

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG060625AL\  
 Data File : FG015972.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Jun 2025 19:02  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jun 06 23:53:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 051225.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 12 12:44:43 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)    | 11.872 | 2700074    | 18.135 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.27%       |
| 12) S 1-chlorooctadecane (S... | 13.317 | 2092029    | 18.160 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.32%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.218  | 1962091    | 17.488 ug/ml |
| 2) T n-Decane (C10)            | 4.479  | 2004978    | 17.721 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.195  | 2095304    | 17.922 ug/ml |
| 4) T n-Dodecane (C12)          | 6.660  | 2100755    | 18.231 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.297  | 1997594    | 17.489 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.496  | 2127250    | 18.468 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.109 | 2190727    | 18.524 ug/ml |
| 8) T n-Octadecane (C18)        | 11.557 | 2263074    | 18.617 ug/ml |
| 10) T n-Eicosane (C20)         | 12.870 | 2280565    | 18.609 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.484 | 2254823    | 18.409 ug/ml |
| 13) T n-Docosane (C22)         | 14.072 | 2301398    | 18.889 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.178 | 2410794    | 19.903 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.202 | 2392140    | 19.983 ug/ml |
| 16) T n-Octacosane (C28)       | 17.154 | 2399565    | 20.351 ug/ml |
| 17) T n-Tricontane (C30)       | 18.044 | 2412555    | 20.303 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.877 | 2403257    | 20.346 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.661 | 2172229    | 19.453 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.403 | 2054881    | 19.003 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.138 | 1962182    | 18.890 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.046 | 1985025    | 19.465 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

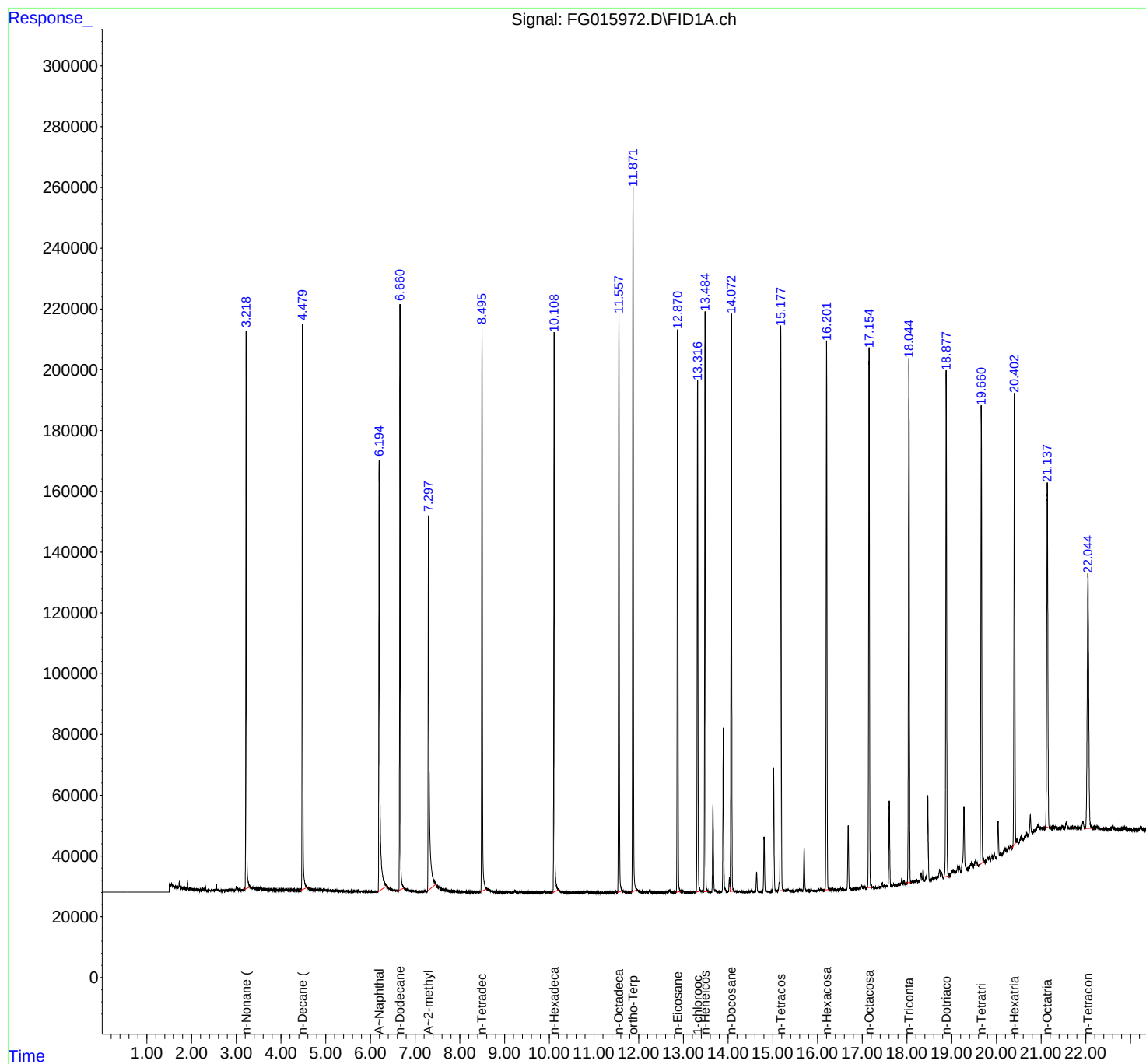
(m)=manual int.

