

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061920AL\  
 Data File : FC047993.D  
 Signal(s) : FID1A.CH  
 Acq On : 20 Jun 2020 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

Sohil  
 6/23/2020 8:03:35 AM

Integration File: autoint1.e  
 Quant Time: Jun 22 00:46:41 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 060920.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 10 08:39:57 2020  
 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)    | 11.726 | 2288883    | 19.081 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.16%        |
| 12) S 1-chlorooctadecane (S... | 13.139 | 1832560    | 18.712 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.42%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.537  | 2138727    | 21.372 ug/ml  |
| 2) T n-Decane (C10)            | 4.600  | 2174648    | 21.643 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.200  | 2152325    | 21.332 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.599  | 2259789    | 21.587 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.246  | 2181025    | 21.071 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.376  | 2249694    | 21.435 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.963  | 2195016    | 21.009 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.393 | 2236888    | 20.123 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.692 | 2190013    | 19.244 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.300 | 2149808    | 18.787 ug/ml  |
| 13) T n-Docosane (C22)         | 13.882 | 2104572    | 18.347 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.978 | 2018904    | 17.569 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.991 | 1936019    | 16.949 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.935 | 1903464    | 16.747 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.818 | 1856637    | 16.941 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.645 | 1731965    | 17.471 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.423 | 1686600    | 18.416 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.158 | 1620754    | 18.899 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.910 | 1569222    | 19.705 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.852 | 1572614    | 19.890 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061920AL\  
Data File : FC047993.D  
Signal(s) : FID1A.CH  
Acq On : 20 Jun 2020 16:16  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

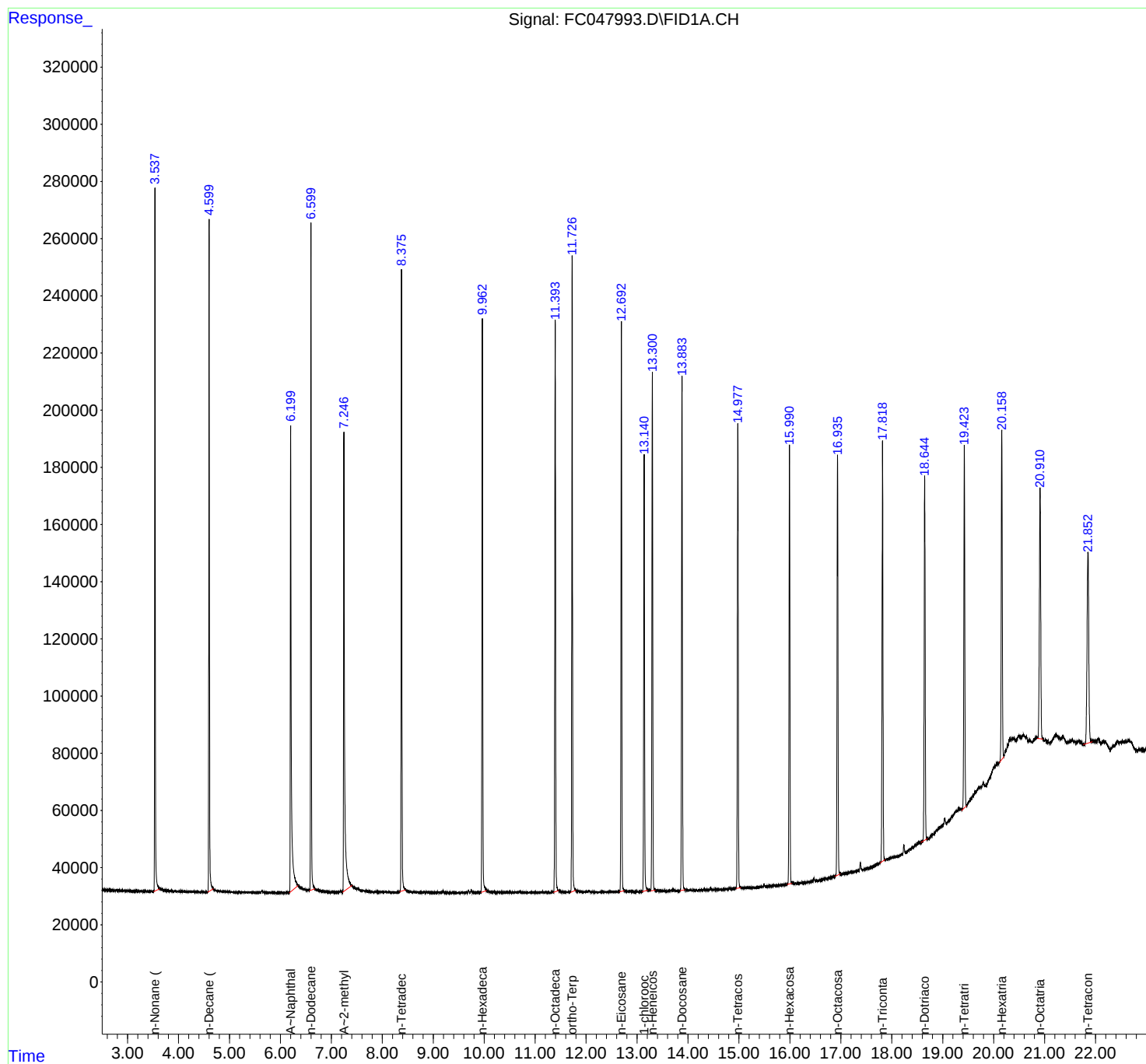
Instrument :  
FID\_C  
ClientSampled :  
20 PPM ALIPHATIC HC STD

