

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG031725AL\  
 Data File : FG015493.D  
 Signal(s) : FID1A.ch  
 Acq On : 17 Mar 2025 12:38  
 Operator : YP\AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Mar 17 13:24:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 031725.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 17 13:20:26 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)    | 11.925 | 7789921    | 48.651 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 97.30%       |
| 12) S 1-chlorooctadecane (S... | 13.368 | 6254429    | 48.695 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 97.39%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.268  | 6111228    | 48.852 ug/ml |
| 2) T n-Decane (C10)            | 4.528  | 6240003    | 48.777 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.238  | 6873581    | 48.819 ug/ml |
| 4) T n-Dodecane (C12)          | 6.708  | 6376602    | 48.614 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.341  | 6716793    | 48.838 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.544  | 6466072    | 48.570 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.159 | 6851529    | 48.557 ug/ml |
| 8) T n-Octadecane (C18)        | 11.610 | 7114227    | 48.630 ug/ml |
| 10) T n-Eicosane (C20)         | 12.923 | 7056304    | 48.708 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.538 | 7027910    | 48.741 ug/ml |
| 13) T n-Docosane (C22)         | 14.126 | 7123345    | 48.929 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.232 | 7315602    | 49.161 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.257 | 7293273    | 49.202 ug/ml |
| 16) T n-Octacosane (C28)       | 17.209 | 7169752    | 49.035 ug/ml |
| 17) T n-Tricontane (C30)       | 18.098 | 7118748    | 48.366 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.932 | 6648253    | 47.989 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.717 | 5861029    | 47.999 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.457 | 4940846    | 48.060 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.200 | 4413616    | 48.466 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.130 | 4167524    | 49.102 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

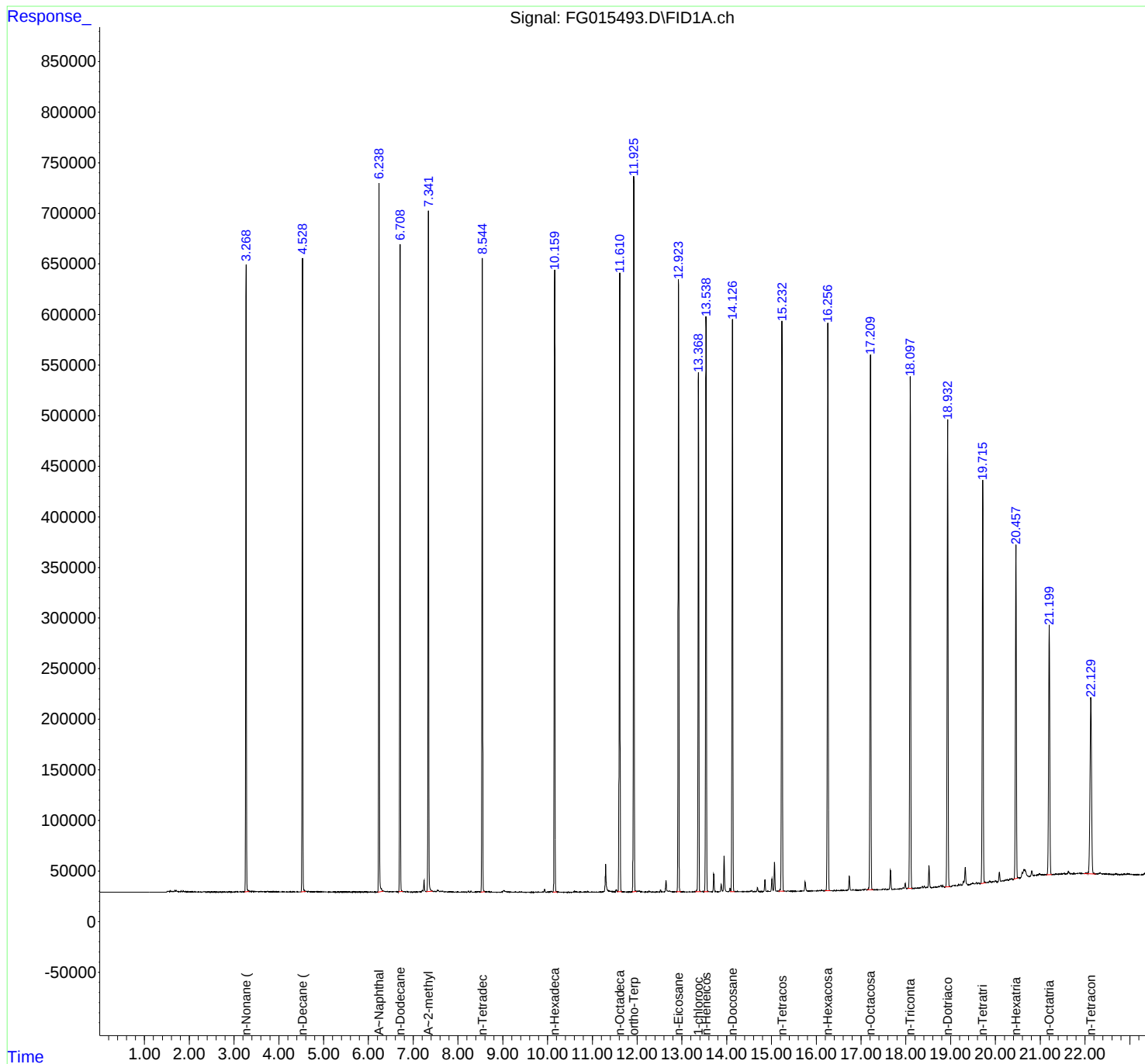
(m)=manual int.

