

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC012925AL\  
 Data File : FC068150.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Jan 2025 12:23  
 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: Jan 30 01:30:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 012425.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 25 04:31:18 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)    | 11.424 | 2971385    | 19.015 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.03%       |
| 12) S 1-chlorooctadecane (S... | 12.864 | 2196112    | 19.096 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.19%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.230  | 2630210    | 19.208 ug/ml |
| 2) T n-Decane (C10)            | 4.288  | 2698077    | 19.434 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.856  | 2917916    | 19.436 ug/ml |
| 4) T n-Dodecane (C12)          | 6.296  | 2700753    | 19.333 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.908  | 2804567    | 19.526 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.084  | 2629164    | 19.264 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.681  | 2669921    | 19.215 ug/ml |
| 8) T n-Octadecane (C18)        | 11.118 | 2678116    | 19.141 ug/ml |
| 10) T n-Eicosane (C20)         | 12.423 | 2552696    | 19.078 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.034 | 2497458    | 19.015 ug/ml |
| 13) T n-Docosane (C22)         | 13.619 | 2494193    | 19.255 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.719 | 2483831    | 19.347 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.738 | 2464542    | 19.585 ug/ml |
| 16) T n-Octacosane (C28)       | 16.686 | 2570716    | 20.554 ug/ml |
| 17) T n-Tricontane (C30)       | 17.572 | 2848083    | 22.035 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.403 | 2850094    | 22.799 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.185 | 2448610    | 22.573 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.923 | 2016307    | 21.788 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.636 | 1815051    | 21.182 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.499 | 1704464    | 21.079 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

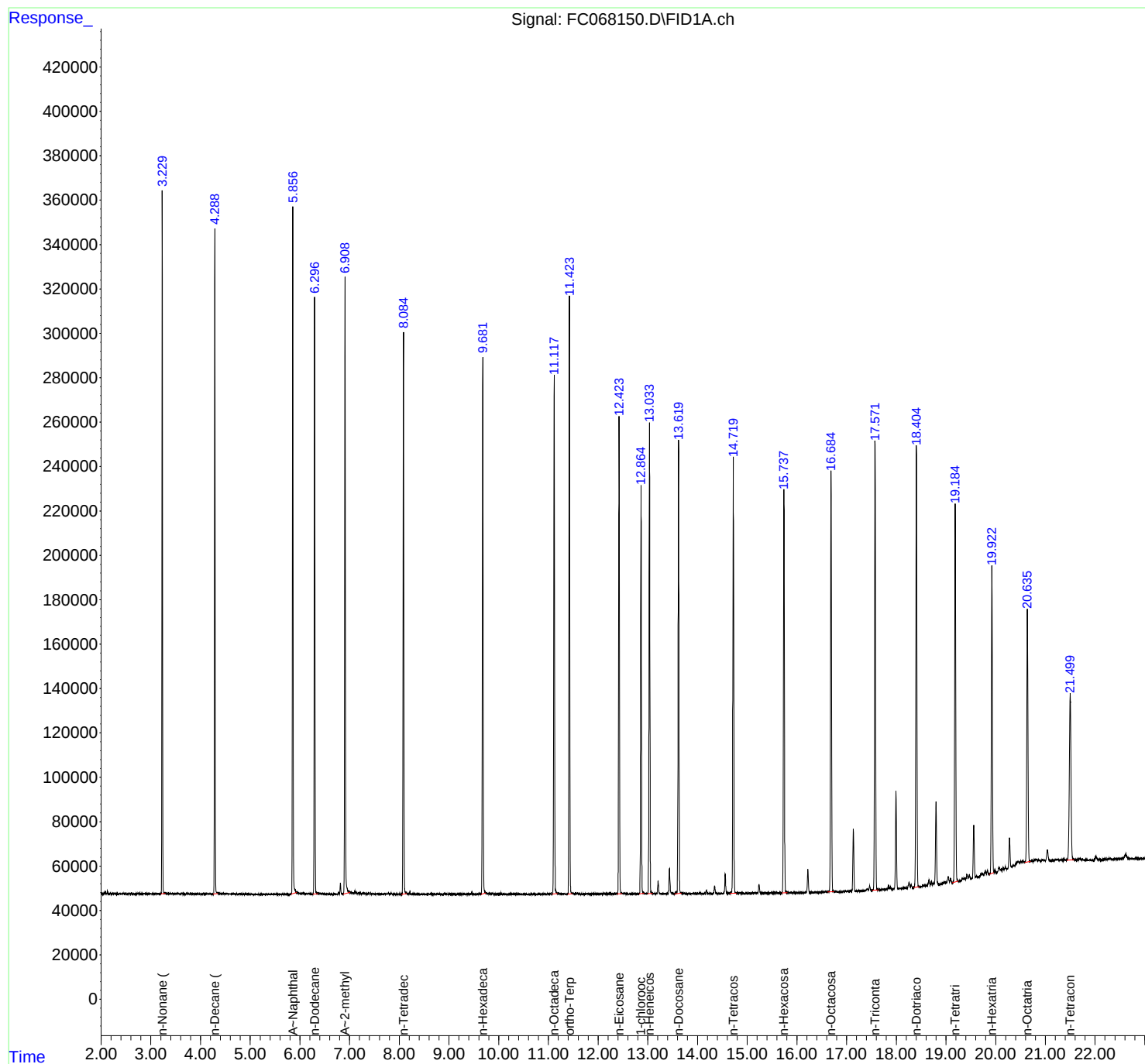
(m)=manual int.

