

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032625AL\  
 Data File : FC068406.D  
 Signal(s) : FID1A.ch  
 Acq On : 26 Mar 2025 13:36  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 26 15:08:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032625.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 26 13:35:27 2025  
 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)    | 11.385 | 4184619    | 21.067 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.13%       |
| 12) S 1-chlorooctadecane (S... | 12.827 | 3169108    | 21.259 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.52%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.199  | 3345481    | 20.917 ug/ml |
| 2) T n-Decane (C10)            | 4.255  | 3402627    | 20.990 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.819  | 3710999    | 21.004 ug/ml |
| 4) T n-Dodecane (C12)          | 6.261  | 3451156    | 20.928 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.871  | 3589505    | 21.103 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.049  | 3457908    | 21.016 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.644  | 3639050    | 21.176 ug/ml |
| 8) T n-Octadecane (C18)        | 11.081 | 3725197    | 21.223 ug/ml |
| 10) T n-Eicosane (C20)         | 12.386 | 3623685    | 21.158 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.997 | 3557280    | 21.207 ug/ml |
| 13) T n-Docosane (C22)         | 13.581 | 3546383    | 21.022 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.682 | 3528543    | 20.603 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.700 | 3433946    | 20.403 ug/ml |
| 16) T n-Octacosane (C28)       | 16.649 | 3381117    | 20.221 ug/ml |
| 17) T n-Tricontane (C30)       | 17.535 | 3518206    | 20.178 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.365 | 3395540    | 20.284 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.148 | 3029523    | 20.539 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.885 | 2556410    | 20.889 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.597 | 2239784    | 20.857 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.443 | 2055815    | 20.976 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

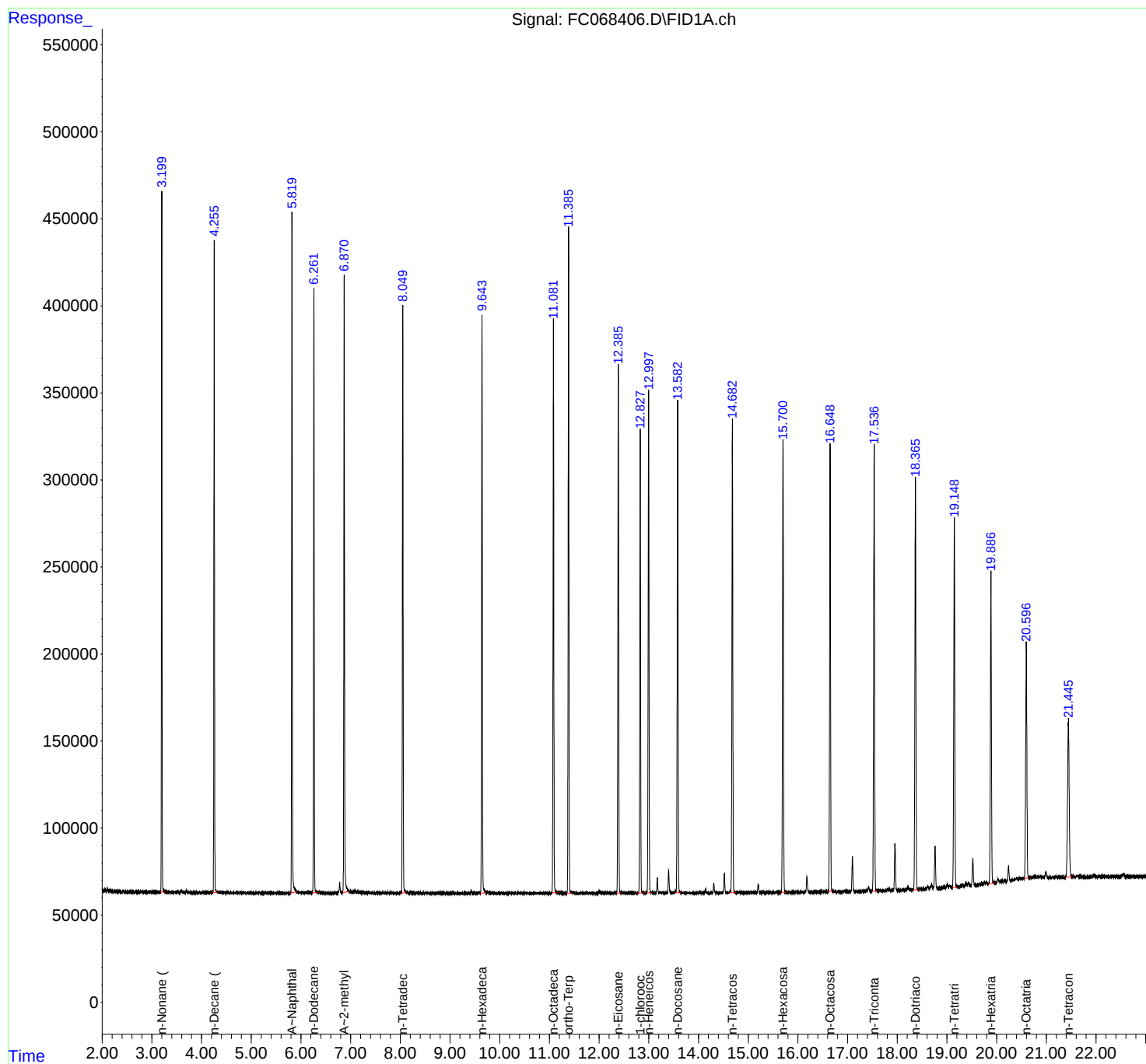
(m)=manual int.

