

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032921AL\  
 Data File : FC052836.D  
 Signal(s) : FID1A.CH  
 Acq On : 30 Mar 2021 10:03  
 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

Integration File: autoint1.e  
 Quant Time: Mar 30 10:29:20 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)    | 11.561 | 2530180    | 18.876 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.75%       |
| 12) S 1-chlorooctadecane (S... | 12.998 | 1964577    | 18.214 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.43%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.319  | 2479512    | 21.348 ug/ml |
| 2) T n-Decane (C10)            | 4.386  | 2511560    | 21.432 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.972  | 2765447    | 21.122 ug/ml |
| 4) T n-Dodecane (C12)          | 6.406  | 2563949    | 21.355 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.030  | 2816367    | 21.040 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.202  | 2540133    | 21.002 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.803  | 2462647    | 20.476 ug/ml |
| 8) T n-Octadecane (C18)        | 11.245 | 2484247    | 19.690 ug/ml |
| 10) T n-Eicosane (C20)         | 12.554 | 2383107    | 18.663 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.165 | 2319061    | 18.245 ug/ml |
| 13) T n-Docosane (C22)         | 13.752 | 2251712    | 17.775 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.853 | 2142316    | 17.149 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.872 | 2034505    | 16.896 ug/ml |
| 16) T n-Octacosane (C28)       | 16.822 | 1979429    | 17.169 ug/ml |
| 17) T n-Tricontane (C30)       | 17.709 | 1962846    | 18.016 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.541 | 1935113    | 19.286 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.324 | 1938073    | 21.085 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.063 | 1909580    | 20.941 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.795 | 1855898    | 22.740 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.697 | 1929318    | 22.398 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

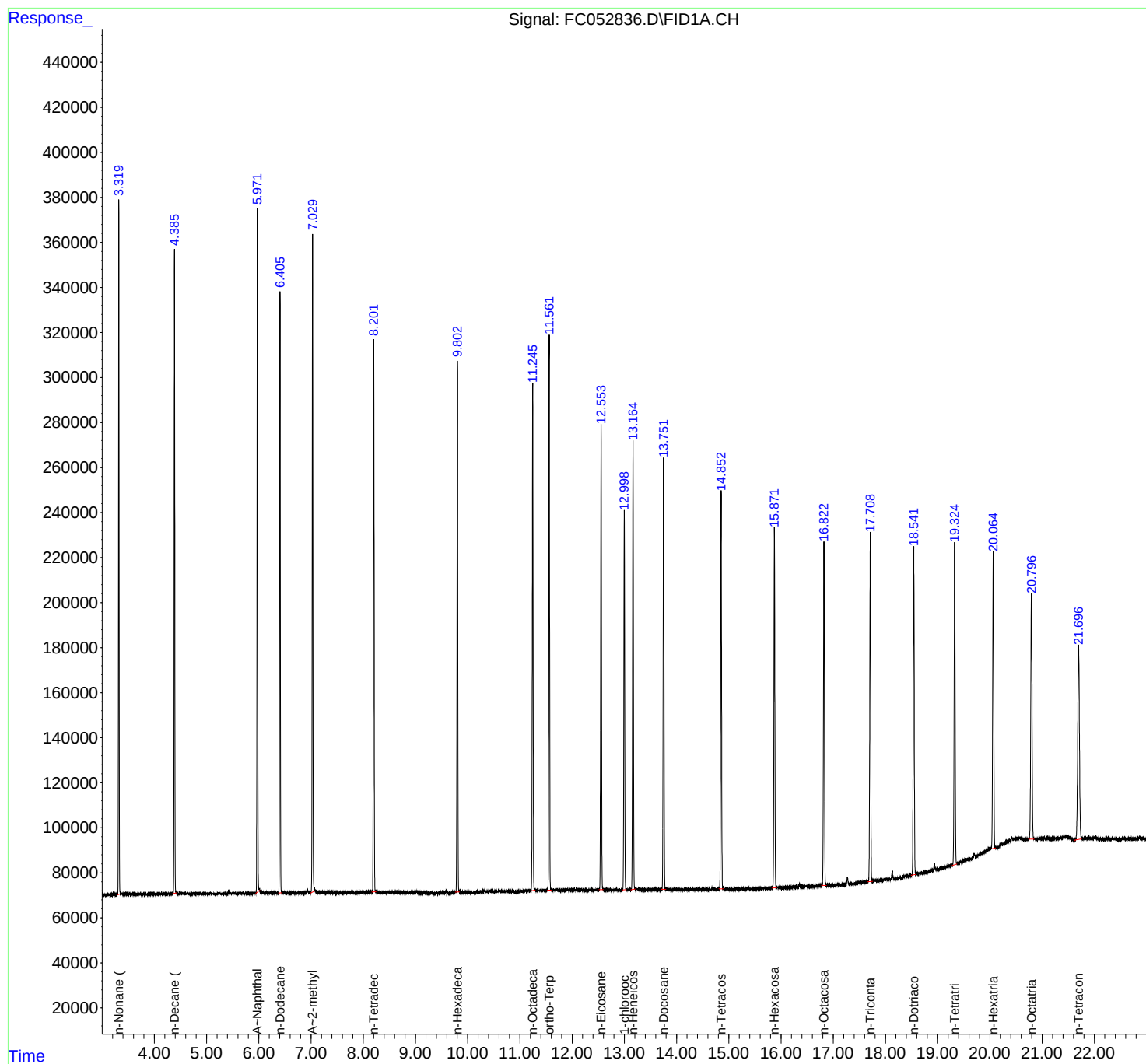
(m)=manual int.

