

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG041725AL\  
 Data File : FG015685.D  
 Signal(s) : FID1A.ch  
 Acq On : 17 Apr 2025 12:16  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e  
 Quant Time: Apr 17 12:26:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 17 12:26:46 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)    | 11.901 | 726678     | 5.012 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.02%      |
| 12) S 1-chlorooctadecane (S... | 13.347 | 513369     | 4.855 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 9.71%       |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.251  | 559987     | 5.011 ug/ml |
| 2) T n-Decane (C10)            | 4.510  | 556726     | 4.965 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.226  | 526545     | 4.538 ug/ml |
| 4) T n-Dodecane (C12)          | 6.689  | 562393     | 4.919 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.329  | 470534     | 4.227 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.525  | 550704     | 4.833 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.139 | 569544     | 4.871 ug/ml |
| 8) T n-Octadecane (C18)        | 11.586 | 590472     | 4.936 ug/ml |
| 10) T n-Eicosane (C20)         | 12.900 | 594358     | 4.995 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.514 | 591782     | 5.003 ug/ml |
| 13) T n-Docosane (C22)         | 14.102 | 578526     | 4.961 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.209 | 571063     | 4.955 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.233 | 548030     | 4.908 ug/ml |
| 16) T n-Octacosane (C28)       | 17.185 | 544376     | 5.002 ug/ml |
| 17) T n-Tricontane (C30)       | 18.074 | 561801     | 5.158 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.908 | 566968     | 5.270 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.694 | 541448     | 5.314 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.434 | 522794     | 5.344 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.176 | 498766     | 5.464 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.097 | 481343     | 5.700 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

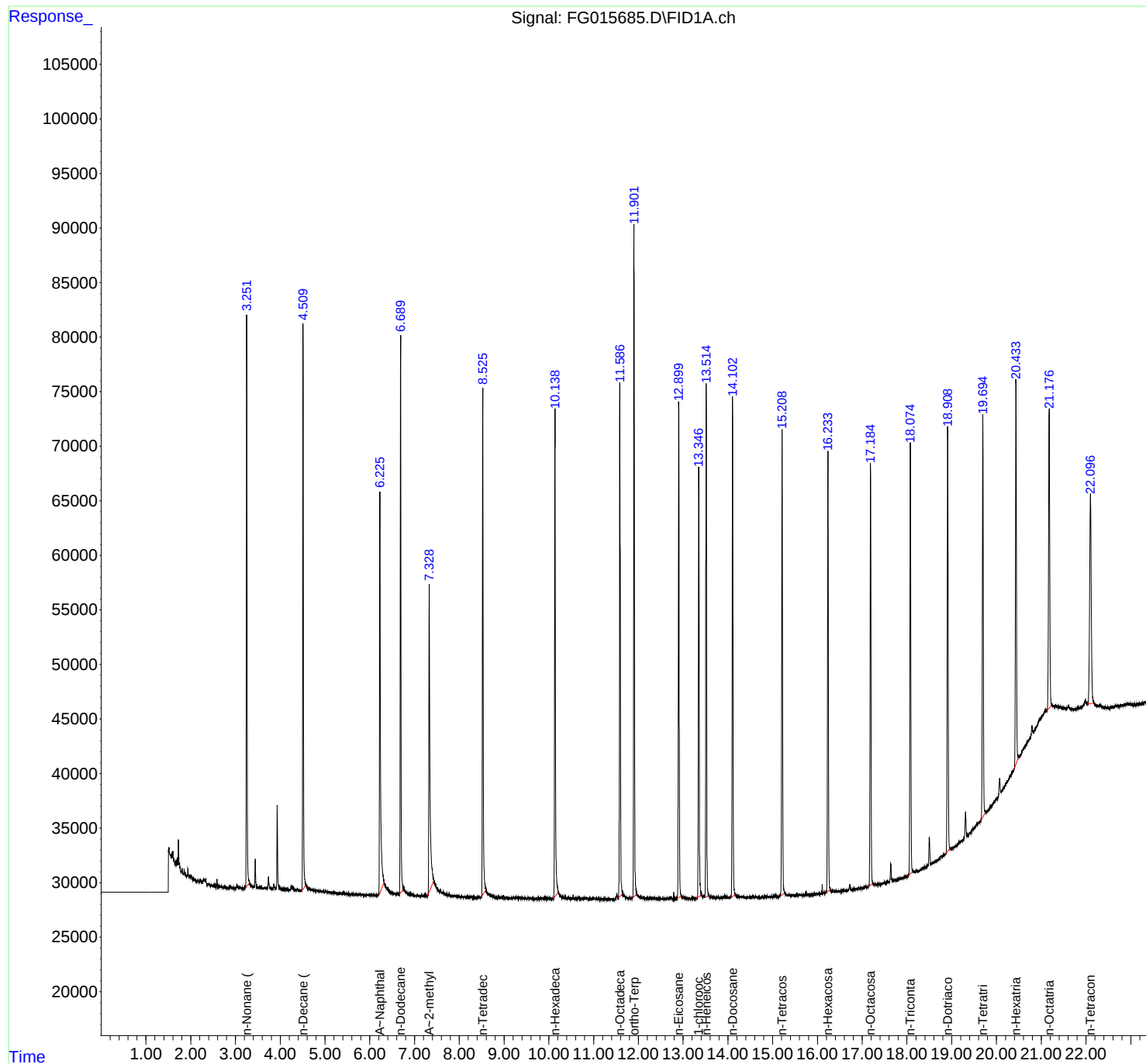
(m)=manual int.

