

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 08/03/2021 SEQUENCE NAME 03Aug21

**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 0.99999  
 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 071521AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.403 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.200 g/dL	0.204 g/dL	ACQ 4101018274/9
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Blood control	0.200 g/dL	0.205 g/dL	ACQ 4101018274/9
42	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
53	Aqueous control	0.400 g/dL	0.407 g/dL	Lipomed 11092018-A
54	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
55	Blood control	0.200 g/dL	0.207 g/dL	ACQ 4101018274/9
56	Blank	Not detected	Not detected	SPD lab 111020WB

**SUBJECT SAMPLES**

Subjects in the sequence 20 Subjects requiring reanalysis 0

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

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

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

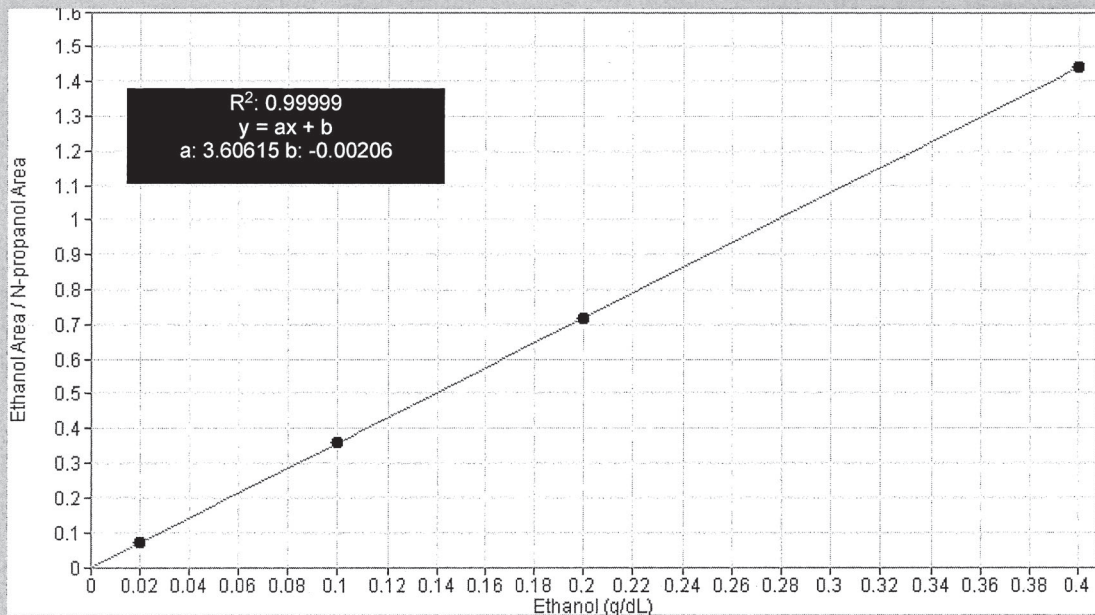
SEQUENCE NAME: 03Aug21

ANALYST: Canonico *ec*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 071521AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.403	0.400	0.75	0.003
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.200 4101018274/9	9	0.204	0.200	2.00	0.004
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.200 4101018274/9	31	0.205	0.200	2.50	0.005
0.080 20012020-B	42	0.080	0.080	0.00	0.000
0.400 11092018-A	53	0.407	0.400	1.75	0.007
0.040 14082019-B	54	0.041	0.040	2.50	0.001
0.200 4101018274/9	55	0.207	0.200	3.50	0.007
blank 111020WB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.724	168.292	0.070
0.100	60.994	169.103	0.361
0.200	119.753	167.084	0.717
0.400	238.124	165.237	1.441

### 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>	03Aug21
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	8/3/2021 11:52:07 AM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Canonico <span style="float: right;">ee</span>
<b>Data file:</b>	C:\Chem32\1\Data\03Aug21\1.D		

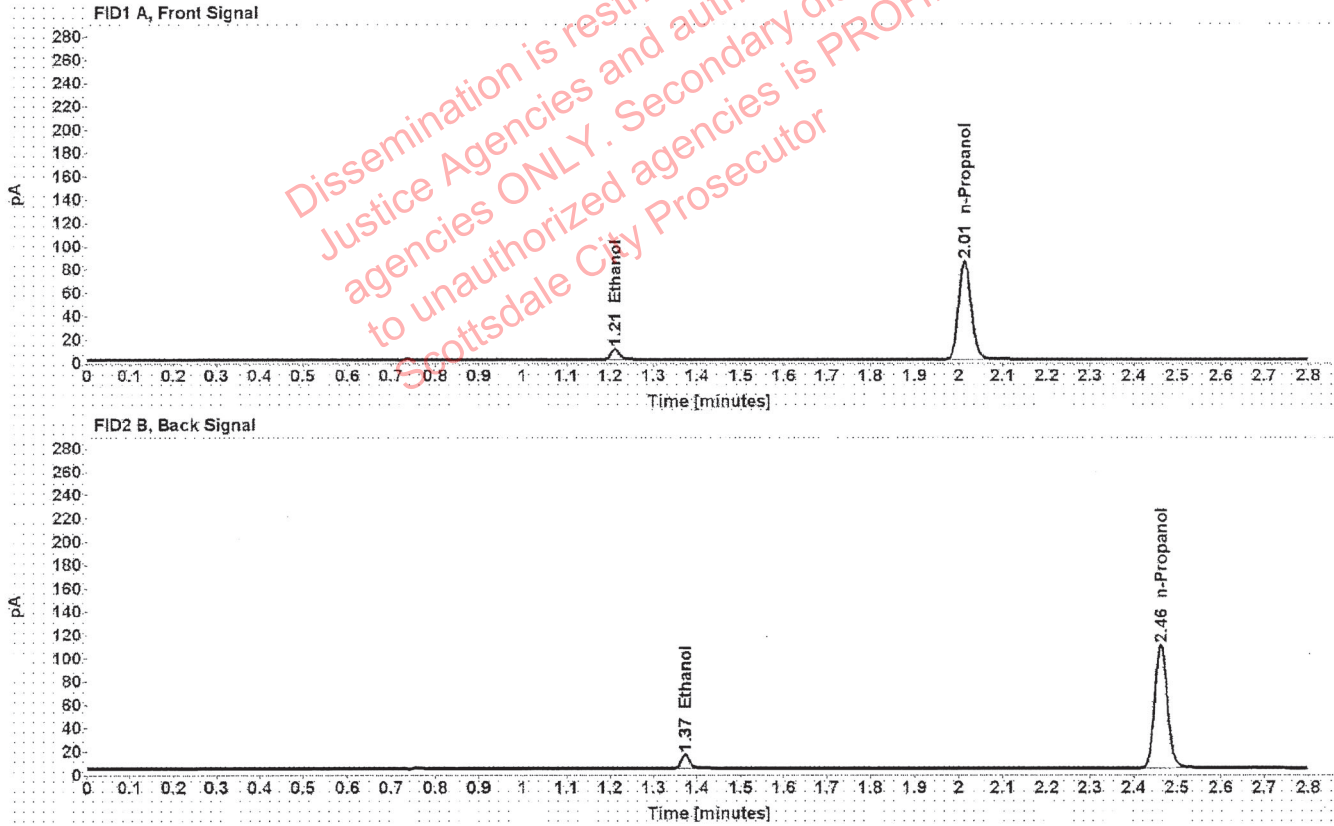


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.724
n-Propanol	2.014	168.292

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

Compound	Time (min)	Peak Area
Ethanol	1.373	14.854
n-Propanol	2.463	212.195

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	03Aug21
Method:	ethanol quant.M	Injection date:	8/3/2021 11:56:07 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <span style="float: right;">ee</span>
Data file:	C:\Chem32\1\Data\03Aug21\2.D		

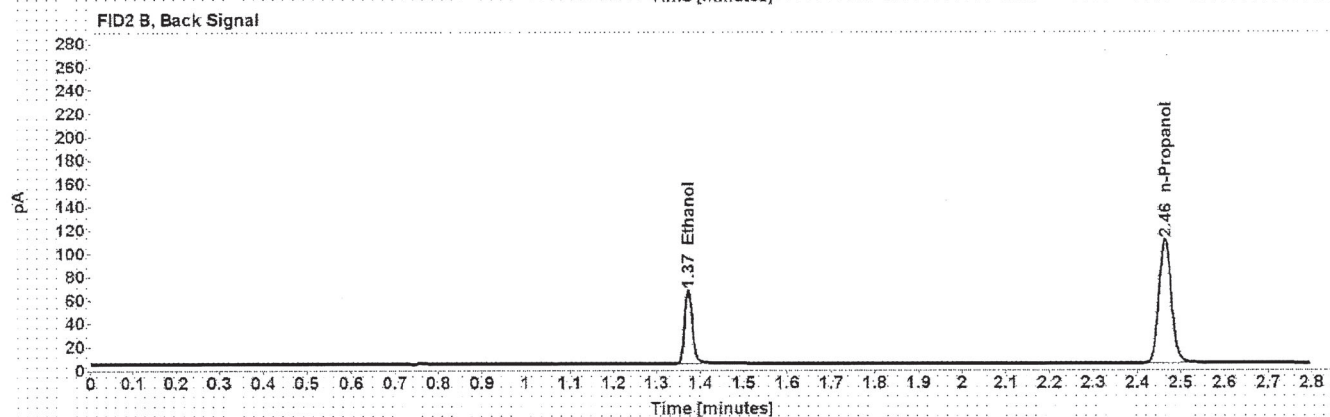
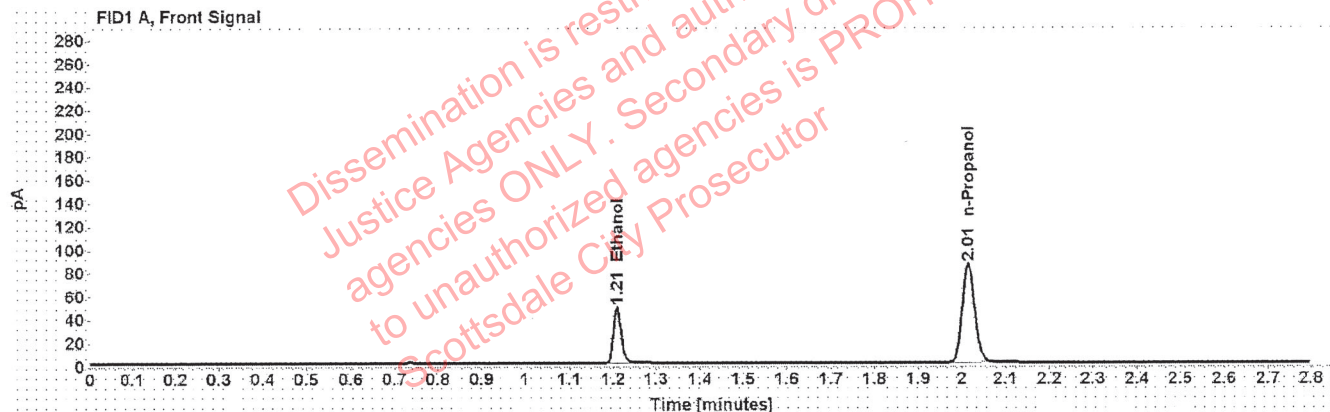


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	60.994
n-Propanol	2.014	169.103

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

Compound	Time (min)	Peak Area
Ethanol	1.373	77.218
n-Propanol	2.464	212.987



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05101903	Vial:	3
Description:	0.200 calibrator	Sequence:	03Aug21
Method:	ethanol quant.M	Injection date:	8/3/2021 12:00:09 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <span style="float: right;">EE</span>
Data file:	C:\Chem32\1\Data\03Aug21\3.D		

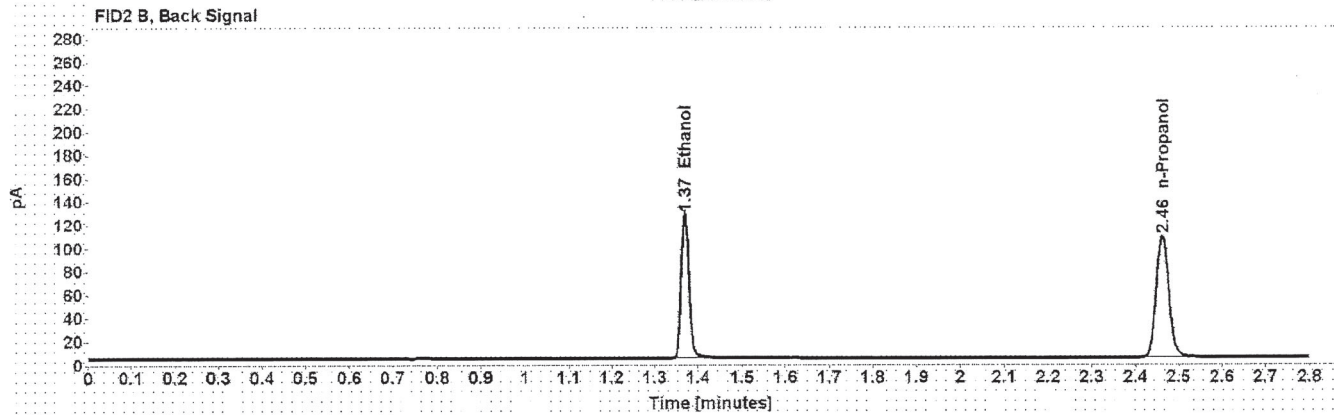
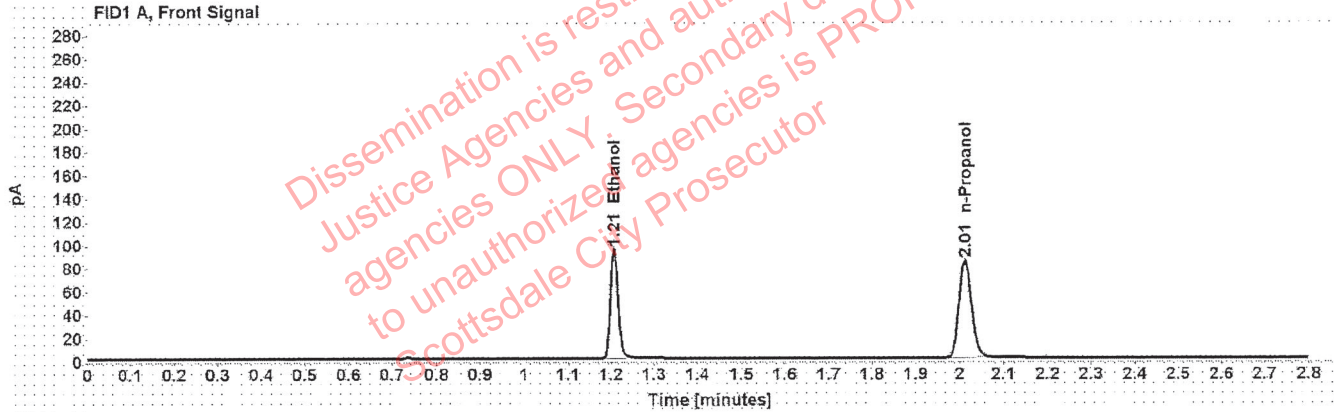


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	119.753
n-Propanol	2.013	167.084

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

Compound	Time (min)	Peak Area
Ethanol	1.370	151.854
n-Propanol	2.462	210.504

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN10051906	<b>Vial:</b>	4
<b>Description:</b>	0.400 calibrator	<b>Sequence:</b>	03Aug21
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	8/3/2021 12:04:08 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Canonico <span style="float: right;">ee</span>
<b>Data file:</b>	C:\Chem32\1\Data\03Aug21\4.D		

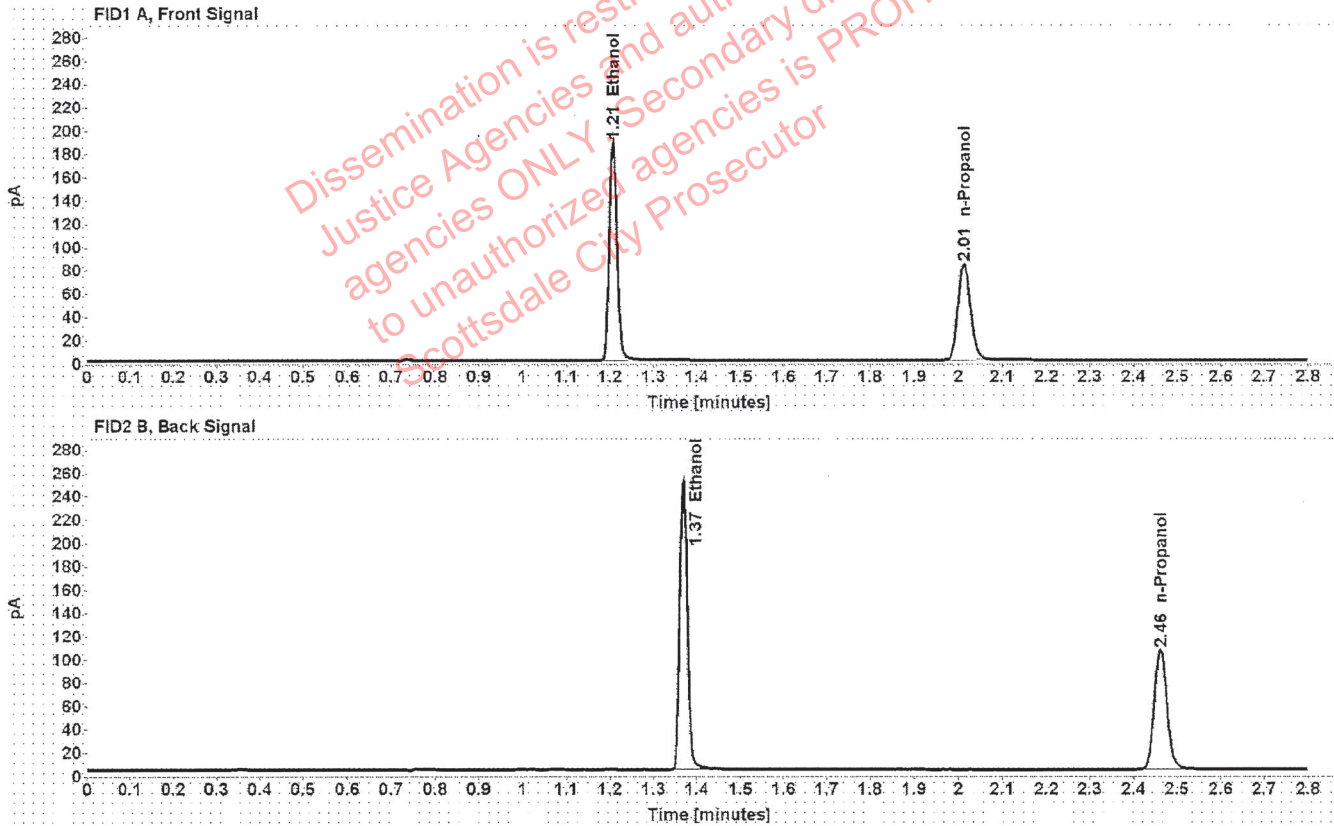


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	238.124
n-Propanol	2.013	165.237

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

Compound	Time (min)	Peak Area
Ethanol	1.369	302.456
n-Propanol	2.462	208.023



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	071521AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 12:08:07 PM
Data file:	C:\Chem32\1\Data\03Aug21\5.D	Analyst:	Canonico <i>EC</i>

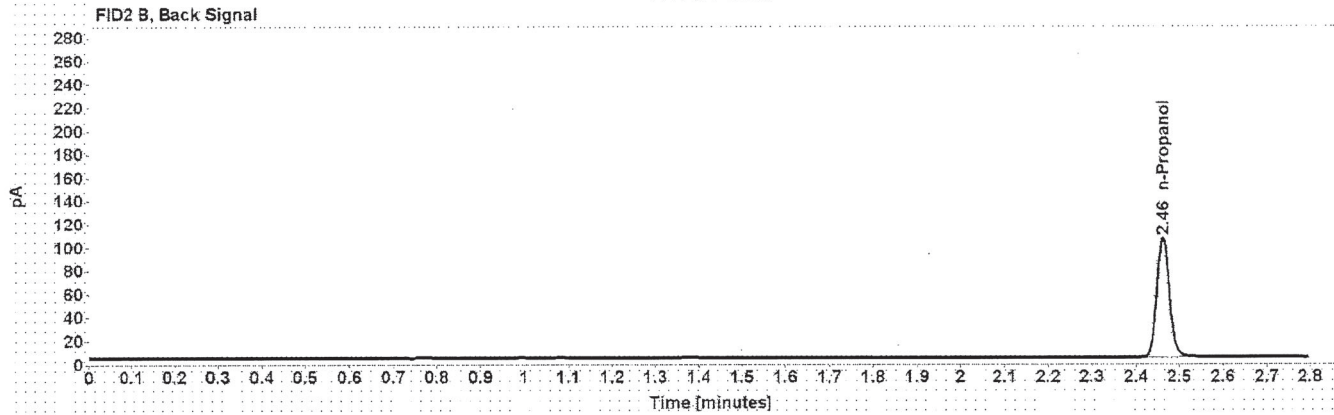


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.013	164.415

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

Compound	Time (min)	Peak Area
n-Propanol	2.462	207.006

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 03Aug21
Instrument: US14173023 CN14160045	Injection date: 8/3/2021 12:12:09 PM
Data file: C:\Chem32\1\Data\03Aug21\6.D	Analyst: Canonico <i>EC</i>

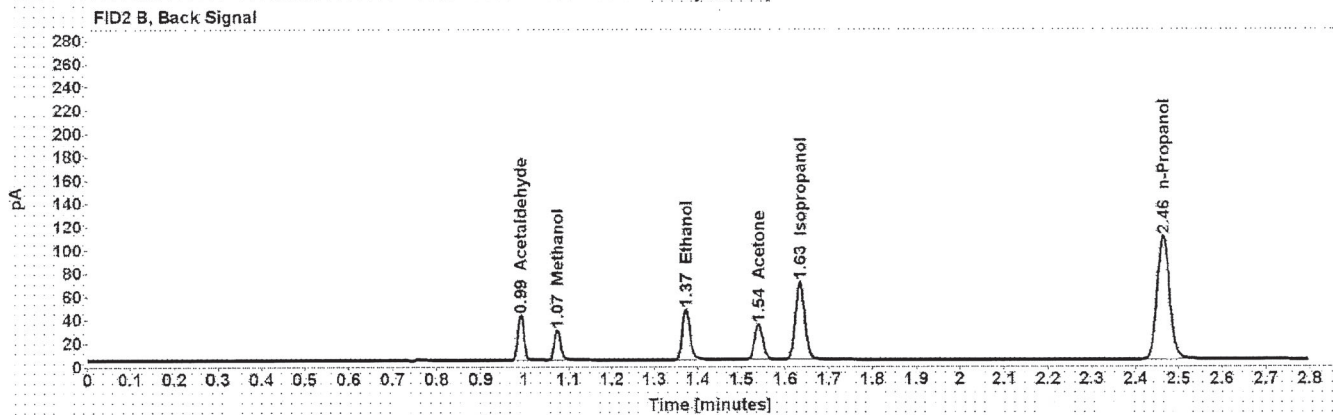
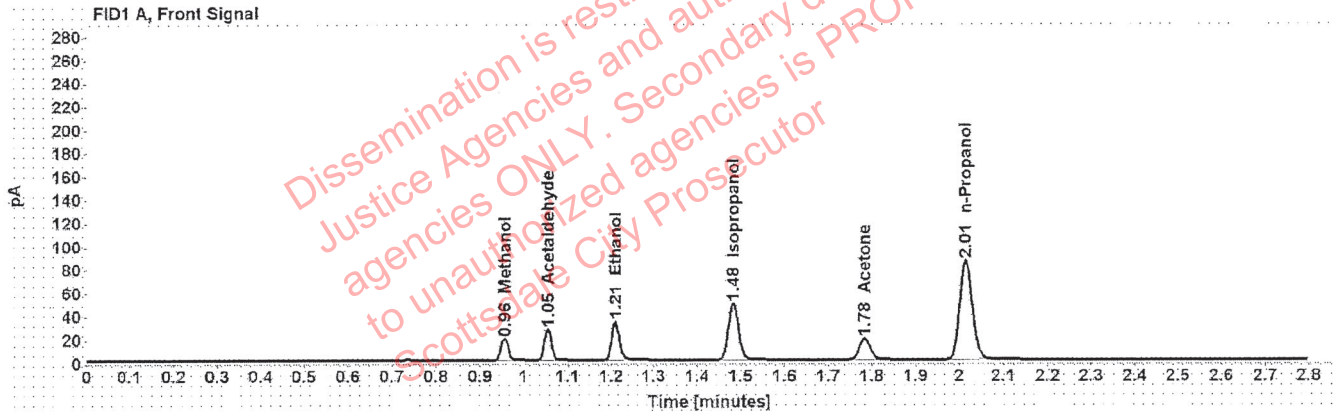


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	21.034
Acetaldehyde	-----	1.054	29.086
>Ethanol	0.0698	1.210	42.334
Isopropanol	-----	1.483	77.616
Acetone	-----	1.783	31.088
n-Propanol	-----	2.014	169.469

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	37.798
Methanol	1.074	27.172
Ethanol	1.373	53.493
Acetone	1.539	39.209
Isopropanol	1.634	100.275
n-Propanol	2.464	213.145



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 03Aug21
Instrument: US14173023 CN14160045	Injection date: 8/3/2021 12:16:22 PM
Data file: C:\Chem32\1\Data\03Aug21\7.D	Analyst: Canonico <i>EC</i>

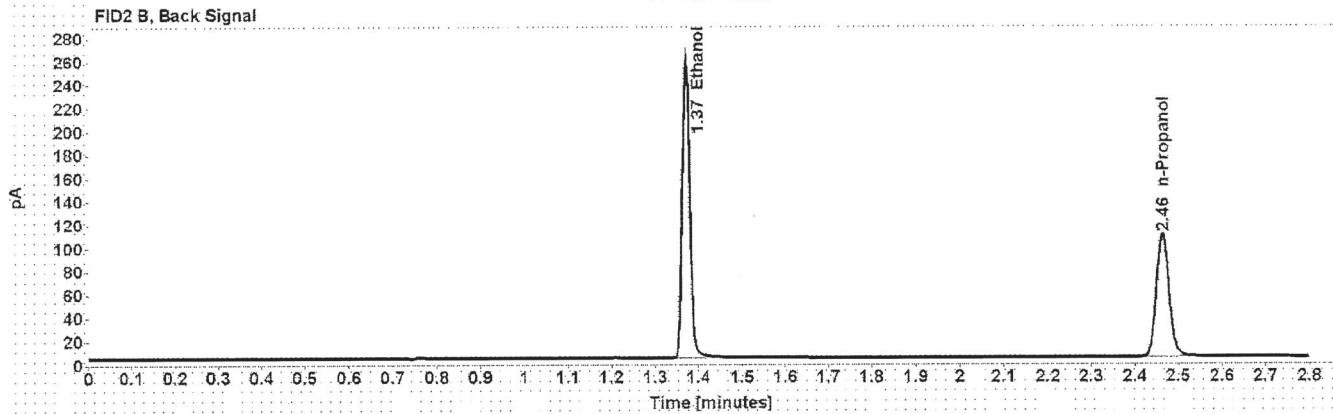
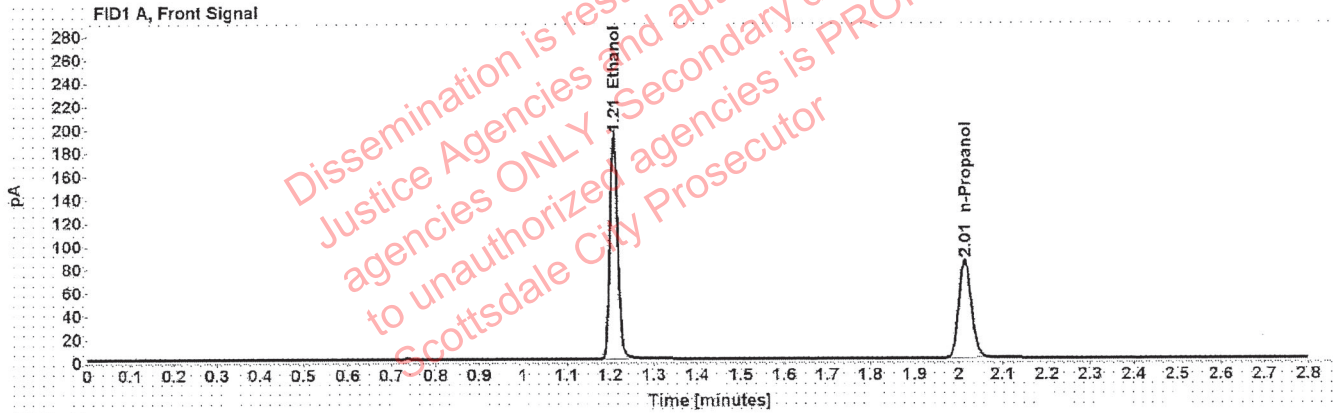


