

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 8/17/21 SEQUENCE NAME 17Aug21

**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 0.99997  
 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 mix	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.200 g/dL	0.203 g/dL	ACQ 4101018274/9
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Blood control	0.200 g/dL	0.206 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	0.403 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	0.205 d/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  Philip Burok Analyst  
 Run valid  Run invalid  Erika Canonico Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary 13

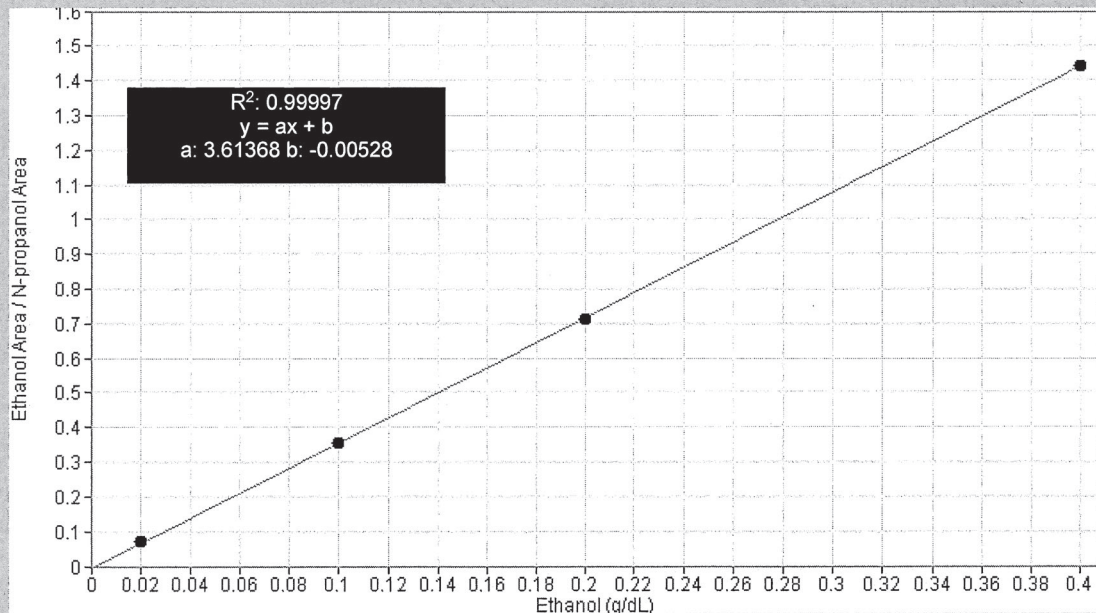
SEQUENCE NAME: 17Aug21

ANALYST: Brooke

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	0.400	0.400	0.00	0.000
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.200 4101018274/9	9	0.203	0.200	1.50	0.003
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.200 4101018274/9	31	0.206	0.200	3.00	0.006
0.080 20012020-B	42	0.080	0.080	0.00	0.000
0.400 11092018-A	53	0.403	0.400	0.75	0.003
0.040 14082019-B	54	0.041	0.040	2.50	0.001
0.200 4101018274/9	55	0.205	0.200	2.50	0.005
blank 111020VB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.968	172.834	0.069
0.100	59.765	167.825	0.356
0.200	121.627	170.555	0.713
0.400	245.509	170.229	1.442

### Calibration Line



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# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06141806	Vial:	1
Description:	0.020 calibrator	Sequence:	17Aug21
Method:	ethanol quant.M	Injection date:	8/17/2021 10:59:09 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\17Aug21\1.D		

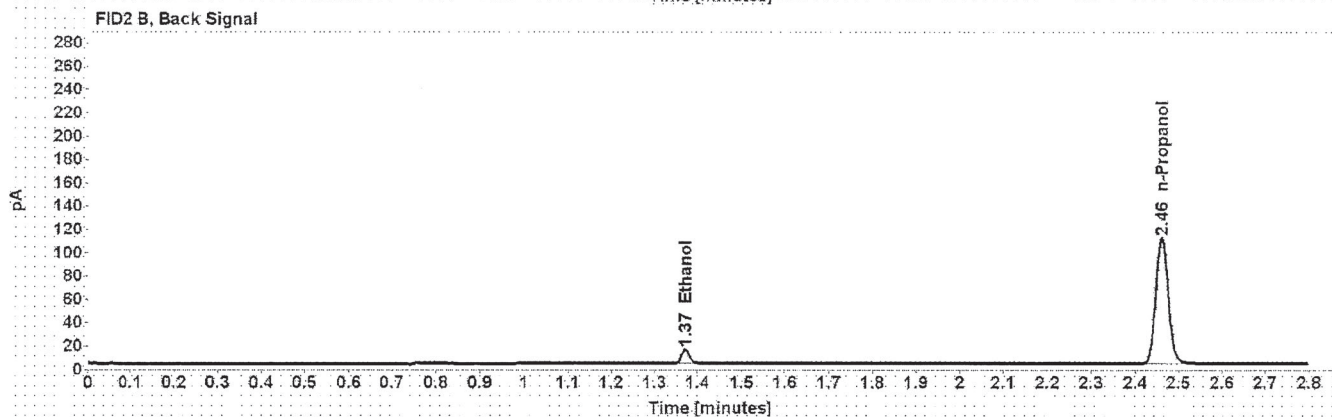


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	11.968
n-Propanol	2.013	172.834

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

Compound	Time (min)	Peak Area
Ethanol	1.371	14.982
n-Propanol	2.462	216.712

AB

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	17Aug21
Method:	ethanol quant.M	Injection date:	8/17/2021 11:03:09 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\17Aug21\2.D		

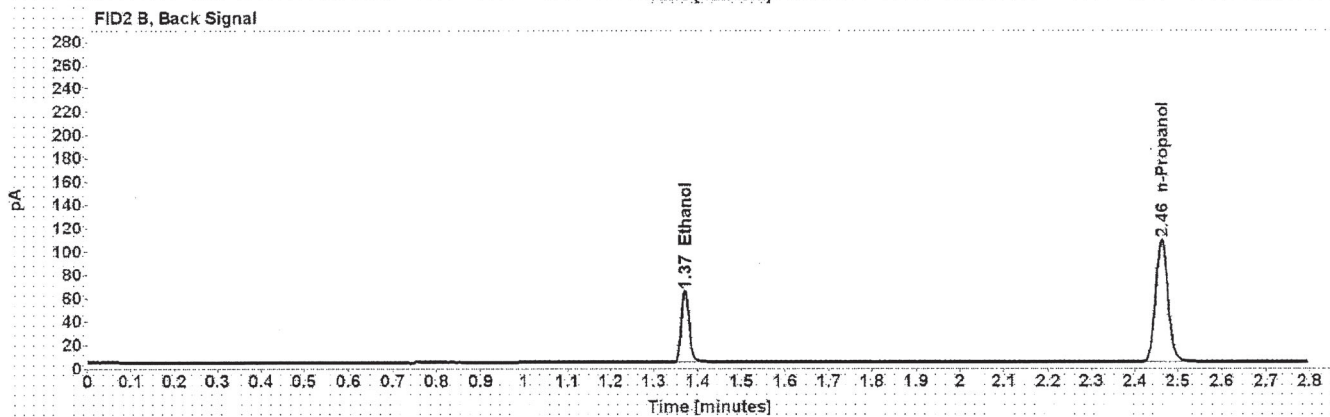
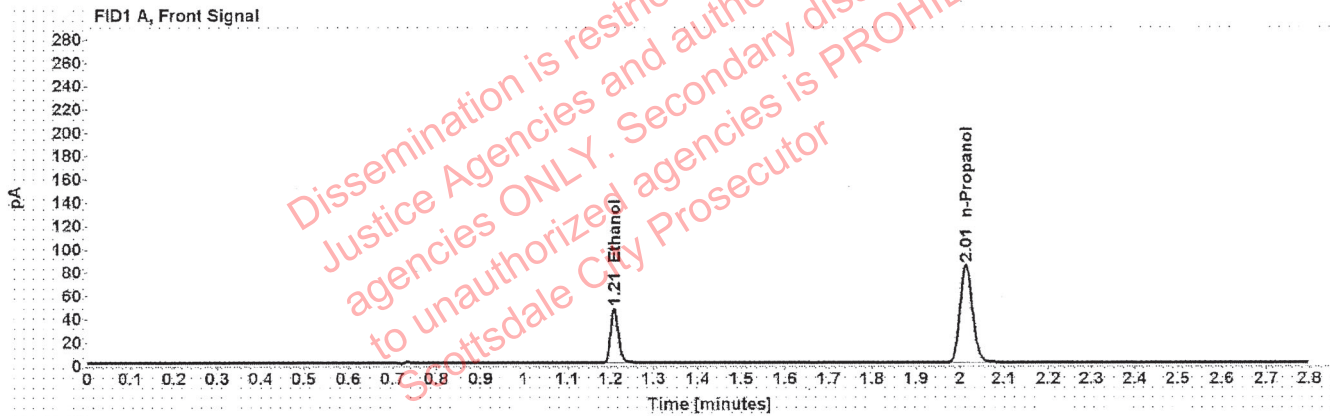


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.765
n-Propanol	2.013	167.825

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

Compound	Time (min)	Peak Area
Ethanol	1.371	75.098
n-Propanol	2.463	210.432

JB

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05101903	Vial:	3
Description:	0.200 calibrator	Sequence:	17Aug21
Method:	ethanol quant.M	Injection date:	8/17/2021 11:07:09 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\17Aug21\3.D		

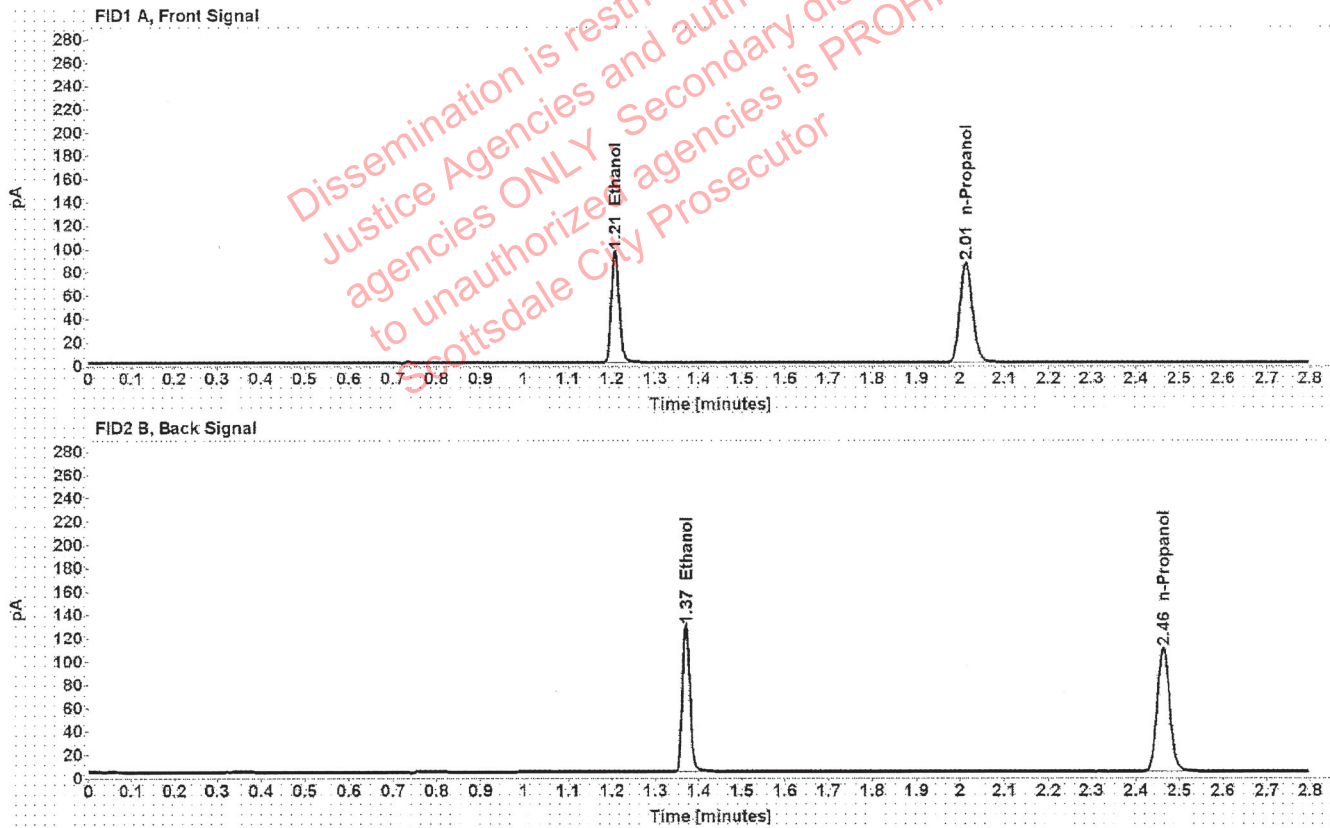


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	121.627
n-Propanol	2.013	170.555

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

Compound	Time (min)	Peak Area
Ethanol	1.370	153.101
n-Propanol	2.462	213.596

48

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	071521AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 11:15:09 AM
Data file:	C:\Chem32\1\Data\17Aug21\5.D	Analyst:	Brooke

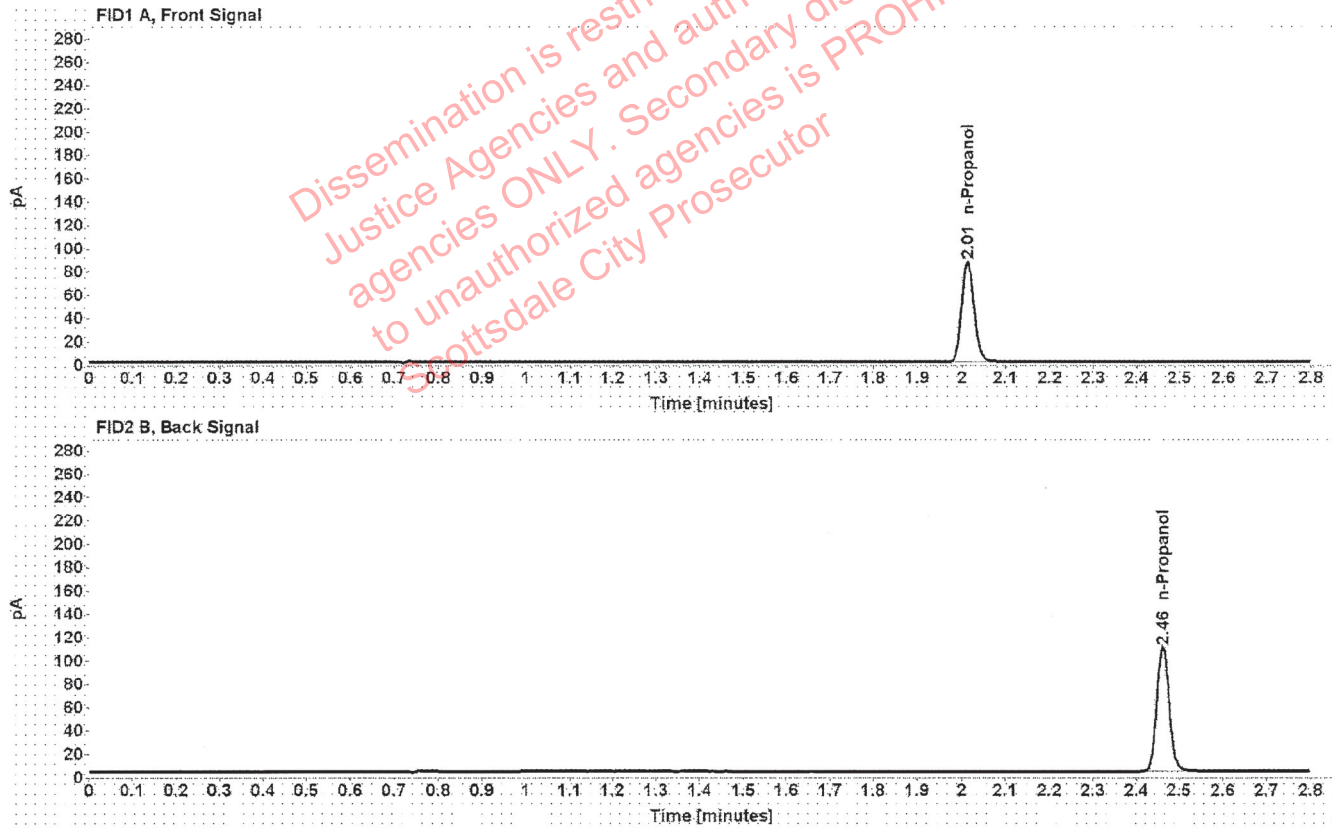


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.013	172.239

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

Compound	Time (min)	Peak Area
n-Propanol	2.462	215.526

RB

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN10051906	Vial:	4
Description:	0.400 calibrator	Sequence:	17Aug21
Method:	ethanol quant.M	Injection date:	8/17/2021 11:11:09 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\17Aug21\4.D		

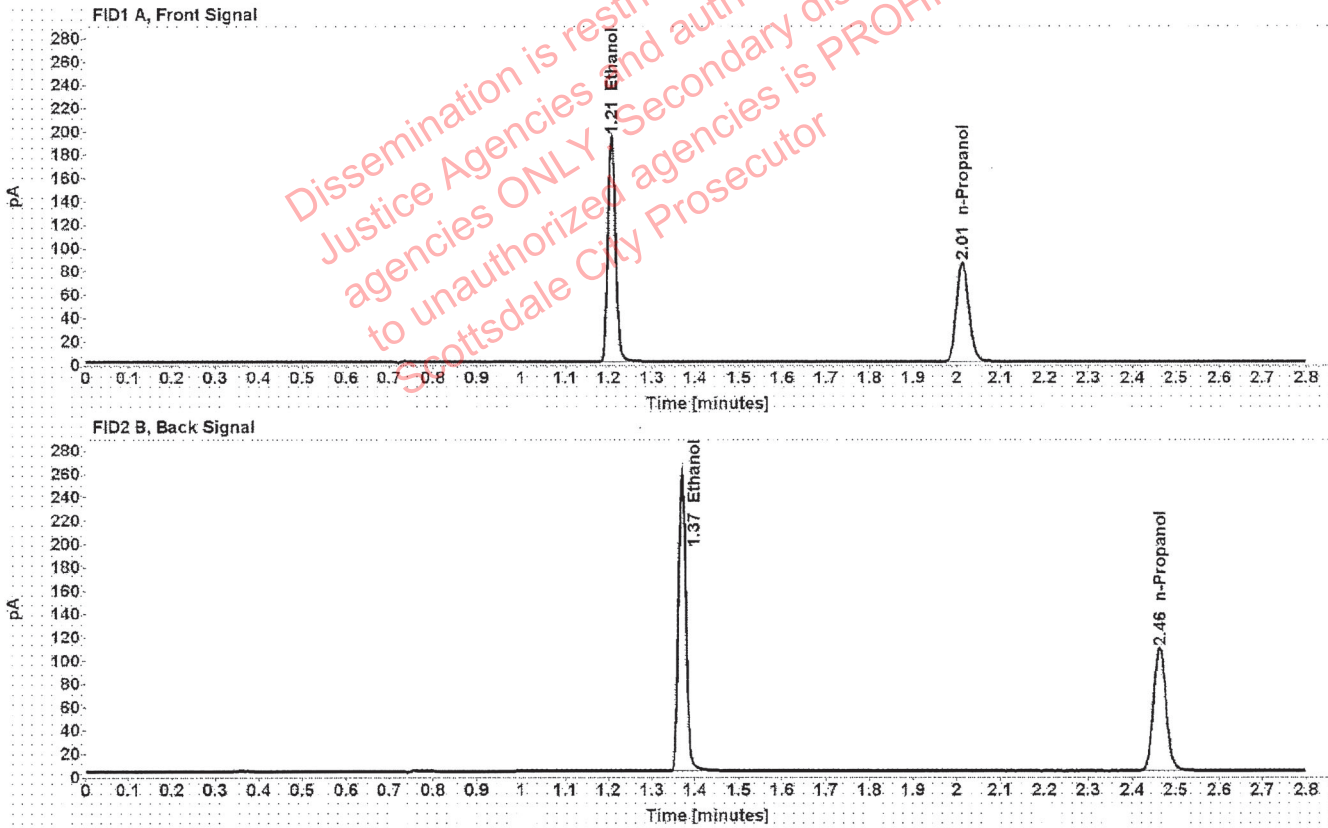


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	245.509
n-Propanol	2.013	170.229

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

Compound	Time (min)	Peak Area
Ethanol	1.370	309.854
n-Propanol	2.463	213.202

183

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 11:19:09 AM
Data file:	C:\Chem32\1\Data\17Aug21\6.D	Analyst:	Brooke

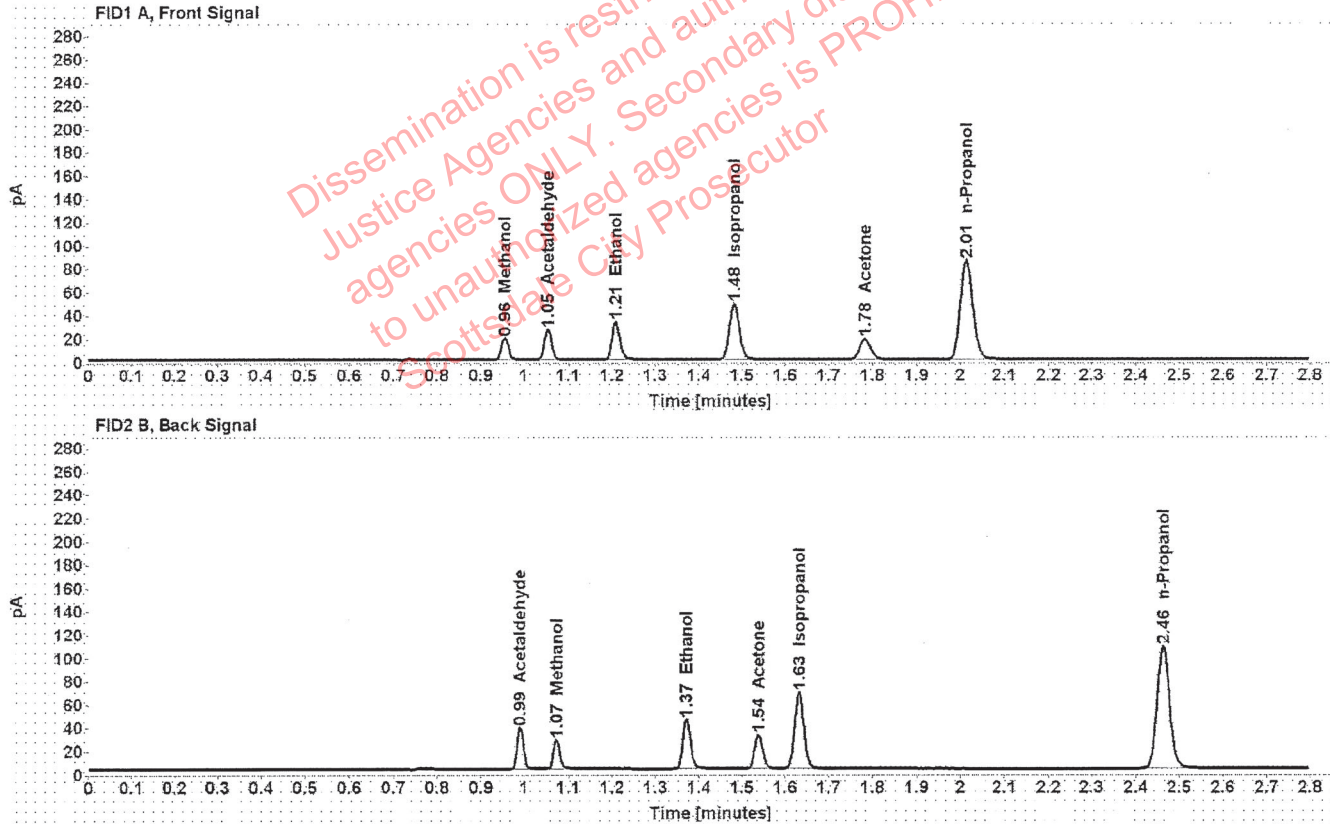


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	20.608
Acetaldehyde	-----	1.054	28.571
>Ethanol	0.0695	1.209	41.652
Isopropanol	-----	1.482	76.824
Acetone	-----	1.783	30.419
n-Propanol	-----	2.013	169.347

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.990	36.994
Methanol	1.073	26.523
Ethanol	1.371	52.362
Acetone	1.538	38.418
Isopropanol	1.632	98.718
n-Propanol	2.463	211.855



# Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 11:23:24 AM
Data file:	C:\Chem32\1\Data\17Aug21\7.D	Analyst:	Brooke

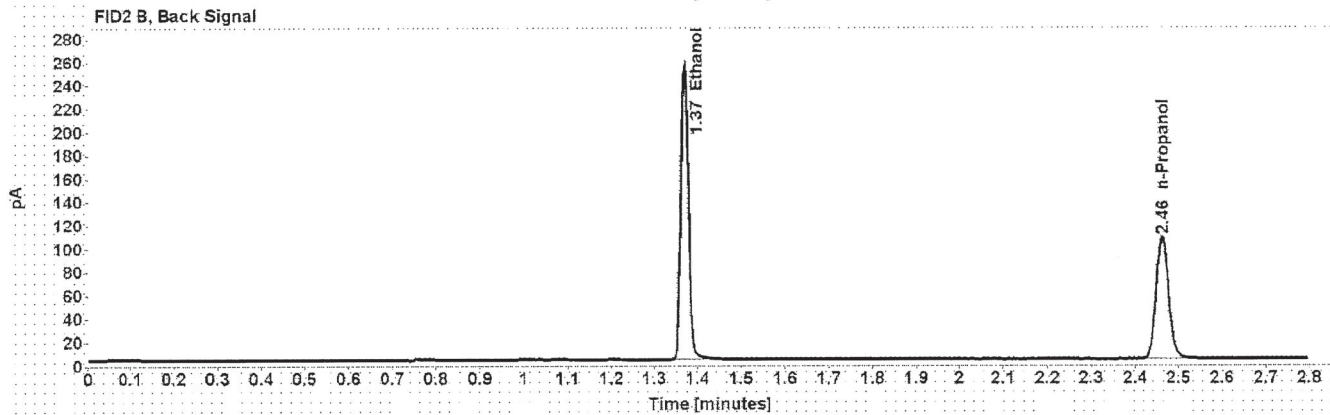
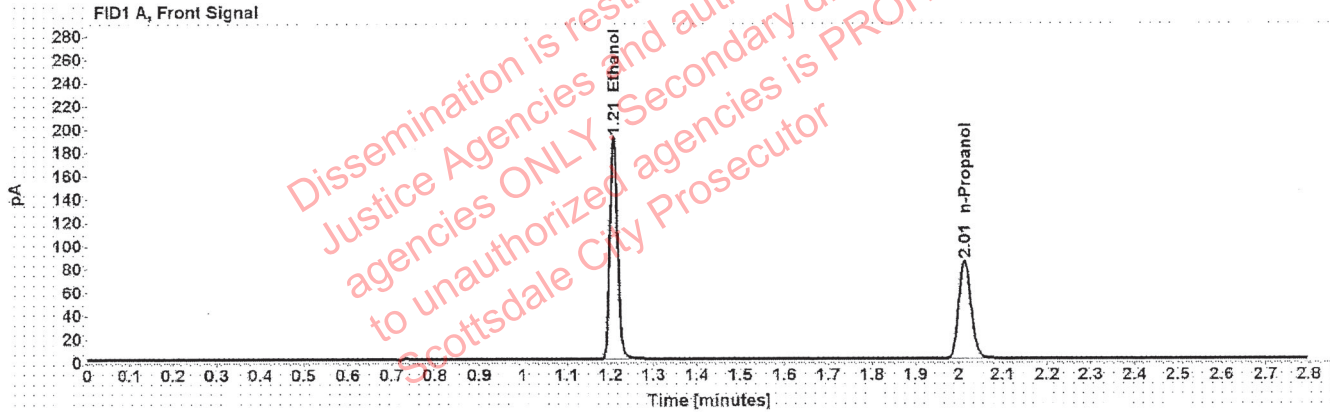


