

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050724AL\  
 Data File : FC066342.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 May 2024 08:21  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 08 08:55:21 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050124.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:03:15 2024  
 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)    | 11.561 | 2835662    | 17.151 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.30%       |
| 12) S 1-chlorooctadecane (S... | 13.001 | 2098192    | 17.106 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.21%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.317  | 2537591    | 16.802 ug/ml |
| 2) T n-Decane (C10)            | 4.385  | 2594006    | 16.868 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.968  | 2886434    | 16.989 ug/ml |
| 4) T n-Dodecane (C12)          | 6.406  | 2592316    | 16.868 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.025  | 2789440    | 16.925 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.202  | 2544161    | 16.811 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.804  | 2609753    | 17.068 ug/ml |
| 8) T n-Octadecane (C18)        | 11.247 | 2605105    | 17.163 ug/ml |
| 10) T n-Eicosane (C20)         | 12.557 | 2477759    | 17.224 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.169 | 2425310    | 17.254 ug/ml |
| 13) T n-Docosane (C22)         | 13.755 | 2412439    | 17.231 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.859 | 2385295    | 16.943 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.880 | 2326733    | 17.010 ug/ml |
| 16) T n-Octacosane (C28)       | 16.830 | 2277518    | 17.007 ug/ml |
| 17) T n-Tricontane (C30)       | 17.719 | 2318454    | 17.204 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.552 | 2411002    | 18.725 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.336 | 2246920    | 18.991 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.076 | 2320478    | 20.188 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.812 | 2454020    | 22.799 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.722 | 2567235    | 23.941 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

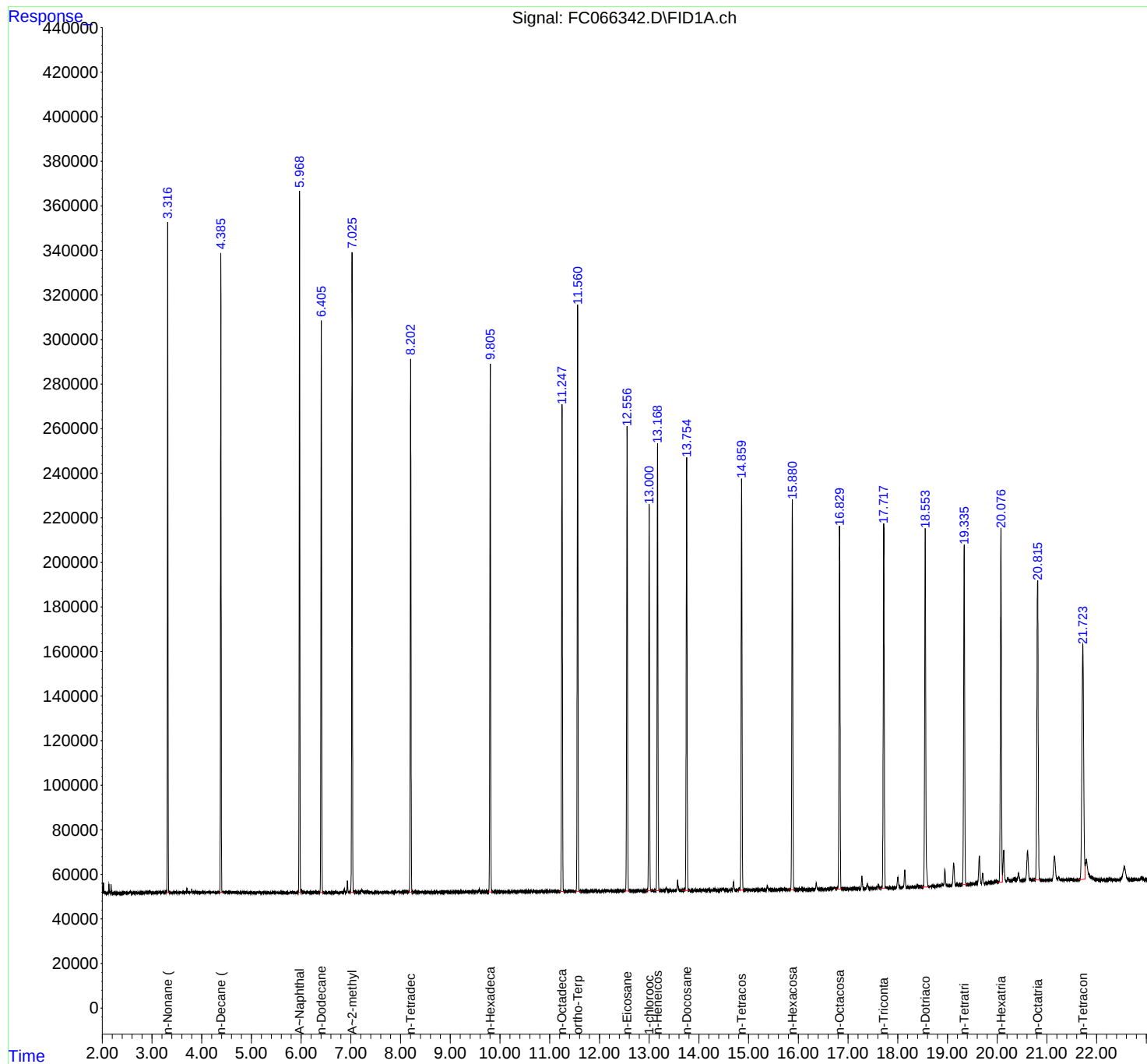
(m)=manual int.

