

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081720AL\  
 Data File : FC049063.D  
 Signal(s) : FID1A.CH  
 Acq On : 18 Aug 2020 2:54  
 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: Aug 18 03:26:50 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080720.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Aug 08 02:38:47 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)    | 11.679 | 2555443    | 21.508 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.02%       |
| 12) S 1-chlorooctadecane (S... | 13.111 | 2076897    | 21.350 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.70%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.408  | 2240783    | 21.484 ug/ml |
| 2) T n-Decane (C10)            | 4.484  | 2275674    | 21.696 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.082  | 2588779    | 21.890 ug/ml |
| 4) T n-Dodecane (C12)          | 6.510  | 2320878    | 21.881 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.143  | 2649084    | 21.971 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.308  | 2319164    | 22.023 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.912  | 2304129    | 21.952 ug/ml |
| 8) T n-Octadecane (C18)        | 11.354 | 2395423    | 21.804 ug/ml |
| 10) T n-Eicosane (C20)         | 12.665 | 2404736    | 21.609 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.276 | 2392528    | 21.418 ug/ml |
| 13) T n-Docosane (C22)         | 13.862 | 2381562    | 21.188 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.965 | 2335968    | 20.547 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.985 | 2248132    | 19.648 ug/ml |
| 16) T n-Octacosane (C28)       | 16.935 | 2173038    | 18.678 ug/ml |
| 17) T n-Tricontane (C30)       | 17.819 | 2065258    | 17.866 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.650 | 1879335    | 17.381 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.431 | 1765608    | 17.023 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.170 | 1707049    | 17.169 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.924 | 1641436    | 17.358 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.875 | 1710022    | 17.913 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

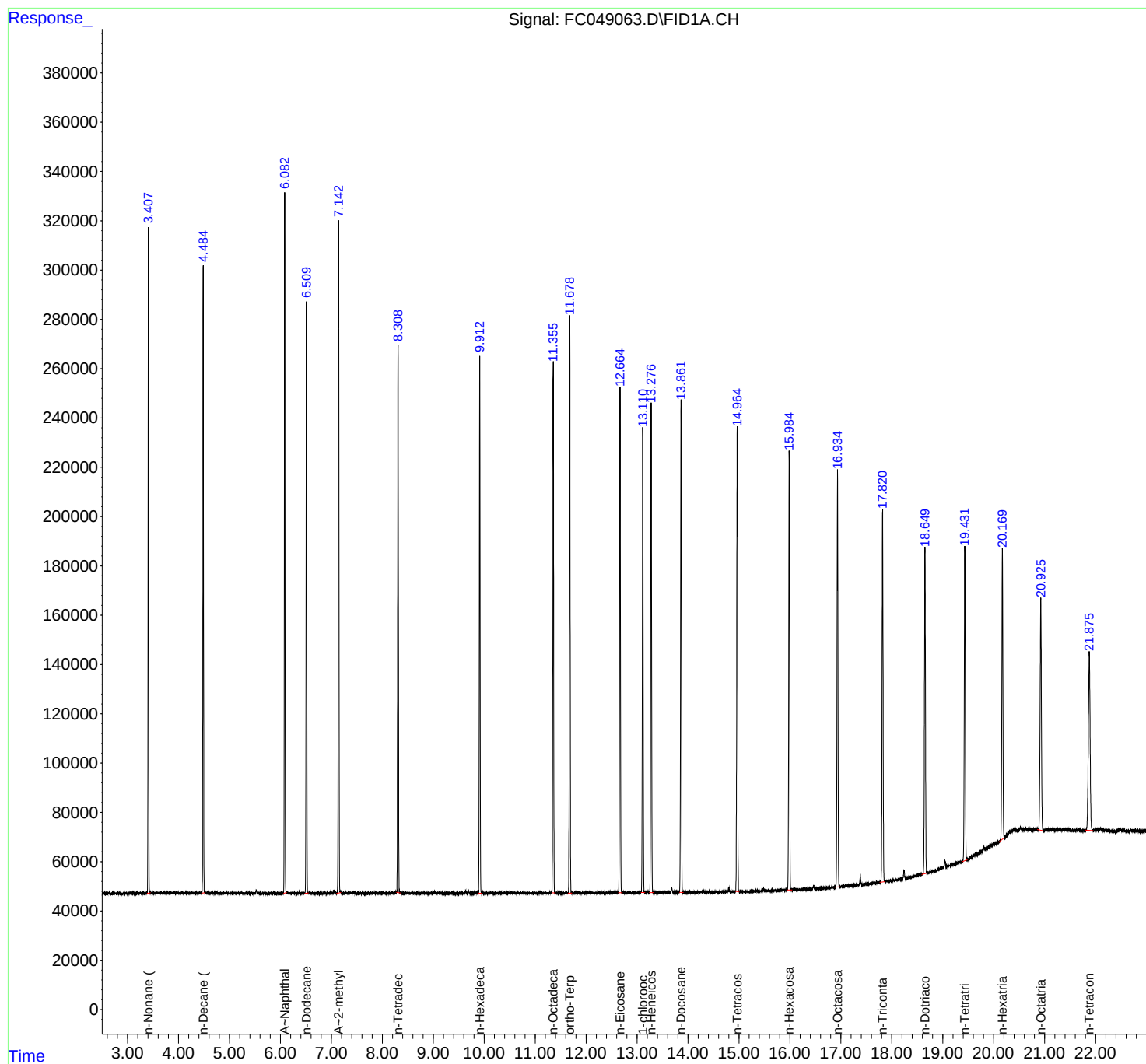
(m)=manual int.

