

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 12/22/2020 SEQUENCE NAME 22Dec20

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 0.99996
 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 112420AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.396 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.198 g/dL	0.198 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
42	Blood control	0.198 g/dL	0.198 g/dL	ACQ 407041529/13
47	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 11092018-A
48	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
49	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
50	Blank	Not detected	Not detected	SPD lab 111020WB

SUBJECT SAMPLES

Subjects in the sequence 17 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid [Signature] Analyst
 Run valid Run invalid [Signature] Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

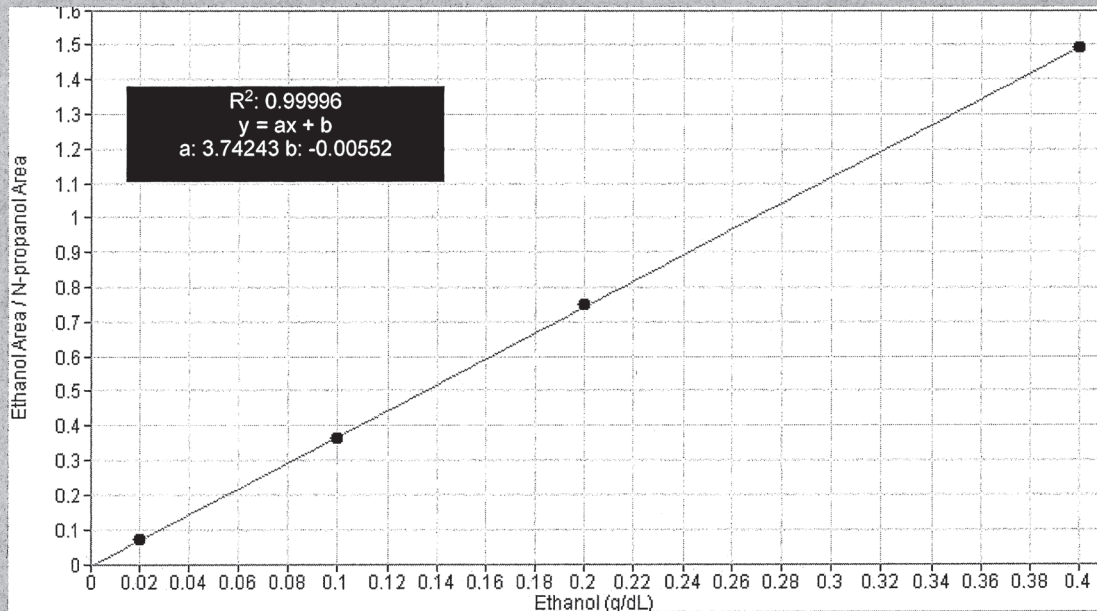
SEQUENCE NAME: 22Dec20

ANALYST: Abbott *de*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 112420AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.396	0.400	1.00	-0.004
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.198 407041529/13	9	0.198	0.198	0.00	0.000
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.080 03102016-A/1	31	0.080	0.080	0.00	0.000
0.198 407041529/13	42	0.198	0.198	0.00	0.000
0.400 11092018-A	47	0.401	0.400	0.25	0.001
0.040 14082019-B	48	0.040	0.040	0.00	0.000
0.198 407041529/13	49	0.199	0.198	0.51	0.001
blank 111020WB	50	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.666	164.993	0.071
0.100	61.188	168.115	0.364
0.200	129.504	173.252	0.748
0.400	246.161	165.175	1.490

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 22Dec20
Method: ethanol quant.M	Injection date: 12/22/2020 2:59:24 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\22Dec20\1.D	

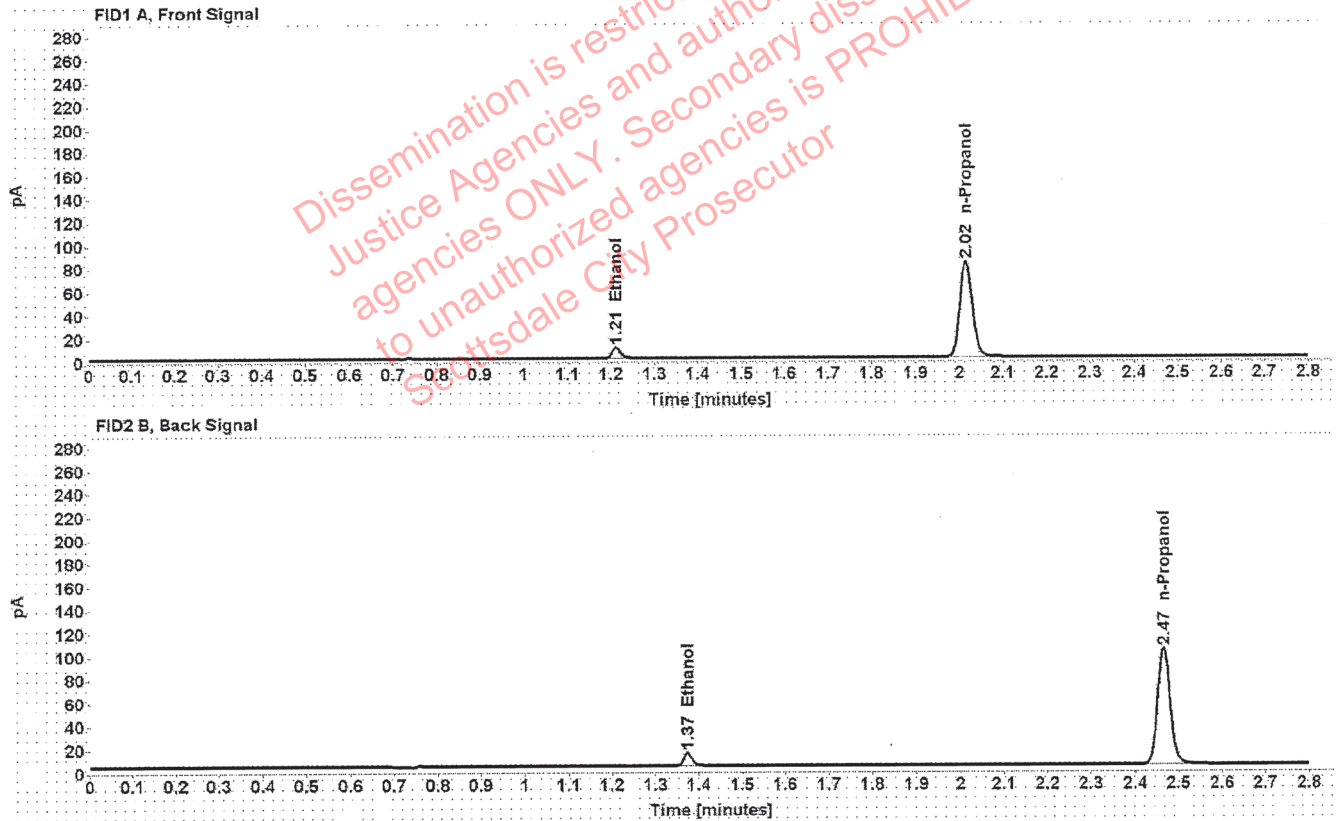


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.666
n-Propanol	2.015	164.993

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

Compound	Time (min)	Peak Area
Ethanol	1.374	14.525
n-Propanol	2.466	203.393

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 22Dec20
Method: ethanol quant.M	Injection date: 12/22/2020 3:03:23 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>ph</i>
Data file: C:\Chem32\1\Data\22Dec20\2.D	

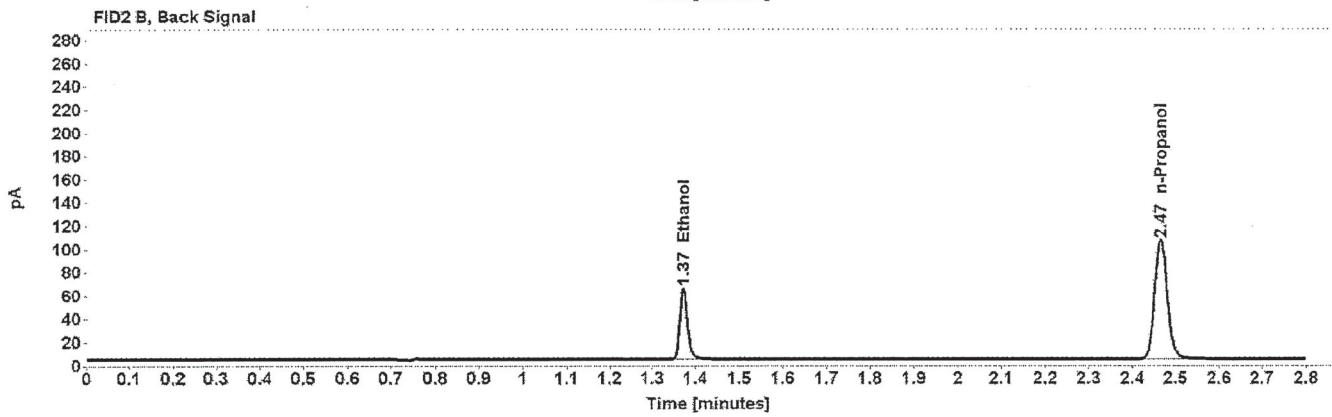
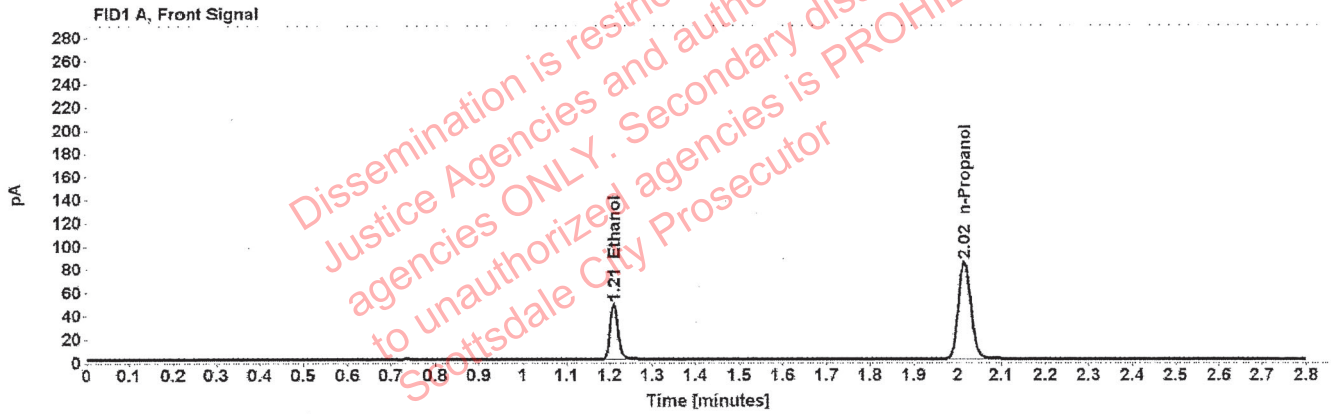


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	61.188
n-Propanol	2.015	168.115

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

Compound	Time (min)	Peak Area
Ethanol	1.373	76.460
n-Propanol	2.466	207.460

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 22Dec20
Method: ethanol quant.M	Injection date: 12/22/2020 3:07:24 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>ds</i>
Data file: C:\Chem32\1\Data\22Dec20\3.D	

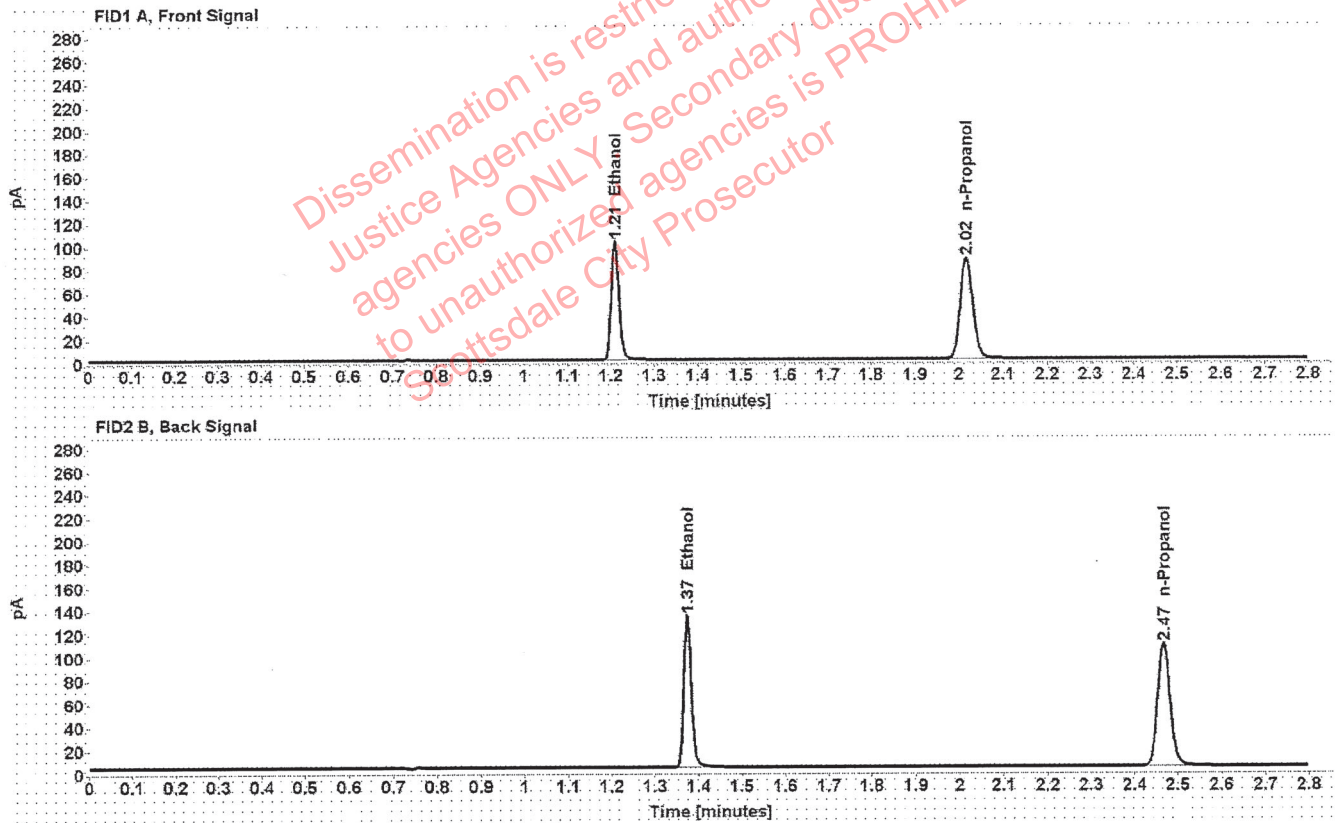


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	129.504
n-Propanol	2.016	173.252

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.152
n-Propanol	2.468	213.703

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 22Dec20
Method: ethanol quant.M	Injection date: 12/22/2020 3:11:24 PM
Instrument: US14173023 CN14160045	Analyst: Abbott DA
Data file: C:\Chem32\1\Data\22Dec20\4.D	

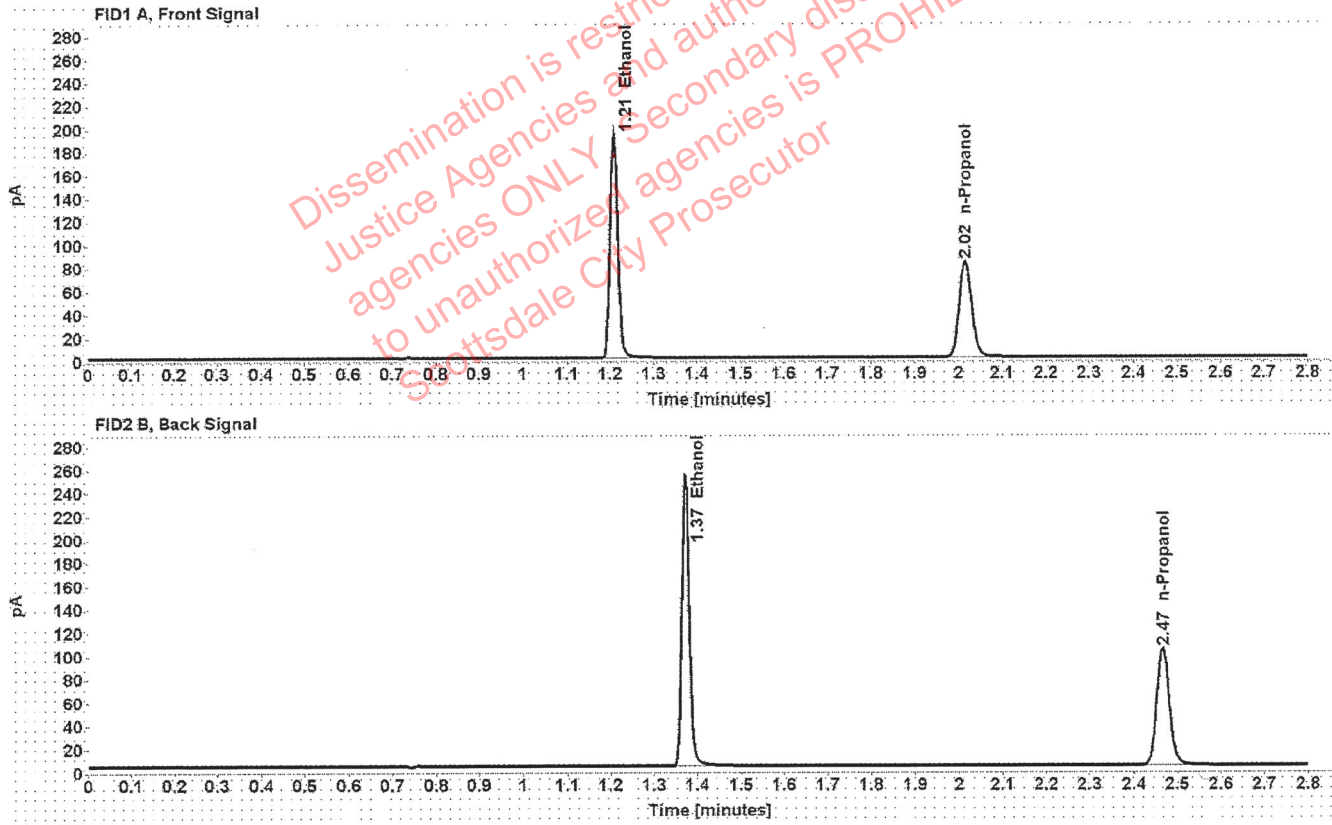


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	246.161
n-Propanol	2.015	165.175

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

Compound	Time (min)	Peak Area
Ethanol	1.372	308.802
n-Propanol	2.466	203.941

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 112420AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 22Dec20
Instrument: US14173023 CN14160045	Injection date: 12/22/2020 3:15:24 PM
Data file: C:\Chem32\1\Data\22Dec20\5.D	Analyst: Abbott <i>JA</i>

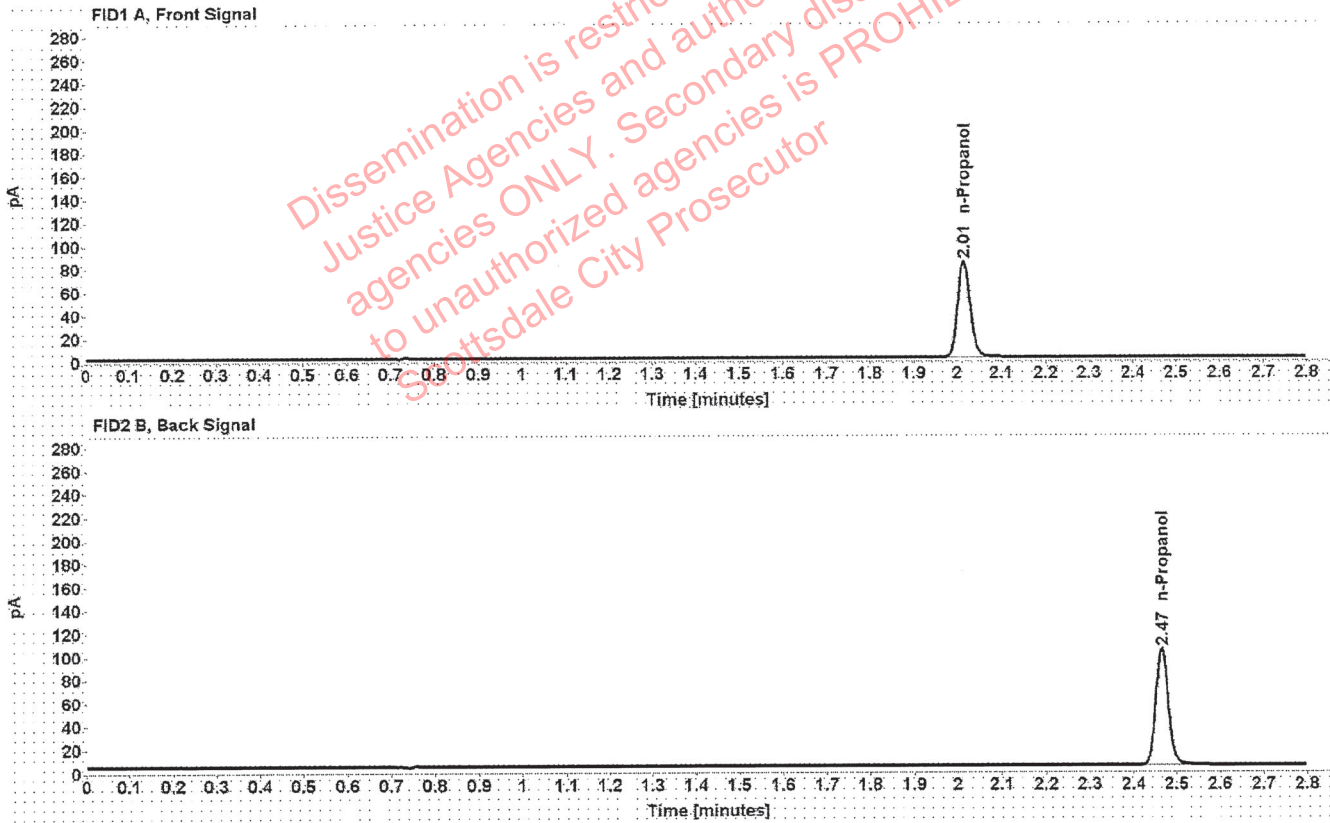


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	165.745

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

Compound	Time (min)	Peak Area
n-Propanol	2.465	204.041

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 22Dec20
Instrument: US14173023 CN14160045	Injection date: 12/22/2020 3:19:24 PM
Data file: C:\Chem32\1\Data\22Dec20\6.D	Analyst: Abbott <i>JA</i>

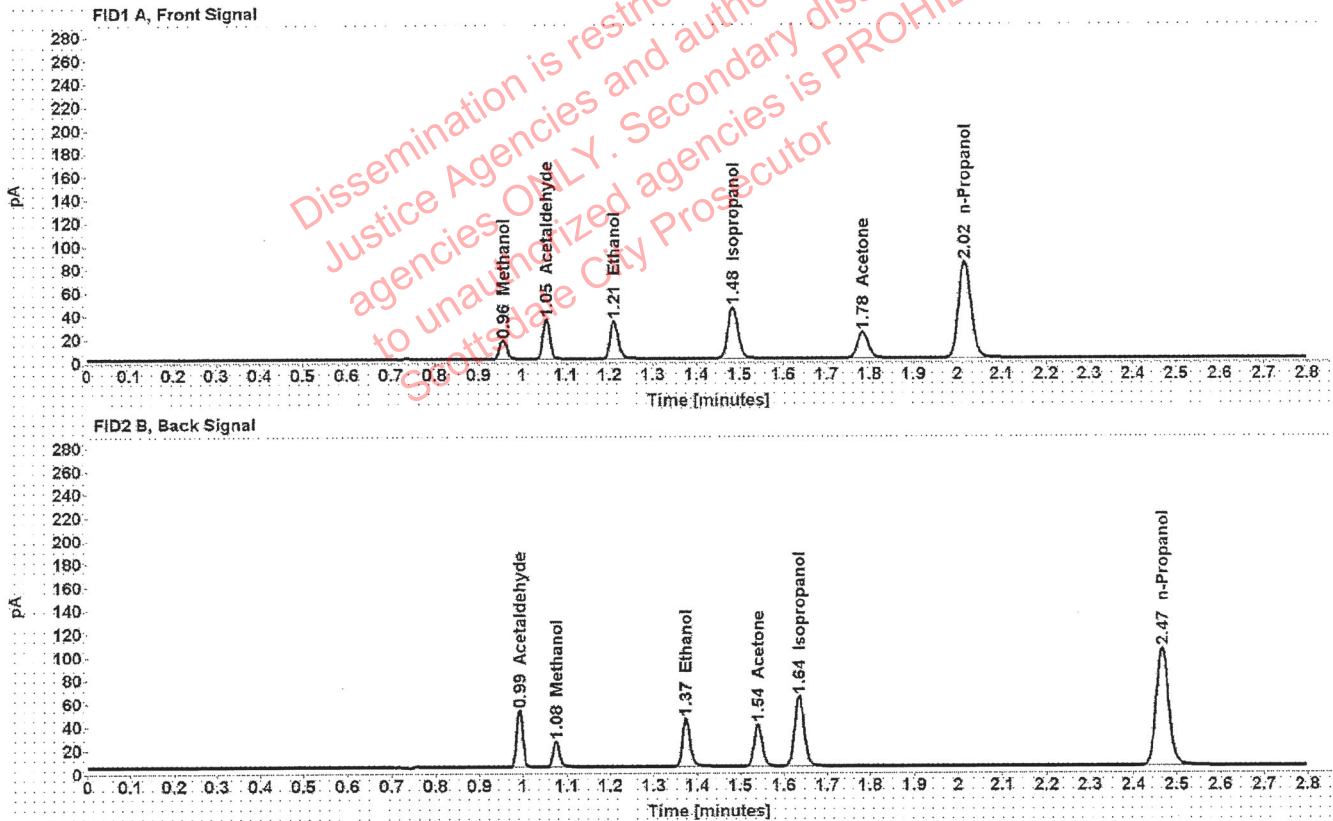


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	18.319
Acetaldehyde	-----	1.055	37.174
>Ethanol	0.0683	1.210	41.621
Isopropanol	-----	1.484	71.055
Acetone	-----	1.784	38.458
n-Propanol	-----	2.016	166.488

