

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080125AL\  
 Data File : FC069571.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 Aug 2025 20:09  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Aug 01 23:06:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 080125.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Aug 01 14:14:17 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)    | 11.673 | 3096850    | 20.758 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.52%       |
| 12) S 1-chlorooctadecane (S... | 13.108 | 2327940    | 21.353 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.71%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.402  | 2830305    | 19.866 ug/ml |
| 2) T n-Decane (C10)            | 4.475  | 2922991    | 20.106 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.072  | 3178583    | 20.485 ug/ml |
| 4) T n-Dodecane (C12)          | 6.501  | 2952122    | 20.194 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.132  | 3050603    | 20.714 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.301  | 2897735    | 20.305 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.905  | 2953484    | 20.488 ug/ml |
| 8) T n-Octadecane (C18)        | 11.349 | 2909607    | 20.575 ug/ml |
| 10) T n-Eicosane (C20)         | 12.662 | 2727655    | 20.707 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.275 | 2638587    | 20.688 ug/ml |
| 13) T n-Docosane (C22)         | 13.862 | 2596699    | 20.787 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.967 | 2508553    | 20.788 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.989 | 2397691    | 20.750 ug/ml |
| 16) T n-Octacosane (C28)       | 16.940 | 2323224    | 20.727 ug/ml |
| 17) T n-Tricontane (C30)       | 17.831 | 2380338    | 20.790 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.664 | 2336157    | 21.031 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.449 | 2186729    | 21.476 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.190 | 1891810    | 21.217 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.957 | 1722459    | 21.412 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.922 | 1720596    | 22.978 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

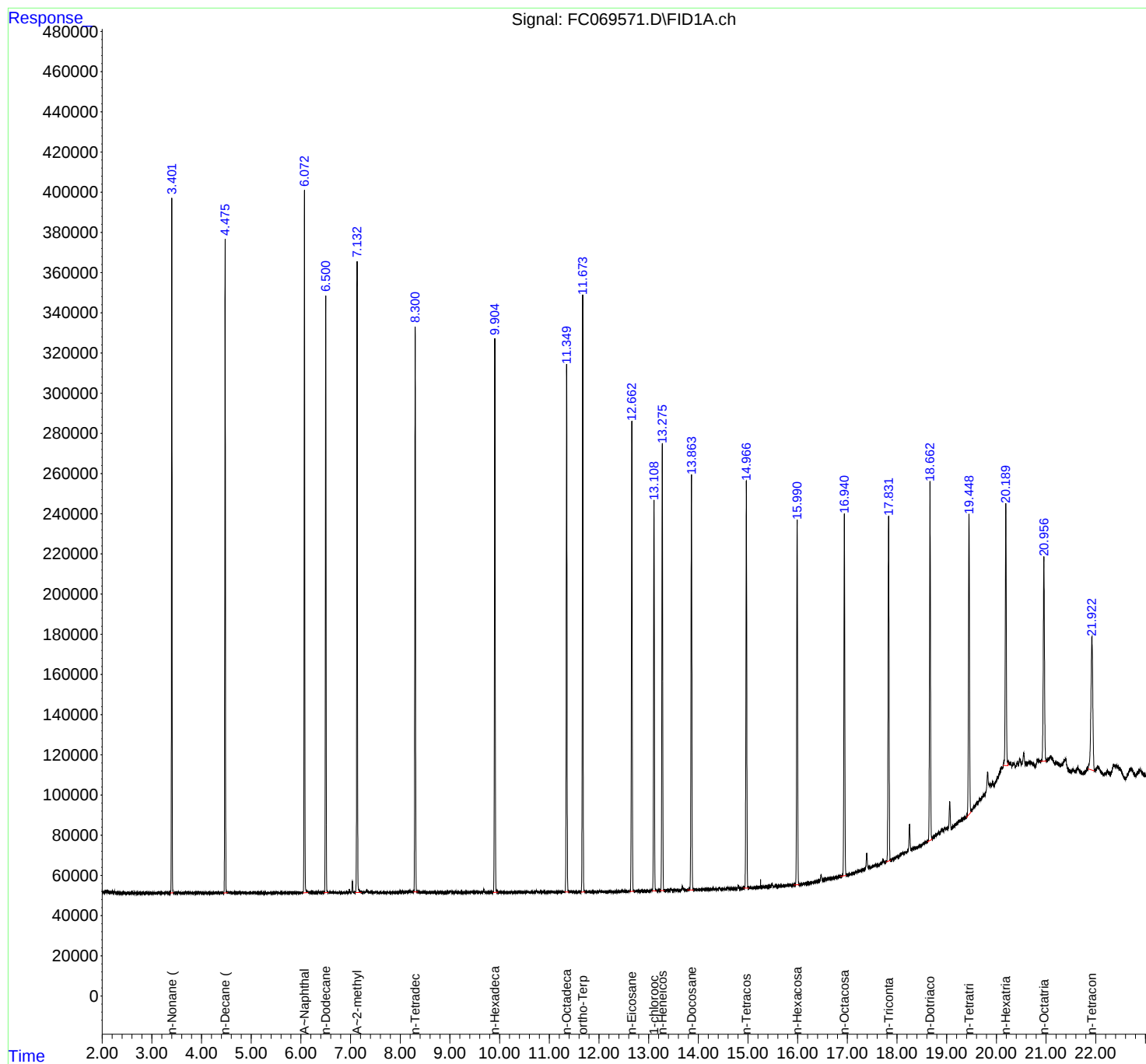
(m)=manual int.

