

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 9/28/21 SEQUENCE NAME 28Sep21

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

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

**CALIBRATION VERIFICATION AND RESOLUTION TEST**

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 071521AQ
6	Volatiles mix	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.390 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	0.197 g/dL	ACQ 4101018274/9
20	Aqueous control	0.080 g/dL	0.079 g/dL	Lipomed 20012020-B
31	Blood control	0.200 g/dL	0.199 g/dL	ACQ 4101018274/9
42	Aqueous control	0.080 g/dL	0.079 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	0.200 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.  
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 \_\_\_\_\_  
 \_\_\_\_\_

Run valid  Run invalid  Chris Brooke Analyst  
 Run valid  Run invalid  Erika Canonico Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

713

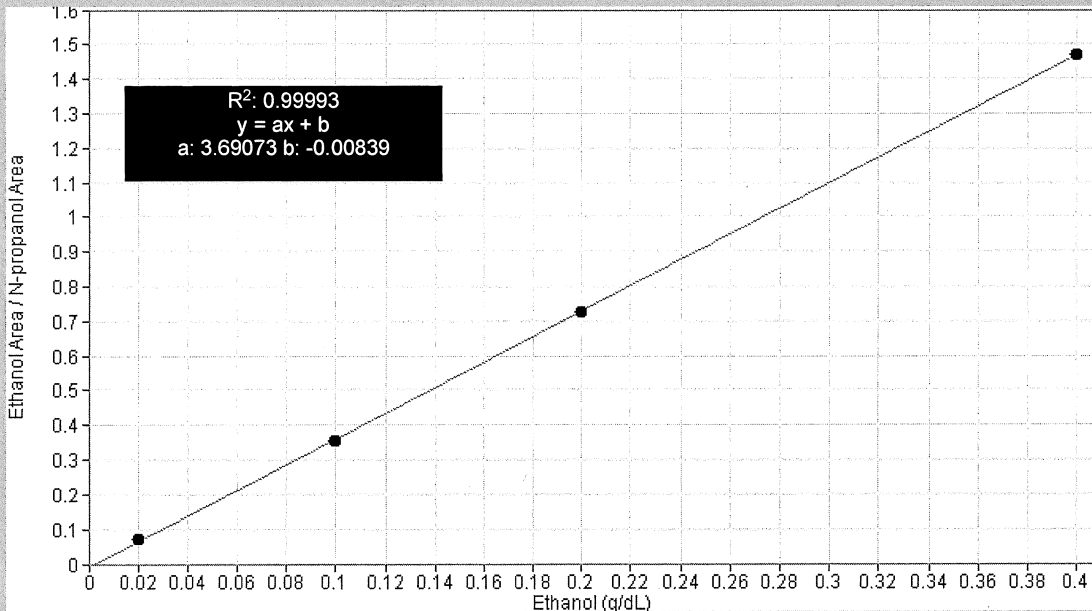
SEQUENCE NAME: 28Sep21

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	0.390	0.400	2.50	-0.010
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.200 4101018274/9	9	0.197	0.200	1.50	-0.003
0.080 20012020-B	20	0.079	0.080	1.25	-0.001
0.200 4101018274/9	31	0.199	0.200	0.50	-0.001
0.080 20012020-B	42	0.079	0.080	1.25	-0.001
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	0.200	0.200	0.00	0.000
blank 111020VWB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.102	171.010	0.071
0.100	60.880	170.333	0.357
0.200	123.539	170.515	0.725
0.400	255.902	173.956	1.471

**Calibration Line**



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06141806	Vial:	1
Description:	0.020 calibrator	Sequence:	28Sep21
Method:	ethanol quant.M	Injection date:	9/28/2021 6:55:44 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke <i>MB</i>
Data file:	C:\Chem321\Data\28Sep21\1.D		

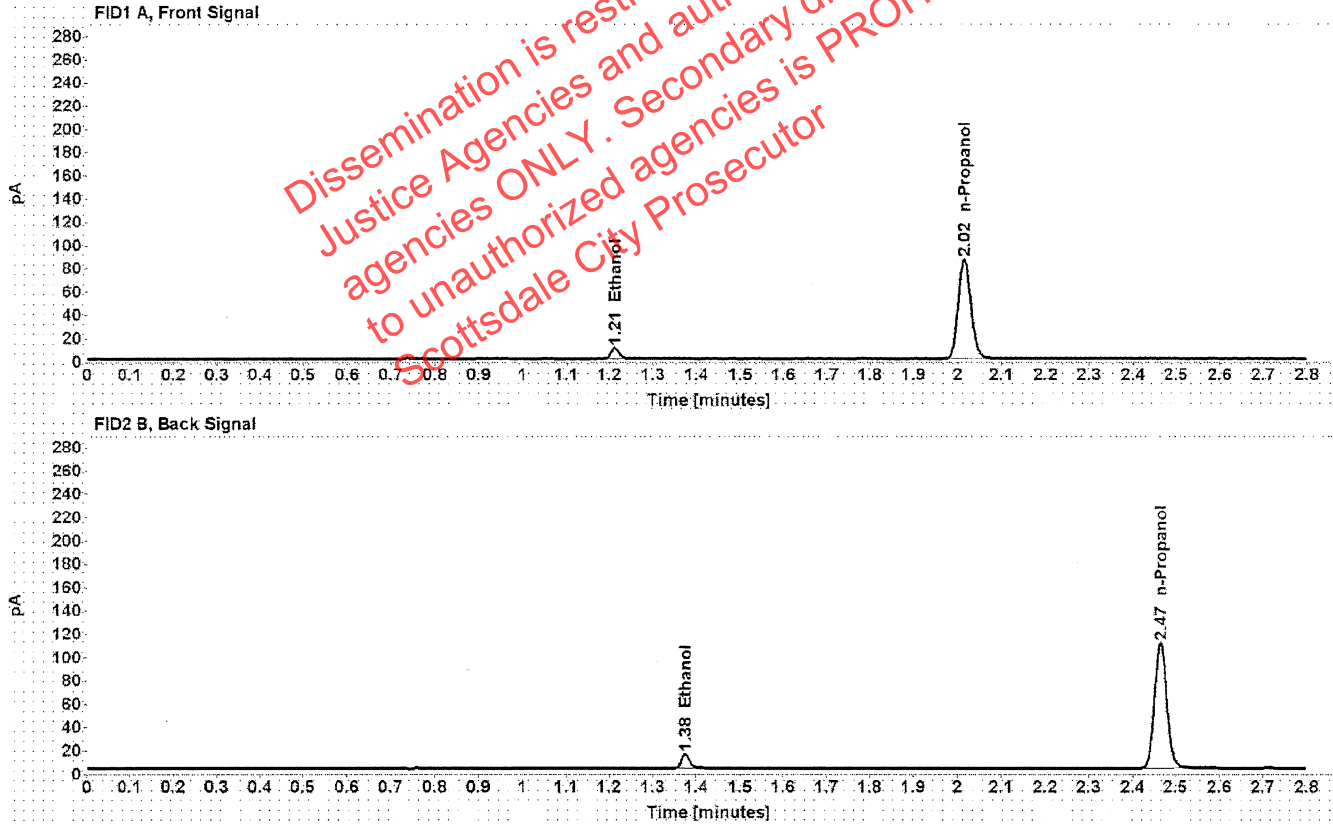


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	12.102
n-Propanol	2.015	171.010

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

Compound	Time (min)	Peak Area
Ethanol	1.375	15.240
n-Propanol	2.465	215.372

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	28Sep21
Method:	ethanol quant.M	Injection date:	9/28/2021 6:59:43 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke <span style="float: right;">993</span>
Data file:	C:\Chem32\1\Data\28Sep21\2.D		

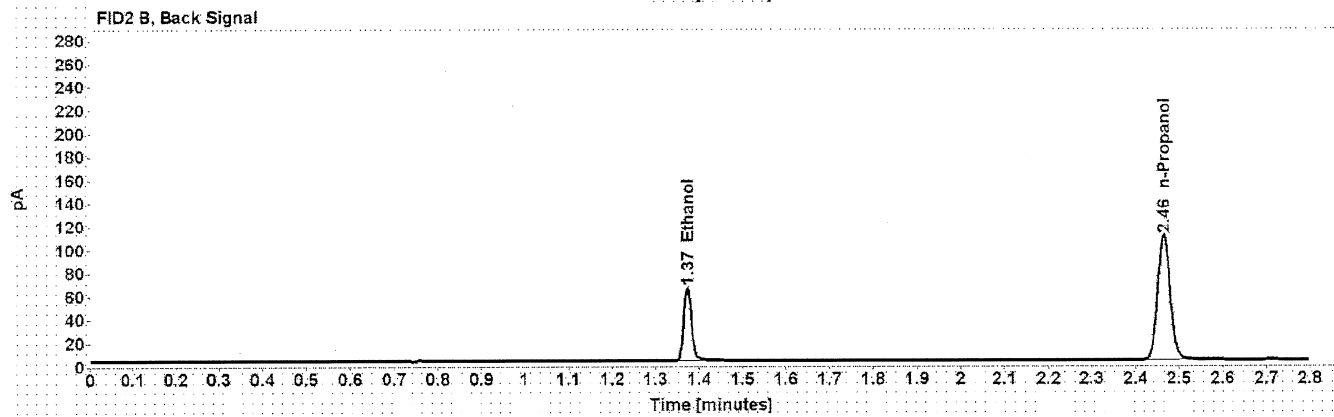
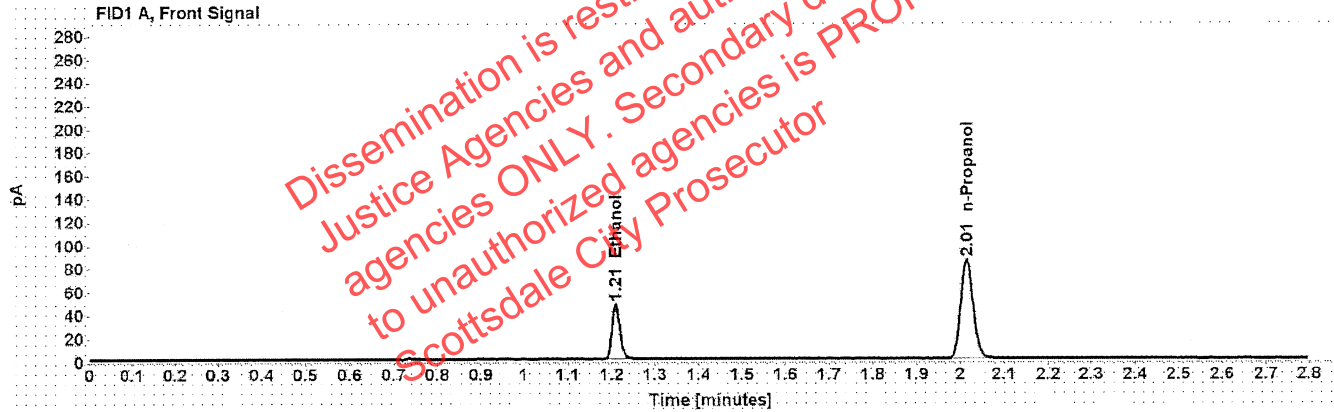


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	60.880
n-Propanol	2.015	170.333

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

Compound	Time (min)	Peak Area
Ethanol	1.373	76.735
n-Propanol	2.465	214.522

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05101903	Vial:	3
Description:	0.200 calibrator	Sequence:	28Sep21
Method:	ethanol quant.M	Injection date:	9/28/2021 7:03:43 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke <span style="float: right;">RB</span>
Data file:	C:\Chem32\1\Data\28Sep21\3.D		

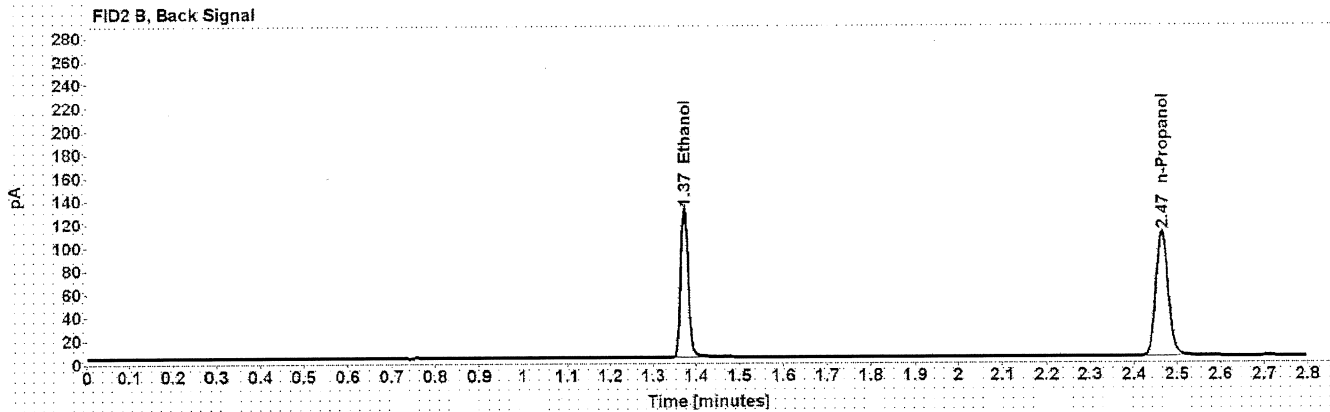
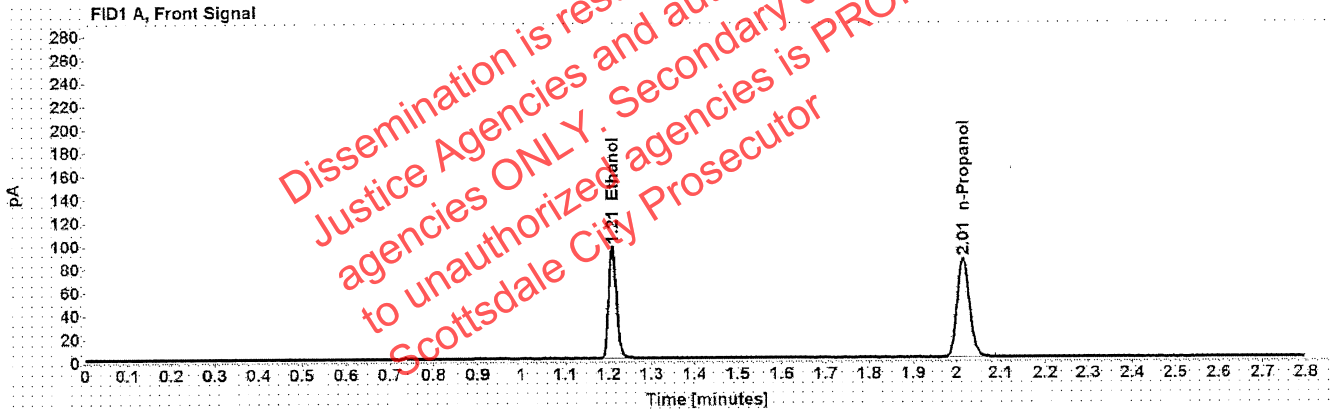


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	123.539
n-Propanol	2.015	170.515

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

Compound	Time (min)	Peak Area
Ethanol	1.373	156.307
n-Propanol	2.465	214.607

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN10051906	Vial:	4
Description:	0.400 calibrator	Sequence:	28Sep21
Method:	ethanol quant.M	Injection date:	9/28/2021 7:07:43 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke <span style="float: right;">TB</span>
Data file:	C:\Chem32\1\Data\28Sep21\4.D		

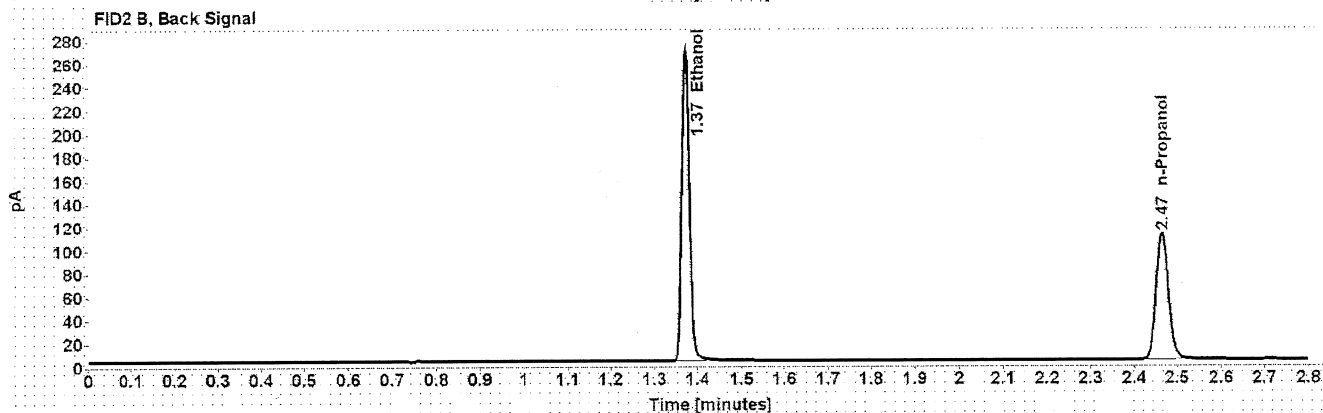
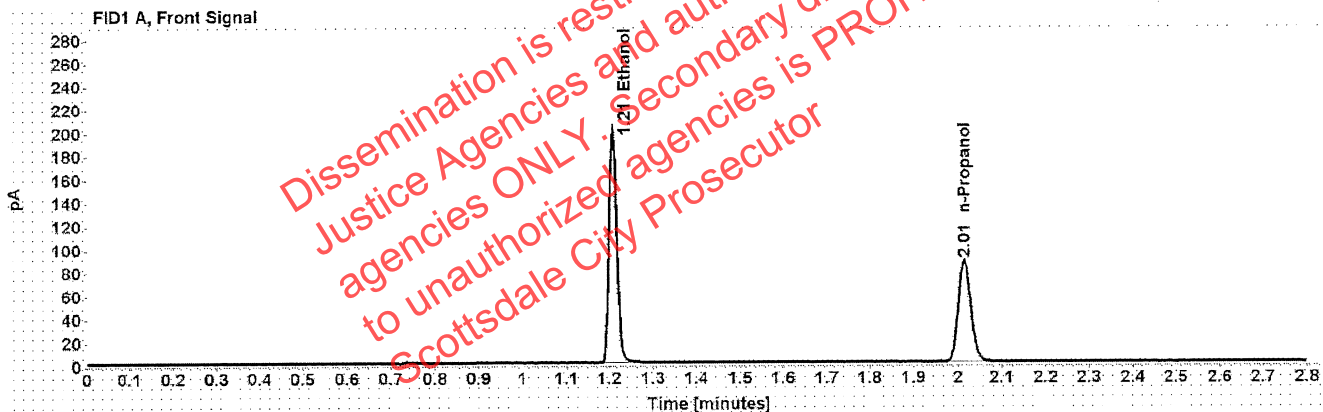


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	255.902
n-Propanol	2.015	173.956

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

Compound	Time (min)	Peak Area
Ethanol	1.373	324.105
n-Propanol	2.465	218.700

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 071521AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 28Sep21
Instrument: US14173023 CN14160045	Injection date: 9/28/2021 7:11:43 PM
Data file: C:\Chem321\Data\28Sep21\5.D	Analyst: Brooke <sup>Y93</sup>

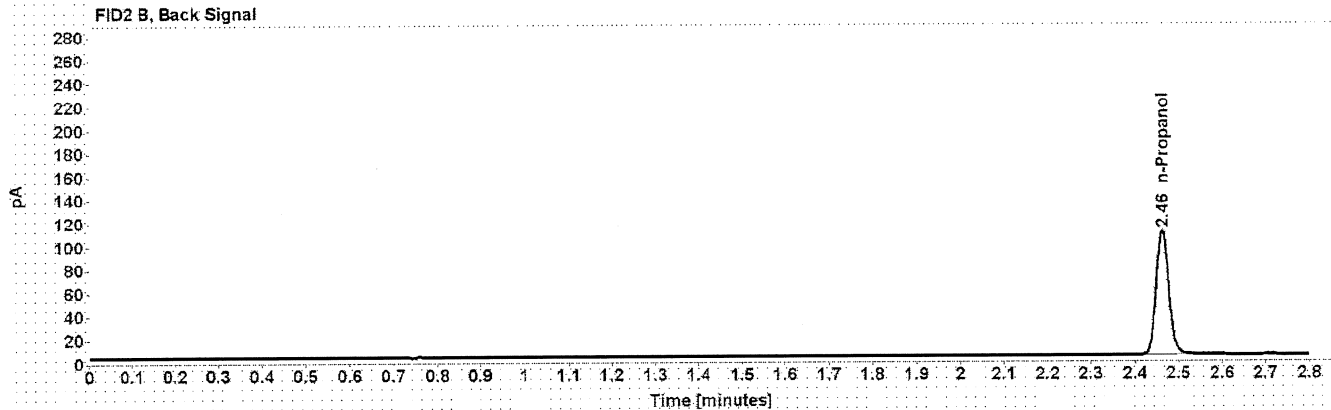
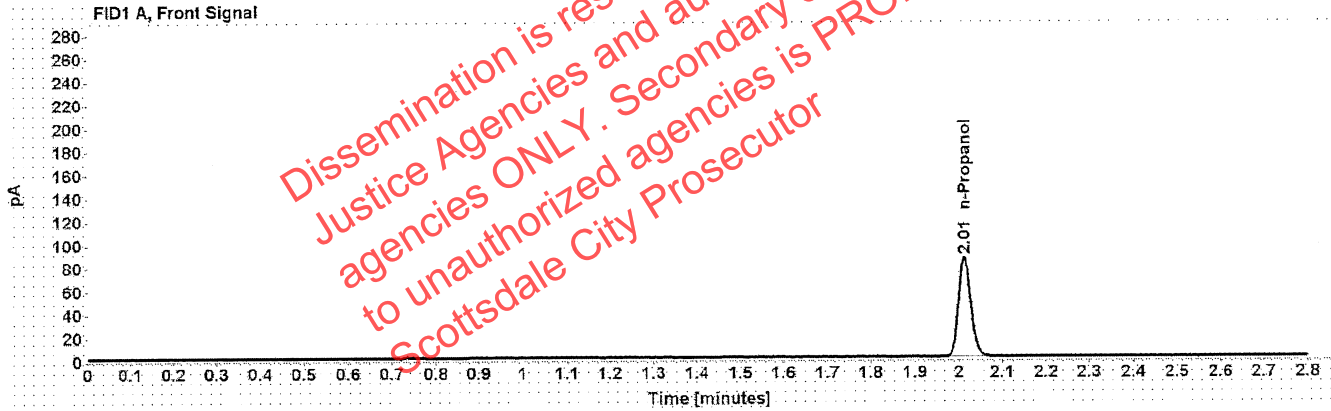


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.013	170.705

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

Compound	Time (min)	Peak Area
n-Propanol	2.463	214.592

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 28Sep21
Instrument: US14173023 CN14160045	Injection date: 9/28/2021 7:15:44 PM
Data file: C:\Chem32\1\Data\28Sep21\6.D	Analyst: Brooke <i>PB</i>

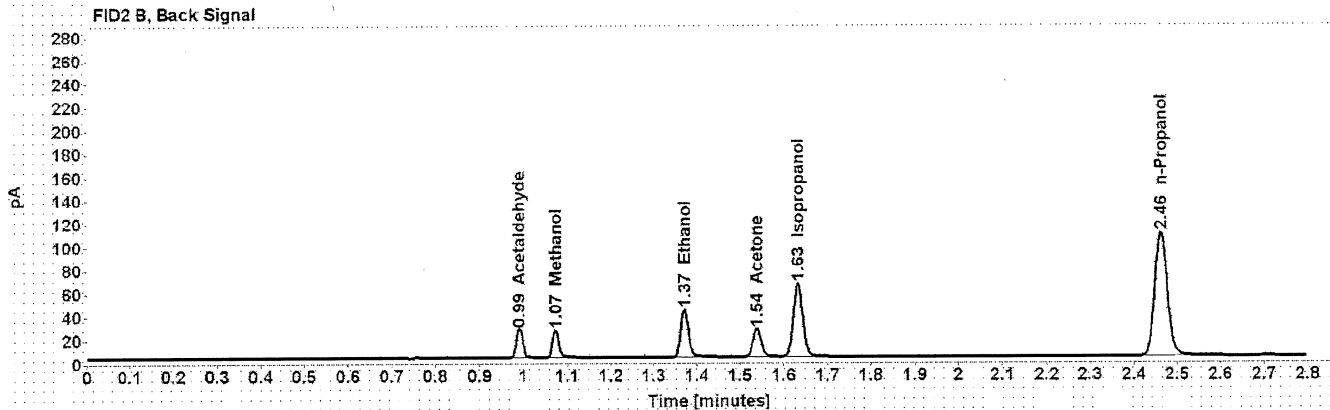
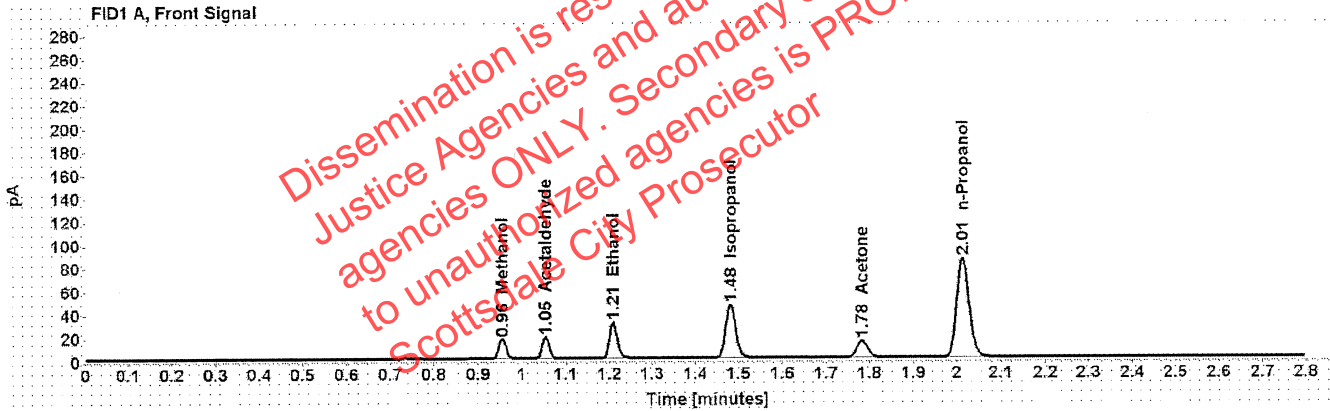


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	19.385
Acetaldehyde	-----	1.054	20.335
>Ethanol	0.0658	1.209	39.878
Isopropanol	-----	1.482	73.588
Acetone	-----	1.783	24.866
n-Propanol	-----	2.013	170.185

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.990	26.279
Methanol	1.073	24.957
Ethanol	1.371	50.317
Acetone	1.538	31.417
Isopropanol	1.633	94.714
n-Propanol	2.463	214.066



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 7:19:58 PM
Data file:	C:\Chem32\1\Data\28Sep21\7.D	Analyst:	Brooke <i>RB</i>

