

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG033022\  
 Data File : FG009471.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Mar 2022 10:26  
 Operator : AJ\MA  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/31/2022  
 Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e  
 Quant Time: Mar 31 01:59:34 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG032522.M  
 Quant Title :  
 QLast Update : Sat Mar 26 00:33:44 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

| Compound                      | R.T.   | Response | Conc Units    |
|-------------------------------|--------|----------|---------------|
| -----                         |        |          |               |
| System Monitoring Compounds   |        |          |               |
| 9) S TETRACOSANE-d50 (SURR... | 14.633 | 7038638  | 51.076 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.233  | 8112891  | 56.411 ug/ml  |
| 2) N-DECANE                   | 4.332  | 8697097  | 59.456 ug/ml  |
| 3) N-DODECANE                 | 6.360  | 8761537  | 58.751 ug/ml  |
| 4) N-TETRADECANE              | 8.160  | 8802865  | 57.656 ug/ml  |
| 5) N-HEXADECANE               | 9.767  | 8714422  | 56.251 ug/ml  |
| 6) N-OCTADECANE               | 11.213 | 8742464  | 54.787 ug/ml  |
| 7) N-EICOSANE                 | 12.527 | 8324894  | 53.324 ug/ml  |
| 8) N-DOCOSANE                 | 13.731 | 8061826  | 52.085 ug/ml  |
| 10) N-TETRACOSANE             | 14.838 | 7885339  | 51.130 ug/ml  |
| 11) N-HEXACOSANE              | 15.863 | 7615153  | 50.159 ug/ml  |
| 12) N-OCTACOSANE              | 16.817 | 7422956  | 50.088 ug/ml  |
| 13) N-TRIACONTANE             | 17.707 | 7229146  | 50.693 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.543 | 6960696  | 52.346 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.328 | 6403564  | 54.804 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.068 | 5659218  | 57.386 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.810 | 5198047  | 59.961 ug/ml  |
| 18) N-TETRACONTANE            | 21.725 | 5205655  | 61.244 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG033022\  
Data File : FG009471.D  
Signal(s) : FID1A.ch  
Acq On : 30 Mar 2022 10:26  
Operator : AJ\MA  
Sample : 50 PPM TRPH STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

