

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE083124AL\  
 Data File : FE049864.D  
 Signal(s) : FID1B.ch  
 Acq On : 30 Aug 2024 23:52  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Aug 31 04:16:32 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 11:05:17 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)    | 11.878 | 3034255    | 18.763 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.53%       |
| 12) S 1-chlorooctadecane (S... | 13.313 | 2336150    | 19.148 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.30%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.269  | 2583210    | 16.692 ug/ml |
| 2) T n-Decane (C10)            | 4.519  | 2599719    | 16.465 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.226  | 2876624    | 17.928 ug/ml |
| 4) T n-Dodecane (C12)          | 6.686  | 2859183    | 18.187 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.322  | 2759725    | 18.428 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.512  | 2833170    | 18.352 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.118 | 2928316    | 18.750 ug/ml |
| 8) T n-Octadecane (C18)        | 11.560 | 2962801    | 18.865 ug/ml |
| 10) T n-Eicosane (C20)         | 12.868 | 2833693    | 18.979 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.479 | 2788188    | 19.006 ug/ml |
| 13) T n-Docosane (C22)         | 14.064 | 2755759    | 18.907 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.164 | 2799103    | 19.242 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.184 | 2759664    | 19.121 ug/ml |
| 16) T n-Octacosane (C28)       | 17.133 | 2910604    | 20.207 ug/ml |
| 17) T n-Tricontane (C30)       | 18.020 | 3308804    | 22.102 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.850 | 3479701    | 23.001 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.633 | 3414018    | 22.331 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.372 | 3165613    | 20.847 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.099 | 3068356    | 19.550 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.989 | 2484173    | 16.271 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

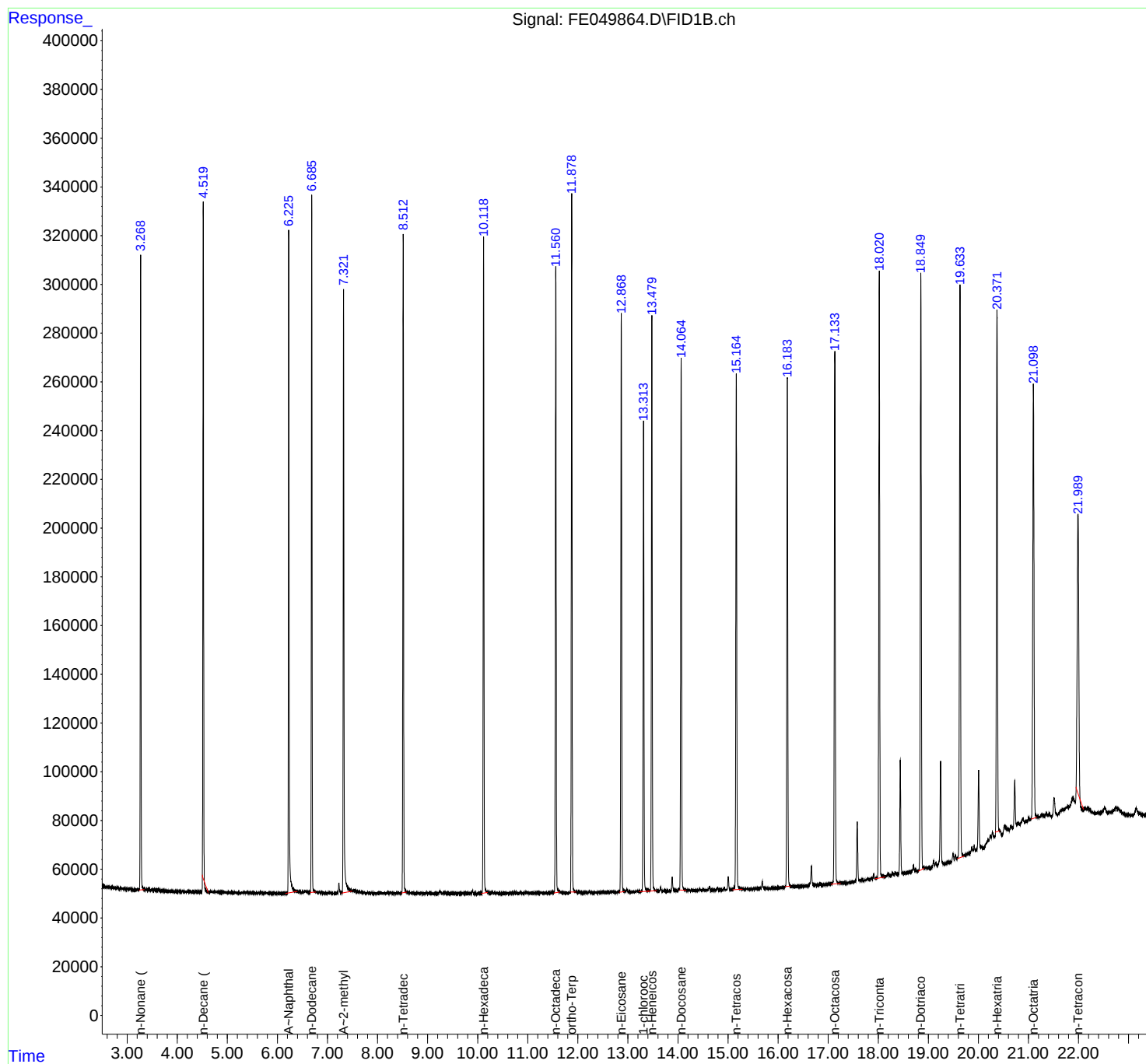
(m)=manual int.

