

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 5/3/21 SEQUENCE NAME 03May21

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 0.99996
 Vial 3 0.20 calibrator Lot FN05101903
 Vial 4 0.40 calibrator Lot FN10051906

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 031021AQ
6	Volatiles mix	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.403 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	0.202 g/dL	ACQ 4101018274/9
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
31	Blood control	0.200 g/dL	0.201 g/dL	ACQ 4101018274/9
42	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
53	Aqueous control	0.400 g/dL	0.405 g/dL	Lipomed 11092018-A
54	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
55	Blood control	0.200 g/dL	0.202 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 Philip Borok Analyst
 Run valid Run invalid Alan Abbott Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

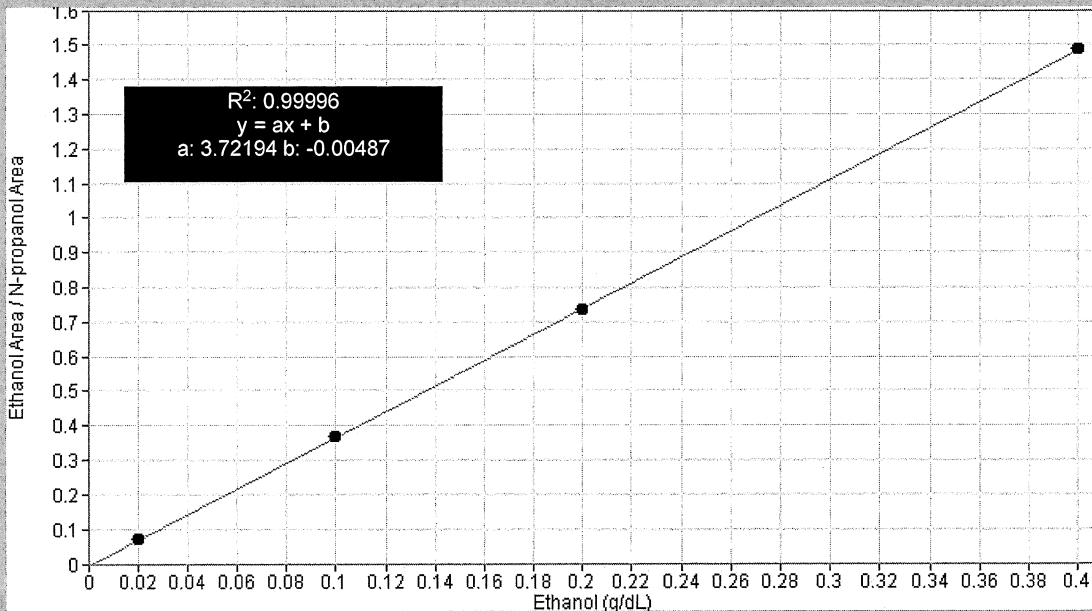
SEQUENCE NAME: 03May21

ANALYST: Brooke ^{RS}

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	0.403	0.400	0.75	0.003
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.200 4101018274/9	9	0.202	0.200	1.00	0.002
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.200 4101018274/9	31	0.201	0.200	0.50	0.001
0.080 03102016-A/1	42	0.080	0.080	0.00	0.000
0.400 11092018-A	53	0.405	0.400	1.25	0.005
0.040 14082019-B	54	0.042	0.040	5.00	0.002
0.200 4101018274/9	55	0.202	0.200	1.00	0.002
blank 111020WB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.145	168.490	0.072
0.100	59.860	162.653	0.368
0.200	119.521	162.908	0.734
0.400	245.955	165.457	1.487

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 03May21
Method: ethanol quant.M	Injection date: 5/3/2021 8:03:40 PM
Instrument: US14173023 CN14160045	Analyst: Brooke PB
Data file: C:\Chem32\1\Data\03May21\1.D	

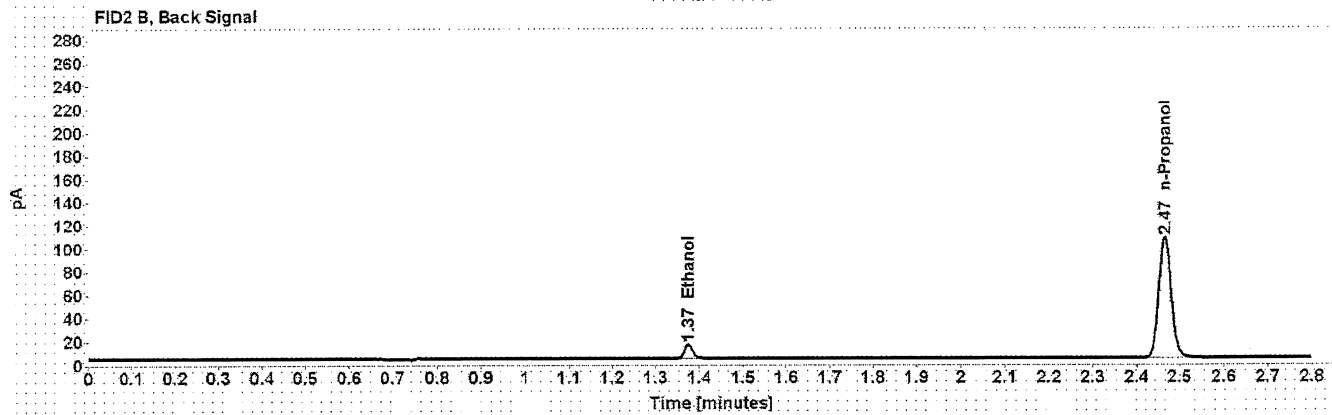
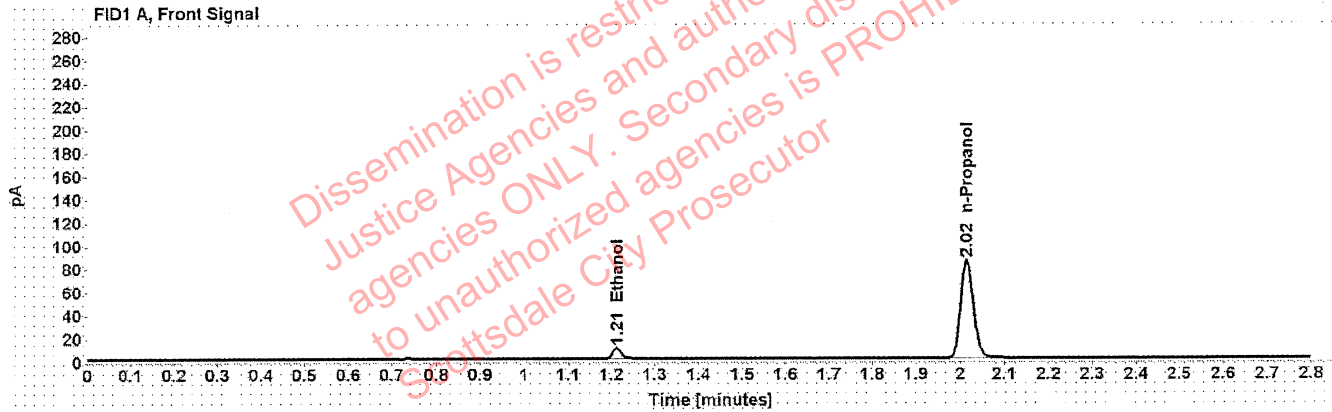


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	12.145
n-Propanol	2.015	168.490

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

Compound	Time (min)	Peak Area
Ethanol	1.375	15.137
n-Propanol	2.466	208.839

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 03May21
Method: ethanol quant.M	Injection date: 5/3/2021 8:07:40 PM
Instrument: US14173023 CN14160045	Analyst: Brooke <i>JB</i>
Data file: C:\Chem32\1\Data\03May21\2.D	

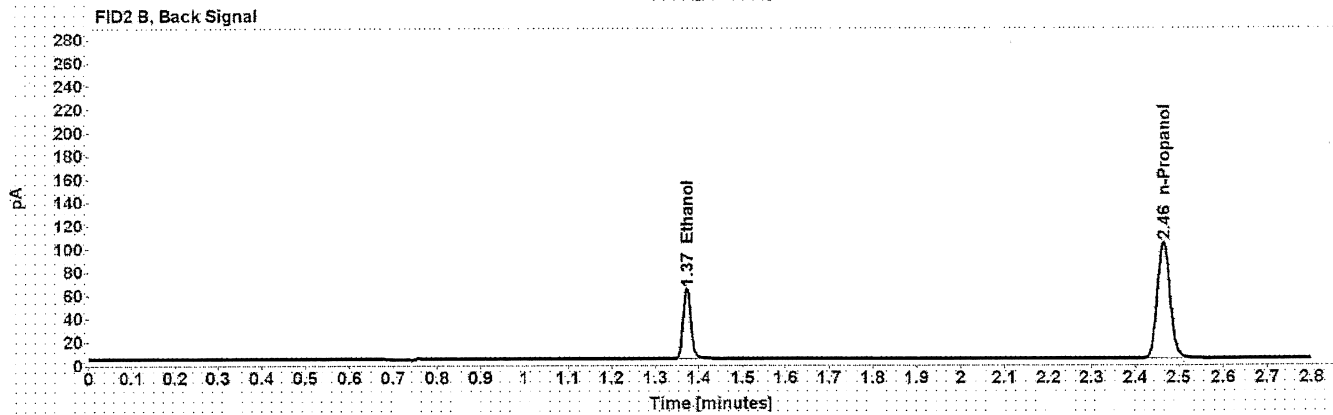
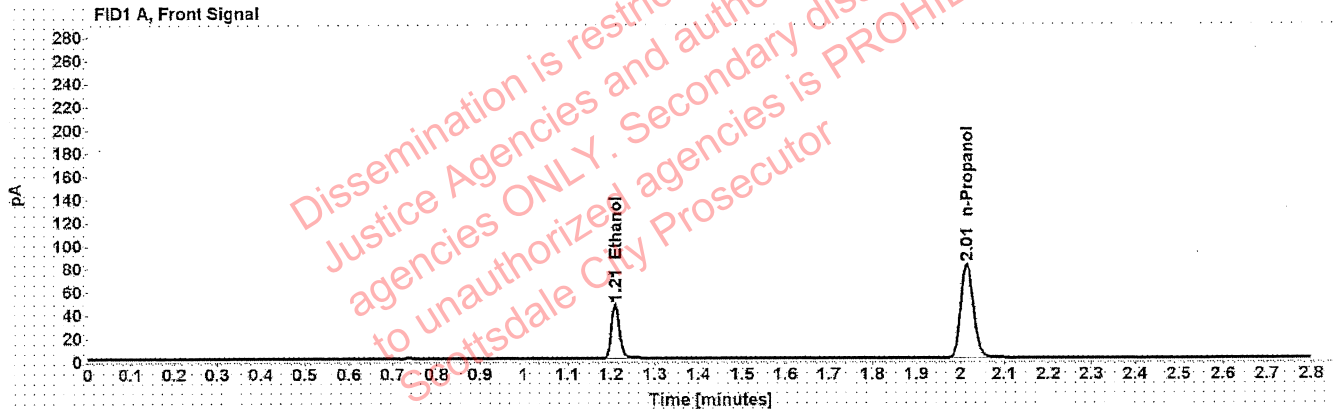


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.860
n-Propanol	2.015	162.653

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

Compound	Time (min)	Peak Area
Ethanol	1.372	74.635
n-Propanol	2.465	201.770

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 03May21
Method: ethanol quant.M	Injection date: 5/3/2021 8:11:40 PM
Instrument: US14173023 CN14160045	Analyst: Brooke <i>FB</i>
Data file: C:\Chem321\1\Data\03May21\3.D	

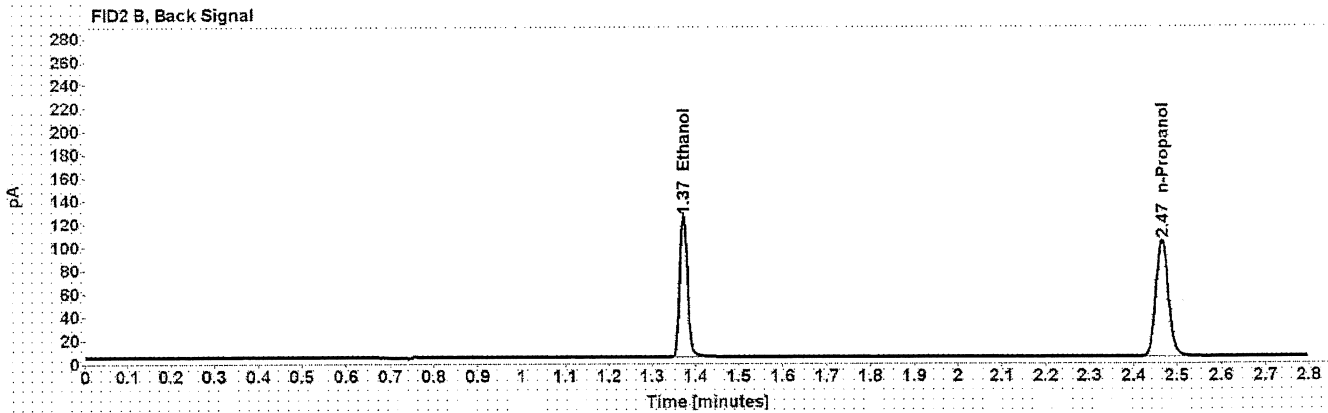
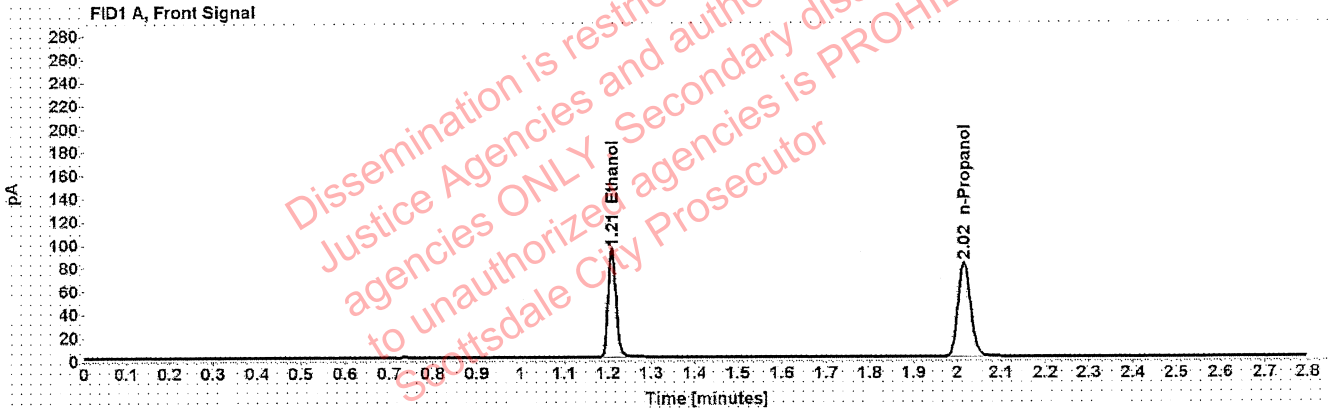


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	119.521
n-Propanol	2.015	162.908

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

Compound	Time (min)	Peak Area
Ethanol	1.372	149.318
n-Propanol	2.465	202.246

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 03May21
Method: ethanol quant.M	Injection date: 5/3/2021 8:15:40 PM
Instrument: US14173023 CN14160045	Analyst: Brooke <i>RB</i>
Data file: C:\Chem32\1\Data\03May21\4.D	

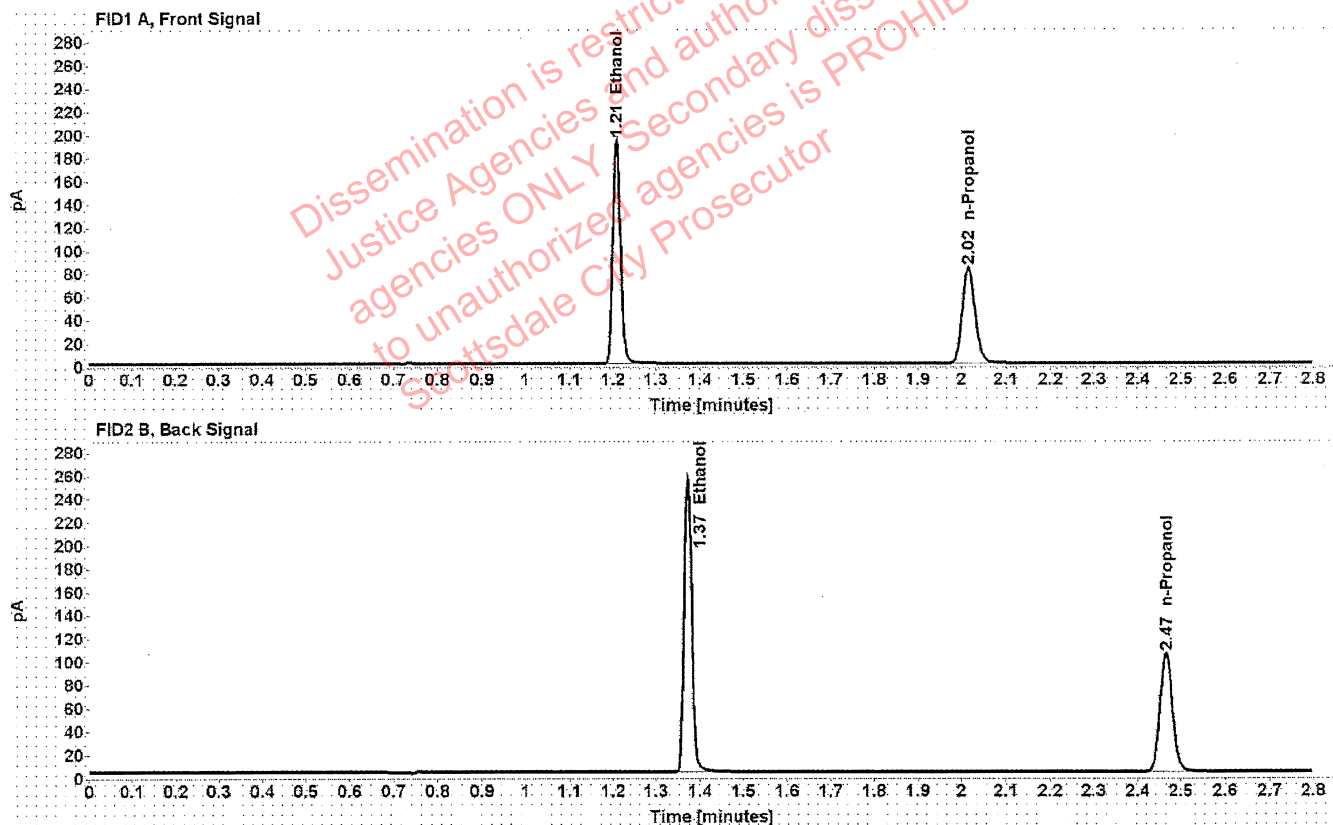


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	245.955
n-Propanol	2.015	165.457

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

Compound	Time (min)	Peak Area
Ethanol	1.372	307.961
n-Propanol	2.466	206.072

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 031021AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 8:19:39 PM
Data file: C:\Chem32\1\Data\03May21\5.D	Analyst: Brooke <i>RB</i>

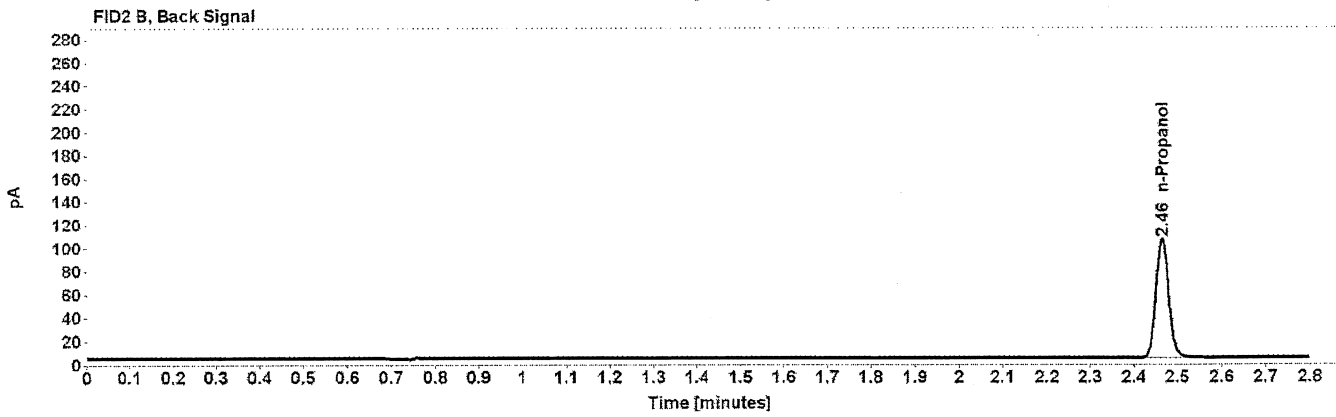
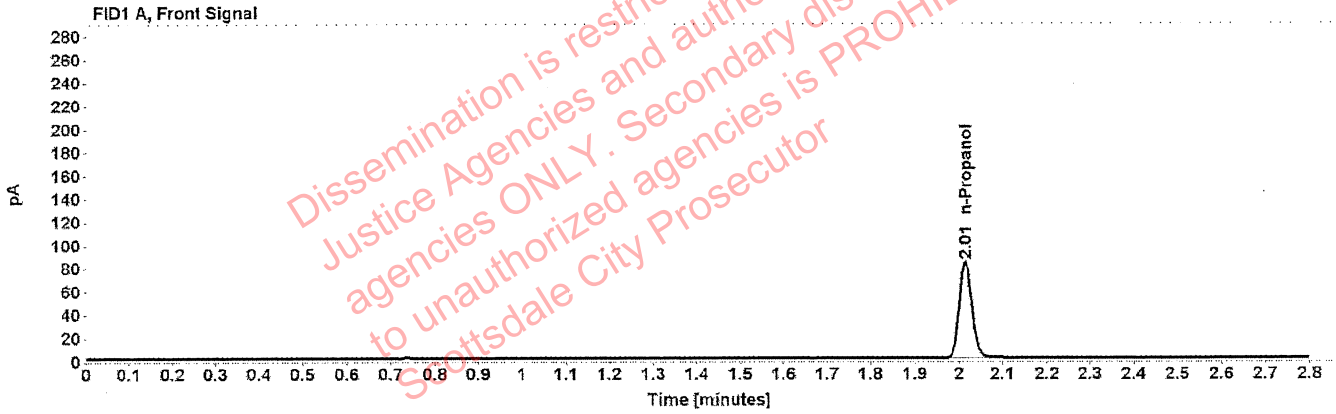


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	166.004

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

Compound	Time (min)	Peak Area
n-Propanol	2.464	206.422

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 8:23:38 PM
Data file: C:\Chem32\1\Data\03May21\6.D	Analyst: Brooke <i>AB</i>

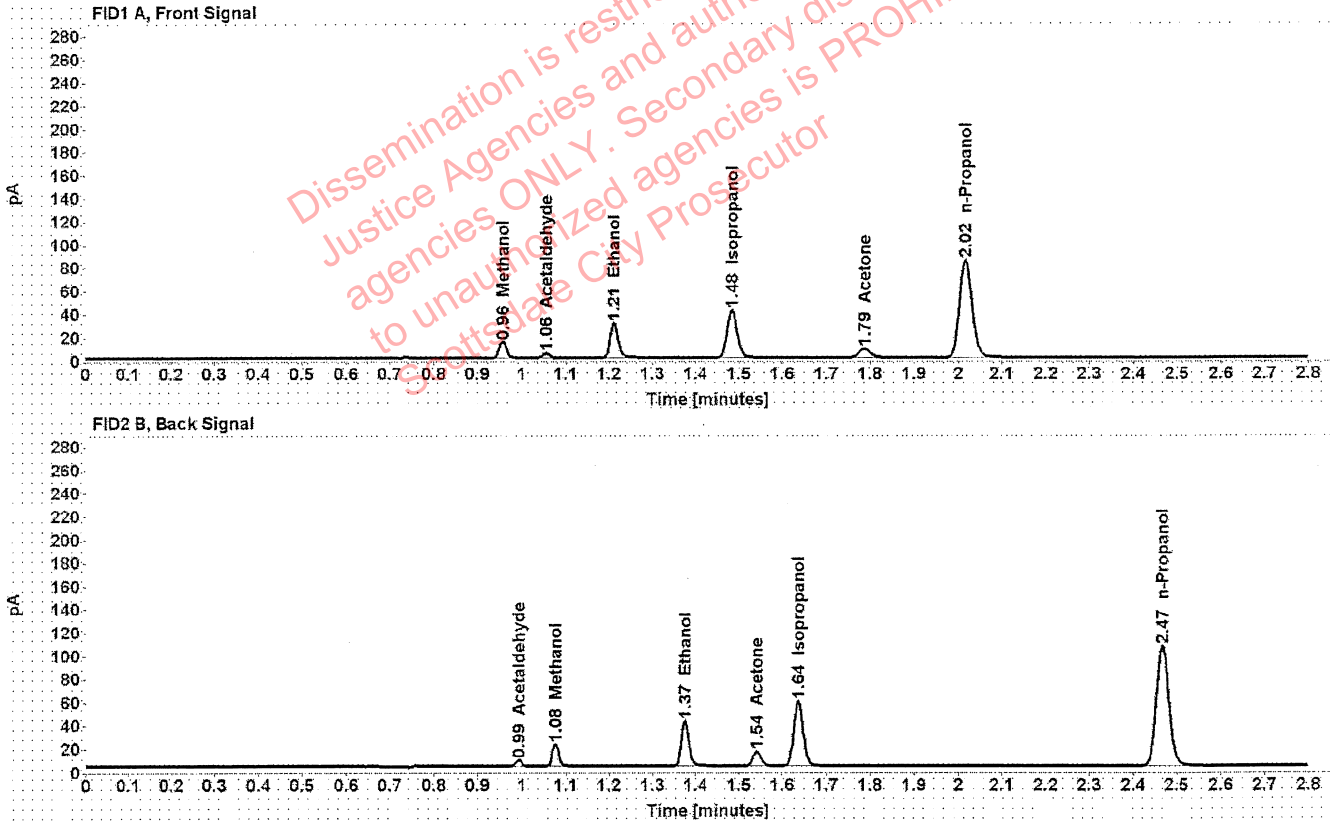


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	15.905
Acetaldehyde	-----	1.056	3.852
>Ethanol	0.0629	1.211	38.403
Isopropanol	-----	1.484	65.362
Acetone	-----	1.786	12.998
n-Propanol	-----	2.016	167.453

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.073
Methanol	1.076	20.313
Ethanol	1.375	47.952
Acetone	1.542	16.066
Isopropanol	1.636	83.744
n-Propanol	2.467	208.340

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 8:27:53 PM
Data file:	C:\Chem32\1\Data\03May21\7.D	Analyst:	Brooke <i>FB</i>

