

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102124AL\  
 Data File : FE050754.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Oct 2024 22:09  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 22 04:49:36 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:32:18 2024  
 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)    | 11.864 | 3024536    | 19.184 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.37%       |
| 12) S 1-chlorooctadecane (S... | 13.297 | 2306966    | 19.502 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.250  | 2739572    | 19.390 ug/ml |
| 2) T n-Decane (C10)            | 4.501  | 2823729    | 19.681 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.213  | 2851324    | 19.941 ug/ml |
| 4) T n-Dodecane (C12)          | 6.669  | 2841855    | 19.744 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.309  | 2665107    | 20.117 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.496  | 2816917    | 19.689 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.102 | 2887098    | 19.618 ug/ml |
| 8) T n-Octadecane (C18)        | 11.543 | 2898431    | 19.404 ug/ml |
| 10) T n-Eicosane (C20)         | 12.850 | 2773631    | 19.342 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.462 | 2710163    | 19.299 ug/ml |
| 13) T n-Docosane (C22)         | 14.048 | 2694502    | 19.206 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.150 | 2709347    | 19.178 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.170 | 2707252    | 19.239 ug/ml |
| 16) T n-Octacosane (C28)       | 17.118 | 2720330    | 18.590 ug/ml |
| 17) T n-Tricontane (C30)       | 18.006 | 2970879    | 18.684 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.838 | 3039445    | 18.749 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.621 | 2762184    | 18.804 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.361 | 2435920    | 19.209 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.085 | 2352959    | 19.030 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.974 | 2007715    | 18.031 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

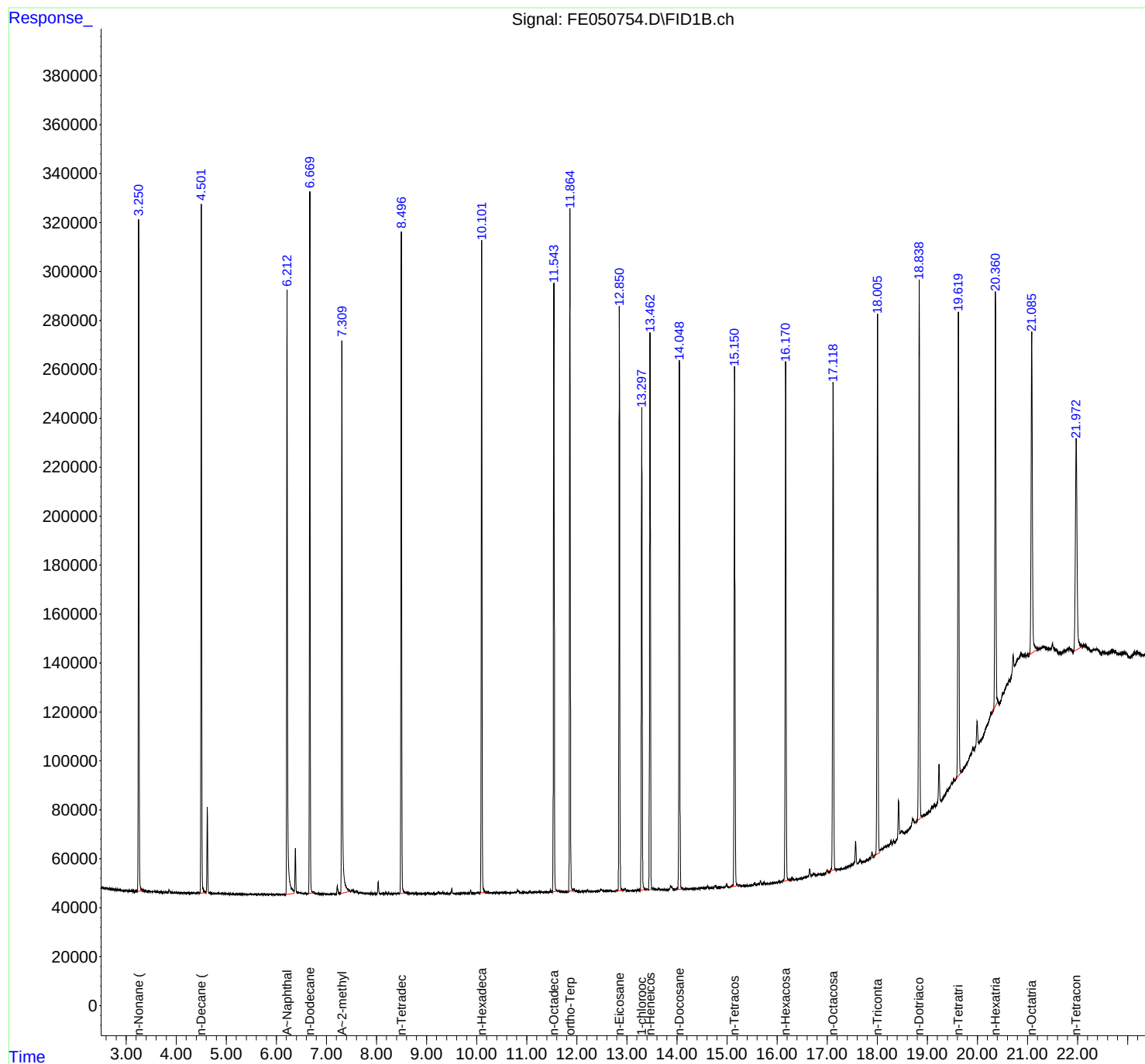
(m)=manual int.

