

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF020125AL\  
 Data File : FF015407.D  
 Signal(s) : FID2B.ch  
 Acq On : 31 Jan 2025 09:08  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jan 31 23:18:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 011425.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 14 15:33:37 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)    | 11.931 | 3026189    | 19.034 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.07%       |
| 12) S 1-chlorooctadecane (S... | 13.369 | 2313975    | 18.561 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.12%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.314  | 2587959    | 19.715 ug/ml |
| 2) T n-Decane (C10)            | 4.569  | 2661317    | 19.896 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.271  | 2885608    | 19.840 ug/ml |
| 4) T n-Dodecane (C12)          | 6.733  | 2722585    | 20.190 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.366  | 2791924    | 19.841 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.560  | 2739284    | 20.274 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.168 | 2852168    | 20.129 ug/ml |
| 8) T n-Octadecane (C18)        | 11.612 | 2886209    | 19.708 ug/ml |
| 10) T n-Eicosane (C20)         | 12.923 | 2747989    | 19.059 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.536 | 2681438    | 18.785 ug/ml |
| 13) T n-Docosane (C22)         | 14.123 | 2657381    | 18.539 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.229 | 2587963    | 17.840 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.251 | 2490167    | 17.523 ug/ml |
| 16) T n-Octacosane (C28)       | 17.203 | 2478917    | 17.815 ug/ml |
| 17) T n-Tricontane (C30)       | 18.092 | 2608023    | 18.726 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.925 | 2567814    | 19.687 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.710 | 2213098    | 20.358 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.451 | 1874592    | 21.313 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.191 | 1750078    | 21.236 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.109 | 1733593    | 21.850 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

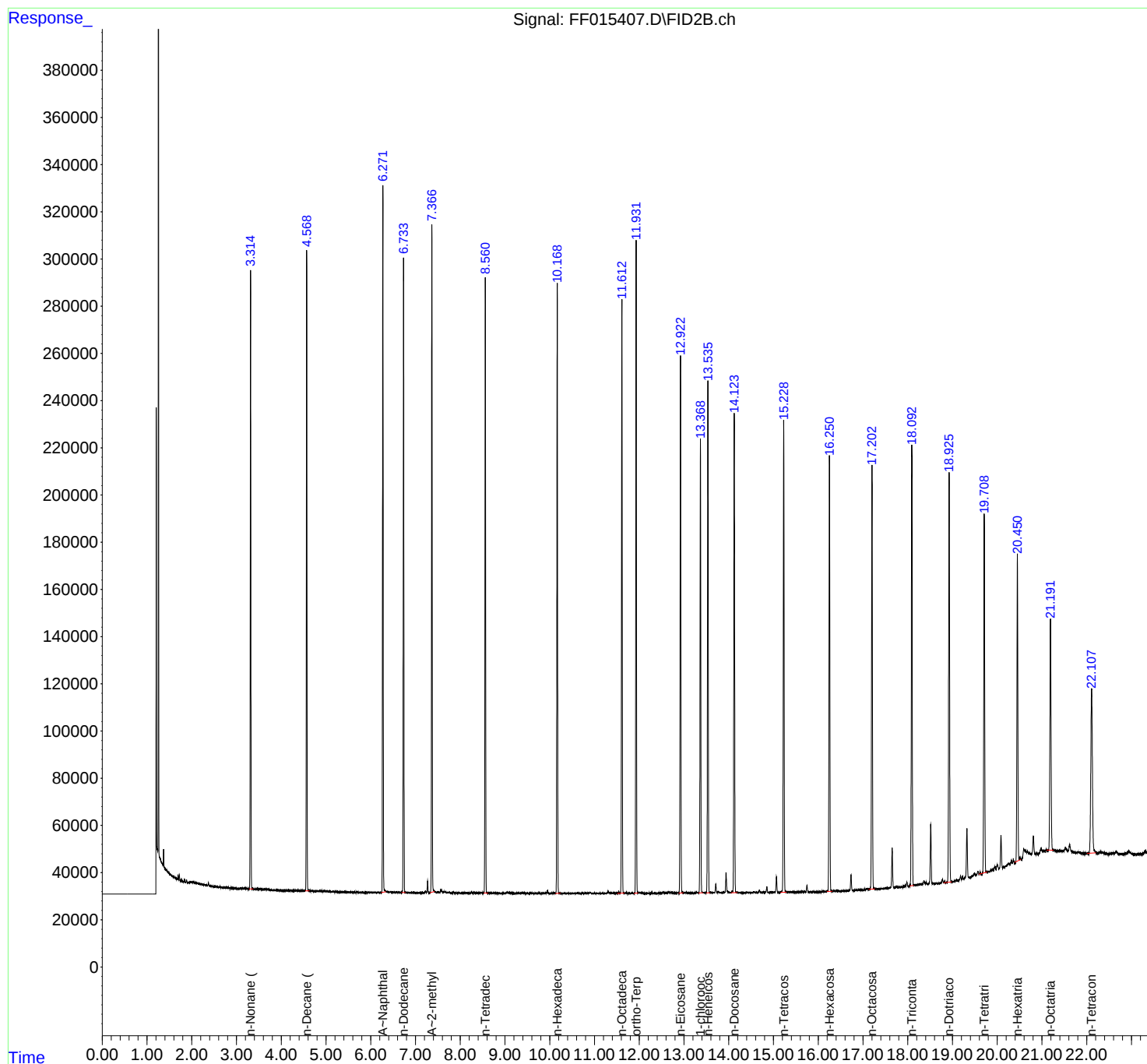
(m)=manual int.