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4030	1.208	244.061
n-Propanol	-----	2.014	168.170

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

Compound	Time (min)	Peak Area
Ethanol	1.372	310.180
n-Propanol	2.464	211.740

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 12:20:22 PM
Data file:	C:\Chem32\1\Data\03Aug21\8.D	Analyst:	Canonico <i>ec</i>

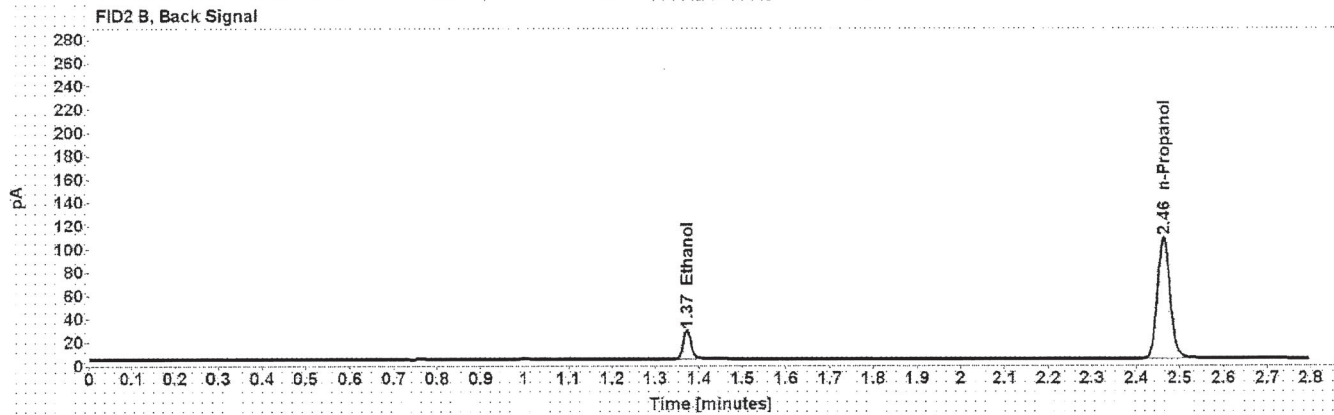
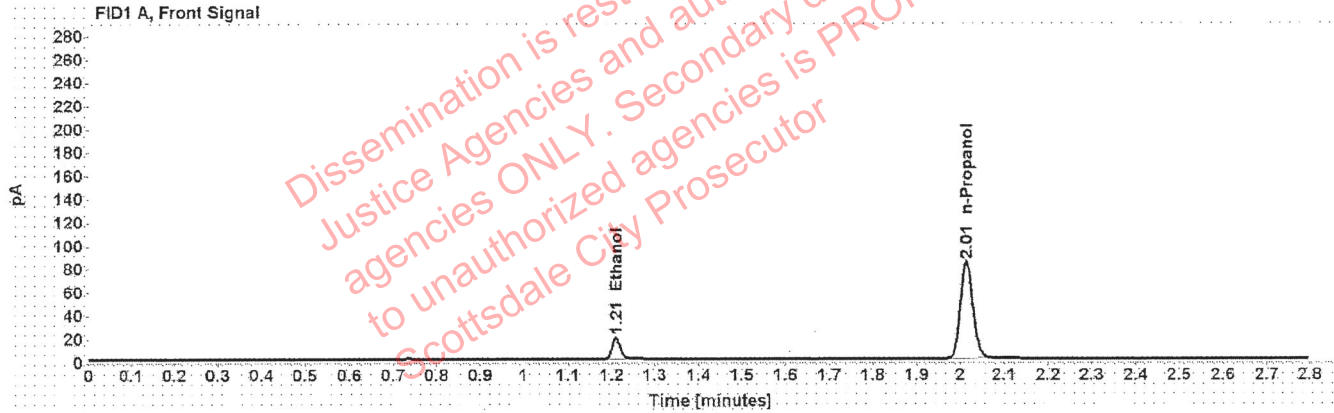


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0404	1.210	23.909
n-Propanol	-----	2.014	166.669

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

Compound	Time (min)	Peak Area
Ethanol	1.372	30.157
n-Propanol	2.463	210.116



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	9
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 12:24:22 PM
Data file:	C:\Chem32\1\Data\03Aug21\9.D	Analyst:	Canonico <i>EC</i>

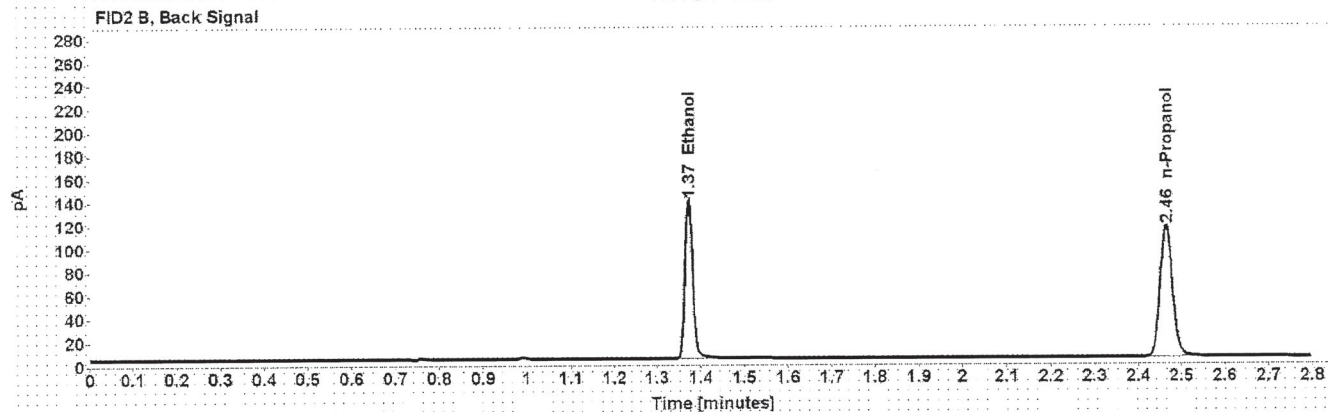
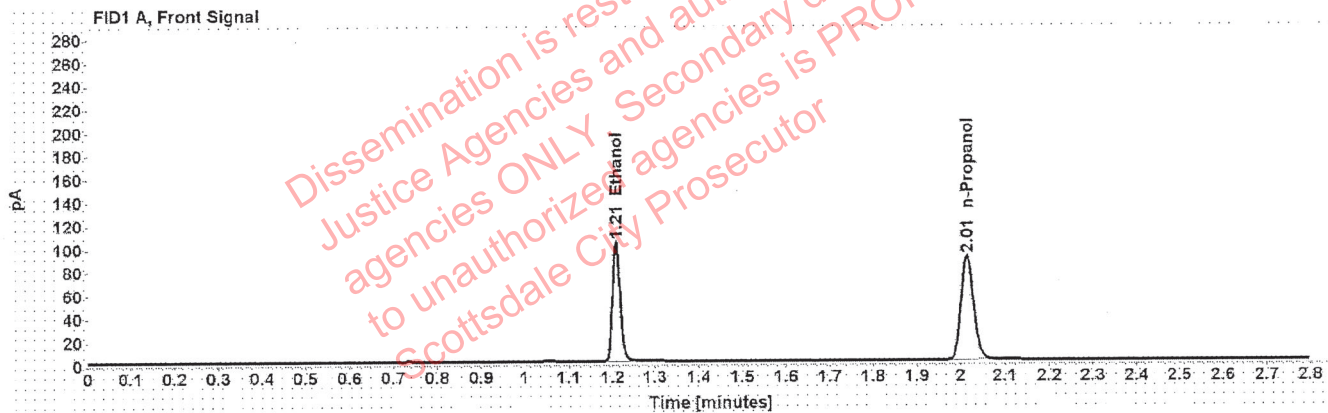


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2046	1.209	131.469
n-Propanol	-----	2.015	178.704

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

Compound	Time (min)	Peak Area
Ethanol	1.373	166.887
n-Propanol	2.465	225.257

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 03Aug21
Instrument: US14173023 CN14160045	Injection date: 8/3/2021 1:08:53 PM
Data file: C:\Chem32\1\Data\03Aug21\20.D	Analyst: Canonico <i>ec</i>

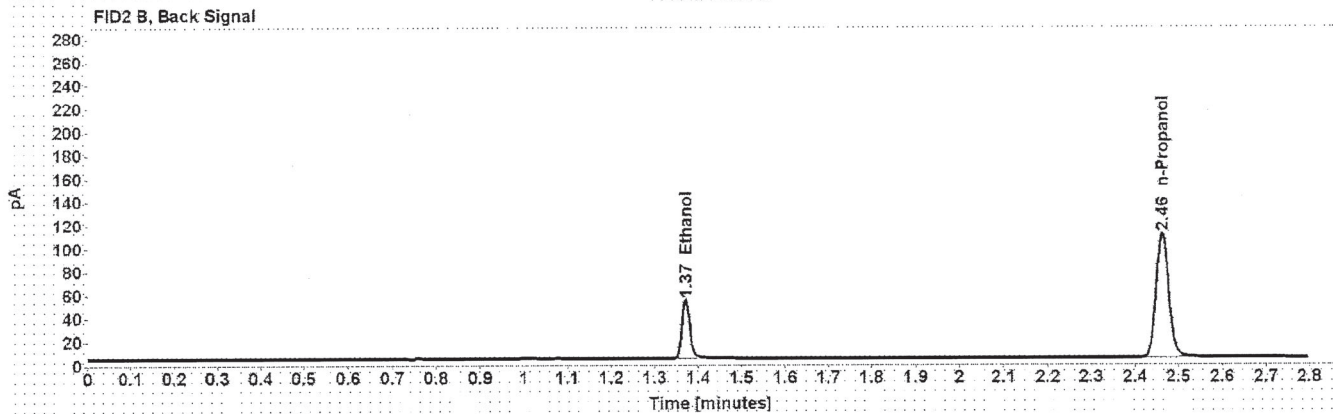
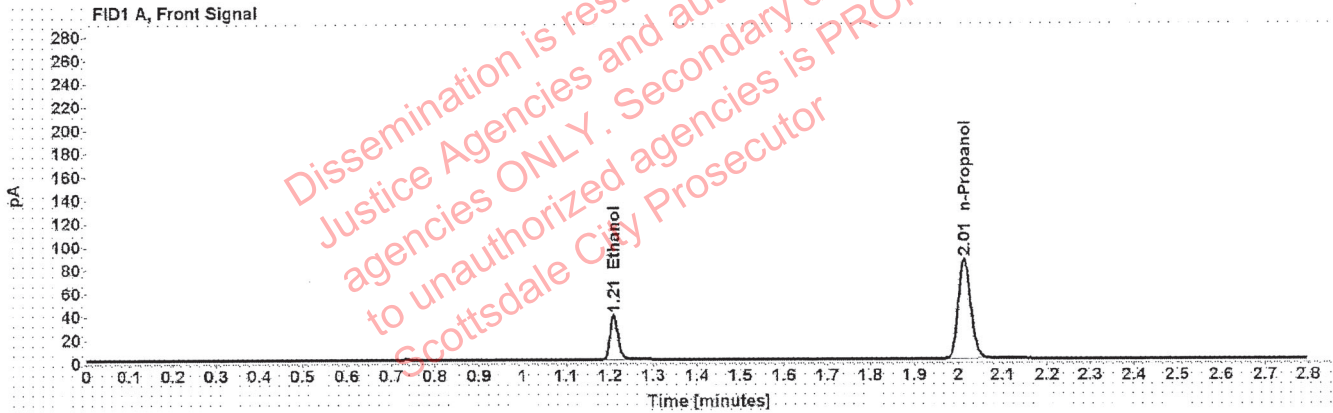


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0802	1.209	49.193
n-Propanol	-----	2.013	171.273

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

Compound	Time (min)	Peak Area
Ethanol	1.371	62.137
n-Propanol	2.463	215.634

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 31
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 03Aug21
Instrument: US14173023 CN14160045	Injection date: 8/3/2021 1:53:24 PM
Data file: C:\Chem32\1\Data\03Aug21\31.D	Analyst: Canonico <i>EC</i>

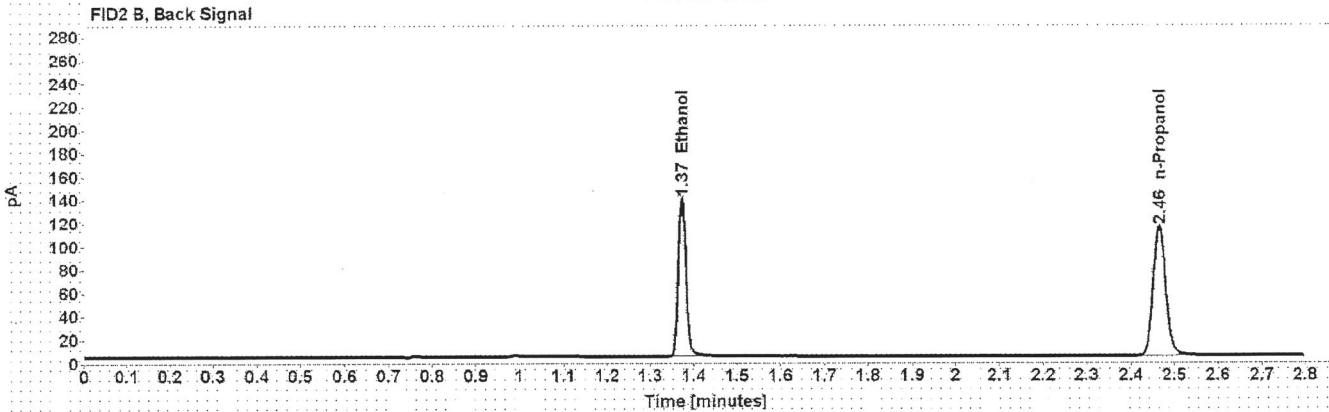
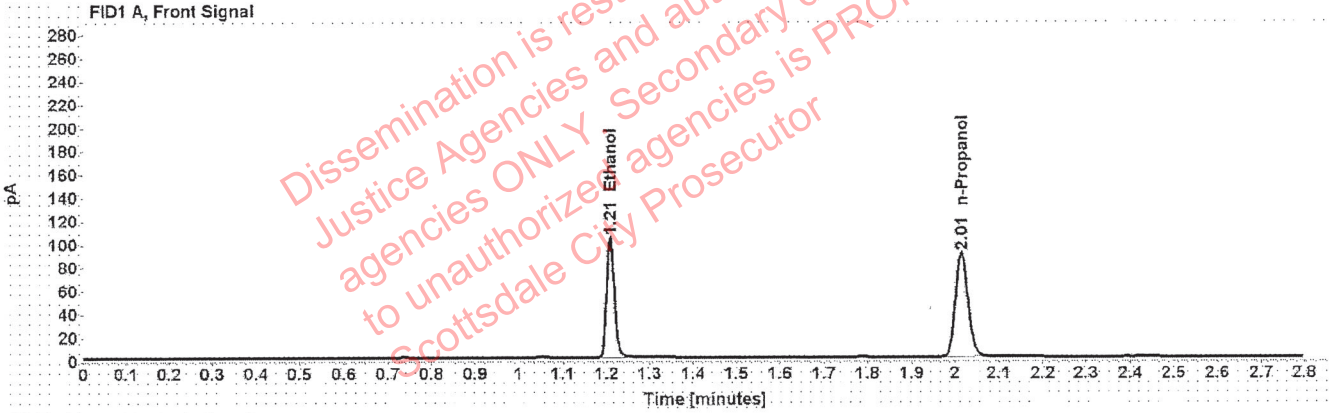


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2057	1.209	131.799
n-Propanol	-----	2.015	178.167

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

Compound	Time (min)	Peak Area
Ethanol	1.373	167.081
n-Propanol	2.465	224.341

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 42
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 03Aug21
Instrument: US14173023 CN14160045	Injection date: 8/3/2021 2:37:38 PM
Data file: C:\Chem32\1\Data\03Aug21\42.D	Analyst: Canonico <i>EC</i>

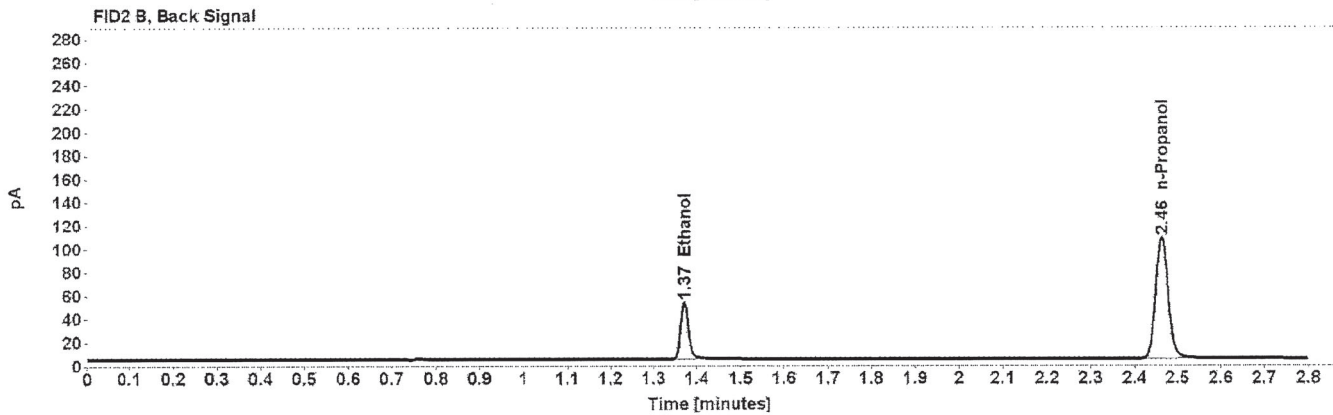
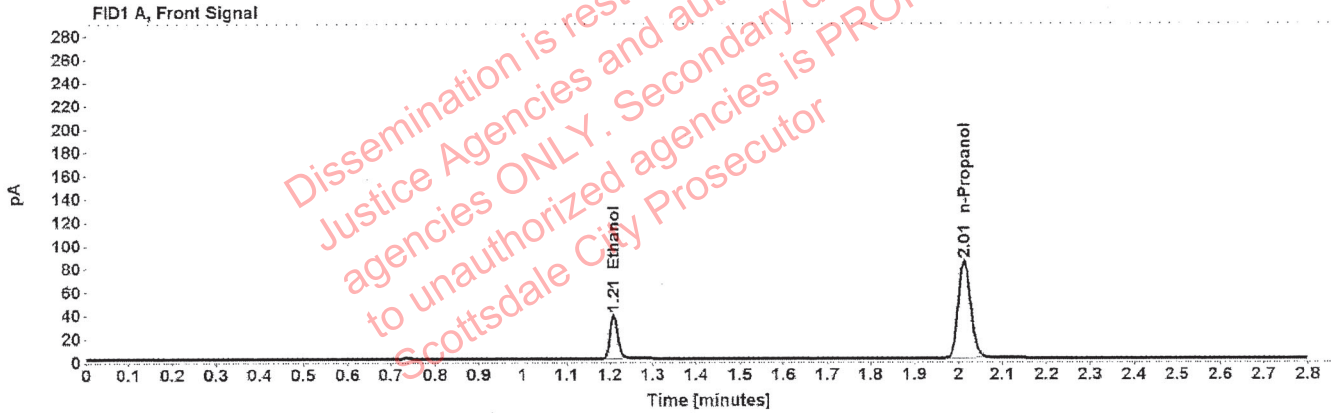


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0803	1.209	48.051
n-Propanol	-----	2.014	167.121

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

Compound	Time (min)	Peak Area
Ethanol	1.371	60.696
n-Propanol	2.463	210.625



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 53
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 03Aug21
Instrument: US14173023 CN14160045	Injection date: 8/3/2021 3:22:09 PM
Data file: C:\Chem32\1\Data\03Aug21\53.D	Analyst: Canonico <i>EQ</i>

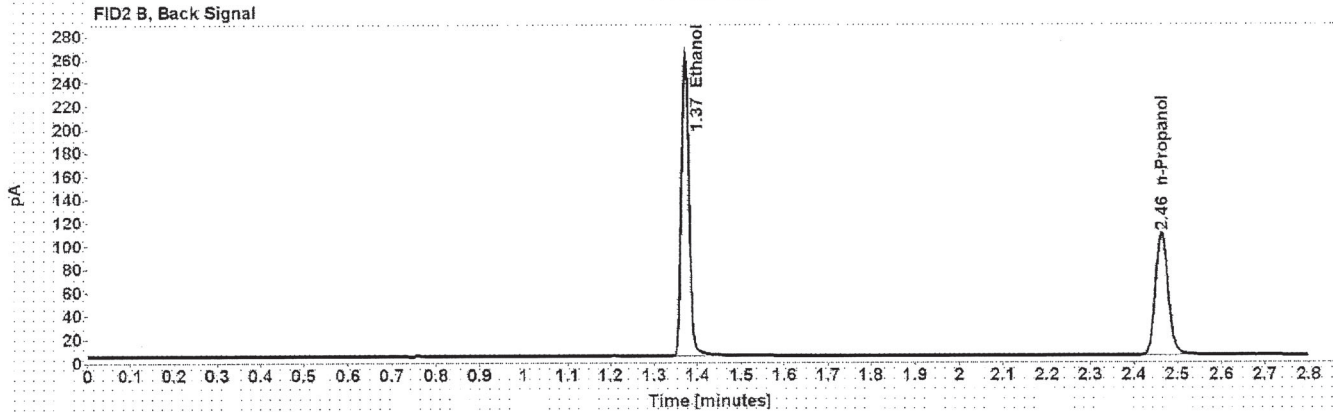
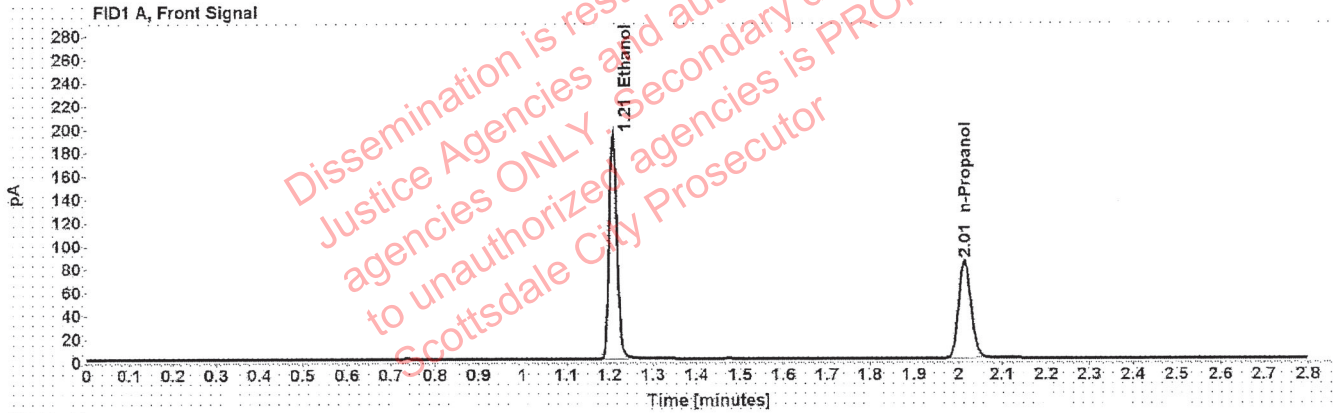


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4078	1.208	246.769
n-Propanol	-----	2.014	168.038

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

Compound	Time (min)	Peak Area
Ethanol	1.372	313.284
n-Propanol	2.464	211.788

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	54
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 3:26:08 PM
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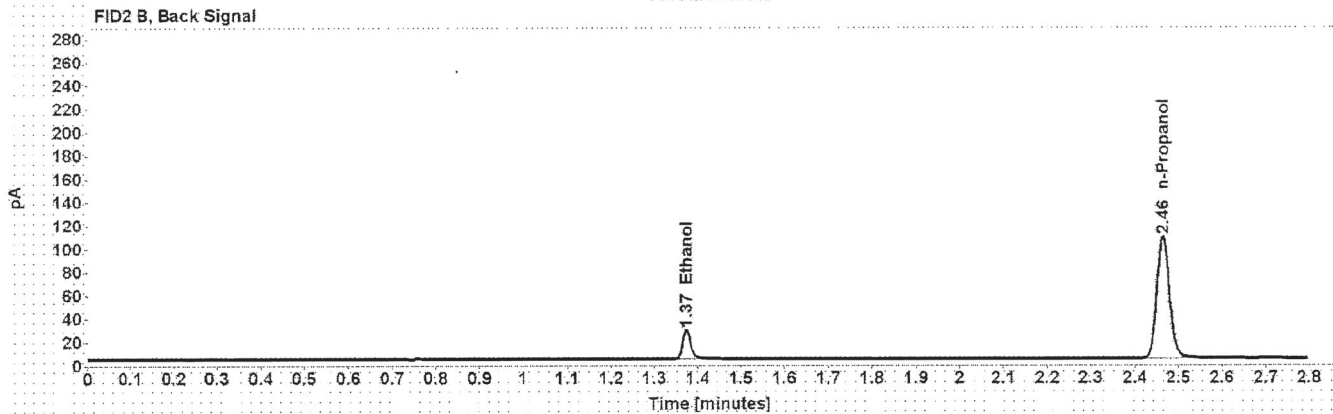
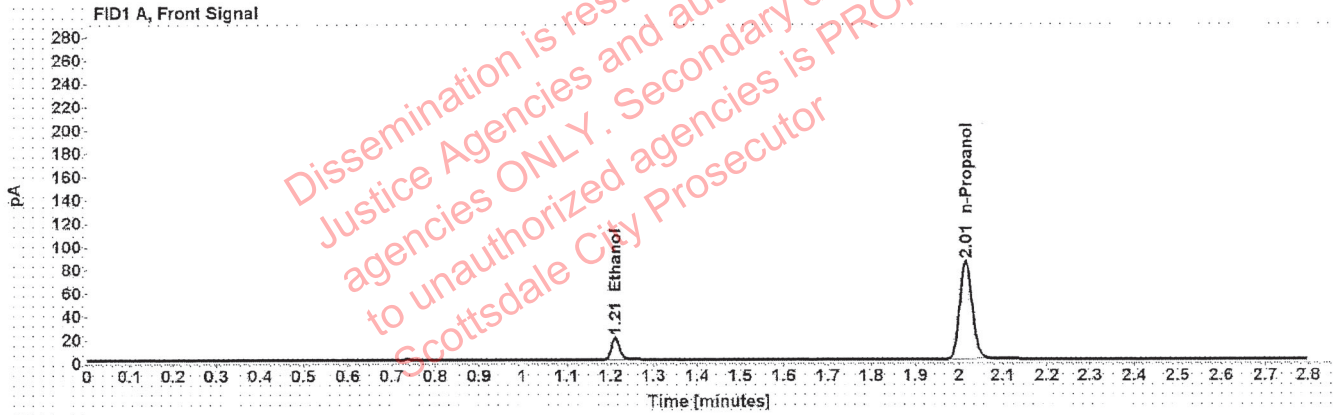