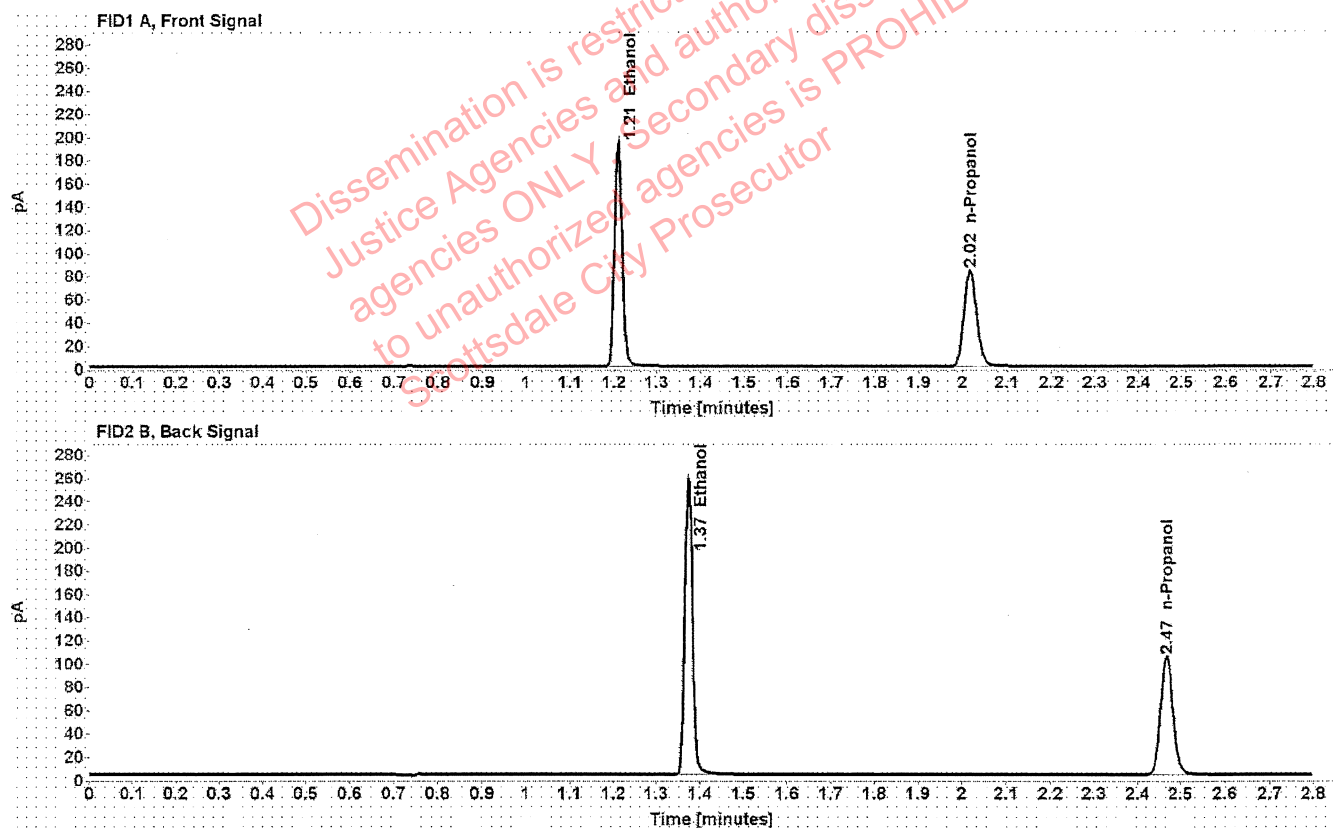


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4038	1.209	247.243
n-Propanol	-----	2.016	165.026

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

Compound	Time (min)	Peak Area
Ethanol	1.374	310.289
n-Propanol	2.467	205.384

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 8:31:55 PM
Data file: C:\Chem32\1\Data\03May21\8.D	Analyst: Brooke <i>RB</i>

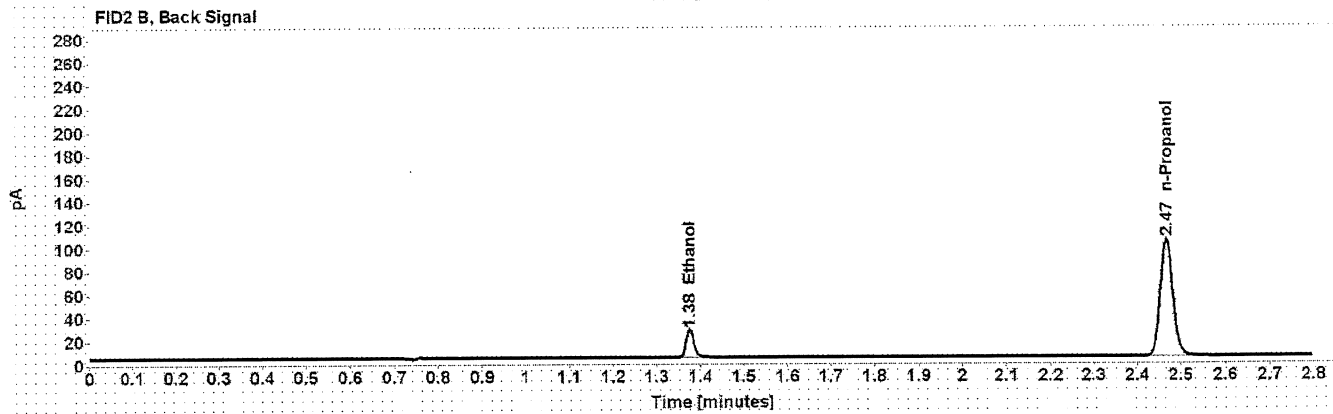
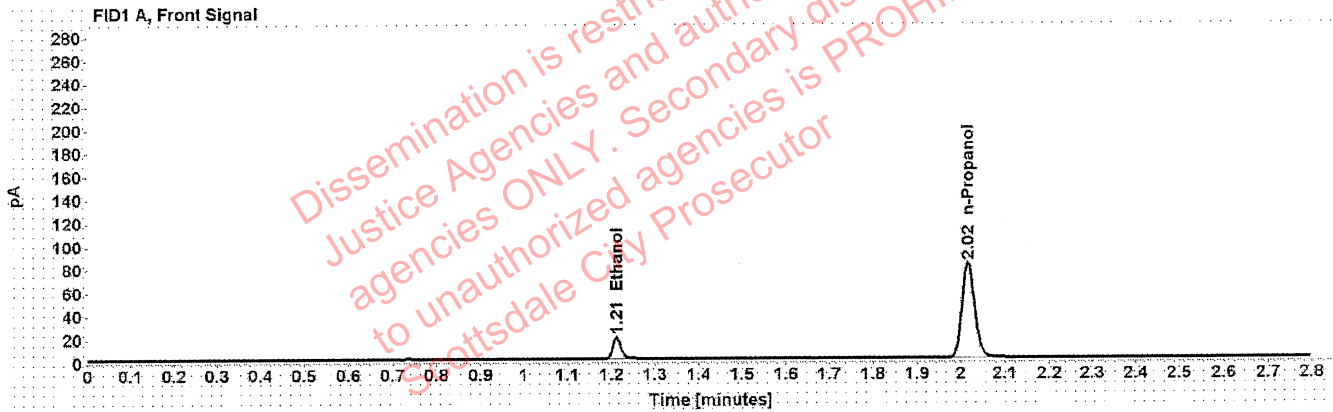


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.212	24.188
n-Propanol	-----	2.016	163.627

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

Compound	Time (min)	Peak Area
Ethanol	1.375	30.065
n-Propanol	2.467	203.315

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 9
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 8:35:53 PM
Data file: C:\Chem32\1\Data\03May21\9.D	Analyst: Brooke <i>18</i>

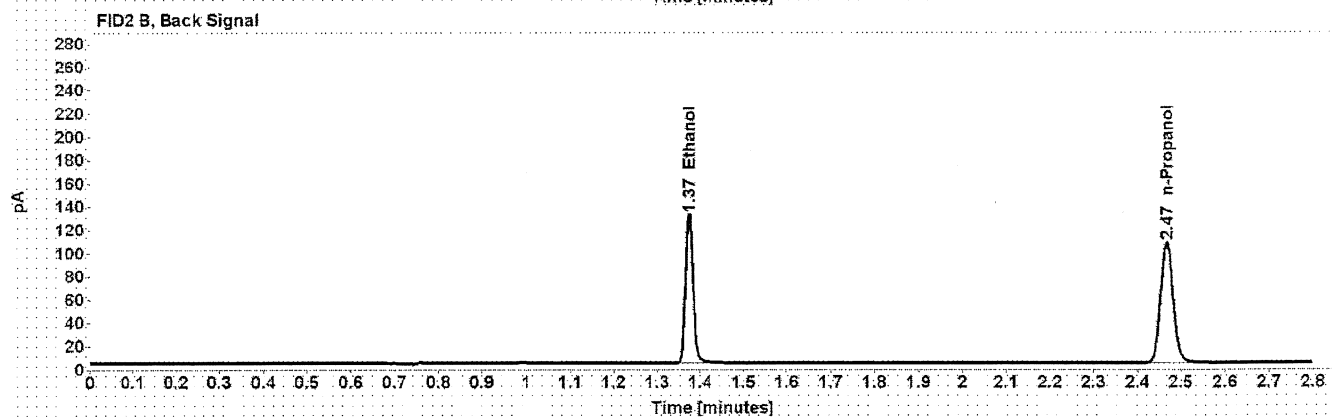
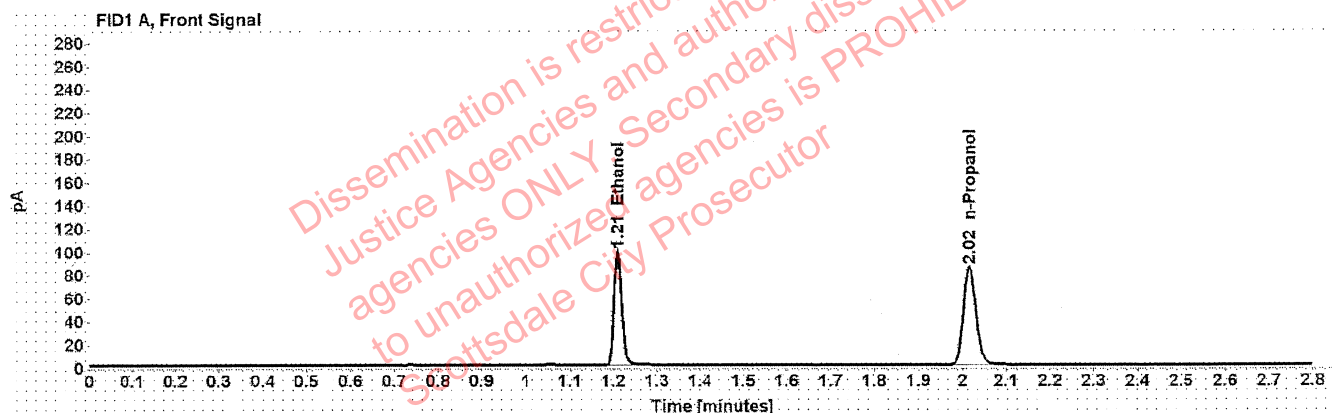


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2023	1.210	125.886
n-Propanol	-----	2.016	168.265

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.731
n-Propanol	2.467	209.260

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 9:20:25 PM
Data file: C:\Chem32\1\Data\03May21\20.D	Analyst: Brooke

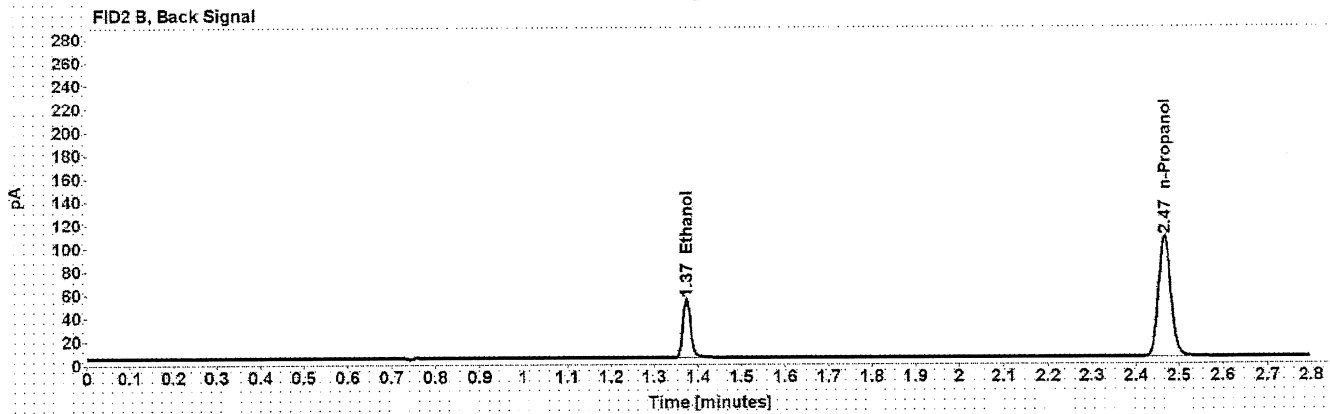
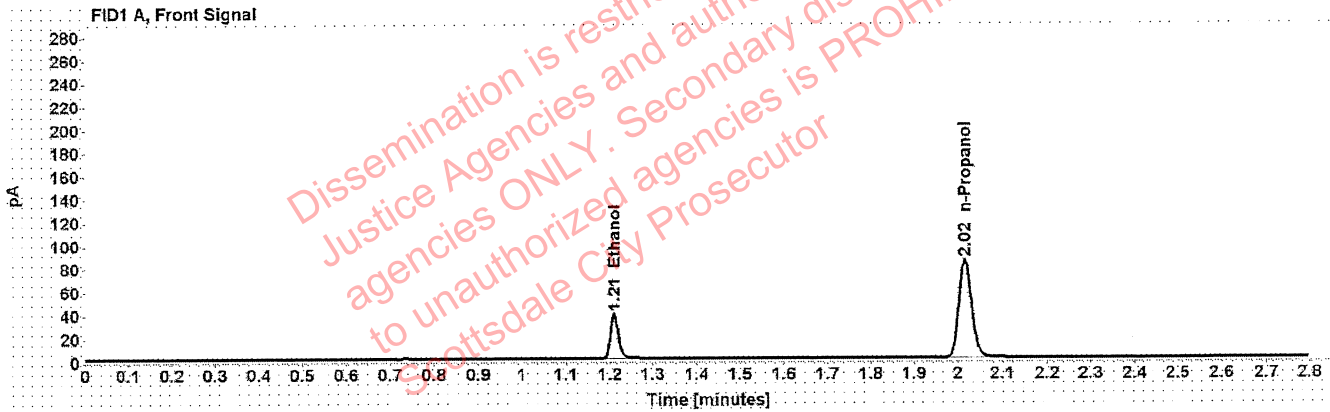


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.210	49.743
n-Propanol	-----	2.016	168.712

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

Compound	Time (min)	Peak Area
Ethanol	1.373	62.087
n-Propanol	2.466	209.670

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 31
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 10:04:54 PM
Data file: C:\Chem32\1\Data\03May21\31.D	Analyst: Brooke <i>RB</i>

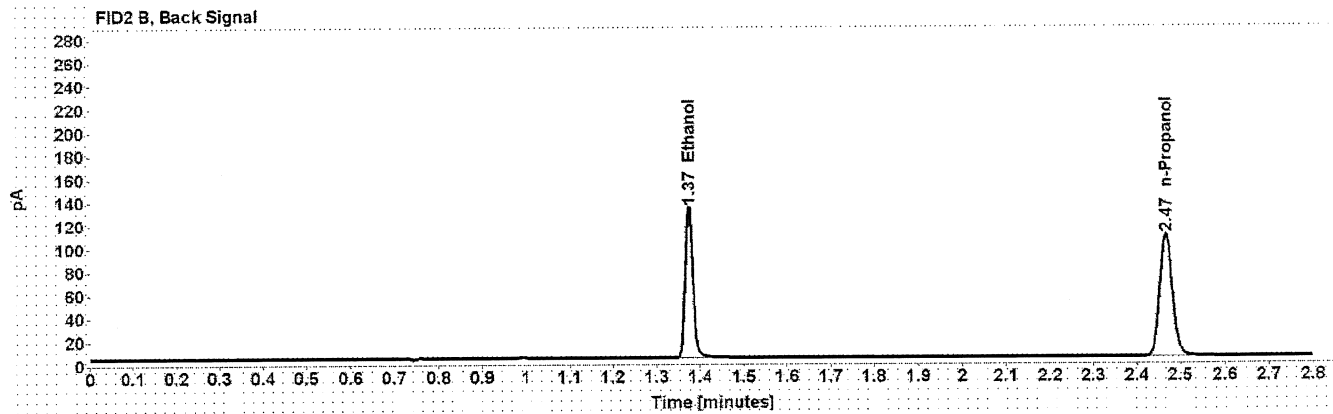
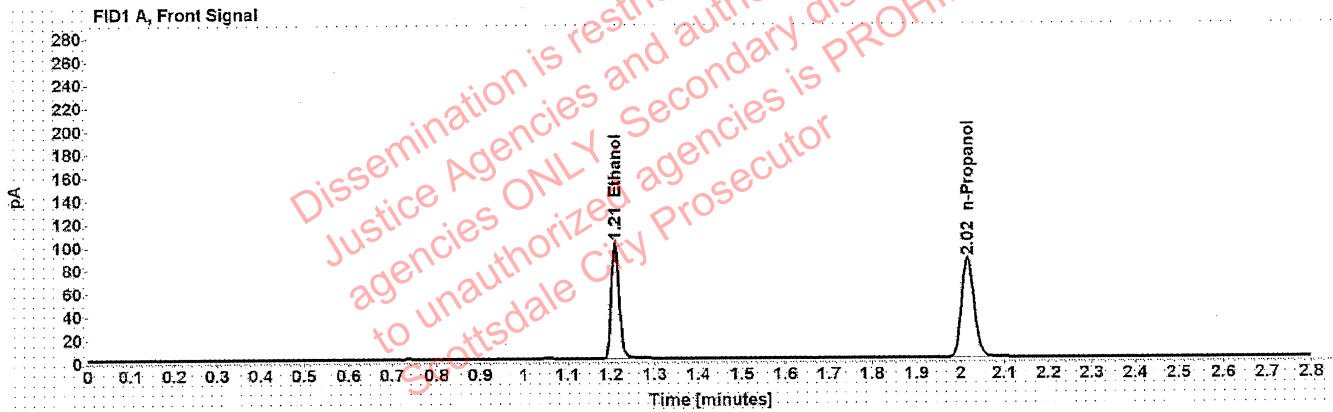


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2016	1.210	127.493
n-Propanol	-----	2.016	171.022

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

Compound	Time (min)	Peak Area
Ethanol	1.374	159.431
n-Propanol	2.467	212.939

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	03102016-A/1	Vial:	42
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 10:49:11 PM
Data file:	C:\Chem32\1\Data\03May21\42.D	Analyst:	Brooke <i>RB</i>

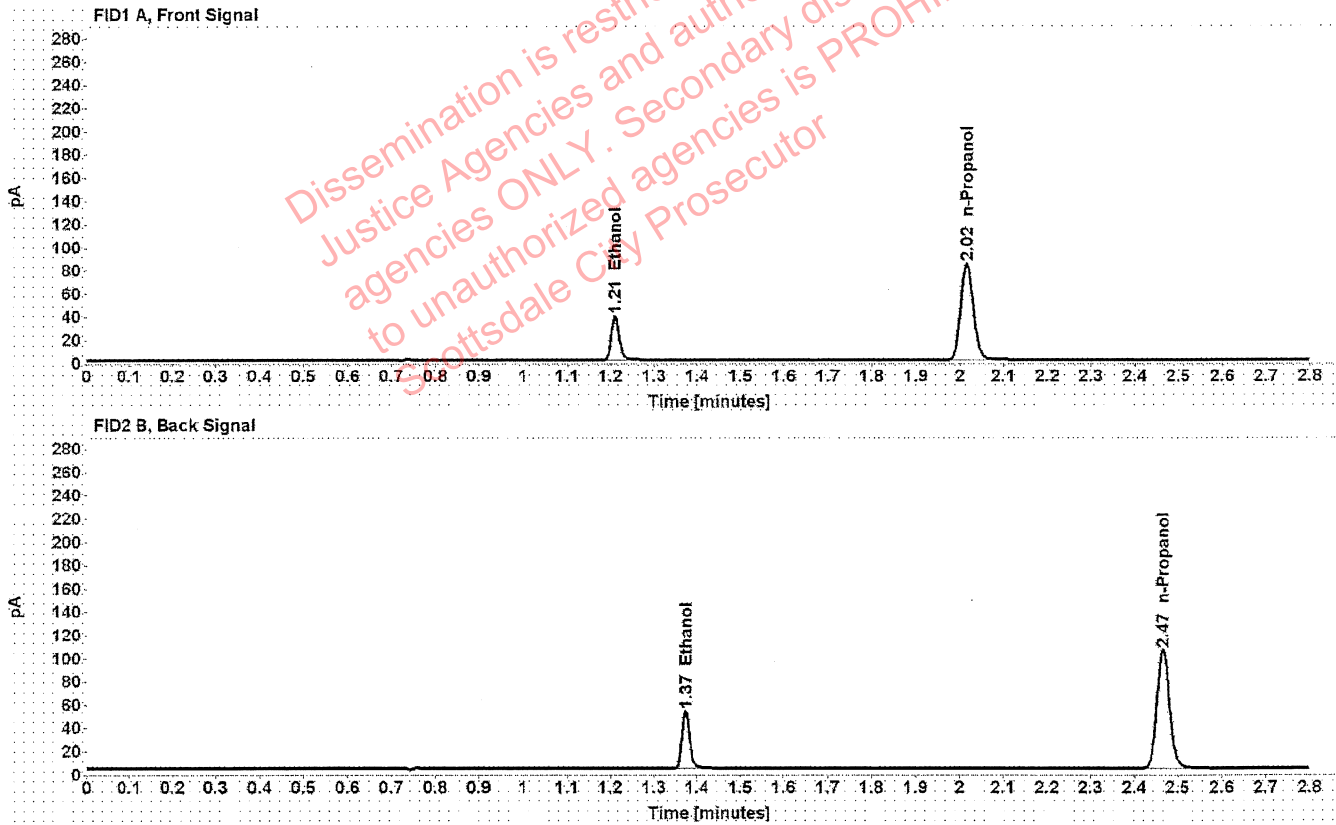


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.210	49.102
n-Propanol	-----	2.016	166.622

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

Compound	Time (min)	Peak Area
Ethanol	1.374	61.345
n-Propanol	2.466	207.035

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 53
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 11:33:39 PM
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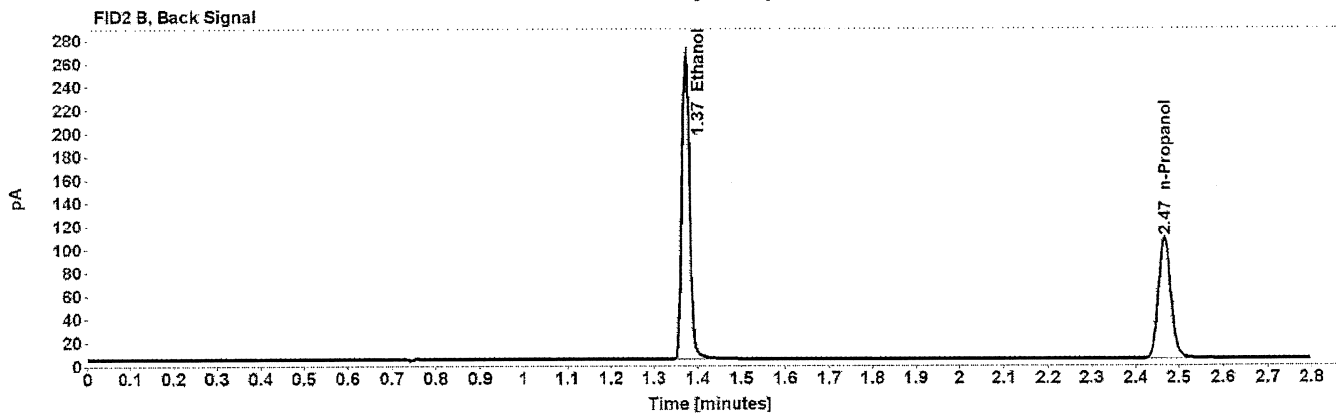
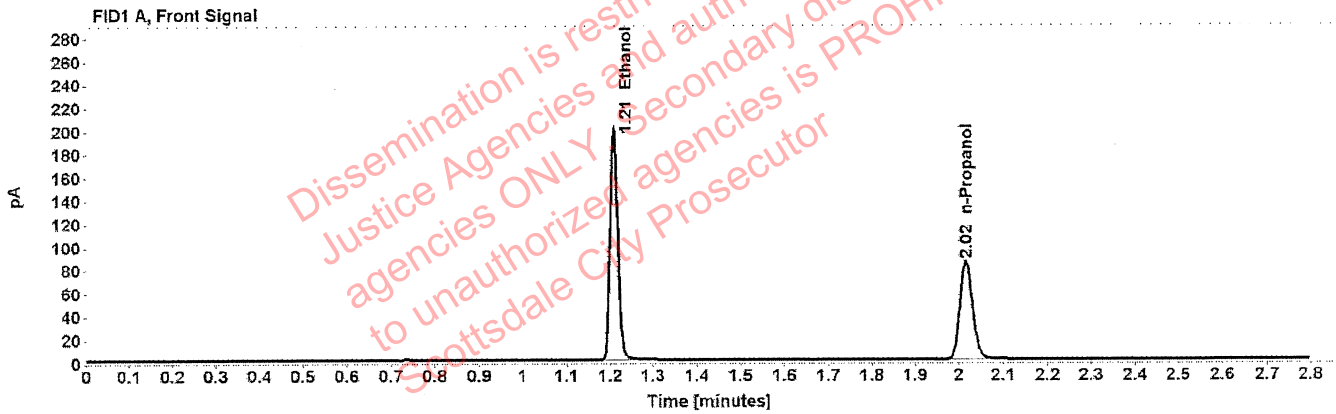


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4050	1.209	254.310
n-Propanol	-----	2.016	169.244

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

Compound	Time (min)	Peak Area
Ethanol	1.373	319.056
n-Propanol	2.467	210.992

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	54
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 11:37:40 PM
Data file:	C:\Chem32\1\Data\03May21\54.D	Analyst:	Brooke <i>BS</i>

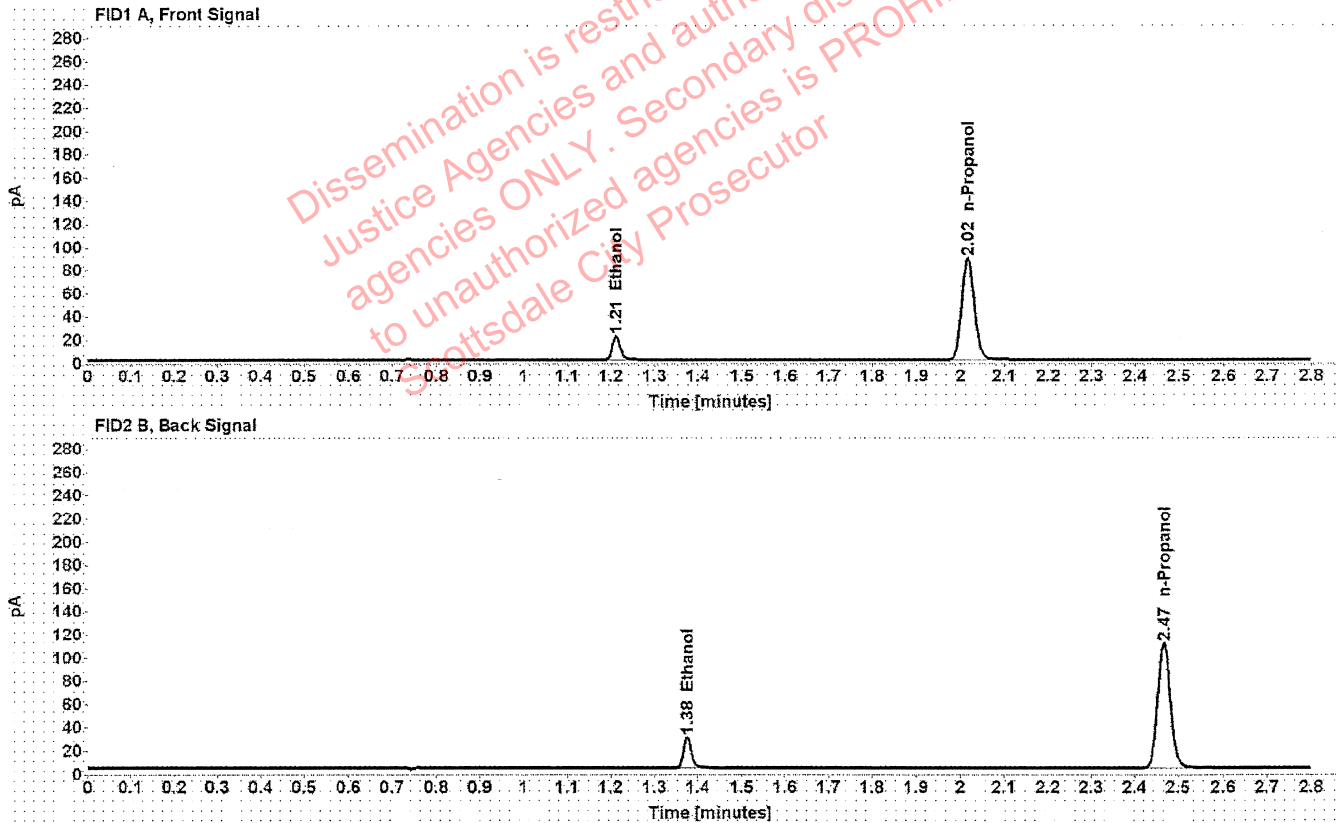


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0420	1.212	26.456
n-Propanol	-----	2.016	174.845