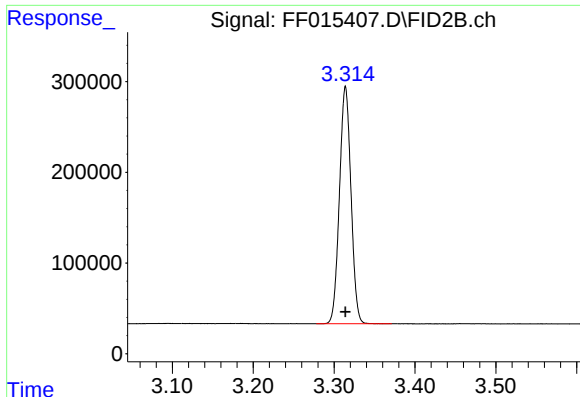
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF020125AL\  
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Signal Info : 20M x 0.18mm x 0.18um

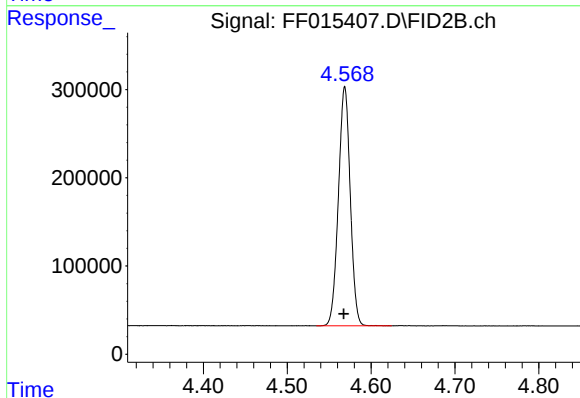




#1 n-Nonane (C9)

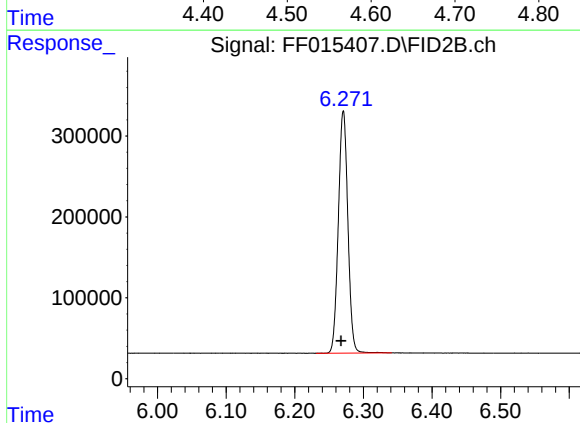
R.T.: 3.314 min  
Delta R.T.: 0.000 min  
Response: 2587959  
Conc: 19.71 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



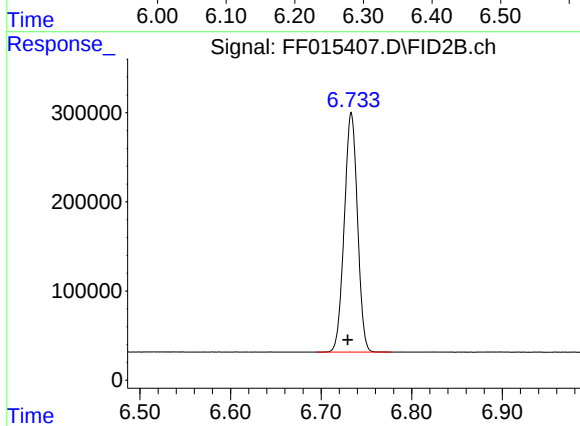
#2 n-Decane (C10)

