

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 9/21/21 SEQUENCE NAME 21Sep21

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

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

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 071521AQ
6	Volatiles mix	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.200 g/dL	0.201 g/dL	ACQ 4101018274/9
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Blood control	0.200 g/dL	0.204 g/dL	ACQ 4101018274/9
42	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
53	Aqueous control	0.400 g/dL	0.408 g/dL	Lipomed 11092018-A
54	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
55	Blood control	0.200 g/dL	0.204 d/dL	ACQ 4101018274/9
56	Blank	Not detected	Not detected	SPD lab 111020WB

SUBJECT SAMPLES

Subjects in the sequence 20 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Price Brooks Analyst
 Run valid Run invalid Asi Herbst Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

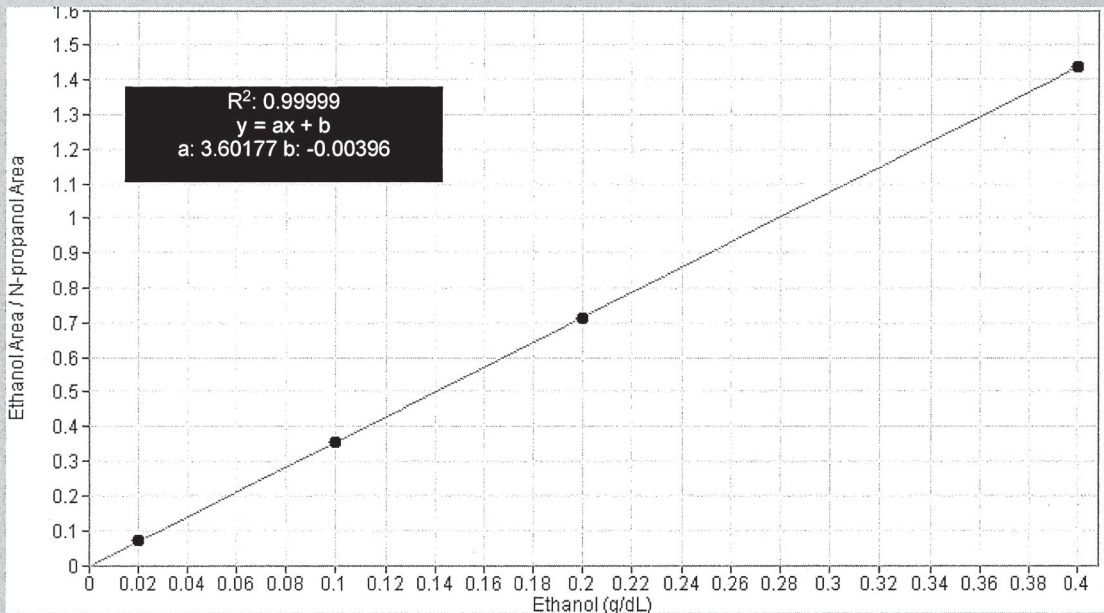
SEQUENCE NAME: 21Sep21

ANALYST: Brooke YB

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 071521AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.400	0.400	0.00	0.000
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.200 4101018274/9	9	0.201	0.200	0.50	0.001
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.200 4101018274/9	31	0.204	0.200	2.00	0.004
0.080 20012020-B	42	0.080	0.080	0.00	0.000
0.400 11092018-A	53	0.408	0.400	2.00	0.008
0.040 14082019-B	54	0.041	0.040	2.50	0.001
0.200 4101018274/9	55	0.204	0.200	2.00	0.004
blank 111020VB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.747	168.945	0.070
0.100	59.933	168.459	0.356
0.200	121.558	170.178	0.714
0.400	245.882	171.008	1.438

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06141806	Vial:	1
Description:	0.020 calibrator	Sequence:	21Sep21
Method:	ethanol quant.M	Injection date:	9/21/2021 10:57:10 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke <i>TB</i>
Data file:	C:\Chem32\1\Data\21Sep21\1.D		

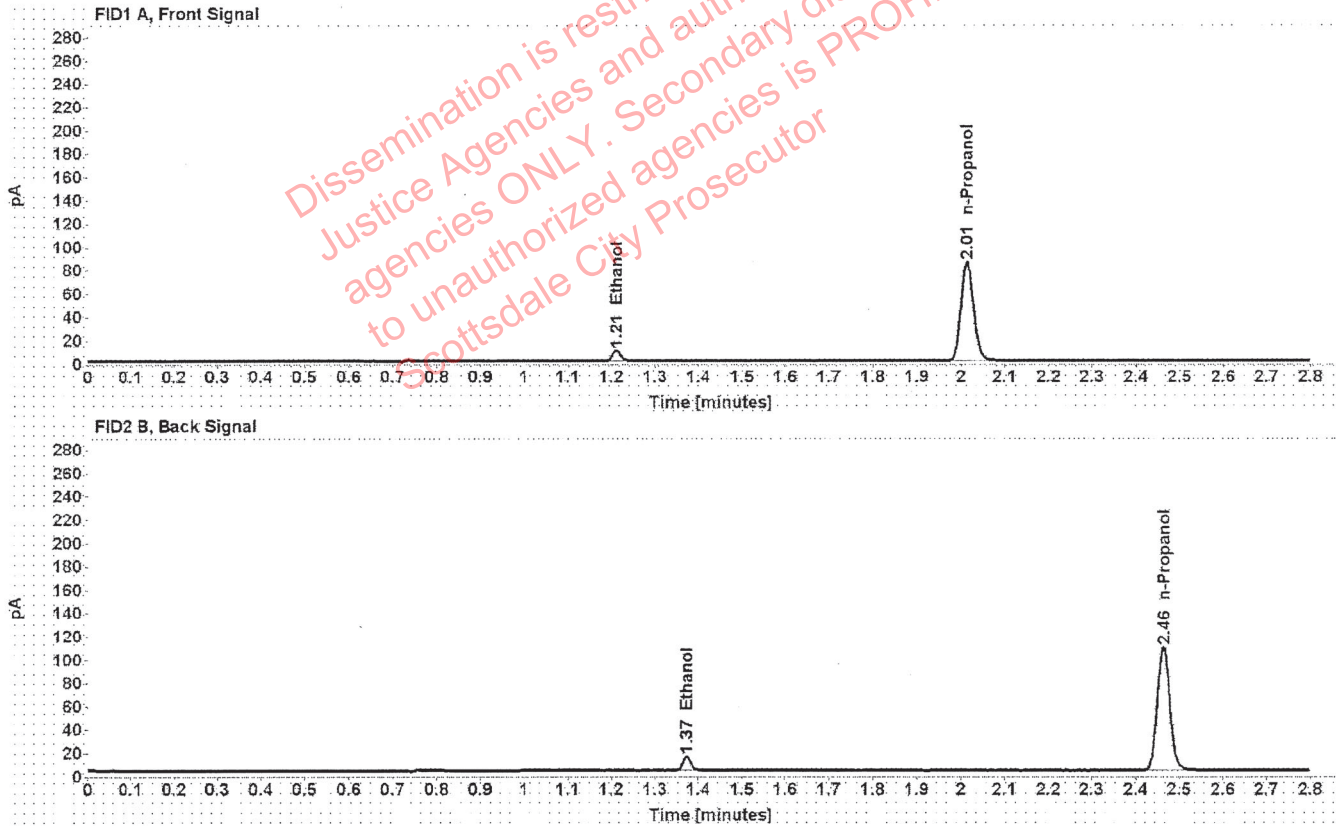


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.747
n-Propanol	2.014	168.945

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

Compound	Time (min)	Peak Area
Ethanol	1.373	14.829
n-Propanol	2.463	212.951

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	21Sep21
Method:	ethanol quant.M	Injection date:	9/21/2021 11:01:10 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke <i>PB</i>
Data file:	C:\Chem32\1\Data\21Sep21\2.D		

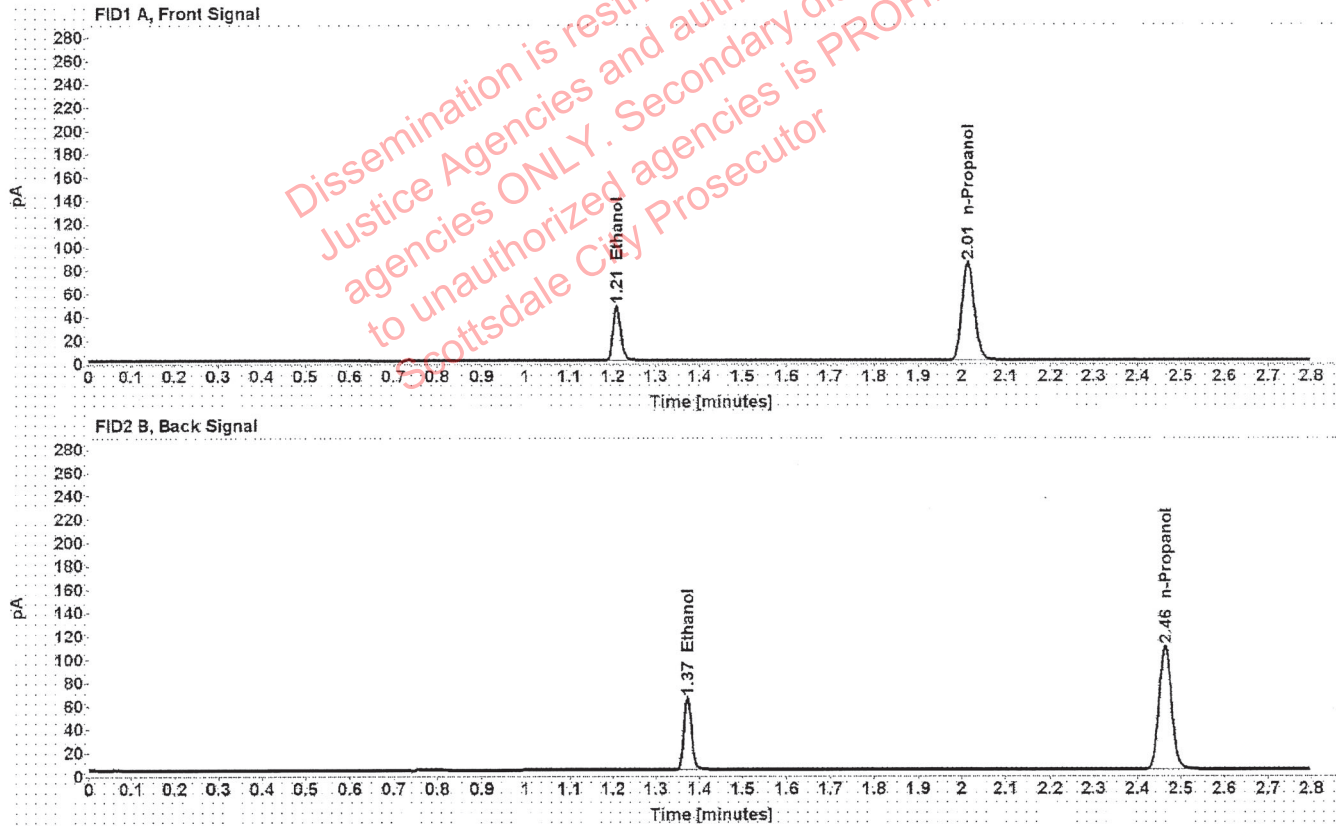


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.933
n-Propanol	2.014	168.459

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

Compound	Time (min)	Peak Area
Ethanol	1.372	75.639
n-Propanol	2.463	212.193

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05101903	Vial:	3
Description:	0.200 calibrator	Sequence:	21Sep21
Method:	ethanol quant.M	Injection date:	9/21/2021 11:05:09 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke PB
Data file:	C:\Chem32\1\Data\21Sep21\3.D		

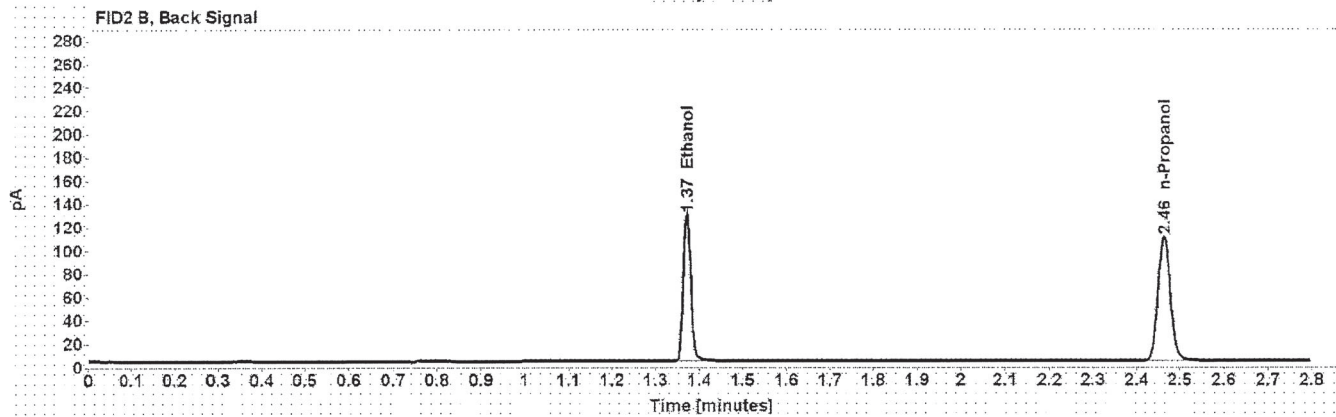
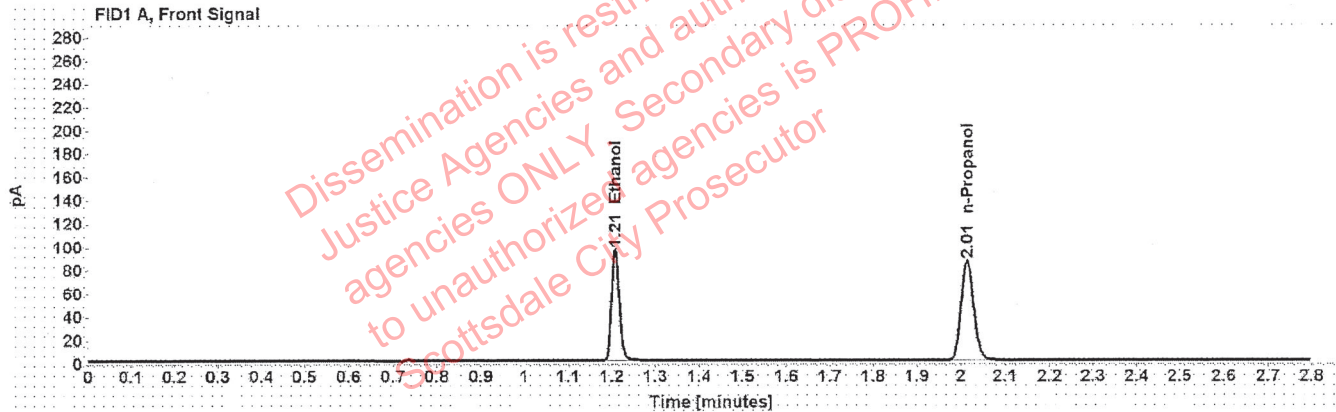


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	121.558
n-Propanol	2.014	170.178

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

Compound	Time (min)	Peak Area
Ethanol	1.371	153.602
n-Propanol	2.463	214.195

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN10051906	Vial:	4
Description:	0.400 calibrator	Sequence:	21Sep21
Method:	ethanol quant.M	Injection date:	9/21/2021 11:09:09 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke <i>BB</i>
Data file:	C:\Chem32\1\Data\21Sep21\4.D		

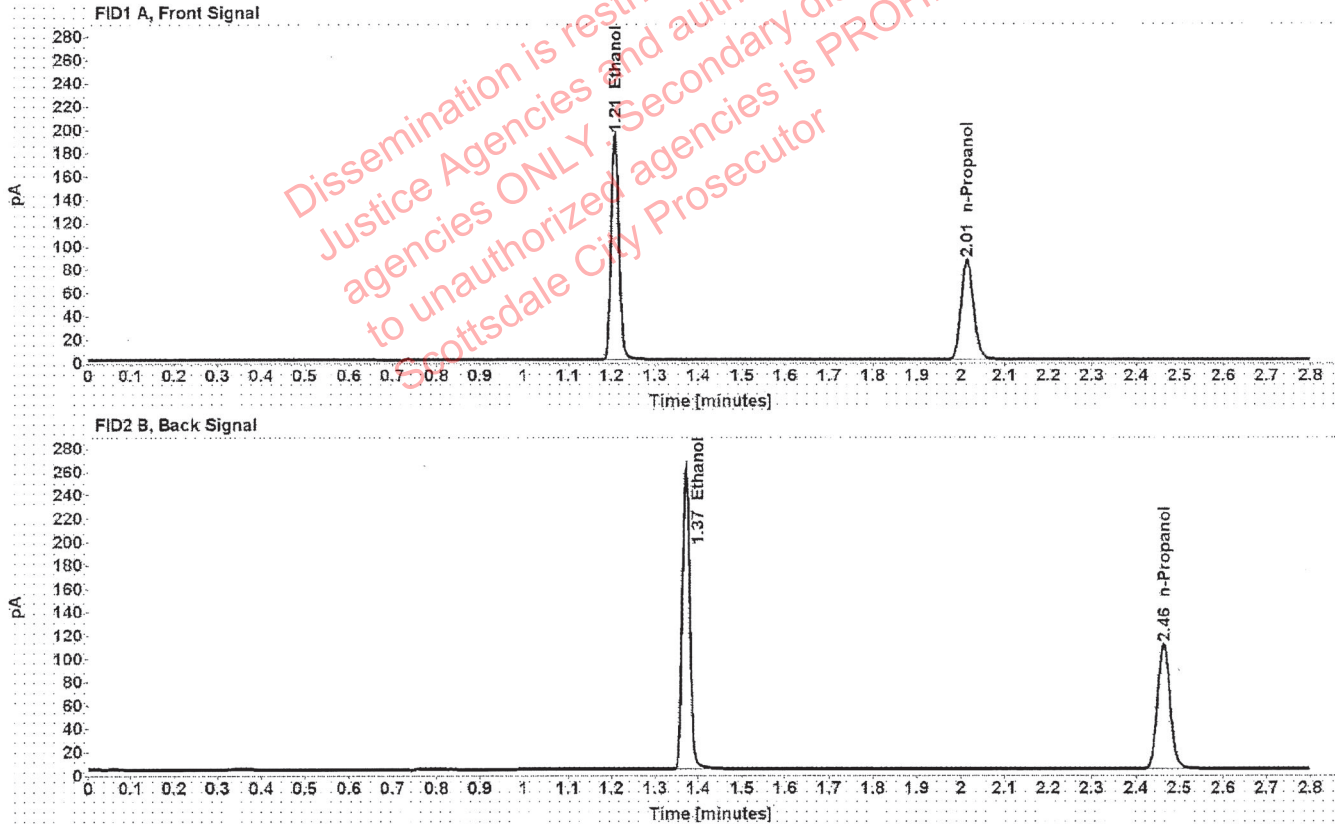


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	245.882
n-Propanol	2.014	171.008

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

Compound	Time (min)	Peak Area
Ethanol	1.371	311.604
n-Propanol	2.464	215.197

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	071521AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 11:13:10 AM
Data file:	C:\Chem32\1\Data\21Sep21\5.D	Analyst:	Brooke <i>FB</i>

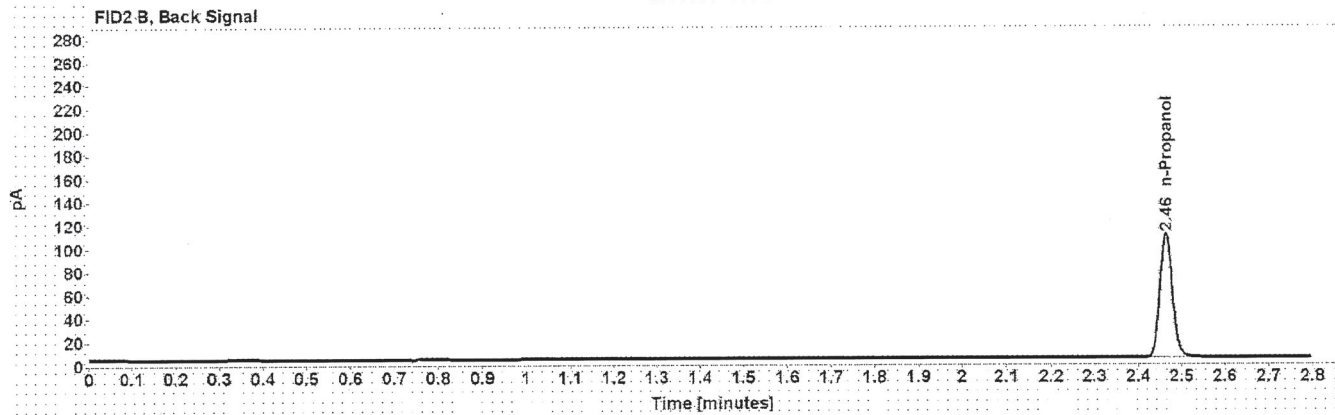


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	169.537

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

Compound	Time (min)	Peak Area
n-Propanol	2.464	213.405

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 11:17:09 AM
Data file:	C:\Chem32\1\Data\21Sep21\6.D	Analyst:	Brooke <i>RB</i>

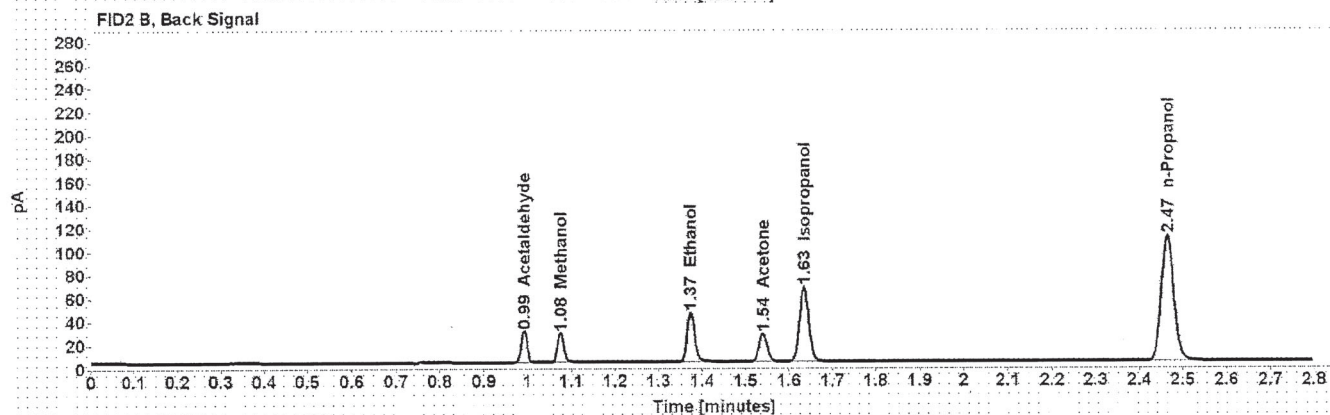
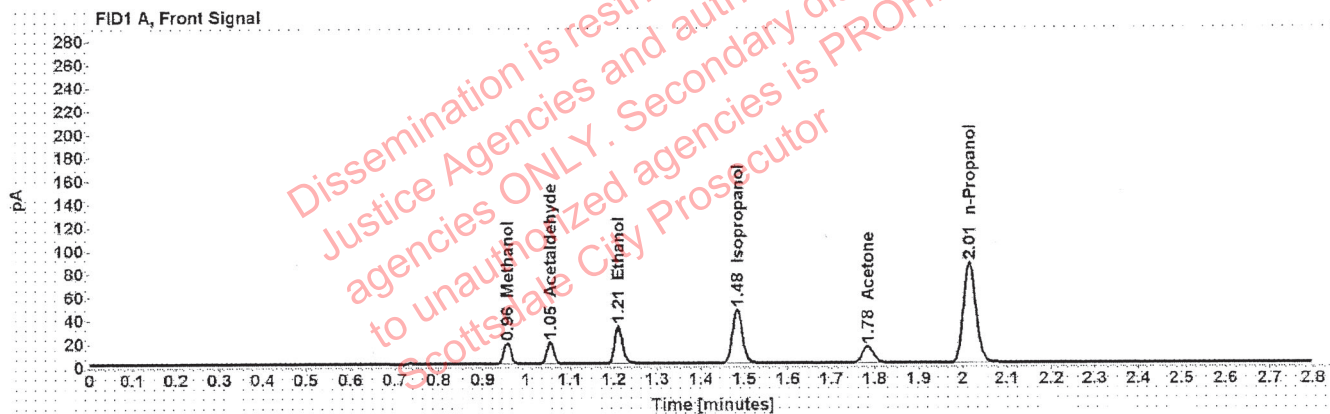


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	20.589
Acetaldehyde	-----	1.055	20.086
>Ethanol	0.0679	1.210	41.292
Isopropanol	-----	1.483	74.098
Acetone	-----	1.784	24.747
n-Propanol	-----	2.015	171.607

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	26.150
Methanol	1.075	26.415
Ethanol	1.374	52.029
Acetone	1.540	31.307
Isopropanol	1.635	95.421
n-Propanol	2.465	215.728

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 11:21:25 AM
Data file:	C:\Chem321\1\Data\21Sep21\7.D	Analyst:	Brooke ^{YB}

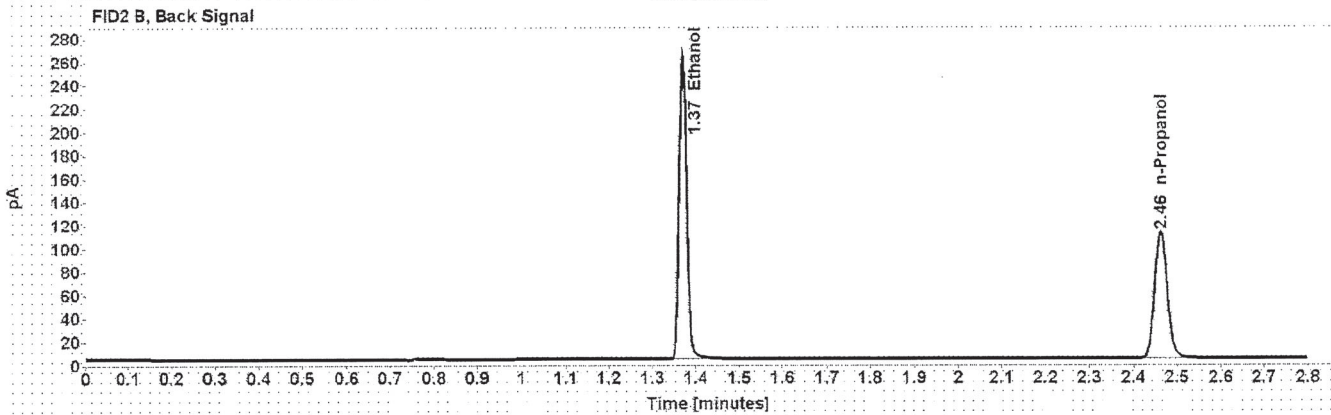
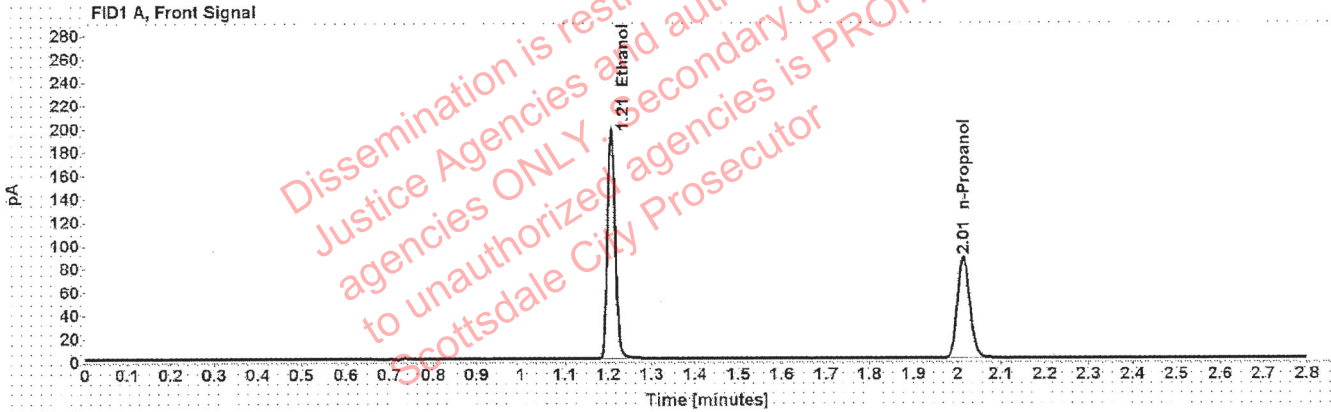