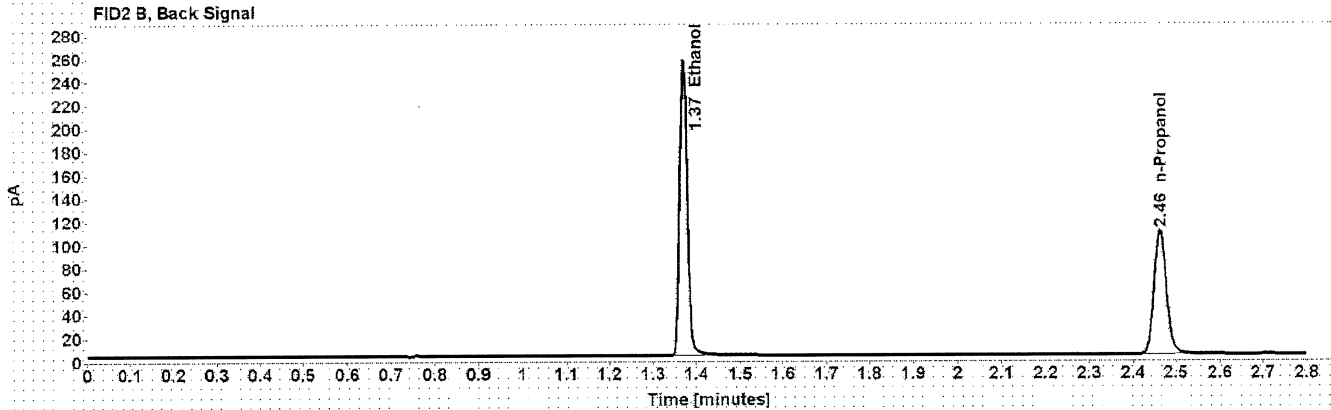
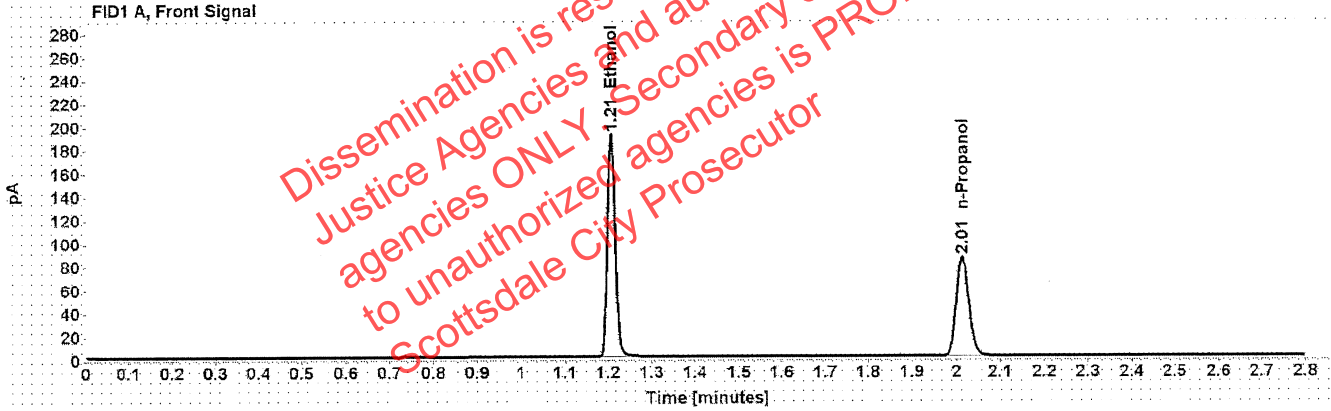


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3905	1.207	243.750
n-Propanol	-----	2.014	170.137

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

Compound	Time (min)	Peak Area
Ethanol	1.371	308.918
n-Propanol	2.463	213.898

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 28Sep21
Instrument: US14173023 CN14160045	Injection date: 9/28/2021 7:23:58 PM
Data file: C:\Chem32\1\Data\28Sep21\8.D	Analyst: Brooke <i>BB</i>

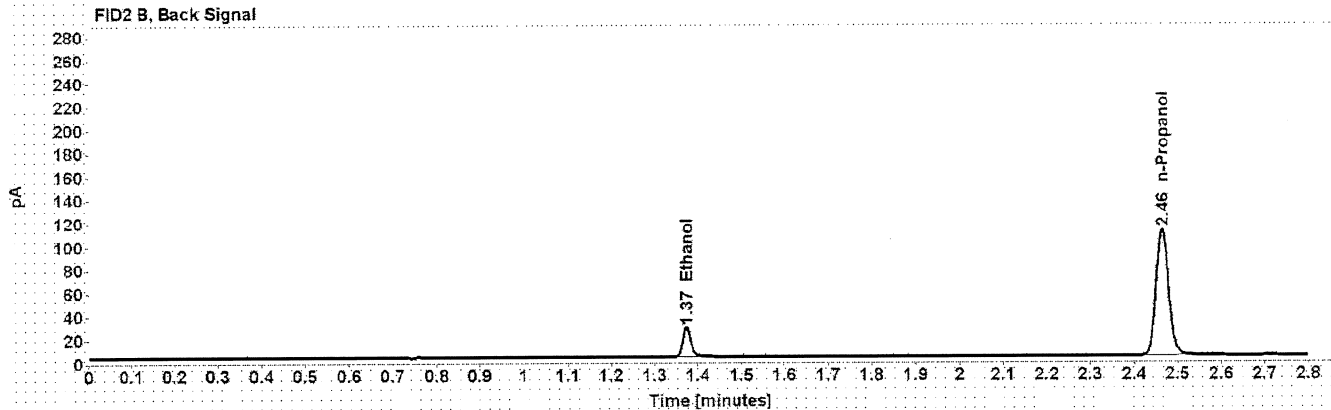
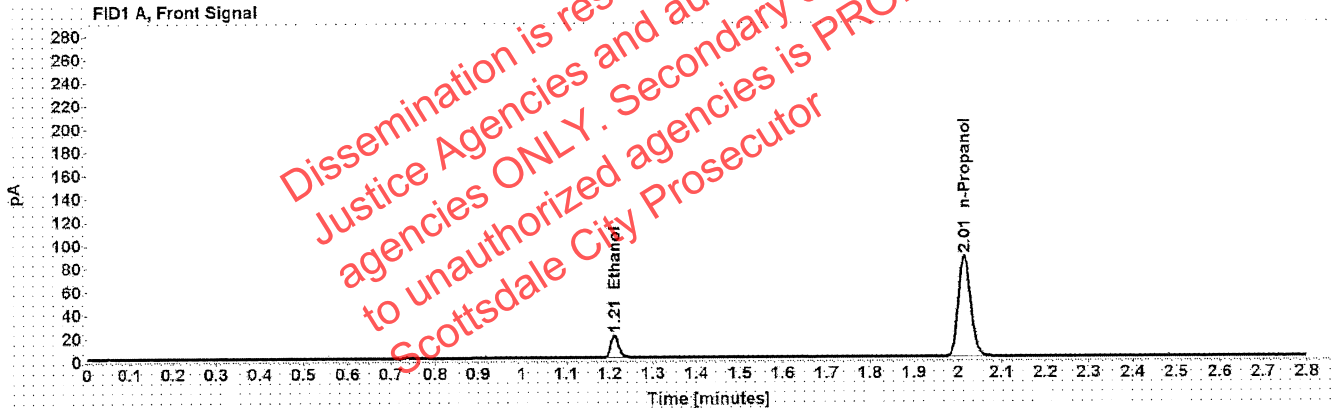


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0415	1.211	25.086
n-Propanol	-----	2.015	173.171

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

Compound	Time (min)	Peak Area
Ethanol	1.374	31.450
n-Propanol	2.465	217.848

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	9
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 7:27:58 PM
Data file:	C:\Chem32\1\Data\28Sep21\9.D	Analyst:	Brooke <i>BB</i>

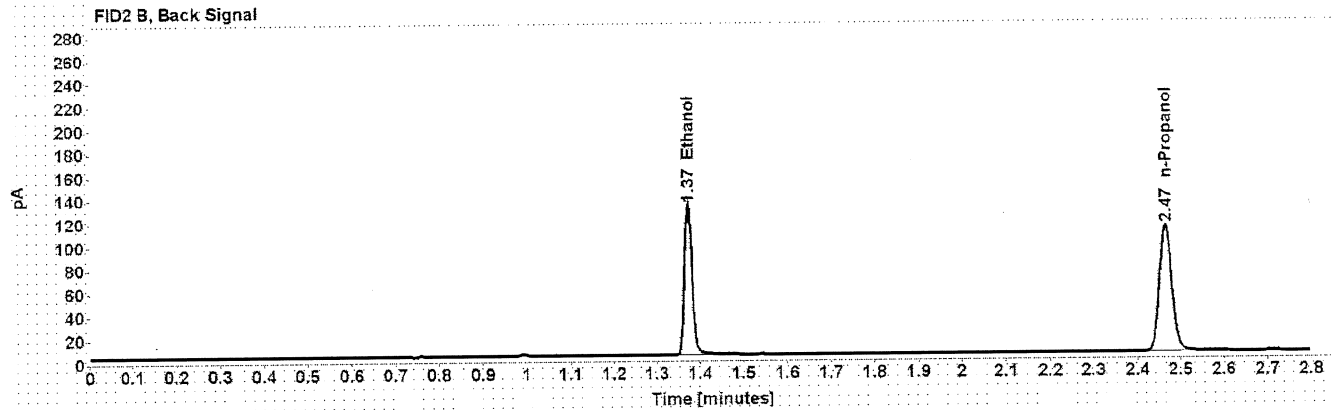
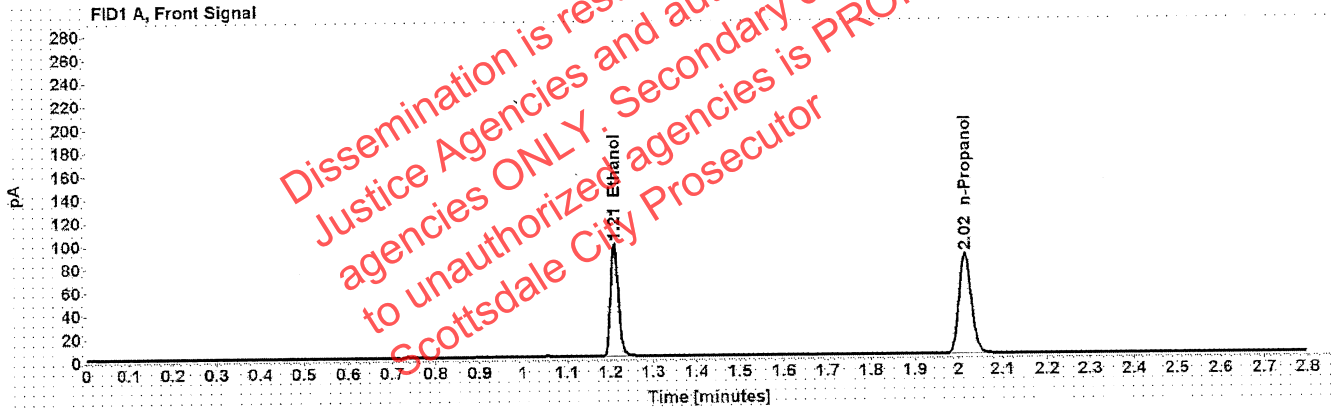


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1979	1.209	124.710
n-Propanol	-----	2.015	172.726

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

Compound	Time (min)	Peak Area
Ethanol	1.373	157.971
n-Propanol	2.466	217.544

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:12:28 PM
Data file:	C:\Chem32\1\Data\28Sep21\20.D	Analyst:	Brooke <sup>793</sup>

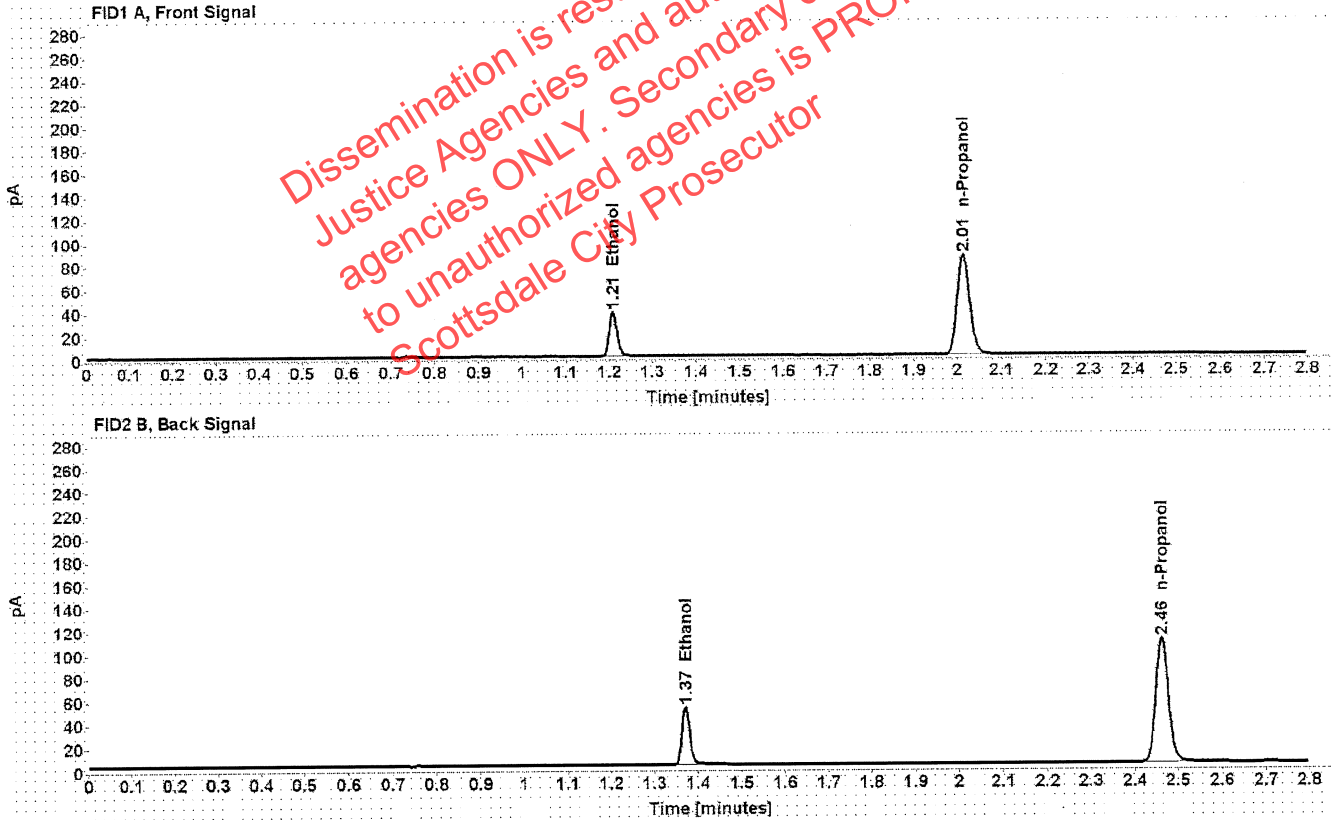


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0792	1.209	48.571
n-Propanol	-----	2.014	171.014

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

Compound	Time (min)	Peak Area
Ethanol	1.371	61.138
n-Propanol	2.463	215.185

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	31
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:56:59 PM
Data file:	C:\Chem32\1\Data\28Sep21\31.D	Analyst:	Brooke <i>BB</i>

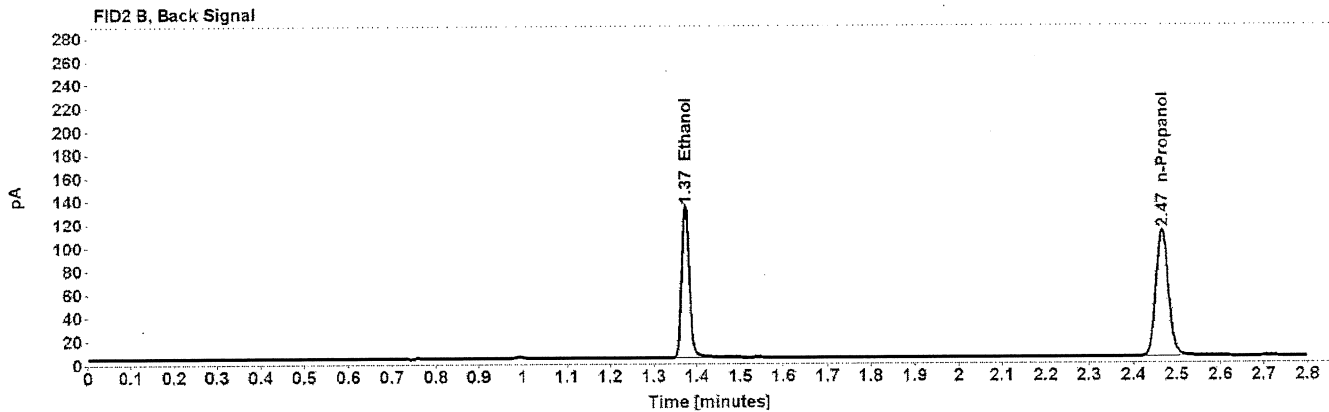
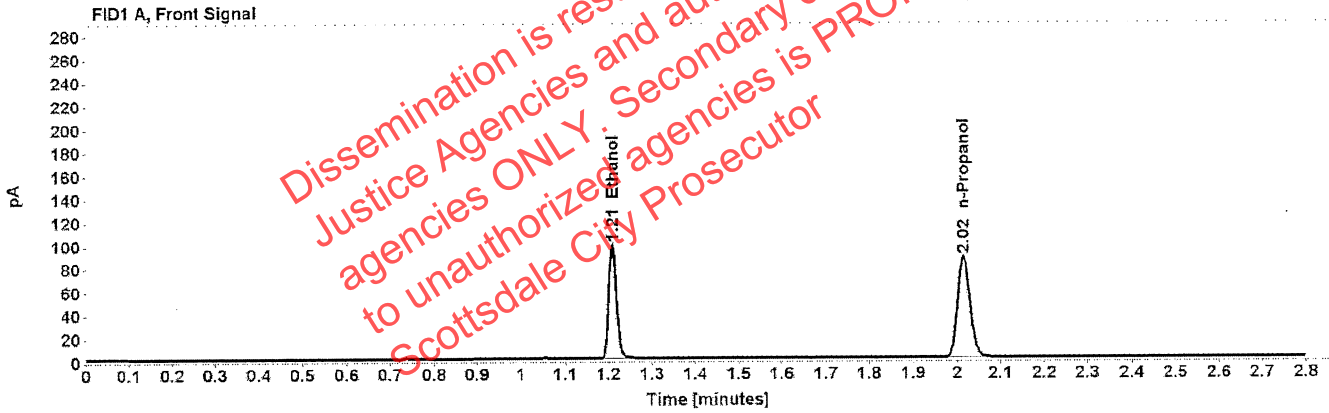


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1990	1.209	126.060
n-Propanol	-----	2.015	173.632

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

Compound	Time (min)	Peak Area
Ethanol	1.373	159.643
n-Propanol	2.466	218.619

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	42
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:41:13 PM
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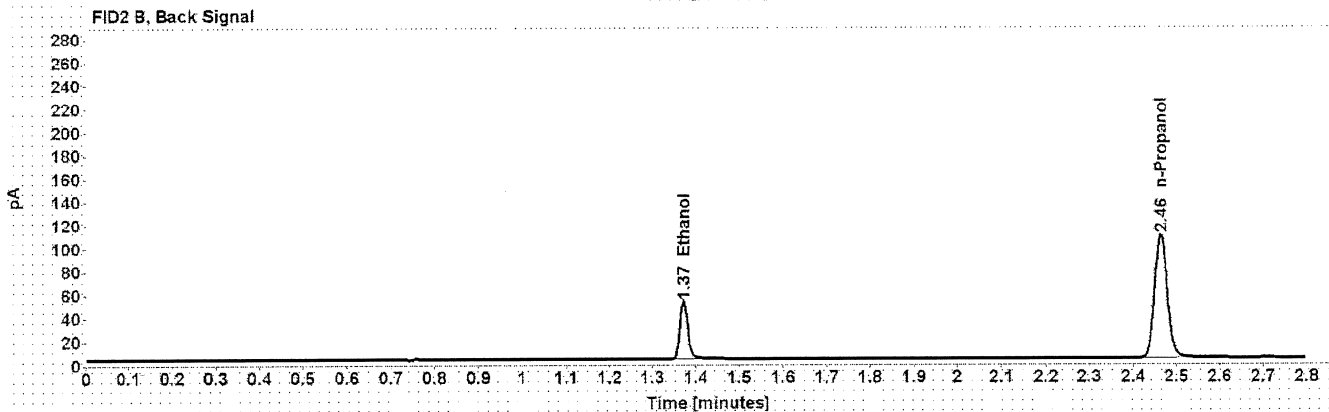
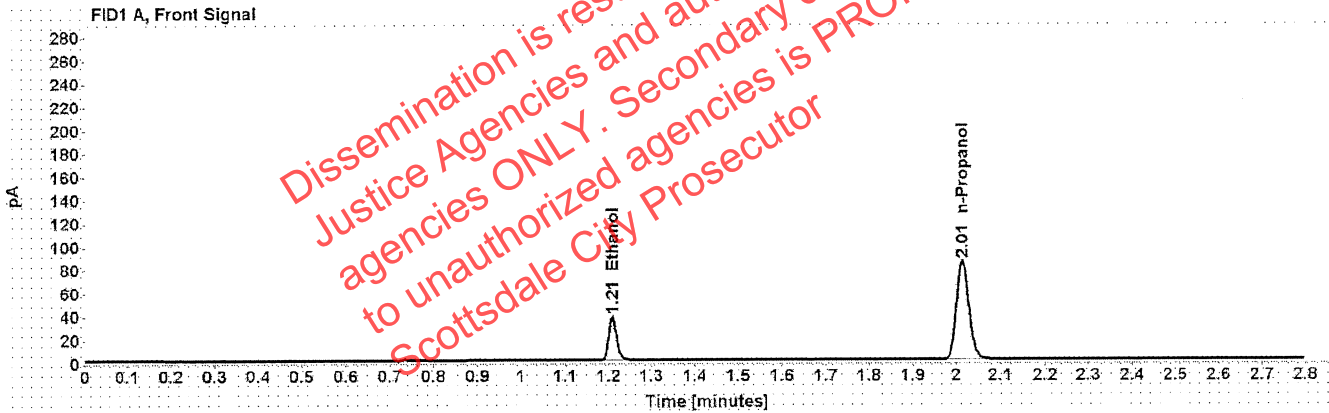


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0793	1.209	48.229
n-Propanol	-----	2.014	169.574

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

Compound	Time (min)	Peak Area
Ethanol	1.372	60.733
n-Propanol	2.464	213.457

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	53
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 10:25:43 PM
Data file:	C:\Chem32\1\Data\28Sep21\53.D	Analyst:	Brooke <i>BB</i>

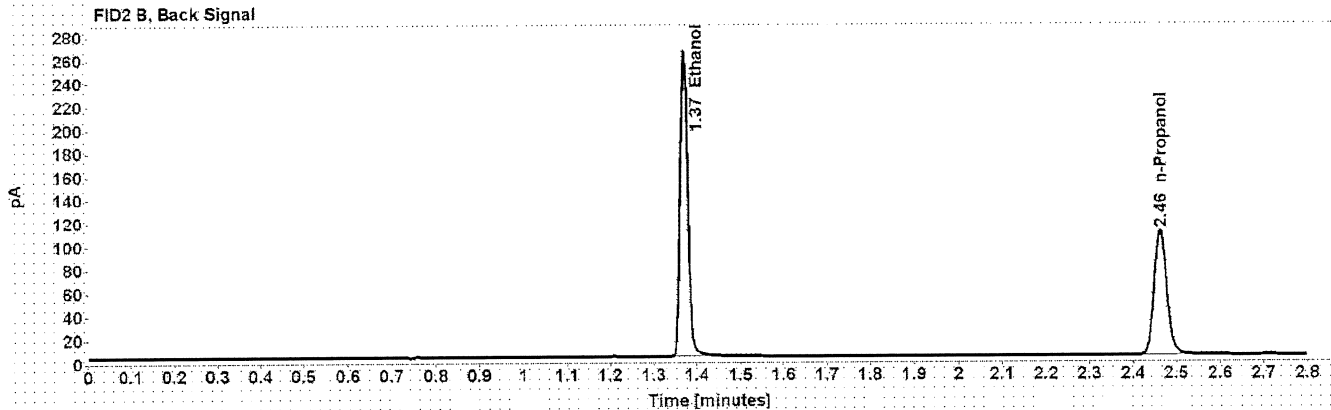
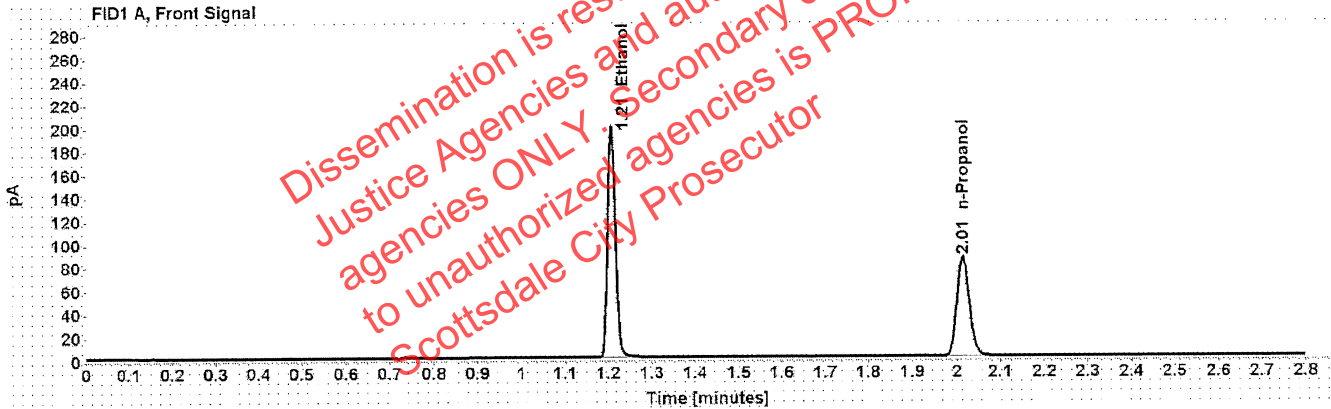


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4033	1.207	252.729
n-Propanol	-----	2.014	170.760

