

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030119AL\  
 Data File : FC039548.D  
 Signal(s) : FID1A.CH  
 Acq On : 02 Mar 2019 6:33  
 Operator : AJ\SJ  
 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 03 23:38:39 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022219.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 25 18:21:16 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

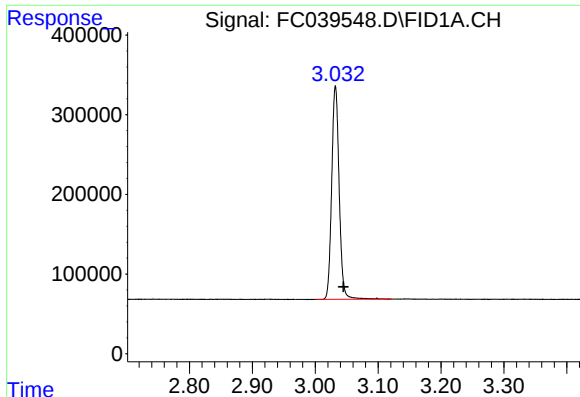
Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.163 | 3110431    | 18.492 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.98%       |
| 12) S 1-chlorooctadecane (S... | 12.609 | 2224612    | 17.636 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.27%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.032  | 2213225    | 18.440 ug/ml |
| 2) T n-Decane (C10)            | 4.081  | 2217386    | 18.406 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.631  | 2425978    | 18.643 ug/ml |
| 4) T n-Dodecane (C12)          | 6.078  | 2226248    | 18.019 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.677  | 2374871    | 18.313 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.856  | 2229479    | 17.505 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.443  | 2227707    | 17.191 ug/ml |
| 8) T n-Octadecane (C18)        | 10.873 | 2223484    | 16.529 ug/ml |
| 10) T n-Eicosane (C20)         | 12.172 | 2246999    | 17.232 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.780 | 2238523    | 17.651 ug/ml |
| 13) T n-Docosane (C22)         | 13.362 | 2259004    | 17.933 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.458 | 2280658    | 18.247 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.473 | 2284354    | 18.314 ug/ml |
| 16) T n-Octacosane (C28)       | 16.417 | 2364062    | 17.688 ug/ml |
| 17) T n-Tricontane (C30)       | 17.300 | 2400393    | 16.356 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.128 | 2343381    | 17.444 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.909 | 2053543    | 18.054 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.645 | 1633523    | 16.937 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.343 | 2039840    | 22.216 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.108 | 1539022    | 16.957 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

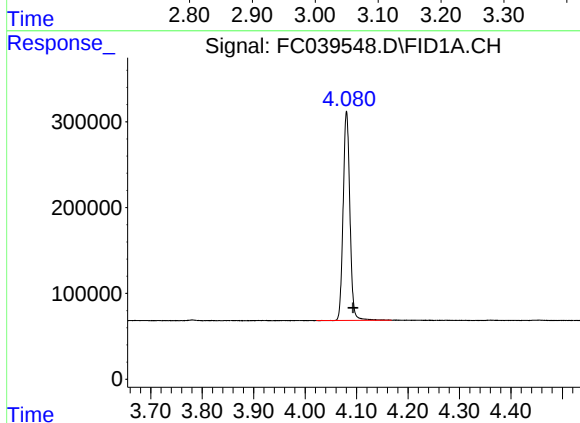




#1 n-Nonane (C9)

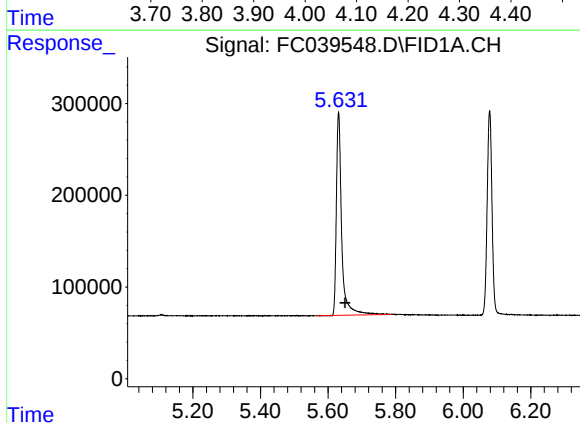
R.T.: 3.032 min  
Delta R.T.: -0.013 min  
Response: 2213225  
Conc: 18.44 ug/ml