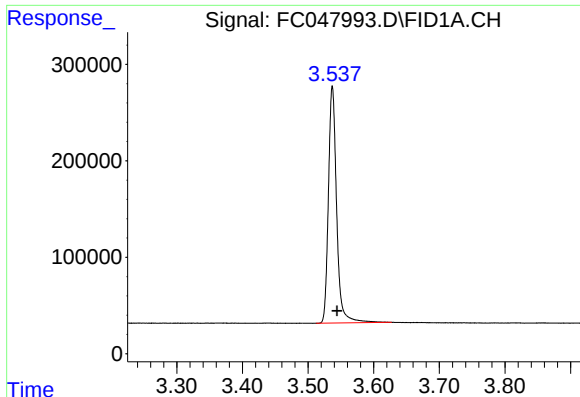
Manual Integrations  
APPROVED

Sohil  
6/23/2020 8:03:35 AM

Integration File: autoint1.e  
Quant Time: Jun 22 00:46:41 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 060920.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 10 08:39:57 2020  
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





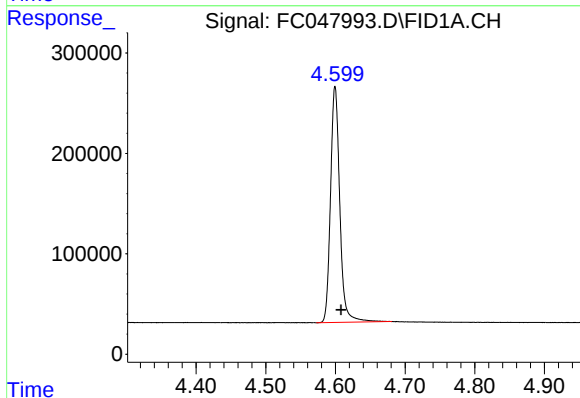
#1 n-Nonane (C9)