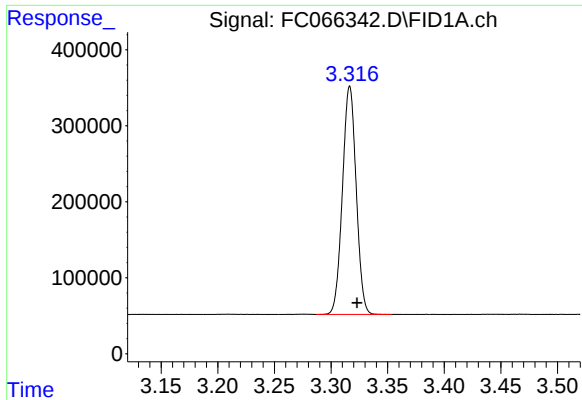
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050724AL\  
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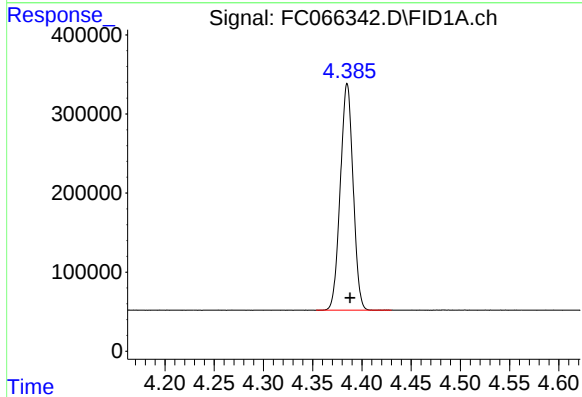




#1 n-Nonane (C9)

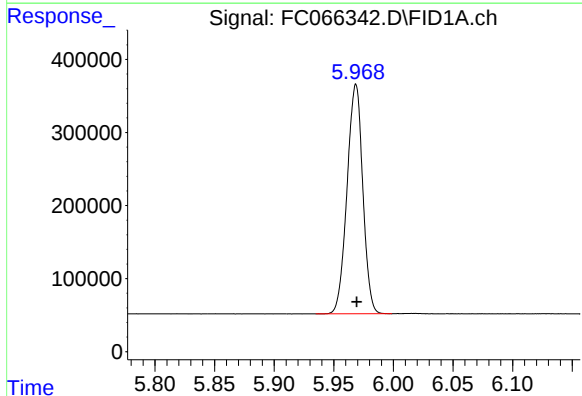
R.T.: 3.317 min  
Delta R.T.: -0.006 min  
Response: 2537591  
Conc: 16.80 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



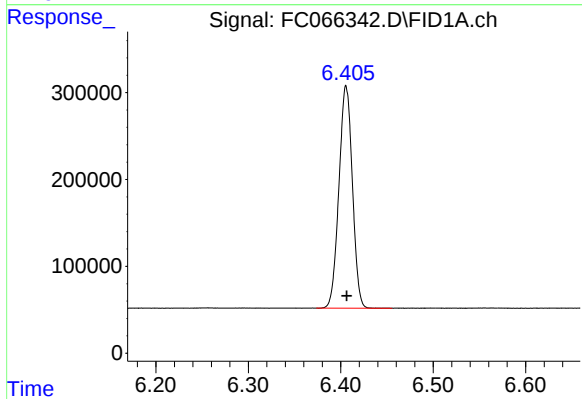
#2 n-Decane (C10)