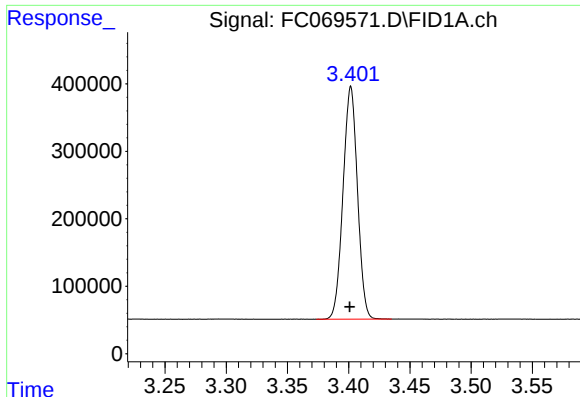
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080125AL\  
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QLast Update : Fri Aug 01 14:14:17 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

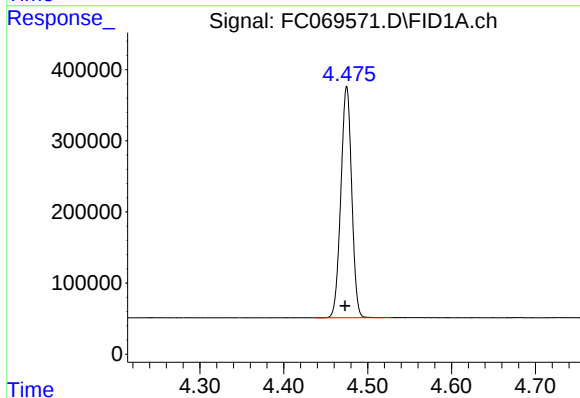




#1 n-Nonane (C9)

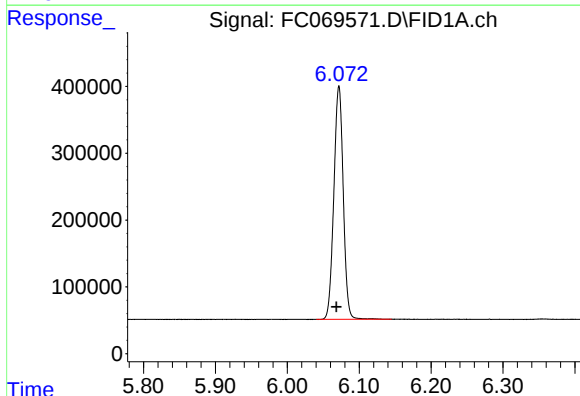
R.T.: 3.402 min  
Delta R.T.: 0.000 min  
Response: 2830305  
Conc: 19.87 ug/ml

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



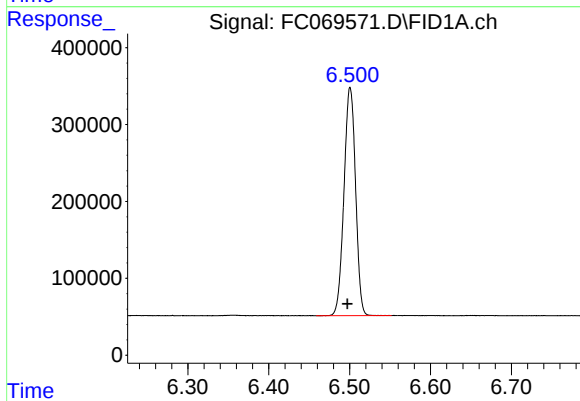
#2 n-Decane (C10)

