

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060925AL\  
 Data File : FC069133.D  
 Signal(s) : FID1A.ch  
 Acq On : 09 Jun 2025 12:17  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jun 10 05:23:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052425.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 27 01:48:55 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)    | 11.675 | 2457830    | 19.927 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.85%       |
| 12) S 1-chlorooctadecane (S... | 13.112 | 1686192    | 18.795 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.59%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.399  | 2145430    | 20.216 ug/ml |
| 2) T n-Decane (C10)            | 4.475  | 2162880    | 20.422 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.071  | 2345660    | 20.285 ug/ml |
| 4) T n-Dodecane (C12)          | 6.502  | 2130689    | 20.269 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.131  | 2284278    | 20.149 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.303  | 2053079    | 20.029 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.908  | 1997429    | 19.685 ug/ml |
| 8) T n-Octadecane (C18)        | 11.352 | 1900671    | 19.017 ug/ml |
| 10) T n-Eicosane (C20)         | 12.665 | 1870574    | 19.205 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.279 | 1842160    | 19.139 ug/ml |
| 13) T n-Docosane (C22)         | 13.866 | 1826744    | 19.175 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.972 | 1803749    | 19.158 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.995 | 1798936    | 19.376 ug/ml |
| 16) T n-Octacosane (C28)       | 16.947 | 1869133    | 20.108 ug/ml |
| 17) T n-Tricontane (C30)       | 17.837 | 2037588    | 21.059 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.672 | 2129645    | 21.490 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.458 | 1998780    | 20.739 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.201 | 1880637    | 19.811 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.969 | 1693399    | 18.561 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.937 | 1411641    | 15.999 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

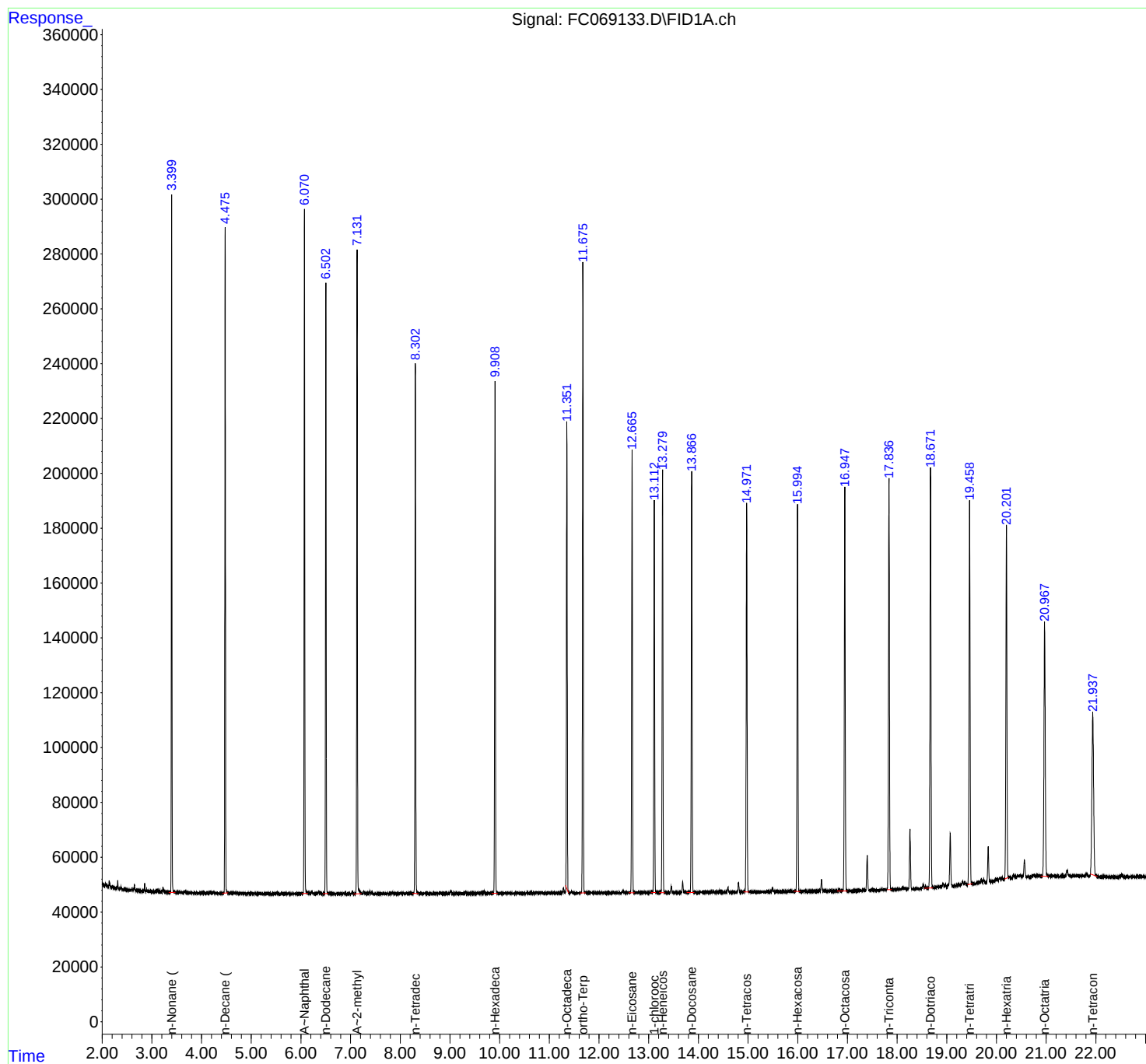
(m)=manual int.

