

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030419AL\  
 Data File : FC039587.D  
 Signal(s) : FID1A.CH  
 Acq On : 05 Mar 2019 00:33  
 Operator : AJ\SJ  
 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

Sohil  
 3/5/2019 1:39:13 PM

Integration File: autoint1.e  
 Quant Time: Mar 05 04:49:48 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022219.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 25 18:21:16 2019  
 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)    | 11.159 | 2909583    | 17.298 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.60%        |
| 12) S 1-chlorooctadecane (S... | 12.604 | 2114017    | 16.759 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 33.52%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.030  | 2123744    | 17.695 ug/ml  |
| 2) T n-Decane (C10)            | 4.078  | 2124816    | 17.637 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.628  | 2310585    | 17.757 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.075  | 2148621    | 17.391 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.674  | 2163220    | 16.681 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.853  | 2136224    | 16.772 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.439  | 2140059    | 16.514 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.868 | 2131013    | 15.841 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.167 | 2145399    | 16.453 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.775 | 2142964    | 16.897 ug/ml  |
| 13) T n-Docosane (C22)         | 13.357 | 2132191    | 16.927 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.453 | 2139927    | 17.121 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.467 | 2126766    | 17.050 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.412 | 2136695    | 15.987 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.294 | 2106178    | 14.351 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.124 | 2042509    | 15.205 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.902 | 1770617    | 15.566 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.640 | 1550649    | 16.078 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.334 | 1453603    | 15.832 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.099 | 1533476    | 16.896 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030419AL\  
Data File : FC039587.D  
Signal(s) : FID1A.CH  
Acq On : 05 Mar 2019 00:33  
Operator : AJ\SJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

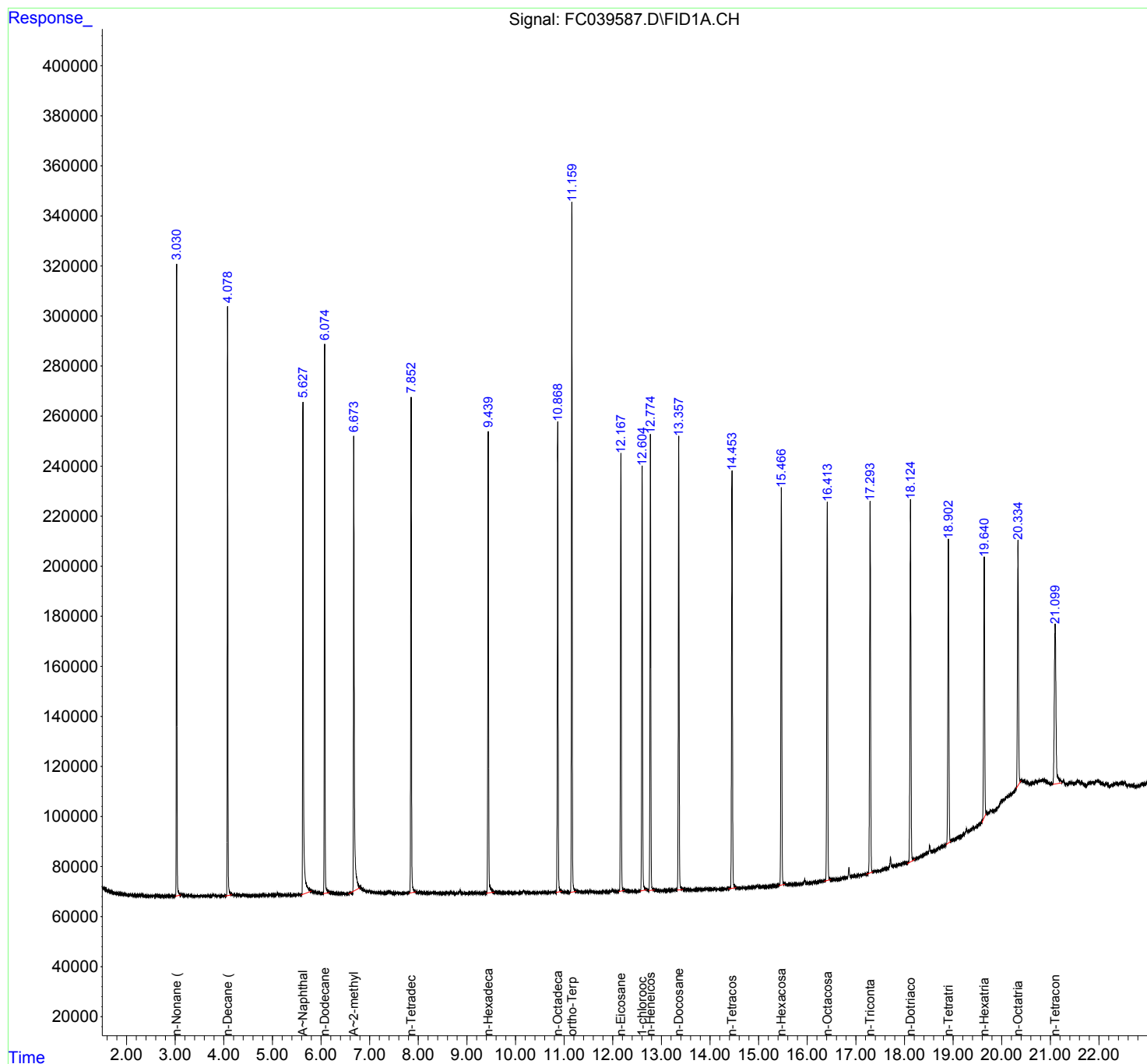
Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

