

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110719AL\  
 Data File : FC044417.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 Nov 2019 11:23  
 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: Nov 08 12:49:17 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)    | 11.720 | 2352901    | 16.142 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 32.28%       |
| 12) S 1-chlorooctadecane (S... | 13.150 | 1763821    | 15.775 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 31.55%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.450  | 2327431    | 21.128 ug/ml |
| 2) T n-Decane (C10)            | 4.526  | 2358965    | 21.238 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 6.128  | 2580176    | 20.737 ug/ml |
| 4) T n-Dodecane (C12)          | 6.552  | 2369852    | 21.072 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.186  | 2578597    | 20.448 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.348  | 2339899    | 20.682 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.950  | 2288890    | 20.032 ug/ml |
| 8) T n-Octadecane (C18)        | 11.393 | 2217028    | 19.364 ug/ml |
| 10) T n-Eicosane (C20)         | 12.703 | 2129805    | 18.675 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.315 | 2090008    | 18.221 ug/ml |
| 13) T n-Docosane (C22)         | 13.902 | 2055911    | 18.105 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.006 | 2033837    | 17.986 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.027 | 2004726    | 18.119 ug/ml |
| 16) T n-Octacosane (C28)       | 16.978 | 2006696    | 18.524 ug/ml |
| 17) T n-Tricontane (C30)       | 17.868 | 2019414    | 19.081 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.703 | 1975085    | 19.611 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.488 | 1925233    | 20.532 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.229 | 1866666    | 21.503 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.000 | 1785961    | 22.147 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.973 | 1815201    | 21.475 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

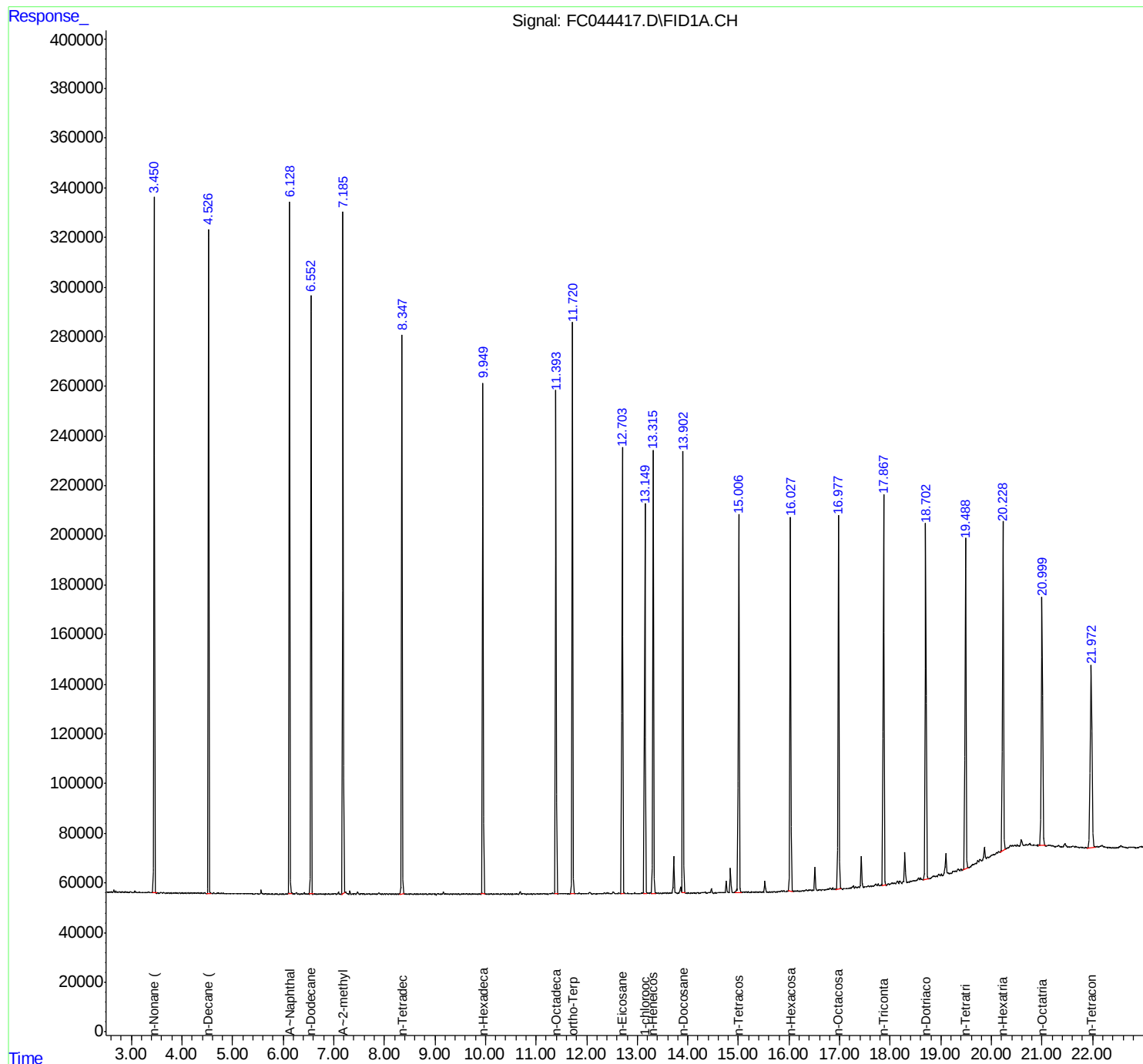
(m)=manual int.