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.211	24.511
n-Propanol	-----	2.015	168.092

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.918
n-Propanol	2.465	211.780

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	55
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 3:30:23 PM
Data file:	C:\Chem32\1\Data\03Aug21\55.D	Analyst:	Canonico <i>EC</i>

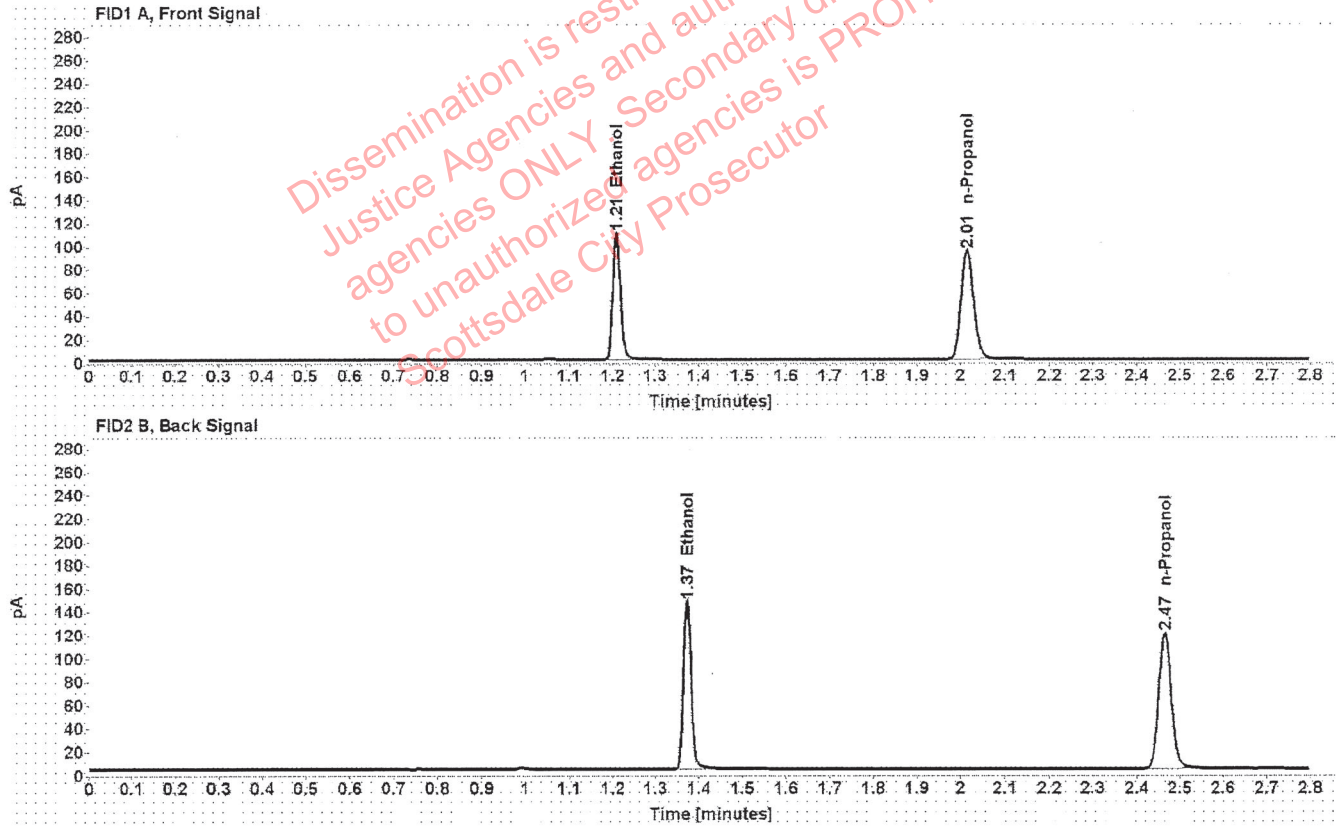


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2076	1.209	139.548
n-Propanol	-----	2.015	186.872

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

Compound	Time (min)	Peak Area
Ethanol	1.373	177.077
n-Propanol	2.465	235.533

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	111020WB	<b>Vial:</b>	56
<b>Description:</b>	Negative	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	03Aug21
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	8/3/2021 3:34:25 PM
<b>Data file:</b>	C:\Chem32\1\Data\03Aug21\56.D	<b>Analyst:</b>	Canonico <i>EC</i>

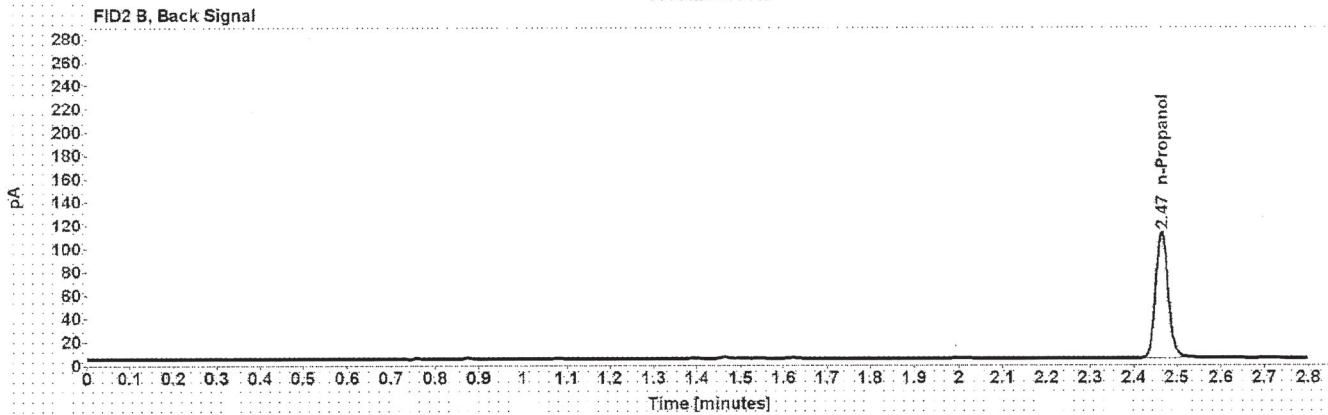


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	173.358

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

Compound	Time (min)	Peak Area
n-Propanol	2.465	219.118



# Sequence Summary

Sequence name: 03Aug21      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	071521AQ	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	4101018274/9	0.200	Control		ethanol quant.M
10	1381905		Sample		ethanol quant.M
11	1381905		Sample		ethanol quant.M
12	1350992		Sample		ethanol quant.M
13	1350992		Sample		ethanol quant.M
14	1353732		Sample		ethanol quant.M
15	1353732		Sample		ethanol quant.M
16	1382118		Sample		ethanol quant.M
17	1382118		Sample		ethanol quant.M
18	1382256		Sample		ethanol quant.M
19	1382256		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1382683		Sample		ethanol quant.M
22	1382683		Sample		ethanol quant.M
23	1382635		Sample		ethanol quant.M
24	1382635		Sample		ethanol quant.M
25	1345614		Sample		ethanol quant.M
26	1345614		Sample		ethanol quant.M
27	1382485		Sample		ethanol quant.M
28	1382485		Sample		ethanol quant.M
29	1382280		Sample		ethanol quant.M
30	1382280		Sample		ethanol quant.M
31	4101018274/9	0.200	Control		ethanol quant.M
32	1381926		Sample		ethanol quant.M
33	1381926		Sample		ethanol quant.M
34	1380024		Sample		ethanol quant.M
35	1380024		Sample		ethanol quant.M
36	1381900		Sample		ethanol quant.M
37	1381900		Sample		ethanol quant.M
38	1382104		Sample		ethanol quant.M
39	1382104		Sample		ethanol quant.M
40	1354489		Sample		ethanol quant.M
41	1354489		Sample		ethanol quant.M
42	20012020-B	0.080	Control		ethanol quant.M
43	1351415		Sample		ethanol quant.M
44	1351415		Sample		ethanol quant.M
45	1348371		Sample		ethanol quant.M
46	1348371		Sample		ethanol quant.M
47	1382960		Sample		ethanol quant.M

Dissemination is restricted to Criminal Justice Agencies and authorized agencies only. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

# Sequence Summary

EE

48	1382960		Sample		ethanol quant.M
49	1382948		Sample		ethanol quant.M
50	1382948		Sample		ethanol quant.M
51	1382262		Sample		ethanol quant.M
52	1382262		Sample		ethanol quant.M
53	11092018-A	0.400	Control		ethanol quant.M
54	14082019-B	0.040	Control		ethanol quant.M
55	4101018274/9	0.200	Control		ethanol quant.M
56	111020WB	Negative	Control		ethanol quant.M

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 03Aug21

ANALYST: Canonico EQ

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2105	0.2104	0.21045	0.02	0.00005
12 13	0.1177	0.1172	0.11745	0.21	0.00025
14 15	0.1892	0.1876	0.18840	0.42	0.00080
16 17	0.2016	0.2030	0.20230	0.35	0.00070
18 19	0.0525	0.0527	0.05260	0.19	0.00010
21 22	0.3042	0.3044	0.30430	0.03	0.00010
23 24	0.0299	0.0303	0.03010	0.66	0.00020
25 26	0.0980	0.0993	0.09865	0.66	0.00065
27 28	0.0952	0.0948	0.09500	0.21	0.00020
29 30	0.0821	0.0820	0.08205	0.06	0.00005
32 33	0.2011	0.2014	0.20125	0.07	0.00015
34 35	0.1631	0.1616	0.16235	0.46	0.00075
36 37	0.2733	0.2745	0.27390	0.22	0.00060
38 39	0.1166	0.1165	0.11655	0.04	0.00005
40 41	0.2719	0.2701	0.27100	0.33	0.00090
43 44	0.1264	0.1272	0.12680	0.32	0.00040
45 46	0.0975	0.0970	0.09725	0.26	0.00025
47 48	0.2722	0.2718	0.27200	0.07	0.00020
49 50	0.0174	0.0172	0.01730	0.58	0.00010
51 52	0.1359	0.1351	0.13550	0.30	0.00040

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







██████████: Canonico, Erika - (04-Aug-2021)

Case: ██████████ User: ecanonico 8/4/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1381905	Vial:	10
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 12:28:24 PM
Data file:	C:\Chem32\1\Data\03Aug21\10.D	Analyst:	Canonico

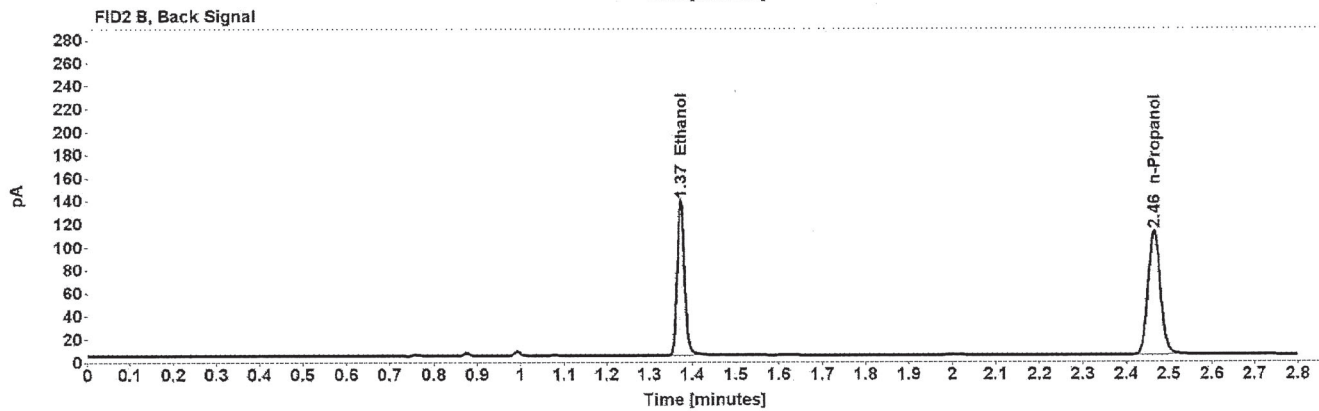
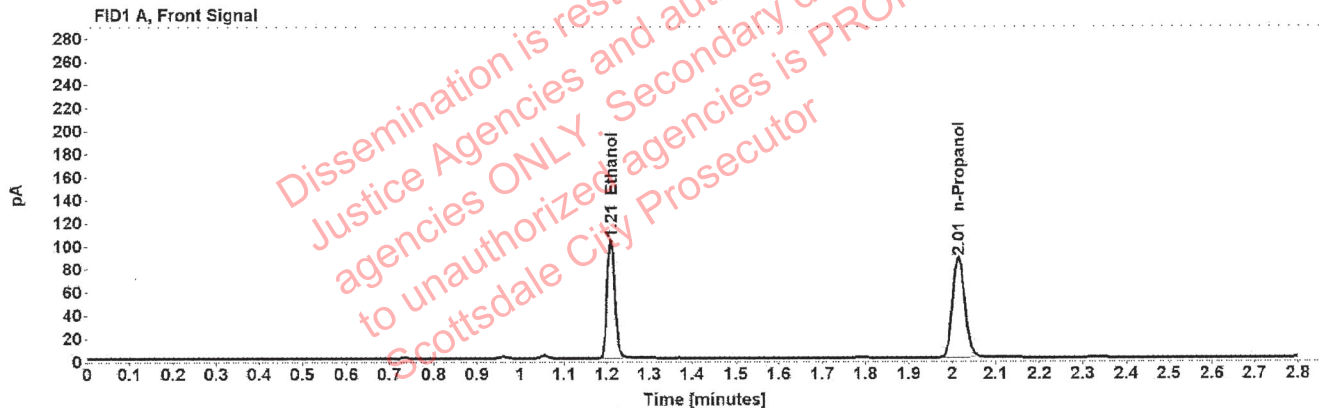


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2105	1.209	130.611
n-Propanol	-----	2.015	172.519

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

Compound	Time (min)	Peak Area
Ethanol	1.373	165.235
n-Propanol	2.465	217.389

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1381905	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 12:32:22 PM
Data file:	C:\Chem32\1\Data\03Aug21\11.D	Analyst:	Canonico

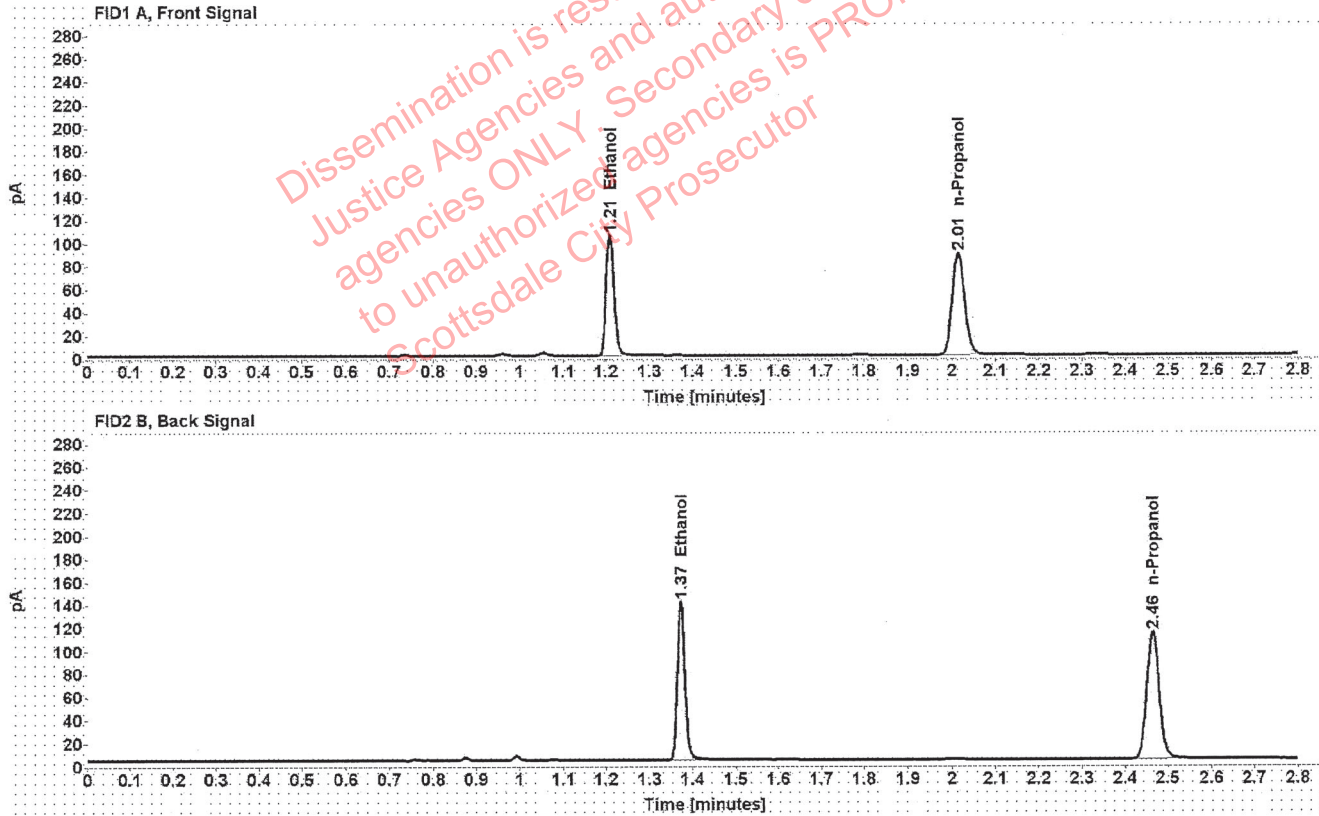


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2104	1.209	133.395
n-Propanol	-----	2.015	176.319

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

Compound	Time (min)	Peak Area
Ethanol	1.373	170.257
n-Propanol	2.465	222.162

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350992	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 12:36:22 PM
Data file:	C:\Chem32\1\Data\03Aug21\12.D	Analyst:	Canonico

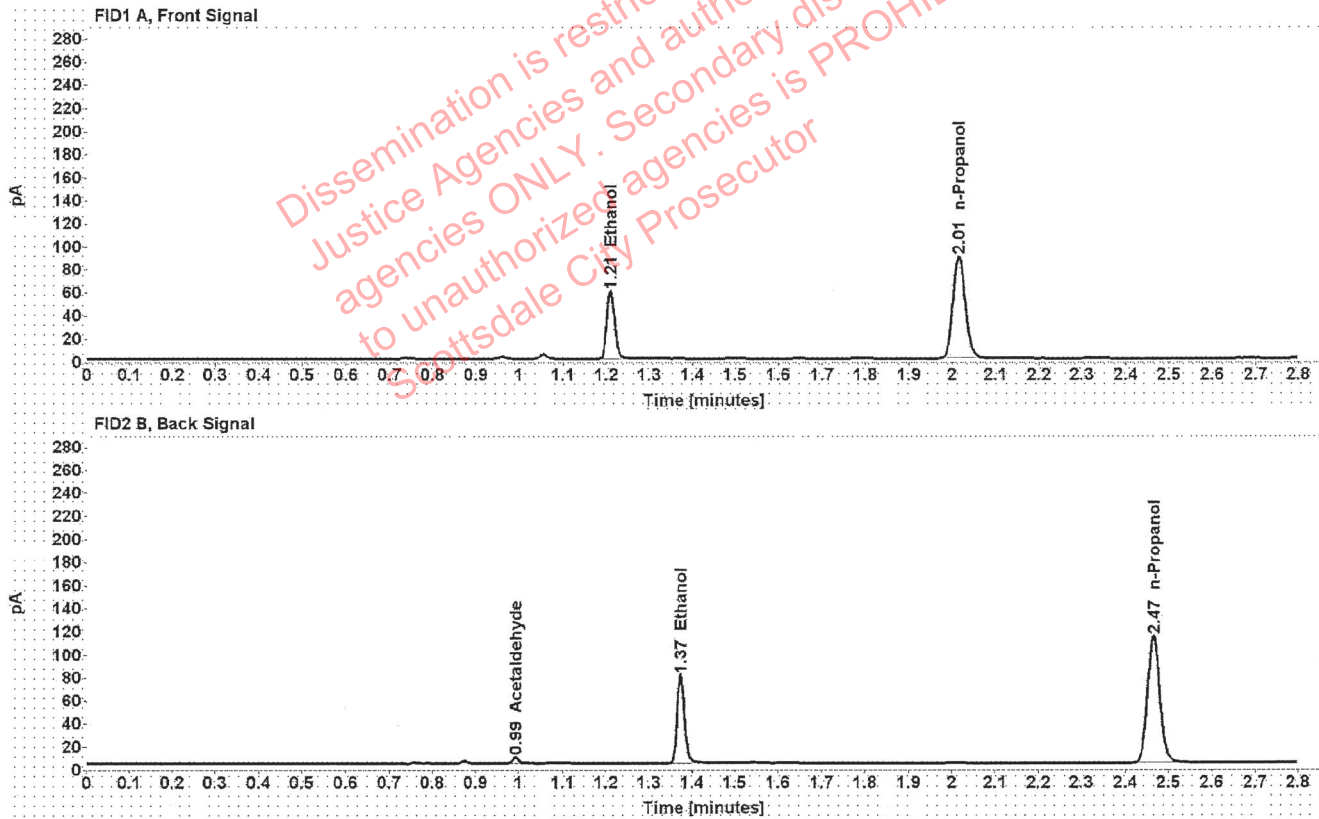


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1177	1.210	74.508
n-Propanol	-----	2.015	176.393

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.908
Ethanol	1.373	94.039
n-Propanol	2.465	222.322

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1350992	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 12:40:37 PM
Data file:	C:\Chem32\1\Data\03Aug21\13.D	Analyst:	Canonico

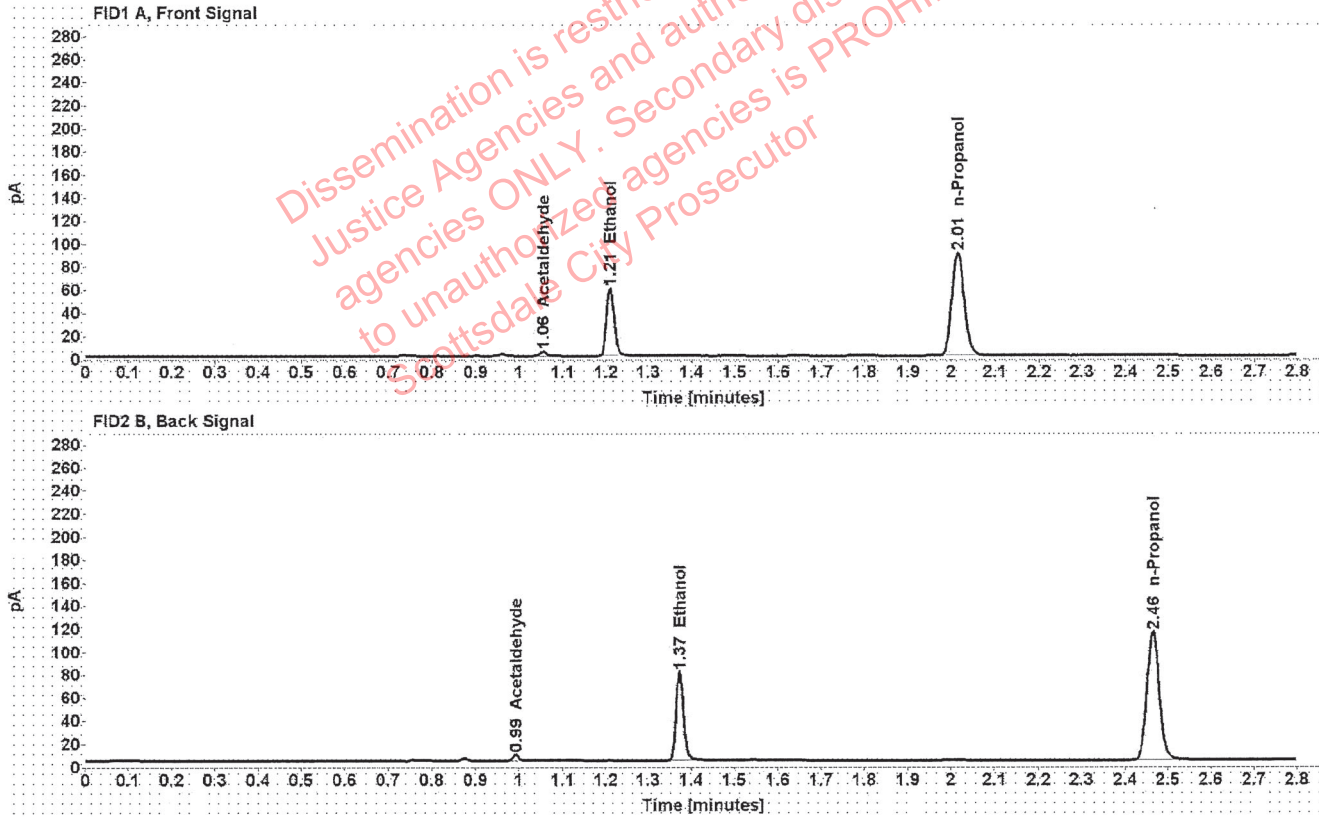


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.755
>Ethanol	0.1172	1.210	75.087
n-Propanol	-----	2.015	178.468

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.937
Ethanol	1.373	94.477
n-Propanol	2.465	224.988



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1353732	Vial:	14
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 12:44:38 PM
Data file:	C:\Chem32\1\Data\03Aug21\14.D	Analyst:	Canonico