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

Compound	Time (min)	Peak Area
Ethanol	1.371	320.731
n-Propanol	2.464	215.062

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	54
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 10:29:44 PM
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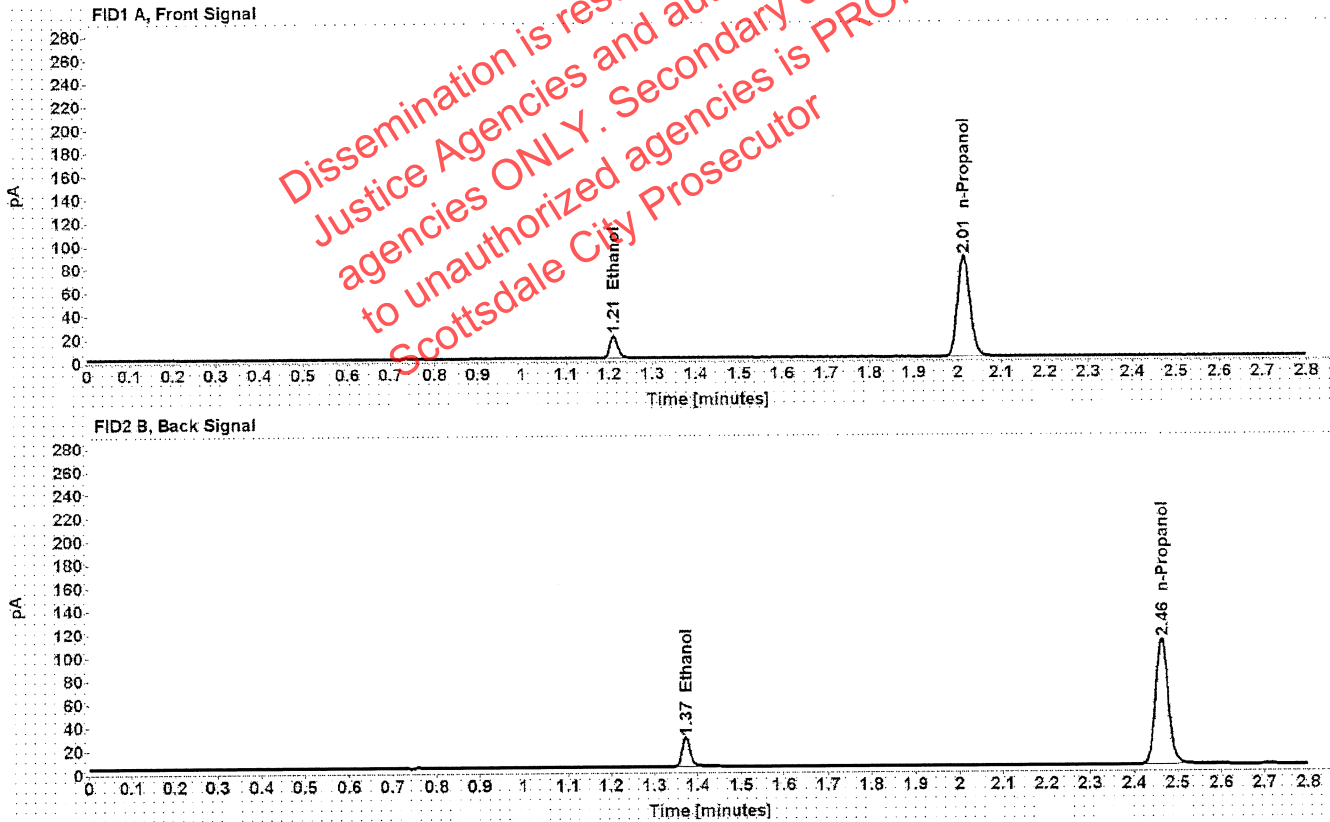


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.210	24.772
n-Propanol	-----	2.014	172.998

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

Compound	Time (min)	Peak Area
Ethanol	1.372	31.152
n-Propanol	2.463	217.679



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 55
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 28Sep21
Instrument: US14173023 CN14160045	Injection date: 9/28/2021 10:33:59 PM
Data file: C:\Chem32\1\Data\28Sep21\55.D	Analyst: Brooke

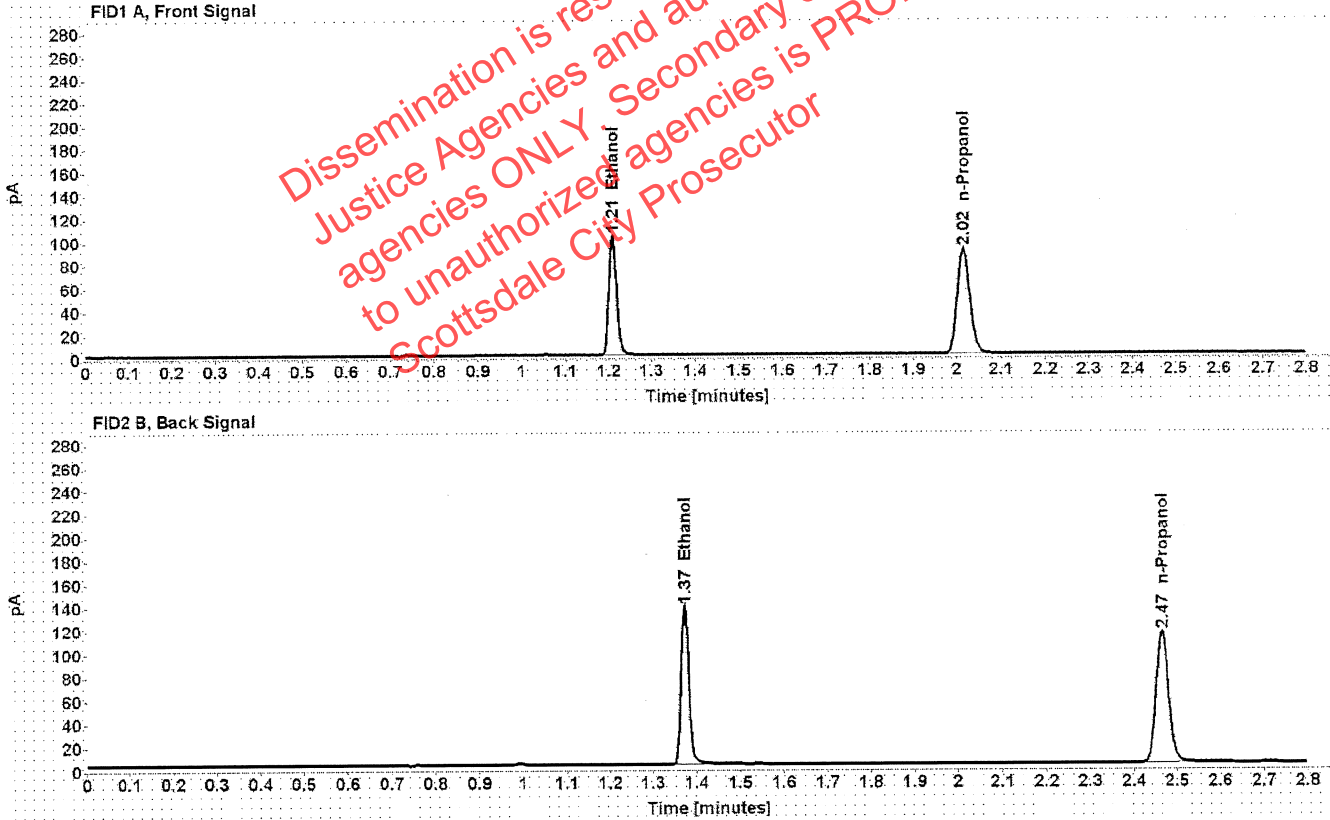


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2002	1.209	131.696
n-Propanol	-----	2.015	180.244

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

Compound	Time (min)	Peak Area
Ethanol	1.373	166.852
n-Propanol	2.465	226.981

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	56
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 10:37:59 PM
Data file:	C:\Chem32\1\Data\28Sep21\56.D	Analyst:	Brooke <i>BS</i>

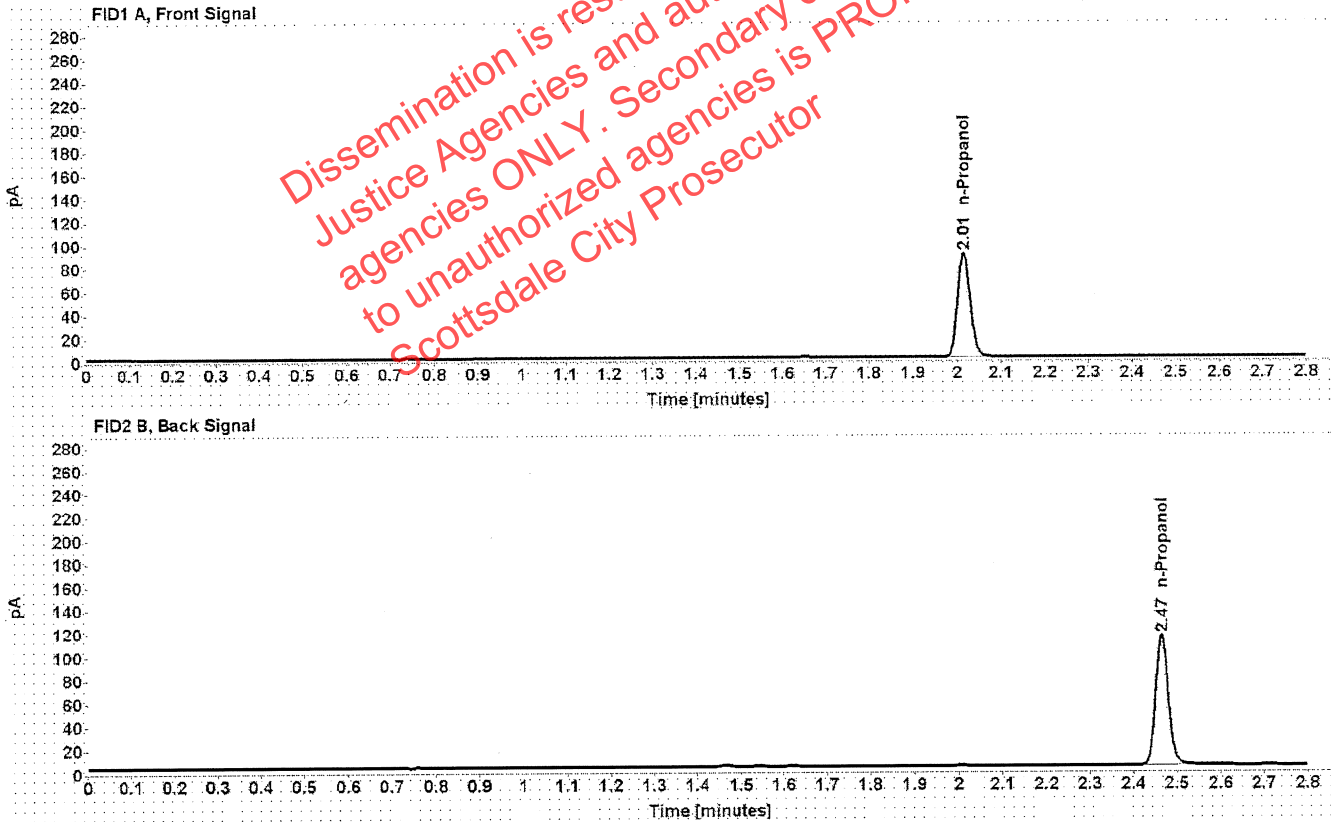


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	178.239

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

Compound	Time (min)	Peak Area
n-Propanol	2.465	224.495

# Sequence Summary

TB

Sequence name: 28Sep21      Instrument: US14173023 CN14160045      Analyst: Brooke

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	1388354		Sample		ethanol quant.M
11	1388354		Sample		ethanol quant.M
12	18601JR		Sample		ethanol quant.M
13	18601JR		Sample		ethanol quant.M
14	32601RS		Sample		ethanol quant.M
15	32601RS		Sample		ethanol quant.M
16	17601CA		Sample		ethanol quant.M
17	17601CA		Sample		ethanol quant.M
18	32701O		Sample		ethanol quant.M
19	32701O		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	17601RD		Sample		ethanol quant.M
22	17601RD		Sample		ethanol quant.M
23	1347705		Sample		ethanol quant.M
24	1347705		Sample		ethanol quant.M
25	1389452		Sample		ethanol quant.M
26	1389452		Sample		ethanol quant.M
27	1385825		Sample		ethanol quant.M
28	1385825		Sample		ethanol quant.M
29	1389936		Sample		ethanol quant.M
30	1389936		Sample		ethanol quant.M
31	4101018274/9	0.200	Control		ethanol quant.M
32	1356741		Sample		ethanol quant.M
33	1356741		Sample		ethanol quant.M
34	1390078		Sample		ethanol quant.M
35	1390078		Sample		ethanol quant.M
36	1388365		Sample		ethanol quant.M
37	1388365		Sample		ethanol quant.M
38	1390168		Sample		ethanol quant.M
39	1390168		Sample		ethanol quant.M
40	34701HD		Sample		ethanol quant.M
41	34701HD		Sample		ethanol quant.M
42	20012020-B	0.080	Control		ethanol quant.M
43	39001CP		Sample		ethanol quant.M
44	39001CP		Sample		ethanol quant.M
45	39201EA		Sample		ethanol quant.M
46	39201EA		Sample		ethanol quant.M
47	33801CH		Sample		ethanol quant.M

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# Sequence Summary

73

48	33801CH		Sample		ethanol quant.M
49	33801MF		Sample		ethanol quant.M
50	33801MF		Sample		ethanol quant.M
51	1355677		Sample		ethanol quant.M
52	1355677		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

JB

SEQUENCE NAME: 28Sep21

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1290	0.1293	0.12915	0.12	0.00015
12 13	0.0930	0.0936	0.09330	0.32	0.00030
14 15	0.0372	0.0372	0.03720	0.00	0.00000
16 17	0.2670	0.2672	0.26710	0.04	0.00010
18 19	0.0825	0.0829	0.08270	0.24	0.00020
21 22	0.2036	0.2054	0.20450	0.44	0.00090
23 24	0.1521	0.1533	0.15270	0.39	0.00060
25 26	0.2391	0.2375	0.23830	0.34	0.00080
27 28	0.2389	0.2390	0.23895	0.02	0.00005
29 30	0.1613	0.1624	0.16185	0.34	0.00055
32 33	0.2283	0.2307	0.22950	0.52	0.00120
34 35	0.1219	0.1215	0.12170	0.16	0.00020
36 37	0.1881	0.1871	0.18760	0.27	0.00050
38 39	0.1411	0.1418	0.14145	0.25	0.00035
40 41	0.2296	0.2298	0.22970	0.04	0.00010
43 44	0.1030	0.1040	0.10350	0.48	0.00050
45 46	0.1962	0.1978	0.19700	0.41	0.00080
47 48	0.2215	0.2207	0.22110	0.18	0.00040
49 50	0.1757	0.1743	0.17500	0.40	0.00070
51 52	0.1334	0.1337	0.13355	0.11	0.00015

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



[REDACTED]: Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1388354	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 7:31:58 PM
Data file:	C:\Chem32\1\Data\28Sep21\10.D	Analyst:	Brooke

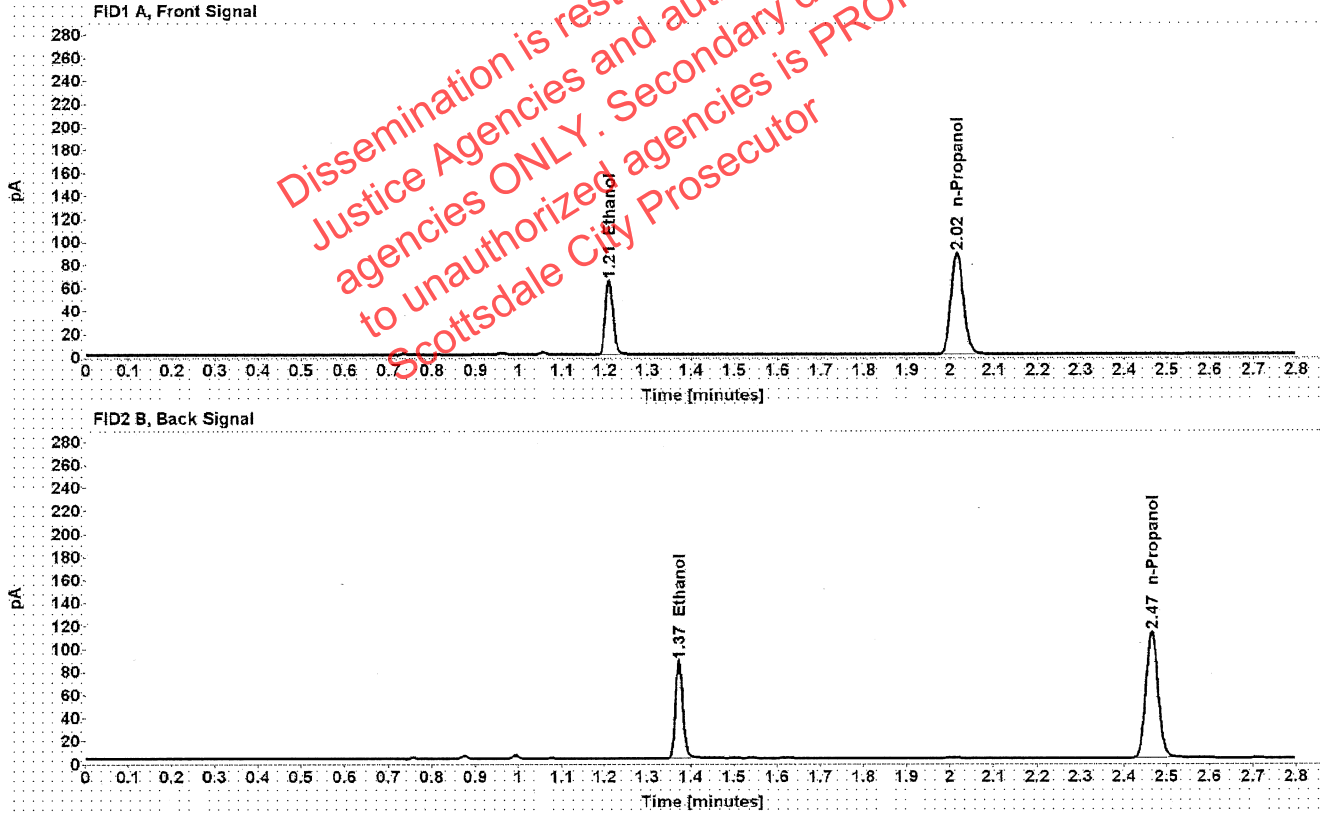


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1290	1.210	81.817
n-Propanol	-----	2.015	174.919

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

Compound	Time (min)	Peak Area
Ethanol	1.373	102.961
n-Propanol	2.465	220.593

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1388354	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 7:35:58 PM
Data file:	C:\Chem32\1\Data\28Sep21\11.D	Analyst:	Brooke

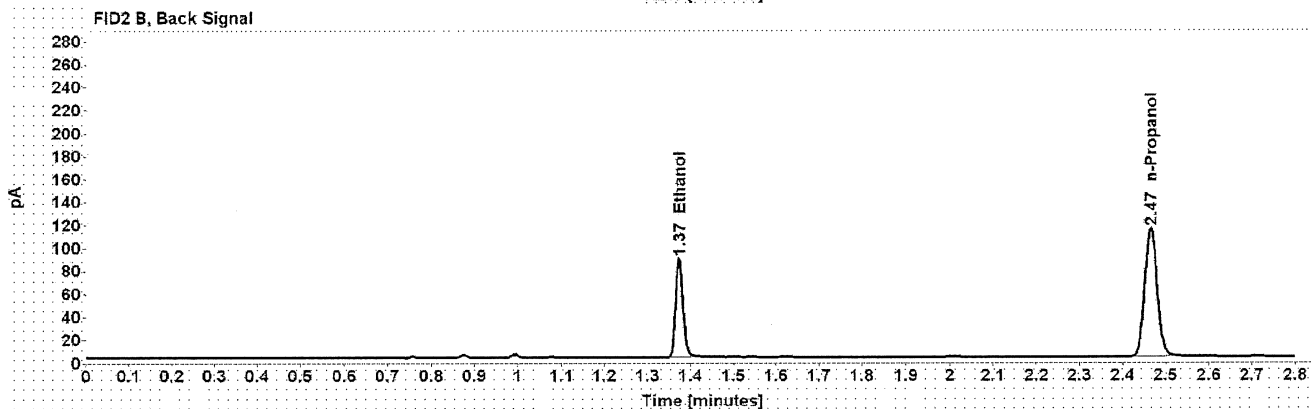
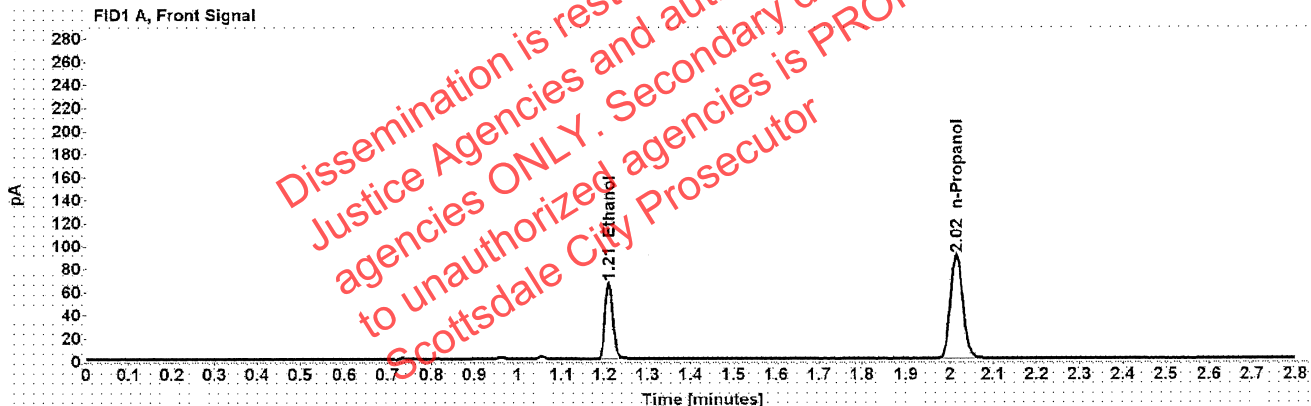


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1293	1.210	83.686
n-Propanol	-----	2.015	178.518

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

Compound	Time (min)	Peak Area
Ethanol	1.373	105.269
n-Propanol	2.465	225.278



Brooke, Phillip - (29-Sep-2021)

Case: User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	18601JR	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 7:39:59 PM
Data file:	C:\Chem32\1\Data\28Sep21\12.D	Analyst:	Brooke

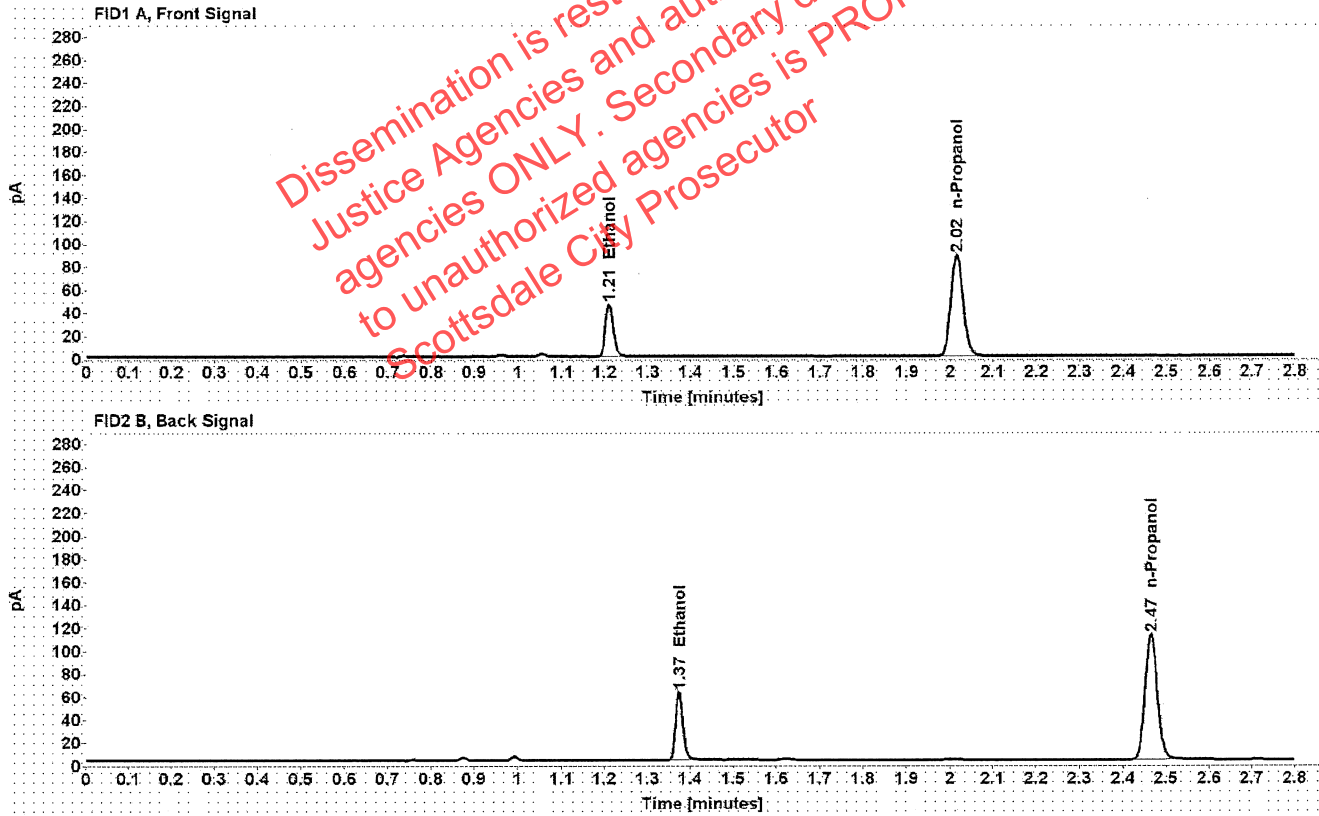


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0930	1.210	58.366
n-Propanol	-----	2.015	174.358

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

Compound	Time (min)	Peak Area
Ethanol	1.374	73.205
n-Propanol	2.465	220.343

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	18601JR	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 7:44:13 PM
Data file:	C:\Chem32\1\Data\28Sep21\13.D	Analyst:	Brooke

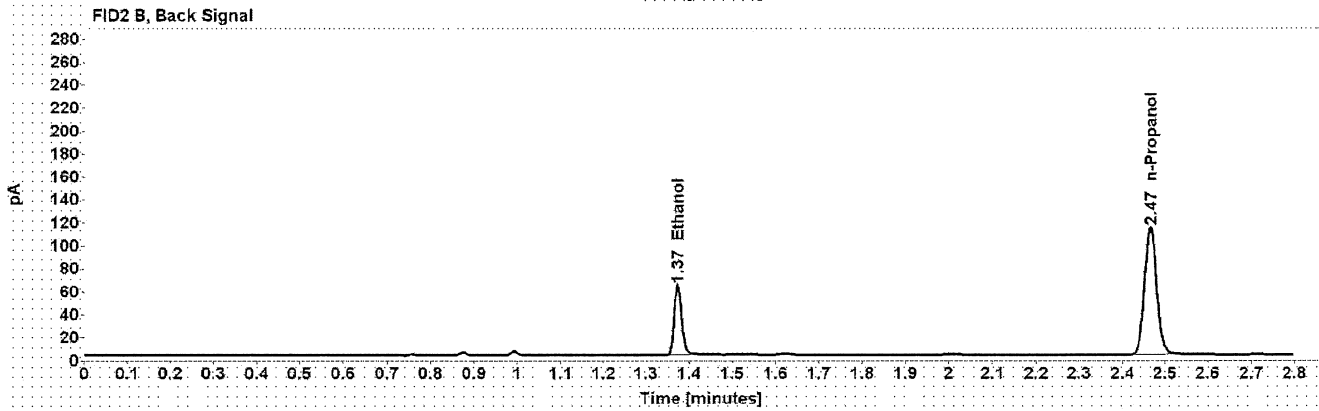
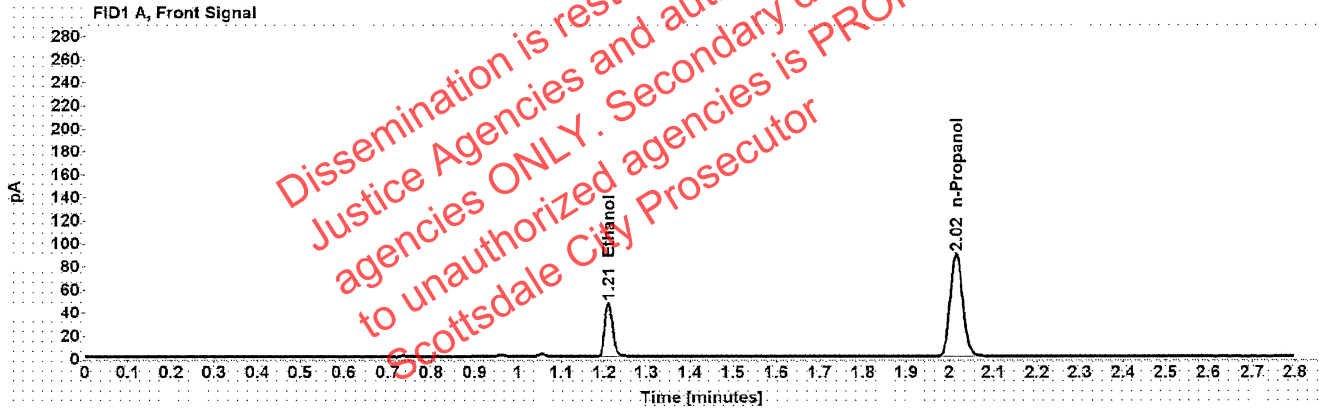


