

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102121AL\  
 Data File : FC056300.D  
 Signal(s) : FID1A.CH  
 Acq On : 21 Oct 2021 2:04  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 21 02:59:44 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 21 01:00:25 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)    | 11.625 | 2487421    | 20.089 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.18%       |
| 12) S 1-chlorooctadecane (S... | 13.056 | 1938673    | 20.148 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.30%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.382  | 2157233    | 19.931 ug/ml |
| 2) T n-Decane (C10)            | 4.450  | 2155134    | 20.007 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.041  | 2441468    | 20.025 ug/ml |
| 4) T n-Dodecane (C12)          | 6.469  | 2189759    | 19.864 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.098  | 2452957    | 20.031 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.264  | 2225516    | 19.823 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.864  | 2256191    | 19.845 ug/ml |
| 8) T n-Octadecane (C18)        | 11.304 | 2338148    | 20.009 ug/ml |
| 10) T n-Eicosane (C20)         | 12.611 | 2305346    | 20.059 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.222 | 2312378    | 20.121 ug/ml |
| 13) T n-Docosane (C22)         | 13.806 | 2276962    | 20.224 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.906 | 2248290    | 20.401 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.923 | 2154351    | 20.412 ug/ml |
| 16) T n-Octacosane (C28)       | 16.870 | 2093073    | 20.179 ug/ml |
| 17) T n-Tricontane (C30)       | 17.754 | 2016484    | 19.463 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.583 | 1879133    | 19.613 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.360 | 1761517    | 20.084 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.097 | 1659306    | 20.272 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.832 | 1609504    | 20.125 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.749 | 1629568    | 19.779 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

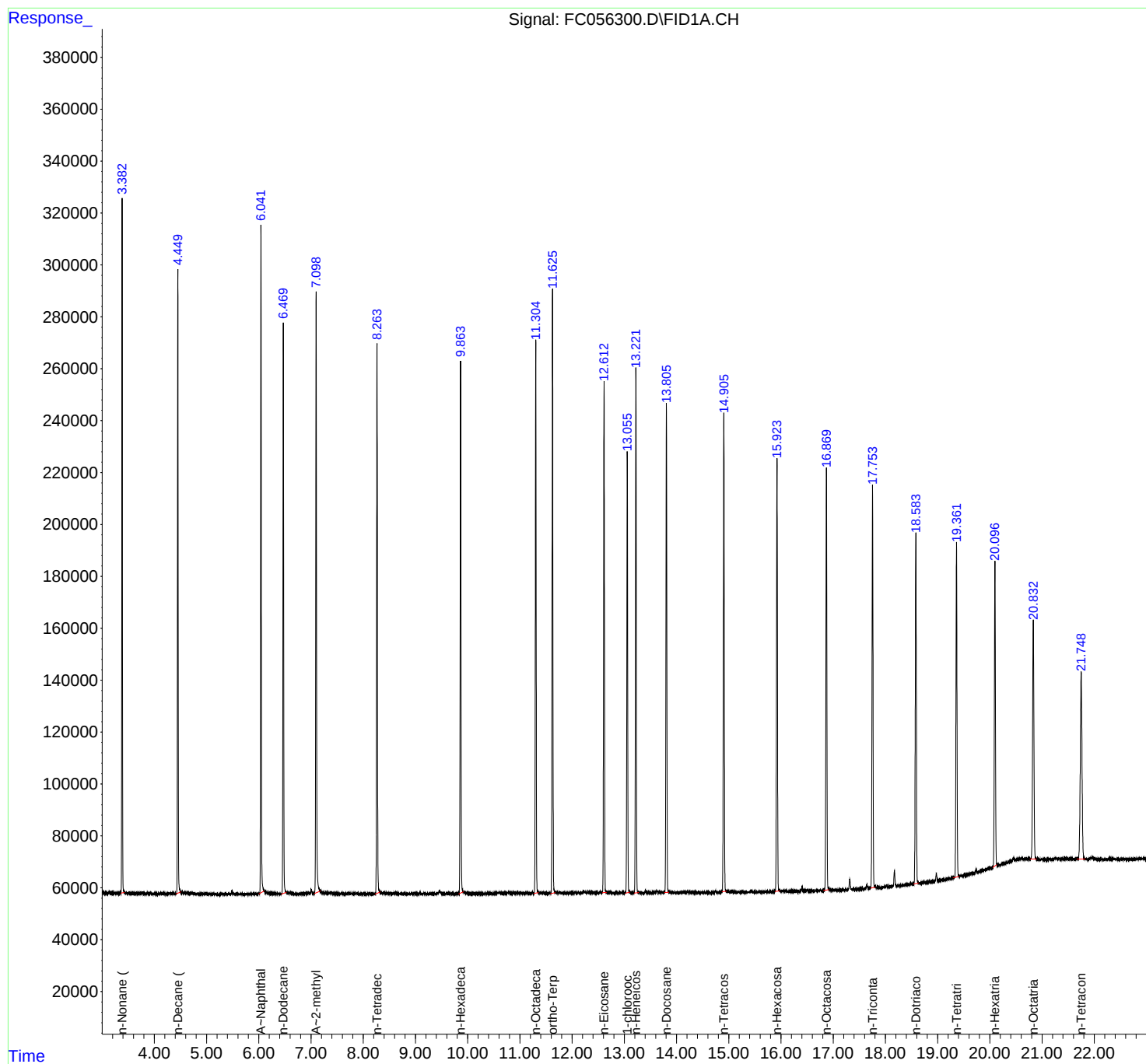
(m)=manual int.