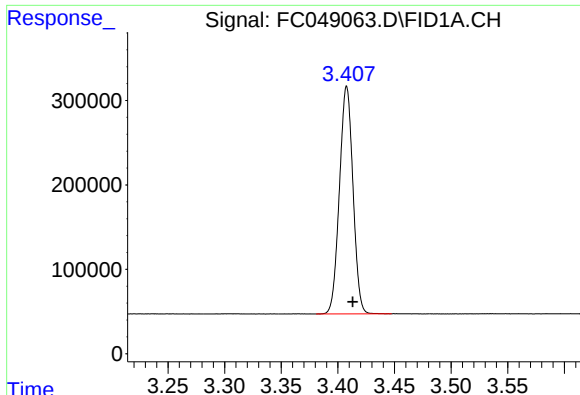
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081720AL\  
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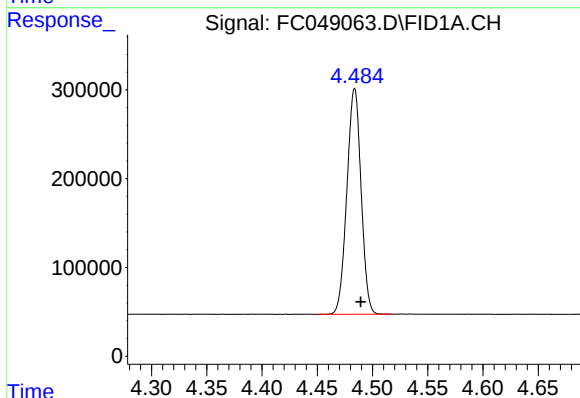




#1 n-Nonane (C9)

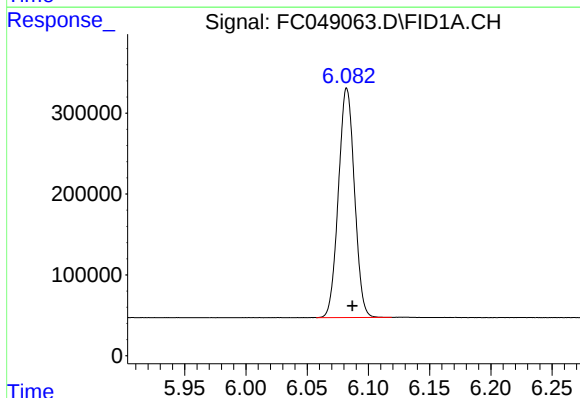
R.T.: 3.408 min  
Delta R.T.: -0.005 min  
Response: 2240783  
Conc: 21.48 ug/ml

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



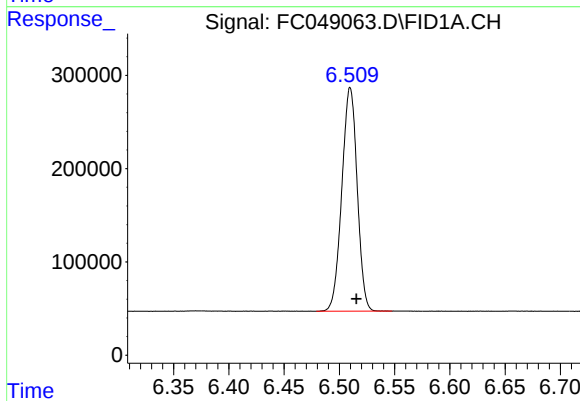
#2 n-Decane (C10)

