

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010225AL\  
 Data File : FE051829.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Jan 2025 17:54  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Jan 03 03:49:04 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 010225.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 03 01:16:25 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)    | 12.128 | 13404274   | 92.475 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 184.95%      |
| 12) S 1-chlorooctadecane (S... | 13.557 | 10650674   | 92.687 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 185.37%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.527  | 10196368   | 92.314 ug/ml |
| 2) T n-Decane (C10)            | 4.771  | 10502237   | 92.293 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.475  | 11767153   | 92.265 ug/ml |
| 4) T n-Dodecane (C12)          | 6.925  | 10858755   | 92.466 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.567  | 11654016   | 93.115 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.750  | 11121631   | 92.760 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.357 | 11863199   | 92.702 ug/ml |
| 8) T n-Octadecane (C18)        | 11.802 | 12314437   | 92.544 ug/ml |
| 10) T n-Eicosane (C20)         | 13.111 | 12140019   | 92.265 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.724 | 12098611   | 92.059 ug/ml |
| 13) T n-Docosane (C22)         | 14.310 | 12127200   | 92.441 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.413 | 12227053   | 92.309 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.435 | 12102834   | 92.239 ug/ml |
| 16) T n-Octacosane (C28)       | 17.385 | 11840909   | 91.708 ug/ml |
| 17) T n-Tricontane (C30)       | 18.274 | 11891590   | 90.457 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.105 | 11441613   | 90.157 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.886 | 10124664   | 91.123 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.626 | 9281583    | 94.078 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.413 | 8789655    | 93.426 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.409 | 8350507    | 90.714 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

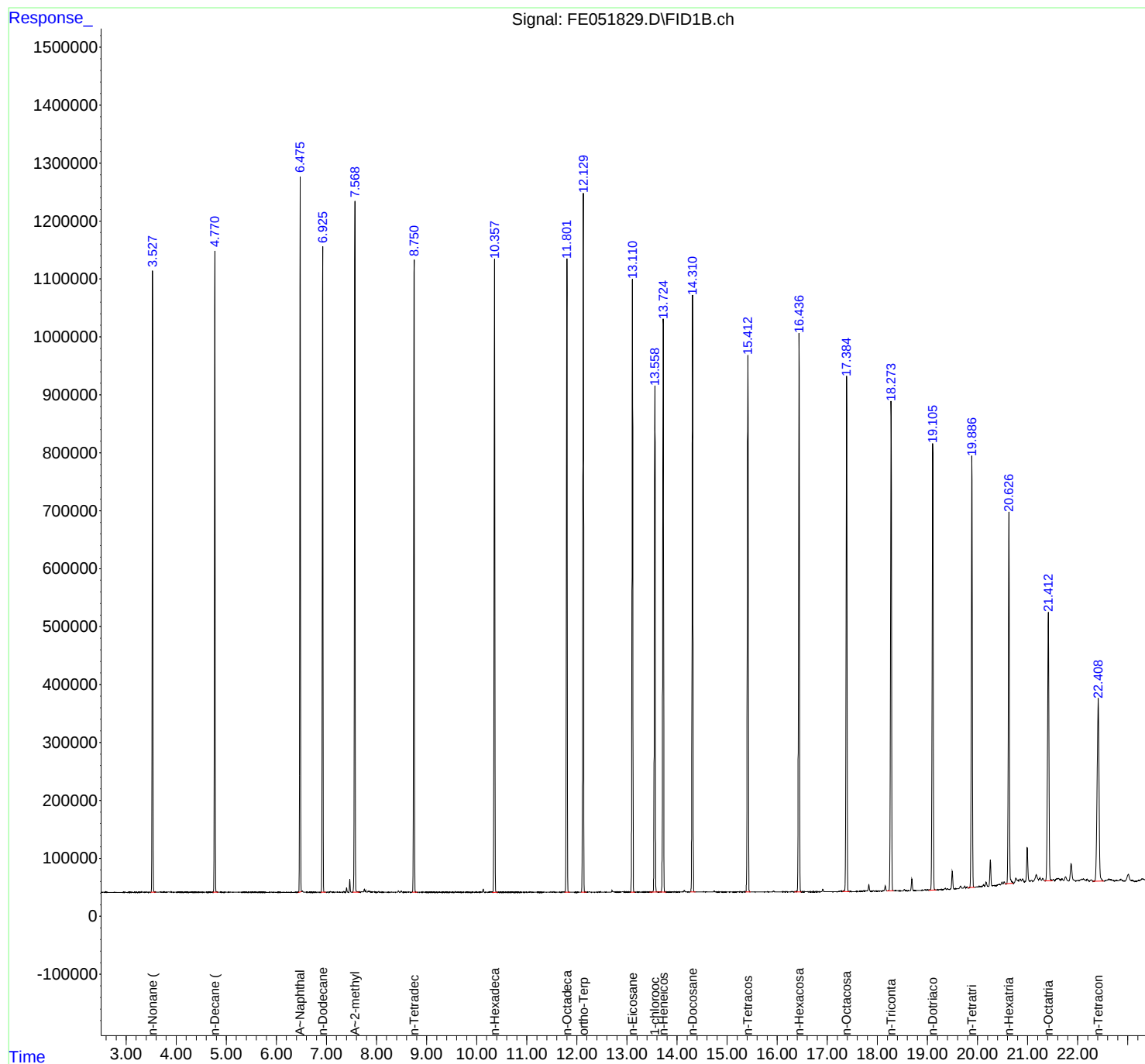
(m)=manual int.