R.T.: 4.475 min  
Delta R.T.: 0.002 min  
Response: 2922991  
Conc: 20.11 ug/ml



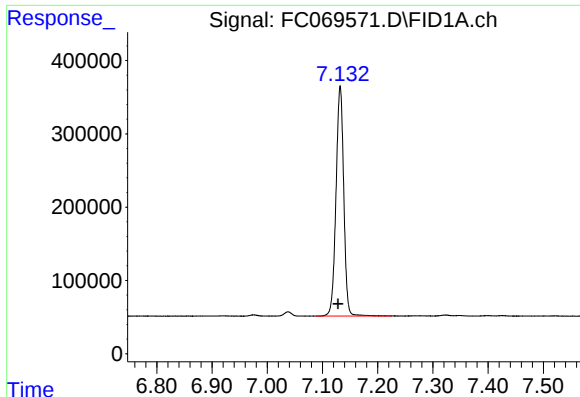
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min  
Delta R.T.: 0.004 min  
Response: 3178583  
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

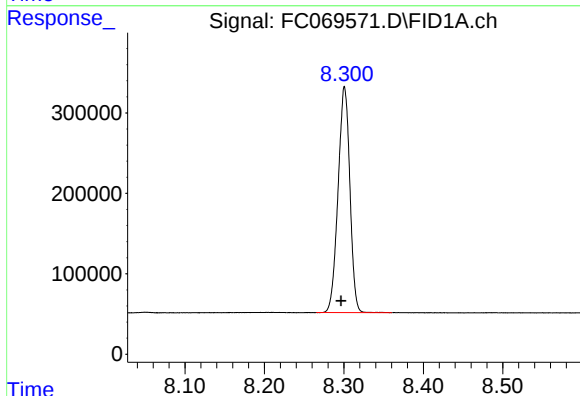
R.T.: 6.501 min  
Delta R.T.: 0.004 min  
Response: 2952122  
Conc: 20.19 ug/ml



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

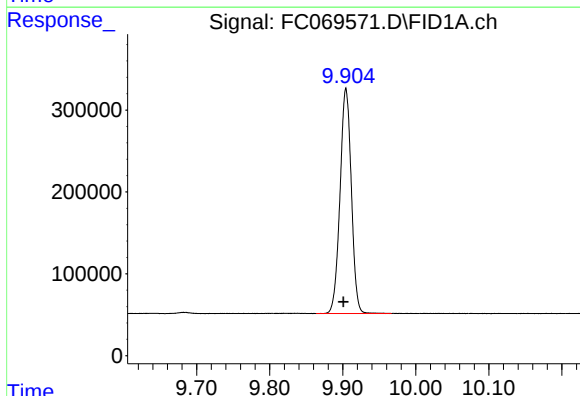
R.T.: 7.132 min  
Delta R.T.: 0.004 min  
Response: 3050603  
Conc: 20.71 ug/ml

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



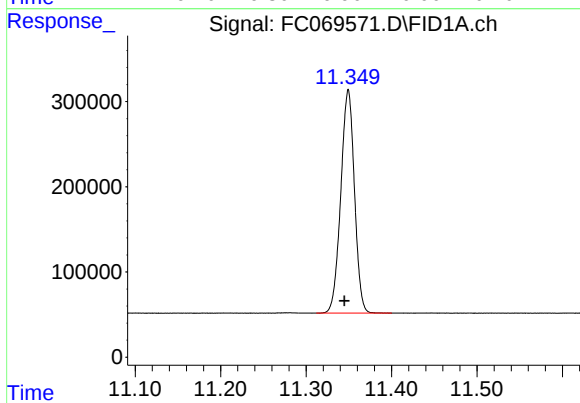
#6 n-Tetradecane (C14)

R.T.: 8.301 min  
Delta R.T.: 0.004 min  
Response: 2897735  
Conc: 20.30 ug/ml



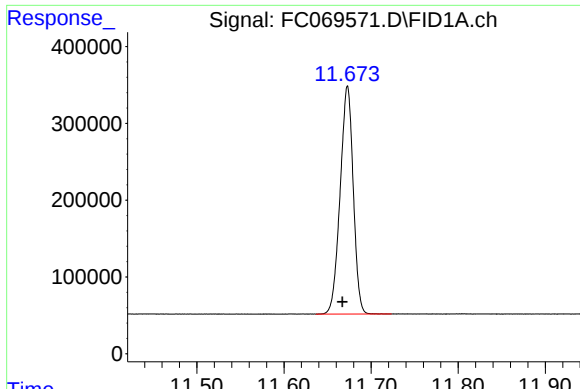
#7 n-Hexadecane (C16)

