

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110320AL\  
 Data File : FC050558.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Nov 2020 14:12  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Nov 04 14:48:44 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 110220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 03 02:36:40 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)    | 11.615 | 2516203    | 20.486 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.97%       |
| 12) S 1-chlorooctadecane (S... | 13.048 | 1983694    | 20.546 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.09%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.367  | 2172906    | 20.421 ug/ml |
| 2) T n-Decane (C10)            | 4.436  | 2181322    | 20.511 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.028  | 2376635    | 20.638 ug/ml |
| 4) T n-Dodecane (C12)          | 6.456  | 2229364    | 20.561 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.085  | 2415252    | 21.052 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.252  | 2224244    | 20.622 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.854  | 2208360    | 20.745 ug/ml |
| 8) T n-Octadecane (C18)        | 11.295 | 2319463    | 20.619 ug/ml |
| 10) T n-Eicosane (C20)         | 12.603 | 2346831    | 20.562 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.215 | 2344916    | 20.555 ug/ml |
| 13) T n-Docosane (C22)         | 13.801 | 2336916    | 20.477 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.902 | 2317269    | 20.291 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.922 | 2246234    | 19.811 ug/ml |
| 16) T n-Octacosane (C28)       | 16.871 | 2170367    | 19.127 ug/ml |
| 17) T n-Tricontane (C30)       | 17.756 | 2051150    | 18.449 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.587 | 1870317    | 18.129 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.370 | 1684767    | 17.509 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.107 | 1590753    | 17.706 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.849 | 1521180    | 18.295 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.774 | 1508595    | 18.028 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

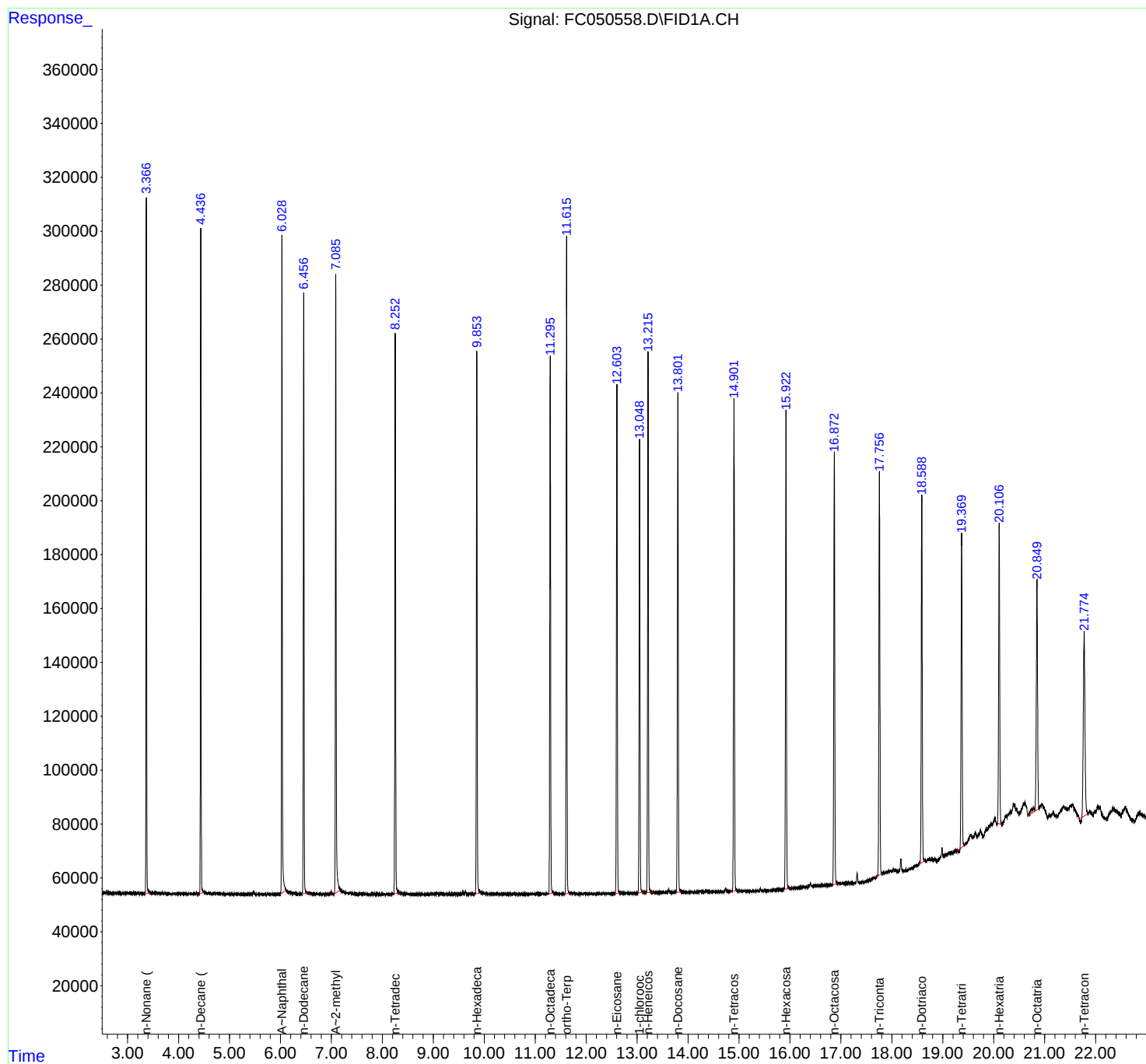
(m)=manual int.