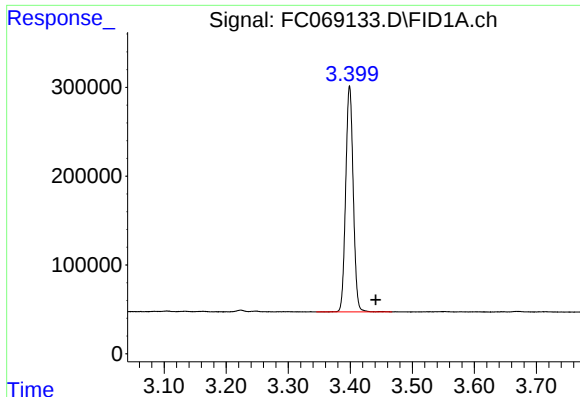
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060925AL\  
Data File : FC069133.D  
Signal(s) : FID1A.ch  
Acq On : 09 Jun 2025 12:17  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD

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Quant Time: Jun 10 05:23:19 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052425.M  
Quant Title : GC Extractables  
QLast Update : Tue May 27 01:48:55 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

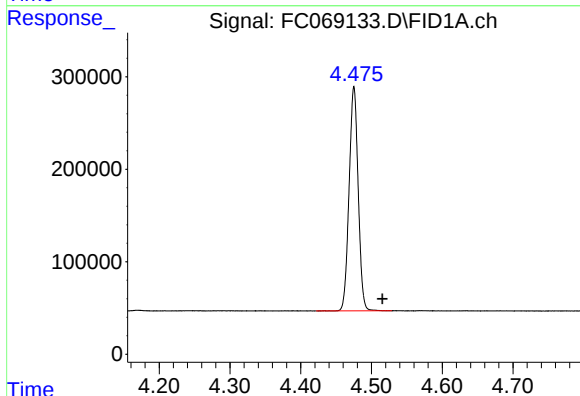




#1 n-Nonane (C9)

