

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 05/25/2021 SEQUENCE NAME 25May21

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r^2)
 Vial 2 0.10 calibrator Lot FN05311902 0.99998
 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 mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.200 g/dL	0.203 g/dL	ACQ 4101018274/9
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
42	Blood control	0.200 g/dL	0.207 g/dL	ACQ 4101018274/9
53	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
64	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 11092018-A
65	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
66	Blood control	0.200 g/dL	0.205 g/dL	ACQ 4101018274/9
67	Blank	Not detected	Not detected	SPD lab 111020WB

SUBJECT SAMPLES

Subjects in the sequence 25 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid
 Run invalid
Erika Canonico
 Analyst

Run valid
 Run invalid

 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

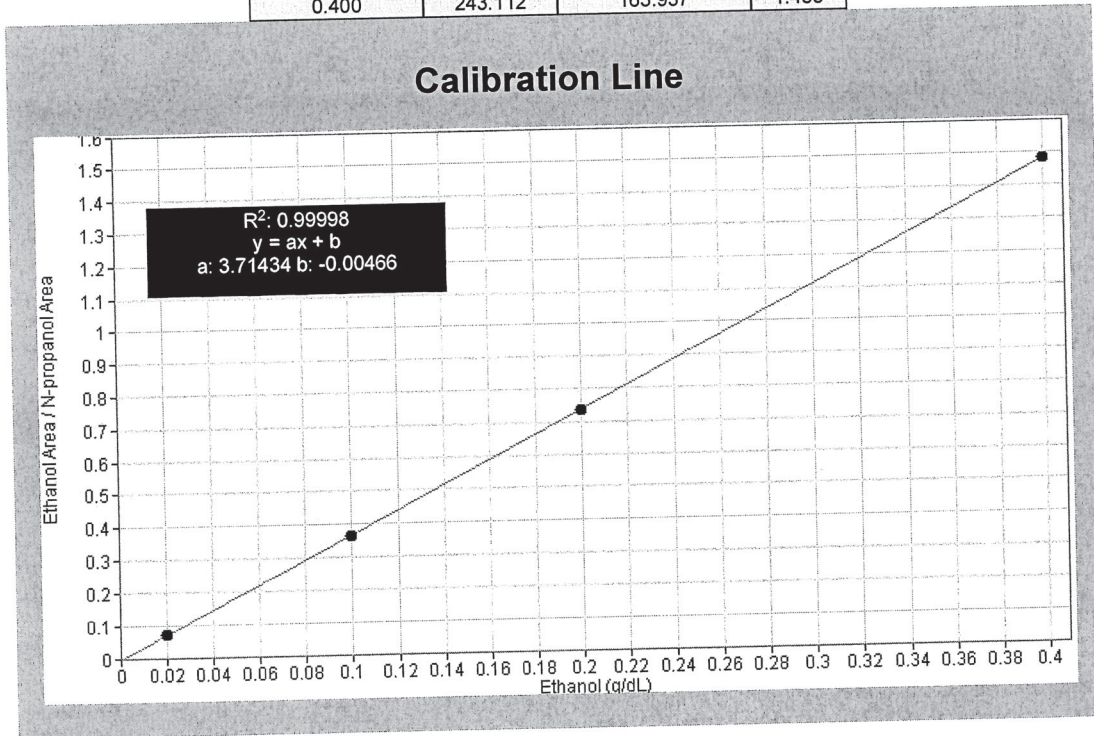
SEQUENCE NAME: 25May21

ANALYST: Canonico *ec*

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	0.401	0.400	0.25	0.001
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.200 4101018274/9	9	0.203	0.200	1.50	0.003
0.080 03102016-A/1	20	0.081	0.080	1.25	0.001
0.080 03102016-A/1	31	0.080	0.080	0.00	0.000
0.200 4101018274/9	42	0.207	0.200	3.50	0.007
0.080 03102016-A/1	53	0.081	0.080	1.25	0.001
0.400 11092018-A	64	0.404	0.400	1.00	0.004
0.040 14082019-B	65	0.042	0.040	5.00	0.002
0.200 4101018274/9	66	0.205	0.200	2.50	0.005
111020WB	67	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.381	169.955	0.073
0.100	59.762	163.847	0.365
0.200	120.681	164.166	0.735
0.400	243.112	163.937	1.483

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 25May21
Method: ethanol quant.M	Injection date: 5/25/2021 3:21:05 PM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>ec</i>
Data file: C:\Chem3211\Data\25May21\1.D	

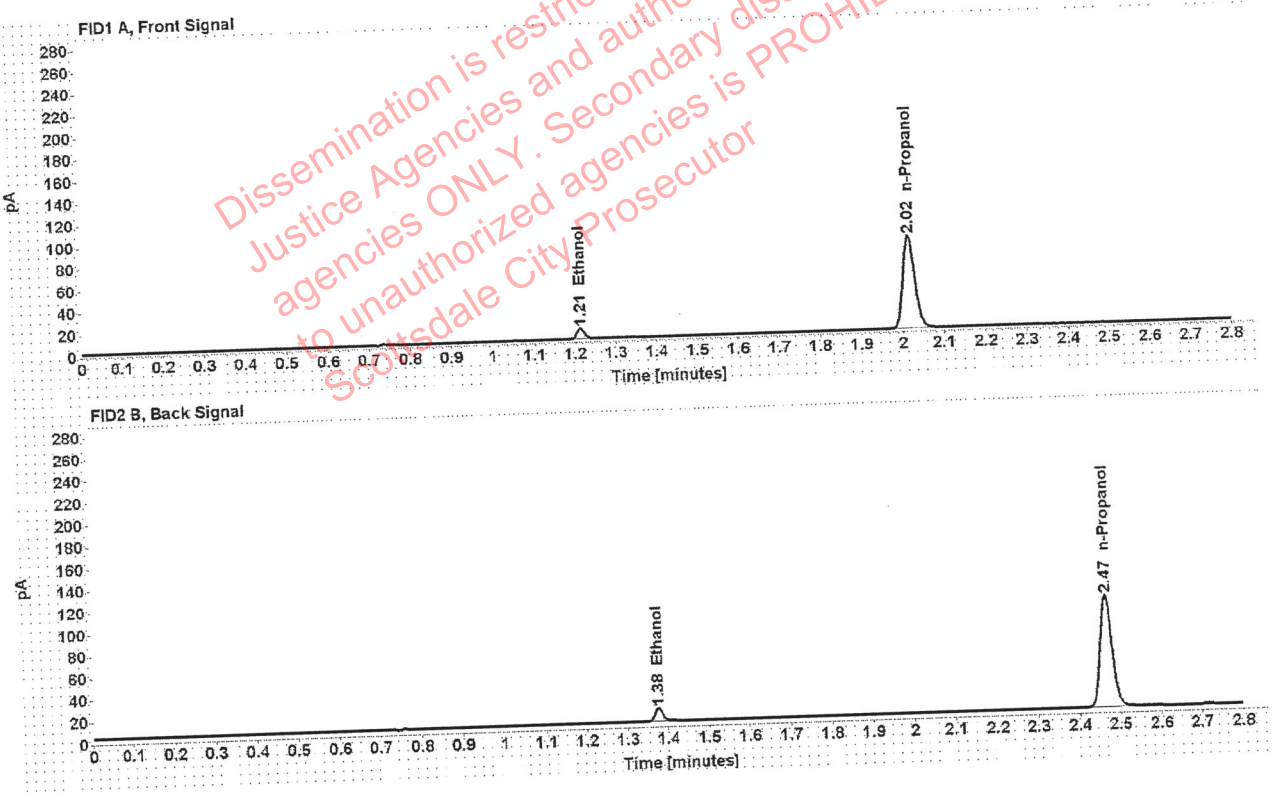


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	12.381
n-Propanol	2.016	169.955

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

Compound	Time (min)	Peak Area
Ethanol	1.376	15.290
n-Propanol	2.467	207.335

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 25May21
Method: ethanol quant.M	Injection date: 5/25/2021 3:25:05 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\25May21\2.D	

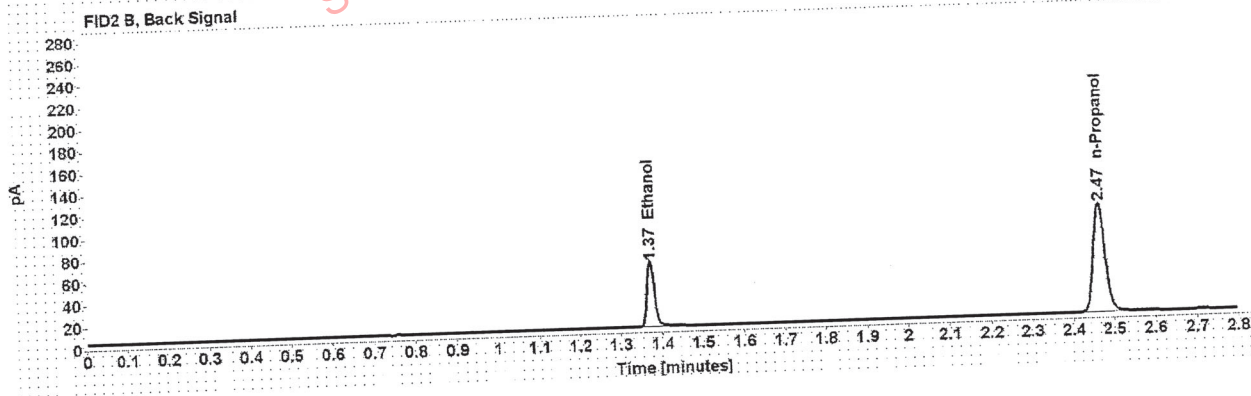
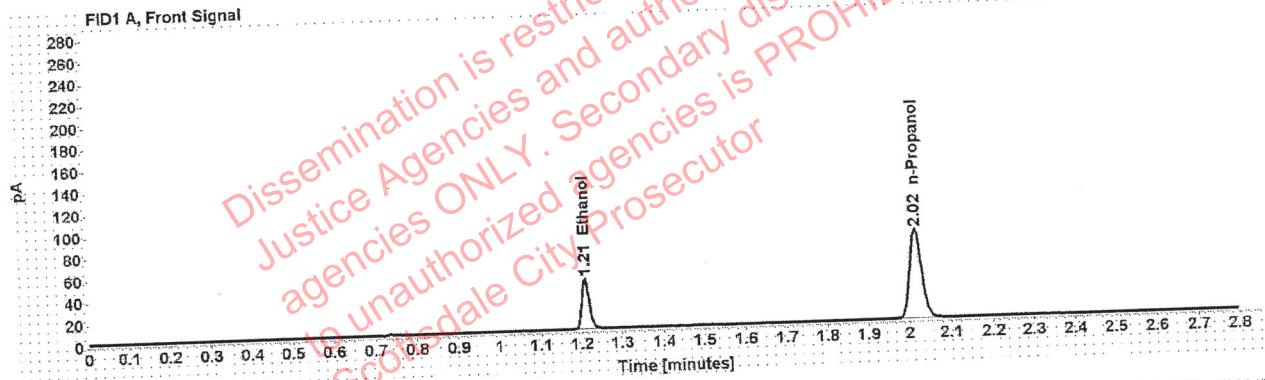


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.762
n-Propanol	2.015	163.847

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

Compound	Time (min)	Peak Area
Ethanol	1.372	73.802
n-Propanol	2.465	200.418

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 25May21
Method: ethanol quant.M	Injection date: 5/25/2021 3:29:06 PM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Chem32\1\Data\25May21\3.D	

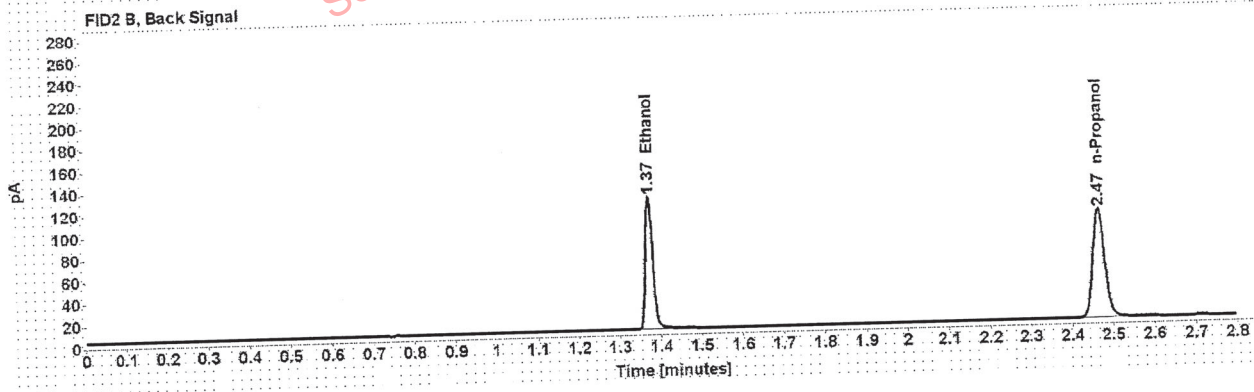
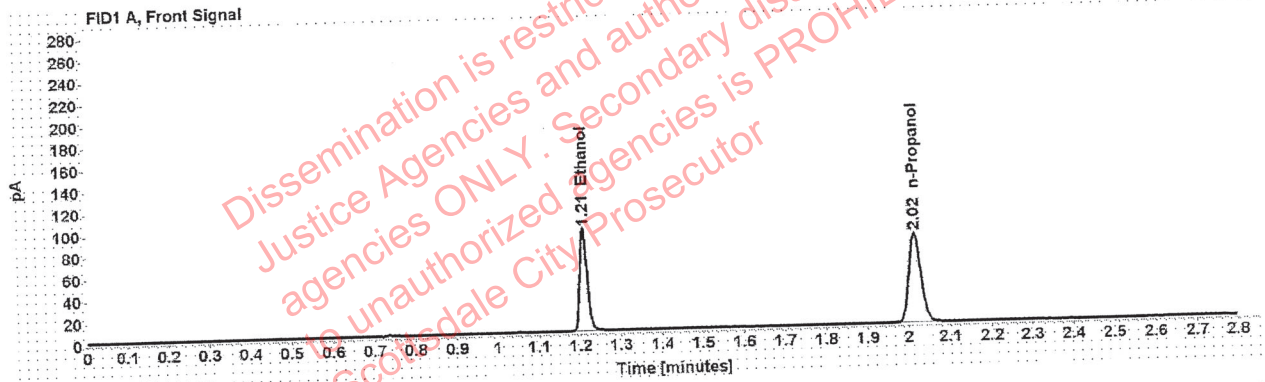


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	120.681
n-Propanol	2.015	164.166

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

Compound	Time (min)	Peak Area
Ethanol	1.372	149.597
n-Propanol	2.466	201.112

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 25May21
Method: ethanol quant.M	Injection date: 5/25/2021 3:33:05 PM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>ec</i>
Data file: C:\Chem32\1\Data\25May21\4.D	

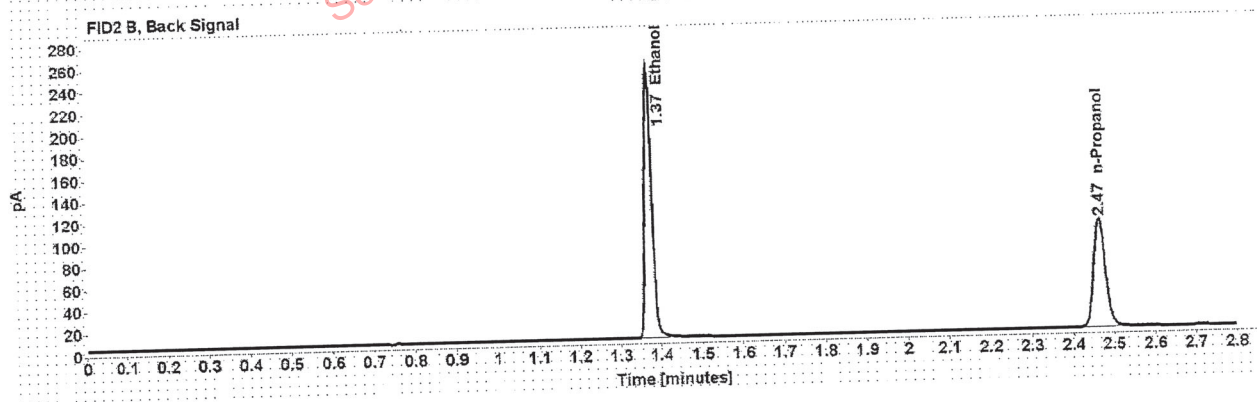
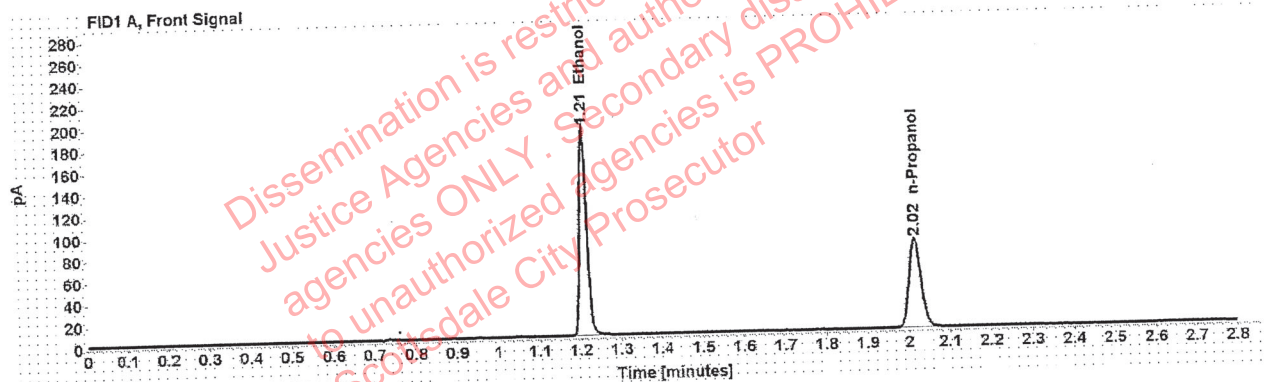


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	243.112
n-Propanol	2.015	163.937

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

Compound	Time (min)	Peak Area
Ethanol	1.372	302.485
n-Propanol	2.465	201.415

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 031021AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 3:37:05 PM
Data file: C:\Chem32\1\Data\25May21\5.D	Analyst: Canonico <i>ec</i>

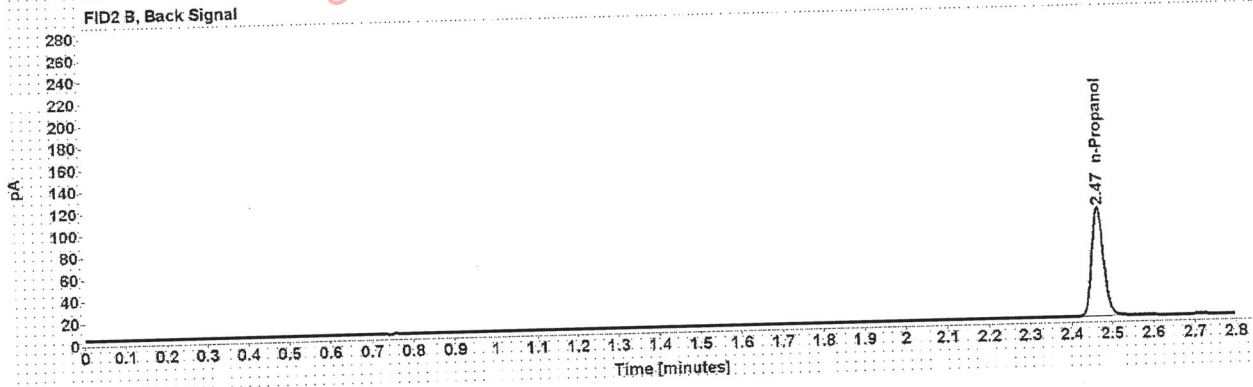
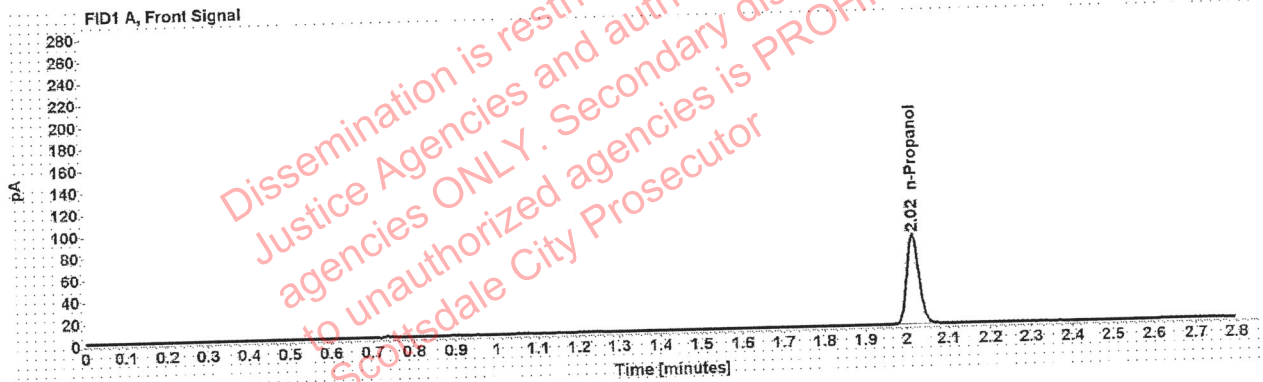


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	164.164

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	201.043

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 3:41:06 PM
Data file: C:\Chem32\11\Data\25May21\6.D	Analyst: Canonico <i>ee</i>

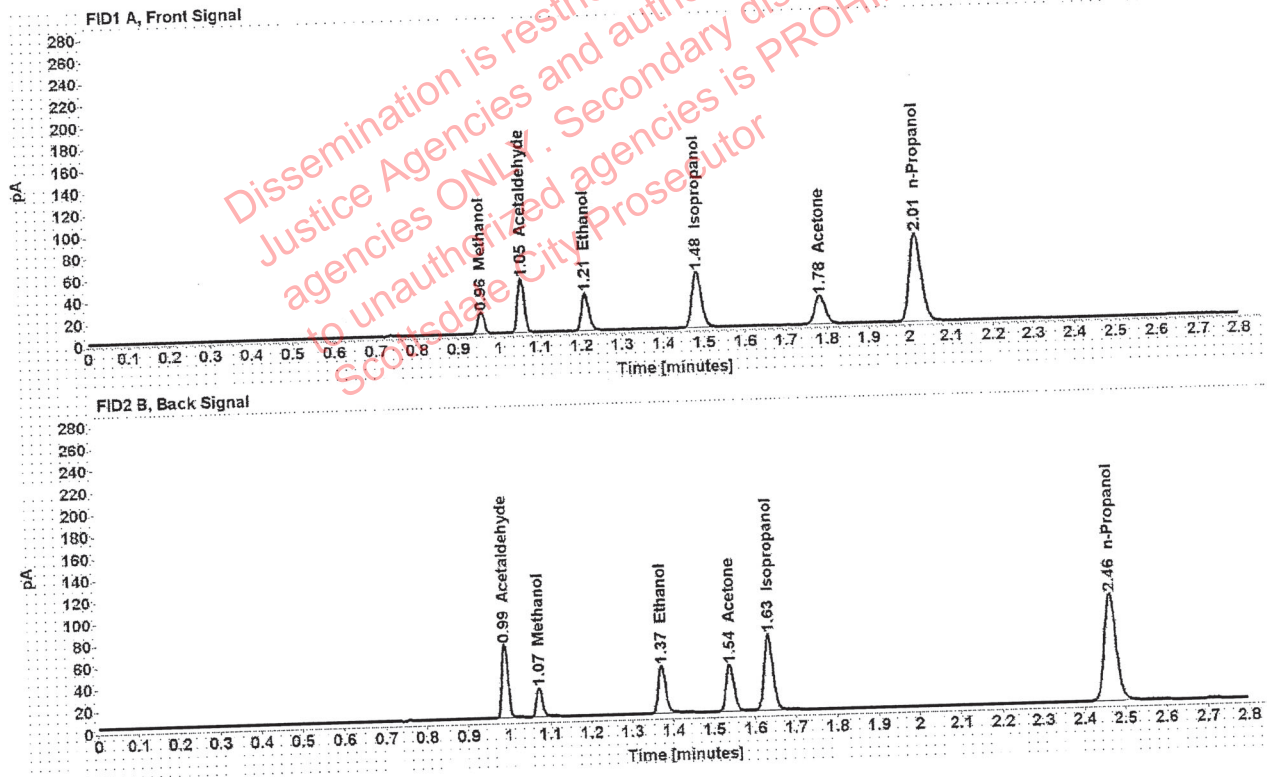


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	22.411
Acetaldehyde	-----	1.054	54.641
>Ethanol	0.0744	1.210	44.000
Isopropanol	-----	1.483	82.531
Acetone	-----	1.783	45.238
n-Propanol	-----	2.015	162.001

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.990	70.241
Methanol	1.073	28.629
Ethanol	1.372	54.706
Acetone	1.539	56.239
Isopropanol	1.634	105.466
n-Propanol	2.465	199.190

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 3:45:21 PM
Data file: C:\Chem32\1\Data\25May21\7.D	Analyst: Canonico <i>ee</i>

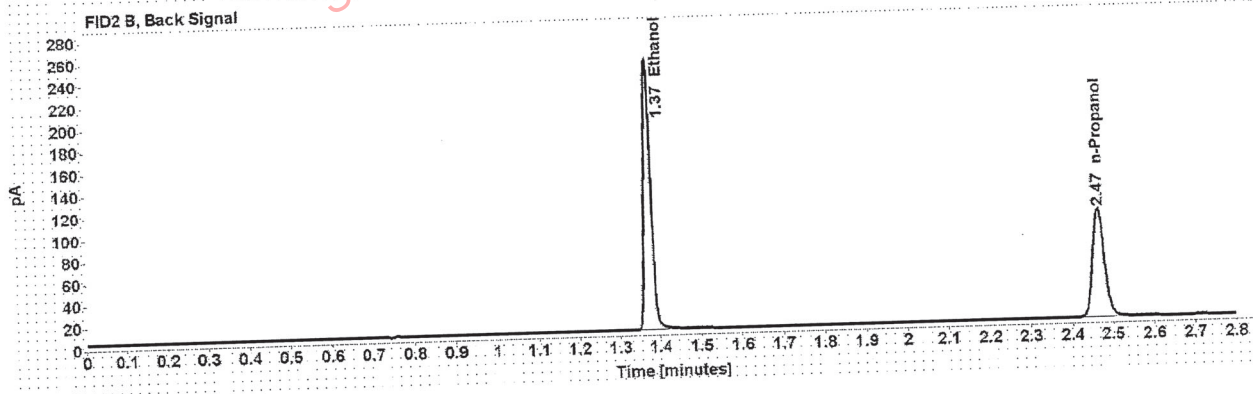
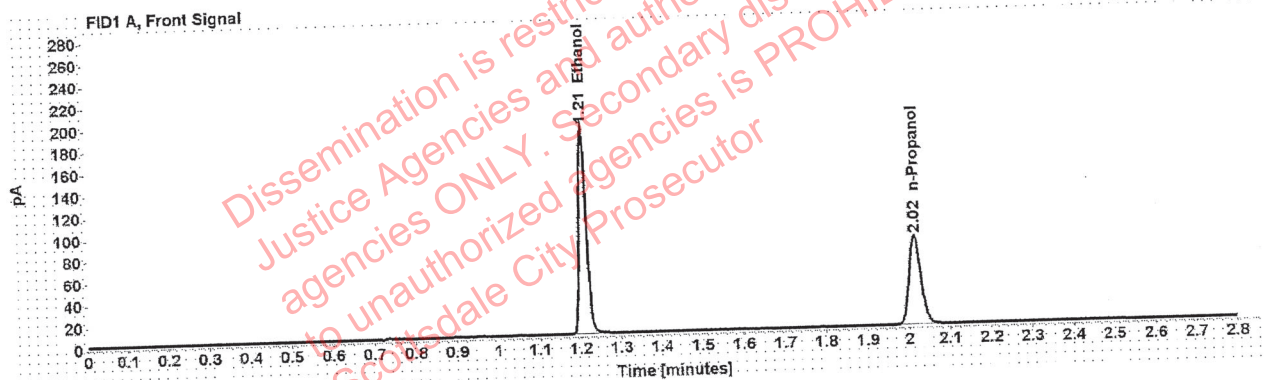


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4015	1.209	243.210
n-Propanol	-----	2.016	163.602

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

Compound	Time (min)	Peak Area
Ethanol	1.373	302.894
n-Propanol	2.466	201.026

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 3:49:20 PM
Data file: C:\Chem32\1\Data\25May21\8.D	Analyst: Canonico <i>ee</i>

