

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 05/18/21 SEQUENCE NAME 18May21

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 1.00000
 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 031021AQ
6	Volatiles mix	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.200 g/dL	0.204 g/dL	ACQ 4101018274/9
20	Aqueous control	0.080 g/dL	0.079 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
42	Blood control	0.200 g/dL	0.202 g/dL	ACQ 4101018274/9
53	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 11092018-A
54	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
55	Blood control	0.200 g/dL	0.205 g/dL	ACQ 4101018274/9
56	Blank	Not detected	Not detected	SPD lab 111020WB

SUBJECT SAMPLES

Subjects in the sequence 16 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. This run also included four proficiency samples.

Run valid Pharis Boush Run valid Jon Abbota
 Run invalid Analyst Run invalid Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

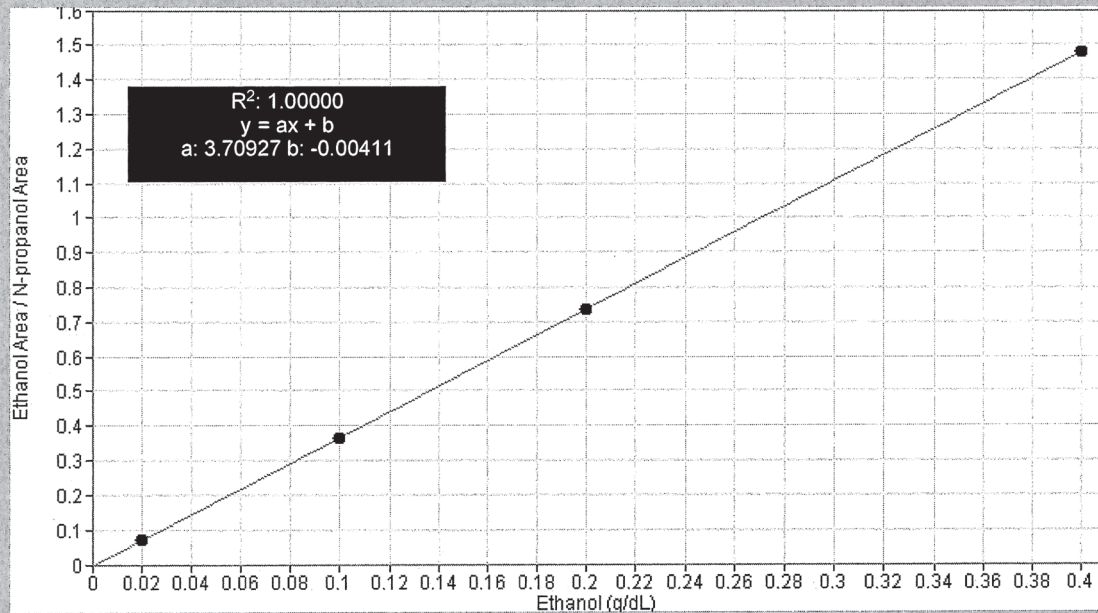
SEQUENCE NAME: 18May21

ANALYST: Brooke ^{YB}

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 031021AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.399	0.400	0.25	-0.001
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.200 4101018274/9	9	0.204	0.200	2.00	0.004
0.080 03102016-A/1	20	0.079	0.080	1.25	-0.001
0.080 03102016-A/1	31	0.080	0.080	0.00	0.000
0.200 4101018274/9	42	0.202	0.200	1.00	0.002
0.400 11092018-A	53	0.404	0.400	1.00	0.004
0.040 14082019-B	54	0.040	0.040	0.00	0.000
0.200 4101018274/9	55	0.205	0.200	2.50	0.005
blank 111020VVB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.611	162.137	0.072
0.100	58.884	161.121	0.366
0.200	120.910	164.091	0.737
0.400	239.131	161.541	1.480

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 18May21
Method: ethanol quant.M	Injection date: 5/18/2021 10:19:12 AM
Instrument: US14173023 CN14160045	Analyst: Brooke <i>FB</i>
Data file: C:\Chem32\1\Data\18May21\1.D	

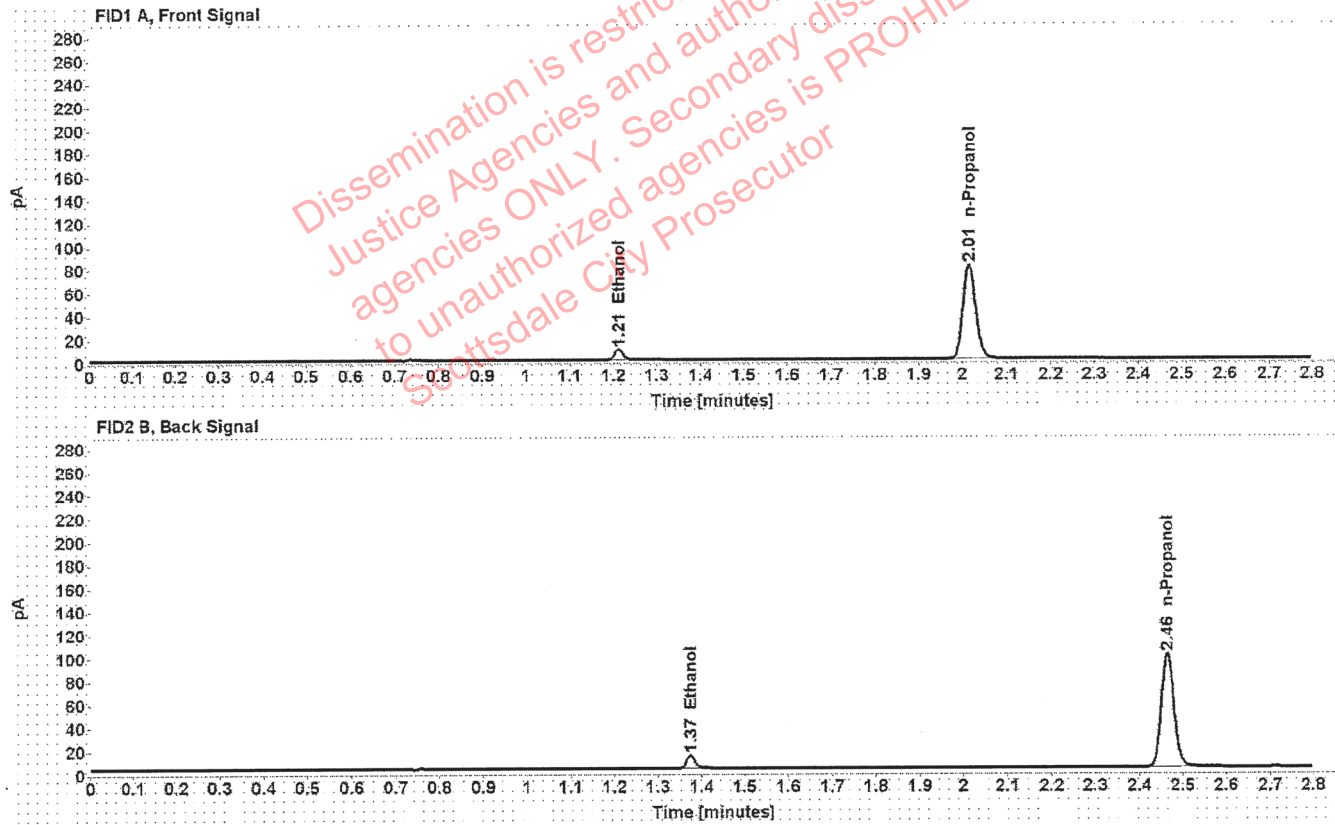


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.611
n-Propanol	2.015	162.137

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

Compound	Time (min)	Peak Area
Ethanol	1.374	14.213
n-Propanol	2.465	197.148

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 18May21
Method: ethanol quant.M	Injection date: 5/18/2021 10:23:11 AM
Instrument: US14173023 CN14160045	Analyst: Brooke <i>RS</i>
Data file: C:\Chem32\1\Data\18May21\2.D	

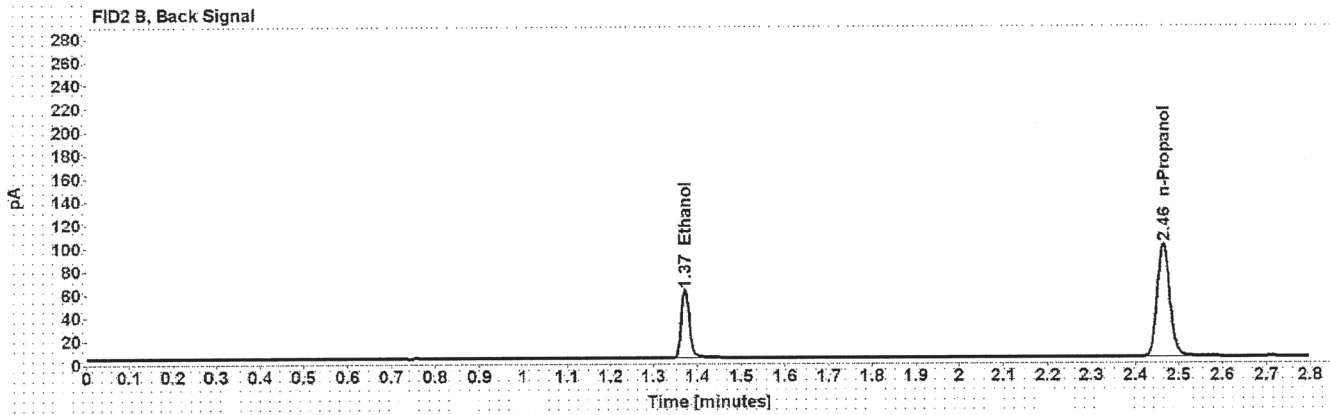
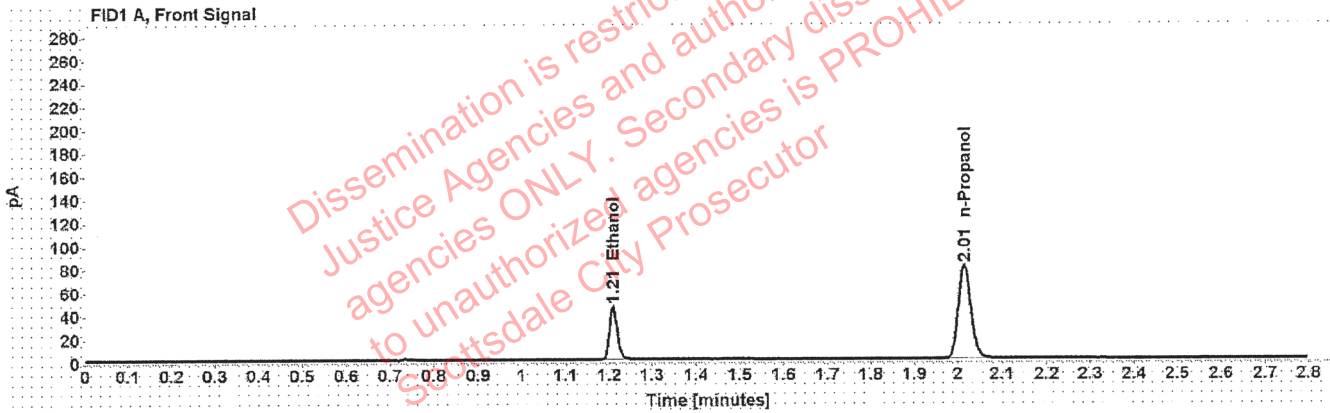


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	58.884
n-Propanol	2.015	161.121

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

Compound	Time (min)	Peak Area
Ethanol	1.372	72.610
n-Propanol	2.465	196.301

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 18May21
Method: ethanol quant.M	Injection date: 5/18/2021 10:27:11 AM
Instrument: US14173023 CN14160045	Analyst: Brooke <i>RB</i>
Data file: C:\Chem32\1\Data\18May21\3.D	

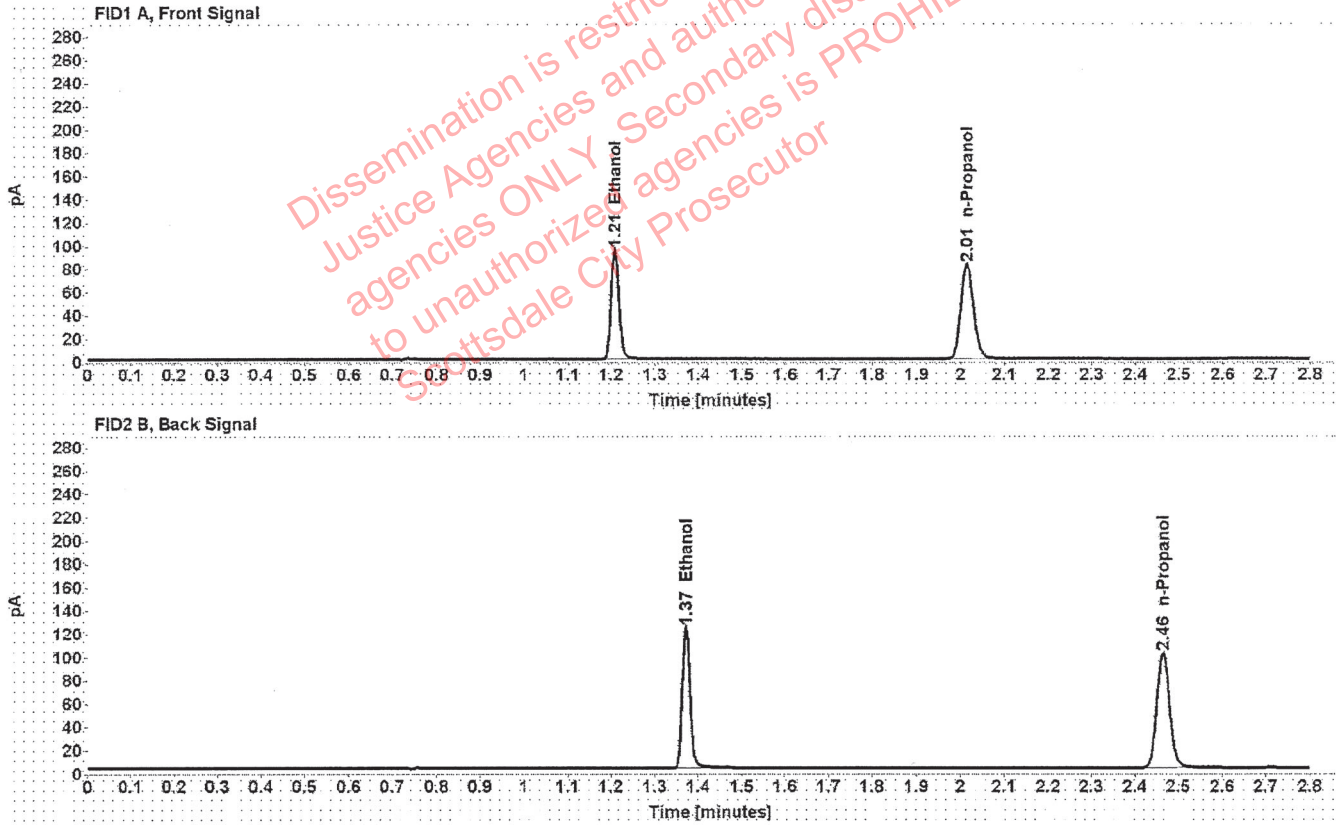


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	120.910
n-Propanol	2.015	164.091

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

Compound	Time (min)	Peak Area
Ethanol	1.372	149.475
n-Propanol	2.465	199.980

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 18May21
Method: ethanol quant.M	Injection date: 5/18/2021 10:31:12 AM
Instrument: US14173023 CN14160045	Analyst: Brooke <i>PS</i>
Data file: C:\Chem32\1\Data\18May21\4.D	

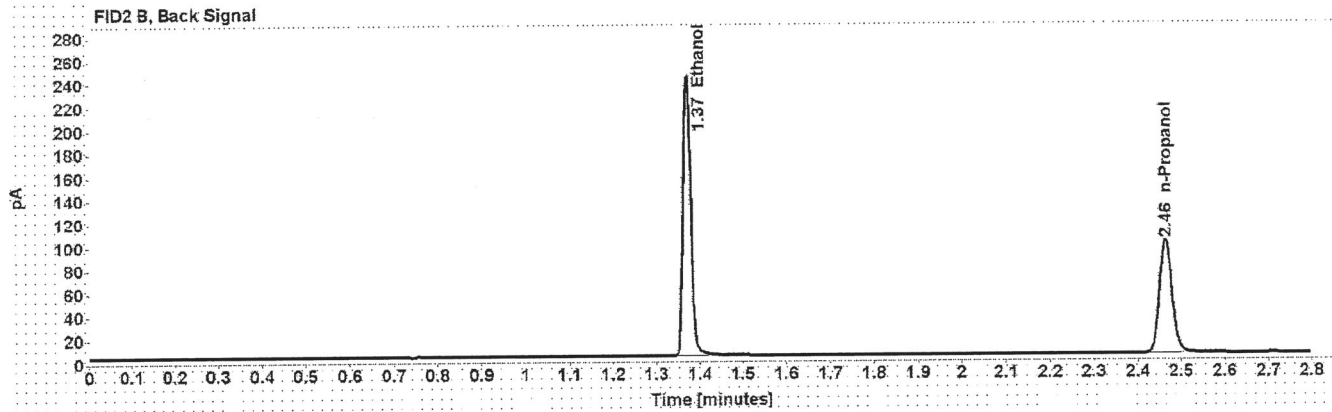
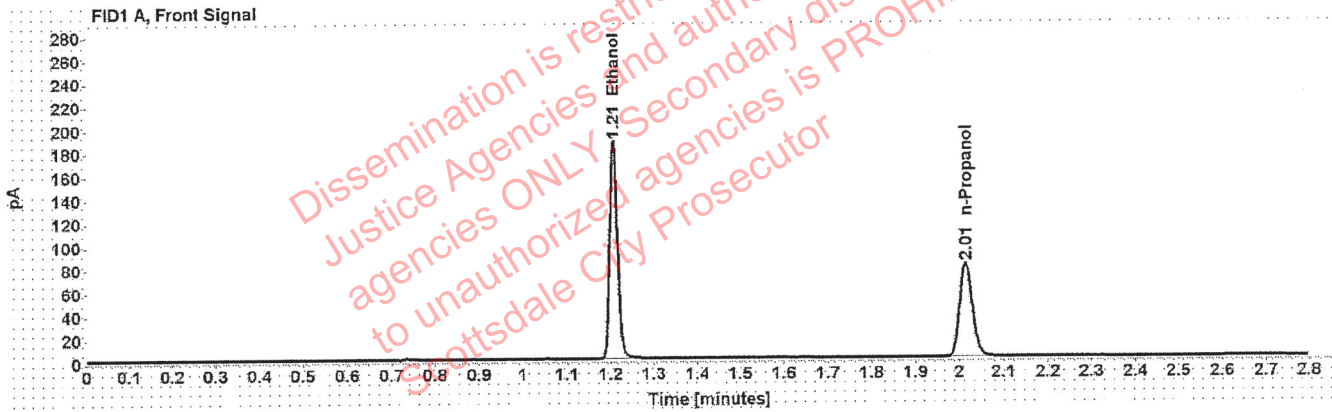


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	239.131
n-Propanol	2.014	161.541

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

Compound	Time (min)	Peak Area
Ethanol	1.371	296.635
n-Propanol	2.464	197.650

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 031021AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 18May21
Instrument: US14173023 CN14160045	Injection date: 5/18/2021 10:35:11 AM
Data file: C:\Chem32\1\Data\18May21\5.D	Analyst: Brooke RS

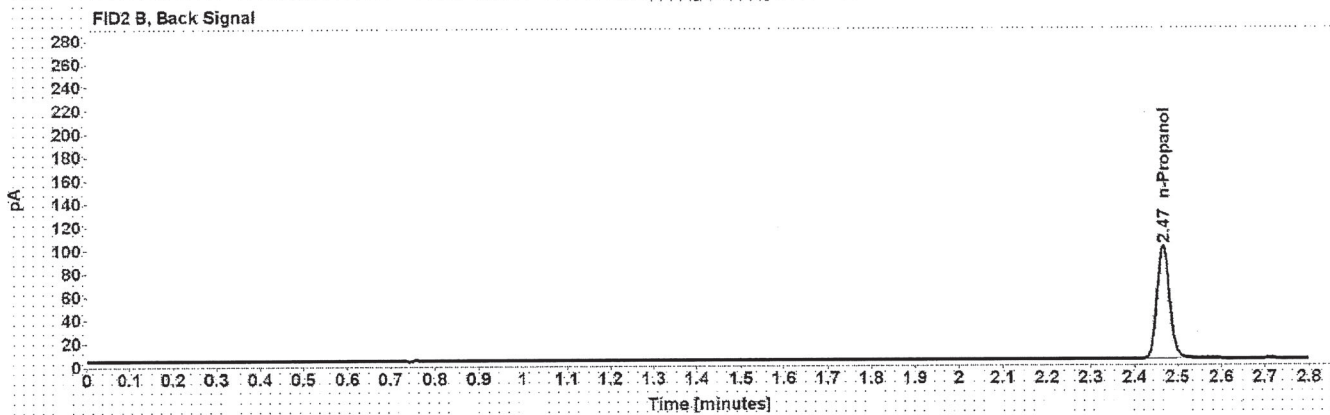


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	161.394

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	196.733

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 18May21
Instrument: US14173023 CN14160045	Injection date: 5/18/2021 10:39:11 AM
Data file: C:\Chem32\1\Data\18May21\6.D	Analyst: Brooke <i>YB</i>

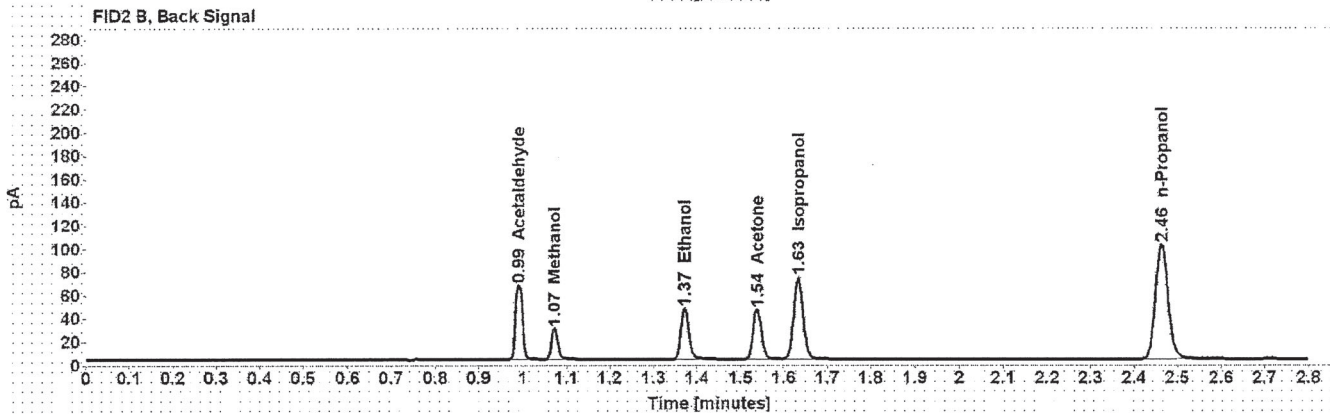
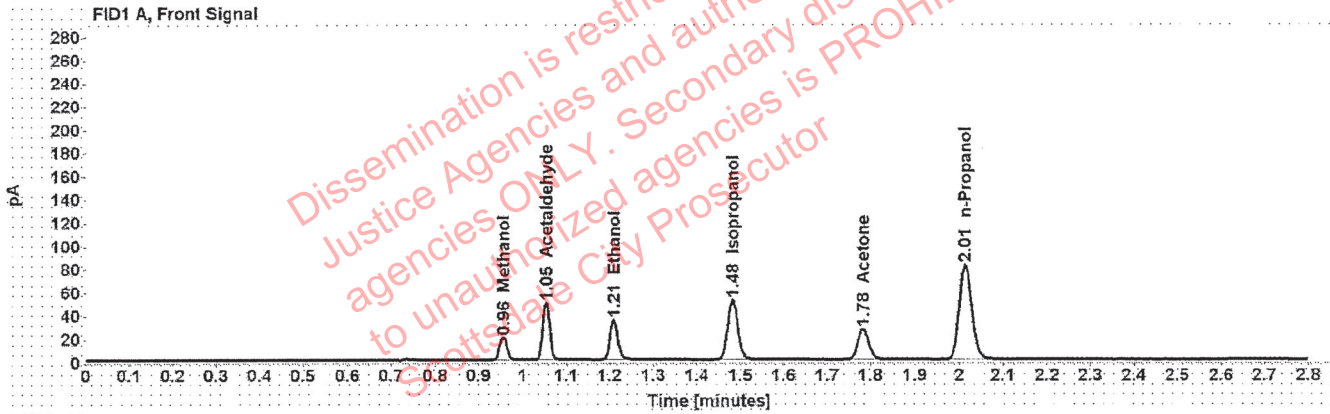


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	22.671
Acetaldehyde	-----	1.054	54.963
>Ethanol	0.0746	1.209	44.492
Isopropanol	-----	1.482	83.364
Acetone	-----	1.783	45.816
n-Propanol	-----	2.014	163.131

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.990	70.408
Methanol	1.073	28.879
Ethanol	1.371	55.046
Acetone	1.538	56.879
Isopropanol	1.633	106.473
n-Propanol	2.464	199.735

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 10:43:27 AM
Data file:	C:\Chem32\1\Data\18May21\7.D	Analyst:	Brooke RB

