

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032421AL\  
 Data File : FC052686.D  
 Signal(s) : FID1A.CH  
 Acq On : 24 Mar 2021 16:16  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

Ankita  
 3/25/2021 10:06:15 AM

Integration File: autoint1.e  
 Quant Time: Mar 25 01:23:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 031721.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 17 03:47:28 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.570 | 2379636    | 17.753 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.51%        |
| 12) S 1-chlorooctadecane (S... | 13.008 | 1845839    | 17.113 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.23%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.326  | 2324344    | 20.012 ug/ml  |
| 2) T n-Decane (C10)            | 4.392  | 2349793    | 20.052 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.980  | 2601734    | 19.872 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.412  | 2405654    | 20.036 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.038  | 2646011    | 19.767 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.210  | 2388363    | 19.747 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.811  | 2308467    | 19.194 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.254 | 2322584    | 18.408 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.563 | 2240406    | 17.545 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.175 | 2176146    | 17.121 ug/ml  |
| 13) T n-Docosane (C22)         | 13.761 | 2116943    | 16.711 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.864 | 2004225    | 16.044 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.885 | 1888208    | 15.681 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.833 | 1825398    | 15.833 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.720 | 1798897    | 16.511 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.552 | 1765709    | 17.597 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.334 | 1754964    | 19.092 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.072 | 1780433    | 19.525 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.807 | 1680177    | 20.587 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.711 | 1868668    | 21.693 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032421AL\  
Data File : FC052686.D  
Signal(s) : FID1A.CH  
Acq On : 24 Mar 2021 16:16  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

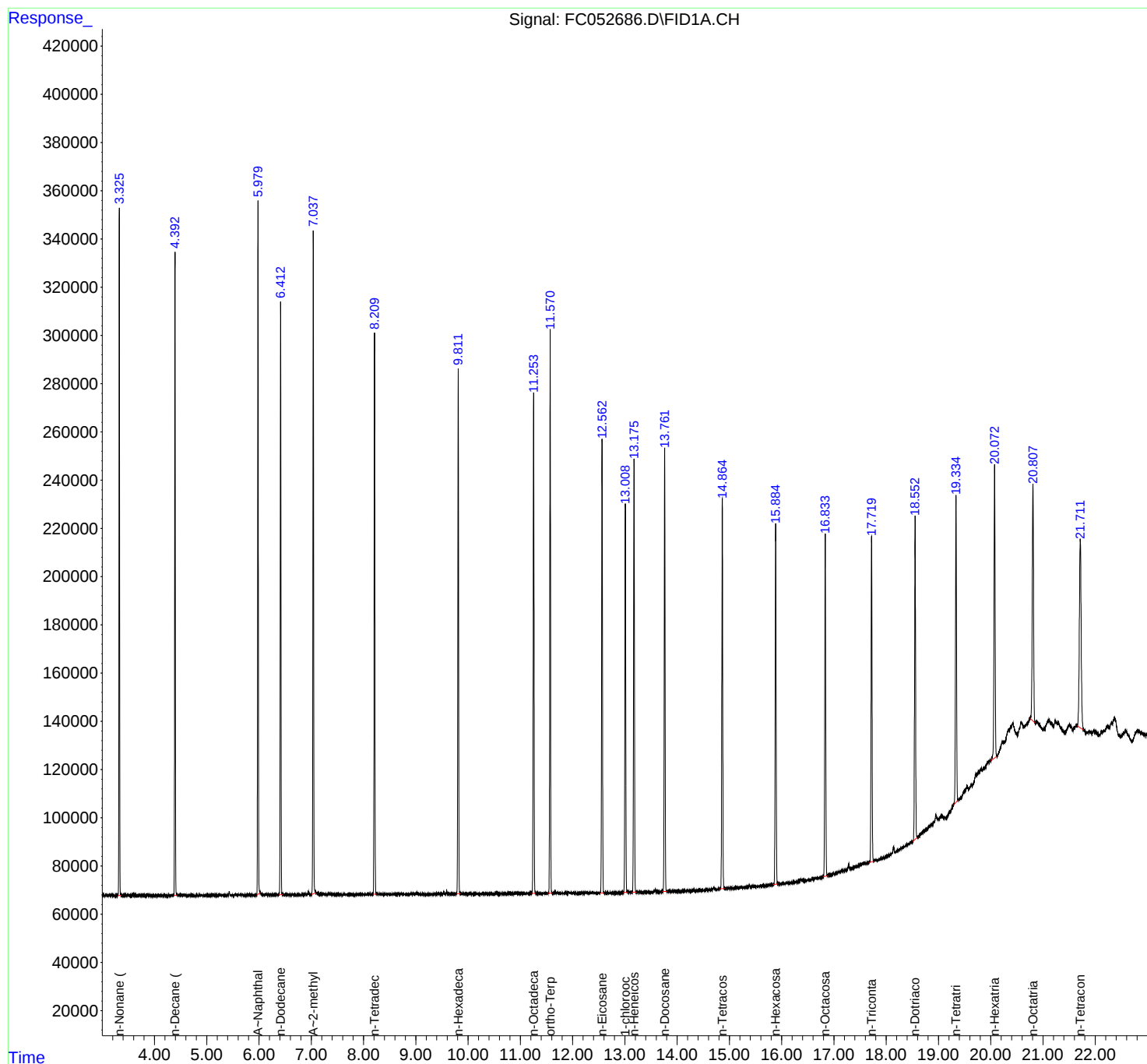
Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

