

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110819AL\  
 Data File : FC044465.D  
 Signal(s) : FID1A.CH  
 Acq On : 09 Nov 2019 20:59  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Nov 11 00:26:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 102219.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 12:36:58 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)    | 11.716 | 2566645    | 17.609 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.22%       |
| 12) S 1-chlorooctadecane (S... | 13.146 | 1931462    | 17.274 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.55%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.449  | 2508148    | 22.769 ug/ml |
| 2) T n-Decane (C10)            | 4.525  | 2547184    | 22.933 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.126  | 2789688    | 22.421 ug/ml |
| 4) T n-Dodecane (C12)          | 6.551  | 2550590    | 22.679 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.184  | 2790272    | 22.127 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.346  | 2522057    | 22.292 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.947  | 2476746    | 21.676 ug/ml |
| 8) T n-Octadecane (C18)        | 11.389 | 2418565    | 21.124 ug/ml |
| 10) T n-Eicosane (C20)         | 12.699 | 2341930    | 20.535 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.312 | 2293885    | 19.999 ug/ml |
| 13) T n-Docosane (C22)         | 13.898 | 2293449    | 20.196 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.001 | 2298950    | 20.330 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.024 | 2320151    | 20.970 ug/ml |
| 16) T n-Octacosane (C28)       | 16.975 | 2364070    | 21.823 ug/ml |
| 17) T n-Tricontane (C30)       | 17.864 | 2385670    | 22.542 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.695 | 2316498    | 23.001 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.480 | 2163964    | 23.078 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.221 | 2062382    | 23.757 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.990 | 1945408    | 24.125 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.954 | 1976823    | 23.387 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

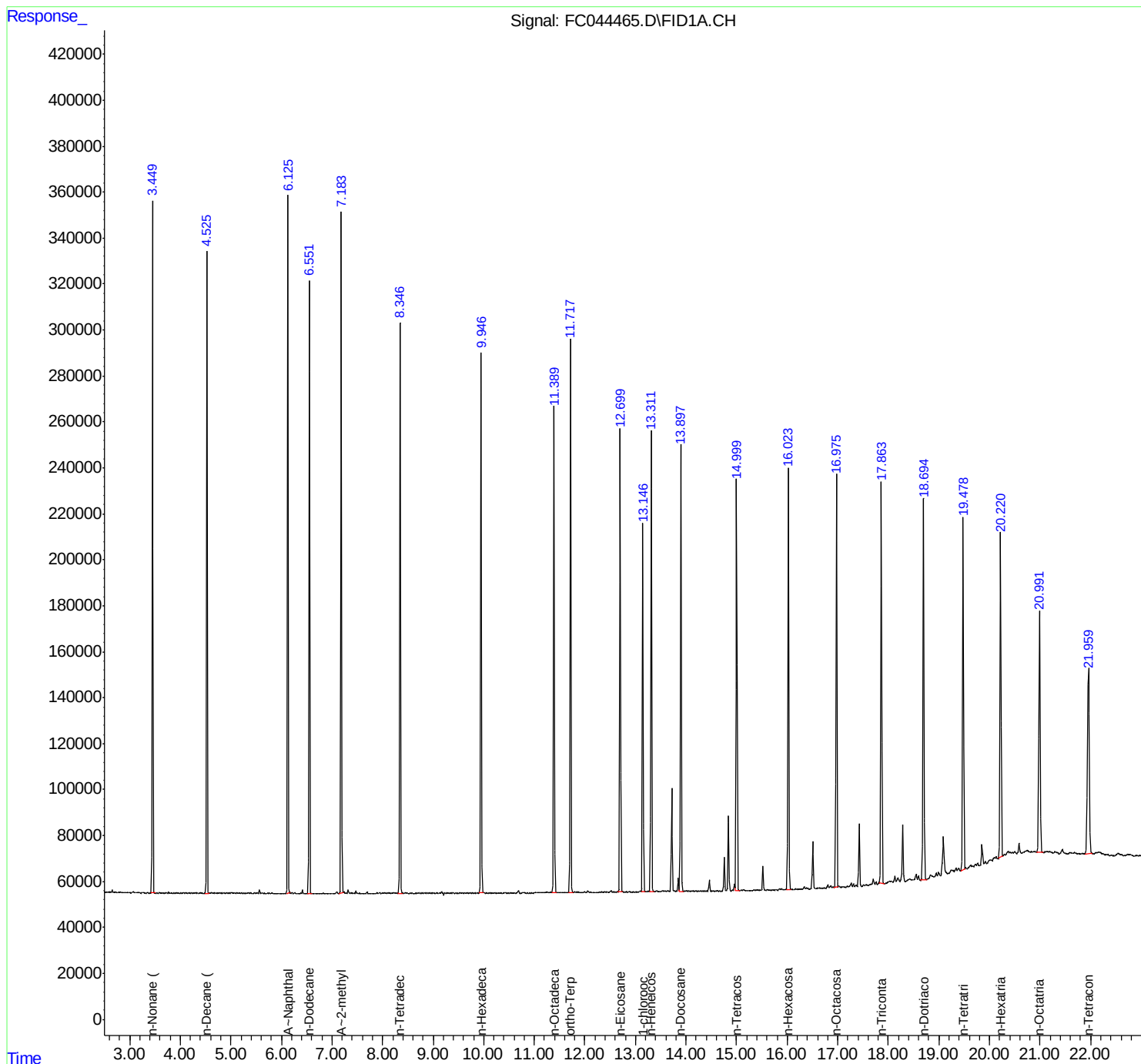
(m)=manual int.