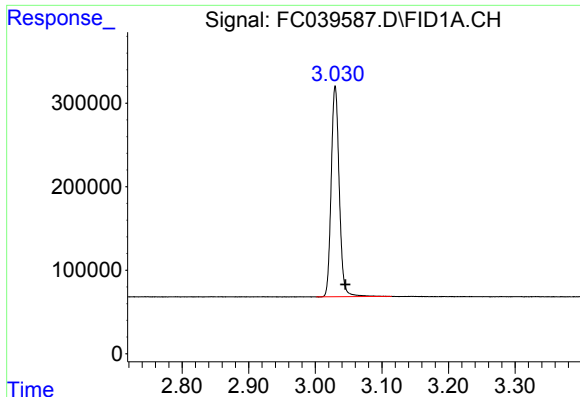
Manual Integrations  
APPROVED

Sohil  
3/5/2019 1:39:13 PM

Integration File: autoint1.e  
Quant Time: Mar 05 04:49:48 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 022219.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 25 18:21:16 2019  
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





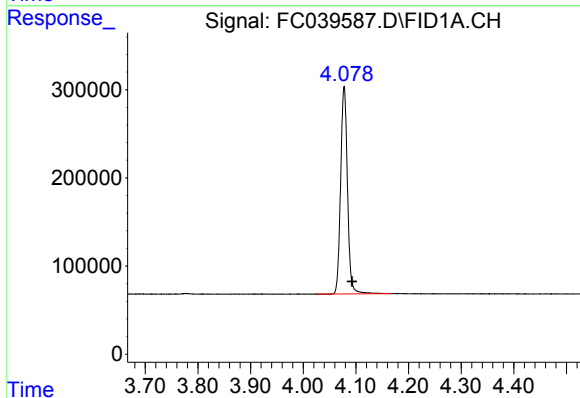
#1 n-Nonane (C9)