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	48.452
Methanol	1.075	23.558
Ethanol	1.374	51.776
Acetone	1.540	47.687
Isopropanol	1.635	91.022
n-Propanol	2.467	205.453

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 22Dec20
Instrument: US14173023 CN14160045	Injection date: 12/22/2020 3:23:38 PM
Data file: C:\Chem321\Data\22Dec20\7.D	Analyst: Abbott DA

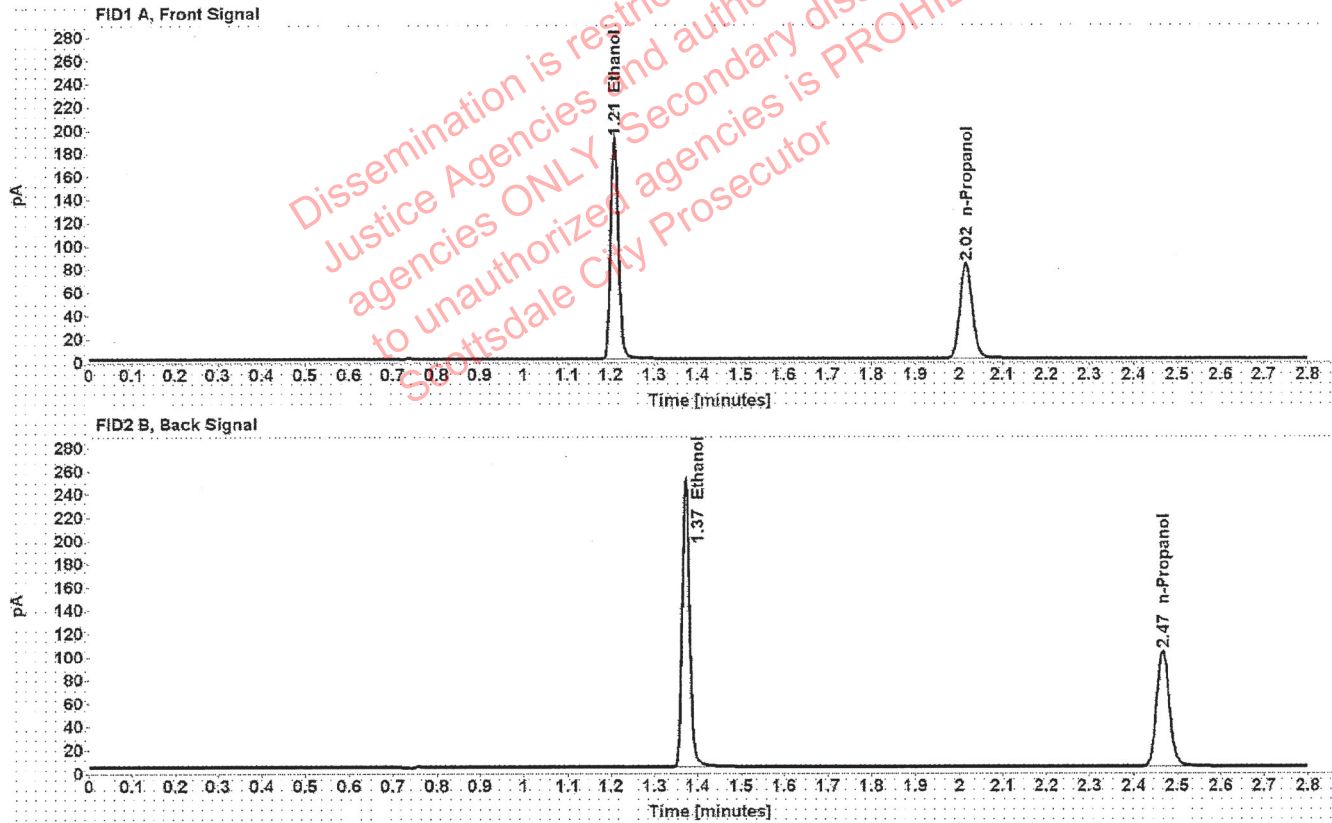


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3969	1.209	243.127
n-Propanol	-----	2.016	164.282

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

Compound	Time (min)	Peak Area
Ethanol	1.373	304.375
n-Propanol	2.467	202.804

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 22Dec20
Instrument: US14173023 CN14160045	Injection date: 12/22/2020 3:27:38 PM
Data file: C:\Chem32\1\Data\22Dec20\8.D	Analyst: Abbott <i>JA</i>

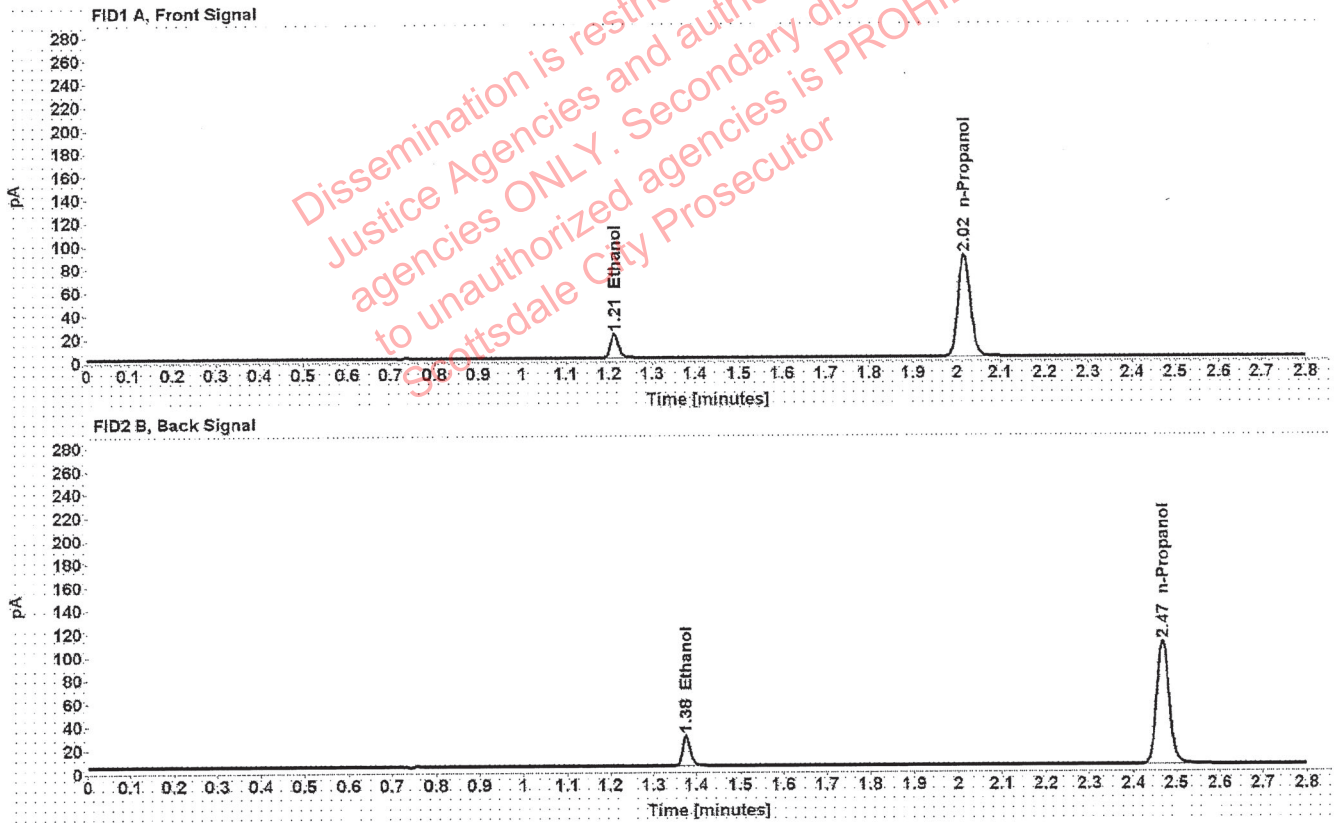


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0414	1.212	26.195
n-Propanol	-----	2.017	175.281

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

Compound	Time (min)	Peak Area
Ethanol	1.376	32.607
n-Propanol	2.468	215.606

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 22Dec20
Instrument: US14173023 CN14160045	Injection date: 12/22/2020 3:31:38 PM
Data file: C:\Chem32\1\Data\22Dec20\9.D	Analyst: Abbott DA

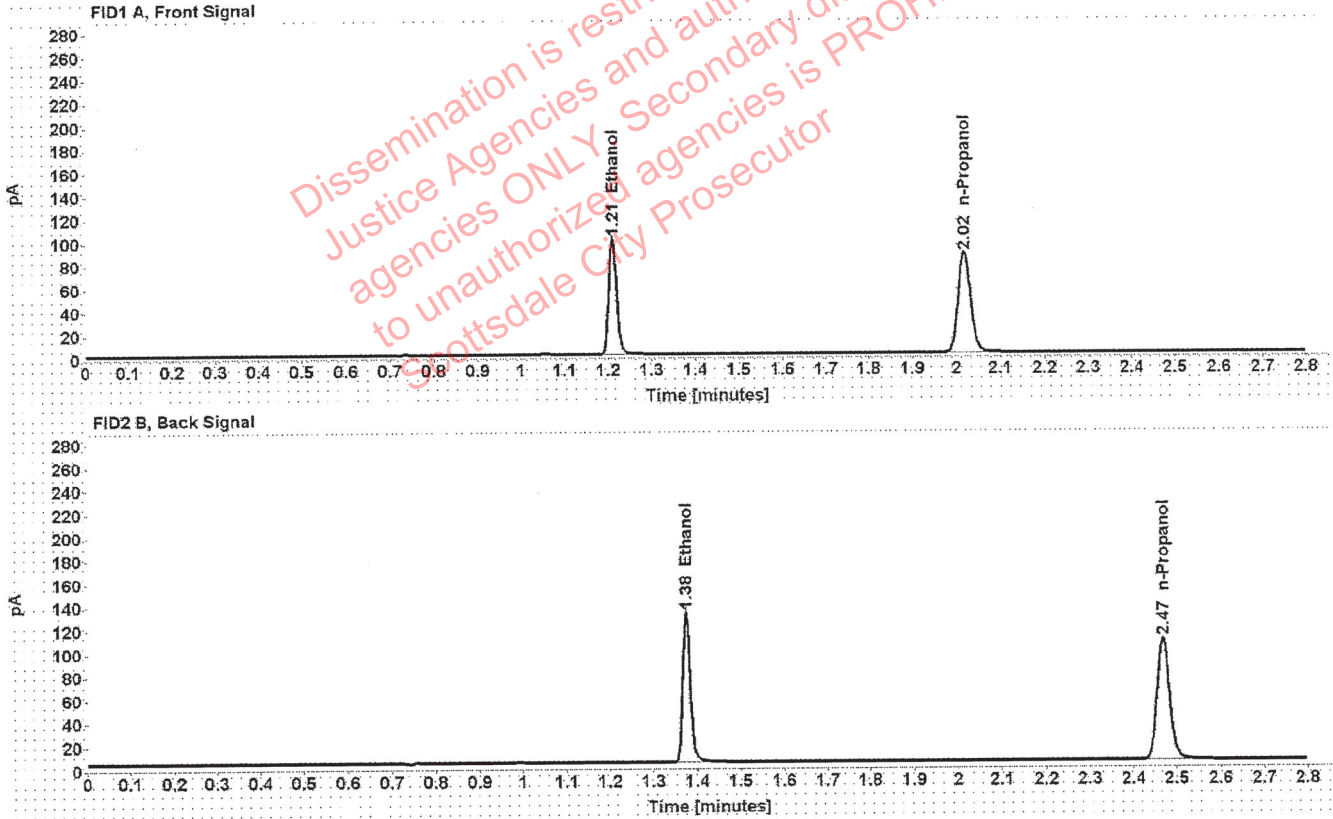


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1989	1.210	127.748
n-Propanol	-----	2.017	172.944

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

Compound	Time (min)	Peak Area
Ethanol	1.375	159.792
n-Propanol	2.469	212.695

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 22Dec20
Instrument: US14173023 CN14160045	Injection date: 12/22/2020 4:16:10 PM
Data file: C:\Chem32\1\Data\22Dec20\20.D	Analyst: Abbott <i>JA</i>

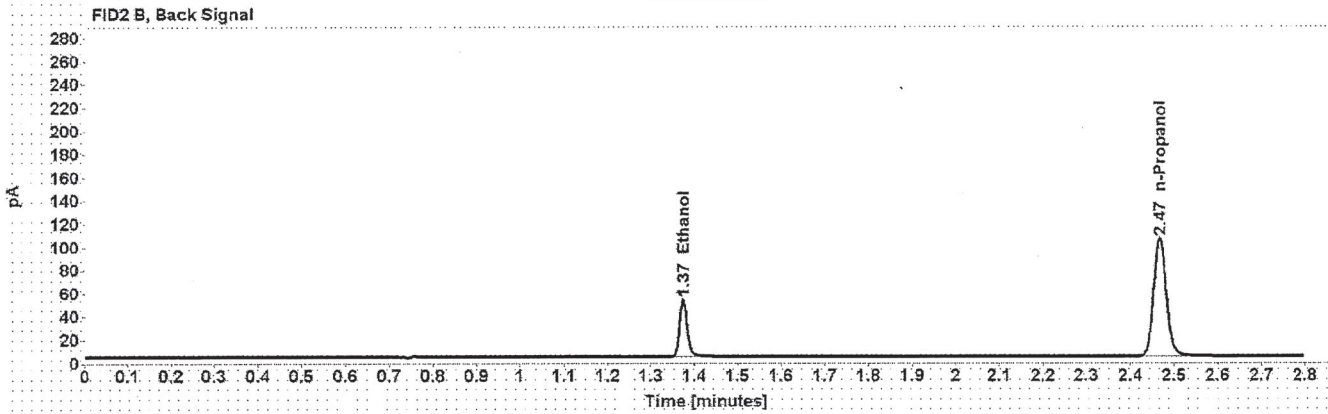
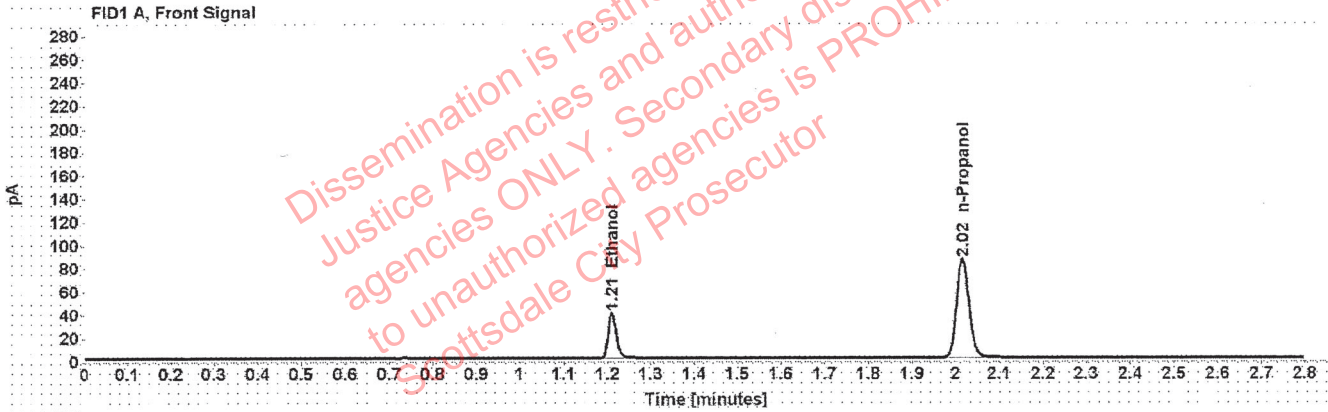


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0800	1.210	49.921
n-Propanol	-----	2.016	169.795

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

Compound	Time (min)	Peak Area
Ethanol	1.374	62.117
n-Propanol	2.467	208.093

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 22Dec20
Instrument: US14173023 CN14160045	Injection date: 12/22/2020 5:00:39 PM
Data file: C:\Chem32\1\Data\22Dec20\31.D	Analyst: Abbott <i>JA</i>

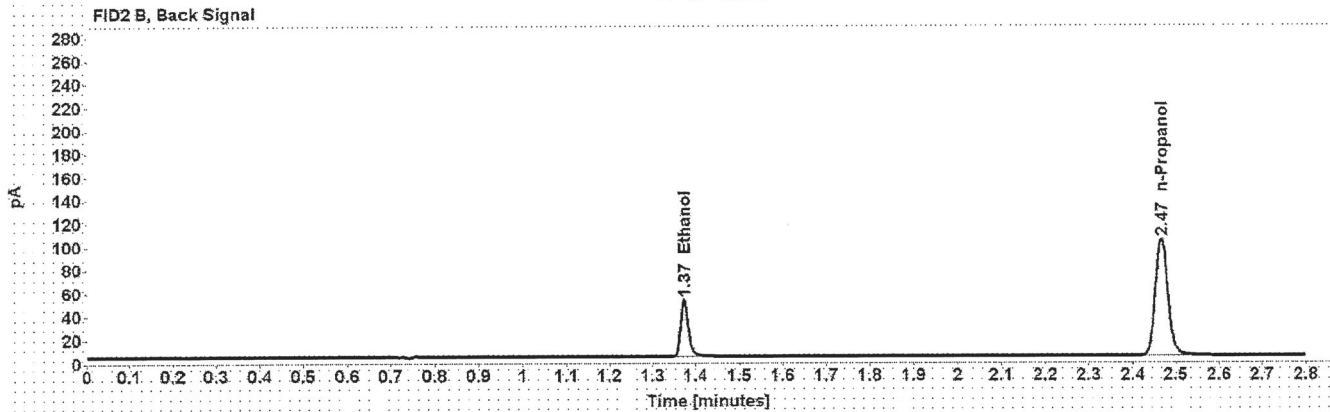
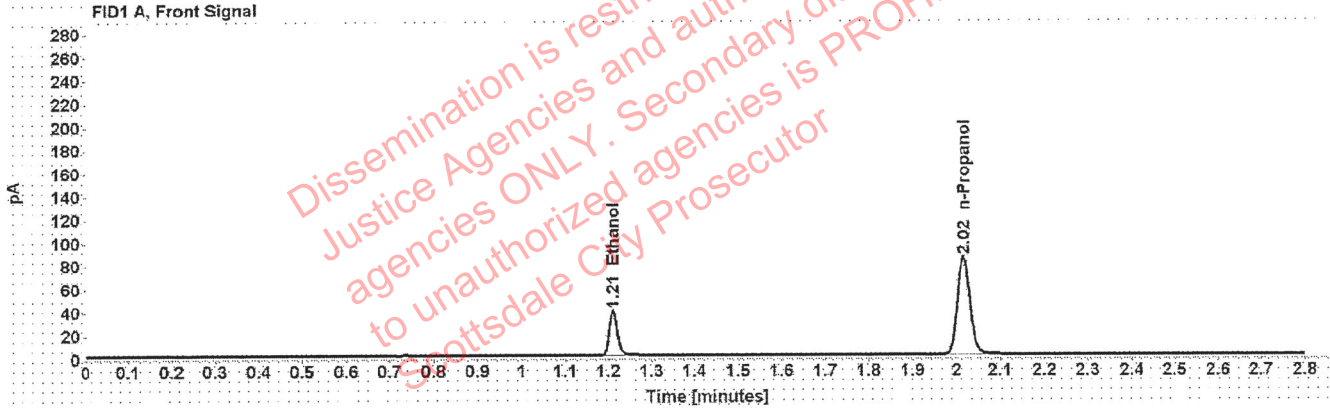


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0803	1.210	49.571
n-Propanol	-----	2.016	168.105

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

Compound	Time (min)	Peak Area
Ethanol	1.374	61.375
n-Propanol	2.467	205.781

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 42
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 22Dec20
Instrument: US14173023 CN14160045	Injection date: 12/22/2020 5:44:53 PM
Data file: C:\Chem32\1\Data\22Dec20\42.D	Analyst: Abbott AB

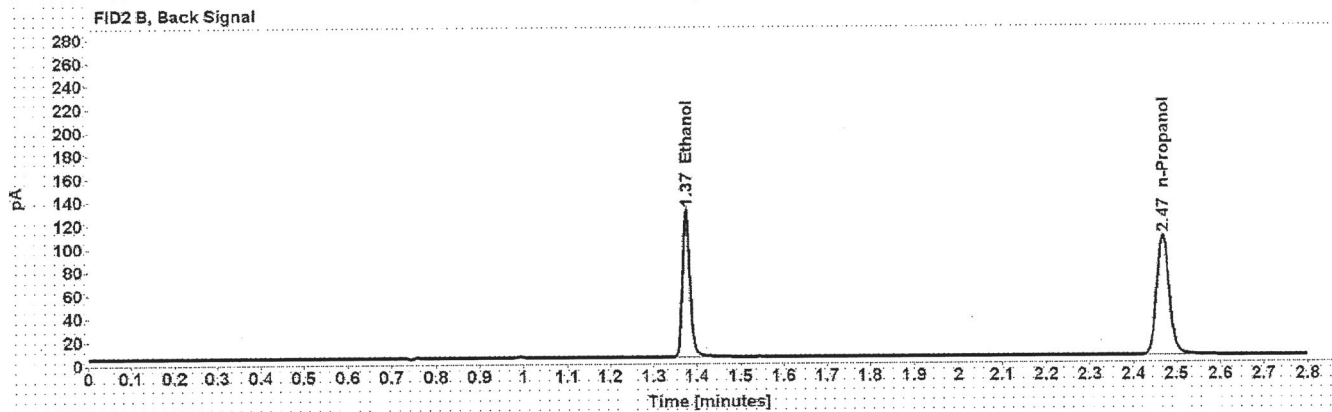
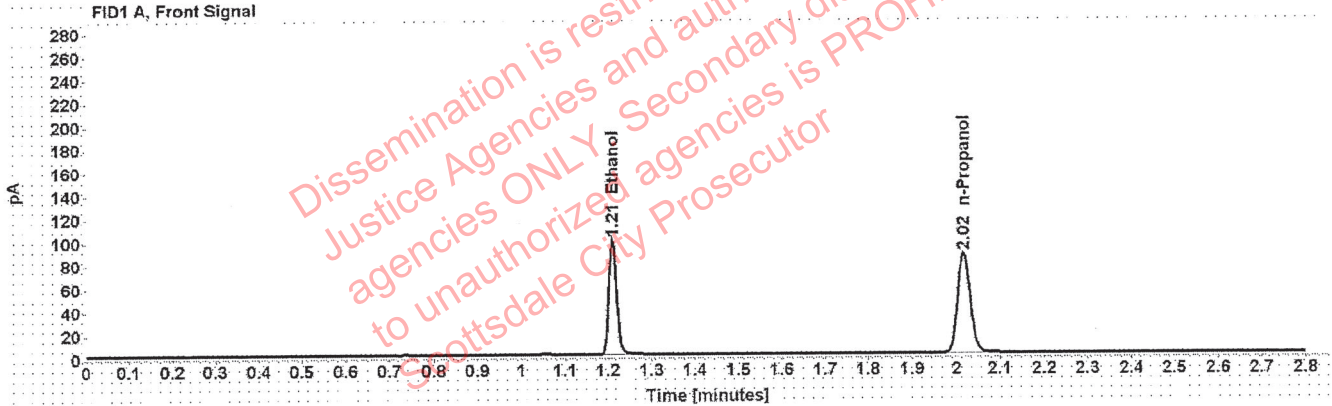