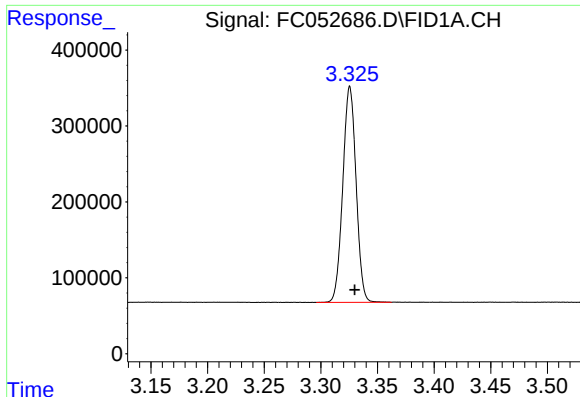
Manual Integrations  
APPROVED

Ankita  
3/25/2021 10:06:15 AM

Integration File: autoint1.e  
Quant Time: Mar 25 01:23:55 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 031721.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 17 03:47:28 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





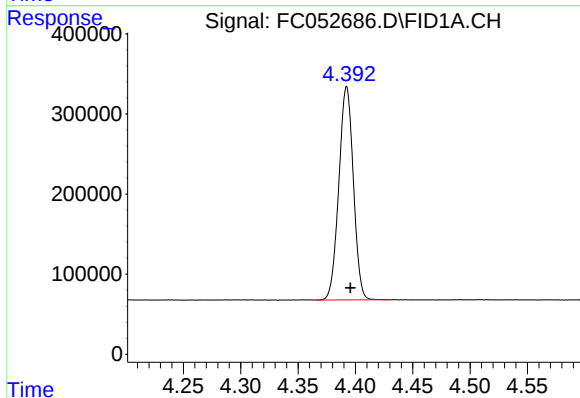
#1 n-Nonane (C9)

R.T.: 3.326 min  
Delta R.T.: -0.004 min  
Response: 2324344  
Conc: 20.01 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

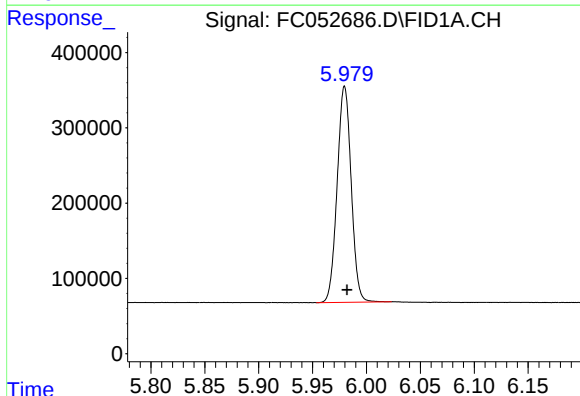
Manual Integrations  
APPROVED

Ankita  
3/25/2021 10:06:15 AM



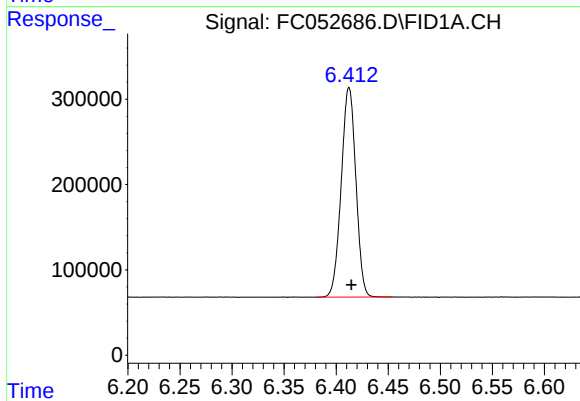
#2 n-Decane (C10)