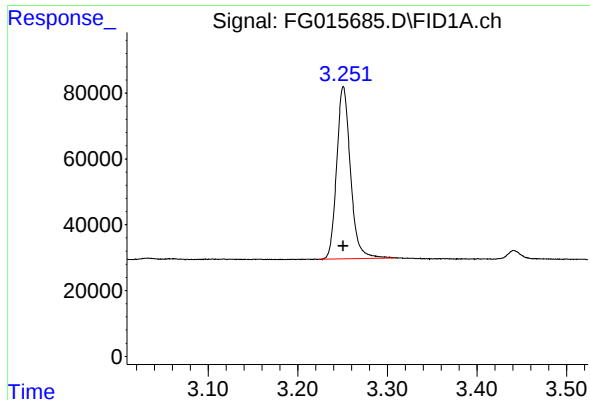
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG041725AL\  
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Acq On : 17 Apr 2025 12:16  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

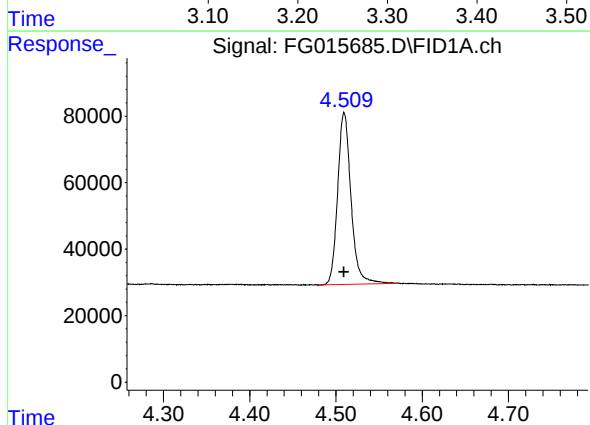




#1 n-Nonane (C9)

