

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC123022AL\  
 Data File : FC062531.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Dec 2022 17:09  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jan 02 05:07:57 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120722.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 08 01:05:24 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.556 | 2678619    | 18.989 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.98%       |
| 12) S 1-chlorooctadecane (S... | 12.995 | 2012114    | 18.878 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.76%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.316  | 2489747    | 19.358 ug/ml |
| 2) T n-Decane (C10)            | 4.383  | 2457940    | 19.758 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.968  | 2799444    | 19.728 ug/ml |
| 4) T n-Dodecane (C12)          | 6.403  | 2432745    | 19.422 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.025  | 2612216    | 20.316 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.198  | 2444620    | 20.073 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.799  | 2458282    | 19.585 ug/ml |
| 8) T n-Octadecane (C18)        | 11.242 | 2461606    | 19.269 ug/ml |
| 10) T n-Eicosane (C20)         | 12.550 | 2352336    | 18.911 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.163 | 2333284    | 18.881 ug/ml |
| 13) T n-Docosane (C22)         | 13.748 | 2300312    | 18.937 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.849 | 2235329    | 18.648 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.868 | 2179720    | 18.764 ug/ml |
| 16) T n-Octacosane (C28)       | 16.816 | 2153692    | 18.949 ug/ml |
| 17) T n-Tricontane (C30)       | 17.702 | 2146835    | 19.202 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.533 | 2171548    | 19.543 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.314 | 2143170    | 19.810 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.054 | 2118348    | 20.865 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.784 | 2047077    | 20.009 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.690 | 2096177    | 20.683 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

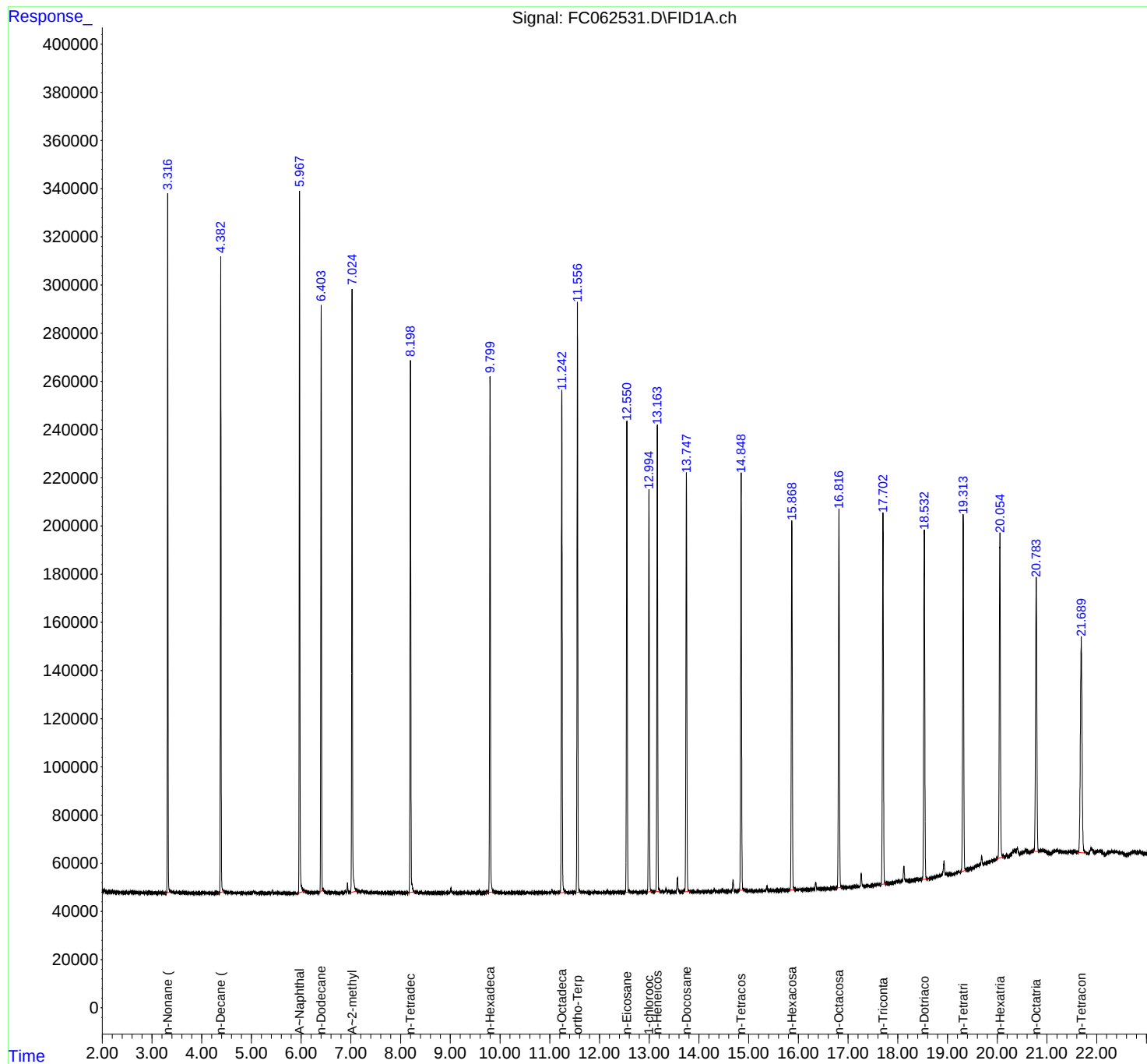
(m)=manual int.

