

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 07/07/2021 SEQUENCE NAME 07Jul21

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 0.99999
 Vial 3 0.20 calibrator Lot FN05101903
 Vial 4 0.40 calibrator Lot FN10051906

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 062421AQ
6	Volatiles mixture	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	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.200 g/dL	0.202 g/dL	ACQ 4101018274/9
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
42	Blood control	0.200 g/dL	0.203 g/dL	ACQ 4101018274/9
53	Aqueous control	0.400 g/dL	0.405 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	0.204 g/dL	ACQ 4101018274/9
56	Blank	Not detected	Not detected	SPD lab 111020WB

SUBJECT SAMPLES

Subjects in the sequence 20 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid
 Run invalid


 Analyst

Run valid
 Run invalid


 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

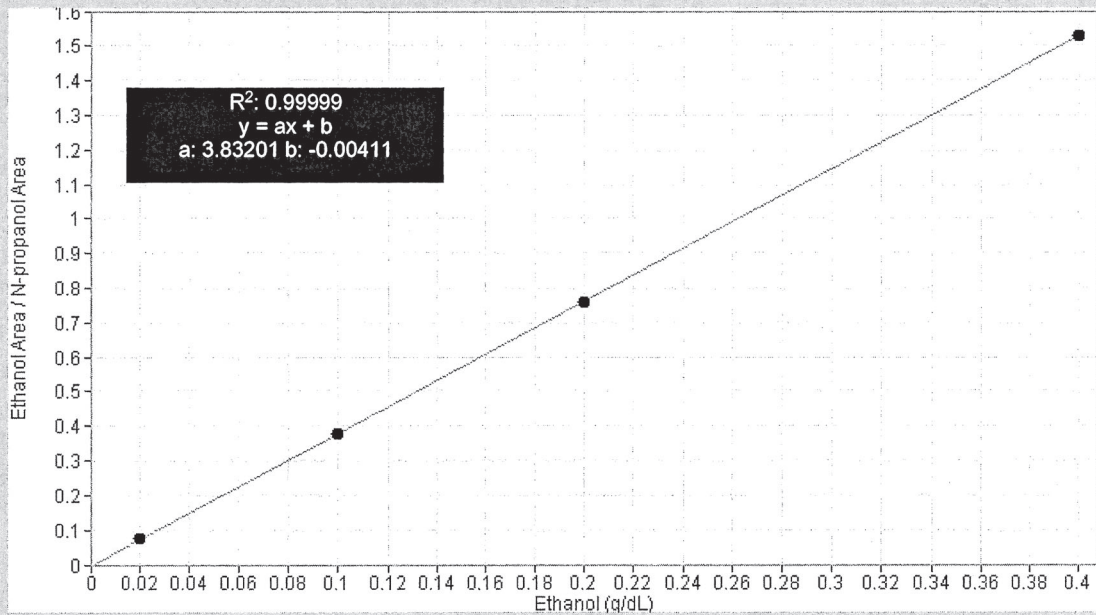
SEQUENCE NAME: 07Jul21

ANALYST: Abbott *JA*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 062421AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.400	0.400	0.00	0.000
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.200 4101018274/9	9	0.202	0.200	1.00	0.002
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.080 20012020-B	31	0.080	0.080	0.00	0.000
0.200 4101018274/9	42	0.203	0.200	1.50	0.003
0.400 11092018-A	53	0.405	0.400	1.25	0.005
0.040 14082019-B	54	0.041	0.040	2.50	0.001
0.200 4101018274/9	55	0.204	0.200	2.00	0.004
blank 111020VVB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.172	163.319	0.075
0.100	60.354	159.425	0.379
0.200	118.795	156.460	0.759
0.400	239.788	156.700	1.530

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 07Jul21
Method: ethanol quant.M	Injection date: 7/7/2021 3:10:52 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>[Signature]</i>
Data file: C:\Chem32\1\Data\07Jul21\1.D	

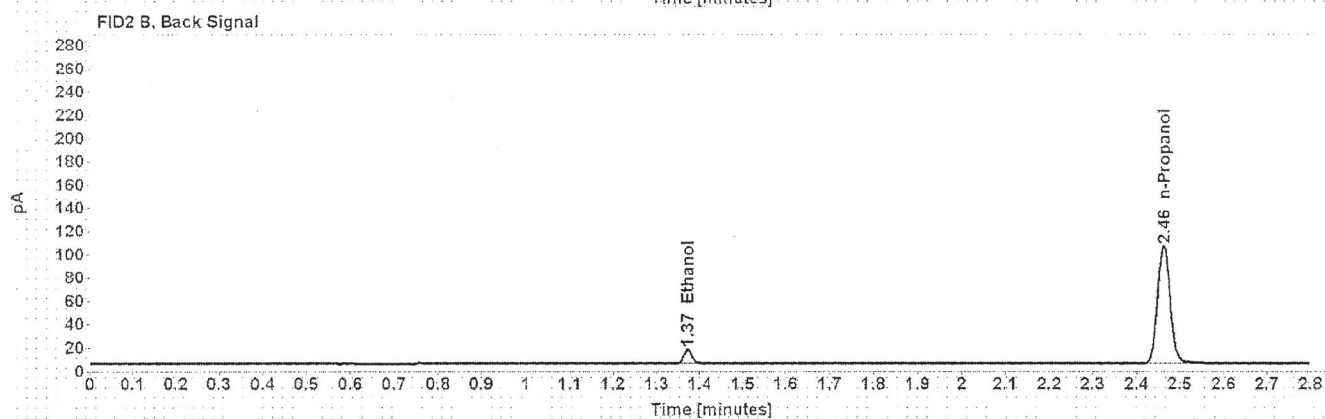
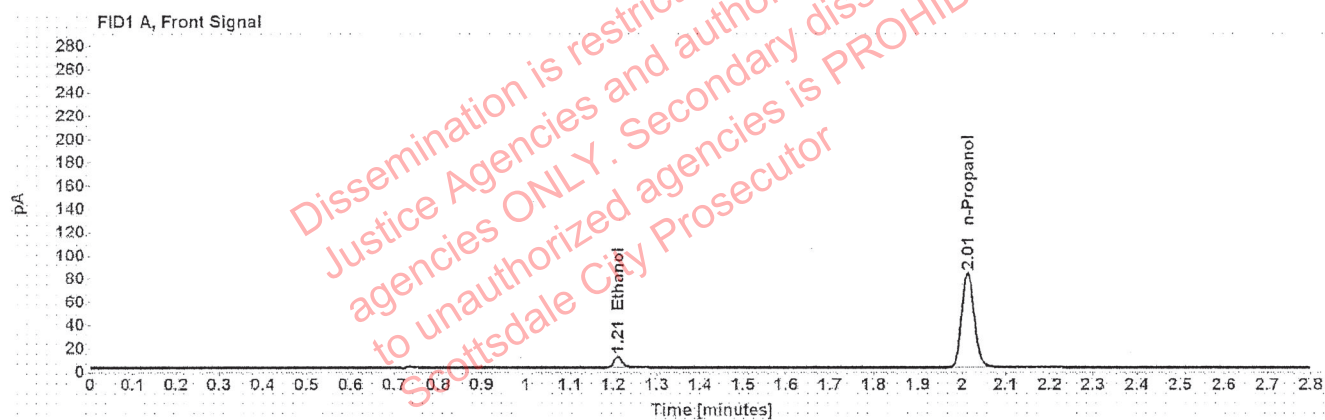


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	12.172
n-Propanol	2.013	163.319

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

Compound	Time (min)	Peak Area
Ethanol	1.372	15.132
n-Propanol	2.462	204.527

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 07Jul21
Method: ethanol quant.M	Injection date: 7/7/2021 3:14:52 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>AK</i>
Data file: C:\Chem3211\Data\07Jul21\2.D	

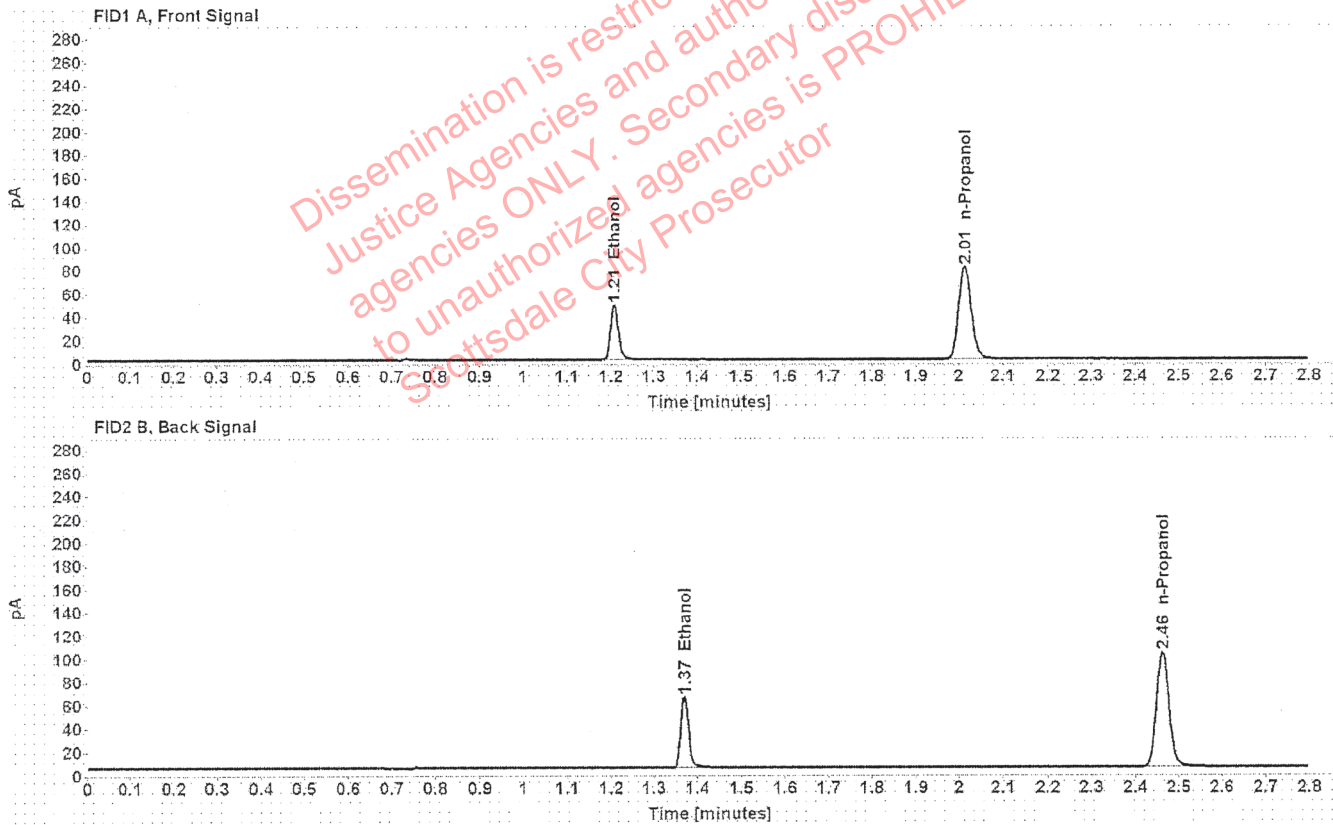


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	60.354
n-Propanol	2.013	159.425

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

Compound	Time (min)	Peak Area
Ethanol	1.370	75.589
n-Propanol	2.462	199.292

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 07Jul21
Method: ethanol quant.M	Injection date: 7/7/2021 3:18:53 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>JA</i>
Data file: C:\Chem32\1\Data\07Jul21\3.D	

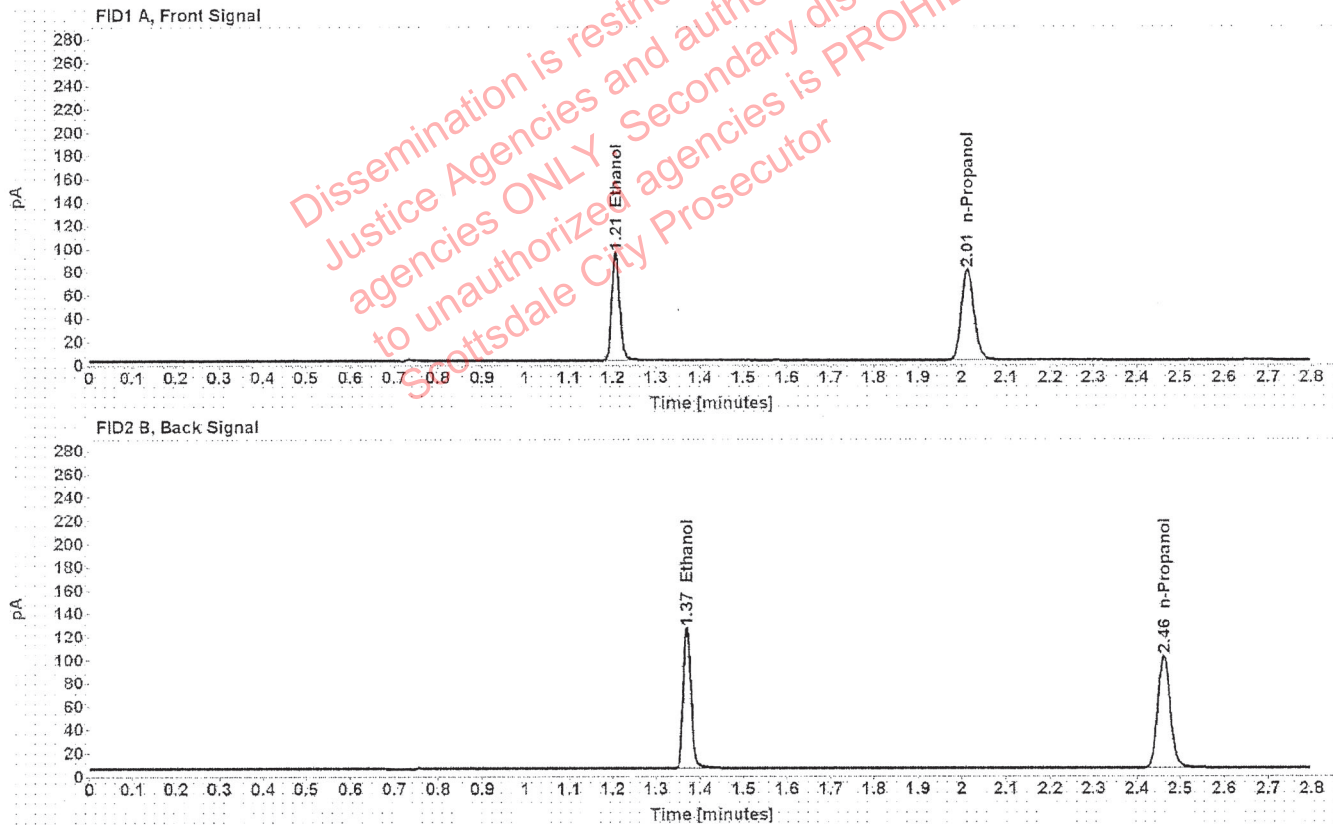


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	118.795
n-Propanol	2.013	156.460

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

Compound	Time (min)	Peak Area
Ethanol	1.369	149.016
n-Propanol	2.462	195.407

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 07Jul21
Method: ethanol quant.M	Injection date: 7/7/2021 3:22:53 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>Abbott</i>
Data file: C:\Chem32\1\Data\07Jul21\4.D	

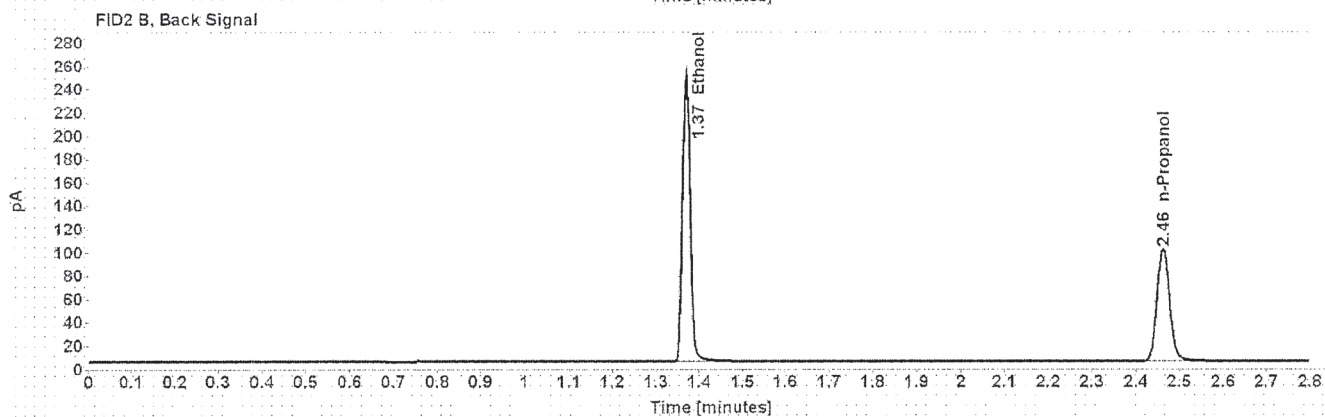
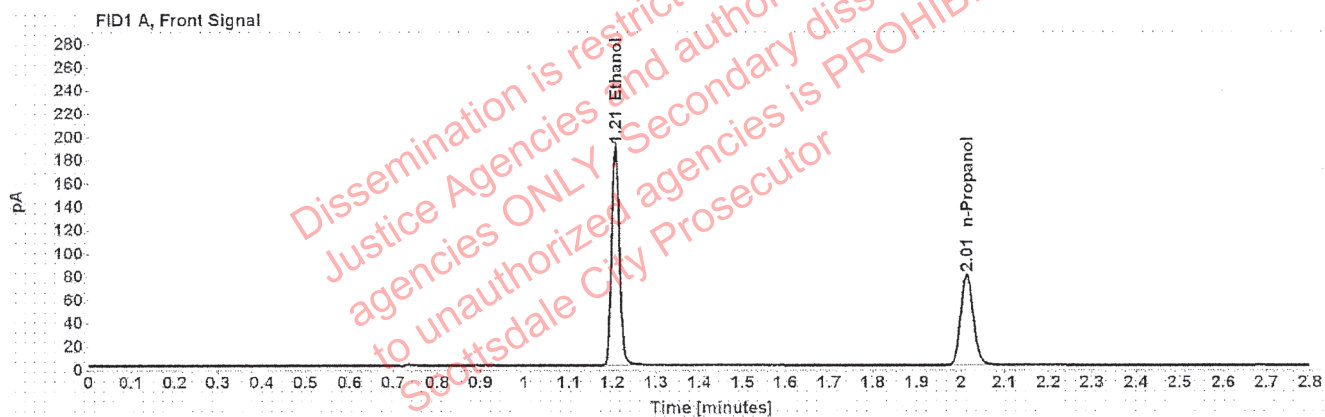


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	239.788
n-Propanol	2.013	156.700

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

Compound	Time (min)	Peak Area
Ethanol	1.370	301.192
n-Propanol	2.463	195.610

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 062421AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 07Jul21
Instrument: US14173023 CN14160045	Injection date: 7/7/2021 3:26:53 PM
Data file: C:\Chem32\1\Data\07Jul21\5.D	Analyst: Abbott <i>JA</i>

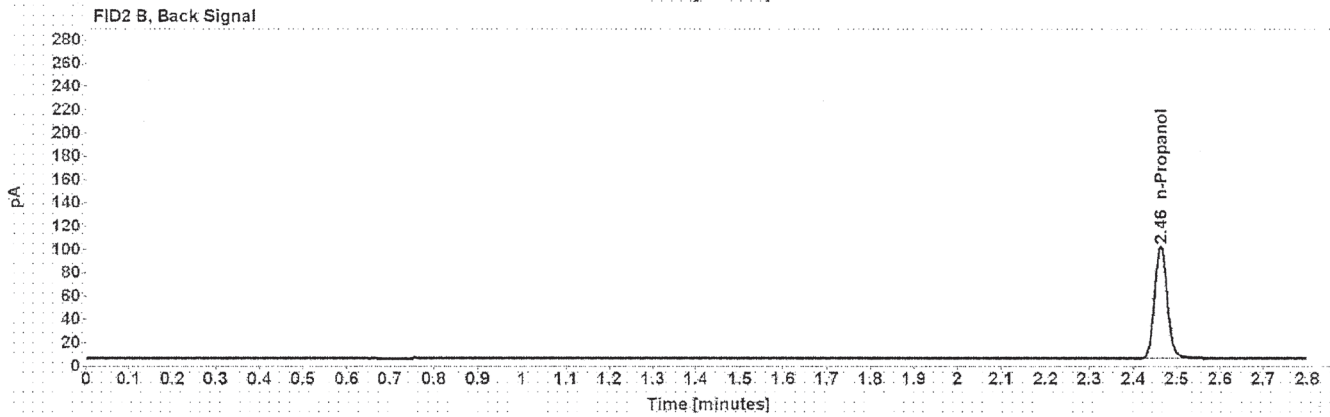


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.013	156.613

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

Compound	Time (min)	Peak Area
n-Propanol	2.463	195.236

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 07Jul21
Instrument: US14173023 CN14160045	Injection date: 7/7/2021 3:30:53 PM
Data file: C:\Chem32\1\Data\07Jul21\6.D	Analyst: Abbott JA

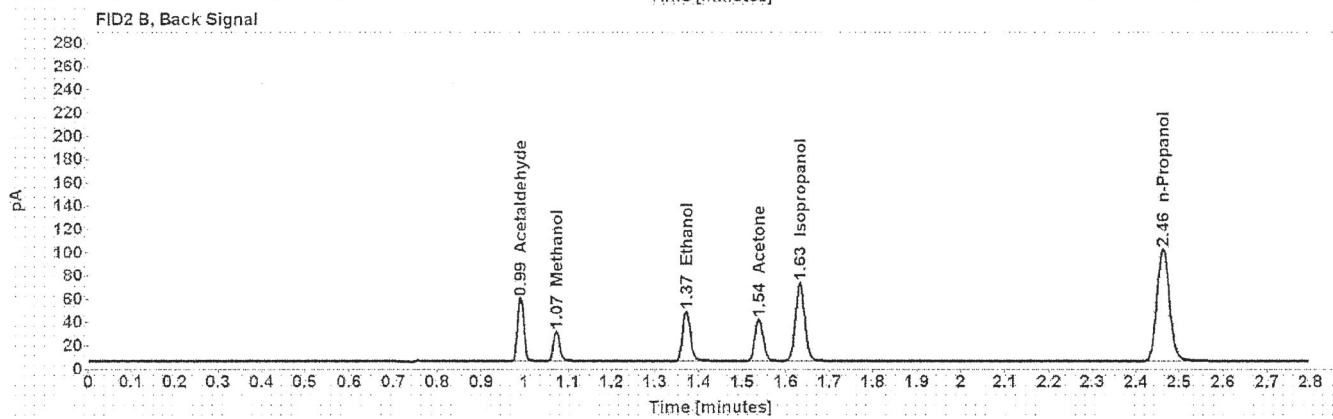
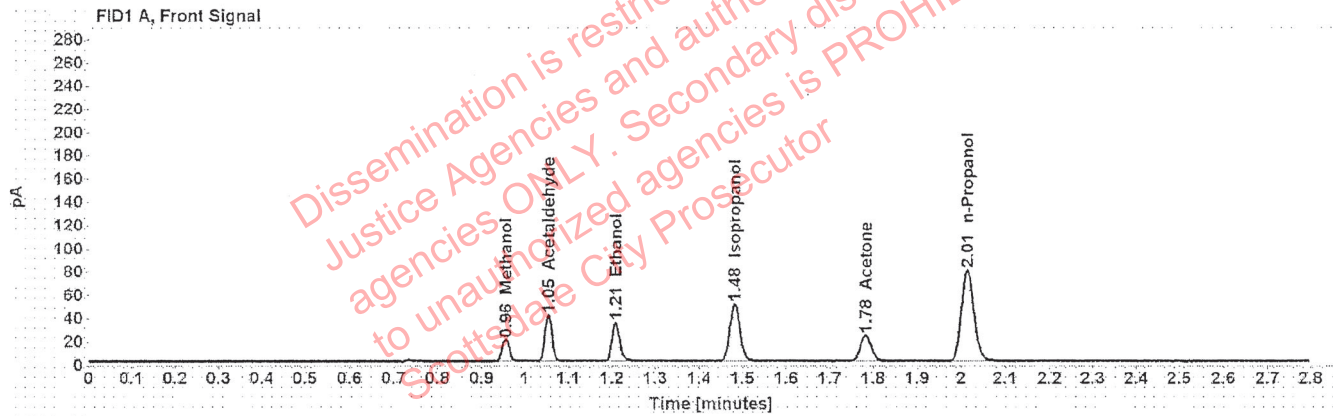


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.955	21.326
Acetaldehyde	-----	1.053	44.068
>Ethanol	0.0721	1.209	42.646
Isopropanol	-----	1.482	79.268
Acetone	-----	1.782	38.177
n-Propanol	-----	2.014	156.586

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.990	56.697
Methanol	1.073	27.443
Ethanol	1.371	53.386
Acetone	1.538	47.750
Isopropanol	1.633	101.651
n-Propanol	2.463	195.530

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 07Jul21
Instrument: US14173023 CN14160045	Injection date: 7/7/2021 3:35:07 PM
Data file: C:\Chem32\1\Data\07Jul21\7.D	Analyst: Abbott PA

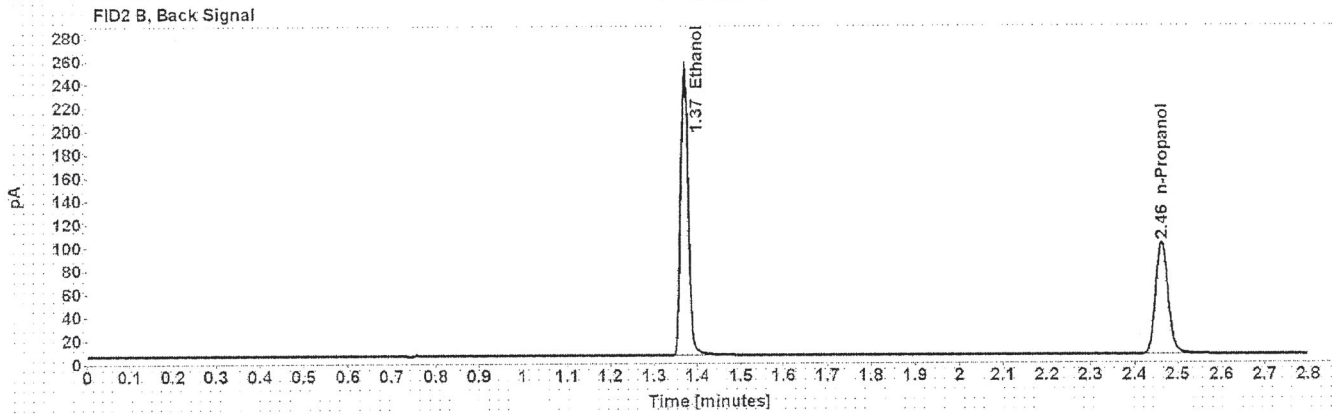
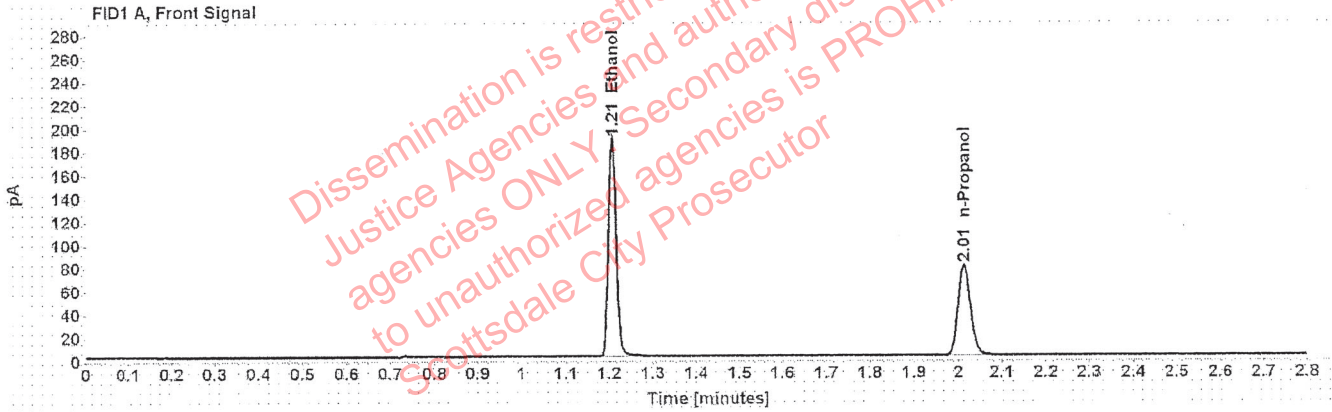