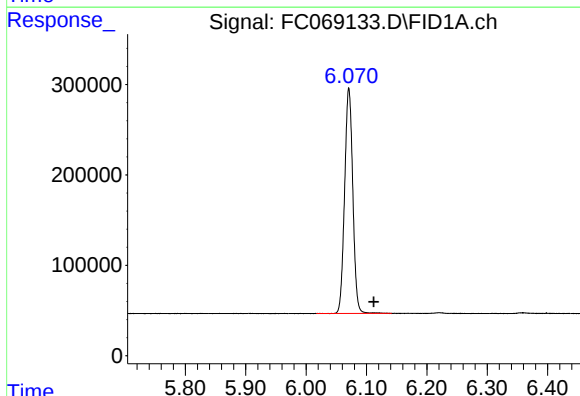
R.T.: 3.399 min  
Delta R.T.: -0.042 min  
Response: 2145430  
Conc: 20.22 ug/ml

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



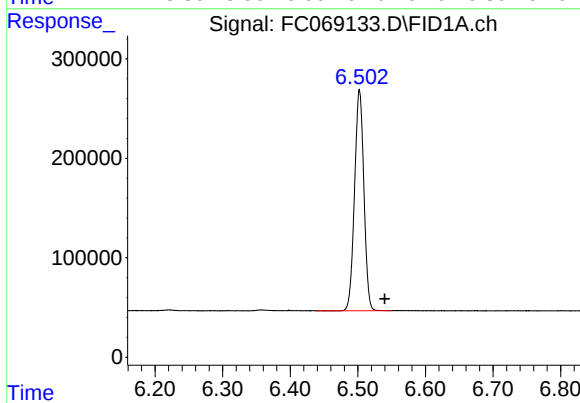
#2 n-Decane (C10)

R.T.: 4.475 min  
Delta R.T.: -0.040 min  
Response: 2162880  
Conc: 20.42 ug/ml



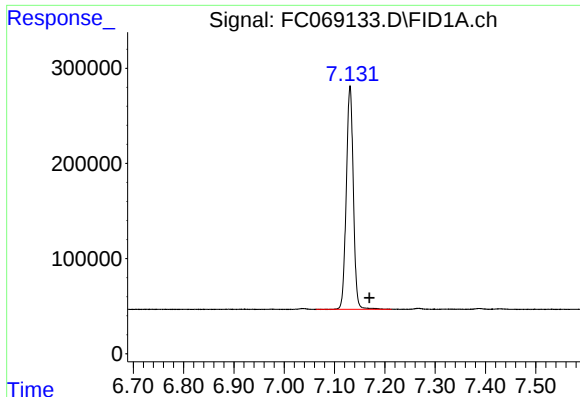
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min  
Delta R.T.: -0.041 min  
Response: 2345660  
Conc: 20.28 ug/ml



#4 n-Dodecane (C12)

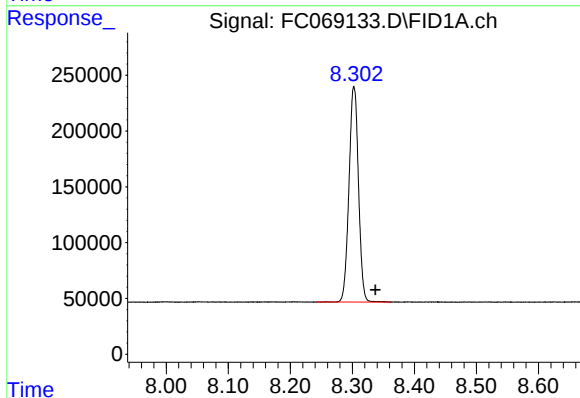
R.T.: 6.502 min  
Delta R.T.: -0.037 min  
Response: 2130689  
Conc: 20.27 ug/ml