R.T.: 3.030 min  
Delta R.T.: -0.015 min  
Response: 2123744  
Conc: 17.69 ug/ml

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

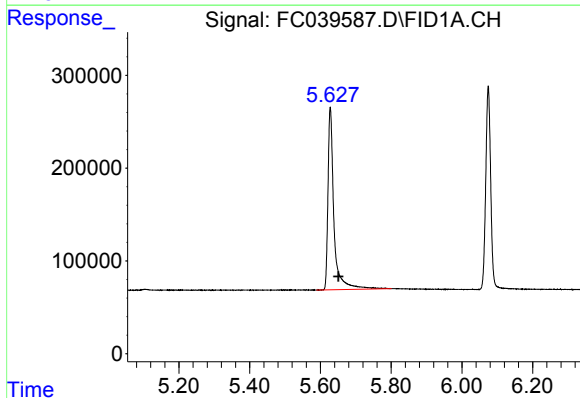
Manual Integrations  
APPROVED

Sohil  
3/5/2019 1:39:13 PM



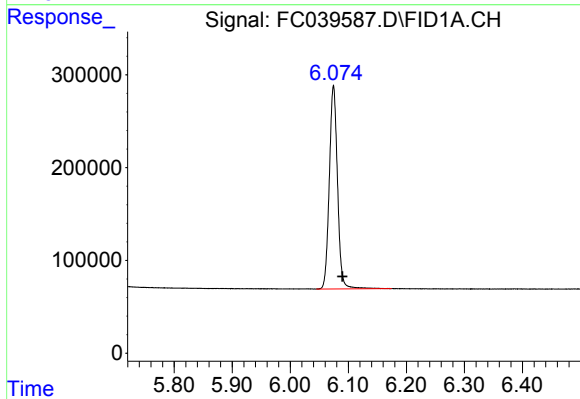
#2 n-Decane (C10)

R.T.: 4.078 min  
Delta R.T.: -0.015 min  
Response: 2124816  
Conc: 17.64 ug/ml



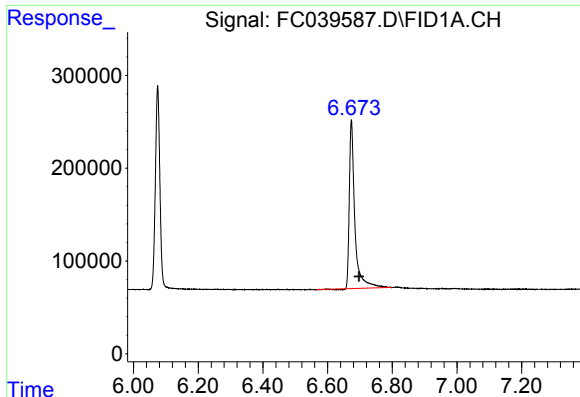
#3 A~Naphthalene (C11.7)

R.T.: 5.628 min  
Delta R.T.: -0.022 min  
Response: 2310585  
Conc: 17.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.075 min  
Delta R.T.: -0.015 min  
Response: 2148621  
Conc: 17.39 ug/ml



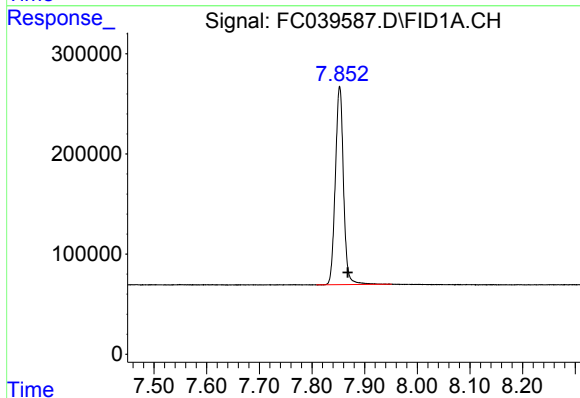
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.674 min  
Delta R.T.: -0.023 min  
Response: 2163220  
Conc: 16.68 ug/ml