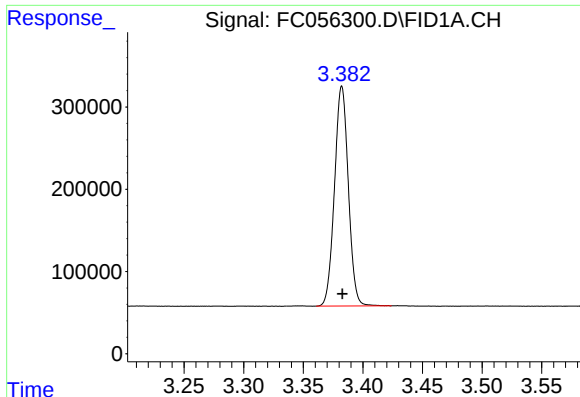
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102121AL\  
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Volume Inj. : 1 ul  
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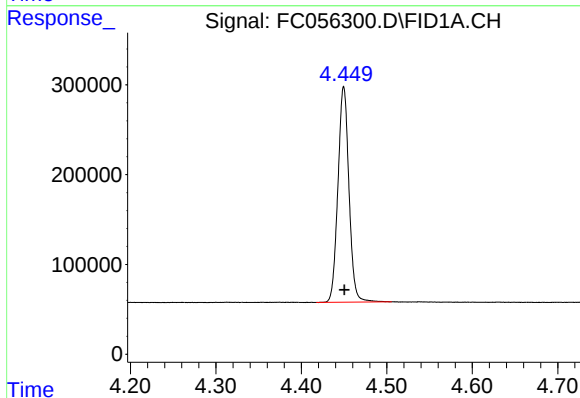




#1 n-Nonane (C9)

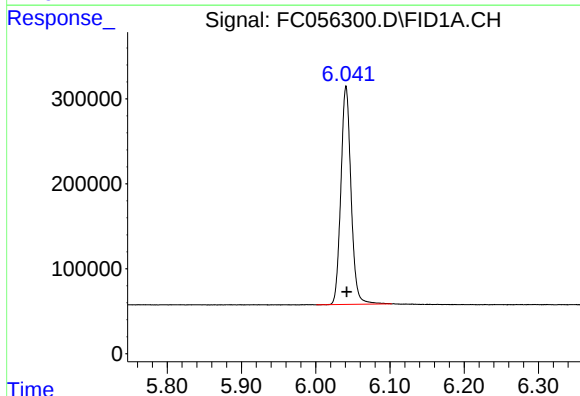
R.T.: 3.382 min  
Delta R.T.: 0.000 min  
Response: 2157233  
Conc: 19.93 ug/ml

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



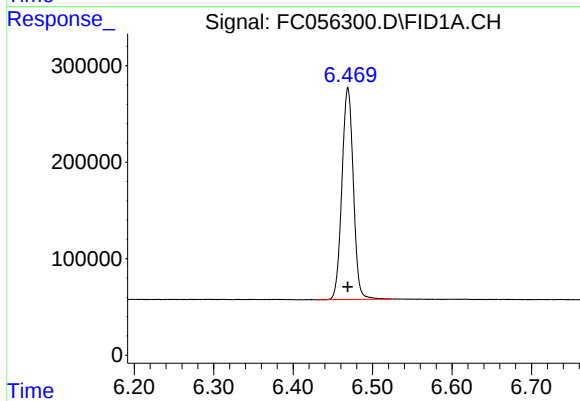
#2 n-Decane (C10)