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0936	1.210	59.596
n-Propanol	-----	2.015	176.809

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

Compound	Time (min)	Peak Area
Ethanol	1.374	74.509
n-Propanol	2.465	223.430

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32601RS	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 7:48:13 PM
Data file:	C:\Chem32\1\Data\28Sep21\14.D	Analyst:	Brooke

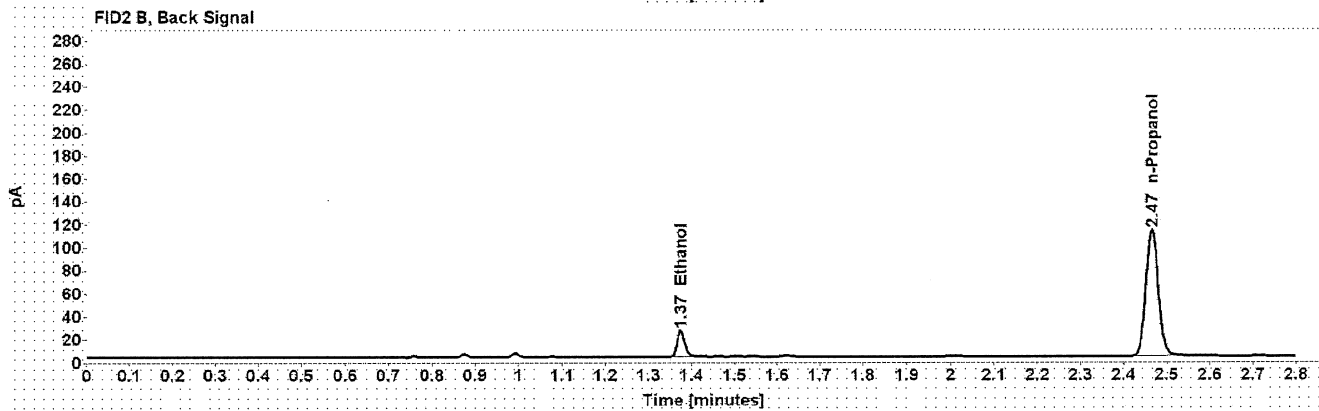
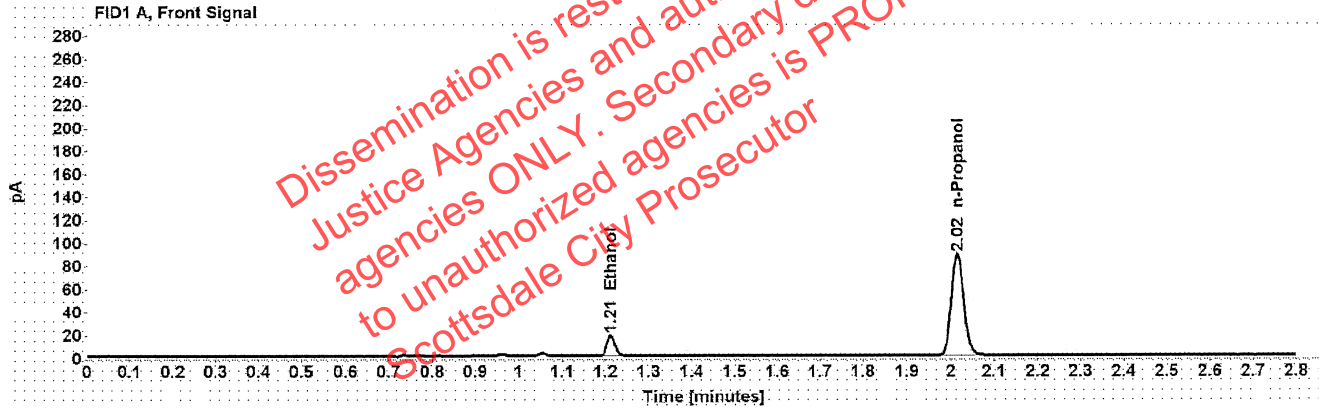


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0372	1.211	22.590
n-Propanol	-----	2.015	175.356

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

Compound	Time (min)	Peak Area
Ethanol	1.375	28.855
n-Propanol	2.466	221.523

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32601RS	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 7:52:13 PM
Data file:	C:\Chem32\1\Data\28Sep21\15.D	Analyst:	Brooke

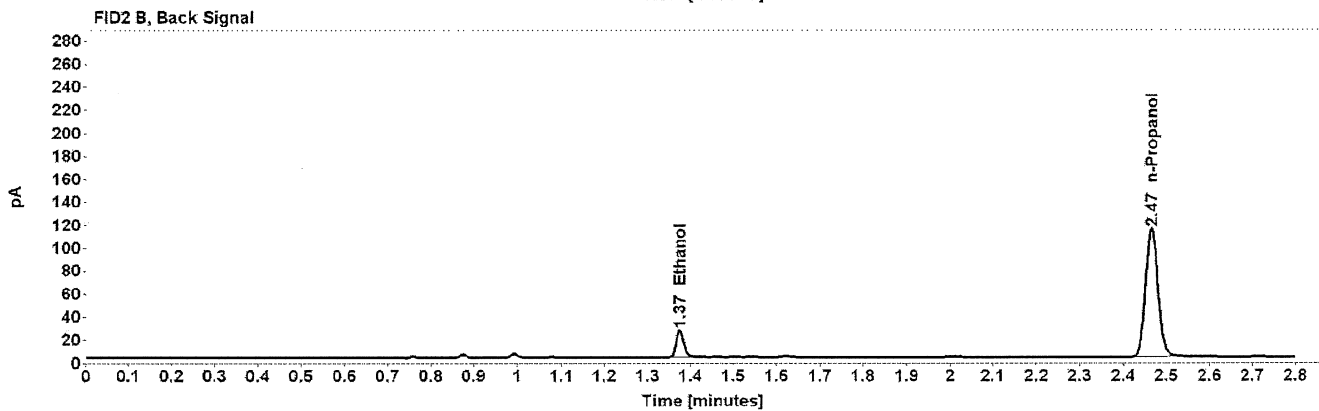
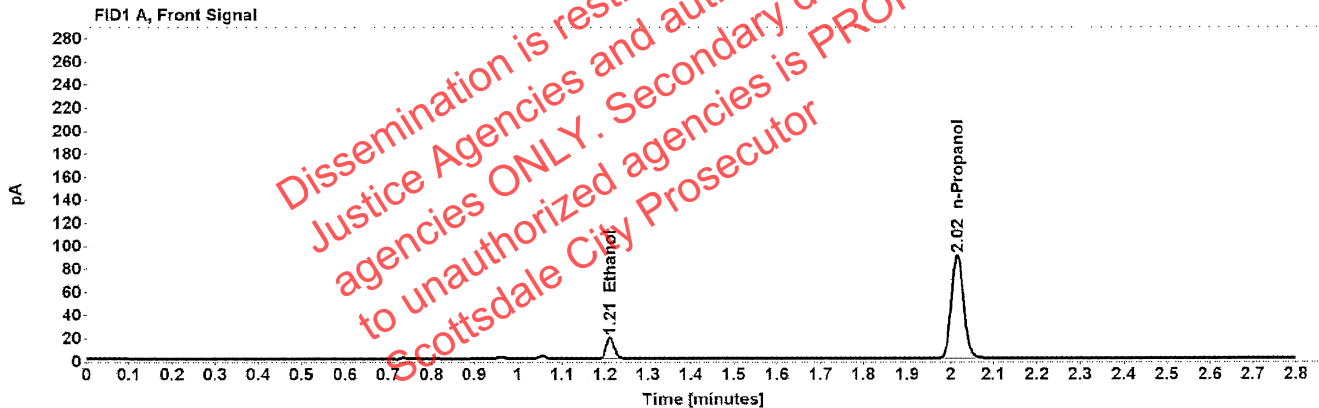


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0372	1.211	22.980
n-Propanol	-----	2.015	178.052

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

Compound	Time (min)	Peak Area
Ethanol	1.375	29.433
n-Propanol	2.466	224.943

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601CA	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 7:56:14 PM
Data file:	C:\Chem3211\Data\28Sep21\16.D	Analyst:	Brooke

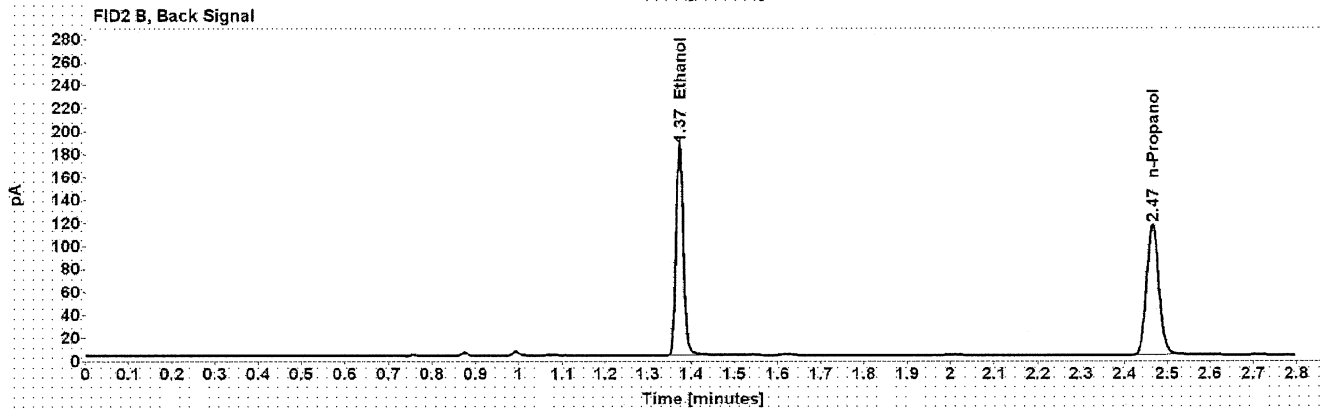
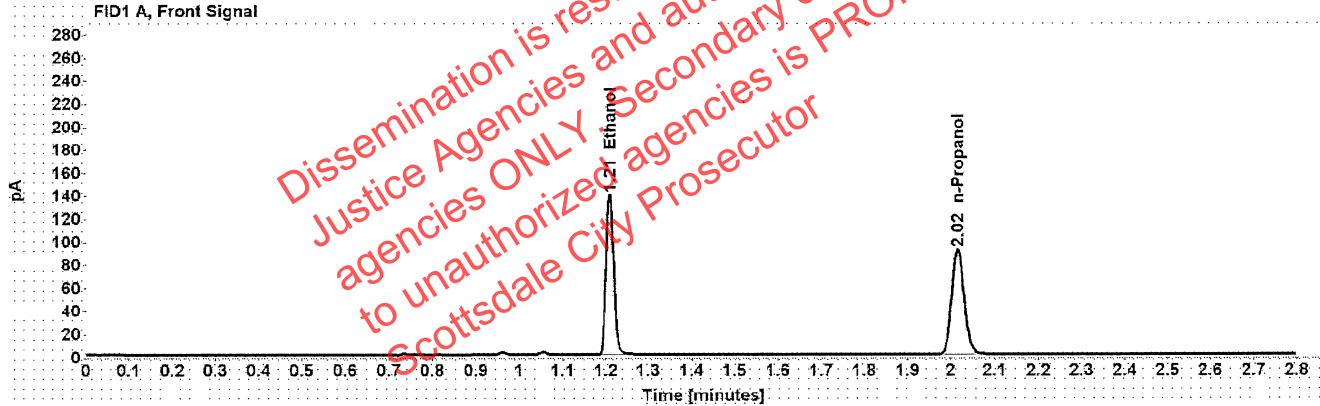


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2670	1.209	177.211
n-Propanol	-----	2.015	181.356

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

Compound	Time (min)	Peak Area
Ethanol	1.373	225.574
n-Propanol	2.466	228.314

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601CA	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:00:13 PM
Data file:	C:\Chem32\1\Data\28Sep21\17.D	Analyst:	Brooke

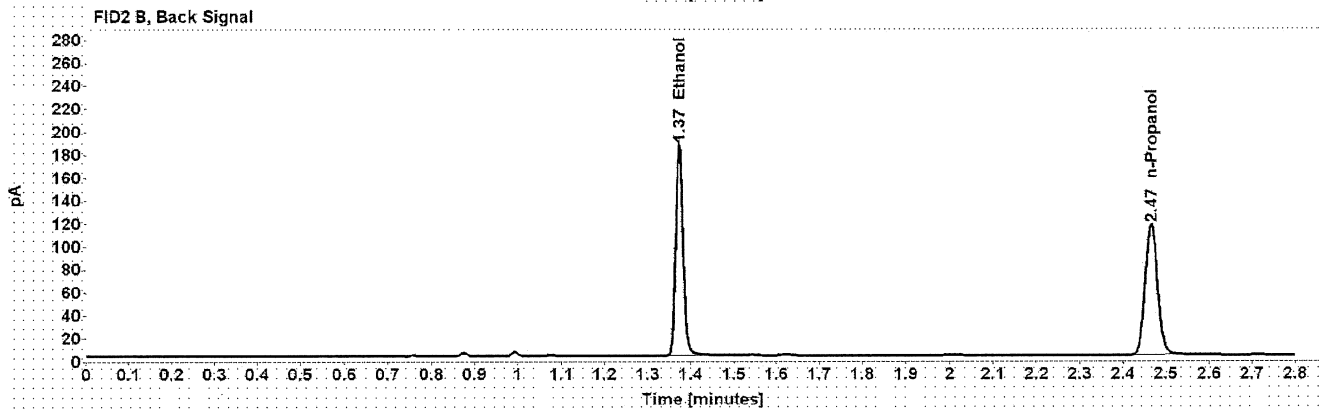
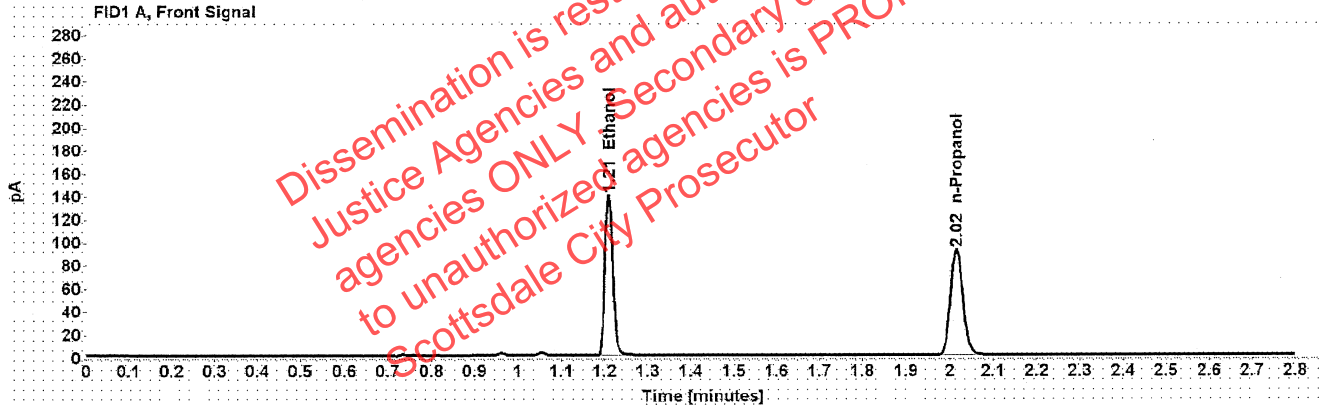


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2672	1.209	177.293
n-Propanol	-----	2.015	181.356

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

Compound	Time (min)	Peak Area
Ethanol	1.373	225.610
n-Propanol	2.466	228.542

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327010	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:04:14 PM
Data file:	C:\Chem32\1\Data\28Sep21\18.D	Analyst:	Brooke

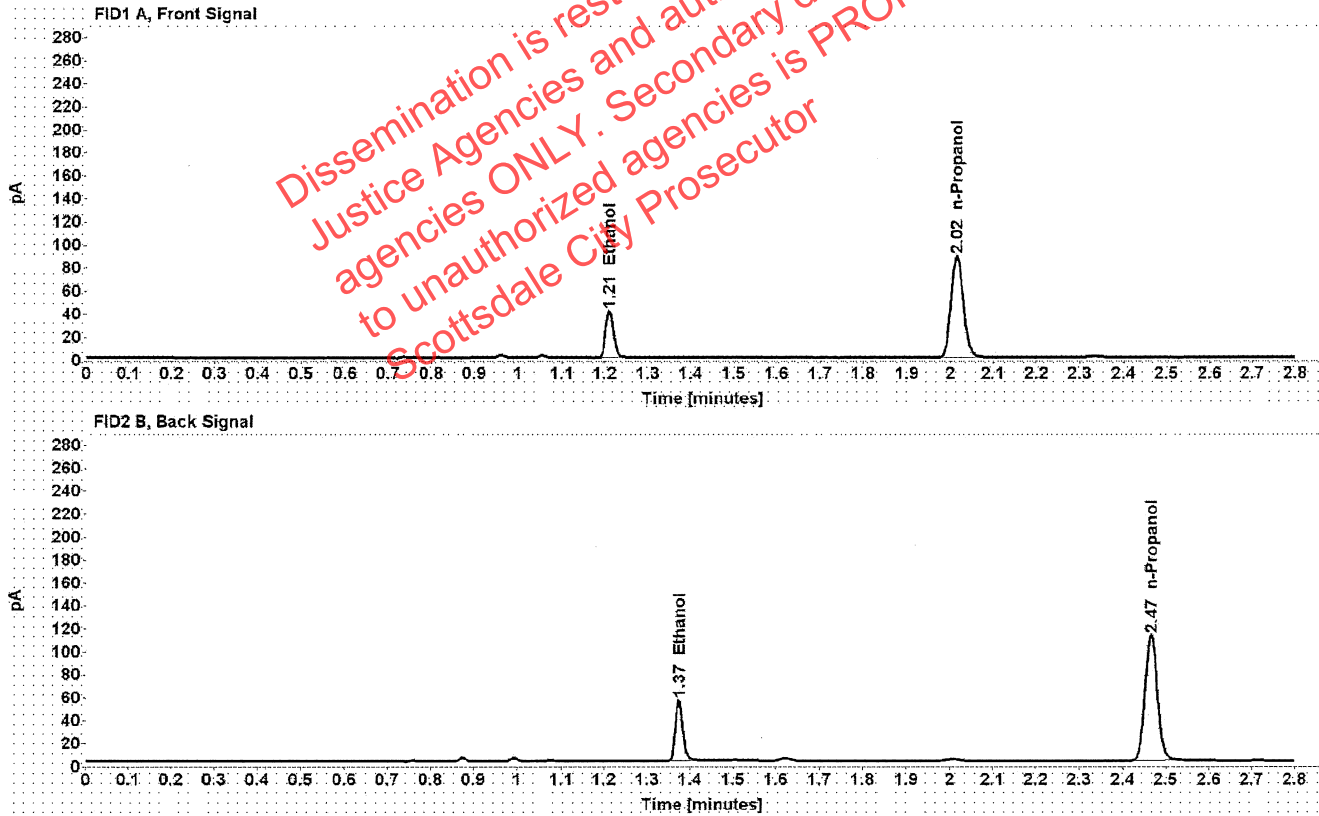


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0825	1.210	52.072
n-Propanol	-----	2.015	175.921

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

Compound	Time (min)	Peak Area
Ethanol	1.374	65.425
n-Propanol	2.466	221.112

[REDACTED] : Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701O	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:08:28 PM
Data file:	C:\Chem32\1\Data\28Sep21\19.D	Analyst:	Brooke

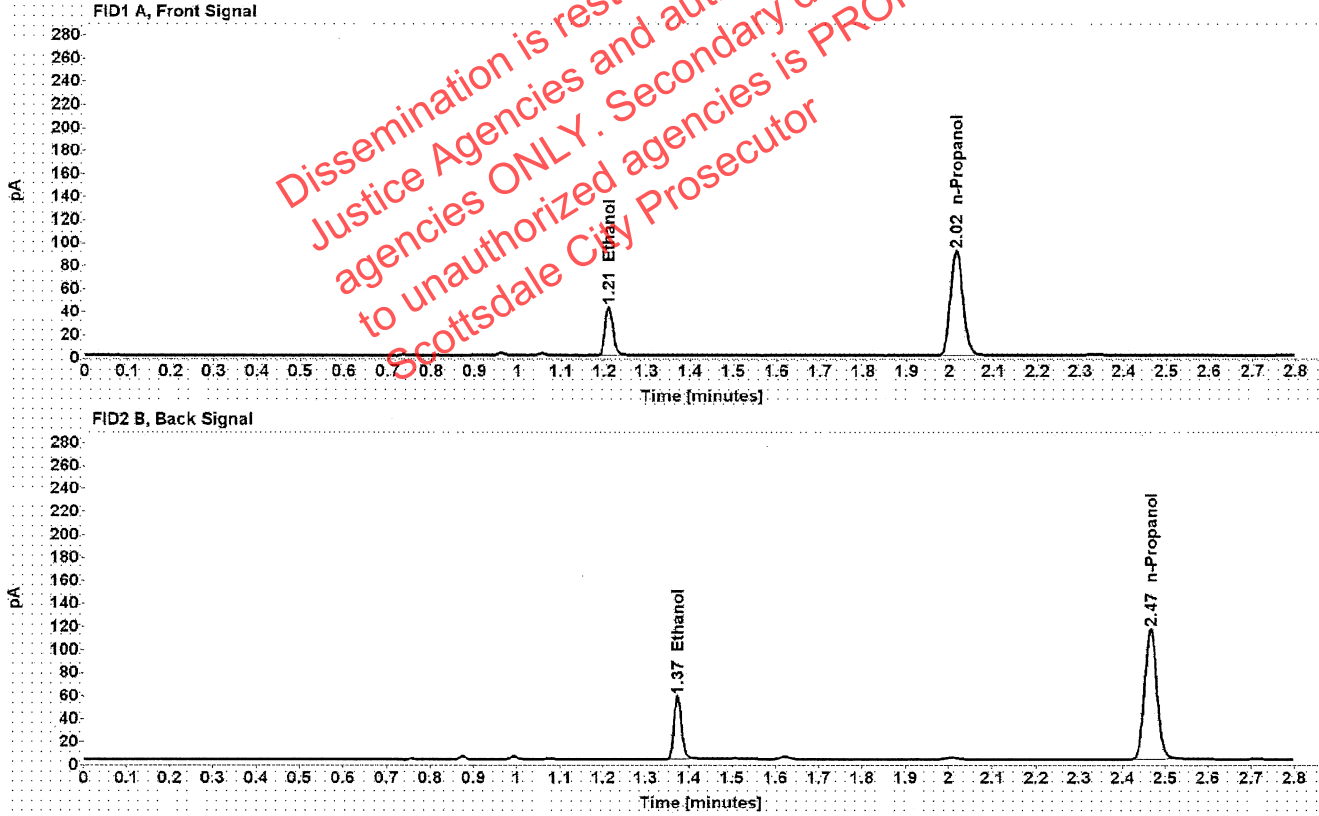


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0829	1.210	54.153
n-Propanol	-----	2.015	182.023

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

Compound	Time (min)	Peak Area
Ethanol	1.374	67.621
n-Propanol	2.465	228.678



Brooke, Phillip - (29-Sep-2021)

Case: User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601RD	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:16:29 PM
Data file:	C:\Chem32\1\Data\28Sep21\21.D	Analyst:	Brooke

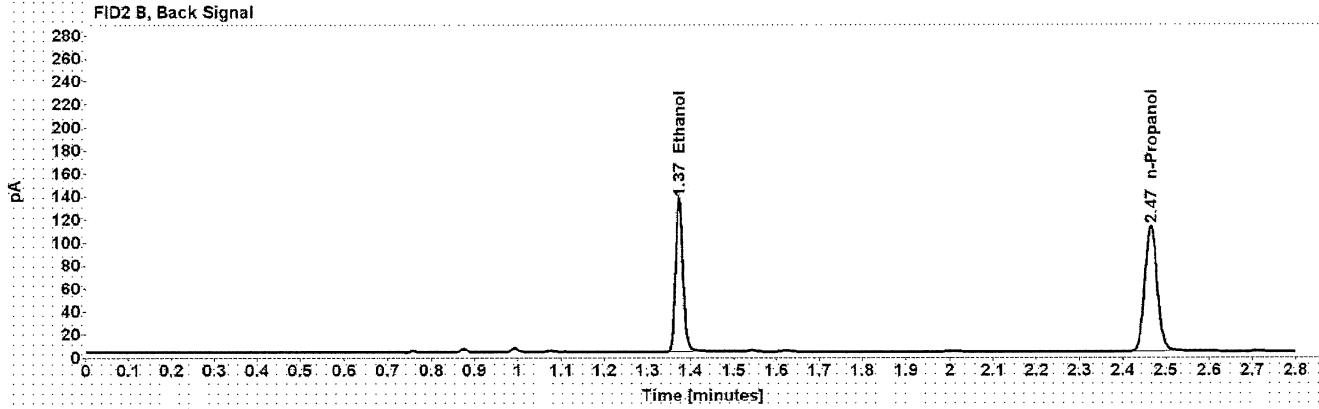
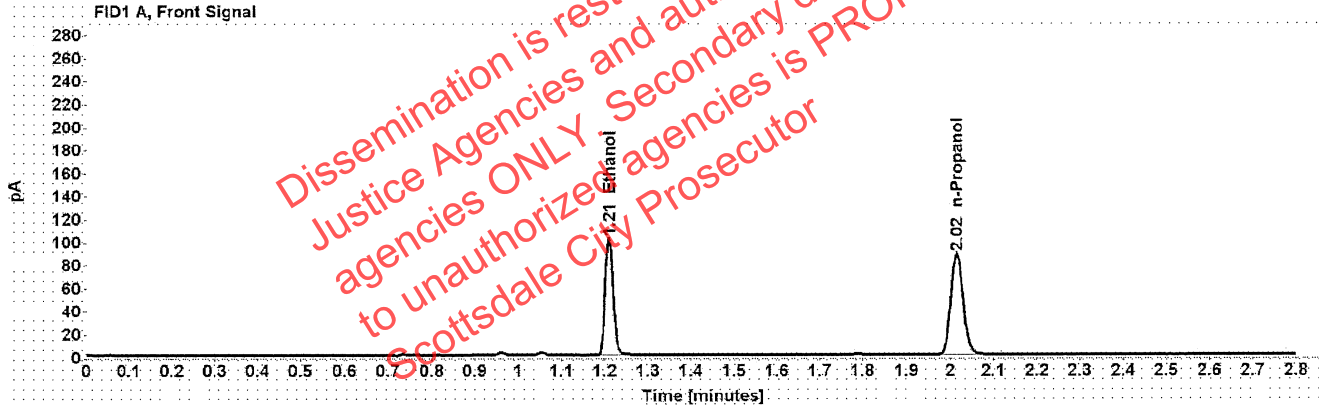


