

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082319AL\  
 Data File : FC043099.D  
 Signal(s) : FID1A.CH  
 Acq On : 24 Aug 2019 5:52  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Manual Integrations  
 APPROVED

Ankita  
 8/26/2019 3:05:31 PM

Integration File: sample.E  
 Quant Time: Sep 04 02:32:57 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080819.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 04 02:30:02 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)    | 11.641 | 2677305    | 18.848 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.70%        |
| 12) S 1-chlorooctadecane (S... | 13.064 | 2195745    | 18.499 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.00%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.461  | 2587802    | 20.868 ug/mlm |
| 2) T n-Decane (C10)            | 4.522  | 2693836    | 21.472 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.105  | 2978617    | 21.989 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.521  | 2761146    | 21.770 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.152  | 2887534    | 21.227 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.300  | 2729766    | 21.394 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.887  | 2691900    | 20.826 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.319 | 2632963    | 19.900 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.619 | 2582058    | 19.102 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.228 | 2529299    | 18.711 ug/ml  |
| 13) T n-Docosane (C22)         | 13.811 | 2512494    | 18.507 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.908 | 2503839    | 18.388 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.924 | 2583292    | 19.151 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.869 | 2699551    | 20.287 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.753 | 2833680    | 22.130 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.581 | 2492835    | 21.379 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.361 | 1994640    | 20.762 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.099 | 1740439    | 20.981 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.832 | 1615959    | 21.843 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.743 | 1672901    | 23.160 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082319AL\  
Data File : FC043099.D  
Signal(s) : FID1A.CH  
Acq On : 24 Aug 2019 5:52  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

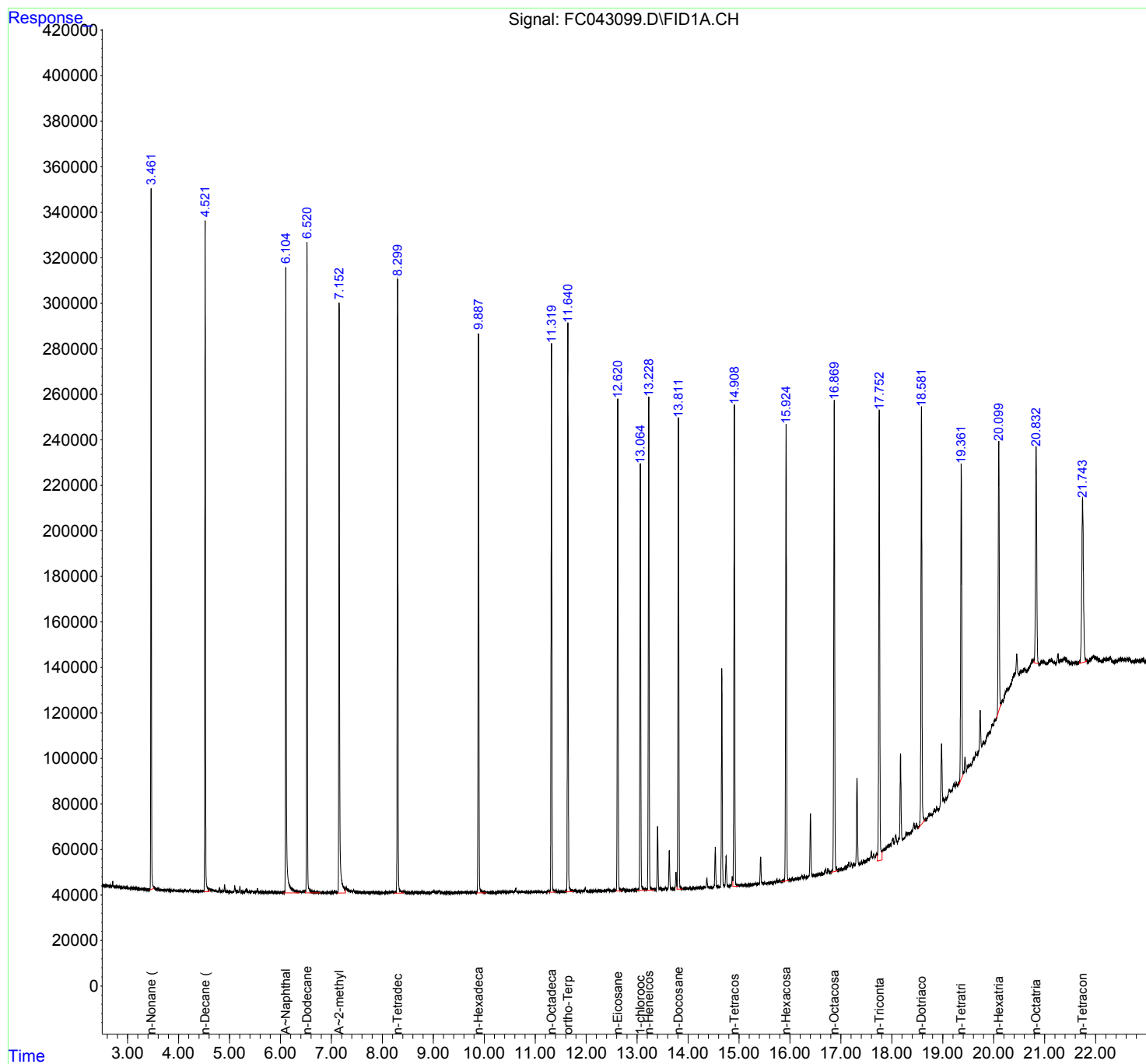
Instrument :  
FID\_C  
ClientSampleId :