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4004	1.207	239.645
n-Propanol	-----	2.014	156.597

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

Compound	Time (min)	Peak Area
Ethanol	1.370	301.129
n-Propanol	2.463	195.454

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 07Jul21
Instrument: US14173023 CN14160045	Injection date: 7/7/2021 3:39:08 PM
Data file: C:\Chem32\1\Data\07Jul21\8.D	Analyst: Abbott <i>Abbott</i>

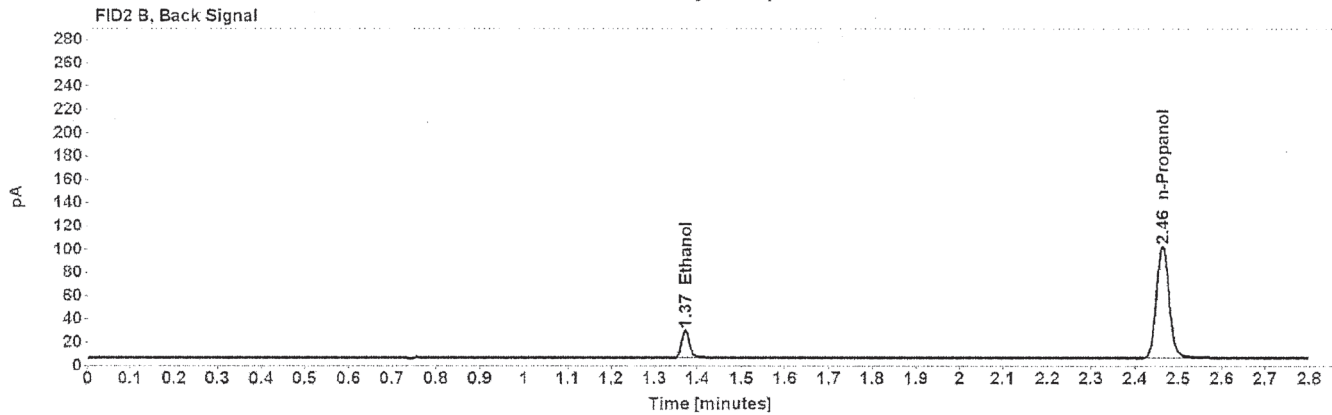
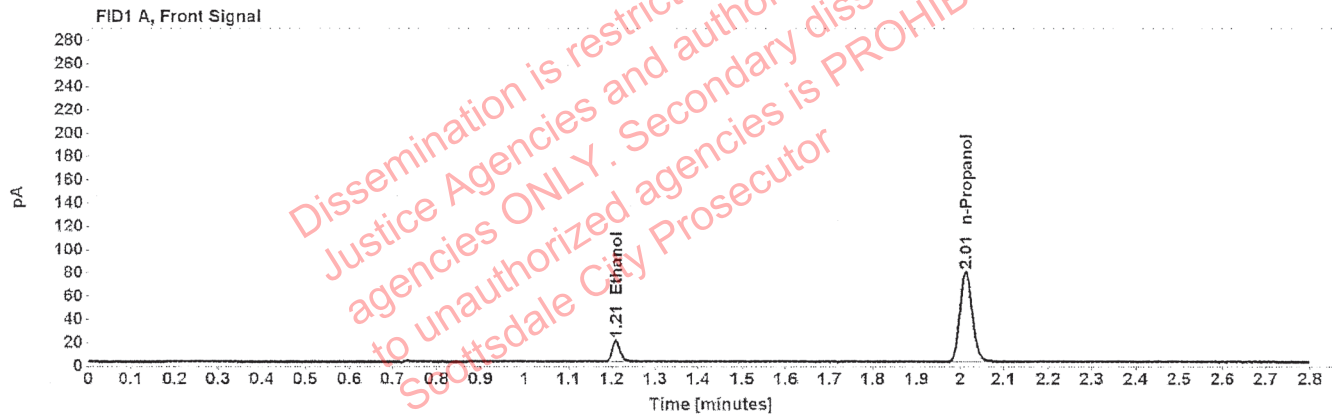


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0404	1.209	23.518
n-Propanol	-----	2.014	155.938

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

Compound	Time (min)	Peak Area
Ethanol	1.372	29.491
n-Propanol	2.463	194.758

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 9
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 07Jul21
Instrument: US14173023 CN14160045	Injection date: 7/7/2021 3:43:07 PM
Data file: C:\Chem32\1\Data\07Jul21\9.D	Analyst: Abbott <i>JA</i>

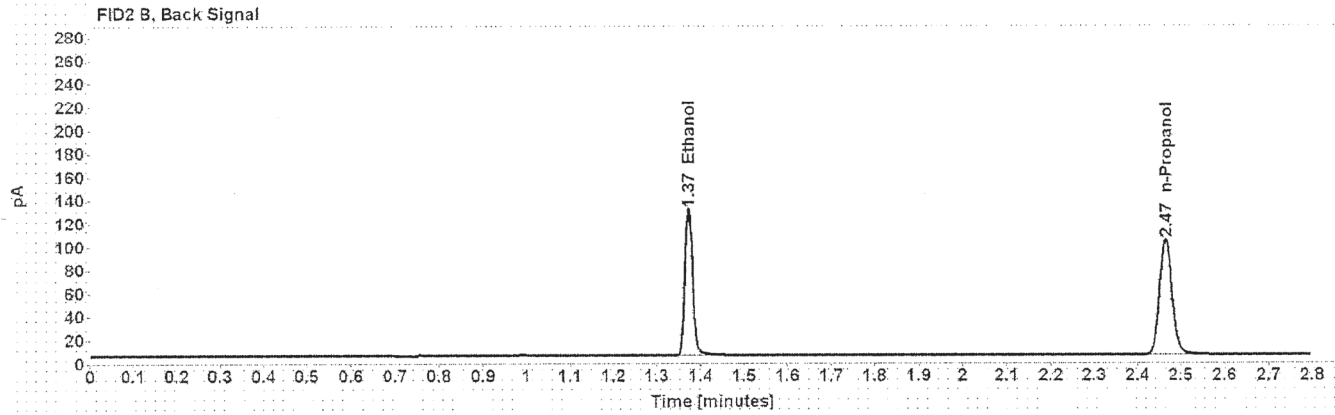
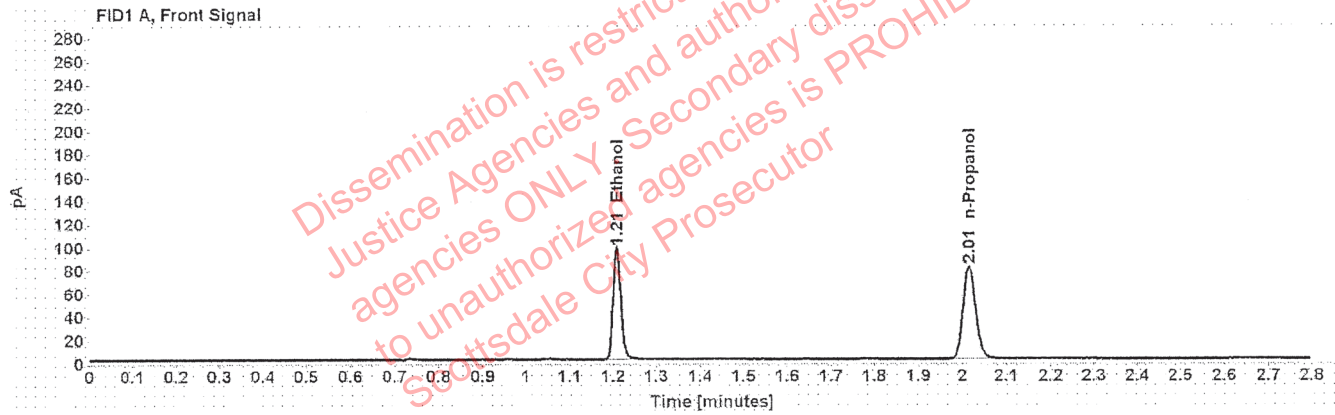


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2020	1.209	123.158
n-Propanol	-----	2.015	159.978

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

Compound	Time (min)	Peak Area
Ethanol	1.373	155.059
n-Propanol	2.465	200.047

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 07Jul21
Instrument: US14173023 CN14160045	Injection date: 7/7/2021 4:27:38 PM
Data file: C:\Chem32\1\Data\07Jul21\20.D	Analyst: Abbott RA

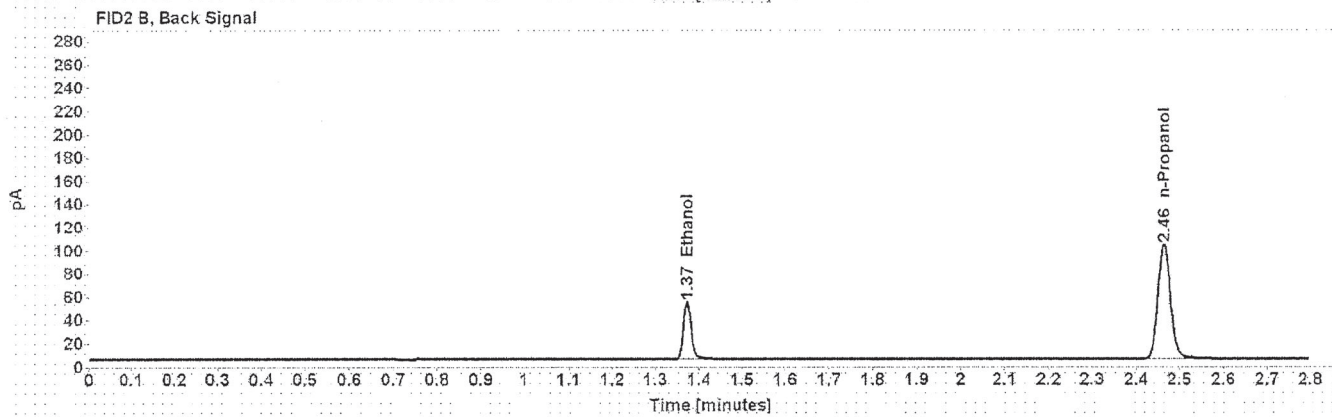
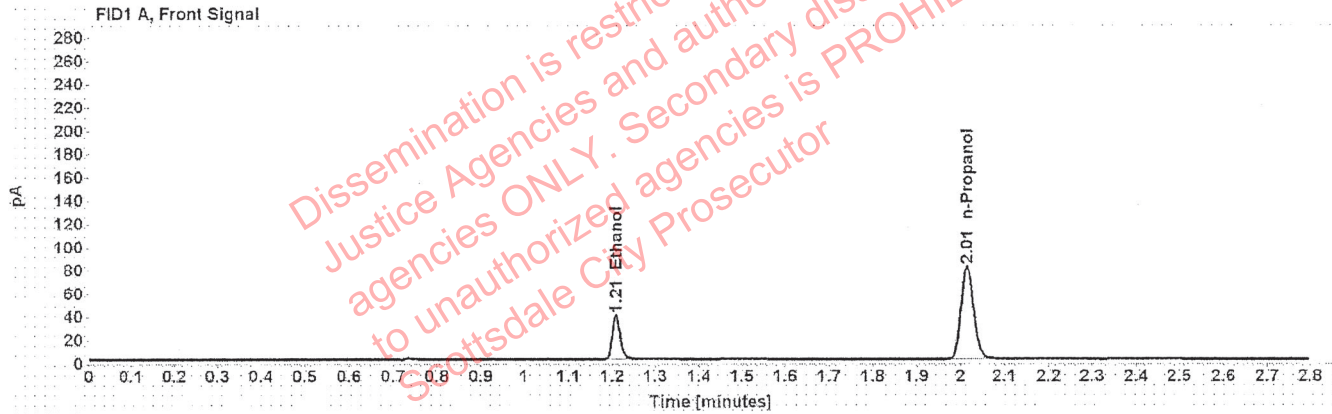


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0806	1.209	48.764
n-Propanol	-----	2.014	159.927

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

Compound	Time (min)	Peak Area
Ethanol	1.372	61.183
n-Propanol	2.464	200.115

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 07Jul21
Instrument: US14173023 CN14160045	Injection date: 7/7/2021 5:12:07 PM
Data file: C:\Chem32\1\Data\07Jul21\31.D	Analyst: Abbott

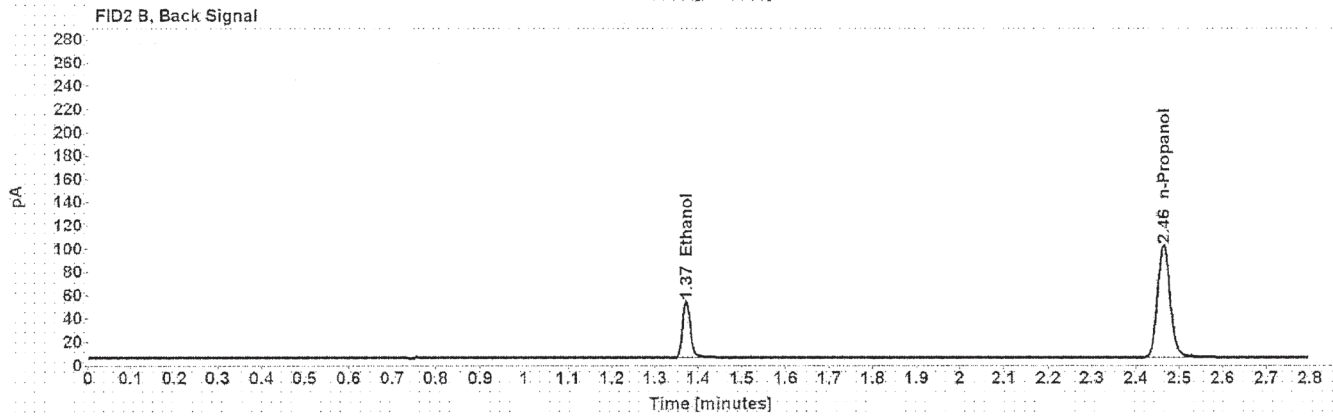
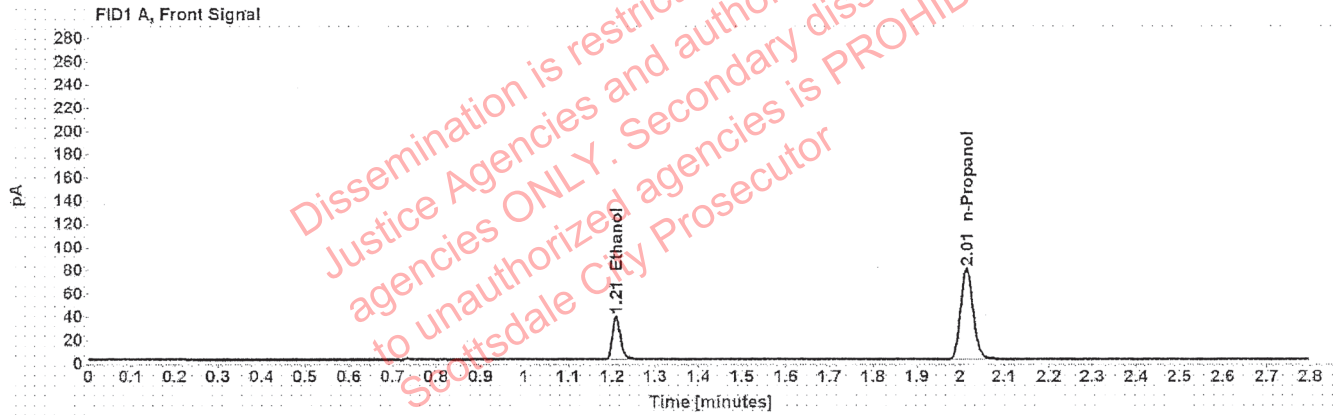


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0806	1.209	47.830
n-Propanol	-----	2.014	156.934

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

Compound	Time (min)	Peak Area
Ethanol	1.372	59.952
n-Propanol	2.464	196.434

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 42
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 07Jul21
Instrument: US14173023 CN14160045	Injection date: 7/7/2021 5:56:22 PM
Data file: C:\Chem32\1\Data\07Jul21\42.D	Analyst: Abbott

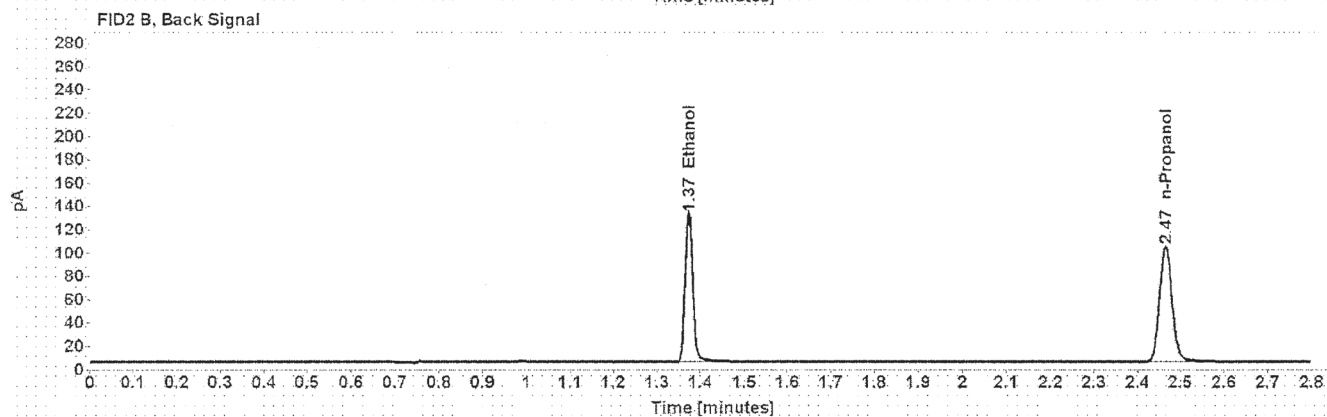
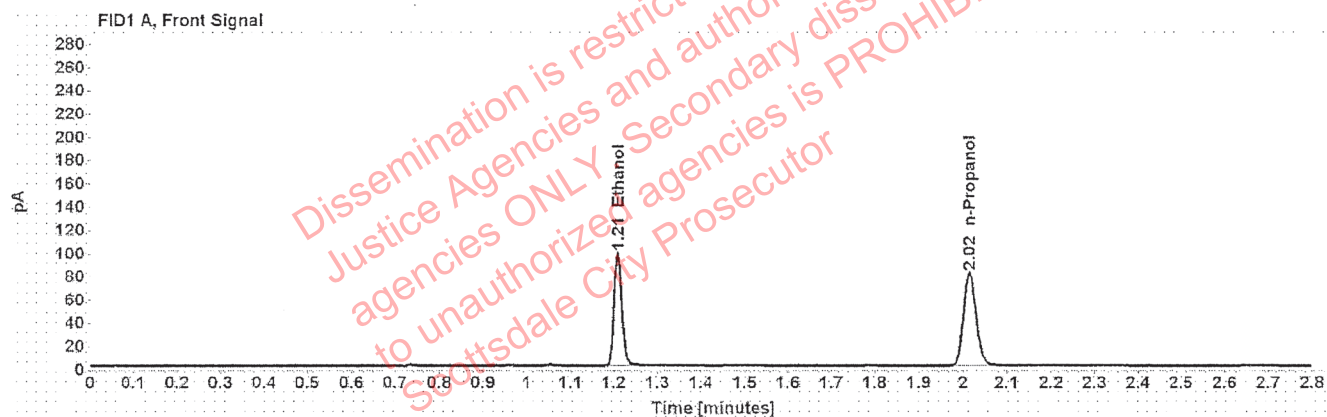


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2037	1.209	124.653
n-Propanol	-----	2.015	160.531

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

Compound	Time (min)	Peak Area
Ethanol	1.373	157.169
n-Propanol	2.466	201.357

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	53
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 6:40:52 PM
Data file:	C:\Chem32\1\Data\07Jul21\53.D	Analyst:	Abbott JA

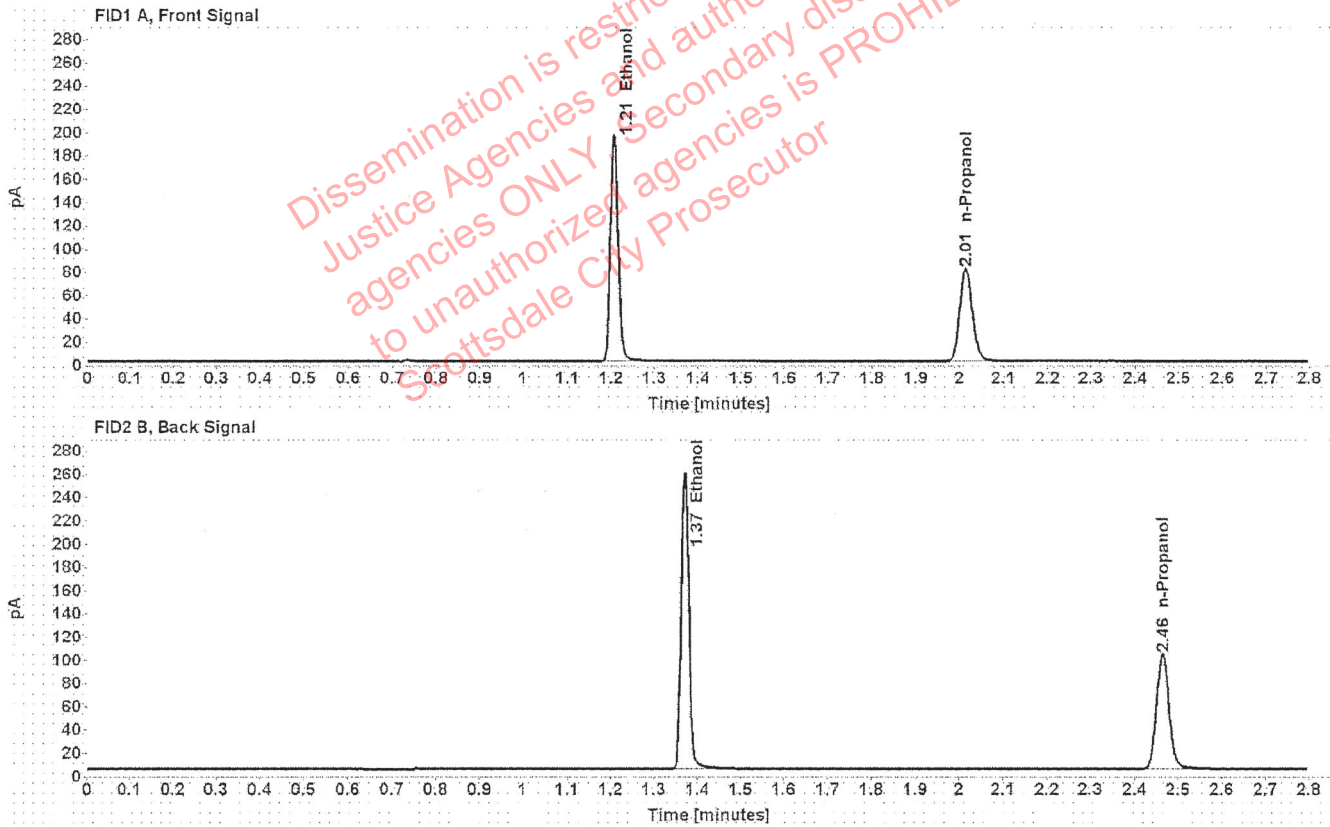


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4050	1.207	247.461
n-Propanol	-----	2.014	159.888

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

Compound	Time (min)	Peak Area
Ethanol	1.371	313.262
n-Propanol	2.464	200.657

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 54
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 07Jul21
Instrument: US14173023 CN14160045	Injection date: 7/7/2021 6:44:53 PM
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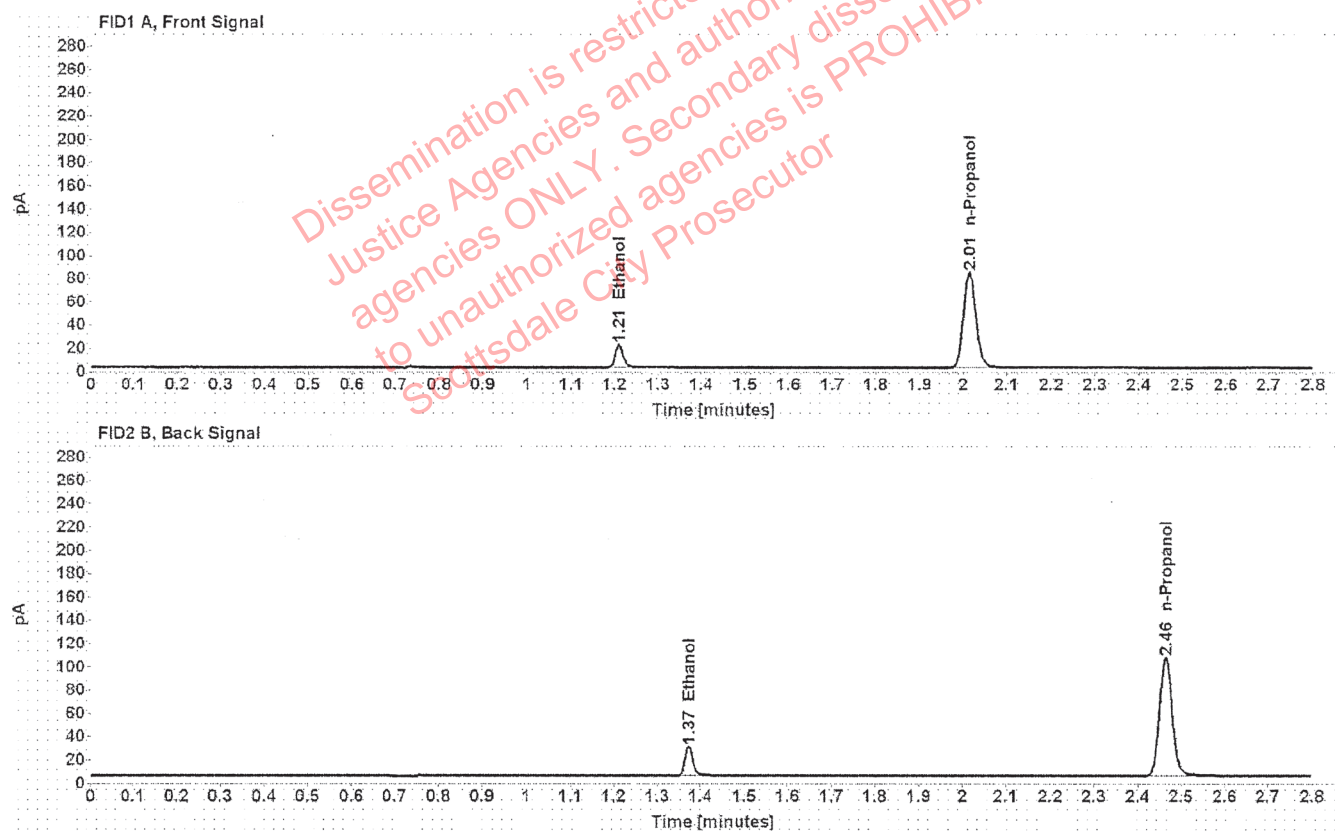