R.T.: 4.450 min  
Delta R.T.: 0.000 min  
Response: 2155134  
Conc: 20.01 ug/ml



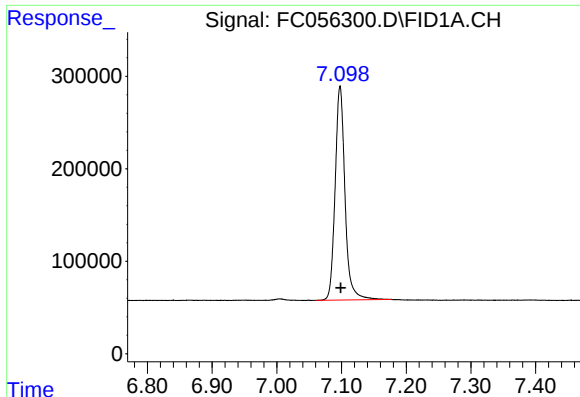
#3 A~Naphthalene (C11.7)

R.T.: 6.041 min  
Delta R.T.: 0.000 min  
Response: 2441468  
Conc: 20.03 ug/ml



#4 n-Dodecane (C12)

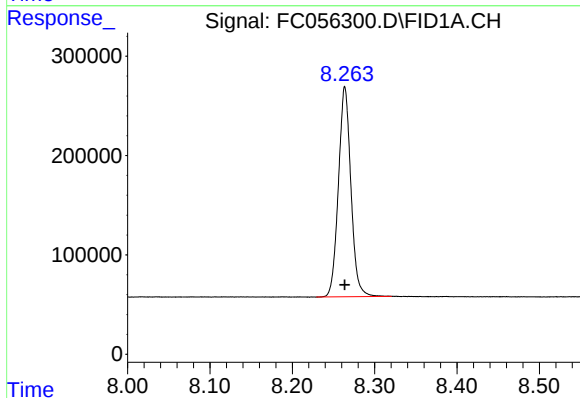
R.T.: 6.469 min  
Delta R.T.: 0.000 min  
Response: 2189759  
Conc: 19.86 ug/ml



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

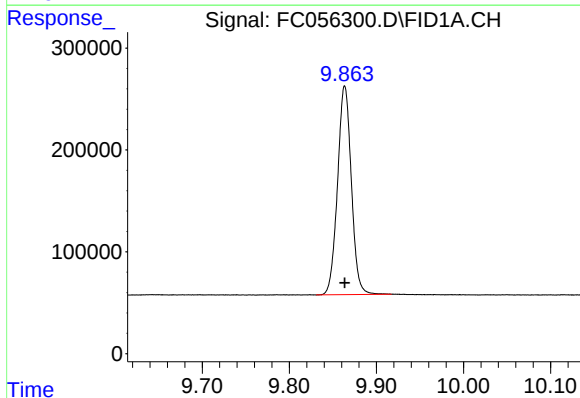
R.T.: 7.098 min  
Delta R.T.: 0.000 min  
Response: 2452957  
Conc: 20.03 ug/ml

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



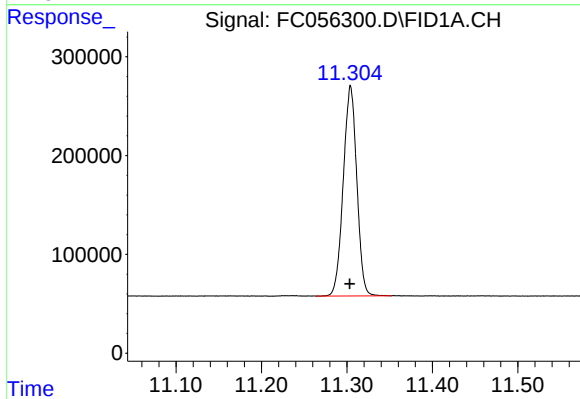
#6 n-Tetradecane (C14)