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

Compound	Time (min)	Peak Area
Ethanol	1.375	32.969
n-Propanol	2.467	217.692

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 55
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 11:41:55 PM
Data file: C:\Chem32\1\Data\03May21\55.D	Analyst: Brooke <i>RB</i>

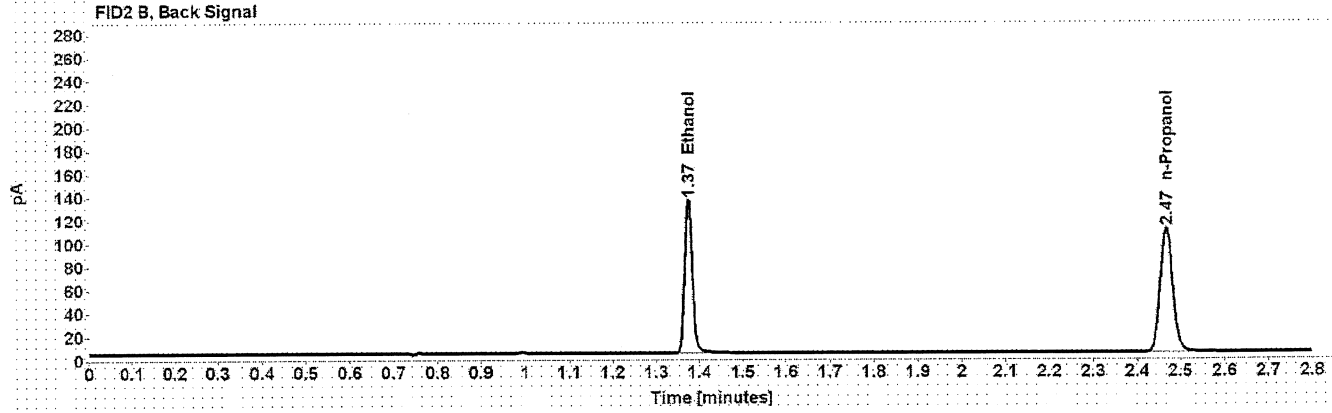
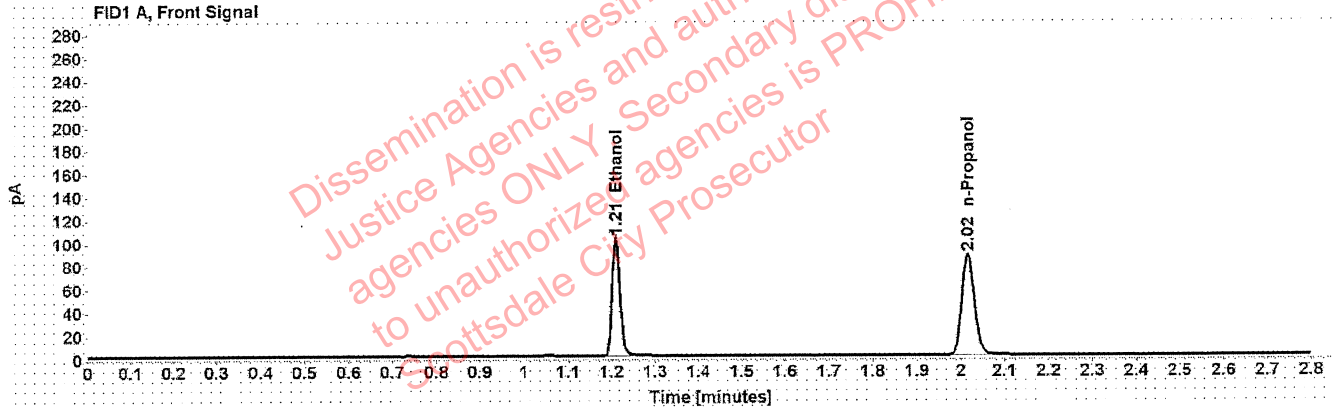


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2025	1.210	129.980
n-Propanol	-----	2.016	173.578

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.934
n-Propanol	2.467	216.024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 111020WB	Vial: 56
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 11:45:54 PM
Data file: C:\Chem32\1\Data\03May21\56.D	Analyst: Brooke <i>FB</i>

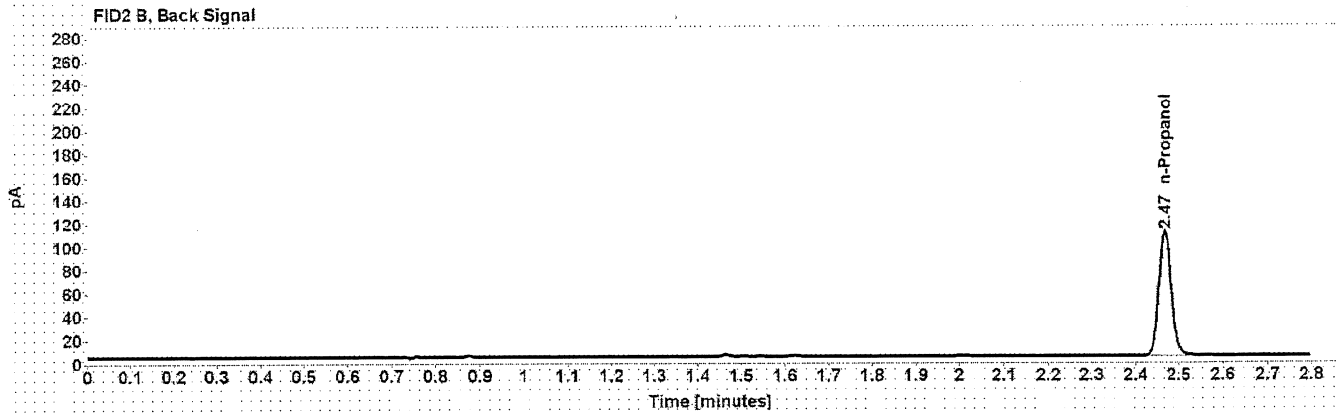
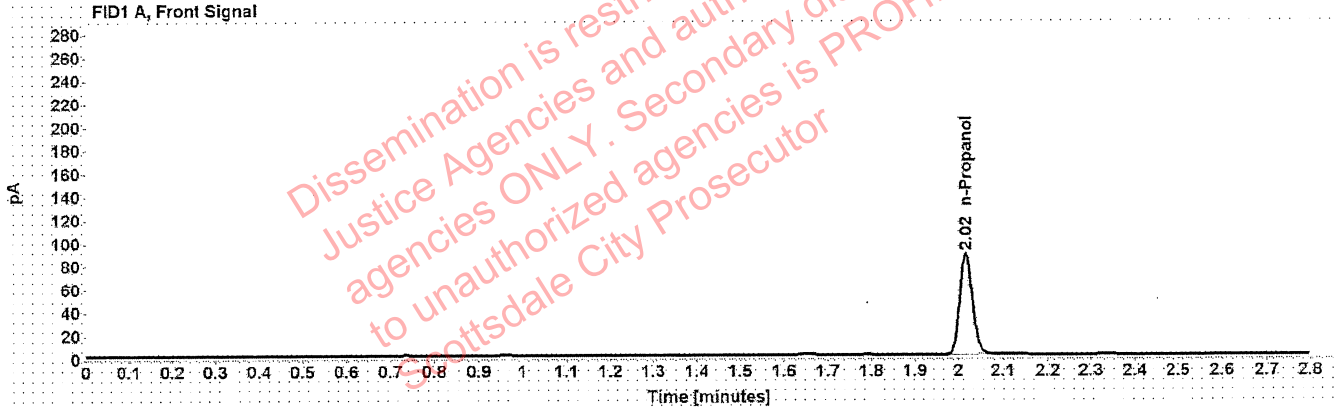


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	174.200

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	217.536

Sequence Summary

YB

Sequence name: 03May21 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	031021AQ	Negative	Control		ethanol quant.M
6	070819MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4101018274/9	0.200	Control		ethanol quant.M
10	33801CV		Sample		ethanol quant.M
11	33801CV		Sample		ethanol quant.M
12	33801GR		Sample		ethanol quant.M
13	33801GR		Sample		ethanol quant.M
14	32701KF		Sample		ethanol quant.M
15	32701KF		Sample		ethanol quant.M
16	17601VL		Sample		ethanol quant.M
17	17601VL		Sample		ethanol quant.M
18	33801MS		Sample		ethanol quant.M
19	33801MS		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	38601GV		Sample		ethanol quant.M
22	38601GV		Sample		ethanol quant.M
23	1367856		Sample		ethanol quant.M
24	1367856		Sample		ethanol quant.M
25	1368146		Sample		ethanol quant.M
26	1368146		Sample		ethanol quant.M
27	1368255		Sample		ethanol quant.M
28	1368255		Sample		ethanol quant.M
29	1368318		Sample		ethanol quant.M
30	1368318		Sample		ethanol quant.M
31	4101018274/9	0.200	Control		ethanol quant.M
32	1368316		Sample		ethanol quant.M
33	1368316		Sample		ethanol quant.M
34	1368270		Sample		ethanol quant.M
35	1368270		Sample		ethanol quant.M
36	1368441		Sample		ethanol quant.M
37	1368441		Sample		ethanol quant.M
38	1368257		Sample		ethanol quant.M
39	1368257		Sample		ethanol quant.M
40	1368314		Sample		ethanol quant.M
41	1368314		Sample		ethanol quant.M
42	03102016-A/1	0.080	Control		ethanol quant.M
43	1368142		Sample		ethanol quant.M
44	1368142		Sample		ethanol quant.M
45	1368310		Sample		ethanol quant.M
46	1368310		Sample		ethanol quant.M
47	1348071		Sample		ethanol quant.M

Sequence Summary

YAB

48	1348071		Sample		ethanol quant.M
49	1368794		Sample		ethanol quant.M
50	1368794		Sample		ethanol quant.M
51	1366240		Sample		ethanol quant.M
52	1366240		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 City Prosecutor

Scottsdale Police Department Crime Laboratory Summary of Cases

VPS

SEQUENCE NAME: 03May21

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1160	0.1155	0.11575	0.22	0.00025
12 13	0.1213	0.1219	0.12160	0.25	0.00030
14 15	0.3412	0.3418	0.34150	0.09	0.00030
16 17	0.1449	0.1456	0.14525	0.24	0.00035
18 19	0.1052	0.1052	0.10520	0.00	0.00000
21 22	0.1367	0.1366	0.13665	0.04	0.00005
23 24	0.1705	0.1724	0.17145	0.55	0.00095
25 26	0.1650	0.1662	0.16560	0.36	0.00060
27 28	0.2467	0.2458	0.24625	0.18	0.00045
29 30	0.1408	0.1420	0.14140	0.42	0.00060
32 33	0.0828	0.0824	0.08260	0.24	0.00020
34 35	0.2835	0.2804	0.28195	0.55	0.00155
36 37	0.2310	0.2297	0.23035	0.28	0.00065
38 39	0.1505	0.1511	0.15080	0.20	0.00030
40 41	0.1042	0.1042	0.10420	0.00	0.00000
43 44	0.1183	0.1185	0.11840	0.08	0.00010
45 46	0.2239	0.2234	0.22365	0.11	0.00025
47 48	0.1883	0.1896	0.18895	0.34	0.00065
49 50	0.2094	0.2087	0.20905	0.17	0.00035
51 52	0.1012	0.1006	0.10090	0.30	0.00030

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801CV	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 8:39:55 PM
Data file:	C:\Chem32\1\Data\03May21\10.D	Analyst:	Brooke

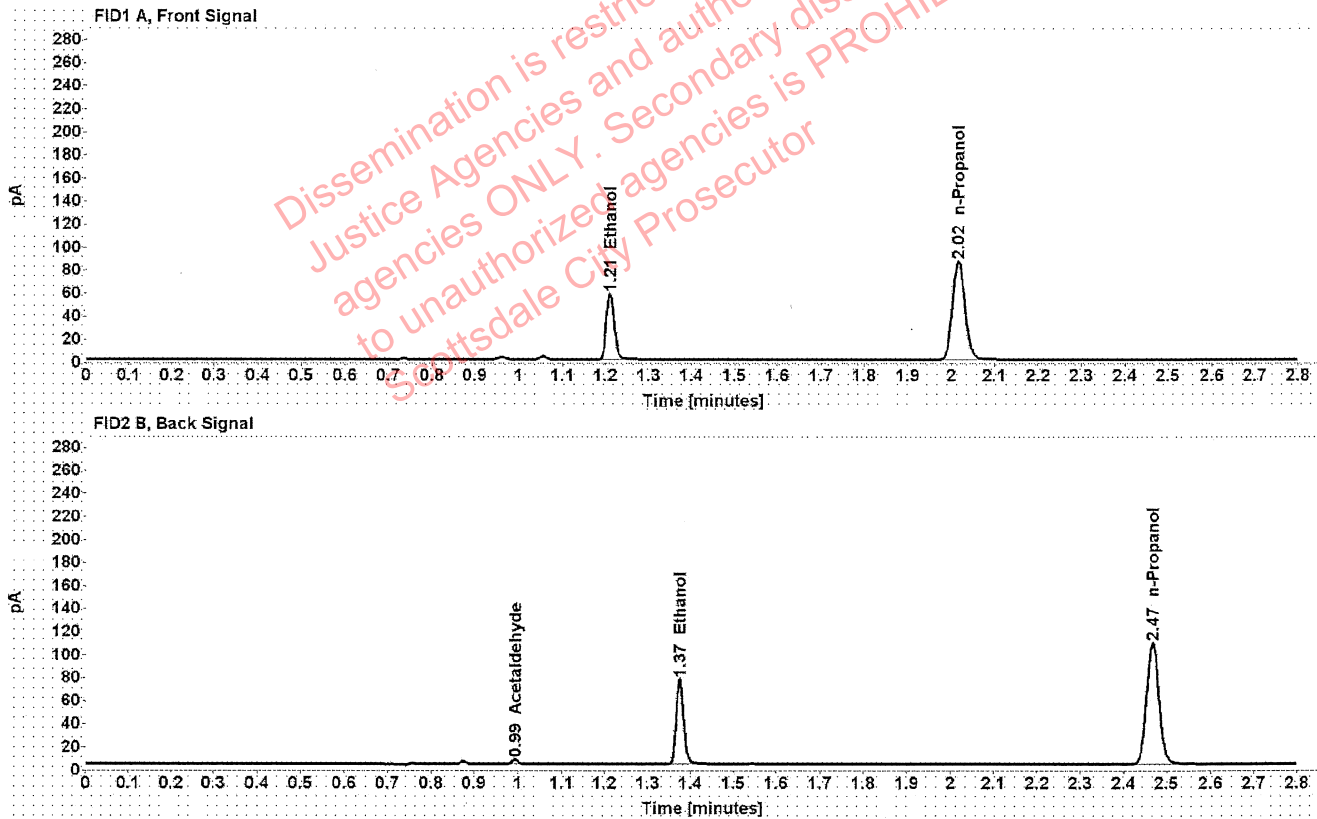


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1160	1.211	72.954
n-Propanol	-----	2.016	170.910

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.918
Ethanol	1.375	90.867
n-Propanol	2.467	212.630

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801CV	Vial:	11
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 8:43:54 PM
Data file:	C:\Chem32\1\Data\03May21\11.D	Analyst:	Brooke

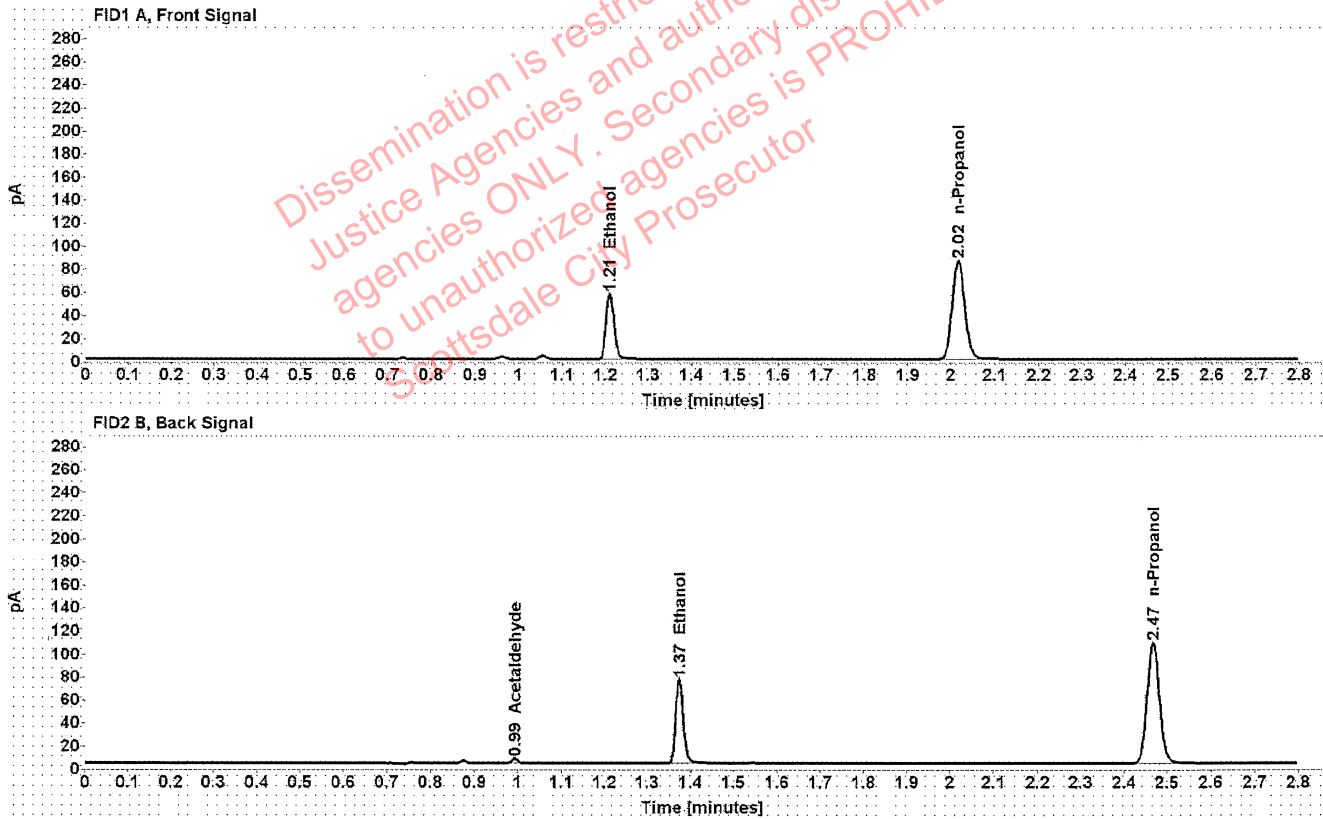


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1155	1.211	72.392
n-Propanol	-----	2.016	170.330

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.944
Ethanol	1.374	90.189
n-Propanol	2.467	211.926

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801GR	Vial:	12
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 8:47:54 PM
Data file:	C:\Chem32\1\Data\03May21\12.D	Analyst:	Brooke

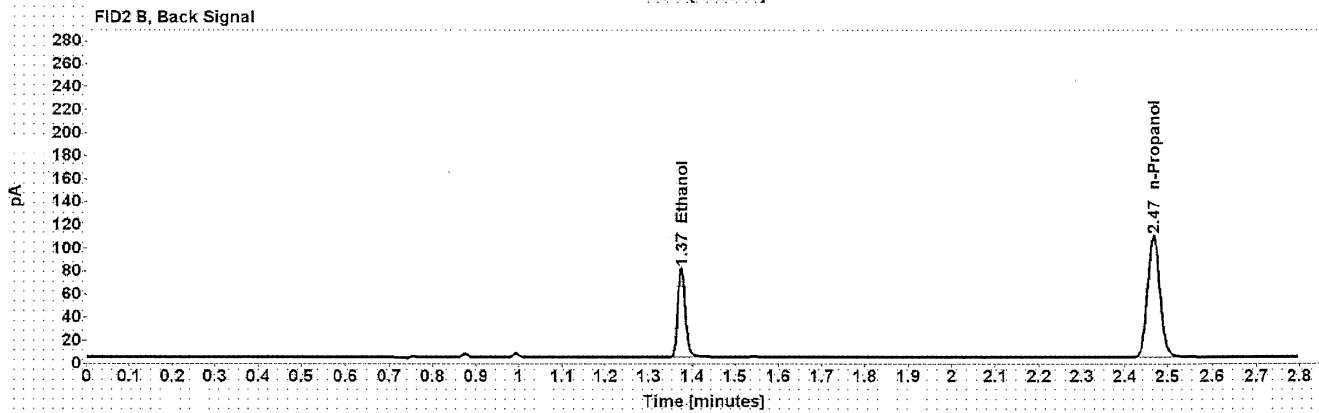
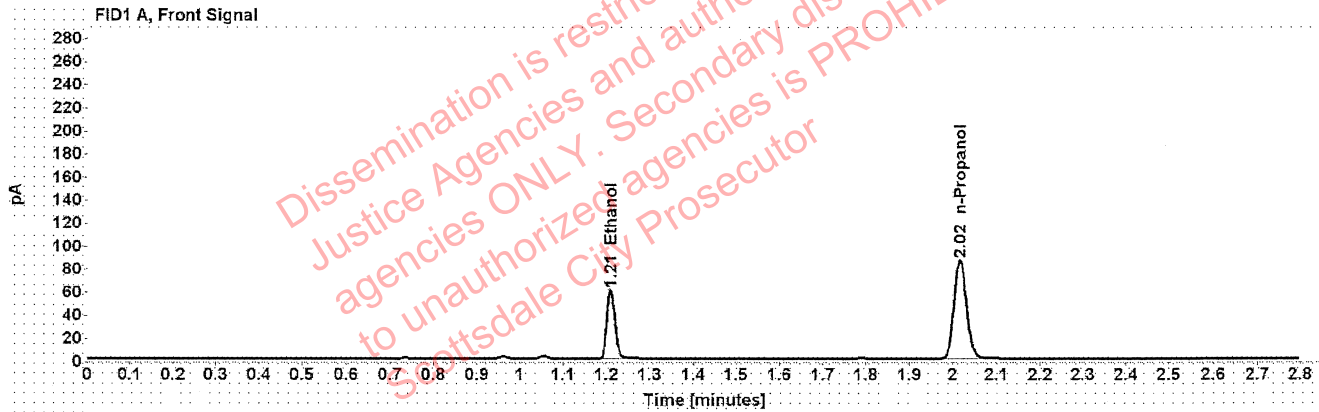


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1213	1.210	76.444
n-Propanol	-----	2.016	171.184

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

Compound	Time (min)	Peak Area
Ethanol	1.374	95.034
n-Propanol	2.467	213.295

[REDACTED]: Brooke, Phillip - (04-May-2021)

Case: [REDACTED] User: pbrooke 5/4/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801GR	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 8:52:08 PM
Data file:	C:\Chem32\1\Data\03May21\13.D	Analyst:	Brooke

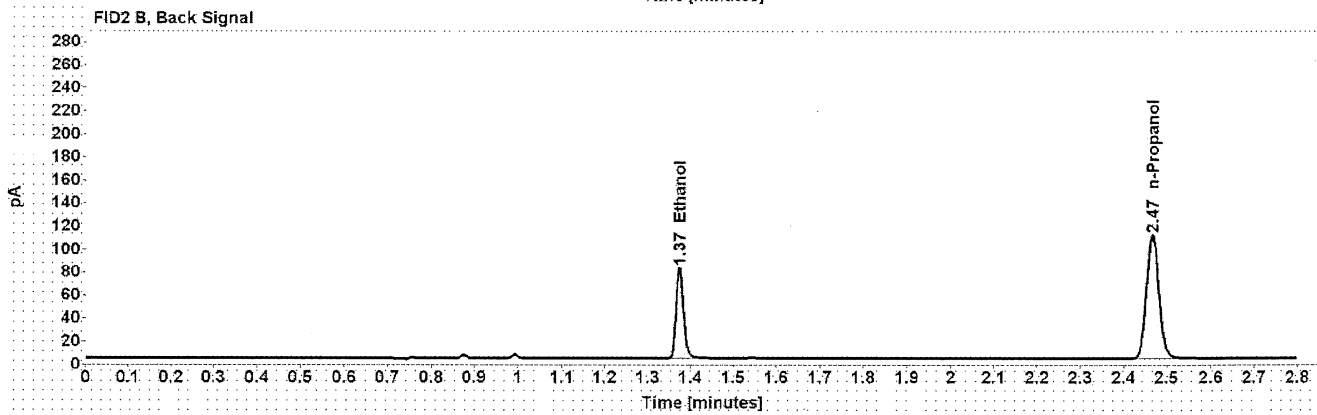
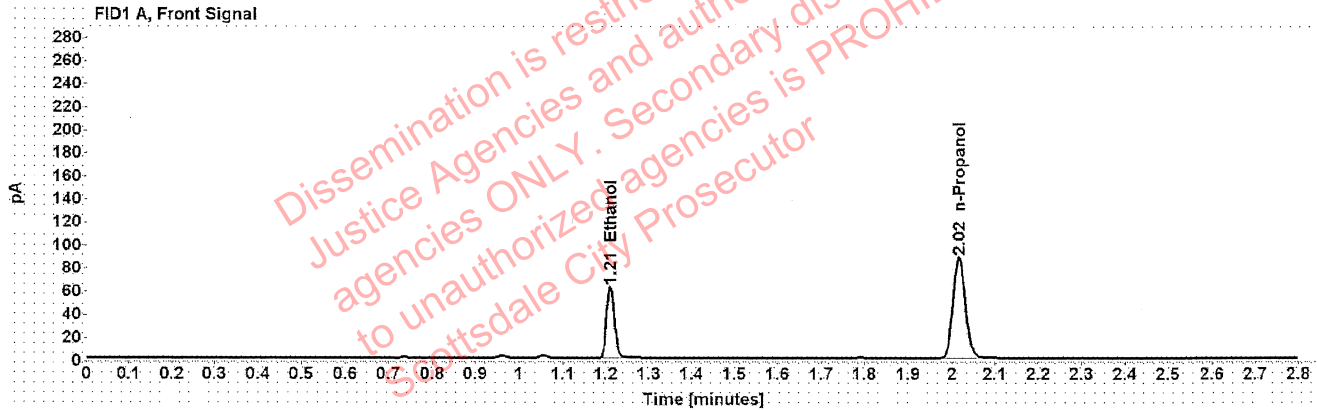