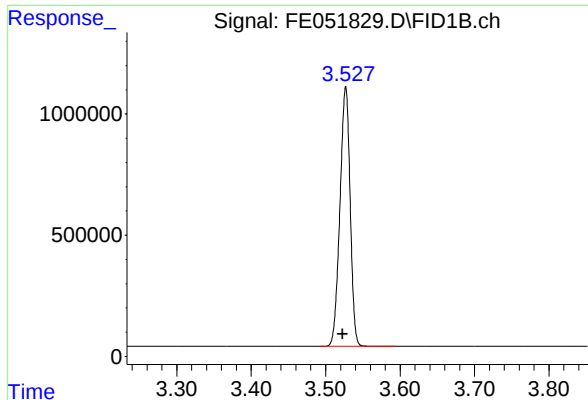
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010225AL\  
Data File : FE051829.D  
Signal(s) : FID1B.ch  
Acq On : 02 Jan 2025 17:54  
Operator : YP\AJ  
Sample : 100 PPM ALIPHATIC HC STD1  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
FID\_E  
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100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
Quant Time: Jan 03 03:49:04 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 010225.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 03 01:16:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

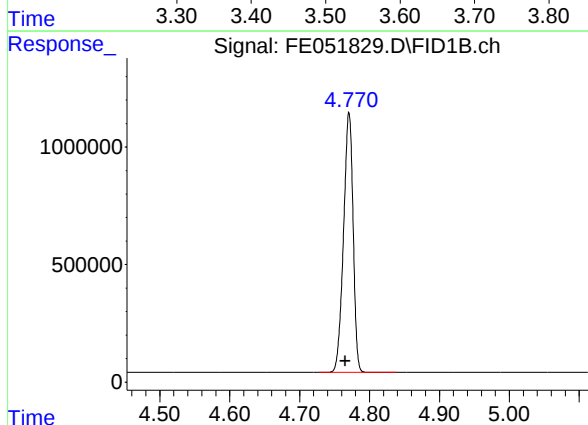




#1 n-Nonane (C9)