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20 PPM ALIPHATIC HC STD



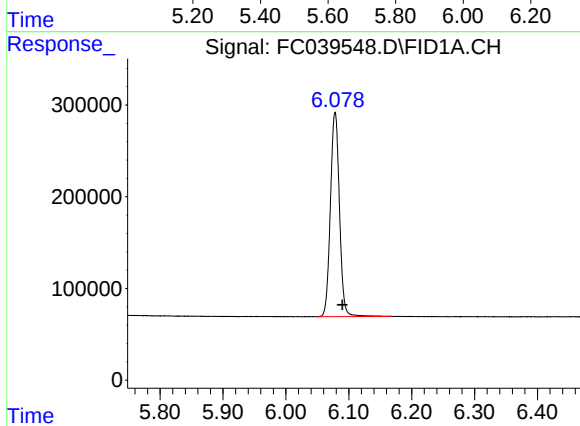
#2 n-Decane (C10)

R.T.: 4.081 min  
Delta R.T.: -0.012 min  
Response: 2217386  
Conc: 18.41 ug/ml



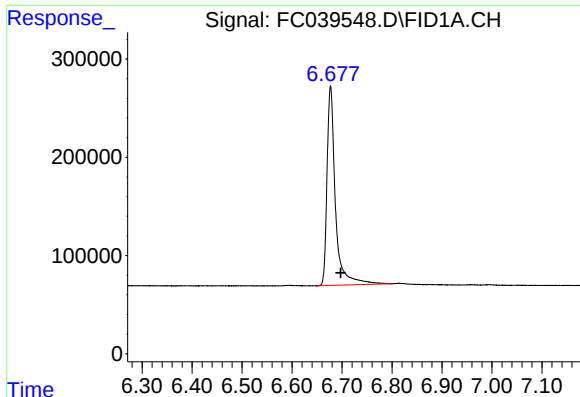
#3 A~Naphthalene (C11.7)

R.T.: 5.631 min  
Delta R.T.: -0.019 min  
Response: 2425978  
Conc: 18.64 ug/ml



#4 n-Dodecane (C12)

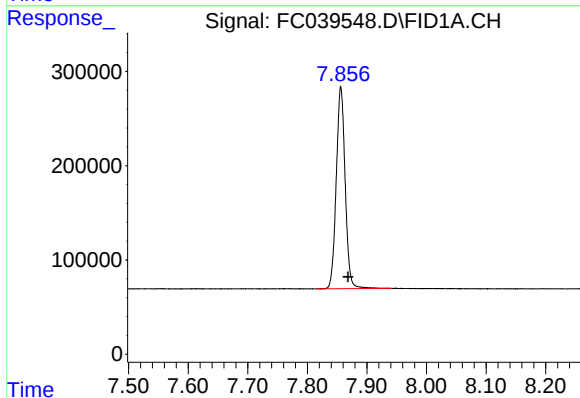
R.T.: 6.078 min  
Delta R.T.: -0.012 min  
Response: 2226248  
Conc: 18.02 ug/ml



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

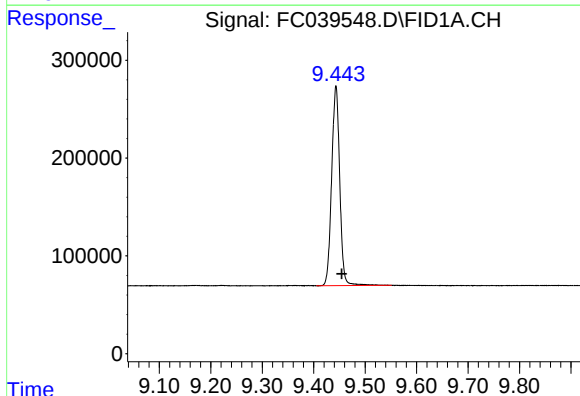
R.T.: 6.677 min  
Delta R.T.: -0.020 min  
Response: 2374871  
Conc: 18.31 ug/ml

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



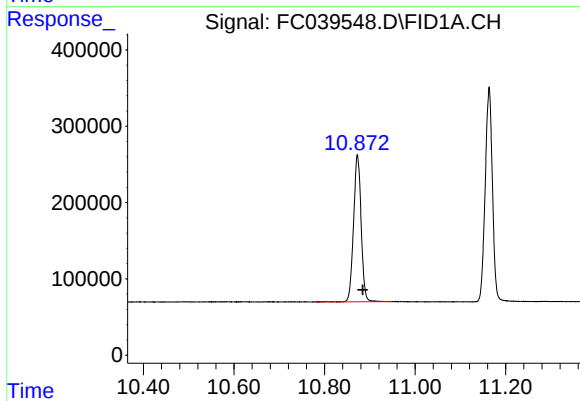
#6 n-Tetradecane (C14)