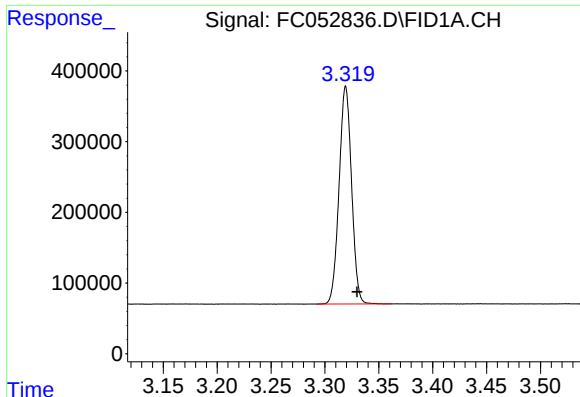
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032921AL\  
Data File : FC052836.D  
Signal(s) : FID1A.CH  
Acq On : 30 Mar 2021 10:03  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Mar 30 10:29:20 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

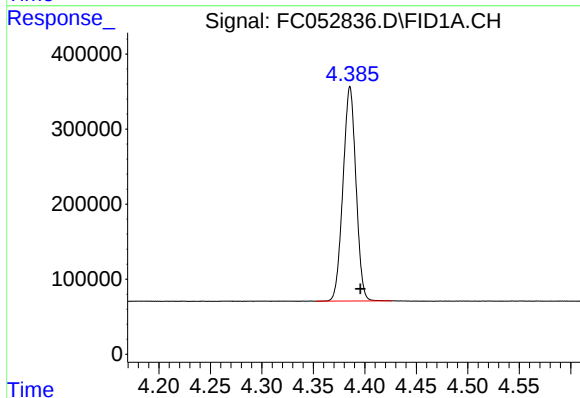




#1 n-Nonane (C9)

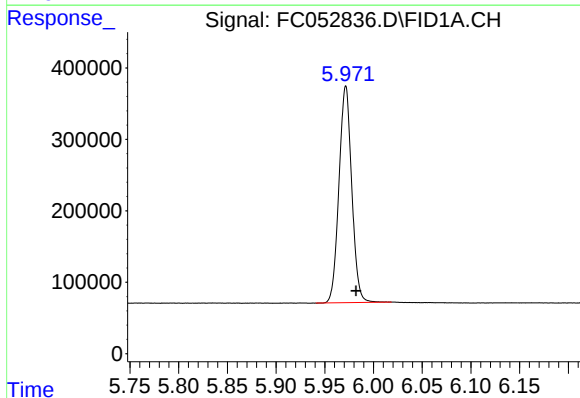
R.T.: 3.319 min  
Delta R.T.: -0.011 min  
Response: 2479512  
Conc: 21.35 ug/ml

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



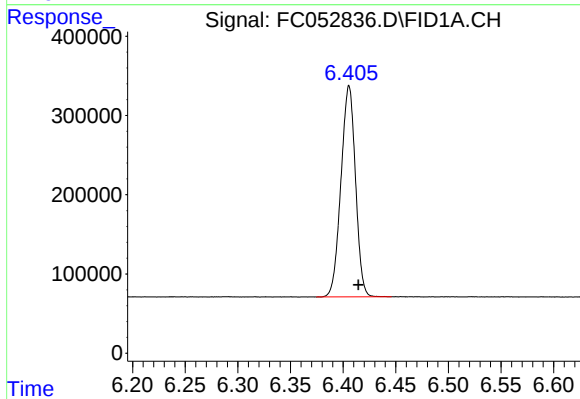
#2 n-Decane (C10)