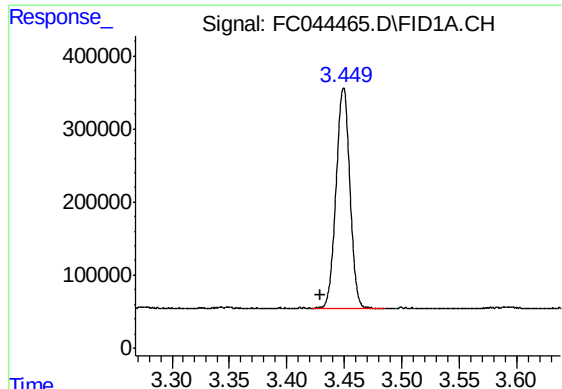
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110819AL\  
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Volume Inj. : 1 ul  
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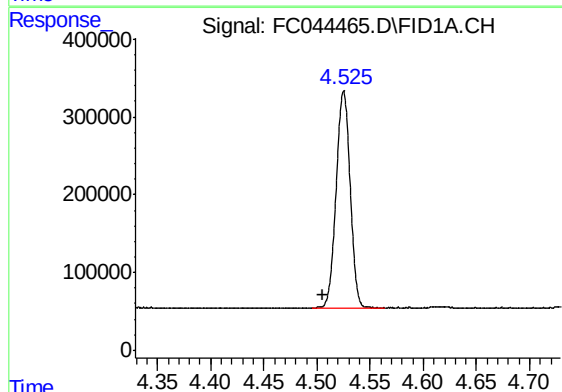




#1 n-Nonane (C9)

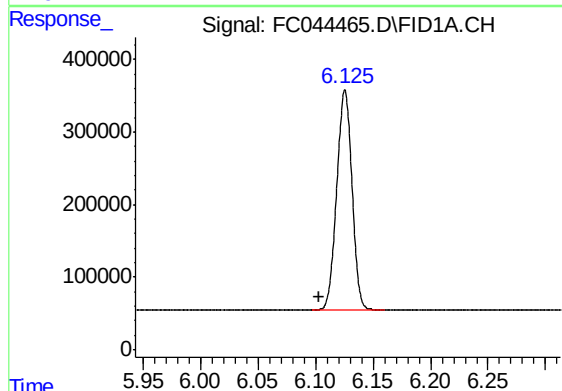
R.T.: 3.449 min  
Delta R.T.: 0.020 min  
Response: 2508148  
Conc: 22.77 ug/ml

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



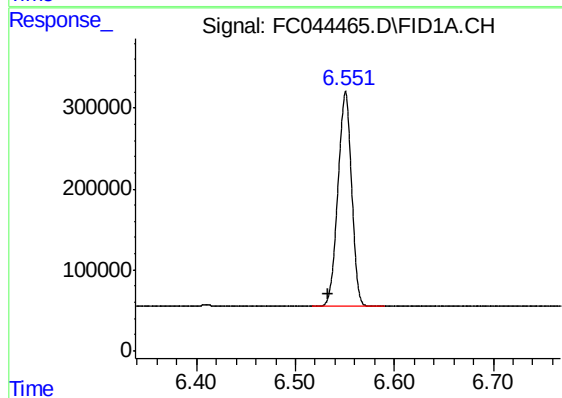
#2 n-Decane (C10)