R.T.: 7.856 min  
Delta R.T.: -0.012 min  
Response: 2229479  
Conc: 17.50 ug/ml



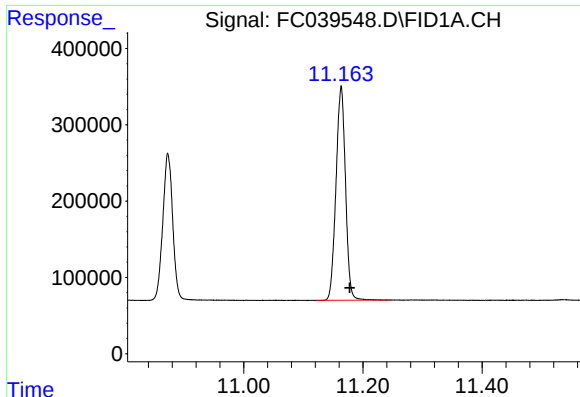
#7 n-Hexadecane (C16)

R.T.: 9.443 min  
Delta R.T.: -0.012 min  
Response: 2227707  
Conc: 17.19 ug/ml



#8 n-Octadecane (C18)

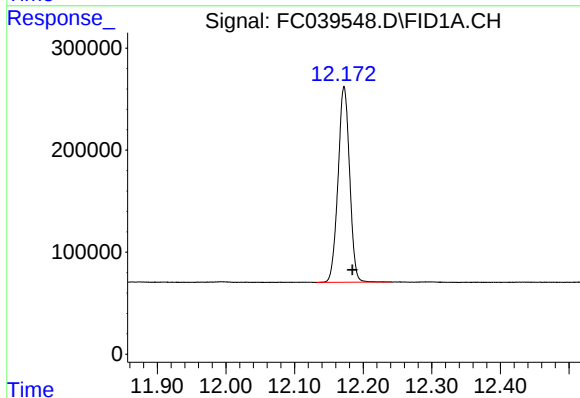
R.T.: 10.873 min  
Delta R.T.: -0.012 min  
Response: 2223484  
Conc: 16.53 ug/ml



#9 ortho-Terphenyl (SURR)

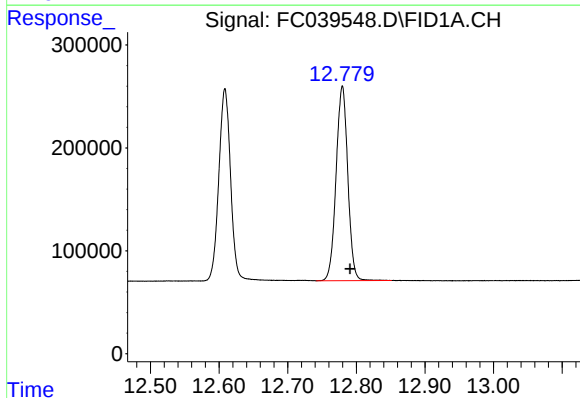
R.T.: 11.163 min  
Delta R.T.: -0.015 min  
Response: 3110431  
Conc: 18.49 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
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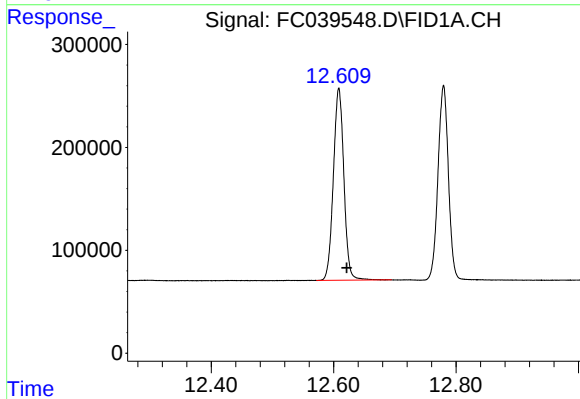
#10 n-Eicosane (C20)

R.T.: 12.172 min  
Delta R.T.: -0.012 min  
Response: 2246999  
Conc: 17.23 ug/ml



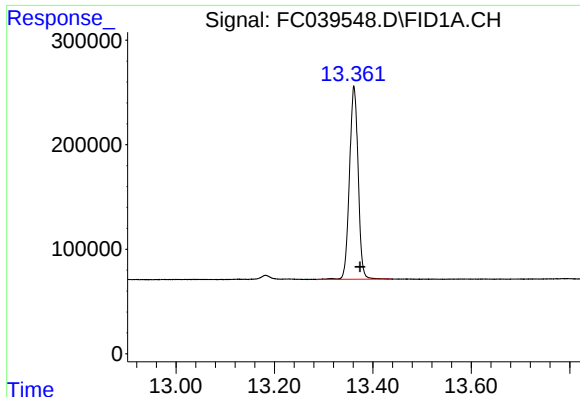
#11 n-Heneicosane (C21)

