

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG041725AL\  
 Data File : FG015688.D  
 Signal(s) : FID1A.ch  
 Acq On : 17 Apr 2025 13:44  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 17 14:12:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 17 12:40:13 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)    | 11.902 | 2892540    | 19.952 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.90%       |
| 12) S 1-chlorooctadecane (S... | 13.347 | 2128066    | 20.124 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.25%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.250  | 2232293    | 19.976 ug/ml |
| 2) T n-Decane (C10)            | 4.509  | 2250297    | 20.068 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.221  | 2360851    | 20.349 ug/ml |
| 4) T n-Dodecane (C12)          | 6.689  | 2299332    | 20.110 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.323  | 2277797    | 20.460 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.524  | 2298959    | 20.174 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.138 | 2350877    | 20.105 ug/ml |
| 8) T n-Octadecane (C18)        | 11.586 | 2397139    | 20.040 ug/ml |
| 10) T n-Eicosane (C20)         | 12.900 | 2385207    | 20.044 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.514 | 2365250    | 19.997 ug/ml |
| 13) T n-Docosane (C22)         | 14.102 | 2358429    | 20.224 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.210 | 2369090    | 20.557 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.234 | 2307730    | 20.665 ug/ml |
| 16) T n-Octacosane (C28)       | 17.185 | 2254561    | 20.716 ug/ml |
| 17) T n-Tricontane (C30)       | 18.074 | 2230468    | 20.478 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.908 | 2186387    | 20.323 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.693 | 2014185    | 19.768 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.436 | 1876244    | 19.181 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.177 | 1671928    | 18.317 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.095 | 1466564    | 17.365 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

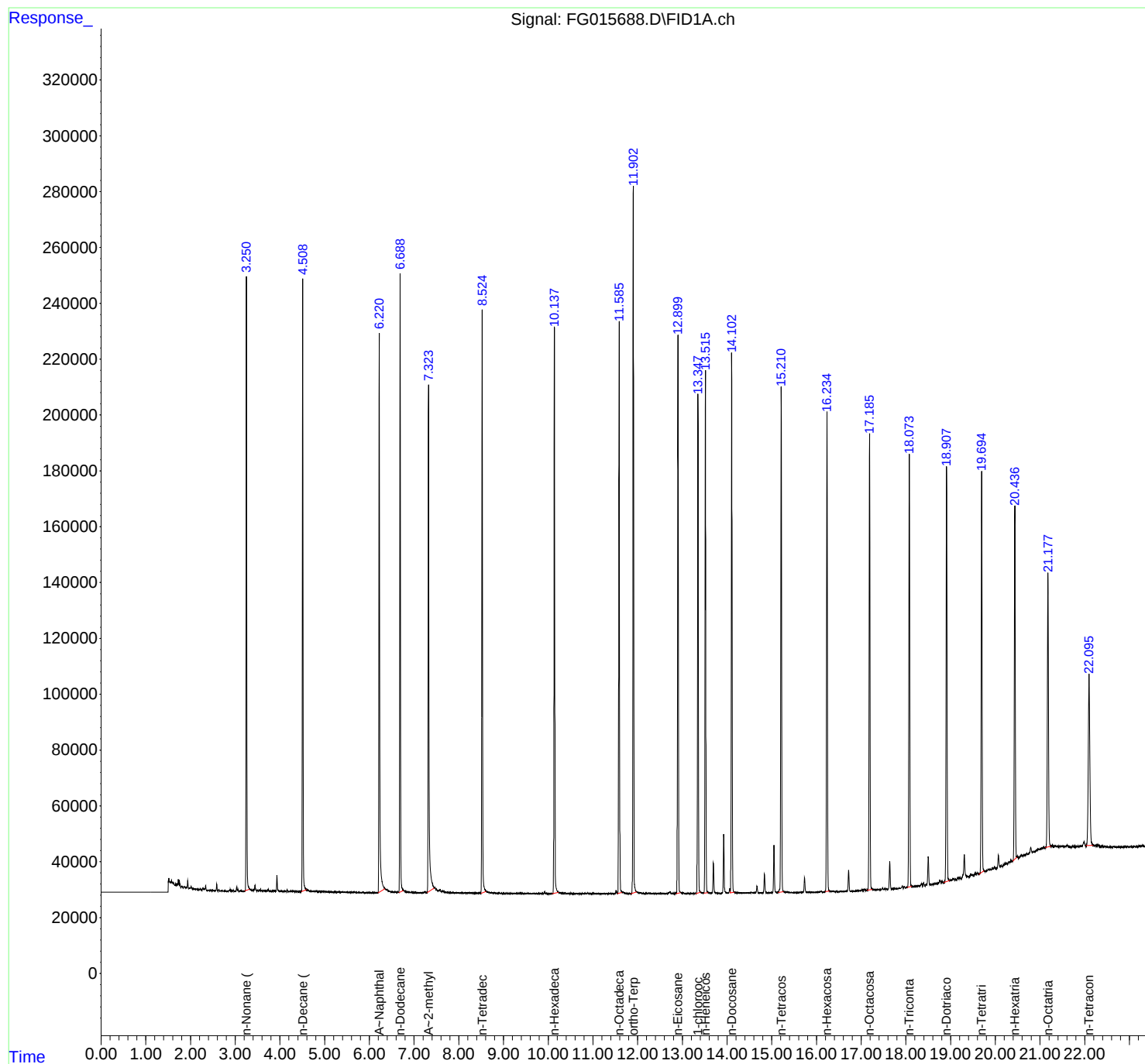
(m)=manual int.