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

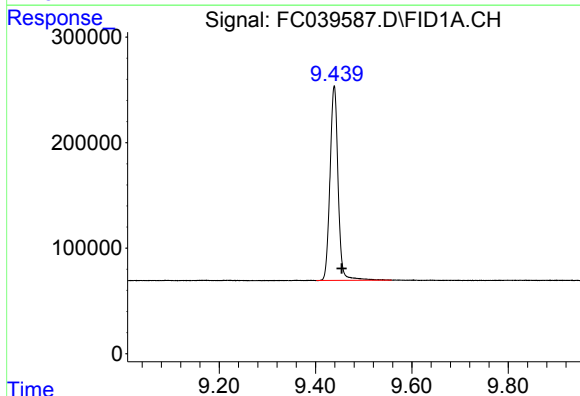
Manual Integrations  
APPROVED

Sohil  
3/5/2019 1:39:13 PM



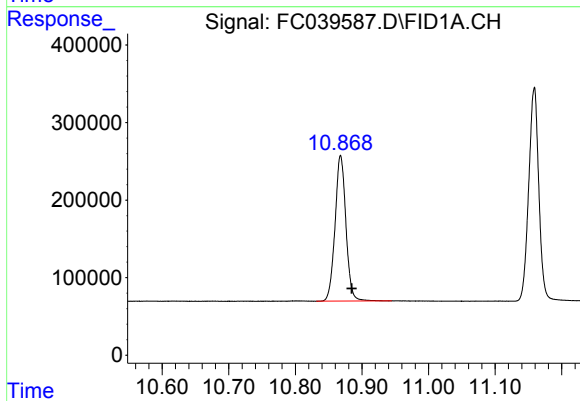
#6 n-Tetradecane (C14)

R.T.: 7.853 min  
Delta R.T.: -0.016 min  
Response: 2136224  
Conc: 16.77 ug/ml



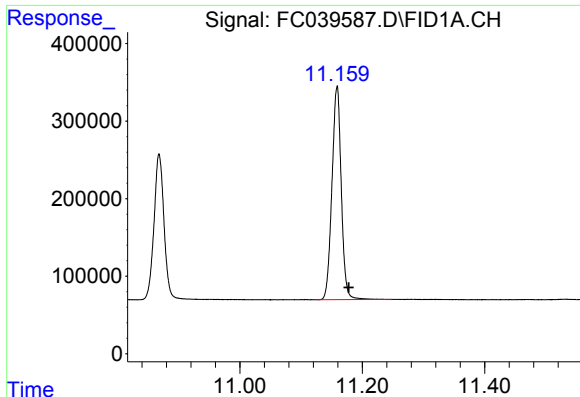
#7 n-Hexadecane (C16)

R.T.: 9.439 min  
Delta R.T.: -0.016 min  
Response: 2140059  
Conc: 16.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.868 min  
Delta R.T.: -0.017 min  
Response: 2131013  
Conc: 15.84 ug/ml



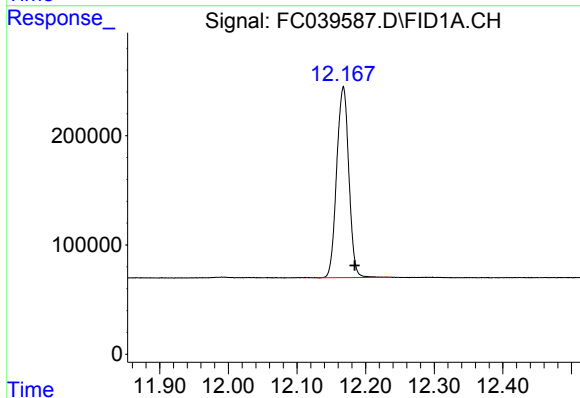
#9 ortho-Terphenyl (SURR)

R.T.: 11.159 min  
Delta R.T.: -0.019 min  
Response: 2909583  
Conc: 17.30 ug/ml