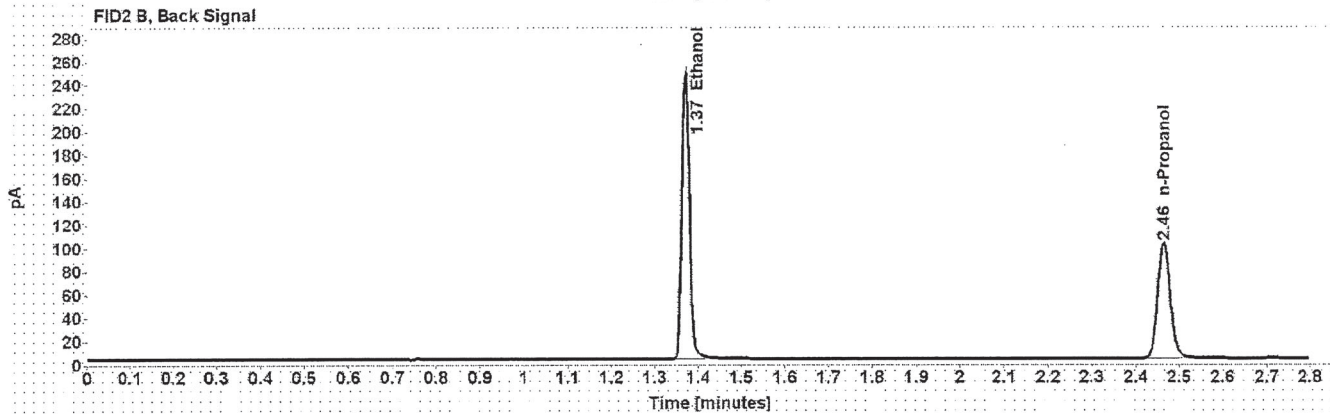
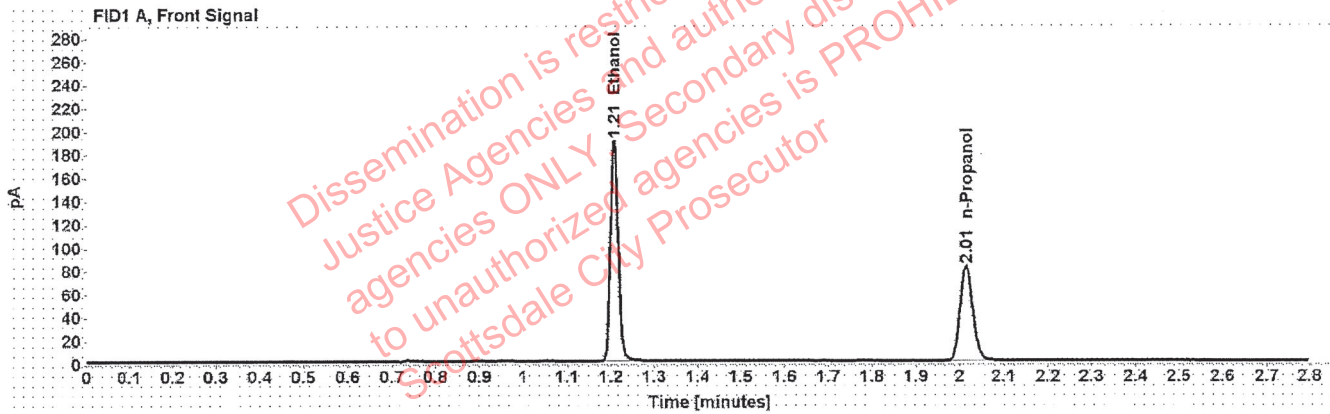


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3995	1.208	242.697
n-Propanol	-----	2.015	164.254

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

Compound	Time (min)	Peak Area
Ethanol	1.371	301.367
n-Propanol	2.464	200.982

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 18May21
Instrument: US14173023 CN14160045	Injection date: 5/18/2021 10:47:26 AM
Data file: C:\Chem32\1\Data\18May21\8.D	Analyst: Brooke <i>RB</i>

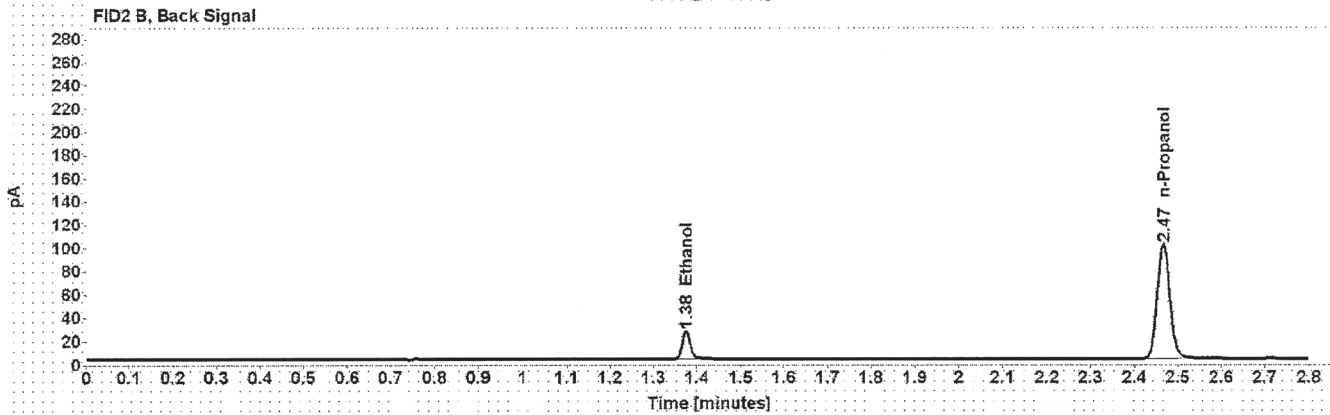


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0413	1.212	24.212
n-Propanol	-----	2.016	162.357

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

Compound	Time (min)	Peak Area
Ethanol	1.375	29.869
n-Propanol	2.467	198.409

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 9
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 18May21
Instrument: US14173023 CN14160045	Injection date: 5/18/2021 10:51:26 AM
Data file: C:\Chem32\1\Data\18May21\9.D	Analyst: Brooke RB

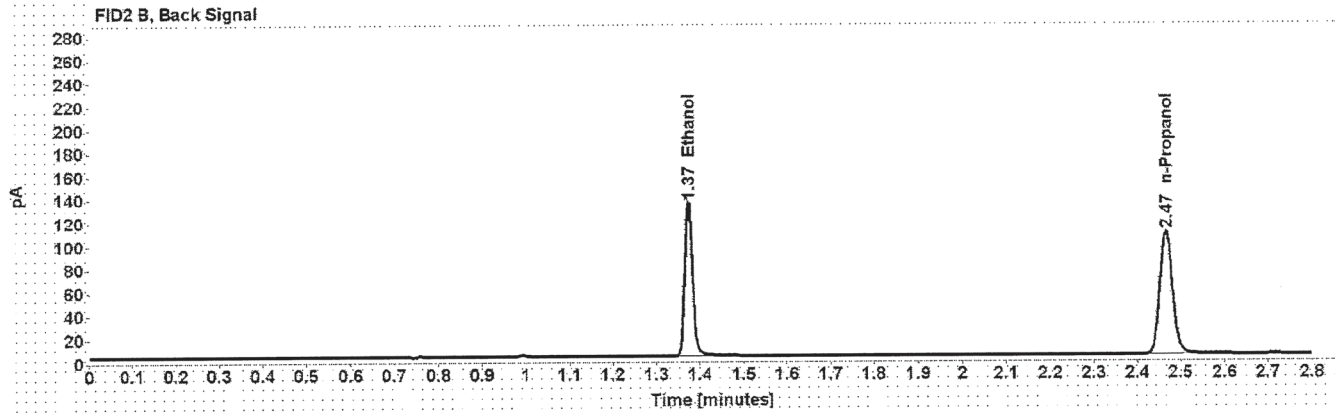
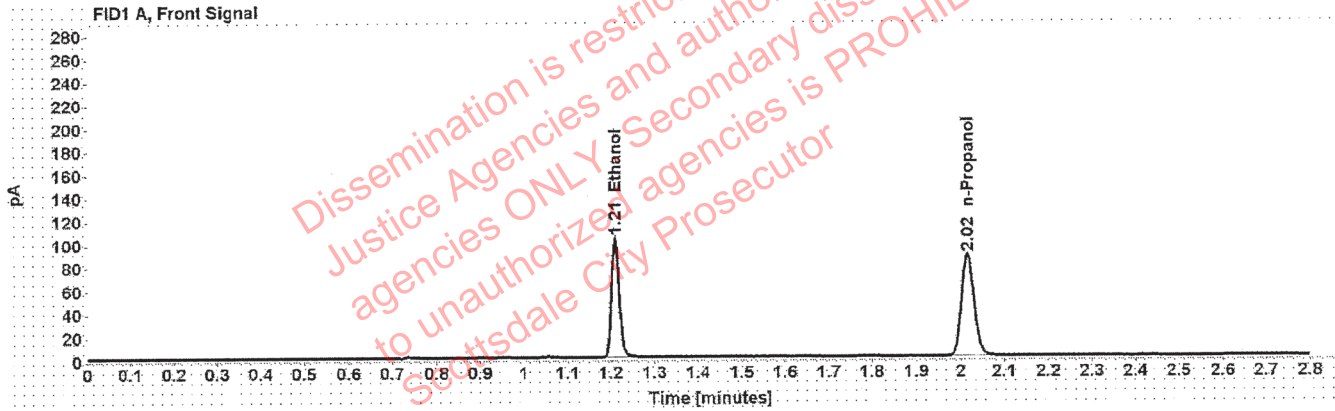


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2044	1.210	131.811
n-Propanol	-----	2.016	174.781

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

Compound	Time (min)	Peak Area
Ethanol	1.374	163.775
n-Propanol	2.467	214.252

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 18May21
Instrument: US14173023 CN14160045	Injection date: 5/18/2021 11:35:56 AM
Data file: C:\Chem32\1\Data\18May21\20.D	Analyst: Brooke RS

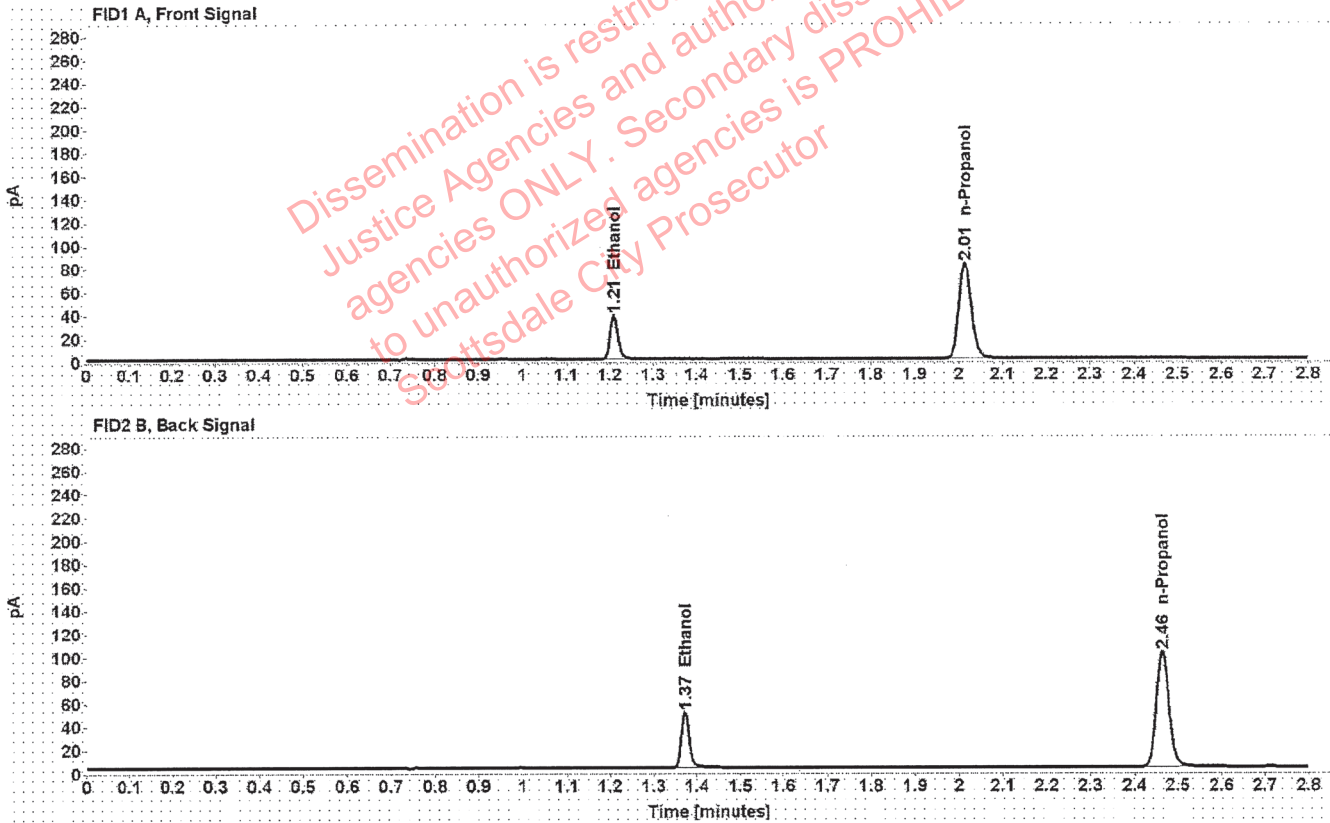


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0798	1.209	48.204
n-Propanol	-----	2.015	165.154

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

Compound	Time (min)	Peak Area
Ethanol	1.372	59.830
n-Propanol	2.464	202.485

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 18May21
Instrument: US14173023 CN14160045	Injection date: 5/18/2021 12:20:26 PM
Data file: C:\Chem32\1\Data\18May21\31.D	Analyst: Brooke <i>TS</i>

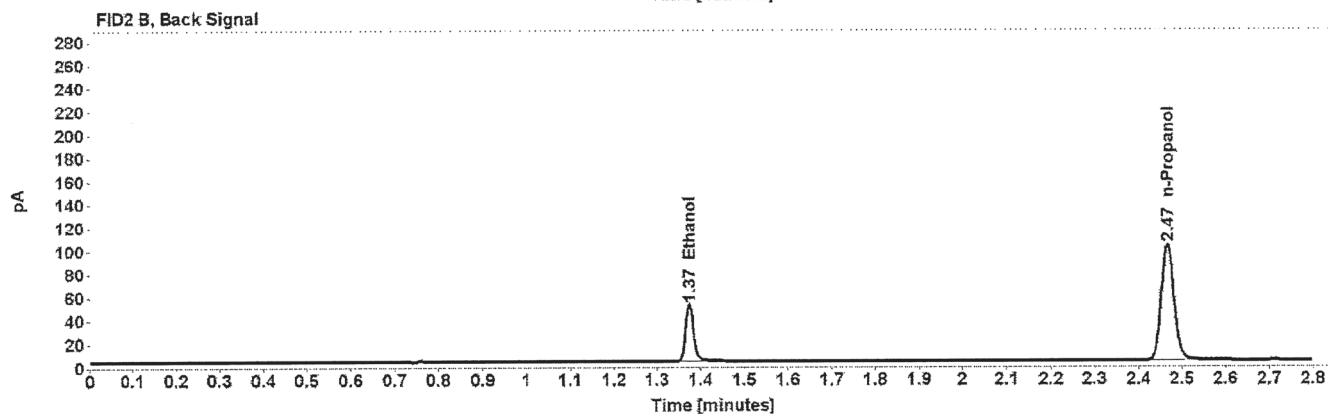
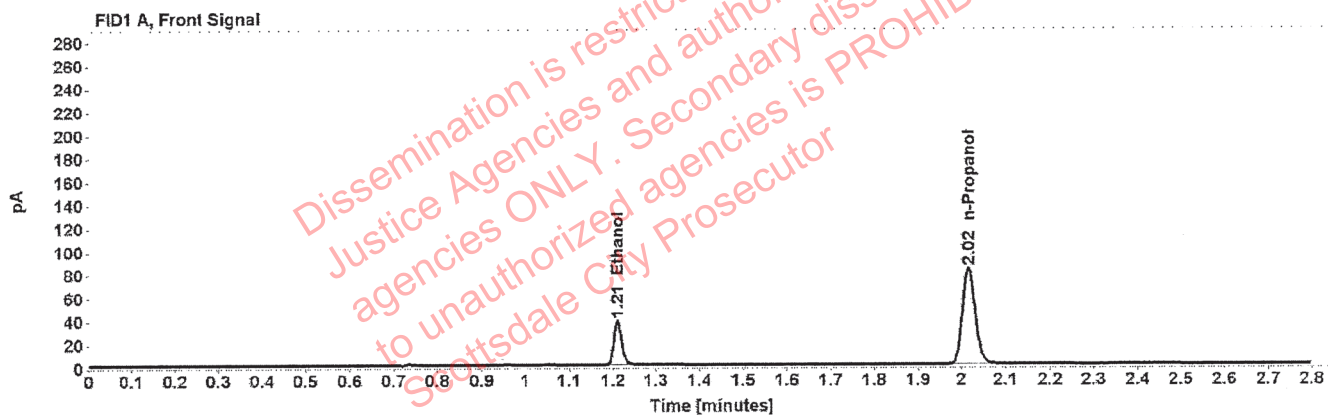


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0809	1.211	49.119
n-Propanol	-----	2.016	165.916

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

Compound	Time (min)	Peak Area
Ethanol	1.374	60.988
n-Propanol	2.467	203.377

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 42
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 18May21
Instrument: US14173023 CN14160045	Injection date: 5/18/2021 1:04:41 PM
Data file: C:\Chem32\1\Data\18May21\42.D	Analyst: Brooke <i>AB</i>

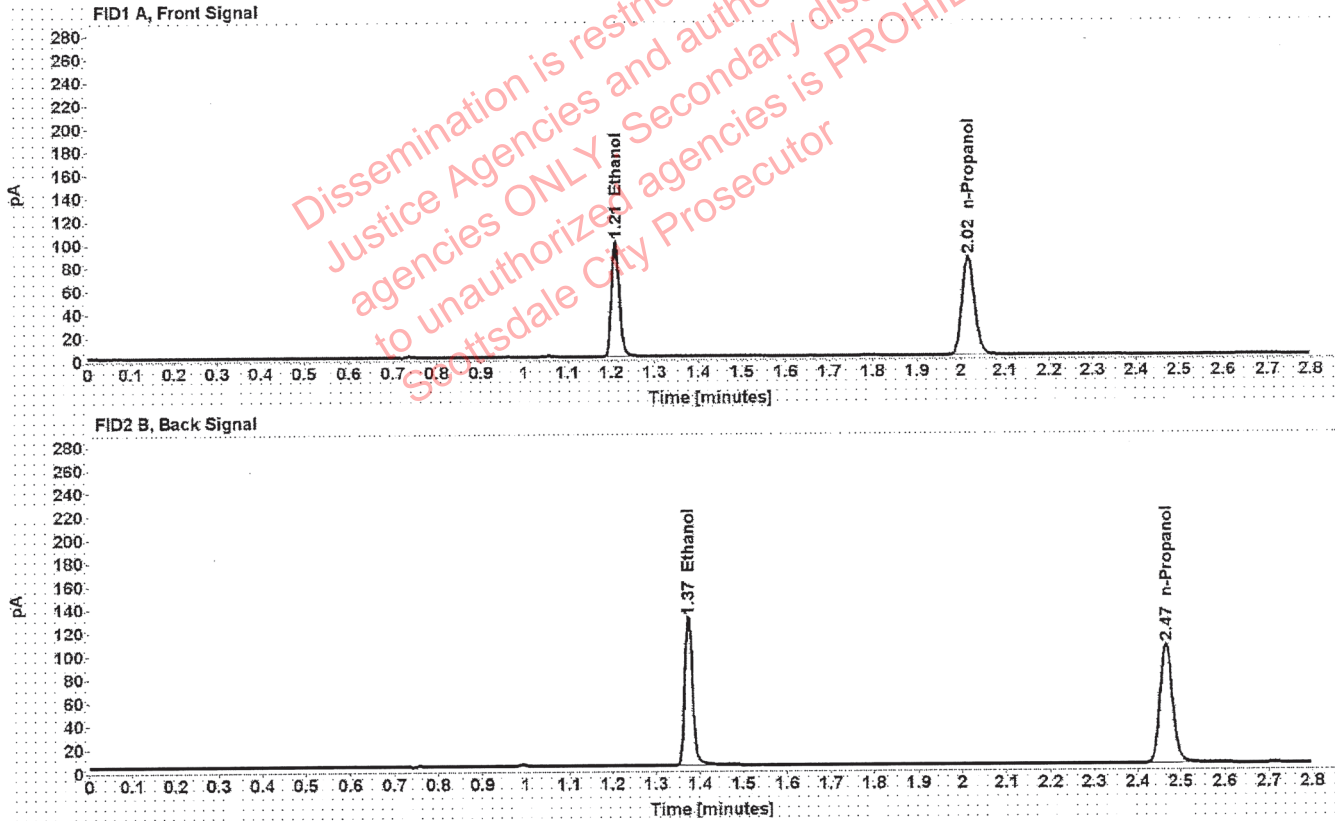


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2028	1.210	126.976
n-Propanol	-----	2.016	169.685

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

Compound	Time (min)	Peak Area
Ethanol	1.374	158.271
n-Propanol	2.467	208.583

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 53
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 18May21
Instrument: US14173023 CN14160045	Injection date: 5/18/2021 1:49:12 PM
Data file: C:\Chem32\1\Data\18May21\53.D	Analyst: Brooke <i>RB</i>

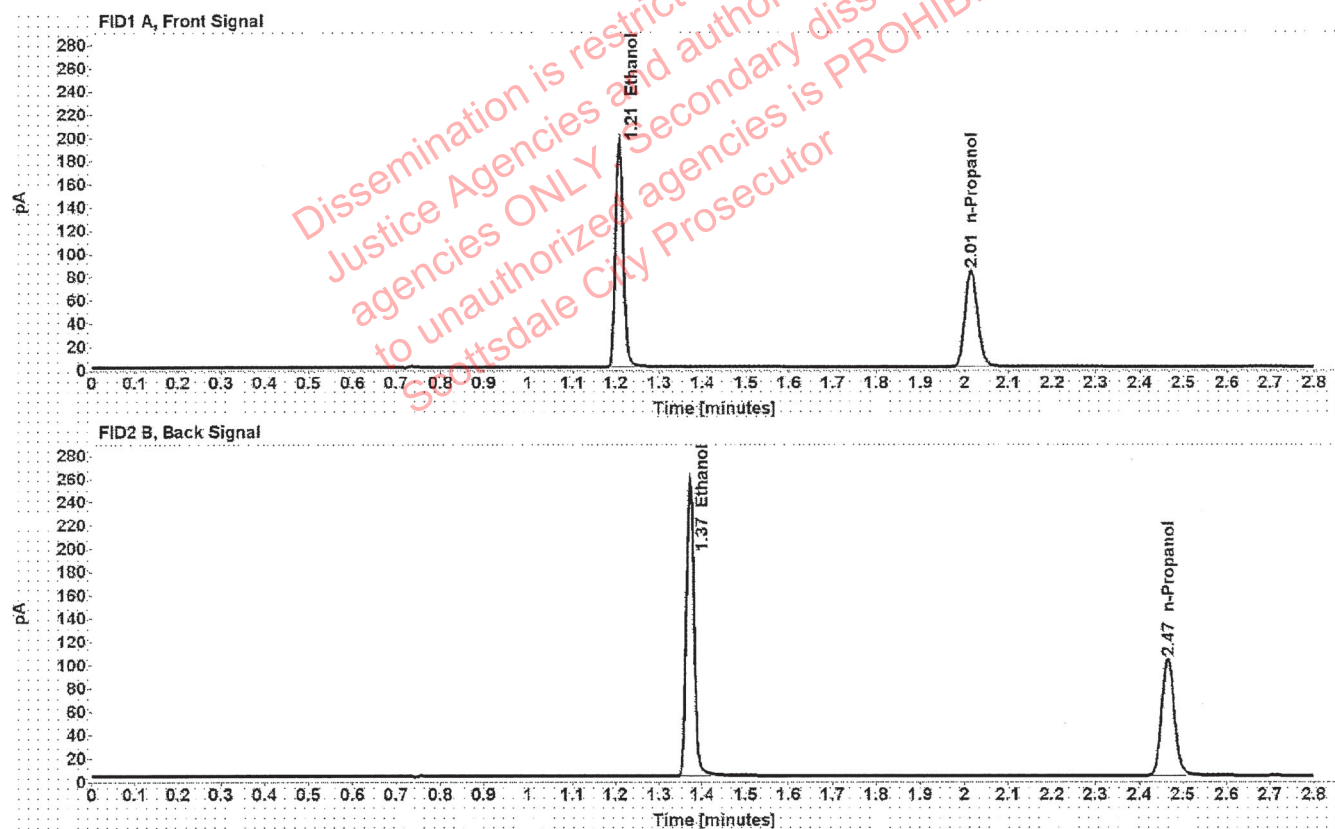


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4046	1.208	248.925
n-Propanol	-----	2.015	166.333

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

Compound	Time (min)	Peak Area
Ethanol	1.372	311.031
n-Propanol	2.465	205.114

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 54
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 18May21
Instrument: US14173023 CN14160045	Injection date: 5/18/2021 1:53:11 PM
Data file: C:\Chem32\1\Data\18May21\54.D	Analyst: Brooke <i>MS</i>

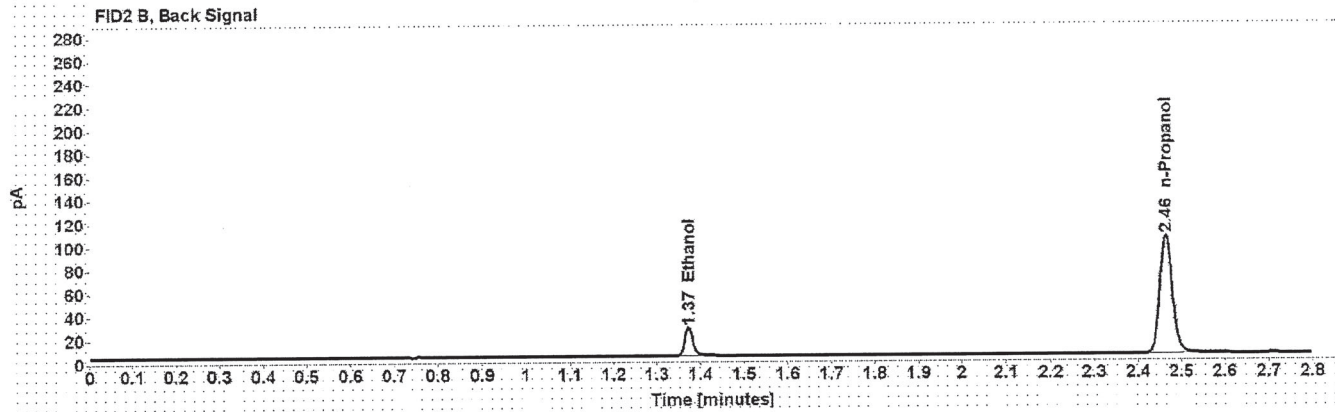


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.210	24.772
n-Propanol	-----	2.015	168.440

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

Compound	Time (min)	Peak Area
Ethanol	1.373	30.660
n-Propanol	2.465	207.018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 55
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 18May21
Instrument: US14173023 CN14160045	Injection date: 5/18/2021 1:57:26 PM
Data file: C:\Chem32\1\Data\18May21\55.D	Analyst: Brooke <i>YBS</i>