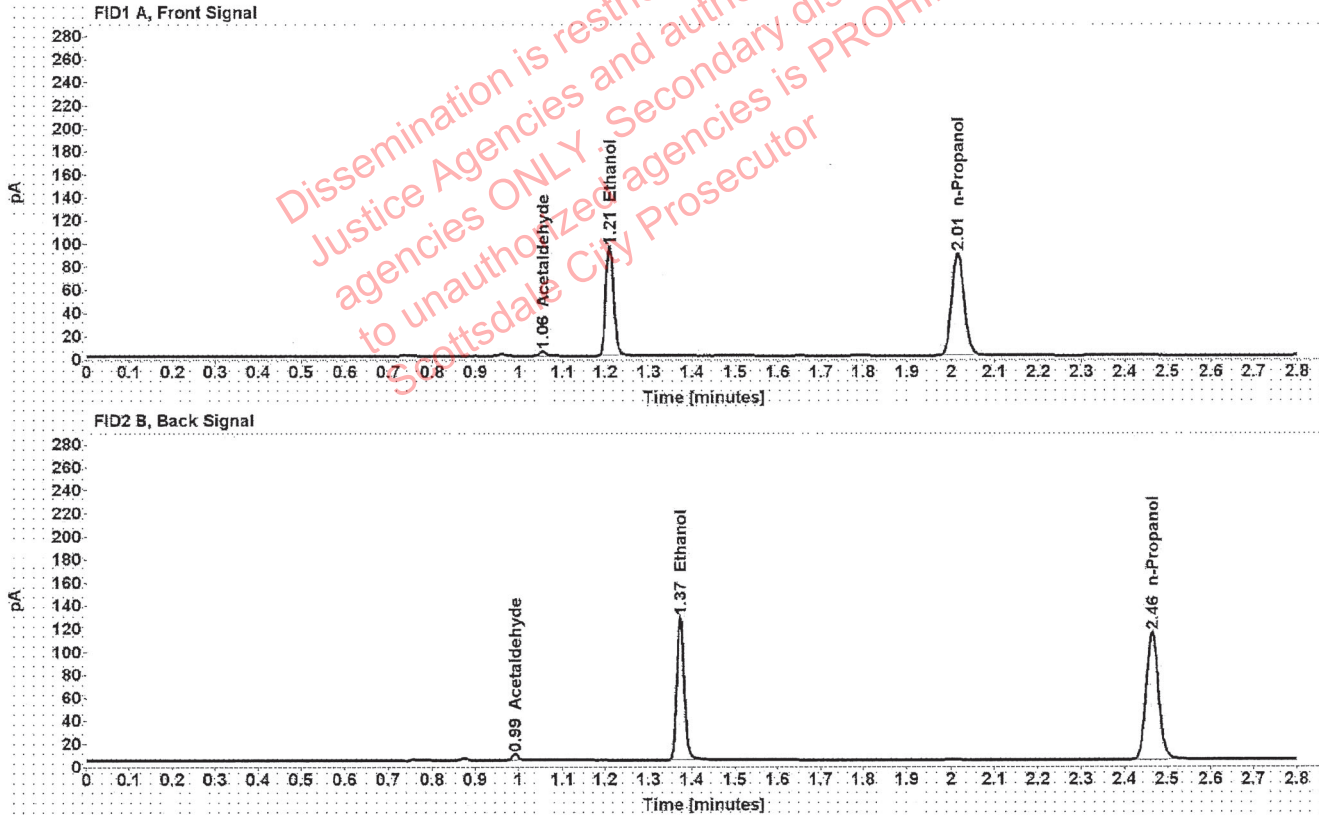


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.975
>Ethanol	0.1892	1.209	120.791
n-Propanol	-----	2.015	177.575

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.221
Ethanol	1.373	152.491
n-Propanol	2.465	223.684

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1353732	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 12:48:39 PM
Data file:	C:\Chem32\1\Data\03Aug21\15.D	Analyst:	Canonico

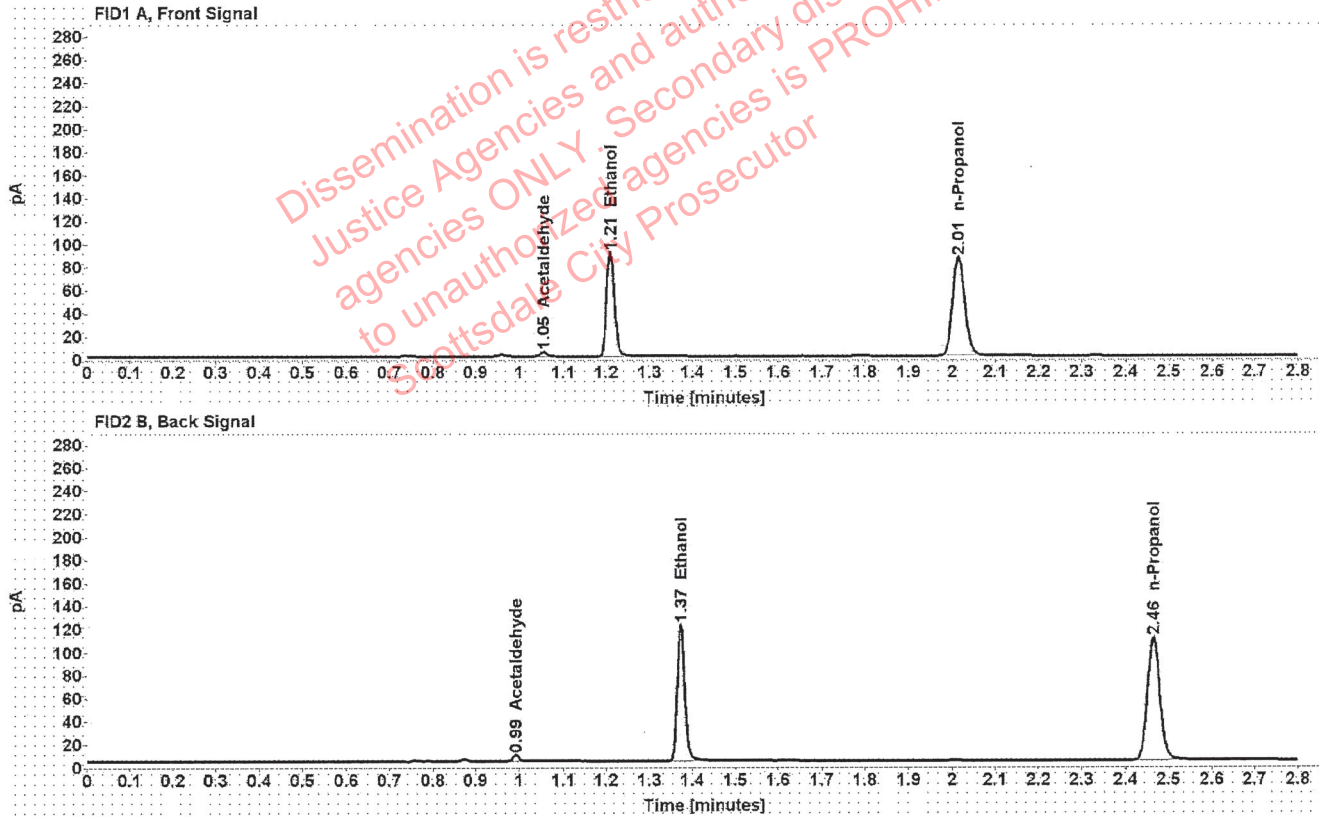


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.905
>Ethanol	0.1876	1.209	115.107
n-Propanol	-----	2.015	170.636

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.148
Ethanol	1.373	145.298
n-Propanol	2.465	214.815

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382118	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 12:52:38 PM
Data file:	C:\Chem32\1\Data\03Aug21\16.D	Analyst:	Canonico

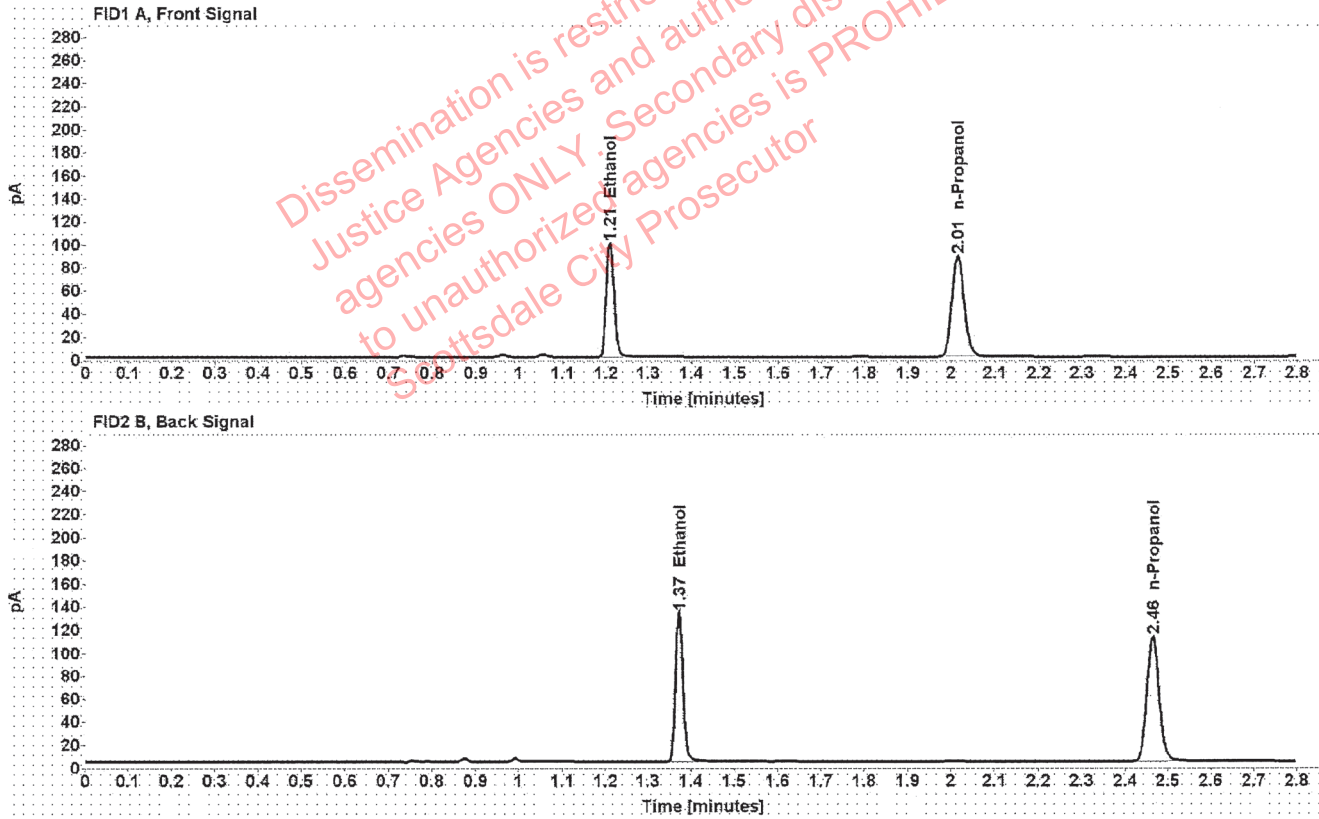


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2016	1.209	126.082
n-Propanol	-----	2.015	173.900

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

Compound	Time (min)	Peak Area
Ethanol	1.373	160.939
n-Propanol	2.465	219.198

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382118	Vial:	17
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 12:56:38 PM
Data file:	C:\Chem32\1\Data\03Aug21\17.D	Analyst:	Canonico

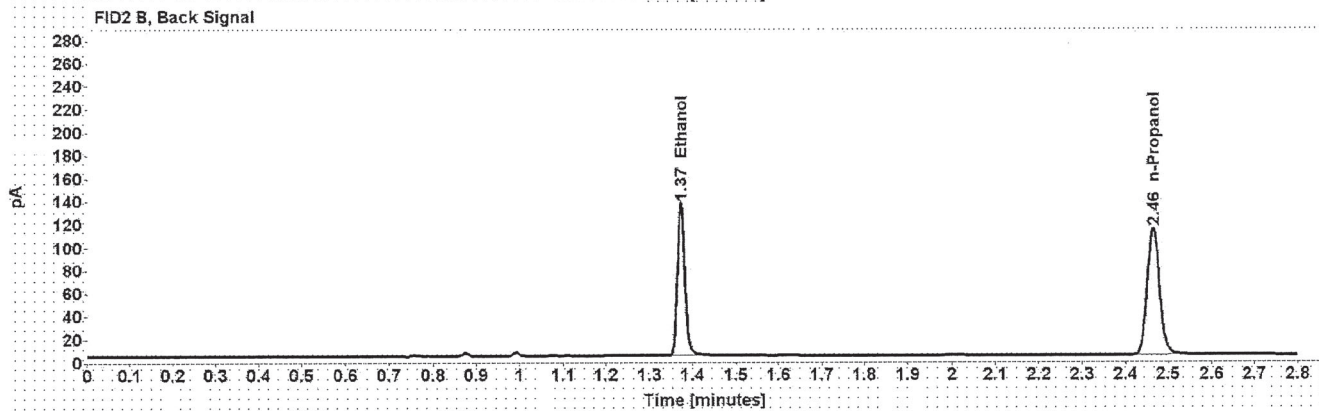
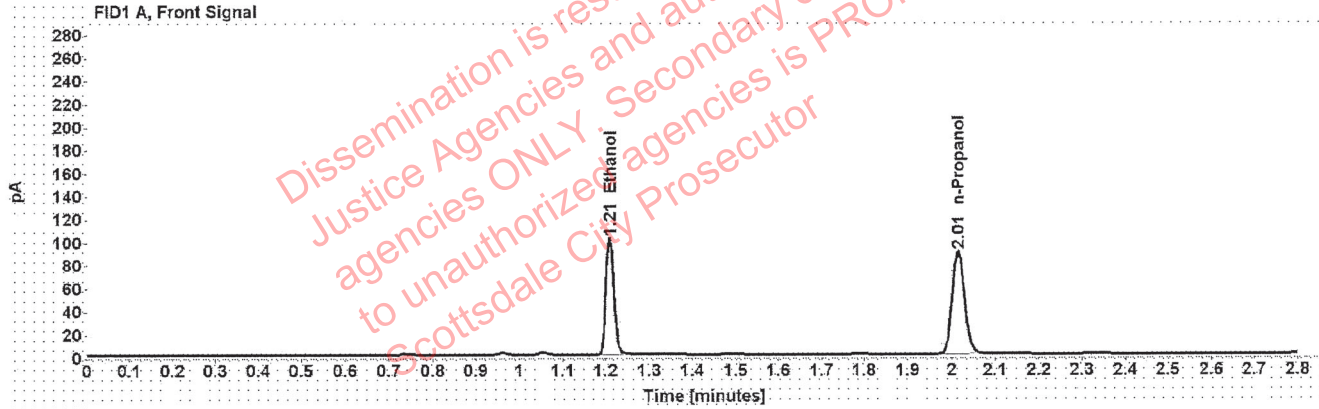


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2030	1.209	129.190
n-Propanol	-----	2.015	176.974

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

Compound	Time (min)	Peak Area
Ethanol	1.373	163.341
n-Propanol	2.465	223.141



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382256	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 1:00:37 PM
Data file:	C:\Cherr32\1\Data\03Aug21\18.D	Analyst:	Canonico

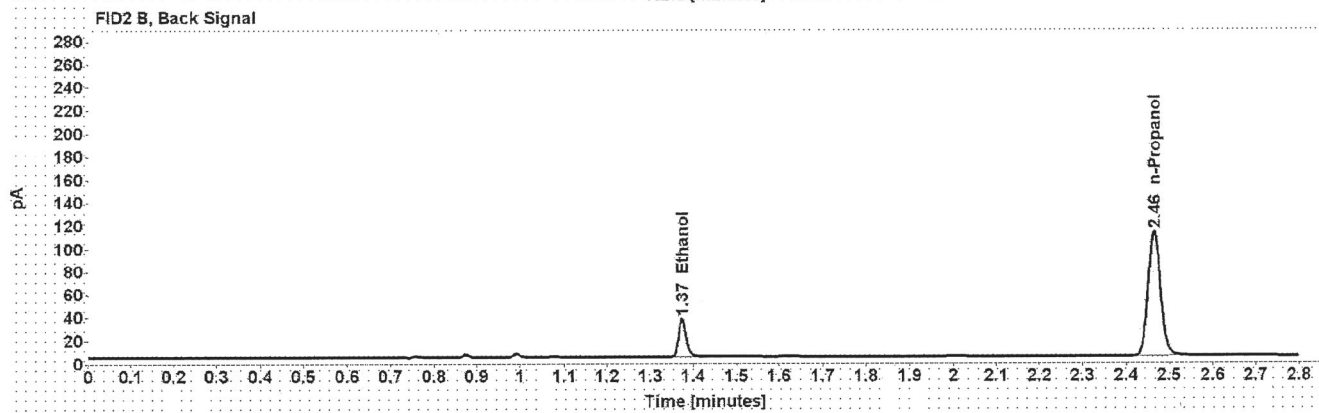
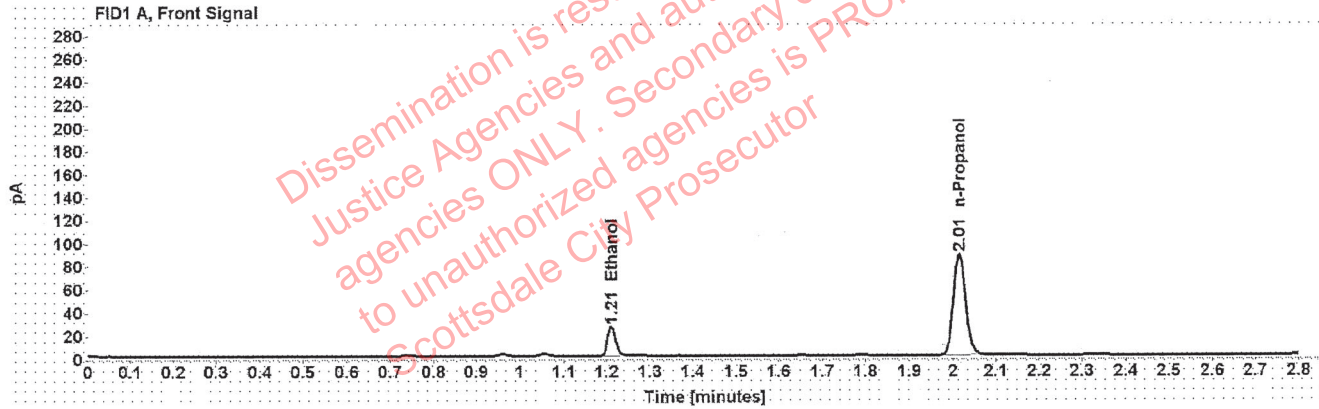


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0525	1.211	32.523
n-Propanol	-----	2.015	173.667

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

Compound	Time (min)	Peak Area
Ethanol	1.374	41.442
n-Propanol	2.465	219.130

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382256	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 1:04:53 PM
Data file:	C:\Chem32\1\Data\03Aug21\19.D	Analyst:	Canonico

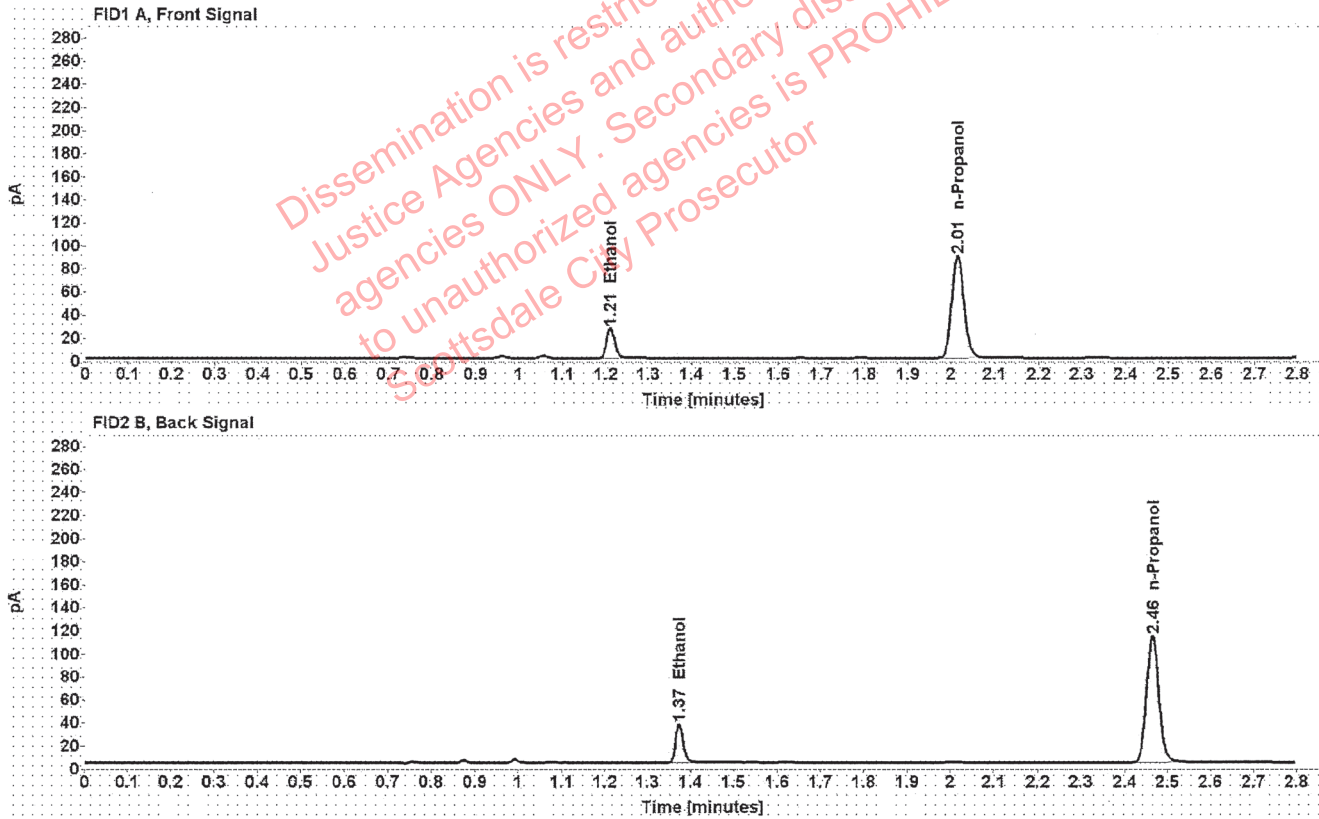


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0527	1.211	33.117
n-Propanol	-----	2.015	176.022

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

Compound	Time (min)	Peak Area
Ethanol	1.374	42.110
n-Propanol	2.465	222.189

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382683	Vial:	21
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 1:12:53 PM
Data file:	C:\Chem32\1\Data\03Aug21\21.D	Analyst:	Canonico

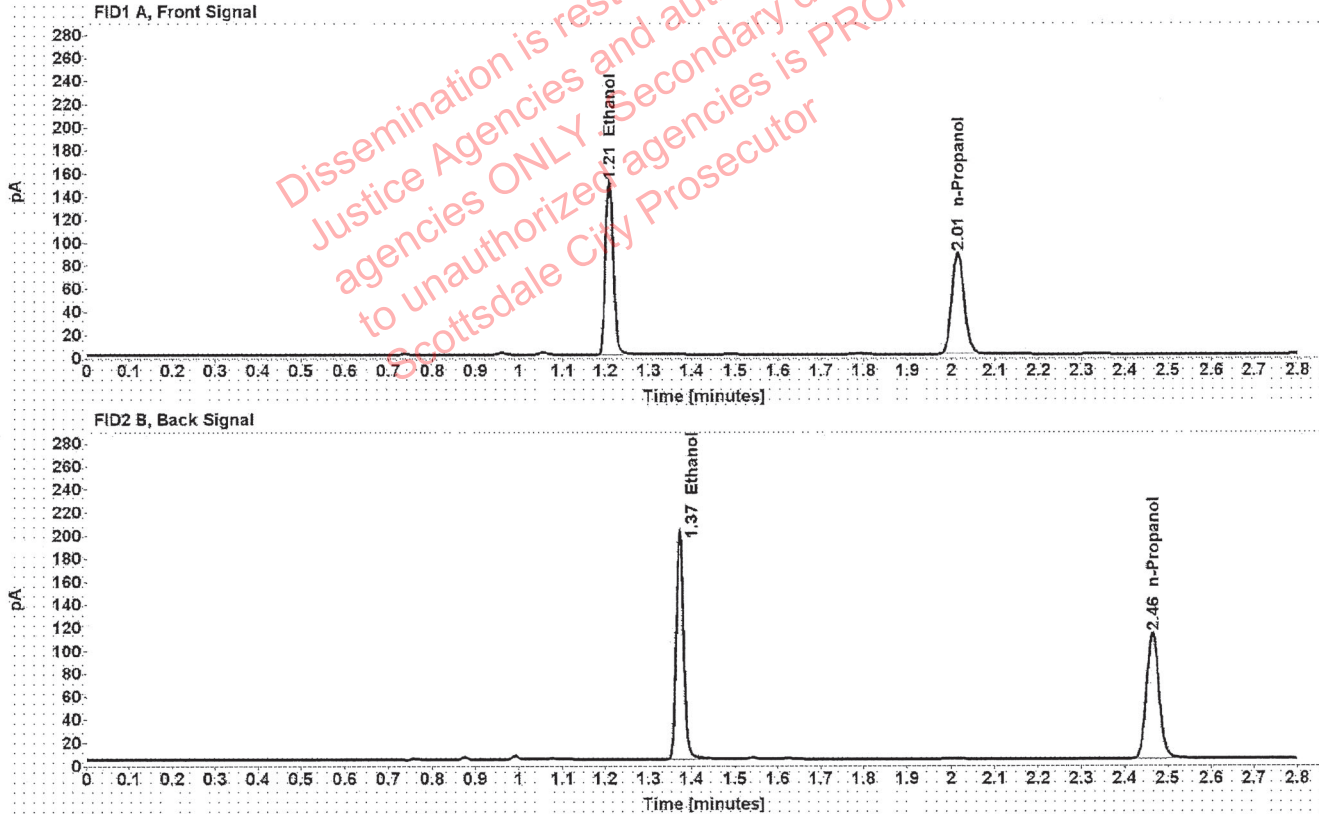


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3042	1.209	191.510
n-Propanol	-----	2.015	174.929