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.209	129.435
n-Propanol	-----	2.015	174.224

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

Compound	Time (min)	Peak Area
Ethanol	1.373	163.305
n-Propanol	2.465	219.844

[REDACTED] : Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601RD	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:20:28 PM
Data file:	C:\Chem32\1\Data\28Sep21\22.D	Analyst:	Brooke

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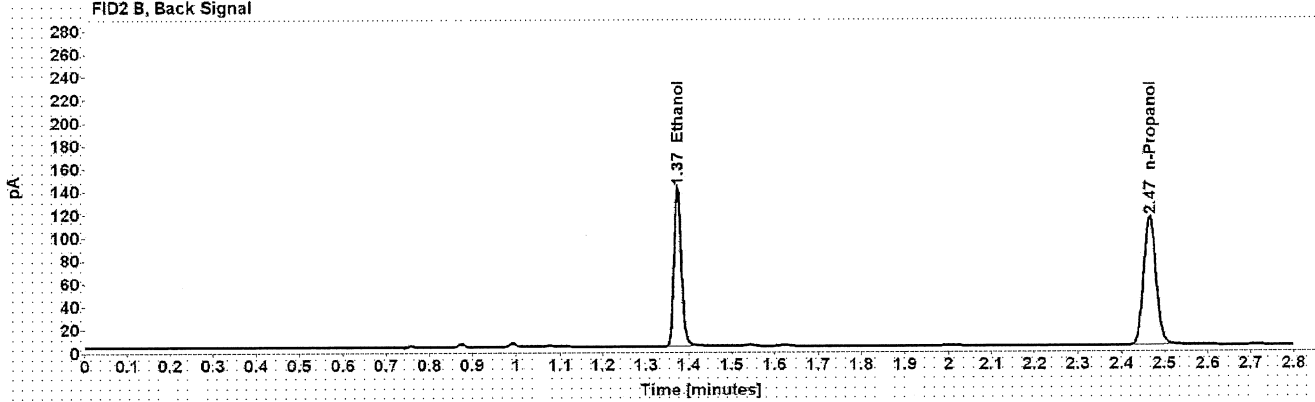
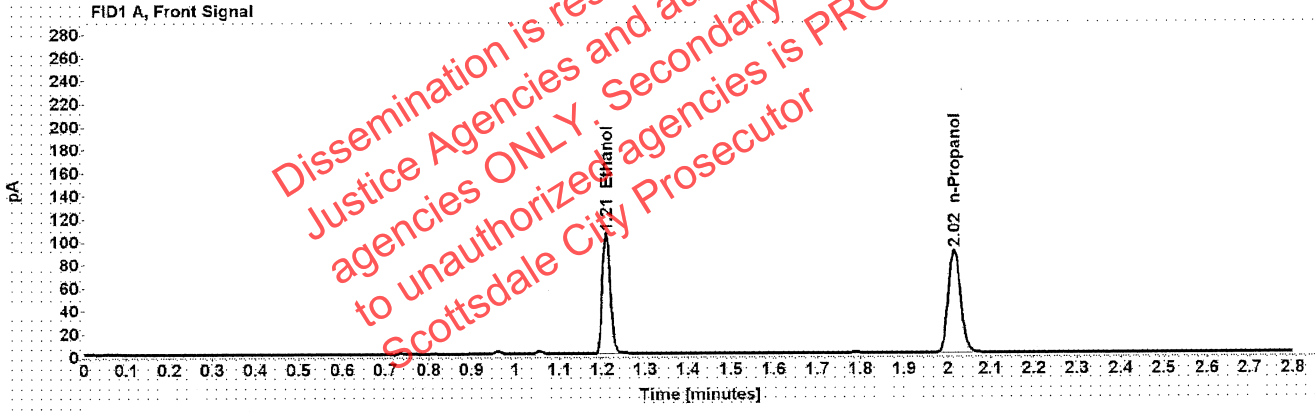


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2054	1.209	133.638
n-Propanol	-----	2.015	178.259

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

Compound	Time (min)	Peak Area
Ethanol	1.373	168.604
n-Propanol	2.465	224.842

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347705	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:24:28 PM
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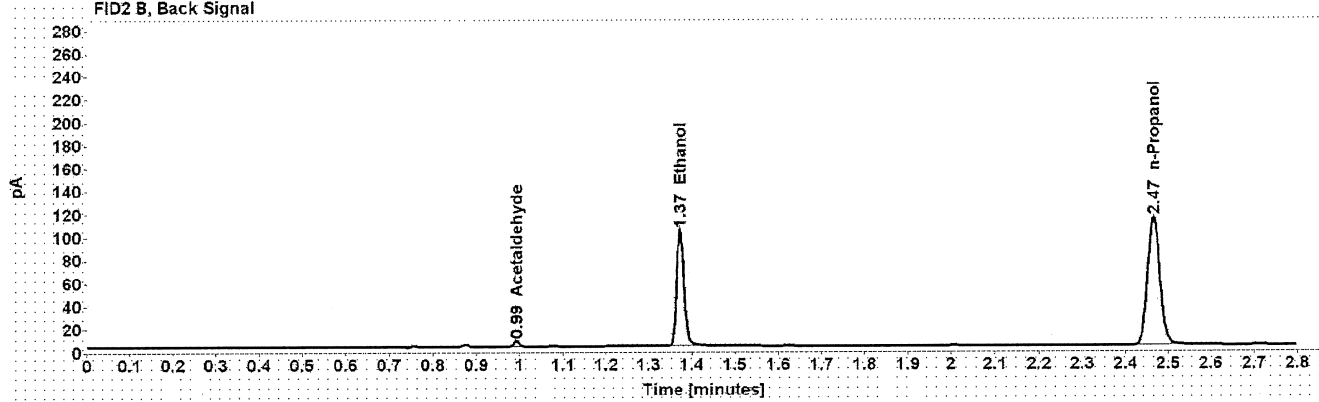
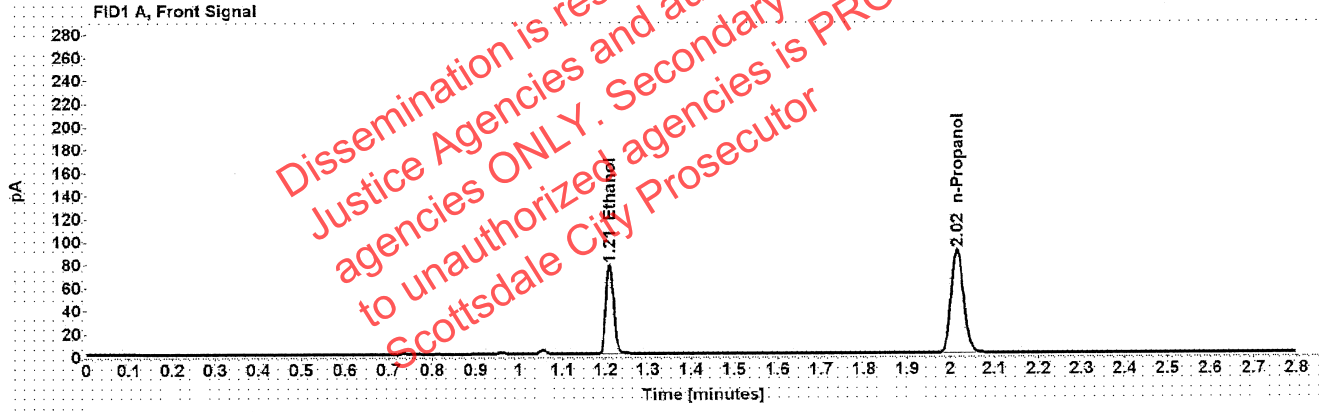


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1521	1.210	98.275
n-Propanol	-----	2.015	177.770

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.688
Ethanol	1.373	124.315
n-Propanol	2.466	224.260

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1347705	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:28:29 PM
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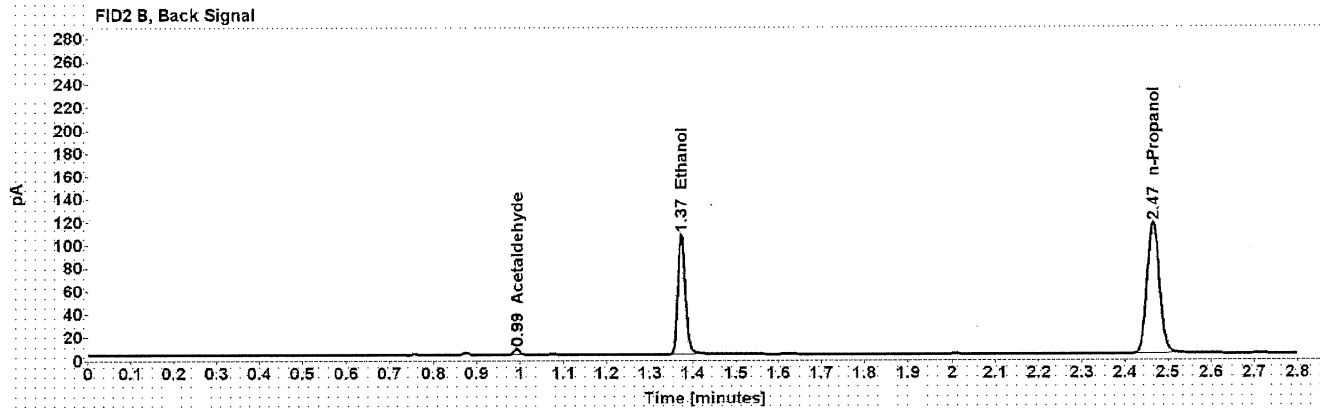
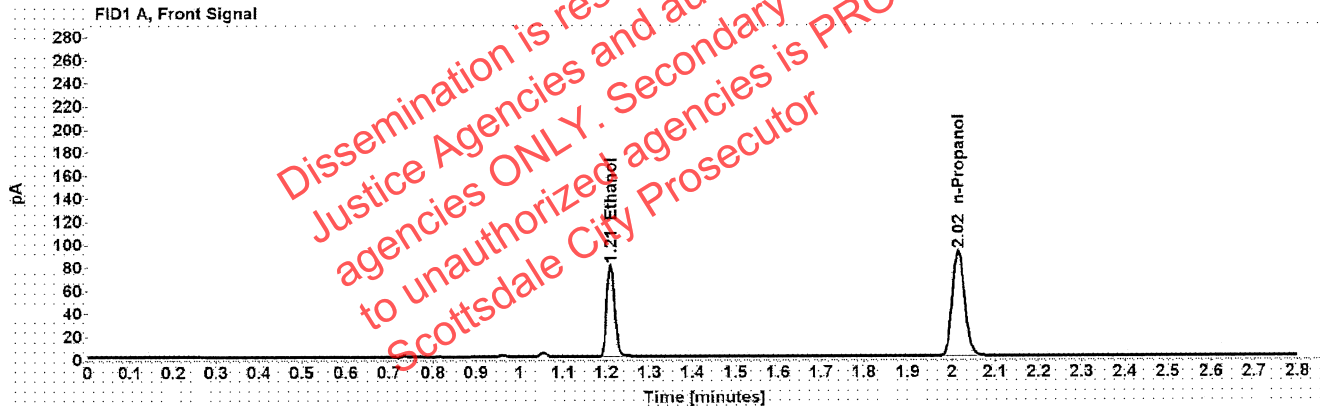


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1533	1.210	101.426
n-Propanol	-----	2.015	182.002

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.707
Ethanol	1.373	127.946
n-Propanol	2.466	229.555

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1389452	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:32:43 PM
Data file:	C:\Chem3211\Data\28Sep21\25.D	Analyst:	Brooke

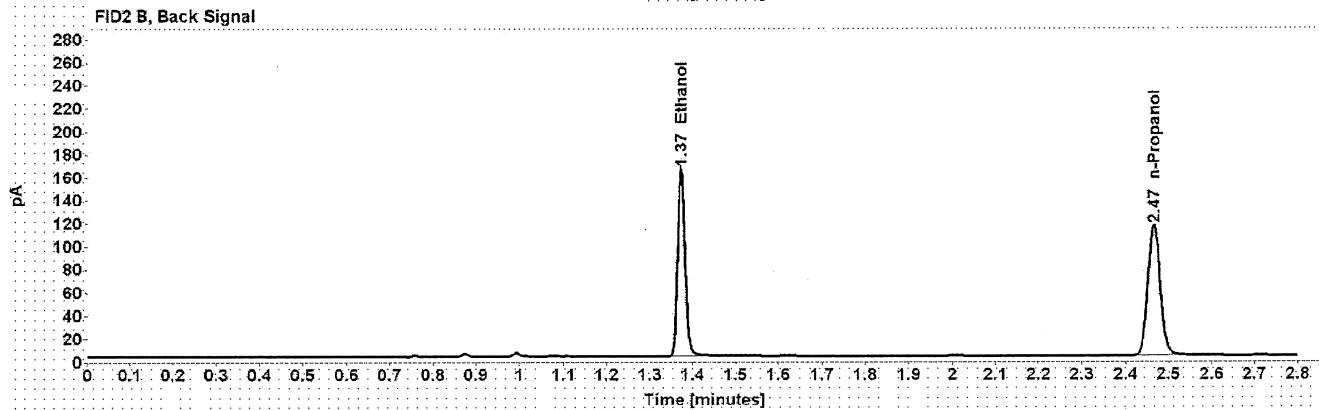
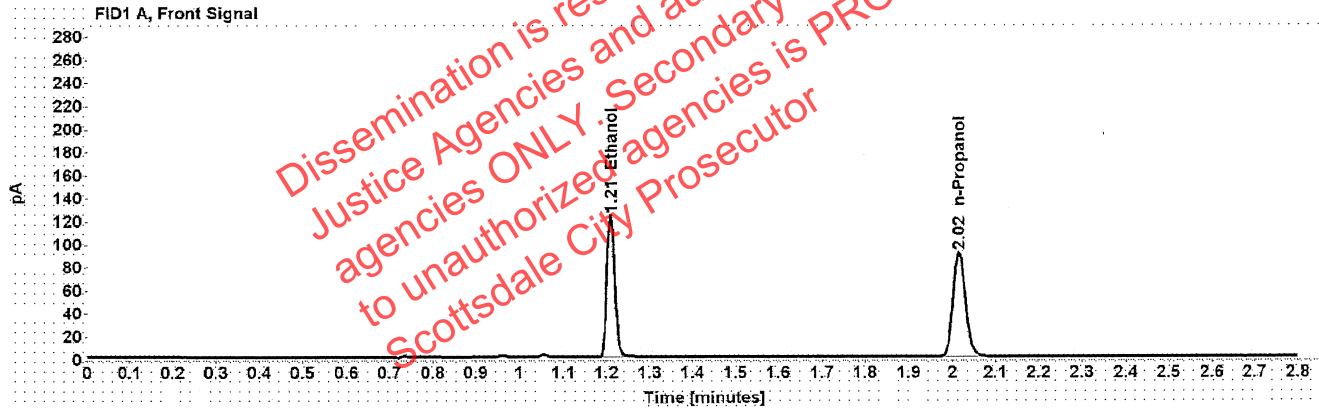


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2391	1.209	157.411
n-Propanol	-----	2.015	180.110

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

Compound	Time (min)	Peak Area
Ethanol	1.373	200.259
n-Propanol	2.466	227.175

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1389452	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:36:43 PM
Data file:	C:\Chem32\1\Data\28Sep21\26.D	Analyst:	Brooke

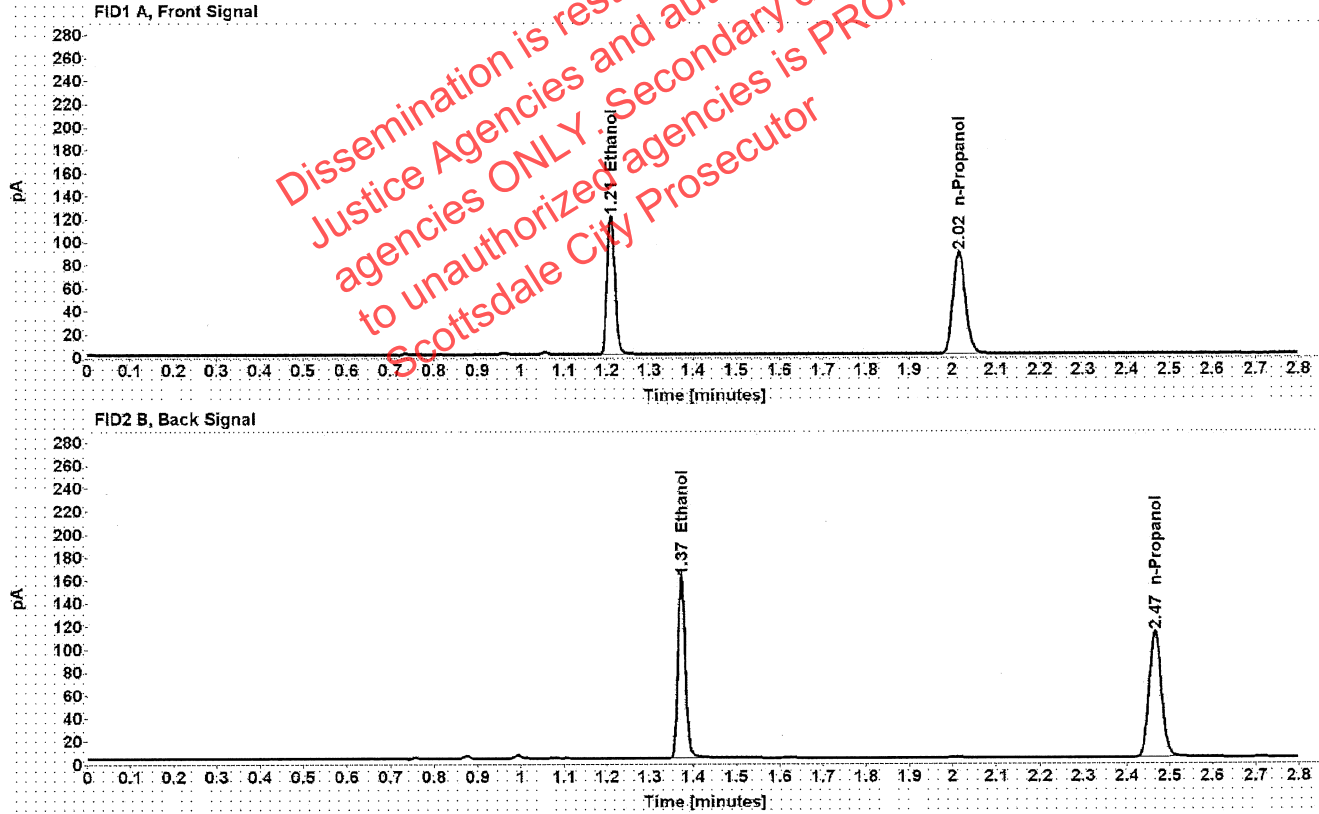


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2375	1.209	152.336
n-Propanol	-----	2.015	175.477

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

Compound	Time (min)	Peak Area
Ethanol	1.373	194.153
n-Propanol	2.466	221.239

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1385825	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:40:43 PM
Data file:	C:\Chem32\1\Data\28Sep21\27.D	Analyst:	Brooke

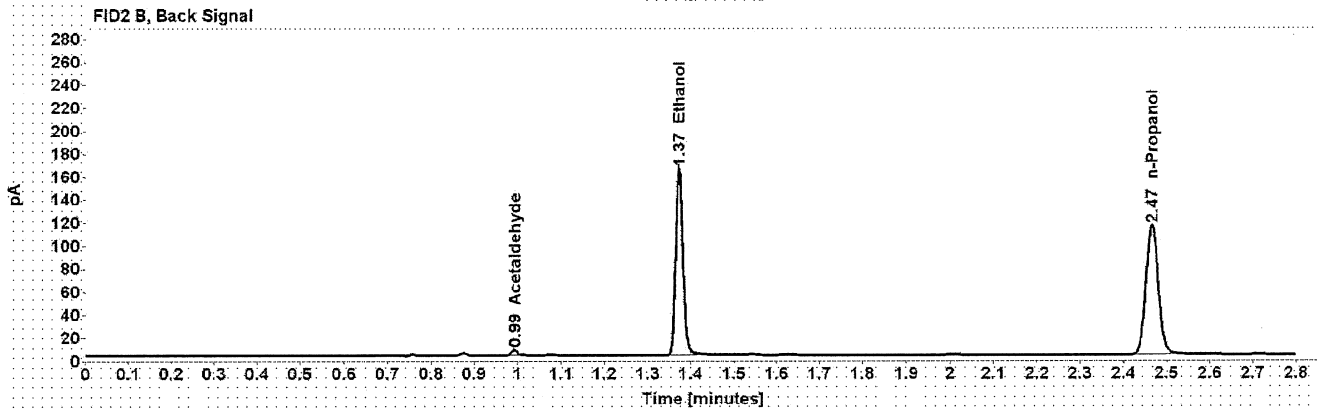
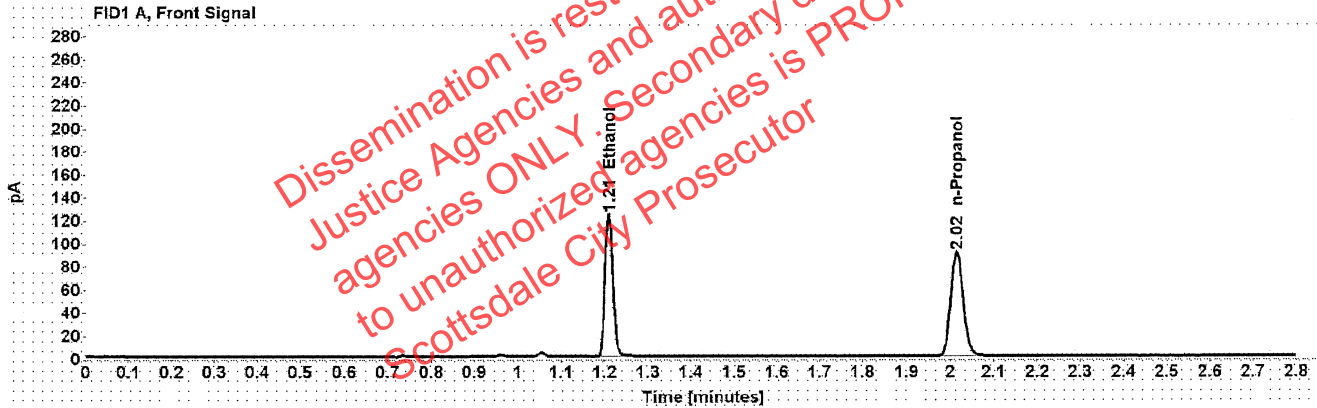


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2389	1.209	156.973
n-Propanol	-----	2.015	179.712

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.468
Ethanol	1.373	198.876
n-Propanol	2.466	226.559

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1385825	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:44:43 PM
Data file:	C:\Chem32\1\Data\28Sep21\28.D	Analyst:	Brooke

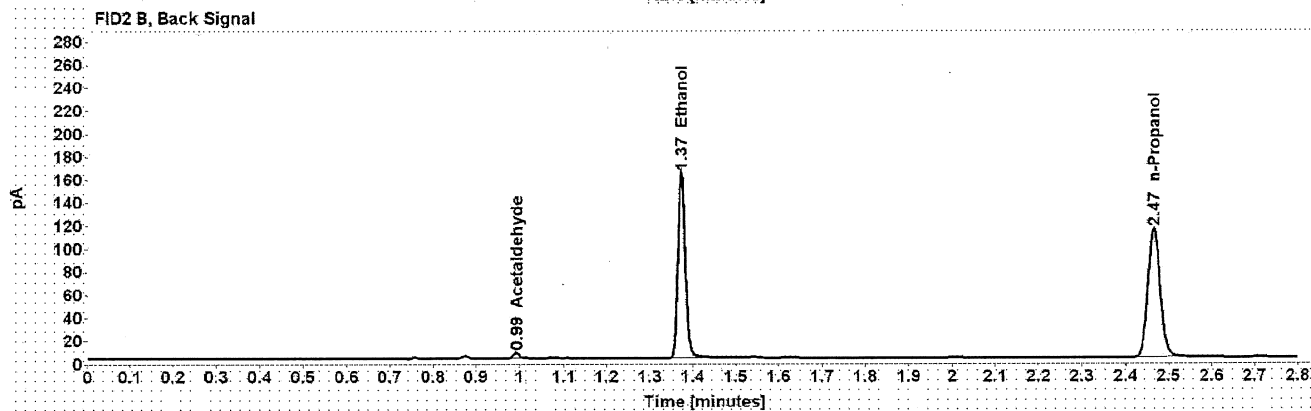
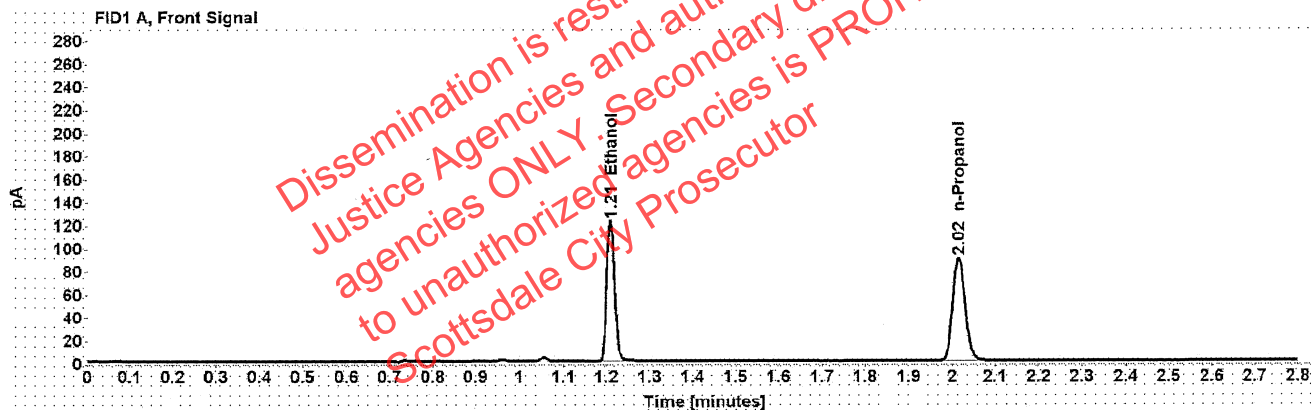


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2390	1.209	156.055
n-Propanol	-----	2.015	178.631

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.489
Ethanol	1.373	198.935
n-Propanol	2.465	225.096



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1389936	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:48:43 PM
Data file:	C:\Chem32\1\Data\28Sep21\29.D	Analyst:	Brooke