R.T.: 9.905 min  
Delta R.T.: 0.004 min  
Response: 2953484  
Conc: 20.49 ug/ml



#8 n-Octadecane (C18)

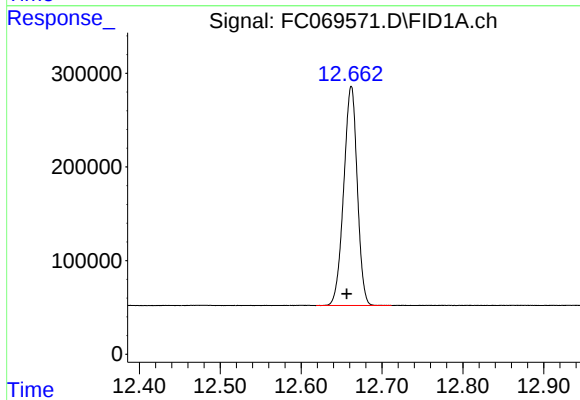
R.T.: 11.349 min  
Delta R.T.: 0.004 min  
Response: 2909607  
Conc: 20.58 ug/ml



#9 ortho-Terphenyl (SURR)

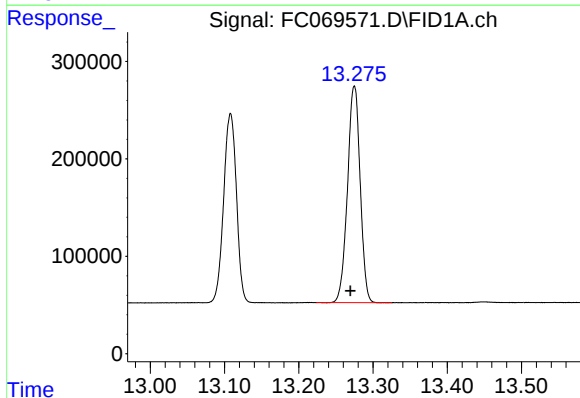
R.T.: 11.673 min  
Delta R.T.: 0.006 min  
Response: 3096850  
Conc: 20.76 ug/ml

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



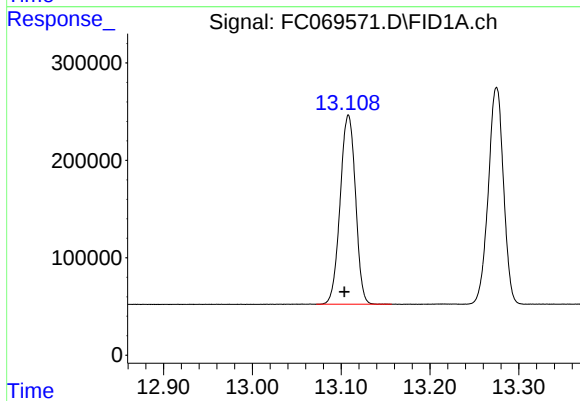
#10 n-Eicosane (C20)

R.T.: 12.662 min  
Delta R.T.: 0.006 min  
Response: 2727655  
Conc: 20.71 ug/ml



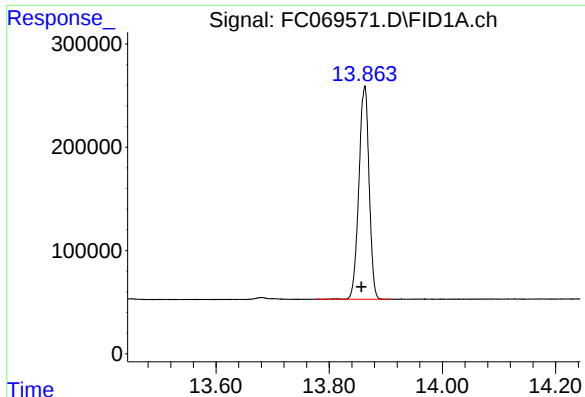
#11 n-Heneicosane (C21)

R.T.: 13.275 min  
Delta R.T.: 0.005 min  
Response: 2638587  
Conc: 20.69 ug/ml



#12 1-chlorooctadecane (SURR)