R.T.: 4.525 min  
Delta R.T.: 0.020 min  
Response: 2547184  
Conc: 22.93 ug/ml



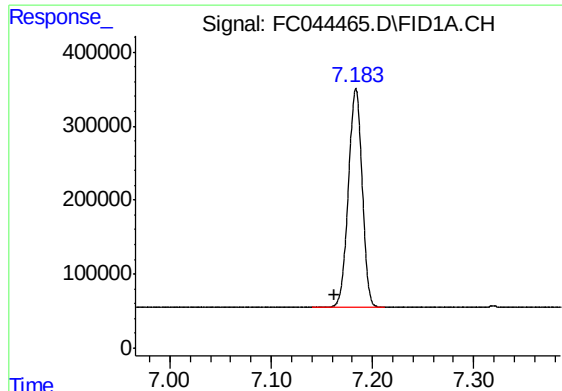
#3 A~Naphthalene (C11.7)

R.T.: 6.126 min  
Delta R.T.: 0.023 min  
Response: 2789688  
Conc: 22.42 ug/ml



#4 n-Dodecane (C12)

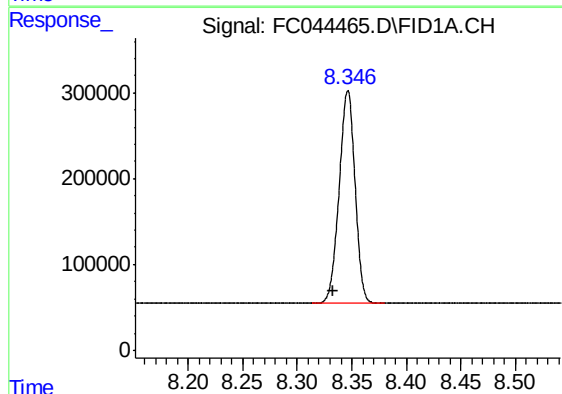
R.T.: 6.551 min  
Delta R.T.: 0.017 min  
Response: 2550590  
Conc: 22.68 ug/ml



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

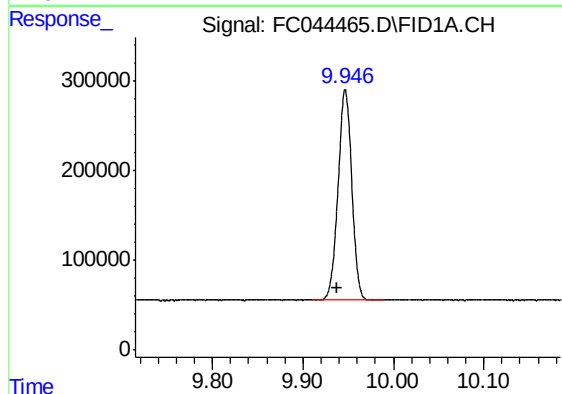
R.T.: 7.184 min  
Delta R.T.: 0.021 min  
Response: 2790272  
Conc: 22.13 ug/ml

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



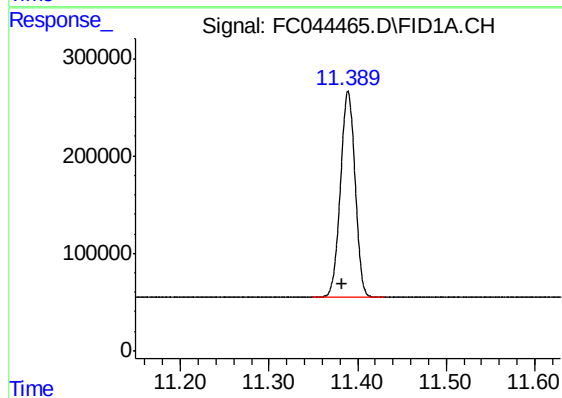
#6 n-Tetradecane (C14)

