

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC123124AL\  
 Data File : FC068085.D  
 Signal(s) : FID1A.ch  
 Acq On : 31 Dec 2024 12:13  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Dec 31 13:01:39 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 123124.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 31 12:18:53 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)    | 11.435 | 3096242    | 20.132 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.26%       |
| 12) S 1-chlorooctadecane (S... | 12.875 | 2291606    | 20.189 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.38%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.237  | 2770736    | 20.200 ug/ml |
| 2) T n-Decane (C10)            | 4.295  | 2797397    | 20.240 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.865  | 3055082    | 20.317 ug/ml |
| 4) T n-Dodecane (C12)          | 6.305  | 2797231    | 20.228 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.918  | 2935177    | 20.336 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.094  | 2725109    | 20.165 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.690  | 2769026    | 20.176 ug/ml |
| 8) T n-Octadecane (C18)        | 11.129 | 2772188    | 20.139 ug/ml |
| 10) T n-Eicosane (C20)         | 12.434 | 2642629    | 20.145 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.044 | 2588381    | 20.137 ug/ml |
| 13) T n-Docosane (C22)         | 13.629 | 2560810    | 20.191 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.730 | 2524866    | 20.225 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.748 | 2469194    | 20.265 ug/ml |
| 16) T n-Octacosane (C28)       | 16.695 | 2407802    | 20.263 ug/ml |
| 17) T n-Tricontane (C30)       | 17.581 | 2409391    | 20.188 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.412 | 2285661    | 20.089 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.195 | 2003623    | 20.128 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.933 | 1743461    | 20.061 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.648 | 1644615    | 19.906 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.510 | 1610007    | 20.013 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

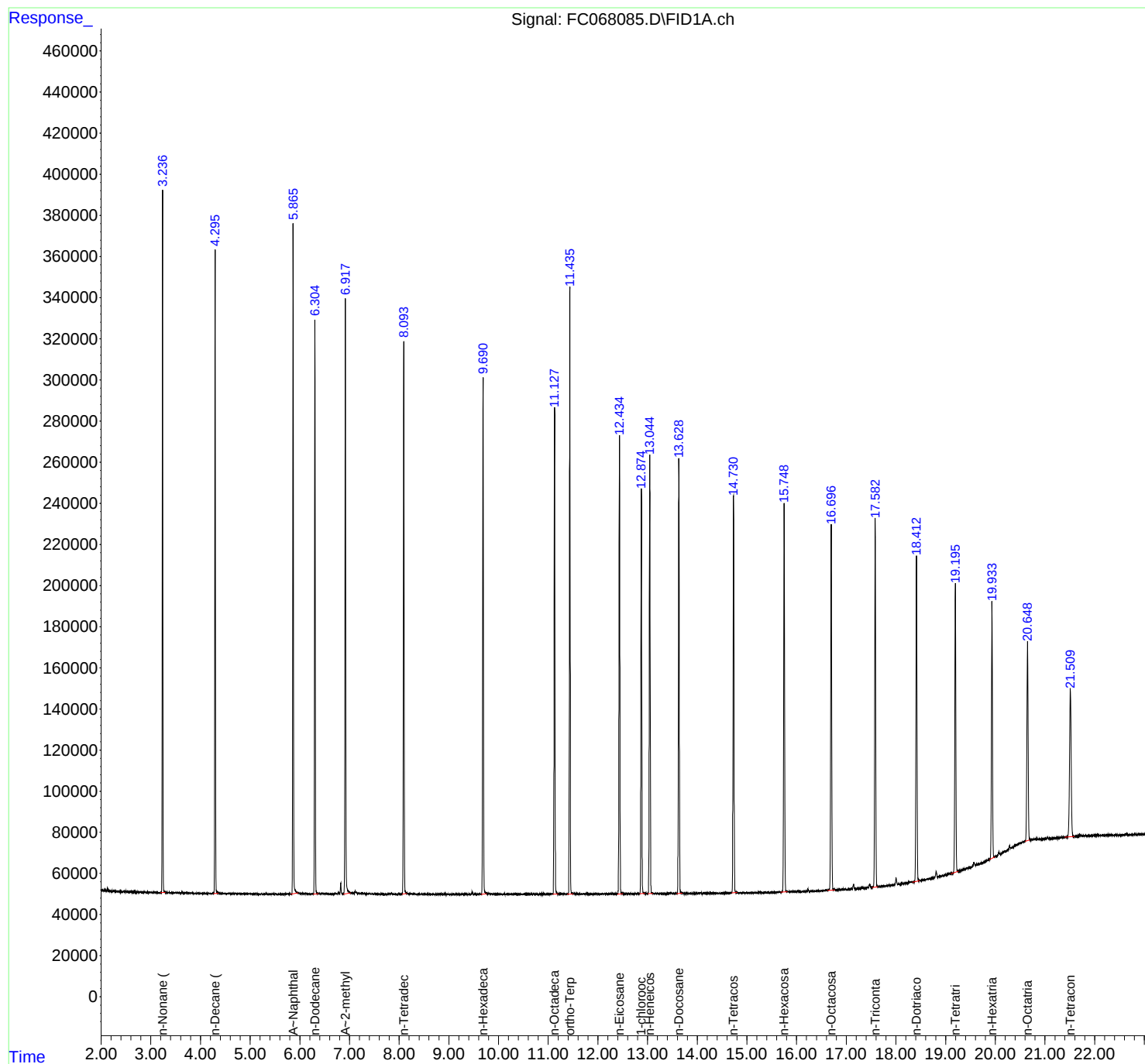
(m)=manual int.