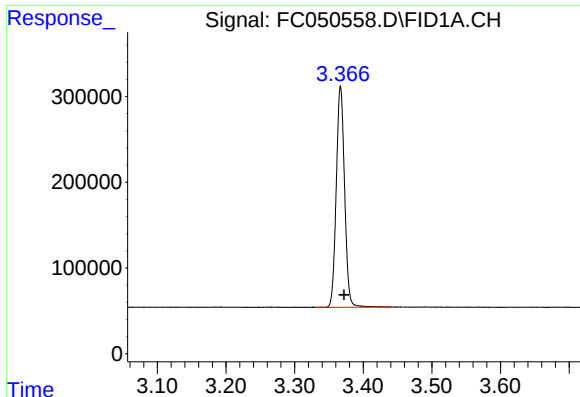
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110320AL\  
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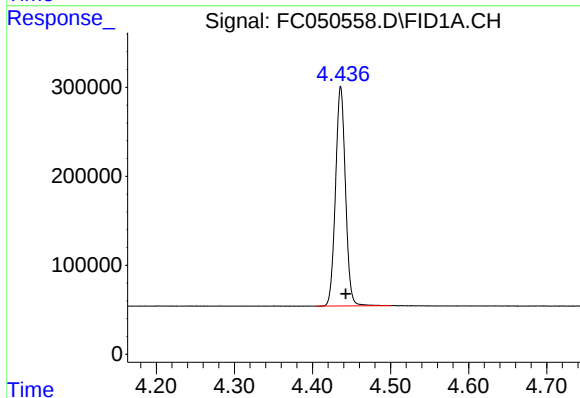




#1 n-Nonane (C9)

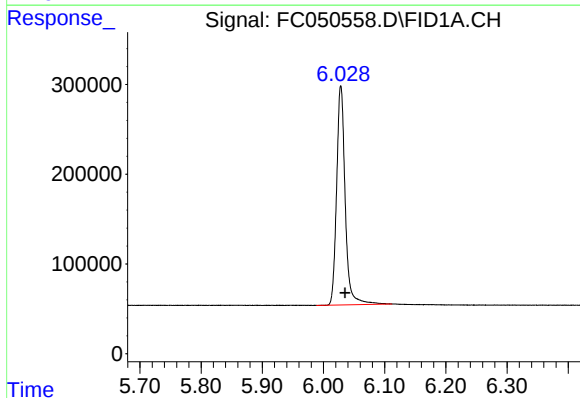
R.T.: 3.367 min  
Delta R.T.: -0.005 min  
Response: 2172906  
Conc: 20.42 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



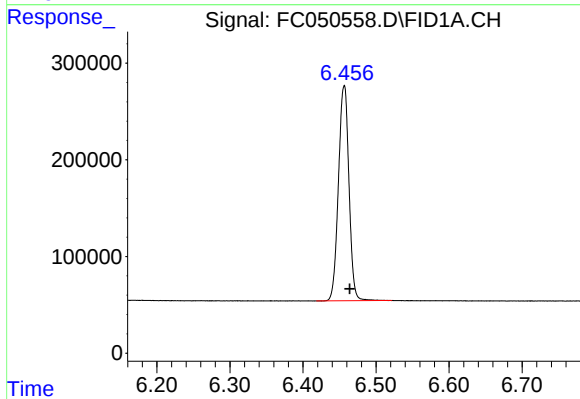
#2 n-Decane (C10)