R.T.: 3.537 min  
Delta R.T.: -0.007 min  
Response: 2138727  
Conc: 21.37 ug/ml

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

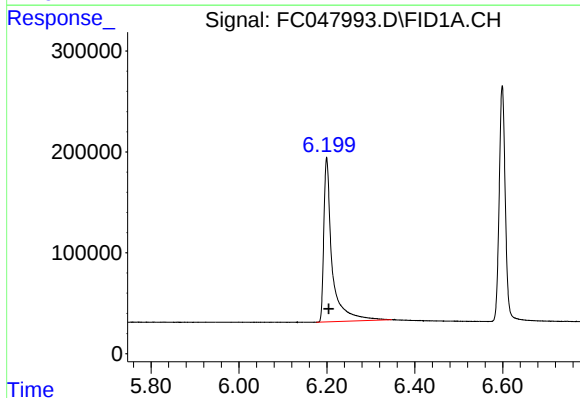
Manual Integrations  
APPROVED

Sohil  
6/23/2020 8:03:35 AM



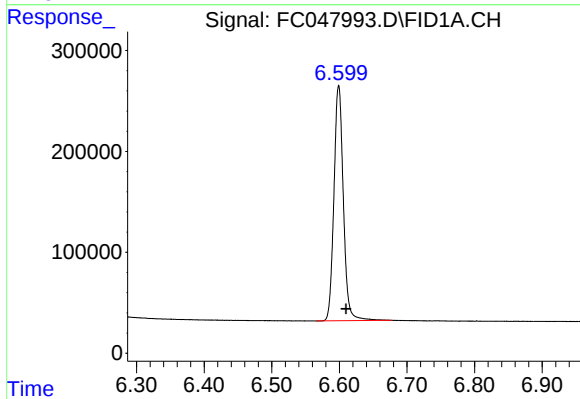
#2 n-Decane (C10)

R.T.: 4.600 min  
Delta R.T.: -0.009 min  
Response: 2174648  
Conc: 21.64 ug/ml



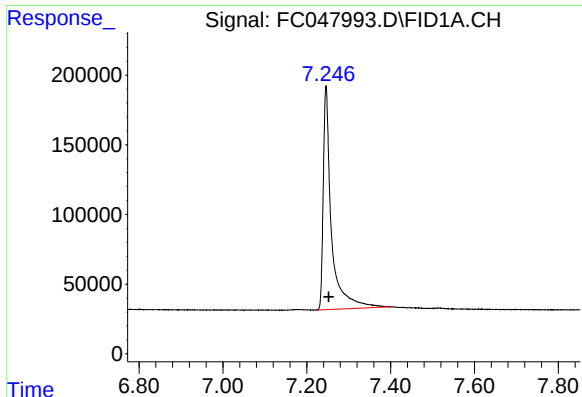
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min  
Delta R.T.: -0.004 min  
Response: 2152325  
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.599 min  
Delta R.T.: -0.011 min  
Response: 2259789  
Conc: 21.59 ug/ml



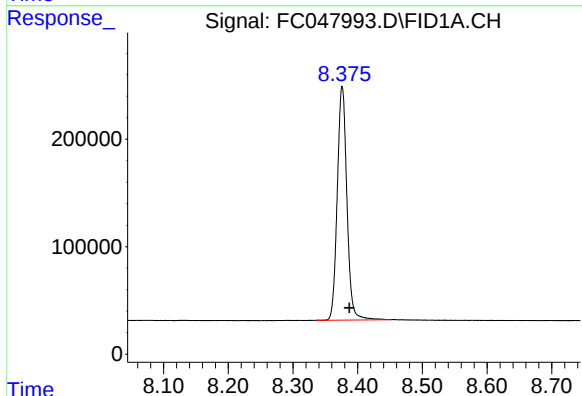
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.246 min  
Delta R.T.: -0.007 min  
Response: 2181025  
Conc: 21.07 ug/ml

