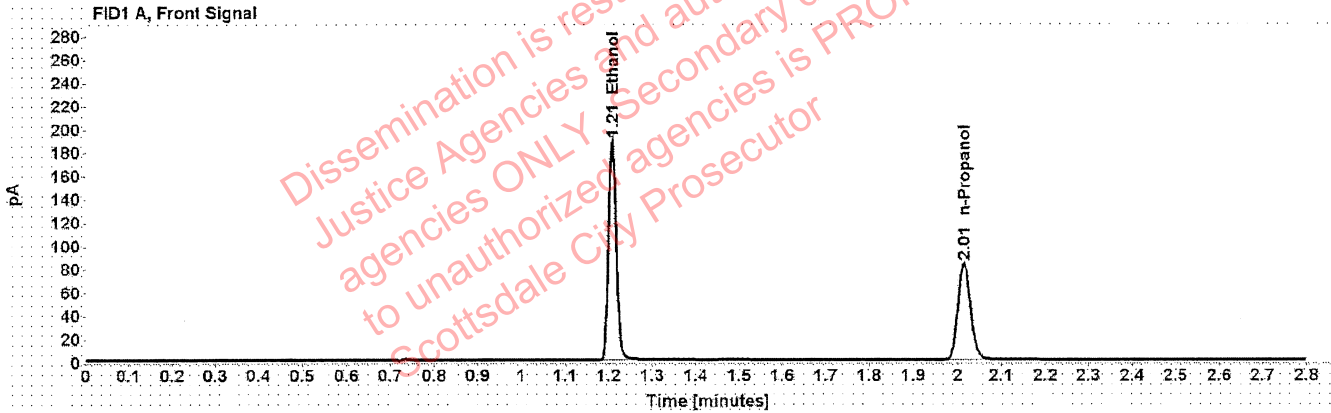


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4000	1.208	239.550
n-Propanol	-----	2.015	165.995

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.371	303.767
n-Propanol	2.464	208.273

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 41
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 30Nov21
Instrument: US14173023 CN14160045	Injection date: 11/30/2021 3:41:25 PM
Data file: C:\Chem32\1\Data\30Nov21\41.D	Analyst: Canonico <i>ec</i>

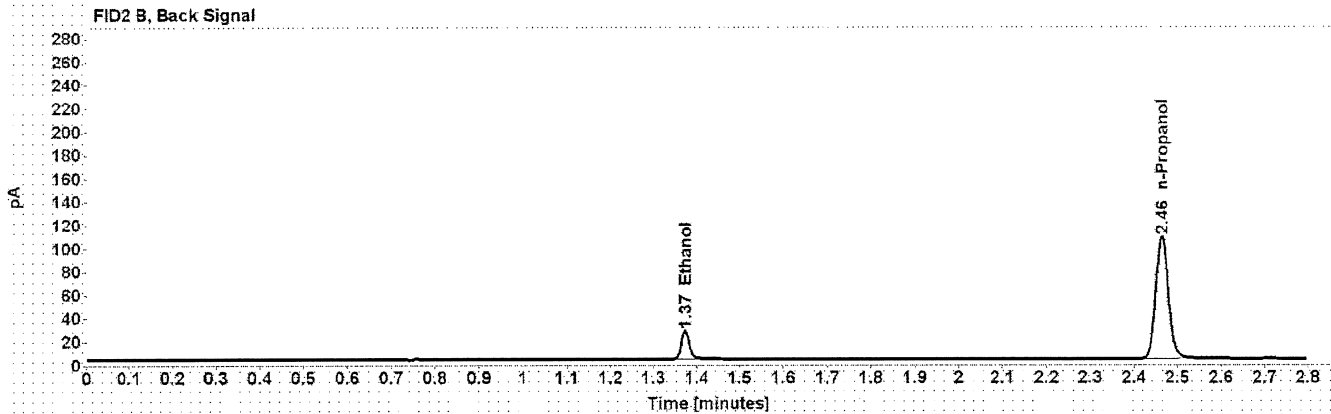
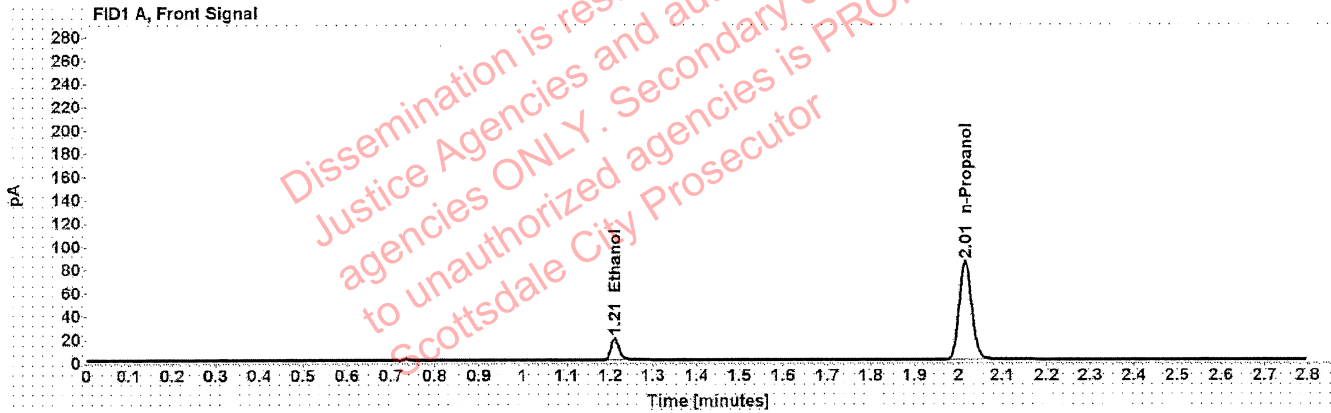


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.210	24.103
n-Propanol	-----	2.014	169.349

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	30.436
n-Propanol	2.464	212.523

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/2	Vial: 42
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 30Nov21
Instrument: US14173023 CN14160045	Injection date: 11/30/2021 3:45:25 PM
Data file: C:\Chem32\1\Data\30Nov21\42.D	Analyst: Canonico <i>EC</i>

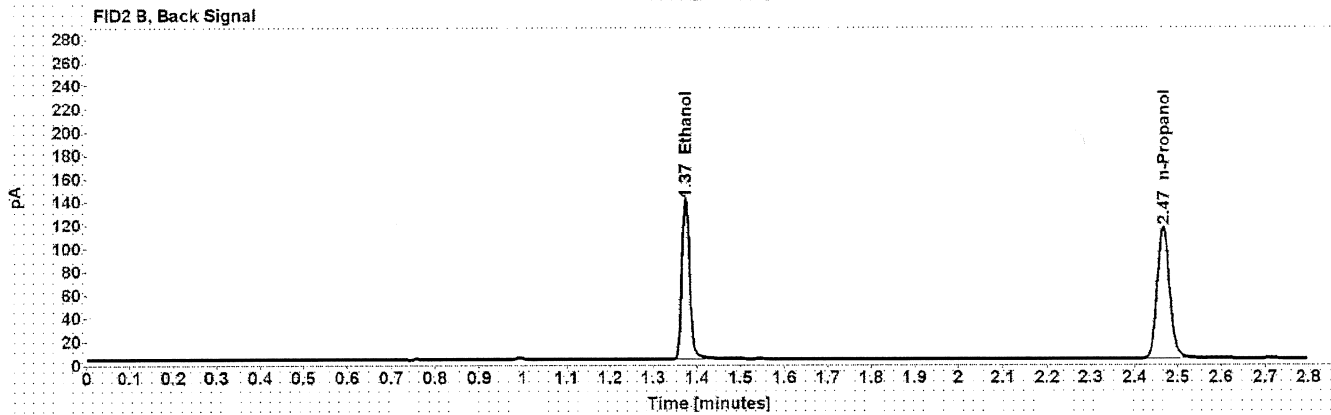
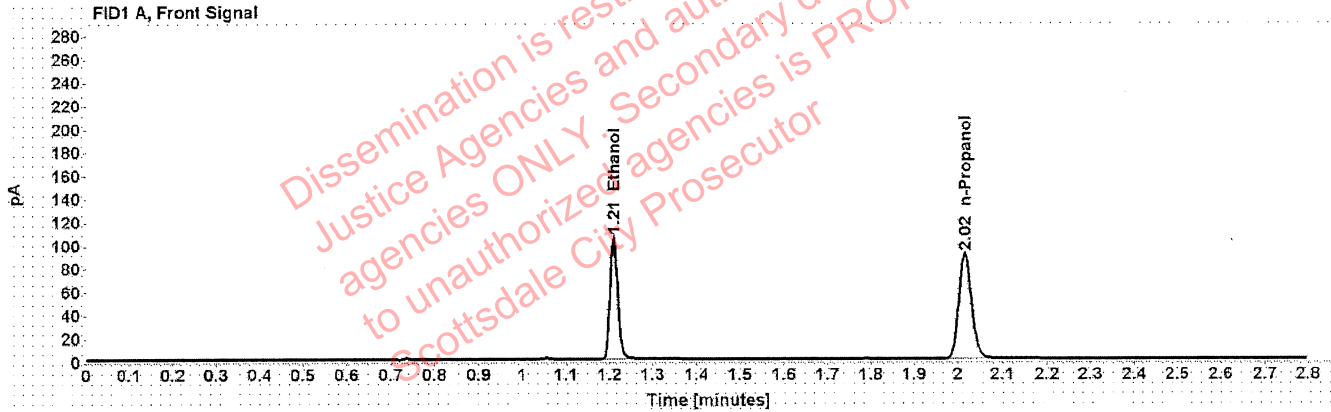


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2051	1.210	133.566
n-Propanol	-----	2.016	181.089

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	169.112
n-Propanol	2.467	227.408



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	43
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 3:49:40 PM
Data file:	C:\Chem32\1\Data\30Nov21\43.D	Analyst:	Canonico <i>EC</i>

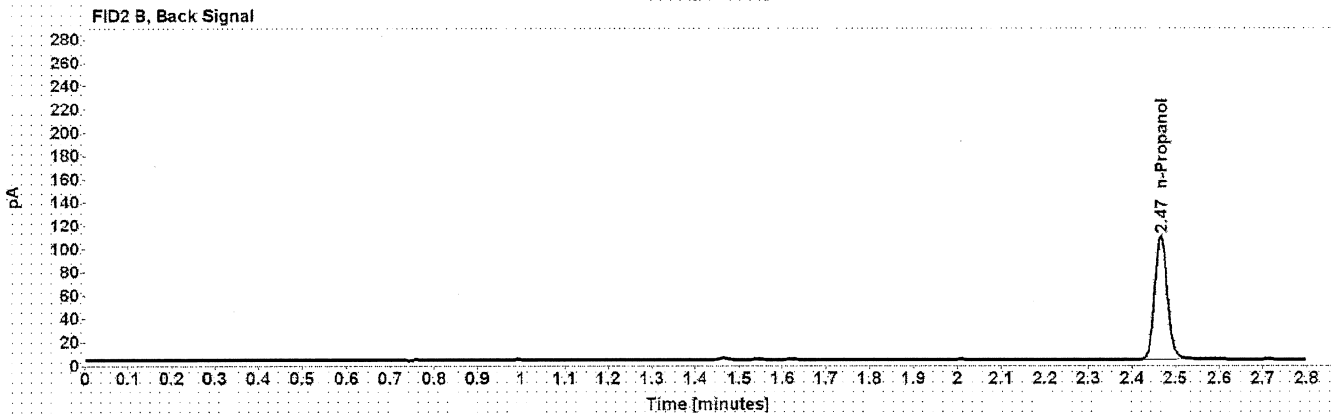
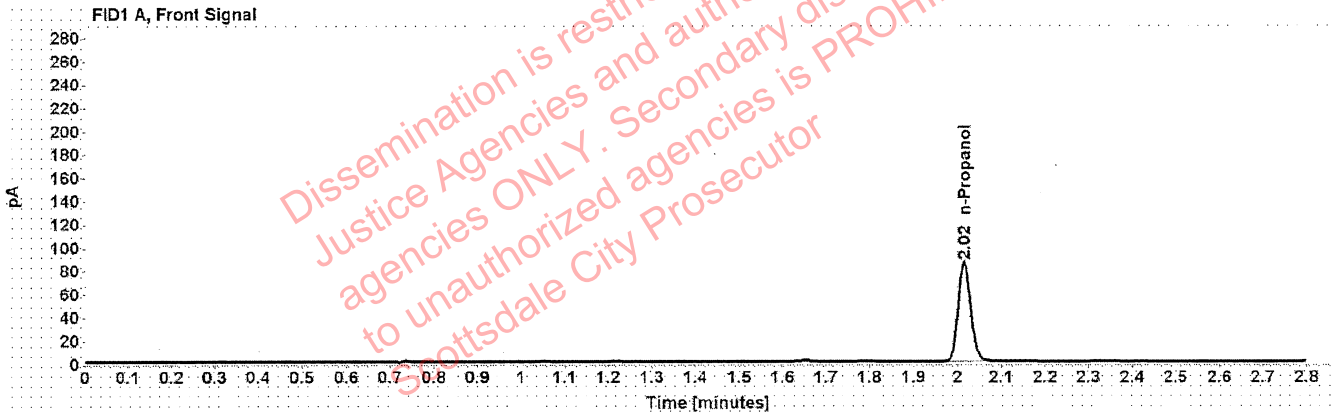


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	170.766

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.466	214.338

# Sequence Summary

Sequence name: 30Nov21      Instrument: US14173023 CN14160045      Analyst: Canonico *ee*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	100421AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/2	0.199	Control		ethanol quant.M
10	38001TN		Sample		ethanol quant.M
11	38001TN		Sample		ethanol quant.M
12	39301TW		Sample		ethanol quant.M
13	39301TW		Sample		ethanol quant.M
14	1397420		Sample		ethanol quant.M
15	1397420		Sample		ethanol quant.M
16	1398092		Sample		ethanol quant.M
17	1398092		Sample		ethanol quant.M
18	1398173		Sample		ethanol quant.M
19	1398173		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1397993		Sample		ethanol quant.M
22	1397993		Sample		ethanol quant.M
23	1398101		Sample		ethanol quant.M
24	1398101		Sample		ethanol quant.M
25	1398187		Sample		ethanol quant.M
26	1398187		Sample		ethanol quant.M
27	1398193		Sample		ethanol quant.M
28	1398193		Sample		ethanol quant.M
29	1398495		Sample		ethanol quant.M
30	1398495		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1398389		Sample		ethanol quant.M
33	1398389		Sample		ethanol quant.M
34	1398578		Sample		ethanol quant.M
35	1398578		Sample		ethanol quant.M
36	1396445		Sample		ethanol quant.M
37	1396445		Sample		ethanol quant.M
38	1398310		Sample		ethanol quant.M
39	1398310		Sample		ethanol quant.M
40	11092018-A	0.400	Control		ethanol quant.M
41	14082019-B	0.040	Control		ethanol quant.M
42	4110320133/2	0.199	Control		ethanol quant.M
43	111020WB	Negative	Control		ethanol quant.M

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 30Nov21

ANALYST: Canonico

ee

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2147	0.2139	0.21430	0.19	0.00040
12 13	0.1712	0.1744	0.17280	0.93	0.00160
14 15	0.1397	0.1401	0.13990	0.14	0.00020
16 17	0.2027	0.2006	0.20165	0.52	0.00105
18 19	0.2912	0.2940	0.29260	0.48	0.00140
21 22	0.1967	0.2000	0.19835	0.83	0.00165
23 24	0.2425	0.2410	0.24175	0.31	0.00075
25 26	0.3285	0.3268	0.32765	0.26	0.00085
27 28	0.1589	0.1584	0.15865	0.16	0.00025
29 30	0.2023	0.2030	0.20265	0.17	0.00035
32 33	0.3143	0.3155	0.31490	0.19	0.00060
34 35	0.2386	0.2381	0.23835	0.10	0.00025
36 37	0.2371	0.2395	0.23830	0.50	0.00120
38 39	0.0729	0.0723	0.07260	0.41	0.00030

\*Calculated differences are differences from the mean of the two results.