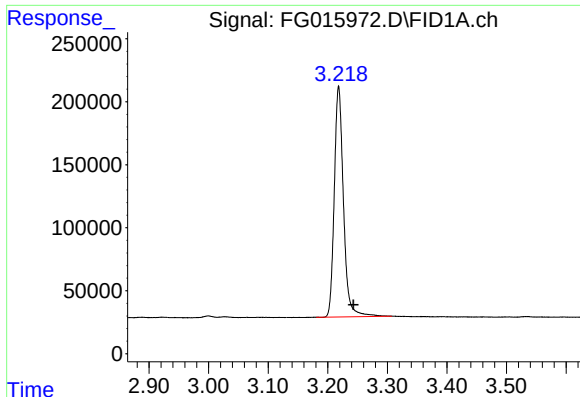
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG060625AL\  
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Acq On : 06 Jun 2025 19:02  
Operator : YP\AJ  
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

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Quant Title : GC Extractables  
QLast Update : Mon May 12 12:44:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

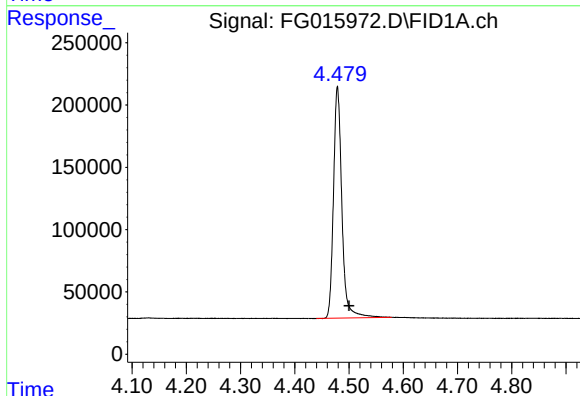




#1 n-Nonane (C9)

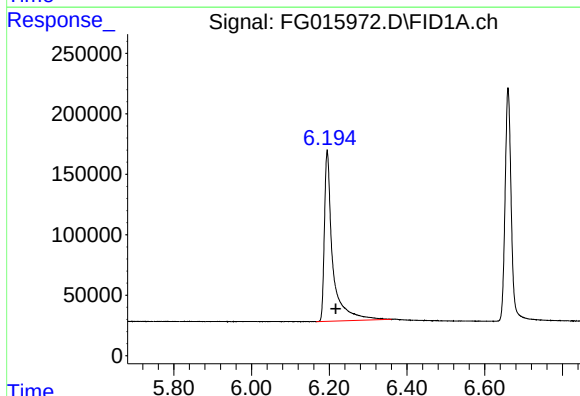
R.T.: 3.218 min  
Delta R.T.: -0.025 min  
Response: 1962091  
Conc: 17.49 ug/ml

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



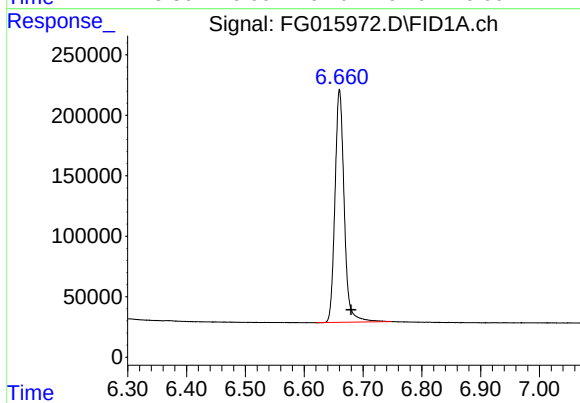
#2 n-Decane (C10)