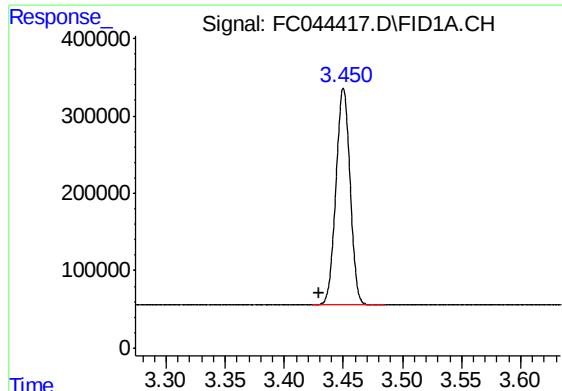
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110719AL\  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

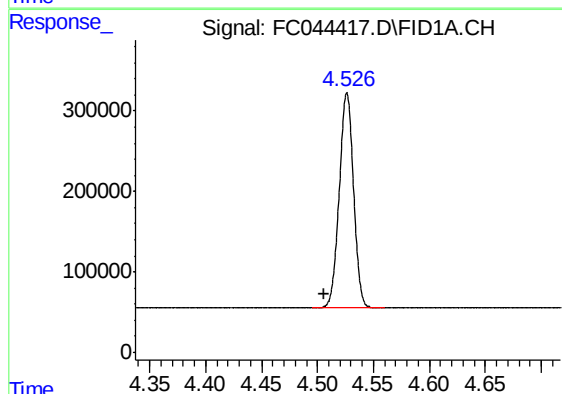




#1 n-Nonane (C9)

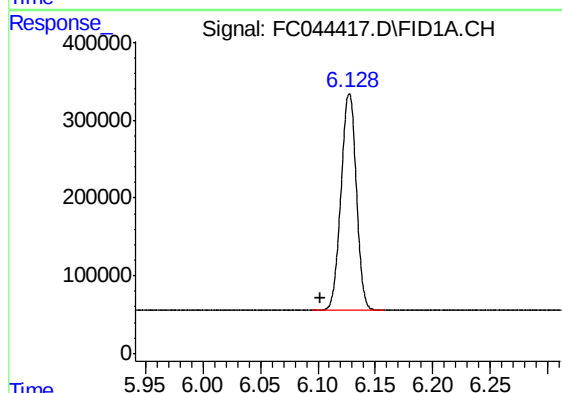
R.T.: 3.450 min  
Delta R.T.: 0.021 min  
Response: 2327431  
Conc: 21.13 ug/ml

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



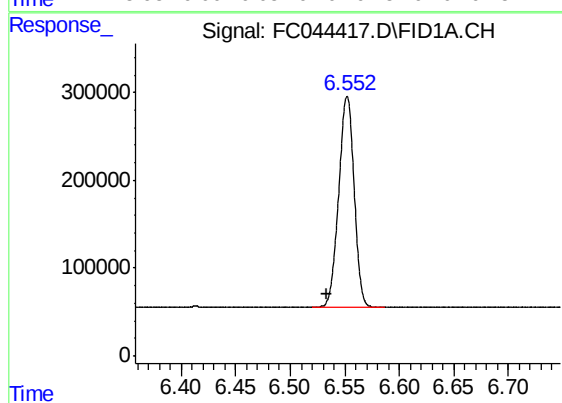
#2 n-Decane (C10)