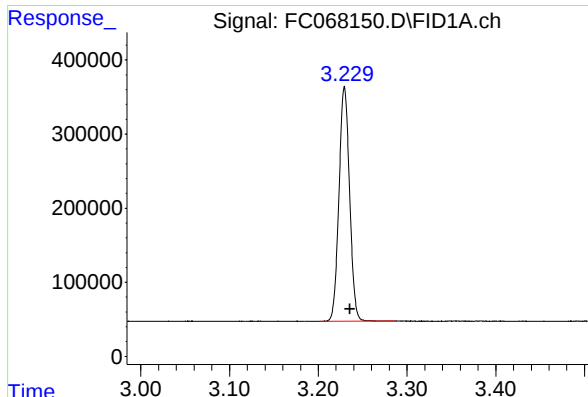
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC012925AL\  
Data File : FC068150.D  
Signal(s) : FID1A.ch  
Acq On : 29 Jan 2025 12:23  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : GC Extractables  
QLast Update : Sat Jan 25 04:31:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

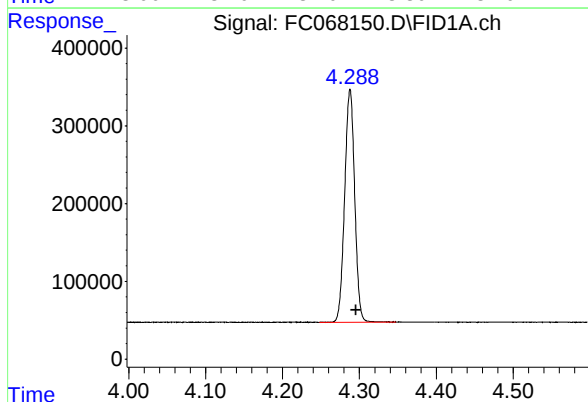




#1 n-Nonane (C9)

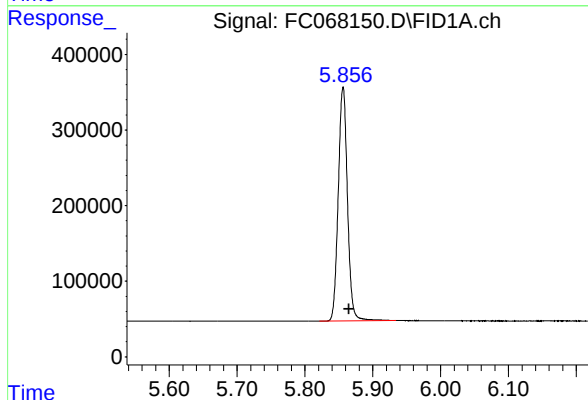
R.T.: 3.230 min  
Delta R.T.: -0.006 min  
Response: 2630210  
Conc: 19.21 ug/ml