R.T.: 4.436 min  
Delta R.T.: -0.006 min  
Response: 2181322  
Conc: 20.51 ug/ml



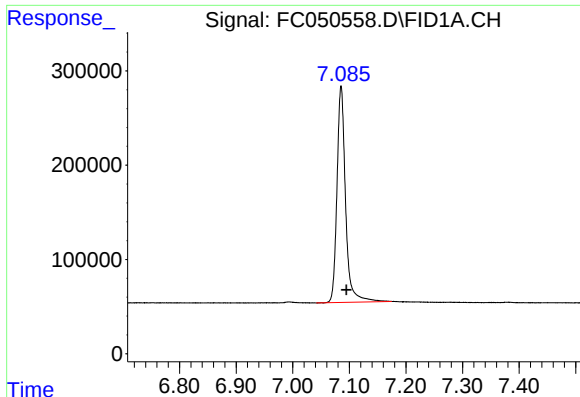
#3 A~Naphthalene (C11.7)

R.T.: 6.028 min  
Delta R.T.: -0.007 min  
Response: 2376635  
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

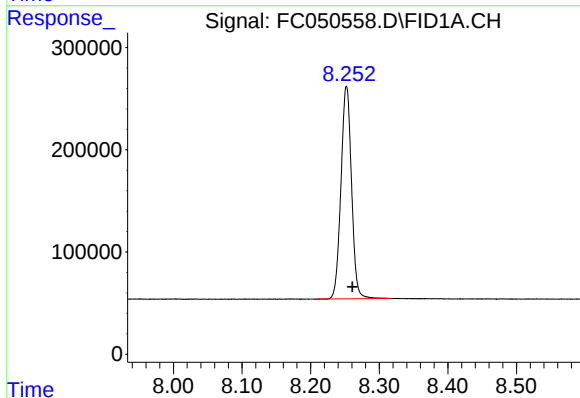
R.T.: 6.456 min  
Delta R.T.: -0.008 min  
Response: 2229364  
Conc: 20.56 ug/ml



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

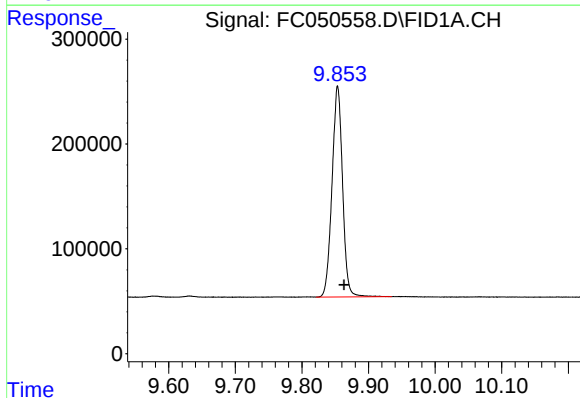
R.T.: 7.085 min  
Delta R.T.: -0.009 min  
Response: 2415252  
Conc: 21.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



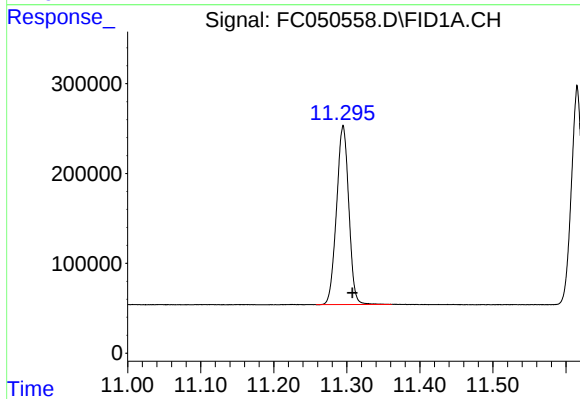
#6 n-Tetradecane (C14)

R.T.: 8.252 min  
Delta R.T.: -0.009 min  
Response: 2224244  
Conc: 20.62 ug/ml



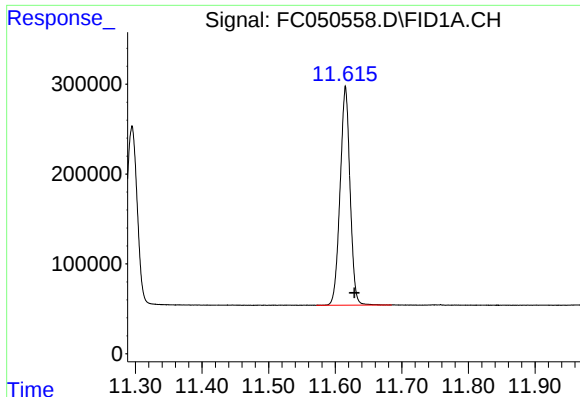
#7 n-Hexadecane (C16)