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.210	25.255
n-Propanol	-----	2.014	164.808

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

Compound	Time (min)	Peak Area
Ethanol	1.373	31.592
n-Propanol	2.464	206.734

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 55
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 07Jul21
Instrument: US14173023 CN14160045	Injection date: 7/7/2021 6:49:08 PM
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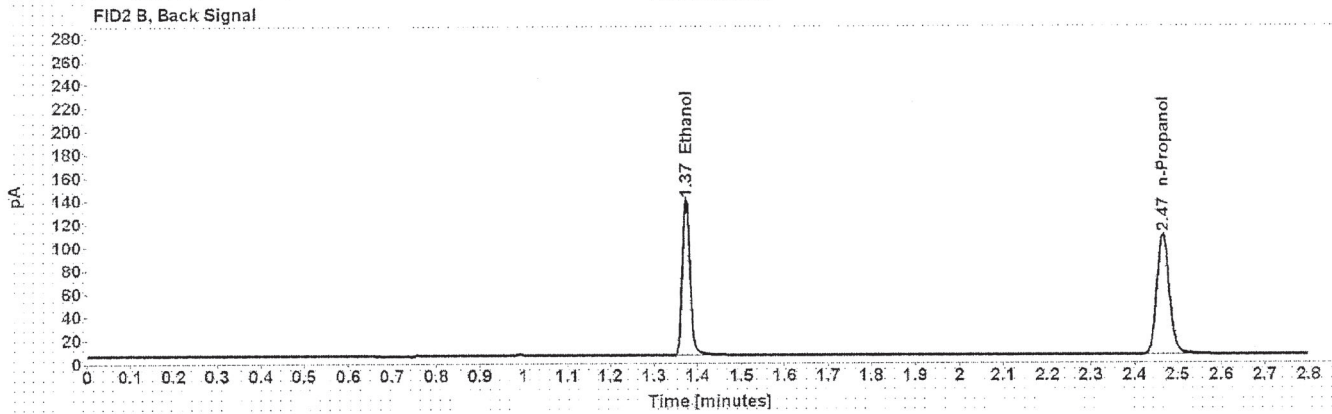
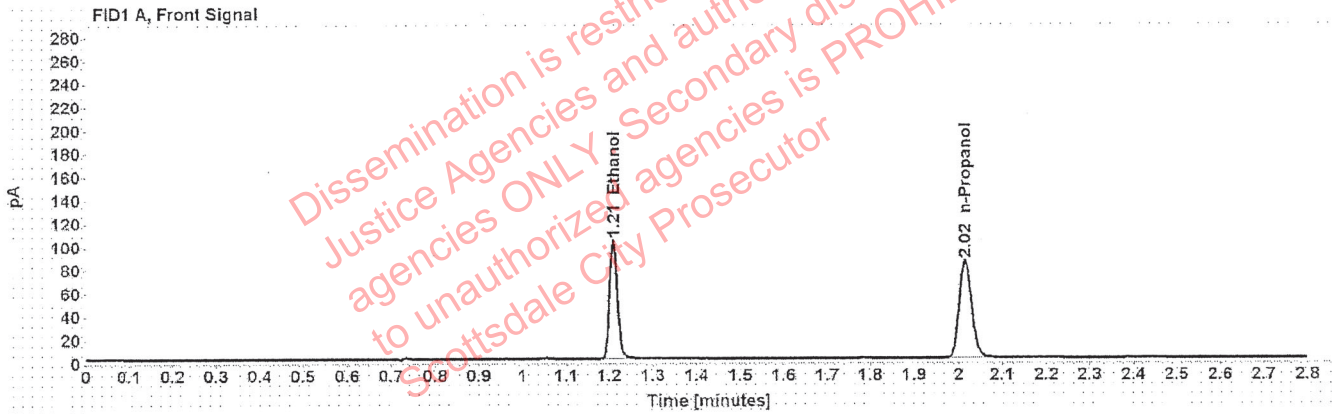


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2048	1.209	131.001
n-Propanol	-----	2.015	167.827

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

Compound	Time (min)	Peak Area
Ethanol	1.373	165.348
n-Propanol	2.466	210.422

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 111020WB	Vial: 56
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 07Jul21
Instrument: US14173023 CN14160045	Injection date: 7/7/2021 6:53:08 PM
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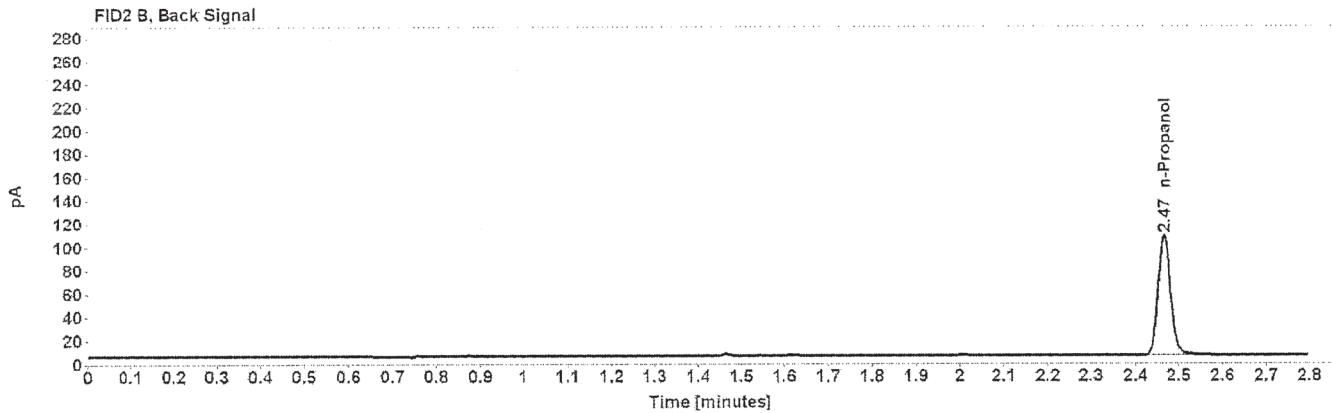


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	166.349

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	209.568

Sequence Summary

Sequence name: 07Jul21 Instrument: US14173023 CN14160045 Analyst: Abbott *RA*

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	062421AQ	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	1378024		Sample		ethanol quant.M
11	1378024		Sample		ethanol quant.M
12	1352406		Sample		ethanol quant.M
13	1352406		Sample		ethanol quant.M
14	1379028		Sample		ethanol quant.M
15	1379028		Sample		ethanol quant.M
16	1378839		Sample		ethanol quant.M
17	1378839		Sample		ethanol quant.M
18	1379379		Sample		ethanol quant.M
19	1379379		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1379513		Sample		ethanol quant.M
22	1379513		Sample		ethanol quant.M
23	1379282		Sample		ethanol quant.M
24	1379282		Sample		ethanol quant.M
25	1379050		Sample		ethanol quant.M
26	1379050		Sample		ethanol quant.M
27	1379287		Sample		ethanol quant.M
28	1379287		Sample		ethanol quant.M
29	1379135		Sample		ethanol quant.M
30	1379135		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	33301ST		Sample		ethanol quant.M
33	33301ST		Sample		ethanol quant.M
34	37201MC		Sample		ethanol quant.M
35	37201MC		Sample		ethanol quant.M
36	38101MM		Sample		ethanol quant.M
37	38101MM		Sample		ethanol quant.M
38	32701KK		Sample		ethanol quant.M
39	32701KK		Sample		ethanol quant.M
40	1379347		Sample		ethanol quant.M
41	1379347		Sample		ethanol quant.M
42	4101018274/9	0.200	Control		ethanol quant.M
43	1379652		Sample		ethanol quant.M
44	1379652		Sample		ethanol quant.M
45	1379524		Sample		ethanol quant.M
46	1379524		Sample		ethanol quant.M
47	1379674		Sample		ethanol quant.M

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

Sequence Summary

48	1379674		Sample		ethanol quant.M
49	1344163		Sample		ethanol quant.M
50	1344163		Sample		ethanol quant.M
51	1346595		Sample		ethanol quant.M
52	1346595		Sample		ethanol quant.M
53	11092018-A	0.400	Control		ethanol quant.M
54	14082019-B	0.040	Control		ethanol quant.M
55	4101018274/9	0.200	Control		ethanol quant.M
56	111020WB	Negative	Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 07Jul21

ANALYST: Abbott *dh*

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.3553	0.3527	0.35400	0.37	0.00130
12 13	0.2255	0.2267	0.22610	0.27	0.00060
14 15	0.1040	0.1046	0.10430	0.29	0.00030
16 17	0.2212	0.2229	0.22205	0.38	0.00085
18 19	0.2226	0.2224	0.22250	0.04	0.00010
21 22	0.1819	0.1829	0.18240	0.27	0.00050
23 24	0.2120	0.2130	0.21250	0.24	0.00050
25 26	0.1611	0.1621	0.16160	0.31	0.00050
27 28	0.1188	0.1189	0.11885	0.04	0.00005
29 30	0.1650	0.1663	0.16565	0.39	0.00065
32 33	0.2678	0.2690	0.26840	0.22	0.00060
34 35	0.2250	0.2251	0.22505	0.02	0.00005
36 37	0.1284	0.1278	0.12810	0.23	0.00030
38 39	0.1576	0.1575	0.15755	0.03	0.00005
40 41	0.3177	0.3144	0.31605	0.52	0.00165
43 44	0.3604	0.3648	0.36260	0.61	0.00220
45 46	0.1641	0.1639	0.16400	0.06	0.00010
47 48	0.1058	0.1065	0.10615	0.33	0.00035
49 50	0.1244	0.1246	0.12450	0.08	0.00010
51 52	0.1023	0.1022	0.10225	0.05	0.00005

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378024	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 3:47:08 PM
Data file:	C:\Chem32\1\Data\07Jul21\10.D	Analyst:	Abbott

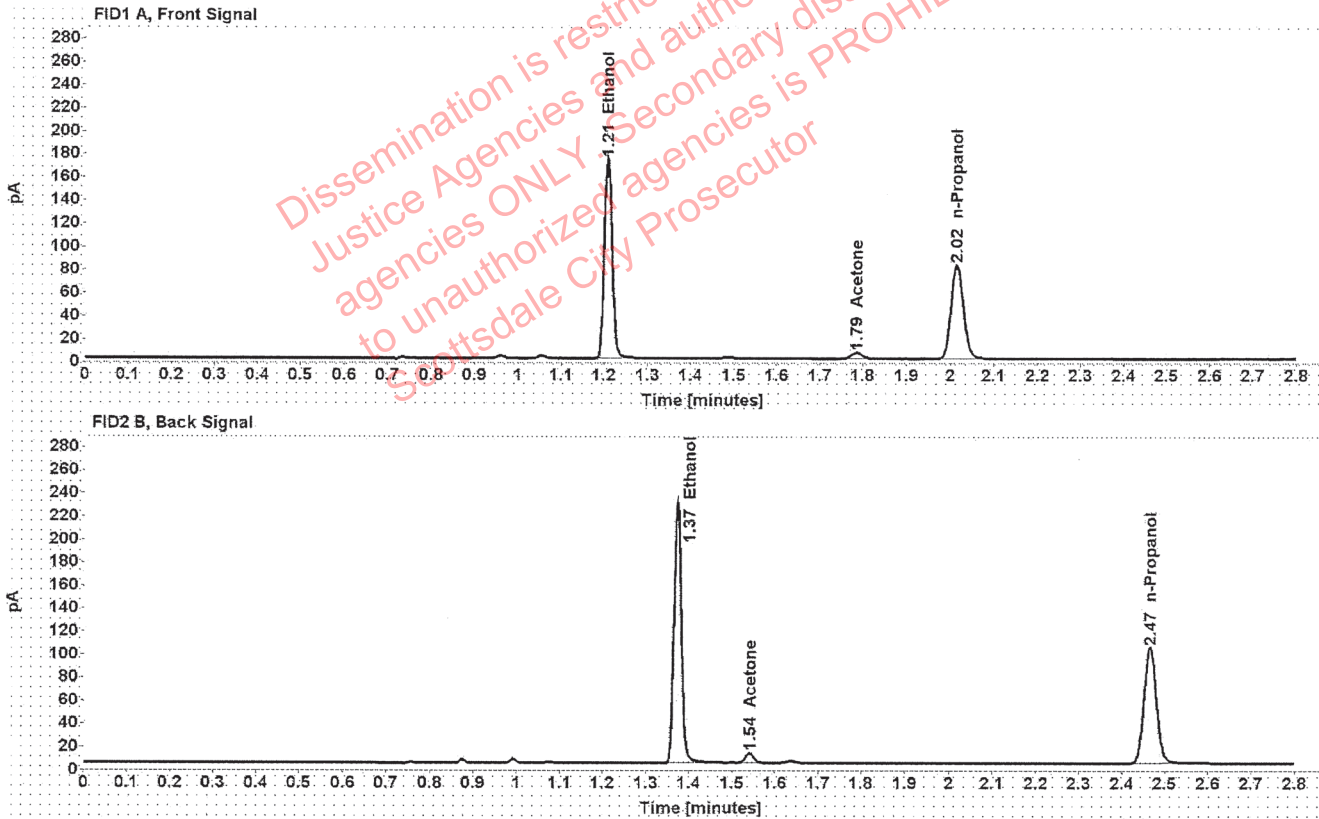


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3553	1.209	220.374
Acetone	-----	1.786	8.899
n-Propanol	-----	2.015	162.335

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

Compound	Time (min)	Peak Area
Ethanol	1.373	276.983
Acetone	1.541	10.871
n-Propanol	2.466	202.509

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378024	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 3:51:07 PM
Data file:	C:\Chem32\1\Data\07Jul21\11.D	Analyst:	Abbott

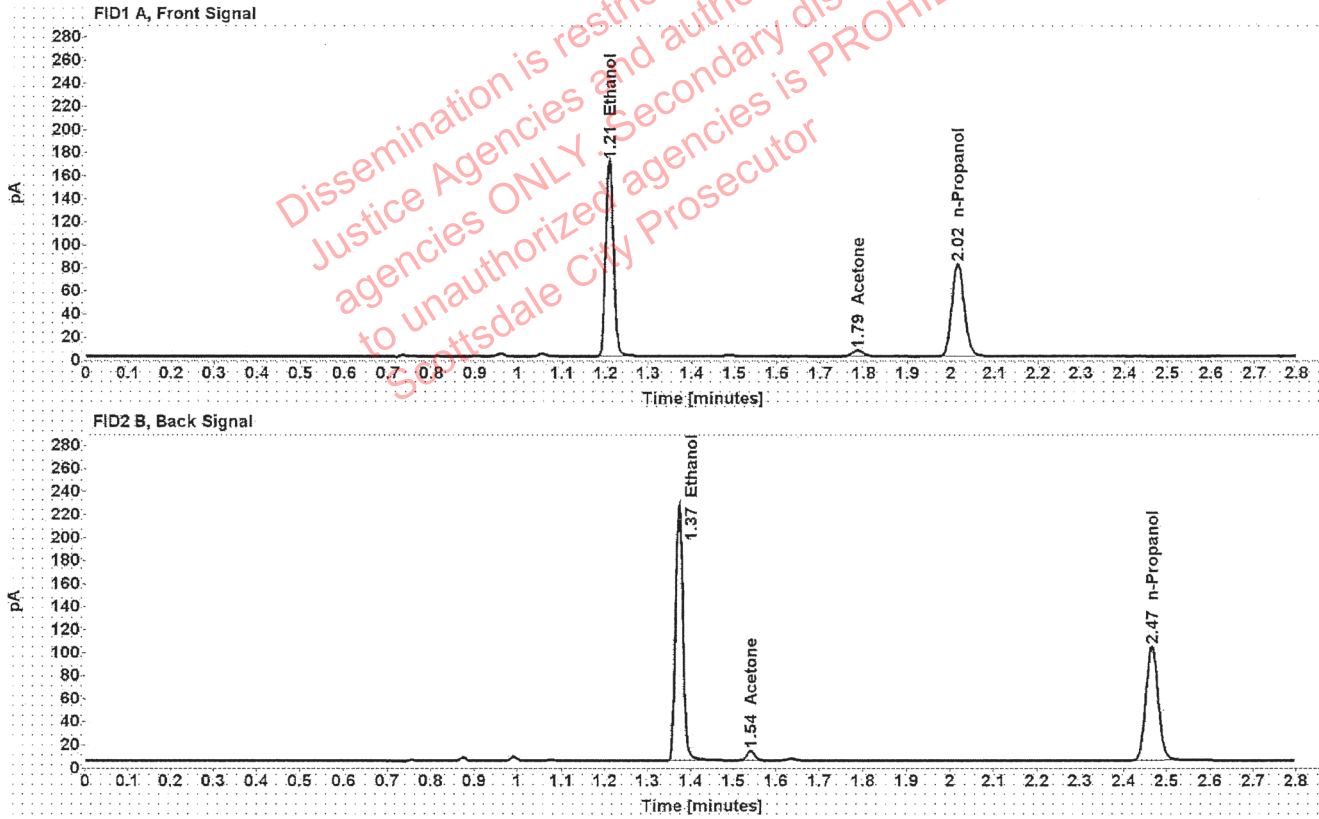


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3527	1.209	216.296
Acetone	-----	1.785	8.882
n-Propanol	-----	2.015	160.509

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

Compound	Time (min)	Peak Area
Ethanol	1.373	271.938
Acetone	1.541	10.831
n-Propanol	2.466	200.226

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1352406	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 3:55:08 PM
Data file:	C:\Chem32\1\Data\07Jul21\12.D	Analyst:	Abbott

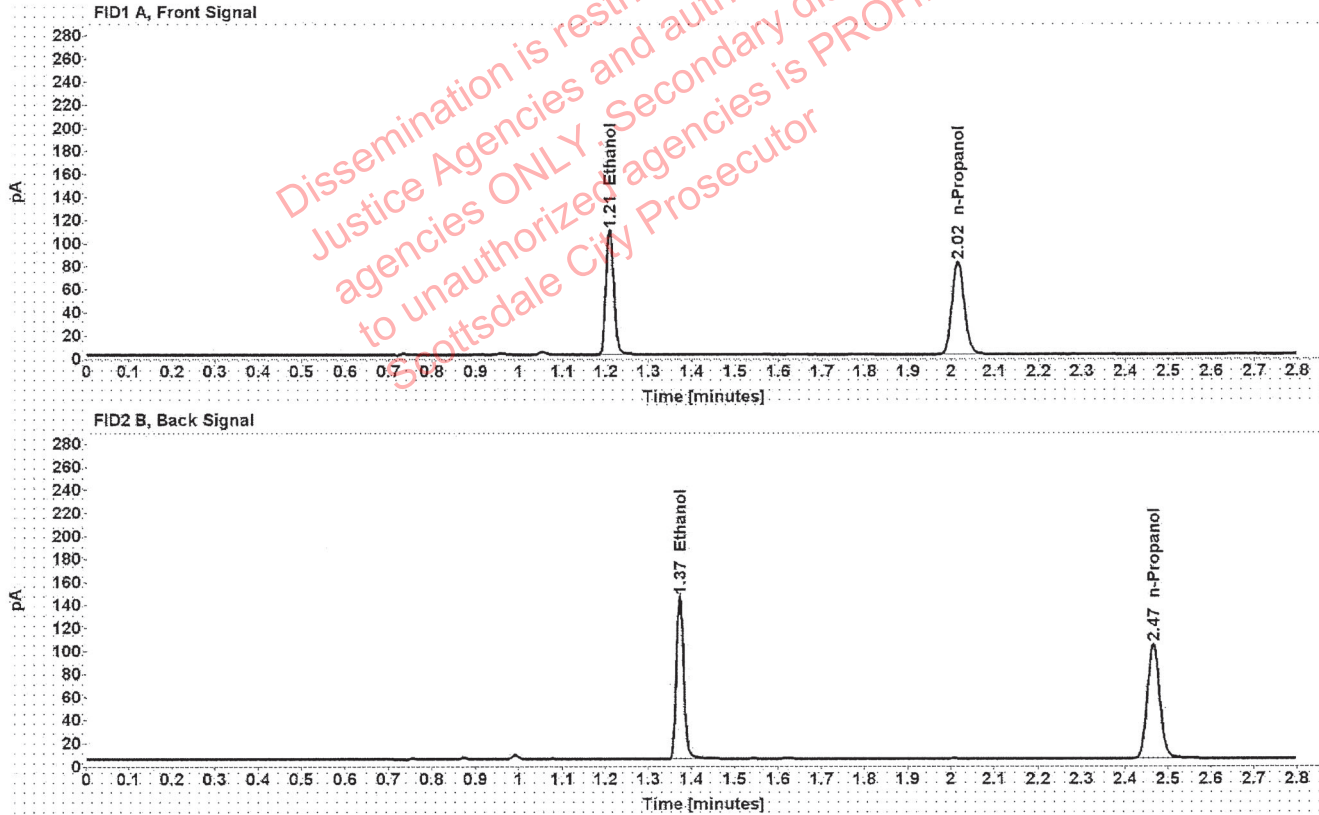


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2255	1.209	138.138
n-Propanol	-----	2.015	160.605

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

Compound	Time (min)	Peak Area
Ethanol	1.373	173.564
n-Propanol	2.466	200.919

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1352406	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 3:59:22 PM
Data file:	C:\Chem32\1\Data\07Jul21\13.D	Analyst:	Abbott

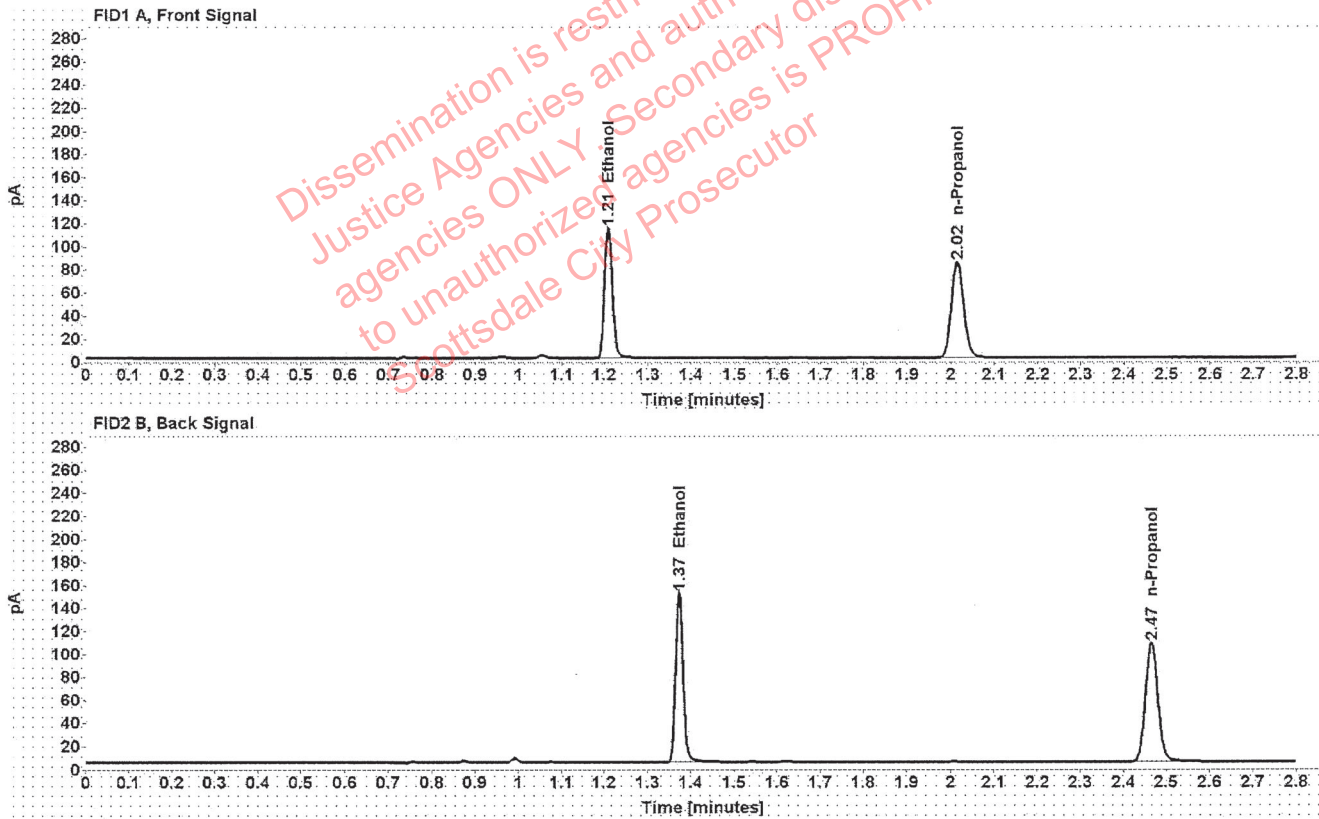


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2267	1.209	143.984
n-Propanol	-----	2.015	166.500

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

Compound	Time (min)	Peak Area
Ethanol	1.373	180.878
n-Propanol	2.466	208.413

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379028	Vial:	14
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:03:23 PM
Data file:	C:\Chem32\1\Data\07Jul21\14.D	Analyst:	Abbott