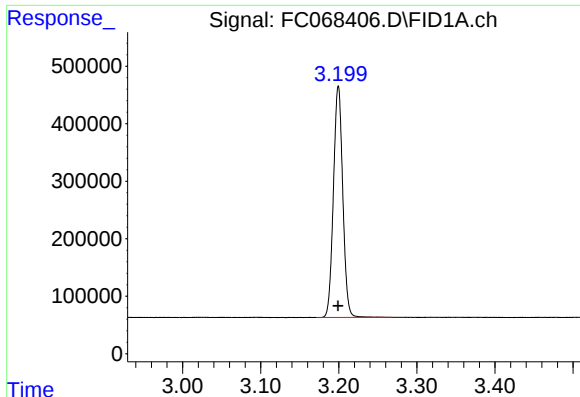
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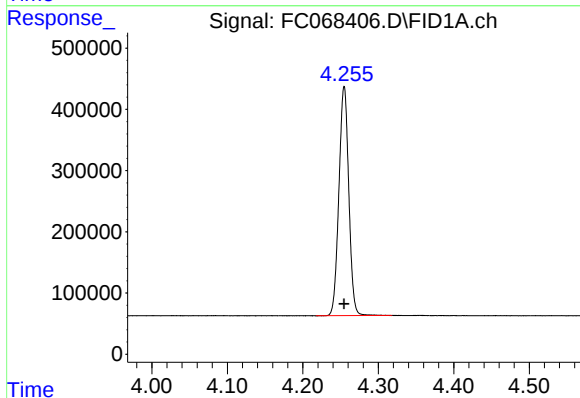




#1 n-Nonane (C9)

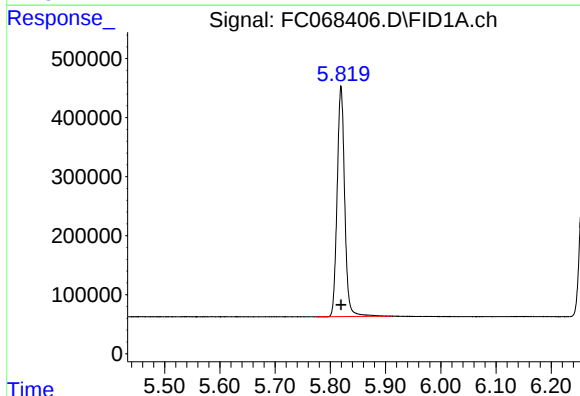
R.T.: 3.199 min  
Delta R.T.: 0.000 min  
Response: 3345481  
Conc: 20.92 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



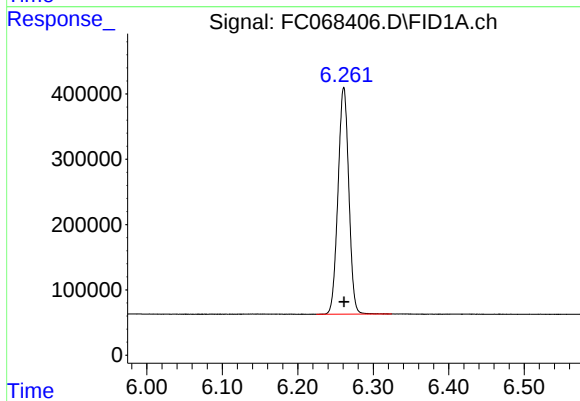
#2 n-Decane (C10)