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

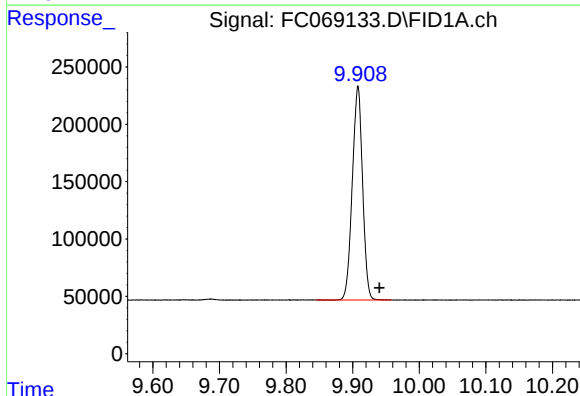
R.T.: 7.131 min  
Delta R.T.: -0.039 min  
Response: 2284278  
Conc: 20.15 ug/ml

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



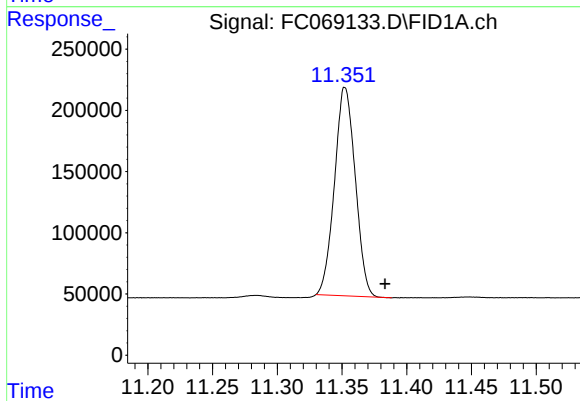
#6 n-Tetradecane (C14)

R.T.: 8.303 min  
Delta R.T.: -0.034 min  
Response: 2053079  
Conc: 20.03 ug/ml



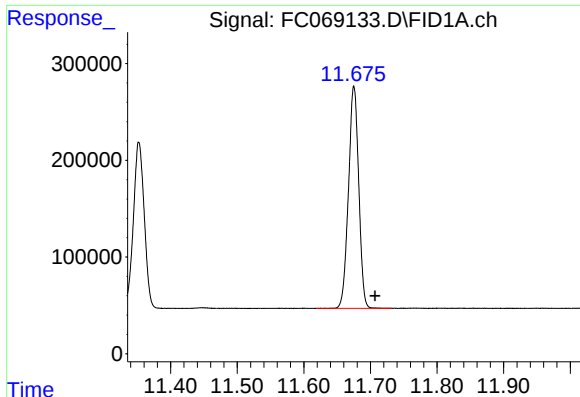
#7 n-Hexadecane (C16)

R.T.: 9.908 min  
Delta R.T.: -0.032 min  
Response: 1997429  
Conc: 19.69 ug/ml



#8 n-Octadecane (C18)

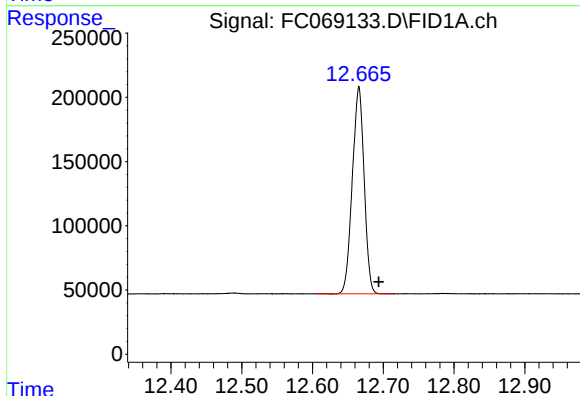
R.T.: 11.352 min  
Delta R.T.: -0.031 min  
Response: 1900671  
Conc: 19.02 ug/ml



#9 ortho-Terphenyl (SURR)