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4006	1.207	242.157
n-Propanol	-----	2.013	167.901

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

Compound	Time (min)	Peak Area
Ethanol	1.370	305.231
n-Propanol	2.463	209.929

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## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 11:27:24 AM
Data file:	C:\Chem32\1\Data\17Aug21\8.D	Analyst:	Brooke

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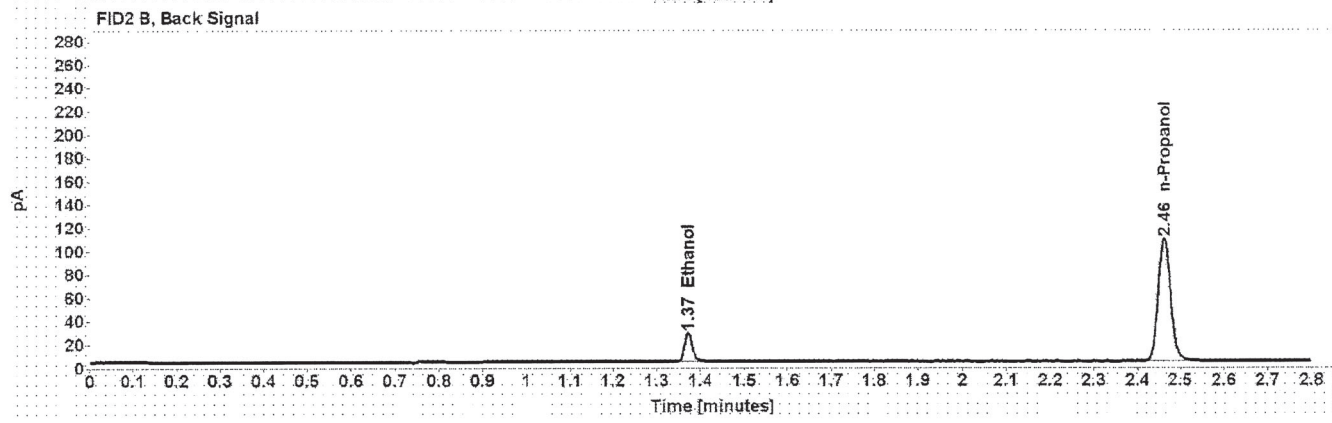
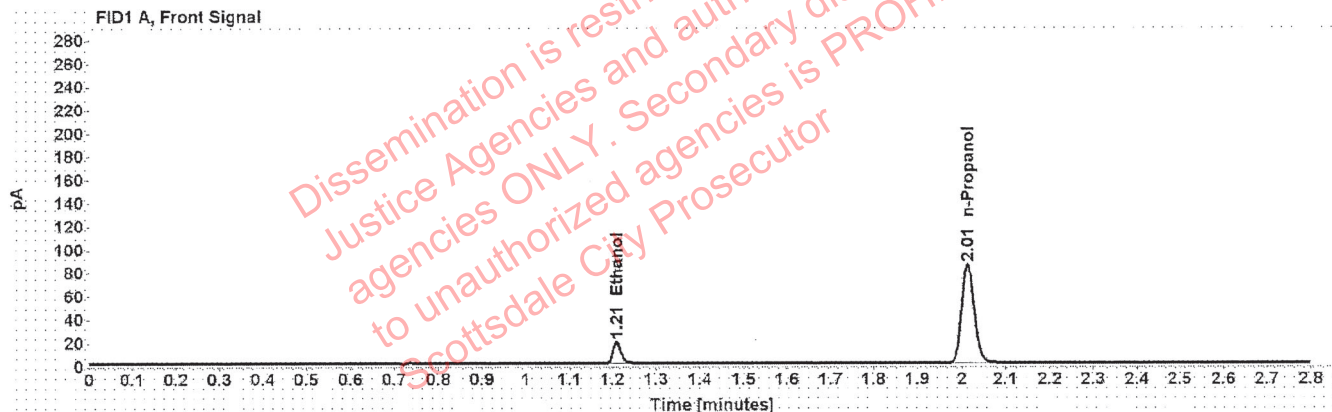


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.210	24.153
n-Propanol	-----	2.013	168.872

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

Compound	Time (min)	Peak Area
Ethanol	1.372	30.230
n-Propanol	2.463	211.402

493

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	9
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 11:31:23 AM
Data file:	C:\Chem32\1\Data\17Aug21\9.D	Analyst:	Brooke

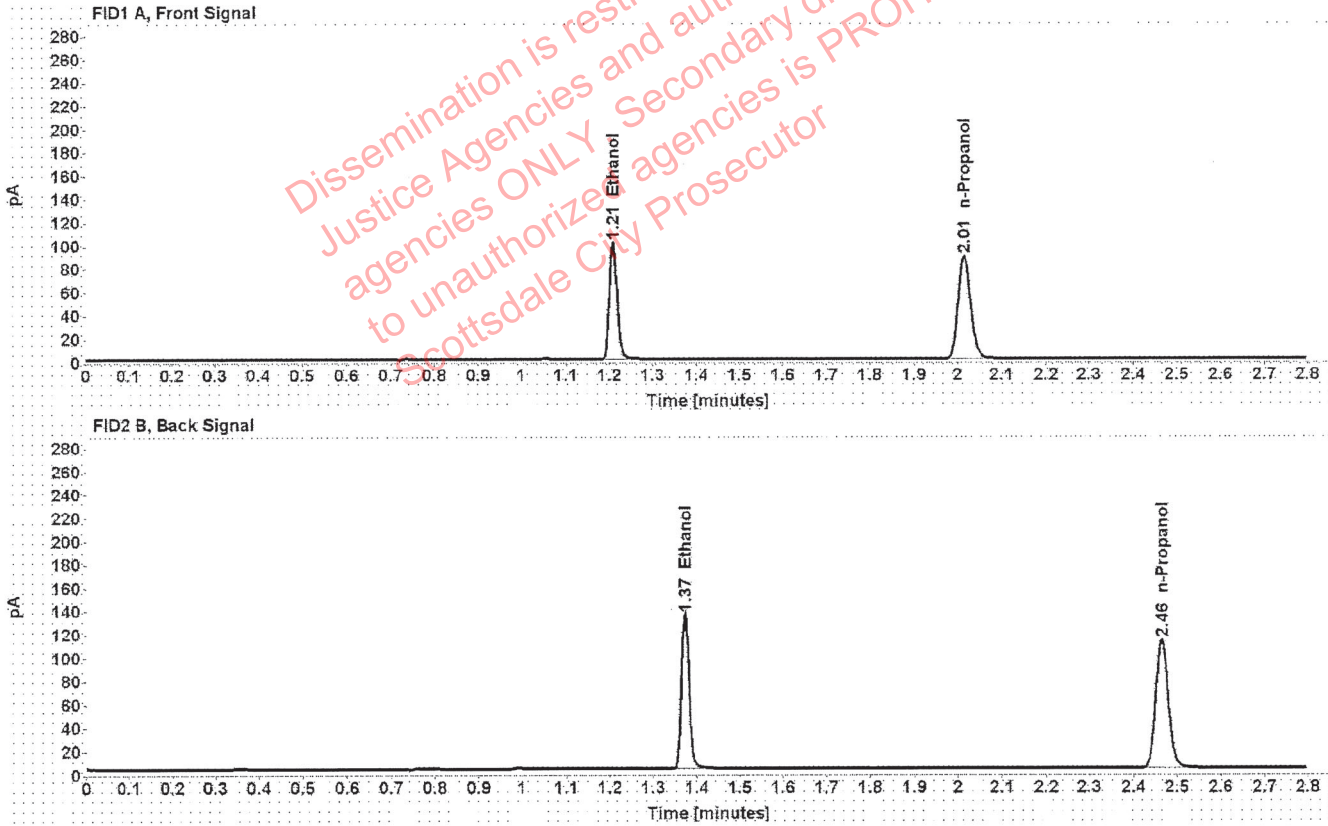


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.209	128.507
n-Propanol	-----	2.015	175.938

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

Compound	Time (min)	Peak Area
Ethanol	1.373	161.536
n-Propanol	2.465	220.409

183

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:15:53 PM
Data file:	C:\Chem32\1\Data\17Aug21\20.D	Analyst:	Brooke

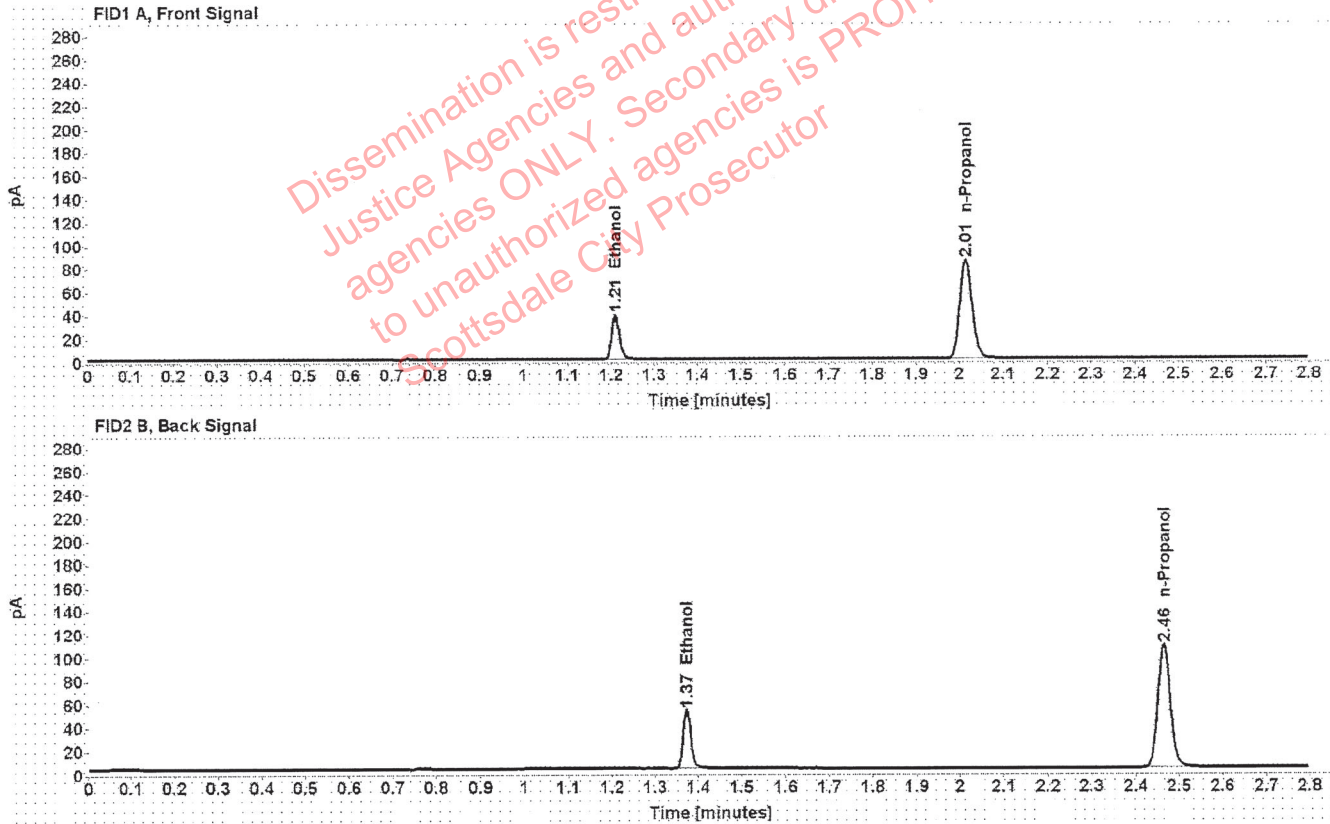


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0817	1.210	49.076
n-Propanol	-----	2.015	169.247

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

Compound	Time (min)	Peak Area
Ethanol	1.373	61.737
n-Propanol	2.465	212.007

103

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	31
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:00:23 PM
Data file:	C:\Chem32\1\Data\17Aug21\31.D	Analyst:	Brooke

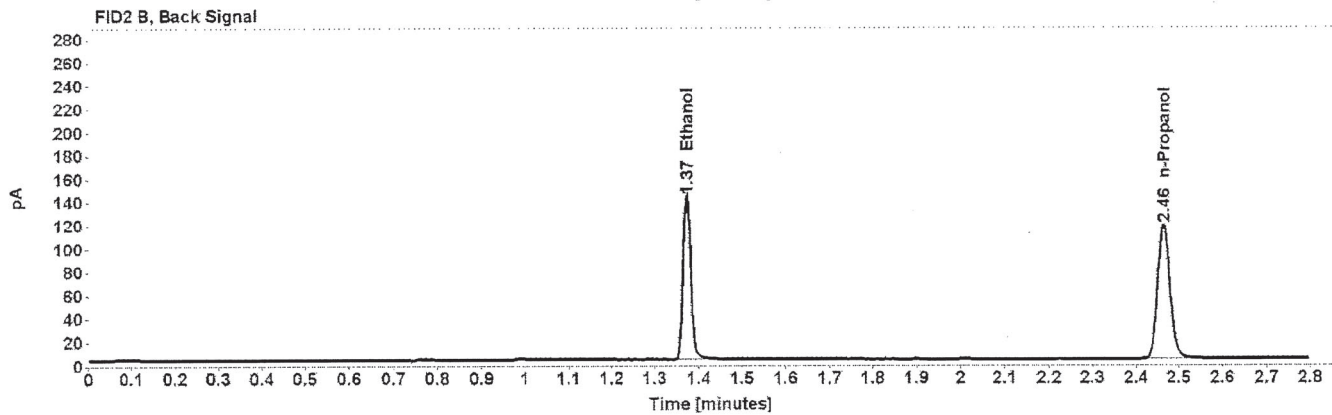
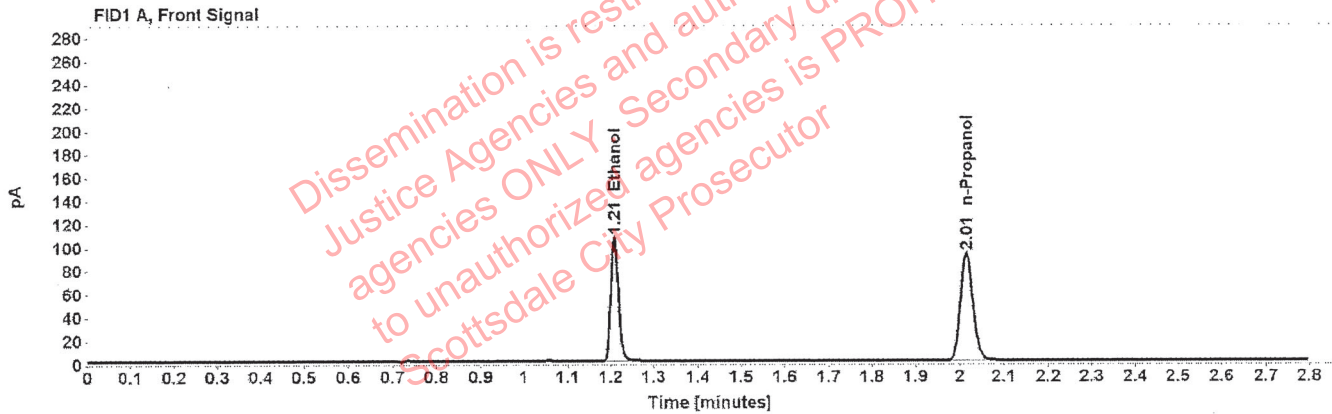


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2062	1.209	136.448
n-Propanol	-----	2.015	184.406

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

Compound	Time (min)	Peak Area
Ethanol	1.373	172.222
n-Propanol	2.465	231.300

193

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	42
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:44:39 PM
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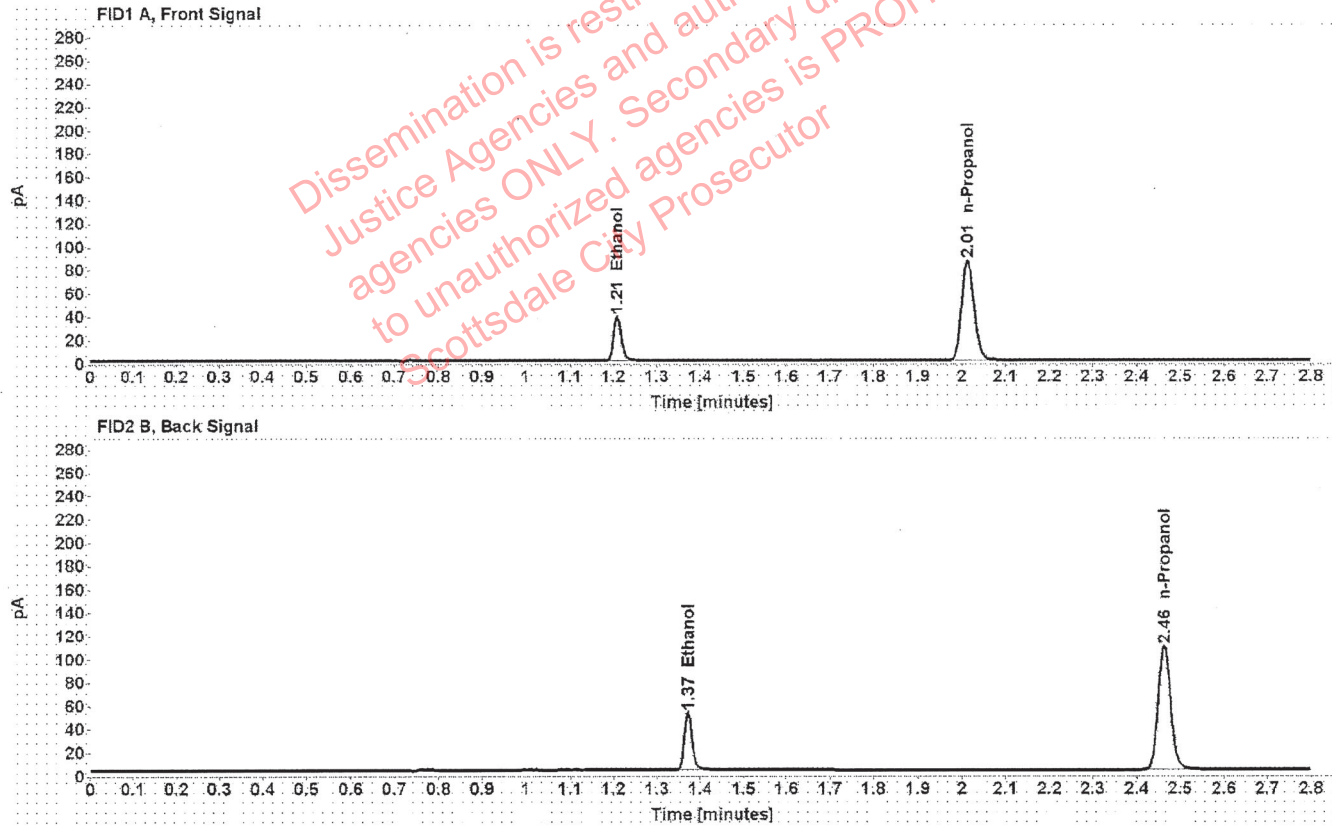


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.209	48.817
n-Propanol	-----	2.014	170.823

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

Compound	Time (min)	Peak Area
Ethanol	1.371	61.274
n-Propanol	2.463	214.274

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 53
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 17Aug21
Instrument: US14173023 CN14160045	Injection date: 8/17/2021 2:29:08 PM
Data file: C:\Chem32\1\Data\17Aug21\53.D	Analyst: Brooke

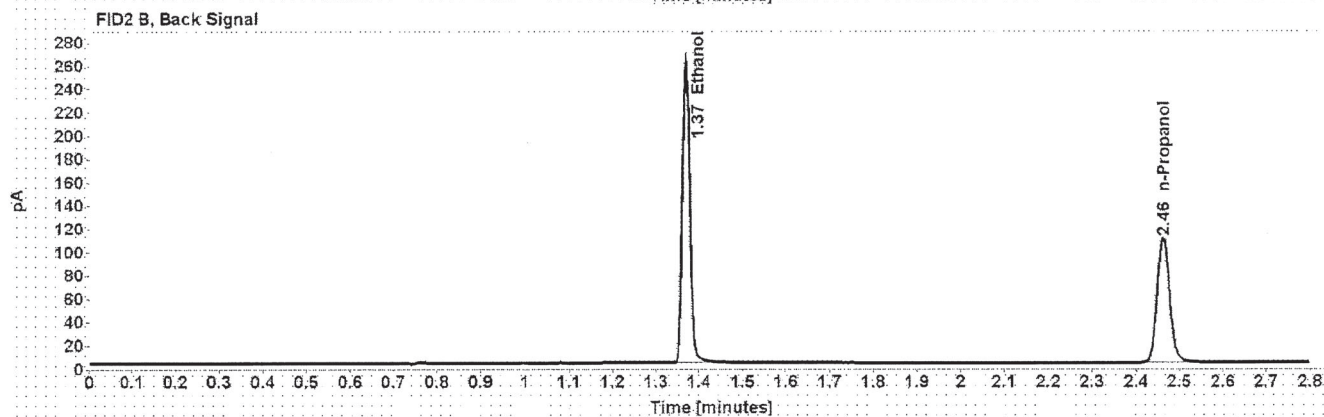
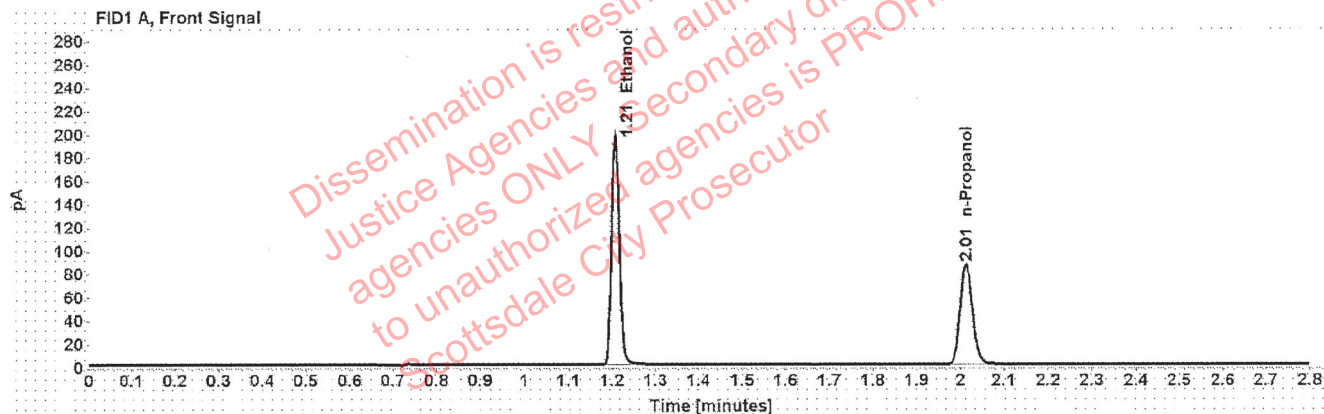


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4030	1.207	250.076
n-Propanol	-----	2.013	172.351

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

Compound	Time (min)	Peak Area
Ethanol	1.370	316.319
n-Propanol	2.463	216.068

4PB

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	54
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 2:33:08 PM
Data file:	C:\Chem32\1\Data\17Aug21\54.D	Analyst:	Brooke

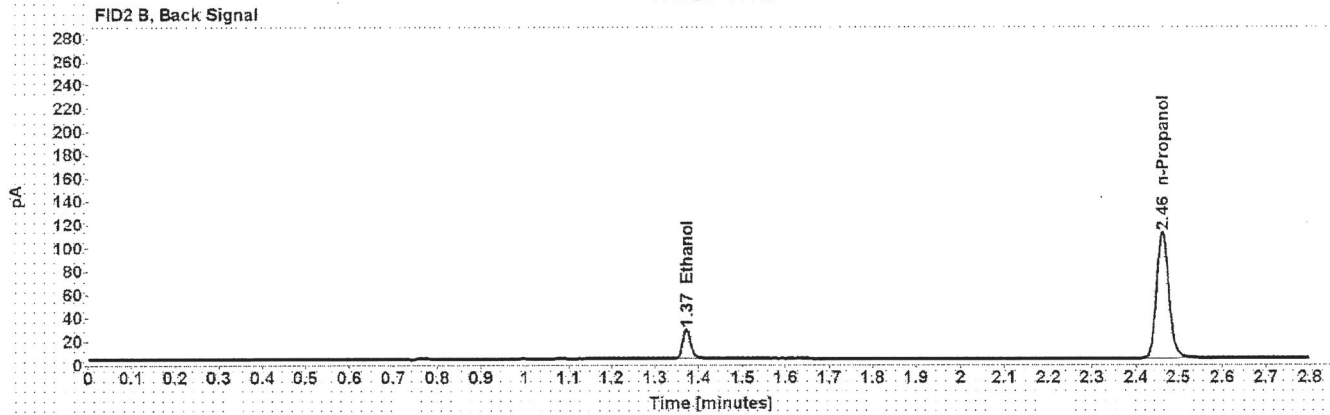
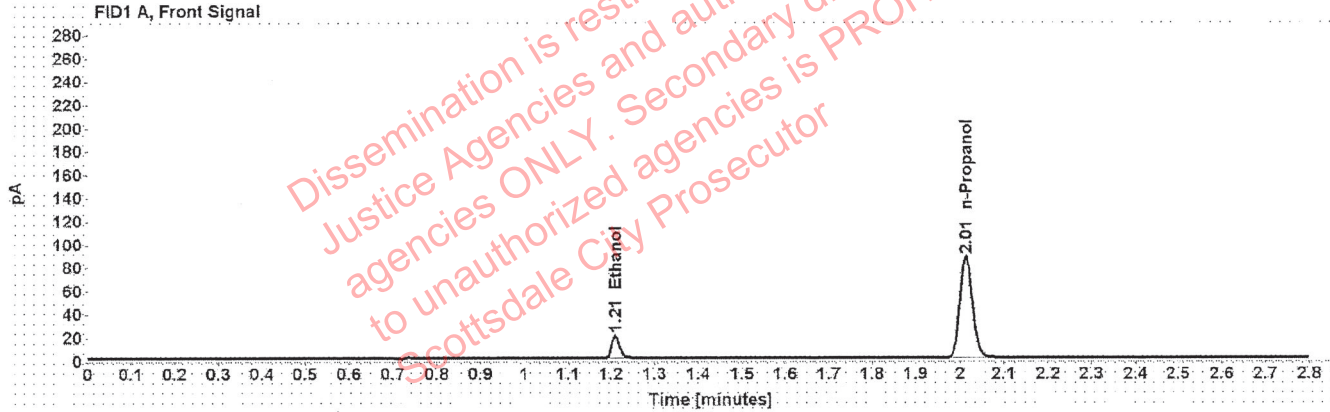


