

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100725AL\  
 Data File : FC069942.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Oct 2025 20:02  
 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: Oct 07 09:37:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 100725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 07 09:35:40 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)    | 11.643 | 3426826    | 19.515 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.03%       |
| 12) S 1-chlorooctadecane (S... | 13.078 | 2637598    | 19.431 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.86%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.384  | 2690163    | 19.591 ug/ml |
| 2) T n-Decane (C10)            | 4.455  | 2807684    | 19.530 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.048  | 3180233    | 19.678 ug/ml |
| 4) T n-Dodecane (C12)          | 6.477  | 2978686    | 19.433 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.106  | 3136946    | 19.661 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.275  | 3069732    | 19.301 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.878  | 3247204    | 19.269 ug/ml |
| 8) T n-Octadecane (C18)        | 11.322 | 3293110    | 19.356 ug/ml |
| 10) T n-Eicosane (C20)         | 12.632 | 3100336    | 19.325 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.245 | 3008707    | 19.377 ug/ml |
| 13) T n-Docosane (C22)         | 13.832 | 2942368    | 19.119 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.936 | 2823498    | 18.621 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.957 | 2666763    | 18.425 ug/ml |
| 16) T n-Octacosane (C28)       | 16.908 | 2509230    | 18.143 ug/ml |
| 17) T n-Tricontane (C30)       | 17.796 | 2433398    | 17.823 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.630 | 2267655    | 17.588 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.413 | 2049192    | 17.960 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.154 | 1789545    | 18.504 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.913 | 1635409    | 18.764 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.863 | 1551501    | 18.883 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

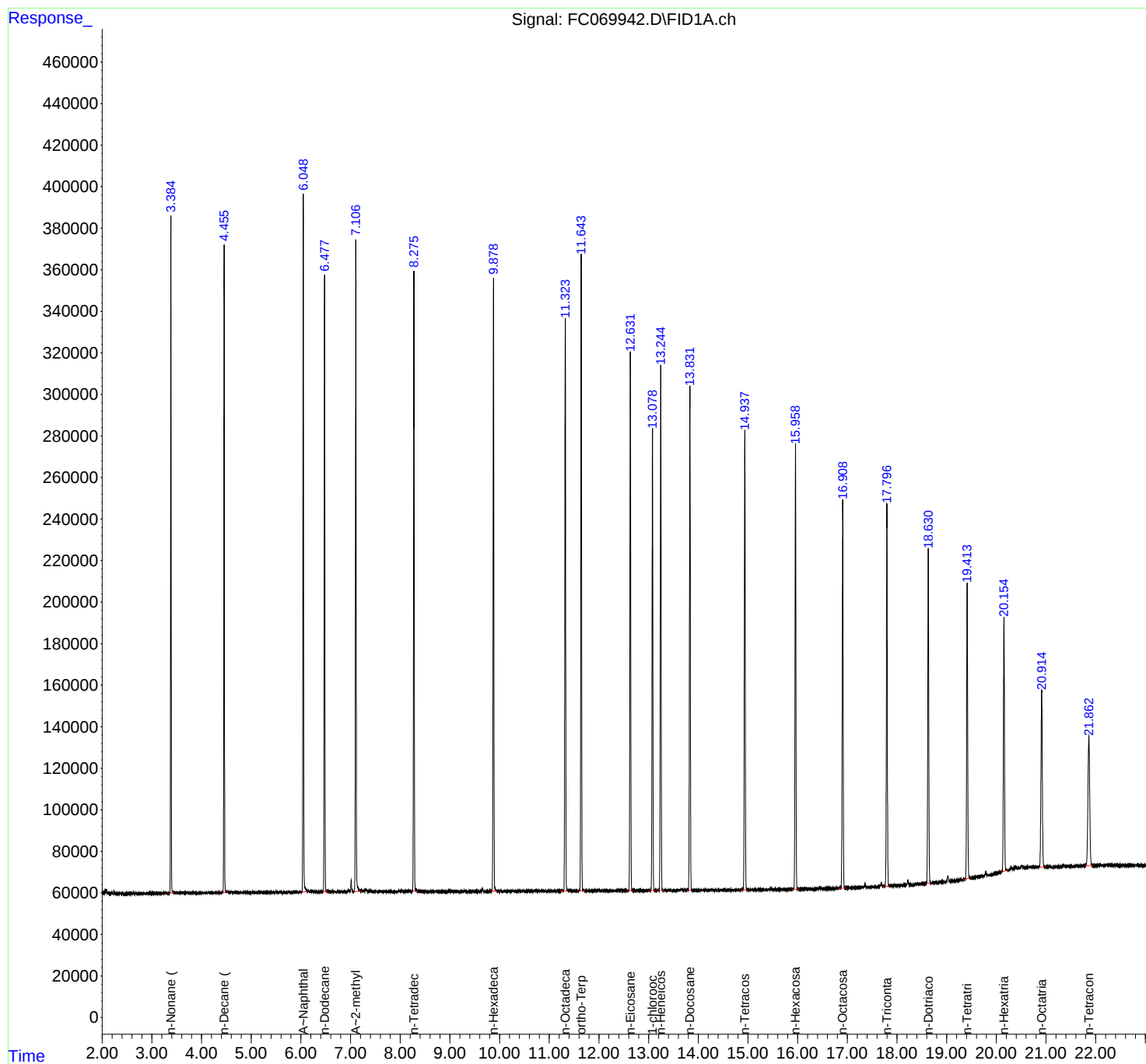
(m)=manual int.