R.T.: 4.386 min  
Delta R.T.: -0.010 min  
Response: 2511560  
Conc: 21.43 ug/ml



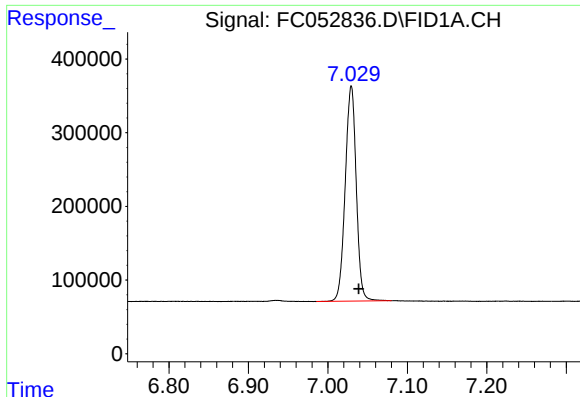
#3 A~Naphthalene (C11.7)

R.T.: 5.972 min  
Delta R.T.: -0.010 min  
Response: 2765447  
Conc: 21.12 ug/ml



#4 n-Dodecane (C12)

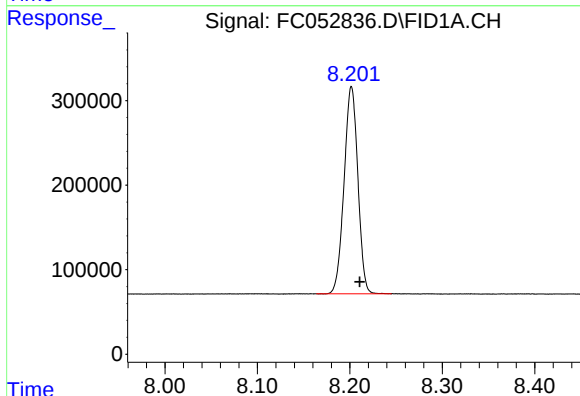
R.T.: 6.406 min  
Delta R.T.: -0.009 min  
Response: 2563949  
Conc: 21.35 ug/ml



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

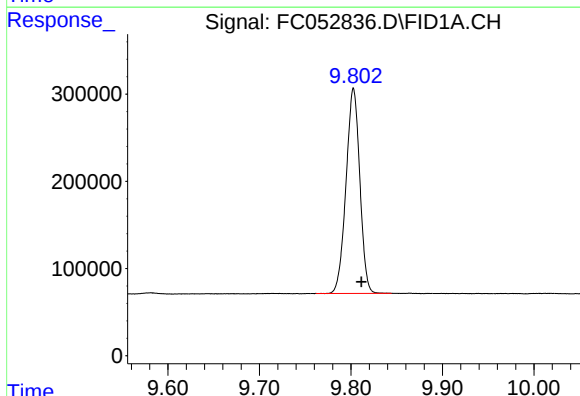
R.T.: 7.030 min  
Delta R.T.: -0.009 min  
Response: 2816367  
Conc: 21.04 ug/ml

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



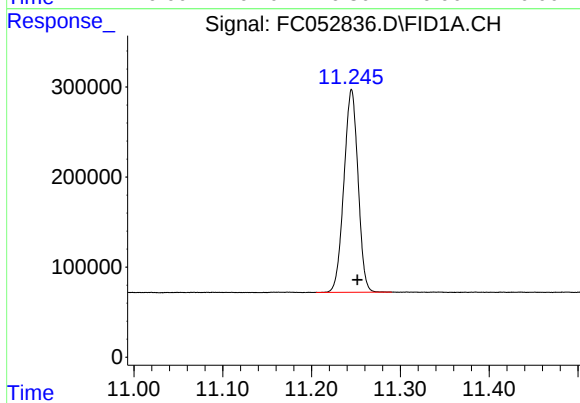
#6 n-Tetradecane (C14)