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0413	1.210	25.017
n-Propanol	-----	2.014	173.927

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

Compound	Time (min)	Peak Area
Ethanol	1.372	31.314
n-Propanol	2.463	218.064



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	55
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 2:37:23 PM
Data file:	C:\Chem32\1\Data\17Aug21\55.D	Analyst:	Brooke

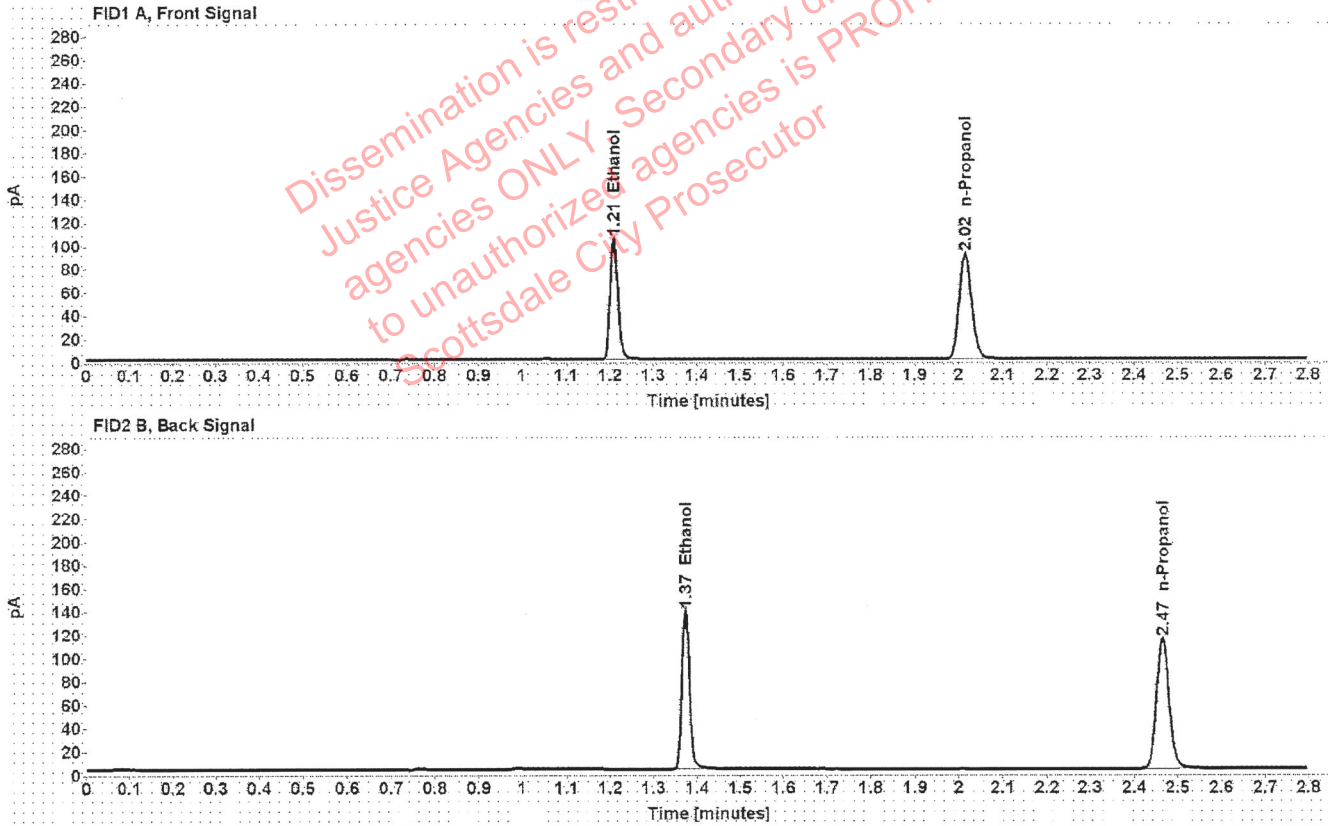


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2057	1.209	132.981
n-Propanol	-----	2.015	180.154

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

Compound	Time (min)	Peak Area
Ethanol	1.373	167.866
n-Propanol	2.465	225.855

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# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	56
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 2:41:24 PM
Data file:	C:\Chem32\1\Data\17Aug21\56.D	Analyst:	Brooke

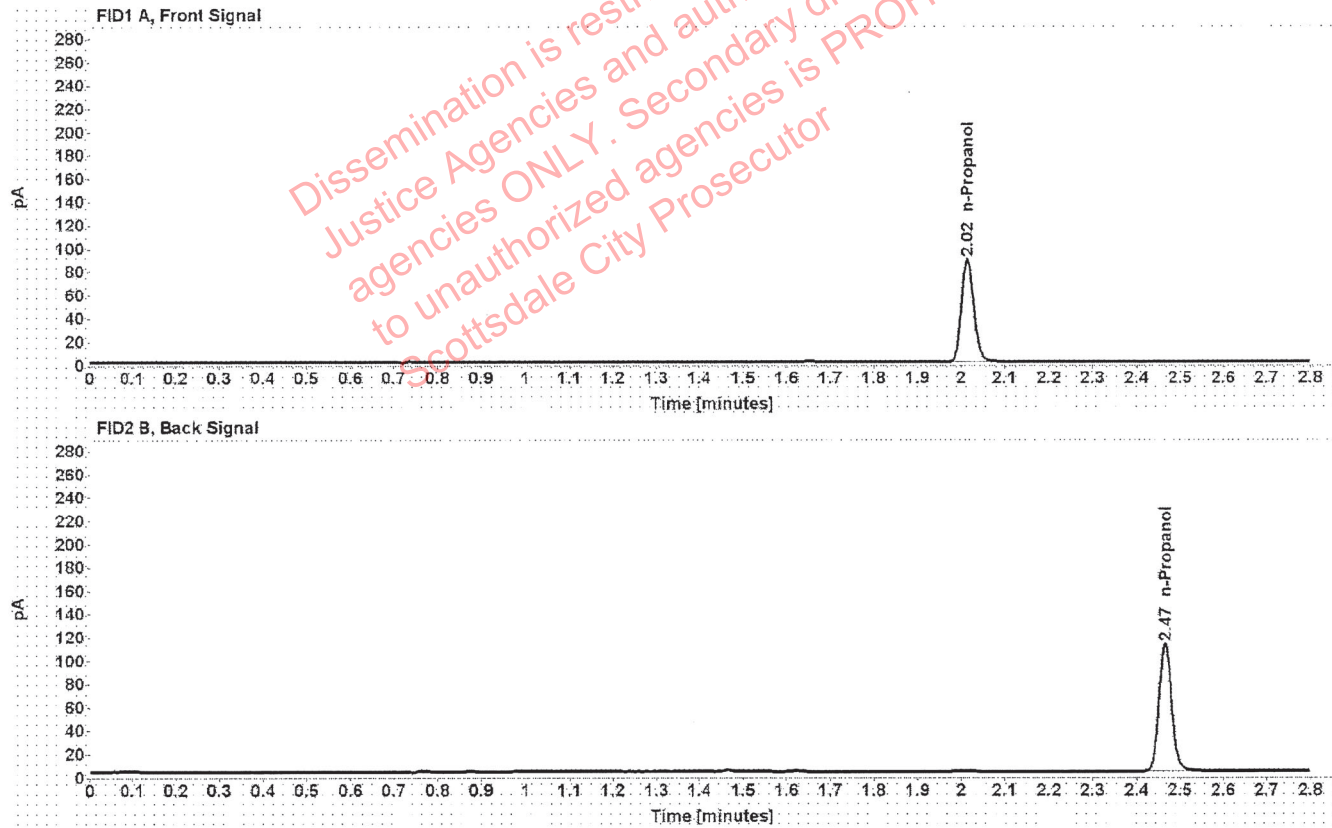


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	175.504

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

Compound	Time (min)	Peak Area
n-Propanol	2.465	220.484

# Sequence Summary

Sequence name: 17Aug21      Instrument: US14173023 CN14160045      Analyst: Brooke

PB

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	1380613		Sample		ethanol quant.M
11	1380613		Sample		ethanol quant.M
12	1384141		Sample		ethanol quant.M
13	1384141		Sample		ethanol quant.M
14	1383374		Sample		ethanol quant.M
15	1383374		Sample		ethanol quant.M
16	1384359		Sample		ethanol quant.M
17	1384359		Sample		ethanol quant.M
18	1384116		Sample		ethanol quant.M
19	1384116		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1384092		Sample		ethanol quant.M
22	1384092		Sample		ethanol quant.M
23	1384608		Sample		ethanol quant.M
24	1384608		Sample		ethanol quant.M
25	1384319		Sample		ethanol quant.M
26	1384319		Sample		ethanol quant.M
27	1384617		Sample		ethanol quant.M
28	1384617		Sample		ethanol quant.M
29	1384581		Sample		ethanol quant.M
30	1384581		Sample		ethanol quant.M
31	4101018274/9	0.200	Control		ethanol quant.M
32	1351601		Sample		ethanol quant.M
33	1351601		Sample		ethanol quant.M
34	1353964		Sample		ethanol quant.M
35	1353964		Sample		ethanol quant.M
36	1384745		Sample		ethanol quant.M
37	1384745		Sample		ethanol quant.M
38	1385025		Sample		ethanol quant.M
39	1385025		Sample		ethanol quant.M
40	1346657		Sample		ethanol quant.M
41	1346657		Sample		ethanol quant.M
42	20012020-B	0.080	Control		ethanol quant.M
43	34001IP		Sample		ethanol quant.M
44	34001IP		Sample		ethanol quant.M
45	1358571		Sample		ethanol quant.M
46	1358571		Sample		ethanol quant.M
47	1347462		Sample		ethanol quant.M

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# Sequence Summary



48	1347462		Sample		ethanol quant.M
49	1364982		Sample		ethanol quant.M
50	1364982		Sample		ethanol quant.M
51	1363375		Sample		ethanol quant.M
52	1363375		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

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# Scottsdale Police Department Crime Laboratory Summary of Cases

JPB

SEQUENCE NAME: 17Aug21

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0932	0.0929	0.09305	0.16	0.00015
12 13	0.1370	0.1386	0.13780	0.58	0.00080
14 15	0.1853	0.1854	0.18535	0.03	0.00005
16 17	0.0762	0.0765	0.07635	0.20	0.00015
18 19	0.2780	0.2773	0.27765	0.13	0.00035
21 22	0.2043	0.2051	0.20470	0.20	0.00040
23 24	0.0515	0.0517	0.05160	0.19	0.00010
25 26	0.2388	0.2383	0.23855	0.10	0.00025
27 28	0.0775	0.0770	0.07725	0.32	0.00025
29 30	0.1337	0.1334	0.13355	0.11	0.00015
32 33	0.1006	0.1013	0.10095	0.35	0.00035
34 35	0.1017	0.1018	0.10175	0.05	0.00005
36 37	0.2634	0.2589	0.26115	0.86	0.00225
38 39	0.1658	0.1649	0.16535	0.27	0.00045
40 41	0.2581	0.2602	0.25915	0.41	0.00105
43 44	0.1919	0.1917	0.19180	0.05	0.00010
45 46	0.1343	0.1352	0.13475	0.33	0.00045
47 48	0.1165	0.1155	0.11600	0.43	0.00050
49 50	0.1526	0.1525	0.15255	0.03	0.00005
51 52	0.2099	0.2100	0.20995	0.02	0.00005

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



[Redacted] : Brooke, Phillip - (18-Aug-2021)

Case: [Redacted] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380613	Vial:	10
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 11:35:23 AM
Data file:	C:\Chem32\1\Data\17Aug21\10.D	Analyst:	Brooke

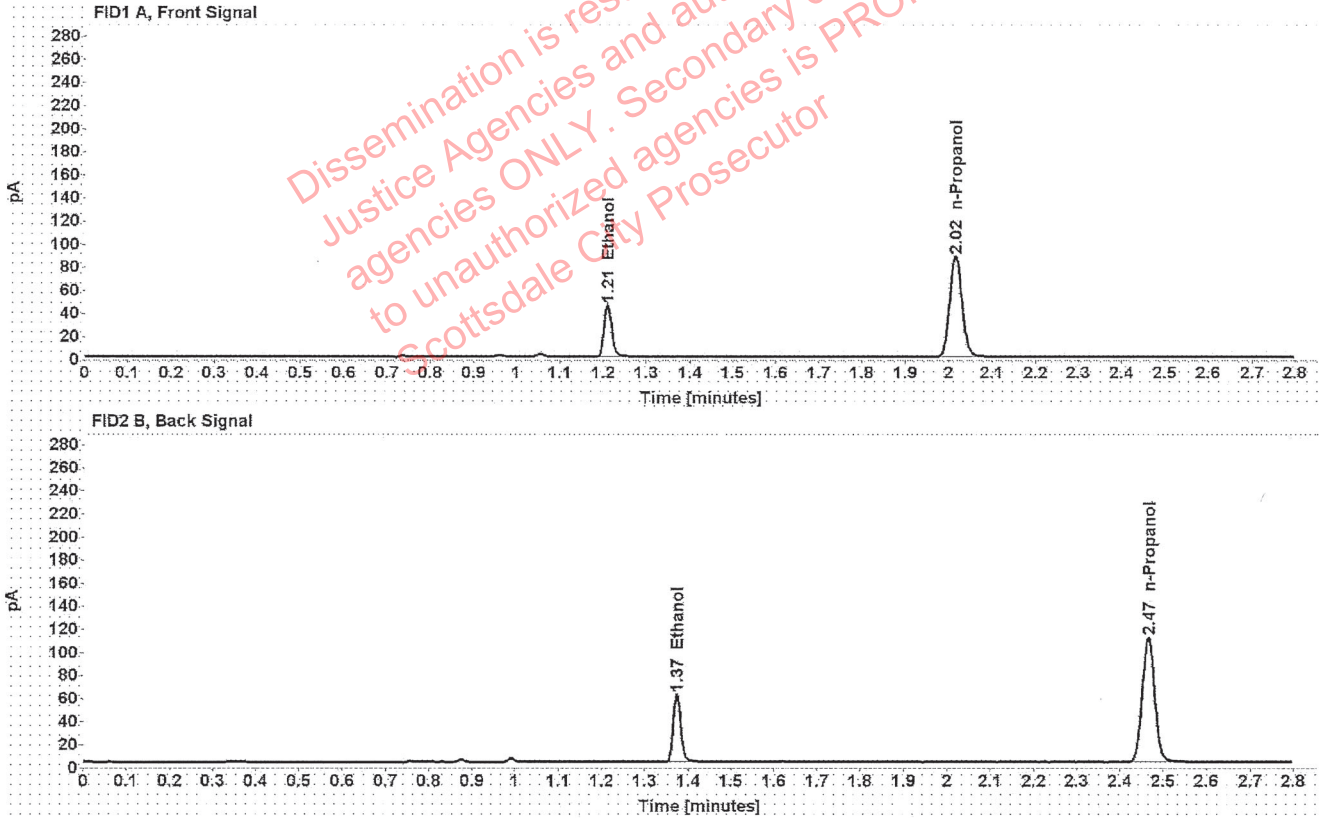


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0932	1.210	57.604
n-Propanol	-----	2.015	173.675

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

Compound	Time (min)	Peak Area
Ethanol	1.374	72.097
n-Propanol	2.465	217.879

[REDACTED]: Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1380613	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 11:39:24 AM
Data file:	C:\Chem32\1\Data\17Aug21\11.D	Analyst:	Brooke

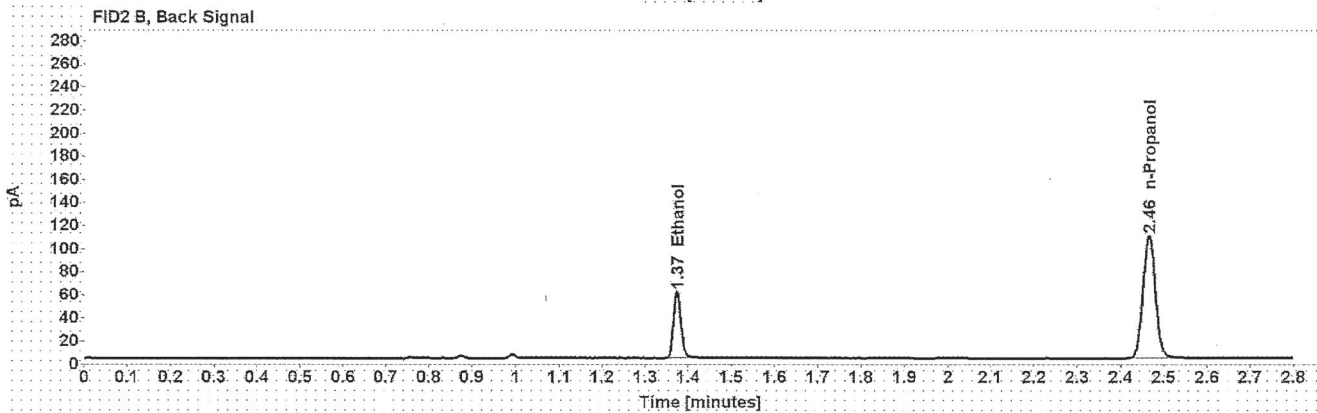
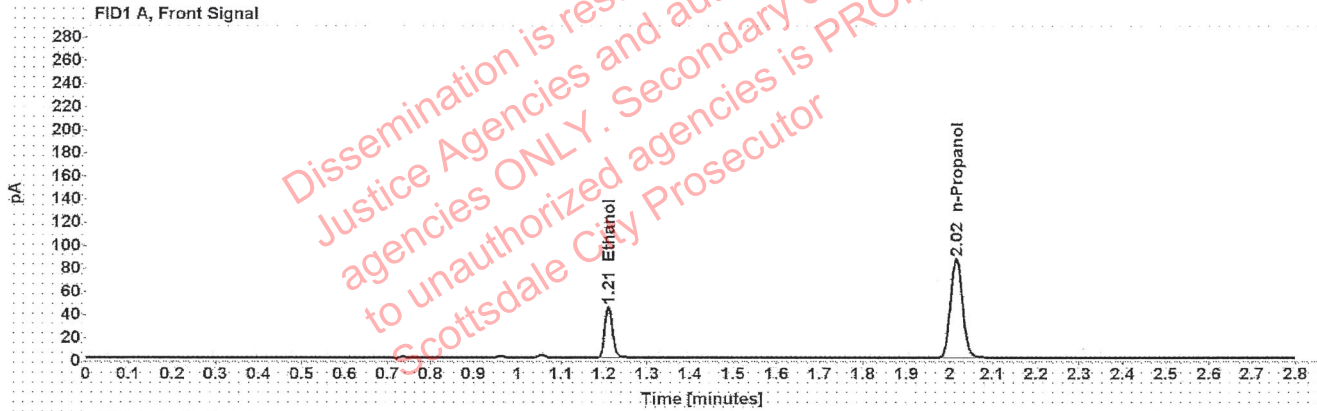


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0929	1.210	56.578
n-Propanol	-----	2.015	171.185

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

Compound	Time (min)	Peak Area
Ethanol	1.373	70.854
n-Propanol	2.465	215.002



Brooke, Phillip - (18-Aug-2021)

Case: User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384141	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 11:43:24 AM
Data file:	C:\Chem321\Data\17Aug21\12.D	Analyst:	Brooke

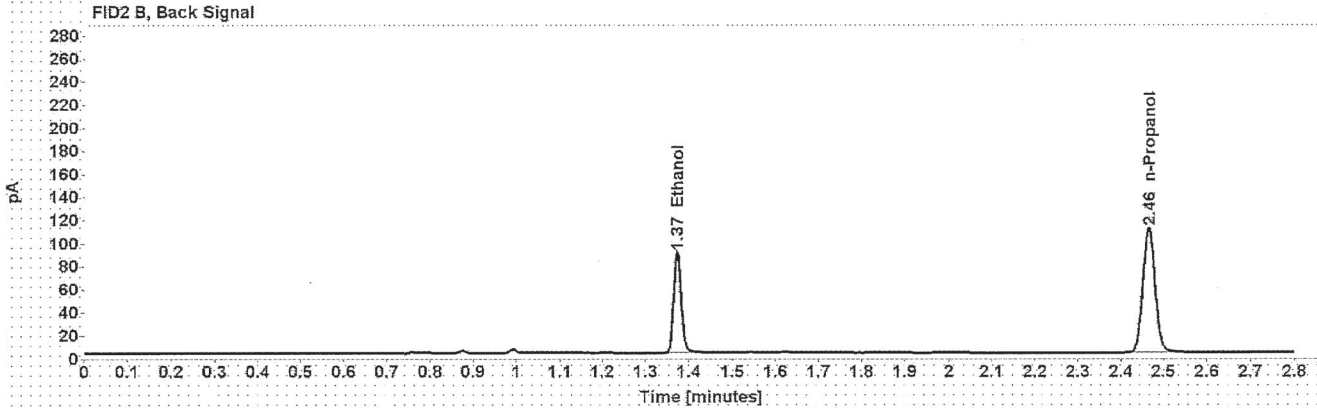
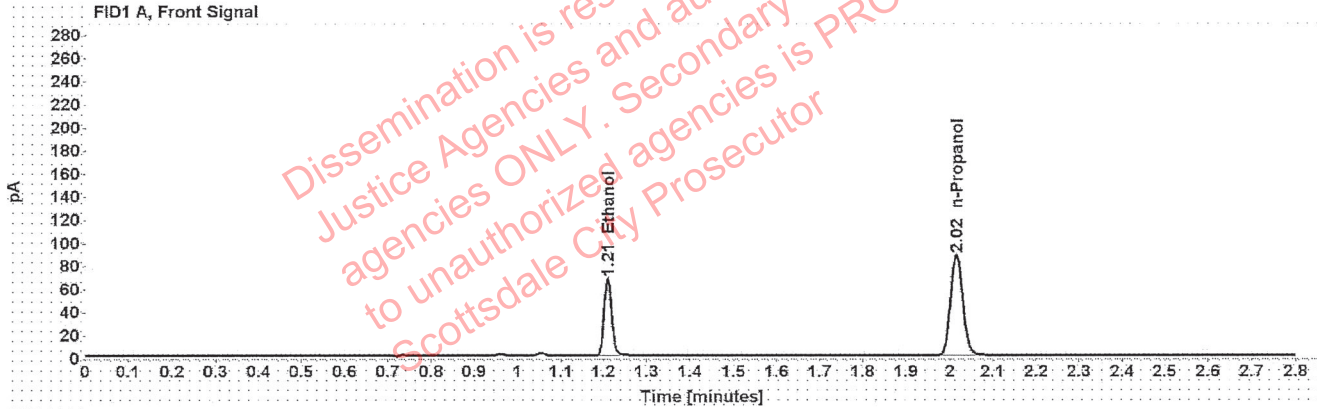


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1370	1.210	85.023
n-Propanol	-----	2.015	173.563

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

Compound	Time (min)	Peak Area
Ethanol	1.373	106.776
n-Propanol	2.465	217.623

[REDACTED]: Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384141	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 11:47:39 AM
Data file:	C:\Chem32\1\Data\17Aug21\13.D	Analyst:	Brooke

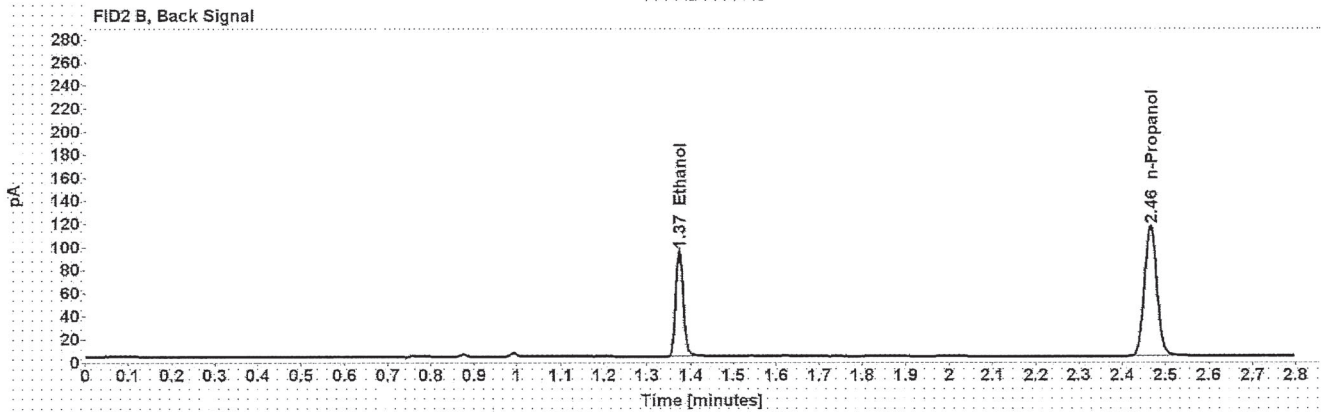
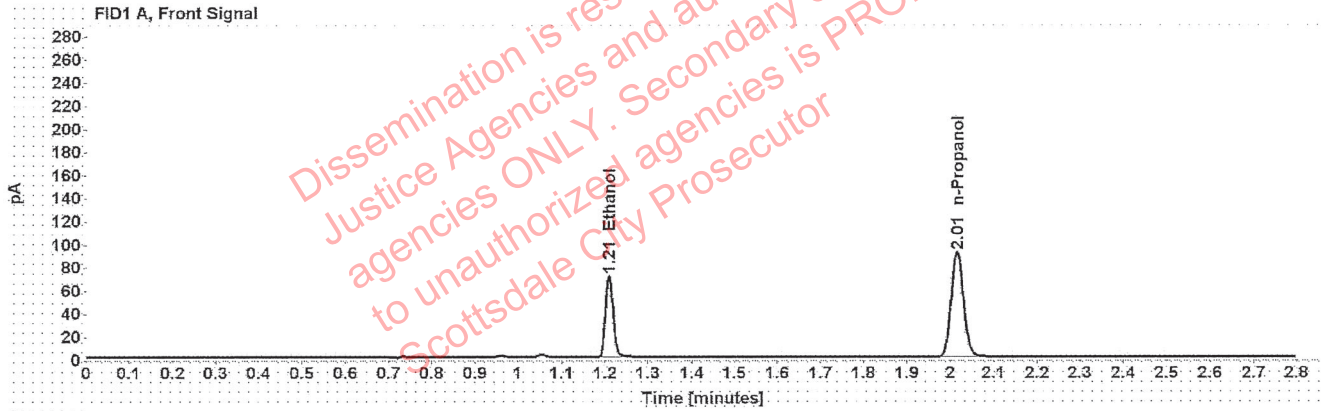


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1386	1.210	89.838
n-Propanol	-----	2.015	181.248

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

Compound	Time (min)	Peak Area
Ethanol	1.373	112.522
n-Propanol	2.465	227.092

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1383374	Vial:	14
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 11:51:38 AM
Data file:	C:\Chem32\1\Data\17Aug21\14.D	Analyst:	Brooke