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1987	1.210	126.822
n-Propanol	-----	2.017	171.820

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

Compound	Time (min)	Peak Area
Ethanol	1.375	158.430
n-Propanol	2.468	210.704

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 47
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 22Dec20
Instrument: US14173023 CN14160045	Injection date: 12/22/2020 6:05:09 PM
Data file: C:\Chem32\1\Data\22Dec20\47.D	Analyst: Abbott <i>Abbott</i>

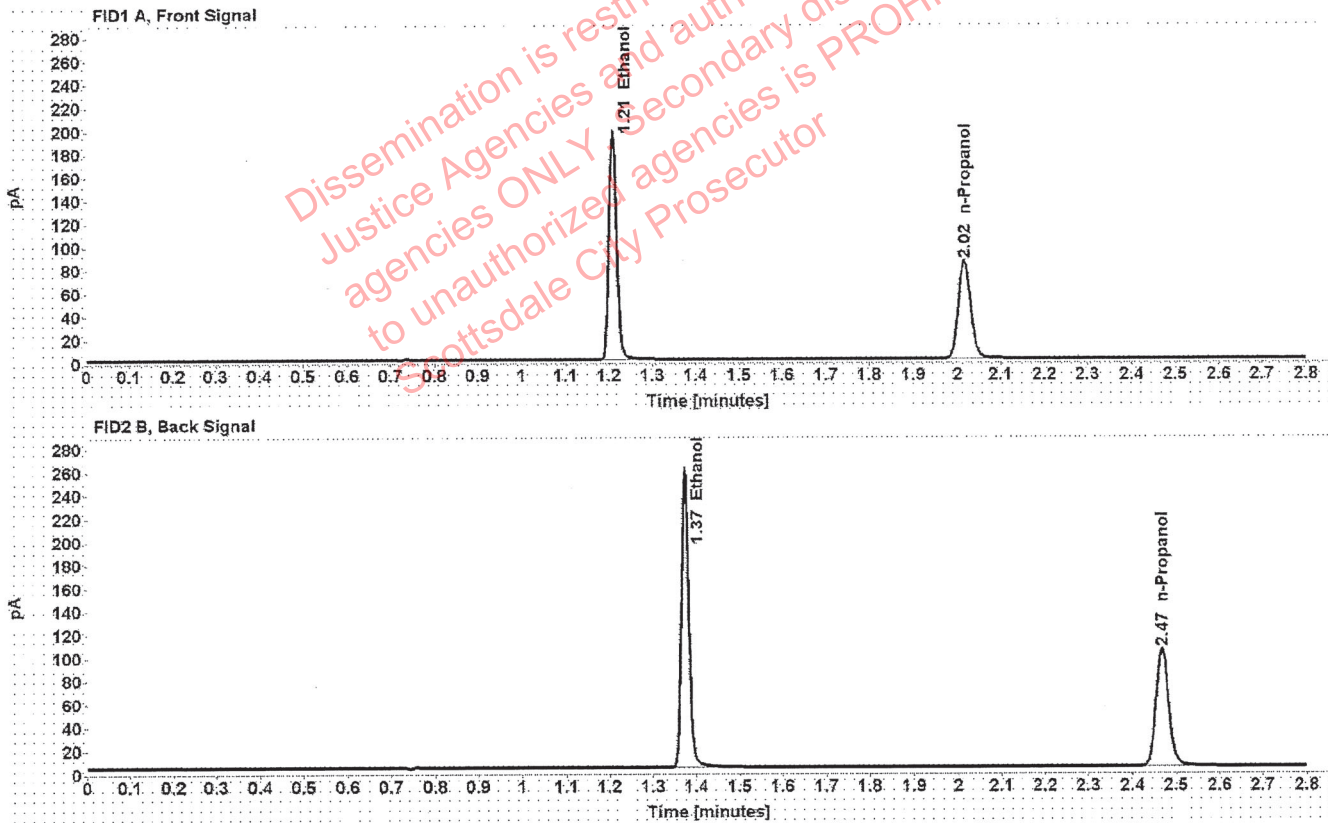


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4017	1.209	251.599
n-Propanol	-----	2.016	167.973

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

Compound	Time (min)	Peak Area
Ethanol	1.374	314.737
n-Propanol	2.467	206.240

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 48
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 22Dec20
Instrument: US14173023 CN14160045	Injection date: 12/22/2020 6:09:08 PM
Data file: C:\Chem32\1\Data\22Dec20\48.D	Analyst: Abbott <i>JA</i>

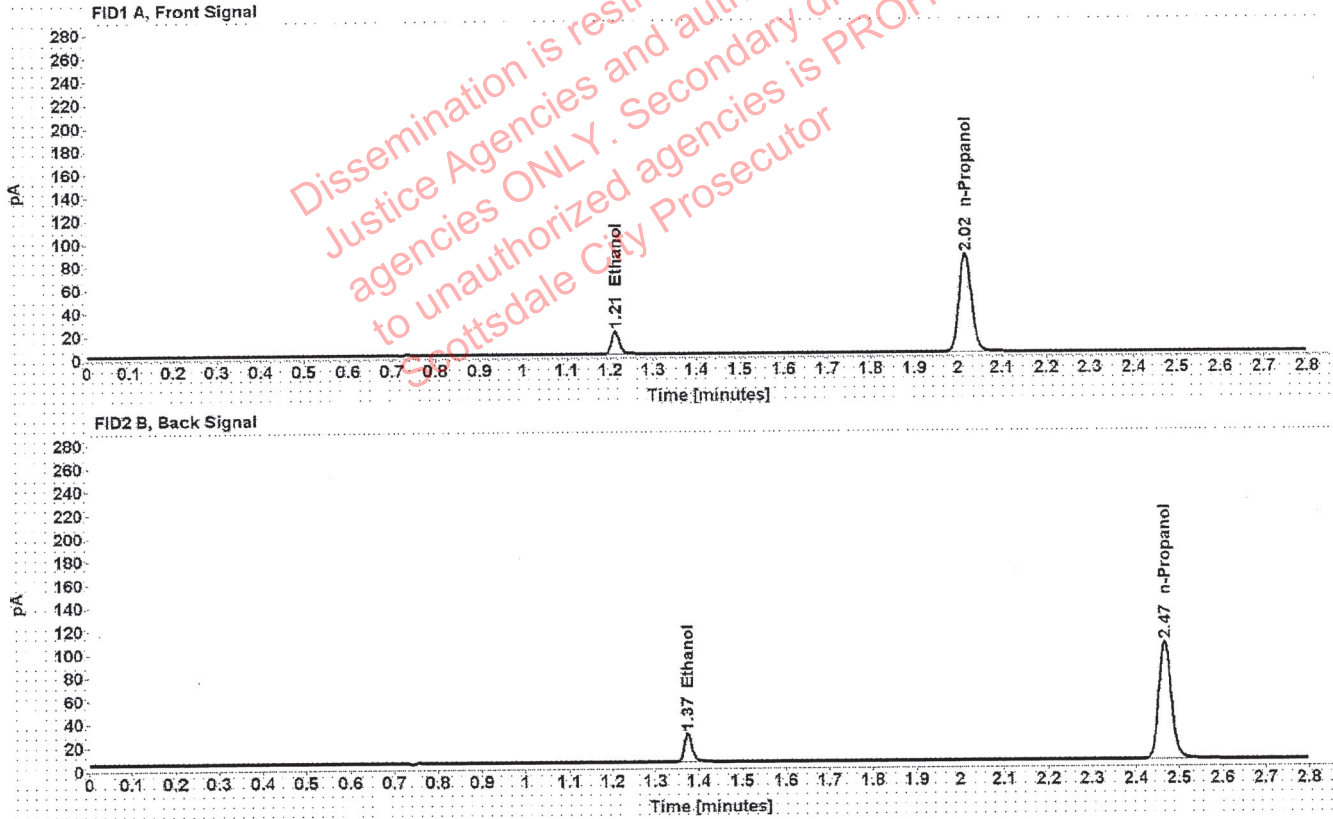


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.211	24.882
n-Propanol	-----	2.016	168.872

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

Compound	Time (min)	Peak Area
Ethanol	1.375	30.892
n-Propanol	2.467	206.470

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 49
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 22Dec20
Instrument: US14173023 CN14160045	Injection date: 12/22/2020 6:13:24 PM
Data file: C:\Chem32\1\Data\22Dec20\49.D	Analyst: Abbott <i>AB</i>

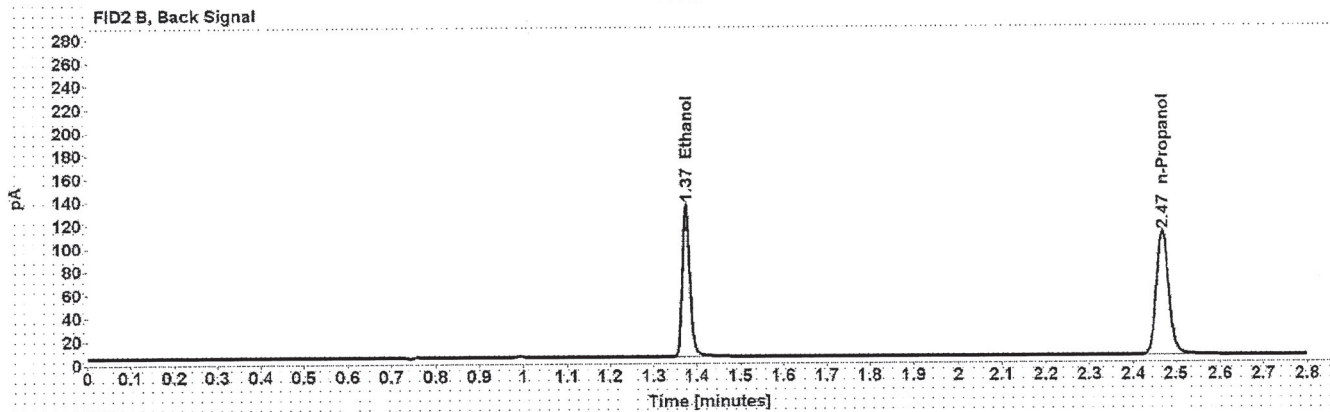
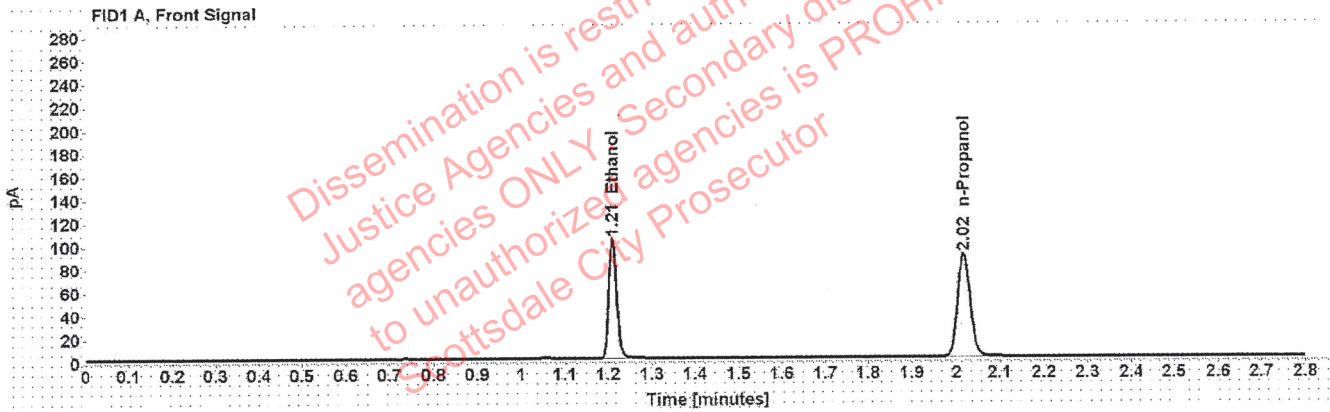


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1992	1.210	131.238
n-Propanol	-----	2.017	177.336

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

Compound	Time (min)	Peak Area
Ethanol	1.375	163.824
n-Propanol	2.468	217.284

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	50
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 6:17:24 PM
Data file:	C:\Chem32\1\Data\22Dec20\50.D	Analyst:	Abbott <i>PA</i>

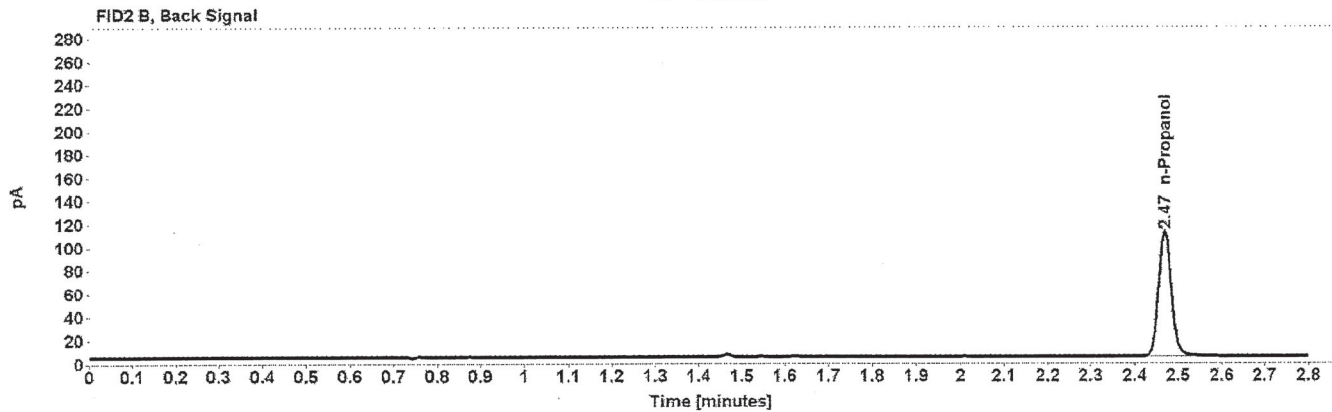
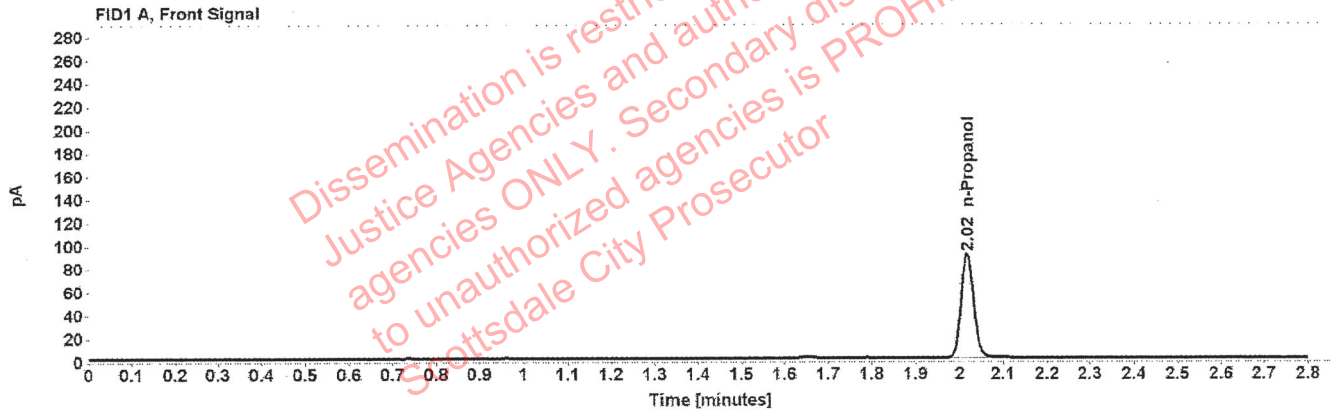


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	178.952

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	219.317

Sequence Summary

Sequence name: 22Dec20 Instrument: US14173023 CN14160045 Analyst: Abbott *De*

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	112420AQ	Negative	Control		ethanol quant.M
6	070819MIX	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	407041529/13	0.198	Control		ethanol quant.M
10	34401GK		Sample		ethanol quant.M
11	34401GK		Sample		ethanol quant.M
12	32701PZ		Sample		ethanol quant.M
13	32701PZ		Sample		ethanol quant.M
14	33801EM		Sample		ethanol quant.M
15	33801EM		Sample		ethanol quant.M
16	34701WW		Sample		ethanol quant.M
17	34701WW		Sample		ethanol quant.M
18	38201NA		Sample		ethanol quant.M
19	38201NA		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	33401AM		Sample		ethanol quant.M
22	33401AM		Sample		ethanol quant.M
23	38201JS		Sample		ethanol quant.M
24	38201JS		Sample		ethanol quant.M
25	34001CM		Sample		ethanol quant.M
26	34001CM		Sample		ethanol quant.M
27	32001TC		Sample		ethanol quant.M
28	32001TC		Sample		ethanol quant.M
29	32701WY		Sample		ethanol quant.M
30	32701WY		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	17601MR		Sample		ethanol quant.M
33	17601MR		Sample		ethanol quant.M
34	32001AW		Sample		ethanol quant.M
35	32001AW		Sample		ethanol quant.M
36	33801MM		Sample		ethanol quant.M
37	33801MM		Sample		ethanol quant.M
38	34001VC		Sample		ethanol quant.M
39	34001VC		Sample		ethanol quant.M
40	33801KB		Sample		ethanol quant.M
41	33801KB		Sample		ethanol quant.M
42	407041529/13	0.198	Control		ethanol quant.M
43	36601KG		Sample		ethanol quant.M
44	36601KG		Sample		ethanol quant.M
45	33401CM		Sample		ethanol quant.M
46	33401CM		Sample		ethanol quant.M
47	11092018-A	0.400	Control		ethanol quant.M

Sequence Summary



48	14082019-B	0.040	Control	ethanol quant.M
49	407041529/13	0.198	Control	ethanol quant.M
50	111020WB	Negative	Control	ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 22Dec20

ANALYST: Abbott

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0996	0.0997	0.09965	0.05	0.00005
12 13	0.0959	0.0959	0.09590	0.00	0.00000
14 15	0.1896	0.1899	0.18975	0.08	0.00015
16 17	0.1753	0.1758	0.17555	0.14	0.00025
18 19	0.1628	0.1635	0.16315	0.21	0.00035
21 22	0.1283	0.1282	0.12825	0.04	0.00005
23 24	0.1454	0.1446	0.14500	0.28	0.00040
25 26	0.2436	0.2450	0.24430	0.29	0.00070
27 28	0.0922	0.0922	0.09220	0.00	0.00000
29 30	0.1747	0.1745	0.17460	0.06	0.00010
32 33	0.0630	0.0629	0.06295	0.08	0.00005
34 35	0.2393	0.2367	0.23800	0.55	0.00130
36 37	0.2342	0.2319	0.23305	0.49	0.00115
38 39	0.2094	0.2105	0.20995	0.26	0.00055
40 41	0.1948	0.1960	0.19540	0.31	0.00060
43 44	0.1096	0.1105	0.11005	0.41	0.00045
45 46	0.2059	0.2047	0.20530	0.29	0.00060

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34401GK	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 3:35:38 PM
Data file:	C:\Chem32\1\Data\22Dec20\10.D	Analyst:	Abbott

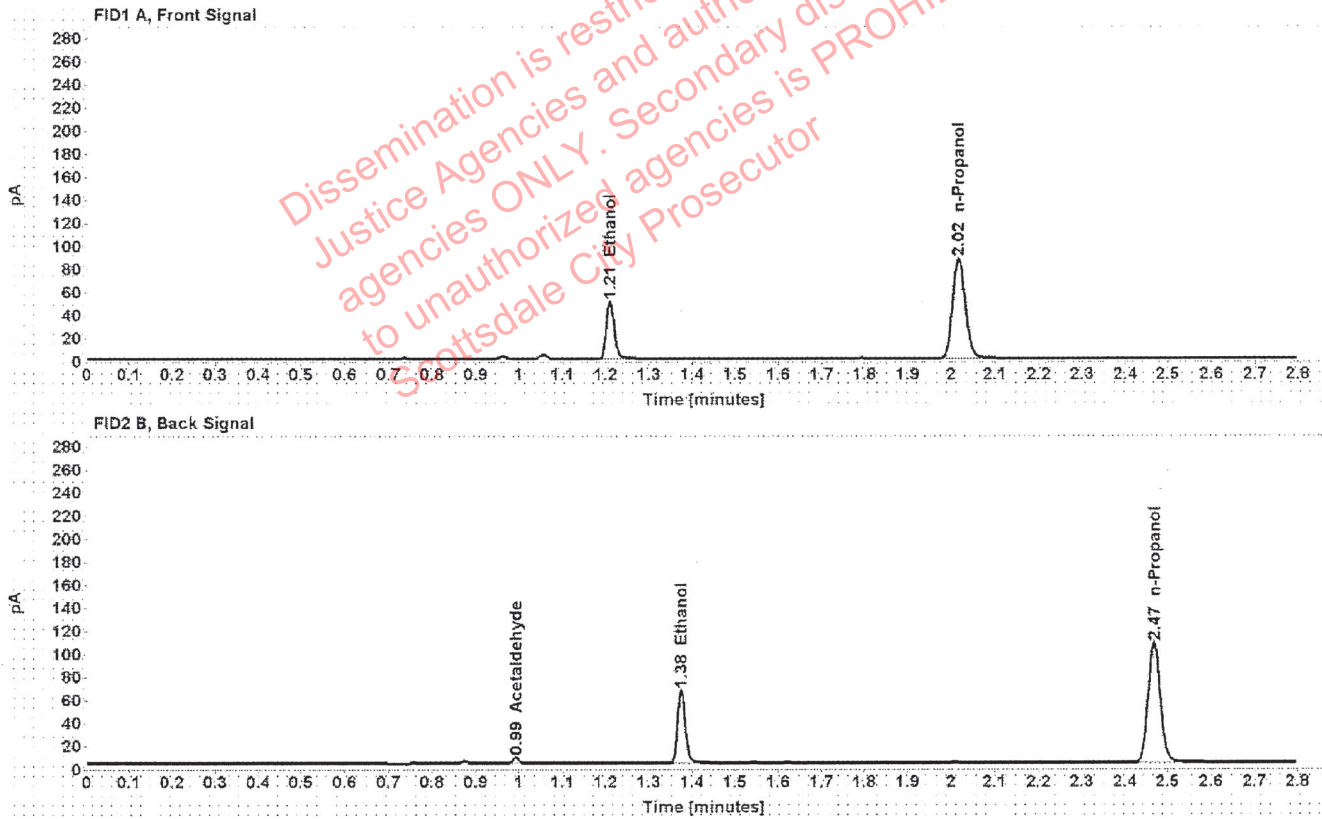


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0996	1.211	63.305
n-Propanol	-----	2.017	172.445

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.760
Ethanol	1.375	78.768
n-Propanol	2.468	212.480

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34401GK	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 3:39:38 PM
Data file:	C:\Chem32\1\Data\22Dec20\11.D	Analyst:	Abbott

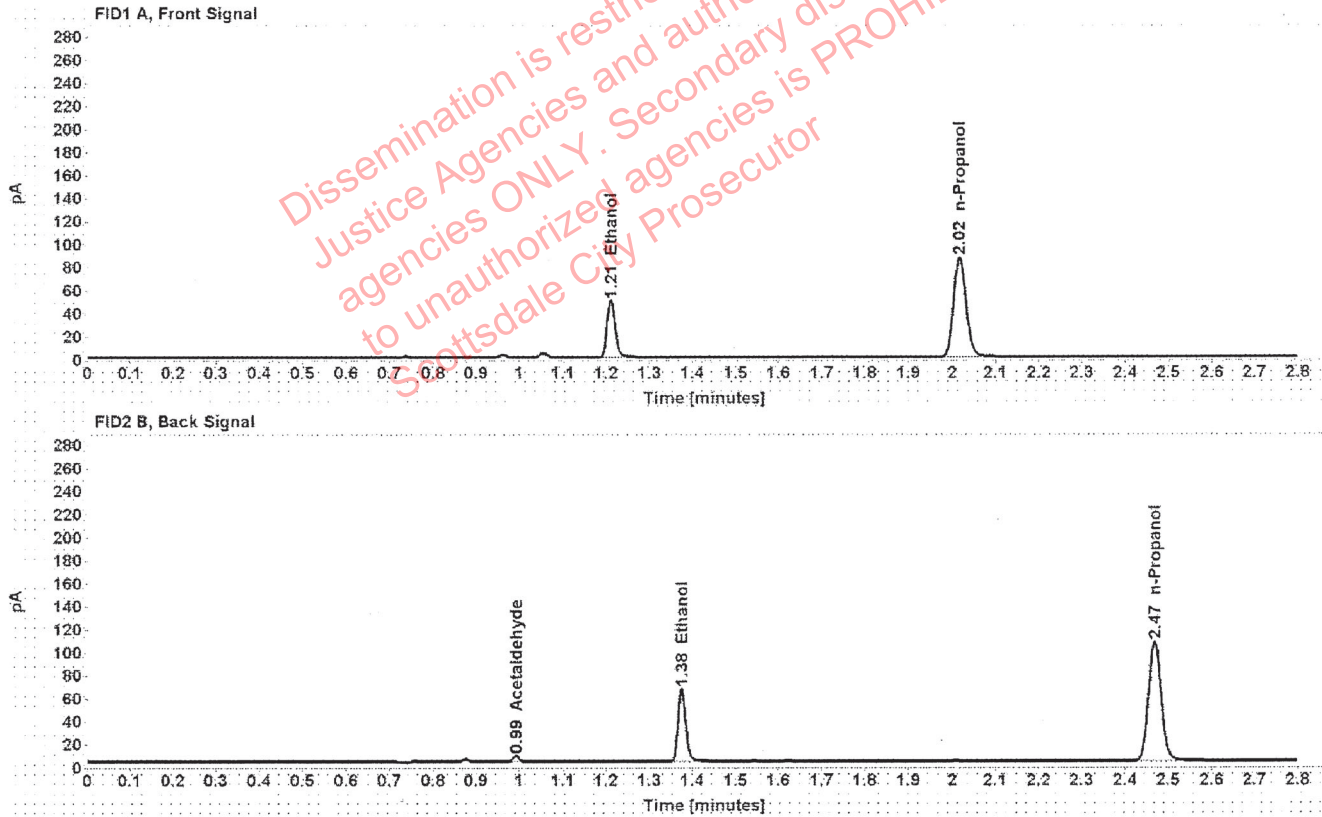


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0997	1.211	63.166
n-Propanol	-----	2.017	171.840