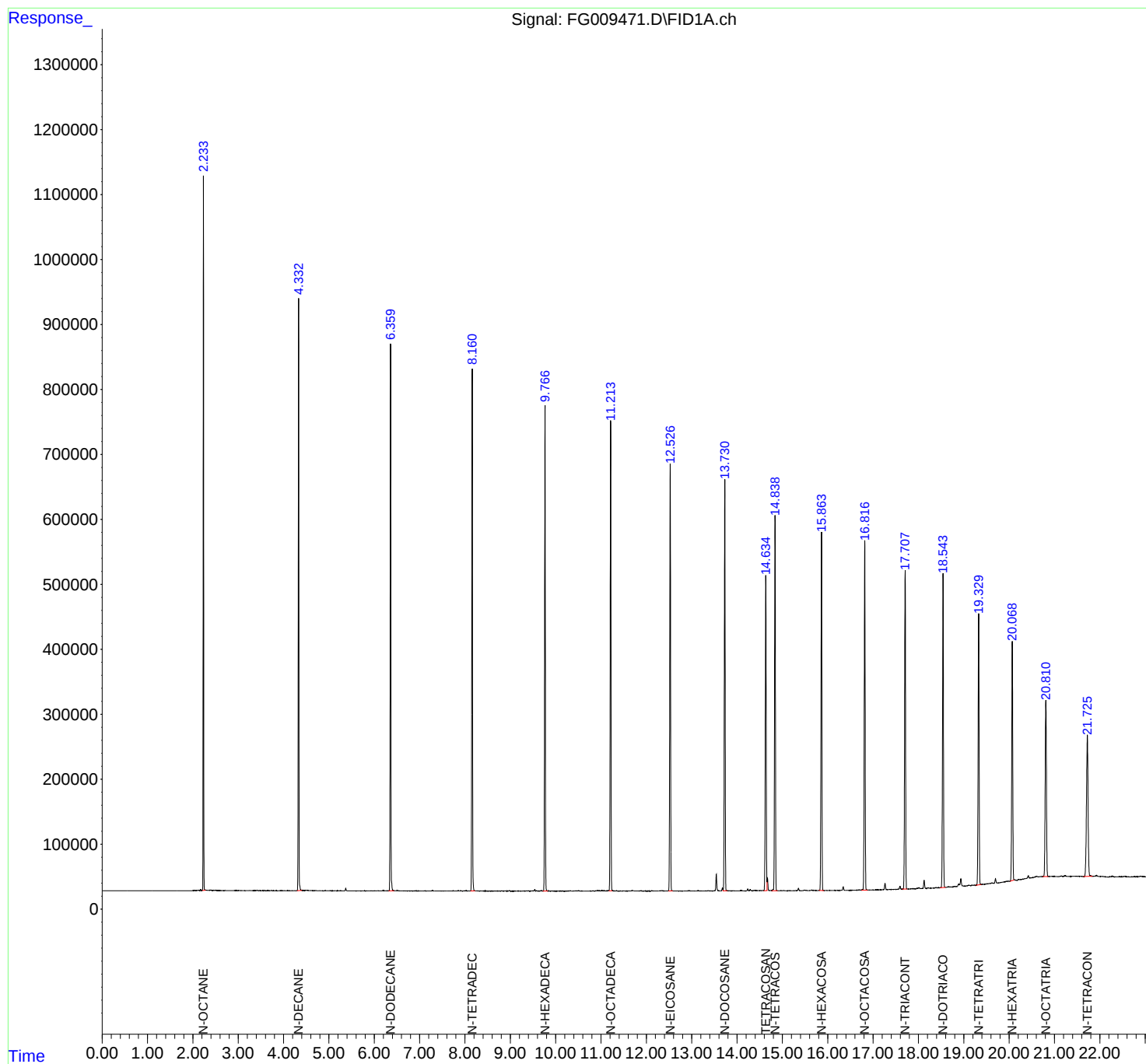
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

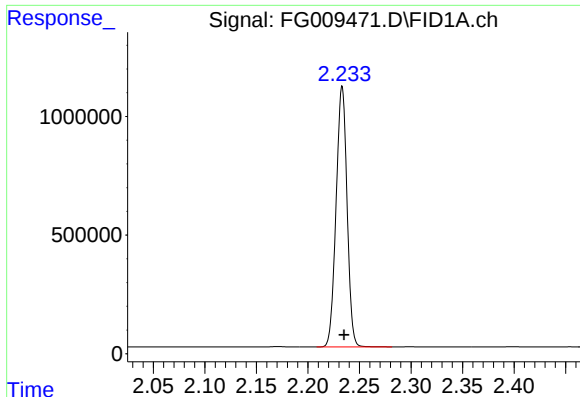
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/31/2022  
Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e  
Quant Time: Mar 31 01:59:34 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG032522.M  
Quant Title :  
QLast Update : Sat Mar 26 00:33:44 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





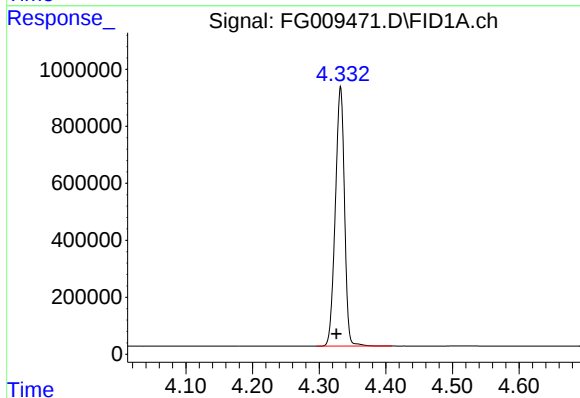
#1 N-OCTANE

R.T.: 2.233 min  
Delta R.T.: -0.002 min  
Response: 8112891  
Conc: 56.41 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