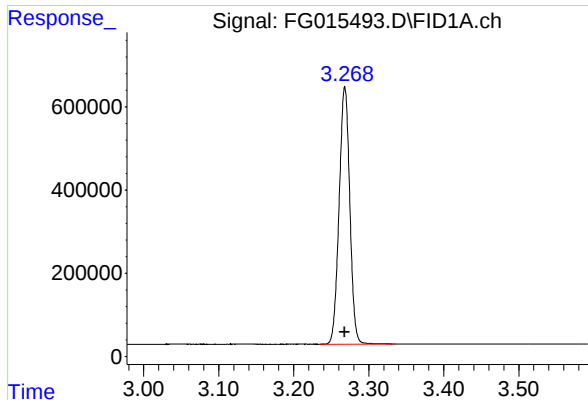
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG031725AL\  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 031725.M  
Quant Title : GC Extractables  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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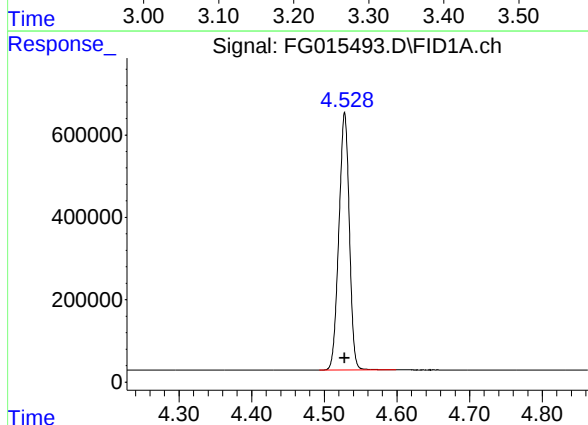




#1 n-Nonane (C9)

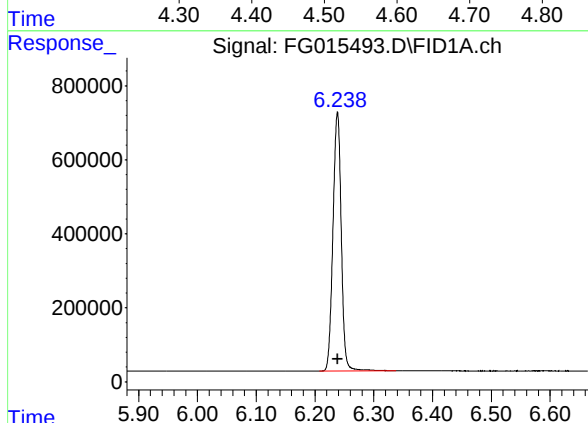
R.T.: 3.268 min  
Delta R.T.: 0.000 min  
Response: 6111228  
Conc: 48.85 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