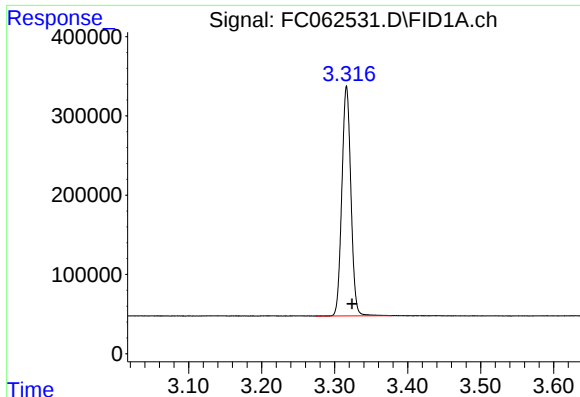
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC123022AL\  
Data File : FC062531.D  
Signal(s) : FID1A.ch  
Acq On : 30 Dec 2022 17:09  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Jan 02 05:07:57 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120722.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 08 01:05:24 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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

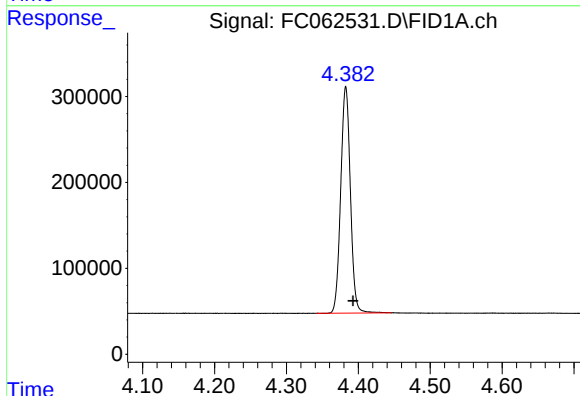




#1 n-Nonane (C9)

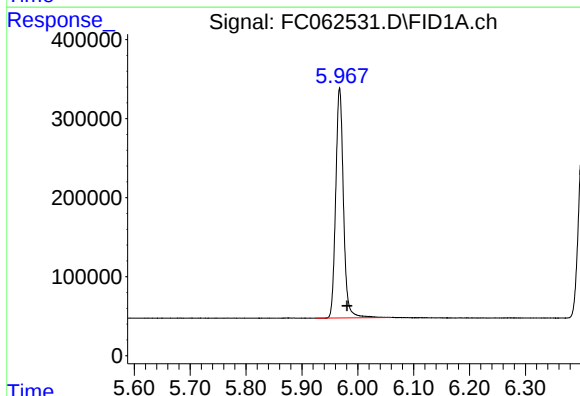
R.T.: 3.316 min  
Delta R.T.: -0.008 min  
Response: 2489747  
Conc: 19.36 ug/ml

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



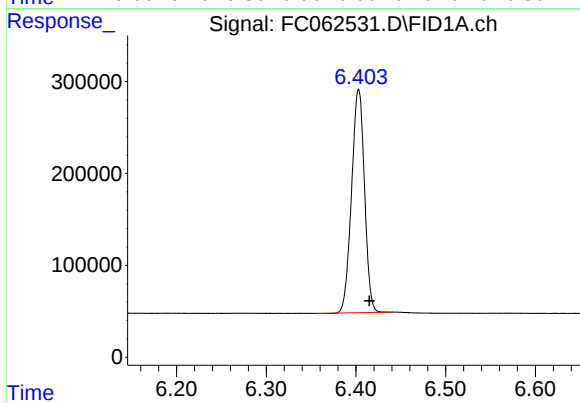
#2 n-Decane (C10)

