

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG121621\  
 Data File : FG009310.D  
 Signal(s) : FID1A.ch  
 Acq On : 16 Dec 2021 18:01  
 Operator : AJ\MA  
 Sample : M5074-08MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 CS-4MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/17/2021  
 Supervised By :Ankita Jodhani 12/17/2021

Integration File: autoint1.e  
 Quant Time: Dec 17 00:36:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG121521.M  
 Quant Title :  
 QLast Update : Thu Dec 16 05:01:34 2021  
 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... | 14.521 | 2459581  | 17.808 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.168  | 2868500  | 19.044 ug/ml  |
| 2) N-DECANE                   | 4.242  | 3559161  | 23.157 ug/ml  |
| 3) N-DODECANE                 | 6.262  | 3757745  | 23.873 ug/ml  |
| 4) N-TETRADECANE              | 8.060  | 3944277  | 24.537 ug/ml  |
| 5) N-HEXADECANE               | 9.663  | 3719404  | 23.208 ug/ml  |
| 6) N-OCTADECANE               | 11.107 | 3831836  | 23.546 ug/ml  |
| 7) N-EICOSANE                 | 12.420 | 3804983  | 23.436 ug/ml  |
| 8) N-DOCOSANE                 | 13.620 | 3658839  | 22.979 ug/ml  |
| 10) N-TETRACOSANE             | 14.725 | 4120166  | 26.103 ug/ml  |
| 11) N-HEXACOSANE              | 15.748 | 3333589  | 21.622 ug/ml  |
| 12) N-OCTACOSANE              | 16.699 | 3402100  | 22.736 ug/ml  |
| 13) N-TRIACONTANE             | 17.589 | 3322247  | 23.179 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.422 | 3271994  | 24.419 ug/mlm |
| 15) N-TETRATRIACONTANE        | 19.207 | 2397384  | 19.121 ug/ml  |
| 16) N-HEXATRIACONTANE         | 19.946 | 1734576  | 15.011 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.664 | 1591540  | 14.460 ug/ml  |
| 18) N-TETRACONTANE            | 21.528 | 1429002  | 12.989 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG121621\  
Data File : FG009310.D  
Signal(s) : FID1A.ch  
Acq On : 16 Dec 2021 18:01  
Operator : AJ\MA  
Sample : M5074-08MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