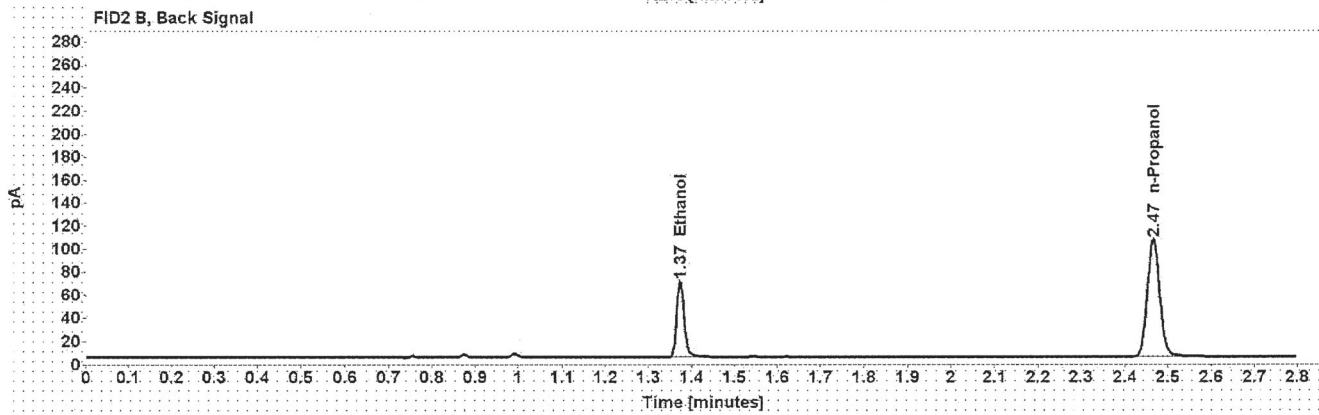
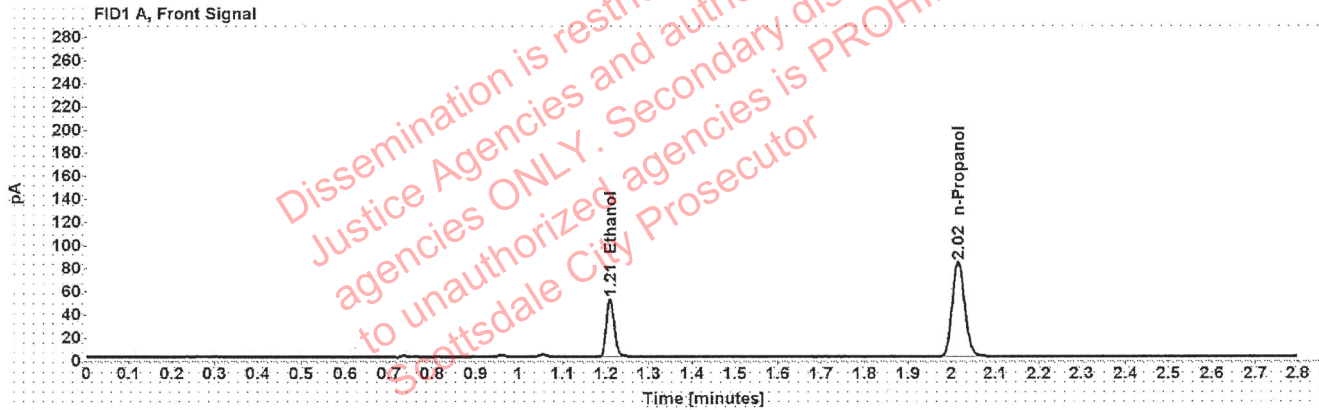


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1040	1.210	64.739
n-Propanol	-----	2.015	164.182

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

Compound	Time (min)	Peak Area
Ethanol	1.374	80.783
n-Propanol	2.466	205.477

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379028	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:07:22 PM
Data file:	C:\Chem32\1\Data\07Jul21\15.D	Analyst:	Abbott

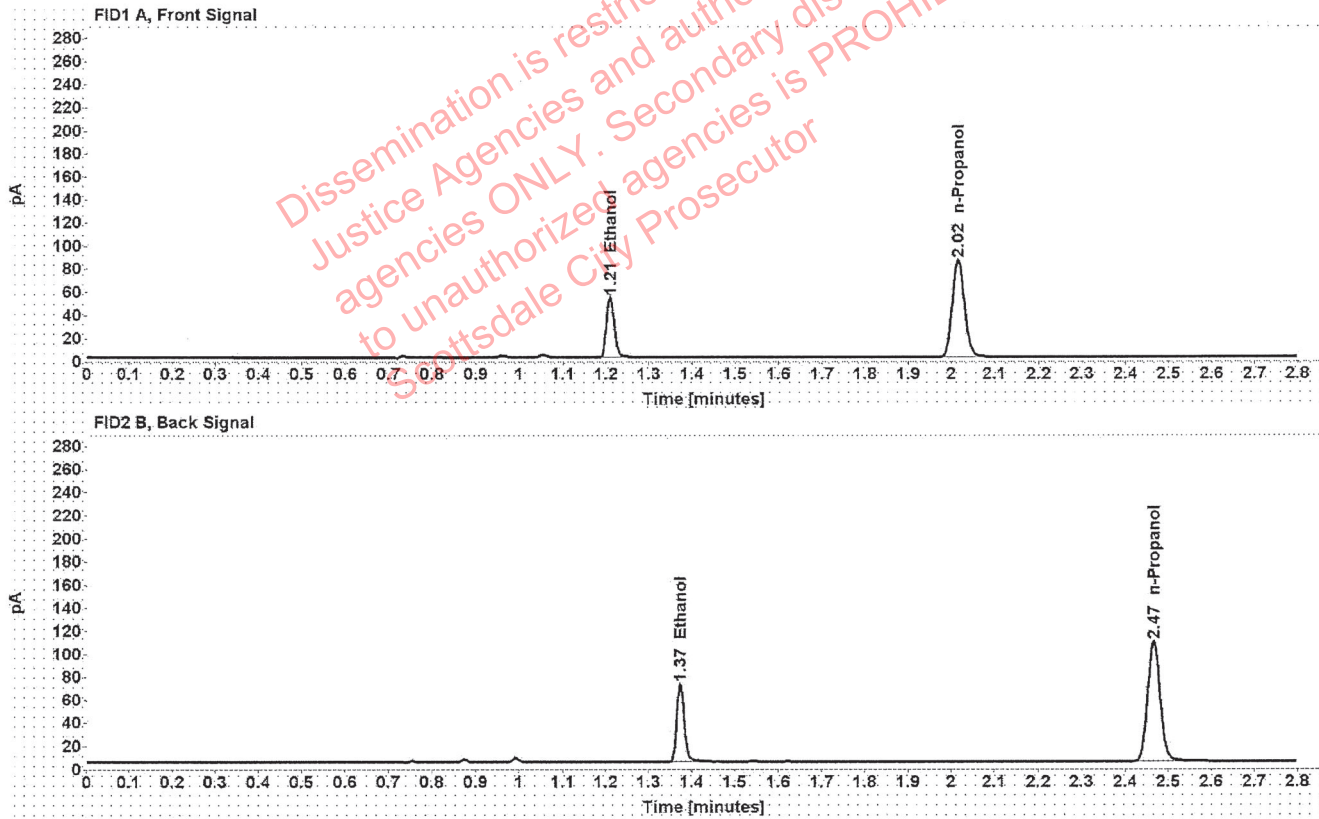


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1046	1.210	66.715
n-Propanol	-----	2.015	168.125

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

Compound	Time (min)	Peak Area
Ethanol	1.374	83.213
n-Propanol	2.466	210.396

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378839	Vial:	16
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:11:23 PM
Data file:	C:\Chem32\1\Data\07Jul21\16.D	Analyst:	Abbott

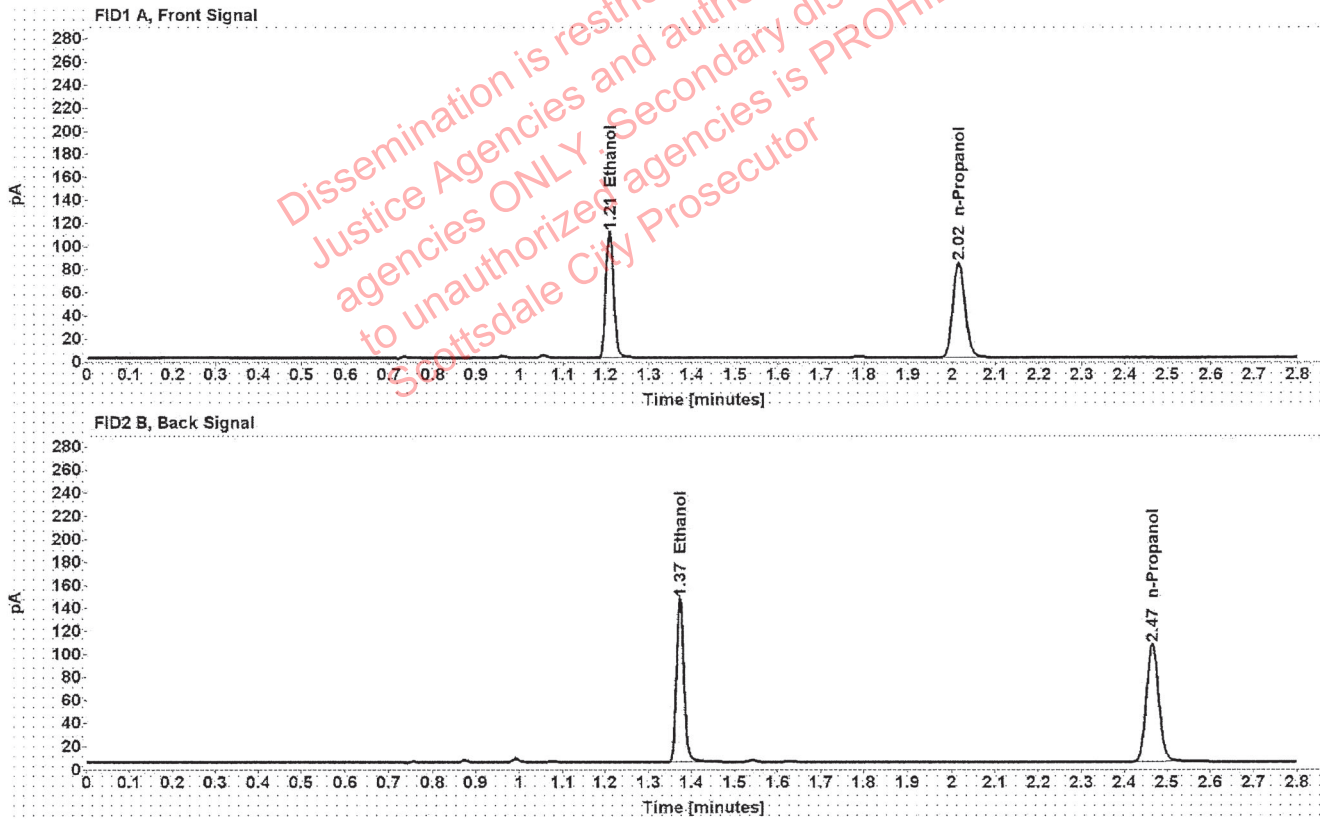


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2212	1.209	139.016
n-Propanol	-----	2.015	164.828

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

Compound	Time (min)	Peak Area
Ethanol	1.373	174.716
n-Propanol	2.466	205.869

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378839	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:15:22 PM
Data file:	C:\Chem32\1\Data\07Jul21\17.D	Analyst:	Abbott

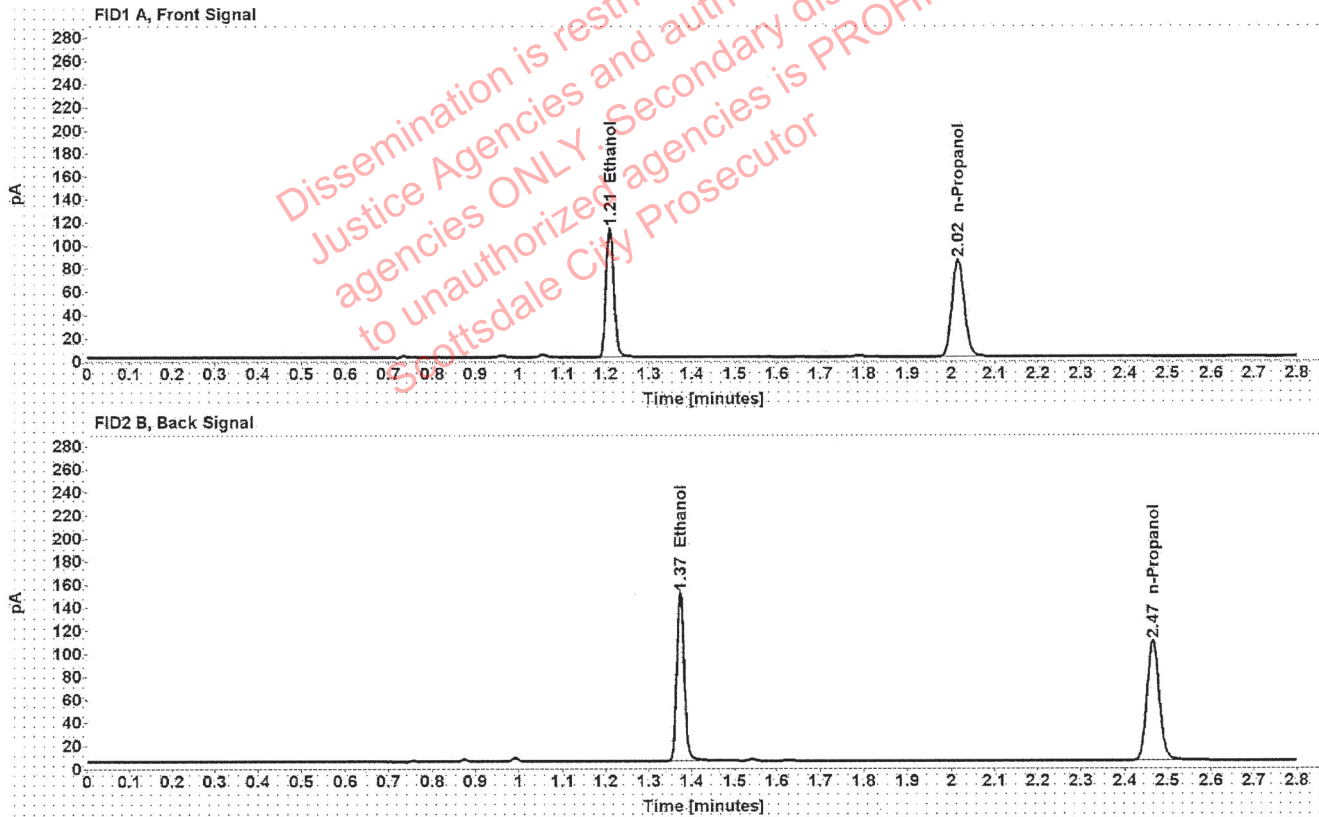


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2229	1.209	142.721
n-Propanol	-----	2.015	167.861

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

Compound	Time (min)	Peak Area
Ethanol	1.373	179.796
n-Propanol	2.466	210.013

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379379	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:19:26 PM
Data file:	C:\Chem32\1\Data\07Jul21\18.D	Analyst:	Abbott

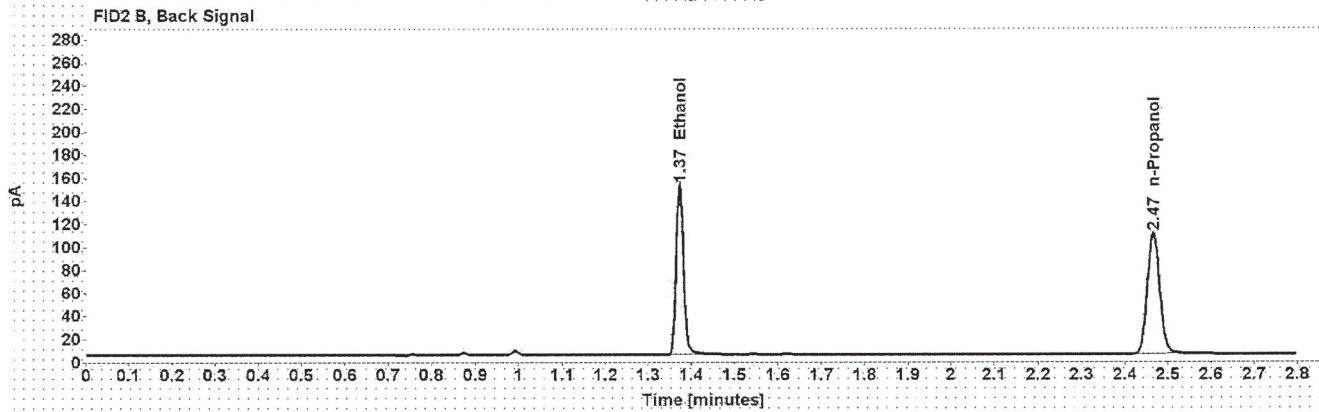
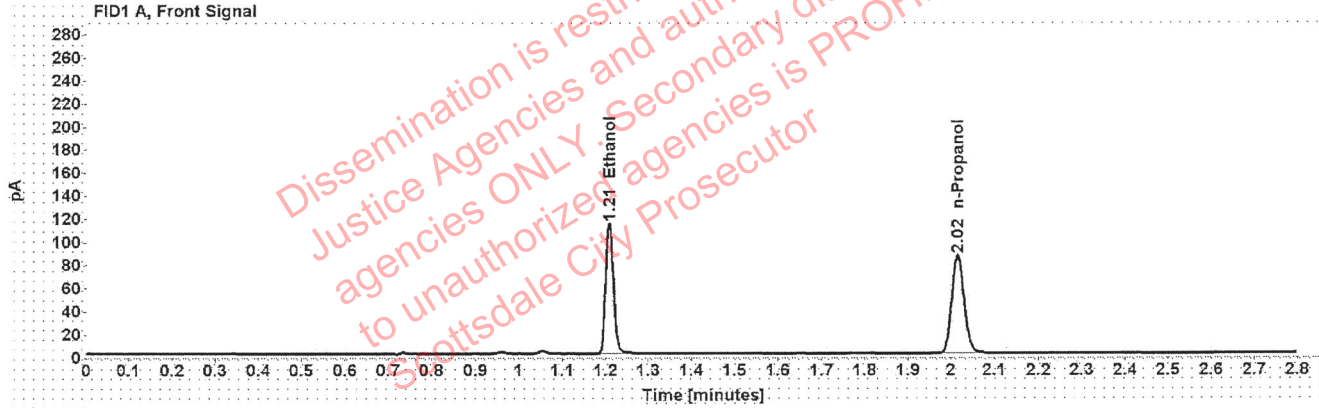


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2226	1.209	144.147
n-Propanol	-----	2.015	169.815

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

Compound	Time (min)	Peak Area
Ethanol	1.373	181.096
n-Propanol	2.466	211.921

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379379	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:23:37 PM
Data file:	C:\Chem32\1\Data\07Jul21\19.D	Analyst:	Abbott

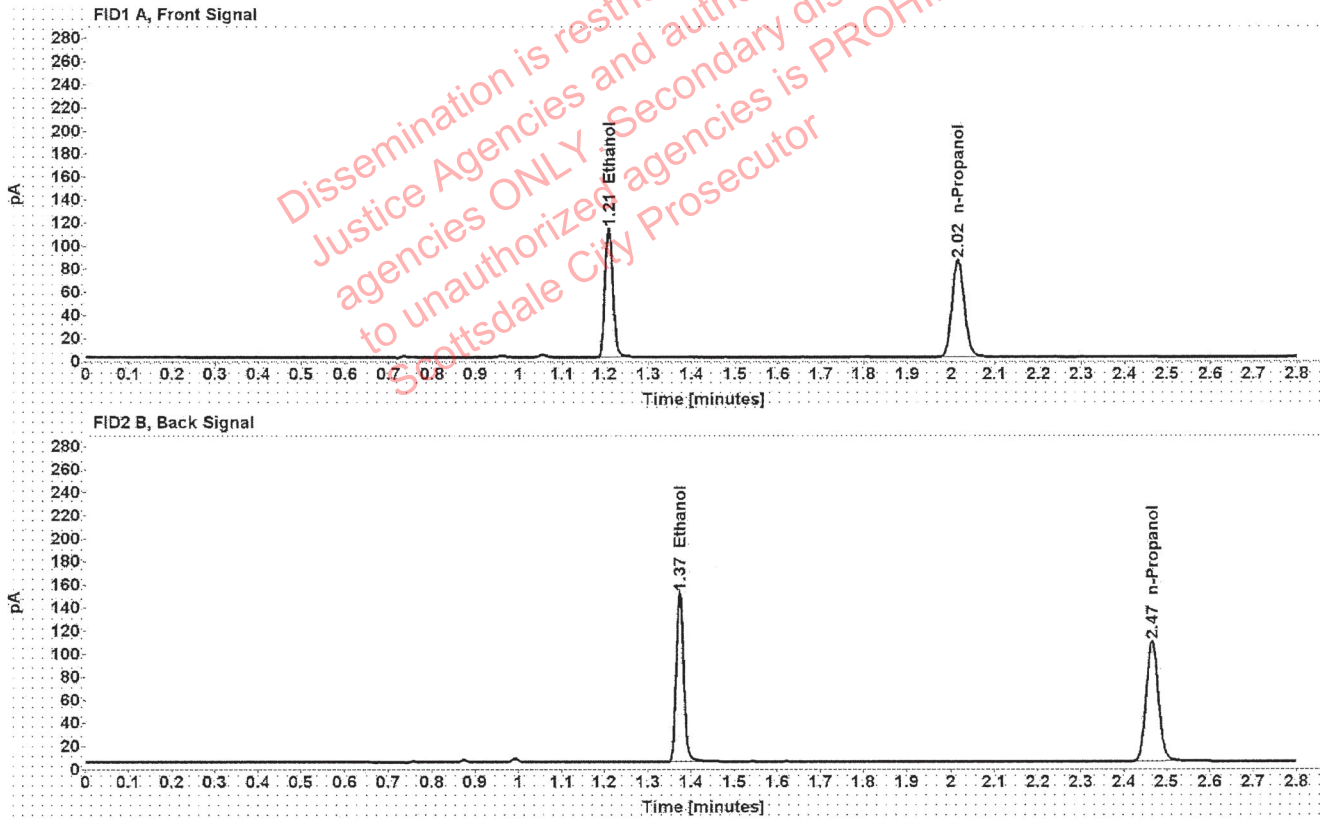


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2224	1.209	142.897
n-Propanol	-----	2.015	168.522

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

Compound	Time (min)	Peak Area
Ethanol	1.373	180.902
n-Propanol	2.466	210.376

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379513	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:31:37 PM
Data file:	C:\Chem32\1\Data\07Jul21\21.D	Analyst:	Abbott

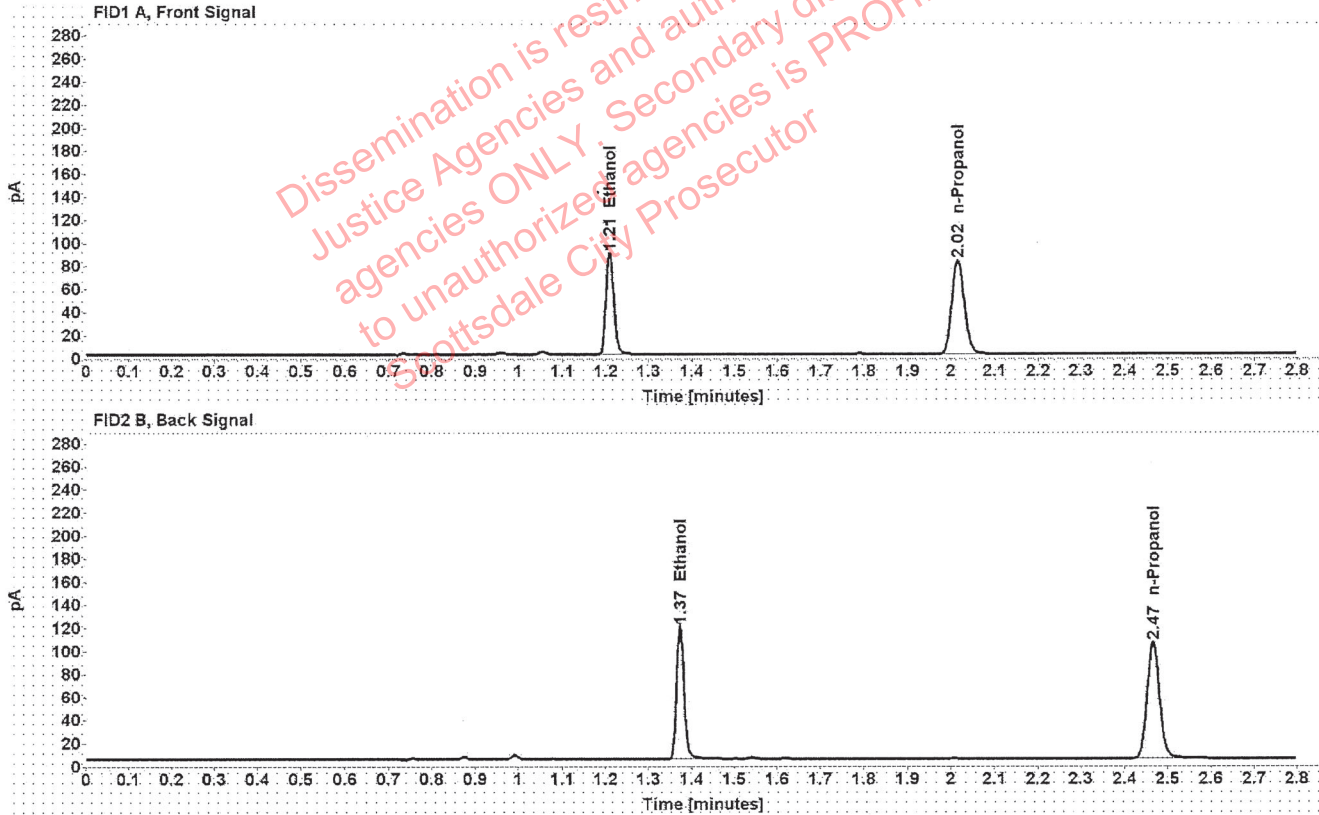


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1819	1.209	112.763
n-Propanol	-----	2.015	162.774

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

Compound	Time (min)	Peak Area
Ethanol	1.373	141.313
n-Propanol	2.466	204.014

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379513	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:35:37 PM
Data file:	C:\Chem32\1\Data\07Jul21\22.D	Analyst:	Abbott