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4007	1.207	249.510
n-Propanol	-----	2.014	173.374

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

Compound	Time (min)	Peak Area
Ethanol	1.370	316.077
n-Propanol	2.463	218.216

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 11:25:24 AM
Data file:	C:\Chem32\1\Data\21Sep21\8.D	Analyst:	Brooke <i>RB</i>

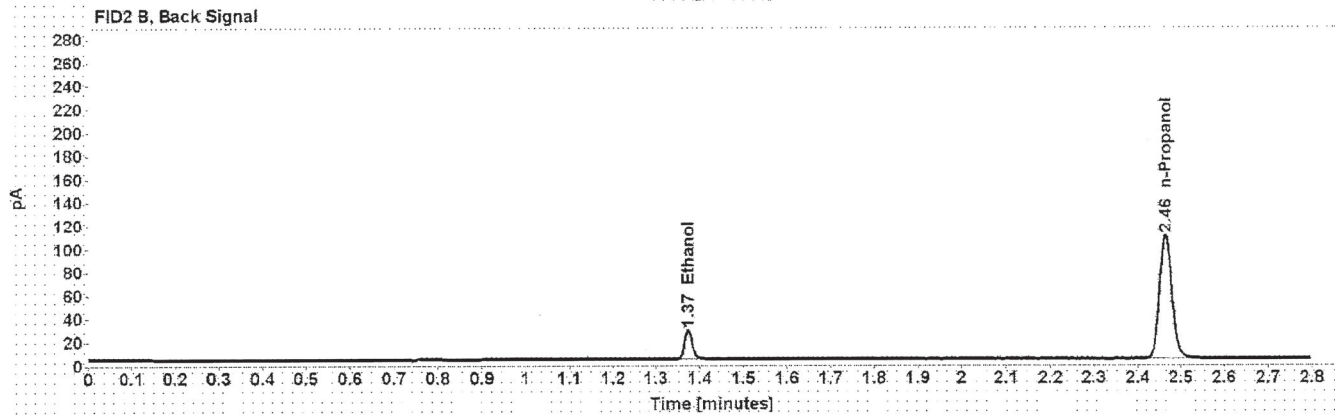
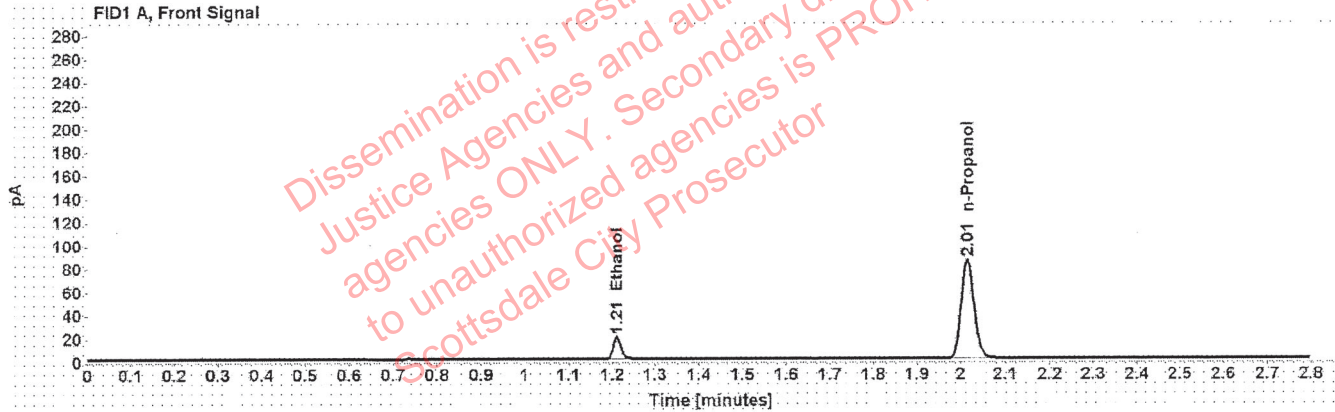


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.211	24.485
n-Propanol	-----	2.015	169.764

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.761
n-Propanol	2.465	213.546

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	9
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 11:29:25 AM
Data file:	C:\Chem32\1\Data\21Sep21\9.D	Analyst:	Brooke <i>RB</i>

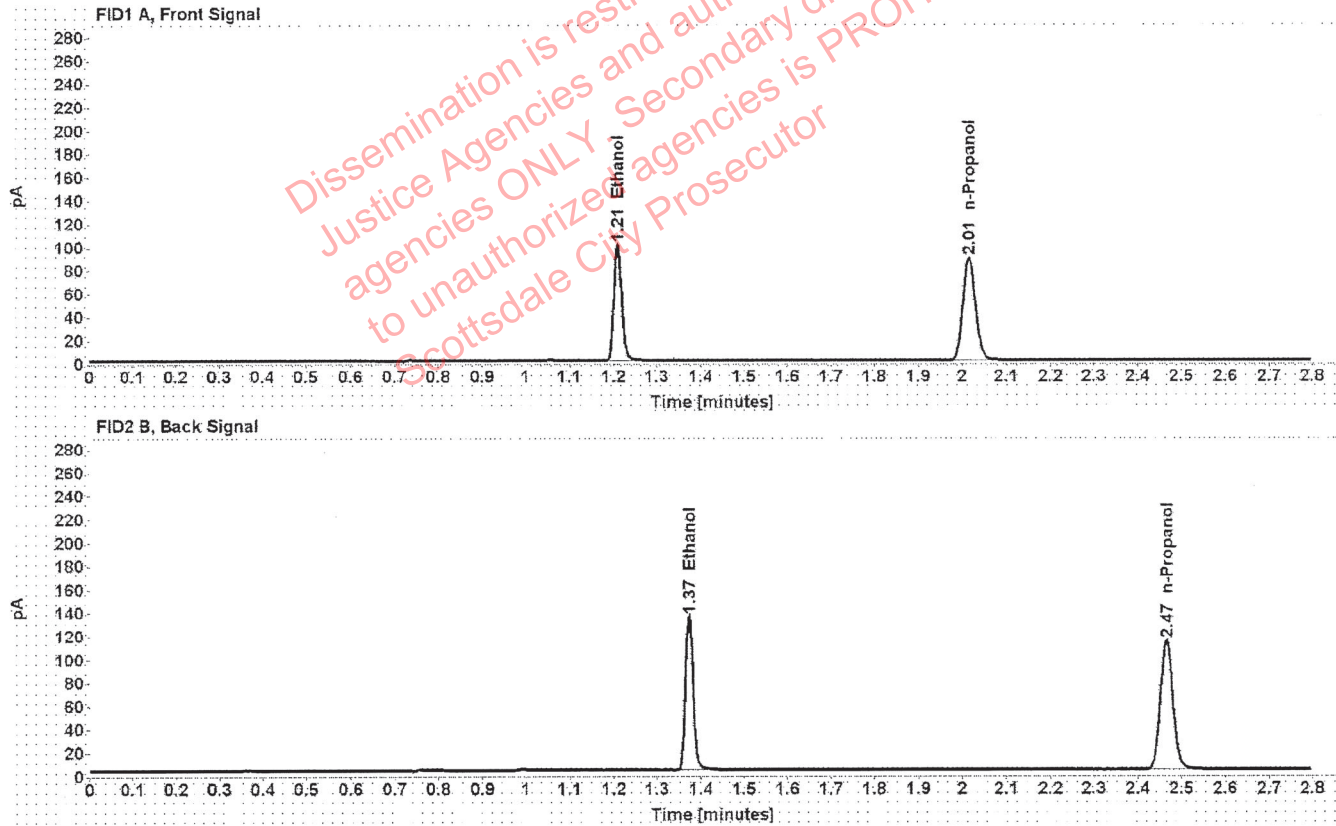


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2018	1.209	127.467
n-Propanol	-----	2.015	176.294

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

Compound	Time (min)	Peak Area
Ethanol	1.373	161.693
n-Propanol	2.465	222.109

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:13:55 PM
Data file:	C:\Chem32\1\Data\21Sep21\20.D	Analyst:	Brooke <i>BA</i>

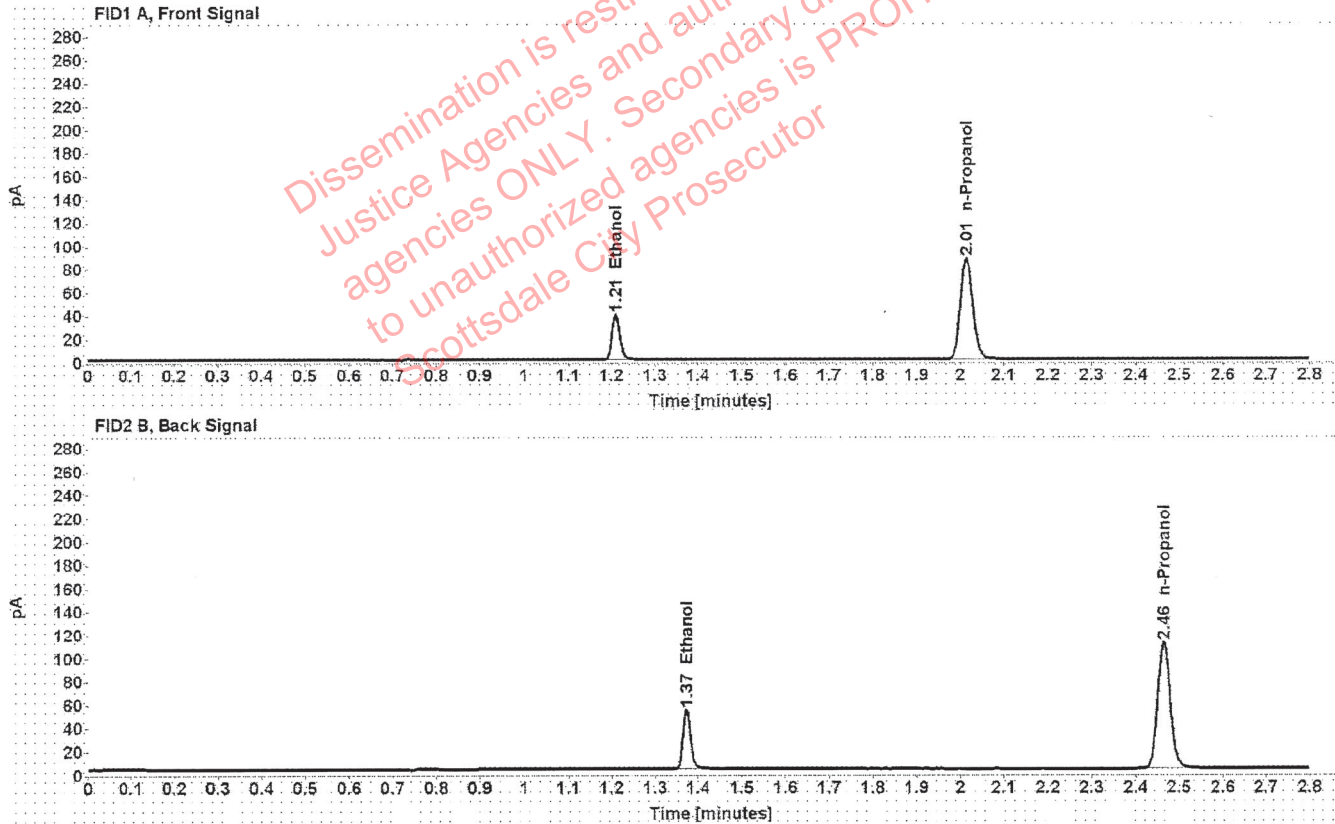


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.210	49.618
n-Propanol	-----	2.015	173.014

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

Compound	Time (min)	Peak Area
Ethanol	1.373	62.738
n-Propanol	2.464	218.201

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	31
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:58:25 PM
Data file:	C:\Chem32\1\Data\21Sep21\31.D	Analyst:	Brooke <i>MB</i>

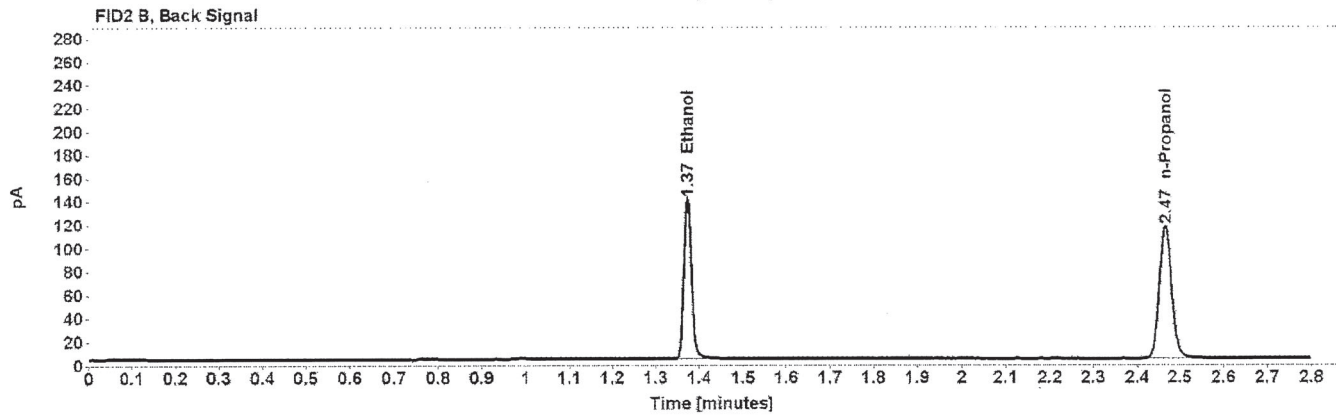
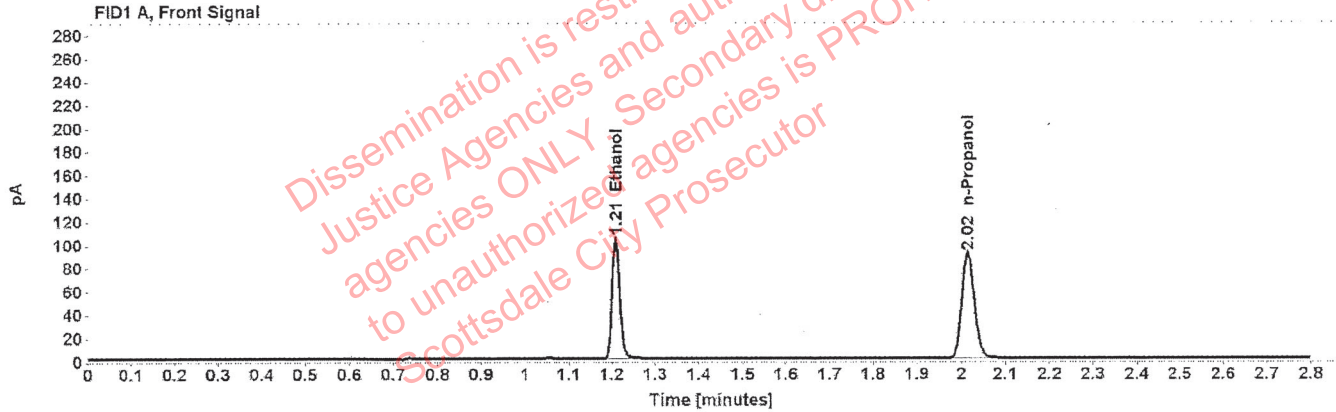


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2044	1.209	132.600
n-Propanol	-----	2.015	181.043

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

Compound	Time (min)	Peak Area
Ethanol	1.373	168.196
n-Propanol	2.465	228.155

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	42
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:42:40 PM
Data file:	C:\Chem32\1\Data\21Sep21\42.D	Analyst:	Brooke <i>MB</i>

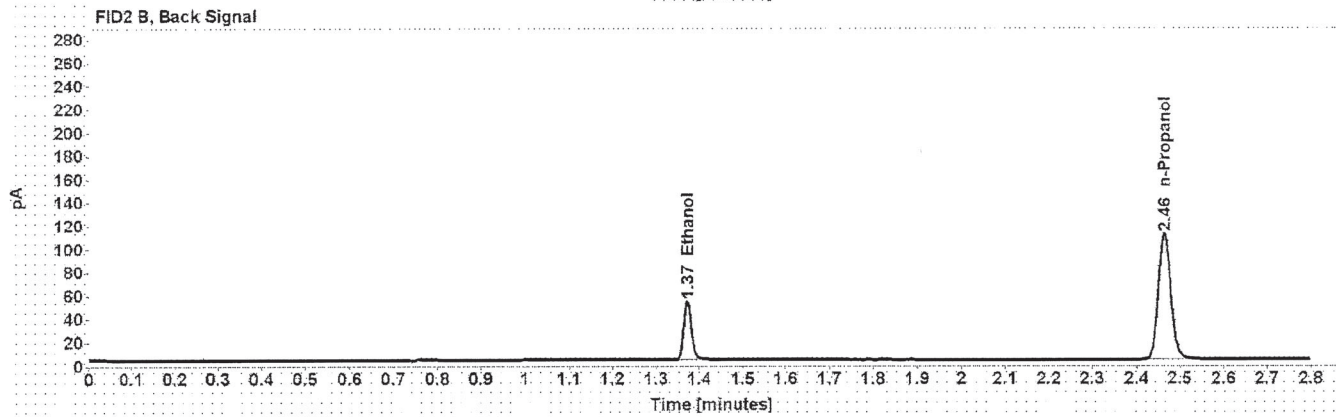
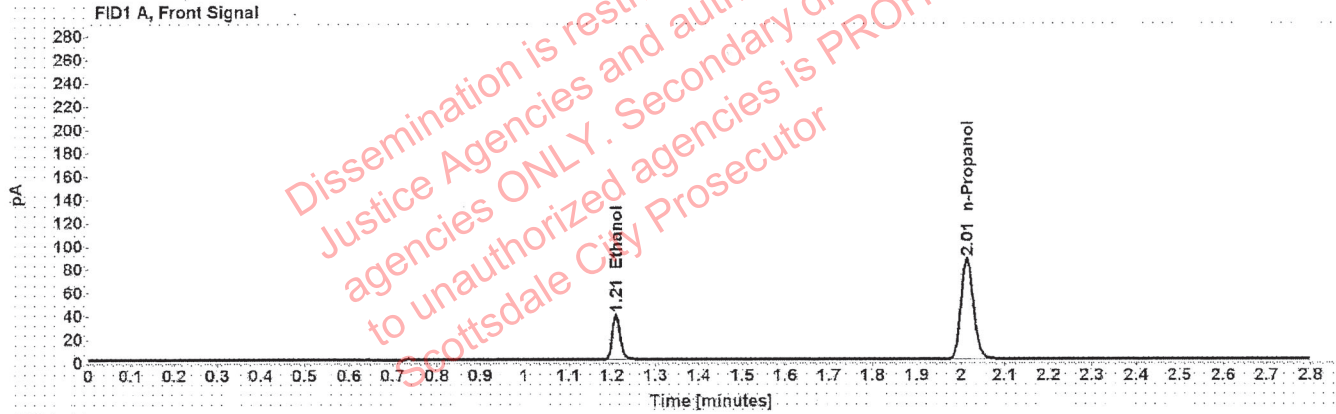


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0806	1.209	49.298
n-Propanol	-----	2.014	172.265

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

Compound	Time (min)	Peak Area
Ethanol	1.372	62.117
n-Propanol	2.464	217.240

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	53
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 2:27:10 PM
Data file:	C:\Chem32\1\Data\21Sep21\53.D	Analyst:	Brooke <i>RB</i>

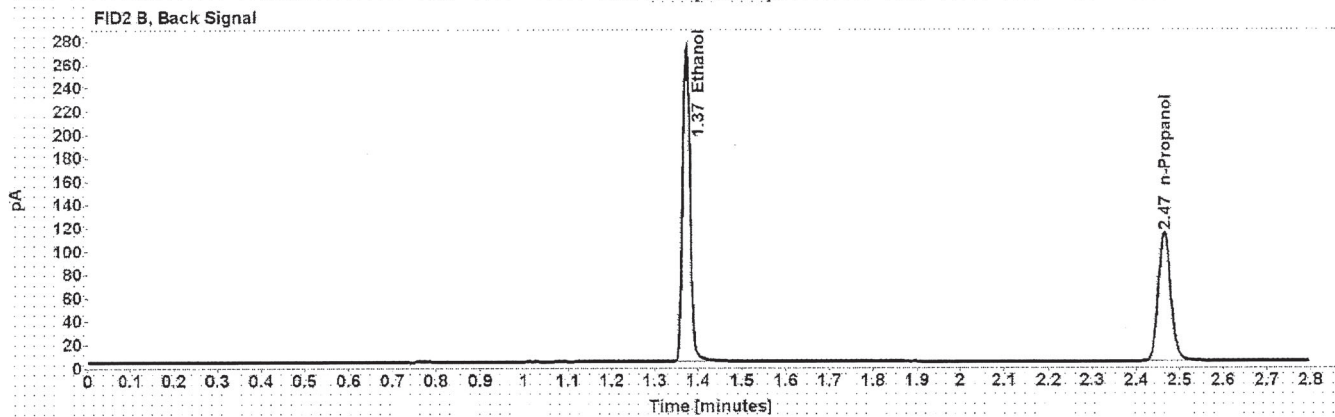
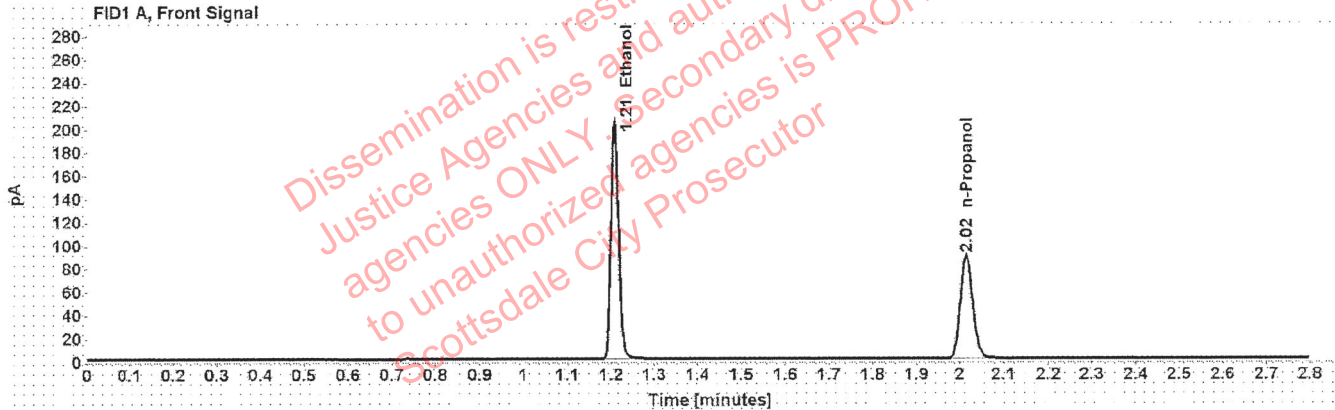


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4083	1.209	259.134
n-Propanol	-----	2.015	176.705

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

Compound	Time (min)	Peak Area
Ethanol	1.373	328.782
n-Propanol	2.465	222.634

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	54
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 2:31:10 PM
Data file:	C:\Chem32\1\Data\21Sep21\54.D	Analyst:	Brooke <i>AB</i>

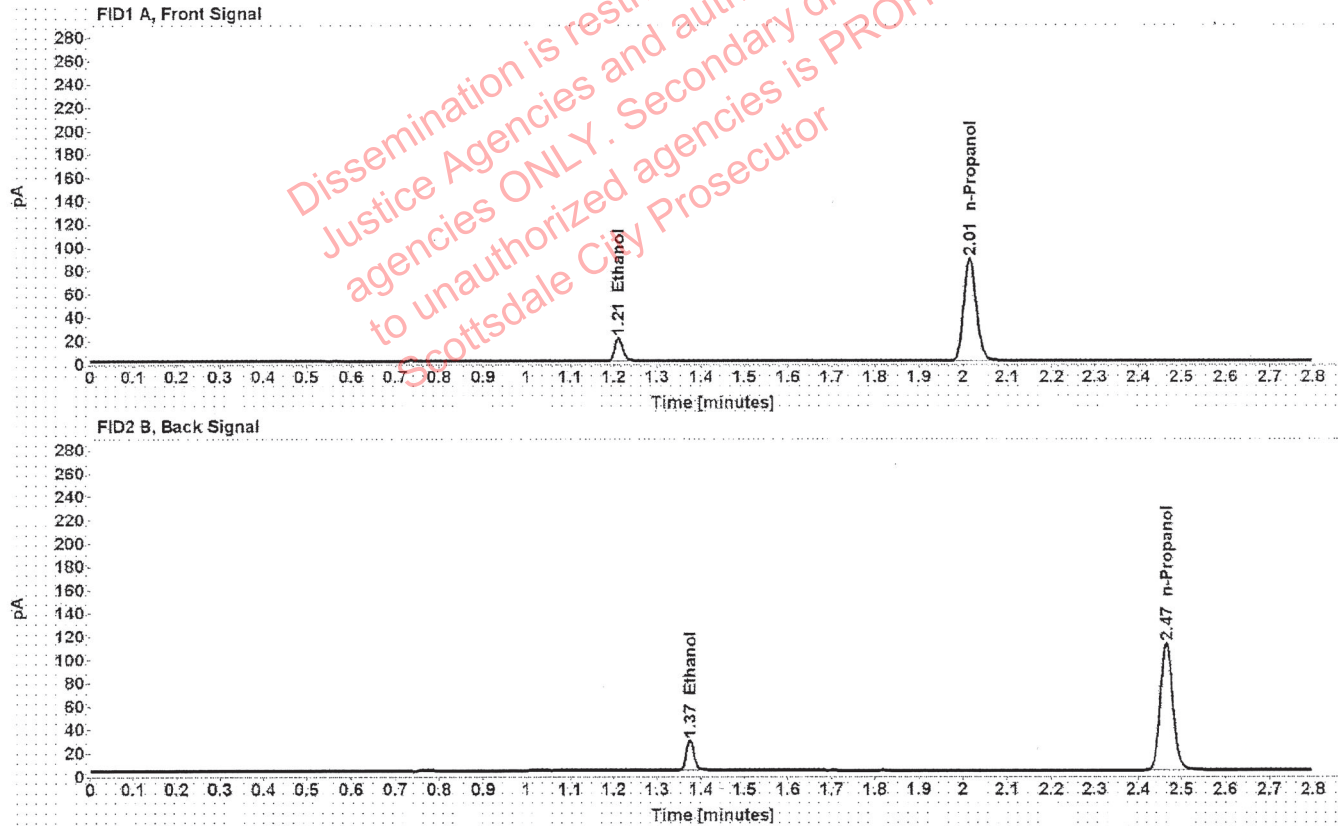


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0413	1.211	25.355
n-Propanol	-----	2.015	174.989