R.T.: 4.569 min  
Delta R.T.: 0.001 min  
Response: 2661317  
Conc: 19.90 ug/ml



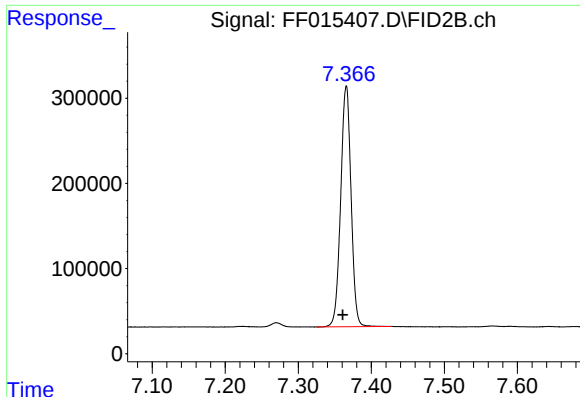
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min  
Delta R.T.: 0.003 min  
Response: 2885608  
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

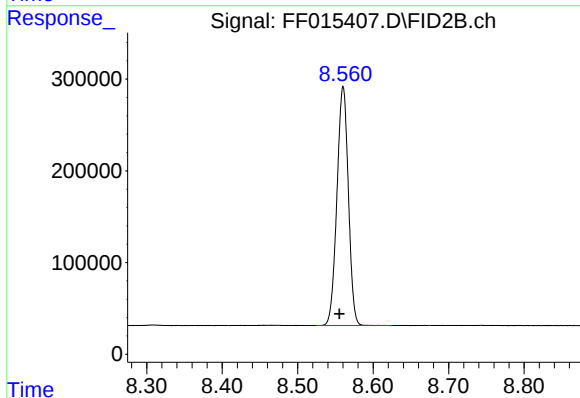
R.T.: 6.733 min  
Delta R.T.: 0.004 min  
Response: 2722585  
Conc: 20.19 ug/ml



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

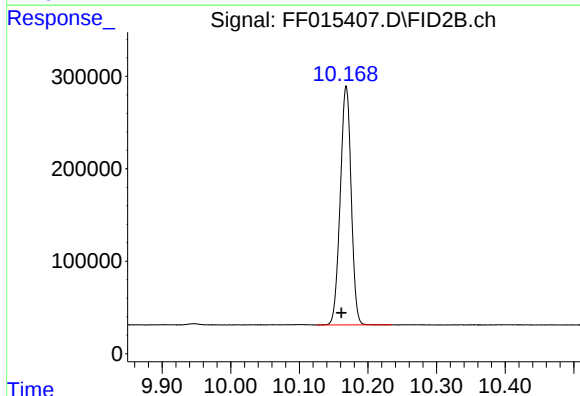
R.T.: 7.366 min  
Delta R.T.: 0.004 min  
Response: 2791924  
Conc: 19.84 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



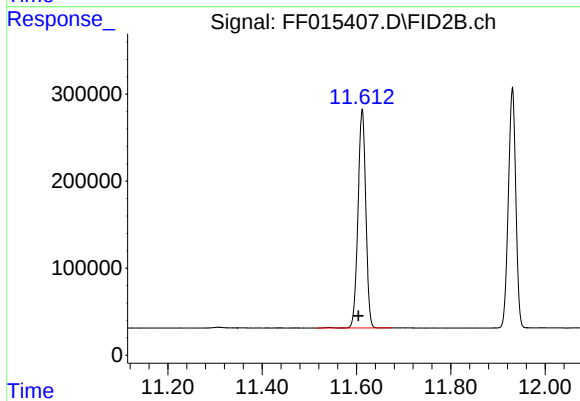
#6 n-Tetradecane (C14)

R.T.: 8.560 min  
Delta R.T.: 0.005 min  
Response: 2739284  
Conc: 20.27 ug/ml



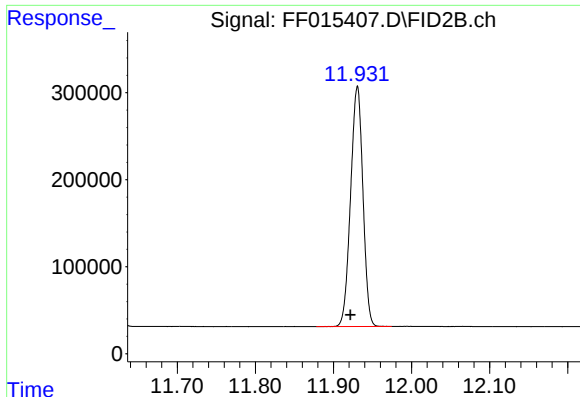
#7 n-Hexadecane (C16)