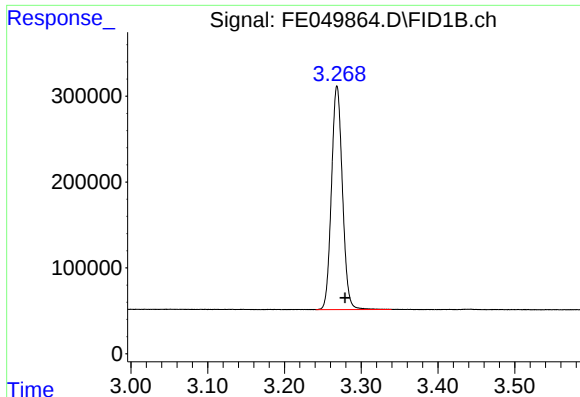
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE083124AL\  
Data File : FE049864.D  
Signal(s) : FID1B.ch  
Acq On : 30 Aug 2024 23:52  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Aug 31 04:16:32 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 11:05:17 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

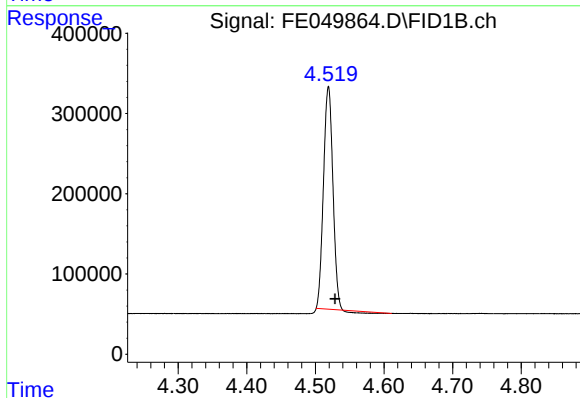




#1 n-Nonane (C9)

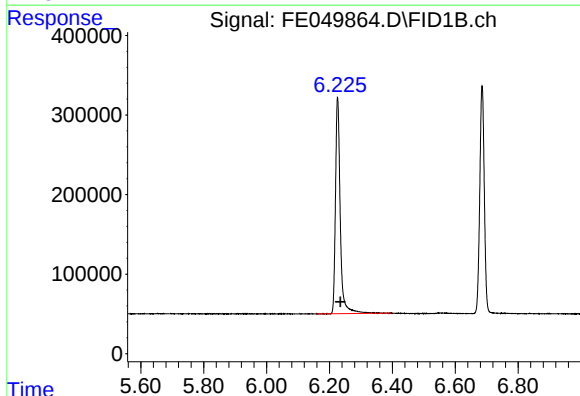
R.T.: 3.269 min  
Delta R.T.: -0.010 min  
Response: 2583210  
Conc: 16.69 ug/ml

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



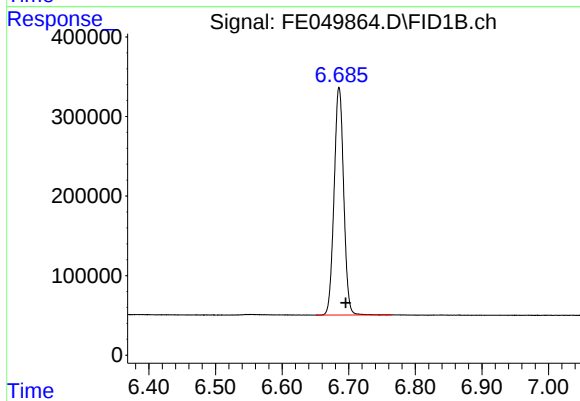
#2 n-Decane (C10)