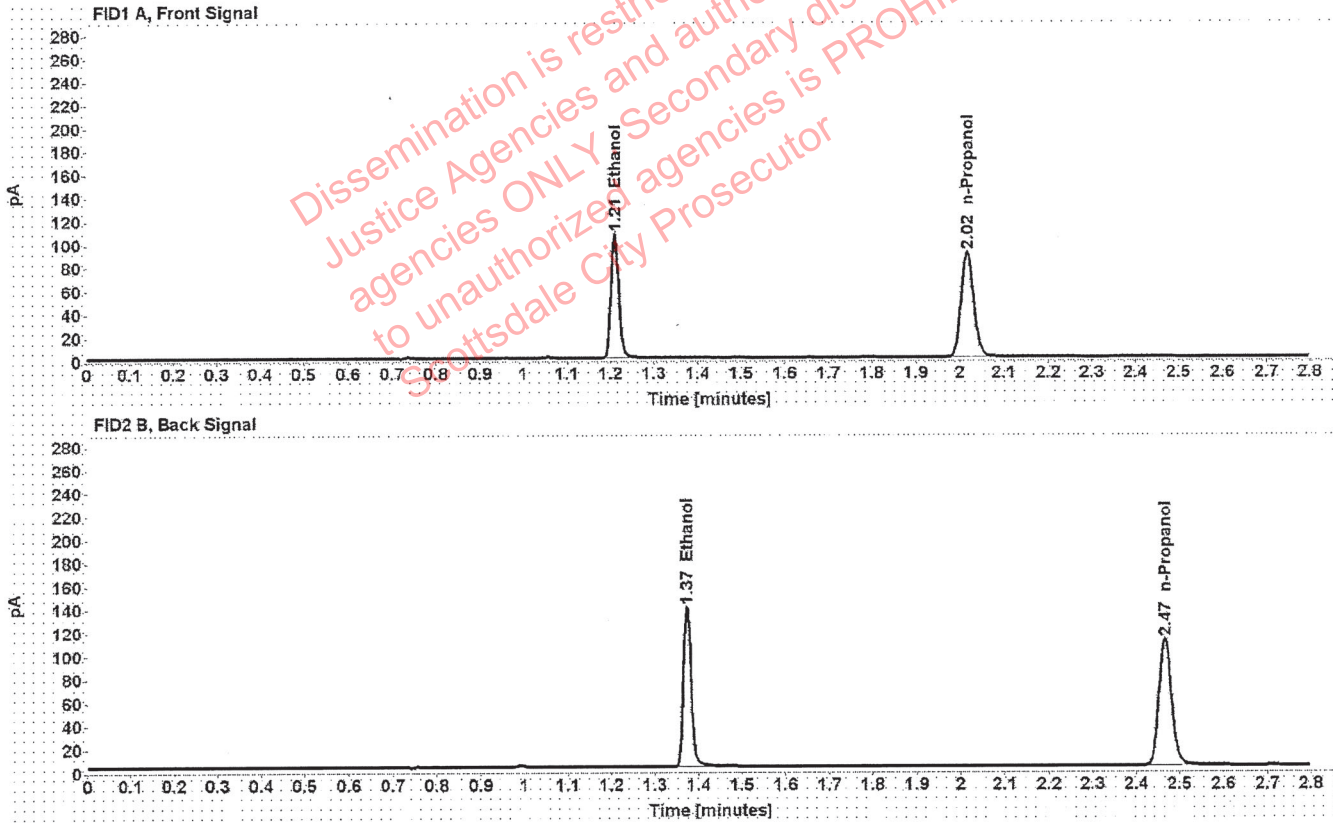


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2056	1.210	136.866
n-Propanol	-----	2.016	180.397

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

Compound	Time (min)	Peak Area
Ethanol	1.374	170.690
n-Propanol	2.467	221.783

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	56
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 2:01:26 PM
Data file:	C:\Chem32\1\Data\18May21\56.D	Analyst:	Brooke <i>RB</i>

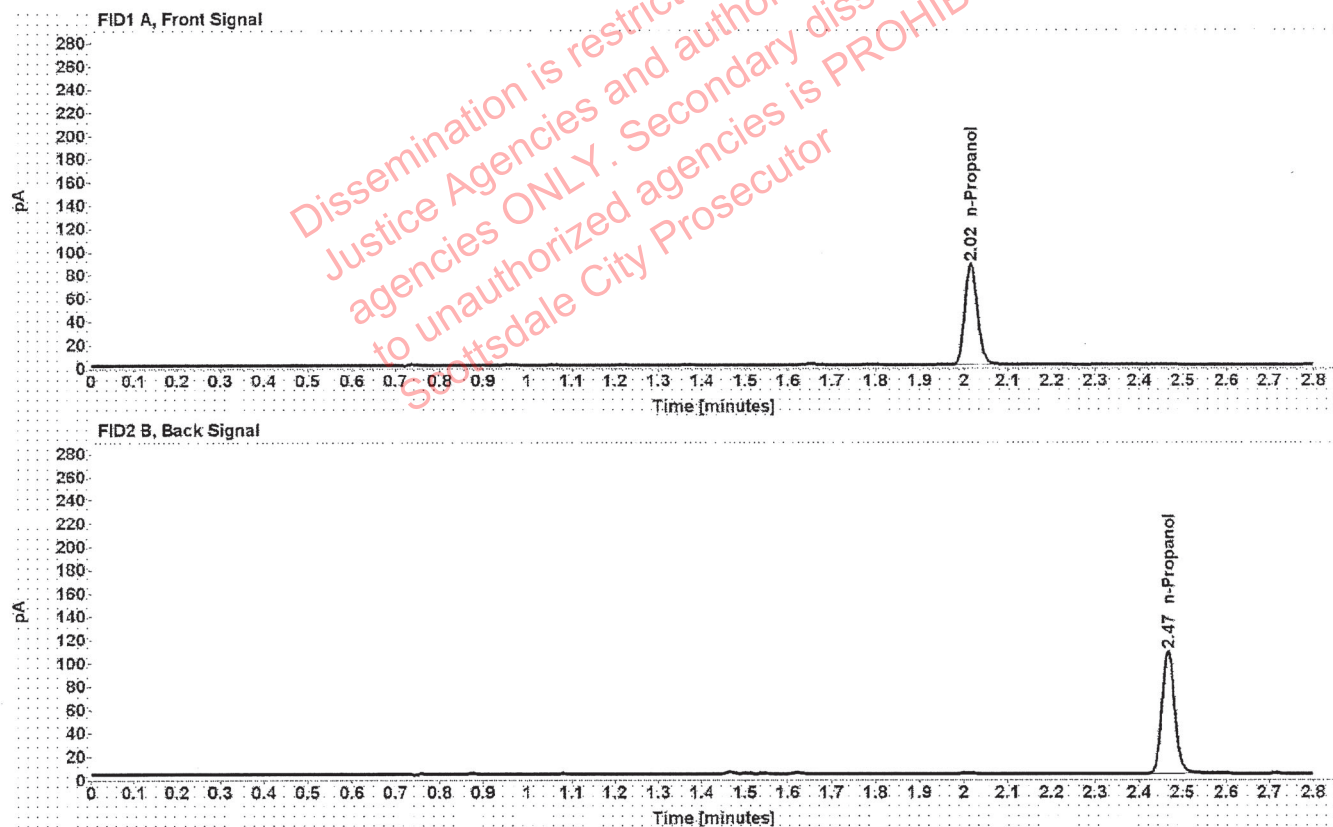


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	173.315

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	213.666

Sequence Summary

Sequence name: 18May21 Instrument: US14173023 CN14160045 Analyst: Brooke *pb*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	031021AQ	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	32701HM		Sample		ethanol quant.M
11	32701HM		Sample		ethanol quant.M
12	33801LA		Sample		ethanol quant.M
13	33801LA		Sample		ethanol quant.M
14	33801II		Sample		ethanol quant.M
15	33801II		Sample		ethanol quant.M
16	33801AA		Sample		ethanol quant.M
17	33801AA		Sample		ethanol quant.M
18	1371464		Sample		ethanol quant.M
19	1371464		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1371398		Sample		ethanol quant.M
22	1371398		Sample		ethanol quant.M
23	1369772		Sample		ethanol quant.M
24	1369772		Sample		ethanol quant.M
25	1371600		Sample		ethanol quant.M
26	1371600		Sample		ethanol quant.M
27	VIAL222		Sample		ethanol quant.M
28	VIAL222		Sample		ethanol quant.M
29	VIAL122		Sample		ethanol quant.M
30	VIAL122		Sample		ethanol quant.M
31	03102016-A/1		Control		ethanol quant.M
32	VIAL172		Sample		ethanol quant.M
33	VIAL172		Sample		ethanol quant.M
34	VIAL272		Sample		ethanol quant.M
35	VIAL272		Sample		ethanol quant.M
36	1372266		Sample		ethanol quant.M
37	1372266		Sample		ethanol quant.M
38	1372547		Sample		ethanol quant.M
39	1372547		Sample		ethanol quant.M
40	1372242		Sample		ethanol quant.M
41	1372242		Sample		ethanol quant.M
42	4101018274/9	0.200	Control		ethanol quant.M
43	1371951		Sample		ethanol quant.M
44	1371951		Sample		ethanol quant.M
45	1372758		Sample		ethanol quant.M
46	1372758		Sample		ethanol quant.M
47	1372589		Sample		ethanol quant.M

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Sequence Summary

RB

48	1372589		Sample		ethanol quant.M
49	1372619		Sample		ethanol quant.M
50	1372619		Sample		ethanol quant.M
51	1342056		Sample		ethanol quant.M
52	1342056		Sample		ethanol quant.M
53	11092018-A	0.400	Control		ethanol quant.M
54	14082019-B	0.040	Control		ethanol quant.M
55	4101018274/9	0.200	Control		ethanol quant.M
56	111020WB	Negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

RB

SEQUENCE NAME: 18May21

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2636	0.2634	0.26350	0.04	0.00010
12 13	0.2448	0.2454	0.24510	0.12	0.00030
14 15	0.1769	0.1776	0.17725	0.20	0.00035
16 17	0.1706	0.1693	0.16995	0.38	0.00065
18 19	0.1744	0.1769	0.17565	0.71	0.00125
21 22	0.0614	0.0615	0.06145	0.08	0.00005
23 24	0.1477	0.1476	0.14765	0.03	0.00005
25 26	0.2176	0.2182	0.21790	0.14	0.00030
27 28	0.1583	0.1583	0.15830	0.00	0.00000
29 30	0.0000	0.0000	0.00000	0.00	0.00000
32 33	0.0801	0.0793	0.07970	0.50	0.00040
34 35	0.2563	0.2534	0.25485	0.57	0.00145
36 37	0.0379	0.0378	0.03785	0.13	0.00005
38 39	0.1667	0.1677	0.16720	0.30	0.00050
40 41	0.2184	0.2185	0.21845	0.02	0.00005
43 44	0.0923	0.0923	0.09230	0.00	0.00000
45 46	0.1949	0.1958	0.19535	0.23	0.00045
47 48	0.2266	0.2253	0.22595	0.29	0.00065
49 50	0.1471	0.1472	0.14715	0.03	0.00005
51 52	0.2495	0.2498	0.24965	0.06	0.00015

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701HM	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 10:55:27 AM
Data file:	C:\Chem32\1\Data\18May21\10.D	Analyst:	Brooke

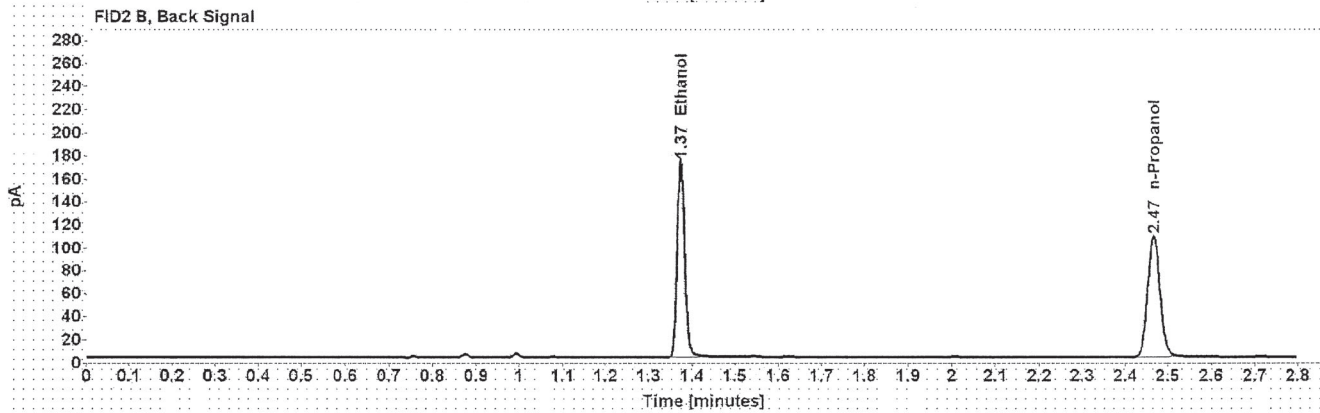
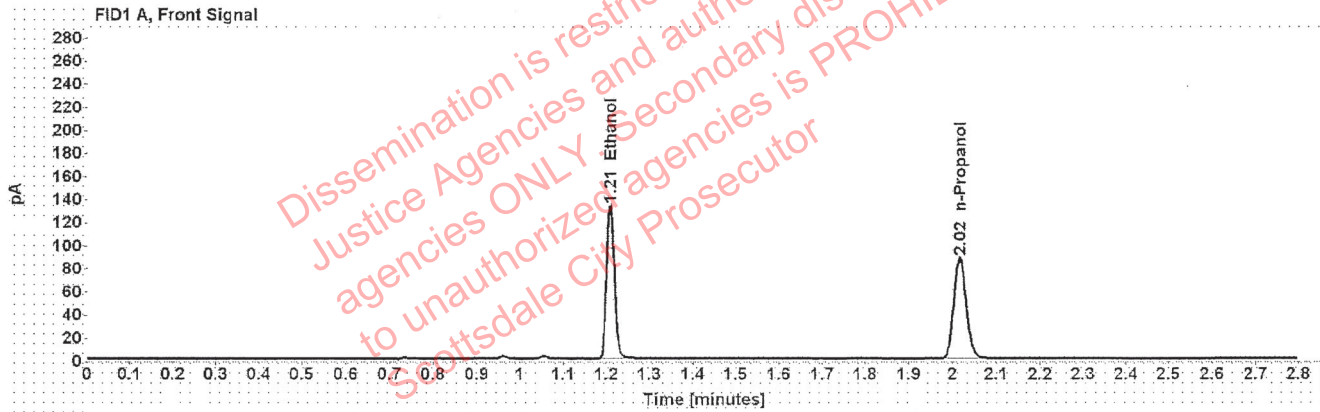


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2636	1.210	169.912
n-Propanol	-----	2.016	174.503

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

Compound	Time (min)	Peak Area
Ethanol	1.374	210.778
n-Propanol	2.467	214.143

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701HM	Vial:	11
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 10:59:26 AM
Data file:	C:\Chem32\1\Data\18May21\11.D	Analyst:	Brooke

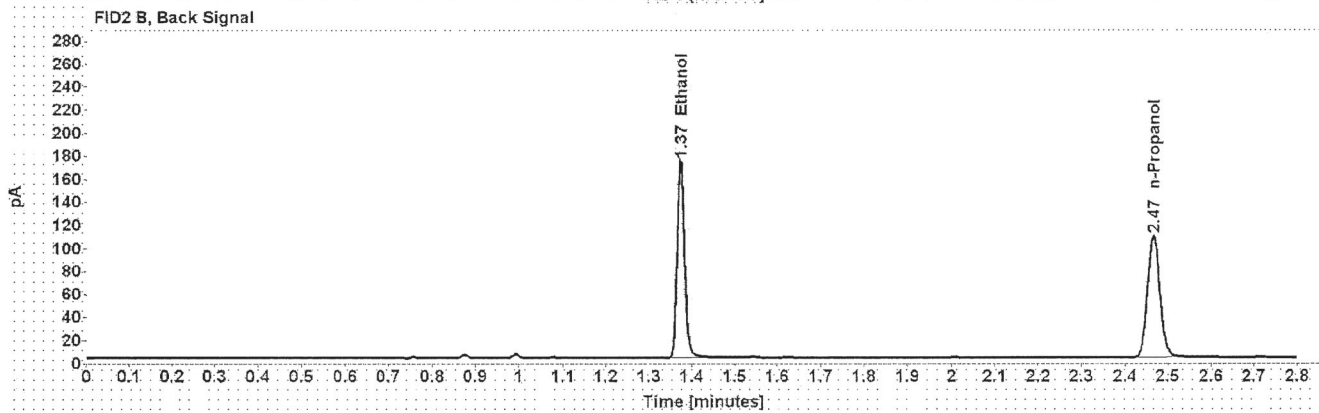
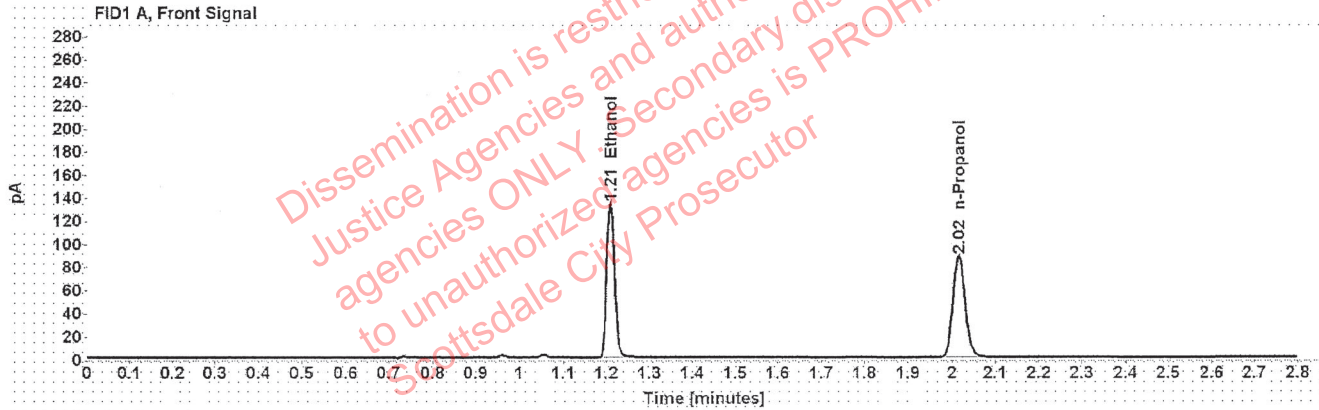


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2634	1.210	170.376
n-Propanol	-----	2.016	175.126

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

Compound	Time (min)	Peak Area
Ethanol	1.374	212.751
n-Propanol	2.467	214.762

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801LA	Vial:	12
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 11:03:26 AM
Data file:	C:\Chem32\1\Data\18May21\12.D	Analyst:	Brooke

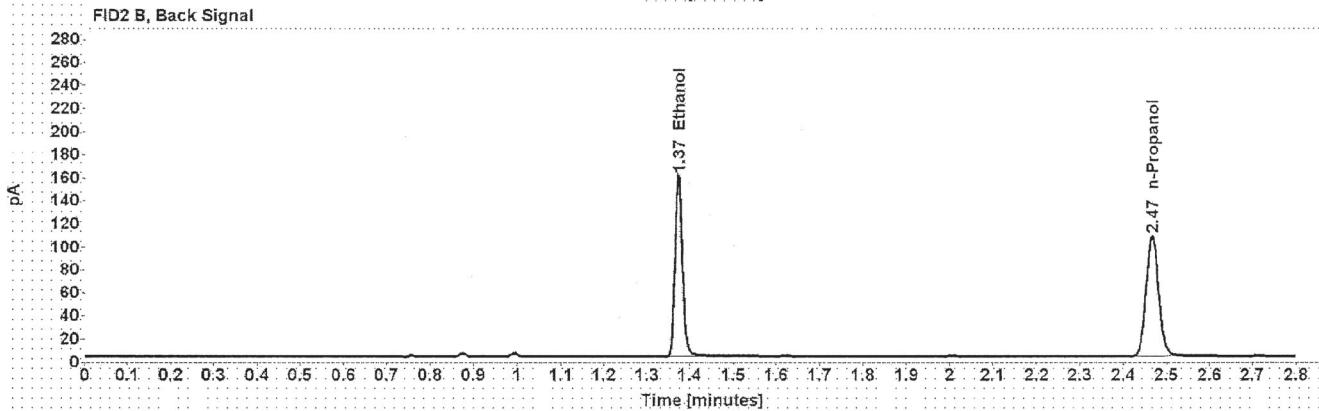
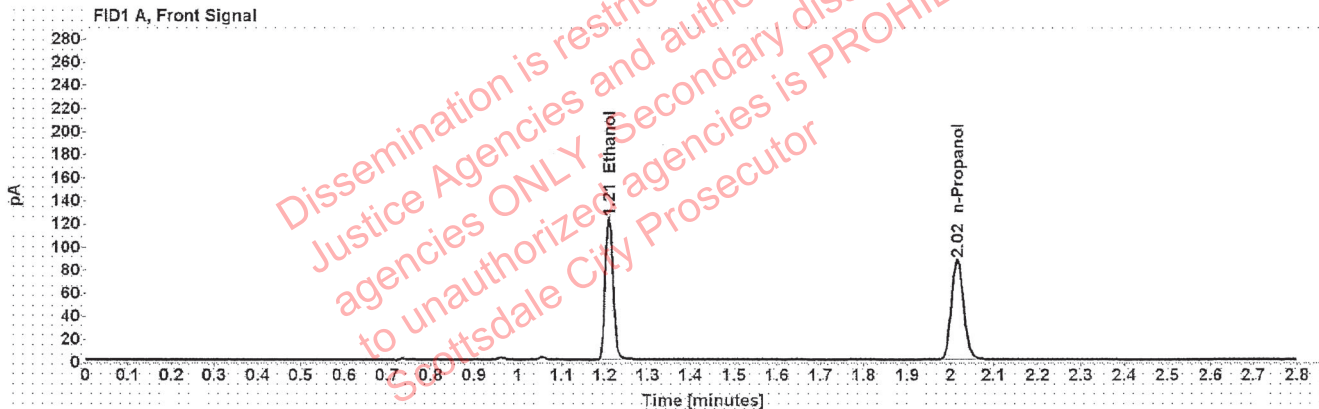


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2448	1.210	156.912
n-Propanol	-----	2.016	173.570

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

Compound	Time (min)	Peak Area
Ethanol	1.374	196.015
n-Propanol	2.467	212.878

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801LA	Vial:	13
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 11:07:42 AM
Data file:	C:\Chem32\1\Data\18May21\13.D	Analyst:	Brooke

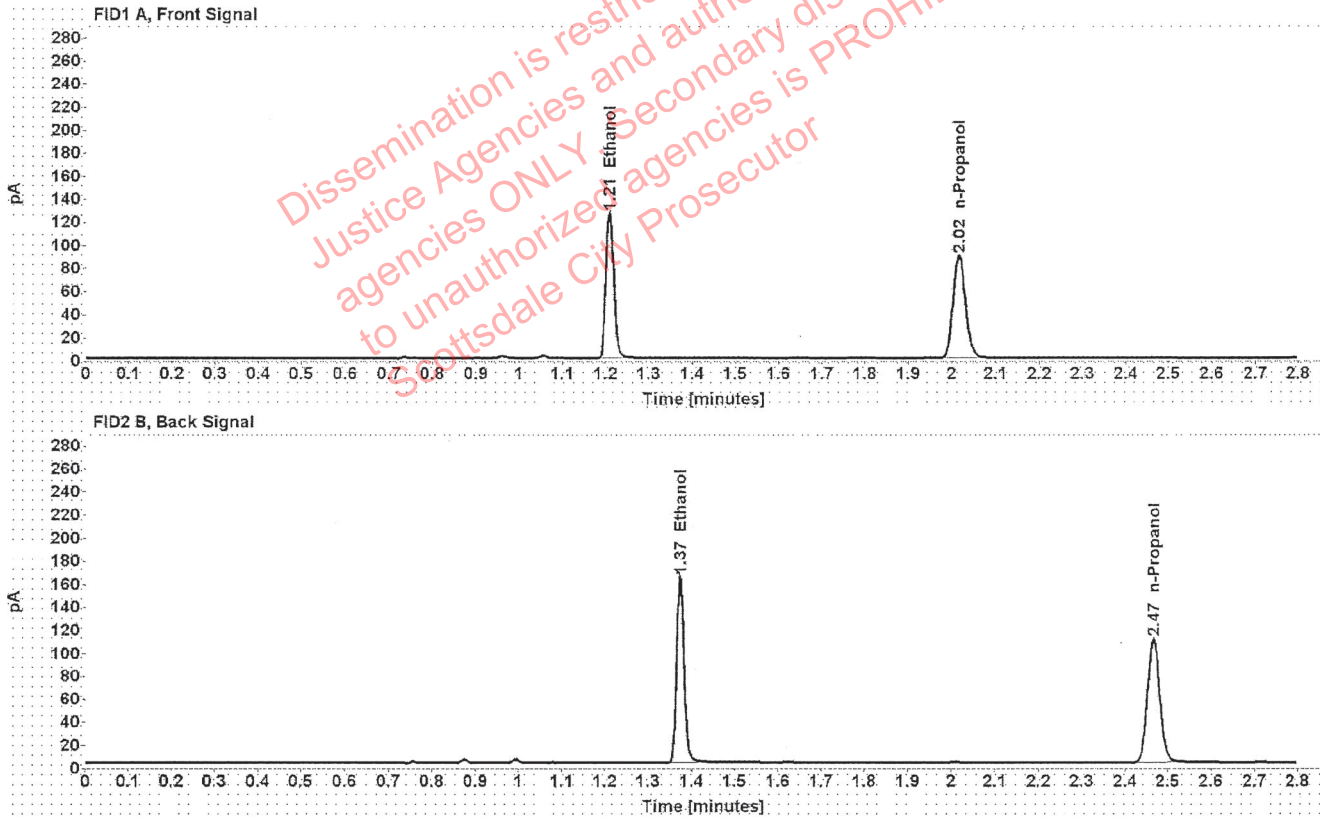


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2454	1.210	161.154
n-Propanol	-----	2.016	177.871

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

Compound	Time (min)	Peak Area
Ethanol	1.374	199.762
n-Propanol	2.467	218.226

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	338011	Vial:	14
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 11:11:42 AM
Data file:	C:\Chem32\1\Data\18May21\14.D	Analyst:	Brooke