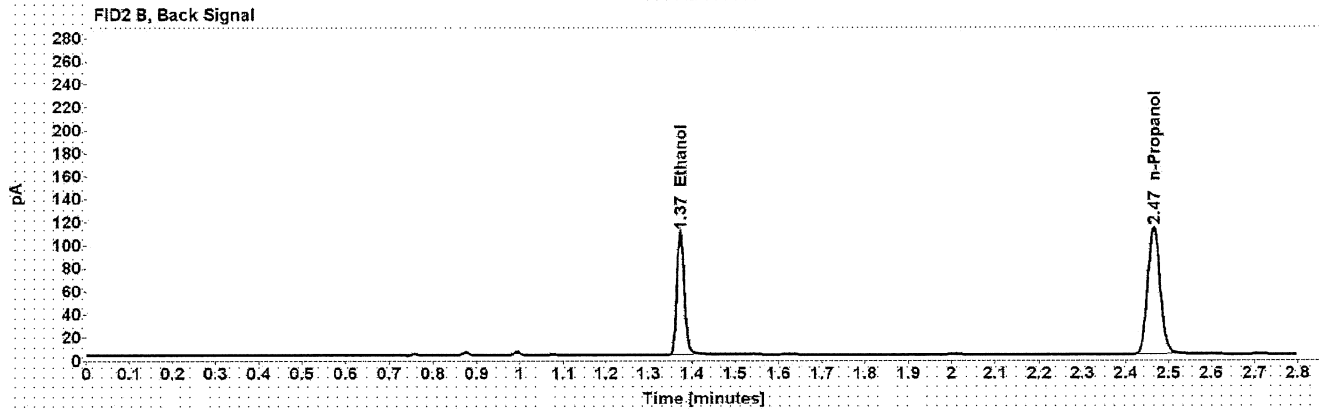
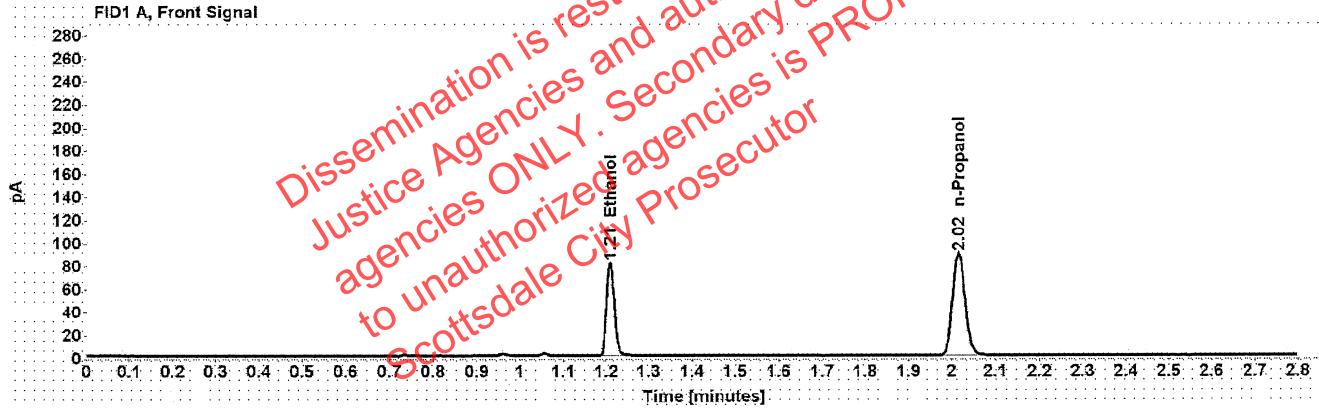


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1613	1.210	103.696
n-Propanol	-----	2.015	176.628

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

Compound	Time (min)	Peak Area
Ethanol	1.373	130.879
n-Propanol	2.465	222.389

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1389936	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 8:52:44 PM
Data file:	C:\Chem32\1\Data\28Sep21\30.D	Analyst:	Brooke

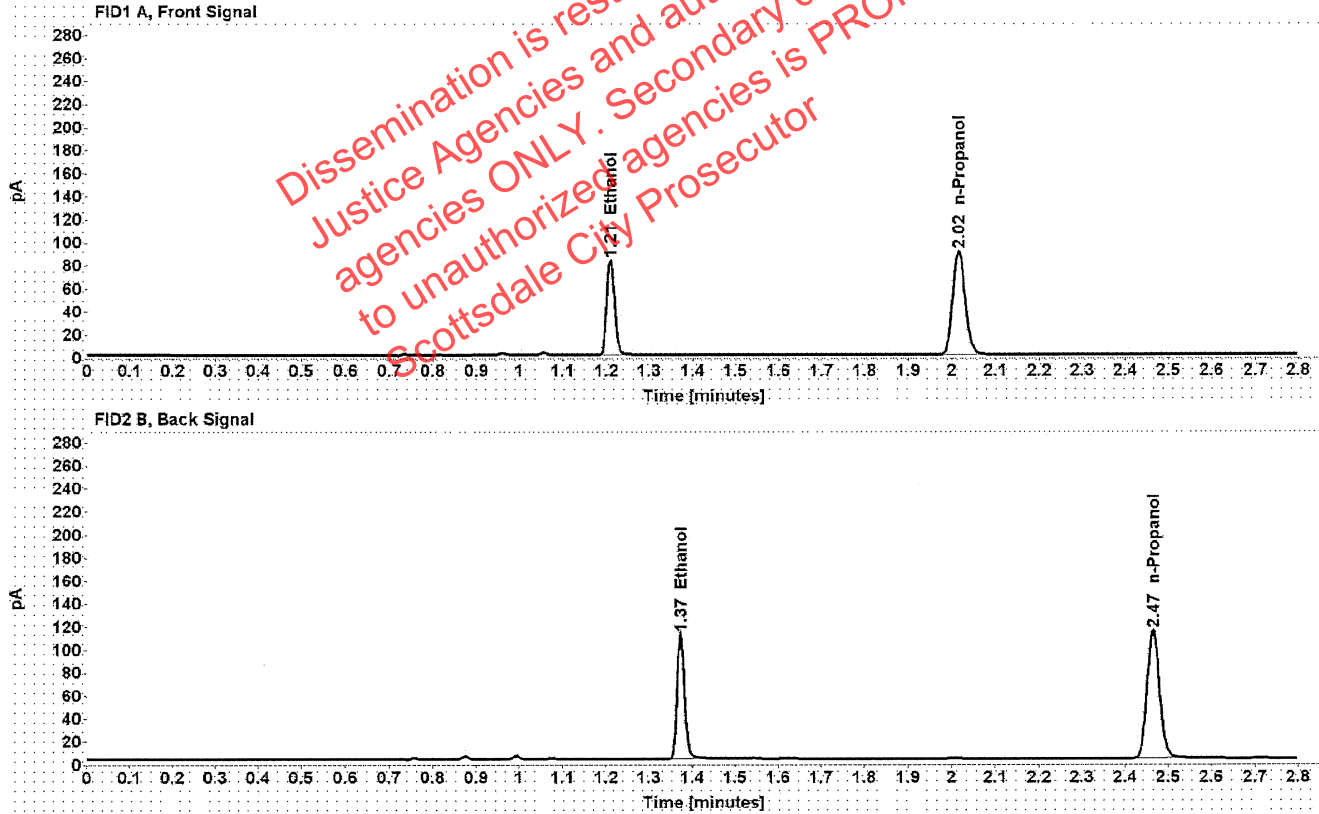


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1624	1.209	105.747
n-Propanol	-----	2.015	178.931

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

Compound	Time (min)	Peak Area
Ethanol	1.373	133.343
n-Propanol	2.465	225.276

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1356741	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:00:58 PM
Data file:	C:\Chem32\1\Data\28Sep21\32.D	Analyst:	Brooke

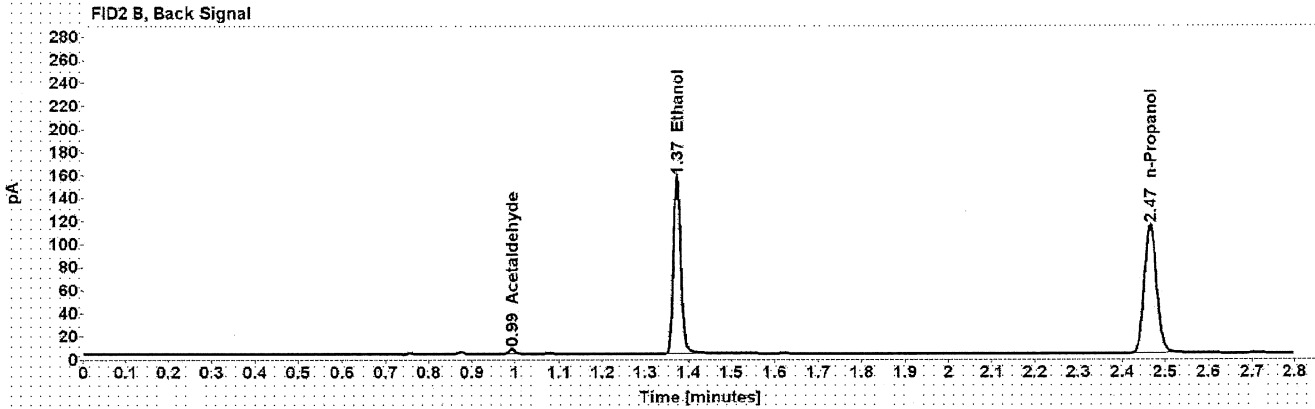
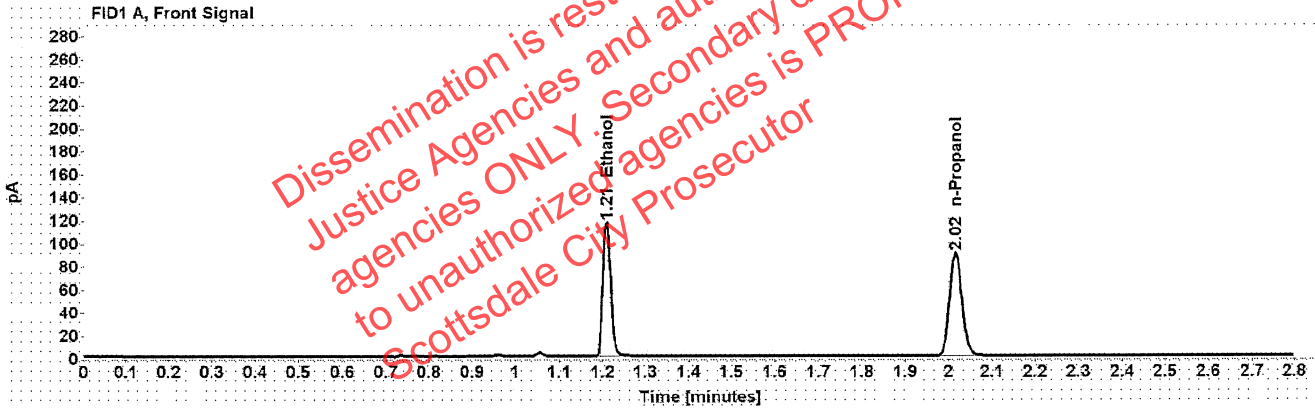


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2283	1.209	148.890
n-Propanol	-----	2.015	178.513

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.241
Ethanol	1.373	188.574
n-Propanol	2.466	224.672

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1356741	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:04:59 PM
Data file:	C:\Chem32\1\Data\28Sep21\33.D	Analyst:	Brooke

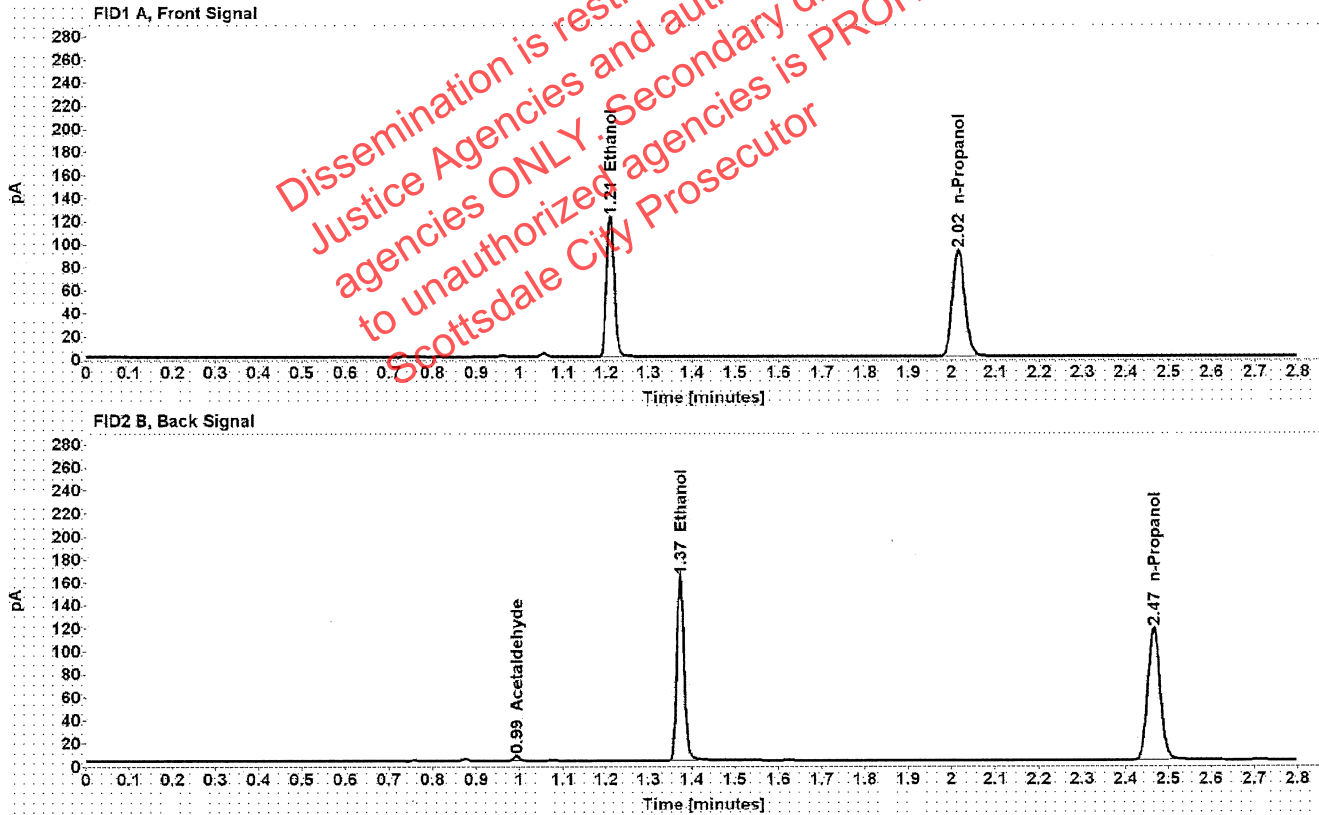


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2307	1.209	155.036
n-Propanol	-----	2.015	183.873

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.196
Ethanol	1.373	196.318
n-Propanol	2.466	231.412

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1390078	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:08:59 PM
Data file:	C:\Chem32\1\Data\28Sep21\34.D	Analyst:	Brooke

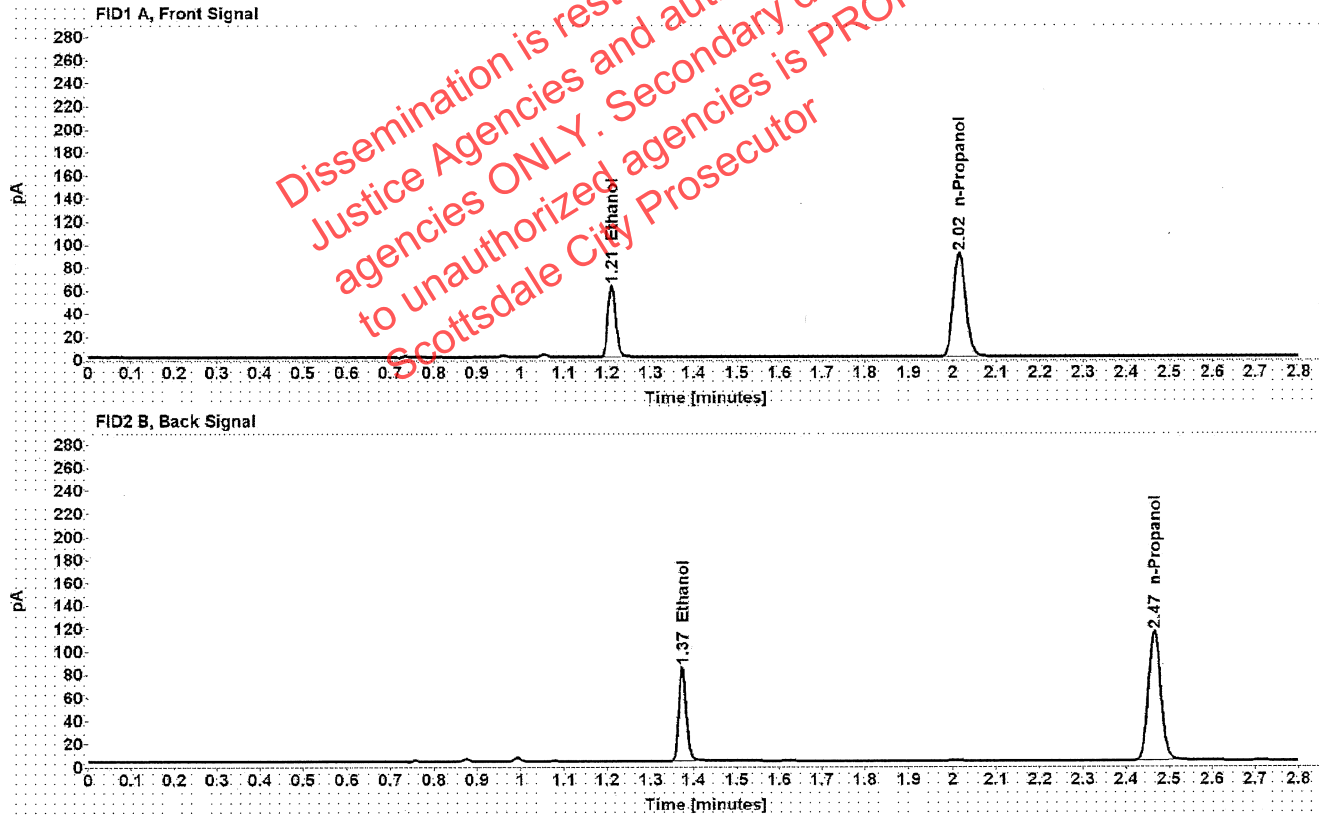


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1219	1.210	79.198
n-Propanol	-----	2.015	179.313

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

Compound	Time (min)	Peak Area
Ethanol	1.374	99.817
n-Propanol	2.466	225.974

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1390078	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:12:59 PM
Data file:	C:\Chem32\1\Data\28Sep21\35.D	Analyst:	Brooke

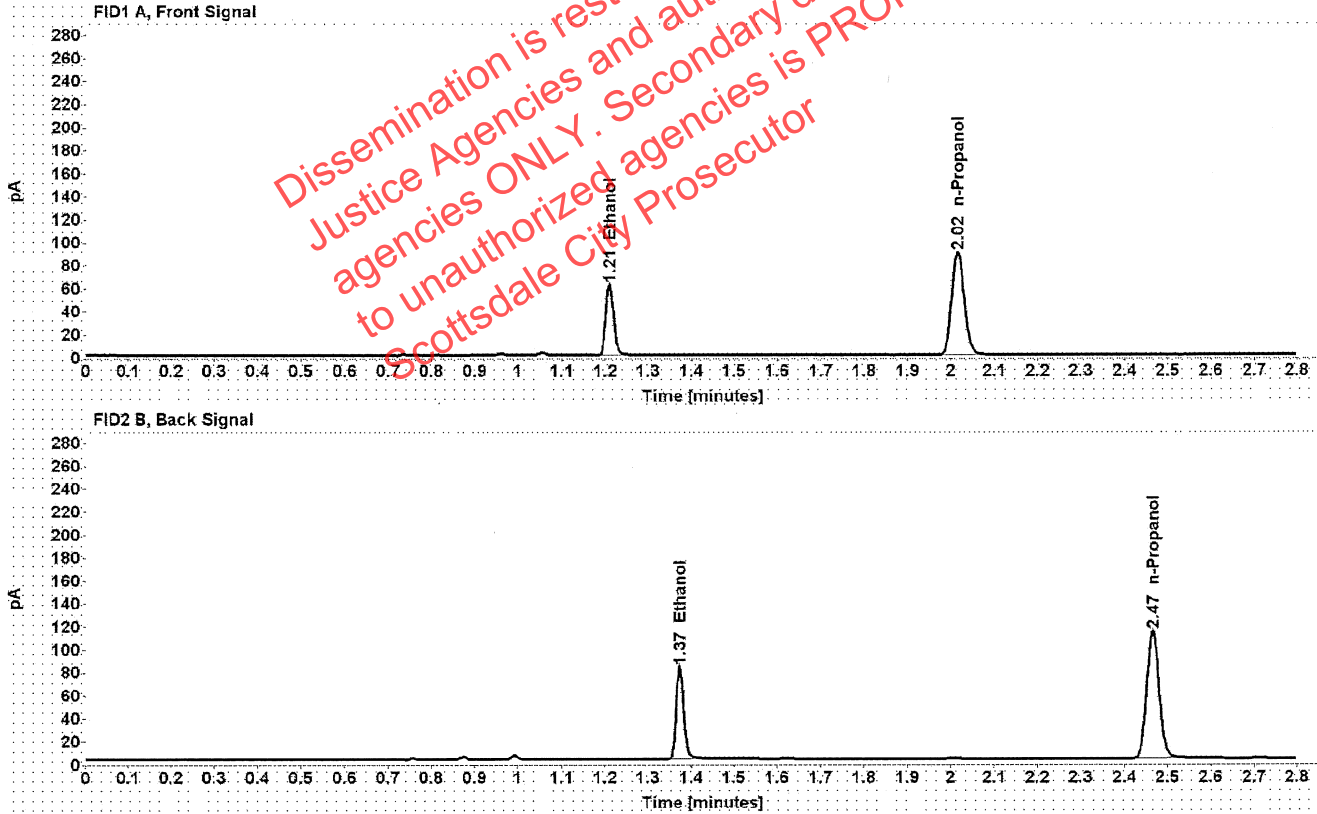


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1215	1.210	78.051
n-Propanol	-----	2.015	177.395

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

Compound	Time (min)	Peak Area
Ethanol	1.374	98.092
n-Propanol	2.466	223.736

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1388365	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:16:59 PM
Data file:	C:\Chem32\1\Data\28Sep21\36.D	Analyst:	Brooke

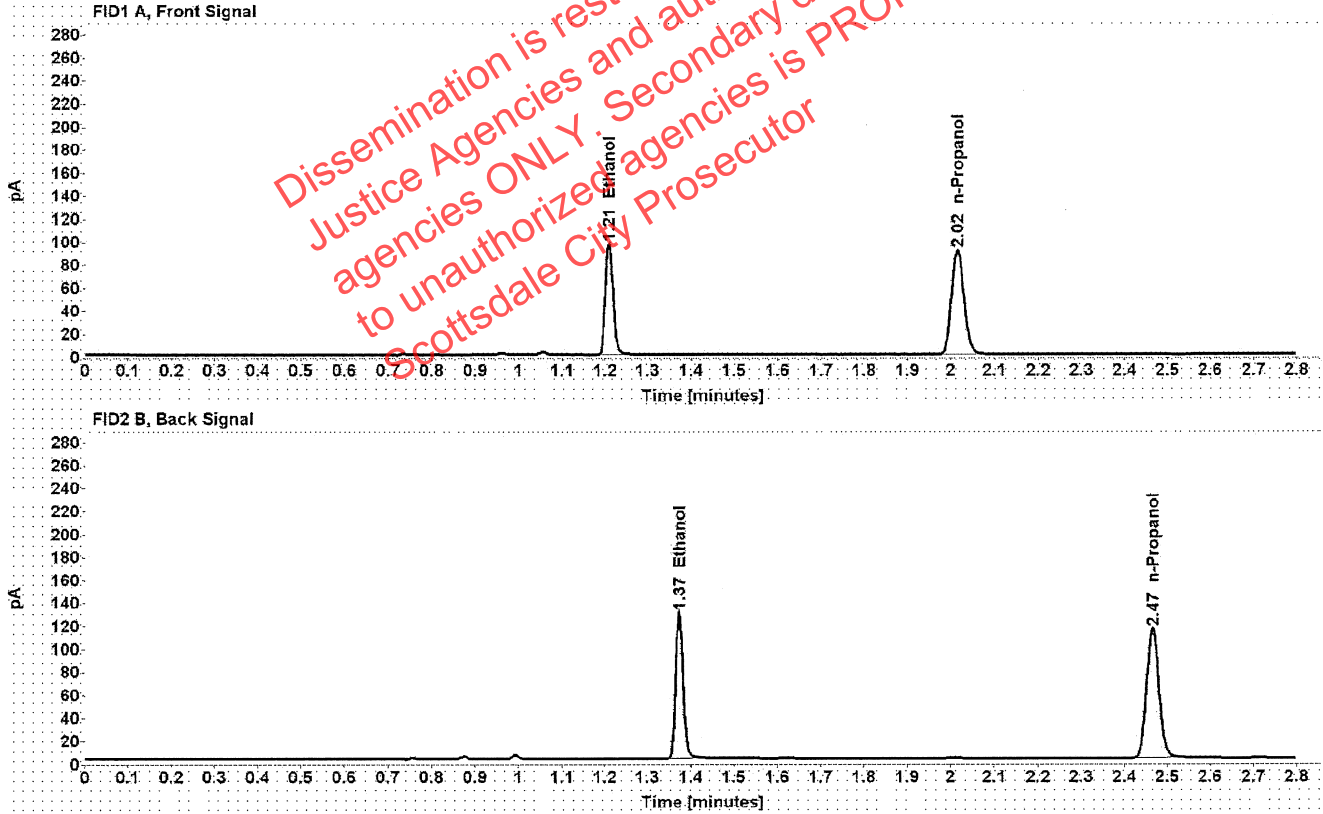


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1881	1.209	123.587
n-Propanol	-----	2.015	180.202

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

Compound	Time (min)	Peak Area
Ethanol	1.373	155.583
n-Propanol	2.465	227.328

[REDACTED]: Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1388365	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:21:13 PM
Data file:	C:\Chem32\1\Data\28Sep21\37.D	Analyst:	Brooke

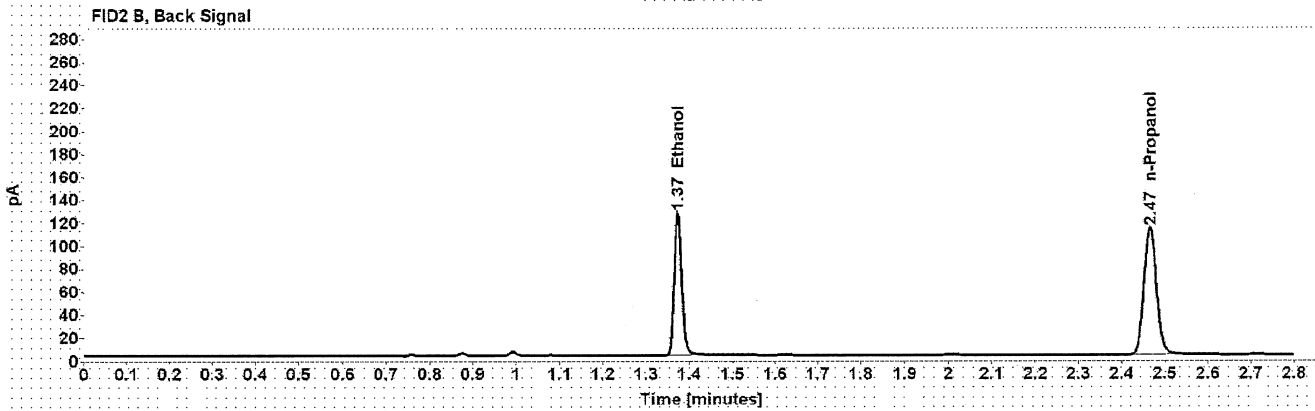
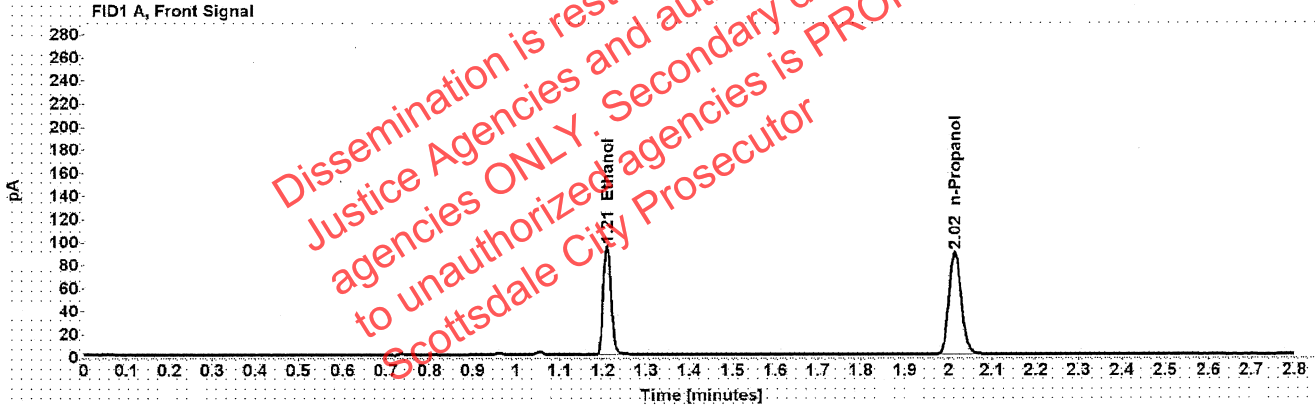