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

Compound	Time (min)	Peak Area
Ethanol	1.374	31.905
n-Propanol	2.465	220.434

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	55
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 2:35:25 PM
Data file:	C:\Chem32\1\Data\21Sep21\55.D	Analyst:	Brooke <i>AB</i>

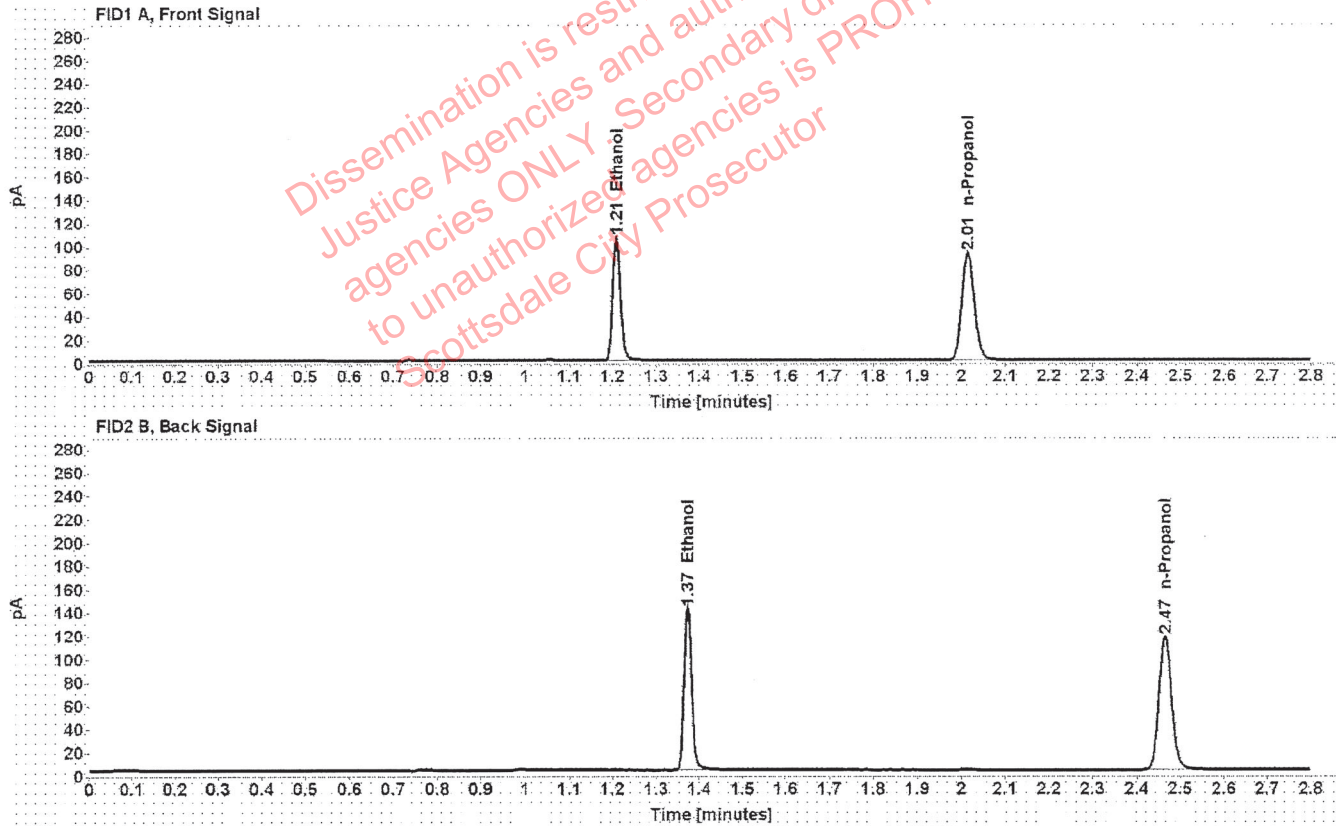


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2048	1.209	134.560
n-Propanol	-----	2.015	183.380

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

Compound	Time (min)	Peak Area
Ethanol	1.373	170.609
n-Propanol	2.465	230.868

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	56
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 2:39:25 PM
Data file:	C:\Chem32\1\Data\21Sep21\56.D	Analyst:	Brooke <i>MB</i>

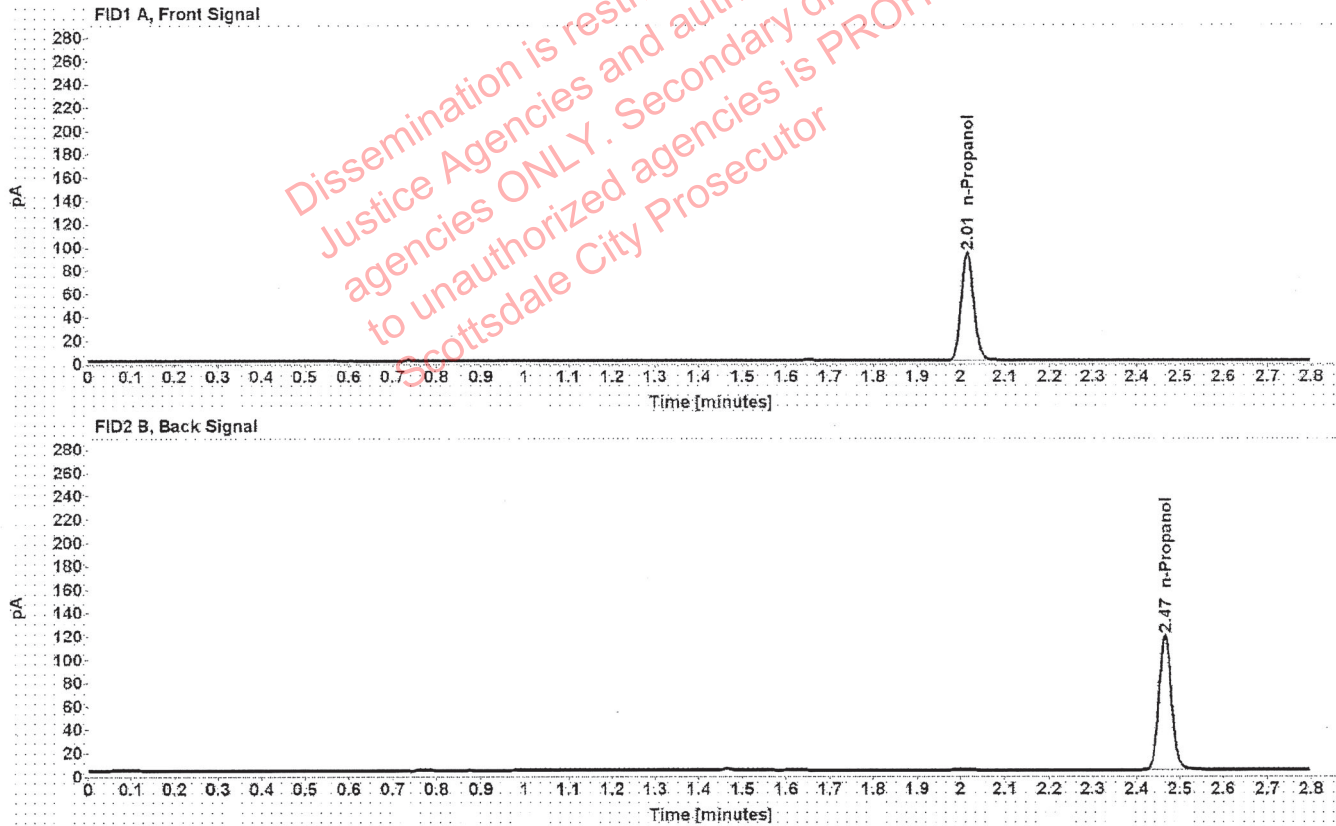


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	184.633

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

Compound	Time (min)	Peak Area
n-Propanol	2.465	232.876

Sequence Summary

Sequence name: 21Sep21 Instrument: US14173023 CN14160045 Analyst: Brooke

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	071521AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4101018274/9	0.200	Control		ethanol quant.M
10	1388594		Sample		ethanol quant.M
11	1388594		Sample		ethanol quant.M
12	34001JR		Sample		ethanol quant.M
13	34001JR		Sample		ethanol quant.M
14	16901JC		Sample		ethanol quant.M
15	16901JC		Sample		ethanol quant.M
16	38101CG		Sample		ethanol quant.M
17	38101CG		Sample		ethanol quant.M
18	32701ME		Sample		ethanol quant.M
19	32701ME		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	32701AT		Sample		ethanol quant.M
22	32701AT		Sample		ethanol quant.M
23	33801SC		Sample		ethanol quant.M
24	33801SC		Sample		ethanol quant.M
25	33801EZ		Sample		ethanol quant.M
26	33801EZ		Sample		ethanol quant.M
27	33801SL		Sample		ethanol quant.M
28	33801SL		Sample		ethanol quant.M
29	32601CD		Sample		ethanol quant.M
30	32601CD		Sample		ethanol quant.M
31	4101018274/9	0.200	Control		ethanol quant.M
32	32701GC		Sample		ethanol quant.M
33	32701GC		Sample		ethanol quant.M
34	1388592		Sample		ethanol quant.M
35	1388592		Sample		ethanol quant.M
36	1389448		Sample		ethanol quant.M
37	1389448		Sample		ethanol quant.M
38	1389216		Sample		ethanol quant.M
39	1389216		Sample		ethanol quant.M
40	1389419		Sample		ethanol quant.M
41	1389419		Sample		ethanol quant.M
42	20012020-B	0.080	Control		ethanol quant.M
43	1389133		Sample		ethanol quant.M
44	1389133		Sample		ethanol quant.M
45	1388438		Sample		ethanol quant.M
46	1388438		Sample		ethanol quant.M
47	1388965		Sample		ethanol quant.M

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

Sequence Summary

VB

48	1388965		Sample		ethanol quant.M
49	1386550		Sample		ethanol quant.M
50	1386550		Sample		ethanol quant.M
51	1389160		Sample		ethanol quant.M
52	1389160		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

13

SEQUENCE NAME: 21Sep21

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1824	0.1818	0.18210	0.16	0.00030
12 13	0.0936	0.0930	0.09330	0.32	0.00030
14 15	0.1817	0.1831	0.18240	0.38	0.00070
16 17	0.1918	0.1914	0.19160	0.10	0.00020
18 19	0.1949	0.1952	0.19505	0.08	0.00015
21 22	0.1284	0.1280	0.12820	0.16	0.00020
23 24	0.0909	0.0918	0.09135	0.49	0.00045
25 26	0.1652	0.1632	0.16420	0.61	0.00100
27 28	0.1733	0.1740	0.17365	0.20	0.00035
29 30	0.1968	0.1973	0.19705	0.13	0.00025
32 33	0.2357	0.2356	0.23565	0.02	0.00005
34 35	0.2009	0.2003	0.20060	0.15	0.00030
36 37	0.2826	0.2814	0.28200	0.21	0.00060
38 39	0.1961	0.1984	0.19725	0.58	0.00115
40 41	0.2572	0.2570	0.25710	0.04	0.00010
43 44	0.2560	0.2577	0.25685	0.33	0.00085
45 46	0.2086	0.2074	0.20800	0.29	0.00060
47 48	0.0929	0.0923	0.09260	0.32	0.00030
49 50	0.2095	0.2093	0.20940	0.05	0.00010
51 52	0.0987	0.0985	0.09860	0.10	0.00010

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1388594	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 11:33:25 AM
Data file:	C:\Chem32\1\Data\21Sep21\10.D	Analyst:	Brooke

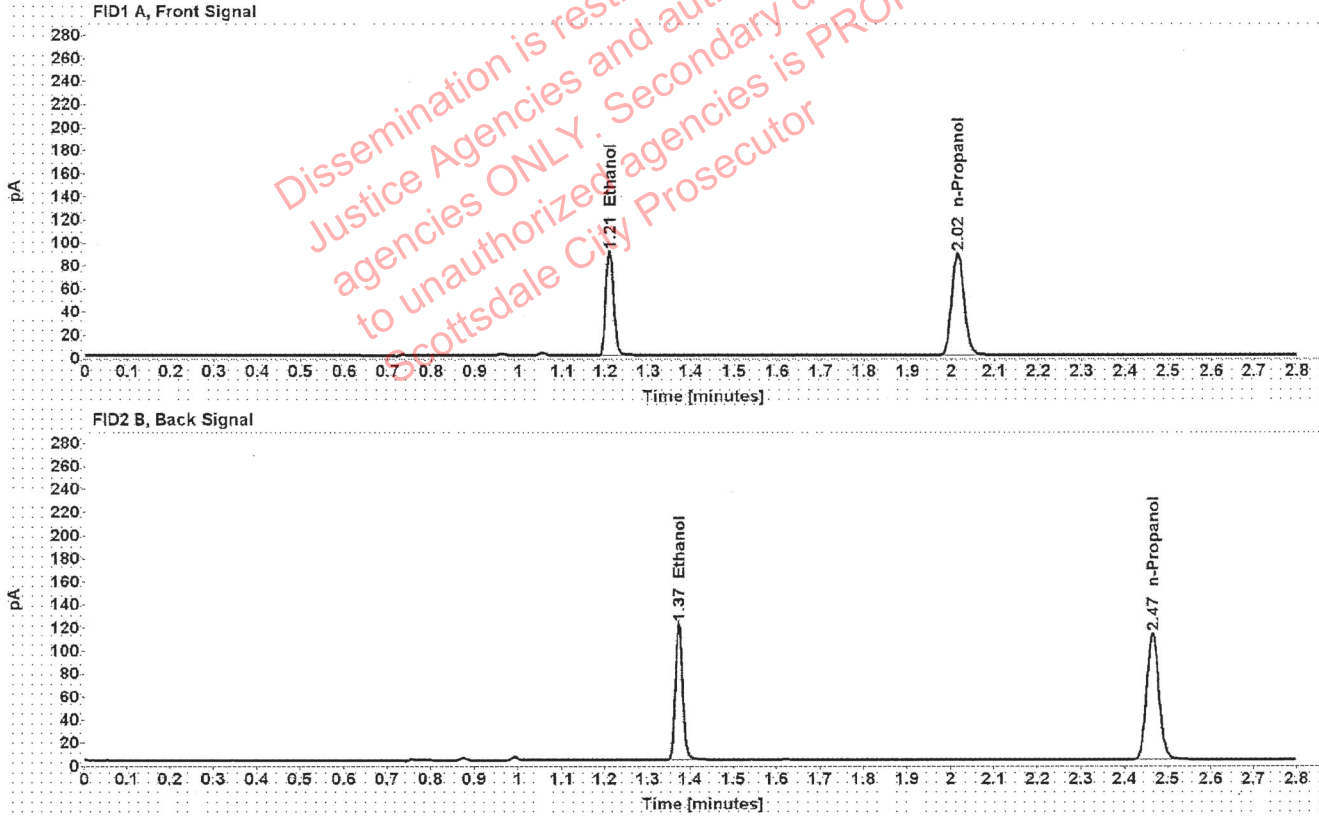


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1824	1.209	114.814
n-Propanol	-----	2.015	175.804

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

Compound	Time (min)	Peak Area
Ethanol	1.373	145.088
n-Propanol	2.465	221.763

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1388594	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 11:37:24 AM
Data file:	C:\Chem32\1\Data\21Sep21\11.D	Analyst:	Brooke

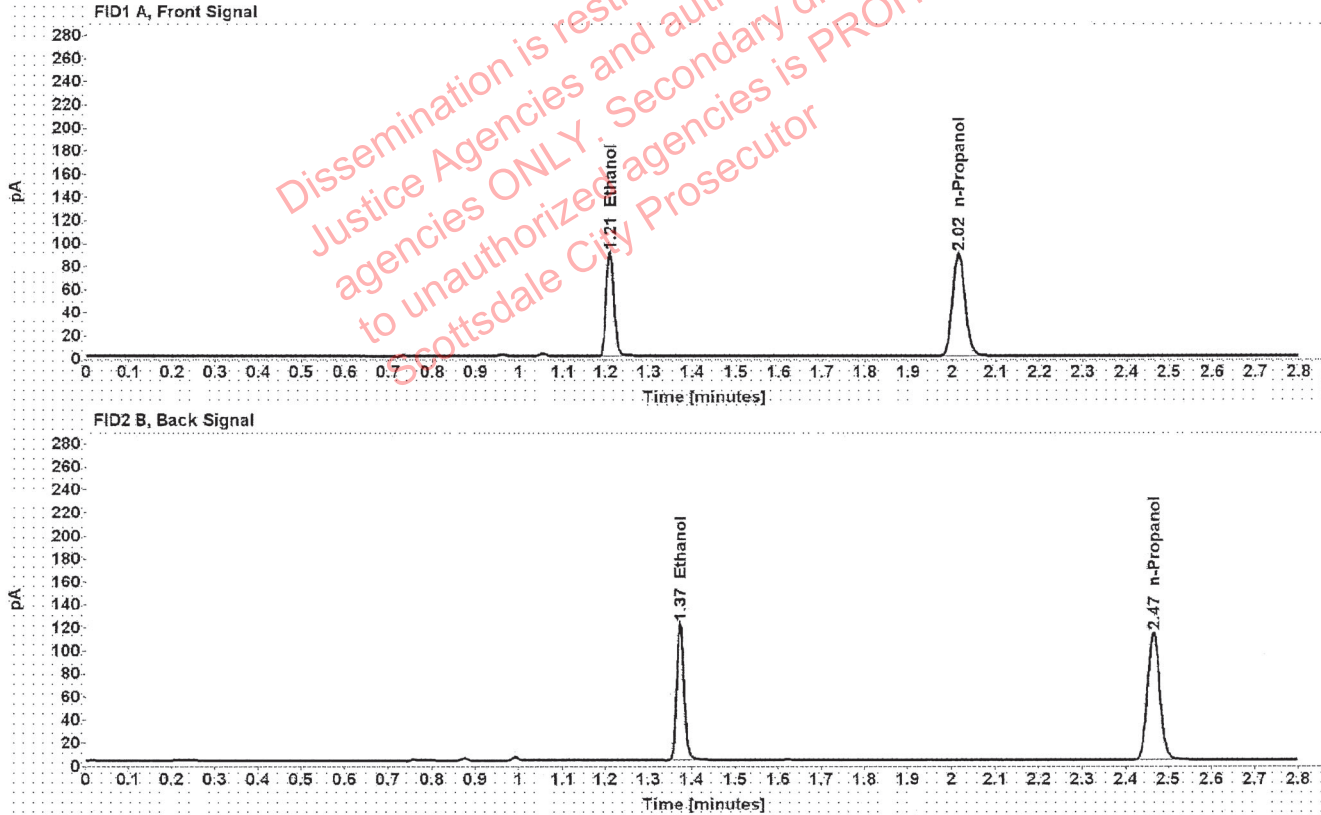


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1818	1.209	114.677
n-Propanol	-----	2.015	176.153

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

Compound	Time (min)	Peak Area
Ethanol	1.373	144.878
n-Propanol	2.465	222.512

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001JR	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 11:41:25 AM
Data file:	C:\Chem32\1\Data\21Sep21\12.D	Analyst:	Brooke

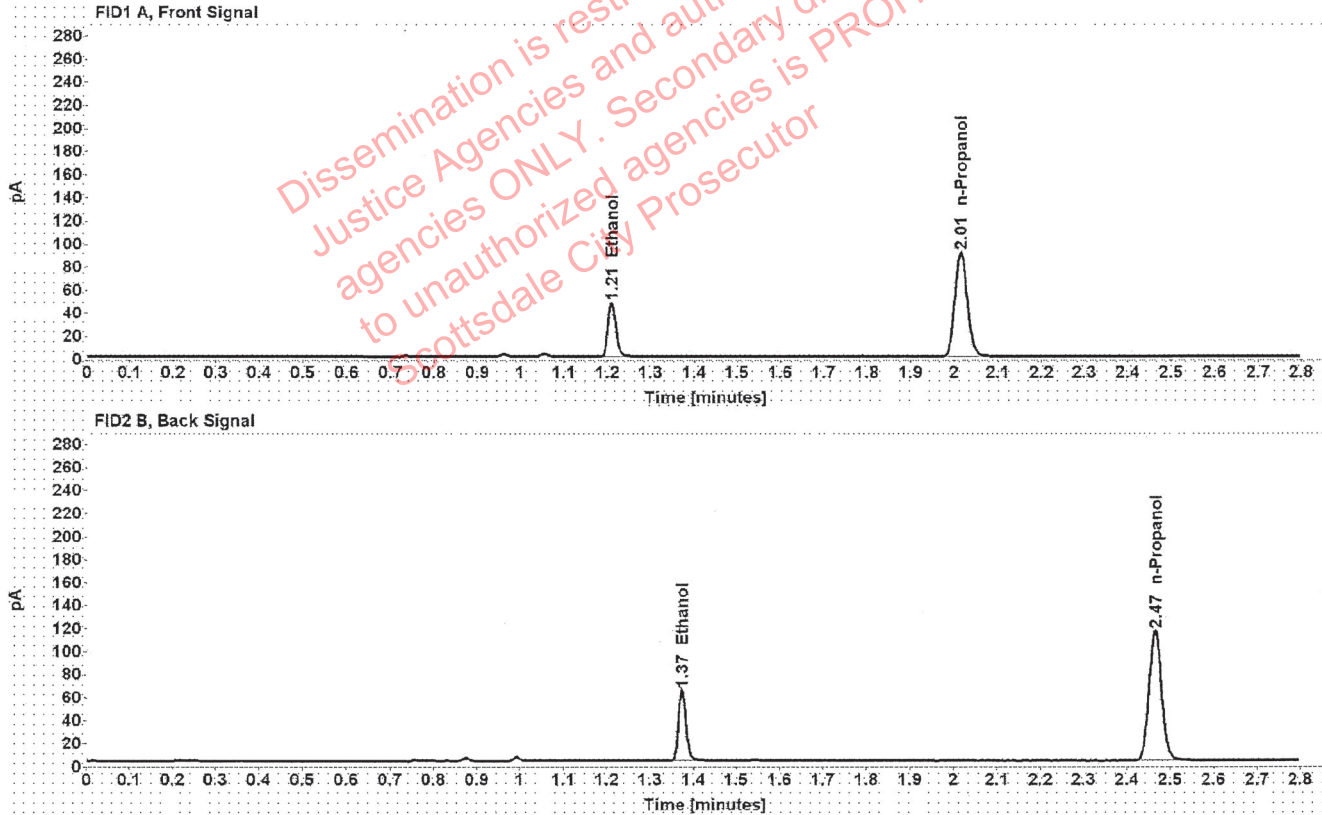


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0936	1.210	59.805
n-Propanol	-----	2.015	179.541

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

Compound	Time (min)	Peak Area
Ethanol	1.373	75.485
n-Propanol	2.465	227.341

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001JR	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 11:45:39 AM
Data file:	C:\Chem32\1\Data\21Sep21\13.D	Analyst:	Brooke

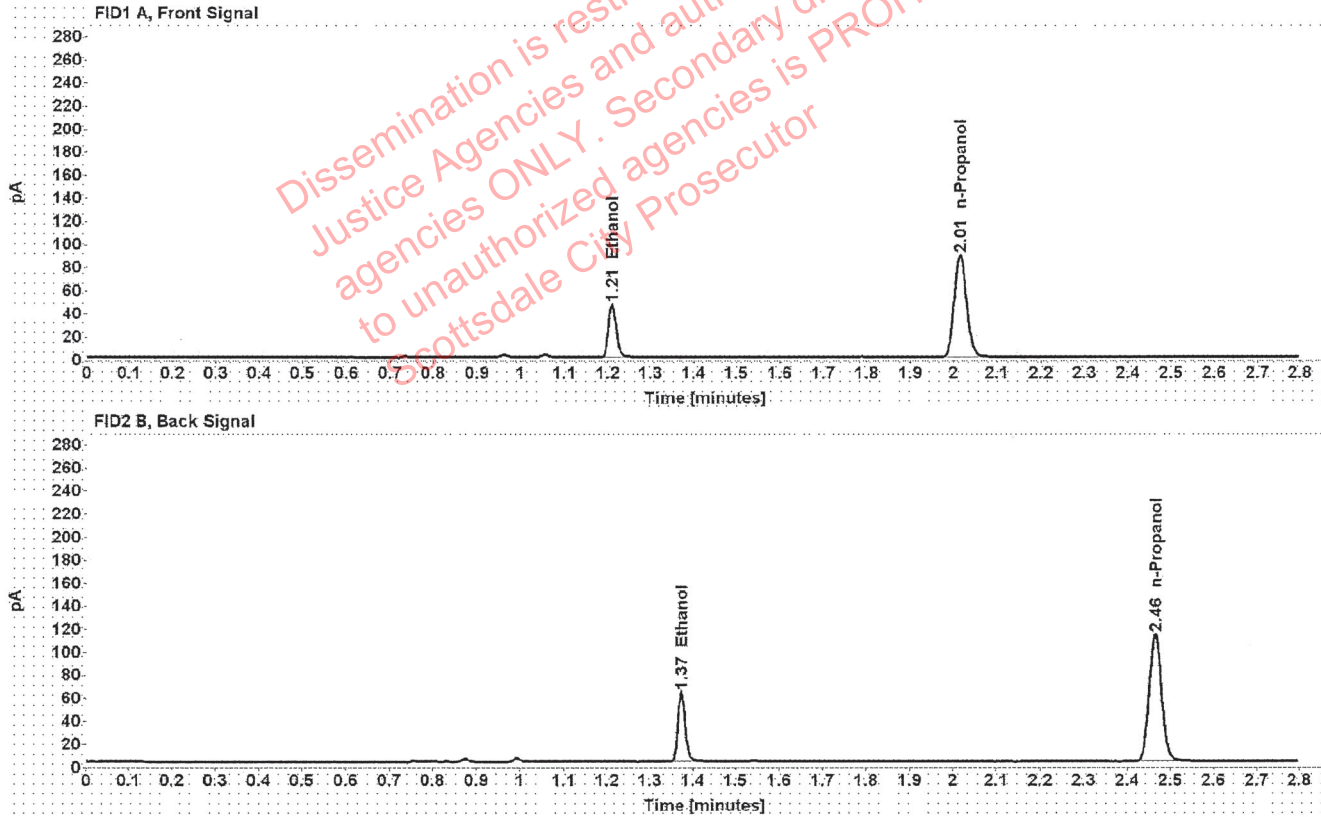


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0930	1.210	58.333
n-Propanol	-----	2.015	176.164

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

Compound	Time (min)	Peak Area
Ethanol	1.373	73.518
n-Propanol	2.465	222.797

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	16901JC	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 11:49:40 AM
Data file:	C:\Chem32\1\Data\21Sep21\14.D	Analyst:	Brooke