R.T.: 4.519 min  
Delta R.T.: -0.010 min  
Response: 2599719  
Conc: 16.47 ug/ml



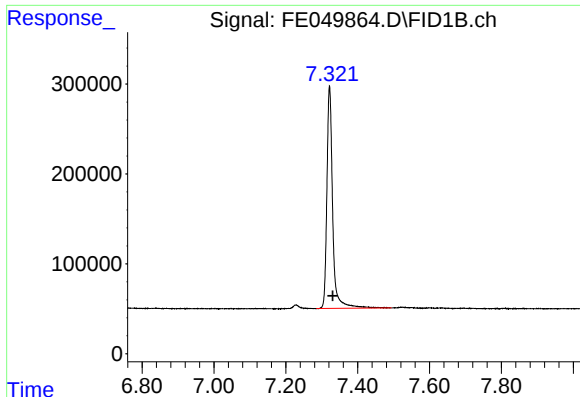
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min  
Delta R.T.: -0.009 min  
Response: 2876624  
Conc: 17.93 ug/ml



#4 n-Dodecane (C12)

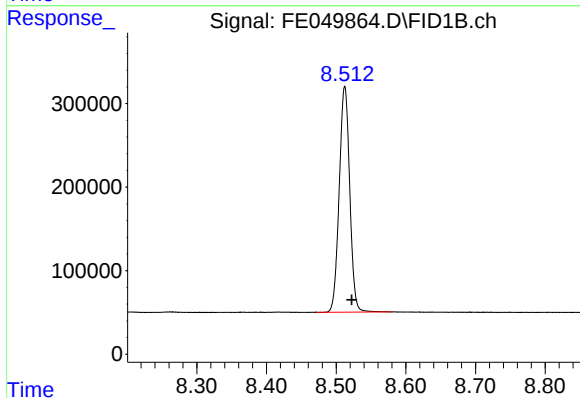
R.T.: 6.686 min  
Delta R.T.: -0.010 min  
Response: 2859183  
Conc: 18.19 ug/ml



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

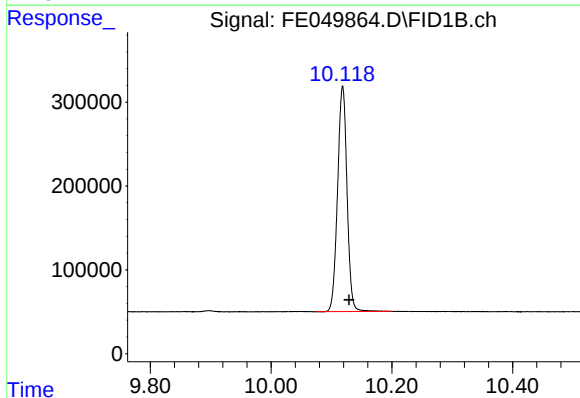
R.T.: 7.322 min  
Delta R.T.: -0.009 min  
Response: 2759725  
Conc: 18.43 ug/ml

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



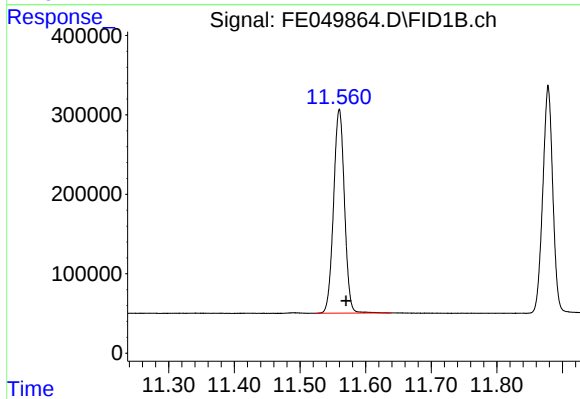
#6 n-Tetradecane (C14)