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1871	1.209	120.613
n-Propanol	-----	2.015	176.841

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

Compound	Time (min)	Peak Area
Ethanol	1.373	151.822
n-Propanol	2.465	223.031



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1390168	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:25:14 PM
Data file:	C:\Chem3211\Data\28Sep21\38.D	Analyst:	Brooke

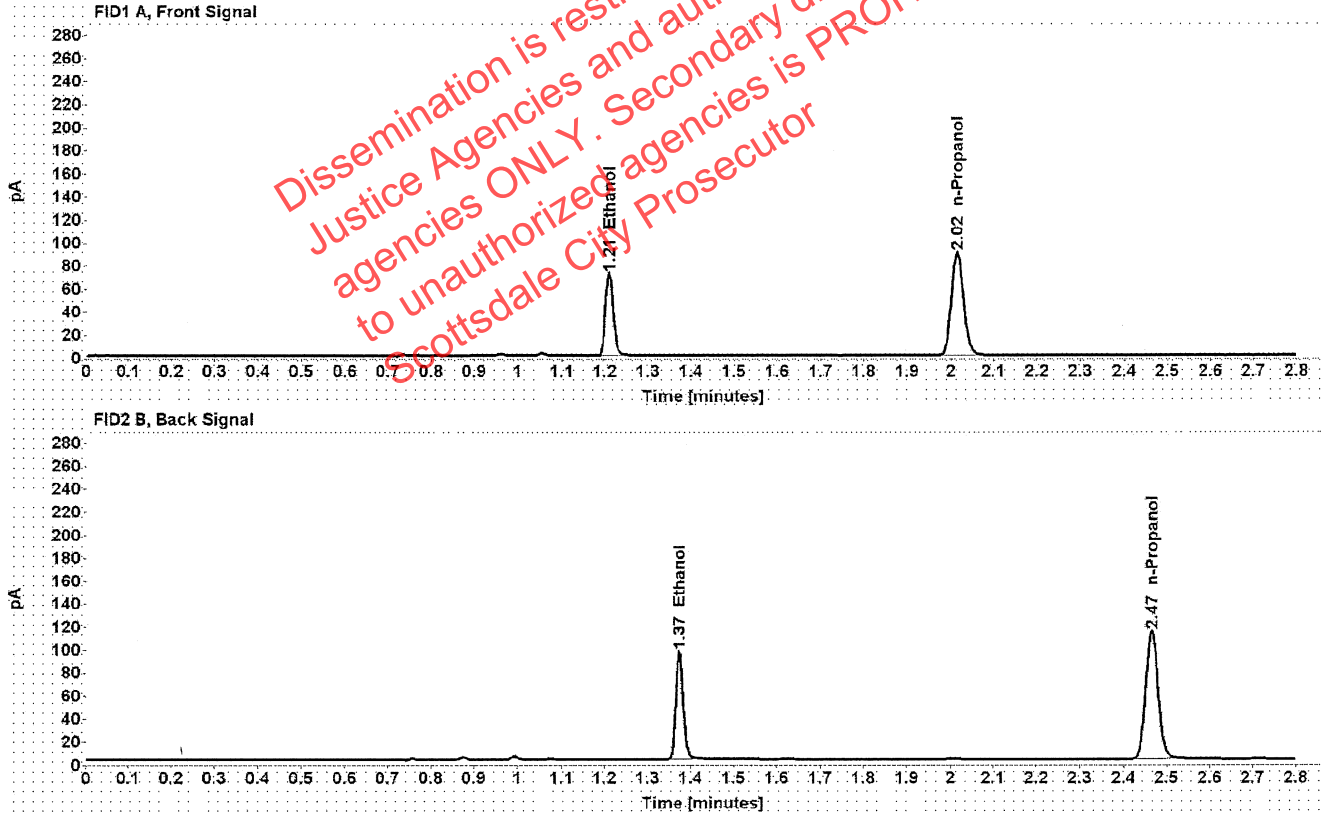


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1411	1.210	91.036
n-Propanol	-----	2.015	177.698

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

Compound	Time (min)	Peak Area
Ethanol	1.373	114.676
n-Propanol	2.466	223.969

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1390168	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:29:14 PM
Data file:	C:\Chem32\1\Data\28Sep21\39.D	Analyst:	Brooke

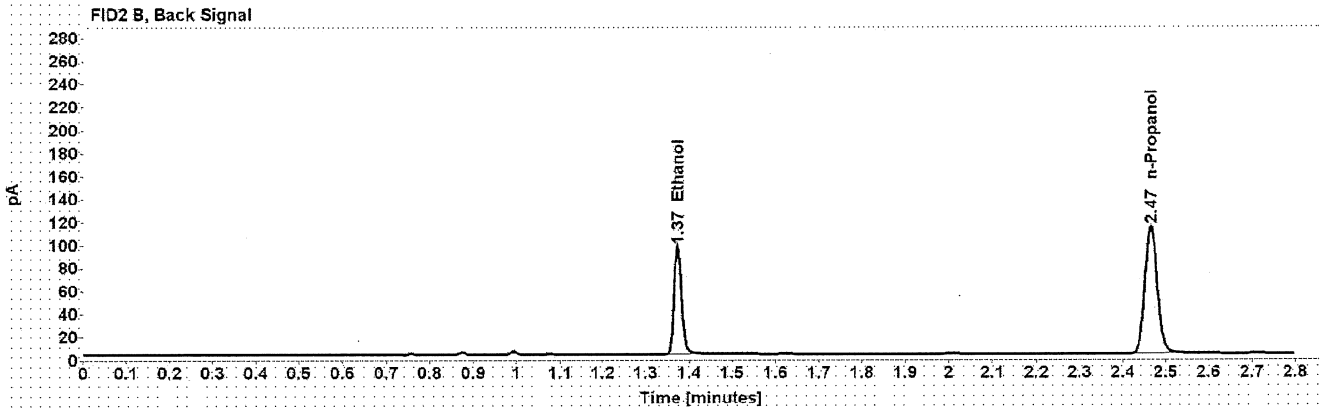
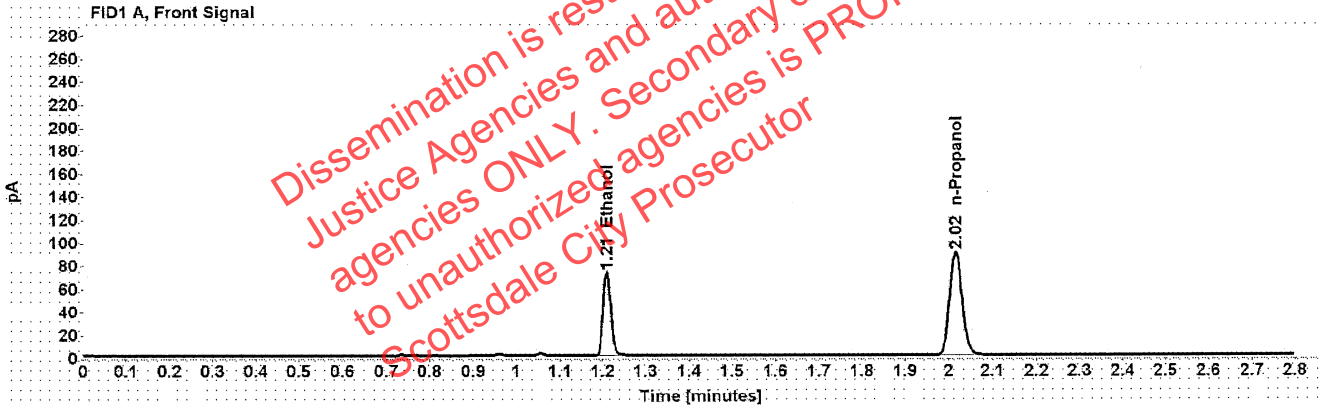


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1418	1.210	91.853
n-Propanol	-----	2.015	178.350

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

Compound	Time (min)	Peak Area
Ethanol	1.373	115.479
n-Propanol	2.466	224.685

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34701HD	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:33:14 PM
Data file:	C:\Chem32\1\Data\28Sep21\40.D	Analyst:	Brooke

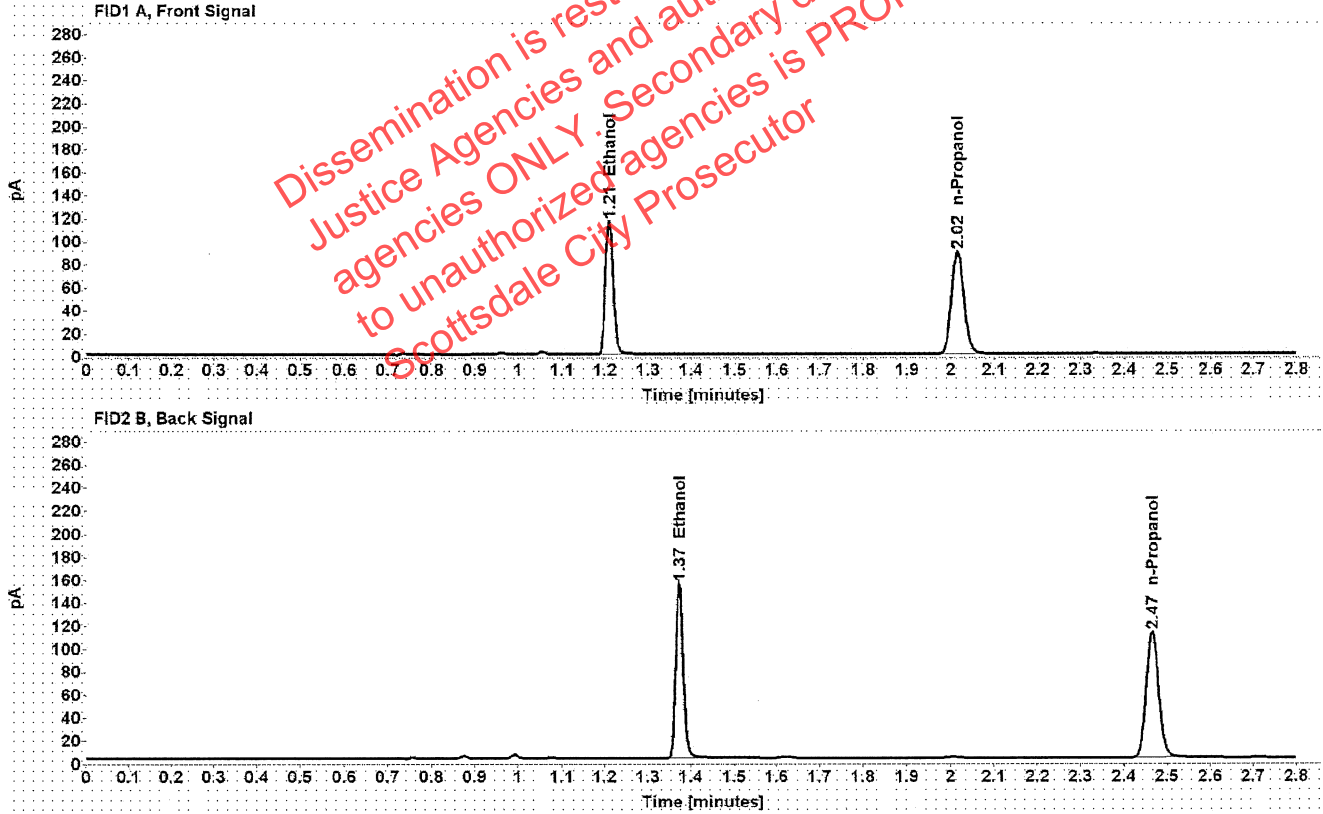


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2296	1.209	147.908
n-Propanol	-----	2.015	176.297

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

Compound	Time (min)	Peak Area
Ethanol	1.373	188.282
n-Propanol	2.466	222.224

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34701HD	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:37:14 PM
Data file:	C:\Chem32\1\Data\28Sep21\41.D	Analyst:	Brooke

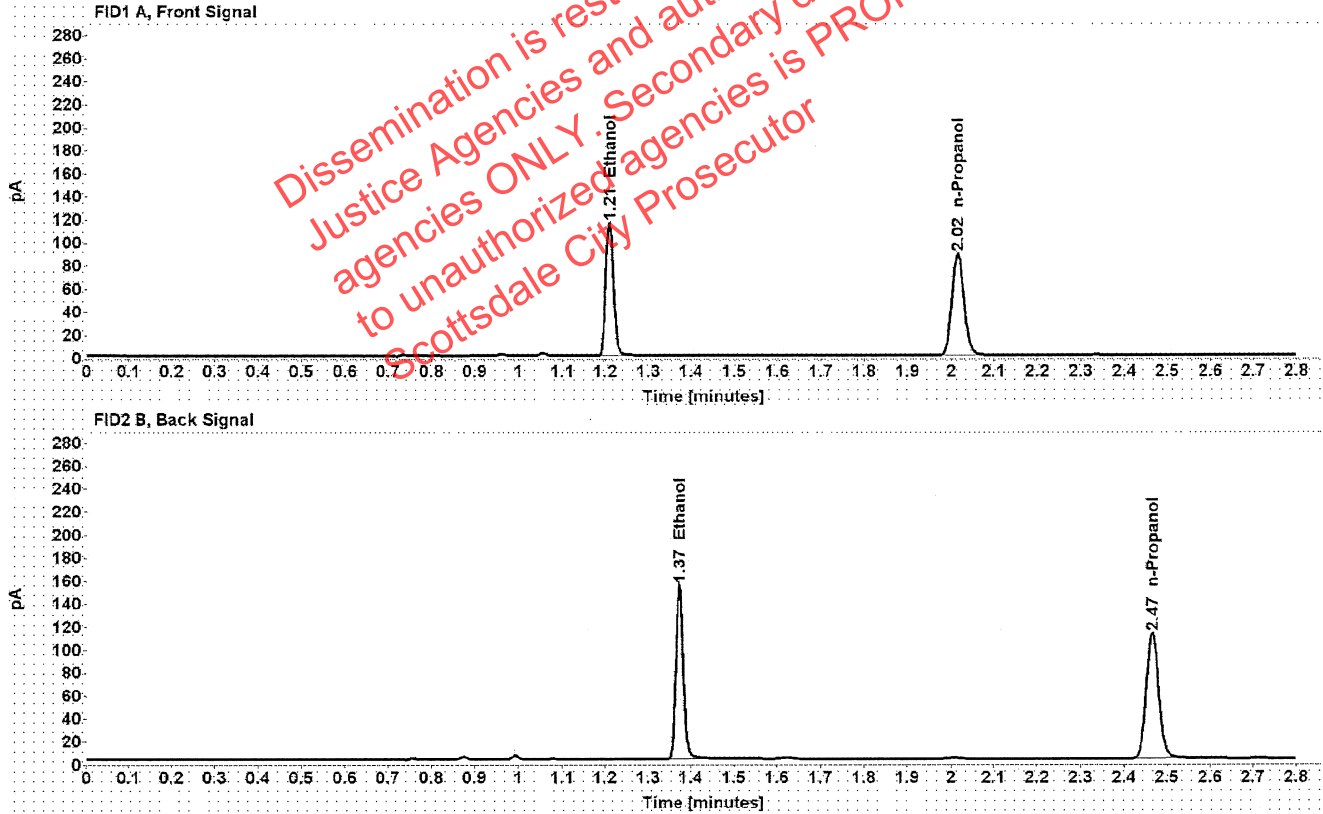


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2298	1.209	146.905
n-Propanol	-----	2.015	174.936

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

Compound	Time (min)	Peak Area
Ethanol	1.373	186.884
n-Propanol	2.466	220.617

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39001CP	Vial:	43
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:45:28 PM
Data file:	C:\Chem32\1\Data\28Sep21\43.D	Analyst:	Brooke

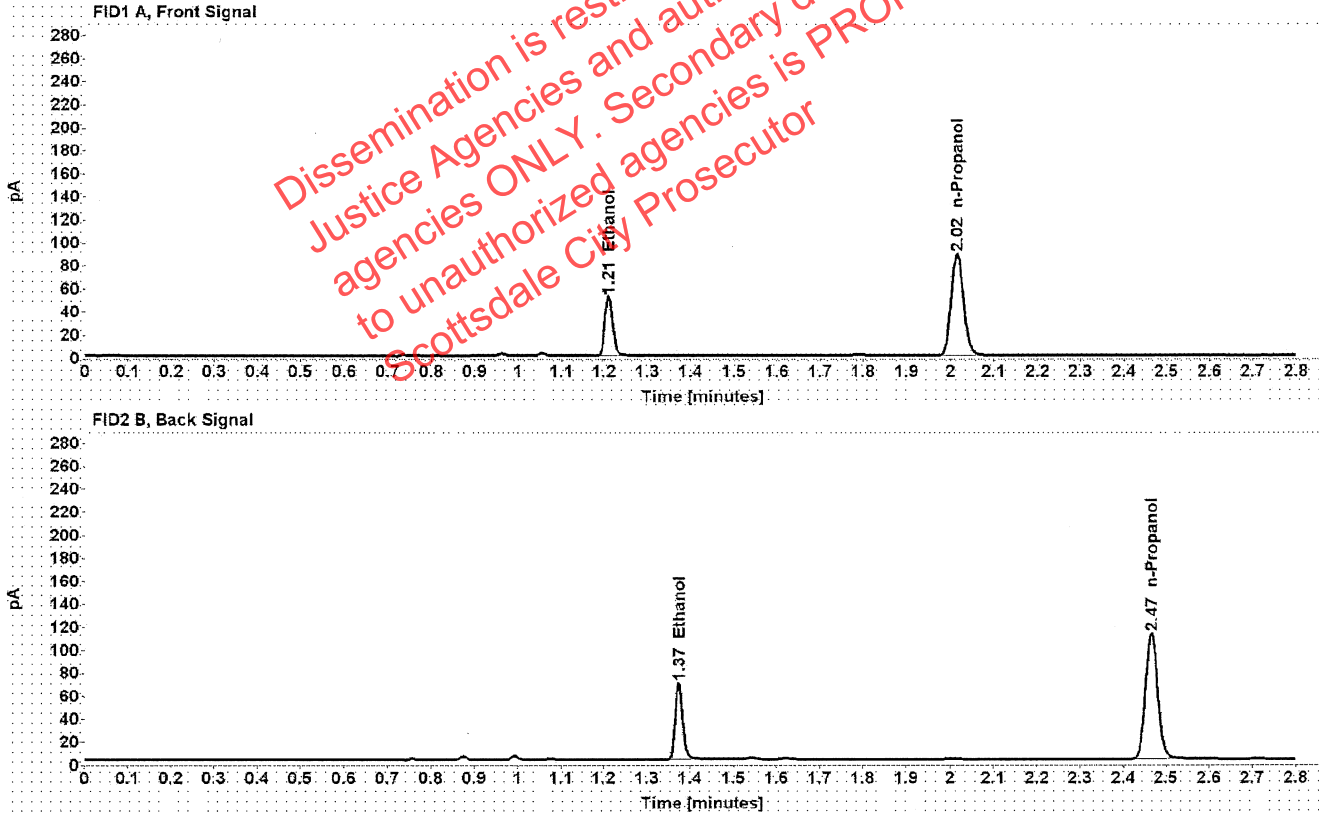


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1030	1.210	65.157
n-Propanol	-----	2.015	175.216

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

Compound	Time (min)	Peak Area
Ethanol	1.374	81.876
n-Propanol	2.466	221.240

[REDACTED] : Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39001CP	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:49:28 PM
Data file:	C:\Chem32\1\Data\28Sep21\44.D	Analyst:	Brooke

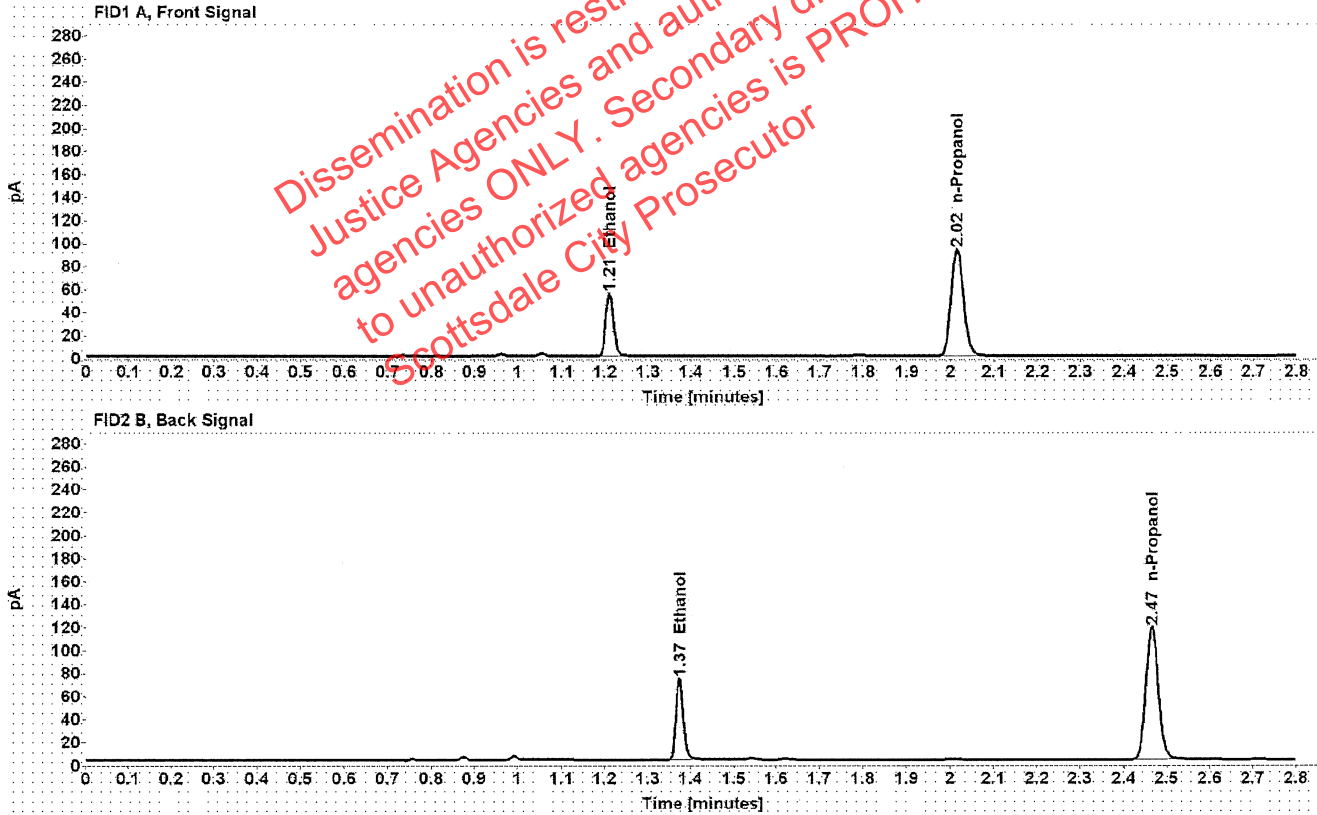


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1040	1.210	69.306
n-Propanol	-----	2.015	184.575

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

Compound	Time (min)	Peak Area
Ethanol	1.374	86.891
n-Propanol	2.466	232.866

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39201EA	Vial:	45
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:53:29 PM
Data file:	C:\Chem32\1\Data\28Sep21\45.D	Analyst:	Brooke

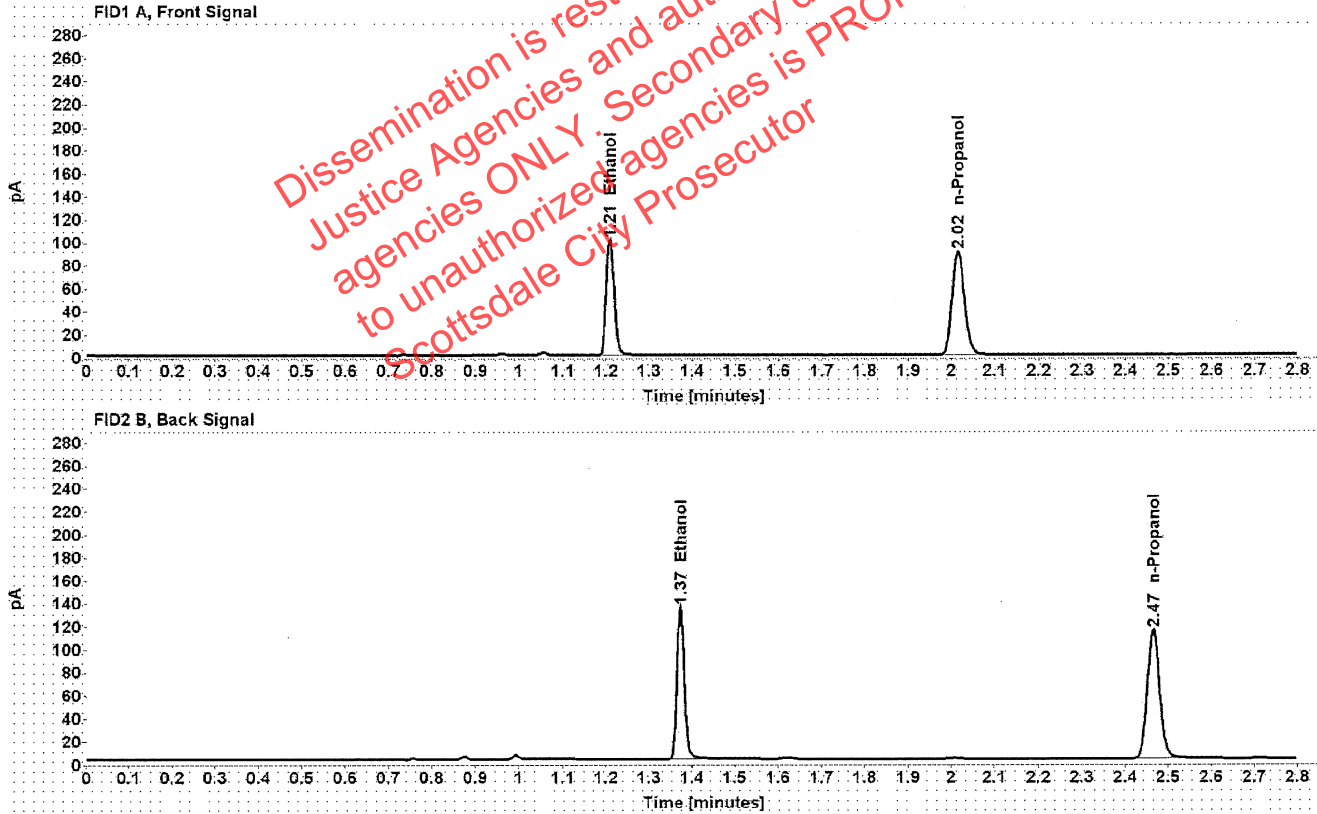


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1962	1.209	128.424
n-Propanol	-----	2.015	179.441