R.T.: 4.484 min  
Delta R.T.: -0.005 min  
Response: 2275674  
Conc: 21.70 ug/ml



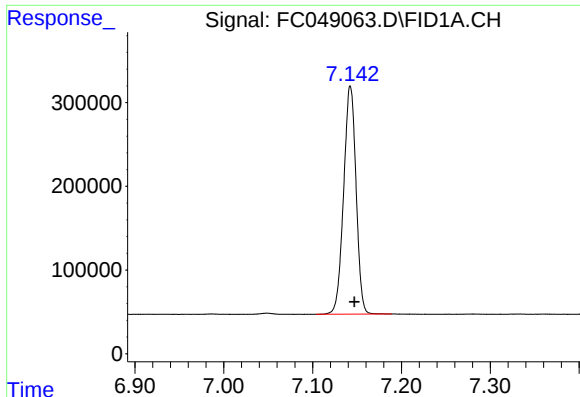
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min  
Delta R.T.: -0.004 min  
Response: 2588779  
Conc: 21.89 ug/ml



#4 n-Dodecane (C12)

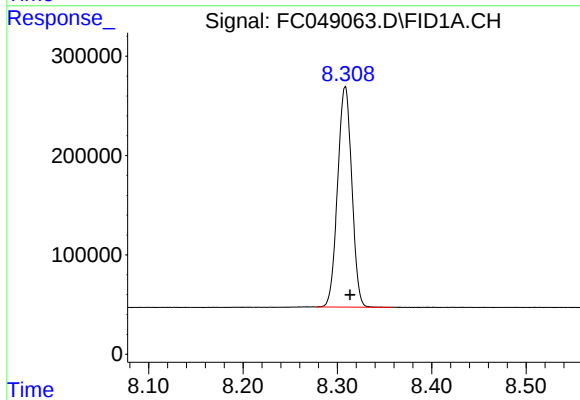
R.T.: 6.510 min  
Delta R.T.: -0.005 min  
Response: 2320878  
Conc: 21.88 ug/ml



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

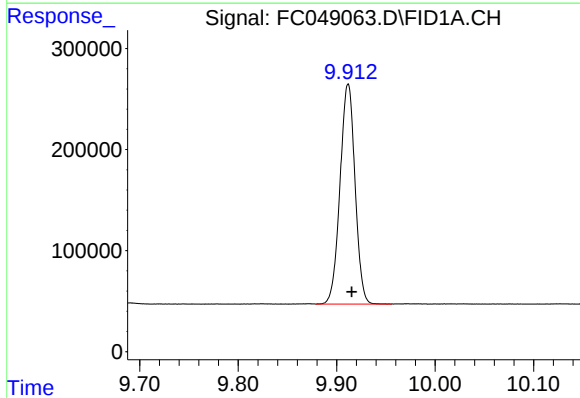
R.T.: 7.143 min  
Delta R.T.: -0.005 min  
Response: 2649084  
Conc: 21.97 ug/ml

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



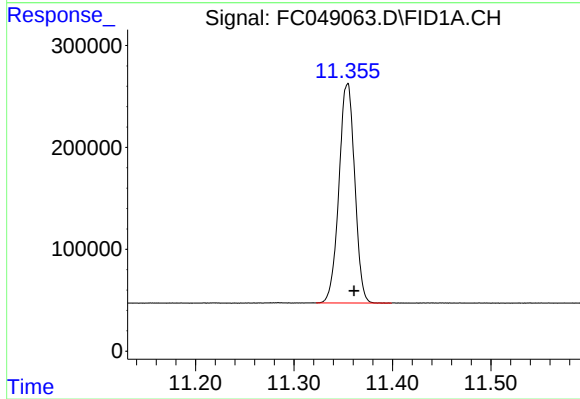
#6 n-Tetradecane (C14)

R.T.: 8.308 min  
Delta R.T.: -0.005 min  
Response: 2319164  
Conc: 22.02 ug/ml



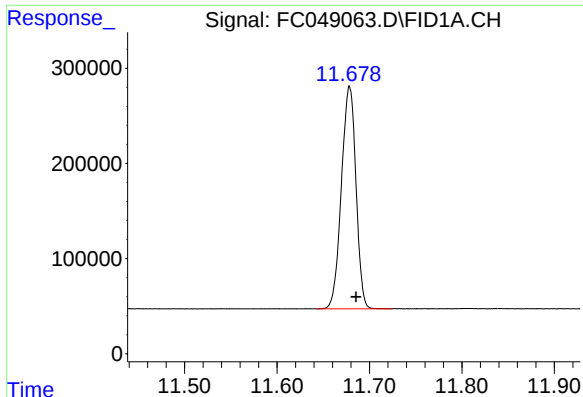
#7 n-Hexadecane (C16)