R.T.: 4.392 min  
Delta R.T.: -0.003 min  
Response: 2349793  
Conc: 20.05 ug/ml



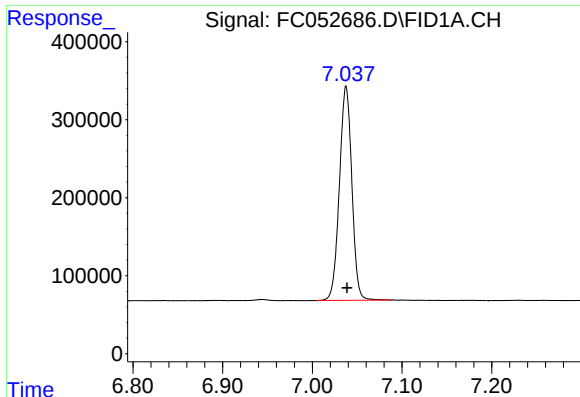
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min  
Delta R.T.: -0.002 min  
Response: 2601734  
Conc: 19.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.412 min  
Delta R.T.: -0.002 min  
Response: 2405654  
Conc: 20.04 ug/ml



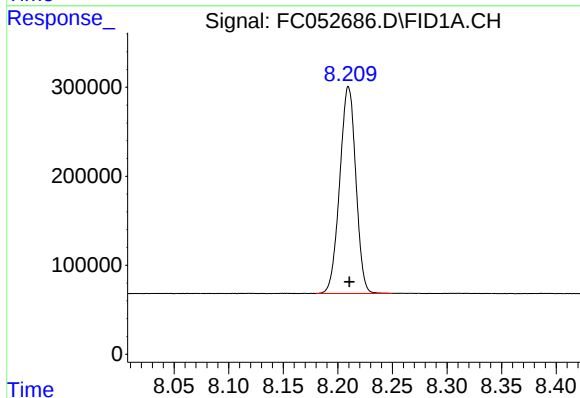
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.038 min  
Delta R.T.: -0.001 min  
Response: 2646011  
Conc: 19.77 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

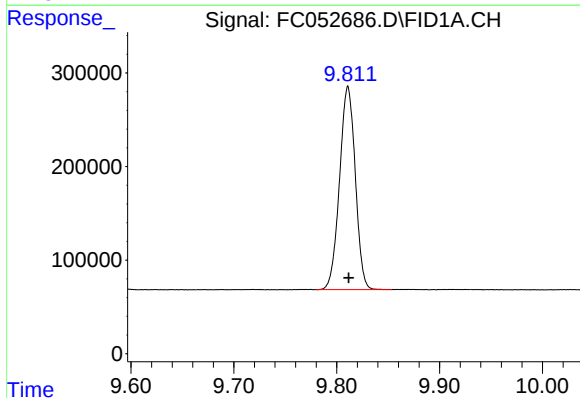
Manual Integrations  
APPROVED

Ankita  
3/25/2021 10:06:15 AM



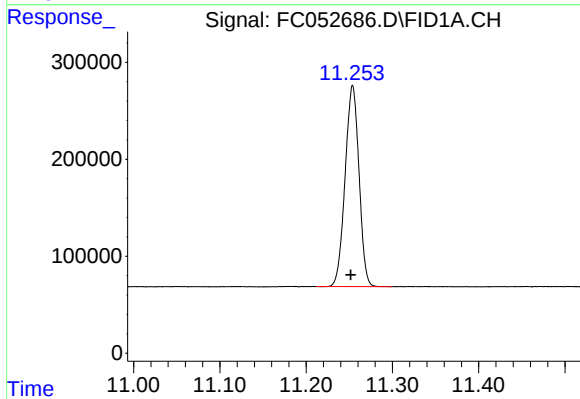
#6 n-Tetradecane (C14)

R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 2388363  
Conc: 19.75 ug/ml



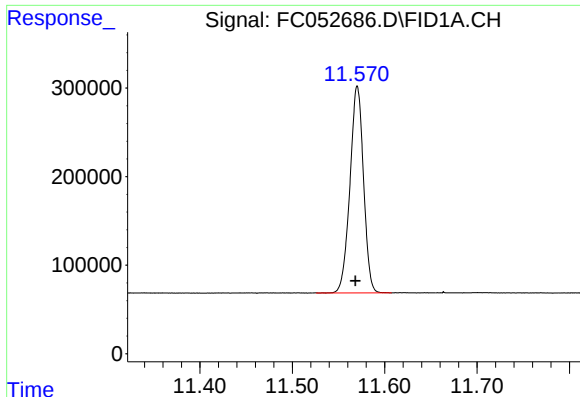
#7 n-Hexadecane (C16)