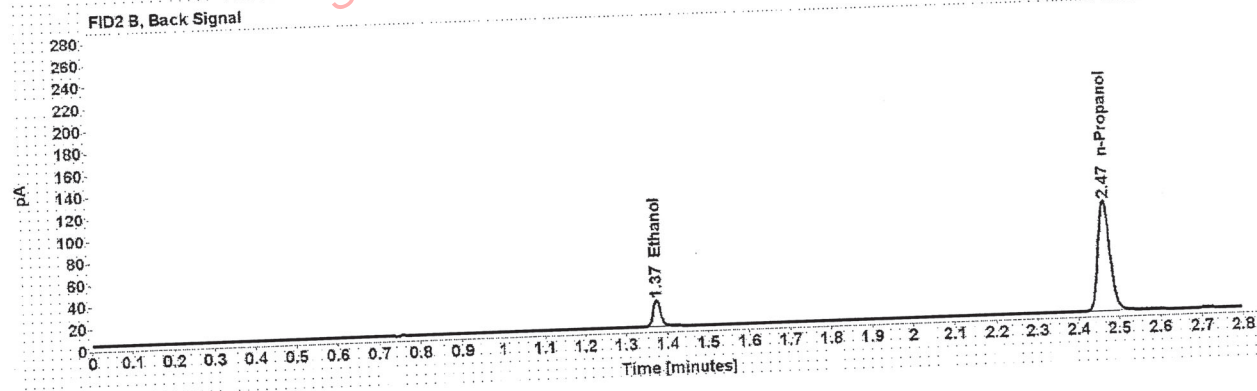
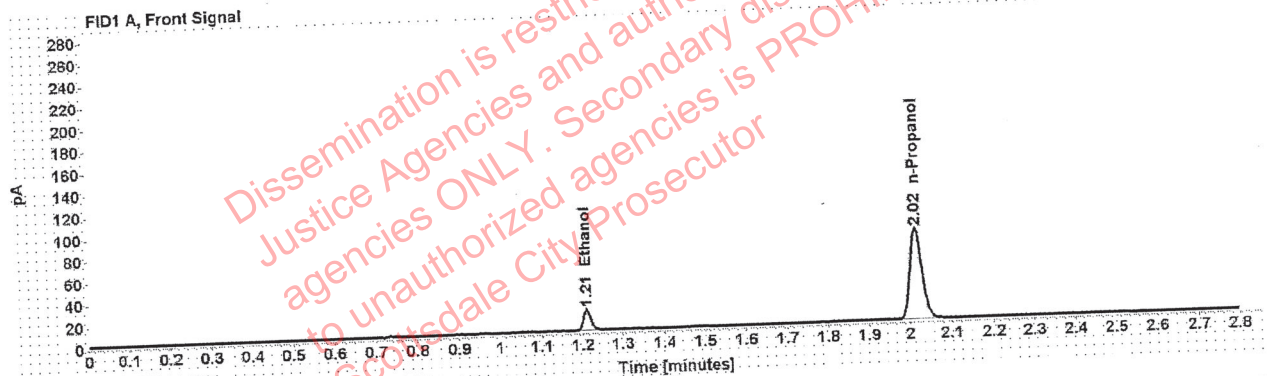


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.211	24.608
n-Propanol	-----	2.015	167.076

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.513
n-Propanol	2.465	205.037

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	9
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 3:53:20 PM
Data file:	C:\Chem32\1\Data\25May21\9.D	Analyst:	Canonico EC

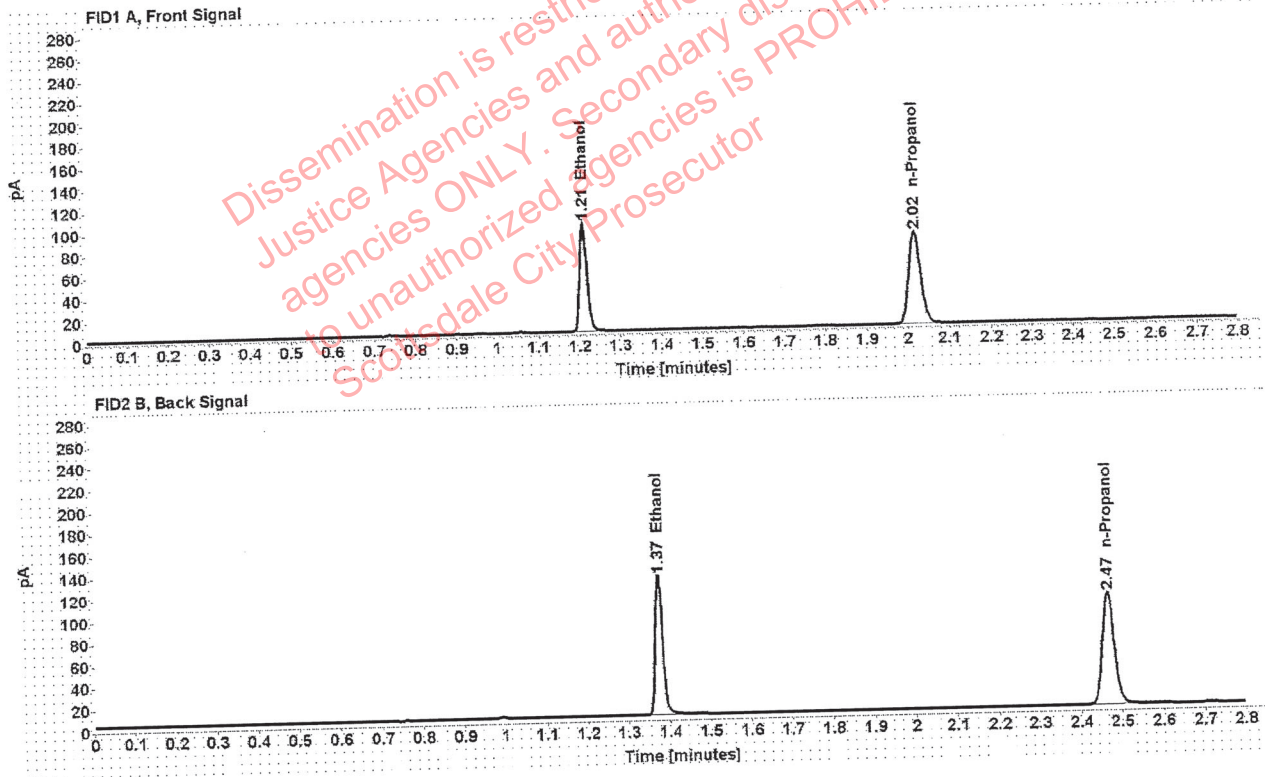


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2031	1.210	126.810
n-Propanol	-----	2.016	169.130

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.903
n-Propanol	2.467	207.928

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 4:37:50 PM
Data file: C:\Chem32\1\Data\25May21\20.D	Analyst: Canonico <i>EC</i>

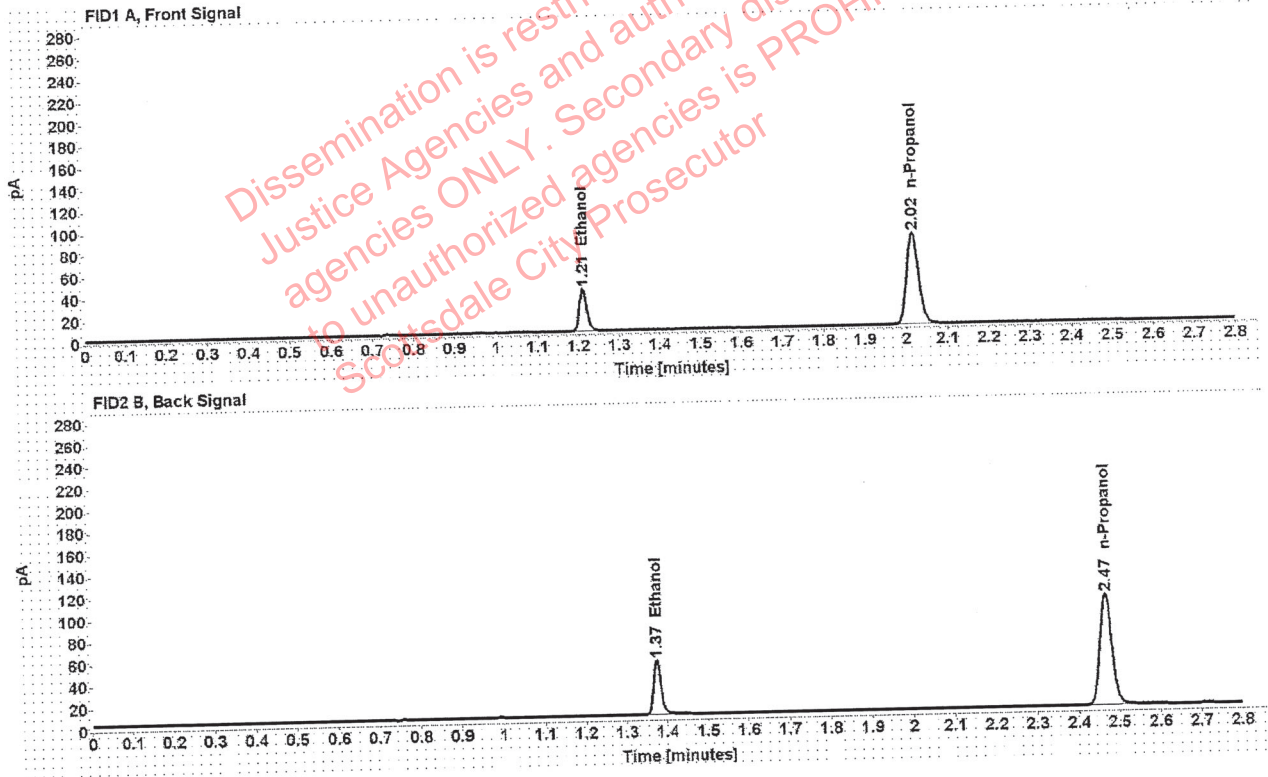


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0813	1.211	49.879
n-Propanol	-----	2.016	167.677

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

Compound	Time (min)	Peak Area
Ethanol	1.375	61.990
n-Propanol	2.467	206.251

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 5:22:20 PM
Data file: C:\Chem32\1\Data\25May21\31.D	Analyst: Canonico <i>EC</i>

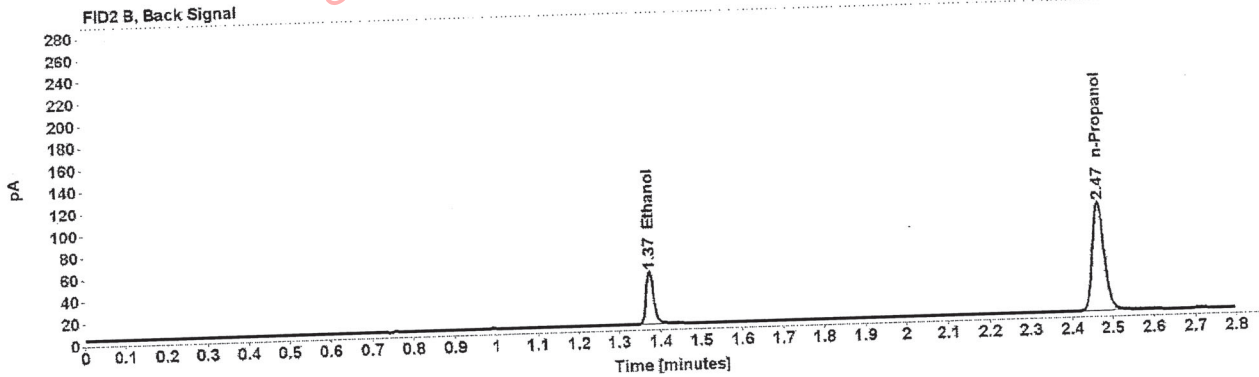
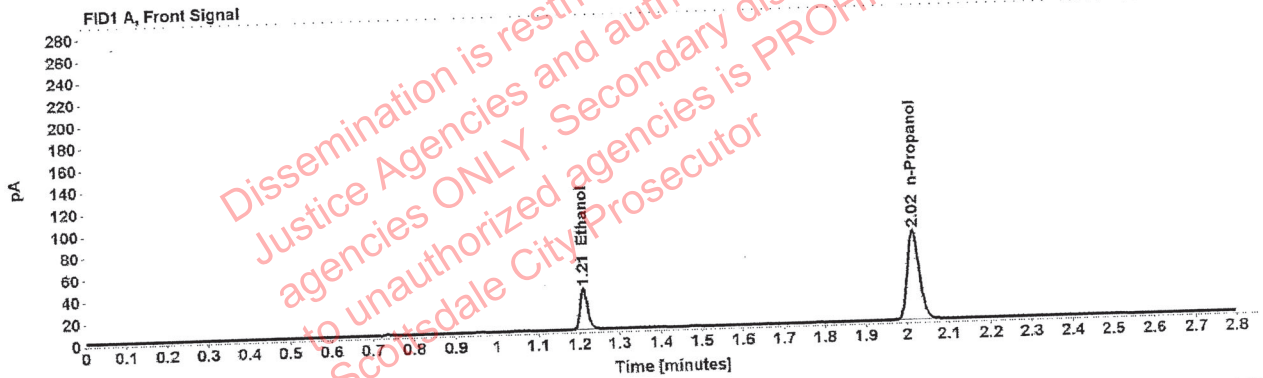


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0808	1.211	48.459
n-Propanol	-----	2.016	163.921

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

Compound	Time (min)	Peak Area
Ethanol	1.375	60.049
n-Propanol	2.467	201.584

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 42
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 6:06:35 PM
Data file: C:\Chem32\1\Data\25May21\42.D	Analyst: Canonico <i>EC</i>

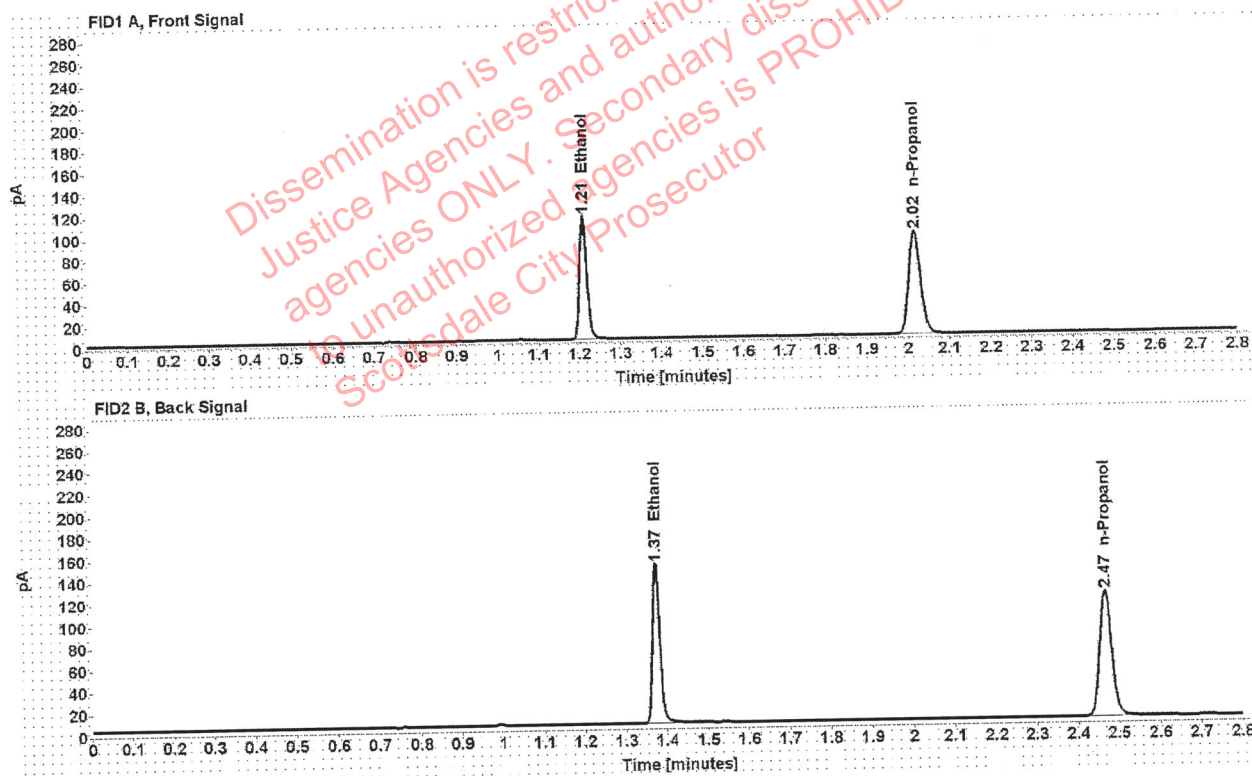


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2070	1.210	144.569
n-Propanol	-----	2.016	189.169

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

Compound	Time (min)	Peak Area
Ethanol	1.374	180.694
n-Propanol	2.467	233.665

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 53
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 6:51:06 PM
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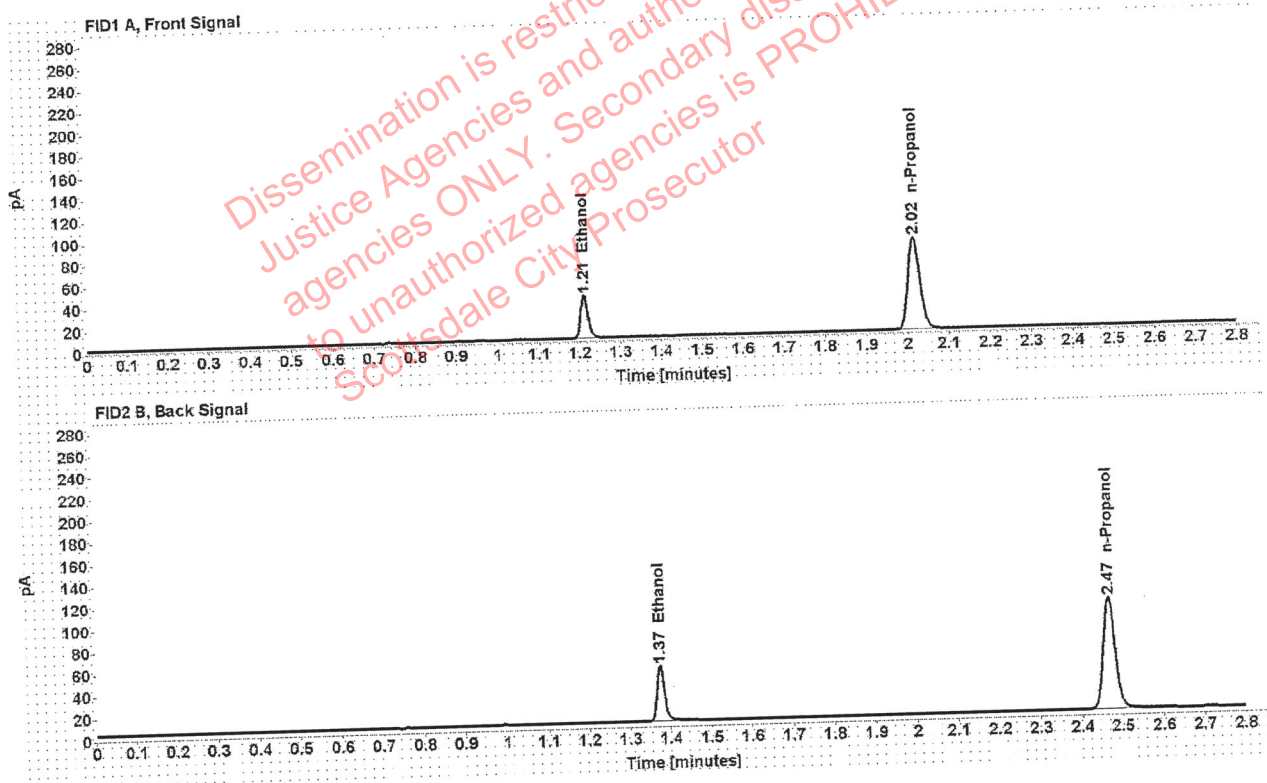


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0818	1.211	50.505
n-Propanol	-----	2.017	168.788

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

Compound	Time (min)	Peak Area
Ethanol	1.375	62.858
n-Propanol	2.467	208.228

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	64
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 7:35:35 PM
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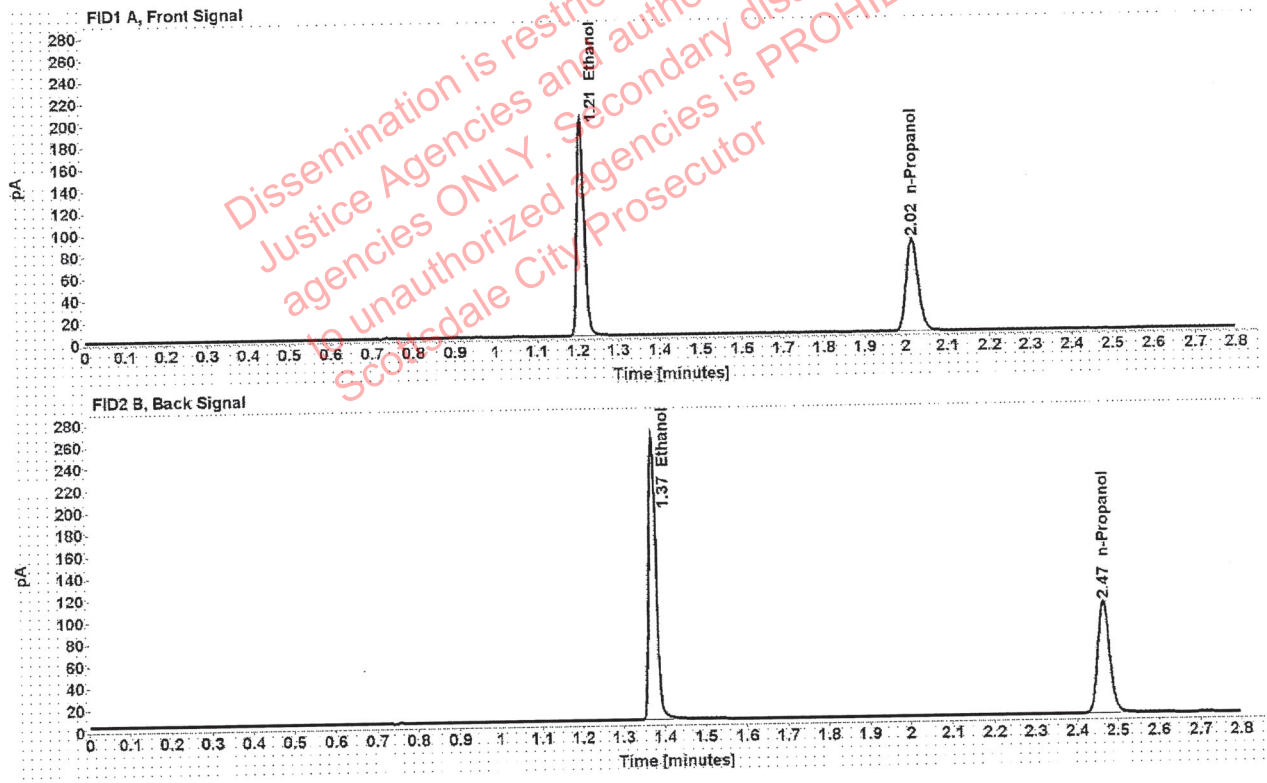


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4042	1.208	253.649
n-Propanol	-----	2.015	169.470

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

Compound	Time (min)	Peak Area
Ethanol	1.372	317.906
n-Propanol	2.466	209.768

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 65
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 7:39:35 PM
Data file: C:\Chem32\1\Data\25May21\65.D	Analyst: Canonico <i>EC</i>

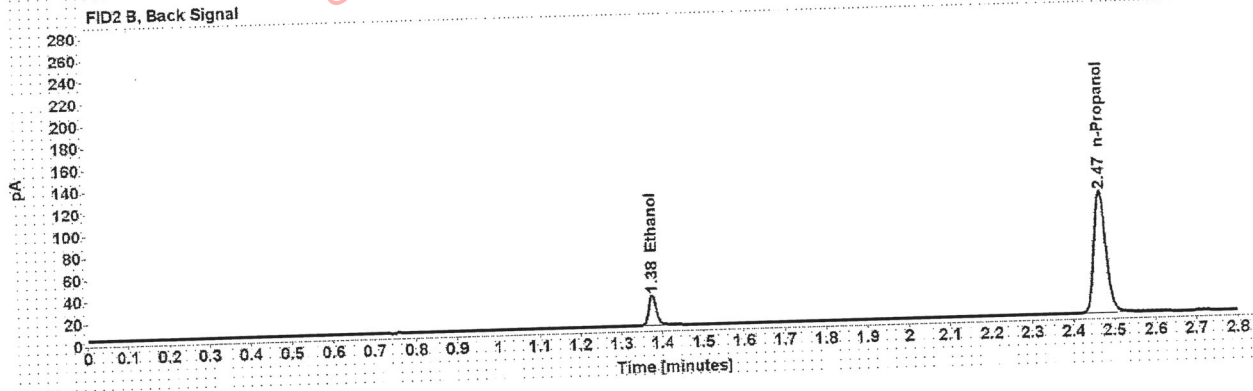
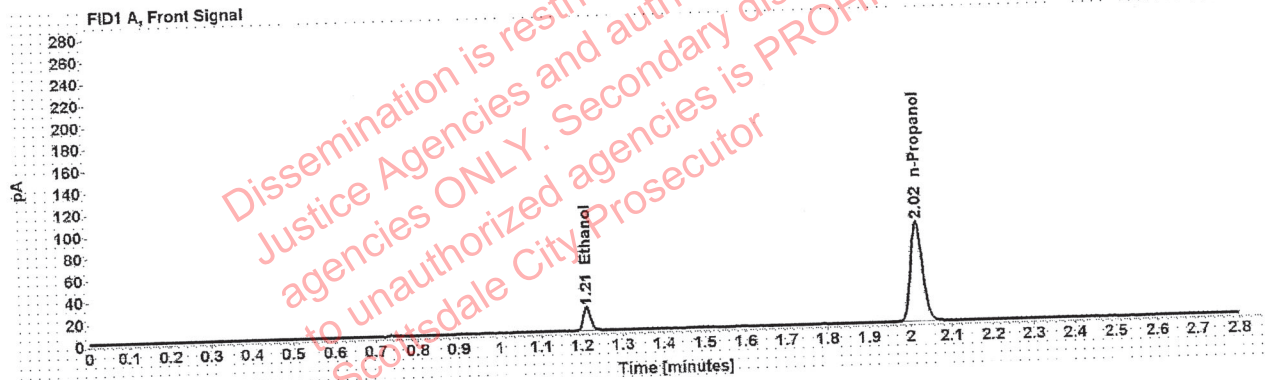


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0420	1.212	27.770
n-Propanol	-----	2.017	183.368

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

Compound	Time (min)	Peak Area
Ethanol	1.375	34.539
n-Propanol	2.467	226.388

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 66
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 7:43:35 PM
Data file: C:\Chem32\11\Data\25May21\66.D	Analyst: Canonico <i>EC</i>

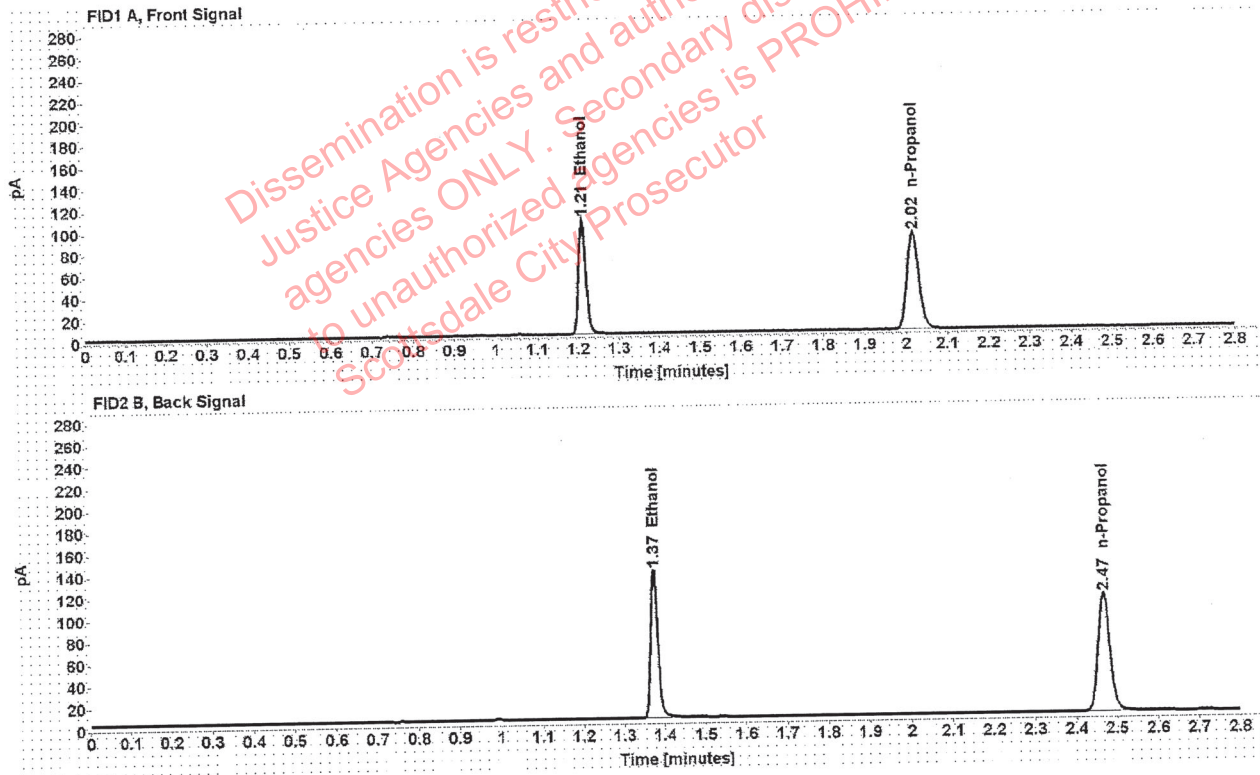


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2051	1.210	134.509
n-Propanol	-----	2.017	177.628

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

Compound	Time (min)	Peak Area
Ethanol	1.374	168.315
n-Propanol	2.468	219.584

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 111020WB	Vial: 67
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 7:47:51 PM
Data file: C:\Chem3211\Data\25May21\67.D	Analyst: Canonico <i>EC</i>

