

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC072321AL\  
 Data File : FC054817.D  
 Signal(s) : FID1A.CH  
 Acq On : 23 Jul 2021 14:53  
 Operator : AJ\MA  
 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: Jul 23 22:47:27 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 072121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 21 03:37:32 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)    | 11.308 | 2943198    | 21.159 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.32%       |
| 12) S 1-chlorooctadecane (S... | 12.752 | 2329360    | 20.954 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.91%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.134  | 2415229    | 21.049 ug/ml |
| 2) T n-Decane (C10)            | 4.184  | 2458830    | 21.158 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.748  | 2593928    | 21.559 ug/ml |
| 4) T n-Dodecane (C12)          | 6.187  | 2556619    | 21.391 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.799  | 2655490    | 21.744 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.973  | 2621201    | 21.307 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.568  | 2683432    | 21.286 ug/ml |
| 8) T n-Octadecane (C18)        | 11.005 | 2785448    | 21.250 ug/ml |
| 10) T n-Eicosane (C20)         | 12.311 | 2772999    | 21.045 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.922 | 2788687    | 20.939 ug/ml |
| 13) T n-Docosane (C22)         | 13.506 | 2750478    | 20.770 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.606 | 2736438    | 20.755 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.625 | 2612841    | 20.314 ug/ml |
| 16) T n-Octacosane (C28)       | 16.573 | 2510748    | 19.063 ug/ml |
| 17) T n-Tricontane (C30)       | 17.458 | 2369774    | 16.653 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.289 | 2229108    | 18.012 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.073 | 2133190    | 20.833 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.811 | 2051218    | 21.659 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.515 | 2029368    | 21.795 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.328 | 2098861    | 21.625 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

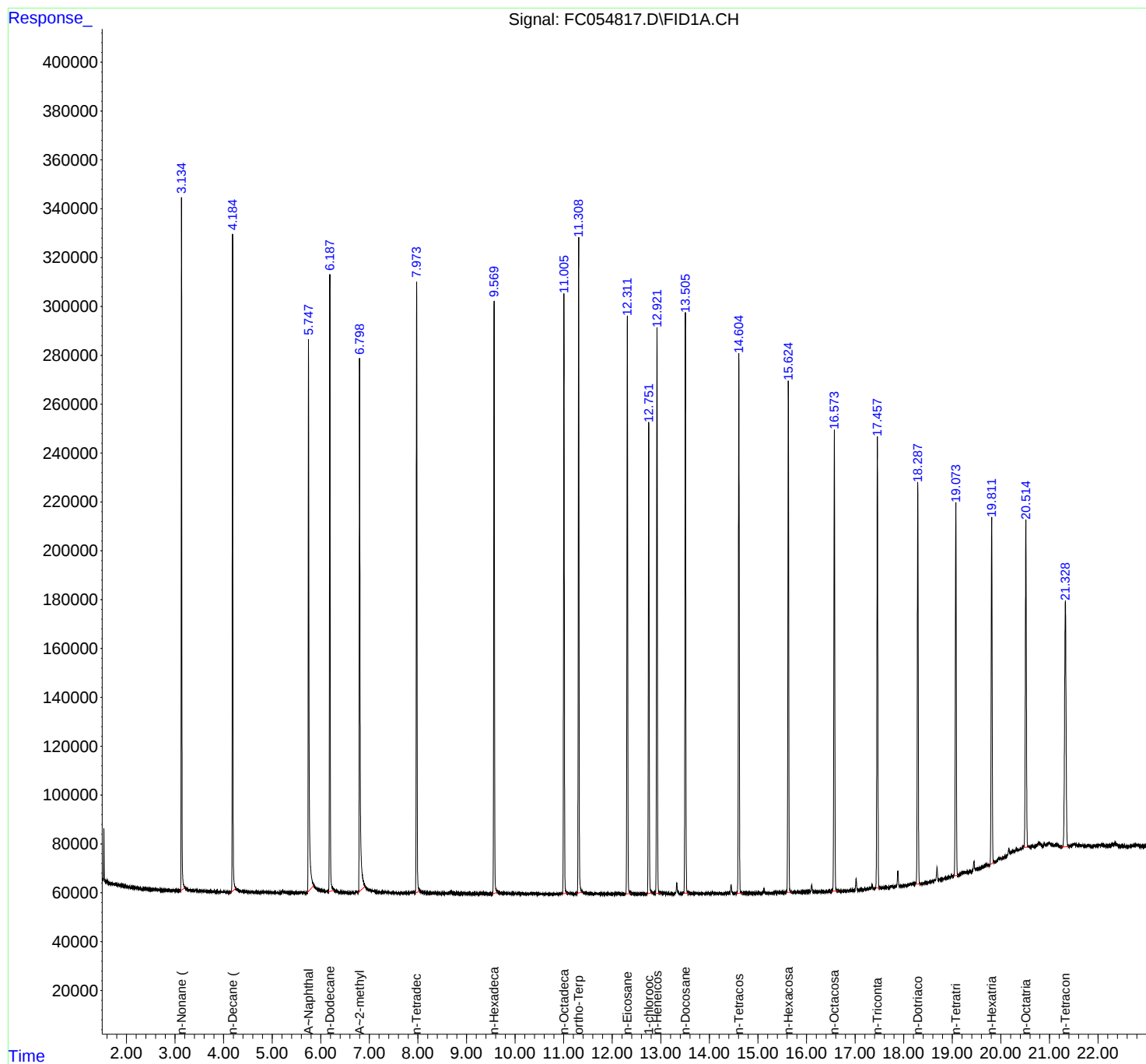
(m)=manual int.