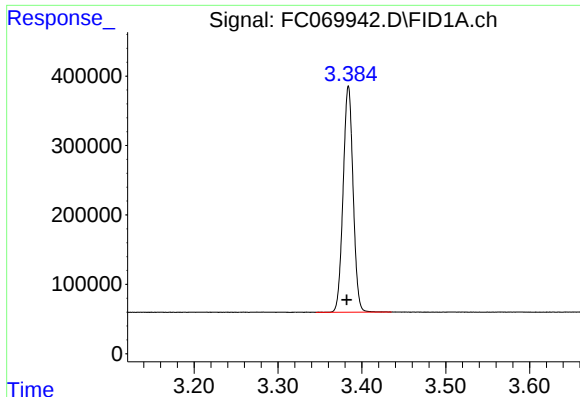
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100725AL\  
Data File : FC069942.D  
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Quant Title : GC Extractables  
QLast Update : Tue Oct 07 09:35:40 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





#1 n-Nonane (C9)

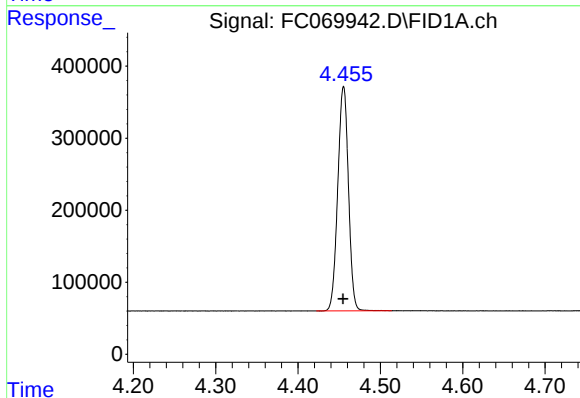
R.T.: 3.384 min  
Delta R.T.: 0.002 min  
Response: 2690163  
Conc: 19.59 ug/ml

Instrument :

FID\_C

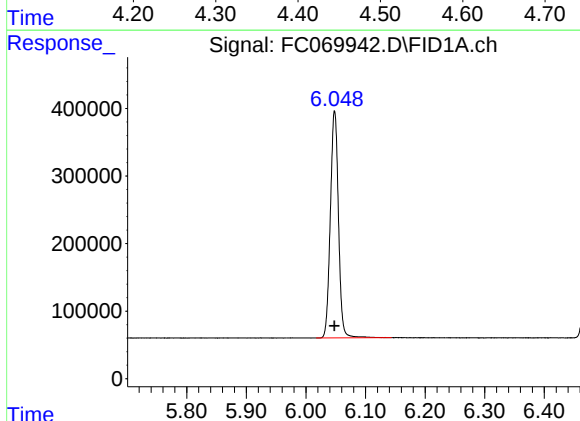
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



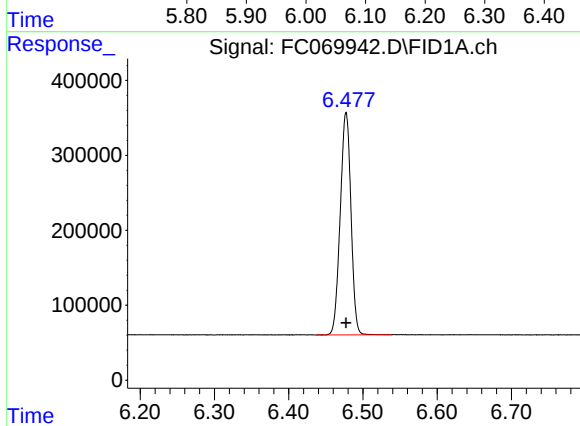
#2 n-Decane (C10)