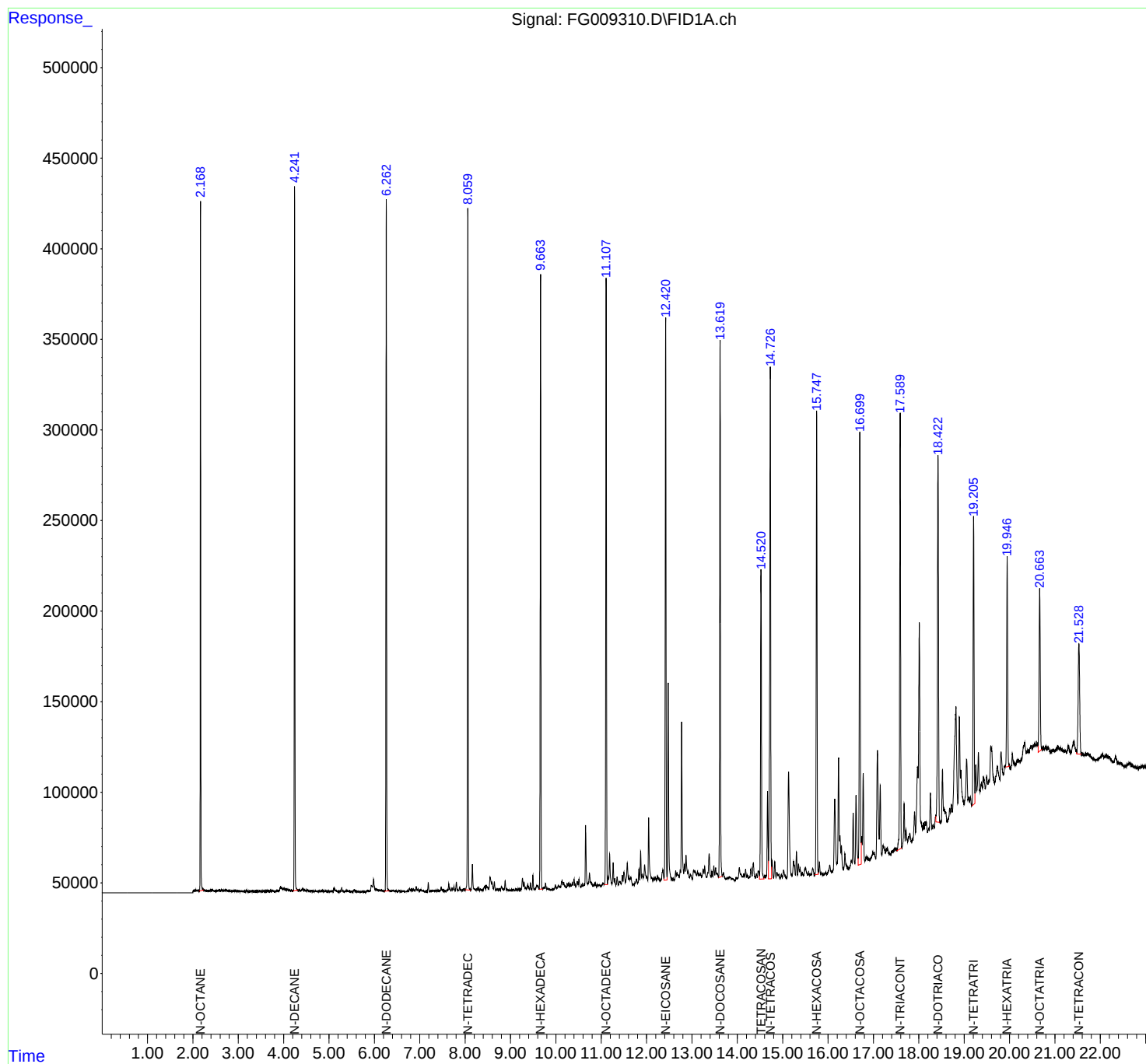
Instrument :  
FID\_G  
ClientSampleId :  
CS-4MS

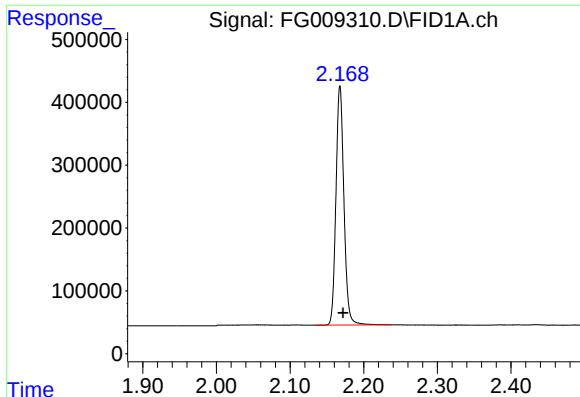
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/17/2021  
Supervised By :Ankita Jodhani 12/17/2021

Integration File: autoint1.e  
Quant Time: Dec 17 00:36:50 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG121521.M  
Quant Title :  
QLast Update : Thu Dec 16 05:01:34 2021  
Response via : Initial Calibration  
Integrator: ChemStation

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





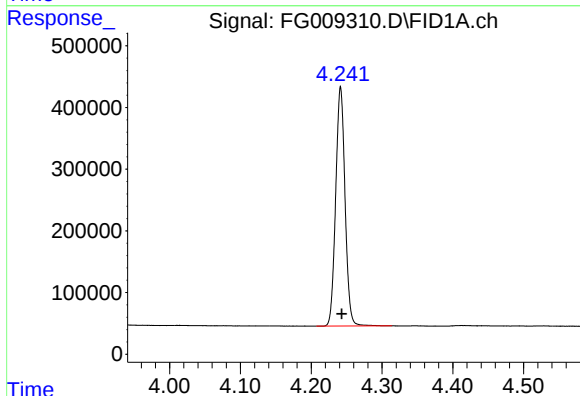
#1 N-OCTANE

R.T.: 2.168 min  
Delta R.T.: -0.004 min  
Response: 2868500  
Conc: 19.04 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
CS-4MS

