

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC010523AL\  
 Data File : FC062576.D  
 Signal(s) : FID1A.ch  
 Acq On : 05 Jan 2023 02:51  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jan 05 04:56:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010523.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 05 04:54:00 2023  
 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 | 2777664    | 19.660 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.32%       |
| 12) S 1-chlorooctadecane (S... | 12.995 | 2078219    | 19.729 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.46%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.317  | 2612417    | 19.536 ug/ml |
| 2) T n-Decane (C10)            | 4.383  | 2539211    | 19.578 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.967  | 2881523    | 19.609 ug/ml |
| 4) T n-Dodecane (C12)          | 6.402  | 2546606    | 19.815 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.024  | 2681900    | 19.616 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.199  | 2515570    | 19.542 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.800  | 2529346    | 19.586 ug/ml |
| 8) T n-Octadecane (C18)        | 11.242 | 2539451    | 19.610 ug/ml |
| 10) T n-Eicosane (C20)         | 12.551 | 2424928    | 19.649 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.163 | 2410620    | 19.668 ug/ml |
| 13) T n-Docosane (C22)         | 13.748 | 2349727    | 19.655 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.850 | 2298790    | 19.739 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.868 | 2219426    | 19.756 ug/ml |
| 16) T n-Octacosane (C28)       | 16.816 | 2171497    | 19.777 ug/ml |
| 17) T n-Tricontane (C30)       | 17.703 | 2142793    | 19.786 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.533 | 2153914    | 19.730 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.314 | 2139820    | 19.682 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.053 | 2065638    | 18.570 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.786 | 2065875    | 19.507 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.691 | 2090192    | 19.627 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

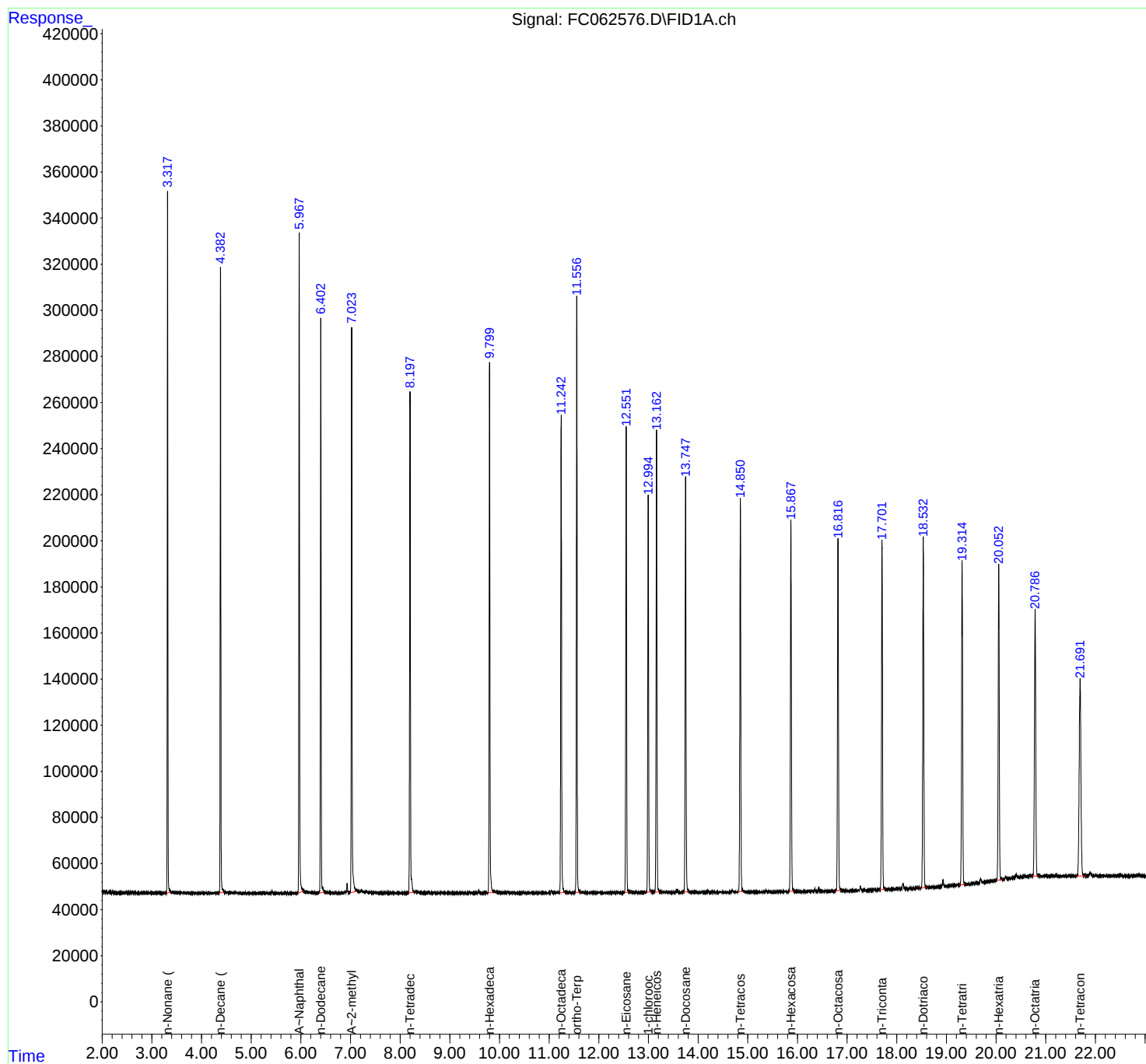
(m)=manual int.