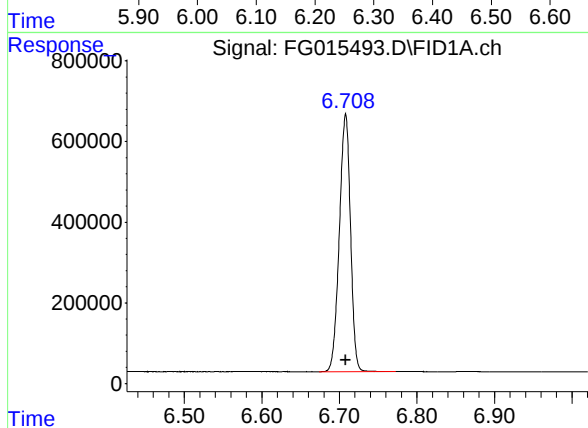
#2 n-Decane (C10)

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 6240003  
Conc: 48.78 ug/ml



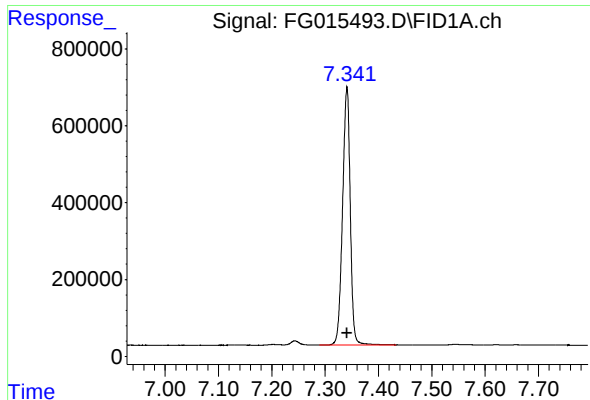
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min  
Delta R.T.: 0.000 min  
Response: 6873581  
Conc: 48.82 ug/ml



#4 n-Dodecane (C12)

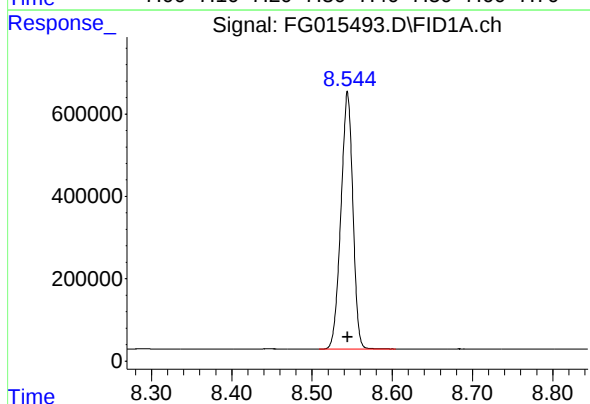
R.T.: 6.708 min  
Delta R.T.: 0.000 min  
Response: 6376602  
Conc: 48.61 ug/ml



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

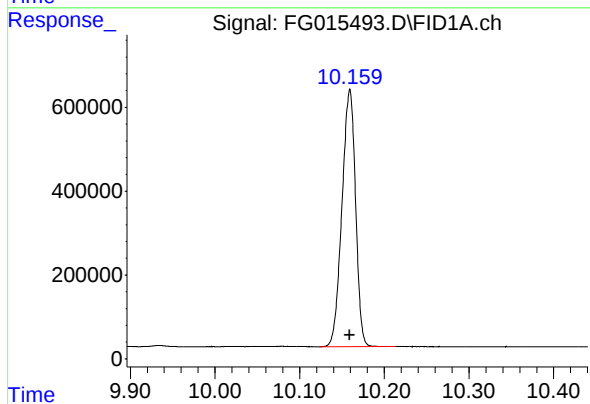
R.T.: 7.341 min  
Delta R.T.: 0.000 min  
Response: 6716793  
Conc: 48.84 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