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

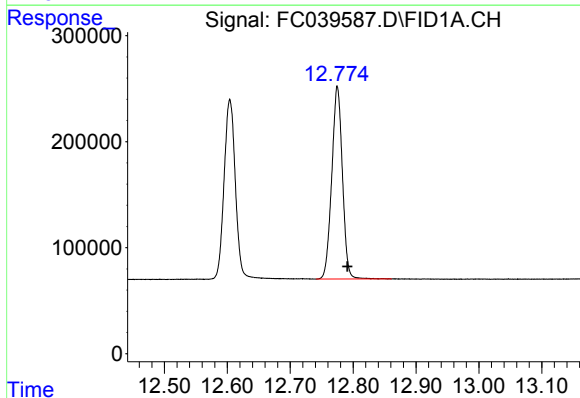
Manual Integrations  
APPROVED

Sohil  
3/5/2019 1:39:13 PM



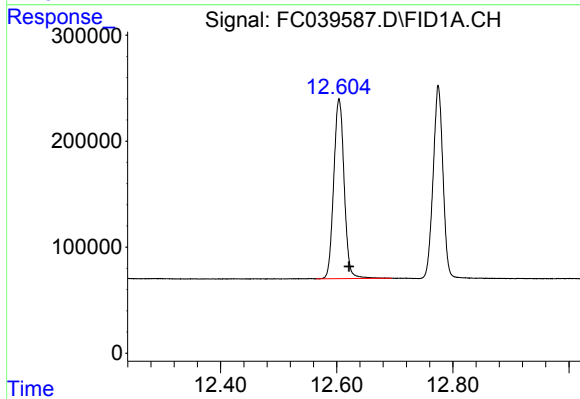
#10 n-Eicosane (C20)

R.T.: 12.167 min  
Delta R.T.: -0.017 min  
Response: 2145399  
Conc: 16.45 ug/ml



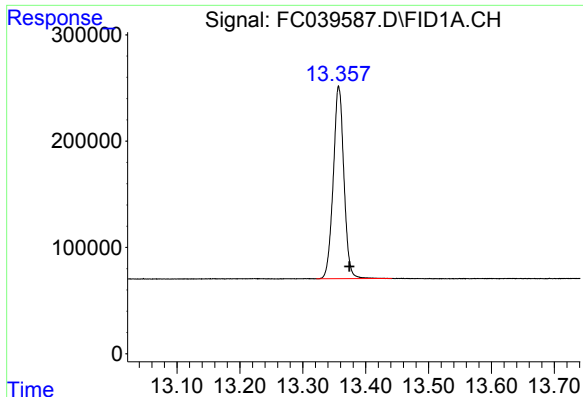
#11 n-Heneicosane (C21)

R.T.: 12.775 min  
Delta R.T.: -0.016 min  
Response: 2142964  
Conc: 16.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.604 min  
Delta R.T.: -0.017 min  
Response: 2114017  
Conc: 16.76 ug/ml



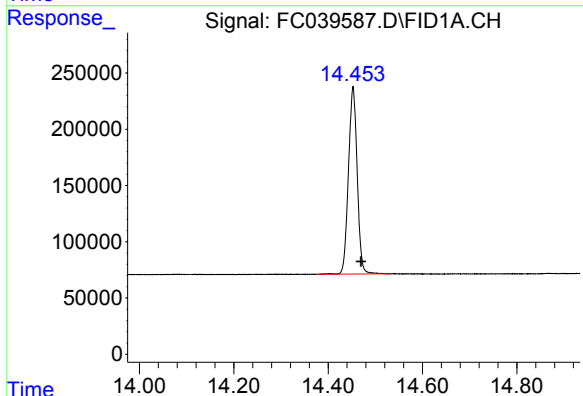
#13 n-Docosane (C22)

R.T.: 13.357 min  
Delta R.T.: -0.017 min  
Response: 2132191  
Conc: 16.93 ug/ml