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

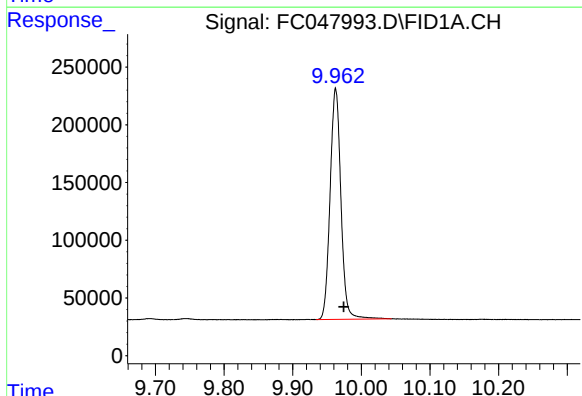
Manual Integrations  
APPROVED

Sohil  
6/23/2020 8:03:35 AM



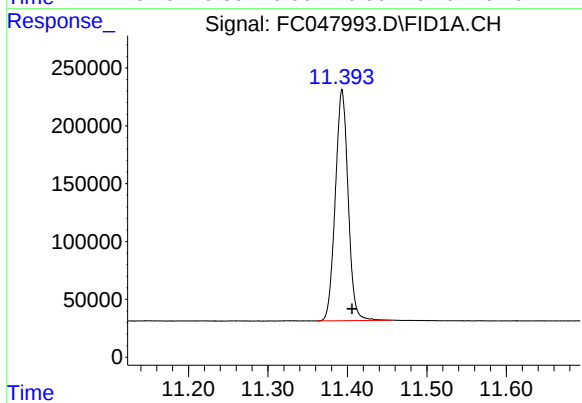
#6 n-Tetradecane (C14)

R.T.: 8.376 min  
Delta R.T.: -0.011 min  
Response: 2249694  
Conc: 21.43 ug/ml



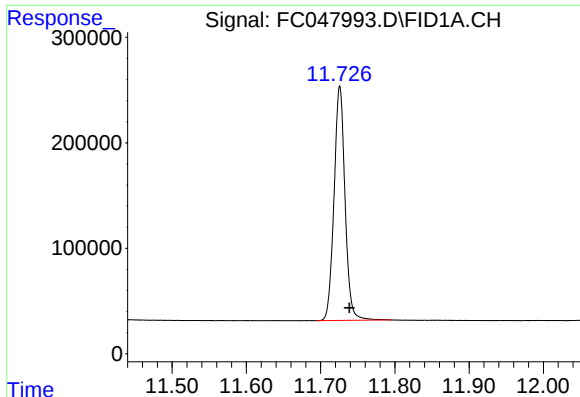
#7 n-Hexadecane (C16)

R.T.: 9.963 min  
Delta R.T.: -0.012 min  
Response: 2195016  
Conc: 21.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.393 min  
Delta R.T.: -0.013 min  
Response: 2236888  
Conc: 20.12 ug/ml



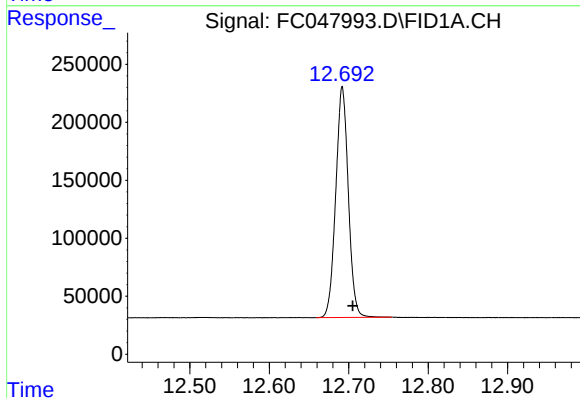
#9 ortho-Terphenyl (SURR)

R.T.: 11.726 min  
Delta R.T.: -0.013 min  
Response: 2288883  
Conc: 19.08 ug/ml