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.748
Ethanol	1.375	78.587
n-Propanol	2.468	211.594

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701PZ	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 3:43:40 PM
Data file:	C:\Chem32\1\Data\22Dec20\12.D	Analyst:	Abbott

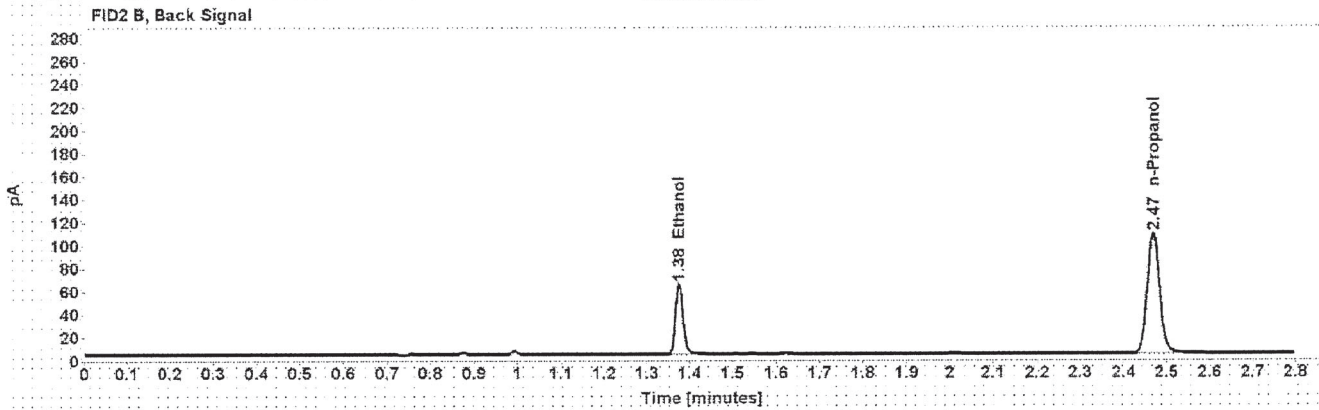
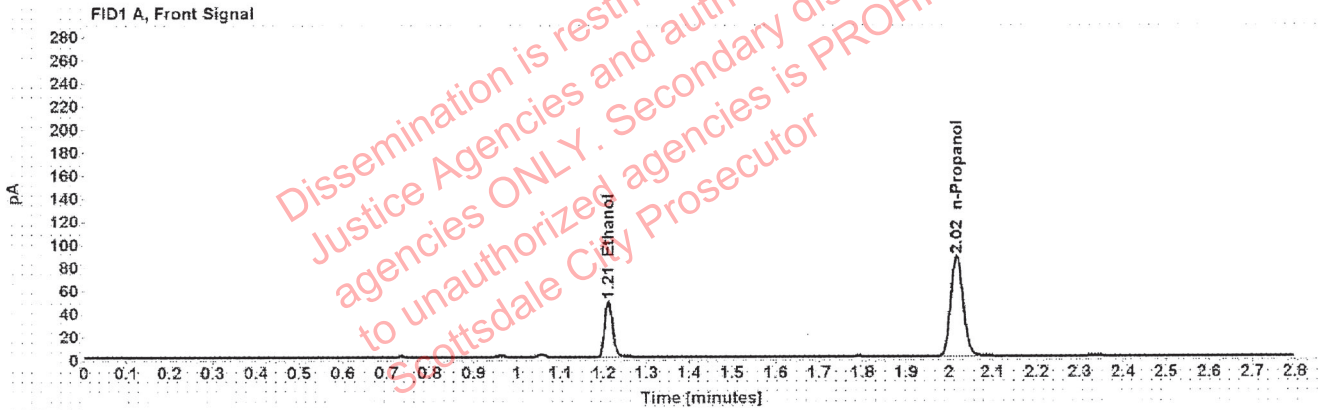


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0959	1.211	61.181
n-Propanol	-----	2.017	173.149

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

Compound	Time (min)	Peak Area
Ethanol	1.375	75.911
n-Propanol	2.469	213.294

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701PZ	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 3:47:53 PM
Data file:	C:\Chem32\1\Data\22Dec20\13.D	Analyst:	Abbott

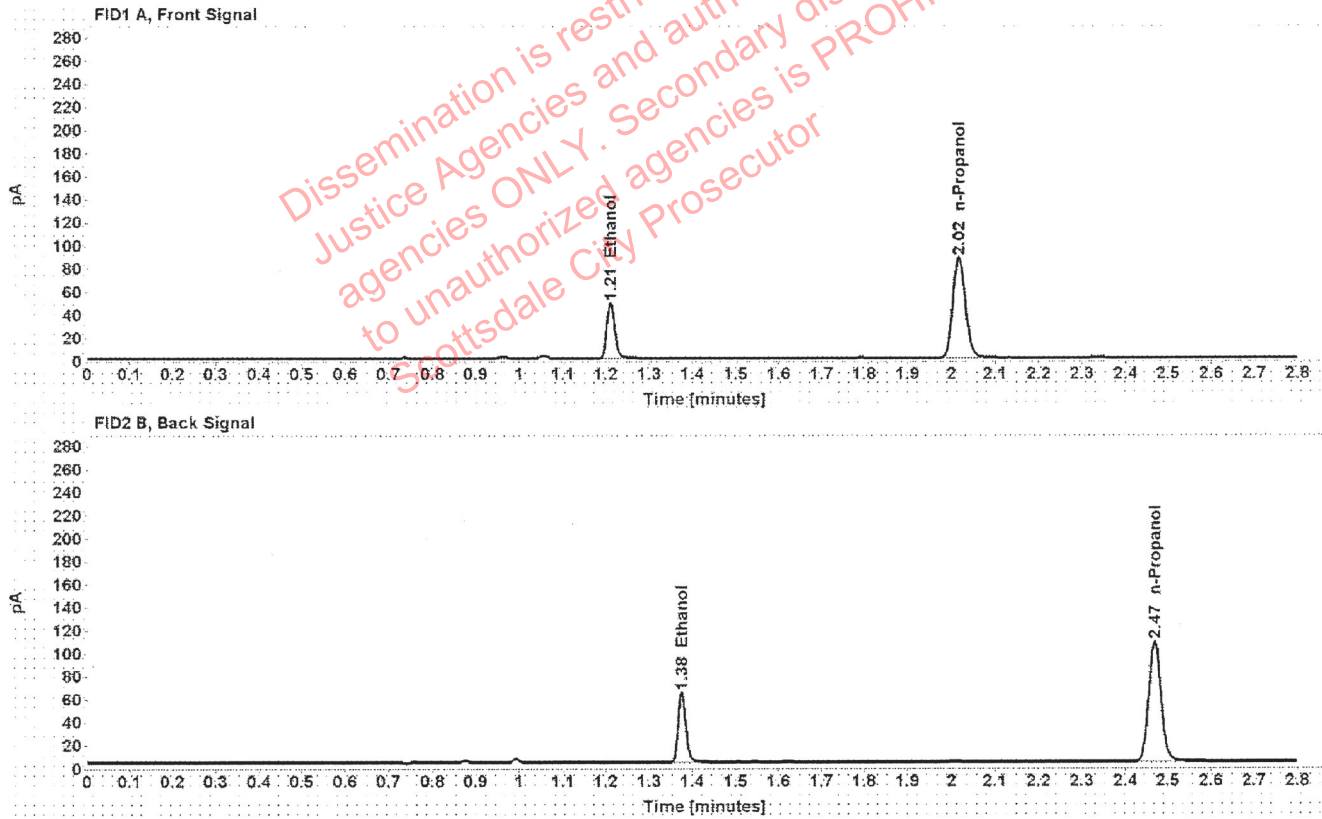


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0959	1.211	61.201
n-Propanol	-----	2.017	173.187

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

Compound	Time (min)	Peak Area
Ethanol	1.375	75.951
n-Propanol	2.469	213.265

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801EM	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 3:51:55 PM
Data file:	C:\Chem32\1\Data\22Dec20\14.D	Analyst:	Abbott

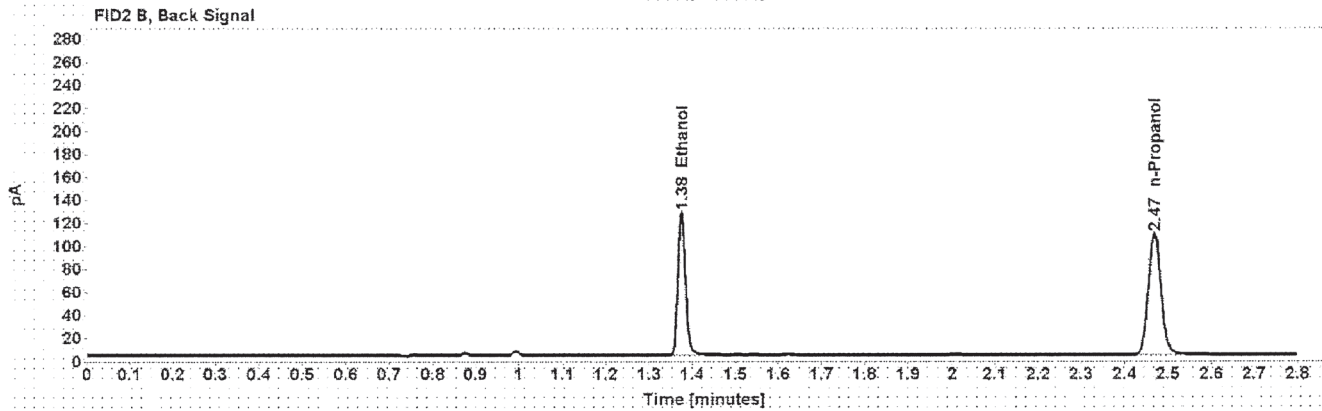
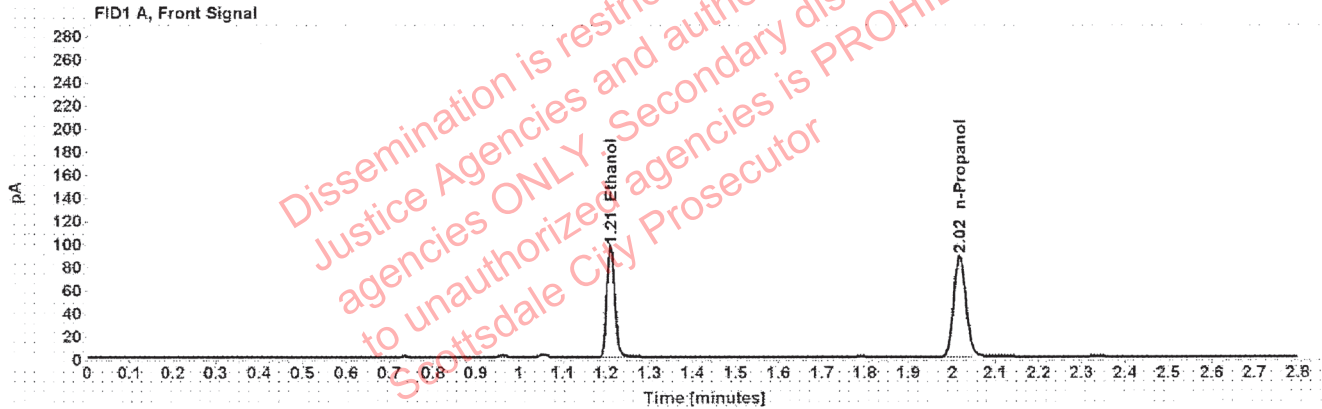


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1896	1.210	122.909
n-Propanol	-----	2.017	174.551

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

Compound	Time (min)	Peak Area
Ethanol	1.375	154.674
n-Propanol	2.469	215.162

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801EM	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 3:55:55 PM
Data file:	C:\Chem32\1\Data\22Dec20\15.D	Analyst:	Abbott

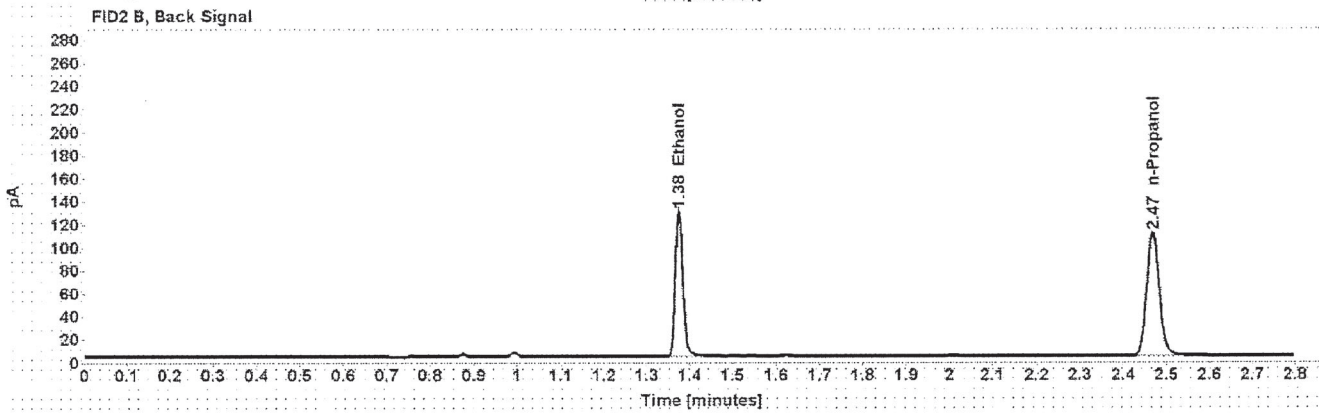
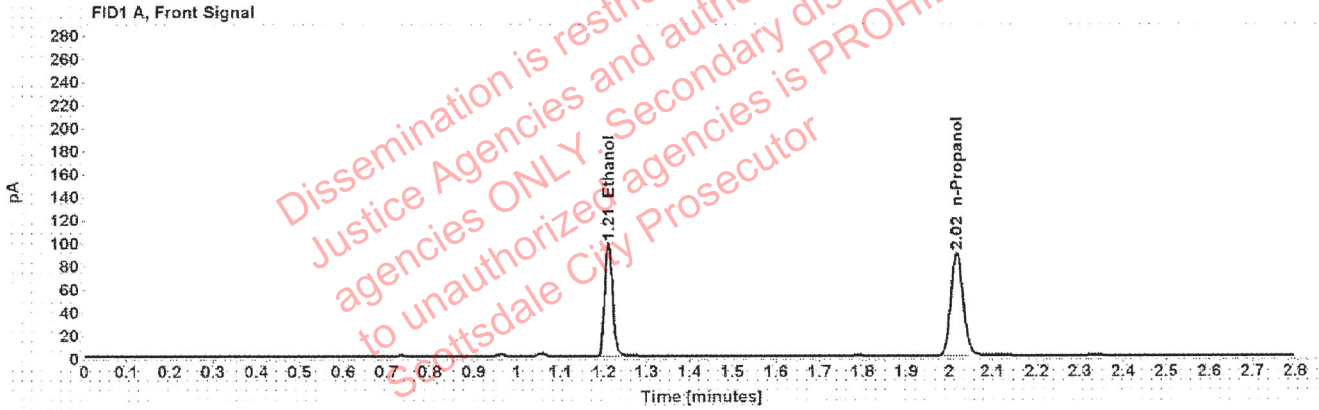


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1899	1.210	125.349
n-Propanol	-----	2.017	177.775

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

Compound	Time (min)	Peak Area
Ethanol	1.375	157.965
n-Propanol	2.469	218.764

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34701WW	Vial:	16
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 3:59:54 PM
Data file:	C:\Chem321\1\Data\22Dec20\16.D	Analyst:	Abbott

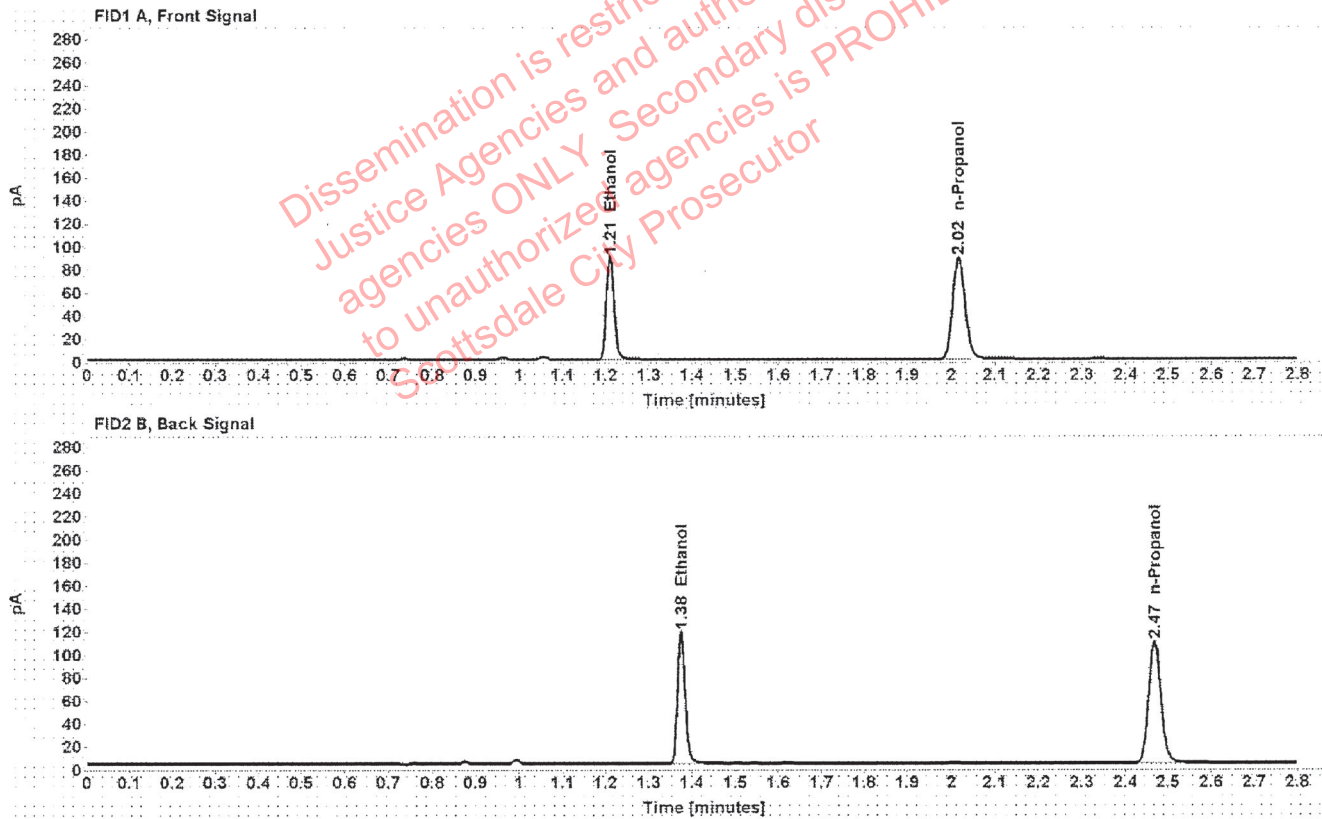


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1753	1.210	114.261
n-Propanol	-----	2.017	175.676

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

Compound	Time (min)	Peak Area
Ethanol	1.375	142.261
n-Propanol	2.468	216.294

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34701VWV	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 4:03:53 PM
Data file:	C:\Chem32\11\Data\22Dec20\17.D	Analyst:	Abbott

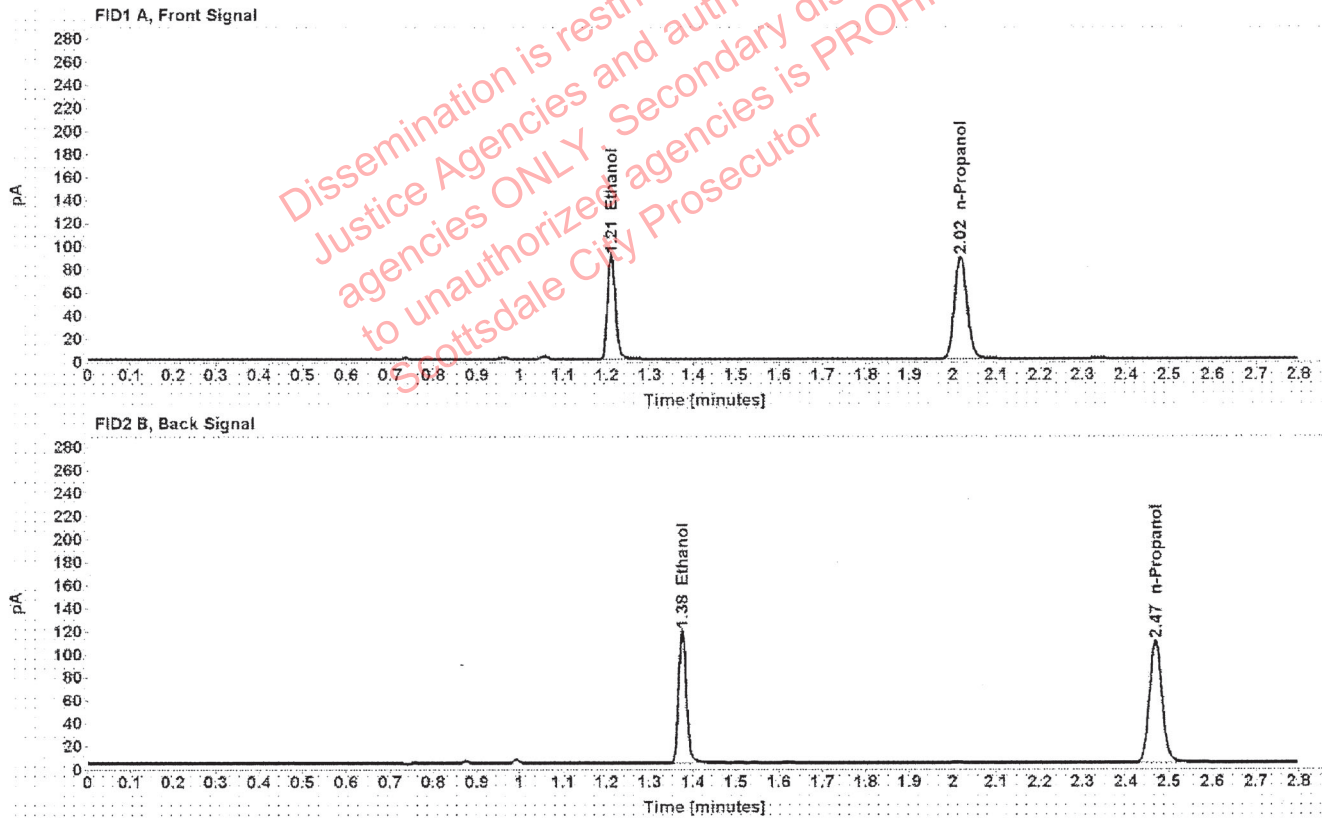


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1758	1.210	114.810
n-Propanol	-----	2.017	175.983

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

Compound	Time (min)	Peak Area
Ethanol	1.375	142.925
n-Propanol	2.468	216.981

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38201NA	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 4:07:54 PM
Data file:	C:\Chem32\1\Data\22Dec20\18.D	Analyst:	Abbott