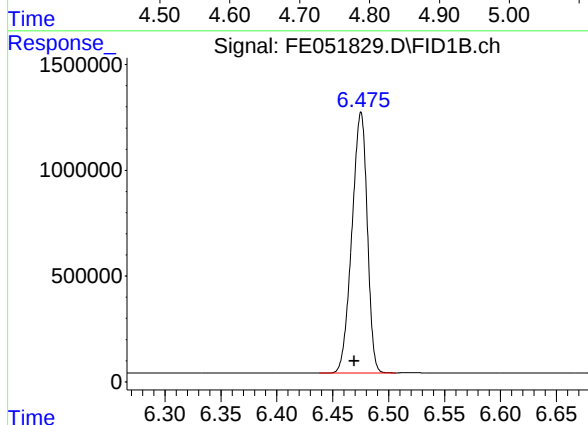
R.T.: 3.527 min  
Delta R.T.: 0.004 min  
Response: 10196368  
Conc: 92.31 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



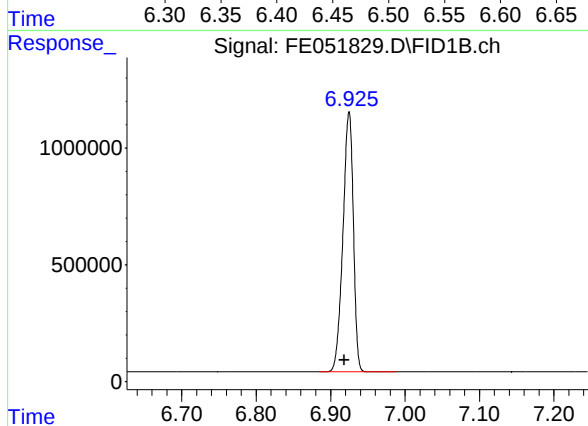
#2 n-Decane (C10)

R.T.: 4.771 min  
Delta R.T.: 0.005 min  
Response: 10502237  
Conc: 92.29 ug/ml



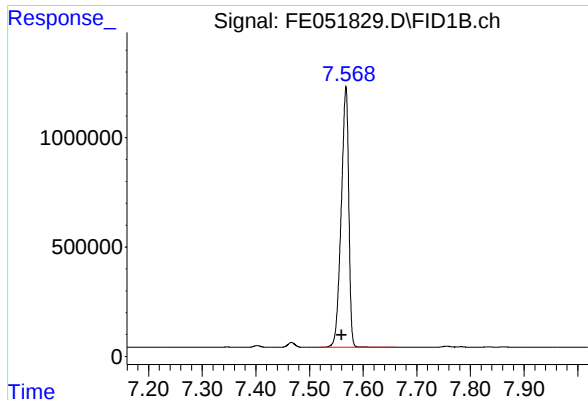
#3 A~Naphthalene (C11.7)

R.T.: 6.475 min  
Delta R.T.: 0.006 min  
Response: 11767153  
Conc: 92.26 ug/ml



#4 n-Dodecane (C12)

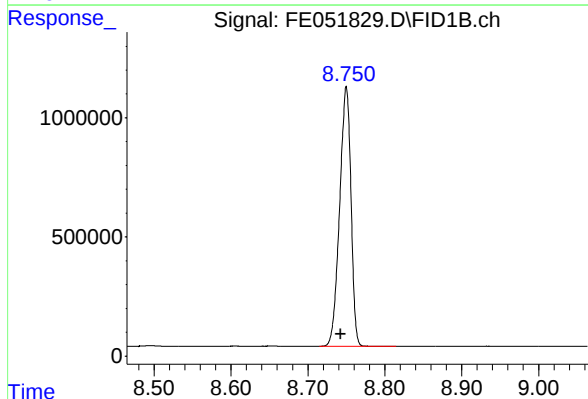
R.T.: 6.925 min  
Delta R.T.: 0.006 min  
Response: 10858755  
Conc: 92.47 ug/ml



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

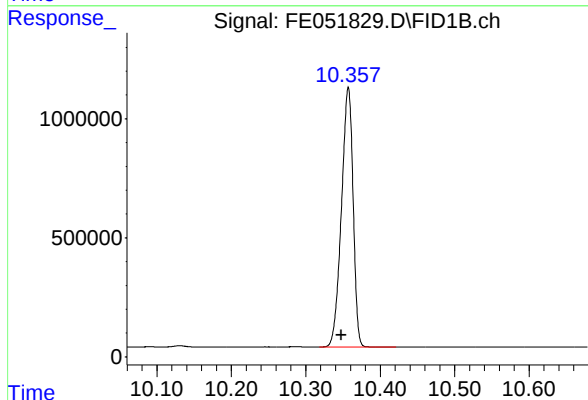
R.T.: 7.567 min  
Delta R.T.: 0.008 min  
Response: 11654016  
Conc: 93.12 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