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38001TN	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 1:36:10 PM
Data file:	C:\Chem32\1\Data\30Nov21\10.D	Analyst:	Canonico

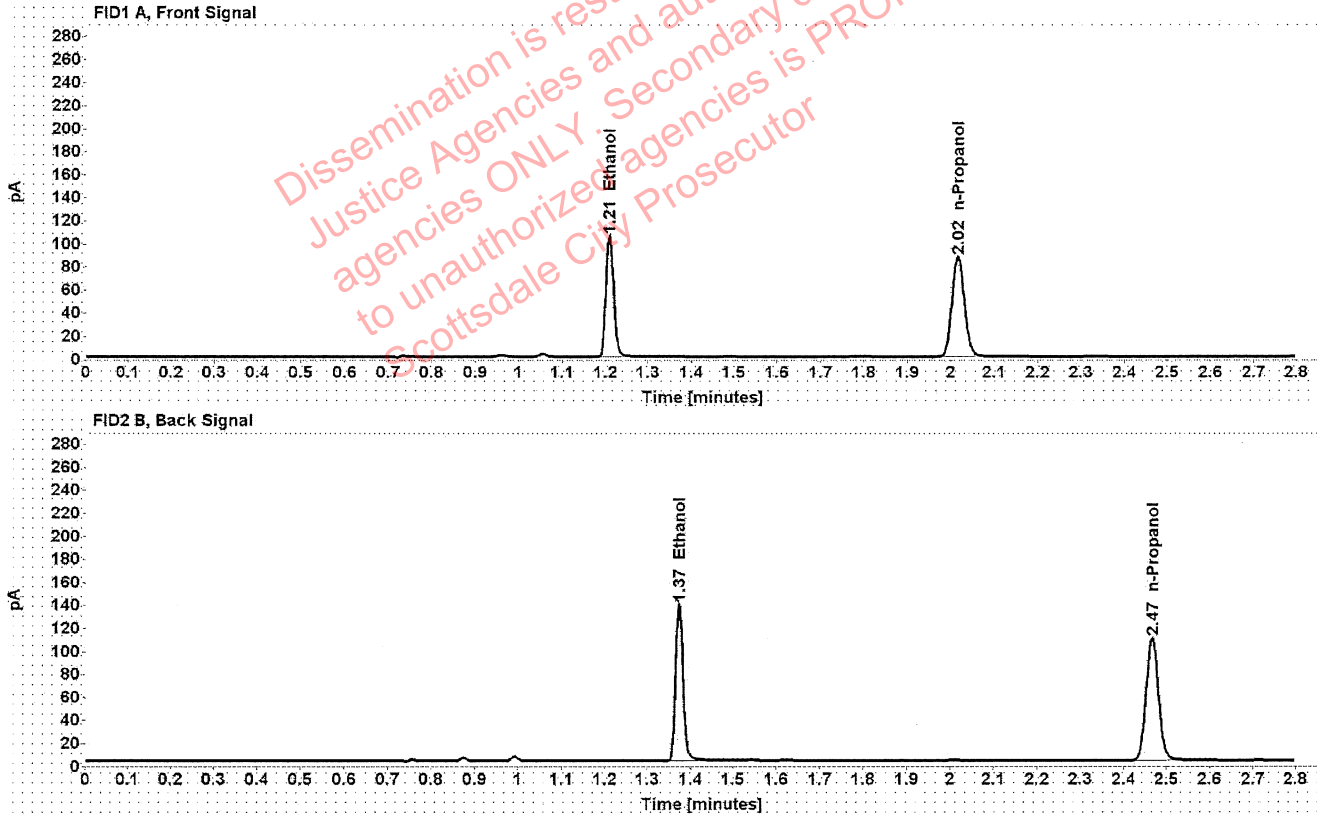


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2147	1.210	133.017
n-Propanol	-----	2.016	172.177

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	167.583
n-Propanol	2.466	215.381

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38001TN	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 1:40:12 PM
Data file:	C:\Chem32\1\Data\30Nov21\11.D	Analyst:	Canonico

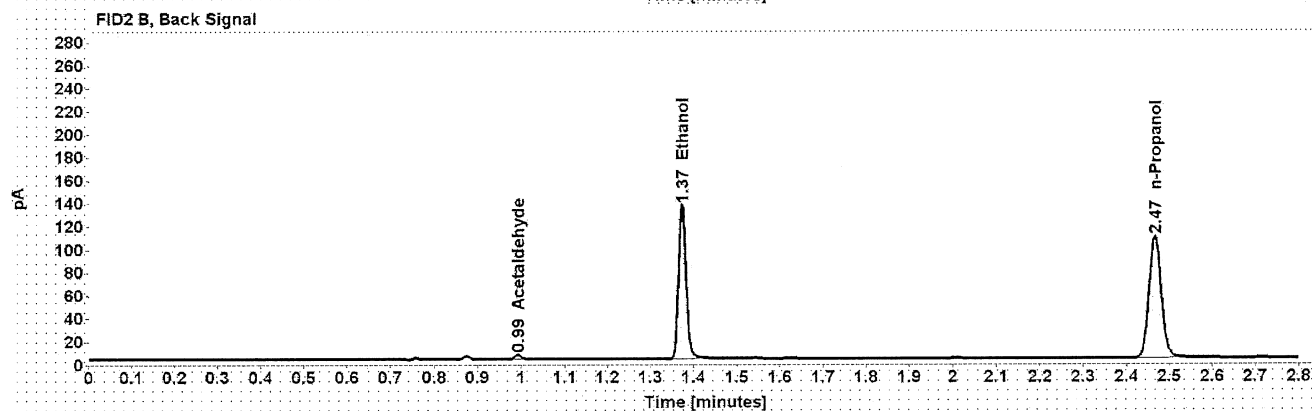
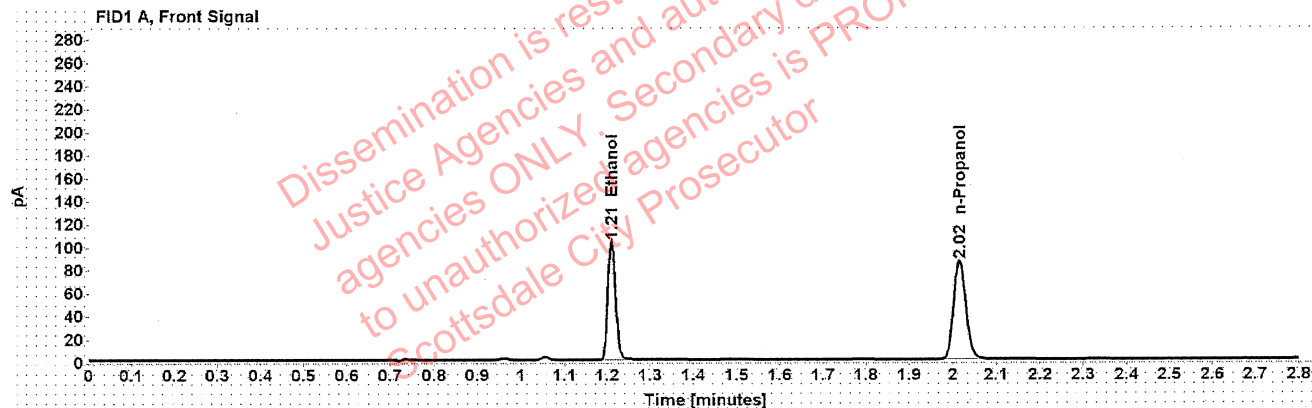


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2139	1.210	130.810
n-Propanol	-----	2.016	169.963

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.902
Ethanol	1.374	164.326
n-Propanol	2.466	212.775

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39301TW	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 1:44:10 PM
Data file:	C:\Chem32\1\Data\30Nov21\12.D	Analyst:	Canonico

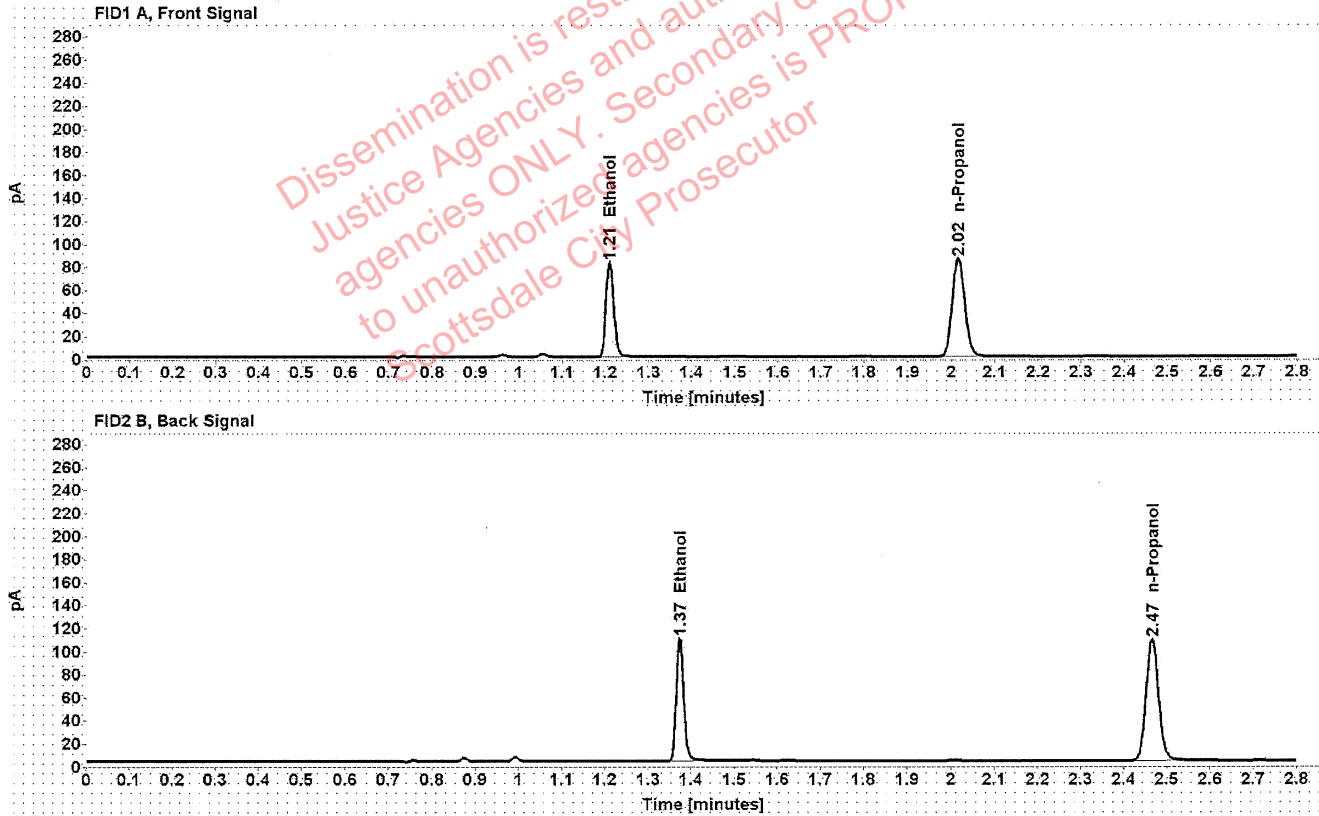


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1712	1.210	104.712
n-Propanol	-----	2.016	170.263

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	131.343
n-Propanol	2.466	213.373

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39301TW	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 1:48:27 PM
Data file:	C:\Chem32\1\Data\30Nov21\13.D	Analyst:	Canonico

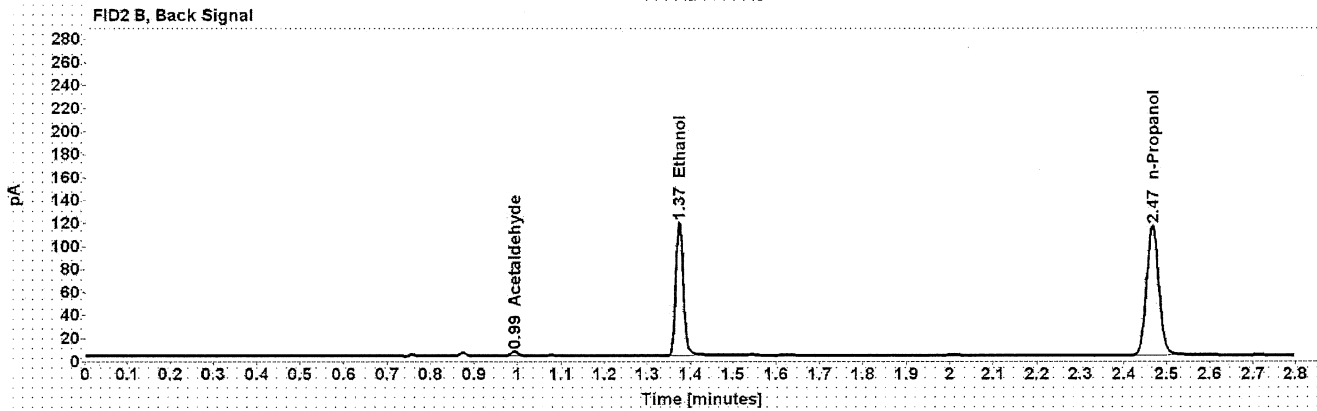
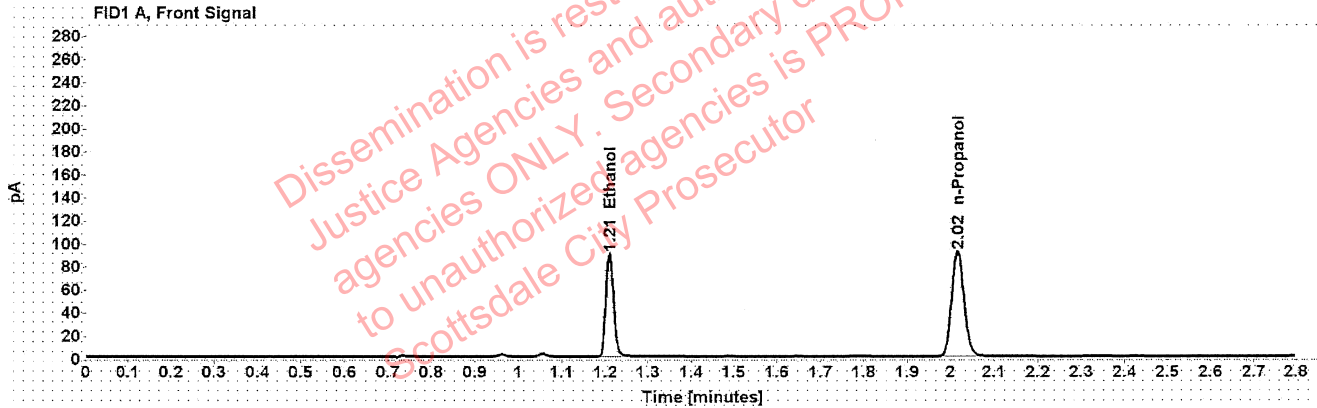