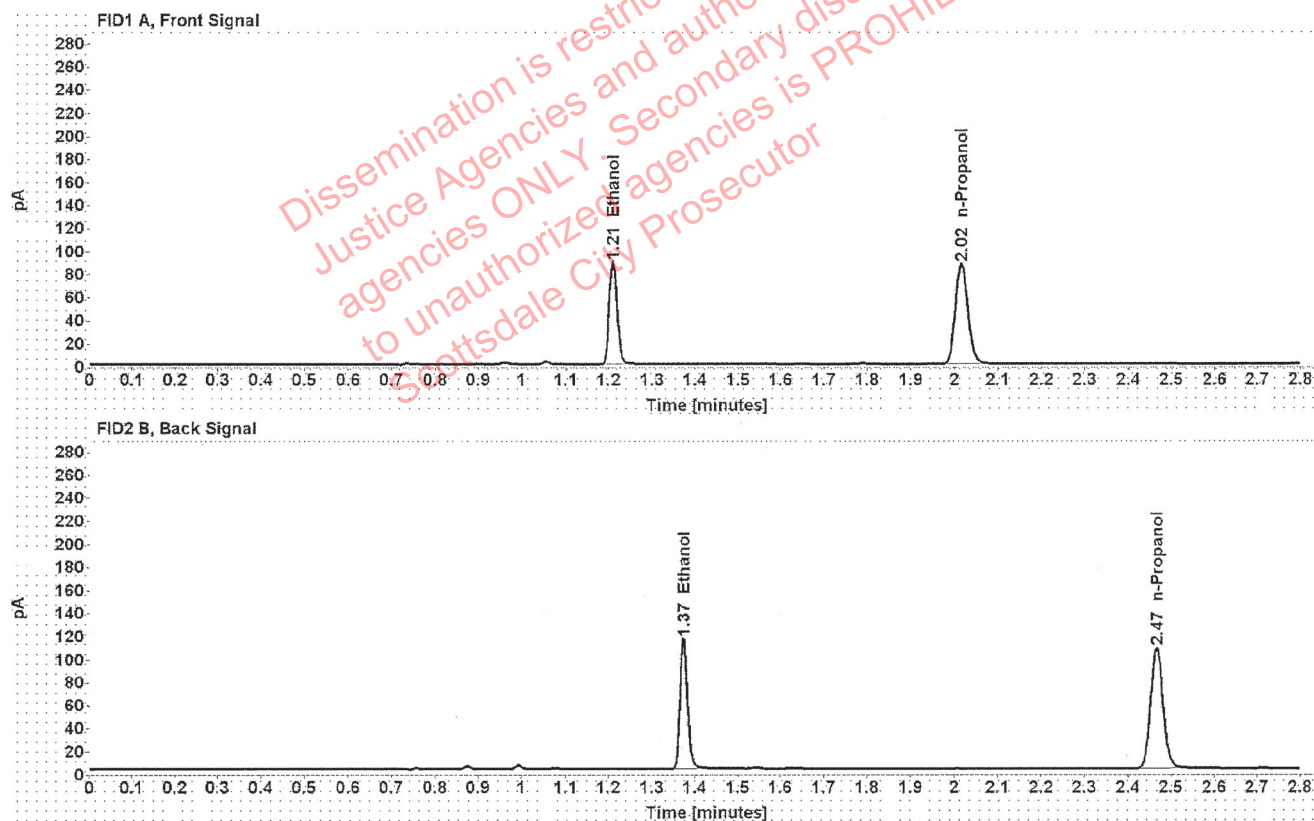


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1769	1.210	113.191
n-Propanol	-----	2.016	173.554

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

Compound	Time (min)	Peak Area
Ethanol	1.374	140.290
n-Propanol	2.467	212.644

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	338011	Vial:	15
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 11:15:42 AM
Data file:	C:\Chem32\1\Data\18May21\15.D	Analyst:	Brooke

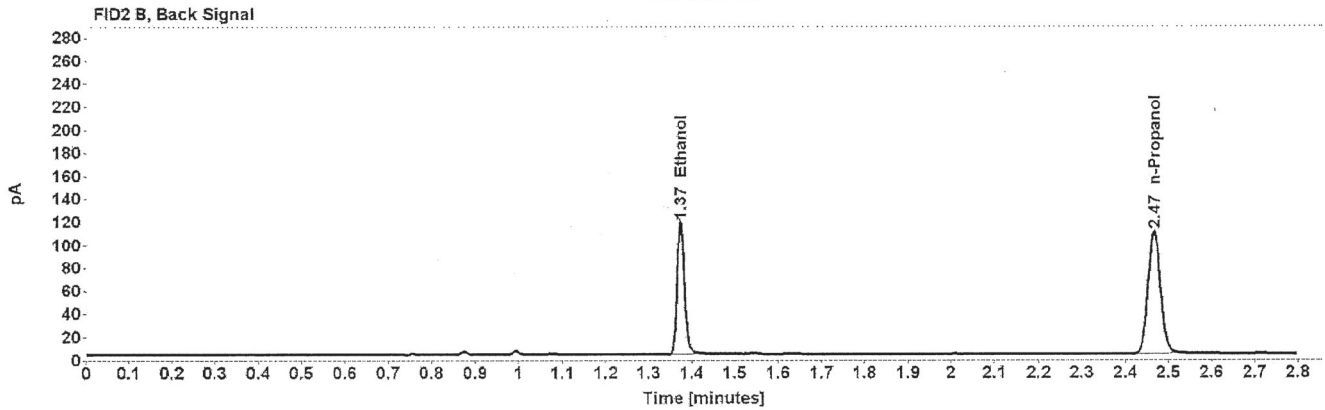
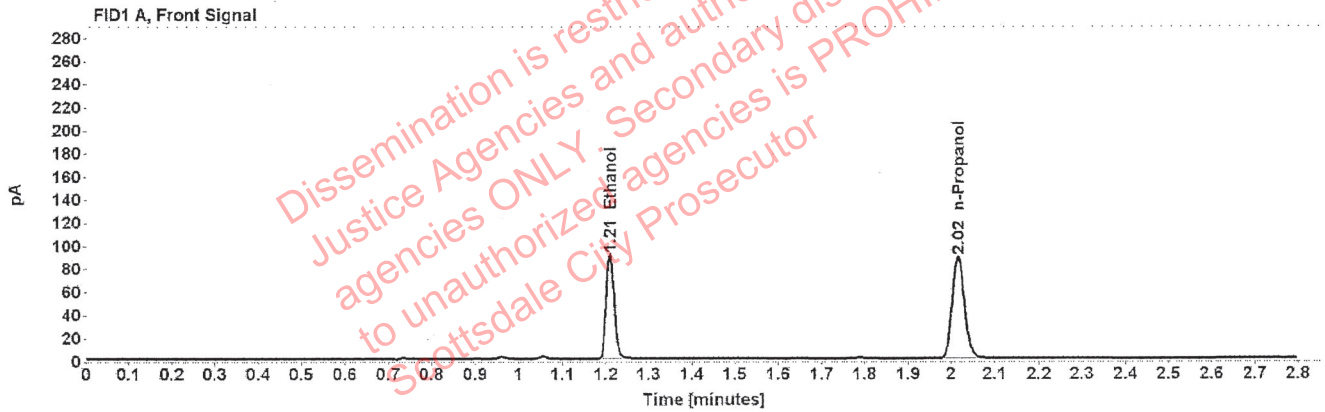


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1776	1.210	115.261
n-Propanol	-----	2.016	176.068

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

Compound	Time (min)	Peak Area
Ethanol	1.374	142.770
n-Propanol	2.467	215.879

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801AA	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 11:19:41 AM
Data file:	C:\Chem32\1\Data\18May21\16.D	Analyst:	Brooke

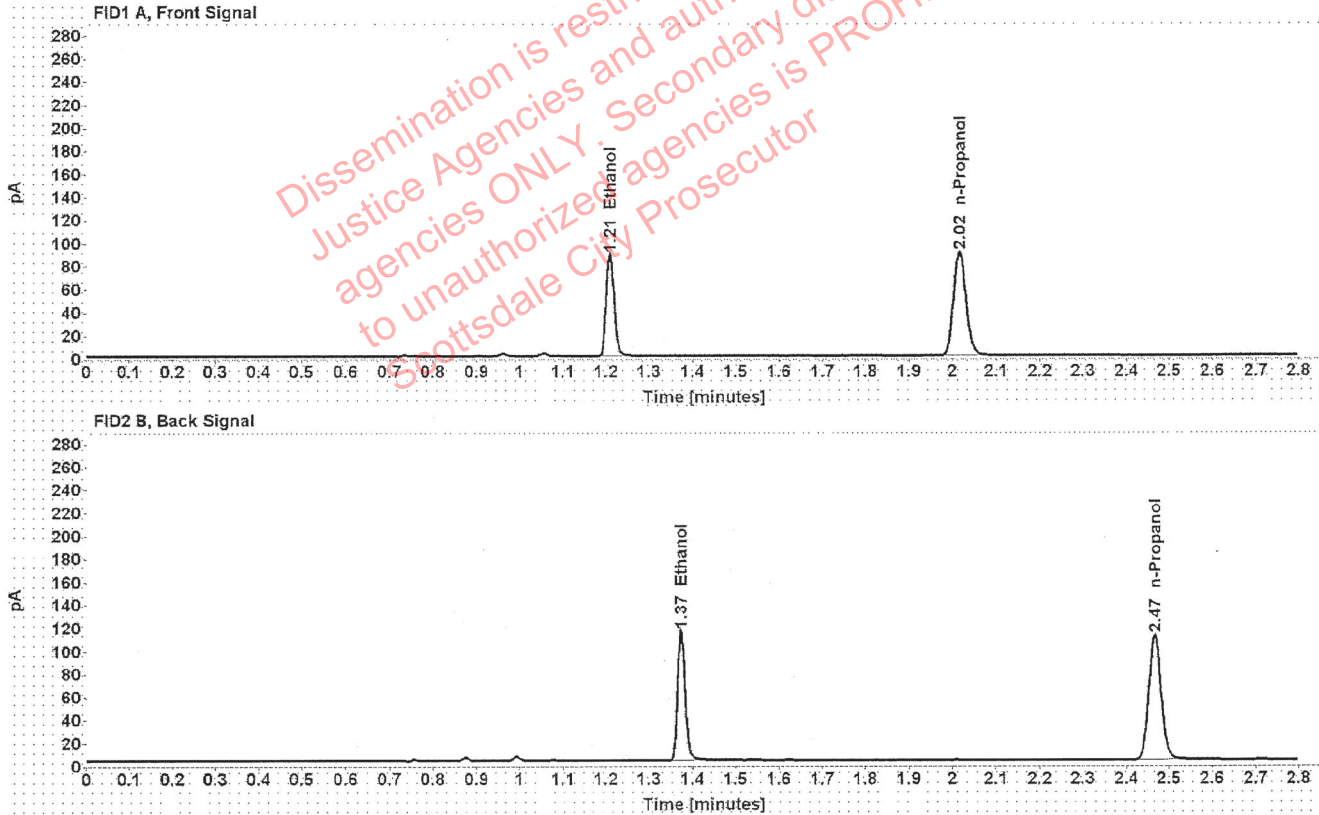


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1706	1.210	113.061
n-Propanol	-----	2.016	179.884

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

Compound	Time (min)	Peak Area
Ethanol	1.374	140.179
n-Propanol	2.467	220.542

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801AA	Vial:	17
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 11:23:42 AM
Data file:	C:\Chem32\1\Data\18May21\17.D	Analyst:	Brooke

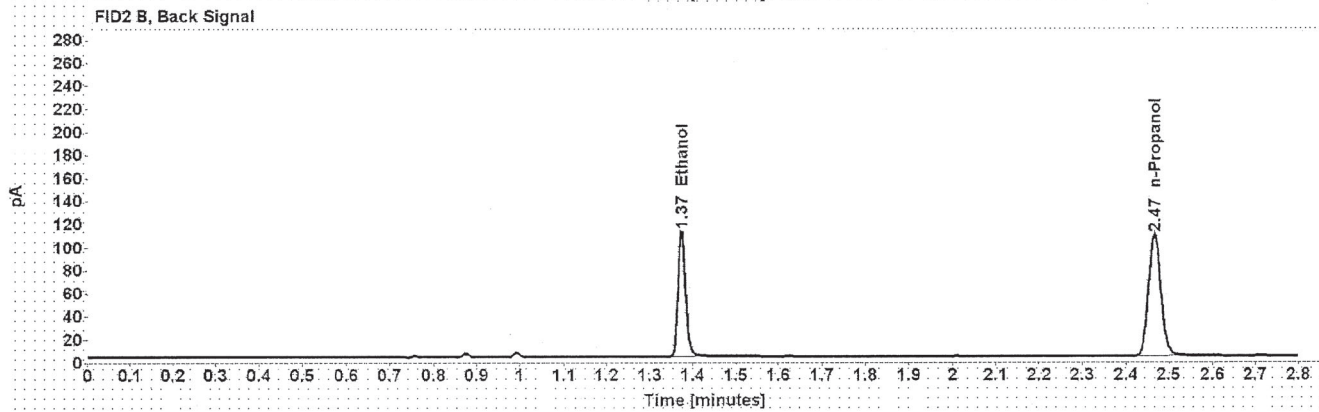
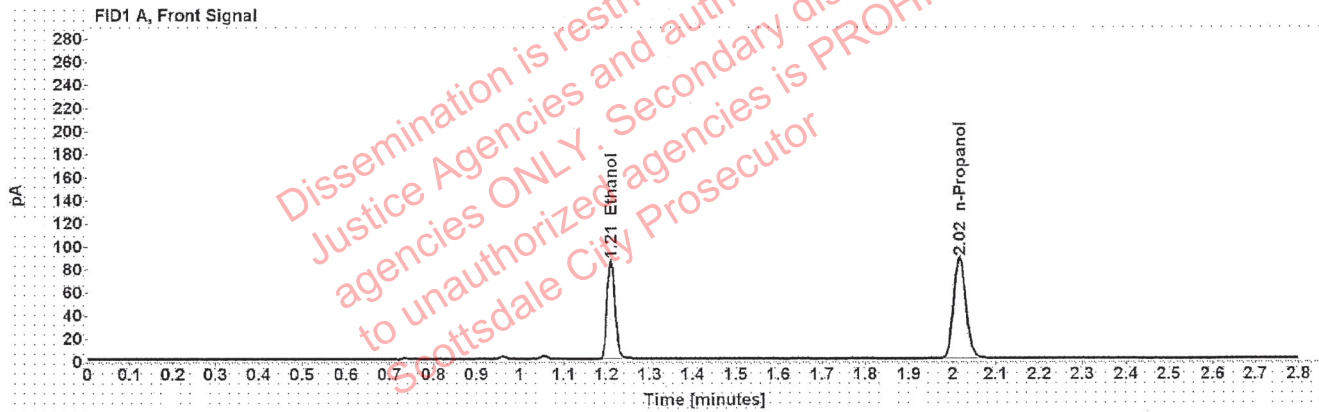


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1693	1.210	109.256
n-Propanol	-----	2.016	175.125

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

Compound	Time (min)	Peak Area
Ethanol	1.374	135.363
n-Propanol	2.467	214.773

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371464	Vial:	18
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 11:27:42 AM
Data file:	C:\Chem32\1\Data\18May21\18.D	Analyst:	Brooke

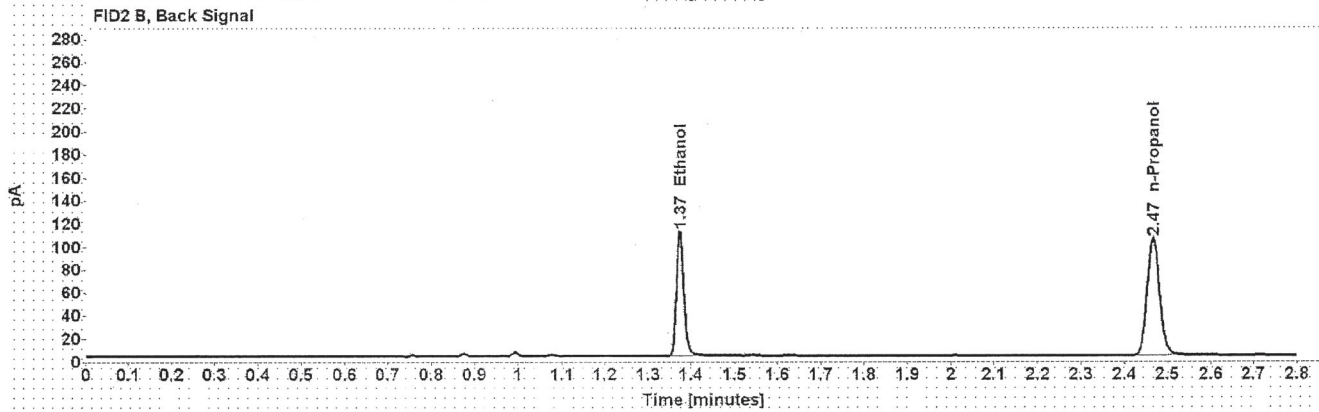
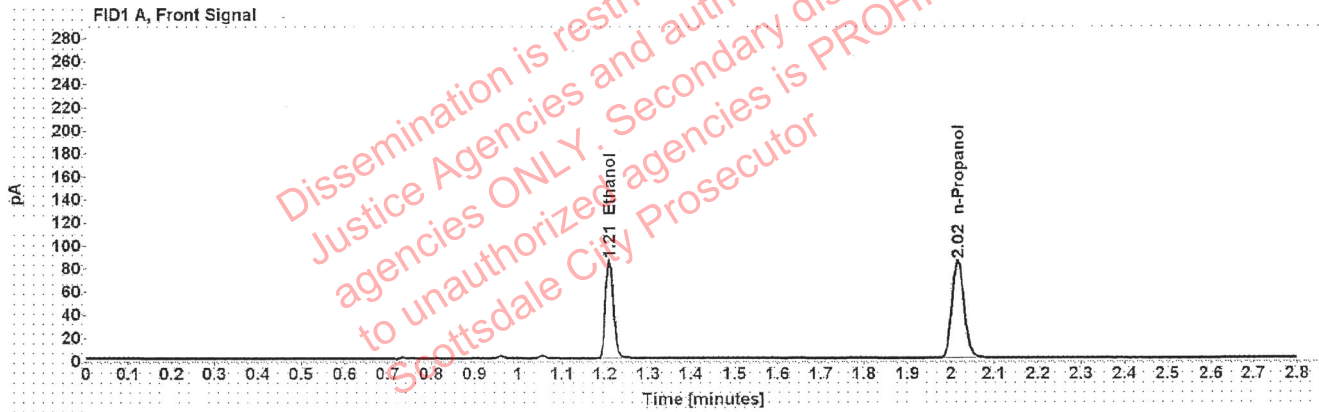


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1744	1.210	108.450
n-Propanol	-----	2.016	168.736

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

Compound	Time (min)	Peak Area
Ethanol	1.374	134.522
n-Propanol	2.467	206.999

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371464	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 11:31:57 AM
Data file:	C:\Chem32\1\Data\18May21\19.D	Analyst:	Brooke

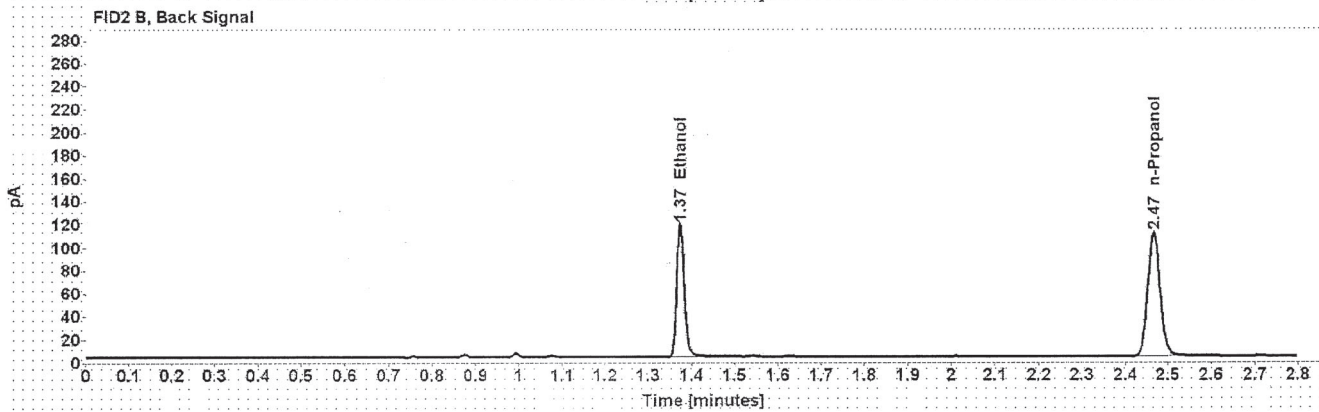
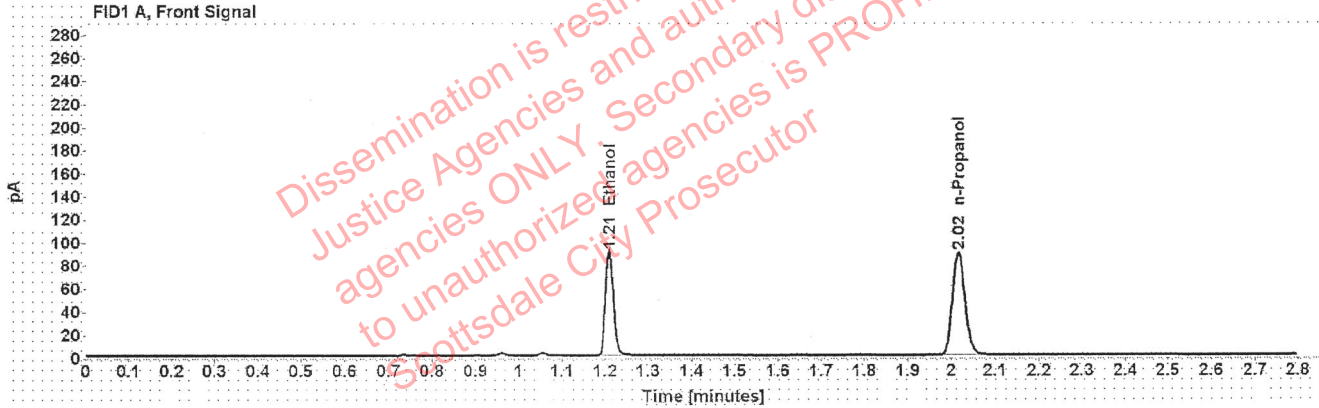


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1769	1.210	115.817
n-Propanol	-----	2.016	177.611

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

Compound	Time (min)	Peak Area
Ethanol	1.374	143.772
n-Propanol	2.467	217.899

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371398	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 11:39:56 AM
Data file:	C:\Chem32\1\Data\18May21\21.D	Analyst:	Brooke

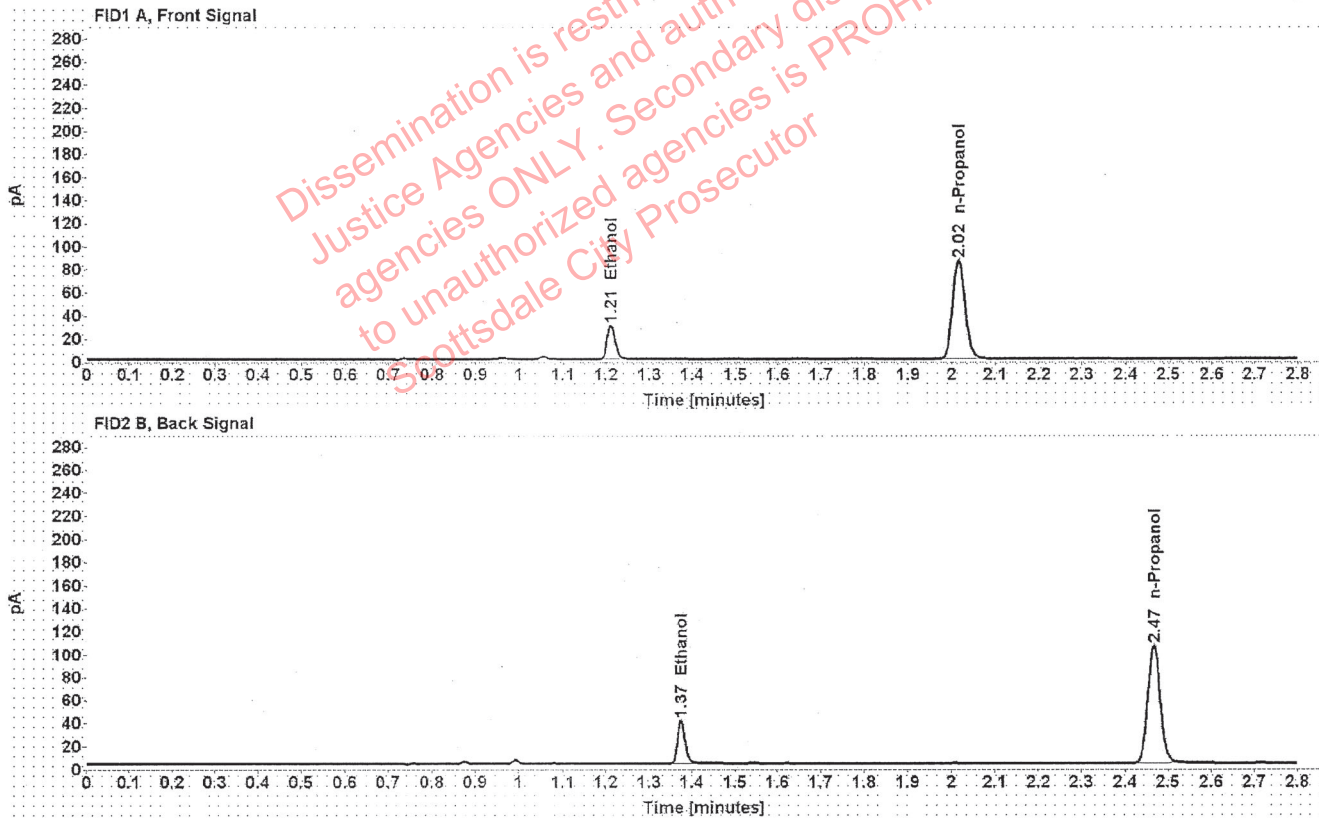


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0614	1.211	38.257
n-Propanol	-----	2.016	171.168

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

Compound	Time (min)	Peak Area
Ethanol	1.375	47.861
n-Propanol	2.467	210.003

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371398	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 11:43:56 AM
Data file:	C:\Chem32\1\Data\18May21\22.D	Analyst:	Brooke

