

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_A\Data\FA121820\  
 Data File : FA003108.D  
 Signal(s) : FID1A.CH  
 Acq On : 18 Dec 2020 12:00  
 Operator : AJ/DD  
 Sample : 200 PPMV GASES CCC  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

**Instrument :**  
 FID\_A  
**ClientSampleId :**  
 200 PPMV GASES CCC

**Manual Integrations**  
**APPROVED**

Ankita  
 12/21/2020 3:12:19 PM

Integration File: autoint1.e  
 Quant Time: Dec 18 12:11:02 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_A\Method\FA121820 GASES.M  
 Quant Title :  
 QLast Update : Fri Dec 18 09:21:31 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. :  
 Signal Phase : RT-U Plot  
 Signal Info : 30M x 0.32mm

| Compound         | R.T.  | Response | Conc Units     |
|------------------|-------|----------|----------------|
| -----            |       |          |                |
| Target Compounds |       |          |                |
| 1) Ethane        | 2.781 | 19991    | 217.322 ppmv   |
| 2) Ethylene      | 2.718 | 18588    | 204.168 ppmv m |
| 3) Methane       | 2.329 | 13505    | 218.272 ppmv   |
| -----            |       |          |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ/DD  
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Misc :  
ALS Vial : 17 Sample Multiplier: 1

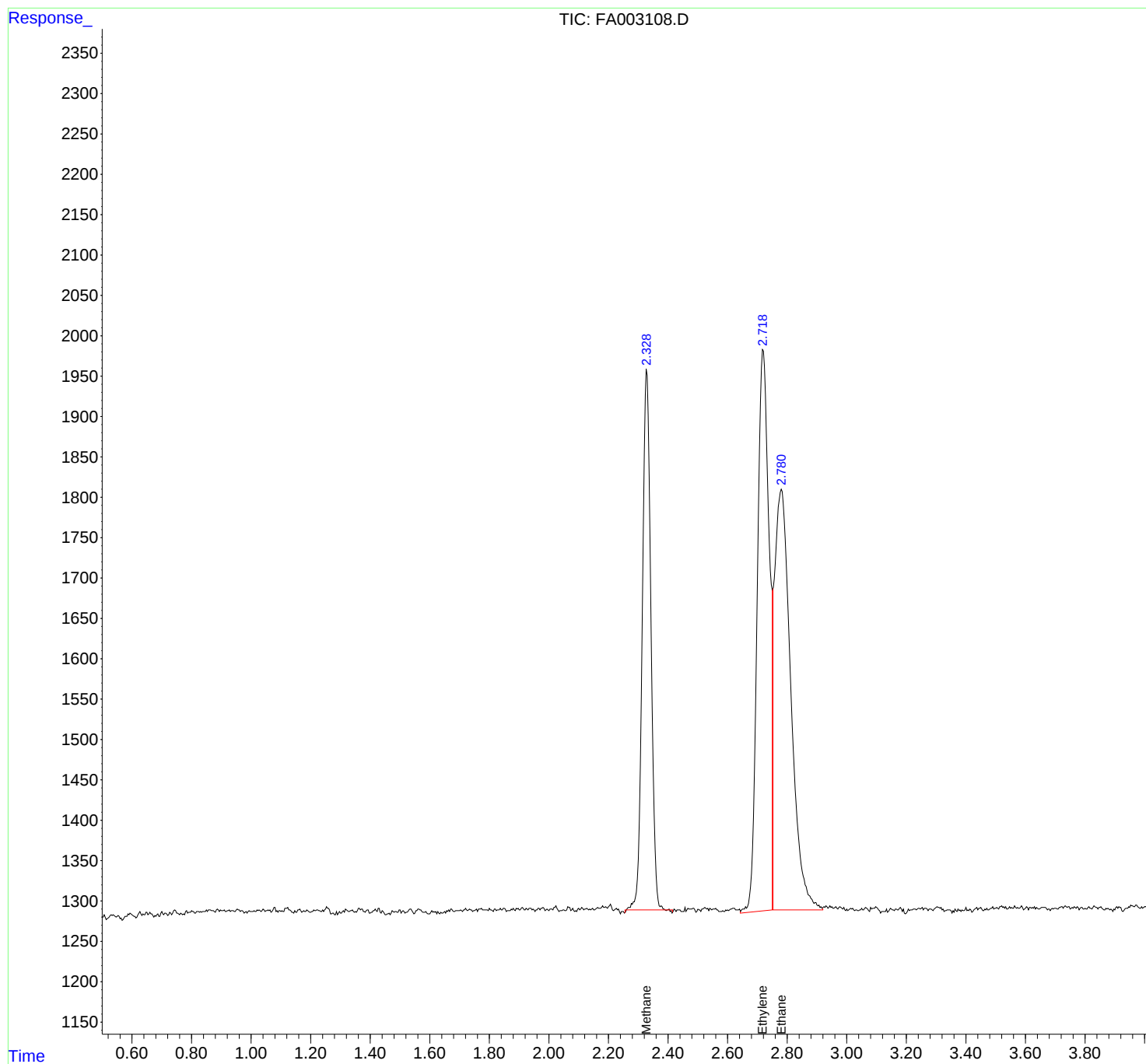
Instrument :  
FID\_A  
ClientSampleId :  
200 PPMV GASES CCC