R.T.: 4.255 min  
Delta R.T.: 0.000 min  
Response: 3402627  
Conc: 20.99 ug/ml



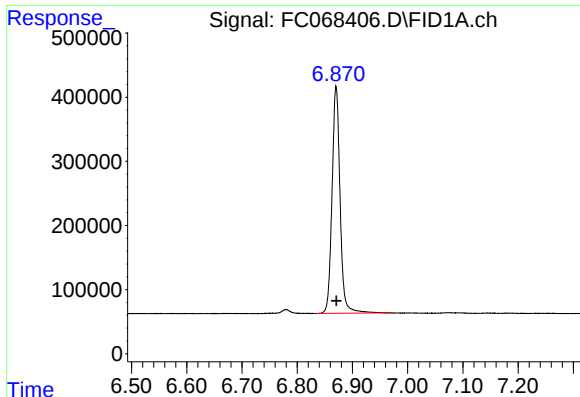
#3 A~Naphthalene (C11.7)

R.T.: 5.819 min  
Delta R.T.: 0.000 min  
Response: 3710999  
Conc: 21.00 ug/ml



#4 n-Dodecane (C12)

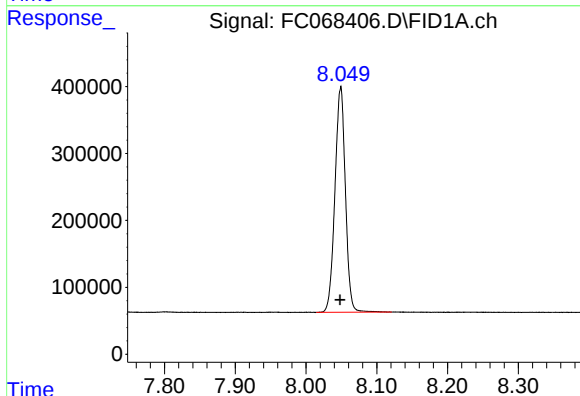
R.T.: 6.261 min  
Delta R.T.: 0.000 min  
Response: 3451156  
Conc: 20.93 ug/ml



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

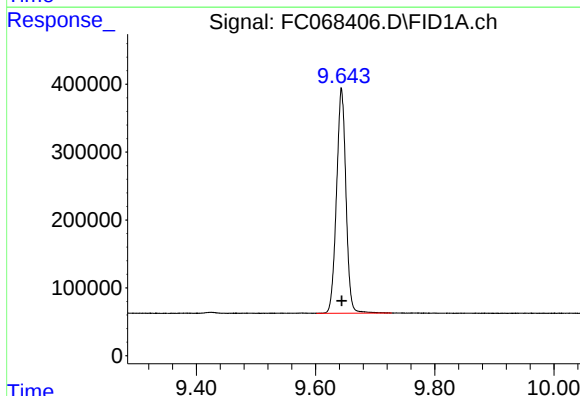
R.T.: 6.871 min  
Delta R.T.: 0.000 min  
Response: 3589505  
Conc: 21.10 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



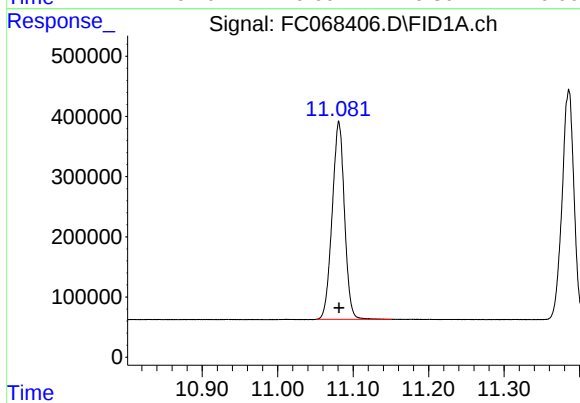
#6 n-Tetradecane (C14)

R.T.: 8.049 min  
Delta R.T.: 0.000 min  
Response: 3457908  
Conc: 21.02 ug/ml



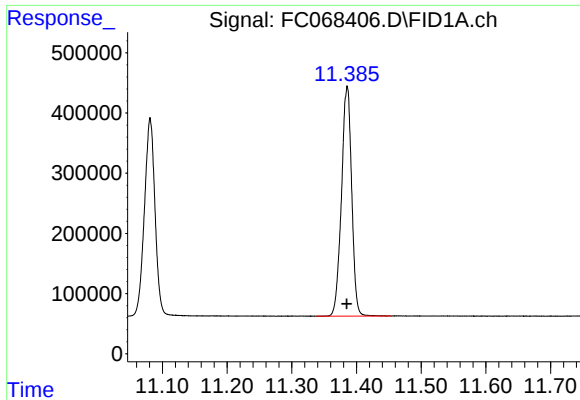
#7 n-Hexadecane (C16)