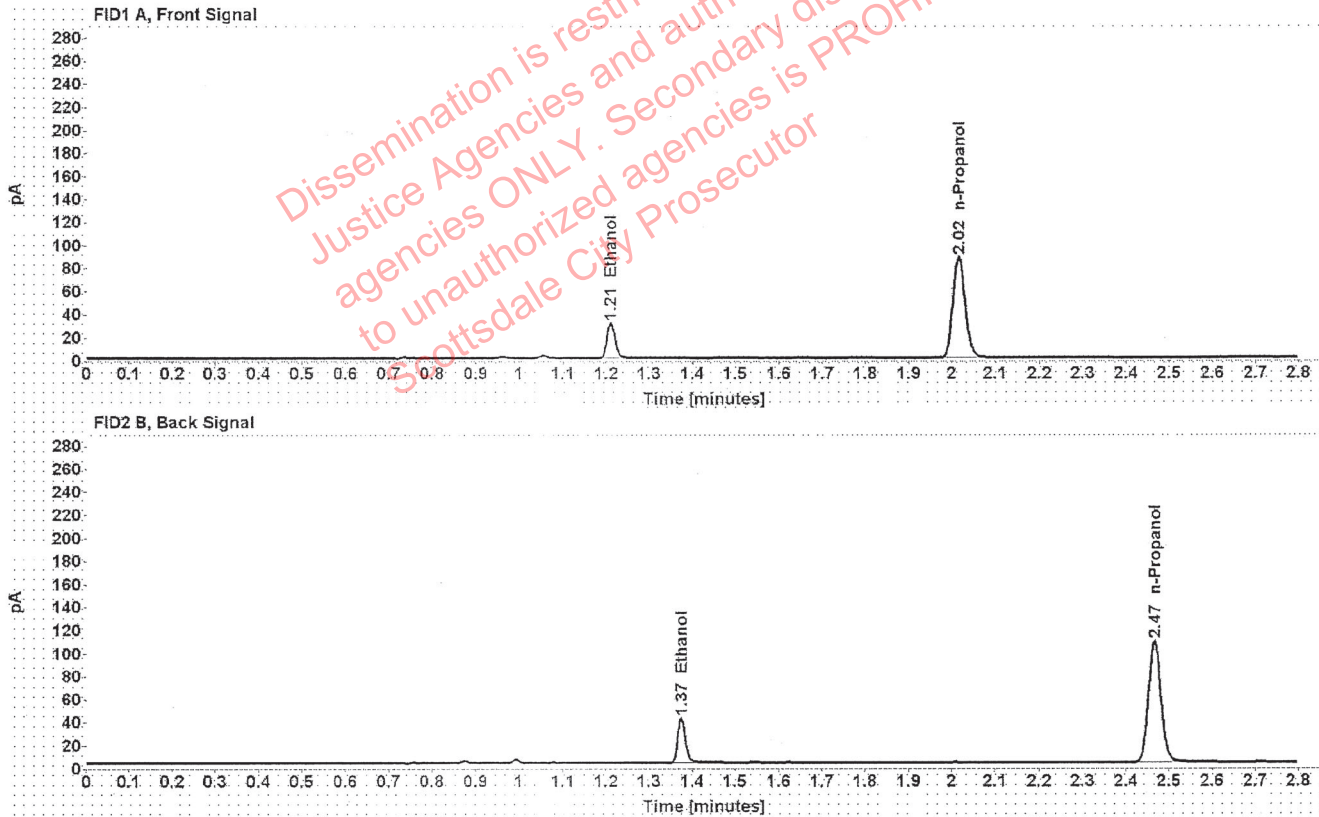


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0615	1.211	39.120
n-Propanol	-----	2.016	174.551

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

Compound	Time (min)	Peak Area
Ethanol	1.375	48.618
n-Propanol	2.467	214.253

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1369772	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 11:47:57 AM
Data file:	C:\Chem32\1\Data\18May21\23.D	Analyst:	Brooke

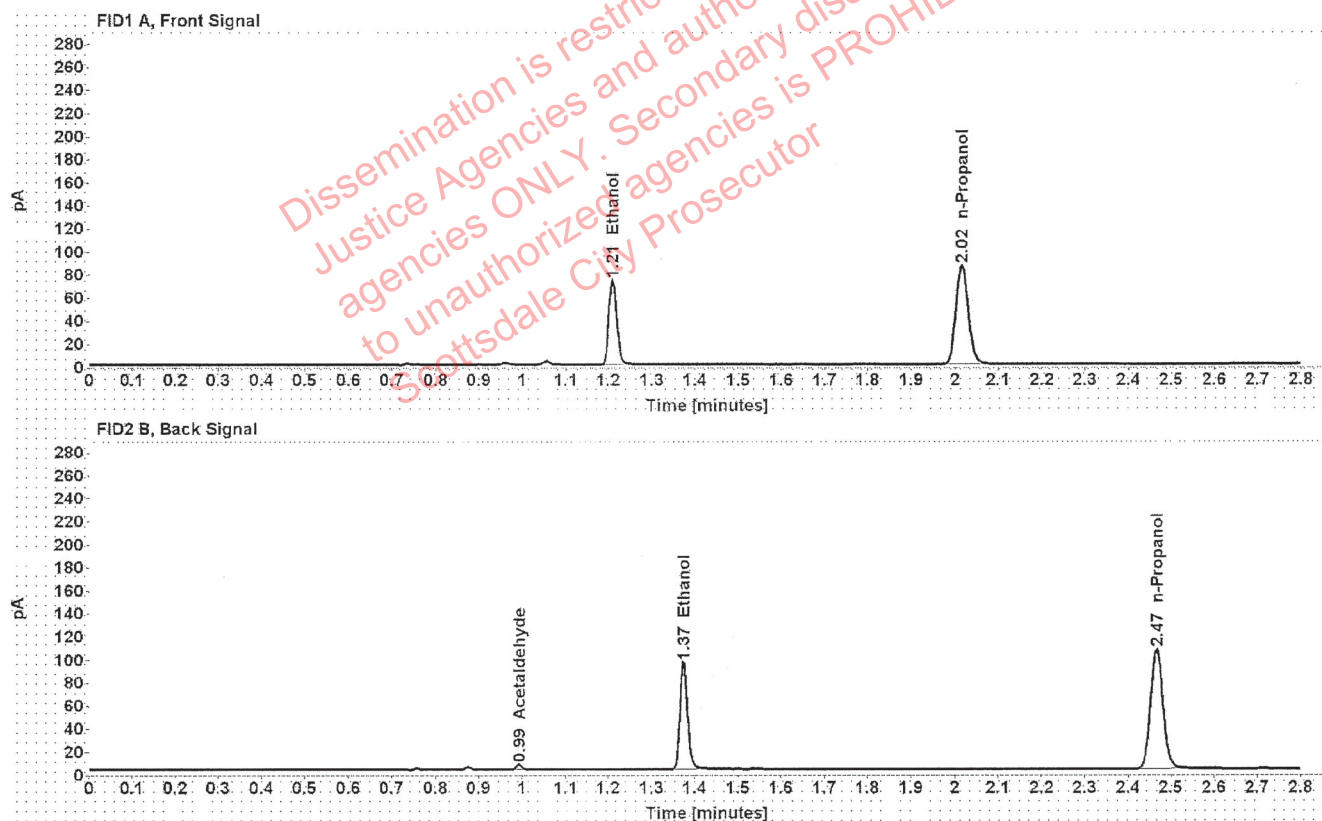


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1477	1.210	93.577
n-Propanol	-----	2.016	172.055

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.975
Ethanol	1.374	115.760
n-Propanol	2.466	210.915

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1369772	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 11:51:57 AM
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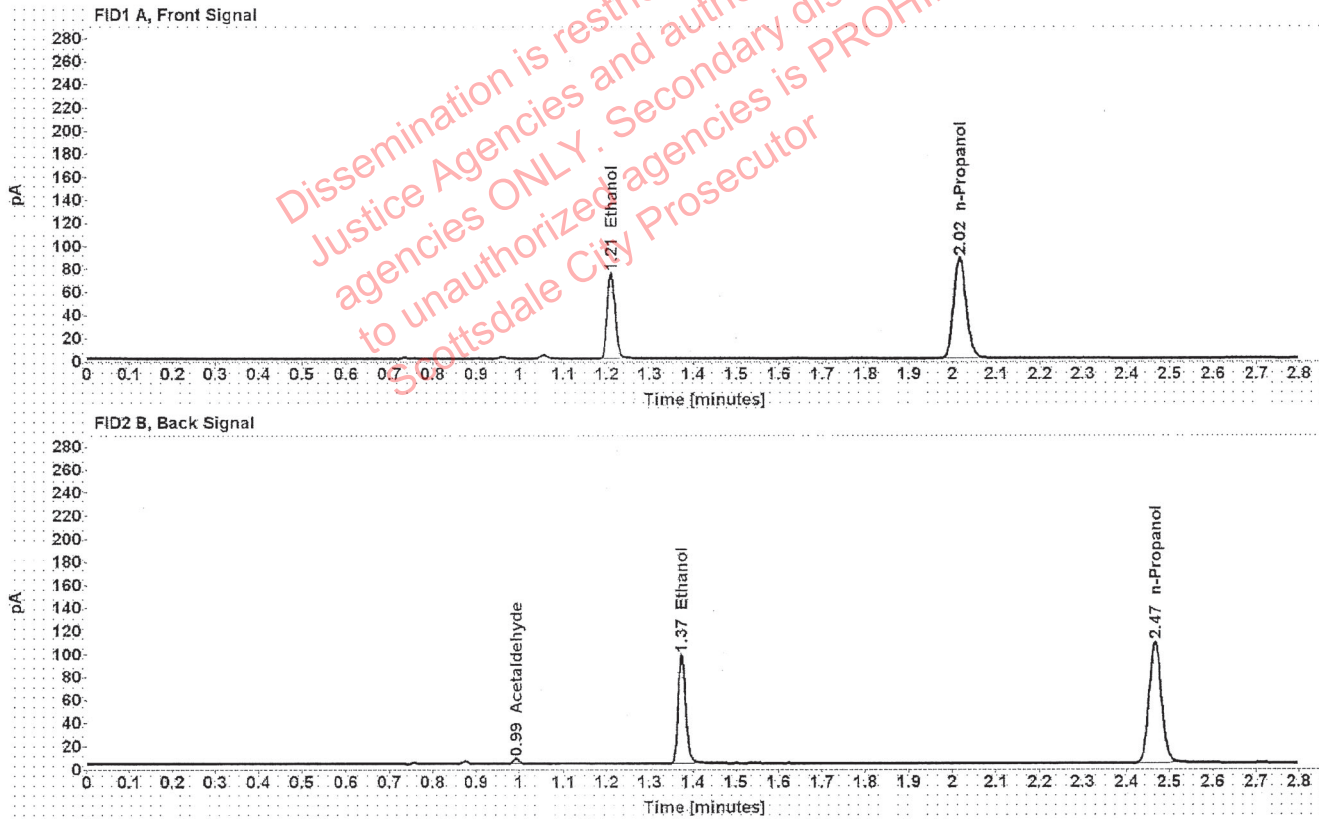


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1476	1.210	94.974
n-Propanol	-----	2.016	174.761

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.180
Ethanol	1.374	117.575
n-Propanol	2.467	214.372

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371600	Vial:	25
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 11:56:12 AM
Data file:	C:\Chem32\1\Data\18May21\25.D	Analyst:	Brooke

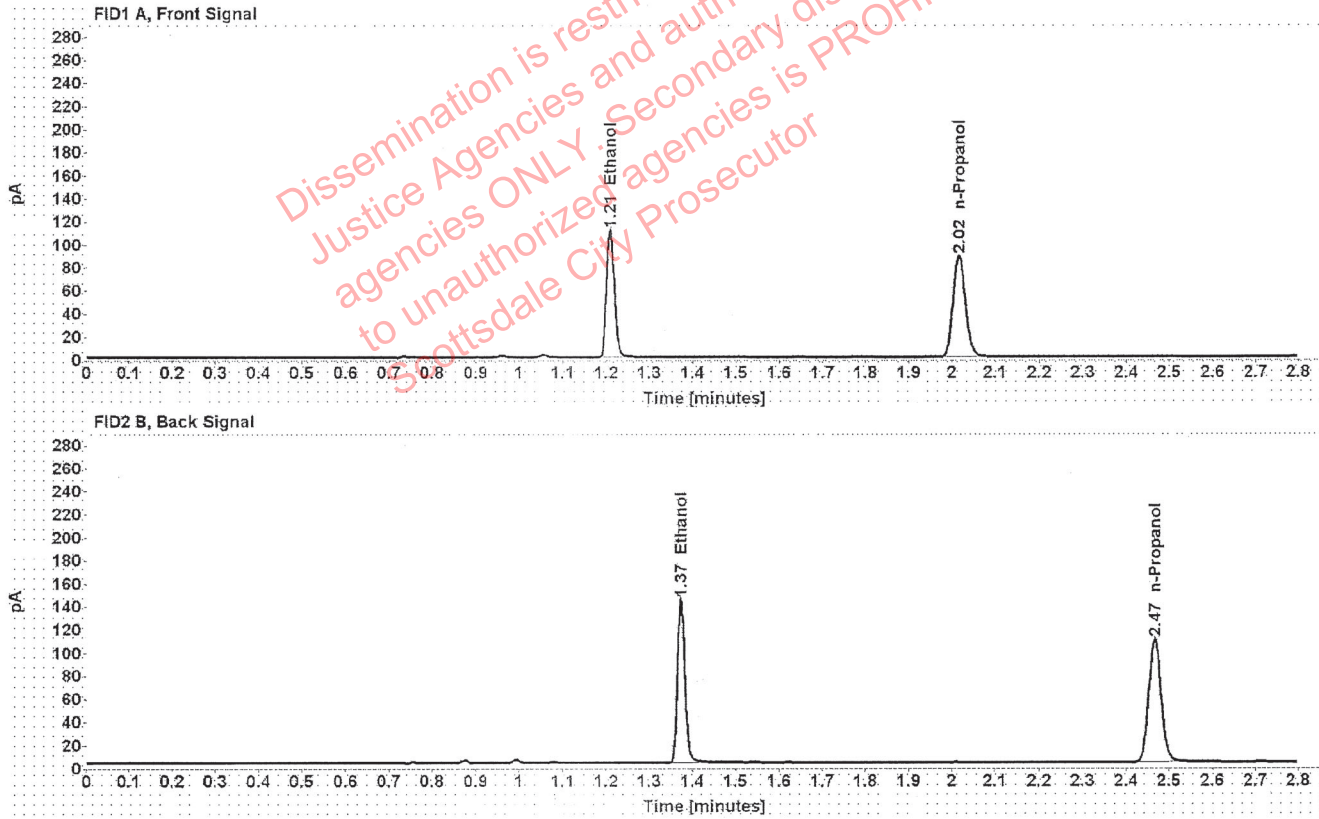


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2176	1.210	141.418
n-Propanol	-----	2.016	176.133

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

Compound	Time (min)	Peak Area
Ethanol	1.374	175.533
n-Propanol	2.467	216.058

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371600	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 12:00:12 PM
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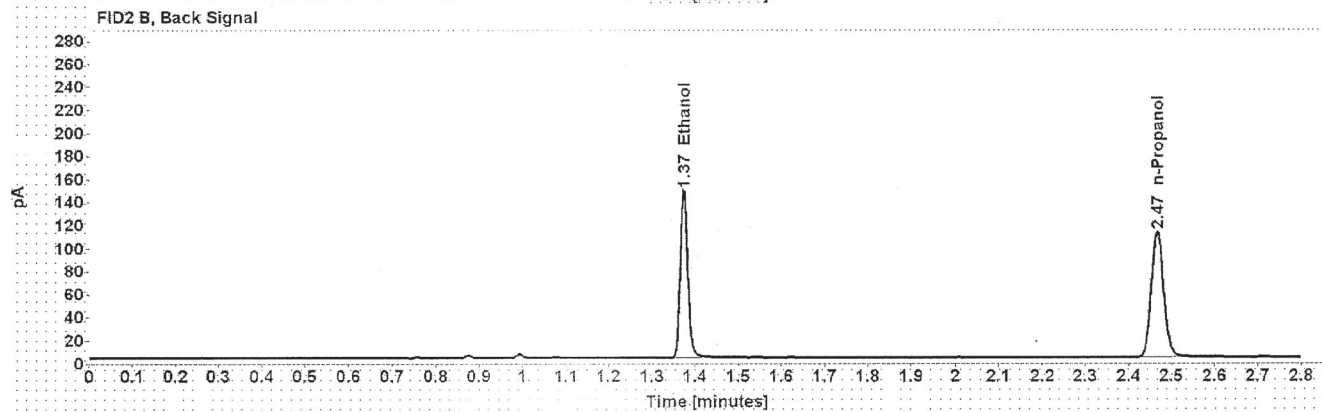
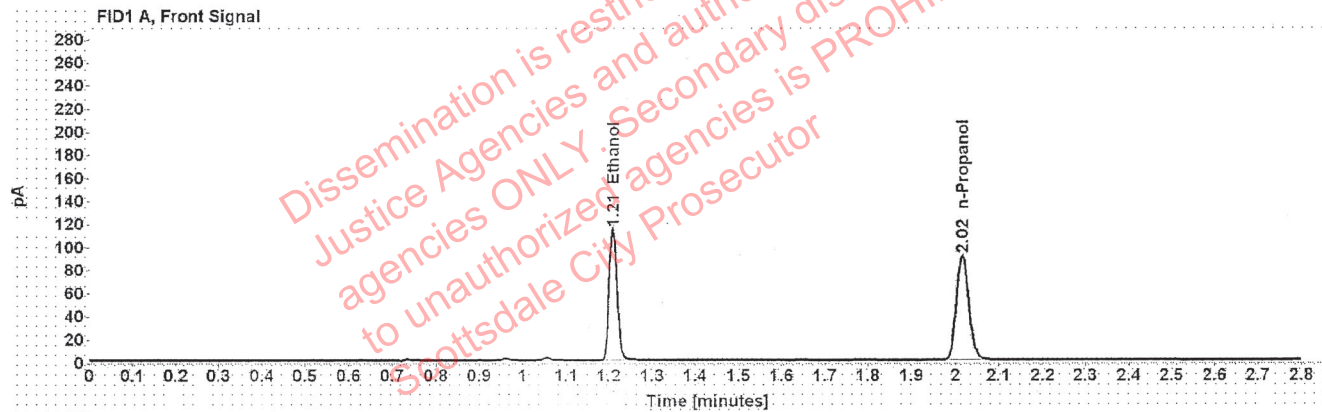


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2182	1.210	145.645
n-Propanol	-----	2.016	180.854

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

Compound	Time (min)	Peak Area
Ethanol	1.374	181.179
n-Propanol	2.467	221.959

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

Case: [REDACTED] User: pbrooke 5/18/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL222	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 12:04:11 PM
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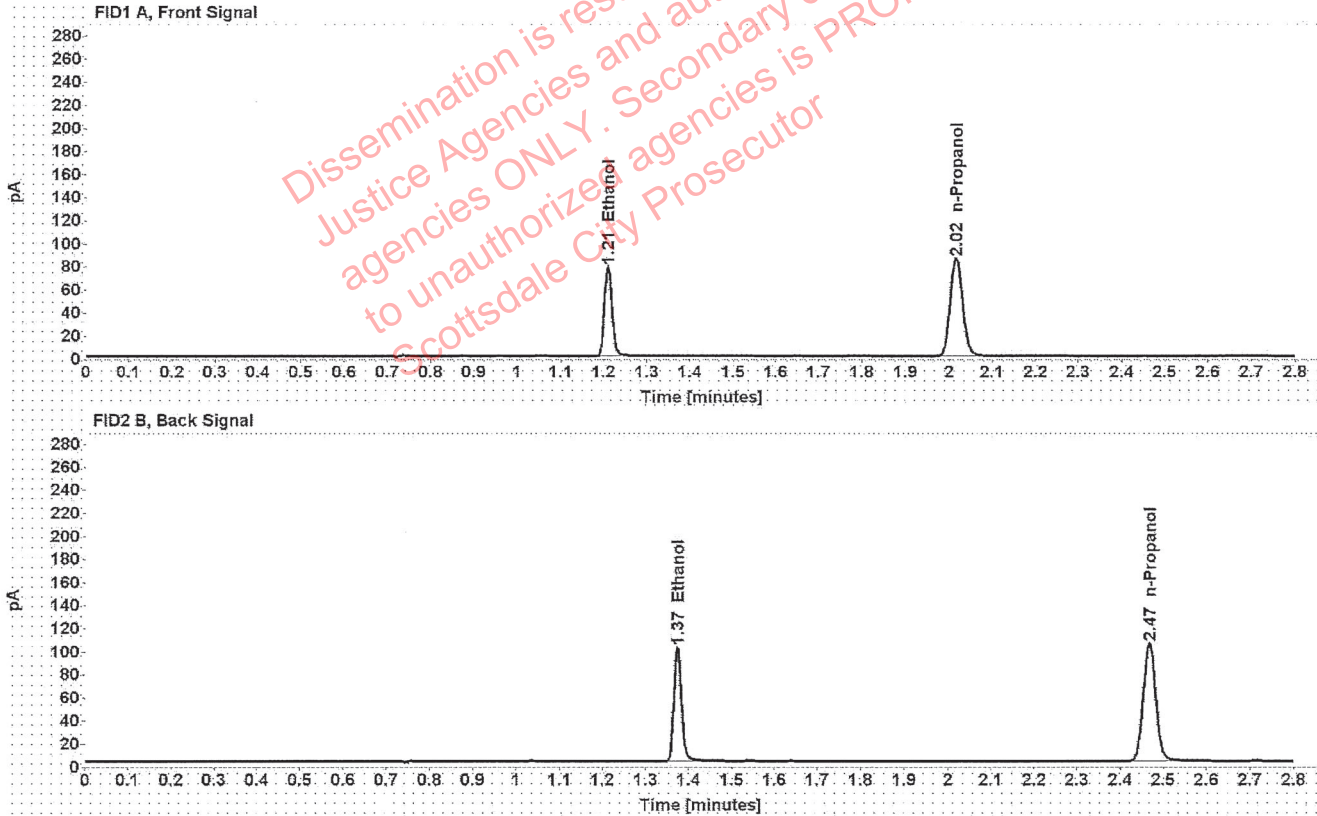


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1583	1.210	99.135
n-Propanol	-----	2.016	169.987

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

Compound	Time (min)	Peak Area
Ethanol	1.374	123.465
n-Propanol	2.467	208.564

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

Case: [REDACTED] User: pbrooke 5/18/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL222	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 12:08:11 PM
Data file:	C:\Chem32\1\Data\18May21\28.D	Analyst:	Brooke

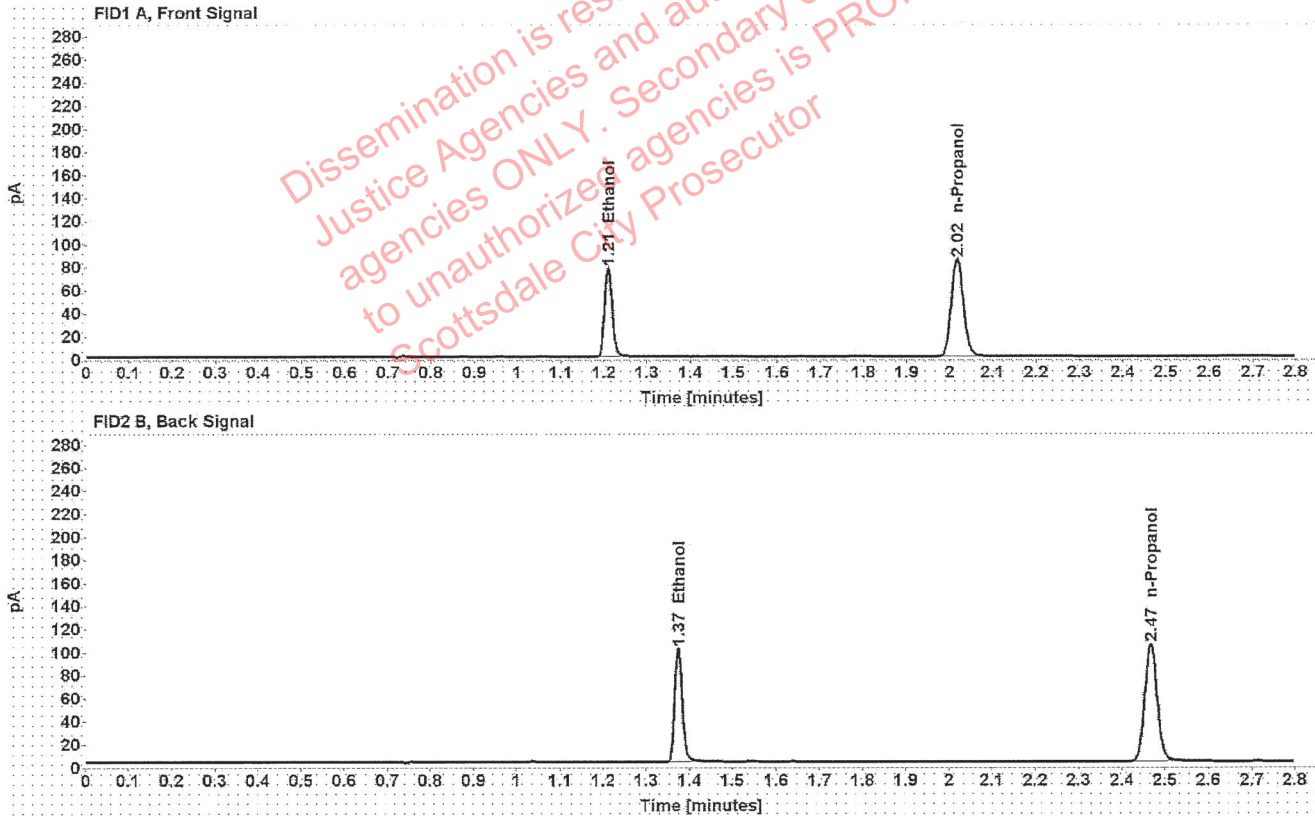


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1583	1.210	98.669
n-Propanol	-----	2.016	169.203

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

Compound	Time (min)	Peak Area
Ethanol	1.374	121.974
n-Propanol	2.467	207.446

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

Case: [REDACTED] User: pbrooke 5/18/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL122	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 12:12:12 PM
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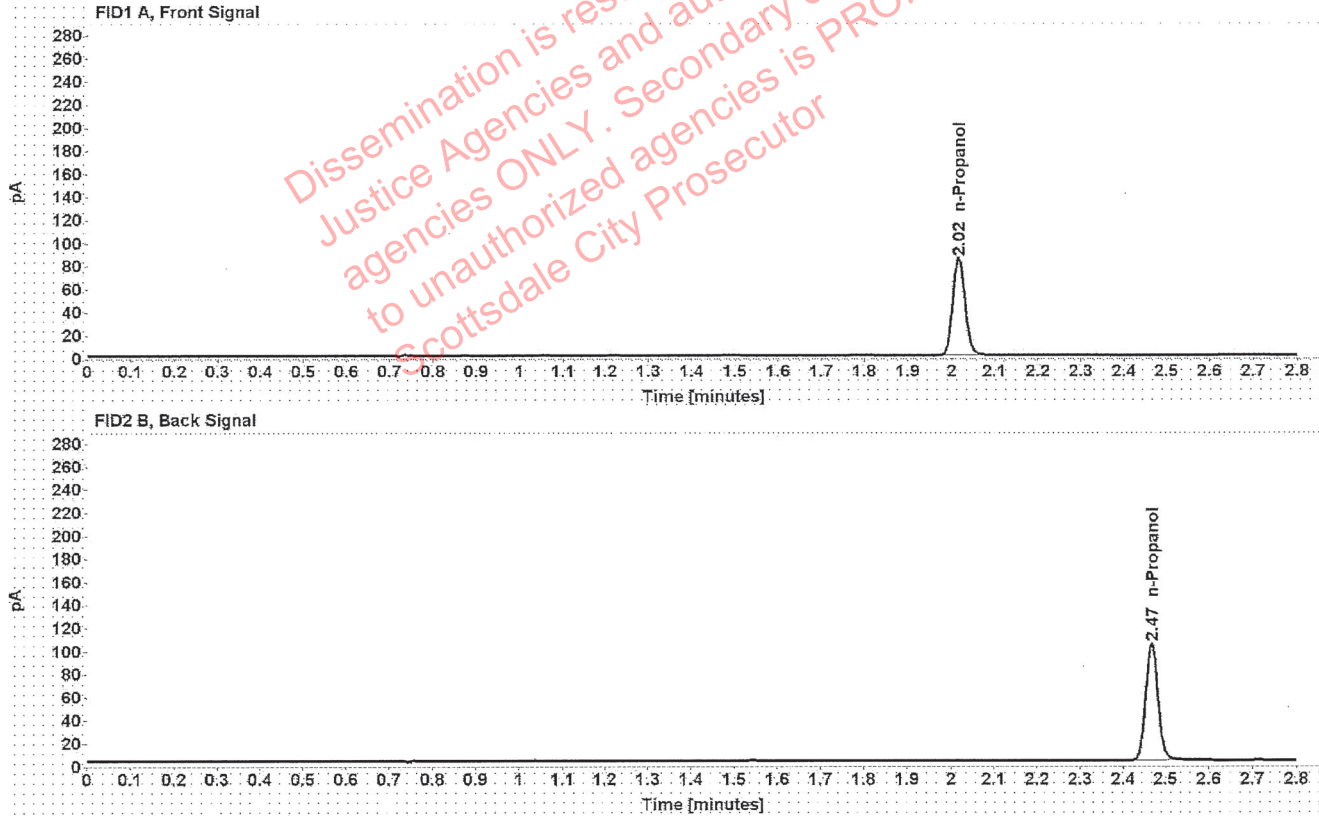