R.T.: 8.202 min  
Delta R.T.: -0.009 min  
Response: 2540133  
Conc: 21.00 ug/ml



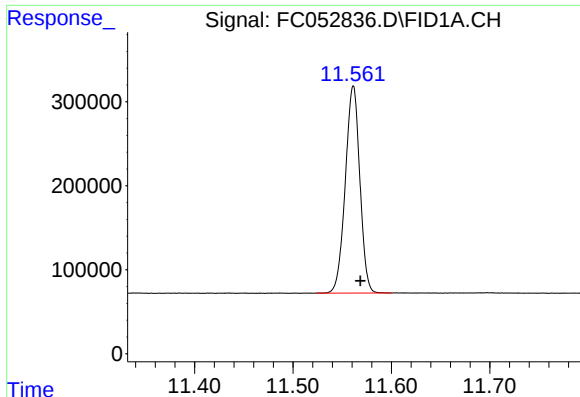
#7 n-Hexadecane (C16)

R.T.: 9.803 min  
Delta R.T.: -0.009 min  
Response: 2462647  
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

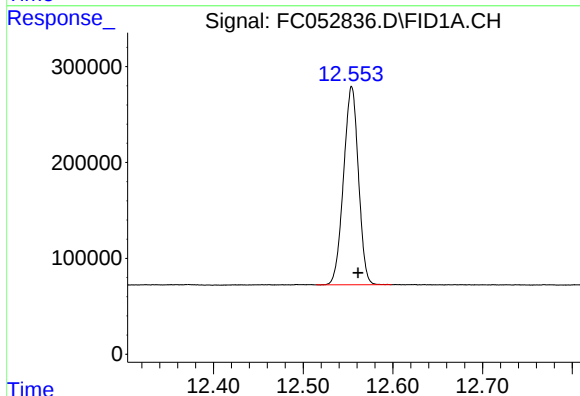
R.T.: 11.245 min  
Delta R.T.: -0.007 min  
Response: 2484247  
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

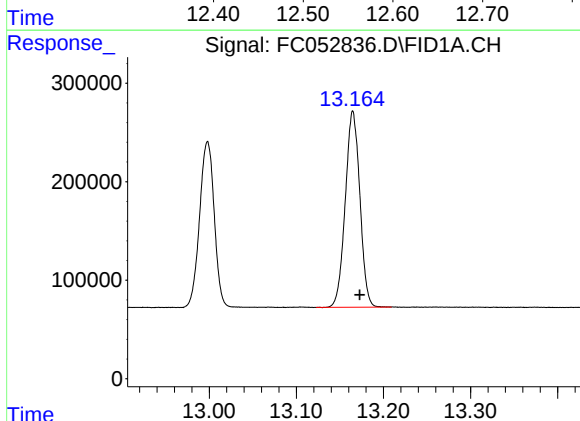
R.T.: 11.561 min  
Delta R.T.: -0.007 min  
Response: 2530180  
Conc: 18.88 ug/ml

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



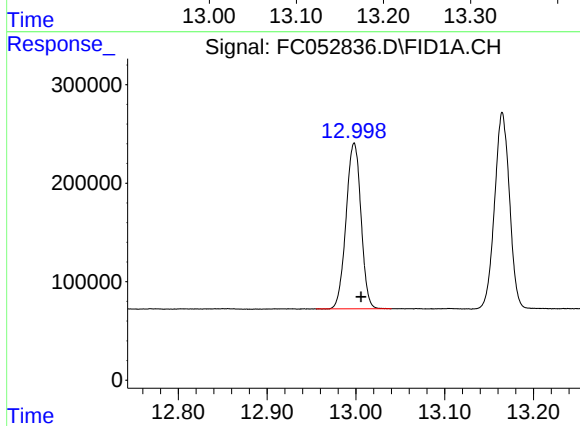
#10 n-Eicosane (C20)

R.T.: 12.554 min  
Delta R.T.: -0.007 min  
Response: 2383107  
Conc: 18.66 ug/ml



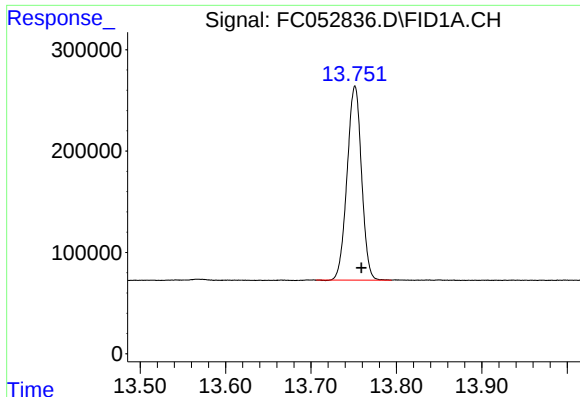
#11 n-Heneicosane (C21)