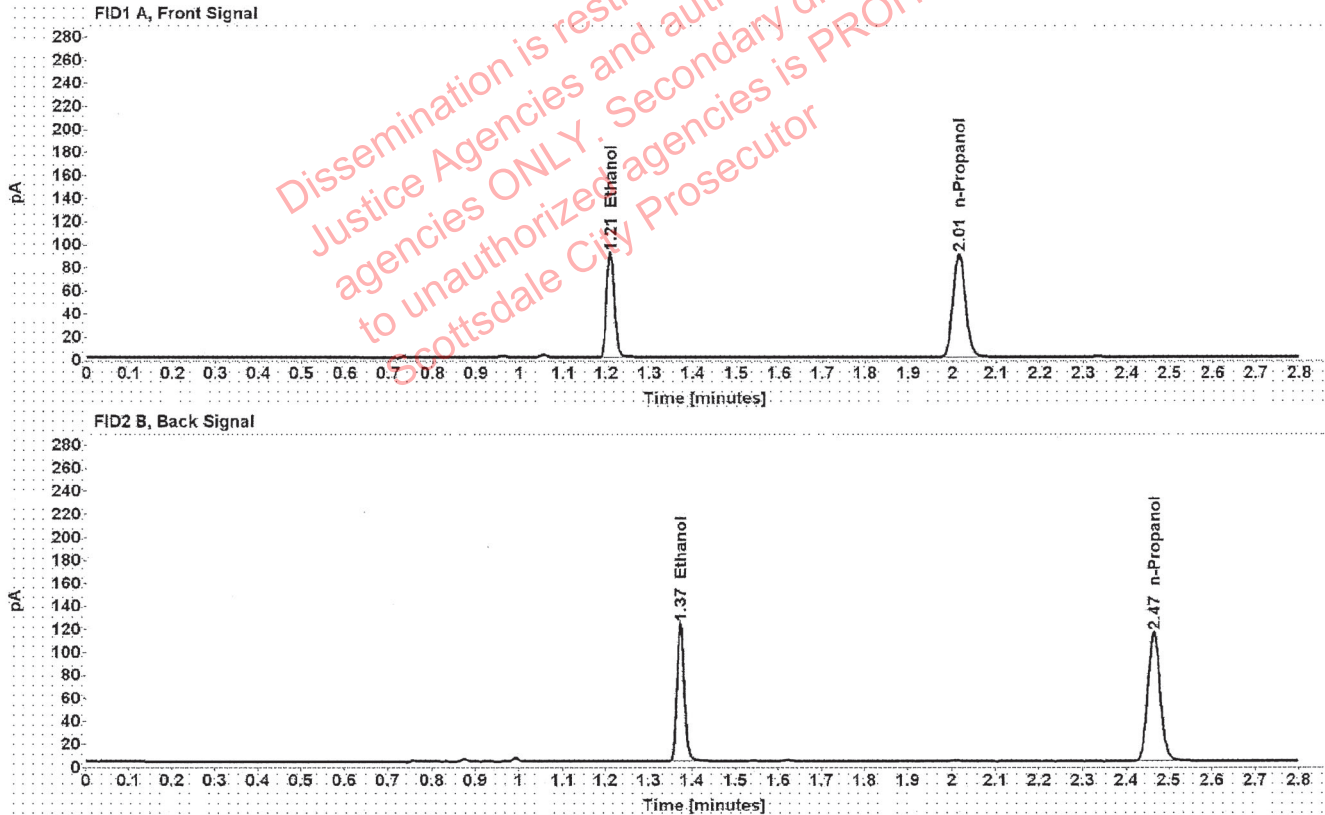


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1817	1.209	115.794
n-Propanol	-----	2.015	177.967

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

Compound	Time (min)	Peak Area
Ethanol	1.373	146.396
n-Propanol	2.465	225.210

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	16901JC	Vial:	15
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 11:53:40 AM
Data file:	C:\Chem32\1\Data\21Sep21\15.D	Analyst:	Brooke

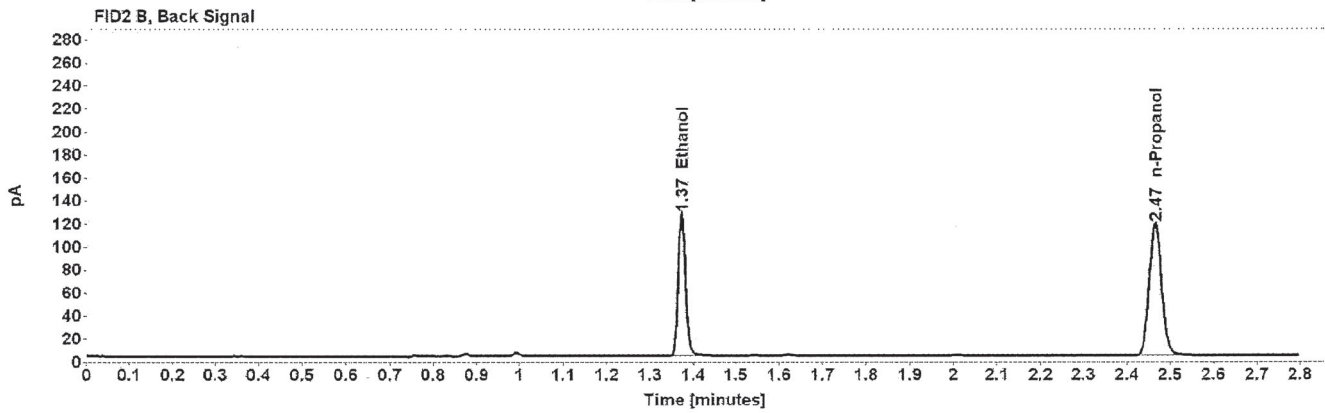
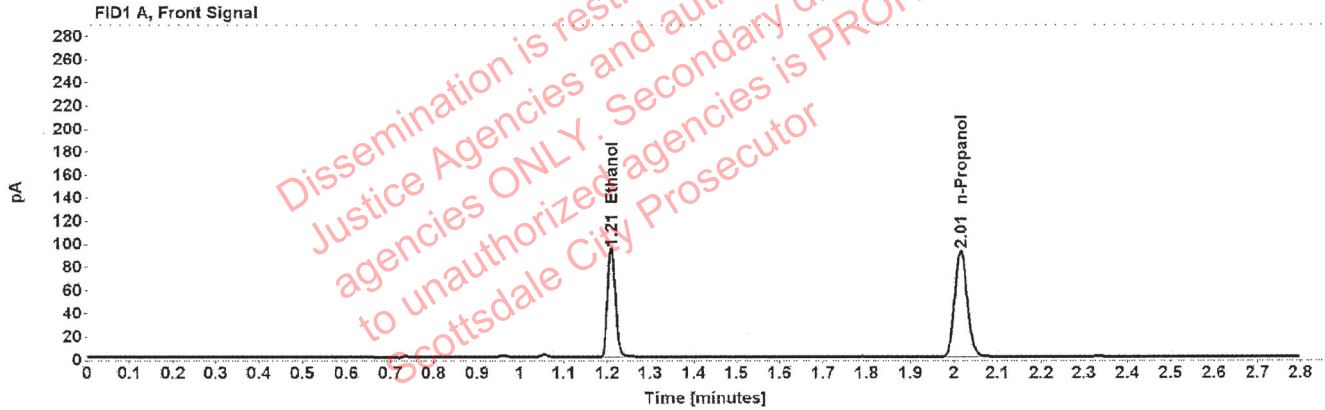


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1831	1.209	119.378
n-Propanol	-----	2.015	182.113

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

Compound	Time (min)	Peak Area
Ethanol	1.373	150.948
n-Propanol	2.465	230.417

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38101CG	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 11:57:39 AM
Data file:	C:\Chem32\1\Data\21Sep21\16.D	Analyst:	Brooke

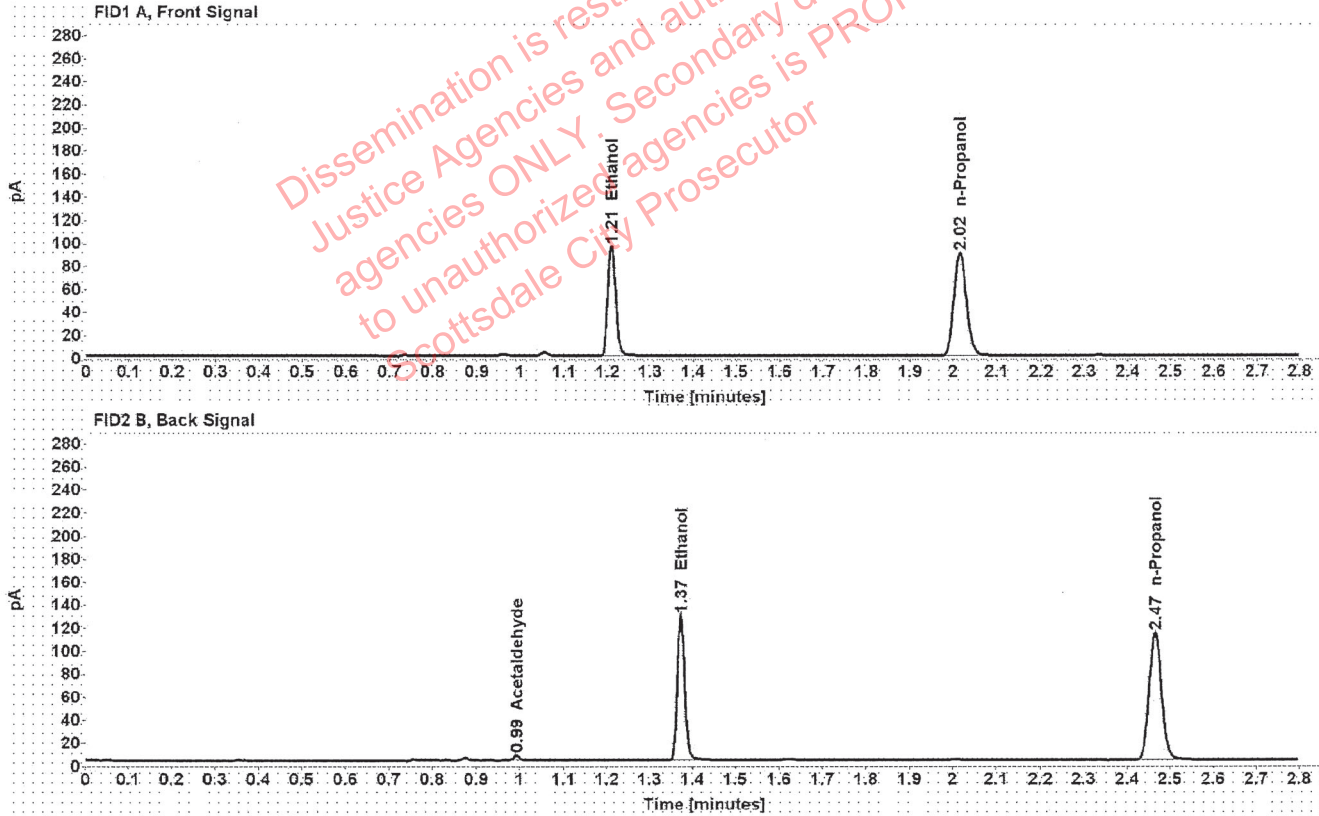


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1918	1.209	121.799
n-Propanol	-----	2.015	177.332

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.192
Ethanol	1.373	154.240
n-Propanol	2.465	224.475

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38101CG	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:01:40 PM
Data file:	C:\Chem32\1\Data\21Sep21\17.D	Analyst:	Brooke

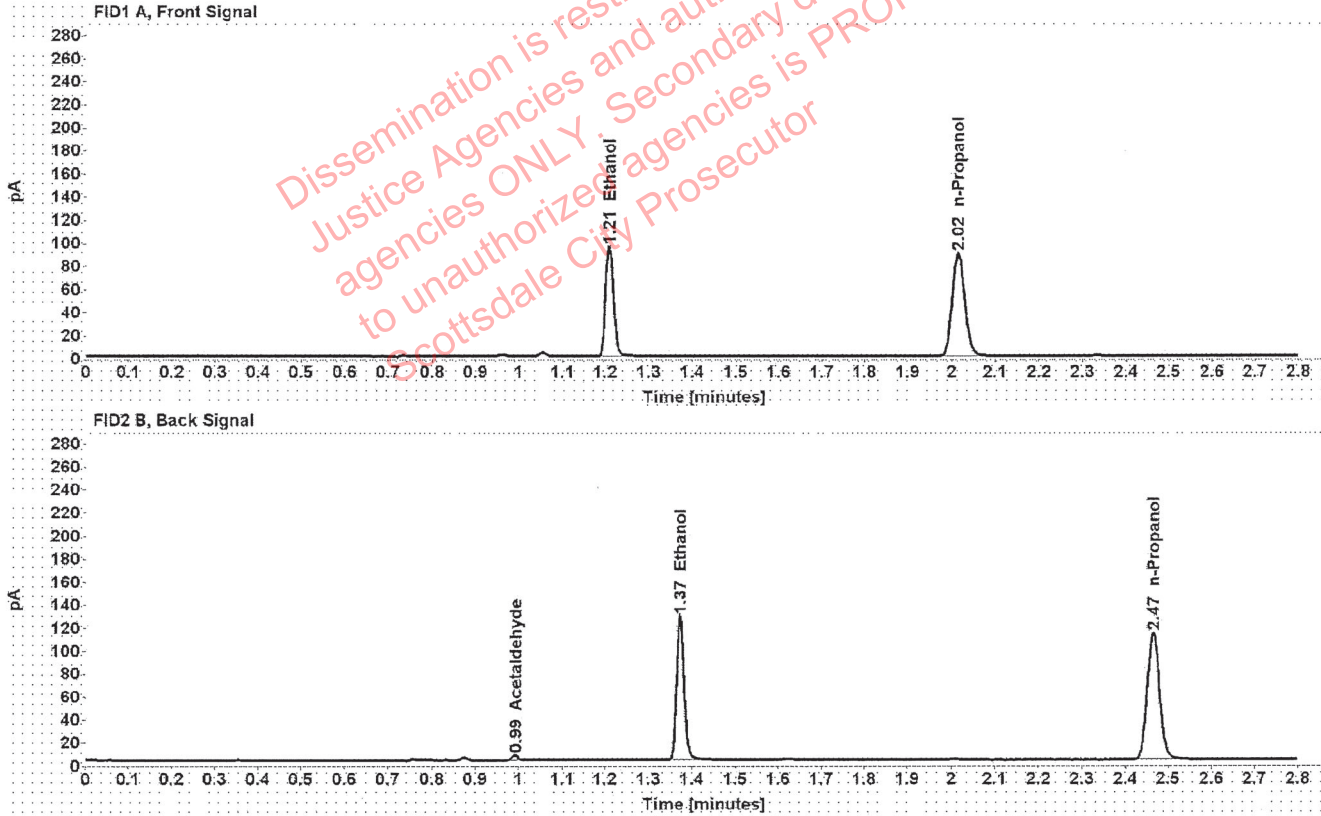


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1914	1.209	120.723
n-Propanol	-----	2.015	176.144

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.213
Ethanol	1.373	152.665
n-Propanol	2.465	223.009

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701ME	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:05:40 PM
Data file:	C:\Chem32\1\Data\21Sep21\18.D	Analyst:	Brooke

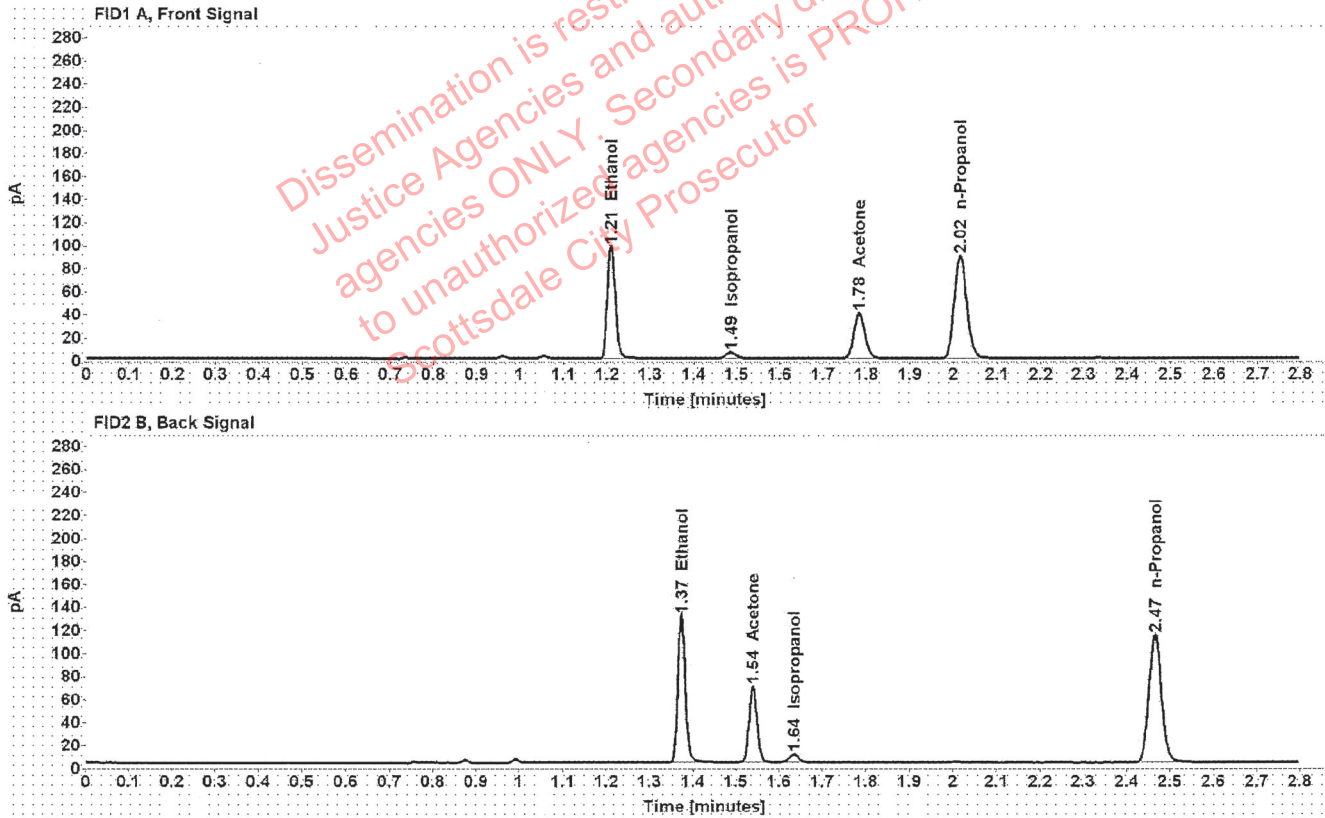


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1949	1.209	123.478
Isopropanol	-----	1.486	7.800
Acetone	-----	1.783	68.983
n-Propanol	-----	2.015	176.940

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

Compound	Time (min)	Peak Area
Ethanol	1.373	156.352
Acetone	1.539	87.682
Isopropanol	1.636	11.238
n-Propanol	2.465	223.353

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701ME	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:09:55 PM
Data file:	C:\Chem32\1\Data\21Sep21\19.D	Analyst:	Brooke

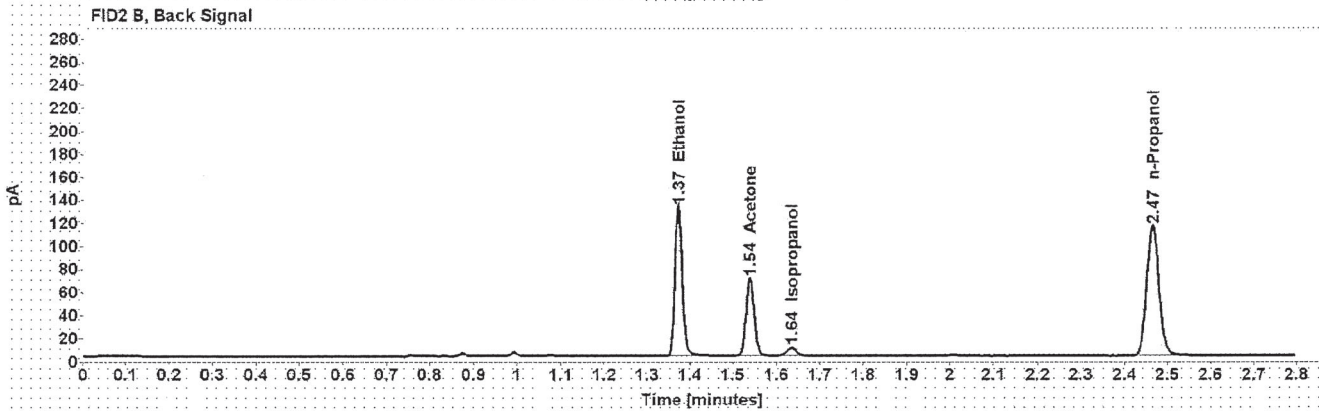
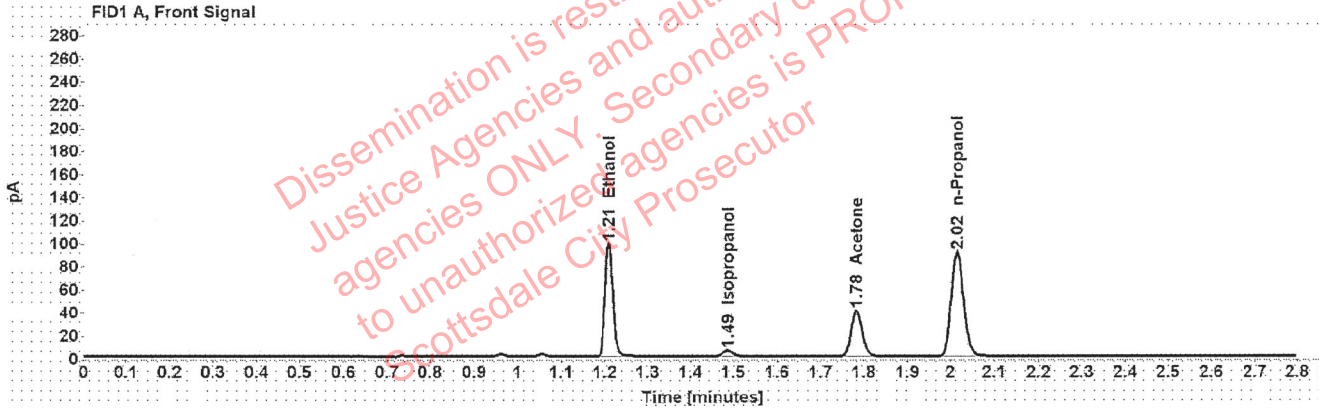


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1952	1.209	125.379
Isopropanol	-----	1.486	7.802
Acetone	-----	1.783	69.862
n-Propanol	-----	2.015	179.386

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

Compound	Time (min)	Peak Area
Ethanol	1.373	158.451
Acetone	1.539	88.834
Isopropanol	1.636	11.292
n-Propanol	2.465	226.246

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701AT	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:17:55 PM
Data file:	C:\Chem32\1\Data\21Sep21\21.D	Analyst:	Brooke

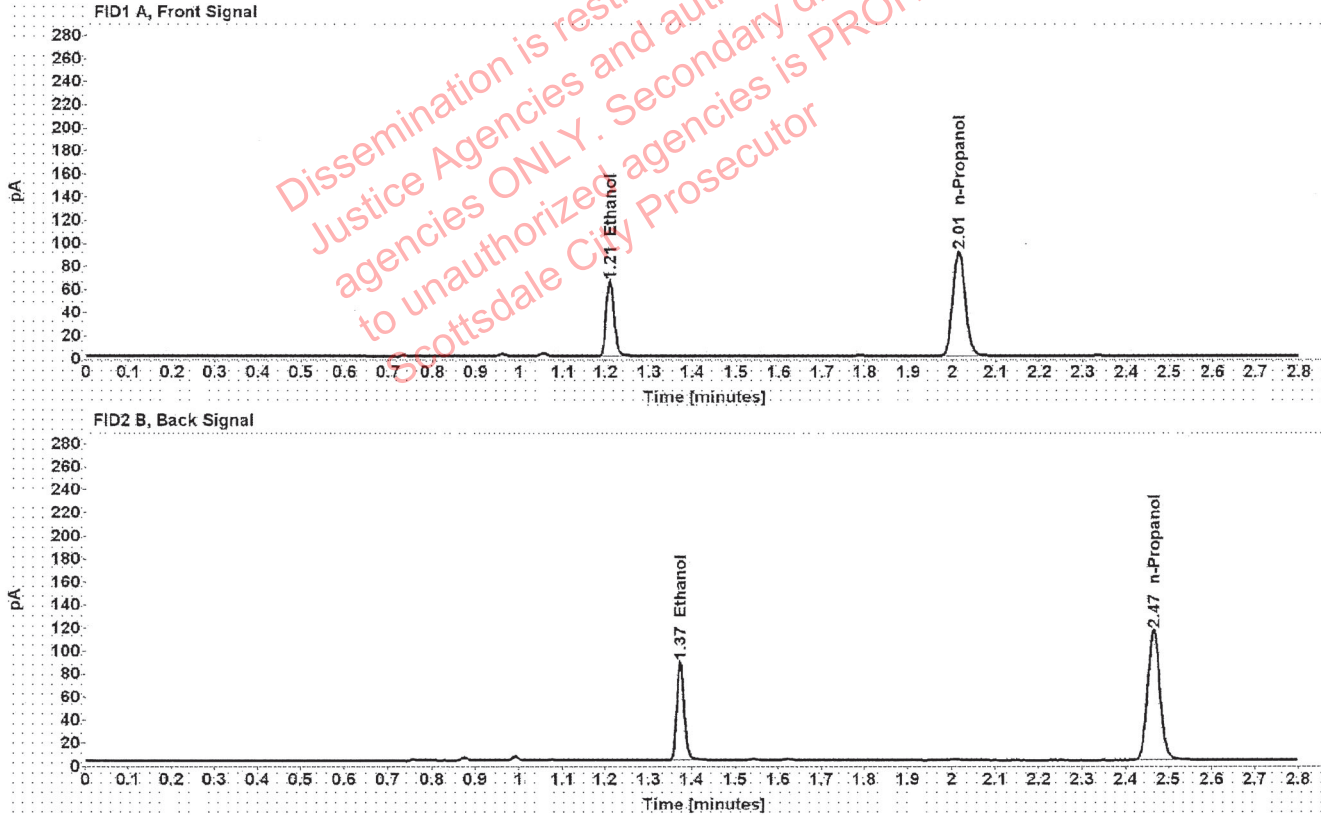


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1284	1.210	82.465
n-Propanol	-----	2.015	179.890

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

Compound	Time (min)	Peak Area
Ethanol	1.373	104.212
n-Propanol	2.465	227.663

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701AT	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:21:55 PM
Data file:	C:\Chem32\1\Data\21Sep21\22.D	Analyst:	Brooke