R.T.: 4.455 min  
Delta R.T.: 0.000 min  
Response: 2807684  
Conc: 19.53 ug/ml



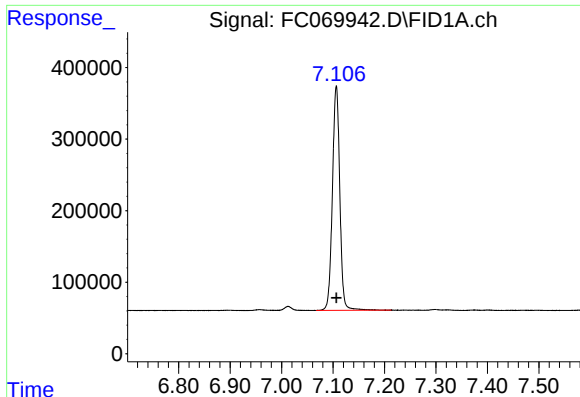
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 3180233  
Conc: 19.68 ug/ml



#4 n-Dodecane (C12)

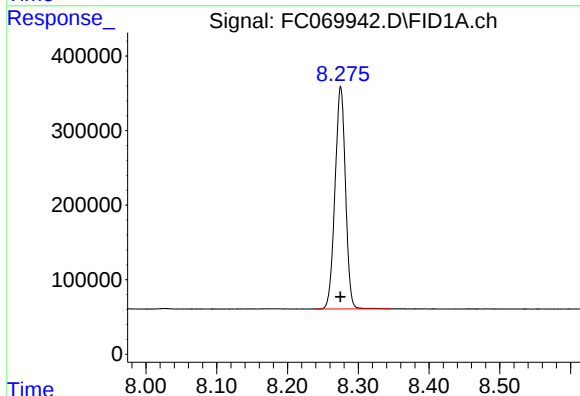
R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 2978686  
Conc: 19.43 ug/ml



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

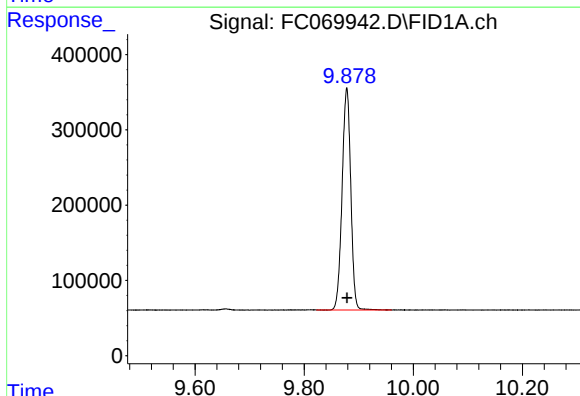
R.T.: 7.106 min  
Delta R.T.: 0.000 min  
Response: 3136946  
Conc: 19.66 ug/ml

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



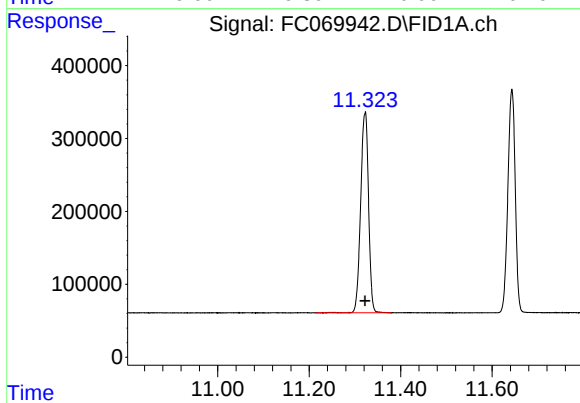
#6 n-Tetradecane (C14)

R.T.: 8.275 min  
Delta R.T.: 0.000 min  
Response: 3069732  
Conc: 19.30 ug/ml



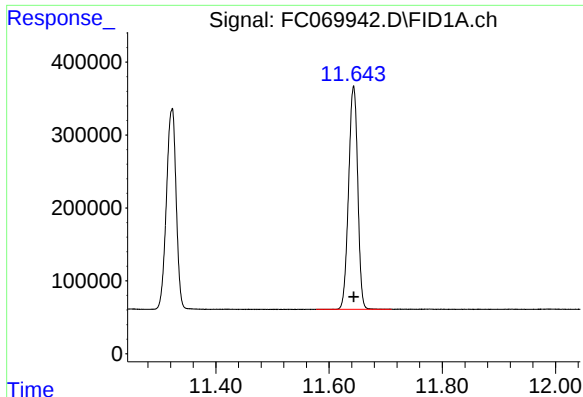
#7 n-Hexadecane (C16)