R.T.: 9.912 min  
Delta R.T.: -0.004 min  
Response: 2304129  
Conc: 21.95 ug/ml



#8 n-Octadecane (C18)

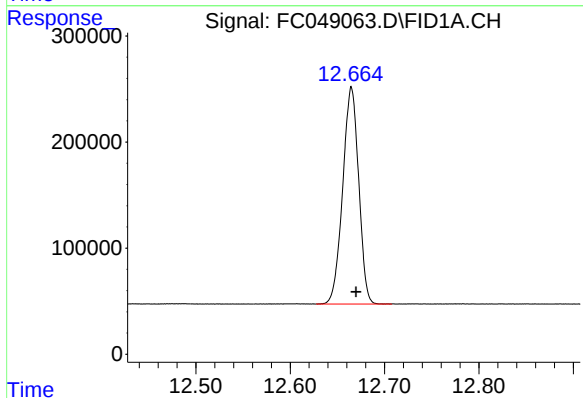
R.T.: 11.354 min  
Delta R.T.: -0.007 min  
Response: 2395423  
Conc: 21.80 ug/ml



#9 ortho-Terphenyl (SURR)

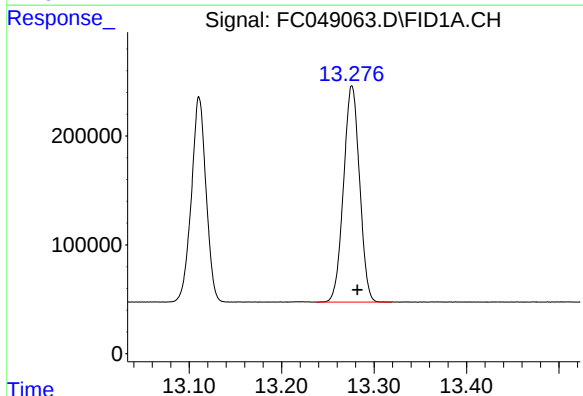
R.T.: 11.679 min  
Delta R.T.: -0.007 min  
Response: 2555443  
Conc: 21.51 ug/ml

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



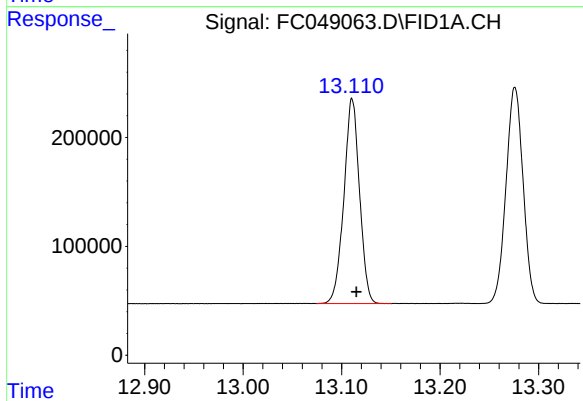
#10 n-Eicosane (C20)

R.T.: 12.665 min  
Delta R.T.: -0.005 min  
Response: 2404736  
Conc: 21.61 ug/ml



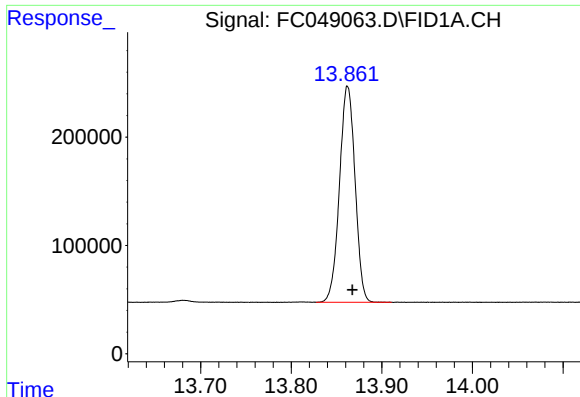
#11 n-Heneicosane (C21)

R.T.: 13.276 min  
Delta R.T.: -0.006 min  
Response: 2392528  
Conc: 21.42 ug/ml