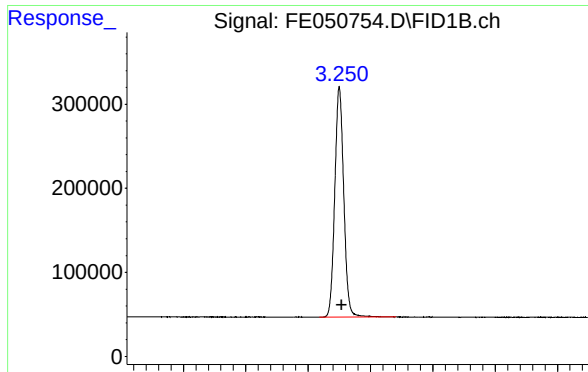
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102124AL\  
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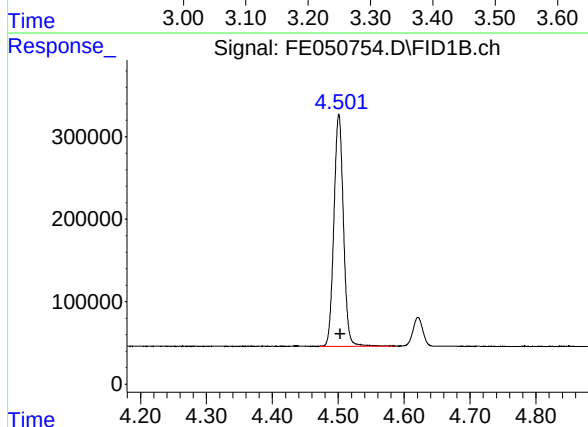




#1 n-Nonane (C9)

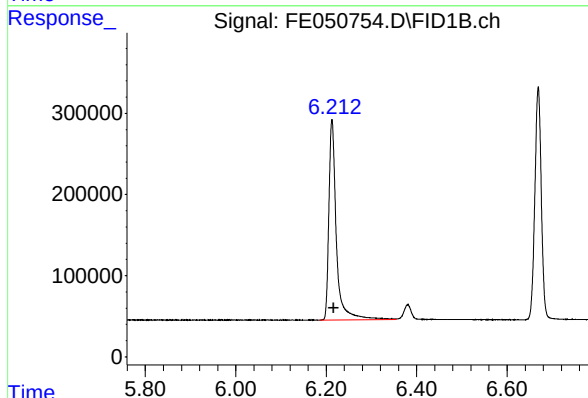
R.T.: 3.250 min  
Delta R.T.: -0.004 min  
Response: 2739572  
Conc: 19.39 ug/ml

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



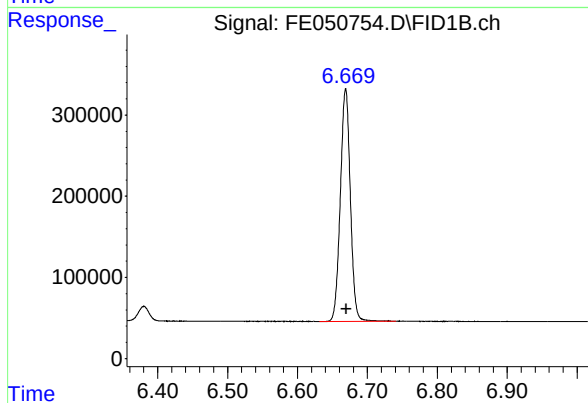
#2 n-Decane (C10)