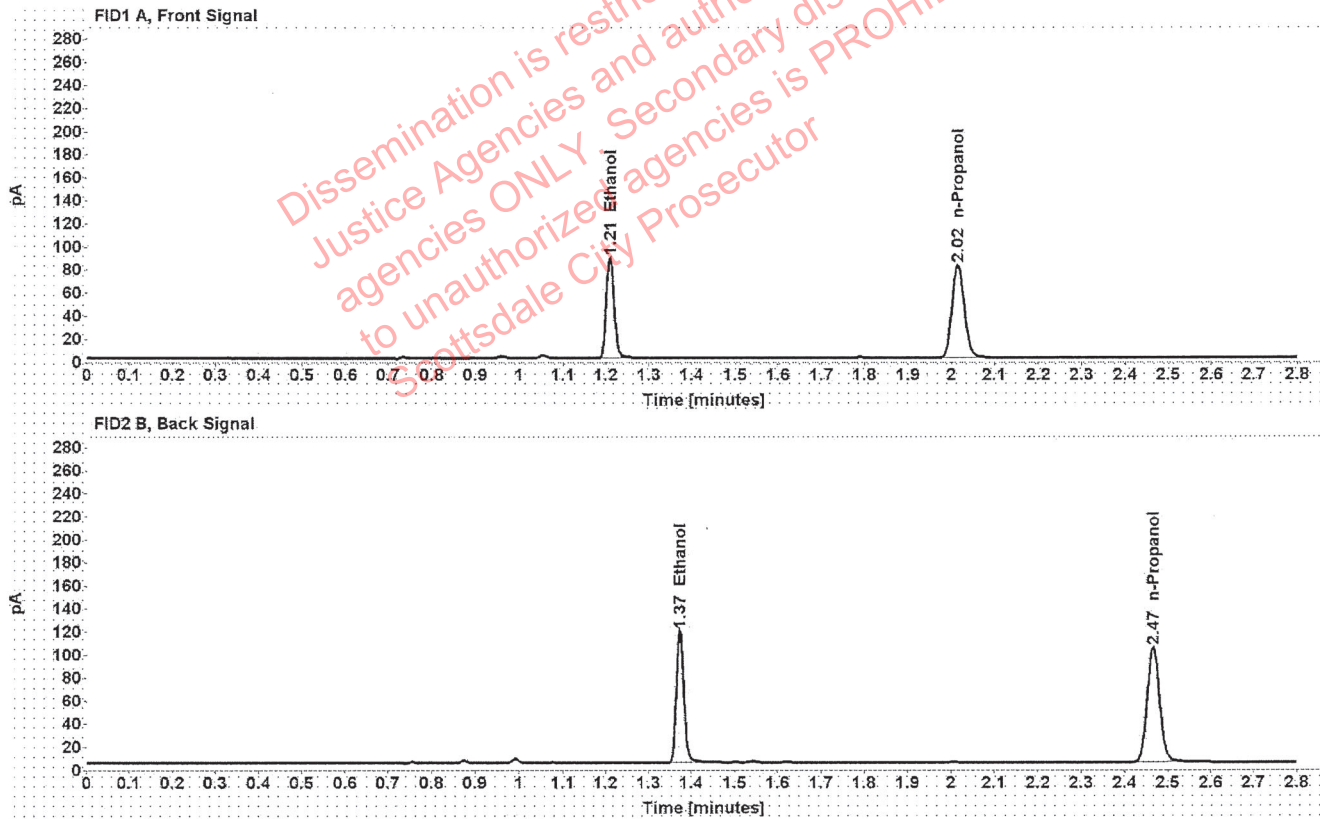


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1829	1.209	112.282
n-Propanol	-----	2.015	161.190

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

Compound	Time (min)	Peak Area
Ethanol	1.373	140.761
n-Propanol	2.466	202.015

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379282	Vial:	23
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:39:38 PM
Data file:	C:\Chem32\1\Data\07Jul21\23.D	Analyst:	Abbott

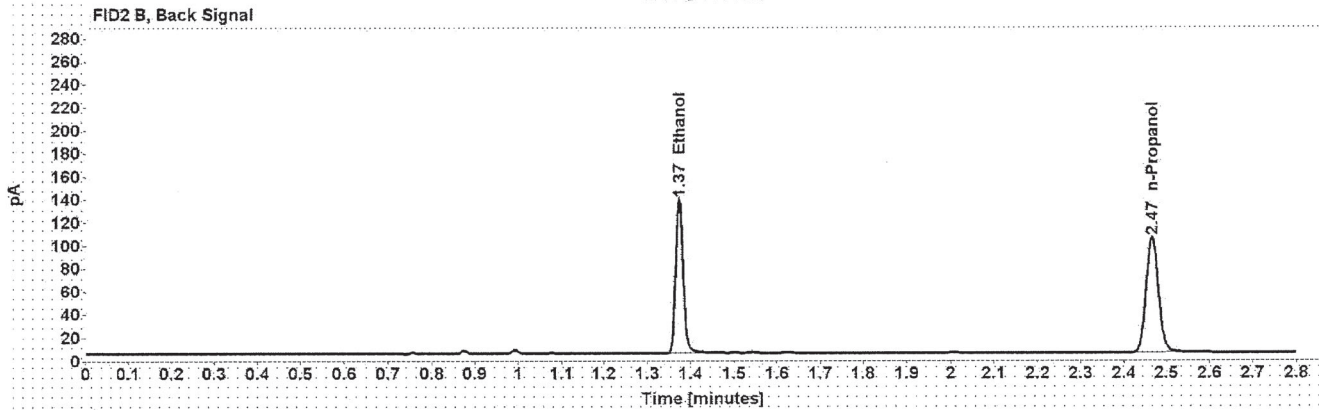
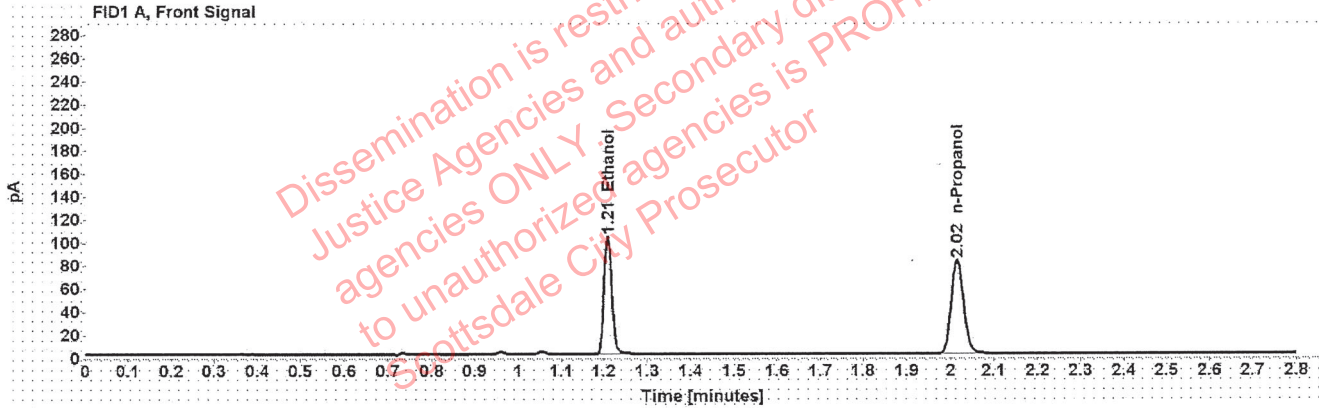


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2120	1.209	130.512
n-Propanol	-----	2.015	161.498

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

Compound	Time (min)	Peak Area
Ethanol	1.373	164.244
n-Propanol	2.466	202.202

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379282	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:43:37 PM
Data file:	C:\Chem32\1\Data\07Jul21\24.D	Analyst:	Abbott

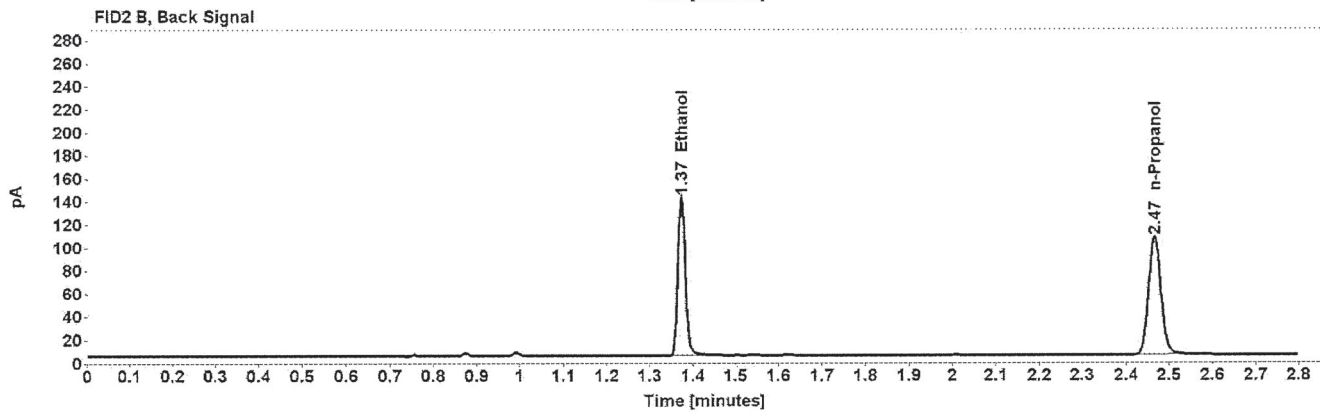
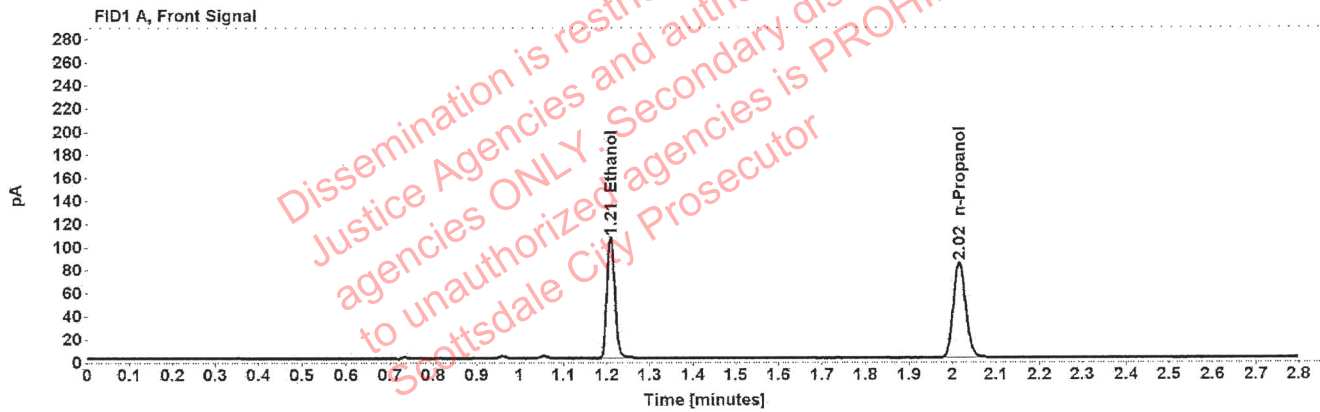


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2130	1.209	134.190
n-Propanol	-----	2.015	165.241

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

Compound	Time (min)	Peak Area
Ethanol	1.373	170.056
n-Propanol	2.466	206.944

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379050	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:47:53 PM
Data file:	C:\Chem32\1\Data\07Jul21\25.D	Analyst:	Abbott

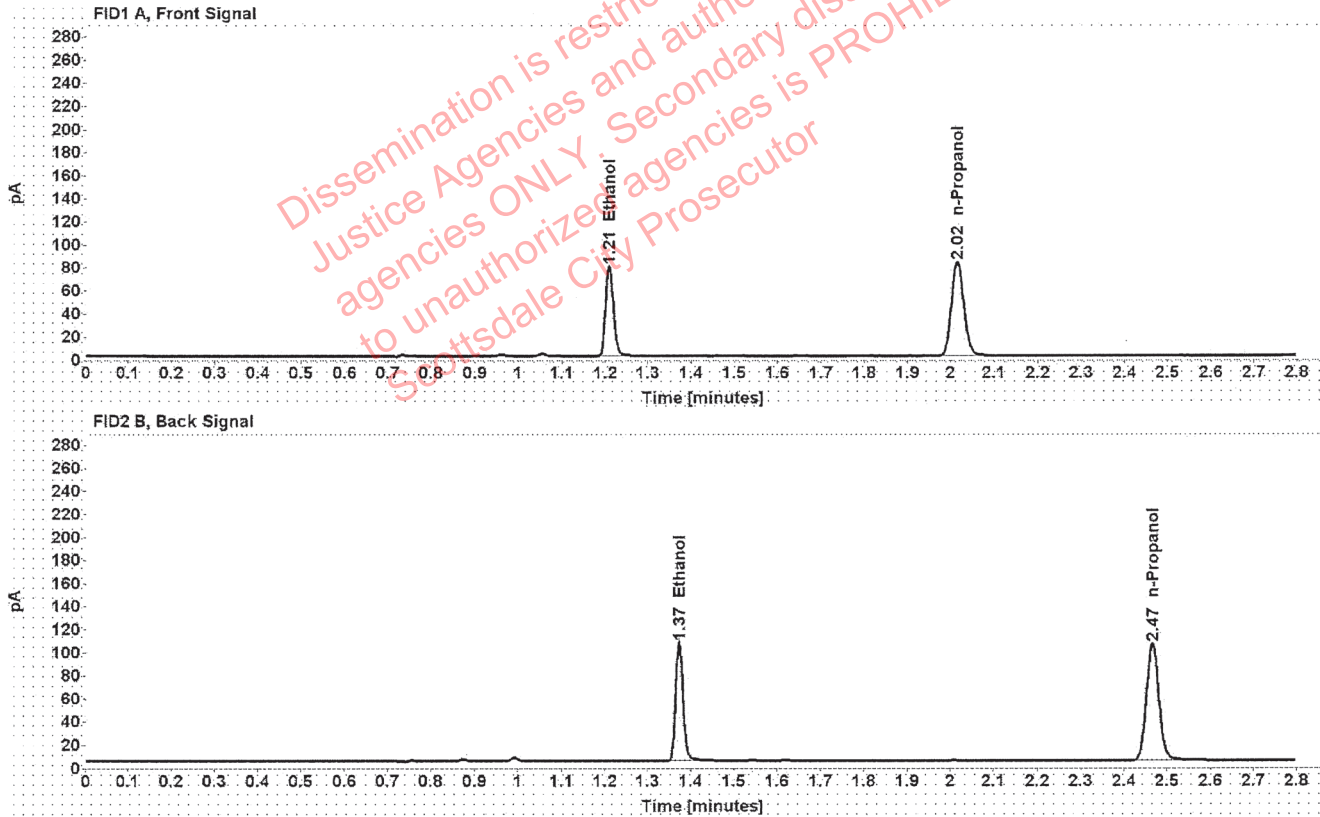


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1611	1.209	100.186
n-Propanol	-----	2.015	163.372

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

Compound	Time (min)	Peak Area
Ethanol	1.373	125.460
n-Propanol	2.466	204.660

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379050	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:51:53 PM
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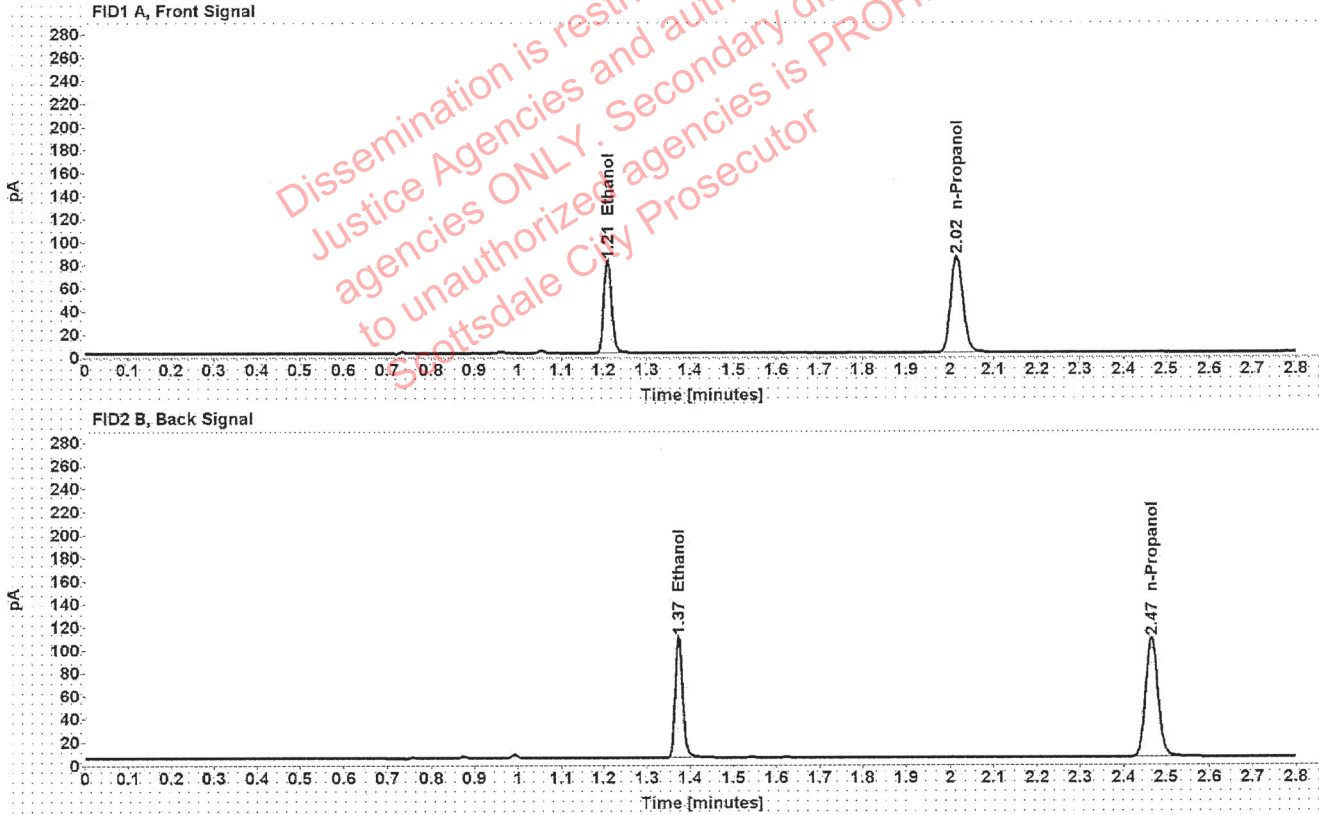


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1621	1.209	102.918
n-Propanol	-----	2.015	166.766

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

Compound	Time (min)	Peak Area
Ethanol	1.373	128.914
n-Propanol	2.466	208.942

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379287	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:55:53 PM
Data file:	C:\Chem32\1\Data\07Jul21\27.D	Analyst:	Abbott

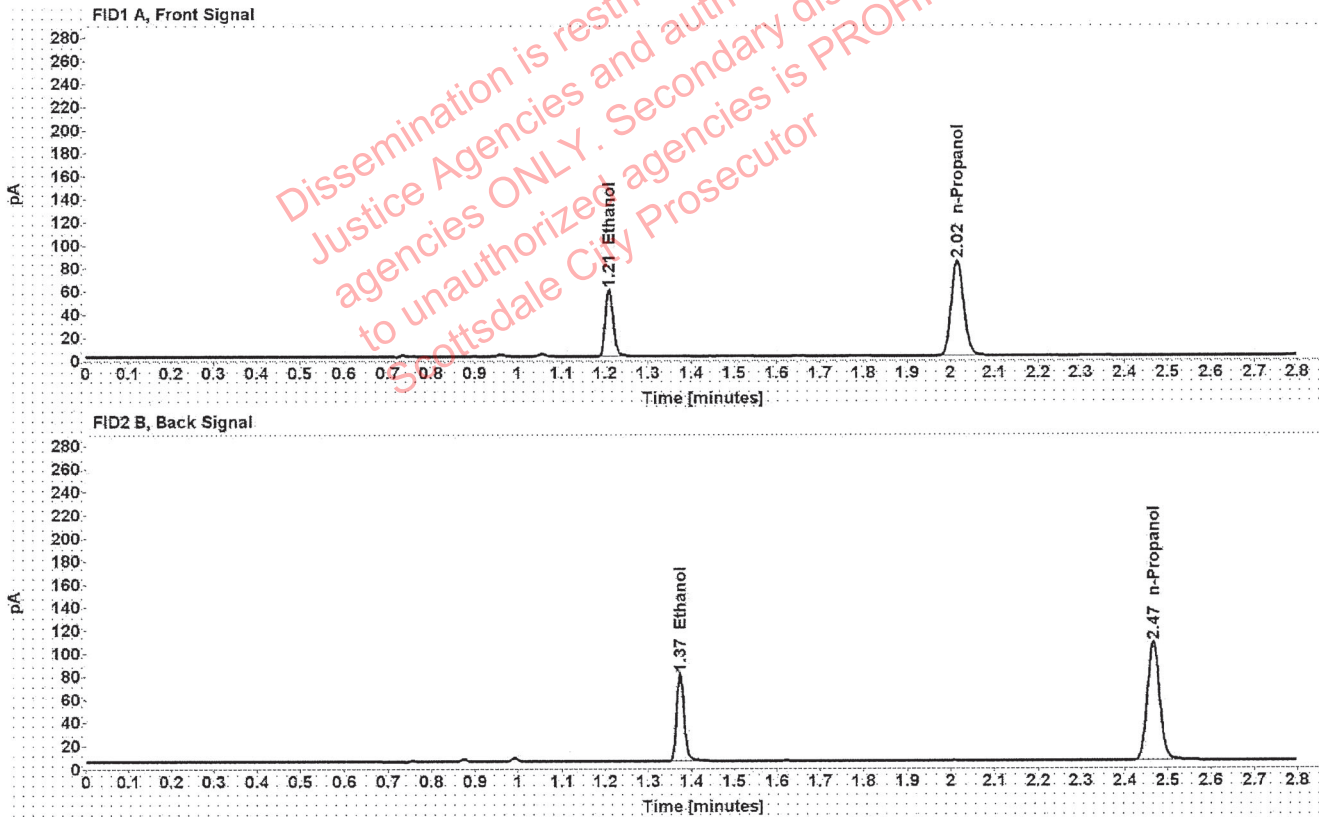


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1188	1.210	74.280
n-Propanol	-----	2.015	164.636

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

Compound	Time (min)	Peak Area
Ethanol	1.374	93.008
n-Propanol	2.466	206.519

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379287	Vial:	28
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 4:59:52 PM
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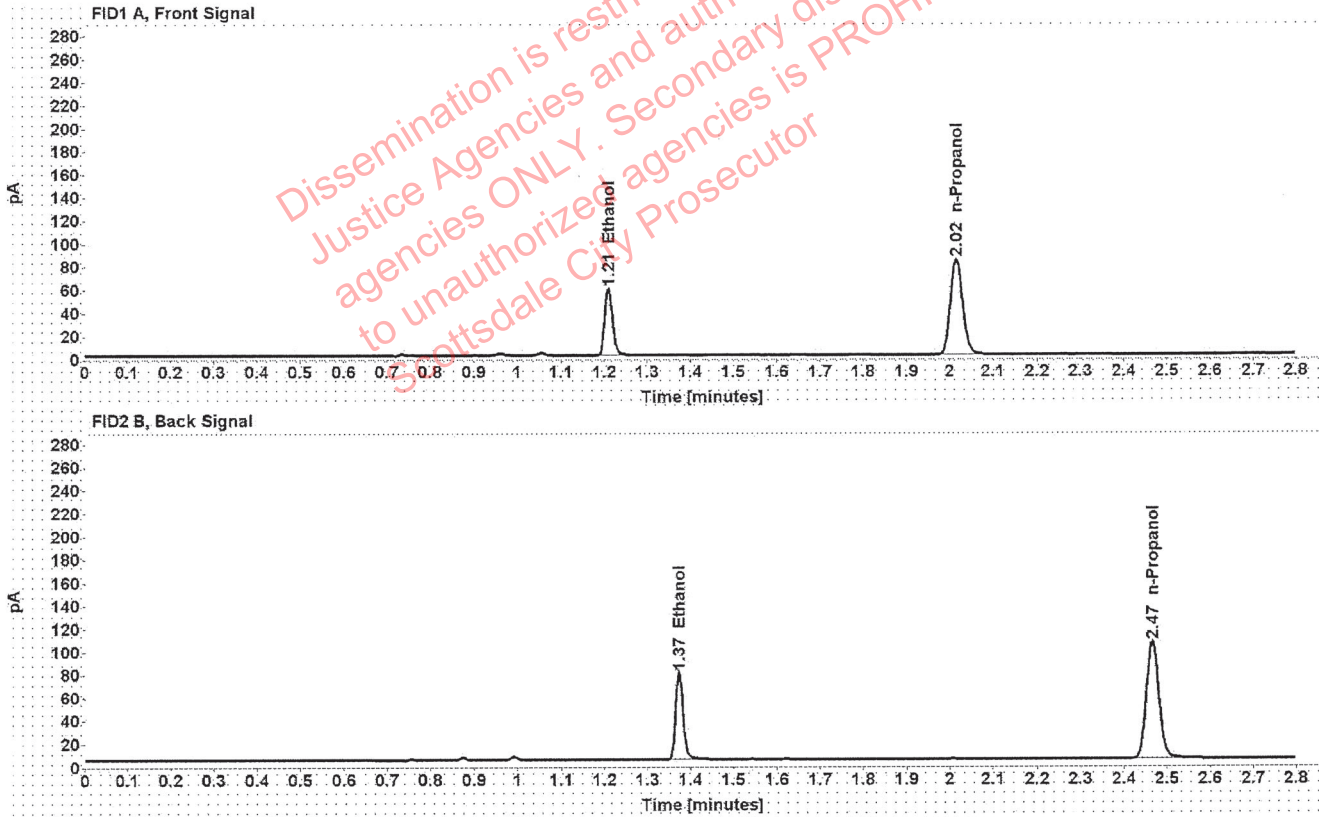


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1189	1.210	74.190
n-Propanol	-----	2.015	164.316

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

Compound	Time (min)	Peak Area
Ethanol	1.374	92.927
n-Propanol	2.466	205.951

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379135	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 5:03:52 PM
Data file:	C:\Chem32\1\Data\07Jul21\29.D	Analyst:	Abbott

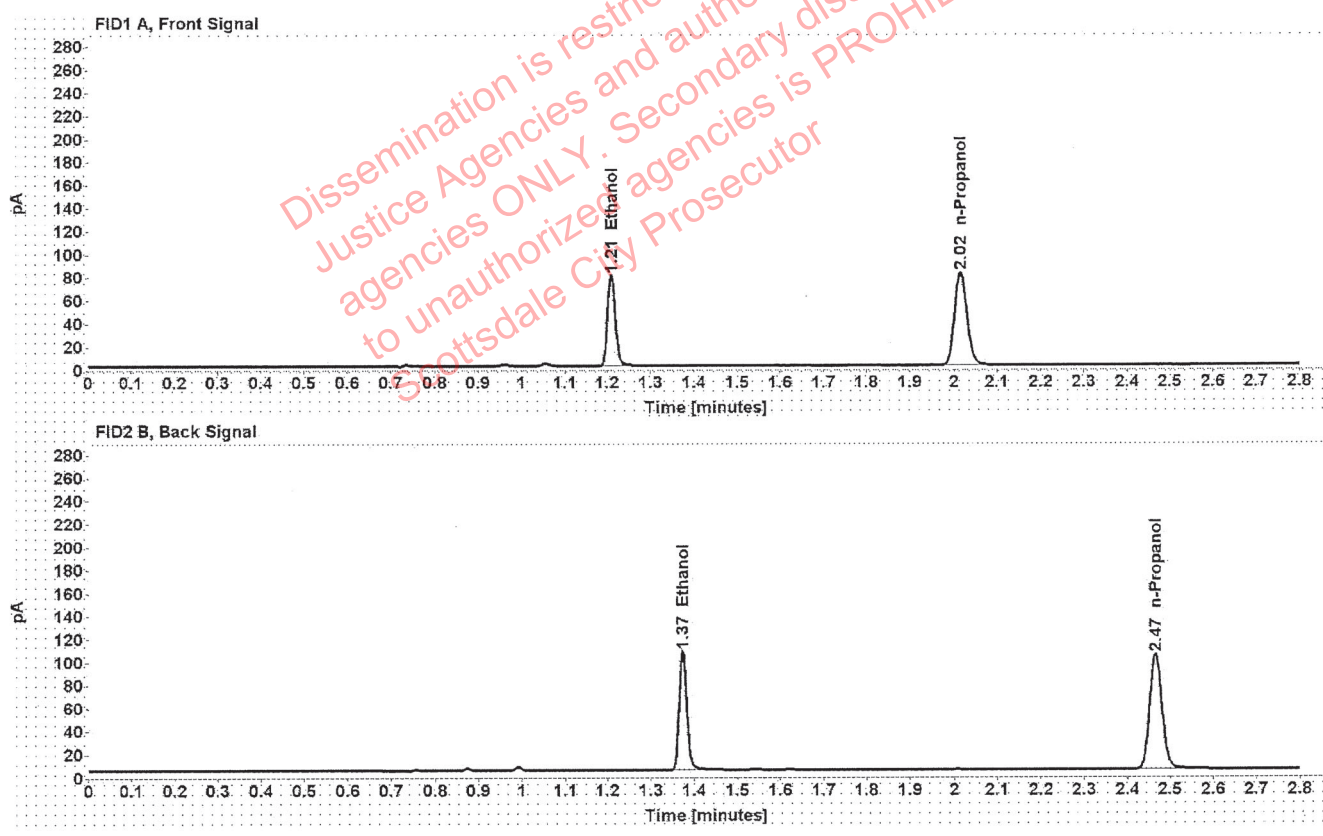


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1650	1.209	100.853
n-Propanol	-----	2.015	160.572