R.T.: 4.479 min  
Delta R.T.: -0.022 min  
Response: 2004978  
Conc: 17.72 ug/ml



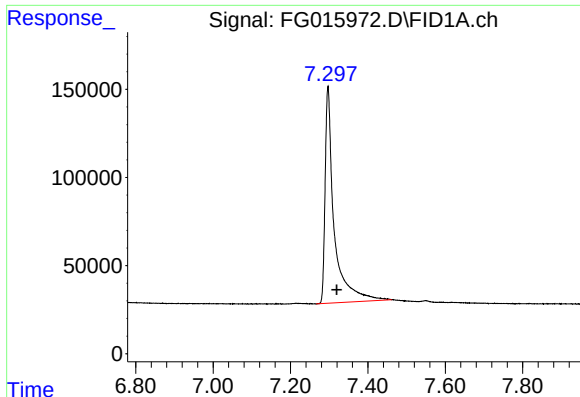
#3 A~Naphthalene (C11.7)

R.T.: 6.195 min  
Delta R.T.: -0.022 min  
Response: 2095304  
Conc: 17.92 ug/ml



#4 n-Dodecane (C12)

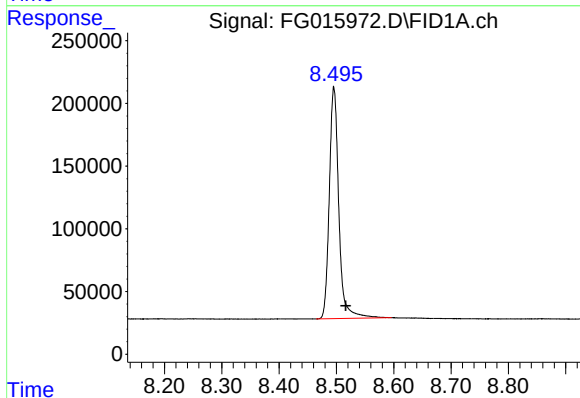
R.T.: 6.660 min  
Delta R.T.: -0.020 min  
Response: 2100755  
Conc: 18.23 ug/ml



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

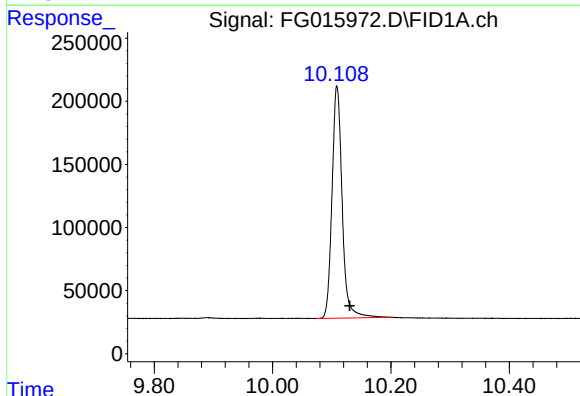
R.T.: 7.297 min  
Delta R.T.: -0.022 min  
Response: 1997594  
Conc: 17.49 ug/ml

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



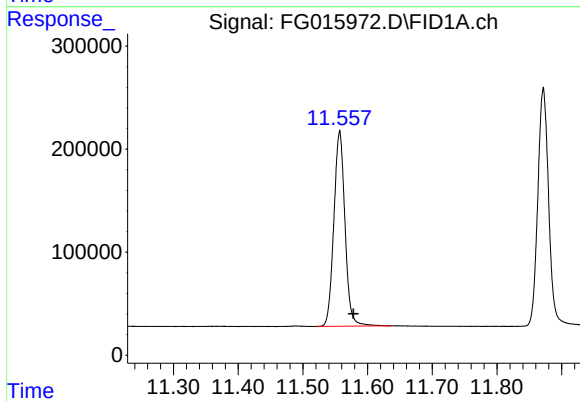
#6 n-Tetradecane (C14)