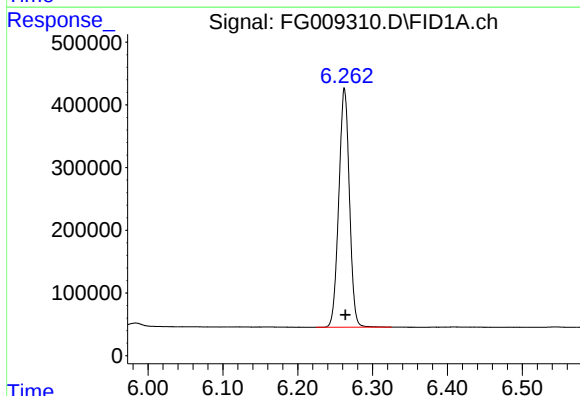
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/17/2021  
Supervised By :Ankita Jodhani 12/17/2021



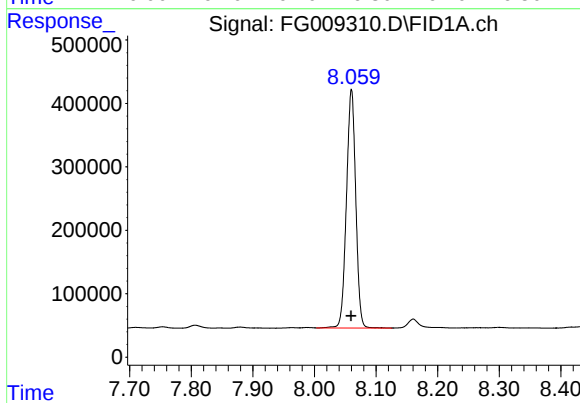
#2 N-DECANE

R.T.: 4.242 min  
Delta R.T.: -0.002 min  
Response: 3559161  
Conc: 23.16 ug/ml



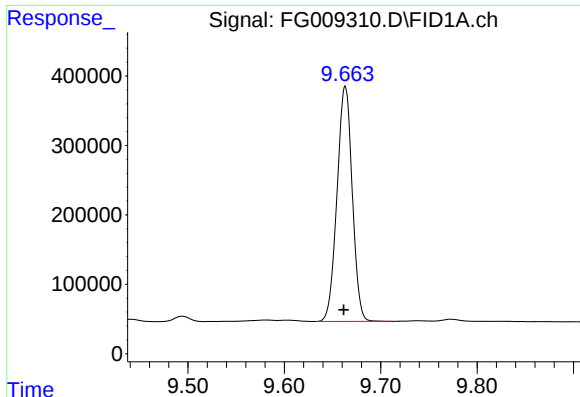
#3 N-DODECANE

R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 3757745  
Conc: 23.87 ug/ml



#4 N-TETRADECANE

R.T.: 8.060 min  
Delta R.T.: 0.000 min  
Response: 3944277  
Conc: 24.54 ug/ml



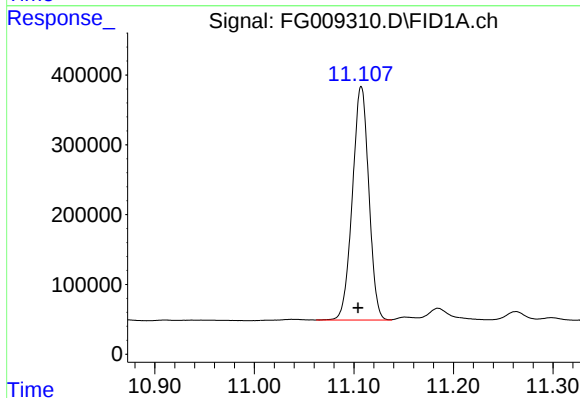
#5 N-HEXADECANE

R.T.: 9.663 min  
Delta R.T.: 0.002 min  
Response: 3719404  
Conc: 23.21 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
CS-4MS