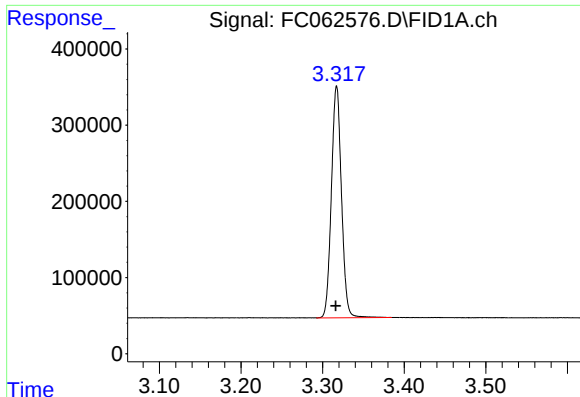
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC010523AL\  
Data File : FC062576.D  
Signal(s) : FID1A.ch  
Acq On : 05 Jan 2023 02:51  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

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Quant Time: Jan 05 04:56:55 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010523.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 05 04:54:00 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

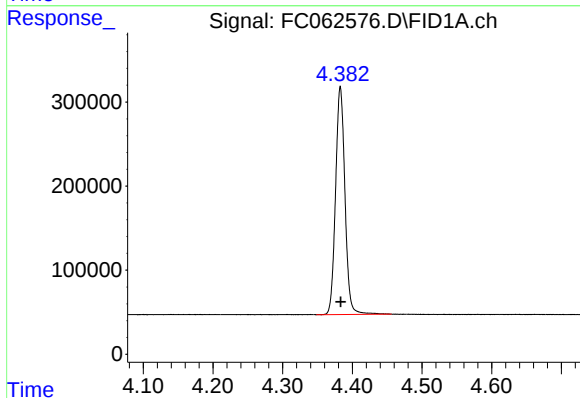




#1 n-Nonane (C9)

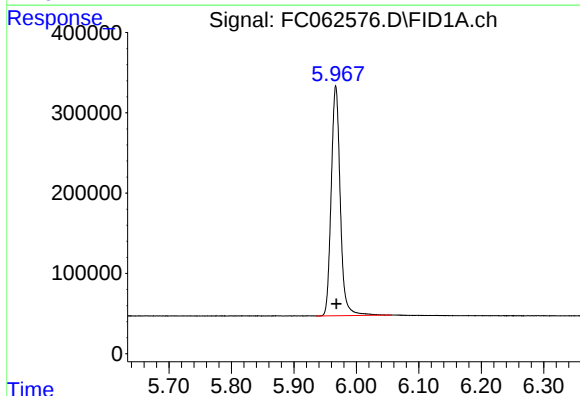
R.T.: 3.317 min  
Delta R.T.: 0.001 min  
Response: 2612417  
Conc: 19.54 ug/ml

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



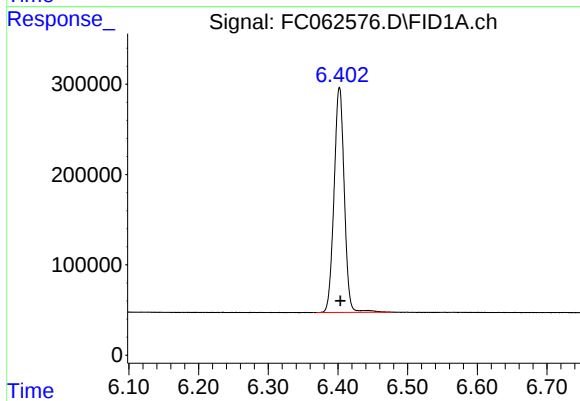
#2 n-Decane (C10)

