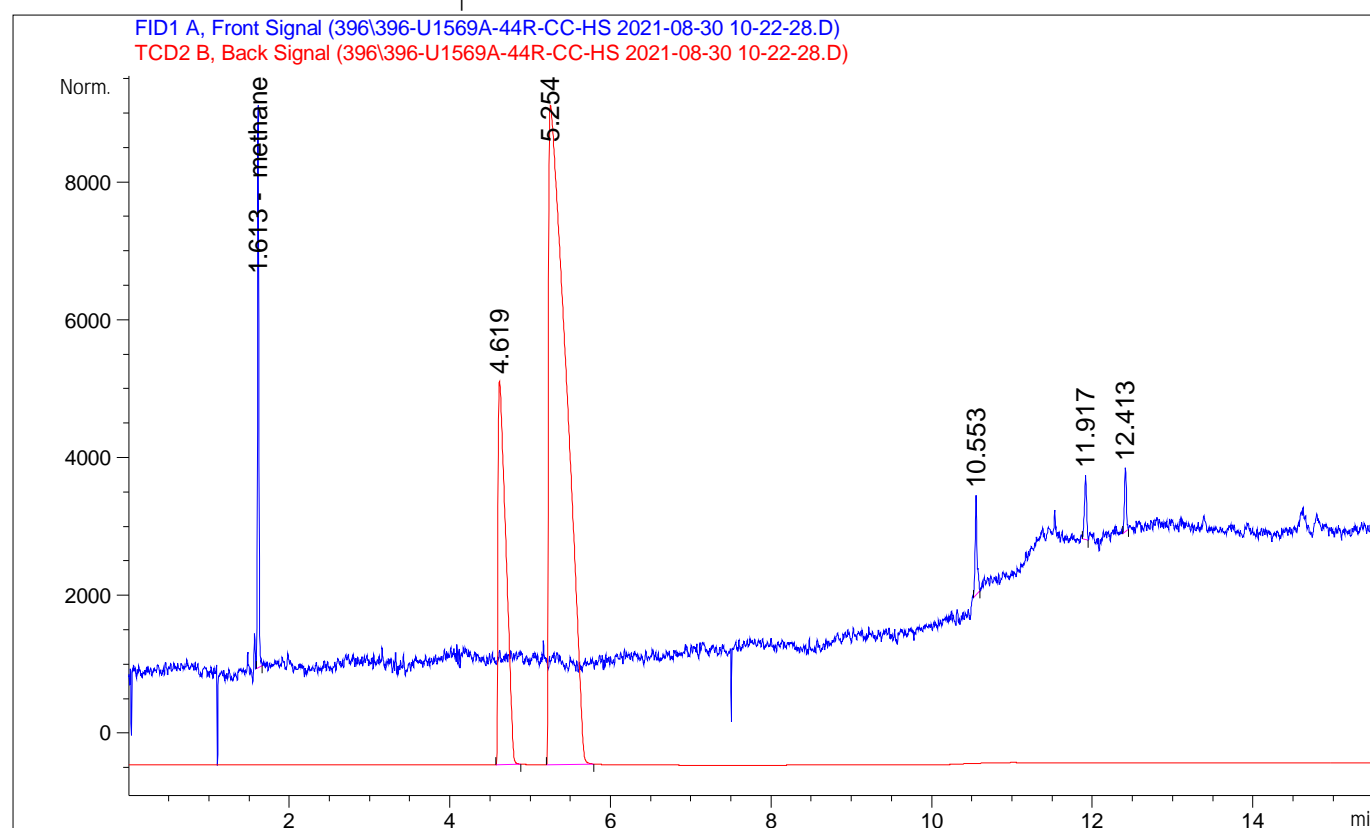


=====

|                 |                                  |                        |
|-----------------|----------------------------------|------------------------|
| Acq. Operator   | : SYSTEM                         |                        |
| Sample Operator | : SYSTEM                         |                        |
| Acq. Instrument | : NGA-2                          | Location : - (F)       |
| Injection Date  | : 8/30/2021 10:22:28 AM          |                        |
|                 |                                  | Inj Volume : Manual ly |
| Method          | : C:\CHEM32\2\METHODS\396_NGA2.M |                        |
| Last changed    | : 8/29/2021 8:30:11 PM by SYSTEM |                        |
| Method Info     | : manual headspace injections    |                        |
| Sample Info     | : CYL11121821                    |                        |