R.T.: 12.780 min  
Delta R.T.: -0.012 min  
Response: 2238523  
Conc: 17.65 ug/ml



#12 1-chlorooctadecane (SURR)

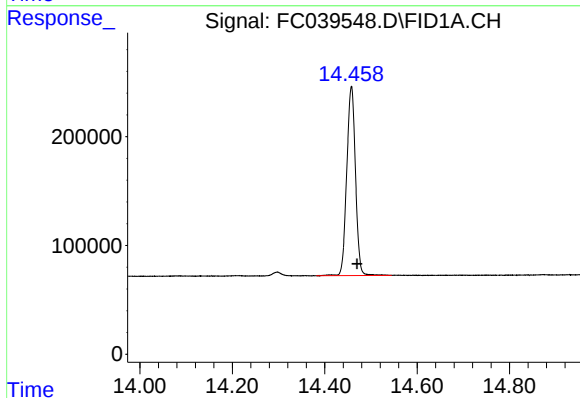
R.T.: 12.609 min  
Delta R.T.: -0.013 min  
Response: 2224612  
Conc: 17.64 ug/ml



#13 n-Docosane (C22)

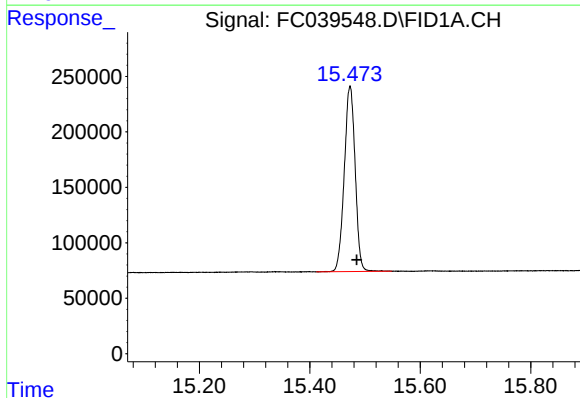
R.T.: 13.362 min  
Delta R.T.: -0.012 min  
Response: 2259004  
Conc: 17.93 ug/ml

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



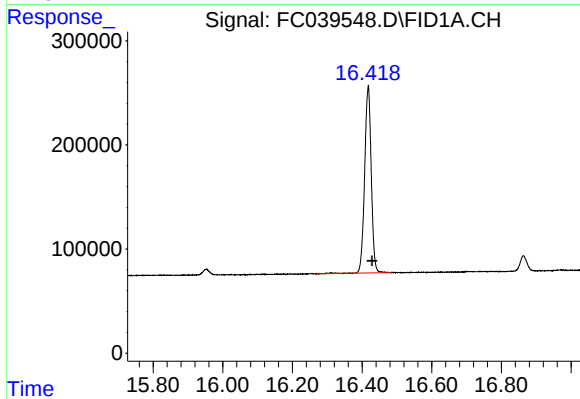
#14 n-Tetracosane (C24)

R.T.: 14.458 min  
Delta R.T.: -0.012 min  
Response: 2280658  
Conc: 18.25 ug/ml



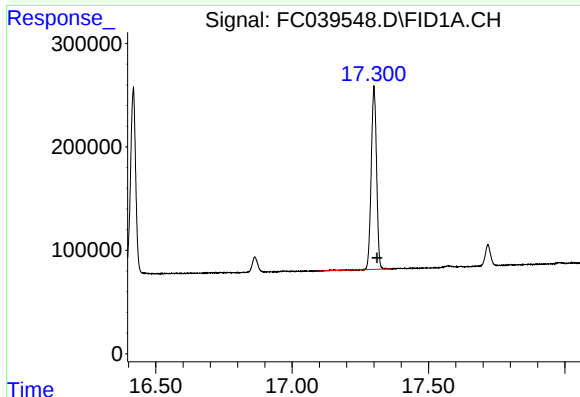
#15 n-Hexacosane (C26)

R.T.: 15.473 min  
Delta R.T.: -0.012 min  
Response: 2284354  
Conc: 18.31 ug/ml



#16 n-Octacosane (C28)