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

Compound	Time (min)	Peak Area
Ethanol	1.373	126.411
n-Propanol	2.466	201.362

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379135	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 5:07:52 PM
Data file:	C:\Chem32\1\Data\07Jul21\30.D	Analyst:	Abbott

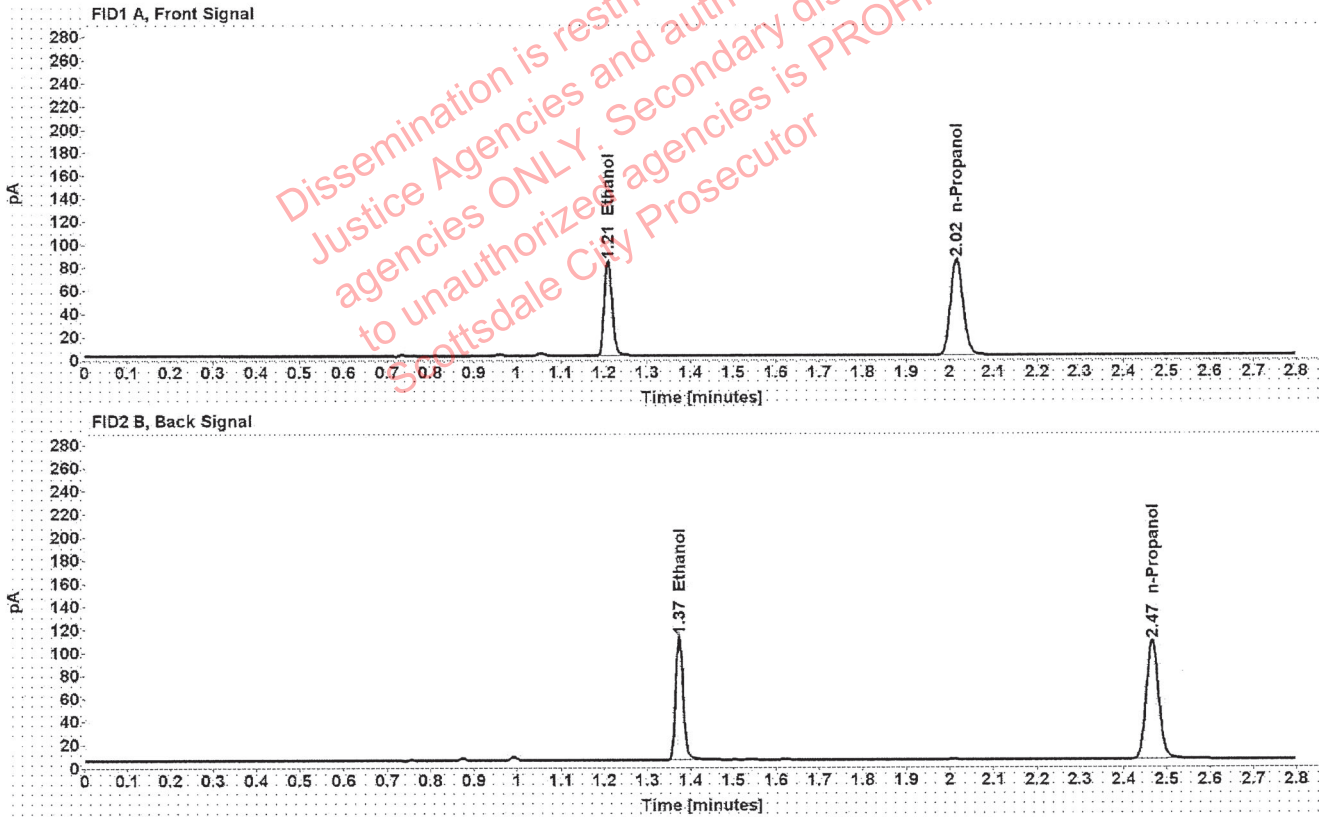


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1663	1.209	105.233
n-Propanol	-----	2.015	166.232

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

Compound	Time (min)	Peak Area
Ethanol	1.373	132.062
n-Propanol	2.466	208.702

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33301ST	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 5:16:08 PM
Data file:	C:\Chem32\1\Data\07Jul21\32.D	Analyst:	Abbott

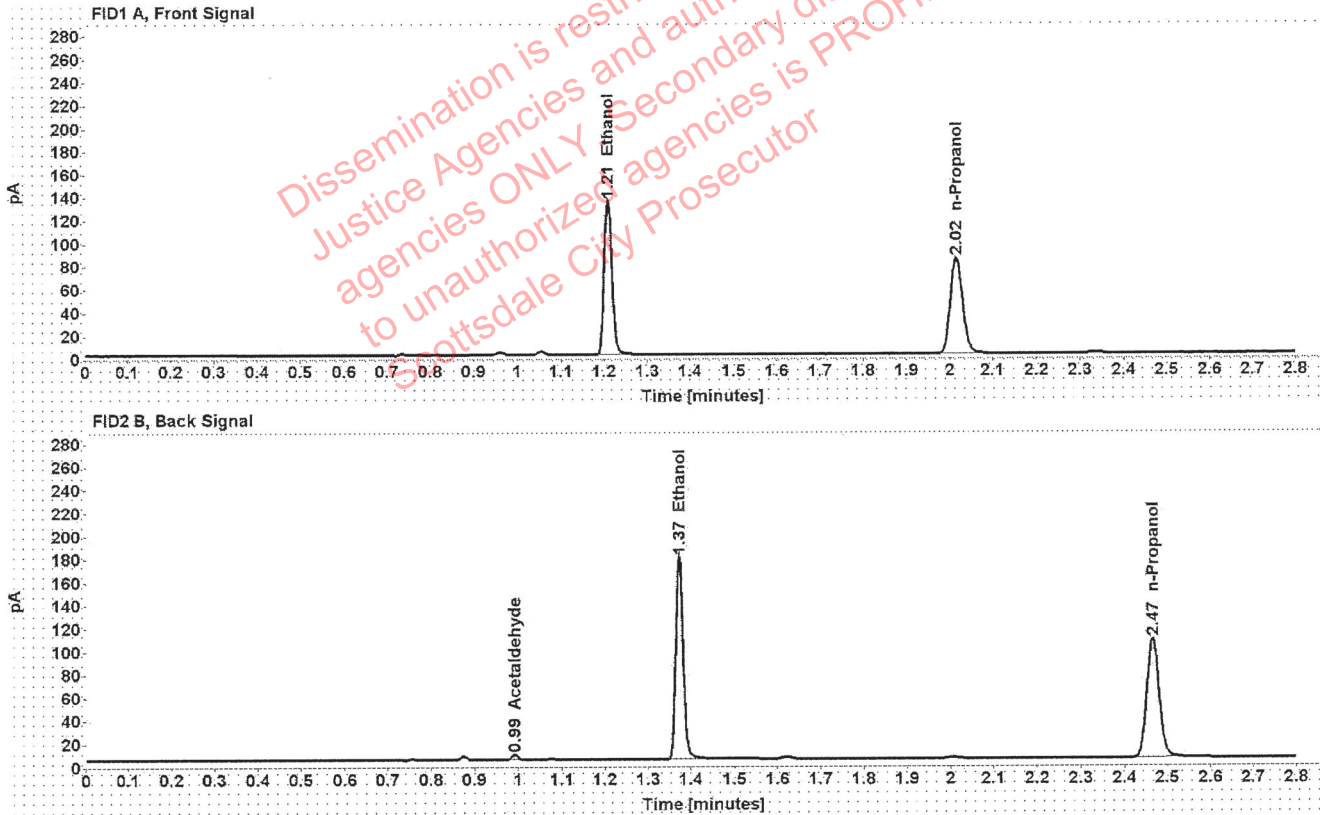


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2678	1.209	170.580
n-Propanol	-----	2.015	166.861

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.061
Ethanol	1.373	216.263
n-Propanol	2.466	208.067

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33301ST	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 5:20:08 PM
Data file:	C:\Chem32\1\Data\07Jul21\33.D	Analyst:	Abbott

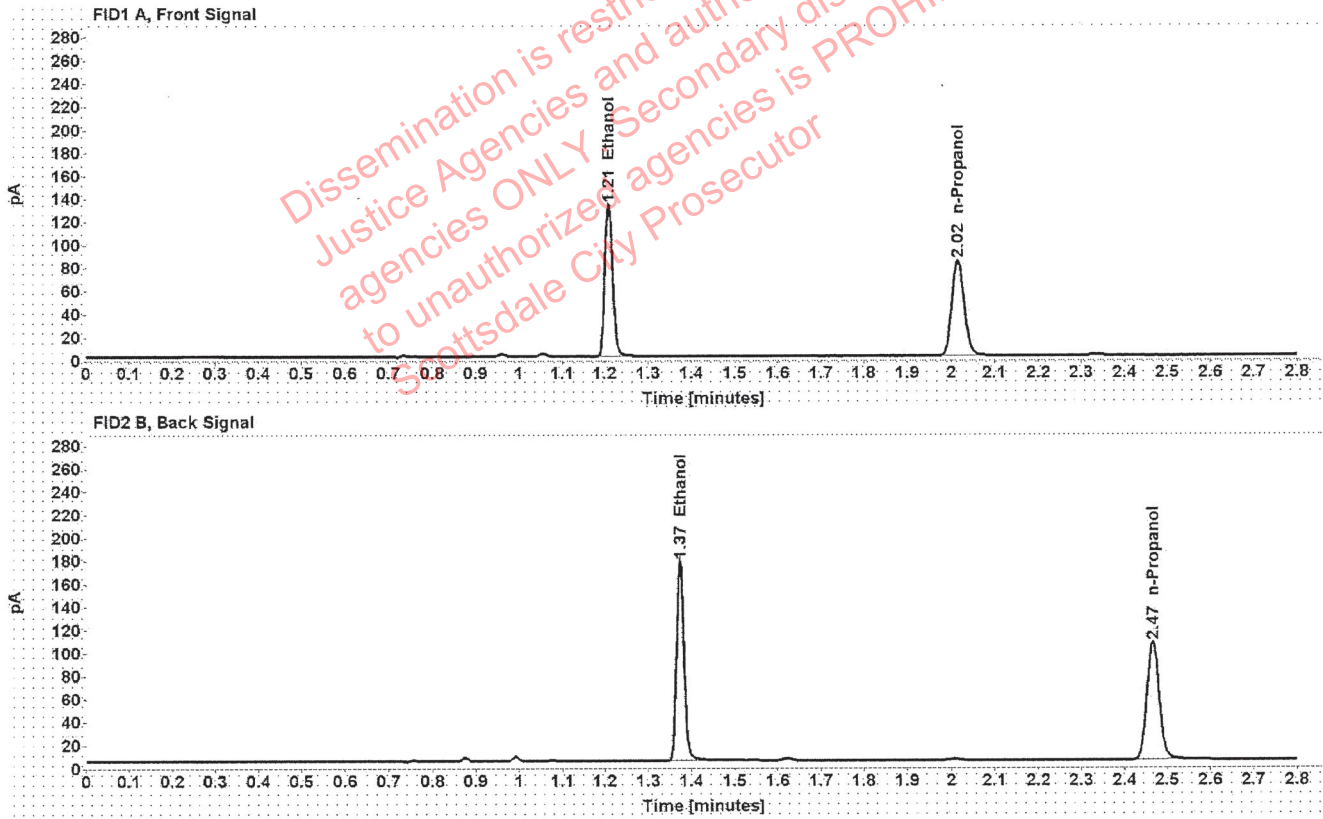


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2690	1.209	168.805
n-Propanol	-----	2.015	164.429

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

Compound	Time (min)	Peak Area
Ethanol	1.373	214.032
n-Propanol	2.466	206.723

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	37201MC	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 5:24:08 PM
Data file:	C:\Chem32\1\Data\07Jul21\34.D	Analyst:	Abbott

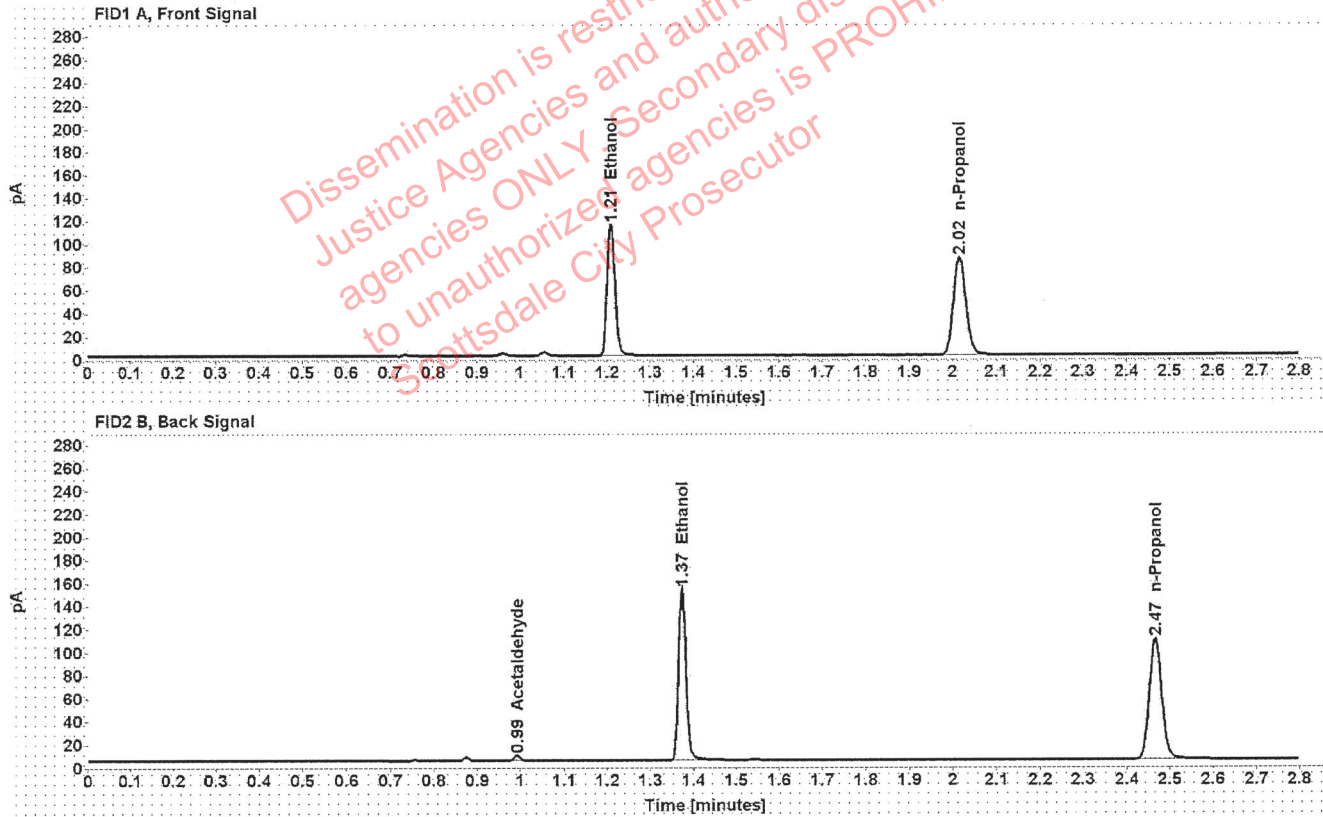


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2250	1.209	145.260
n-Propanol	-----	2.015	169.293

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.159
Ethanol	1.373	183.009
n-Propanol	2.466	212.038

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 37201MC	Vial: 35
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 07Jul21
Instrument: US14173023 CN14160045	Injection date: 7/7/2021 5:28:08 PM
Data file: C:\Chem32\1\Data\07Jul21\35.D	Analyst: Abbott

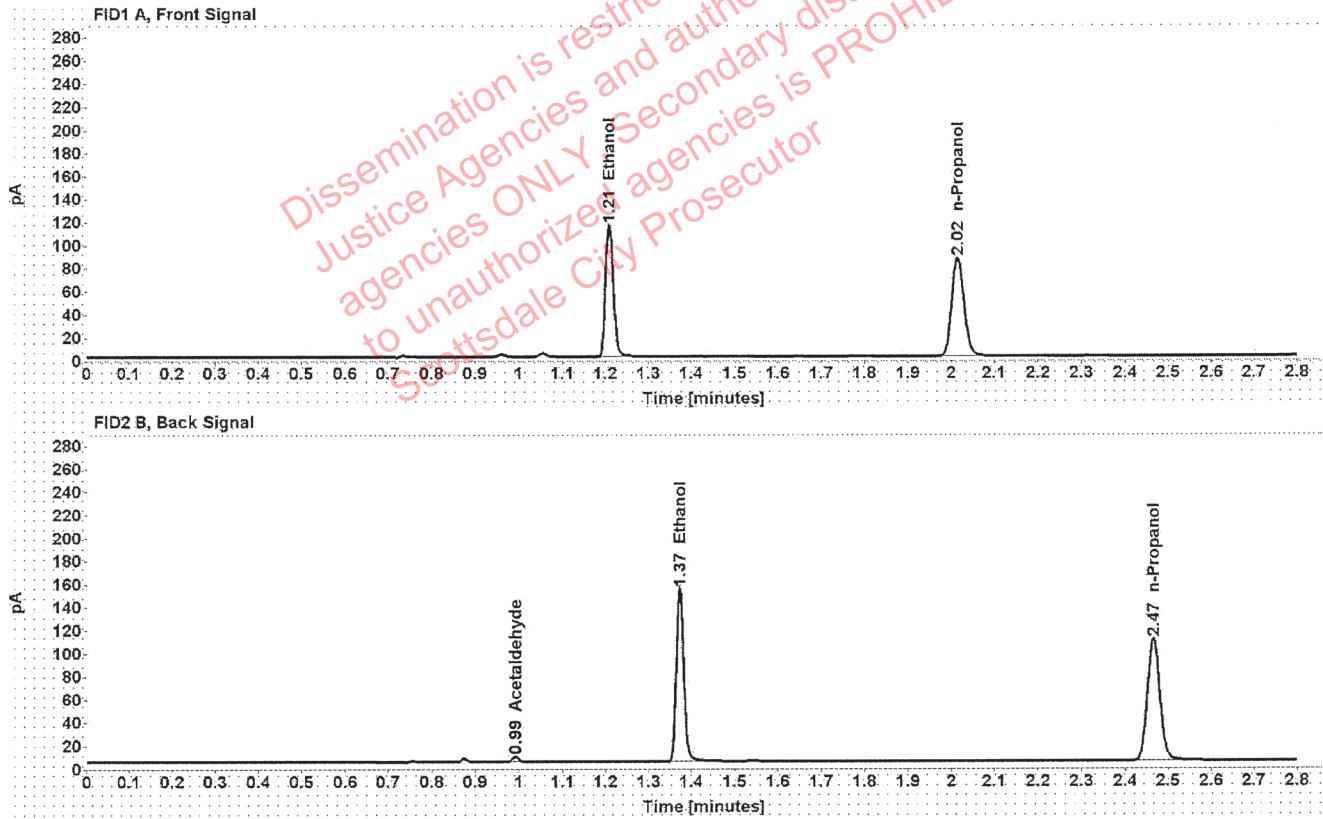


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2251	1.209	146.233
n-Propanol	-----	2.015	170.358

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.237
Ethanol	1.373	184.440
n-Propanol	2.466	213.506

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38101MM	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 5:32:08 PM
Data file:	C:\Chem32\1\Data\07Jul21\36.D	Analyst:	Abbott

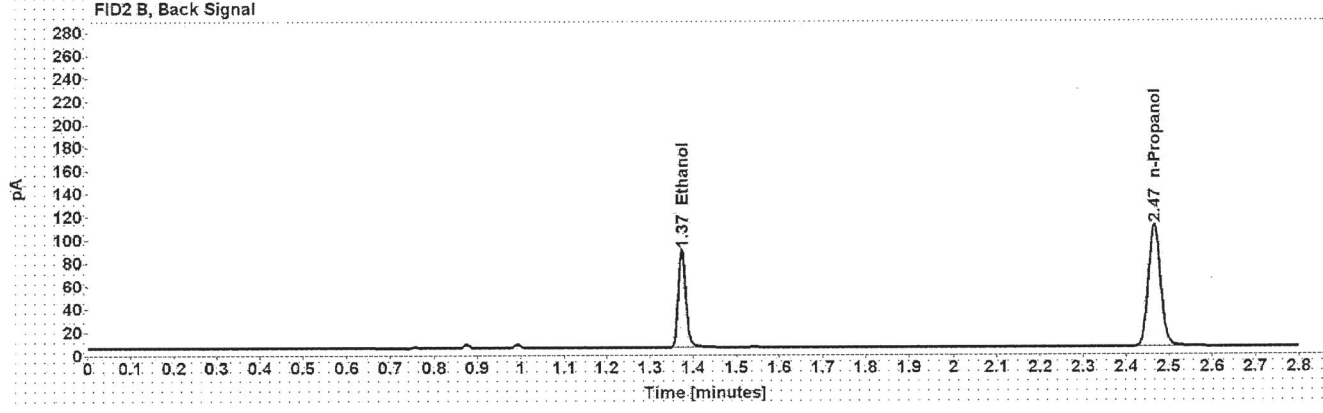
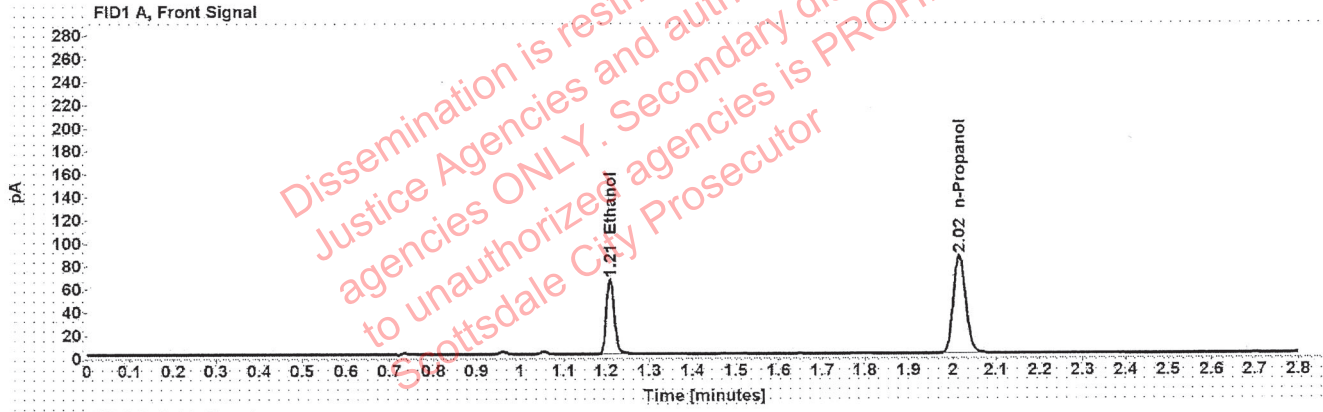


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1284	1.210	82.846
n-Propanol	-----	2.015	169.808

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

Compound	Time (min)	Peak Area
Ethanol	1.373	103.832
n-Propanol	2.466	212.975

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38101MM	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 5:36:22 PM
Data file:	C:\Chem32\1\Data\07Jul21\37.D	Analyst:	Abbott

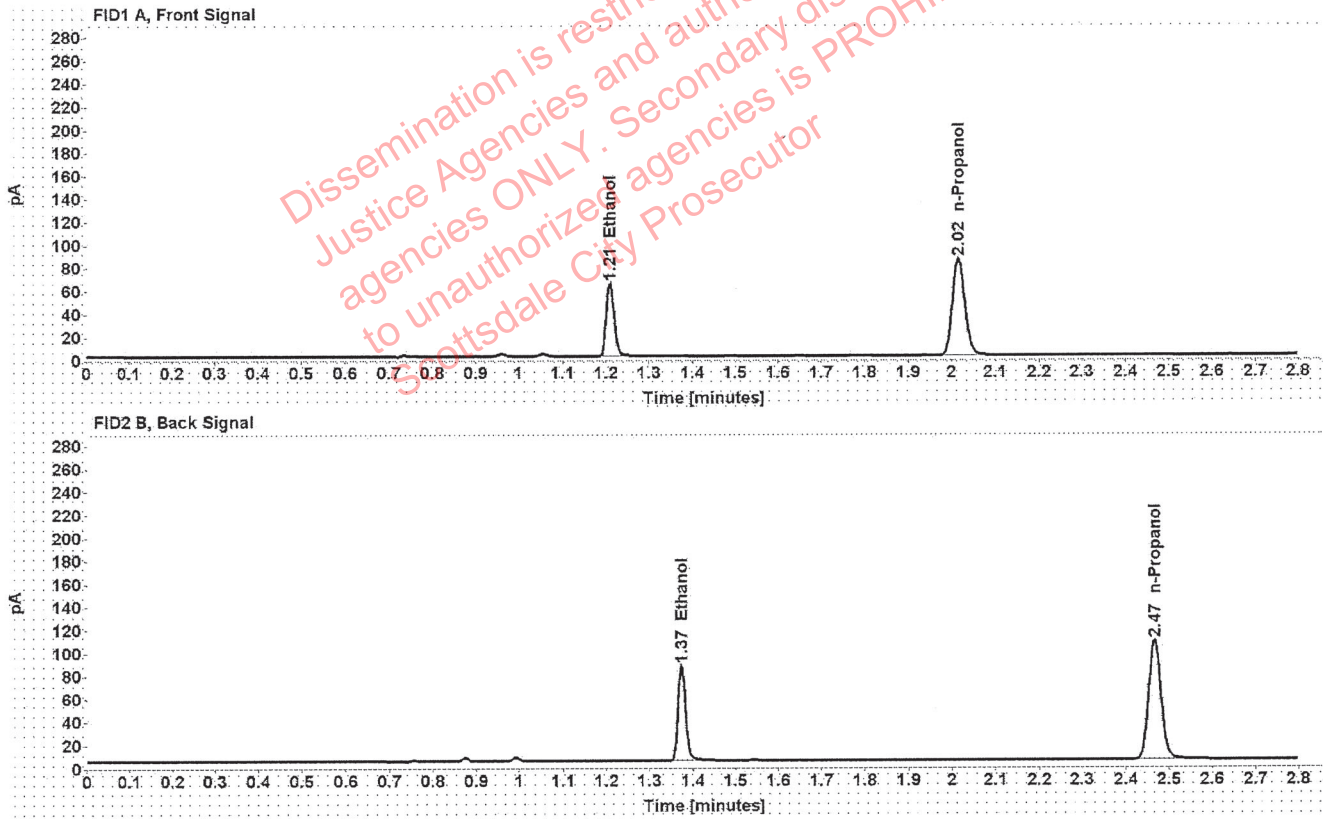


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1278	1.210	81.457
n-Propanol	-----	2.015	167.771