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1744	1.210	113.778
n-Propanol	-----	2.016	181.611

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.843
Ethanol	1.374	142.996
n-Propanol	2.467	227.600



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397420	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 1:52:25 PM
Data file:	C:\Chem32\1\Data\30Nov21\14.D	Analyst:	Canonico

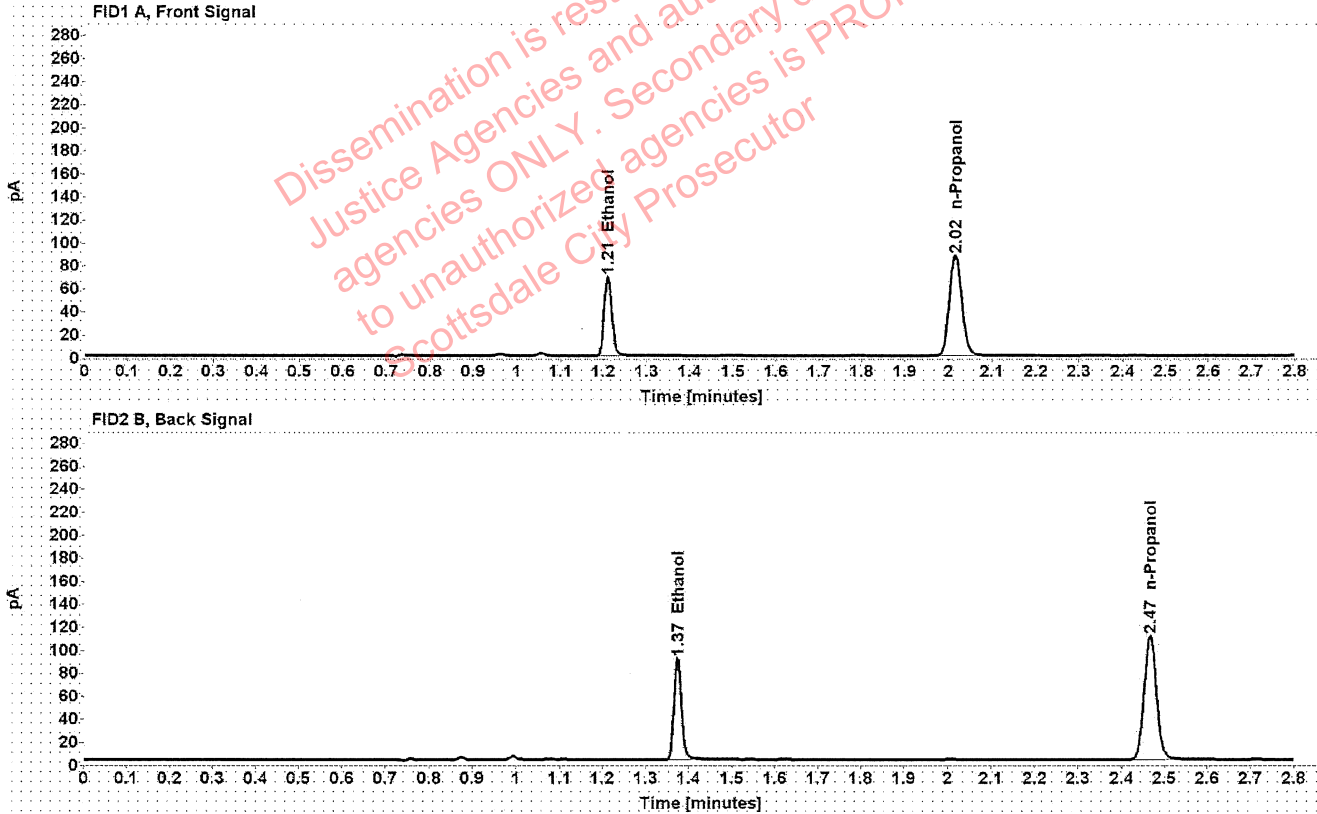


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1397	1.210	87.055
n-Propanol	-----	2.016	173.816

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	109.481
n-Propanol	2.466	217.458

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397420	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 1:56:25 PM
Data file:	C:\Chem32\1\Data\30Nov21\15.D	Analyst:	Canonico

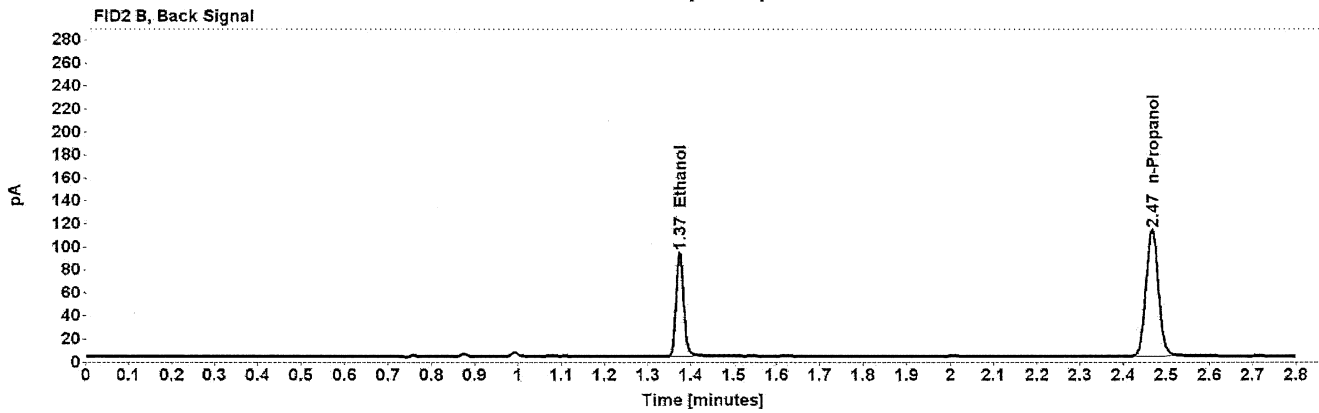
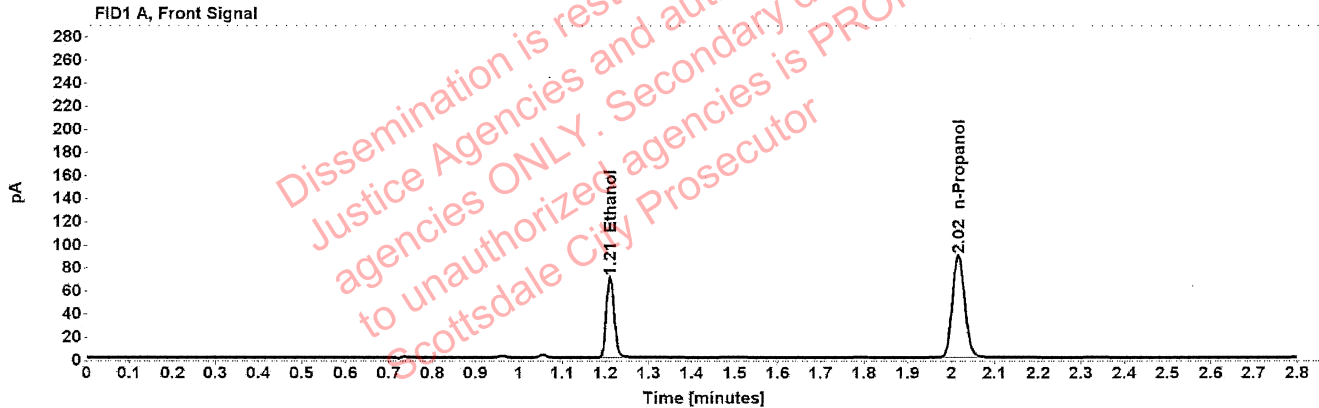


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1401	1.210	88.819
n-Propanol	-----	2.016	176.828

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	111.745
n-Propanol	2.466	221.412

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398092	Vial:	16
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:00:27 PM
Data file:	C:\Chem32\1\Data\30Nov21\16.D	Analyst:	Canonico

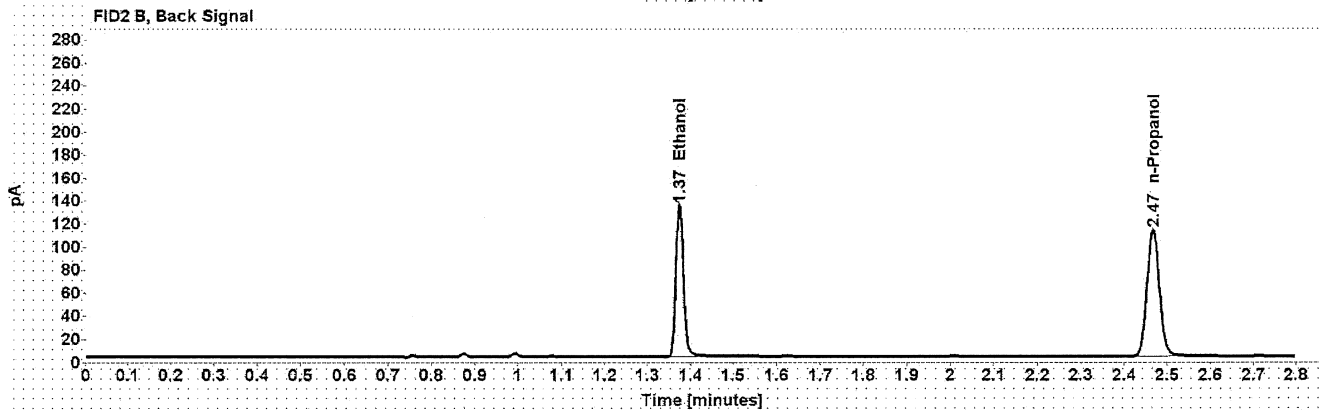
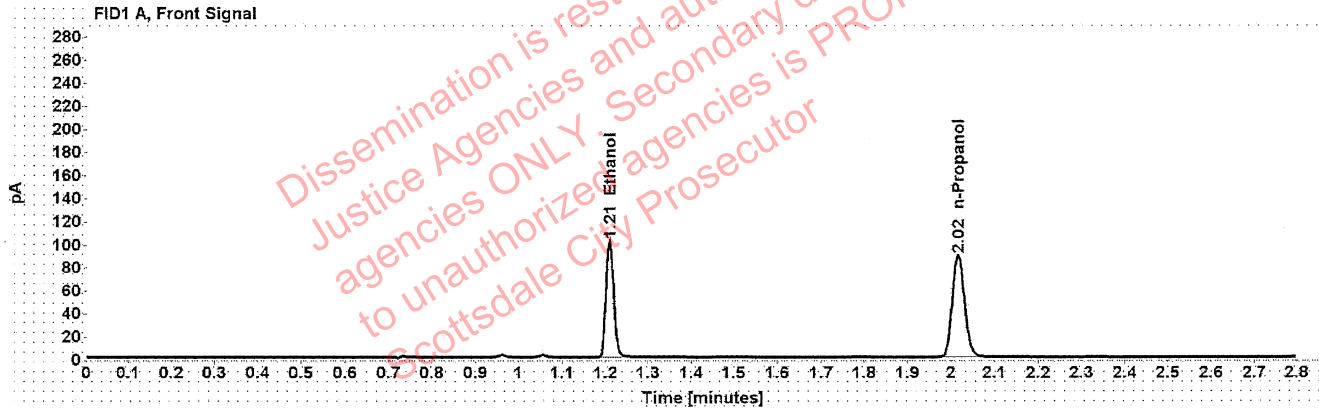


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2027	1.210	128.819
n-Propanol	-----	2.016	176.690

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	162.660
n-Propanol	2.467	221.214

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398092	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:04:27 PM
Data file:	C:\Chem32\1\Data\30Nov21\17.D	Analyst:	Canonico

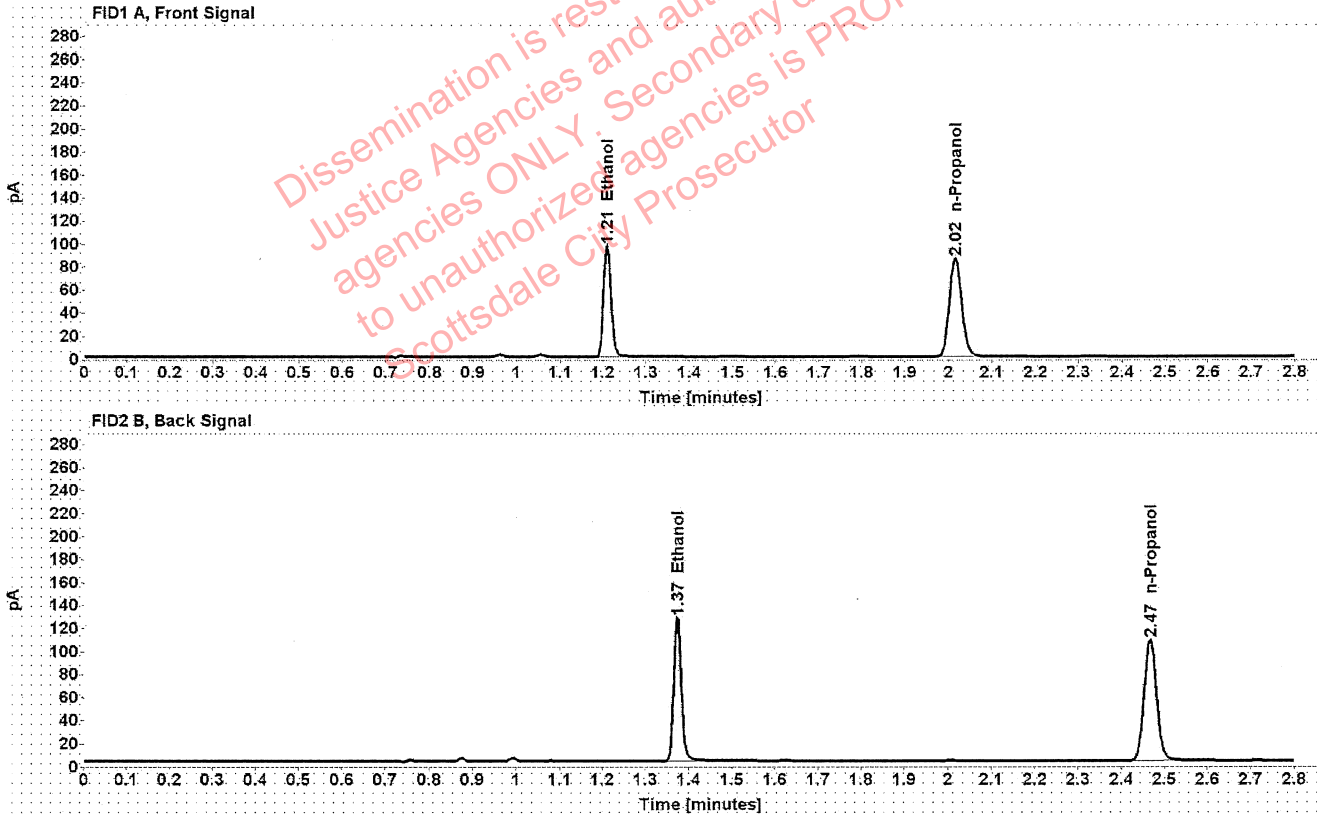


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2006	1.210	122.102
n-Propanol	-----	2.016	169.294