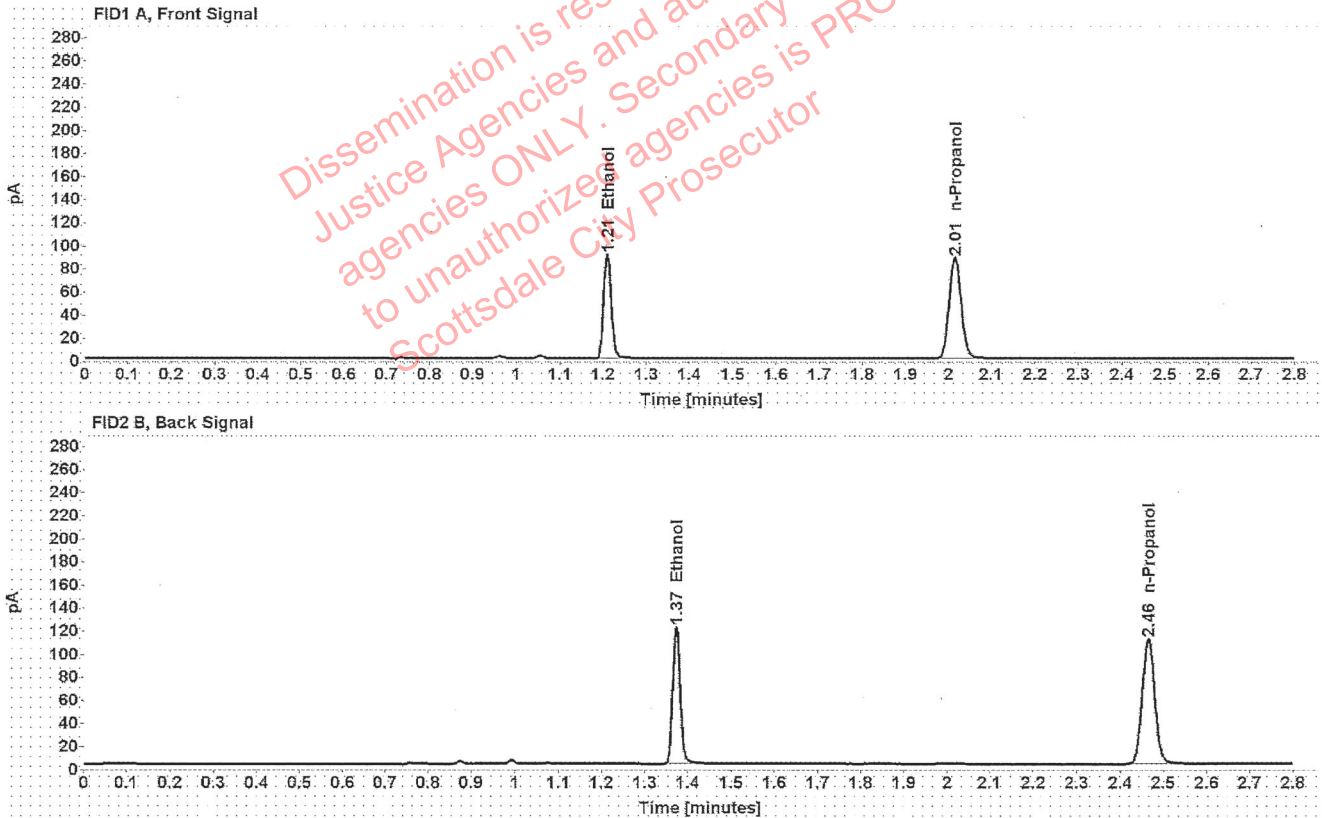


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1853	1.209	115.373
n-Propanol	-----	2.015	173.652

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

Compound	Time (min)	Peak Area
Ethanol	1.373	144.831
n-Propanol	2.465	217.320

██████████: Brooke, Phillip - (18-Aug-2021)

Case: ██████████ User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1383374	Vial:	15
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 11:55:38 AM
Data file:	C:\Chem321\Data\17Aug21\15.D	Analyst:	Brooke

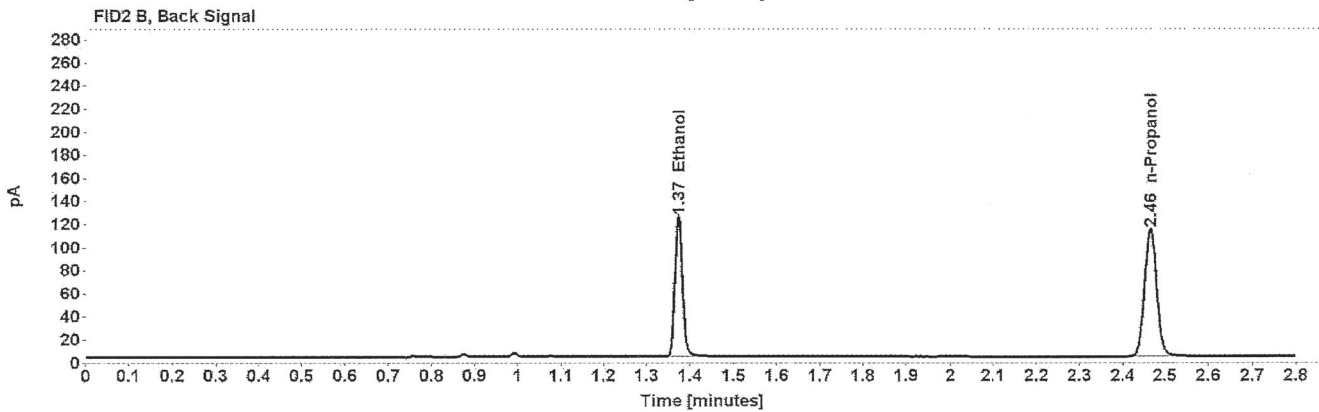
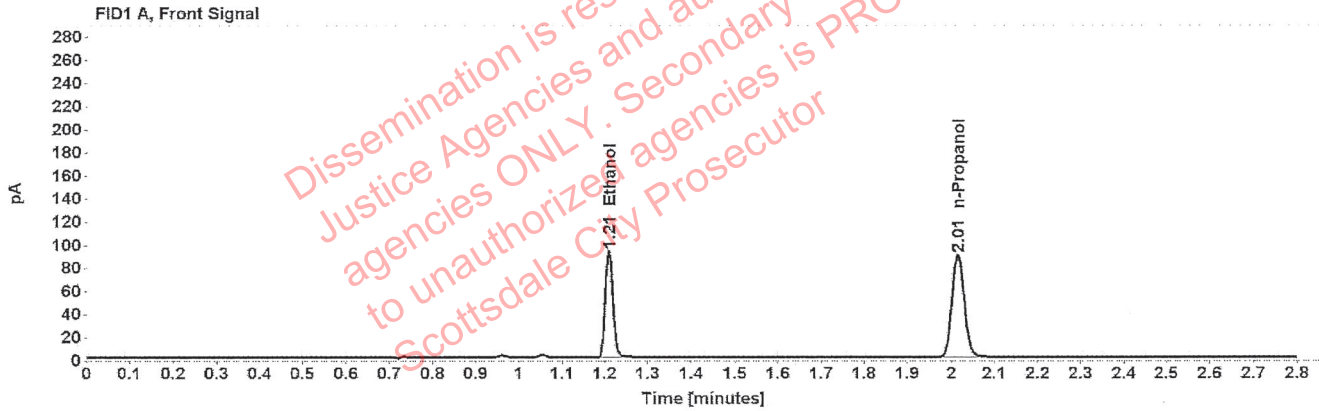


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1854	1.209	117.884
n-Propanol	-----	2.015	177.366

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

Compound	Time (min)	Peak Area
Ethanol	1.373	148.122
n-Propanol	2.465	222.111

[REDACTED]: Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384359	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 11:59:38 AM
Data file:	C:\Chem32\1\Data\17Aug21\16.D	Analyst:	Brooke

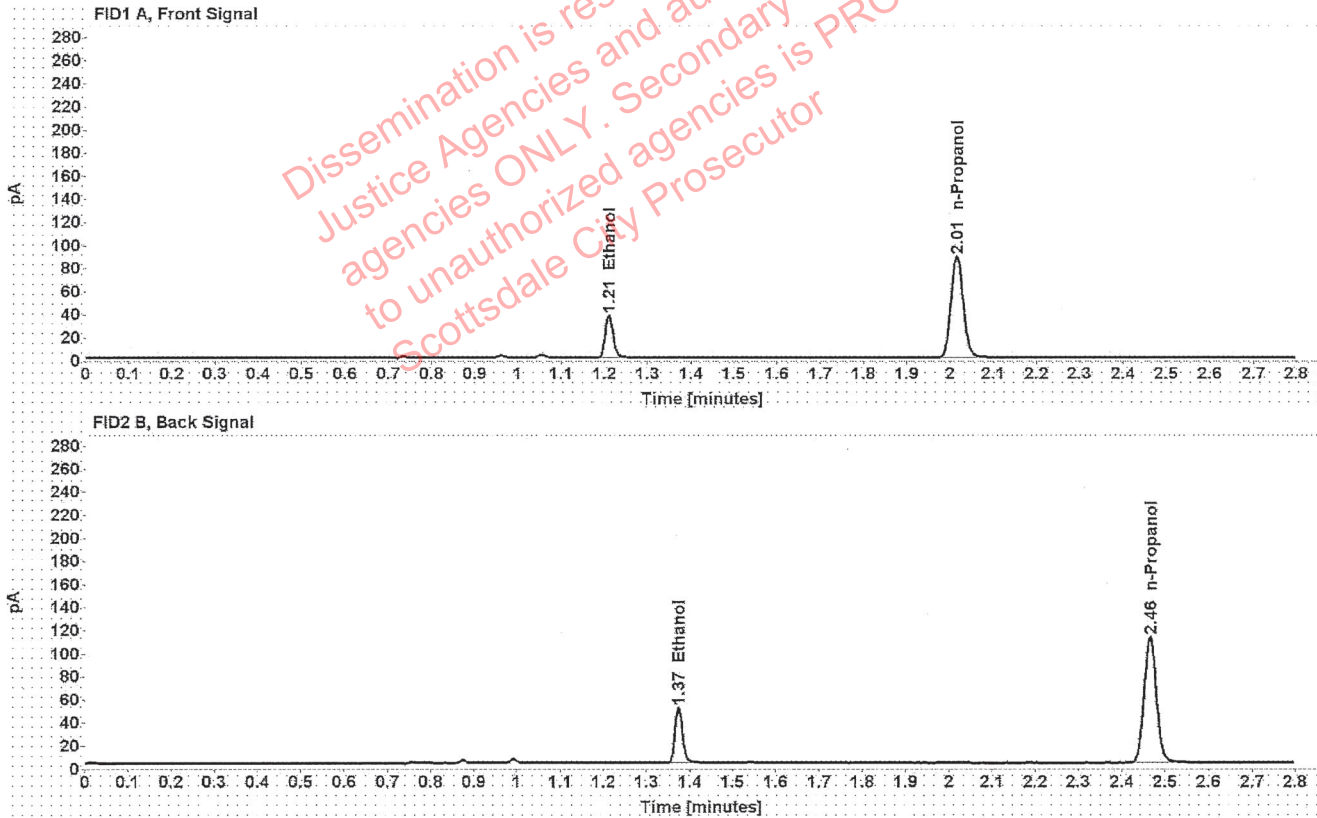


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0762	1.210	47.280
n-Propanol	-----	2.015	175.148

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

Compound	Time (min)	Peak Area
Ethanol	1.374	59.092
n-Propanol	2.465	219.497

[REDACTED]: Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384359	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:03:39 PM
Data file:	C:\Chem32\1\Data\17Aug21\17.D	Analyst:	Brooke

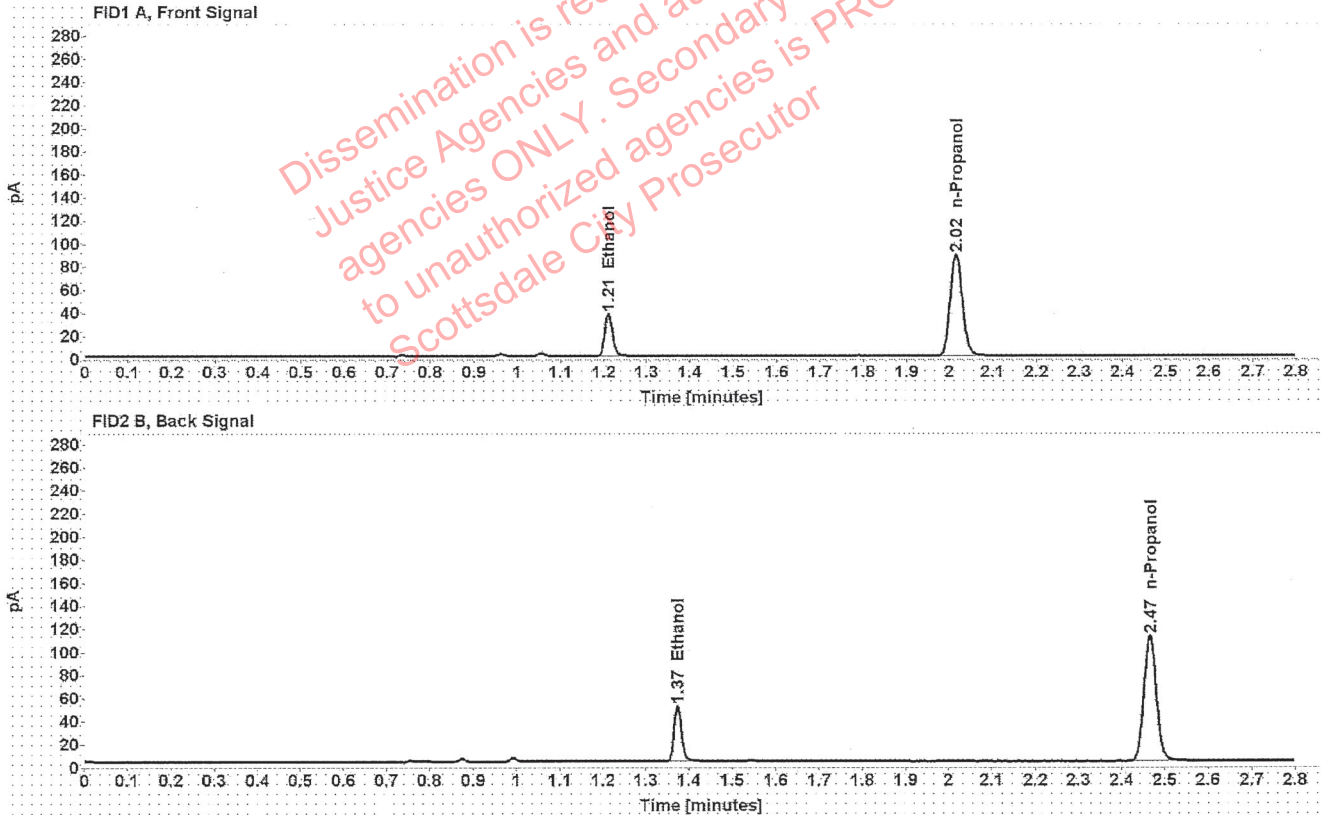


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0765	1.210	47.322
n-Propanol	-----	2.015	174.613

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

Compound	Time (min)	Peak Area
Ethanol	1.374	59.094
n-Propanol	2.465	219.091

Case: [REDACTED]: Brooke, Phillip - (18-Aug-2021)

User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384116	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:07:39 PM
Data file:	C:\Chem32\1\Data\17Aug21\18.D	Analyst:	Brooke

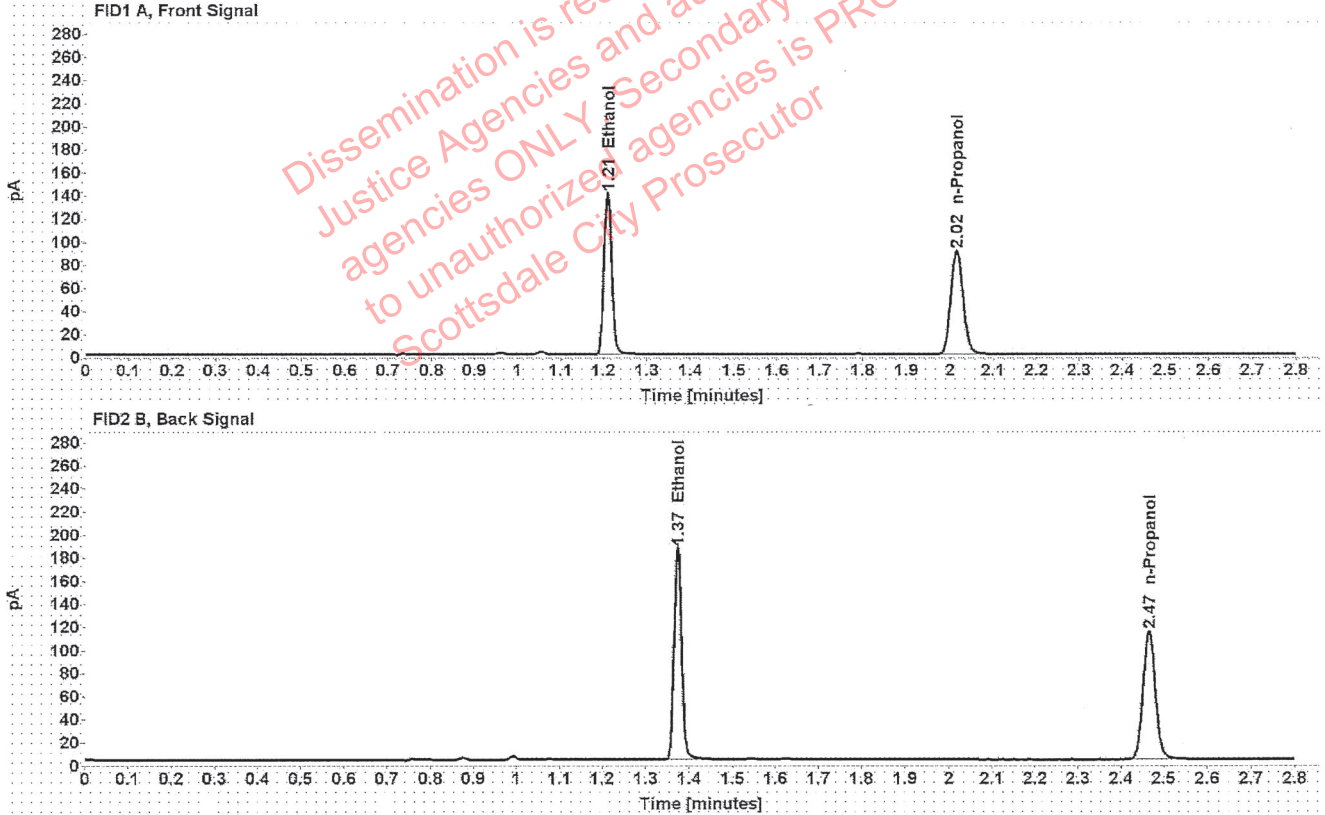


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2780	1.209	178.312
n-Propanol	-----	2.015	178.456

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

Compound	Time (min)	Peak Area
Ethanol	1.373	225.994
n-Propanol	2.465	223.888

[REDACTED]: Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384116	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:11:54 PM
Data file:	C:\Chem32\1\Data\17Aug21\19.D	Analyst:	Brooke

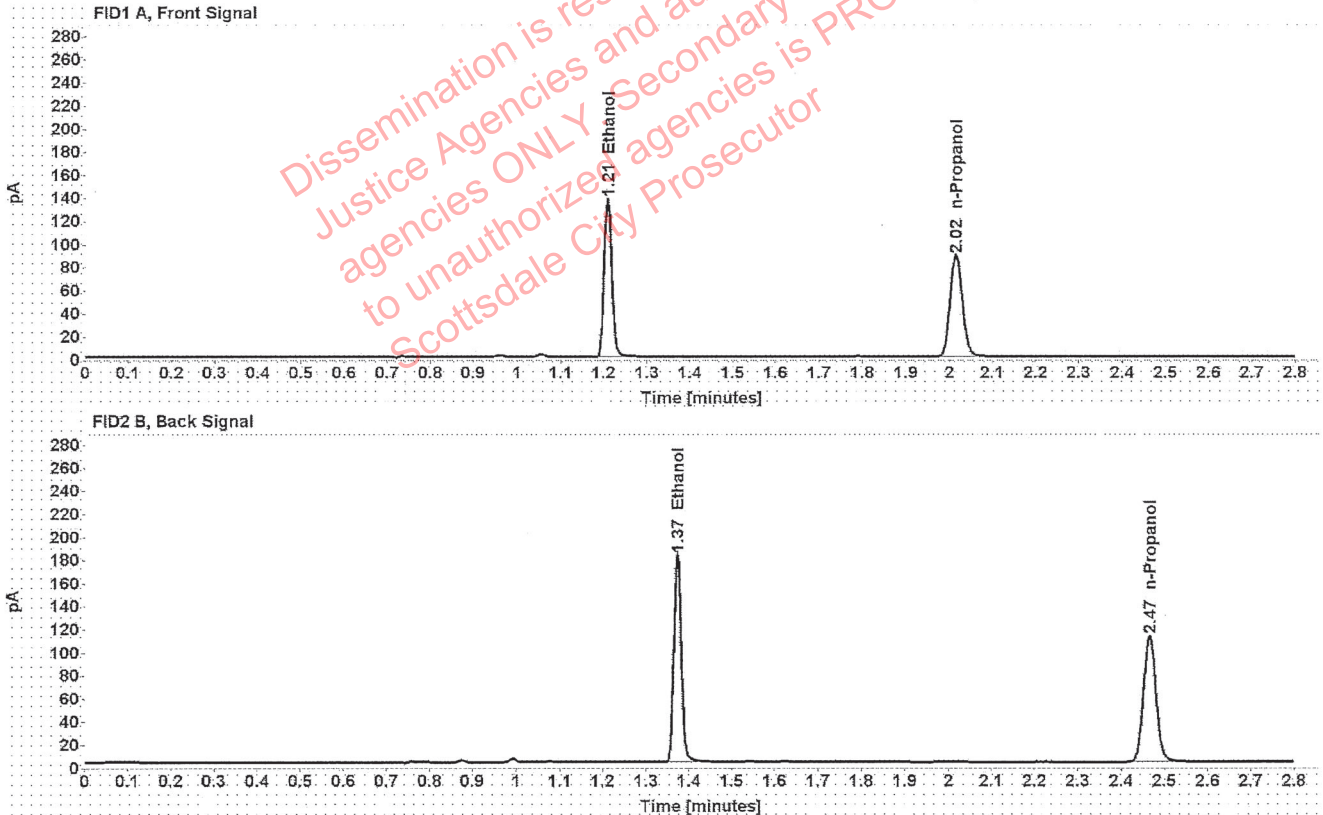


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2773	1.209	174.627
n-Propanol	-----	2.015	175.161

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

Compound	Time (min)	Peak Area
Ethanol	1.373	221.293
n-Propanol	2.465	219.706



[REDACTED] : Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384092	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:19:54 PM
Data file:	C:\Chem32\1\Data\17Aug21\21.D	Analyst:	Brooke

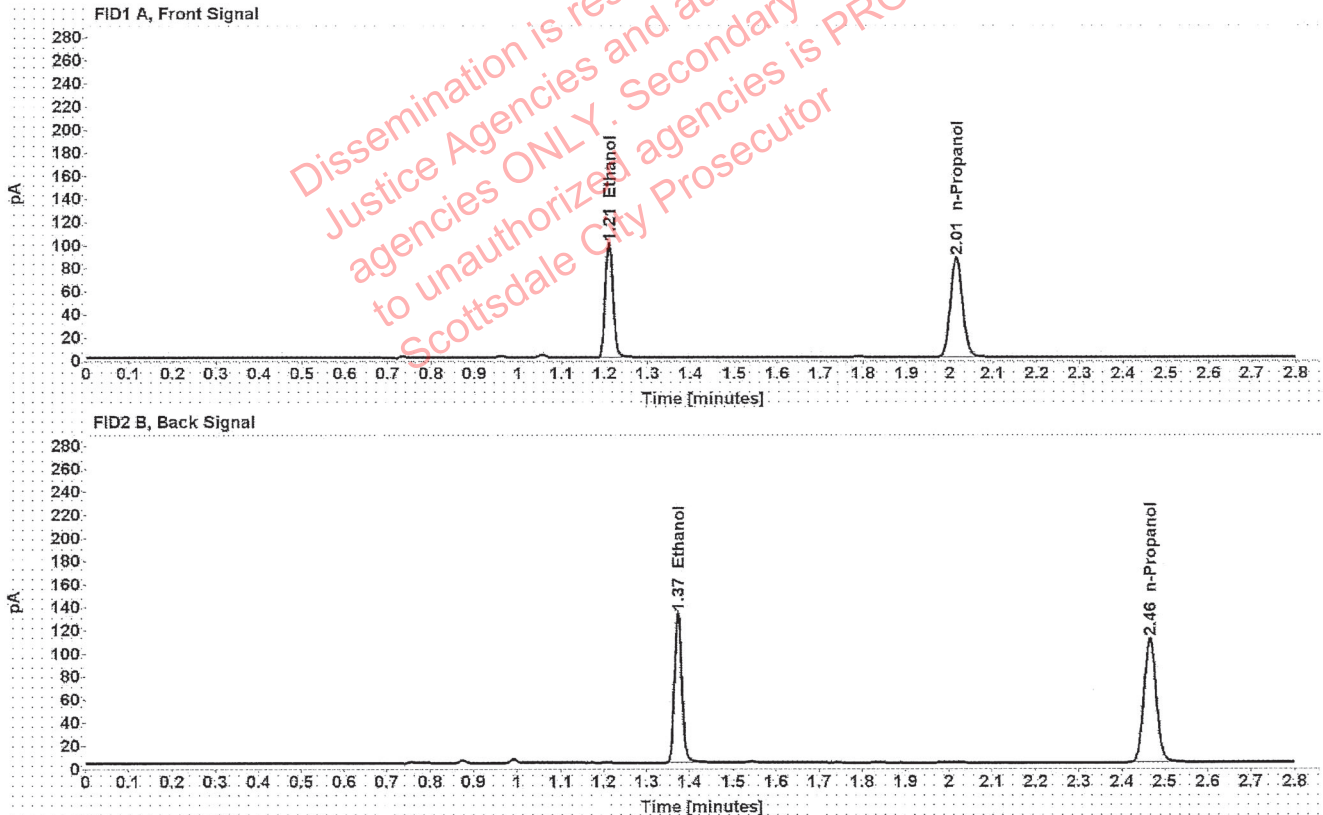


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2043	1.209	126.554
n-Propanol	-----	2.015	172.630

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

Compound	Time (min)	Peak Area
Ethanol	1.373	159.124
n-Propanol	2.465	216.430

██████████: Brooke, Phillip - (18-Aug-2021)

Case: ██████████ User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384092	Vial:	22
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:23:54 PM
Data file:	C:\Chem32\1\Data\17Aug21\22.D	Analyst:	Brooke