R.T.: 8.346 min  
Delta R.T.: 0.014 min  
Response: 2522057  
Conc: 22.29 ug/ml



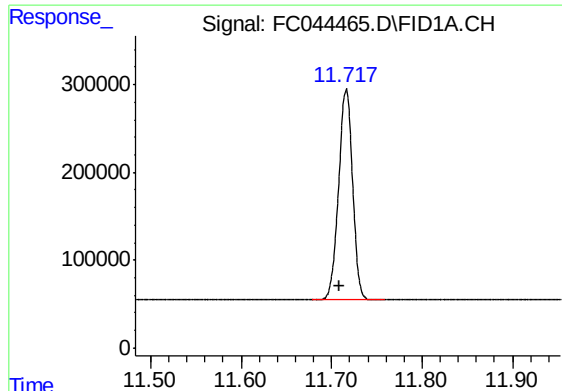
#7 n-Hexadecane (C16)

R.T.: 9.947 min  
Delta R.T.: 0.009 min  
Response: 2476746  
Conc: 21.68 ug/ml



#8 n-Octadecane (C18)

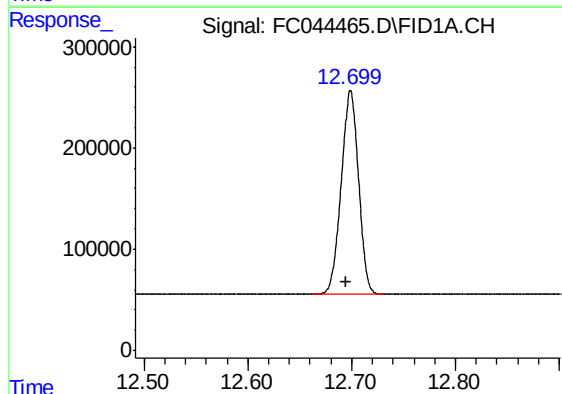
R.T.: 11.389 min  
Delta R.T.: 0.007 min  
Response: 2418565  
Conc: 21.12 ug/ml



#9 ortho-Terphenyl (SURR)

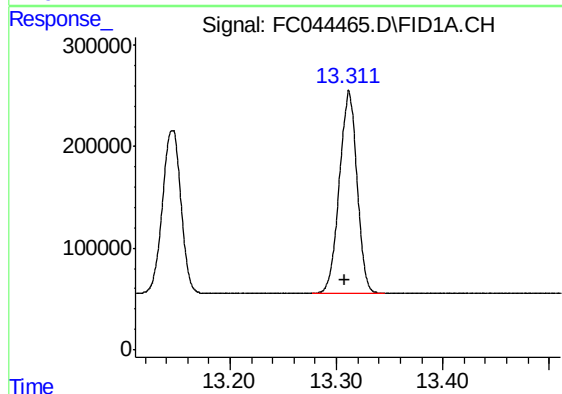
R.T.: 11.716 min  
Delta R.T.: 0.008 min  
Response: 2566645  
Conc: 17.61 ug/ml

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



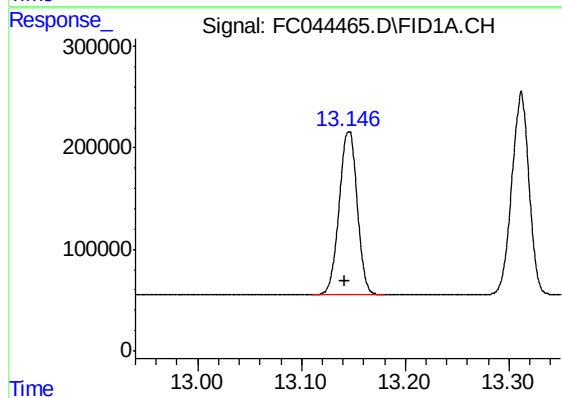
#10 n-Eicosane (C20)

R.T.: 12.699 min  
Delta R.T.: 0.005 min  
Response: 2341930  
Conc: 20.53 ug/ml



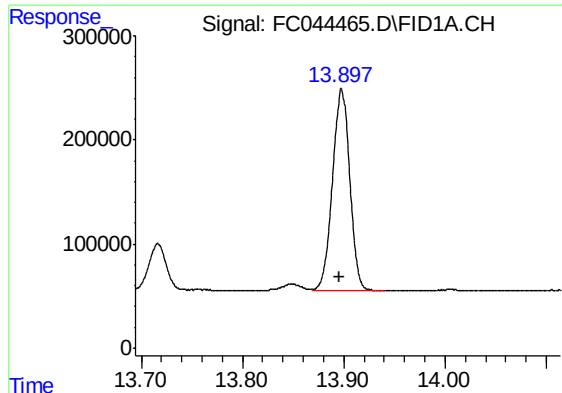
#11 n-Heneicosane (C21)