R.T.: 8.496 min  
Delta R.T.: -0.021 min  
Response: 2127250  
Conc: 18.47 ug/ml



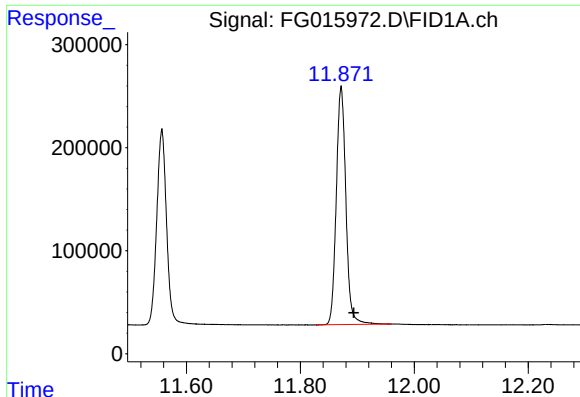
#7 n-Hexadecane (C16)

R.T.: 10.109 min  
Delta R.T.: -0.022 min  
Response: 2190727  
Conc: 18.52 ug/ml



#8 n-Octadecane (C18)

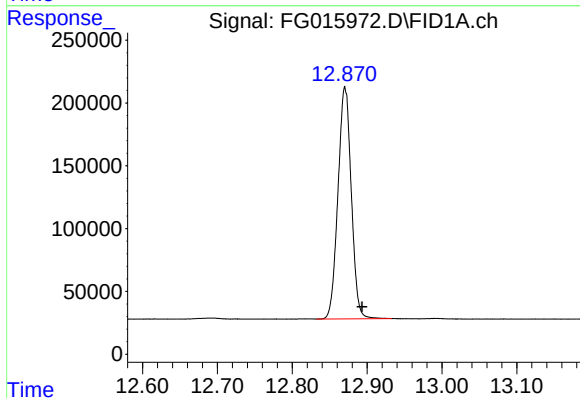
R.T.: 11.557 min  
Delta R.T.: -0.021 min  
Response: 2263074  
Conc: 18.62 ug/ml



#9 ortho-Terphenyl (SURR)

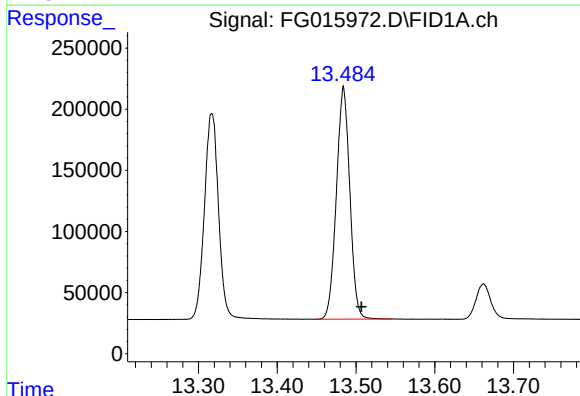
R.T.: 11.872 min  
Delta R.T.: -0.022 min  
Response: 2700074  
Conc: 18.13 ug/ml

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



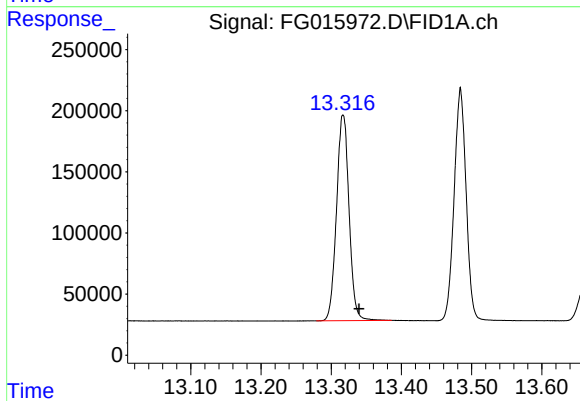
#10 n-Eicosane (C20)

R.T.: 12.870 min  
Delta R.T.: -0.023 min  
Response: 2280565  
Conc: 18.61 ug/ml



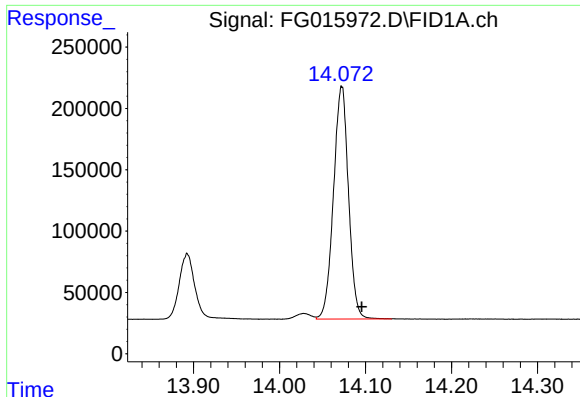
#11 n-Heneicosane (C21)

R.T.: 13.484 min  
Delta R.T.: -0.023 min  
Response: 2254823  
Conc: 18.41 ug/ml