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

Compound	Time (min)	Peak Area
Ethanol	1.373	244.249
n-Propanol	2.465	220.486

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1382683	Vial: 22
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 03Aug21
Instrument: US14173023 CN14160045	Injection date: 8/3/2021 1:16:55 PM
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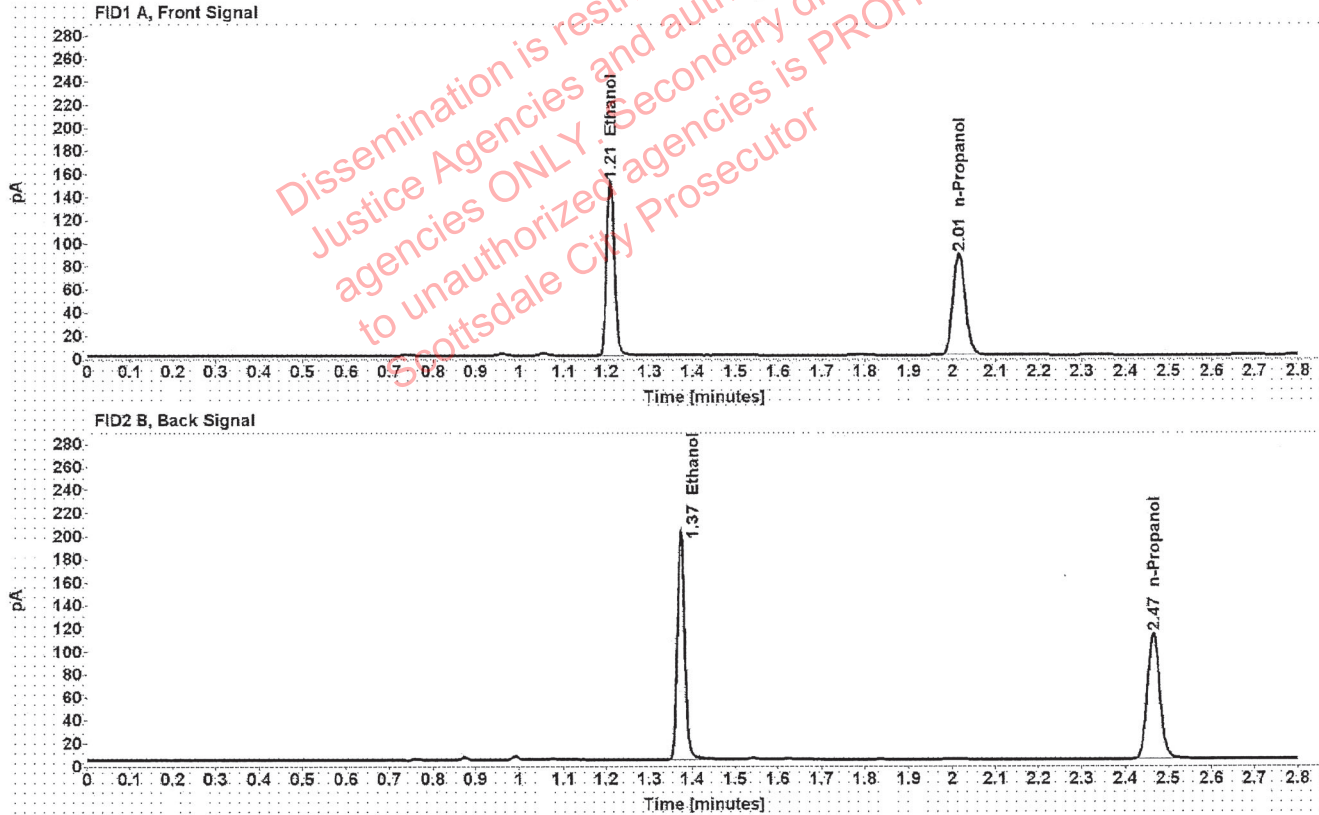


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3044	1.209	191.967
n-Propanol	-----	2.015	175.185

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

Compound	Time (min)	Peak Area
Ethanol	1.373	244.931
n-Propanol	2.465	220.993



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382635	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 1:20:54 PM
Data file:	C:\Chem32\1\Data\03Aug21\23.D	Analyst:	Canonico

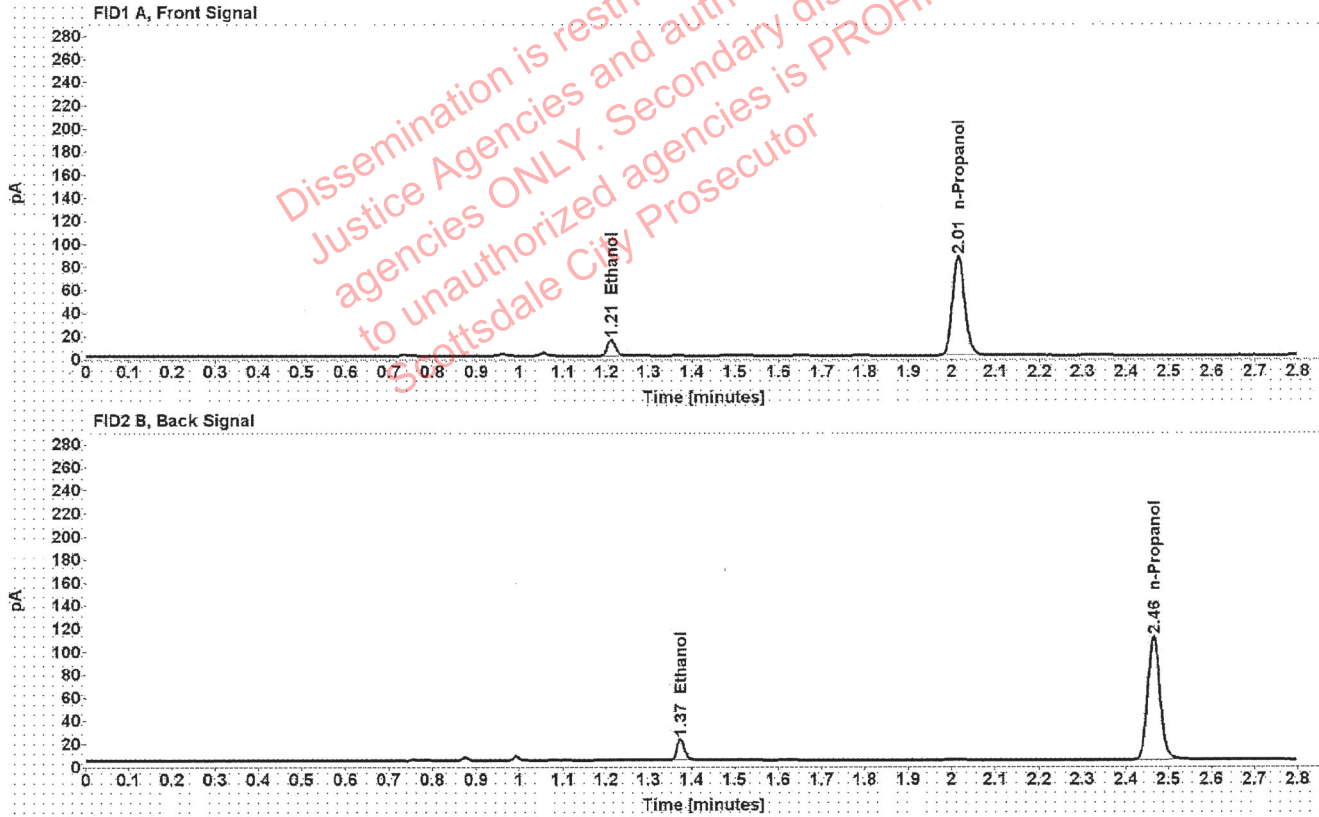


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0299	1.212	18.134
n-Propanol	-----	2.015	171.625

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

Compound	Time (min)	Peak Area
Ethanol	1.374	23.195
n-Propanol	2.465	216.676

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382635	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 1:24:54 PM
Data file:	C:\Chem32\1\Data\03Aug21\24.D	Analyst:	Canonico

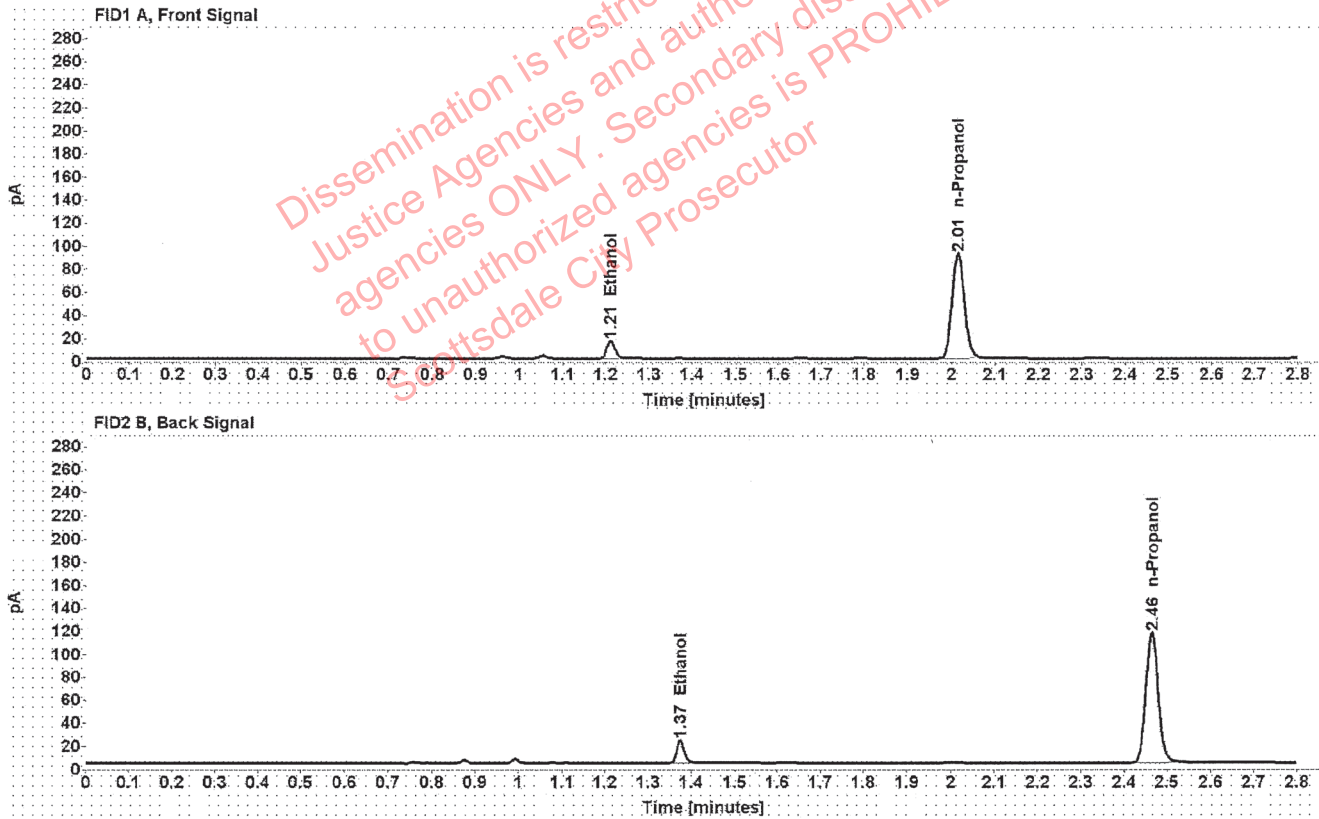


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0303	1.211	19.391
n-Propanol	-----	2.015	181.037

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

Compound	Time (min)	Peak Area
Ethanol	1.374	24.741
n-Propanol	2.465	228.780

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345614	Vial:	25
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 1:29:09 PM
Data file:	C:\Chem32\1\Data\03Aug21\25.D	Analyst:	Canonico

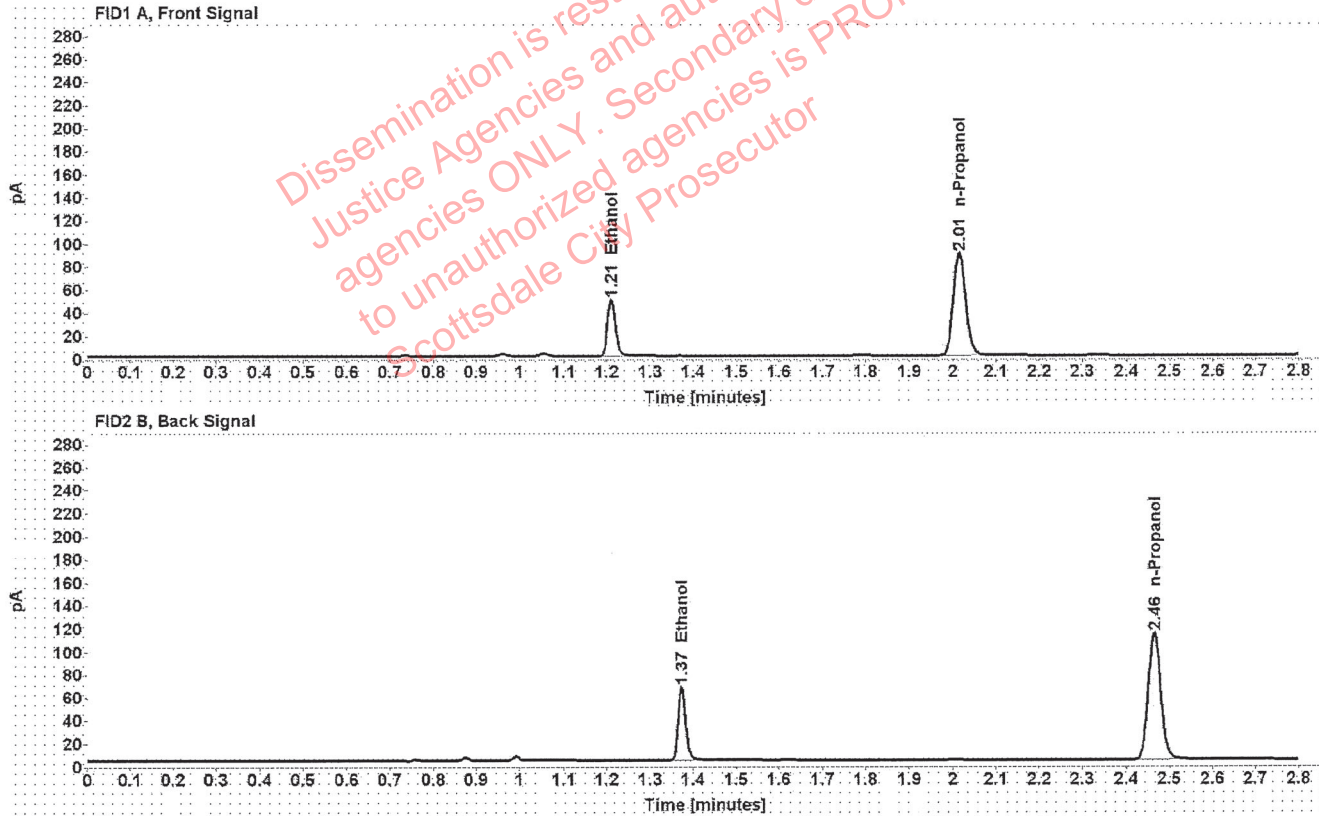


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0980	1.210	62.224
n-Propanol	-----	2.015	177.055

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

Compound	Time (min)	Peak Area
Ethanol	1.373	78.232
n-Propanol	2.465	223.183

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345614	Vial:	26
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 1:33:08 PM
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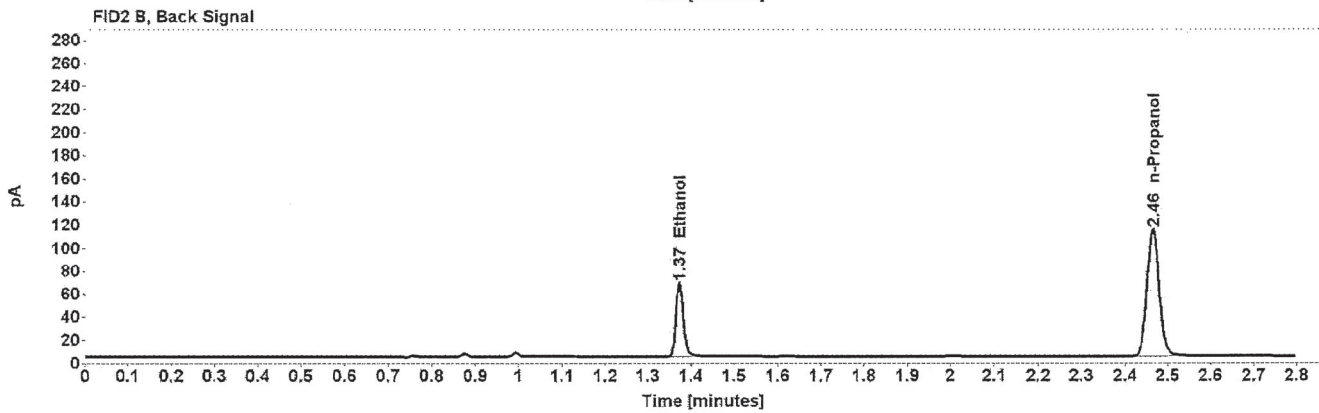
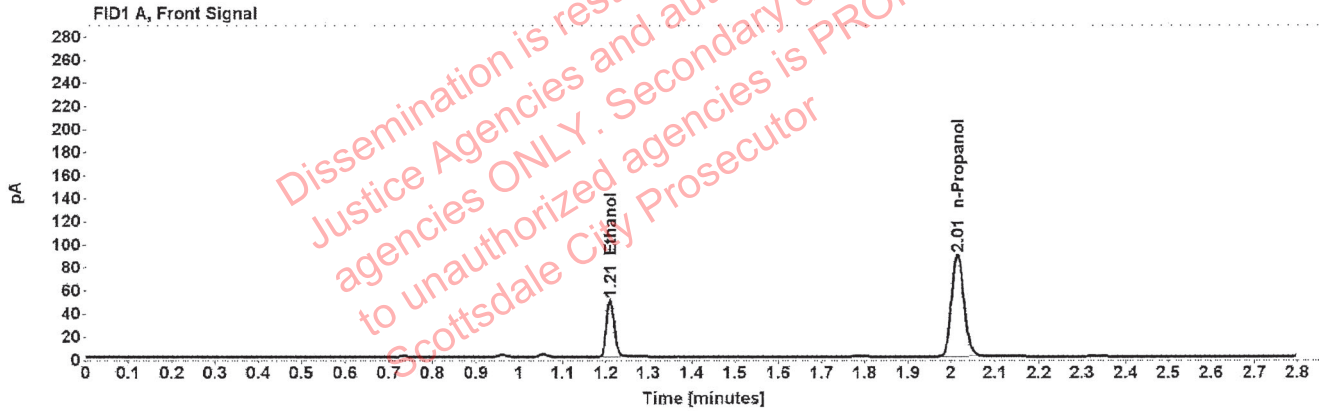


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0993	1.210	62.812
n-Propanol	-----	2.015	176.394

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

Compound	Time (min)	Peak Area
Ethanol	1.373	79.194
n-Propanol	2.465	222.213



[REDACTED]: Canonico, Erika - (04-Aug-2021)

Case: [REDACTED] User: ecanonico 8/4/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382485	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 1:37:10 PM
Data file:	C:\Chem32\1\Data\03Aug21\27.D	Analyst:	Canonico

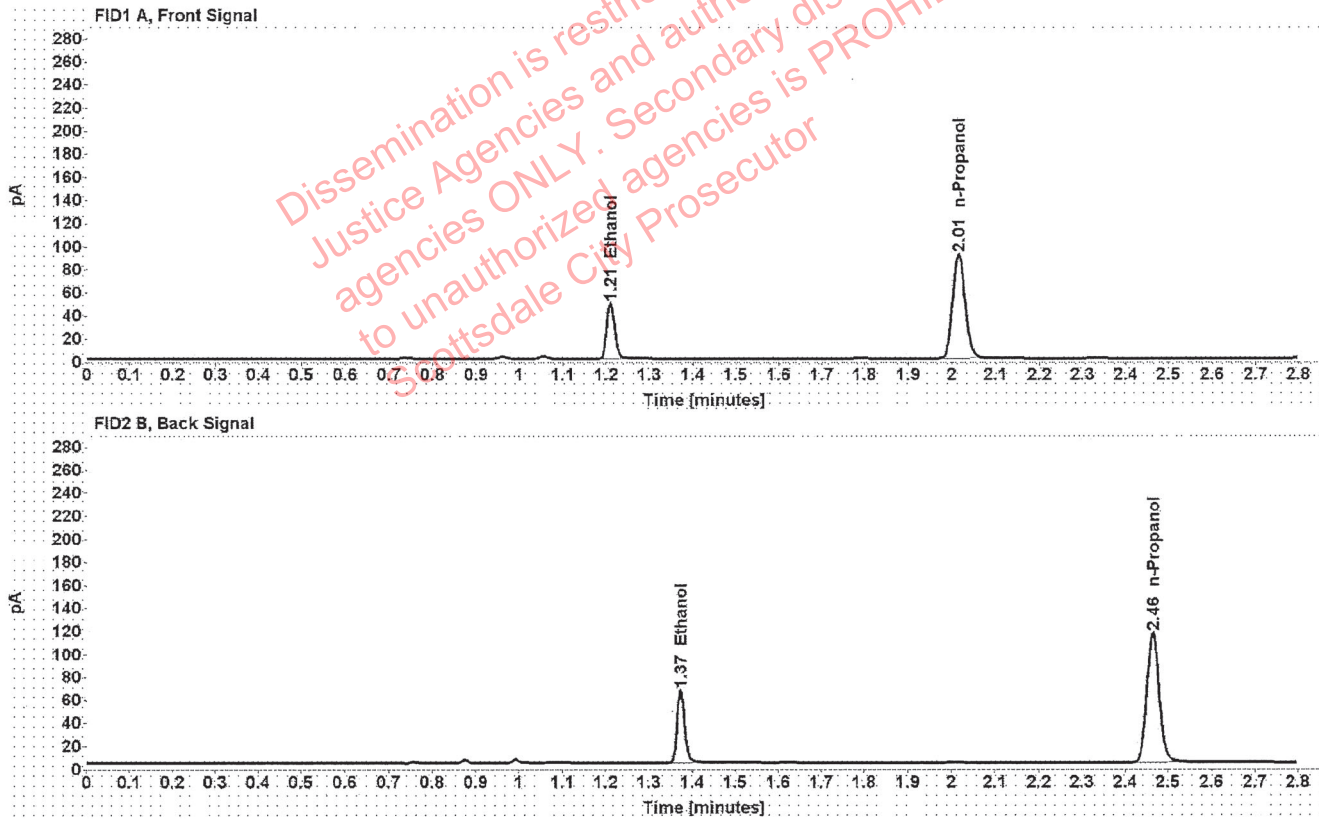


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0952	1.210	61.635
n-Propanol	-----	2.015	180.667

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

Compound	Time (min)	Peak Area
Ethanol	1.373	77.569
n-Propanol	2.465	227.598

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382485	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 1:41:09 PM
Data file:	C:\Chem32\1\Data\03Aug21\28.D	Analyst:	Canonico

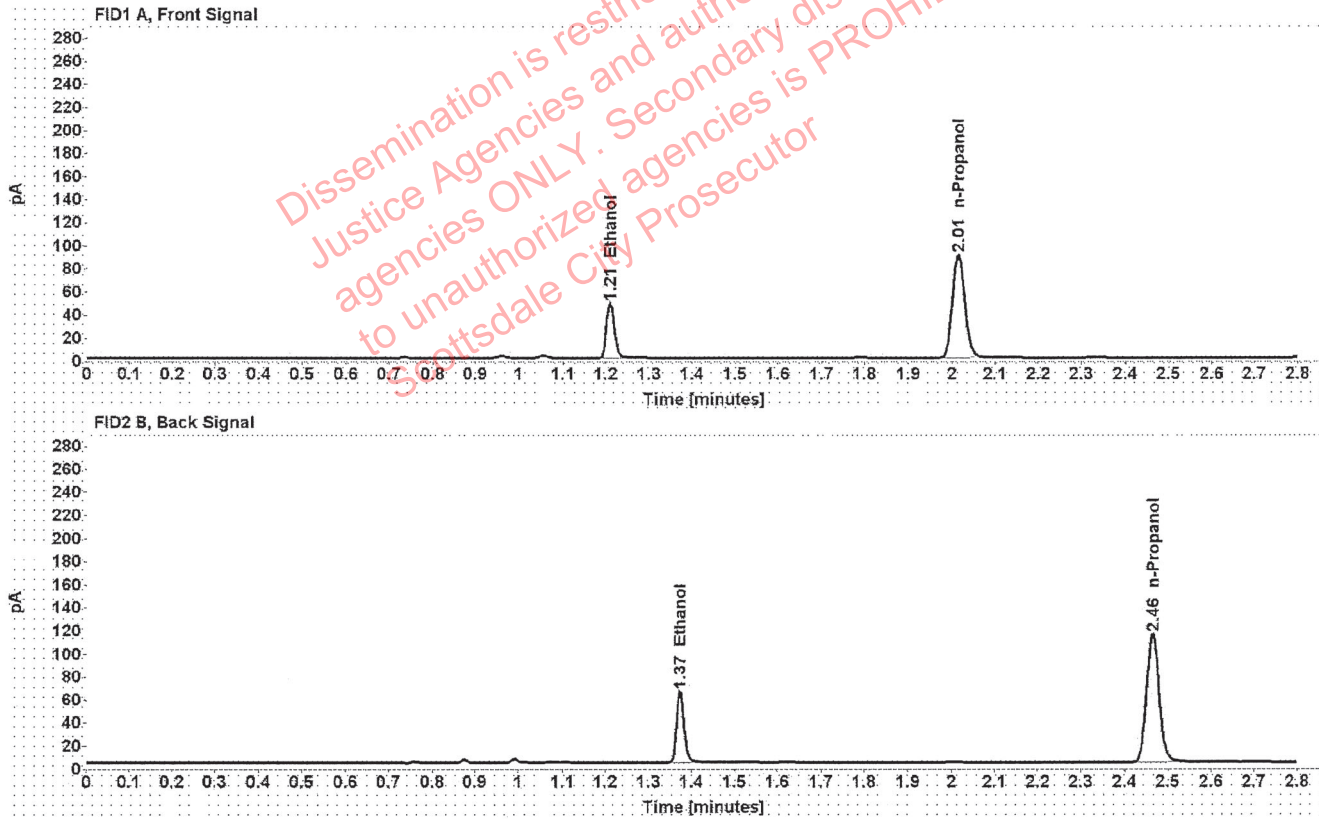


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0948	1.210	60.670
n-Propanol	-----	2.015	178.629

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

Compound	Time (min)	Peak Area
Ethanol	1.373	76.347
n-Propanol	2.465	225.167

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382280	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 1:45:11 PM
Data file:	C:\Chem32\1\Data\03Aug21\29.D	Analyst:	Canonico

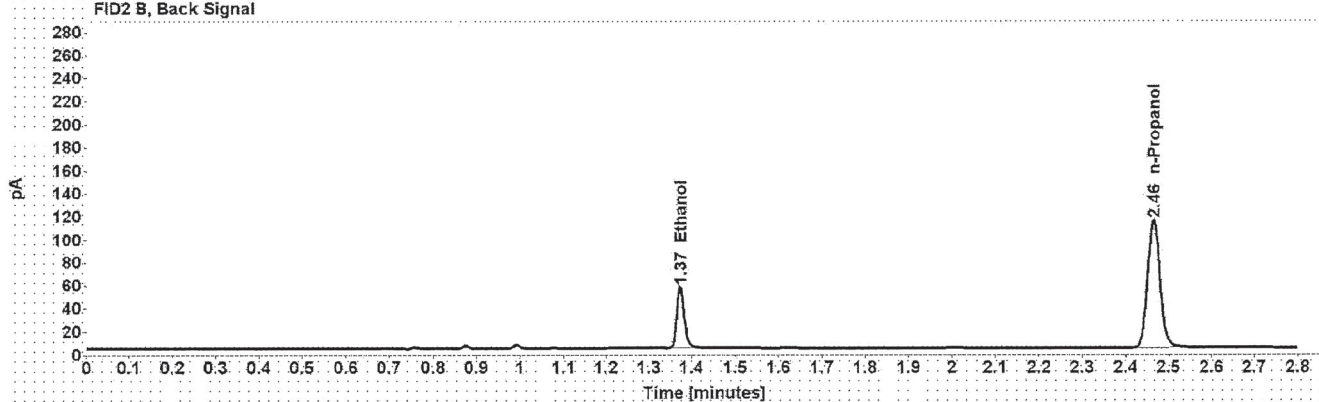
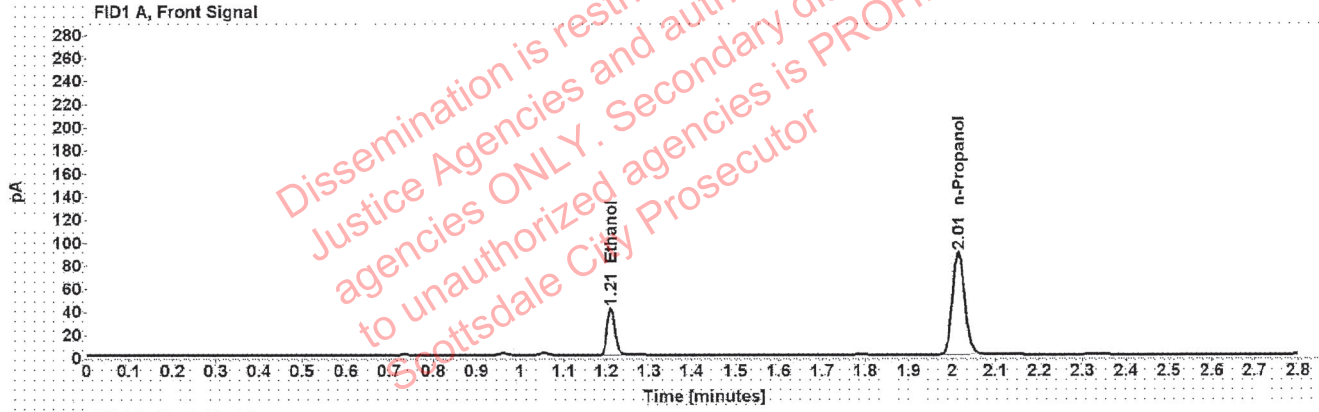