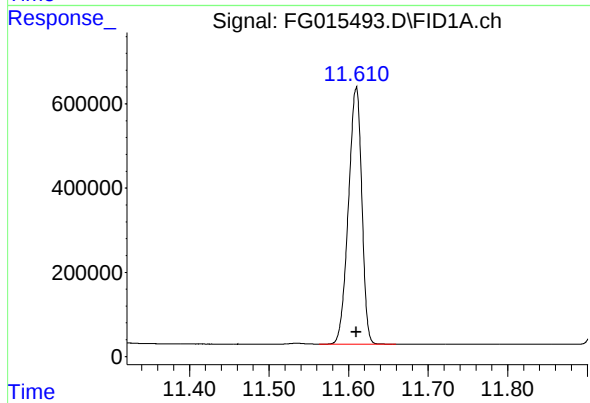
#6 n-Tetradecane (C14)

R.T.: 8.544 min  
Delta R.T.: 0.000 min  
Response: 6466072  
Conc: 48.57 ug/ml



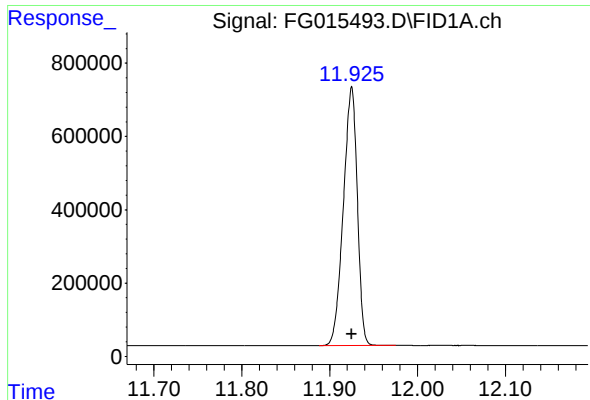
#7 n-Hexadecane (C16)

R.T.: 10.159 min  
Delta R.T.: 0.000 min  
Response: 6851529  
Conc: 48.56 ug/ml



#8 n-Octadecane (C18)

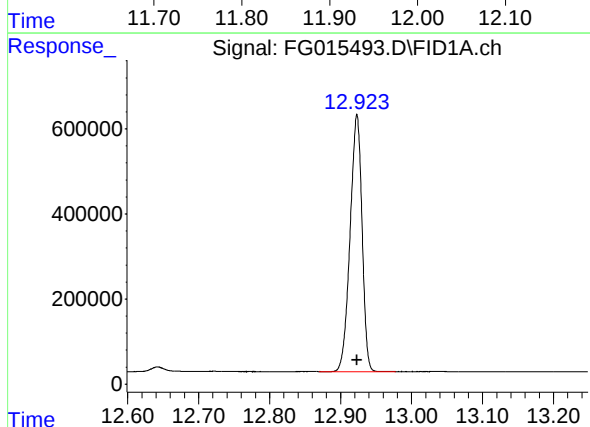
R.T.: 11.610 min  
Delta R.T.: 0.000 min  
Response: 7114227  
Conc: 48.63 ug/ml



#9 ortho-Terphenyl (SURR)

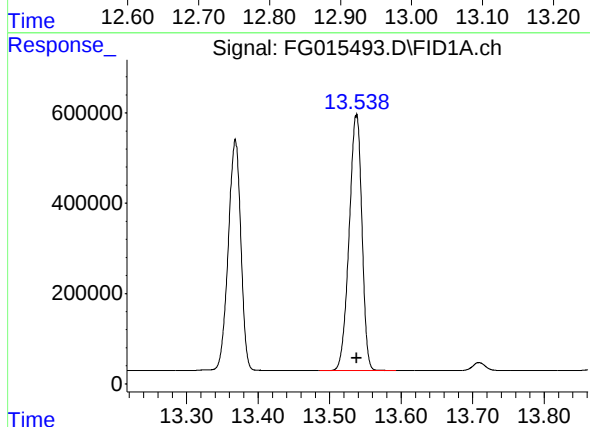
R.T.: 11.925 min  
Delta R.T.: 0.000 min  
Response: 7789921  
Conc: 48.65 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