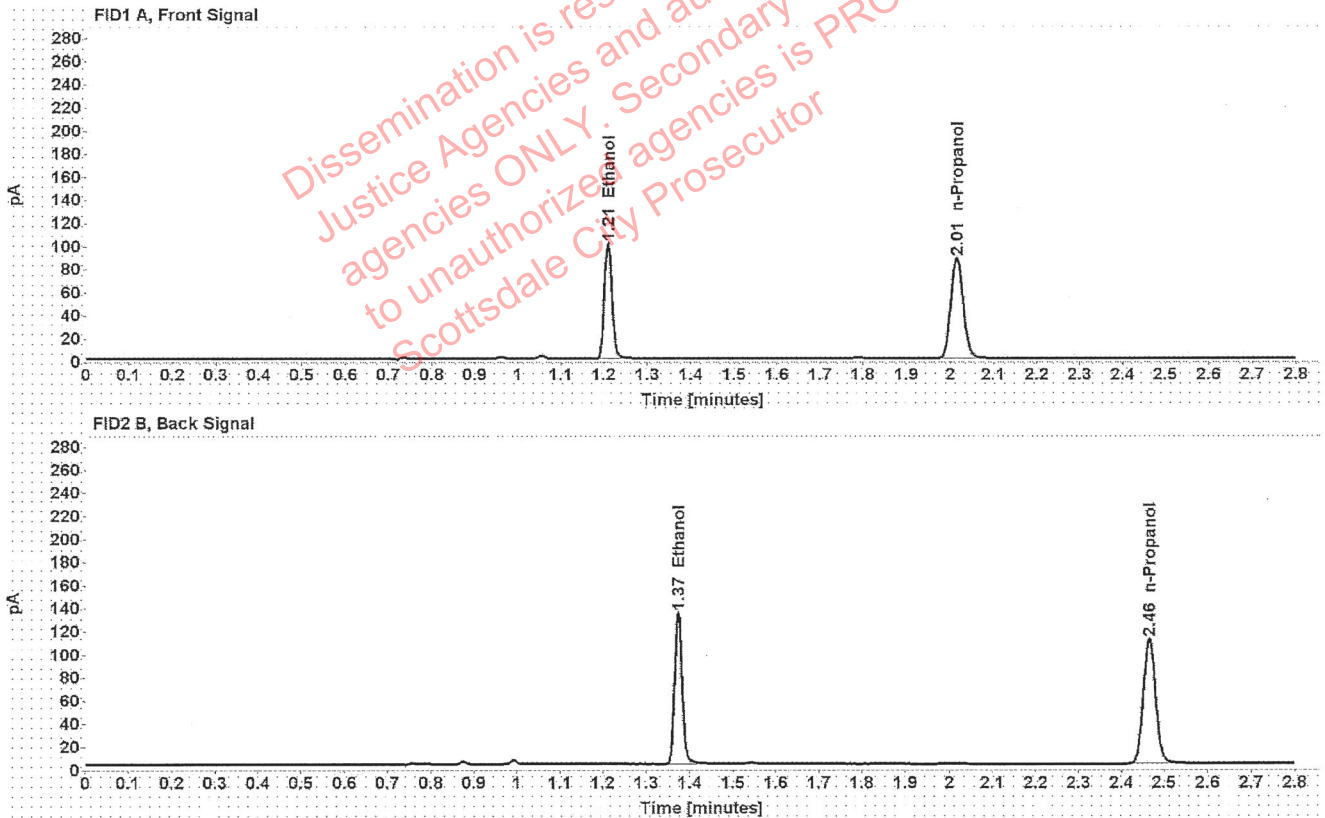


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2051	1.209	127.780
n-Propanol	-----	2.015	173.683

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

Compound	Time (min)	Peak Area
Ethanol	1.373	162.208
n-Propanol	2.465	217.736

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384608	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:27:54 PM
Data file:	C:\Chem32\1\Data\17Aug21\23.D	Analyst:	Brooke

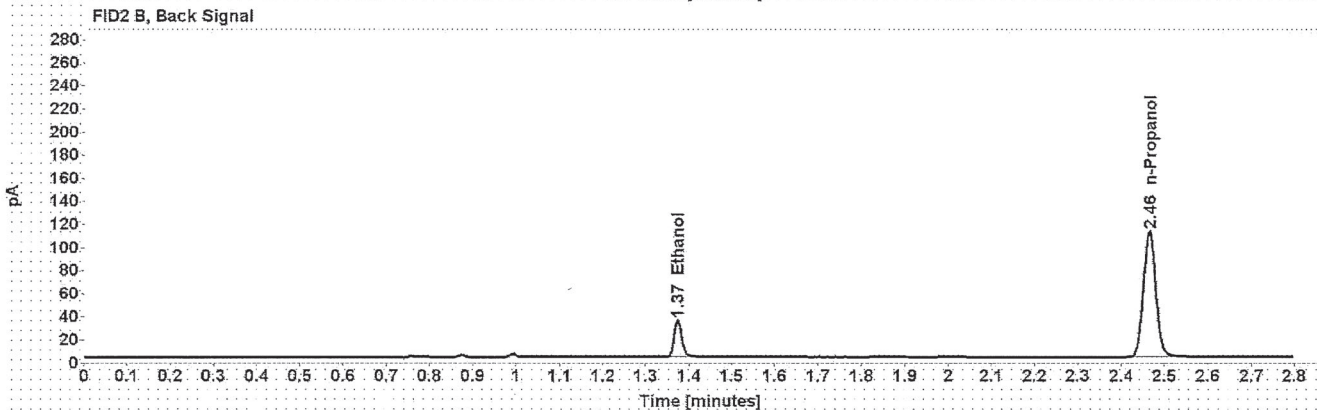
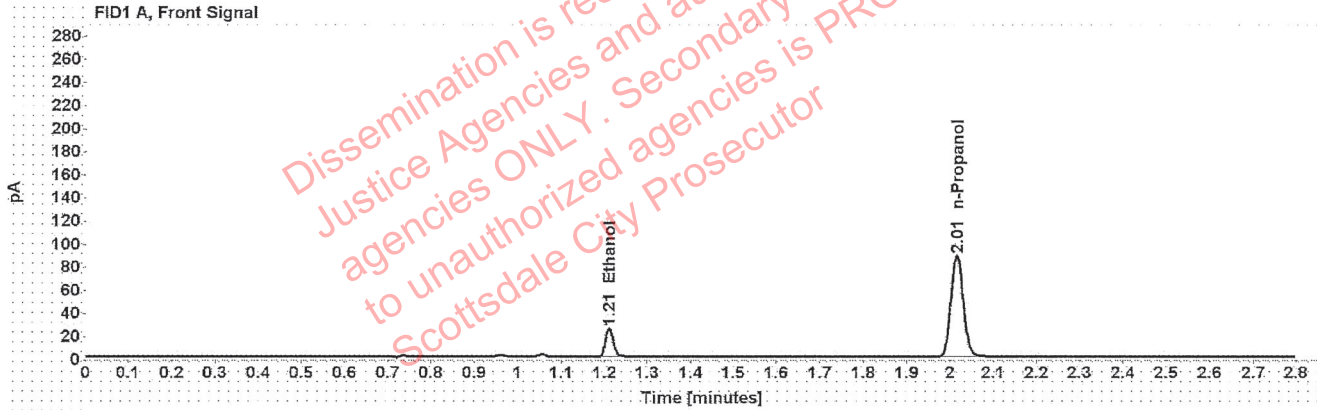


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0515	1.211	31.653
n-Propanol	-----	2.015	174.896

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

Compound	Time (min)	Peak Area
Ethanol	1.374	39.522
n-Propanol	2.465	219.743

[REDACTED] : Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384608	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:31:54 PM
Data file:	C:\Chem32\1\Data\17Aug21\24.D	Analyst:	Brooke

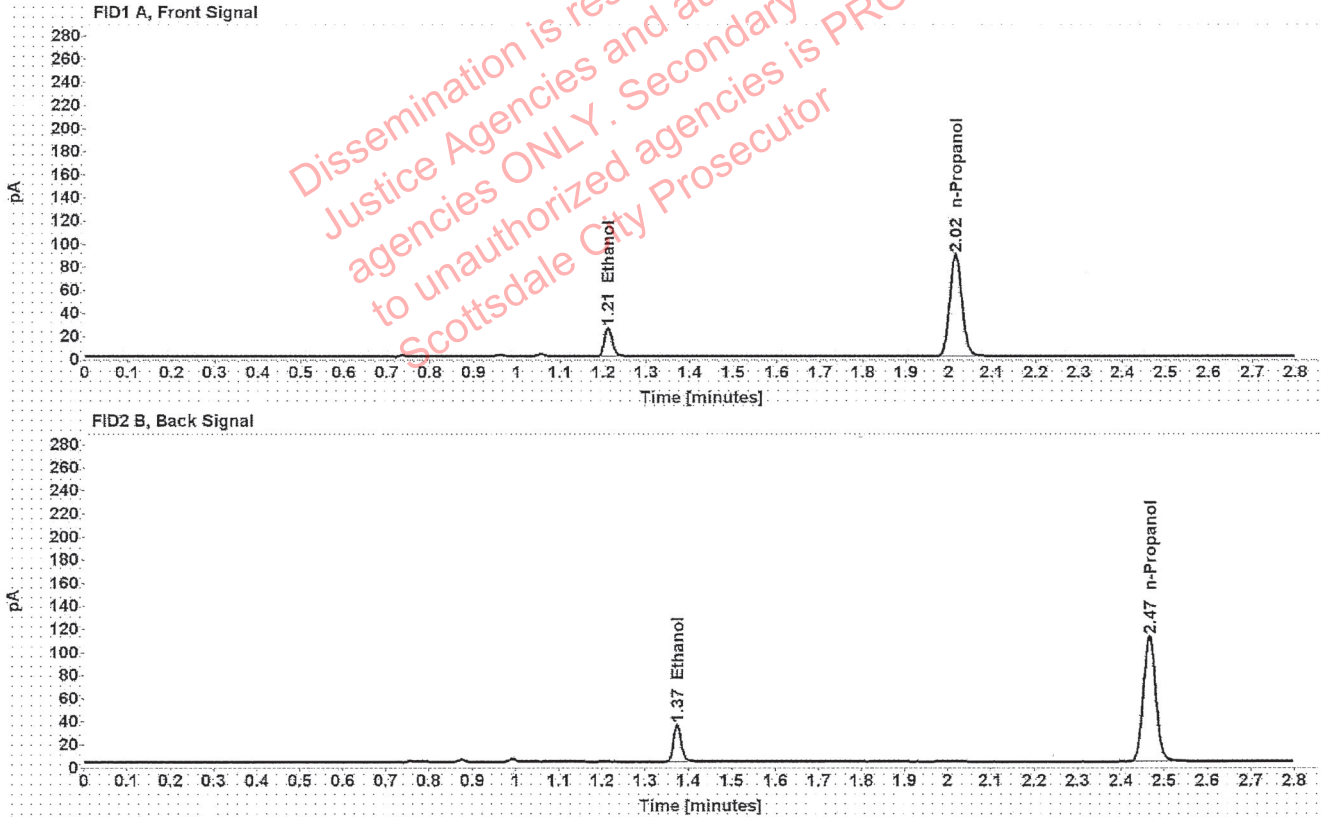


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0517	1.211	31.758
n-Propanol	-----	2.015	175.088

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

Compound	Time (min)	Peak Area
Ethanol	1.374	40.265
n-Propanol	2.465	219.800

Case: [REDACTED]: Brooke, Phillip - (18-Aug-2021)

User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384319	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:36:09 PM
Data file:	C:\Chem32\1\Data\17Aug21\25.D	Analyst:	Brooke

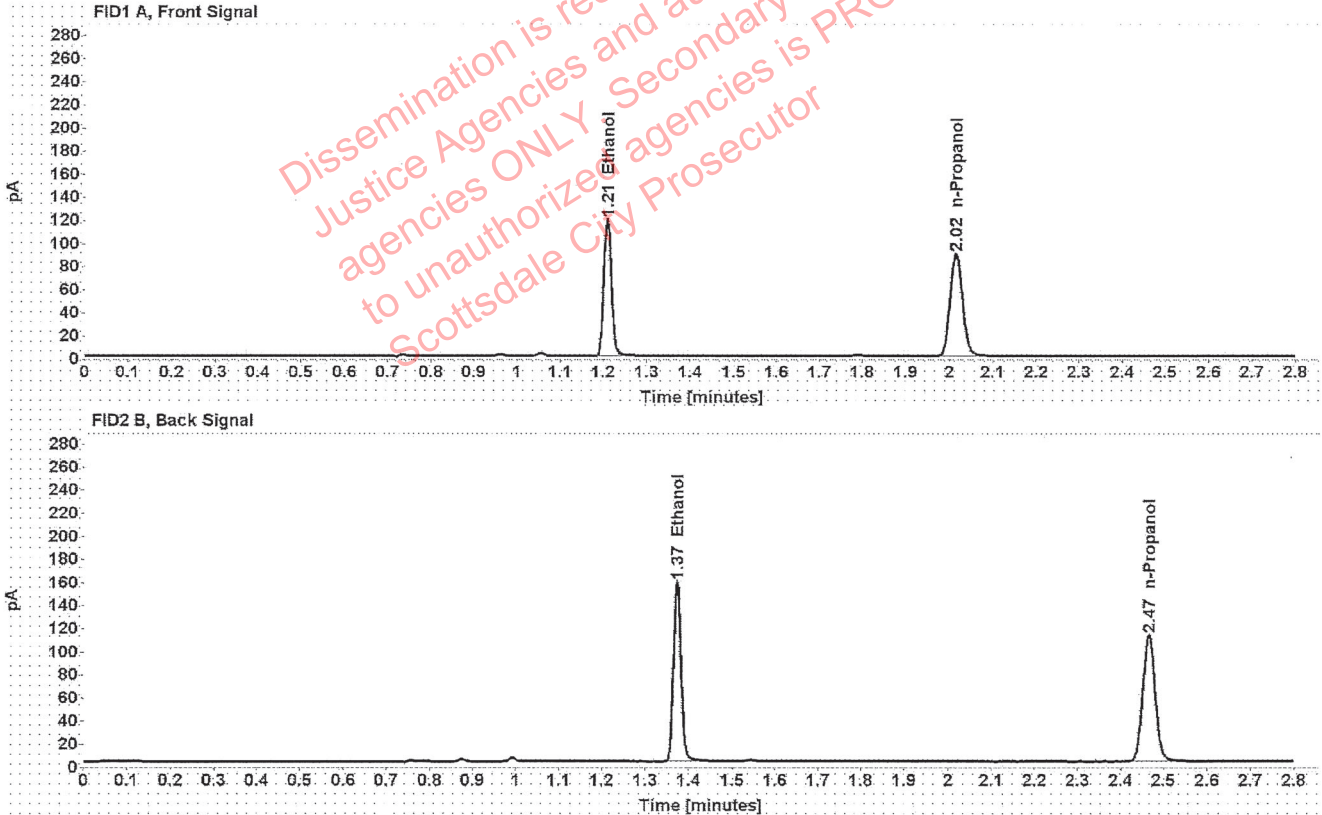


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2388	1.209	151.311
n-Propanol	-----	2.015	176.438

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

Compound	Time (min)	Peak Area
Ethanol	1.373	190.520
n-Propanol	2.465	220.896

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384319	Vial:	26
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:40:08 PM
Data file:	C:\Chem32\1\Data\17Aug21\26.D	Analyst:	Brooke

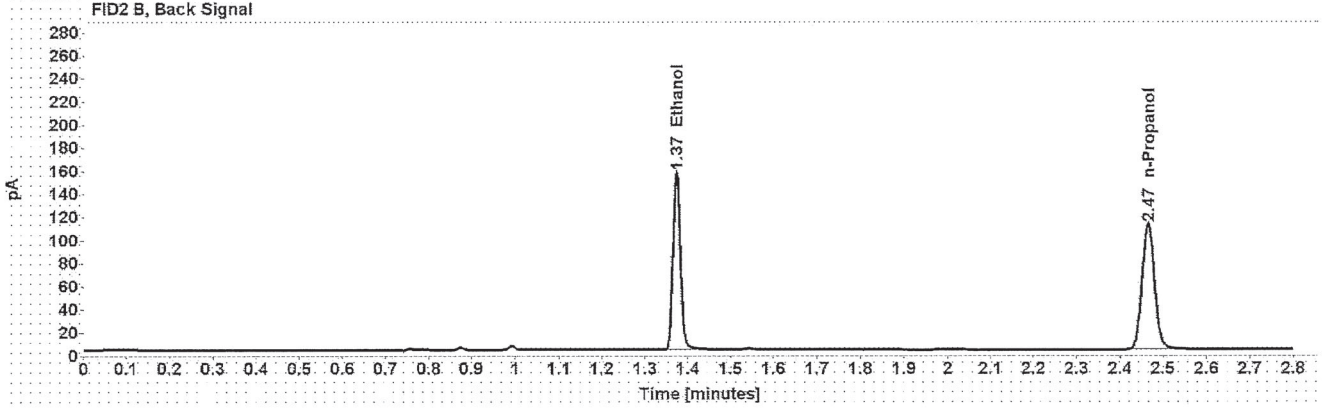
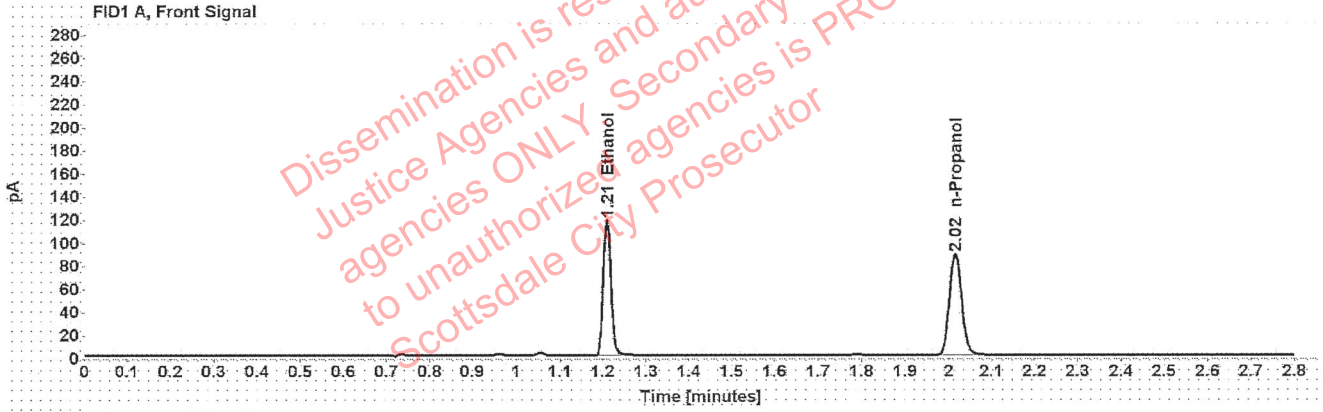


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2383	1.209	149.587
n-Propanol	-----	2.015	174.744

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

Compound	Time (min)	Peak Area
Ethanol	1.373	189.908
n-Propanol	2.465	218.928

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384617	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:44:08 PM
Data file:	C:\Chem32\1\Data\17Aug21\27.D	Analyst:	Brooke

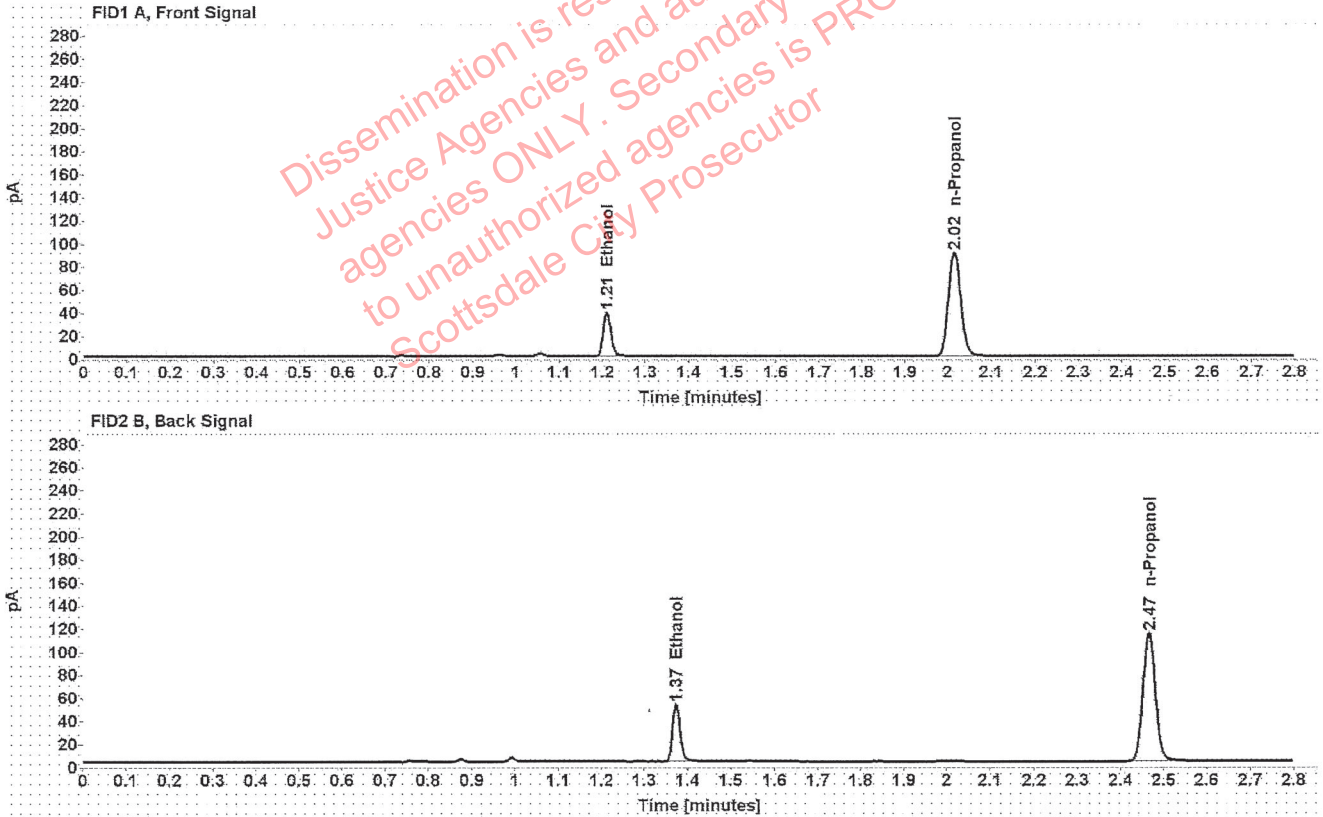


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0775	1.210	49.137
n-Propanol	-----	2.015	178.777

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

Compound	Time (min)	Peak Area
Ethanol	1.374	61.259
n-Propanol	2.465	224.702

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384617	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:48:08 PM
Data file:	C:\Chem32\1\Data\17Aug21\28.D	Analyst:	Brooke

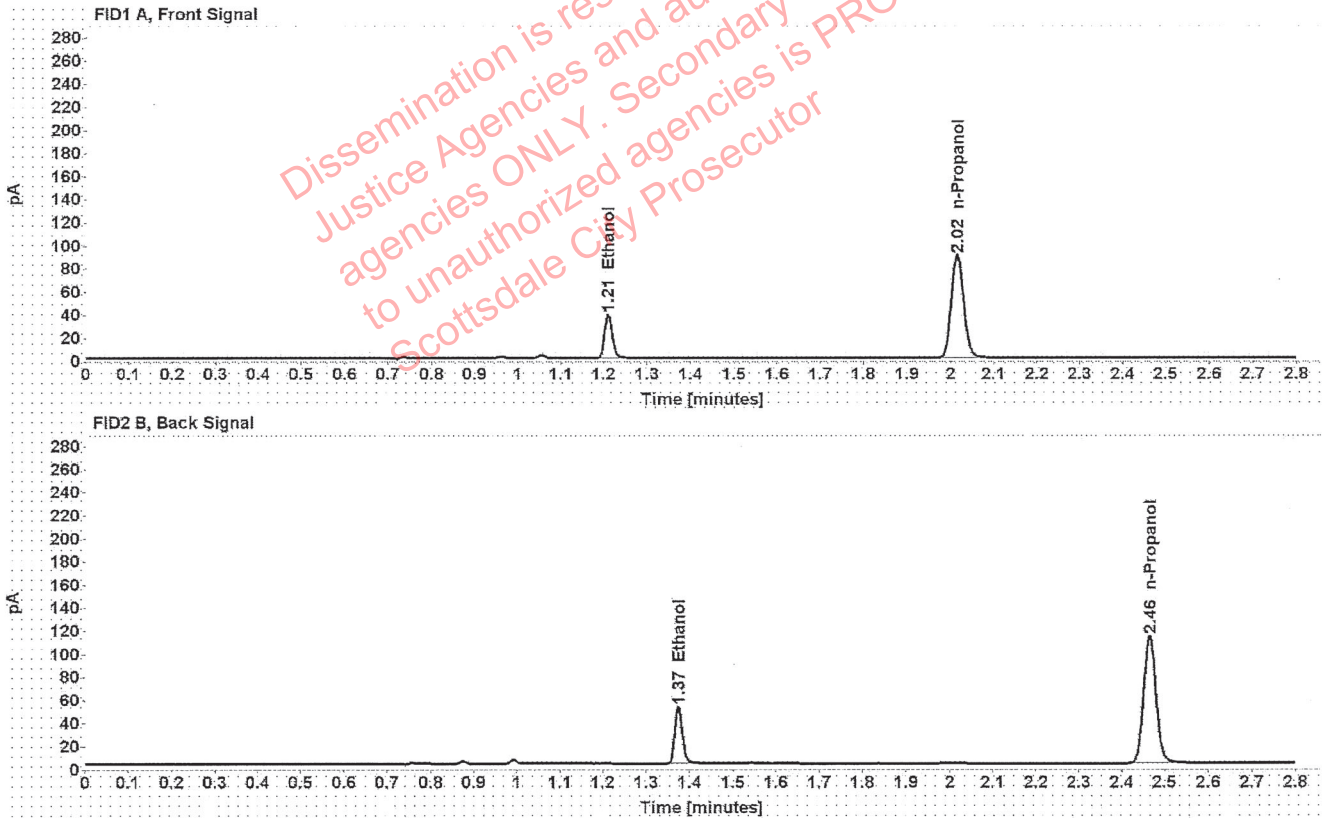


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0770	1.210	48.422
n-Propanol	-----	2.015	177.397

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

Compound	Time (min)	Peak Area
Ethanol	1.374	60.407
n-Propanol	2.465	222.850



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384581	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:52:09 PM
Data file:	C:\Chem32\1\Data\17Aug21\29.D	Analyst:	Brooke