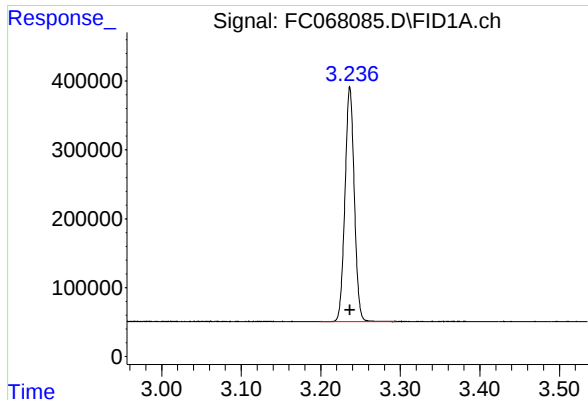
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC123124AL\  
Data File : FC068085.D  
Signal(s) : FID1A.ch  
Acq On : 31 Dec 2024 12:13  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 123124.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 31 12:18:53 2024  
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)

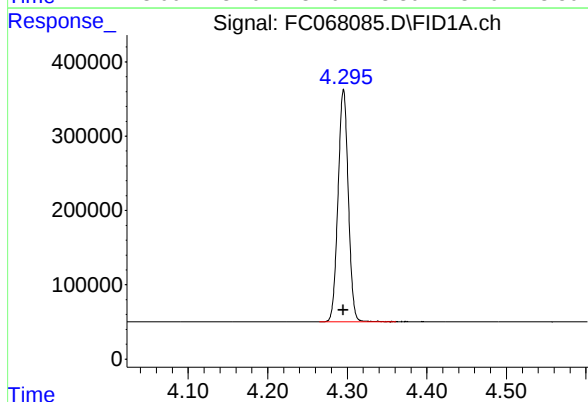
R.T.: 3.237 min  
Delta R.T.: 0.000 min  
Response: 2770736  
Conc: 20.20 ug/ml

Instrument :