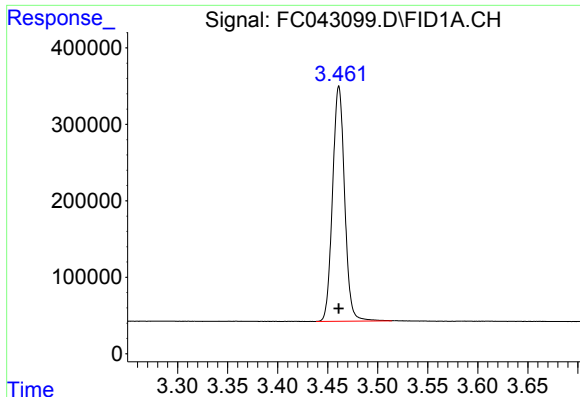
Manual Integrations  
APPROVED

Ankita  
8/26/2019 3:05:31 PM

Integration File: sample.E  
Quant Time: Sep 04 02:32:57 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 080819.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 04 02:30:02 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





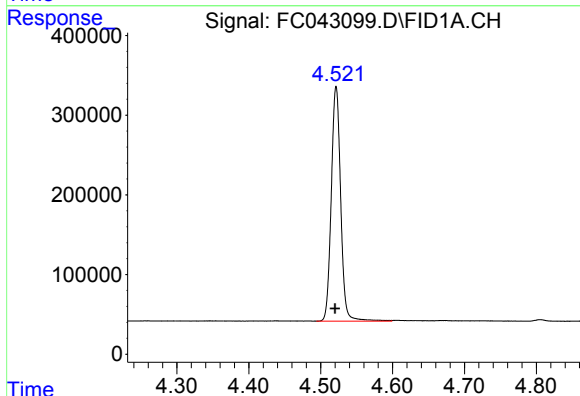
#1 n-Nonane (C9)

R.T.: 3.461 min  
Delta R.T.: 0.000 min  
Response: 2587802  
Conc: 20.87 ug/ml m

Instrument :  
FID\_C  
ClientSampleId :