R.T.: 13.312 min  
Delta R.T.: 0.004 min  
Response: 2293885  
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

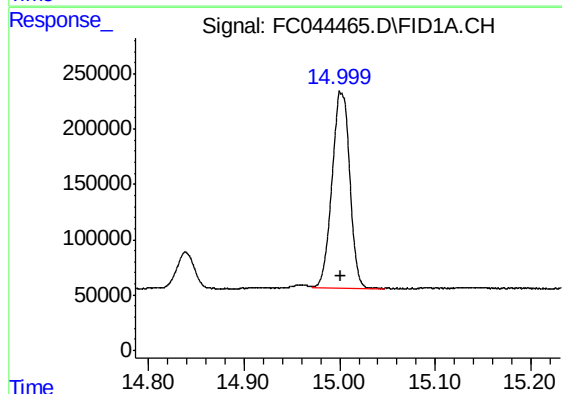
R.T.: 13.146 min  
Delta R.T.: 0.004 min  
Response: 1931462  
Conc: 17.27 ug/ml



#13 n-Docosane (C22)

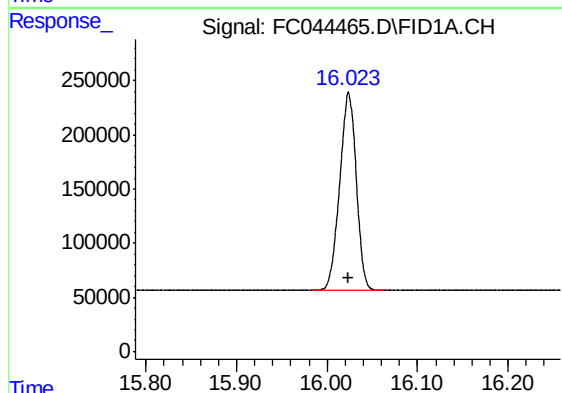
R.T.: 13.898 min  
Delta R.T.: 0.003 min  
Response: 2293449  
Conc: 20.20 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



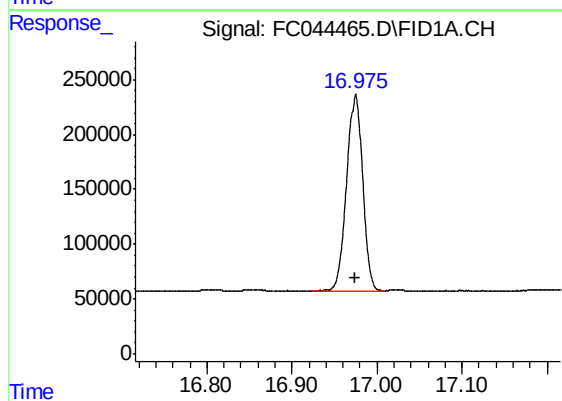
#14 n-Tetracosane (C24)

R.T.: 15.001 min  
Delta R.T.: 0.000 min  
Response: 2298950  
Conc: 20.33 ug/ml



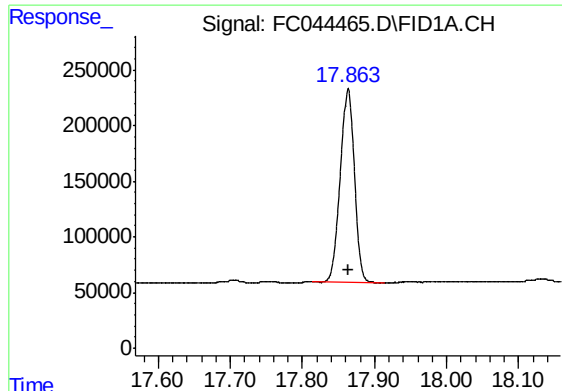
#15 n-Hexacosane (C26)

R.T.: 16.024 min  
Delta R.T.: 0.000 min  
Response: 2320151  
Conc: 20.97 ug/ml



#16 n-Octacosane (C28)

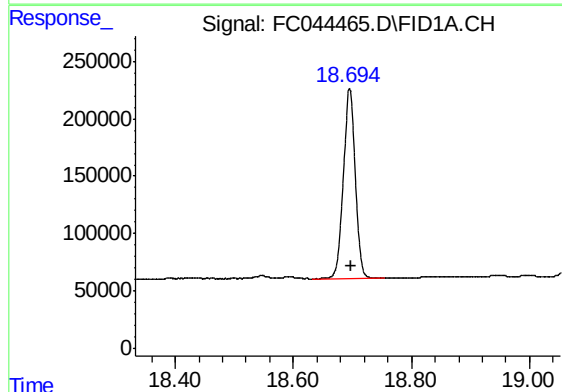
R.T.: 16.975 min  
Delta R.T.: 0.000 min  
Response: 2364070  
Conc: 21.82 ug/ml