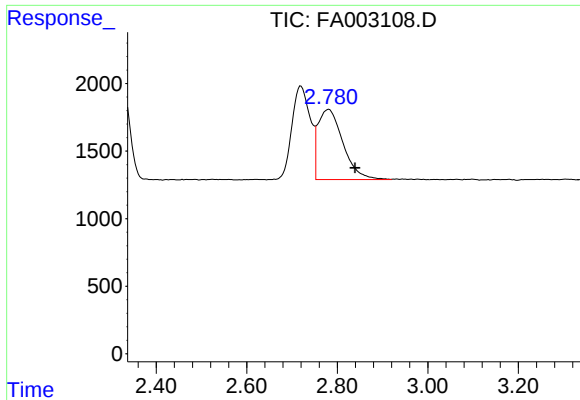
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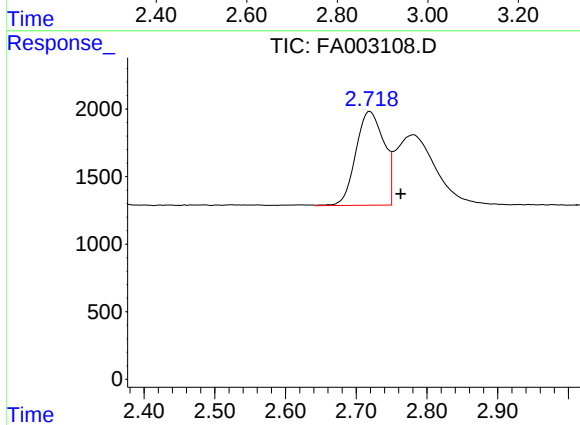
#1 Ethane

R.T.: 2.781 min  
Delta R.T.: -0.058 min  
Response: 19991  
Conc: 217.32 ppmv

Instrument :  
FID\_A  
ClientSampleId :  
200 PPMV GASES CCC

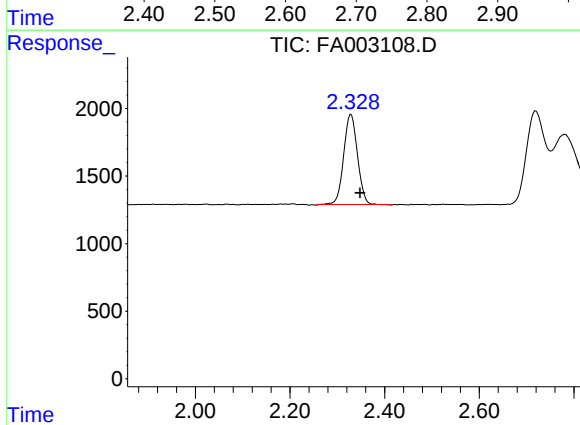
Manual Integrations  
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12/21/2020 3:12:19 PM



#2 Ethylene

R.T.: 2.718 min  
Delta R.T.: -0.045 min  
Response: 18588  
Conc: 204.17 ppmv m



#3 Methane

R.T.: 2.329 min  
Delta R.T.: -0.019 min  
Response: 13505  
Conc: 218.27 ppmv