R.T.: 10.168 min  
Delta R.T.: 0.007 min  
Response: 2852168  
Conc: 20.13 ug/ml



#8 n-Octadecane (C18)

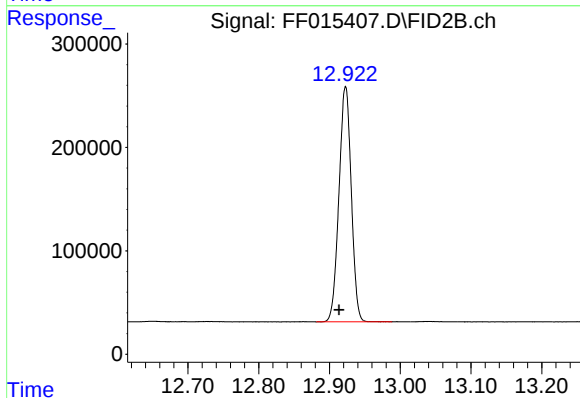
R.T.: 11.612 min  
Delta R.T.: 0.008 min  
Response: 2886209  
Conc: 19.71 ug/ml



#9 ortho-Terphenyl (SURR)

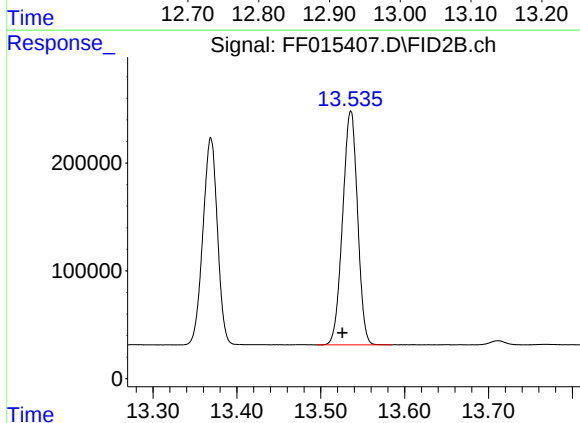
R.T.: 11.931 min  
Delta R.T.: 0.009 min  
Response: 3026189  
Conc: 19.03 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



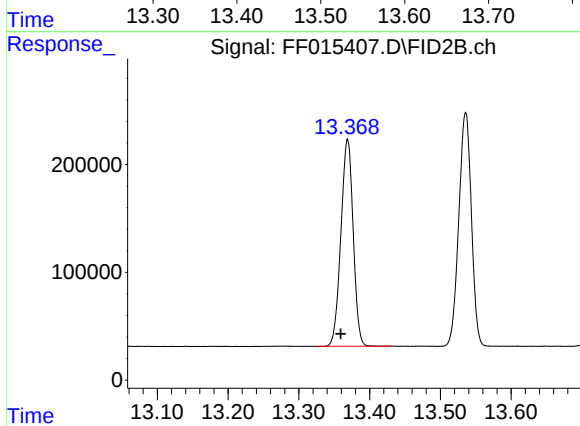
#10 n-Eicosane (C20)

R.T.: 12.923 min  
Delta R.T.: 0.009 min  
Response: 2747989  
Conc: 19.06 ug/ml



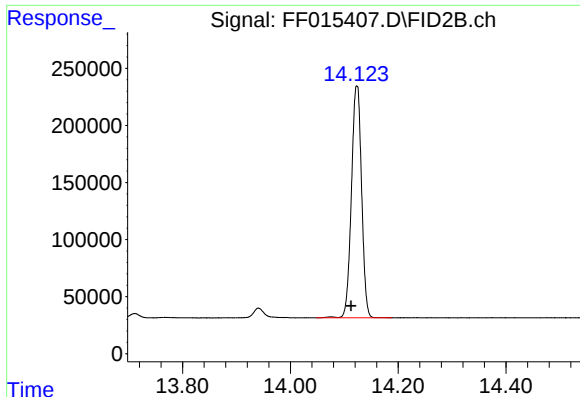
#11 n-Heneicosane (C21)