R.T.: 8.264 min  
Delta R.T.: 0.000 min  
Response: 2225516  
Conc: 19.82 ug/ml



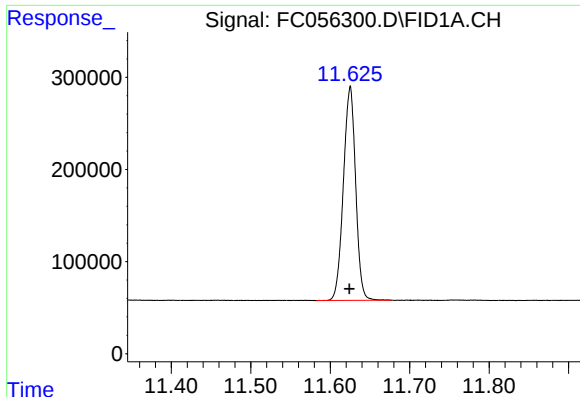
#7 n-Hexadecane (C16)

R.T.: 9.864 min  
Delta R.T.: 0.000 min  
Response: 2256191  
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

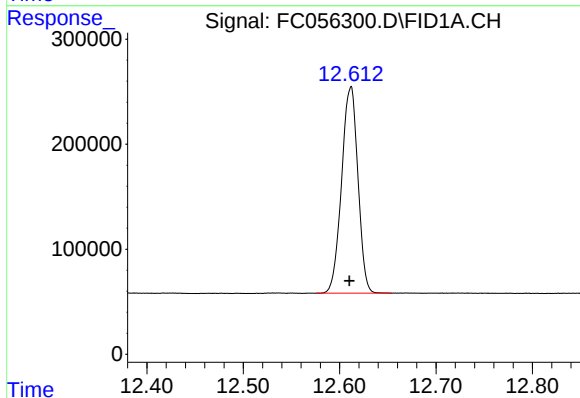
R.T.: 11.304 min  
Delta R.T.: 0.000 min  
Response: 2338148  
Conc: 20.01 ug/ml



#9 ortho-Terphenyl (SURR)

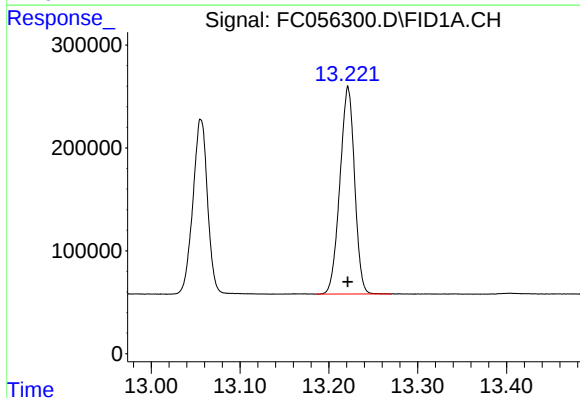
R.T.: 11.625 min  
Delta R.T.: 0.000 min  
Response: 2487421  
Conc: 20.09 ug/ml

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



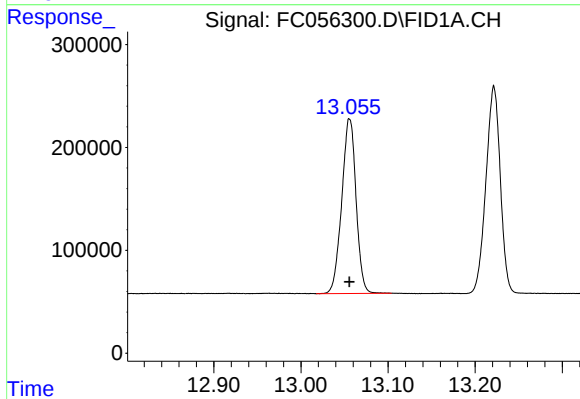
#10 n-Eicosane (C20)

R.T.: 12.611 min  
Delta R.T.: 0.000 min  
Response: 2305346  
Conc: 20.06 ug/ml



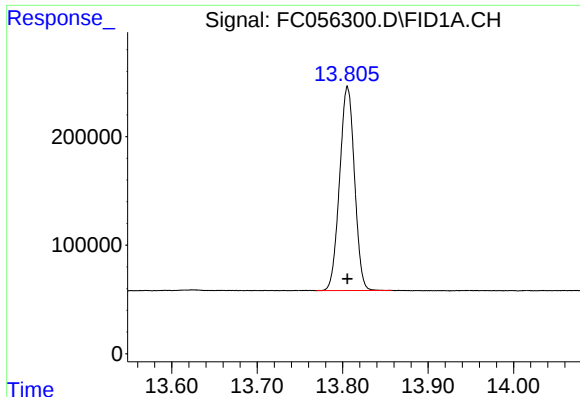
#11 n-Heneicosane (C21)

R.T.: 13.222 min  
Delta R.T.: 0.000 min  
Response: 2312378  
Conc: 20.12 ug/ml



#12 1-chlorooctadecane (SURR)