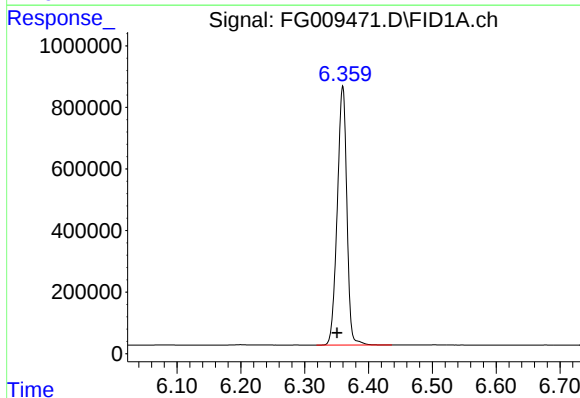
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/31/2022  
Supervised By :mohammad ahmed 04/01/2022



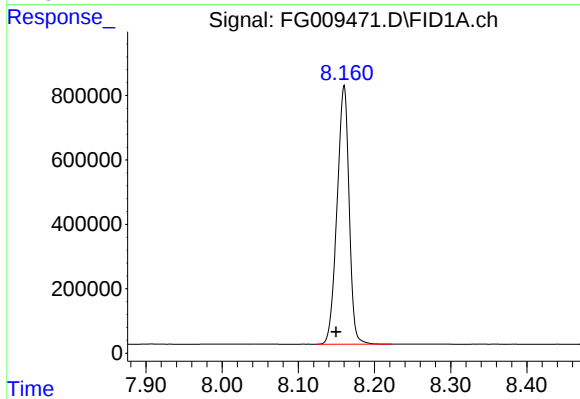
#2 N-DECANE

R.T.: 4.332 min  
Delta R.T.: 0.006 min  
Response: 8697097  
Conc: 59.46 ug/ml



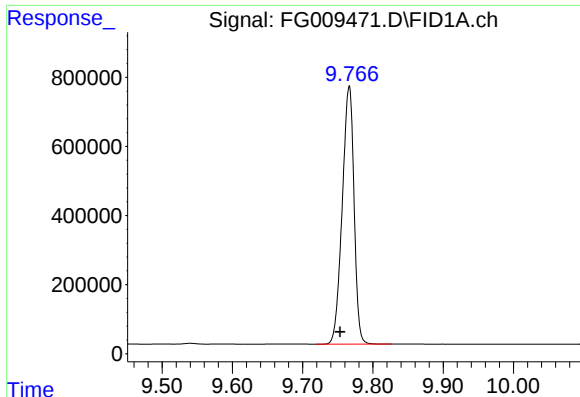
#3 N-DODECANE

R.T.: 6.360 min  
Delta R.T.: 0.009 min  
Response: 8761537  
Conc: 58.75 ug/ml



#4 N-TETRADECANE

R.T.: 8.160 min  
Delta R.T.: 0.011 min  
Response: 8802865  
Conc: 57.66 ug/ml



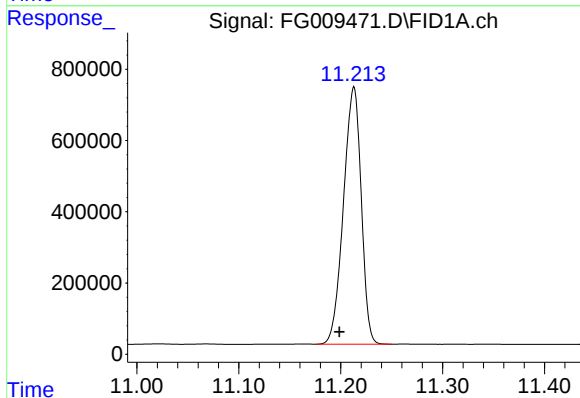
#5 N-HEXADECANE

R.T.: 9.767 min  
Delta R.T.: 0.013 min  
Response: 8714422  
Conc: 56.25 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