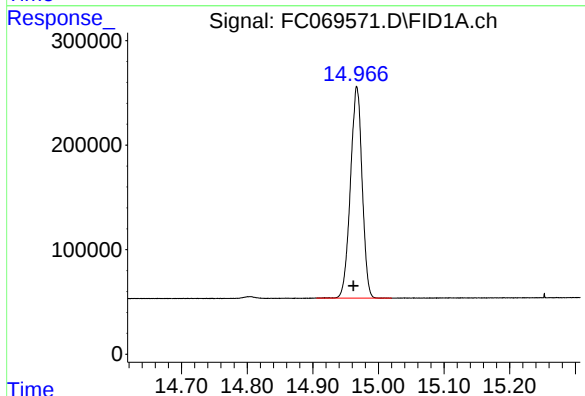
R.T.: 13.108 min  
Delta R.T.: 0.004 min  
Response: 2327940  
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

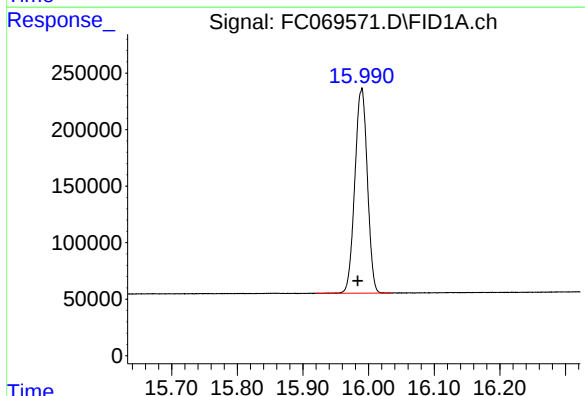
R.T.: 13.862 min  
Delta R.T.: 0.005 min  
Response: 2596699  
Conc: 20.79 ug/ml

Instrument :  
FID\_C  
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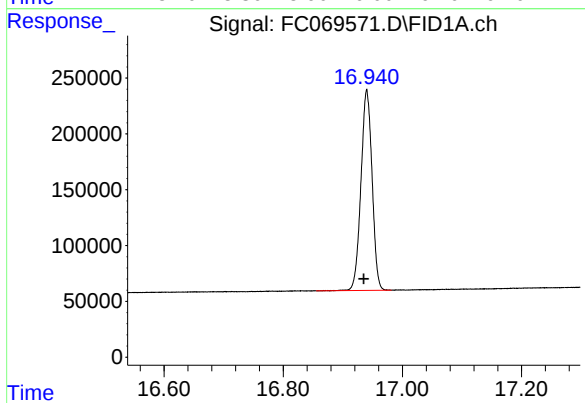
#14 n-Tetracosane (C24)

R.T.: 14.967 min  
Delta R.T.: 0.005 min  
Response: 2508553  
Conc: 20.79 ug/ml



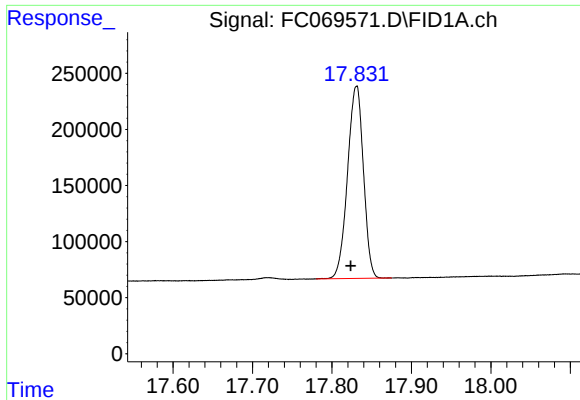
#15 n-Hexacosane (C26)

R.T.: 15.989 min  
Delta R.T.: 0.006 min  
Response: 2397691  
Conc: 20.75 ug/ml



#16 n-Octacosane (C28)

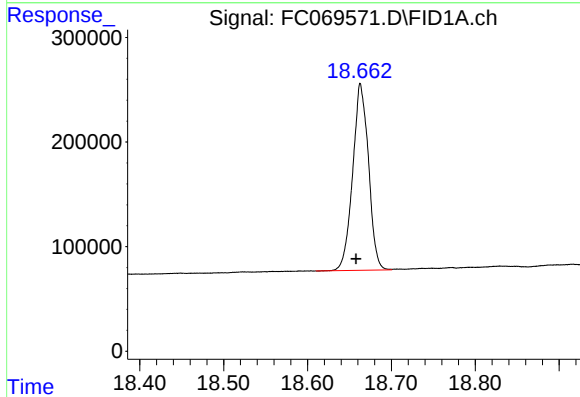
R.T.: 16.940 min  
Delta R.T.: 0.005 min  
Response: 2323224  
Conc: 20.73 ug/ml