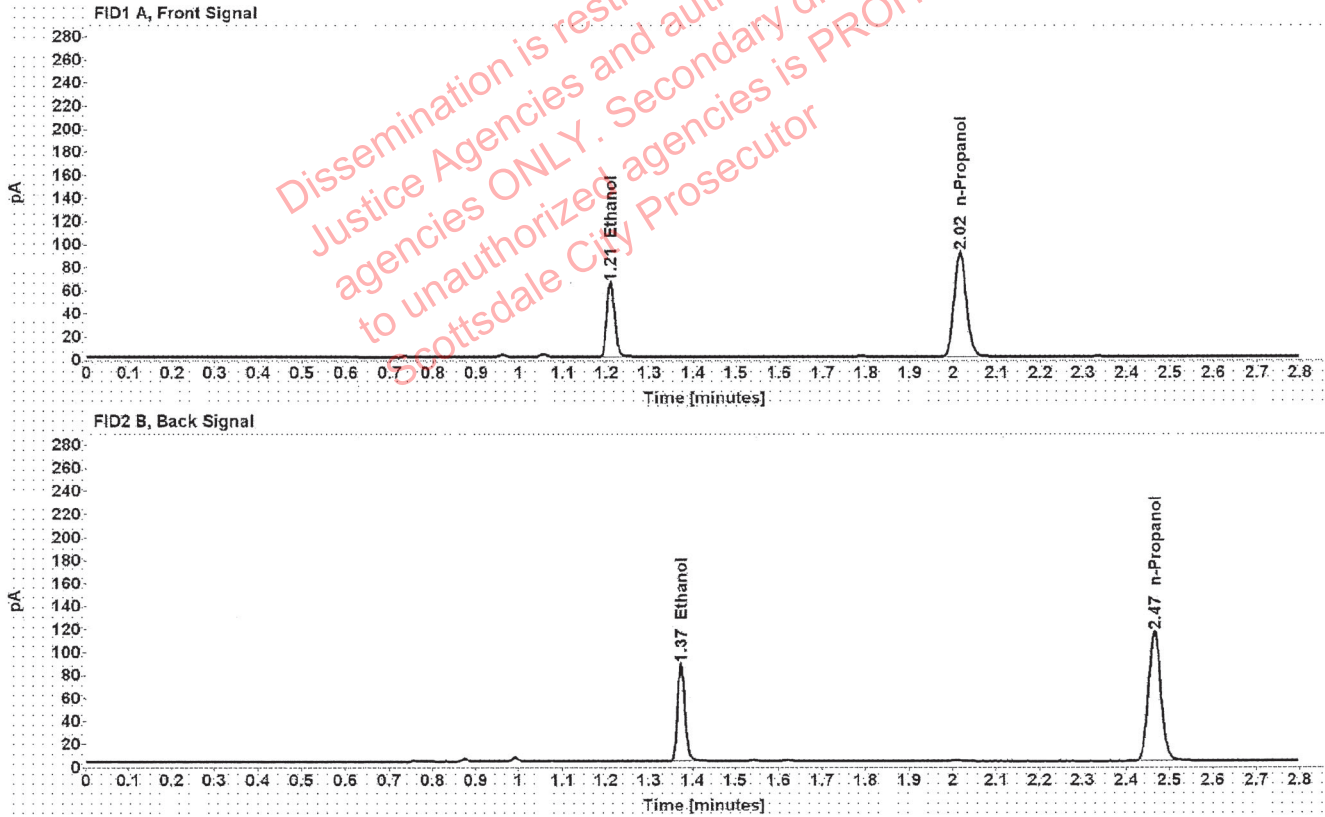


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1280	1.210	81.868
n-Propanol	-----	2.015	179.073

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

Compound	Time (min)	Peak Area
Ethanol	1.373	103.347
n-Propanol	2.465	226.545

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801SC	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:25:54 PM
Data file:	C:\Chem32\1\Data\21Sep21\23.D	Analyst:	Brooke

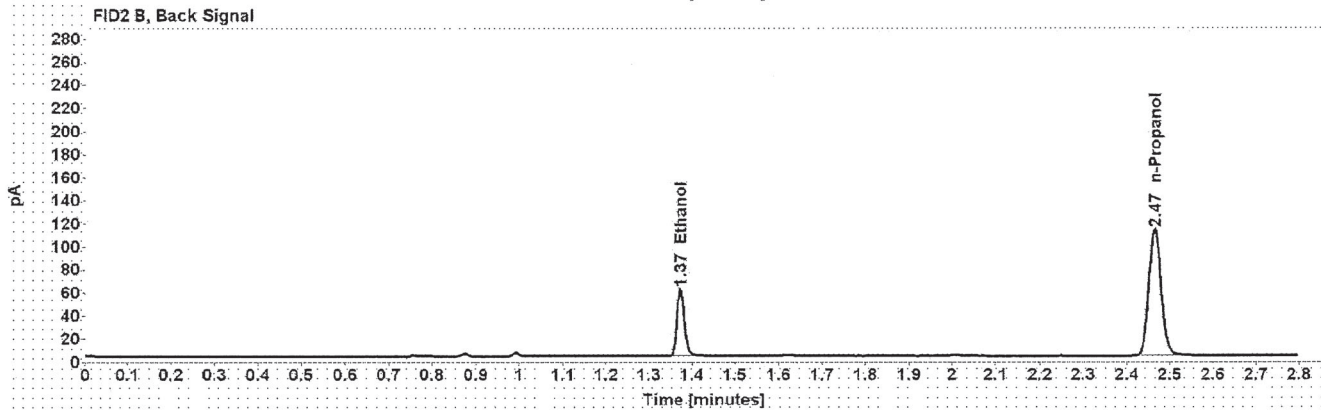
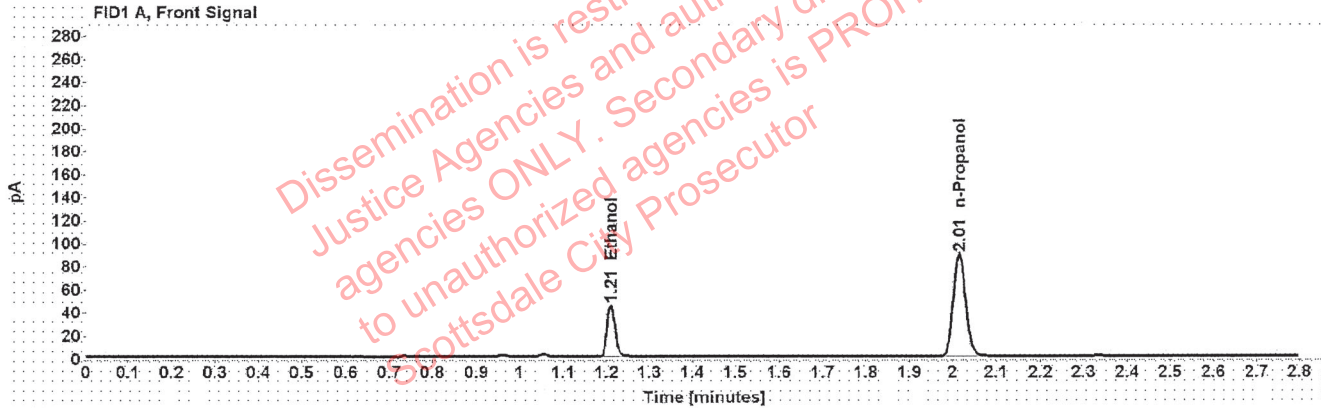


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0909	1.210	56.602
n-Propanol	-----	2.015	174.990

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

Compound	Time (min)	Peak Area
Ethanol	1.374	71.169
n-Propanol	2.465	221.468

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801SC	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:29:55 PM
Data file:	C:\Chem32\1\Data\21Sep21\24.D	Analyst:	Brooke

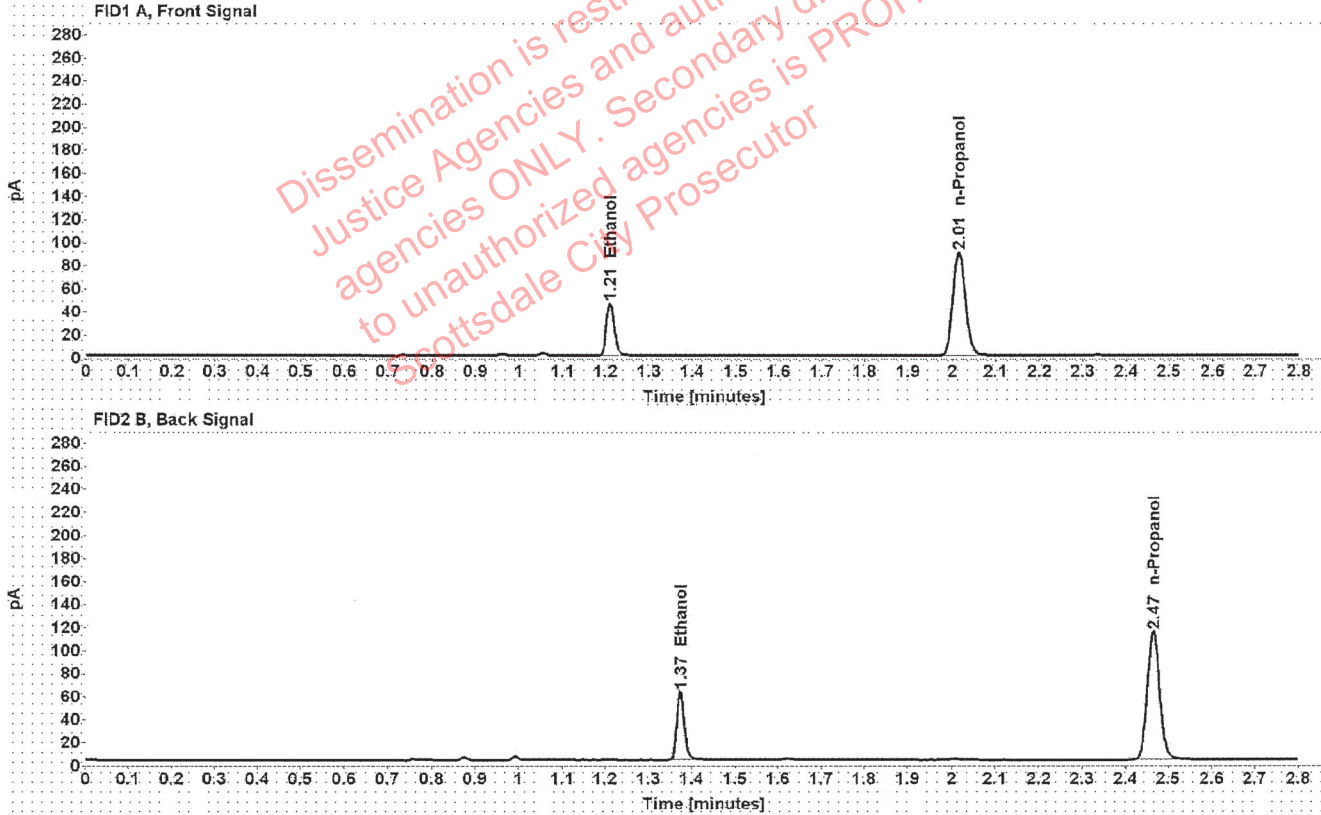


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0918	1.210	58.077
n-Propanol	-----	2.015	177.828

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

Compound	Time (min)	Peak Area
Ethanol	1.374	73.097
n-Propanol	2.465	224.937

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801EZ	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:34:10 PM
Data file:	C:\Chem32\1\Data\21Sep21\25.D	Analyst:	Brooke

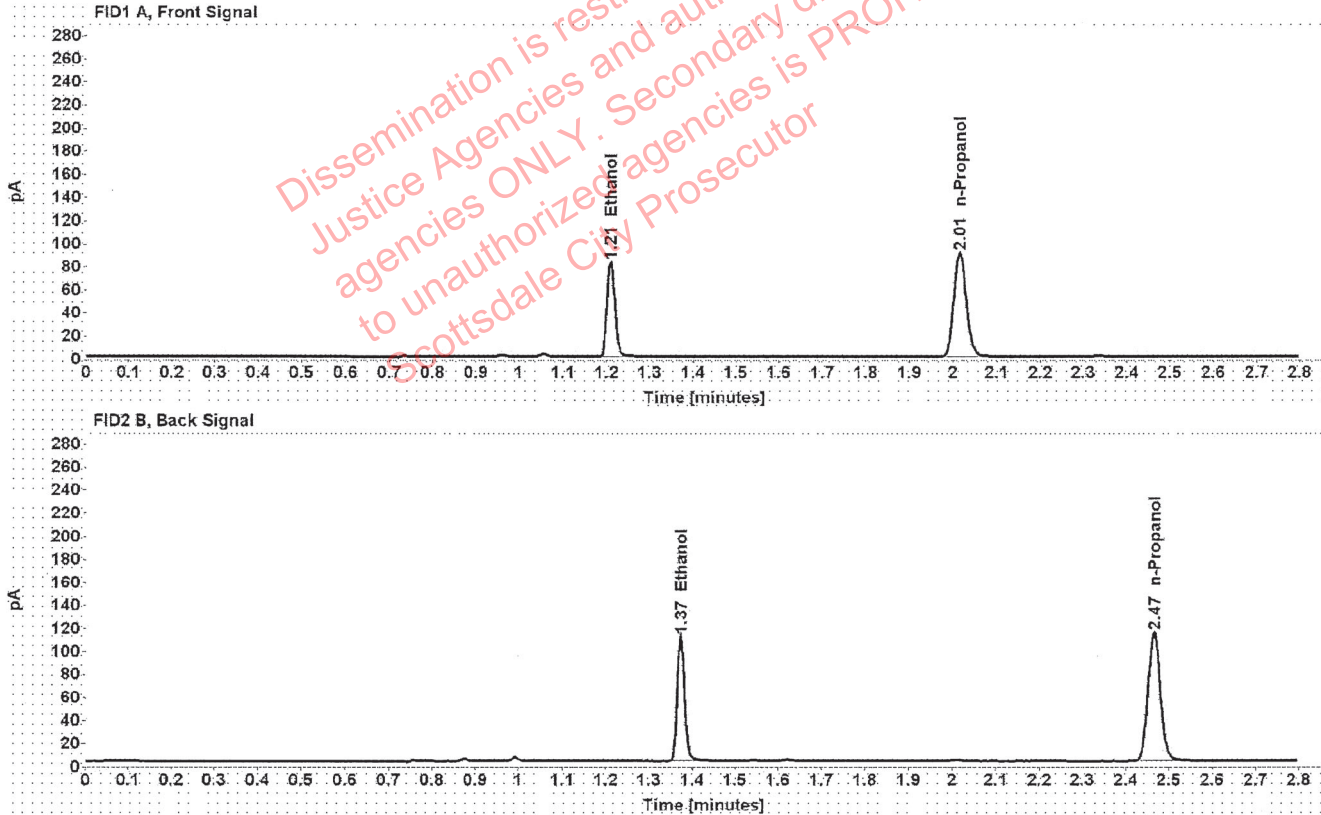


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1652	1.209	105.238
n-Propanol	-----	2.015	178.085

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

Compound	Time (min)	Peak Area
Ethanol	1.373	132.557
n-Propanol	2.465	225.397

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801EZ	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:38:10 PM
Data file:	C:\Chem32\1\Data\21Sep21\26.D	Analyst:	Brooke

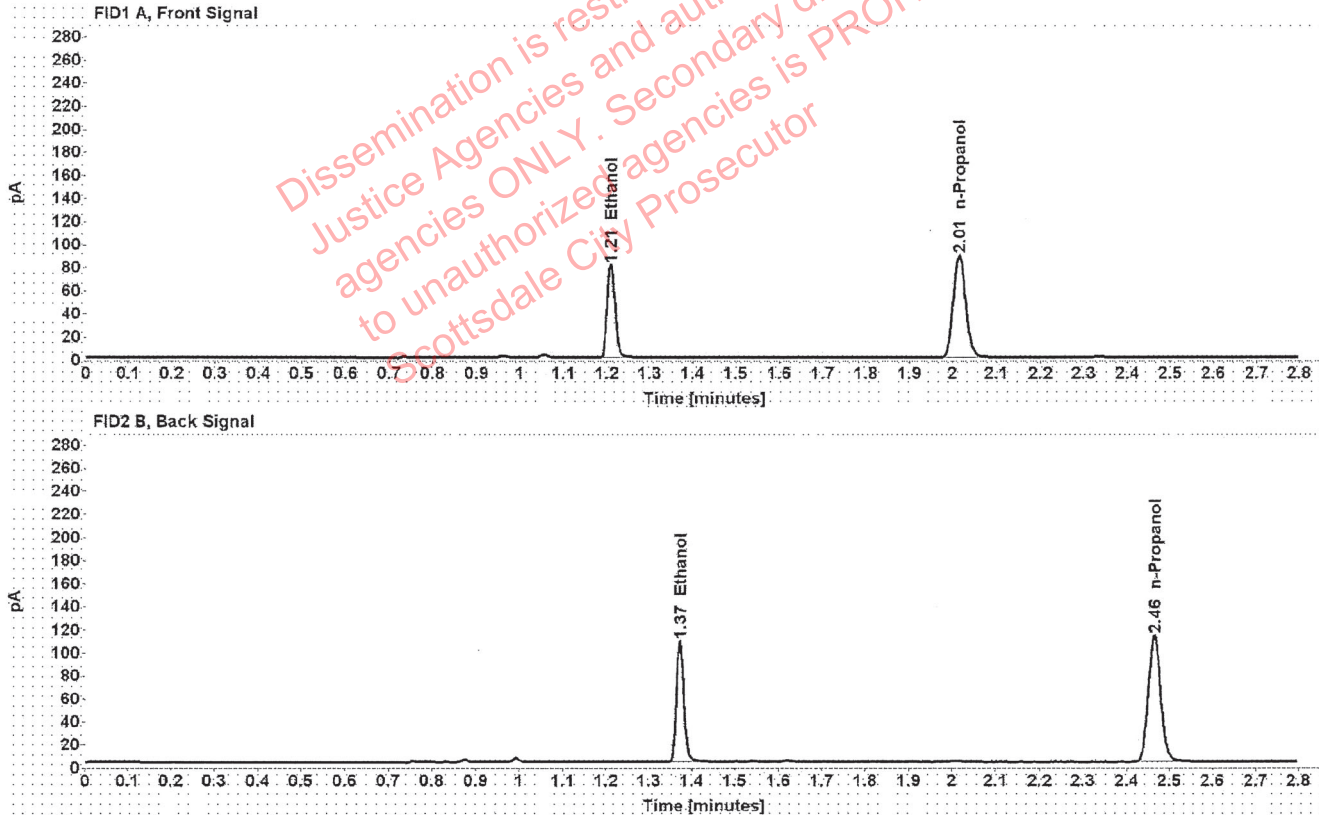


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1632	1.209	102.427
n-Propanol	-----	2.015	175.467

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

Compound	Time (min)	Peak Area
Ethanol	1.373	129.318
n-Propanol	2.465	222.036

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801SL	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:42:10 PM
Data file:	C:\Chem32\1\Data\21Sep21\27.D	Analyst:	Brooke

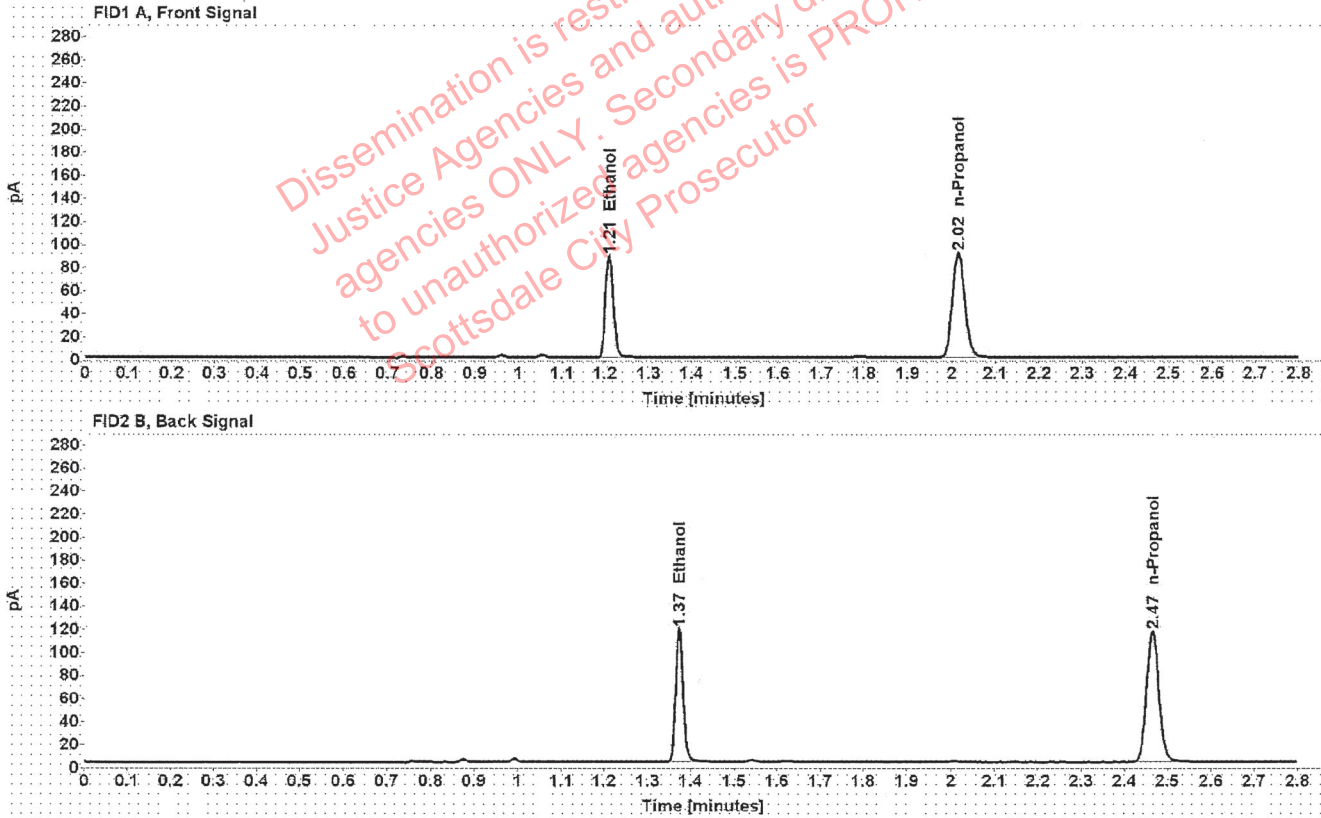


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1733	1.209	112.005
n-Propanol	-----	2.015	180.554

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

Compound	Time (min)	Peak Area
Ethanol	1.373	141.482
n-Propanol	2.465	228.309

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801SL	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:46:10 PM
Data file:	C:\Chem32\1\Data\21Sep21\28.D	Analyst:	Brooke

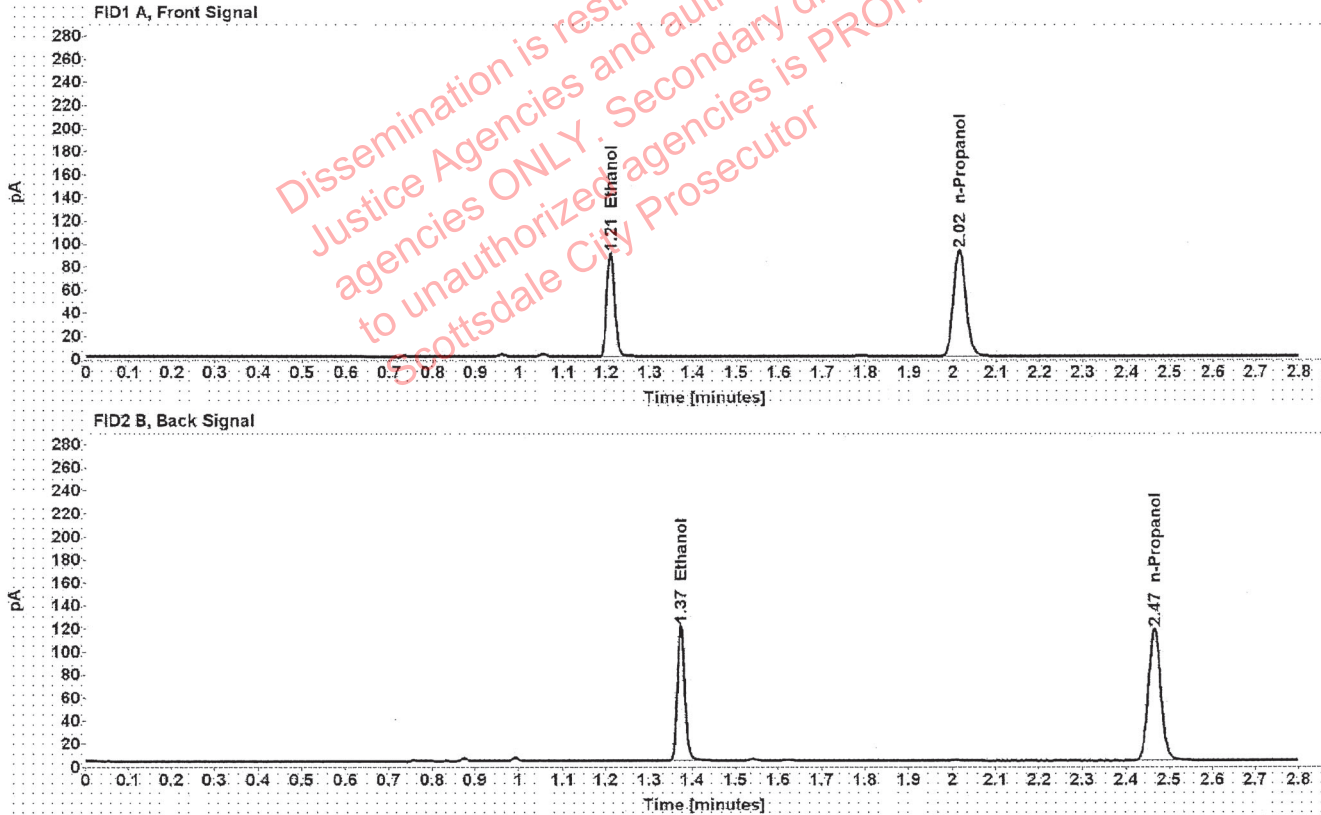


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1740	1.209	114.169
n-Propanol	-----	2.015	183.351

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

Compound	Time (min)	Peak Area
Ethanol	1.373	144.136
n-Propanol	2.465	231.561

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32601CD	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:50:10 PM
Data file:	C:\Chem32\1\Data\21Sep21\29.D	Analyst:	Brooke

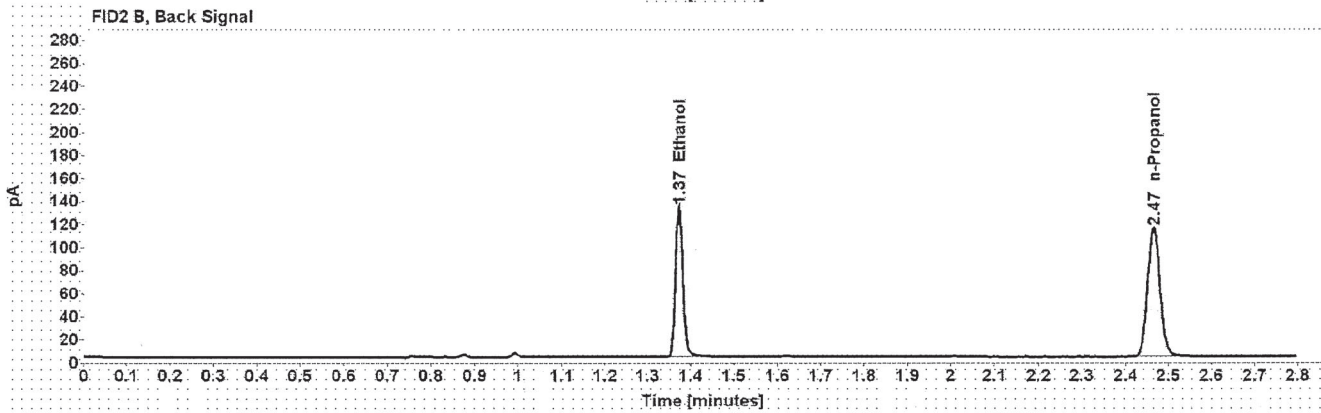
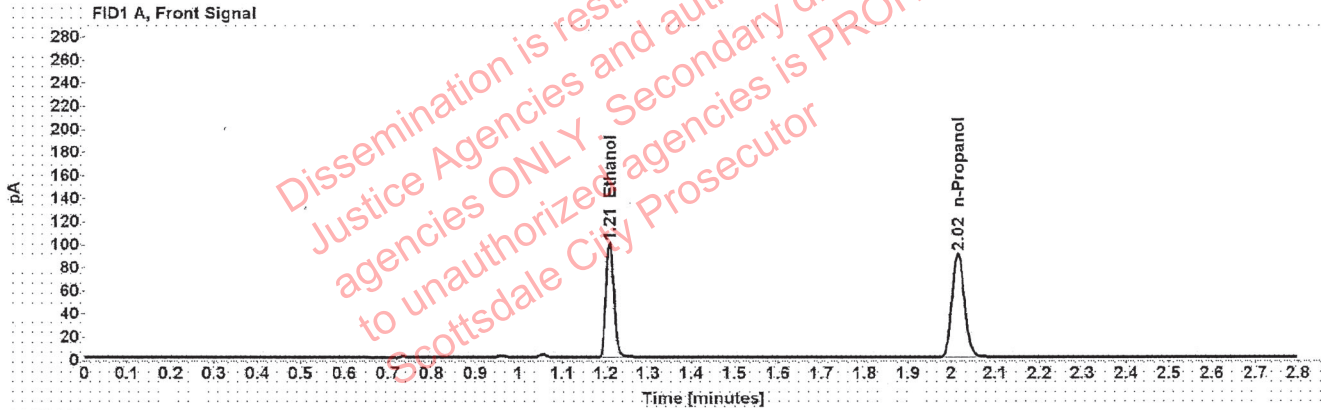