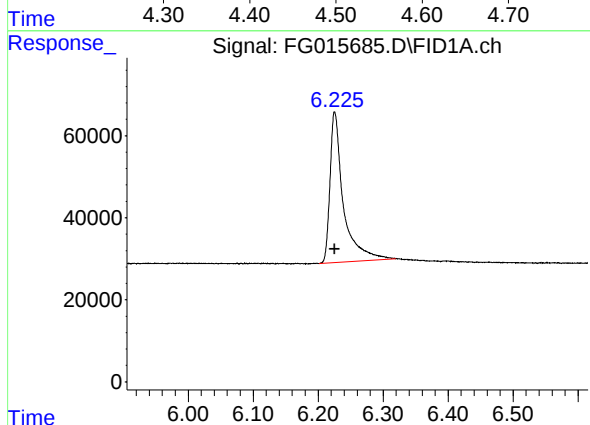
R.T.: 3.251 min  
Delta R.T.: 0.000 min  
Response: 559987  
Conc: 5.01 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



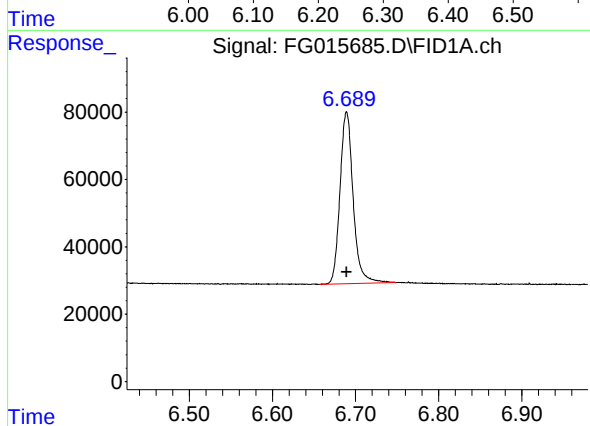
#2 n-Decane (C10)

R.T.: 4.510 min  
Delta R.T.: 0.000 min  
Response: 556726  
Conc: 4.96 ug/ml



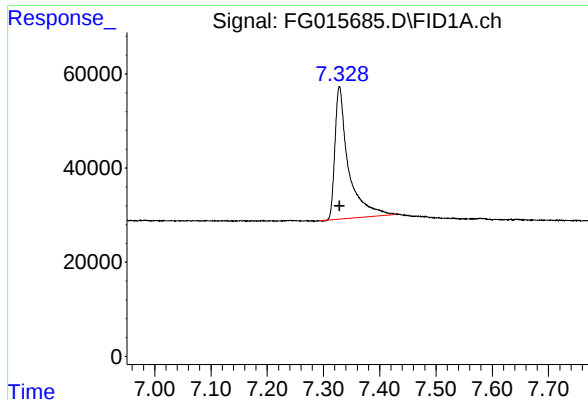
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min  
Delta R.T.: 0.000 min  
Response: 526545  
Conc: 4.54 ug/ml



#4 n-Dodecane (C12)

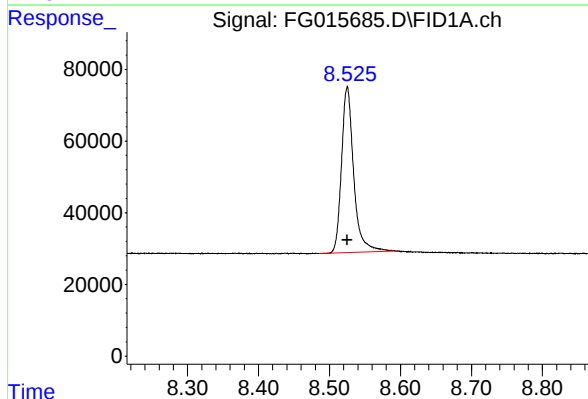
R.T.: 6.689 min  
Delta R.T.: 0.000 min  
Response: 562393  
Conc: 4.92 ug/ml