R.T.: 9.811 min  
Delta R.T.: 0.000 min  
Response: 2308467  
Conc: 19.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.254 min  
Delta R.T.: 0.002 min  
Response: 2322584  
Conc: 18.41 ug/ml



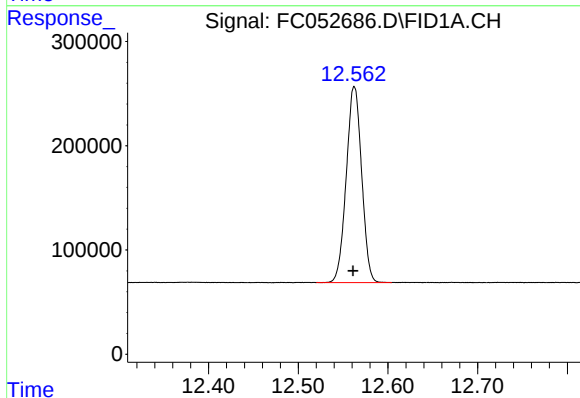
#9 ortho-Terphenyl (SURR)

R.T.: 11.570 min  
Delta R.T.: 0.002 min  
Response: 2379636  
Conc: 17.75 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

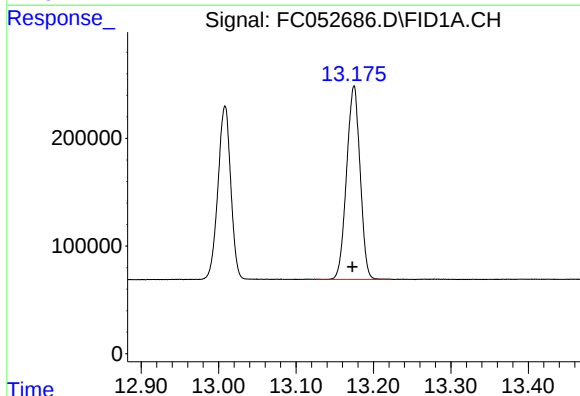
Manual Integrations  
APPROVED

Ankita  
3/25/2021 10:06:15 AM



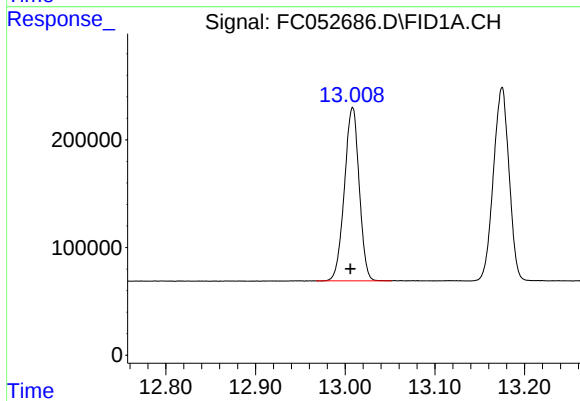
#10 n-Eicosane (C20)

R.T.: 12.563 min  
Delta R.T.: 0.001 min  
Response: 2240406  
Conc: 17.55 ug/ml



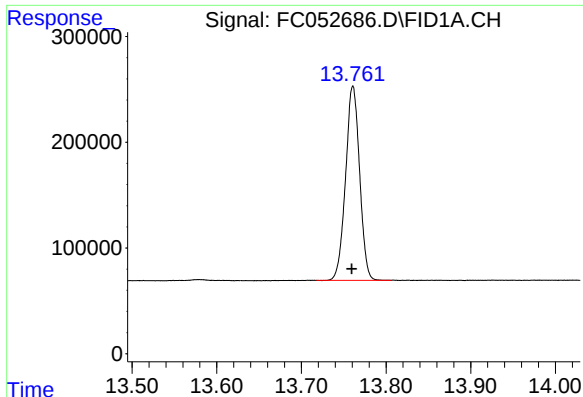
#11 n-Heneicosane (C21)

R.T.: 13.175 min  
Delta R.T.: 0.002 min  
Response: 2176146  
Conc: 17.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.008 min  
Delta R.T.: 0.002 min  
Response: 1845839  
Conc: 17.11 ug/ml