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



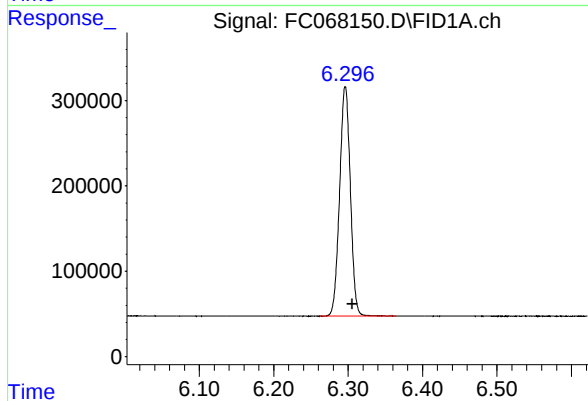
#2 n-Decane (C10)

R.T.: 4.288 min  
Delta R.T.: -0.008 min  
Response: 2698077  
Conc: 19.43 ug/ml



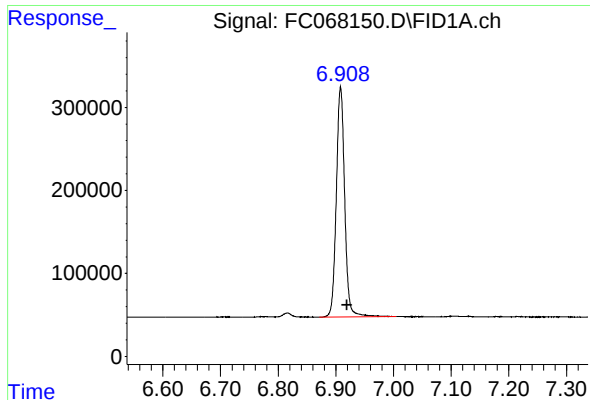
#3 A~Naphthalene (C11.7)

R.T.: 5.856 min  
Delta R.T.: -0.009 min  
Response: 2917916  
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

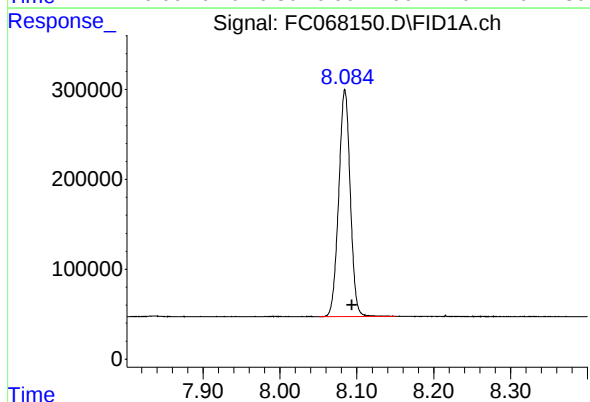
R.T.: 6.296 min  
Delta R.T.: -0.009 min  
Response: 2700753  
Conc: 19.33 ug/ml



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

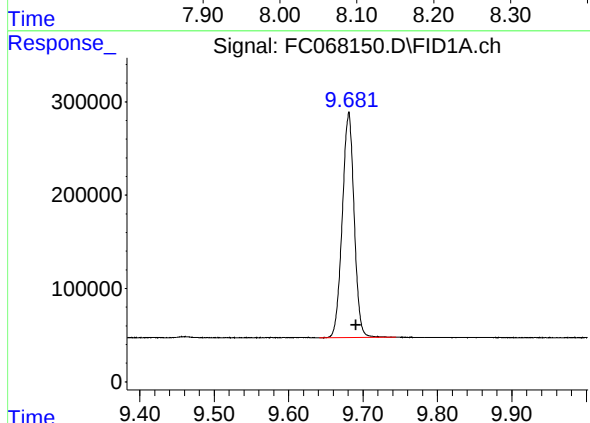
R.T.: 6.908 min  
Delta R.T.: -0.011 min  
Response: 2804567  
Conc: 19.53 ug/ml