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

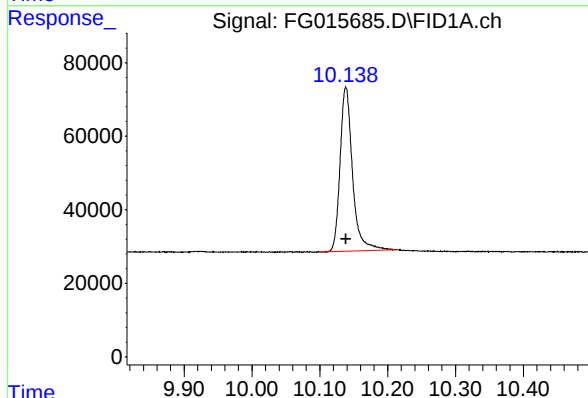
R.T.: 7.329 min  
Delta R.T.: 0.000 min  
Response: 470534  
Conc: 4.23 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



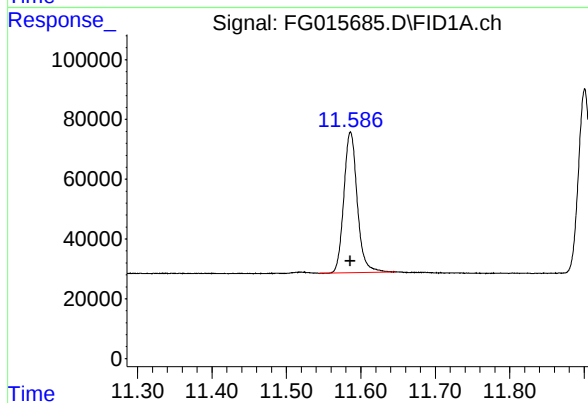
#6 n-Tetradecane (C14)

R.T.: 8.525 min  
Delta R.T.: 0.000 min  
Response: 550704  
Conc: 4.83 ug/ml



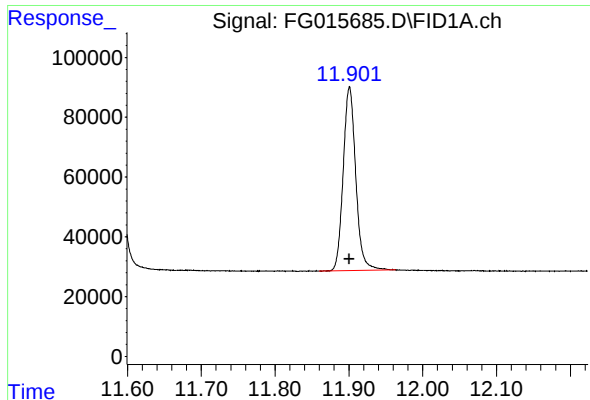
#7 n-Hexadecane (C16)

R.T.: 10.139 min  
Delta R.T.: 0.000 min  
Response: 569544  
Conc: 4.87 ug/ml



#8 n-Octadecane (C18)

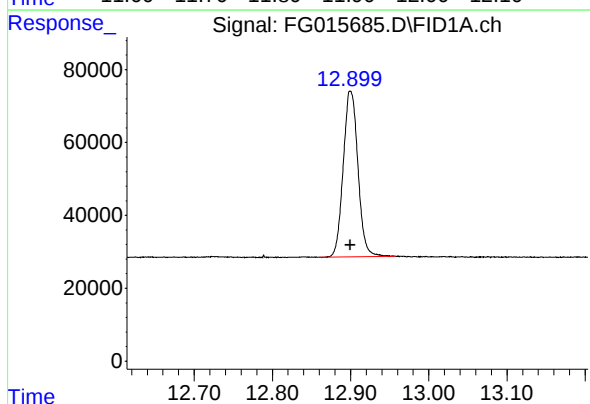
R.T.: 11.586 min  
Delta R.T.: 0.000 min  
Response: 590472  
Conc: 4.94 ug/ml



#9 ortho-Terphenyl (SURR)