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

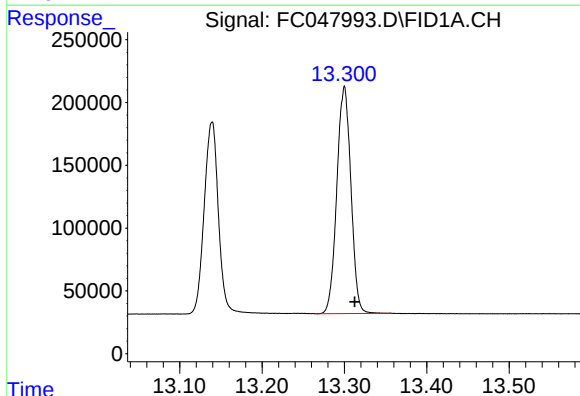
Manual Integrations  
APPROVED

Sohil  
6/23/2020 8:03:35 AM



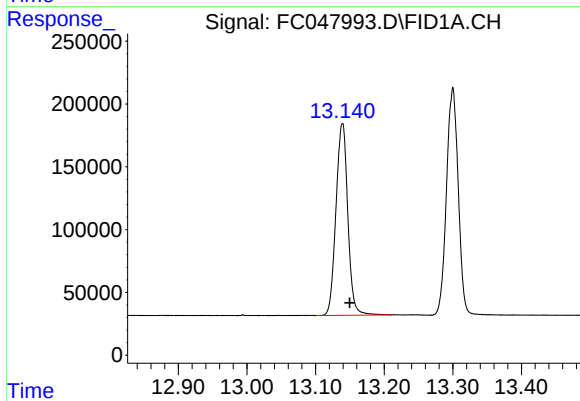
#10 n-Eicosane (C20)

R.T.: 12.692 min  
Delta R.T.: -0.013 min  
Response: 2190013  
Conc: 19.24 ug/ml



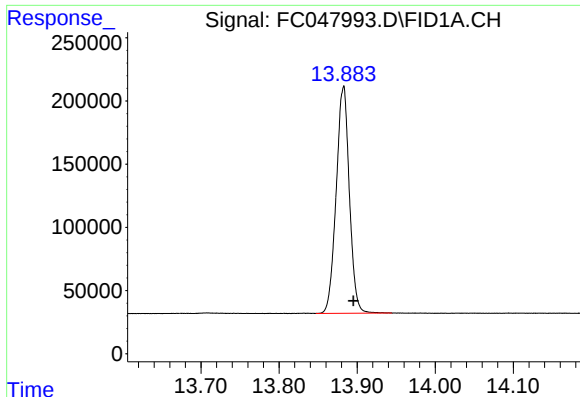
#11 n-Heneicosane (C21)

R.T.: 13.300 min  
Delta R.T.: -0.013 min  
Response: 2149808  
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.139 min  
Delta R.T.: -0.011 min  
Response: 1832560  
Conc: 18.71 ug/ml



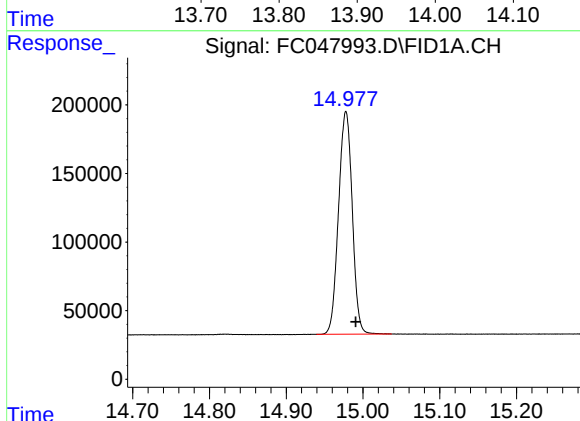
#13 n-Docosane (C22)

R.T.: 13.882 min  
Delta R.T.: -0.013 min  
Response: 2104572  
Conc: 18.35 ug/ml