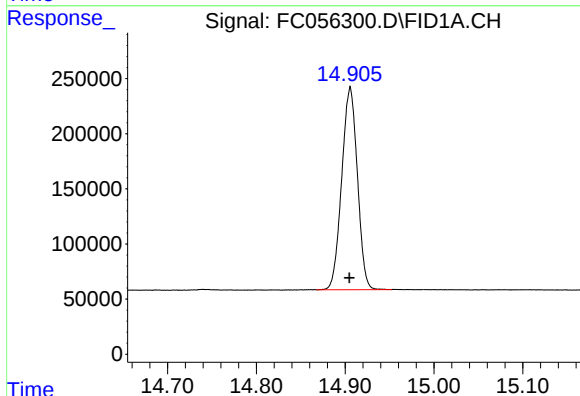
R.T.: 13.056 min  
Delta R.T.: 0.000 min  
Response: 1938673  
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

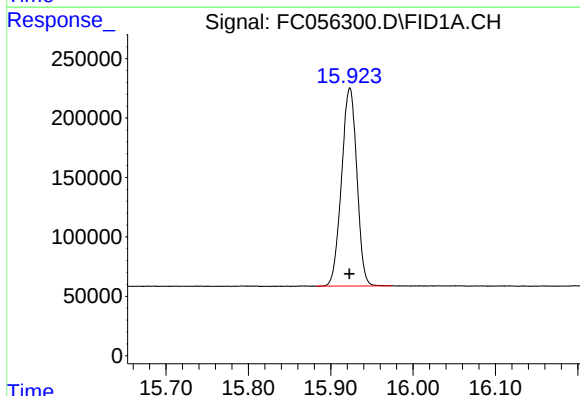
R.T.: 13.806 min  
Delta R.T.: 0.000 min  
Response: 2276962  
Conc: 20.22 ug/ml

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



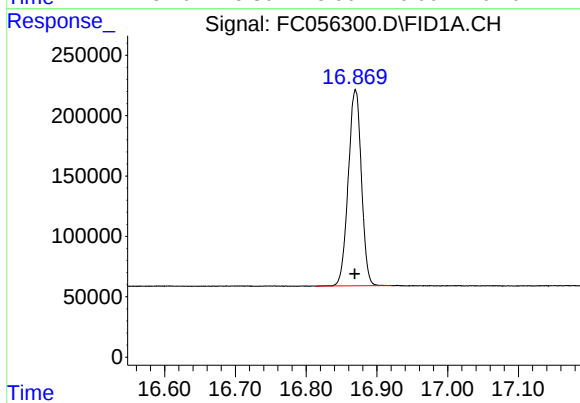
#14 n-Tetracosane (C24)

R.T.: 14.906 min  
Delta R.T.: 0.000 min  
Response: 2248290  
Conc: 20.40 ug/ml



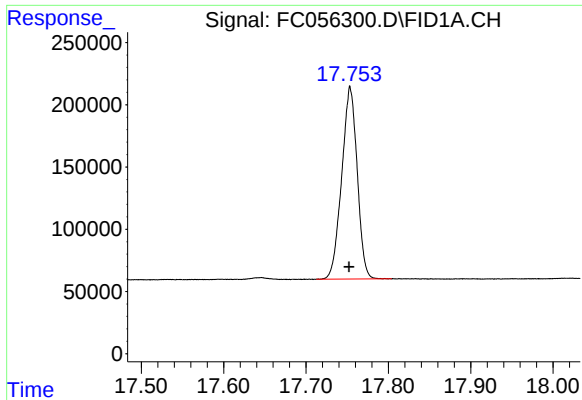
#15 n-Hexacosane (C26)

R.T.: 15.923 min  
Delta R.T.: 0.000 min  
Response: 2154351  
Conc: 20.41 ug/ml



#16 n-Octacosane (C28)

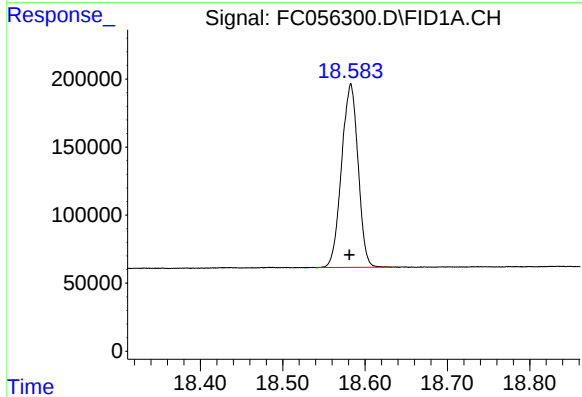
R.T.: 16.870 min  
Delta R.T.: 0.000 min  
Response: 2093073  
Conc: 20.18 ug/ml