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1968	1.209	126.123
n-Propanol	-----	2.015	178.926

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

Compound	Time (min)	Peak Area
Ethanol	1.373	159.454
n-Propanol	2.465	226.119

[REDACTED]: Brooke, Phillip - (21-Sep-2021)

Case: [REDACTED] User: pbrooke 9/21/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32601CD	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 12:54:10 PM
Data file:	C:\Chem32\1\Data\21Sep21\30.D	Analyst:	Brooke

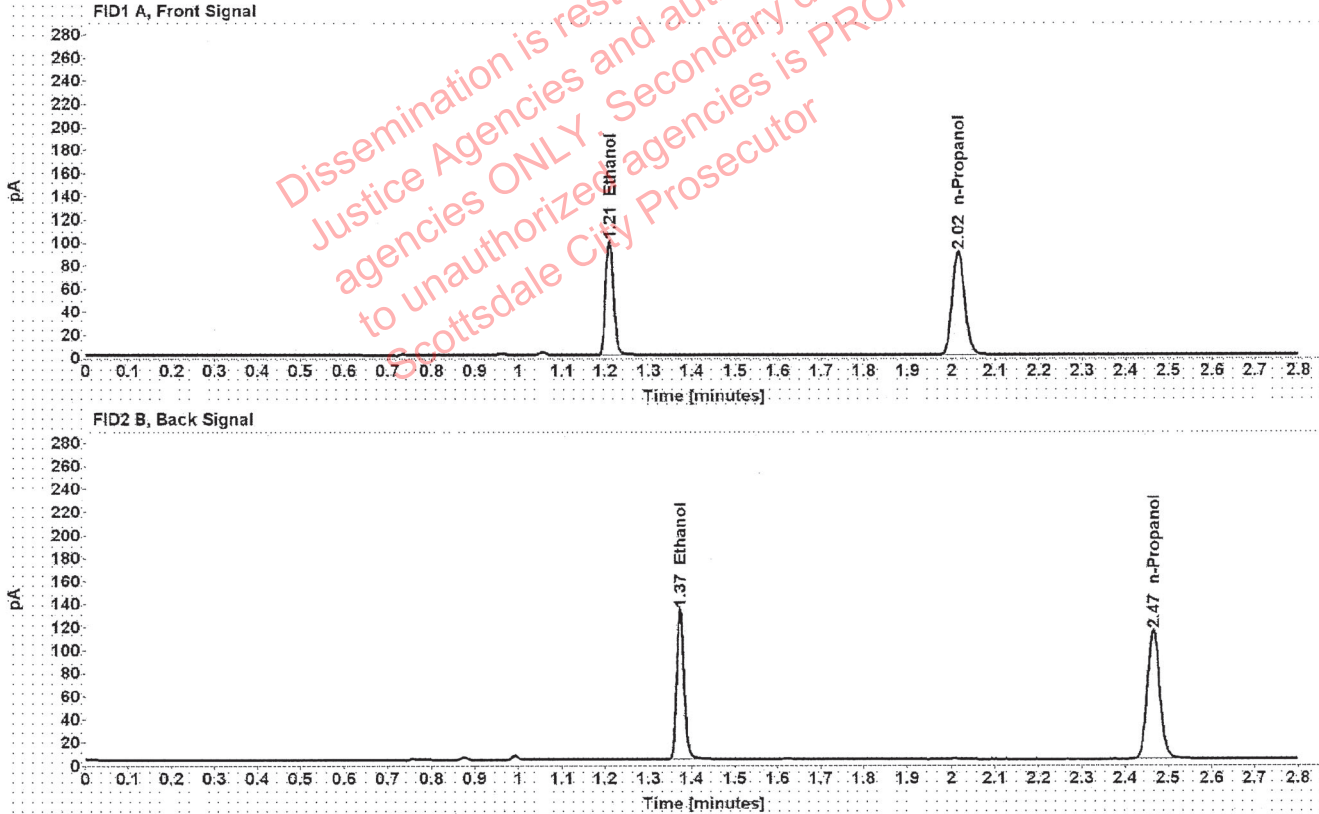


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1973	1.209	125.897
n-Propanol	-----	2.015	178.188

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

Compound	Time (min)	Peak Area
Ethanol	1.373	158.859
n-Propanol	2.466	225.059

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701GC	Vial:	32
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:02:25 PM
Data file:	C:\Chem32\1\Data\21Sep21\32.D	Analyst:	Brooke

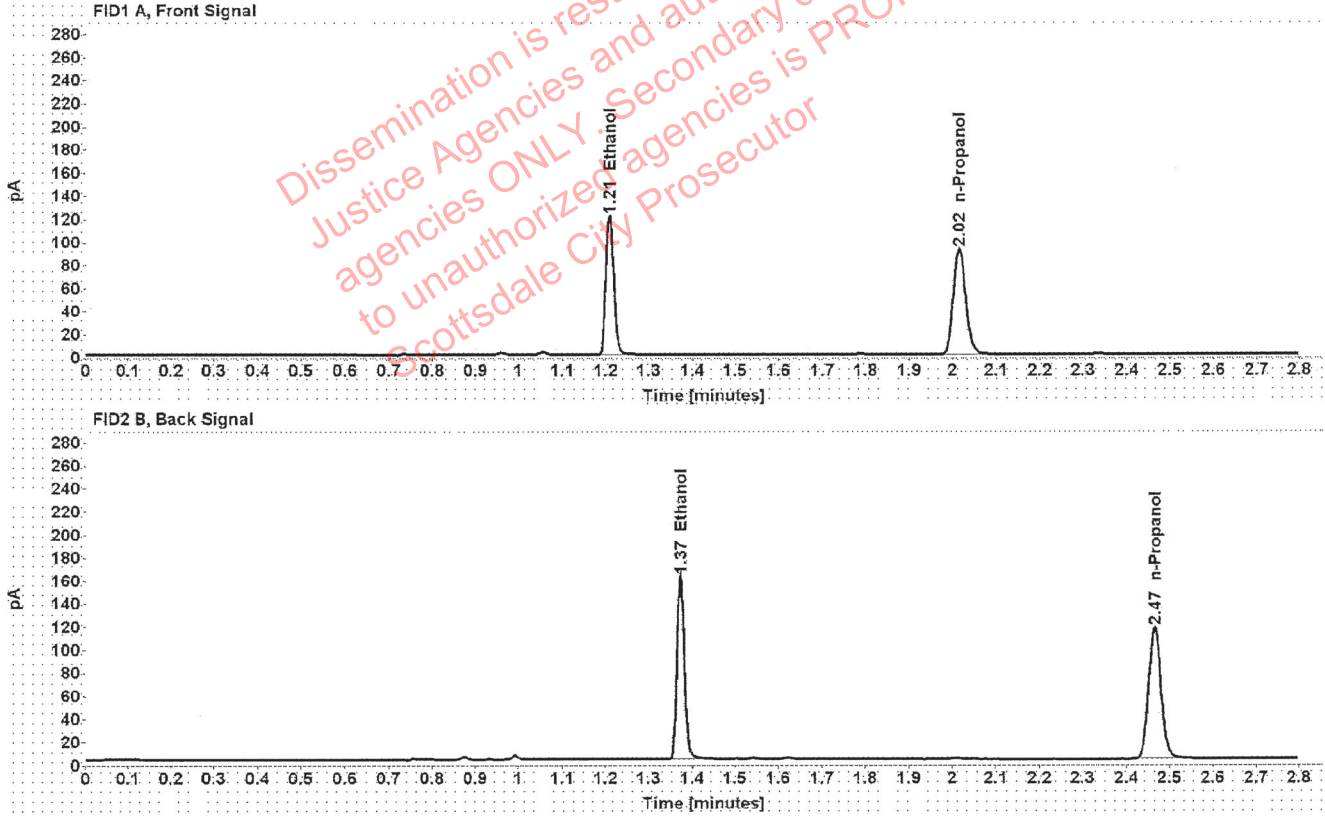


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2357	1.209	153.578
n-Propanol	-----	2.015	181.782

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

Compound	Time (min)	Peak Area
Ethanol	1.373	195.949
n-Propanol	2.465	229.778

[REDACTED]: Brooke, Phillip - (21-Sep-2021)

Case: [REDACTED] User: pbrooke 9/21/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701GC	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:06:25 PM
Data file:	C:\Chem32\1\Data\21Sep21\33.D	Analyst:	Brooke

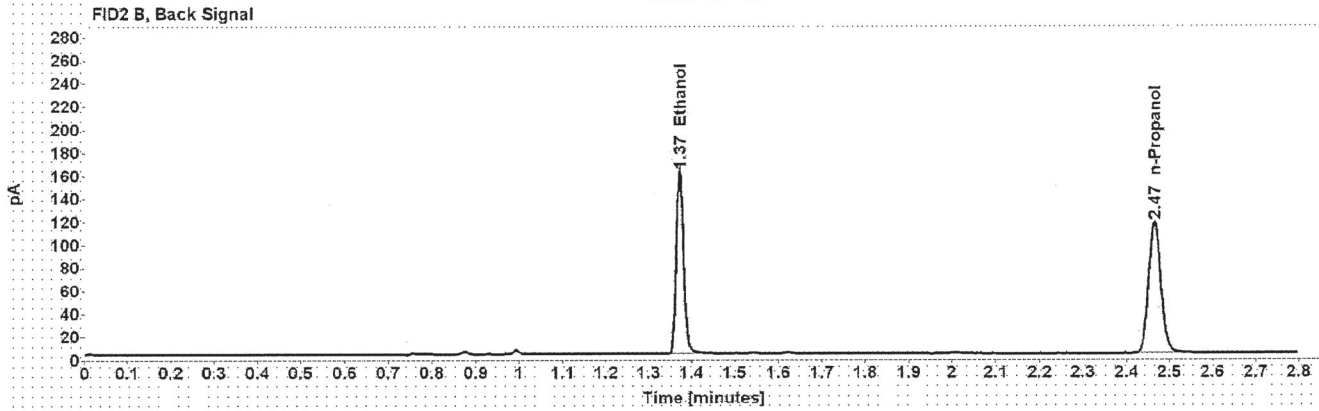
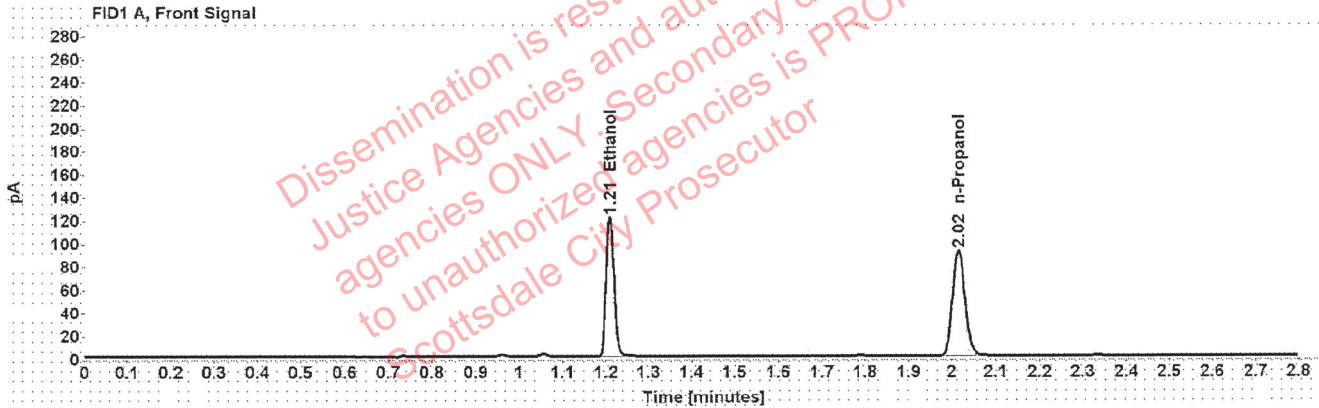


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2356	1.209	153.936
n-Propanol	-----	2.015	182.222

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

Compound	Time (min)	Peak Area
Ethanol	1.373	196.242
n-Propanol	2.465	230.267

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1388592	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:10:25 PM
Data file:	C:\Chem32\1\Data\21Sep21\34.D	Analyst:	Brooke

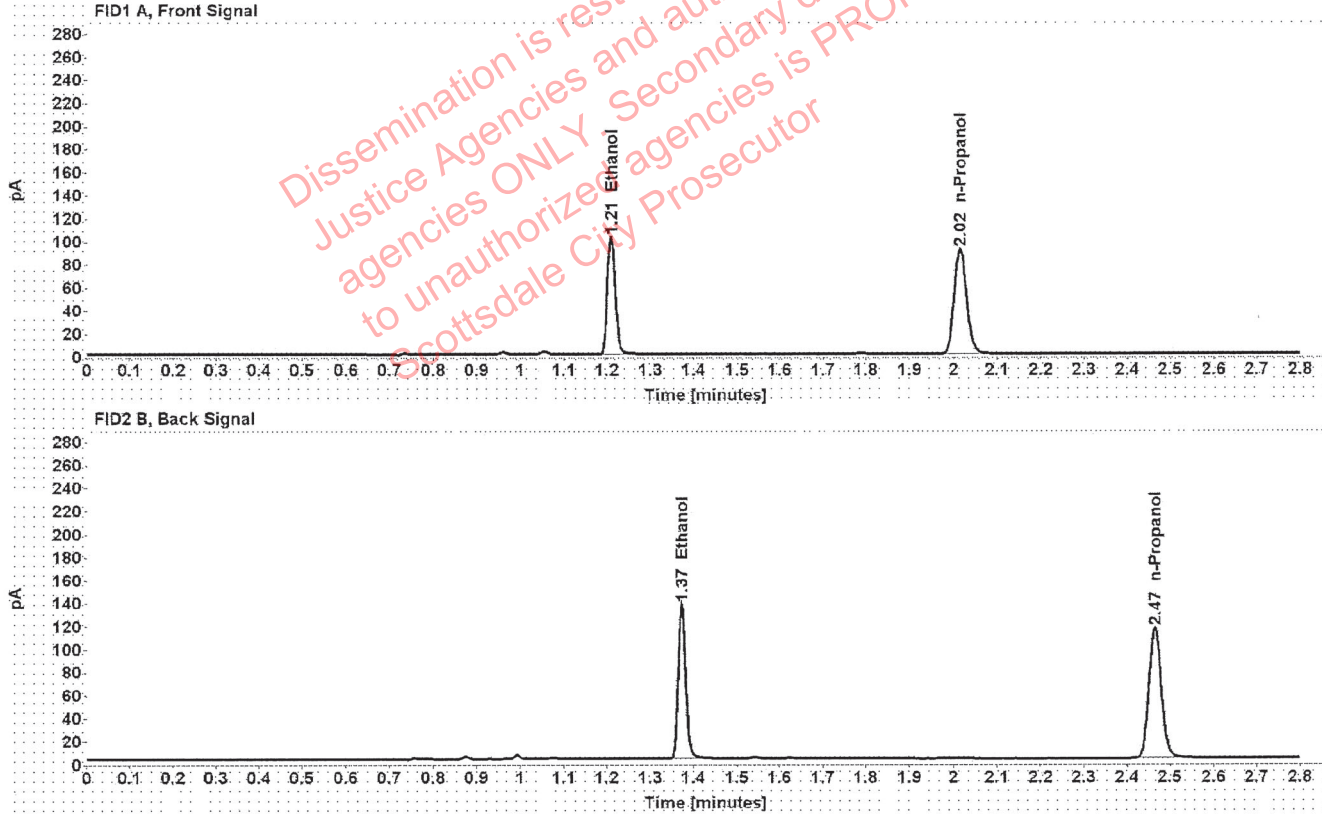


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2009	1.209	129.989
n-Propanol	-----	2.015	180.645

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

Compound	Time (min)	Peak Area
Ethanol	1.373	165.913
n-Propanol	2.465	227.591

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1388592	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:14:25 PM
Data file:	C:\Chem32\1\Data\21Sep21\35.D	Analyst:	Brooke

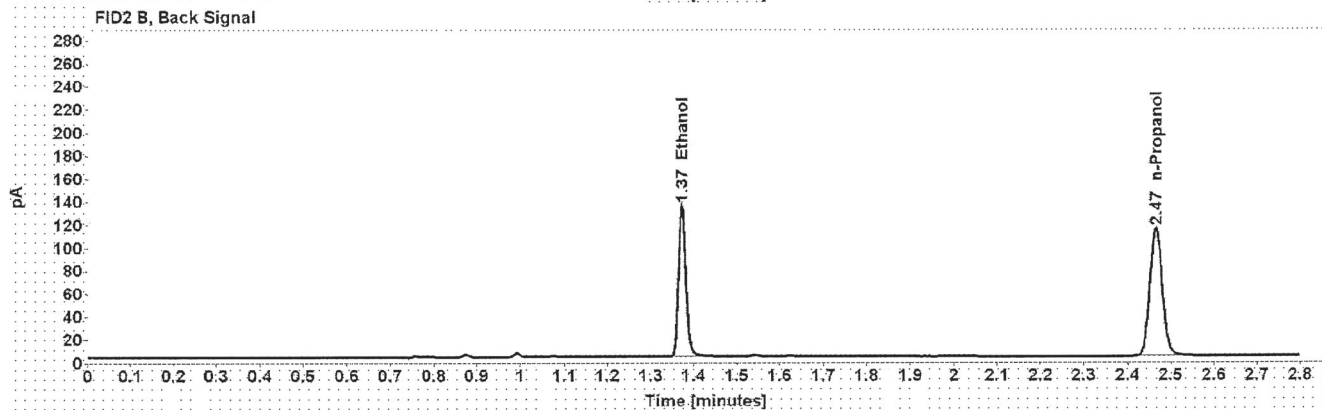
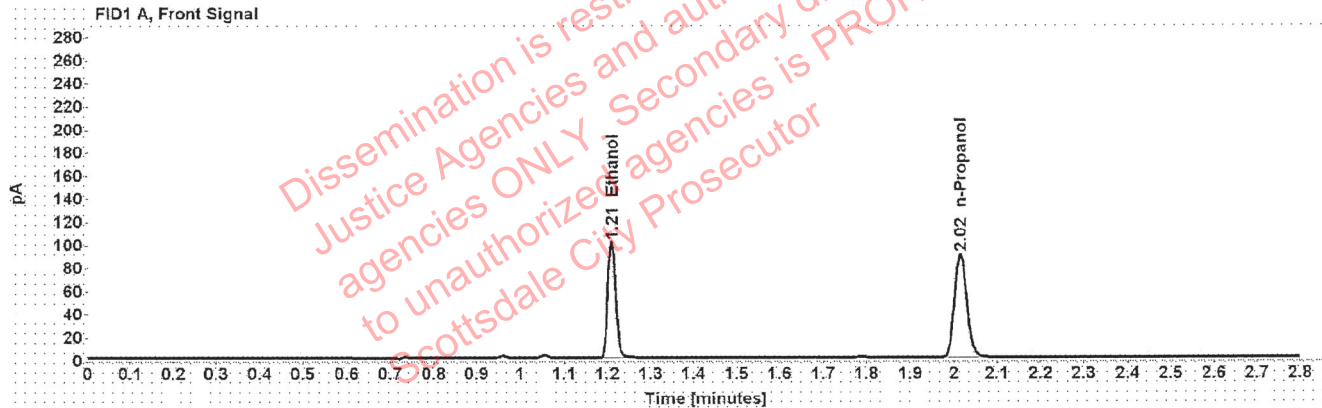


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2003	1.209	127.866
n-Propanol	-----	2.015	178.192

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

Compound	Time (min)	Peak Area
Ethanol	1.373	163.076
n-Propanol	2.465	224.569

[REDACTED]: Brooke, Phillip - (21-Sep-2021)

Case: [REDACTED] User: pbrooke 9/21/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1389448	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:18:25 PM
Data file:	C:\Chem32\1\Data\21Sep21\36.D	Analyst:	Brooke

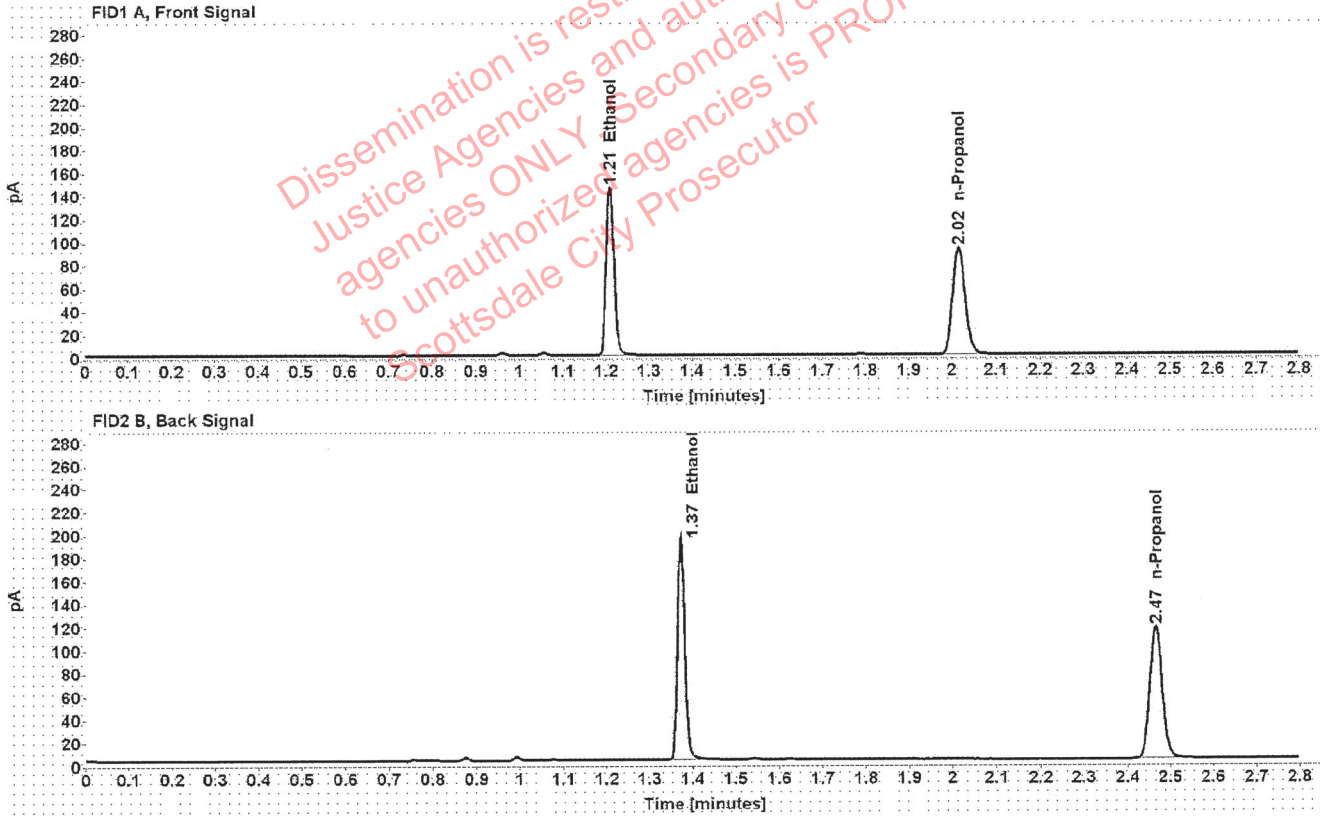


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2826	1.209	185.360
n-Propanol	-----	2.015	182.808

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

Compound	Time (min)	Peak Area
Ethanol	1.373	235.941
n-Propanol	2.465	230.262

Brooke, Phillip - (21-Sep-2021)

Case: User: pbrooke 9/21/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1389448	Vial:	37
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:22:39 PM
Data file:	C:\Chem32\1\Data\21Sep21\37.D	Analyst:	Brooke

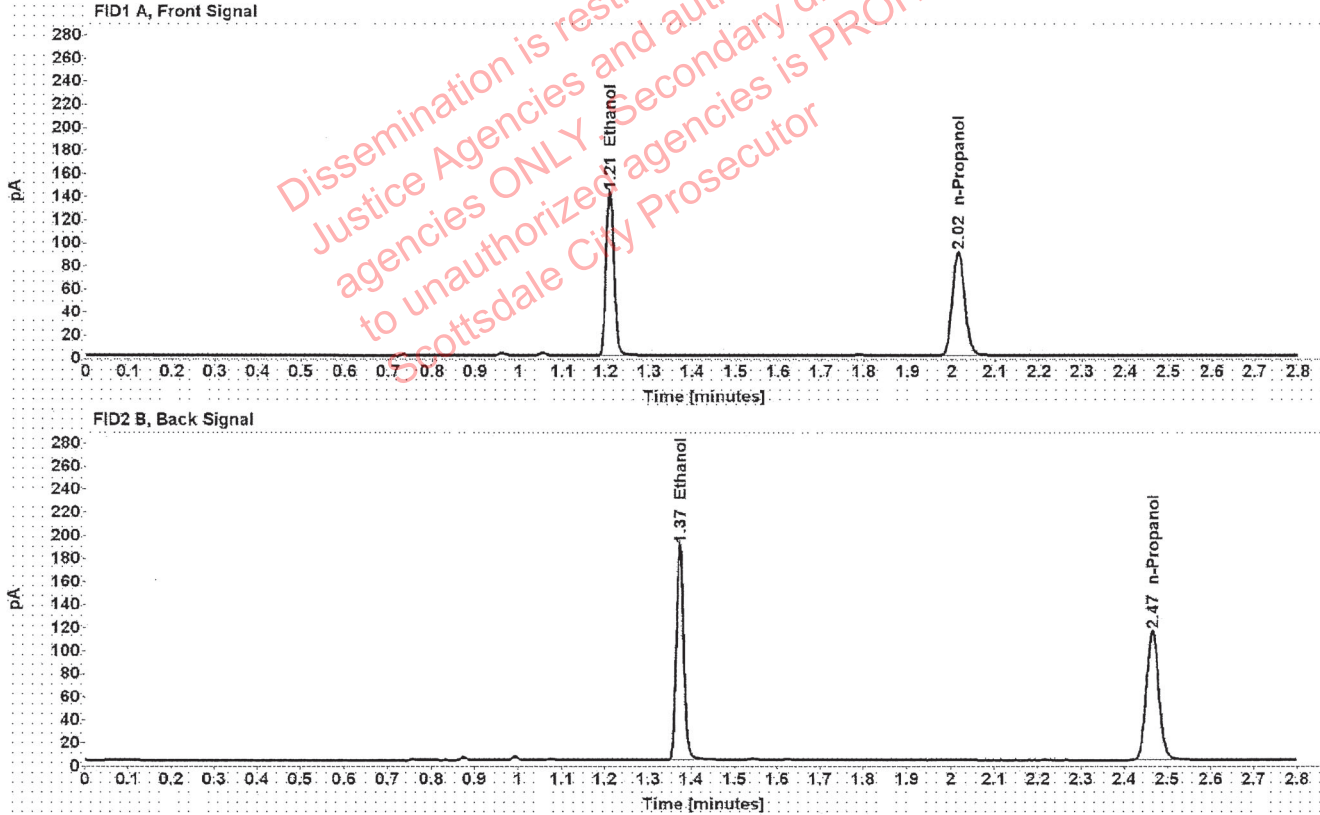


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2814	1.209	180.769
n-Propanol	-----	2.015	179.030