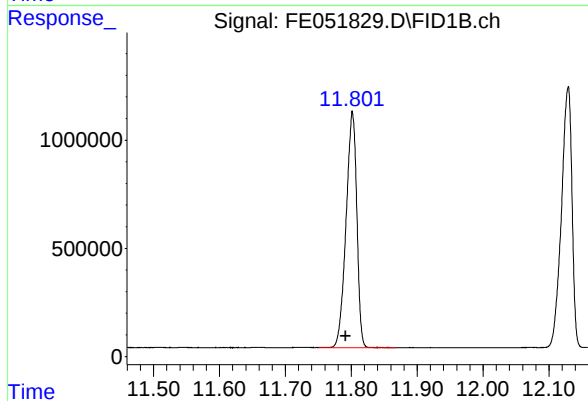
#6 n-Tetradecane (C14)

R.T.: 8.750 min  
Delta R.T.: 0.007 min  
Response: 11121631  
Conc: 92.76 ug/ml



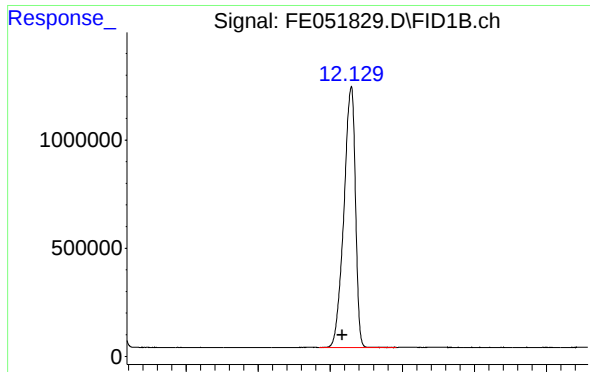
#7 n-Hexadecane (C16)

R.T.: 10.357 min  
Delta R.T.: 0.009 min  
Response: 11863199  
Conc: 92.70 ug/ml



#8 n-Octadecane (C18)

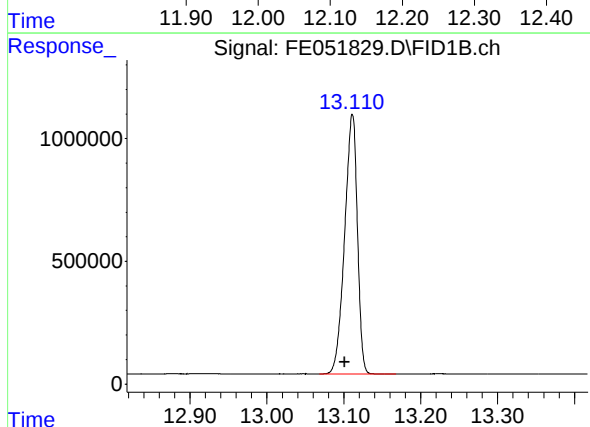
R.T.: 11.802 min  
Delta R.T.: 0.010 min  
Response: 12314437  
Conc: 92.54 ug/ml



#9 ortho-Terphenyl (SURR)

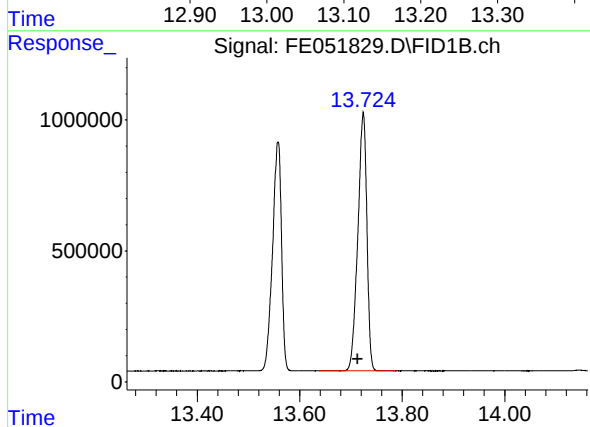
R.T.: 12.128 min  
Delta R.T.: 0.012 min  
Response: 13404274  
Conc: 92.48 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