R.T.: 4.526 min  
Delta R.T.: 0.021 min  
Response: 2358965  
Conc: 21.24 ug/ml



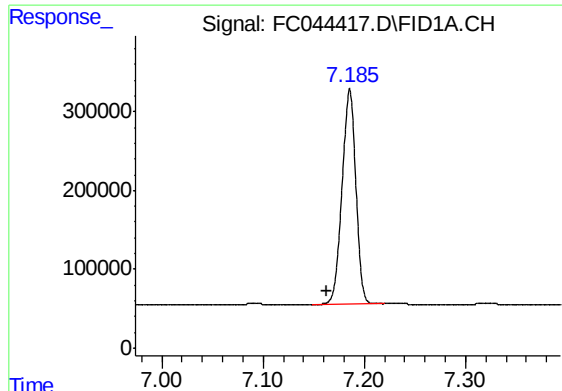
#3 A~Naphthalene (C11.7)

R.T.: 6.128 min  
Delta R.T.: 0.025 min  
Response: 2580176  
Conc: 20.74 ug/ml



#4 n-Dodecane (C12)

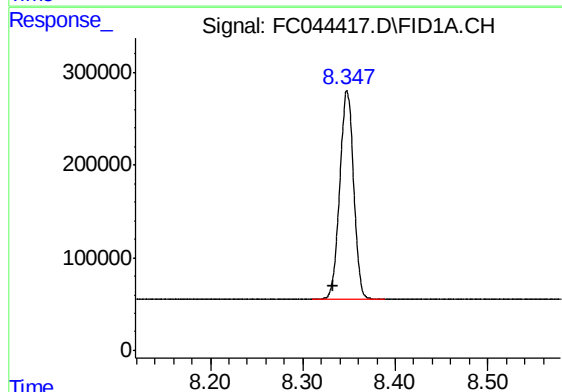
R.T.: 6.552 min  
Delta R.T.: 0.019 min  
Response: 2369852  
Conc: 21.07 ug/ml



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

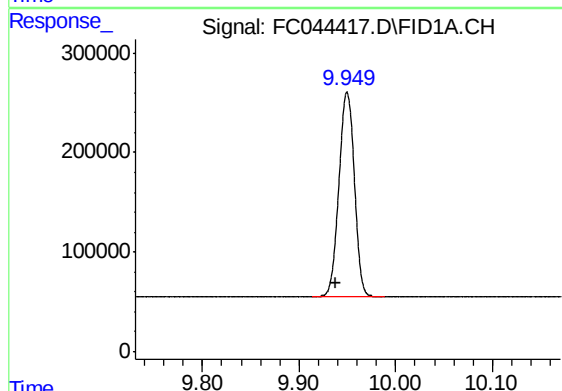
R.T.: 7.186 min  
Delta R.T.: 0.023 min  
Response: 2578597  
Conc: 20.45 ug/ml

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



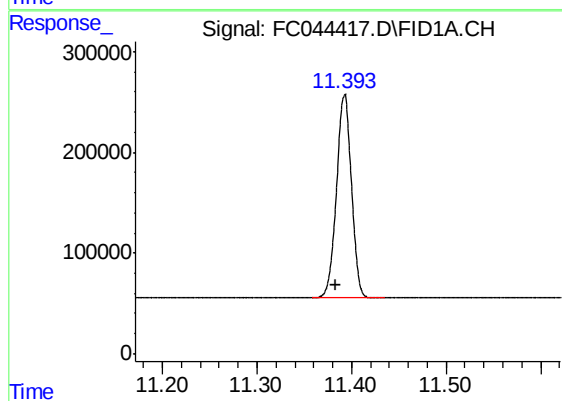
#6 n-Tetradecane (C14)

R.T.: 8.348 min  
Delta R.T.: 0.015 min  
Response: 2339899  
Conc: 20.68 ug/ml



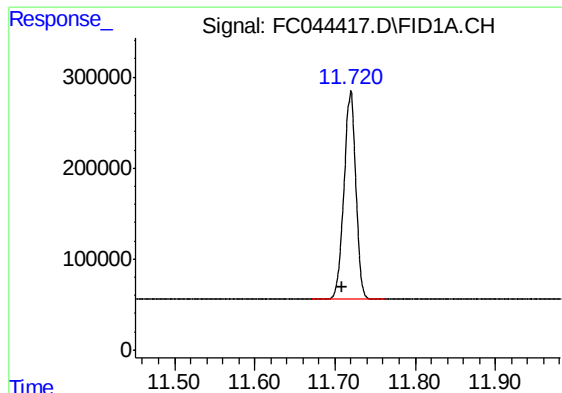
#7 n-Hexadecane (C16)