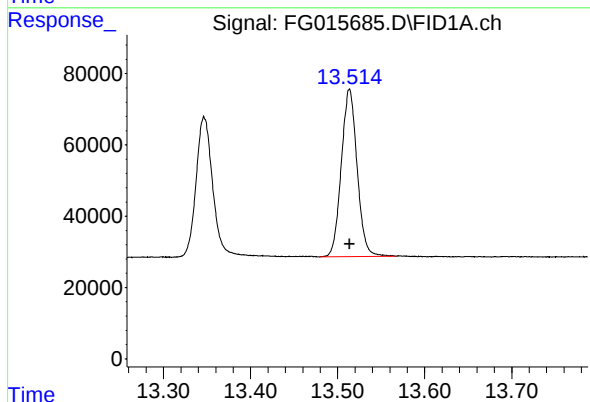
R.T.: 11.901 min  
Delta R.T.: 0.000 min  
Response: 726678  
Conc: 5.01 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



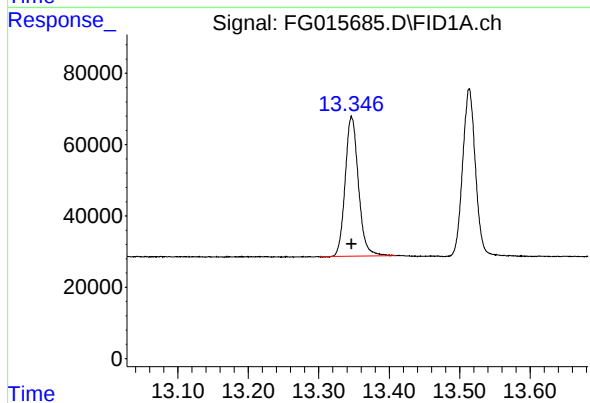
#10 n-Eicosane (C20)

R.T.: 12.900 min  
Delta R.T.: 0.000 min  
Response: 594358  
Conc: 4.99 ug/ml



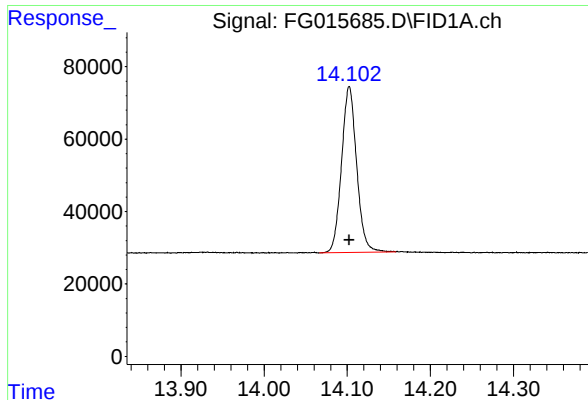
#11 n-Heneicosane (C21)

R.T.: 13.514 min  
Delta R.T.: 0.000 min  
Response: 591782  
Conc: 5.00 ug/ml



#12 1-chlorooctadecane (SURR)

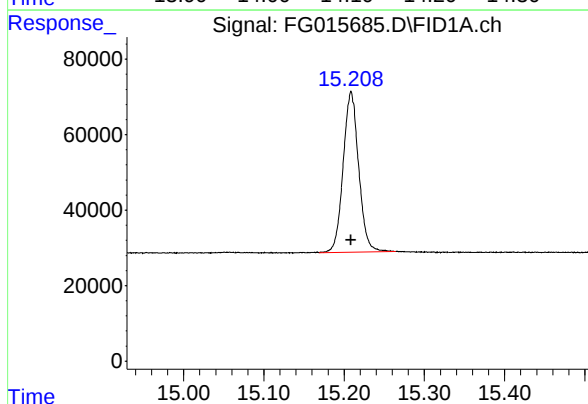
R.T.: 13.347 min  
Delta R.T.: 0.000 min  
Response: 513369  
Conc: 4.85 ug/ml



#13 n-Docosane (C22)