R.T.: 4.383 min  
Delta R.T.: 0.000 min  
Response: 2539211  
Conc: 19.58 ug/ml



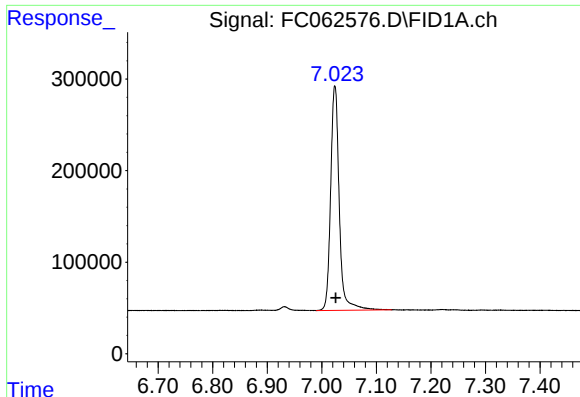
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min  
Delta R.T.: 0.000 min  
Response: 2881523  
Conc: 19.61 ug/ml



#4 n-Dodecane (C12)

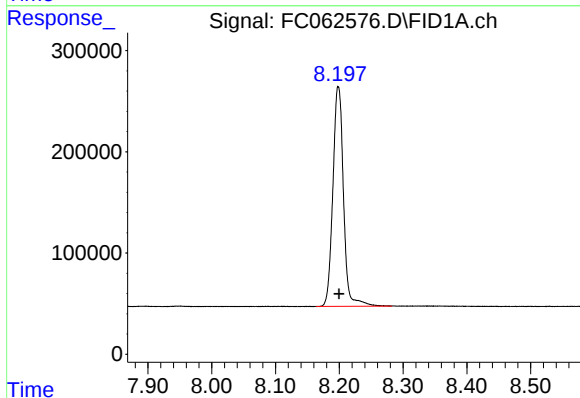
R.T.: 6.402 min  
Delta R.T.: -0.001 min  
Response: 2546606  
Conc: 19.81 ug/ml



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

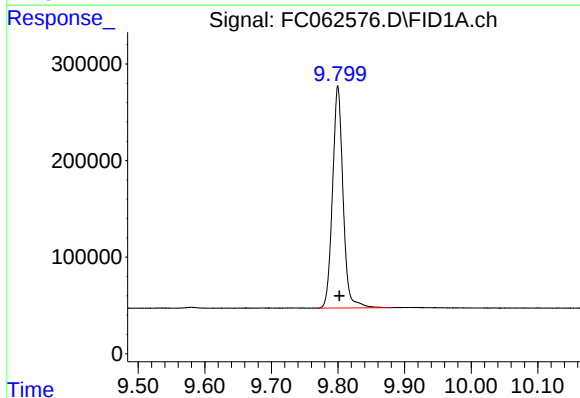
R.T.: 7.024 min  
Delta R.T.: -0.002 min  
Response: 2681900  
Conc: 19.62 ug/ml

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



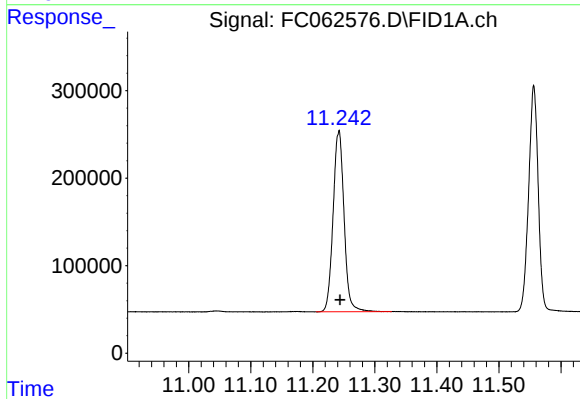
#6 n-Tetradecane (C14)