R.T.: 9.644 min  
Delta R.T.: 0.000 min  
Response: 3639050  
Conc: 21.18 ug/ml



#8 n-Octadecane (C18)

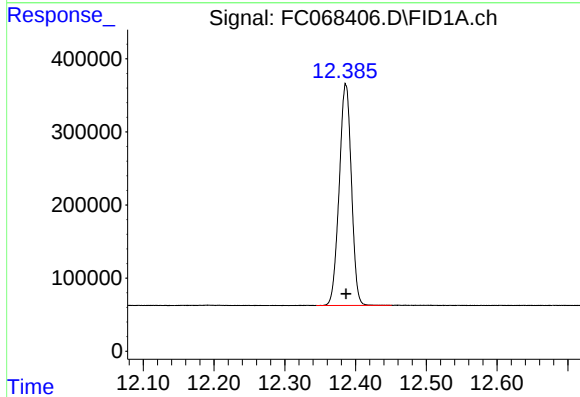
R.T.: 11.081 min  
Delta R.T.: 0.000 min  
Response: 3725197  
Conc: 21.22 ug/ml



#9 ortho-Terphenyl (SURR)

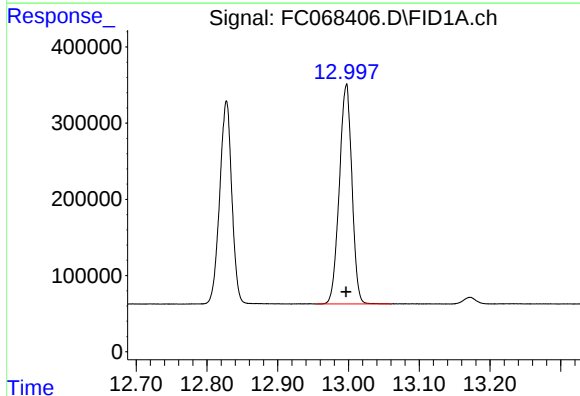
R.T.: 11.385 min  
Delta R.T.: 0.000 min  
Response: 4184619  
Conc: 21.07 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



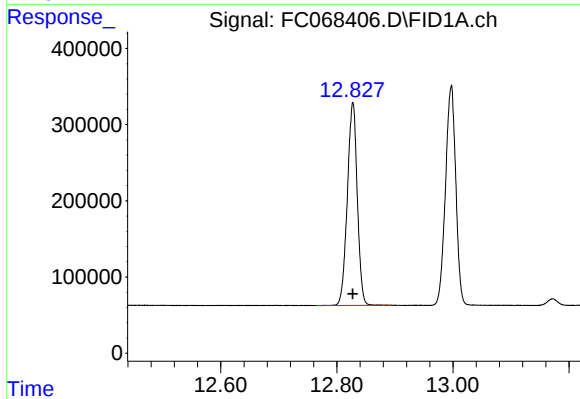
#10 n-Eicosane (C20)

R.T.: 12.386 min  
Delta R.T.: 0.000 min  
Response: 3623685  
Conc: 21.16 ug/ml



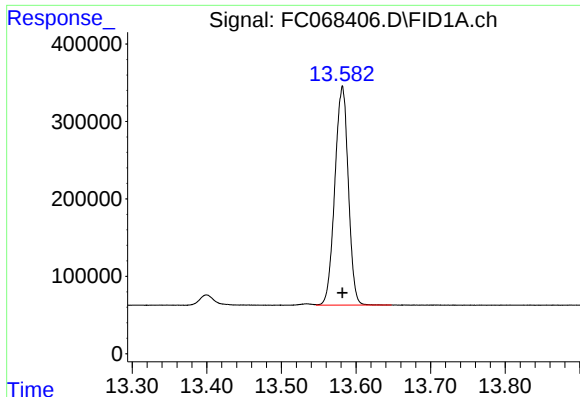
#11 n-Heneicosane (C21)

R.T.: 12.997 min  
Delta R.T.: 0.000 min  
Response: 3557280  
Conc: 21.21 ug/ml



#12 1-chlorooctadecane (SURR)