#17 n-Tricontane (C30)

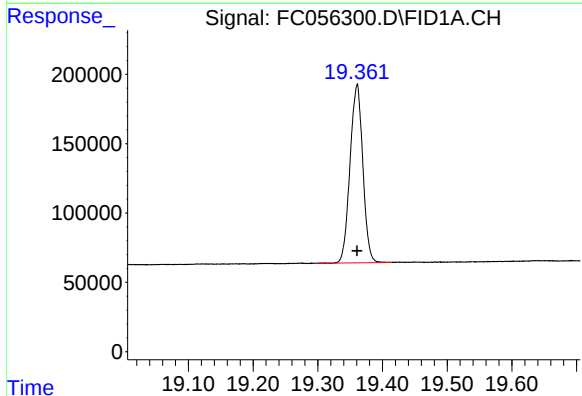
R.T.: 17.754 min  
Delta R.T.: 0.001 min  
Response: 2016484  
Conc: 19.46 ug/ml

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



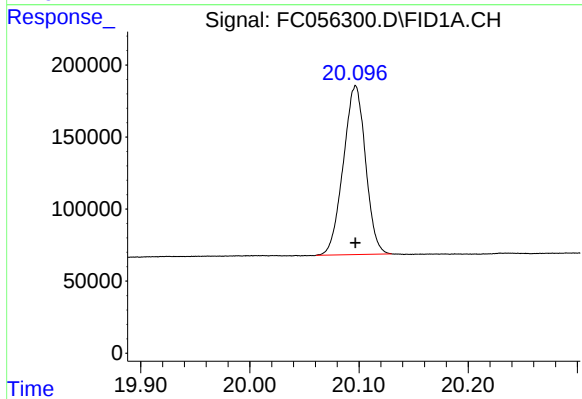
#18 n-Dotriacontane (C32)

R.T.: 18.583 min  
Delta R.T.: 0.002 min  
Response: 1879133  
Conc: 19.61 ug/ml



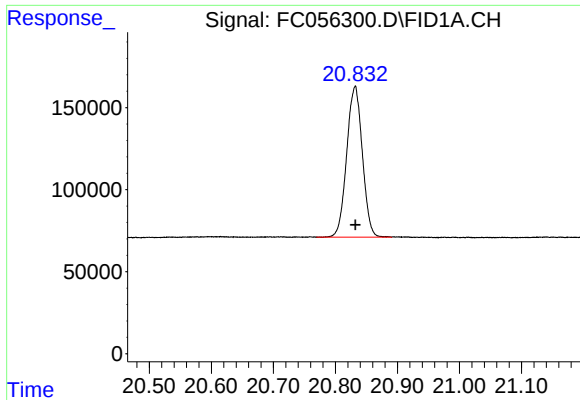
#19 n-Tetratriacontane (C34)

R.T.: 19.360 min  
Delta R.T.: 0.000 min  
Response: 1761517  
Conc: 20.08 ug/ml



#20 n-Hexatriacontane (C36)

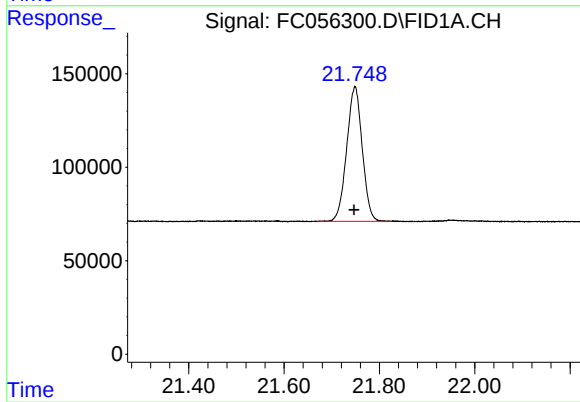
R.T.: 20.097 min  
Delta R.T.: 0.000 min  
Response: 1659306  
Conc: 20.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.832 min  
Delta R.T.: 0.000 min  
Response: 1609504  
Conc: 20.12 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.749 min  
Delta R.T.: 0.002 min  
Response: 1629568  
Conc: 19.78 ug/ml