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



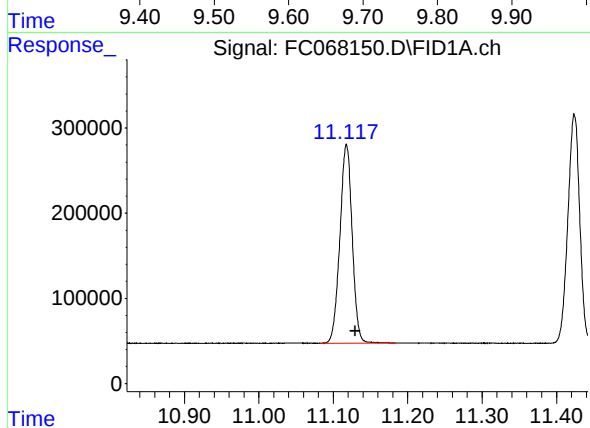
#6 n-Tetradecane (C14)

R.T.: 8.084 min  
Delta R.T.: -0.009 min  
Response: 2629164  
Conc: 19.26 ug/ml



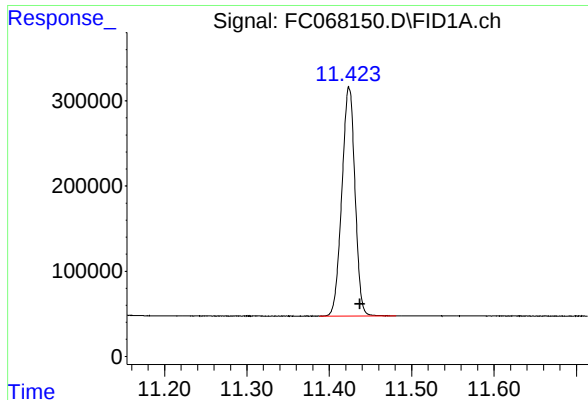
#7 n-Hexadecane (C16)

R.T.: 9.681 min  
Delta R.T.: -0.010 min  
Response: 2669921  
Conc: 19.22 ug/ml



#8 n-Octadecane (C18)

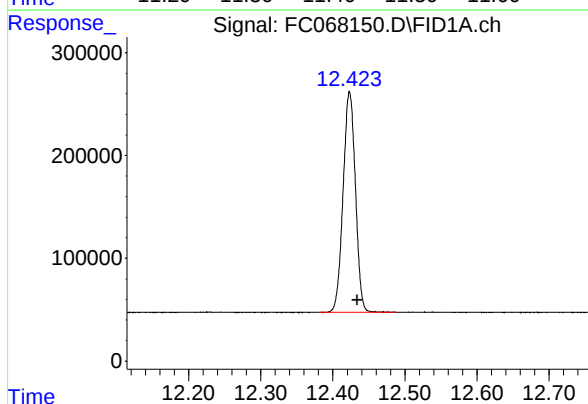
R.T.: 11.118 min  
Delta R.T.: -0.012 min  
Response: 2678116  
Conc: 19.14 ug/ml



#9 ortho-Terphenyl (SURR)

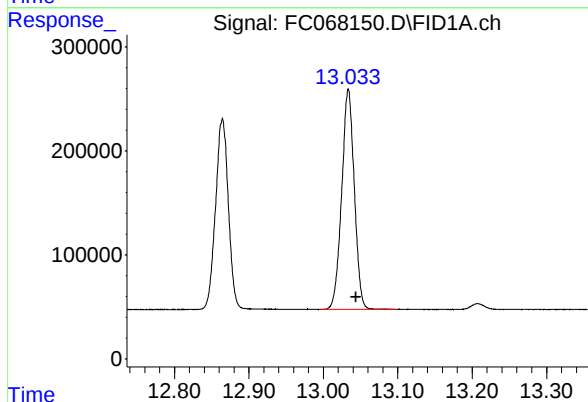
R.T.: 11.424 min  
Delta R.T.: -0.014 min  
Response: 2971385  
Conc: 19.01 ug/ml