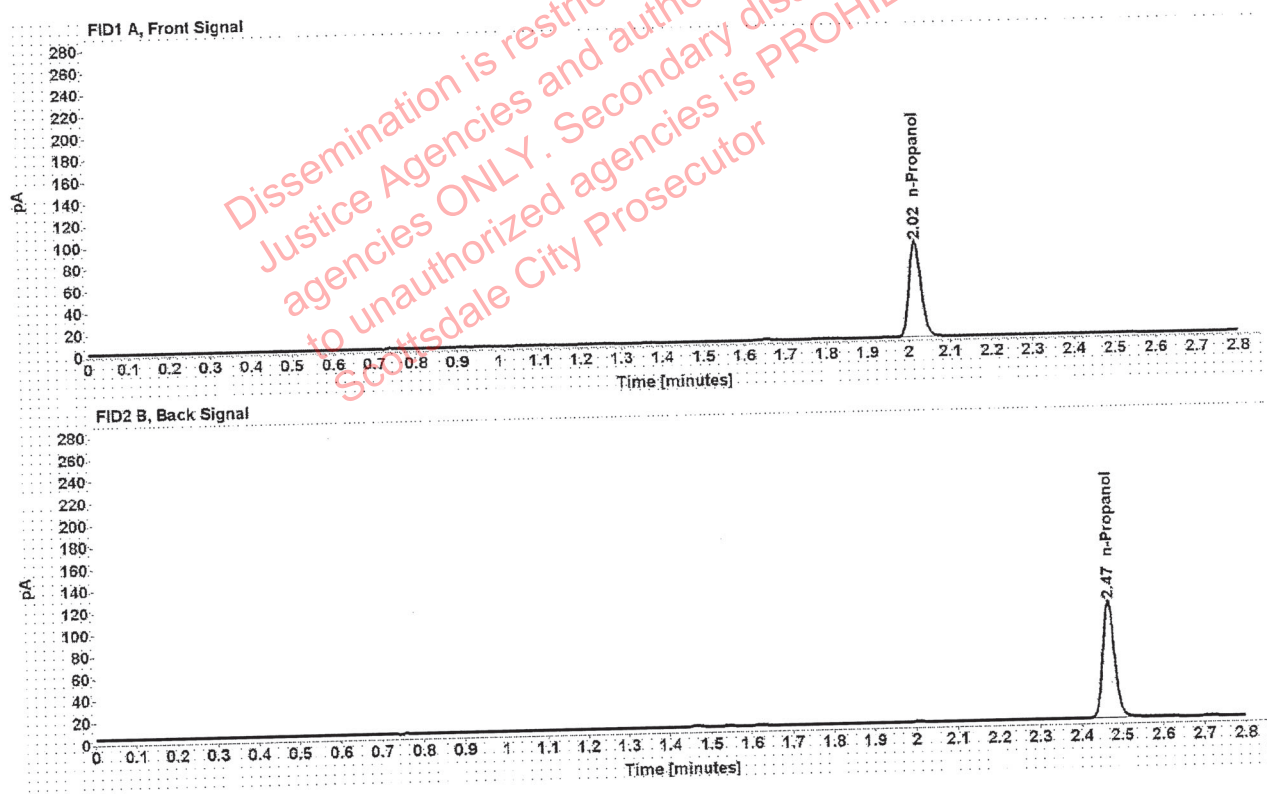


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	175.115

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	216.803

Sequence Summary

Sequence name: 25May21 Instrument: US14173023 CN14160045 Analyst: Canonico *ee*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	031021AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4101018274/9	0.200	Control		ethanol quant.M
10	1367222		Sample		ethanol quant.M
11	1367222		Sample		ethanol quant.M
12	33801DA		Sample		ethanol quant.M
13	33801DA		Sample		ethanol quant.M
14	34001GG		Sample		ethanol quant.M
15	34001GG		Sample		ethanol quant.M
16	33801MM		Sample		ethanol quant.M
17	33801MM		Sample		ethanol quant.M
18	1349452		Sample		ethanol quant.M
19	1349452		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1373042		Sample		ethanol quant.M
22	1373042		Sample		ethanol quant.M
23	1372769		Sample		ethanol quant.M
24	1372769		Sample		ethanol quant.M
25	1373032		Sample		ethanol quant.M
26	1373032		Sample		ethanol quant.M
27	1371943		Sample		ethanol quant.M
28	1371943		Sample		ethanol quant.M
29	1373199		Sample		ethanol quant.M
30	1373199		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1372689		Sample		ethanol quant.M
33	1372689		Sample		ethanol quant.M
34	1372455		Sample		ethanol quant.M
35	1372455		Sample		ethanol quant.M
36	1373417		Sample		ethanol quant.M
37	1373417		Sample		ethanol quant.M
38	1373514		Sample		ethanol quant.M
39	1373514		Sample		ethanol quant.M
40	1345723		Sample		ethanol quant.M
41	1345723		Sample		ethanol quant.M
42	4101018274/9	0.200	Control		ethanol quant.M
43	1370234		Sample		ethanol quant.M
44	1370234		Sample		ethanol quant.M
45	1373792		Sample		ethanol quant.M
46	1373792		Sample		ethanol quant.M
47	1373333		Sample		ethanol quant.M

Sequence Summary

ee

48	1373333		Sample		ethanol quant.M
49	1373424		Sample		ethanol quant.M
50	1373424		Sample		ethanol quant.M
51	1373493		Sample		ethanol quant.M
52	1373493		Sample		ethanol quant.M
53	03102016-A/1	0.080	Control		ethanol quant.M
54	1373218		Sample		ethanol quant.M
55	1373218		Sample		ethanol quant.M
56	1374026		Sample		ethanol quant.M
57	1374026		Sample		ethanol quant.M
58	1373592		Sample		ethanol quant.M
59	1373592		Sample		ethanol quant.M
60	1374001		Sample		ethanol quant.M
61	1374001		Sample		ethanol quant.M
62	1372249		Sample		ethanol quant.M
63	1372249		Sample		ethanol quant.M
64	11092018-A	0.400	Control		ethanol quant.M
65	14082019-B	0.040	Control		ethanol quant.M
66	4101018274/9	0.200	Control		ethanol quant.M
67	111020WB	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 25May21

ANALYST: Canonico

82

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1644	0.1623	0.16335	0.64	0.00105
12 13	0.2018	0.2037	0.20275	0.47	0.00095
14 15	0.3317	0.3323	0.33200	0.09	0.00030
16 17	0.1349	0.1354	0.13515	0.18	0.00025
18 19	0.2963	0.2989	0.29760	0.44	0.00130
21 22	0.1395	0.1387	0.13910	0.29	0.00040
23 24	0.0951	0.0953	0.09520	0.11	0.00010
25 26	0.0763	0.0766	0.07645	0.20	0.00015
27 28	0.0880	0.0888	0.08840	0.45	0.00040
29 30	0.1068	0.1064	0.10660	0.19	0.00020
32 33	0.0069	0.0000	0.00345	100.00 **	0.00345
34 35	0.1133	0.1135	0.11340	0.09	0.00010
36 37	0.1968	0.1945	0.19565	0.59	0.00115
38 39	0.2022	0.2018	0.20200	0.10	0.00020
40 41	0.1693	0.1693	0.16930	0.00	0.00000
43 44	0.1744	0.1727	0.17355	0.49	0.00085
45 46	0.2598	0.2589	0.25935	0.17	0.00045
47 48	0.1525	0.1504	0.15145	0.69	0.00105
49 50	0.1753	0.1742	0.17475	0.31	0.00055
51 52	0.2534	0.2521	0.25275	0.26	0.00065
54 55	0.2910	0.2895	0.29025	0.26	0.00075
56 57	0.1881	0.1917	0.18990	0.95	0.00180
58 59	0.0000	0.0000	0.00000	0.00	0.00000
60 61	0.1386	0.1377	0.13815	0.33	0.00045
62 63	0.0807	0.0809	0.08080	0.12	0.00010

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

**Ethanol concentration is below our detection limit.

Scottsdale Forensic Lab Blood Alcohol Pipetting Log

ANALYST: Canonico

SEQUENCE: 25May21 EQ

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	1367222	1367222	1367222	Yes
Vials 12 and 13	33801DA	33801DA	33801DA	Yes
Vials 14 and 15	34001GG	34001GG	34001GG	Yes
Vials 16 and 17	33801MM	33801MM	33801MM	Yes
Vials 18 and 19	1349452	1349452	1349452	Yes
Vials 21 and 22	1373042	1373042	1373042	Yes
Vials 23 and 24	1372769	1372769	1372769	Yes
Vials 25 and 26	1373032	1373032	1373032	Yes
Vials 27 and 28	1371943	1371943	1371943	Yes
Vials 29 and 30	1373199	1373199	1373199	Yes
Vials 32 and 33	1372689	1372689	1372689	Yes
Vials 34 and 35	1372455	1372455	1372455	Yes
Vials 36 and 37	1373417	1373417	1373417	Yes
Vials 38 and 39	1373514	1373514	1373514	Yes
Vials 40 and 41	1345723	1345723	1345723	Yes
Vials 43 and 44	1370234	1370234	1370234	Yes
Vials 45 and 46	1373792	1373792	1373792	Yes
Vials 47 and 48	1373333	1373333	1373333	Yes
Vials 49 and 50	1373424	1373424	1373424	Yes
Vials 51 and 52	1373493	1373493	1373493	Yes
Vials 54 and 55	1373218	1373218	1373218	Yes
Vials 56 and 57	1374026	1374026	1374026	Yes
Vials 58 and 59	1373592	1373592	1373592	Yes
Vials 60 and 61	1374001	1374001	1374001	Yes
Vials 62 and 63	1372249	1372249	1372249	Yes

██████████ : Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1367222	Vial:	10
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 3:57:21 PM
Data file:	C:\Chem32\1\Data\25May21\10.D	Analyst:	Canonico

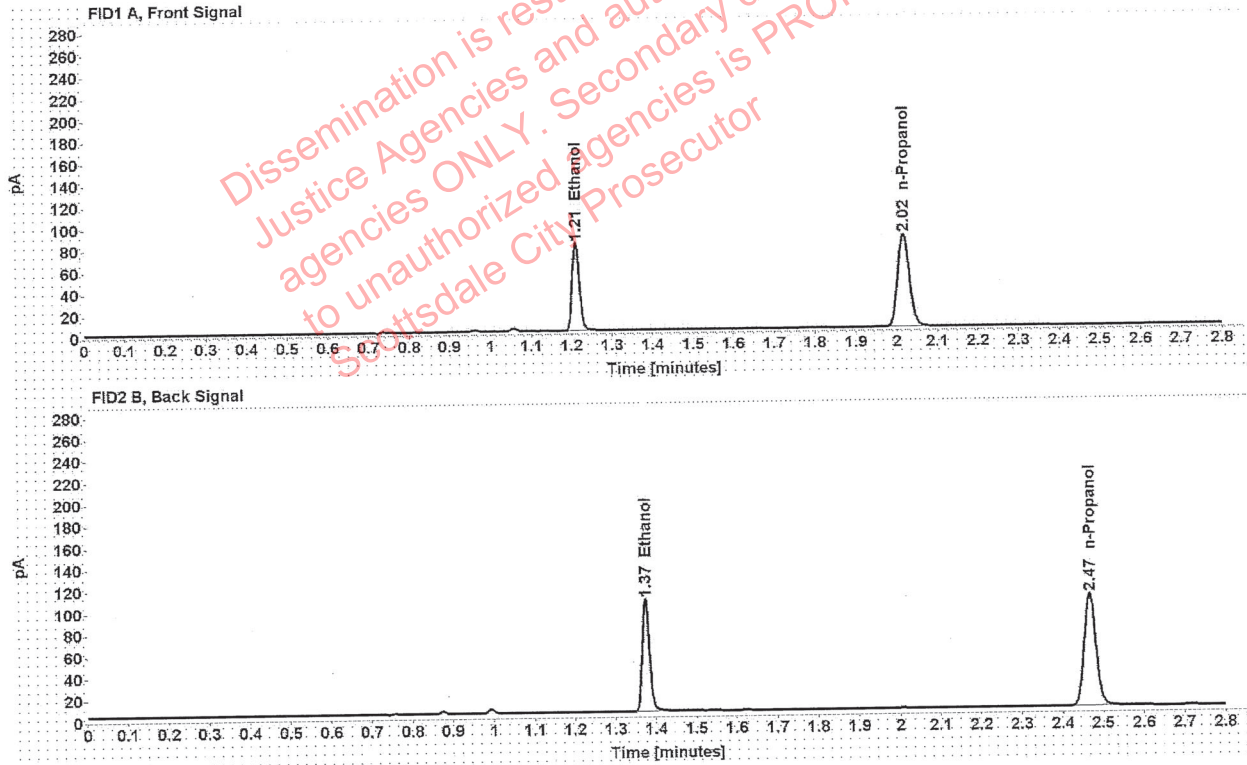


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1644	1.210	103.381
n-Propanol	-----	2.017	170.652

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

Compound	Time (min)	Peak Area
Ethanol	1.374	128.219
n-Propanol	2.467	209.790

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1367222	Vial: 11
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 4:01:20 PM
Data file: C:\Chem32\1\Data\25May21\11.D	Analyst: Canonico

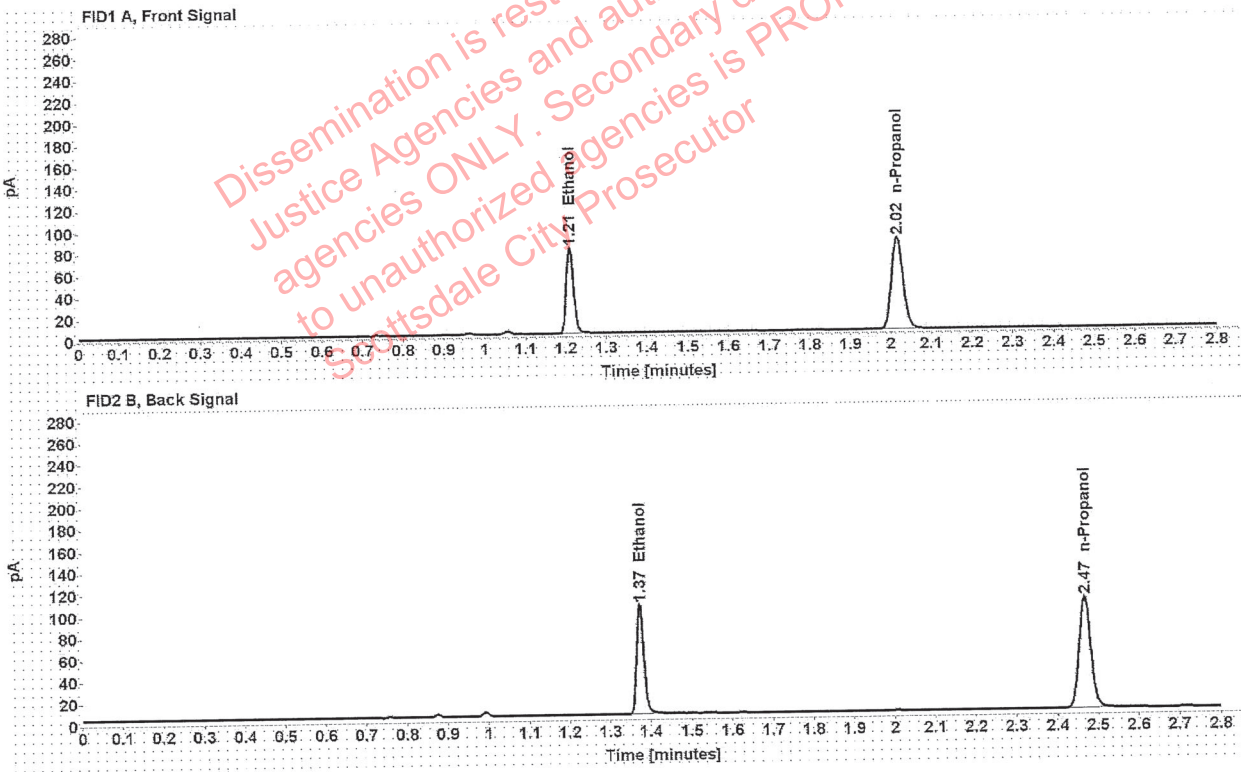


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1623	1.210	101.180
n-Propanol	-----	2.016	169.105

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

Compound	Time (min)	Peak Area
Ethanol	1.374	125.382
n-Propanol	2.467	207.807

[REDACTED]: Canonico, Erika - (26-May-2021)

Case: [REDACTED] User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801DA	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:05:21 PM
Data file:	C:\Chem32\11\Data\25May21\12.D	Analyst:	Canonico

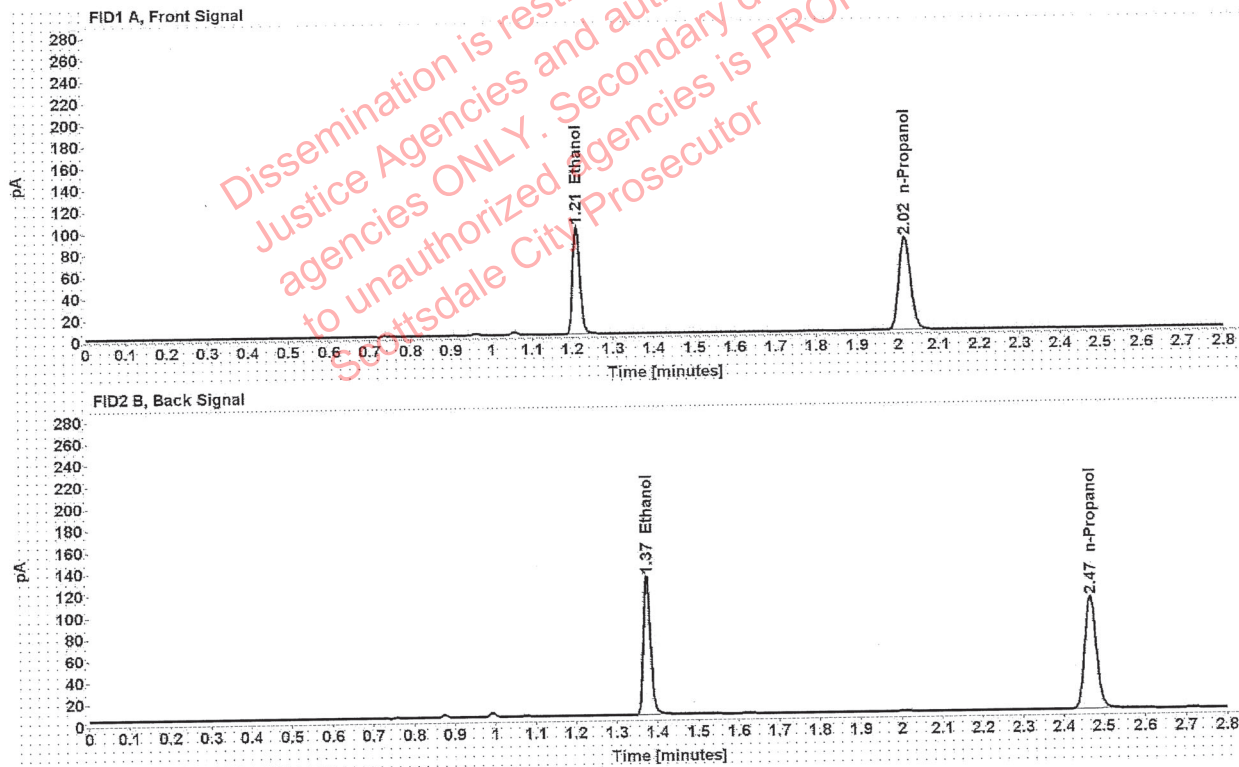


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2018	1.210	126.949
n-Propanol	-----	2.016	170.432

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.633
n-Propanol	2.467	209.531

██████████ : Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801DA	Vial:	13
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:09:36 PM
Data file:	C:\Chem32\1\Data\25May21\13.D	Analyst:	Canonico

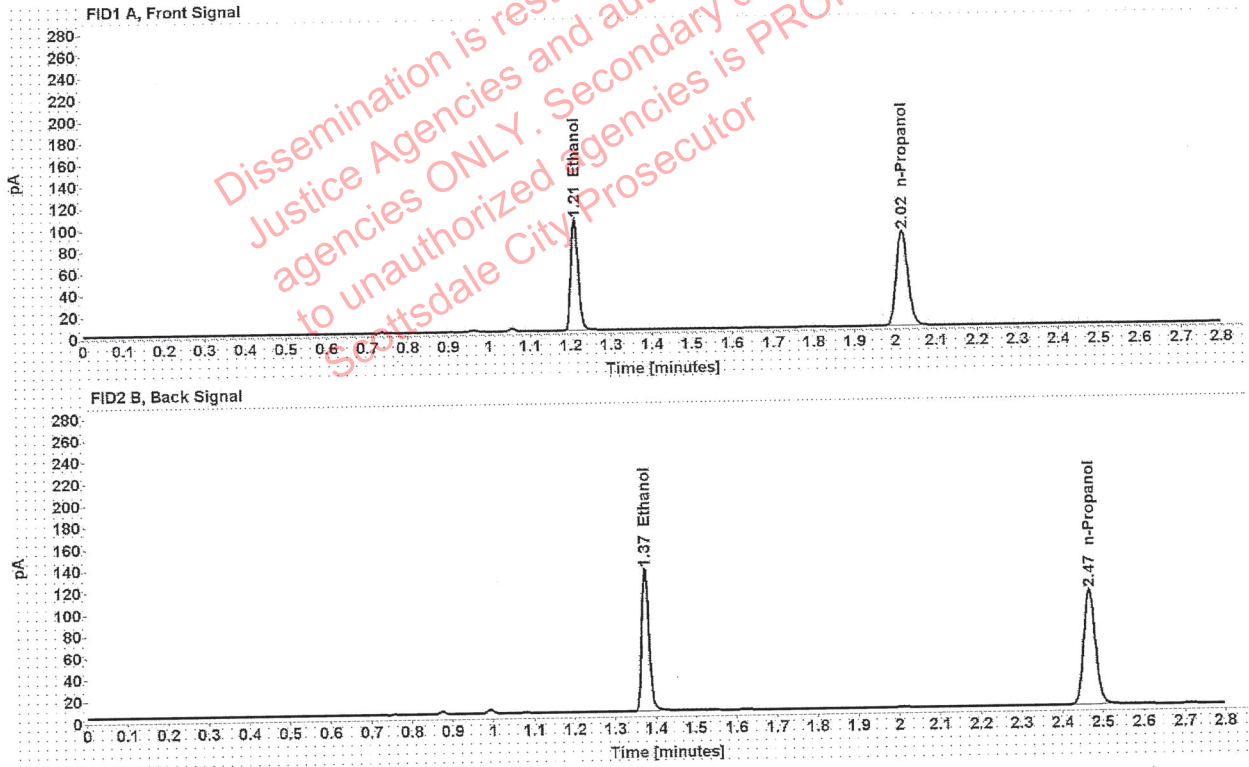


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2037	1.210	130.954
n-Propanol	-----	2.016	174.151

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.208
n-Propanol	2.467	214.075

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001GG	Vial:	14
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:13:35 PM
Data file:	C:\Chem32\1\Data\25May21\14.D	Analyst:	Canonico

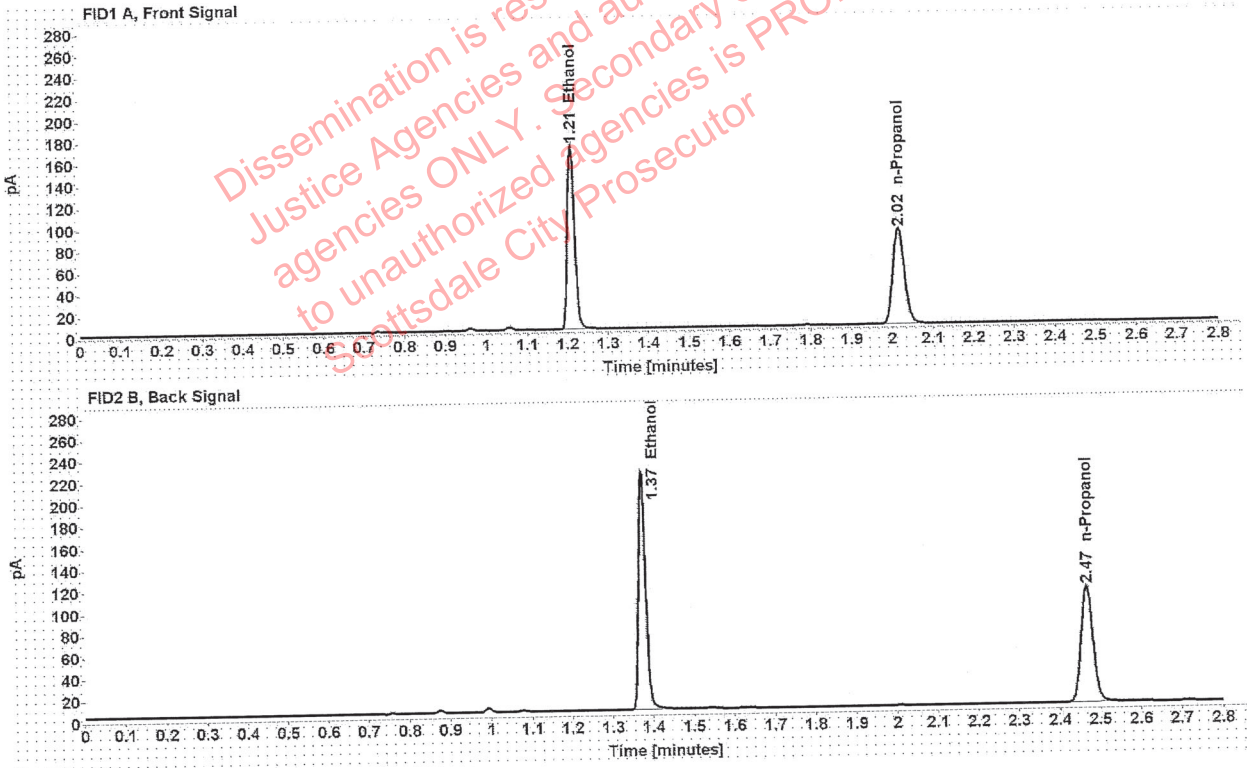


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3317	1.210	216.302
n-Propanol	-----	2.016	176.257

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

Compound	Time (min)	Peak Area
Ethanol	1.374	269.435
n-Propanol	2.467	216.724

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001GG	Vial:	15
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:17:36 PM
Data file:	C:\Chem32\1\Data\25May21\15.D	Analyst:	Canonico

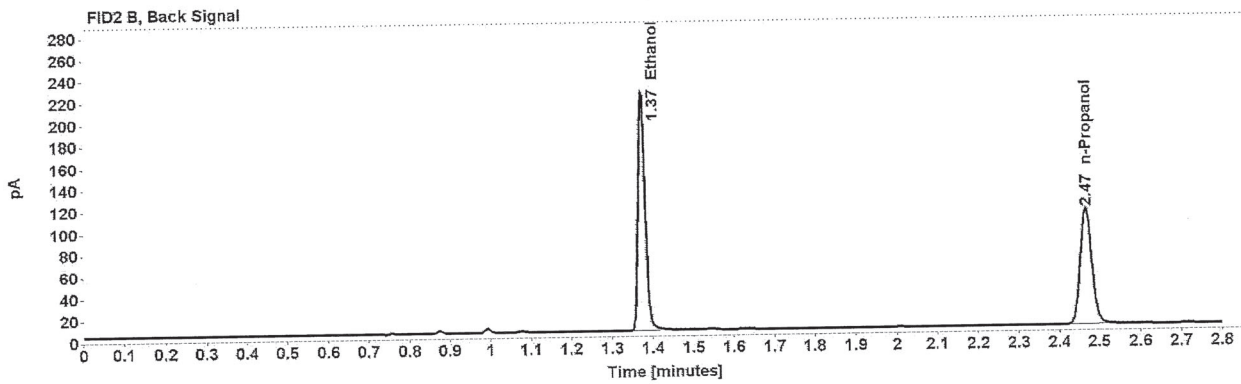
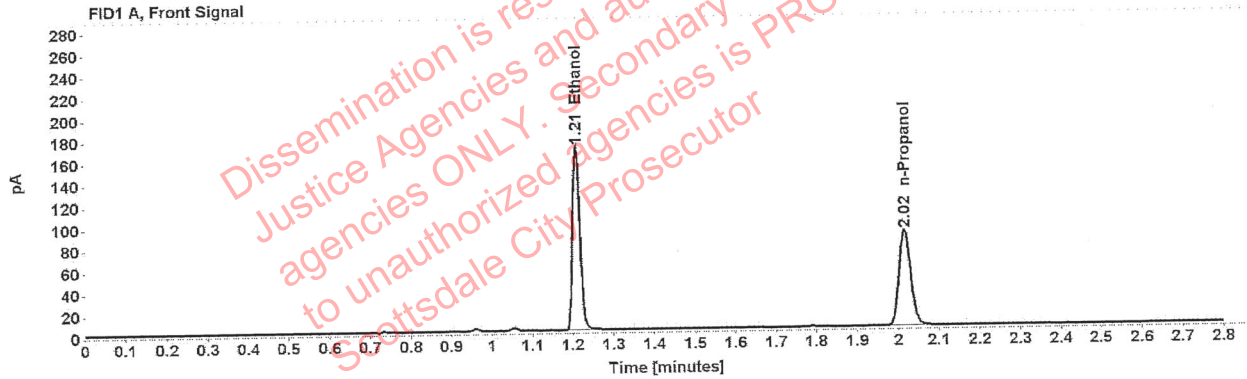


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3323	1.209	216.184
n-Propanol	-----	2.016	175.810

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

Compound	Time (min)	Peak Area
Ethanol	1.374	269.449
n-Propanol	2.467	216.342

Case: [REDACTED]: Canonico, Erika - (26-May-2021)