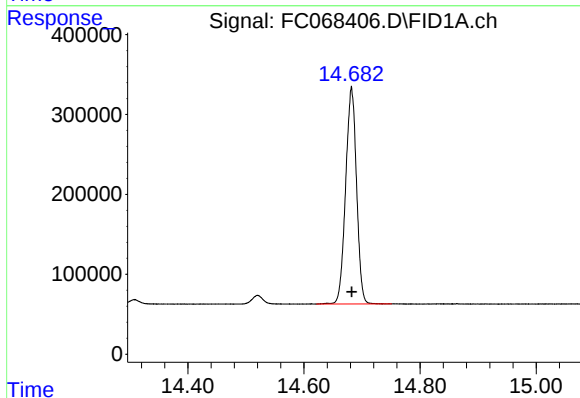
R.T.: 12.827 min  
Delta R.T.: 0.000 min  
Response: 3169108  
Conc: 21.26 ug/ml



#13 n-Docosane (C22)

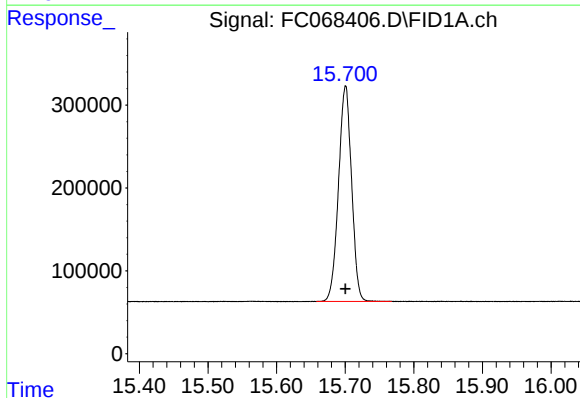
R.T.: 13.581 min  
Delta R.T.: 0.000 min  
Response: 3546383  
Conc: 21.02 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



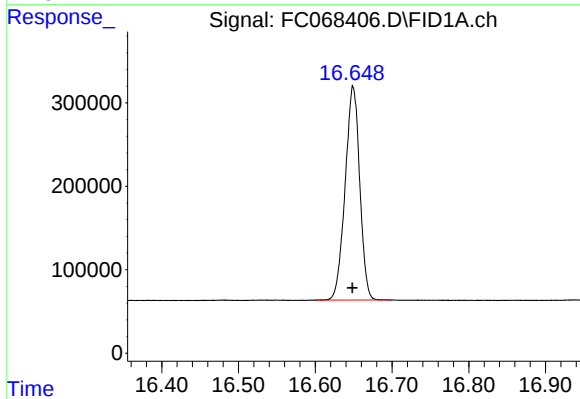
#14 n-Tetracosane (C24)

R.T.: 14.682 min  
Delta R.T.: 0.000 min  
Response: 3528543  
Conc: 20.60 ug/ml



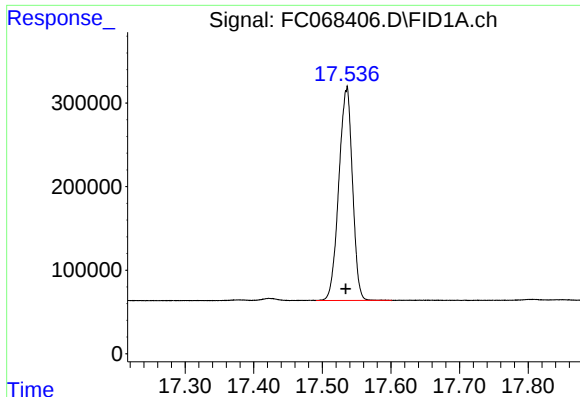
#15 n-Hexacosane (C26)

R.T.: 15.700 min  
Delta R.T.: 0.000 min  
Response: 3433946  
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

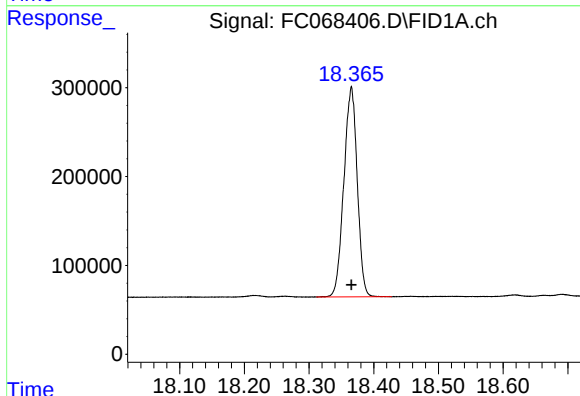
R.T.: 16.649 min  
Delta R.T.: 0.001 min  
Response: 3381117  
Conc: 20.22 ug/ml