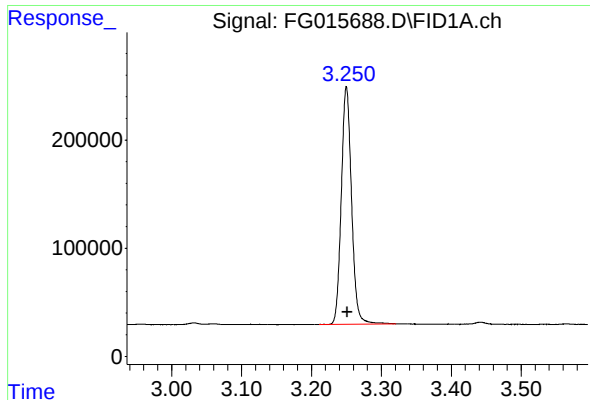
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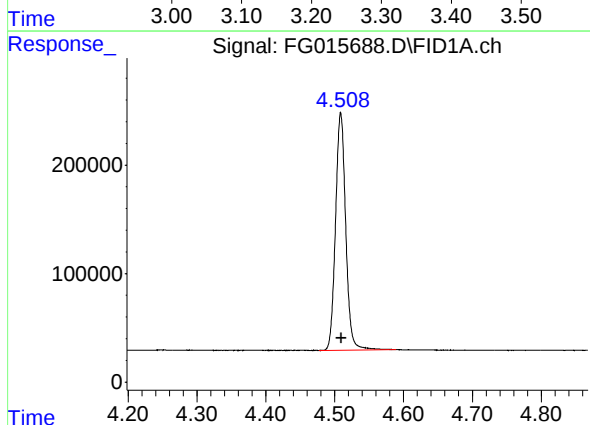




#1 n-Nonane (C9)