R.T.: 9.854 min  
Delta R.T.: -0.009 min  
Response: 2208360  
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

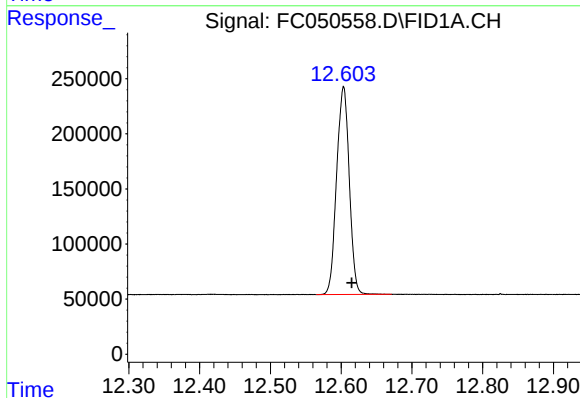
R.T.: 11.295 min  
Delta R.T.: -0.013 min  
Response: 2319463  
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

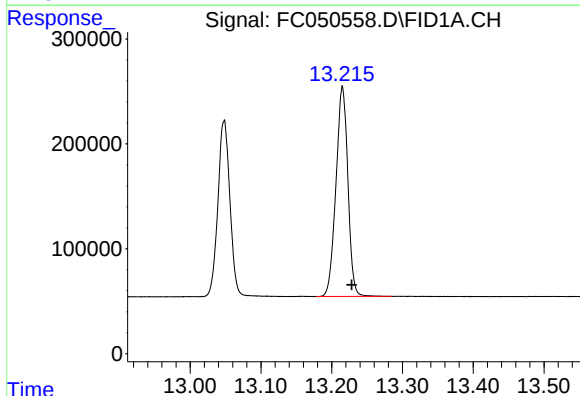
R.T.: 11.615 min  
Delta R.T.: -0.014 min  
Response: 2516203  
Conc: 20.49 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



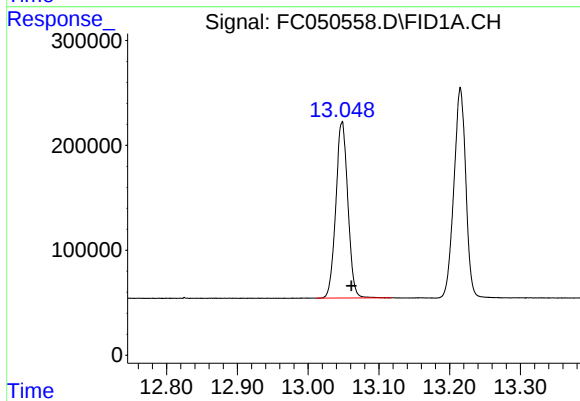
#10 n-Eicosane (C20)

R.T.: 12.603 min  
Delta R.T.: -0.012 min  
Response: 2346831  
Conc: 20.56 ug/ml



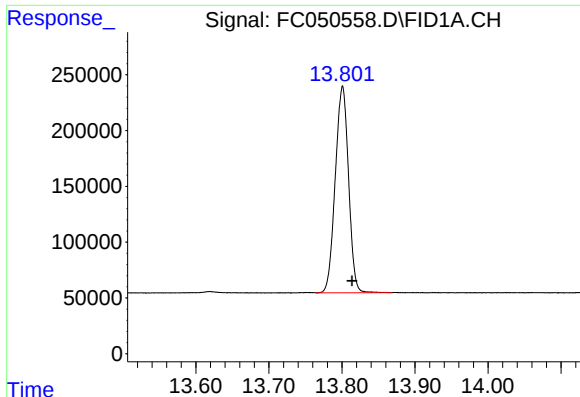
#11 n-Heneicosane (C21)

R.T.: 13.215 min  
Delta R.T.: -0.013 min  
Response: 2344916  
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