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0821	1.210	52.213
n-Propanol	-----	2.015	177.594

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

Compound	Time (min)	Peak Area
Ethanol	1.374	65.612
n-Propanol	2.465	224.157

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382280	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 1:49:07 PM
Data file:	C:\Chem32\1\Data\03Aug21\30.D	Analyst:	Canonico

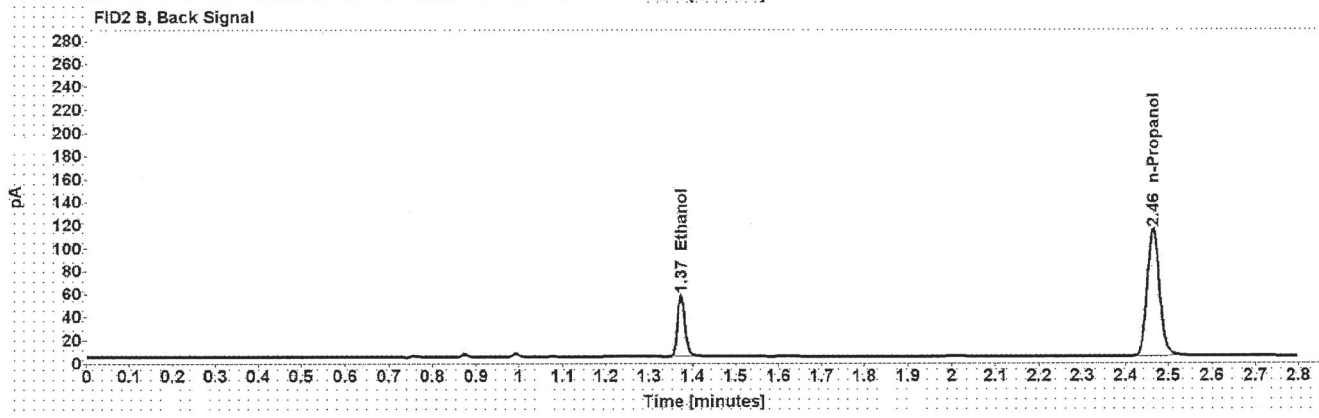
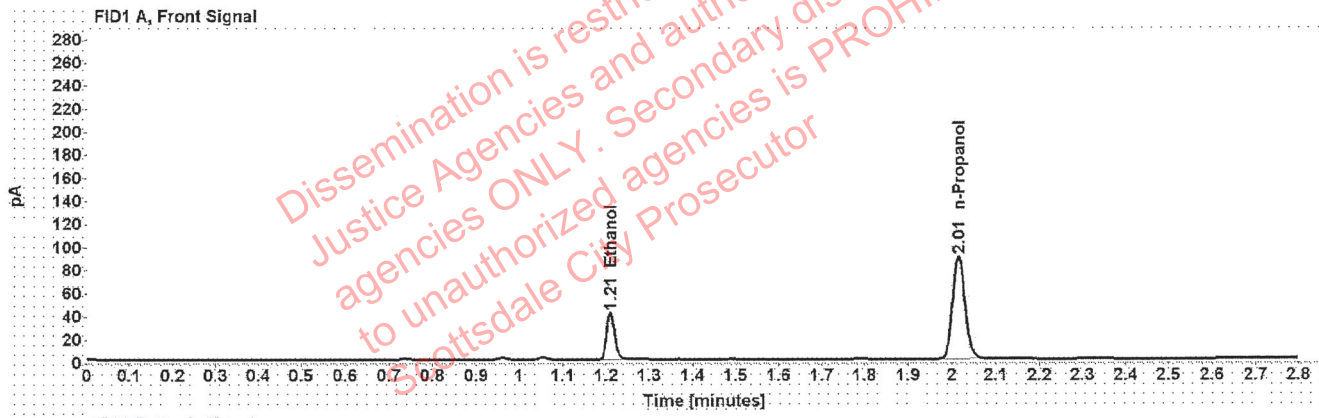


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0820	1.210	52.039
n-Propanol	-----	2.015	177.129

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

Compound	Time (min)	Peak Area
Ethanol	1.373	65.349
n-Propanol	2.465	223.521



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1381926	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 1:57:25 PM
Data file:	C:\Chem32\1\Data\03Aug21\32.D	Analyst:	Canonico

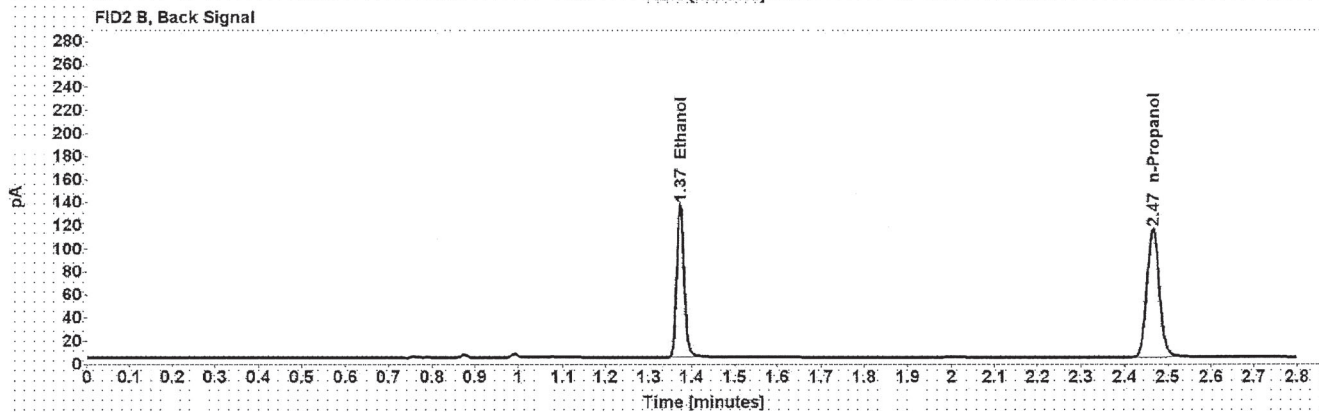
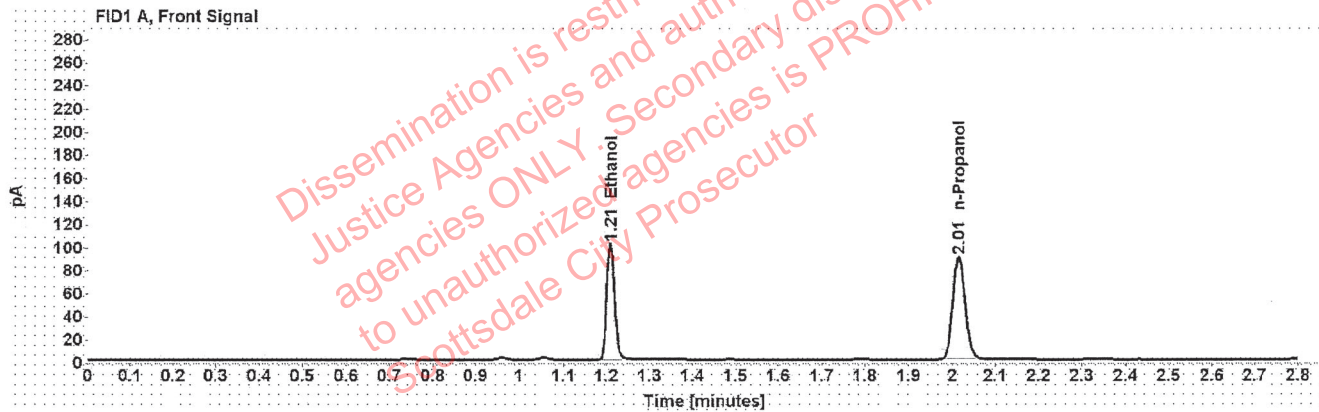


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2011	1.209	128.834
n-Propanol	-----	2.015	178.177

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

Compound	Time (min)	Peak Area
Ethanol	1.373	162.811
n-Propanol	2.465	224.320

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1381926	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 2:01:23 PM
Data file:	C:\Chem32\1\Data\03Aug21\33.D	Analyst:	Canonico

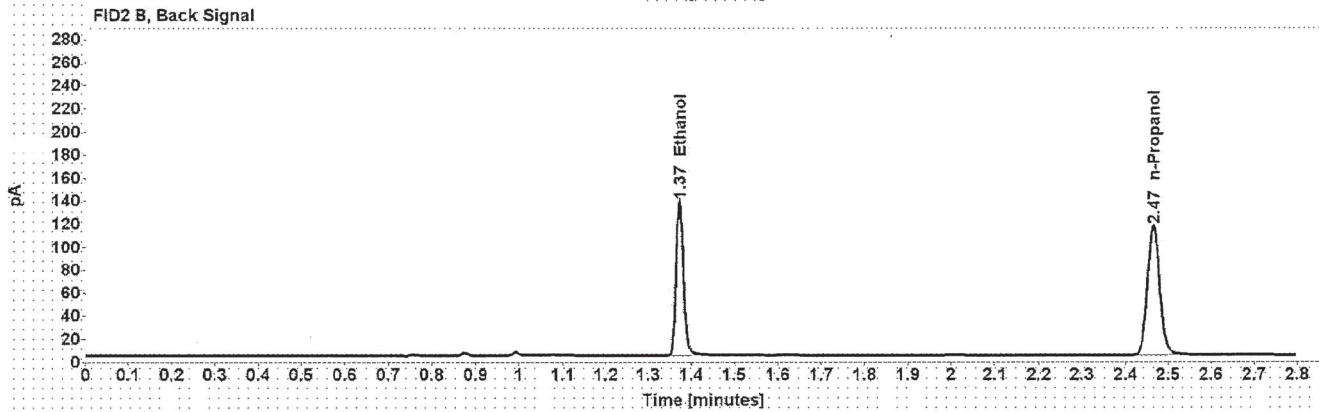
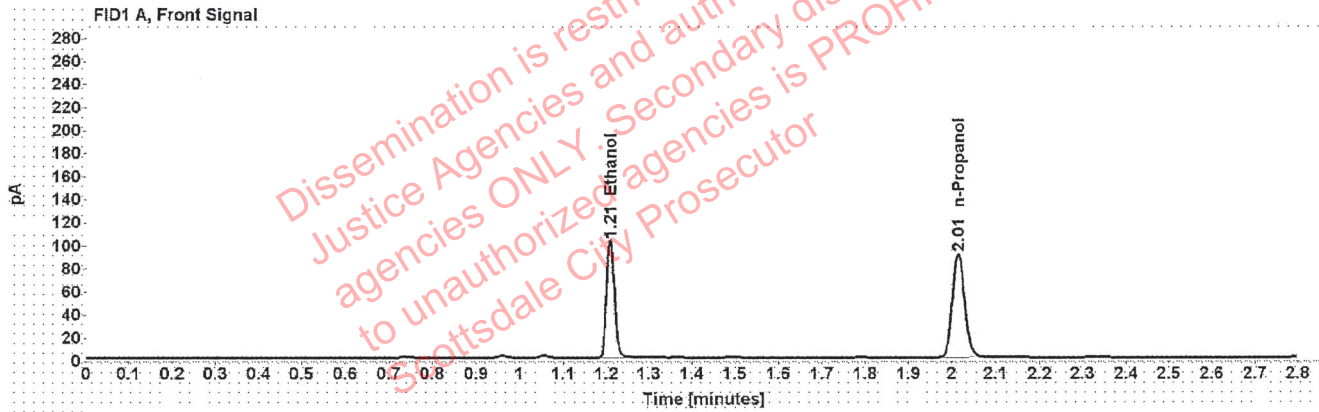


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2014	1.209	130.296
n-Propanol	-----	2.015	179.899

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

Compound	Time (min)	Peak Area
Ethanol	1.373	164.737
n-Propanol	2.465	226.449

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380024	Vial:	34
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 2:05:24 PM
Data file:	C:\Chem32\1\Data\03Aug21\34.D	Analyst:	Canonico

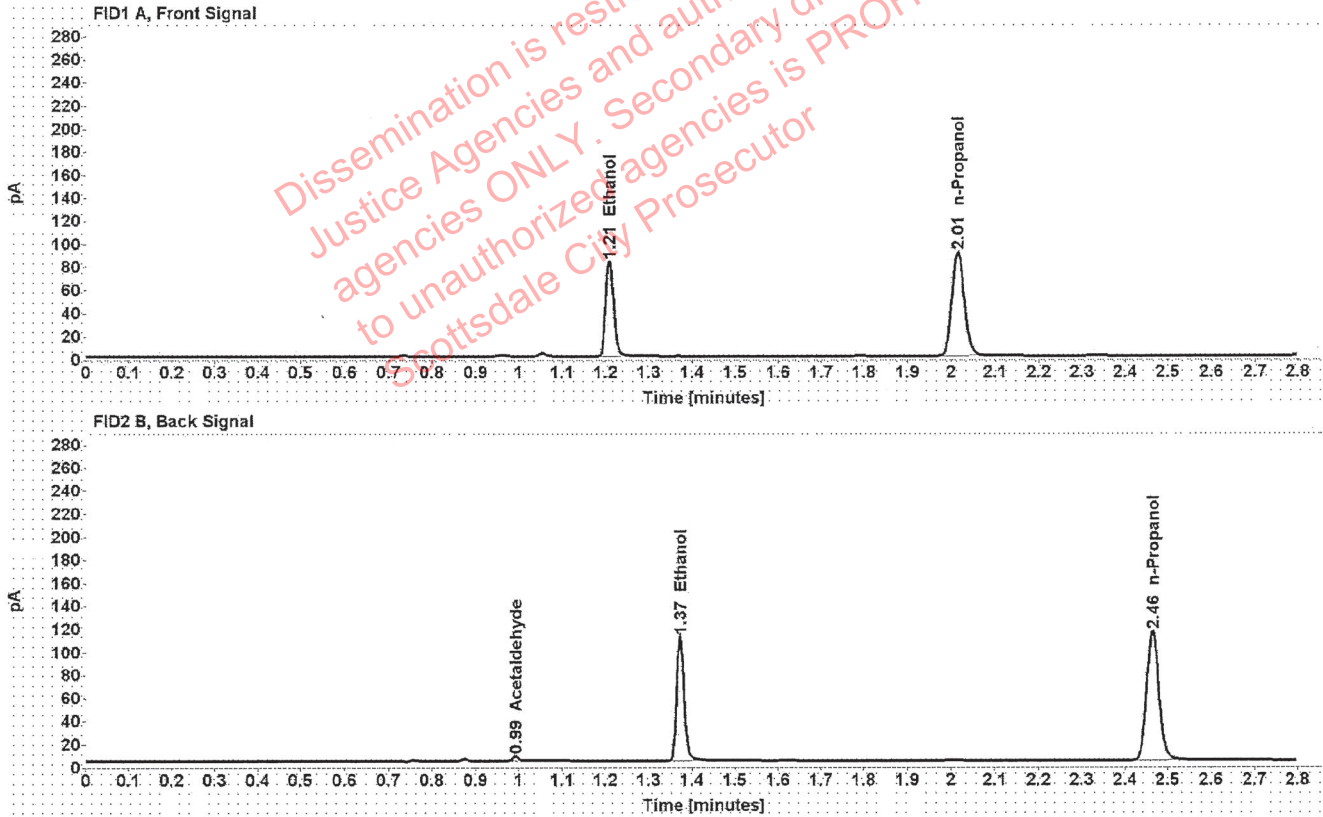


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1631	1.209	105.227
n-Propanol	-----	2.015	179.548

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.867
Ethanol	1.373	132.607
n-Propanol	2.465	226.585

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380024	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 2:09:23 PM
Data file:	C:\Chem32\1\Data\03Aug21\35.D	Analyst:	Canonico

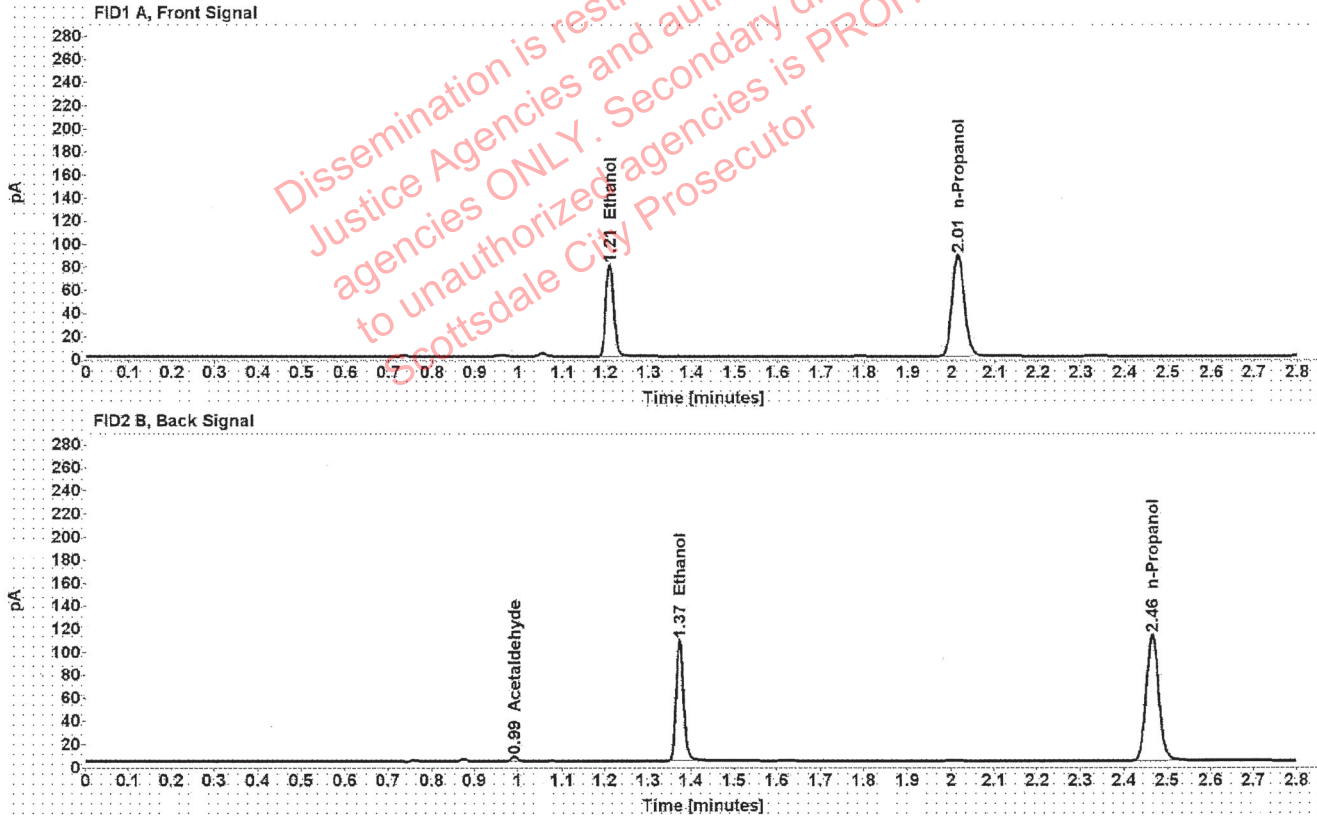


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1616	1.209	101.862
n-Propanol	-----	2.015	175.393

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.777
Ethanol	1.373	128.619
n-Propanol	2.465	221.549



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1381900	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 2:13:22 PM
Data file:	C:\Chem32\1\Data\03Aug21\36.D	Analyst:	Canonico

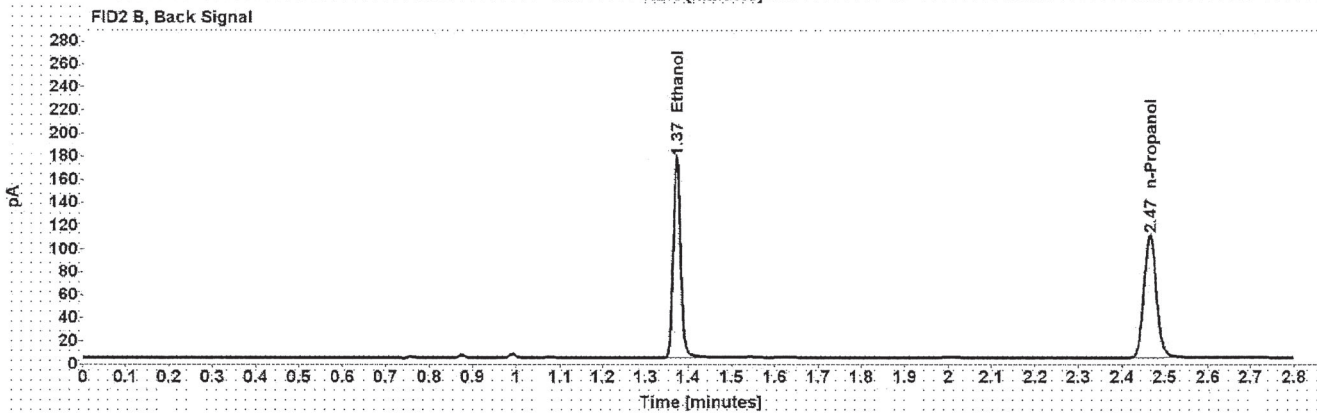
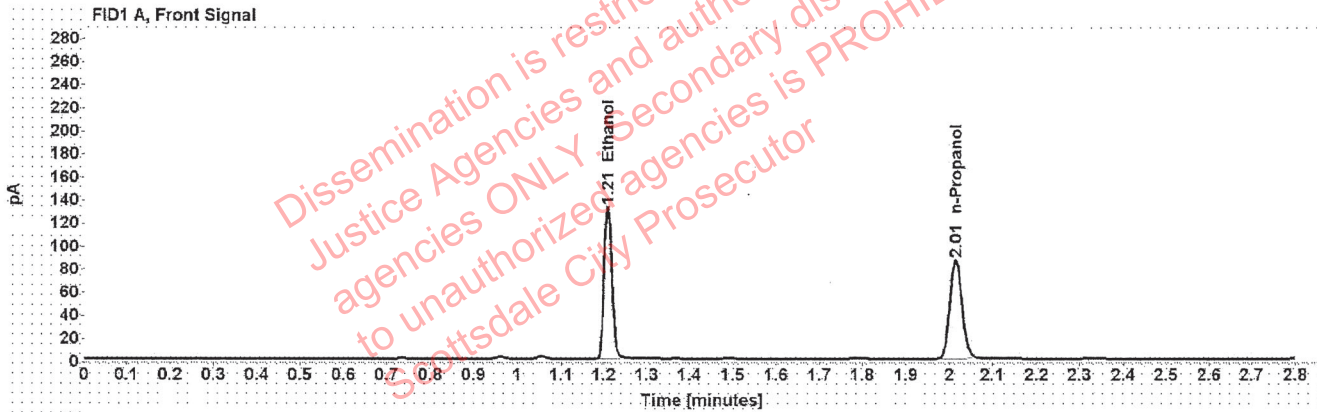


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2733	1.209	168.203
n-Propanol	-----	2.015	170.996

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

Compound	Time (min)	Peak Area
Ethanol	1.373	214.475
n-Propanol	2.465	215.109

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1381900	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 2:17:38 PM
Data file:	C:\Chem32\1\Data\03Aug21\37.D	Analyst:	Canonico

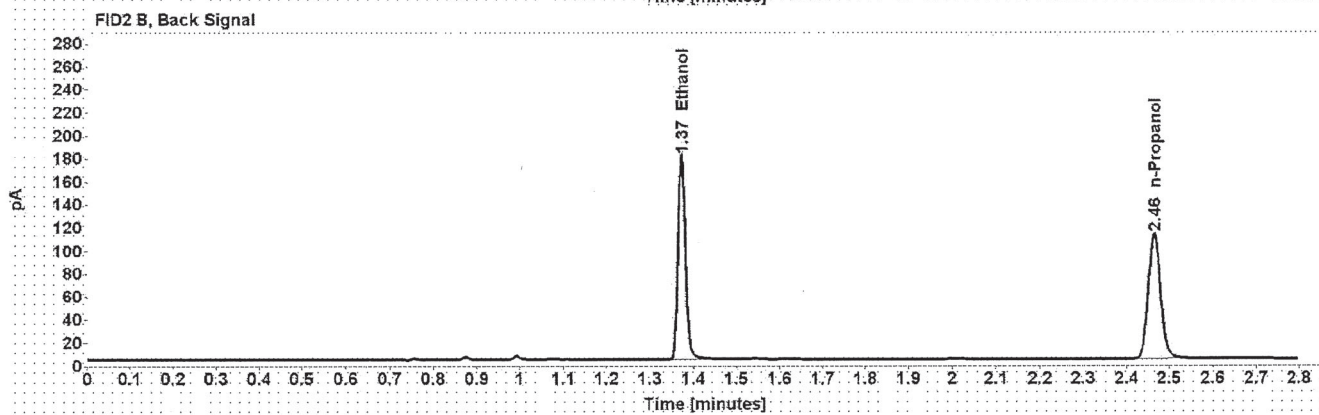
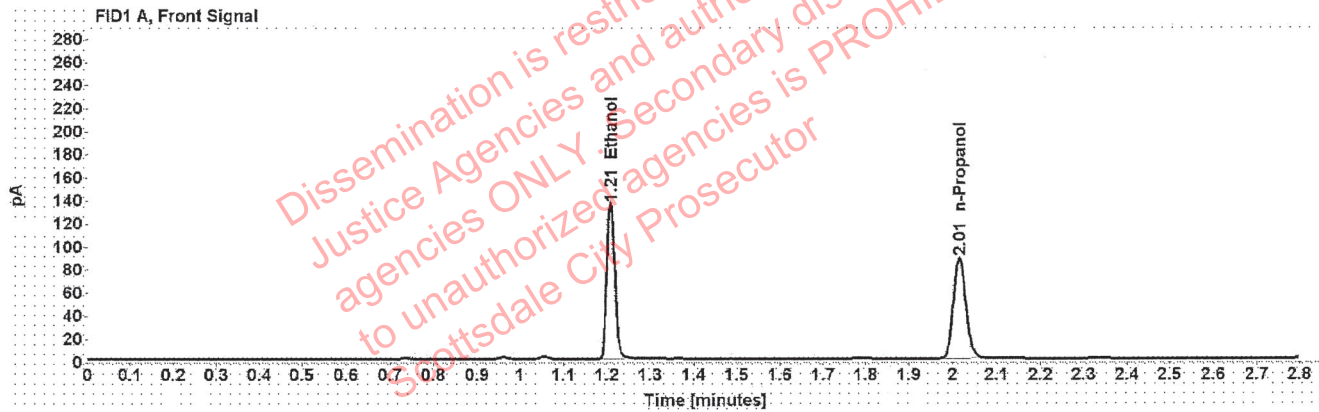