#12 1-chlorooctadecane (SURR)

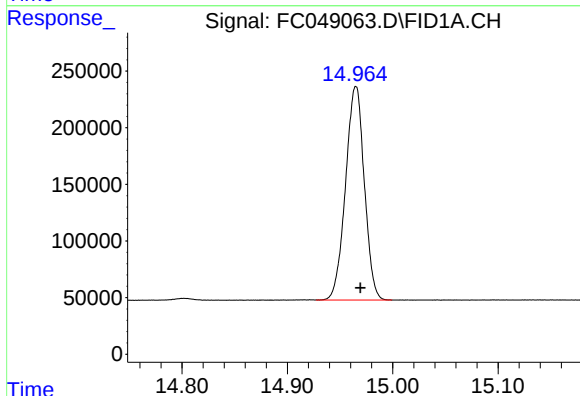
R.T.: 13.111 min  
Delta R.T.: -0.004 min  
Response: 2076897  
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

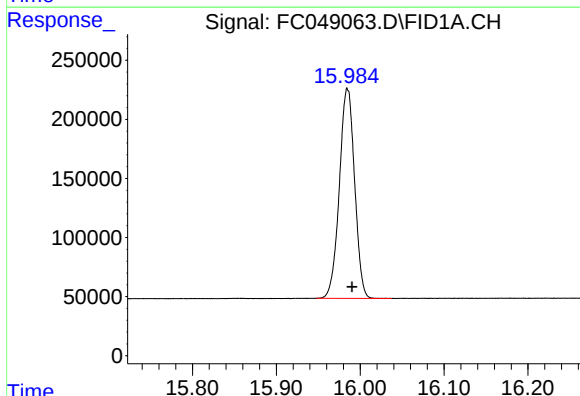
R.T.: 13.862 min  
Delta R.T.: -0.005 min  
Response: 2381562  
Conc: 21.19 ug/ml

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



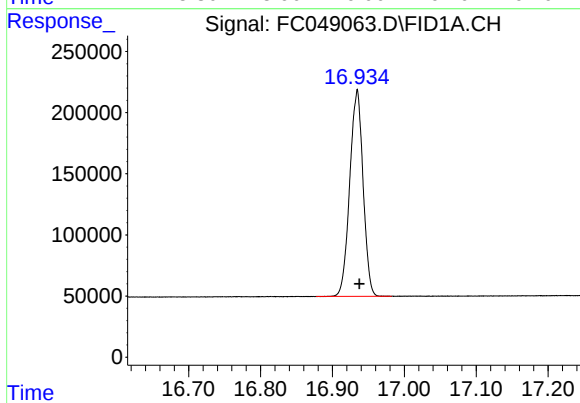
#14 n-Tetracosane (C24)

R.T.: 14.965 min  
Delta R.T.: -0.004 min  
Response: 2335968  
Conc: 20.55 ug/ml



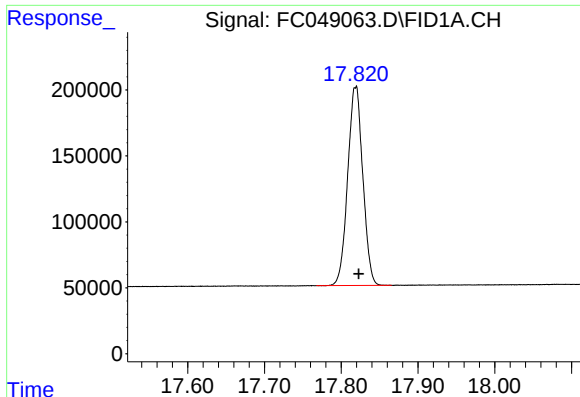
#15 n-Hexacosane (C26)

R.T.: 15.985 min  
Delta R.T.: -0.005 min  
Response: 2248132  
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

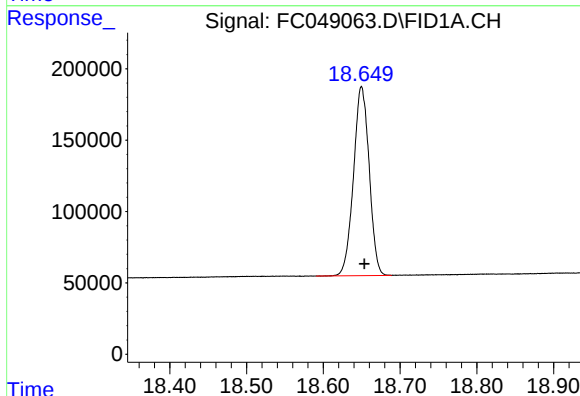
R.T.: 16.935 min  
Delta R.T.: -0.003 min  
Response: 2173038  
Conc: 18.68 ug/ml