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1219	1.210	78.235
n-Propanol	-----	2.016	174.334

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

Compound	Time (min)	Peak Area
Ethanol	1.374	97.152
n-Propanol	2.467	217.162

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701KF	Vial:	14
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 8:56:09 PM
Data file:	C:\Chem32\1\Data\03May21\14.D	Analyst:	Brooke

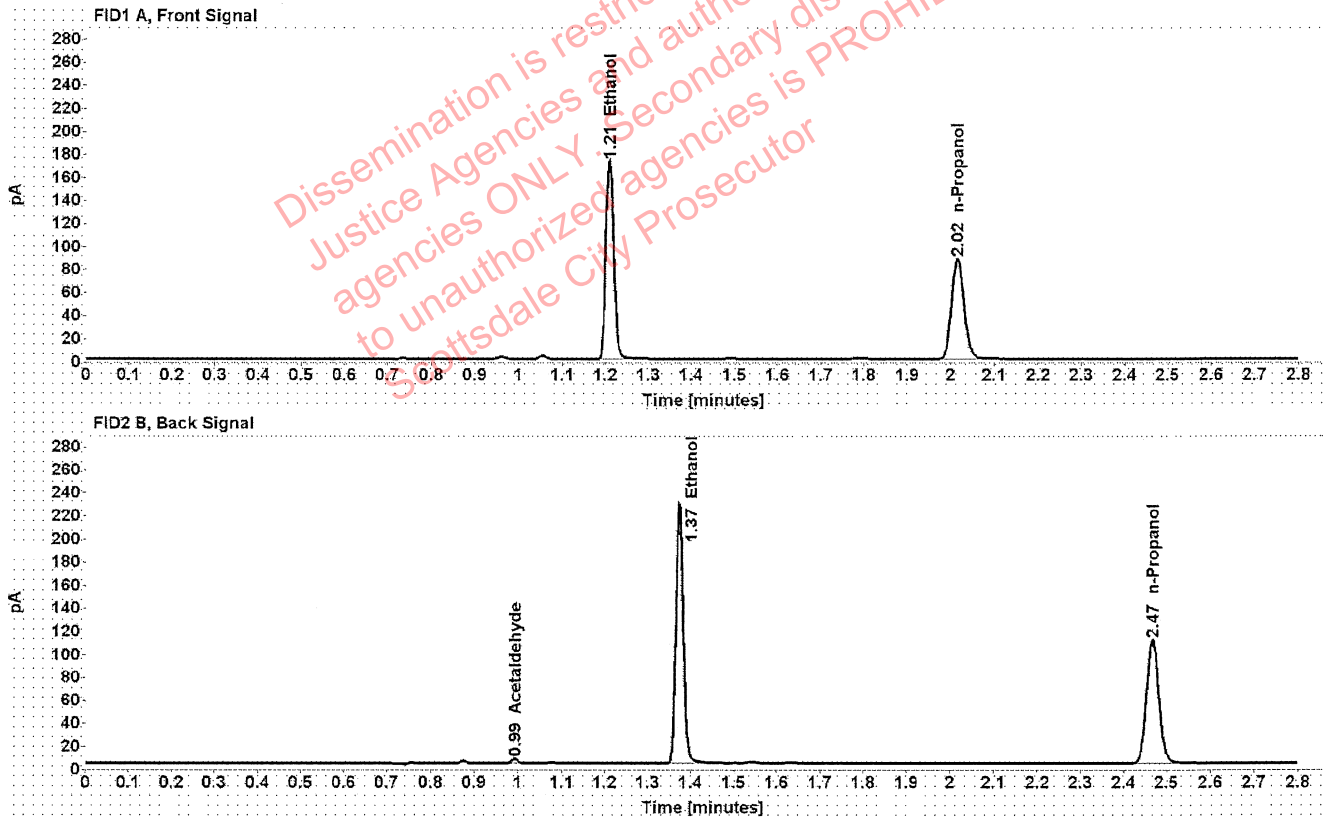


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3412	1.209	219.882
n-Propanol	-----	2.016	173.804

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.917
Ethanol	1.374	275.510
n-Propanol	2.467	216.420

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701KF	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 9:00:10 PM
Data file:	C:\Chem32\1\Data\03May21\15.D	Analyst:	Brooke

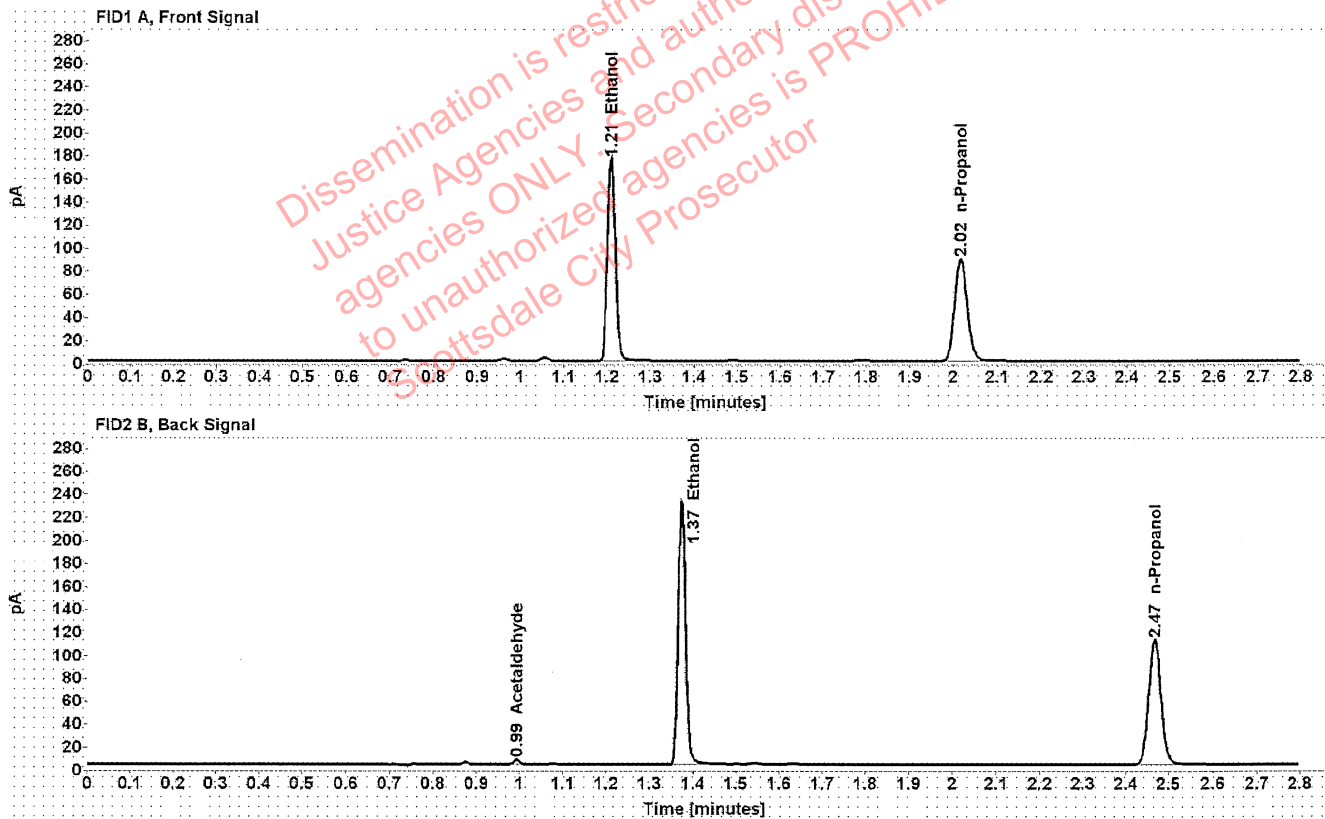


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3418	1.210	223.568
n-Propanol	-----	2.016	176.427

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.082
Ethanol	1.374	280.142
n-Propanol	2.467	219.604

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601VL	Vial:	16
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 9:04:11 PM
Data file:	C:\Chem32\1\Data\03May21\16.D	Analyst:	Brooke

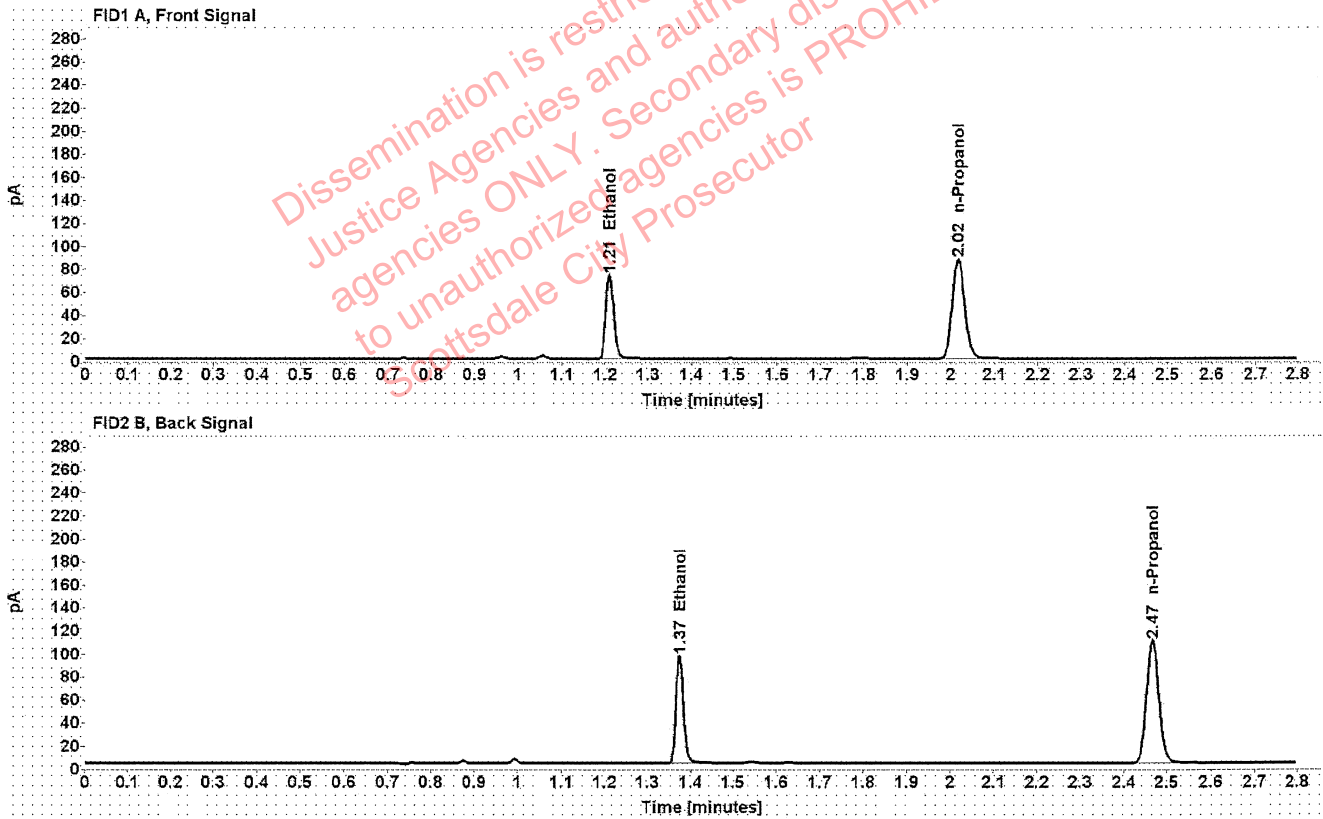


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1449	1.210	92.331
n-Propanol	-----	2.016	172.734

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

Compound	Time (min)	Peak Area
Ethanol	1.374	115.113
n-Propanol	2.467	214.860

[REDACTED]: Brooke, Phillip - (04-May-2021)

Case: [REDACTED] User: pbrooke 5/4/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601VL	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 9:08:09 PM
Data file:	C:\Chem32\1\Data\03May21\17.D	Analyst:	Brooke

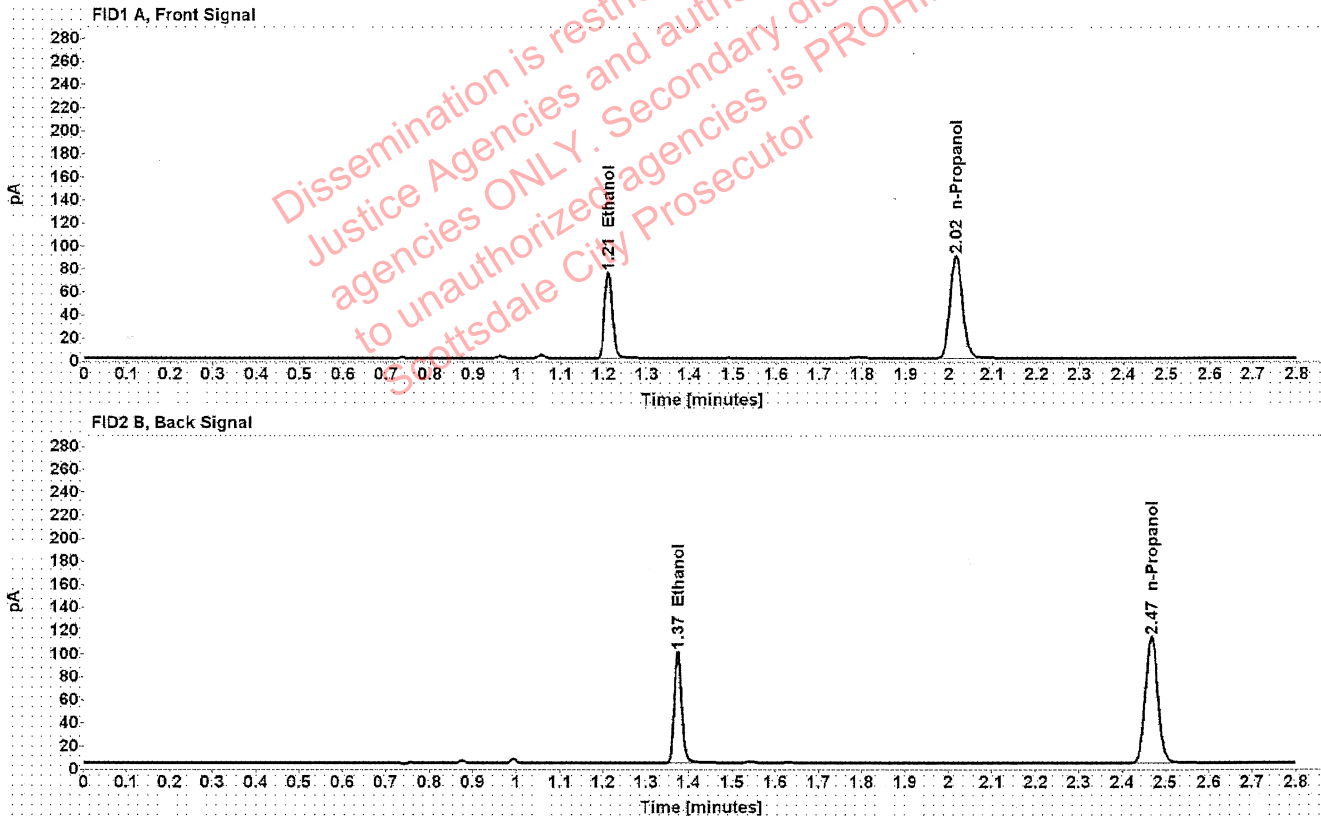


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1456	1.210	95.590
n-Propanol	-----	2.016	178.027

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

Compound	Time (min)	Peak Area
Ethanol	1.374	119.442
n-Propanol	2.467	221.593

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801MS	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 9:12:10 PM
Data file:	C:\Chem32\1\Data\03May21\18.D	Analyst:	Brooke

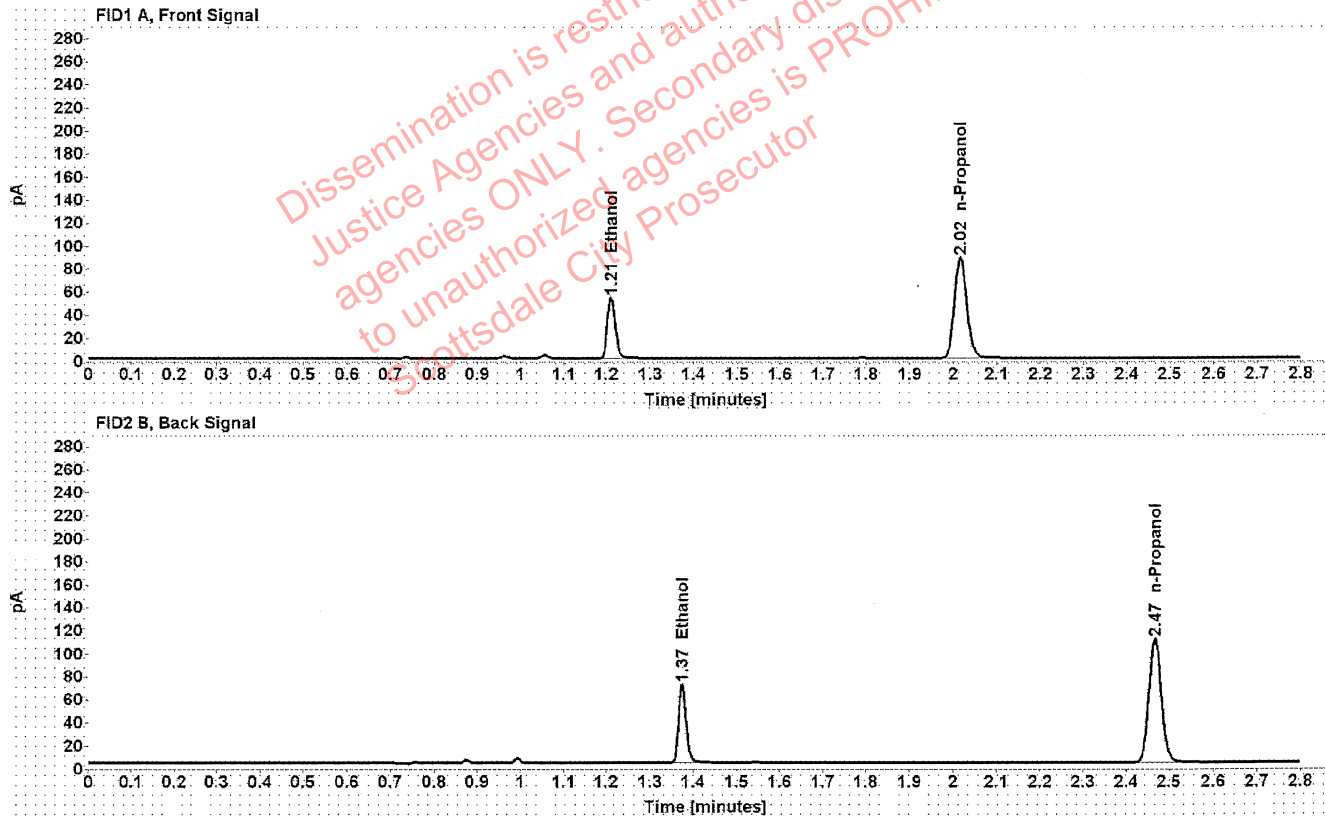


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1052	1.211	67.456
n-Propanol	-----	2.016	174.374

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

Compound	Time (min)	Peak Area
Ethanol	1.375	84.000
n-Propanol	2.467	217.277

[REDACTED] : Brooke, Phillip - (04-May-2021)

Case: [REDACTED] User: pbrooke 5/4/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801MS	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 9:16:24 PM
Data file:	C:\Chem32\1\Data\03May21\19.D	Analyst:	Brooke

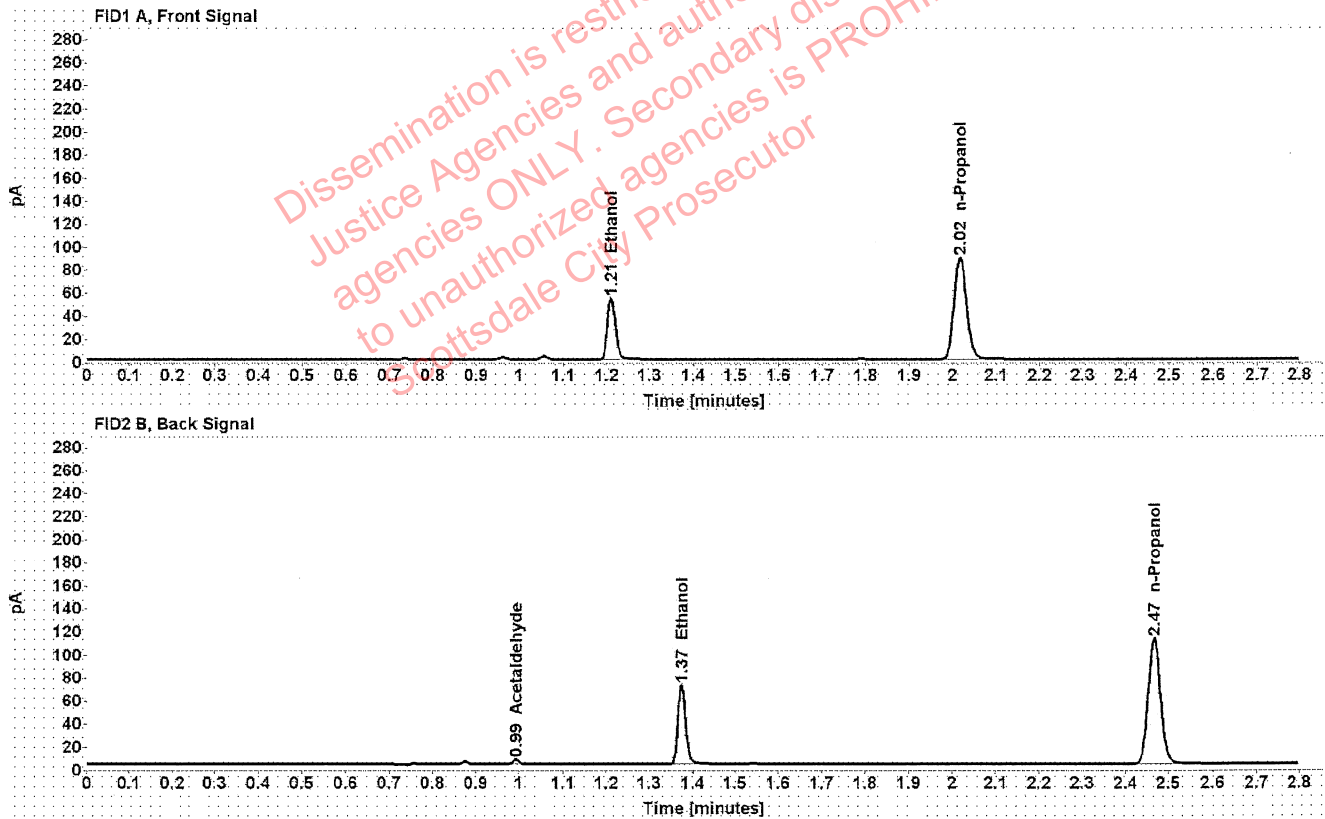


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1052	1.211	68.286
n-Propanol	-----	2.016	176.633

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.777
Ethanol	1.375	84.803
n-Propanol	2.467	219.735

[REDACTED]: Brooke, Phillip - (04-May-2021)

Case: [REDACTED] User: pbrooke 5/4/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38601GV	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 9:24:25 PM
Data file:	C:\Chem32\1\Data\03May21\21.D	Analyst:	Brooke

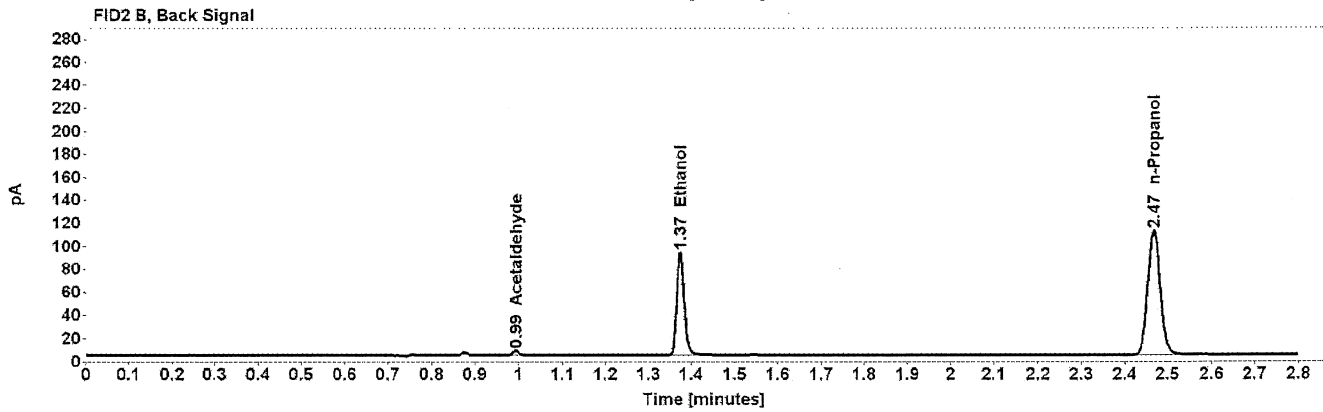
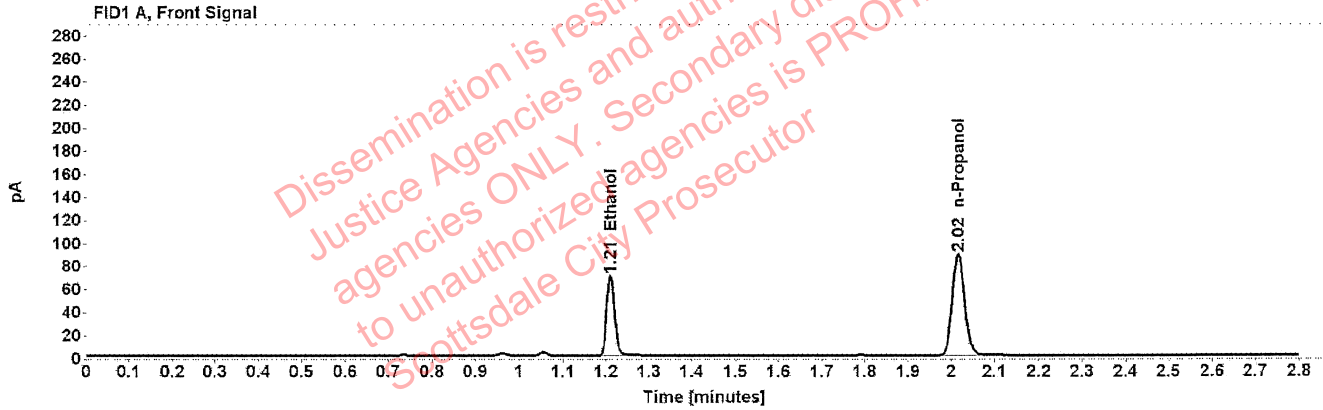


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1367	1.210	88.446
n-Propanol	-----	2.017	175.468

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.063
Ethanol	1.374	110.258
n-Propanol	2.468	218.219

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38601GV	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 9:28:23 PM
Data file:	C:\Chem32\1\Data\03May21\22.D	Analyst:	Brooke