R.T.: 9.878 min  
Delta R.T.: 0.000 min  
Response: 3247204  
Conc: 19.27 ug/ml



#8 n-Octadecane (C18)

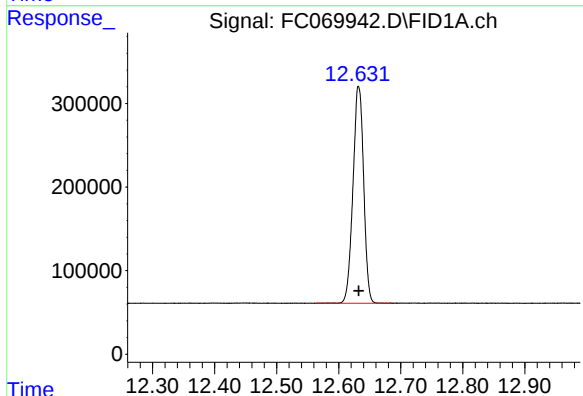
R.T.: 11.322 min  
Delta R.T.: 0.000 min  
Response: 3293110  
Conc: 19.36 ug/ml



#9 ortho-Terphenyl (SURR)

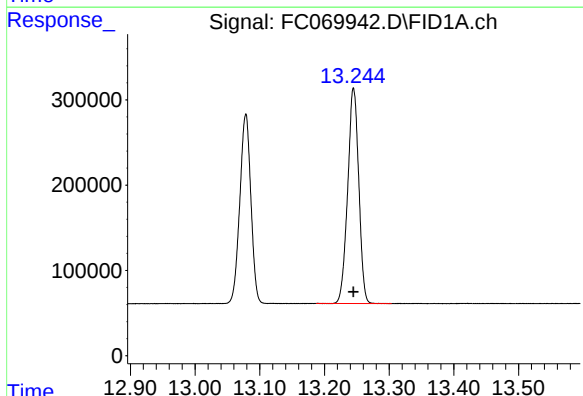
R.T.: 11.643 min  
Delta R.T.: 0.000 min  
Response: 3426826  
Conc: 19.51 ug/ml

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



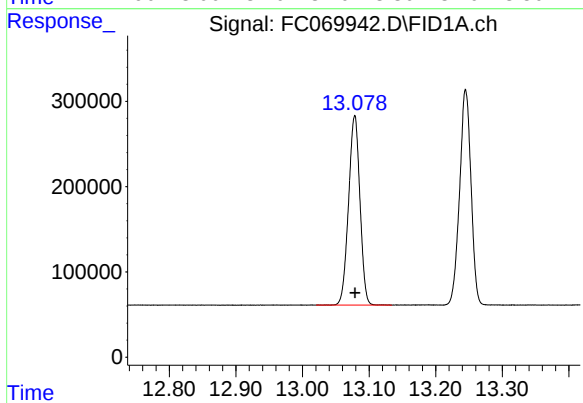
#10 n-Eicosane (C20)

R.T.: 12.632 min  
Delta R.T.: 0.000 min  
Response: 3100336  
Conc: 19.32 ug/ml



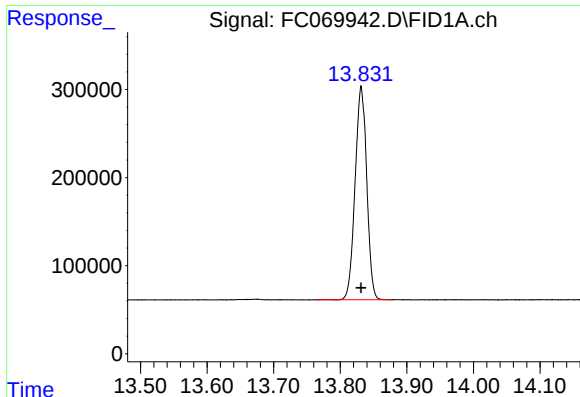
#11 n-Heneicosane (C21)

R.T.: 13.245 min  
Delta R.T.: 0.000 min  
Response: 3008707  
Conc: 19.38 ug/ml



#12 1-chlorooctadecane (SURR)