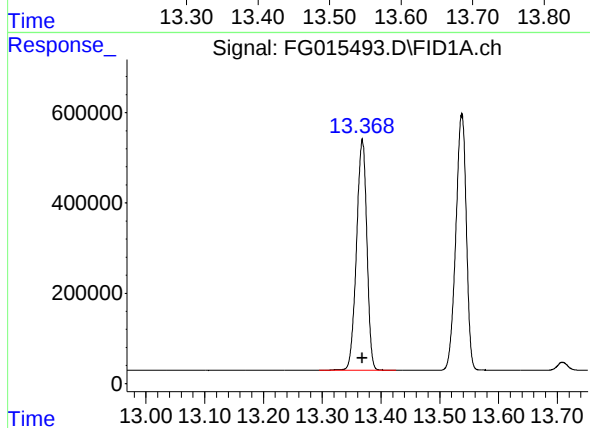
#10 n-Eicosane (C20)

R.T.: 12.923 min  
Delta R.T.: 0.000 min  
Response: 7056304  
Conc: 48.71 ug/ml



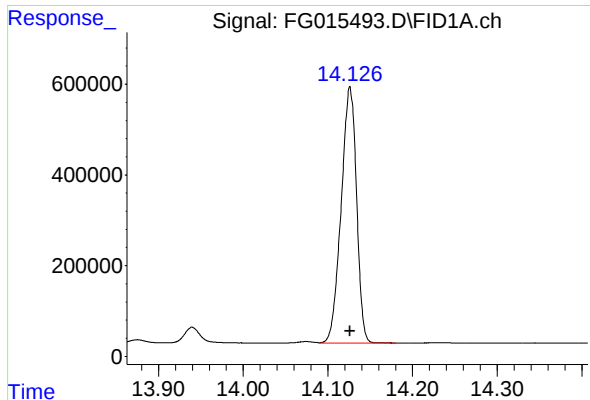
#11 n-Heneicosane (C21)

R.T.: 13.538 min  
Delta R.T.: 0.000 min  
Response: 7027910  
Conc: 48.74 ug/ml



#12 1-chlorooctadecane (SURR)

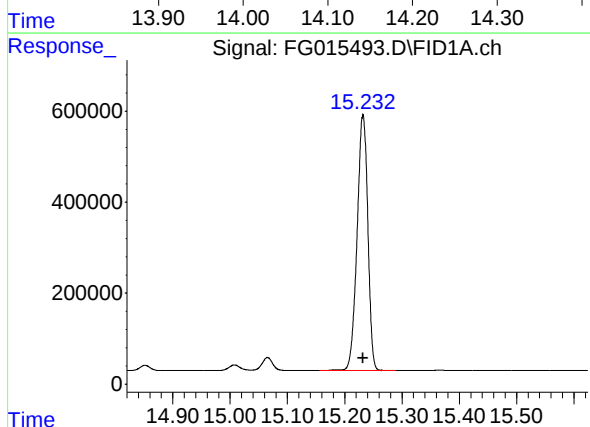
R.T.: 13.368 min  
Delta R.T.: 0.000 min  
Response: 6254429  
Conc: 48.69 ug/ml



#13 n-Docosane (C22)