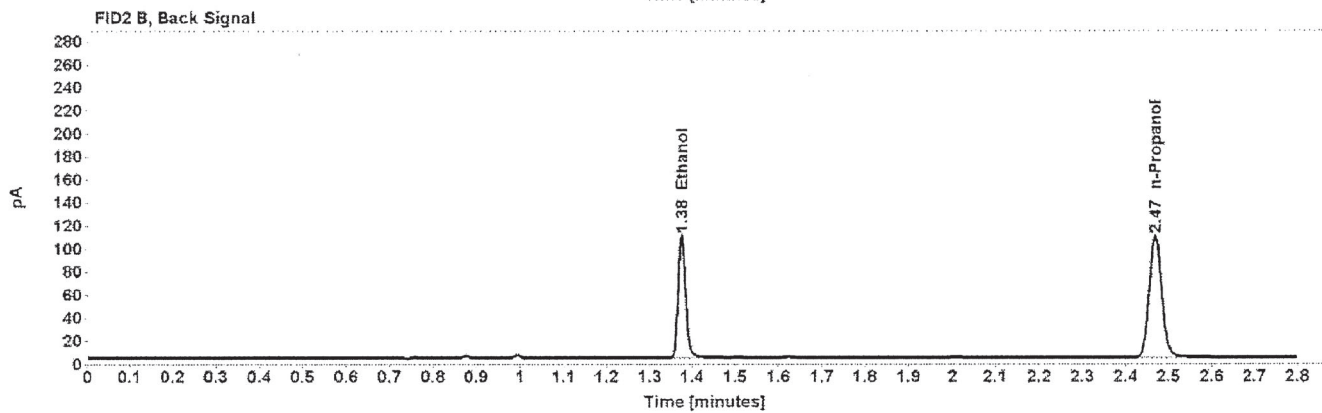
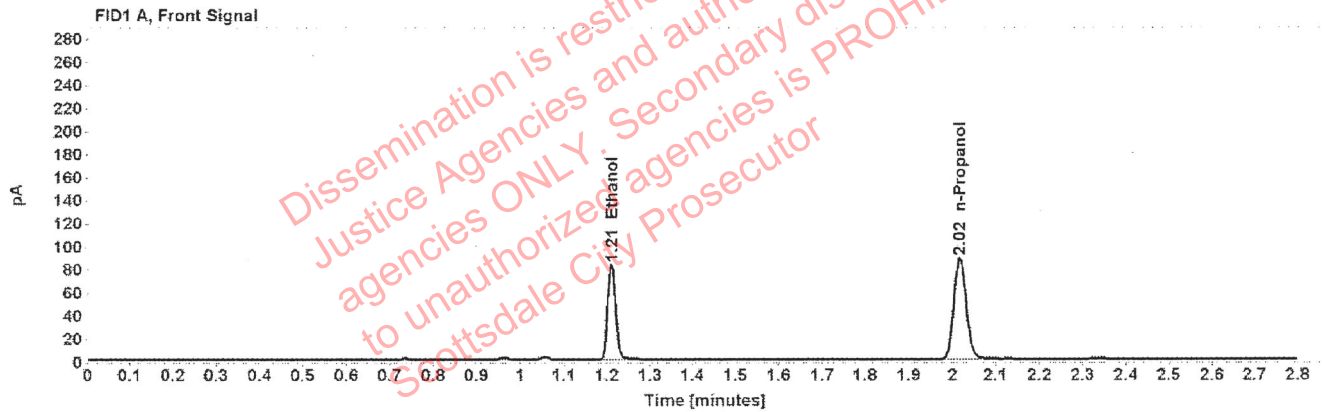


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1628	1.211	105.738
n-Propanol	-----	2.017	175.128

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

Compound	Time (min)	Peak Area
Ethanol	1.375	131.867
n-Propanol	2.469	215.636

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38201NA	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 4:12:10 PM
Data file:	C:\Chem32\1\Data\22Dec20\19.D	Analyst:	Abbott

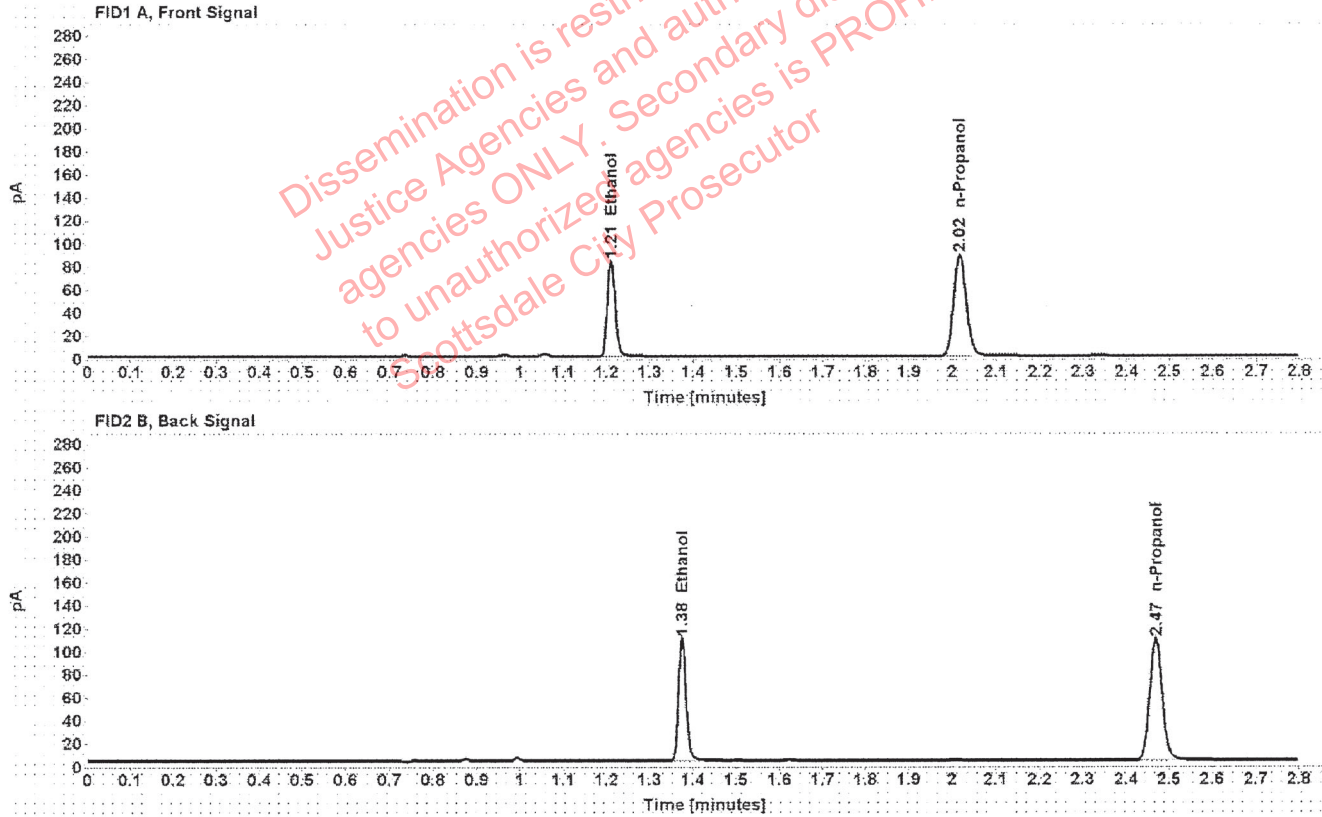


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1635	1.211	106.446
n-Propanol	-----	2.017	175.577

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

Compound	Time (min)	Peak Area
Ethanol	1.375	133.734
n-Propanol	2.468	215.866

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33401AM	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 4:20:10 PM
Data file:	C:\Chem32\1\Data\22Dec20\21.D	Analyst:	Abbott

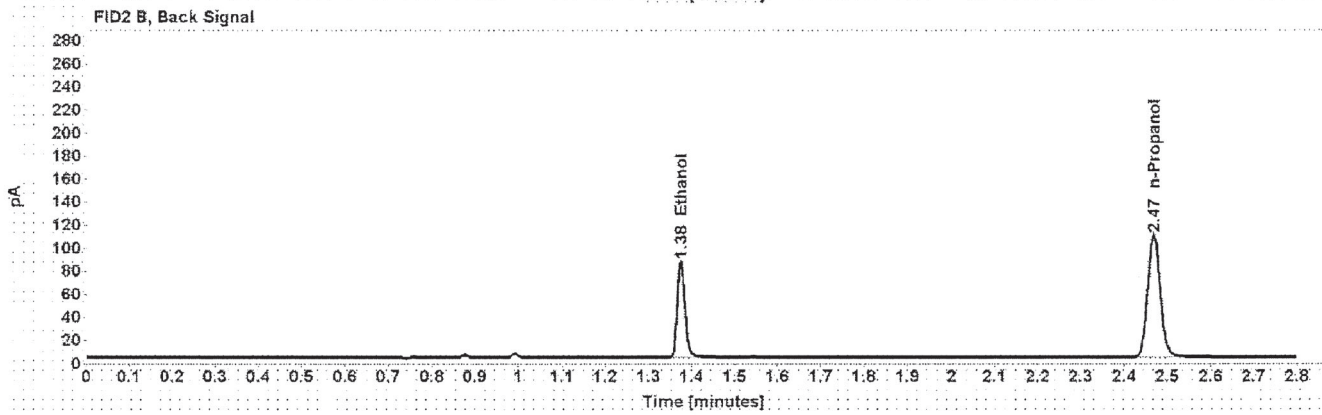
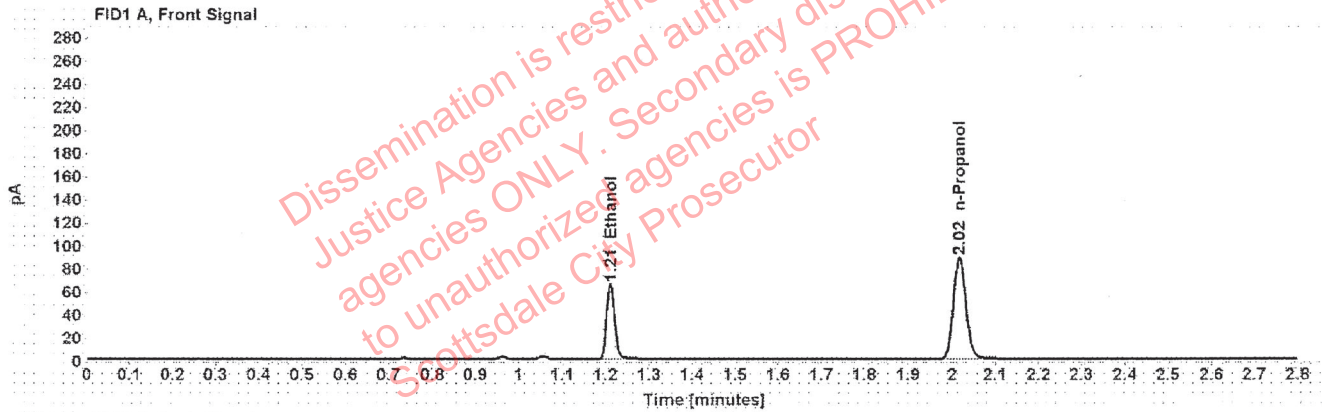


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1283	1.211	83.688
n-Propanol	-----	2.017	176.277

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

Compound	Time (min)	Peak Area
Ethanol	1.375	103.900
n-Propanol	2.468	215.918

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33401AM	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 4:24:10 PM
Data file:	C:\Chem32\1\Data\22Dec20\22.D	Analyst:	Abbott

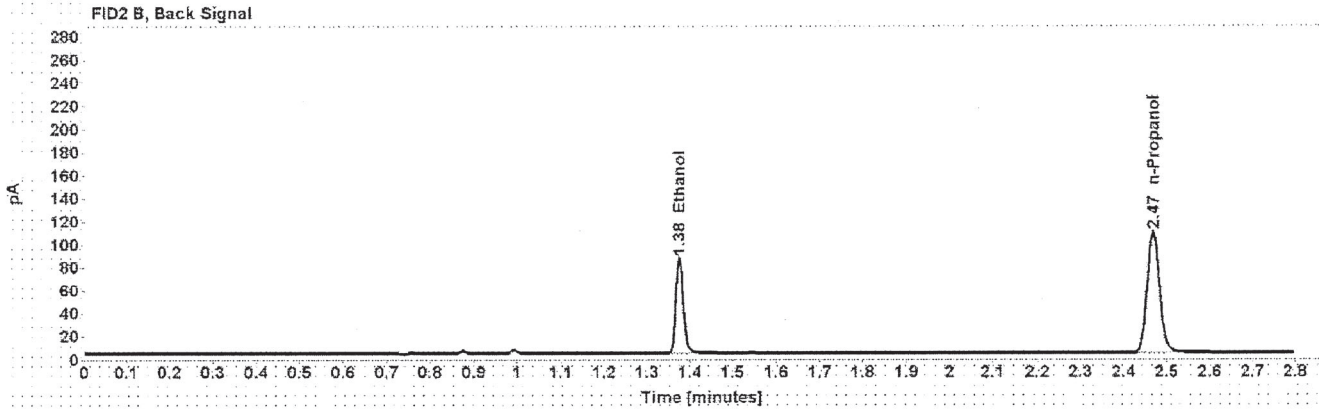
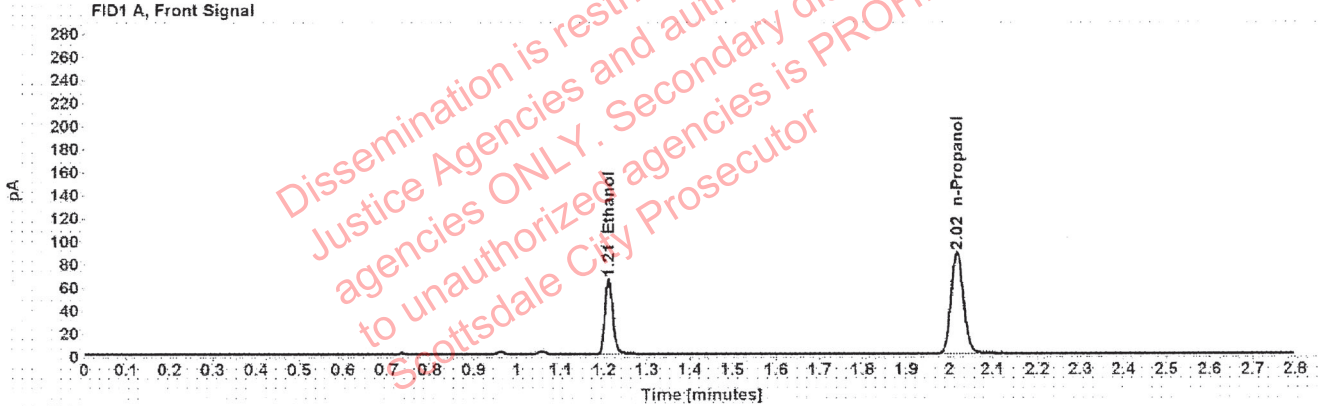


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1282	1.211	83.225
n-Propanol	-----	2.017	175.528

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

Compound	Time (min)	Peak Area
Ethanol	1.375	103.492
n-Propanol	2.468	215.081

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38201JS	Vial:	23
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 4:28:11 PM
Data file:	C:\Chem32\1\Data\22Dec20\23.D	Analyst:	Abbott

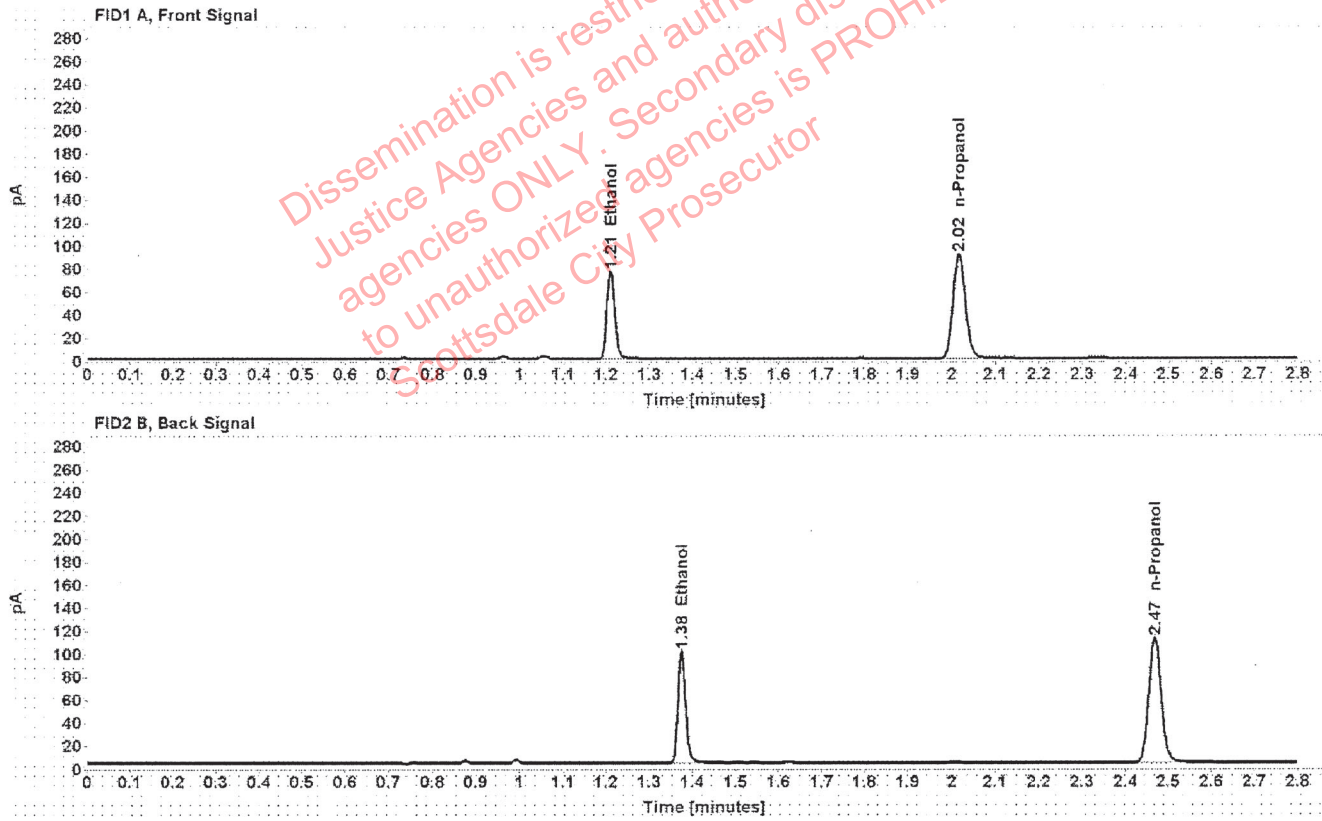


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1454	1.211	97.570
n-Propanol	-----	2.017	181.126

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

Compound	Time (min)	Peak Area
Ethanol	1.375	121.352
n-Propanol	2.468	222.850

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38201JS	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 4:32:09 PM
Data file:	C:\Chem32\1\Data\22Dec20\24.D	Analyst:	Abbott

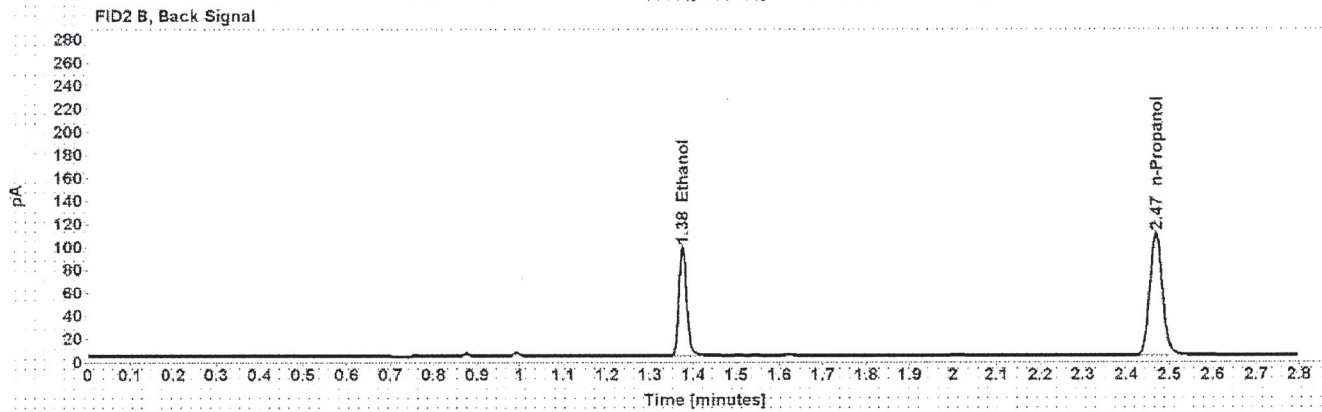
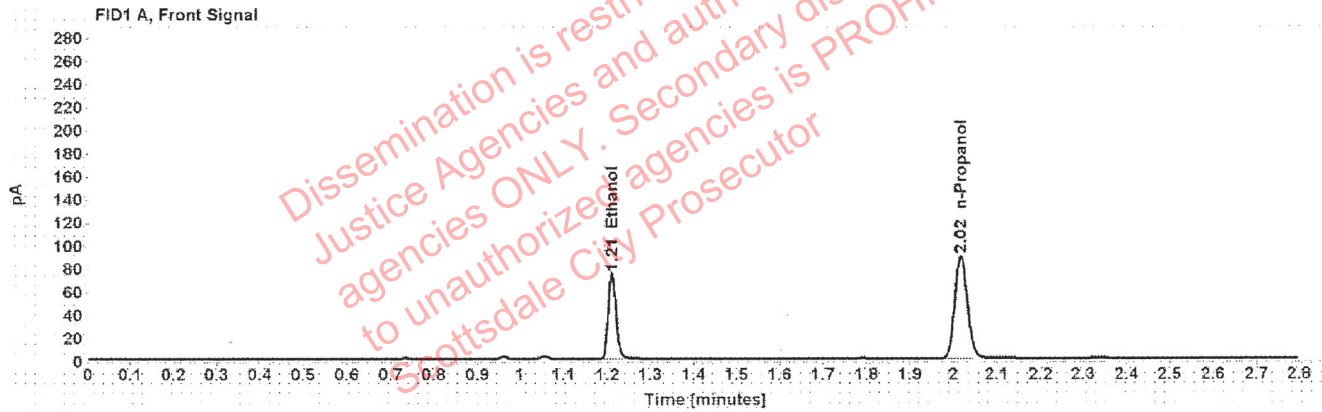


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1446	1.211	94.648
n-Propanol	-----	2.017	176.721

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

Compound	Time (min)	Peak Area
Ethanol	1.375	117.645
n-Propanol	2.468	217.118

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001CM	Vial:	25
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 4:36:23 PM
Data file:	C:\Chem32\11\Data\22Dec20\25.D	Analyst:	Abbott

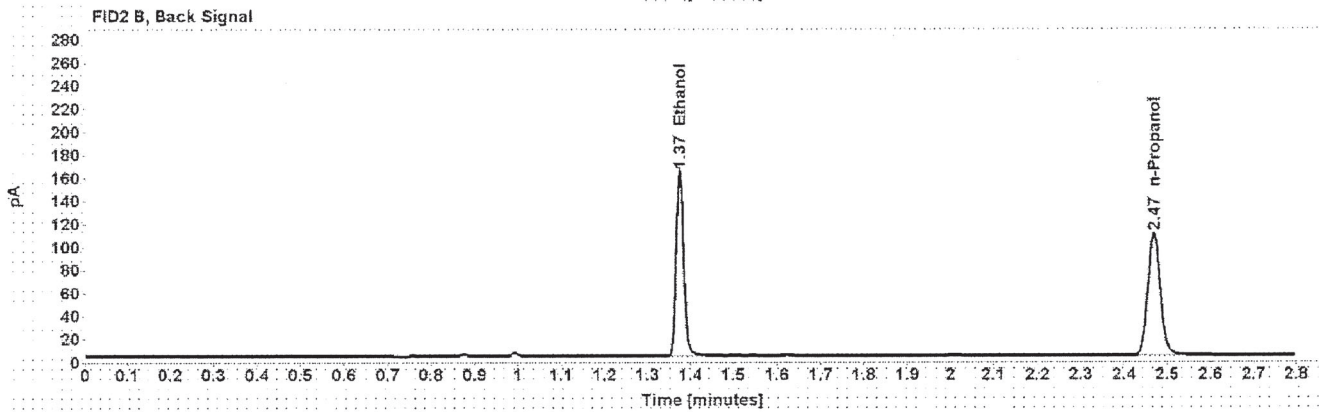
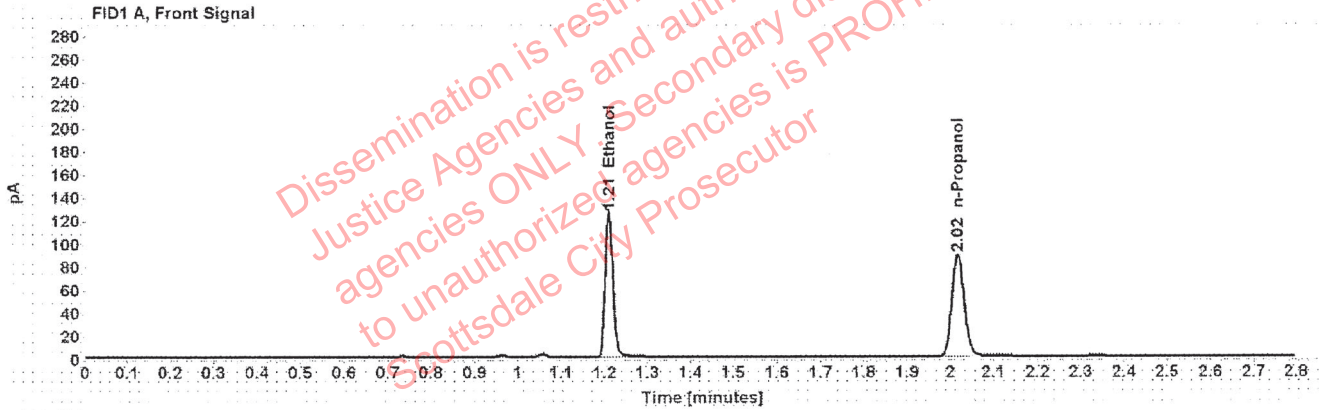