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



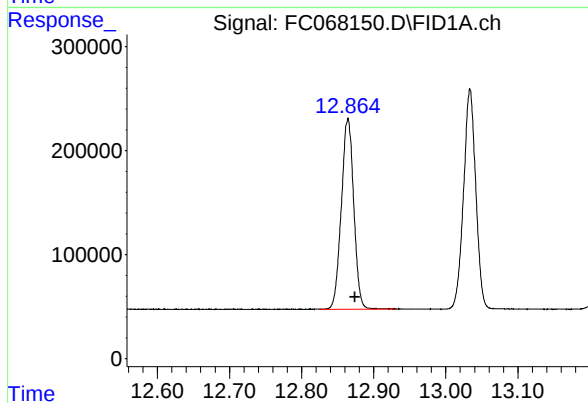
#10 n-Eicosane (C20)

R.T.: 12.423 min  
Delta R.T.: -0.010 min  
Response: 2552696  
Conc: 19.08 ug/ml



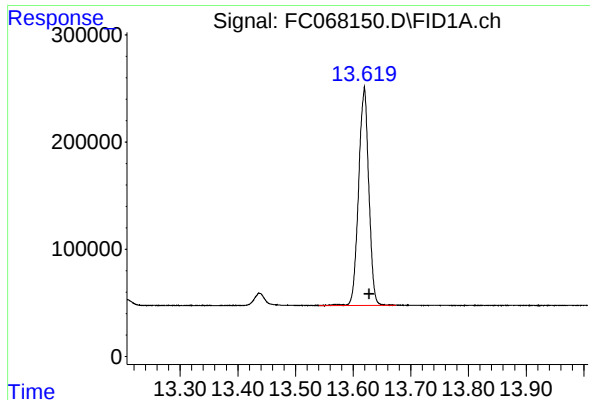
#11 n-Heneicosane (C21)

R.T.: 13.034 min  
Delta R.T.: -0.010 min  
Response: 2497458  
Conc: 19.02 ug/ml



#12 1-chlorooctadecane (SURR)

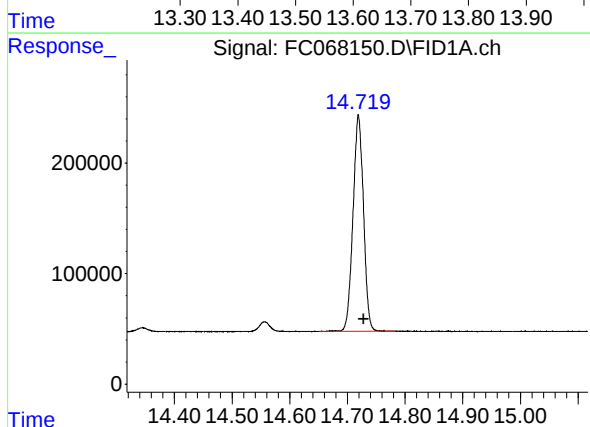
R.T.: 12.864 min  
Delta R.T.: -0.010 min  
Response: 2196112  
Conc: 19.10 ug/ml



#13 n-Docosane (C22)

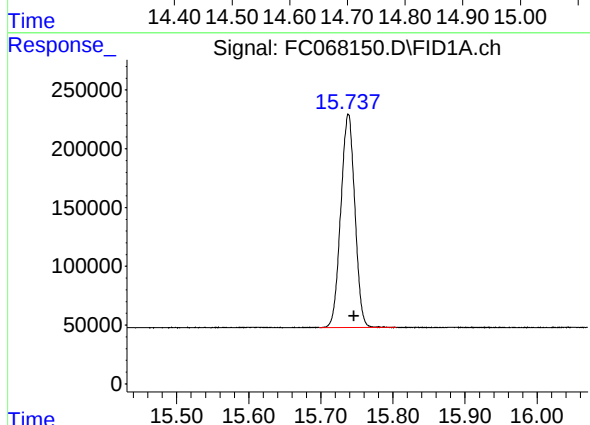
R.T.: 13.619 min  
Delta R.T.: -0.009 min  
Response: 2494193  
Conc: 19.26 ug/ml