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	154.073
n-Propanol	2.467	212.123

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398173	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:08:26 PM
Data file:	C:\Chem32\1\Data\30Nov21\18.D	Analyst:	Canonico

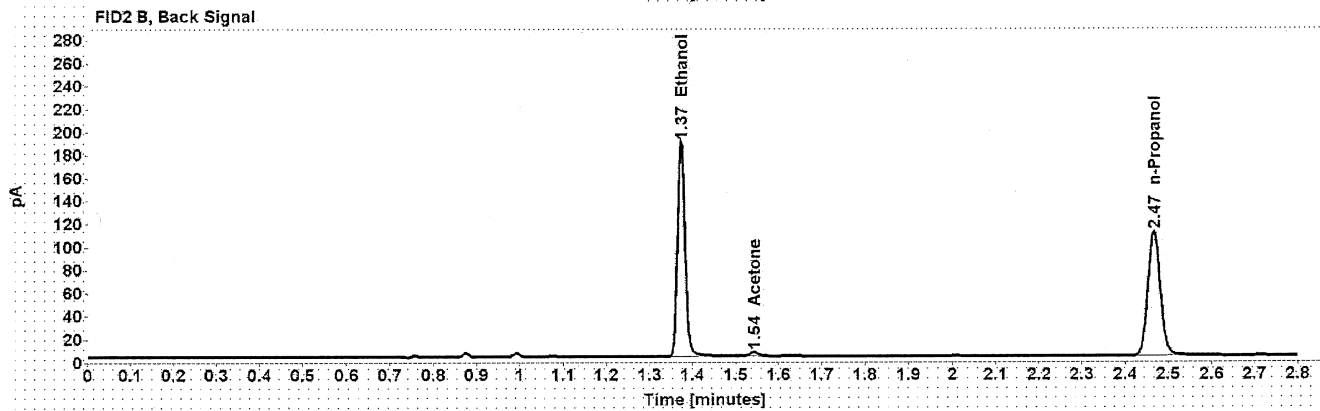
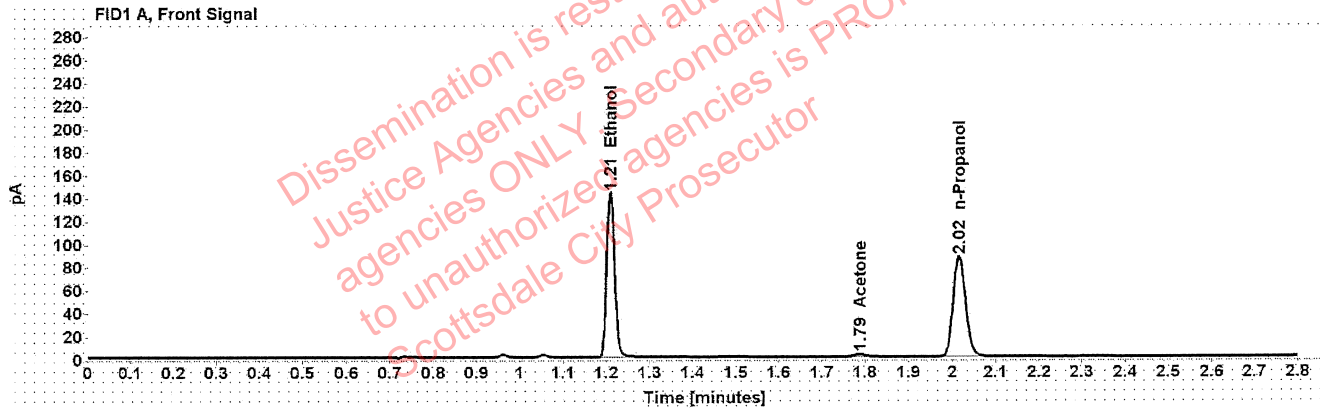


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2912	1.209	181.775
Acetone	-----	1.788	3.893
n-Propanol	-----	2.016	173.230

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	229.451
Acetone	1.542	4.666
n-Propanol	2.467	216.614

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398173	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:12:40 PM
Data file:	C:\Chem32\1\Data\30Nov21\19.D	Analyst:	Canonico

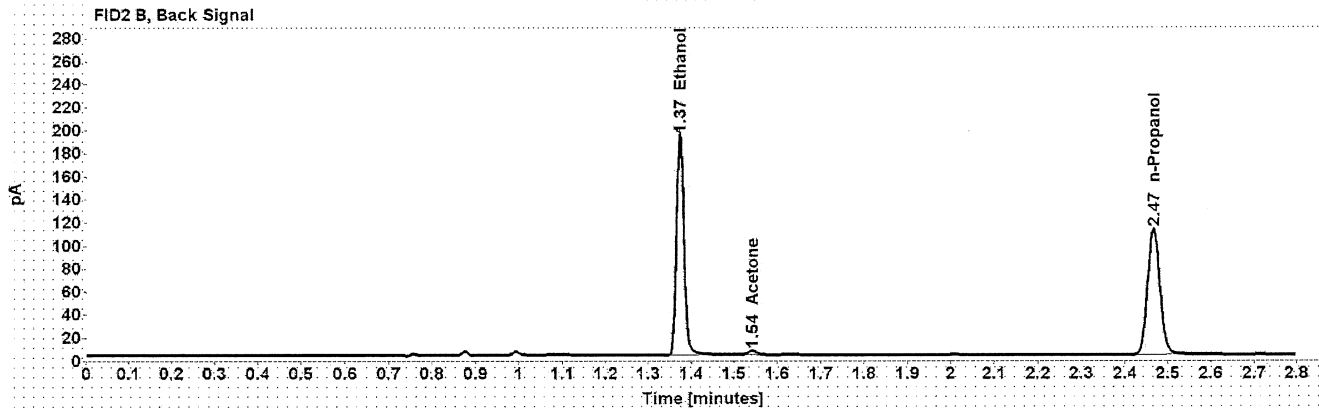
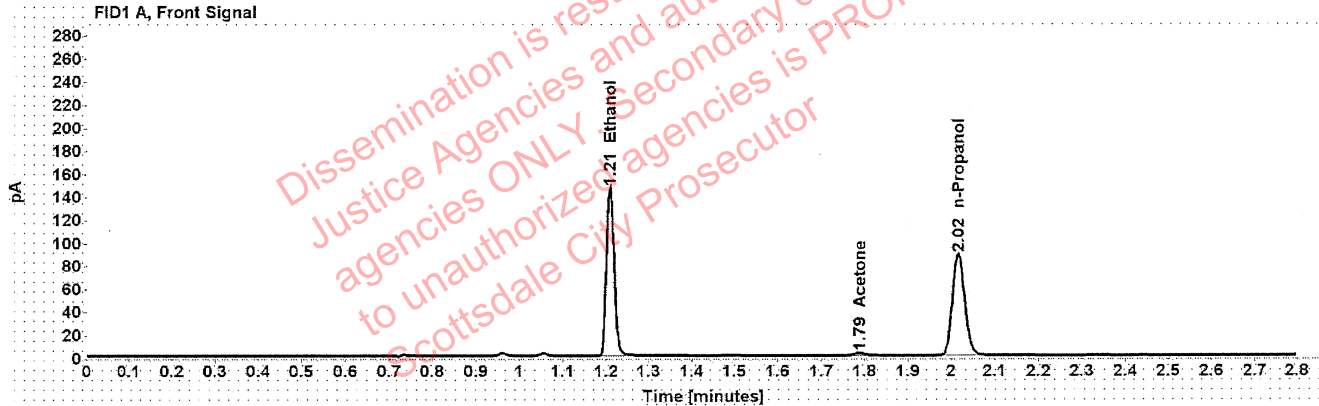


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2940	1.210	186.260
Acetone	-----	1.788	3.882
n-Propanol	-----	2.016	175.789

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	234.797
Acetone	1.542	4.655
n-Propanol	2.467	219.585

██████████: Canonico, Erika - (01-Dec-2021)

Case: ██████████ User: ecanonico 12/1/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397993	Vial:	21
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:20:41 PM
Data file:	C:\Chem32\1\Data\30Nov21\21.D	Analyst:	Canonico

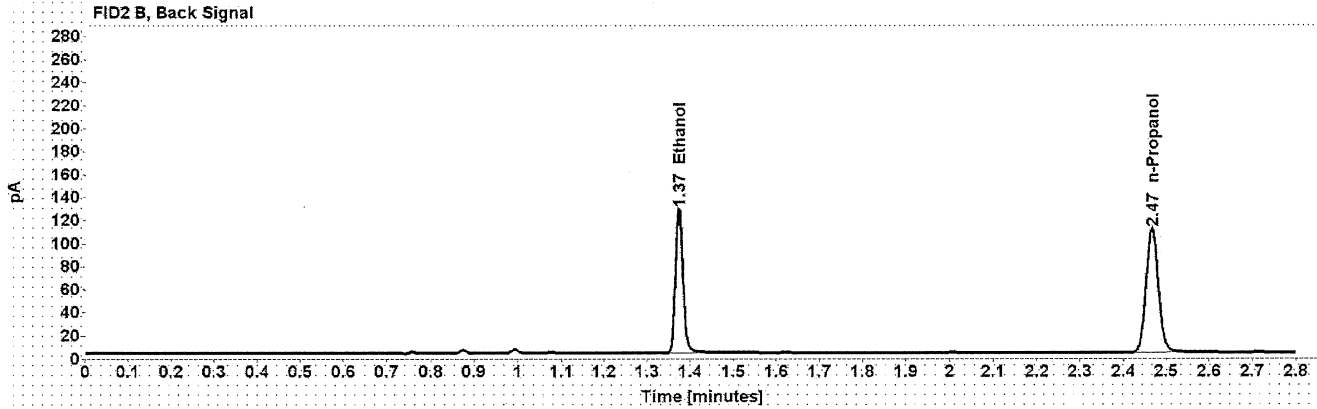
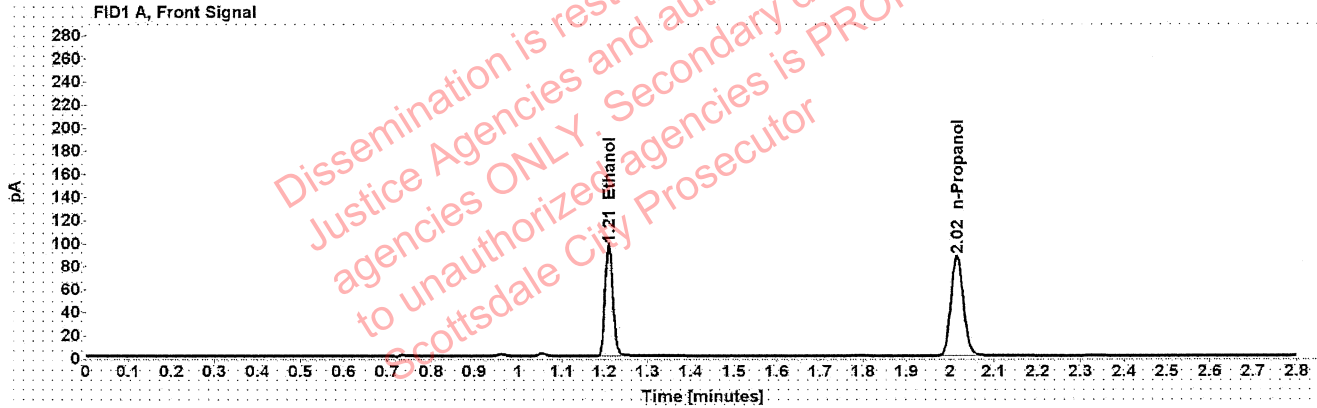


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1967	1.210	122.514
n-Propanol	-----	2.016	173.197

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	154.893
n-Propanol	2.466	216.803

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397993	Vial:	22
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:24:42 PM
Data file:	C:\Chem32\1\Data\30Nov21\22.D	Analyst:	Canonico

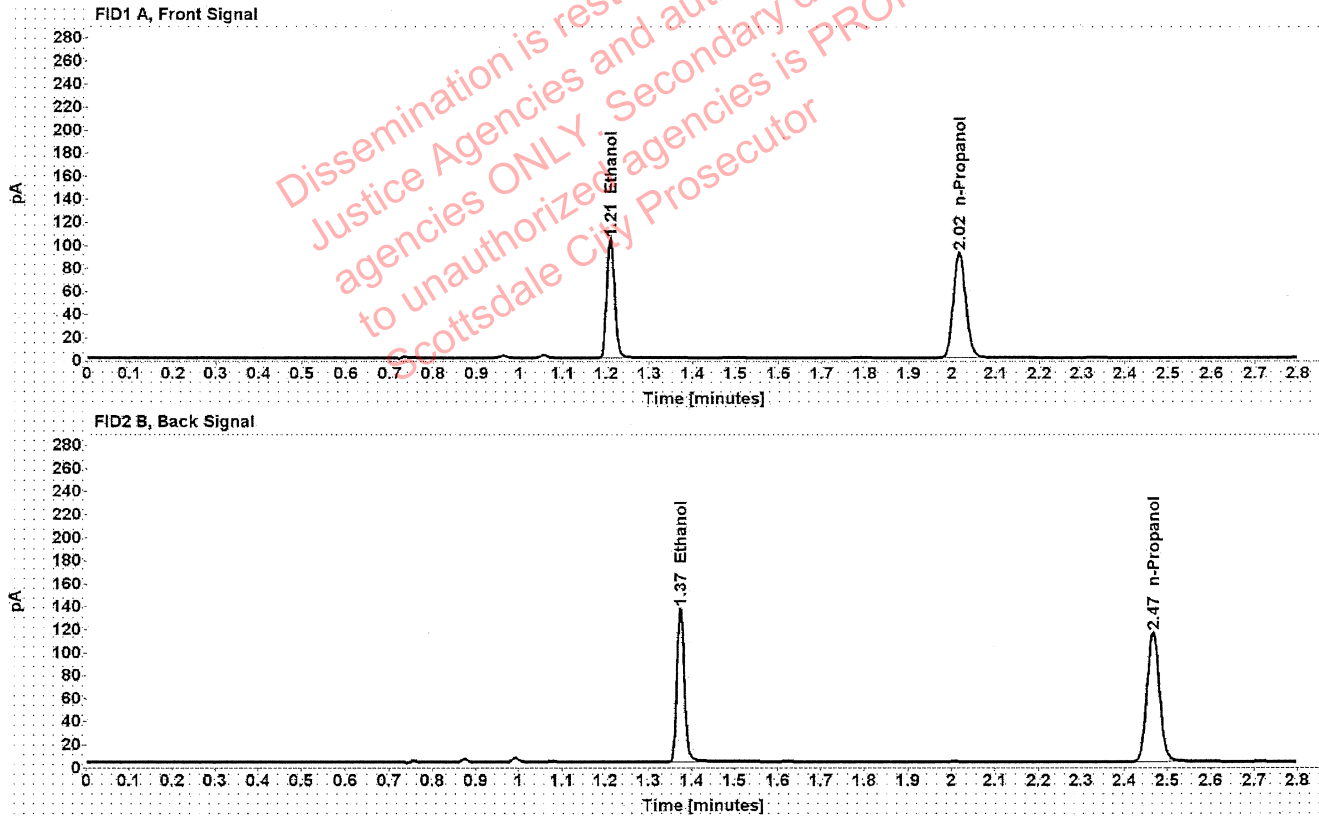


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2000	1.210	131.254
n-Propanol	-----	2.016	182.495