User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801MM	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:21:36 PM
Data file:	C:\Chem32\1\Data\25May21\16.D	Analyst:	Canonico

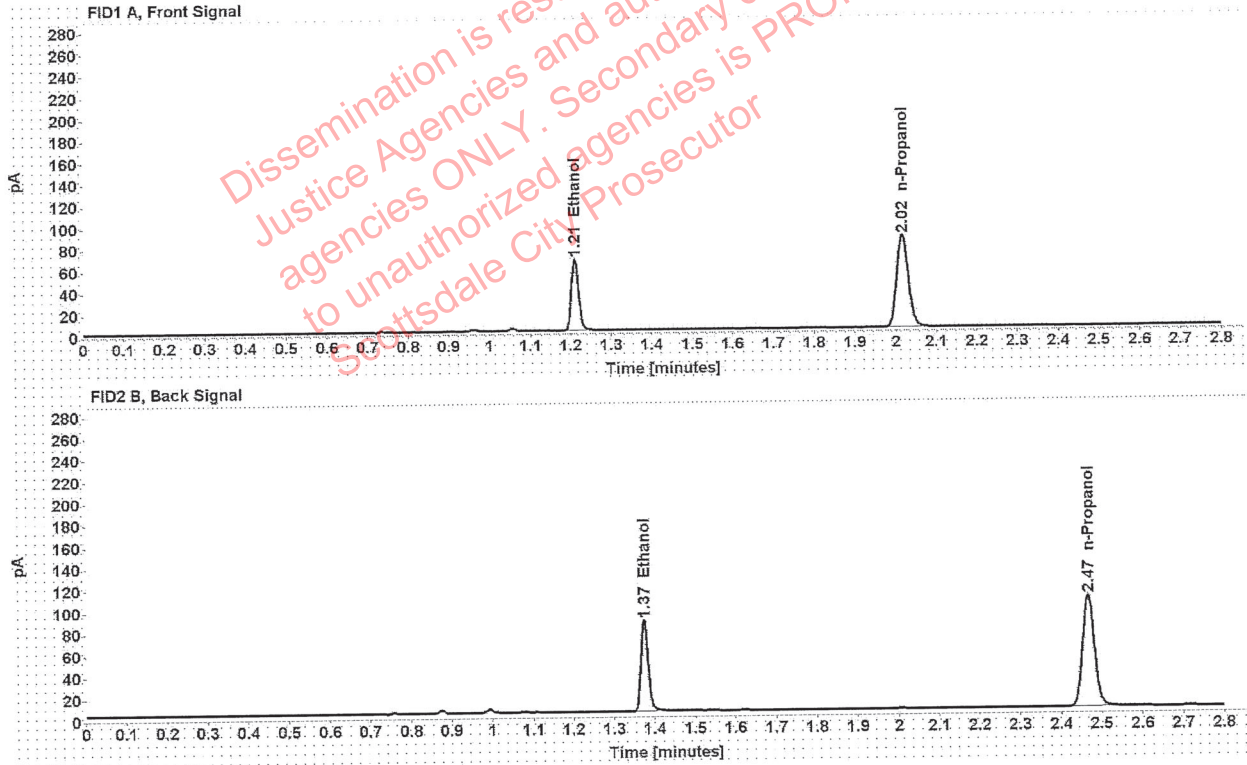


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1349	1.210	84.245
n-Propanol	-----	2.016	169.725

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

Compound	Time (min)	Peak Area
Ethanol	1.374	104.582
n-Propanol	2.467	208.638

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801MM	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:25:36 PM
Data file:	C:\Chem32\1\Data\25May21\17.D	Analyst:	Canonico

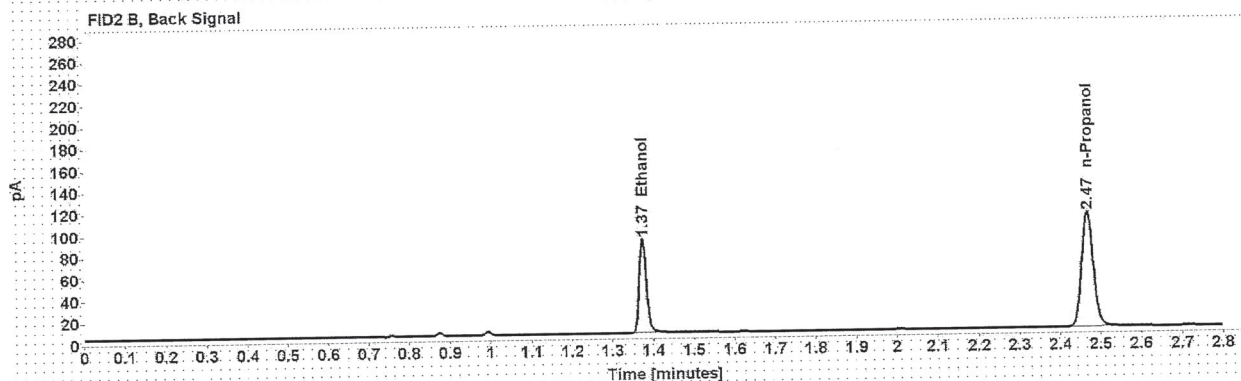
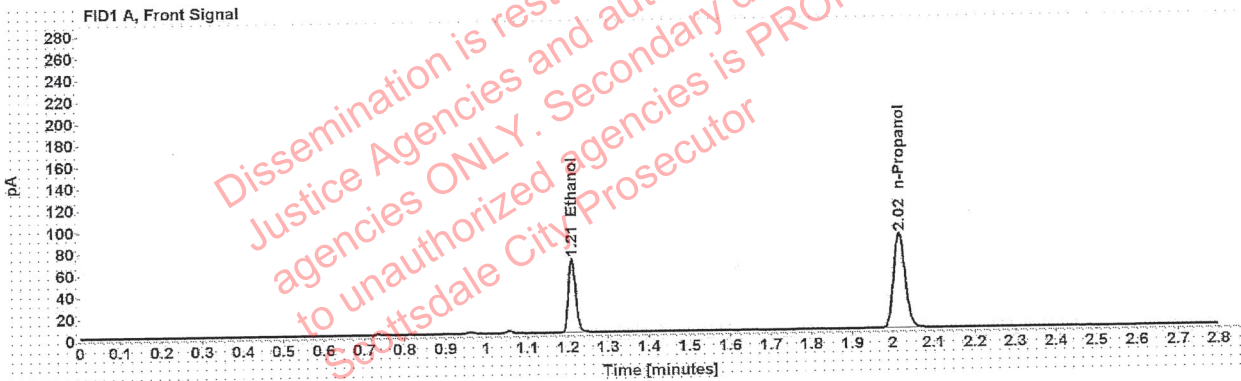


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1354	1.210	86.734
n-Propanol	-----	2.016	174.018

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

Compound	Time (min)	Peak Area
Ethanol	1.374	107.643
n-Propanol	2.467	214.255

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1349452	Vial:	18
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:29:36 PM
Data file:	C:\Chem32\1\Data\25May21\18.D	Analyst:	Canonico

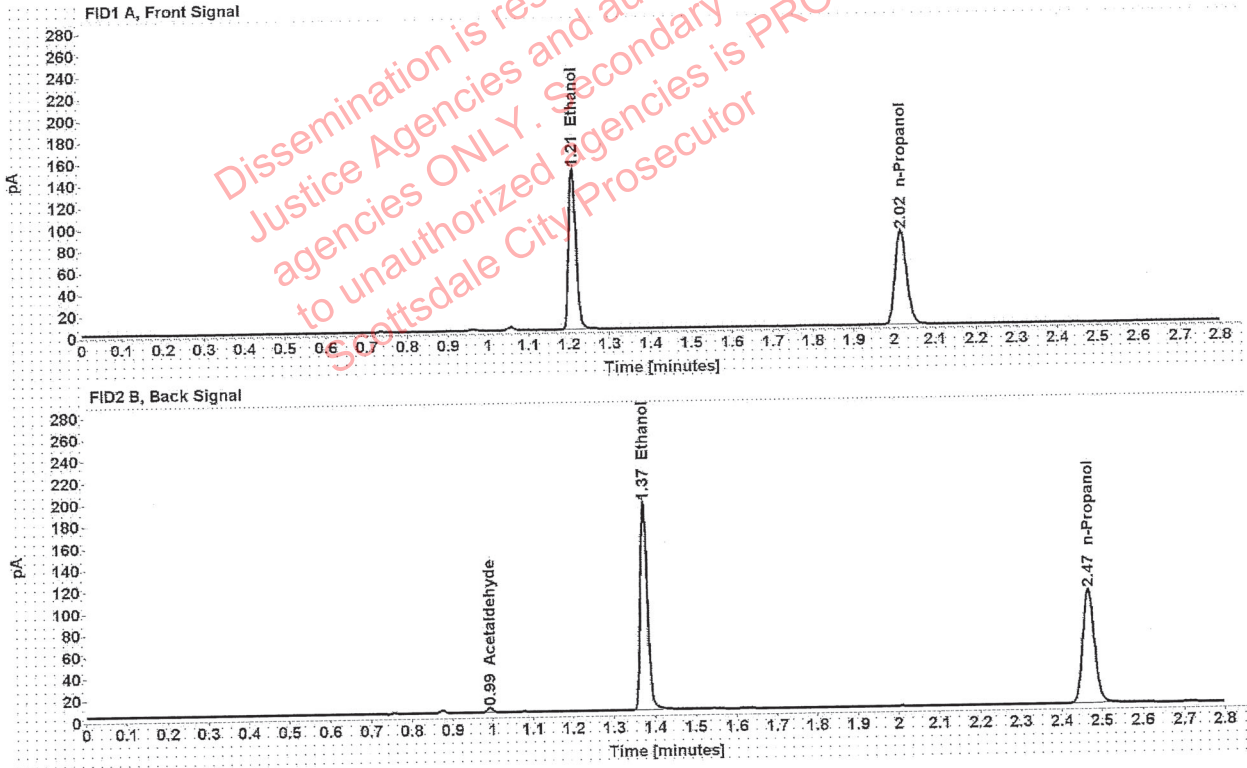


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2963	1.210	189.333
n-Propanol	-----	2.017	172.787

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.051
Ethanol	1.374	235.998
n-Propanol	2.467	212.853

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1349452	Vial: 19
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 4:33:51 PM
Data file: C:\Chem3211\Data\25May21\19.D	Analyst: Canonico

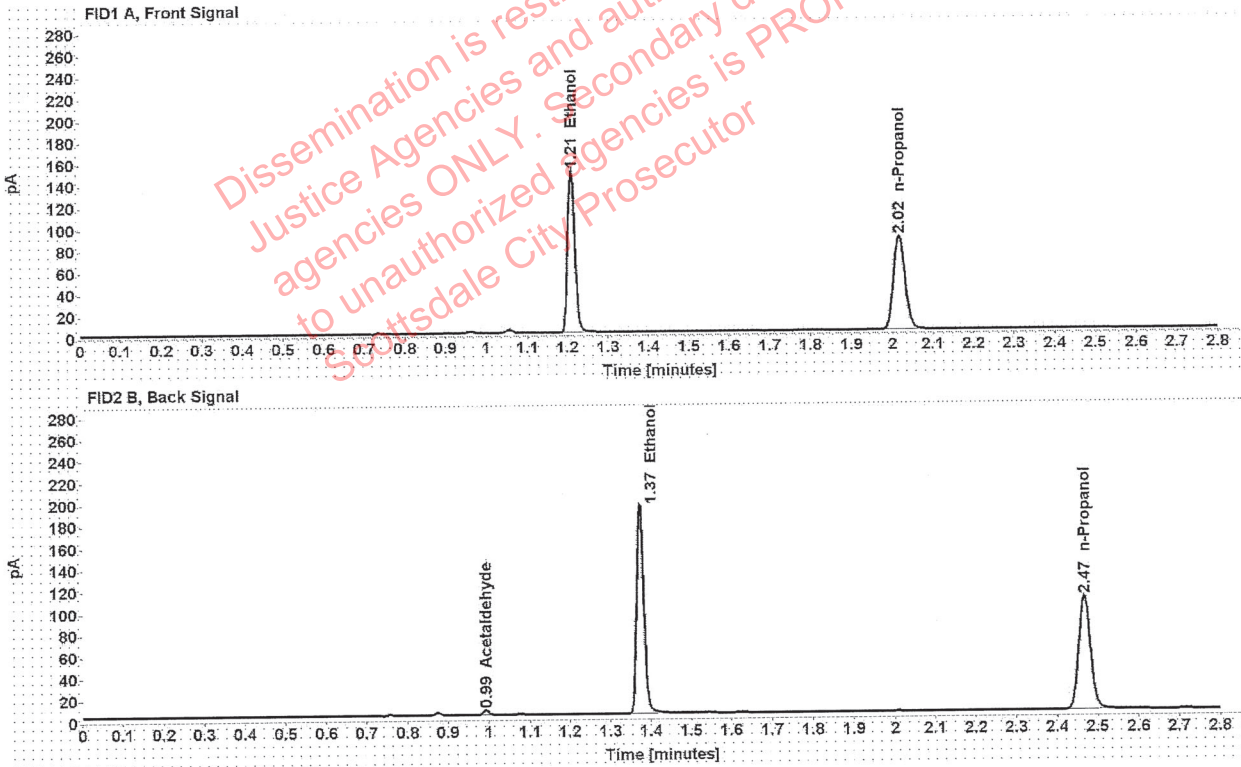


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2989	1.210	190.659
n-Propanol	-----	2.017	172.461

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.995
Ethanol	1.374	237.411
n-Propanol	2.467	212.348

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373042	Vial:	21
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:41:50 PM
Data file:	C:\Chem32\1\Data\25May21\21.D	Analyst:	Canonico

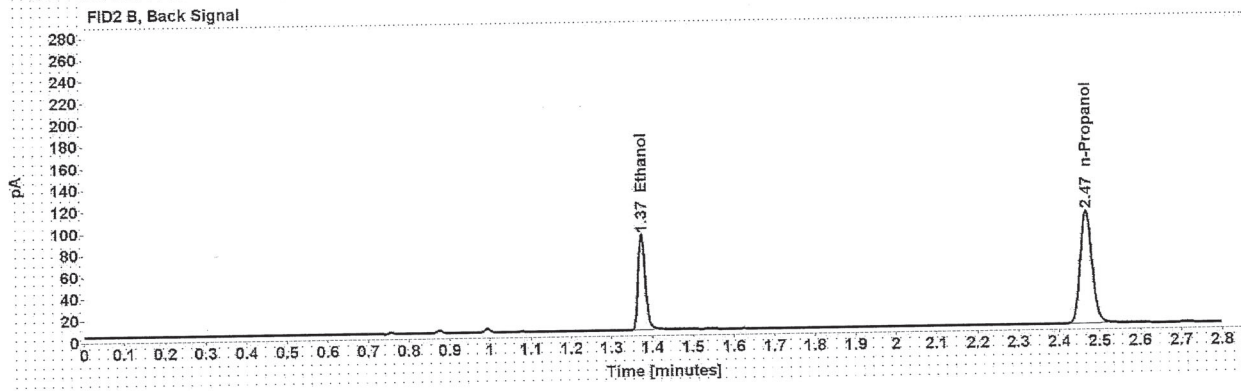
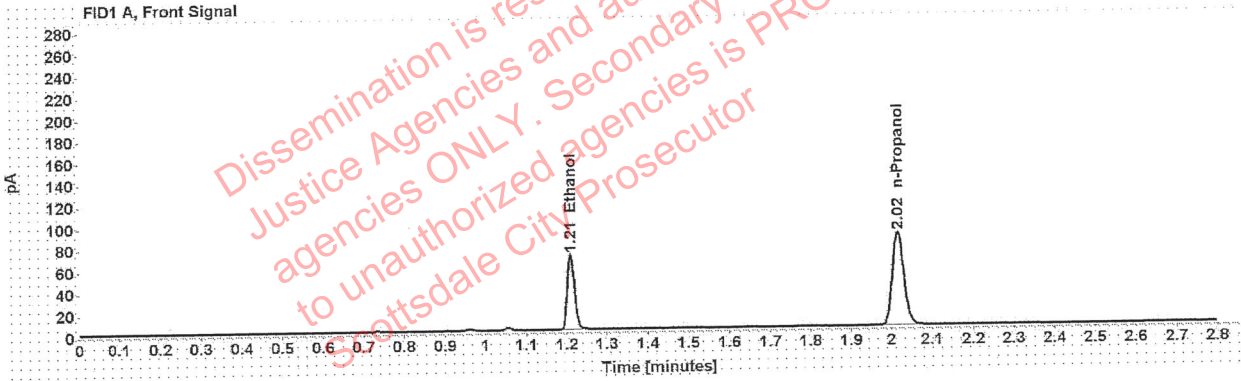


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1395	1.210	88.114
n-Propanol	-----	2.016	171.540

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

Compound	Time (min)	Peak Area
Ethanol	1.374	109.335
n-Propanol	2.467	211.089

██████████ Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373042	Vial:	22
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:45:51 PM
Data file:	C:\Chem32\1\Data\25May21\22.D	Analyst:	Canonico

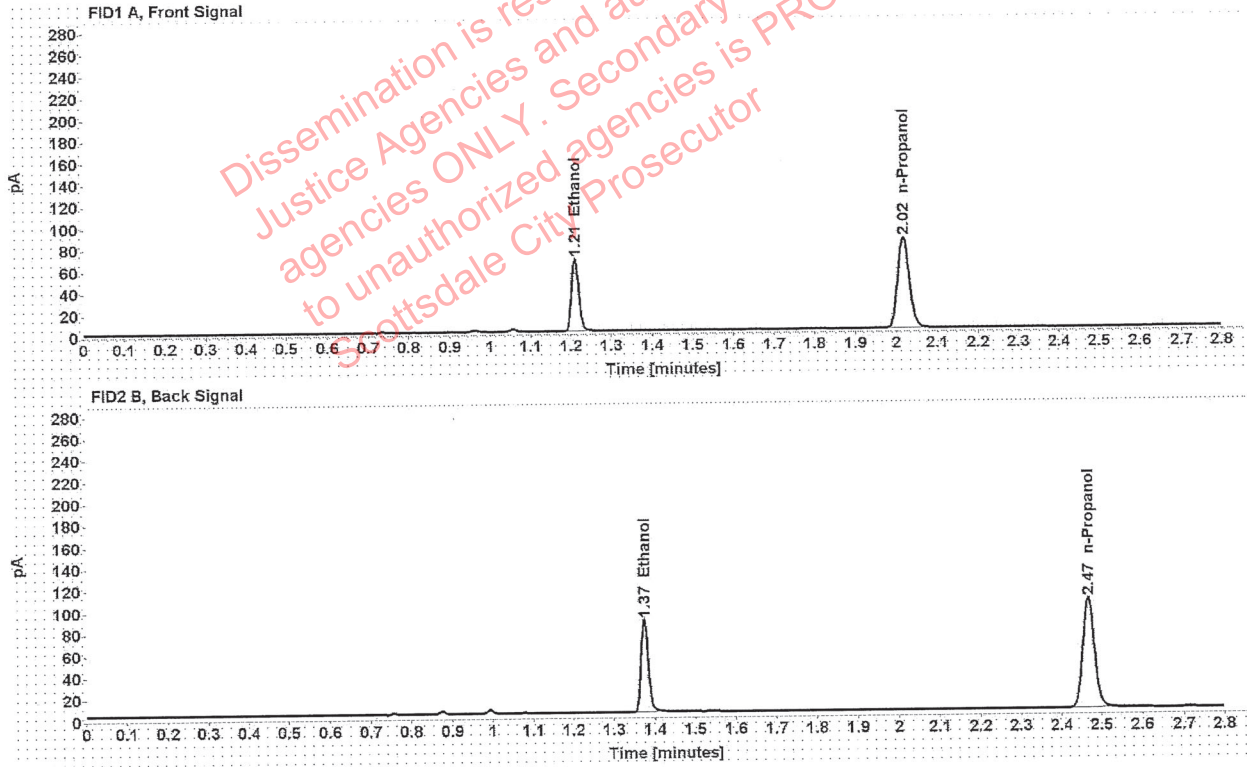


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1387	1.210	85.514
n-Propanol	-----	2.016	167.521

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

Compound	Time (min)	Peak Area
Ethanol	1.374	105.998
n-Propanol	2.467	206.011

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372769	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:49:51 PM
Data file:	C:\Chem32\1\Data\25May21\23.D	Analyst:	Canonico

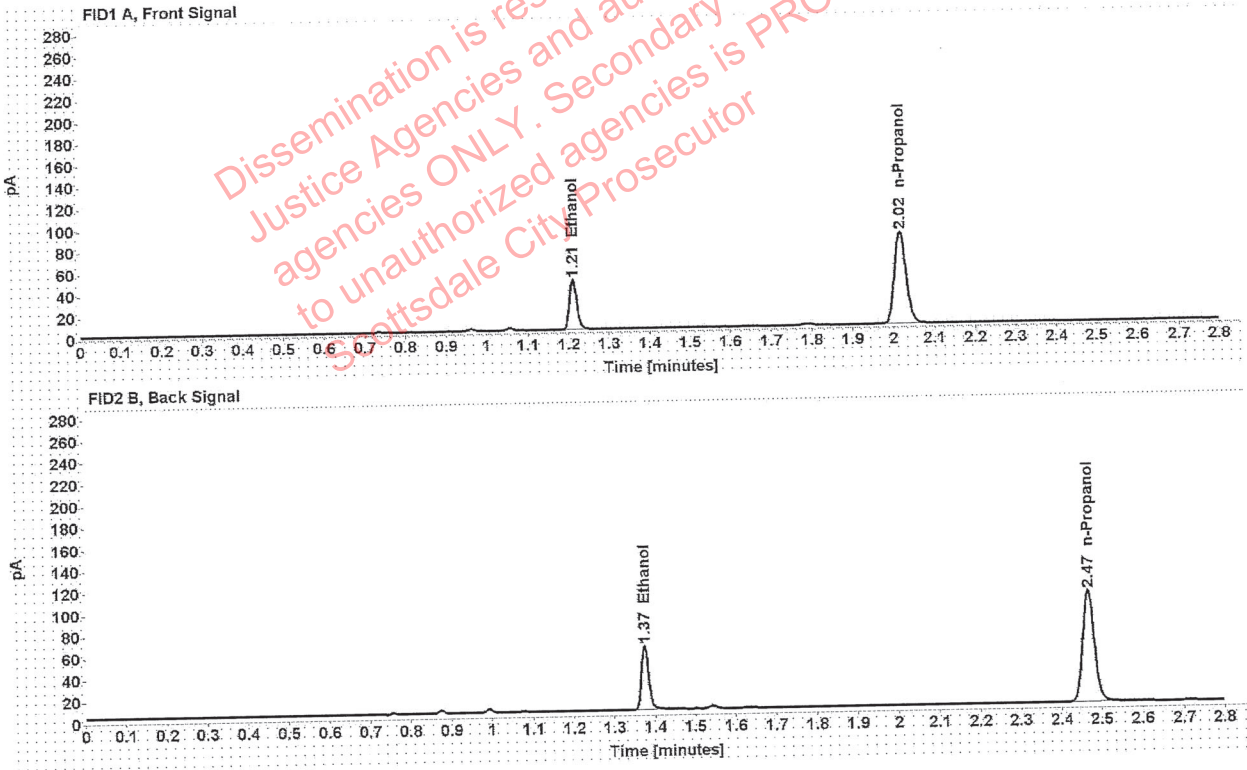


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0951	1.211	59.142
n-Propanol	-----	2.016	169.673

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

Compound	Time (min)	Peak Area
Ethanol	1.375	73.192
n-Propanol	2.467	208.152

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372769	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:53:50 PM
Data file:	C:\Chem32\1\Data\25May21\24.D	Analyst:	Canonico

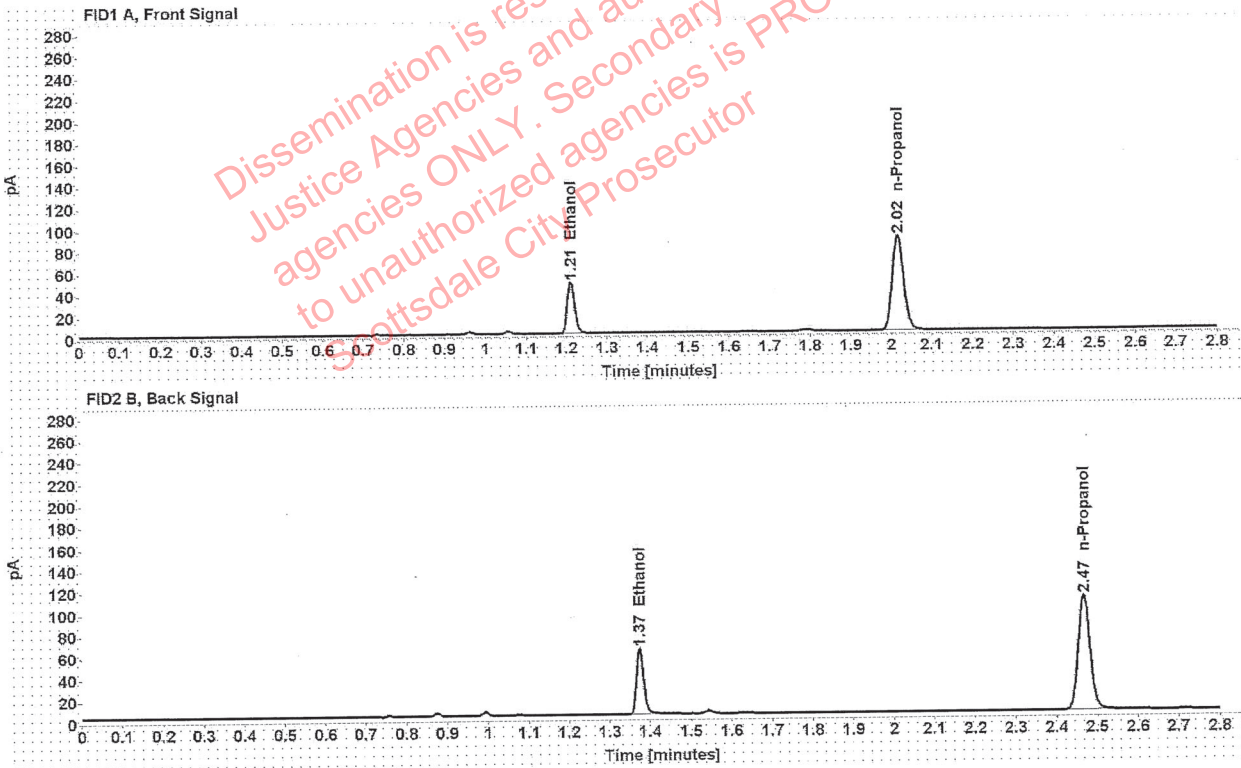


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0953	1.211	60.936
n-Propanol	-----	2.016	174.451

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

Compound	Time (min)	Peak Area
Ethanol	1.375	75.359
n-Propanol	2.467	214.186

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373032	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:58:07 PM
Data file:	C:\Chem32\1\Data\25May21\25.D	Analyst:	Canonico

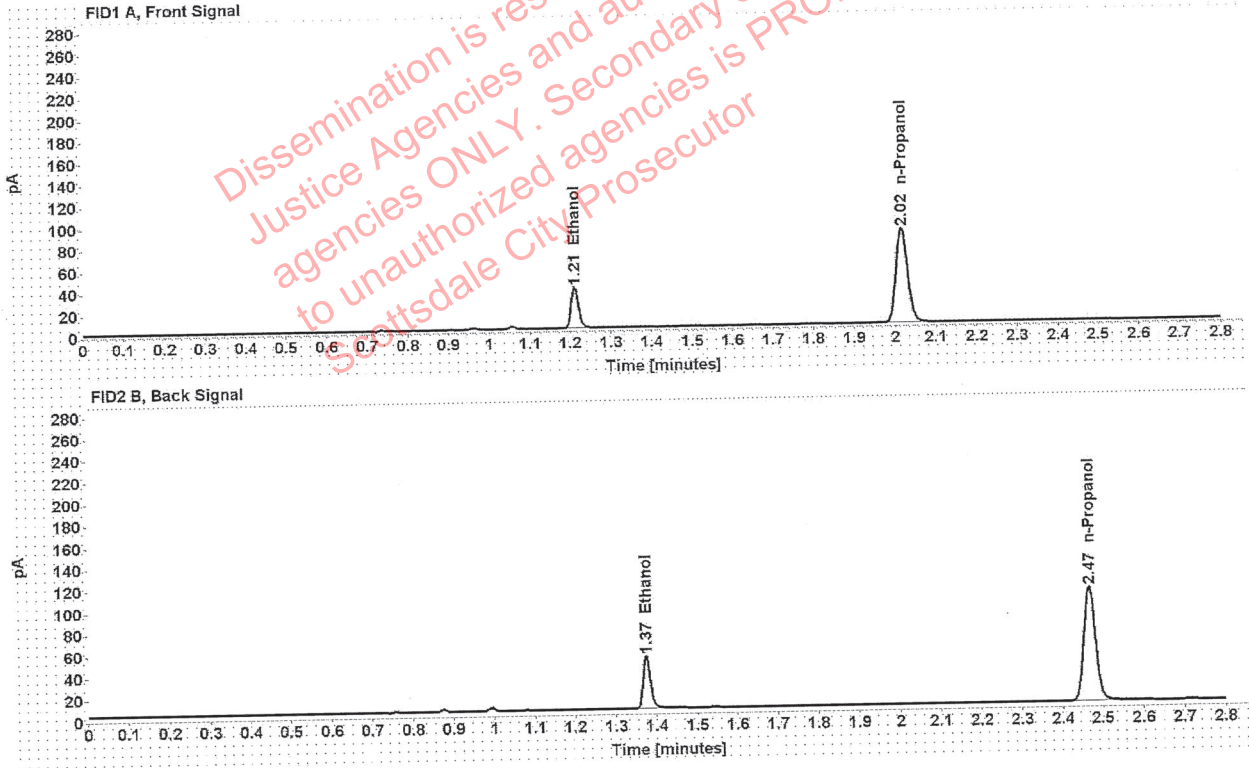


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0763	1.211	48.481
n-Propanol	-----	2.016	173.839