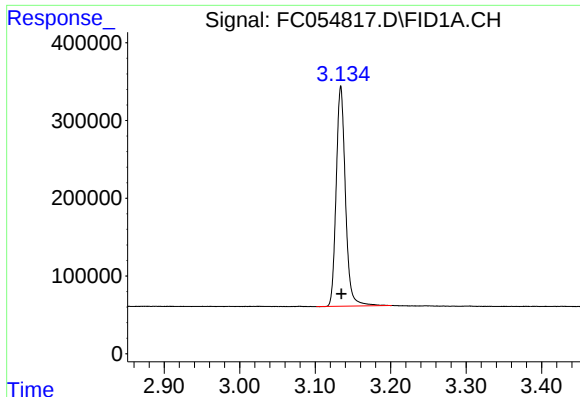
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC072321AL\  
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Misc :  
ALS Vial : 2 Sample Multiplier: 1

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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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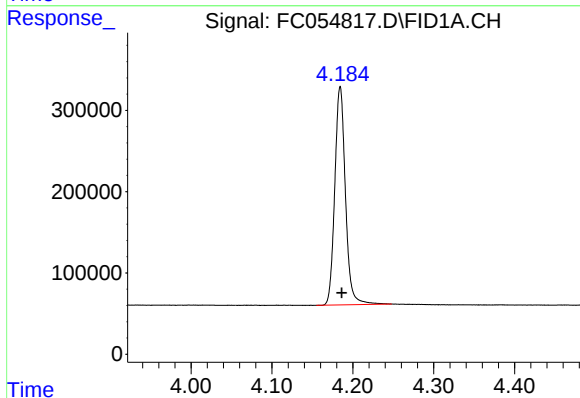




#1 n-Nonane (C9)