R.T.: 8.199 min  
Delta R.T.: -0.001 min  
Response: 2515570  
Conc: 19.54 ug/ml



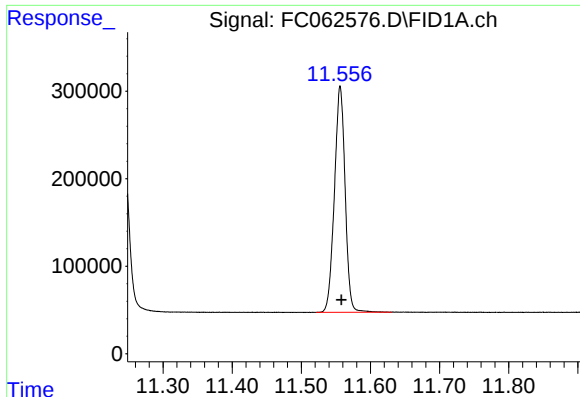
#7 n-Hexadecane (C16)

R.T.: 9.800 min  
Delta R.T.: -0.002 min  
Response: 2529346  
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

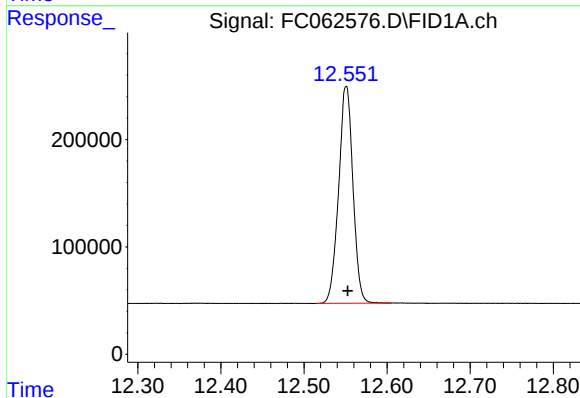
R.T.: 11.242 min  
Delta R.T.: -0.002 min  
Response: 2539451  
Conc: 19.61 ug/ml



#9 ortho-Terphenyl (SURR)

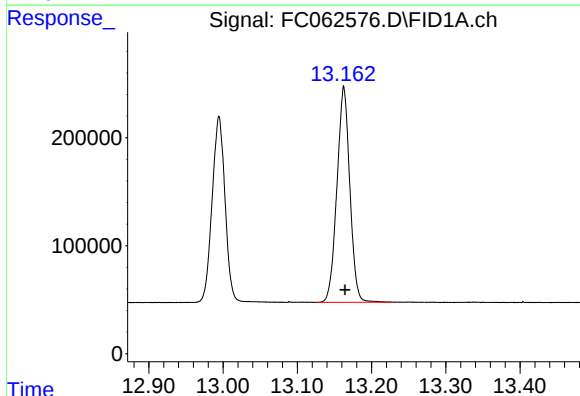
R.T.: 11.556 min  
Delta R.T.: -0.002 min  
Response: 2777664  
Conc: 19.66 ug/ml

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



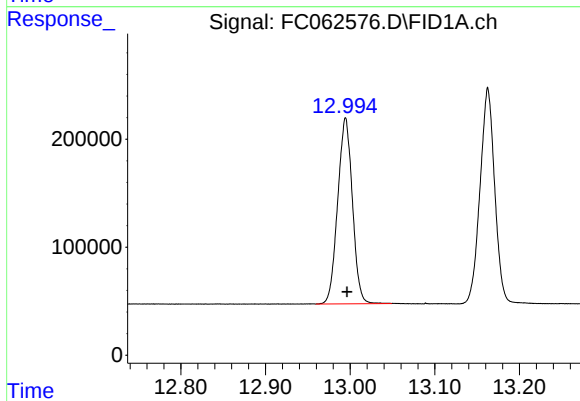
#10 n-Eicosane (C20)

R.T.: 12.551 min  
Delta R.T.: -0.002 min  
Response: 2424928  
Conc: 19.65 ug/ml



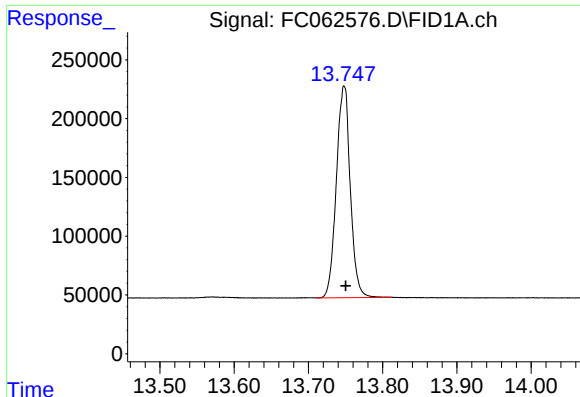
#11 n-Heneicosane (C21)