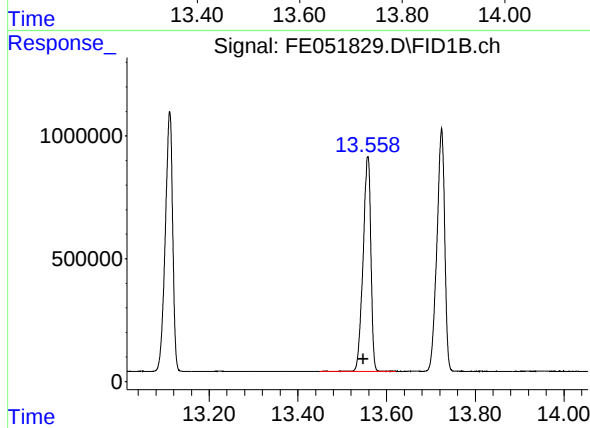
#10 n-Eicosane (C20)

R.T.: 13.111 min  
Delta R.T.: 0.010 min  
Response: 12140019  
Conc: 92.27 ug/ml



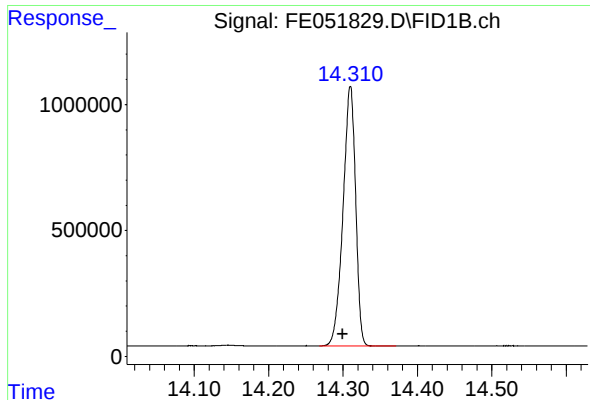
#11 n-Heneicosane (C21)

R.T.: 13.724 min  
Delta R.T.: 0.010 min  
Response: 12098611  
Conc: 92.06 ug/ml



#12 1-chlorooctadecane (SURR)

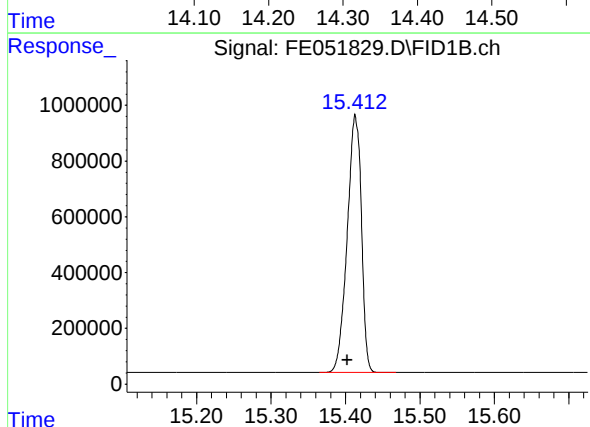
R.T.: 13.557 min  
Delta R.T.: 0.010 min  
Response: 10650674  
Conc: 92.69 ug/ml



#13 n-Docosane (C22)