#17 n-Tricontane (C30)

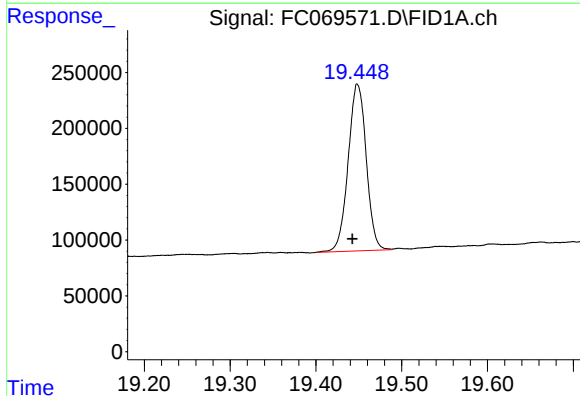
R.T.: 17.831 min  
Delta R.T.: 0.007 min  
Response: 2380338  
Conc: 20.79 ug/ml

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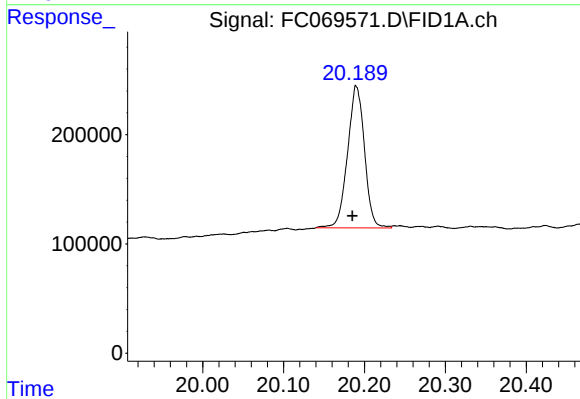
#18 n-Dotriacontane (C32)

R.T.: 18.664 min  
Delta R.T.: 0.006 min  
Response: 2336157  
Conc: 21.03 ug/ml



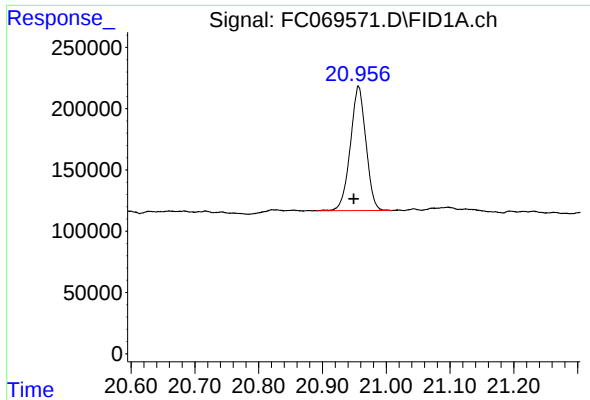
#19 n-Tetratriacontane (C34)

R.T.: 19.449 min  
Delta R.T.: 0.006 min  
Response: 2186729  
Conc: 21.48 ug/ml



#20 n-Hexatriacontane (C36)

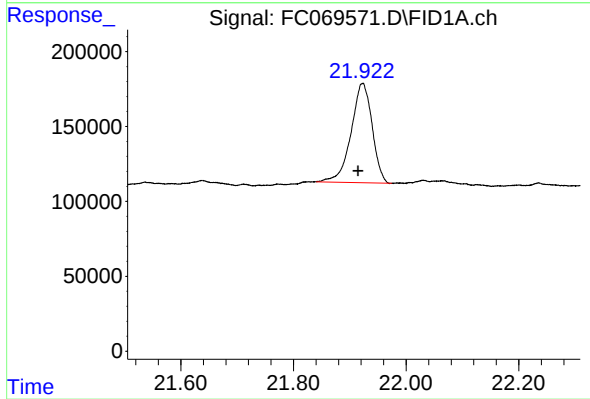
R.T.: 20.190 min  
Delta R.T.: 0.005 min  
Response: 1891810  
Conc: 21.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.957 min  
Delta R.T.: 0.007 min  
Response: 1722459  
Conc: 21.41 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.922 min  
Delta R.T.: 0.007 min  
Response: 1720596  
Conc: 22.98 ug/ml