R.T.: 9.950 min  
Delta R.T.: 0.011 min  
Response: 2288890  
Conc: 20.03 ug/ml



#8 n-Octadecane (C18)

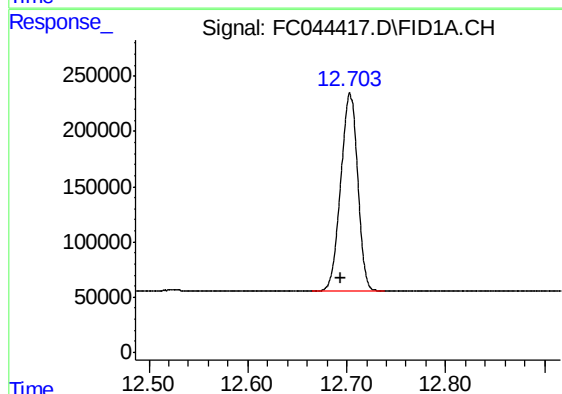
R.T.: 11.393 min  
Delta R.T.: 0.010 min  
Response: 2217028  
Conc: 19.36 ug/ml



#9 ortho-Terphenyl (SURR)

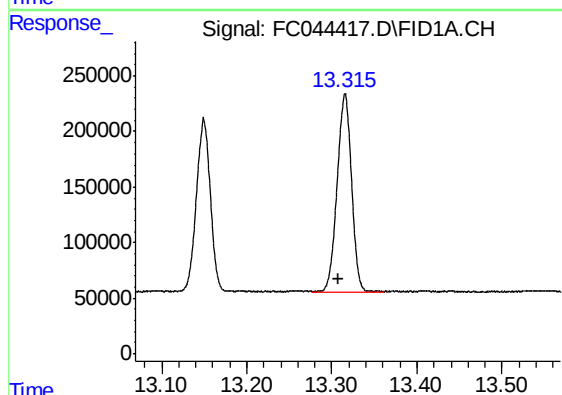
R.T.: 11.720 min  
Delta R.T.: 0.011 min  
Response: 2352901  
Conc: 16.14 ug/ml

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



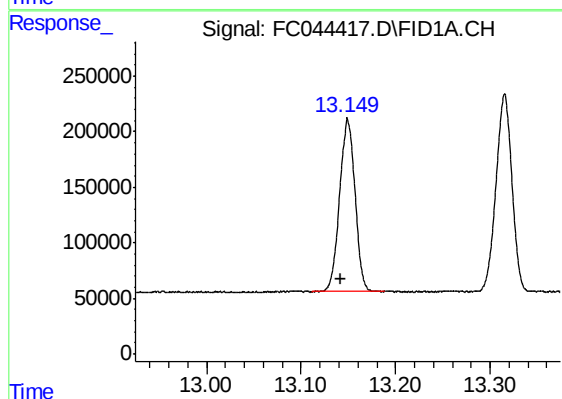
#10 n-Eicosane (C20)

R.T.: 12.703 min  
Delta R.T.: 0.009 min  
Response: 2129805  
Conc: 18.67 ug/ml



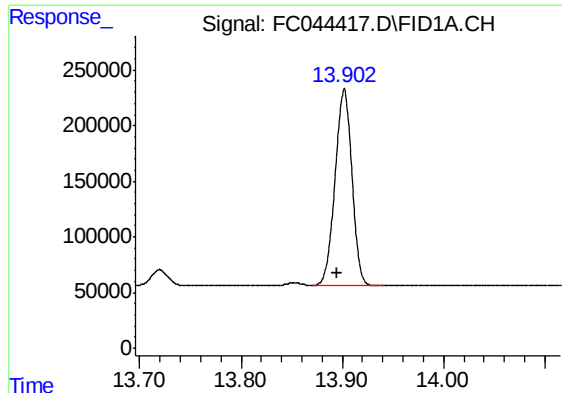
#11 n-Heneicosane (C21)