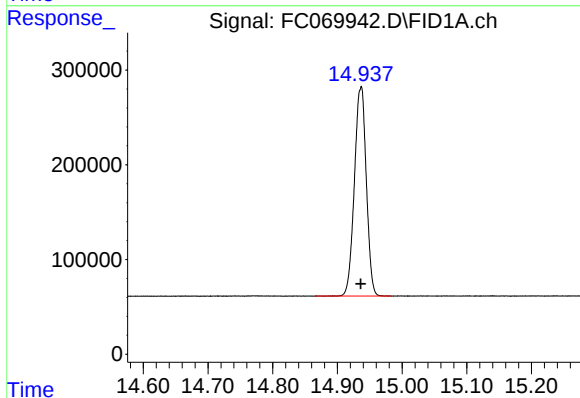
R.T.: 13.078 min  
Delta R.T.: 0.000 min  
Response: 2637598  
Conc: 19.43 ug/ml



#13 n-Docosane (C22)

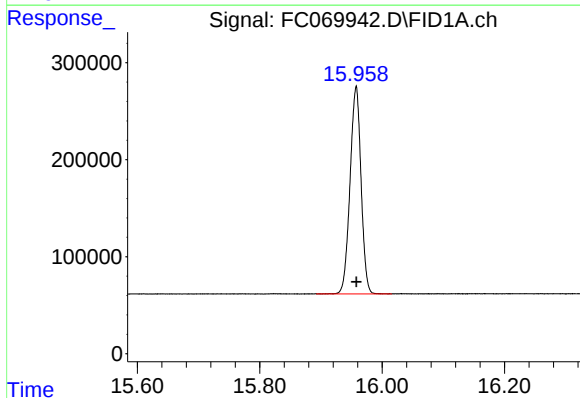
R.T.: 13.832 min  
Delta R.T.: 0.000 min  
Response: 2942368  
Conc: 19.12 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD ICV



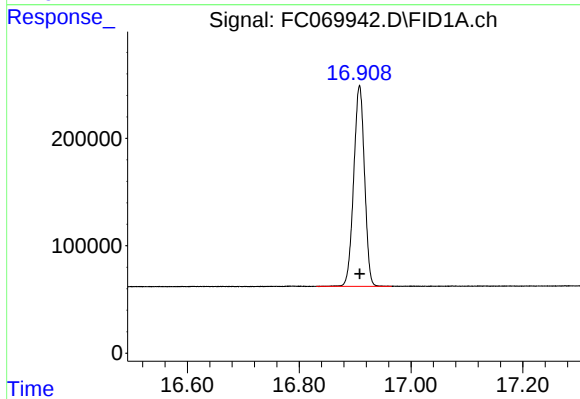
#14 n-Tetracosane (C24)

R.T.: 14.936 min  
Delta R.T.: 0.000 min  
Response: 2823498  
Conc: 18.62 ug/ml



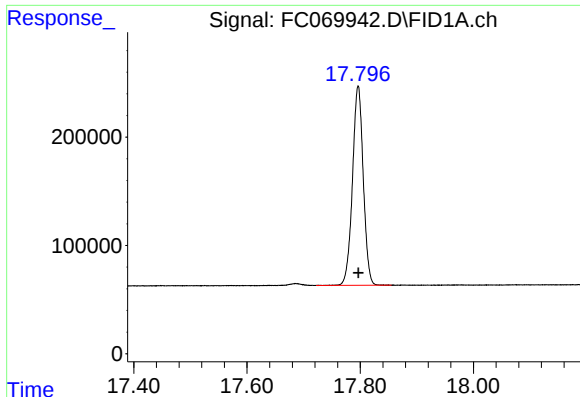
#15 n-Hexacosane (C26)

R.T.: 15.957 min  
Delta R.T.: 0.000 min  
Response: 2666763  
Conc: 18.42 ug/ml



#16 n-Octacosane (C28)

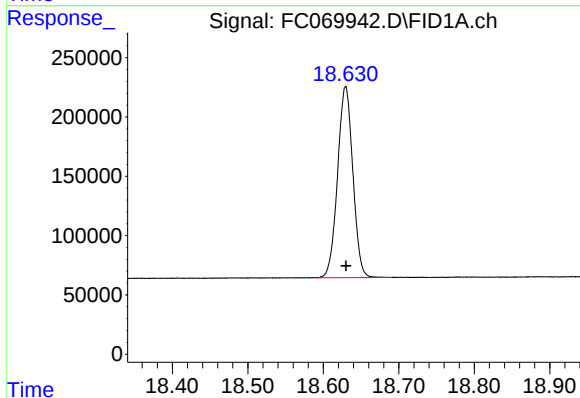
R.T.: 16.908 min  
Delta R.T.: 0.000 min  
Response: 2509230  
Conc: 18.14 ug/ml