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

Compound	Time (min)	Peak Area
Ethanol	1.373	230.251
n-Propanol	2.465	225.218

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1389216	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:26:40 PM
Data file:	C:\Chem32\1\Data\21Sep21\38.D	Analyst:	Brooke

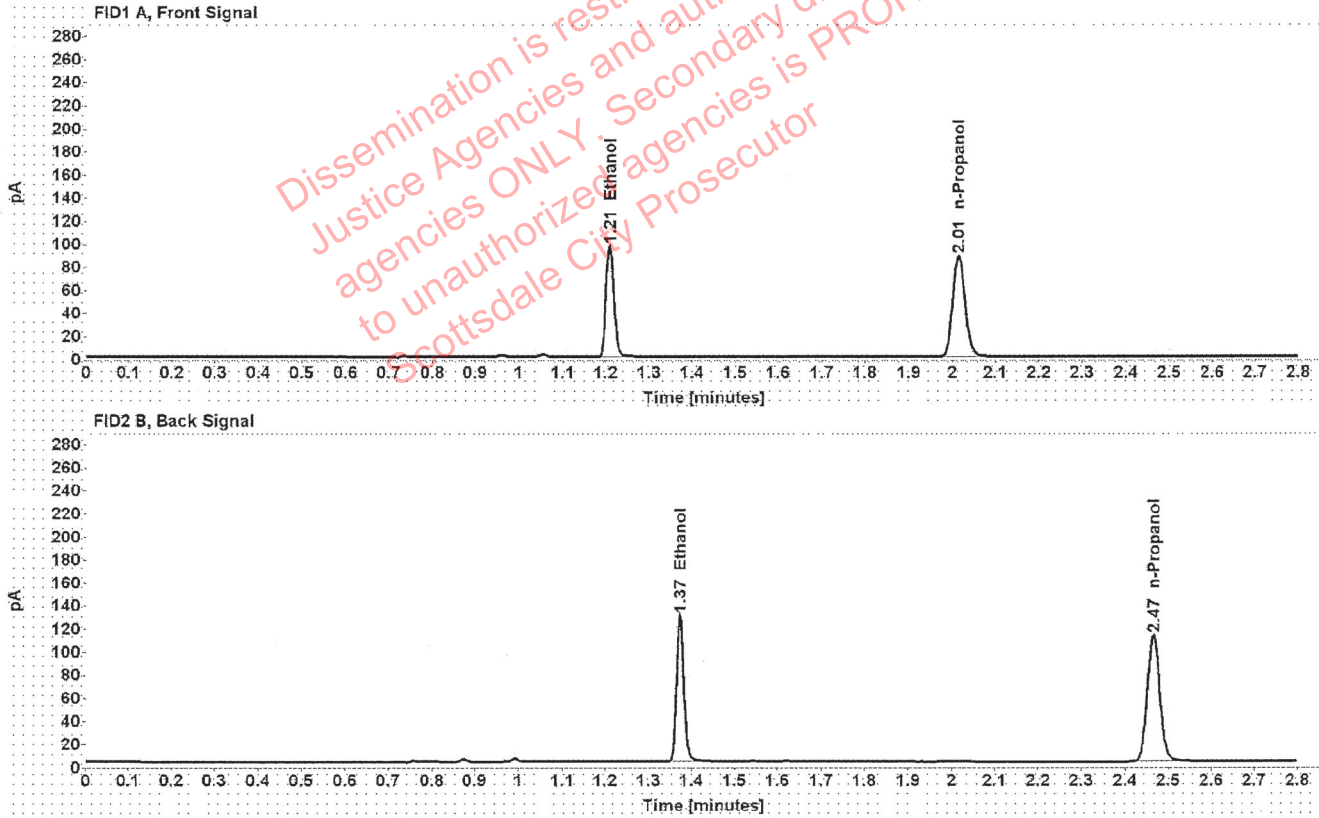


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1961	1.209	122.691
n-Propanol	-----	2.015	174.730

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

Compound	Time (min)	Peak Area
Ethanol	1.373	155.168
n-Propanol	2.465	220.534

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1389216	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:30:40 PM
Data file:	C:\Chem32\1\Data\21Sep21\39.D	Analyst:	Brooke

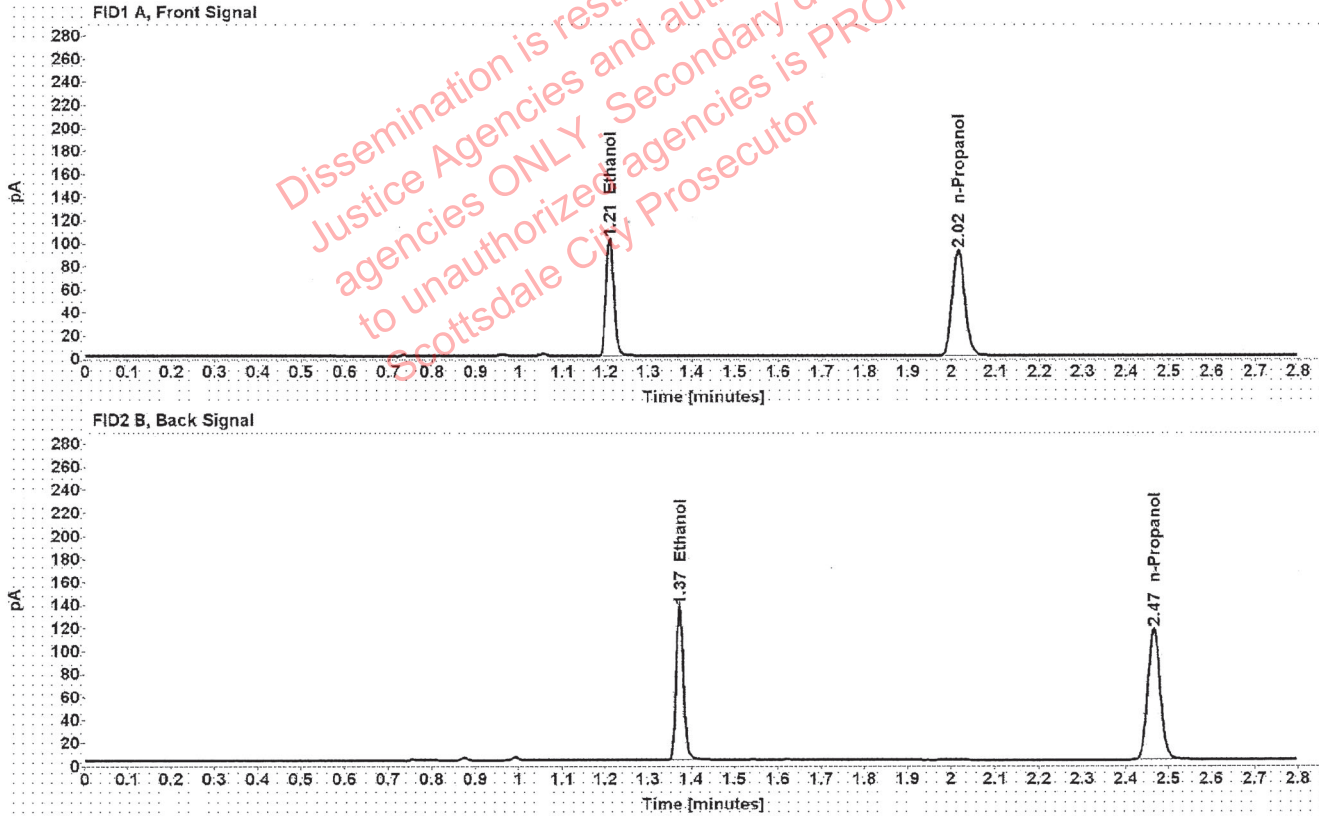


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1984	1.209	129.633
n-Propanol	-----	2.015	182.404

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

Compound	Time (min)	Peak Area
Ethanol	1.373	165.263
n-Propanol	2.465	230.238

[REDACTED]: Brooke, Phillip - (21-Sep-2021)

Case: [REDACTED] User: pbrooke 9/21/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1389419	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:34:40 PM
Data file:	C:\Chem32\1\Data\21Sep21\40.D	Analyst:	Brooke

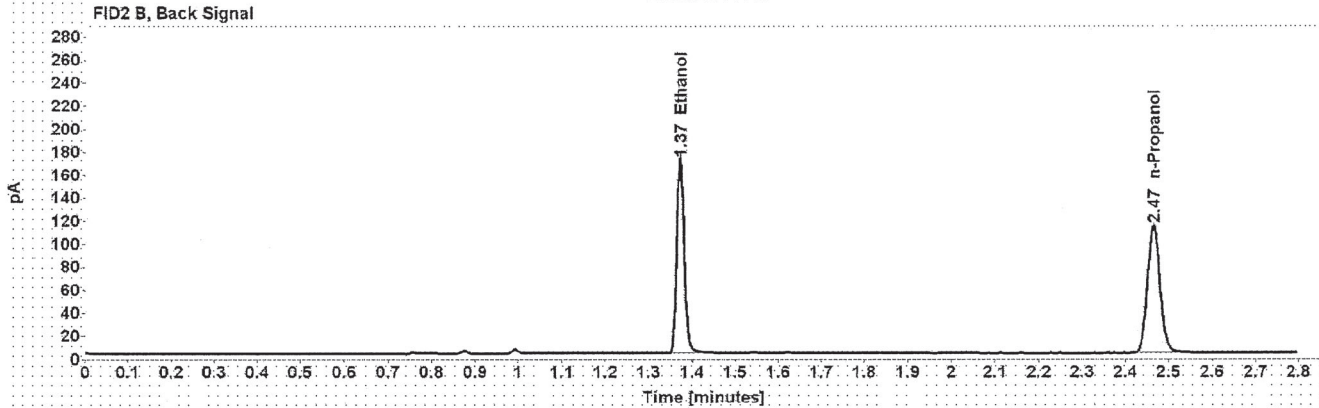
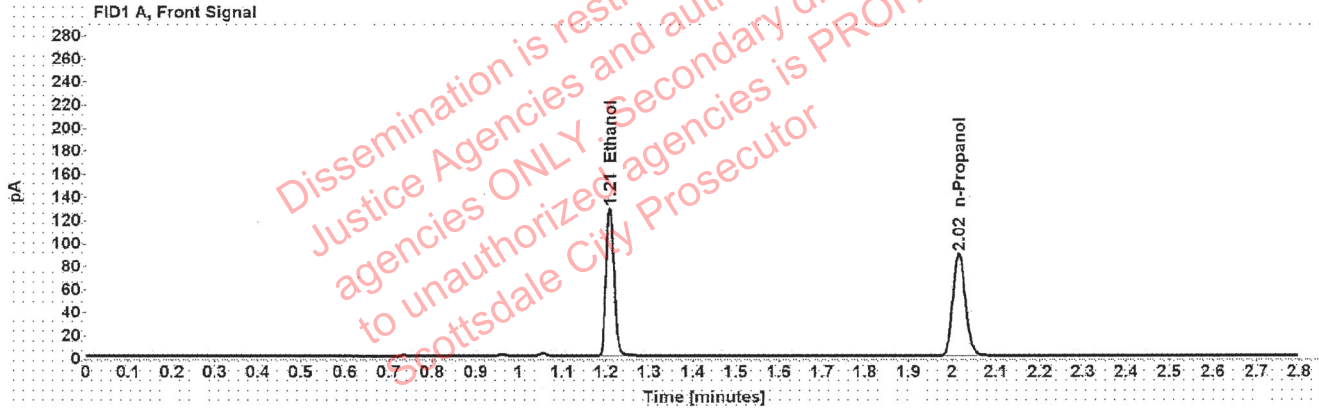


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2572	1.209	163.279
n-Propanol	-----	2.015	176.997

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

Compound	Time (min)	Peak Area
Ethanol	1.373	208.150
n-Propanol	2.465	223.377

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1389419	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:38:40 PM
Data file:	C:\Chem32\1\Data\21Sep21\41.D	Analyst:	Brooke

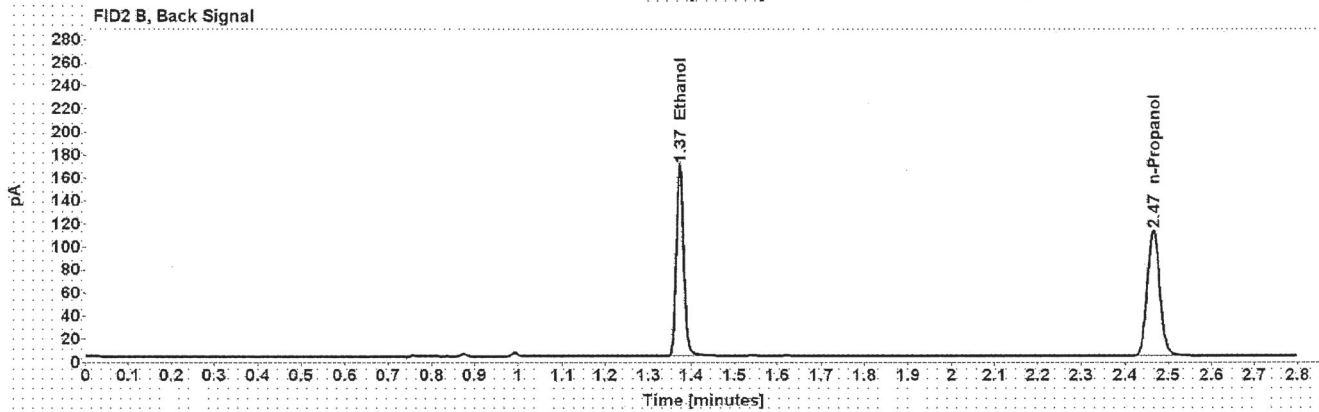
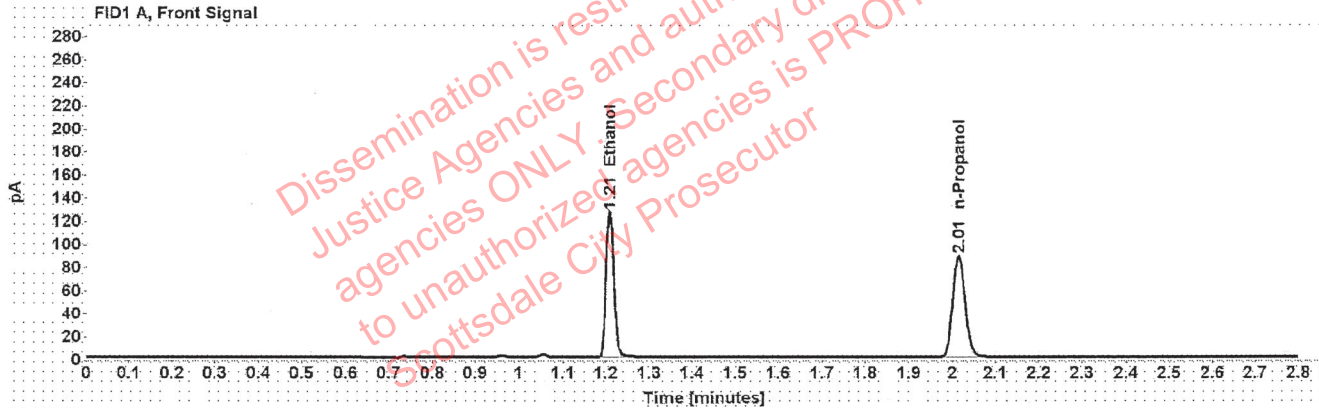


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2570	1.209	160.607
n-Propanol	-----	2.015	174.224

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

Compound	Time (min)	Peak Area
Ethanol	1.373	204.506
n-Propanol	2.465	220.029

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1389133	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:46:55 PM
Data file:	C:\Chem32\1\Data\21Sep21\43.D	Analyst:	Brooke

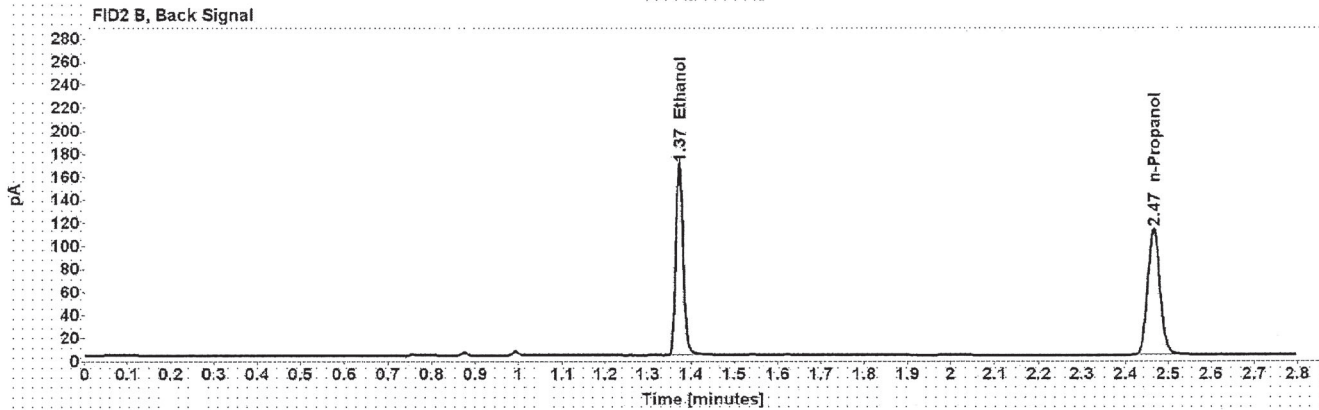
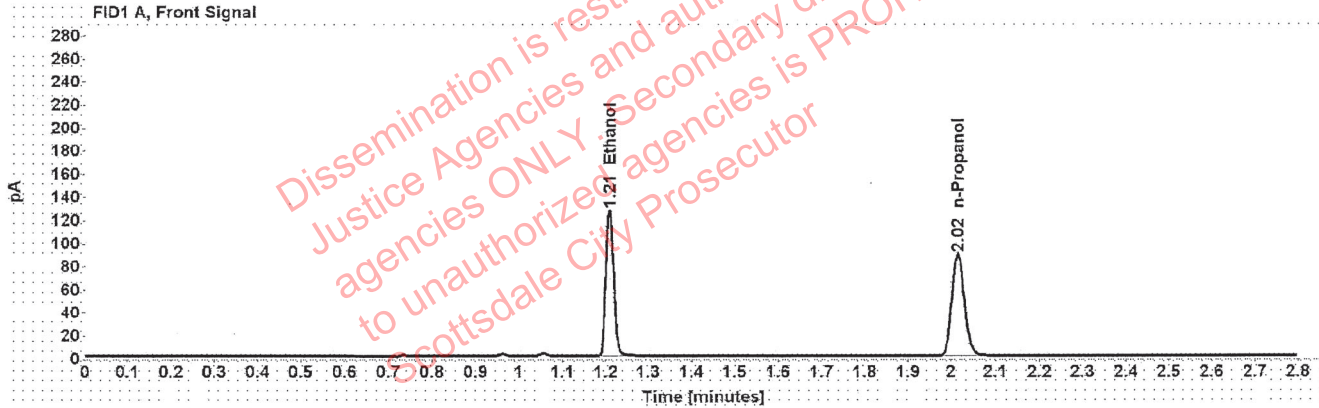


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2560	1.209	160.741
n-Propanol	-----	2.015	175.091

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

Compound	Time (min)	Peak Area
Ethanol	1.373	204.903
n-Propanol	2.465	220.371

[REDACTED]: Brooke, Phillip - (21-Sep-2021)

Case: [REDACTED] User: pbrooke 9/21/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1389133	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:50:55 PM
Data file:	C:\Chem32\1\Data\21Sep21\44.D	Analyst:	Brooke

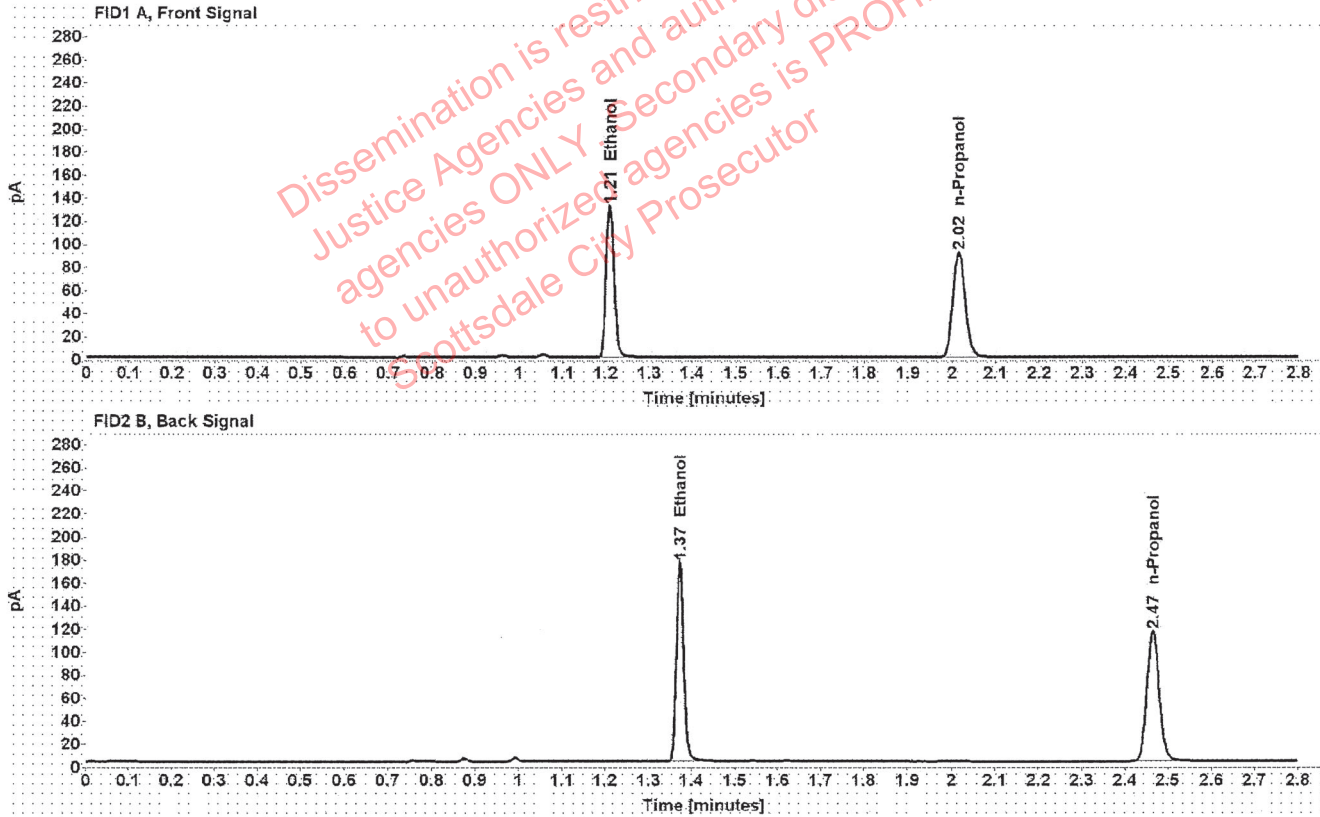


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2577	1.209	167.143
n-Propanol	-----	2.015	180.869

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

Compound	Time (min)	Peak Area
Ethanol	1.373	212.990
n-Propanol	2.465	227.799

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1388438	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:54:55 PM
Data file:	C:\Chem32\1\Data\21Sep21\45.D	Analyst:	Brooke

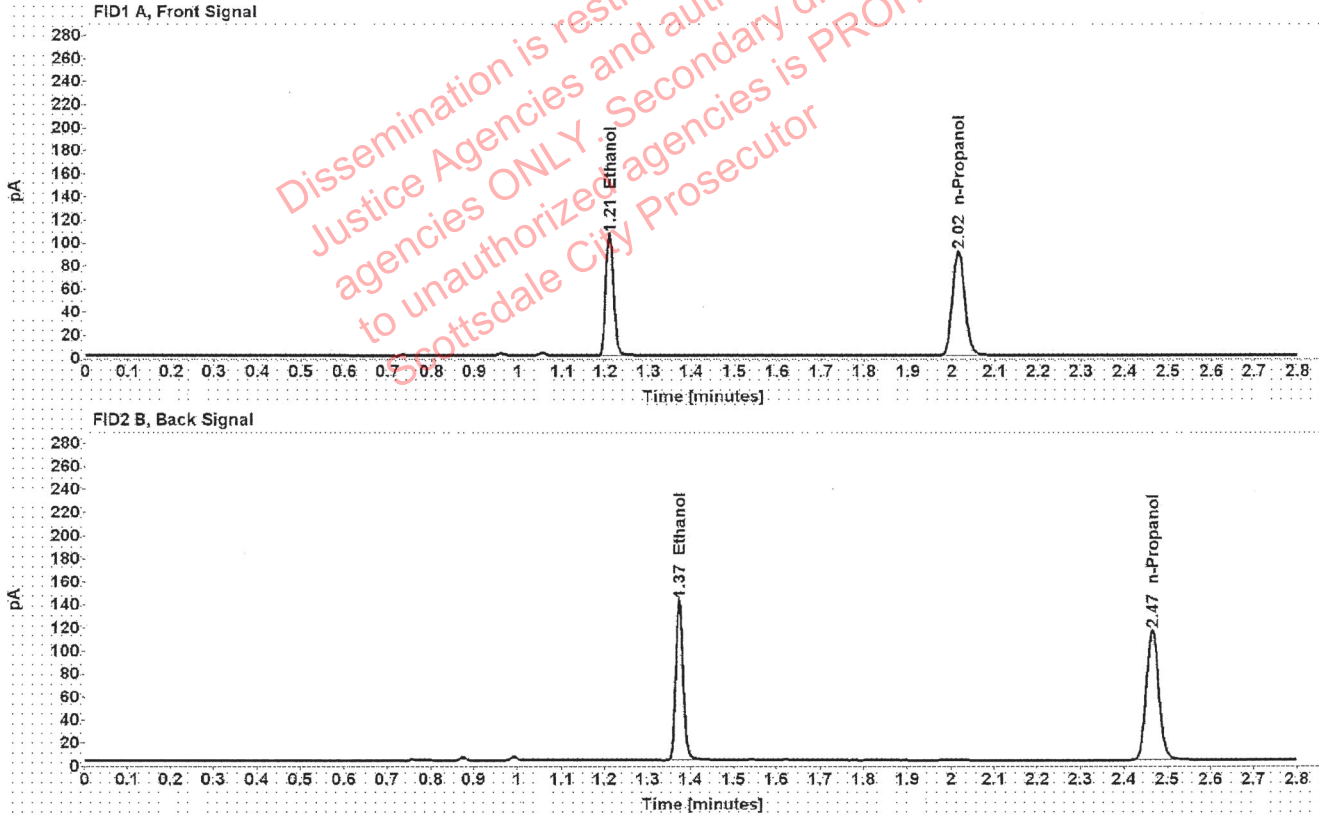


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2086	1.209	134.504
n-Propanol	-----	2.015	179.964