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	165.754
n-Propanol	2.466	228.455



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398101	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:28:41 PM
Data file:	C:\Chem32\1\Data\30Nov21\23.D	Analyst:	Canonico

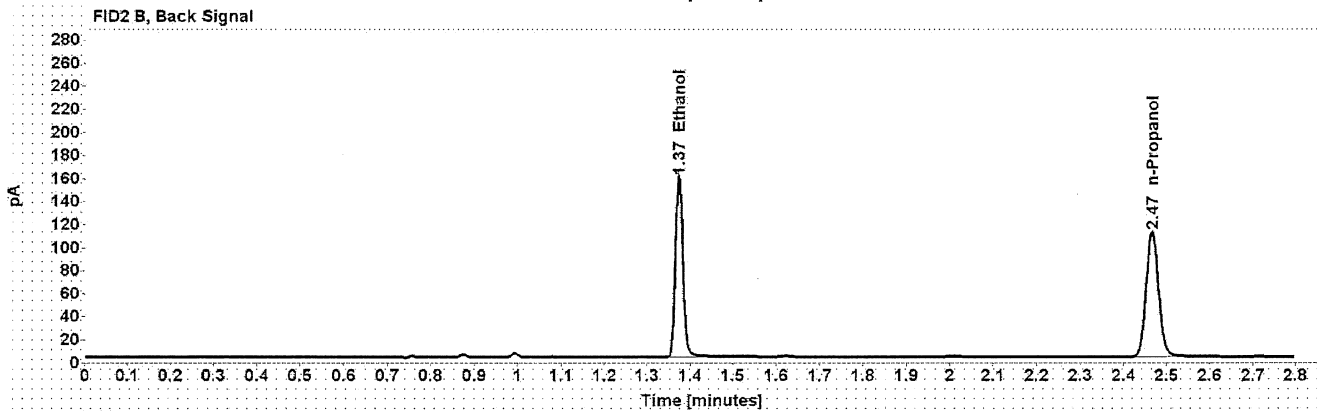
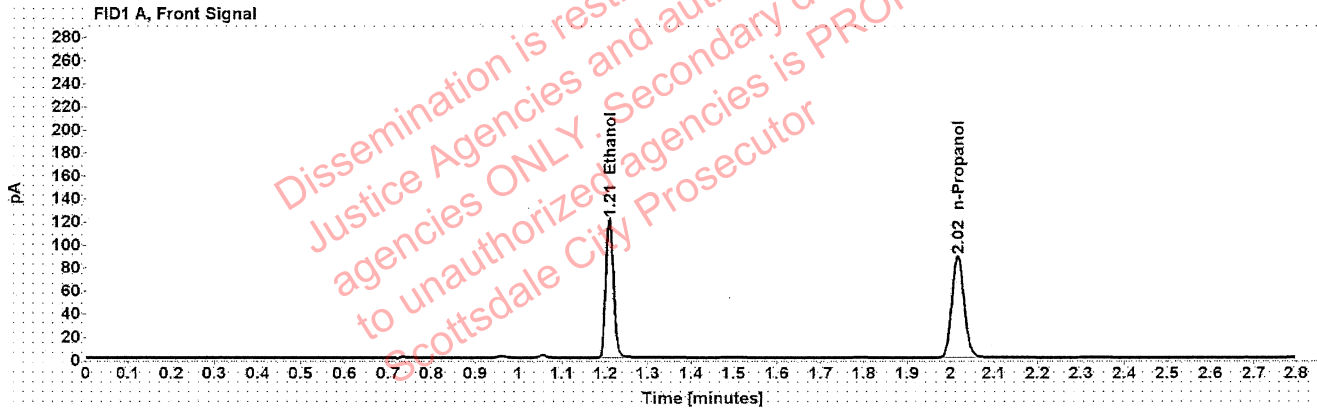


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2425	1.210	152.733
n-Propanol	-----	2.016	174.946

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	194.191
n-Propanol	2.467	219.598

Case: [REDACTED]: Canonico, Erika - (01-Dec-2021)

User: ecanonico 12/1/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398101	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:32:40 PM
Data file:	C:\Chem32\1\Data\30Nov21\24.D	Analyst:	Canonico

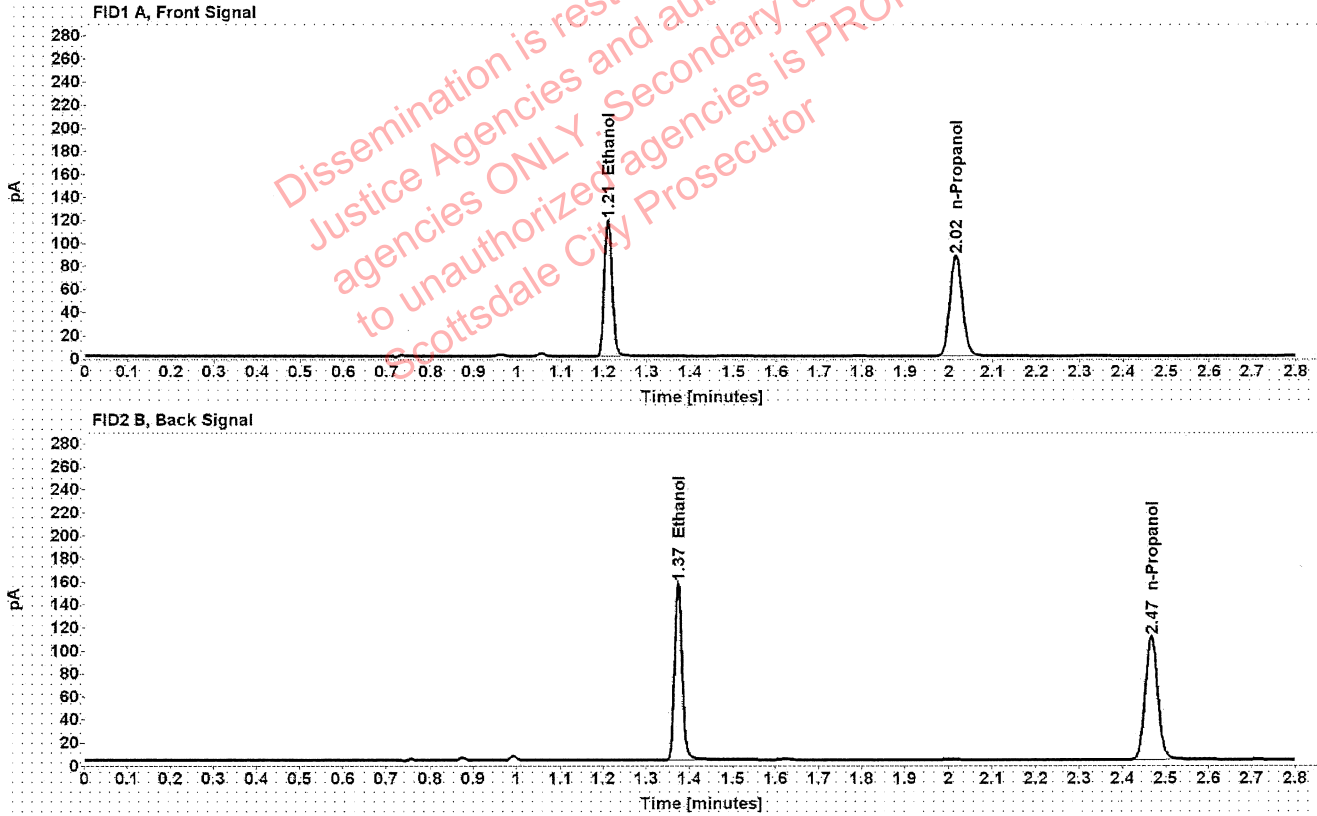


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2410	1.210	150.183
n-Propanol	-----	2.016	173.110

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.373	190.975
n-Propanol	2.466	217.379

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398187	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:36:55 PM
Data file:	C:\Chem32\1\Data\30Nov21\25.D	Analyst:	Canonico

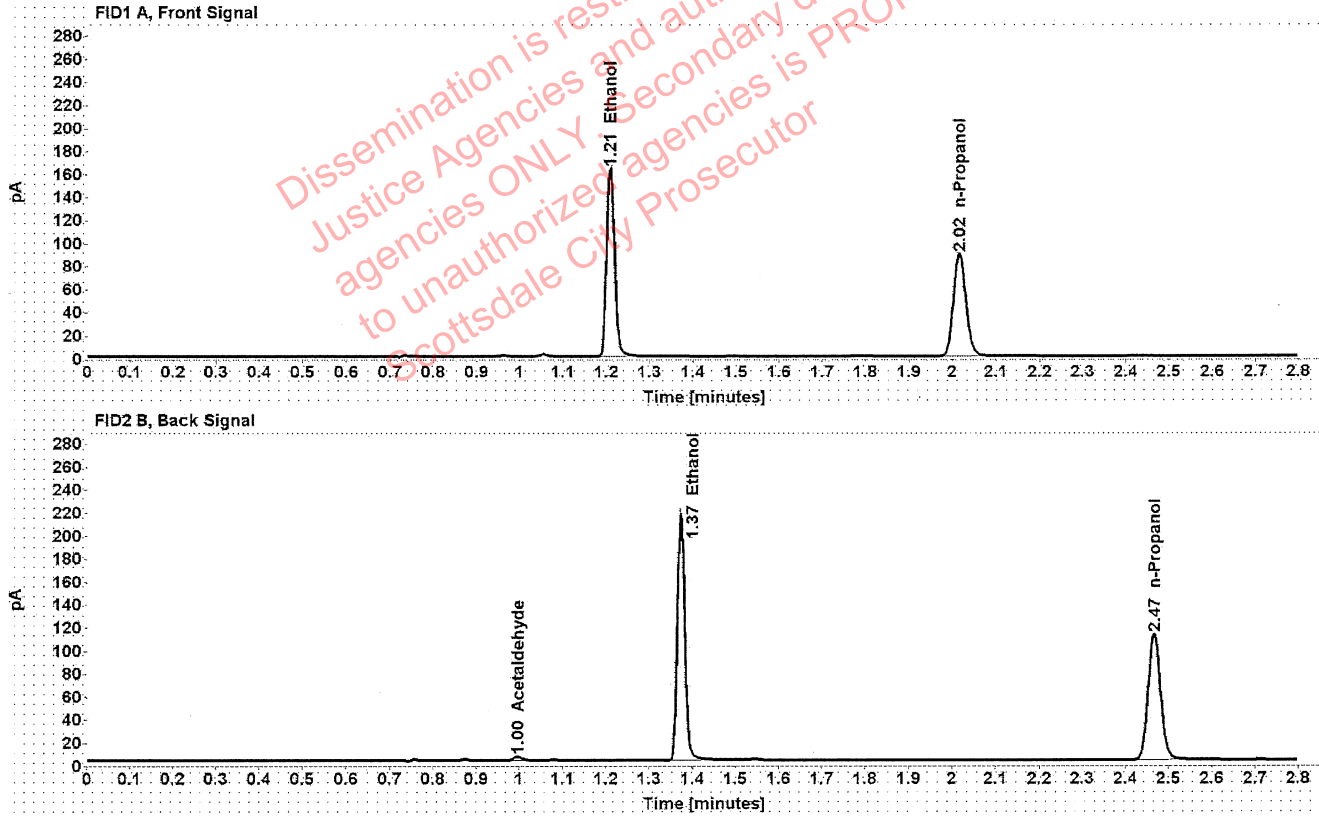


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3285	1.210	209.113
n-Propanol	-----	2.016	176.582

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.996	4.426
Ethanol	1.374	262.523
n-Propanol	2.467	220.966

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398187	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:40:55 PM
Data file:	C:\Chem32\1\Data\30Nov21\26.D	Analyst:	Canonico

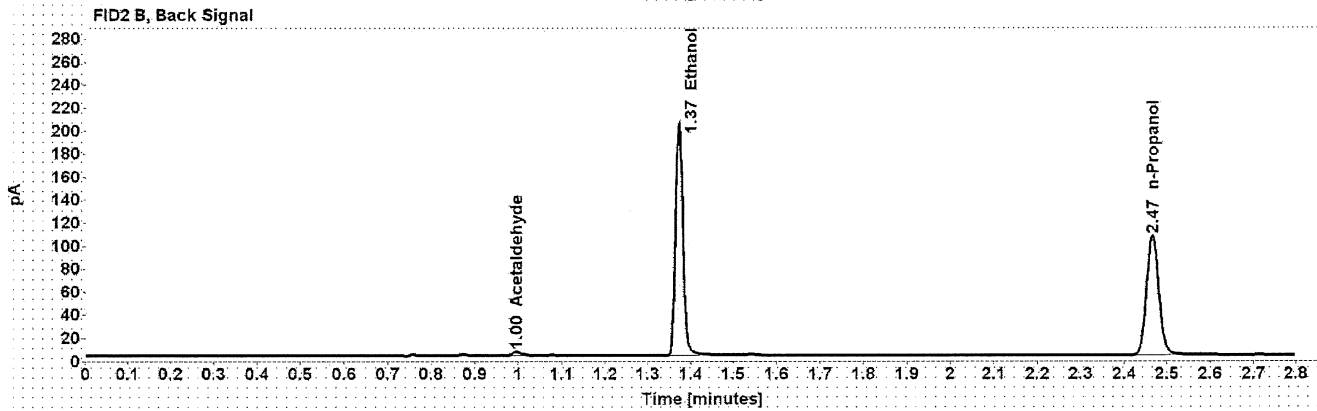
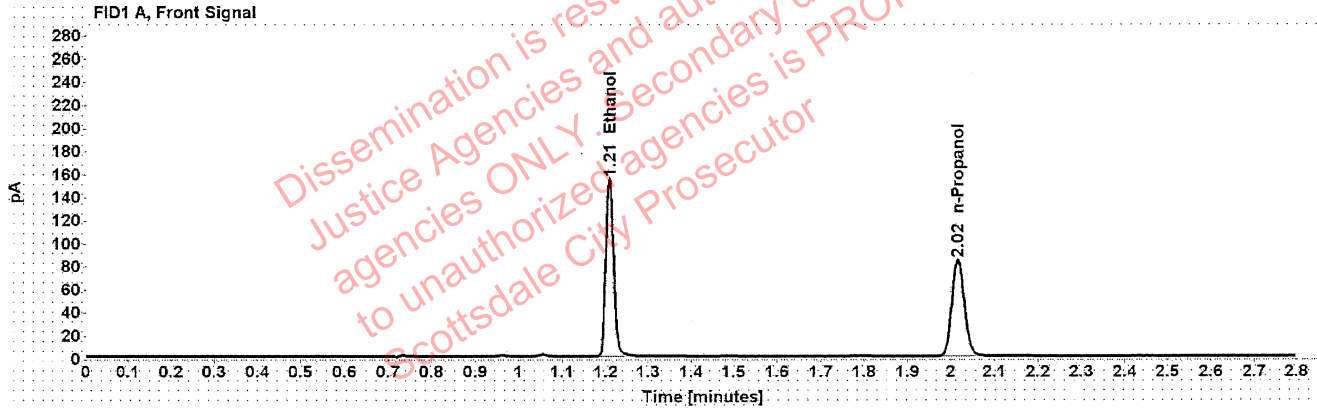