#17 n-Tricontane (C30)

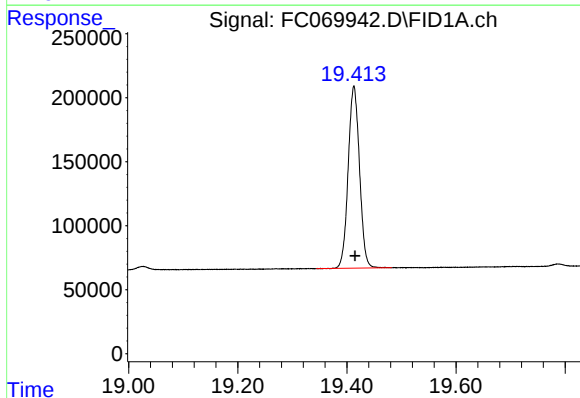
R.T.: 17.796 min  
Delta R.T.: 0.000 min  
Response: 2433398  
Conc: 17.82 ug/ml

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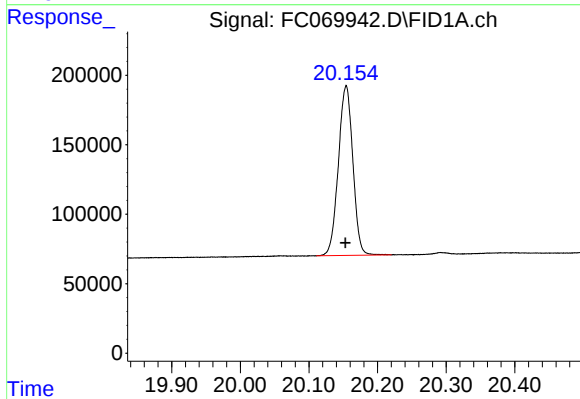
#18 n-Dotriacontane (C32)

R.T.: 18.630 min  
Delta R.T.: 0.000 min  
Response: 2267655  
Conc: 17.59 ug/ml



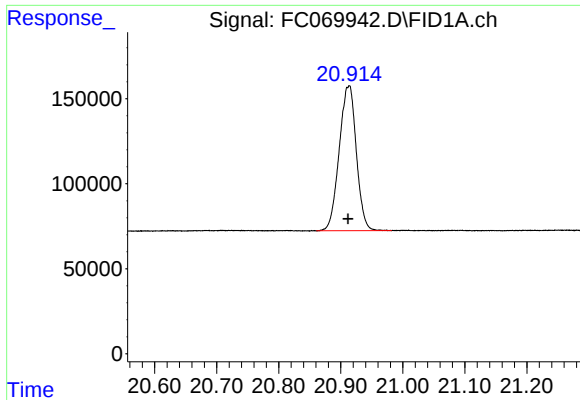
#19 n-Tetratriacontane (C34)

R.T.: 19.413 min  
Delta R.T.: -0.002 min  
Response: 2049192  
Conc: 17.96 ug/ml



#20 n-Hexatriacontane (C36)

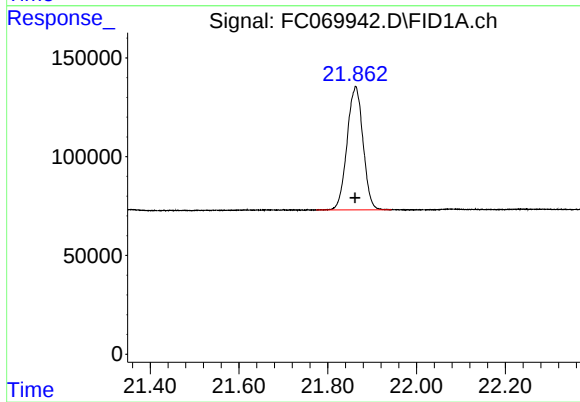
R.T.: 20.154 min  
Delta R.T.: 0.000 min  
Response: 1789545  
Conc: 18.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.913 min  
Delta R.T.: 0.001 min  
Response: 1635409  
Conc: 18.76 ug/ml

Instrument :  
FID\_C  
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#22 n-Tetracontane (C40)

R.T.: 21.863 min  
Delta R.T.: 0.001 min  
Response: 1551501  
Conc: 18.88 ug/ml