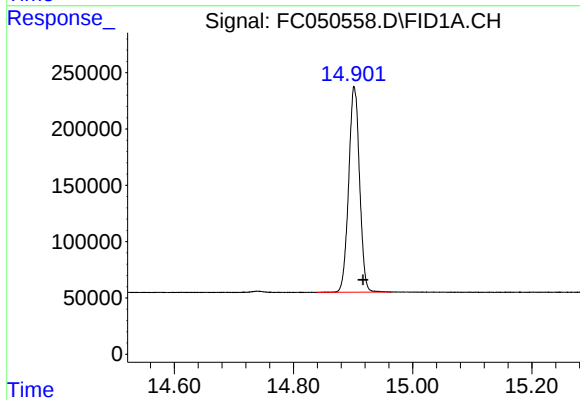
R.T.: 13.048 min  
Delta R.T.: -0.013 min  
Response: 1983694  
Conc: 20.55 ug/ml



#13 n-Docosane (C22)

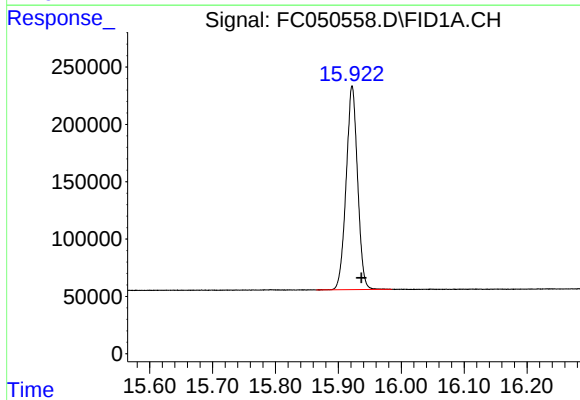
R.T.: 13.801 min  
Delta R.T.: -0.013 min  
Response: 2336916  
Conc: 20.48 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



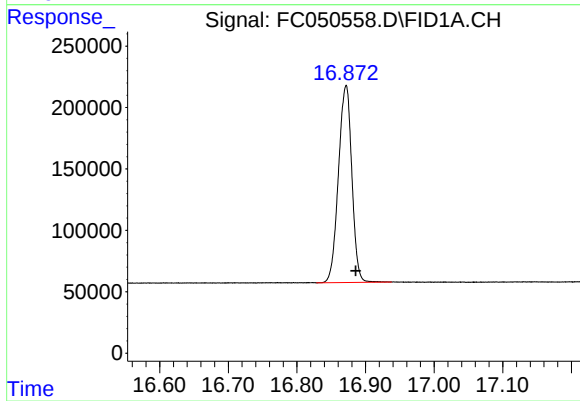
#14 n-Tetracosane (C24)

R.T.: 14.902 min  
Delta R.T.: -0.014 min  
Response: 2317269  
Conc: 20.29 ug/ml



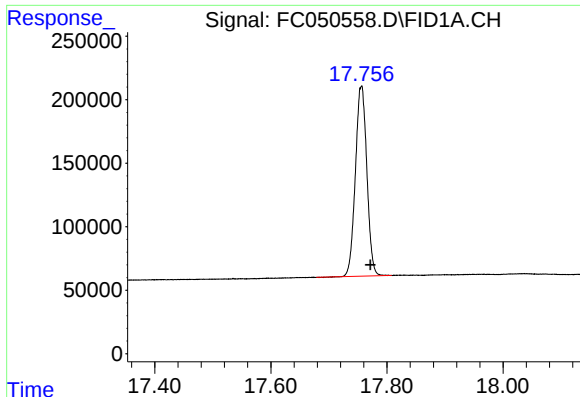
#15 n-Hexacosane (C26)

R.T.: 15.922 min  
Delta R.T.: -0.015 min  
Response: 2246234  
Conc: 19.81 ug/ml



#16 n-Octacosane (C28)

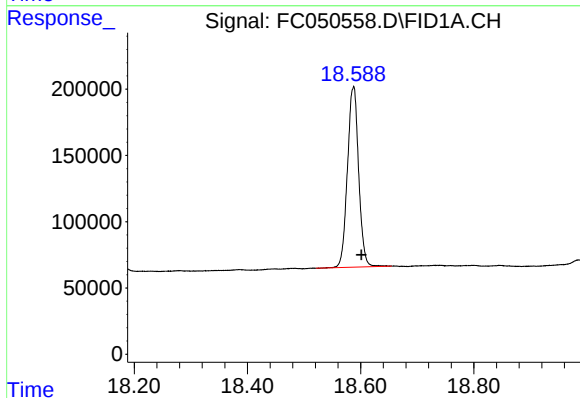
R.T.: 16.871 min  
Delta R.T.: -0.014 min  
Response: 2170367  
Conc: 19.13 ug/ml