R.T.: 13.315 min  
Delta R.T.: 0.008 min  
Response: 2090008  
Conc: 18.22 ug/ml



#12 1-chlorooctadecane (SURR)

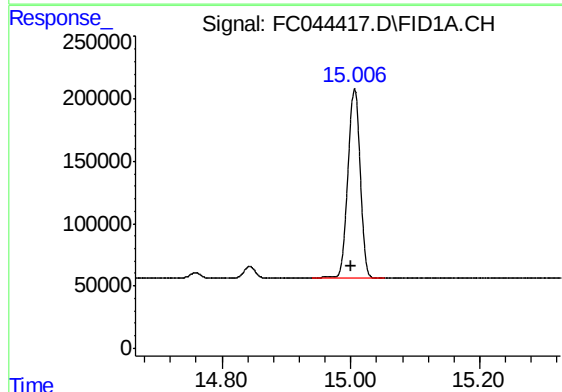
R.T.: 13.150 min  
Delta R.T.: 0.007 min  
Response: 1763821  
Conc: 15.77 ug/ml



#13 n-Docosane (C22)

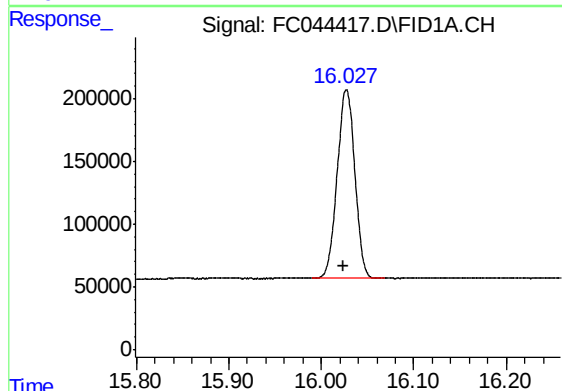
R.T.: 13.902 min  
Delta R.T.: 0.007 min  
Response: 2055911  
Conc: 18.10 ug/ml

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



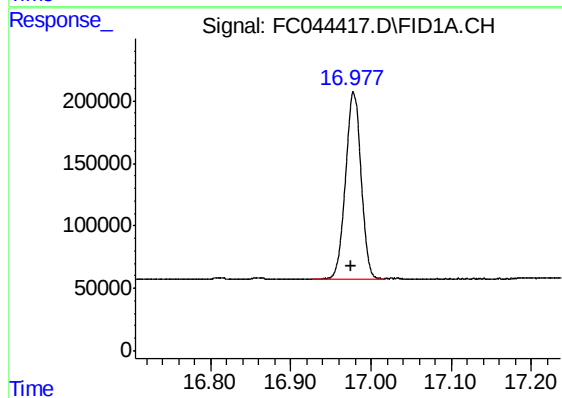
#14 n-Tetracosane (C24)

R.T.: 15.006 min  
Delta R.T.: 0.005 min  
Response: 2033837  
Conc: 17.99 ug/ml



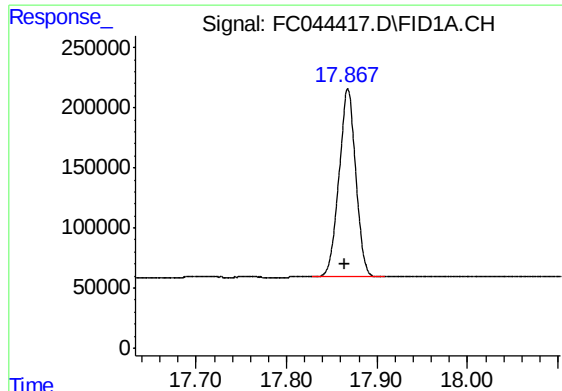
#15 n-Hexacosane (C26)

R.T.: 16.027 min  
Delta R.T.: 0.004 min  
Response: 2004726  
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

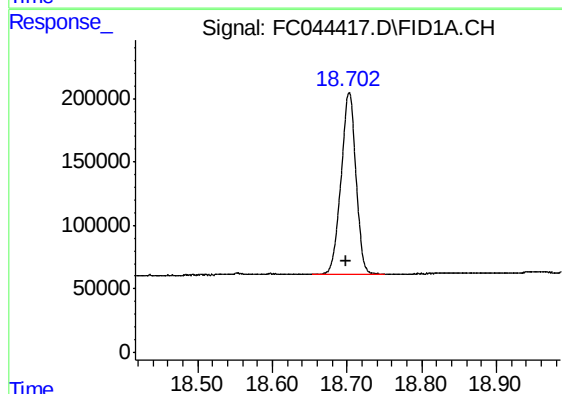
R.T.: 16.978 min  
Delta R.T.: 0.004 min  
Response: 2006696  
Conc: 18.52 ug/ml