R.T.: 13.536 min  
Delta R.T.: 0.010 min  
Response: 2681438  
Conc: 18.78 ug/ml



#12 1-chlorooctadecane (SURR)

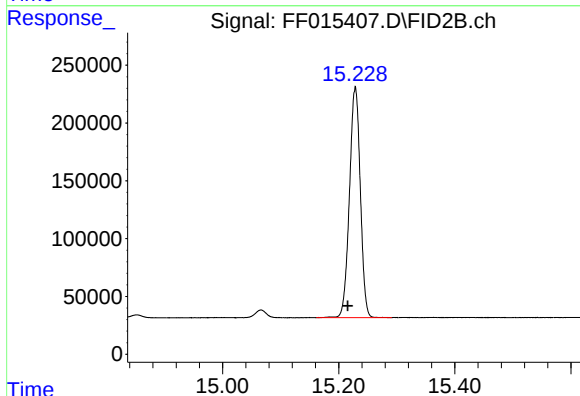
R.T.: 13.369 min  
Delta R.T.: 0.010 min  
Response: 2313975  
Conc: 18.56 ug/ml



#13 n-Docosane (C22)

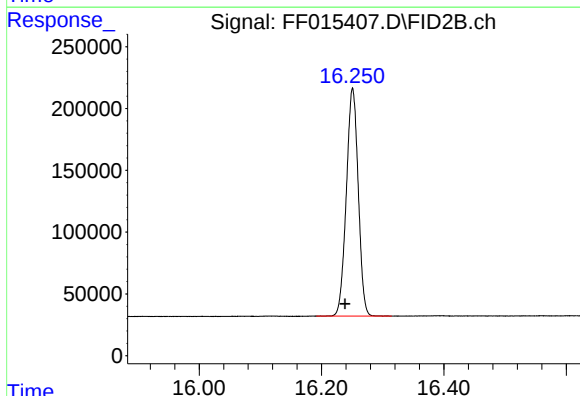
R.T.: 14.123 min  
Delta R.T.: 0.011 min  
Response: 2657381  
Conc: 18.54 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



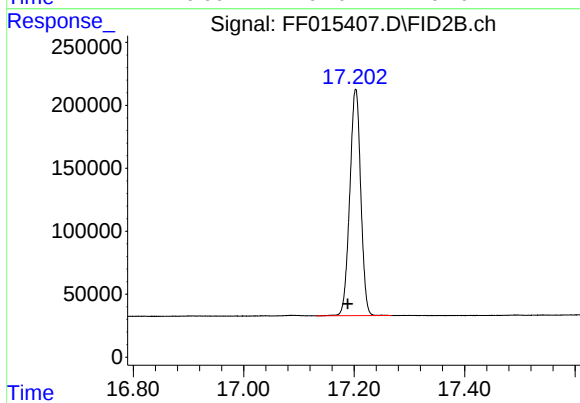
#14 n-Tetracosane (C24)

R.T.: 15.229 min  
Delta R.T.: 0.013 min  
Response: 2587963  
Conc: 17.84 ug/ml



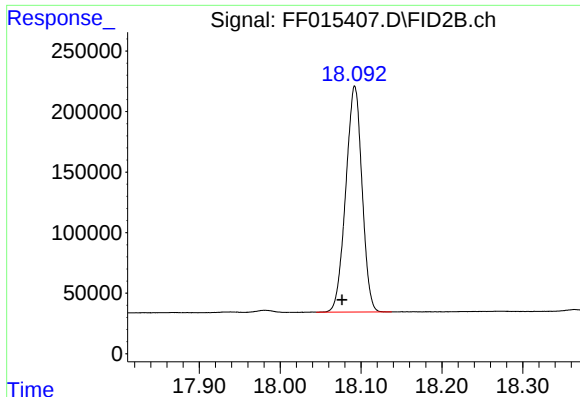
#15 n-Hexacosane (C26)

R.T.: 16.251 min  
Delta R.T.: 0.013 min  
Response: 2490167  
Conc: 17.52 ug/ml



#16 n-Octacosane (C28)

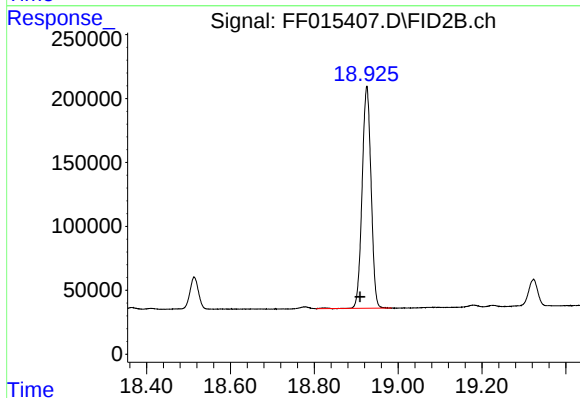
R.T.: 17.203 min  
Delta R.T.: 0.014 min  
Response: 2478917  
Conc: 17.81 ug/ml