R.T.: 4.385 min  
Delta R.T.: -0.003 min  
Response: 2594006  
Conc: 16.87 ug/ml



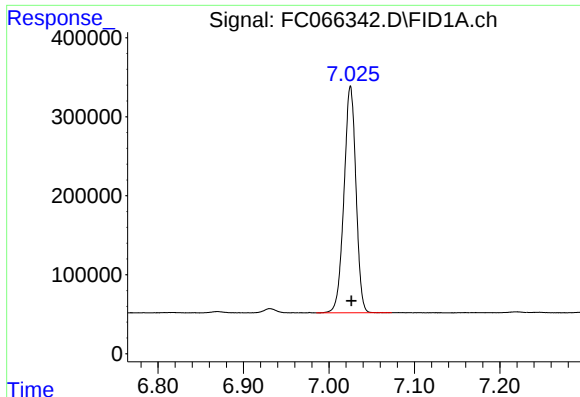
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min  
Delta R.T.: 0.000 min  
Response: 2886434  
Conc: 16.99 ug/ml



#4 n-Dodecane (C12)

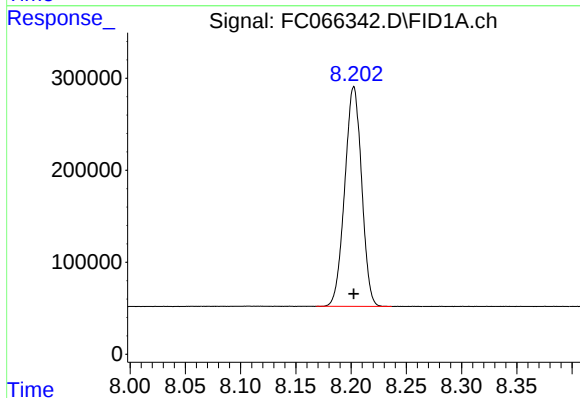
R.T.: 6.406 min  
Delta R.T.: 0.000 min  
Response: 2592316  
Conc: 16.87 ug/ml



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

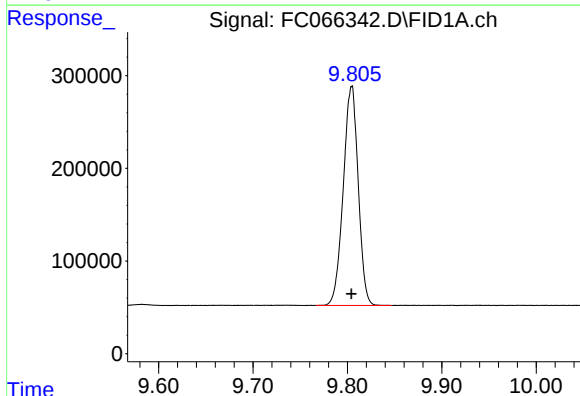
R.T.: 7.025 min  
Delta R.T.: -0.001 min  
Response: 2789440  
Conc: 16.93 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



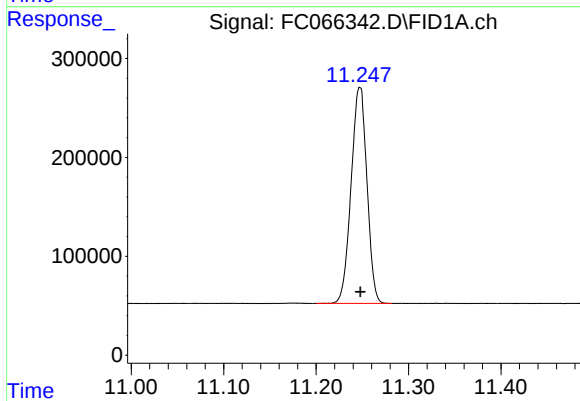
#6 n-Tetradecane (C14)

R.T.: 8.202 min  
Delta R.T.: 0.000 min  
Response: 2544161  
Conc: 16.81 ug/ml



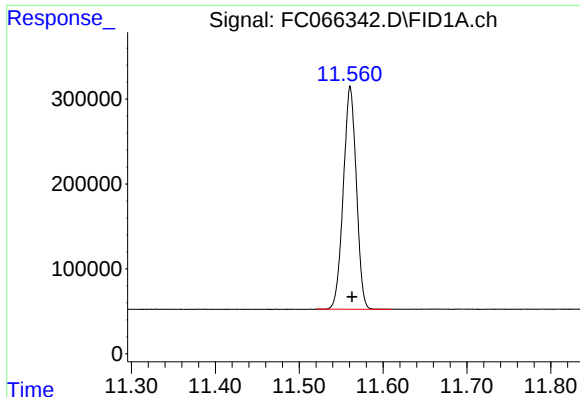
#7 n-Hexadecane (C16)