R.T.: 4.383 min  
Delta R.T.: -0.010 min  
Response: 2457940  
Conc: 19.76 ug/ml



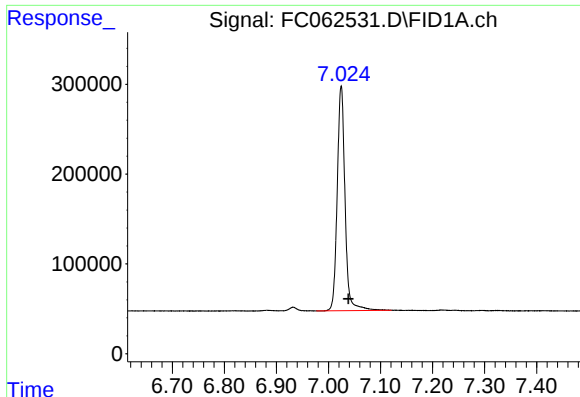
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min  
Delta R.T.: -0.013 min  
Response: 2799444  
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

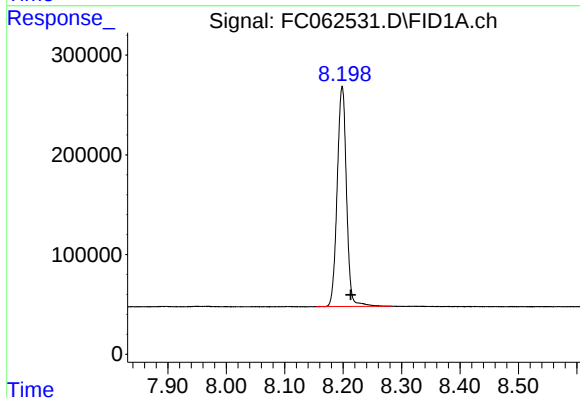
R.T.: 6.403 min  
Delta R.T.: -0.012 min  
Response: 2432745  
Conc: 19.42 ug/ml



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

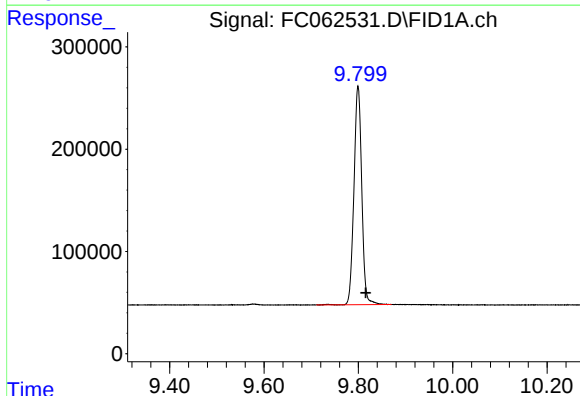
R.T.: 7.025 min  
Delta R.T.: -0.014 min  
Response: 2612216  
Conc: 20.32 ug/ml

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



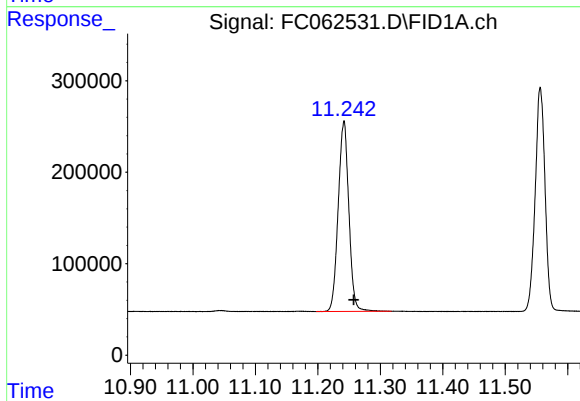
#6 n-Tetradecane (C14)

R.T.: 8.198 min  
Delta R.T.: -0.015 min  
Response: 2444620  
Conc: 20.07 ug/ml



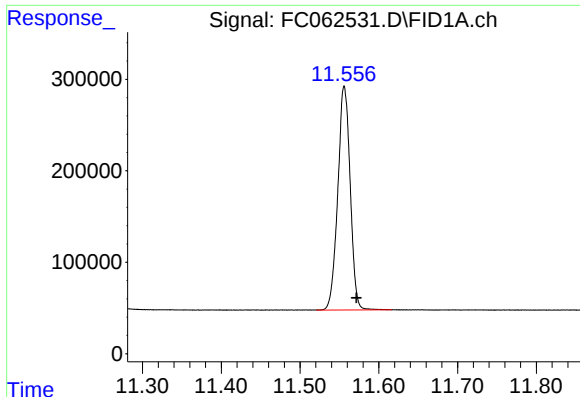
#7 n-Hexadecane (C16)