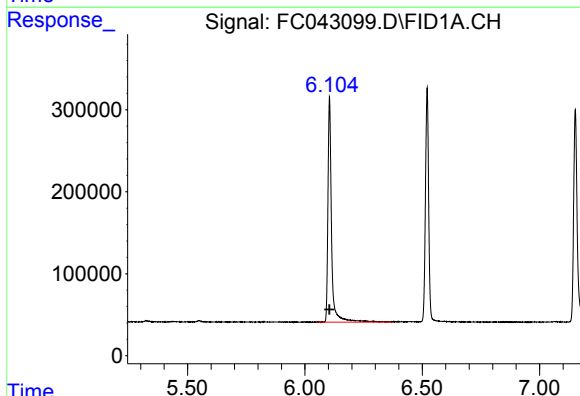
Manual Integrations  
APPROVED

Ankita  
8/26/2019 3:05:31 PM



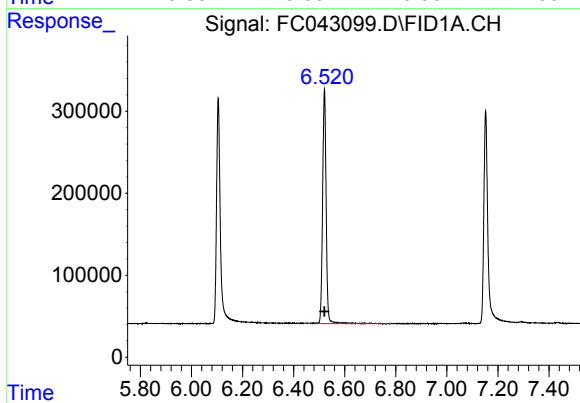
#2 n-Decane (C10)

R.T.: 4.522 min  
Delta R.T.: 0.001 min  
Response: 2693836  
Conc: 21.47 ug/ml



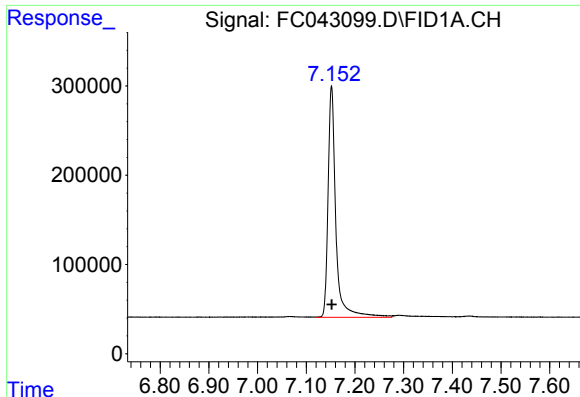
#3 A~Naphthalene (C11.7)

R.T.: 6.105 min  
Delta R.T.: 0.000 min  
Response: 2978617  
Conc: 21.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.521 min  
Delta R.T.: 0.000 min  
Response: 2761146  
Conc: 21.77 ug/ml



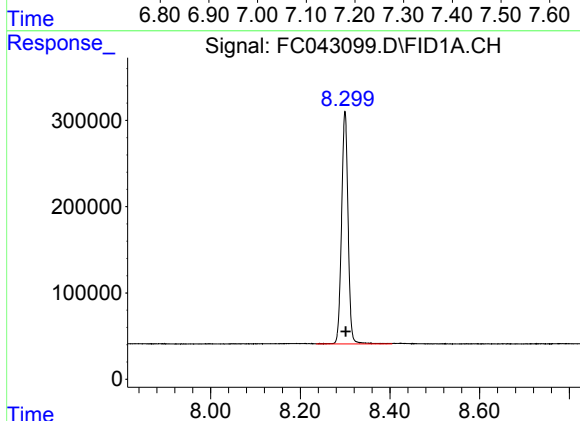
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.152 min  
Delta R.T.: 0.000 min  
Response: 2887534  
Conc: 21.23 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