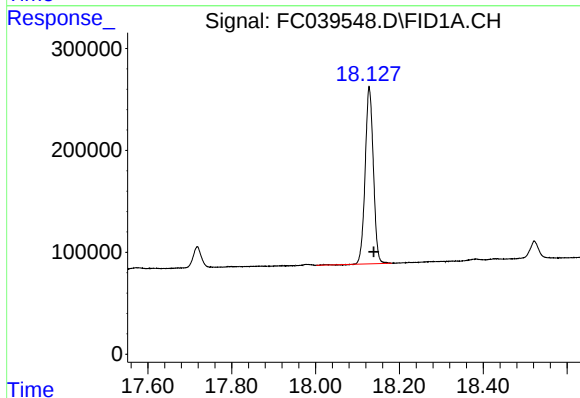
R.T.: 16.417 min  
Delta R.T.: -0.012 min  
Response: 2364062  
Conc: 17.69 ug/ml



#17 n-Tricontane (C30)

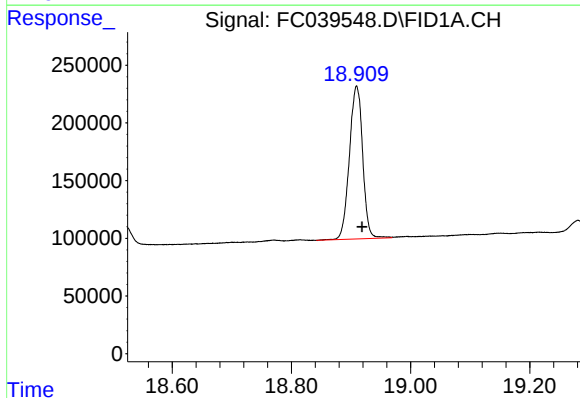
R.T.: 17.300 min  
Delta R.T.: -0.011 min  
Response: 2400393  
Conc: 16.36 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
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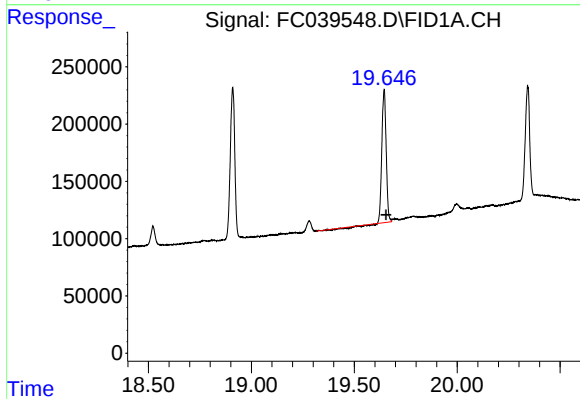
#18 n-Dotriacontane (C32)

R.T.: 18.128 min  
Delta R.T.: -0.011 min  
Response: 2343381  
Conc: 17.44 ug/ml



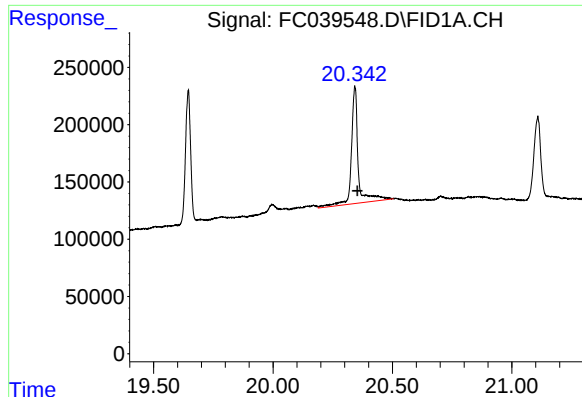
#19 n-Tetratriacontane (C34)

R.T.: 18.909 min  
Delta R.T.: -0.009 min  
Response: 2053543  
Conc: 18.05 ug/ml



#20 n-Hexatriacontane (C36)

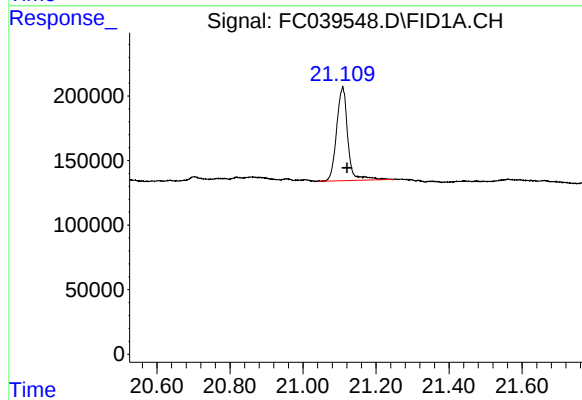
R.T.: 19.645 min  
Delta R.T.: -0.010 min  
Response: 1633523  
Conc: 16.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.343 min  
Delta R.T.: -0.011 min  
Response: 2039840  
Conc: 22.22 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
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#22 n-Tetracontane (C40)

R.T.: 21.108 min  
Delta R.T.: -0.012 min  
Response: 1539022  
Conc: 16.96 ug/ml