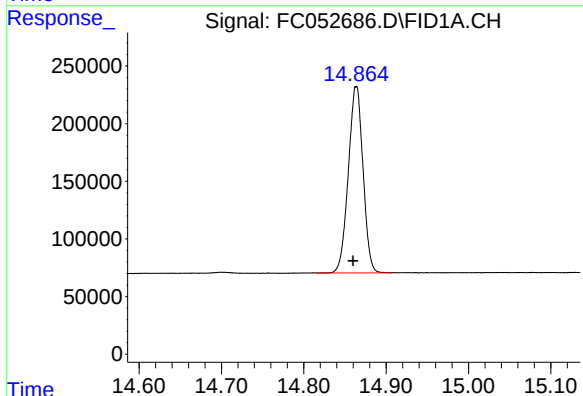
#13 n-Docosane (C22)

R.T.: 13.761 min  
Delta R.T.: 0.002 min  
Response: 2116943  
Conc: 16.71 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

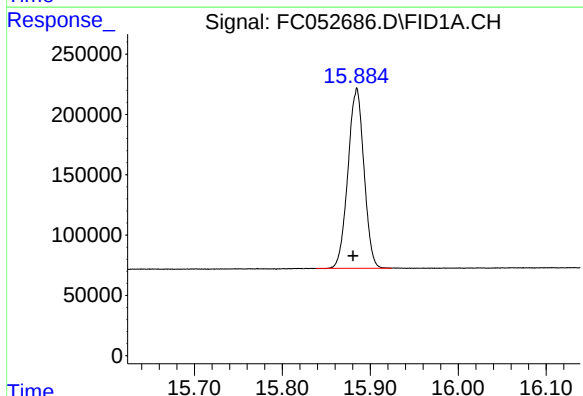
Manual Integrations  
APPROVED

Ankita  
3/25/2021 10:06:15 AM



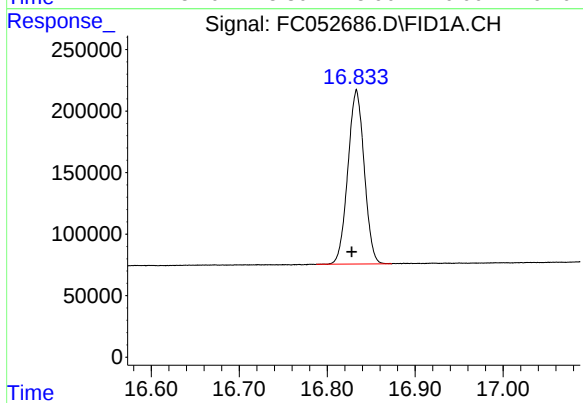
#14 n-Tetracosane (C24)

R.T.: 14.864 min  
Delta R.T.: 0.004 min  
Response: 2004225  
Conc: 16.04 ug/ml



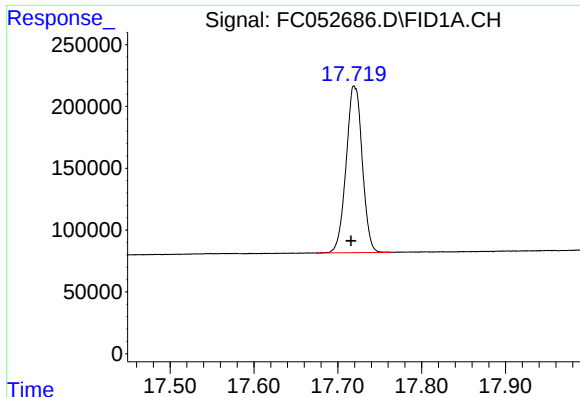
#15 n-Hexacosane (C26)

R.T.: 15.885 min  
Delta R.T.: 0.004 min  
Response: 1888208  
Conc: 15.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.833 min  
Delta R.T.: 0.006 min  
Response: 1825398  
Conc: 15.83 ug/ml



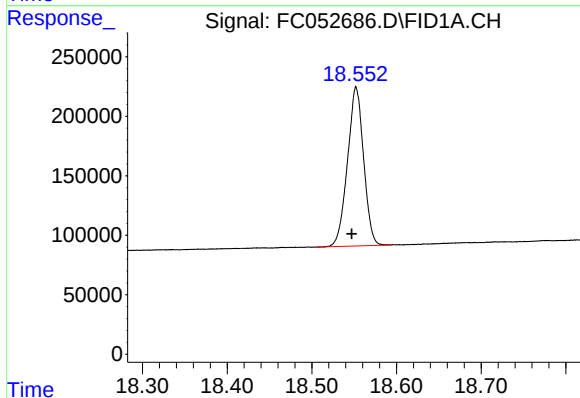
#17 n-Tricontane (C30)