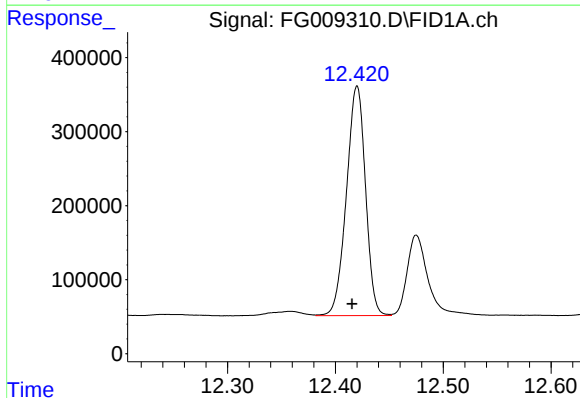
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/17/2021  
Supervised By :Ankita Jodhani 12/17/2021



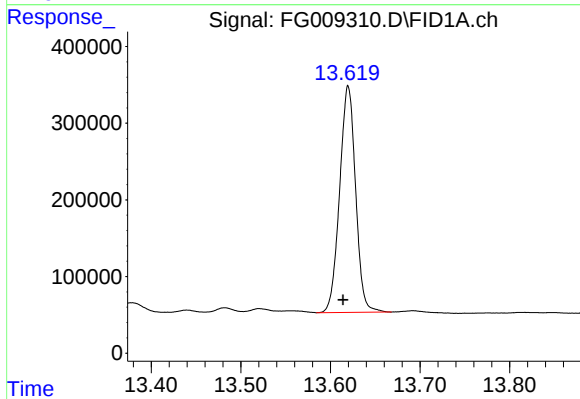
#6 N-OCTADECANE

R.T.: 11.107 min  
Delta R.T.: 0.003 min  
Response: 3831836  
Conc: 23.55 ug/ml



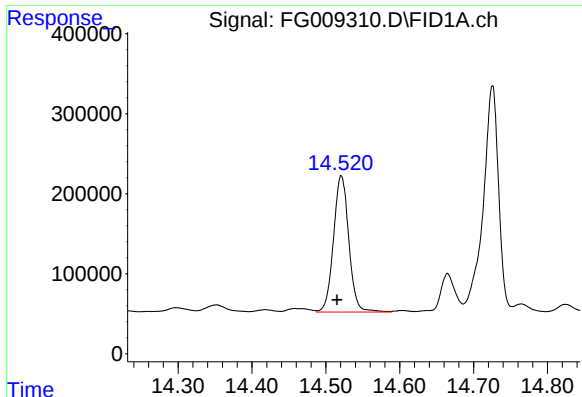
#7 N-EICOSANE

R.T.: 12.420 min  
Delta R.T.: 0.005 min  
Response: 3804983  
Conc: 23.44 ug/ml



#8 N-DOCOSANE

R.T.: 13.620 min  
Delta R.T.: 0.006 min  
Response: 3658839  
Conc: 22.98 ug/ml



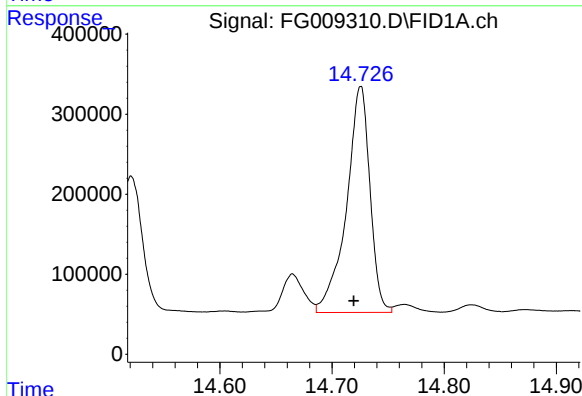
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.521 min  
Delta R.T.: 0.006 min  
Response: 2459581  
Conc: 17.81 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
CS-4MS