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	168.306

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	206.135

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL122	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 12:16:12 PM
Data file:	C:\Chem32\1\Data\18May21\30.D	Analyst:	Brooke

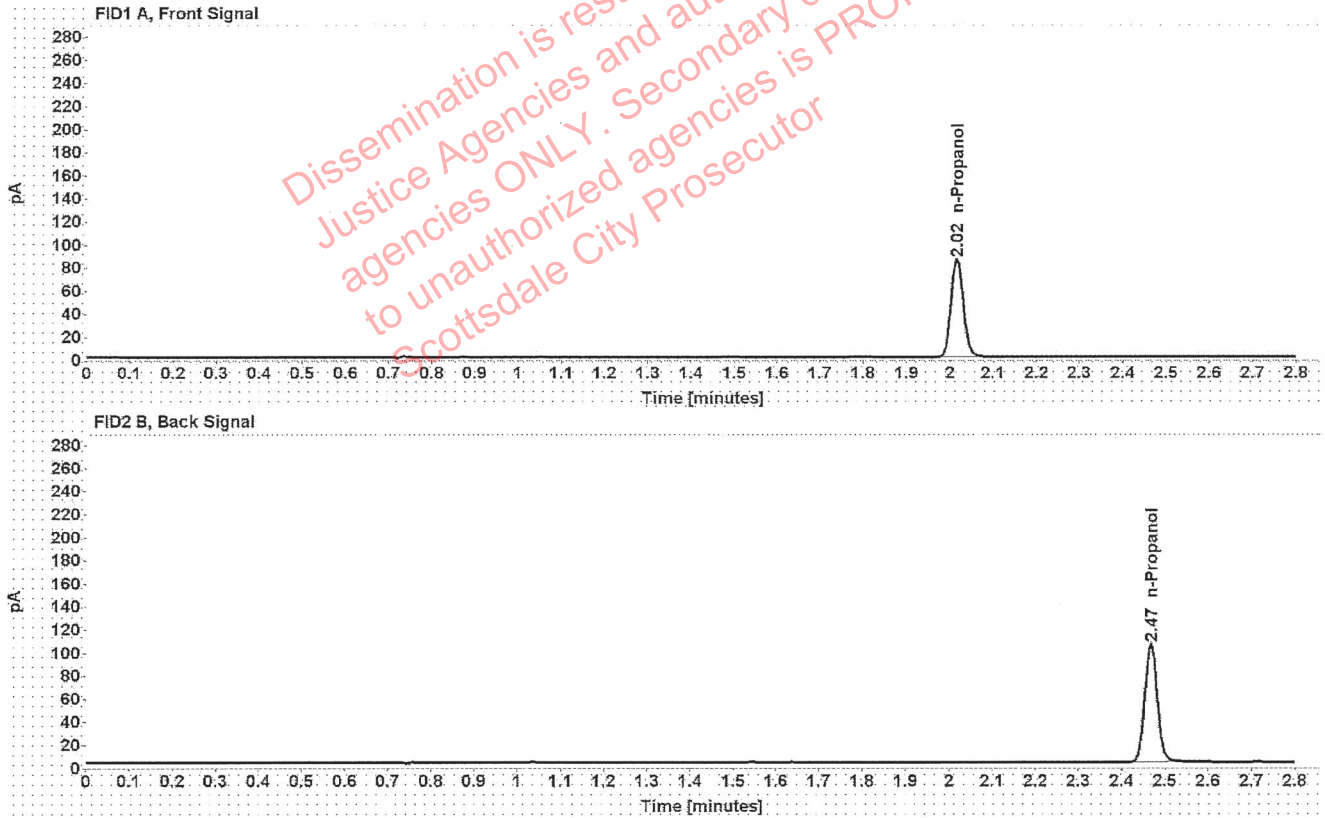


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	170.057

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	208.583

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

Case: [REDACTED] User: pbrooke 5/18/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL172	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 12:24:26 PM
Data file:	C:\Chem32\1\Data\18May21\32.D	Analyst:	Brooke

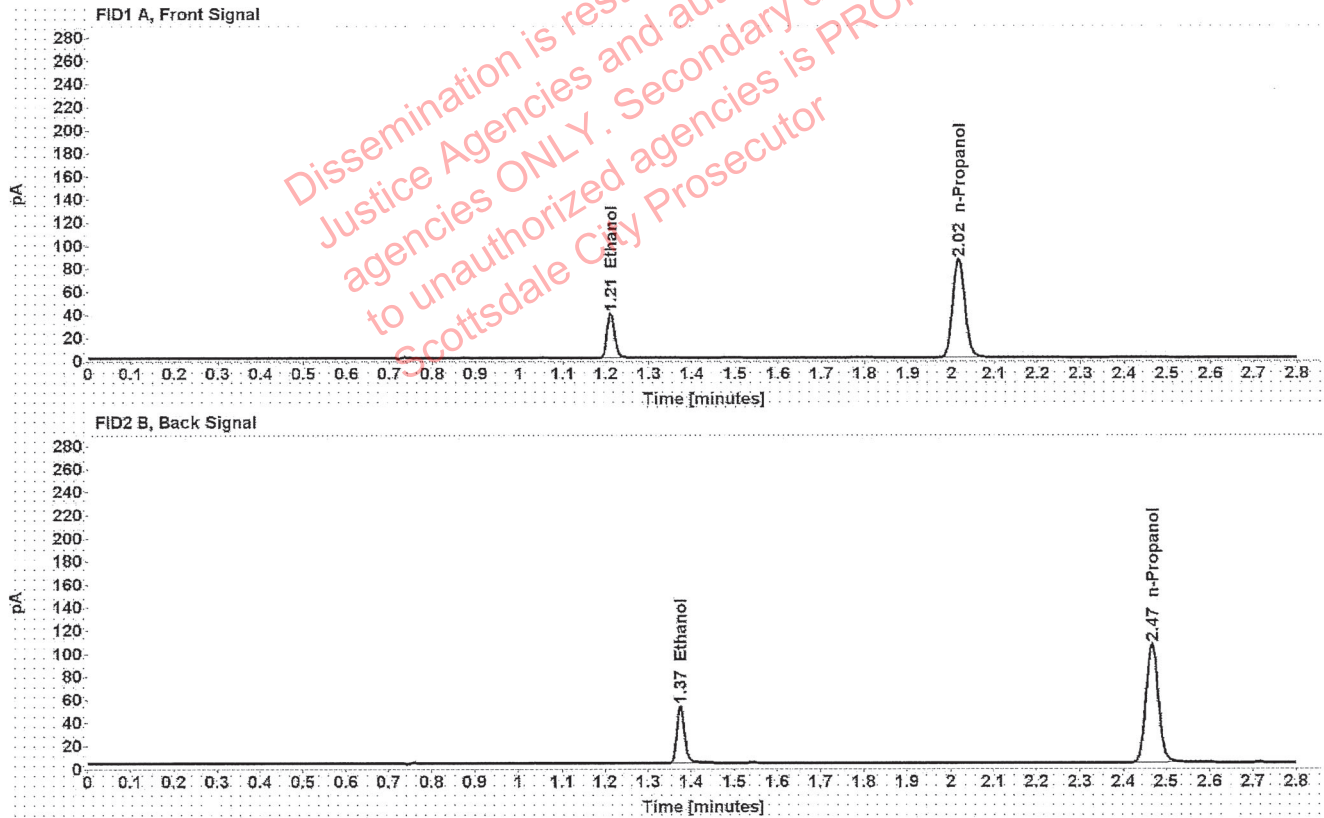


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0801	1.211	49.983
n-Propanol	-----	2.016	170.669

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

Compound	Time (min)	Peak Area
Ethanol	1.375	61.827
n-Propanol	2.467	209.275

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL172	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 12:28:26 PM
Data file:	C:\Chem32\1\Data\18May21\33.D	Analyst:	Brooke

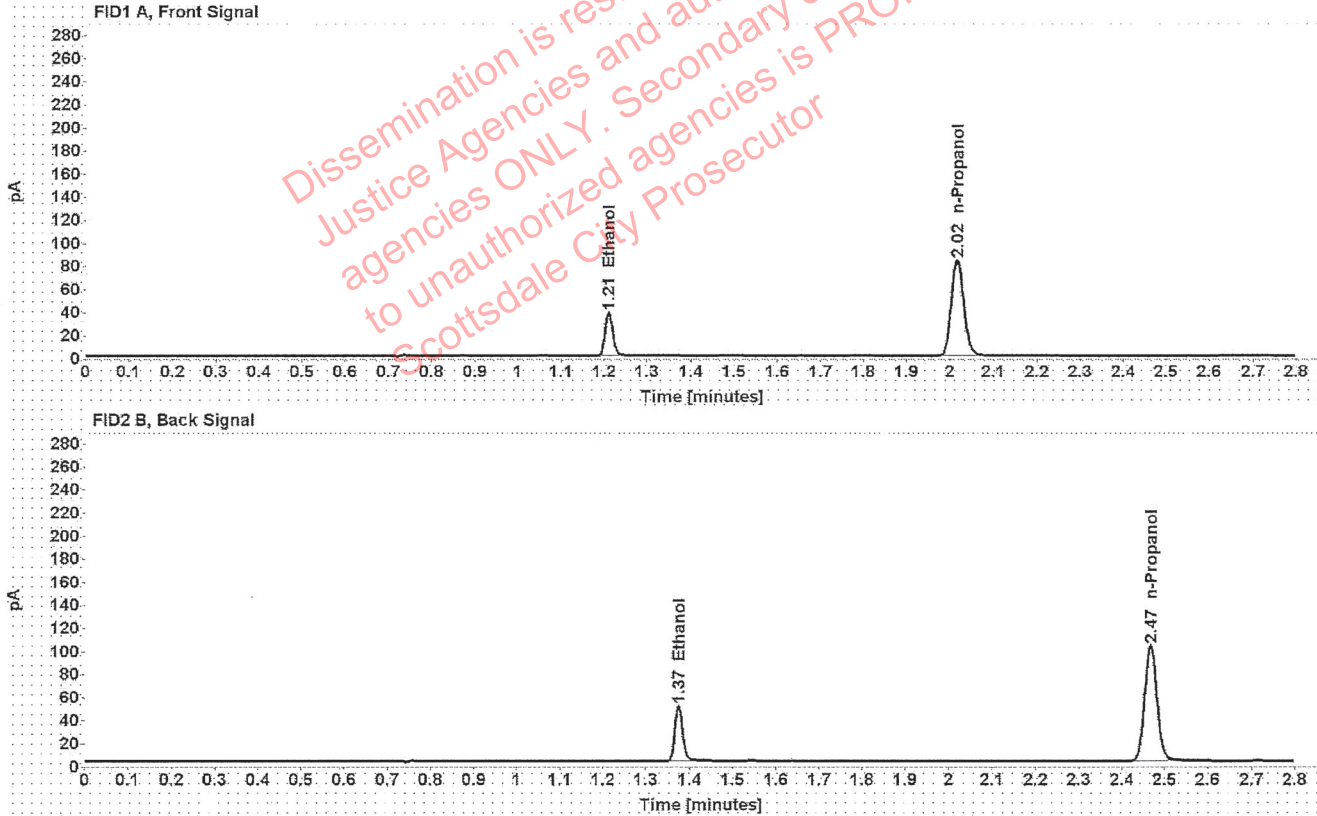


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0793	1.211	48.177
n-Propanol	-----	2.016	166.173

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

Compound	Time (min)	Peak Area
Ethanol	1.375	59.518
n-Propanol	2.467	203.914

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL272	Vial:	34
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 12:32:26 PM
Data file:	C:\Chem32\1\Data\18May21\34.D	Analyst:	Brooke

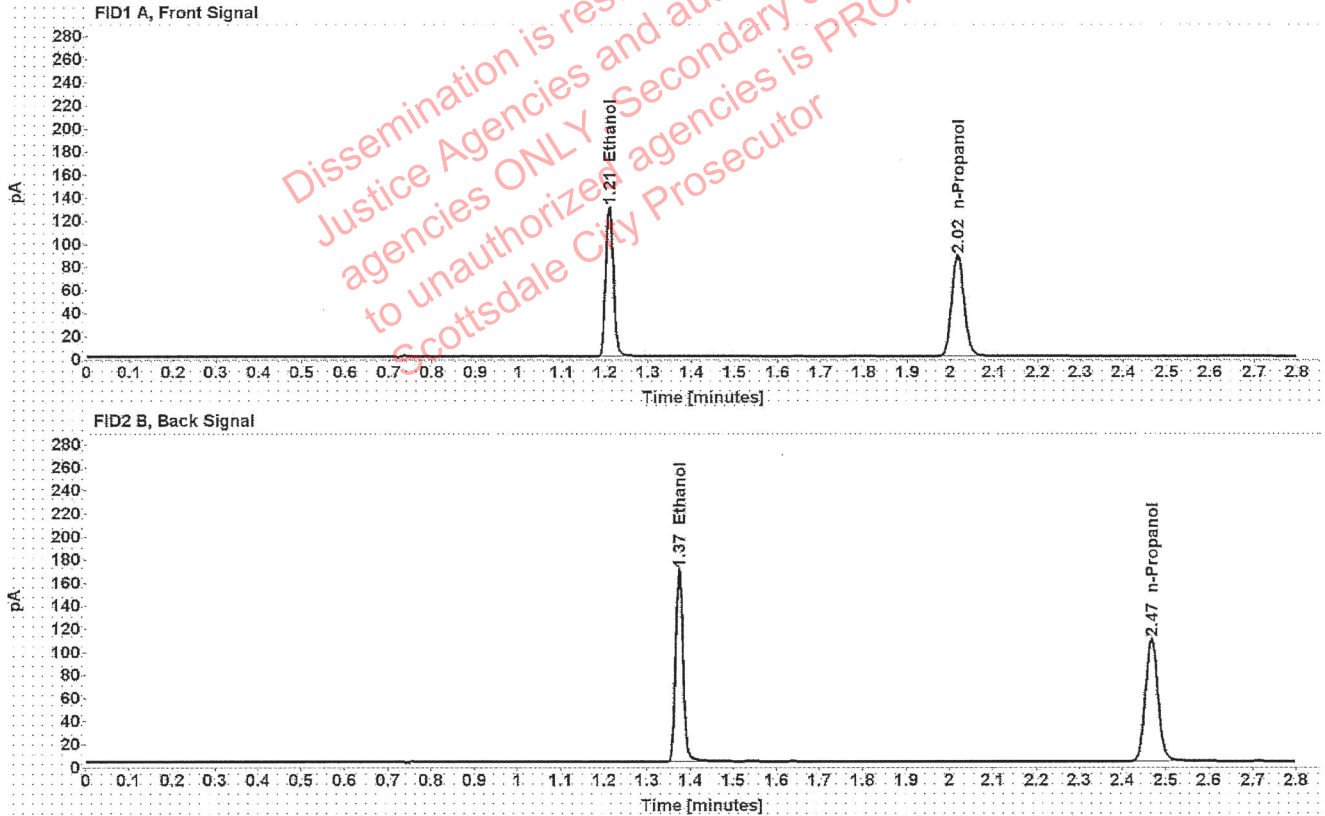


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2563	1.210	166.023
n-Propanol	-----	2.016	175.375

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

Compound	Time (min)	Peak Area
Ethanol	1.374	206.856
n-Propanol	2.467	215.651

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL272	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 12:36:27 PM
Data file:	C:\Chem32\1\Data\18May21\35.D	Analyst:	Brooke

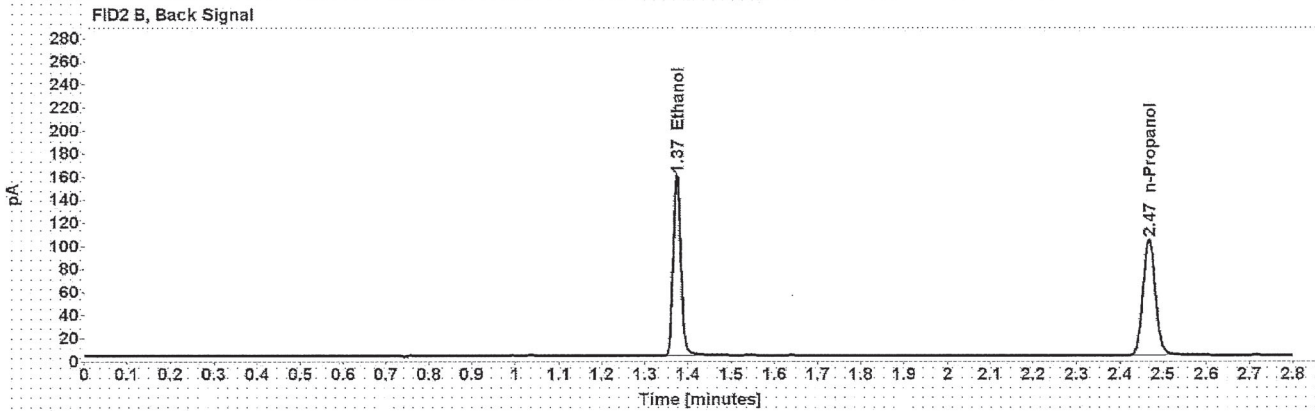
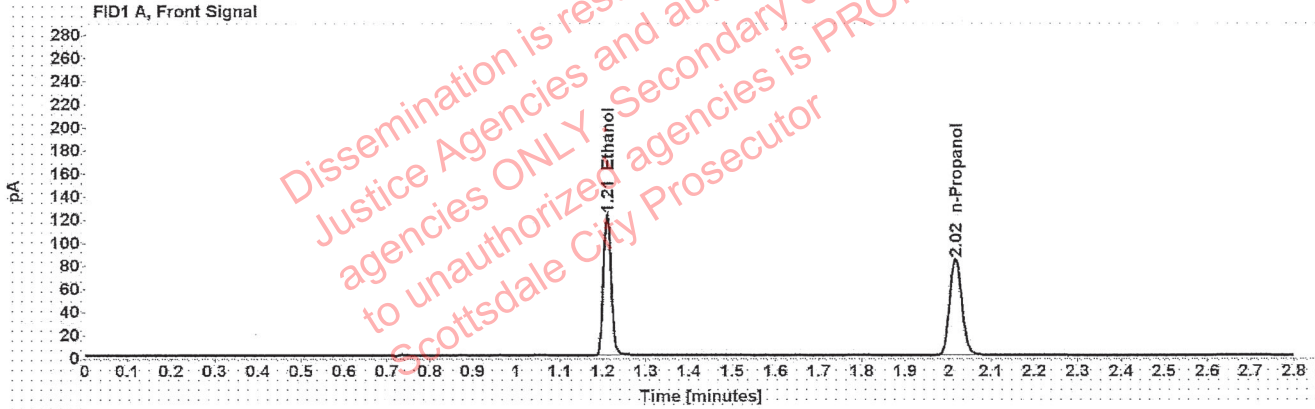


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2534	1.210	156.275
n-Propanol	-----	2.016	166.992

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

Compound	Time (min)	Peak Area
Ethanol	1.374	194.469
n-Propanol	2.467	205.135

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372266	Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 12:40:27 PM
Data file:	C:\Chem32\1\Data\18May21\36.D	Analyst:	Brooke

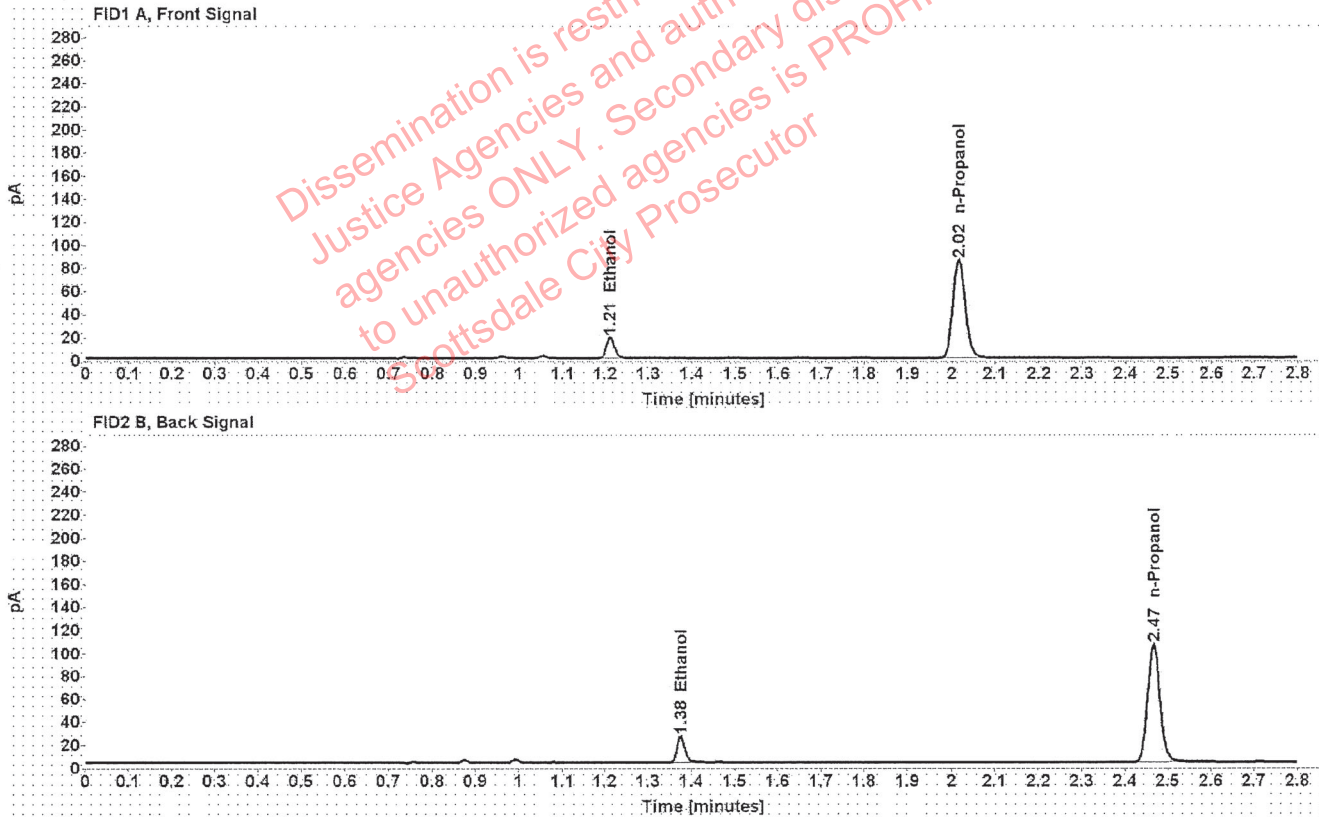


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0379	1.212	23.177
n-Propanol	-----	2.016	169.972

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

Compound	Time (min)	Peak Area
Ethanol	1.375	29.020
n-Propanol	2.467	208.710

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372266	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 12:44:42 PM
Data file:	C:\Chem32\1\Data\18May21\37.D	Analyst:	Brooke

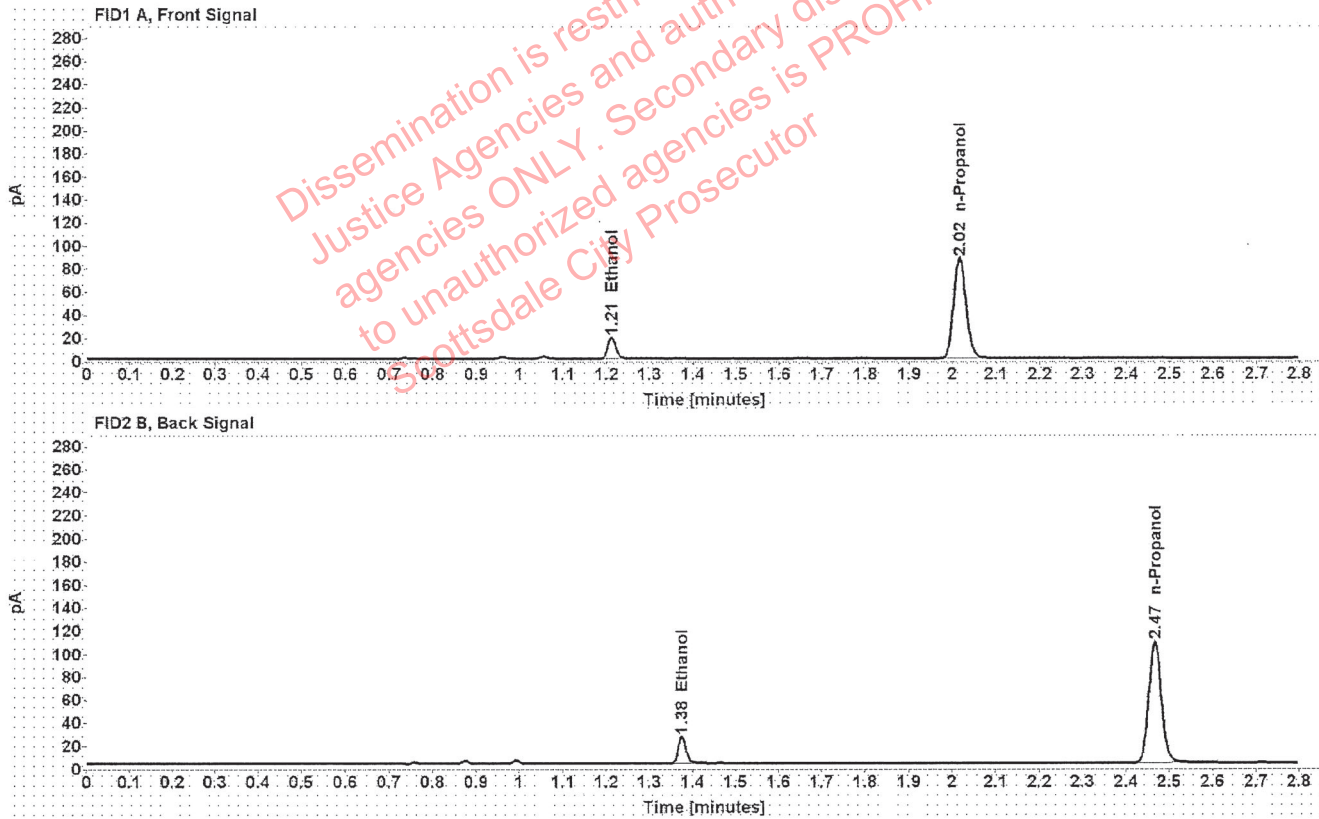


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0378	1.212	23.749
n-Propanol	-----	2.016	174.308