#17 n-Tricontane (C30)

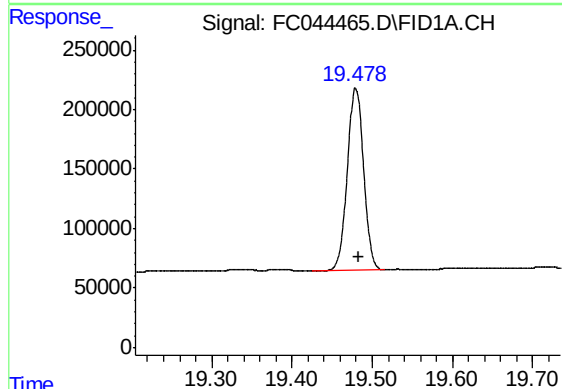
R.T.: 17.864 min  
Delta R.T.: 0.000 min  
Response: 2385670  
Conc: 22.54 ug/ml

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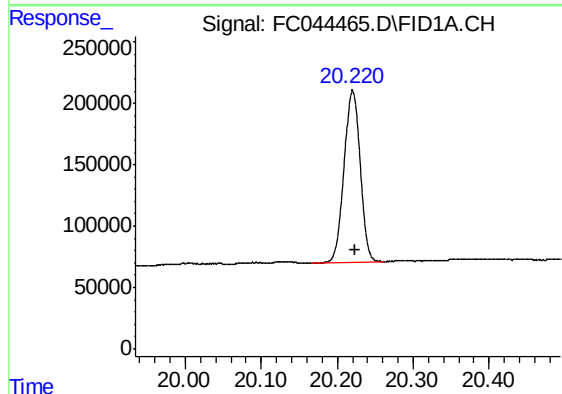
#18 n-Dotriacontane (C32)

R.T.: 18.695 min  
Delta R.T.: -0.003 min  
Response: 2316498  
Conc: 23.00 ug/ml



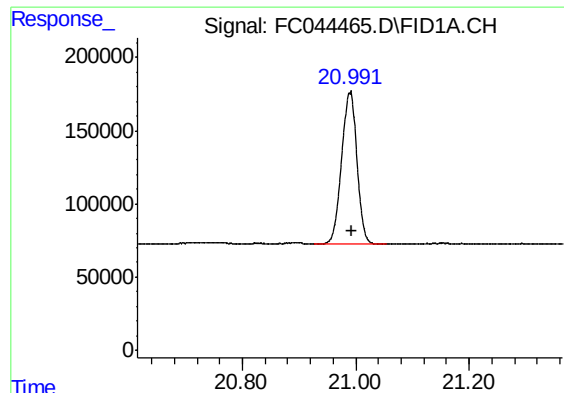
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min  
Delta R.T.: -0.004 min  
Response: 2163964  
Conc: 23.08 ug/ml



#20 n-Hexatriacontane (C36)

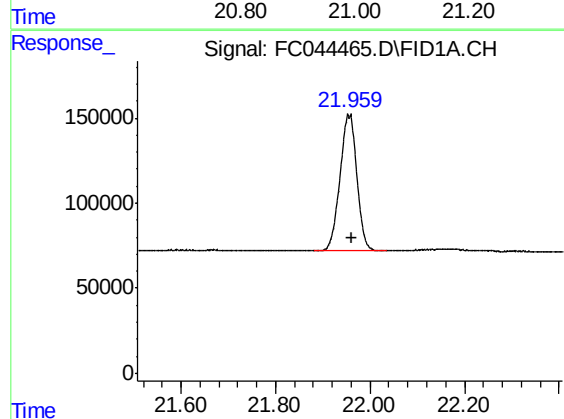
R.T.: 20.221 min  
Delta R.T.: -0.003 min  
Response: 2062382  
Conc: 23.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.990 min  
Delta R.T.: -0.004 min  
Response: 1945408  
Conc: 24.12 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.954 min  
Delta R.T.: -0.008 min  
Response: 1976823  
Conc: 23.39 ug/ml