R.T.: 4.501 min  
Delta R.T.: -0.002 min  
Response: 2823729  
Conc: 19.68 ug/ml



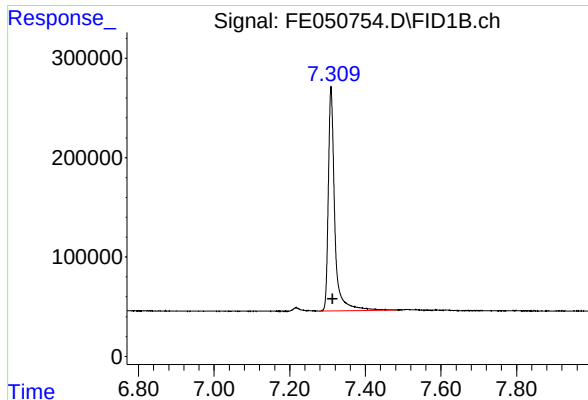
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min  
Delta R.T.: -0.004 min  
Response: 2851324  
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

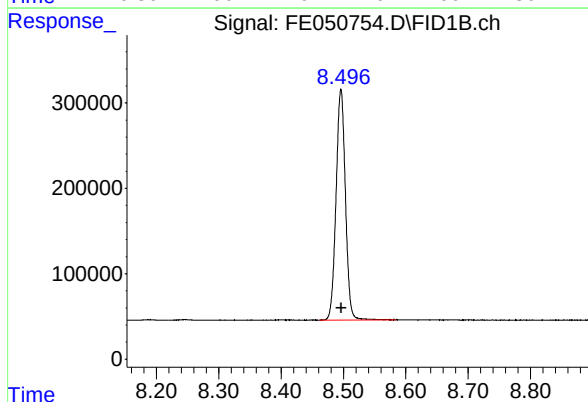
R.T.: 6.669 min  
Delta R.T.: 0.000 min  
Response: 2841855  
Conc: 19.74 ug/ml



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

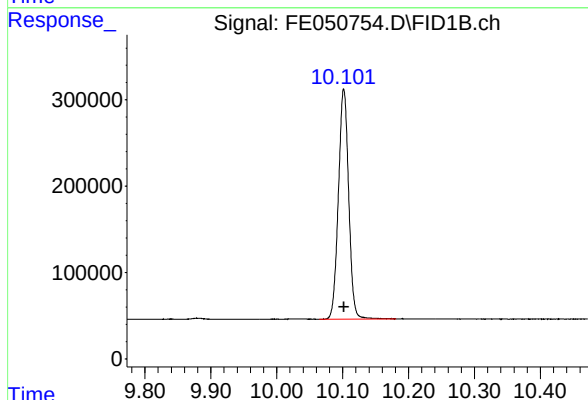
R.T.: 7.309 min  
Delta R.T.: -0.003 min  
Response: 2665107  
Conc: 20.12 ug/ml

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



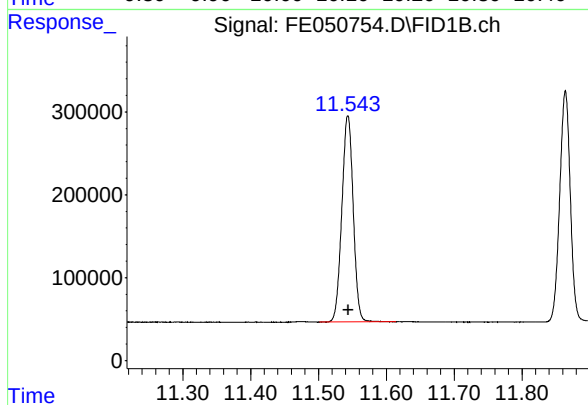
#6 n-Tetradecane (C14)

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 2816917  
Conc: 19.69 ug/ml



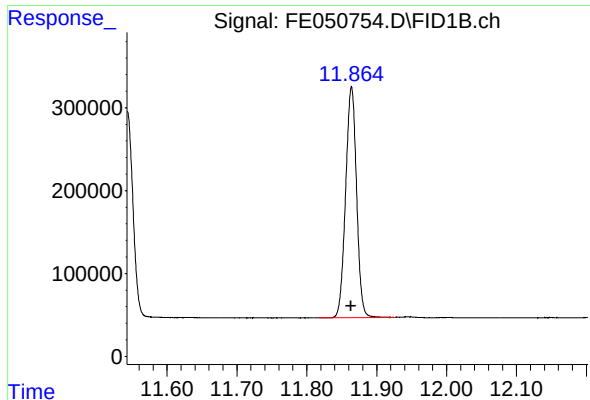
#7 n-Hexadecane (C16)