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



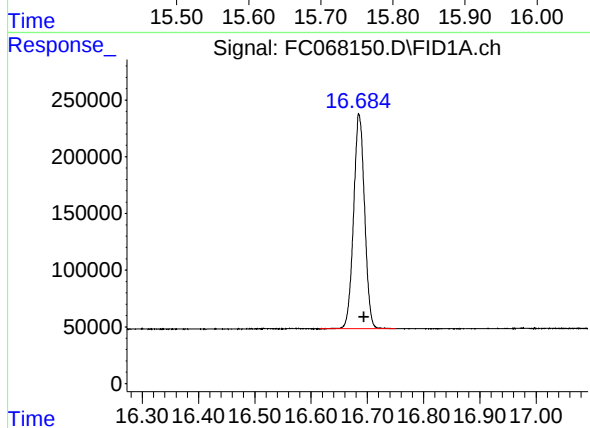
#14 n-Tetracosane (C24)

R.T.: 14.719 min  
Delta R.T.: -0.009 min  
Response: 2483831  
Conc: 19.35 ug/ml



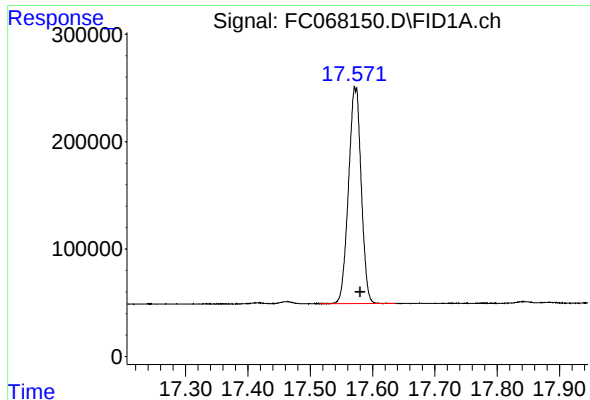
#15 n-Hexacosane (C26)

R.T.: 15.738 min  
Delta R.T.: -0.008 min  
Response: 2464542  
Conc: 19.59 ug/ml



#16 n-Octacosane (C28)

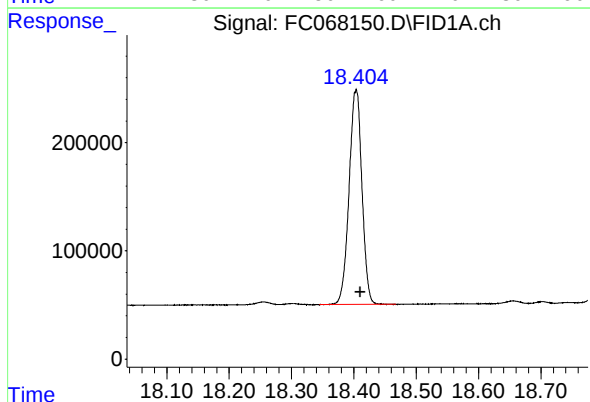
R.T.: 16.686 min  
Delta R.T.: -0.008 min  
Response: 2570716  
Conc: 20.55 ug/ml



#17 n-Tricontane (C30)