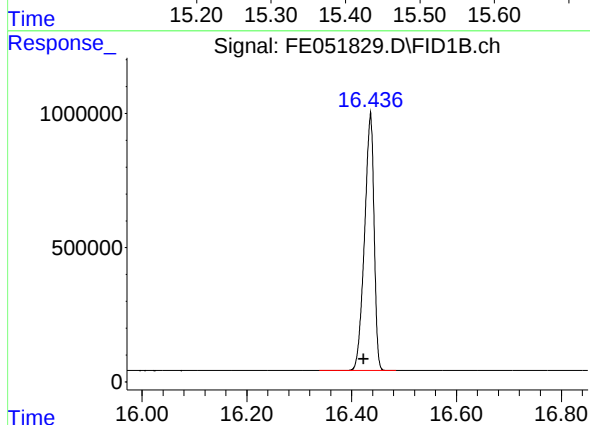
R.T.: 14.310 min  
Delta R.T.: 0.010 min  
Response: 12127200  
Conc: 92.44 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



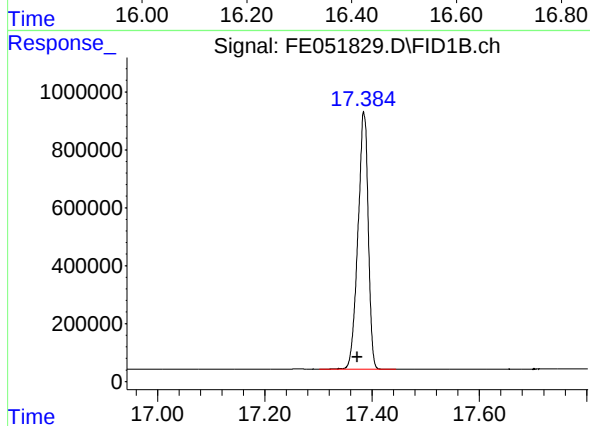
#14 n-Tetracosane (C24)

R.T.: 15.413 min  
Delta R.T.: 0.011 min  
Response: 12227053  
Conc: 92.31 ug/ml



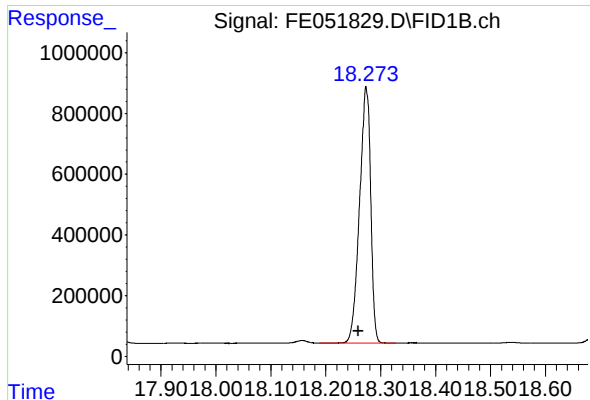
#15 n-Hexacosane (C26)

R.T.: 16.435 min  
Delta R.T.: 0.013 min  
Response: 12102834  
Conc: 92.24 ug/ml



#16 n-Octacosane (C28)

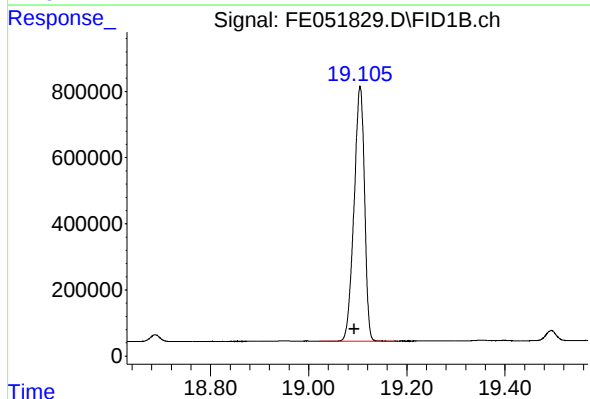
R.T.: 17.385 min  
Delta R.T.: 0.012 min  
Response: 11840909  
Conc: 91.71 ug/ml



#17 n-Tricontane (C30)