R.T.: 10.102 min  
Delta R.T.: 0.000 min  
Response: 2887098  
Conc: 19.62 ug/ml



#8 n-Octadecane (C18)

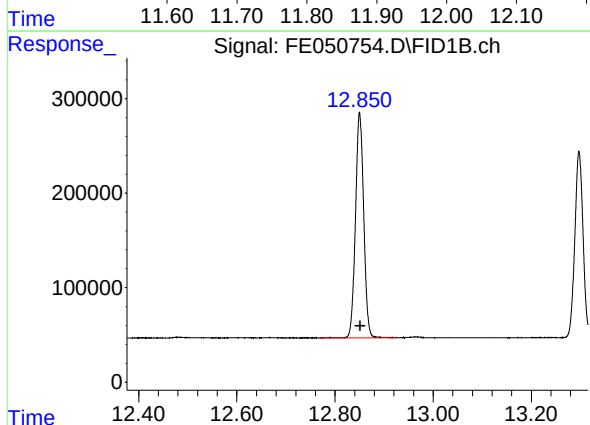
R.T.: 11.543 min  
Delta R.T.: 0.000 min  
Response: 2898431  
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

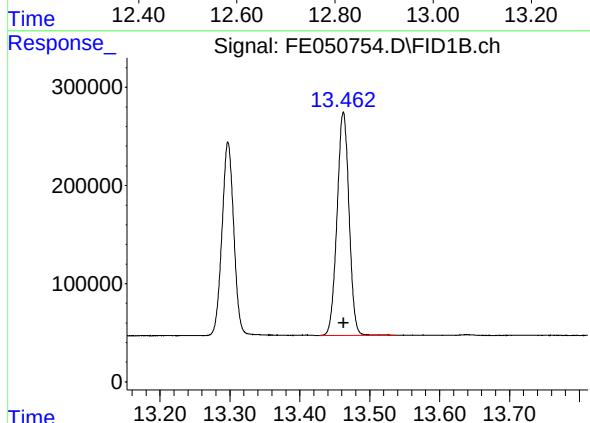
R.T.: 11.864 min  
Delta R.T.: 0.000 min  
Response: 3024536  
Conc: 19.18 ug/ml

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



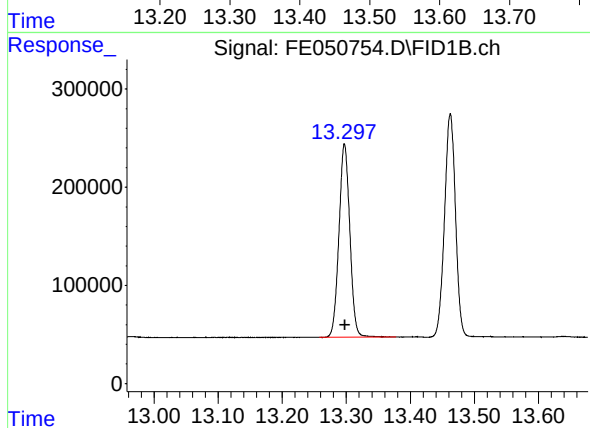
#10 n-Eicosane (C20)

R.T.: 12.850 min  
Delta R.T.: -0.001 min  
Response: 2773631  
Conc: 19.34 ug/ml



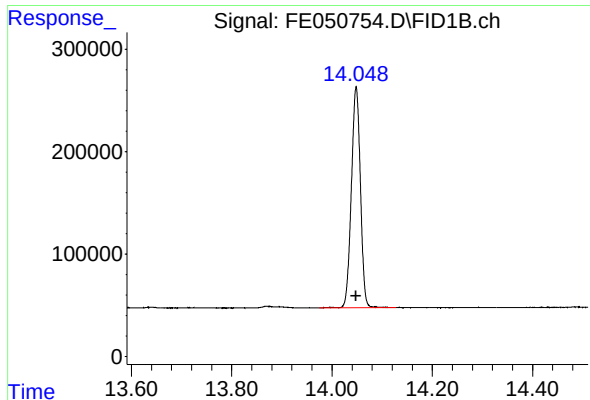
#11 n-Heneicosane (C21)

R.T.: 13.462 min  
Delta R.T.: 0.000 min  
Response: 2710163  
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