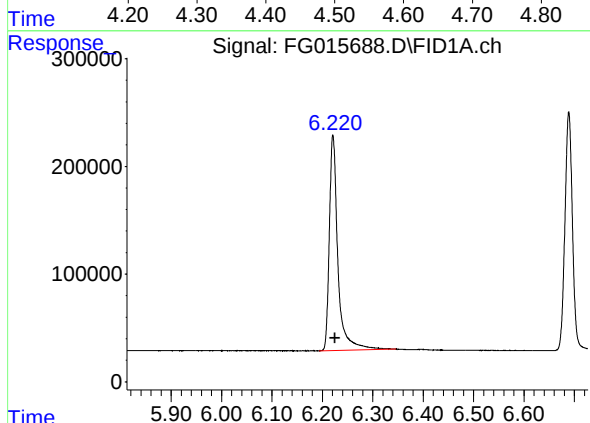
R.T.: 3.250 min  
Delta R.T.: 0.000 min  
Response: 2232293  
Conc: 19.98 ug/ml

Instrument :  
FID\_G  
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20 PPM ALIPHATIC HC STD



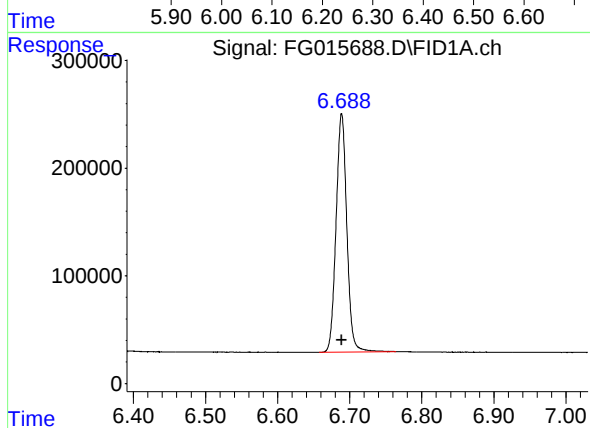
#2 n-Decane (C10)

R.T.: 4.509 min  
Delta R.T.: 0.000 min  
Response: 2250297  
Conc: 20.07 ug/ml



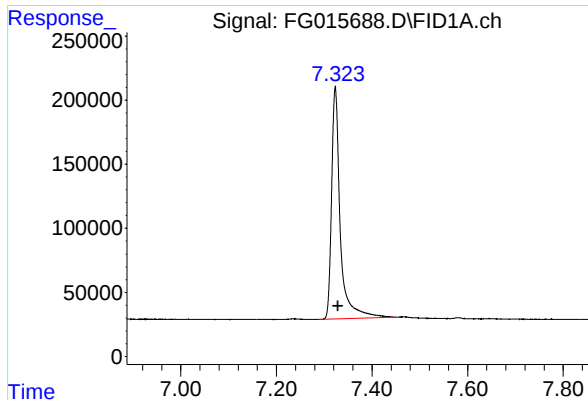
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min  
Delta R.T.: -0.004 min  
Response: 2360851  
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

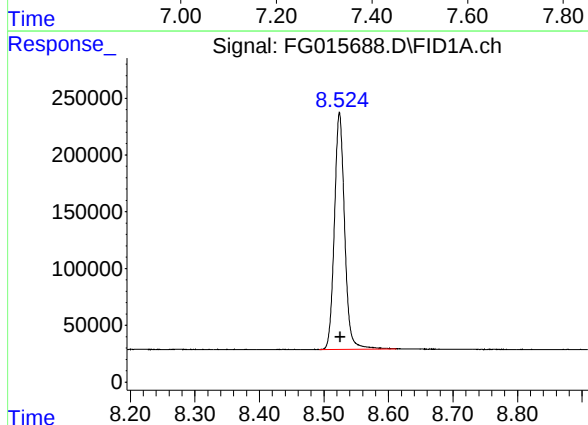
R.T.: 6.689 min  
Delta R.T.: 0.000 min  
Response: 2299332  
Conc: 20.11 ug/ml