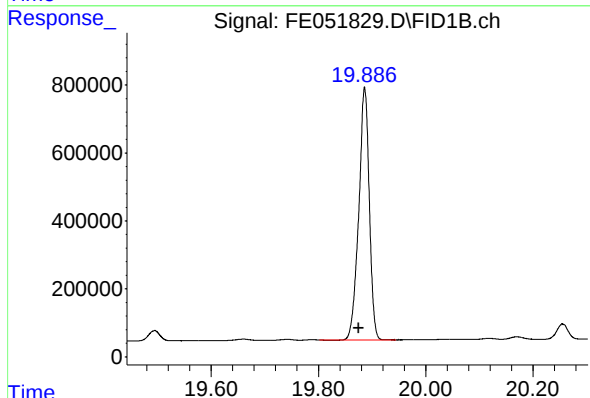
R.T.: 18.274 min  
Delta R.T.: 0.014 min  
Response: 11891590  
Conc: 90.46 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



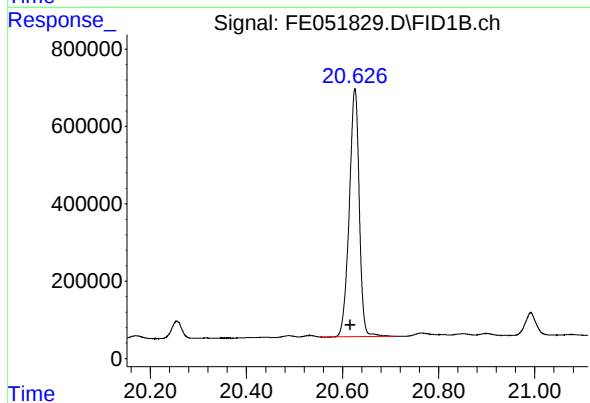
#18 n-Dotriacontane (C32)

R.T.: 19.105 min  
Delta R.T.: 0.012 min  
Response: 11441613  
Conc: 90.16 ug/ml



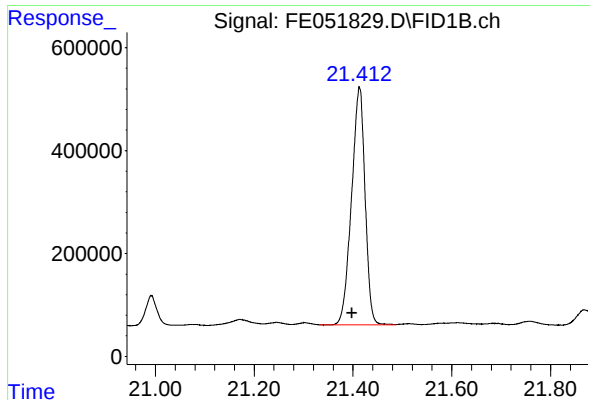
#19 n-Tetatriacontane (C34)

R.T.: 19.886 min  
Delta R.T.: 0.011 min  
Response: 10124664  
Conc: 91.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.626 min  
Delta R.T.: 0.009 min  
Response: 9281583  
Conc: 94.08 ug/ml



#21 n-Octatriacontane (C38)

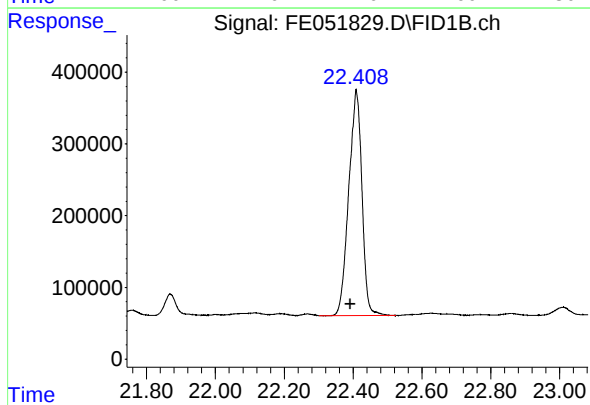
R.T.: 21.413 min  
Delta R.T.: 0.015 min  
Response: 8789655  
Conc: 93.43 ug/ml

Instrument :

FID\_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.409 min  
Delta R.T.: 0.017 min  
Response: 8350507  
Conc: 90.71 ug/ml