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3268	1.209	197.453
n-Propanol	-----	2.016	167.590

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.441
Ethanol	1.373	248.379
n-Propanol	2.466	209.761

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398193	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:44:56 PM
Data file:	C:\Chem32\1\Data\30Nov21\27.D	Analyst:	Canonico

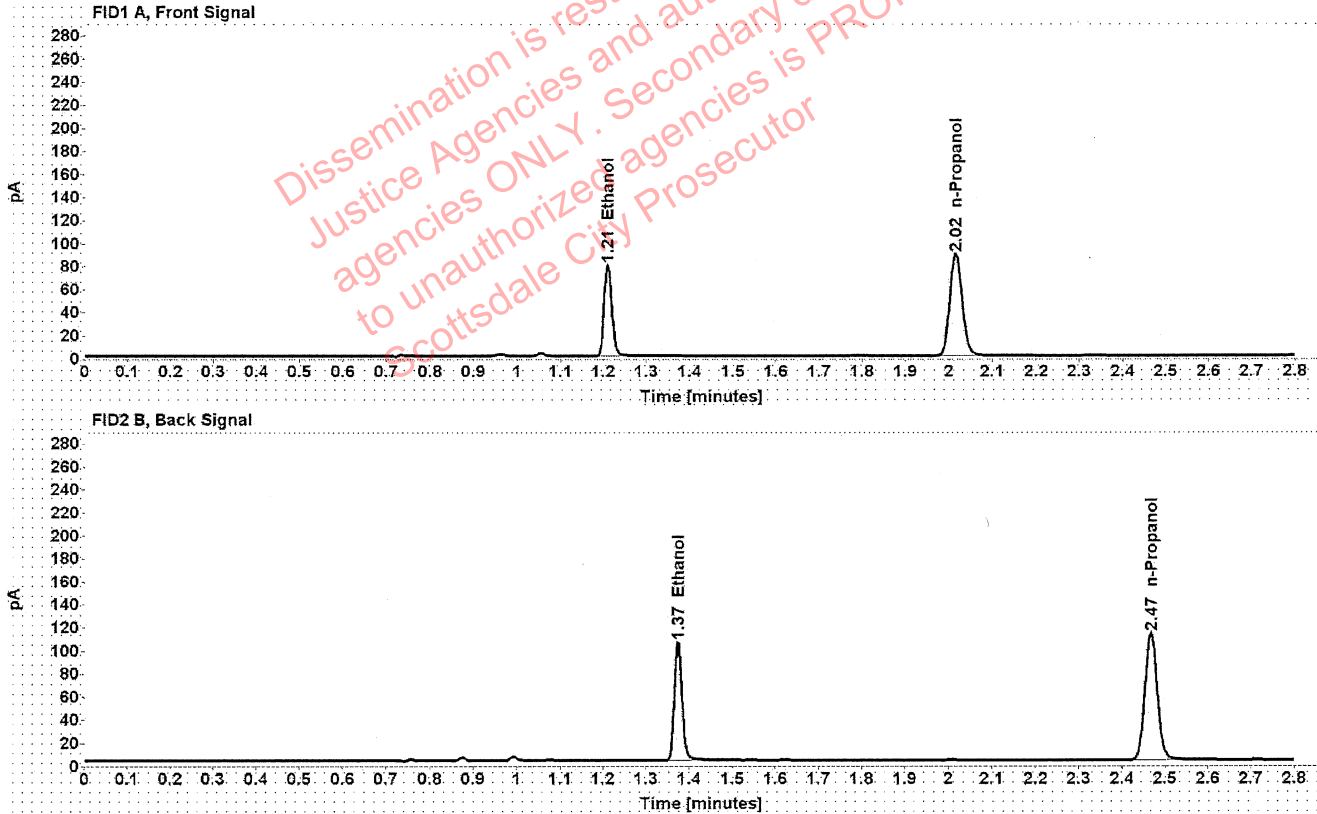


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1589	1.210	100.701
n-Propanol	-----	2.016	176.483

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	126.954
n-Propanol	2.467	221.234

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398193	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:48:56 PM
Data file:	C:\Chem32\1\Data\30Nov21\28.D	Analyst:	Canonico

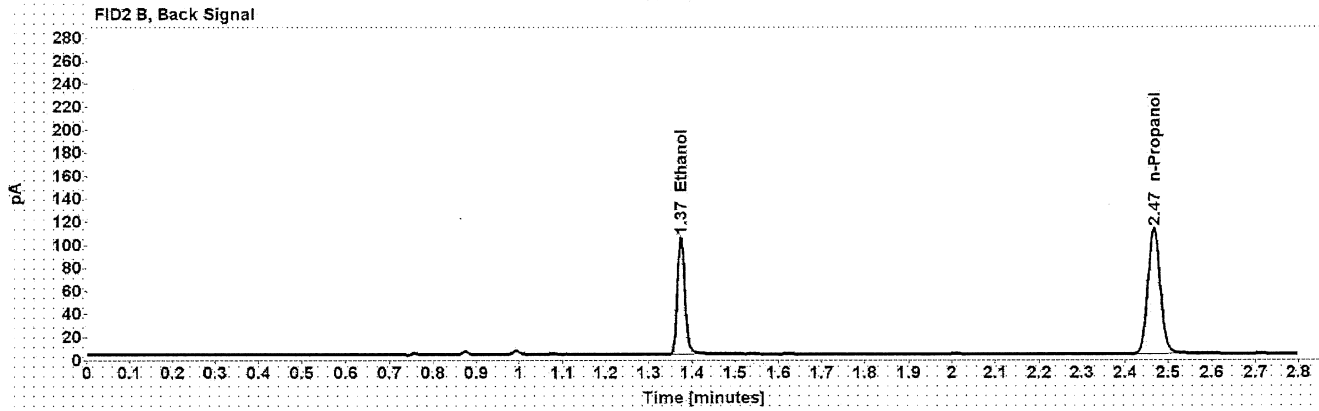
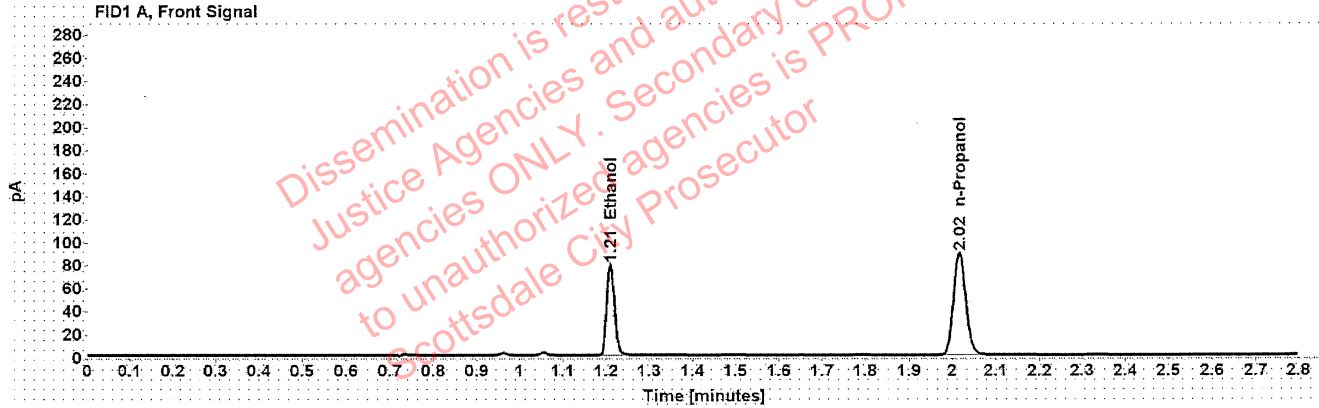


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1584	1.210	100.124
n-Propanol	-----	2.016	176.038

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	126.099
n-Propanol	2.467	220.646

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398495	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:52:56 PM
Data file:	C:\Chem32\1\Data\30Nov21\29.D	Analyst:	Canonico

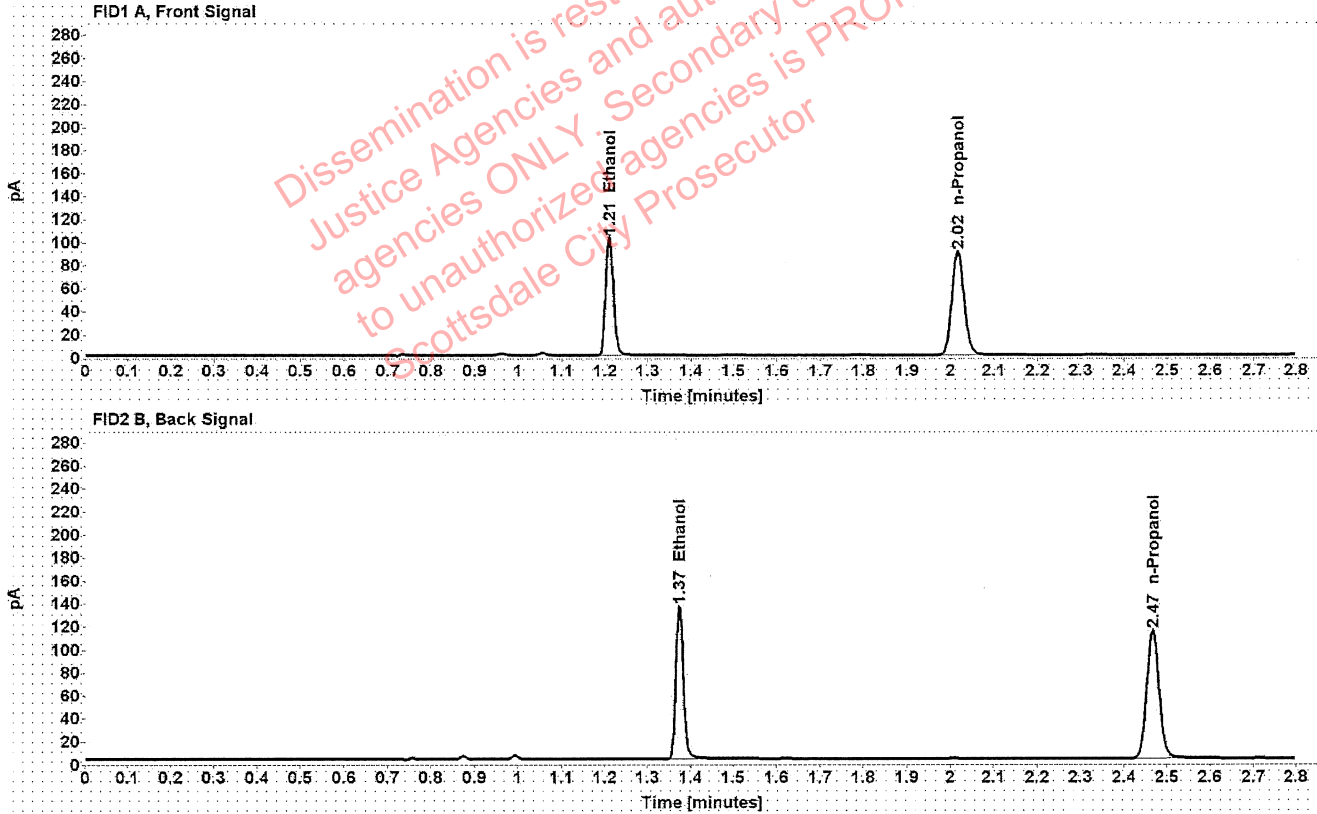


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2023	1.210	129.883
n-Propanol	-----	2.016	178.479

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	164.409
n-Propanol	2.467	223.739

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398495	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 2:56:55 PM
Data file:	C:\Chem32\1\Data\30Nov21\30.D	Analyst:	Canonico

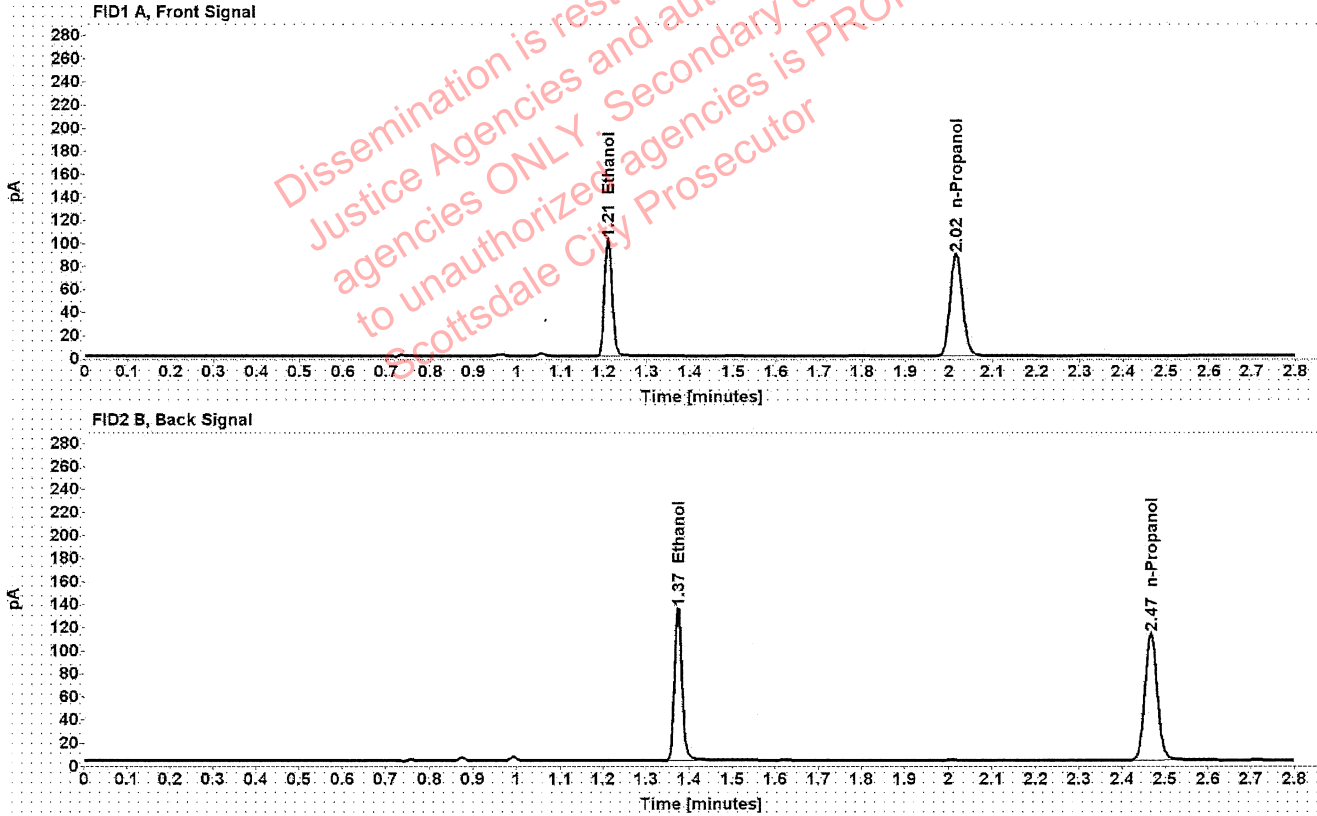


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2030	1.210	128.961
n-Propanol	-----	2.016	176.669