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2436	1.210	159.621
n-Propanol	-----	2.017	176.188

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

Compound	Time (min)	Peak Area
Ethanol	1.375	200.182
n-Propanol	2.468	217.005

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001CM	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 4:40:26 PM
Data file:	C:\Chem32\1\Data\22Dec20\26.D	Analyst:	Abbott

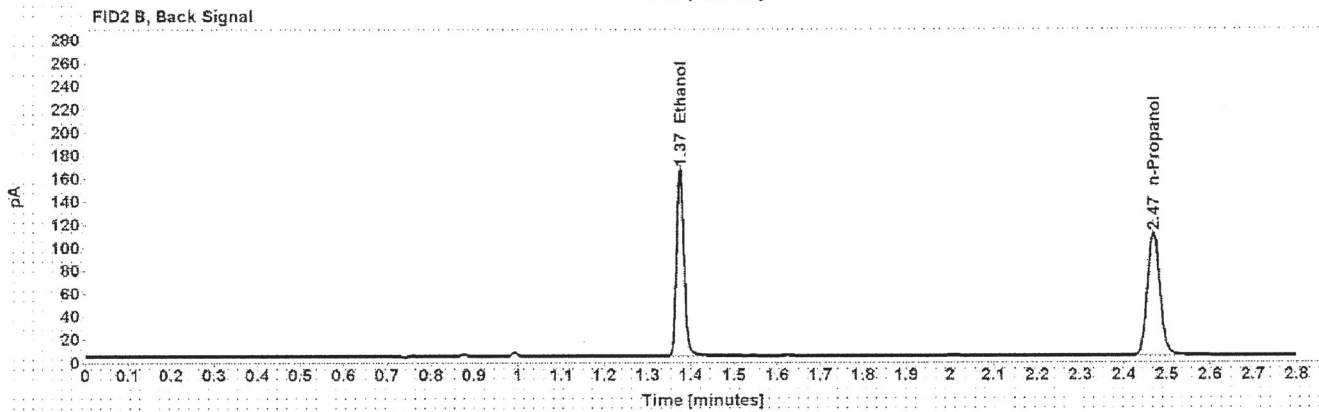
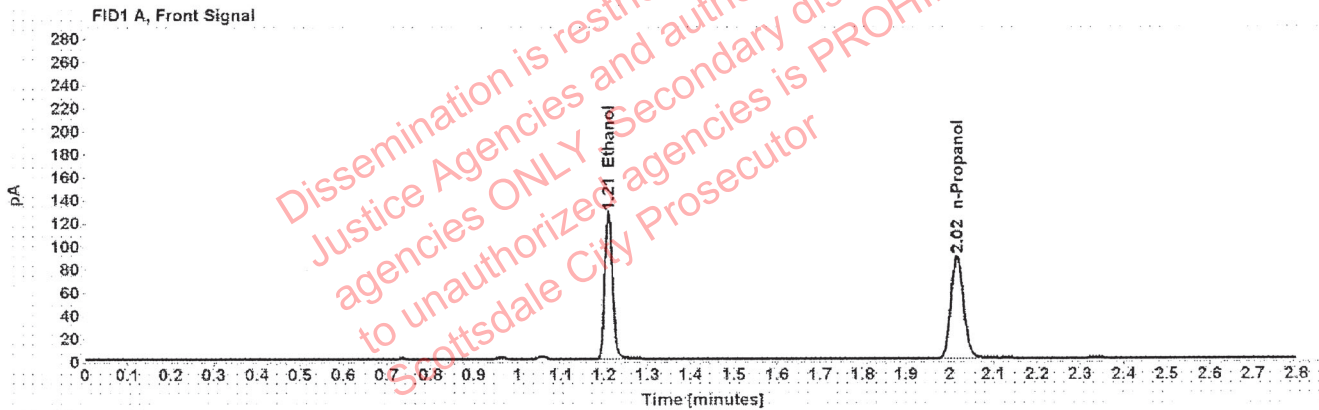


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2450	1.210	161.534
n-Propanol	-----	2.017	177.273

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

Compound	Time (min)	Peak Area
Ethanol	1.375	202.763
n-Propanol	2.469	218.022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001TC	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 4:44:23 PM
Data file:	C:\Chem32\1\Data\22Dec20\27.D	Analyst:	Abbott

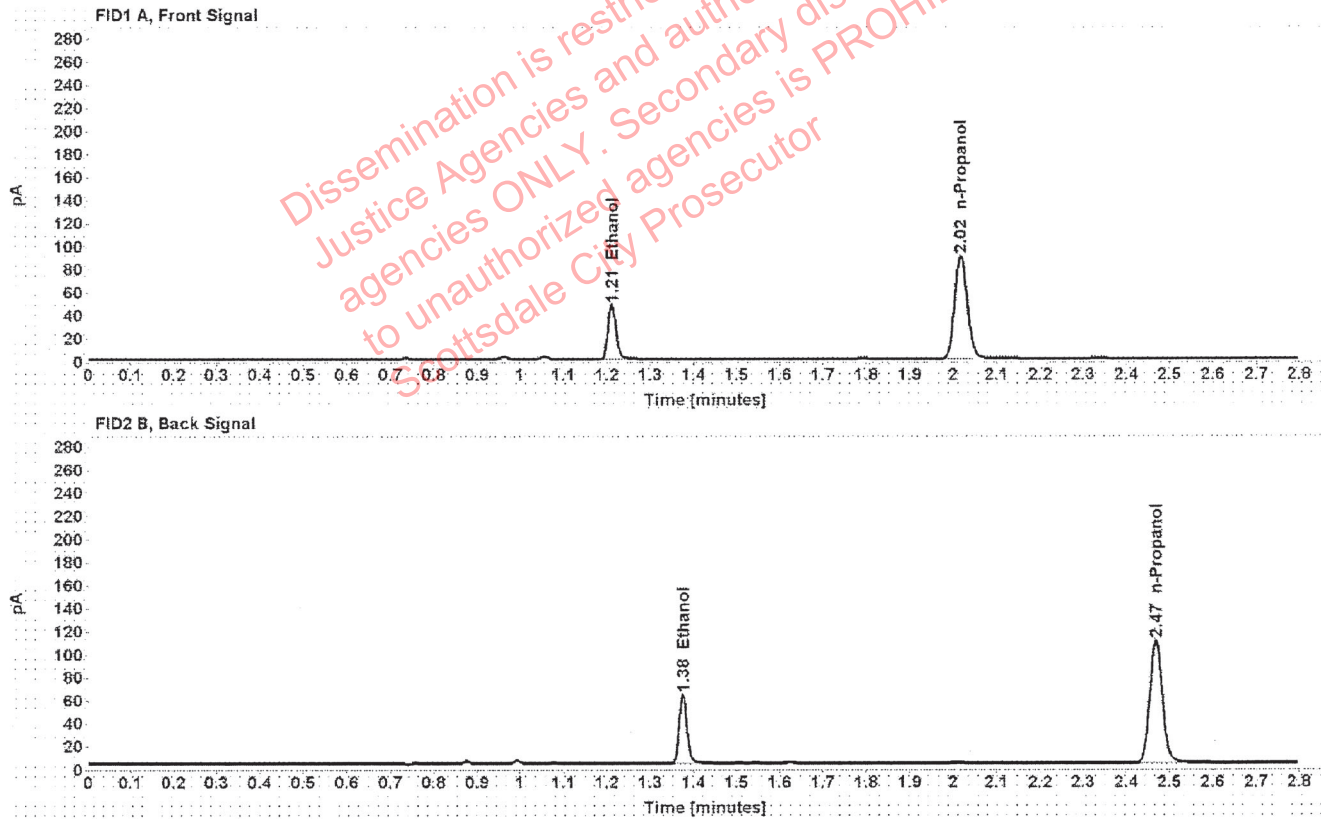


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0922	1.211	60.407
n-Propanol	-----	2.017	177.907

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

Compound	Time (min)	Peak Area
Ethanol	1.376	74.977
n-Propanol	2.469	218.643

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001TC	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 4:48:25 PM
Data file:	C:\Chem32\1\Data\22Dec20\28.D	Analyst:	Abbott

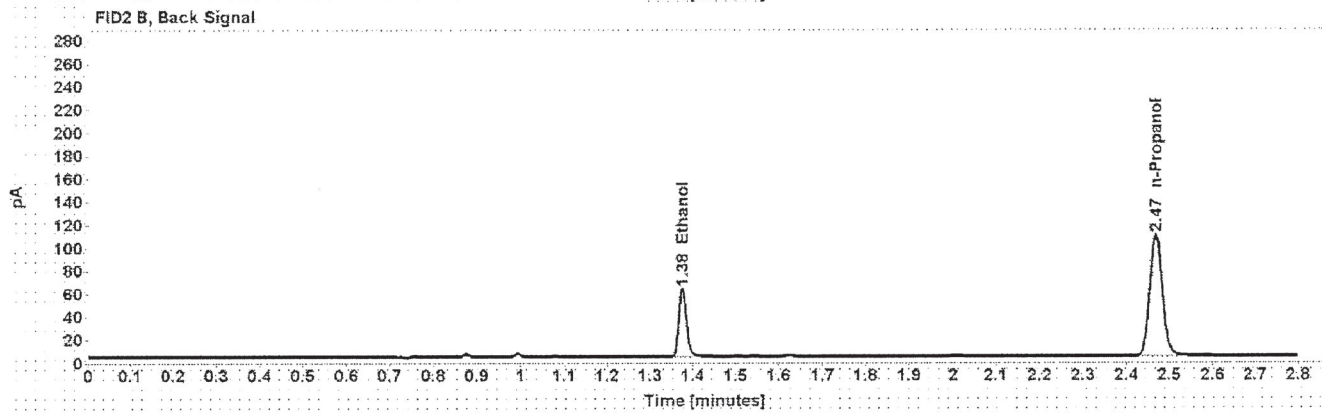
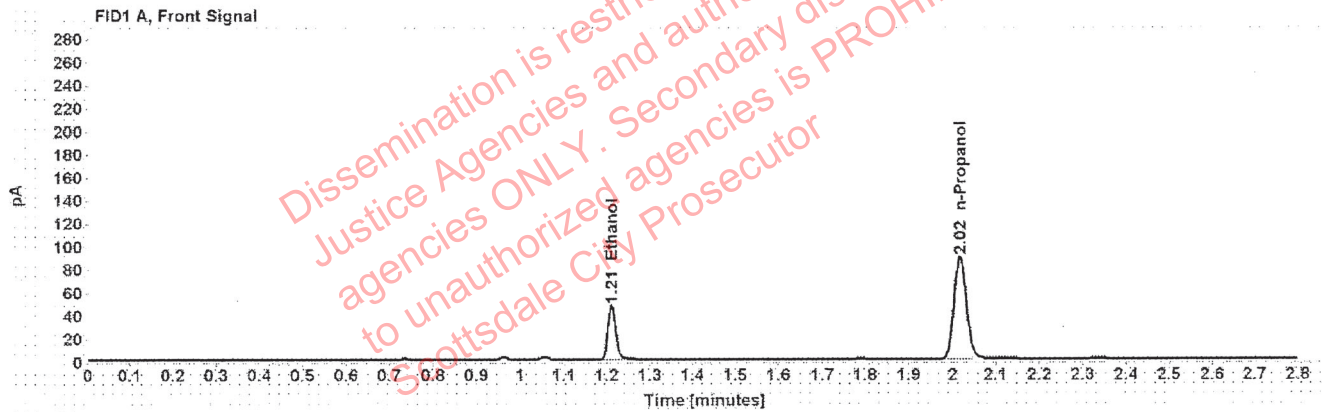


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0922	1.211	59.842
n-Propanol	-----	2.017	176.276

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

Compound	Time (min)	Peak Area
Ethanol	1.376	74.107
n-Propanol	2.469	216.719

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701WY	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 4:52:24 PM
Data file:	C:\Chem321\1Data\22Dec20\29.D	Analyst:	Abbott

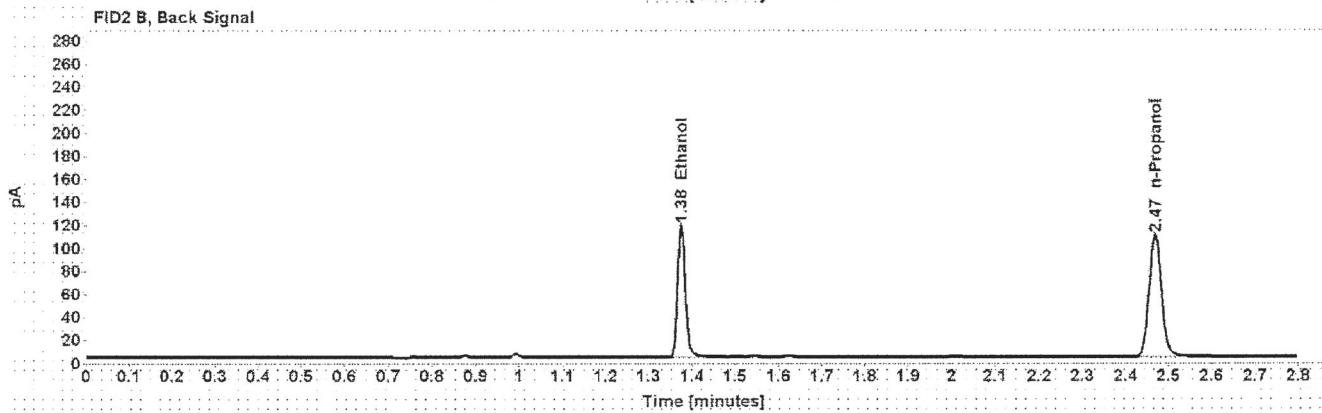
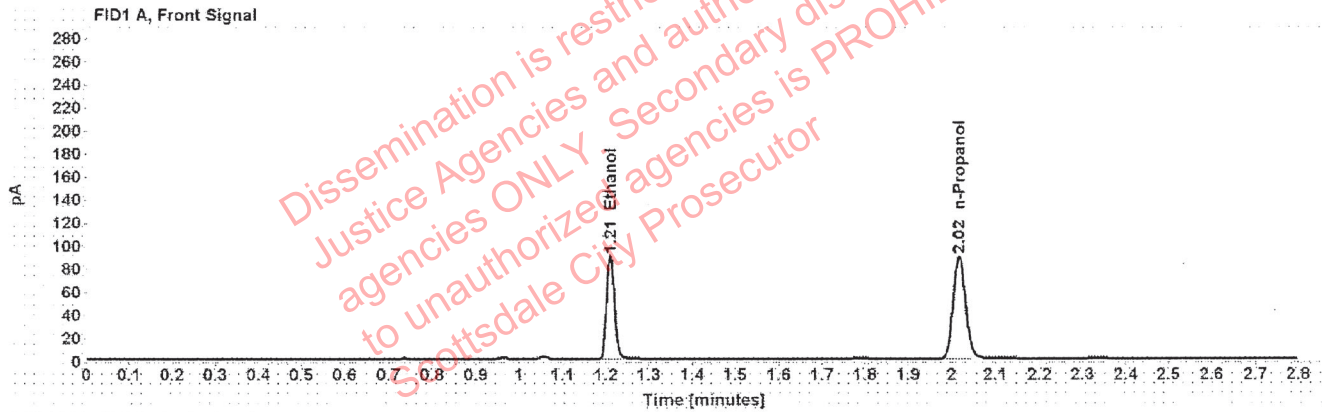


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1747	1.210	114.437
n-Propanol	-----	2.017	176.527

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

Compound	Time (min)	Peak Area
Ethanol	1.375	143.835
n-Propanol	2.468	217.118

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701WY	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 4:56:23 PM
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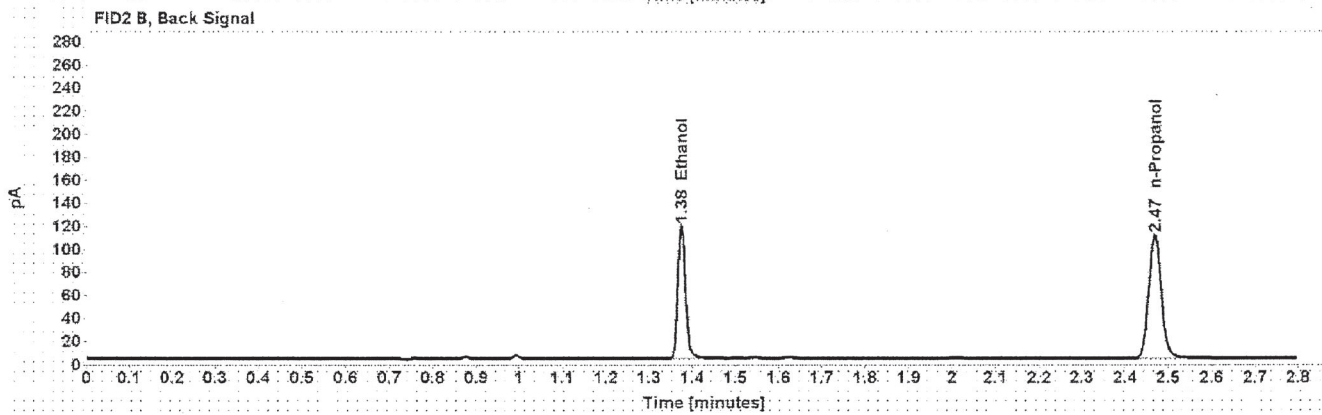
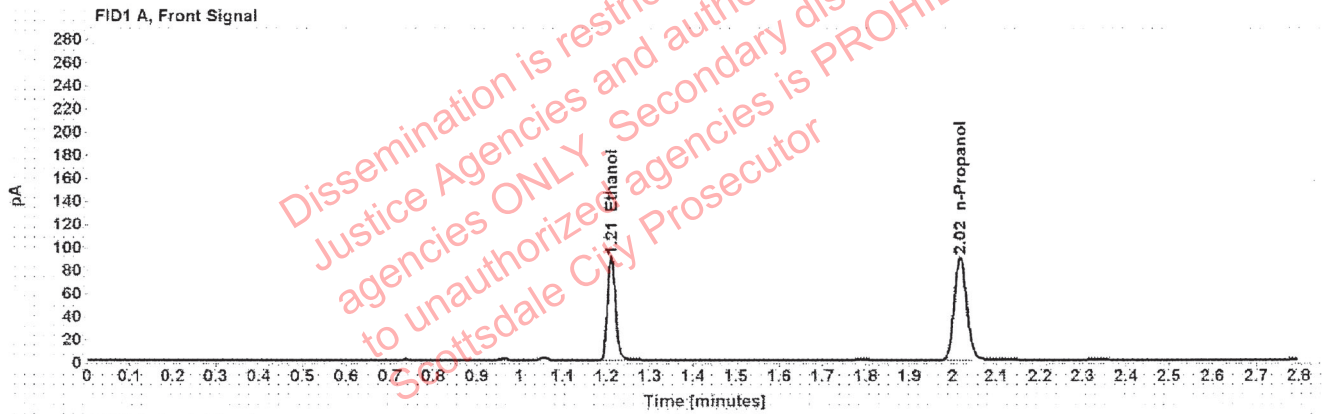


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1745	1.211	115.023
n-Propanol	-----	2.017	177.676

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

Compound	Time (min)	Peak Area
Ethanol	1.375	144.328
n-Propanol	2.469	218.658

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601MR	Vial:	32
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 5:04:38 PM
Data file:	C:\Chem32\1\Data\22Dec20\32.D	Analyst:	Abbott

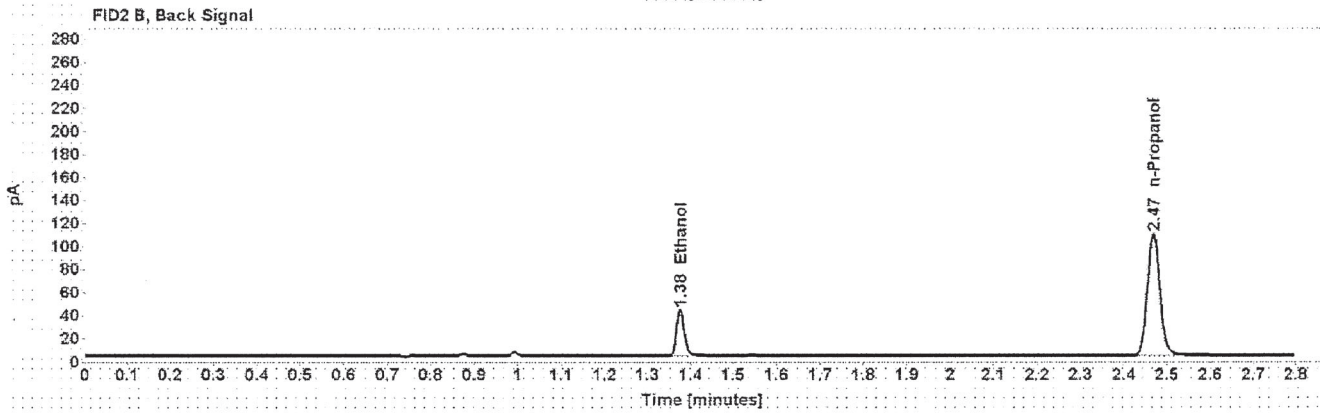
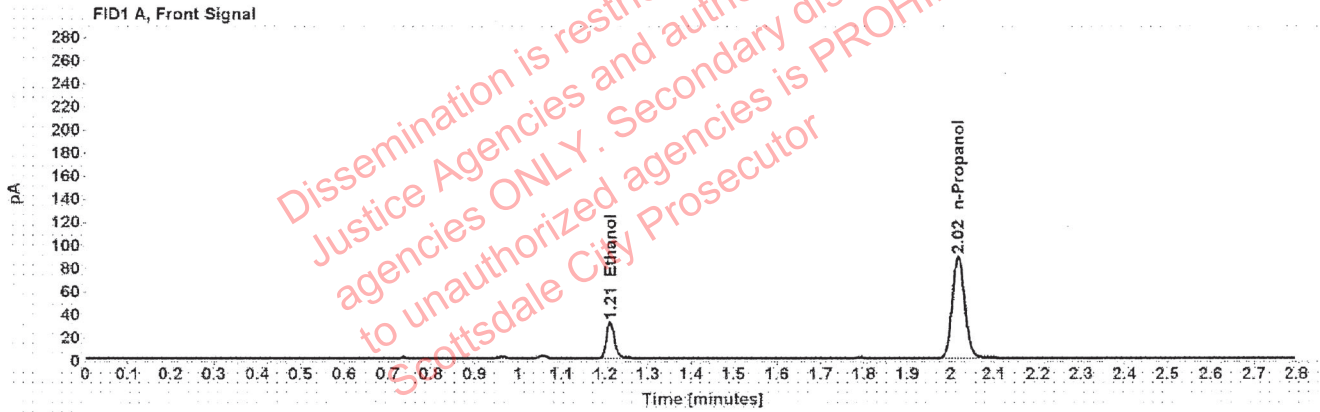


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0630	1.212	40.465
n-Propanol	-----	2.017	175.783

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

Compound	Time (min)	Peak Area
Ethanol	1.376	50.924
n-Propanol	2.468	215.119

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601MR	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 5:08:39 PM
Data file:	C:\Chem32\1\Data\22Dec20\33.D	Analyst:	Abbott