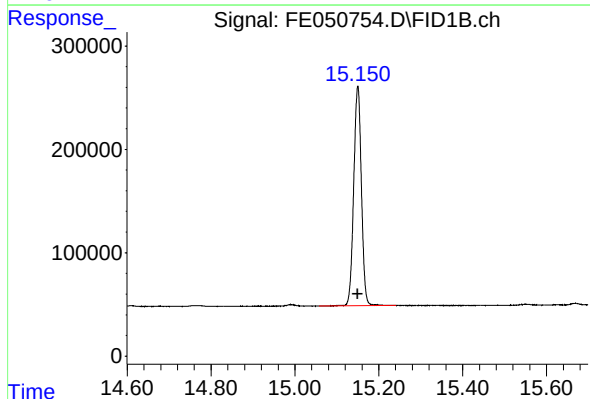
R.T.: 13.297 min  
Delta R.T.: 0.000 min  
Response: 2306966  
Conc: 19.50 ug/ml



#13 n-Docosane (C22)

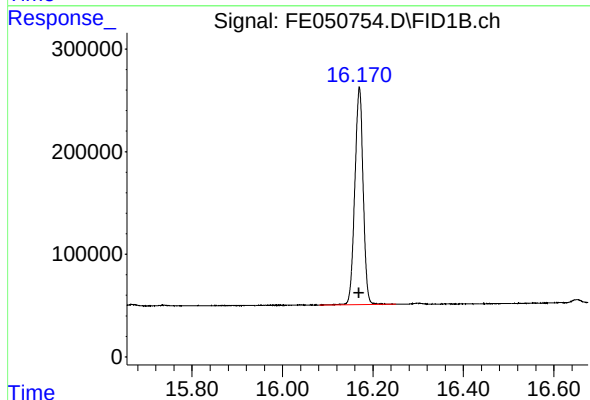
R.T.: 14.048 min  
Delta R.T.: 0.000 min  
Response: 2694502  
Conc: 19.21 ug/ml

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



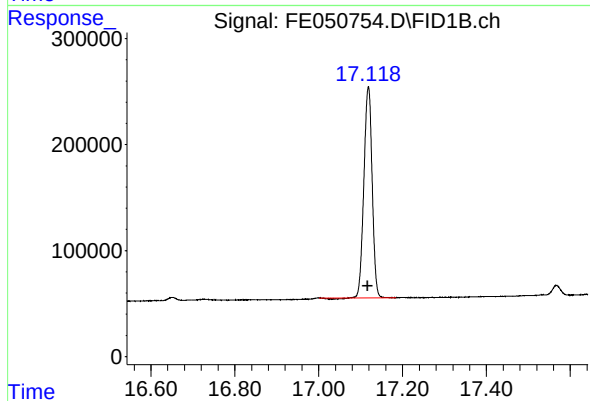
#14 n-Tetracosane (C24)

R.T.: 15.150 min  
Delta R.T.: 0.000 min  
Response: 2709347  
Conc: 19.18 ug/ml



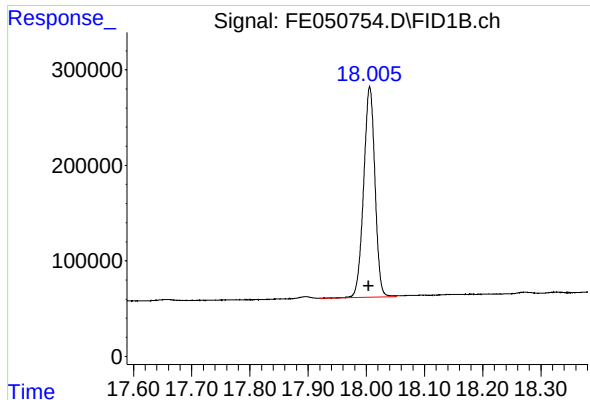
#15 n-Hexacosane (C26)

R.T.: 16.170 min  
Delta R.T.: 0.000 min  
Response: 2707252  
Conc: 19.24 ug/ml



#16 n-Octacosane (C28)

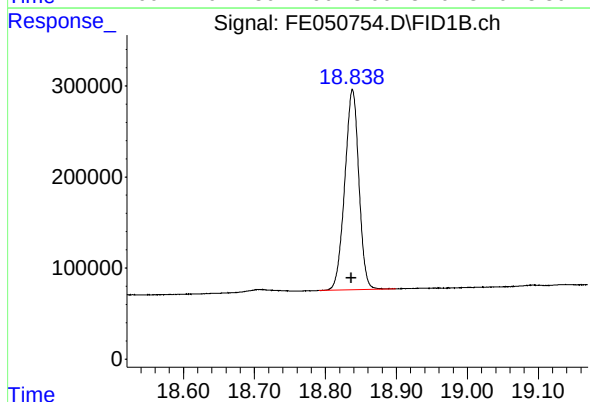
R.T.: 17.118 min  
Delta R.T.: 0.001 min  
Response: 2720330  
Conc: 18.59 ug/ml