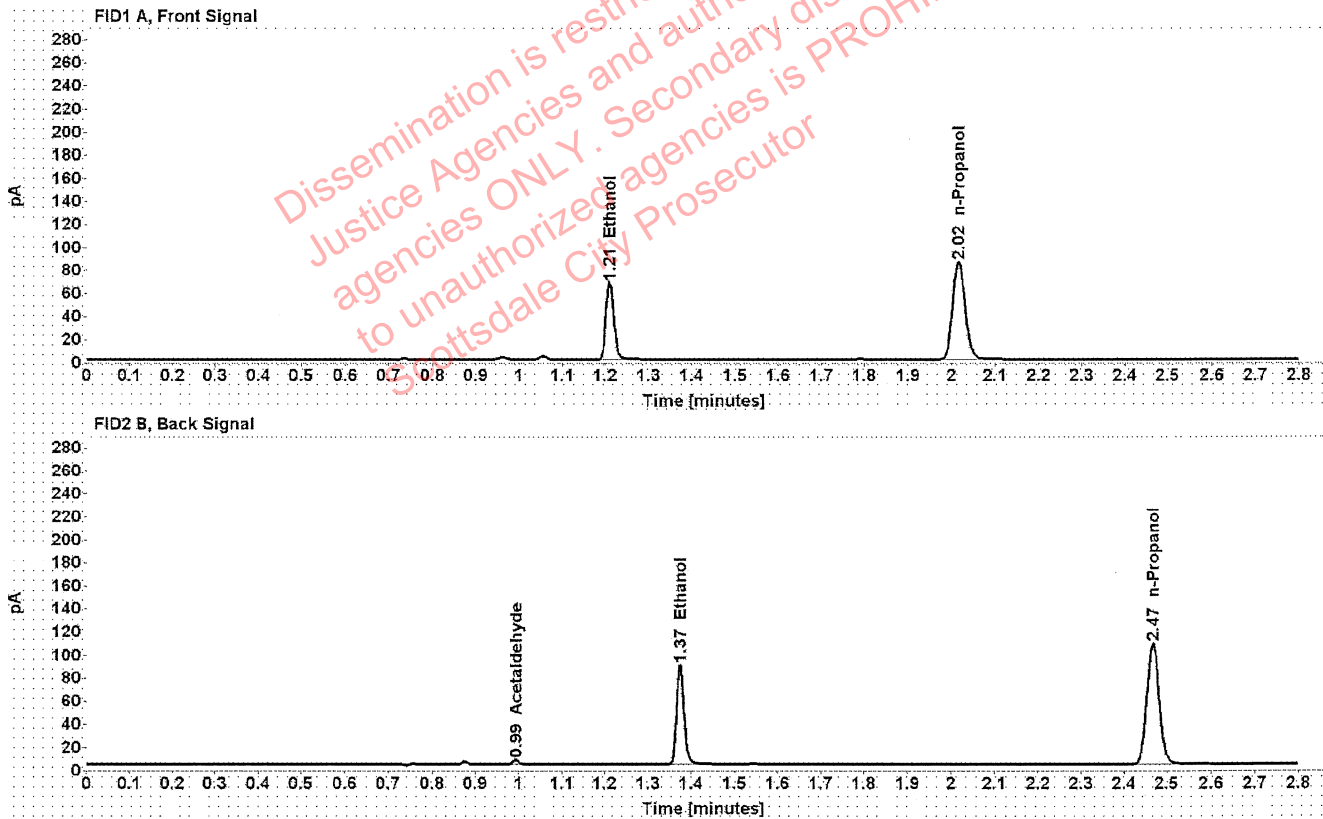


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1366	1.210	85.445
n-Propanol	-----	2.016	169.668

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.024
Ethanol	1.374	106.354
n-Propanol	2.467	210.807

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1367856	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 9:32:25 PM
Data file:	C:\Chem32\1\Data\03May21\23.D	Analyst:	Brooke

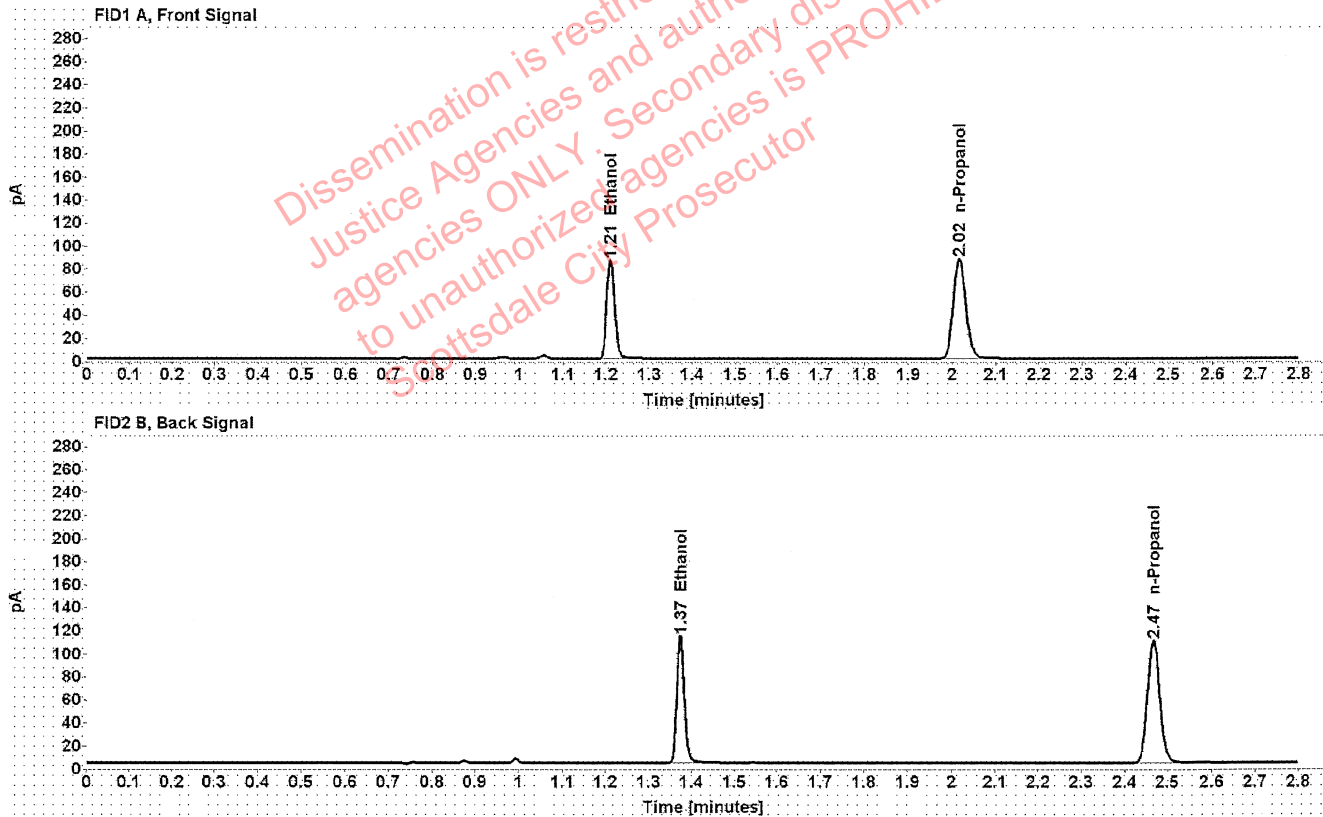


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1705	1.210	108.856
n-Propanol	-----	2.016	172.837

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

Compound	Time (min)	Peak Area
Ethanol	1.374	135.857
n-Propanol	2.467	214.777

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1367856	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 9:36:23 PM
Data file:	C:\Chem32\1\Data\03May21\24.D	Analyst:	Brooke

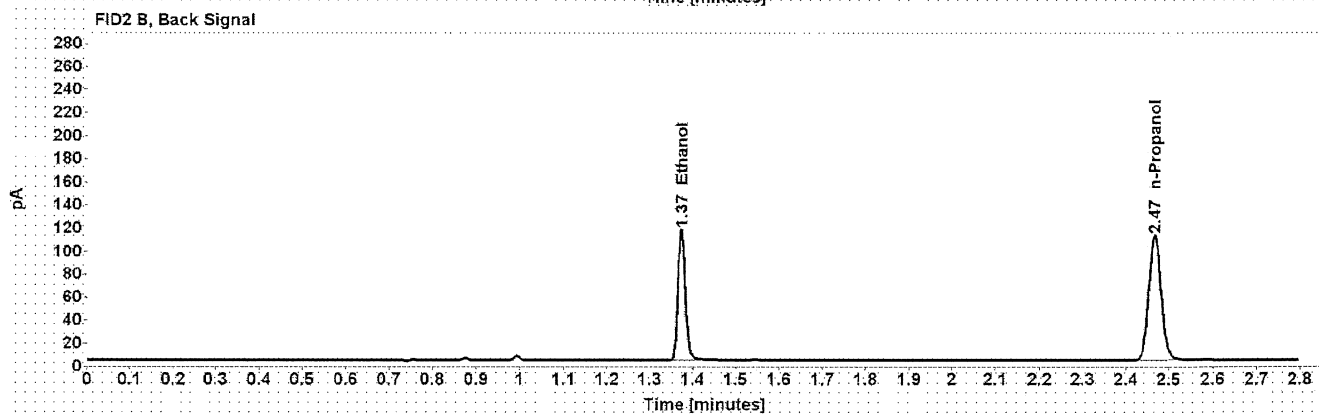
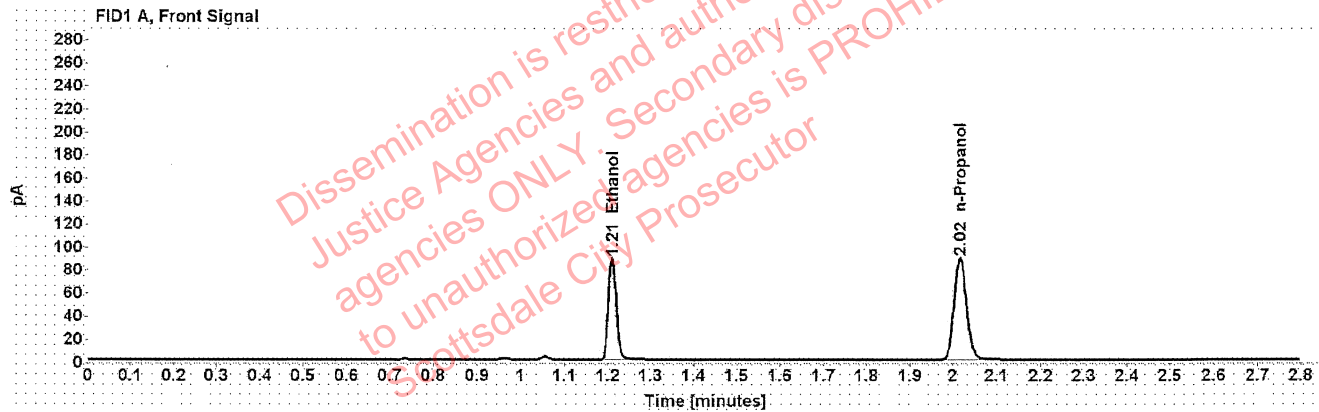


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1724	1.210	112.112
n-Propanol	-----	2.016	176.057

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

Compound	Time (min)	Peak Area
Ethanol	1.374	140.013
n-Propanol	2.467	218.640

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368146	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 9:40:40 PM
Data file:	C:\Chem32\1\Data\03May21\25.D	Analyst:	Brooke

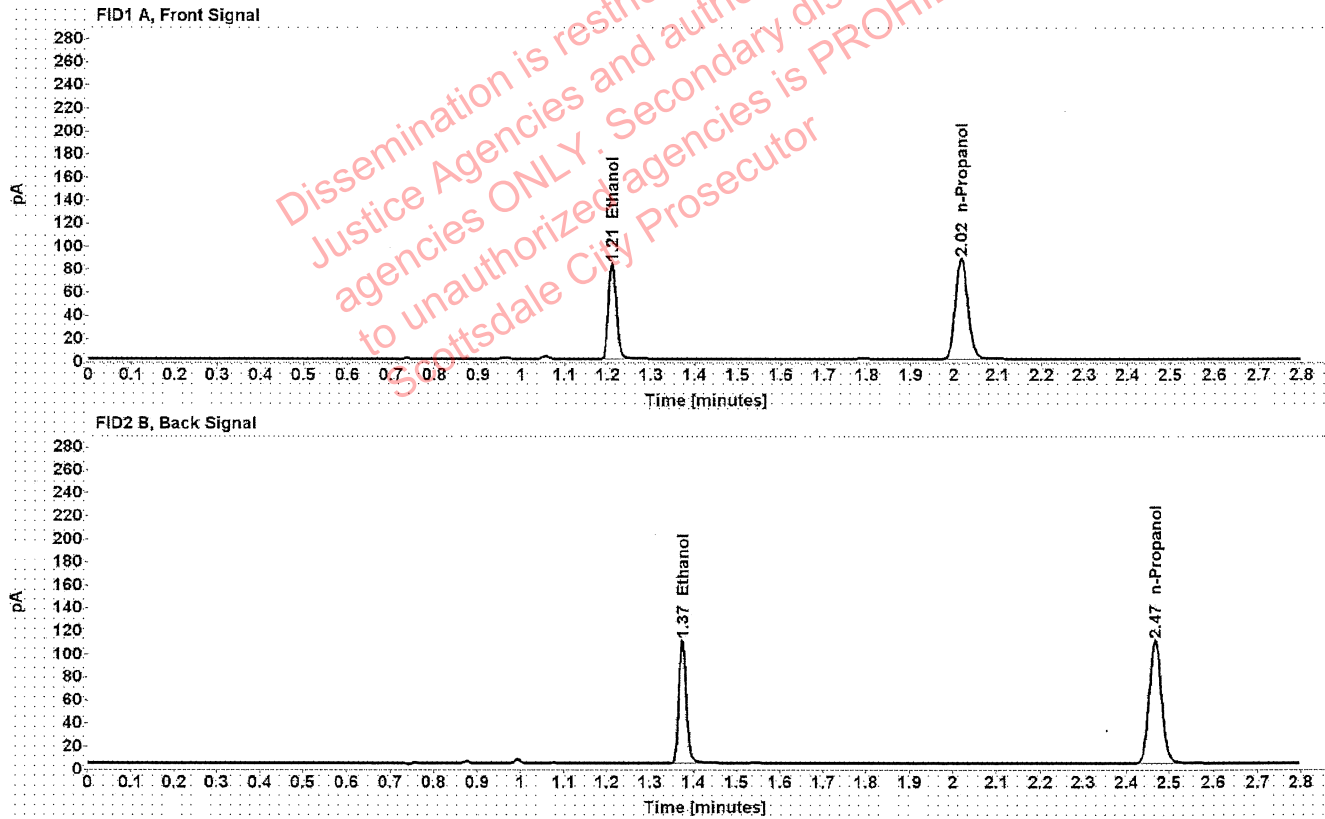


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1650	1.210	105.735
n-Propanol	-----	2.016	173.566

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

Compound	Time (min)	Peak Area
Ethanol	1.374	131.676
n-Propanol	2.467	215.792

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368146	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 9:44:39 PM
Data file:	C:\Chem32\1\Data\03May21\26.D	Analyst:	Brooke

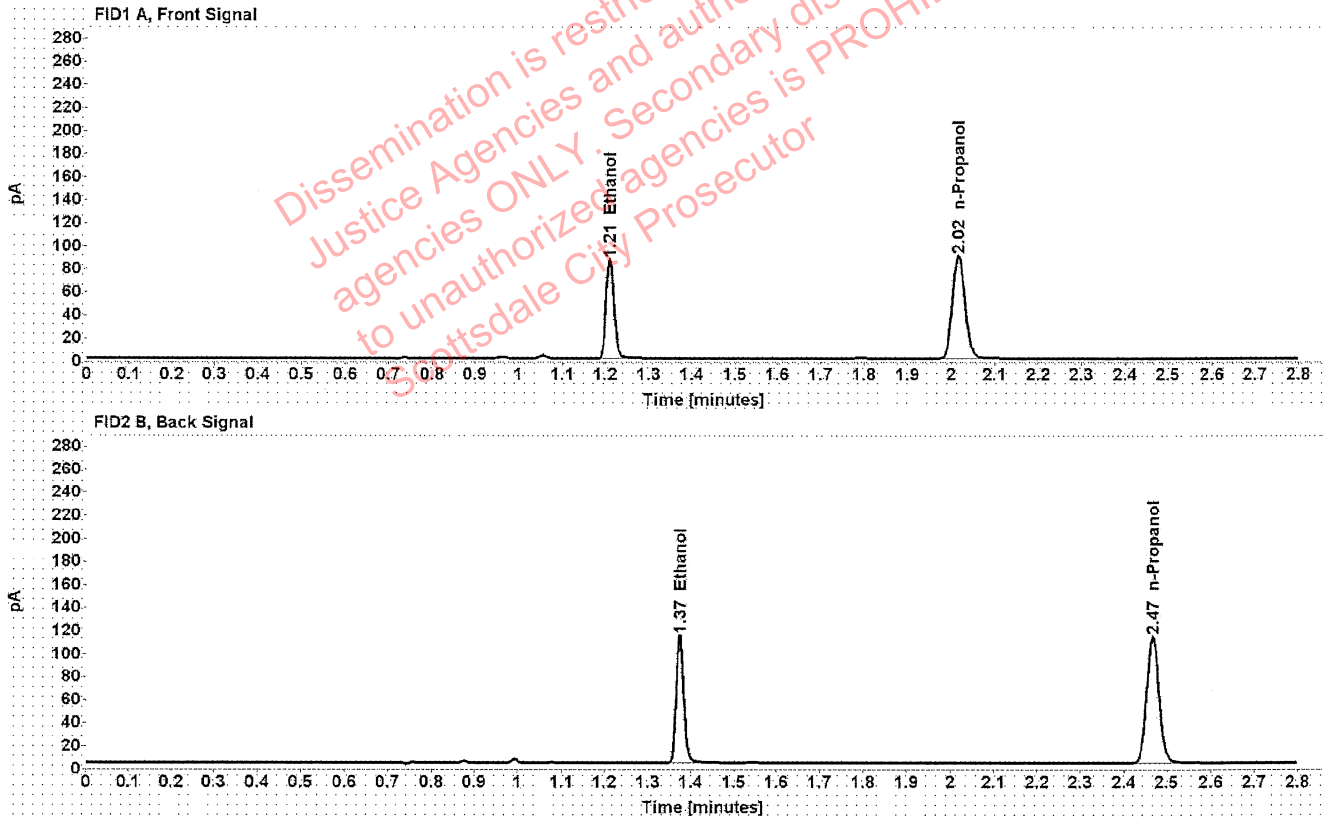


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1662	1.210	109.552
n-Propanol	-----	2.016	178.524

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

Compound	Time (min)	Peak Area
Ethanol	1.374	136.734
n-Propanol	2.467	222.182

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1368255	Vial: 27
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 9:48:39 PM
Data file: C:\Chem32\1\Data\03May21\27.D	Analyst: Brooke

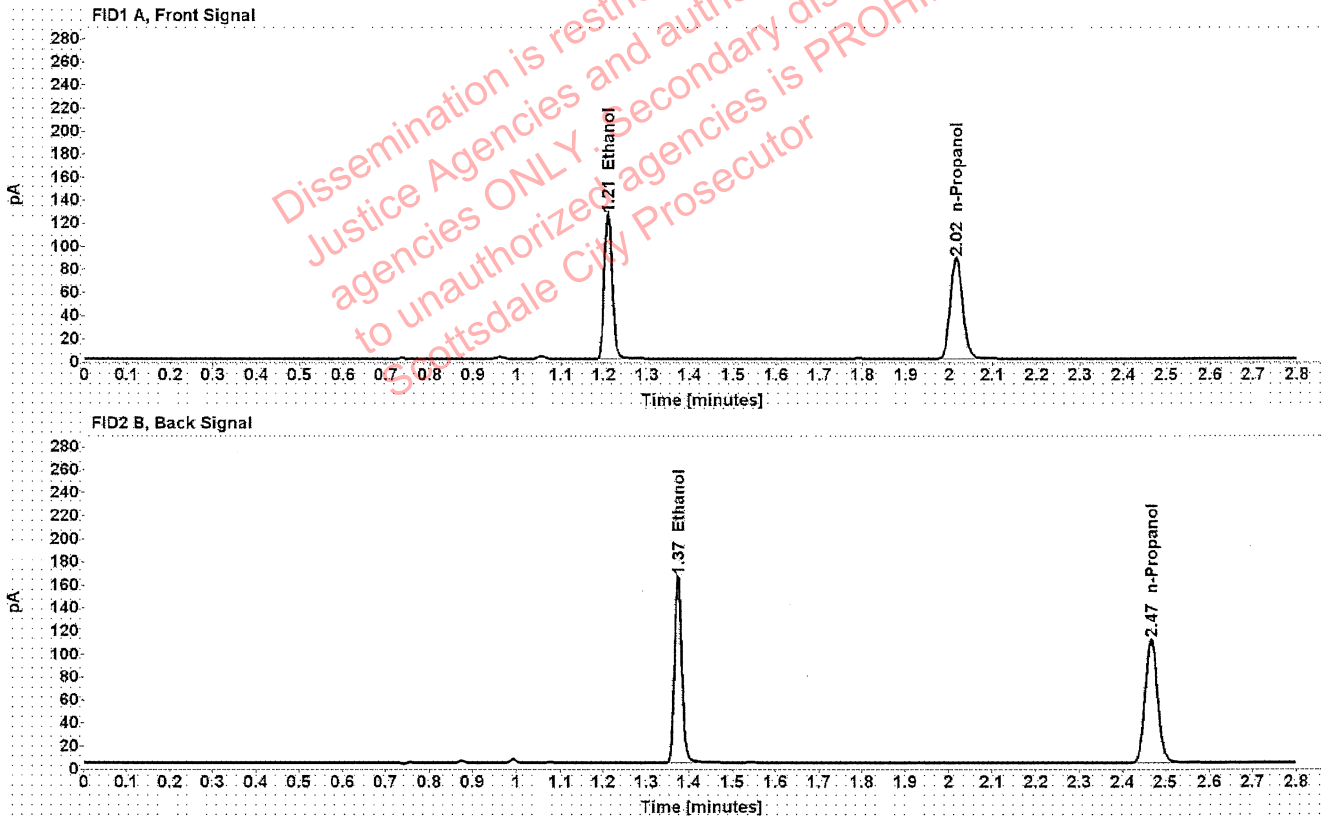


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2467	1.210	159.214
n-Propanol	-----	2.016	174.346

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

Compound	Time (min)	Peak Area
Ethanol	1.374	198.831
n-Propanol	2.467	217.182

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1368255	Vial: 28
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 9:52:41 PM
Data file: C:\Chem32\1\Data\03May21\28.D	Analyst: Brooke

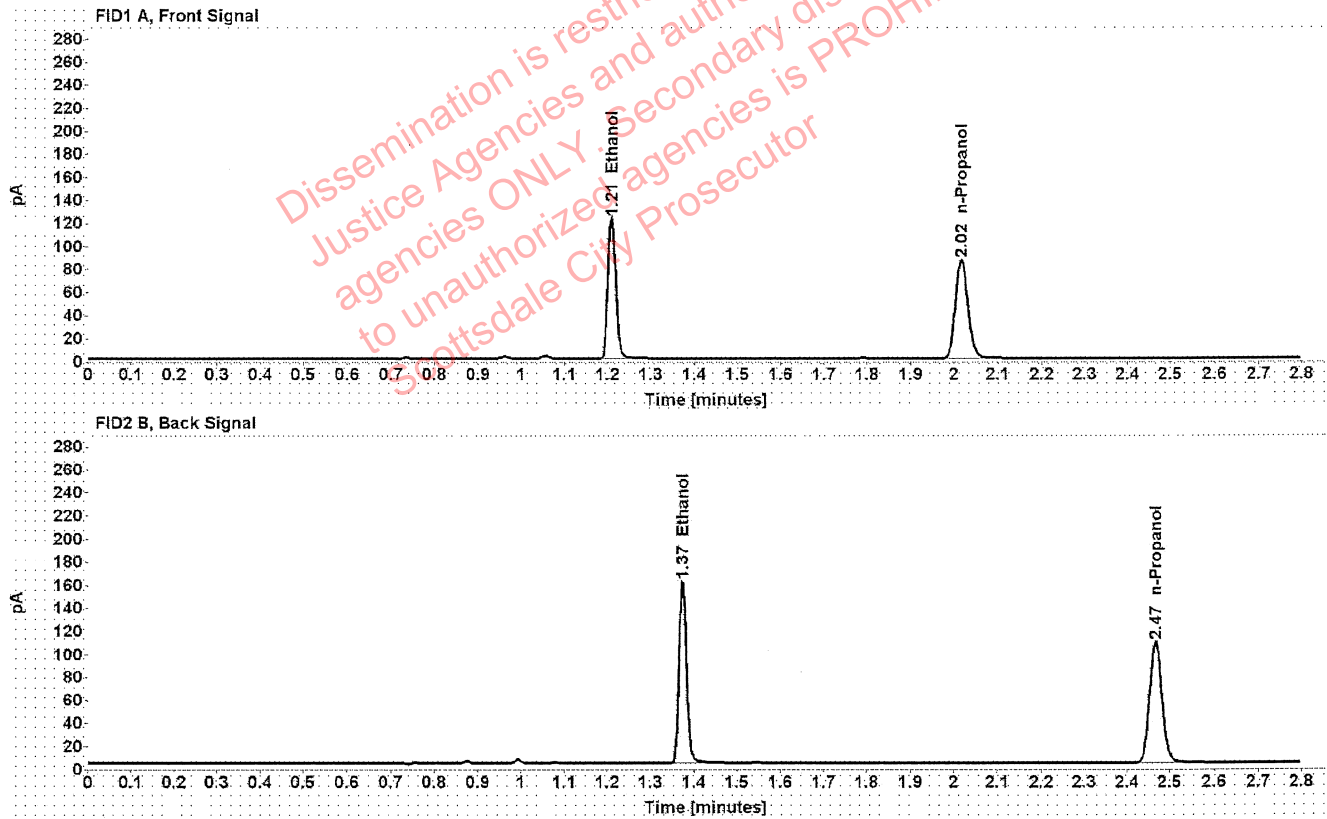


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2458	1.210	155.417
n-Propanol	-----	2.016	170.757

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

Compound	Time (min)	Peak Area
Ethanol	1.374	194.605
n-Propanol	2.467	212.613

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368318	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 9:56:40 PM
Data file:	C:\Chem32\1\Data\03May21\29.D	Analyst:	Brooke