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

Compound	Time (min)	Peak Area
Ethanol	1.373	171.423
n-Propanol	2.465	226.691

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1388438	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 1:58:54 PM
Data file:	C:\Chem32\1\Data\21Sep21\46.D	Analyst:	Brooke

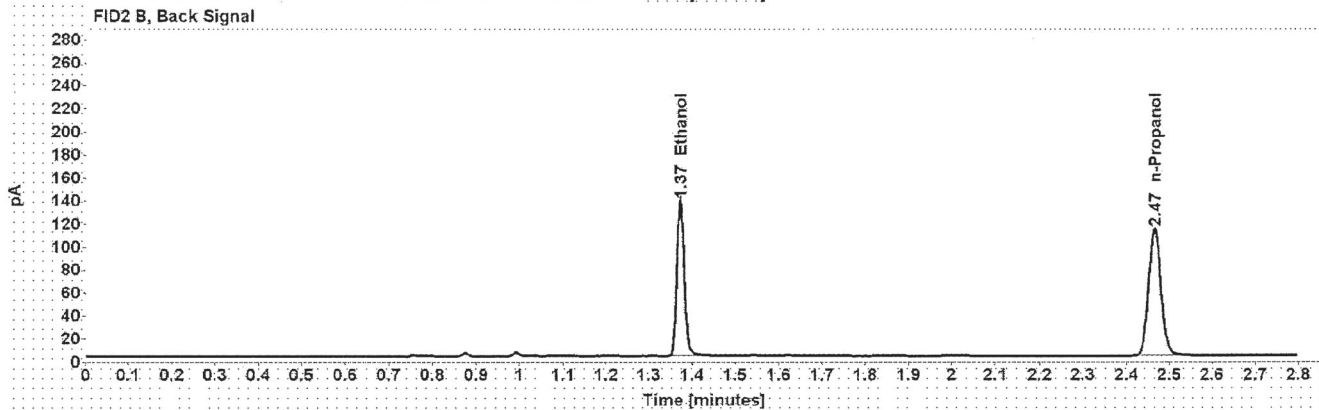
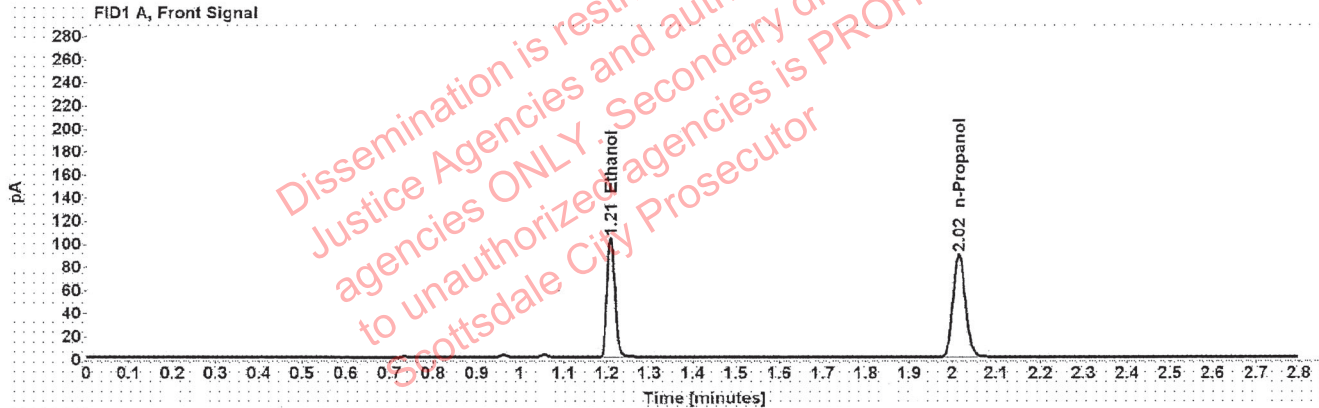


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2074	1.209	131.260
n-Propanol	-----	2.015	176.664

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

Compound	Time (min)	Peak Area
Ethanol	1.373	167.341
n-Propanol	2.465	222.516

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1388965	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 2:02:55 PM
Data file:	C:\Chem32\1\Data\21Sep21\47.D	Analyst:	Brooke

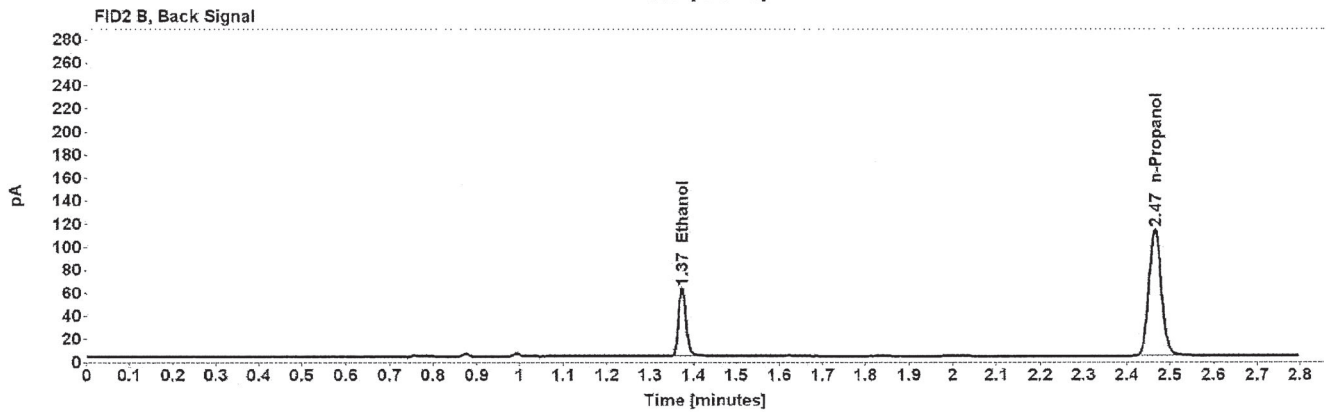
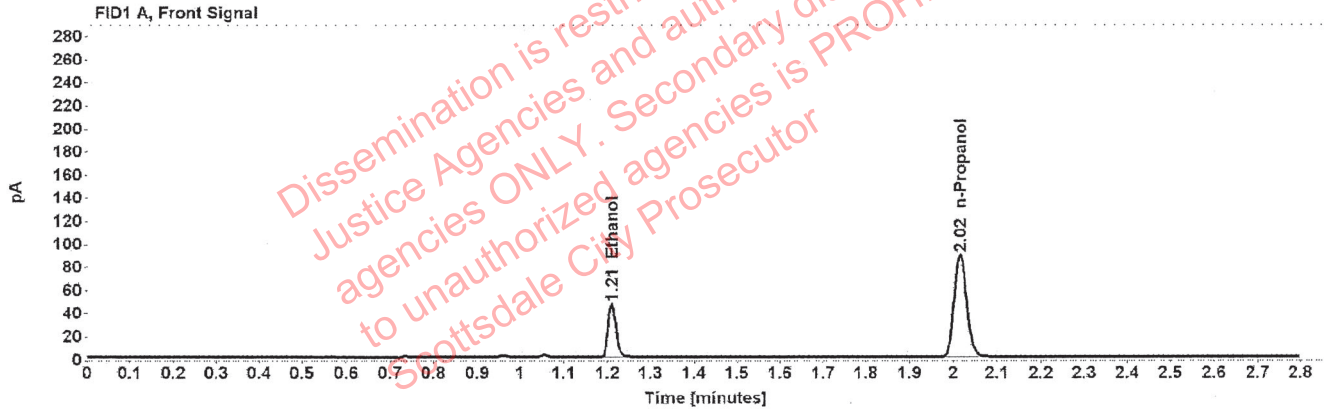


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0929	1.210	58.215
n-Propanol	-----	2.015	176.075

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

Compound	Time (min)	Peak Area
Ethanol	1.374	73.155
n-Propanol	2.465	222.261

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1388965	Vial:	48
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 2:06:55 PM
Data file:	C:\Chem32\1\Data\21Sep21\48.D	Analyst:	Brooke

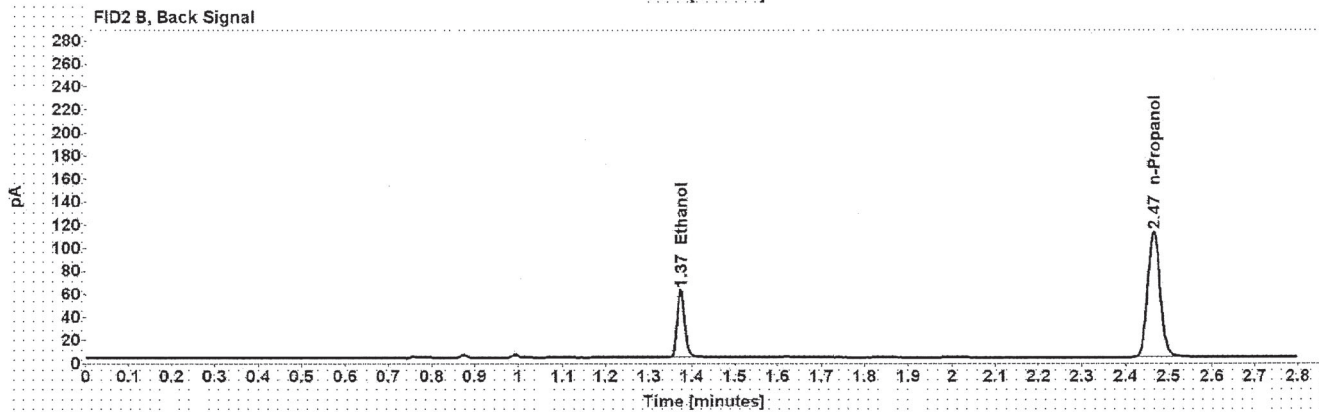
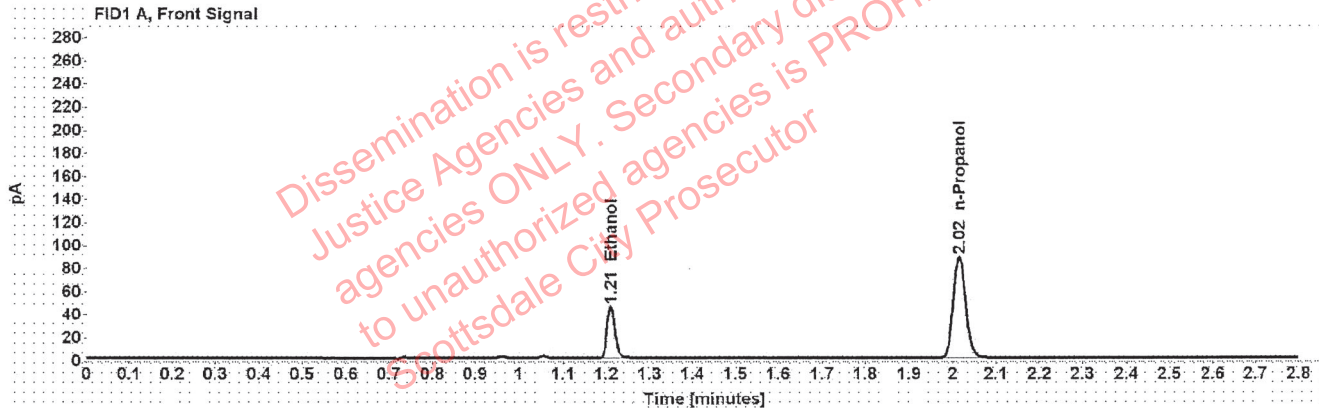


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0923	1.210	57.354
n-Propanol	-----	2.015	174.518

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

Compound	Time (min)	Peak Area
Ethanol	1.374	71.948
n-Propanol	2.465	220.336

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386550	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 2:11:10 PM
Data file:	C:\Chem32\1\Data\21Sep21\49.D	Analyst:	Brooke

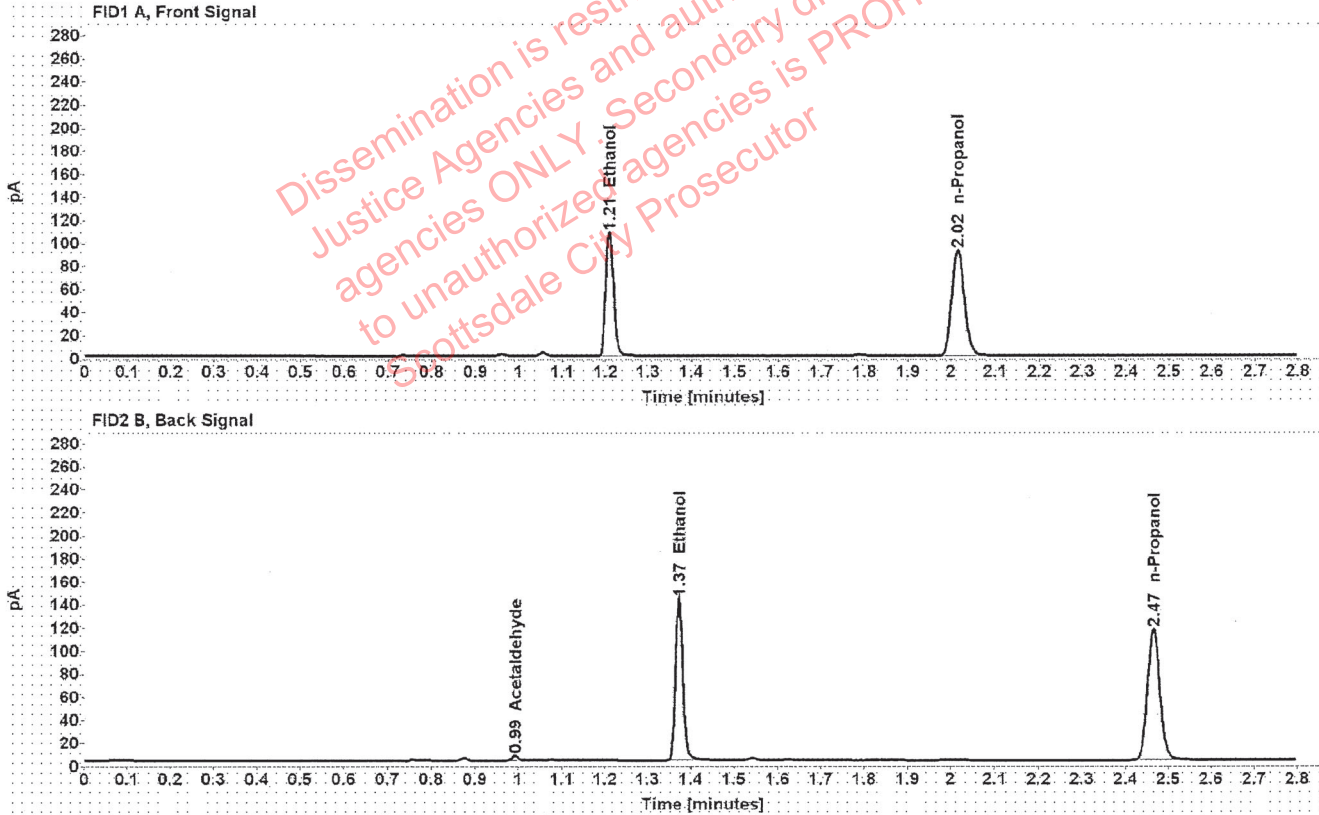


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2095	1.209	136.642
n-Propanol	-----	2.015	182.018

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.228
Ethanol	1.373	172.326
n-Propanol	2.465	229.576

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386550	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 2:15:10 PM
Data file:	C:\Chem32\1\Data\21Sep21\50.D	Analyst:	Brooke

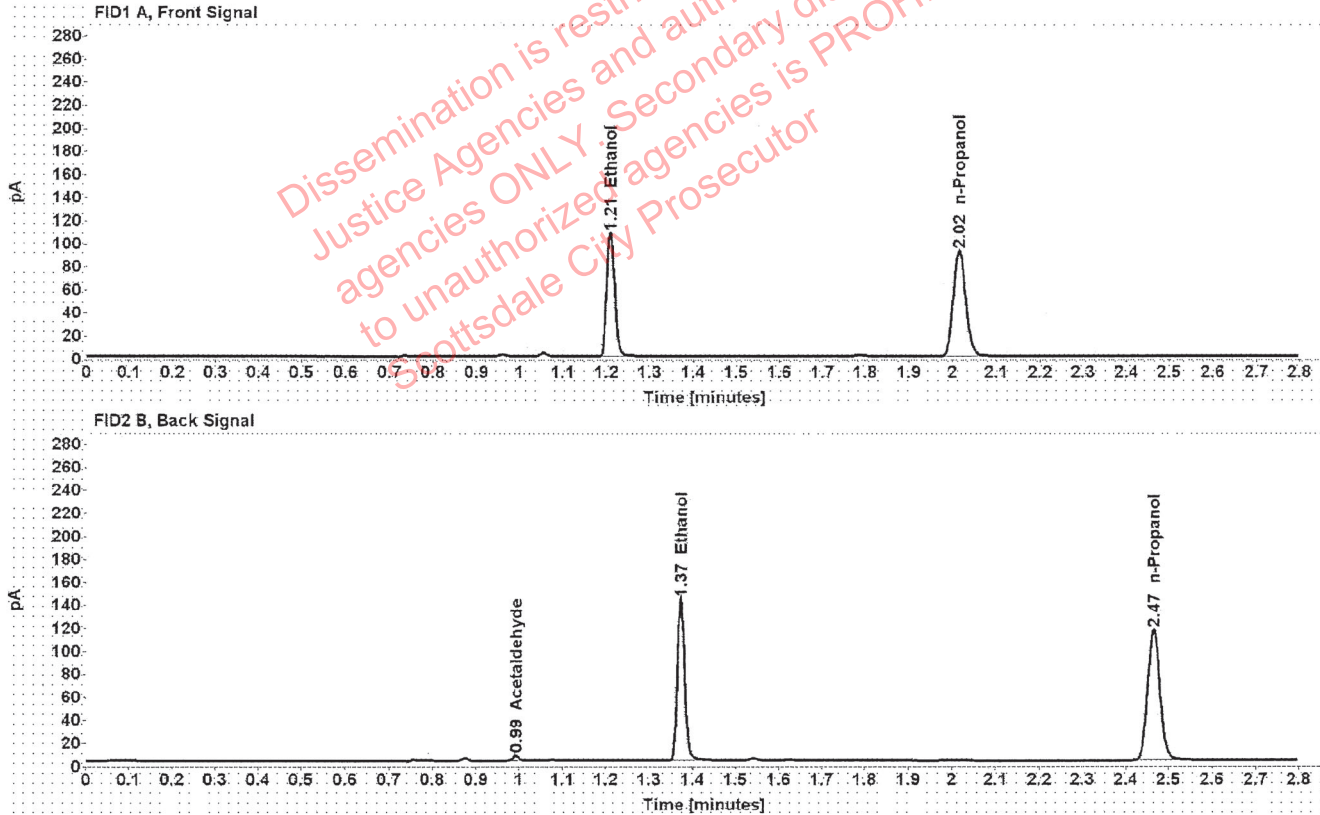


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2093	1.209	136.404
n-Propanol	-----	2.015	181.889

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.261
Ethanol	1.373	172.330
n-Propanol	2.465	229.358

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1389160	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/21/2021 2:19:10 PM
Data file:	C:\Chem32\1\Data\21Sep21\51.D	Analyst:	Brooke

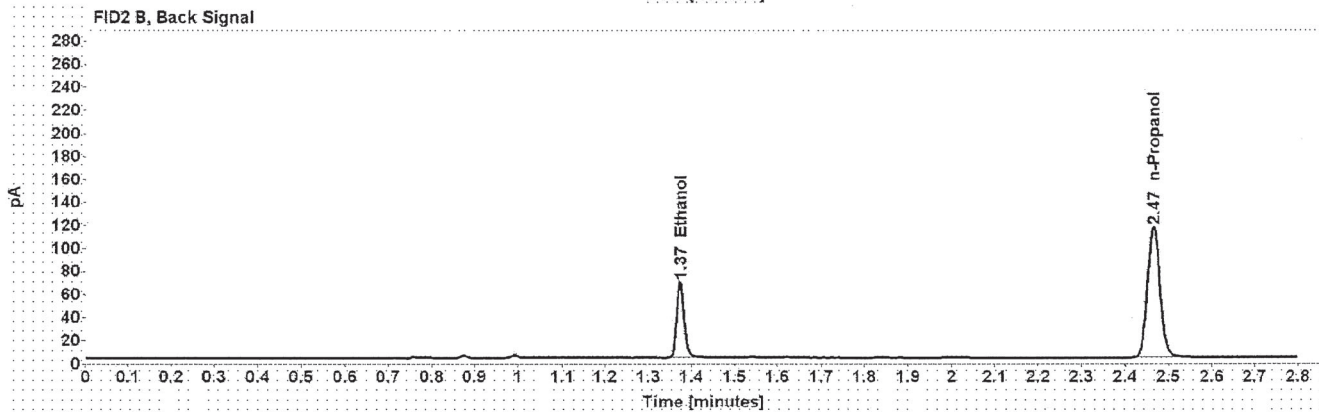
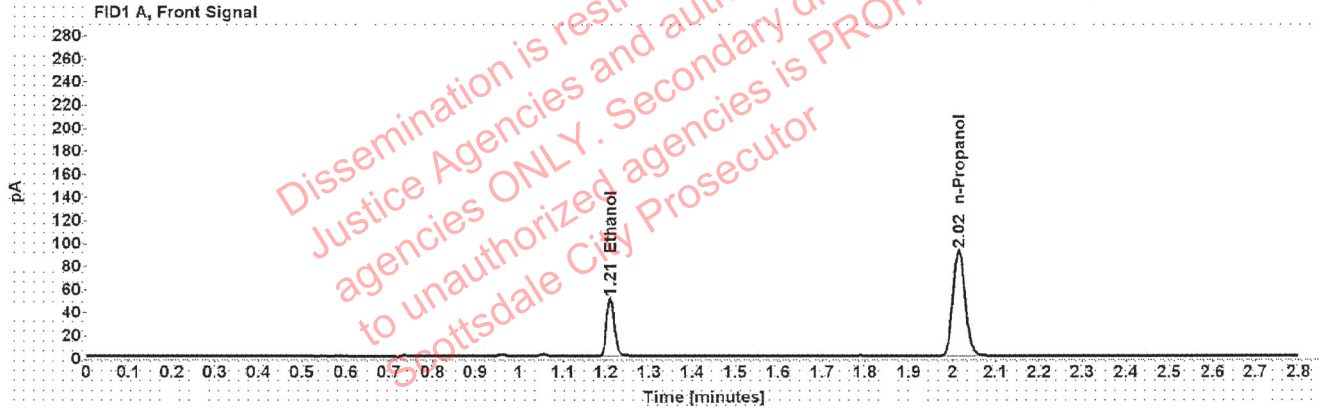


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0987	1.210	63.962
n-Propanol	-----	2.015	181.886

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

Compound	Time (min)	Peak Area
Ethanol	1.374	80.465
n-Propanol	2.465	229.189

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1389160	Vial: 52
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 21Sep21
Instrument: US14173023 CN14160045	Injection date: 9/21/2021 2:23:10 PM
Data file: C:\Chem32\1\Data\21Sep21\52.D	Analyst: Brooke

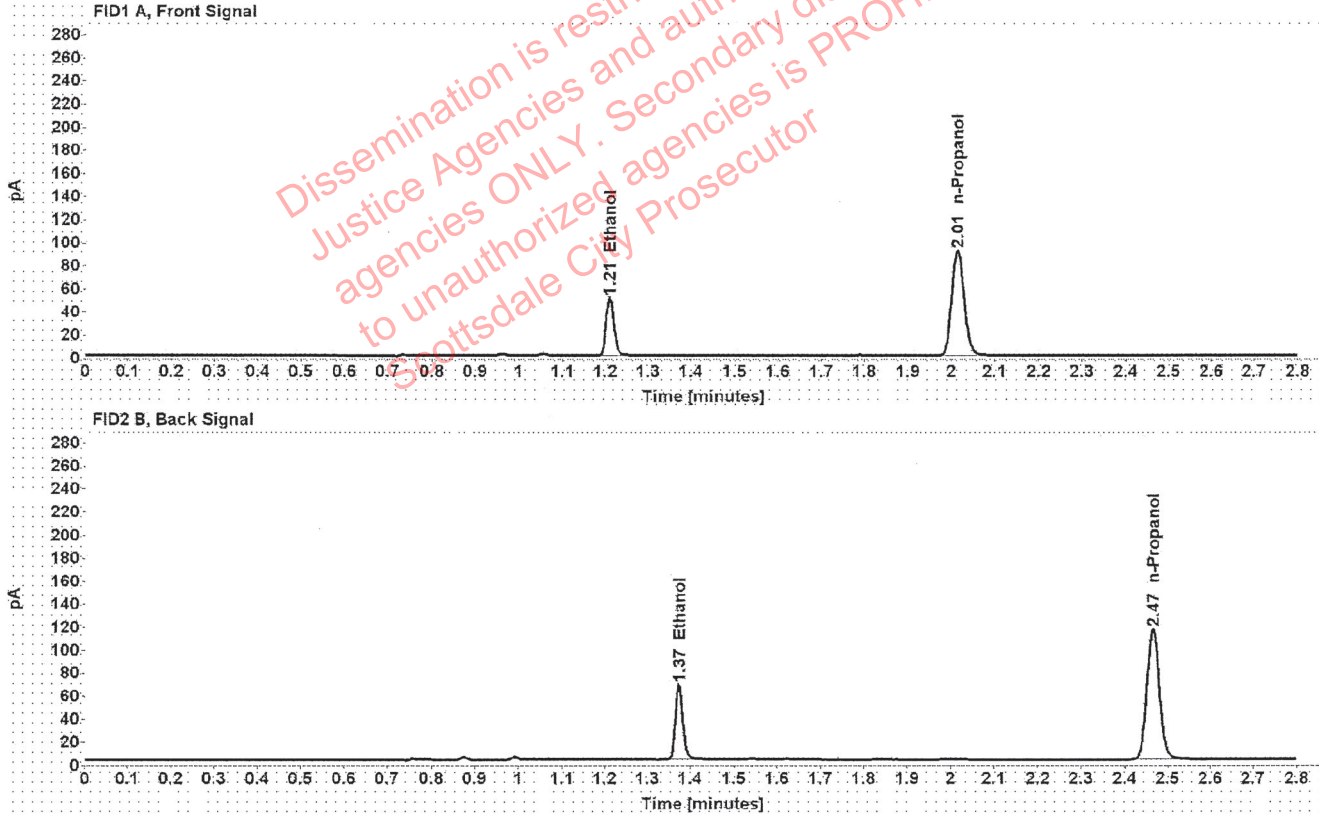


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0985	1.210	63.598
n-Propanol	-----	2.015	181.223

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

Compound	Time (min)	Peak Area
Ethanol	1.374	80.016
n-Propanol	2.465	228.315