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	164.278
n-Propanol	2.467	221.583



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398389	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 3:05:09 PM
Data file:	C:\Chem32\1\Data\30Nov21\32.D	Analyst:	Canonico

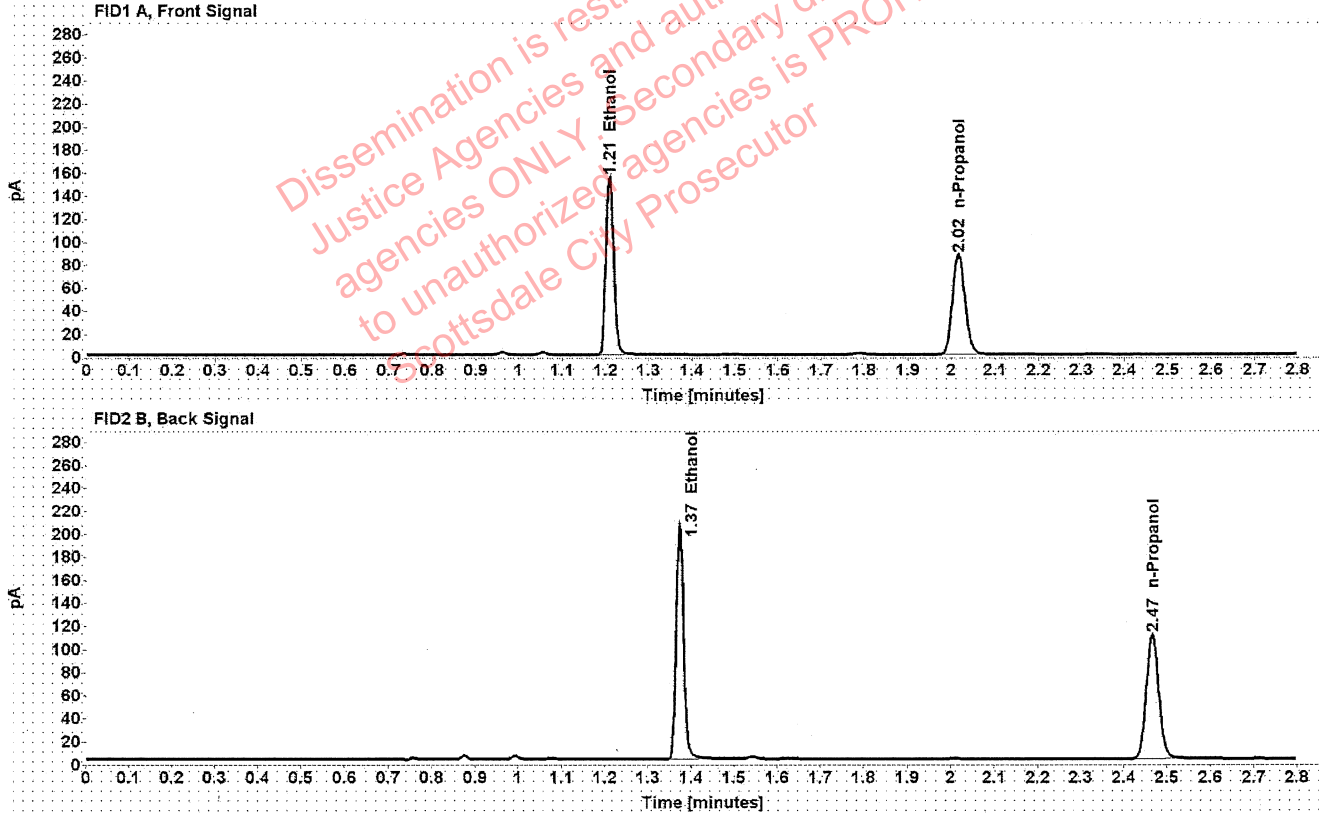


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3143	1.210	196.504
n-Propanol	-----	2.016	173.477

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	248.429
n-Propanol	2.467	216.948

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398389	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 3:09:09 PM
Data file:	C:\Chem32\1\Data\30Nov21\33.D	Analyst:	Canonico

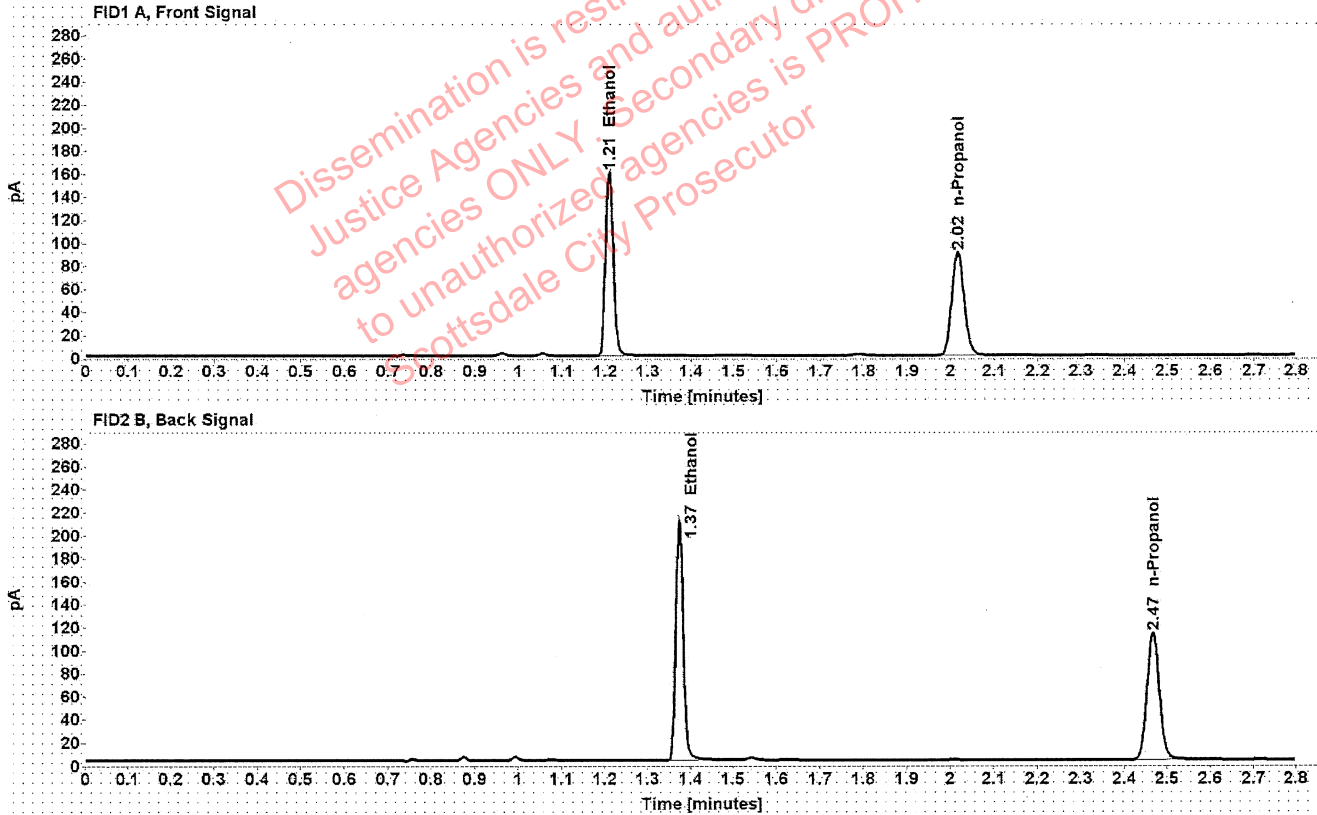


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3155	1.210	202.646
n-Propanol	-----	2.016	178.167

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	256.270
n-Propanol	2.467	222.933

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398578	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 3:13:09 PM
Data file:	C:\Chem32\1\Data\30Nov21\34.D	Analyst:	Canonico

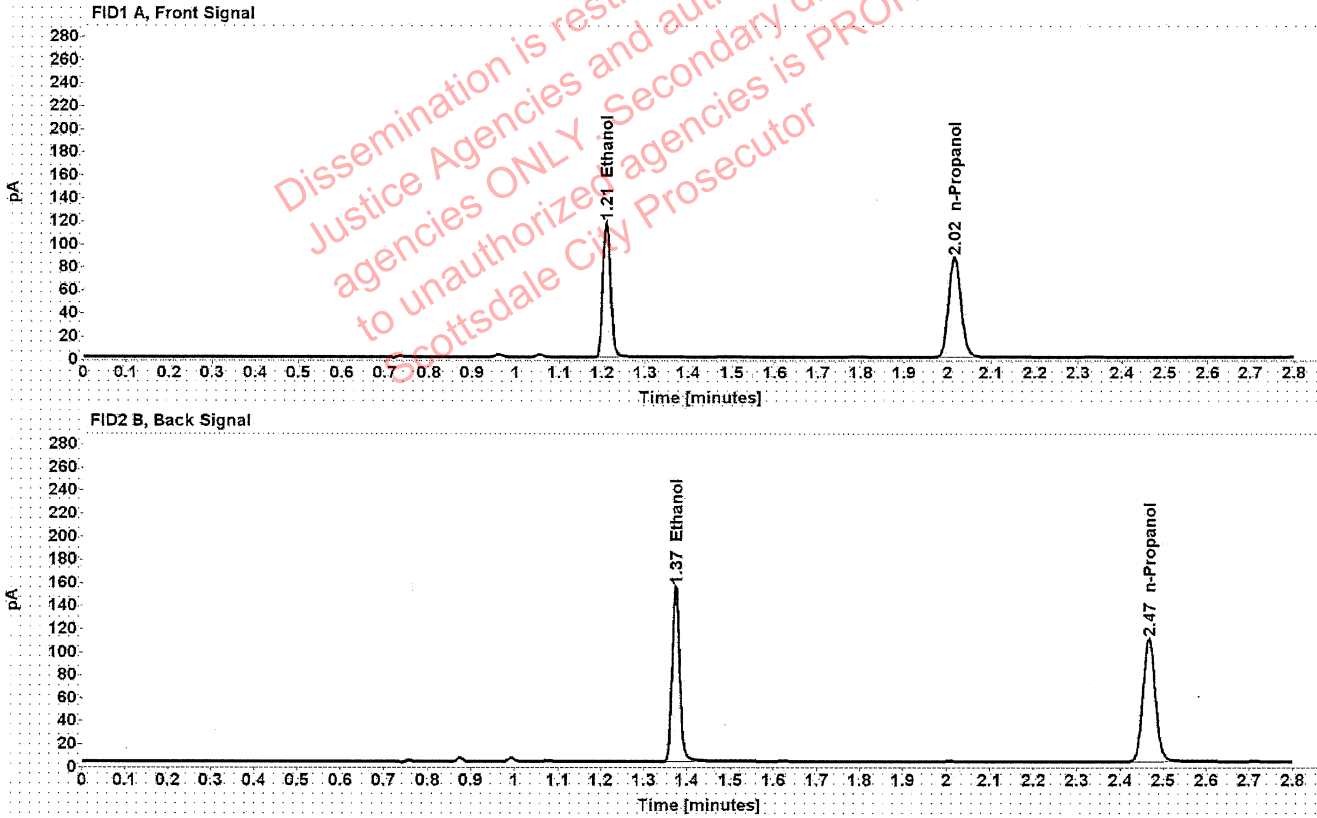


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2386	1.210	148.651
n-Propanol	-----	2.016	173.068

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	187.914
n-Propanol	2.466	216.808

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398578	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 3:17:10 PM
Data file:	C:\Chem32\1\Data\30Nov21\35.D	Analyst:	Canonico

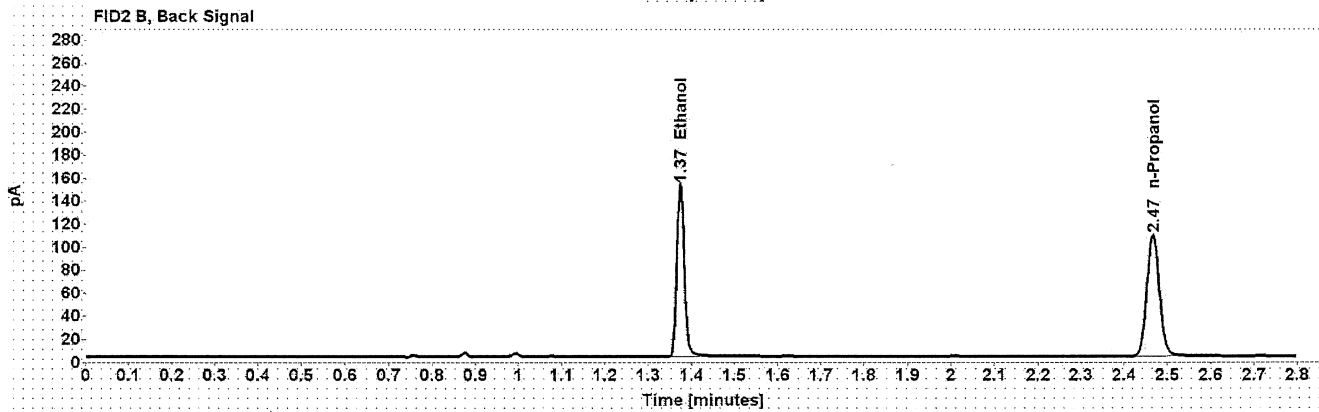
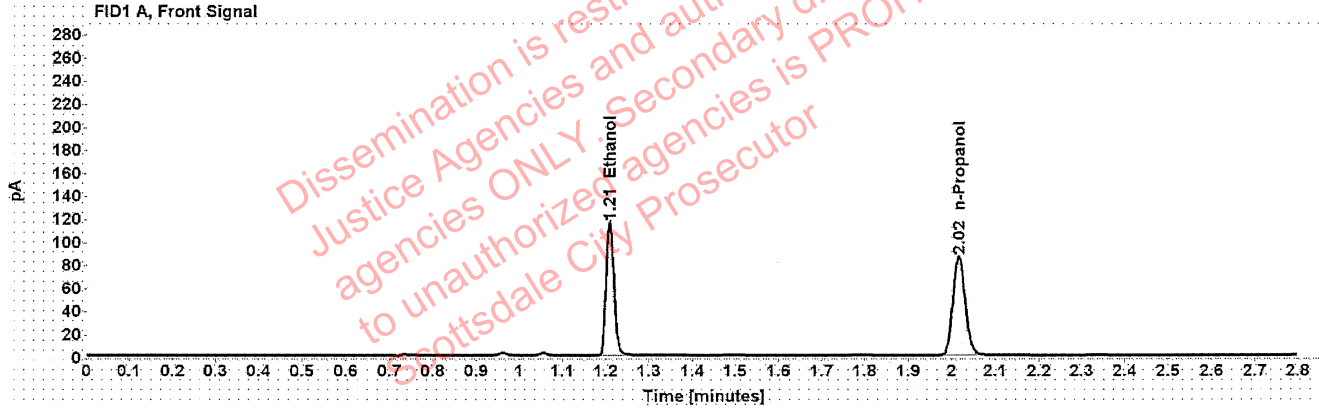


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2381	1.210	146.075
n-Propanol	-----	2.016	170.410