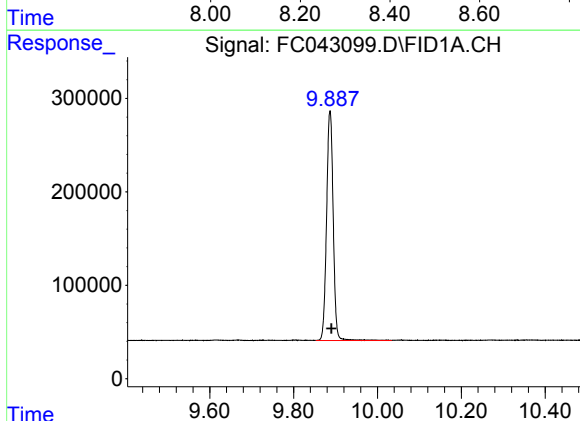
Manual Integrations  
APPROVED

Ankita  
8/26/2019 3:05:31 PM



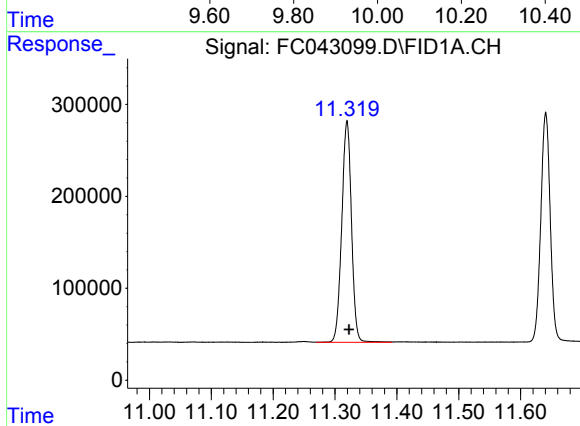
#6 n-Tetradecane (C14)

R.T.: 8.300 min  
Delta R.T.: -0.001 min  
Response: 2729766  
Conc: 21.39 ug/ml



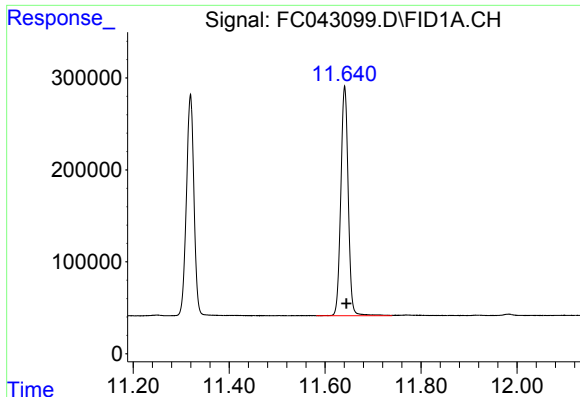
#7 n-Hexadecane (C16)

R.T.: 9.887 min  
Delta R.T.: -0.003 min  
Response: 2691900  
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.319 min  
Delta R.T.: -0.003 min  
Response: 2632963  
Conc: 19.90 ug/ml



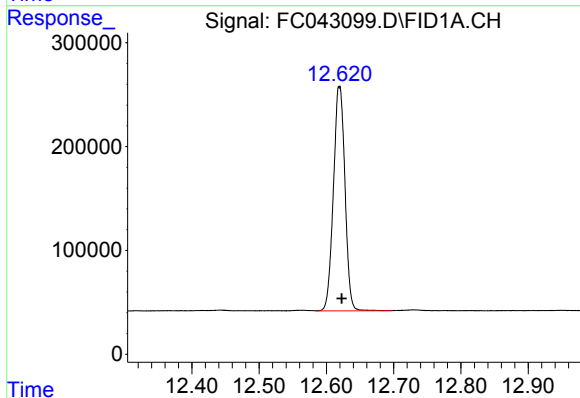
#9 ortho-Terphenyl (SURR)

R.T.: 11.641 min  
Delta R.T.: -0.004 min  
Response: 2677305  
Conc: 18.85 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