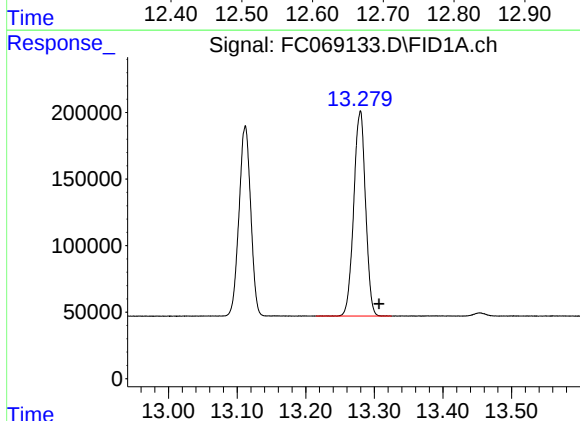
R.T.: 11.675 min  
Delta R.T.: -0.032 min  
Response: 2457830  
Conc: 19.93 ug/ml

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



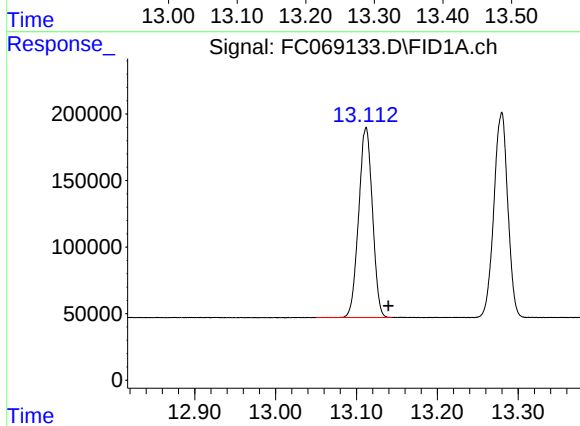
#10 n-Eicosane (C20)

R.T.: 12.665 min  
Delta R.T.: -0.028 min  
Response: 1870574  
Conc: 19.21 ug/ml



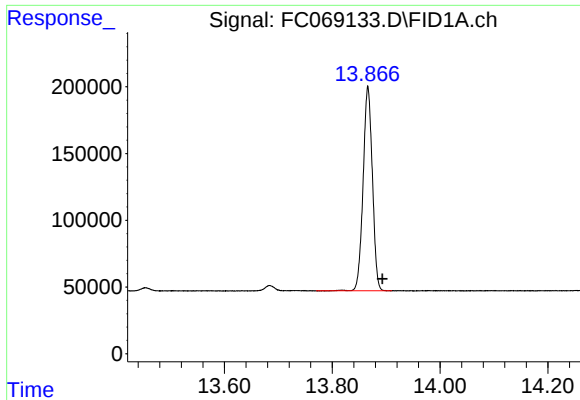
#11 n-Heneicosane (C21)

R.T.: 13.279 min  
Delta R.T.: -0.028 min  
Response: 1842160  
Conc: 19.14 ug/ml



#12 1-chlorooctadecane (SURR)

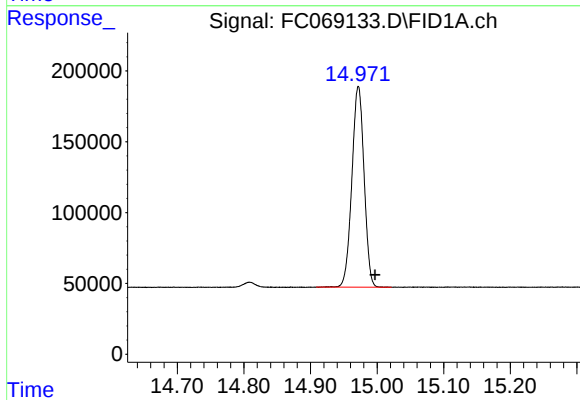
R.T.: 13.112 min  
Delta R.T.: -0.028 min  
Response: 1686192  
Conc: 18.80 ug/ml



#13 n-Docosane (C22)