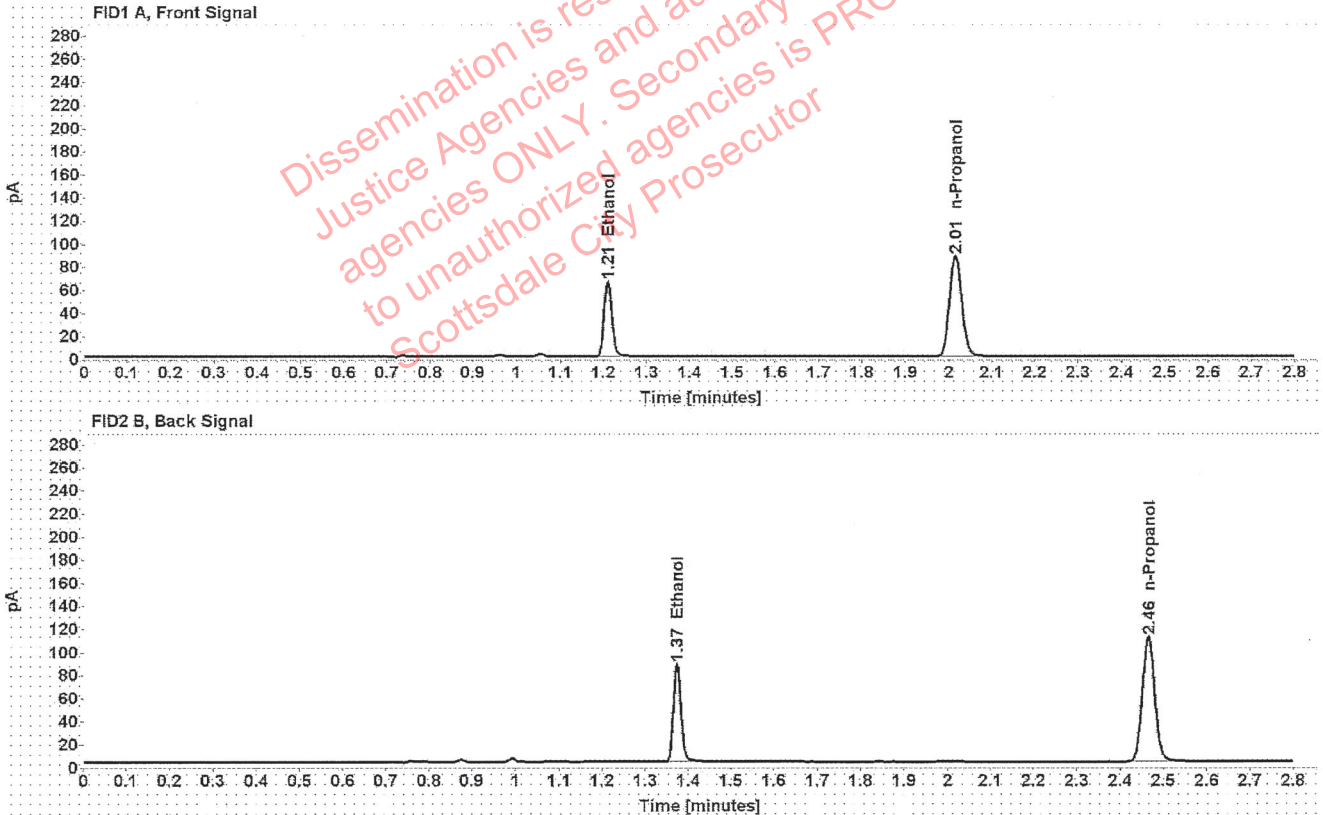


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1337	1.210	83.093
n-Propanol	-----	2.015	173.833

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

Compound	Time (min)	Peak Area
Ethanol	1.373	104.088
n-Propanol	2.465	217.927

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384581	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 12:56:09 PM
Data file:	C:\Chem32\1\Data\17Aug21\30.D	Analyst:	Brooke

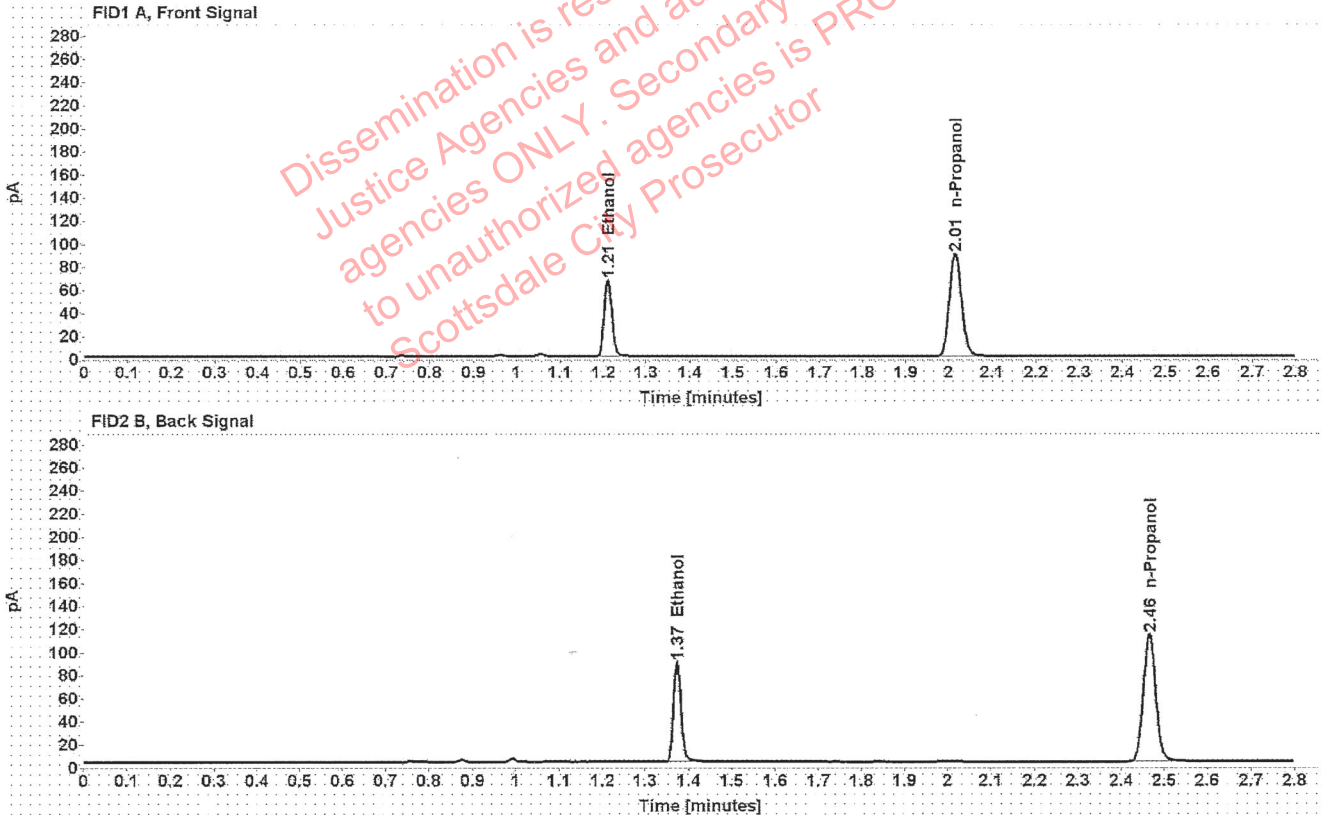


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1334	1.210	84.410
n-Propanol	-----	2.015	177.007

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

Compound	Time (min)	Peak Area
Ethanol	1.373	105.938
n-Propanol	2.465	222.083

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1351601	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:04:23 PM
Data file:	C:\Chem32\1\Data\17Aug21\32.D	Analyst:	Brooke

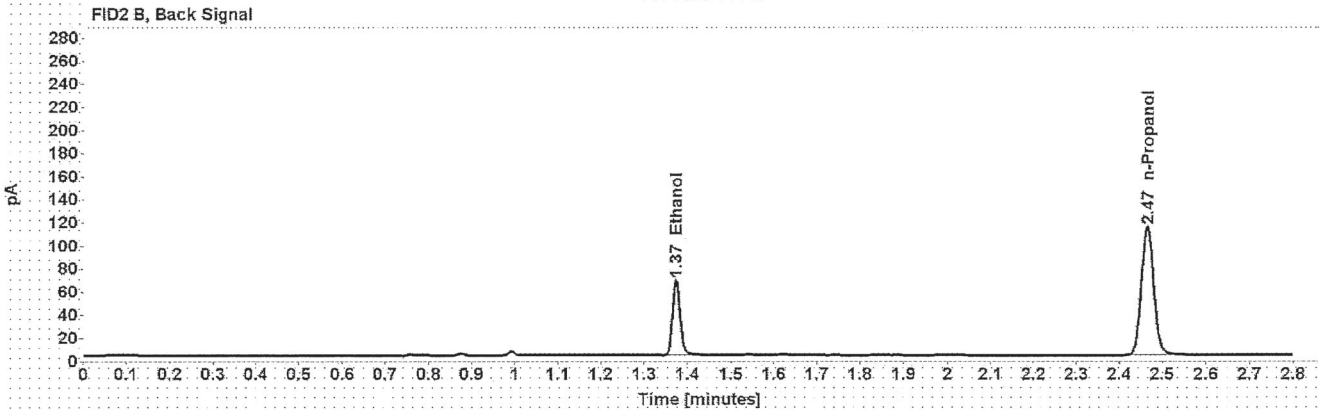
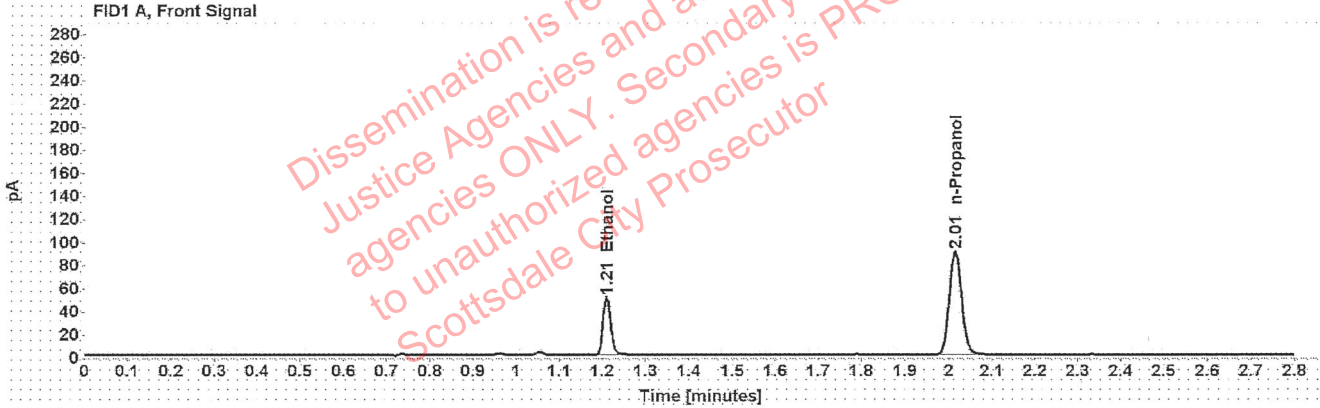


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1006	1.210	63.990
n-Propanol	-----	2.015	178.585

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

Compound	Time (min)	Peak Area
Ethanol	1.373	80.137
n-Propanol	2.465	224.225

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1351601	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:08:24 PM
Data file:	C:\Chem32\1\Data\17Aug21\33.D	Analyst:	Brooke

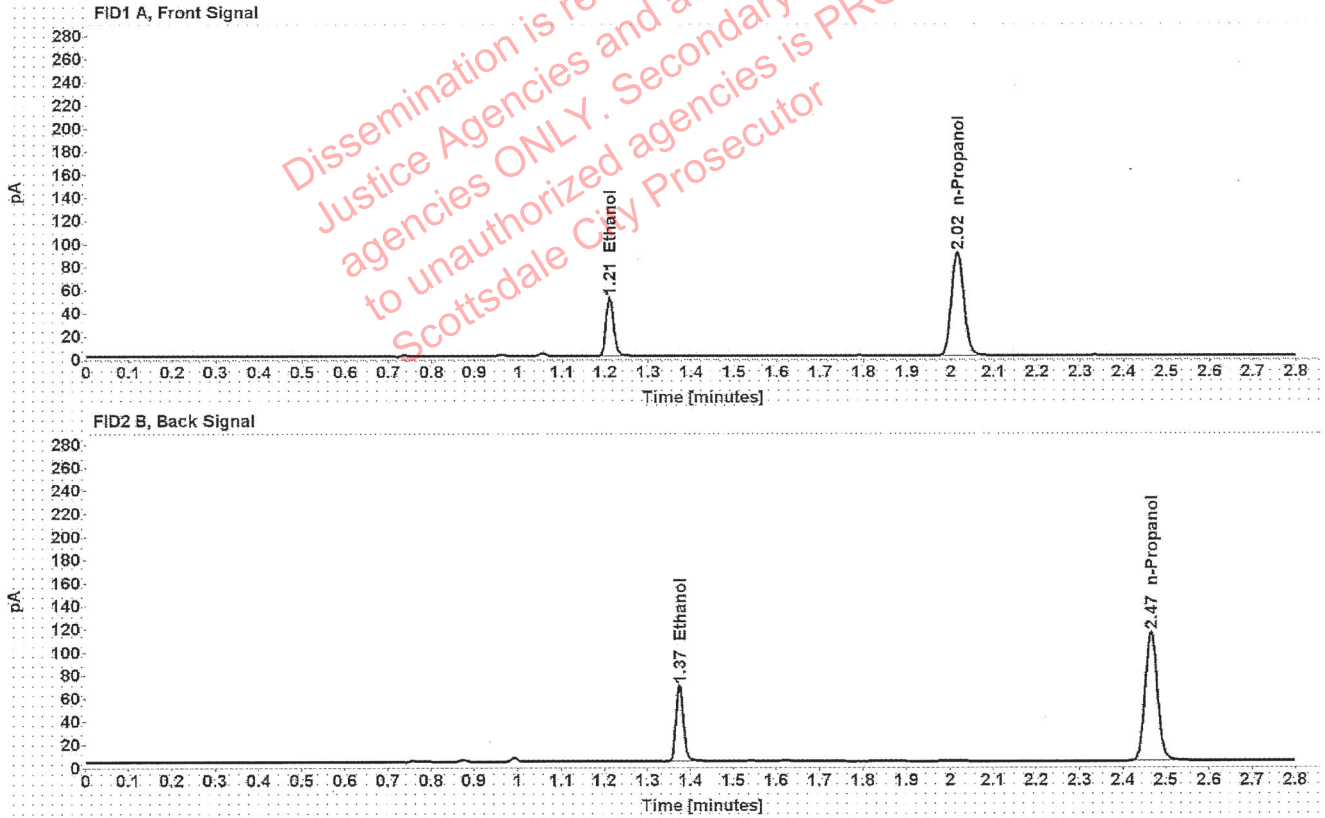


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1013	1.210	64.662
n-Propanol	-----	2.015	179.246

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

Compound	Time (min)	Peak Area
Ethanol	1.374	81.088
n-Propanol	2.465	225.083

[REDACTED]: Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1353964	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:12:24 PM
Data file:	C:\Chem32\1\Data\17Aug21\34.D	Analyst:	Brooke

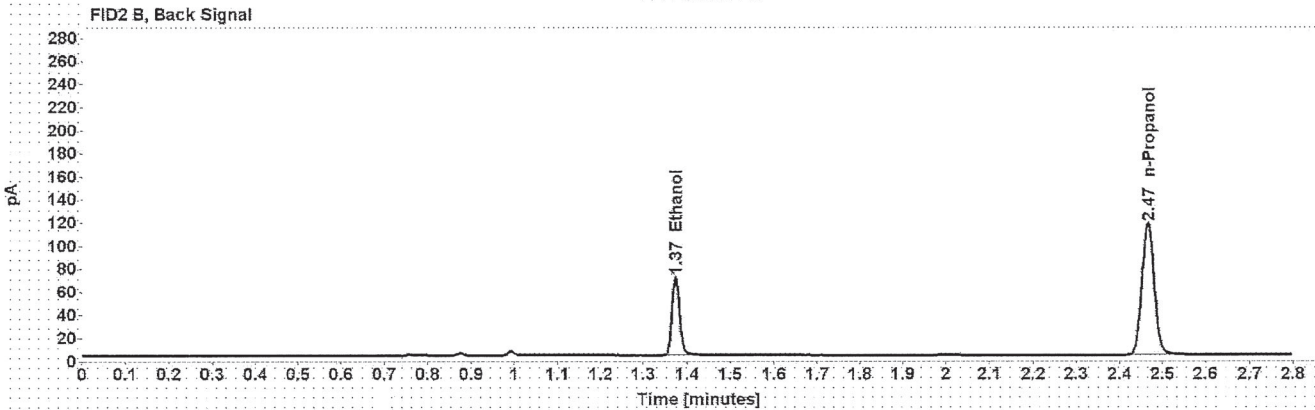
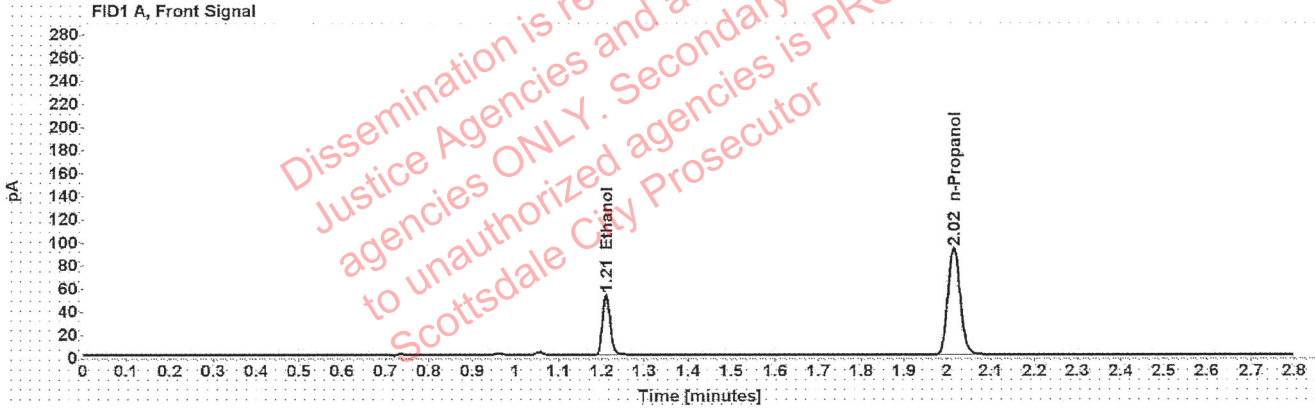


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1017	1.210	66.678
n-Propanol	-----	2.015	184.144

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

Compound	Time (min)	Peak Area
Ethanol	1.373	83.402
n-Propanol	2.465	230.995

Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1353964	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:16:24 PM
Data file:	C:\Chem32\1\Data\17Aug21\35.D	Analyst:	Brooke

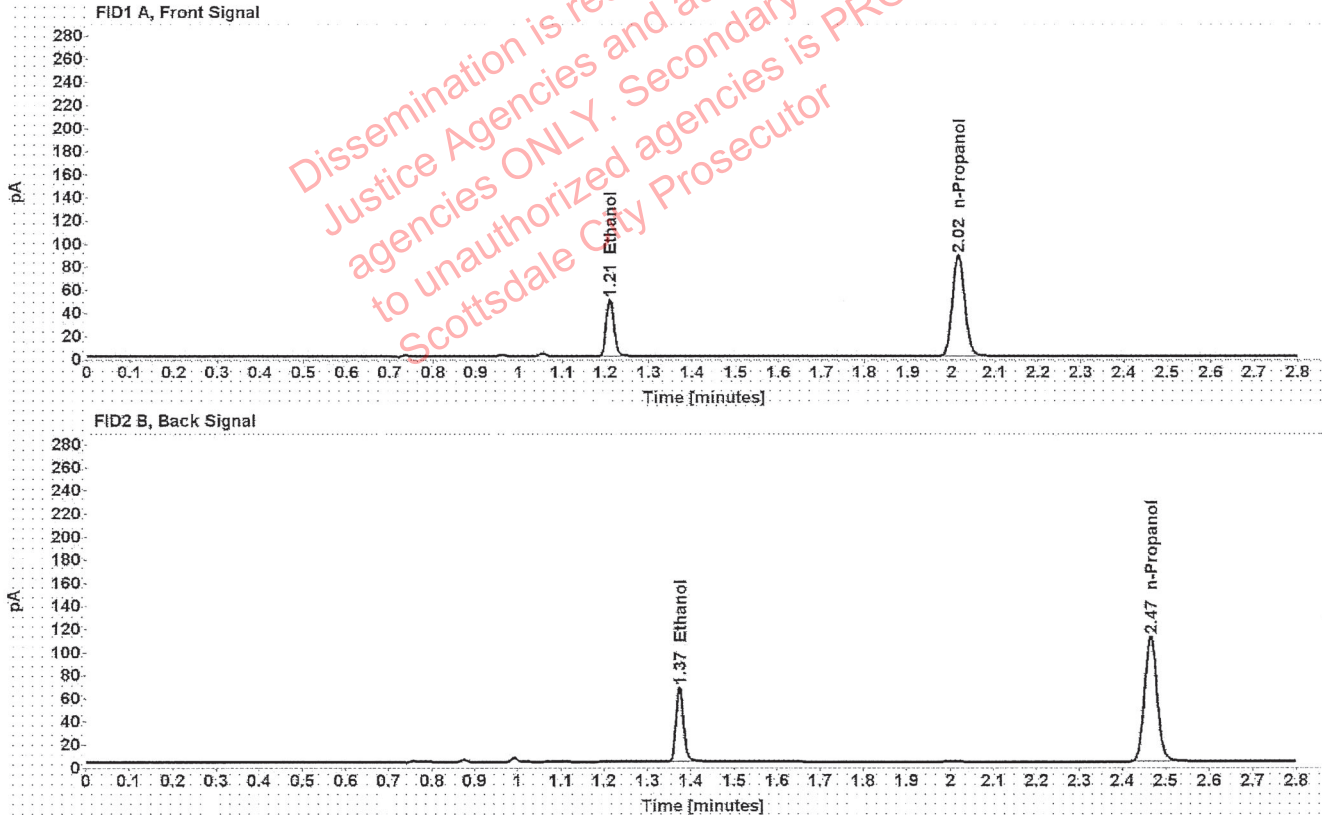


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1018	1.210	63.443
n-Propanol	-----	2.015	174.946

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

Compound	Time (min)	Peak Area
Ethanol	1.373	79.482
n-Propanol	2.465	219.225

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384745	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:20:23 PM
Data file:	C:\Chem32\1\Data\17Aug21\36.D	Analyst:	Brooke

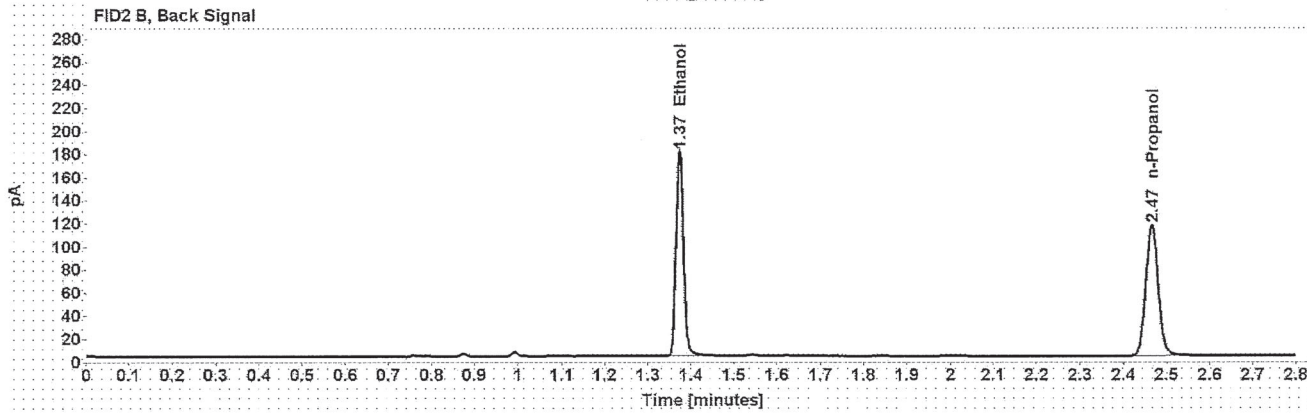
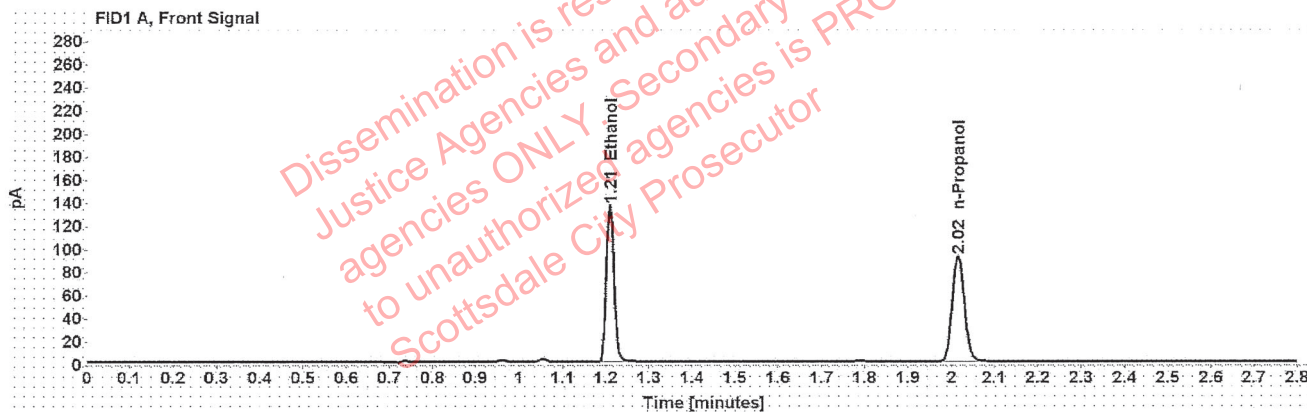


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2634	1.209	172.537
n-Propanol	-----	2.015	182.244

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

Compound	Time (min)	Peak Area
Ethanol	1.373	218.717
n-Propanol	2.465	228.813

[REDACTED]: Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384745	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:24:39 PM
Data file:	C:\Chem321\Data\17Aug21\37.D	Analyst:	Brooke

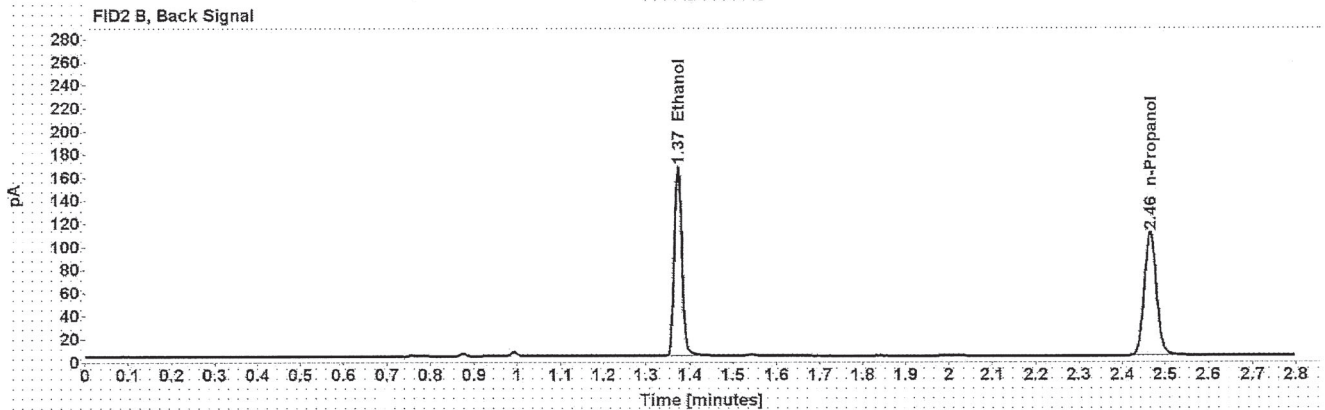
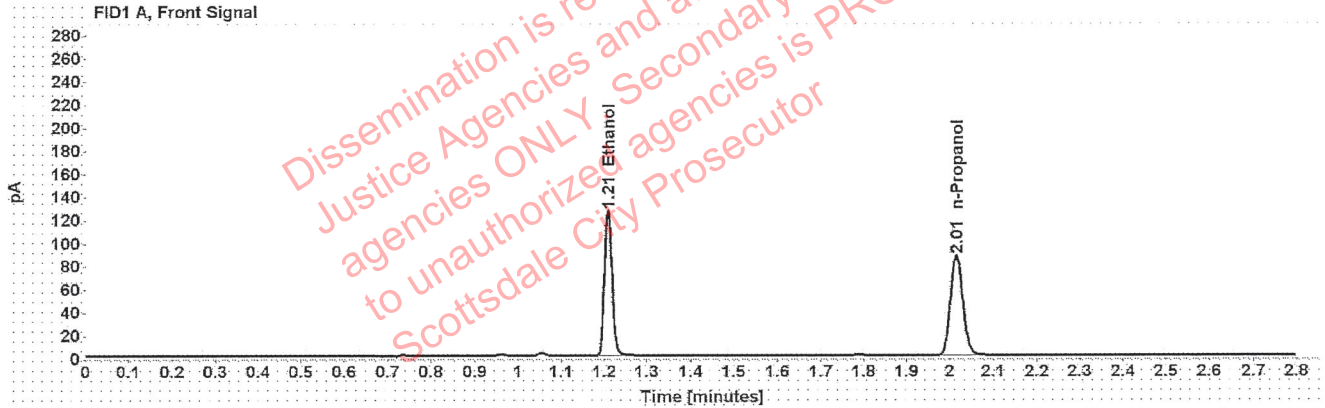