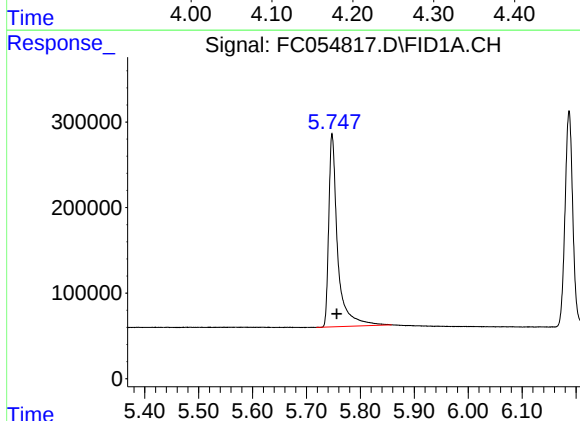
R.T.: 3.134 min  
Delta R.T.: 0.000 min  
Response: 2415229  
Conc: 21.05 ug/ml

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



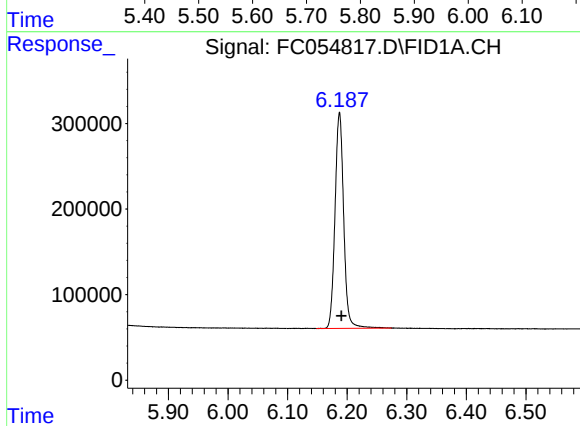
#2 n-Decane (C10)

R.T.: 4.184 min  
Delta R.T.: -0.002 min  
Response: 2458830  
Conc: 21.16 ug/ml



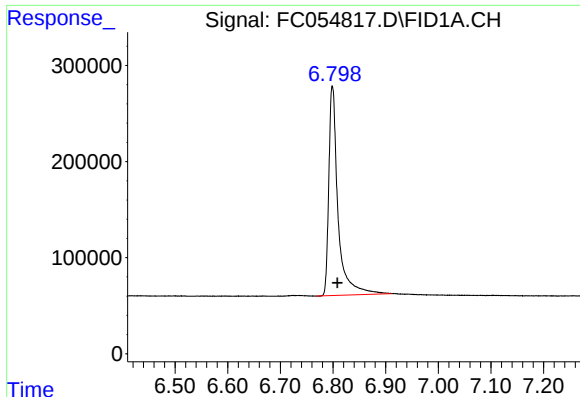
#3 A~Naphthalene (C11.7)

R.T.: 5.748 min  
Delta R.T.: -0.008 min  
Response: 2593928  
Conc: 21.56 ug/ml



#4 n-Dodecane (C12)

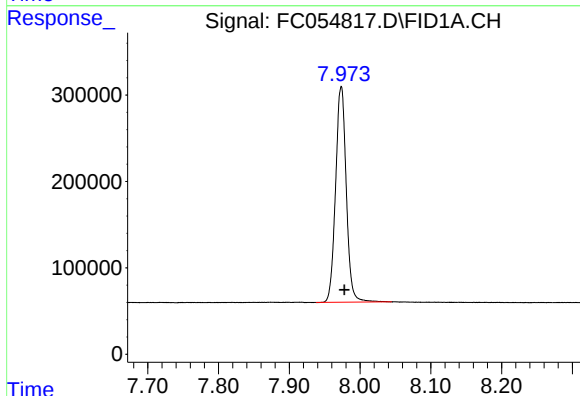
R.T.: 6.187 min  
Delta R.T.: -0.004 min  
Response: 2556619  
Conc: 21.39 ug/ml