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

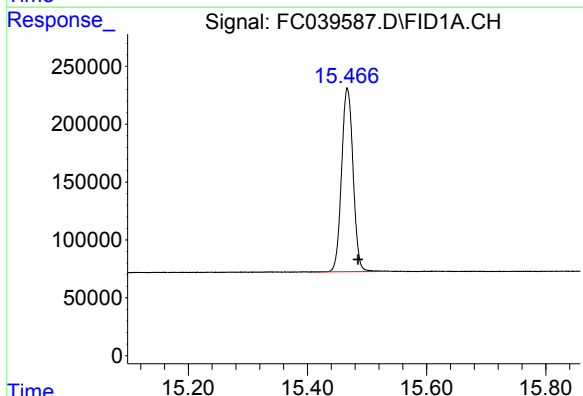
Manual Integrations  
APPROVED

Sohil  
3/5/2019 1:39:13 PM



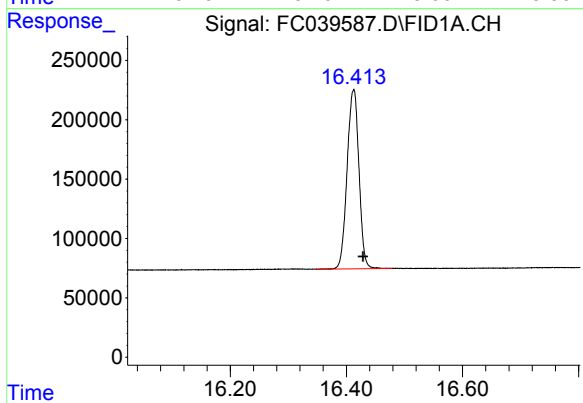
#14 n-Tetracosane (C24)

R.T.: 14.453 min  
Delta R.T.: -0.017 min  
Response: 2139927  
Conc: 17.12 ug/ml



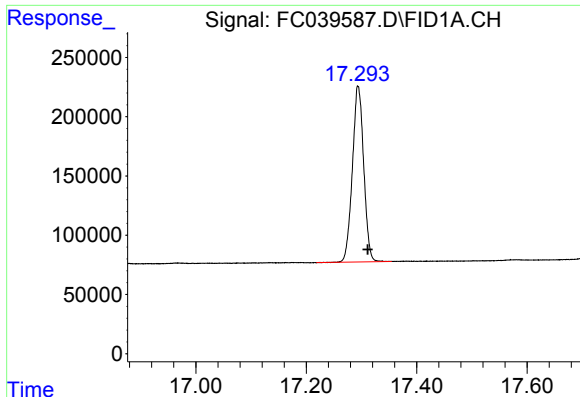
#15 n-Hexacosane (C26)

R.T.: 15.467 min  
Delta R.T.: -0.018 min  
Response: 2126766  
Conc: 17.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.412 min  
Delta R.T.: -0.017 min  
Response: 2136695  
Conc: 15.99 ug/ml



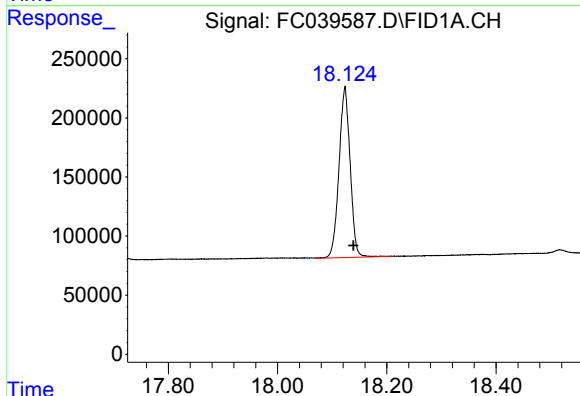
#17 n-Tricontane (C30)

R.T.: 17.294 min  
Delta R.T.: -0.017 min  
Response: 2106178  
Conc: 14.35 ug/ml