#17 n-Tricontane (C30)

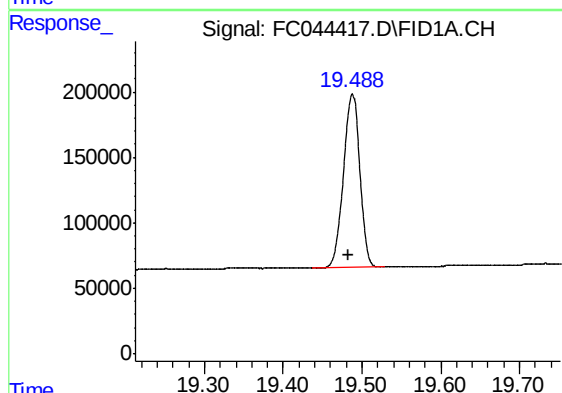
R.T.: 17.868 min  
Delta R.T.: 0.003 min  
Response: 2019414  
Conc: 19.08 ug/ml

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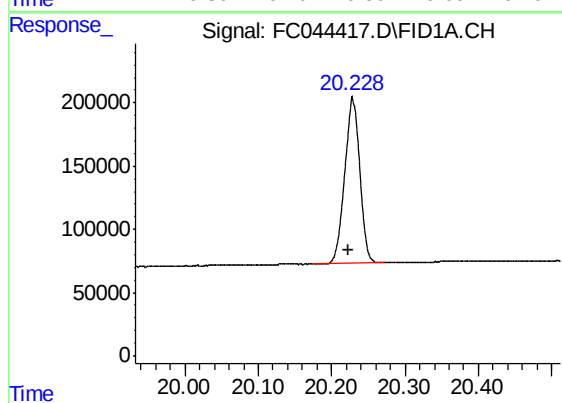
#18 n-Dotriacontane (C32)

R.T.: 18.703 min  
Delta R.T.: 0.004 min  
Response: 1975085  
Conc: 19.61 ug/ml



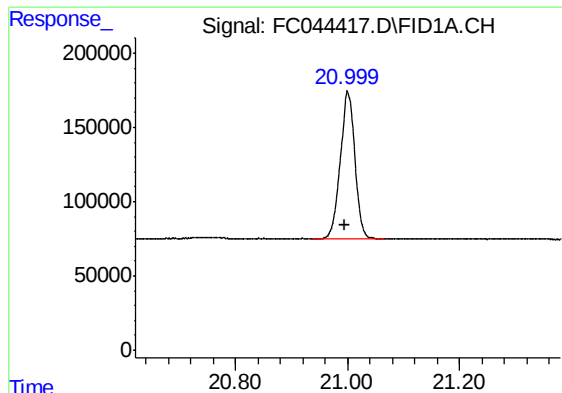
#19 n-Tetratriacontane (C34)

R.T.: 19.488 min  
Delta R.T.: 0.004 min  
Response: 1925233  
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

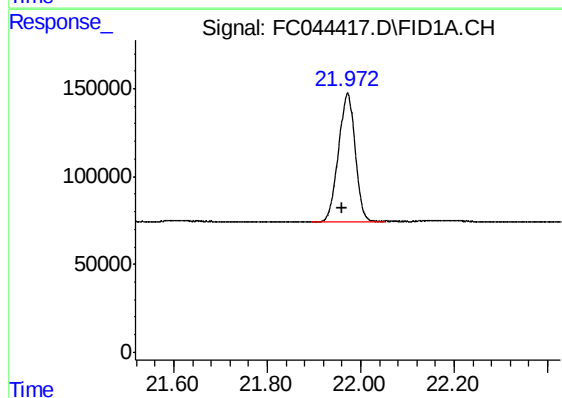
R.T.: 20.229 min  
Delta R.T.: 0.005 min  
Response: 1866666  
Conc: 21.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.000 min  
Delta R.T.: 0.006 min  
Response: 1785961  
Conc: 22.15 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.973 min  
Delta R.T.: 0.011 min  
Response: 1815201  
Conc: 21.47 ug/ml