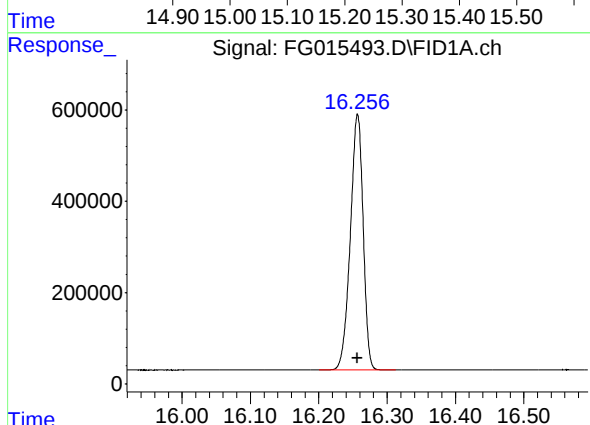
R.T.: 14.126 min  
Delta R.T.: 0.000 min  
Response: 7123345  
Conc: 48.93 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



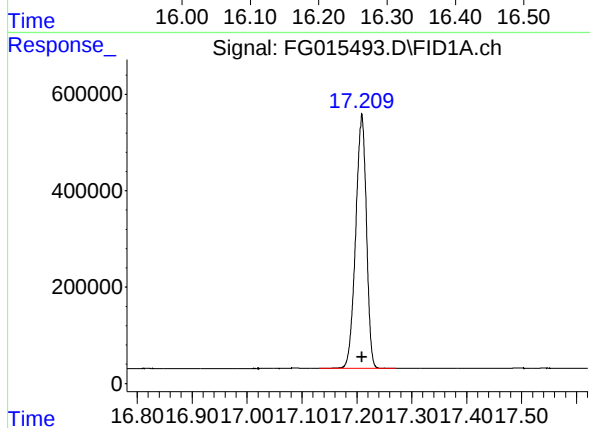
#14 n-Tetracosane (C24)

R.T.: 15.232 min  
Delta R.T.: 0.000 min  
Response: 7315602  
Conc: 49.16 ug/ml



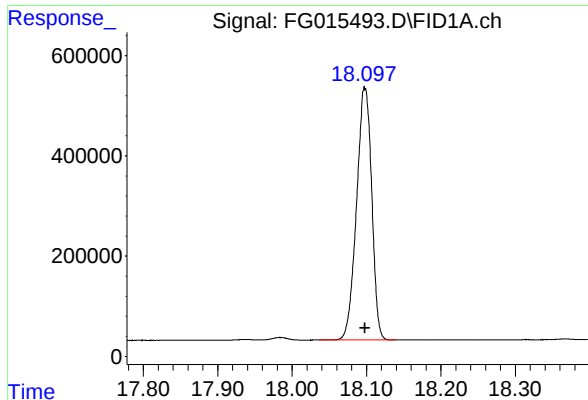
#15 n-Hexacosane (C26)

R.T.: 16.257 min  
Delta R.T.: 0.000 min  
Response: 7293273  
Conc: 49.20 ug/ml



#16 n-Octacosane (C28)

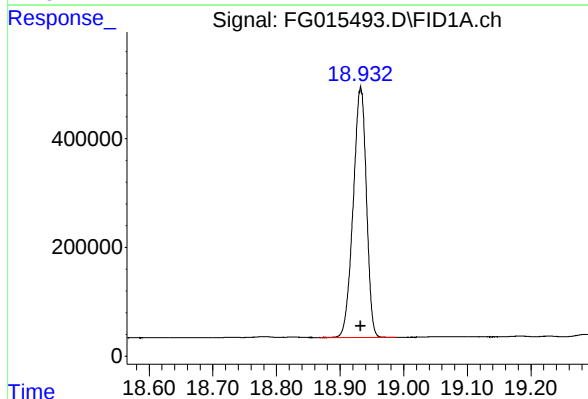
R.T.: 17.209 min  
Delta R.T.: 0.000 min  
Response: 7169752  
Conc: 49.04 ug/ml



#17 n-Tricontane (C30)