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	184.607
n-Propanol	2.466	213.379

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1396445	Vial:	36
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 3:21:10 PM
Data file:	C:\Chem32\1\Data\30Nov21\36.D	Analyst:	Canonico

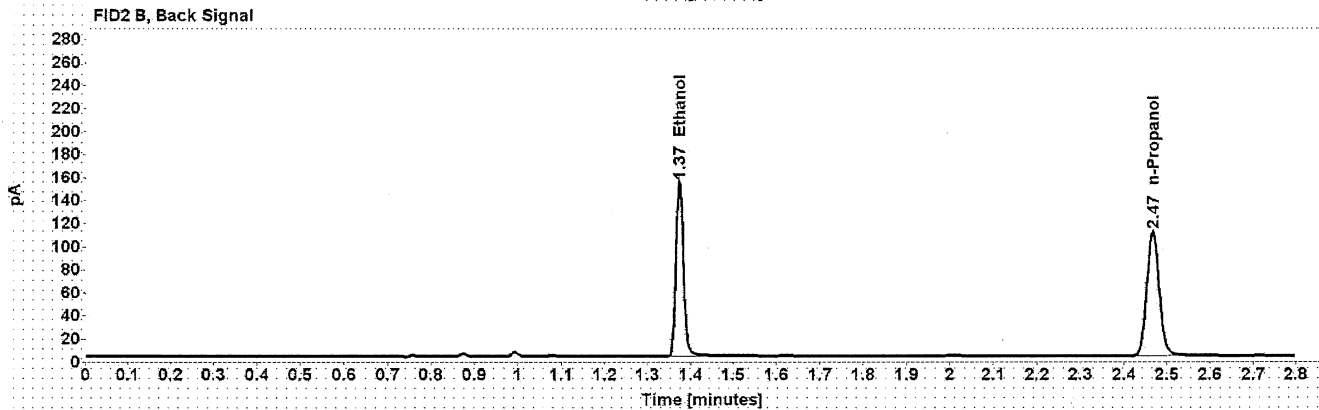
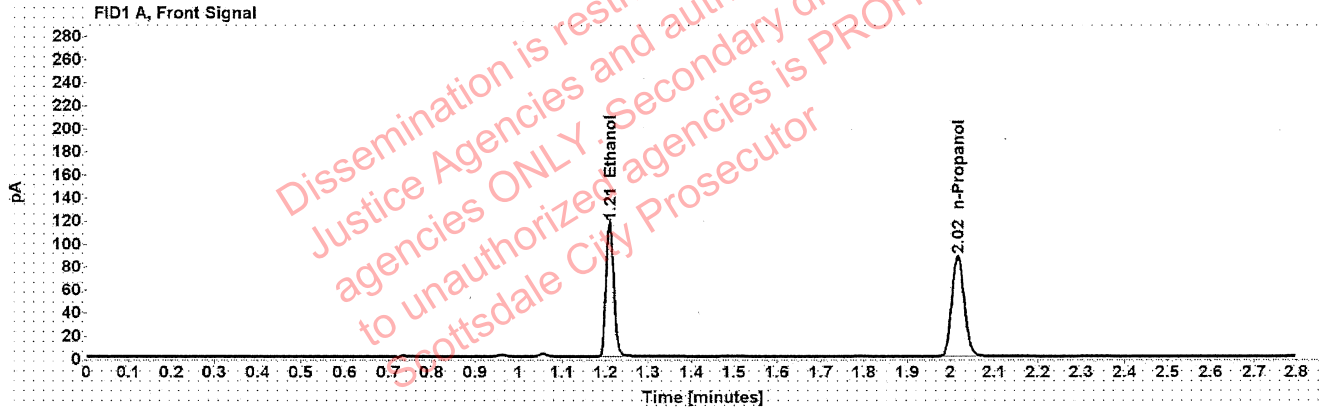


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2371	1.210	148.233
n-Propanol	-----	2.016	173.708

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	188.634
n-Propanol	2.467	218.398

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1396445	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 3:25:25 PM
Data file:	C:\Chem32\1\Data\30Nov21\37.D	Analyst:	Canonico

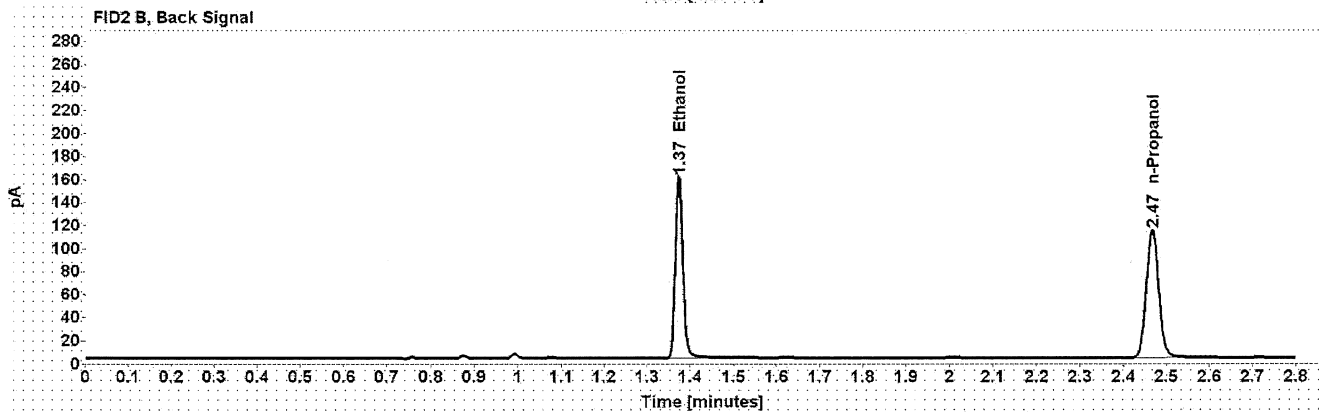
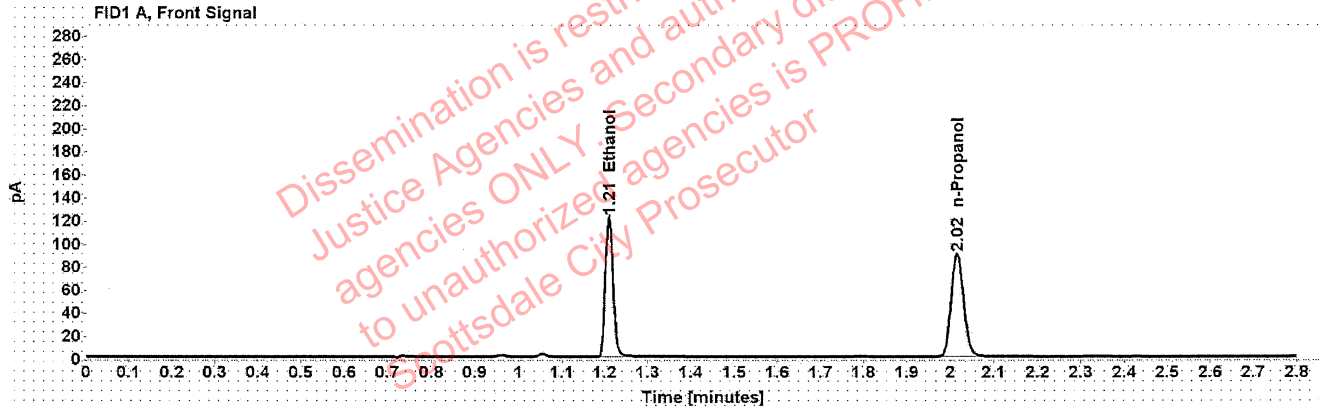


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2395	1.210	153.992
n-Propanol	-----	2.016	178.572

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.374	195.748
n-Propanol	2.467	224.208

Case: [REDACTED] : Canonico, Erika - (01-Dec-2021)

User: ecanonico 12/1/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398310	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 3:29:25 PM
Data file:	C:\Chem32\1\Data\30Nov21\38.D	Analyst:	Canonico

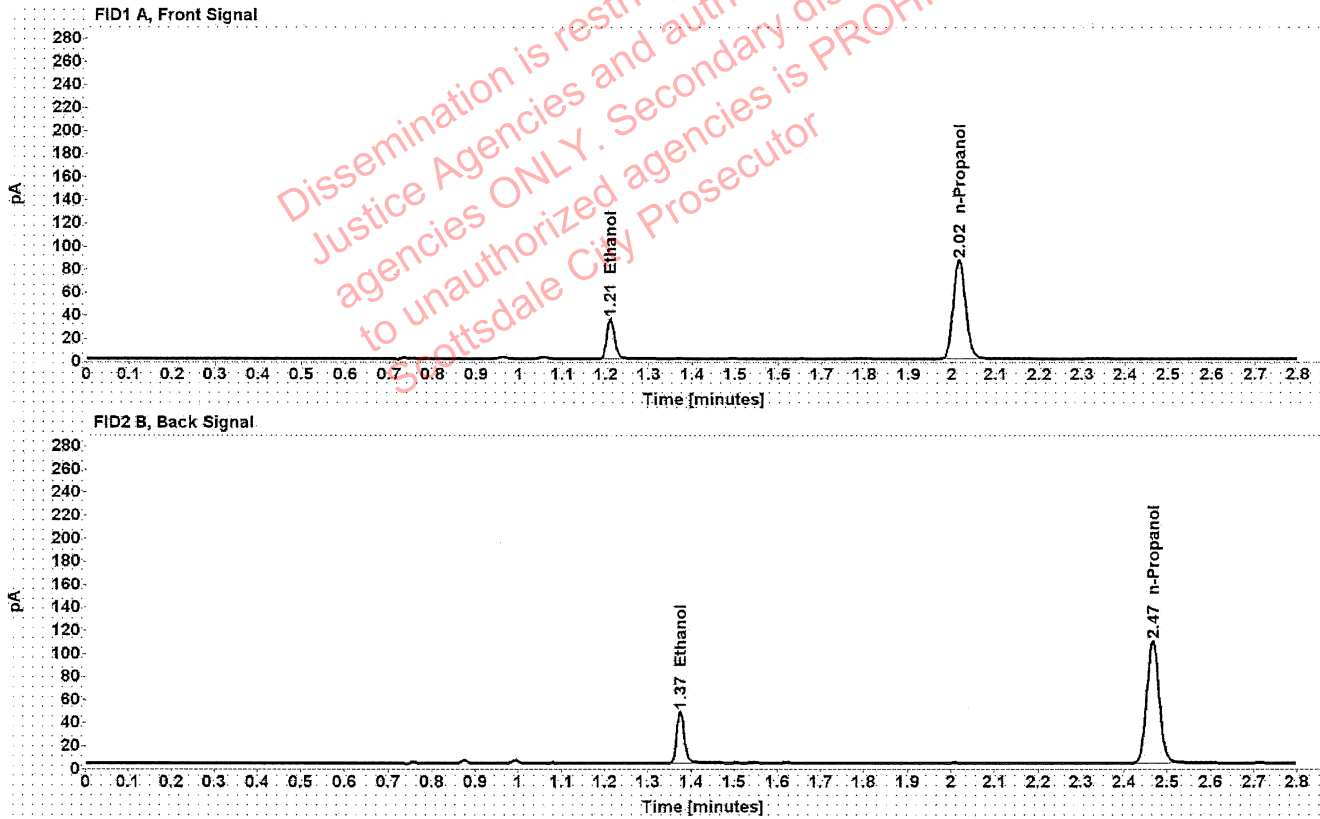


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0729	1.211	44.453
n-Propanol	-----	2.016	171.433

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.375	55.623
n-Propanol	2.467	215.171

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398310	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	30Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/30/2021 3:33:24 PM
Data file:	C:\Chem32\1\Data\30Nov21\39.D	Analyst:	Canonico

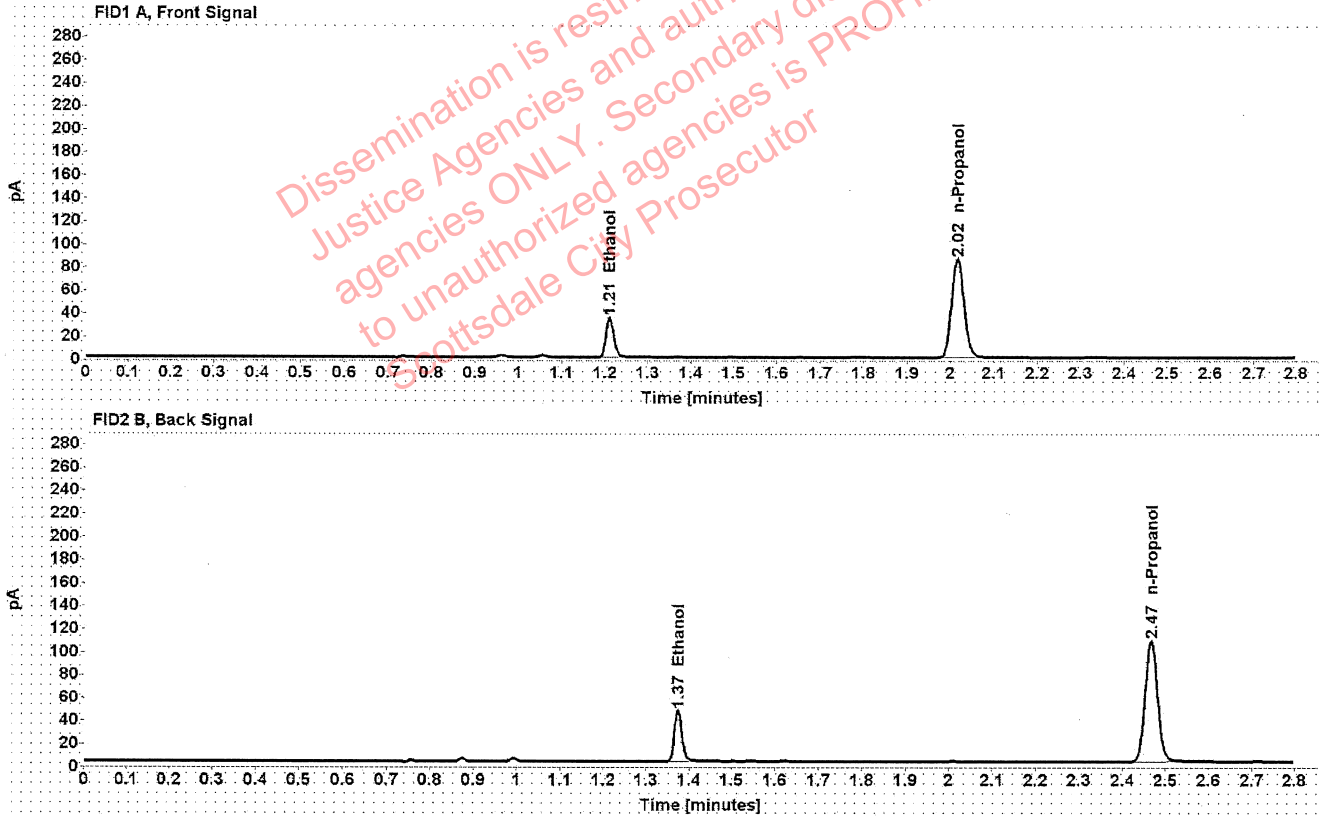


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0723	1.211	43.842
n-Propanol	-----	2.016	170.542

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.375	54.973
n-Propanol	2.466	214.131