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

Compound	Time (min)	Peak Area
Ethanol	1.375	59.882
n-Propanol	2.467	213.884

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373032	Vial:	26
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:02:05 PM
Data file:	C:\Chem32\1\Data\25May21\26.D	Analyst:	Canonico

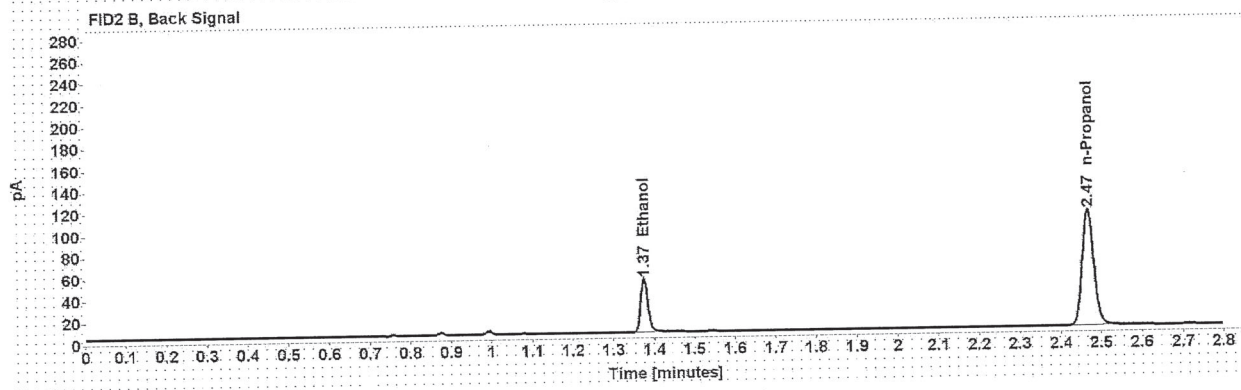
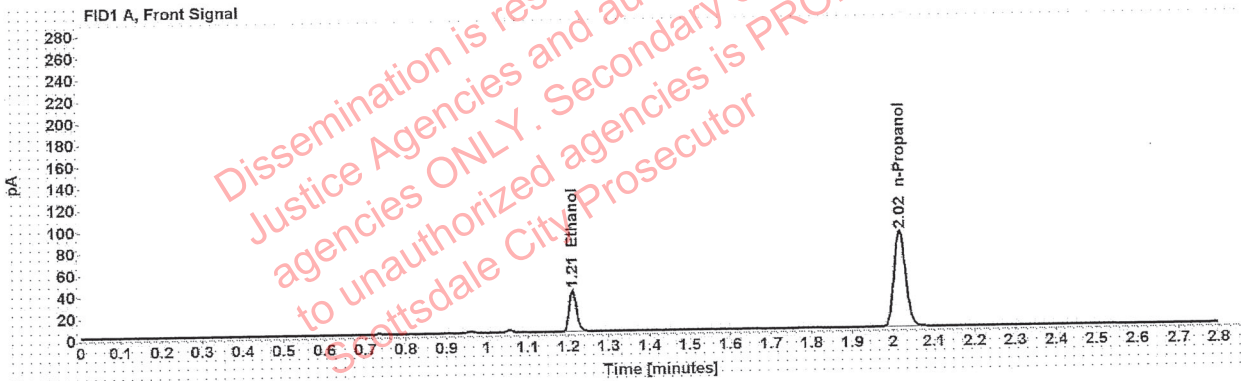


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0766	1.211	49.380
n-Propanol	-----	2.017	176.449

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

Compound	Time (min)	Peak Area
Ethanol	1.375	61.023
n-Propanol	2.467	217.294

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371943	Vial:	27
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:06:06 PM
Data file:	C:\Chem32\1\Data\25May21\27.D	Analyst:	Canonico

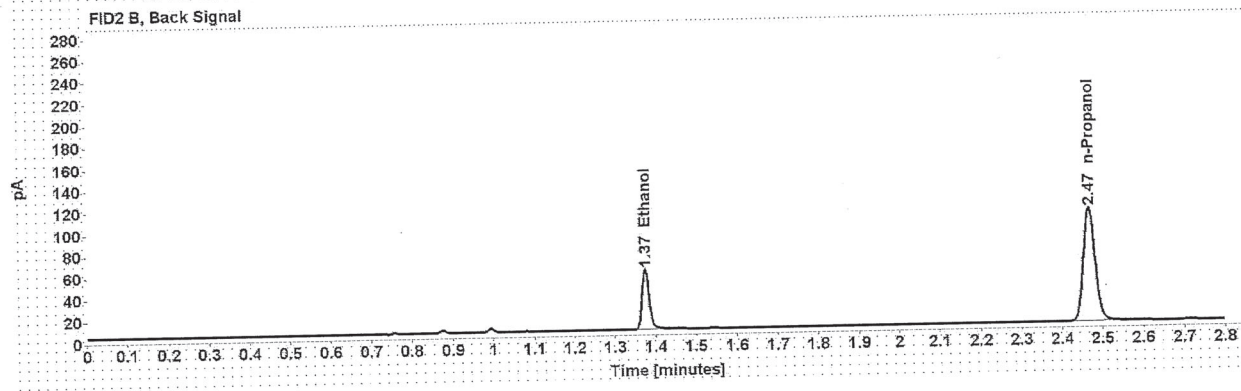
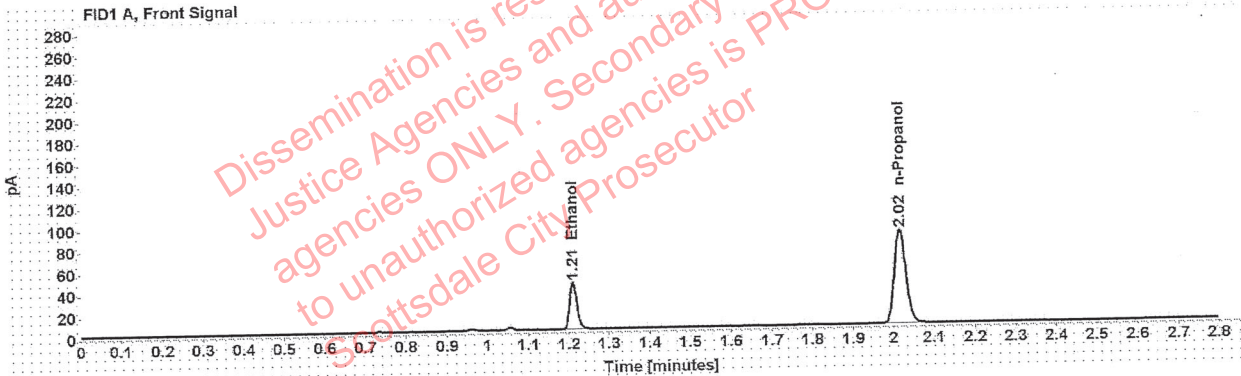


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0880	1.211	55.635
n-Propanol	-----	2.017	172.673

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

Compound	Time (min)	Peak Area
Ethanol	1.375	68.825
n-Propanol	2.467	212.429

[REDACTED]: Canonico, Erika - (26-May-2021)

Case: [REDACTED] User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371943	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:10:06 PM
Data file:	C:\Chem32\1\Data\25May21\28.D	Analyst:	Canonico

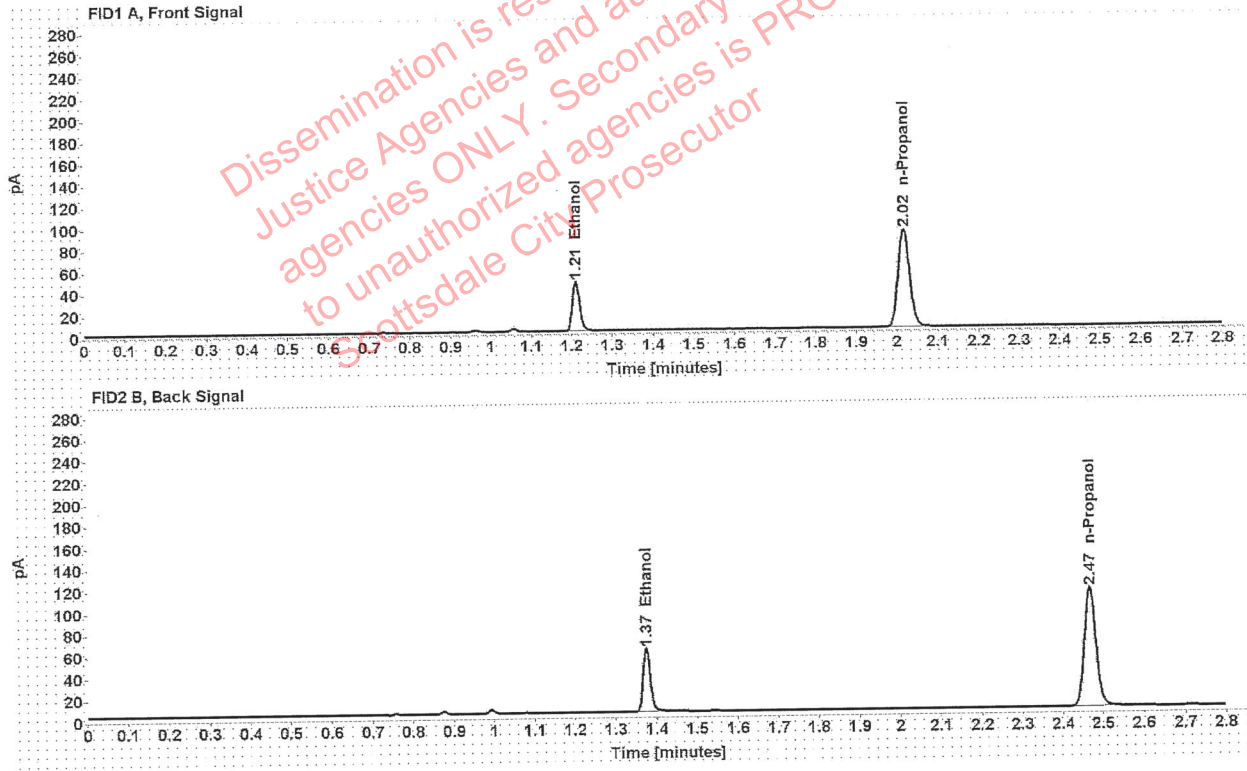


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0888	1.211	58.496
n-Propanol	-----	2.017	179.861

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

Compound	Time (min)	Peak Area
Ethanol	1.375	72.379
n-Propanol	2.467	221.385

[REDACTED]: Canonico, Erika - (26-May-2021)

Case: [REDACTED] User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373199	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:14:06 PM
Data file:	C:\Chem32\1\Data\25May21\29.D	Analyst:	Canonico

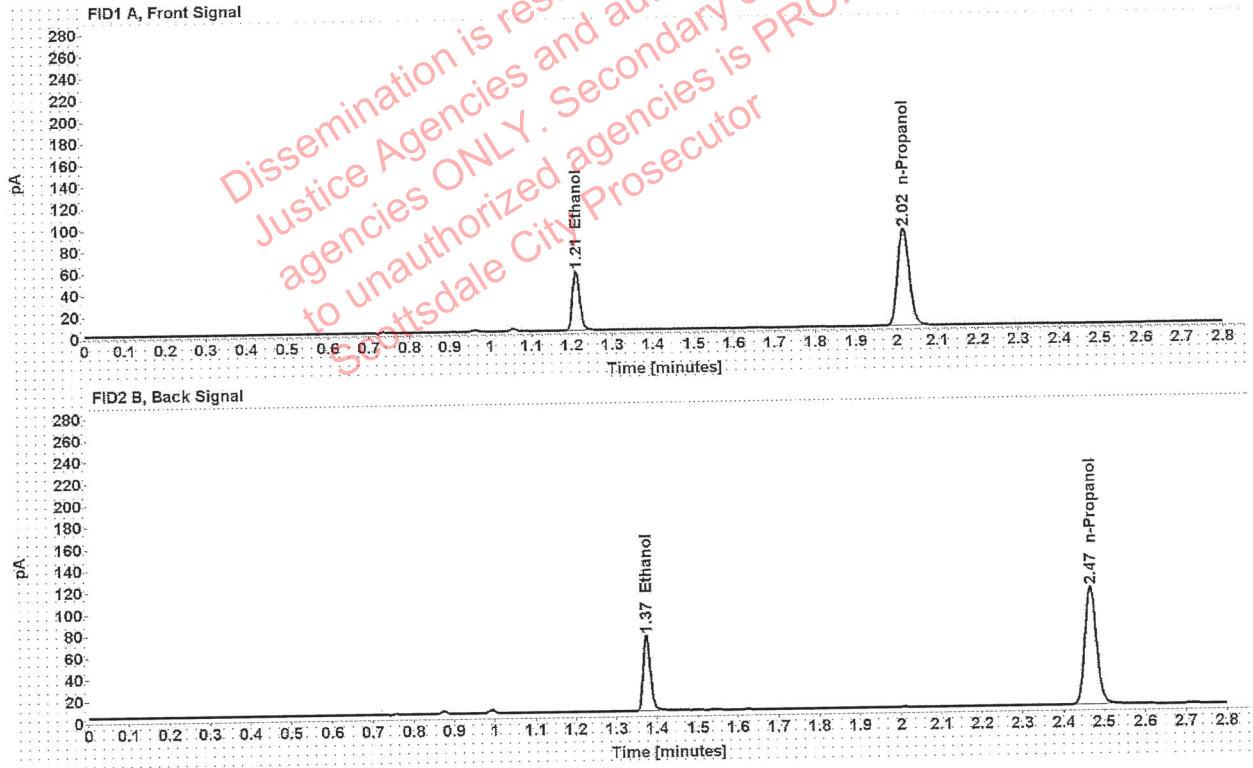


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1068	1.211	70.015
n-Propanol	-----	2.017	178.531

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

Compound	Time (min)	Peak Area
Ethanol	1.374	86.598
n-Propanol	2.467	220.436

[REDACTED] : Canonico, Erika - (26-May-2021)

Case: [REDACTED] User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373199	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:18:06 PM
Data file:	C:\Chem32\1\Data\25May21\30.D	Analyst:	Canonico

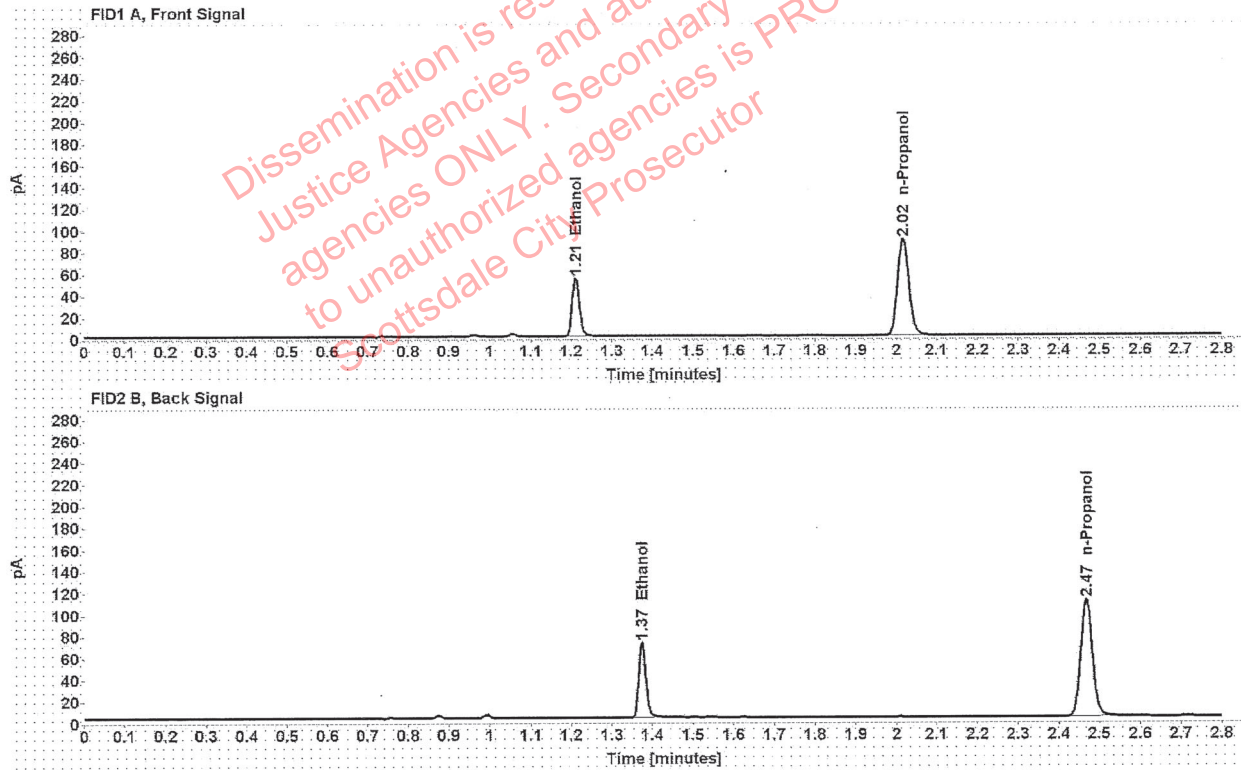


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1064	1.211	69.249
n-Propanol	-----	2.017	177.395

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

Compound	Time (min)	Peak Area
Ethanol	1.375	85.698
n-Propanol	2.467	218.751

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372689	Vial:	32
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:26:20 PM
Data file:	C:\Chem32\1\Data\25May21\32.D	Analyst:	Canonico

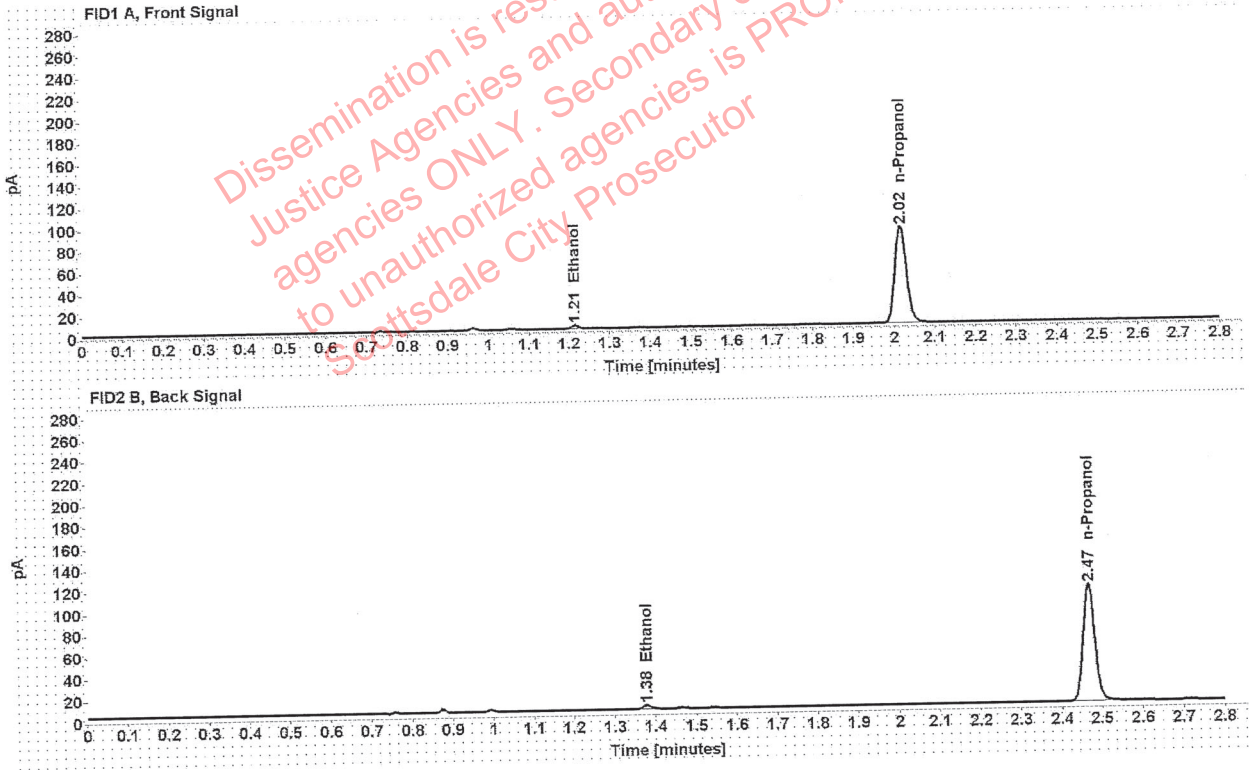


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0069	1.215	3.755
n-Propanol	-----	2.017	178.273

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

Compound	Time (min)	Peak Area
Ethanol	1.378	4.655
n-Propanol	2.467	219.722

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372689	Vial:	33
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:30:20 PM
Data file:	C:\Chem32\1\Data\25May21\33.D	Analyst:	Canonico

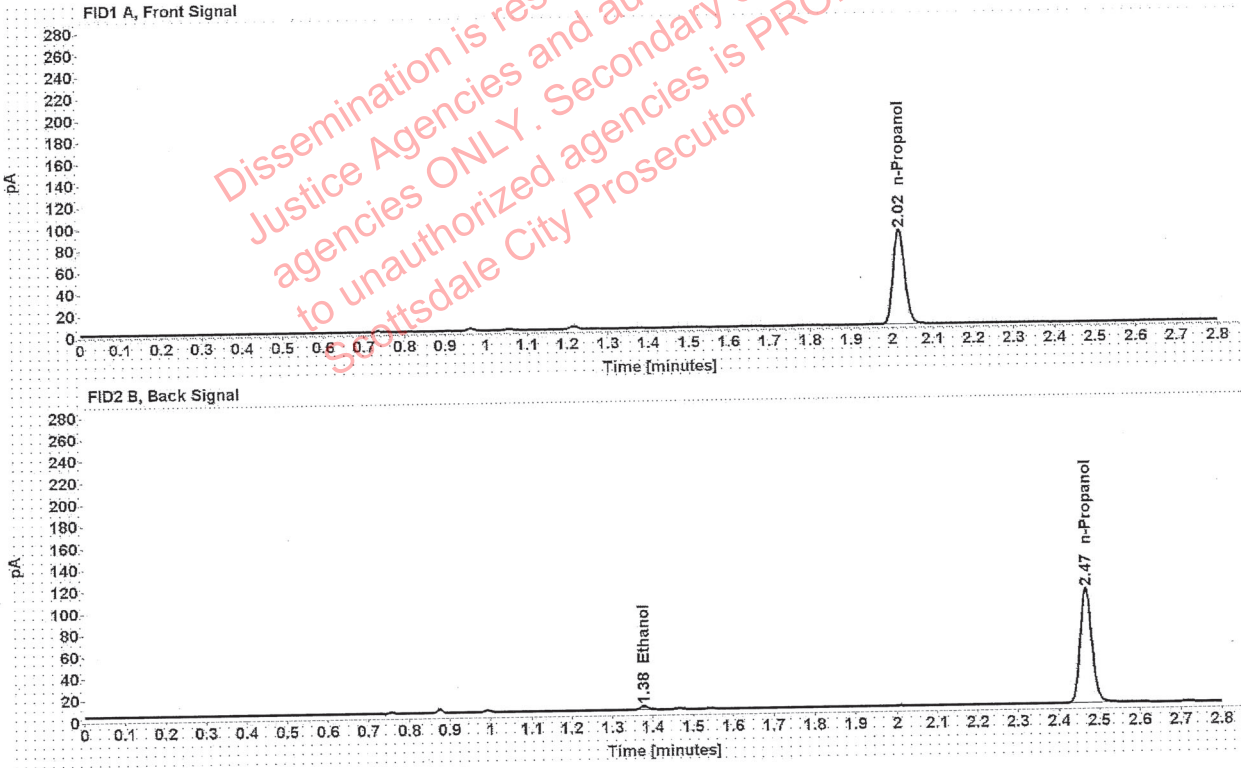


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	174.697

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

Compound	Time (min)	Peak Area
Ethanol	1.378	4.472
n-Propanol	2.467	215.366

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372455	Vial:	34
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:34:20 PM
Data file:	C:\Chem32\1\Data\25May21\34.D	Analyst:	Canonico

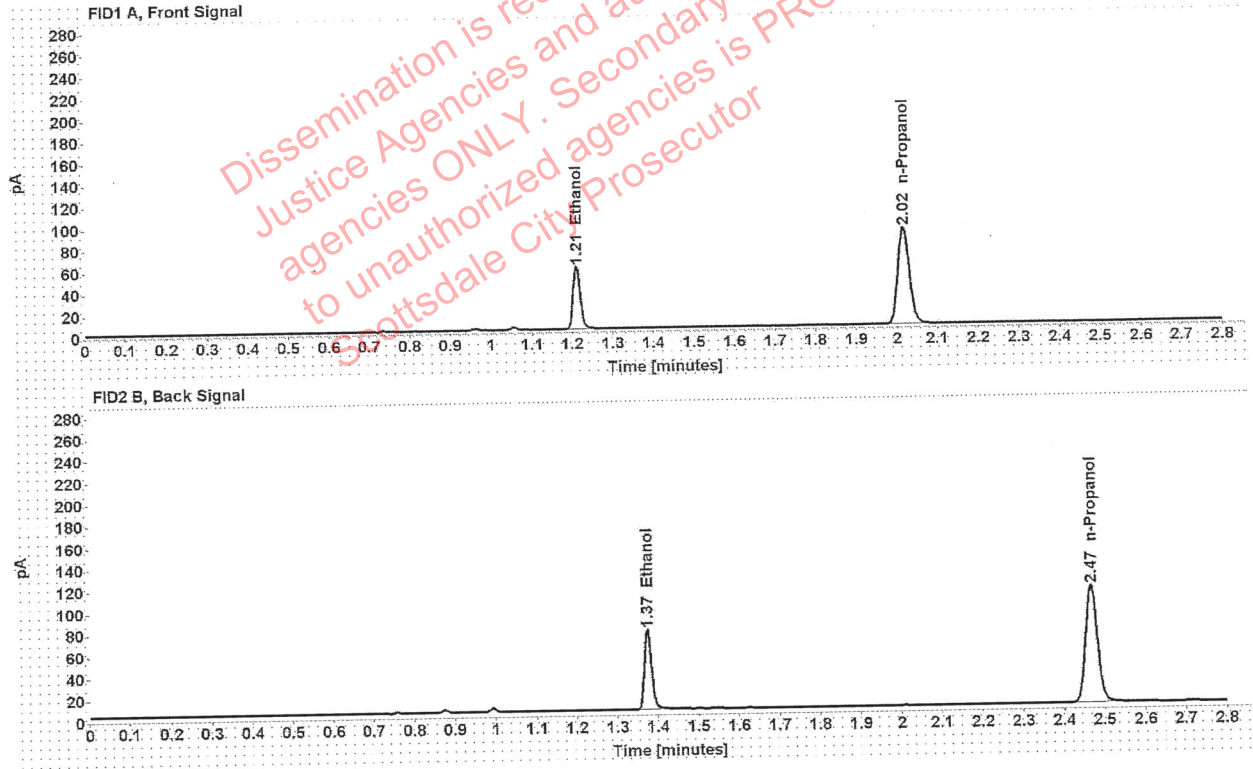


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1133	1.211	73.828
n-Propanol	-----	2.017	177.470

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

Compound	Time (min)	Peak Area
Ethanol	1.375	91.347
n-Propanol	2.467	218.786

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372455	Vial:	35
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:38:20 PM
Data file:	C:\Chem32\1\Data\25May21\35.D	Analyst:	Canonico

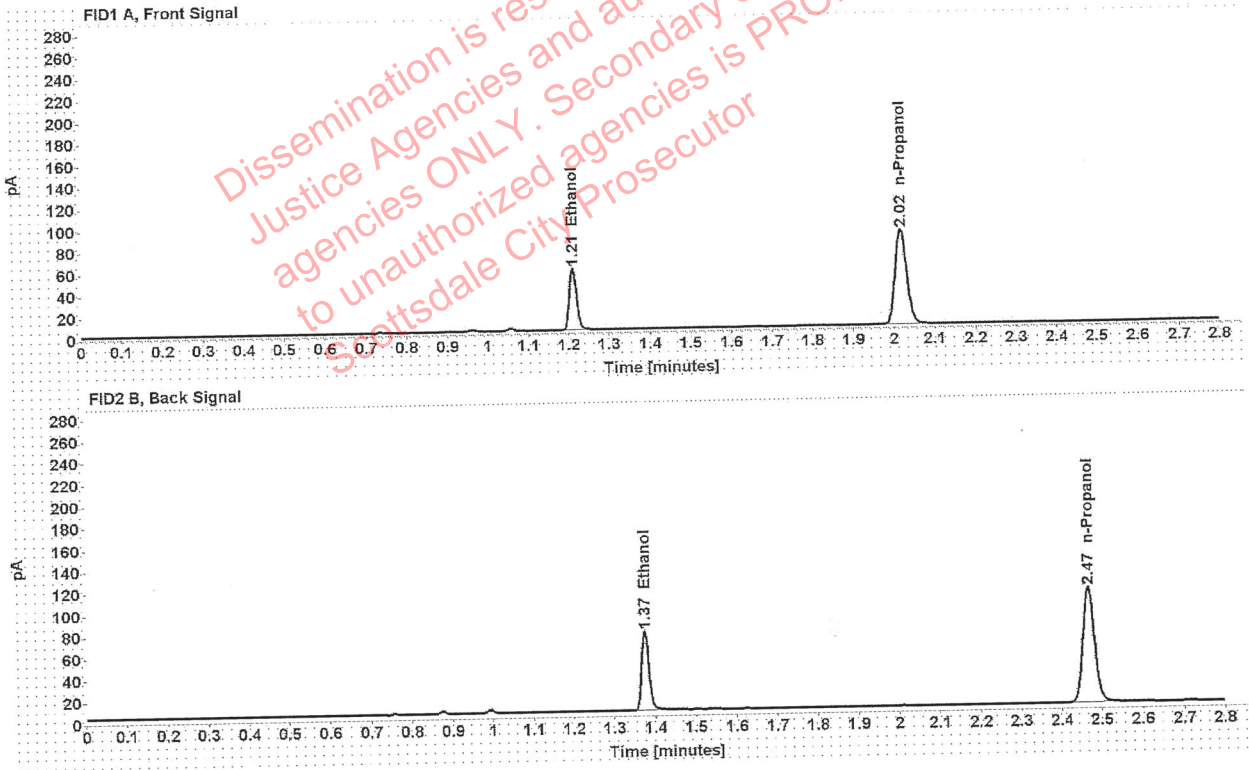


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1135	1.211	72.982
n-Propanol	-----	2.017	175.083