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

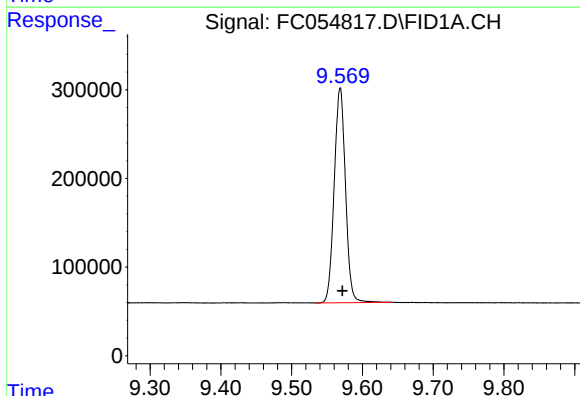
R.T.: 6.799 min  
Delta R.T.: -0.009 min  
Response: 2655490  
Conc: 21.74 ug/ml

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



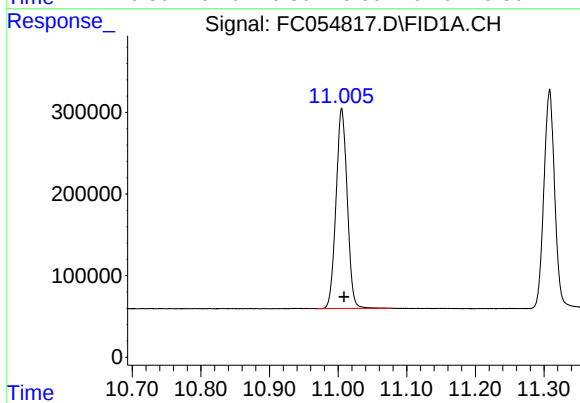
#6 n-Tetradecane (C14)

R.T.: 7.973 min  
Delta R.T.: -0.004 min  
Response: 2621201  
Conc: 21.31 ug/ml



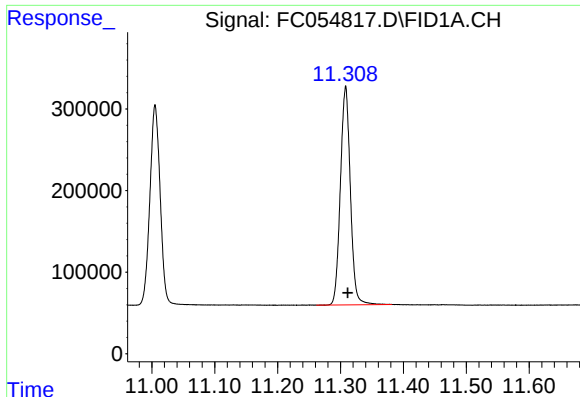
#7 n-Hexadecane (C16)

R.T.: 9.568 min  
Delta R.T.: -0.003 min  
Response: 2683432  
Conc: 21.29 ug/ml



#8 n-Octadecane (C18)

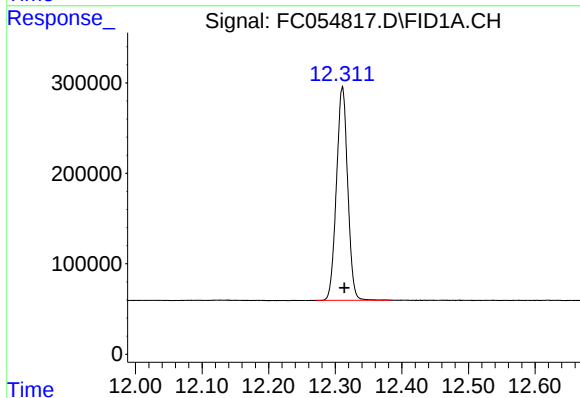
R.T.: 11.005 min  
Delta R.T.: -0.003 min  
Response: 2785448  
Conc: 21.25 ug/ml



#9 ortho-Terphenyl (SURR)