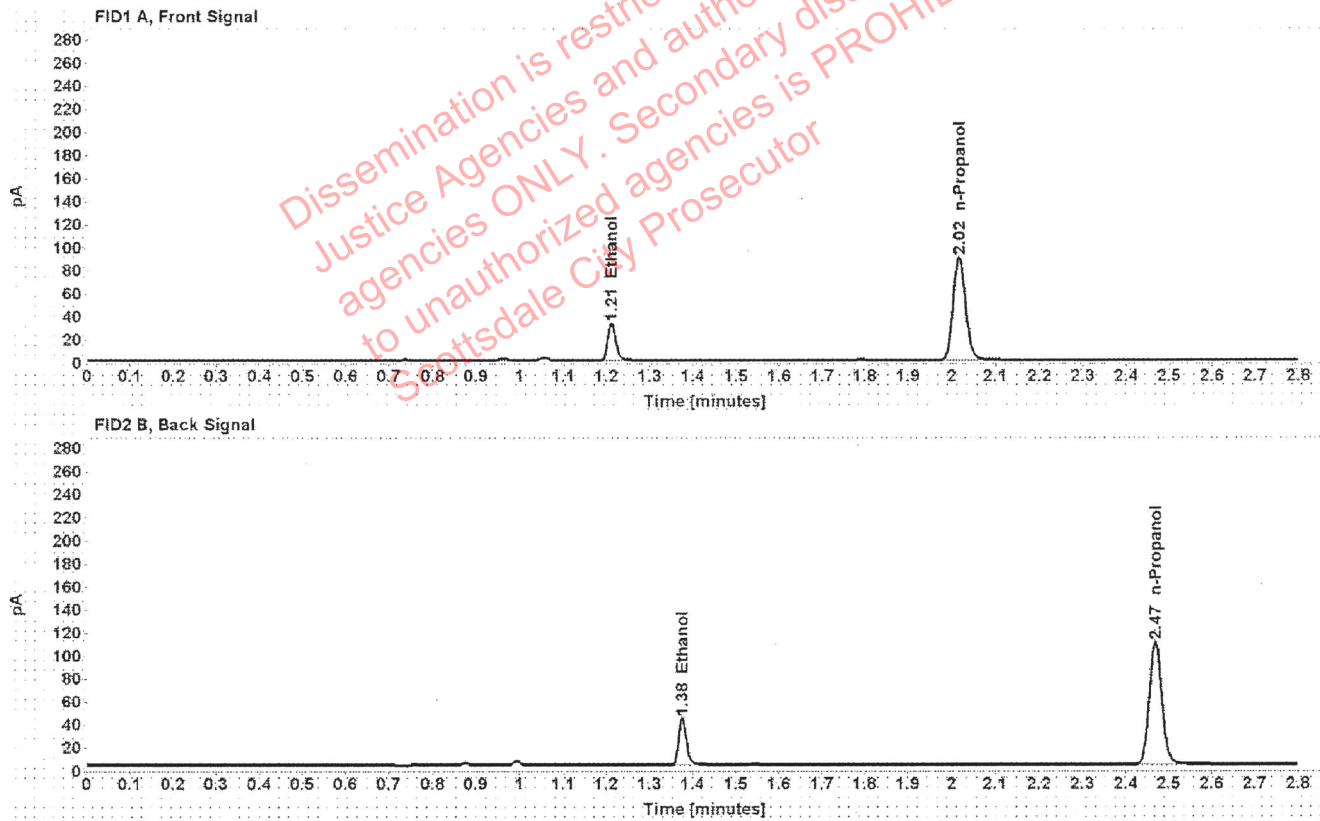


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0629	1.212	40.944
n-Propanol	-----	2.017	178.072

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

Compound	Time (min)	Peak Area
Ethanol	1.376	50.589
n-Propanol	2.469	218.150

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001AW	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 5:12:39 PM
Data file:	C:\Chem32\1\Data\22Dec20\34.D	Analyst:	Abbott

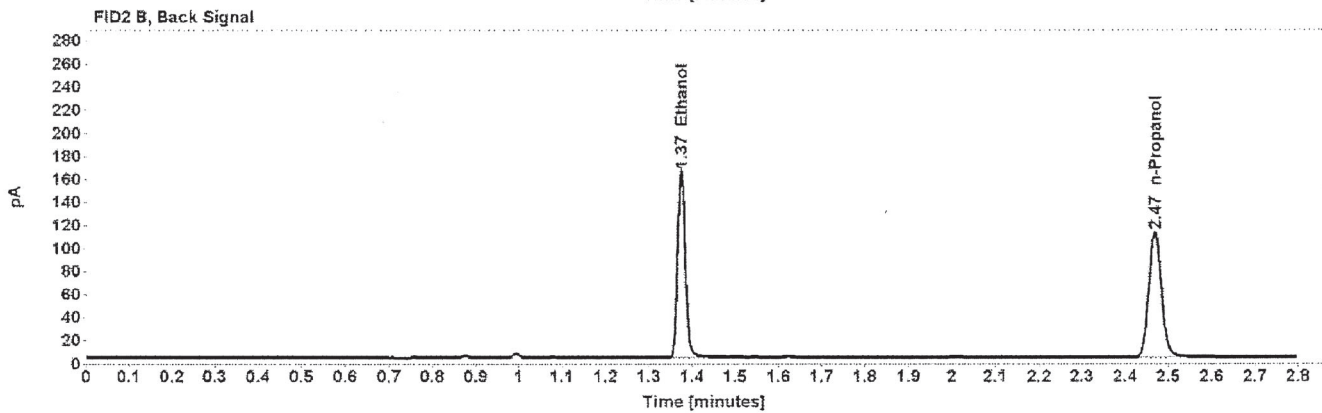
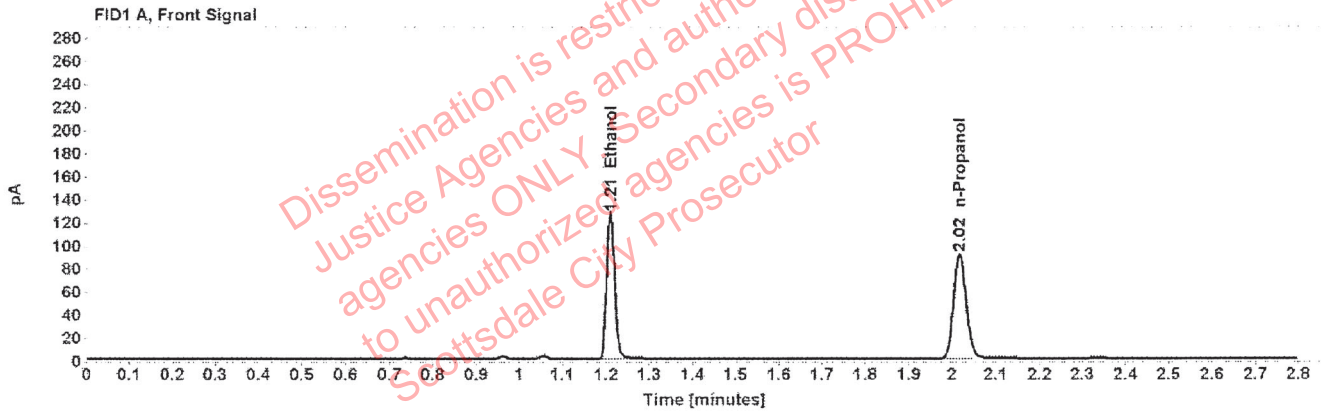


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2393	1.210	160.957
n-Propanol	-----	2.017	180.844

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

Compound	Time (min)	Peak Area
Ethanol	1.375	202.125
n-Propanol	2.468	222.114

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001AW	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 5:16:39 PM
Data file:	C:\Chem32\1\Data\22Dec20\35.D	Analyst:	Abbott

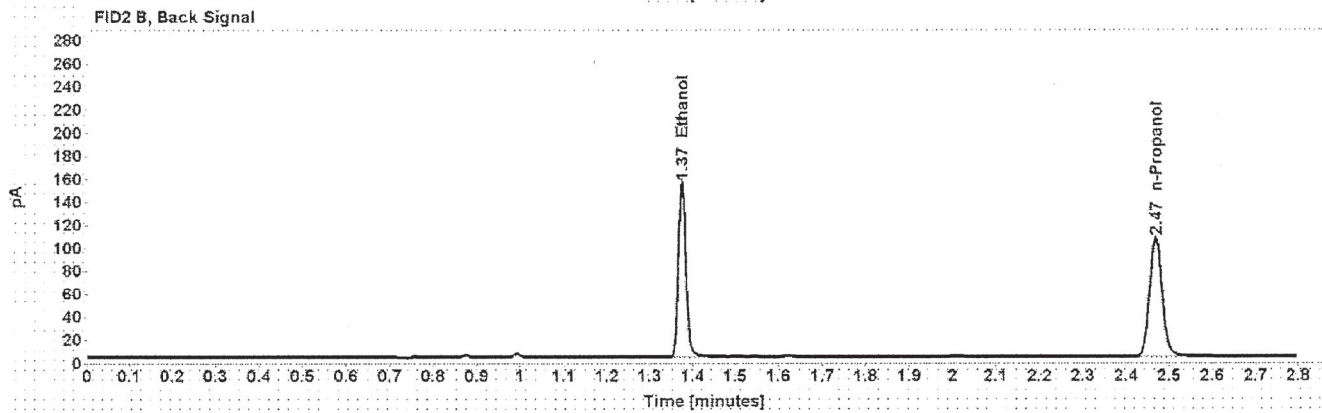
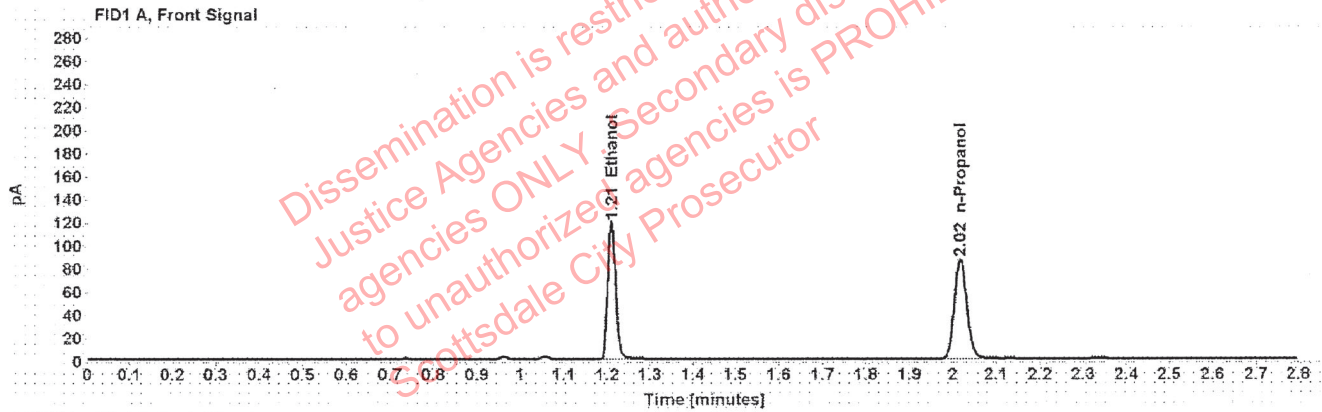


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2367	1.210	150.959
n-Propanol	-----	2.017	171.472

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

Compound	Time (min)	Peak Area
Ethanol	1.375	189.568
n-Propanol	2.468	210.902

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801MM	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 5:20:39 PM
Data file:	C:\Chem32\1\Data\22Dec20\36.D	Analyst:	Abbott

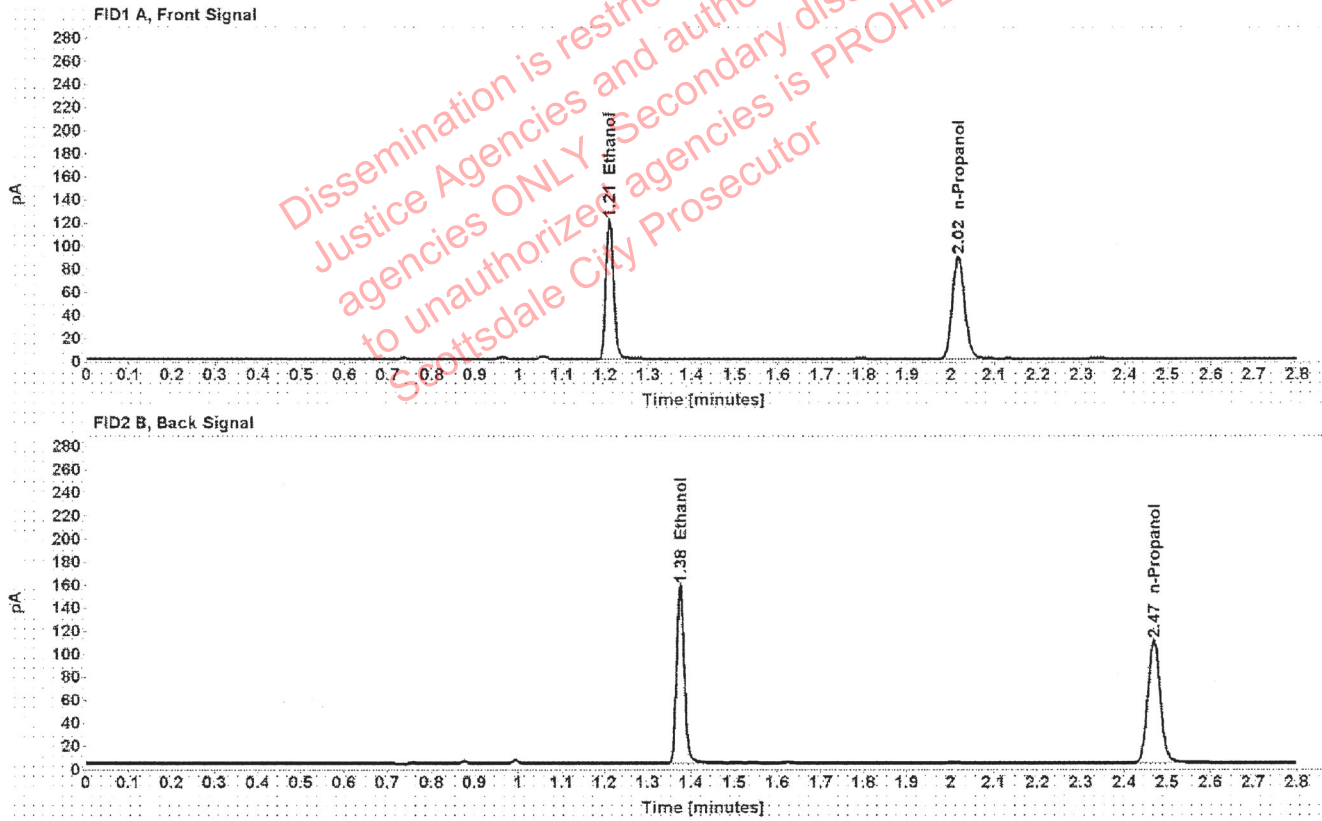


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2342	1.210	153.961
n-Propanol	-----	2.017	176.806

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

Compound	Time (min)	Peak Area
Ethanol	1.375	192.926
n-Propanol	2.469	217.251

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801MM	Vial:	37
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 5:24:53 PM
Data file:	C:\Chem32\1\Data\22Dec20\37.D	Analyst:	Abbott

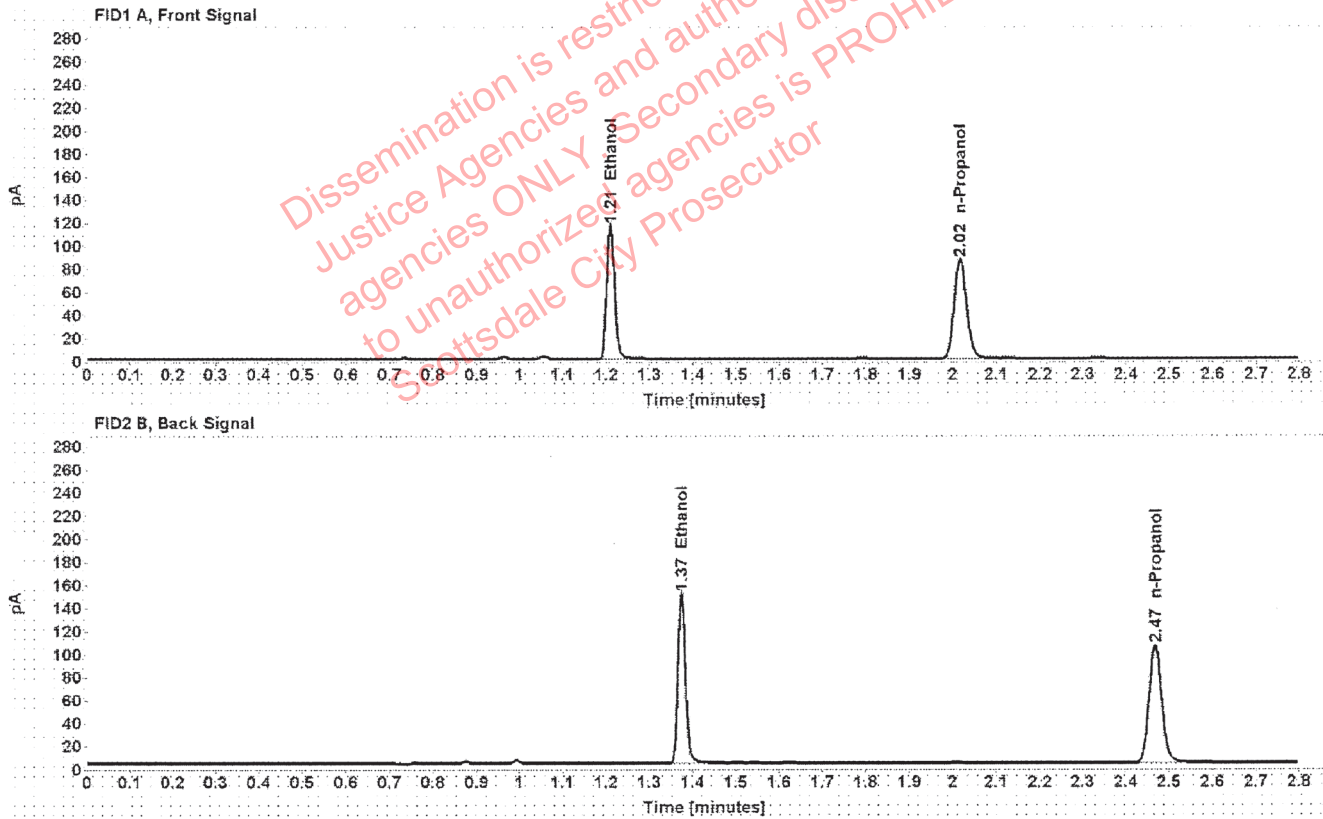


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2319	1.210	147.273
n-Propanol	-----	2.017	170.767

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

Compound	Time (min)	Peak Area
Ethanol	1.375	184.712
n-Propanol	2.468	209.565

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001VC	Vial:	38
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 5:28:53 PM
Data file:	C:\Chem32\1\Data\22Dec20\38.D	Analyst:	Abbott

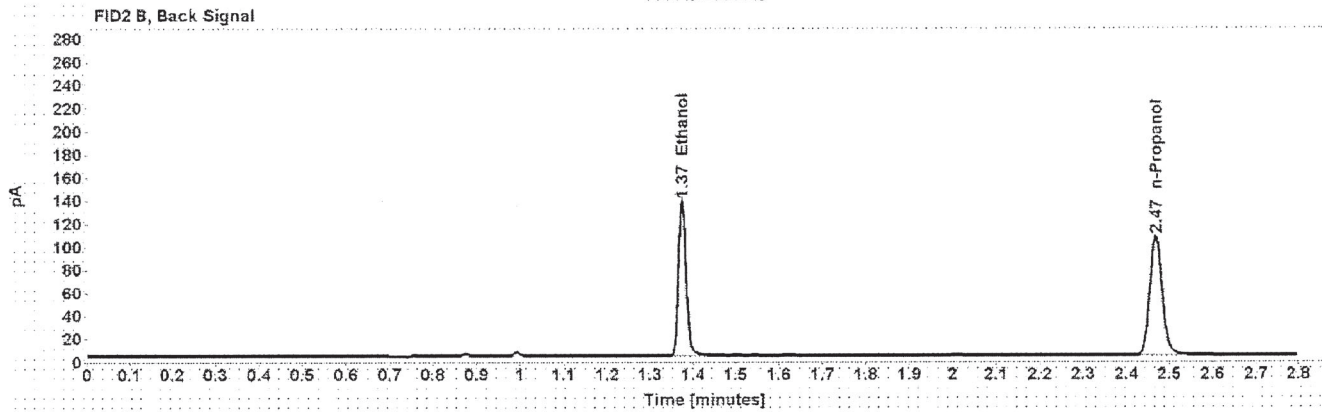
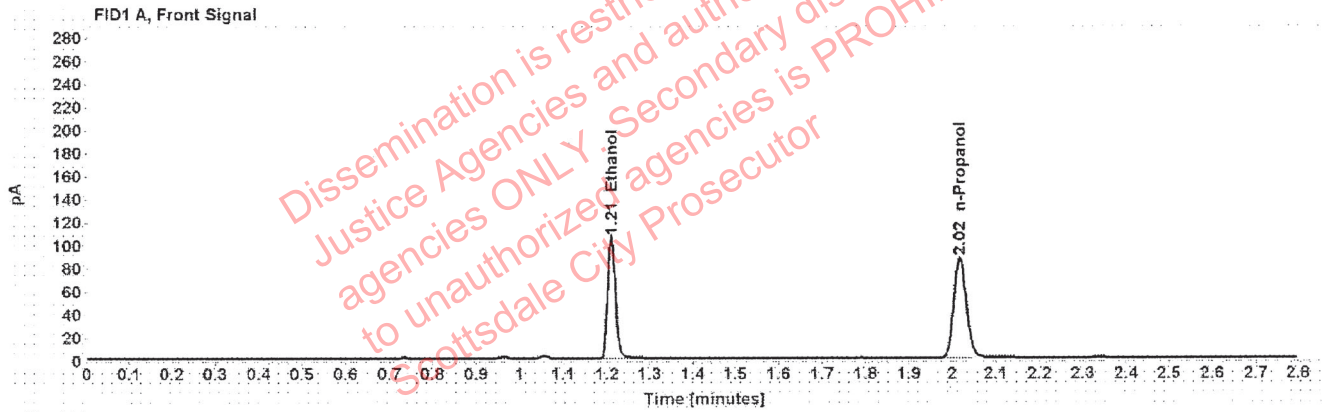


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2094	1.210	134.211
n-Propanol	-----	2.017	172.459

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

Compound	Time (min)	Peak Area
Ethanol	1.375	168.422
n-Propanol	2.468	211.779

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001VC	Vial:	39
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 5:32:52 PM
Data file:	C:\Chem32\1\Data\22Dec20\39.D	Analyst:	Abbott

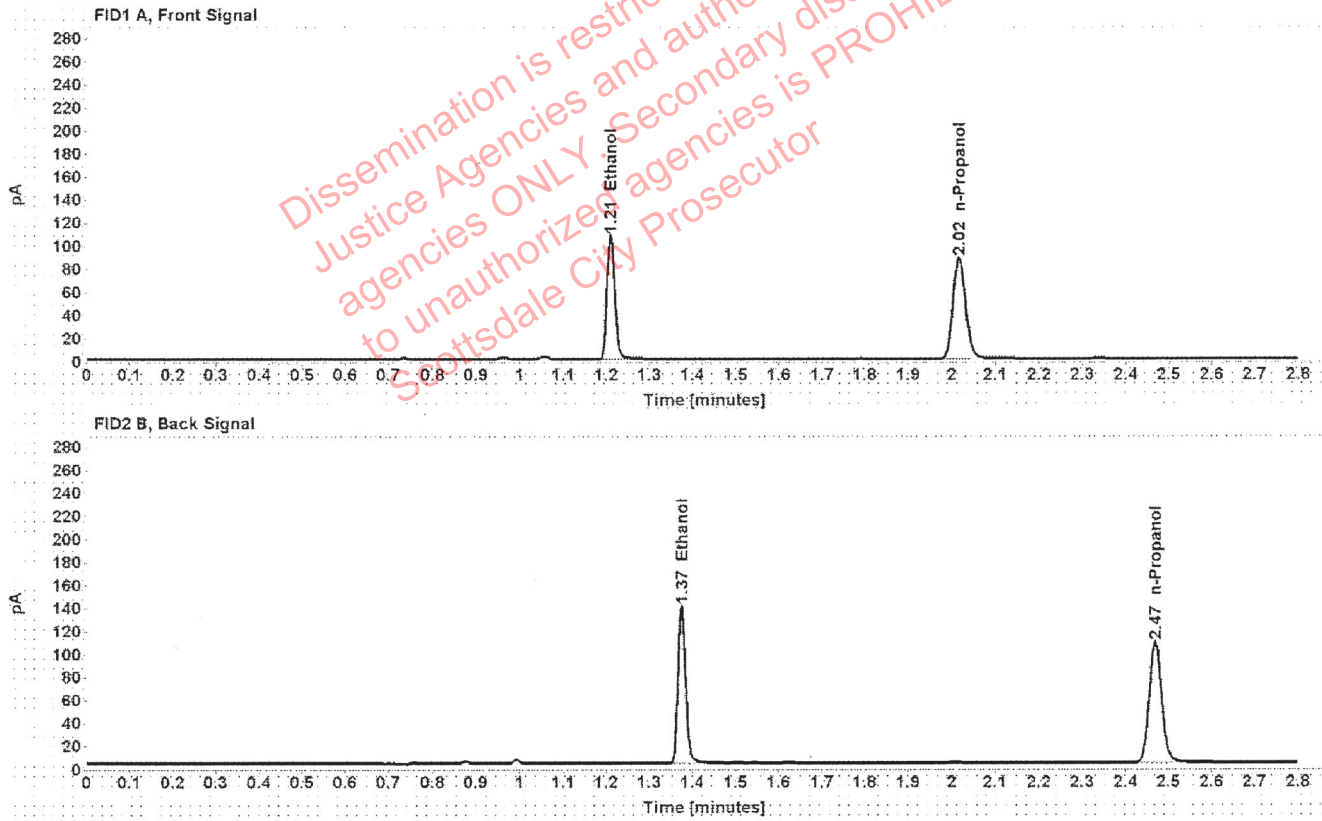


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2105	1.210	136.398
n-Propanol	-----	2.017	174.394