FID\_C

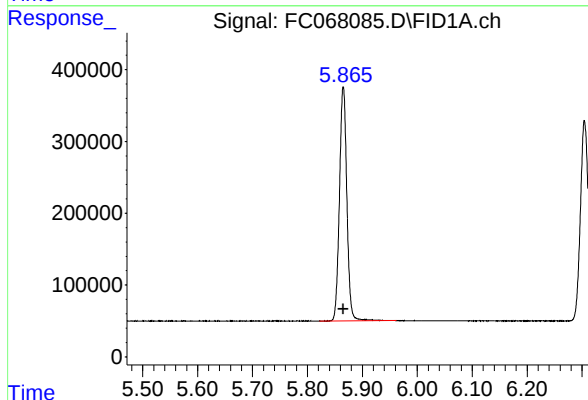
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



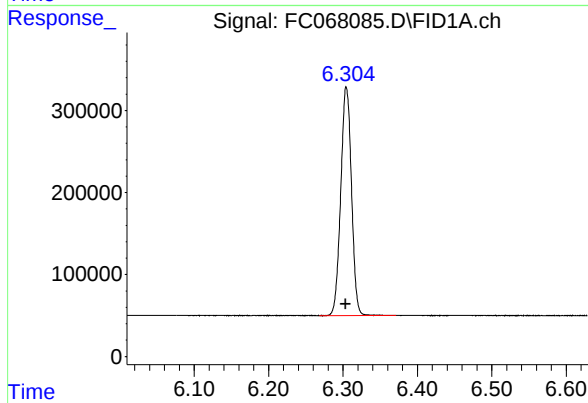
#2 n-Decane (C10)

R.T.: 4.295 min  
Delta R.T.: 0.000 min  
Response: 2797397  
Conc: 20.24 ug/ml



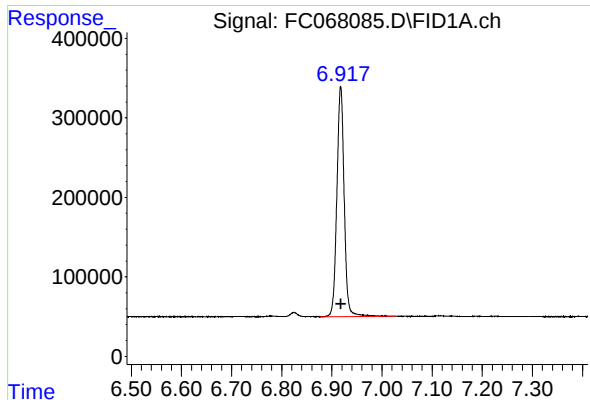
#3 A~Naphthalene (C11.7)

R.T.: 5.865 min  
Delta R.T.: 0.000 min  
Response: 3055082  
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.305 min  
Delta R.T.: 0.001 min  
Response: 2797231  
Conc: 20.23 ug/ml



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

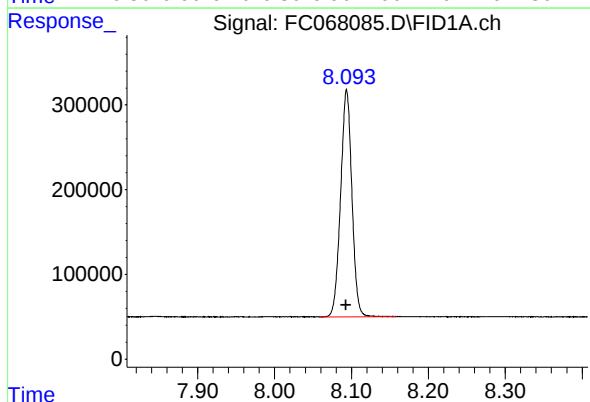
R.T.: 6.918 min  
Delta R.T.: 0.000 min  
Response: 2935177  
Conc: 20.34 ug/ml

Instrument :