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

Compound	Time (min)	Peak Area
Ethanol	1.374	102.220
n-Propanol	2.466	209.902

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701KK	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 5:40:22 PM
Data file:	C:\Chem32\1\Data\07Jul21\38.D	Analyst:	Abbott

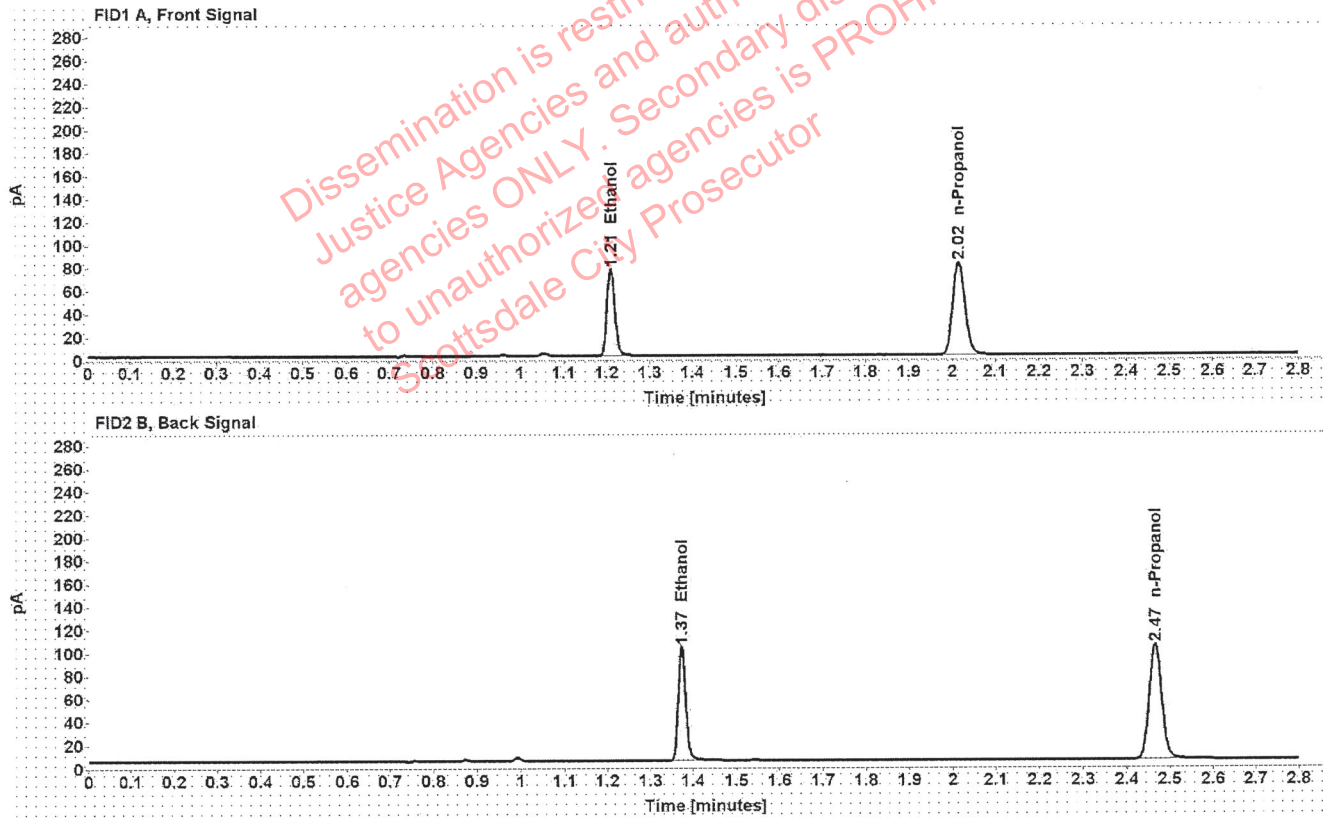


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1576	1.209	96.540
n-Propanol	-----	2.015	160.935

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

Compound	Time (min)	Peak Area
Ethanol	1.373	121.093
n-Propanol	2.466	201.517

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701KK	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 5:44:22 PM
Data file:	C:\Chem32\1\Data\07Jul21\39.D	Analyst:	Abbott

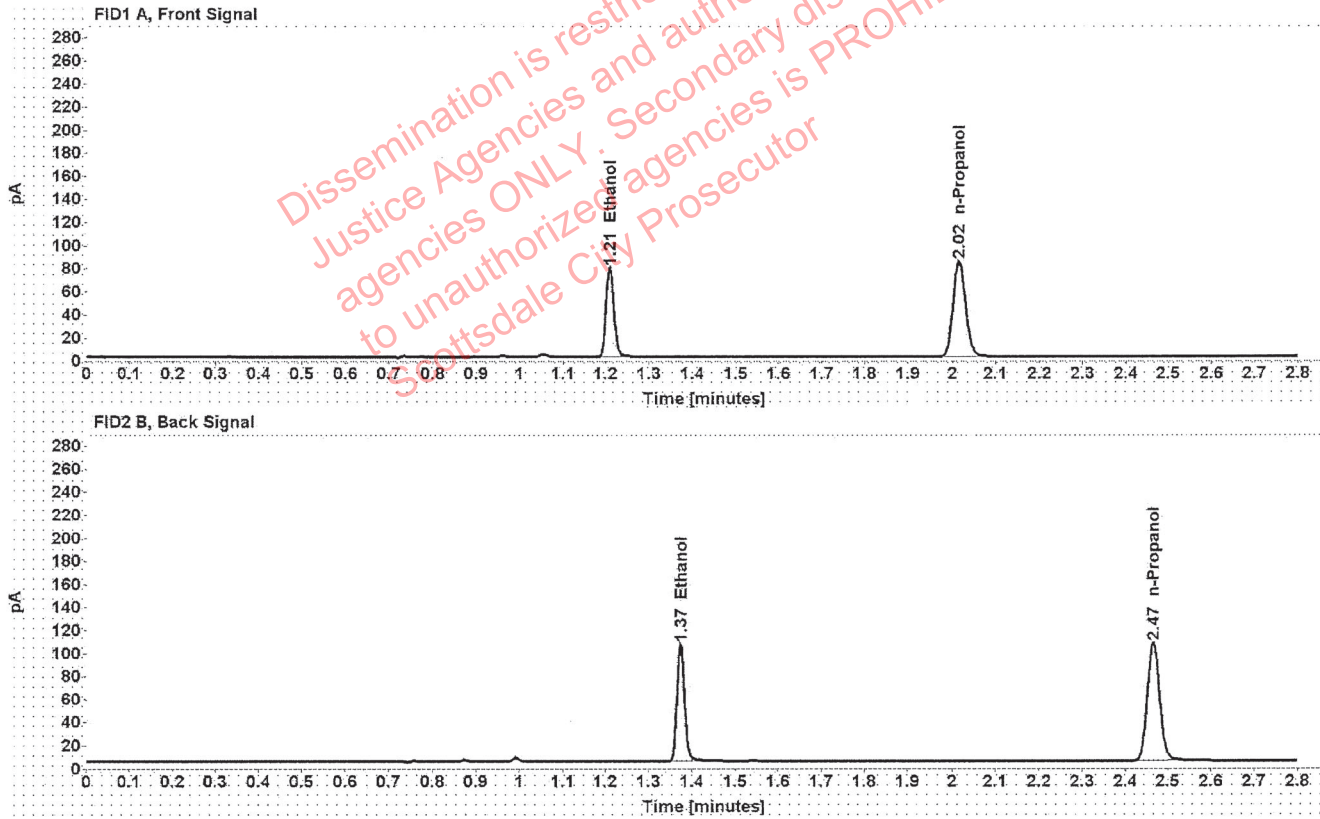


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1575	1.209	99.537
n-Propanol	-----	2.015	166.098

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

Compound	Time (min)	Peak Area
Ethanol	1.373	125.069
n-Propanol	2.466	208.057

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379347	Vial:	40
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 5:48:22 PM
Data file:	C:\Chem32\1\Data\07Jul21\40.D	Analyst:	Abbott

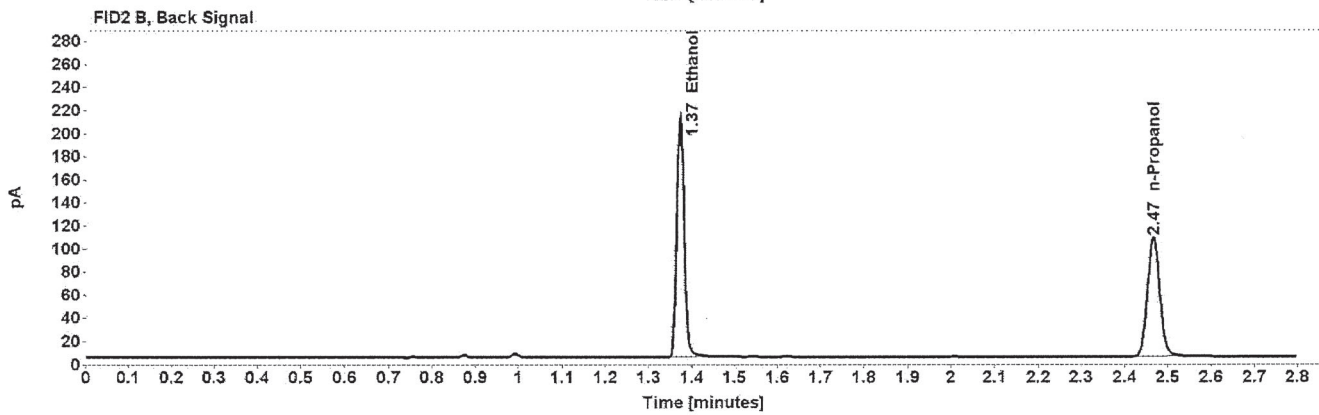
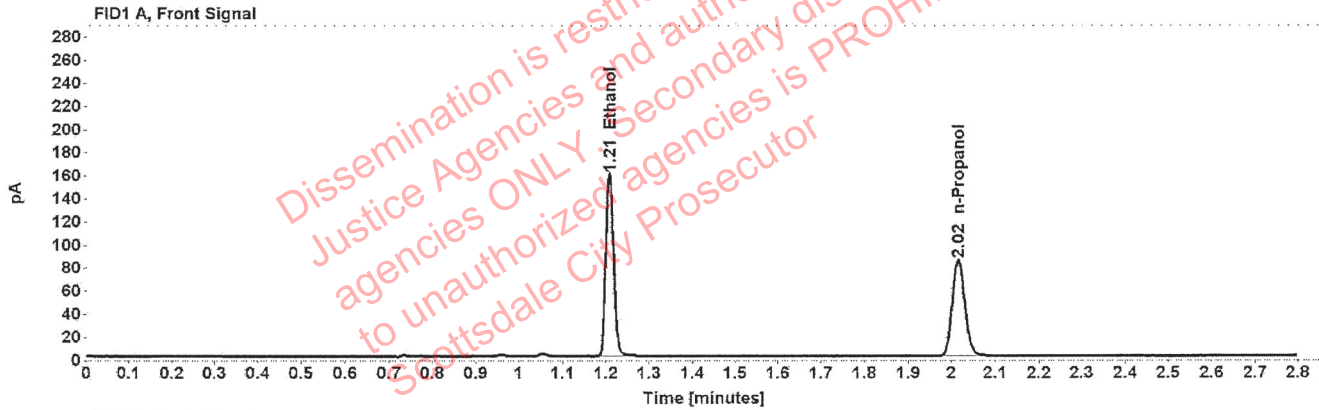


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3177	1.209	201.957
n-Propanol	-----	2.015	166.434

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

Compound	Time (min)	Peak Area
Ethanol	1.373	254.426
n-Propanol	2.466	208.421

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379347	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 5:52:22 PM
Data file:	C:\Chem32\1\Data\07Jul21\41.D	Analyst:	Abbott

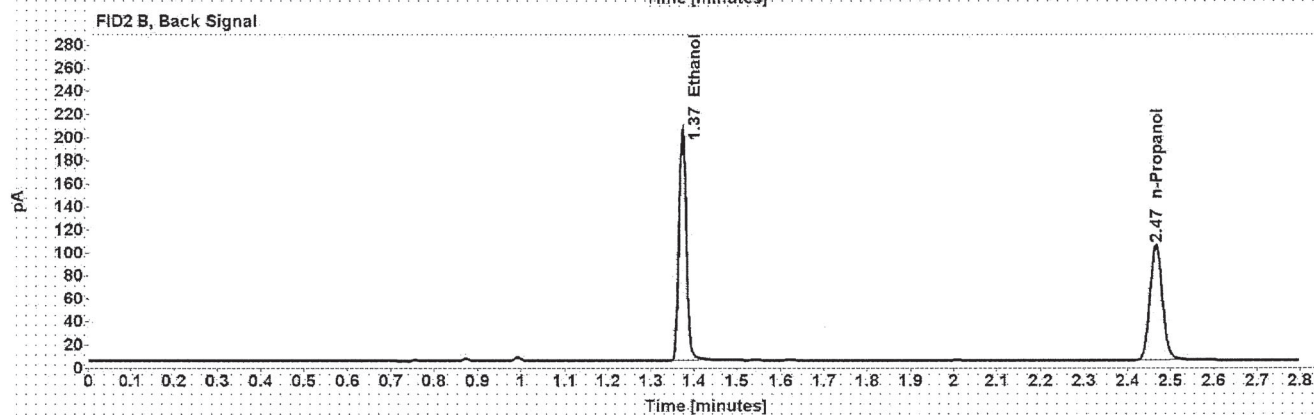
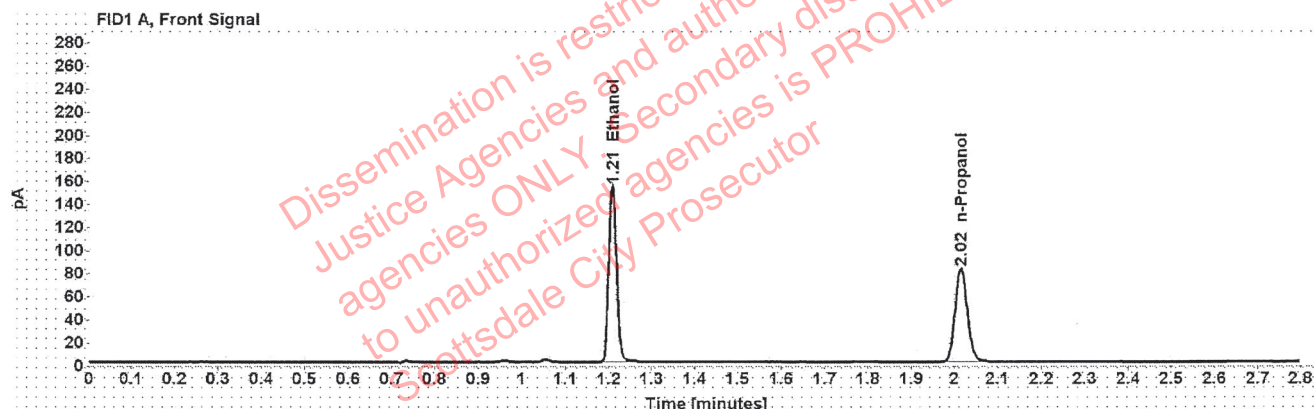


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3144	1.209	194.644
n-Propanol	-----	2.015	162.127

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

Compound	Time (min)	Peak Area
Ethanol	1.373	245.475
n-Propanol	2.466	203.158

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379652	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 6:00:37 PM
Data file:	C:\Chem32\1\Data\07Jul21\43.D	Analyst:	Abbott

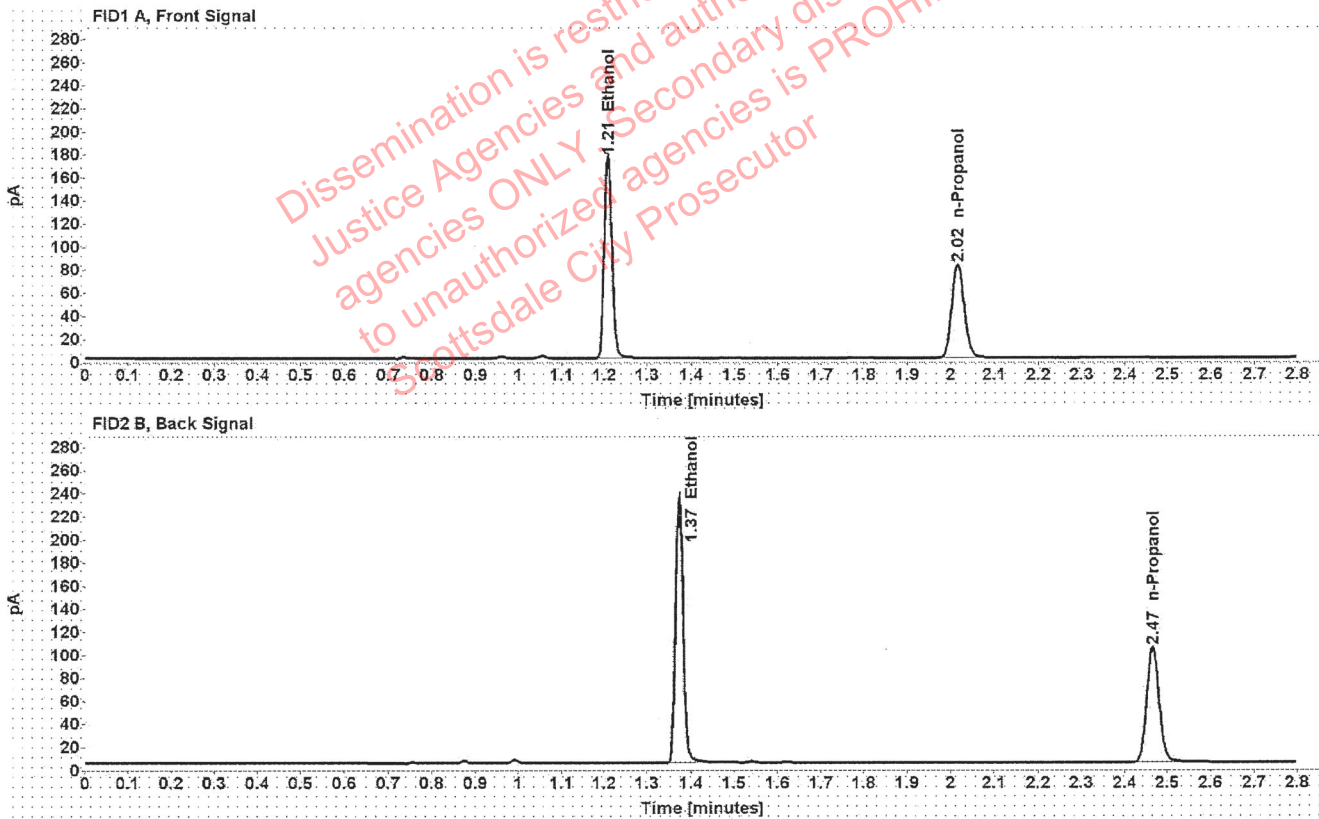


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3604	1.209	223.040
n-Propanol	-----	2.015	161.969

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

Compound	Time (min)	Peak Area
Ethanol	1.373	281.278
n-Propanol	2.466	202.977

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379652	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 6:04:38 PM
Data file:	C:\Chem32\1\Data\07Jul21\44.D	Analyst:	Abbott

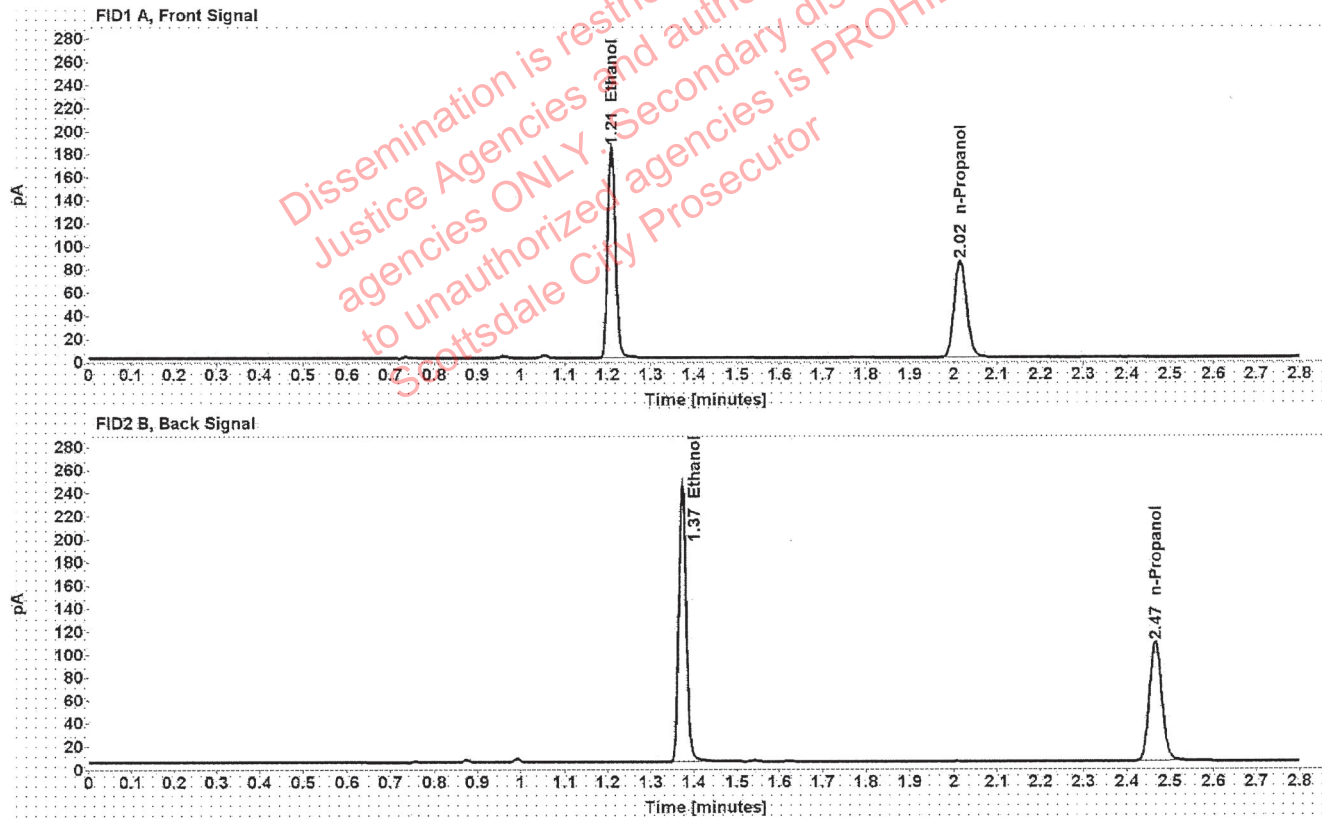


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3648	1.209	233.257
n-Propanol	-----	2.015	167.369

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

Compound	Time (min)	Peak Area
Ethanol	1.373	294.266
n-Propanol	2.466	209.700

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379524	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 6:08:38 PM
Data file:	C:\Chem32\1\Data\07Jul21\45.D	Analyst:	Abbott

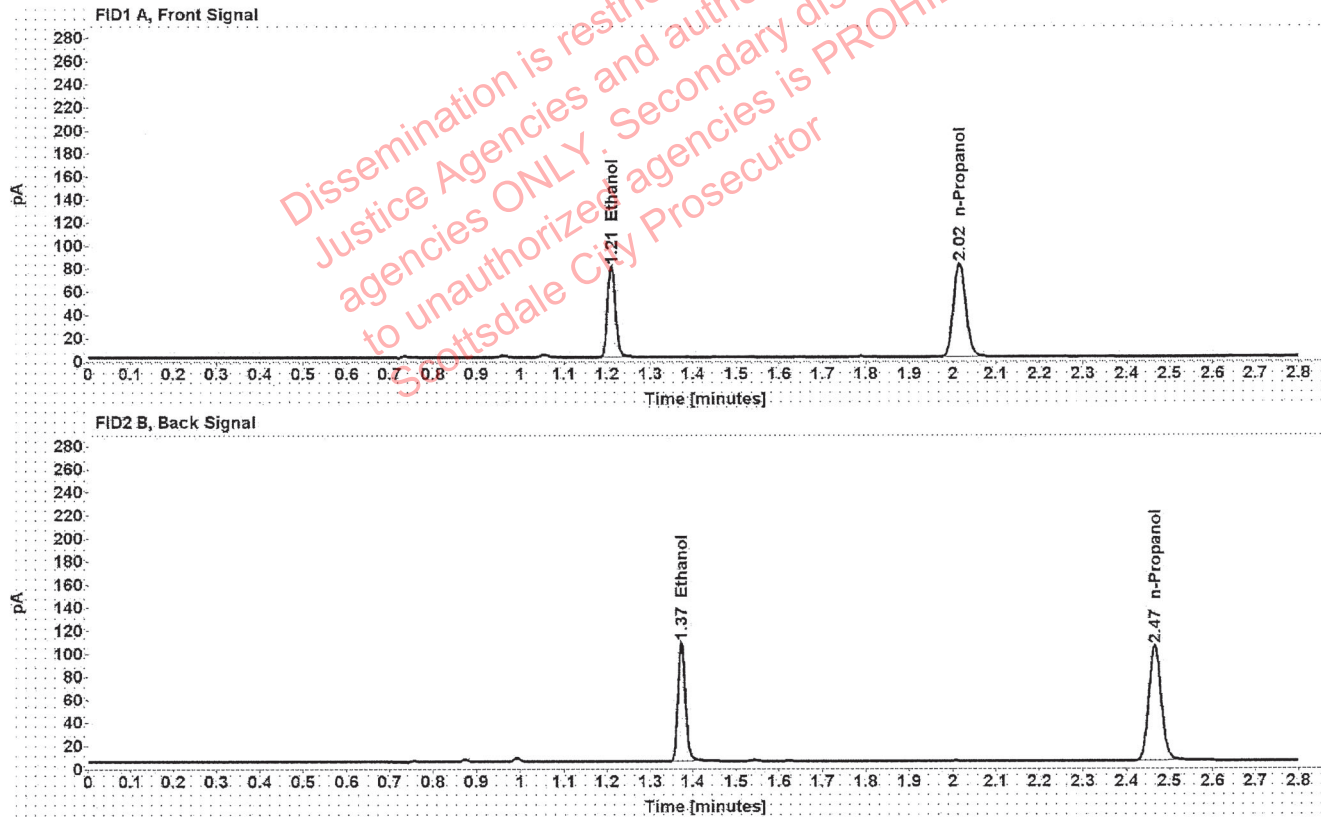


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1641	1.209	101.125
n-Propanol	-----	2.015	161.827