R.T.: 8.512 min  
Delta R.T.: -0.010 min  
Response: 2833170  
Conc: 18.35 ug/ml



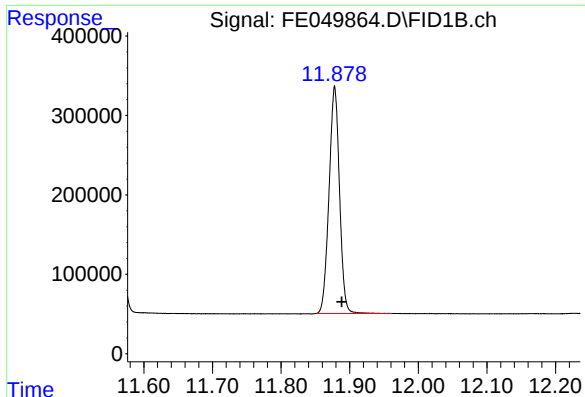
#7 n-Hexadecane (C16)

R.T.: 10.118 min  
Delta R.T.: -0.011 min  
Response: 2928316  
Conc: 18.75 ug/ml



#8 n-Octadecane (C18)

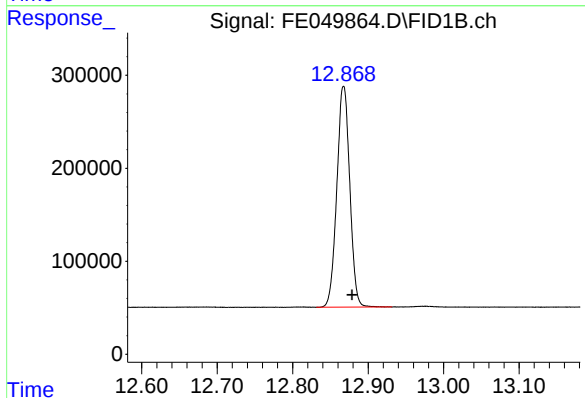
R.T.: 11.560 min  
Delta R.T.: -0.011 min  
Response: 2962801  
Conc: 18.86 ug/ml



#9 ortho-Terphenyl (SURR)

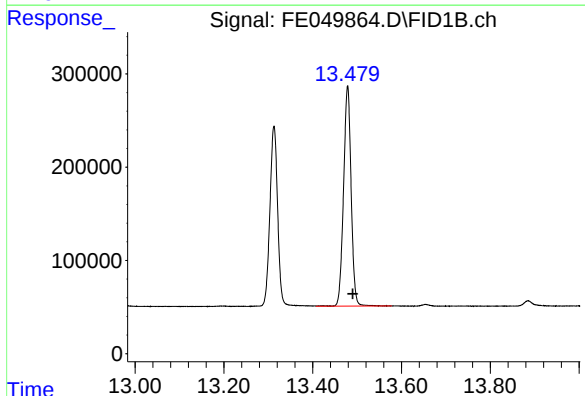
R.T.: 11.878 min  
Delta R.T.: -0.010 min  
Response: 3034255  
Conc: 18.76 ug/ml

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



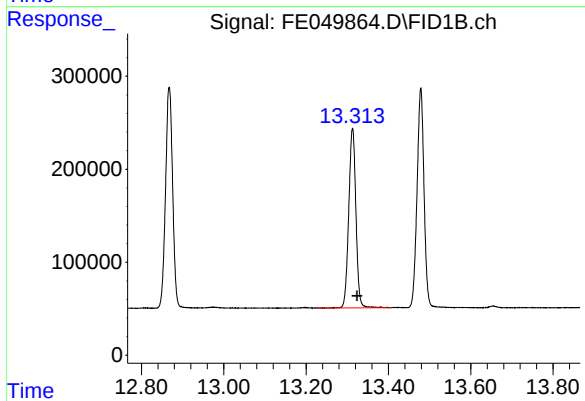
#10 n-Eicosane (C20)

R.T.: 12.868 min  
Delta R.T.: -0.011 min  
Response: 2833693  
Conc: 18.98 ug/ml



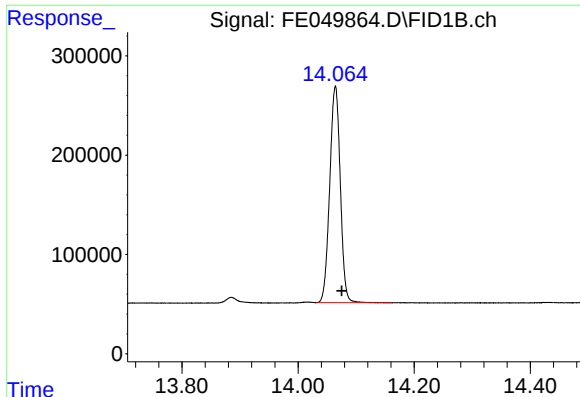
#11 n-Heneicosane (C21)