R.T.: 13.165 min  
Delta R.T.: -0.008 min  
Response: 2319061  
Conc: 18.24 ug/ml



#12 1-chlorooctadecane (SURR)

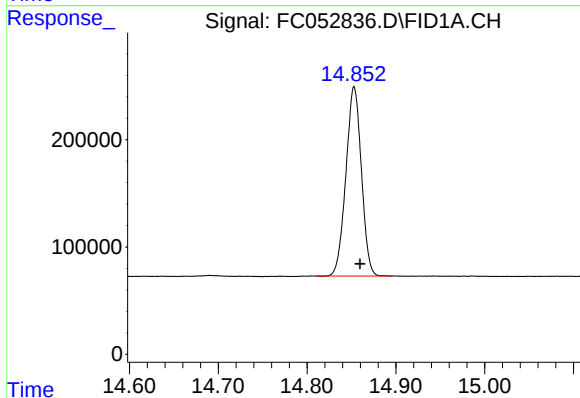
R.T.: 12.998 min  
Delta R.T.: -0.008 min  
Response: 1964577  
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

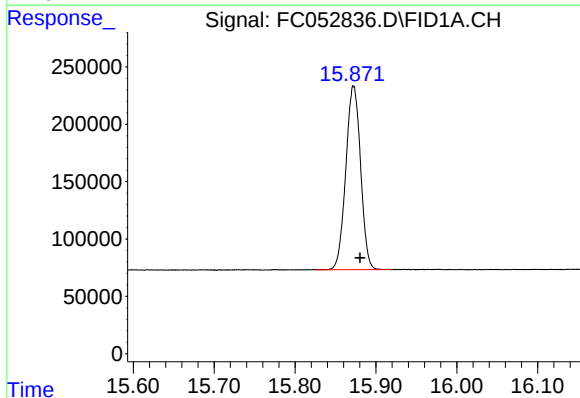
R.T.: 13.752 min  
Delta R.T.: -0.008 min  
Response: 2251712  
Conc: 17.77 ug/ml

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



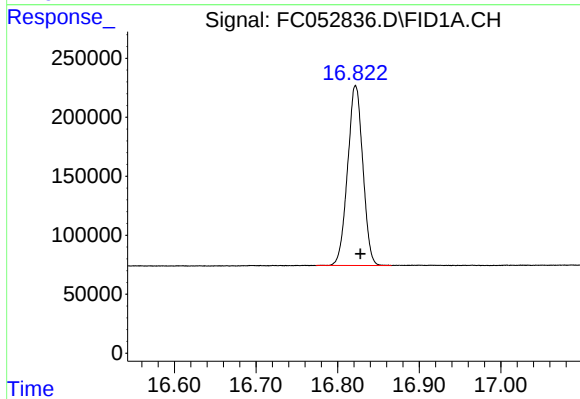
#14 n-Tetracosane (C24)

R.T.: 14.853 min  
Delta R.T.: -0.007 min  
Response: 2142316  
Conc: 17.15 ug/ml



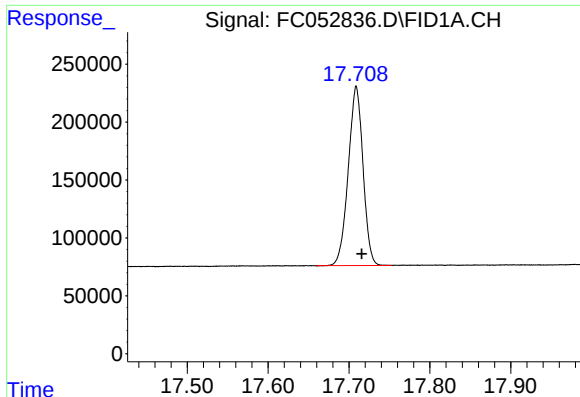
#15 n-Hexacosane (C26)

R.T.: 15.872 min  
Delta R.T.: -0.008 min  
Response: 2034505  
Conc: 16.90 ug/ml



#16 n-Octacosane (C28)

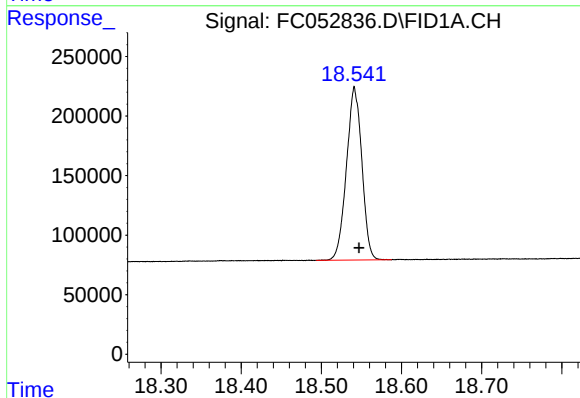
R.T.: 16.822 min  
Delta R.T.: -0.006 min  
Response: 1979429  
Conc: 17.17 ug/ml