R.T.: 9.799 min  
Delta R.T.: -0.017 min  
Response: 2458282  
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

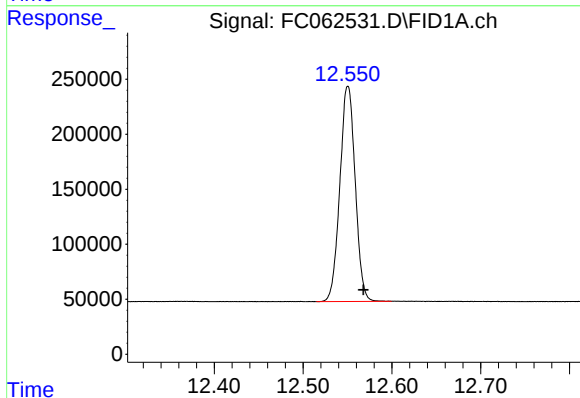
R.T.: 11.242 min  
Delta R.T.: -0.016 min  
Response: 2461606  
Conc: 19.27 ug/ml



#9 ortho-Terphenyl (SURR)

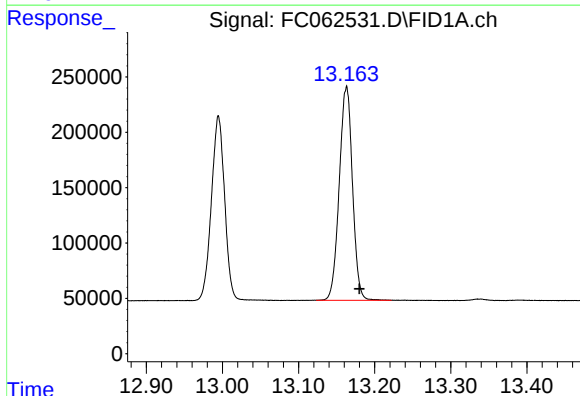
R.T.: 11.556 min  
Delta R.T.: -0.015 min  
Response: 2678619  
Conc: 18.99 ug/ml

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



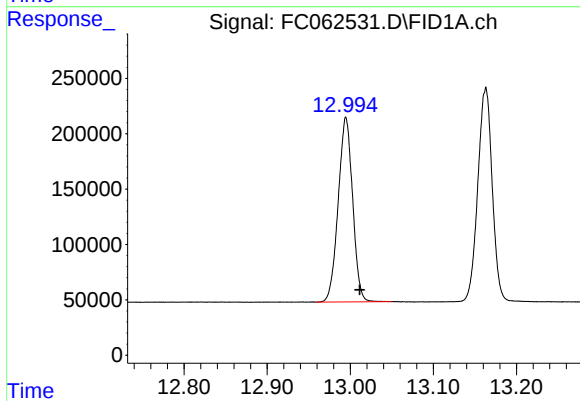
#10 n-Eicosane (C20)

R.T.: 12.550 min  
Delta R.T.: -0.017 min  
Response: 2352336  
Conc: 18.91 ug/ml



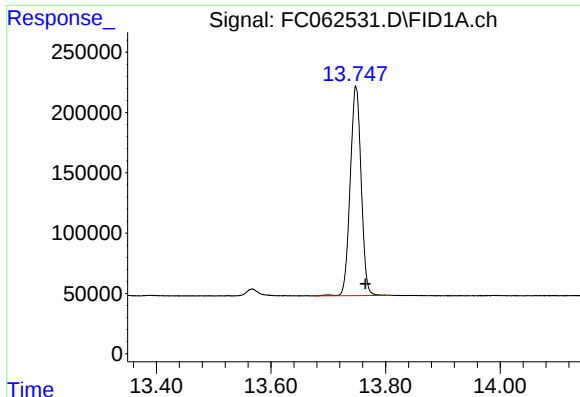
#11 n-Heneicosane (C21)

R.T.: 13.163 min  
Delta R.T.: -0.017 min  
Response: 2333284  
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