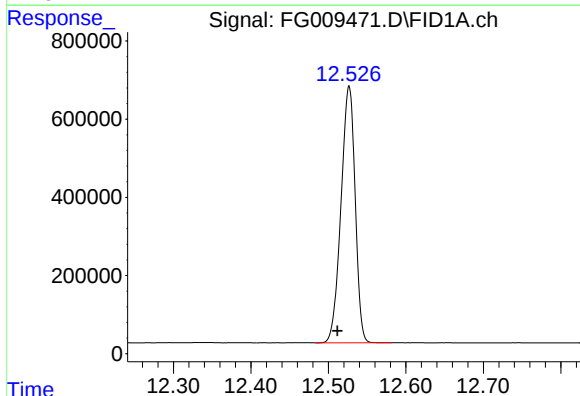
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/31/2022  
Supervised By :mohammad ahmed 04/01/2022



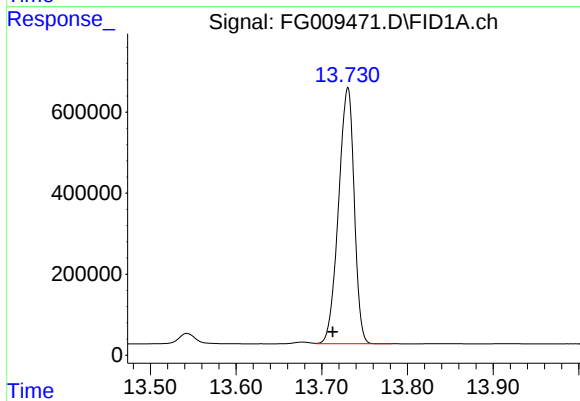
#6 N-OCTADECANE

R.T.: 11.213 min  
Delta R.T.: 0.014 min  
Response: 8742464  
Conc: 54.79 ug/ml



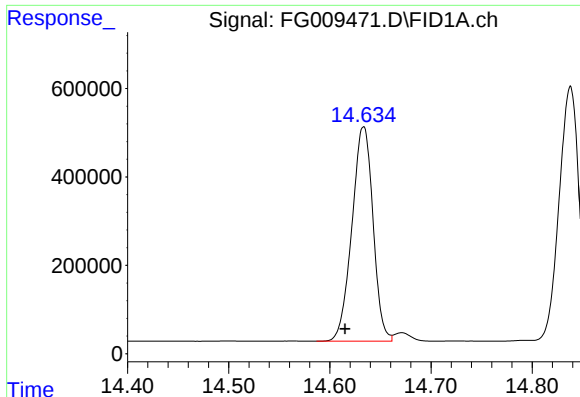
#7 N-EICOSANE

R.T.: 12.527 min  
Delta R.T.: 0.015 min  
Response: 8324894  
Conc: 53.32 ug/ml



#8 N-DOCOSANE

R.T.: 13.731 min  
Delta R.T.: 0.018 min  
Response: 8061826  
Conc: 52.08 ug/ml



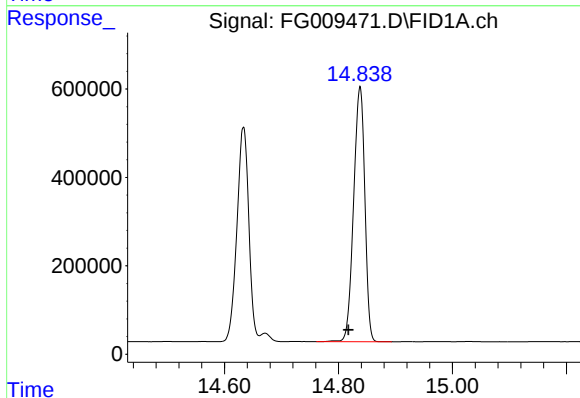
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.633 min  
Delta R.T.: 0.018 min  
Response: 7038638  
Conc: 51.08 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