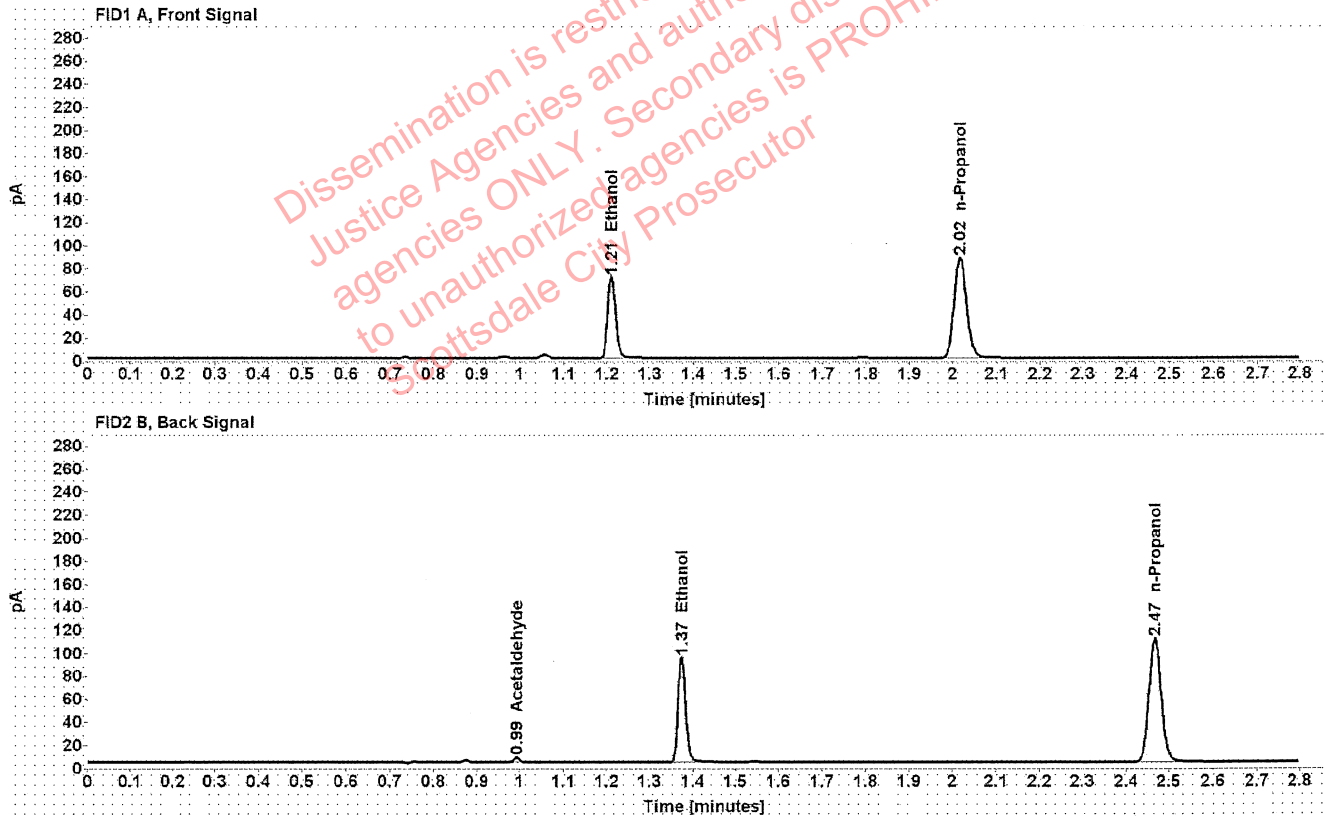


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1408	1.210	90.319
n-Propanol	-----	2.017	174.028

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.102
Ethanol	1.374	112.689
n-Propanol	2.468	216.168

: Brooke, Phillip - (04-May-2021)

Case: User: pbrooke 5/4/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368318	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 10:00:41 PM
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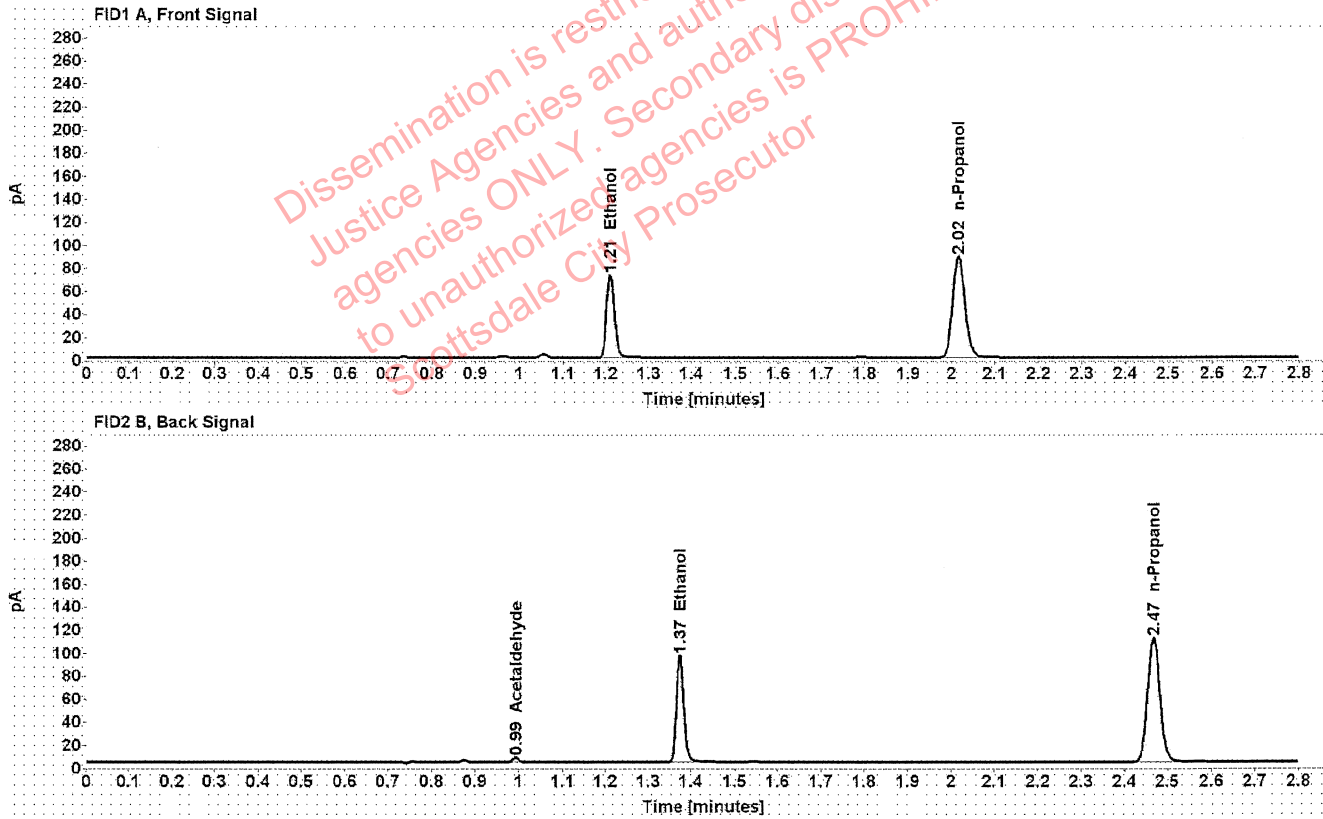


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1420	1.210	92.001
n-Propanol	-----	2.016	175.632

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.990
Ethanol	1.374	114.611
n-Propanol	2.468	218.252

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368316	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 10:08:54 PM
Data file:	C:\Chem32\1\Data\03May21\32.D	Analyst:	Brooke

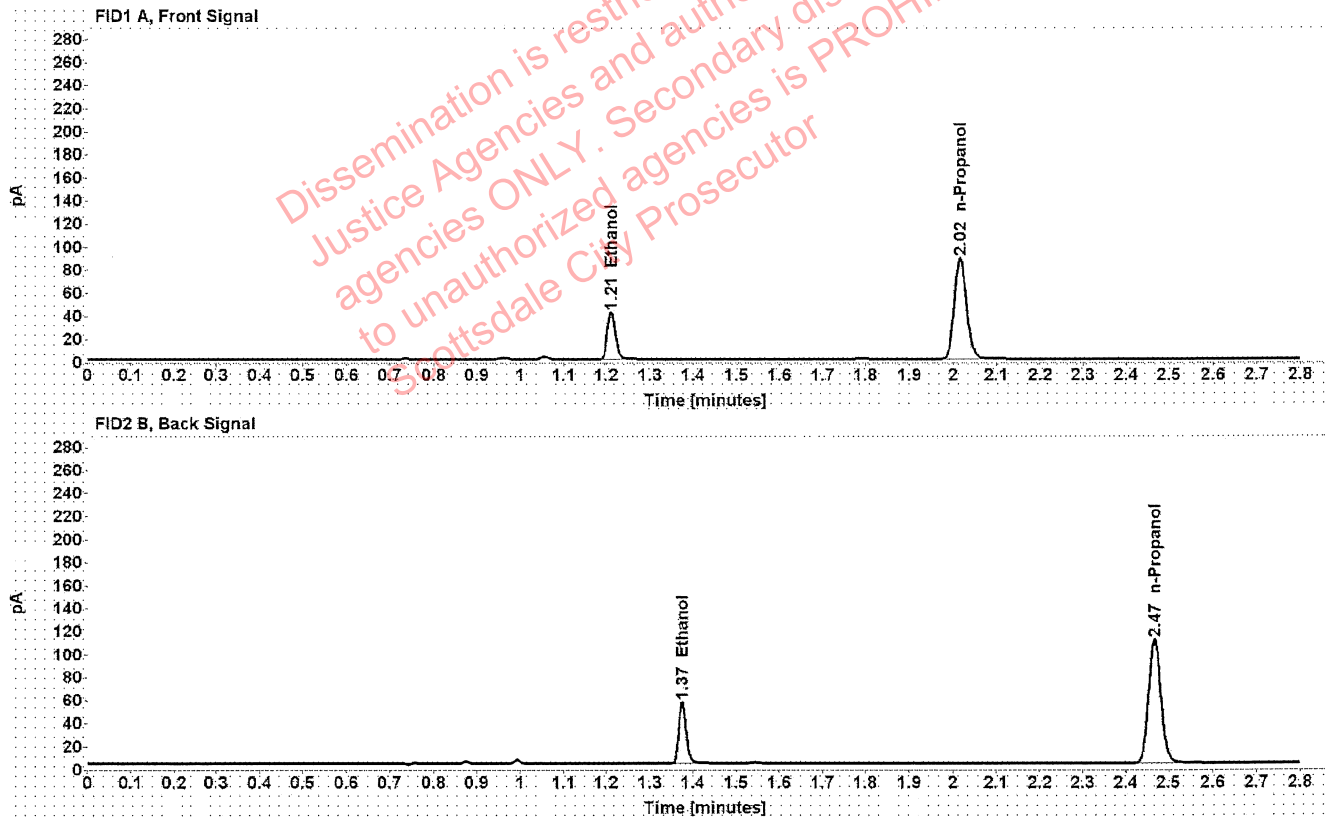


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0828	1.211	52.905
n-Propanol	-----	2.016	174.519

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

Compound	Time (min)	Peak Area
Ethanol	1.375	65.670
n-Propanol	2.467	217.207

[REDACTED] : Brooke, Phillip - (04-May-2021)

Case: [REDACTED] User: pbrooke 5/4/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368316	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 10:12:53 PM
Data file:	C:\Chem32\1\Data\03May21\33.D	Analyst:	Brooke

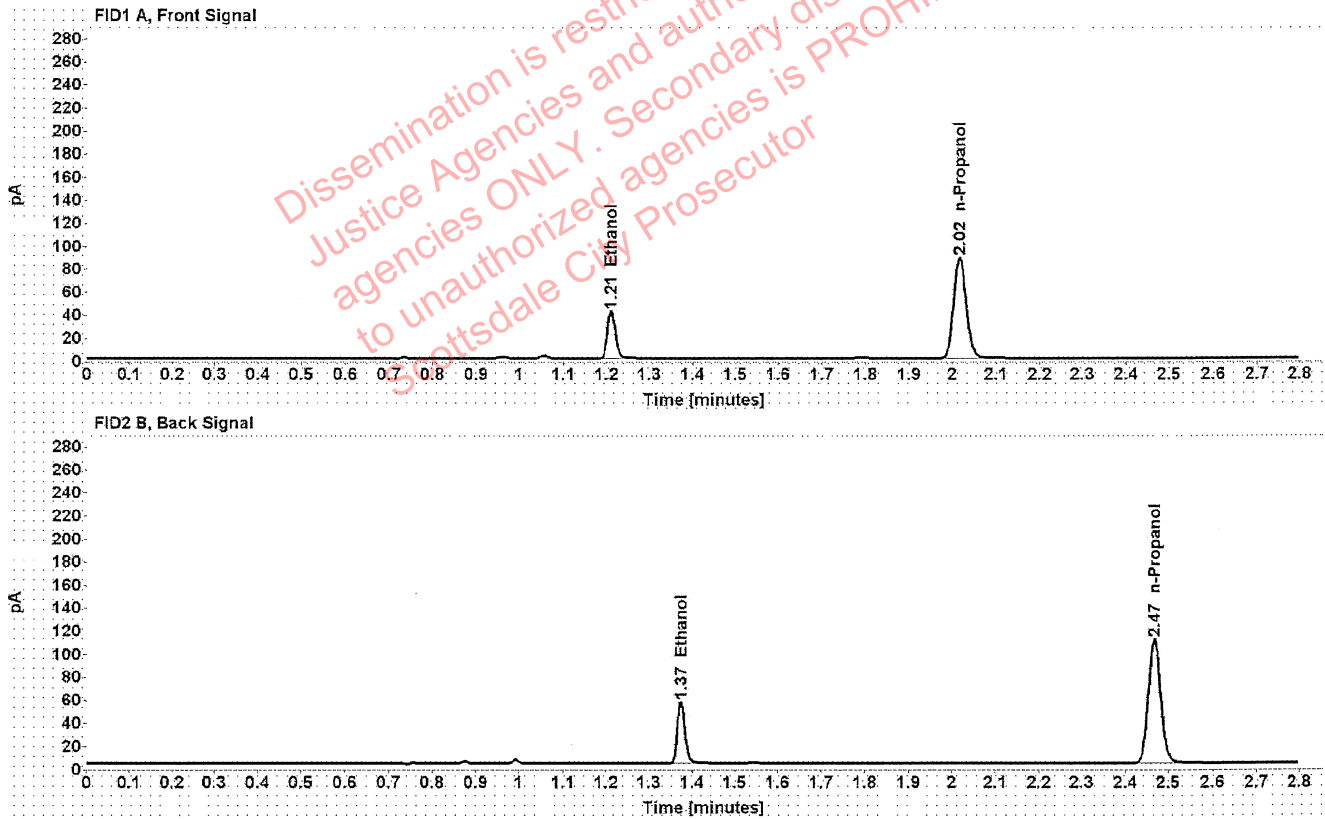


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0824	1.211	52.791
n-Propanol	-----	2.016	174.925

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

Compound	Time (min)	Peak Area
Ethanol	1.375	65.592
n-Propanol	2.467	217.671

[REDACTED] : Brooke, Phillip - (04-May-2021)

Case: [REDACTED] User: pbrooke 5/4/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368270	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 10:16:54 PM
Data file:	C:\Chem32\1\Data\03May21\34.D	Analyst:	Brooke

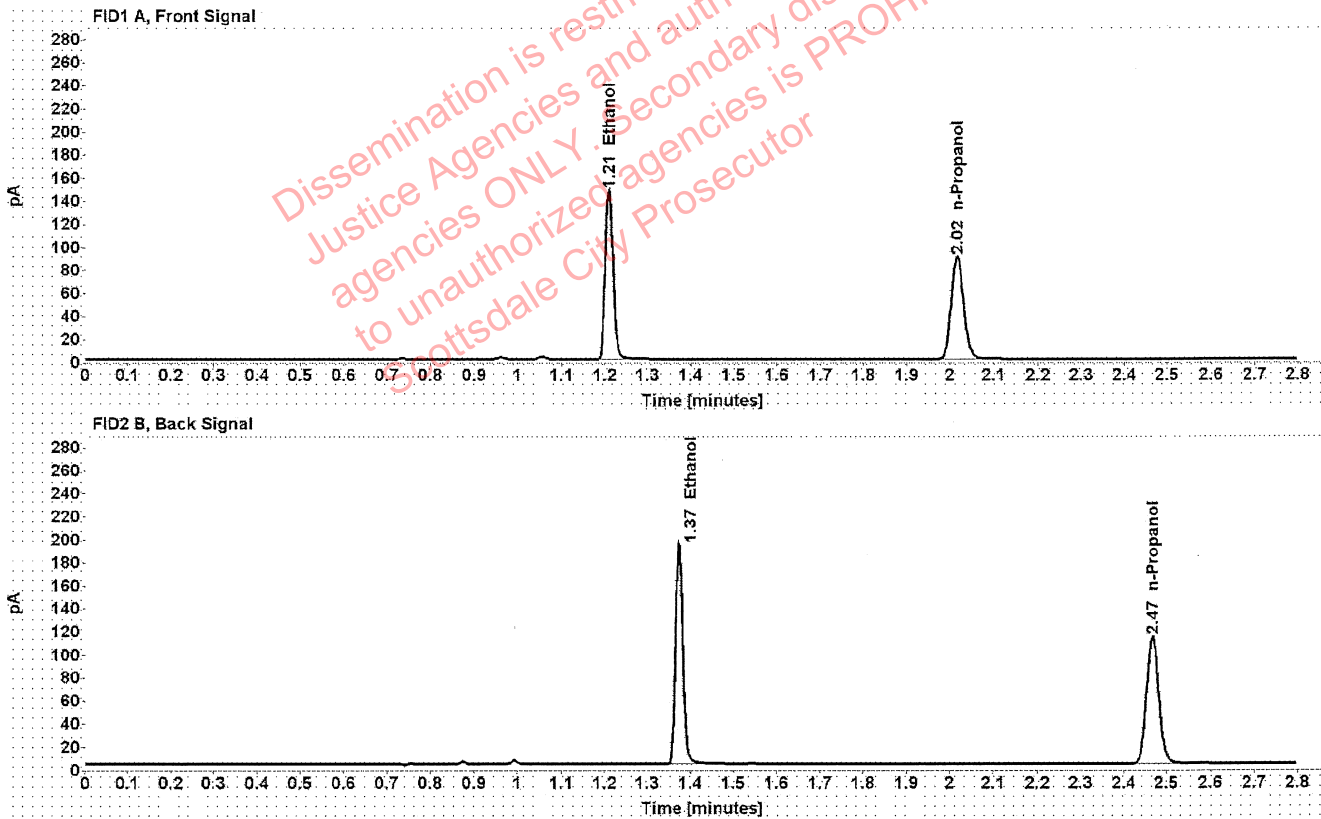


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2835	1.210	187.549
n-Propanol	-----	2.016	178.552

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

Compound	Time (min)	Peak Area
Ethanol	1.374	234.808
n-Propanol	2.467	222.084

[REDACTED]: Brooke, Phillip - (04-May-2021)

Case: [REDACTED] User: pbrooke 5/4/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368270	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 10:20:54 PM
Data file:	C:\Chem32\1\Data\03May21\35.D	Analyst:	Brooke

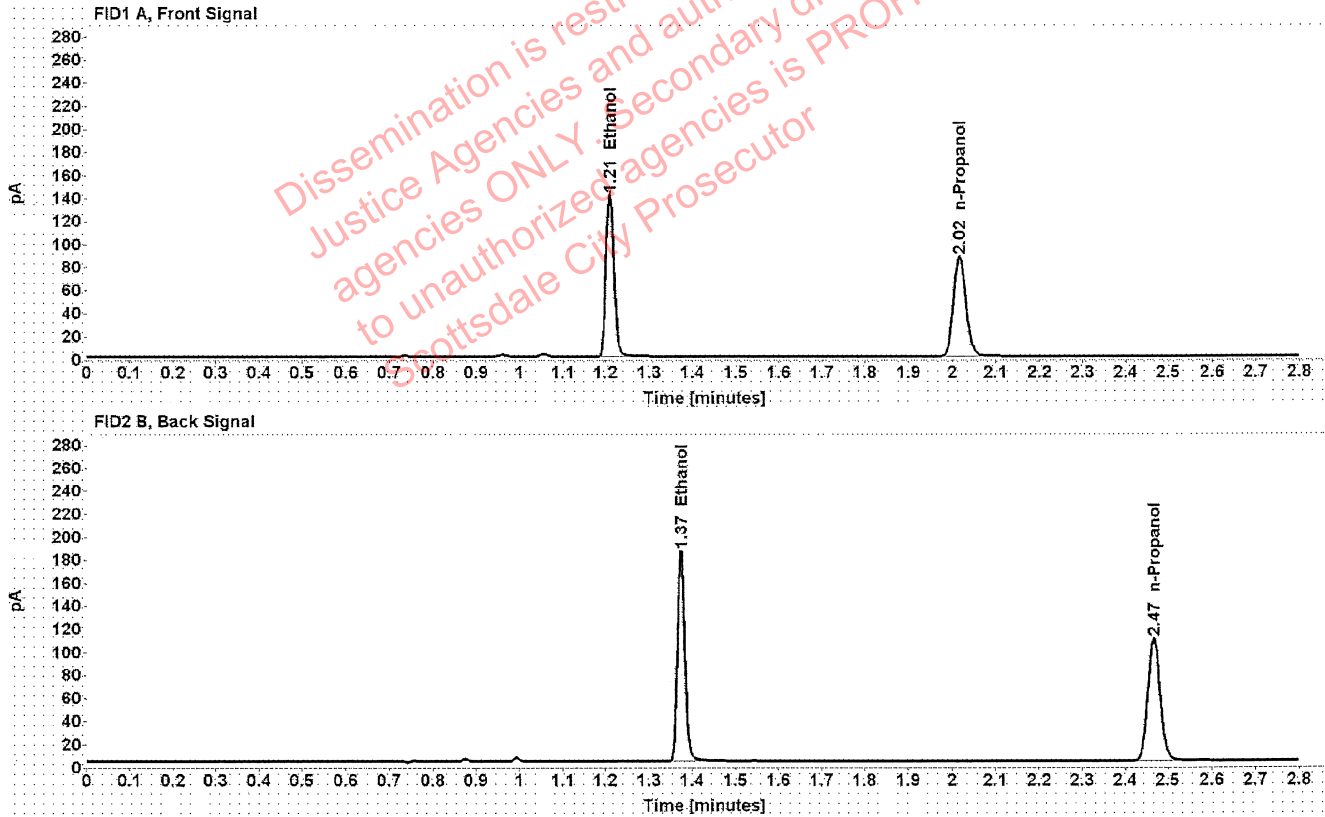


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2804	1.210	179.507
n-Propanol	-----	2.016	172.818

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

Compound	Time (min)	Peak Area
Ethanol	1.374	224.577
n-Propanol	2.467	215.032

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1368441	Vial: 36
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 10:24:55 PM
Data file: C:\Chem32\1\Data\03May21\36.D	Analyst: Brooke

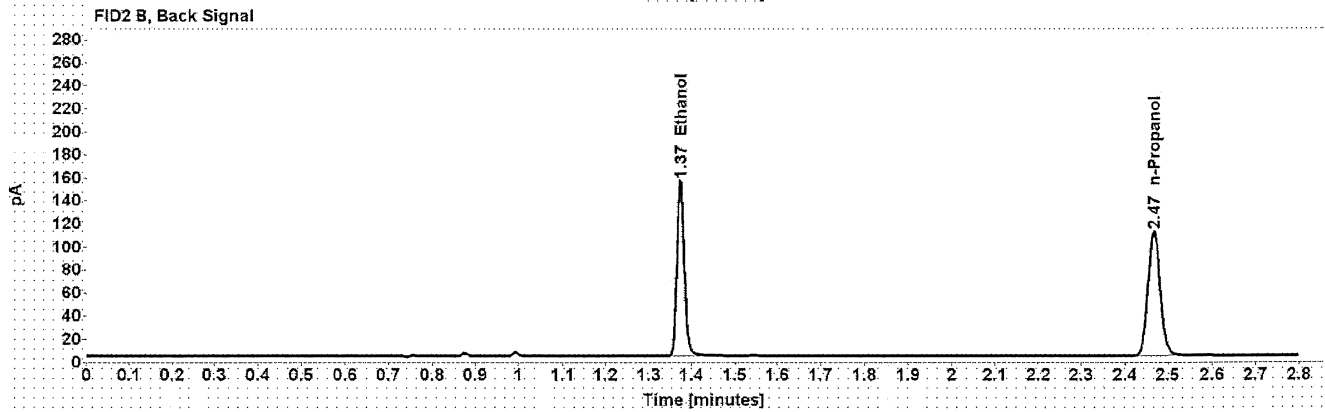
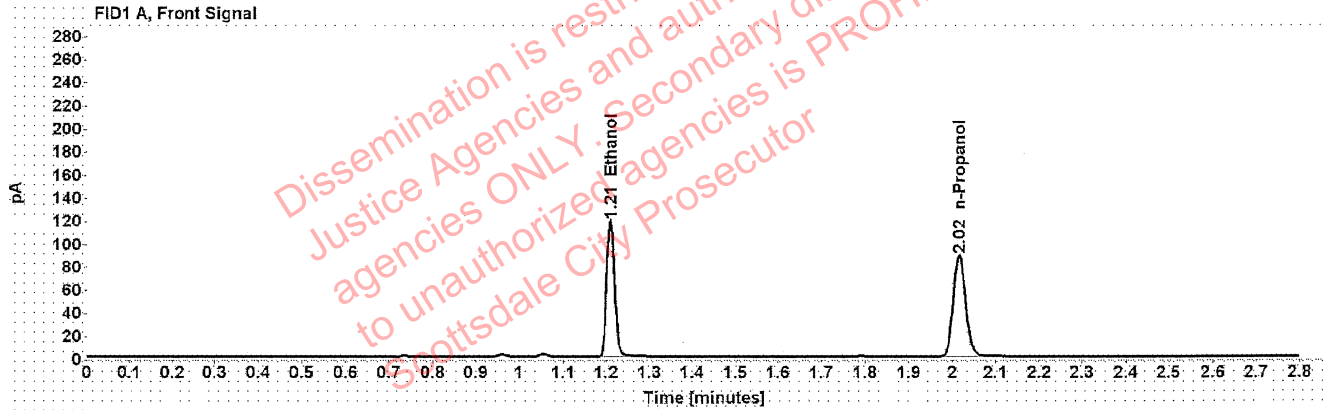


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2310	1.210	149.960
n-Propanol	-----	2.016	175.413

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

Compound	Time (min)	Peak Area
Ethanol	1.374	187.648
n-Propanol	2.467	218.090

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368441	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 10:29:09 PM
Data file:	C:\Chem32\1\Data\03May21\37.D	Analyst:	Brooke

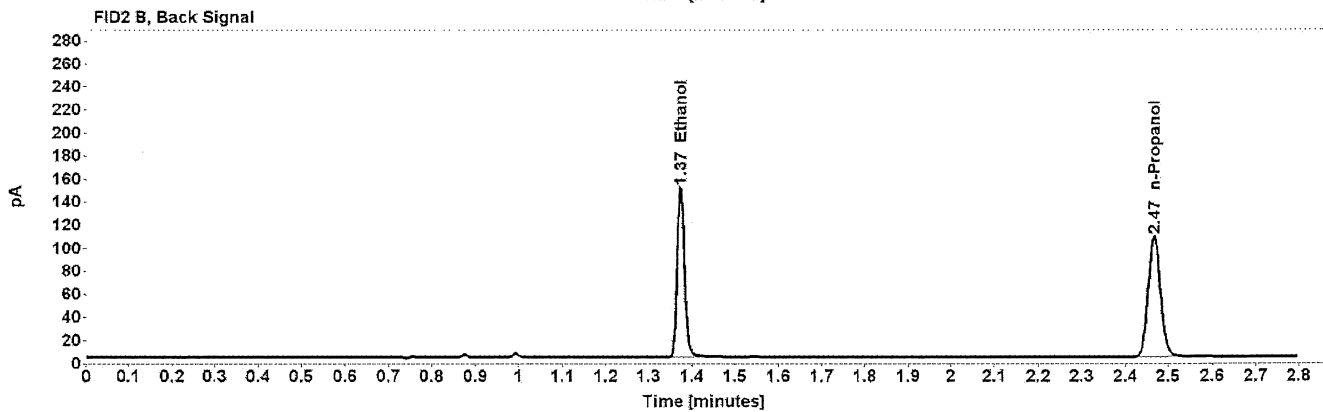
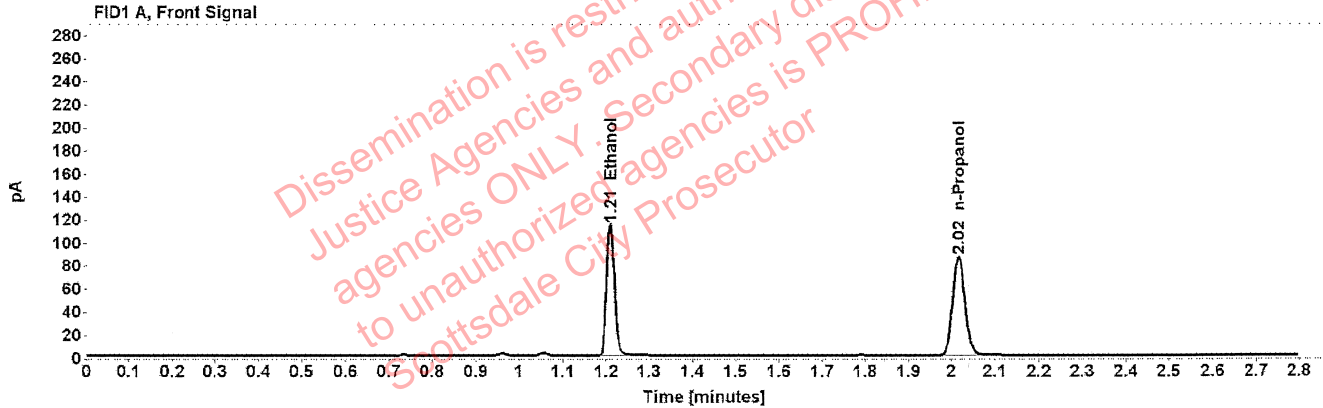