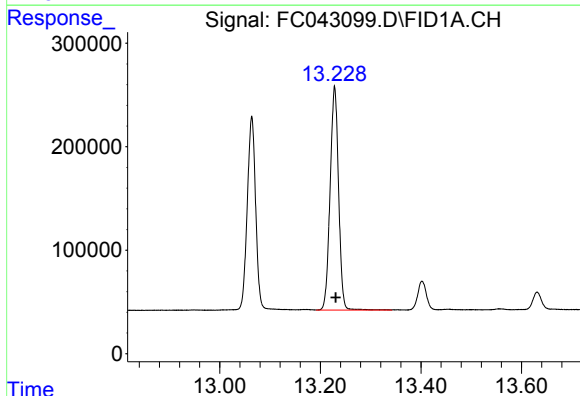
Manual Integrations  
APPROVED

Ankita  
8/26/2019 3:05:31 PM



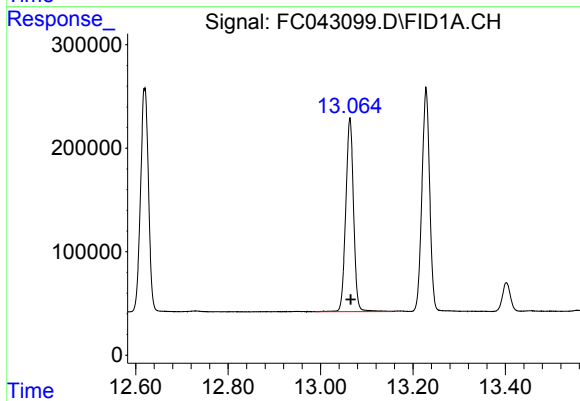
#10 n-Eicosane (C20)

R.T.: 12.619 min  
Delta R.T.: -0.003 min  
Response: 2582058  
Conc: 19.10 ug/ml



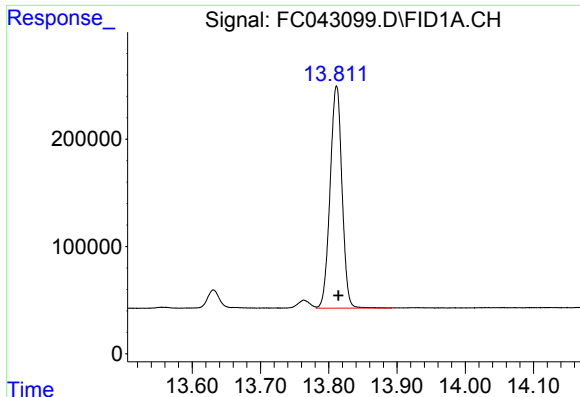
#11 n-Heneicosane (C21)

R.T.: 13.228 min  
Delta R.T.: -0.002 min  
Response: 2529299  
Conc: 18.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.064 min  
Delta R.T.: -0.002 min  
Response: 2195745  
Conc: 18.50 ug/ml



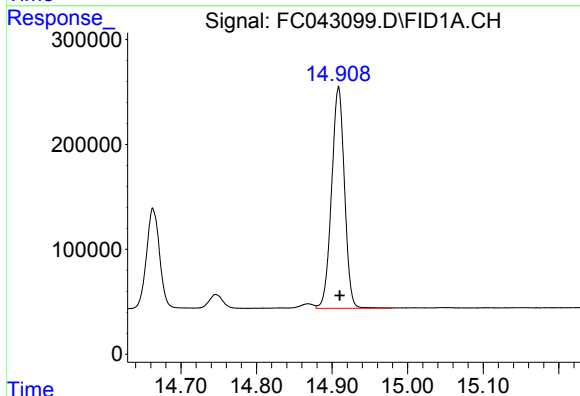
#13 n-Docosane (C22)

R.T.: 13.811 min  
Delta R.T.: -0.003 min  
Response: 2512494  
Conc: 18.51 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