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

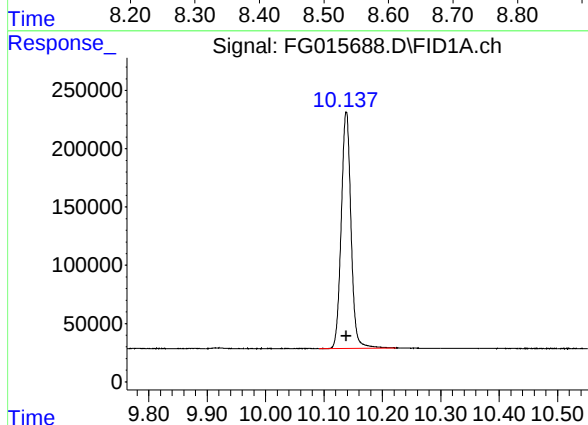
R.T.: 7.323 min  
Delta R.T.: -0.005 min  
Response: 2277797  
Conc: 20.46 ug/ml

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



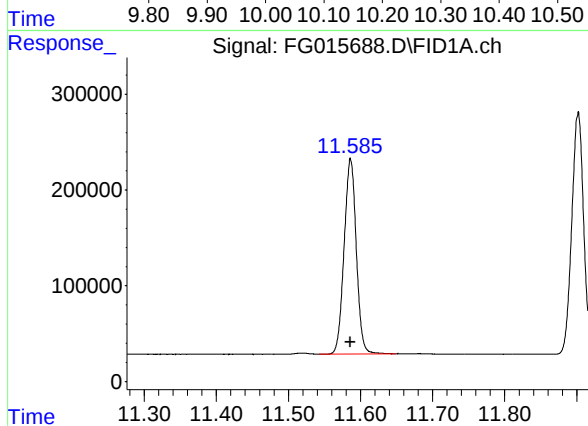
#6 n-Tetradecane (C14)

R.T.: 8.524 min  
Delta R.T.: 0.000 min  
Response: 2298959  
Conc: 20.17 ug/ml



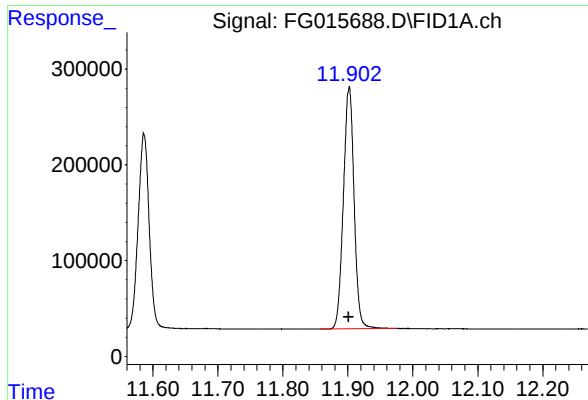
#7 n-Hexadecane (C16)

R.T.: 10.138 min  
Delta R.T.: 0.000 min  
Response: 2350877  
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

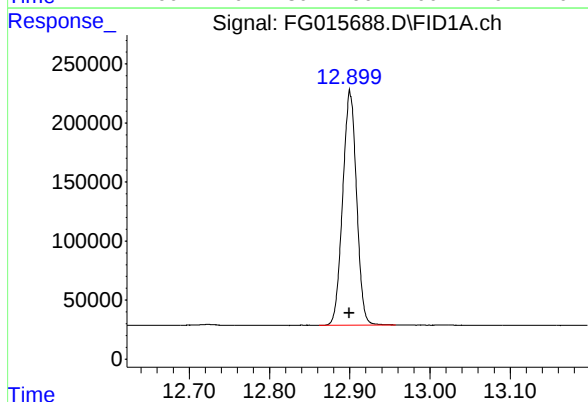
R.T.: 11.586 min  
Delta R.T.: 0.000 min  
Response: 2397139  
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