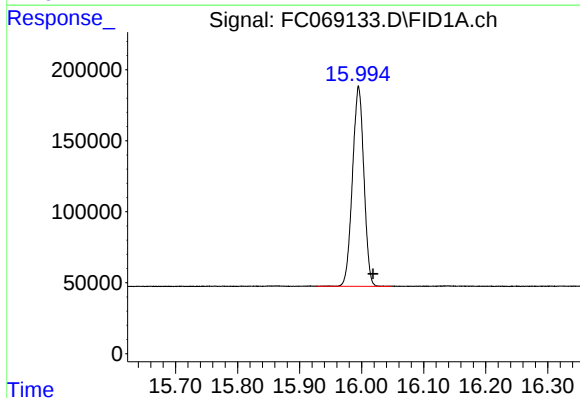
R.T.: 13.866 min  
Delta R.T.: -0.027 min  
Response: 1826744  
Conc: 19.17 ug/ml

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



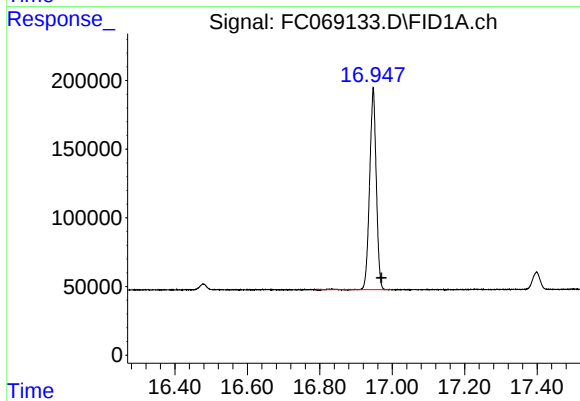
#14 n-Tetracosane (C24)

R.T.: 14.972 min  
Delta R.T.: -0.025 min  
Response: 1803749  
Conc: 19.16 ug/ml



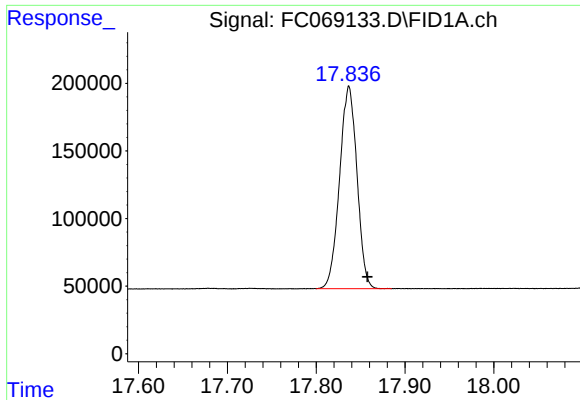
#15 n-Hexacosane (C26)

R.T.: 15.995 min  
Delta R.T.: -0.023 min  
Response: 1798936  
Conc: 19.38 ug/ml



#16 n-Octacosane (C28)

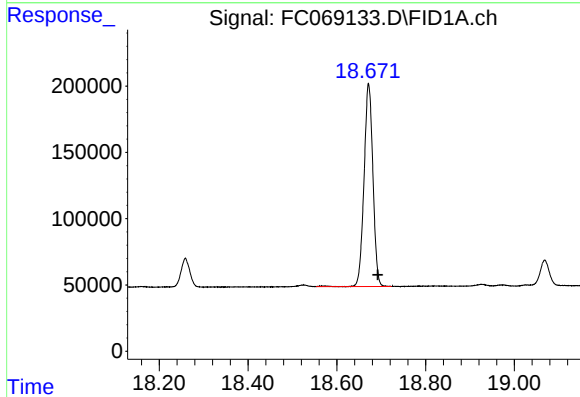
R.T.: 16.947 min  
Delta R.T.: -0.022 min  
Response: 1869133  
Conc: 20.11 ug/ml



#17 n-Tricontane (C30)