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

Compound	Time (min)	Peak Area
Ethanol	1.373	163.719
n-Propanol	2.465	226.125

[REDACTED]: Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39201EA	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 9:57:29 PM
Data file:	C:\Chem32\1\Data\28Sep21\46.D	Analyst:	Brooke

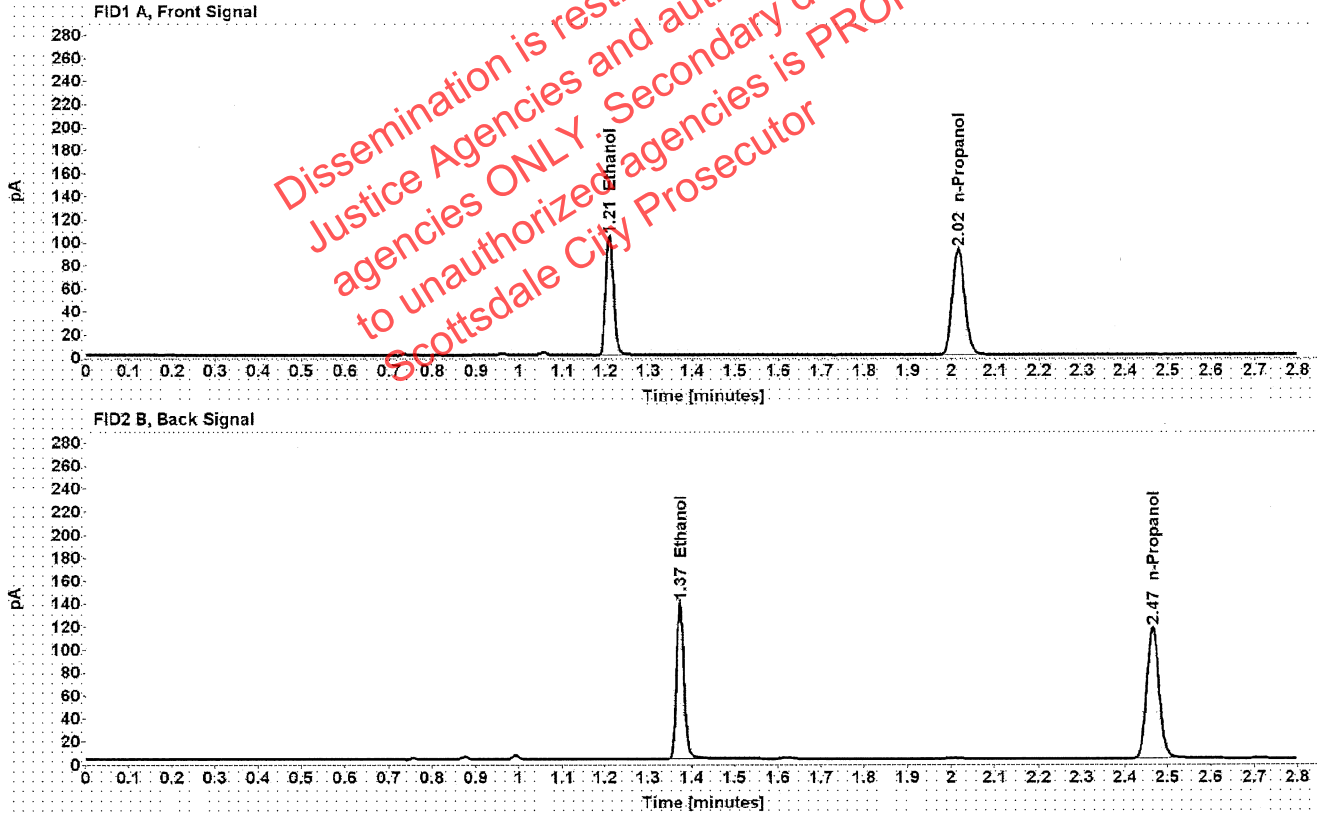


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1978	1.209	131.927
n-Propanol	-----	2.015	182.774

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

Compound	Time (min)	Peak Area
Ethanol	1.373	168.234
n-Propanol	2.465	230.642



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801CH	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 10:01:28 PM
Data file:	C:\Chem32\1\Data\28Sep21\47.D	Analyst:	Brooke

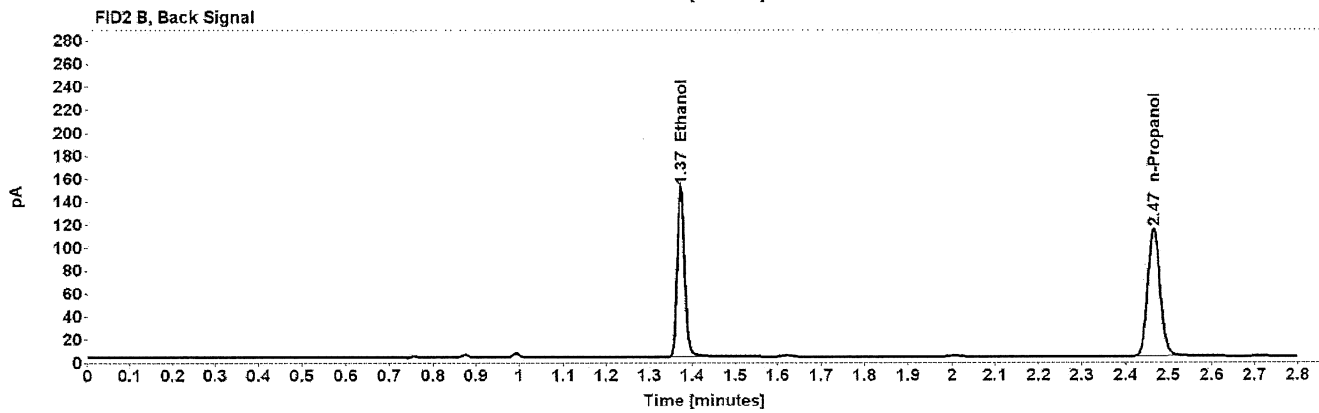
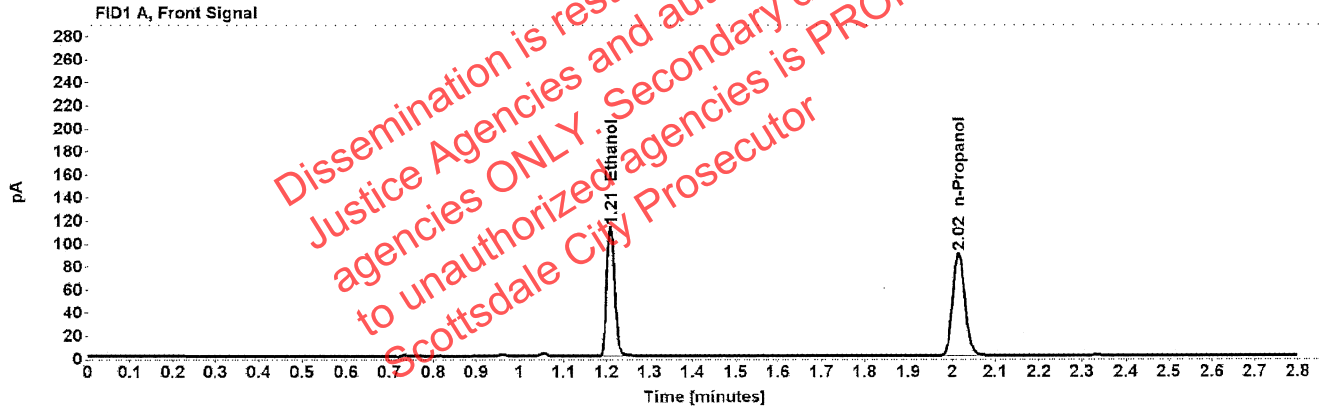


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2215	1.209	143.868
n-Propanol	-----	2.015	177.822

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

Compound	Time (min)	Peak Area
Ethanol	1.373	182.833
n-Propanol	2.465	224.360

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801CH	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 10:05:28 PM
Data file:	C:\Chem32\1\Data\28Sep21\48.D	Analyst:	Brooke

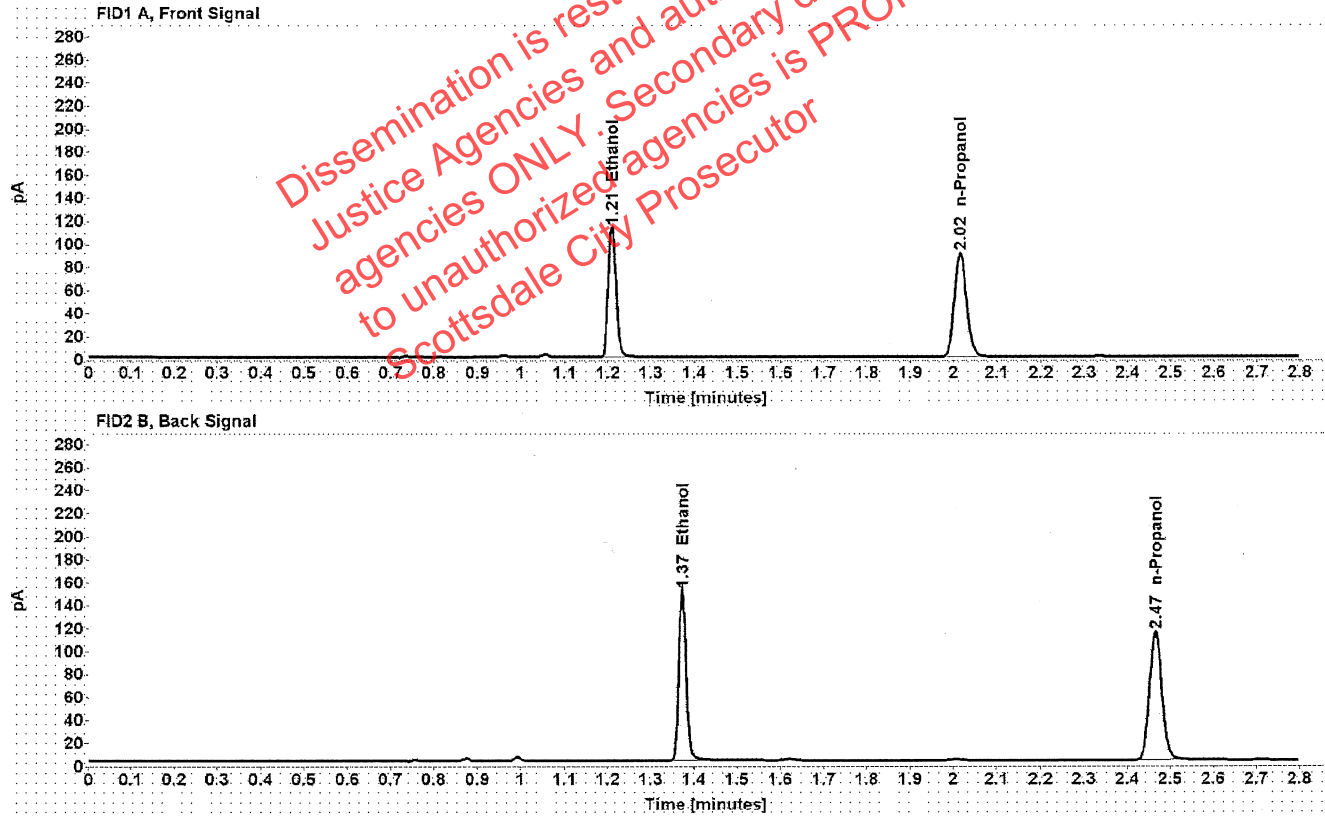


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2207	1.209	143.908
n-Propanol	-----	2.015	178.473

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

Compound	Time (min)	Peak Area
Ethanol	1.373	182.961
n-Propanol	2.466	225.098

██████████ : Brooke, Phillip - (29-Sep-2021)

Case: ██████████ User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801MF	Vial:	49
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 10:09:44 PM
Data file:	C:\Chem32\1\Data\28Sep21\49.D	Analyst:	Brooke

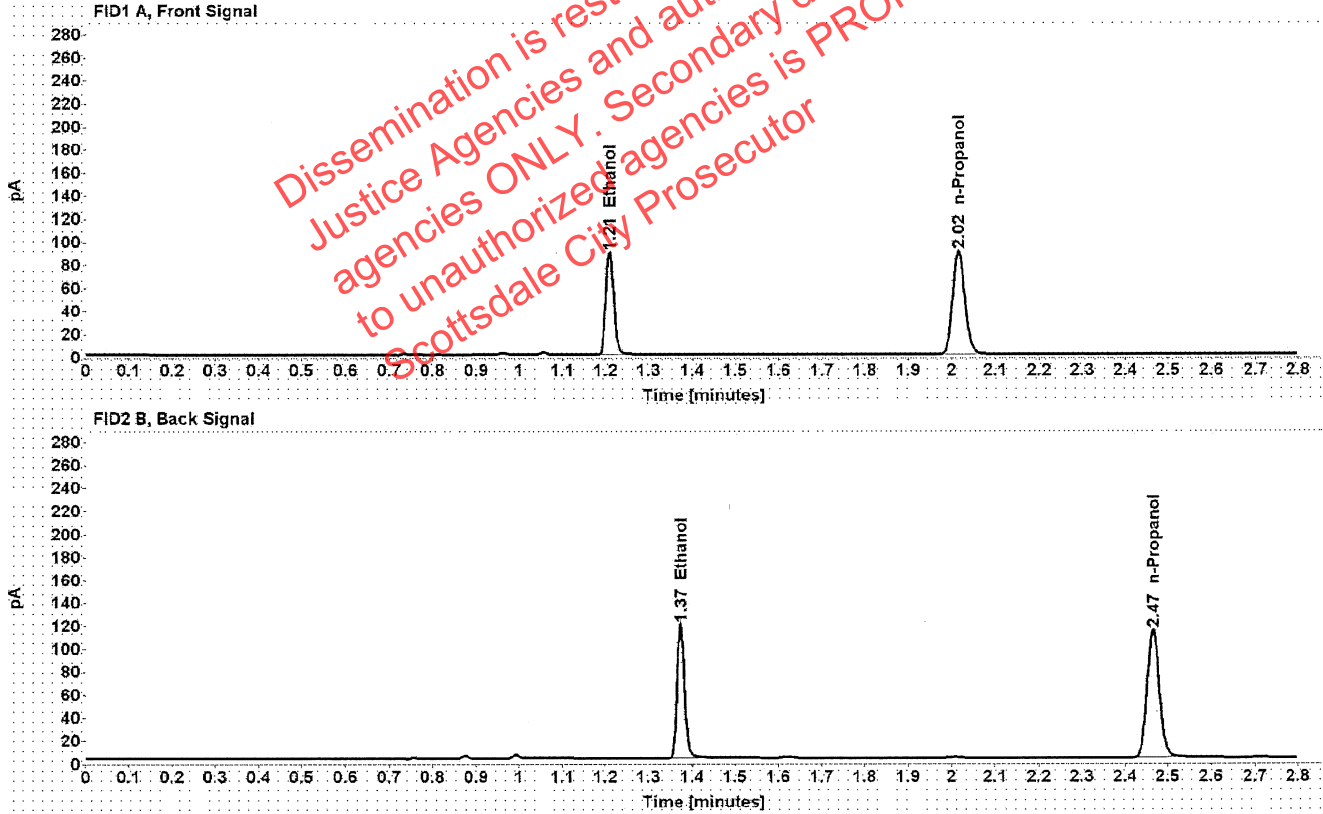


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1757	1.210	113.673
n-Propanol	-----	2.015	177.583

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

Compound	Time (min)	Peak Area
Ethanol	1.373	144.481
n-Propanol	2.466	223.687

[REDACTED]: Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801MF	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 10:13:44 PM
Data file:	C:\Chem32\1\Data\28Sep21\50.D	Analyst:	Brooke

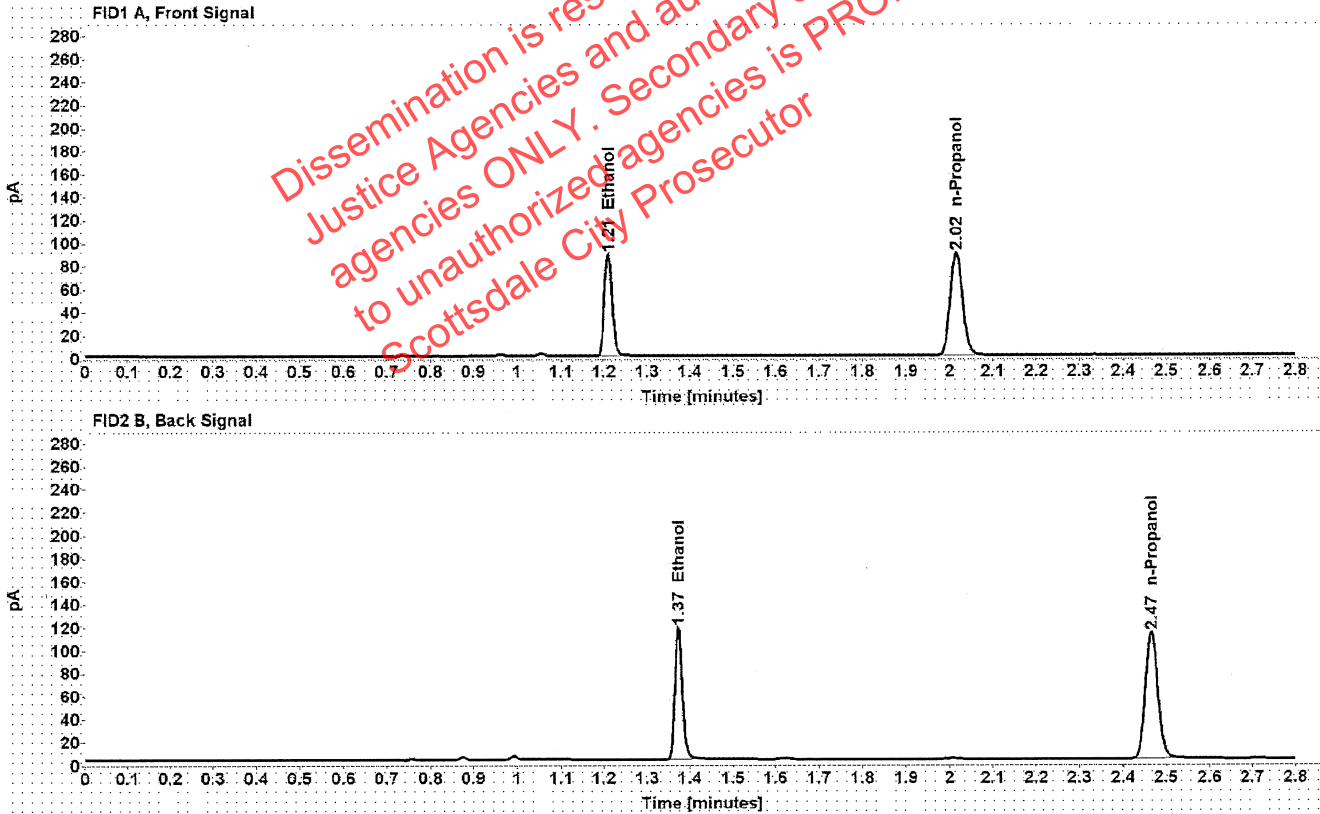


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1743	1.210	112.243
n-Propanol	-----	2.015	176.817

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

Compound	Time (min)	Peak Area
Ethanol	1.373	141.535
n-Propanol	2.466	222.785

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1355677	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 10:17:44 PM
Data file:	C:\Chem32\1\Data\28Sep21\51.D	Analyst:	Brooke

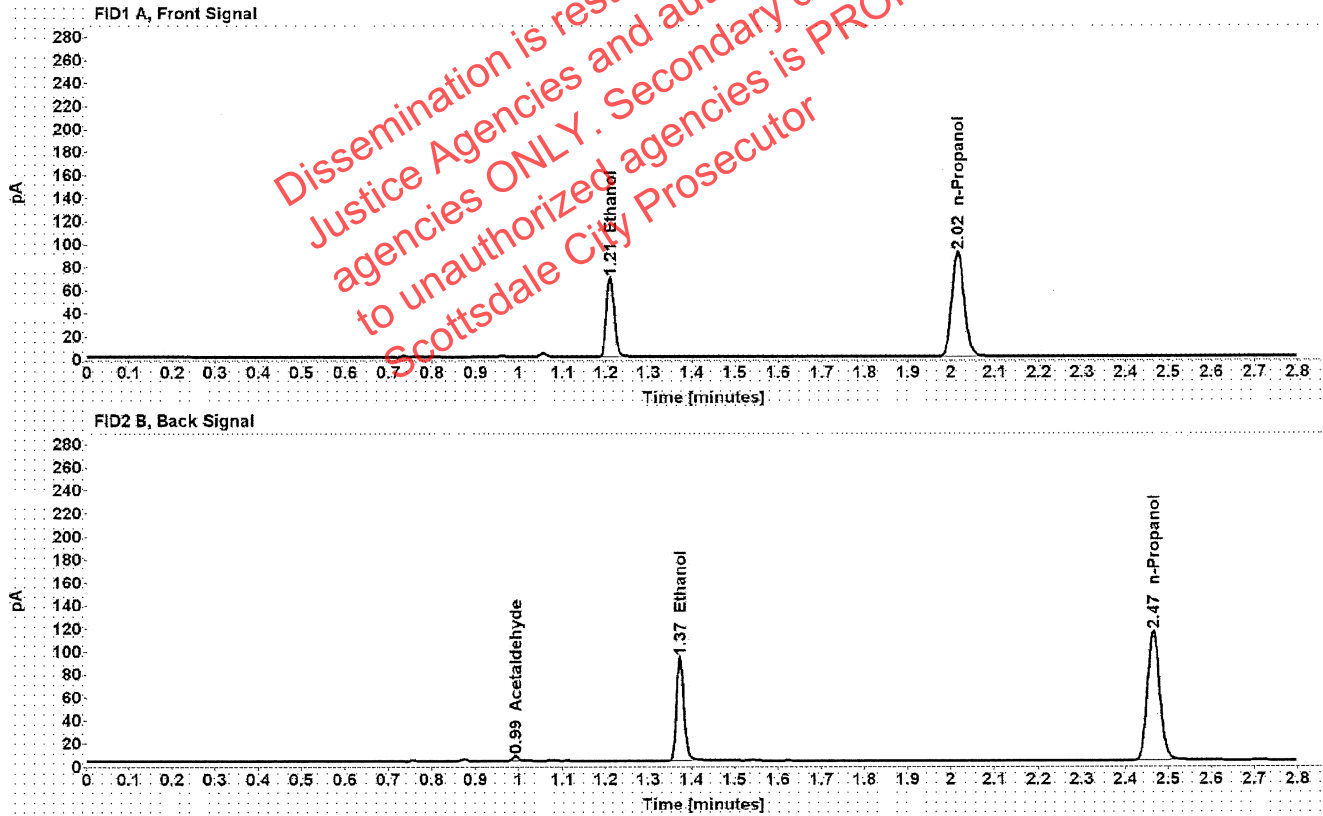


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1334	1.210	87.548
n-Propanol	-----	2.015	180.927

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.327
Ethanol	1.374	110.078
n-Propanol	2.466	227.702

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1355677	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	28Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/28/2021 10:21:43 PM
Data file:	C:\Chem32\1\Data\28Sep21\52.D	Analyst:	Brooke

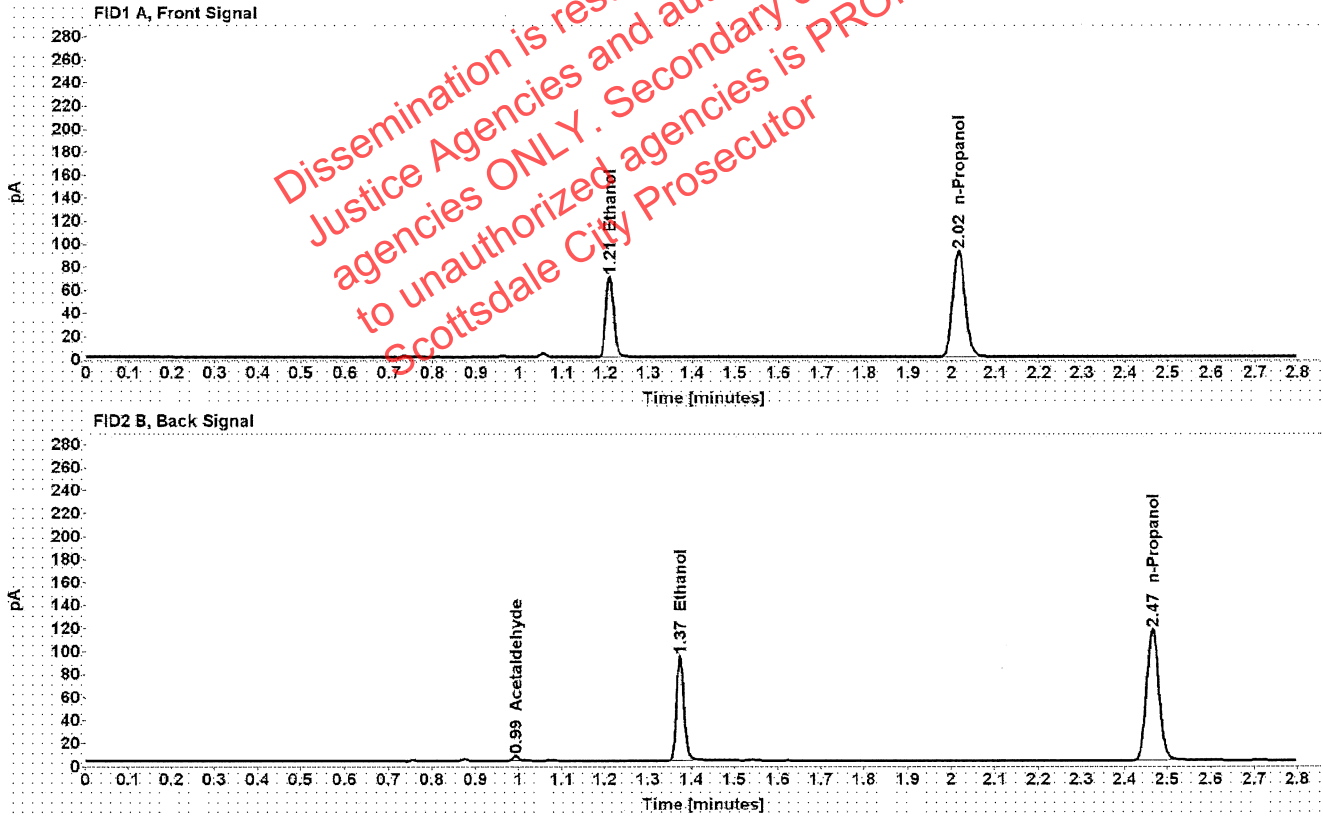


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1337	1.210	88.719
n-Propanol	-----	2.015	182.922

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.338
Ethanol	1.374	111.454
n-Propanol	2.466	230.174