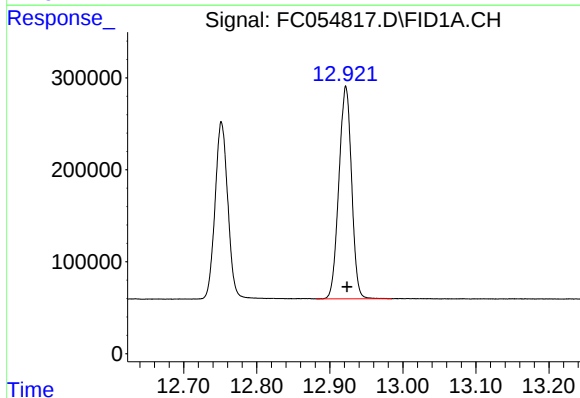
R.T.: 11.308 min  
Delta R.T.: -0.003 min  
Response: 2943198  
Conc: 21.16 ug/ml

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



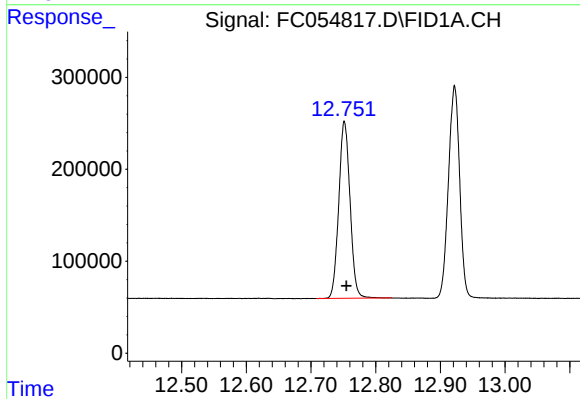
#10 n-Eicosane (C20)

R.T.: 12.311 min  
Delta R.T.: -0.003 min  
Response: 2772999  
Conc: 21.05 ug/ml



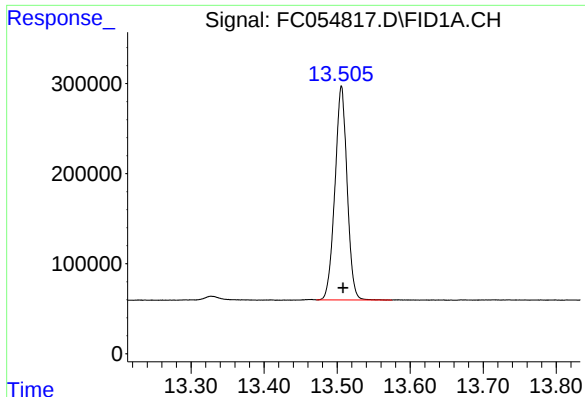
#11 n-Heneicosane (C21)

R.T.: 12.922 min  
Delta R.T.: -0.002 min  
Response: 2788687  
Conc: 20.94 ug/ml



#12 1-chlorooctadecane (SURR)

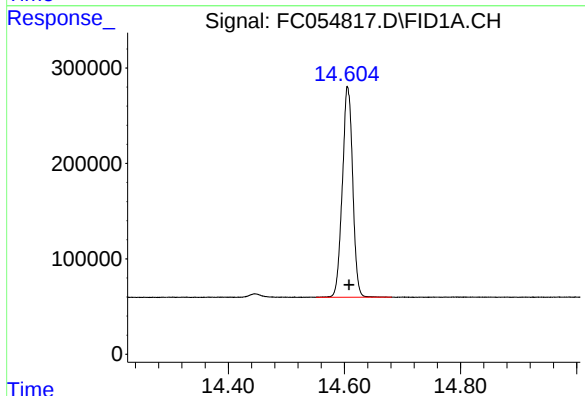
R.T.: 12.752 min  
Delta R.T.: -0.003 min  
Response: 2329360  
Conc: 20.95 ug/ml



#13 n-Docosane (C22)