FID\_C

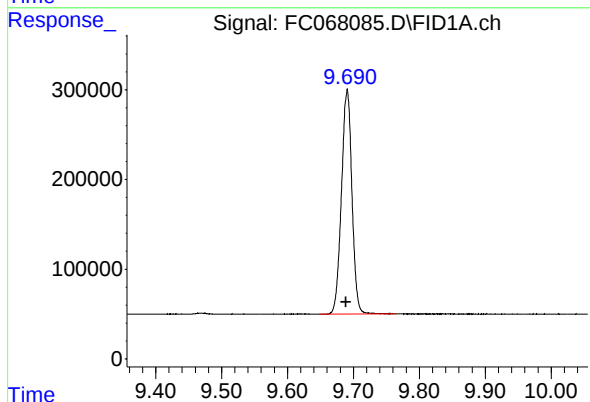
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



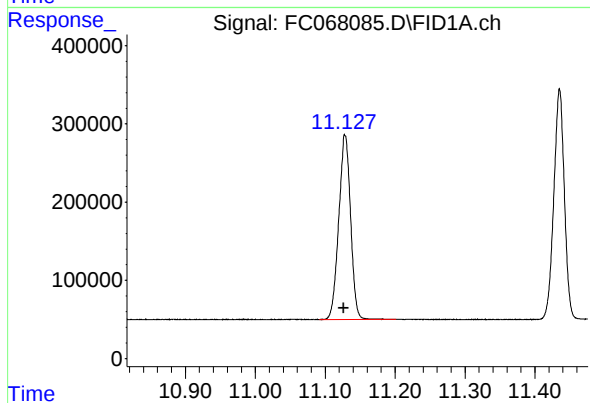
#6 n-Tetradecane (C14)

R.T.: 8.094 min  
Delta R.T.: 0.001 min  
Response: 2725109  
Conc: 20.16 ug/ml



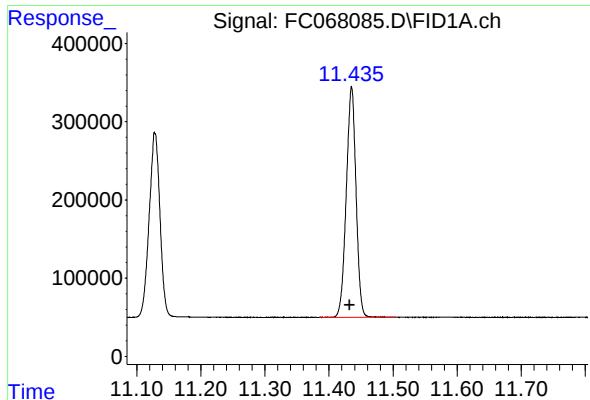
#7 n-Hexadecane (C16)

R.T.: 9.690 min  
Delta R.T.: 0.002 min  
Response: 2769026  
Conc: 20.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.129 min  
Delta R.T.: 0.002 min  
Response: 2772188  
Conc: 20.14 ug/ml



#9 ortho-Terphenyl (SURR)

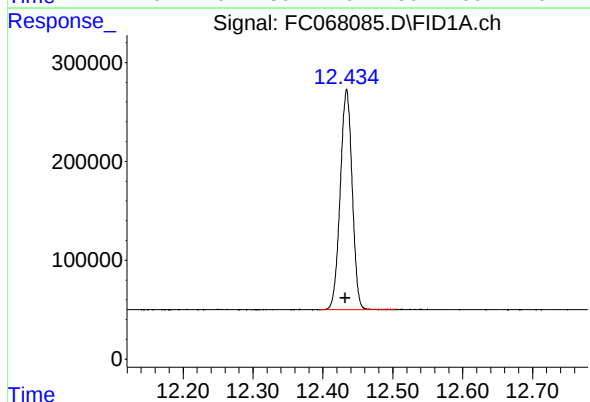
R.T.: 11.435 min  
Delta R.T.: 0.003 min  
Response: 3096242  
Conc: 20.13 ug/ml

Instrument :