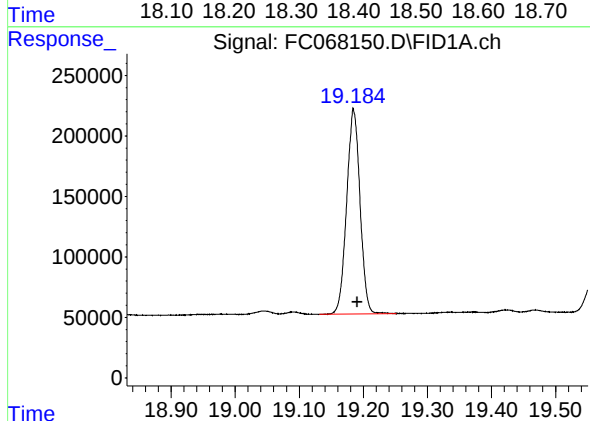
R.T.: 17.572 min  
Delta R.T.: -0.008 min  
Response: 2848083  
Conc: 22.03 ug/ml

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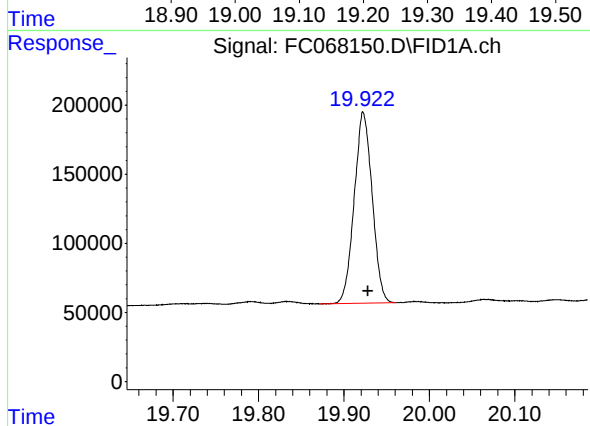
#18 n-Dotriacontane (C32)

R.T.: 18.403 min  
Delta R.T.: -0.007 min  
Response: 2850094  
Conc: 22.80 ug/ml



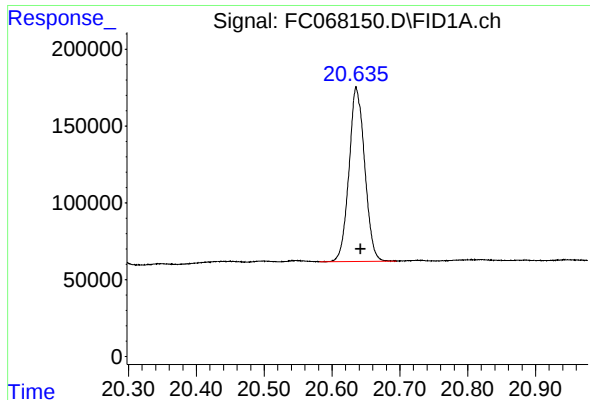
#19 n-Tetatriacontane (C34)

R.T.: 19.185 min  
Delta R.T.: -0.006 min  
Response: 2448610  
Conc: 22.57 ug/ml



#20 n-Hexatriacontane (C36)

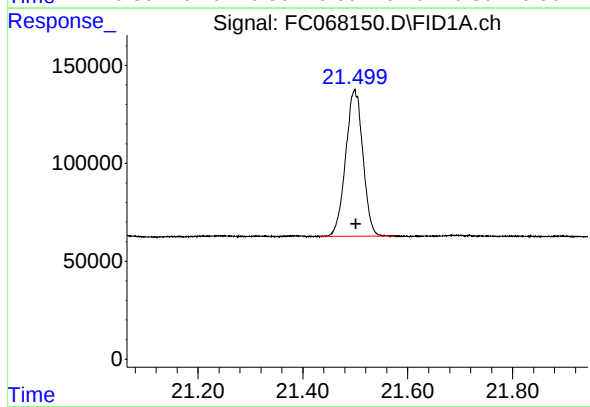
R.T.: 19.923 min  
Delta R.T.: -0.005 min  
Response: 2016307  
Conc: 21.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.636 min  
Delta R.T.: -0.006 min  
Response: 1815051  
Conc: 21.18 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.499 min  
Delta R.T.: -0.002 min  
Response: 1704464  
Conc: 21.08 ug/ml