#17 n-Tricontane (C30)

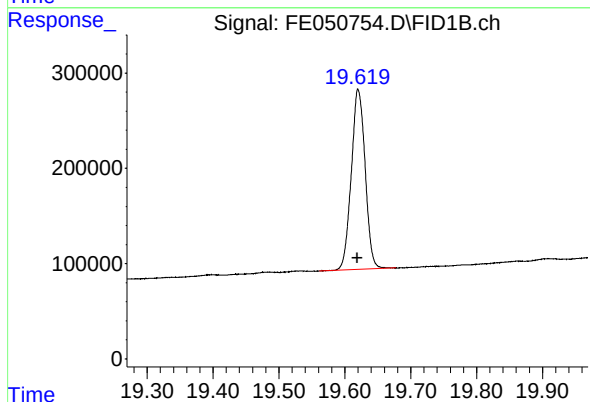
R.T.: 18.006 min  
Delta R.T.: 0.002 min  
Response: 2970879  
Conc: 18.68 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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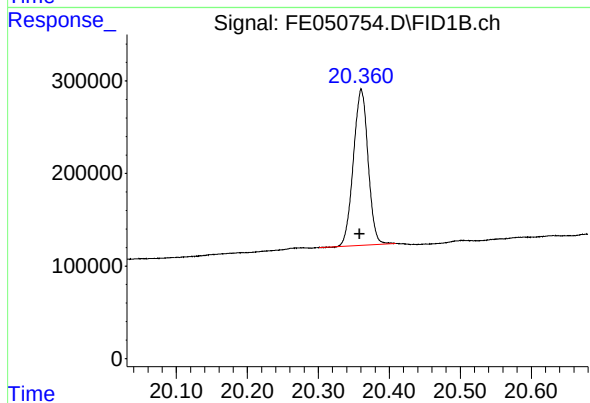
#18 n-Dotriacontane (C32)

R.T.: 18.838 min  
Delta R.T.: 0.002 min  
Response: 3039445  
Conc: 18.75 ug/ml



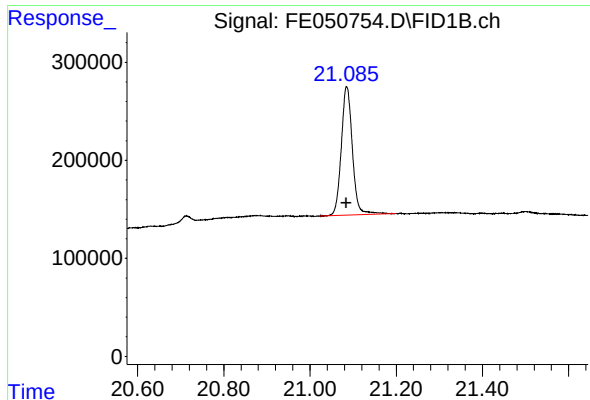
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min  
Delta R.T.: 0.002 min  
Response: 2762184  
Conc: 18.80 ug/ml



#20 n-Hexatriacontane (C36)

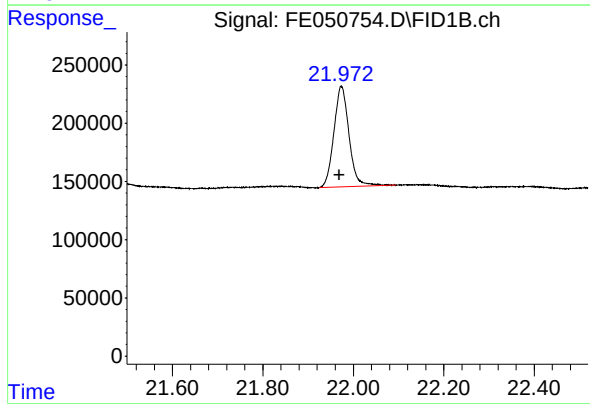
R.T.: 20.361 min  
Delta R.T.: 0.002 min  
Response: 2435920  
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min  
Delta R.T.: 0.001 min  
Response: 2352959  
Conc: 19.03 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.974 min  
Delta R.T.: 0.004 min  
Response: 2007715  
Conc: 18.03 ug/ml