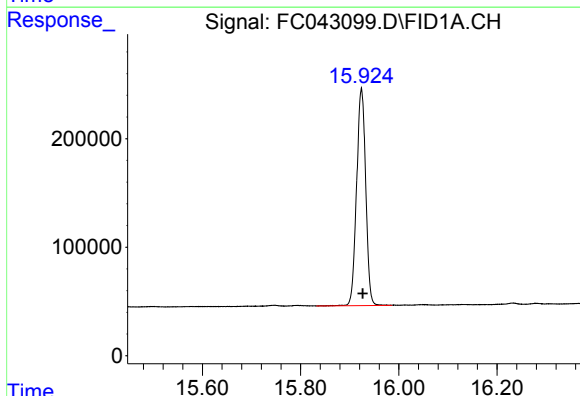
Manual Integrations  
APPROVED

Ankita  
8/26/2019 3:05:31 PM



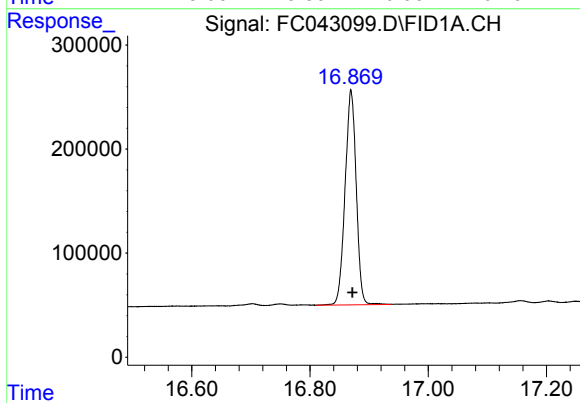
#14 n-Tetracosane (C24)

R.T.: 14.908 min  
Delta R.T.: -0.002 min  
Response: 2503839  
Conc: 18.39 ug/ml



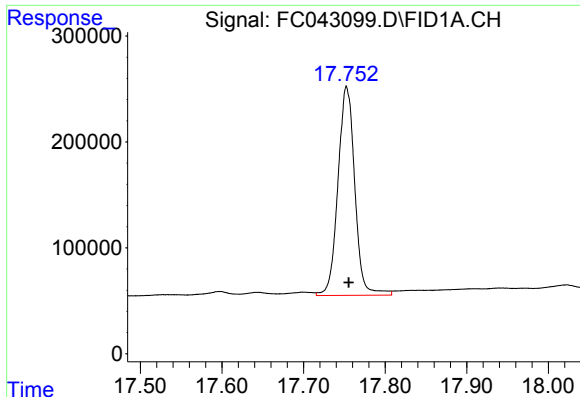
#15 n-Hexacosane (C26)

R.T.: 15.924 min  
Delta R.T.: -0.002 min  
Response: 2583292  
Conc: 19.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.869 min  
Delta R.T.: -0.002 min  
Response: 2699551  
Conc: 20.29 ug/ml



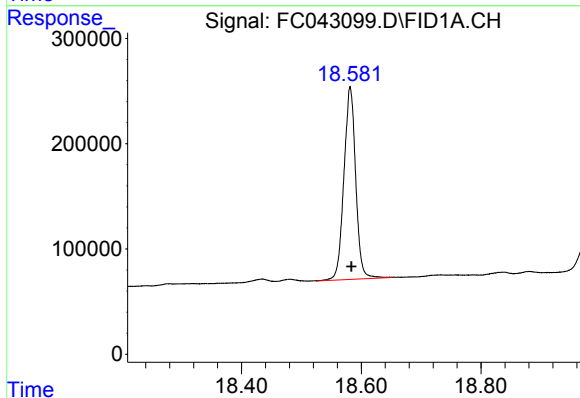
#17 n-Tricontane (C30)

R.T.: 17.753 min  
Delta R.T.: -0.002 min  
Response: 2833680  
Conc: 22.13 ug/ml

Instrument :  
FID\_C  
ClientSampleId :