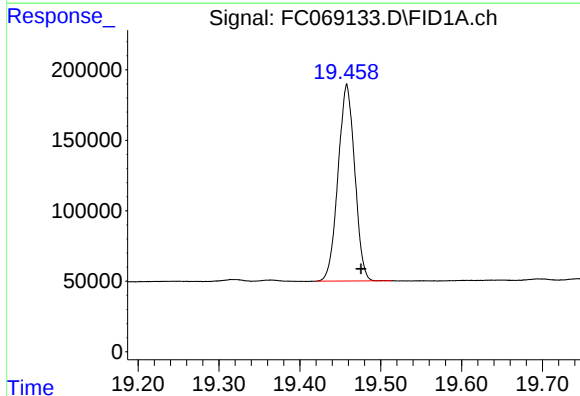
R.T.: 17.837 min  
Delta R.T.: -0.021 min  
Response: 2037588  
Conc: 21.06 ug/ml

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



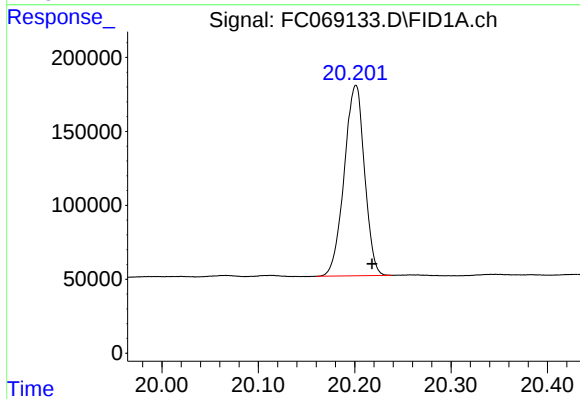
#18 n-Dotriacontane (C32)

R.T.: 18.672 min  
Delta R.T.: -0.020 min  
Response: 2129645  
Conc: 21.49 ug/ml



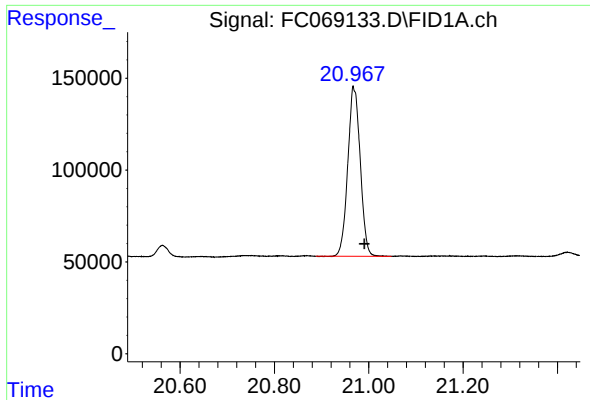
#19 n-Tetratriacontane (C34)

R.T.: 19.458 min  
Delta R.T.: -0.018 min  
Response: 1998780  
Conc: 20.74 ug/ml



#20 n-Hexatriacontane (C36)

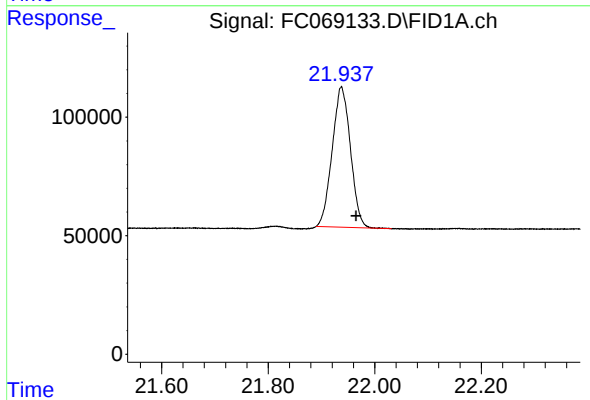
R.T.: 20.201 min  
Delta R.T.: -0.017 min  
Response: 1880637  
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.969 min  
Delta R.T.: -0.022 min  
Response: 1693399  
Conc: 18.56 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.937 min  
Delta R.T.: -0.028 min  
Response: 1411641  
Conc: 16.00 ug/ml