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2297	1.210	144.963
n-Propanol	-----	2.016	170.504

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

Compound	Time (min)	Peak Area
Ethanol	1.374	180.902
n-Propanol	2.467	211.976

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1368257	Vial: 38
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 10:33:09 PM
Data file: C:\Chem32\1\Data\03May21\38.D	Analyst: Brooke

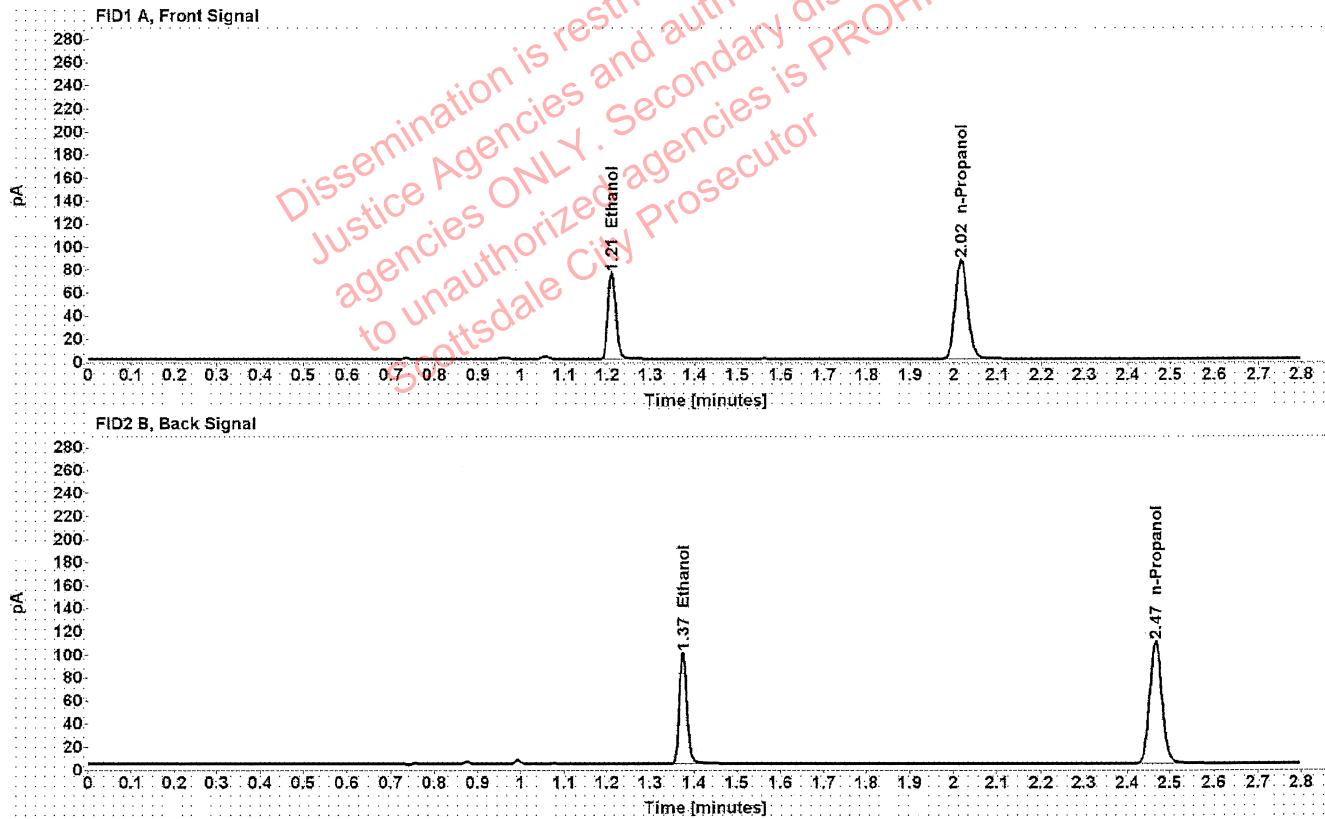


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1505	1.210	95.567
n-Propanol	-----	2.016	172.079

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

Compound	Time (min)	Peak Area
Ethanol	1.374	119.082
n-Propanol	2.467	213.949

[REDACTED]: Brooke, Phillip - (04-May-2021)

Case: [REDACTED] User: pbrooke 5/4/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368257	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 10:37:09 PM
Data file:	C:\Chem32\1\Data\03May21\39.D	Analyst:	Brooke

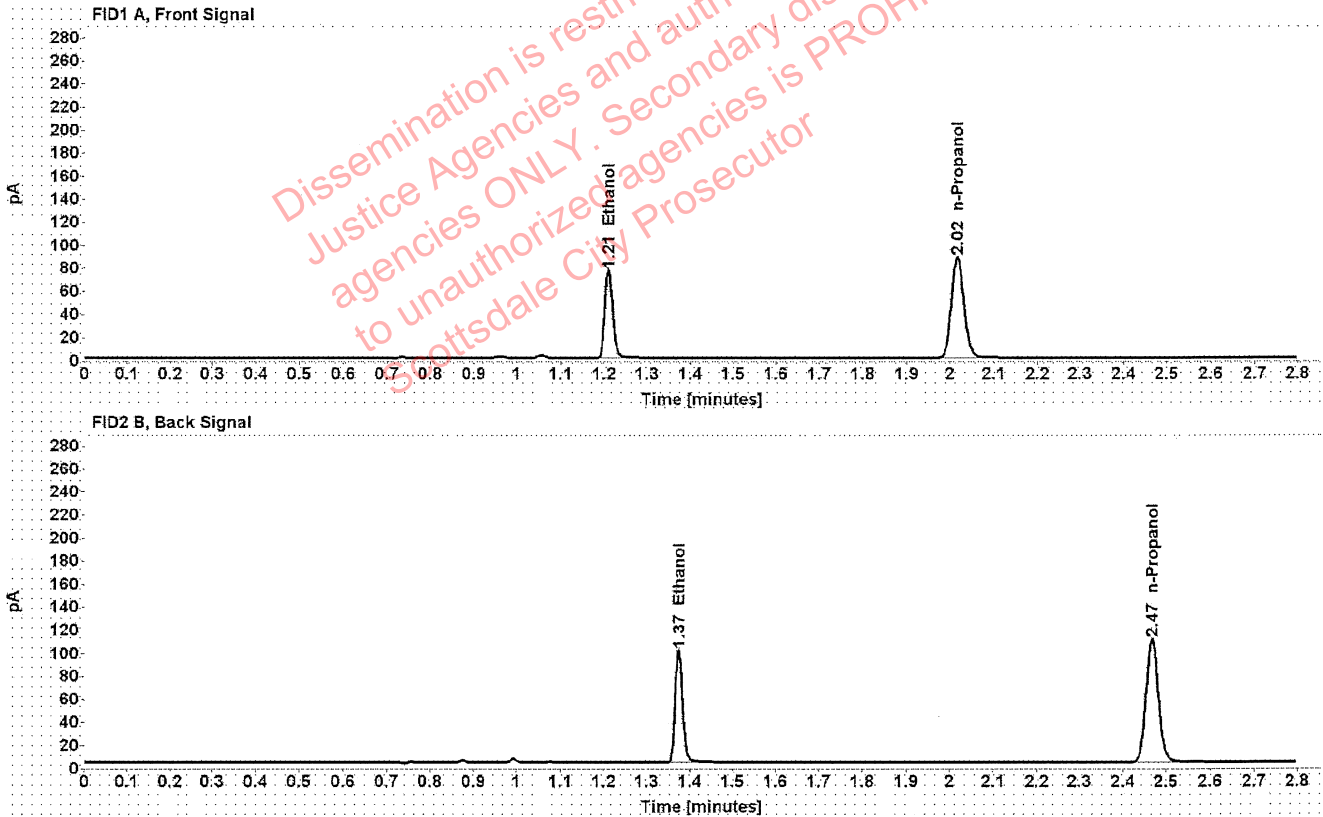


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1511	1.210	96.798
n-Propanol	-----	2.016	173.654

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

Compound	Time (min)	Peak Area
Ethanol	1.374	120.540
n-Propanol	2.467	215.916

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1368314	Vial: 40
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 03May21
Instrument: US14173023 CN14160045	Injection date: 5/3/2021 10:41:09 PM
Data file: C:\Chem32\1\Data\03May21\40.D	Analyst: Brooke

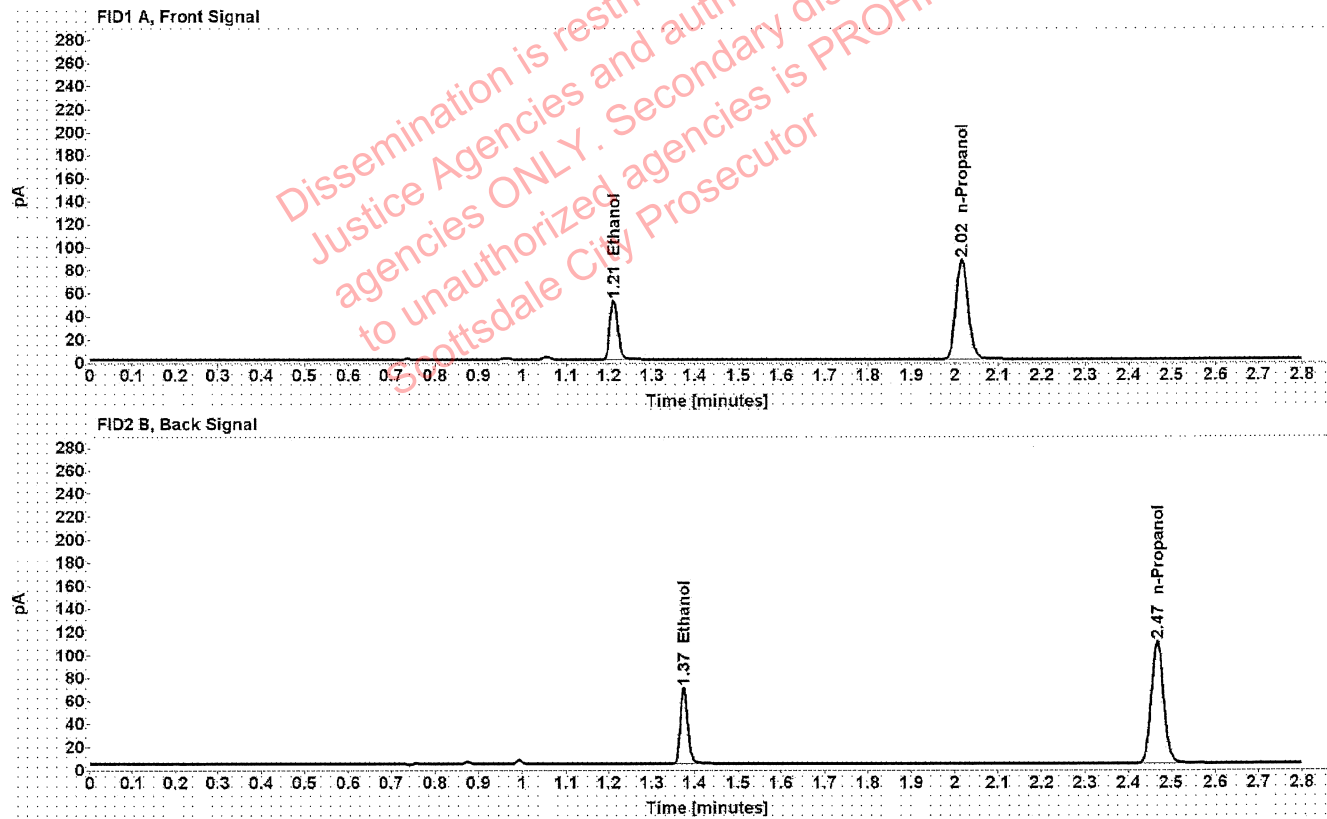


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1042	1.211	65.949
n-Propanol	-----	2.016	172.208

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

Compound	Time (min)	Peak Area
Ethanol	1.375	81.892
n-Propanol	2.467	214.308

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368314	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 10:45:12 PM
Data file:	C:\Chem32\1\Data\03May21\41.D	Analyst:	Brooke

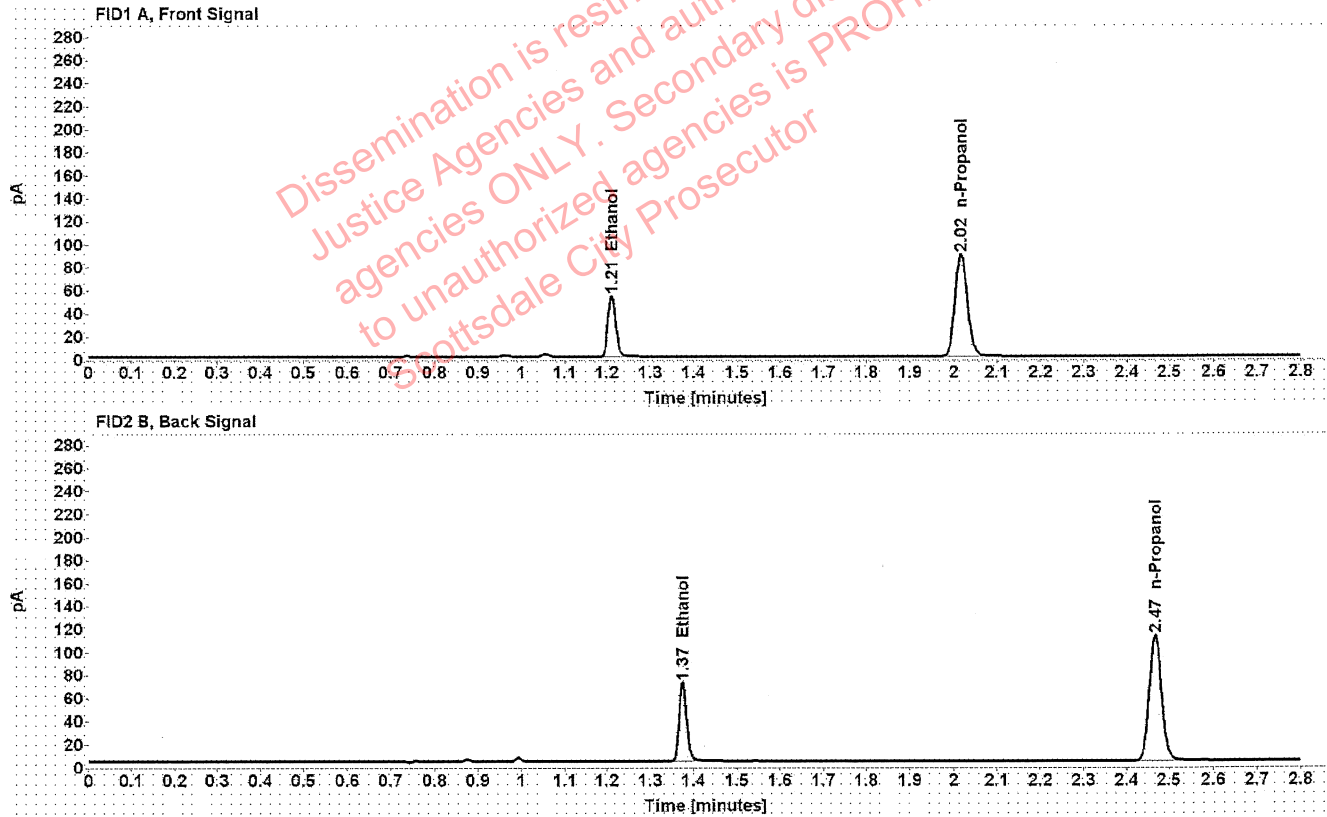


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1042	1.211	67.713
n-Propanol	-----	2.017	176.846

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

Compound	Time (min)	Peak Area
Ethanol	1.375	84.190
n-Propanol	2.467	220.101

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368142	Vial:	43
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 10:53:24 PM
Data file:	C:\Chem32\1\Data\03May21\43.D	Analyst:	Brooke

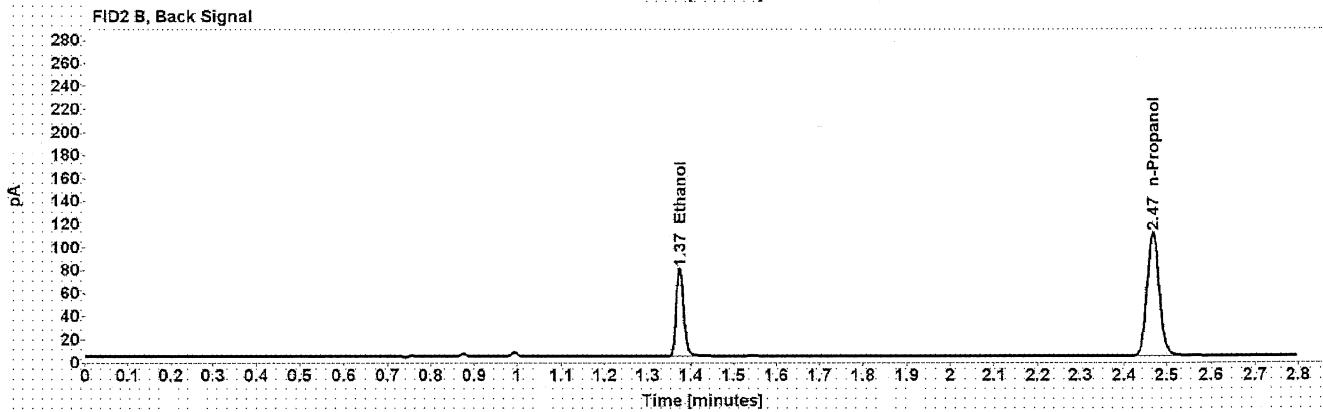
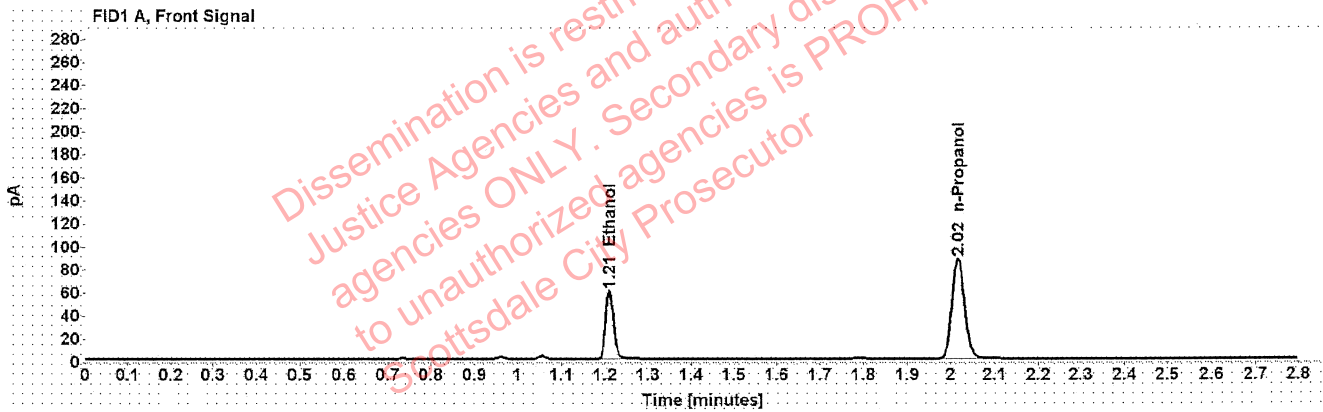


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1183	1.211	75.792
n-Propanol	-----	2.016	174.068

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

Compound	Time (min)	Peak Area
Ethanol	1.374	94.238
n-Propanol	2.467	216.355

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368142	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 10:57:24 PM
Data file:	C:\Chem32\1\Data\03May21\44.D	Analyst:	Brooke

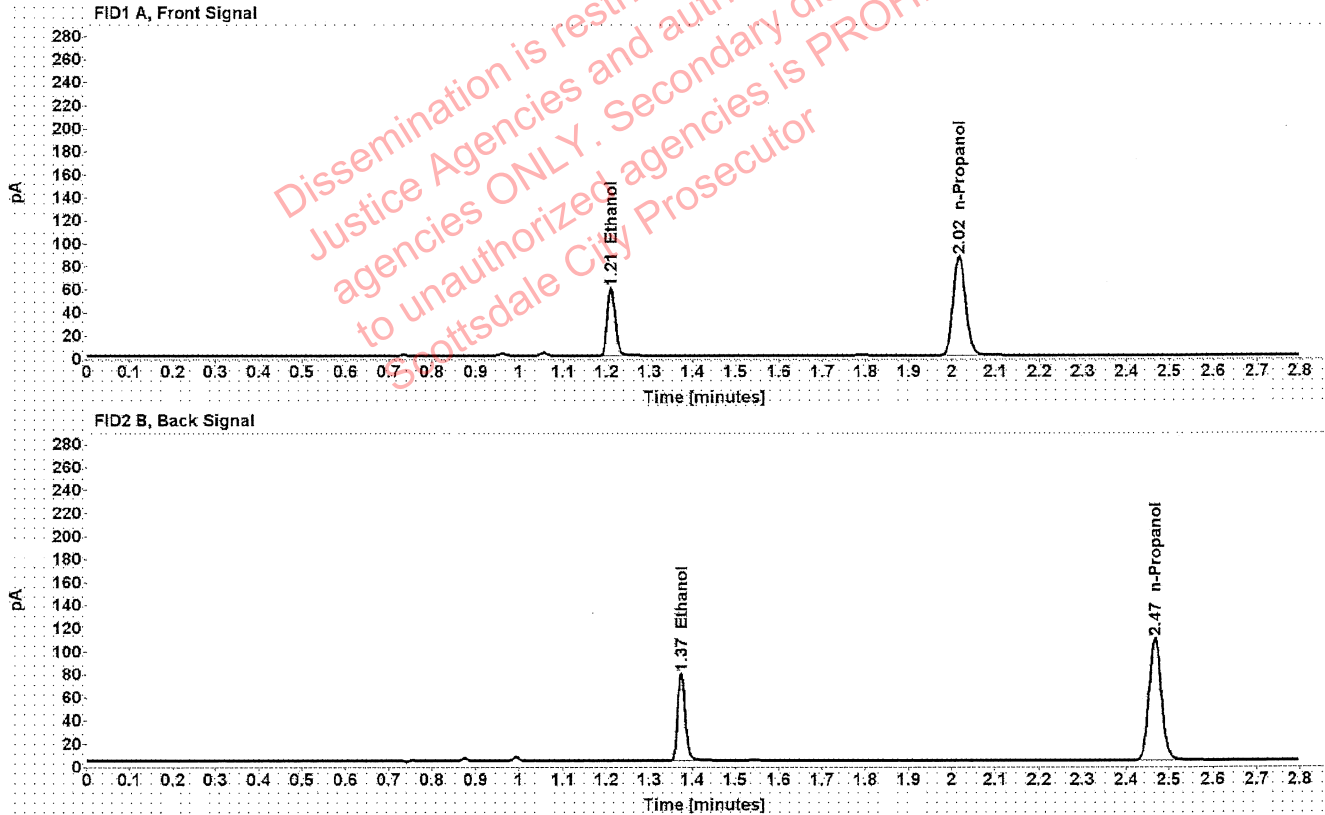


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1185	1.210	75.091
n-Propanol	-----	2.016	172.133

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

Compound	Time (min)	Peak Area
Ethanol	1.374	93.281
n-Propanol	2.467	214.093

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368310	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 11:01:25 PM
Data file:	C:\Chem32\1\Data\03May21\45.D	Analyst:	Brooke

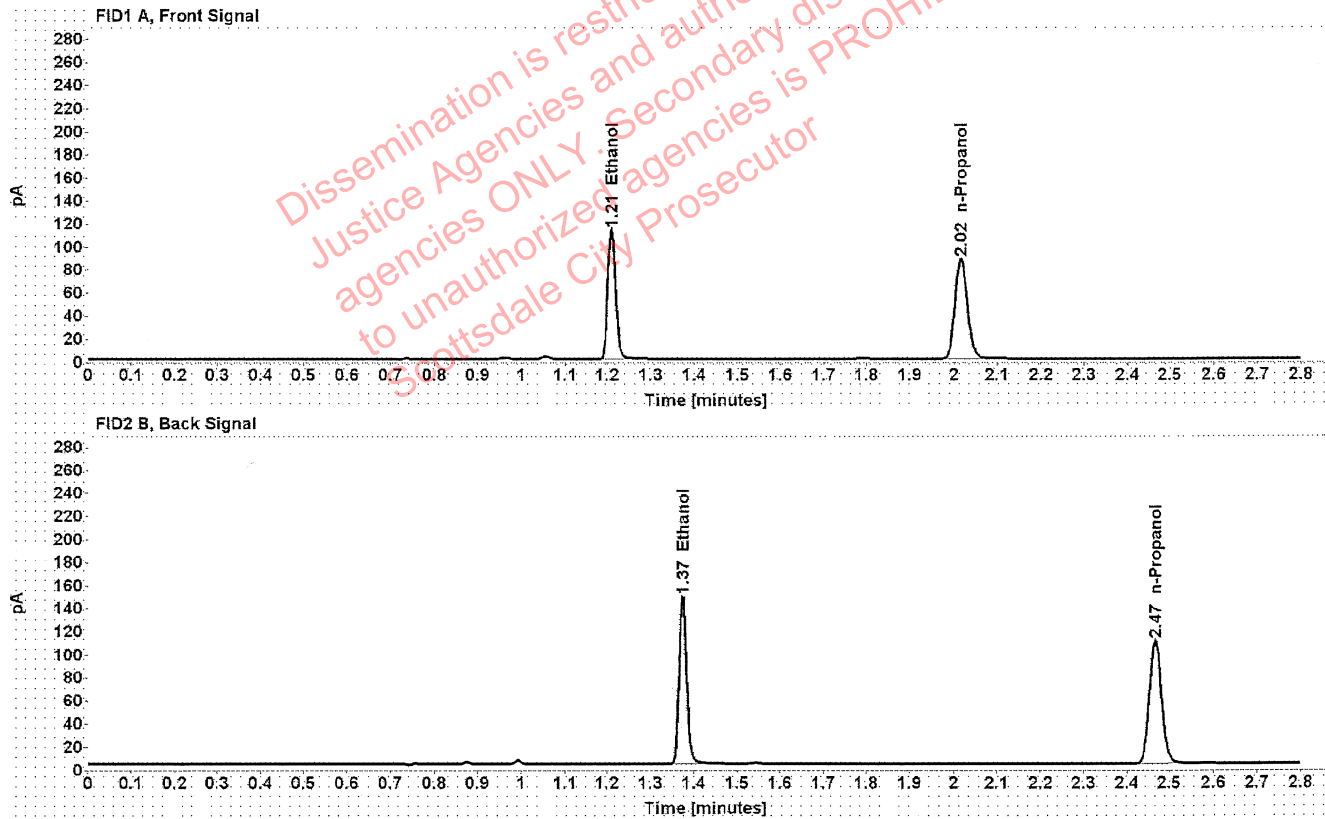


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2239	1.210	143.472
n-Propanol	-----	2.016	173.148