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2589	1.209	159.943
n-Propanol	-----	2.015	171.932

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

Compound	Time (min)	Peak Area
Ethanol	1.372	202.914
n-Propanol	2.464	215.494



[REDACTED] : Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1385025	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:28:38 PM
Data file:	C:\Chem32\1\Data\17Aug21\38.D	Analyst:	Brooke

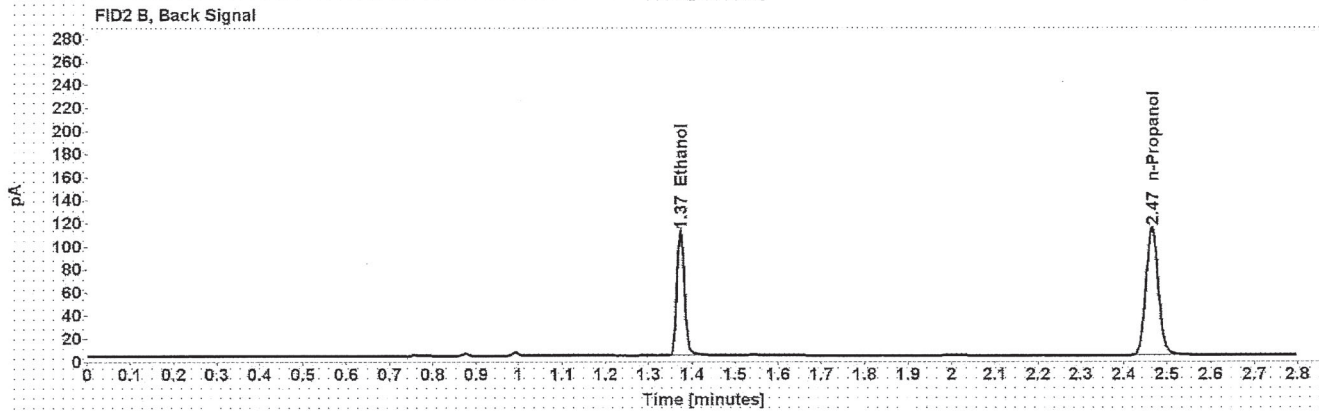
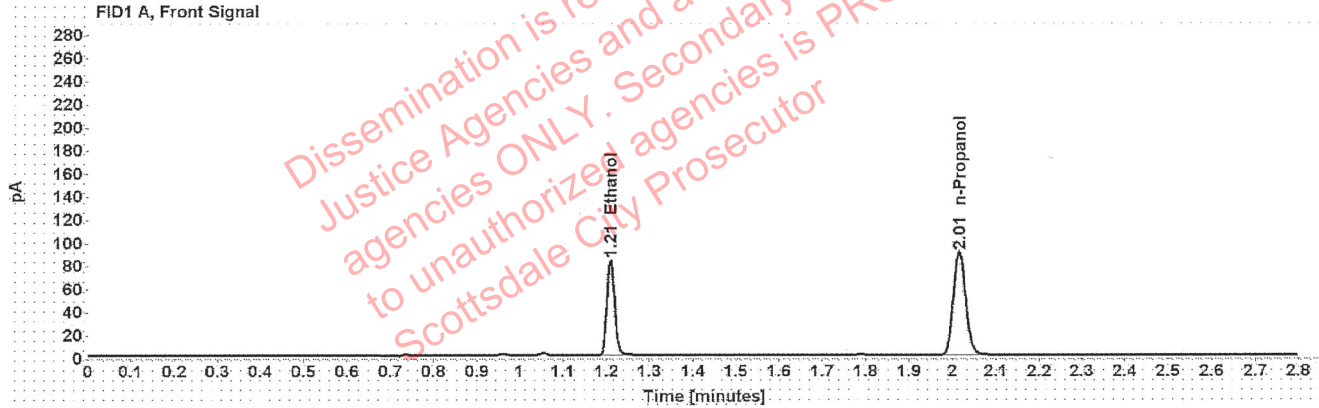


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1658	1.210	105.431
n-Propanol	-----	2.015	177.543

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

Compound	Time (min)	Peak Area
Ethanol	1.373	132.506
n-Propanol	2.465	222.688

[REDACTED] : Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1385025	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:32:39 PM
Data file:	C:\Chem32\1\Data\17Aug21\39.D	Analyst:	Brooke

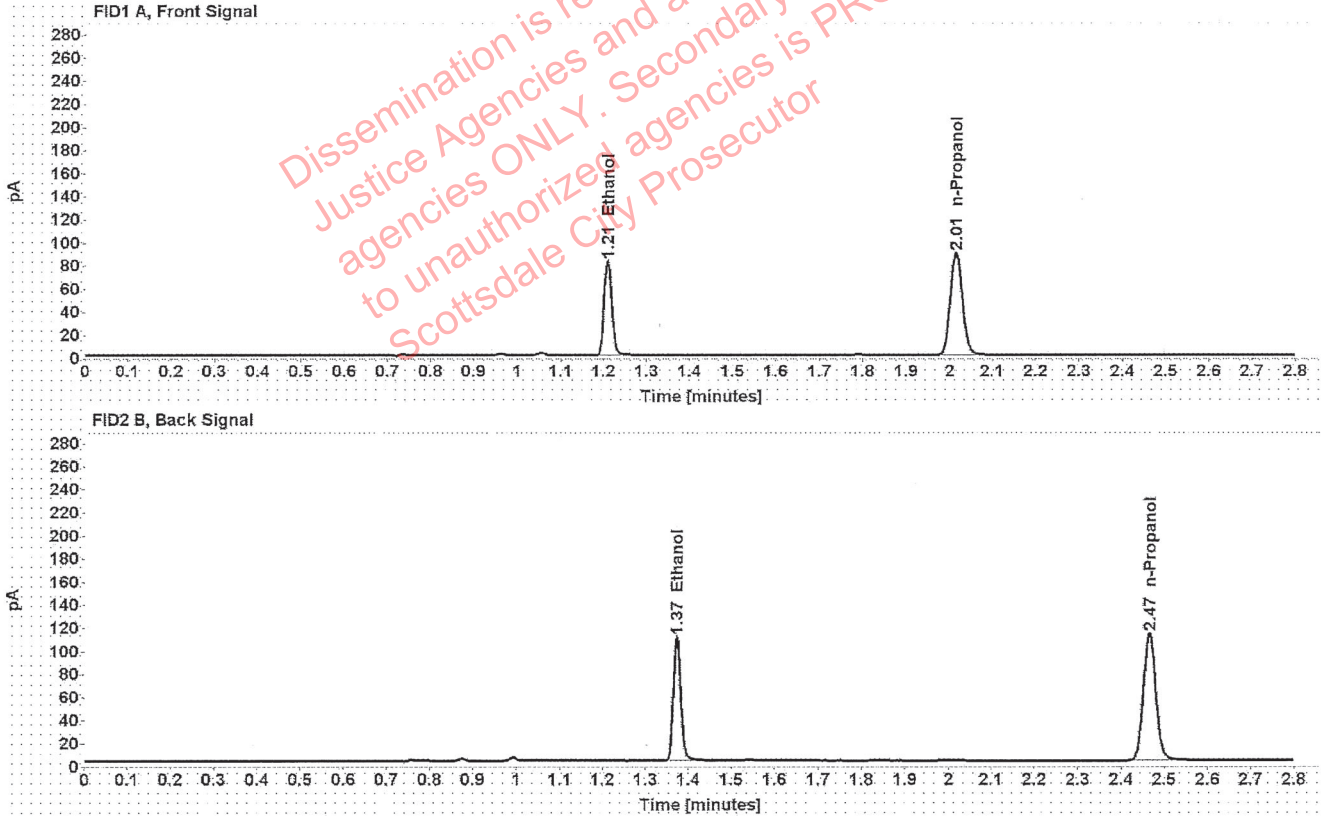


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1649	1.210	104.677
n-Propanol	-----	2.015	177.289

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

Compound	Time (min)	Peak Area
Ethanol	1.373	131.498
n-Propanol	2.465	222.499

Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346657	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:36:38 PM
Data file:	C:\Chem32\1\Data\17Aug21\40.D	Analyst:	Brooke

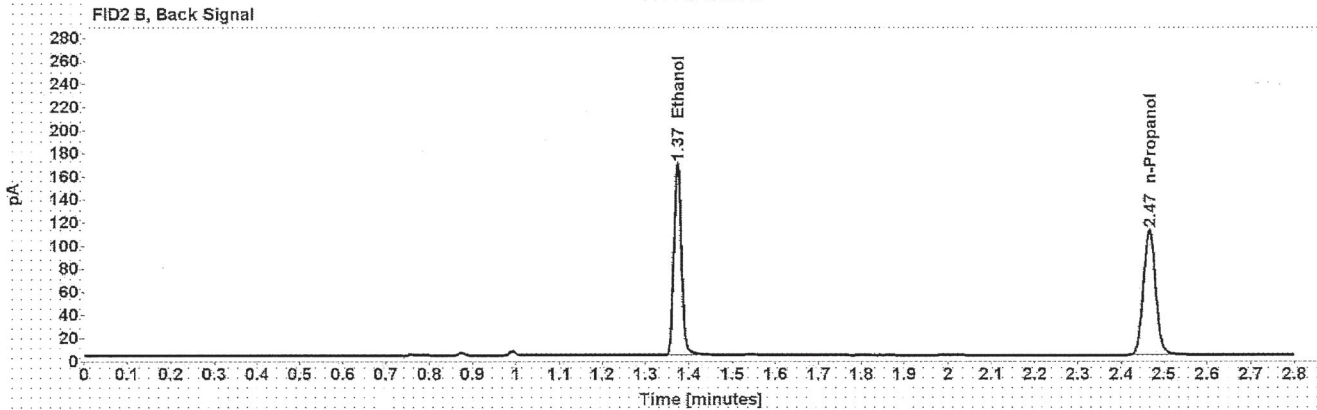
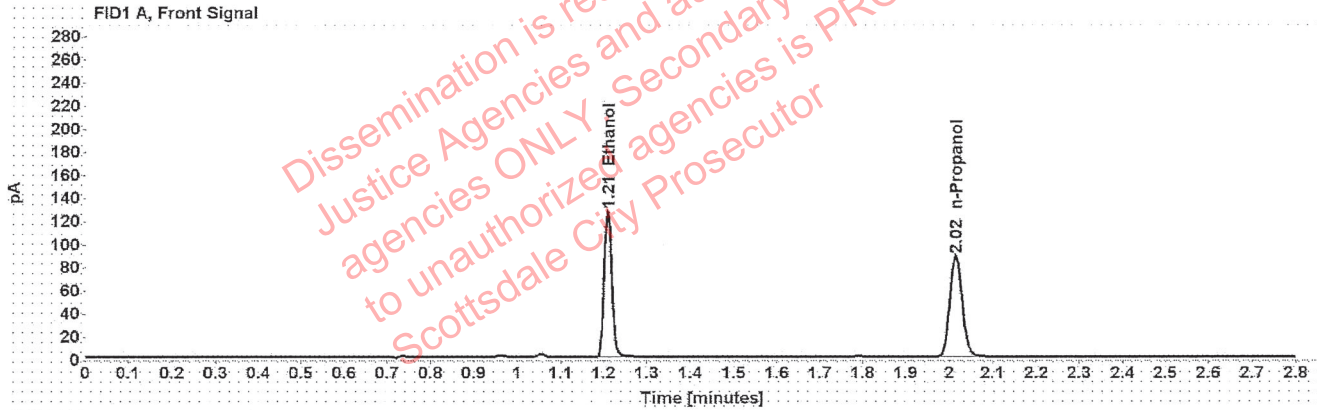


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2581	1.209	161.790
n-Propanol	-----	2.015	174.423

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

Compound	Time (min)	Peak Area
Ethanol	1.373	204.269
n-Propanol	2.465	218.420

[REDACTED]: Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346657	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:40:38 PM
Data file:	C:\Chem32\1\Data\17Aug21\41.D	Analyst:	Brooke

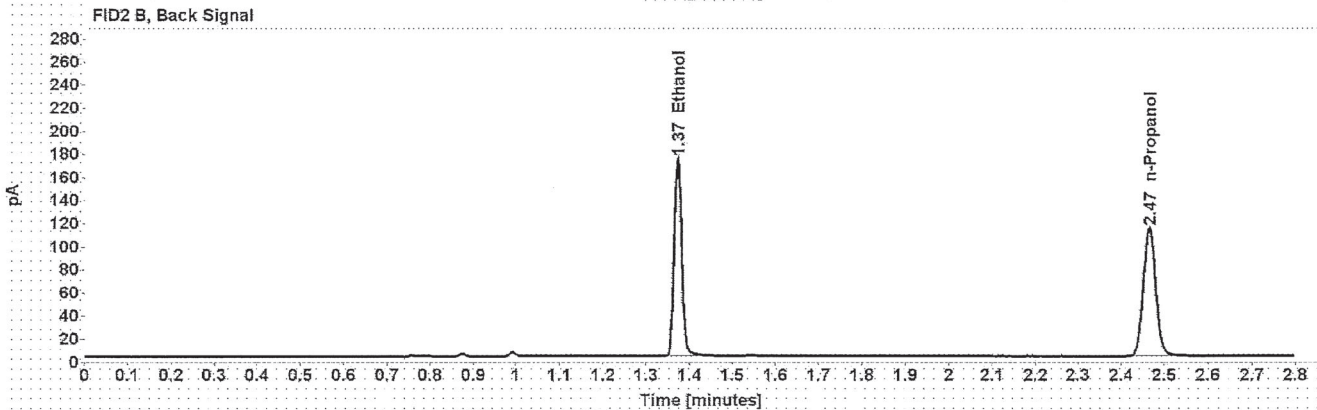
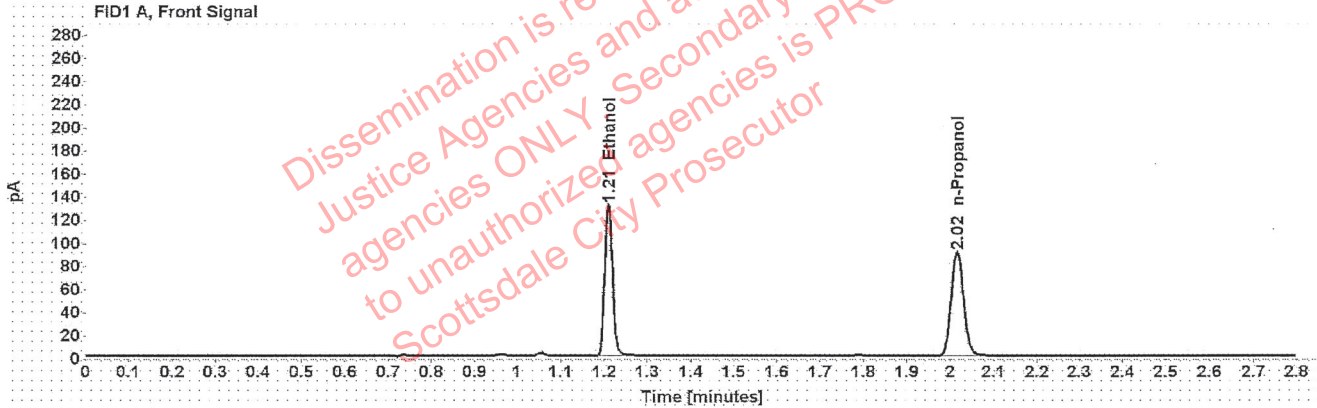


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2602	1.209	166.810
n-Propanol	-----	2.015	178.399

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

Compound	Time (min)	Peak Area
Ethanol	1.373	210.764
n-Propanol	2.465	223.860

[REDACTED] : Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001IP	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:48:53 PM
Data file:	C:\Chem32\1\Data\17Aug21\43.D	Analyst:	Brooke

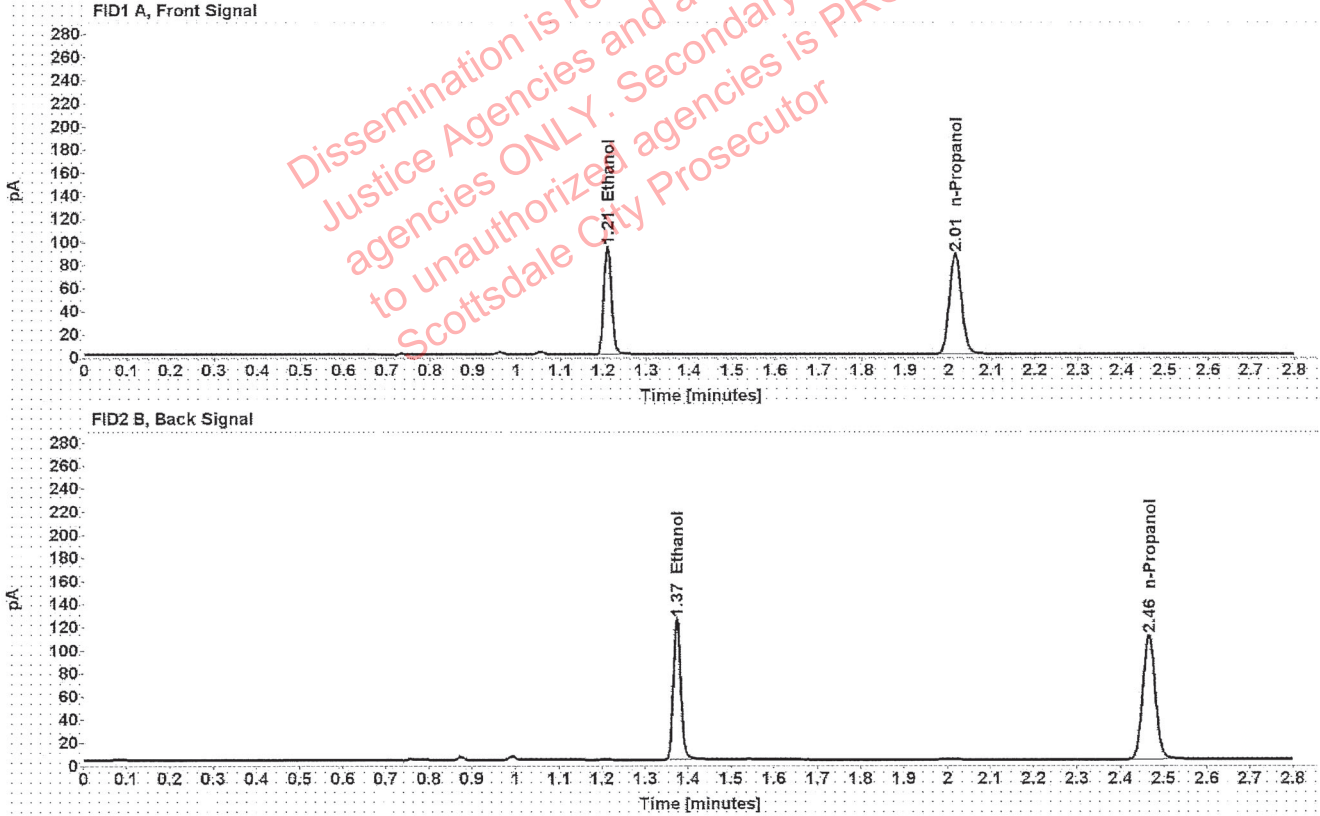


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1919	1.209	119.087
n-Propanol	-----	2.015	173.086

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

Compound	Time (min)	Peak Area
Ethanol	1.373	149.558
n-Propanol	2.465	216.874

[REDACTED] : Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001IP	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:52:53 PM
Data file:	C:\Chem32\1\Data\17Aug21\44.D	Analyst:	Brooke

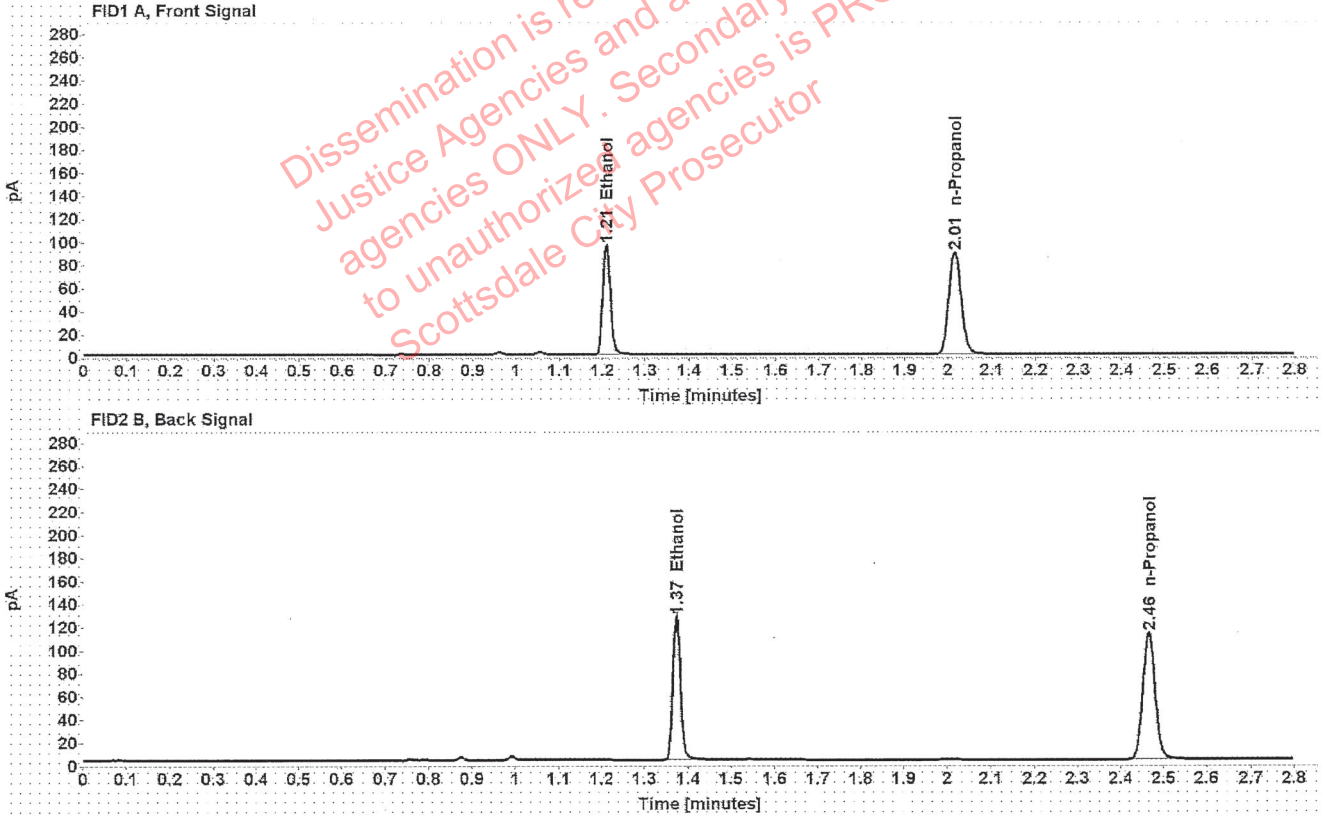


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1917	1.209	121.289
n-Propanol	-----	2.015	176.399

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

Compound	Time (min)	Peak Area
Ethanol	1.373	152.600
n-Propanol	2.465	220.954

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1358571	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 1:56:54 PM
Data file:	C:\Chem32\1\Data\17Aug21\45.D	Analyst:	Brooke

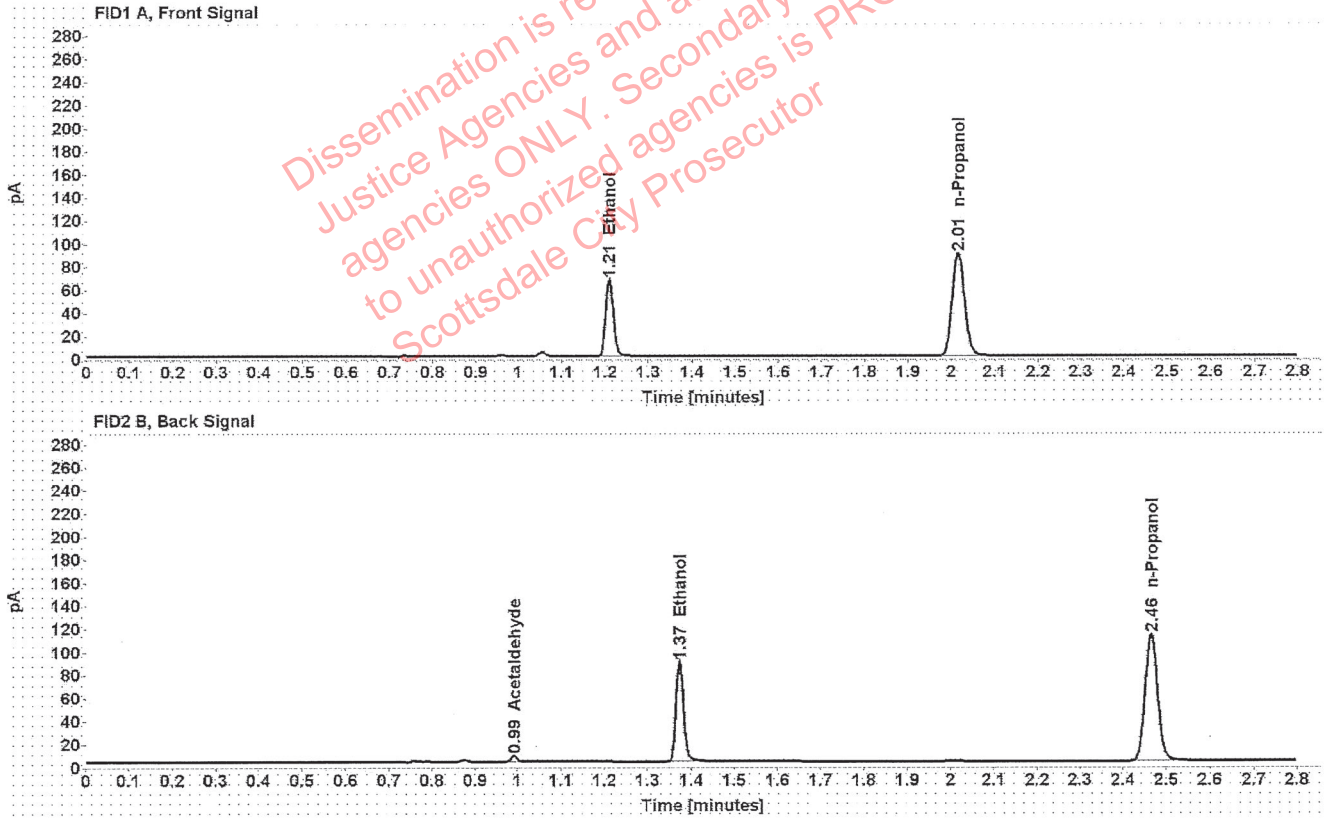


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1343	1.210	84.845
n-Propanol	-----	2.015	176.777