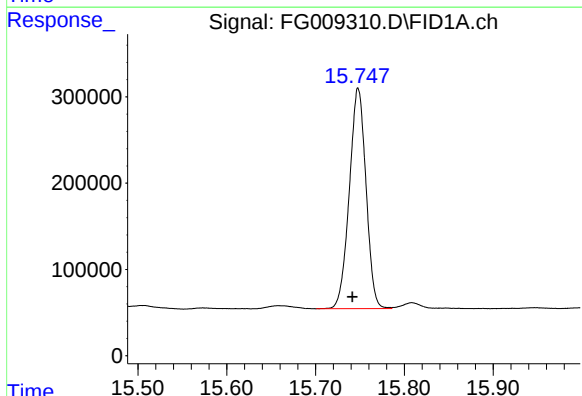
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/17/2021  
Supervised By :Ankita Jodhani 12/17/2021



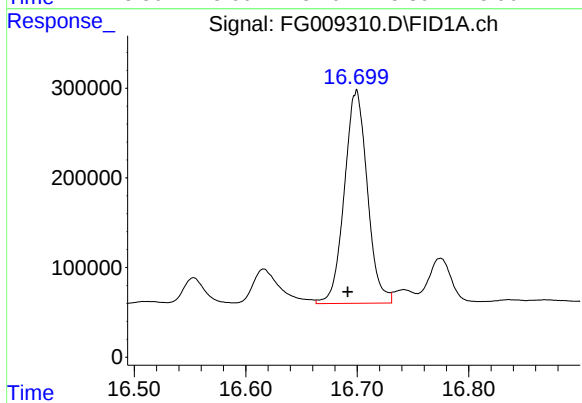
#10 N-TETRACOSANE

R.T.: 14.725 min  
Delta R.T.: 0.006 min  
Response: 4120166  
Conc: 26.10 ug/ml



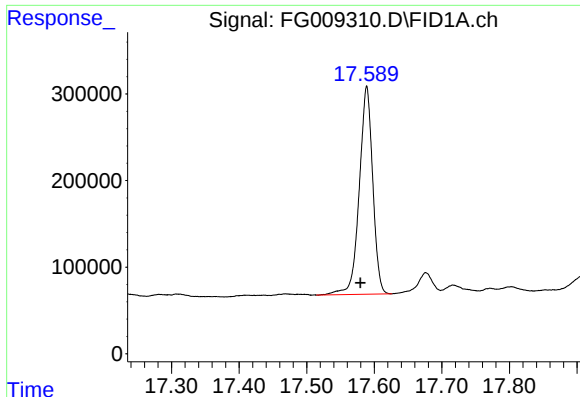
#11 N-HEXACOSANE

R.T.: 15.748 min  
Delta R.T.: 0.007 min  
Response: 3333589  
Conc: 21.62 ug/ml



#12 N-OCTACOSANE

R.T.: 16.699 min  
Delta R.T.: 0.008 min  
Response: 3402100  
Conc: 22.74 ug/ml



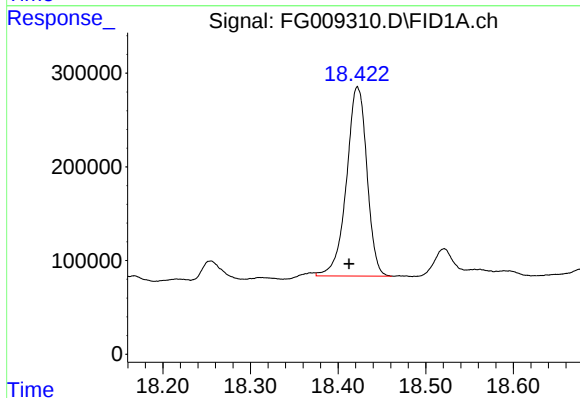
#13 N-TRIACONTANE

R.T.: 17.589 min  
Delta R.T.: 0.009 min  
Response: 3322247  
Conc: 23.18 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
CS-4MS