#17 n-Tricontane (C30)

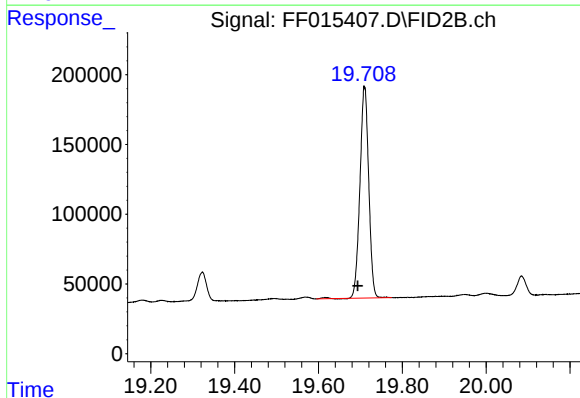
R.T.: 18.092 min  
Delta R.T.: 0.016 min  
Response: 2608023  
Conc: 18.73 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



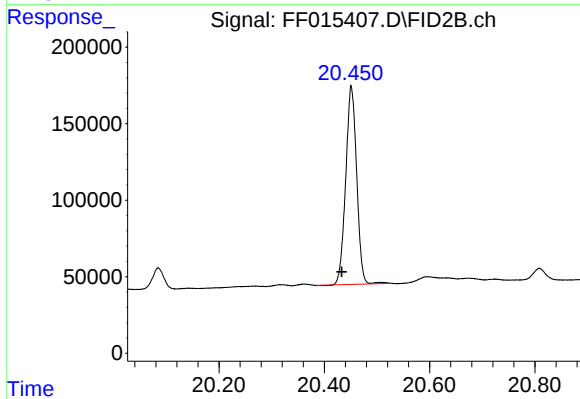
#18 n-Dotriacontane (C32)

R.T.: 18.925 min  
Delta R.T.: 0.016 min  
Response: 2567814  
Conc: 19.69 ug/ml



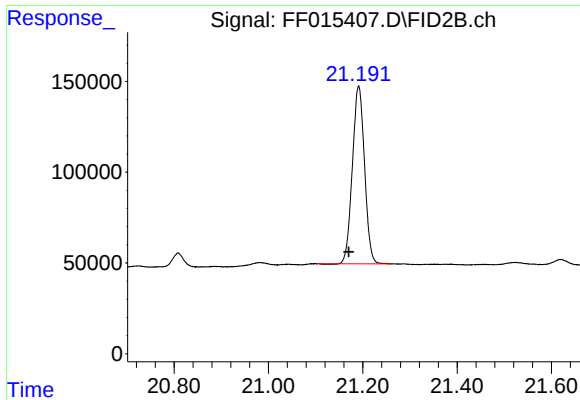
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min  
Delta R.T.: 0.016 min  
Response: 2213098  
Conc: 20.36 ug/ml



#20 n-Hexatriacontane (C36)

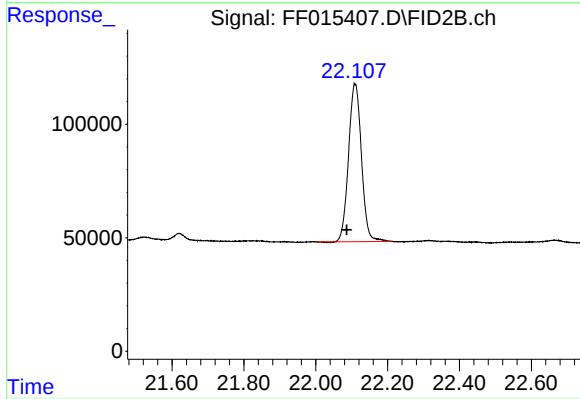
R.T.: 20.451 min  
Delta R.T.: 0.018 min  
Response: 1874592  
Conc: 21.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.191 min  
Delta R.T.: 0.021 min  
Response: 1750078  
Conc: 21.24 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.109 min  
Delta R.T.: 0.023 min  
Response: 1733593  
Conc: 21.85 ug/ml