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

Compound	Time (min)	Peak Area
Ethanol	1.375	90.419
n-Propanol	2.467	215.621

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373417	Vial:	36
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:42:20 PM
Data file:	C:\Chem32\1\Data\25May21\36.D	Analyst:	Canonico

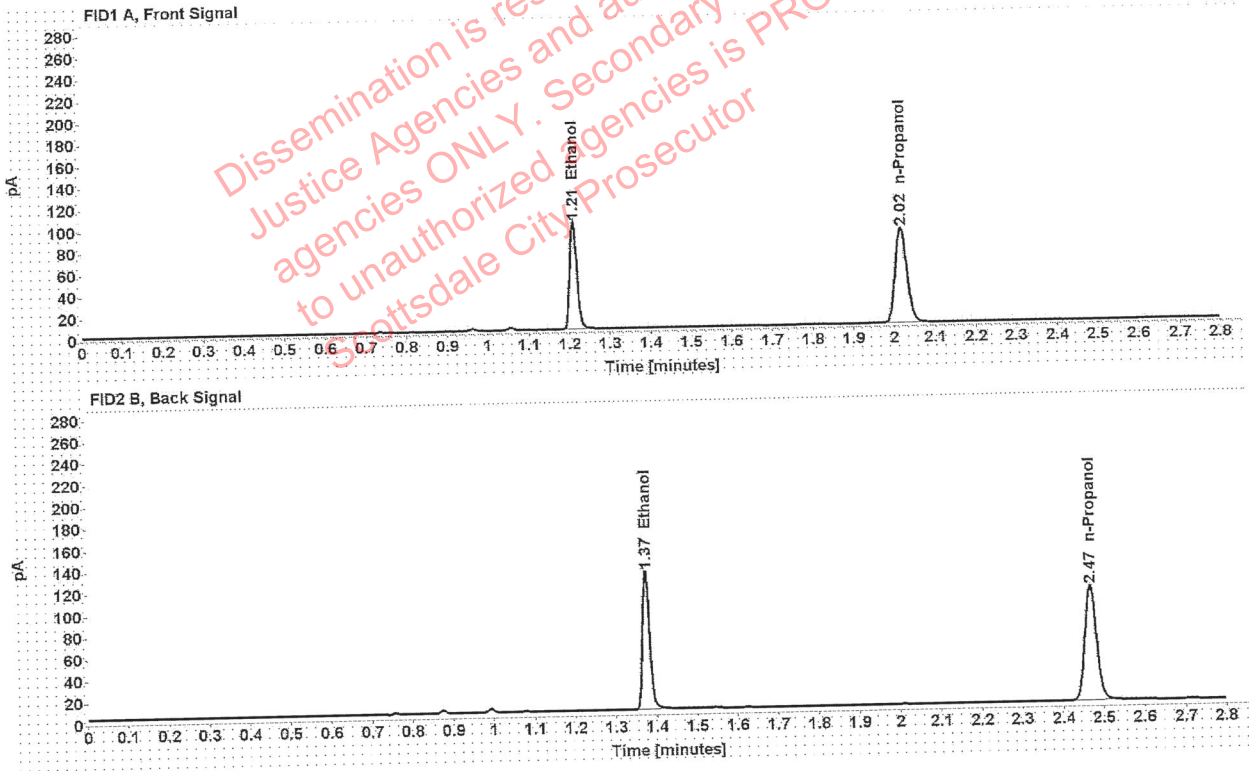


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1968	1.210	126.544
n-Propanol	-----	2.017	174.238

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.563
n-Propanol	2.467	214.697

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373417	Vial:	37
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:46:35 PM
Data file:	C:\Chem32\1\Data\25May21\37.D	Analyst:	Canonico

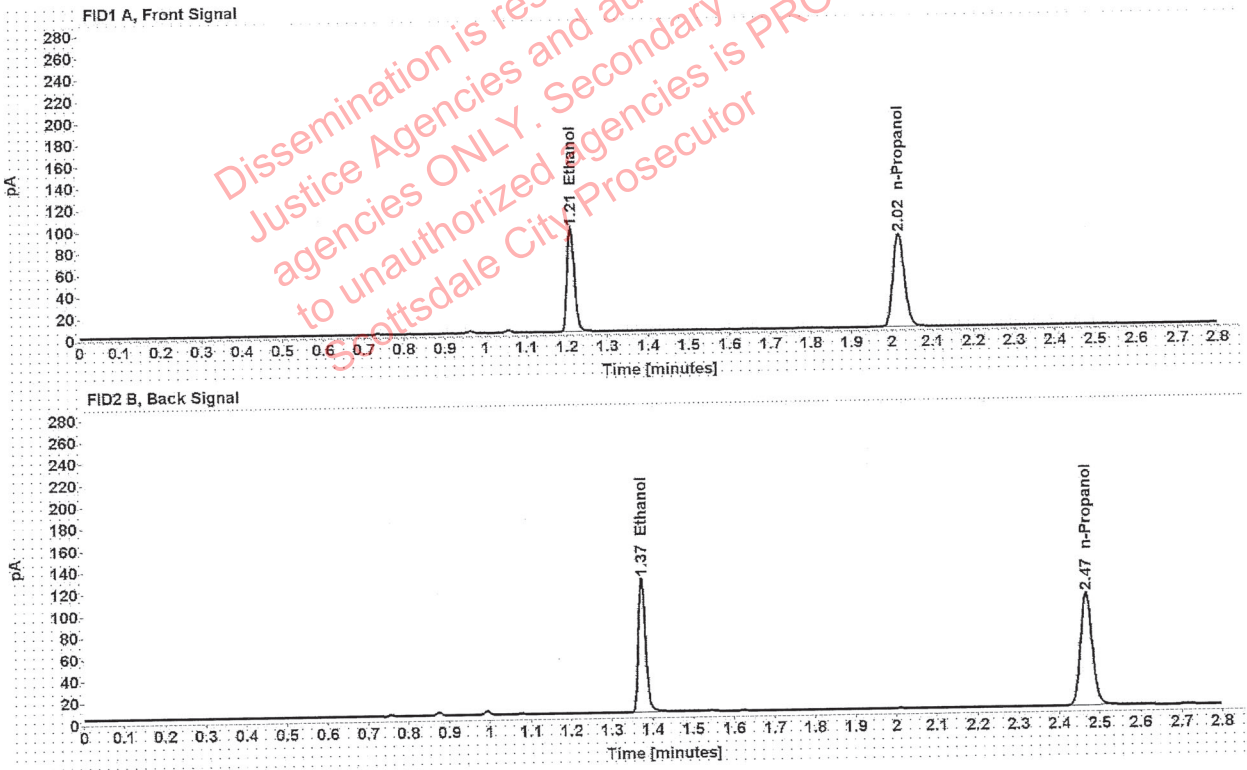


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1945	1.210	122.801
n-Propanol	-----	2.017	171.125

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

Compound	Time (min)	Peak Area
Ethanol	1.374	153.250
n-Propanol	2.467	210.918

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373514	Vial:	38
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:50:35 PM
Data file:	C:\Chem32\11\Data\25May21\38.D	Analyst:	Canonico

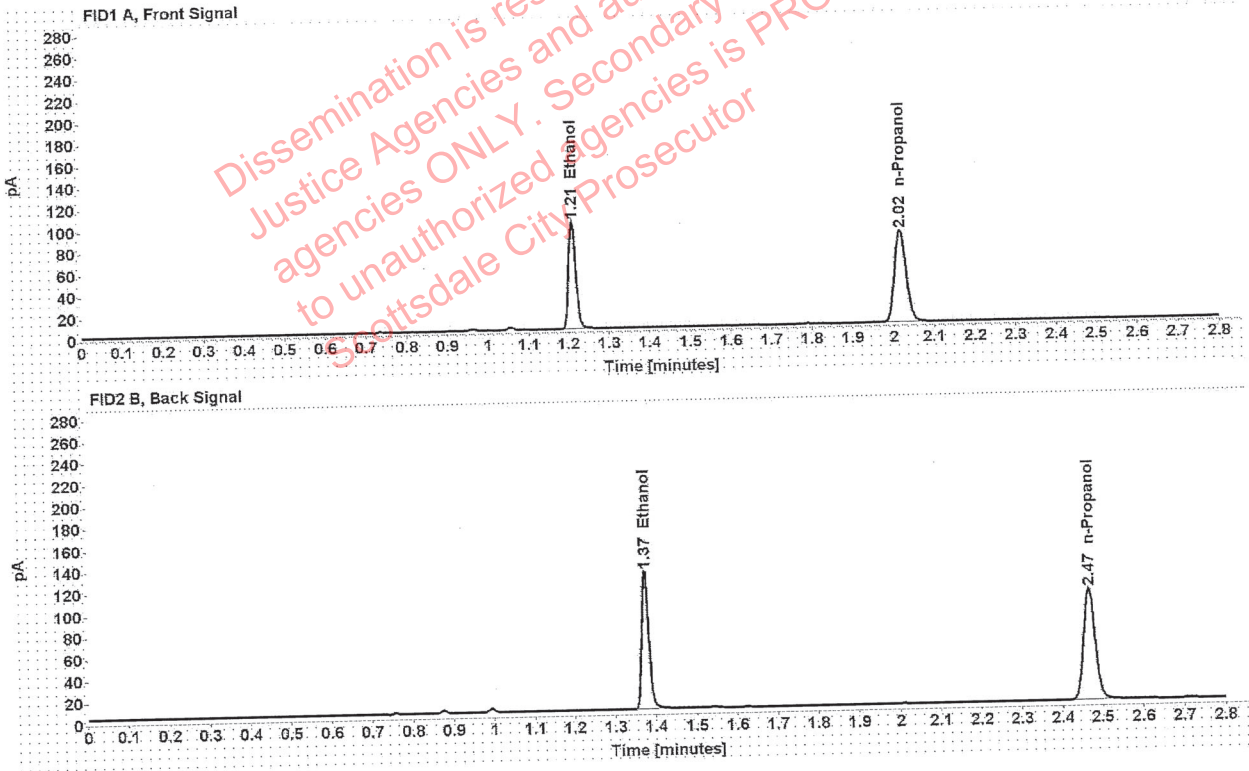


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2022	1.210	126.576
n-Propanol	-----	2.017	169.561

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.491
n-Propanol	2.467	208.820

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1373514	Vial: 39
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 5:54:35 PM
Data file: C:\Chem32\1\Data\25May21\39.D	Analyst: Canonico

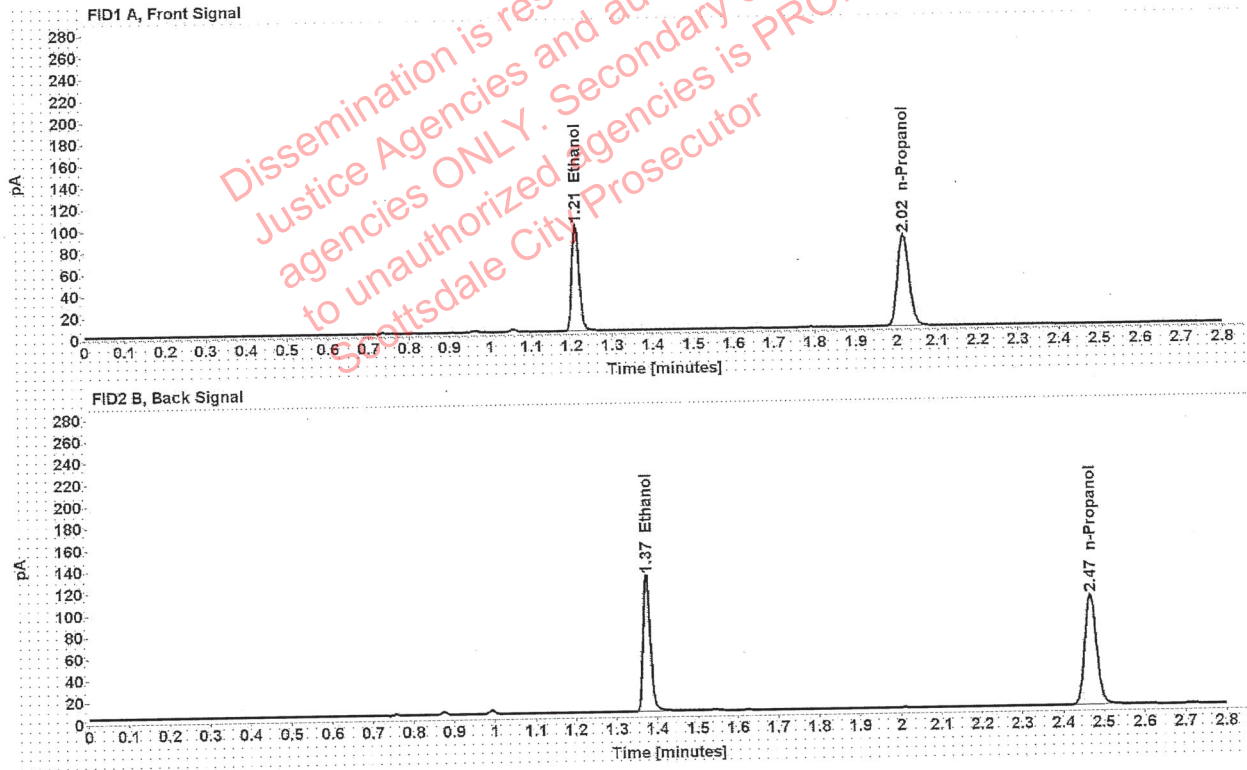


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2018	1.210	125.038
n-Propanol	-----	2.017	167.840

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

Compound	Time (min)	Peak Area
Ethanol	1.374	156.068
n-Propanol	2.467	206.851

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345723	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:58:35 PM
Data file:	C:\Chem32\1\Data\25May21\40.D	Analyst:	Canonico

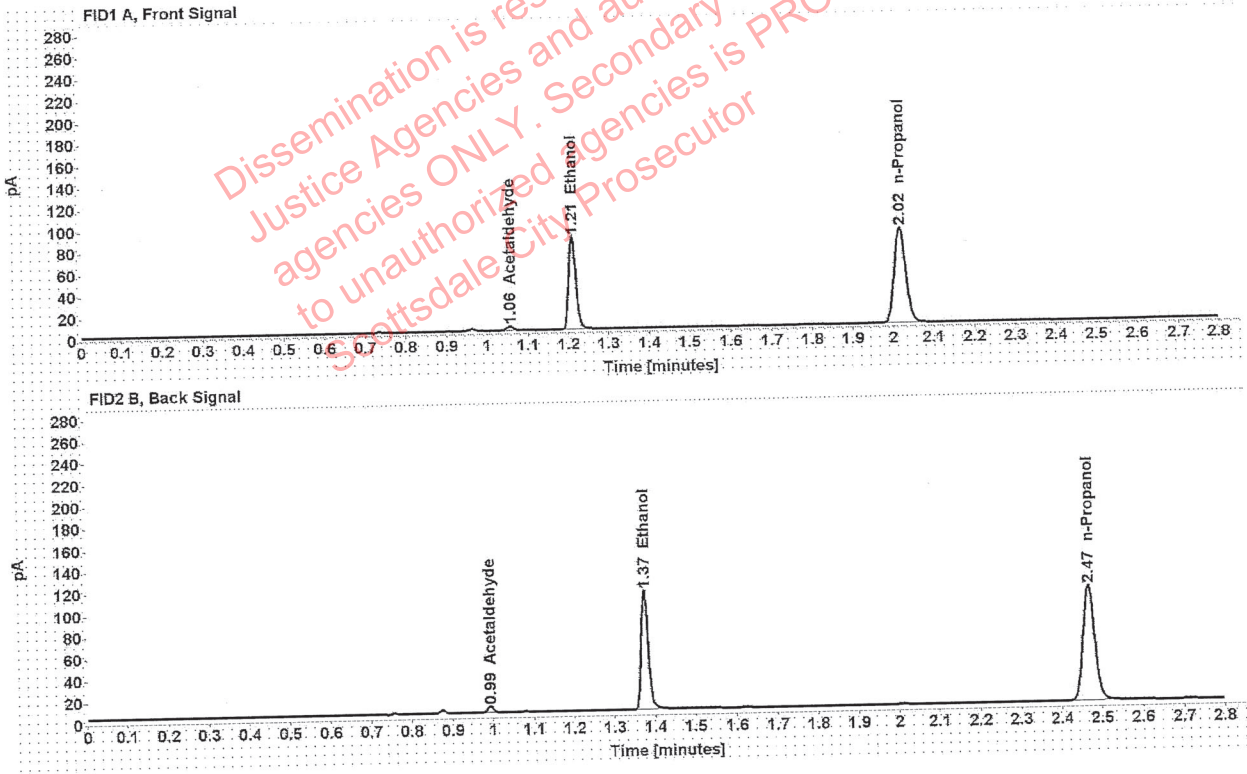


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.983
>Ethanol	0.1693	1.210	109.258
n-Propanol	-----	2.016	175.092

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.244
Ethanol	1.374	136.050
n-Propanol	2.467	216.271

[REDACTED]: Canonico, Erika - (26-May-2021)

Case: [REDACTED] User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345723	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:02:35 PM
Data file:	C:\Chem32\1\Data\25May21\41.D	Analyst:	Canonico

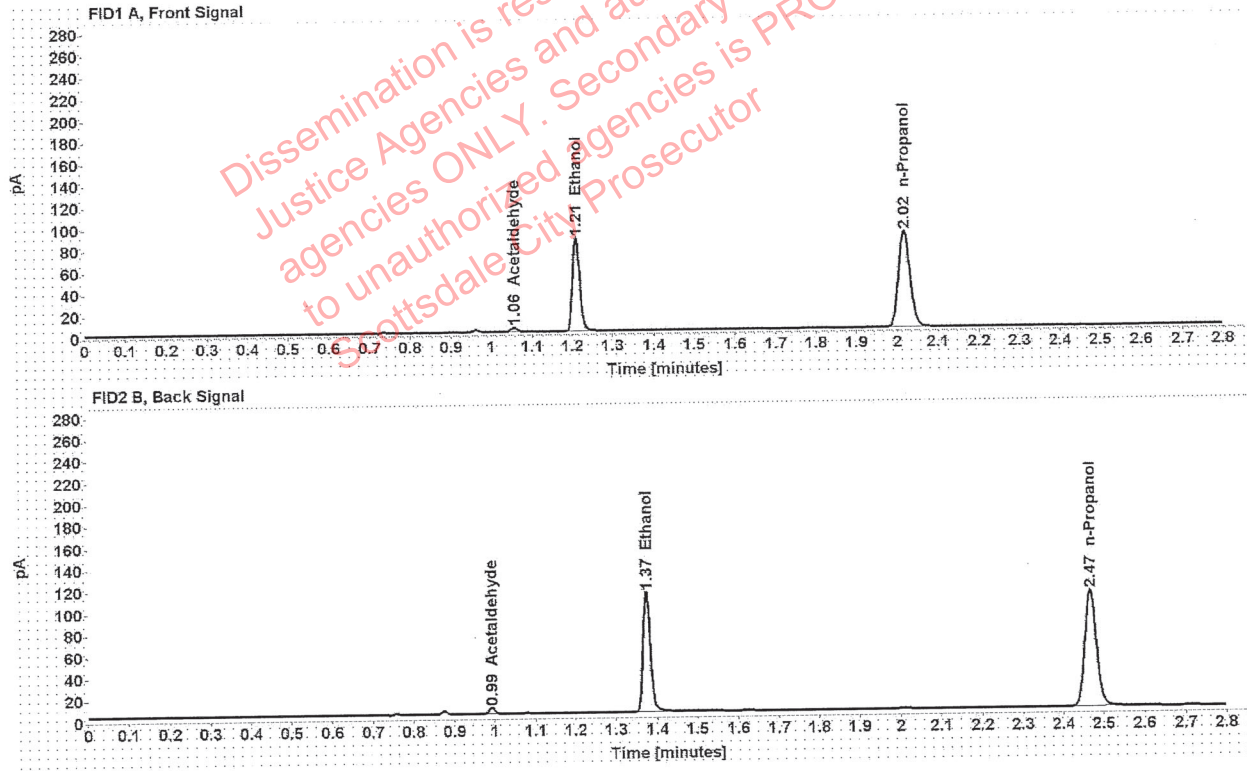


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.972
>Ethanol	0.1693	1.210	109.946
n-Propanol	-----	2.016	176.148

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.199
Ethanol	1.374	138.426
n-Propanol	2.467	217.674

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1370234	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:10:50 PM
Data file:	C:\Chem32\1\Data\25May21\43.D	Analyst:	Canonico

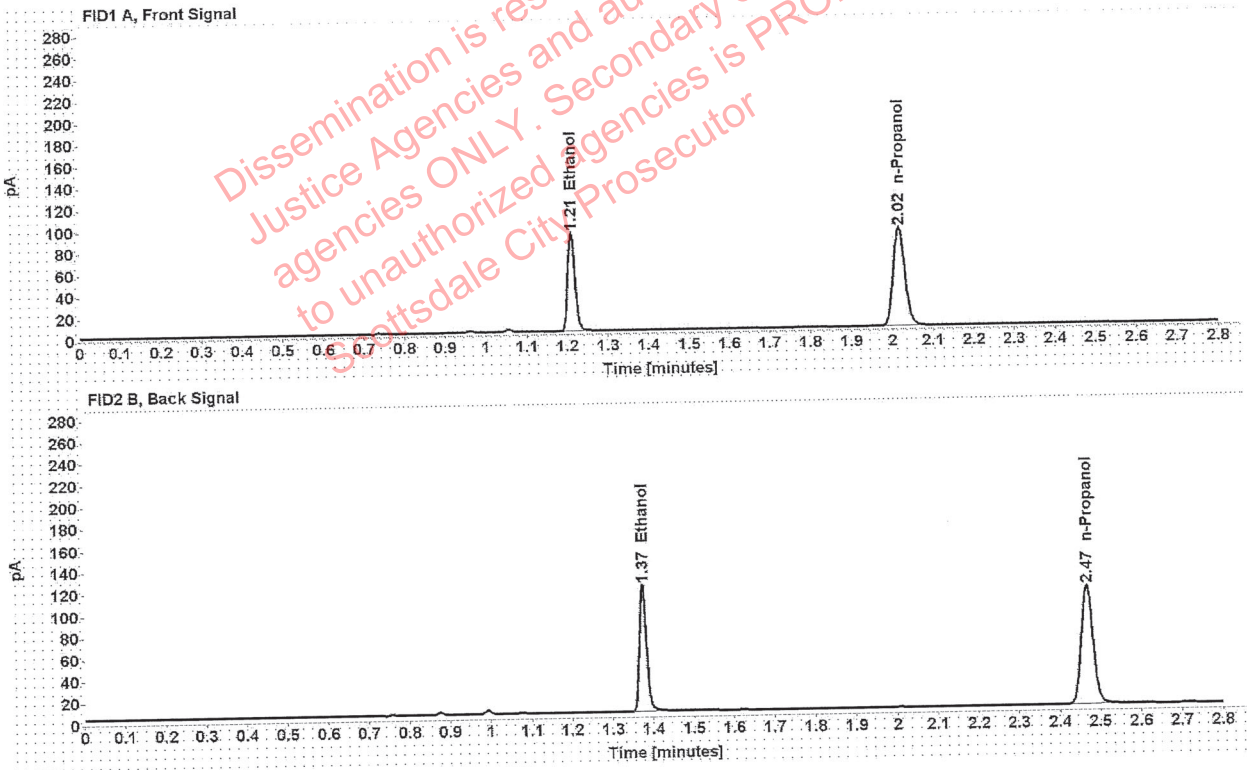


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1744	1.210	116.055
n-Propanol	-----	2.017	180.500

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

Compound	Time (min)	Peak Area
Ethanol	1.374	144.539
n-Propanol	2.467	222.561

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1370234	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:14:50 PM
Data file:	C:\Chem32\1\Data\25May21\44.D	Analyst:	Canonico

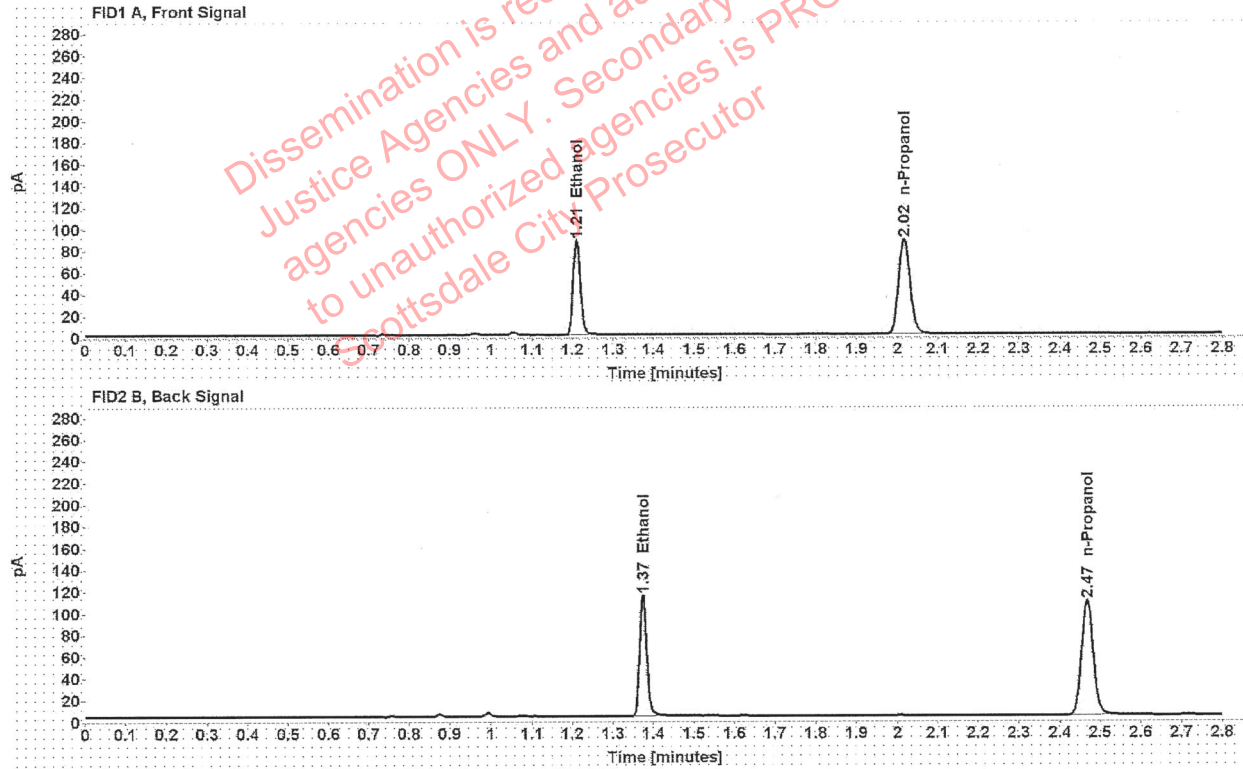


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1727	1.210	111.185
n-Propanol	-----	2.017	174.575

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

Compound	Time (min)	Peak Area
Ethanol	1.374	138.238
n-Propanol	2.467	215.158

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373792	Vial:	45
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:18:49 PM
Data file:	C:\Chem32\1\Data\25May21\45.D	Analyst:	Canonico