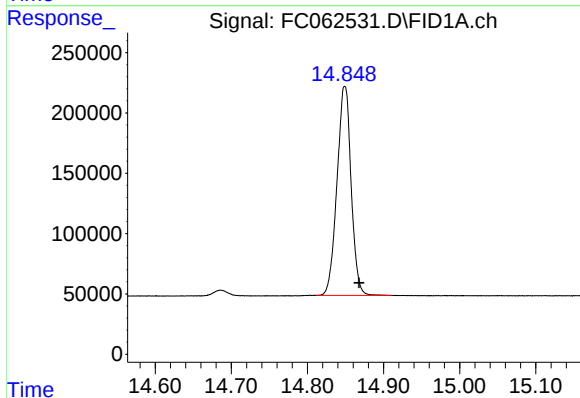
R.T.: 12.995 min  
Delta R.T.: -0.017 min  
Response: 2012114  
Conc: 18.88 ug/ml



#13 n-Docosane (C22)

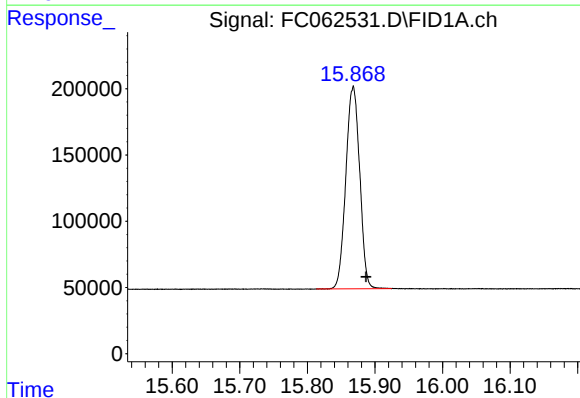
R.T.: 13.748 min  
Delta R.T.: -0.017 min  
Response: 2300312  
Conc: 18.94 ug/ml

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



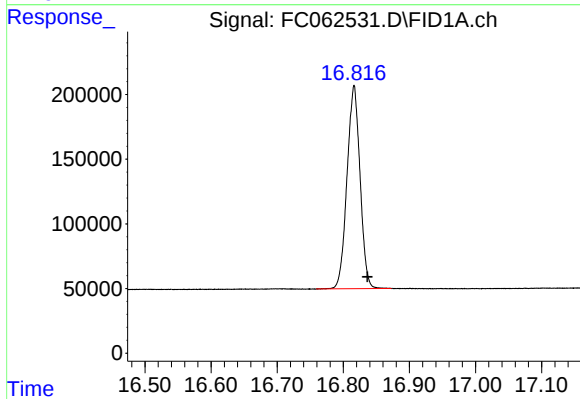
#14 n-Tetracosane (C24)

R.T.: 14.849 min  
Delta R.T.: -0.019 min  
Response: 2235329  
Conc: 18.65 ug/ml



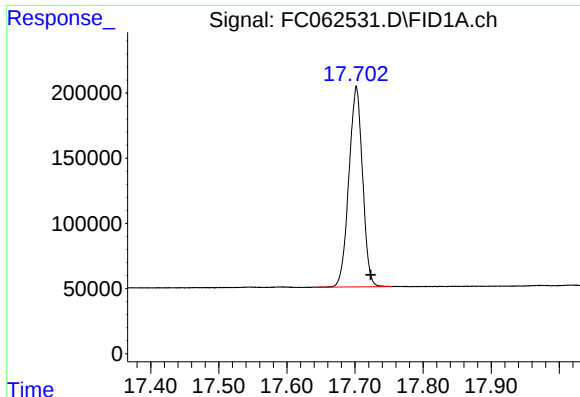
#15 n-Hexacosane (C26)

R.T.: 15.868 min  
Delta R.T.: -0.019 min  
Response: 2179720  
Conc: 18.76 ug/ml



#16 n-Octacosane (C28)

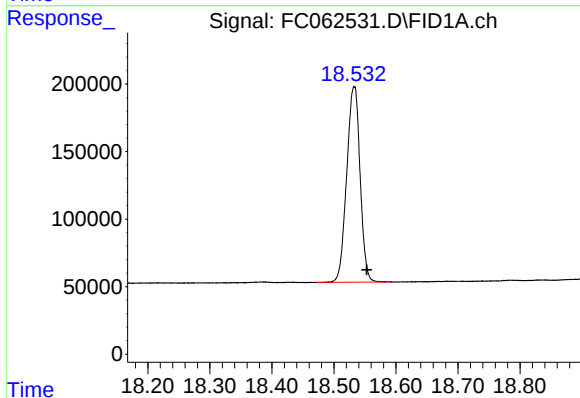
R.T.: 16.816 min  
Delta R.T.: -0.020 min  
Response: 2153692  
Conc: 18.95 ug/ml