#12 1-chlorooctadecane (SURR)

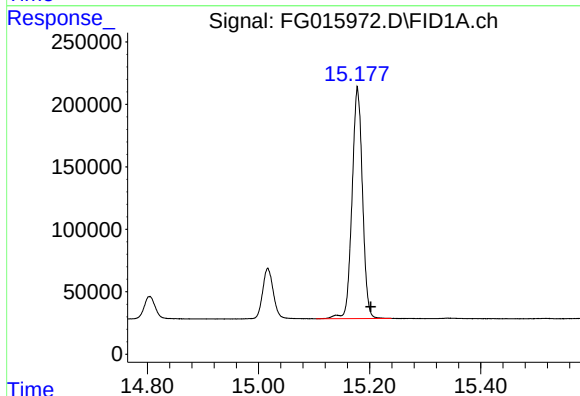
R.T.: 13.317 min  
Delta R.T.: -0.023 min  
Response: 2092029  
Conc: 18.16 ug/ml



#13 n-Docosane (C22)

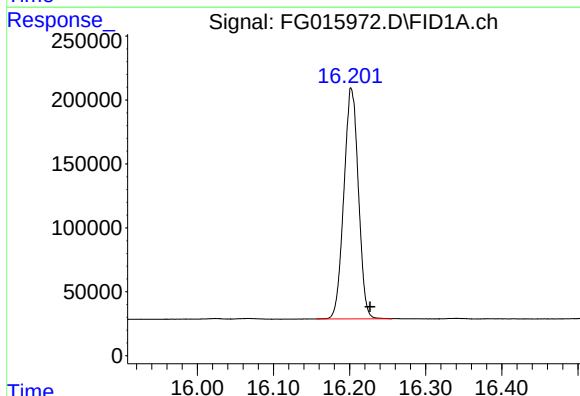
R.T.: 14.072 min  
Delta R.T.: -0.023 min  
Response: 2301398  
Conc: 18.89 ug/ml

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



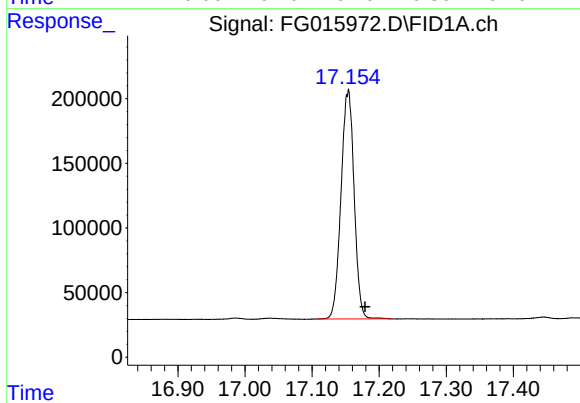
#14 n-Tetracosane (C24)

R.T.: 15.178 min  
Delta R.T.: -0.024 min  
Response: 2410794  
Conc: 19.90 ug/ml



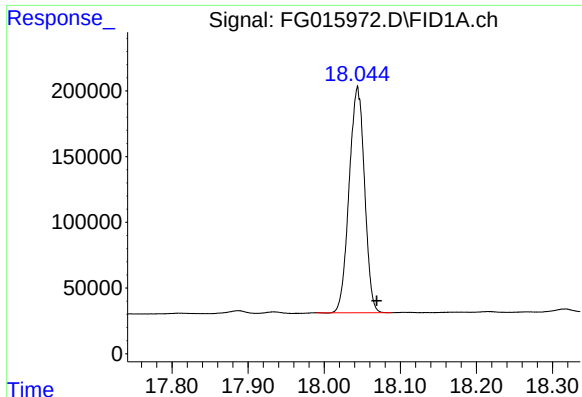
#15 n-Hexacosane (C26)

R.T.: 16.202 min  
Delta R.T.: -0.024 min  
Response: 2392140  
Conc: 19.98 ug/ml



#16 n-Octacosane (C28)

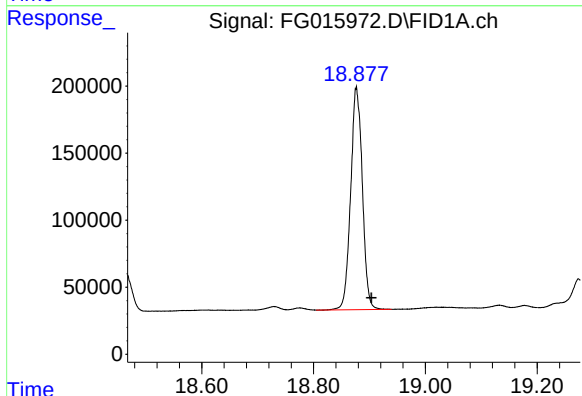
R.T.: 17.154 min  
Delta R.T.: -0.025 min  
Response: 2399565  
Conc: 20.35 ug/ml