R.T.: 9.804 min  
Delta R.T.: 0.000 min  
Response: 2609753  
Conc: 17.07 ug/ml



#8 n-Octadecane (C18)

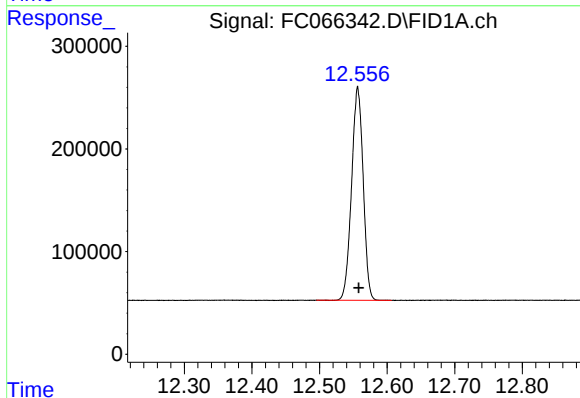
R.T.: 11.247 min  
Delta R.T.: 0.000 min  
Response: 2605105  
Conc: 17.16 ug/ml



#9 ortho-Terphenyl (SURR)

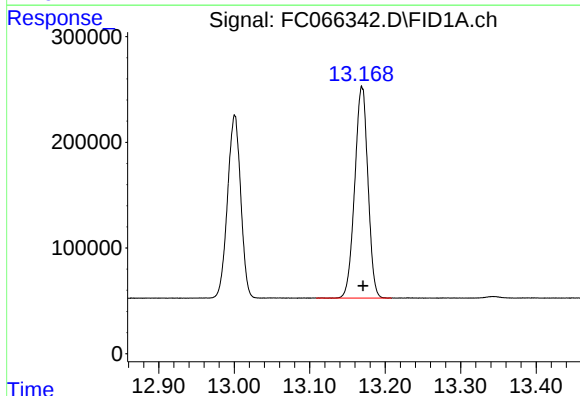
R.T.: 11.561 min  
Delta R.T.: -0.002 min  
Response: 2835662  
Conc: 17.15 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



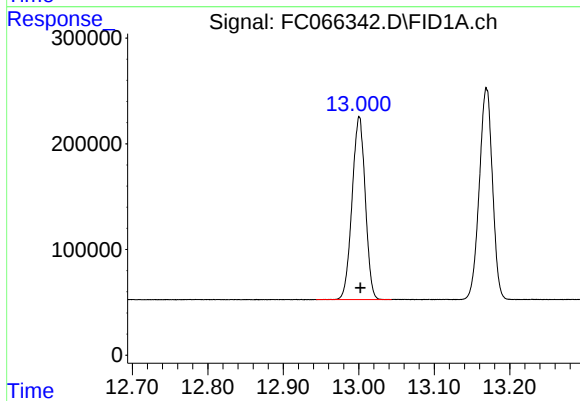
#10 n-Eicosane (C20)

R.T.: 12.557 min  
Delta R.T.: -0.002 min  
Response: 2477759  
Conc: 17.22 ug/ml



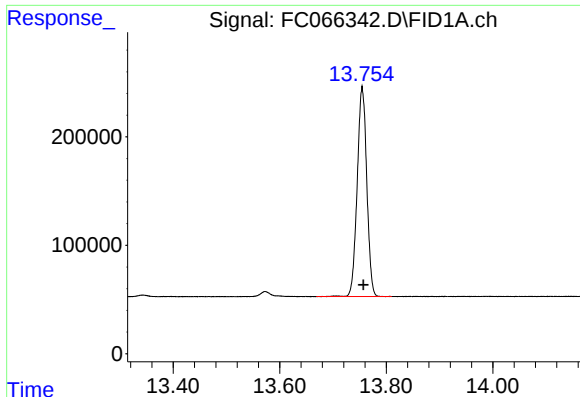
#11 n-Heneicosane (C21)

R.T.: 13.169 min  
Delta R.T.: -0.001 min  
Response: 2425310  
Conc: 17.25 ug/ml



#12 1-chlorooctadecane (SURR)