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

Compound	Time (min)	Peak Area
Ethanol	1.375	29.787
n-Propanol	2.467	213.961

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1372547	Vial: 38
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 18May21
Instrument: US14173023 CN14160045	Injection date: 5/18/2021 12:48:42 PM
Data file: C:\Chem32\1\Data\18May21\38.D	Analyst: Brooke

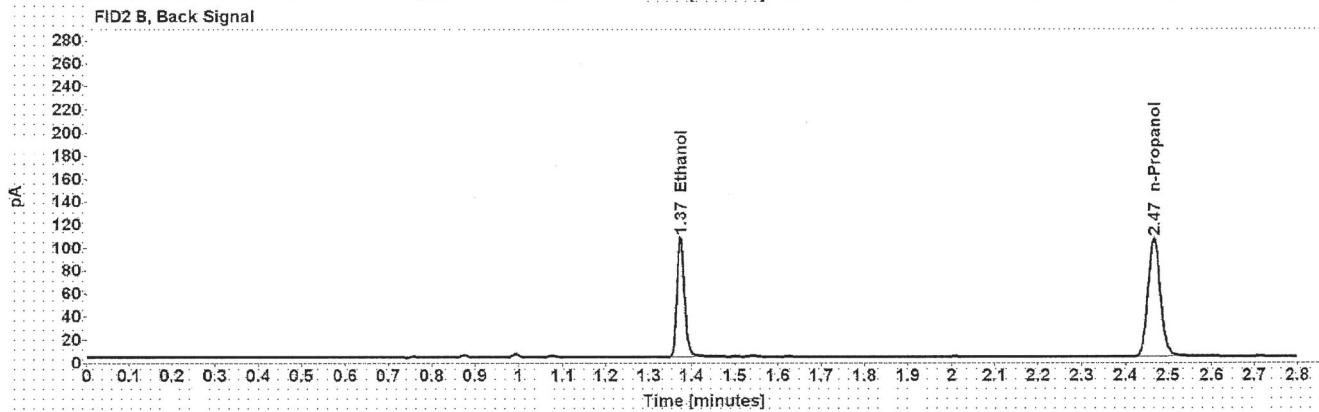
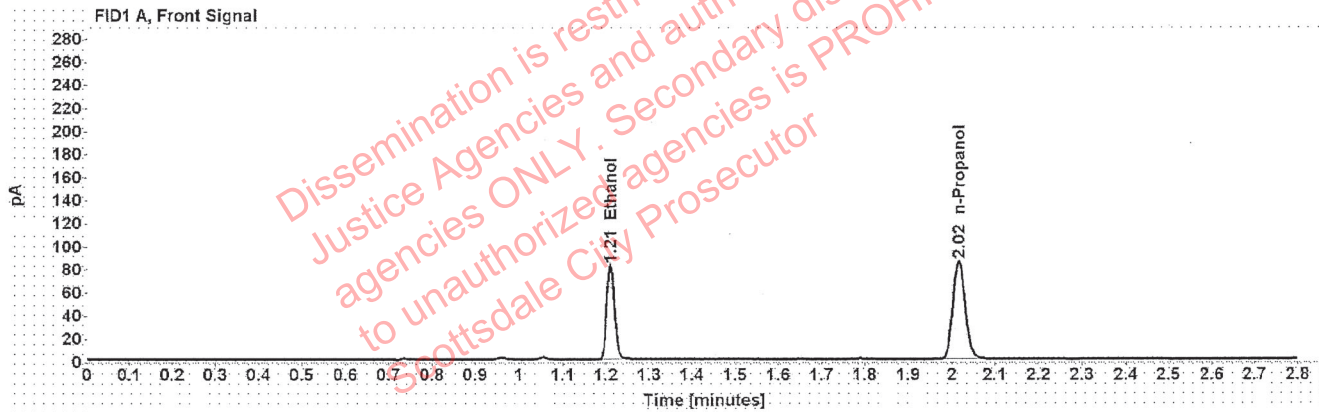


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1667	1.210	104.464
n-Propanol	-----	2.016	170.100

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

Compound	Time (min)	Peak Area
Ethanol	1.374	129.541
n-Propanol	2.467	208.571

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372547	Vial:	39
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 12:52:41 PM
Data file:	C:\Chem32\1\Data\18May21\39.D	Analyst:	Brooke

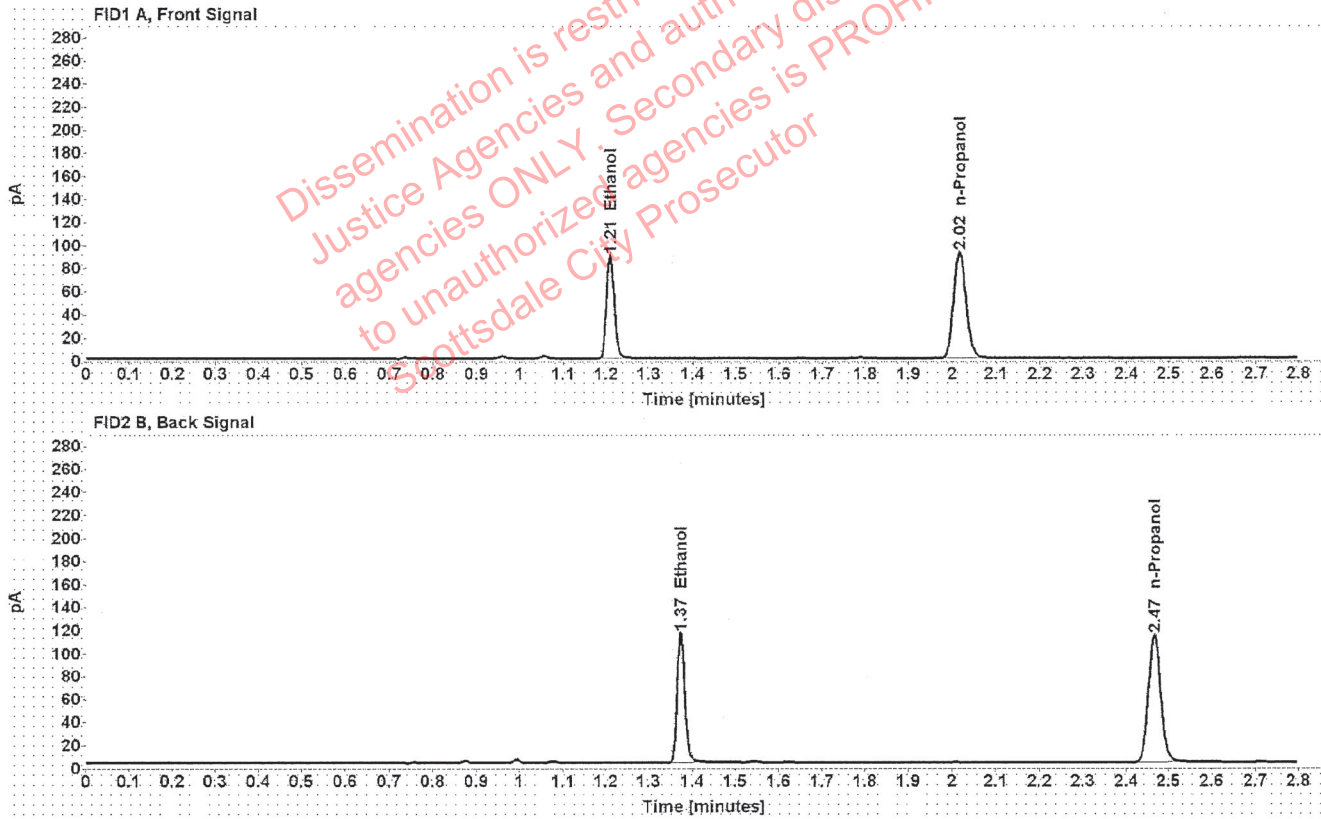


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1677	1.210	113.224
n-Propanol	-----	2.016	183.261

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

Compound	Time (min)	Peak Area
Ethanol	1.374	140.491
n-Propanol	2.467	224.816

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372242	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 12:56:42 PM
Data file:	C:\Chem32\1\Data\18May21\40.D	Analyst:	Brooke

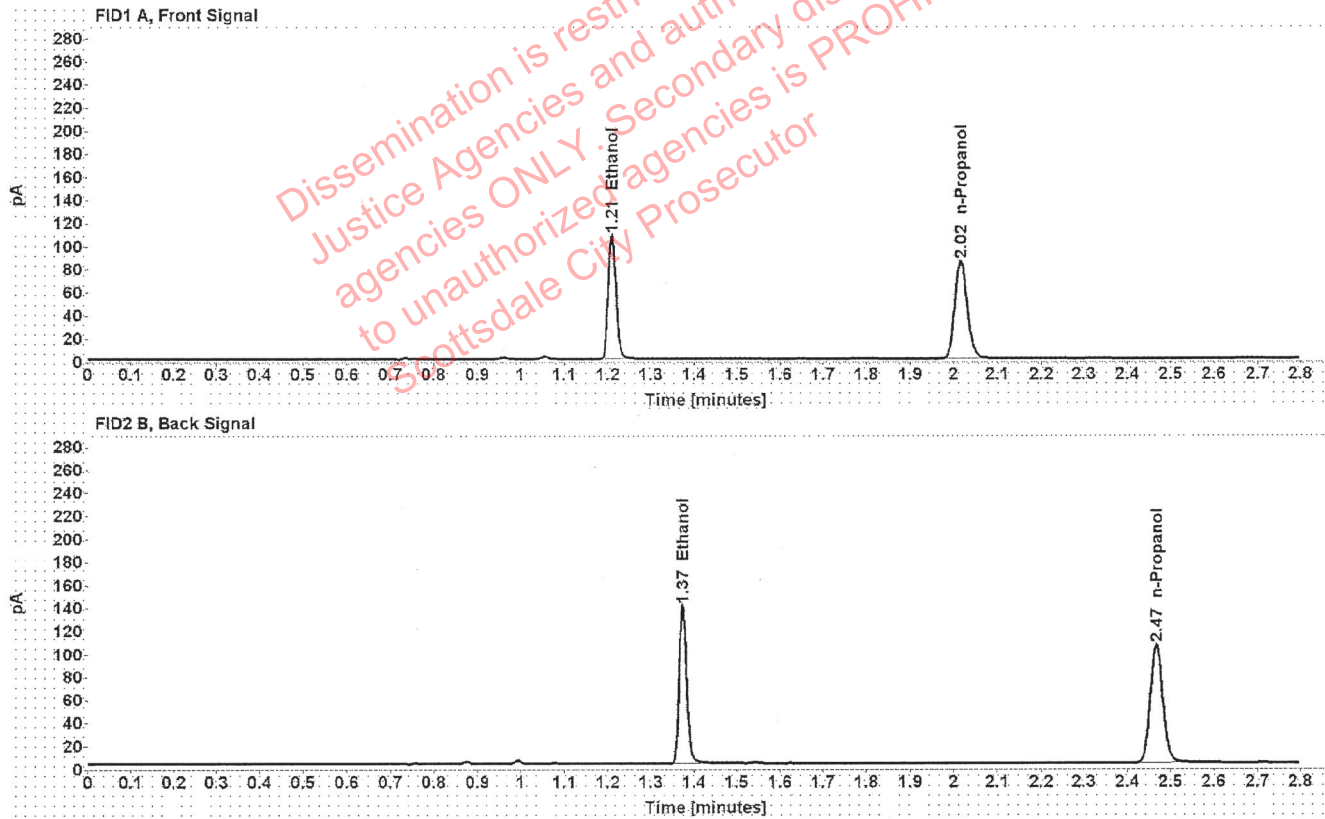


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2184	1.210	137.056
n-Propanol	-----	2.016	170.035

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

Compound	Time (min)	Peak Area
Ethanol	1.374	170.648
n-Propanol	2.467	208.759

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372242	Vial:	41
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 1:00:42 PM
Data file:	C:\Chem32\1\Data\18May21\41.D	Analyst:	Brooke

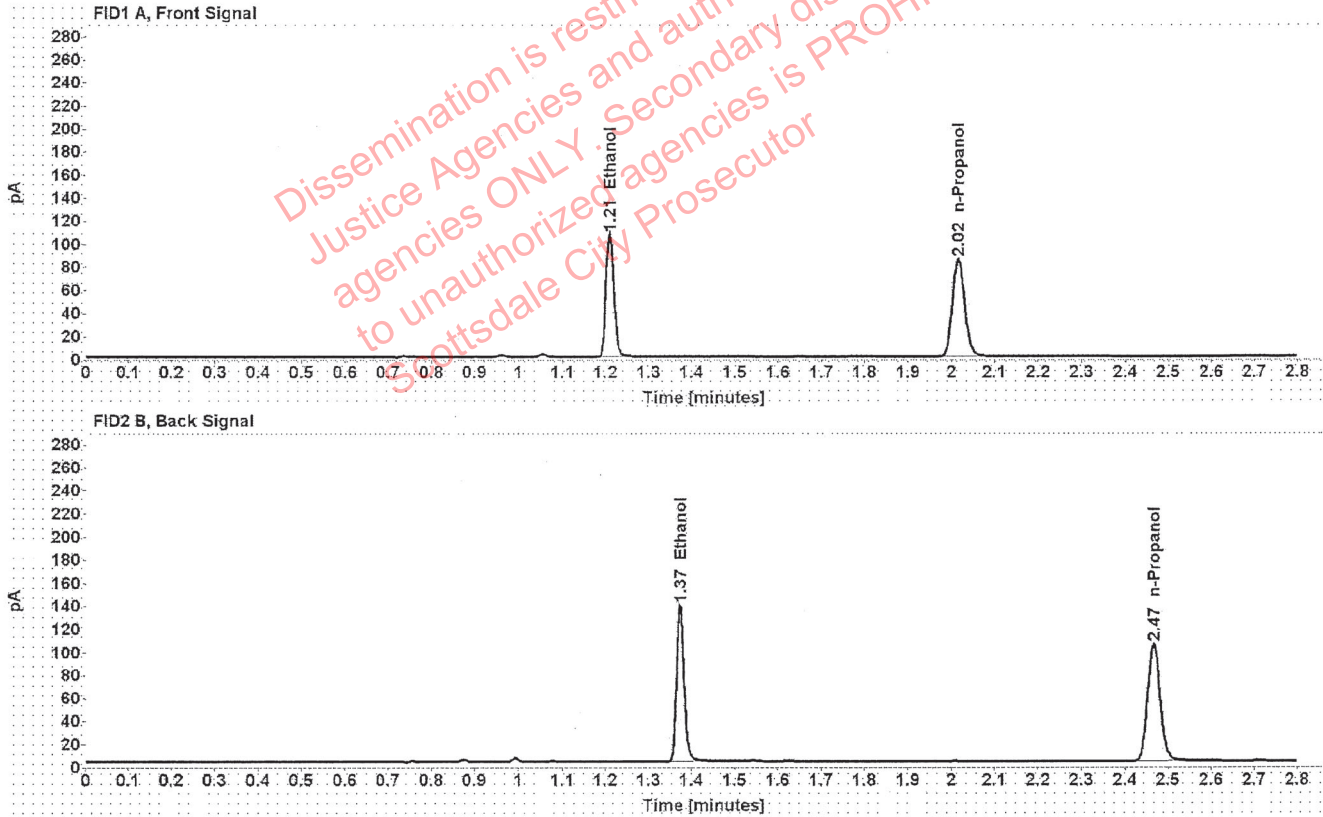


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2185	1.210	136.263
n-Propanol	-----	2.016	168.997

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

Compound	Time (min)	Peak Area
Ethanol	1.374	169.274
n-Propanol	2.467	207.640

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371951	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 1:08:56 PM
Data file:	C:\Chem32\1\Data\18May21\43.D	Analyst:	Brooke

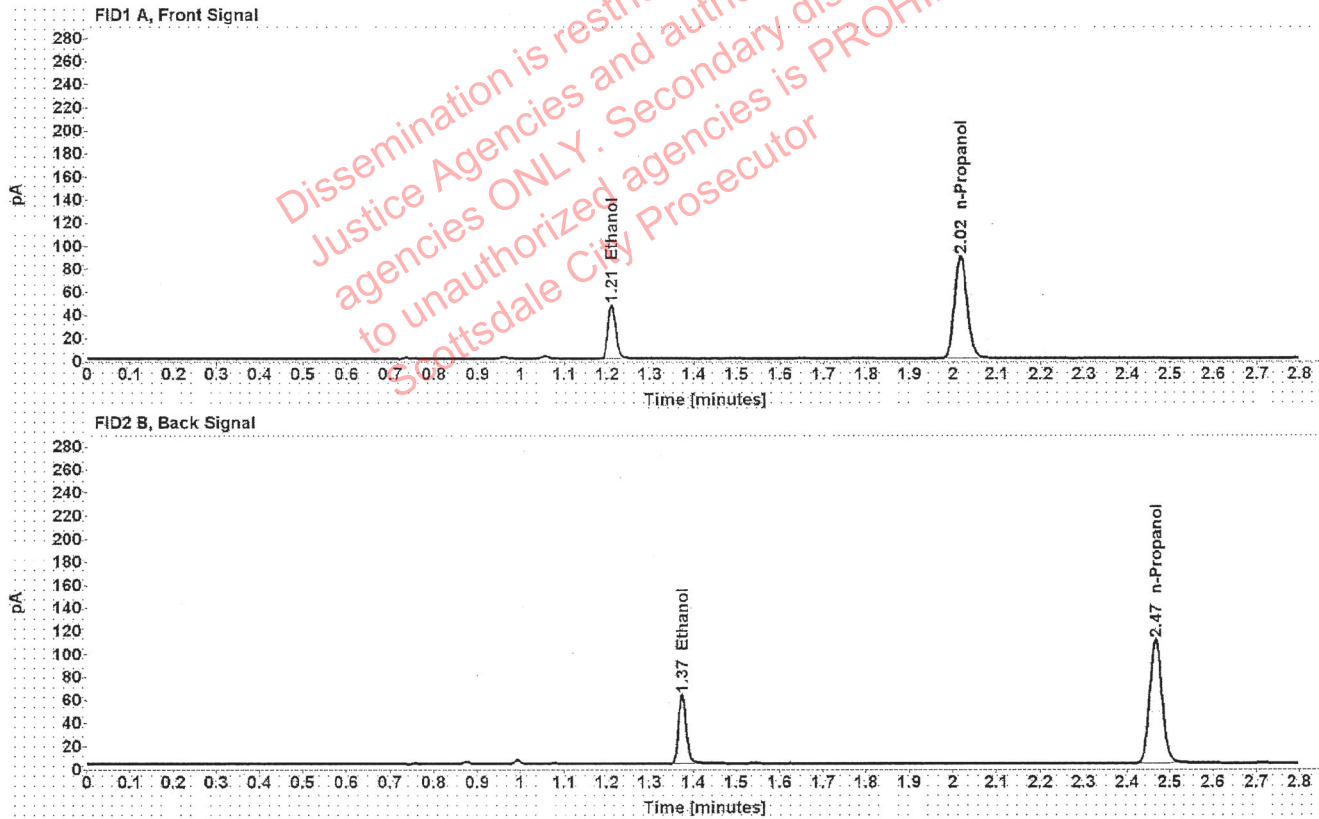


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0923	1.211	60.169
n-Propanol	-----	2.016	177.834

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

Compound	Time (min)	Peak Area
Ethanol	1.374	74.176
n-Propanol	2.467	218.212

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371951	Vial:	44
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 1:12:57 PM
Data file:	C:\Chem32\1\Data\18May21\44.D	Analyst:	Brooke

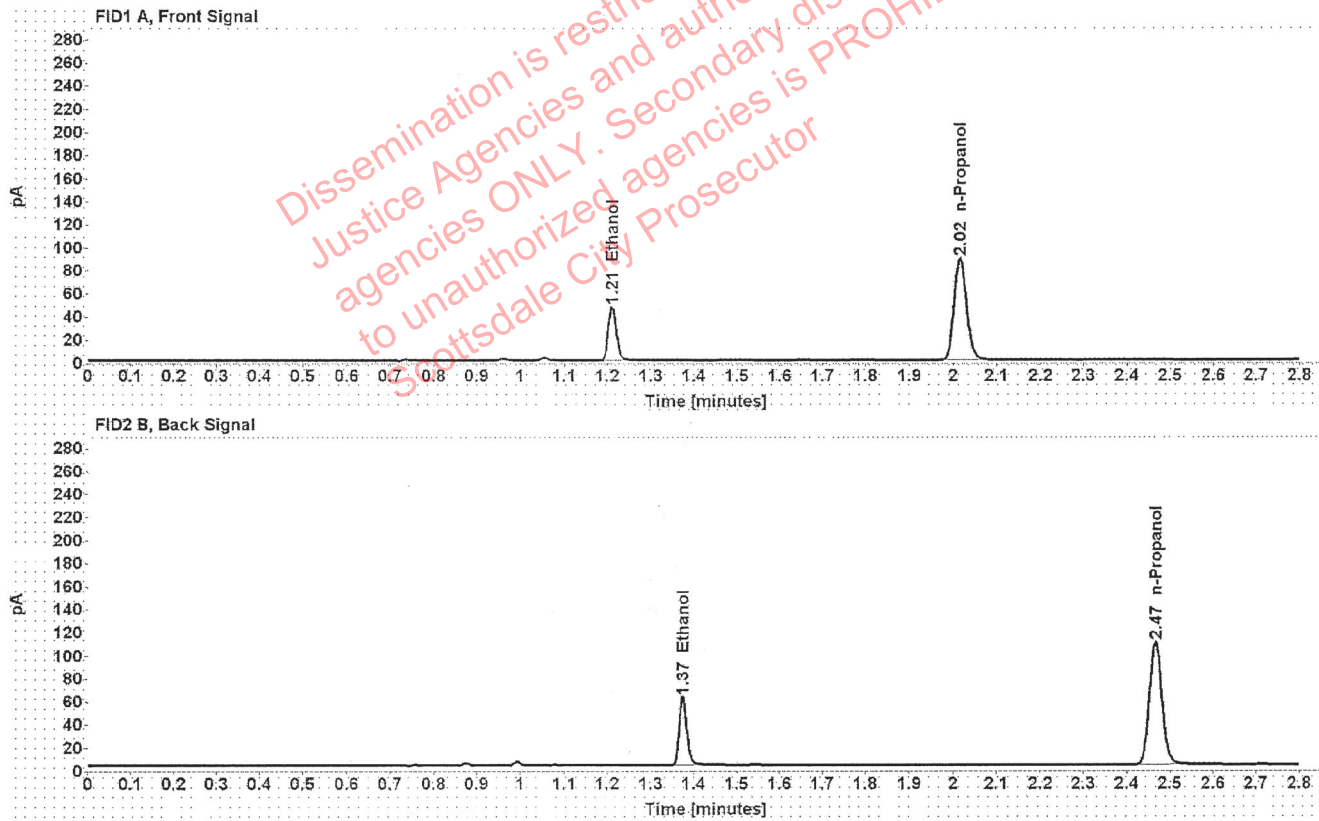


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0923	1.211	59.761
n-Propanol	-----	2.016	176.713

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

Compound	Time (min)	Peak Area
Ethanol	1.374	73.755
n-Propanol	2.467	216.917

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372758	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 1:16:57 PM
Data file:	C:\Chem32\1\Data\18May21\45.D	Analyst:	Brooke

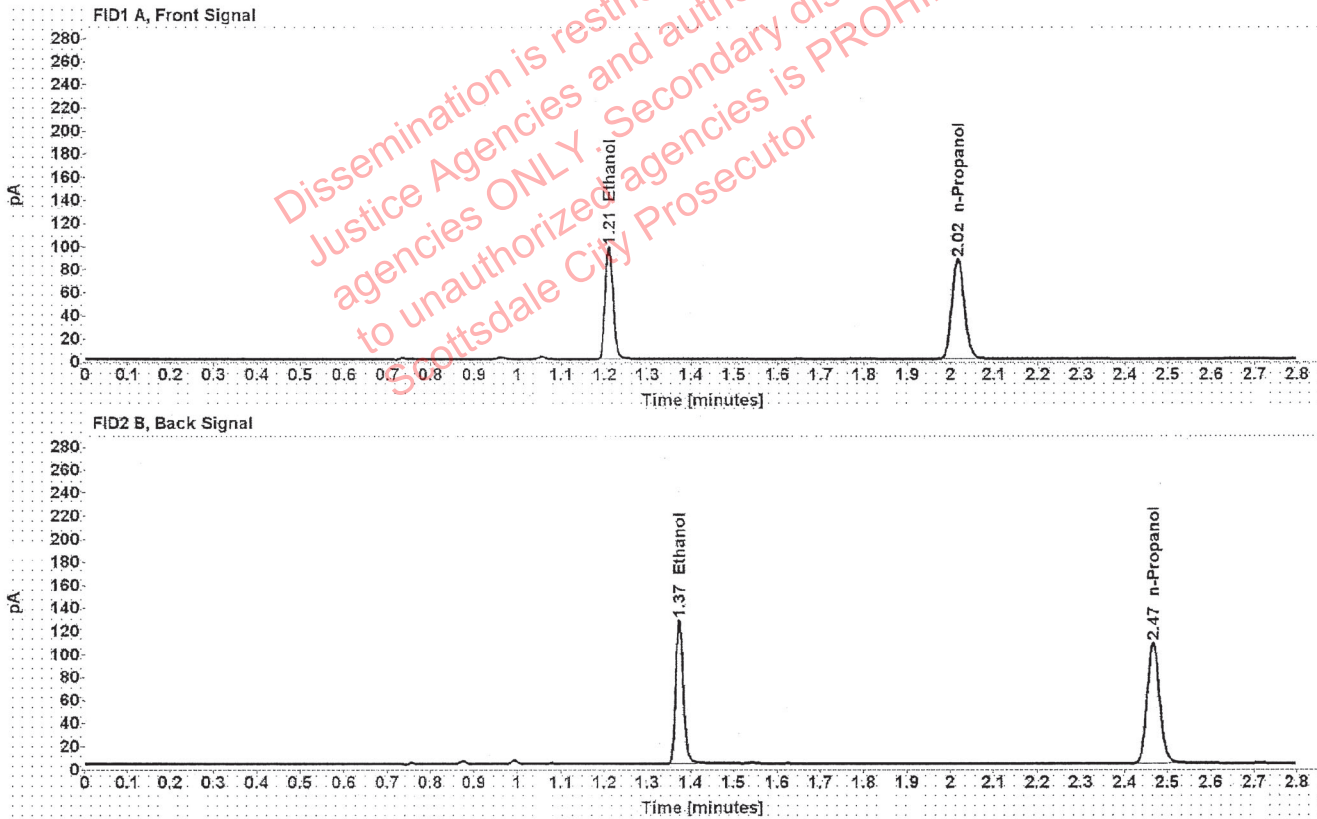


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1949	1.210	125.032
n-Propanol	-----	2.016	173.984