#17 n-Tricontane (C30)

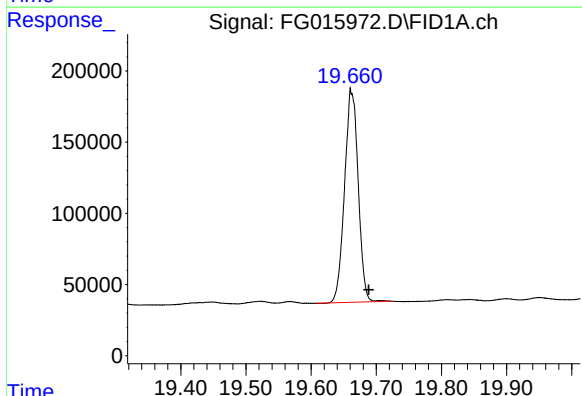
R.T.: 18.044 min  
Delta R.T.: -0.025 min  
Response: 2412555  
Conc: 20.30 ug/ml

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



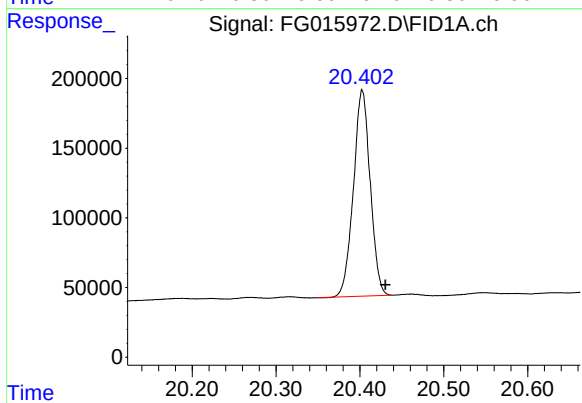
#18 n-Dotriacontane (C32)

R.T.: 18.877 min  
Delta R.T.: -0.027 min  
Response: 2403257  
Conc: 20.35 ug/ml



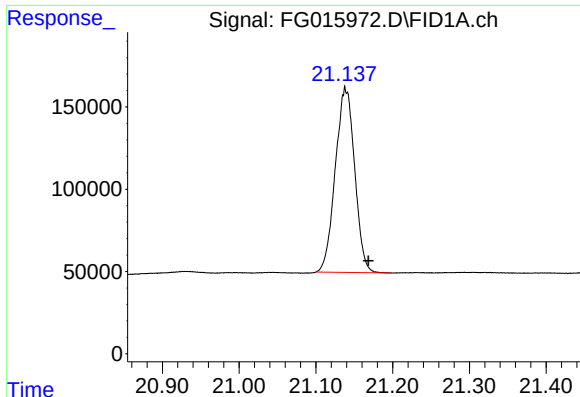
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min  
Delta R.T.: -0.027 min  
Response: 2172229  
Conc: 19.45 ug/ml



#20 n-Hexatriacontane (C36)

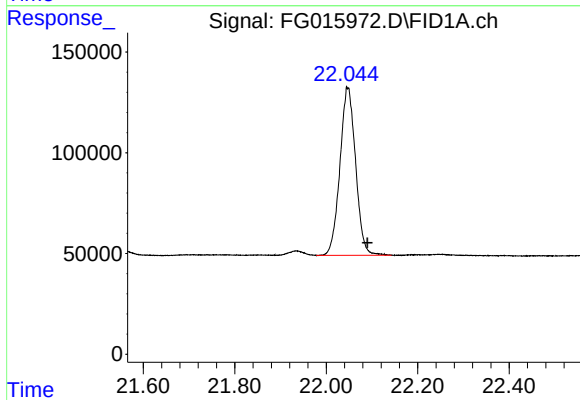
R.T.: 20.403 min  
Delta R.T.: -0.028 min  
Response: 2054881  
Conc: 19.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min  
Delta R.T.: -0.030 min  
Response: 1962182  
Conc: 18.89 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.046 min  
Delta R.T.: -0.043 min  
Response: 1985025  
Conc: 19.47 ug/ml