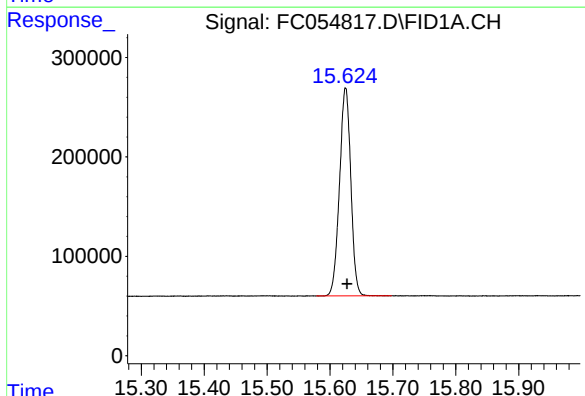
R.T.: 13.506 min  
Delta R.T.: -0.002 min  
Response: 2750478  
Conc: 20.77 ug/ml

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



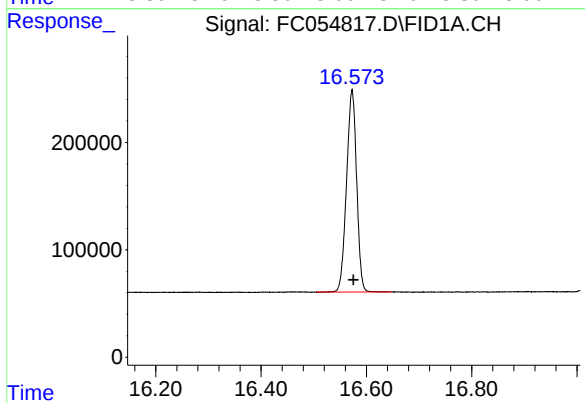
#14 n-Tetracosane (C24)

R.T.: 14.606 min  
Delta R.T.: -0.002 min  
Response: 2736438  
Conc: 20.76 ug/ml



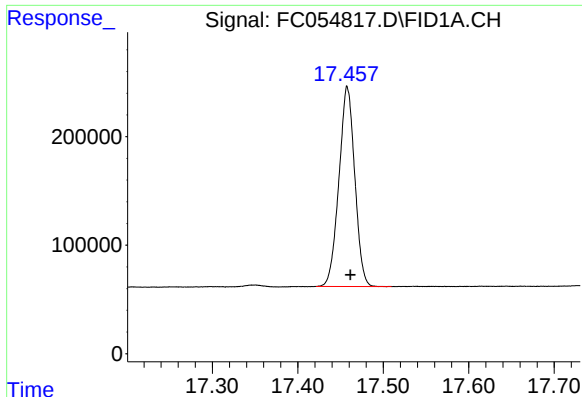
#15 n-Hexacosane (C26)

R.T.: 15.625 min  
Delta R.T.: -0.002 min  
Response: 2612841  
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

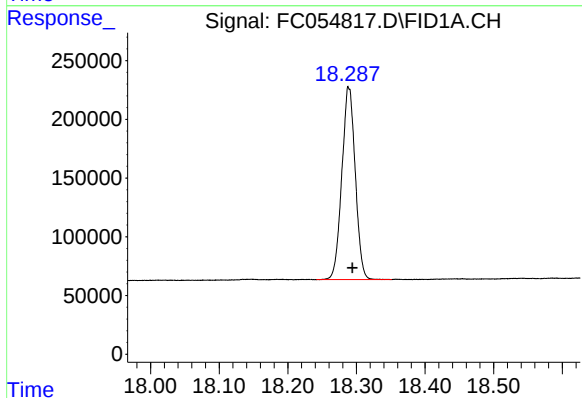
R.T.: 16.573 min  
Delta R.T.: -0.002 min  
Response: 2510748  
Conc: 19.06 ug/ml



#17 n-Tricontane (C30)