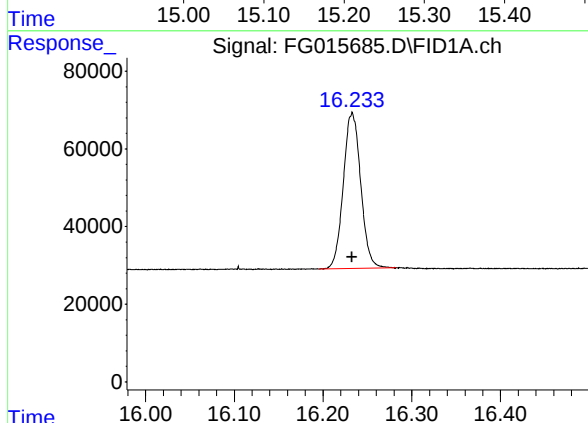
R.T.: 14.102 min  
Delta R.T.: 0.000 min  
Response: 578526  
Conc: 4.96 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



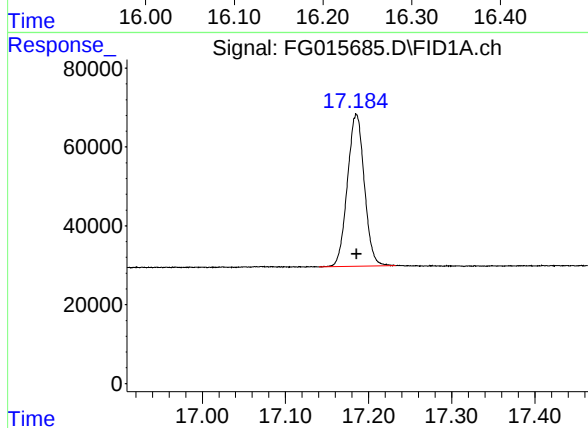
#14 n-Tetracosane (C24)

R.T.: 15.209 min  
Delta R.T.: 0.000 min  
Response: 571063  
Conc: 4.96 ug/ml



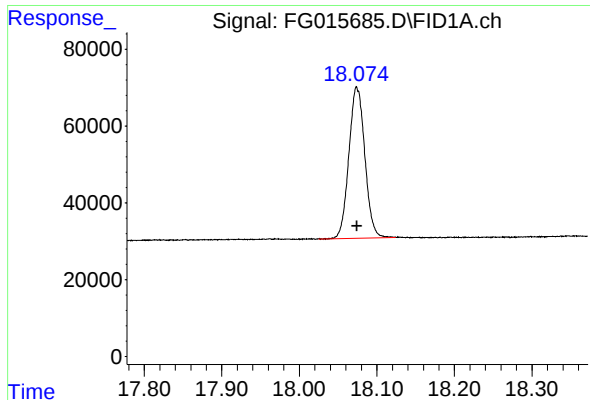
#15 n-Hexacosane (C26)

R.T.: 16.233 min  
Delta R.T.: 0.000 min  
Response: 548030  
Conc: 4.91 ug/ml



#16 n-Octacosane (C28)

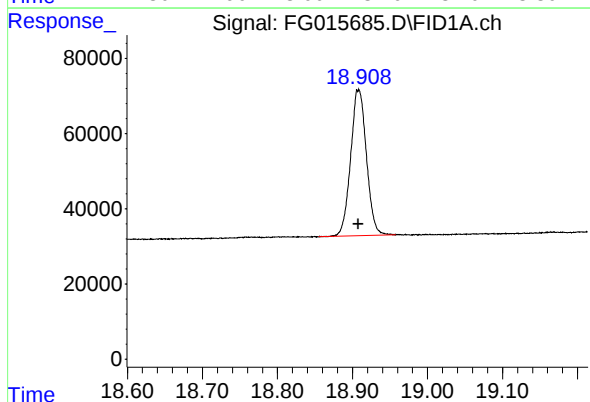
R.T.: 17.185 min  
Delta R.T.: 0.000 min  
Response: 544376  
Conc: 5.00 ug/ml



#17 n-Tricontane (C30)