R.T.: 17.720 min  
Delta R.T.: 0.004 min  
Response: 1798897  
Conc: 16.51 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

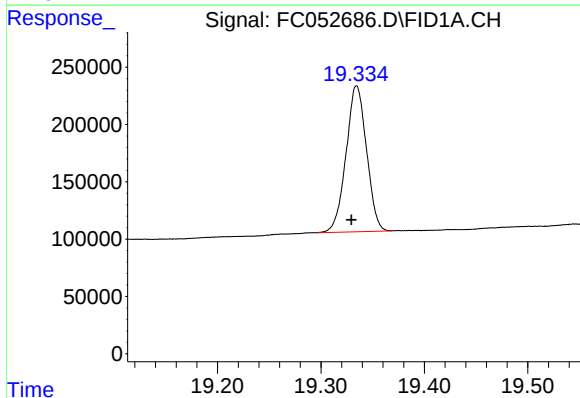
Manual Integrations  
APPROVED

Ankita  
3/25/2021 10:06:15 AM



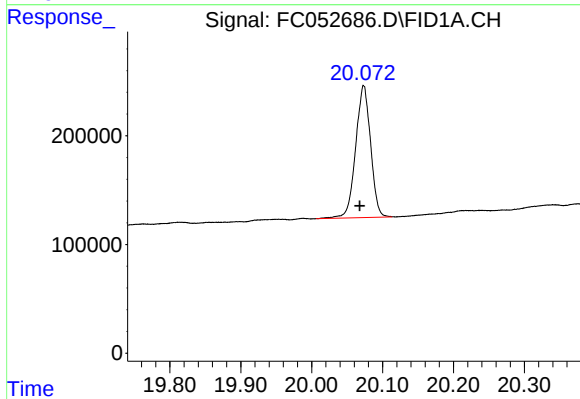
#18 n-Dotriacontane (C32)

R.T.: 18.552 min  
Delta R.T.: 0.005 min  
Response: 1765709  
Conc: 17.60 ug/ml



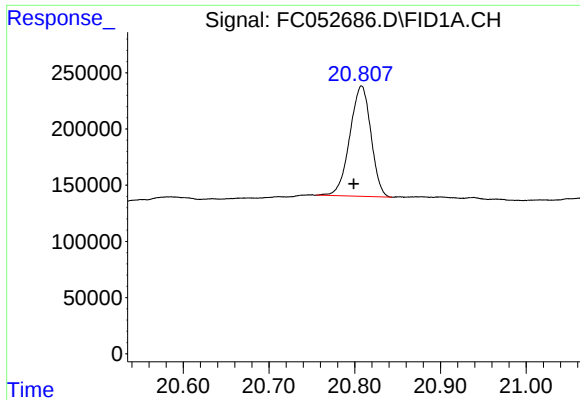
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min  
Delta R.T.: 0.005 min  
Response: 1754964  
Conc: 19.09 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.072 min  
Delta R.T.: 0.005 min  
Response: 1780433  
Conc: 19.52 ug/ml m



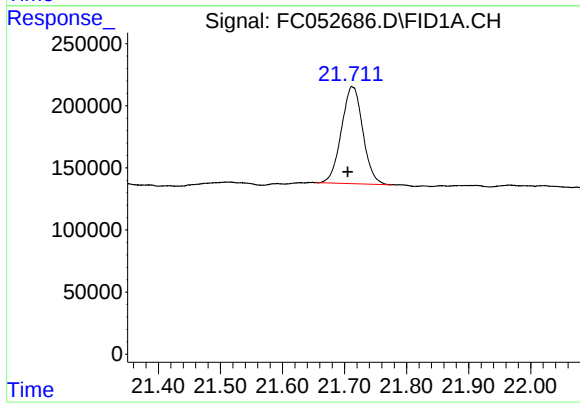
#21 n-Octatriacontane (C38)

R.T.: 20.807 min  
Delta R.T.: 0.008 min  
Response: 1680177  
Conc: 20.59 ug/ml m

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

Manual Integrations  
APPROVED

Ankita  
3/25/2021 10:06:15 AM



#22 n-Tetracontane (C40)

R.T.: 21.711 min  
Delta R.T.: 0.006 min  
Response: 1868668  
Conc: 21.69 ug/ml m