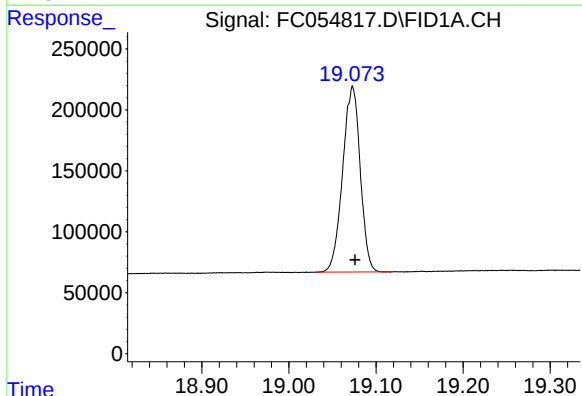
R.T.: 17.458 min  
Delta R.T.: -0.004 min  
Response: 2369774  
Conc: 16.65 ug/ml

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



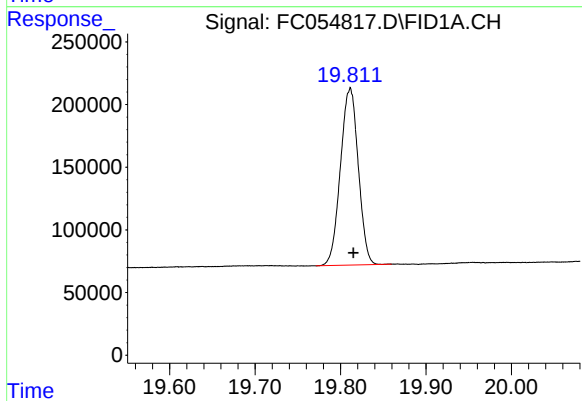
#18 n-Dotriacontane (C32)

R.T.: 18.289 min  
Delta R.T.: -0.005 min  
Response: 2229108  
Conc: 18.01 ug/ml



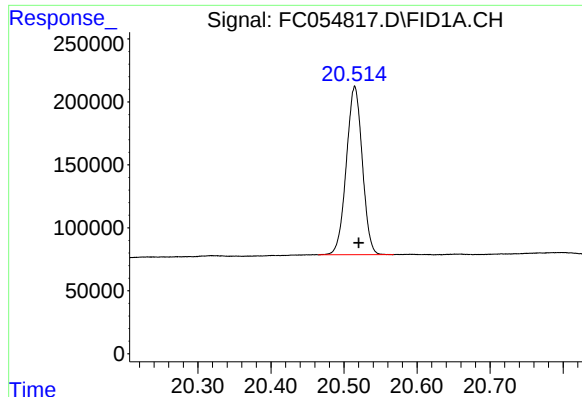
#19 n-Tetratriacontane (C34)

R.T.: 19.073 min  
Delta R.T.: -0.003 min  
Response: 2133190  
Conc: 20.83 ug/ml



#20 n-Hexatriacontane (C36)

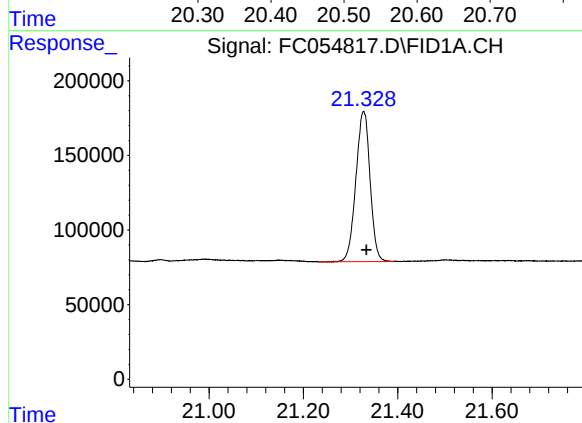
R.T.: 19.811 min  
Delta R.T.: -0.004 min  
Response: 2051218  
Conc: 21.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.515 min  
Delta R.T.: -0.005 min  
Response: 2029368  
Conc: 21.79 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.328 min  
Delta R.T.: -0.006 min  
Response: 2098861  
Conc: 21.63 ug/ml