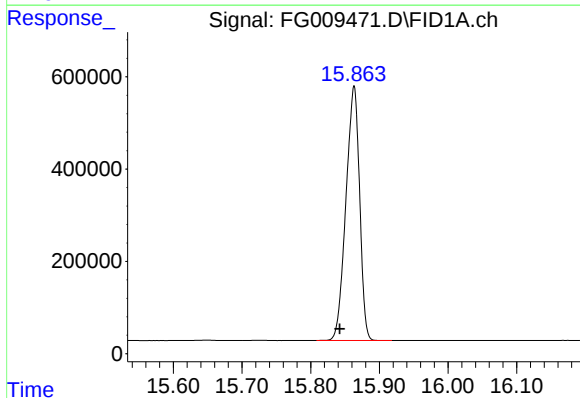
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/31/2022  
Supervised By :mohammad ahmed 04/01/2022



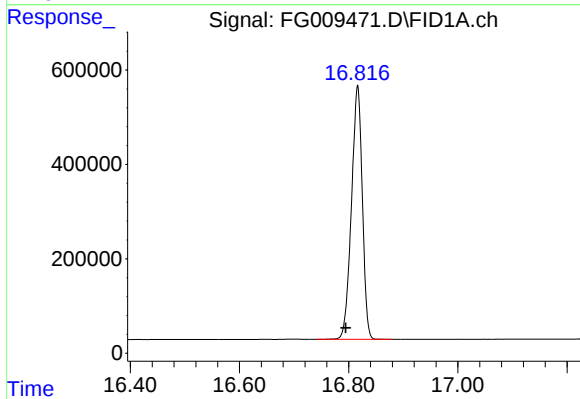
#10 N-TETRACOSANE

R.T.: 14.838 min  
Delta R.T.: 0.020 min  
Response: 7885339  
Conc: 51.13 ug/ml



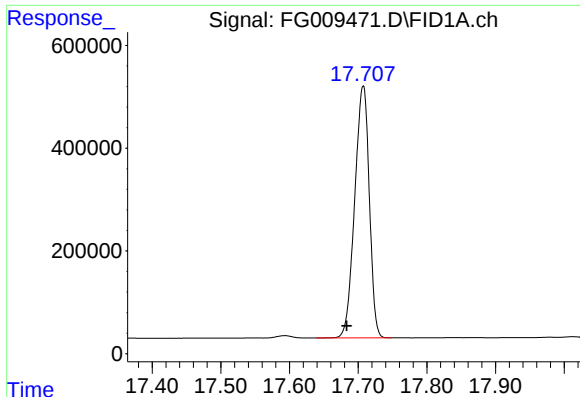
#11 N-HEXACOSANE

R.T.: 15.863 min  
Delta R.T.: 0.021 min  
Response: 7615153  
Conc: 50.16 ug/ml



#12 N-OCTACOSANE

R.T.: 16.817 min  
Delta R.T.: 0.022 min  
Response: 7422956  
Conc: 50.09 ug/ml



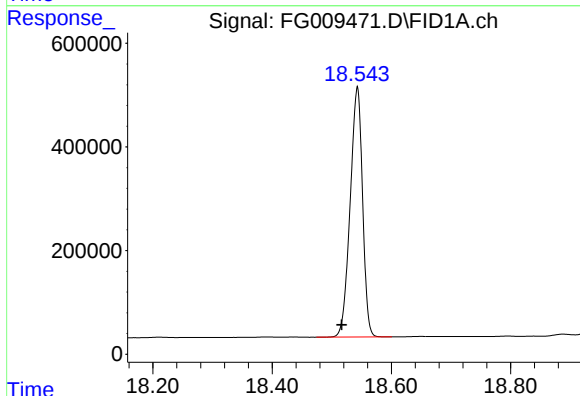
#13 N-TRIACONTANE

R.T.: 17.707 min  
Delta R.T.: 0.024 min  
Response: 7229146  
Conc: 50.69 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