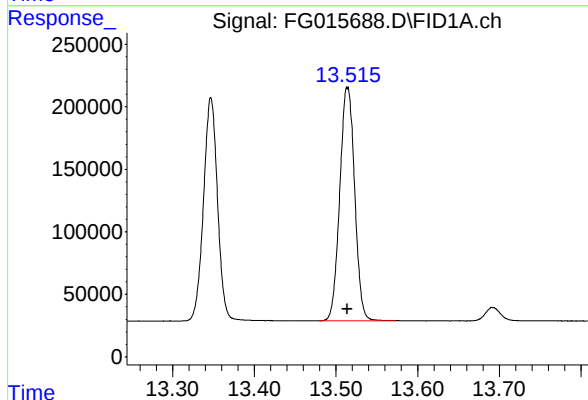
R.T.: 11.902 min  
Delta R.T.: 0.001 min  
Response: 2892540  
Conc: 19.95 ug/ml

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



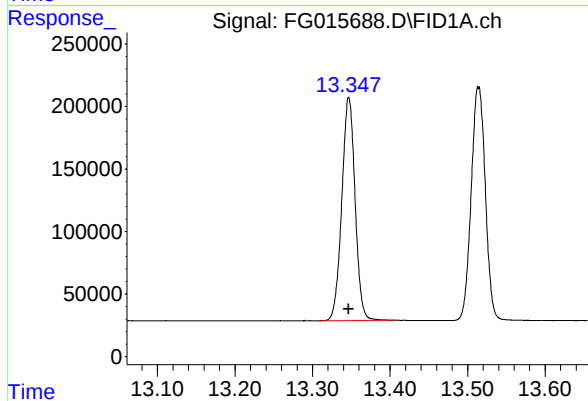
#10 n-Eicosane (C20)

R.T.: 12.900 min  
Delta R.T.: 0.000 min  
Response: 2385207  
Conc: 20.04 ug/ml



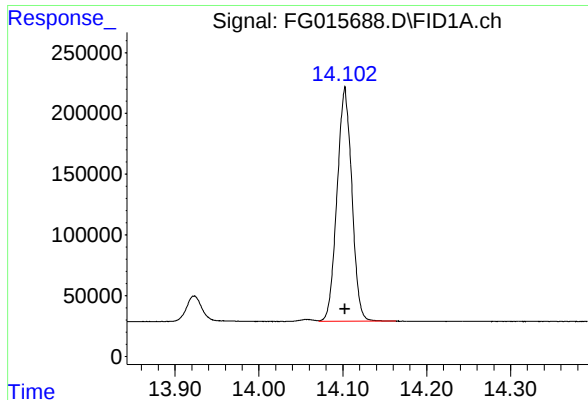
#11 n-Heneicosane (C21)

R.T.: 13.514 min  
Delta R.T.: 0.000 min  
Response: 2365250  
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

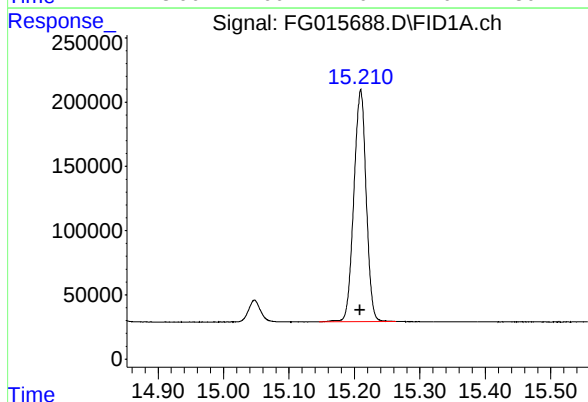
R.T.: 13.347 min  
Delta R.T.: 0.000 min  
Response: 2128066  
Conc: 20.12 ug/ml



#13 n-Docosane (C22)