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2745	1.209	172.135
n-Propanol	-----	2.015	174.243

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

Compound	Time (min)	Peak Area
Ethanol	1.373	219.324
n-Propanol	2.465	219.193

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382104	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 2:21:37 PM
Data file:	C:\Chem32\1\Data\03Aug21\38.D	Analyst:	Canonico

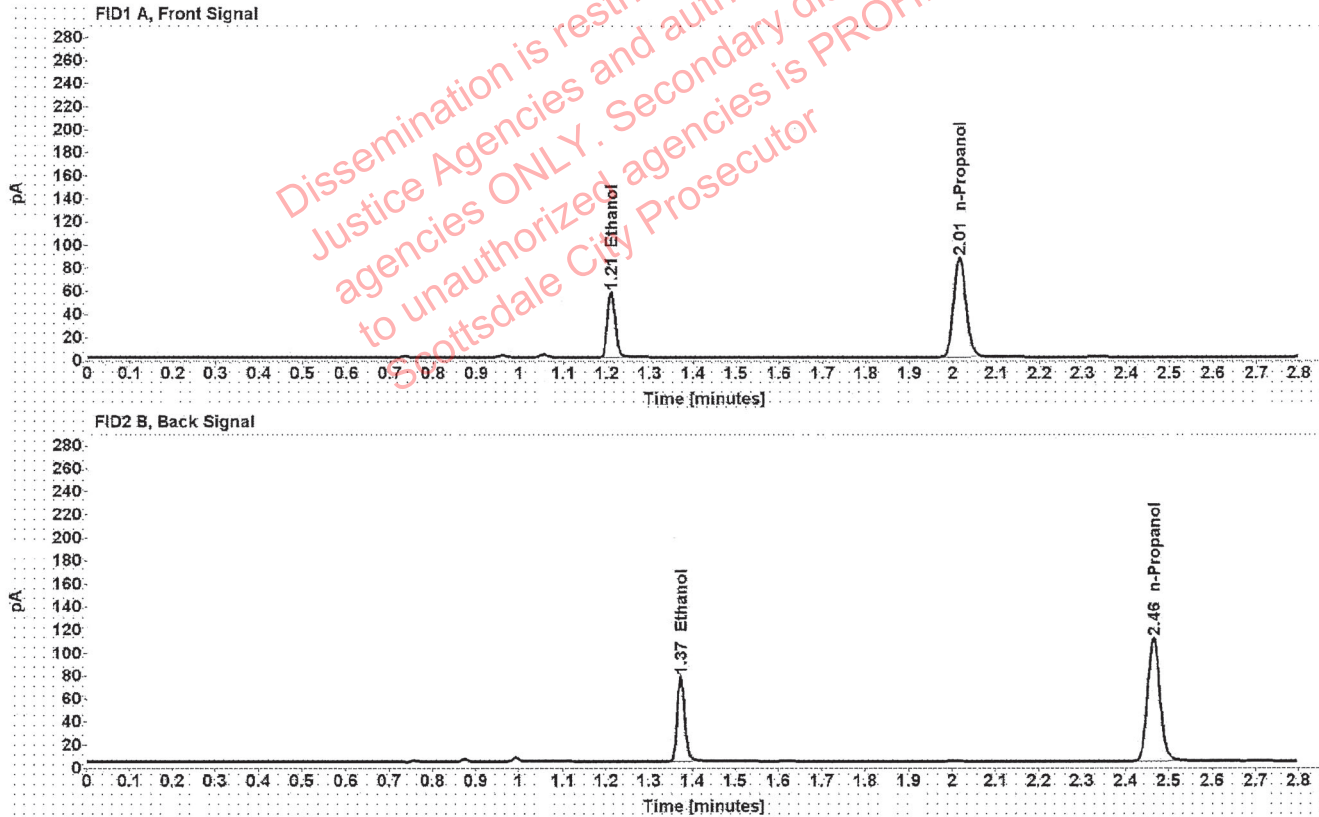


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1166	1.210	72.104
n-Propanol	-----	2.015	172.361

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

Compound	Time (min)	Peak Area
Ethanol	1.373	91.077
n-Propanol	2.465	217.024

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382104	Vial:	39
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 2:25:39 PM
Data file:	C:\Chem32\1\Data\03Aug21\39.D	Analyst:	Canonico

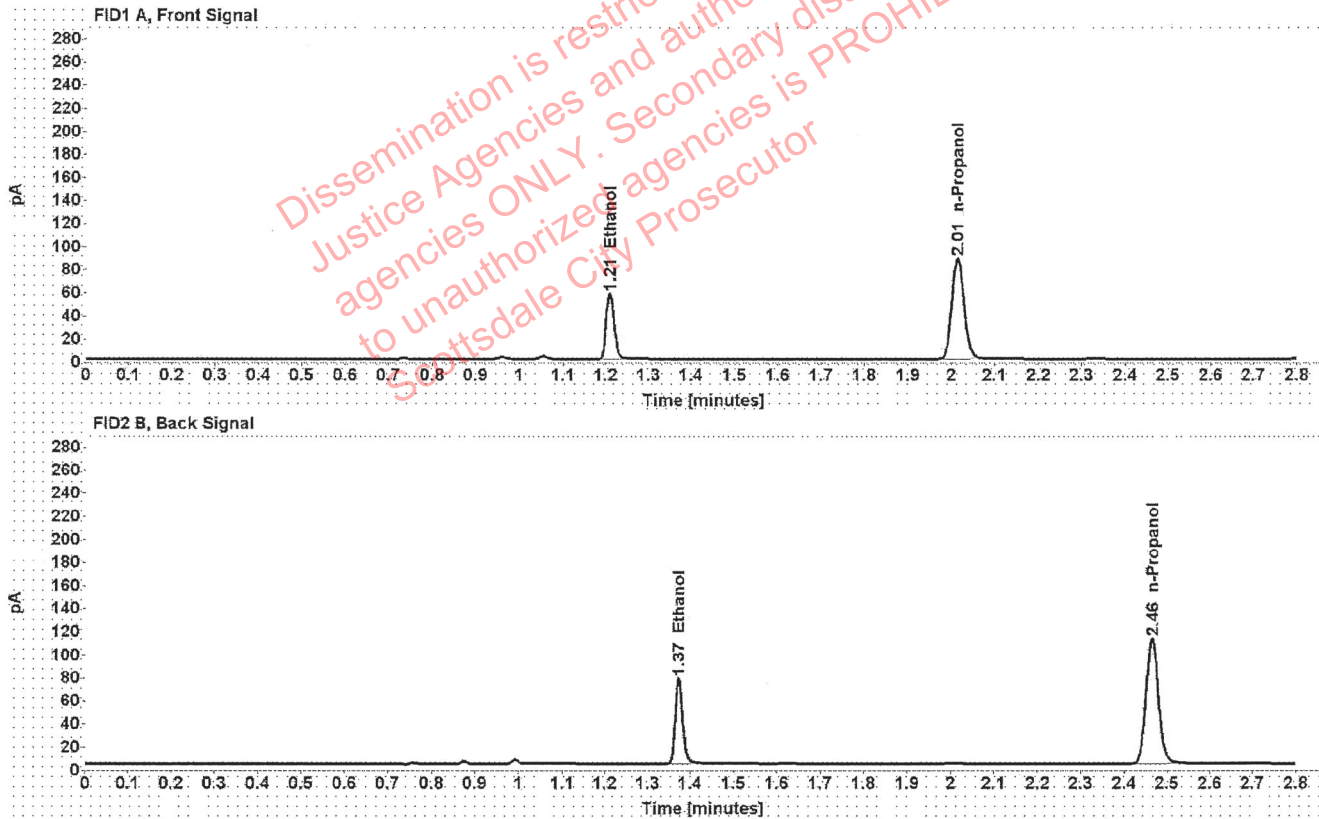


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1165	1.210	72.765
n-Propanol	-----	2.015	174.025

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

Compound	Time (min)	Peak Area
Ethanol	1.373	91.580
n-Propanol	2.465	219.089



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1354489	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 2:29:37 PM
Data file:	C:\Chem32\1\Data\03Aug21\40.D	Analyst:	Canonico

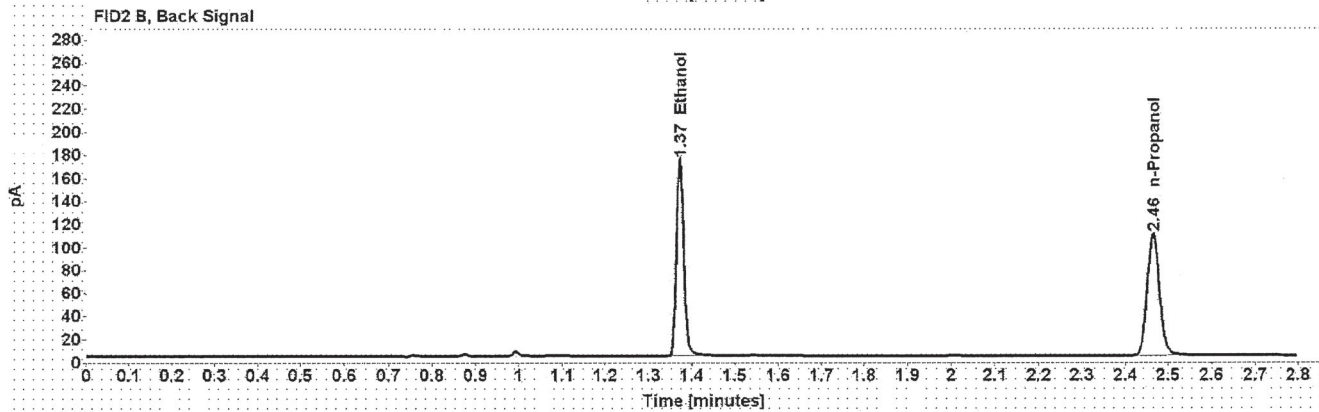
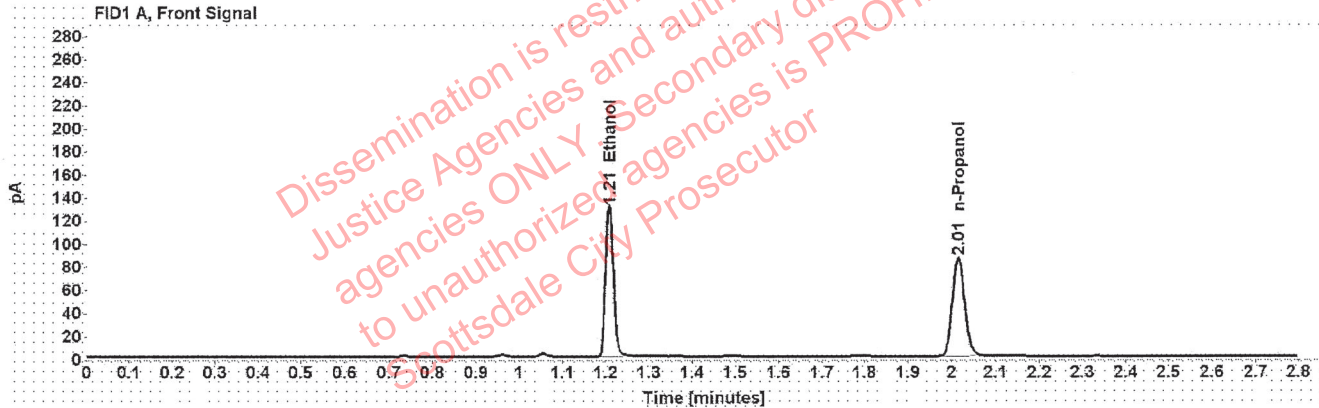


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2719	1.209	166.076
n-Propanol	-----	2.015	169.759

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

Compound	Time (min)	Peak Area
Ethanol	1.373	210.692
n-Propanol	2.465	213.590

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1354489	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 2:33:37 PM
Data file:	C:\Chem32\1\Data\03Aug21\41.D	Analyst:	Canonico

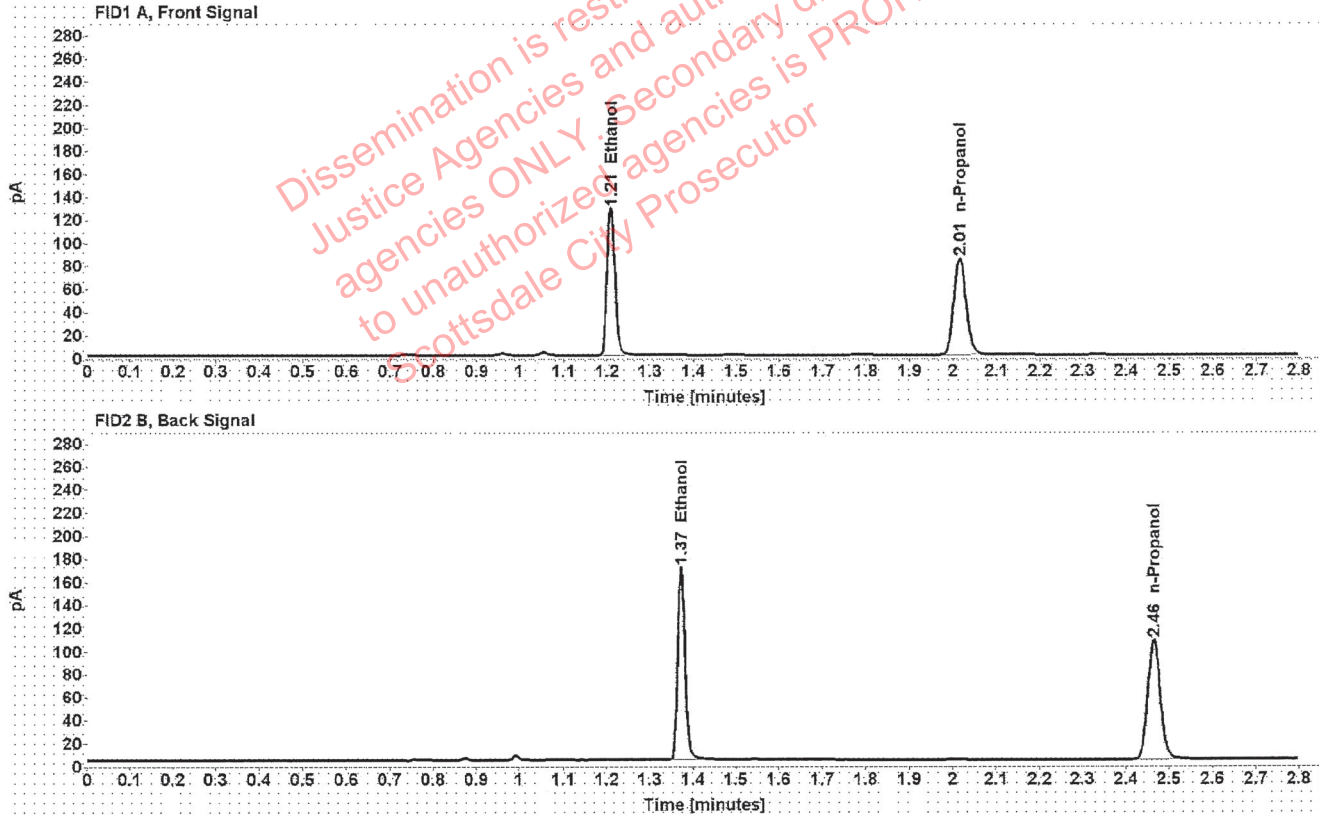


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2701	1.209	162.453
n-Propanol	-----	2.015	167.111

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

Compound	Time (min)	Peak Area
Ethanol	1.372	206.057
n-Propanol	2.465	210.345

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1351415	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 2:41:53 PM
Data file:	C:\Chem32\1\Data\03Aug21\43.D	Analyst:	Canonico

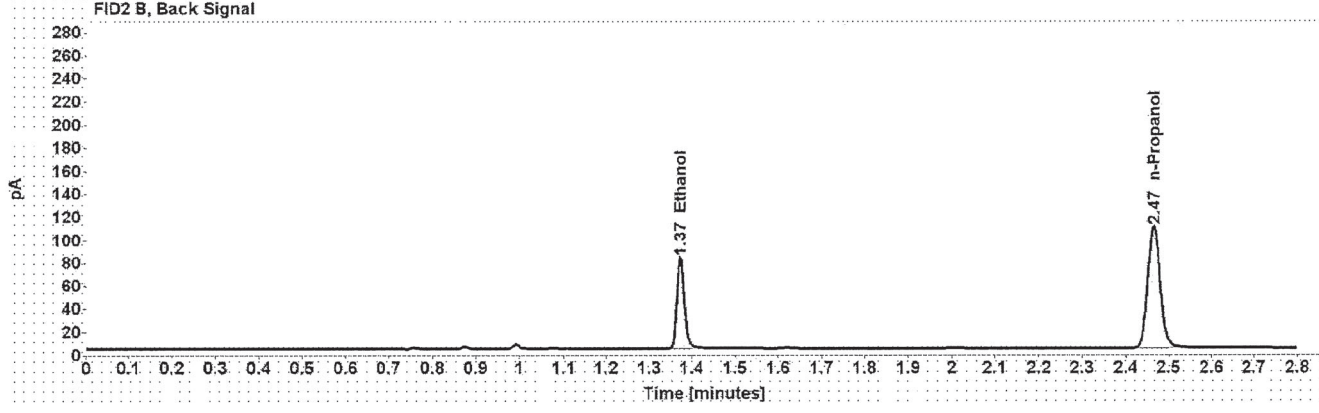
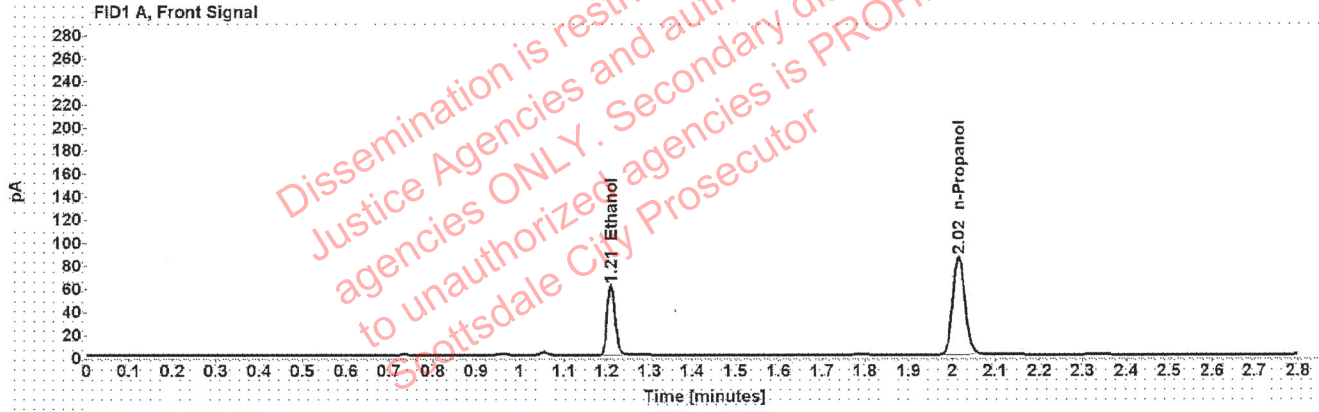


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1264	1.210	77.029
n-Propanol	-----	2.015	169.781

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

Compound	Time (min)	Peak Area
Ethanol	1.373	97.184
n-Propanol	2.465	214.145

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1351415	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 2:45:53 PM
Data file:	C:\Chem32\1\Data\03Aug21\44.D	Analyst:	Canonico

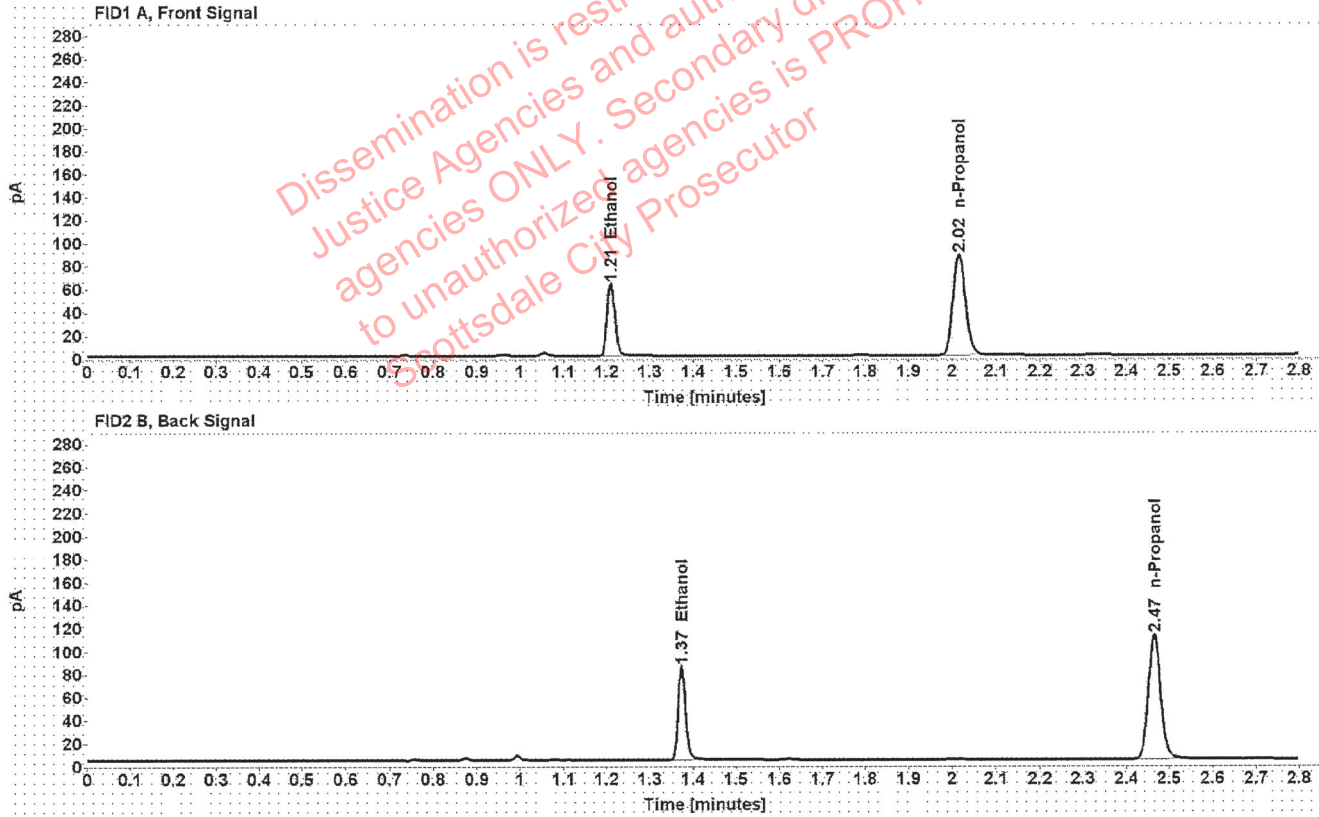


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1272	1.210	79.103
n-Propanol	-----	2.015	173.170

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

Compound	Time (min)	Peak Area
Ethanol	1.373	99.930
n-Propanol	2.465	218.628



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1348371	Vial:	45
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 2:49:53 PM
Data file:	C:\Chem32\1\Data\03Aug21\45.D	Analyst:	Canonico

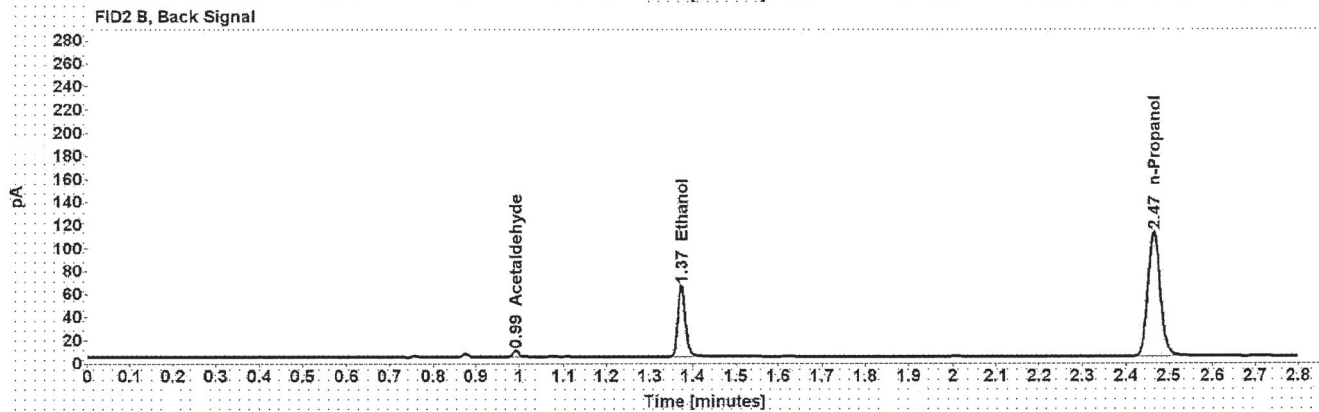
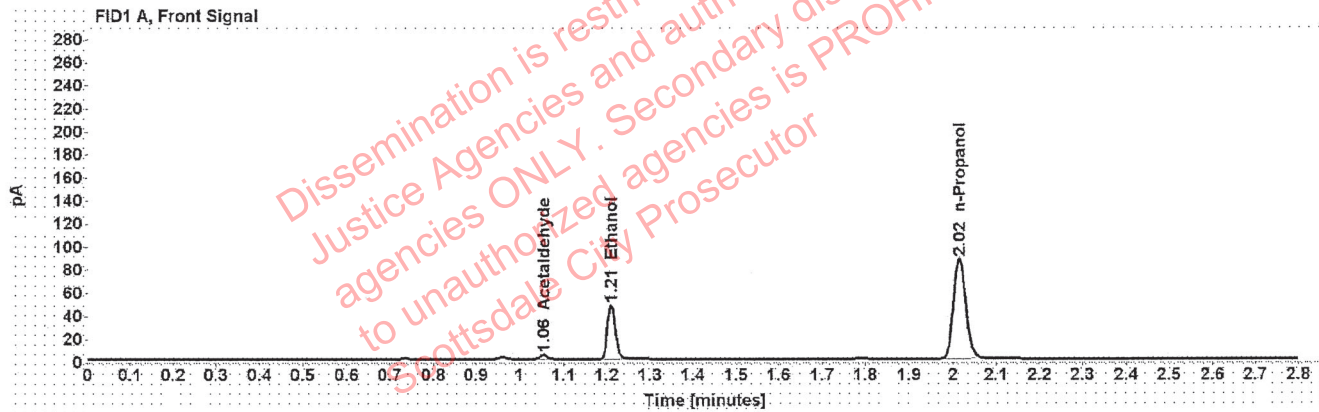