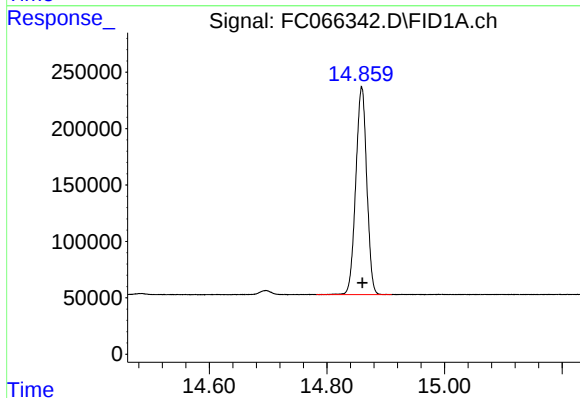
R.T.: 13.001 min  
Delta R.T.: -0.002 min  
Response: 2098192  
Conc: 17.11 ug/ml



#13 n-Docosane (C22)

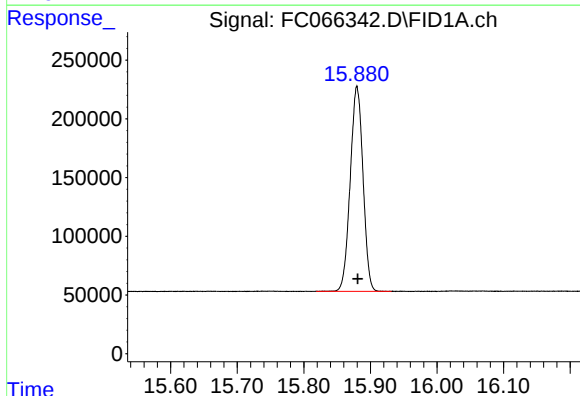
R.T.: 13.755 min  
Delta R.T.: -0.002 min  
Response: 2412439  
Conc: 17.23 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



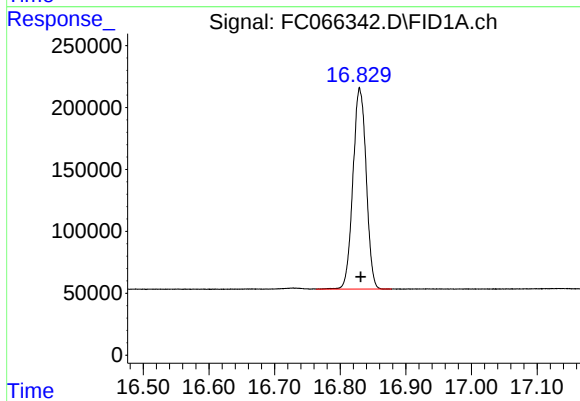
#14 n-Tetracosane (C24)

R.T.: 14.859 min  
Delta R.T.: -0.001 min  
Response: 2385295  
Conc: 16.94 ug/ml



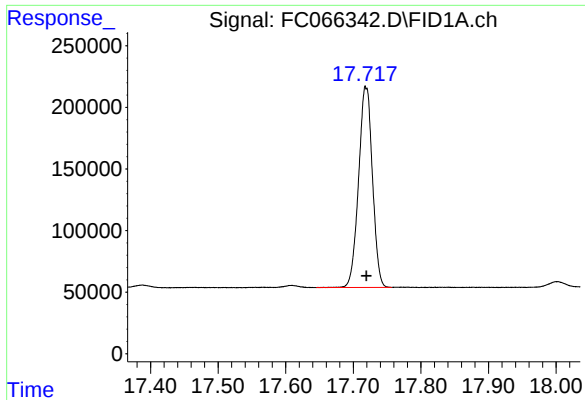
#15 n-Hexacosane (C26)

R.T.: 15.880 min  
Delta R.T.: -0.001 min  
Response: 2326733  
Conc: 17.01 ug/ml



#16 n-Octacosane (C28)

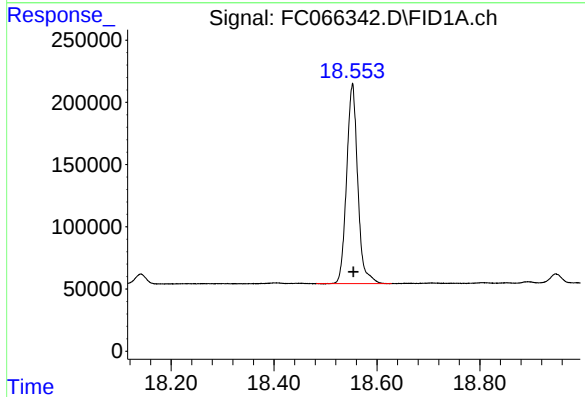
R.T.: 16.830 min  
Delta R.T.: -0.001 min  
Response: 2277518  
Conc: 17.01 ug/ml