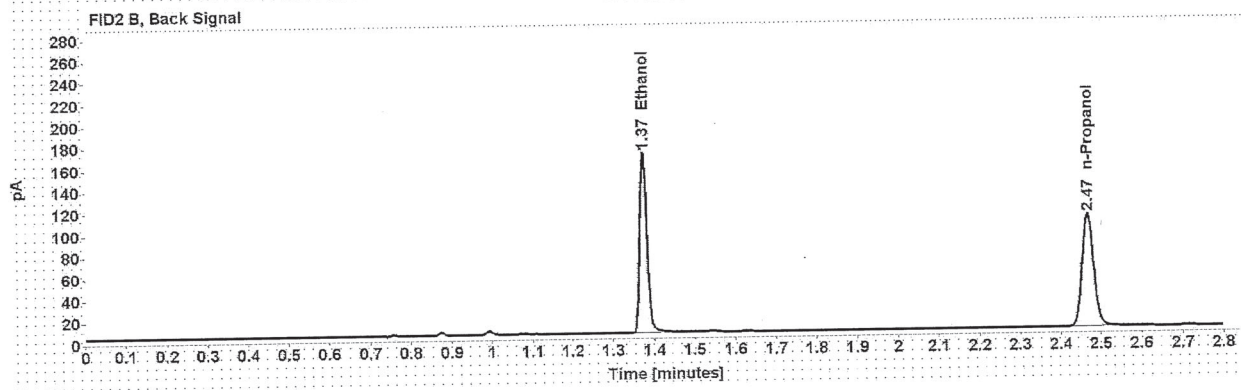
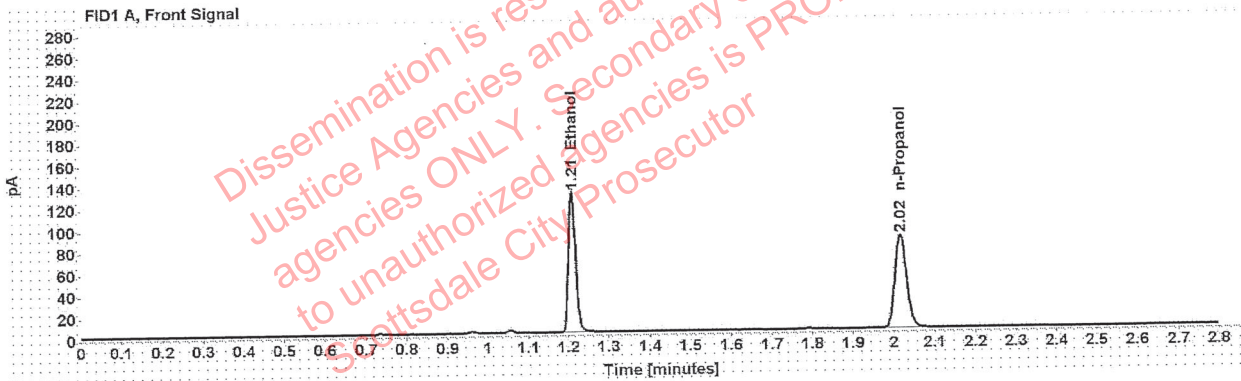


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2598	1.210	164.642
n-Propanol	-----	2.017	171.464

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

Compound	Time (min)	Peak Area
Ethanol	1.374	205.736
n-Propanol	2.467	211.008

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373792	Vial:	46
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:22:51 PM
Data file:	C:\Chem32\1\Data\25May21\46.D	Analyst:	Canonico

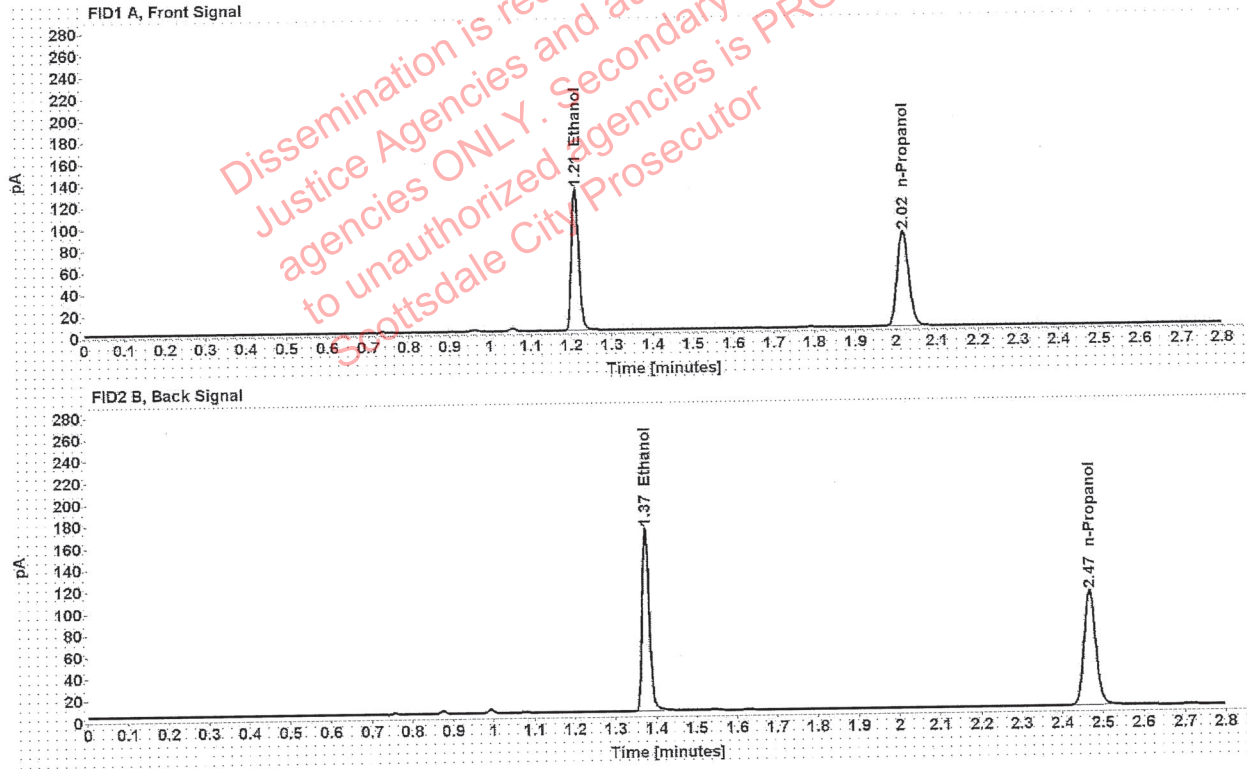


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2589	1.210	166.906
n-Propanol	-----	2.017	174.391

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

Compound	Time (min)	Peak Area
Ethanol	1.374	208.403
n-Propanol	2.467	214.826

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373333	Vial:	47
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:26:50 PM
Data file:	C:\Chem32\1\Data\25May21\47.D	Analyst:	Canonico

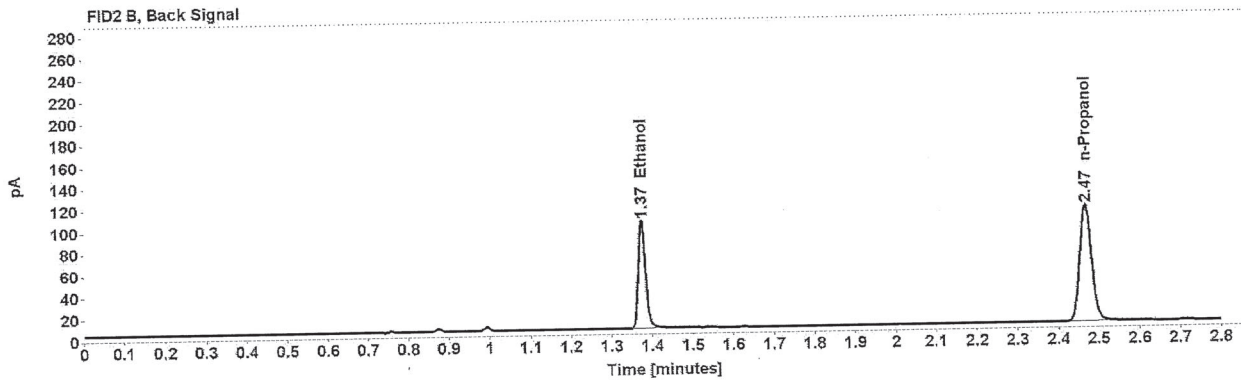
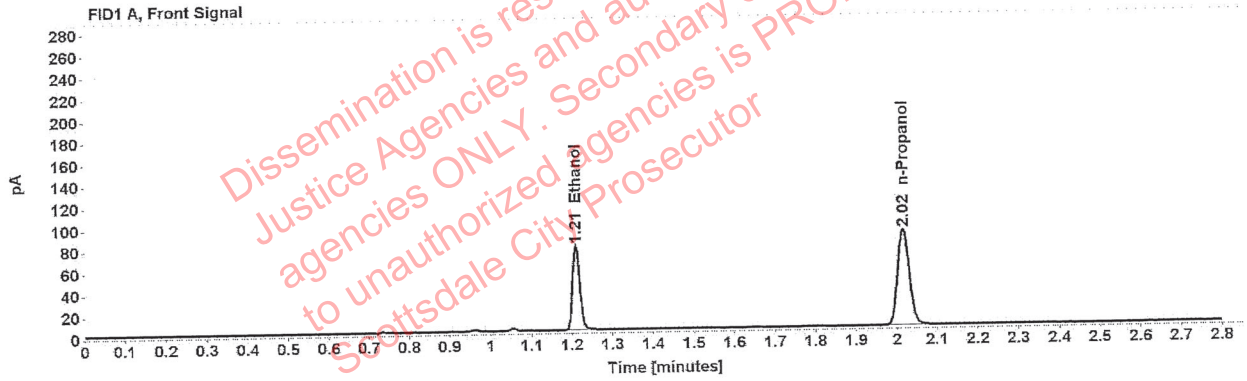


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1525	1.210	99.636
n-Propanol	-----	2.016	177.400

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

Compound	Time (min)	Peak Area
Ethanol	1.374	123.960
n-Propanol	2.467	218.445

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373333	Vial:	48
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:30:50 PM
Data file:	C:\Chem32\1\Data\25May21\48.D	Analyst:	Canonico

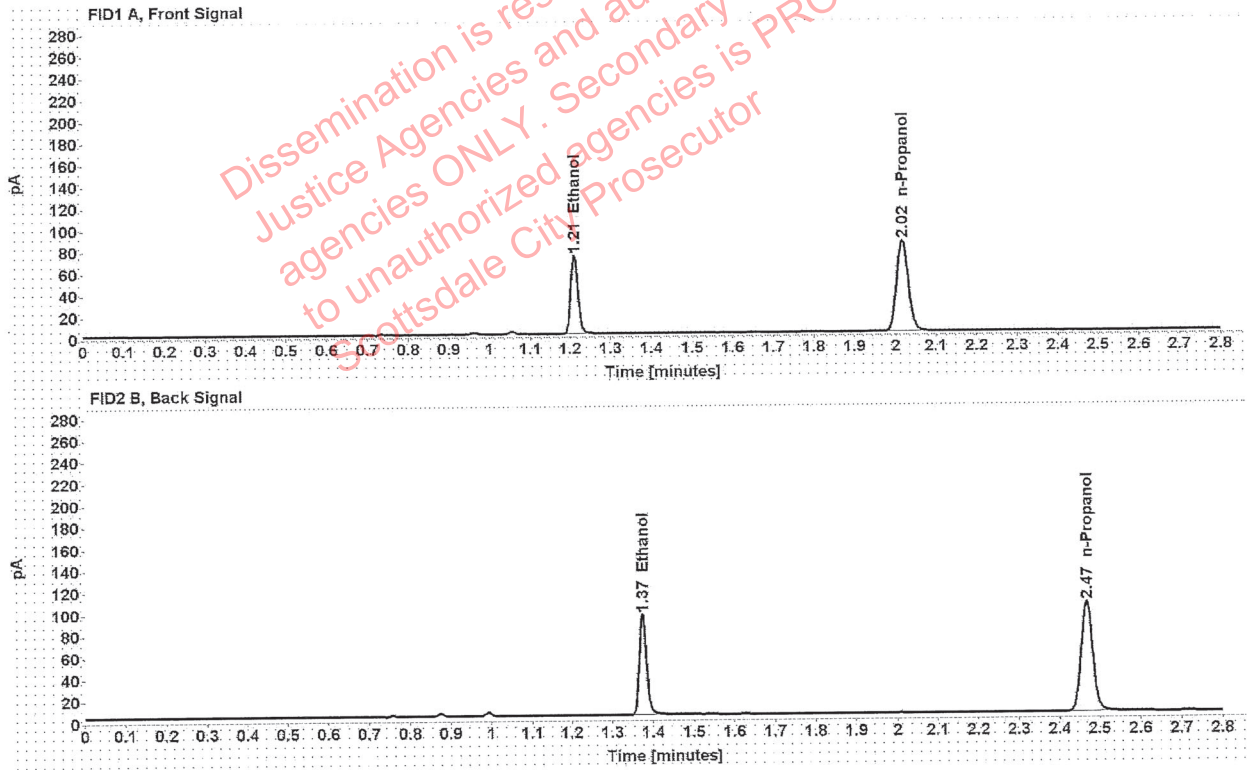


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1504	1.210	92.716
n-Propanol	-----	2.016	167.315

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

Compound	Time (min)	Peak Area
Ethanol	1.374	115.259
n-Propanol	2.467	206.007

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373424	Vial:	49
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:35:05 PM
Data file:	C:\Chem32\1\Data\25May21\49.D	Analyst:	Canonico

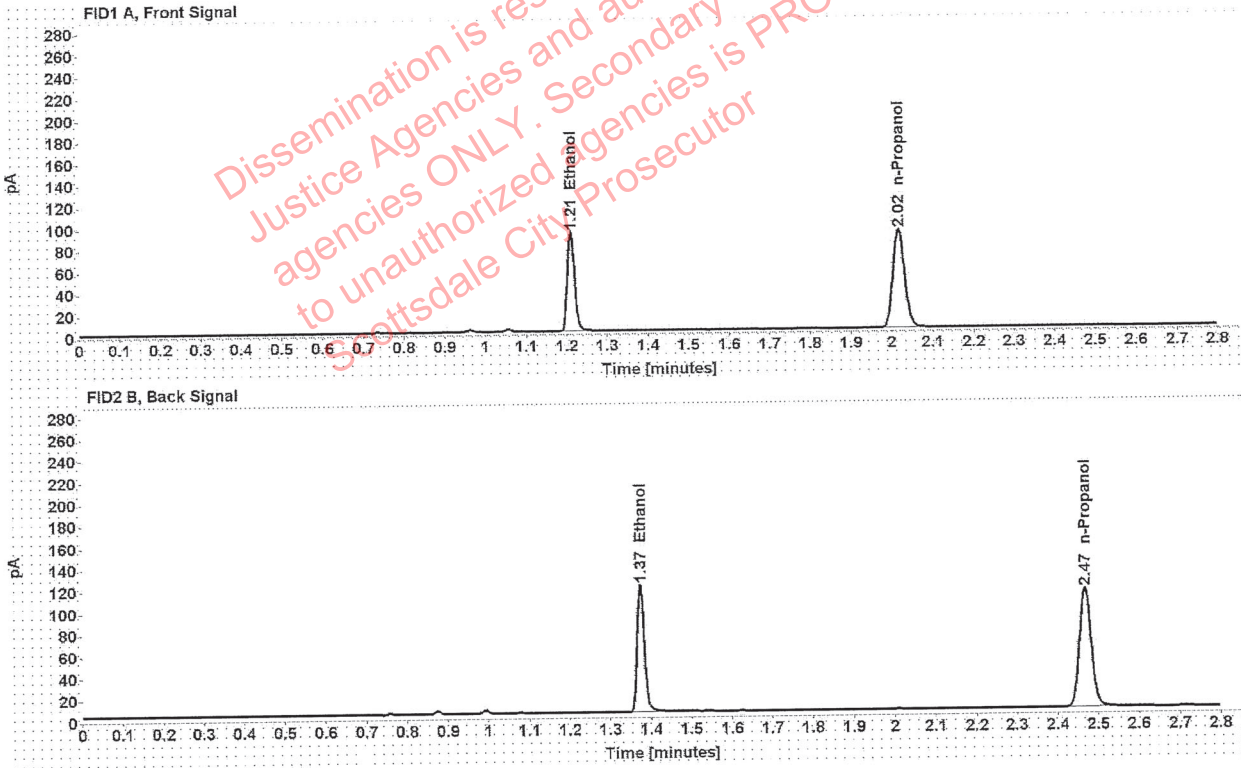


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1753	1.210	116.773
n-Propanol	-----	2.017	180.625

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

Compound	Time (min)	Peak Area
Ethanol	1.374	145.769
n-Propanol	2.467	222.666

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373424	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:39:05 PM
Data file:	C:\Chem32\1\Data\25May21\50.D	Analyst:	Canonico

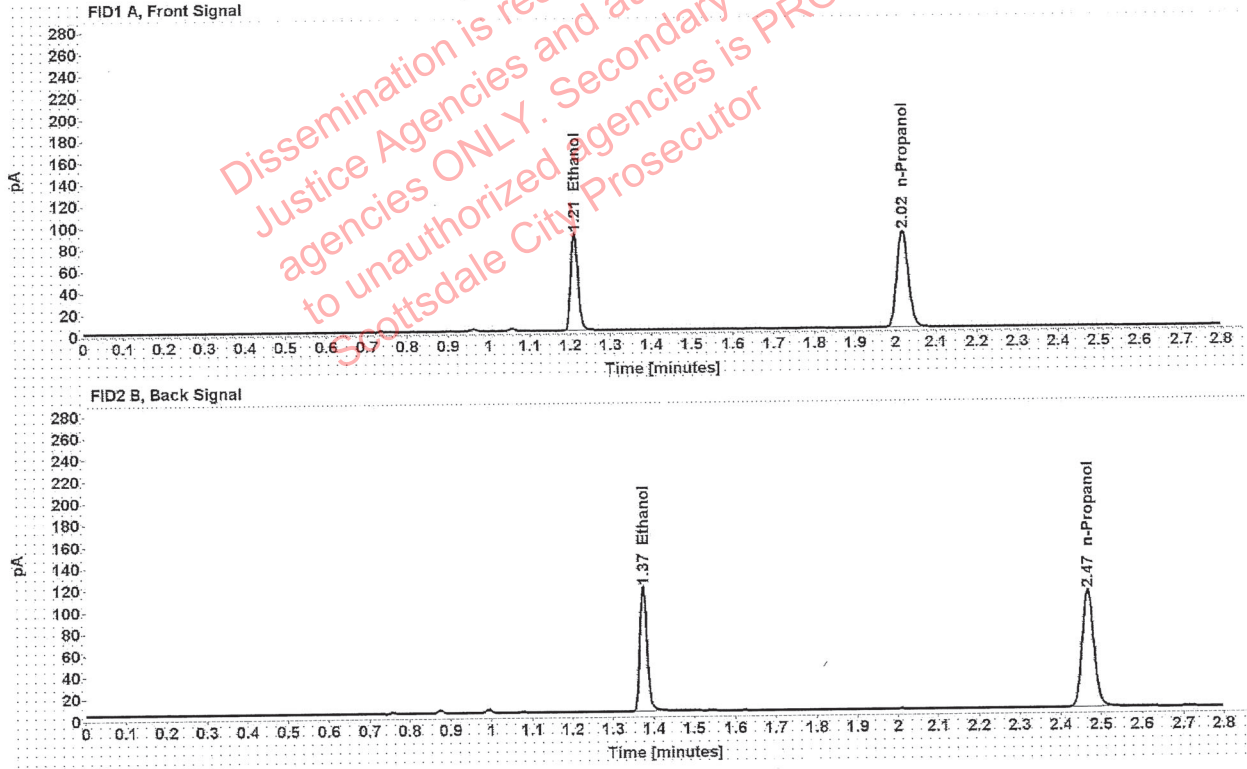


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1742	1.210	114.331
n-Propanol	-----	2.017	177.962

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

Compound	Time (min)	Peak Area
Ethanol	1.374	142.314
n-Propanol	2.468	219.187

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373493	Vial:	51
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:43:05 PM
Data file:	C:\Chem32\1\Data\25May21\51.D	Analyst:	Canonico

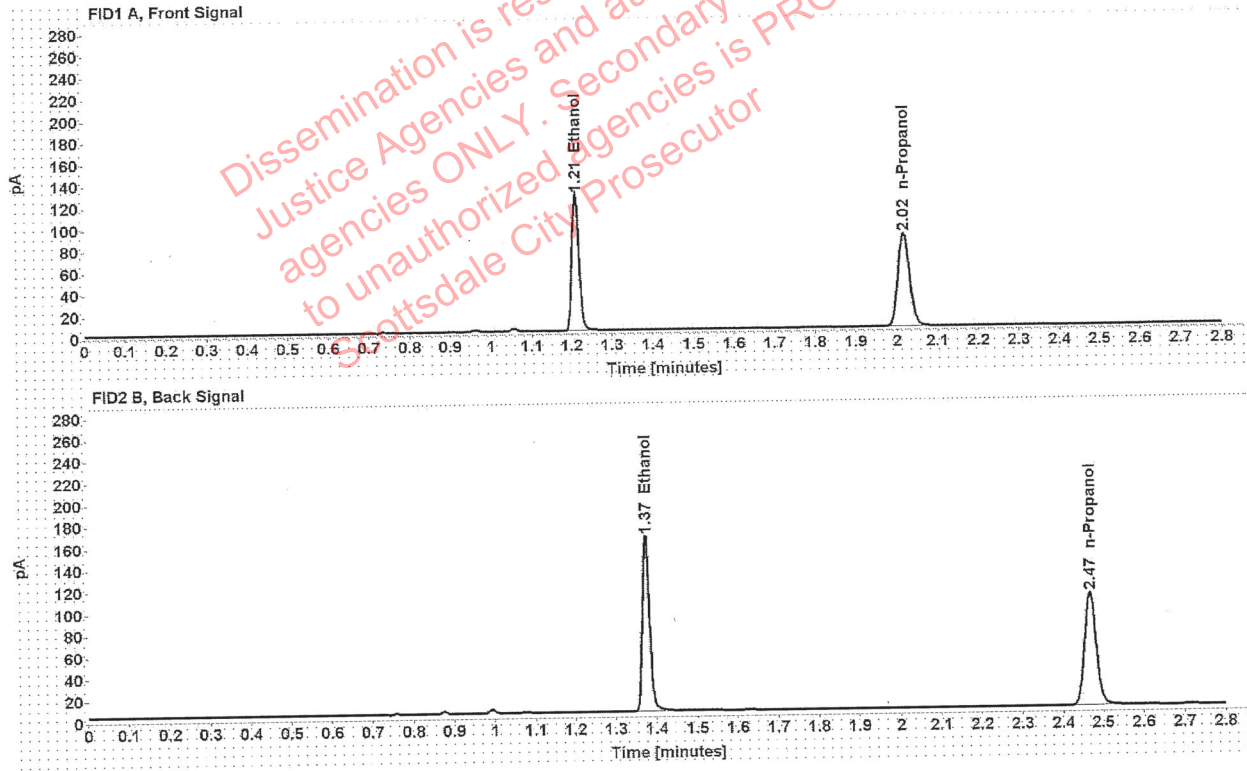


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2534	1.210	160.196
n-Propanol	-----	2.017	171.057

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

Compound	Time (min)	Peak Area
Ethanol	1.374	200.129
n-Propanol	2.467	210.841

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1373493	Vial: 52
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 6:47:05 PM
Data file: C:\Chem32\1\Data\25May21\52.D	Analyst: Canonico

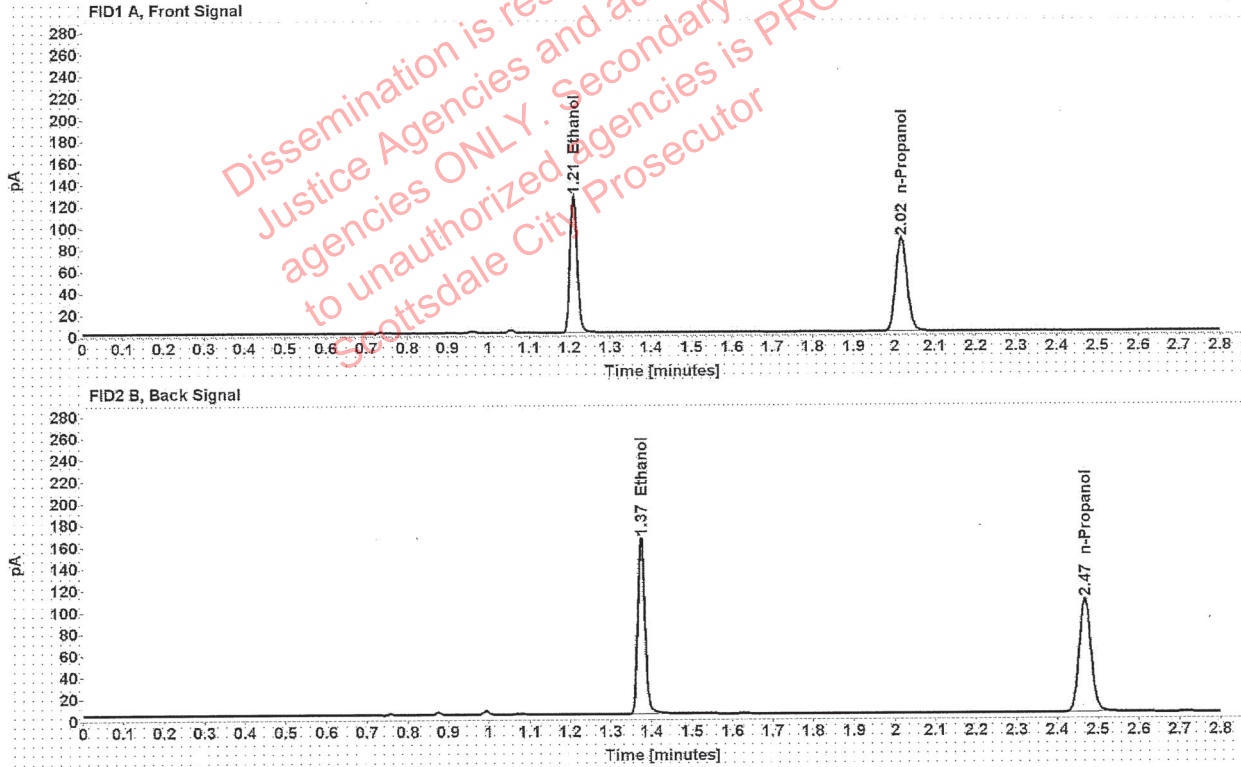


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2521	1.210	160.444
n-Propanol	-----	2.017	172.168

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

Compound	Time (min)	Peak Area
Ethanol	1.374	200.530
n-Propanol	2.468	212.047

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1373218	Vial: 54
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 6:55:05 PM
Data file: C:\Chem32\1\Data\25May21\54.D	Analyst: Canonico

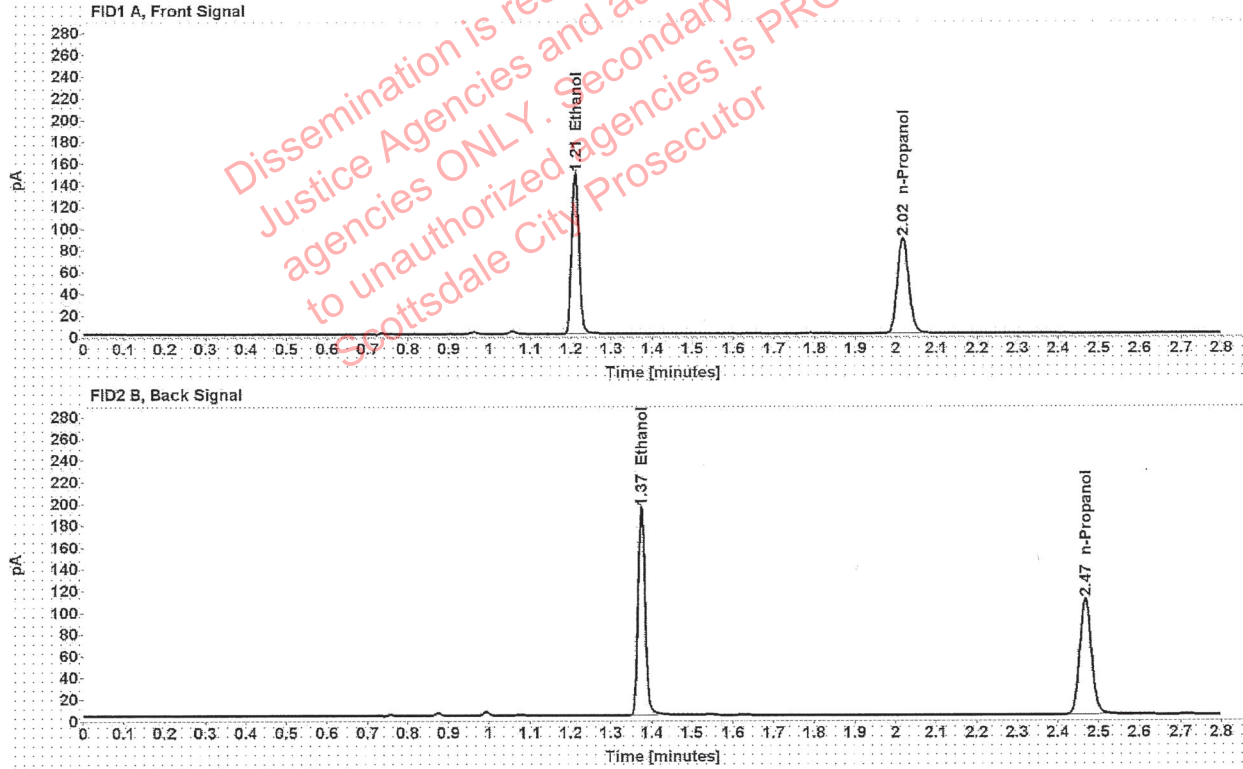


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2910	1.210	189.048
n-Propanol	-----	2.017	175.683

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

Compound	Time (min)	Peak Area
Ethanol	1.374	236.118
n-Propanol	2.467	216.613

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373218	Vial:	55
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:59:20 PM
Data file:	C:\Chem32\1\Data\25May21\55.D	Analyst:	Canonico