#17 n-Tricontane (C30)

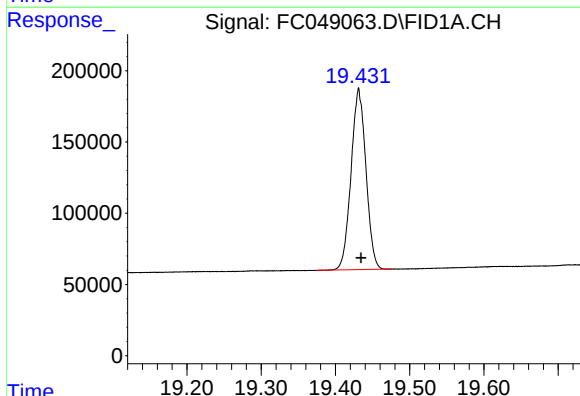
R.T.: 17.819 min  
Delta R.T.: -0.004 min  
Response: 2065258  
Conc: 17.87 ug/ml

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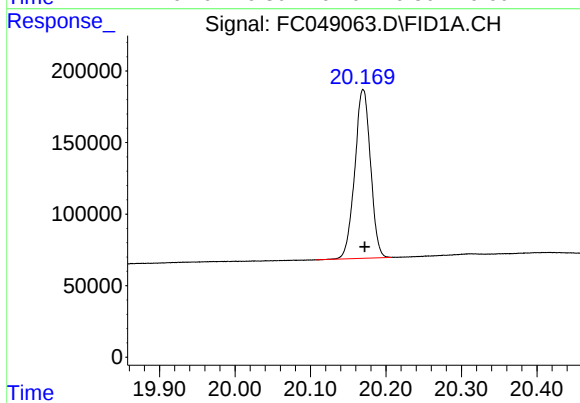
#18 n-Dotriacontane (C32)

R.T.: 18.650 min  
Delta R.T.: -0.004 min  
Response: 1879335  
Conc: 17.38 ug/ml



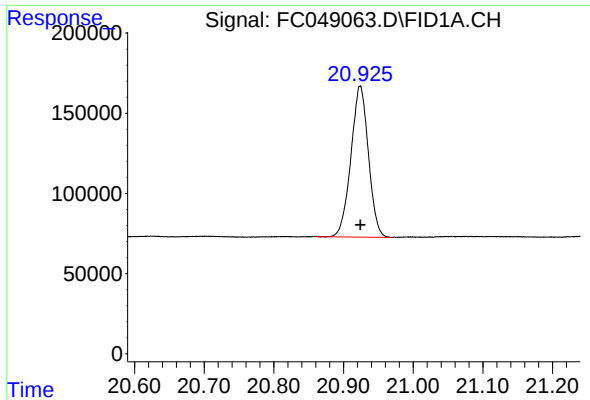
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min  
Delta R.T.: -0.003 min  
Response: 1765608  
Conc: 17.02 ug/ml



#20 n-Hexatriacontane (C36)

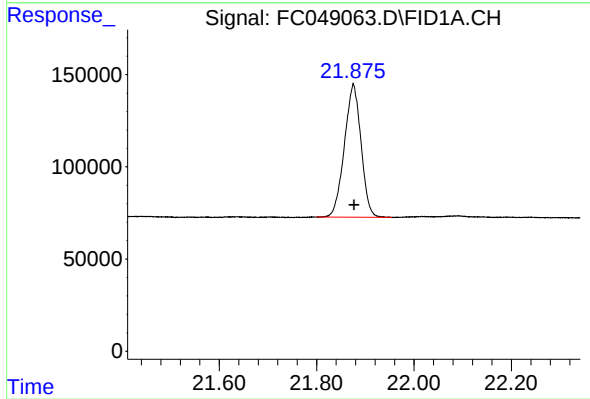
R.T.: 20.170 min  
Delta R.T.: -0.002 min  
Response: 1707049  
Conc: 17.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.924 min  
Delta R.T.: 0.000 min  
Response: 1641436  
Conc: 17.36 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.875 min  
Delta R.T.: -0.001 min  
Response: 1710022  
Conc: 17.91 ug/ml