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.837
>Ethanol	0.0975	1.210	60.591
n-Propanol	-----	2.015	173.402

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.070
Ethanol	1.374	76.285
n-Propanol	2.465	218.595

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1348371	Vial: 46
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 03Aug21
Instrument: US14173023 CN14160045	Injection date: 8/3/2021 2:53:53 PM
Data file: C:\Chem32\1\Data\03Aug21\46.D	Analyst: Canonico

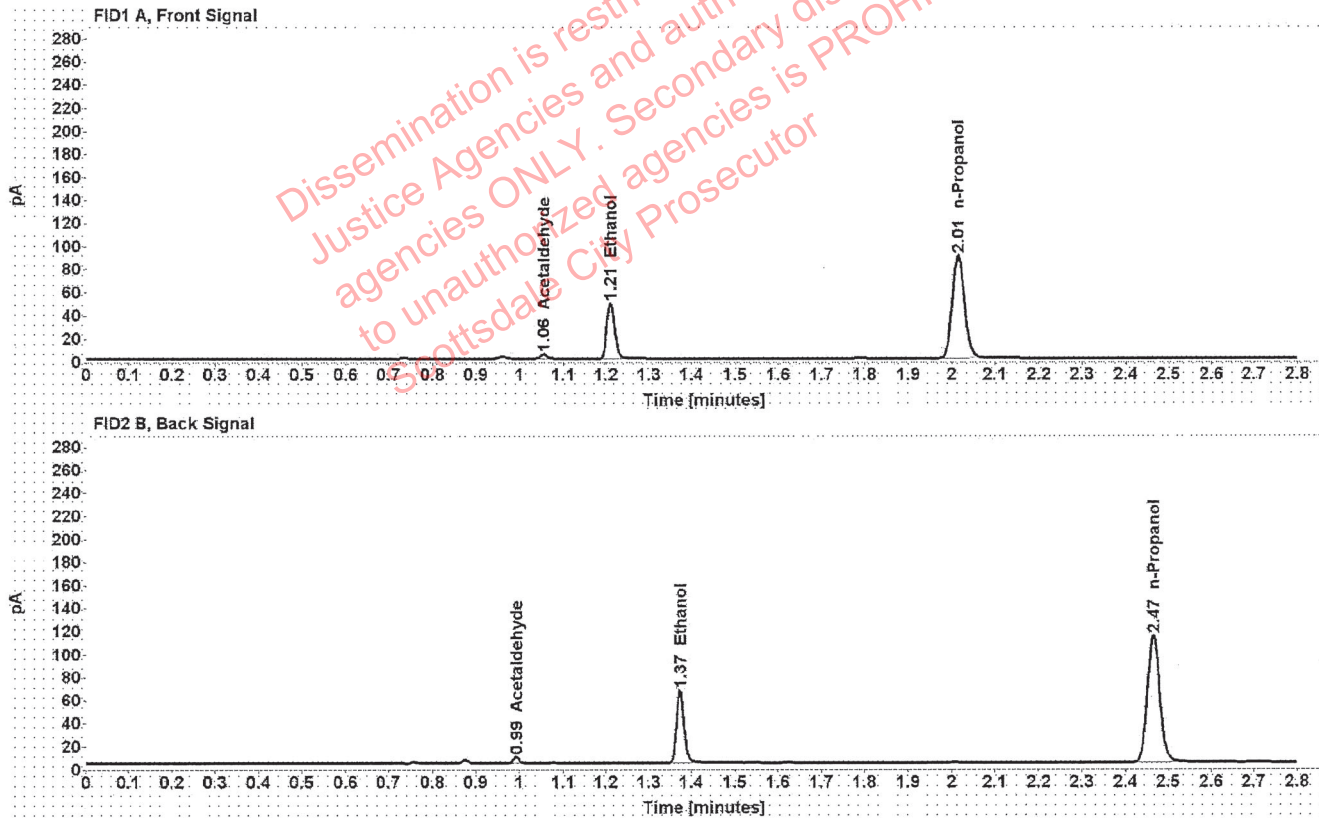


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.838
>Ethanol	0.0970	1.210	61.703
n-Propanol	-----	2.015	177.420

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.062
Ethanol	1.374	77.515
n-Propanol	2.465	223.713

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382960	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 2:57:53 PM
Data file:	C:\Chem32\1\Data\03Aug21\47.D	Analyst:	Canonico

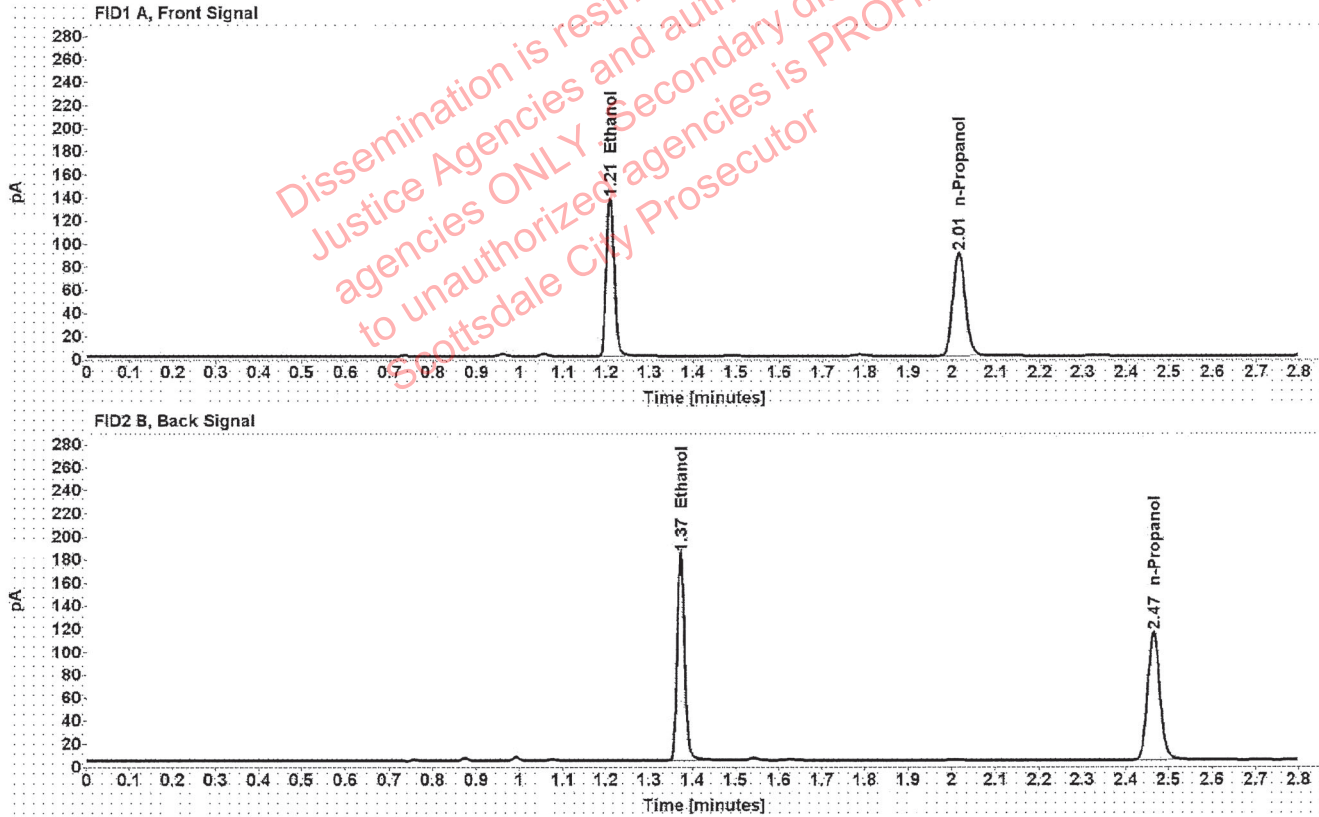


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2722	1.209	174.478
n-Propanol	-----	2.015	178.114

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

Compound	Time (min)	Peak Area
Ethanol	1.373	222.101
n-Propanol	2.465	223.955

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382960	Vial:	48
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 3:01:53 PM
Data file:	C:\Chem32\1\Data\03Aug21\48.D	Analyst:	Canonico

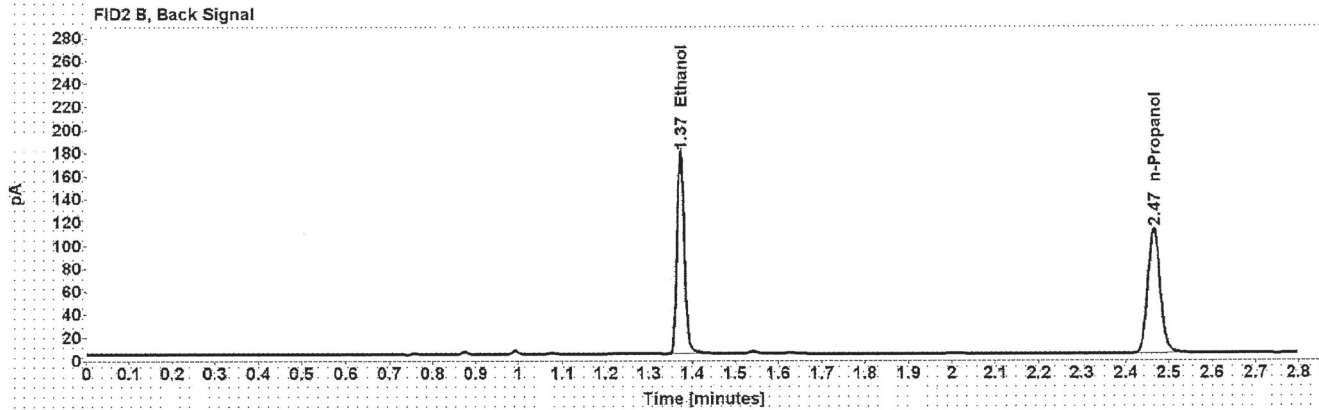
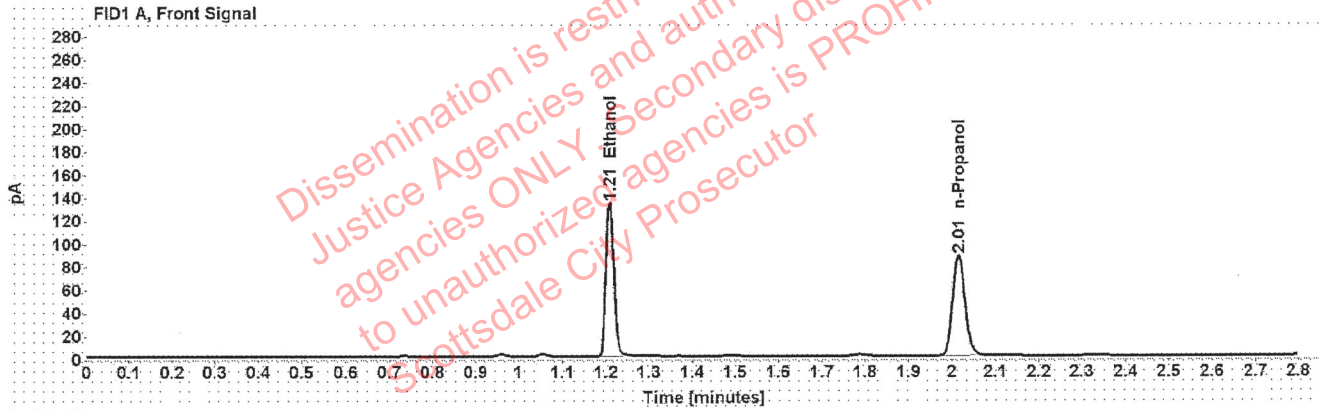


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2718	1.209	169.730
n-Propanol	-----	2.015	173.525

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

Compound	Time (min)	Peak Area
Ethanol	1.373	216.216
n-Propanol	2.465	218.163



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382948	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 3:06:09 PM
Data file:	C:\Chem32\1\Data\03Aug21\49.D	Analyst:	Canonico

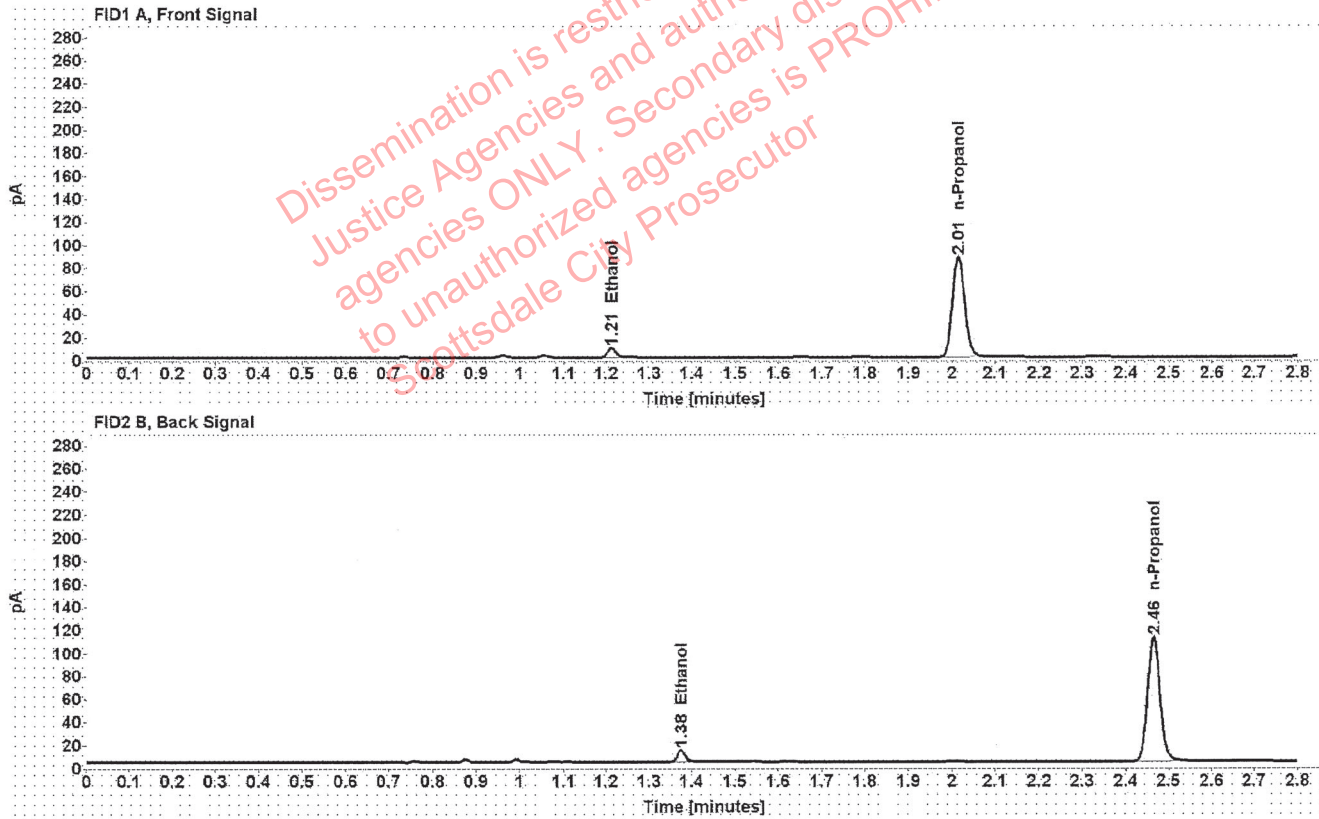


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0174	1.212	10.493
n-Propanol	-----	2.015	173.159

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

Compound	Time (min)	Peak Area
Ethanol	1.375	13.474
n-Propanol	2.465	218.467

██████████: Canonico, Erika - (04-Aug-2021)

Case: ██████████ User: ecanonico 8/4/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382948	Vial:	50
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 3:10:08 PM
Data file:	C:\Chem32\1\Data\03Aug21\50.D	Analyst:	Canonico

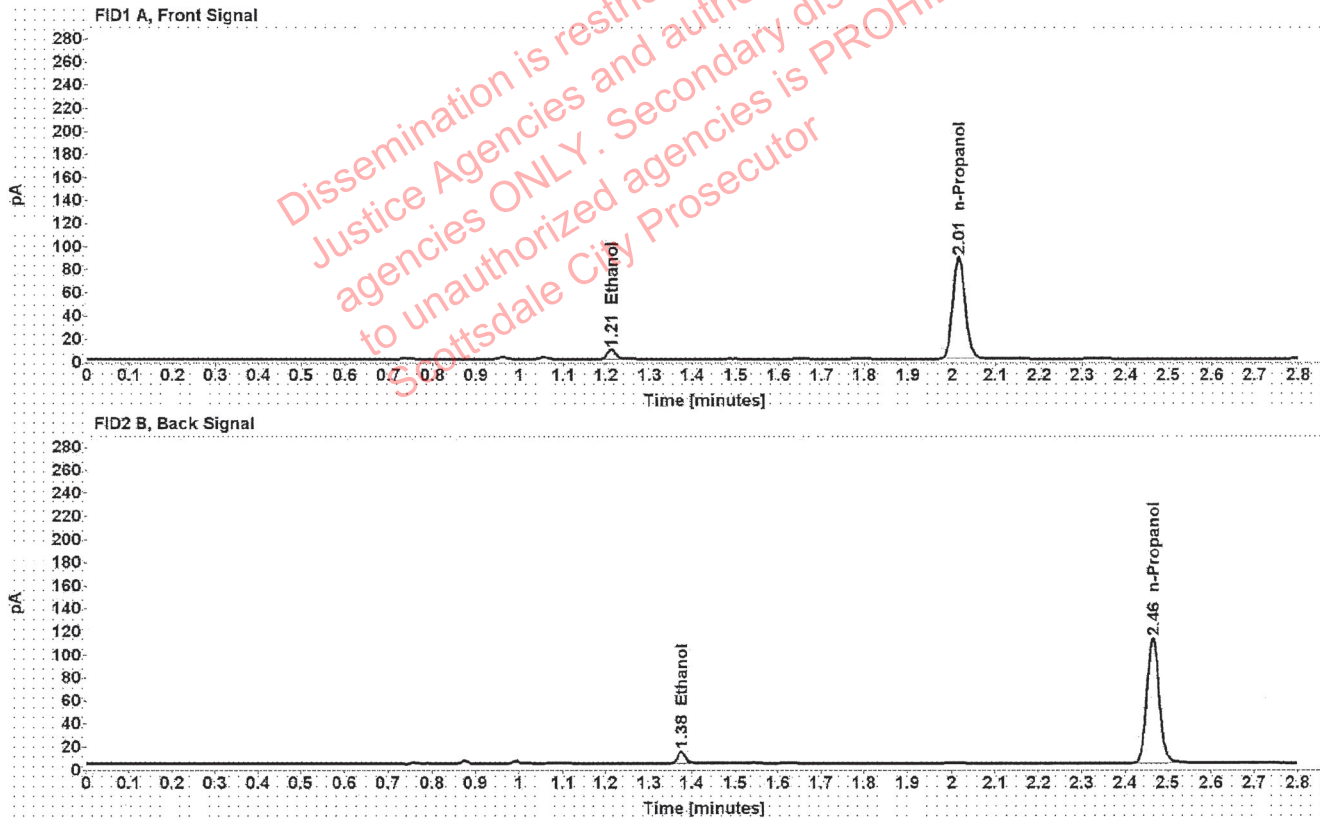


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0172	1.212	10.508
n-Propanol	-----	2.015	174.729

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

Compound	Time (min)	Peak Area
Ethanol	1.375	13.565
n-Propanol	2.465	220.458

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382262	Vial:	51
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 3:14:08 PM
Data file:	C:\Chem32\1\Data\03Aug21\51.D	Analyst:	Canonico

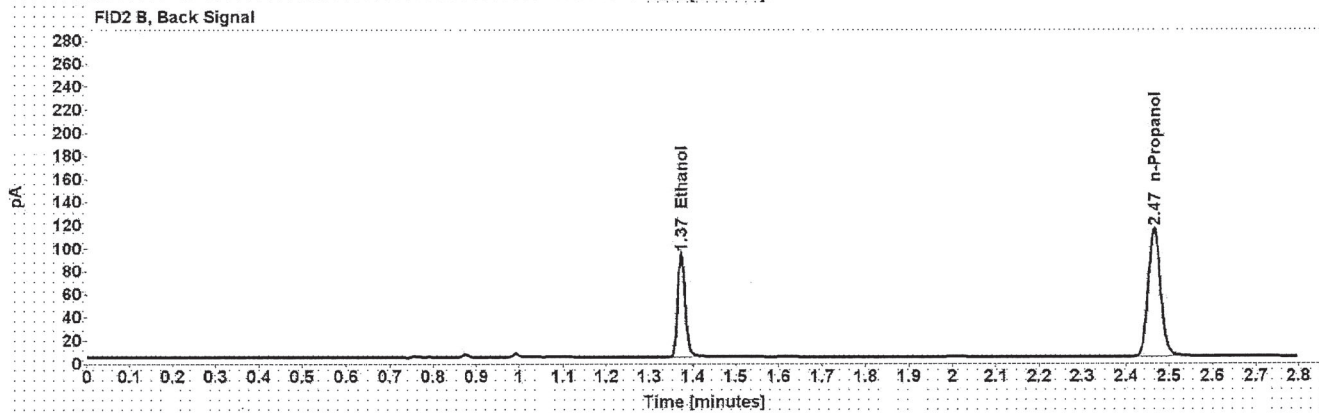
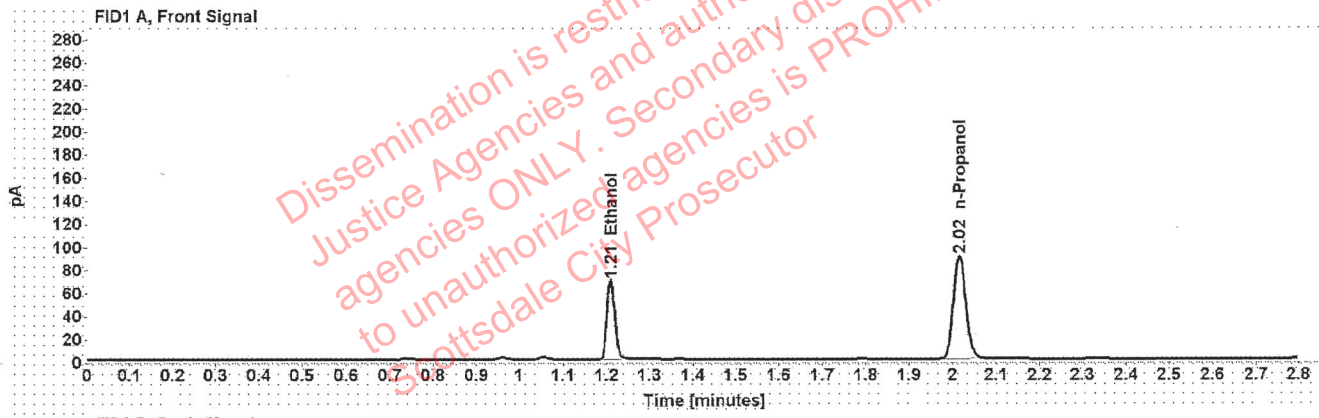


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1359	1.210	87.221
n-Propanol	-----	2.015	178.661

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

Compound	Time (min)	Peak Area
Ethanol	1.373	109.806
n-Propanol	2.465	225.048

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1382262	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/3/2021 3:18:08 PM
Data file:	C:\Chem32\1\Data\03Aug21\52.D	Analyst:	Canonico

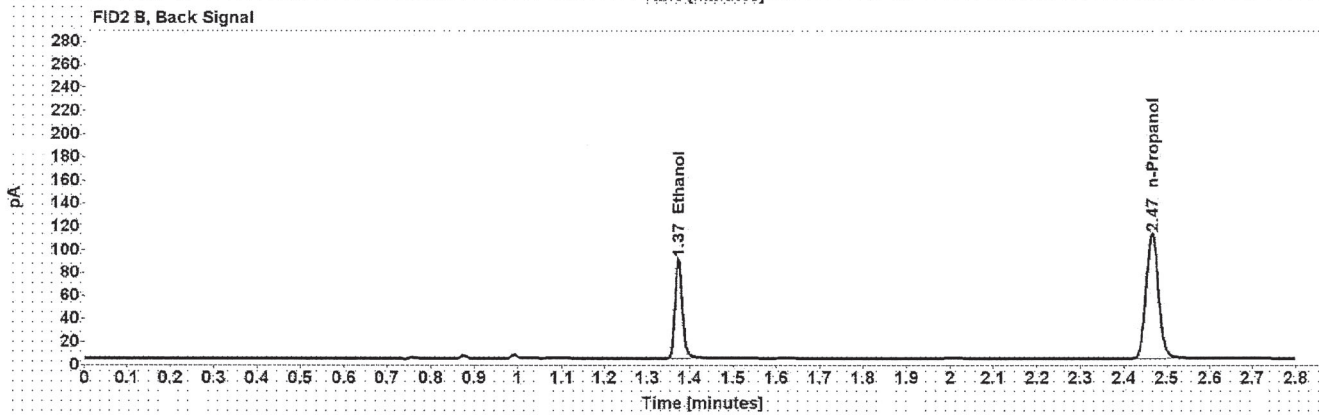
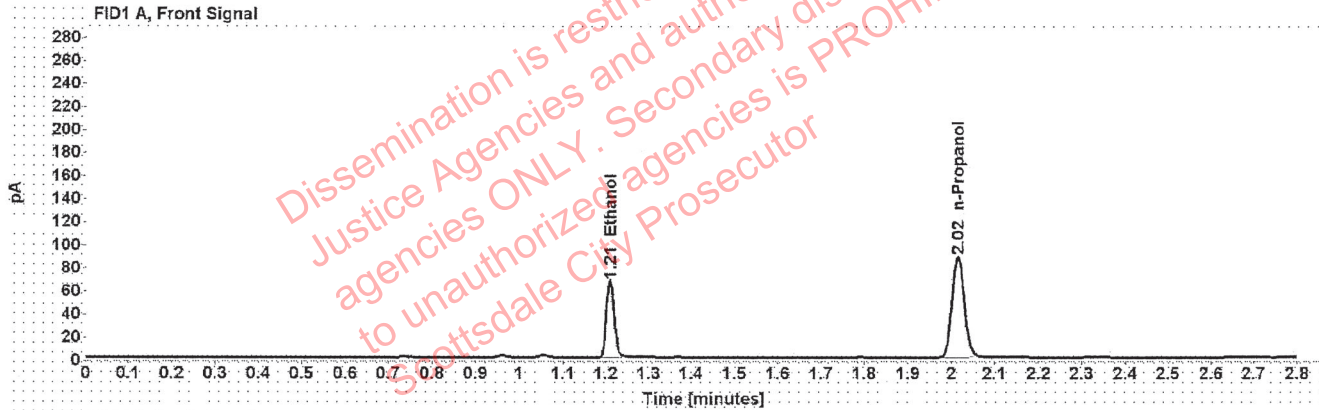


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1351	1.210	84.473
n-Propanol	-----	2.015	174.113

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

Compound	Time (min)	Peak Area
Ethanol	1.373	106.528
n-Propanol	2.465	219.193