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

Compound	Time (min)	Peak Area
Ethanol	1.374	179.456
n-Propanol	2.467	215.045

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368310	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 11:05:24 PM
Data file:	C:\Chem32\1\Data\03May21\46.D	Analyst:	Brooke

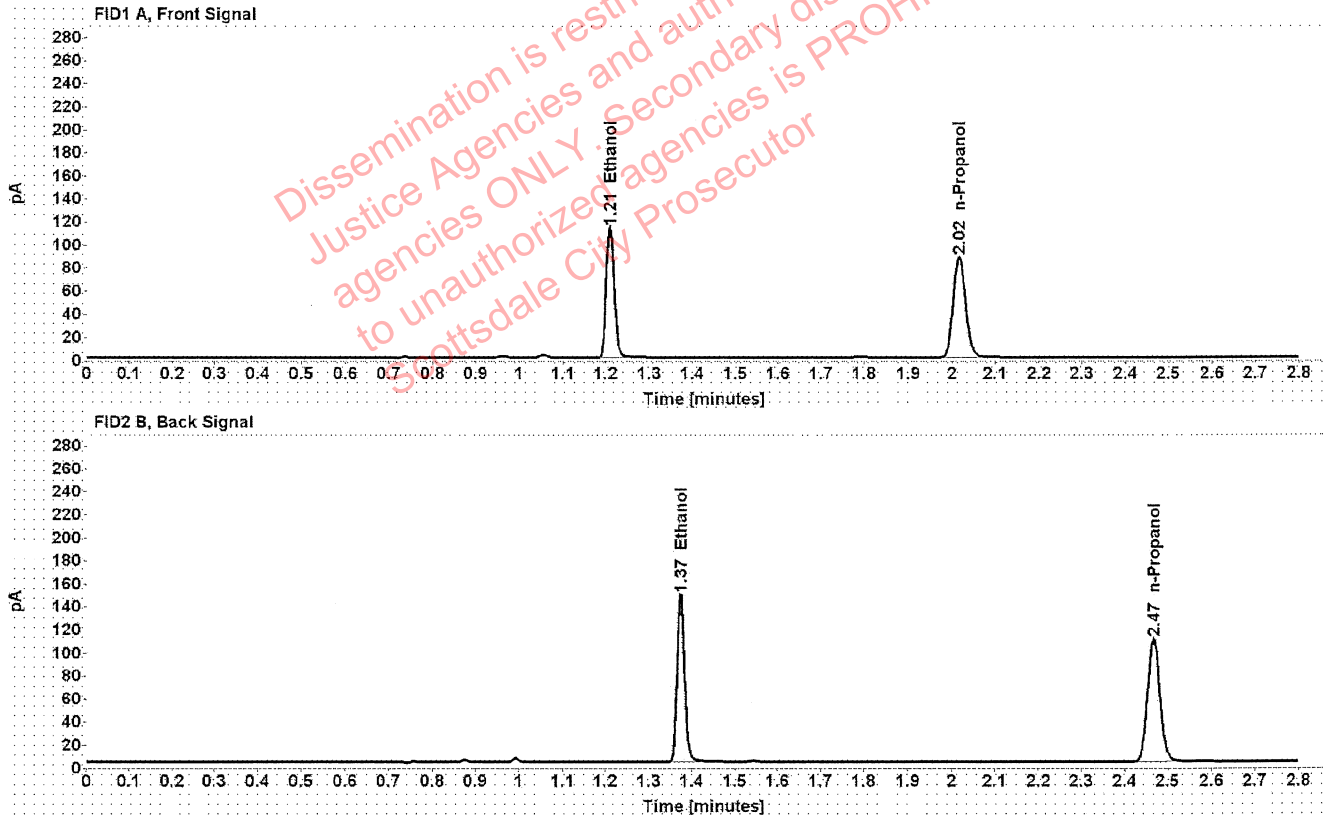


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2234	1.210	143.158
n-Propanol	-----	2.016	173.170

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

Compound	Time (min)	Peak Area
Ethanol	1.374	179.299
n-Propanol	2.467	215.186

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1348071	Vial:	47
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 11:09:24 PM
Data file:	C:\Chem32\1\Data\03May21\47.D	Analyst:	Brooke

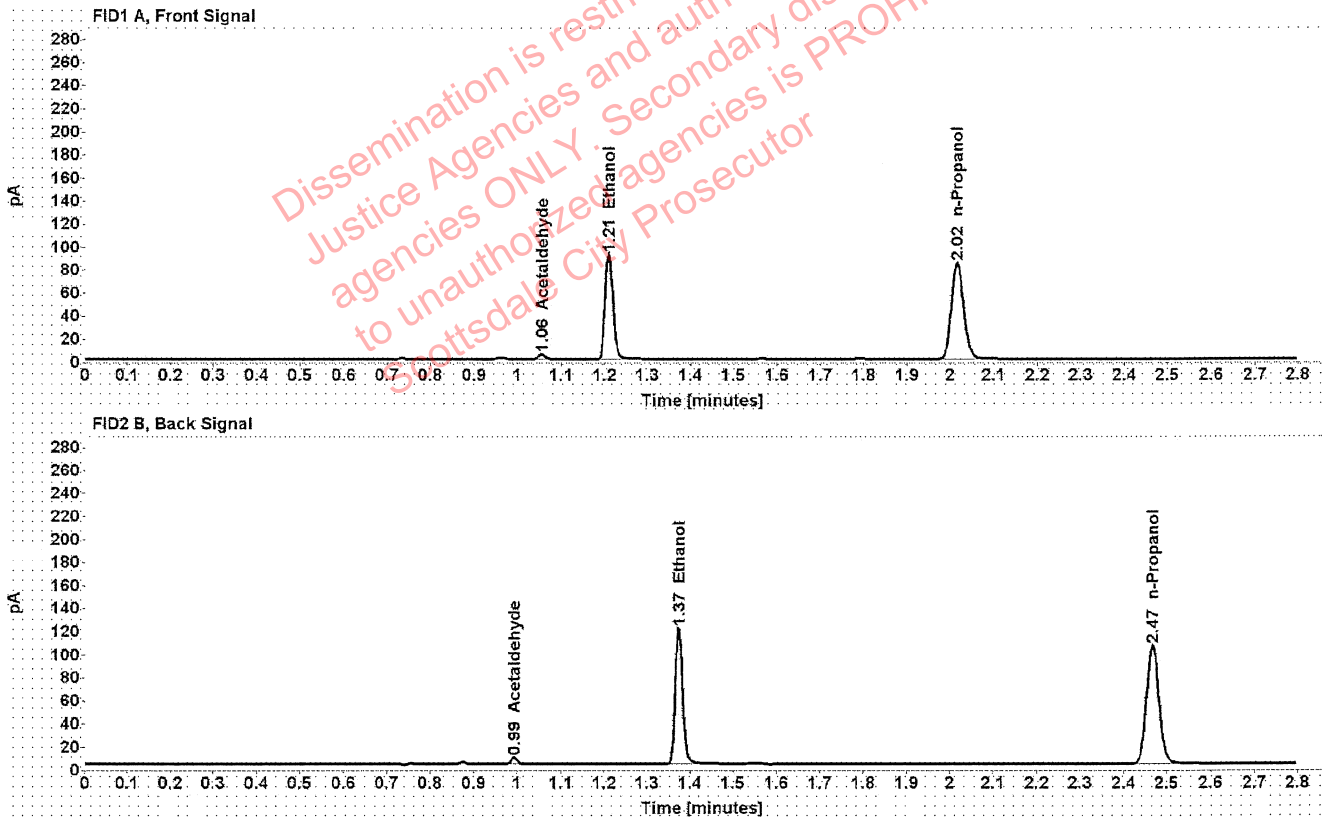


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.314
>Ethanol	0.1883	1.210	116.471
n-Propanol	-----	2.016	167.369

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.639
Ethanol	1.374	145.574
n-Propanol	2.467	208.268

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1348071	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 11:13:24 PM
Data file:	C:\Chem32\1\Data\03May21\48.D	Analyst:	Brooke

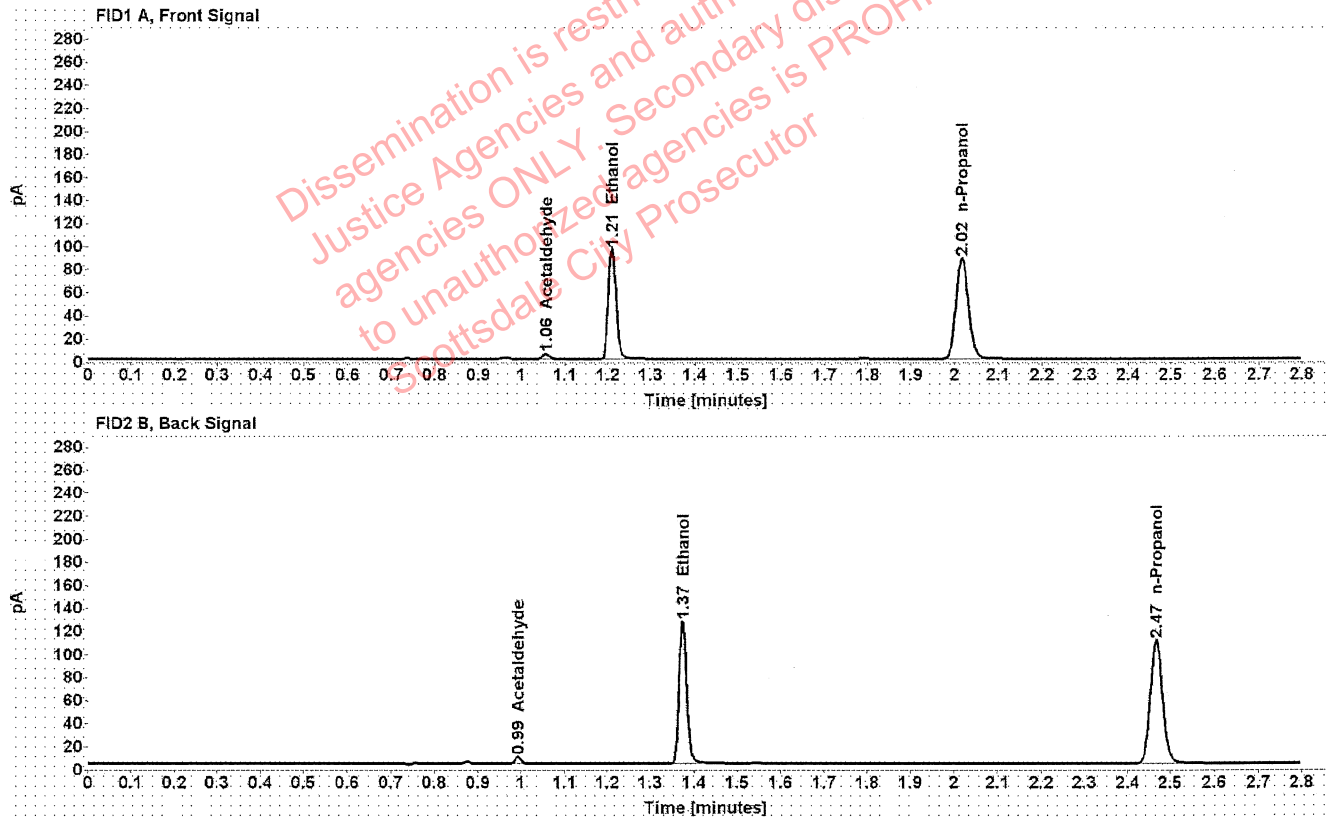


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.378
>Ethanol	0.1896	1.210	121.856
n-Propanol	-----	2.016	173.840

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.725
Ethanol	1.374	152.096
n-Propanol	2.467	216.403

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368794	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 11:17:39 PM
Data file:	C:\Chem32\1\Data\03May21\49.D	Analyst:	Brooke

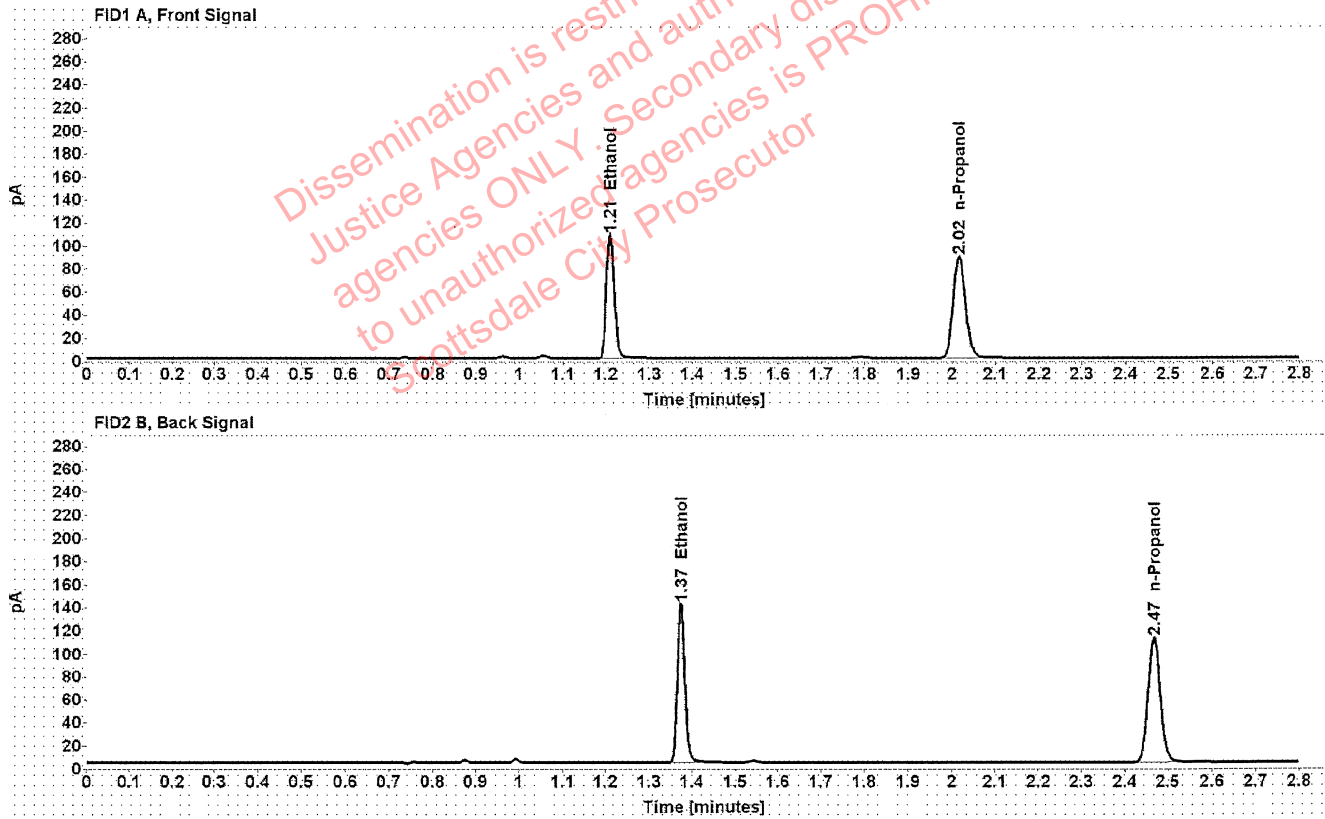


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2094	1.210	136.416
n-Propanol	-----	2.016	176.161

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

Compound	Time (min)	Peak Area
Ethanol	1.374	170.602
n-Propanol	2.467	219.109

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1368794	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 11:21:41 PM
Data file:	C:\Chem32\1\Data\03May21\50.D	Analyst:	Brooke

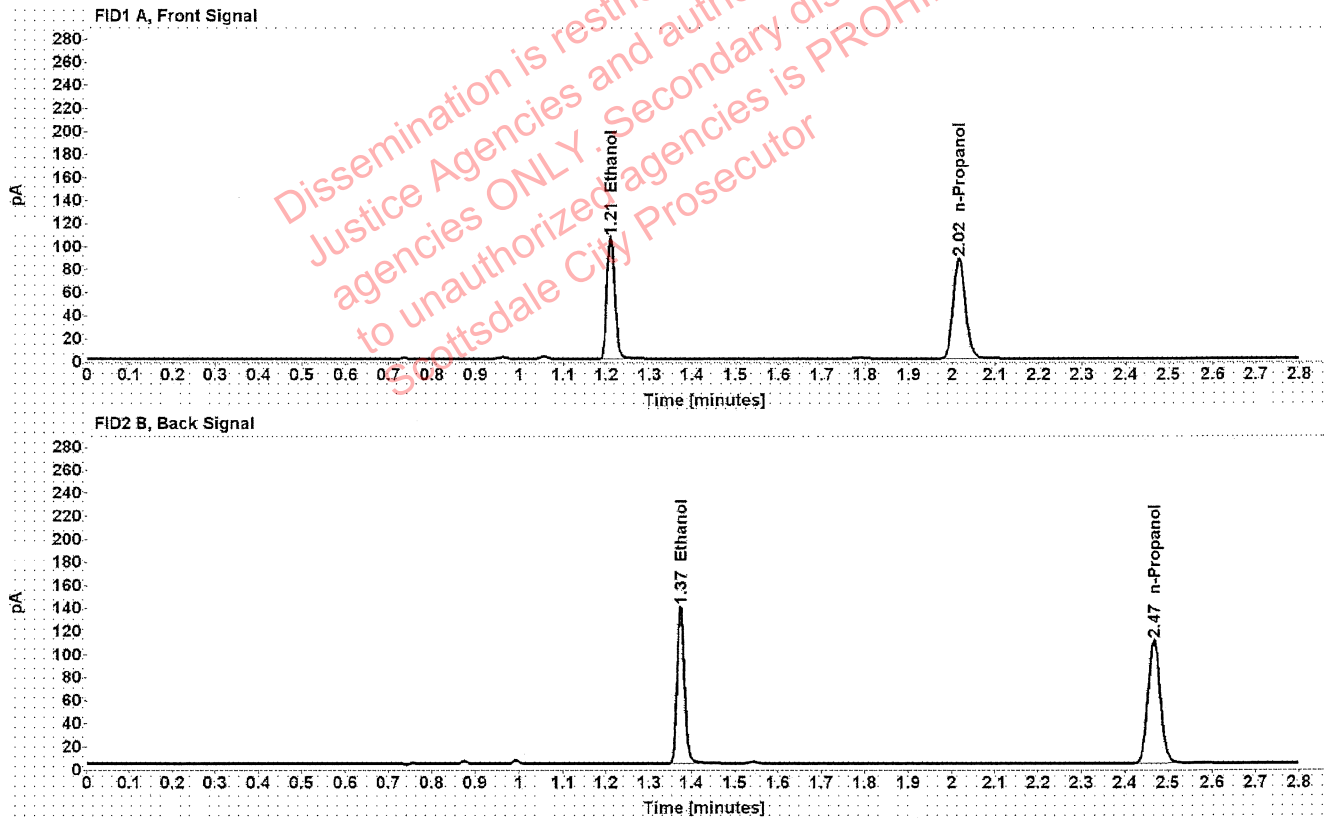


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2087	1.210	134.275
n-Propanol	-----	2.016	173.925

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

Compound	Time (min)	Peak Area
Ethanol	1.374	167.768
n-Propanol	2.467	216.216

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1366240	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 11:25:39 PM
Data file:	C:\Chem32\1\Data\03May21\51.D	Analyst:	Brooke

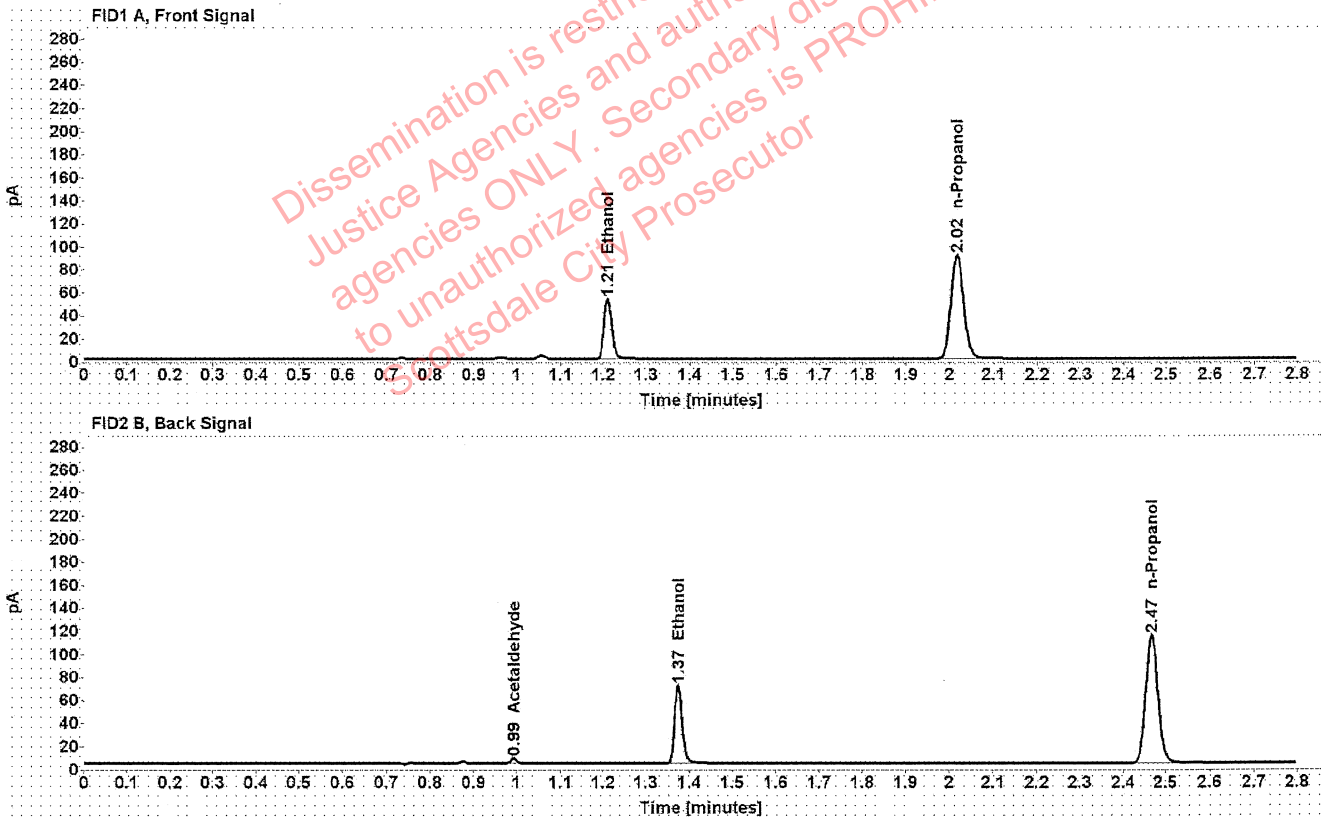


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1012	1.211	67.036
n-Propanol	-----	2.016	180.361

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.169
Ethanol	1.375	83.201
n-Propanol	2.467	224.390

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1366240	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03May21
Instrument:	US14173023 CN14160045	Injection date:	5/3/2021 11:29:41 PM
Data file:	C:\Chem32\1\Data\03May21\52.D	Analyst:	Brooke

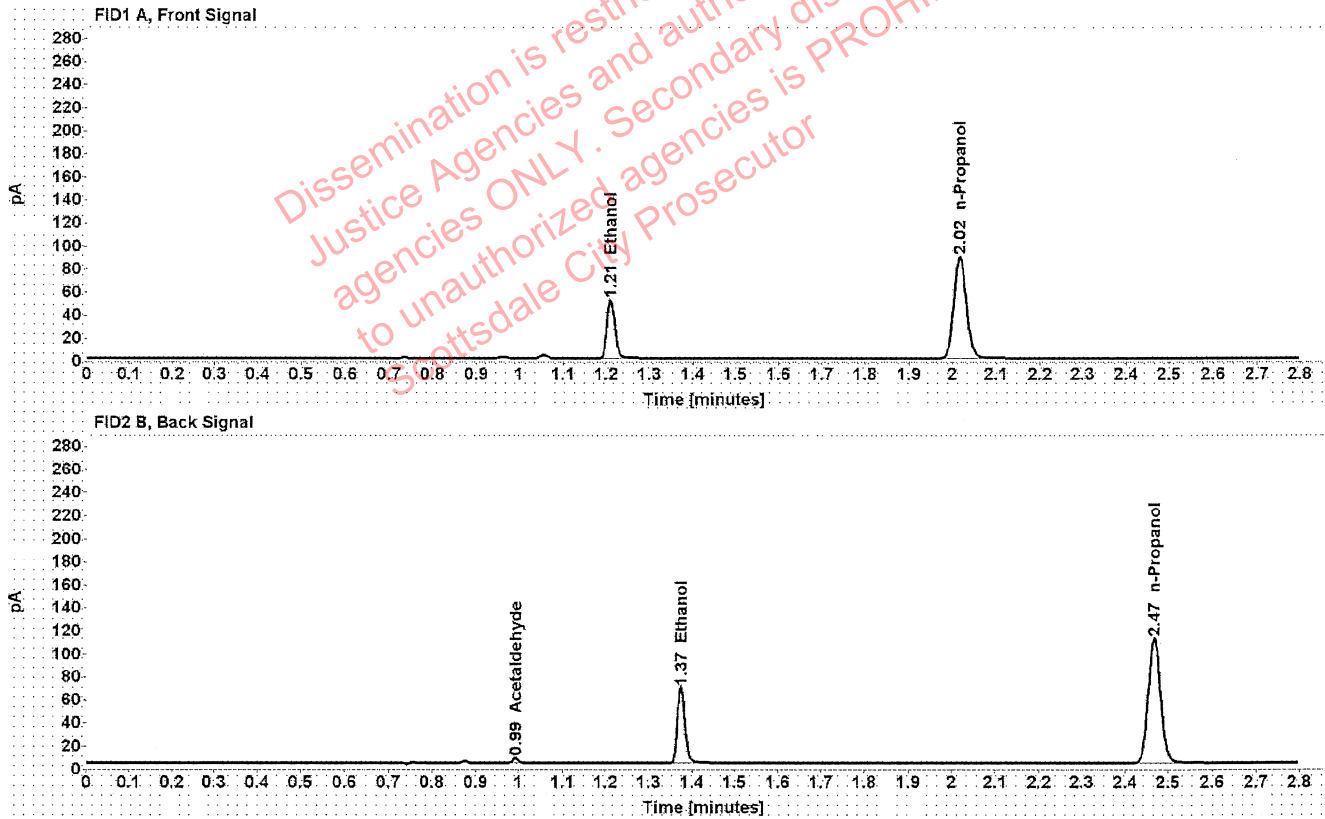


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1006	1.211	65.357
n-Propanol	-----	2.016	176.788

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.143
Ethanol	1.375	81.199
n-Propanol	2.467	219.871