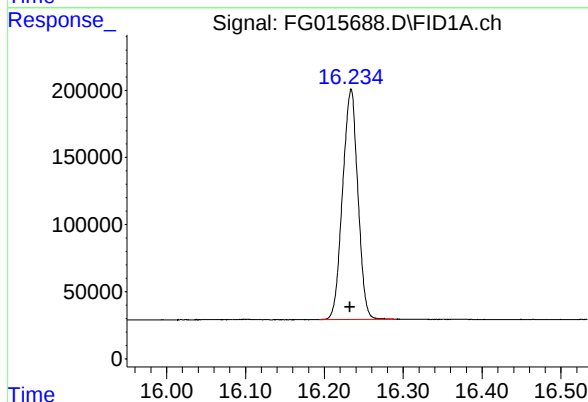
R.T.: 14.102 min  
Delta R.T.: 0.000 min  
Response: 2358429  
Conc: 20.22 ug/ml

Instrument :  
FID\_G  
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20 PPM ALIPHATIC HC STD



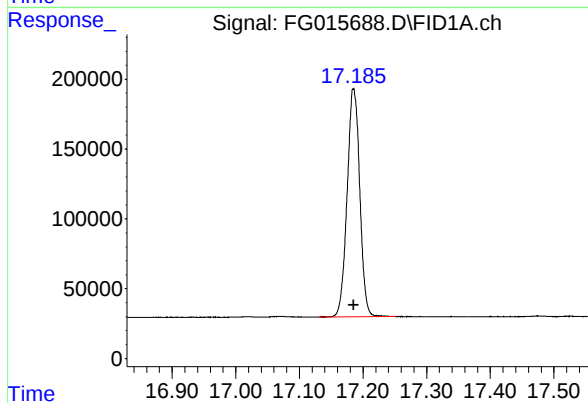
#14 n-Tetracosane (C24)

R.T.: 15.210 min  
Delta R.T.: 0.000 min  
Response: 2369090  
Conc: 20.56 ug/ml



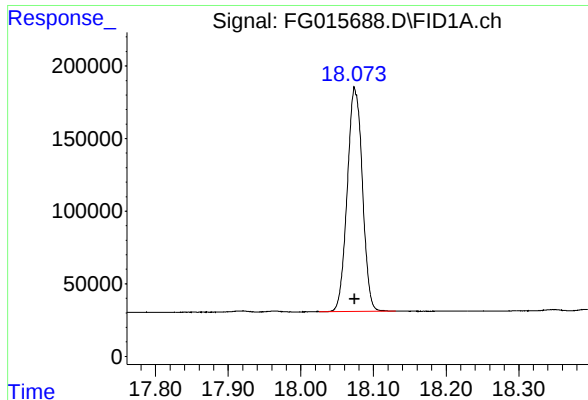
#15 n-Hexacosane (C26)

R.T.: 16.234 min  
Delta R.T.: 0.001 min  
Response: 2307730  
Conc: 20.67 ug/ml



#16 n-Octacosane (C28)

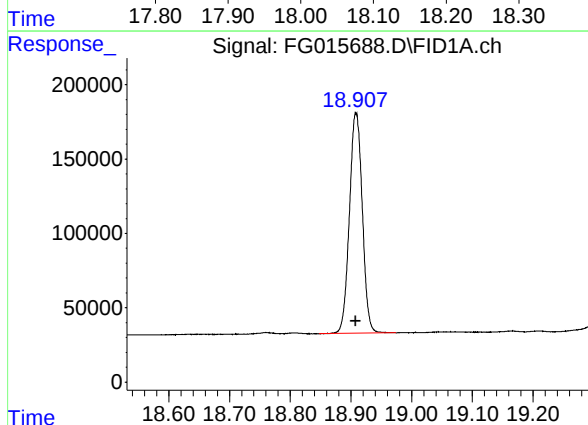
R.T.: 17.185 min  
Delta R.T.: 0.000 min  
Response: 2254561  
Conc: 20.72 ug/ml



#17 n-Tricontane (C30)