FID\_C

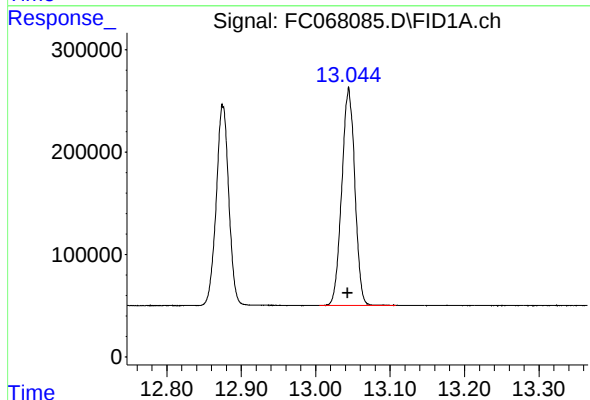
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



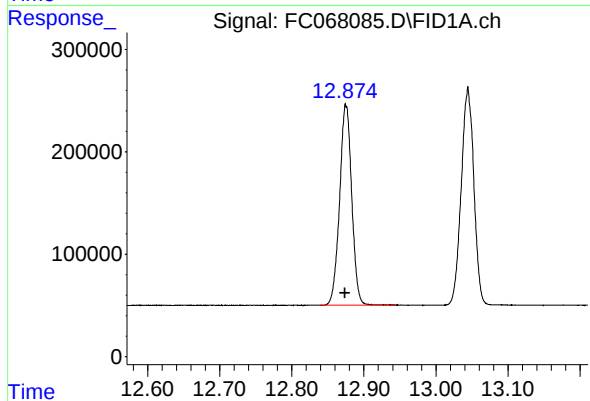
#10 n-Eicosane (C20)

R.T.: 12.434 min  
Delta R.T.: 0.002 min  
Response: 2642629  
Conc: 20.14 ug/ml



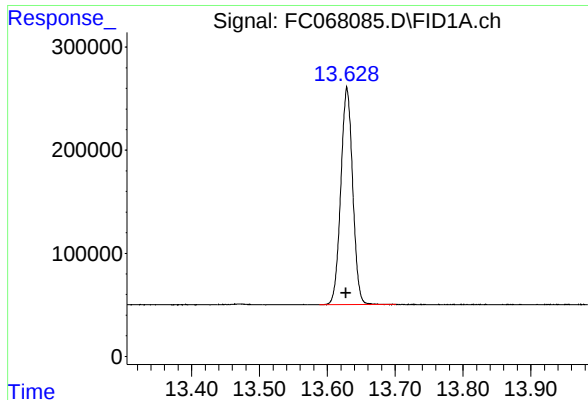
#11 n-Heneicosane (C21)

R.T.: 13.044 min  
Delta R.T.: 0.002 min  
Response: 2588381  
Conc: 20.14 ug/ml



#12 1-chlorooctadecane (SURR)

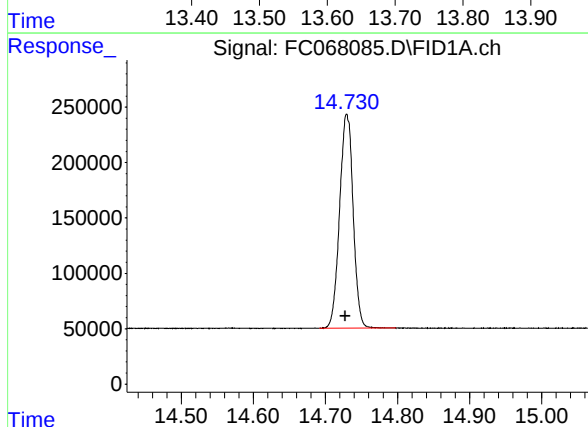
R.T.: 12.875 min  
Delta R.T.: 0.002 min  
Response: 2291606  
Conc: 20.19 ug/ml



#13 n-Docosane (C22)