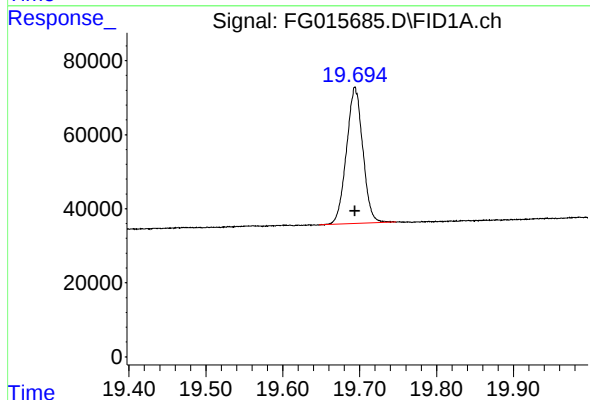
R.T.: 18.074 min  
Delta R.T.: 0.000 min  
Response: 561801  
Conc: 5.16 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



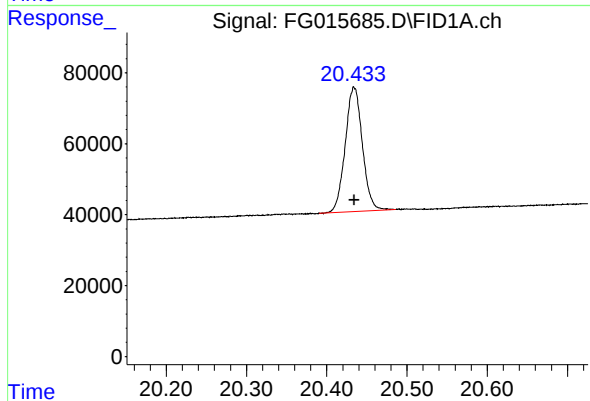
#18 n-Dotriacontane (C32)

R.T.: 18.908 min  
Delta R.T.: 0.000 min  
Response: 566968  
Conc: 5.27 ug/ml



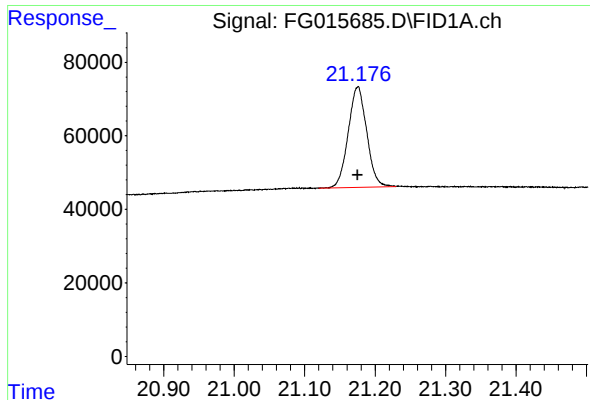
#19 n-Tetatriacontane (C34)

R.T.: 19.694 min  
Delta R.T.: 0.000 min  
Response: 541448  
Conc: 5.31 ug/ml



#20 n-Hexatriacontane (C36)

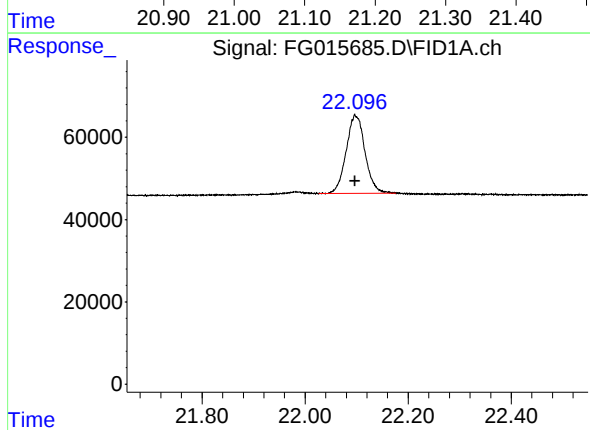
R.T.: 20.434 min  
Delta R.T.: 0.000 min  
Response: 522794  
Conc: 5.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min  
Delta R.T.: 0.000 min  
Response: 498766  
Conc: 5.46 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.097 min  
Delta R.T.: 0.000 min  
Response: 481343  
Conc: 5.70 ug/ml