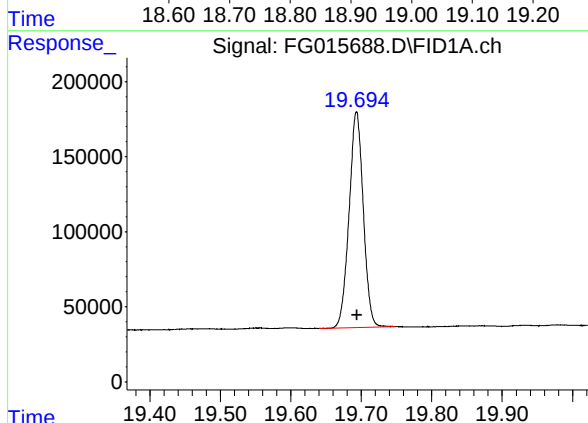
R.T.: 18.074 min  
Delta R.T.: 0.000 min  
Response: 2230468  
Conc: 20.48 ug/ml

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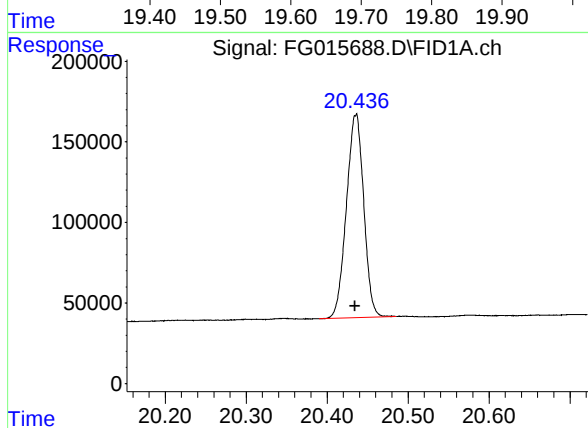
#18 n-Dotriacontane (C32)

R.T.: 18.908 min  
Delta R.T.: 0.000 min  
Response: 2186387  
Conc: 20.32 ug/ml



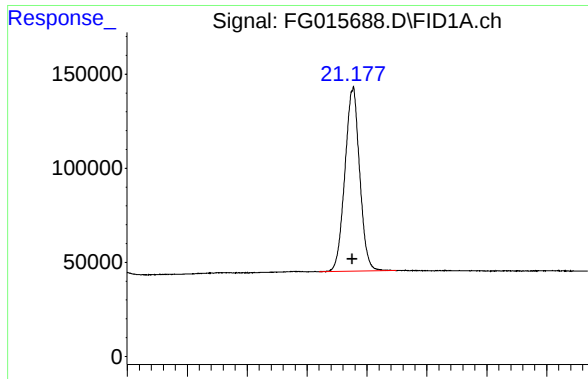
#19 n-Tetatriacontane (C34)

R.T.: 19.693 min  
Delta R.T.: 0.000 min  
Response: 2014185  
Conc: 19.77 ug/ml



#20 n-Hexatriacontane (C36)

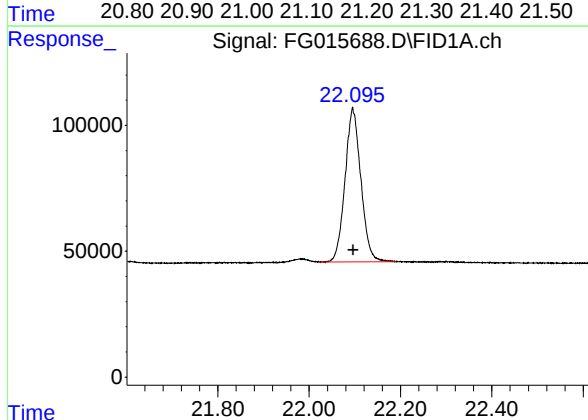
R.T.: 20.436 min  
Delta R.T.: 0.001 min  
Response: 1876244  
Conc: 19.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min  
Delta R.T.: 0.001 min  
Response: 1671928  
Conc: 18.32 ug/ml

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FID\_G  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.095 min  
Delta R.T.: -0.002 min  
Response: 1466564  
Conc: 17.37 ug/ml