R.T.: 13.163 min  
Delta R.T.: -0.002 min  
Response: 2410620  
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

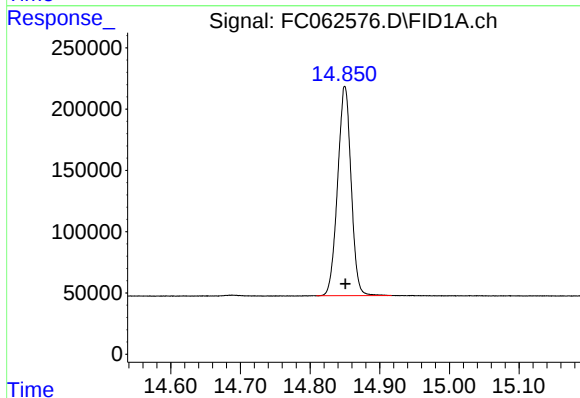
R.T.: 12.995 min  
Delta R.T.: -0.002 min  
Response: 2078219  
Conc: 19.73 ug/ml



#13 n-Docosane (C22)

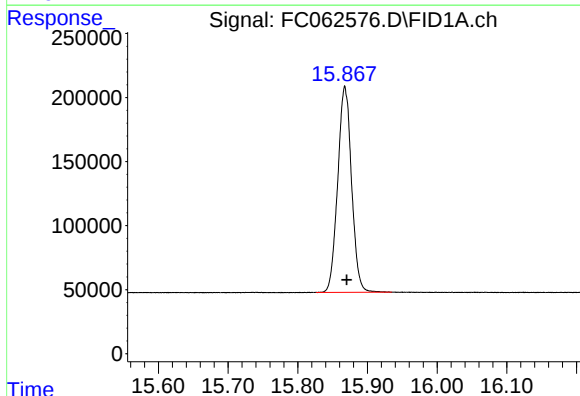
R.T.: 13.748 min  
Delta R.T.: -0.002 min  
Response: 2349727  
Conc: 19.65 ug/ml

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



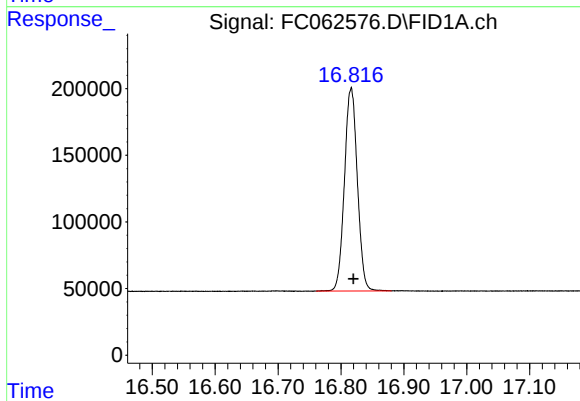
#14 n-Tetracosane (C24)

R.T.: 14.850 min  
Delta R.T.: 0.000 min  
Response: 2298790  
Conc: 19.74 ug/ml



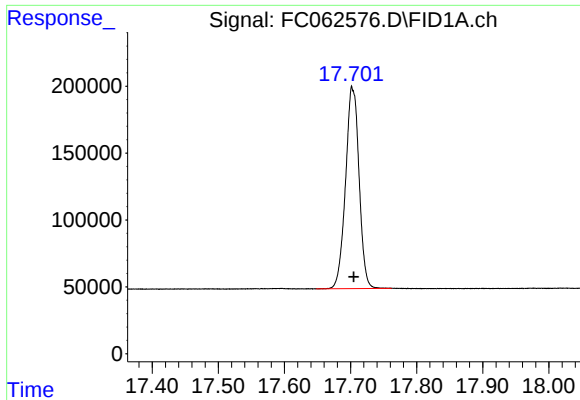
#15 n-Hexacosane (C26)

R.T.: 15.868 min  
Delta R.T.: -0.003 min  
Response: 2219426  
Conc: 19.76 ug/ml



#16 n-Octacosane (C28)

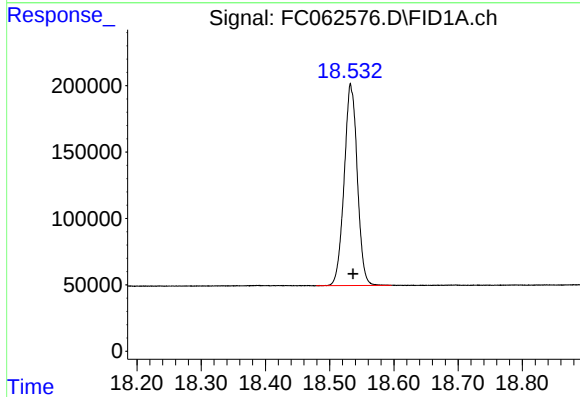
R.T.: 16.816 min  
Delta R.T.: -0.004 min  
Response: 2171497  
Conc: 19.78 ug/ml