Sample-related custom fields:

| Name | Value |
|------|-------|
|------|-------|



=====

External Standard Report

=====

|                      |                        |
|----------------------|------------------------|
| Sorted By            | : Signal               |
| Calib. Data Modified | : 8/29/2021 4:44:17 PM |
| Mult iplier          | : 1.0000               |
| Dilution             | : 1.0000               |

Do not use Mult iplier & Dilution Factor with ISTDs

Signal 1: FID1 A, Front Signal

| RetTime<br>[min] | Type | Area<br>[pA*s] | Amt/Area | Amount<br>[ppm] | Grp | Name         |
|------------------|------|----------------|----------|-----------------|-----|--------------|
| 1.613            | BB   | 8.95135e-1     | 19.09517 | 17.09274        |     | methane      |
| 1.988            |      | -              | -        | -               |     | ethane       |
| 2.712            |      | -              | -        | -               |     | ethene       |
| 3.999            |      | -              | -        | -               |     | propane      |
| 6.334            |      | -              | -        | -               |     | propene      |
| 6.700            |      | -              | -        | -               |     | i so-butane  |
| 6.932            |      | -              | -        | -               |     | n-butane     |
| 8.505            |      | -              | -        | -               |     | i so-pentane |
| 8.657            |      | -              | -        | -               |     | n-pentane    |
| 9.855            |      | -              | -        | -               |     | i so-hexane  |
| 10.020           |      | -              | -        | -               |     | n-hexane     |

Totals : 17.09274

Signal 2: TCD2 B, Back Signal

| RetTime<br>[min] | Type | Area<br>[25 $\mu$ V*s] | Amt/Area | Amount<br>[ppm] | Grp | Name           |
|------------------|------|------------------------|----------|-----------------|-----|----------------|
| 10.540           |      | -                      | -        | -               |     | carbon dioxide |

Totals : 0.00000

2 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)

Warning : Calibrated compound(s) not found

Summed Peaks Report

Signal 1: FID1 A, Front Signal  
Empty table.

Signal 2: TCD2 B, Back Signal  
Empty table.

Final Summed Peaks Report

Signal 1: FID1 A, Front Signal

| Name    | Total Area<br>[25 $\mu$ V*s] | Amount<br>[ppm] |
|---------|------------------------------|-----------------|
| methane | 8.95135e-1                   | 17.0927         |
| ethane  | 0.00000                      | 0.0000          |
| ethene  | 0.00000                      | 0.0000          |

| Name              | Total Area<br>[25 $\mu$ V*s] | Amount<br>[ppm] |
|-------------------|------------------------------|-----------------|
| ----- ----- ----- |                              |                 |
| propane           | 0.00000                      | 0.0000          |
| propene           | 0.00000                      | 0.0000          |
| i so-butane       | 0.00000                      | 0.0000          |
| n-butane          | 0.00000                      | 0.0000          |
| i so-pentane      | 0.00000                      | 0.0000          |
| n-pentane         | 0.00000                      | 0.0000          |
| i so-hexane       | 0.00000                      | 0.0000          |
| n-hexane          | 0.00000                      | 0.0000          |

Totals : 17.0927

Signal 2: TCD2 B, Back Signal

| Name              | Total Area<br>[25 $\mu$ V*s] | Amount<br>[ppm] |
|-------------------|------------------------------|-----------------|
| ----- ----- ----- |                              |                 |
| carbon di oxide   | 0.00000                      | 0.0000          |

Totals : 0.0000

Compound-related custom fields:

\*\*\* End of Report \*\*\*