R.T.: 13.479 min  
Delta R.T.: -0.011 min  
Response: 2788188  
Conc: 19.01 ug/ml



#12 1-chlorooctadecane (SURR)

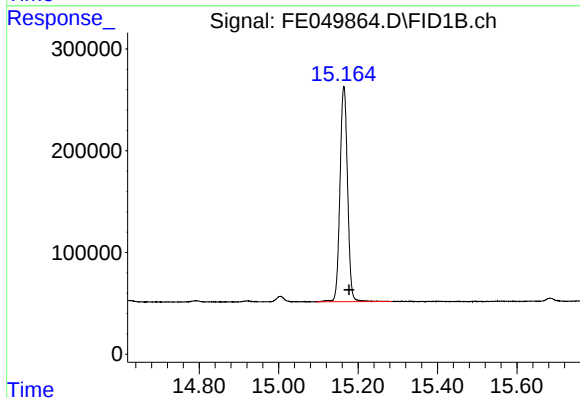
R.T.: 13.313 min  
Delta R.T.: -0.011 min  
Response: 2336150  
Conc: 19.15 ug/ml



#13 n-Docosane (C22)

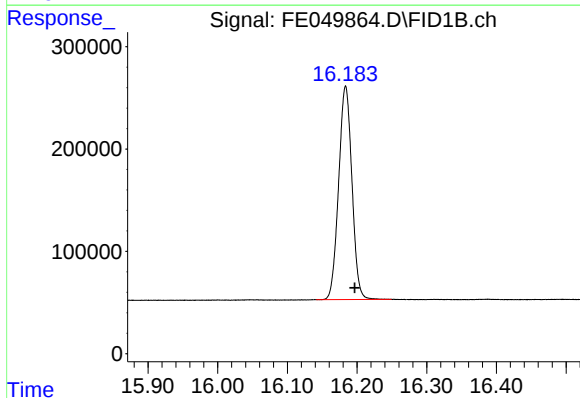
R.T.: 14.064 min  
Delta R.T.: -0.011 min  
Response: 2755759  
Conc: 18.91 ug/ml

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



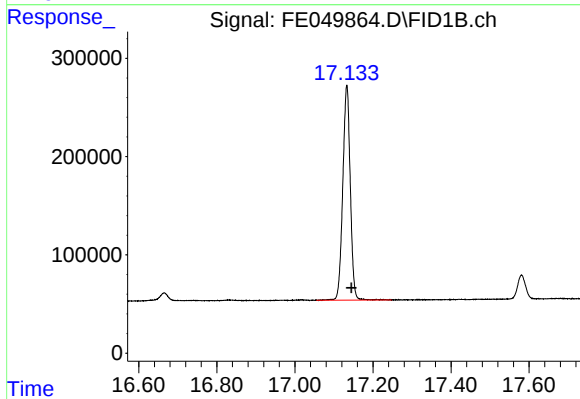
#14 n-Tetracosane (C24)

R.T.: 15.164 min  
Delta R.T.: -0.013 min  
Response: 2799103  
Conc: 19.24 ug/ml



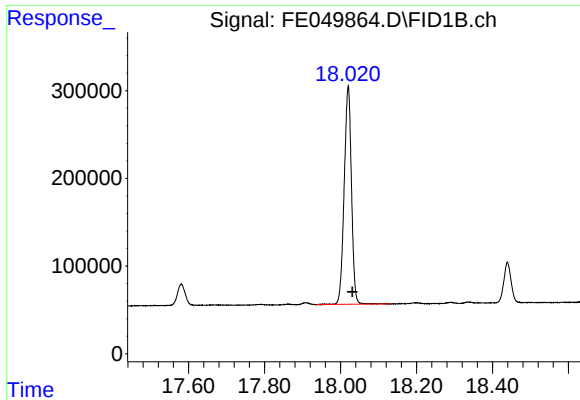
#15 n-Hexacosane (C26)

R.T.: 16.184 min  
Delta R.T.: -0.013 min  
Response: 2759664  
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

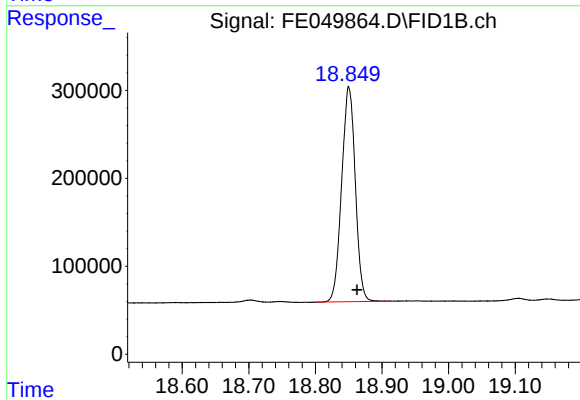
R.T.: 17.133 min  
Delta R.T.: -0.012 min  
Response: 2910604  
Conc: 20.21 ug/ml