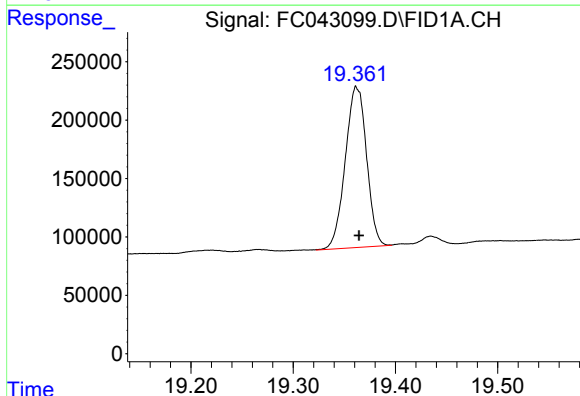
Manual Integrations  
APPROVED

Ankita  
8/26/2019 3:05:31 PM



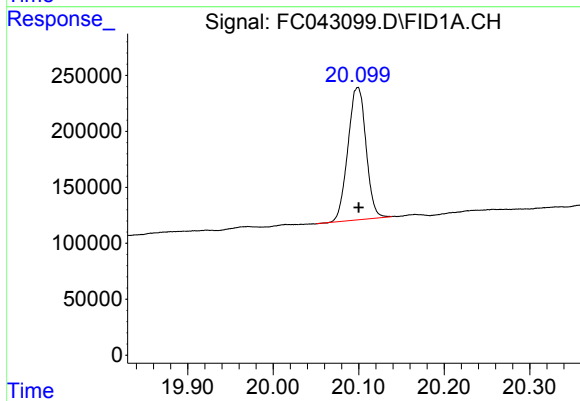
#18 n-Dotriacontane (C32)

R.T.: 18.581 min  
Delta R.T.: -0.002 min  
Response: 2492835  
Conc: 21.38 ug/ml m



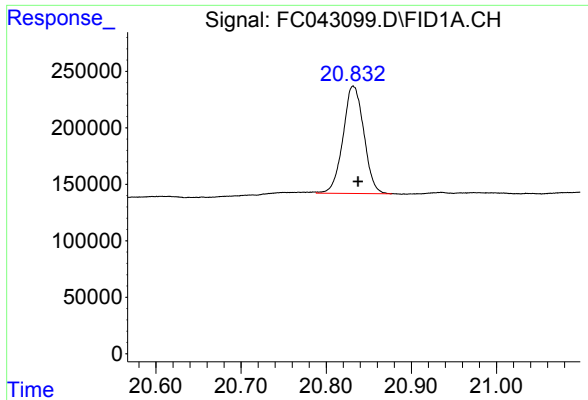
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min  
Delta R.T.: -0.004 min  
Response: 1994640  
Conc: 20.76 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.099 min  
Delta R.T.: 0.000 min  
Response: 1740439  
Conc: 20.98 ug/ml m



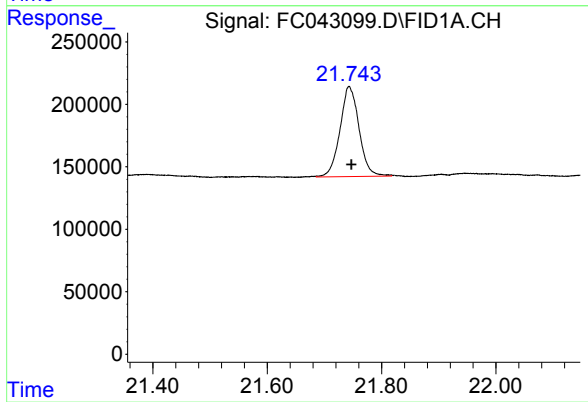
#21 n-Octatriacontane (C38)

R.T.: 20.832 min  
Delta R.T.: -0.006 min  
Response: 1615959  
Conc: 21.84 ug/ml m

Instrument :  
FID\_C  
ClientSampleId :

Manual Integrations  
APPROVED

Ankita  
8/26/2019 3:05:31 PM



#22 n-Tetracontane (C40)

R.T.: 21.743 min  
Delta R.T.: -0.004 min  
Response: 1672901  
Conc: 23.16 ug/ml m