#17 n-Tricontane (C30)

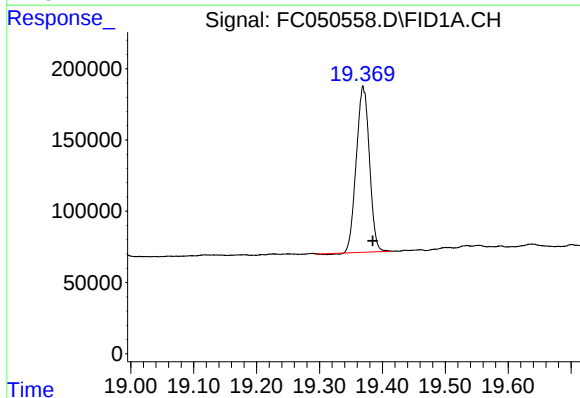
R.T.: 17.756 min  
Delta R.T.: -0.016 min  
Response: 2051150  
Conc: 18.45 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



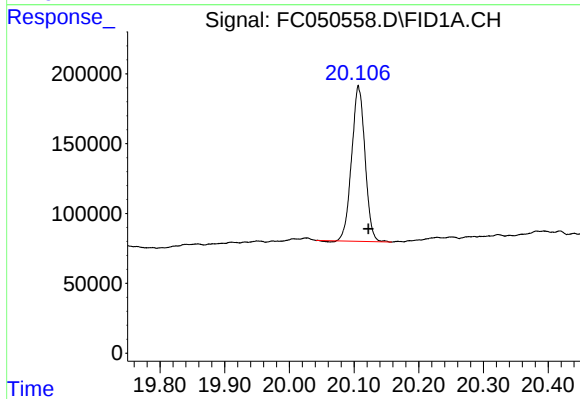
#18 n-Dotriacontane (C32)

R.T.: 18.587 min  
Delta R.T.: -0.014 min  
Response: 1870317  
Conc: 18.13 ug/ml



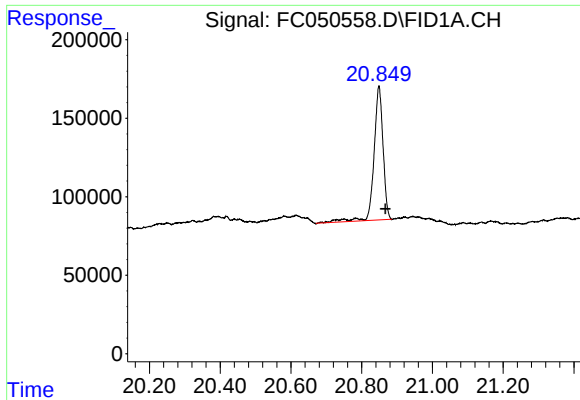
#19 n-Tetratriacontane (C34)

R.T.: 19.370 min  
Delta R.T.: -0.015 min  
Response: 1684767  
Conc: 17.51 ug/ml



#20 n-Hexatriacontane (C36)

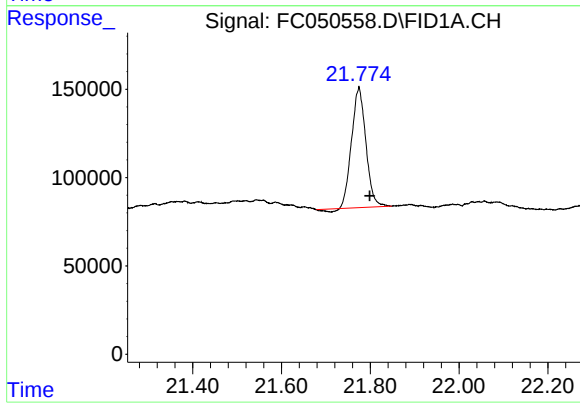
R.T.: 20.107 min  
Delta R.T.: -0.015 min  
Response: 1590753  
Conc: 17.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.849 min  
Delta R.T.: -0.019 min  
Response: 1521180  
Conc: 18.30 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.774 min  
Delta R.T.: -0.025 min  
Response: 1508595  
Conc: 18.03 ug/ml