#17 n-Tricontane (C30)

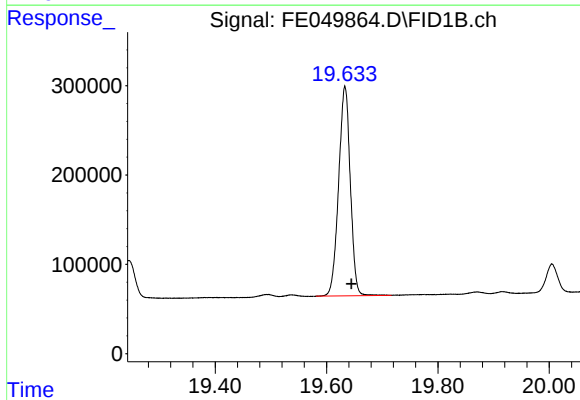
R.T.: 18.020 min  
Delta R.T.: -0.011 min  
Response: 3308804  
Conc: 22.10 ug/ml

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



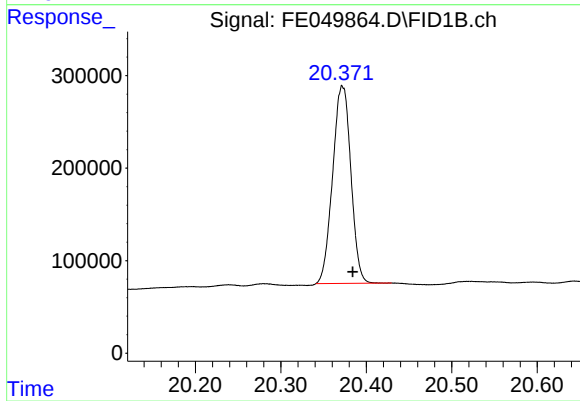
#18 n-Dotriacontane (C32)

R.T.: 18.850 min  
Delta R.T.: -0.012 min  
Response: 3479701  
Conc: 23.00 ug/ml



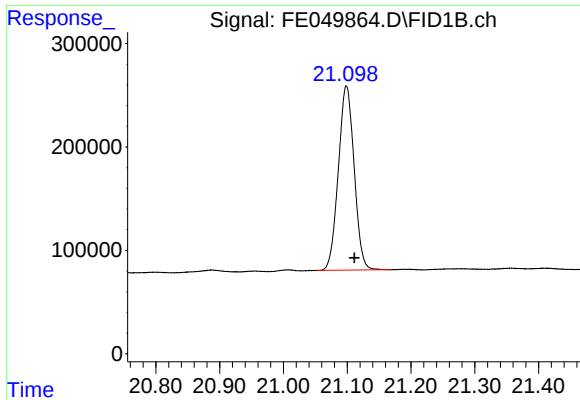
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min  
Delta R.T.: -0.011 min  
Response: 3414018  
Conc: 22.33 ug/ml



#20 n-Hexatriacontane (C36)

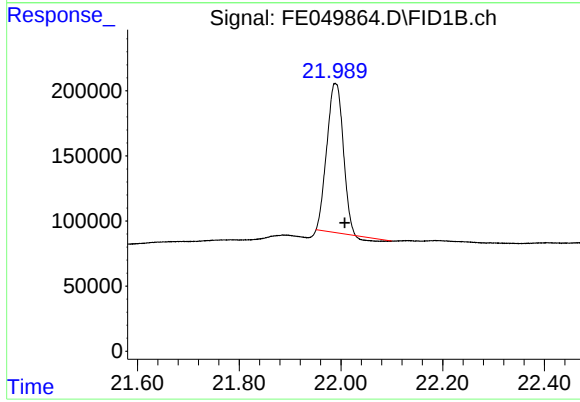
R.T.: 20.372 min  
Delta R.T.: -0.012 min  
Response: 3165613  
Conc: 20.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.099 min  
Delta R.T.: -0.013 min  
Response: 3068356  
Conc: 19.55 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.989 min  
Delta R.T.: -0.018 min  
Response: 2484173  
Conc: 16.27 ug/ml