#17 n-Tricontane (C30)

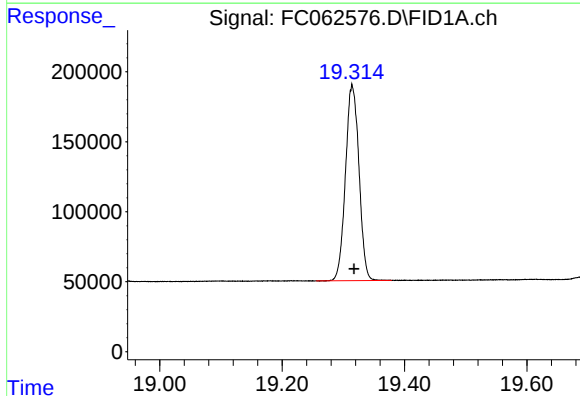
R.T.: 17.703 min  
Delta R.T.: -0.002 min  
Response: 2142793  
Conc: 19.79 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



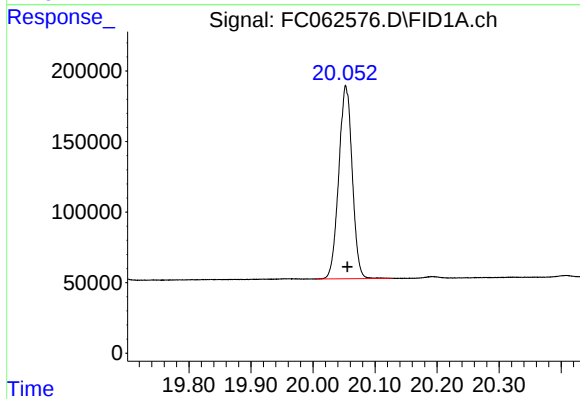
#18 n-Dotriacontane (C32)

R.T.: 18.533 min  
Delta R.T.: -0.003 min  
Response: 2153914  
Conc: 19.73 ug/ml



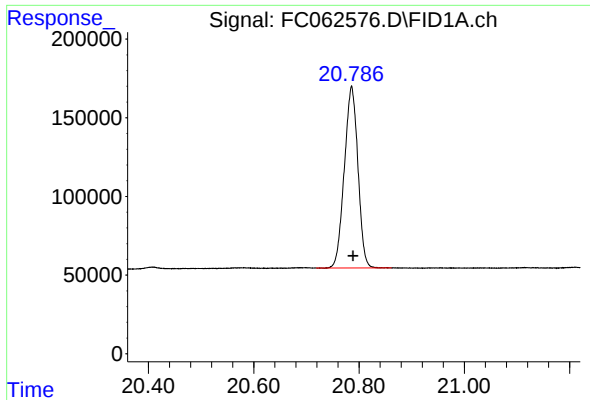
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min  
Delta R.T.: -0.003 min  
Response: 2139820  
Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

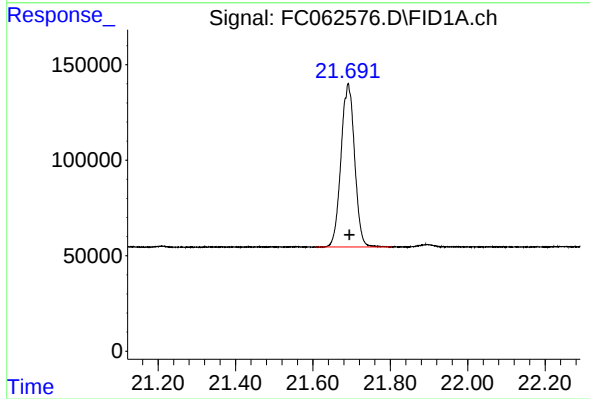
R.T.: 20.053 min  
Delta R.T.: -0.003 min  
Response: 2065638  
Conc: 18.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.786 min  
Delta R.T.: -0.002 min  
Response: 2065875  
Conc: 19.51 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.691 min  
Delta R.T.: -0.004 min  
Response: 2090192  
Conc: 19.63 ug/ml