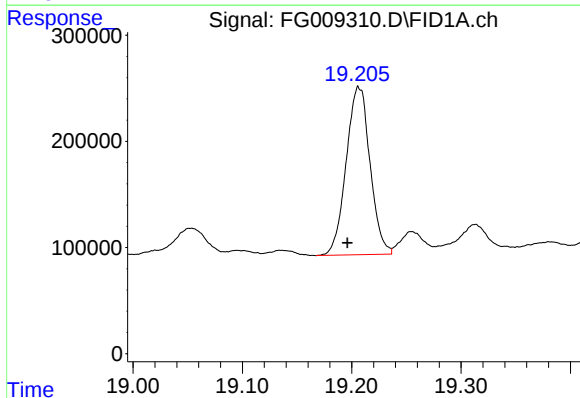
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/17/2021  
Supervised By :Ankita Jodhani 12/17/2021



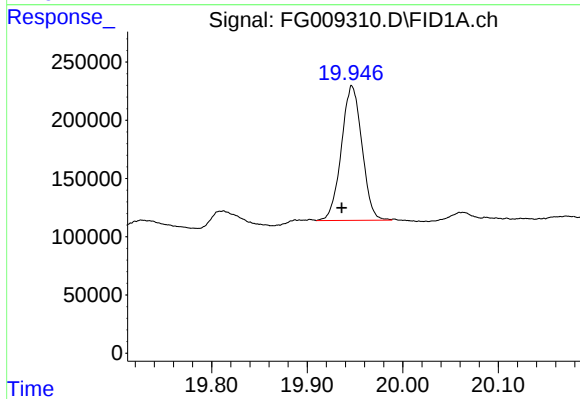
#14 N-DOTRIACONTANE

R.T.: 18.422 min  
Delta R.T.: 0.009 min  
Response: 3271994  
Conc: 24.42 ug/ml m



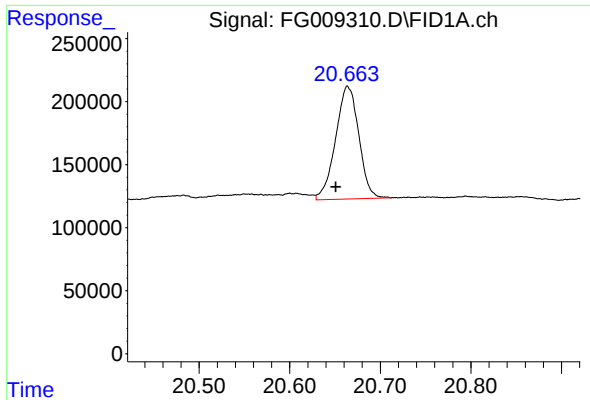
#15 N-TETRATRIACONTANE

R.T.: 19.207 min  
Delta R.T.: 0.010 min  
Response: 2397384  
Conc: 19.12 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.946 min  
Delta R.T.: 0.010 min  
Response: 1734576  
Conc: 15.01 ug/ml m



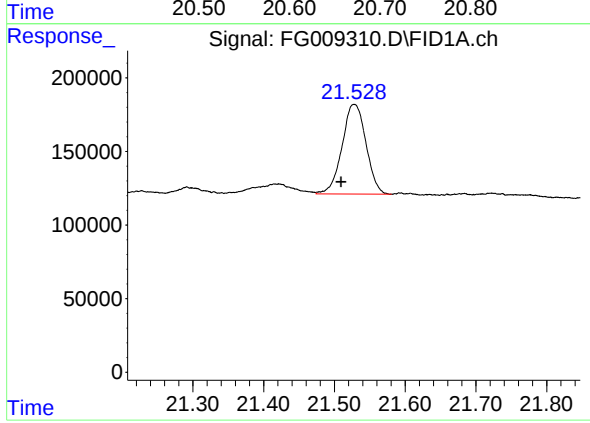
#17 N-OCTATRIACONTANE

R.T.: 20.664 min  
Delta R.T.: 0.013 min  
Response: 1591540  
Conc: 14.46 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
CS-4MS

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/17/2021  
Supervised By :Ankita Jodhani 12/17/2021



#18 N-TETRACONTANE

R.T.: 21.528 min  
Delta R.T.: 0.019 min  
Response: 1429002  
Conc: 12.99 ug/ml