#17 n-Tricontane (C30)

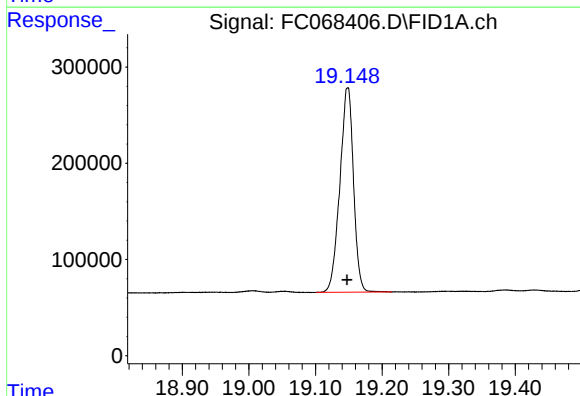
R.T.: 17.535 min  
Delta R.T.: 0.000 min  
Response: 3518206  
Conc: 20.18 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



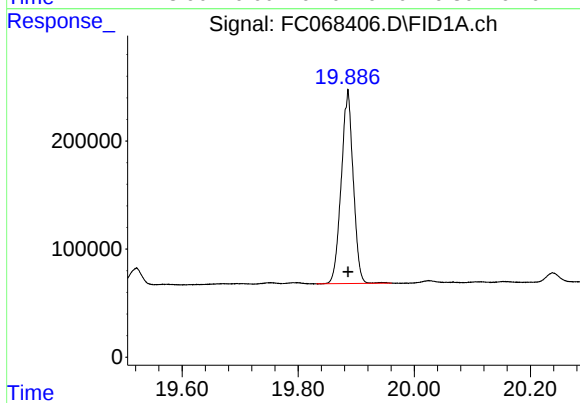
#18 n-Dotriacontane (C32)

R.T.: 18.365 min  
Delta R.T.: 0.000 min  
Response: 3395540  
Conc: 20.28 ug/ml



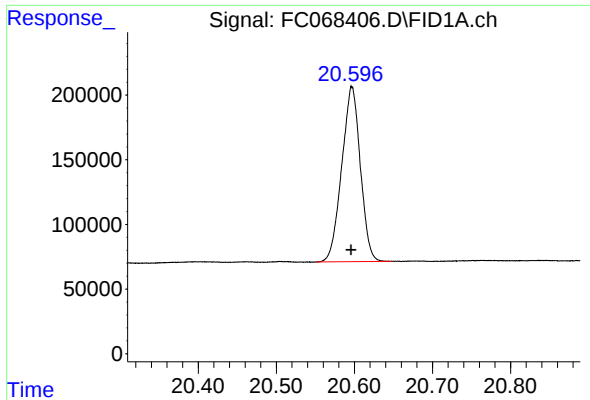
#19 n-Tetratriacontane (C34)

R.T.: 19.148 min  
Delta R.T.: 0.000 min  
Response: 3029523  
Conc: 20.54 ug/ml



#20 n-Hexatriacontane (C36)

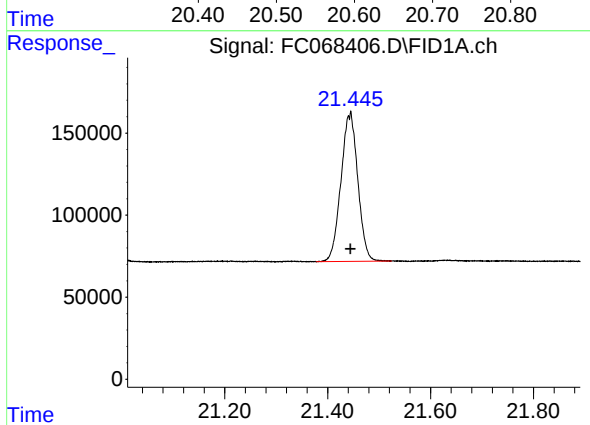
R.T.: 19.885 min  
Delta R.T.: 0.000 min  
Response: 2556410  
Conc: 20.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.597 min  
Delta R.T.: 0.001 min  
Response: 2239784  
Conc: 20.86 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.443 min  
Delta R.T.: -0.001 min  
Response: 2055815  
Conc: 20.98 ug/ml