#17 n-Tricontane (C30)

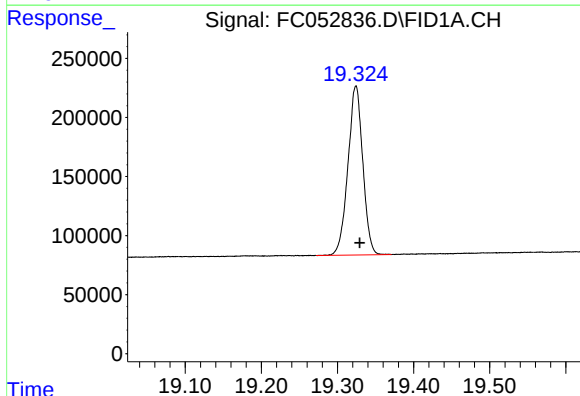
R.T.: 17.709 min  
Delta R.T.: -0.007 min  
Response: 1962846  
Conc: 18.02 ug/ml

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



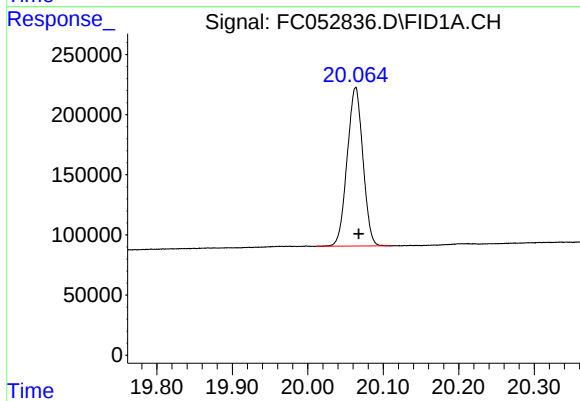
#18 n-Dotriacontane (C32)

R.T.: 18.541 min  
Delta R.T.: -0.006 min  
Response: 1935113  
Conc: 19.29 ug/ml



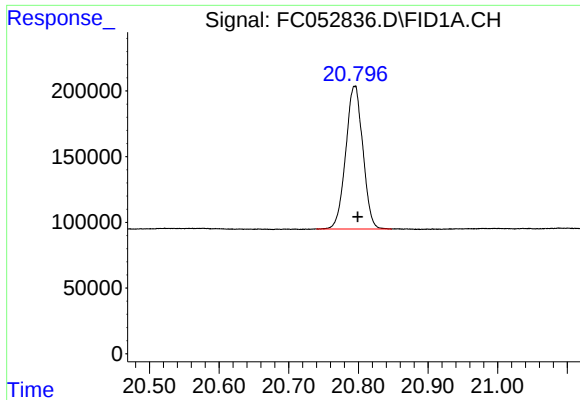
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min  
Delta R.T.: -0.005 min  
Response: 1938073  
Conc: 21.08 ug/ml



#20 n-Hexatriacontane (C36)

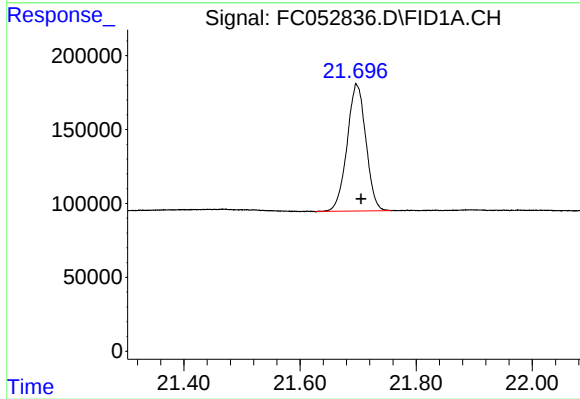
R.T.: 20.063 min  
Delta R.T.: -0.004 min  
Response: 1909580  
Conc: 20.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min  
Delta R.T.: -0.004 min  
Response: 1855898  
Conc: 22.74 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.697 min  
Delta R.T.: -0.008 min  
Response: 1929318  
Conc: 22.40 ug/ml