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

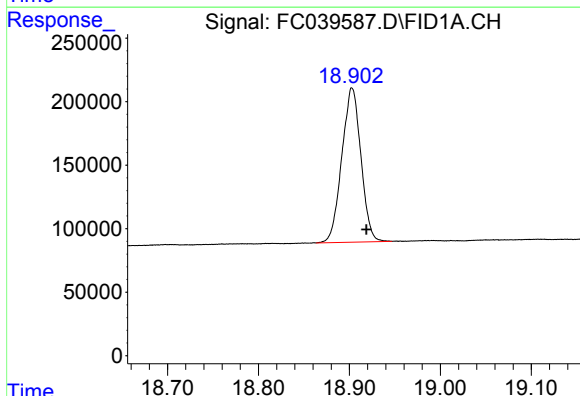
Manual Integrations  
APPROVED

Sohil  
3/5/2019 1:39:13 PM



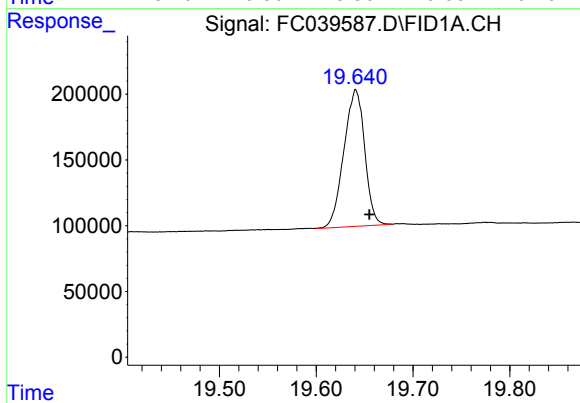
#18 n-Dotriacontane (C32)

R.T.: 18.124 min  
Delta R.T.: -0.016 min  
Response: 2042509  
Conc: 15.20 ug/ml m



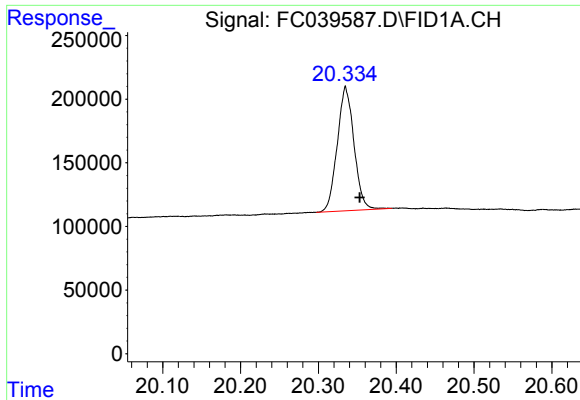
#19 n-Tetratriacontane (C34)

R.T.: 18.902 min  
Delta R.T.: -0.017 min  
Response: 1770617  
Conc: 15.57 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.640 min  
Delta R.T.: -0.015 min  
Response: 1550649  
Conc: 16.08 ug/ml m



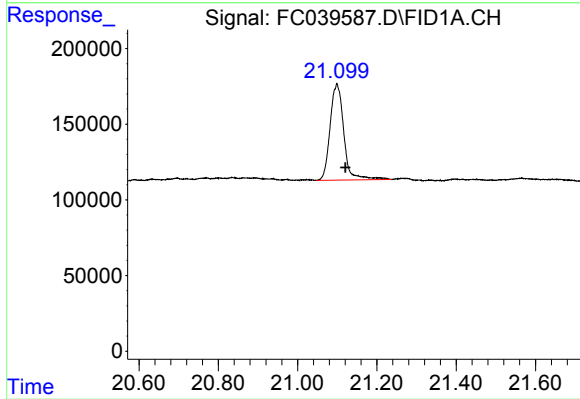
#21 n-Octatriacontane (C38)

R.T.: 20.334 min  
Delta R.T.: -0.019 min  
Response: 1453603  
Conc: 15.83 ug/ml m

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

Manual Integrations  
APPROVED

Sohil  
3/5/2019 1:39:13 PM



#22 n-Tetracontane (C40)

R.T.: 21.099 min  
Delta R.T.: -0.022 min  
Response: 1533476  
Conc: 16.90 ug/ml m