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.875
Ethanol	1.373	106.388
n-Propanol	2.465	221.463

[REDACTED]: Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1358571	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 2:00:54 PM
Data file:	C:\Chem32\1\Data\17Aug21\46.D	Analyst:	Brooke

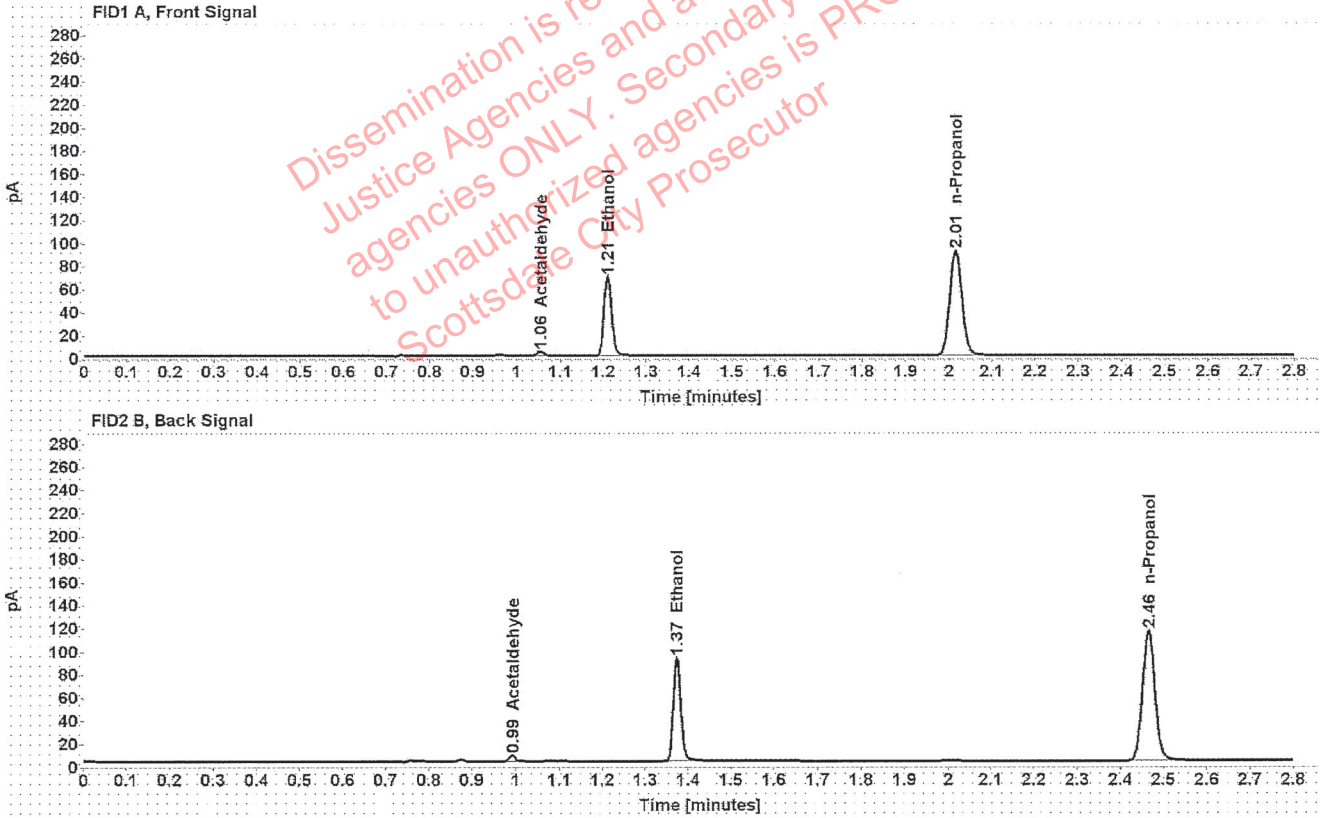


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.806
>Ethanol	0.1352	1.210	87.572
n-Propanol	-----	2.015	181.266

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.958
Ethanol	1.373	109.778
n-Propanol	2.465	227.232



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347462	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 2:04:53 PM
Data file:	C:\Chem32\1\Data\17Aug21\47.D	Analyst:	Brooke

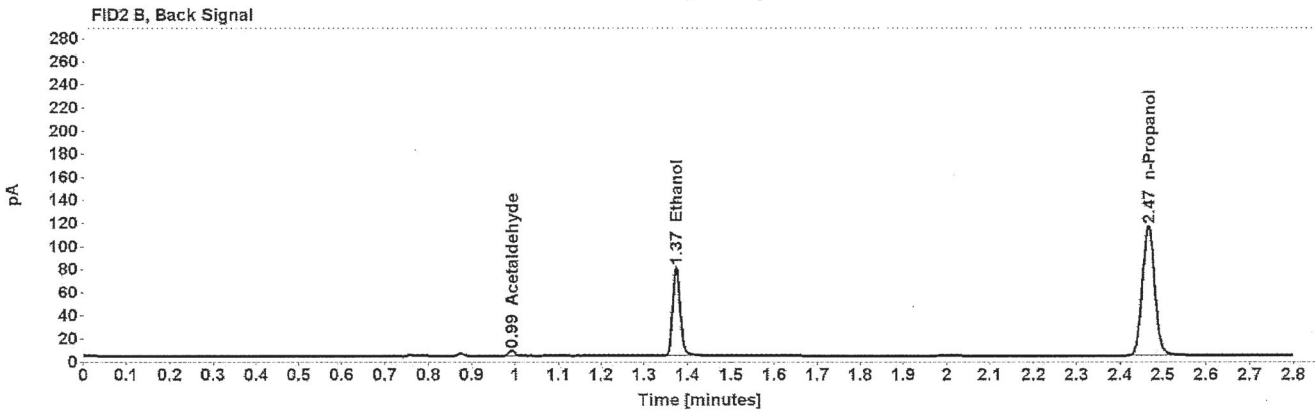
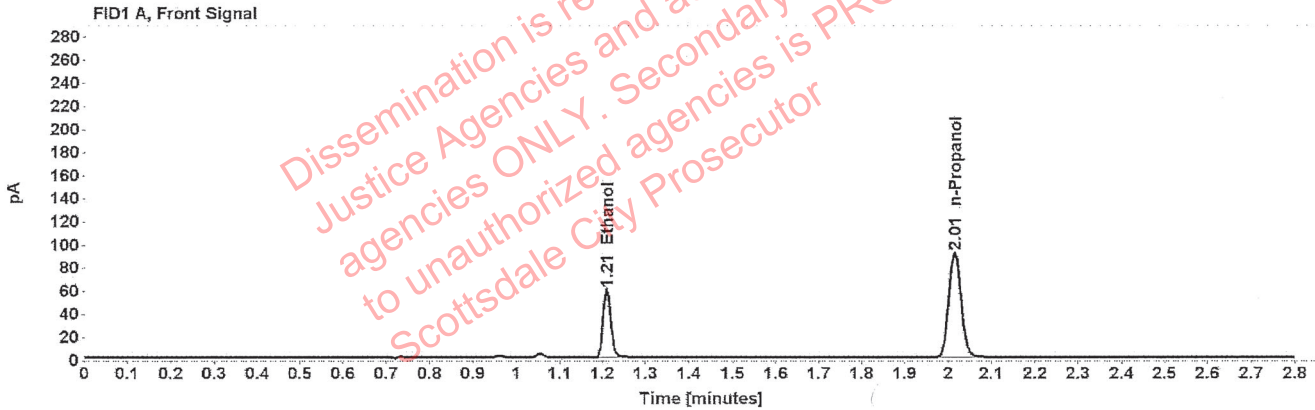


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1165	1.210	75.255
n-Propanol	-----	2.015	181.036

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.422
Ethanol	1.373	94.124
n-Propanol	2.465	227.120

Brooke, Phillip - (18-Aug-2021)

Case: User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347462	Vial:	48
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 2:08:53 PM
Data file:	C:\Chem32\1\Data\17Aug21\48.D	Analyst:	Brooke

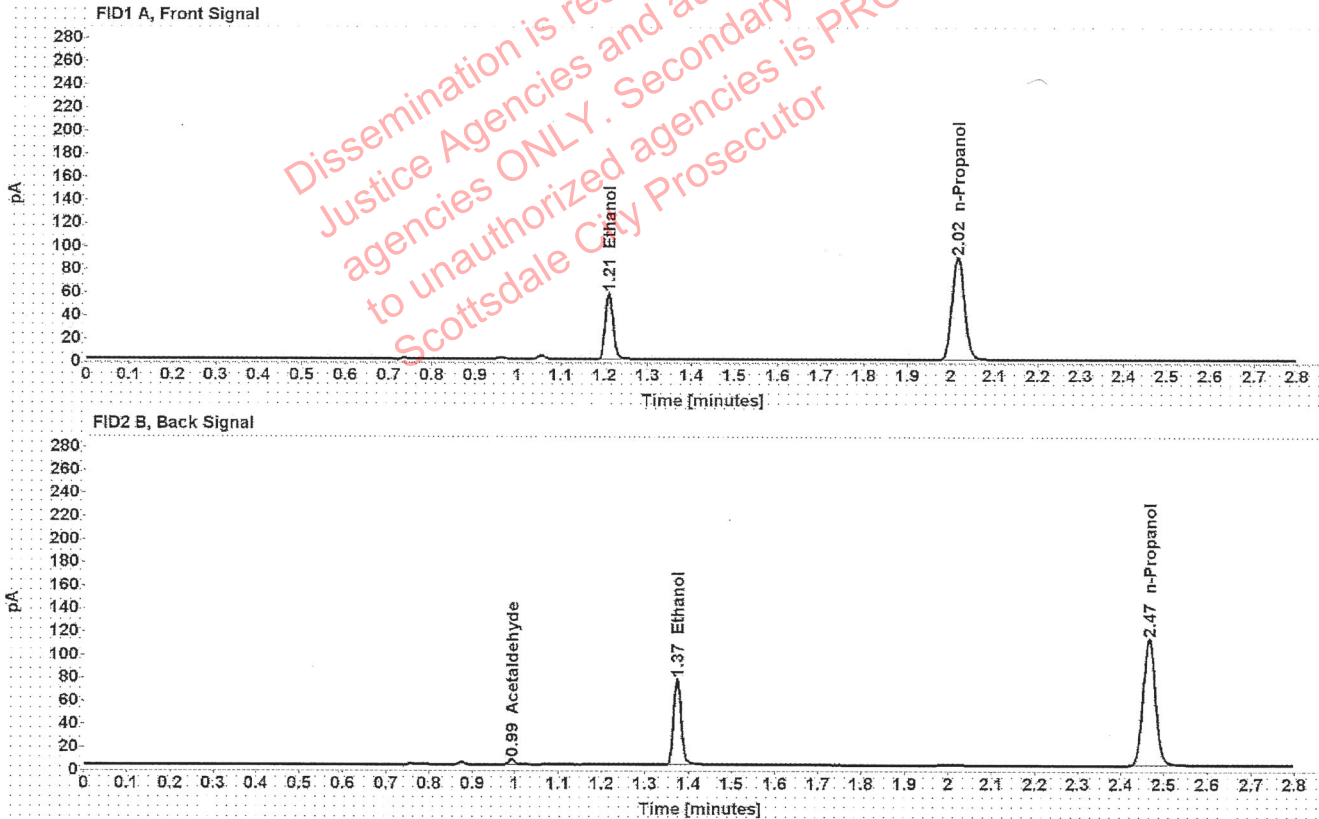


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1155	1.210	72.986
n-Propanol	-----	2.015	177.108

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.430
Ethanol	1.373	91.475
n-Propanol	2.465	222.163

Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1364982	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 2:13:09 PM
Data file:	C:\Chem32\1\Data\17Aug21\49.D	Analyst:	Brooke

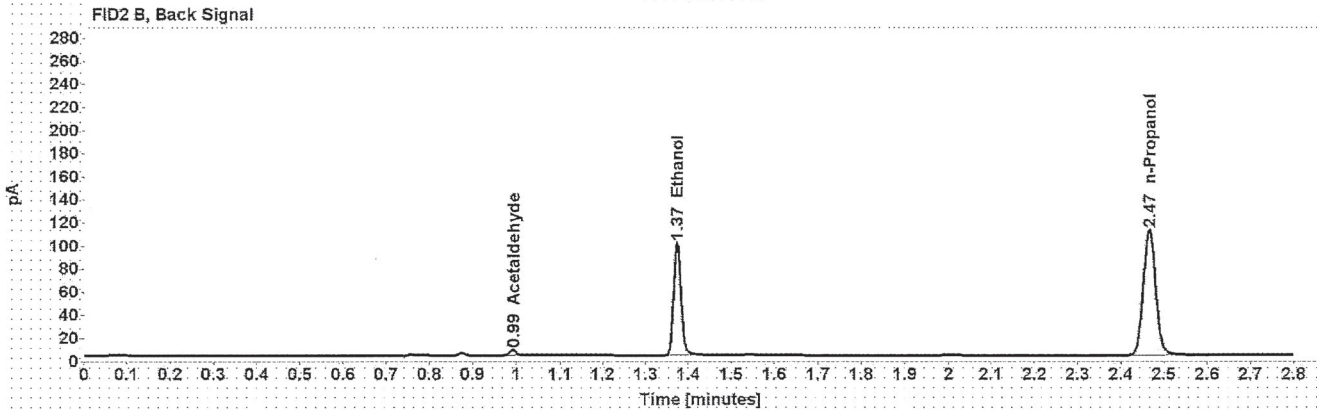
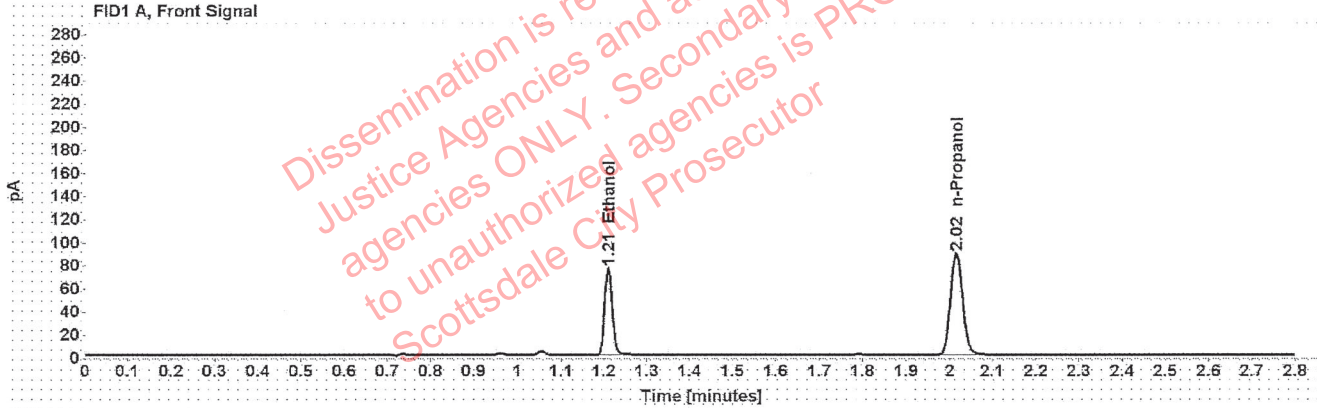


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1526	1.210	95.809
n-Propanol	-----	2.015	175.451

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.489
Ethanol	1.373	119.918
n-Propanol	2.465	219.750

Brooke, Phillip - (18-Aug-2021)

Case: User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1364982	Vial:	50
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 2:17:08 PM
Data file:	C:\Chem32\1\Data\17Aug21\50.D	Analyst:	Brooke

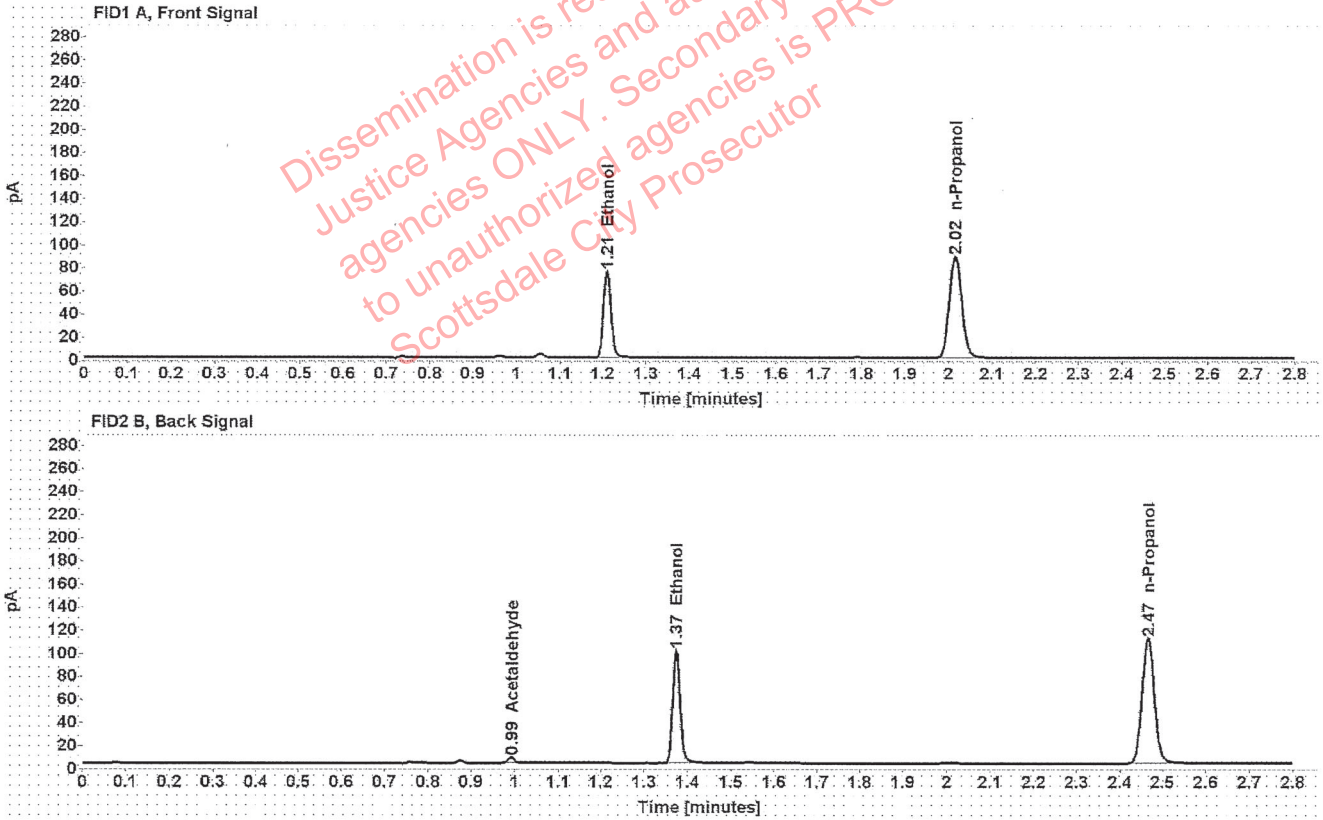


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1525	1.210	95.422
n-Propanol	-----	2.015	174.843

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.530
Ethanol	1.373	119.679
n-Propanol	2.465	218.950

[REDACTED]: Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1363375	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 2:21:08 PM
Data file:	C:\Chem32\1\Data\17Aug21\51.D	Analyst:	Brooke

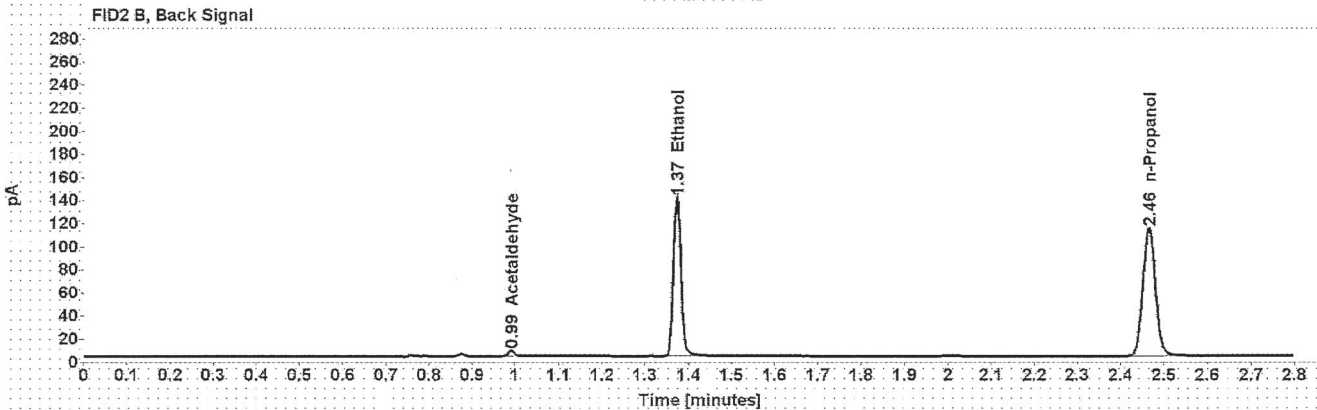
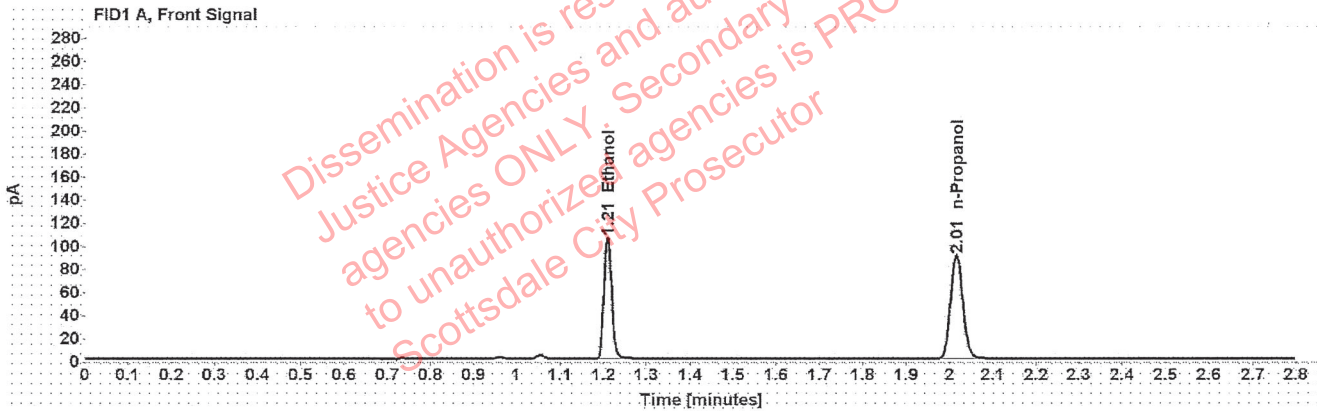


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2099	1.209	134.465
n-Propanol	-----	2.015	178.487

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.581
Ethanol	1.373	169.565
n-Propanol	2.465	223.769

[REDACTED]: Brooke, Phillip - (18-Aug-2021)

Case: [REDACTED] User: pbrooke 8/18/2021

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1363375	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17Aug21
Instrument:	US14173023 CN14160045	Injection date:	8/17/2021 2:25:08 PM
Data file:	C:\Chem32\1\Data\17Aug21\52.D	Analyst:	Brooke

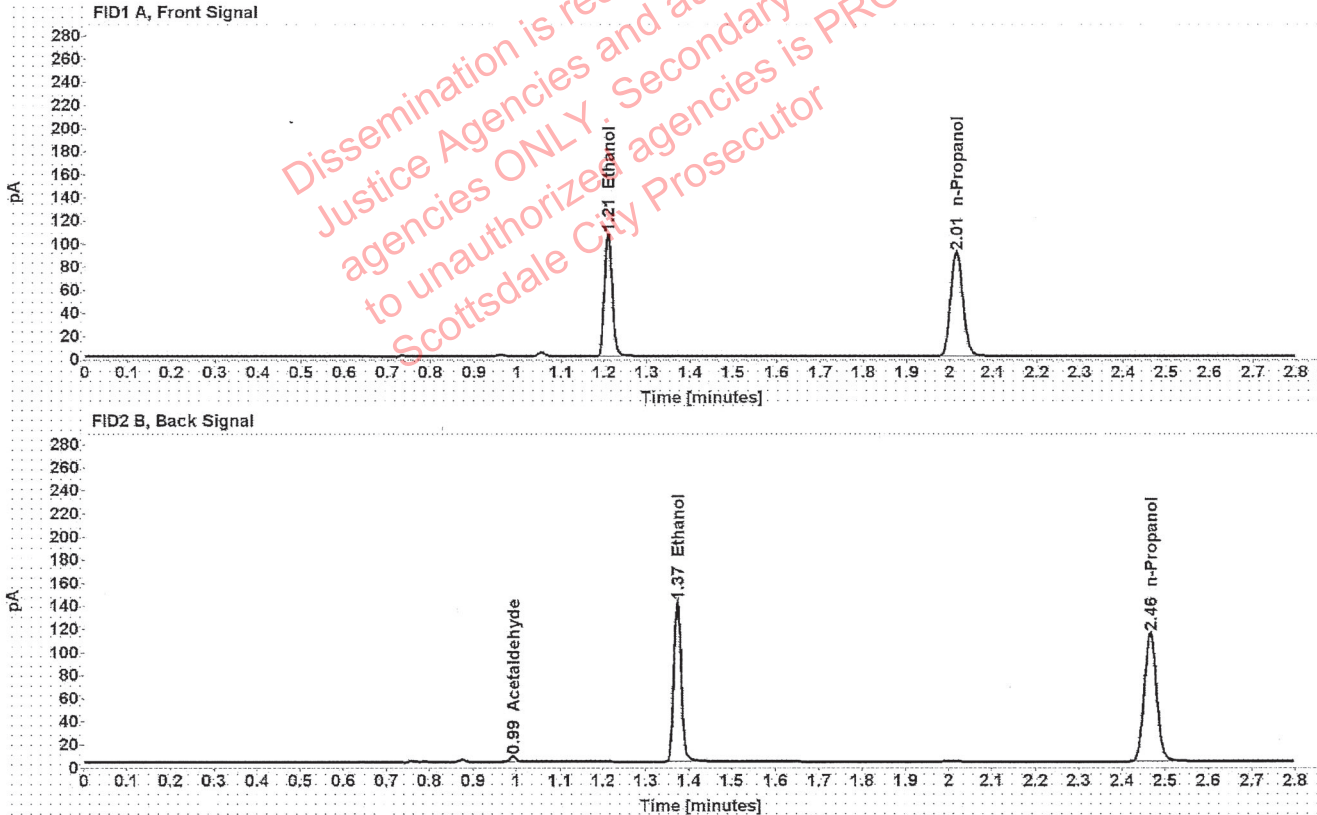


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2100	1.209	135.435
n-Propanol	-----	2.015	179.696

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.693
Ethanol	1.373	170.915
n-Propanol	2.465	225.105