#17 n-Tricontane (C30)

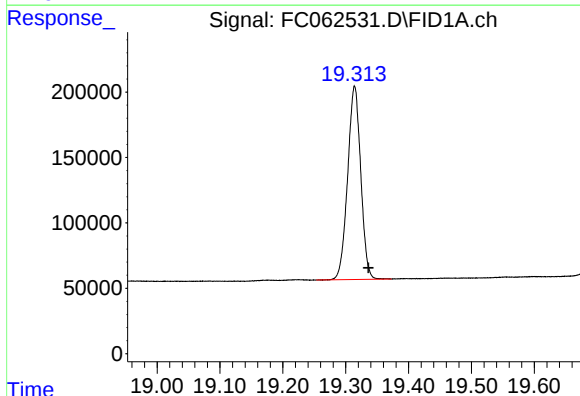
R.T.: 17.702 min  
Delta R.T.: -0.021 min  
Response: 2146835  
Conc: 19.20 ug/ml

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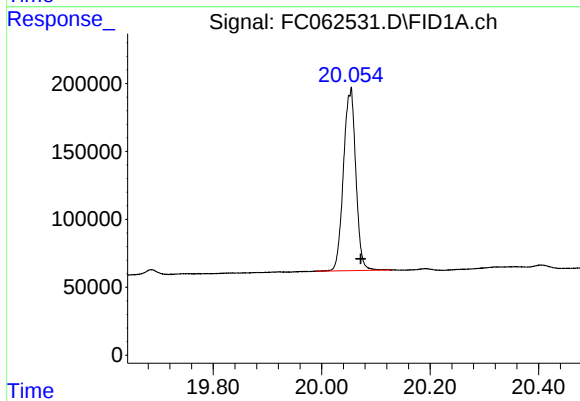
#18 n-Dotriacontane (C32)

R.T.: 18.533 min  
Delta R.T.: -0.020 min  
Response: 2171548  
Conc: 19.54 ug/ml



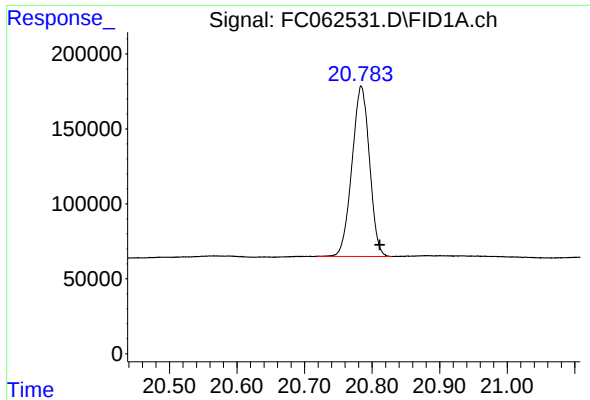
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min  
Delta R.T.: -0.022 min  
Response: 2143170  
Conc: 19.81 ug/ml



#20 n-Hexatriacontane (C36)

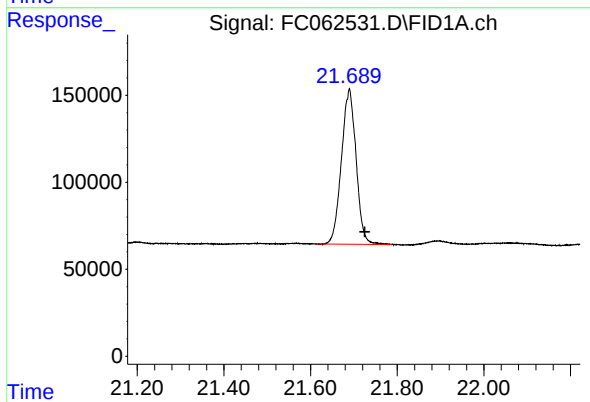
R.T.: 20.054 min  
Delta R.T.: -0.018 min  
Response: 2118348  
Conc: 20.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.784 min  
Delta R.T.: -0.027 min  
Response: 2047077  
Conc: 20.01 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.690 min  
Delta R.T.: -0.035 min  
Response: 2096177  
Conc: 20.68 ug/ml