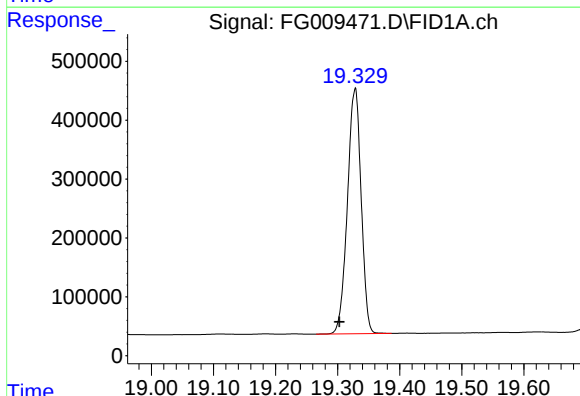
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/31/2022  
Supervised By :mohammad ahmed 04/01/2022



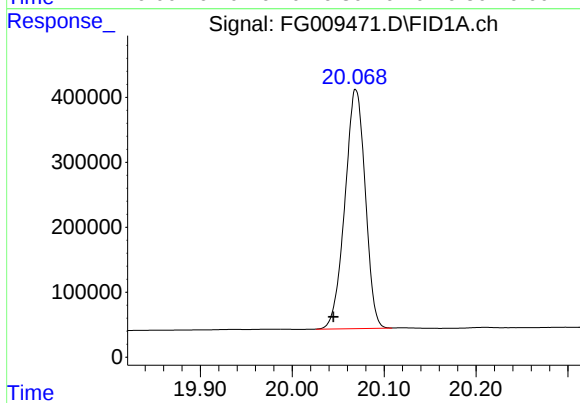
#14 N-DOTRIACONTANE

R.T.: 18.543 min  
Delta R.T.: 0.026 min  
Response: 6960696  
Conc: 52.35 ug/ml



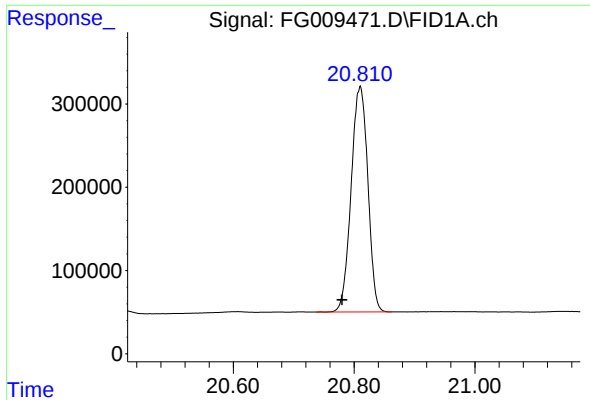
#15 N-TETRATRIACONTANE

R.T.: 19.328 min  
Delta R.T.: 0.025 min  
Response: 6403564  
Conc: 54.80 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.068 min  
Delta R.T.: 0.023 min  
Response: 5659218  
Conc: 57.39 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.810 min  
Delta R.T.: 0.030 min  
Response: 5198047  
Conc: 59.96 ug/ml

Instrument :

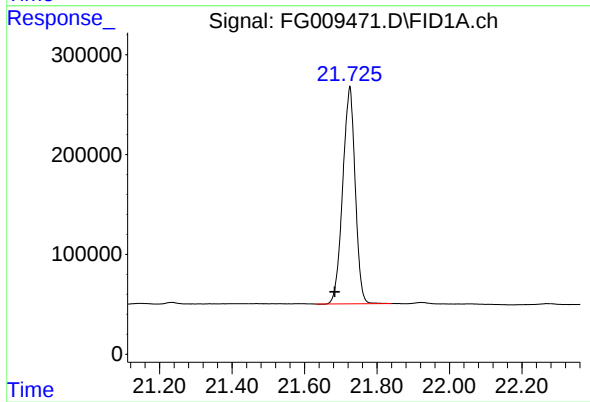
FID\_G

ClientSampleId :  
50 PPM TRPH STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/31/2022  
Supervised By :mohammad ahmed 04/01/2022



#18 N-TETRACONTANE

R.T.: 21.725 min  
Delta R.T.: 0.042 min  
Response: 5205655  
Conc: 61.24 ug/ml