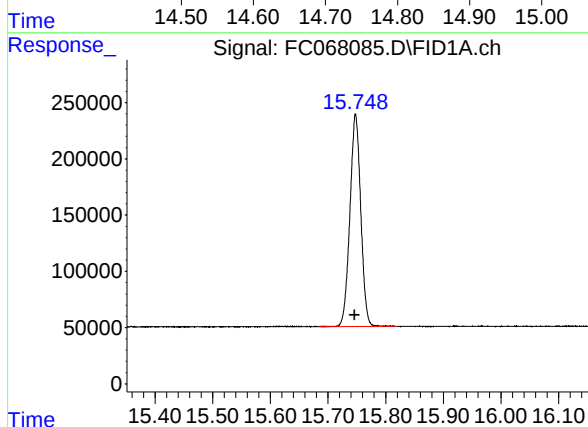
R.T.: 13.629 min  
Delta R.T.: 0.001 min  
Response: 2560810  
Conc: 20.19 ug/ml

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



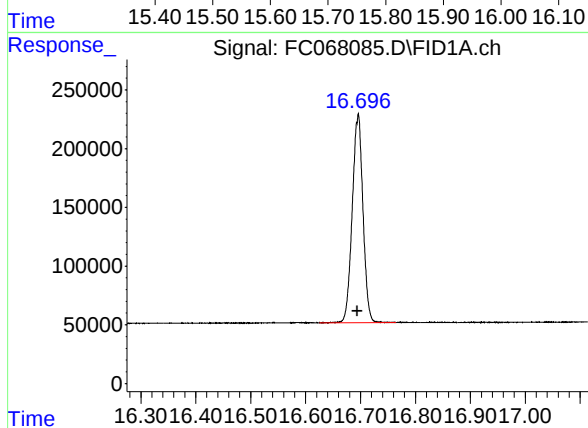
#14 n-Tetracosane (C24)

R.T.: 14.730 min  
Delta R.T.: 0.002 min  
Response: 2524866  
Conc: 20.22 ug/ml



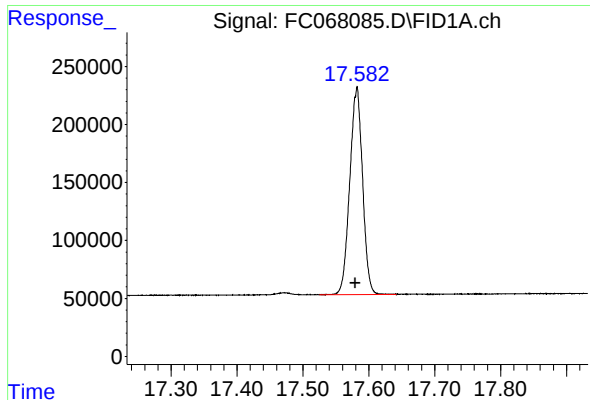
#15 n-Hexacosane (C26)

R.T.: 15.748 min  
Delta R.T.: 0.002 min  
Response: 2469194  
Conc: 20.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.695 min  
Delta R.T.: 0.001 min  
Response: 2407802  
Conc: 20.26 ug/ml



#17 n-Tricontane (C30)

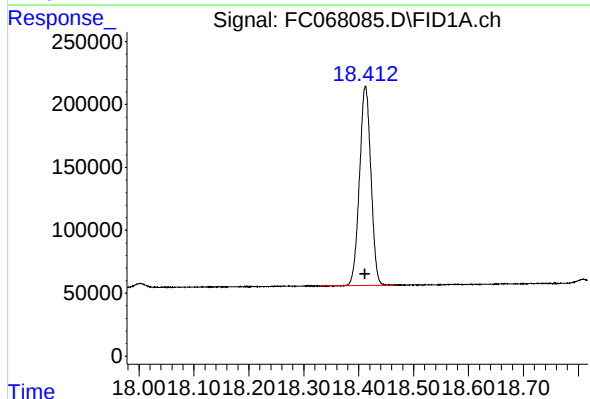
R.T.: 17.581 min  
Delta R.T.: 0.002 min  
Response: 2409391  
Conc: 20.19 ug/ml

Instrument :