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

Compound	Time (min)	Peak Area
Ethanol	1.373	126.638
n-Propanol	2.466	202.496

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379524	Vial:	46
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 6:12:37 PM
Data file:	C:\Chem32\1\Data\07Jul21\46.D	Analyst:	Abbott

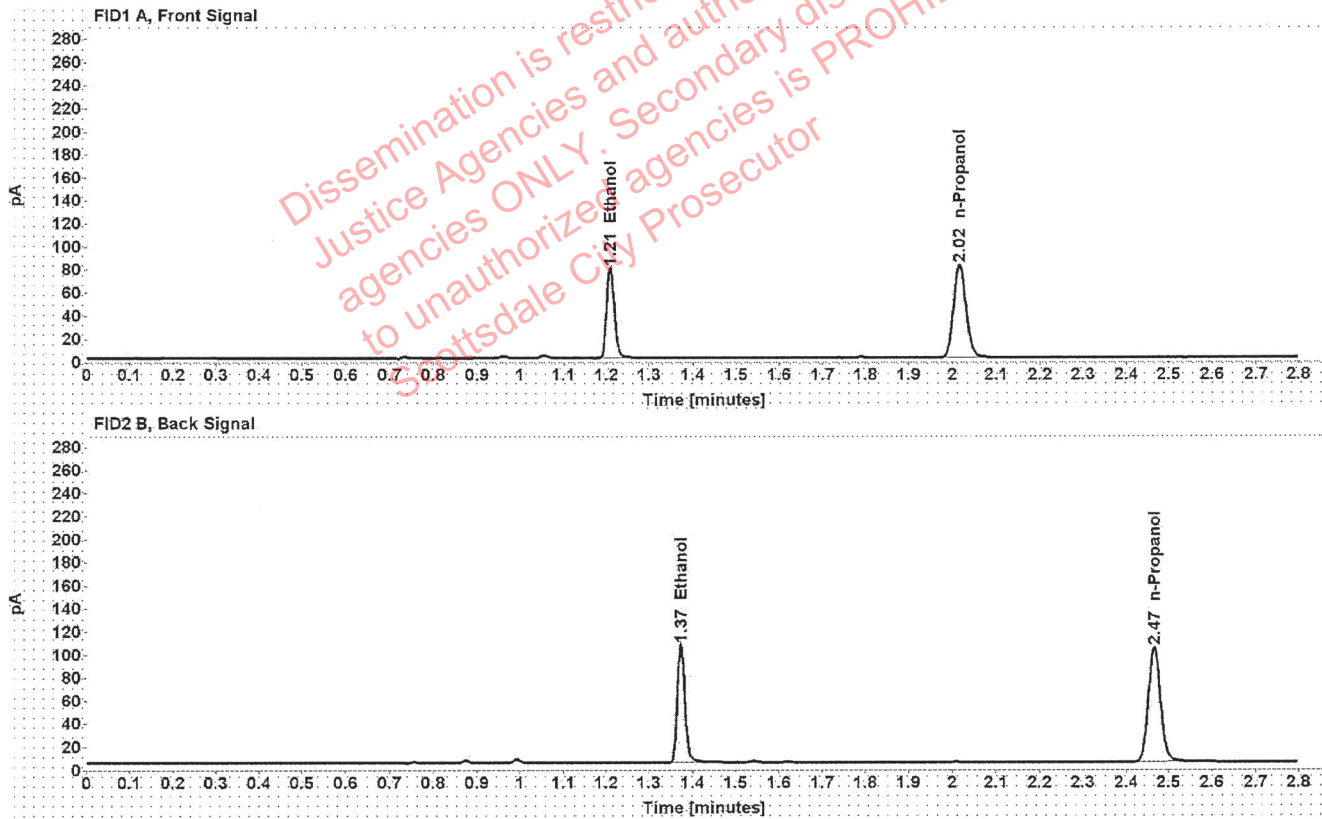


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1639	1.210	100.273
n-Propanol	-----	2.016	160.667

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

Compound	Time (min)	Peak Area
Ethanol	1.373	125.985
n-Propanol	2.466	201.019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1379674	Vial: 47
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 07Jul21
Instrument: US14173023 CN14160045	Injection date: 7/7/2021 6:16:37 PM
Data file: C:\Chem32\1\Data\07Jul21\47.D	Analyst: Abbott

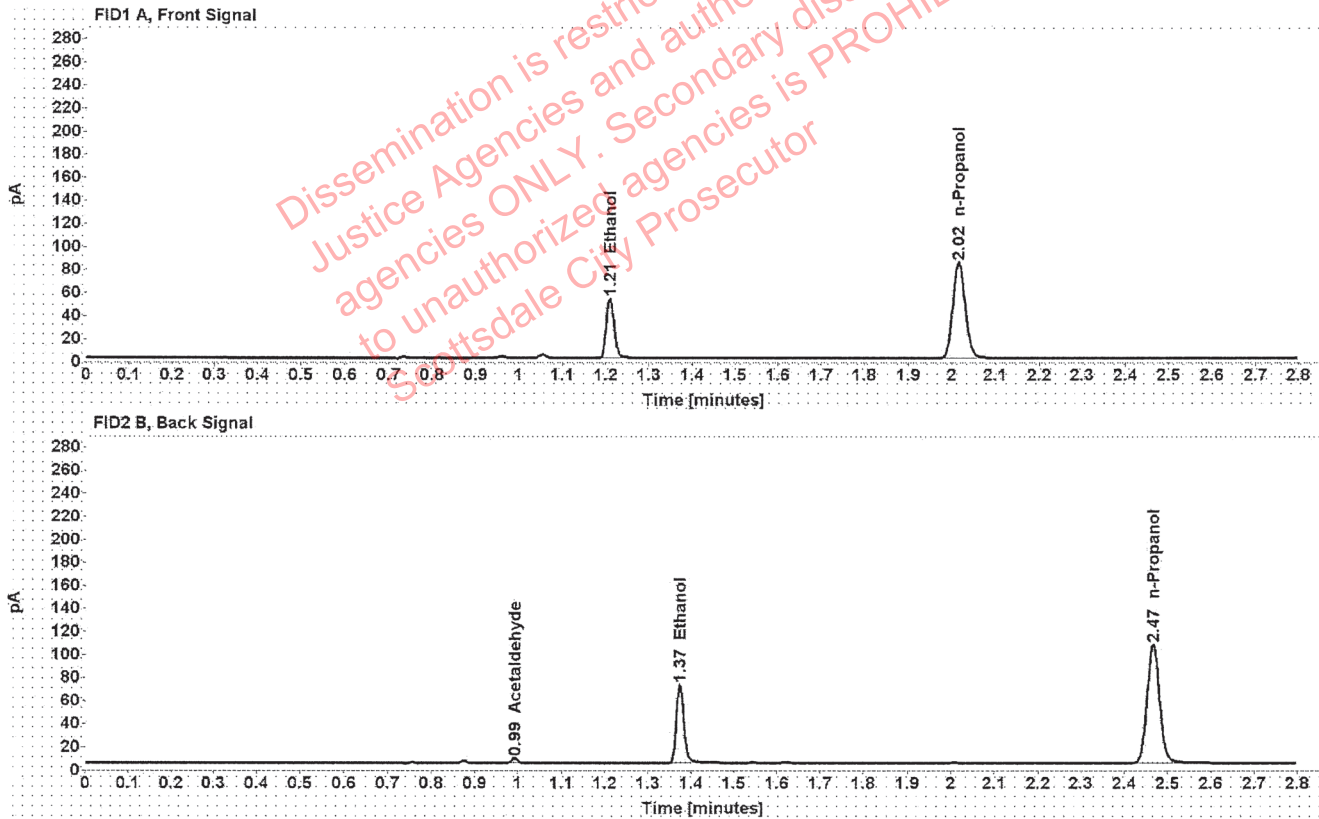


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1058	1.210	66.741
n-Propanol	-----	2.016	166.285

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.995
Ethanol	1.374	83.368
n-Propanol	2.466	208.527

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1379674	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 6:20:38 PM
Data file:	C:\Chem32\1\Data\07Jul21\48.D	Analyst:	Abbott

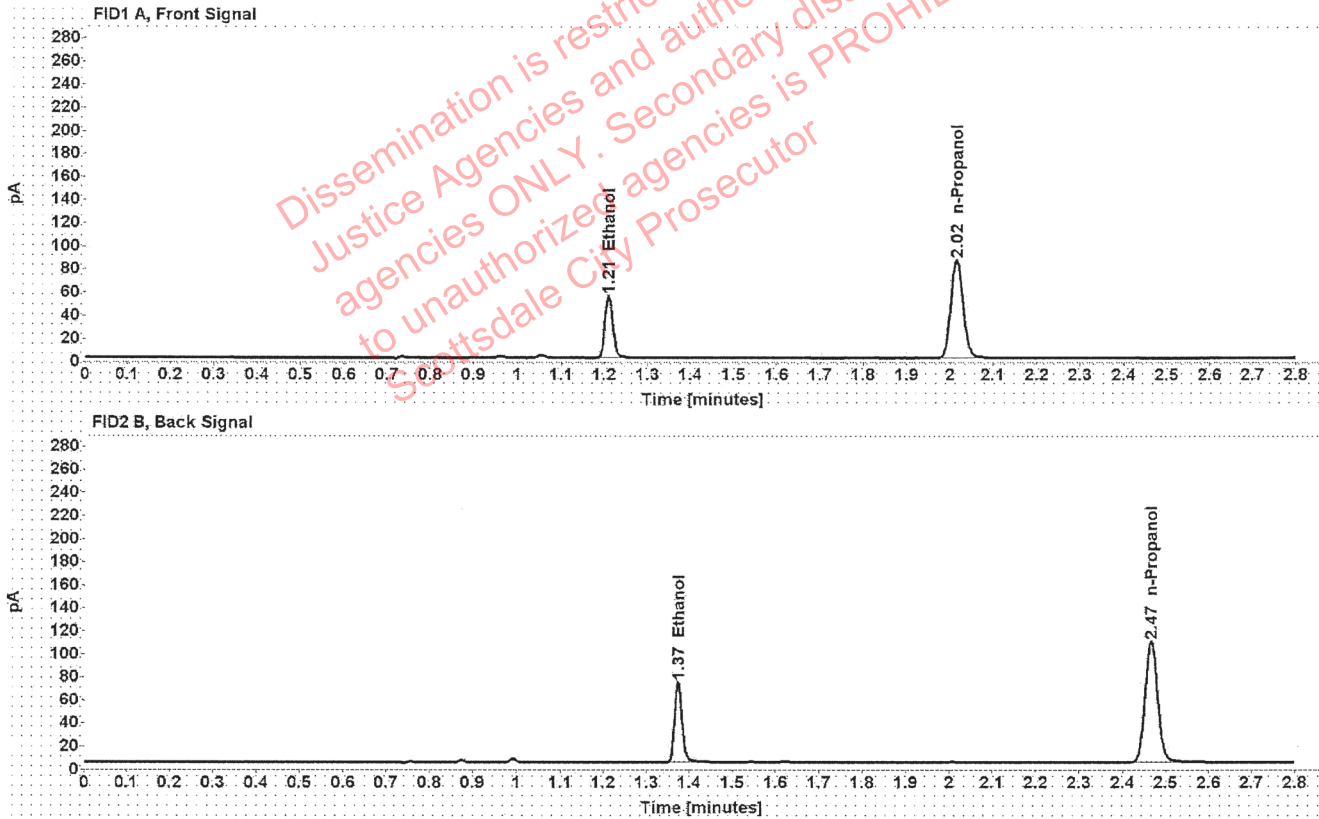


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1065	1.210	68.489
n-Propanol	-----	2.016	169.485

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

Compound	Time (min)	Peak Area
Ethanol	1.374	85.561
n-Propanol	2.466	212.696

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344163	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 6:24:53 PM
Data file:	C:\Chem32\1\Data\07Jul21\49.D	Analyst:	Abbott

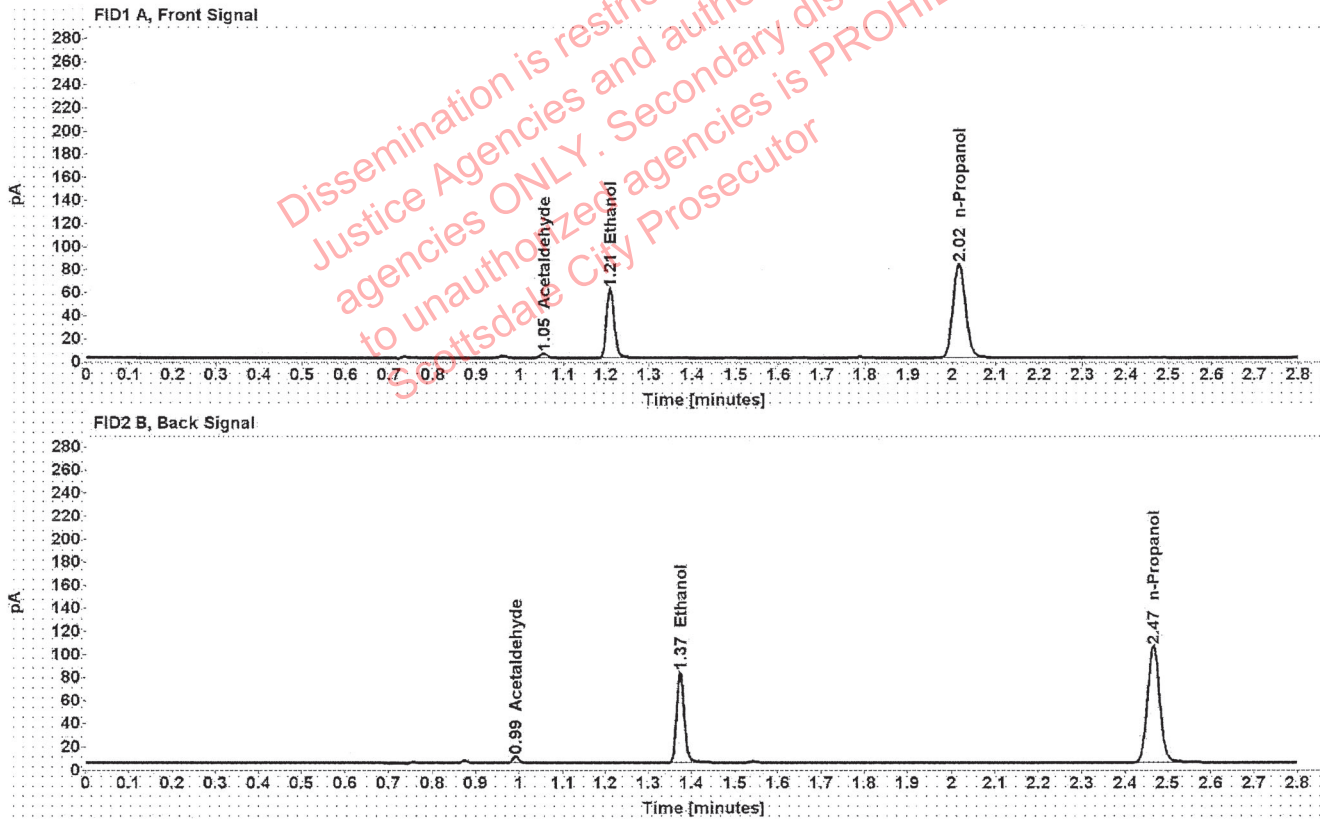


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.929
>Ethanol	0.1244	1.210	77.070
n-Propanol	-----	2.015	163.094

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.146
Ethanol	1.374	96.486
n-Propanol	2.466	204.621

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344163	Vial:	50
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 6:28:53 PM
Data file:	C:\Chem32\1\Data\07Jul21\50.D	Analyst:	Abbott

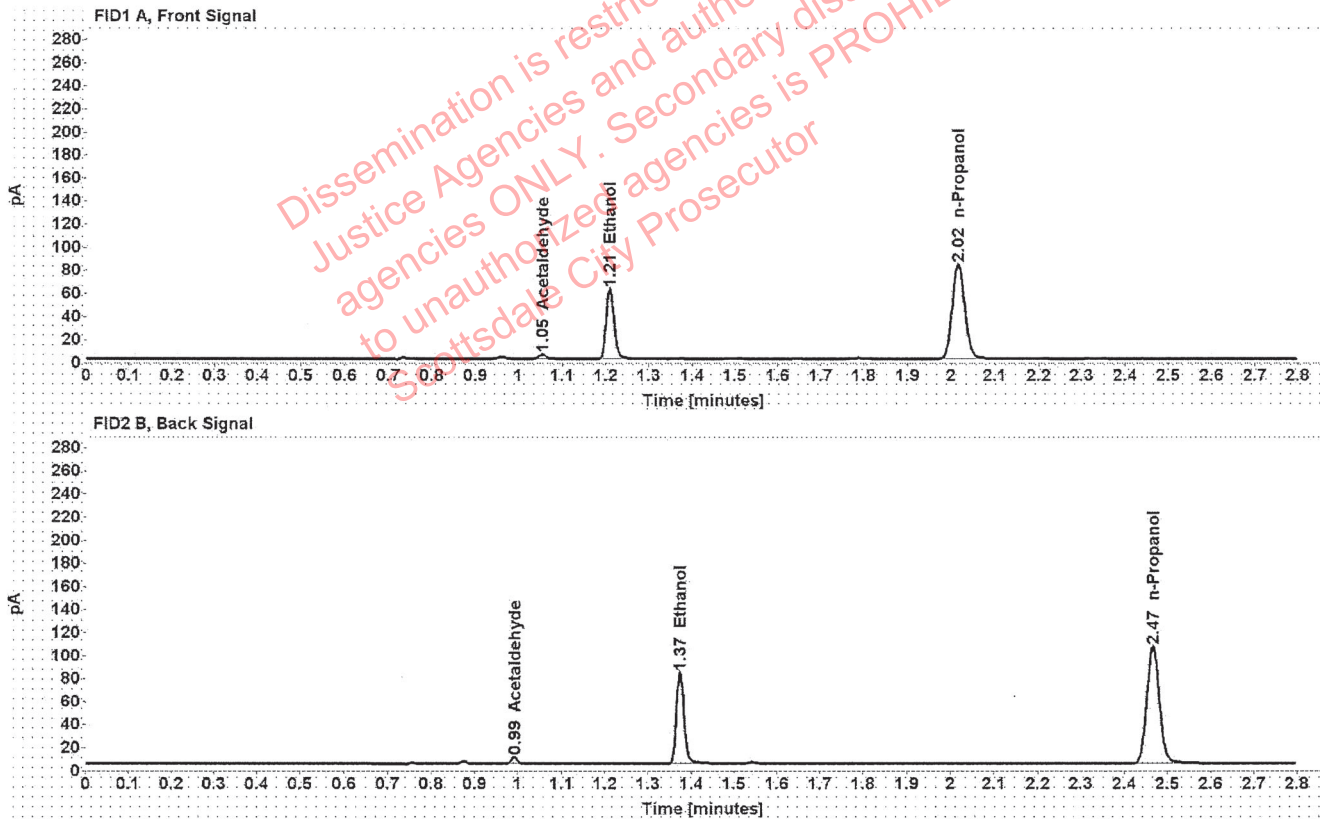


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.994
>Ethanol	0.1246	1.210	77.802
n-Propanol	-----	2.015	164.426

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.208
Ethanol	1.374	97.529
n-Propanol	2.466	206.297

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346595	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 6:32:52 PM
Data file:	C:\Chem32\1\Data\07Jul21\51.D	Analyst:	Abbott

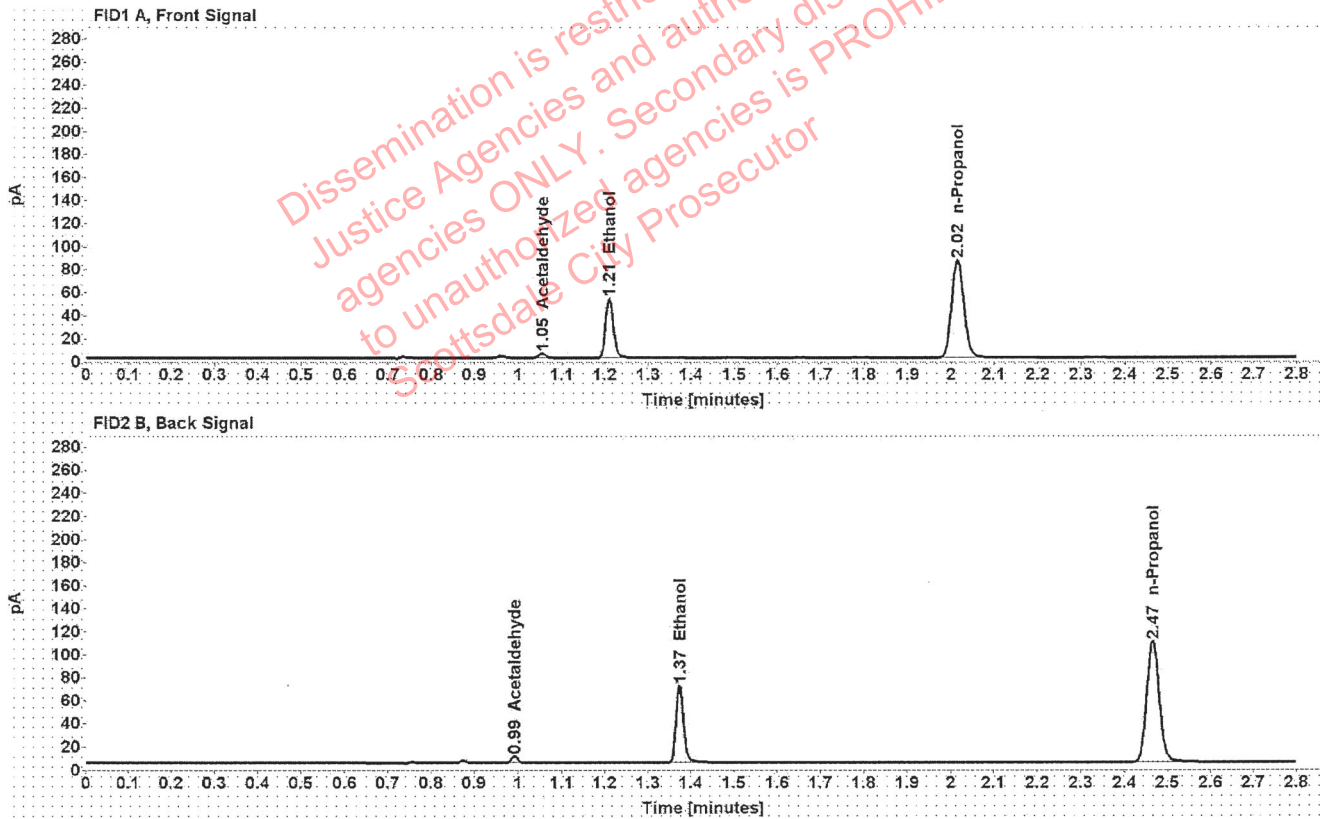


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.127
>Ethanol	0.1023	1.210	65.792
n-Propanol	-----	2.015	169.548

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.386
Ethanol	1.374	82.148
n-Propanol	2.466	212.756

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346595	Vial:	52
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Jul21
Instrument:	US14173023 CN14160045	Injection date:	7/7/2021 6:36:53 PM
Data file:	C:\Chem32\1\Data\07Jul21\52.D	Analyst:	Abbott

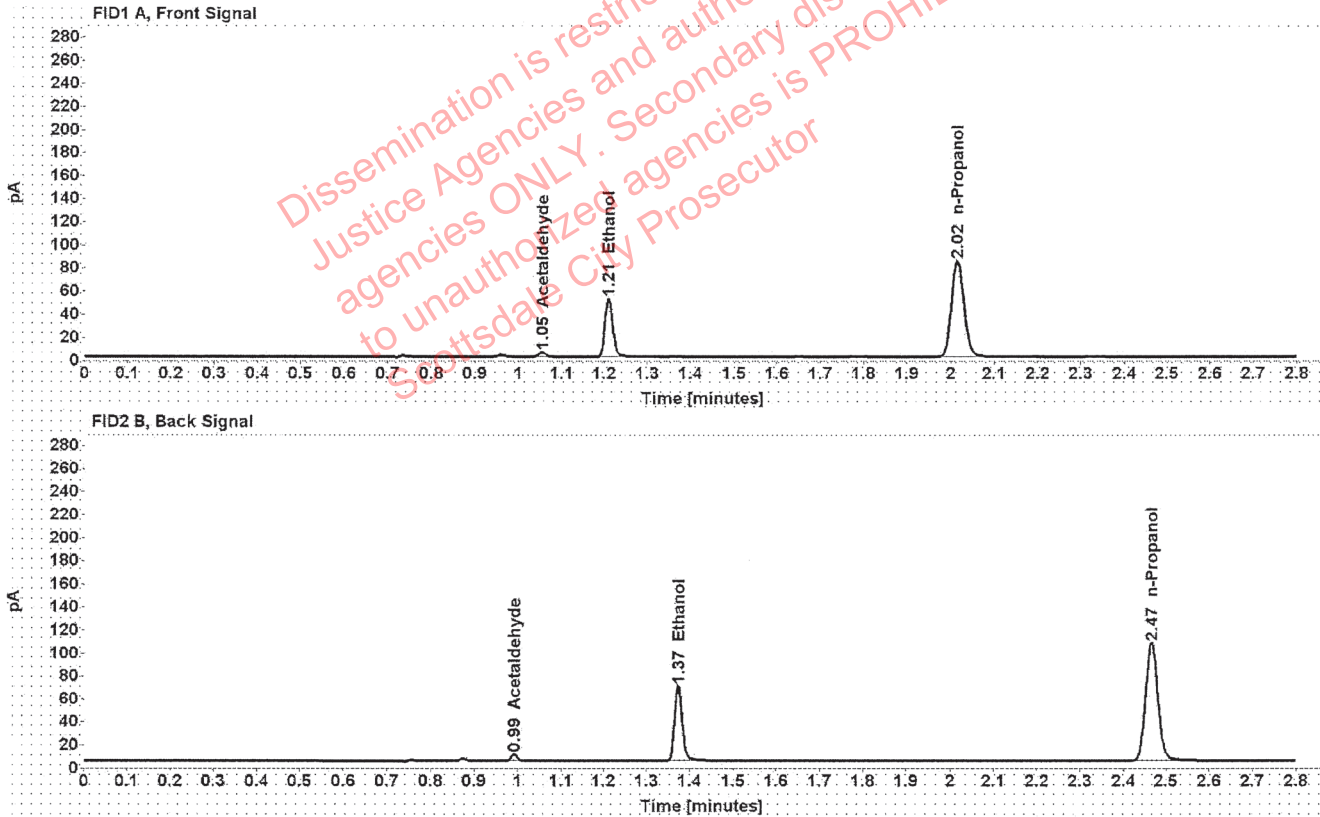


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.038
>Ethanol	0.1022	1.210	64.353
n-Propanol	-----	2.015	166.060

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.286
Ethanol	1.374	80.685
n-Propanol	2.466	208.252