#17 n-Tricontane (C30)

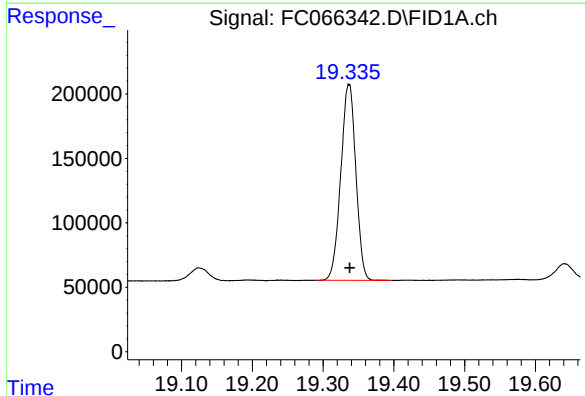
R.T.: 17.719 min  
Delta R.T.: 0.000 min  
Response: 2318454  
Conc: 17.20 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



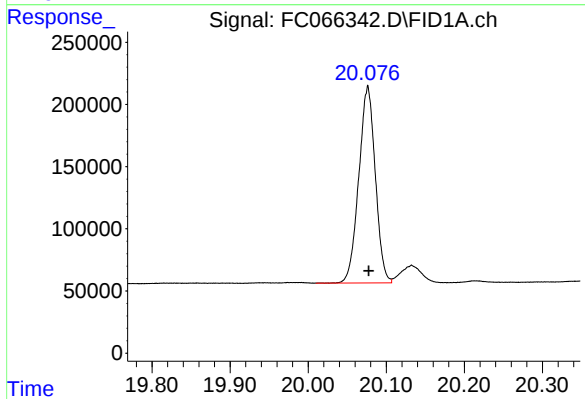
#18 n-Dotriacontane (C32)

R.T.: 18.552 min  
Delta R.T.: -0.002 min  
Response: 2411002  
Conc: 18.73 ug/ml



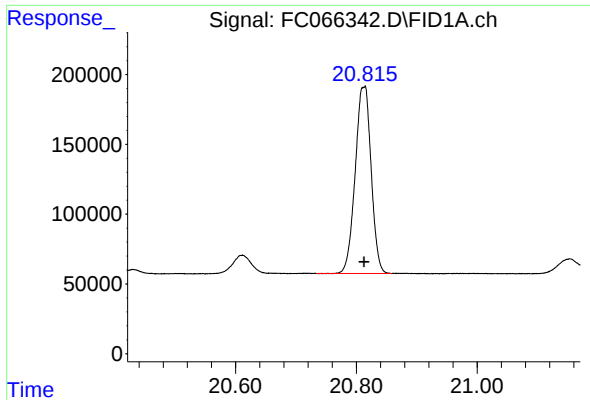
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min  
Delta R.T.: -0.001 min  
Response: 2246920  
Conc: 18.99 ug/ml



#20 n-Hexatriacontane (C36)

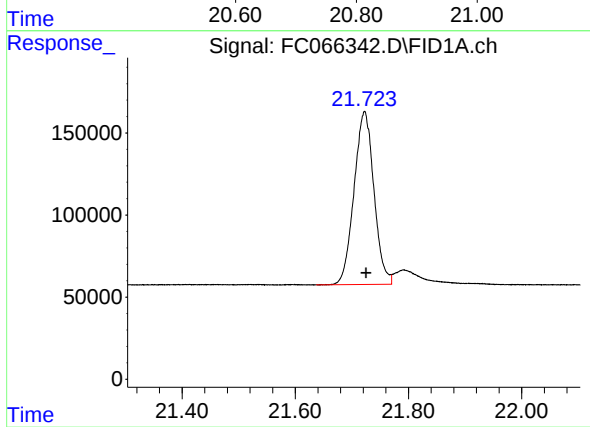
R.T.: 20.076 min  
Delta R.T.: -0.001 min  
Response: 2320478  
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min  
Delta R.T.: 0.000 min  
Response: 2454020  
Conc: 22.80 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.722 min  
Delta R.T.: -0.003 min  
Response: 2567235  
Conc: 23.94 ug/ml