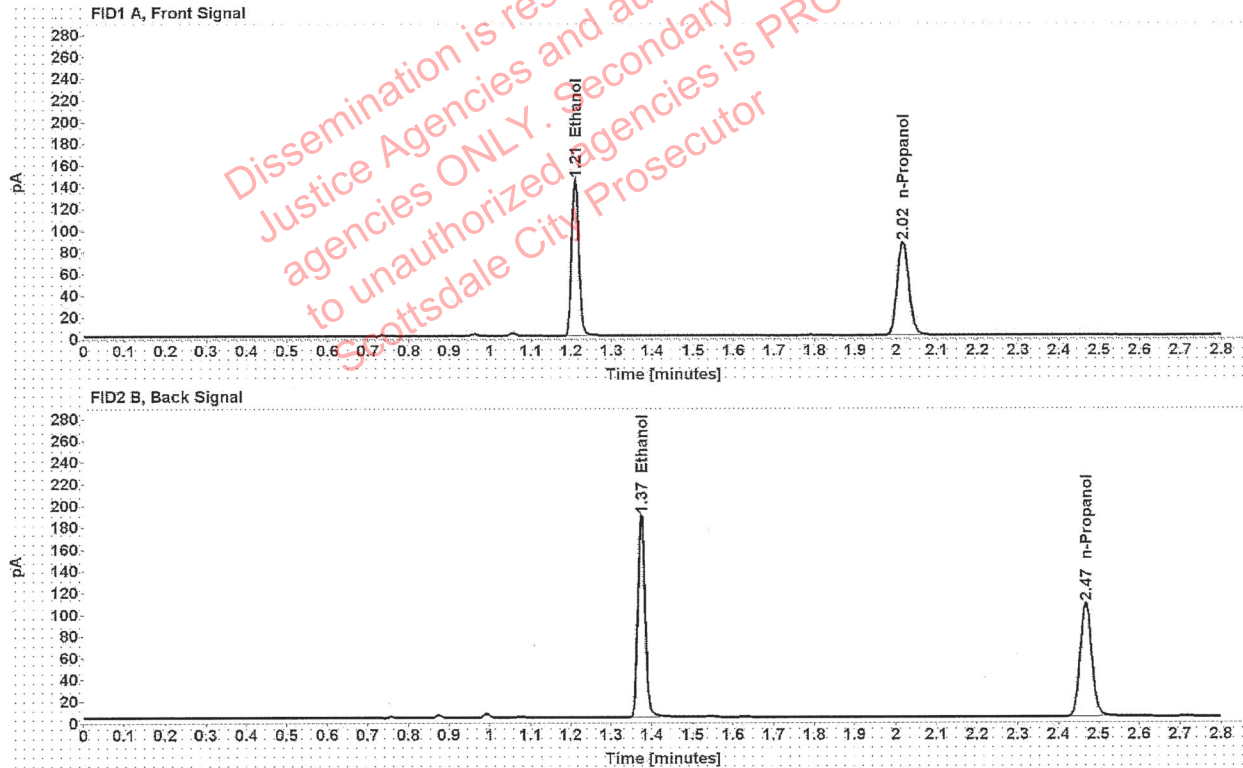


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2895	1.210	184.164
n-Propanol	-----	2.016	171.995

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

Compound	Time (min)	Peak Area
Ethanol	1.374	229.907
n-Propanol	2.467	211.934

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1374026	Vial:	56
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 7:03:20 PM
Data file:	C:\Chem32\1\Data\25May21\56.D	Analyst:	Canonico

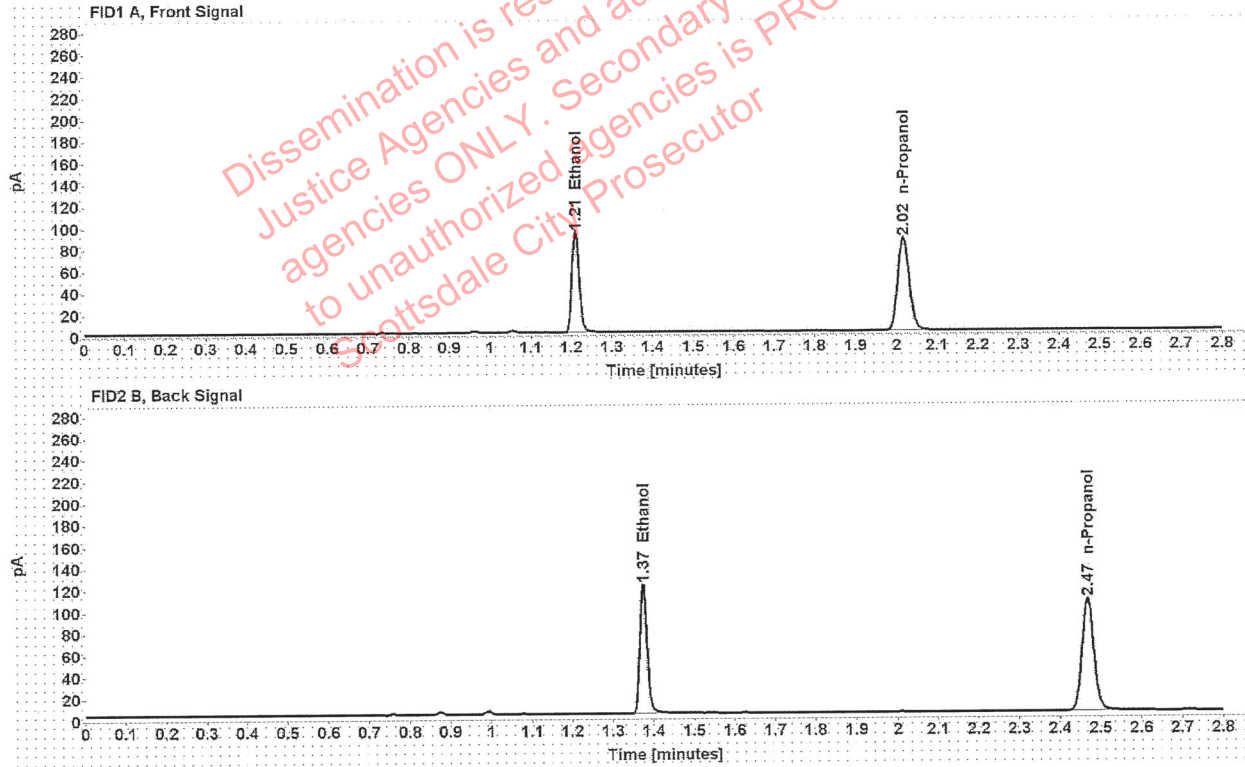


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1881	1.210	118.546
n-Propanol	-----	2.017	170.818

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

Compound	Time (min)	Peak Area
Ethanol	1.374	147.674
n-Propanol	2.467	210.872

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1374026	Vial:	57
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 7:07:20 PM
Data file:	C:\Chem32\1\Data\25May21\57.D	Analyst:	Canonico

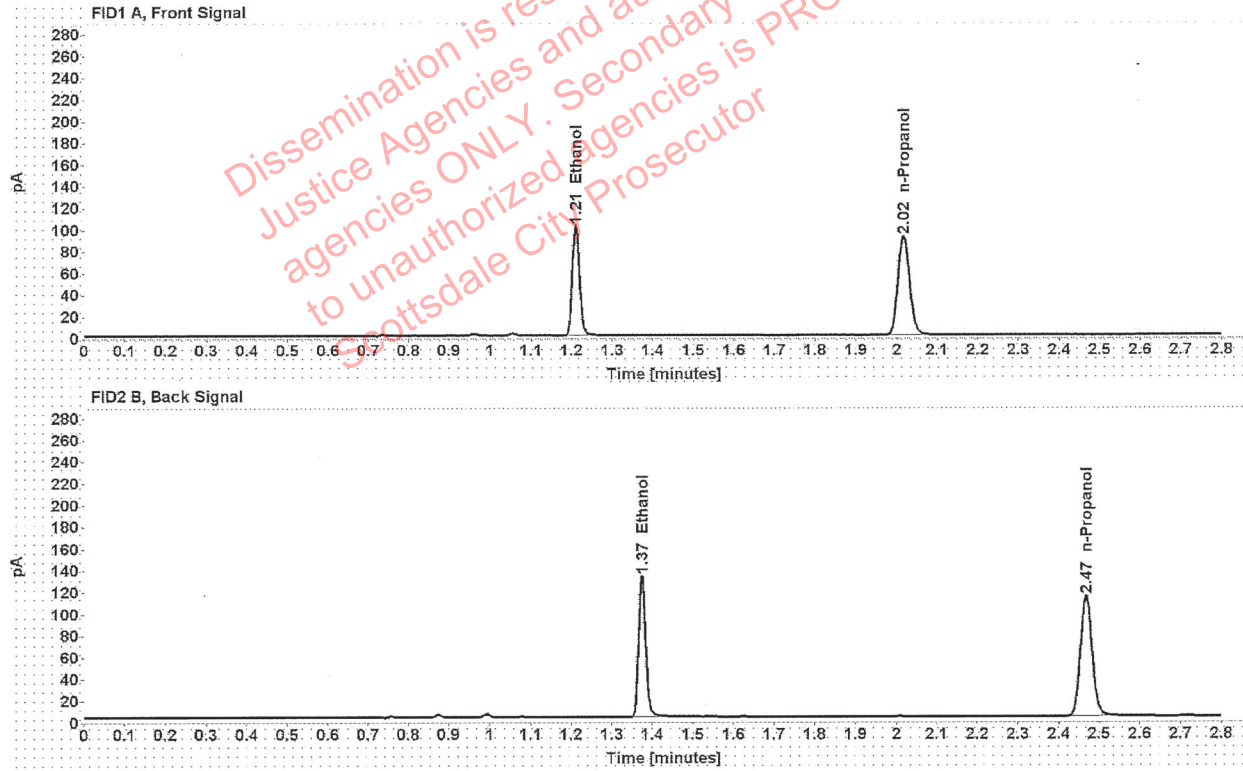


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1917	1.210	128.974
n-Propanol	-----	2.017	182.320

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

Compound	Time (min)	Peak Area
Ethanol	1.374	161.115
n-Propanol	2.467	225.177

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373592	Vial:	58
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 7:11:20 PM
Data file:	C:\Chem32\11\Data\25May21\58.D	Analyst:	Canonico

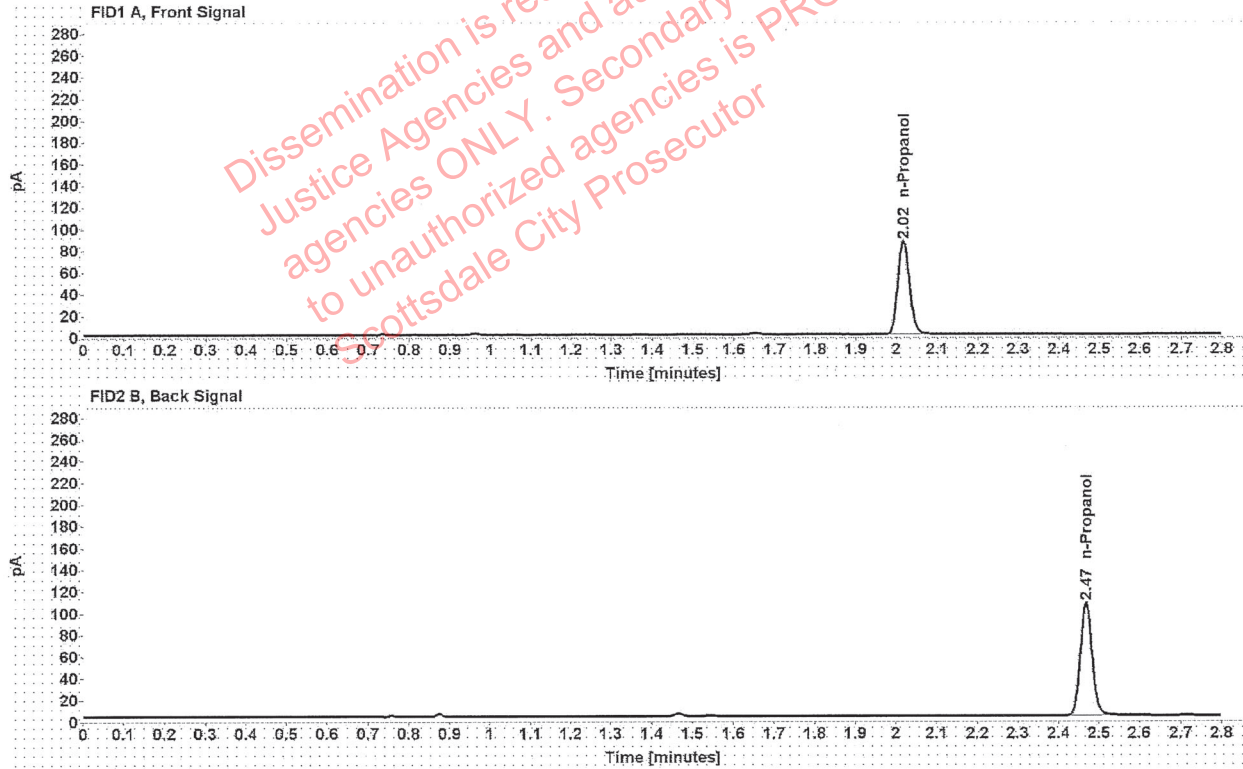


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	171.140

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	211.450

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1373592	Vial: 59
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 7:15:20 PM
Data file: C:\Chem32\1\Data\25May21\59.D	Analyst: Canonico

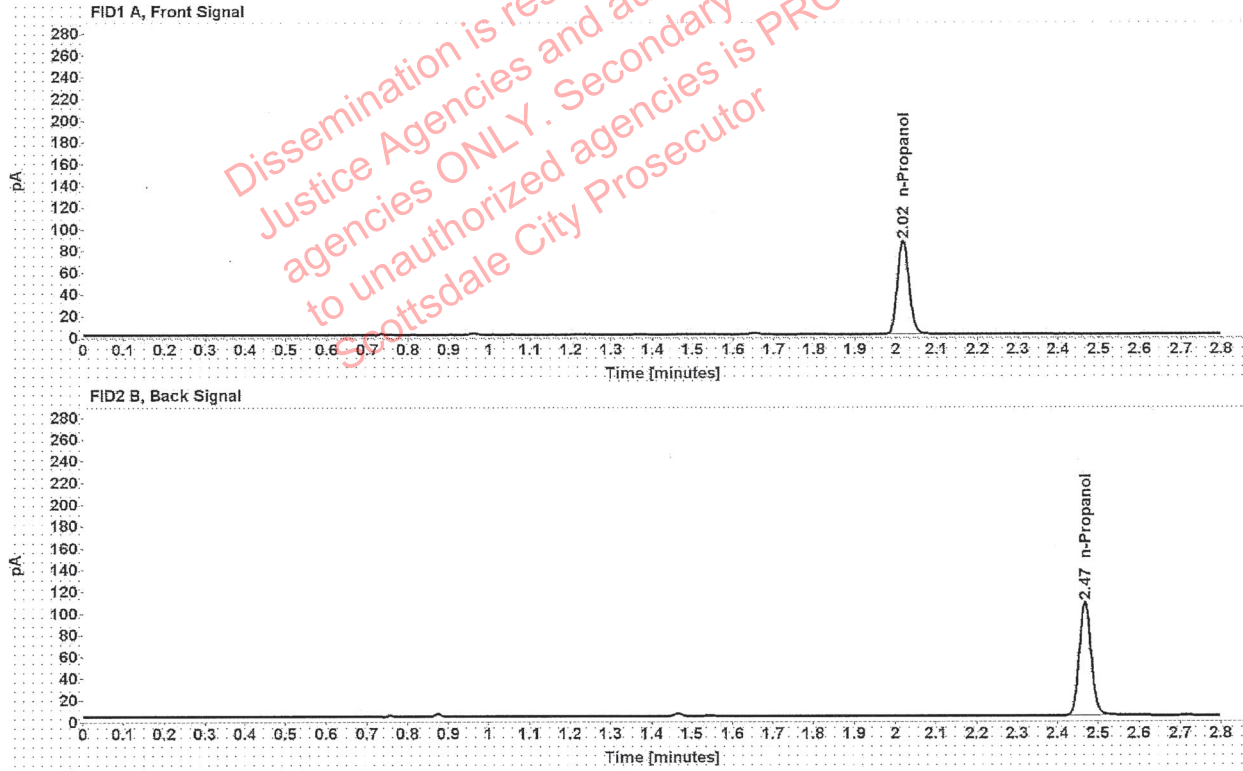


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	172.516

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	213.176

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1374001	Vial:	60
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 7:19:20 PM
Data file:	C:\Chem32\1\Data\25May21\60.D	Analyst:	Canonico

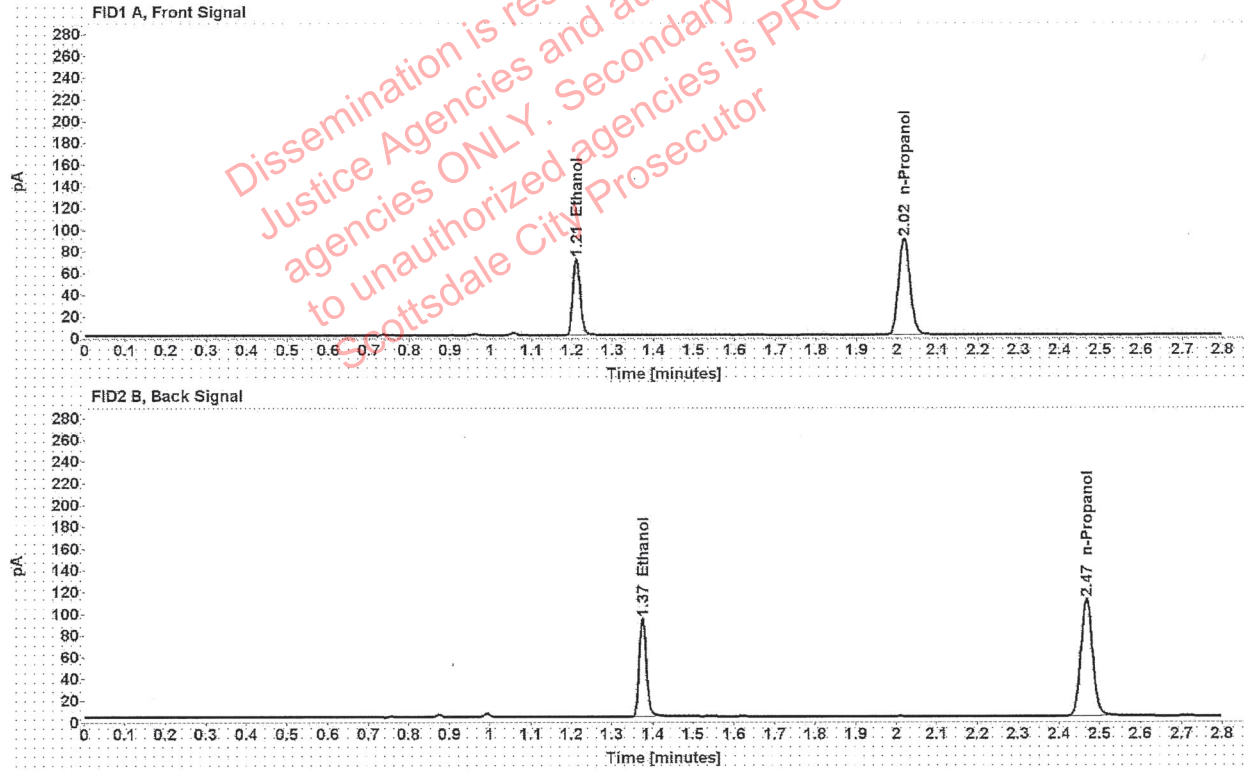


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1386	1.210	90.605
n-Propanol	-----	2.017	177.626

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

Compound	Time (min)	Peak Area
Ethanol	1.374	112.541
n-Propanol	2.467	219.430

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1374001	Vial: 61
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 7:23:35 PM
Data file: C:\Chem32\1\Data\25May21\61.D	Analyst: Canonico

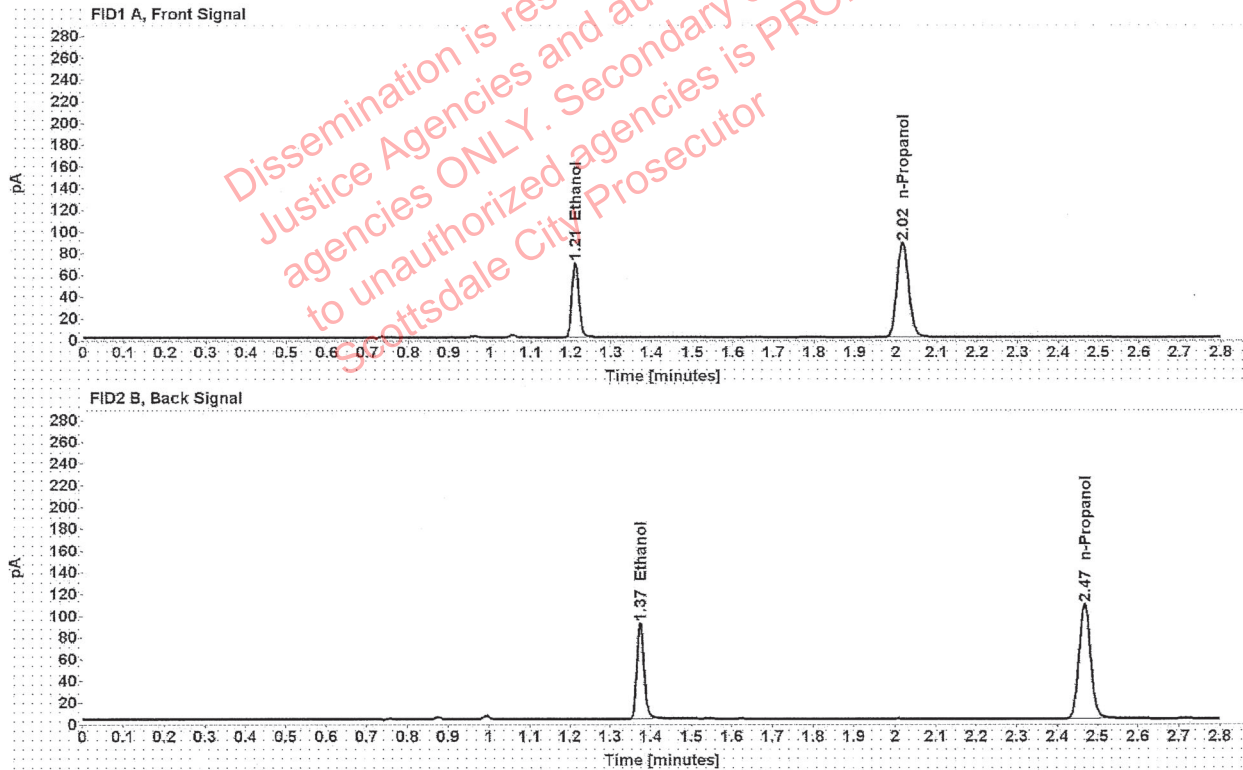


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1377	1.210	88.437
n-Propanol	-----	2.017	174.443

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

Compound	Time (min)	Peak Area
Ethanol	1.374	109.964
n-Propanol	2.467	215.369

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372249	Vial:	62
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 7:27:35 PM
Data file:	C:\Chem32\1\Data\25May21\62.D	Analyst:	Canonico

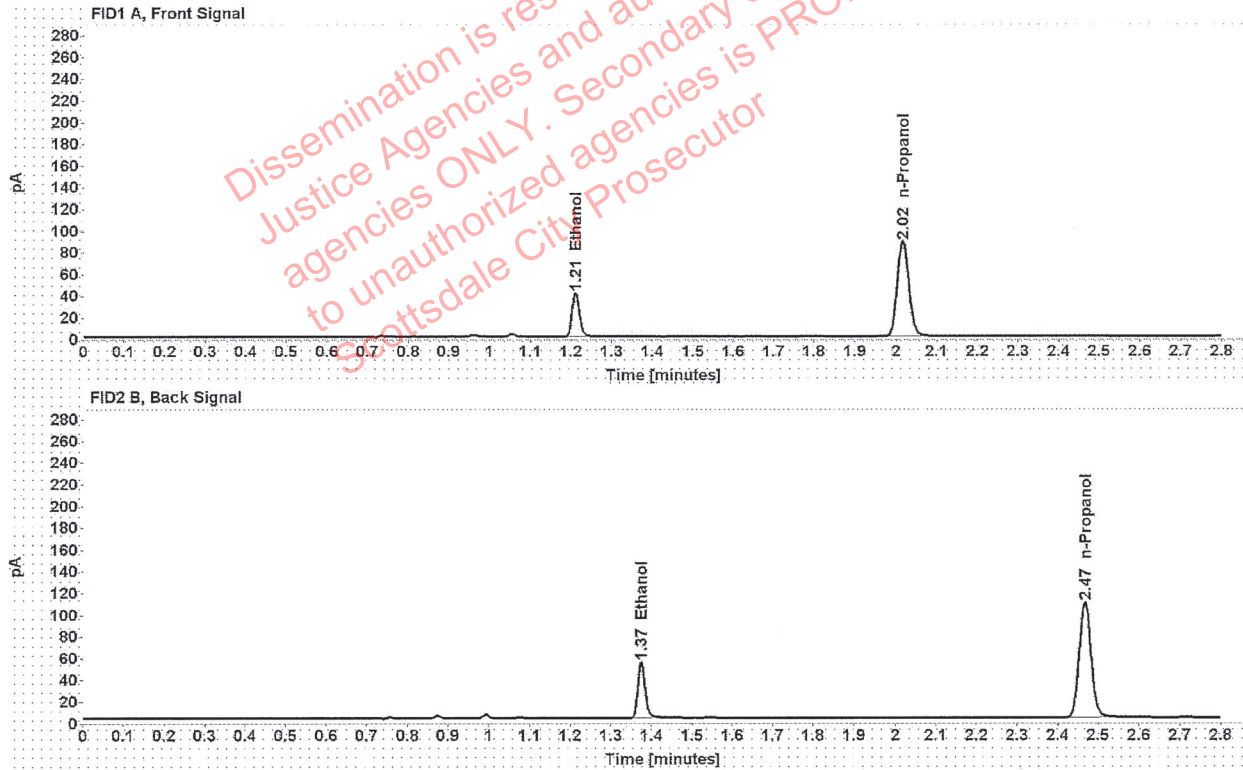


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.211	51.782
n-Propanol	-----	2.016	175.445

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

Compound	Time (min)	Peak Area
Ethanol	1.375	64.169
n-Propanol	2.467	216.622

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372249	Vial:	63
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 7:31:35 PM
Data file:	C:\Chem32\1\Data\25May21\63.D	Analyst:	Canonico

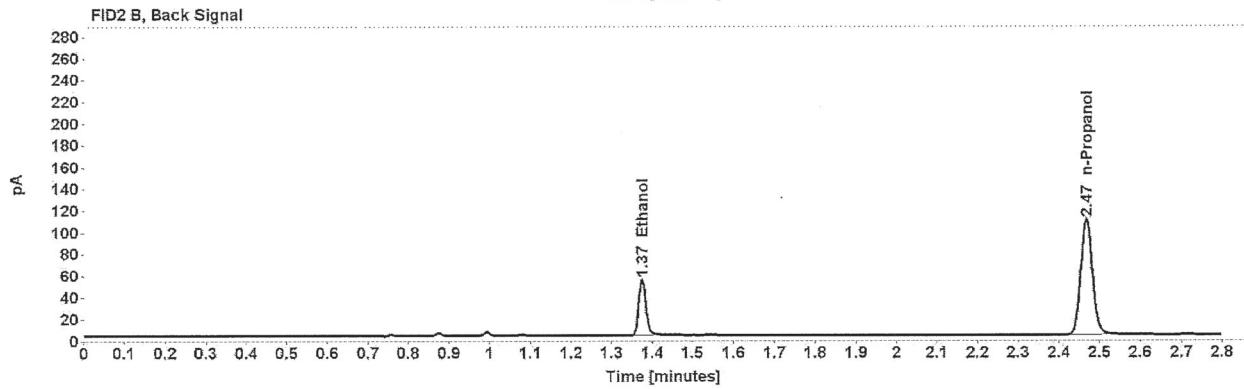
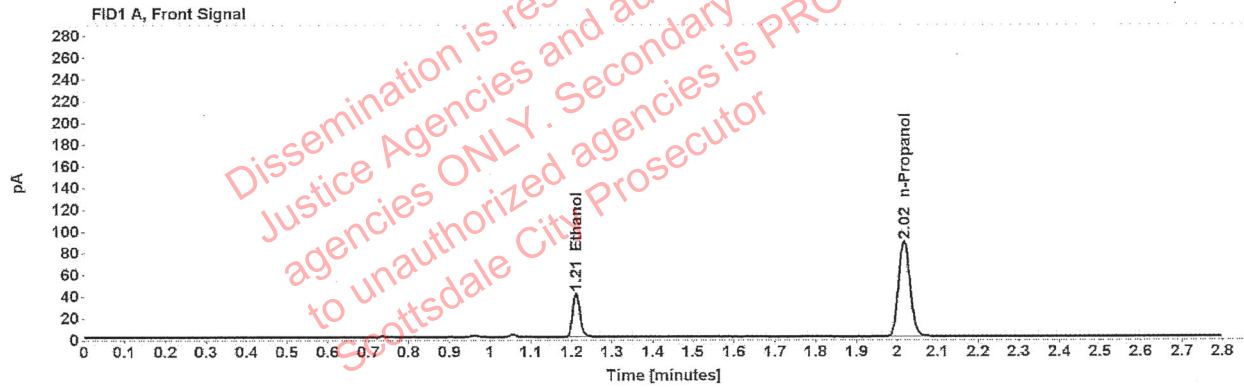


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0809	1.211	51.876
n-Propanol	-----	2.017	175.406

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

Compound	Time (min)	Peak Area
Ethanol	1.375	64.303
n-Propanol	2.467	216.665