FID\_C

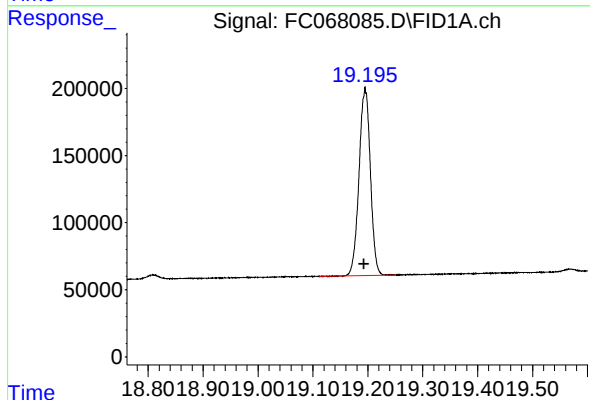
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



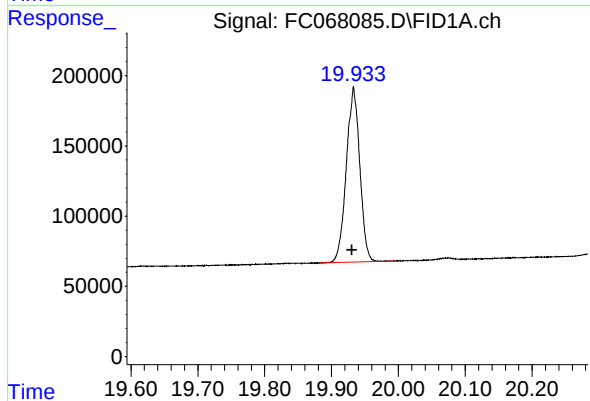
#18 n-Dotriacontane (C32)

R.T.: 18.412 min  
Delta R.T.: 0.001 min  
Response: 2285661  
Conc: 20.09 ug/ml



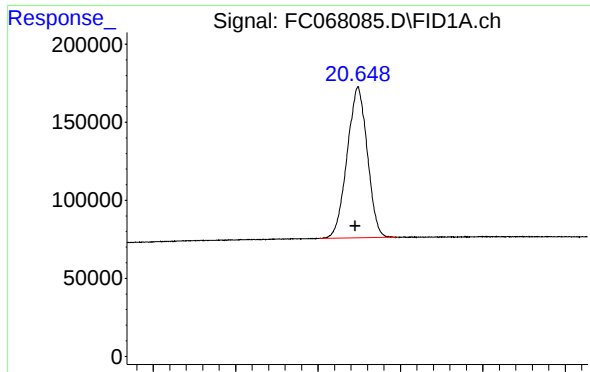
#19 n-Tetratriacontane (C34)

R.T.: 19.195 min  
Delta R.T.: 0.002 min  
Response: 2003623  
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

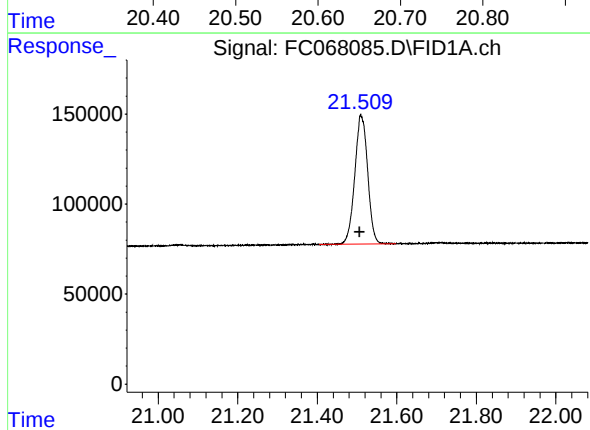
R.T.: 19.933 min  
Delta R.T.: 0.002 min  
Response: 1743461  
Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.648 min  
Delta R.T.: 0.003 min  
Response: 1644615  
Conc: 19.91 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.510 min  
Delta R.T.: 0.003 min  
Response: 1610007  
Conc: 20.01 ug/ml