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

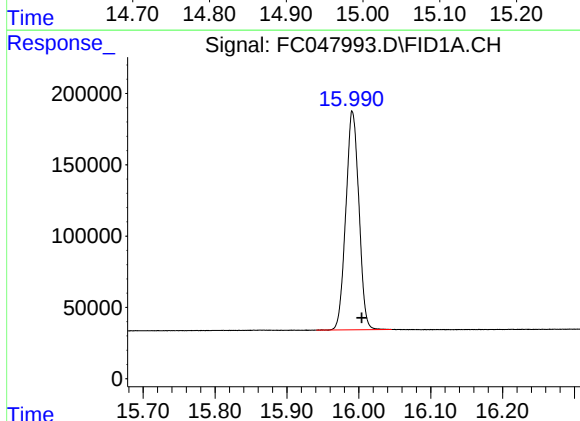
Manual Integrations  
APPROVED

Sohil  
6/23/2020 8:03:35 AM



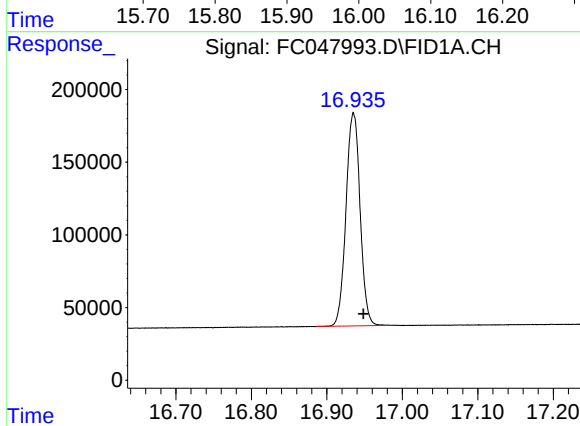
#14 n-Tetracosane (C24)

R.T.: 14.978 min  
Delta R.T.: -0.013 min  
Response: 2018904  
Conc: 17.57 ug/ml



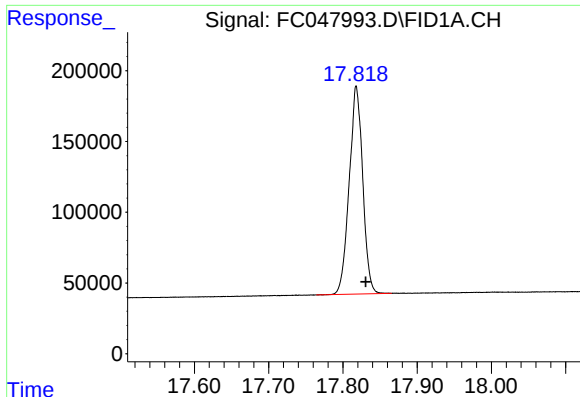
#15 n-Hexacosane (C26)

R.T.: 15.991 min  
Delta R.T.: -0.013 min  
Response: 1936019  
Conc: 16.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.935 min  
Delta R.T.: -0.013 min  
Response: 1903464  
Conc: 16.75 ug/ml



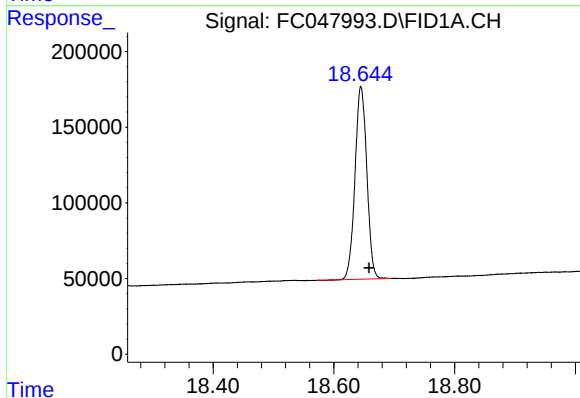
#17 n-Tricontane (C30)

R.T.: 17.818 min  
Delta R.T.: -0.013 min  
Response: 1856637  
Conc: 16.94 ug/ml