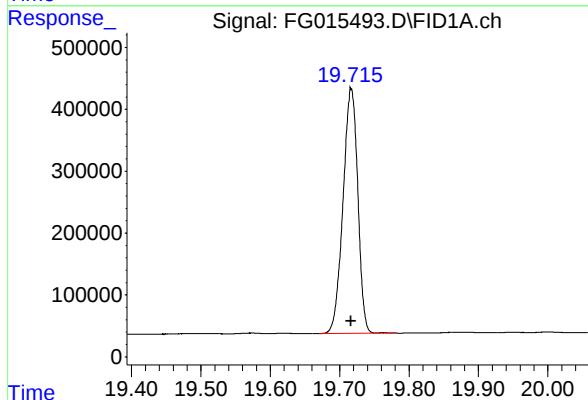
R.T.: 18.098 min  
Delta R.T.: 0.000 min  
Response: 7118748  
Conc: 48.37 ug/ml

Instrument :  
FID\_G  
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50 PPM ALIPHATIC HC STD2



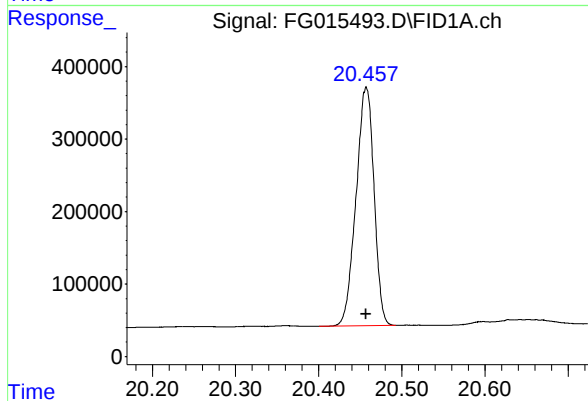
#18 n-Dotriacontane (C32)

R.T.: 18.932 min  
Delta R.T.: 0.000 min  
Response: 6648253  
Conc: 47.99 ug/ml



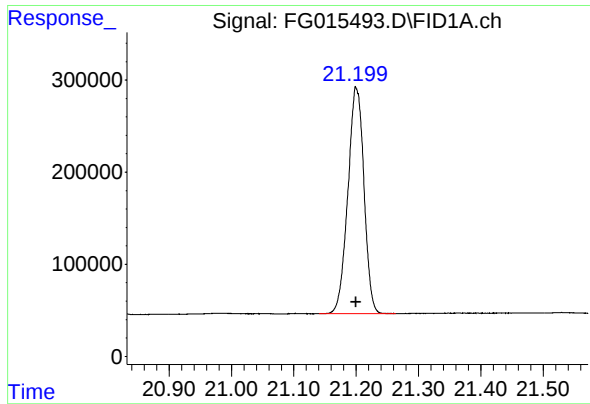
#19 n-Tetatriacontane (C34)

R.T.: 19.717 min  
Delta R.T.: 0.000 min  
Response: 5861029  
Conc: 48.00 ug/ml



#20 n-Hexatriacontane (C36)

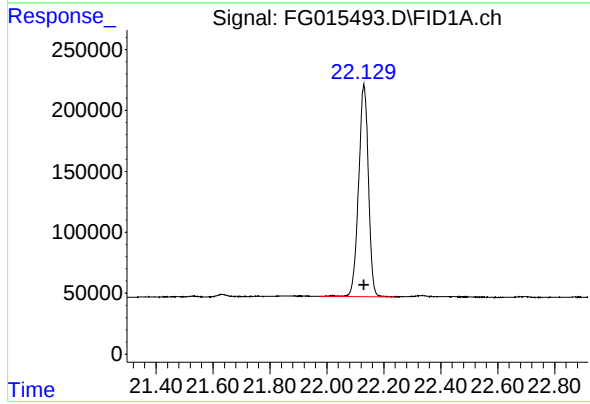
R.T.: 20.457 min  
Delta R.T.: 0.000 min  
Response: 4940846  
Conc: 48.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min  
Delta R.T.: 0.000 min  
Response: 4413616  
Conc: 48.47 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.130 min  
Delta R.T.: 0.000 min  
Response: 4167524  
Conc: 49.10 ug/ml