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

Compound	Time (min)	Peak Area
Ethanol	1.374	155.743
n-Propanol	2.467	213.672

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372758	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 1:20:57 PM
Data file:	C:\Chem32\1\Data\18May21\46.D	Analyst:	Brooke

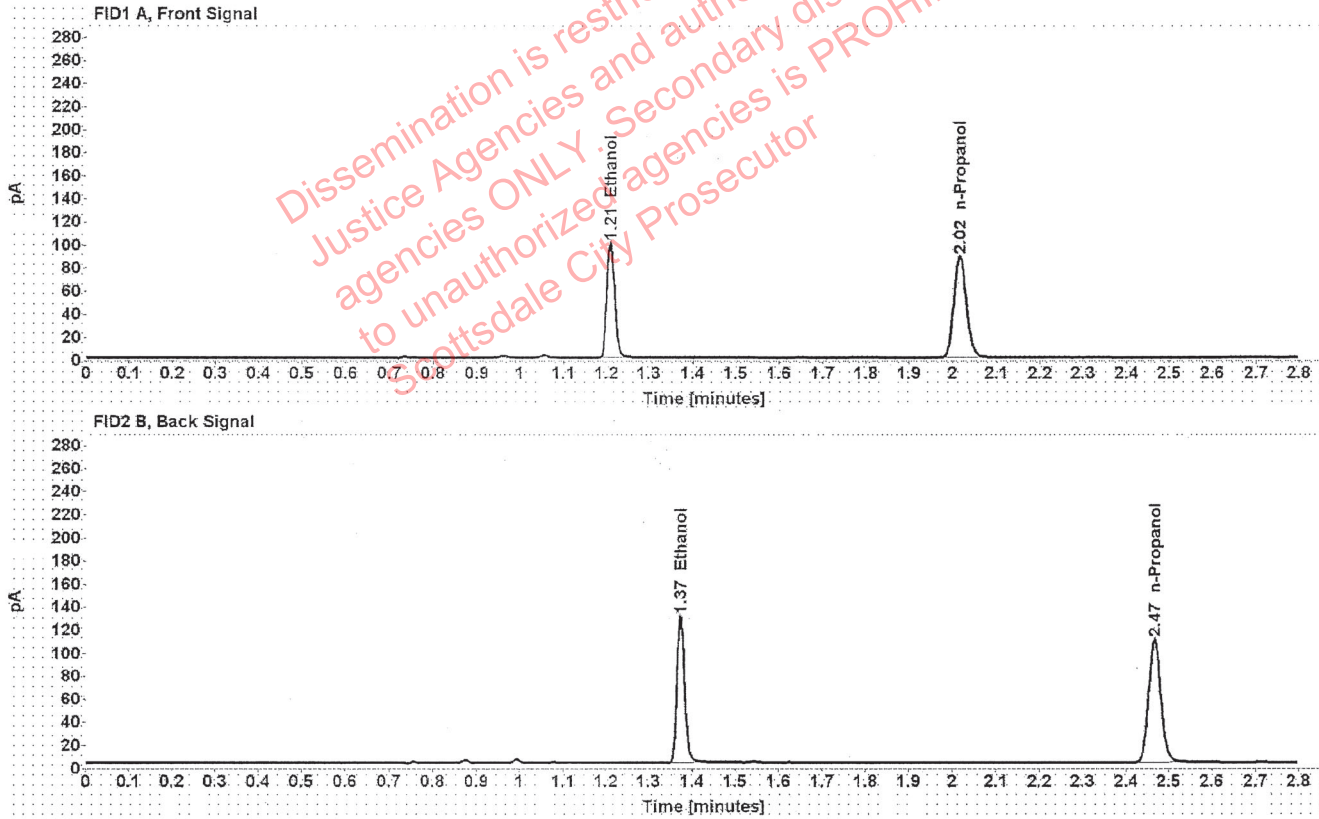


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1958	1.210	127.548
n-Propanol	-----	2.016	176.611

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.996
n-Propanol	2.467	217.087

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372589	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 1:24:57 PM
Data file:	C:\Chem32\1\Data\18May21\47.D	Analyst:	Brooke

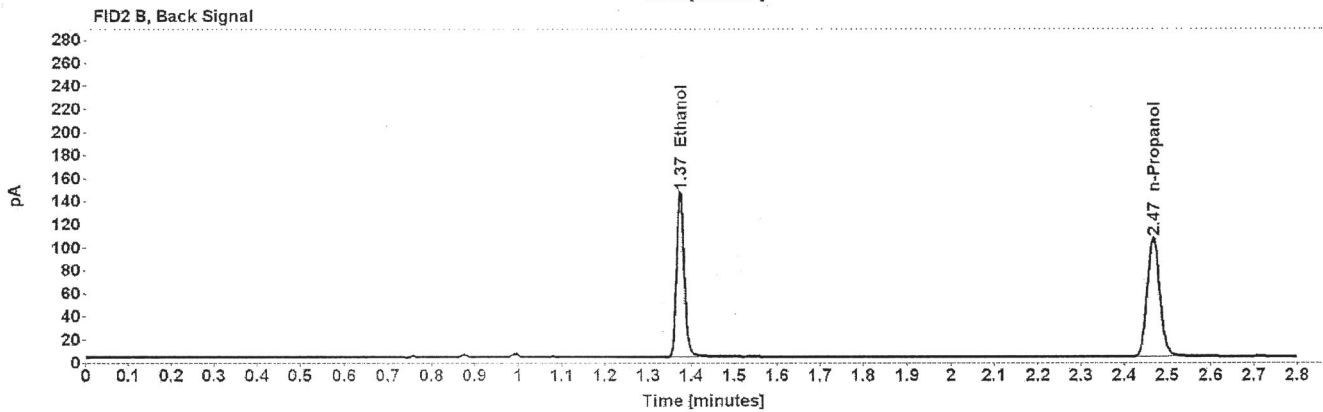
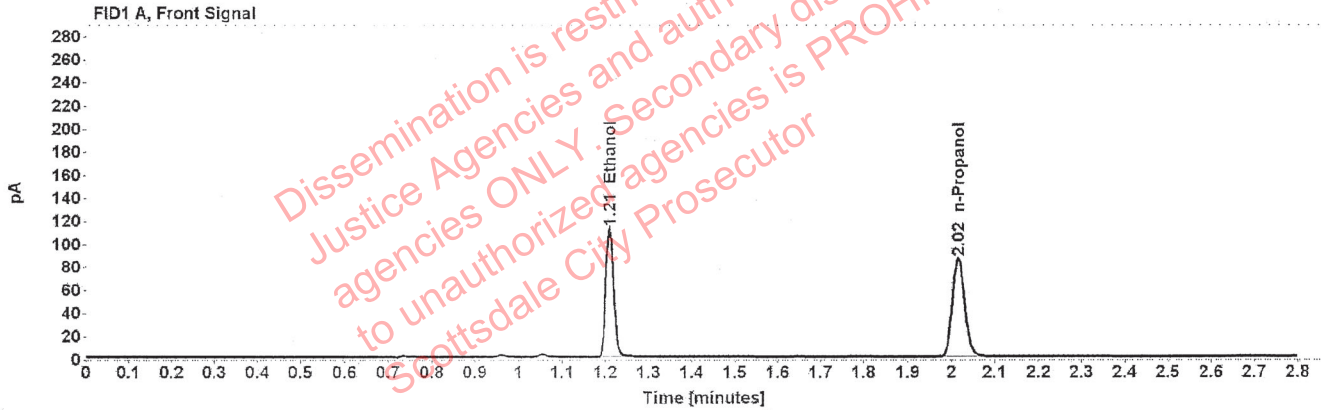


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2266	1.210	142.677
n-Propanol	-----	2.016	170.565

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

Compound	Time (min)	Peak Area
Ethanol	1.374	177.669
n-Propanol	2.467	209.635

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372589	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 1:28:57 PM
Data file:	C:\Chem32\1\Data\18May21\48.D	Analyst:	Brooke

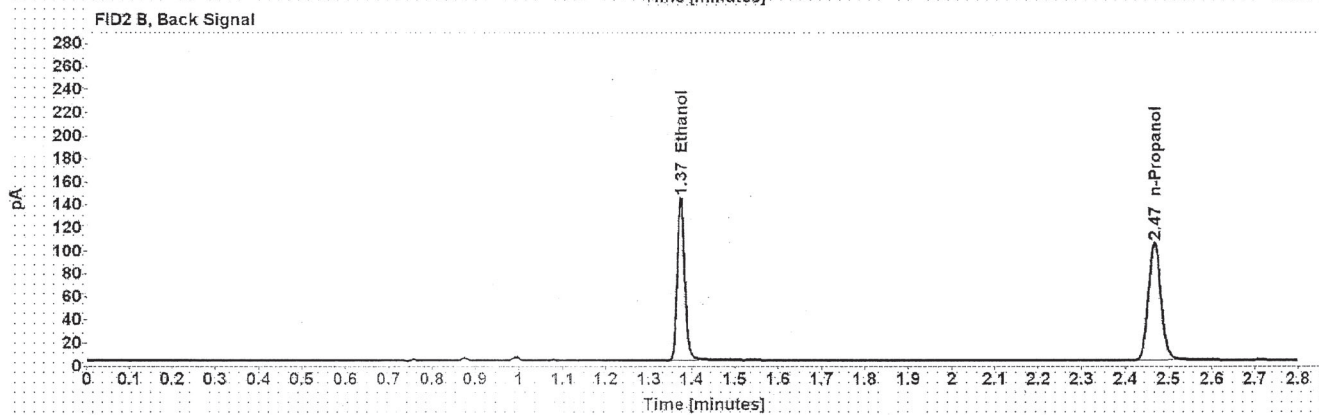
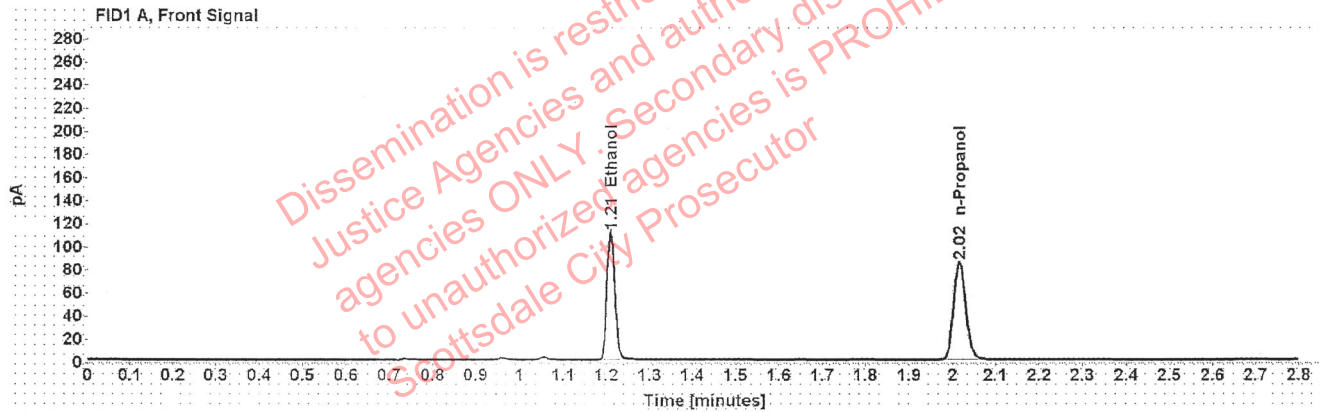


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2253	1.210	141.084
n-Propanol	-----	2.016	169.653

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

Compound	Time (min)	Peak Area
Ethanol	1.374	175.704
n-Propanol	2.467	208.461

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372619	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 1:33:11 PM
Data file:	C:\Chem32\1\Data\18May21\49.D	Analyst:	Brooke

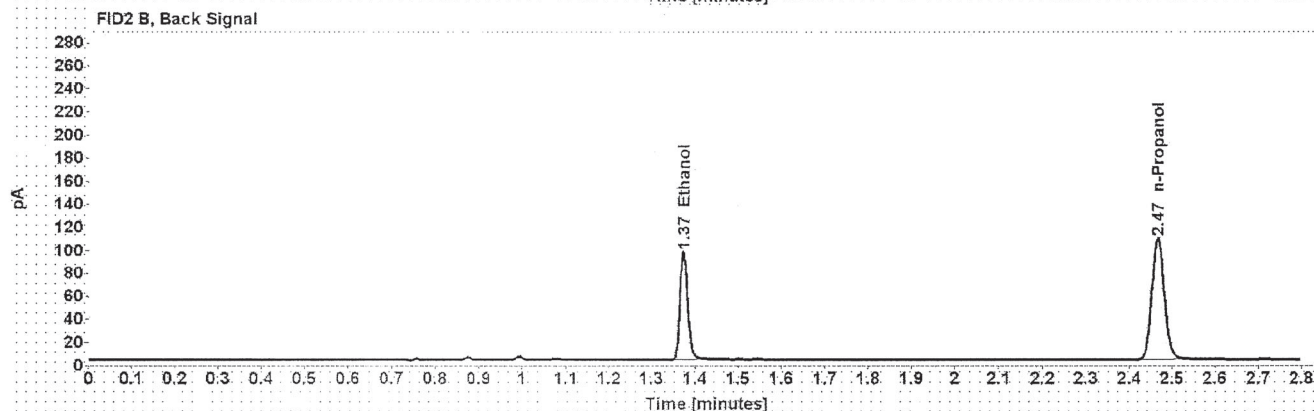
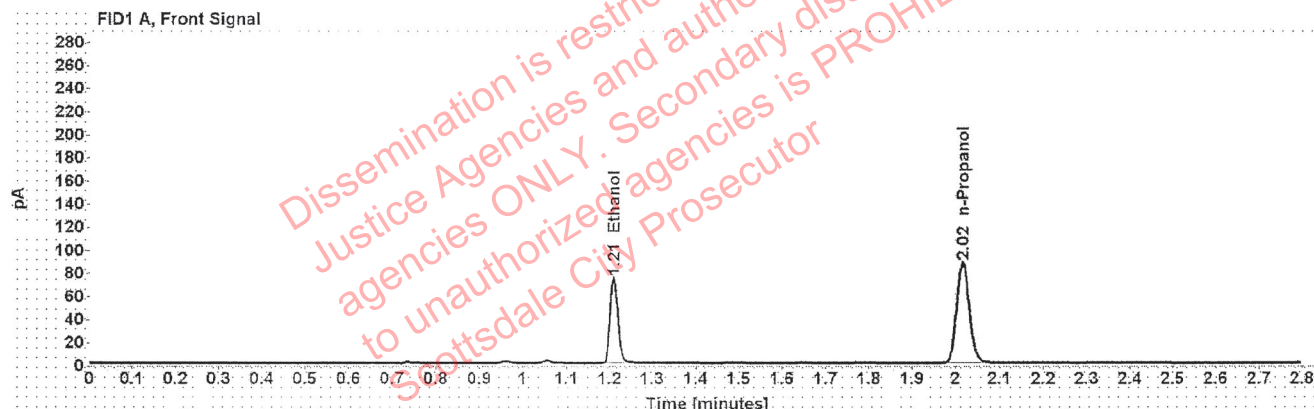


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1471	1.210	94.669
n-Propanol	-----	2.016	174.811

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

Compound	Time (min)	Peak Area
Ethanol	1.374	117.225
n-Propanol	2.467	214.655

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372619	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 1:37:12 PM
Data file:	C:\Chem32\1\Data\18May21\50.D	Analyst:	Brooke

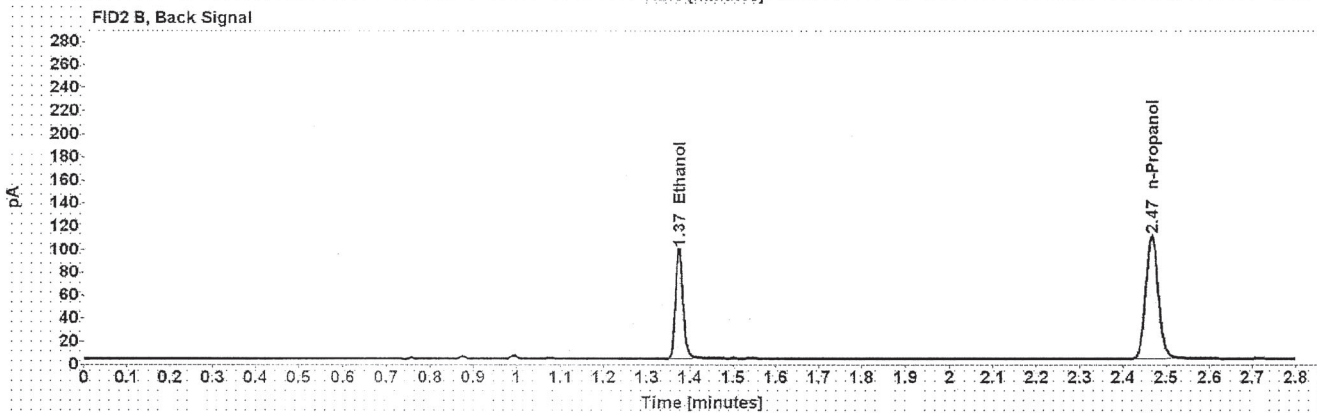
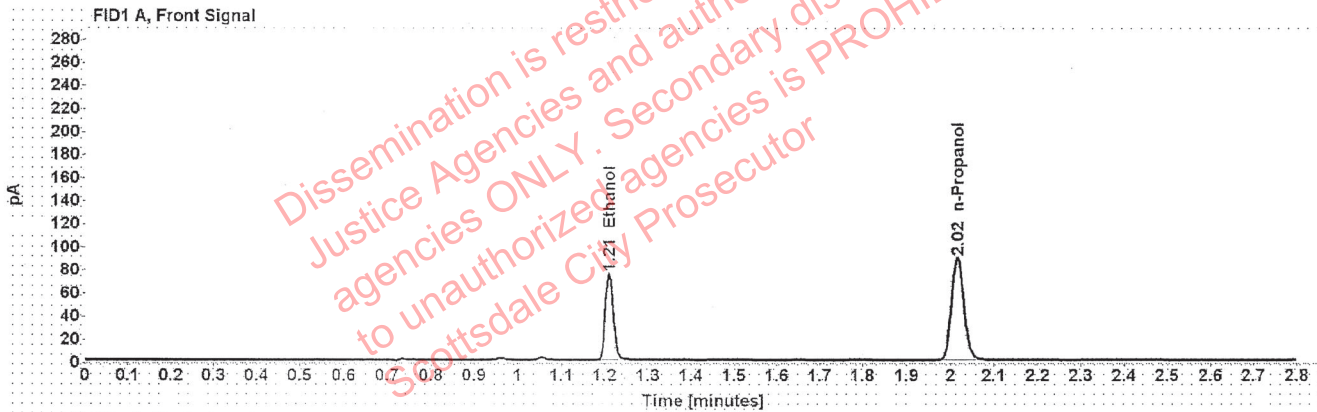


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1472	1.210	96.012
n-Propanol	-----	2.016	177.152

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

Compound	Time (min)	Peak Area
Ethanol	1.374	119.167
n-Propanol	2.467	217.322

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1342056	Vial:	51
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 1:41:12 PM
Data file:	C:\Chem32\1\Data\18May21\51.D	Analyst:	Brooke

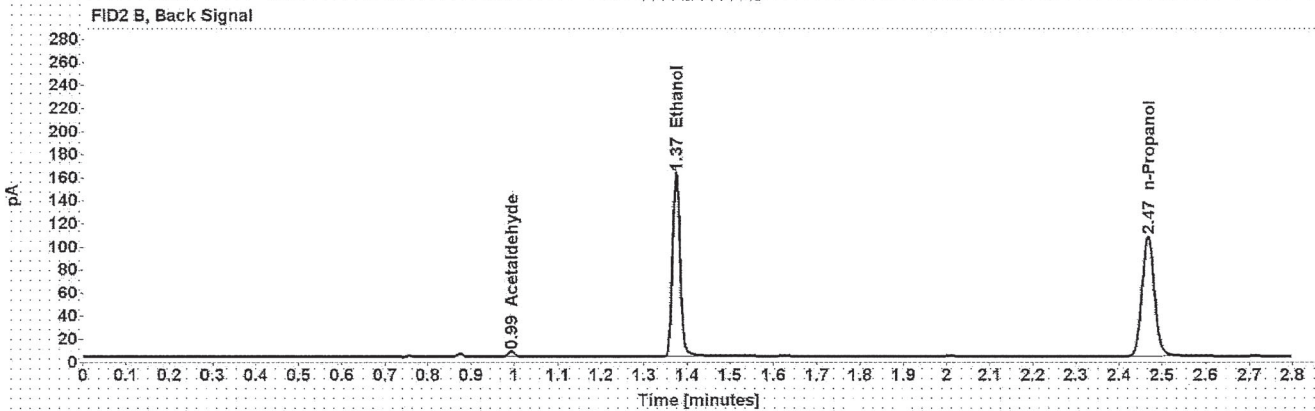
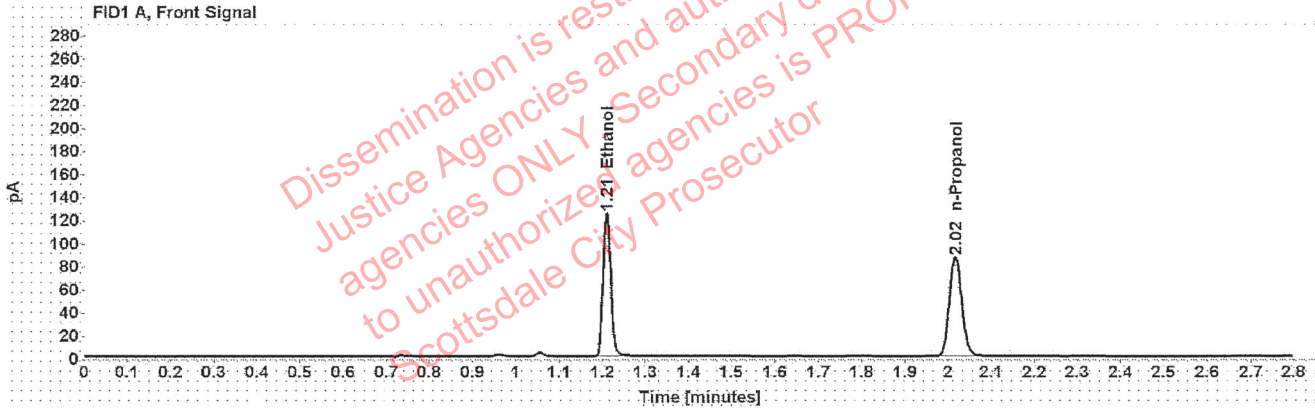


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2495	1.210	158.471
n-Propanol	-----	2.016	171.993

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.451
Ethanol	1.374	198.761
n-Propanol	2.467	211.812

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1342056	Vial:	52
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	18May21
Instrument:	US14173023 CN14160045	Injection date:	5/18/2021 1:45:12 PM
Data file:	C:\Chem32\1\Data\18May21\52.D	Analyst:	Brooke

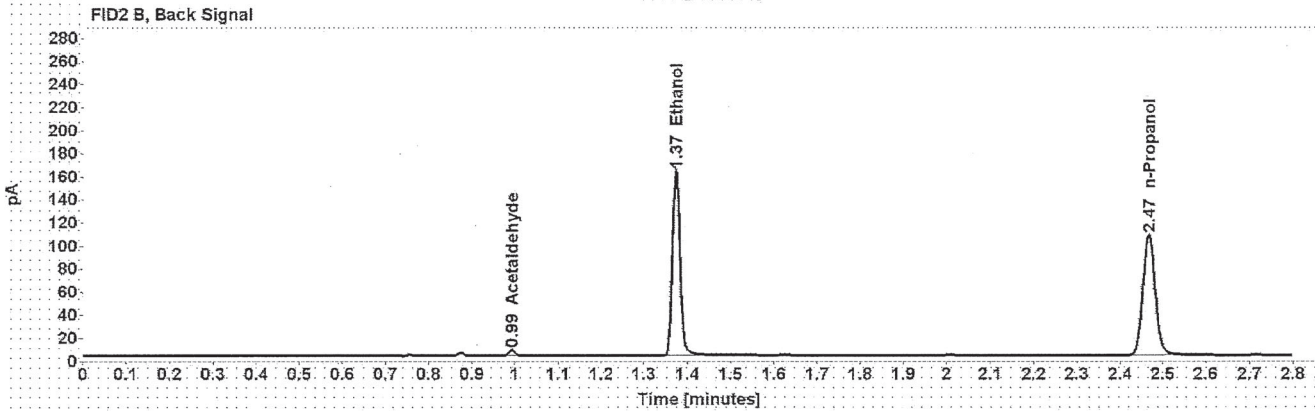
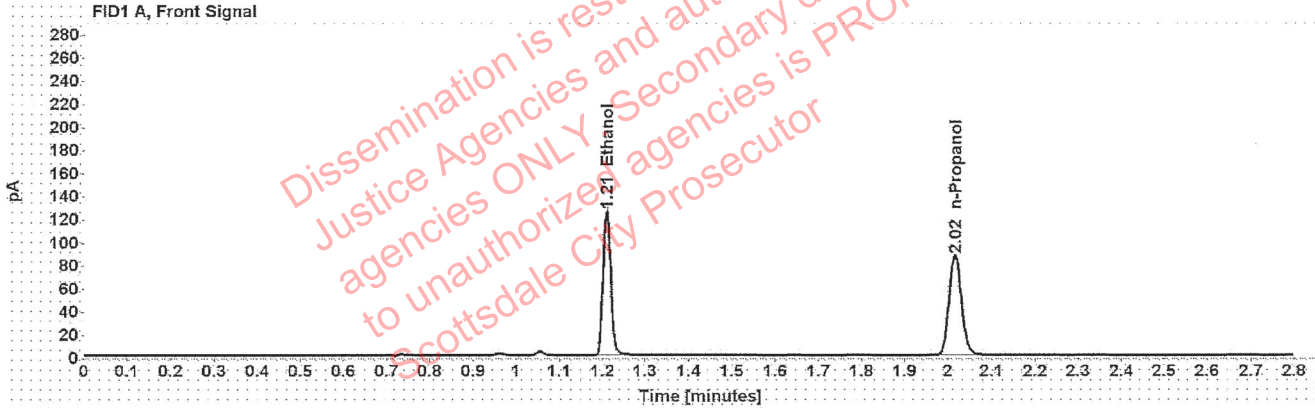


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2498	1.210	159.611
n-Propanol	-----	2.016	173.000

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.531
Ethanol	1.374	200.199
n-Propanol	2.467	213.079