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

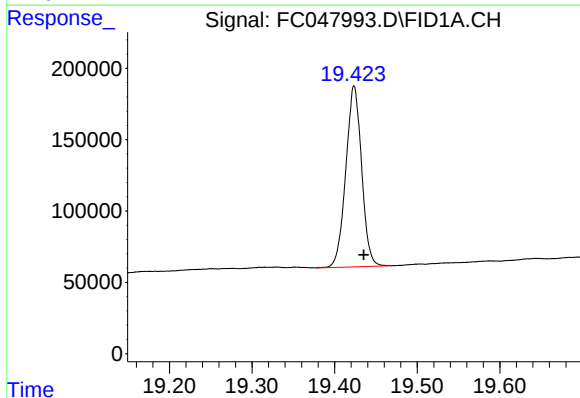
Manual Integrations  
APPROVED

Sohil  
6/23/2020 8:03:35 AM



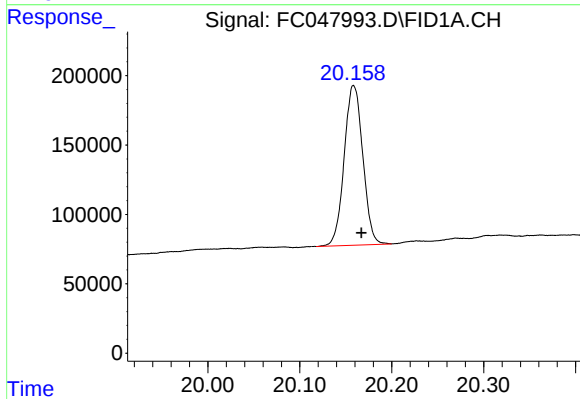
#18 n-Dotriacontane (C32)

R.T.: 18.645 min  
Delta R.T.: -0.014 min  
Response: 1731965  
Conc: 17.47 ug/ml



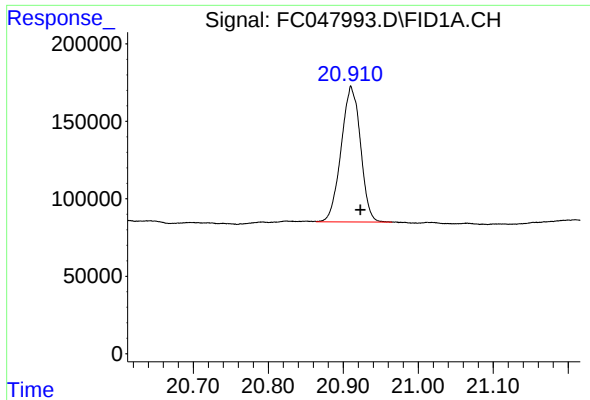
#19 n-Tetratriacontane (C34)

R.T.: 19.423 min  
Delta R.T.: -0.012 min  
Response: 1686600  
Conc: 18.42 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.158 min  
Delta R.T.: -0.009 min  
Response: 1620754  
Conc: 18.90 ug/ml m



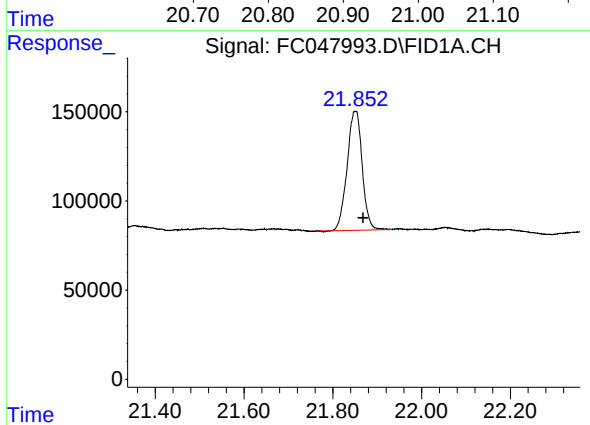
#21 n-Octatriacontane (C38)

R.T.: 20.910 min  
Delta R.T.: -0.013 min  
Response: 1569222  
Conc: 19.71 ug/ml m

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

Manual Integrations  
APPROVED

Sohil  
6/23/2020 8:03:35 AM



#22 n-Tetracontane (C40)

R.T.: 21.852 min  
Delta R.T.: -0.016 min  
Response: 1572614  
Conc: 19.89 ug/ml