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

Compound	Time (min)	Peak Area
Ethanol	1.375	171.328
n-Propanol	2.468	214.139

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801KB	Vial:	40
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 5:36:55 PM
Data file:	C:\Chem32\1\Data\22Dec20\40.D	Analyst:	Abbott

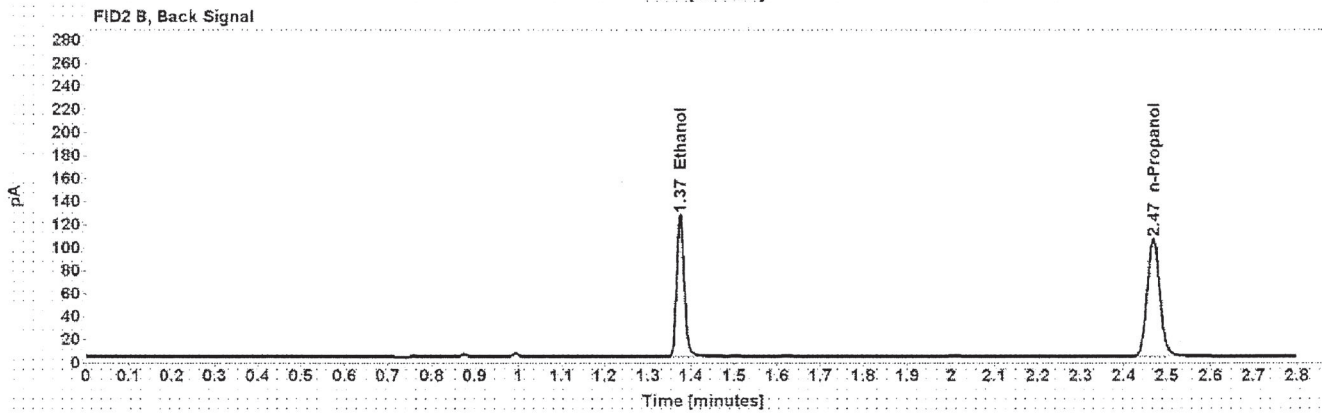
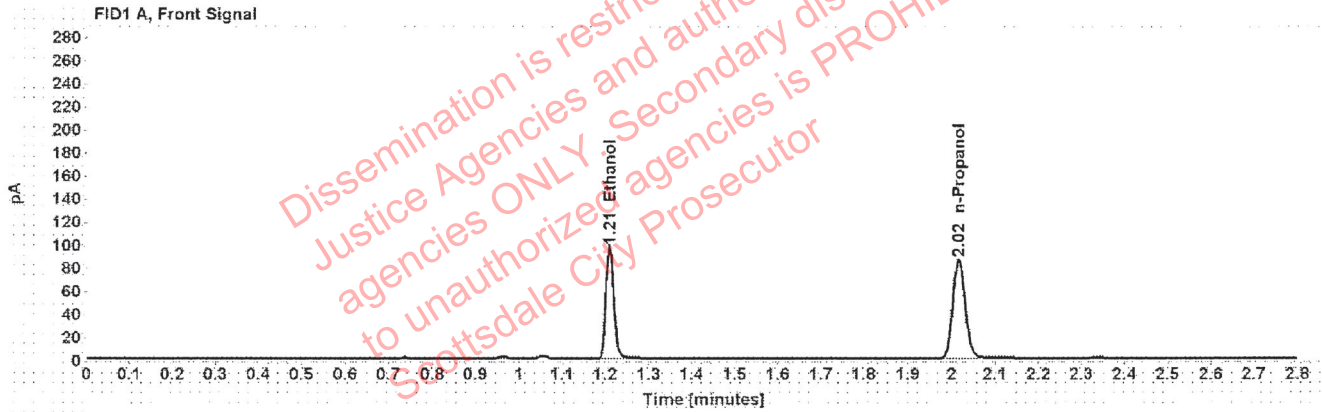


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1948	1.210	123.287
n-Propanol	-----	2.017	170.366

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

Compound	Time (min)	Peak Area
Ethanol	1.375	154.918
n-Propanol	2.468	208.919

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801KB	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 5:40:54 PM
Data file:	C:\Chem32\1\Data\22Dec20\41.D	Analyst:	Abbott

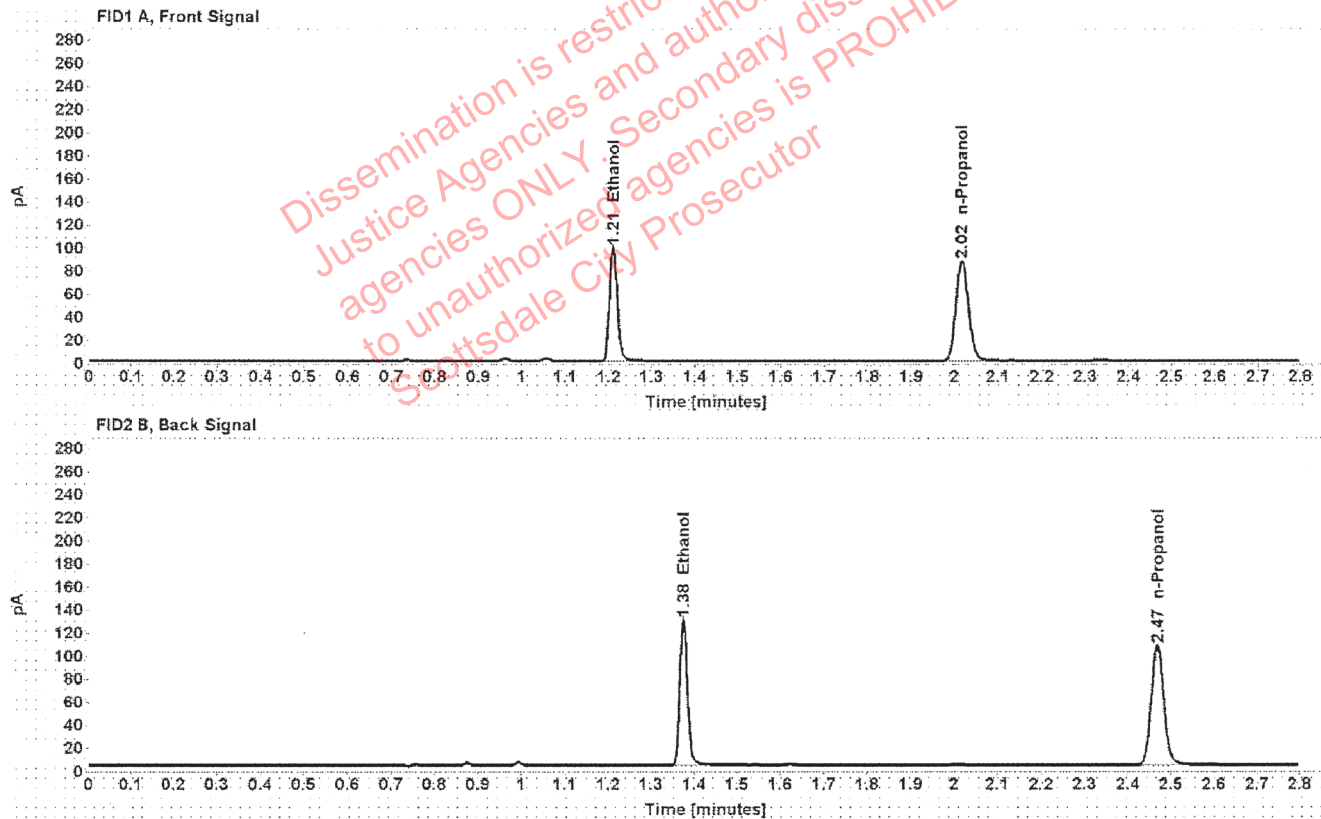


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1960	1.210	126.038
n-Propanol	-----	2.017	173.117

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

Compound	Time (min)	Peak Area
Ethanol	1.375	158.280
n-Propanol	2.468	212.525

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36601KG	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 5:49:10 PM
Data file:	C:\Chem32\1\Data\22Dec20\43.D	Analyst:	Abbott

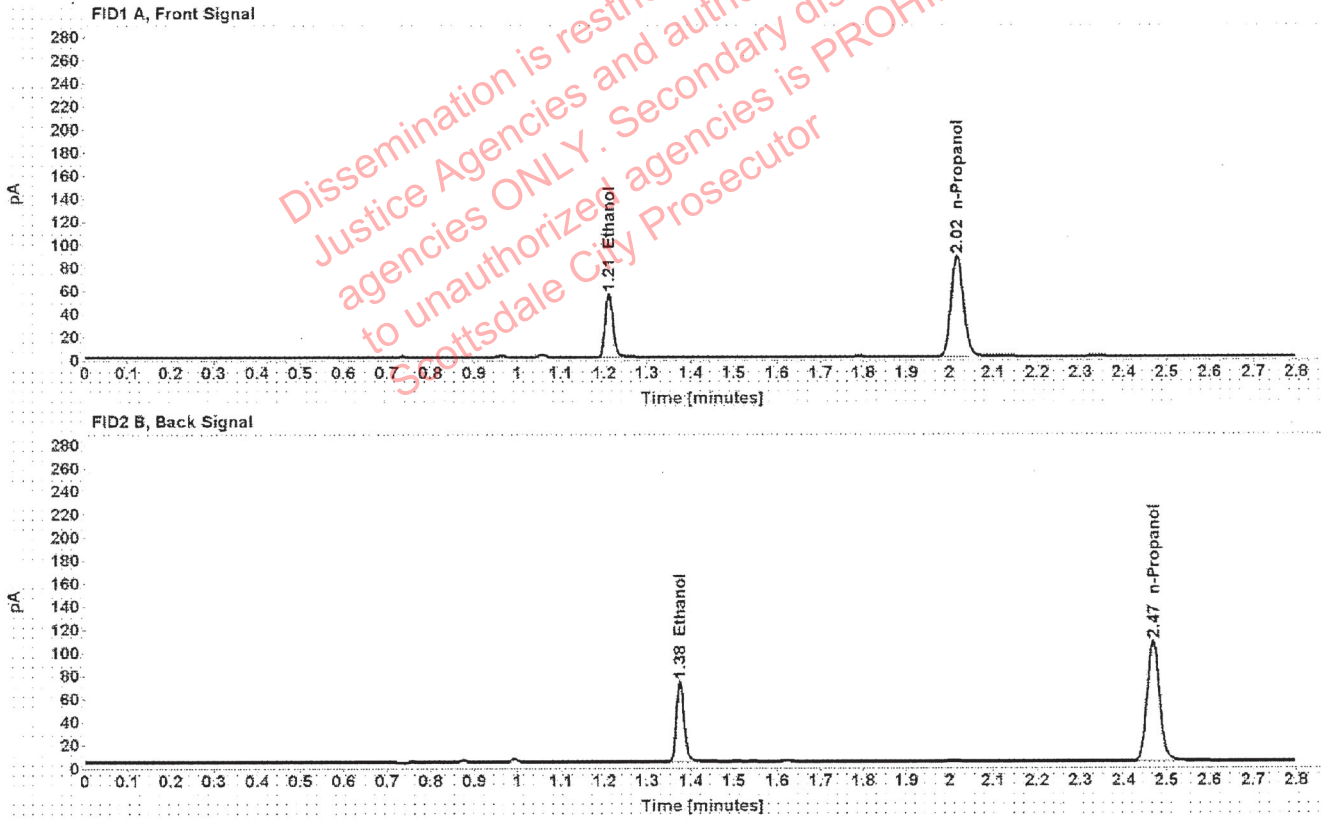


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1096	1.211	70.246
n-Propanol	-----	2.017	173.549

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

Compound	Time (min)	Peak Area
Ethanol	1.375	87.194
n-Propanol	2.468	213.224

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36601KG	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 5:53:08 PM
Data file:	C:\Chem32\1\Data\22Dec20\44.D	Analyst:	Abbott

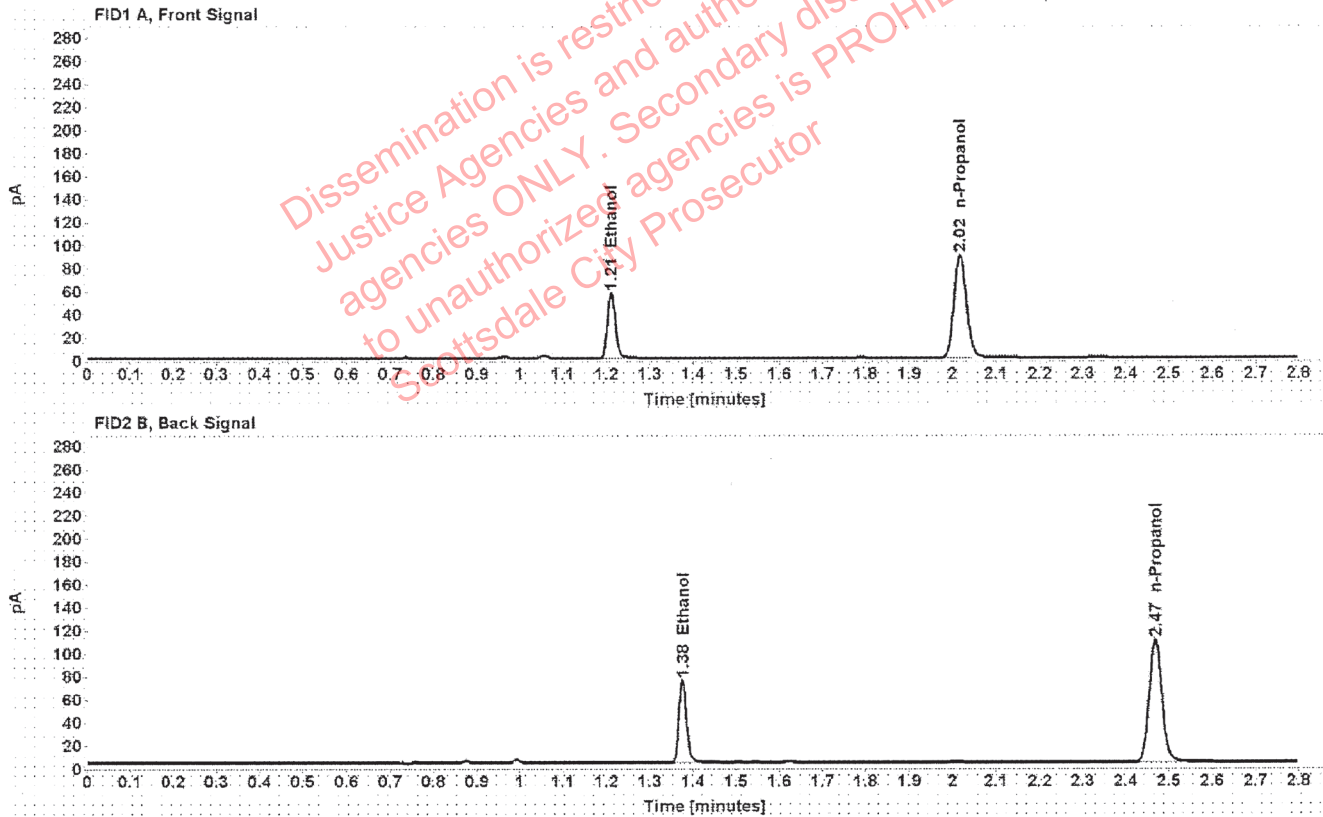


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1105	1.211	72.457
n-Propanol	-----	2.017	177.635

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

Compound	Time (min)	Peak Area
Ethanol	1.375	89.811
n-Propanol	2.469	218.088

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33401CM	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 5:57:08 PM
Data file:	C:\Chem32\1\Data\22Dec20\45.D	Analyst:	Abbott

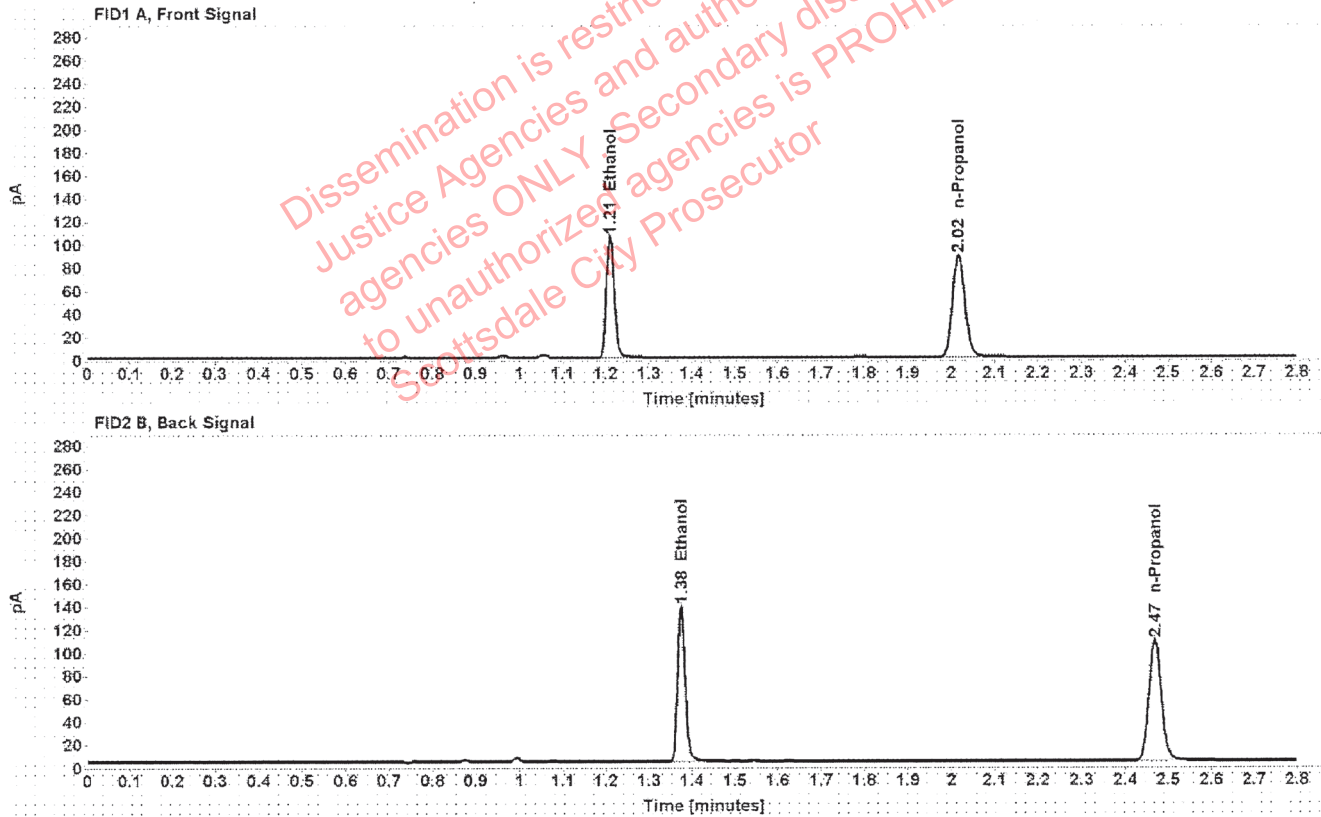


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2059	1.210	134.494
n-Propanol	-----	2.017	175.812

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

Compound	Time (min)	Peak Area
Ethanol	1.375	168.953
n-Propanol	2.469	215.199

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33401CM	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Dec20
Instrument:	US14173023 CN14160045	Injection date:	12/22/2020 6:01:08 PM
Data file:	C:\Chem32\1\Data\22Dec20\46.D	Analyst:	Abbott

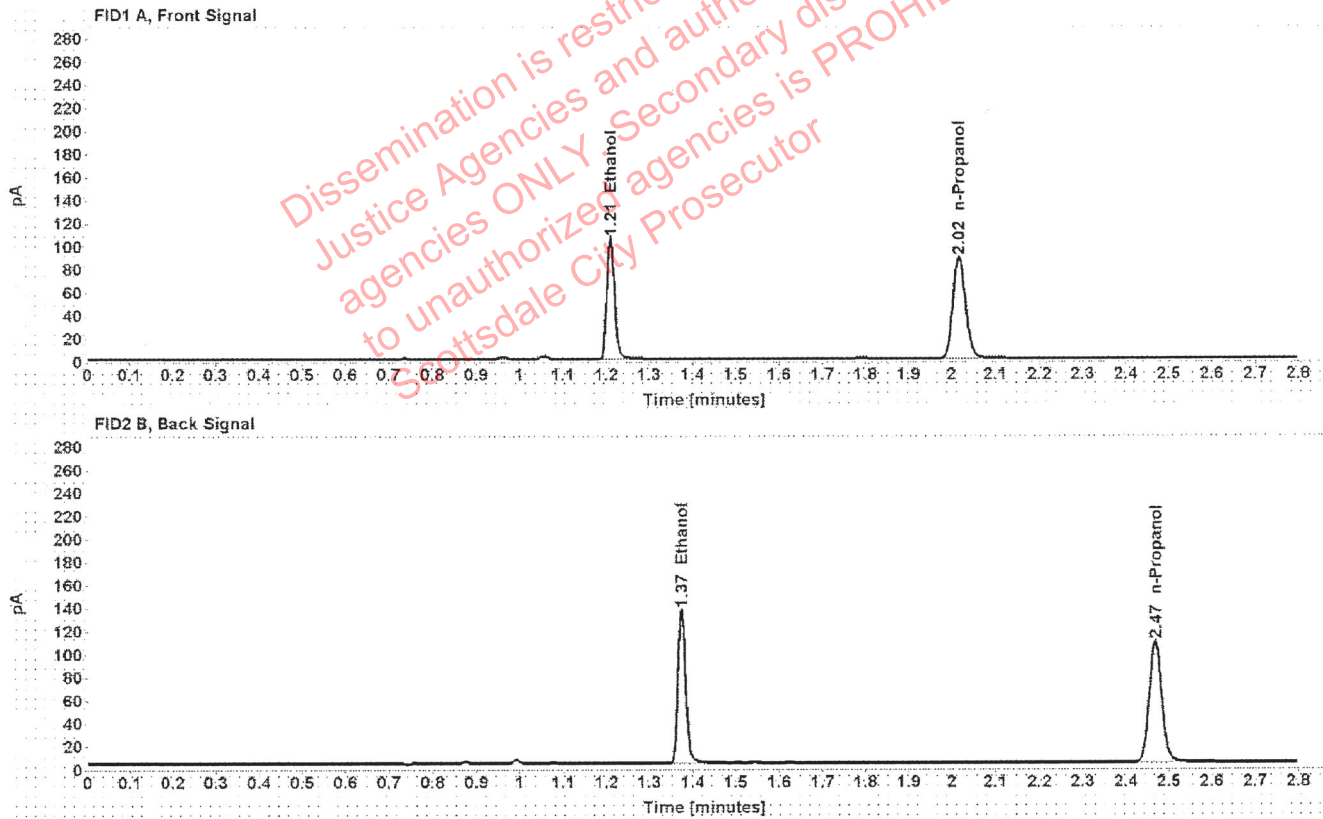


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2047	1.210	133.418
n-Propanol	-----	2.017	175.432

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

Compound	Time (min)	Peak Area
Ethanol	1.374	167.580
n-Propanol	2.468	214.651